



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.17  | 17.36  | 17.11  | 18.20                  |
| 10              | 16QAM  | 25 | 25 | 17.18  | 17.33  | 17.23  | 18.20                  |
| 10              | 16QAM  | 50 | 0  | 17.20  | 17.19  | 17.02  | 18.20                  |
| 10              | 64QAM  | 1  | 0  | 17.03  | 17.19  | 17.13  | 18.20                  |
| 10              | 64QAM  | 1  | 25 | 17.09  | 17.24  | 17.12  | 18.20                  |
| 10              | 64QAM  | 1  | 49 | 17.01  | 17.18  | 17.04  | 18.20                  |
| 10              | 64QAM  | 25 | 0  | 17.10  | 17.32  | 17.17  | 18.20                  |
| 10              | 64QAM  | 25 | 12 | 16.89  | 17.05  | 17.12  | 18.20                  |
| 10              | 64QAM  | 25 | 25 | 17.04  | 17.16  | 17.18  | 18.20                  |
| 10              | 64QAM  | 50 | 0  | 17.12  | 17.34  | 17.07  | 18.20                  |
| 10              | 256QAM | 1  | 0  | 17.09  | 17.13  | 17.06  | 18.20                  |
| 10              | 256QAM | 1  | 25 | 17.22  | 17.26  | 17.14  | 18.20                  |
| 10              | 256QAM | 1  | 49 | 17.11  | 17.15  | 17.08  | 18.20                  |
| 10              | 256QAM | 25 | 0  | 17.03  | 17.33  | 17.04  | 18.20                  |
| 10              | 256QAM | 25 | 12 | 17.03  | 17.22  | 17.10  | 18.20                  |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.24  | 16.98  | 18.20                  |
| 10              | 256QAM | 50 | 0  | 17.18  | 17.27  | 17.14  | 18.20                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.36  | 17.53  | 17.43  | 18.20                  |
| 5               | QPSK   | 1  | 12 | 17.33  | 17.45  | 17.30  | 18.20                  |
| 5               | QPSK   | 1  | 24 | 17.32  | 17.30  | 17.38  | 18.20                  |
| 5               | QPSK   | 12 | 0  | 17.44  | 17.49  | 17.29  | 18.20                  |
| 5               | QPSK   | 12 | 7  | 17.32  | 17.39  | 17.14  | 18.20                  |
| 5               | QPSK   | 12 | 13 | 17.28  | 17.35  | 17.28  | 18.20                  |
| 5               | QPSK   | 25 | 0  | 17.18  | 17.49  | 17.22  | 18.20                  |
| 5               | 16QAM  | 1  | 0  | 17.24  | 17.27  | 17.10  | 18.20                  |
| 5               | 16QAM  | 1  | 12 | 17.12  | 17.23  | 17.18  | 18.20                  |
| 5               | 16QAM  | 1  | 24 | 17.17  | 17.34  | 17.35  | 18.20                  |
| 5               | 16QAM  | 12 | 0  | 17.18  | 17.39  | 17.17  | 18.20                  |
| 5               | 16QAM  | 12 | 7  | 17.08  | 17.42  | 17.11  | 18.20                  |
| 5               | 16QAM  | 12 | 13 | 17.32  | 17.39  | 17.21  | 18.20                  |
| 5               | 16QAM  | 25 | 0  | 17.22  | 17.22  | 17.09  | 18.20                  |
| 5               | 64QAM  | 1  | 0  | 17.00  | 17.18  | 17.08  | 18.20                  |
| 5               | 64QAM  | 1  | 12 | 17.03  | 17.22  | 17.15  | 18.20                  |
| 5               | 64QAM  | 1  | 24 | 17.01  | 17.13  | 17.05  | 18.20                  |
| 5               | 64QAM  | 12 | 0  | 17.11  | 17.33  | 17.09  | 18.20                  |
| 5               | 64QAM  | 12 | 7  | 16.94  | 17.15  | 17.06  | 18.20                  |
| 5               | 64QAM  | 12 | 13 | 17.09  | 17.21  | 17.21  | 18.20                  |
| 5               | 64QAM  | 25 | 0  | 17.09  | 17.44  | 17.08  | 18.20                  |
| 5               | 256QAM | 1  | 0  | 17.09  | 17.19  | 17.09  | 18.20                  |
| 5               | 256QAM | 1  | 12 | 17.26  | 17.31  | 17.19  | 18.20                  |
| 5               | 256QAM | 1  | 24 | 17.17  | 17.18  | 17.05  | 18.20                  |
| 5               | 256QAM | 12 | 0  | 17.12  | 17.35  | 17.13  | 18.20                  |
| 5               | 256QAM | 12 | 7  | 17.17  | 17.18  | 17.06  | 18.20                  |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.25  | 17.00  | 18.20                  |
| 5               | 256QAM | 25 | 0  | 17.20  | 17.30  | 17.13  | 18.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.31  | 17.59  | 17.39  | 18.20                  |
| 3               | QPSK   | 1  | 8  | 17.38  | 17.40  | 17.25  | 18.20                  |
| 3               | QPSK   | 1  | 14 | 17.26  | 17.40  | 17.32  | 18.20                  |
| 3               | QPSK   | 8  | 0  | 17.32  | 17.37  | 17.33  | 18.20                  |
| 3               | QPSK   | 8  | 4  | 17.30  | 17.39  | 17.19  | 18.20                  |
| 3               | QPSK   | 8  | 7  | 17.34  | 17.29  | 17.16  | 18.20                  |
| 3               | QPSK   | 15 | 0  | 17.22  | 17.48  | 17.26  | 18.20                  |
| 3               | 16QAM  | 1  | 0  | 17.22  | 17.32  | 17.10  | 18.20                  |
| 3               | 16QAM  | 1  | 8  | 17.16  | 17.24  | 17.17  | 18.20                  |
| 3               | 16QAM  | 1  | 14 | 17.20  | 17.36  | 17.24  | 18.20                  |
| 3               | 16QAM  | 8  | 0  | 17.13  | 17.38  | 17.12  | 18.20                  |
| 3               | 16QAM  | 8  | 4  | 17.07  | 17.31  | 17.12  | 18.20                  |
| 3               | 16QAM  | 8  | 7  | 17.29  | 17.43  | 17.34  | 18.20                  |
| 3               | 16QAM  | 15 | 0  | 17.12  | 17.19  | 17.04  | 18.20                  |
| 3               | 64QAM  | 1  | 0  | 16.99  | 17.21  | 17.18  | 18.20                  |
| 3               | 64QAM  | 1  | 8  | 17.01  | 17.30  | 17.16  | 18.20                  |
| 3               | 64QAM  | 1  | 14 | 17.08  | 17.08  | 17.01  | 18.20                  |
| 3               | 64QAM  | 8  | 0  | 17.02  | 17.28  | 17.10  | 18.20                  |
| 3               | 64QAM  | 8  | 4  | 16.86  | 17.03  | 17.16  | 18.20                  |
| 3               | 64QAM  | 8  | 7  | 17.00  | 17.15  | 17.17  | 18.20                  |
| 3               | 64QAM  | 15 | 0  | 17.19  | 17.45  | 17.13  | 18.20                  |
| 3               | 256QAM | 1  | 0  | 17.11  | 17.17  | 17.00  | 18.20                  |
| 3               | 256QAM | 1  | 8  | 17.23  | 17.31  | 17.17  | 18.20                  |
| 3               | 256QAM | 1  | 14 | 17.12  | 17.17  | 17.06  | 18.20                  |
| 3               | 256QAM | 8  | 0  | 17.11  | 17.28  | 17.07  | 18.20                  |
| 3               | 256QAM | 8  | 4  | 17.04  | 17.17  | 17.04  | 18.20                  |
| 3               | 256QAM | 8  | 7  | 17.09  | 17.17  | 16.99  | 18.20                  |
| 3               | 256QAM | 15 | 0  | 17.13  | 17.29  | 17.15  | 18.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.37  | 17.50  | 17.45  | 18.20 |
| 1.4             | QPSK   | 1 | 3 | 17.42  | 17.37  | 17.35  | 18.20 |
| 1.4             | QPSK   | 1 | 5 | 17.35  | 17.36  | 17.33  | 18.20 |
| 1.4             | QPSK   | 3 | 0 | 17.40  | 17.38  | 17.31  | 18.20 |
| 1.4             | QPSK   | 3 | 1 | 17.24  | 17.41  | 17.17  | 18.20 |
| 1.4             | QPSK   | 3 | 3 | 17.34  | 17.26  | 17.25  | 18.20 |
| 1.4             | QPSK   | 6 | 0 | 17.21  | 17.38  | 17.17  | 18.20 |
| 1.4             | 16QAM  | 1 | 0 | 17.29  | 17.31  | 17.11  | 18.20 |
| 1.4             | 16QAM  | 1 | 3 | 17.15  | 17.20  | 17.22  | 18.20 |
| 1.4             | 16QAM  | 1 | 5 | 17.22  | 17.35  | 17.29  | 18.20 |
| 1.4             | 16QAM  | 3 | 0 | 17.19  | 17.33  | 17.22  | 18.20 |
| 1.4             | 16QAM  | 3 | 1 | 17.08  | 17.40  | 17.18  | 18.20 |
| 1.4             | 16QAM  | 3 | 3 | 17.19  | 17.31  | 17.25  | 18.20 |
| 1.4             | 16QAM  | 6 | 0 | 17.13  | 17.18  | 17.11  | 18.20 |
| 1.4             | 64QAM  | 1 | 0 | 17.09  | 17.15  | 17.10  | 18.20 |
| 1.4             | 64QAM  | 1 | 3 | 17.07  | 17.25  | 17.19  | 18.20 |
| 1.4             | 64QAM  | 1 | 5 | 17.11  | 17.17  | 17.00  | 18.20 |
| 1.4             | 64QAM  | 3 | 0 | 17.11  | 17.36  | 17.13  | 18.20 |
| 1.4             | 64QAM  | 3 | 1 | 16.91  | 17.08  | 17.15  | 18.20 |
| 1.4             | 64QAM  | 3 | 3 | 17.05  | 17.18  | 17.20  | 18.20 |
| 1.4             | 64QAM  | 6 | 0 | 17.17  | 17.41  | 17.14  | 18.20 |
| 1.4             | 256QAM | 1 | 0 | 17.06  | 17.20  | 17.06  | 18.20 |
| 1.4             | 256QAM | 1 | 3 | 17.22  | 17.28  | 17.21  | 18.20 |
| 1.4             | 256QAM | 1 | 5 | 17.19  | 17.19  | 17.04  | 18.20 |
| 1.4             | 256QAM | 3 | 0 | 17.06  | 17.33  | 17.11  | 18.20 |
| 1.4             | 256QAM | 3 | 1 | 17.13  | 17.23  | 17.02  | 18.20 |
| 1.4             | 256QAM | 3 | 3 | 17.02  | 17.24  | 17.04  | 18.20 |
| 1.4             | 256QAM | 6 | 0 | 17.12  | 17.28  | 17.20  | 18.20 |

**【LTE Band 4\_Ant 2\_ECI5-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.31                    | 17.36                       | 17.32                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 17.05                    | 17.14                       | 17.06                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 17.05                    | 17.17                       | 17.05                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 17.28                    | 17.30                       | 17.23                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 17.05                    | 17.16                       | 17.06                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 17.03                    | 17.17                       | 17.02                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 17.12                    | 17.23                       | 17.12                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 17.11                    | 17.28                       | 17.16                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 17.11                    | 17.27                       | 17.16                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 17.00                    | 17.16                       | 17.01                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 17.09                    | 17.26                       | 17.09                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 17.06                    | 17.23                       | 17.11                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 17.14                    | 17.25                       | 17.15                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 17.18                    | 17.24                       | 17.10                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 17.05                    | 17.23                       | 17.15                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 17.07                    | 17.17                       | 16.99                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 17.09                    | 17.17                       | 17.11                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 17.06                    | 17.19                       | 17.05                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 16.94                    | 17.14                       | 16.97                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 17.00                    | 17.17                       | 17.06                     | 18.20                  |
| 20              | 64QAM      | 100     | 0         | 16.98                    | 17.13                       | 16.96                     | 18.20                  |
| 20              | 256QAM     | 1       | 0         | 16.99                    | 17.17                       | 17.07                     | 18.20                  |
| 20              | 256QAM     | 1       | 49        | 17.01                    | 17.18                       | 17.06                     | 18.20                  |
| 20              | 256QAM     | 1       | 99        | 17.12                    | 17.19                       | 17.01                     | 18.20                  |
| 20              | 256QAM     | 50      | 0         | 17.30                    | 17.37                       | 17.24                     | 18.20                  |
| 20              | 256QAM     | 50      | 24        | 17.07                    | 17.14                       | 16.98                     | 18.20                  |
| 20              | 256QAM     | 50      | 50        | 17.03                    | 17.17                       | 17.05                     | 18.20                  |
| 20              | 256QAM     | 100     | 0         | 17.22                    | 17.30                       | 17.13                     | 18.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.30                    | 17.24                       | 17.23                     | 18.20                  |
| 15              | QPSK       | 1       | 37        | 16.92                    | 17.06                       | 16.96                     | 18.20                  |
| 15              | QPSK       | 1       | 74        | 17.01                    | 17.03                       | 16.95                     | 18.20                  |
| 15              | QPSK       | 36      | 0         | 17.17                    | 17.24                       | 17.19                     | 18.20                  |
| 15              | QPSK       | 36      | 20        | 16.98                    | 17.03                       | 16.99                     | 18.20                  |
| 15              | QPSK       | 36      | 39        | 16.94                    | 17.05                       | 16.96                     | 18.20                  |
| 15              | QPSK       | 75      | 0         | 17.05                    | 17.10                       | 17.07                     | 18.20                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.10  | 17.19  | 17.09  | 18.20         |
| 15              | 16QAM  | 1  | 37 | 16.98  | 17.19  | 17.13  | 18.20         |
| 15              | 16QAM  | 1  | 74 | 16.98  | 17.05  | 16.89  | 18.20         |
| 15              | 16QAM  | 36 | 0  | 16.96  | 17.17  | 17.07  | 18.20         |
| 15              | 16QAM  | 36 | 20 | 16.97  | 17.14  | 16.97  | 18.20         |
| 15              | 16QAM  | 36 | 39 | 17.12  | 17.17  | 17.09  | 18.20         |
| 15              | 16QAM  | 75 | 0  | 17.10  | 17.21  | 16.99  | 18.20         |
| 15              | 64QAM  | 1  | 0  | 17.01  | 17.09  | 17.09  | 18.20         |
| 15              | 64QAM  | 1  | 37 | 16.93  | 17.04  | 16.90  | 18.20         |
| 15              | 64QAM  | 1  | 74 | 16.94  | 17.08  | 17.04  | 18.20         |
| 15              | 64QAM  | 36 | 0  | 16.97  | 17.14  | 16.93  | 18.20         |
| 15              | 64QAM  | 36 | 20 | 16.88  | 17.10  | 16.88  | 18.20         |
| 15              | 64QAM  | 36 | 39 | 16.95  | 17.05  | 16.98  | 18.20         |
| 15              | 64QAM  | 75 | 0  | 16.84  | 17.00  | 16.85  | 18.20         |
| 15              | 256QAM | 1  | 0  | 16.98  | 17.09  | 17.06  | 18.20         |
| 15              | 256QAM | 1  | 37 | 16.99  | 17.14  | 16.98  | 18.20         |
| 15              | 256QAM | 1  | 74 | 17.06  | 17.11  | 16.92  | 18.20         |
| 15              | 256QAM | 36 | 0  | 17.22  | 17.30  | 17.17  | 18.20         |
| 15              | 256QAM | 36 | 20 | 16.97  | 17.00  | 16.83  | 18.20         |
| 15              | 256QAM | 36 | 39 | 16.99  | 17.06  | 16.92  | 18.20         |
| 15              | 256QAM | 75 | 0  | 17.20  | 17.20  | 17.04  | 18.20         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.20  | 17.28  | 17.30  | 18.20         |
| 10              | QPSK   | 1  | 25 | 16.90  | 17.00  | 16.93  | 18.20         |
| 10              | QPSK   | 1  | 49 | 16.94  | 17.09  | 16.91  | 18.20         |
| 10              | QPSK   | 25 | 0  | 17.22  | 17.24  | 17.08  | 18.20         |
| 10              | QPSK   | 25 | 12 | 16.93  | 17.02  | 16.94  | 18.20         |
| 10              | QPSK   | 25 | 25 | 16.93  | 17.11  | 16.89  | 18.20         |
| 10              | QPSK   | 50 | 0  | 17.05  | 17.14  | 17.10  | 18.20         |
| 10              | 16QAM  | 1  | 0  | 17.04  | 17.18  | 17.05  | 18.20         |
| 10              | 16QAM  | 1  | 25 | 16.98  | 17.23  | 17.11  | 18.20         |
| 10              | 16QAM  | 1  | 49 | 16.93  | 17.12  | 16.96  | 18.20         |
| 10              | 16QAM  | 25 | 0  | 16.96  | 17.13  | 17.00  | 18.20         |
| 10              | 16QAM  | 25 | 12 | 16.93  | 17.19  | 16.98  | 18.20         |
| 10              | 16QAM  | 25 | 25 | 17.02  | 17.24  | 17.03  | 18.20         |
| 10              | 16QAM  | 50 | 0  | 17.10  | 17.12  | 17.04  | 18.20         |
| 10              | 64QAM  | 1  | 0  | 16.93  | 17.15  | 17.03  | 18.20         |
| 10              | 64QAM  | 1  | 25 | 16.97  | 17.02  | 16.96  | 18.20         |
| 10              | 64QAM  | 1  | 49 | 17.05  | 17.14  | 16.99  | 18.20         |
| 10              | 64QAM  | 25 | 0  | 17.03  | 17.13  | 16.91  | 18.20         |
| 10              | 64QAM  | 25 | 12 | 16.89  | 17.04  | 16.85  | 18.20         |
| 10              | 64QAM  | 25 | 25 | 16.86  | 17.14  | 17.03  | 18.20         |
| 10              | 64QAM  | 50 | 0  | 16.90  | 17.07  | 16.94  | 18.20         |
| 10              | 256QAM | 1  | 0  | 16.88  | 17.03  | 16.94  | 18.20         |
| 10              | 256QAM | 1  | 25 | 16.90  | 17.05  | 16.97  | 18.20         |
| 10              | 256QAM | 1  | 49 | 17.02  | 17.17  | 17.00  | 18.20         |
| 10              | 256QAM | 25 | 0  | 17.17  | 17.24  | 17.18  | 18.20         |
| 10              | 256QAM | 25 | 12 | 16.94  | 17.13  | 16.85  | 18.20         |
| 10              | 256QAM | 25 | 25 | 16.90  | 17.13  | 16.98  | 18.20         |
| 10              | 256QAM | 50 | 0  | 17.11  | 17.16  | 16.98  | 18.20         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.22  | 17.25  | 17.27  | 18.20         |
| 5               | QPSK   | 1  | 12 | 16.96  | 17.11  | 16.99  | 18.20         |
| 5               | QPSK   | 1  | 24 | 16.94  | 17.08  | 16.97  | 18.20         |
| 5               | QPSK   | 12 | 0  | 17.18  | 17.19  | 17.09  | 18.20         |
| 5               | QPSK   | 12 | 7  | 17.03  | 17.02  | 16.94  | 18.20         |
| 5               | QPSK   | 12 | 13 | 16.90  | 17.10  | 16.93  | 18.20         |
| 5               | QPSK   | 25 | 0  | 17.09  | 17.18  | 17.07  | 18.20         |
| 5               | 16QAM  | 1  | 0  | 16.99  | 17.19  | 17.02  | 18.20         |
| 5               | 16QAM  | 1  | 12 | 16.97  | 17.18  | 17.14  | 18.20         |
| 5               | 16QAM  | 1  | 24 | 16.88  | 17.13  | 16.99  | 18.20         |
| 5               | 16QAM  | 12 | 0  | 16.98  | 17.23  | 17.01  | 18.20         |
| 5               | 16QAM  | 12 | 7  | 16.97  | 17.20  | 17.07  | 18.20         |
| 5               | 16QAM  | 12 | 13 | 17.01  | 17.13  | 17.13  | 18.20         |
| 5               | 16QAM  | 25 | 0  | 17.08  | 17.20  | 17.06  | 18.20         |
| 5               | 64QAM  | 1  | 0  | 17.03  | 17.08  | 17.01  | 18.20         |
| 5               | 64QAM  | 1  | 12 | 16.96  | 17.15  | 16.88  | 18.20         |
| 5               | 64QAM  | 1  | 24 | 17.00  | 17.11  | 17.01  | 18.20         |
| 5               | 64QAM  | 12 | 0  | 16.96  | 17.05  | 16.91  | 18.20         |
| 5               | 64QAM  | 12 | 7  | 16.91  | 17.00  | 16.94  | 18.20         |
| 5               | 64QAM  | 12 | 13 | 16.98  | 17.12  | 16.95  | 18.20         |
| 5               | 64QAM  | 25 | 0  | 16.88  | 17.04  | 16.86  | 18.20         |
| 5               | 256QAM | 1  | 0  | 16.93  | 17.09  | 16.96  | 18.20         |
| 5               | 256QAM | 1  | 12 | 16.99  | 17.10  | 16.95  | 18.20         |
| 5               | 256QAM | 1  | 24 | 17.11  | 17.07  | 16.91  | 18.20         |
| 5               | 256QAM | 12 | 0  | 17.16  | 17.23  | 17.17  | 18.20         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 16.97  | 17.05  | 16.85  | 18.20                  |
| 5               | 256QAM | 12 | 13 | 16.96  | 17.04  | 17.00  | 18.20                  |
| 5               | 256QAM | 25 | 0  | 17.15  | 17.19  | 17.01  | 18.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.28  | 17.31  | 17.18  | 18.20                  |
| 3               | QPSK   | 1  | 8  | 16.97  | 17.12  | 16.96  | 18.20                  |
| 3               | QPSK   | 1  | 14 | 16.94  | 17.15  | 16.96  | 18.20                  |
| 3               | QPSK   | 8  | 0  | 17.23  | 17.18  | 17.15  | 18.20                  |
| 3               | QPSK   | 8  | 4  | 17.00  | 17.02  | 16.95  | 18.20                  |
| 3               | QPSK   | 8  | 7  | 16.98  | 17.03  | 16.94  | 18.20                  |
| 3               | QPSK   | 15 | 0  | 17.05  | 17.10  | 16.97  | 18.20                  |
| 3               | 16QAM  | 1  | 0  | 17.01  | 17.22  | 17.07  | 18.20                  |
| 3               | 16QAM  | 1  | 8  | 16.99  | 17.17  | 17.05  | 18.20                  |
| 3               | 16QAM  | 1  | 14 | 16.85  | 17.01  | 16.99  | 18.20                  |
| 3               | 16QAM  | 8  | 0  | 17.02  | 17.17  | 17.06  | 18.20                  |
| 3               | 16QAM  | 8  | 4  | 16.95  | 17.09  | 17.09  | 18.20                  |
| 3               | 16QAM  | 8  | 7  | 17.12  | 17.17  | 17.11  | 18.20                  |
| 3               | 16QAM  | 15 | 0  | 17.07  | 17.22  | 17.01  | 18.20                  |
| 3               | 64QAM  | 1  | 0  | 16.92  | 17.20  | 17.13  | 18.20                  |
| 3               | 64QAM  | 1  | 8  | 16.94  | 17.05  | 16.95  | 18.20                  |
| 3               | 64QAM  | 1  | 14 | 16.98  | 17.16  | 17.02  | 18.20                  |
| 3               | 64QAM  | 8  | 0  | 17.01  | 17.12  | 17.00  | 18.20                  |
| 3               | 64QAM  | 8  | 4  | 16.92  | 17.08  | 16.88  | 18.20                  |
| 3               | 64QAM  | 8  | 7  | 16.86  | 17.13  | 16.96  | 18.20                  |
| 3               | 64QAM  | 15 | 0  | 16.94  | 17.10  | 16.94  | 18.20                  |
| 3               | 256QAM | 1  | 0  | 16.93  | 17.07  | 16.94  | 18.20                  |
| 3               | 256QAM | 1  | 8  | 16.97  | 17.11  | 16.98  | 18.20                  |
| 3               | 256QAM | 1  | 14 | 16.99  | 17.14  | 16.96  | 18.20                  |
| 3               | 256QAM | 8  | 0  | 17.16  | 17.32  | 17.12  | 18.20                  |
| 3               | 256QAM | 8  | 4  | 16.92  | 17.04  | 16.88  | 18.20                  |
| 3               | 256QAM | 8  | 7  | 16.97  | 17.07  | 16.99  | 18.20                  |
| 3               | 256QAM | 15 | 0  | 17.14  | 17.19  | 17.09  | 18.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.24  | 17.26  | 17.20  | 18.20                  |
| 1.4             | QPSK   | 1  | 3  | 17.01  | 17.10  | 16.96  | 18.20                  |
| 1.4             | QPSK   | 1  | 5  | 16.92  | 17.10  | 17.00  | 18.20                  |
| 1.4             | QPSK   | 3  | 0  | 17.13  | 17.15  | 17.12  | 18.20                  |
| 1.4             | QPSK   | 3  | 1  | 17.00  | 17.04  | 16.98  | 18.20                  |
| 1.4             | QPSK   | 3  | 3  | 16.89  | 17.09  | 16.92  | 18.20                  |
| 1.4             | QPSK   | 6  | 0  | 17.01  | 17.14  | 17.10  | 18.20                  |
| 1.4             | 16QAM  | 1  | 0  | 16.97  | 17.23  | 17.08  | 18.20                  |
| 1.4             | 16QAM  | 1  | 3  | 17.08  | 17.19  | 17.04  | 18.20                  |
| 1.4             | 16QAM  | 1  | 5  | 16.94  | 17.10  | 16.99  | 18.20                  |
| 1.4             | 16QAM  | 3  | 0  | 16.96  | 17.23  | 17.03  | 18.20                  |
| 1.4             | 16QAM  | 3  | 1  | 17.03  | 17.12  | 17.03  | 18.20                  |
| 1.4             | 16QAM  | 3  | 3  | 17.13  | 17.19  | 17.00  | 18.20                  |
| 1.4             | 16QAM  | 6  | 0  | 17.07  | 17.18  | 17.09  | 18.20                  |
| 1.4             | 64QAM  | 1  | 0  | 16.91  | 17.11  | 17.05  | 18.20                  |
| 1.4             | 64QAM  | 1  | 3  | 17.04  | 17.12  | 16.96  | 18.20                  |
| 1.4             | 64QAM  | 1  | 5  | 17.02  | 17.03  | 17.08  | 18.20                  |
| 1.4             | 64QAM  | 3  | 0  | 17.01  | 17.11  | 17.02  | 18.20                  |
| 1.4             | 64QAM  | 3  | 1  | 16.88  | 17.09  | 16.86  | 18.20                  |
| 1.4             | 64QAM  | 3  | 3  | 16.91  | 17.13  | 16.97  | 18.20                  |
| 1.4             | 64QAM  | 6  | 0  | 16.88  | 17.11  | 16.93  | 18.20                  |
| 1.4             | 256QAM | 1  | 0  | 16.95  | 17.15  | 17.03  | 18.20                  |
| 1.4             | 256QAM | 1  | 3  | 16.92  | 17.06  | 16.95  | 18.20                  |
| 1.4             | 256QAM | 1  | 5  | 17.06  | 17.11  | 16.89  | 18.20                  |
| 1.4             | 256QAM | 3  | 0  | 17.18  | 17.24  | 17.16  | 18.20                  |
| 1.4             | 256QAM | 3  | 1  | 16.95  | 17.09  | 16.94  | 18.20                  |
| 1.4             | 256QAM | 3  | 3  | 16.93  | 17.03  | 16.91  | 18.20                  |
| 1.4             | 256QAM | 6  | 0  | 17.16  | 17.25  | 17.05  | 18.20                  |



## 【LTE Band 4\_Ant 2\_ECI5-2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.61                    | 17.64                       | 17.60                     | 18.50                  |
| 20              | QPSK       | 1       | 49        | 17.42                    | 17.52                       | 17.37                     | 18.50                  |
| 20              | QPSK       | 1       | 99        | 17.46                    | 17.52                       | 17.37                     | 18.50                  |
| 20              | QPSK       | 50      | 0         | 17.52                    | 17.61                       | 17.53                     | 18.50                  |
| 20              | QPSK       | 50      | 24        | 17.40                    | 17.45                       | 17.36                     | 18.50                  |
| 20              | QPSK       | 50      | 50        | 17.38                    | 17.48                       | 17.38                     | 18.50                  |
| 20              | QPSK       | 100     | 0         | 17.51                    | 17.58                       | 17.43                     | 18.50                  |
| 20              | 16QAM      | 1       | 0         | 17.33                    | 17.43                       | 17.31                     | 18.50                  |
| 20              | 16QAM      | 1       | 49        | 17.43                    | 17.49                       | 17.43                     | 18.50                  |
| 20              | 16QAM      | 1       | 99        | 17.37                    | 17.47                       | 17.38                     | 18.50                  |
| 20              | 16QAM      | 50      | 0         | 17.45                    | 17.54                       | 17.36                     | 18.50                  |
| 20              | 16QAM      | 50      | 24        | 17.38                    | 17.47                       | 17.31                     | 18.50                  |
| 20              | 16QAM      | 50      | 50        | 17.41                    | 17.48                       | 17.40                     | 18.50                  |
| 20              | 16QAM      | 100     | 0         | 17.35                    | 17.52                       | 17.42                     | 18.50                  |
| 20              | 64QAM      | 1       | 0         | 17.45                    | 17.54                       | 17.37                     | 18.50                  |
| 20              | 64QAM      | 1       | 49        | 17.36                    | 17.44                       | 17.25                     | 18.50                  |
| 20              | 64QAM      | 1       | 99        | 17.45                    | 17.56                       | 17.39                     | 18.50                  |
| 20              | 64QAM      | 50      | 0         | 17.26                    | 17.42                       | 17.36                     | 18.50                  |
| 20              | 64QAM      | 50      | 24        | 17.43                    | 17.56                       | 17.38                     | 18.50                  |
| 20              | 64QAM      | 50      | 50        | 17.43                    | 17.48                       | 17.41                     | 18.50                  |
| 20              | 64QAM      | 100     | 0         | 17.41                    | 17.46                       | 17.35                     | 18.50                  |
| 20              | 256QAM     | 1       | 0         | 17.37                    | 17.47                       | 17.36                     | 18.50                  |
| 20              | 256QAM     | 1       | 49        | 17.40                    | 17.47                       | 17.34                     | 18.50                  |
| 20              | 256QAM     | 1       | 99        | 17.39                    | 17.51                       | 17.33                     | 18.50                  |
| 20              | 256QAM     | 50      | 0         | 17.57                    | 17.64                       | 17.53                     | 18.50                  |
| 20              | 256QAM     | 50      | 24        | 17.37                    | 17.52                       | 17.41                     | 18.50                  |
| 20              | 256QAM     | 50      | 50        | 17.39                    | 17.52                       | 17.35                     | 18.50                  |
| 20              | 256QAM     | 100     | 0         | 17.47                    | 17.61                       | 17.45                     | 18.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.54                    | 17.60                       | 17.49                     | 18.50                  |
| 15              | QPSK       | 1       | 37        | 17.39                    | 17.46                       | 17.31                     | 18.50                  |
| 15              | QPSK       | 1       | 74        | 17.33                    | 17.48                       | 17.23                     | 18.50                  |
| 15              | QPSK       | 36      | 0         | 17.38                    | 17.58                       | 17.38                     | 18.50                  |
| 15              | QPSK       | 36      | 20        | 17.38                    | 17.40                       | 17.29                     | 18.50                  |
| 15              | QPSK       | 36      | 39        | 17.27                    | 17.40                       | 17.37                     | 18.50                  |
| 15              | QPSK       | 75      | 0         | 17.38                    | 17.53                       | 17.42                     | 18.50                  |
| 15              | 16QAM      | 1       | 0         | 17.27                    | 17.35                       | 17.23                     | 18.50                  |
| 15              | 16QAM      | 1       | 37        | 17.33                    | 17.38                       | 17.37                     | 18.50                  |
| 15              | 16QAM      | 1       | 74        | 17.31                    | 17.40                       | 17.23                     | 18.50                  |
| 15              | 16QAM      | 36      | 0         | 17.33                    | 17.50                       | 17.23                     | 18.50                  |
| 15              | 16QAM      | 36      | 20        | 17.36                    | 17.35                       | 17.17                     | 18.50                  |
| 15              | 16QAM      | 36      | 39        | 17.26                    | 17.43                       | 17.28                     | 18.50                  |
| 15              | 16QAM      | 75      | 0         | 17.21                    | 17.43                       | 17.30                     | 18.50                  |
| 15              | 64QAM      | 1       | 0         | 17.30                    | 17.39                       | 17.27                     | 18.50                  |
| 15              | 64QAM      | 1       | 37        | 17.25                    | 17.38                       | 17.17                     | 18.50                  |
| 15              | 64QAM      | 1       | 74        | 17.32                    | 17.53                       | 17.33                     | 18.50                  |
| 15              | 64QAM      | 36      | 0         | 17.21                    | 17.31                       | 17.23                     | 18.50                  |
| 15              | 64QAM      | 36      | 20        | 17.31                    | 17.48                       | 17.34                     | 18.50                  |
| 15              | 64QAM      | 36      | 39        | 17.40                    | 17.34                       | 17.36                     | 18.50                  |
| 15              | 64QAM      | 75      | 0         | 17.37                    | 17.40                       | 17.23                     | 18.50                  |
| 15              | 256QAM     | 1       | 0         | 17.35                    | 17.36                       | 17.30                     | 18.50                  |
| 15              | 256QAM     | 1       | 37        | 17.31                    | 17.44                       | 17.25                     | 18.50                  |
| 15              | 256QAM     | 1       | 74        | 17.28                    | 17.41                       | 17.30                     | 18.50                  |
| 15              | 256QAM     | 36      | 0         | 17.42                    | 17.55                       | 17.51                     | 18.50                  |
| 15              | 256QAM     | 36      | 20        | 17.31                    | 17.47                       | 17.34                     | 18.50                  |
| 15              | 256QAM     | 36      | 39        | 17.27                    | 17.46                       | 17.34                     | 18.50                  |
| 15              | 256QAM     | 75      | 0         | 17.32                    | 17.54                       | 17.35                     | 18.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.54                    | 17.62                       | 17.47                     | 18.50                  |
| 10              | QPSK       | 1       | 25        | 17.40                    | 17.39                       | 17.33                     | 18.50                  |
| 10              | QPSK       | 1       | 49        | 17.37                    | 17.40                       | 17.31                     | 18.50                  |
| 10              | QPSK       | 25      | 0         | 17.42                    | 17.55                       | 17.51                     | 18.50                  |
| 10              | QPSK       | 25      | 12        | 17.35                    | 17.31                       | 17.22                     | 18.50                  |
| 10              | QPSK       | 25      | 25        | 17.30                    | 17.34                       | 17.34                     | 18.50                  |
| 10              | QPSK       | 50      | 0         | 17.42                    | 17.53                       | 17.40                     | 18.50                  |
| 10              | 16QAM      | 1       | 0         | 17.25                    | 17.38                       | 17.25                     | 18.50                  |
| 10              | 16QAM      | 1       | 25        | 17.32                    | 17.39                       | 17.32                     | 18.50                  |
| 10              | 16QAM      | 1       | 49        | 17.23                    | 17.40                       | 17.36                     | 18.50                  |
| 10              | 16QAM      | 25      | 0         | 17.42                    | 17.44                       | 17.33                     | 18.50                  |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.30  | 17.40  | 17.30  | 18.50                  |
| 10              | 16QAM  | 25 | 25 | 17.35  | 17.33  | 17.30  | 18.50                  |
| 10              | 16QAM  | 50 | 0  | 17.24  | 17.44  | 17.33  | 18.50                  |
| 10              | 64QAM  | 1  | 0  | 17.33  | 17.52  | 17.25  | 18.50                  |
| 10              | 64QAM  | 1  | 25 | 17.34  | 17.40  | 17.20  | 18.50                  |
| 10              | 64QAM  | 1  | 49 | 17.40  | 17.42  | 17.32  | 18.50                  |
| 10              | 64QAM  | 25 | 0  | 17.18  | 17.27  | 17.32  | 18.50                  |
| 10              | 64QAM  | 25 | 12 | 17.34  | 17.46  | 17.33  | 18.50                  |
| 10              | 64QAM  | 25 | 25 | 17.29  | 17.46  | 17.30  | 18.50                  |
| 10              | 64QAM  | 50 | 0  | 17.36  | 17.33  | 17.33  | 18.50                  |
| 10              | 256QAM | 1  | 0  | 17.32  | 17.45  | 17.34  | 18.50                  |
| 10              | 256QAM | 1  | 25 | 17.26  | 17.38  | 17.30  | 18.50                  |
| 10              | 256QAM | 1  | 49 | 17.28  | 17.38  | 17.24  | 18.50                  |
| 10              | 256QAM | 25 | 0  | 17.53  | 17.54  | 17.49  | 18.50                  |
| 10              | 256QAM | 25 | 12 | 17.28  | 17.39  | 17.33  | 18.50                  |
| 10              | 256QAM | 25 | 25 | 17.27  | 17.48  | 17.21  | 18.50                  |
| 10              | 256QAM | 50 | 0  | 17.37  | 17.56  | 17.31  | 18.50                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.50  | 17.59  | 17.49  | 18.50                  |
| 5               | QPSK   | 1  | 12 | 17.35  | 17.46  | 17.29  | 18.50                  |
| 5               | QPSK   | 1  | 24 | 17.33  | 17.37  | 17.33  | 18.50                  |
| 5               | QPSK   | 12 | 0  | 17.48  | 17.47  | 17.44  | 18.50                  |
| 5               | QPSK   | 12 | 7  | 17.26  | 17.35  | 17.31  | 18.50                  |
| 5               | QPSK   | 12 | 13 | 17.35  | 17.43  | 17.29  | 18.50                  |
| 5               | QPSK   | 25 | 0  | 17.40  | 17.53  | 17.42  | 18.50                  |
| 5               | 16QAM  | 1  | 0  | 17.28  | 17.29  | 17.30  | 18.50                  |
| 5               | 16QAM  | 1  | 12 | 17.31  | 17.42  | 17.39  | 18.50                  |
| 5               | 16QAM  | 1  | 24 | 17.36  | 17.40  | 17.26  | 18.50                  |
| 5               | 16QAM  | 12 | 0  | 17.35  | 17.42  | 17.22  | 18.50                  |
| 5               | 16QAM  | 12 | 7  | 17.34  | 17.43  | 17.18  | 18.50                  |
| 5               | 16QAM  | 12 | 13 | 17.32  | 17.43  | 17.38  | 18.50                  |
| 5               | 16QAM  | 25 | 0  | 17.33  | 17.48  | 17.38  | 18.50                  |
| 5               | 64QAM  | 1  | 0  | 17.37  | 17.42  | 17.28  | 18.50                  |
| 5               | 64QAM  | 1  | 12 | 17.27  | 17.33  | 17.14  | 18.50                  |
| 5               | 64QAM  | 1  | 24 | 17.43  | 17.44  | 17.27  | 18.50                  |
| 5               | 64QAM  | 12 | 0  | 17.17  | 17.33  | 17.30  | 18.50                  |
| 5               | 64QAM  | 12 | 7  | 17.39  | 17.53  | 17.35  | 18.50                  |
| 5               | 64QAM  | 12 | 13 | 17.35  | 17.34  | 17.26  | 18.50                  |
| 5               | 64QAM  | 25 | 0  | 17.37  | 17.45  | 17.31  | 18.50                  |
| 5               | 256QAM | 1  | 0  | 17.28  | 17.43  | 17.26  | 18.50                  |
| 5               | 256QAM | 1  | 12 | 17.27  | 17.37  | 17.32  | 18.50                  |
| 5               | 256QAM | 1  | 24 | 17.37  | 17.38  | 17.29  | 18.50                  |
| 5               | 256QAM | 12 | 0  | 17.55  | 17.60  | 17.52  | 18.50                  |
| 5               | 256QAM | 12 | 7  | 17.24  | 17.40  | 17.37  | 18.50                  |
| 5               | 256QAM | 12 | 13 | 17.34  | 17.50  | 17.28  | 18.50                  |
| 5               | 256QAM | 25 | 0  | 17.42  | 17.55  | 17.32  | 18.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.56  | 17.63  | 17.56  | 18.50                  |
| 3               | QPSK   | 1  | 8  | 17.32  | 17.39  | 17.25  | 18.50                  |
| 3               | QPSK   | 1  | 14 | 17.43  | 17.43  | 17.34  | 18.50                  |
| 3               | QPSK   | 8  | 0  | 17.42  | 17.55  | 17.45  | 18.50                  |
| 3               | QPSK   | 8  | 4  | 17.36  | 17.42  | 17.30  | 18.50                  |
| 3               | QPSK   | 8  | 7  | 17.28  | 17.39  | 17.24  | 18.50                  |
| 3               | QPSK   | 15 | 0  | 17.50  | 17.44  | 17.32  | 18.50                  |
| 3               | 16QAM  | 1  | 0  | 17.26  | 17.41  | 17.19  | 18.50                  |
| 3               | 16QAM  | 1  | 8  | 17.39  | 17.39  | 17.34  | 18.50                  |
| 3               | 16QAM  | 1  | 14 | 17.33  | 17.33  | 17.24  | 18.50                  |
| 3               | 16QAM  | 8  | 0  | 17.38  | 17.41  | 17.25  | 18.50                  |
| 3               | 16QAM  | 8  | 4  | 17.29  | 17.34  | 17.19  | 18.50                  |
| 3               | 16QAM  | 8  | 7  | 17.37  | 17.39  | 17.32  | 18.50                  |
| 3               | 16QAM  | 15 | 0  | 17.20  | 17.49  | 17.30  | 18.50                  |
| 3               | 64QAM  | 1  | 0  | 17.33  | 17.40  | 17.36  | 18.50                  |
| 3               | 64QAM  | 1  | 8  | 17.25  | 17.40  | 17.13  | 18.50                  |
| 3               | 64QAM  | 1  | 14 | 17.37  | 17.49  | 17.27  | 18.50                  |
| 3               | 64QAM  | 8  | 0  | 17.12  | 17.40  | 17.26  | 18.50                  |
| 3               | 64QAM  | 8  | 4  | 17.33  | 17.52  | 17.31  | 18.50                  |
| 3               | 64QAM  | 8  | 7  | 17.29  | 17.35  | 17.33  | 18.50                  |
| 3               | 64QAM  | 15 | 0  | 17.28  | 17.44  | 17.22  | 18.50                  |
| 3               | 256QAM | 1  | 0  | 17.29  | 17.42  | 17.25  | 18.50                  |
| 3               | 256QAM | 1  | 8  | 17.28  | 17.44  | 17.27  | 18.50                  |
| 3               | 256QAM | 1  | 14 | 17.35  | 17.39  | 17.30  | 18.50                  |
| 3               | 256QAM | 8  | 0  | 17.52  | 17.57  | 17.43  | 18.50                  |
| 3               | 256QAM | 8  | 4  | 17.25  | 17.42  | 17.27  | 18.50                  |
| 3               | 256QAM | 8  | 7  | 17.28  | 17.50  | 17.28  | 18.50                  |
| 3               | 256QAM | 15 | 0  | 17.46  | 17.58  | 17.36  | 18.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.47  | 17.50  | 17.51  | 18.50 |
| 1.4             | QPSK   | 1 | 3 | 17.37  | 17.43  | 17.29  | 18.50 |
| 1.4             | QPSK   | 1 | 5 | 17.38  | 17.47  | 17.33  | 18.50 |
| 1.4             | QPSK   | 3 | 0 | 17.37  | 17.48  | 17.50  | 18.50 |
| 1.4             | QPSK   | 3 | 1 | 17.37  | 17.40  | 17.26  | 18.50 |
| 1.4             | QPSK   | 3 | 3 | 17.36  | 17.36  | 17.33  | 18.50 |
| 1.4             | QPSK   | 6 | 0 | 17.39  | 17.50  | 17.28  | 18.50 |
| 1.4             | 16QAM  | 1 | 0 | 17.30  | 17.34  | 17.22  | 18.50 |
| 1.4             | 16QAM  | 1 | 3 | 17.29  | 17.48  | 17.37  | 18.50 |
| 1.4             | 16QAM  | 1 | 5 | 17.34  | 17.33  | 17.23  | 18.50 |
| 1.4             | 16QAM  | 3 | 0 | 17.36  | 17.52  | 17.33  | 18.50 |
| 1.4             | 16QAM  | 3 | 1 | 17.30  | 17.38  | 17.27  | 18.50 |
| 1.4             | 16QAM  | 3 | 3 | 17.35  | 17.42  | 17.35  | 18.50 |
| 1.4             | 16QAM  | 6 | 0 | 17.29  | 17.45  | 17.37  | 18.50 |
| 1.4             | 64QAM  | 1 | 0 | 17.36  | 17.40  | 17.30  | 18.50 |
| 1.4             | 64QAM  | 1 | 3 | 17.23  | 17.42  | 17.13  | 18.50 |
| 1.4             | 64QAM  | 1 | 5 | 17.35  | 17.45  | 17.32  | 18.50 |
| 1.4             | 64QAM  | 3 | 0 | 17.23  | 17.33  | 17.31  | 18.50 |
| 1.4             | 64QAM  | 3 | 1 | 17.37  | 17.43  | 17.32  | 18.50 |
| 1.4             | 64QAM  | 3 | 3 | 17.39  | 17.46  | 17.38  | 18.50 |
| 1.4             | 64QAM  | 6 | 0 | 17.28  | 17.32  | 17.32  | 18.50 |
| 1.4             | 256QAM | 1 | 0 | 17.36  | 17.41  | 17.33  | 18.50 |
| 1.4             | 256QAM | 1 | 3 | 17.34  | 17.43  | 17.33  | 18.50 |
| 1.4             | 256QAM | 1 | 5 | 17.27  | 17.46  | 17.24  | 18.50 |
| 1.4             | 256QAM | 3 | 0 | 17.51  | 17.59  | 17.51  | 18.50 |
| 1.4             | 256QAM | 3 | 1 | 17.25  | 17.37  | 17.35  | 18.50 |
| 1.4             | 256QAM | 3 | 3 | 17.30  | 17.42  | 17.32  | 18.50 |
| 1.4             | 256QAM | 6 | 0 | 17.43  | 17.52  | 17.38  | 18.50 |

**【LTE Band 4\_Ant 3\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 24.85                    | 24.97                       | 24.80                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.70                    | 24.85                       | 24.64                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.62                    | 24.84                       | 24.59                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.87                    | 23.94                       | 23.85                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.68                    | 23.89                       | 23.68                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.75                    | 23.92                       | 23.67                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 23.67                    | 23.93                       | 23.68                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 24.05                    | 24.29                       | 24.05                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.95                    | 24.17                       | 23.96                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.88                    | 24.12                       | 23.95                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.72                    | 22.94                       | 22.75                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.65                    | 22.90                       | 22.69                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.78                    | 22.91                       | 22.61                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 22.73                    | 22.92                       | 22.72                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 22.94                    | 23.14                       | 22.90                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.91                    | 23.10                       | 22.82                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.90                    | 23.08                       | 22.81                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.74                    | 21.94                       | 21.66                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.65                    | 21.88                       | 21.61                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.78                    | 21.90                       | 21.70                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 21.70                    | 21.92                       | 21.75                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 19.94                    | 20.08                       | 19.93                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.79                    | 19.95                       | 19.78                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.76                    | 19.89                       | 19.73                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.77                    | 19.89                       | 19.67                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.65                    | 19.87                       | 19.61                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.74                    | 19.88                       | 19.60                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.76                    | 19.89                       | 19.62                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.78                    | 24.84                       | 24.66                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.63                    | 24.81                       | 24.50                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.56                    | 24.70                       | 24.57                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.68                    | 23.86                       | 23.66                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.59                    | 23.78                       | 23.63                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.69                    | 23.90                       | 23.54                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.63                    | 23.81                       | 23.62                     | 24.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 24.02  | 24.15  | 23.96  | 24.70         |
| 15              | 16QAM  | 1  | 37 | 23.81  | 24.03  | 23.89  | 24.70         |
| 15              | 16QAM  | 1  | 74 | 23.82  | 24.07  | 23.91  | 24.70         |
| 15              | 16QAM  | 36 | 0  | 22.64  | 22.83  | 22.68  | 23.70         |
| 15              | 16QAM  | 36 | 20 | 22.58  | 22.81  | 22.65  | 23.70         |
| 15              | 16QAM  | 36 | 39 | 22.71  | 22.84  | 22.56  | 23.70         |
| 15              | 16QAM  | 75 | 0  | 22.62  | 22.80  | 22.67  | 23.70         |
| 15              | 64QAM  | 1  | 0  | 22.91  | 23.05  | 22.84  | 23.70         |
| 15              | 64QAM  | 1  | 37 | 22.87  | 22.99  | 22.76  | 23.70         |
| 15              | 64QAM  | 1  | 74 | 22.82  | 22.94  | 22.74  | 23.70         |
| 15              | 64QAM  | 36 | 0  | 21.72  | 21.81  | 21.64  | 22.70         |
| 15              | 64QAM  | 36 | 20 | 21.60  | 21.84  | 21.52  | 22.70         |
| 15              | 64QAM  | 36 | 39 | 21.66  | 21.81  | 21.67  | 22.70         |
| 15              | 64QAM  | 75 | 0  | 21.63  | 21.90  | 21.60  | 22.70         |
| 15              | 256QAM | 1  | 0  | 19.82  | 20.01  | 19.87  | 20.70         |
| 15              | 256QAM | 1  | 37 | 19.72  | 19.80  | 19.76  | 20.70         |
| 15              | 256QAM | 1  | 74 | 19.72  | 19.88  | 19.62  | 20.70         |
| 15              | 256QAM | 36 | 0  | 19.74  | 19.80  | 19.56  | 20.70         |
| 15              | 256QAM | 36 | 20 | 19.52  | 19.78  | 19.55  | 20.70         |
| 15              | 256QAM | 36 | 39 | 19.66  | 19.80  | 19.58  | 20.70         |
| 15              | 256QAM | 75 | 0  | 19.64  | 19.87  | 19.60  | 20.70         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 24.74  | 24.83  | 24.70  | 25.70         |
| 10              | QPSK   | 1  | 25 | 24.57  | 24.83  | 24.56  | 25.70         |
| 10              | QPSK   | 1  | 49 | 24.58  | 24.80  | 24.49  | 25.70         |
| 10              | QPSK   | 25 | 0  | 23.69  | 23.93  | 23.68  | 24.70         |
| 10              | QPSK   | 25 | 12 | 23.62  | 23.80  | 23.57  | 24.70         |
| 10              | QPSK   | 25 | 25 | 23.66  | 23.84  | 23.58  | 24.70         |
| 10              | QPSK   | 50 | 0  | 23.60  | 23.83  | 23.65  | 24.70         |
| 10              | 16QAM  | 1  | 0  | 24.02  | 24.20  | 23.96  | 24.70         |
| 10              | 16QAM  | 1  | 25 | 23.90  | 24.10  | 23.89  | 24.70         |
| 10              | 16QAM  | 1  | 49 | 23.77  | 24.04  | 23.83  | 24.70         |
| 10              | 16QAM  | 25 | 0  | 22.58  | 22.82  | 22.66  | 23.70         |
| 10              | 16QAM  | 25 | 12 | 22.56  | 22.78  | 22.55  | 23.70         |
| 10              | 16QAM  | 25 | 25 | 22.71  | 22.81  | 22.57  | 23.70         |
| 10              | 16QAM  | 50 | 0  | 22.68  | 22.84  | 22.61  | 23.70         |
| 10              | 64QAM  | 1  | 0  | 22.86  | 22.99  | 22.86  | 23.70         |
| 10              | 64QAM  | 1  | 25 | 22.84  | 23.03  | 22.72  | 23.70         |
| 10              | 64QAM  | 1  | 49 | 22.86  | 23.00  | 22.67  | 23.70         |
| 10              | 64QAM  | 25 | 0  | 21.64  | 21.88  | 21.52  | 22.70         |
| 10              | 64QAM  | 25 | 12 | 21.62  | 21.78  | 21.56  | 22.70         |
| 10              | 64QAM  | 25 | 25 | 21.69  | 21.84  | 21.63  | 22.70         |
| 10              | 64QAM  | 50 | 0  | 21.68  | 21.81  | 21.60  | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.83  | 19.94  | 19.79  | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.66  | 19.89  | 19.74  | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.74  | 19.85  | 19.63  | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.64  | 19.79  | 19.53  | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.54  | 19.76  | 19.50  | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.73  | 19.78  | 19.52  | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.68  | 19.84  | 19.55  | 20.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.82  | 24.86  | 24.71  | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.62  | 24.74  | 24.57  | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.51  | 24.80  | 24.49  | 25.70         |
| 5               | QPSK   | 12 | 0  | 23.73  | 23.87  | 23.63  | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.55  | 23.84  | 23.55  | 24.70         |
| 5               | QPSK   | 12 | 13 | 23.67  | 23.90  | 23.60  | 24.70         |
| 5               | QPSK   | 25 | 0  | 23.56  | 23.89  | 23.64  | 24.70         |
| 5               | 16QAM  | 1  | 0  | 24.00  | 24.24  | 23.99  | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.82  | 24.14  | 23.91  | 24.70         |
| 5               | 16QAM  | 1  | 24 | 23.79  | 24.03  | 23.89  | 24.70         |
| 5               | 16QAM  | 12 | 0  | 22.70  | 22.86  | 22.66  | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.60  | 22.86  | 22.64  | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.76  | 22.82  | 22.54  | 23.70         |
| 5               | 16QAM  | 25 | 0  | 22.63  | 22.80  | 22.60  | 23.70         |
| 5               | 64QAM  | 1  | 0  | 22.81  | 23.06  | 22.85  | 23.70         |
| 5               | 64QAM  | 1  | 12 | 22.80  | 23.01  | 22.77  | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.80  | 22.93  | 22.70  | 23.70         |
| 5               | 64QAM  | 12 | 0  | 21.70  | 21.91  | 21.54  | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.55  | 21.84  | 21.53  | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.68  | 21.89  | 21.60  | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.69  | 21.82  | 21.64  | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.90  | 20.04  | 19.82  | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.74  | 19.84  | 19.71  | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.67  | 19.82  | 19.60  | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.76  | 19.80  | 19.62  | 20.70         |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 19.53  | 19.83  | 19.47  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.70  | 19.80  | 19.50  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.63  | 19.81  | 19.58  | 20.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.81  | 24.90  | 24.71  | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.69  | 24.80  | 24.50  | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.54  | 24.78  | 24.49  | 25.70                  |
| 3               | QPSK   | 8  | 0  | 23.63  | 23.81  | 23.68  | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.66  | 23.83  | 23.65  | 24.70                  |
| 3               | QPSK   | 8  | 7  | 23.69  | 23.79  | 23.60  | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.59  | 23.81  | 23.61  | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.91  | 24.14  | 23.94  | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.92  | 24.04  | 23.91  | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.76  | 24.04  | 23.89  | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.68  | 22.91  | 22.66  | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.60  | 22.88  | 22.55  | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.76  | 22.82  | 22.52  | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.60  | 22.81  | 22.70  | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.91  | 23.07  | 22.77  | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.81  | 22.95  | 22.77  | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.77  | 23.01  | 22.69  | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.60  | 21.81  | 21.56  | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.56  | 21.77  | 21.57  | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.71  | 21.81  | 21.64  | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.56  | 21.91  | 21.70  | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.88  | 19.97  | 19.91  | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.66  | 19.81  | 19.66  | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.64  | 19.78  | 19.60  | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.71  | 19.82  | 19.58  | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.51  | 19.86  | 19.55  | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.68  | 19.76  | 19.53  | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.70  | 19.79  | 19.52  | 20.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.73  | 24.85  | 24.65  | 25.70                  |
| 1.4             | QPSK   | 1  | 3  | 24.64  | 24.83  | 24.55  | 25.70                  |
| 1.4             | QPSK   | 1  | 5  | 24.58  | 24.79  | 24.49  | 25.70                  |
| 1.4             | QPSK   | 3  | 0  | 24.63  | 24.85  | 24.67  | 25.70                  |
| 1.4             | QPSK   | 3  | 1  | 24.66  | 24.78  | 24.60  | 25.70                  |
| 1.4             | QPSK   | 3  | 3  | 24.67  | 24.80  | 24.64  | 25.70                  |
| 1.4             | QPSK   | 6  | 0  | 23.61  | 23.82  | 23.67  | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.98  | 24.19  | 24.03  | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.85  | 24.03  | 23.89  | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 23.85  | 23.98  | 23.87  | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.60  | 23.92  | 23.70  | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.53  | 23.78  | 23.62  | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.76  | 23.85  | 23.59  | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.67  | 22.79  | 22.60  | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.82  | 23.11  | 22.86  | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 22.85  | 23.09  | 22.68  | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.77  | 23.03  | 22.71  | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.61  | 22.85  | 22.56  | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.57  | 22.77  | 22.48  | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.75  | 22.83  | 22.62  | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.61  | 21.82  | 21.68  | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.84  | 20.02  | 19.83  | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.74  | 19.87  | 19.68  | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.65  | 19.77  | 19.68  | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.73  | 19.82  | 19.65  | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.63  | 19.84  | 19.47  | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.62  | 19.82  | 19.51  | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.74  | 19.81  | 19.50  | 20.70                  |

**【LTE Band 4\_Ant 3\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 25.17                    | 25.18                       | 25.15                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 25.00                    | 25.10                       | 24.93                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.99                    | 25.01                       | 24.91                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 24.09                    | 24.12                       | 24.05                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.94                    | 24.08                       | 23.90                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 24.07                    | 24.11                       | 24.00                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 24.06                    | 24.18                       | 24.09                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 24.12                    | 24.23                       | 24.07                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 24.01                    | 24.10                       | 24.03                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 24.08                    | 24.11                       | 23.94                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 23.04                    | 23.12                       | 23.02                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 23.00                    | 23.14                       | 23.09                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 23.03                    | 23.09                       | 22.92                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 23.04                    | 23.14                       | 23.05                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 23.06                    | 23.12                       | 23.02                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.96                    | 23.08                       | 23.01                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.93                    | 22.99                       | 22.91                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 22.15                    | 22.19                       | 22.02                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 22.00                    | 22.14                       | 21.98                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.95                    | 22.11                       | 22.00                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 22.04                    | 22.08                       | 22.03                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 20.00                    | 20.03                       | 19.96                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.93                    | 19.96                       | 19.84                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.78                    | 19.90                       | 19.73                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.95                    | 20.10                       | 19.93                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 20.07                    | 20.15                       | 20.04                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.87                    | 20.03                       | 19.92                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.97                    | 20.02                       | 19.94                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.10                    | 25.14                       | 25.07                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.95                    | 25.09                       | 24.80                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.94                    | 24.99                       | 24.83                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.94                    | 24.07                       | 24.01                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.87                    | 23.98                       | 23.81                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.93                    | 24.00                       | 23.96                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.97                    | 24.14                       | 24.04                     | 24.70                  |
| 15              | 16QAM      | 1       | 0         | 24.00                    | 24.18                       | 24.06                     | 24.70                  |
| 15              | 16QAM      | 1       | 37        | 23.95                    | 24.03                       | 23.94                     | 24.70                  |
| 15              | 16QAM      | 1       | 74        | 24.04                    | 24.07                       | 23.83                     | 24.70                  |
| 15              | 16QAM      | 36      | 0         | 23.02                    | 23.04                       | 22.97                     | 23.70                  |
| 15              | 16QAM      | 36      | 20        | 22.94                    | 23.00                       | 23.01                     | 23.70                  |
| 15              | 16QAM      | 36      | 39        | 22.93                    | 23.07                       | 22.82                     | 23.70                  |
| 15              | 16QAM      | 75      | 0         | 22.97                    | 23.09                       | 23.00                     | 23.70                  |
| 15              | 64QAM      | 1       | 0         | 23.02                    | 23.08                       | 22.92                     | 23.70                  |
| 15              | 64QAM      | 1       | 37        | 22.84                    | 22.97                       | 23.00                     | 23.70                  |
| 15              | 64QAM      | 1       | 74        | 22.81                    | 22.92                       | 22.89                     | 23.70                  |
| 15              | 64QAM      | 36      | 0         | 22.01                    | 22.06                       | 21.97                     | 22.70                  |
| 15              | 64QAM      | 36      | 20        | 21.92                    | 22.09                       | 21.87                     | 22.70                  |
| 15              | 64QAM      | 36      | 39        | 21.81                    | 22.08                       | 21.94                     | 22.70                  |
| 15              | 64QAM      | 75      | 0         | 22.00                    | 22.02                       | 21.88                     | 22.70                  |
| 15              | 256QAM     | 1       | 0         | 19.86                    | 19.91                       | 19.81                     | 20.70                  |
| 15              | 256QAM     | 1       | 37        | 19.82                    | 19.87                       | 19.82                     | 20.70                  |
| 15              | 256QAM     | 1       | 74        | 19.72                    | 19.88                       | 19.58                     | 20.70                  |
| 15              | 256QAM     | 36      | 0         | 19.83                    | 20.00                       | 19.88                     | 20.70                  |
| 15              | 256QAM     | 36      | 20        | 19.93                    | 20.08                       | 19.95                     | 20.70                  |
| 15              | 256QAM     | 36      | 39        | 19.76                    | 20.00                       | 19.84                     | 20.70                  |
| 15              | 256QAM     | 75      | 0         | 19.87                    | 19.88                       | 19.89                     | 20.70                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 25.03                    | 25.11                       | 25.09                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.98                    | 24.98                       | 24.83                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.89                    | 24.87                       | 24.80                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 24.06                    | 24.04                       | 23.91                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.92                    | 24.00                       | 23.88                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 24.01                    | 24.09                       | 23.96                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 24.03                    | 24.04                       | 24.00                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.01                    | 24.19                       | 24.02                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.92                    | 23.97                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 23.96                    | 23.98                       | 23.90                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.90                    | 23.03                       | 22.90                     | 23.70                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 16QAM  | 25 | 12 | 22.93  | 23.01  | 22.95  | 23.70         |
| 10              | 16QAM  | 25 | 25 | 22.99  | 23.07  | 22.88  | 23.70         |
| 10              | 16QAM  | 50 | 0  | 22.98  | 23.11  | 23.01  | 23.70         |
| 10              | 64QAM  | 1  | 0  | 22.93  | 22.98  | 22.91  | 23.70         |
| 10              | 64QAM  | 1  | 25 | 22.81  | 23.04  | 22.99  | 23.70         |
| 10              | 64QAM  | 1  | 49 | 22.78  | 22.98  | 22.83  | 23.70         |
| 10              | 64QAM  | 25 | 0  | 22.06  | 22.06  | 21.91  | 22.70         |
| 10              | 64QAM  | 25 | 12 | 21.95  | 22.00  | 21.83  | 22.70         |
| 10              | 64QAM  | 25 | 25 | 21.90  | 22.05  | 21.97  | 22.70         |
| 10              | 64QAM  | 50 | 0  | 21.97  | 21.95  | 21.95  | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.86  | 19.99  | 19.83  | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.88  | 19.93  | 19.74  | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.65  | 19.78  | 19.60  | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.87  | 19.97  | 19.86  | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.95  | 20.07  | 19.93  | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.75  | 20.00  | 19.79  | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.96  | 19.93  | 19.93  | 20.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 25.10  | 25.06  | 25.13  | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.98  | 24.99  | 24.84  | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.87  | 24.93  | 24.84  | 25.70         |
| 5               | QPSK   | 12 | 0  | 24.03  | 24.03  | 23.95  | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.84  | 23.99  | 23.89  | 24.70         |
| 5               | QPSK   | 12 | 13 | 23.96  | 24.03  | 23.87  | 24.70         |
| 5               | QPSK   | 25 | 0  | 24.00  | 24.05  | 24.06  | 24.70         |
| 5               | 16QAM  | 1  | 0  | 24.03  | 24.14  | 23.98  | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.86  | 24.03  | 23.91  | 24.70         |
| 5               | 16QAM  | 1  | 24 | 24.00  | 24.06  | 23.84  | 24.70         |
| 5               | 16QAM  | 12 | 0  | 22.94  | 23.08  | 22.89  | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.97  | 22.99  | 23.07  | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.98  | 23.07  | 22.85  | 23.70         |
| 5               | 16QAM  | 25 | 0  | 23.01  | 23.04  | 22.94  | 23.70         |
| 5               | 64QAM  | 1  | 0  | 22.95  | 23.05  | 22.90  | 23.70         |
| 5               | 64QAM  | 1  | 12 | 22.83  | 22.97  | 22.91  | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.79  | 22.96  | 22.79  | 23.70         |
| 5               | 64QAM  | 12 | 0  | 22.11  | 22.15  | 21.91  | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.89  | 22.04  | 21.84  | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.85  | 22.04  | 21.97  | 22.70         |
| 5               | 64QAM  | 25 | 0  | 22.00  | 21.93  | 21.91  | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.86  | 19.91  | 19.86  | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.90  | 19.89  | 19.77  | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.68  | 19.84  | 19.71  | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.87  | 20.08  | 19.81  | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.94  | 20.06  | 19.99  | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.77  | 20.00  | 19.90  | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.90  | 20.01  | 19.82  | 20.70         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 25.05  | 25.10  | 25.02  | 25.70         |
| 3               | QPSK   | 1  | 8  | 24.95  | 25.08  | 24.83  | 25.70         |
| 3               | QPSK   | 1  | 14 | 24.95  | 24.95  | 24.88  | 25.70         |
| 3               | QPSK   | 8  | 0  | 24.08  | 24.00  | 23.94  | 24.70         |
| 3               | QPSK   | 8  | 4  | 23.79  | 24.02  | 23.87  | 24.70         |
| 3               | QPSK   | 8  | 7  | 24.05  | 24.01  | 23.85  | 24.70         |
| 3               | QPSK   | 15 | 0  | 23.96  | 24.14  | 24.00  | 24.70         |
| 3               | 16QAM  | 1  | 0  | 24.04  | 24.17  | 23.95  | 24.70         |
| 3               | 16QAM  | 1  | 8  | 23.87  | 24.06  | 23.93  | 24.70         |
| 3               | 16QAM  | 1  | 14 | 24.04  | 24.03  | 23.84  | 24.70         |
| 3               | 16QAM  | 8  | 0  | 22.92  | 23.09  | 22.95  | 23.70         |
| 3               | 16QAM  | 8  | 4  | 22.95  | 22.99  | 23.06  | 23.70         |
| 3               | 16QAM  | 8  | 7  | 23.01  | 23.05  | 22.80  | 23.70         |
| 3               | 16QAM  | 15 | 0  | 22.95  | 23.12  | 22.97  | 23.70         |
| 3               | 64QAM  | 1  | 0  | 23.00  | 23.03  | 22.89  | 23.70         |
| 3               | 64QAM  | 1  | 8  | 22.95  | 22.95  | 22.87  | 23.70         |
| 3               | 64QAM  | 1  | 14 | 22.89  | 22.90  | 22.84  | 23.70         |
| 3               | 64QAM  | 8  | 0  | 22.11  | 22.12  | 21.97  | 22.70         |
| 3               | 64QAM  | 8  | 4  | 21.95  | 22.02  | 21.92  | 22.70         |
| 3               | 64QAM  | 8  | 7  | 21.93  | 22.03  | 21.85  | 22.70         |
| 3               | 64QAM  | 15 | 0  | 21.95  | 21.97  | 21.97  | 22.70         |
| 3               | 256QAM | 1  | 0  | 19.90  | 19.89  | 19.86  | 20.70         |
| 3               | 256QAM | 1  | 8  | 19.81  | 19.90  | 19.72  | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.69  | 19.81  | 19.69  | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.92  | 20.07  | 19.89  | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.97  | 20.09  | 19.89  | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.81  | 19.97  | 19.81  | 20.70         |
| 3               | 256QAM | 15 | 0  | 19.88  | 19.93  | 19.91  | 20.70         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 25.09  | 25.11  | 25.07  | 25.70 |
| 1.4             | QPSK   | 1 | 3 | 24.96  | 25.09  | 24.79  | 25.70 |
| 1.4             | QPSK   | 1 | 5 | 24.87  | 24.91  | 24.78  | 25.70 |
| 1.4             | QPSK   | 3 | 0 | 24.95  | 25.01  | 24.98  | 25.70 |
| 1.4             | QPSK   | 3 | 1 | 24.85  | 24.96  | 24.86  | 25.70 |
| 1.4             | QPSK   | 3 | 3 | 24.97  | 25.05  | 24.88  | 25.70 |
| 1.4             | QPSK   | 6 | 0 | 24.02  | 24.05  | 24.05  | 24.70 |
| 1.4             | 16QAM  | 1 | 0 | 24.05  | 24.12  | 23.95  | 24.70 |
| 1.4             | 16QAM  | 1 | 3 | 23.93  | 24.01  | 24.00  | 24.70 |
| 1.4             | 16QAM  | 1 | 5 | 23.95  | 24.05  | 23.82  | 24.70 |
| 1.4             | 16QAM  | 3 | 0 | 23.97  | 23.97  | 24.00  | 24.70 |
| 1.4             | 16QAM  | 3 | 1 | 23.92  | 24.00  | 24.04  | 24.70 |
| 1.4             | 16QAM  | 3 | 3 | 23.94  | 24.06  | 23.82  | 24.70 |
| 1.4             | 16QAM  | 6 | 0 | 23.00  | 23.05  | 23.03  | 23.70 |
| 1.4             | 64QAM  | 1 | 0 | 22.95  | 23.04  | 22.99  | 23.70 |
| 1.4             | 64QAM  | 1 | 3 | 22.91  | 23.02  | 22.95  | 23.70 |
| 1.4             | 64QAM  | 1 | 5 | 22.91  | 22.97  | 22.80  | 23.70 |
| 1.4             | 64QAM  | 3 | 0 | 23.05  | 23.15  | 23.01  | 23.70 |
| 1.4             | 64QAM  | 3 | 1 | 22.85  | 23.04  | 22.90  | 23.70 |
| 1.4             | 64QAM  | 3 | 3 | 22.90  | 22.97  | 22.95  | 23.70 |
| 1.4             | 64QAM  | 6 | 0 | 21.90  | 22.05  | 21.89  | 22.70 |
| 1.4             | 256QAM | 1 | 0 | 19.89  | 20.01  | 19.91  | 20.70 |
| 1.4             | 256QAM | 1 | 3 | 19.88  | 19.83  | 19.76  | 20.70 |
| 1.4             | 256QAM | 1 | 5 | 19.66  | 19.83  | 19.68  | 20.70 |
| 1.4             | 256QAM | 3 | 0 | 19.83  | 20.03  | 19.82  | 20.70 |
| 1.4             | 256QAM | 3 | 1 | 20.06  | 20.01  | 19.89  | 20.70 |
| 1.4             | 256QAM | 3 | 3 | 19.85  | 19.89  | 19.84  | 20.70 |
| 1.4             | 256QAM | 6 | 0 | 19.94  | 20.00  | 19.81  | 20.70 |

**【LTE Band 4\_Ant 3\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.75                    | 22.77                       | 22.72                     | 24.50                  |
| 20              | QPSK       | 1       | 49        | 22.53                    | 22.68                       | 22.58                     | 24.50                  |
| 20              | QPSK       | 1       | 99        | 22.69                    | 22.75                       | 22.58                     | 24.50                  |
| 20              | QPSK       | 50      | 0         | 21.63                    | 21.68                       | 21.64                     | 23.50                  |
| 20              | QPSK       | 50      | 24        | 21.49                    | 21.65                       | 21.59                     | 23.50                  |
| 20              | QPSK       | 50      | 50        | 21.59                    | 21.67                       | 21.57                     | 23.50                  |
| 20              | QPSK       | 100     | 0         | 21.60                    | 21.62                       | 21.61                     | 23.50                  |
| 20              | 16QAM      | 1       | 0         | 21.67                    | 21.82                       | 21.72                     | 23.50                  |
| 20              | 16QAM      | 1       | 49        | 21.67                    | 21.72                       | 21.65                     | 23.50                  |
| 20              | 16QAM      | 1       | 99        | 21.74                    | 21.83                       | 21.66                     | 23.50                  |
| 20              | 16QAM      | 50      | 0         | 20.65                    | 20.69                       | 20.57                     | 22.50                  |
| 20              | 16QAM      | 50      | 24        | 20.55                    | 20.66                       | 20.59                     | 22.50                  |
| 20              | 16QAM      | 50      | 50        | 20.51                    | 20.59                       | 20.47                     | 22.50                  |
| 20              | 16QAM      | 100     | 0         | 20.55                    | 20.71                       | 20.59                     | 22.50                  |
| 20              | 64QAM      | 1       | 0         | 20.57                    | 20.60                       | 20.50                     | 22.50                  |
| 20              | 64QAM      | 1       | 49        | 20.32                    | 20.45                       | 20.34                     | 22.50                  |
| 20              | 64QAM      | 1       | 99        | 20.59                    | 20.64                       | 20.46                     | 22.50                  |
| 20              | 64QAM      | 50      | 0         | 19.61                    | 19.64                       | 19.55                     | 21.50                  |
| 20              | 64QAM      | 50      | 24        | 19.59                    | 19.65                       | 19.54                     | 21.50                  |
| 20              | 64QAM      | 50      | 50        | 19.41                    | 19.56                       | 19.49                     | 21.50                  |
| 20              | 64QAM      | 100     | 0         | 19.60                    | 19.67                       | 19.52                     | 21.50                  |
| 20              | 256QAM     | 1       | 0         | 17.57                    | 17.65                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.56                    | 17.61                       | 17.49                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.49                    | 17.60                       | 17.44                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.64                    | 17.67                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.64                    | 17.67                       | 17.61                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.45                    | 17.56                       | 17.41                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.68                    | 17.72                       | 17.56                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.62                    | 22.75                       | 22.52                     | 24.50                  |
| 15              | QPSK       | 1       | 37        | 22.57                    | 22.57                       | 22.28                     | 24.50                  |
| 15              | QPSK       | 1       | 74        | 22.46                    | 22.66                       | 22.42                     | 24.50                  |
| 15              | QPSK       | 36      | 0         | 21.43                    | 21.66                       | 21.31                     | 23.50                  |
| 15              | QPSK       | 36      | 20        | 21.43                    | 21.50                       | 21.44                     | 23.50                  |
| 15              | QPSK       | 36      | 39        | 21.42                    | 21.43                       | 21.31                     | 23.50                  |
| 15              | QPSK       | 75      | 0         | 21.51                    | 21.56                       | 21.29                     | 23.50                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 21.66  | 21.73  | 21.43  | 23.50         |
| 15              | 16QAM  | 1  | 37 | 21.48  | 21.69  | 21.44  | 23.50         |
| 15              | 16QAM  | 1  | 74 | 21.67  | 21.75  | 21.57  | 23.50         |
| 15              | 16QAM  | 36 | 0  | 20.51  | 20.66  | 20.39  | 22.50         |
| 15              | 16QAM  | 36 | 20 | 20.58  | 20.60  | 20.42  | 22.50         |
| 15              | 16QAM  | 36 | 39 | 20.35  | 20.49  | 20.31  | 22.50         |
| 15              | 16QAM  | 75 | 0  | 20.65  | 20.66  | 20.46  | 22.50         |
| 15              | 64QAM  | 1  | 0  | 20.36  | 20.58  | 20.26  | 22.50         |
| 15              | 64QAM  | 1  | 37 | 20.25  | 20.37  | 20.27  | 22.50         |
| 15              | 64QAM  | 1  | 74 | 20.49  | 20.51  | 20.47  | 22.50         |
| 15              | 64QAM  | 36 | 0  | 19.52  | 19.54  | 19.33  | 21.50         |
| 15              | 64QAM  | 36 | 20 | 19.52  | 19.53  | 19.36  | 21.50         |
| 15              | 64QAM  | 36 | 39 | 19.40  | 19.44  | 19.21  | 21.50         |
| 15              | 64QAM  | 75 | 0  | 19.42  | 19.57  | 19.36  | 21.50         |
| 15              | 256QAM | 1  | 0  | 17.48  | 17.53  | 17.45  | 19.50         |
| 15              | 256QAM | 1  | 37 | 17.44  | 17.59  | 17.44  | 19.50         |
| 15              | 256QAM | 1  | 74 | 17.44  | 17.48  | 17.29  | 19.50         |
| 15              | 256QAM | 36 | 0  | 17.48  | 17.55  | 17.41  | 19.50         |
| 15              | 256QAM | 36 | 20 | 17.56  | 17.65  | 17.42  | 19.50         |
| 15              | 256QAM | 36 | 39 | 17.30  | 17.45  | 17.25  | 19.50         |
| 15              | 256QAM | 75 | 0  | 17.56  | 17.63  | 17.55  | 19.50         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.71  | 22.76  | 22.53  | 24.50         |
| 10              | QPSK   | 1  | 25 | 22.51  | 22.54  | 22.31  | 24.50         |
| 10              | QPSK   | 1  | 49 | 22.57  | 22.64  | 22.41  | 24.50         |
| 10              | QPSK   | 25 | 0  | 21.38  | 21.56  | 21.37  | 23.50         |
| 10              | QPSK   | 25 | 12 | 21.54  | 21.55  | 21.33  | 23.50         |
| 10              | QPSK   | 25 | 25 | 21.36  | 21.48  | 21.26  | 23.50         |
| 10              | QPSK   | 50 | 0  | 21.52  | 21.57  | 21.29  | 23.50         |
| 10              | 16QAM  | 1  | 0  | 21.63  | 21.75  | 21.39  | 23.50         |
| 10              | 16QAM  | 1  | 25 | 21.55  | 21.62  | 21.42  | 23.50         |
| 10              | 16QAM  | 1  | 49 | 21.73  | 21.82  | 21.55  | 23.50         |
| 10              | 16QAM  | 25 | 0  | 20.60  | 20.61  | 20.29  | 22.50         |
| 10              | 16QAM  | 25 | 12 | 20.56  | 20.57  | 20.39  | 22.50         |
| 10              | 16QAM  | 25 | 25 | 20.34  | 20.52  | 20.23  | 22.50         |
| 10              | 16QAM  | 50 | 0  | 20.53  | 20.70  | 20.49  | 22.50         |
| 10              | 64QAM  | 1  | 0  | 20.33  | 20.48  | 20.25  | 22.50         |
| 10              | 64QAM  | 1  | 25 | 20.25  | 20.38  | 20.19  | 22.50         |
| 10              | 64QAM  | 1  | 49 | 20.47  | 20.50  | 20.36  | 22.50         |
| 10              | 64QAM  | 25 | 0  | 19.49  | 19.49  | 19.35  | 21.50         |
| 10              | 64QAM  | 25 | 12 | 19.51  | 19.59  | 19.46  | 21.50         |
| 10              | 64QAM  | 25 | 25 | 19.37  | 19.44  | 19.24  | 21.50         |
| 10              | 64QAM  | 50 | 0  | 19.45  | 19.62  | 19.37  | 21.50         |
| 10              | 256QAM | 1  | 0  | 17.61  | 17.60  | 17.40  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.40  | 17.59  | 17.41  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.35  | 17.49  | 17.33  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.44  | 17.61  | 17.49  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.49  | 17.57  | 17.39  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.42  | 17.45  | 17.21  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.53  | 17.64  | 17.46  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.61  | 22.65  | 22.57  | 24.50         |
| 5               | QPSK   | 1  | 12 | 22.57  | 22.64  | 22.34  | 24.50         |
| 5               | QPSK   | 1  | 24 | 22.53  | 22.61  | 22.32  | 24.50         |
| 5               | QPSK   | 12 | 0  | 21.45  | 21.57  | 21.34  | 23.50         |
| 5               | QPSK   | 12 | 7  | 21.43  | 21.53  | 21.44  | 23.50         |
| 5               | QPSK   | 12 | 13 | 21.44  | 21.50  | 21.30  | 23.50         |
| 5               | QPSK   | 25 | 0  | 21.38  | 21.58  | 21.25  | 23.50         |
| 5               | 16QAM  | 1  | 0  | 21.60  | 21.69  | 21.43  | 23.50         |
| 5               | 16QAM  | 1  | 12 | 21.47  | 21.70  | 21.39  | 23.50         |
| 5               | 16QAM  | 1  | 24 | 21.67  | 21.80  | 21.55  | 23.50         |
| 5               | 16QAM  | 12 | 0  | 20.59  | 20.60  | 20.39  | 22.50         |
| 5               | 16QAM  | 12 | 7  | 20.58  | 20.52  | 20.36  | 22.50         |
| 5               | 16QAM  | 12 | 13 | 20.32  | 20.48  | 20.27  | 22.50         |
| 5               | 16QAM  | 25 | 0  | 20.52  | 20.63  | 20.49  | 22.50         |
| 5               | 64QAM  | 1  | 0  | 20.36  | 20.49  | 20.28  | 22.50         |
| 5               | 64QAM  | 1  | 12 | 20.29  | 20.34  | 20.22  | 22.50         |
| 5               | 64QAM  | 1  | 24 | 20.42  | 20.63  | 20.43  | 22.50         |
| 5               | 64QAM  | 12 | 0  | 19.54  | 19.63  | 19.38  | 21.50         |
| 5               | 64QAM  | 12 | 7  | 19.45  | 19.62  | 19.41  | 21.50         |
| 5               | 64QAM  | 12 | 13 | 19.35  | 19.46  | 19.25  | 21.50         |
| 5               | 64QAM  | 25 | 0  | 19.50  | 19.64  | 19.43  | 21.50         |
| 5               | 256QAM | 1  | 0  | 17.48  | 17.53  | 17.43  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.35  | 17.54  | 17.37  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.46  | 17.53  | 17.38  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.51  | 17.63  | 17.44  | 19.50         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.55  | 17.64  | 17.33  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.33  | 17.48  | 17.29  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.49  | 17.59  | 17.43  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.60  | 22.67  | 22.57  | 24.50                  |
| 3               | QPSK   | 1  | 8  | 22.58  | 22.54  | 22.31  | 24.50                  |
| 3               | QPSK   | 1  | 14 | 22.49  | 22.73  | 22.43  | 24.50                  |
| 3               | QPSK   | 8  | 0  | 21.45  | 21.63  | 21.36  | 23.50                  |
| 3               | QPSK   | 8  | 4  | 21.51  | 21.58  | 21.38  | 23.50                  |
| 3               | QPSK   | 8  | 7  | 21.43  | 21.42  | 21.29  | 23.50                  |
| 3               | QPSK   | 15 | 0  | 21.44  | 21.51  | 21.27  | 23.50                  |
| 3               | 16QAM  | 1  | 0  | 21.63  | 21.73  | 21.44  | 23.50                  |
| 3               | 16QAM  | 1  | 8  | 21.48  | 21.71  | 21.41  | 23.50                  |
| 3               | 16QAM  | 1  | 14 | 21.77  | 21.69  | 21.52  | 23.50                  |
| 3               | 16QAM  | 8  | 0  | 20.53  | 20.59  | 20.41  | 22.50                  |
| 3               | 16QAM  | 8  | 4  | 20.59  | 20.60  | 20.46  | 22.50                  |
| 3               | 16QAM  | 8  | 7  | 20.39  | 20.53  | 20.28  | 22.50                  |
| 3               | 16QAM  | 15 | 0  | 20.61  | 20.67  | 20.43  | 22.50                  |
| 3               | 64QAM  | 1  | 0  | 20.39  | 20.49  | 20.35  | 22.50                  |
| 3               | 64QAM  | 1  | 8  | 20.33  | 20.31  | 20.22  | 22.50                  |
| 3               | 64QAM  | 1  | 14 | 20.47  | 20.61  | 20.47  | 22.50                  |
| 3               | 64QAM  | 8  | 0  | 19.55  | 19.58  | 19.41  | 21.50                  |
| 3               | 64QAM  | 8  | 4  | 19.48  | 19.51  | 19.38  | 21.50                  |
| 3               | 64QAM  | 8  | 7  | 19.34  | 19.48  | 19.27  | 21.50                  |
| 3               | 64QAM  | 15 | 0  | 19.42  | 19.62  | 19.41  | 21.50                  |
| 3               | 256QAM | 1  | 0  | 17.48  | 17.63  | 17.34  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.34  | 17.55  | 17.31  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.46  | 17.53  | 17.31  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.45  | 17.55  | 17.45  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.56  | 17.59  | 17.34  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.42  | 17.52  | 17.22  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.53  | 17.66  | 17.55  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.61  | 22.64  | 22.58  | 24.50                  |
| 1.4             | QPSK   | 1  | 3  | 22.52  | 22.57  | 22.31  | 24.50                  |
| 1.4             | QPSK   | 1  | 5  | 22.48  | 22.69  | 22.39  | 24.50                  |
| 1.4             | QPSK   | 3  | 0  | 22.50  | 22.58  | 22.41  | 24.50                  |
| 1.4             | QPSK   | 3  | 1  | 22.54  | 22.53  | 22.41  | 24.50                  |
| 1.4             | QPSK   | 3  | 3  | 22.45  | 22.53  | 22.28  | 24.50                  |
| 1.4             | QPSK   | 6  | 0  | 21.51  | 21.55  | 21.26  | 23.50                  |
| 1.4             | 16QAM  | 1  | 0  | 21.59  | 21.74  | 21.48  | 23.50                  |
| 1.4             | 16QAM  | 1  | 3  | 21.47  | 21.59  | 21.44  | 23.50                  |
| 1.4             | 16QAM  | 1  | 5  | 21.69  | 21.79  | 21.55  | 23.50                  |
| 1.4             | 16QAM  | 3  | 0  | 21.52  | 21.56  | 21.38  | 23.50                  |
| 1.4             | 16QAM  | 3  | 1  | 21.60  | 21.59  | 21.45  | 23.50                  |
| 1.4             | 16QAM  | 3  | 3  | 21.36  | 21.48  | 21.31  | 23.50                  |
| 1.4             | 16QAM  | 6  | 0  | 20.61  | 20.66  | 20.43  | 22.50                  |
| 1.4             | 64QAM  | 1  | 0  | 20.42  | 20.58  | 20.32  | 22.50                  |
| 1.4             | 64QAM  | 1  | 3  | 20.26  | 20.35  | 20.26  | 22.50                  |
| 1.4             | 64QAM  | 1  | 5  | 20.42  | 20.60  | 20.34  | 22.50                  |
| 1.4             | 64QAM  | 3  | 0  | 20.46  | 20.54  | 20.35  | 22.50                  |
| 1.4             | 64QAM  | 3  | 1  | 20.51  | 20.53  | 20.37  | 22.50                  |
| 1.4             | 64QAM  | 3  | 3  | 20.43  | 20.46  | 20.16  | 22.50                  |
| 1.4             | 64QAM  | 6  | 0  | 19.44  | 19.57  | 19.41  | 21.50                  |
| 1.4             | 256QAM | 1  | 0  | 17.52  | 17.55  | 17.42  | 19.50                  |
| 1.4             | 256QAM | 1  | 3  | 17.34  | 17.51  | 17.40  | 19.50                  |
| 1.4             | 256QAM | 1  | 5  | 17.49  | 17.56  | 17.35  | 19.50                  |
| 1.4             | 256QAM | 3  | 0  | 17.53  | 17.65  | 17.46  | 19.50                  |
| 1.4             | 256QAM | 3  | 1  | 17.51  | 17.59  | 17.40  | 19.50                  |
| 1.4             | 256QAM | 3  | 3  | 17.32  | 17.55  | 17.24  | 19.50                  |
| 1.4             | 256QAM | 6  | 0  | 17.56  | 17.69  | 17.48  | 19.50                  |

**【LTE Band 4\_Ant 3\_ECI1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.11                    | 16.19                       | 16.09                     | 17.20                  |
| 20              | QPSK       | 1       | 49        | 15.90                    | 16.06                       | 15.97                     | 17.20                  |
| 20              | QPSK       | 1       | 99        | 16.06                    | 16.02                       | 15.90                     | 17.20                  |
| 20              | QPSK       | 50      | 0         | 16.09                    | 16.16                       | 16.09                     | 17.20                  |
| 20              | QPSK       | 50      | 24        | 16.08                    | 16.13                       | 15.96                     | 17.20                  |
| 20              | QPSK       | 50      | 50        | 16.02                    | 16.10                       | 16.03                     | 17.20                  |
| 20              | QPSK       | 100     | 0         | 15.86                    | 16.12                       | 16.00                     | 17.20                  |
| 20              | 16QAM      | 1       | 0         | 16.04                    | 16.08                       | 15.83                     | 17.20                  |
| 20              | 16QAM      | 1       | 49        | 15.96                    | 16.00                       | 16.06                     | 17.20                  |
| 20              | 16QAM      | 1       | 99        | 15.85                    | 16.00                       | 15.91                     | 17.20                  |
| 20              | 16QAM      | 50      | 0         | 15.94                    | 16.01                       | 15.98                     | 17.20                  |
| 20              | 16QAM      | 50      | 24        | 15.89                    | 16.13                       | 15.93                     | 17.20                  |
| 20              | 16QAM      | 50      | 50        | 15.82                    | 15.95                       | 15.92                     | 17.20                  |
| 20              | 16QAM      | 100     | 0         | 15.97                    | 16.04                       | 15.82                     | 17.20                  |
| 20              | 64QAM      | 1       | 0         | 15.93                    | 16.04                       | 15.92                     | 17.20                  |
| 20              | 64QAM      | 1       | 49        | 15.87                    | 16.09                       | 16.02                     | 17.20                  |
| 20              | 64QAM      | 1       | 99        | 15.89                    | 16.00                       | 15.95                     | 17.20                  |
| 20              | 64QAM      | 50      | 0         | 15.91                    | 16.09                       | 15.95                     | 17.20                  |
| 20              | 64QAM      | 50      | 24        | 15.83                    | 15.99                       | 15.84                     | 17.20                  |
| 20              | 64QAM      | 50      | 50        | 15.82                    | 16.08                       | 15.94                     | 17.20                  |
| 20              | 64QAM      | 100     | 0         | 15.91                    | 16.03                       | 15.98                     | 17.20                  |
| 20              | 256QAM     | 1       | 0         | 15.95                    | 16.13                       | 16.04                     | 17.20                  |
| 20              | 256QAM     | 1       | 49        | 15.91                    | 16.03                       | 15.87                     | 17.20                  |
| 20              | 256QAM     | 1       | 99        | 15.99                    | 15.95                       | 15.81                     | 17.20                  |
| 20              | 256QAM     | 50      | 0         | 15.90                    | 16.09                       | 15.98                     | 17.20                  |
| 20              | 256QAM     | 50      | 24        | 16.03                    | 16.07                       | 16.10                     | 17.20                  |
| 20              | 256QAM     | 50      | 50        | 15.96                    | 16.01                       | 15.94                     | 17.20                  |
| 20              | 256QAM     | 100     | 0         | 15.88                    | 15.91                       | 15.87                     | 17.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 15.96                    | 16.15                       | 16.04                     | 17.20                  |
| 15              | QPSK       | 1       | 37        | 15.80                    | 15.98                       | 15.95                     | 17.20                  |
| 15              | QPSK       | 1       | 74        | 16.00                    | 15.91                       | 15.85                     | 17.20                  |
| 15              | QPSK       | 36      | 0         | 16.07                    | 16.01                       | 16.06                     | 17.20                  |
| 15              | QPSK       | 36      | 20        | 16.02                    | 16.07                       | 15.88                     | 17.20                  |
| 15              | QPSK       | 36      | 39        | 15.91                    | 15.96                       | 16.02                     | 17.20                  |
| 15              | QPSK       | 75      | 0         | 15.81                    | 16.06                       | 15.85                     | 17.20                  |
| 15              | 16QAM      | 1       | 0         | 16.03                    | 15.94                       | 15.80                     | 17.20                  |
| 15              | 16QAM      | 1       | 37        | 15.83                    | 15.86                       | 16.02                     | 17.20                  |
| 15              | 16QAM      | 1       | 74        | 15.80                    | 15.98                       | 15.89                     | 17.20                  |
| 15              | 16QAM      | 36      | 0         | 15.92                    | 15.98                       | 15.85                     | 17.20                  |
| 15              | 16QAM      | 36      | 20        | 15.82                    | 15.99                       | 15.90                     | 17.20                  |
| 15              | 16QAM      | 36      | 39        | 15.80                    | 15.82                       | 15.86                     | 17.20                  |
| 15              | 16QAM      | 75      | 0         | 15.80                    | 15.89                       | 15.80                     | 17.20                  |
| 15              | 64QAM      | 1       | 0         | 15.87                    | 15.91                       | 15.83                     | 17.20                  |
| 15              | 64QAM      | 1       | 37        | 15.82                    | 16.06                       | 15.96                     | 17.20                  |
| 15              | 64QAM      | 1       | 74        | 15.86                    | 15.93                       | 15.87                     | 17.20                  |
| 15              | 64QAM      | 36      | 0         | 15.82                    | 16.00                       | 15.91                     | 17.20                  |
| 15              | 64QAM      | 36      | 20        | 15.80                    | 15.87                       | 15.80                     | 17.20                  |
| 15              | 64QAM      | 36      | 39        | 15.80                    | 16.01                       | 15.92                     | 17.20                  |
| 15              | 64QAM      | 75      | 0         | 15.88                    | 15.93                       | 15.89                     | 17.20                  |
| 15              | 256QAM     | 1       | 0         | 15.88                    | 16.09                       | 16.02                     | 17.20                  |
| 15              | 256QAM     | 1       | 37        | 15.89                    | 15.92                       | 15.86                     | 17.20                  |
| 15              | 256QAM     | 1       | 74        | 15.88                    | 15.87                       | 15.80                     | 17.20                  |
| 15              | 256QAM     | 36      | 0         | 15.80                    | 16.03                       | 15.88                     | 17.20                  |
| 15              | 256QAM     | 36      | 20        | 15.96                    | 16.05                       | 15.99                     | 17.20                  |
| 15              | 256QAM     | 36      | 39        | 15.92                    | 15.99                       | 15.81                     | 17.20                  |
| 15              | 256QAM     | 75      | 0         | 15.80                    | 15.80                       | 15.81                     | 17.20                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 16.00                    | 16.04                       | 16.02                     | 17.20                  |
| 10              | QPSK       | 1       | 25        | 15.86                    | 15.97                       | 15.92                     | 17.20                  |
| 10              | QPSK       | 1       | 49        | 16.04                    | 15.87                       | 15.80                     | 17.20                  |
| 10              | QPSK       | 25      | 0         | 16.04                    | 16.05                       | 16.07                     | 17.20                  |
| 10              | QPSK       | 25      | 12        | 16.01                    | 16.11                       | 15.95                     | 17.20                  |
| 10              | QPSK       | 25      | 25        | 15.96                    | 15.99                       | 15.91                     | 17.20                  |
| 10              | QPSK       | 50      | 0         | 15.80                    | 16.09                       | 15.93                     | 17.20                  |
| 10              | 16QAM      | 1       | 0         | 16.02                    | 15.95                       | 15.81                     | 17.20                  |
| 10              | 16QAM      | 1       | 25        | 15.83                    | 15.87                       | 15.99                     | 17.20                  |
| 10              | 16QAM      | 1       | 49        | 15.80                    | 15.95                       | 15.89                     | 17.20                  |
| 10              | 16QAM      | 25      | 0         | 15.86                    | 15.88                       | 15.89                     | 17.20                  |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 15.85  | 16.10  | 15.81  | 17.20                  |
| 10              | 16QAM  | 25 | 25 | 15.80  | 15.81  | 15.88  | 17.20                  |
| 10              | 16QAM  | 50 | 0  | 15.80  | 15.92  | 15.81  | 17.20                  |
| 10              | 64QAM  | 1  | 0  | 15.90  | 15.95  | 15.80  | 17.20                  |
| 10              | 64QAM  | 1  | 25 | 15.80  | 16.00  | 15.90  | 17.20                  |
| 10              | 64QAM  | 1  | 49 | 15.80  | 15.88  | 15.89  | 17.20                  |
| 10              | 64QAM  | 25 | 0  | 15.81  | 16.00  | 15.90  | 17.20                  |
| 10              | 64QAM  | 25 | 12 | 15.80  | 15.94  | 15.81  | 17.20                  |
| 10              | 64QAM  | 25 | 25 | 15.80  | 15.93  | 15.87  | 17.20                  |
| 10              | 64QAM  | 50 | 0  | 15.82  | 15.95  | 15.86  | 17.20                  |
| 10              | 256QAM | 1  | 0  | 15.88  | 16.02  | 16.00  | 17.20                  |
| 10              | 256QAM | 1  | 25 | 15.80  | 15.95  | 15.80  | 17.20                  |
| 10              | 256QAM | 1  | 49 | 15.96  | 15.86  | 15.81  | 17.20                  |
| 10              | 256QAM | 25 | 0  | 15.81  | 16.01  | 15.90  | 17.20                  |
| 10              | 256QAM | 25 | 12 | 16.02  | 16.05  | 16.05  | 17.20                  |
| 10              | 256QAM | 25 | 25 | 15.87  | 15.88  | 15.82  | 17.20                  |
| 10              | 256QAM | 50 | 0  | 15.81  | 15.82  | 15.80  | 17.20                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 16.01  | 16.18  | 16.04  | 17.20                  |
| 5               | QPSK   | 1  | 12 | 15.83  | 15.98  | 15.87  | 17.20                  |
| 5               | QPSK   | 1  | 24 | 15.95  | 15.98  | 15.82  | 17.20                  |
| 5               | QPSK   | 12 | 0  | 16.05  | 16.03  | 16.04  | 17.20                  |
| 5               | QPSK   | 12 | 7  | 15.96  | 16.04  | 15.85  | 17.20                  |
| 5               | QPSK   | 12 | 13 | 16.00  | 16.05  | 15.97  | 17.20                  |
| 5               | QPSK   | 25 | 0  | 15.82  | 16.07  | 15.89  | 17.20                  |
| 5               | 16QAM  | 1  | 0  | 15.91  | 16.02  | 15.80  | 17.20                  |
| 5               | 16QAM  | 1  | 12 | 15.94  | 15.98  | 15.94  | 17.20                  |
| 5               | 16QAM  | 1  | 24 | 15.82  | 15.87  | 15.83  | 17.20                  |
| 5               | 16QAM  | 12 | 0  | 15.89  | 15.91  | 15.92  | 17.20                  |
| 5               | 16QAM  | 12 | 7  | 15.82  | 16.04  | 15.80  | 17.20                  |
| 5               | 16QAM  | 12 | 13 | 15.80  | 15.84  | 15.87  | 17.20                  |
| 5               | 16QAM  | 25 | 0  | 15.81  | 15.96  | 15.80  | 17.20                  |
| 5               | 64QAM  | 1  | 0  | 15.80  | 15.99  | 15.80  | 17.20                  |
| 5               | 64QAM  | 1  | 12 | 15.85  | 16.02  | 15.92  | 17.20                  |
| 5               | 64QAM  | 1  | 24 | 15.80  | 15.94  | 15.84  | 17.20                  |
| 5               | 64QAM  | 12 | 0  | 15.81  | 16.00  | 15.94  | 17.20                  |
| 5               | 64QAM  | 12 | 7  | 15.81  | 15.87  | 15.80  | 17.20                  |
| 5               | 64QAM  | 12 | 13 | 15.81  | 16.03  | 15.81  | 17.20                  |
| 5               | 64QAM  | 25 | 0  | 15.82  | 15.88  | 15.92  | 17.20                  |
| 5               | 256QAM | 1  | 0  | 15.86  | 16.07  | 15.96  | 17.20                  |
| 5               | 256QAM | 1  | 12 | 15.90  | 15.97  | 15.81  | 17.20                  |
| 5               | 256QAM | 1  | 24 | 15.86  | 15.85  | 15.81  | 17.20                  |
| 5               | 256QAM | 12 | 0  | 15.81  | 16.05  | 15.90  | 17.20                  |
| 5               | 256QAM | 12 | 7  | 15.99  | 15.98  | 16.04  | 17.20                  |
| 5               | 256QAM | 12 | 13 | 15.85  | 15.93  | 15.86  | 17.20                  |
| 5               | 256QAM | 25 | 0  | 15.81  | 15.89  | 15.81  | 17.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.08  | 16.08  | 16.07  | 17.20                  |
| 3               | QPSK   | 1  | 8  | 15.85  | 16.02  | 15.84  | 17.20                  |
| 3               | QPSK   | 1  | 14 | 15.96  | 15.87  | 15.80  | 17.20                  |
| 3               | QPSK   | 8  | 0  | 16.06  | 16.05  | 16.07  | 17.20                  |
| 3               | QPSK   | 8  | 4  | 16.02  | 15.98  | 15.88  | 17.20                  |
| 3               | QPSK   | 8  | 7  | 15.98  | 16.06  | 15.90  | 17.20                  |
| 3               | QPSK   | 15 | 0  | 15.80  | 16.03  | 15.96  | 17.20                  |
| 3               | 16QAM  | 1  | 0  | 15.96  | 15.98  | 15.80  | 17.20                  |
| 3               | 16QAM  | 1  | 8  | 15.85  | 15.86  | 16.03  | 17.20                  |
| 3               | 16QAM  | 1  | 14 | 15.81  | 15.90  | 15.80  | 17.20                  |
| 3               | 16QAM  | 8  | 0  | 15.84  | 15.97  | 15.92  | 17.20                  |
| 3               | 16QAM  | 8  | 4  | 15.84  | 15.99  | 15.83  | 17.20                  |
| 3               | 16QAM  | 8  | 7  | 15.80  | 15.88  | 15.81  | 17.20                  |
| 3               | 16QAM  | 15 | 0  | 15.81  | 15.97  | 15.82  | 17.20                  |
| 3               | 64QAM  | 1  | 0  | 15.87  | 15.94  | 15.82  | 17.20                  |
| 3               | 64QAM  | 1  | 8  | 15.80  | 16.02  | 15.94  | 17.20                  |
| 3               | 64QAM  | 1  | 14 | 15.85  | 15.90  | 15.94  | 17.20                  |
| 3               | 64QAM  | 8  | 0  | 15.85  | 15.97  | 15.85  | 17.20                  |
| 3               | 64QAM  | 8  | 4  | 15.82  | 15.88  | 15.81  | 17.20                  |
| 3               | 64QAM  | 8  | 7  | 15.82  | 15.98  | 15.83  | 17.20                  |
| 3               | 64QAM  | 15 | 0  | 15.87  | 16.00  | 15.96  | 17.20                  |
| 3               | 256QAM | 1  | 0  | 15.92  | 16.12  | 15.94  | 17.20                  |
| 3               | 256QAM | 1  | 8  | 15.82  | 15.91  | 15.81  | 17.20                  |
| 3               | 256QAM | 1  | 14 | 15.89  | 15.81  | 15.81  | 17.20                  |
| 3               | 256QAM | 8  | 0  | 15.81  | 15.98  | 15.85  | 17.20                  |
| 3               | 256QAM | 8  | 4  | 15.90  | 15.98  | 15.97  | 17.20                  |
| 3               | 256QAM | 8  | 7  | 15.83  | 15.92  | 15.86  | 17.20                  |
| 3               | 256QAM | 15 | 0  | 15.80  | 15.86  | 15.80  | 17.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 16.07  | 16.13  | 16.01  | 17.20 |
| 1.4             | QPSK   | 1 | 3 | 15.83  | 15.94  | 15.91  | 17.20 |
| 1.4             | QPSK   | 1 | 5 | 15.96  | 15.88  | 15.80  | 17.20 |
| 1.4             | QPSK   | 3 | 0 | 16.06  | 16.02  | 16.02  | 17.20 |
| 1.4             | QPSK   | 3 | 1 | 16.05  | 16.12  | 15.86  | 17.20 |
| 1.4             | QPSK   | 3 | 3 | 15.97  | 16.06  | 15.98  | 17.20 |
| 1.4             | QPSK   | 6 | 0 | 15.81  | 16.08  | 15.88  | 17.20 |
| 1.4             | 16QAM  | 1 | 0 | 15.97  | 16.00  | 15.80  | 17.20 |
| 1.4             | 16QAM  | 1 | 3 | 15.88  | 15.97  | 16.03  | 17.20 |
| 1.4             | 16QAM  | 1 | 5 | 15.80  | 15.91  | 15.81  | 17.20 |
| 1.4             | 16QAM  | 3 | 0 | 15.84  | 15.87  | 15.89  | 17.20 |
| 1.4             | 16QAM  | 3 | 1 | 15.88  | 16.00  | 15.81  | 17.20 |
| 1.4             | 16QAM  | 3 | 3 | 15.81  | 15.87  | 15.81  | 17.20 |
| 1.4             | 16QAM  | 6 | 0 | 15.81  | 15.93  | 15.80  | 17.20 |
| 1.4             | 64QAM  | 1 | 0 | 15.85  | 15.94  | 15.85  | 17.20 |
| 1.4             | 64QAM  | 1 | 3 | 15.81  | 16.01  | 15.94  | 17.20 |
| 1.4             | 64QAM  | 1 | 5 | 15.80  | 15.93  | 15.83  | 17.20 |
| 1.4             | 64QAM  | 3 | 0 | 15.82  | 15.95  | 15.90  | 17.20 |
| 1.4             | 64QAM  | 3 | 1 | 15.80  | 15.95  | 15.81  | 17.20 |
| 1.4             | 64QAM  | 3 | 3 | 15.80  | 15.94  | 15.92  | 17.20 |
| 1.4             | 64QAM  | 6 | 0 | 15.83  | 15.88  | 15.93  | 17.20 |
| 1.4             | 256QAM | 1 | 0 | 15.86  | 16.08  | 15.94  | 17.20 |
| 1.4             | 256QAM | 1 | 3 | 15.80  | 15.90  | 15.82  | 17.20 |
| 1.4             | 256QAM | 1 | 5 | 15.89  | 15.84  | 15.80  | 17.20 |
| 1.4             | 256QAM | 3 | 0 | 15.84  | 15.98  | 15.90  | 17.20 |
| 1.4             | 256QAM | 3 | 1 | 16.02  | 15.97  | 15.96  | 17.20 |
| 1.4             | 256QAM | 3 | 3 | 15.88  | 15.92  | 15.83  | 17.20 |
| 1.4             | 256QAM | 6 | 0 | 15.80  | 15.82  | 15.80  | 17.20 |

**【LTE Band 4\_Ant 3\_ECI1-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.51                    | 16.56                       | 16.52                     | 17.20                  |
| 20              | QPSK       | 1       | 49        | 16.31                    | 16.46                       | 16.36                     | 17.20                  |
| 20              | QPSK       | 1       | 99        | 16.24                    | 16.37                       | 16.19                     | 17.20                  |
| 20              | QPSK       | 50      | 0         | 16.42                    | 16.45                       | 16.41                     | 17.20                  |
| 20              | QPSK       | 50      | 24        | 16.22                    | 16.34                       | 16.22                     | 17.20                  |
| 20              | QPSK       | 50      | 50        | 16.26                    | 16.35                       | 16.18                     | 17.20                  |
| 20              | QPSK       | 100     | 0         | 16.23                    | 16.37                       | 16.27                     | 17.20                  |
| 20              | 16QAM      | 1       | 0         | 16.32                    | 16.48                       | 16.42                     | 17.20                  |
| 20              | 16QAM      | 1       | 49        | 16.19                    | 16.39                       | 16.31                     | 17.20                  |
| 20              | 16QAM      | 1       | 99        | 16.33                    | 16.41                       | 16.22                     | 17.20                  |
| 20              | 16QAM      | 50      | 0         | 16.33                    | 16.45                       | 16.38                     | 17.20                  |
| 20              | 16QAM      | 50      | 24        | 16.36                    | 16.46                       | 16.38                     | 17.20                  |
| 20              | 16QAM      | 50      | 50        | 16.29                    | 16.38                       | 16.30                     | 17.20                  |
| 20              | 16QAM      | 100     | 0         | 16.35                    | 16.44                       | 16.29                     | 17.20                  |
| 20              | 64QAM      | 1       | 0         | 16.33                    | 16.46                       | 16.33                     | 17.20                  |
| 20              | 64QAM      | 1       | 49        | 16.27                    | 16.45                       | 16.28                     | 17.20                  |
| 20              | 64QAM      | 1       | 99        | 16.30                    | 16.38                       | 16.30                     | 17.20                  |
| 20              | 64QAM      | 50      | 0         | 16.29                    | 16.43                       | 16.28                     | 17.20                  |
| 20              | 64QAM      | 50      | 24        | 16.32                    | 16.43                       | 16.35                     | 17.20                  |
| 20              | 64QAM      | 50      | 50        | 16.26                    | 16.43                       | 16.33                     | 17.20                  |
| 20              | 64QAM      | 100     | 0         | 16.26                    | 16.34                       | 16.19                     | 17.20                  |
| 20              | 256QAM     | 1       | 0         | 16.32                    | 16.47                       | 16.39                     | 17.20                  |
| 20              | 256QAM     | 1       | 49        | 16.22                    | 16.37                       | 16.29                     | 17.20                  |
| 20              | 256QAM     | 1       | 99        | 16.22                    | 16.40                       | 16.23                     | 17.20                  |
| 20              | 256QAM     | 50      | 0         | 16.43                    | 16.56                       | 16.46                     | 17.20                  |
| 20              | 256QAM     | 50      | 24        | 16.38                    | 16.46                       | 16.34                     | 17.20                  |
| 20              | 256QAM     | 50      | 50        | 16.21                    | 16.37                       | 16.32                     | 17.20                  |
| 20              | 256QAM     | 100     | 0         | 16.32                    | 16.45                       | 16.35                     | 17.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 16.40                    | 16.43                       | 16.39                     | 17.20                  |
| 15              | QPSK       | 1       | 37        | 16.22                    | 16.41                       | 16.28                     | 17.20                  |
| 15              | QPSK       | 1       | 74        | 16.14                    | 16.29                       | 16.18                     | 17.20                  |
| 15              | QPSK       | 36      | 0         | 16.39                    | 16.35                       | 16.32                     | 17.20                  |
| 15              | QPSK       | 36      | 20        | 16.19                    | 16.29                       | 16.11                     | 17.20                  |
| 15              | QPSK       | 36      | 39        | 16.19                    | 16.29                       | 16.06                     | 17.20                  |
| 15              | QPSK       | 75      | 0         | 16.11                    | 16.30                       | 16.22                     | 17.20                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 16.27  | 16.41  | 16.29  | 17.20         |
| 15              | 16QAM  | 1  | 37 | 16.16  | 16.32  | 16.28  | 17.20         |
| 15              | 16QAM  | 1  | 74 | 16.32  | 16.35  | 16.13  | 17.20         |
| 15              | 16QAM  | 36 | 0  | 16.21  | 16.43  | 16.32  | 17.20         |
| 15              | 16QAM  | 36 | 20 | 16.22  | 16.37  | 16.35  | 17.20         |
| 15              | 16QAM  | 36 | 39 | 16.17  | 16.31  | 16.24  | 17.20         |
| 15              | 16QAM  | 75 | 0  | 16.33  | 16.31  | 16.17  | 17.20         |
| 15              | 64QAM  | 1  | 0  | 16.20  | 16.39  | 16.31  | 17.20         |
| 15              | 64QAM  | 1  | 37 | 16.14  | 16.41  | 16.24  | 17.20         |
| 15              | 64QAM  | 1  | 74 | 16.18  | 16.33  | 16.27  | 17.20         |
| 15              | 64QAM  | 36 | 0  | 16.27  | 16.29  | 16.27  | 17.20         |
| 15              | 64QAM  | 36 | 20 | 16.25  | 16.36  | 16.22  | 17.20         |
| 15              | 64QAM  | 36 | 39 | 16.22  | 16.36  | 16.29  | 17.20         |
| 15              | 64QAM  | 75 | 0  | 16.23  | 16.33  | 16.05  | 17.20         |
| 15              | 256QAM | 1  | 0  | 16.21  | 16.35  | 16.28  | 17.20         |
| 15              | 256QAM | 1  | 37 | 16.17  | 16.34  | 16.18  | 17.20         |
| 15              | 256QAM | 1  | 74 | 16.12  | 16.31  | 16.20  | 17.20         |
| 15              | 256QAM | 36 | 0  | 16.34  | 16.47  | 16.37  | 17.20         |
| 15              | 256QAM | 36 | 20 | 16.30  | 16.35  | 16.29  | 17.20         |
| 15              | 256QAM | 36 | 39 | 16.12  | 16.33  | 16.26  | 17.20         |
| 15              | 256QAM | 75 | 0  | 16.27  | 16.39  | 16.28  | 17.20         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 16.44  | 16.43  | 16.38  | 17.20         |
| 10              | QPSK   | 1  | 25 | 16.28  | 16.41  | 16.34  | 17.20         |
| 10              | QPSK   | 1  | 49 | 16.19  | 16.28  | 16.17  | 17.20         |
| 10              | QPSK   | 25 | 0  | 16.33  | 16.34  | 16.30  | 17.20         |
| 10              | QPSK   | 25 | 12 | 16.15  | 16.30  | 16.20  | 17.20         |
| 10              | QPSK   | 25 | 25 | 16.20  | 16.27  | 16.11  | 17.20         |
| 10              | QPSK   | 50 | 0  | 16.08  | 16.28  | 16.17  | 17.20         |
| 10              | 16QAM  | 1  | 0  | 16.22  | 16.38  | 16.35  | 17.20         |
| 10              | 16QAM  | 1  | 25 | 16.18  | 16.25  | 16.27  | 17.20         |
| 10              | 16QAM  | 1  | 49 | 16.29  | 16.40  | 16.13  | 17.20         |
| 10              | 16QAM  | 25 | 0  | 16.30  | 16.40  | 16.31  | 17.20         |
| 10              | 16QAM  | 25 | 12 | 16.31  | 16.32  | 16.32  | 17.20         |
| 10              | 16QAM  | 25 | 25 | 16.14  | 16.36  | 16.19  | 17.20         |
| 10              | 16QAM  | 50 | 0  | 16.34  | 16.32  | 16.23  | 17.20         |
| 10              | 64QAM  | 1  | 0  | 16.22  | 16.42  | 16.32  | 17.20         |
| 10              | 64QAM  | 1  | 25 | 16.26  | 16.42  | 16.24  | 17.20         |
| 10              | 64QAM  | 1  | 49 | 16.25  | 16.36  | 16.19  | 17.20         |
| 10              | 64QAM  | 25 | 0  | 16.25  | 16.34  | 16.17  | 17.20         |
| 10              | 64QAM  | 25 | 12 | 16.26  | 16.29  | 16.32  | 17.20         |
| 10              | 64QAM  | 25 | 25 | 16.12  | 16.33  | 16.21  | 17.20         |
| 10              | 64QAM  | 50 | 0  | 16.18  | 16.29  | 16.17  | 17.20         |
| 10              | 256QAM | 1  | 0  | 16.20  | 16.39  | 16.26  | 17.20         |
| 10              | 256QAM | 1  | 25 | 16.20  | 16.32  | 16.14  | 17.20         |
| 10              | 256QAM | 1  | 49 | 16.18  | 16.39  | 16.12  | 17.20         |
| 10              | 256QAM | 25 | 0  | 16.42  | 16.43  | 16.44  | 17.20         |
| 10              | 256QAM | 25 | 12 | 16.26  | 16.41  | 16.30  | 17.20         |
| 10              | 256QAM | 25 | 25 | 16.06  | 16.31  | 16.28  | 17.20         |
| 10              | 256QAM | 50 | 0  | 16.21  | 16.38  | 16.24  | 17.20         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 16.37  | 16.53  | 16.38  | 17.20         |
| 5               | QPSK   | 1  | 12 | 16.17  | 16.42  | 16.21  | 17.20         |
| 5               | QPSK   | 1  | 24 | 16.12  | 16.29  | 16.12  | 17.20         |
| 5               | QPSK   | 12 | 0  | 16.40  | 16.37  | 16.36  | 17.20         |
| 5               | QPSK   | 12 | 7  | 16.12  | 16.31  | 16.13  | 17.20         |
| 5               | QPSK   | 12 | 13 | 16.20  | 16.32  | 16.07  | 17.20         |
| 5               | QPSK   | 25 | 0  | 16.10  | 16.31  | 16.25  | 17.20         |
| 5               | 16QAM  | 1  | 0  | 16.24  | 16.42  | 16.28  | 17.20         |
| 5               | 16QAM  | 1  | 12 | 16.09  | 16.28  | 16.23  | 17.20         |
| 5               | 16QAM  | 1  | 24 | 16.28  | 16.29  | 16.17  | 17.20         |
| 5               | 16QAM  | 12 | 0  | 16.24  | 16.39  | 16.29  | 17.20         |
| 5               | 16QAM  | 12 | 7  | 16.34  | 16.34  | 16.34  | 17.20         |
| 5               | 16QAM  | 12 | 13 | 16.19  | 16.27  | 16.18  | 17.20         |
| 5               | 16QAM  | 25 | 0  | 16.22  | 16.34  | 16.25  | 17.20         |
| 5               | 64QAM  | 1  | 0  | 16.27  | 16.38  | 16.31  | 17.20         |
| 5               | 64QAM  | 1  | 12 | 16.17  | 16.37  | 16.23  | 17.20         |
| 5               | 64QAM  | 1  | 24 | 16.15  | 16.29  | 16.21  | 17.20         |
| 5               | 64QAM  | 12 | 0  | 16.27  | 16.32  | 16.21  | 17.20         |
| 5               | 64QAM  | 12 | 7  | 16.27  | 16.30  | 16.27  | 17.20         |
| 5               | 64QAM  | 12 | 13 | 16.14  | 16.37  | 16.25  | 17.20         |
| 5               | 64QAM  | 25 | 0  | 16.23  | 16.23  | 16.07  | 17.20         |
| 5               | 256QAM | 1  | 0  | 16.25  | 16.43  | 16.25  | 17.20         |
| 5               | 256QAM | 1  | 12 | 16.10  | 16.24  | 16.27  | 17.20         |
| 5               | 256QAM | 1  | 24 | 16.11  | 16.32  | 16.13  | 17.20         |
| 5               | 256QAM | 12 | 0  | 16.37  | 16.45  | 16.35  | 17.20         |



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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 16.36  | 16.40  | 16.25  | 17.20                  |
| 5               | 256QAM | 12 | 13 | 16.16  | 16.30  | 16.24  | 17.20                  |
| 5               | 256QAM | 25 | 0  | 16.17  | 16.39  | 16.25  | 17.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.39  | 16.55  | 16.46  | 17.20                  |
| 3               | QPSK   | 1  | 8  | 16.17  | 16.40  | 16.33  | 17.20                  |
| 3               | QPSK   | 1  | 14 | 16.12  | 16.33  | 16.14  | 17.20                  |
| 3               | QPSK   | 8  | 0  | 16.40  | 16.38  | 16.32  | 17.20                  |
| 3               | QPSK   | 8  | 4  | 16.09  | 16.24  | 16.09  | 17.20                  |
| 3               | QPSK   | 8  | 7  | 16.19  | 16.32  | 16.09  | 17.20                  |
| 3               | QPSK   | 15 | 0  | 16.14  | 16.32  | 16.13  | 17.20                  |
| 3               | 16QAM  | 1  | 0  | 16.21  | 16.36  | 16.40  | 17.20                  |
| 3               | 16QAM  | 1  | 8  | 16.17  | 16.26  | 16.18  | 17.20                  |
| 3               | 16QAM  | 1  | 14 | 16.24  | 16.37  | 16.14  | 17.20                  |
| 3               | 16QAM  | 8  | 0  | 16.31  | 16.37  | 16.31  | 17.20                  |
| 3               | 16QAM  | 8  | 4  | 16.27  | 16.38  | 16.26  | 17.20                  |
| 3               | 16QAM  | 8  | 7  | 16.18  | 16.28  | 16.23  | 17.20                  |
| 3               | 16QAM  | 15 | 0  | 16.31  | 16.32  | 16.22  | 17.20                  |
| 3               | 64QAM  | 1  | 0  | 16.24  | 16.37  | 16.29  | 17.20                  |
| 3               | 64QAM  | 1  | 8  | 16.17  | 16.38  | 16.23  | 17.20                  |
| 3               | 64QAM  | 1  | 14 | 16.24  | 16.30  | 16.20  | 17.20                  |
| 3               | 64QAM  | 8  | 0  | 16.27  | 16.28  | 16.18  | 17.20                  |
| 3               | 64QAM  | 8  | 4  | 16.22  | 16.40  | 16.25  | 17.20                  |
| 3               | 64QAM  | 8  | 7  | 16.16  | 16.32  | 16.26  | 17.20                  |
| 3               | 64QAM  | 15 | 0  | 16.21  | 16.28  | 16.16  | 17.20                  |
| 3               | 256QAM | 1  | 0  | 16.30  | 16.39  | 16.29  | 17.20                  |
| 3               | 256QAM | 1  | 8  | 16.19  | 16.31  | 16.20  | 17.20                  |
| 3               | 256QAM | 1  | 14 | 16.16  | 16.31  | 16.09  | 17.20                  |
| 3               | 256QAM | 8  | 0  | 16.37  | 16.52  | 16.43  | 17.20                  |
| 3               | 256QAM | 8  | 4  | 16.23  | 16.32  | 16.22  | 17.20                  |
| 3               | 256QAM | 8  | 7  | 16.16  | 16.22  | 16.26  | 17.20                  |
| 3               | 256QAM | 15 | 0  | 16.26  | 16.31  | 16.26  | 17.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 16.47  | 16.46  | 16.39  | 17.20                  |
| 1.4             | QPSK   | 1  | 3  | 16.20  | 16.37  | 16.35  | 17.20                  |
| 1.4             | QPSK   | 1  | 5  | 16.22  | 16.24  | 16.07  | 17.20                  |
| 1.4             | QPSK   | 3  | 0  | 16.36  | 16.39  | 16.34  | 17.20                  |
| 1.4             | QPSK   | 3  | 1  | 16.12  | 16.28  | 16.15  | 17.20                  |
| 1.4             | QPSK   | 3  | 3  | 16.21  | 16.23  | 16.15  | 17.20                  |
| 1.4             | QPSK   | 6  | 0  | 16.21  | 16.36  | 16.21  | 17.20                  |
| 1.4             | 16QAM  | 1  | 0  | 16.26  | 16.46  | 16.32  | 17.20                  |
| 1.4             | 16QAM  | 1  | 3  | 16.11  | 16.29  | 16.21  | 17.20                  |
| 1.4             | 16QAM  | 1  | 5  | 16.18  | 16.32  | 16.15  | 17.20                  |
| 1.4             | 16QAM  | 3  | 0  | 16.23  | 16.33  | 16.27  | 17.20                  |
| 1.4             | 16QAM  | 3  | 1  | 16.27  | 16.33  | 16.27  | 17.20                  |
| 1.4             | 16QAM  | 3  | 3  | 16.18  | 16.23  | 16.21  | 17.20                  |
| 1.4             | 16QAM  | 6  | 0  | 16.29  | 16.35  | 16.17  | 17.20                  |
| 1.4             | 64QAM  | 1  | 0  | 16.31  | 16.42  | 16.29  | 17.20                  |
| 1.4             | 64QAM  | 1  | 3  | 16.16  | 16.40  | 16.20  | 17.20                  |
| 1.4             | 64QAM  | 1  | 5  | 16.26  | 16.36  | 16.23  | 17.20                  |
| 1.4             | 64QAM  | 3  | 0  | 16.26  | 16.35  | 16.17  | 17.20                  |
| 1.4             | 64QAM  | 3  | 1  | 16.30  | 16.36  | 16.28  | 17.20                  |
| 1.4             | 64QAM  | 3  | 3  | 16.19  | 16.30  | 16.26  | 17.20                  |
| 1.4             | 64QAM  | 6  | 0  | 16.17  | 16.29  | 16.16  | 17.20                  |
| 1.4             | 256QAM | 1  | 0  | 16.30  | 16.41  | 16.37  | 17.20                  |
| 1.4             | 256QAM | 1  | 3  | 16.10  | 16.26  | 16.27  | 17.20                  |
| 1.4             | 256QAM | 1  | 5  | 16.13  | 16.31  | 16.09  | 17.20                  |
| 1.4             | 256QAM | 3  | 0  | 16.38  | 16.46  | 16.43  | 17.20                  |
| 1.4             | 256QAM | 3  | 1  | 16.29  | 16.35  | 16.31  | 17.20                  |
| 1.4             | 256QAM | 3  | 3  | 16.15  | 16.32  | 16.29  | 17.20                  |
| 1.4             | 256QAM | 6  | 0  | 16.19  | 16.35  | 16.26  | 17.20                  |

**【LTE Band 4\_Ant 3\_ECI1-2】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | 18.00                  |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.30                    | 16.34                       | 16.31                     | 18.00                  |
| 20              | QPSK       | 1       | 49        | 16.10                    | 16.16                       | 16.04                     | 18.00                  |
| 20              | QPSK       | 1       | 99        | 16.07                    | 16.15                       | 16.07                     | 18.00                  |
| 20              | QPSK       | 50      | 0         | 16.10                    | 16.16                       | 16.12                     | 18.00                  |
| 20              | QPSK       | 50      | 24        | 16.00                    | 16.06                       | 16.01                     | 18.00                  |
| 20              | QPSK       | 50      | 50        | 16.02                    | 16.11                       | 16.02                     | 18.00                  |
| 20              | QPSK       | 100     | 0         | 15.93                    | 16.07                       | 16.02                     | 18.00                  |
| 20              | 16QAM      | 1       | 0         | 15.91                    | 16.09                       | 16.01                     | 18.00                  |
| 20              | 16QAM      | 1       | 49        | 16.10                    | 16.15                       | 16.05                     | 18.00                  |
| 20              | 16QAM      | 1       | 99        | 16.03                    | 16.10                       | 15.96                     | 18.00                  |
| 20              | 16QAM      | 50      | 0         | 15.93                    | 16.03                       | 15.93                     | 18.00                  |
| 20              | 16QAM      | 50      | 24        | 15.98                    | 16.17                       | 16.09                     | 18.00                  |
| 20              | 16QAM      | 50      | 50        | 16.02                    | 16.10                       | 15.92                     | 18.00                  |
| 20              | 16QAM      | 100     | 0         | 15.90                    | 16.08                       | 16.02                     | 18.00                  |
| 20              | 64QAM      | 1       | 0         | 15.91                    | 16.04                       | 15.91                     | 18.00                  |
| 20              | 64QAM      | 1       | 49        | 15.91                    | 16.07                       | 15.91                     | 18.00                  |
| 20              | 64QAM      | 1       | 99        | 15.97                    | 16.10                       | 15.94                     | 18.00                  |
| 20              | 64QAM      | 50      | 0         | 16.07                    | 16.12                       | 16.02                     | 18.00                  |
| 20              | 64QAM      | 50      | 24        | 15.97                    | 16.08                       | 15.96                     | 18.00                  |
| 20              | 64QAM      | 50      | 50        | 16.02                    | 16.13                       | 15.98                     | 18.00                  |
| 20              | 64QAM      | 100     | 0         | 16.10                    | 16.17                       | 16.01                     | 18.00                  |
| 20              | 256QAM     | 1       | 0         | 16.00                    | 16.06                       | 15.98                     | 18.00                  |
| 20              | 256QAM     | 1       | 49        | 15.92                    | 16.07                       | 15.96                     | 18.00                  |
| 20              | 256QAM     | 1       | 99        | 15.97                    | 16.07                       | 15.92                     | 18.00                  |
| 20              | 256QAM     | 50      | 0         | 16.19                    | 16.34                       | 16.24                     | 18.00                  |
| 20              | 256QAM     | 50      | 24        | 16.08                    | 16.16                       | 16.04                     | 18.00                  |
| 20              | 256QAM     | 50      | 50        | 15.97                    | 16.15                       | 16.09                     | 18.00                  |
| 20              | 256QAM     | 100     | 0         | 16.05                    | 16.16                       | 16.05                     | 18.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | 18.00                  |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 16.15                    | 16.33                       | 16.22                     | 18.00                  |
| 15              | QPSK       | 1       | 37        | 15.96                    | 16.06                       | 15.99                     | 18.00                  |
| 15              | QPSK       | 1       | 74        | 15.96                    | 16.02                       | 15.93                     | 18.00                  |
| 15              | QPSK       | 36      | 0         | 15.96                    | 16.07                       | 16.02                     | 18.00                  |
| 15              | QPSK       | 36      | 20        | 15.93                    | 16.05                       | 15.99                     | 18.00                  |
| 15              | QPSK       | 36      | 39        | 15.92                    | 16.09                       | 15.88                     | 18.00                  |
| 15              | QPSK       | 75      | 0         | 15.82                    | 16.05                       | 15.92                     | 18.00                  |
| 15              | 16QAM      | 1       | 0         | 15.79                    | 16.02                       | 16.00                     | 18.00                  |
| 15              | 16QAM      | 1       | 37        | 15.97                    | 16.12                       | 15.92                     | 18.00                  |
| 15              | 16QAM      | 1       | 74        | 15.99                    | 15.98                       | 15.83                     | 18.00                  |
| 15              | 16QAM      | 36      | 0         | 15.82                    | 16.01                       | 15.80                     | 18.00                  |
| 15              | 16QAM      | 36      | 20        | 15.86                    | 16.08                       | 16.03                     | 18.00                  |
| 15              | 16QAM      | 36      | 39        | 15.98                    | 16.06                       | 15.77                     | 18.00                  |
| 15              | 16QAM      | 75      | 0         | 15.78                    | 16.02                       | 15.95                     | 18.00                  |
| 15              | 64QAM      | 1       | 0         | 15.80                    | 16.00                       | 15.84                     | 18.00                  |
| 15              | 64QAM      | 1       | 37        | 15.78                    | 16.02                       | 15.83                     | 18.00                  |
| 15              | 64QAM      | 1       | 74        | 15.87                    | 15.99                       | 15.83                     | 18.00                  |
| 15              | 64QAM      | 36      | 0         | 16.02                    | 16.04                       | 15.94                     | 18.00                  |
| 15              | 64QAM      | 36      | 20        | 15.88                    | 15.94                       | 15.88                     | 18.00                  |
| 15              | 64QAM      | 36      | 39        | 15.99                    | 16.09                       | 15.84                     | 18.00                  |
| 15              | 64QAM      | 75      | 0         | 15.98                    | 16.13                       | 15.97                     | 18.00                  |
| 15              | 256QAM     | 1       | 0         | 15.89                    | 15.92                       | 15.89                     | 18.00                  |
| 15              | 256QAM     | 1       | 37        | 15.90                    | 16.00                       | 15.90                     | 18.00                  |
| 15              | 256QAM     | 1       | 74        | 15.86                    | 15.98                       | 15.87                     | 18.00                  |
| 15              | 256QAM     | 36      | 0         | 16.08                    | 16.30                       | 16.16                     | 18.00                  |
| 15              | 256QAM     | 36      | 20        | 16.06                    | 16.06                       | 15.99                     | 18.00                  |
| 15              | 256QAM     | 36      | 39        | 15.87                    | 16.05                       | 16.06                     | 18.00                  |
| 15              | 256QAM     | 75      | 0         | 15.98                    | 16.07                       | 15.97                     | 18.00                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | 18.00                  |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 16.28                    | 16.21                       | 16.17                     | 18.00                  |
| 10              | QPSK       | 1       | 25        | 15.98                    | 16.13                       | 15.93                     | 18.00                  |
| 10              | QPSK       | 1       | 49        | 16.04                    | 16.11                       | 16.03                     | 18.00                  |
| 10              | QPSK       | 25      | 0         | 16.00                    | 16.04                       | 16.01                     | 18.00                  |
| 10              | QPSK       | 25      | 12        | 15.93                    | 16.00                       | 15.92                     | 18.00                  |
| 10              | QPSK       | 25      | 25        | 15.93                    | 16.05                       | 15.95                     | 18.00                  |
| 10              | QPSK       | 50      | 0         | 15.92                    | 16.00                       | 15.97                     | 18.00                  |
| 10              | 16QAM      | 1       | 0         | 15.80                    | 16.04                       | 15.91                     | 18.00                  |
| 10              | 16QAM      | 1       | 25        | 15.96                    | 16.13                       | 15.97                     | 18.00                  |
| 10              | 16QAM      | 1       | 49        | 15.89                    | 16.07                       | 15.90                     | 18.00                  |
| 10              | 16QAM      | 25      | 0         | 15.78                    | 15.96                       | 15.79                     | 18.00                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 15.95  | 16.10  | 16.06  | 18.00                  |
| 10              | 16QAM  | 25 | 25 | 15.98  | 15.98  | 15.83  | 18.00                  |
| 10              | 16QAM  | 50 | 0  | 15.79  | 15.95  | 15.88  | 18.00                  |
| 10              | 64QAM  | 1  | 0  | 15.80  | 15.94  | 15.86  | 18.00                  |
| 10              | 64QAM  | 1  | 25 | 15.76  | 16.04  | 15.83  | 18.00                  |
| 10              | 64QAM  | 1  | 49 | 15.88  | 16.01  | 15.84  | 18.00                  |
| 10              | 64QAM  | 25 | 0  | 15.95  | 15.99  | 15.89  | 18.00                  |
| 10              | 64QAM  | 25 | 12 | 15.94  | 16.06  | 15.92  | 18.00                  |
| 10              | 64QAM  | 25 | 25 | 15.97  | 16.12  | 15.87  | 18.00                  |
| 10              | 64QAM  | 50 | 0  | 16.06  | 16.13  | 15.97  | 18.00                  |
| 10              | 256QAM | 1  | 0  | 15.97  | 16.03  | 15.89  | 18.00                  |
| 10              | 256QAM | 1  | 25 | 15.83  | 15.96  | 15.92  | 18.00                  |
| 10              | 256QAM | 1  | 49 | 15.92  | 16.05  | 15.78  | 18.00                  |
| 10              | 256QAM | 25 | 0  | 16.14  | 16.27  | 16.14  | 18.00                  |
| 10              | 256QAM | 25 | 12 | 16.04  | 16.09  | 15.97  | 18.00                  |
| 10              | 256QAM | 25 | 25 | 15.89  | 16.02  | 16.03  | 18.00                  |
| 10              | 256QAM | 50 | 0  | 15.99  | 16.08  | 15.93  | 18.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 16.18  | 16.29  | 16.27  | 18.00                  |
| 5               | QPSK   | 1  | 12 | 16.01  | 16.10  | 15.99  | 18.00                  |
| 5               | QPSK   | 1  | 24 | 16.00  | 16.10  | 15.99  | 18.00                  |
| 5               | QPSK   | 12 | 0  | 16.04  | 16.05  | 16.07  | 18.00                  |
| 5               | QPSK   | 12 | 7  | 15.90  | 16.01  | 15.91  | 18.00                  |
| 5               | QPSK   | 12 | 13 | 15.94  | 16.04  | 15.88  | 18.00                  |
| 5               | QPSK   | 25 | 0  | 15.91  | 16.05  | 15.96  | 18.00                  |
| 5               | 16QAM  | 1  | 0  | 15.83  | 16.06  | 15.90  | 18.00                  |
| 5               | 16QAM  | 1  | 12 | 16.02  | 16.01  | 15.92  | 18.00                  |
| 5               | 16QAM  | 1  | 24 | 16.00  | 16.08  | 15.88  | 18.00                  |
| 5               | 16QAM  | 12 | 0  | 15.78  | 16.01  | 15.84  | 18.00                  |
| 5               | 16QAM  | 12 | 7  | 15.93  | 16.15  | 16.06  | 18.00                  |
| 5               | 16QAM  | 12 | 13 | 15.90  | 16.09  | 15.86  | 18.00                  |
| 5               | 16QAM  | 25 | 0  | 15.87  | 16.07  | 15.93  | 18.00                  |
| 5               | 64QAM  | 1  | 0  | 15.78  | 15.97  | 15.76  | 18.00                  |
| 5               | 64QAM  | 1  | 12 | 15.81  | 15.93  | 15.84  | 18.00                  |
| 5               | 64QAM  | 1  | 24 | 15.85  | 16.03  | 15.84  | 18.00                  |
| 5               | 64QAM  | 12 | 0  | 15.95  | 16.08  | 15.95  | 18.00                  |
| 5               | 64QAM  | 12 | 7  | 15.88  | 16.05  | 15.85  | 18.00                  |
| 5               | 64QAM  | 12 | 13 | 16.00  | 16.01  | 15.84  | 18.00                  |
| 5               | 64QAM  | 25 | 0  | 15.99  | 16.08  | 15.99  | 18.00                  |
| 5               | 256QAM | 1  | 0  | 15.88  | 15.97  | 15.93  | 18.00                  |
| 5               | 256QAM | 1  | 12 | 15.81  | 16.00  | 15.93  | 18.00                  |
| 5               | 256QAM | 1  | 24 | 15.89  | 15.97  | 15.84  | 18.00                  |
| 5               | 256QAM | 12 | 0  | 16.07  | 16.28  | 16.15  | 18.00                  |
| 5               | 256QAM | 12 | 7  | 15.95  | 16.06  | 16.00  | 18.00                  |
| 5               | 256QAM | 12 | 13 | 15.89  | 16.10  | 16.07  | 18.00                  |
| 5               | 256QAM | 25 | 0  | 15.92  | 16.12  | 15.97  | 18.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.17  | 16.30  | 16.17  | 18.00                  |
| 3               | QPSK   | 1  | 8  | 15.95  | 16.15  | 15.89  | 18.00                  |
| 3               | QPSK   | 1  | 14 | 16.02  | 16.00  | 15.94  | 18.00                  |
| 3               | QPSK   | 8  | 0  | 16.02  | 16.15  | 16.07  | 18.00                  |
| 3               | QPSK   | 8  | 4  | 15.88  | 15.94  | 15.93  | 18.00                  |
| 3               | QPSK   | 8  | 7  | 15.88  | 16.00  | 15.99  | 18.00                  |
| 3               | QPSK   | 15 | 0  | 15.90  | 15.94  | 16.01  | 18.00                  |
| 3               | 16QAM  | 1  | 0  | 15.86  | 15.98  | 15.93  | 18.00                  |
| 3               | 16QAM  | 1  | 8  | 16.00  | 16.14  | 15.98  | 18.00                  |
| 3               | 16QAM  | 1  | 14 | 15.89  | 15.97  | 15.84  | 18.00                  |
| 3               | 16QAM  | 8  | 0  | 15.91  | 16.01  | 15.86  | 18.00                  |
| 3               | 16QAM  | 8  | 4  | 15.97  | 16.02  | 15.98  | 18.00                  |
| 3               | 16QAM  | 8  | 7  | 15.89  | 16.09  | 15.84  | 18.00                  |
| 3               | 16QAM  | 15 | 0  | 15.88  | 15.95  | 15.91  | 18.00                  |
| 3               | 64QAM  | 1  | 0  | 15.83  | 15.98  | 15.77  | 18.00                  |
| 3               | 64QAM  | 1  | 8  | 15.89  | 16.03  | 15.89  | 18.00                  |
| 3               | 64QAM  | 1  | 14 | 15.93  | 15.98  | 15.83  | 18.00                  |
| 3               | 64QAM  | 8  | 0  | 16.03  | 16.11  | 15.92  | 18.00                  |
| 3               | 64QAM  | 8  | 4  | 15.91  | 16.06  | 15.85  | 18.00                  |
| 3               | 64QAM  | 8  | 7  | 15.95  | 16.10  | 15.89  | 18.00                  |
| 3               | 64QAM  | 15 | 0  | 16.04  | 16.13  | 15.90  | 18.00                  |
| 3               | 256QAM | 1  | 0  | 15.91  | 16.02  | 15.94  | 18.00                  |
| 3               | 256QAM | 1  | 8  | 15.90  | 16.00  | 15.82  | 18.00                  |
| 3               | 256QAM | 1  | 14 | 15.96  | 15.96  | 15.87  | 18.00                  |
| 3               | 256QAM | 8  | 0  | 16.07  | 16.30  | 16.16  | 18.00                  |
| 3               | 256QAM | 8  | 4  | 15.94  | 16.08  | 15.92  | 18.00                  |
| 3               | 256QAM | 8  | 7  | 15.88  | 16.00  | 15.96  | 18.00                  |
| 3               | 256QAM | 15 | 0  | 16.01  | 16.14  | 16.01  | 18.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 16.24  | 16.29  | 16.25  | 18.00 |
| 1.4             | QPSK   | 1 | 3 | 15.95  | 16.02  | 15.96  | 18.00 |
| 1.4             | QPSK   | 1 | 5 | 16.00  | 16.14  | 16.01  | 18.00 |
| 1.4             | QPSK   | 3 | 0 | 15.95  | 16.07  | 16.00  | 18.00 |
| 1.4             | QPSK   | 3 | 1 | 15.96  | 16.01  | 15.88  | 18.00 |
| 1.4             | QPSK   | 3 | 3 | 15.89  | 16.05  | 15.91  | 18.00 |
| 1.4             | QPSK   | 6 | 0 | 15.91  | 16.05  | 15.94  | 18.00 |
| 1.4             | 16QAM  | 1 | 0 | 15.89  | 15.99  | 15.99  | 18.00 |
| 1.4             | 16QAM  | 1 | 3 | 15.96  | 16.01  | 15.92  | 18.00 |
| 1.4             | 16QAM  | 1 | 5 | 15.99  | 16.04  | 15.85  | 18.00 |
| 1.4             | 16QAM  | 3 | 0 | 15.86  | 15.92  | 15.80  | 18.00 |
| 1.4             | 16QAM  | 3 | 1 | 15.89  | 16.09  | 15.95  | 18.00 |
| 1.4             | 16QAM  | 3 | 3 | 15.95  | 15.99  | 15.82  | 18.00 |
| 1.4             | 16QAM  | 6 | 0 | 15.84  | 16.03  | 15.99  | 18.00 |
| 1.4             | 64QAM  | 1 | 0 | 15.79  | 15.94  | 15.77  | 18.00 |
| 1.4             | 64QAM  | 1 | 3 | 15.78  | 16.04  | 15.84  | 18.00 |
| 1.4             | 64QAM  | 1 | 5 | 15.91  | 15.96  | 15.81  | 18.00 |
| 1.4             | 64QAM  | 3 | 0 | 15.98  | 15.98  | 15.93  | 18.00 |
| 1.4             | 64QAM  | 3 | 1 | 15.95  | 16.00  | 15.92  | 18.00 |
| 1.4             | 64QAM  | 3 | 3 | 15.95  | 16.10  | 15.95  | 18.00 |
| 1.4             | 64QAM  | 6 | 0 | 16.04  | 16.15  | 15.92  | 18.00 |
| 1.4             | 256QAM | 1 | 0 | 15.94  | 15.98  | 15.92  | 18.00 |
| 1.4             | 256QAM | 1 | 3 | 15.81  | 16.03  | 15.93  | 18.00 |
| 1.4             | 256QAM | 1 | 5 | 15.94  | 16.02  | 15.83  | 18.00 |
| 1.4             | 256QAM | 3 | 0 | 16.18  | 16.23  | 16.18  | 18.00 |
| 1.4             | 256QAM | 3 | 1 | 15.96  | 16.05  | 16.02  | 18.00 |
| 1.4             | 256QAM | 3 | 3 | 15.88  | 16.07  | 16.06  | 18.00 |
| 1.4             | 256QAM | 6 | 0 | 15.98  | 16.14  | 16.00  | 18.00 |

【LTE Band 4\_Ant 3\_ECI3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.16                    | 17.19                       | 17.13                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 17.07                    | 17.14                       | 17.00                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 16.99                    | 17.07                       | 16.94                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 17.11                    | 17.16                       | 17.10                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 16.91                    | 17.08                       | 16.88                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 16.91                    | 17.07                       | 16.96                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 17.09                    | 17.12                       | 17.06                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 16.90                    | 16.97                       | 16.88                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 16.87                    | 17.00                       | 16.88                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 16.99                    | 17.11                       | 16.90                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 16.94                    | 17.10                       | 16.97                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 16.96                    | 17.10                       | 16.94                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 16.91                    | 17.07                       | 16.93                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 16.91                    | 17.02                       | 16.88                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 16.95                    | 17.01                       | 16.92                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 17.00                    | 17.09                       | 17.02                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 16.85                    | 16.99                       | 16.81                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 17.03                    | 17.08                       | 17.00                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 16.94                    | 17.05                       | 16.91                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 16.93                    | 17.08                       | 16.89                     | 18.20                  |
| 20              | 64QAM      | 100     | 0         | 16.93                    | 17.07                       | 16.92                     | 18.20                  |
| 20              | 256QAM     | 1       | 0         | 16.96                    | 17.03                       | 16.92                     | 18.20                  |
| 20              | 256QAM     | 1       | 49        | 16.99                    | 17.11                       | 17.02                     | 18.20                  |
| 20              | 256QAM     | 1       | 99        | 16.87                    | 17.02                       | 16.94                     | 18.20                  |
| 20              | 256QAM     | 50      | 0         | 16.90                    | 17.03                       | 16.89                     | 18.20                  |
| 20              | 256QAM     | 50      | 24        | 16.92                    | 17.09                       | 16.89                     | 18.20                  |
| 20              | 256QAM     | 50      | 50        | 16.91                    | 17.00                       | 16.81                     | 18.20                  |
| 20              | 256QAM     | 100     | 0         | 16.87                    | 17.05                       | 16.94                     | 18.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.11                    | 17.13                       | 17.04                     | 18.20                  |
| 15              | QPSK       | 1       | 37        | 16.96                    | 17.03                       | 16.95                     | 18.20                  |
| 15              | QPSK       | 1       | 74        | 16.86                    | 17.05                       | 16.80                     | 18.20                  |
| 15              | QPSK       | 36      | 0         | 17.10                    | 17.07                       | 17.02                     | 18.20                  |
| 15              | QPSK       | 36      | 20        | 16.81                    | 17.04                       | 16.86                     | 18.20                  |
| 15              | QPSK       | 36      | 39        | 16.80                    | 17.01                       | 16.84                     | 18.20                  |
| 15              | QPSK       | 75      | 0         | 17.02                    | 16.99                       | 16.98                     | 18.20                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 16.80  | 16.93  | 16.85  | 18.20         |
| 15              | 16QAM  | 1  | 37 | 16.80  | 16.97  | 16.83  | 18.20         |
| 15              | 16QAM  | 1  | 74 | 16.87  | 17.09  | 16.84  | 18.20         |
| 15              | 16QAM  | 36 | 0  | 16.81  | 16.98  | 16.95  | 18.20         |
| 15              | 16QAM  | 36 | 20 | 16.87  | 16.98  | 16.90  | 18.20         |
| 15              | 16QAM  | 36 | 39 | 16.81  | 17.01  | 16.82  | 18.20         |
| 15              | 16QAM  | 75 | 0  | 16.88  | 16.95  | 16.80  | 18.20         |
| 15              | 64QAM  | 1  | 0  | 16.88  | 16.92  | 16.88  | 18.20         |
| 15              | 64QAM  | 1  | 37 | 16.91  | 17.07  | 16.94  | 18.20         |
| 15              | 64QAM  | 1  | 74 | 16.80  | 16.92  | 16.80  | 18.20         |
| 15              | 64QAM  | 36 | 0  | 16.96  | 16.98  | 16.97  | 18.20         |
| 15              | 64QAM  | 36 | 20 | 16.80  | 16.91  | 16.86  | 18.20         |
| 15              | 64QAM  | 36 | 39 | 16.82  | 16.97  | 16.80  | 18.20         |
| 15              | 64QAM  | 75 | 0  | 16.80  | 16.94  | 16.84  | 18.20         |
| 15              | 256QAM | 1  | 0  | 16.84  | 16.97  | 16.87  | 18.20         |
| 15              | 256QAM | 1  | 37 | 16.89  | 16.99  | 16.96  | 18.20         |
| 15              | 256QAM | 1  | 74 | 16.82  | 16.97  | 16.93  | 18.20         |
| 15              | 256QAM | 36 | 0  | 16.82  | 17.01  | 16.81  | 18.20         |
| 15              | 256QAM | 36 | 20 | 16.87  | 16.97  | 16.81  | 18.20         |
| 15              | 256QAM | 36 | 39 | 16.80  | 16.91  | 16.80  | 18.20         |
| 15              | 256QAM | 75 | 0  | 16.82  | 16.90  | 16.85  | 18.20         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.02  | 17.10  | 17.05  | 18.20         |
| 10              | QPSK   | 1  | 25 | 17.02  | 17.08  | 16.87  | 18.20         |
| 10              | QPSK   | 1  | 49 | 16.86  | 17.05  | 16.86  | 18.20         |
| 10              | QPSK   | 25 | 0  | 17.01  | 17.08  | 16.96  | 18.20         |
| 10              | QPSK   | 25 | 12 | 16.81  | 17.03  | 16.81  | 18.20         |
| 10              | QPSK   | 25 | 25 | 16.80  | 17.04  | 16.92  | 18.20         |
| 10              | QPSK   | 50 | 0  | 17.04  | 17.04  | 16.93  | 18.20         |
| 10              | 16QAM  | 1  | 0  | 16.81  | 16.92  | 16.83  | 18.20         |
| 10              | 16QAM  | 1  | 25 | 16.81  | 16.91  | 16.85  | 18.20         |
| 10              | 16QAM  | 1  | 49 | 16.88  | 17.06  | 16.85  | 18.20         |
| 10              | 16QAM  | 25 | 0  | 16.80  | 16.95  | 16.92  | 18.20         |
| 10              | 16QAM  | 25 | 12 | 16.88  | 17.02  | 16.80  | 18.20         |
| 10              | 16QAM  | 25 | 25 | 16.81  | 17.03  | 16.85  | 18.20         |
| 10              | 16QAM  | 50 | 0  | 16.82  | 16.95  | 16.81  | 18.20         |
| 10              | 64QAM  | 1  | 0  | 16.80  | 16.97  | 16.90  | 18.20         |
| 10              | 64QAM  | 1  | 25 | 16.95  | 17.01  | 16.99  | 18.20         |
| 10              | 64QAM  | 1  | 49 | 16.80  | 16.92  | 16.82  | 18.20         |
| 10              | 64QAM  | 25 | 0  | 16.97  | 16.98  | 16.92  | 18.20         |
| 10              | 64QAM  | 25 | 12 | 16.81  | 16.90  | 16.87  | 18.20         |
| 10              | 64QAM  | 25 | 25 | 16.85  | 16.97  | 16.80  | 18.20         |
| 10              | 64QAM  | 50 | 0  | 16.80  | 17.05  | 16.82  | 18.20         |
| 10              | 256QAM | 1  | 0  | 16.89  | 16.98  | 16.87  | 18.20         |
| 10              | 256QAM | 1  | 25 | 16.96  | 17.09  | 16.87  | 18.20         |
| 10              | 256QAM | 1  | 49 | 16.81  | 16.89  | 16.87  | 18.20         |
| 10              | 256QAM | 25 | 0  | 16.84  | 17.00  | 16.82  | 18.20         |
| 10              | 256QAM | 25 | 12 | 16.85  | 16.94  | 16.80  | 18.20         |
| 10              | 256QAM | 25 | 25 | 16.80  | 16.90  | 16.80  | 18.20         |
| 10              | 256QAM | 50 | 0  | 16.80  | 16.95  | 16.89  | 18.20         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.06  | 17.17  | 17.02  | 18.20         |
| 5               | QPSK   | 1  | 12 | 16.96  | 17.07  | 16.98  | 18.20         |
| 5               | QPSK   | 1  | 24 | 16.84  | 17.04  | 16.82  | 18.20         |
| 5               | QPSK   | 12 | 0  | 17.09  | 17.08  | 16.98  | 18.20         |
| 5               | QPSK   | 12 | 7  | 16.82  | 17.01  | 16.83  | 18.20         |
| 5               | QPSK   | 12 | 13 | 16.80  | 17.04  | 16.91  | 18.20         |
| 5               | QPSK   | 25 | 0  | 17.04  | 17.01  | 16.97  | 18.20         |
| 5               | 16QAM  | 1  | 0  | 16.81  | 16.84  | 16.84  | 18.20         |
| 5               | 16QAM  | 1  | 12 | 16.80  | 16.89  | 16.80  | 18.20         |
| 5               | 16QAM  | 1  | 24 | 16.94  | 17.06  | 16.85  | 18.20         |
| 5               | 16QAM  | 12 | 0  | 16.88  | 17.04  | 16.92  | 18.20         |
| 5               | 16QAM  | 12 | 7  | 16.94  | 16.96  | 16.89  | 18.20         |
| 5               | 16QAM  | 12 | 13 | 16.87  | 17.05  | 16.83  | 18.20         |
| 5               | 16QAM  | 25 | 0  | 16.80  | 16.88  | 16.84  | 18.20         |
| 5               | 64QAM  | 1  | 0  | 16.84  | 16.88  | 16.86  | 18.20         |
| 5               | 64QAM  | 1  | 12 | 16.91  | 16.99  | 17.00  | 18.20         |
| 5               | 64QAM  | 1  | 24 | 16.80  | 16.92  | 16.81  | 18.20         |
| 5               | 64QAM  | 12 | 0  | 16.92  | 17.05  | 16.96  | 18.20         |
| 5               | 64QAM  | 12 | 7  | 16.84  | 17.03  | 16.80  | 18.20         |
| 5               | 64QAM  | 12 | 13 | 16.83  | 16.97  | 16.82  | 18.20         |
| 5               | 64QAM  | 25 | 0  | 16.81  | 17.01  | 16.87  | 18.20         |
| 5               | 256QAM | 1  | 0  | 16.91  | 16.88  | 16.81  | 18.20         |
| 5               | 256QAM | 1  | 12 | 16.91  | 16.96  | 16.97  | 18.20         |
| 5               | 256QAM | 1  | 24 | 16.80  | 17.00  | 16.92  | 18.20         |
| 5               | 256QAM | 12 | 0  | 16.81  | 16.93  | 16.81  | 18.20         |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 16.81  | 17.08  | 16.84  | 18.20                  |
| 5               | 256QAM | 12 | 13 | 16.83  | 16.88  | 16.80  | 18.20                  |
| 5               | 256QAM | 25 | 0  | 16.84  | 17.04  | 16.84  | 18.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.11  | 17.07  | 17.00  | 18.20                  |
| 3               | QPSK   | 1  | 8  | 16.97  | 17.13  | 16.89  | 18.20                  |
| 3               | QPSK   | 1  | 14 | 16.88  | 16.94  | 16.85  | 18.20                  |
| 3               | QPSK   | 8  | 0  | 17.09  | 17.06  | 17.05  | 18.20                  |
| 3               | QPSK   | 8  | 4  | 16.86  | 16.98  | 16.80  | 18.20                  |
| 3               | QPSK   | 8  | 7  | 16.88  | 16.93  | 16.81  | 18.20                  |
| 3               | QPSK   | 15 | 0  | 17.01  | 17.01  | 16.96  | 18.20                  |
| 3               | 16QAM  | 1  | 0  | 16.82  | 16.85  | 16.82  | 18.20                  |
| 3               | 16QAM  | 1  | 8  | 16.80  | 16.98  | 16.80  | 18.20                  |
| 3               | 16QAM  | 1  | 14 | 16.90  | 17.02  | 16.80  | 18.20                  |
| 3               | 16QAM  | 8  | 0  | 16.81  | 16.99  | 16.86  | 18.20                  |
| 3               | 16QAM  | 8  | 4  | 16.82  | 17.02  | 16.90  | 18.20                  |
| 3               | 16QAM  | 8  | 7  | 16.82  | 17.01  | 16.89  | 18.20                  |
| 3               | 16QAM  | 15 | 0  | 16.87  | 16.94  | 16.80  | 18.20                  |
| 3               | 64QAM  | 1  | 0  | 16.84  | 16.93  | 16.85  | 18.20                  |
| 3               | 64QAM  | 1  | 8  | 16.93  | 16.98  | 16.99  | 18.20                  |
| 3               | 64QAM  | 1  | 14 | 16.81  | 16.90  | 16.81  | 18.20                  |
| 3               | 64QAM  | 8  | 0  | 16.98  | 17.04  | 16.93  | 18.20                  |
| 3               | 64QAM  | 8  | 4  | 16.92  | 16.95  | 16.86  | 18.20                  |
| 3               | 64QAM  | 8  | 7  | 16.81  | 17.00  | 16.80  | 18.20                  |
| 3               | 64QAM  | 15 | 0  | 16.88  | 16.95  | 16.88  | 18.20                  |
| 3               | 256QAM | 1  | 0  | 16.83  | 16.93  | 16.88  | 18.20                  |
| 3               | 256QAM | 1  | 8  | 16.84  | 16.99  | 16.91  | 18.20                  |
| 3               | 256QAM | 1  | 14 | 16.82  | 16.91  | 16.93  | 18.20                  |
| 3               | 256QAM | 8  | 0  | 16.88  | 16.95  | 16.84  | 18.20                  |
| 3               | 256QAM | 8  | 4  | 16.90  | 17.02  | 16.80  | 18.20                  |
| 3               | 256QAM | 8  | 7  | 16.90  | 16.88  | 16.82  | 18.20                  |
| 3               | 256QAM | 15 | 0  | 16.86  | 16.97  | 16.88  | 18.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.08  | 17.14  | 17.08  | 18.20                  |
| 1.4             | QPSK   | 1  | 3  | 17.00  | 17.09  | 16.98  | 18.20                  |
| 1.4             | QPSK   | 1  | 5  | 16.87  | 16.97  | 16.83  | 18.20                  |
| 1.4             | QPSK   | 3  | 0  | 16.99  | 17.07  | 17.03  | 18.20                  |
| 1.4             | QPSK   | 3  | 1  | 16.80  | 16.97  | 16.86  | 18.20                  |
| 1.4             | QPSK   | 3  | 3  | 16.80  | 16.93  | 16.92  | 18.20                  |
| 1.4             | QPSK   | 6  | 0  | 17.03  | 17.00  | 16.96  | 18.20                  |
| 1.4             | 16QAM  | 1  | 0  | 16.86  | 16.94  | 16.81  | 18.20                  |
| 1.4             | 16QAM  | 1  | 3  | 16.83  | 16.98  | 16.86  | 18.20                  |
| 1.4             | 16QAM  | 1  | 5  | 16.95  | 17.03  | 16.80  | 18.20                  |
| 1.4             | 16QAM  | 3  | 0  | 16.89  | 17.09  | 16.94  | 18.20                  |
| 1.4             | 16QAM  | 3  | 1  | 16.84  | 17.05  | 16.92  | 18.20                  |
| 1.4             | 16QAM  | 3  | 3  | 16.84  | 17.00  | 16.91  | 18.20                  |
| 1.4             | 16QAM  | 6  | 0  | 16.86  | 16.98  | 16.81  | 18.20                  |
| 1.4             | 64QAM  | 1  | 0  | 16.82  | 16.88  | 16.82  | 18.20                  |
| 1.4             | 64QAM  | 1  | 3  | 16.89  | 17.01  | 16.95  | 18.20                  |
| 1.4             | 64QAM  | 1  | 5  | 16.80  | 16.87  | 16.81  | 18.20                  |
| 1.4             | 64QAM  | 3  | 0  | 16.89  | 17.02  | 16.86  | 18.20                  |
| 1.4             | 64QAM  | 3  | 1  | 16.82  | 16.92  | 16.87  | 18.20                  |
| 1.4             | 64QAM  | 3  | 3  | 16.90  | 17.03  | 16.81  | 18.20                  |
| 1.4             | 64QAM  | 6  | 0  | 16.91  | 16.95  | 16.84  | 18.20                  |
| 1.4             | 256QAM | 1  | 0  | 16.92  | 16.94  | 16.88  | 18.20                  |
| 1.4             | 256QAM | 1  | 3  | 16.90  | 16.98  | 17.00  | 18.20                  |
| 1.4             | 256QAM | 1  | 5  | 16.81  | 16.89  | 16.80  | 18.20                  |
| 1.4             | 256QAM | 3  | 0  | 16.80  | 16.91  | 16.83  | 18.20                  |
| 1.4             | 256QAM | 3  | 1  | 16.87  | 17.07  | 16.86  | 18.20                  |
| 1.4             | 256QAM | 3  | 3  | 16.85  | 16.93  | 16.80  | 18.20                  |
| 1.4             | 256QAM | 6  | 0  | 16.80  | 16.91  | 16.83  | 18.20                  |



## 【LTE Band 4\_Ant 3\_ECI3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | 18.20                  |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.61                    | 17.64                       | 17.62                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 17.35                    | 17.43                       | 17.27                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 17.51                    | 17.57                       | 17.50                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 17.56                    | 17.58                       | 17.53                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 17.36                    | 17.42                       | 17.26                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 17.29                    | 17.45                       | 17.39                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 17.49                    | 17.56                       | 17.48                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 17.35                    | 17.49                       | 17.36                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 17.30                    | 17.44                       | 17.38                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 17.35                    | 17.41                       | 17.36                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 17.42                    | 17.48                       | 17.39                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 17.40                    | 17.46                       | 17.36                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 17.38                    | 17.48                       | 17.38                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 17.37                    | 17.51                       | 17.47                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 17.36                    | 17.42                       | 17.36                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 17.26                    | 17.40                       | 17.26                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 17.35                    | 17.48                       | 17.34                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 17.27                    | 17.44                       | 17.37                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 17.43                    | 17.51                       | 17.47                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 17.44                    | 17.51                       | 17.37                     | 18.20                  |
| 20              | 64QAM      | 100     | 0         | 17.40                    | 17.52                       | 17.39                     | 18.20                  |
| 20              | 256QAM     | 1       | 0         | 17.33                    | 17.47                       | 17.43                     | 18.20                  |
| 20              | 256QAM     | 1       | 49        | 17.34                    | 17.38                       | 17.35                     | 18.20                  |
| 20              | 256QAM     | 1       | 99        | 17.46                    | 17.53                       | 17.39                     | 18.20                  |
| 20              | 256QAM     | 50      | 0         | 17.32                    | 17.40                       | 17.30                     | 18.20                  |
| 20              | 256QAM     | 50      | 24        | 17.29                    | 17.47                       | 17.33                     | 18.20                  |
| 20              | 256QAM     | 50      | 50        | 17.22                    | 17.38                       | 17.32                     | 18.20                  |
| 20              | 256QAM     | 100     | 0         | 17.48                    | 17.58                       | 17.51                     | 18.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | 18.20                  |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.50                    | 17.62                       | 17.50                     | 18.20                  |
| 15              | QPSK       | 1       | 37        | 17.28                    | 17.34                       | 17.25                     | 18.20                  |
| 15              | QPSK       | 1       | 74        | 17.40                    | 17.48                       | 17.47                     | 18.20                  |
| 15              | QPSK       | 36      | 0         | 17.49                    | 17.45                       | 17.48                     | 18.20                  |
| 15              | QPSK       | 36      | 20        | 17.23                    | 17.35                       | 17.17                     | 18.20                  |
| 15              | QPSK       | 36      | 39        | 17.24                    | 17.31                       | 17.24                     | 18.20                  |
| 15              | QPSK       | 75      | 0         | 17.44                    | 17.37                       | 17.40                     | 18.20                  |
| 15              | 16QAM      | 1       | 0         | 17.33                    | 17.37                       | 17.28                     | 18.20                  |
| 15              | 16QAM      | 1       | 37        | 17.18                    | 17.32                       | 17.26                     | 18.20                  |
| 15              | 16QAM      | 1       | 74        | 17.26                    | 17.27                       | 17.29                     | 18.20                  |
| 15              | 16QAM      | 36      | 0         | 17.41                    | 17.41                       | 17.32                     | 18.20                  |
| 15              | 16QAM      | 36      | 20        | 17.29                    | 17.41                       | 17.21                     | 18.20                  |
| 15              | 16QAM      | 36      | 39        | 17.34                    | 17.36                       | 17.29                     | 18.20                  |
| 15              | 16QAM      | 75      | 0         | 17.23                    | 17.43                       | 17.40                     | 18.20                  |
| 15              | 64QAM      | 1       | 0         | 17.31                    | 17.39                       | 17.30                     | 18.20                  |
| 15              | 64QAM      | 1       | 37        | 17.14                    | 17.26                       | 17.19                     | 18.20                  |
| 15              | 64QAM      | 1       | 74        | 17.27                    | 17.46                       | 17.22                     | 18.20                  |
| 15              | 64QAM      | 36      | 0         | 17.16                    | 17.33                       | 17.25                     | 18.20                  |
| 15              | 64QAM      | 36      | 20        | 17.34                    | 17.38                       | 17.43                     | 18.20                  |
| 15              | 64QAM      | 36      | 39        | 17.38                    | 17.44                       | 17.33                     | 18.20                  |
| 15              | 64QAM      | 75      | 0         | 17.29                    | 17.45                       | 17.35                     | 18.20                  |
| 15              | 256QAM     | 1       | 0         | 17.22                    | 17.40                       | 17.33                     | 18.20                  |
| 15              | 256QAM     | 1       | 37        | 17.32                    | 17.31                       | 17.29                     | 18.20                  |
| 15              | 256QAM     | 1       | 74        | 17.35                    | 17.44                       | 17.28                     | 18.20                  |
| 15              | 256QAM     | 36      | 0         | 17.18                    | 17.29                       | 17.16                     | 18.20                  |
| 15              | 256QAM     | 36      | 20        | 17.27                    | 17.41                       | 17.18                     | 18.20                  |
| 15              | 256QAM     | 36      | 39        | 17.14                    | 17.30                       | 17.19                     | 18.20                  |
| 15              | 256QAM     | 75      | 0         | 17.34                    | 17.45                       | 17.41                     | 18.20                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | 18.20                  |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.50                    | 17.55                       | 17.60                     | 18.20                  |
| 10              | QPSK       | 1       | 25        | 17.22                    | 17.32                       | 17.16                     | 18.20                  |
| 10              | QPSK       | 1       | 49        | 17.45                    | 17.47                       | 17.41                     | 18.20                  |
| 10              | QPSK       | 25      | 0         | 17.54                    | 17.54                       | 17.45                     | 18.20                  |
| 10              | QPSK       | 25      | 12        | 17.23                    | 17.33                       | 17.23                     | 18.20                  |
| 10              | QPSK       | 25      | 25        | 17.22                    | 17.44                       | 17.26                     | 18.20                  |
| 10              | QPSK       | 50      | 0         | 17.46                    | 17.45                       | 17.41                     | 18.20                  |
| 10              | 16QAM      | 1       | 0         | 17.21                    | 17.38                       | 17.28                     | 18.20                  |
| 10              | 16QAM      | 1       | 25        | 17.20                    | 17.30                       | 17.35                     | 18.20                  |
| 10              | 16QAM      | 1       | 49        | 17.28                    | 17.32                       | 17.27                     | 18.20                  |
| 10              | 16QAM      | 25      | 0         | 17.34                    | 17.47                       | 17.36                     | 18.20                  |



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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.39  | 17.33  | 17.25  | 18.20                  |
| 10              | 16QAM  | 25 | 25 | 17.33  | 17.38  | 17.37  | 18.20                  |
| 10              | 16QAM  | 50 | 0  | 17.32  | 17.45  | 17.33  | 18.20                  |
| 10              | 64QAM  | 1  | 0  | 17.26  | 17.40  | 17.29  | 18.20                  |
| 10              | 64QAM  | 1  | 25 | 17.21  | 17.30  | 17.15  | 18.20                  |
| 10              | 64QAM  | 1  | 49 | 17.29  | 17.42  | 17.23  | 18.20                  |
| 10              | 64QAM  | 25 | 0  | 17.17  | 17.39  | 17.33  | 18.20                  |
| 10              | 64QAM  | 25 | 12 | 17.30  | 17.37  | 17.38  | 18.20                  |
| 10              | 64QAM  | 25 | 25 | 17.31  | 17.42  | 17.33  | 18.20                  |
| 10              | 64QAM  | 50 | 0  | 17.26  | 17.37  | 17.35  | 18.20                  |
| 10              | 256QAM | 1  | 0  | 17.19  | 17.33  | 17.34  | 18.20                  |
| 10              | 256QAM | 1  | 25 | 17.27  | 17.26  | 17.27  | 18.20                  |
| 10              | 256QAM | 1  | 49 | 17.33  | 17.49  | 17.25  | 18.20                  |
| 10              | 256QAM | 25 | 0  | 17.29  | 17.29  | 17.17  | 18.20                  |
| 10              | 256QAM | 25 | 12 | 17.25  | 17.38  | 17.20  | 18.20                  |
| 10              | 256QAM | 25 | 25 | 17.14  | 17.28  | 17.29  | 18.20                  |
| 10              | 256QAM | 50 | 0  | 17.35  | 17.57  | 17.37  | 18.20                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.49  | 17.59  | 17.58  | 18.20                  |
| 5               | QPSK   | 1  | 12 | 17.31  | 17.31  | 17.13  | 18.20                  |
| 5               | QPSK   | 1  | 24 | 17.44  | 17.49  | 17.43  | 18.20                  |
| 5               | QPSK   | 12 | 0  | 17.44  | 17.53  | 17.52  | 18.20                  |
| 5               | QPSK   | 12 | 7  | 17.30  | 17.28  | 17.17  | 18.20                  |
| 5               | QPSK   | 12 | 13 | 17.26  | 17.34  | 17.32  | 18.20                  |
| 5               | QPSK   | 25 | 0  | 17.42  | 17.38  | 17.43  | 18.20                  |
| 5               | 16QAM  | 1  | 0  | 17.30  | 17.35  | 17.25  | 18.20                  |
| 5               | 16QAM  | 1  | 12 | 17.24  | 17.29  | 17.25  | 18.20                  |
| 5               | 16QAM  | 1  | 24 | 17.27  | 17.32  | 17.30  | 18.20                  |
| 5               | 16QAM  | 12 | 0  | 17.41  | 17.36  | 17.36  | 18.20                  |
| 5               | 16QAM  | 12 | 7  | 17.35  | 17.37  | 17.33  | 18.20                  |
| 5               | 16QAM  | 12 | 13 | 17.25  | 17.47  | 17.26  | 18.20                  |
| 5               | 16QAM  | 25 | 0  | 17.36  | 17.48  | 17.34  | 18.20                  |
| 5               | 64QAM  | 1  | 0  | 17.27  | 17.40  | 17.25  | 18.20                  |
| 5               | 64QAM  | 1  | 12 | 17.19  | 17.29  | 17.24  | 18.20                  |
| 5               | 64QAM  | 1  | 24 | 17.26  | 17.38  | 17.22  | 18.20                  |
| 5               | 64QAM  | 12 | 0  | 17.23  | 17.40  | 17.34  | 18.20                  |
| 5               | 64QAM  | 12 | 7  | 17.40  | 17.43  | 17.36  | 18.20                  |
| 5               | 64QAM  | 12 | 13 | 17.30  | 17.48  | 17.22  | 18.20                  |
| 5               | 64QAM  | 25 | 0  | 17.28  | 17.45  | 17.32  | 18.20                  |
| 5               | 256QAM | 1  | 0  | 17.28  | 17.42  | 17.40  | 18.20                  |
| 5               | 256QAM | 1  | 12 | 17.26  | 17.24  | 17.26  | 18.20                  |
| 5               | 256QAM | 1  | 24 | 17.40  | 17.44  | 17.36  | 18.20                  |
| 5               | 256QAM | 12 | 0  | 17.23  | 17.31  | 17.25  | 18.20                  |
| 5               | 256QAM | 12 | 7  | 17.22  | 17.40  | 17.29  | 18.20                  |
| 5               | 256QAM | 12 | 13 | 17.20  | 17.29  | 17.27  | 18.20                  |
| 5               | 256QAM | 25 | 0  | 17.47  | 17.51  | 17.47  | 18.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.59  | 17.62  | 17.57  | 18.20                  |
| 3               | QPSK   | 1  | 8  | 17.31  | 17.36  | 17.22  | 18.20                  |
| 3               | QPSK   | 1  | 14 | 17.47  | 17.50  | 17.42  | 18.20                  |
| 3               | QPSK   | 8  | 0  | 17.43  | 17.52  | 17.47  | 18.20                  |
| 3               | QPSK   | 8  | 4  | 17.23  | 17.34  | 17.20  | 18.20                  |
| 3               | QPSK   | 8  | 7  | 17.15  | 17.31  | 17.37  | 18.20                  |
| 3               | QPSK   | 15 | 0  | 17.46  | 17.37  | 17.40  | 18.20                  |
| 3               | 16QAM  | 1  | 0  | 17.20  | 17.39  | 17.35  | 18.20                  |
| 3               | 16QAM  | 1  | 8  | 17.25  | 17.32  | 17.25  | 18.20                  |
| 3               | 16QAM  | 1  | 14 | 17.27  | 17.32  | 17.25  | 18.20                  |
| 3               | 16QAM  | 8  | 0  | 17.29  | 17.42  | 17.33  | 18.20                  |
| 3               | 16QAM  | 8  | 4  | 17.29  | 17.44  | 17.27  | 18.20                  |
| 3               | 16QAM  | 8  | 7  | 17.29  | 17.43  | 17.35  | 18.20                  |
| 3               | 16QAM  | 15 | 0  | 17.24  | 17.40  | 17.32  | 18.20                  |
| 3               | 64QAM  | 1  | 0  | 17.31  | 17.35  | 17.24  | 18.20                  |
| 3               | 64QAM  | 1  | 8  | 17.22  | 17.33  | 17.15  | 18.20                  |
| 3               | 64QAM  | 1  | 14 | 17.21  | 17.43  | 17.21  | 18.20                  |
| 3               | 64QAM  | 8  | 0  | 17.16  | 17.42  | 17.33  | 18.20                  |
| 3               | 64QAM  | 8  | 4  | 17.30  | 17.37  | 17.46  | 18.20                  |
| 3               | 64QAM  | 8  | 7  | 17.32  | 17.38  | 17.25  | 18.20                  |
| 3               | 64QAM  | 15 | 0  | 17.30  | 17.39  | 17.31  | 18.20                  |
| 3               | 256QAM | 1  | 0  | 17.18  | 17.32  | 17.33  | 18.20                  |
| 3               | 256QAM | 1  | 8  | 17.31  | 17.24  | 17.24  | 18.20                  |
| 3               | 256QAM | 1  | 14 | 17.35  | 17.40  | 17.36  | 18.20                  |
| 3               | 256QAM | 8  | 0  | 17.22  | 17.35  | 17.17  | 18.20                  |
| 3               | 256QAM | 8  | 4  | 17.15  | 17.38  | 17.27  | 18.20                  |
| 3               | 256QAM | 8  | 7  | 17.19  | 17.27  | 17.24  | 18.20                  |
| 3               | 256QAM | 15 | 0  | 17.38  | 17.50  | 17.48  | 18.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.59  | 17.49  | 17.49  | 18.20 |
| 1.4             | QPSK   | 1 | 3 | 17.25  | 17.36  | 17.13  | 18.20 |
| 1.4             | QPSK   | 1 | 5 | 17.46  | 17.47  | 17.42  | 18.20 |
| 1.4             | QPSK   | 3 | 0 | 17.48  | 17.45  | 17.38  | 18.20 |
| 1.4             | QPSK   | 3 | 1 | 17.34  | 17.32  | 17.23  | 18.20 |
| 1.4             | QPSK   | 3 | 3 | 17.26  | 17.35  | 17.31  | 18.20 |
| 1.4             | QPSK   | 6 | 0 | 17.47  | 17.46  | 17.43  | 18.20 |
| 1.4             | 16QAM  | 1 | 0 | 17.34  | 17.48  | 17.27  | 18.20 |
| 1.4             | 16QAM  | 1 | 3 | 17.16  | 17.39  | 17.36  | 18.20 |
| 1.4             | 16QAM  | 1 | 5 | 17.32  | 17.32  | 17.27  | 18.20 |
| 1.4             | 16QAM  | 3 | 0 | 17.32  | 17.38  | 17.37  | 18.20 |
| 1.4             | 16QAM  | 3 | 1 | 17.38  | 17.36  | 17.34  | 18.20 |
| 1.4             | 16QAM  | 3 | 3 | 17.29  | 17.34  | 17.29  | 18.20 |
| 1.4             | 16QAM  | 6 | 0 | 17.27  | 17.47  | 17.42  | 18.20 |
| 1.4             | 64QAM  | 1 | 0 | 17.28  | 17.40  | 17.32  | 18.20 |
| 1.4             | 64QAM  | 1 | 3 | 17.19  | 17.27  | 17.25  | 18.20 |
| 1.4             | 64QAM  | 1 | 5 | 17.28  | 17.41  | 17.33  | 18.20 |
| 1.4             | 64QAM  | 3 | 0 | 17.23  | 17.38  | 17.28  | 18.20 |
| 1.4             | 64QAM  | 3 | 1 | 17.37  | 17.49  | 17.44  | 18.20 |
| 1.4             | 64QAM  | 3 | 3 | 17.38  | 17.46  | 17.25  | 18.20 |
| 1.4             | 64QAM  | 6 | 0 | 17.28  | 17.41  | 17.27  | 18.20 |
| 1.4             | 256QAM | 1 | 0 | 17.24  | 17.45  | 17.30  | 18.20 |
| 1.4             | 256QAM | 1 | 3 | 17.25  | 17.29  | 17.30  | 18.20 |
| 1.4             | 256QAM | 1 | 5 | 17.40  | 17.42  | 17.28  | 18.20 |
| 1.4             | 256QAM | 3 | 0 | 17.19  | 17.39  | 17.28  | 18.20 |
| 1.4             | 256QAM | 3 | 1 | 17.18  | 17.37  | 17.31  | 18.20 |
| 1.4             | 256QAM | 3 | 3 | 17.17  | 17.36  | 17.17  | 18.20 |
| 1.4             | 256QAM | 6 | 0 | 17.33  | 17.54  | 17.48  | 18.20 |

**【LTE Band 4\_Ant 3\_ECI3-2】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.18                    | 17.22                       | 17.16                     | 19.00                  |
| 20              | QPSK       | 1       | 49        | 16.92                    | 17.06                       | 16.89                     | 19.00                  |
| 20              | QPSK       | 1       | 99        | 16.99                    | 17.11                       | 16.91                     | 19.00                  |
| 20              | QPSK       | 50      | 0         | 17.12                    | 17.18                       | 17.14                     | 19.00                  |
| 20              | QPSK       | 50      | 24        | 17.01                    | 17.07                       | 16.95                     | 19.00                  |
| 20              | QPSK       | 50      | 50        | 16.99                    | 17.14                       | 16.98                     | 19.00                  |
| 20              | QPSK       | 100     | 0         | 17.09                    | 17.15                       | 17.11                     | 19.00                  |
| 20              | 16QAM      | 1       | 0         | 16.92                    | 16.98                       | 16.82                     | 19.00                  |
| 20              | 16QAM      | 1       | 49        | 16.88                    | 17.05                       | 16.96                     | 19.00                  |
| 20              | 16QAM      | 1       | 99        | 16.98                    | 17.08                       | 16.99                     | 19.00                  |
| 20              | 16QAM      | 50      | 0         | 16.84                    | 17.01                       | 16.92                     | 19.00                  |
| 20              | 16QAM      | 50      | 24        | 16.87                    | 17.05                       | 16.97                     | 19.00                  |
| 20              | 16QAM      | 50      | 50        | 16.95                    | 17.06                       | 16.89                     | 19.00                  |
| 20              | 16QAM      | 100     | 0         | 17.01                    | 17.08                       | 16.92                     | 19.00                  |
| 20              | 64QAM      | 1       | 0         | 16.94                    | 17.06                       | 16.97                     | 19.00                  |
| 20              | 64QAM      | 1       | 49        | 16.89                    | 17.02                       | 16.86                     | 19.00                  |
| 20              | 64QAM      | 1       | 99        | 17.01                    | 17.12                       | 16.98                     | 19.00                  |
| 20              | 64QAM      | 50      | 0         | 17.00                    | 17.09                       | 17.02                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 16.89                    | 17.02                       | 16.83                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 16.98                    | 17.08                       | 16.95                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 16.95                    | 17.01                       | 16.89                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 16.88                    | 16.97                       | 16.88                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 16.86                    | 16.98                       | 16.83                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 16.94                    | 17.06                       | 16.87                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 16.93                    | 17.07                       | 16.88                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 16.94                    | 17.07                       | 17.00                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.03                    | 17.12                       | 16.95                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.09                    | 17.17                       | 17.02                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.09                    | 17.09                       | 17.08                     | 19.00                  |
| 15              | QPSK       | 1       | 37        | 16.83                    | 17.00                       | 16.75                     | 19.00                  |
| 15              | QPSK       | 1       | 74        | 16.95                    | 17.00                       | 16.82                     | 19.00                  |
| 15              | QPSK       | 36      | 0         | 17.00                    | 17.07                       | 17.00                     | 19.00                  |
| 15              | QPSK       | 36      | 20        | 16.88                    | 17.04                       | 16.82                     | 19.00                  |
| 15              | QPSK       | 36      | 39        | 16.87                    | 17.01                       | 16.90                     | 19.00                  |
| 15              | QPSK       | 75      | 0         | 17.04                    | 17.11                       | 17.06                     | 19.00                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 16.84  | 16.91  | 16.75  | 19.00         |
| 15              | 16QAM  | 1  | 37 | 16.74  | 17.00  | 16.90  | 19.00         |
| 15              | 16QAM  | 1  | 74 | 16.91  | 16.93  | 16.85  | 19.00         |
| 15              | 16QAM  | 36 | 0  | 16.77  | 16.98  | 16.87  | 19.00         |
| 15              | 16QAM  | 36 | 20 | 16.73  | 16.95  | 16.84  | 19.00         |
| 15              | 16QAM  | 36 | 39 | 16.93  | 16.99  | 16.82  | 19.00         |
| 15              | 16QAM  | 75 | 0  | 16.90  | 16.96  | 16.82  | 19.00         |
| 15              | 64QAM  | 1  | 0  | 16.81  | 16.99  | 16.96  | 19.00         |
| 15              | 64QAM  | 1  | 37 | 16.77  | 17.01  | 16.80  | 19.00         |
| 15              | 64QAM  | 1  | 74 | 16.90  | 17.06  | 16.92  | 19.00         |
| 15              | 64QAM  | 36 | 0  | 16.85  | 17.08  | 16.95  | 19.00         |
| 15              | 64QAM  | 36 | 20 | 16.81  | 16.91  | 16.70  | 19.00         |
| 15              | 64QAM  | 36 | 39 | 16.97  | 17.06  | 16.86  | 19.00         |
| 15              | 64QAM  | 75 | 0  | 16.84  | 16.96  | 16.84  | 19.00         |
| 15              | 256QAM | 1  | 0  | 16.78  | 16.94  | 16.81  | 19.00         |
| 15              | 256QAM | 1  | 37 | 16.78  | 16.92  | 16.70  | 19.00         |
| 15              | 256QAM | 1  | 74 | 16.92  | 17.01  | 16.75  | 19.00         |
| 15              | 256QAM | 36 | 0  | 16.82  | 16.93  | 16.79  | 19.00         |
| 15              | 256QAM | 36 | 20 | 16.89  | 16.99  | 16.93  | 19.00         |
| 15              | 256QAM | 36 | 39 | 16.97  | 17.04  | 16.86  | 19.00         |
| 15              | 256QAM | 75 | 0  | 16.94  | 17.15  | 16.98  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.03  | 17.08  | 17.05  | 19.00         |
| 10              | QPSK   | 1  | 25 | 16.80  | 16.95  | 16.82  | 19.00         |
| 10              | QPSK   | 1  | 49 | 16.85  | 17.05  | 16.87  | 19.00         |
| 10              | QPSK   | 25 | 0  | 17.02  | 17.13  | 16.99  | 19.00         |
| 10              | QPSK   | 25 | 12 | 16.96  | 16.95  | 16.87  | 19.00         |
| 10              | QPSK   | 25 | 25 | 16.89  | 17.05  | 16.96  | 19.00         |
| 10              | QPSK   | 50 | 0  | 17.06  | 17.03  | 17.02  | 19.00         |
| 10              | 16QAM  | 1  | 0  | 16.79  | 16.93  | 16.77  | 19.00         |
| 10              | 16QAM  | 1  | 25 | 16.79  | 17.00  | 16.92  | 19.00         |
| 10              | 16QAM  | 1  | 49 | 16.93  | 17.00  | 16.85  | 19.00         |
| 10              | 16QAM  | 25 | 0  | 16.75  | 16.94  | 16.77  | 19.00         |
| 10              | 16QAM  | 25 | 12 | 16.79  | 17.04  | 16.87  | 19.00         |
| 10              | 16QAM  | 25 | 25 | 16.84  | 16.97  | 16.84  | 19.00         |
| 10              | 16QAM  | 50 | 0  | 16.87  | 16.93  | 16.87  | 19.00         |
| 10              | 64QAM  | 1  | 0  | 16.86  | 16.99  | 16.86  | 19.00         |
| 10              | 64QAM  | 1  | 25 | 16.80  | 16.88  | 16.71  | 19.00         |
| 10              | 64QAM  | 1  | 49 | 16.94  | 17.11  | 16.92  | 19.00         |
| 10              | 64QAM  | 25 | 0  | 16.86  | 17.01  | 16.96  | 19.00         |
| 10              | 64QAM  | 25 | 12 | 16.85  | 16.87  | 16.78  | 19.00         |
| 10              | 64QAM  | 25 | 25 | 16.84  | 17.02  | 16.91  | 19.00         |
| 10              | 64QAM  | 50 | 0  | 16.82  | 16.92  | 16.75  | 19.00         |
| 10              | 256QAM | 1  | 0  | 16.78  | 16.91  | 16.74  | 19.00         |
| 10              | 256QAM | 1  | 25 | 16.84  | 16.91  | 16.74  | 19.00         |
| 10              | 256QAM | 1  | 49 | 16.93  | 17.03  | 16.84  | 19.00         |
| 10              | 256QAM | 25 | 0  | 16.79  | 16.99  | 16.76  | 19.00         |
| 10              | 256QAM | 25 | 12 | 16.91  | 17.06  | 16.87  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.01  | 16.80  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.08  | 17.06  | 16.92  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.11  | 17.20  | 17.02  | 19.00         |
| 5               | QPSK   | 1  | 12 | 16.84  | 17.02  | 16.81  | 19.00         |
| 5               | QPSK   | 1  | 24 | 16.95  | 17.10  | 16.80  | 19.00         |
| 5               | QPSK   | 12 | 0  | 17.07  | 17.14  | 17.04  | 19.00         |
| 5               | QPSK   | 12 | 7  | 16.90  | 16.95  | 16.87  | 19.00         |
| 5               | QPSK   | 12 | 13 | 16.92  | 17.02  | 16.88  | 19.00         |
| 5               | QPSK   | 25 | 0  | 17.07  | 17.03  | 17.08  | 19.00         |
| 5               | 16QAM  | 1  | 0  | 16.82  | 16.83  | 16.74  | 19.00         |
| 5               | 16QAM  | 1  | 12 | 16.75  | 17.00  | 16.89  | 19.00         |
| 5               | 16QAM  | 1  | 24 | 16.84  | 16.96  | 16.97  | 19.00         |
| 5               | 16QAM  | 12 | 0  | 16.70  | 16.88  | 16.84  | 19.00         |
| 5               | 16QAM  | 12 | 7  | 16.86  | 16.96  | 16.85  | 19.00         |
| 5               | 16QAM  | 12 | 13 | 16.93  | 17.02  | 16.76  | 19.00         |
| 5               | 16QAM  | 25 | 0  | 16.88  | 16.95  | 16.88  | 19.00         |
| 5               | 64QAM  | 1  | 0  | 16.86  | 17.00  | 16.83  | 19.00         |
| 5               | 64QAM  | 1  | 12 | 16.76  | 17.00  | 16.74  | 19.00         |
| 5               | 64QAM  | 1  | 24 | 16.92  | 17.09  | 16.87  | 19.00         |
| 5               | 64QAM  | 12 | 0  | 16.86  | 17.07  | 16.99  | 19.00         |
| 5               | 64QAM  | 12 | 7  | 16.76  | 16.89  | 16.81  | 19.00         |
| 5               | 64QAM  | 12 | 13 | 16.89  | 17.00  | 16.83  | 19.00         |
| 5               | 64QAM  | 25 | 0  | 16.88  | 16.89  | 16.80  | 19.00         |
| 5               | 256QAM | 1  | 0  | 16.79  | 16.83  | 16.78  | 19.00         |
| 5               | 256QAM | 1  | 12 | 16.84  | 16.83  | 16.70  | 19.00         |
| 5               | 256QAM | 1  | 24 | 16.91  | 17.00  | 16.83  | 19.00         |
| 5               | 256QAM | 12 | 0  | 16.90  | 17.01  | 16.74  | 19.00         |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 16.85  | 17.04  | 16.89  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.00  | 16.83  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 16.96  | 17.13  | 16.90  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.03  | 17.14  | 17.07  | 19.00                  |
| 3               | QPSK   | 1  | 8  | 16.85  | 17.05  | 16.81  | 19.00                  |
| 3               | QPSK   | 1  | 14 | 16.89  | 17.03  | 16.76  | 19.00                  |
| 3               | QPSK   | 8  | 0  | 17.08  | 17.12  | 17.04  | 19.00                  |
| 3               | QPSK   | 8  | 4  | 16.87  | 17.04  | 16.93  | 19.00                  |
| 3               | QPSK   | 8  | 7  | 16.89  | 17.08  | 16.88  | 19.00                  |
| 3               | QPSK   | 15 | 0  | 17.06  | 17.08  | 17.01  | 19.00                  |
| 3               | 16QAM  | 1  | 0  | 16.90  | 16.95  | 16.71  | 19.00                  |
| 3               | 16QAM  | 1  | 8  | 16.85  | 16.94  | 16.93  | 19.00                  |
| 3               | 16QAM  | 1  | 14 | 16.97  | 17.07  | 16.85  | 19.00                  |
| 3               | 16QAM  | 8  | 0  | 16.69  | 17.00  | 16.89  | 19.00                  |
| 3               | 16QAM  | 8  | 4  | 16.75  | 16.90  | 16.90  | 19.00                  |
| 3               | 16QAM  | 8  | 7  | 16.88  | 17.03  | 16.81  | 19.00                  |
| 3               | 16QAM  | 15 | 0  | 16.91  | 17.07  | 16.81  | 19.00                  |
| 3               | 64QAM  | 1  | 0  | 16.81  | 17.00  | 16.86  | 19.00                  |
| 3               | 64QAM  | 1  | 8  | 16.82  | 16.92  | 16.83  | 19.00                  |
| 3               | 64QAM  | 1  | 14 | 16.95  | 17.08  | 16.88  | 19.00                  |
| 3               | 64QAM  | 8  | 0  | 16.96  | 17.02  | 16.93  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 16.79  | 16.92  | 16.78  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 16.91  | 16.97  | 16.81  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 16.93  | 16.97  | 16.87  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 16.76  | 16.88  | 16.82  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 16.78  | 16.90  | 16.75  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 16.81  | 17.05  | 16.85  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 16.88  | 16.97  | 16.82  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 16.87  | 17.06  | 16.97  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 16.91  | 16.97  | 16.93  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 16.98  | 17.14  | 16.94  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.10  | 17.08  | 17.10  | 19.00                  |
| 1.4             | QPSK   | 1  | 3  | 16.80  | 16.96  | 16.84  | 19.00                  |
| 1.4             | QPSK   | 1  | 5  | 16.89  | 17.09  | 16.80  | 19.00                  |
| 1.4             | QPSK   | 3  | 0  | 17.05  | 17.15  | 17.01  | 19.00                  |
| 1.4             | QPSK   | 3  | 1  | 16.95  | 16.95  | 16.88  | 19.00                  |
| 1.4             | QPSK   | 3  | 3  | 16.86  | 17.02  | 16.85  | 19.00                  |
| 1.4             | QPSK   | 6  | 0  | 17.07  | 17.08  | 17.08  | 19.00                  |
| 1.4             | 16QAM  | 1  | 0  | 16.81  | 16.84  | 16.78  | 19.00                  |
| 1.4             | 16QAM  | 1  | 3  | 16.79  | 16.99  | 16.86  | 19.00                  |
| 1.4             | 16QAM  | 1  | 5  | 16.89  | 17.04  | 16.93  | 19.00                  |
| 1.4             | 16QAM  | 3  | 0  | 16.81  | 16.99  | 16.82  | 19.00                  |
| 1.4             | 16QAM  | 3  | 1  | 16.75  | 16.98  | 16.89  | 19.00                  |
| 1.4             | 16QAM  | 3  | 3  | 16.89  | 16.97  | 16.87  | 19.00                  |
| 1.4             | 16QAM  | 6  | 0  | 16.97  | 16.95  | 16.81  | 19.00                  |
| 1.4             | 64QAM  | 1  | 0  | 16.84  | 17.04  | 16.85  | 19.00                  |
| 1.4             | 64QAM  | 1  | 3  | 16.86  | 16.95  | 16.72  | 19.00                  |
| 1.4             | 64QAM  | 1  | 5  | 16.88  | 17.10  | 16.85  | 19.00                  |
| 1.4             | 64QAM  | 3  | 0  | 16.88  | 16.96  | 16.89  | 19.00                  |
| 1.4             | 64QAM  | 3  | 1  | 16.84  | 16.88  | 16.78  | 19.00                  |
| 1.4             | 64QAM  | 3  | 3  | 16.96  | 16.94  | 16.86  | 19.00                  |
| 1.4             | 64QAM  | 6  | 0  | 16.84  | 16.97  | 16.77  | 19.00                  |
| 1.4             | 256QAM | 1  | 0  | 16.78  | 16.82  | 16.76  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 16.75  | 16.85  | 16.80  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 16.82  | 16.92  | 16.83  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 16.84  | 17.04  | 16.78  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 16.87  | 17.04  | 16.89  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 16.95  | 17.04  | 16.88  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.06  | 17.05  | 16.99  | 19.00                  |



## 【LTE Band 4\_Ant 3\_ECI4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 24.85                    | 24.97                       | 24.80                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.70                    | 24.85                       | 24.64                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.62                    | 24.84                       | 24.59                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.87                    | 23.94                       | 23.85                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.68                    | 23.89                       | 23.68                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.75                    | 23.92                       | 23.67                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 23.67                    | 23.93                       | 23.68                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 24.05                    | 24.29                       | 24.05                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.95                    | 24.17                       | 23.96                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.88                    | 24.12                       | 23.95                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.72                    | 22.94                       | 22.75                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.65                    | 22.90                       | 22.69                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.78                    | 22.91                       | 22.61                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 22.73                    | 22.92                       | 22.72                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 22.94                    | 23.14                       | 22.90                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.91                    | 23.10                       | 22.82                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.90                    | 23.08                       | 22.81                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.74                    | 21.94                       | 21.66                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.65                    | 21.88                       | 21.61                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.78                    | 21.90                       | 21.70                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 21.70                    | 21.92                       | 21.75                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 19.94                    | 20.08                       | 19.93                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.79                    | 19.95                       | 19.78                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.76                    | 19.89                       | 19.73                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.77                    | 19.89                       | 19.67                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.65                    | 19.87                       | 19.61                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.74                    | 19.88                       | 19.60                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.76                    | 19.89                       | 19.62                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.78                    | 24.84                       | 24.66                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.63                    | 24.81                       | 24.50                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.56                    | 24.70                       | 24.57                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.68                    | 23.86                       | 23.66                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.59                    | 23.78                       | 23.63                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.69                    | 23.90                       | 23.54                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.63                    | 23.81                       | 23.62                     | 24.70                  |
| 15              | 16QAM      | 1       | 0         | 24.02                    | 24.15                       | 23.96                     | 24.70                  |
| 15              | 16QAM      | 1       | 37        | 23.81                    | 24.03                       | 23.89                     | 24.70                  |
| 15              | 16QAM      | 1       | 74        | 23.82                    | 24.07                       | 23.91                     | 24.70                  |
| 15              | 16QAM      | 36      | 0         | 22.64                    | 22.83                       | 22.68                     | 23.70                  |
| 15              | 16QAM      | 36      | 20        | 22.58                    | 22.81                       | 22.65                     | 23.70                  |
| 15              | 16QAM      | 36      | 39        | 22.71                    | 22.84                       | 22.56                     | 23.70                  |
| 15              | 16QAM      | 75      | 0         | 22.62                    | 22.80                       | 22.67                     | 23.70                  |
| 15              | 64QAM      | 1       | 0         | 22.91                    | 23.05                       | 22.84                     | 23.70                  |
| 15              | 64QAM      | 1       | 37        | 22.87                    | 22.99                       | 22.76                     | 23.70                  |
| 15              | 64QAM      | 1       | 74        | 22.82                    | 22.94                       | 22.74                     | 23.70                  |
| 15              | 64QAM      | 36      | 0         | 21.72                    | 21.81                       | 21.64                     | 22.70                  |
| 15              | 64QAM      | 36      | 20        | 21.60                    | 21.84                       | 21.52                     | 22.70                  |
| 15              | 64QAM      | 36      | 39        | 21.66                    | 21.81                       | 21.67                     | 22.70                  |
| 15              | 64QAM      | 75      | 0         | 21.63                    | 21.90                       | 21.60                     | 22.70                  |
| 15              | 256QAM     | 1       | 0         | 19.82                    | 20.01                       | 19.87                     | 20.70                  |
| 15              | 256QAM     | 1       | 37        | 19.72                    | 19.80                       | 19.76                     | 20.70                  |
| 15              | 256QAM     | 1       | 74        | 19.72                    | 19.88                       | 19.62                     | 20.70                  |
| 15              | 256QAM     | 36      | 0         | 19.74                    | 19.80                       | 19.56                     | 20.70                  |
| 15              | 256QAM     | 36      | 20        | 19.52                    | 19.78                       | 19.55                     | 20.70                  |
| 15              | 256QAM     | 36      | 39        | 19.66                    | 19.80                       | 19.58                     | 20.70                  |
| 15              | 256QAM     | 75      | 0         | 19.64                    | 19.87                       | 19.60                     | 20.70                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 24.74                    | 24.83                       | 24.70                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.57                    | 24.83                       | 24.56                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.58                    | 24.80                       | 24.49                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 23.69                    | 23.93                       | 23.68                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.62                    | 23.80                       | 23.57                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.66                    | 23.84                       | 23.58                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.60                    | 23.83                       | 23.65                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.02                    | 24.20                       | 23.96                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.90                    | 24.10                       | 23.89                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 23.77                    | 24.04                       | 23.83                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.58                    | 22.82                       | 22.66                     | 23.70                  |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 22.56  | 22.78  | 22.55  | 23.70                  |
| 10              | 16QAM  | 25 | 25 | 22.71  | 22.81  | 22.57  | 23.70                  |
| 10              | 16QAM  | 50 | 0  | 22.68  | 22.84  | 22.61  | 23.70                  |
| 10              | 64QAM  | 1  | 0  | 22.86  | 22.99  | 22.86  | 23.70                  |
| 10              | 64QAM  | 1  | 25 | 22.84  | 23.03  | 22.72  | 23.70                  |
| 10              | 64QAM  | 1  | 49 | 22.86  | 23.00  | 22.67  | 23.70                  |
| 10              | 64QAM  | 25 | 0  | 21.64  | 21.88  | 21.52  | 22.70                  |
| 10              | 64QAM  | 25 | 12 | 21.62  | 21.78  | 21.56  | 22.70                  |
| 10              | 64QAM  | 25 | 25 | 21.69  | 21.84  | 21.63  | 22.70                  |
| 10              | 64QAM  | 50 | 0  | 21.68  | 21.81  | 21.60  | 22.70                  |
| 10              | 256QAM | 1  | 0  | 19.83  | 19.94  | 19.79  | 20.70                  |
| 10              | 256QAM | 1  | 25 | 19.66  | 19.89  | 19.74  | 20.70                  |
| 10              | 256QAM | 1  | 49 | 19.74  | 19.85  | 19.63  | 20.70                  |
| 10              | 256QAM | 25 | 0  | 19.64  | 19.79  | 19.53  | 20.70                  |
| 10              | 256QAM | 25 | 12 | 19.54  | 19.76  | 19.50  | 20.70                  |
| 10              | 256QAM | 25 | 25 | 19.73  | 19.78  | 19.52  | 20.70                  |
| 10              | 256QAM | 50 | 0  | 19.68  | 19.84  | 19.55  | 20.70                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 24.82  | 24.86  | 24.71  | 25.70                  |
| 5               | QPSK   | 1  | 12 | 24.62  | 24.74  | 24.57  | 25.70                  |
| 5               | QPSK   | 1  | 24 | 24.51  | 24.80  | 24.49  | 25.70                  |
| 5               | QPSK   | 12 | 0  | 23.73  | 23.87  | 23.63  | 24.70                  |
| 5               | QPSK   | 12 | 7  | 23.55  | 23.84  | 23.55  | 24.70                  |
| 5               | QPSK   | 12 | 13 | 23.67  | 23.90  | 23.60  | 24.70                  |
| 5               | QPSK   | 25 | 0  | 23.56  | 23.89  | 23.64  | 24.70                  |
| 5               | 16QAM  | 1  | 0  | 24.00  | 24.24  | 23.99  | 24.70                  |
| 5               | 16QAM  | 1  | 12 | 23.82  | 24.14  | 23.91  | 24.70                  |
| 5               | 16QAM  | 1  | 24 | 23.79  | 24.03  | 23.89  | 24.70                  |
| 5               | 16QAM  | 12 | 0  | 22.70  | 22.86  | 22.66  | 23.70                  |
| 5               | 16QAM  | 12 | 7  | 22.60  | 22.86  | 22.64  | 23.70                  |
| 5               | 16QAM  | 12 | 13 | 22.76  | 22.82  | 22.54  | 23.70                  |
| 5               | 16QAM  | 25 | 0  | 22.63  | 22.80  | 22.60  | 23.70                  |
| 5               | 64QAM  | 1  | 0  | 22.81  | 23.06  | 22.85  | 23.70                  |
| 5               | 64QAM  | 1  | 12 | 22.80  | 23.01  | 22.77  | 23.70                  |
| 5               | 64QAM  | 1  | 24 | 22.80  | 22.93  | 22.70  | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.70  | 21.91  | 21.54  | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 21.55  | 21.84  | 21.53  | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.68  | 21.89  | 21.60  | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 21.69  | 21.82  | 21.64  | 22.70                  |
| 5               | 256QAM | 1  | 0  | 19.90  | 20.04  | 19.82  | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.74  | 19.84  | 19.71  | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.67  | 19.82  | 19.60  | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.76  | 19.80  | 19.62  | 20.70                  |
| 5               | 256QAM | 12 | 7  | 19.53  | 19.83  | 19.47  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.70  | 19.80  | 19.50  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.63  | 19.81  | 19.58  | 20.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.81  | 24.90  | 24.71  | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.69  | 24.80  | 24.50  | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.54  | 24.78  | 24.49  | 25.70                  |
| 3               | QPSK   | 8  | 0  | 23.63  | 23.81  | 23.68  | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.66  | 23.83  | 23.65  | 24.70                  |
| 3               | QPSK   | 8  | 7  | 23.69  | 23.79  | 23.60  | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.59  | 23.81  | 23.61  | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.91  | 24.14  | 23.94  | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.92  | 24.04  | 23.91  | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.76  | 24.04  | 23.89  | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.68  | 22.91  | 22.66  | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.60  | 22.88  | 22.55  | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.76  | 22.82  | 22.52  | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.60  | 22.81  | 22.70  | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.91  | 23.07  | 22.77  | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.81  | 22.95  | 22.77  | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.77  | 23.01  | 22.69  | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.60  | 21.81  | 21.56  | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.56  | 21.77  | 21.57  | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.71  | 21.81  | 21.64  | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.56  | 21.91  | 21.70  | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.88  | 19.97  | 19.91  | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.66  | 19.81  | 19.66  | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.64  | 19.78  | 19.60  | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.71  | 19.82  | 19.58  | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.51  | 19.86  | 19.55  | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.68  | 19.76  | 19.53  | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.70  | 19.79  | 19.52  | 20.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |

| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 24.73  | 24.85  | 24.65  | 25.70 |
| 1.4             | QPSK   | 1 | 3 | 24.64  | 24.83  | 24.55  | 25.70 |
| 1.4             | QPSK   | 1 | 5 | 24.58  | 24.79  | 24.49  | 25.70 |
| 1.4             | QPSK   | 3 | 0 | 24.63  | 24.85  | 24.67  | 25.70 |
| 1.4             | QPSK   | 3 | 1 | 24.66  | 24.78  | 24.60  | 25.70 |
| 1.4             | QPSK   | 3 | 3 | 24.67  | 24.80  | 24.64  | 25.70 |
| 1.4             | QPSK   | 6 | 0 | 23.61  | 23.82  | 23.67  | 24.70 |
| 1.4             | 16QAM  | 1 | 0 | 23.98  | 24.19  | 24.03  | 24.70 |
| 1.4             | 16QAM  | 1 | 3 | 23.85  | 24.03  | 23.89  | 24.70 |
| 1.4             | 16QAM  | 1 | 5 | 23.85  | 23.98  | 23.87  | 24.70 |
| 1.4             | 16QAM  | 3 | 0 | 23.60  | 23.92  | 23.70  | 24.70 |
| 1.4             | 16QAM  | 3 | 1 | 23.53  | 23.78  | 23.62  | 24.70 |
| 1.4             | 16QAM  | 3 | 3 | 23.76  | 23.85  | 23.59  | 24.70 |
| 1.4             | 16QAM  | 6 | 0 | 22.67  | 22.79  | 22.60  | 23.70 |
| 1.4             | 64QAM  | 1 | 0 | 22.82  | 23.11  | 22.86  | 23.70 |
| 1.4             | 64QAM  | 1 | 3 | 22.85  | 23.09  | 22.68  | 23.70 |
| 1.4             | 64QAM  | 1 | 5 | 22.77  | 23.03  | 22.71  | 23.70 |
| 1.4             | 64QAM  | 3 | 0 | 22.61  | 22.85  | 22.56  | 23.70 |
| 1.4             | 64QAM  | 3 | 1 | 22.57  | 22.77  | 22.48  | 23.70 |
| 1.4             | 64QAM  | 3 | 3 | 22.75  | 22.83  | 22.62  | 23.70 |
| 1.4             | 64QAM  | 6 | 0 | 21.61  | 21.82  | 21.68  | 22.70 |
| 1.4             | 256QAM | 1 | 0 | 19.84  | 20.02  | 19.83  | 20.70 |
| 1.4             | 256QAM | 1 | 3 | 19.74  | 19.87  | 19.68  | 20.70 |
| 1.4             | 256QAM | 1 | 5 | 19.65  | 19.77  | 19.68  | 20.70 |
| 1.4             | 256QAM | 3 | 0 | 19.73  | 19.82  | 19.65  | 20.70 |
| 1.4             | 256QAM | 3 | 1 | 19.63  | 19.84  | 19.47  | 20.70 |
| 1.4             | 256QAM | 3 | 3 | 19.62  | 19.82  | 19.51  | 20.70 |
| 1.4             | 256QAM | 6 | 0 | 19.74  | 19.81  | 19.50  | 20.70 |

**【LTE Band 4\_Ant 3\_ECI4-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 25.17                    | 25.18                       | 25.15                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 25.00                    | 25.10                       | 24.93                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.99                    | 25.01                       | 24.91                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 24.09                    | 24.12                       | 24.05                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.94                    | 24.08                       | 23.90                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 24.07                    | 24.11                       | 24.00                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 24.06                    | 24.18                       | 24.09                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 24.12                    | 24.23                       | 24.07                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 24.01                    | 24.10                       | 24.03                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 24.08                    | 24.11                       | 23.94                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 23.04                    | 23.12                       | 23.02                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 23.00                    | 23.14                       | 23.09                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 23.03                    | 23.09                       | 22.92                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 23.04                    | 23.14                       | 23.05                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 23.06                    | 23.12                       | 23.02                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.96                    | 23.08                       | 23.01                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.93                    | 22.99                       | 22.91                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 22.15                    | 22.19                       | 22.02                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 22.00                    | 22.14                       | 21.98                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.95                    | 22.11                       | 22.00                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 22.04                    | 22.08                       | 22.03                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 20.00                    | 20.03                       | 19.96                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.93                    | 19.96                       | 19.84                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.78                    | 19.90                       | 19.73                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.95                    | 20.10                       | 19.93                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 20.07                    | 20.15                       | 20.04                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.87                    | 20.03                       | 19.92                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.97                    | 20.02                       | 19.94                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.10                    | 25.14                       | 25.07                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.95                    | 25.09                       | 24.80                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.94                    | 24.99                       | 24.83                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.94                    | 24.07                       | 24.01                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.87                    | 23.98                       | 23.81                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.93                    | 24.00                       | 23.96                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.97                    | 24.14                       | 24.04                     | 24.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 24.00  | 24.18  | 24.06  | 24.70         |
| 15              | 16QAM  | 1  | 37 | 23.95  | 24.03  | 23.94  | 24.70         |
| 15              | 16QAM  | 1  | 74 | 24.04  | 24.07  | 23.83  | 24.70         |
| 15              | 16QAM  | 36 | 0  | 23.02  | 23.04  | 22.97  | 23.70         |
| 15              | 16QAM  | 36 | 20 | 22.94  | 23.00  | 23.01  | 23.70         |
| 15              | 16QAM  | 36 | 39 | 22.93  | 23.07  | 22.82  | 23.70         |
| 15              | 16QAM  | 75 | 0  | 22.97  | 23.09  | 23.00  | 23.70         |
| 15              | 64QAM  | 1  | 0  | 23.02  | 23.08  | 22.92  | 23.70         |
| 15              | 64QAM  | 1  | 37 | 22.84  | 22.97  | 23.00  | 23.70         |
| 15              | 64QAM  | 1  | 74 | 22.81  | 22.92  | 22.89  | 23.70         |
| 15              | 64QAM  | 36 | 0  | 22.01  | 22.06  | 21.97  | 22.70         |
| 15              | 64QAM  | 36 | 20 | 21.92  | 22.09  | 21.87  | 22.70         |
| 15              | 64QAM  | 36 | 39 | 21.81  | 22.08  | 21.94  | 22.70         |
| 15              | 64QAM  | 75 | 0  | 22.00  | 22.02  | 21.88  | 22.70         |
| 15              | 256QAM | 1  | 0  | 19.86  | 19.91  | 19.81  | 20.70         |
| 15              | 256QAM | 1  | 37 | 19.82  | 19.87  | 19.82  | 20.70         |
| 15              | 256QAM | 1  | 74 | 19.72  | 19.88  | 19.58  | 20.70         |
| 15              | 256QAM | 36 | 0  | 19.83  | 20.00  | 19.88  | 20.70         |
| 15              | 256QAM | 36 | 20 | 19.93  | 20.08  | 19.95  | 20.70         |
| 15              | 256QAM | 36 | 39 | 19.76  | 20.00  | 19.84  | 20.70         |
| 15              | 256QAM | 75 | 0  | 19.87  | 19.88  | 19.89  | 20.70         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 25.03  | 25.11  | 25.09  | 25.70         |
| 10              | QPSK   | 1  | 25 | 24.98  | 24.98  | 24.83  | 25.70         |
| 10              | QPSK   | 1  | 49 | 24.89  | 24.87  | 24.80  | 25.70         |
| 10              | QPSK   | 25 | 0  | 24.06  | 24.04  | 23.91  | 24.70         |
| 10              | QPSK   | 25 | 12 | 23.92  | 24.00  | 23.88  | 24.70         |
| 10              | QPSK   | 25 | 25 | 24.01  | 24.09  | 23.96  | 24.70         |
| 10              | QPSK   | 50 | 0  | 24.03  | 24.04  | 24.00  | 24.70         |
| 10              | 16QAM  | 1  | 0  | 24.01  | 24.19  | 24.02  | 24.70         |
| 10              | 16QAM  | 1  | 25 | 23.92  | 23.97  | 23.94  | 24.70         |
| 10              | 16QAM  | 1  | 49 | 23.96  | 23.98  | 23.90  | 24.70         |
| 10              | 16QAM  | 25 | 0  | 22.90  | 23.03  | 22.90  | 23.70         |
| 10              | 16QAM  | 25 | 12 | 22.93  | 23.01  | 22.95  | 23.70         |
| 10              | 16QAM  | 25 | 25 | 22.99  | 23.07  | 22.88  | 23.70         |
| 10              | 16QAM  | 50 | 0  | 22.98  | 23.11  | 23.01  | 23.70         |
| 10              | 64QAM  | 1  | 0  | 22.93  | 22.98  | 22.91  | 23.70         |
| 10              | 64QAM  | 1  | 25 | 22.81  | 23.04  | 22.99  | 23.70         |
| 10              | 64QAM  | 1  | 49 | 22.78  | 22.98  | 22.83  | 23.70         |
| 10              | 64QAM  | 25 | 0  | 22.06  | 22.06  | 21.91  | 22.70         |
| 10              | 64QAM  | 25 | 12 | 21.95  | 22.00  | 21.83  | 22.70         |
| 10              | 64QAM  | 25 | 25 | 21.90  | 22.05  | 21.97  | 22.70         |
| 10              | 64QAM  | 50 | 0  | 21.97  | 21.95  | 21.95  | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.86  | 19.99  | 19.83  | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.88  | 19.93  | 19.74  | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.65  | 19.78  | 19.60  | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.87  | 19.97  | 19.86  | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.95  | 20.07  | 19.93  | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.75  | 20.00  | 19.79  | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.96  | 19.93  | 19.93  | 20.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 25.10  | 25.06  | 25.13  | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.98  | 24.99  | 24.84  | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.87  | 24.93  | 24.84  | 25.70         |
| 5               | QPSK   | 12 | 0  | 24.03  | 24.03  | 23.95  | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.84  | 23.99  | 23.89  | 24.70         |
| 5               | QPSK   | 12 | 13 | 23.96  | 24.03  | 23.87  | 24.70         |
| 5               | QPSK   | 25 | 0  | 24.00  | 24.05  | 24.06  | 24.70         |
| 5               | 16QAM  | 1  | 0  | 24.03  | 24.14  | 23.98  | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.86  | 24.03  | 23.91  | 24.70         |
| 5               | 16QAM  | 1  | 24 | 24.00  | 24.06  | 23.84  | 24.70         |
| 5               | 16QAM  | 12 | 0  | 22.94  | 23.08  | 22.89  | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.97  | 22.99  | 23.07  | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.98  | 23.07  | 22.85  | 23.70         |
| 5               | 16QAM  | 25 | 0  | 23.01  | 23.04  | 22.94  | 23.70         |
| 5               | 64QAM  | 1  | 0  | 22.95  | 23.05  | 22.90  | 23.70         |
| 5               | 64QAM  | 1  | 12 | 22.83  | 22.97  | 22.91  | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.79  | 22.96  | 22.79  | 23.70         |
| 5               | 64QAM  | 12 | 0  | 22.11  | 22.15  | 21.91  | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.89  | 22.04  | 21.84  | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.85  | 22.04  | 21.97  | 22.70         |
| 5               | 64QAM  | 25 | 0  | 22.00  | 21.93  | 21.91  | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.86  | 19.91  | 19.86  | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.90  | 19.89  | 19.77  | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.68  | 19.84  | 19.71  | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.87  | 20.08  | 19.81  | 20.70         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 19.94  | 20.06  | 19.99  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.77  | 20.00  | 19.90  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.90  | 20.01  | 19.82  | 20.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 25.05  | 25.10  | 25.02  | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.95  | 25.08  | 24.83  | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.95  | 24.95  | 24.88  | 25.70                  |
| 3               | QPSK   | 8  | 0  | 24.08  | 24.00  | 23.94  | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.79  | 24.02  | 23.87  | 24.70                  |
| 3               | QPSK   | 8  | 7  | 24.05  | 24.01  | 23.85  | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.96  | 24.14  | 24.00  | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 24.04  | 24.17  | 23.95  | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.87  | 24.06  | 23.93  | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 24.04  | 24.03  | 23.84  | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.92  | 23.09  | 22.95  | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.95  | 22.99  | 23.06  | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 23.01  | 23.05  | 22.80  | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.95  | 23.12  | 22.97  | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 23.00  | 23.03  | 22.89  | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.95  | 22.95  | 22.87  | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.89  | 22.90  | 22.84  | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 22.11  | 22.12  | 21.97  | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.95  | 22.02  | 21.92  | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.93  | 22.03  | 21.85  | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.95  | 21.97  | 21.97  | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.90  | 19.89  | 19.86  | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.81  | 19.90  | 19.72  | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.69  | 19.81  | 19.69  | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.92  | 20.07  | 19.89  | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.97  | 20.09  | 19.89  | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.81  | 19.97  | 19.81  | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.88  | 19.93  | 19.91  | 20.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 25.09  | 25.11  | 25.07  | 25.70                  |
| 1.4             | QPSK   | 1  | 3  | 24.96  | 25.09  | 24.79  | 25.70                  |
| 1.4             | QPSK   | 1  | 5  | 24.87  | 24.91  | 24.78  | 25.70                  |
| 1.4             | QPSK   | 3  | 0  | 24.95  | 25.01  | 24.98  | 25.70                  |
| 1.4             | QPSK   | 3  | 1  | 24.85  | 24.96  | 24.86  | 25.70                  |
| 1.4             | QPSK   | 3  | 3  | 24.97  | 25.05  | 24.88  | 25.70                  |
| 1.4             | QPSK   | 6  | 0  | 24.02  | 24.05  | 24.05  | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 24.05  | 24.12  | 23.95  | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.93  | 24.01  | 24.00  | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 23.95  | 24.05  | 23.82  | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.97  | 23.97  | 24.00  | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.92  | 24.00  | 24.04  | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.94  | 24.06  | 23.82  | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 23.00  | 23.05  | 23.03  | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.95  | 23.04  | 22.99  | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 22.91  | 23.02  | 22.95  | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.91  | 22.97  | 22.80  | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 23.05  | 23.15  | 23.01  | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.85  | 23.04  | 22.90  | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.90  | 22.97  | 22.95  | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.90  | 22.05  | 21.89  | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.89  | 20.01  | 19.91  | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.88  | 19.83  | 19.76  | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.66  | 19.83  | 19.68  | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.83  | 20.03  | 19.82  | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 20.06  | 20.01  | 19.89  | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.85  | 19.89  | 19.84  | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.94  | 20.00  | 19.81  | 20.70                  |



## 【LTE Band 4\_Ant 3\_ECI4-2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.75                    | 22.77                       | 22.72                     | 24.50                  |
| 20              | QPSK       | 1       | 49        | 22.53                    | 22.68                       | 22.58                     | 24.50                  |
| 20              | QPSK       | 1       | 99        | 22.69                    | 22.75                       | 22.58                     | 24.50                  |
| 20              | QPSK       | 50      | 0         | 21.63                    | 21.68                       | 21.64                     | 23.50                  |
| 20              | QPSK       | 50      | 24        | 21.49                    | 21.65                       | 21.59                     | 23.50                  |
| 20              | QPSK       | 50      | 50        | 21.59                    | 21.67                       | 21.57                     | 23.50                  |
| 20              | QPSK       | 100     | 0         | 21.60                    | 21.62                       | 21.61                     | 23.50                  |
| 20              | 16QAM      | 1       | 0         | 21.67                    | 21.82                       | 21.72                     | 23.50                  |
| 20              | 16QAM      | 1       | 49        | 21.67                    | 21.72                       | 21.65                     | 23.50                  |
| 20              | 16QAM      | 1       | 99        | 21.74                    | 21.83                       | 21.66                     | 23.50                  |
| 20              | 16QAM      | 50      | 0         | 20.65                    | 20.69                       | 20.57                     | 22.50                  |
| 20              | 16QAM      | 50      | 24        | 20.55                    | 20.66                       | 20.59                     | 22.50                  |
| 20              | 16QAM      | 50      | 50        | 20.51                    | 20.59                       | 20.47                     | 22.50                  |
| 20              | 16QAM      | 100     | 0         | 20.55                    | 20.71                       | 20.59                     | 22.50                  |
| 20              | 64QAM      | 1       | 0         | 20.57                    | 20.60                       | 20.50                     | 22.50                  |
| 20              | 64QAM      | 1       | 49        | 20.32                    | 20.45                       | 20.34                     | 22.50                  |
| 20              | 64QAM      | 1       | 99        | 20.59                    | 20.64                       | 20.46                     | 22.50                  |
| 20              | 64QAM      | 50      | 0         | 19.61                    | 19.64                       | 19.55                     | 21.50                  |
| 20              | 64QAM      | 50      | 24        | 19.59                    | 19.65                       | 19.54                     | 21.50                  |
| 20              | 64QAM      | 50      | 50        | 19.41                    | 19.56                       | 19.49                     | 21.50                  |
| 20              | 64QAM      | 100     | 0         | 19.60                    | 19.67                       | 19.52                     | 21.50                  |
| 20              | 256QAM     | 1       | 0         | 17.57                    | 17.65                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.56                    | 17.61                       | 17.49                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.49                    | 17.60                       | 17.44                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.64                    | 17.67                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.64                    | 17.67                       | 17.61                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.45                    | 17.56                       | 17.41                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.68                    | 17.72                       | 17.56                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.62                    | 22.75                       | 22.52                     | 24.50                  |
| 15              | QPSK       | 1       | 37        | 22.57                    | 22.57                       | 22.28                     | 24.50                  |
| 15              | QPSK       | 1       | 74        | 22.46                    | 22.66                       | 22.42                     | 24.50                  |
| 15              | QPSK       | 36      | 0         | 21.43                    | 21.66                       | 21.31                     | 23.50                  |
| 15              | QPSK       | 36      | 20        | 21.43                    | 21.50                       | 21.44                     | 23.50                  |
| 15              | QPSK       | 36      | 39        | 21.42                    | 21.43                       | 21.31                     | 23.50                  |
| 15              | QPSK       | 75      | 0         | 21.51                    | 21.56                       | 21.29                     | 23.50                  |
| 15              | 16QAM      | 1       | 0         | 21.66                    | 21.73                       | 21.43                     | 23.50                  |
| 15              | 16QAM      | 1       | 37        | 21.48                    | 21.69                       | 21.44                     | 23.50                  |
| 15              | 16QAM      | 1       | 74        | 21.67                    | 21.75                       | 21.57                     | 23.50                  |
| 15              | 16QAM      | 36      | 0         | 20.51                    | 20.66                       | 20.39                     | 22.50                  |
| 15              | 16QAM      | 36      | 20        | 20.58                    | 20.60                       | 20.42                     | 22.50                  |
| 15              | 16QAM      | 36      | 39        | 20.35                    | 20.49                       | 20.31                     | 22.50                  |
| 15              | 16QAM      | 75      | 0         | 20.65                    | 20.66                       | 20.46                     | 22.50                  |
| 15              | 64QAM      | 1       | 0         | 20.36                    | 20.58                       | 20.26                     | 22.50                  |
| 15              | 64QAM      | 1       | 37        | 20.25                    | 20.37                       | 20.27                     | 22.50                  |
| 15              | 64QAM      | 1       | 74        | 20.49                    | 20.51                       | 20.47                     | 22.50                  |
| 15              | 64QAM      | 36      | 0         | 19.52                    | 19.54                       | 19.33                     | 21.50                  |
| 15              | 64QAM      | 36      | 20        | 19.52                    | 19.53                       | 19.36                     | 21.50                  |
| 15              | 64QAM      | 36      | 39        | 19.40                    | 19.44                       | 19.21                     | 21.50                  |
| 15              | 64QAM      | 75      | 0         | 19.42                    | 19.57                       | 19.36                     | 21.50                  |
| 15              | 256QAM     | 1       | 0         | 17.48                    | 17.53                       | 17.45                     | 19.50                  |
| 15              | 256QAM     | 1       | 37        | 17.44                    | 17.59                       | 17.44                     | 19.50                  |
| 15              | 256QAM     | 1       | 74        | 17.44                    | 17.48                       | 17.29                     | 19.50                  |
| 15              | 256QAM     | 36      | 0         | 17.48                    | 17.55                       | 17.41                     | 19.50                  |
| 15              | 256QAM     | 36      | 20        | 17.56                    | 17.65                       | 17.42                     | 19.50                  |
| 15              | 256QAM     | 36      | 39        | 17.30                    | 17.45                       | 17.25                     | 19.50                  |
| 15              | 256QAM     | 75      | 0         | 17.56                    | 17.63                       | 17.55                     | 19.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 22.71                    | 22.76                       | 22.53                     | 24.50                  |
| 10              | QPSK       | 1       | 25        | 22.51                    | 22.54                       | 22.31                     | 24.50                  |
| 10              | QPSK       | 1       | 49        | 22.57                    | 22.64                       | 22.41                     | 24.50                  |
| 10              | QPSK       | 25      | 0         | 21.38                    | 21.56                       | 21.37                     | 23.50                  |
| 10              | QPSK       | 25      | 12        | 21.54                    | 21.55                       | 21.33                     | 23.50                  |
| 10              | QPSK       | 25      | 25        | 21.36                    | 21.48                       | 21.26                     | 23.50                  |
| 10              | QPSK       | 50      | 0         | 21.52                    | 21.57                       | 21.29                     | 23.50                  |
| 10              | 16QAM      | 1       | 0         | 21.63                    | 21.75                       | 21.39                     | 23.50                  |
| 10              | 16QAM      | 1       | 25        | 21.55                    | 21.62                       | 21.42                     | 23.50                  |
| 10              | 16QAM      | 1       | 49        | 21.73                    | 21.82                       | 21.55                     | 23.50                  |
| 10              | 16QAM      | 25      | 0         | 20.60                    | 20.61                       | 20.29                     | 22.50                  |



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|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 16QAM  | 25 | 12 | 20.56  | 20.57  | 20.39  | 22.50         |
| 10              | 16QAM  | 25 | 25 | 20.34  | 20.52  | 20.23  | 22.50         |
| 10              | 16QAM  | 50 | 0  | 20.53  | 20.70  | 20.49  | 22.50         |
| 10              | 64QAM  | 1  | 0  | 20.33  | 20.48  | 20.25  | 22.50         |
| 10              | 64QAM  | 1  | 25 | 20.25  | 20.38  | 20.19  | 22.50         |
| 10              | 64QAM  | 1  | 49 | 20.47  | 20.50  | 20.36  | 22.50         |
| 10              | 64QAM  | 25 | 0  | 19.49  | 19.49  | 19.35  | 21.50         |
| 10              | 64QAM  | 25 | 12 | 19.51  | 19.59  | 19.46  | 21.50         |
| 10              | 64QAM  | 25 | 25 | 19.37  | 19.44  | 19.24  | 21.50         |
| 10              | 64QAM  | 50 | 0  | 19.45  | 19.62  | 19.37  | 21.50         |
| 10              | 256QAM | 1  | 0  | 17.61  | 17.60  | 17.40  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.40  | 17.59  | 17.41  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.35  | 17.49  | 17.33  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.44  | 17.61  | 17.49  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.49  | 17.57  | 17.39  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.42  | 17.45  | 17.21  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.53  | 17.64  | 17.46  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.61  | 22.65  | 22.57  | 24.50         |
| 5               | QPSK   | 1  | 12 | 22.57  | 22.64  | 22.34  | 24.50         |
| 5               | QPSK   | 1  | 24 | 22.53  | 22.61  | 22.32  | 24.50         |
| 5               | QPSK   | 12 | 0  | 21.45  | 21.57  | 21.34  | 23.50         |
| 5               | QPSK   | 12 | 7  | 21.43  | 21.53  | 21.44  | 23.50         |
| 5               | QPSK   | 12 | 13 | 21.44  | 21.50  | 21.30  | 23.50         |
| 5               | QPSK   | 25 | 0  | 21.38  | 21.58  | 21.25  | 23.50         |
| 5               | 16QAM  | 1  | 0  | 21.60  | 21.69  | 21.43  | 23.50         |
| 5               | 16QAM  | 1  | 12 | 21.47  | 21.70  | 21.39  | 23.50         |
| 5               | 16QAM  | 1  | 24 | 21.67  | 21.80  | 21.55  | 23.50         |
| 5               | 16QAM  | 12 | 0  | 20.59  | 20.60  | 20.39  | 22.50         |
| 5               | 16QAM  | 12 | 7  | 20.58  | 20.52  | 20.36  | 22.50         |
| 5               | 16QAM  | 12 | 13 | 20.32  | 20.48  | 20.27  | 22.50         |
| 5               | 16QAM  | 25 | 0  | 20.52  | 20.63  | 20.49  | 22.50         |
| 5               | 64QAM  | 1  | 0  | 20.36  | 20.49  | 20.28  | 22.50         |
| 5               | 64QAM  | 1  | 12 | 20.29  | 20.34  | 20.22  | 22.50         |
| 5               | 64QAM  | 1  | 24 | 20.42  | 20.63  | 20.43  | 22.50         |
| 5               | 64QAM  | 12 | 0  | 19.54  | 19.63  | 19.38  | 21.50         |
| 5               | 64QAM  | 12 | 7  | 19.45  | 19.62  | 19.41  | 21.50         |
| 5               | 64QAM  | 12 | 13 | 19.35  | 19.46  | 19.25  | 21.50         |
| 5               | 64QAM  | 25 | 0  | 19.50  | 19.64  | 19.43  | 21.50         |
| 5               | 256QAM | 1  | 0  | 17.48  | 17.53  | 17.43  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.35  | 17.54  | 17.37  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.46  | 17.53  | 17.38  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.51  | 17.63  | 17.44  | 19.50         |
| 5               | 256QAM | 12 | 7  | 17.55  | 17.64  | 17.33  | 19.50         |
| 5               | 256QAM | 12 | 13 | 17.33  | 17.48  | 17.29  | 19.50         |
| 5               | 256QAM | 25 | 0  | 17.49  | 17.59  | 17.43  | 19.50         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.60  | 22.67  | 22.57  | 24.50         |
| 3               | QPSK   | 1  | 8  | 22.58  | 22.54  | 22.31  | 24.50         |
| 3               | QPSK   | 1  | 14 | 22.49  | 22.73  | 22.43  | 24.50         |
| 3               | QPSK   | 8  | 0  | 21.45  | 21.63  | 21.36  | 23.50         |
| 3               | QPSK   | 8  | 4  | 21.51  | 21.58  | 21.38  | 23.50         |
| 3               | QPSK   | 8  | 7  | 21.43  | 21.42  | 21.29  | 23.50         |
| 3               | QPSK   | 15 | 0  | 21.44  | 21.51  | 21.27  | 23.50         |
| 3               | 16QAM  | 1  | 0  | 21.63  | 21.73  | 21.44  | 23.50         |
| 3               | 16QAM  | 1  | 8  | 21.48  | 21.71  | 21.41  | 23.50         |
| 3               | 16QAM  | 1  | 14 | 21.77  | 21.69  | 21.52  | 23.50         |
| 3               | 16QAM  | 8  | 0  | 20.53  | 20.59  | 20.41  | 22.50         |
| 3               | 16QAM  | 8  | 4  | 20.59  | 20.60  | 20.46  | 22.50         |
| 3               | 16QAM  | 8  | 7  | 20.39  | 20.53  | 20.28  | 22.50         |
| 3               | 16QAM  | 15 | 0  | 20.61  | 20.67  | 20.43  | 22.50         |
| 3               | 64QAM  | 1  | 0  | 20.39  | 20.49  | 20.35  | 22.50         |
| 3               | 64QAM  | 1  | 8  | 20.33  | 20.31  | 20.22  | 22.50         |
| 3               | 64QAM  | 1  | 14 | 20.47  | 20.61  | 20.47  | 22.50         |
| 3               | 64QAM  | 8  | 0  | 19.55  | 19.58  | 19.41  | 21.50         |
| 3               | 64QAM  | 8  | 4  | 19.48  | 19.51  | 19.38  | 21.50         |
| 3               | 64QAM  | 8  | 7  | 19.34  | 19.48  | 19.27  | 21.50         |
| 3               | 64QAM  | 15 | 0  | 19.42  | 19.62  | 19.41  | 21.50         |
| 3               | 256QAM | 1  | 0  | 17.48  | 17.63  | 17.34  | 19.50         |
| 3               | 256QAM | 1  | 8  | 17.34  | 17.55  | 17.31  | 19.50         |
| 3               | 256QAM | 1  | 14 | 17.46  | 17.53  | 17.31  | 19.50         |
| 3               | 256QAM | 8  | 0  | 17.45  | 17.55  | 17.45  | 19.50         |
| 3               | 256QAM | 8  | 4  | 17.56  | 17.59  | 17.34  | 19.50         |
| 3               | 256QAM | 8  | 7  | 17.42  | 17.52  | 17.22  | 19.50         |
| 3               | 256QAM | 15 | 0  | 17.53  | 17.66  | 17.55  | 19.50         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |

| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 22.61  | 22.64  | 22.58  | 24.50 |
| 1.4             | QPSK   | 1 | 3 | 22.52  | 22.57  | 22.31  | 24.50 |
| 1.4             | QPSK   | 1 | 5 | 22.48  | 22.69  | 22.39  | 24.50 |
| 1.4             | QPSK   | 3 | 0 | 22.50  | 22.58  | 22.41  | 24.50 |
| 1.4             | QPSK   | 3 | 1 | 22.54  | 22.53  | 22.41  | 24.50 |
| 1.4             | QPSK   | 3 | 3 | 22.45  | 22.53  | 22.28  | 24.50 |
| 1.4             | QPSK   | 6 | 0 | 21.51  | 21.55  | 21.26  | 23.50 |
| 1.4             | 16QAM  | 1 | 0 | 21.59  | 21.74  | 21.48  | 23.50 |
| 1.4             | 16QAM  | 1 | 3 | 21.47  | 21.59  | 21.44  | 23.50 |
| 1.4             | 16QAM  | 1 | 5 | 21.69  | 21.79  | 21.55  | 23.50 |
| 1.4             | 16QAM  | 3 | 0 | 21.52  | 21.56  | 21.38  | 23.50 |
| 1.4             | 16QAM  | 3 | 1 | 21.60  | 21.59  | 21.45  | 23.50 |
| 1.4             | 16QAM  | 3 | 3 | 21.36  | 21.48  | 21.31  | 23.50 |
| 1.4             | 16QAM  | 6 | 0 | 20.61  | 20.66  | 20.43  | 22.50 |
| 1.4             | 64QAM  | 1 | 0 | 20.42  | 20.58  | 20.32  | 22.50 |
| 1.4             | 64QAM  | 1 | 3 | 20.26  | 20.35  | 20.26  | 22.50 |
| 1.4             | 64QAM  | 1 | 5 | 20.42  | 20.60  | 20.34  | 22.50 |
| 1.4             | 64QAM  | 3 | 0 | 20.46  | 20.54  | 20.35  | 22.50 |
| 1.4             | 64QAM  | 3 | 1 | 20.51  | 20.53  | 20.37  | 22.50 |
| 1.4             | 64QAM  | 3 | 3 | 20.43  | 20.46  | 20.16  | 22.50 |
| 1.4             | 64QAM  | 6 | 0 | 19.44  | 19.57  | 19.41  | 21.50 |
| 1.4             | 256QAM | 1 | 0 | 17.52  | 17.55  | 17.42  | 19.50 |
| 1.4             | 256QAM | 1 | 3 | 17.34  | 17.51  | 17.40  | 19.50 |
| 1.4             | 256QAM | 1 | 5 | 17.49  | 17.56  | 17.35  | 19.50 |
| 1.4             | 256QAM | 3 | 0 | 17.53  | 17.65  | 17.46  | 19.50 |
| 1.4             | 256QAM | 3 | 1 | 17.51  | 17.59  | 17.40  | 19.50 |
| 1.4             | 256QAM | 3 | 3 | 17.32  | 17.55  | 17.24  | 19.50 |
| 1.4             | 256QAM | 6 | 0 | 17.56  | 17.69  | 17.48  | 19.50 |

**【LTE Band 4\_Ant 3\_ECI5】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.11                    | 16.19                       | 16.09                     | 17.20                  |
| 20              | QPSK       | 1       | 49        | 15.90                    | 16.06                       | 15.97                     | 17.20                  |
| 20              | QPSK       | 1       | 99        | 16.06                    | 16.02                       | 15.90                     | 17.20                  |
| 20              | QPSK       | 50      | 0         | 16.09                    | 16.16                       | 16.09                     | 17.20                  |
| 20              | QPSK       | 50      | 24        | 16.08                    | 16.13                       | 15.96                     | 17.20                  |
| 20              | QPSK       | 50      | 50        | 16.02                    | 16.10                       | 16.03                     | 17.20                  |
| 20              | QPSK       | 100     | 0         | 15.86                    | 16.12                       | 16.00                     | 17.20                  |
| 20              | 16QAM      | 1       | 0         | 16.04                    | 16.08                       | 15.83                     | 17.20                  |
| 20              | 16QAM      | 1       | 49        | 15.96                    | 16.00                       | 16.06                     | 17.20                  |
| 20              | 16QAM      | 1       | 99        | 15.85                    | 16.00                       | 15.91                     | 17.20                  |
| 20              | 16QAM      | 50      | 0         | 15.94                    | 16.01                       | 15.98                     | 17.20                  |
| 20              | 16QAM      | 50      | 24        | 15.89                    | 16.13                       | 15.93                     | 17.20                  |
| 20              | 16QAM      | 50      | 50        | 15.82                    | 15.95                       | 15.92                     | 17.20                  |
| 20              | 16QAM      | 100     | 0         | 15.97                    | 16.04                       | 15.82                     | 17.20                  |
| 20              | 64QAM      | 1       | 0         | 15.93                    | 16.04                       | 15.92                     | 17.20                  |
| 20              | 64QAM      | 1       | 49        | 15.87                    | 16.09                       | 16.02                     | 17.20                  |
| 20              | 64QAM      | 1       | 99        | 15.89                    | 16.00                       | 15.95                     | 17.20                  |
| 20              | 64QAM      | 50      | 0         | 15.91                    | 16.09                       | 15.95                     | 17.20                  |
| 20              | 64QAM      | 50      | 24        | 15.83                    | 15.99                       | 15.84                     | 17.20                  |
| 20              | 64QAM      | 50      | 50        | 15.82                    | 16.08                       | 15.94                     | 17.20                  |
| 20              | 64QAM      | 100     | 0         | 15.91                    | 16.03                       | 15.98                     | 17.20                  |
| 20              | 256QAM     | 1       | 0         | 15.95                    | 16.13                       | 16.04                     | 17.20                  |
| 20              | 256QAM     | 1       | 49        | 15.91                    | 16.03                       | 15.87                     | 17.20                  |
| 20              | 256QAM     | 1       | 99        | 15.99                    | 15.95                       | 15.81                     | 17.20                  |
| 20              | 256QAM     | 50      | 0         | 15.90                    | 16.09                       | 15.98                     | 17.20                  |
| 20              | 256QAM     | 50      | 24        | 16.03                    | 16.07                       | 16.10                     | 17.20                  |
| 20              | 256QAM     | 50      | 50        | 15.96                    | 16.01                       | 15.94                     | 17.20                  |
| 20              | 256QAM     | 100     | 0         | 15.88                    | 15.91                       | 15.87                     | 17.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 15.96                    | 16.15                       | 16.04                     | 17.20                  |
| 15              | QPSK       | 1       | 37        | 15.80                    | 15.98                       | 15.95                     | 17.20                  |
| 15              | QPSK       | 1       | 74        | 16.00                    | 15.91                       | 15.85                     | 17.20                  |
| 15              | QPSK       | 36      | 0         | 16.07                    | 16.01                       | 16.06                     | 17.20                  |
| 15              | QPSK       | 36      | 20        | 16.02                    | 16.07                       | 15.88                     | 17.20                  |
| 15              | QPSK       | 36      | 39        | 15.91                    | 15.96                       | 16.02                     | 17.20                  |
| 15              | QPSK       | 75      | 0         | 15.81                    | 16.06                       | 15.85                     | 17.20                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 16.03  | 15.94  | 15.80  | 17.20         |
| 15              | 16QAM  | 1  | 37 | 15.83  | 15.86  | 16.02  | 17.20         |
| 15              | 16QAM  | 1  | 74 | 15.80  | 15.98  | 15.89  | 17.20         |
| 15              | 16QAM  | 36 | 0  | 15.92  | 15.98  | 15.85  | 17.20         |
| 15              | 16QAM  | 36 | 20 | 15.82  | 15.99  | 15.90  | 17.20         |
| 15              | 16QAM  | 36 | 39 | 15.80  | 15.82  | 15.86  | 17.20         |
| 15              | 16QAM  | 75 | 0  | 15.80  | 15.89  | 15.80  | 17.20         |
| 15              | 64QAM  | 1  | 0  | 15.87  | 15.91  | 15.83  | 17.20         |
| 15              | 64QAM  | 1  | 37 | 15.82  | 16.06  | 15.96  | 17.20         |
| 15              | 64QAM  | 1  | 74 | 15.86  | 15.93  | 15.87  | 17.20         |
| 15              | 64QAM  | 36 | 0  | 15.82  | 16.00  | 15.91  | 17.20         |
| 15              | 64QAM  | 36 | 20 | 15.80  | 15.87  | 15.80  | 17.20         |
| 15              | 64QAM  | 36 | 39 | 15.80  | 16.01  | 15.92  | 17.20         |
| 15              | 64QAM  | 75 | 0  | 15.88  | 15.93  | 15.89  | 17.20         |
| 15              | 256QAM | 1  | 0  | 15.88  | 16.09  | 16.02  | 17.20         |
| 15              | 256QAM | 1  | 37 | 15.89  | 15.92  | 15.86  | 17.20         |
| 15              | 256QAM | 1  | 74 | 15.88  | 15.87  | 15.80  | 17.20         |
| 15              | 256QAM | 36 | 0  | 15.80  | 16.03  | 15.88  | 17.20         |
| 15              | 256QAM | 36 | 20 | 15.96  | 16.05  | 15.99  | 17.20         |
| 15              | 256QAM | 36 | 39 | 15.92  | 15.99  | 15.81  | 17.20         |
| 15              | 256QAM | 75 | 0  | 15.80  | 15.80  | 15.81  | 17.20         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 16.00  | 16.04  | 16.02  | 17.20         |
| 10              | QPSK   | 1  | 25 | 15.86  | 15.97  | 15.92  | 17.20         |
| 10              | QPSK   | 1  | 49 | 16.04  | 15.87  | 15.80  | 17.20         |
| 10              | QPSK   | 25 | 0  | 16.04  | 16.05  | 16.07  | 17.20         |
| 10              | QPSK   | 25 | 12 | 16.01  | 16.11  | 15.95  | 17.20         |
| 10              | QPSK   | 25 | 25 | 15.96  | 15.99  | 15.91  | 17.20         |
| 10              | QPSK   | 50 | 0  | 15.80  | 16.09  | 15.93  | 17.20         |
| 10              | 16QAM  | 1  | 0  | 16.02  | 15.95  | 15.81  | 17.20         |
| 10              | 16QAM  | 1  | 25 | 15.83  | 15.87  | 15.99  | 17.20         |
| 10              | 16QAM  | 1  | 49 | 15.80  | 15.95  | 15.89  | 17.20         |
| 10              | 16QAM  | 25 | 0  | 15.86  | 15.88  | 15.89  | 17.20         |
| 10              | 16QAM  | 25 | 12 | 15.85  | 16.10  | 15.81  | 17.20         |
| 10              | 16QAM  | 25 | 25 | 15.80  | 15.81  | 15.88  | 17.20         |
| 10              | 16QAM  | 50 | 0  | 15.80  | 15.92  | 15.81  | 17.20         |
| 10              | 64QAM  | 1  | 0  | 15.90  | 15.95  | 15.80  | 17.20         |
| 10              | 64QAM  | 1  | 25 | 15.80  | 16.00  | 15.90  | 17.20         |
| 10              | 64QAM  | 1  | 49 | 15.80  | 15.88  | 15.89  | 17.20         |
| 10              | 64QAM  | 25 | 0  | 15.81  | 16.00  | 15.90  | 17.20         |
| 10              | 64QAM  | 25 | 12 | 15.80  | 15.94  | 15.81  | 17.20         |
| 10              | 64QAM  | 25 | 25 | 15.80  | 15.93  | 15.87  | 17.20         |
| 10              | 64QAM  | 50 | 0  | 15.82  | 15.95  | 15.86  | 17.20         |
| 10              | 256QAM | 1  | 0  | 15.88  | 16.02  | 16.00  | 17.20         |
| 10              | 256QAM | 1  | 25 | 15.80  | 15.95  | 15.80  | 17.20         |
| 10              | 256QAM | 1  | 49 | 15.96  | 15.86  | 15.81  | 17.20         |
| 10              | 256QAM | 25 | 0  | 15.81  | 16.01  | 15.90  | 17.20         |
| 10              | 256QAM | 25 | 12 | 16.02  | 16.05  | 16.05  | 17.20         |
| 10              | 256QAM | 25 | 25 | 15.87  | 15.88  | 15.82  | 17.20         |
| 10              | 256QAM | 50 | 0  | 15.81  | 15.82  | 15.80  | 17.20         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 16.01  | 16.18  | 16.04  | 17.20         |
| 5               | QPSK   | 1  | 12 | 15.83  | 15.98  | 15.87  | 17.20         |
| 5               | QPSK   | 1  | 24 | 15.95  | 15.98  | 15.82  | 17.20         |
| 5               | QPSK   | 12 | 0  | 16.05  | 16.03  | 16.04  | 17.20         |
| 5               | QPSK   | 12 | 7  | 15.96  | 16.04  | 15.85  | 17.20         |
| 5               | QPSK   | 12 | 13 | 16.00  | 16.05  | 15.97  | 17.20         |
| 5               | QPSK   | 25 | 0  | 15.82  | 16.07  | 15.89  | 17.20         |
| 5               | 16QAM  | 1  | 0  | 15.91  | 16.02  | 15.80  | 17.20         |
| 5               | 16QAM  | 1  | 12 | 15.94  | 15.98  | 15.94  | 17.20         |
| 5               | 16QAM  | 1  | 24 | 15.82  | 15.87  | 15.83  | 17.20         |
| 5               | 16QAM  | 12 | 0  | 15.89  | 15.91  | 15.92  | 17.20         |
| 5               | 16QAM  | 12 | 7  | 15.82  | 16.04  | 15.80  | 17.20         |
| 5               | 16QAM  | 12 | 13 | 15.80  | 15.84  | 15.87  | 17.20         |
| 5               | 16QAM  | 25 | 0  | 15.81  | 15.96  | 15.80  | 17.20         |
| 5               | 64QAM  | 1  | 0  | 15.80  | 15.99  | 15.80  | 17.20         |
| 5               | 64QAM  | 1  | 12 | 15.85  | 16.02  | 15.92  | 17.20         |
| 5               | 64QAM  | 1  | 24 | 15.80  | 15.94  | 15.84  | 17.20         |
| 5               | 64QAM  | 12 | 0  | 15.81  | 16.00  | 15.94  | 17.20         |
| 5               | 64QAM  | 12 | 7  | 15.81  | 15.87  | 15.80  | 17.20         |
| 5               | 64QAM  | 12 | 13 | 15.81  | 16.03  | 15.81  | 17.20         |
| 5               | 64QAM  | 25 | 0  | 15.82  | 15.88  | 15.92  | 17.20         |
| 5               | 256QAM | 1  | 0  | 15.86  | 16.07  | 15.96  | 17.20         |
| 5               | 256QAM | 1  | 12 | 15.90  | 15.97  | 15.81  | 17.20         |
| 5               | 256QAM | 1  | 24 | 15.86  | 15.85  | 15.81  | 17.20         |
| 5               | 256QAM | 12 | 0  | 15.81  | 16.05  | 15.90  | 17.20         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 15.99  | 15.98  | 16.04  | 17.20                  |
| 5               | 256QAM | 12 | 13 | 15.85  | 15.93  | 15.86  | 17.20                  |
| 5               | 256QAM | 25 | 0  | 15.81  | 15.89  | 15.81  | 17.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.08  | 16.08  | 16.07  | 17.20                  |
| 3               | QPSK   | 1  | 8  | 15.85  | 16.02  | 15.84  | 17.20                  |
| 3               | QPSK   | 1  | 14 | 15.96  | 15.87  | 15.80  | 17.20                  |
| 3               | QPSK   | 8  | 0  | 16.06  | 16.05  | 16.07  | 17.20                  |
| 3               | QPSK   | 8  | 4  | 16.02  | 15.98  | 15.88  | 17.20                  |
| 3               | QPSK   | 8  | 7  | 15.98  | 16.06  | 15.90  | 17.20                  |
| 3               | QPSK   | 15 | 0  | 15.80  | 16.03  | 15.96  | 17.20                  |
| 3               | 16QAM  | 1  | 0  | 15.96  | 15.98  | 15.80  | 17.20                  |
| 3               | 16QAM  | 1  | 8  | 15.85  | 15.86  | 16.03  | 17.20                  |
| 3               | 16QAM  | 1  | 14 | 15.81  | 15.90  | 15.80  | 17.20                  |
| 3               | 16QAM  | 8  | 0  | 15.84  | 15.97  | 15.92  | 17.20                  |
| 3               | 16QAM  | 8  | 4  | 15.84  | 15.99  | 15.83  | 17.20                  |
| 3               | 16QAM  | 8  | 7  | 15.80  | 15.88  | 15.81  | 17.20                  |
| 3               | 16QAM  | 15 | 0  | 15.81  | 15.97  | 15.82  | 17.20                  |
| 3               | 64QAM  | 1  | 0  | 15.87  | 15.94  | 15.82  | 17.20                  |
| 3               | 64QAM  | 1  | 8  | 15.80  | 16.02  | 15.94  | 17.20                  |
| 3               | 64QAM  | 1  | 14 | 15.85  | 15.90  | 15.94  | 17.20                  |
| 3               | 64QAM  | 8  | 0  | 15.85  | 15.97  | 15.85  | 17.20                  |
| 3               | 64QAM  | 8  | 4  | 15.82  | 15.88  | 15.81  | 17.20                  |
| 3               | 64QAM  | 8  | 7  | 15.82  | 15.98  | 15.83  | 17.20                  |
| 3               | 64QAM  | 15 | 0  | 15.87  | 16.00  | 15.96  | 17.20                  |
| 3               | 256QAM | 1  | 0  | 15.92  | 16.12  | 15.94  | 17.20                  |
| 3               | 256QAM | 1  | 8  | 15.82  | 15.91  | 15.81  | 17.20                  |
| 3               | 256QAM | 1  | 14 | 15.89  | 15.81  | 15.81  | 17.20                  |
| 3               | 256QAM | 8  | 0  | 15.81  | 15.98  | 15.85  | 17.20                  |
| 3               | 256QAM | 8  | 4  | 15.90  | 15.98  | 15.97  | 17.20                  |
| 3               | 256QAM | 8  | 7  | 15.83  | 15.92  | 15.86  | 17.20                  |
| 3               | 256QAM | 15 | 0  | 15.80  | 15.86  | 15.80  | 17.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 16.07  | 16.13  | 16.01  | 17.20                  |
| 1.4             | QPSK   | 1  | 3  | 15.83  | 15.94  | 15.91  | 17.20                  |
| 1.4             | QPSK   | 1  | 5  | 15.96  | 15.88  | 15.80  | 17.20                  |
| 1.4             | QPSK   | 3  | 0  | 16.06  | 16.02  | 16.02  | 17.20                  |
| 1.4             | QPSK   | 3  | 1  | 16.05  | 16.12  | 15.86  | 17.20                  |
| 1.4             | QPSK   | 3  | 3  | 15.97  | 16.06  | 15.98  | 17.20                  |
| 1.4             | QPSK   | 6  | 0  | 15.81  | 16.08  | 15.88  | 17.20                  |
| 1.4             | 16QAM  | 1  | 0  | 15.97  | 16.00  | 15.80  | 17.20                  |
| 1.4             | 16QAM  | 1  | 3  | 15.88  | 15.97  | 16.03  | 17.20                  |
| 1.4             | 16QAM  | 1  | 5  | 15.80  | 15.91  | 15.81  | 17.20                  |
| 1.4             | 16QAM  | 3  | 0  | 15.84  | 15.87  | 15.89  | 17.20                  |
| 1.4             | 16QAM  | 3  | 1  | 15.88  | 16.00  | 15.81  | 17.20                  |
| 1.4             | 16QAM  | 3  | 3  | 15.81  | 15.87  | 15.81  | 17.20                  |
| 1.4             | 16QAM  | 6  | 0  | 15.81  | 15.93  | 15.80  | 17.20                  |
| 1.4             | 64QAM  | 1  | 0  | 15.85  | 15.94  | 15.85  | 17.20                  |
| 1.4             | 64QAM  | 1  | 3  | 15.81  | 16.01  | 15.94  | 17.20                  |
| 1.4             | 64QAM  | 1  | 5  | 15.80  | 15.93  | 15.83  | 17.20                  |
| 1.4             | 64QAM  | 3  | 0  | 15.82  | 15.95  | 15.90  | 17.20                  |
| 1.4             | 64QAM  | 3  | 1  | 15.80  | 15.95  | 15.81  | 17.20                  |
| 1.4             | 64QAM  | 3  | 3  | 15.80  | 15.94  | 15.92  | 17.20                  |
| 1.4             | 64QAM  | 6  | 0  | 15.83  | 15.88  | 15.93  | 17.20                  |
| 1.4             | 256QAM | 1  | 0  | 15.86  | 16.08  | 15.94  | 17.20                  |
| 1.4             | 256QAM | 1  | 3  | 15.80  | 15.90  | 15.82  | 17.20                  |
| 1.4             | 256QAM | 1  | 5  | 15.89  | 15.84  | 15.80  | 17.20                  |
| 1.4             | 256QAM | 3  | 0  | 15.84  | 15.98  | 15.90  | 17.20                  |
| 1.4             | 256QAM | 3  | 1  | 16.02  | 15.97  | 15.96  | 17.20                  |
| 1.4             | 256QAM | 3  | 3  | 15.88  | 15.92  | 15.83  | 17.20                  |
| 1.4             | 256QAM | 6  | 0  | 15.80  | 15.82  | 15.80  | 17.20                  |

**【LTE Band 4\_Ant 3\_ECI5-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.51                    | 16.56                       | 16.52                     | 17.20                  |
| 20              | QPSK       | 1       | 49        | 16.31                    | 16.46                       | 16.36                     | 17.20                  |
| 20              | QPSK       | 1       | 99        | 16.24                    | 16.37                       | 16.19                     | 17.20                  |
| 20              | QPSK       | 50      | 0         | 16.42                    | 16.45                       | 16.41                     | 17.20                  |
| 20              | QPSK       | 50      | 24        | 16.22                    | 16.34                       | 16.22                     | 17.20                  |
| 20              | QPSK       | 50      | 50        | 16.26                    | 16.35                       | 16.18                     | 17.20                  |
| 20              | QPSK       | 100     | 0         | 16.23                    | 16.37                       | 16.27                     | 17.20                  |
| 20              | 16QAM      | 1       | 0         | 16.32                    | 16.48                       | 16.42                     | 17.20                  |
| 20              | 16QAM      | 1       | 49        | 16.19                    | 16.39                       | 16.31                     | 17.20                  |
| 20              | 16QAM      | 1       | 99        | 16.33                    | 16.41                       | 16.22                     | 17.20                  |
| 20              | 16QAM      | 50      | 0         | 16.33                    | 16.45                       | 16.38                     | 17.20                  |
| 20              | 16QAM      | 50      | 24        | 16.36                    | 16.46                       | 16.38                     | 17.20                  |
| 20              | 16QAM      | 50      | 50        | 16.29                    | 16.38                       | 16.30                     | 17.20                  |
| 20              | 16QAM      | 100     | 0         | 16.35                    | 16.44                       | 16.29                     | 17.20                  |
| 20              | 64QAM      | 1       | 0         | 16.33                    | 16.46                       | 16.33                     | 17.20                  |
| 20              | 64QAM      | 1       | 49        | 16.27                    | 16.45                       | 16.28                     | 17.20                  |
| 20              | 64QAM      | 1       | 99        | 16.30                    | 16.38                       | 16.30                     | 17.20                  |
| 20              | 64QAM      | 50      | 0         | 16.29                    | 16.43                       | 16.28                     | 17.20                  |
| 20              | 64QAM      | 50      | 24        | 16.32                    | 16.43                       | 16.35                     | 17.20                  |
| 20              | 64QAM      | 50      | 50        | 16.26                    | 16.43                       | 16.33                     | 17.20                  |
| 20              | 64QAM      | 100     | 0         | 16.26                    | 16.34                       | 16.19                     | 17.20                  |
| 20              | 256QAM     | 1       | 0         | 16.32                    | 16.47                       | 16.39                     | 17.20                  |
| 20              | 256QAM     | 1       | 49        | 16.22                    | 16.37                       | 16.29                     | 17.20                  |
| 20              | 256QAM     | 1       | 99        | 16.22                    | 16.40                       | 16.23                     | 17.20                  |
| 20              | 256QAM     | 50      | 0         | 16.43                    | 16.56                       | 16.46                     | 17.20                  |
| 20              | 256QAM     | 50      | 24        | 16.38                    | 16.46                       | 16.34                     | 17.20                  |
| 20              | 256QAM     | 50      | 50        | 16.21                    | 16.37                       | 16.32                     | 17.20                  |
| 20              | 256QAM     | 100     | 0         | 16.32                    | 16.45                       | 16.35                     | 17.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 16.40                    | 16.43                       | 16.39                     | 17.20                  |
| 15              | QPSK       | 1       | 37        | 16.22                    | 16.41                       | 16.28                     | 17.20                  |
| 15              | QPSK       | 1       | 74        | 16.14                    | 16.29                       | 16.18                     | 17.20                  |
| 15              | QPSK       | 36      | 0         | 16.39                    | 16.35                       | 16.32                     | 17.20                  |
| 15              | QPSK       | 36      | 20        | 16.19                    | 16.29                       | 16.11                     | 17.20                  |
| 15              | QPSK       | 36      | 39        | 16.19                    | 16.29                       | 16.06                     | 17.20                  |
| 15              | QPSK       | 75      | 0         | 16.11                    | 16.30                       | 16.22                     | 17.20                  |
| 15              | 16QAM      | 1       | 0         | 16.27                    | 16.41                       | 16.29                     | 17.20                  |
| 15              | 16QAM      | 1       | 37        | 16.16                    | 16.32                       | 16.28                     | 17.20                  |
| 15              | 16QAM      | 1       | 74        | 16.32                    | 16.35                       | 16.13                     | 17.20                  |
| 15              | 16QAM      | 36      | 0         | 16.21                    | 16.43                       | 16.32                     | 17.20                  |
| 15              | 16QAM      | 36      | 20        | 16.22                    | 16.37                       | 16.35                     | 17.20                  |
| 15              | 16QAM      | 36      | 39        | 16.17                    | 16.31                       | 16.24                     | 17.20                  |
| 15              | 16QAM      | 75      | 0         | 16.33                    | 16.31                       | 16.17                     | 17.20                  |
| 15              | 64QAM      | 1       | 0         | 16.20                    | 16.39                       | 16.31                     | 17.20                  |
| 15              | 64QAM      | 1       | 37        | 16.14                    | 16.41                       | 16.24                     | 17.20                  |
| 15              | 64QAM      | 1       | 74        | 16.18                    | 16.33                       | 16.27                     | 17.20                  |
| 15              | 64QAM      | 36      | 0         | 16.27                    | 16.29                       | 16.27                     | 17.20                  |
| 15              | 64QAM      | 36      | 20        | 16.25                    | 16.36                       | 16.22                     | 17.20                  |
| 15              | 64QAM      | 36      | 39        | 16.22                    | 16.36                       | 16.29                     | 17.20                  |
| 15              | 64QAM      | 75      | 0         | 16.23                    | 16.33                       | 16.05                     | 17.20                  |
| 15              | 256QAM     | 1       | 0         | 16.21                    | 16.35                       | 16.28                     | 17.20                  |
| 15              | 256QAM     | 1       | 37        | 16.17                    | 16.34                       | 16.18                     | 17.20                  |
| 15              | 256QAM     | 1       | 74        | 16.12                    | 16.31                       | 16.20                     | 17.20                  |
| 15              | 256QAM     | 36      | 0         | 16.34                    | 16.47                       | 16.37                     | 17.20                  |
| 15              | 256QAM     | 36      | 20        | 16.30                    | 16.35                       | 16.29                     | 17.20                  |
| 15              | 256QAM     | 36      | 39        | 16.12                    | 16.33                       | 16.26                     | 17.20                  |
| 15              | 256QAM     | 75      | 0         | 16.27                    | 16.39                       | 16.28                     | 17.20                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 16.44                    | 16.43                       | 16.38                     | 17.20                  |
| 10              | QPSK       | 1       | 25        | 16.28                    | 16.41                       | 16.34                     | 17.20                  |
| 10              | QPSK       | 1       | 49        | 16.19                    | 16.28                       | 16.17                     | 17.20                  |
| 10              | QPSK       | 25      | 0         | 16.33                    | 16.34                       | 16.30                     | 17.20                  |
| 10              | QPSK       | 25      | 12        | 16.15                    | 16.30                       | 16.20                     | 17.20                  |
| 10              | QPSK       | 25      | 25        | 16.20                    | 16.27                       | 16.11                     | 17.20                  |
| 10              | QPSK       | 50      | 0         | 16.08                    | 16.28                       | 16.17                     | 17.20                  |
| 10              | 16QAM      | 1       | 0         | 16.22                    | 16.38                       | 16.35                     | 17.20                  |
| 10              | 16QAM      | 1       | 25        | 16.18                    | 16.25                       | 16.27                     | 17.20                  |
| 10              | 16QAM      | 1       | 49        | 16.29                    | 16.40                       | 16.13                     | 17.20                  |
| 10              | 16QAM      | 25      | 0         | 16.30                    | 16.40                       | 16.31                     | 17.20                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 16.31  | 16.32  | 16.32  | 17.20                  |
| 10              | 16QAM  | 25 | 25 | 16.14  | 16.36  | 16.19  | 17.20                  |
| 10              | 16QAM  | 50 | 0  | 16.34  | 16.32  | 16.23  | 17.20                  |
| 10              | 64QAM  | 1  | 0  | 16.22  | 16.42  | 16.32  | 17.20                  |
| 10              | 64QAM  | 1  | 25 | 16.26  | 16.42  | 16.24  | 17.20                  |
| 10              | 64QAM  | 1  | 49 | 16.25  | 16.36  | 16.19  | 17.20                  |
| 10              | 64QAM  | 25 | 0  | 16.25  | 16.34  | 16.17  | 17.20                  |
| 10              | 64QAM  | 25 | 12 | 16.26  | 16.29  | 16.32  | 17.20                  |
| 10              | 64QAM  | 25 | 25 | 16.12  | 16.33  | 16.21  | 17.20                  |
| 10              | 64QAM  | 50 | 0  | 16.18  | 16.29  | 16.17  | 17.20                  |
| 10              | 256QAM | 1  | 0  | 16.20  | 16.39  | 16.26  | 17.20                  |
| 10              | 256QAM | 1  | 25 | 16.20  | 16.32  | 16.14  | 17.20                  |
| 10              | 256QAM | 1  | 49 | 16.18  | 16.39  | 16.12  | 17.20                  |
| 10              | 256QAM | 25 | 0  | 16.42  | 16.43  | 16.44  | 17.20                  |
| 10              | 256QAM | 25 | 12 | 16.26  | 16.41  | 16.30  | 17.20                  |
| 10              | 256QAM | 25 | 25 | 16.06  | 16.31  | 16.28  | 17.20                  |
| 10              | 256QAM | 50 | 0  | 16.21  | 16.38  | 16.24  | 17.20                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 16.37  | 16.53  | 16.38  | 17.20                  |
| 5               | QPSK   | 1  | 12 | 16.17  | 16.42  | 16.21  | 17.20                  |
| 5               | QPSK   | 1  | 24 | 16.12  | 16.29  | 16.12  | 17.20                  |
| 5               | QPSK   | 12 | 0  | 16.40  | 16.37  | 16.36  | 17.20                  |
| 5               | QPSK   | 12 | 7  | 16.12  | 16.31  | 16.13  | 17.20                  |
| 5               | QPSK   | 12 | 13 | 16.20  | 16.32  | 16.07  | 17.20                  |
| 5               | QPSK   | 25 | 0  | 16.10  | 16.31  | 16.25  | 17.20                  |
| 5               | 16QAM  | 1  | 0  | 16.24  | 16.42  | 16.28  | 17.20                  |
| 5               | 16QAM  | 1  | 12 | 16.09  | 16.28  | 16.23  | 17.20                  |
| 5               | 16QAM  | 1  | 24 | 16.28  | 16.29  | 16.17  | 17.20                  |
| 5               | 16QAM  | 12 | 0  | 16.24  | 16.39  | 16.29  | 17.20                  |
| 5               | 16QAM  | 12 | 7  | 16.34  | 16.34  | 16.34  | 17.20                  |
| 5               | 16QAM  | 12 | 13 | 16.19  | 16.27  | 16.18  | 17.20                  |
| 5               | 16QAM  | 25 | 0  | 16.22  | 16.34  | 16.25  | 17.20                  |
| 5               | 64QAM  | 1  | 0  | 16.27  | 16.38  | 16.31  | 17.20                  |
| 5               | 64QAM  | 1  | 12 | 16.17  | 16.37  | 16.23  | 17.20                  |
| 5               | 64QAM  | 1  | 24 | 16.15  | 16.29  | 16.21  | 17.20                  |
| 5               | 64QAM  | 12 | 0  | 16.27  | 16.32  | 16.21  | 17.20                  |
| 5               | 64QAM  | 12 | 7  | 16.27  | 16.30  | 16.27  | 17.20                  |
| 5               | 64QAM  | 12 | 13 | 16.14  | 16.37  | 16.25  | 17.20                  |
| 5               | 64QAM  | 25 | 0  | 16.23  | 16.23  | 16.07  | 17.20                  |
| 5               | 256QAM | 1  | 0  | 16.25  | 16.43  | 16.25  | 17.20                  |
| 5               | 256QAM | 1  | 12 | 16.10  | 16.24  | 16.27  | 17.20                  |
| 5               | 256QAM | 1  | 24 | 16.11  | 16.32  | 16.13  | 17.20                  |
| 5               | 256QAM | 12 | 0  | 16.37  | 16.45  | 16.35  | 17.20                  |
| 5               | 256QAM | 12 | 7  | 16.36  | 16.40  | 16.25  | 17.20                  |
| 5               | 256QAM | 12 | 13 | 16.16  | 16.30  | 16.24  | 17.20                  |
| 5               | 256QAM | 25 | 0  | 16.17  | 16.39  | 16.25  | 17.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.39  | 16.55  | 16.46  | 17.20                  |
| 3               | QPSK   | 1  | 8  | 16.17  | 16.40  | 16.33  | 17.20                  |
| 3               | QPSK   | 1  | 14 | 16.12  | 16.33  | 16.14  | 17.20                  |
| 3               | QPSK   | 8  | 0  | 16.40  | 16.38  | 16.32  | 17.20                  |
| 3               | QPSK   | 8  | 4  | 16.09  | 16.24  | 16.09  | 17.20                  |
| 3               | QPSK   | 8  | 7  | 16.19  | 16.32  | 16.09  | 17.20                  |
| 3               | QPSK   | 15 | 0  | 16.14  | 16.32  | 16.13  | 17.20                  |
| 3               | 16QAM  | 1  | 0  | 16.21  | 16.36  | 16.40  | 17.20                  |
| 3               | 16QAM  | 1  | 8  | 16.17  | 16.26  | 16.18  | 17.20                  |
| 3               | 16QAM  | 1  | 14 | 16.24  | 16.37  | 16.14  | 17.20                  |
| 3               | 16QAM  | 8  | 0  | 16.31  | 16.37  | 16.31  | 17.20                  |
| 3               | 16QAM  | 8  | 4  | 16.27  | 16.38  | 16.26  | 17.20                  |
| 3               | 16QAM  | 8  | 7  | 16.18  | 16.28  | 16.23  | 17.20                  |
| 3               | 16QAM  | 15 | 0  | 16.31  | 16.32  | 16.22  | 17.20                  |
| 3               | 64QAM  | 1  | 0  | 16.24  | 16.37  | 16.29  | 17.20                  |
| 3               | 64QAM  | 1  | 8  | 16.17  | 16.38  | 16.23  | 17.20                  |
| 3               | 64QAM  | 1  | 14 | 16.24  | 16.30  | 16.20  | 17.20                  |
| 3               | 64QAM  | 8  | 0  | 16.27  | 16.28  | 16.18  | 17.20                  |
| 3               | 64QAM  | 8  | 4  | 16.22  | 16.40  | 16.25  | 17.20                  |
| 3               | 64QAM  | 8  | 7  | 16.16  | 16.32  | 16.26  | 17.20                  |
| 3               | 64QAM  | 15 | 0  | 16.21  | 16.28  | 16.16  | 17.20                  |
| 3               | 256QAM | 1  | 0  | 16.30  | 16.39  | 16.29  | 17.20                  |
| 3               | 256QAM | 1  | 8  | 16.19  | 16.31  | 16.20  | 17.20                  |
| 3               | 256QAM | 1  | 14 | 16.16  | 16.31  | 16.09  | 17.20                  |
| 3               | 256QAM | 8  | 0  | 16.37  | 16.52  | 16.43  | 17.20                  |
| 3               | 256QAM | 8  | 4  | 16.23  | 16.32  | 16.22  | 17.20                  |
| 3               | 256QAM | 8  | 7  | 16.16  | 16.22  | 16.26  | 17.20                  |
| 3               | 256QAM | 15 | 0  | 16.26  | 16.31  | 16.26  | 17.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 16.47  | 16.46  | 16.39  | 17.20 |
| 1.4             | QPSK   | 1 | 3 | 16.20  | 16.37  | 16.35  | 17.20 |
| 1.4             | QPSK   | 1 | 5 | 16.22  | 16.24  | 16.07  | 17.20 |
| 1.4             | QPSK   | 3 | 0 | 16.36  | 16.39  | 16.34  | 17.20 |
| 1.4             | QPSK   | 3 | 1 | 16.12  | 16.28  | 16.15  | 17.20 |
| 1.4             | QPSK   | 3 | 3 | 16.21  | 16.23  | 16.15  | 17.20 |
| 1.4             | QPSK   | 6 | 0 | 16.21  | 16.36  | 16.21  | 17.20 |
| 1.4             | 16QAM  | 1 | 0 | 16.26  | 16.46  | 16.32  | 17.20 |
| 1.4             | 16QAM  | 1 | 3 | 16.11  | 16.29  | 16.21  | 17.20 |
| 1.4             | 16QAM  | 1 | 5 | 16.18  | 16.32  | 16.15  | 17.20 |
| 1.4             | 16QAM  | 3 | 0 | 16.23  | 16.33  | 16.27  | 17.20 |
| 1.4             | 16QAM  | 3 | 1 | 16.27  | 16.33  | 16.27  | 17.20 |
| 1.4             | 16QAM  | 3 | 3 | 16.18  | 16.23  | 16.21  | 17.20 |
| 1.4             | 16QAM  | 6 | 0 | 16.29  | 16.35  | 16.17  | 17.20 |
| 1.4             | 64QAM  | 1 | 0 | 16.31  | 16.42  | 16.29  | 17.20 |
| 1.4             | 64QAM  | 1 | 3 | 16.16  | 16.40  | 16.20  | 17.20 |
| 1.4             | 64QAM  | 1 | 5 | 16.26  | 16.36  | 16.23  | 17.20 |
| 1.4             | 64QAM  | 3 | 0 | 16.26  | 16.35  | 16.17  | 17.20 |
| 1.4             | 64QAM  | 3 | 1 | 16.30  | 16.36  | 16.28  | 17.20 |
| 1.4             | 64QAM  | 3 | 3 | 16.19  | 16.30  | 16.26  | 17.20 |
| 1.4             | 64QAM  | 6 | 0 | 16.17  | 16.29  | 16.16  | 17.20 |
| 1.4             | 256QAM | 1 | 0 | 16.30  | 16.41  | 16.37  | 17.20 |
| 1.4             | 256QAM | 1 | 3 | 16.10  | 16.26  | 16.27  | 17.20 |
| 1.4             | 256QAM | 1 | 5 | 16.13  | 16.31  | 16.09  | 17.20 |
| 1.4             | 256QAM | 3 | 0 | 16.38  | 16.46  | 16.43  | 17.20 |
| 1.4             | 256QAM | 3 | 1 | 16.29  | 16.35  | 16.31  | 17.20 |
| 1.4             | 256QAM | 3 | 3 | 16.15  | 16.32  | 16.29  | 17.20 |
| 1.4             | 256QAM | 6 | 0 | 16.19  | 16.35  | 16.26  | 17.20 |

**【LTE Band 4\_Ant 3\_ECI5-2】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.30                    | 16.34                       | 16.31                     | 18.00                  |
| 20              | QPSK       | 1       | 49        | 16.10                    | 16.16                       | 16.04                     | 18.00                  |
| 20              | QPSK       | 1       | 99        | 16.07                    | 16.15                       | 16.07                     | 18.00                  |
| 20              | QPSK       | 50      | 0         | 16.10                    | 16.16                       | 16.12                     | 18.00                  |
| 20              | QPSK       | 50      | 24        | 16.00                    | 16.06                       | 16.01                     | 18.00                  |
| 20              | QPSK       | 50      | 50        | 16.02                    | 16.11                       | 16.02                     | 18.00                  |
| 20              | QPSK       | 100     | 0         | 15.93                    | 16.07                       | 16.02                     | 18.00                  |
| 20              | 16QAM      | 1       | 0         | 15.91                    | 16.09                       | 16.01                     | 18.00                  |
| 20              | 16QAM      | 1       | 49        | 16.10                    | 16.15                       | 16.05                     | 18.00                  |
| 20              | 16QAM      | 1       | 99        | 16.03                    | 16.10                       | 15.96                     | 18.00                  |
| 20              | 16QAM      | 50      | 0         | 15.93                    | 16.03                       | 15.93                     | 18.00                  |
| 20              | 16QAM      | 50      | 24        | 15.98                    | 16.17                       | 16.09                     | 18.00                  |
| 20              | 16QAM      | 50      | 50        | 16.02                    | 16.10                       | 15.92                     | 18.00                  |
| 20              | 16QAM      | 100     | 0         | 15.90                    | 16.08                       | 16.02                     | 18.00                  |
| 20              | 64QAM      | 1       | 0         | 15.91                    | 16.04                       | 15.91                     | 18.00                  |
| 20              | 64QAM      | 1       | 49        | 15.91                    | 16.07                       | 15.91                     | 18.00                  |
| 20              | 64QAM      | 1       | 99        | 15.97                    | 16.10                       | 15.94                     | 18.00                  |
| 20              | 64QAM      | 50      | 0         | 16.07                    | 16.12                       | 16.02                     | 18.00                  |
| 20              | 64QAM      | 50      | 24        | 15.97                    | 16.08                       | 15.96                     | 18.00                  |
| 20              | 64QAM      | 50      | 50        | 16.02                    | 16.13                       | 15.98                     | 18.00                  |
| 20              | 64QAM      | 100     | 0         | 16.10                    | 16.17                       | 16.01                     | 18.00                  |
| 20              | 256QAM     | 1       | 0         | 16.00                    | 16.06                       | 15.98                     | 18.00                  |
| 20              | 256QAM     | 1       | 49        | 15.92                    | 16.07                       | 15.96                     | 18.00                  |
| 20              | 256QAM     | 1       | 99        | 15.97                    | 16.07                       | 15.92                     | 18.00                  |
| 20              | 256QAM     | 50      | 0         | 16.19                    | 16.34                       | 16.24                     | 18.00                  |
| 20              | 256QAM     | 50      | 24        | 16.08                    | 16.16                       | 16.04                     | 18.00                  |
| 20              | 256QAM     | 50      | 50        | 15.97                    | 16.15                       | 16.09                     | 18.00                  |
| 20              | 256QAM     | 100     | 0         | 16.05                    | 16.16                       | 16.05                     | 18.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 16.15                    | 16.33                       | 16.22                     | 18.00                  |
| 15              | QPSK       | 1       | 37        | 15.96                    | 16.06                       | 15.99                     | 18.00                  |
| 15              | QPSK       | 1       | 74        | 15.96                    | 16.02                       | 15.93                     | 18.00                  |
| 15              | QPSK       | 36      | 0         | 15.96                    | 16.07                       | 16.02                     | 18.00                  |
| 15              | QPSK       | 36      | 20        | 15.93                    | 16.05                       | 15.99                     | 18.00                  |
| 15              | QPSK       | 36      | 39        | 15.92                    | 16.09                       | 15.88                     | 18.00                  |
| 15              | QPSK       | 75      | 0         | 15.82                    | 16.05                       | 15.92                     | 18.00                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 15.79  | 16.02  | 16.00  | 18.00         |
| 15              | 16QAM  | 1  | 37 | 15.97  | 16.12  | 15.92  | 18.00         |
| 15              | 16QAM  | 1  | 74 | 15.99  | 15.98  | 15.83  | 18.00         |
| 15              | 16QAM  | 36 | 0  | 15.82  | 16.01  | 15.80  | 18.00         |
| 15              | 16QAM  | 36 | 20 | 15.86  | 16.08  | 16.03  | 18.00         |
| 15              | 16QAM  | 36 | 39 | 15.98  | 16.06  | 15.77  | 18.00         |
| 15              | 16QAM  | 75 | 0  | 15.78  | 16.02  | 15.95  | 18.00         |
| 15              | 64QAM  | 1  | 0  | 15.80  | 16.00  | 15.84  | 18.00         |
| 15              | 64QAM  | 1  | 37 | 15.78  | 16.02  | 15.83  | 18.00         |
| 15              | 64QAM  | 1  | 74 | 15.87  | 15.99  | 15.83  | 18.00         |
| 15              | 64QAM  | 36 | 0  | 16.02  | 16.04  | 15.94  | 18.00         |
| 15              | 64QAM  | 36 | 20 | 15.88  | 15.94  | 15.88  | 18.00         |
| 15              | 64QAM  | 36 | 39 | 15.99  | 16.09  | 15.84  | 18.00         |
| 15              | 64QAM  | 75 | 0  | 15.98  | 16.13  | 15.97  | 18.00         |
| 15              | 256QAM | 1  | 0  | 15.89  | 15.92  | 15.89  | 18.00         |
| 15              | 256QAM | 1  | 37 | 15.90  | 16.00  | 15.90  | 18.00         |
| 15              | 256QAM | 1  | 74 | 15.86  | 15.98  | 15.87  | 18.00         |
| 15              | 256QAM | 36 | 0  | 16.08  | 16.30  | 16.16  | 18.00         |
| 15              | 256QAM | 36 | 20 | 16.06  | 16.06  | 15.99  | 18.00         |
| 15              | 256QAM | 36 | 39 | 15.87  | 16.05  | 16.06  | 18.00         |
| 15              | 256QAM | 75 | 0  | 15.98  | 16.07  | 15.97  | 18.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 16.28  | 16.21  | 16.17  | 18.00         |
| 10              | QPSK   | 1  | 25 | 15.98  | 16.13  | 15.93  | 18.00         |
| 10              | QPSK   | 1  | 49 | 16.04  | 16.11  | 16.03  | 18.00         |
| 10              | QPSK   | 25 | 0  | 16.00  | 16.04  | 16.01  | 18.00         |
| 10              | QPSK   | 25 | 12 | 15.93  | 16.00  | 15.92  | 18.00         |
| 10              | QPSK   | 25 | 25 | 15.93  | 16.05  | 15.95  | 18.00         |
| 10              | QPSK   | 50 | 0  | 15.92  | 16.00  | 15.97  | 18.00         |
| 10              | 16QAM  | 1  | 0  | 15.80  | 16.04  | 15.91  | 18.00         |
| 10              | 16QAM  | 1  | 25 | 15.96  | 16.13  | 15.97  | 18.00         |
| 10              | 16QAM  | 1  | 49 | 15.89  | 16.07  | 15.90  | 18.00         |
| 10              | 16QAM  | 25 | 0  | 15.78  | 15.96  | 15.79  | 18.00         |
| 10              | 16QAM  | 25 | 12 | 15.95  | 16.10  | 16.06  | 18.00         |
| 10              | 16QAM  | 25 | 25 | 15.98  | 15.98  | 15.83  | 18.00         |
| 10              | 16QAM  | 50 | 0  | 15.79  | 15.95  | 15.88  | 18.00         |
| 10              | 64QAM  | 1  | 0  | 15.80  | 15.94  | 15.86  | 18.00         |
| 10              | 64QAM  | 1  | 25 | 15.76  | 16.04  | 15.83  | 18.00         |
| 10              | 64QAM  | 1  | 49 | 15.88  | 16.01  | 15.84  | 18.00         |
| 10              | 64QAM  | 25 | 0  | 15.95  | 15.99  | 15.89  | 18.00         |
| 10              | 64QAM  | 25 | 12 | 15.94  | 16.06  | 15.92  | 18.00         |
| 10              | 64QAM  | 25 | 25 | 15.97  | 16.12  | 15.87  | 18.00         |
| 10              | 64QAM  | 50 | 0  | 16.06  | 16.13  | 15.97  | 18.00         |
| 10              | 256QAM | 1  | 0  | 15.97  | 16.03  | 15.89  | 18.00         |
| 10              | 256QAM | 1  | 25 | 15.83  | 15.96  | 15.92  | 18.00         |
| 10              | 256QAM | 1  | 49 | 15.92  | 16.05  | 15.78  | 18.00         |
| 10              | 256QAM | 25 | 0  | 16.14  | 16.27  | 16.14  | 18.00         |
| 10              | 256QAM | 25 | 12 | 16.04  | 16.09  | 15.97  | 18.00         |
| 10              | 256QAM | 25 | 25 | 15.89  | 16.02  | 16.03  | 18.00         |
| 10              | 256QAM | 50 | 0  | 15.99  | 16.08  | 15.93  | 18.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 16.18  | 16.29  | 16.27  | 18.00         |
| 5               | QPSK   | 1  | 12 | 16.01  | 16.10  | 15.99  | 18.00         |
| 5               | QPSK   | 1  | 24 | 16.00  | 16.10  | 15.99  | 18.00         |
| 5               | QPSK   | 12 | 0  | 16.04  | 16.05  | 16.07  | 18.00         |
| 5               | QPSK   | 12 | 7  | 15.90  | 16.01  | 15.91  | 18.00         |
| 5               | QPSK   | 12 | 13 | 15.94  | 16.04  | 15.88  | 18.00         |
| 5               | QPSK   | 25 | 0  | 15.91  | 16.05  | 15.96  | 18.00         |
| 5               | 16QAM  | 1  | 0  | 15.83  | 16.06  | 15.90  | 18.00         |
| 5               | 16QAM  | 1  | 12 | 16.02  | 16.01  | 15.92  | 18.00         |
| 5               | 16QAM  | 1  | 24 | 16.00  | 16.08  | 15.88  | 18.00         |
| 5               | 16QAM  | 12 | 0  | 15.78  | 16.01  | 15.84  | 18.00         |
| 5               | 16QAM  | 12 | 7  | 15.93  | 16.15  | 16.06  | 18.00         |
| 5               | 16QAM  | 12 | 13 | 15.90  | 16.09  | 15.86  | 18.00         |
| 5               | 16QAM  | 25 | 0  | 15.87  | 16.07  | 15.93  | 18.00         |
| 5               | 64QAM  | 1  | 0  | 15.78  | 15.97  | 15.76  | 18.00         |
| 5               | 64QAM  | 1  | 12 | 15.81  | 15.93  | 15.84  | 18.00         |
| 5               | 64QAM  | 1  | 24 | 15.85  | 16.03  | 15.84  | 18.00         |
| 5               | 64QAM  | 12 | 0  | 15.95  | 16.08  | 15.95  | 18.00         |
| 5               | 64QAM  | 12 | 7  | 15.88  | 16.05  | 15.85  | 18.00         |
| 5               | 64QAM  | 12 | 13 | 16.00  | 16.01  | 15.84  | 18.00         |
| 5               | 64QAM  | 25 | 0  | 15.99  | 16.08  | 15.99  | 18.00         |
| 5               | 256QAM | 1  | 0  | 15.88  | 15.97  | 15.93  | 18.00         |
| 5               | 256QAM | 1  | 12 | 15.81  | 16.00  | 15.93  | 18.00         |
| 5               | 256QAM | 1  | 24 | 15.89  | 15.97  | 15.84  | 18.00         |
| 5               | 256QAM | 12 | 0  | 16.07  | 16.28  | 16.15  | 18.00         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 15.95  | 16.06  | 16.00  | 18.00                  |
| 5               | 256QAM | 12 | 13 | 15.89  | 16.10  | 16.07  | 18.00                  |
| 5               | 256QAM | 25 | 0  | 15.92  | 16.12  | 15.97  | 18.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.17  | 16.30  | 16.17  | 18.00                  |
| 3               | QPSK   | 1  | 8  | 15.95  | 16.15  | 15.89  | 18.00                  |
| 3               | QPSK   | 1  | 14 | 16.02  | 16.00  | 15.94  | 18.00                  |
| 3               | QPSK   | 8  | 0  | 16.02  | 16.15  | 16.07  | 18.00                  |
| 3               | QPSK   | 8  | 4  | 15.88  | 15.94  | 15.93  | 18.00                  |
| 3               | QPSK   | 8  | 7  | 15.88  | 16.00  | 15.99  | 18.00                  |
| 3               | QPSK   | 15 | 0  | 15.90  | 15.94  | 16.01  | 18.00                  |
| 3               | 16QAM  | 1  | 0  | 15.86  | 15.98  | 15.93  | 18.00                  |
| 3               | 16QAM  | 1  | 8  | 16.00  | 16.14  | 15.98  | 18.00                  |
| 3               | 16QAM  | 1  | 14 | 15.89  | 15.97  | 15.84  | 18.00                  |
| 3               | 16QAM  | 8  | 0  | 15.91  | 16.01  | 15.86  | 18.00                  |
| 3               | 16QAM  | 8  | 4  | 15.97  | 16.02  | 15.98  | 18.00                  |
| 3               | 16QAM  | 8  | 7  | 15.89  | 16.09  | 15.84  | 18.00                  |
| 3               | 16QAM  | 15 | 0  | 15.88  | 15.95  | 15.91  | 18.00                  |
| 3               | 64QAM  | 1  | 0  | 15.83  | 15.98  | 15.77  | 18.00                  |
| 3               | 64QAM  | 1  | 8  | 15.89  | 16.03  | 15.89  | 18.00                  |
| 3               | 64QAM  | 1  | 14 | 15.93  | 15.98  | 15.83  | 18.00                  |
| 3               | 64QAM  | 8  | 0  | 16.03  | 16.11  | 15.92  | 18.00                  |
| 3               | 64QAM  | 8  | 4  | 15.91  | 16.06  | 15.85  | 18.00                  |
| 3               | 64QAM  | 8  | 7  | 15.95  | 16.10  | 15.89  | 18.00                  |
| 3               | 64QAM  | 15 | 0  | 16.04  | 16.13  | 15.90  | 18.00                  |
| 3               | 256QAM | 1  | 0  | 15.91  | 16.02  | 15.94  | 18.00                  |
| 3               | 256QAM | 1  | 8  | 15.90  | 16.00  | 15.82  | 18.00                  |
| 3               | 256QAM | 1  | 14 | 15.96  | 15.96  | 15.87  | 18.00                  |
| 3               | 256QAM | 8  | 0  | 16.07  | 16.30  | 16.16  | 18.00                  |
| 3               | 256QAM | 8  | 4  | 15.94  | 16.08  | 15.92  | 18.00                  |
| 3               | 256QAM | 8  | 7  | 15.88  | 16.00  | 15.96  | 18.00                  |
| 3               | 256QAM | 15 | 0  | 16.01  | 16.14  | 16.01  | 18.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 16.24  | 16.29  | 16.25  | 18.00                  |
| 1.4             | QPSK   | 1  | 3  | 15.95  | 16.02  | 15.96  | 18.00                  |
| 1.4             | QPSK   | 1  | 5  | 16.00  | 16.14  | 16.01  | 18.00                  |
| 1.4             | QPSK   | 3  | 0  | 15.95  | 16.07  | 16.00  | 18.00                  |
| 1.4             | QPSK   | 3  | 1  | 15.96  | 16.01  | 15.88  | 18.00                  |
| 1.4             | QPSK   | 3  | 3  | 15.89  | 16.05  | 15.91  | 18.00                  |
| 1.4             | QPSK   | 6  | 0  | 15.91  | 16.05  | 15.94  | 18.00                  |
| 1.4             | 16QAM  | 1  | 0  | 15.89  | 15.99  | 15.99  | 18.00                  |
| 1.4             | 16QAM  | 1  | 3  | 15.96  | 16.01  | 15.92  | 18.00                  |
| 1.4             | 16QAM  | 1  | 5  | 15.99  | 16.04  | 15.85  | 18.00                  |
| 1.4             | 16QAM  | 3  | 0  | 15.86  | 15.92  | 15.80  | 18.00                  |
| 1.4             | 16QAM  | 3  | 1  | 15.89  | 16.09  | 15.95  | 18.00                  |
| 1.4             | 16QAM  | 3  | 3  | 15.95  | 15.99  | 15.82  | 18.00                  |
| 1.4             | 16QAM  | 6  | 0  | 15.84  | 16.03  | 15.99  | 18.00                  |
| 1.4             | 64QAM  | 1  | 0  | 15.79  | 15.94  | 15.77  | 18.00                  |
| 1.4             | 64QAM  | 1  | 3  | 15.78  | 16.04  | 15.84  | 18.00                  |
| 1.4             | 64QAM  | 1  | 5  | 15.91  | 15.96  | 15.81  | 18.00                  |
| 1.4             | 64QAM  | 3  | 0  | 15.98  | 15.98  | 15.93  | 18.00                  |
| 1.4             | 64QAM  | 3  | 1  | 15.95  | 16.00  | 15.92  | 18.00                  |
| 1.4             | 64QAM  | 3  | 3  | 15.95  | 16.10  | 15.95  | 18.00                  |
| 1.4             | 64QAM  | 6  | 0  | 16.04  | 16.15  | 15.92  | 18.00                  |
| 1.4             | 256QAM | 1  | 0  | 15.94  | 15.98  | 15.92  | 18.00                  |
| 1.4             | 256QAM | 1  | 3  | 15.81  | 16.03  | 15.93  | 18.00                  |
| 1.4             | 256QAM | 1  | 5  | 15.94  | 16.02  | 15.83  | 18.00                  |
| 1.4             | 256QAM | 3  | 0  | 16.18  | 16.23  | 16.18  | 18.00                  |
| 1.4             | 256QAM | 3  | 1  | 15.96  | 16.05  | 16.02  | 18.00                  |
| 1.4             | 256QAM | 3  | 3  | 15.88  | 16.07  | 16.06  | 18.00                  |
| 1.4             | 256QAM | 6  | 0  | 15.98  | 16.14  | 16.00  | 18.00                  |

**【LTE Band 4\_Ant 4\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 24.58                    | 24.67                       | 24.60                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.51                    | 24.61                       | 24.41                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.42                    | 24.59                       | 24.46                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.57                    | 23.75                       | 23.63                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.54                    | 23.73                       | 23.53                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.50                    | 23.71                       | 23.60                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 23.60                    | 23.77                       | 23.60                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 23.85                    | 23.98                       | 23.83                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.69                    | 23.92                       | 23.73                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.89                    | 23.99                       | 23.81                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.62                    | 22.72                       | 22.51                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.53                    | 22.72                       | 22.54                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.53                    | 22.74                       | 22.60                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 22.54                    | 22.73                       | 22.54                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 22.82                    | 22.93                       | 22.74                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.76                    | 22.90                       | 22.81                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.81                    | 22.98                       | 22.90                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.52                    | 21.71                       | 21.58                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.63                    | 21.73                       | 21.55                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.49                    | 21.72                       | 21.61                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 21.64                    | 21.73                       | 21.66                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 19.75                    | 19.90                       | 19.76                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.67                    | 19.80                       | 19.72                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.60                    | 19.82                       | 19.70                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.61                    | 19.70                       | 19.54                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.50                    | 19.70                       | 19.50                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.62                    | 19.71                       | 19.52                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.57                    | 19.72                       | 19.54                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.49                    | 24.59                       | 24.50                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.46                    | 24.58                       | 24.28                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.40                    | 24.57                       | 24.36                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.43                    | 23.65                       | 23.59                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.49                    | 23.71                       | 23.41                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.40                    | 23.62                       | 23.53                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.55                    | 23.75                       | 23.49                     | 24.70                  |
| 15              | 16QAM      | 1       | 0         | 23.76                    | 23.83                       | 23.78                     | 24.70                  |
| 15              | 16QAM      | 1       | 37        | 23.66                    | 23.78                       | 23.62                     | 24.70                  |
| 15              | 16QAM      | 1       | 74        | 23.79                    | 23.90                       | 23.76                     | 24.70                  |
| 15              | 16QAM      | 36      | 0         | 22.56                    | 22.70                       | 22.43                     | 23.70                  |
| 15              | 16QAM      | 36      | 20        | 22.46                    | 22.65                       | 22.47                     | 23.70                  |
| 15              | 16QAM      | 36      | 39        | 22.39                    | 22.63                       | 22.53                     | 23.70                  |
| 15              | 16QAM      | 75      | 0         | 22.49                    | 22.61                       | 22.50                     | 23.70                  |
| 15              | 64QAM      | 1       | 0         | 22.70                    | 22.88                       | 22.70                     | 23.70                  |
| 15              | 64QAM      | 1       | 37        | 22.73                    | 22.81                       | 22.75                     | 23.70                  |
| 15              | 64QAM      | 1       | 74        | 22.79                    | 22.87                       | 22.88                     | 23.70                  |
| 15              | 64QAM      | 36      | 0         | 21.42                    | 21.56                       | 21.55                     | 22.70                  |
| 15              | 64QAM      | 36      | 20        | 21.48                    | 21.72                       | 21.44                     | 22.70                  |
| 15              | 64QAM      | 36      | 39        | 21.46                    | 21.61                       | 21.54                     | 22.70                  |
| 15              | 64QAM      | 75      | 0         | 21.49                    | 21.66                       | 21.54                     | 22.70                  |
| 15              | 256QAM     | 1       | 0         | 19.73                    | 19.83                       | 19.72                     | 20.70                  |
| 15              | 256QAM     | 1       | 37        | 19.52                    | 19.69                       | 19.64                     | 20.70                  |
| 15              | 256QAM     | 1       | 74        | 19.52                    | 19.79                       | 19.61                     | 20.70                  |
| 15              | 256QAM     | 36      | 0         | 19.58                    | 19.63                       | 19.41                     | 20.70                  |
| 15              | 256QAM     | 36      | 20        | 19.37                    | 19.67                       | 19.49                     | 20.70                  |
| 15              | 256QAM     | 36      | 39        | 19.49                    | 19.65                       | 19.41                     | 20.70                  |
| 15              | 256QAM     | 75      | 0         | 19.50                    | 19.59                       | 19.46                     | 20.70                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 24.47                    | 24.59                       | 24.54                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.44                    | 24.58                       | 24.27                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.37                    | 24.52                       | 24.44                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 23.52                    | 23.73                       | 23.52                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.40                    | 23.63                       | 23.42                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.40                    | 23.63                       | 23.49                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.59                    | 23.62                       | 23.55                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 23.78                    | 23.94                       | 23.73                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.59                    | 23.91                       | 23.68                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 23.79                    | 23.96                       | 23.70                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.52                    | 22.69                       | 22.36                     | 23.70                  |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 22.48  | 22.59  | 22.51  | 23.70                  |
| 10              | 16QAM  | 25 | 25 | 22.46  | 22.62  | 22.50  | 23.70                  |
| 10              | 16QAM  | 50 | 0  | 22.49  | 22.64  | 22.44  | 23.70                  |
| 10              | 64QAM  | 1  | 0  | 22.79  | 22.82  | 22.66  | 23.70                  |
| 10              | 64QAM  | 1  | 25 | 22.66  | 22.79  | 22.77  | 23.70                  |
| 10              | 64QAM  | 1  | 49 | 22.76  | 22.86  | 22.83  | 23.70                  |
| 10              | 64QAM  | 25 | 0  | 21.45  | 21.67  | 21.48  | 22.70                  |
| 10              | 64QAM  | 25 | 12 | 21.54  | 21.65  | 21.45  | 22.70                  |
| 10              | 64QAM  | 25 | 25 | 21.40  | 21.59  | 21.48  | 22.70                  |
| 10              | 64QAM  | 50 | 0  | 21.53  | 21.58  | 21.51  | 22.70                  |
| 10              | 256QAM | 1  | 0  | 19.73  | 19.76  | 19.62  | 20.70                  |
| 10              | 256QAM | 1  | 25 | 19.55  | 19.75  | 19.68  | 20.70                  |
| 10              | 256QAM | 1  | 49 | 19.56  | 19.78  | 19.67  | 20.70                  |
| 10              | 256QAM | 25 | 0  | 19.51  | 19.59  | 19.43  | 20.70                  |
| 10              | 256QAM | 25 | 12 | 19.38  | 19.68  | 19.45  | 20.70                  |
| 10              | 256QAM | 25 | 25 | 19.56  | 19.63  | 19.50  | 20.70                  |
| 10              | 256QAM | 50 | 0  | 19.43  | 19.65  | 19.42  | 20.70                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 24.47  | 24.62  | 24.54  | 25.70                  |
| 5               | QPSK   | 1  | 12 | 24.49  | 24.52  | 24.36  | 25.70                  |
| 5               | QPSK   | 1  | 24 | 24.27  | 24.49  | 24.42  | 25.70                  |
| 5               | QPSK   | 12 | 0  | 23.42  | 23.68  | 23.52  | 24.70                  |
| 5               | QPSK   | 12 | 7  | 23.41  | 23.61  | 23.44  | 24.70                  |
| 5               | QPSK   | 12 | 13 | 23.38  | 23.58  | 23.50  | 24.70                  |
| 5               | QPSK   | 25 | 0  | 23.47  | 23.73  | 23.53  | 24.70                  |
| 5               | 16QAM  | 1  | 0  | 23.71  | 23.93  | 23.79  | 24.70                  |
| 5               | 16QAM  | 1  | 12 | 23.68  | 23.90  | 23.59  | 24.70                  |
| 5               | 16QAM  | 1  | 24 | 23.84  | 23.86  | 23.72  | 24.70                  |
| 5               | 16QAM  | 12 | 0  | 22.59  | 22.58  | 22.45  | 23.70                  |
| 5               | 16QAM  | 12 | 7  | 22.39  | 22.63  | 22.44  | 23.70                  |
| 5               | 16QAM  | 12 | 13 | 22.44  | 22.61  | 22.47  | 23.70                  |
| 5               | 16QAM  | 25 | 0  | 22.40  | 22.67  | 22.44  | 23.70                  |
| 5               | 64QAM  | 1  | 0  | 22.73  | 22.90  | 22.66  | 23.70                  |
| 5               | 64QAM  | 1  | 12 | 22.62  | 22.82  | 22.73  | 23.70                  |
| 5               | 64QAM  | 1  | 24 | 22.69  | 22.95  | 22.85  | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.38  | 21.57  | 21.49  | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 21.61  | 21.72  | 21.41  | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.35  | 21.61  | 21.46  | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 21.63  | 21.67  | 21.63  | 22.70                  |
| 5               | 256QAM | 1  | 0  | 19.69  | 19.87  | 19.73  | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.64  | 19.72  | 19.60  | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.47  | 19.77  | 19.56  | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.52  | 19.69  | 19.40  | 20.70                  |
| 5               | 256QAM | 12 | 7  | 19.43  | 19.62  | 19.38  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.57  | 19.62  | 19.48  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.56  | 19.62  | 19.40  | 20.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.50  | 24.58  | 24.52  | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.41  | 24.59  | 24.29  | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.40  | 24.55  | 24.41  | 25.70                  |
| 3               | QPSK   | 8  | 0  | 23.51  | 23.74  | 23.60  | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.46  | 23.63  | 23.42  | 24.70                  |
| 3               | QPSK   | 8  | 7  | 23.38  | 23.67  | 23.46  | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.49  | 23.69  | 23.48  | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.81  | 23.92  | 23.80  | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.65  | 23.84  | 23.65  | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.83  | 23.91  | 23.66  | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.58  | 22.68  | 22.49  | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.48  | 22.66  | 22.51  | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.46  | 22.61  | 22.56  | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.43  | 22.66  | 22.43  | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.71  | 22.92  | 22.70  | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.70  | 22.80  | 22.76  | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.79  | 22.94  | 22.88  | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.38  | 21.68  | 21.46  | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.52  | 21.70  | 21.52  | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.42  | 21.64  | 21.54  | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.53  | 21.68  | 21.63  | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.67  | 19.88  | 19.72  | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.53  | 19.66  | 19.62  | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.59  | 19.80  | 19.65  | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.48  | 19.55  | 19.44  | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.47  | 19.68  | 19.46  | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.57  | 19.62  | 19.38  | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.44  | 19.66  | 19.42  | 20.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 24.56  | 24.62  | 24.56  | 25.70 |
| 1.4             | QPSK   | 1 | 3 | 24.44  | 24.52  | 24.36  | 25.70 |
| 1.4             | QPSK   | 1 | 5 | 24.35  | 24.54  | 24.35  | 25.70 |
| 1.4             | QPSK   | 3 | 0 | 24.43  | 24.71  | 24.51  | 25.70 |
| 1.4             | QPSK   | 3 | 1 | 24.51  | 24.60  | 24.39  | 25.70 |
| 1.4             | QPSK   | 3 | 3 | 24.46  | 24.65  | 24.48  | 25.70 |
| 1.4             | QPSK   | 6 | 0 | 23.46  | 23.68  | 23.51  | 24.70 |
| 1.4             | 16QAM  | 1 | 0 | 23.81  | 23.95  | 23.70  | 24.70 |
| 1.4             | 16QAM  | 1 | 3 | 23.57  | 23.87  | 23.65  | 24.70 |
| 1.4             | 16QAM  | 1 | 5 | 23.77  | 23.85  | 23.72  | 24.70 |
| 1.4             | 16QAM  | 3 | 0 | 23.60  | 23.68  | 23.47  | 24.70 |
| 1.4             | 16QAM  | 3 | 1 | 23.41  | 23.67  | 23.40  | 24.70 |
| 1.4             | 16QAM  | 3 | 3 | 23.42  | 23.65  | 23.56  | 24.70 |
| 1.4             | 16QAM  | 6 | 0 | 22.52  | 22.67  | 22.48  | 23.70 |
| 1.4             | 64QAM  | 1 | 0 | 22.70  | 22.85  | 22.66  | 23.70 |
| 1.4             | 64QAM  | 1 | 3 | 22.66  | 22.75  | 22.68  | 23.70 |
| 1.4             | 64QAM  | 1 | 5 | 22.80  | 22.83  | 22.81  | 23.70 |
| 1.4             | 64QAM  | 3 | 0 | 22.46  | 22.67  | 22.55  | 23.70 |
| 1.4             | 64QAM  | 3 | 1 | 22.57  | 22.59  | 22.42  | 23.70 |
| 1.4             | 64QAM  | 3 | 3 | 22.44  | 22.61  | 22.60  | 23.70 |
| 1.4             | 64QAM  | 6 | 0 | 21.49  | 21.64  | 21.56  | 22.70 |
| 1.4             | 256QAM | 1 | 0 | 19.64  | 19.87  | 19.70  | 20.70 |
| 1.4             | 256QAM | 1 | 3 | 19.57  | 19.70  | 19.66  | 20.70 |
| 1.4             | 256QAM | 1 | 5 | 19.52  | 19.72  | 19.62  | 20.70 |
| 1.4             | 256QAM | 3 | 0 | 19.46  | 19.62  | 19.44  | 20.70 |
| 1.4             | 256QAM | 3 | 1 | 19.40  | 19.56  | 19.42  | 20.70 |
| 1.4             | 256QAM | 3 | 3 | 19.53  | 19.58  | 19.41  | 20.70 |
| 1.4             | 256QAM | 6 | 0 | 19.51  | 19.61  | 19.48  | 20.70 |

**【LTE Band 4\_Ant 4\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 24.98                    | 25.01                       | 24.95                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.68                    | 24.81                       | 24.73                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.65                    | 24.73                       | 24.63                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.75                    | 23.81                       | 23.74                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.73                    | 23.80                       | 23.71                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.57                    | 23.69                       | 23.50                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 23.65                    | 23.72                       | 23.54                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 23.59                    | 23.77                       | 23.59                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.64                    | 23.78                       | 23.59                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.74                    | 23.82                       | 23.74                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.62                    | 22.73                       | 22.65                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.59                    | 22.76                       | 22.58                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.69                    | 22.75                       | 22.64                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 22.67                    | 22.79                       | 22.71                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 22.62                    | 22.77                       | 22.59                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.63                    | 22.72                       | 22.53                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.62                    | 22.74                       | 22.60                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.67                    | 21.75                       | 21.66                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.70                    | 21.81                       | 21.70                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.64                    | 21.73                       | 21.61                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 21.77                    | 21.86                       | 21.76                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 19.55                    | 19.66                       | 19.51                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.55                    | 19.59                       | 19.42                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.45                    | 19.62                       | 19.49                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.62                    | 19.70                       | 19.51                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.74                    | 19.79                       | 19.65                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.54                    | 19.69                       | 19.59                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.59                    | 19.71                       | 19.62                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.86                    | 24.93                       | 24.91                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.66                    | 24.71                       | 24.70                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.58                    | 24.64                       | 24.53                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.59                    | 23.73                       | 23.67                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.65                    | 23.72                       | 23.64                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.43                    | 23.59                       | 23.44                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.55                    | 23.65                       | 23.48                     | 24.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 23.53  | 23.71  | 23.50  | 24.70         |
| 15              | 16QAM  | 1  | 37 | 23.57  | 23.65  | 23.50  | 24.70         |
| 15              | 16QAM  | 1  | 74 | 23.65  | 23.76  | 23.61  | 24.70         |
| 15              | 16QAM  | 36 | 0  | 22.56  | 22.66  | 22.52  | 23.70         |
| 15              | 16QAM  | 36 | 20 | 22.45  | 22.62  | 22.45  | 23.70         |
| 15              | 16QAM  | 36 | 39 | 22.59  | 22.61  | 22.51  | 23.70         |
| 15              | 16QAM  | 75 | 0  | 22.55  | 22.67  | 22.58  | 23.70         |
| 15              | 64QAM  | 1  | 0  | 22.53  | 22.68  | 22.52  | 23.70         |
| 15              | 64QAM  | 1  | 37 | 22.56  | 22.66  | 22.48  | 23.70         |
| 15              | 64QAM  | 1  | 74 | 22.49  | 22.70  | 22.58  | 23.70         |
| 15              | 64QAM  | 36 | 0  | 21.62  | 21.73  | 21.55  | 22.70         |
| 15              | 64QAM  | 36 | 20 | 21.60  | 21.75  | 21.57  | 22.70         |
| 15              | 64QAM  | 36 | 39 | 21.61  | 21.65  | 21.56  | 22.70         |
| 15              | 64QAM  | 75 | 0  | 21.72  | 21.81  | 21.74  | 22.70         |
| 15              | 256QAM | 1  | 0  | 19.49  | 19.62  | 19.47  | 20.70         |
| 15              | 256QAM | 1  | 37 | 19.43  | 19.55  | 19.38  | 20.70         |
| 15              | 256QAM | 1  | 74 | 19.31  | 19.59  | 19.46  | 20.70         |
| 15              | 256QAM | 36 | 0  | 19.52  | 19.65  | 19.50  | 20.70         |
| 15              | 256QAM | 36 | 20 | 19.69  | 19.75  | 19.54  | 20.70         |
| 15              | 256QAM | 36 | 39 | 19.43  | 19.57  | 19.58  | 20.70         |
| 15              | 256QAM | 75 | 0  | 19.50  | 19.65  | 19.52  | 20.70         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 24.96  | 24.95  | 24.80  | 25.70         |
| 10              | QPSK   | 1  | 25 | 24.63  | 24.77  | 24.66  | 25.70         |
| 10              | QPSK   | 1  | 49 | 24.52  | 24.71  | 24.57  | 25.70         |
| 10              | QPSK   | 25 | 0  | 23.66  | 23.80  | 23.55  | 24.70         |
| 10              | QPSK   | 25 | 12 | 23.65  | 23.67  | 23.67  | 24.70         |
| 10              | QPSK   | 25 | 25 | 23.54  | 23.56  | 23.45  | 24.70         |
| 10              | QPSK   | 50 | 0  | 23.58  | 23.60  | 23.51  | 24.70         |
| 10              | 16QAM  | 1  | 0  | 23.49  | 23.74  | 23.47  | 24.70         |
| 10              | 16QAM  | 1  | 25 | 23.50  | 23.71  | 23.44  | 24.70         |
| 10              | 16QAM  | 1  | 49 | 23.67  | 23.78  | 23.63  | 24.70         |
| 10              | 16QAM  | 25 | 0  | 22.49  | 22.65  | 22.53  | 23.70         |
| 10              | 16QAM  | 25 | 12 | 22.44  | 22.72  | 22.55  | 23.70         |
| 10              | 16QAM  | 25 | 25 | 22.62  | 22.69  | 22.53  | 23.70         |
| 10              | 16QAM  | 50 | 0  | 22.54  | 22.74  | 22.60  | 23.70         |
| 10              | 64QAM  | 1  | 0  | 22.52  | 22.64  | 22.45  | 23.70         |
| 10              | 64QAM  | 1  | 25 | 22.55  | 22.62  | 22.49  | 23.70         |
| 10              | 64QAM  | 1  | 49 | 22.47  | 22.64  | 22.48  | 23.70         |
| 10              | 64QAM  | 25 | 0  | 21.61  | 21.70  | 21.56  | 22.70         |
| 10              | 64QAM  | 25 | 12 | 21.67  | 21.79  | 21.56  | 22.70         |
| 10              | 64QAM  | 25 | 25 | 21.50  | 21.64  | 21.49  | 22.70         |
| 10              | 64QAM  | 50 | 0  | 21.70  | 21.76  | 21.71  | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.53  | 19.57  | 19.42  | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.41  | 19.50  | 19.33  | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.37  | 19.53  | 19.36  | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.55  | 19.55  | 19.44  | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.71  | 19.75  | 19.55  | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.50  | 19.58  | 19.47  | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.47  | 19.65  | 19.59  | 20.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.87  | 24.98  | 24.85  | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.56  | 24.78  | 24.60  | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.50  | 24.61  | 24.51  | 25.70         |
| 5               | QPSK   | 12 | 0  | 23.61  | 23.75  | 23.65  | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.61  | 23.68  | 23.63  | 24.70         |
| 5               | QPSK   | 12 | 13 | 23.52  | 23.58  | 23.41  | 24.70         |
| 5               | QPSK   | 25 | 0  | 23.58  | 23.68  | 23.48  | 24.70         |
| 5               | 16QAM  | 1  | 0  | 23.52  | 23.64  | 23.47  | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.50  | 23.65  | 23.54  | 24.70         |
| 5               | 16QAM  | 1  | 24 | 23.61  | 23.68  | 23.71  | 24.70         |
| 5               | 16QAM  | 12 | 0  | 22.58  | 22.59  | 22.54  | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.49  | 22.64  | 22.49  | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.65  | 22.61  | 22.53  | 23.70         |
| 5               | 16QAM  | 25 | 0  | 22.58  | 22.68  | 22.58  | 23.70         |
| 5               | 64QAM  | 1  | 0  | 22.53  | 22.72  | 22.50  | 23.70         |
| 5               | 64QAM  | 1  | 12 | 22.57  | 22.67  | 22.42  | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.61  | 22.61  | 22.46  | 23.70         |
| 5               | 64QAM  | 12 | 0  | 21.61  | 21.68  | 21.54  | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.66  | 21.79  | 21.66  | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.60  | 21.59  | 21.50  | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.73  | 21.82  | 21.62  | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.41  | 19.62  | 19.49  | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.41  | 19.51  | 19.35  | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.44  | 19.55  | 19.42  | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.61  | 19.61  | 19.50  | 20.70         |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 19.72  | 19.65  | 19.51  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.43  | 19.62  | 19.53  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.53  | 19.63  | 19.59  | 20.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.85  | 24.98  | 24.90  | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.53  | 24.75  | 24.67  | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.51  | 24.72  | 24.61  | 25.70                  |
| 3               | QPSK   | 8  | 0  | 23.56  | 23.66  | 23.61  | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.68  | 23.67  | 23.60  | 24.70                  |
| 3               | QPSK   | 8  | 7  | 23.49  | 23.63  | 23.36  | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.56  | 23.58  | 23.45  | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.49  | 23.66  | 23.56  | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.58  | 23.75  | 23.49  | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.65  | 23.77  | 23.62  | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.50  | 22.71  | 22.51  | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.47  | 22.65  | 22.51  | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.66  | 22.73  | 22.57  | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.64  | 22.73  | 22.69  | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.49  | 22.62  | 22.48  | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.55  | 22.60  | 22.39  | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.50  | 22.59  | 22.56  | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.61  | 21.73  | 21.57  | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.55  | 21.79  | 21.61  | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.62  | 21.60  | 21.48  | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.70  | 21.71  | 21.69  | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.42  | 19.53  | 19.49  | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.48  | 19.50  | 19.32  | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.40  | 19.52  | 19.38  | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.61  | 19.69  | 19.37  | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.65  | 19.69  | 19.53  | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.42  | 19.57  | 19.48  | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.45  | 19.58  | 19.60  | 20.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.84  | 24.88  | 24.81  | 25.70                  |
| 1.4             | QPSK   | 1  | 3  | 24.54  | 24.67  | 24.65  | 25.70                  |
| 1.4             | QPSK   | 1  | 5  | 24.63  | 24.63  | 24.51  | 25.70                  |
| 1.4             | QPSK   | 3  | 0  | 24.63  | 24.67  | 24.62  | 25.70                  |
| 1.4             | QPSK   | 3  | 1  | 24.58  | 24.66  | 24.63  | 25.70                  |
| 1.4             | QPSK   | 3  | 3  | 24.49  | 24.55  | 24.44  | 25.70                  |
| 1.4             | QPSK   | 6  | 0  | 23.60  | 23.67  | 23.49  | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.50  | 23.64  | 23.50  | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.53  | 23.67  | 23.51  | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 23.65  | 23.74  | 23.70  | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.51  | 23.68  | 23.56  | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.46  | 23.63  | 23.55  | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.63  | 23.60  | 23.58  | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.59  | 22.78  | 22.67  | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.50  | 22.72  | 22.51  | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 22.49  | 22.62  | 22.40  | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.57  | 22.70  | 22.50  | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.60  | 22.70  | 22.57  | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.56  | 22.68  | 22.57  | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.55  | 22.71  | 22.55  | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.73  | 21.84  | 21.74  | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.43  | 19.59  | 19.47  | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.41  | 19.55  | 19.30  | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.31  | 19.48  | 19.35  | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.51  | 19.55  | 19.49  | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.69  | 19.67  | 19.56  | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.39  | 19.67  | 19.56  | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.51  | 19.64  | 19.53  | 20.70                  |



## 【LTE Band 4\_Ant 4\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.73                    | 22.78                       | 22.72                     | 24.50                  |
| 20              | QPSK       | 1       | 49        | 22.54                    | 22.66                       | 22.54                     | 24.50                  |
| 20              | QPSK       | 1       | 99        | 22.56                    | 22.75                       | 22.55                     | 24.50                  |
| 20              | QPSK       | 50      | 0         | 21.64                    | 21.67                       | 21.63                     | 23.50                  |
| 20              | QPSK       | 50      | 24        | 21.61                    | 21.64                       | 21.62                     | 23.50                  |
| 20              | QPSK       | 50      | 50        | 21.62                    | 21.64                       | 21.62                     | 23.50                  |
| 20              | QPSK       | 100     | 0         | 21.64                    | 21.66                       | 21.65                     | 23.50                  |
| 20              | 16QAM      | 1       | 0         | 21.77                    | 21.83                       | 21.73                     | 23.50                  |
| 20              | 16QAM      | 1       | 49        | 21.57                    | 21.73                       | 21.56                     | 23.50                  |
| 20              | 16QAM      | 1       | 99        | 21.73                    | 21.83                       | 21.69                     | 23.50                  |
| 20              | 16QAM      | 50      | 0         | 20.58                    | 20.68                       | 20.50                     | 22.50                  |
| 20              | 16QAM      | 50      | 24        | 20.47                    | 20.66                       | 20.55                     | 22.50                  |
| 20              | 16QAM      | 50      | 50        | 20.51                    | 20.60                       | 20.42                     | 22.50                  |
| 20              | 16QAM      | 100     | 0         | 20.49                    | 20.68                       | 20.57                     | 22.50                  |
| 20              | 64QAM      | 1       | 0         | 20.50                    | 20.58                       | 20.52                     | 22.50                  |
| 20              | 64QAM      | 1       | 49        | 20.39                    | 20.47                       | 20.34                     | 22.50                  |
| 20              | 64QAM      | 1       | 99        | 20.50                    | 20.62                       | 20.54                     | 22.50                  |
| 20              | 64QAM      | 50      | 0         | 19.51                    | 19.66                       | 19.55                     | 21.50                  |
| 20              | 64QAM      | 50      | 24        | 19.56                    | 19.65                       | 19.57                     | 21.50                  |
| 20              | 64QAM      | 50      | 50        | 19.46                    | 19.58                       | 19.47                     | 21.50                  |
| 20              | 64QAM      | 100     | 0         | 19.48                    | 19.67                       | 19.60                     | 21.50                  |
| 20              | 256QAM     | 1       | 0         | 17.59                    | 17.64                       | 17.55                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.44                    | 17.60                       | 17.54                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.57                    | 17.62                       | 17.55                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.55                    | 17.68                       | 17.53                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.50                    | 17.67                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.41                    | 17.59                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.49                    | 17.66                       | 17.57                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.62                    | 22.63                       | 22.70                     | 24.50                  |
| 15              | QPSK       | 1       | 37        | 22.41                    | 22.64                       | 22.50                     | 24.50                  |
| 15              | QPSK       | 1       | 74        | 22.45                    | 22.72                       | 22.52                     | 24.50                  |
| 15              | QPSK       | 36      | 0         | 21.48                    | 21.61                       | 21.46                     | 23.50                  |
| 15              | QPSK       | 36      | 20        | 21.46                    | 21.58                       | 21.30                     | 23.50                  |
| 15              | QPSK       | 36      | 39        | 21.49                    | 21.63                       | 21.39                     | 23.50                  |
| 15              | QPSK       | 75      | 0         | 21.43                    | 21.63                       | 21.56                     | 23.50                  |
| 15              | 16QAM      | 1       | 0         | 21.74                    | 21.78                       | 21.62                     | 23.50                  |
| 15              | 16QAM      | 1       | 37        | 21.52                    | 21.69                       | 21.50                     | 23.50                  |
| 15              | 16QAM      | 1       | 74        | 21.68                    | 21.71                       | 21.55                     | 23.50                  |
| 15              | 16QAM      | 36      | 0         | 20.49                    | 20.54                       | 20.45                     | 22.50                  |
| 15              | 16QAM      | 36      | 20        | 20.44                    | 20.54                       | 20.45                     | 22.50                  |
| 15              | 16QAM      | 36      | 39        | 20.41                    | 20.53                       | 20.33                     | 22.50                  |
| 15              | 16QAM      | 75      | 0         | 20.47                    | 20.65                       | 20.54                     | 22.50                  |
| 15              | 64QAM      | 1       | 0         | 20.48                    | 20.43                       | 20.43                     | 22.50                  |
| 15              | 64QAM      | 1       | 37        | 20.37                    | 20.43                       | 20.19                     | 22.50                  |
| 15              | 64QAM      | 1       | 74        | 20.43                    | 20.58                       | 20.48                     | 22.50                  |
| 15              | 64QAM      | 36      | 0         | 19.46                    | 19.57                       | 19.49                     | 21.50                  |
| 15              | 64QAM      | 36      | 20        | 19.50                    | 19.55                       | 19.43                     | 21.50                  |
| 15              | 64QAM      | 36      | 39        | 19.39                    | 19.52                       | 19.42                     | 21.50                  |
| 15              | 64QAM      | 75      | 0         | 19.46                    | 19.57                       | 19.57                     | 21.50                  |
| 15              | 256QAM     | 1       | 0         | 17.52                    | 17.54                       | 17.47                     | 19.50                  |
| 15              | 256QAM     | 1       | 37        | 17.42                    | 17.57                       | 17.41                     | 19.50                  |
| 15              | 256QAM     | 1       | 74        | 17.49                    | 17.51                       | 17.44                     | 19.50                  |
| 15              | 256QAM     | 36      | 0         | 17.45                    | 17.59                       | 17.43                     | 19.50                  |
| 15              | 256QAM     | 36      | 20        | 17.40                    | 17.62                       | 17.53                     | 19.50                  |
| 15              | 256QAM     | 36      | 39        | 17.30                    | 17.53                       | 17.40                     | 19.50                  |
| 15              | 256QAM     | 75      | 0         | 17.34                    | 17.60                       | 17.48                     | 19.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 22.61                    | 22.69                       | 22.59                     | 24.50                  |
| 10              | QPSK       | 1       | 25        | 22.50                    | 22.61                       | 22.39                     | 24.50                  |
| 10              | QPSK       | 1       | 49        | 22.49                    | 22.66                       | 22.42                     | 24.50                  |
| 10              | QPSK       | 25      | 0         | 21.50                    | 21.61                       | 21.51                     | 23.50                  |
| 10              | QPSK       | 25      | 12        | 21.48                    | 21.58                       | 21.33                     | 23.50                  |
| 10              | QPSK       | 25      | 25        | 21.43                    | 21.59                       | 21.31                     | 23.50                  |
| 10              | QPSK       | 50      | 0         | 21.51                    | 21.62                       | 21.45                     | 23.50                  |
| 10              | 16QAM      | 1       | 0         | 21.72                    | 21.80                       | 21.59                     | 23.50                  |
| 10              | 16QAM      | 1       | 25        | 21.49                    | 21.58                       | 21.48                     | 23.50                  |
| 10              | 16QAM      | 1       | 49        | 21.70                    | 21.78                       | 21.64                     | 23.50                  |
| 10              | 16QAM      | 25      | 0         | 20.53                    | 20.57                       | 20.43                     | 22.50                  |



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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 20.38  | 20.57  | 20.42  | 22.50                  |
| 10              | 16QAM  | 25 | 25 | 20.38  | 20.52  | 20.33  | 22.50                  |
| 10              | 16QAM  | 50 | 0  | 20.47  | 20.62  | 20.44  | 22.50                  |
| 10              | 64QAM  | 1  | 0  | 20.48  | 20.49  | 20.44  | 22.50                  |
| 10              | 64QAM  | 1  | 25 | 20.35  | 20.35  | 20.22  | 22.50                  |
| 10              | 64QAM  | 1  | 49 | 20.41  | 20.51  | 20.39  | 22.50                  |
| 10              | 64QAM  | 25 | 0  | 19.50  | 19.57  | 19.45  | 21.50                  |
| 10              | 64QAM  | 25 | 12 | 19.47  | 19.62  | 19.56  | 21.50                  |
| 10              | 64QAM  | 25 | 25 | 19.38  | 19.48  | 19.37  | 21.50                  |
| 10              | 64QAM  | 50 | 0  | 19.37  | 19.62  | 19.47  | 21.50                  |
| 10              | 256QAM | 1  | 0  | 17.53  | 17.51  | 17.49  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 17.32  | 17.52  | 17.44  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 17.56  | 17.53  | 17.45  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 17.43  | 17.64  | 17.47  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 17.36  | 17.63  | 17.50  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 17.29  | 17.53  | 17.50  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 17.48  | 17.63  | 17.55  | 19.50                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.71  | 22.73  | 22.60  | 24.50                  |
| 5               | QPSK   | 1  | 12 | 22.52  | 22.62  | 22.53  | 24.50                  |
| 5               | QPSK   | 1  | 24 | 22.43  | 22.61  | 22.48  | 24.50                  |
| 5               | QPSK   | 12 | 0  | 21.42  | 21.55  | 21.45  | 23.50                  |
| 5               | QPSK   | 12 | 7  | 21.39  | 21.61  | 21.42  | 23.50                  |
| 5               | QPSK   | 12 | 13 | 21.50  | 21.57  | 21.34  | 23.50                  |
| 5               | QPSK   | 25 | 0  | 21.43  | 21.63  | 21.56  | 23.50                  |
| 5               | 16QAM  | 1  | 0  | 21.75  | 21.80  | 21.65  | 23.50                  |
| 5               | 16QAM  | 1  | 12 | 21.55  | 21.71  | 21.53  | 23.50                  |
| 5               | 16QAM  | 1  | 24 | 21.65  | 21.73  | 21.62  | 23.50                  |
| 5               | 16QAM  | 12 | 0  | 20.54  | 20.61  | 20.47  | 22.50                  |
| 5               | 16QAM  | 12 | 7  | 20.39  | 20.51  | 20.47  | 22.50                  |
| 5               | 16QAM  | 12 | 13 | 20.43  | 20.47  | 20.34  | 22.50                  |
| 5               | 16QAM  | 25 | 0  | 20.46  | 20.65  | 20.51  | 22.50                  |
| 5               | 64QAM  | 1  | 0  | 20.39  | 20.51  | 20.41  | 22.50                  |
| 5               | 64QAM  | 1  | 12 | 20.31  | 20.42  | 20.32  | 22.50                  |
| 5               | 64QAM  | 1  | 24 | 20.43  | 20.58  | 20.51  | 22.50                  |
| 5               | 64QAM  | 12 | 0  | 19.37  | 19.51  | 19.49  | 21.50                  |
| 5               | 64QAM  | 12 | 7  | 19.55  | 19.58  | 19.51  | 21.50                  |
| 5               | 64QAM  | 12 | 13 | 19.42  | 19.49  | 19.44  | 21.50                  |
| 5               | 64QAM  | 25 | 0  | 19.43  | 19.56  | 19.56  | 21.50                  |
| 5               | 256QAM | 1  | 0  | 17.55  | 17.59  | 17.45  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 17.29  | 17.53  | 17.49  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 17.46  | 17.51  | 17.40  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 17.50  | 17.59  | 17.43  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 17.36  | 17.58  | 17.52  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.30  | 17.48  | 17.44  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.39  | 17.59  | 17.46  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.67  | 22.71  | 22.68  | 24.50                  |
| 3               | QPSK   | 1  | 8  | 22.44  | 22.65  | 22.52  | 24.50                  |
| 3               | QPSK   | 1  | 14 | 22.54  | 22.61  | 22.49  | 24.50                  |
| 3               | QPSK   | 8  | 0  | 21.46  | 21.60  | 21.52  | 23.50                  |
| 3               | QPSK   | 8  | 4  | 21.42  | 21.55  | 21.35  | 23.50                  |
| 3               | QPSK   | 8  | 7  | 21.41  | 21.54  | 21.31  | 23.50                  |
| 3               | QPSK   | 15 | 0  | 21.40  | 21.61  | 21.45  | 23.50                  |
| 3               | 16QAM  | 1  | 0  | 21.71  | 21.81  | 21.67  | 23.50                  |
| 3               | 16QAM  | 1  | 8  | 21.55  | 21.62  | 21.53  | 23.50                  |
| 3               | 16QAM  | 1  | 14 | 21.59  | 21.82  | 21.63  | 23.50                  |
| 3               | 16QAM  | 8  | 0  | 20.50  | 20.64  | 20.47  | 22.50                  |
| 3               | 16QAM  | 8  | 4  | 20.36  | 20.55  | 20.45  | 22.50                  |
| 3               | 16QAM  | 8  | 7  | 20.50  | 20.50  | 20.36  | 22.50                  |
| 3               | 16QAM  | 15 | 0  | 20.37  | 20.57  | 20.53  | 22.50                  |
| 3               | 64QAM  | 1  | 0  | 20.41  | 20.53  | 20.43  | 22.50                  |
| 3               | 64QAM  | 1  | 8  | 20.28  | 20.38  | 20.29  | 22.50                  |
| 3               | 64QAM  | 1  | 14 | 20.47  | 20.48  | 20.44  | 22.50                  |
| 3               | 64QAM  | 8  | 0  | 19.40  | 19.63  | 19.44  | 21.50                  |
| 3               | 64QAM  | 8  | 4  | 19.47  | 19.62  | 19.55  | 21.50                  |
| 3               | 64QAM  | 8  | 7  | 19.35  | 19.52  | 19.33  | 21.50                  |
| 3               | 64QAM  | 15 | 0  | 19.42  | 19.64  | 19.48  | 21.50                  |
| 3               | 256QAM | 1  | 0  | 17.53  | 17.60  | 17.42  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.38  | 17.58  | 17.53  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.52  | 17.54  | 17.53  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.53  | 17.65  | 17.46  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.41  | 17.56  | 17.47  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.29  | 17.49  | 17.47  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.45  | 17.63  | 17.55  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |

| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 22.61  | 22.66  | 22.66  | 24.50 |
| 1.4             | QPSK   | 1 | 3 | 22.41  | 22.62  | 22.47  | 24.50 |
| 1.4             | QPSK   | 1 | 5 | 22.54  | 22.62  | 22.46  | 24.50 |
| 1.4             | QPSK   | 3 | 0 | 22.48  | 22.56  | 22.48  | 24.50 |
| 1.4             | QPSK   | 3 | 1 | 22.36  | 22.55  | 22.44  | 24.50 |
| 1.4             | QPSK   | 3 | 3 | 22.47  | 22.55  | 22.38  | 24.50 |
| 1.4             | QPSK   | 6 | 0 | 21.42  | 21.62  | 21.54  | 23.50 |
| 1.4             | 16QAM  | 1 | 0 | 21.71  | 21.78  | 21.67  | 23.50 |
| 1.4             | 16QAM  | 1 | 3 | 21.47  | 21.65  | 21.54  | 23.50 |
| 1.4             | 16QAM  | 1 | 5 | 21.62  | 21.77  | 21.64  | 23.50 |
| 1.4             | 16QAM  | 3 | 0 | 21.56  | 21.60  | 21.40  | 23.50 |
| 1.4             | 16QAM  | 3 | 1 | 21.35  | 21.54  | 21.50  | 23.50 |
| 1.4             | 16QAM  | 3 | 3 | 21.39  | 21.51  | 21.32  | 23.50 |
| 1.4             | 16QAM  | 6 | 0 | 20.41  | 20.64  | 20.55  | 22.50 |
| 1.4             | 64QAM  | 1 | 0 | 20.39  | 20.48  | 20.38  | 22.50 |
| 1.4             | 64QAM  | 1 | 3 | 20.27  | 20.34  | 20.26  | 22.50 |
| 1.4             | 64QAM  | 1 | 5 | 20.46  | 20.50  | 20.40  | 22.50 |
| 1.4             | 64QAM  | 3 | 0 | 20.36  | 20.55  | 20.45  | 22.50 |
| 1.4             | 64QAM  | 3 | 1 | 20.47  | 20.50  | 20.53  | 22.50 |
| 1.4             | 64QAM  | 3 | 3 | 20.40  | 20.52  | 20.32  | 22.50 |
| 1.4             | 64QAM  | 6 | 0 | 19.33  | 19.61  | 19.56  | 21.50 |
| 1.4             | 256QAM | 1 | 0 | 17.56  | 17.58  | 17.41  | 19.50 |
| 1.4             | 256QAM | 1 | 3 | 17.40  | 17.52  | 17.45  | 19.50 |
| 1.4             | 256QAM | 1 | 5 | 17.51  | 17.54  | 17.49  | 19.50 |
| 1.4             | 256QAM | 3 | 0 | 17.45  | 17.61  | 17.49  | 19.50 |
| 1.4             | 256QAM | 3 | 1 | 17.39  | 17.64  | 17.48  | 19.50 |
| 1.4             | 256QAM | 3 | 3 | 17.29  | 17.46  | 17.48  | 19.50 |
| 1.4             | 256QAM | 6 | 0 | 17.39  | 17.59  | 17.55  | 19.50 |

**【LTE Band 4\_Ant 4\_ECI1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 24.58                    | 24.67                       | 24.60                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.51                    | 24.61                       | 24.41                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.42                    | 24.59                       | 24.46                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.57                    | 23.75                       | 23.63                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.54                    | 23.73                       | 23.53                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.50                    | 23.71                       | 23.60                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 23.60                    | 23.77                       | 23.60                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 23.85                    | 23.98                       | 23.83                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.69                    | 23.92                       | 23.73                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.89                    | 23.99                       | 23.81                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.62                    | 22.72                       | 22.51                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.53                    | 22.72                       | 22.54                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.53                    | 22.74                       | 22.60                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 22.54                    | 22.73                       | 22.54                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 22.82                    | 22.93                       | 22.74                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.76                    | 22.90                       | 22.81                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.81                    | 22.98                       | 22.90                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.52                    | 21.71                       | 21.58                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.63                    | 21.73                       | 21.55                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.49                    | 21.72                       | 21.61                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 21.64                    | 21.73                       | 21.66                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 19.75                    | 19.90                       | 19.76                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.67                    | 19.80                       | 19.72                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.60                    | 19.82                       | 19.70                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.61                    | 19.70                       | 19.54                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.50                    | 19.70                       | 19.50                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.62                    | 19.71                       | 19.52                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.57                    | 19.72                       | 19.54                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.49                    | 24.59                       | 24.50                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.46                    | 24.58                       | 24.28                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.40                    | 24.57                       | 24.36                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.43                    | 23.65                       | 23.59                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.49                    | 23.71                       | 23.41                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.40                    | 23.62                       | 23.53                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.55                    | 23.75                       | 23.49                     | 24.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 23.76  | 23.83  | 23.78  | 24.70         |
| 15              | 16QAM  | 1  | 37 | 23.66  | 23.78  | 23.62  | 24.70         |
| 15              | 16QAM  | 1  | 74 | 23.79  | 23.90  | 23.76  | 24.70         |
| 15              | 16QAM  | 36 | 0  | 22.56  | 22.70  | 22.43  | 23.70         |
| 15              | 16QAM  | 36 | 20 | 22.46  | 22.65  | 22.47  | 23.70         |
| 15              | 16QAM  | 36 | 39 | 22.39  | 22.63  | 22.53  | 23.70         |
| 15              | 16QAM  | 75 | 0  | 22.49  | 22.61  | 22.50  | 23.70         |
| 15              | 64QAM  | 1  | 0  | 22.70  | 22.88  | 22.70  | 23.70         |
| 15              | 64QAM  | 1  | 37 | 22.73  | 22.81  | 22.75  | 23.70         |
| 15              | 64QAM  | 1  | 74 | 22.79  | 22.87  | 22.88  | 23.70         |
| 15              | 64QAM  | 36 | 0  | 21.42  | 21.56  | 21.55  | 22.70         |
| 15              | 64QAM  | 36 | 20 | 21.48  | 21.72  | 21.44  | 22.70         |
| 15              | 64QAM  | 36 | 39 | 21.46  | 21.61  | 21.54  | 22.70         |
| 15              | 64QAM  | 75 | 0  | 21.49  | 21.66  | 21.54  | 22.70         |
| 15              | 256QAM | 1  | 0  | 19.73  | 19.83  | 19.72  | 20.70         |
| 15              | 256QAM | 1  | 37 | 19.52  | 19.69  | 19.64  | 20.70         |
| 15              | 256QAM | 1  | 74 | 19.52  | 19.79  | 19.61  | 20.70         |
| 15              | 256QAM | 36 | 0  | 19.58  | 19.63  | 19.41  | 20.70         |
| 15              | 256QAM | 36 | 20 | 19.37  | 19.67  | 19.49  | 20.70         |
| 15              | 256QAM | 36 | 39 | 19.49  | 19.65  | 19.41  | 20.70         |
| 15              | 256QAM | 75 | 0  | 19.50  | 19.59  | 19.46  | 20.70         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 24.47  | 24.59  | 24.54  | 25.70         |
| 10              | QPSK   | 1  | 25 | 24.44  | 24.58  | 24.27  | 25.70         |
| 10              | QPSK   | 1  | 49 | 24.37  | 24.52  | 24.44  | 25.70         |
| 10              | QPSK   | 25 | 0  | 23.52  | 23.73  | 23.52  | 24.70         |
| 10              | QPSK   | 25 | 12 | 23.40  | 23.63  | 23.42  | 24.70         |
| 10              | QPSK   | 25 | 25 | 23.40  | 23.63  | 23.49  | 24.70         |
| 10              | QPSK   | 50 | 0  | 23.59  | 23.62  | 23.55  | 24.70         |
| 10              | 16QAM  | 1  | 0  | 23.78  | 23.94  | 23.73  | 24.70         |
| 10              | 16QAM  | 1  | 25 | 23.59  | 23.91  | 23.68  | 24.70         |
| 10              | 16QAM  | 1  | 49 | 23.79  | 23.96  | 23.70  | 24.70         |
| 10              | 16QAM  | 25 | 0  | 22.52  | 22.69  | 22.36  | 23.70         |
| 10              | 16QAM  | 25 | 12 | 22.48  | 22.59  | 22.51  | 23.70         |
| 10              | 16QAM  | 25 | 25 | 22.46  | 22.62  | 22.50  | 23.70         |
| 10              | 16QAM  | 50 | 0  | 22.49  | 22.64  | 22.44  | 23.70         |
| 10              | 64QAM  | 1  | 0  | 22.79  | 22.82  | 22.66  | 23.70         |
| 10              | 64QAM  | 1  | 25 | 22.66  | 22.79  | 22.77  | 23.70         |
| 10              | 64QAM  | 1  | 49 | 22.76  | 22.86  | 22.83  | 23.70         |
| 10              | 64QAM  | 25 | 0  | 21.45  | 21.67  | 21.48  | 22.70         |
| 10              | 64QAM  | 25 | 12 | 21.54  | 21.65  | 21.45  | 22.70         |
| 10              | 64QAM  | 25 | 25 | 21.40  | 21.59  | 21.48  | 22.70         |
| 10              | 64QAM  | 50 | 0  | 21.53  | 21.58  | 21.51  | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.73  | 19.76  | 19.62  | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.55  | 19.75  | 19.68  | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.56  | 19.78  | 19.67  | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.51  | 19.59  | 19.43  | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.38  | 19.68  | 19.45  | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.56  | 19.63  | 19.50  | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.43  | 19.65  | 19.42  | 20.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.47  | 24.62  | 24.54  | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.49  | 24.52  | 24.36  | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.27  | 24.49  | 24.42  | 25.70         |
| 5               | QPSK   | 12 | 0  | 23.42  | 23.68  | 23.52  | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.41  | 23.61  | 23.44  | 24.70         |
| 5               | QPSK   | 12 | 13 | 23.38  | 23.58  | 23.50  | 24.70         |
| 5               | QPSK   | 25 | 0  | 23.47  | 23.73  | 23.53  | 24.70         |
| 5               | 16QAM  | 1  | 0  | 23.71  | 23.93  | 23.79  | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.68  | 23.90  | 23.59  | 24.70         |
| 5               | 16QAM  | 1  | 24 | 23.84  | 23.86  | 23.72  | 24.70         |
| 5               | 16QAM  | 12 | 0  | 22.59  | 22.58  | 22.45  | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.39  | 22.63  | 22.44  | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.44  | 22.61  | 22.47  | 23.70         |
| 5               | 16QAM  | 25 | 0  | 22.40  | 22.67  | 22.44  | 23.70         |
| 5               | 64QAM  | 1  | 0  | 22.73  | 22.90  | 22.66  | 23.70         |
| 5               | 64QAM  | 1  | 12 | 22.62  | 22.82  | 22.73  | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.69  | 22.95  | 22.85  | 23.70         |
| 5               | 64QAM  | 12 | 0  | 21.38  | 21.57  | 21.49  | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.61  | 21.72  | 21.41  | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.35  | 21.61  | 21.46  | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.63  | 21.67  | 21.63  | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.69  | 19.87  | 19.73  | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.64  | 19.72  | 19.60  | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.47  | 19.77  | 19.56  | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.52  | 19.69  | 19.40  | 20.70         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 19.43  | 19.62  | 19.38  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.57  | 19.62  | 19.48  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.56  | 19.62  | 19.40  | 20.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.50  | 24.58  | 24.52  | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.41  | 24.59  | 24.29  | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.40  | 24.55  | 24.41  | 25.70                  |
| 3               | QPSK   | 8  | 0  | 23.51  | 23.74  | 23.60  | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.46  | 23.63  | 23.42  | 24.70                  |
| 3               | QPSK   | 8  | 7  | 23.38  | 23.67  | 23.46  | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.49  | 23.69  | 23.48  | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.81  | 23.92  | 23.80  | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.65  | 23.84  | 23.65  | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.83  | 23.91  | 23.66  | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.58  | 22.68  | 22.49  | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.48  | 22.66  | 22.51  | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.46  | 22.61  | 22.56  | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.43  | 22.66  | 22.43  | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.71  | 22.92  | 22.70  | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.70  | 22.80  | 22.76  | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.79  | 22.94  | 22.88  | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.38  | 21.68  | 21.46  | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.52  | 21.70  | 21.52  | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.42  | 21.64  | 21.54  | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.53  | 21.68  | 21.63  | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.67  | 19.88  | 19.72  | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.53  | 19.66  | 19.62  | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.59  | 19.80  | 19.65  | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.48  | 19.55  | 19.44  | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.47  | 19.68  | 19.46  | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.57  | 19.62  | 19.38  | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.44  | 19.66  | 19.42  | 20.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.56  | 24.62  | 24.56  | 25.70                  |
| 1.4             | QPSK   | 1  | 3  | 24.44  | 24.52  | 24.36  | 25.70                  |
| 1.4             | QPSK   | 1  | 5  | 24.35  | 24.54  | 24.35  | 25.70                  |
| 1.4             | QPSK   | 3  | 0  | 24.43  | 24.71  | 24.51  | 25.70                  |
| 1.4             | QPSK   | 3  | 1  | 24.51  | 24.60  | 24.39  | 25.70                  |
| 1.4             | QPSK   | 3  | 3  | 24.46  | 24.65  | 24.48  | 25.70                  |
| 1.4             | QPSK   | 6  | 0  | 23.46  | 23.68  | 23.51  | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.81  | 23.95  | 23.70  | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.57  | 23.87  | 23.65  | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 23.77  | 23.85  | 23.72  | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.60  | 23.68  | 23.47  | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.41  | 23.67  | 23.40  | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.42  | 23.65  | 23.56  | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.52  | 22.67  | 22.48  | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.70  | 22.85  | 22.66  | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 22.66  | 22.75  | 22.68  | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.80  | 22.83  | 22.81  | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.46  | 22.67  | 22.55  | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.57  | 22.59  | 22.42  | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.44  | 22.61  | 22.60  | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.49  | 21.64  | 21.56  | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.64  | 19.87  | 19.70  | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.57  | 19.70  | 19.66  | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.52  | 19.72  | 19.62  | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.46  | 19.62  | 19.44  | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.40  | 19.56  | 19.42  | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.53  | 19.58  | 19.41  | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.51  | 19.61  | 19.48  | 20.70                  |

**【LTE Band 4\_Ant 4\_ECI1-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 24.98                    | 25.01                       | 24.95                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.68                    | 24.81                       | 24.73                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.65                    | 24.73                       | 24.63                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.75                    | 23.81                       | 23.74                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.73                    | 23.80                       | 23.71                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.57                    | 23.69                       | 23.50                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 23.65                    | 23.72                       | 23.54                     | 24.70                  |
| 20              | 16QAM      | 1       | 0         | 23.59                    | 23.77                       | 23.59                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.64                    | 23.78                       | 23.59                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.74                    | 23.82                       | 23.74                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.62                    | 22.73                       | 22.65                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.59                    | 22.76                       | 22.58                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.69                    | 22.75                       | 22.64                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 22.67                    | 22.79                       | 22.71                     | 23.70                  |
| 20              | 64QAM      | 1       | 0         | 22.62                    | 22.77                       | 22.59                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.63                    | 22.72                       | 22.53                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.62                    | 22.74                       | 22.60                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.67                    | 21.75                       | 21.66                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.70                    | 21.81                       | 21.70                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.64                    | 21.73                       | 21.61                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 21.77                    | 21.86                       | 21.76                     | 22.70                  |
| 20              | 256QAM     | 1       | 0         | 19.55                    | 19.66                       | 19.51                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.55                    | 19.59                       | 19.42                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.45                    | 19.62                       | 19.49                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.62                    | 19.70                       | 19.51                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.74                    | 19.79                       | 19.65                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.54                    | 19.69                       | 19.59                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 19.59                    | 19.71                       | 19.62                     | 20.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.86                    | 24.93                       | 24.91                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.66                    | 24.71                       | 24.70                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.58                    | 24.64                       | 24.53                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.59                    | 23.73                       | 23.67                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.65                    | 23.72                       | 23.64                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.43                    | 23.59                       | 23.44                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 23.55                    | 23.65                       | 23.48                     | 24.70                  |
| 15              | 16QAM      | 1       | 0         | 23.53                    | 23.71                       | 23.50                     | 24.70                  |
| 15              | 16QAM      | 1       | 37        | 23.57                    | 23.65                       | 23.50                     | 24.70                  |
| 15              | 16QAM      | 1       | 74        | 23.65                    | 23.76                       | 23.61                     | 24.70                  |
| 15              | 16QAM      | 36      | 0         | 22.56                    | 22.66                       | 22.52                     | 23.70                  |
| 15              | 16QAM      | 36      | 20        | 22.45                    | 22.62                       | 22.45                     | 23.70                  |
| 15              | 16QAM      | 36      | 39        | 22.59                    | 22.61                       | 22.51                     | 23.70                  |
| 15              | 16QAM      | 75      | 0         | 22.55                    | 22.67                       | 22.58                     | 23.70                  |
| 15              | 64QAM      | 1       | 0         | 22.53                    | 22.68                       | 22.52                     | 23.70                  |
| 15              | 64QAM      | 1       | 37        | 22.56                    | 22.66                       | 22.48                     | 23.70                  |
| 15              | 64QAM      | 1       | 74        | 22.49                    | 22.70                       | 22.58                     | 23.70                  |
| 15              | 64QAM      | 36      | 0         | 21.62                    | 21.73                       | 21.55                     | 22.70                  |
| 15              | 64QAM      | 36      | 20        | 21.60                    | 21.75                       | 21.57                     | 22.70                  |
| 15              | 64QAM      | 36      | 39        | 21.61                    | 21.65                       | 21.56                     | 22.70                  |
| 15              | 64QAM      | 75      | 0         | 21.72                    | 21.81                       | 21.74                     | 22.70                  |
| 15              | 256QAM     | 1       | 0         | 19.49                    | 19.62                       | 19.47                     | 20.70                  |
| 15              | 256QAM     | 1       | 37        | 19.43                    | 19.55                       | 19.38                     | 20.70                  |
| 15              | 256QAM     | 1       | 74        | 19.31                    | 19.59                       | 19.46                     | 20.70                  |
| 15              | 256QAM     | 36      | 0         | 19.52                    | 19.65                       | 19.50                     | 20.70                  |
| 15              | 256QAM     | 36      | 20        | 19.69                    | 19.75                       | 19.54                     | 20.70                  |
| 15              | 256QAM     | 36      | 39        | 19.43                    | 19.57                       | 19.58                     | 20.70                  |
| 15              | 256QAM     | 75      | 0         | 19.50                    | 19.65                       | 19.52                     | 20.70                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 24.96                    | 24.95                       | 24.80                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.63                    | 24.77                       | 24.66                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.52                    | 24.71                       | 24.57                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 23.66                    | 23.80                       | 23.55                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.65                    | 23.67                       | 23.67                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.54                    | 23.56                       | 23.45                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.58                    | 23.60                       | 23.51                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 23.49                    | 23.74                       | 23.47                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.50                    | 23.71                       | 23.44                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 23.67                    | 23.78                       | 23.63                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.49                    | 22.65                       | 22.53                     | 23.70                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 16QAM  | 25 | 12 | 22.44  | 22.72  | 22.55  | 23.70         |
| 10              | 16QAM  | 25 | 25 | 22.62  | 22.69  | 22.53  | 23.70         |
| 10              | 16QAM  | 50 | 0  | 22.54  | 22.74  | 22.60  | 23.70         |
| 10              | 64QAM  | 1  | 0  | 22.52  | 22.64  | 22.45  | 23.70         |
| 10              | 64QAM  | 1  | 25 | 22.55  | 22.62  | 22.49  | 23.70         |
| 10              | 64QAM  | 1  | 49 | 22.47  | 22.64  | 22.48  | 23.70         |
| 10              | 64QAM  | 25 | 0  | 21.61  | 21.70  | 21.56  | 22.70         |
| 10              | 64QAM  | 25 | 12 | 21.67  | 21.79  | 21.56  | 22.70         |
| 10              | 64QAM  | 25 | 25 | 21.50  | 21.64  | 21.49  | 22.70         |
| 10              | 64QAM  | 50 | 0  | 21.70  | 21.76  | 21.71  | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.53  | 19.57  | 19.42  | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.41  | 19.50  | 19.33  | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.37  | 19.53  | 19.36  | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.55  | 19.55  | 19.44  | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.71  | 19.75  | 19.55  | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.50  | 19.58  | 19.47  | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.47  | 19.65  | 19.59  | 20.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.87  | 24.98  | 24.85  | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.56  | 24.78  | 24.60  | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.50  | 24.61  | 24.51  | 25.70         |
| 5               | QPSK   | 12 | 0  | 23.61  | 23.75  | 23.65  | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.61  | 23.68  | 23.63  | 24.70         |
| 5               | QPSK   | 12 | 13 | 23.52  | 23.58  | 23.41  | 24.70         |
| 5               | QPSK   | 25 | 0  | 23.58  | 23.68  | 23.48  | 24.70         |
| 5               | 16QAM  | 1  | 0  | 23.52  | 23.64  | 23.47  | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.50  | 23.65  | 23.54  | 24.70         |
| 5               | 16QAM  | 1  | 24 | 23.61  | 23.68  | 23.71  | 24.70         |
| 5               | 16QAM  | 12 | 0  | 22.58  | 22.59  | 22.54  | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.49  | 22.64  | 22.49  | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.65  | 22.61  | 22.53  | 23.70         |
| 5               | 16QAM  | 25 | 0  | 22.58  | 22.68  | 22.58  | 23.70         |
| 5               | 64QAM  | 1  | 0  | 22.53  | 22.72  | 22.50  | 23.70         |
| 5               | 64QAM  | 1  | 12 | 22.57  | 22.67  | 22.42  | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.61  | 22.61  | 22.46  | 23.70         |
| 5               | 64QAM  | 12 | 0  | 21.61  | 21.68  | 21.54  | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.66  | 21.79  | 21.66  | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.60  | 21.59  | 21.50  | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.73  | 21.82  | 21.62  | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.41  | 19.62  | 19.49  | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.41  | 19.51  | 19.35  | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.44  | 19.55  | 19.42  | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.61  | 19.61  | 19.50  | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.72  | 19.65  | 19.51  | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.43  | 19.62  | 19.53  | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.53  | 19.63  | 19.59  | 20.70         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 24.85  | 24.98  | 24.90  | 25.70         |
| 3               | QPSK   | 1  | 8  | 24.53  | 24.75  | 24.67  | 25.70         |
| 3               | QPSK   | 1  | 14 | 24.51  | 24.72  | 24.61  | 25.70         |
| 3               | QPSK   | 8  | 0  | 23.56  | 23.66  | 23.61  | 24.70         |
| 3               | QPSK   | 8  | 4  | 23.68  | 23.67  | 23.60  | 24.70         |
| 3               | QPSK   | 8  | 7  | 23.49  | 23.63  | 23.36  | 24.70         |
| 3               | QPSK   | 15 | 0  | 23.56  | 23.58  | 23.45  | 24.70         |
| 3               | 16QAM  | 1  | 0  | 23.49  | 23.66  | 23.56  | 24.70         |
| 3               | 16QAM  | 1  | 8  | 23.58  | 23.75  | 23.49  | 24.70         |
| 3               | 16QAM  | 1  | 14 | 23.65  | 23.77  | 23.62  | 24.70         |
| 3               | 16QAM  | 8  | 0  | 22.50  | 22.71  | 22.51  | 23.70         |
| 3               | 16QAM  | 8  | 4  | 22.47  | 22.65  | 22.51  | 23.70         |
| 3               | 16QAM  | 8  | 7  | 22.66  | 22.73  | 22.57  | 23.70         |
| 3               | 16QAM  | 15 | 0  | 22.64  | 22.73  | 22.69  | 23.70         |
| 3               | 64QAM  | 1  | 0  | 22.49  | 22.62  | 22.48  | 23.70         |
| 3               | 64QAM  | 1  | 8  | 22.55  | 22.60  | 22.39  | 23.70         |
| 3               | 64QAM  | 1  | 14 | 22.50  | 22.59  | 22.56  | 23.70         |
| 3               | 64QAM  | 8  | 0  | 21.61  | 21.73  | 21.57  | 22.70         |
| 3               | 64QAM  | 8  | 4  | 21.55  | 21.79  | 21.61  | 22.70         |
| 3               | 64QAM  | 8  | 7  | 21.62  | 21.60  | 21.48  | 22.70         |
| 3               | 64QAM  | 15 | 0  | 21.70  | 21.71  | 21.69  | 22.70         |
| 3               | 256QAM | 1  | 0  | 19.42  | 19.53  | 19.49  | 20.70         |
| 3               | 256QAM | 1  | 8  | 19.48  | 19.50  | 19.32  | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.40  | 19.52  | 19.38  | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.61  | 19.69  | 19.37  | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.65  | 19.69  | 19.53  | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.42  | 19.57  | 19.48  | 20.70         |
| 3               | 256QAM | 15 | 0  | 19.45  | 19.58  | 19.60  | 20.70         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |

| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 24.84  | 24.88  | 24.81  | 25.70 |
| 1.4             | QPSK   | 1 | 3 | 24.54  | 24.67  | 24.65  | 25.70 |
| 1.4             | QPSK   | 1 | 5 | 24.63  | 24.63  | 24.51  | 25.70 |
| 1.4             | QPSK   | 3 | 0 | 24.63  | 24.67  | 24.62  | 25.70 |
| 1.4             | QPSK   | 3 | 1 | 24.58  | 24.66  | 24.63  | 25.70 |
| 1.4             | QPSK   | 3 | 3 | 24.49  | 24.55  | 24.44  | 25.70 |
| 1.4             | QPSK   | 6 | 0 | 23.60  | 23.67  | 23.49  | 24.70 |
| 1.4             | 16QAM  | 1 | 0 | 23.50  | 23.64  | 23.50  | 24.70 |
| 1.4             | 16QAM  | 1 | 3 | 23.53  | 23.67  | 23.51  | 24.70 |
| 1.4             | 16QAM  | 1 | 5 | 23.65  | 23.74  | 23.70  | 24.70 |
| 1.4             | 16QAM  | 3 | 0 | 23.51  | 23.68  | 23.56  | 24.70 |
| 1.4             | 16QAM  | 3 | 1 | 23.46  | 23.63  | 23.55  | 24.70 |
| 1.4             | 16QAM  | 3 | 3 | 23.63  | 23.60  | 23.58  | 24.70 |
| 1.4             | 16QAM  | 6 | 0 | 22.59  | 22.78  | 22.67  | 23.70 |
| 1.4             | 64QAM  | 1 | 0 | 22.50  | 22.72  | 22.51  | 23.70 |
| 1.4             | 64QAM  | 1 | 3 | 22.49  | 22.62  | 22.40  | 23.70 |
| 1.4             | 64QAM  | 1 | 5 | 22.57  | 22.70  | 22.50  | 23.70 |
| 1.4             | 64QAM  | 3 | 0 | 22.60  | 22.70  | 22.57  | 23.70 |
| 1.4             | 64QAM  | 3 | 1 | 22.56  | 22.68  | 22.57  | 23.70 |
| 1.4             | 64QAM  | 3 | 3 | 22.55  | 22.71  | 22.55  | 23.70 |
| 1.4             | 64QAM  | 6 | 0 | 21.73  | 21.84  | 21.74  | 22.70 |
| 1.4             | 256QAM | 1 | 0 | 19.43  | 19.59  | 19.47  | 20.70 |
| 1.4             | 256QAM | 1 | 3 | 19.41  | 19.55  | 19.30  | 20.70 |
| 1.4             | 256QAM | 1 | 5 | 19.31  | 19.48  | 19.35  | 20.70 |
| 1.4             | 256QAM | 3 | 0 | 19.51  | 19.55  | 19.49  | 20.70 |
| 1.4             | 256QAM | 3 | 1 | 19.69  | 19.67  | 19.56  | 20.70 |
| 1.4             | 256QAM | 3 | 3 | 19.39  | 19.67  | 19.56  | 20.70 |
| 1.4             | 256QAM | 6 | 0 | 19.51  | 19.64  | 19.53  | 20.70 |

**【LTE Band 4\_Ant 4\_ECI1-2】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.73                    | 22.78                       | 22.72                     | 24.50                  |
| 20              | QPSK       | 1       | 49        | 22.54                    | 22.66                       | 22.54                     | 24.50                  |
| 20              | QPSK       | 1       | 99        | 22.56                    | 22.75                       | 22.55                     | 24.50                  |
| 20              | QPSK       | 50      | 0         | 21.64                    | 21.67                       | 21.63                     | 23.50                  |
| 20              | QPSK       | 50      | 24        | 21.61                    | 21.64                       | 21.62                     | 23.50                  |
| 20              | QPSK       | 50      | 50        | 21.62                    | 21.64                       | 21.62                     | 23.50                  |
| 20              | QPSK       | 100     | 0         | 21.64                    | 21.66                       | 21.65                     | 23.50                  |
| 20              | 16QAM      | 1       | 0         | 21.77                    | 21.83                       | 21.73                     | 23.50                  |
| 20              | 16QAM      | 1       | 49        | 21.57                    | 21.73                       | 21.56                     | 23.50                  |
| 20              | 16QAM      | 1       | 99        | 21.73                    | 21.83                       | 21.69                     | 23.50                  |
| 20              | 16QAM      | 50      | 0         | 20.58                    | 20.68                       | 20.50                     | 22.50                  |
| 20              | 16QAM      | 50      | 24        | 20.47                    | 20.66                       | 20.55                     | 22.50                  |
| 20              | 16QAM      | 50      | 50        | 20.51                    | 20.60                       | 20.42                     | 22.50                  |
| 20              | 16QAM      | 100     | 0         | 20.49                    | 20.68                       | 20.57                     | 22.50                  |
| 20              | 64QAM      | 1       | 0         | 20.50                    | 20.58                       | 20.52                     | 22.50                  |
| 20              | 64QAM      | 1       | 49        | 20.39                    | 20.47                       | 20.34                     | 22.50                  |
| 20              | 64QAM      | 1       | 99        | 20.50                    | 20.62                       | 20.54                     | 22.50                  |
| 20              | 64QAM      | 50      | 0         | 19.51                    | 19.66                       | 19.55                     | 21.50                  |
| 20              | 64QAM      | 50      | 24        | 19.56                    | 19.65                       | 19.57                     | 21.50                  |
| 20              | 64QAM      | 50      | 50        | 19.46                    | 19.58                       | 19.47                     | 21.50                  |
| 20              | 64QAM      | 100     | 0         | 19.48                    | 19.67                       | 19.60                     | 21.50                  |
| 20              | 256QAM     | 1       | 0         | 17.59                    | 17.64                       | 17.55                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.44                    | 17.60                       | 17.54                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.57                    | 17.62                       | 17.55                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.55                    | 17.68                       | 17.53                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.50                    | 17.67                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.41                    | 17.59                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.49                    | 17.66                       | 17.57                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.62                    | 22.63                       | 22.70                     | 24.50                  |
| 15              | QPSK       | 1       | 37        | 22.41                    | 22.64                       | 22.50                     | 24.50                  |
| 15              | QPSK       | 1       | 74        | 22.45                    | 22.72                       | 22.52                     | 24.50                  |
| 15              | QPSK       | 36      | 0         | 21.48                    | 21.61                       | 21.46                     | 23.50                  |
| 15              | QPSK       | 36      | 20        | 21.46                    | 21.58                       | 21.30                     | 23.50                  |
| 15              | QPSK       | 36      | 39        | 21.49                    | 21.63                       | 21.39                     | 23.50                  |
| 15              | QPSK       | 75      | 0         | 21.43                    | 21.63                       | 21.56                     | 23.50                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 21.74  | 21.78  | 21.62  | 23.50         |
| 15              | 16QAM  | 1  | 37 | 21.52  | 21.69  | 21.50  | 23.50         |
| 15              | 16QAM  | 1  | 74 | 21.68  | 21.71  | 21.55  | 23.50         |
| 15              | 16QAM  | 36 | 0  | 20.49  | 20.54  | 20.45  | 22.50         |
| 15              | 16QAM  | 36 | 20 | 20.44  | 20.54  | 20.45  | 22.50         |
| 15              | 16QAM  | 36 | 39 | 20.41  | 20.53  | 20.33  | 22.50         |
| 15              | 16QAM  | 75 | 0  | 20.47  | 20.65  | 20.54  | 22.50         |
| 15              | 64QAM  | 1  | 0  | 20.48  | 20.43  | 20.43  | 22.50         |
| 15              | 64QAM  | 1  | 37 | 20.37  | 20.43  | 20.19  | 22.50         |
| 15              | 64QAM  | 1  | 74 | 20.43  | 20.58  | 20.48  | 22.50         |
| 15              | 64QAM  | 36 | 0  | 19.46  | 19.57  | 19.49  | 21.50         |
| 15              | 64QAM  | 36 | 20 | 19.50  | 19.55  | 19.43  | 21.50         |
| 15              | 64QAM  | 36 | 39 | 19.39  | 19.52  | 19.42  | 21.50         |
| 15              | 64QAM  | 75 | 0  | 19.46  | 19.57  | 19.57  | 21.50         |
| 15              | 256QAM | 1  | 0  | 17.52  | 17.54  | 17.47  | 19.50         |
| 15              | 256QAM | 1  | 37 | 17.42  | 17.57  | 17.41  | 19.50         |
| 15              | 256QAM | 1  | 74 | 17.49  | 17.51  | 17.44  | 19.50         |
| 15              | 256QAM | 36 | 0  | 17.45  | 17.59  | 17.43  | 19.50         |
| 15              | 256QAM | 36 | 20 | 17.40  | 17.62  | 17.53  | 19.50         |
| 15              | 256QAM | 36 | 39 | 17.30  | 17.53  | 17.40  | 19.50         |
| 15              | 256QAM | 75 | 0  | 17.34  | 17.60  | 17.48  | 19.50         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.61  | 22.69  | 22.59  | 24.50         |
| 10              | QPSK   | 1  | 25 | 22.50  | 22.61  | 22.39  | 24.50         |
| 10              | QPSK   | 1  | 49 | 22.49  | 22.66  | 22.42  | 24.50         |
| 10              | QPSK   | 25 | 0  | 21.50  | 21.61  | 21.51  | 23.50         |
| 10              | QPSK   | 25 | 12 | 21.48  | 21.58  | 21.33  | 23.50         |
| 10              | QPSK   | 25 | 25 | 21.43  | 21.59  | 21.31  | 23.50         |
| 10              | QPSK   | 50 | 0  | 21.51  | 21.62  | 21.45  | 23.50         |
| 10              | 16QAM  | 1  | 0  | 21.72  | 21.80  | 21.59  | 23.50         |
| 10              | 16QAM  | 1  | 25 | 21.49  | 21.58  | 21.48  | 23.50         |
| 10              | 16QAM  | 1  | 49 | 21.70  | 21.78  | 21.64  | 23.50         |
| 10              | 16QAM  | 25 | 0  | 20.53  | 20.57  | 20.43  | 22.50         |
| 10              | 16QAM  | 25 | 12 | 20.38  | 20.57  | 20.42  | 22.50         |
| 10              | 16QAM  | 25 | 25 | 20.38  | 20.52  | 20.33  | 22.50         |
| 10              | 16QAM  | 50 | 0  | 20.47  | 20.62  | 20.44  | 22.50         |
| 10              | 64QAM  | 1  | 0  | 20.48  | 20.49  | 20.44  | 22.50         |
| 10              | 64QAM  | 1  | 25 | 20.35  | 20.35  | 20.22  | 22.50         |
| 10              | 64QAM  | 1  | 49 | 20.41  | 20.51  | 20.39  | 22.50         |
| 10              | 64QAM  | 25 | 0  | 19.50  | 19.57  | 19.45  | 21.50         |
| 10              | 64QAM  | 25 | 12 | 19.47  | 19.62  | 19.56  | 21.50         |
| 10              | 64QAM  | 25 | 25 | 19.38  | 19.48  | 19.37  | 21.50         |
| 10              | 64QAM  | 50 | 0  | 19.37  | 19.62  | 19.47  | 21.50         |
| 10              | 256QAM | 1  | 0  | 17.53  | 17.51  | 17.49  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.32  | 17.52  | 17.44  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.56  | 17.53  | 17.45  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.43  | 17.64  | 17.47  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.36  | 17.63  | 17.50  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.29  | 17.53  | 17.50  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.48  | 17.63  | 17.55  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.71  | 22.73  | 22.60  | 24.50         |
| 5               | QPSK   | 1  | 12 | 22.52  | 22.62  | 22.53  | 24.50         |
| 5               | QPSK   | 1  | 24 | 22.43  | 22.61  | 22.48  | 24.50         |
| 5               | QPSK   | 12 | 0  | 21.42  | 21.55  | 21.45  | 23.50         |
| 5               | QPSK   | 12 | 7  | 21.39  | 21.61  | 21.42  | 23.50         |
| 5               | QPSK   | 12 | 13 | 21.50  | 21.57  | 21.34  | 23.50         |
| 5               | QPSK   | 25 | 0  | 21.43  | 21.63  | 21.56  | 23.50         |
| 5               | 16QAM  | 1  | 0  | 21.75  | 21.80  | 21.65  | 23.50         |
| 5               | 16QAM  | 1  | 12 | 21.55  | 21.71  | 21.53  | 23.50         |
| 5               | 16QAM  | 1  | 24 | 21.65  | 21.73  | 21.62  | 23.50         |
| 5               | 16QAM  | 12 | 0  | 20.54  | 20.61  | 20.47  | 22.50         |
| 5               | 16QAM  | 12 | 7  | 20.39  | 20.51  | 20.47  | 22.50         |
| 5               | 16QAM  | 12 | 13 | 20.43  | 20.47  | 20.34  | 22.50         |
| 5               | 16QAM  | 25 | 0  | 20.46  | 20.65  | 20.51  | 22.50         |
| 5               | 64QAM  | 1  | 0  | 20.39  | 20.51  | 20.41  | 22.50         |
| 5               | 64QAM  | 1  | 12 | 20.31  | 20.42  | 20.32  | 22.50         |
| 5               | 64QAM  | 1  | 24 | 20.43  | 20.58  | 20.51  | 22.50         |
| 5               | 64QAM  | 12 | 0  | 19.37  | 19.51  | 19.49  | 21.50         |
| 5               | 64QAM  | 12 | 7  | 19.55  | 19.58  | 19.51  | 21.50         |
| 5               | 64QAM  | 12 | 13 | 19.42  | 19.49  | 19.44  | 21.50         |
| 5               | 64QAM  | 25 | 0  | 19.43  | 19.56  | 19.56  | 21.50         |
| 5               | 256QAM | 1  | 0  | 17.55  | 17.59  | 17.45  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.29  | 17.53  | 17.49  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.46  | 17.51  | 17.40  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.50  | 17.59  | 17.43  | 19.50         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.36  | 17.58  | 17.52  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.30  | 17.48  | 17.44  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.39  | 17.59  | 17.46  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.67  | 22.71  | 22.68  | 24.50                  |
| 3               | QPSK   | 1  | 8  | 22.44  | 22.65  | 22.52  | 24.50                  |
| 3               | QPSK   | 1  | 14 | 22.54  | 22.61  | 22.49  | 24.50                  |
| 3               | QPSK   | 8  | 0  | 21.46  | 21.60  | 21.52  | 23.50                  |
| 3               | QPSK   | 8  | 4  | 21.42  | 21.55  | 21.35  | 23.50                  |
| 3               | QPSK   | 8  | 7  | 21.41  | 21.54  | 21.31  | 23.50                  |
| 3               | QPSK   | 15 | 0  | 21.40  | 21.61  | 21.45  | 23.50                  |
| 3               | 16QAM  | 1  | 0  | 21.71  | 21.81  | 21.67  | 23.50                  |
| 3               | 16QAM  | 1  | 8  | 21.55  | 21.62  | 21.53  | 23.50                  |
| 3               | 16QAM  | 1  | 14 | 21.59  | 21.82  | 21.63  | 23.50                  |
| 3               | 16QAM  | 8  | 0  | 20.50  | 20.64  | 20.47  | 22.50                  |
| 3               | 16QAM  | 8  | 4  | 20.36  | 20.55  | 20.45  | 22.50                  |
| 3               | 16QAM  | 8  | 7  | 20.50  | 20.50  | 20.36  | 22.50                  |
| 3               | 16QAM  | 15 | 0  | 20.37  | 20.57  | 20.53  | 22.50                  |
| 3               | 64QAM  | 1  | 0  | 20.41  | 20.53  | 20.43  | 22.50                  |
| 3               | 64QAM  | 1  | 8  | 20.28  | 20.38  | 20.29  | 22.50                  |
| 3               | 64QAM  | 1  | 14 | 20.47  | 20.48  | 20.44  | 22.50                  |
| 3               | 64QAM  | 8  | 0  | 19.40  | 19.63  | 19.44  | 21.50                  |
| 3               | 64QAM  | 8  | 4  | 19.47  | 19.62  | 19.55  | 21.50                  |
| 3               | 64QAM  | 8  | 7  | 19.35  | 19.52  | 19.33  | 21.50                  |
| 3               | 64QAM  | 15 | 0  | 19.42  | 19.64  | 19.48  | 21.50                  |
| 3               | 256QAM | 1  | 0  | 17.53  | 17.60  | 17.42  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.38  | 17.58  | 17.53  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.52  | 17.54  | 17.53  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.53  | 17.65  | 17.46  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.41  | 17.56  | 17.47  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.29  | 17.49  | 17.47  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.45  | 17.63  | 17.55  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.61  | 22.66  | 22.66  | 24.50                  |
| 1.4             | QPSK   | 1  | 3  | 22.41  | 22.62  | 22.47  | 24.50                  |
| 1.4             | QPSK   | 1  | 5  | 22.54  | 22.62  | 22.46  | 24.50                  |
| 1.4             | QPSK   | 3  | 0  | 22.48  | 22.56  | 22.48  | 24.50                  |
| 1.4             | QPSK   | 3  | 1  | 22.36  | 22.55  | 22.44  | 24.50                  |
| 1.4             | QPSK   | 3  | 3  | 22.47  | 22.55  | 22.38  | 24.50                  |
| 1.4             | QPSK   | 6  | 0  | 21.42  | 21.62  | 21.54  | 23.50                  |
| 1.4             | 16QAM  | 1  | 0  | 21.71  | 21.78  | 21.67  | 23.50                  |
| 1.4             | 16QAM  | 1  | 3  | 21.47  | 21.65  | 21.54  | 23.50                  |
| 1.4             | 16QAM  | 1  | 5  | 21.62  | 21.77  | 21.64  | 23.50                  |
| 1.4             | 16QAM  | 3  | 0  | 21.56  | 21.60  | 21.40  | 23.50                  |
| 1.4             | 16QAM  | 3  | 1  | 21.35  | 21.54  | 21.50  | 23.50                  |
| 1.4             | 16QAM  | 3  | 3  | 21.39  | 21.51  | 21.32  | 23.50                  |
| 1.4             | 16QAM  | 6  | 0  | 20.41  | 20.64  | 20.55  | 22.50                  |
| 1.4             | 64QAM  | 1  | 0  | 20.39  | 20.48  | 20.38  | 22.50                  |
| 1.4             | 64QAM  | 1  | 3  | 20.27  | 20.34  | 20.26  | 22.50                  |
| 1.4             | 64QAM  | 1  | 5  | 20.46  | 20.50  | 20.40  | 22.50                  |
| 1.4             | 64QAM  | 3  | 0  | 20.36  | 20.55  | 20.45  | 22.50                  |
| 1.4             | 64QAM  | 3  | 1  | 20.47  | 20.50  | 20.53  | 22.50                  |
| 1.4             | 64QAM  | 3  | 3  | 20.40  | 20.52  | 20.32  | 22.50                  |
| 1.4             | 64QAM  | 6  | 0  | 19.33  | 19.61  | 19.56  | 21.50                  |
| 1.4             | 256QAM | 1  | 0  | 17.56  | 17.58  | 17.41  | 19.50                  |
| 1.4             | 256QAM | 1  | 3  | 17.40  | 17.52  | 17.45  | 19.50                  |
| 1.4             | 256QAM | 1  | 5  | 17.51  | 17.54  | 17.49  | 19.50                  |
| 1.4             | 256QAM | 3  | 0  | 17.45  | 17.61  | 17.49  | 19.50                  |
| 1.4             | 256QAM | 3  | 1  | 17.39  | 17.64  | 17.48  | 19.50                  |
| 1.4             | 256QAM | 3  | 3  | 17.29  | 17.46  | 17.48  | 19.50                  |
| 1.4             | 256QAM | 6  | 0  | 17.39  | 17.59  | 17.55  | 19.50                  |



## 【LTE Band 4\_Ant 4\_ECI3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 18.06                    | 18.12                       | 18.08                     | 19.20                  |
| 20              | QPSK       | 1       | 49        | 17.90                    | 18.05                       | 17.90                     | 19.20                  |
| 20              | QPSK       | 1       | 99        | 17.78                    | 17.94                       | 17.87                     | 19.20                  |
| 20              | QPSK       | 50      | 0         | 18.01                    | 18.09                       | 18.03                     | 19.20                  |
| 20              | QPSK       | 50      | 24        | 17.96                    | 18.06                       | 18.01                     | 19.20                  |
| 20              | QPSK       | 50      | 50        | 17.89                    | 18.03                       | 17.86                     | 19.20                  |
| 20              | QPSK       | 100     | 0         | 17.77                    | 17.95                       | 17.80                     | 19.20                  |
| 20              | 16QAM      | 1       | 0         | 17.91                    | 18.04                       | 17.95                     | 19.20                  |
| 20              | 16QAM      | 1       | 49        | 17.92                    | 18.04                       | 17.93                     | 19.20                  |
| 20              | 16QAM      | 1       | 99        | 17.96                    | 18.03                       | 17.91                     | 19.20                  |
| 20              | 16QAM      | 50      | 0         | 17.93                    | 18.05                       | 17.92                     | 19.20                  |
| 20              | 16QAM      | 50      | 24        | 17.90                    | 18.04                       | 17.97                     | 19.20                  |
| 20              | 16QAM      | 50      | 50        | 17.98                    | 18.07                       | 17.96                     | 19.20                  |
| 20              | 16QAM      | 100     | 0         | 17.84                    | 18.04                       | 17.92                     | 19.20                  |
| 20              | 64QAM      | 1       | 0         | 17.81                    | 17.99                       | 17.87                     | 19.20                  |
| 20              | 64QAM      | 1       | 49        | 17.87                    | 17.94                       | 17.87                     | 19.20                  |
| 20              | 64QAM      | 1       | 99        | 17.88                    | 17.97                       | 17.89                     | 19.20                  |
| 20              | 64QAM      | 50      | 0         | 17.83                    | 17.94                       | 17.80                     | 19.20                  |
| 20              | 64QAM      | 50      | 24        | 17.79                    | 17.94                       | 17.89                     | 19.20                  |
| 20              | 64QAM      | 50      | 50        | 17.90                    | 18.07                       | 17.98                     | 19.20                  |
| 20              | 64QAM      | 100     | 0         | 17.92                    | 18.05                       | 17.99                     | 19.20                  |
| 20              | 256QAM     | 1       | 0         | 17.79                    | 17.99                       | 17.83                     | 19.20                  |
| 20              | 256QAM     | 1       | 49        | 17.84                    | 17.99                       | 17.91                     | 19.20                  |
| 20              | 256QAM     | 1       | 99        | 17.89                    | 18.01                       | 17.89                     | 19.20                  |
| 20              | 256QAM     | 50      | 0         | 17.95                    | 18.12                       | 18.06                     | 19.20                  |
| 20              | 256QAM     | 50      | 24        | 17.91                    | 18.05                       | 17.99                     | 19.20                  |
| 20              | 256QAM     | 50      | 50        | 17.84                    | 17.94                       | 17.77                     | 19.20                  |
| 20              | 256QAM     | 100     | 0         | 17.96                    | 18.05                       | 17.93                     | 19.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.98                    | 18.01                       | 18.07                     | 19.20                  |
| 15              | QPSK       | 1       | 37        | 17.78                    | 18.04                       | 17.80                     | 19.20                  |
| 15              | QPSK       | 1       | 74        | 17.71                    | 17.84                       | 17.81                     | 19.20                  |
| 15              | QPSK       | 36      | 0         | 17.98                    | 18.07                       | 18.02                     | 19.20                  |
| 15              | QPSK       | 36      | 20        | 17.85                    | 17.93                       | 17.89                     | 19.20                  |
| 15              | QPSK       | 36      | 39        | 17.78                    | 17.89                       | 17.72                     | 19.20                  |
| 15              | QPSK       | 75      | 0         | 17.71                    | 17.91                       | 17.76                     | 19.20                  |
| 15              | 16QAM      | 1       | 0         | 17.84                    | 18.01                       | 17.88                     | 19.20                  |
| 15              | 16QAM      | 1       | 37        | 17.89                    | 17.96                       | 17.90                     | 19.20                  |
| 15              | 16QAM      | 1       | 74        | 17.84                    | 17.97                       | 17.84                     | 19.20                  |
| 15              | 16QAM      | 36      | 0         | 17.80                    | 17.93                       | 17.90                     | 19.20                  |
| 15              | 16QAM      | 36      | 20        | 17.82                    | 17.92                       | 17.95                     | 19.20                  |
| 15              | 16QAM      | 36      | 39        | 17.88                    | 17.96                       | 17.82                     | 19.20                  |
| 15              | 16QAM      | 75      | 0         | 17.79                    | 18.00                       | 17.91                     | 19.20                  |
| 15              | 64QAM      | 1       | 0         | 17.79                    | 17.86                       | 17.82                     | 19.20                  |
| 15              | 64QAM      | 1       | 37        | 17.77                    | 17.84                       | 17.84                     | 19.20                  |
| 15              | 64QAM      | 1       | 74        | 17.84                    | 17.96                       | 17.83                     | 19.20                  |
| 15              | 64QAM      | 36      | 0         | 17.71                    | 17.90                       | 17.71                     | 19.20                  |
| 15              | 64QAM      | 36      | 20        | 17.64                    | 17.84                       | 17.77                     | 19.20                  |
| 15              | 64QAM      | 36      | 39        | 17.89                    | 17.98                       | 17.93                     | 19.20                  |
| 15              | 64QAM      | 75      | 0         | 17.82                    | 18.03                       | 17.93                     | 19.20                  |
| 15              | 256QAM     | 1       | 0         | 17.65                    | 17.97                       | 17.79                     | 19.20                  |
| 15              | 256QAM     | 1       | 37        | 17.82                    | 17.87                       | 17.78                     | 19.20                  |
| 15              | 256QAM     | 1       | 74        | 17.79                    | 17.94                       | 17.82                     | 19.20                  |
| 15              | 256QAM     | 36      | 0         | 17.92                    | 18.02                       | 17.93                     | 19.20                  |
| 15              | 256QAM     | 36      | 20        | 17.77                    | 17.95                       | 17.96                     | 19.20                  |
| 15              | 256QAM     | 36      | 39        | 17.70                    | 17.85                       | 17.70                     | 19.20                  |
| 15              | 256QAM     | 75      | 0         | 17.83                    | 18.03                       | 17.85                     | 19.20                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.96                    | 17.99                       | 17.97                     | 19.20                  |
| 10              | QPSK       | 1       | 25        | 17.83                    | 18.03                       | 17.78                     | 19.20                  |
| 10              | QPSK       | 1       | 49        | 17.73                    | 17.81                       | 17.76                     | 19.20                  |
| 10              | QPSK       | 25      | 0         | 17.95                    | 17.95                       | 17.95                     | 19.20                  |
| 10              | QPSK       | 25      | 12        | 17.87                    | 17.95                       | 17.89                     | 19.20                  |
| 10              | QPSK       | 25      | 25        | 17.76                    | 17.89                       | 17.77                     | 19.20                  |
| 10              | QPSK       | 50      | 0         | 17.65                    | 17.86                       | 17.78                     | 19.20                  |
| 10              | 16QAM      | 1       | 0         | 17.85                    | 17.95                       | 17.86                     | 19.20                  |
| 10              | 16QAM      | 1       | 25        | 17.88                    | 17.96                       | 17.81                     | 19.20                  |
| 10              | 16QAM      | 1       | 49        | 17.91                    | 17.91                       | 17.78                     | 19.20                  |
| 10              | 16QAM      | 25      | 0         | 17.84                    | 18.01                       | 17.91                     | 19.20                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.83  | 18.02  | 17.93  | 19.20                  |
| 10              | 16QAM  | 25 | 25 | 17.86  | 18.00  | 17.85  | 19.20                  |
| 10              | 16QAM  | 50 | 0  | 17.83  | 18.02  | 17.81  | 19.20                  |
| 10              | 64QAM  | 1  | 0  | 17.76  | 17.85  | 17.85  | 19.20                  |
| 10              | 64QAM  | 1  | 25 | 17.80  | 17.91  | 17.75  | 19.20                  |
| 10              | 64QAM  | 1  | 49 | 17.83  | 17.90  | 17.82  | 19.20                  |
| 10              | 64QAM  | 25 | 0  | 17.80  | 17.90  | 17.72  | 19.20                  |
| 10              | 64QAM  | 25 | 12 | 17.70  | 17.88  | 17.82  | 19.20                  |
| 10              | 64QAM  | 25 | 25 | 17.76  | 18.02  | 17.85  | 19.20                  |
| 10              | 64QAM  | 50 | 0  | 17.87  | 18.03  | 17.85  | 19.20                  |
| 10              | 256QAM | 1  | 0  | 17.73  | 17.84  | 17.76  | 19.20                  |
| 10              | 256QAM | 1  | 25 | 17.81  | 17.88  | 17.79  | 19.20                  |
| 10              | 256QAM | 1  | 49 | 17.80  | 17.89  | 17.81  | 19.20                  |
| 10              | 256QAM | 25 | 0  | 17.92  | 18.01  | 18.02  | 19.20                  |
| 10              | 256QAM | 25 | 12 | 17.84  | 17.91  | 17.91  | 19.20                  |
| 10              | 256QAM | 25 | 25 | 17.80  | 17.83  | 17.62  | 19.20                  |
| 10              | 256QAM | 50 | 0  | 17.94  | 17.97  | 17.90  | 19.20                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.98  | 18.11  | 17.99  | 19.20                  |
| 5               | QPSK   | 1  | 12 | 17.76  | 17.94  | 17.84  | 19.20                  |
| 5               | QPSK   | 1  | 24 | 17.76  | 17.88  | 17.75  | 19.20                  |
| 5               | QPSK   | 12 | 0  | 17.86  | 17.98  | 18.00  | 19.20                  |
| 5               | QPSK   | 12 | 7  | 17.87  | 18.04  | 18.00  | 19.20                  |
| 5               | QPSK   | 12 | 13 | 17.82  | 17.93  | 17.73  | 19.20                  |
| 5               | QPSK   | 25 | 0  | 17.74  | 17.82  | 17.78  | 19.20                  |
| 5               | 16QAM  | 1  | 0  | 17.77  | 17.93  | 17.94  | 19.20                  |
| 5               | 16QAM  | 1  | 12 | 17.82  | 17.93  | 17.91  | 19.20                  |
| 5               | 16QAM  | 1  | 24 | 17.86  | 17.97  | 17.81  | 19.20                  |
| 5               | 16QAM  | 12 | 0  | 17.91  | 17.95  | 17.80  | 19.20                  |
| 5               | 16QAM  | 12 | 7  | 17.81  | 17.91  | 17.95  | 19.20                  |
| 5               | 16QAM  | 12 | 13 | 17.96  | 18.01  | 17.86  | 19.20                  |
| 5               | 16QAM  | 25 | 0  | 17.71  | 18.01  | 17.79  | 19.20                  |
| 5               | 64QAM  | 1  | 0  | 17.75  | 17.88  | 17.81  | 19.20                  |
| 5               | 64QAM  | 1  | 12 | 17.83  | 17.81  | 17.83  | 19.20                  |
| 5               | 64QAM  | 1  | 24 | 17.86  | 17.85  | 17.83  | 19.20                  |
| 5               | 64QAM  | 12 | 0  | 17.81  | 17.87  | 17.65  | 19.20                  |
| 5               | 64QAM  | 12 | 7  | 17.74  | 17.85  | 17.83  | 19.20                  |
| 5               | 64QAM  | 12 | 13 | 17.87  | 17.95  | 17.84  | 19.20                  |
| 5               | 64QAM  | 25 | 0  | 17.81  | 18.01  | 17.95  | 19.20                  |
| 5               | 256QAM | 1  | 0  | 17.68  | 17.87  | 17.69  | 19.20                  |
| 5               | 256QAM | 1  | 12 | 17.78  | 17.91  | 17.84  | 19.20                  |
| 5               | 256QAM | 1  | 24 | 17.83  | 17.94  | 17.77  | 19.20                  |
| 5               | 256QAM | 12 | 0  | 17.86  | 17.99  | 18.03  | 19.20                  |
| 5               | 256QAM | 12 | 7  | 17.84  | 17.96  | 17.90  | 19.20                  |
| 5               | 256QAM | 12 | 13 | 17.74  | 17.84  | 17.65  | 19.20                  |
| 5               | 256QAM | 25 | 0  | 17.86  | 17.92  | 17.91  | 19.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.95  | 17.98  | 18.00  | 19.20                  |
| 3               | QPSK   | 1  | 8  | 17.76  | 17.99  | 17.78  | 19.20                  |
| 3               | QPSK   | 1  | 14 | 17.71  | 17.86  | 17.79  | 19.20                  |
| 3               | QPSK   | 8  | 0  | 17.99  | 17.98  | 17.96  | 19.20                  |
| 3               | QPSK   | 8  | 4  | 17.86  | 17.94  | 17.90  | 19.20                  |
| 3               | QPSK   | 8  | 7  | 17.80  | 17.91  | 17.81  | 19.20                  |
| 3               | QPSK   | 15 | 0  | 17.70  | 17.87  | 17.75  | 19.20                  |
| 3               | 16QAM  | 1  | 0  | 17.78  | 17.98  | 17.87  | 19.20                  |
| 3               | 16QAM  | 1  | 8  | 17.80  | 17.99  | 17.82  | 19.20                  |
| 3               | 16QAM  | 1  | 14 | 17.82  | 18.01  | 17.77  | 19.20                  |
| 3               | 16QAM  | 8  | 0  | 17.91  | 18.03  | 17.82  | 19.20                  |
| 3               | 16QAM  | 8  | 4  | 17.82  | 17.99  | 17.91  | 19.20                  |
| 3               | 16QAM  | 8  | 7  | 17.88  | 17.94  | 17.94  | 19.20                  |
| 3               | 16QAM  | 15 | 0  | 17.76  | 17.98  | 17.78  | 19.20                  |
| 3               | 64QAM  | 1  | 0  | 17.78  | 17.86  | 17.79  | 19.20                  |
| 3               | 64QAM  | 1  | 8  | 17.86  | 17.86  | 17.85  | 19.20                  |
| 3               | 64QAM  | 1  | 14 | 17.80  | 17.84  | 17.85  | 19.20                  |
| 3               | 64QAM  | 8  | 0  | 17.74  | 17.80  | 17.76  | 19.20                  |
| 3               | 64QAM  | 8  | 4  | 17.69  | 17.93  | 17.74  | 19.20                  |
| 3               | 64QAM  | 8  | 7  | 17.88  | 18.03  | 17.87  | 19.20                  |
| 3               | 64QAM  | 15 | 0  | 17.83  | 17.93  | 17.92  | 19.20                  |
| 3               | 256QAM | 1  | 0  | 17.74  | 17.93  | 17.73  | 19.20                  |
| 3               | 256QAM | 1  | 8  | 17.74  | 17.92  | 17.81  | 19.20                  |
| 3               | 256QAM | 1  | 14 | 17.87  | 17.93  | 17.74  | 19.20                  |
| 3               | 256QAM | 8  | 0  | 17.83  | 18.09  | 17.94  | 19.20                  |
| 3               | 256QAM | 8  | 4  | 17.80  | 17.90  | 17.98  | 19.20                  |
| 3               | 256QAM | 8  | 7  | 17.77  | 17.93  | 17.73  | 19.20                  |
| 3               | 256QAM | 15 | 0  | 17.93  | 17.92  | 17.89  | 19.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 18.02  | 18.06  | 18.07  | 19.20 |
| 1.4             | QPSK   | 1 | 3 | 17.82  | 17.96  | 17.80  | 19.20 |
| 1.4             | QPSK   | 1 | 5 | 17.66  | 17.87  | 17.79  | 19.20 |
| 1.4             | QPSK   | 3 | 0 | 18.00  | 17.97  | 17.94  | 19.20 |
| 1.4             | QPSK   | 3 | 1 | 17.92  | 17.99  | 17.93  | 19.20 |
| 1.4             | QPSK   | 3 | 3 | 17.86  | 17.96  | 17.72  | 19.20 |
| 1.4             | QPSK   | 6 | 0 | 17.68  | 17.93  | 17.65  | 19.20 |
| 1.4             | 16QAM  | 1 | 0 | 17.79  | 17.90  | 17.93  | 19.20 |
| 1.4             | 16QAM  | 1 | 3 | 17.82  | 17.97  | 17.83  | 19.20 |
| 1.4             | 16QAM  | 1 | 5 | 17.84  | 17.91  | 17.84  | 19.20 |
| 1.4             | 16QAM  | 3 | 0 | 17.92  | 17.96  | 17.84  | 19.20 |
| 1.4             | 16QAM  | 3 | 1 | 17.86  | 18.02  | 17.85  | 19.20 |
| 1.4             | 16QAM  | 3 | 3 | 17.96  | 17.97  | 17.86  | 19.20 |
| 1.4             | 16QAM  | 6 | 0 | 17.78  | 17.92  | 17.82  | 19.20 |
| 1.4             | 64QAM  | 1 | 0 | 17.70  | 17.93  | 17.73  | 19.20 |
| 1.4             | 64QAM  | 1 | 3 | 17.75  | 17.79  | 17.84  | 19.20 |
| 1.4             | 64QAM  | 1 | 5 | 17.81  | 17.84  | 17.74  | 19.20 |
| 1.4             | 64QAM  | 3 | 0 | 17.82  | 17.88  | 17.75  | 19.20 |
| 1.4             | 64QAM  | 3 | 1 | 17.66  | 17.92  | 17.75  | 19.20 |
| 1.4             | 64QAM  | 3 | 3 | 17.76  | 18.00  | 17.85  | 19.20 |
| 1.4             | 64QAM  | 6 | 0 | 17.90  | 17.95  | 17.85  | 19.20 |
| 1.4             | 256QAM | 1 | 0 | 17.66  | 17.90  | 17.79  | 19.20 |
| 1.4             | 256QAM | 1 | 3 | 17.77  | 17.87  | 17.78  | 19.20 |
| 1.4             | 256QAM | 1 | 5 | 17.85  | 17.99  | 17.80  | 19.20 |
| 1.4             | 256QAM | 3 | 0 | 17.86  | 17.99  | 17.93  | 19.20 |
| 1.4             | 256QAM | 3 | 1 | 17.86  | 17.92  | 17.96  | 19.20 |
| 1.4             | 256QAM | 3 | 3 | 17.78  | 17.86  | 17.73  | 19.20 |
| 1.4             | 256QAM | 6 | 0 | 17.90  | 17.92  | 17.90  | 19.20 |

**【LTE Band 4\_Ant 4\_ECI3-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.93                    | 17.96                       | 17.91                     | 18.70                  |
| 20              | QPSK       | 1       | 49        | 17.77                    | 17.94                       | 17.74                     | 18.70                  |
| 20              | QPSK       | 1       | 99        | 17.60                    | 17.77                       | 17.70                     | 18.70                  |
| 20              | QPSK       | 50      | 0         | 17.85                    | 17.89                       | 17.87                     | 18.70                  |
| 20              | QPSK       | 50      | 24        | 17.59                    | 17.72                       | 17.65                     | 18.70                  |
| 20              | QPSK       | 50      | 50        | 17.62                    | 17.72                       | 17.65                     | 18.70                  |
| 20              | QPSK       | 100     | 0         | 17.84                    | 17.88                       | 17.86                     | 18.70                  |
| 20              | 16QAM      | 1       | 0         | 17.69                    | 17.78                       | 17.72                     | 18.70                  |
| 20              | 16QAM      | 1       | 49        | 17.76                    | 17.85                       | 17.73                     | 18.70                  |
| 20              | 16QAM      | 1       | 99        | 17.70                    | 17.76                       | 17.60                     | 18.70                  |
| 20              | 16QAM      | 50      | 0         | 17.59                    | 17.73                       | 17.59                     | 18.70                  |
| 20              | 16QAM      | 50      | 24        | 17.46                    | 17.62                       | 17.43                     | 18.70                  |
| 20              | 16QAM      | 50      | 50        | 17.78                    | 17.87                       | 17.78                     | 18.70                  |
| 20              | 16QAM      | 100     | 0         | 17.67                    | 17.77                       | 17.66                     | 18.70                  |
| 20              | 64QAM      | 1       | 0         | 17.56                    | 17.66                       | 17.55                     | 18.70                  |
| 20              | 64QAM      | 1       | 49        | 17.57                    | 17.75                       | 17.56                     | 18.70                  |
| 20              | 64QAM      | 1       | 99        | 17.60                    | 17.73                       | 17.61                     | 18.70                  |
| 20              | 64QAM      | 50      | 0         | 17.44                    | 17.61                       | 17.55                     | 18.70                  |
| 20              | 64QAM      | 50      | 24        | 17.67                    | 17.84                       | 17.70                     | 18.70                  |
| 20              | 64QAM      | 50      | 50        | 17.64                    | 17.68                       | 17.57                     | 18.70                  |
| 20              | 64QAM      | 100     | 0         | 17.60                    | 17.69                       | 17.57                     | 18.70                  |
| 20              | 256QAM     | 1       | 0         | 17.66                    | 17.78                       | 17.66                     | 18.70                  |
| 20              | 256QAM     | 1       | 49        | 17.78                    | 17.84                       | 17.72                     | 18.70                  |
| 20              | 256QAM     | 1       | 99        | 17.73                    | 17.81                       | 17.64                     | 18.70                  |
| 20              | 256QAM     | 50      | 0         | 17.63                    | 17.77                       | 17.62                     | 18.70                  |
| 20              | 256QAM     | 50      | 24        | 17.62                    | 17.74                       | 17.68                     | 18.70                  |
| 20              | 256QAM     | 50      | 50        | 17.70                    | 17.87                       | 17.68                     | 18.70                  |
| 20              | 256QAM     | 100     | 0         | 17.65                    | 17.73                       | 17.65                     | 18.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.81                    | 17.87                       | 17.84                     | 18.70                  |
| 15              | QPSK       | 1       | 37        | 17.74                    | 17.85                       | 17.65                     | 18.70                  |
| 15              | QPSK       | 1       | 74        | 17.52                    | 17.66                       | 17.66                     | 18.70                  |
| 15              | QPSK       | 36      | 0         | 17.70                    | 17.79                       | 17.72                     | 18.70                  |
| 15              | QPSK       | 36      | 20        | 17.46                    | 17.70                       | 17.54                     | 18.70                  |
| 15              | QPSK       | 36      | 39        | 17.61                    | 17.58                       | 17.58                     | 18.70                  |
| 15              | QPSK       | 75      | 0         | 17.73                    | 17.78                       | 17.72                     | 18.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.66  | 17.73  | 17.59  | 18.70         |
| 15              | 16QAM  | 1  | 37 | 17.70  | 17.74  | 17.59  | 18.70         |
| 15              | 16QAM  | 1  | 74 | 17.57  | 17.71  | 17.58  | 18.70         |
| 15              | 16QAM  | 36 | 0  | 17.56  | 17.59  | 17.49  | 18.70         |
| 15              | 16QAM  | 36 | 20 | 17.32  | 17.60  | 17.32  | 18.70         |
| 15              | 16QAM  | 36 | 39 | 17.72  | 17.80  | 17.73  | 18.70         |
| 15              | 16QAM  | 75 | 0  | 17.57  | 17.66  | 17.59  | 18.70         |
| 15              | 64QAM  | 1  | 0  | 17.50  | 17.55  | 17.50  | 18.70         |
| 15              | 64QAM  | 1  | 37 | 17.43  | 17.67  | 17.45  | 18.70         |
| 15              | 64QAM  | 1  | 74 | 17.52  | 17.65  | 17.46  | 18.70         |
| 15              | 64QAM  | 36 | 0  | 17.36  | 17.50  | 17.52  | 18.70         |
| 15              | 64QAM  | 36 | 20 | 17.59  | 17.71  | 17.59  | 18.70         |
| 15              | 64QAM  | 36 | 39 | 17.49  | 17.54  | 17.45  | 18.70         |
| 15              | 64QAM  | 75 | 0  | 17.47  | 17.62  | 17.43  | 18.70         |
| 15              | 256QAM | 1  | 0  | 17.54  | 17.63  | 17.60  | 18.70         |
| 15              | 256QAM | 1  | 37 | 17.66  | 17.80  | 17.57  | 18.70         |
| 15              | 256QAM | 1  | 74 | 17.69  | 17.73  | 17.50  | 18.70         |
| 15              | 256QAM | 36 | 0  | 17.50  | 17.65  | 17.58  | 18.70         |
| 15              | 256QAM | 36 | 20 | 17.51  | 17.69  | 17.54  | 18.70         |
| 15              | 256QAM | 36 | 39 | 17.66  | 17.75  | 17.63  | 18.70         |
| 15              | 256QAM | 75 | 0  | 17.63  | 17.64  | 17.61  | 18.70         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.79  | 17.92  | 17.79  | 18.70         |
| 10              | QPSK   | 1  | 25 | 17.69  | 17.82  | 17.63  | 18.70         |
| 10              | QPSK   | 1  | 49 | 17.51  | 17.69  | 17.63  | 18.70         |
| 10              | QPSK   | 25 | 0  | 17.80  | 17.84  | 17.79  | 18.70         |
| 10              | QPSK   | 25 | 12 | 17.49  | 17.67  | 17.53  | 18.70         |
| 10              | QPSK   | 25 | 25 | 17.58  | 17.65  | 17.54  | 18.70         |
| 10              | QPSK   | 50 | 0  | 17.76  | 17.68  | 17.62  | 18.70         |
| 10              | 16QAM  | 1  | 0  | 17.59  | 17.67  | 17.66  | 18.70         |
| 10              | 16QAM  | 1  | 25 | 17.68  | 17.84  | 17.70  | 18.70         |
| 10              | 16QAM  | 1  | 49 | 17.61  | 17.65  | 17.53  | 18.70         |
| 10              | 16QAM  | 25 | 0  | 17.45  | 17.65  | 17.54  | 18.70         |
| 10              | 16QAM  | 25 | 12 | 17.35  | 17.59  | 17.33  | 18.70         |
| 10              | 16QAM  | 25 | 25 | 17.63  | 17.75  | 17.71  | 18.70         |
| 10              | 16QAM  | 50 | 0  | 17.59  | 17.68  | 17.60  | 18.70         |
| 10              | 64QAM  | 1  | 0  | 17.41  | 17.62  | 17.54  | 18.70         |
| 10              | 64QAM  | 1  | 25 | 17.54  | 17.72  | 17.45  | 18.70         |
| 10              | 64QAM  | 1  | 49 | 17.47  | 17.68  | 17.46  | 18.70         |
| 10              | 64QAM  | 25 | 0  | 17.31  | 17.56  | 17.48  | 18.70         |
| 10              | 64QAM  | 25 | 12 | 17.63  | 17.78  | 17.64  | 18.70         |
| 10              | 64QAM  | 25 | 25 | 17.50  | 17.58  | 17.46  | 18.70         |
| 10              | 64QAM  | 50 | 0  | 17.54  | 17.63  | 17.49  | 18.70         |
| 10              | 256QAM | 1  | 0  | 17.61  | 17.67  | 17.57  | 18.70         |
| 10              | 256QAM | 1  | 25 | 17.77  | 17.80  | 17.67  | 18.70         |
| 10              | 256QAM | 1  | 49 | 17.60  | 17.80  | 17.56  | 18.70         |
| 10              | 256QAM | 25 | 0  | 17.55  | 17.75  | 17.48  | 18.70         |
| 10              | 256QAM | 25 | 12 | 17.57  | 17.66  | 17.63  | 18.70         |
| 10              | 256QAM | 25 | 25 | 17.65  | 17.86  | 17.66  | 18.70         |
| 10              | 256QAM | 50 | 0  | 17.56  | 17.58  | 17.56  | 18.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.91  | 17.84  | 17.82  | 18.70         |
| 5               | QPSK   | 1  | 12 | 17.66  | 17.84  | 17.72  | 18.70         |
| 5               | QPSK   | 1  | 24 | 17.50  | 17.65  | 17.69  | 18.70         |
| 5               | QPSK   | 12 | 0  | 17.74  | 17.83  | 17.77  | 18.70         |
| 5               | QPSK   | 12 | 7  | 17.52  | 17.57  | 17.57  | 18.70         |
| 5               | QPSK   | 12 | 13 | 17.49  | 17.61  | 17.58  | 18.70         |
| 5               | QPSK   | 25 | 0  | 17.78  | 17.80  | 17.70  | 18.70         |
| 5               | 16QAM  | 1  | 0  | 17.59  | 17.64  | 17.64  | 18.70         |
| 5               | 16QAM  | 1  | 12 | 17.66  | 17.80  | 17.72  | 18.70         |
| 5               | 16QAM  | 1  | 24 | 17.63  | 17.62  | 17.52  | 18.70         |
| 5               | 16QAM  | 12 | 0  | 17.50  | 17.61  | 17.49  | 18.70         |
| 5               | 16QAM  | 12 | 7  | 17.42  | 17.49  | 17.32  | 18.70         |
| 5               | 16QAM  | 12 | 13 | 17.68  | 17.81  | 17.73  | 18.70         |
| 5               | 16QAM  | 25 | 0  | 17.58  | 17.71  | 17.62  | 18.70         |
| 5               | 64QAM  | 1  | 0  | 17.42  | 17.62  | 17.48  | 18.70         |
| 5               | 64QAM  | 1  | 12 | 17.44  | 17.64  | 17.50  | 18.70         |
| 5               | 64QAM  | 1  | 24 | 17.48  | 17.67  | 17.50  | 18.70         |
| 5               | 64QAM  | 12 | 0  | 17.36  | 17.48  | 17.52  | 18.70         |
| 5               | 64QAM  | 12 | 7  | 17.61  | 17.83  | 17.62  | 18.70         |
| 5               | 64QAM  | 12 | 13 | 17.52  | 17.56  | 17.45  | 18.70         |
| 5               | 64QAM  | 25 | 0  | 17.50  | 17.67  | 17.51  | 18.70         |
| 5               | 256QAM | 1  | 0  | 17.51  | 17.75  | 17.55  | 18.70         |
| 5               | 256QAM | 1  | 12 | 17.76  | 17.83  | 17.64  | 18.70         |
| 5               | 256QAM | 1  | 24 | 17.58  | 17.79  | 17.53  | 18.70         |
| 5               | 256QAM | 12 | 0  | 17.50  | 17.66  | 17.59  | 18.70         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.56  | 17.62  | 17.58  | 18.70                  |
| 5               | 256QAM | 12 | 13 | 17.58  | 17.78  | 17.58  | 18.70                  |
| 5               | 256QAM | 25 | 0  | 17.64  | 17.68  | 17.54  | 18.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.84  | 17.88  | 17.78  | 18.70                  |
| 3               | QPSK   | 1  | 8  | 17.76  | 17.91  | 17.70  | 18.70                  |
| 3               | QPSK   | 1  | 14 | 17.49  | 17.67  | 17.59  | 18.70                  |
| 3               | QPSK   | 8  | 0  | 17.80  | 17.84  | 17.69  | 18.70                  |
| 3               | QPSK   | 8  | 4  | 17.52  | 17.70  | 17.51  | 18.70                  |
| 3               | QPSK   | 8  | 7  | 17.58  | 17.71  | 17.55  | 18.70                  |
| 3               | QPSK   | 15 | 0  | 17.67  | 17.69  | 17.67  | 18.70                  |
| 3               | 16QAM  | 1  | 0  | 17.60  | 17.73  | 17.58  | 18.70                  |
| 3               | 16QAM  | 1  | 8  | 17.68  | 17.79  | 17.64  | 18.70                  |
| 3               | 16QAM  | 1  | 14 | 17.67  | 17.66  | 17.56  | 18.70                  |
| 3               | 16QAM  | 8  | 0  | 17.51  | 17.59  | 17.53  | 18.70                  |
| 3               | 16QAM  | 8  | 4  | 17.32  | 17.50  | 17.31  | 18.70                  |
| 3               | 16QAM  | 8  | 7  | 17.76  | 17.75  | 17.69  | 18.70                  |
| 3               | 16QAM  | 15 | 0  | 17.53  | 17.66  | 17.54  | 18.70                  |
| 3               | 64QAM  | 1  | 0  | 17.47  | 17.56  | 17.48  | 18.70                  |
| 3               | 64QAM  | 1  | 8  | 17.55  | 17.63  | 17.43  | 18.70                  |
| 3               | 64QAM  | 1  | 14 | 17.47  | 17.72  | 17.49  | 18.70                  |
| 3               | 64QAM  | 8  | 0  | 17.41  | 17.55  | 17.47  | 18.70                  |
| 3               | 64QAM  | 8  | 4  | 17.56  | 17.76  | 17.65  | 18.70                  |
| 3               | 64QAM  | 8  | 7  | 17.51  | 17.58  | 17.55  | 18.70                  |
| 3               | 64QAM  | 15 | 0  | 17.58  | 17.67  | 17.48  | 18.70                  |
| 3               | 256QAM | 1  | 0  | 17.53  | 17.69  | 17.59  | 18.70                  |
| 3               | 256QAM | 1  | 8  | 17.69  | 17.71  | 17.59  | 18.70                  |
| 3               | 256QAM | 1  | 14 | 17.63  | 17.71  | 17.51  | 18.70                  |
| 3               | 256QAM | 8  | 0  | 17.61  | 17.65  | 17.49  | 18.70                  |
| 3               | 256QAM | 8  | 4  | 17.51  | 17.72  | 17.63  | 18.70                  |
| 3               | 256QAM | 8  | 7  | 17.58  | 17.83  | 17.65  | 18.70                  |
| 3               | 256QAM | 15 | 0  | 17.58  | 17.60  | 17.59  | 18.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.82  | 17.87  | 17.82  | 18.70                  |
| 1.4             | QPSK   | 1  | 3  | 17.65  | 17.81  | 17.71  | 18.70                  |
| 1.4             | QPSK   | 1  | 5  | 17.53  | 17.63  | 17.55  | 18.70                  |
| 1.4             | QPSK   | 3  | 0  | 17.75  | 17.83  | 17.78  | 18.70                  |
| 1.4             | QPSK   | 3  | 1  | 17.47  | 17.66  | 17.63  | 18.70                  |
| 1.4             | QPSK   | 3  | 3  | 17.58  | 17.59  | 17.53  | 18.70                  |
| 1.4             | QPSK   | 6  | 0  | 17.74  | 17.70  | 17.73  | 18.70                  |
| 1.4             | 16QAM  | 1  | 0  | 17.58  | 17.63  | 17.68  | 18.70                  |
| 1.4             | 16QAM  | 1  | 3  | 17.70  | 17.73  | 17.65  | 18.70                  |
| 1.4             | 16QAM  | 1  | 5  | 17.69  | 17.64  | 17.56  | 18.70                  |
| 1.4             | 16QAM  | 3  | 0  | 17.55  | 17.68  | 17.57  | 18.70                  |
| 1.4             | 16QAM  | 3  | 1  | 17.32  | 17.53  | 17.38  | 18.70                  |
| 1.4             | 16QAM  | 3  | 3  | 17.74  | 17.74  | 17.69  | 18.70                  |
| 1.4             | 16QAM  | 6  | 0  | 17.64  | 17.72  | 17.65  | 18.70                  |
| 1.4             | 64QAM  | 1  | 0  | 17.42  | 17.61  | 17.51  | 18.70                  |
| 1.4             | 64QAM  | 1  | 3  | 17.43  | 17.69  | 17.51  | 18.70                  |
| 1.4             | 64QAM  | 1  | 5  | 17.51  | 17.69  | 17.53  | 18.70                  |
| 1.4             | 64QAM  | 3  | 0  | 17.32  | 17.50  | 17.47  | 18.70                  |
| 1.4             | 64QAM  | 3  | 1  | 17.61  | 17.77  | 17.67  | 18.70                  |
| 1.4             | 64QAM  | 3  | 3  | 17.56  | 17.64  | 17.53  | 18.70                  |
| 1.4             | 64QAM  | 6  | 0  | 17.48  | 17.59  | 17.45  | 18.70                  |
| 1.4             | 256QAM | 1  | 0  | 17.60  | 17.64  | 17.61  | 18.70                  |
| 1.4             | 256QAM | 1  | 3  | 17.65  | 17.72  | 17.58  | 18.70                  |
| 1.4             | 256QAM | 1  | 5  | 17.71  | 17.72  | 17.52  | 18.70                  |
| 1.4             | 256QAM | 3  | 0  | 17.52  | 17.74  | 17.56  | 18.70                  |
| 1.4             | 256QAM | 3  | 1  | 17.51  | 17.68  | 17.63  | 18.70                  |
| 1.4             | 256QAM | 3  | 3  | 17.66  | 17.82  | 17.58  | 18.70                  |
| 1.4             | 256QAM | 6  | 0  | 17.56  | 17.63  | 17.61  | 18.70                  |



## 【LTE Band 4\_Ant 4\_ECI3-2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.71                    | 17.78                       | 17.75                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.39                    | 17.59                       | 17.49                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.52                    | 17.65                       | 17.51                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.67                    | 17.75                       | 17.69                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.53                    | 17.72                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.44                    | 17.62                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.65                    | 17.71                       | 17.67                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.51                    | 17.63                       | 17.56                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.29                    | 17.51                       | 17.39                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.46                    | 17.59                       | 17.53                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.60                    | 17.70                       | 17.60                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.43                    | 17.55                       | 17.44                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.52                    | 17.62                       | 17.45                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.29                    | 17.44                       | 17.39                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.30                    | 17.45                       | 17.27                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.37                    | 17.49                       | 17.35                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.54                    | 17.67                       | 17.62                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.36                    | 17.53                       | 17.46                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.46                    | 17.62                       | 17.56                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.39                    | 17.55                       | 17.40                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.39                    | 17.58                       | 17.53                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.45                    | 17.63                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.42                    | 17.59                       | 17.41                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.27                    | 17.45                       | 17.30                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.46                    | 17.63                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.42                    | 17.57                       | 17.46                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.39                    | 17.56                       | 17.43                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.46                    | 17.63                       | 17.50                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.60                    | 17.65                       | 17.62                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.33                    | 17.49                       | 17.46                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.49                    | 17.63                       | 17.41                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.55                    | 17.71                       | 17.67                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.40                    | 17.64                       | 17.43                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.35                    | 17.48                       | 17.54                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.53                    | 17.58                       | 17.56                     | 19.50                  |
| 15              | 16QAM      | 1       | 0         | 17.46                    | 17.61                       | 17.50                     | 19.50                  |
| 15              | 16QAM      | 1       | 37        | 17.22                    | 17.50                       | 17.26                     | 19.50                  |
| 15              | 16QAM      | 1       | 74        | 17.34                    | 17.46                       | 17.47                     | 19.50                  |
| 15              | 16QAM      | 36      | 0         | 17.58                    | 17.58                       | 17.52                     | 19.50                  |
| 15              | 16QAM      | 36      | 20        | 17.31                    | 17.53                       | 17.34                     | 19.50                  |
| 15              | 16QAM      | 36      | 39        | 17.44                    | 17.50                       | 17.33                     | 19.50                  |
| 15              | 16QAM      | 75      | 0         | 17.24                    | 17.39                       | 17.29                     | 19.50                  |
| 15              | 64QAM      | 1       | 0         | 17.17                    | 17.43                       | 17.18                     | 19.50                  |
| 15              | 64QAM      | 1       | 37        | 17.35                    | 17.44                       | 17.24                     | 19.50                  |
| 15              | 64QAM      | 1       | 74        | 17.39                    | 17.52                       | 17.50                     | 19.50                  |
| 15              | 64QAM      | 36      | 0         | 17.34                    | 17.40                       | 17.37                     | 19.50                  |
| 15              | 64QAM      | 36      | 20        | 17.35                    | 17.54                       | 17.50                     | 19.50                  |
| 15              | 64QAM      | 36      | 39        | 17.29                    | 17.46                       | 17.36                     | 19.50                  |
| 15              | 64QAM      | 75      | 0         | 17.37                    | 17.56                       | 17.42                     | 19.50                  |
| 15              | 256QAM     | 1       | 0         | 17.38                    | 17.52                       | 17.49                     | 19.50                  |
| 15              | 256QAM     | 1       | 37        | 17.34                    | 17.52                       | 17.33                     | 19.50                  |
| 15              | 256QAM     | 1       | 74        | 17.24                    | 17.44                       | 17.25                     | 19.50                  |
| 15              | 256QAM     | 36      | 0         | 17.37                    | 17.50                       | 17.45                     | 19.50                  |
| 15              | 256QAM     | 36      | 20        | 17.39                    | 17.48                       | 17.39                     | 19.50                  |
| 15              | 256QAM     | 36      | 39        | 17.38                    | 17.52                       | 17.34                     | 19.50                  |
| 15              | 256QAM     | 75      | 0         | 17.45                    | 17.52                       | 17.48                     | 19.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.62                    | 17.66                       | 17.69                     | 19.50                  |
| 10              | QPSK       | 1       | 25        | 17.32                    | 17.44                       | 17.44                     | 19.50                  |
| 10              | QPSK       | 1       | 49        | 17.46                    | 17.58                       | 17.36                     | 19.50                  |
| 10              | QPSK       | 25      | 0         | 17.60                    | 17.71                       | 17.63                     | 19.50                  |
| 10              | QPSK       | 25      | 12        | 17.43                    | 17.58                       | 17.51                     | 19.50                  |
| 10              | QPSK       | 25      | 25        | 17.39                    | 17.57                       | 17.49                     | 19.50                  |
| 10              | QPSK       | 50      | 0         | 17.52                    | 17.64                       | 17.58                     | 19.50                  |
| 10              | 16QAM      | 1       | 0         | 17.41                    | 17.49                       | 17.42                     | 19.50                  |
| 10              | 16QAM      | 1       | 25        | 17.19                    | 17.36                       | 17.25                     | 19.50                  |
| 10              | 16QAM      | 1       | 49        | 17.40                    | 17.57                       | 17.49                     | 19.50                  |
| 10              | 16QAM      | 25      | 0         | 17.58                    | 17.58                       | 17.51                     | 19.50                  |



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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.34  | 17.50  | 17.38  | 19.50                  |
| 10              | 16QAM  | 25 | 25 | 17.46  | 17.50  | 17.42  | 19.50                  |
| 10              | 16QAM  | 50 | 0  | 17.28  | 17.38  | 17.31  | 19.50                  |
| 10              | 64QAM  | 1  | 0  | 17.17  | 17.35  | 17.13  | 19.50                  |
| 10              | 64QAM  | 1  | 25 | 17.33  | 17.45  | 17.21  | 19.50                  |
| 10              | 64QAM  | 1  | 49 | 17.51  | 17.54  | 17.58  | 19.50                  |
| 10              | 64QAM  | 25 | 0  | 17.31  | 17.39  | 17.32  | 19.50                  |
| 10              | 64QAM  | 25 | 12 | 17.33  | 17.54  | 17.50  | 19.50                  |
| 10              | 64QAM  | 25 | 25 | 17.27  | 17.49  | 17.37  | 19.50                  |
| 10              | 64QAM  | 50 | 0  | 17.29  | 17.52  | 17.42  | 19.50                  |
| 10              | 256QAM | 1  | 0  | 17.39  | 17.49  | 17.47  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 17.39  | 17.47  | 17.32  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 17.18  | 17.37  | 17.21  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 17.34  | 17.48  | 17.43  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 17.39  | 17.45  | 17.39  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 17.29  | 17.54  | 17.30  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 17.37  | 17.54  | 17.40  | 19.50                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.65  | 17.77  | 17.74  | 19.50                  |
| 5               | QPSK   | 1  | 12 | 17.26  | 17.45  | 17.36  | 19.50                  |
| 5               | QPSK   | 1  | 24 | 17.45  | 17.58  | 17.45  | 19.50                  |
| 5               | QPSK   | 12 | 0  | 17.55  | 17.66  | 17.65  | 19.50                  |
| 5               | QPSK   | 12 | 7  | 17.50  | 17.66  | 17.44  | 19.50                  |
| 5               | QPSK   | 12 | 13 | 17.38  | 17.53  | 17.53  | 19.50                  |
| 5               | QPSK   | 25 | 0  | 17.63  | 17.61  | 17.53  | 19.50                  |
| 5               | 16QAM  | 1  | 0  | 17.39  | 17.54  | 17.46  | 19.50                  |
| 5               | 16QAM  | 1  | 12 | 17.28  | 17.39  | 17.24  | 19.50                  |
| 5               | 16QAM  | 1  | 24 | 17.37  | 17.45  | 17.50  | 19.50                  |
| 5               | 16QAM  | 12 | 0  | 17.53  | 17.64  | 17.47  | 19.50                  |
| 5               | 16QAM  | 12 | 7  | 17.36  | 17.50  | 17.30  | 19.50                  |
| 5               | 16QAM  | 12 | 13 | 17.40  | 17.57  | 17.44  | 19.50                  |
| 5               | 16QAM  | 25 | 0  | 17.16  | 17.38  | 17.31  | 19.50                  |
| 5               | 64QAM  | 1  | 0  | 17.19  | 17.31  | 17.21  | 19.50                  |
| 5               | 64QAM  | 1  | 12 | 17.36  | 17.38  | 17.26  | 19.50                  |
| 5               | 64QAM  | 1  | 24 | 17.49  | 17.63  | 17.52  | 19.50                  |
| 5               | 64QAM  | 12 | 0  | 17.29  | 17.41  | 17.43  | 19.50                  |
| 5               | 64QAM  | 12 | 7  | 17.41  | 17.50  | 17.50  | 19.50                  |
| 5               | 64QAM  | 12 | 13 | 17.31  | 17.49  | 17.31  | 19.50                  |
| 5               | 64QAM  | 25 | 0  | 17.37  | 17.55  | 17.40  | 19.50                  |
| 5               | 256QAM | 1  | 0  | 17.44  | 17.61  | 17.48  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 17.39  | 17.48  | 17.28  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 17.14  | 17.44  | 17.20  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 17.45  | 17.56  | 17.50  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 17.36  | 17.54  | 17.39  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.37  | 17.55  | 17.37  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.32  | 17.53  | 17.38  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.59  | 17.65  | 17.69  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.25  | 17.51  | 17.40  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.50  | 17.60  | 17.46  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 17.54  | 17.70  | 17.64  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.50  | 17.62  | 17.47  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.30  | 17.57  | 17.43  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.50  | 17.68  | 17.61  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 17.50  | 17.58  | 17.49  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 17.23  | 17.48  | 17.33  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.42  | 17.55  | 17.38  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.55  | 17.69  | 17.53  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.36  | 17.45  | 17.35  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.44  | 17.52  | 17.31  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.14  | 17.33  | 17.25  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.23  | 17.31  | 17.14  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 17.35  | 17.40  | 17.28  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 17.42  | 17.55  | 17.55  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 17.28  | 17.47  | 17.39  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 17.39  | 17.50  | 17.50  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 17.27  | 17.49  | 17.34  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 17.25  | 17.57  | 17.41  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.34  | 17.56  | 17.48  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.38  | 17.52  | 17.36  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.24  | 17.32  | 17.28  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.34  | 17.58  | 17.43  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.28  | 17.53  | 17.38  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.27  | 17.52  | 17.35  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.43  | 17.50  | 17.47  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |

| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.70  | 17.76  | 17.72  | 19.50 |
| 1.4             | QPSK   | 1 | 3 | 17.37  | 17.56  | 17.45  | 19.50 |
| 1.4             | QPSK   | 1 | 5 | 17.39  | 17.58  | 17.47  | 19.50 |
| 1.4             | QPSK   | 3 | 0 | 17.60  | 17.63  | 17.62  | 19.50 |
| 1.4             | QPSK   | 3 | 1 | 17.41  | 17.60  | 17.54  | 19.50 |
| 1.4             | QPSK   | 3 | 3 | 17.41  | 17.55  | 17.41  | 19.50 |
| 1.4             | QPSK   | 6 | 0 | 17.54  | 17.68  | 17.56  | 19.50 |
| 1.4             | 16QAM  | 1 | 0 | 17.39  | 17.52  | 17.55  | 19.50 |
| 1.4             | 16QAM  | 1 | 3 | 17.25  | 17.37  | 17.37  | 19.50 |
| 1.4             | 16QAM  | 1 | 5 | 17.38  | 17.47  | 17.50  | 19.50 |
| 1.4             | 16QAM  | 3 | 0 | 17.46  | 17.67  | 17.56  | 19.50 |
| 1.4             | 16QAM  | 3 | 1 | 17.38  | 17.53  | 17.32  | 19.50 |
| 1.4             | 16QAM  | 3 | 3 | 17.39  | 17.51  | 17.32  | 19.50 |
| 1.4             | 16QAM  | 6 | 0 | 17.22  | 17.42  | 17.37  | 19.50 |
| 1.4             | 64QAM  | 1 | 0 | 17.25  | 17.39  | 17.14  | 19.50 |
| 1.4             | 64QAM  | 1 | 3 | 17.30  | 17.38  | 17.29  | 19.50 |
| 1.4             | 64QAM  | 1 | 5 | 17.49  | 17.59  | 17.56  | 19.50 |
| 1.4             | 64QAM  | 3 | 0 | 17.32  | 17.50  | 17.37  | 19.50 |
| 1.4             | 64QAM  | 3 | 1 | 17.42  | 17.61  | 17.54  | 19.50 |
| 1.4             | 64QAM  | 3 | 3 | 17.37  | 17.50  | 17.30  | 19.50 |
| 1.4             | 64QAM  | 6 | 0 | 17.34  | 17.45  | 17.44  | 19.50 |
| 1.4             | 256QAM | 1 | 0 | 17.32  | 17.60  | 17.44  | 19.50 |
| 1.4             | 256QAM | 1 | 3 | 17.36  | 17.45  | 17.38  | 19.50 |
| 1.4             | 256QAM | 1 | 5 | 17.13  | 17.31  | 17.27  | 19.50 |
| 1.4             | 256QAM | 3 | 0 | 17.38  | 17.48  | 17.48  | 19.50 |
| 1.4             | 256QAM | 3 | 1 | 17.34  | 17.47  | 17.39  | 19.50 |
| 1.4             | 256QAM | 3 | 3 | 17.24  | 17.45  | 17.29  | 19.50 |
| 1.4             | 256QAM | 6 | 0 | 17.39  | 17.59  | 17.40  | 19.50 |

**【LTE Band 4\_Ant 4\_ECI4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 18.06                    | 18.12                       | 18.08                     | 19.20                  |
| 20              | QPSK       | 1       | 49        | 17.90                    | 18.05                       | 17.90                     | 19.20                  |
| 20              | QPSK       | 1       | 99        | 17.78                    | 17.94                       | 17.87                     | 19.20                  |
| 20              | QPSK       | 50      | 0         | 18.01                    | 18.09                       | 18.03                     | 19.20                  |
| 20              | QPSK       | 50      | 24        | 17.96                    | 18.06                       | 18.01                     | 19.20                  |
| 20              | QPSK       | 50      | 50        | 17.89                    | 18.03                       | 17.86                     | 19.20                  |
| 20              | QPSK       | 100     | 0         | 17.77                    | 17.95                       | 17.80                     | 19.20                  |
| 20              | 16QAM      | 1       | 0         | 17.91                    | 18.04                       | 17.95                     | 19.20                  |
| 20              | 16QAM      | 1       | 49        | 17.92                    | 18.04                       | 17.93                     | 19.20                  |
| 20              | 16QAM      | 1       | 99        | 17.96                    | 18.03                       | 17.91                     | 19.20                  |
| 20              | 16QAM      | 50      | 0         | 17.93                    | 18.05                       | 17.92                     | 19.20                  |
| 20              | 16QAM      | 50      | 24        | 17.90                    | 18.04                       | 17.97                     | 19.20                  |
| 20              | 16QAM      | 50      | 50        | 17.98                    | 18.07                       | 17.96                     | 19.20                  |
| 20              | 16QAM      | 100     | 0         | 17.84                    | 18.04                       | 17.92                     | 19.20                  |
| 20              | 64QAM      | 1       | 0         | 17.81                    | 17.99                       | 17.87                     | 19.20                  |
| 20              | 64QAM      | 1       | 49        | 17.87                    | 17.94                       | 17.87                     | 19.20                  |
| 20              | 64QAM      | 1       | 99        | 17.88                    | 17.97                       | 17.89                     | 19.20                  |
| 20              | 64QAM      | 50      | 0         | 17.83                    | 17.94                       | 17.80                     | 19.20                  |
| 20              | 64QAM      | 50      | 24        | 17.79                    | 17.94                       | 17.89                     | 19.20                  |
| 20              | 64QAM      | 50      | 50        | 17.90                    | 18.07                       | 17.98                     | 19.20                  |
| 20              | 64QAM      | 100     | 0         | 17.92                    | 18.05                       | 17.99                     | 19.20                  |
| 20              | 256QAM     | 1       | 0         | 17.79                    | 17.99                       | 17.83                     | 19.20                  |
| 20              | 256QAM     | 1       | 49        | 17.84                    | 17.99                       | 17.91                     | 19.20                  |
| 20              | 256QAM     | 1       | 99        | 17.89                    | 18.01                       | 17.89                     | 19.20                  |
| 20              | 256QAM     | 50      | 0         | 17.95                    | 18.12                       | 18.06                     | 19.20                  |
| 20              | 256QAM     | 50      | 24        | 17.91                    | 18.05                       | 17.99                     | 19.20                  |
| 20              | 256QAM     | 50      | 50        | 17.84                    | 17.94                       | 17.77                     | 19.20                  |
| 20              | 256QAM     | 100     | 0         | 17.96                    | 18.05                       | 17.93                     | 19.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.98                    | 18.01                       | 18.07                     | 19.20                  |
| 15              | QPSK       | 1       | 37        | 17.78                    | 18.04                       | 17.80                     | 19.20                  |
| 15              | QPSK       | 1       | 74        | 17.71                    | 17.84                       | 17.81                     | 19.20                  |
| 15              | QPSK       | 36      | 0         | 17.98                    | 18.07                       | 18.02                     | 19.20                  |
| 15              | QPSK       | 36      | 20        | 17.85                    | 17.93                       | 17.89                     | 19.20                  |
| 15              | QPSK       | 36      | 39        | 17.78                    | 17.89                       | 17.72                     | 19.20                  |
| 15              | QPSK       | 75      | 0         | 17.71                    | 17.91                       | 17.76                     | 19.20                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.84  | 18.01  | 17.88  | 19.20         |
| 15              | 16QAM  | 1  | 37 | 17.89  | 17.96  | 17.90  | 19.20         |
| 15              | 16QAM  | 1  | 74 | 17.84  | 17.97  | 17.84  | 19.20         |
| 15              | 16QAM  | 36 | 0  | 17.80  | 17.93  | 17.90  | 19.20         |
| 15              | 16QAM  | 36 | 20 | 17.82  | 17.92  | 17.95  | 19.20         |
| 15              | 16QAM  | 36 | 39 | 17.88  | 17.96  | 17.82  | 19.20         |
| 15              | 16QAM  | 75 | 0  | 17.79  | 18.00  | 17.91  | 19.20         |
| 15              | 64QAM  | 1  | 0  | 17.79  | 17.86  | 17.82  | 19.20         |
| 15              | 64QAM  | 1  | 37 | 17.77  | 17.84  | 17.84  | 19.20         |
| 15              | 64QAM  | 1  | 74 | 17.84  | 17.96  | 17.83  | 19.20         |
| 15              | 64QAM  | 36 | 0  | 17.71  | 17.90  | 17.71  | 19.20         |
| 15              | 64QAM  | 36 | 20 | 17.64  | 17.84  | 17.77  | 19.20         |
| 15              | 64QAM  | 36 | 39 | 17.89  | 17.98  | 17.93  | 19.20         |
| 15              | 64QAM  | 75 | 0  | 17.82  | 18.03  | 17.93  | 19.20         |
| 15              | 256QAM | 1  | 0  | 17.65  | 17.97  | 17.79  | 19.20         |
| 15              | 256QAM | 1  | 37 | 17.82  | 17.87  | 17.78  | 19.20         |
| 15              | 256QAM | 1  | 74 | 17.79  | 17.94  | 17.82  | 19.20         |
| 15              | 256QAM | 36 | 0  | 17.92  | 18.02  | 17.93  | 19.20         |
| 15              | 256QAM | 36 | 20 | 17.77  | 17.95  | 17.96  | 19.20         |
| 15              | 256QAM | 36 | 39 | 17.70  | 17.85  | 17.70  | 19.20         |
| 15              | 256QAM | 75 | 0  | 17.83  | 18.03  | 17.85  | 19.20         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.96  | 17.99  | 17.97  | 19.20         |
| 10              | QPSK   | 1  | 25 | 17.83  | 18.03  | 17.78  | 19.20         |
| 10              | QPSK   | 1  | 49 | 17.73  | 17.81  | 17.76  | 19.20         |
| 10              | QPSK   | 25 | 0  | 17.95  | 17.95  | 17.95  | 19.20         |
| 10              | QPSK   | 25 | 12 | 17.87  | 17.95  | 17.89  | 19.20         |
| 10              | QPSK   | 25 | 25 | 17.76  | 17.89  | 17.77  | 19.20         |
| 10              | QPSK   | 50 | 0  | 17.65  | 17.86  | 17.78  | 19.20         |
| 10              | 16QAM  | 1  | 0  | 17.85  | 17.95  | 17.86  | 19.20         |
| 10              | 16QAM  | 1  | 25 | 17.88  | 17.96  | 17.81  | 19.20         |
| 10              | 16QAM  | 1  | 49 | 17.91  | 17.91  | 17.78  | 19.20         |
| 10              | 16QAM  | 25 | 0  | 17.84  | 18.01  | 17.91  | 19.20         |
| 10              | 16QAM  | 25 | 12 | 17.83  | 18.02  | 17.93  | 19.20         |
| 10              | 16QAM  | 25 | 25 | 17.86  | 18.00  | 17.85  | 19.20         |
| 10              | 16QAM  | 50 | 0  | 17.83  | 18.02  | 17.81  | 19.20         |
| 10              | 64QAM  | 1  | 0  | 17.76  | 17.85  | 17.85  | 19.20         |
| 10              | 64QAM  | 1  | 25 | 17.80  | 17.91  | 17.75  | 19.20         |
| 10              | 64QAM  | 1  | 49 | 17.83  | 17.90  | 17.82  | 19.20         |
| 10              | 64QAM  | 25 | 0  | 17.80  | 17.90  | 17.72  | 19.20         |
| 10              | 64QAM  | 25 | 12 | 17.70  | 17.88  | 17.82  | 19.20         |
| 10              | 64QAM  | 25 | 25 | 17.76  | 18.02  | 17.85  | 19.20         |
| 10              | 64QAM  | 50 | 0  | 17.87  | 18.03  | 17.85  | 19.20         |
| 10              | 256QAM | 1  | 0  | 17.73  | 17.84  | 17.76  | 19.20         |
| 10              | 256QAM | 1  | 25 | 17.81  | 17.88  | 17.79  | 19.20         |
| 10              | 256QAM | 1  | 49 | 17.80  | 17.89  | 17.81  | 19.20         |
| 10              | 256QAM | 25 | 0  | 17.92  | 18.01  | 18.02  | 19.20         |
| 10              | 256QAM | 25 | 12 | 17.84  | 17.91  | 17.91  | 19.20         |
| 10              | 256QAM | 25 | 25 | 17.80  | 17.83  | 17.62  | 19.20         |
| 10              | 256QAM | 50 | 0  | 17.94  | 17.97  | 17.90  | 19.20         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.98  | 18.11  | 17.99  | 19.20         |
| 5               | QPSK   | 1  | 12 | 17.76  | 17.94  | 17.84  | 19.20         |
| 5               | QPSK   | 1  | 24 | 17.76  | 17.88  | 17.75  | 19.20         |
| 5               | QPSK   | 12 | 0  | 17.86  | 17.98  | 18.00  | 19.20         |
| 5               | QPSK   | 12 | 7  | 17.87  | 18.04  | 18.00  | 19.20         |
| 5               | QPSK   | 12 | 13 | 17.82  | 17.93  | 17.73  | 19.20         |
| 5               | QPSK   | 25 | 0  | 17.74  | 17.82  | 17.78  | 19.20         |
| 5               | 16QAM  | 1  | 0  | 17.77  | 17.93  | 17.94  | 19.20         |
| 5               | 16QAM  | 1  | 12 | 17.82  | 17.93  | 17.91  | 19.20         |
| 5               | 16QAM  | 1  | 24 | 17.86  | 17.97  | 17.81  | 19.20         |
| 5               | 16QAM  | 12 | 0  | 17.91  | 17.95  | 17.80  | 19.20         |
| 5               | 16QAM  | 12 | 7  | 17.81  | 17.91  | 17.95  | 19.20         |
| 5               | 16QAM  | 12 | 13 | 17.96  | 18.01  | 17.86  | 19.20         |
| 5               | 16QAM  | 25 | 0  | 17.71  | 18.01  | 17.79  | 19.20         |
| 5               | 64QAM  | 1  | 0  | 17.75  | 17.88  | 17.81  | 19.20         |
| 5               | 64QAM  | 1  | 12 | 17.83  | 17.81  | 17.83  | 19.20         |
| 5               | 64QAM  | 1  | 24 | 17.86  | 17.85  | 17.83  | 19.20         |
| 5               | 64QAM  | 12 | 0  | 17.81  | 17.87  | 17.65  | 19.20         |
| 5               | 64QAM  | 12 | 7  | 17.74  | 17.85  | 17.83  | 19.20         |
| 5               | 64QAM  | 12 | 13 | 17.87  | 17.95  | 17.84  | 19.20         |
| 5               | 64QAM  | 25 | 0  | 17.81  | 18.01  | 17.95  | 19.20         |
| 5               | 256QAM | 1  | 0  | 17.68  | 17.87  | 17.69  | 19.20         |
| 5               | 256QAM | 1  | 12 | 17.78  | 17.91  | 17.84  | 19.20         |
| 5               | 256QAM | 1  | 24 | 17.83  | 17.94  | 17.77  | 19.20         |
| 5               | 256QAM | 12 | 0  | 17.86  | 17.99  | 18.03  | 19.20         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.84  | 17.96  | 17.90  | 19.20                  |
| 5               | 256QAM | 12 | 13 | 17.74  | 17.84  | 17.65  | 19.20                  |
| 5               | 256QAM | 25 | 0  | 17.86  | 17.92  | 17.91  | 19.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.95  | 17.98  | 18.00  | 19.20                  |
| 3               | QPSK   | 1  | 8  | 17.76  | 17.99  | 17.78  | 19.20                  |
| 3               | QPSK   | 1  | 14 | 17.71  | 17.86  | 17.79  | 19.20                  |
| 3               | QPSK   | 8  | 0  | 17.99  | 17.98  | 17.96  | 19.20                  |
| 3               | QPSK   | 8  | 4  | 17.86  | 17.94  | 17.90  | 19.20                  |
| 3               | QPSK   | 8  | 7  | 17.80  | 17.91  | 17.81  | 19.20                  |
| 3               | QPSK   | 15 | 0  | 17.70  | 17.87  | 17.75  | 19.20                  |
| 3               | 16QAM  | 1  | 0  | 17.78  | 17.98  | 17.87  | 19.20                  |
| 3               | 16QAM  | 1  | 8  | 17.80  | 17.99  | 17.82  | 19.20                  |
| 3               | 16QAM  | 1  | 14 | 17.82  | 18.01  | 17.77  | 19.20                  |
| 3               | 16QAM  | 8  | 0  | 17.91  | 18.03  | 17.82  | 19.20                  |
| 3               | 16QAM  | 8  | 4  | 17.82  | 17.99  | 17.91  | 19.20                  |
| 3               | 16QAM  | 8  | 7  | 17.88  | 17.94  | 17.94  | 19.20                  |
| 3               | 16QAM  | 15 | 0  | 17.76  | 17.98  | 17.78  | 19.20                  |
| 3               | 64QAM  | 1  | 0  | 17.78  | 17.86  | 17.79  | 19.20                  |
| 3               | 64QAM  | 1  | 8  | 17.86  | 17.86  | 17.85  | 19.20                  |
| 3               | 64QAM  | 1  | 14 | 17.80  | 17.84  | 17.85  | 19.20                  |
| 3               | 64QAM  | 8  | 0  | 17.74  | 17.80  | 17.76  | 19.20                  |
| 3               | 64QAM  | 8  | 4  | 17.69  | 17.93  | 17.74  | 19.20                  |
| 3               | 64QAM  | 8  | 7  | 17.88  | 18.03  | 17.87  | 19.20                  |
| 3               | 64QAM  | 15 | 0  | 17.83  | 17.93  | 17.92  | 19.20                  |
| 3               | 256QAM | 1  | 0  | 17.74  | 17.93  | 17.73  | 19.20                  |
| 3               | 256QAM | 1  | 8  | 17.74  | 17.92  | 17.81  | 19.20                  |
| 3               | 256QAM | 1  | 14 | 17.87  | 17.93  | 17.74  | 19.20                  |
| 3               | 256QAM | 8  | 0  | 17.83  | 18.09  | 17.94  | 19.20                  |
| 3               | 256QAM | 8  | 4  | 17.80  | 17.90  | 17.98  | 19.20                  |
| 3               | 256QAM | 8  | 7  | 17.77  | 17.93  | 17.73  | 19.20                  |
| 3               | 256QAM | 15 | 0  | 17.93  | 17.92  | 17.89  | 19.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 18.02  | 18.06  | 18.07  | 19.20                  |
| 1.4             | QPSK   | 1  | 3  | 17.82  | 17.96  | 17.80  | 19.20                  |
| 1.4             | QPSK   | 1  | 5  | 17.66  | 17.87  | 17.79  | 19.20                  |
| 1.4             | QPSK   | 3  | 0  | 18.00  | 17.97  | 17.94  | 19.20                  |
| 1.4             | QPSK   | 3  | 1  | 17.92  | 17.99  | 17.93  | 19.20                  |
| 1.4             | QPSK   | 3  | 3  | 17.86  | 17.96  | 17.72  | 19.20                  |
| 1.4             | QPSK   | 6  | 0  | 17.68  | 17.93  | 17.65  | 19.20                  |
| 1.4             | 16QAM  | 1  | 0  | 17.79  | 17.90  | 17.93  | 19.20                  |
| 1.4             | 16QAM  | 1  | 3  | 17.82  | 17.97  | 17.83  | 19.20                  |
| 1.4             | 16QAM  | 1  | 5  | 17.84  | 17.91  | 17.84  | 19.20                  |
| 1.4             | 16QAM  | 3  | 0  | 17.92  | 17.96  | 17.84  | 19.20                  |
| 1.4             | 16QAM  | 3  | 1  | 17.86  | 18.02  | 17.85  | 19.20                  |
| 1.4             | 16QAM  | 3  | 3  | 17.96  | 17.97  | 17.86  | 19.20                  |
| 1.4             | 16QAM  | 6  | 0  | 17.78  | 17.92  | 17.82  | 19.20                  |
| 1.4             | 64QAM  | 1  | 0  | 17.70  | 17.93  | 17.73  | 19.20                  |
| 1.4             | 64QAM  | 1  | 3  | 17.75  | 17.79  | 17.84  | 19.20                  |
| 1.4             | 64QAM  | 1  | 5  | 17.81  | 17.84  | 17.74  | 19.20                  |
| 1.4             | 64QAM  | 3  | 0  | 17.82  | 17.88  | 17.75  | 19.20                  |
| 1.4             | 64QAM  | 3  | 1  | 17.66  | 17.92  | 17.75  | 19.20                  |
| 1.4             | 64QAM  | 3  | 3  | 17.76  | 18.00  | 17.85  | 19.20                  |
| 1.4             | 64QAM  | 6  | 0  | 17.90  | 17.95  | 17.85  | 19.20                  |
| 1.4             | 256QAM | 1  | 0  | 17.66  | 17.90  | 17.79  | 19.20                  |
| 1.4             | 256QAM | 1  | 3  | 17.77  | 17.87  | 17.78  | 19.20                  |
| 1.4             | 256QAM | 1  | 5  | 17.85  | 17.99  | 17.80  | 19.20                  |
| 1.4             | 256QAM | 3  | 0  | 17.86  | 17.99  | 17.93  | 19.20                  |
| 1.4             | 256QAM | 3  | 1  | 17.86  | 17.92  | 17.96  | 19.20                  |
| 1.4             | 256QAM | 3  | 3  | 17.78  | 17.86  | 17.73  | 19.20                  |
| 1.4             | 256QAM | 6  | 0  | 17.90  | 17.92  | 17.90  | 19.20                  |



## 【LTE Band 4\_Ant 4\_ECI4-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.93                    | 17.96                       | 17.91                     | 18.70                  |
| 20              | QPSK       | 1       | 49        | 17.77                    | 17.94                       | 17.74                     | 18.70                  |
| 20              | QPSK       | 1       | 99        | 17.60                    | 17.77                       | 17.70                     | 18.70                  |
| 20              | QPSK       | 50      | 0         | 17.85                    | 17.89                       | 17.87                     | 18.70                  |
| 20              | QPSK       | 50      | 24        | 17.59                    | 17.72                       | 17.65                     | 18.70                  |
| 20              | QPSK       | 50      | 50        | 17.62                    | 17.72                       | 17.65                     | 18.70                  |
| 20              | QPSK       | 100     | 0         | 17.84                    | 17.88                       | 17.86                     | 18.70                  |
| 20              | 16QAM      | 1       | 0         | 17.69                    | 17.78                       | 17.72                     | 18.70                  |
| 20              | 16QAM      | 1       | 49        | 17.76                    | 17.85                       | 17.73                     | 18.70                  |
| 20              | 16QAM      | 1       | 99        | 17.70                    | 17.76                       | 17.60                     | 18.70                  |
| 20              | 16QAM      | 50      | 0         | 17.59                    | 17.73                       | 17.59                     | 18.70                  |
| 20              | 16QAM      | 50      | 24        | 17.46                    | 17.62                       | 17.43                     | 18.70                  |
| 20              | 16QAM      | 50      | 50        | 17.78                    | 17.87                       | 17.78                     | 18.70                  |
| 20              | 16QAM      | 100     | 0         | 17.67                    | 17.77                       | 17.66                     | 18.70                  |
| 20              | 64QAM      | 1       | 0         | 17.56                    | 17.66                       | 17.55                     | 18.70                  |
| 20              | 64QAM      | 1       | 49        | 17.57                    | 17.75                       | 17.56                     | 18.70                  |
| 20              | 64QAM      | 1       | 99        | 17.60                    | 17.73                       | 17.61                     | 18.70                  |
| 20              | 64QAM      | 50      | 0         | 17.44                    | 17.61                       | 17.55                     | 18.70                  |
| 20              | 64QAM      | 50      | 24        | 17.67                    | 17.84                       | 17.70                     | 18.70                  |
| 20              | 64QAM      | 50      | 50        | 17.64                    | 17.68                       | 17.57                     | 18.70                  |
| 20              | 64QAM      | 100     | 0         | 17.60                    | 17.69                       | 17.57                     | 18.70                  |
| 20              | 256QAM     | 1       | 0         | 17.66                    | 17.78                       | 17.66                     | 18.70                  |
| 20              | 256QAM     | 1       | 49        | 17.78                    | 17.84                       | 17.72                     | 18.70                  |
| 20              | 256QAM     | 1       | 99        | 17.73                    | 17.81                       | 17.64                     | 18.70                  |
| 20              | 256QAM     | 50      | 0         | 17.63                    | 17.77                       | 17.62                     | 18.70                  |
| 20              | 256QAM     | 50      | 24        | 17.62                    | 17.74                       | 17.68                     | 18.70                  |
| 20              | 256QAM     | 50      | 50        | 17.70                    | 17.87                       | 17.68                     | 18.70                  |
| 20              | 256QAM     | 100     | 0         | 17.65                    | 17.73                       | 17.65                     | 18.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.81                    | 17.87                       | 17.84                     | 18.70                  |
| 15              | QPSK       | 1       | 37        | 17.74                    | 17.85                       | 17.65                     | 18.70                  |
| 15              | QPSK       | 1       | 74        | 17.52                    | 17.66                       | 17.66                     | 18.70                  |
| 15              | QPSK       | 36      | 0         | 17.70                    | 17.79                       | 17.72                     | 18.70                  |
| 15              | QPSK       | 36      | 20        | 17.46                    | 17.70                       | 17.54                     | 18.70                  |
| 15              | QPSK       | 36      | 39        | 17.61                    | 17.58                       | 17.58                     | 18.70                  |
| 15              | QPSK       | 75      | 0         | 17.73                    | 17.78                       | 17.72                     | 18.70                  |
| 15              | 16QAM      | 1       | 0         | 17.66                    | 17.73                       | 17.59                     | 18.70                  |
| 15              | 16QAM      | 1       | 37        | 17.70                    | 17.74                       | 17.59                     | 18.70                  |
| 15              | 16QAM      | 1       | 74        | 17.57                    | 17.71                       | 17.58                     | 18.70                  |
| 15              | 16QAM      | 36      | 0         | 17.56                    | 17.59                       | 17.49                     | 18.70                  |
| 15              | 16QAM      | 36      | 20        | 17.32                    | 17.60                       | 17.32                     | 18.70                  |
| 15              | 16QAM      | 36      | 39        | 17.72                    | 17.80                       | 17.73                     | 18.70                  |
| 15              | 16QAM      | 75      | 0         | 17.57                    | 17.66                       | 17.59                     | 18.70                  |
| 15              | 64QAM      | 1       | 0         | 17.50                    | 17.55                       | 17.50                     | 18.70                  |
| 15              | 64QAM      | 1       | 37        | 17.43                    | 17.67                       | 17.45                     | 18.70                  |
| 15              | 64QAM      | 1       | 74        | 17.52                    | 17.65                       | 17.46                     | 18.70                  |
| 15              | 64QAM      | 36      | 0         | 17.36                    | 17.50                       | 17.52                     | 18.70                  |
| 15              | 64QAM      | 36      | 20        | 17.59                    | 17.71                       | 17.59                     | 18.70                  |
| 15              | 64QAM      | 36      | 39        | 17.49                    | 17.54                       | 17.45                     | 18.70                  |
| 15              | 64QAM      | 75      | 0         | 17.47                    | 17.62                       | 17.43                     | 18.70                  |
| 15              | 256QAM     | 1       | 0         | 17.54                    | 17.63                       | 17.60                     | 18.70                  |
| 15              | 256QAM     | 1       | 37        | 17.66                    | 17.80                       | 17.57                     | 18.70                  |
| 15              | 256QAM     | 1       | 74        | 17.69                    | 17.73                       | 17.50                     | 18.70                  |
| 15              | 256QAM     | 36      | 0         | 17.50                    | 17.65                       | 17.58                     | 18.70                  |
| 15              | 256QAM     | 36      | 20        | 17.51                    | 17.69                       | 17.54                     | 18.70                  |
| 15              | 256QAM     | 36      | 39        | 17.66                    | 17.75                       | 17.63                     | 18.70                  |
| 15              | 256QAM     | 75      | 0         | 17.63                    | 17.64                       | 17.61                     | 18.70                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.79                    | 17.92                       | 17.79                     | 18.70                  |
| 10              | QPSK       | 1       | 25        | 17.69                    | 17.82                       | 17.63                     | 18.70                  |
| 10              | QPSK       | 1       | 49        | 17.51                    | 17.69                       | 17.63                     | 18.70                  |
| 10              | QPSK       | 25      | 0         | 17.80                    | 17.84                       | 17.79                     | 18.70                  |
| 10              | QPSK       | 25      | 12        | 17.49                    | 17.67                       | 17.53                     | 18.70                  |
| 10              | QPSK       | 25      | 25        | 17.58                    | 17.65                       | 17.54                     | 18.70                  |
| 10              | QPSK       | 50      | 0         | 17.76                    | 17.68                       | 17.62                     | 18.70                  |
| 10              | 16QAM      | 1       | 0         | 17.59                    | 17.67                       | 17.66                     | 18.70                  |
| 10              | 16QAM      | 1       | 25        | 17.68                    | 17.84                       | 17.70                     | 18.70                  |
| 10              | 16QAM      | 1       | 49        | 17.61                    | 17.65                       | 17.53                     | 18.70                  |
| 10              | 16QAM      | 25      | 0         | 17.45                    | 17.65                       | 17.54                     | 18.70                  |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.35  | 17.59  | 17.33  | 18.70                  |
| 10              | 16QAM  | 25 | 25 | 17.63  | 17.75  | 17.71  | 18.70                  |
| 10              | 16QAM  | 50 | 0  | 17.59  | 17.68  | 17.60  | 18.70                  |
| 10              | 64QAM  | 1  | 0  | 17.41  | 17.62  | 17.54  | 18.70                  |
| 10              | 64QAM  | 1  | 25 | 17.54  | 17.72  | 17.45  | 18.70                  |
| 10              | 64QAM  | 1  | 49 | 17.47  | 17.68  | 17.46  | 18.70                  |
| 10              | 64QAM  | 25 | 0  | 17.31  | 17.56  | 17.48  | 18.70                  |
| 10              | 64QAM  | 25 | 12 | 17.63  | 17.78  | 17.64  | 18.70                  |
| 10              | 64QAM  | 25 | 25 | 17.50  | 17.58  | 17.46  | 18.70                  |
| 10              | 64QAM  | 50 | 0  | 17.54  | 17.63  | 17.49  | 18.70                  |
| 10              | 256QAM | 1  | 0  | 17.61  | 17.67  | 17.57  | 18.70                  |
| 10              | 256QAM | 1  | 25 | 17.77  | 17.80  | 17.67  | 18.70                  |
| 10              | 256QAM | 1  | 49 | 17.60  | 17.80  | 17.56  | 18.70                  |
| 10              | 256QAM | 25 | 0  | 17.55  | 17.75  | 17.48  | 18.70                  |
| 10              | 256QAM | 25 | 12 | 17.57  | 17.66  | 17.63  | 18.70                  |
| 10              | 256QAM | 25 | 25 | 17.65  | 17.86  | 17.66  | 18.70                  |
| 10              | 256QAM | 50 | 0  | 17.56  | 17.58  | 17.56  | 18.70                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.91  | 17.84  | 17.82  | 18.70                  |
| 5               | QPSK   | 1  | 12 | 17.66  | 17.84  | 17.72  | 18.70                  |
| 5               | QPSK   | 1  | 24 | 17.50  | 17.65  | 17.69  | 18.70                  |
| 5               | QPSK   | 12 | 0  | 17.74  | 17.83  | 17.77  | 18.70                  |
| 5               | QPSK   | 12 | 7  | 17.52  | 17.57  | 17.57  | 18.70                  |
| 5               | QPSK   | 12 | 13 | 17.49  | 17.61  | 17.58  | 18.70                  |
| 5               | QPSK   | 25 | 0  | 17.78  | 17.80  | 17.70  | 18.70                  |
| 5               | 16QAM  | 1  | 0  | 17.59  | 17.64  | 17.64  | 18.70                  |
| 5               | 16QAM  | 1  | 12 | 17.66  | 17.80  | 17.72  | 18.70                  |
| 5               | 16QAM  | 1  | 24 | 17.63  | 17.62  | 17.52  | 18.70                  |
| 5               | 16QAM  | 12 | 0  | 17.50  | 17.61  | 17.49  | 18.70                  |
| 5               | 16QAM  | 12 | 7  | 17.42  | 17.49  | 17.32  | 18.70                  |
| 5               | 16QAM  | 12 | 13 | 17.68  | 17.81  | 17.73  | 18.70                  |
| 5               | 16QAM  | 25 | 0  | 17.58  | 17.71  | 17.62  | 18.70                  |
| 5               | 64QAM  | 1  | 0  | 17.42  | 17.62  | 17.48  | 18.70                  |
| 5               | 64QAM  | 1  | 12 | 17.44  | 17.64  | 17.50  | 18.70                  |
| 5               | 64QAM  | 1  | 24 | 17.48  | 17.67  | 17.50  | 18.70                  |
| 5               | 64QAM  | 12 | 0  | 17.36  | 17.48  | 17.52  | 18.70                  |
| 5               | 64QAM  | 12 | 7  | 17.61  | 17.83  | 17.62  | 18.70                  |
| 5               | 64QAM  | 12 | 13 | 17.52  | 17.56  | 17.45  | 18.70                  |
| 5               | 64QAM  | 25 | 0  | 17.50  | 17.67  | 17.51  | 18.70                  |
| 5               | 256QAM | 1  | 0  | 17.51  | 17.75  | 17.55  | 18.70                  |
| 5               | 256QAM | 1  | 12 | 17.76  | 17.83  | 17.64  | 18.70                  |
| 5               | 256QAM | 1  | 24 | 17.58  | 17.79  | 17.53  | 18.70                  |
| 5               | 256QAM | 12 | 0  | 17.50  | 17.66  | 17.59  | 18.70                  |
| 5               | 256QAM | 12 | 7  | 17.56  | 17.62  | 17.58  | 18.70                  |
| 5               | 256QAM | 12 | 13 | 17.58  | 17.78  | 17.58  | 18.70                  |
| 5               | 256QAM | 25 | 0  | 17.64  | 17.68  | 17.54  | 18.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.84  | 17.88  | 17.78  | 18.70                  |
| 3               | QPSK   | 1  | 8  | 17.76  | 17.91  | 17.70  | 18.70                  |
| 3               | QPSK   | 1  | 14 | 17.49  | 17.67  | 17.59  | 18.70                  |
| 3               | QPSK   | 8  | 0  | 17.80  | 17.84  | 17.69  | 18.70                  |
| 3               | QPSK   | 8  | 4  | 17.52  | 17.70  | 17.51  | 18.70                  |
| 3               | QPSK   | 8  | 7  | 17.58  | 17.71  | 17.55  | 18.70                  |
| 3               | QPSK   | 15 | 0  | 17.67  | 17.69  | 17.67  | 18.70                  |
| 3               | 16QAM  | 1  | 0  | 17.60  | 17.73  | 17.58  | 18.70                  |
| 3               | 16QAM  | 1  | 8  | 17.68  | 17.79  | 17.64  | 18.70                  |
| 3               | 16QAM  | 1  | 14 | 17.67  | 17.66  | 17.56  | 18.70                  |
| 3               | 16QAM  | 8  | 0  | 17.51  | 17.59  | 17.53  | 18.70                  |
| 3               | 16QAM  | 8  | 4  | 17.32  | 17.50  | 17.31  | 18.70                  |
| 3               | 16QAM  | 8  | 7  | 17.76  | 17.75  | 17.69  | 18.70                  |
| 3               | 16QAM  | 15 | 0  | 17.53  | 17.66  | 17.54  | 18.70                  |
| 3               | 64QAM  | 1  | 0  | 17.47  | 17.56  | 17.48  | 18.70                  |
| 3               | 64QAM  | 1  | 8  | 17.55  | 17.63  | 17.43  | 18.70                  |
| 3               | 64QAM  | 1  | 14 | 17.47  | 17.72  | 17.49  | 18.70                  |
| 3               | 64QAM  | 8  | 0  | 17.41  | 17.55  | 17.47  | 18.70                  |
| 3               | 64QAM  | 8  | 4  | 17.56  | 17.76  | 17.65  | 18.70                  |
| 3               | 64QAM  | 8  | 7  | 17.51  | 17.58  | 17.55  | 18.70                  |
| 3               | 64QAM  | 15 | 0  | 17.58  | 17.67  | 17.48  | 18.70                  |
| 3               | 256QAM | 1  | 0  | 17.53  | 17.69  | 17.59  | 18.70                  |
| 3               | 256QAM | 1  | 8  | 17.69  | 17.71  | 17.59  | 18.70                  |
| 3               | 256QAM | 1  | 14 | 17.63  | 17.71  | 17.51  | 18.70                  |
| 3               | 256QAM | 8  | 0  | 17.61  | 17.65  | 17.49  | 18.70                  |
| 3               | 256QAM | 8  | 4  | 17.51  | 17.72  | 17.63  | 18.70                  |
| 3               | 256QAM | 8  | 7  | 17.58  | 17.83  | 17.65  | 18.70                  |
| 3               | 256QAM | 15 | 0  | 17.58  | 17.60  | 17.59  | 18.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.82  | 17.87  | 17.82  | 18.70 |
| 1.4             | QPSK   | 1 | 3 | 17.65  | 17.81  | 17.71  | 18.70 |
| 1.4             | QPSK   | 1 | 5 | 17.53  | 17.63  | 17.55  | 18.70 |
| 1.4             | QPSK   | 3 | 0 | 17.75  | 17.83  | 17.78  | 18.70 |
| 1.4             | QPSK   | 3 | 1 | 17.47  | 17.66  | 17.63  | 18.70 |
| 1.4             | QPSK   | 3 | 3 | 17.58  | 17.59  | 17.53  | 18.70 |
| 1.4             | QPSK   | 6 | 0 | 17.74  | 17.70  | 17.73  | 18.70 |
| 1.4             | 16QAM  | 1 | 0 | 17.58  | 17.63  | 17.68  | 18.70 |
| 1.4             | 16QAM  | 1 | 3 | 17.70  | 17.73  | 17.65  | 18.70 |
| 1.4             | 16QAM  | 1 | 5 | 17.69  | 17.64  | 17.56  | 18.70 |
| 1.4             | 16QAM  | 3 | 0 | 17.55  | 17.68  | 17.57  | 18.70 |
| 1.4             | 16QAM  | 3 | 1 | 17.32  | 17.53  | 17.38  | 18.70 |
| 1.4             | 16QAM  | 3 | 3 | 17.74  | 17.74  | 17.69  | 18.70 |
| 1.4             | 16QAM  | 6 | 0 | 17.64  | 17.72  | 17.65  | 18.70 |
| 1.4             | 64QAM  | 1 | 0 | 17.42  | 17.61  | 17.51  | 18.70 |
| 1.4             | 64QAM  | 1 | 3 | 17.43  | 17.69  | 17.51  | 18.70 |
| 1.4             | 64QAM  | 1 | 5 | 17.51  | 17.69  | 17.53  | 18.70 |
| 1.4             | 64QAM  | 3 | 0 | 17.32  | 17.50  | 17.47  | 18.70 |
| 1.4             | 64QAM  | 3 | 1 | 17.61  | 17.77  | 17.67  | 18.70 |
| 1.4             | 64QAM  | 3 | 3 | 17.56  | 17.64  | 17.53  | 18.70 |
| 1.4             | 64QAM  | 6 | 0 | 17.48  | 17.59  | 17.45  | 18.70 |
| 1.4             | 256QAM | 1 | 0 | 17.60  | 17.64  | 17.61  | 18.70 |
| 1.4             | 256QAM | 1 | 3 | 17.65  | 17.72  | 17.58  | 18.70 |
| 1.4             | 256QAM | 1 | 5 | 17.71  | 17.72  | 17.52  | 18.70 |
| 1.4             | 256QAM | 3 | 0 | 17.52  | 17.74  | 17.56  | 18.70 |
| 1.4             | 256QAM | 3 | 1 | 17.51  | 17.68  | 17.63  | 18.70 |
| 1.4             | 256QAM | 3 | 3 | 17.66  | 17.82  | 17.58  | 18.70 |
| 1.4             | 256QAM | 6 | 0 | 17.56  | 17.63  | 17.61  | 18.70 |

**【LTE Band 4\_Ant 4\_ECI4-2】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.71                    | 17.78                       | 17.75                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.39                    | 17.59                       | 17.49                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.52                    | 17.65                       | 17.51                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.67                    | 17.75                       | 17.69                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.53                    | 17.72                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.44                    | 17.62                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.65                    | 17.71                       | 17.67                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.51                    | 17.63                       | 17.56                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.29                    | 17.51                       | 17.39                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.46                    | 17.59                       | 17.53                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.60                    | 17.70                       | 17.60                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.43                    | 17.55                       | 17.44                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.52                    | 17.62                       | 17.45                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.29                    | 17.44                       | 17.39                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.30                    | 17.45                       | 17.27                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.37                    | 17.49                       | 17.35                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.54                    | 17.67                       | 17.62                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.36                    | 17.53                       | 17.46                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.46                    | 17.62                       | 17.56                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.39                    | 17.55                       | 17.40                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.39                    | 17.58                       | 17.53                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.45                    | 17.63                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.42                    | 17.59                       | 17.41                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.27                    | 17.45                       | 17.30                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.46                    | 17.63                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.42                    | 17.57                       | 17.46                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.39                    | 17.56                       | 17.43                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.46                    | 17.63                       | 17.50                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.60                    | 17.65                       | 17.62                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.33                    | 17.49                       | 17.46                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.49                    | 17.63                       | 17.41                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.55                    | 17.71                       | 17.67                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.40                    | 17.64                       | 17.43                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.35                    | 17.48                       | 17.54                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.53                    | 17.58                       | 17.56                     | 19.50                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.46  | 17.61  | 17.50  | 19.50         |
| 15              | 16QAM  | 1  | 37 | 17.22  | 17.50  | 17.26  | 19.50         |
| 15              | 16QAM  | 1  | 74 | 17.34  | 17.46  | 17.47  | 19.50         |
| 15              | 16QAM  | 36 | 0  | 17.58  | 17.58  | 17.52  | 19.50         |
| 15              | 16QAM  | 36 | 20 | 17.31  | 17.53  | 17.34  | 19.50         |
| 15              | 16QAM  | 36 | 39 | 17.44  | 17.50  | 17.33  | 19.50         |
| 15              | 16QAM  | 75 | 0  | 17.24  | 17.39  | 17.29  | 19.50         |
| 15              | 64QAM  | 1  | 0  | 17.17  | 17.43  | 17.18  | 19.50         |
| 15              | 64QAM  | 1  | 37 | 17.35  | 17.44  | 17.24  | 19.50         |
| 15              | 64QAM  | 1  | 74 | 17.39  | 17.52  | 17.50  | 19.50         |
| 15              | 64QAM  | 36 | 0  | 17.34  | 17.40  | 17.37  | 19.50         |
| 15              | 64QAM  | 36 | 20 | 17.35  | 17.54  | 17.50  | 19.50         |
| 15              | 64QAM  | 36 | 39 | 17.29  | 17.46  | 17.36  | 19.50         |
| 15              | 64QAM  | 75 | 0  | 17.37  | 17.56  | 17.42  | 19.50         |
| 15              | 256QAM | 1  | 0  | 17.38  | 17.52  | 17.49  | 19.50         |
| 15              | 256QAM | 1  | 37 | 17.34  | 17.52  | 17.33  | 19.50         |
| 15              | 256QAM | 1  | 74 | 17.24  | 17.44  | 17.25  | 19.50         |
| 15              | 256QAM | 36 | 0  | 17.37  | 17.50  | 17.45  | 19.50         |
| 15              | 256QAM | 36 | 20 | 17.39  | 17.48  | 17.39  | 19.50         |
| 15              | 256QAM | 36 | 39 | 17.38  | 17.52  | 17.34  | 19.50         |
| 15              | 256QAM | 75 | 0  | 17.45  | 17.52  | 17.48  | 19.50         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.62  | 17.66  | 17.69  | 19.50         |
| 10              | QPSK   | 1  | 25 | 17.32  | 17.44  | 17.44  | 19.50         |
| 10              | QPSK   | 1  | 49 | 17.46  | 17.58  | 17.36  | 19.50         |
| 10              | QPSK   | 25 | 0  | 17.60  | 17.71  | 17.63  | 19.50         |
| 10              | QPSK   | 25 | 12 | 17.43  | 17.58  | 17.51  | 19.50         |
| 10              | QPSK   | 25 | 25 | 17.39  | 17.57  | 17.49  | 19.50         |
| 10              | QPSK   | 50 | 0  | 17.52  | 17.64  | 17.58  | 19.50         |
| 10              | 16QAM  | 1  | 0  | 17.41  | 17.49  | 17.42  | 19.50         |
| 10              | 16QAM  | 1  | 25 | 17.19  | 17.36  | 17.25  | 19.50         |
| 10              | 16QAM  | 1  | 49 | 17.40  | 17.57  | 17.49  | 19.50         |
| 10              | 16QAM  | 25 | 0  | 17.58  | 17.58  | 17.51  | 19.50         |
| 10              | 16QAM  | 25 | 12 | 17.34  | 17.50  | 17.38  | 19.50         |
| 10              | 16QAM  | 25 | 25 | 17.46  | 17.50  | 17.42  | 19.50         |
| 10              | 16QAM  | 50 | 0  | 17.28  | 17.38  | 17.31  | 19.50         |
| 10              | 64QAM  | 1  | 0  | 17.17  | 17.35  | 17.13  | 19.50         |
| 10              | 64QAM  | 1  | 25 | 17.33  | 17.45  | 17.21  | 19.50         |
| 10              | 64QAM  | 1  | 49 | 17.51  | 17.54  | 17.58  | 19.50         |
| 10              | 64QAM  | 25 | 0  | 17.31  | 17.39  | 17.32  | 19.50         |
| 10              | 64QAM  | 25 | 12 | 17.33  | 17.54  | 17.50  | 19.50         |
| 10              | 64QAM  | 25 | 25 | 17.27  | 17.49  | 17.37  | 19.50         |
| 10              | 64QAM  | 50 | 0  | 17.29  | 17.52  | 17.42  | 19.50         |
| 10              | 256QAM | 1  | 0  | 17.39  | 17.49  | 17.47  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.39  | 17.47  | 17.32  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.18  | 17.37  | 17.21  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.34  | 17.48  | 17.43  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.39  | 17.45  | 17.39  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.29  | 17.54  | 17.30  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.37  | 17.54  | 17.40  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.65  | 17.77  | 17.74  | 19.50         |
| 5               | QPSK   | 1  | 12 | 17.26  | 17.45  | 17.36  | 19.50         |
| 5               | QPSK   | 1  | 24 | 17.45  | 17.58  | 17.45  | 19.50         |
| 5               | QPSK   | 12 | 0  | 17.55  | 17.66  | 17.65  | 19.50         |
| 5               | QPSK   | 12 | 7  | 17.50  | 17.66  | 17.44  | 19.50         |
| 5               | QPSK   | 12 | 13 | 17.38  | 17.53  | 17.53  | 19.50         |
| 5               | QPSK   | 25 | 0  | 17.63  | 17.61  | 17.53  | 19.50         |
| 5               | 16QAM  | 1  | 0  | 17.39  | 17.54  | 17.46  | 19.50         |
| 5               | 16QAM  | 1  | 12 | 17.28  | 17.39  | 17.24  | 19.50         |
| 5               | 16QAM  | 1  | 24 | 17.37  | 17.45  | 17.50  | 19.50         |
| 5               | 16QAM  | 12 | 0  | 17.53  | 17.64  | 17.47  | 19.50         |
| 5               | 16QAM  | 12 | 7  | 17.36  | 17.50  | 17.30  | 19.50         |
| 5               | 16QAM  | 12 | 13 | 17.40  | 17.57  | 17.44  | 19.50         |
| 5               | 16QAM  | 25 | 0  | 17.16  | 17.38  | 17.31  | 19.50         |
| 5               | 64QAM  | 1  | 0  | 17.19  | 17.31  | 17.21  | 19.50         |
| 5               | 64QAM  | 1  | 12 | 17.36  | 17.38  | 17.26  | 19.50         |
| 5               | 64QAM  | 1  | 24 | 17.49  | 17.63  | 17.52  | 19.50         |
| 5               | 64QAM  | 12 | 0  | 17.29  | 17.41  | 17.43  | 19.50         |
| 5               | 64QAM  | 12 | 7  | 17.41  | 17.50  | 17.50  | 19.50         |
| 5               | 64QAM  | 12 | 13 | 17.31  | 17.49  | 17.31  | 19.50         |
| 5               | 64QAM  | 25 | 0  | 17.37  | 17.55  | 17.40  | 19.50         |
| 5               | 256QAM | 1  | 0  | 17.44  | 17.61  | 17.48  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.39  | 17.48  | 17.28  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.14  | 17.44  | 17.20  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.45  | 17.56  | 17.50  | 19.50         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5               | 256QAM | 12 | 7  | 17.36  | 17.54  | 17.39  | 19.50               |
| 5               | 256QAM | 12 | 13 | 17.37  | 17.55  | 17.37  | 19.50               |
| 5               | 256QAM | 25 | 0  | 17.32  | 17.53  | 17.38  | 19.50               |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                     |
| 3               | QPSK   | 1  | 0  | 17.59  | 17.65  | 17.69  | 19.50               |
| 3               | QPSK   | 1  | 8  | 17.25  | 17.51  | 17.40  | 19.50               |
| 3               | QPSK   | 1  | 14 | 17.50  | 17.60  | 17.46  | 19.50               |
| 3               | QPSK   | 8  | 0  | 17.54  | 17.70  | 17.64  | 19.50               |
| 3               | QPSK   | 8  | 4  | 17.50  | 17.62  | 17.47  | 19.50               |
| 3               | QPSK   | 8  | 7  | 17.30  | 17.57  | 17.43  | 19.50               |
| 3               | QPSK   | 15 | 0  | 17.50  | 17.68  | 17.61  | 19.50               |
| 3               | 16QAM  | 1  | 0  | 17.50  | 17.58  | 17.49  | 19.50               |
| 3               | 16QAM  | 1  | 8  | 17.23  | 17.48  | 17.33  | 19.50               |
| 3               | 16QAM  | 1  | 14 | 17.42  | 17.55  | 17.38  | 19.50               |
| 3               | 16QAM  | 8  | 0  | 17.55  | 17.69  | 17.53  | 19.50               |
| 3               | 16QAM  | 8  | 4  | 17.36  | 17.45  | 17.35  | 19.50               |
| 3               | 16QAM  | 8  | 7  | 17.44  | 17.52  | 17.31  | 19.50               |
| 3               | 16QAM  | 15 | 0  | 17.14  | 17.33  | 17.25  | 19.50               |
| 3               | 64QAM  | 1  | 0  | 17.23  | 17.31  | 17.14  | 19.50               |
| 3               | 64QAM  | 1  | 8  | 17.35  | 17.40  | 17.28  | 19.50               |
| 3               | 64QAM  | 1  | 14 | 17.42  | 17.55  | 17.55  | 19.50               |
| 3               | 64QAM  | 8  | 0  | 17.28  | 17.47  | 17.39  | 19.50               |
| 3               | 64QAM  | 8  | 4  | 17.39  | 17.50  | 17.50  | 19.50               |
| 3               | 64QAM  | 8  | 7  | 17.27  | 17.49  | 17.34  | 19.50               |
| 3               | 64QAM  | 15 | 0  | 17.25  | 17.57  | 17.41  | 19.50               |
| 3               | 256QAM | 1  | 0  | 17.34  | 17.56  | 17.48  | 19.50               |
| 3               | 256QAM | 1  | 8  | 17.38  | 17.52  | 17.36  | 19.50               |
| 3               | 256QAM | 1  | 14 | 17.24  | 17.32  | 17.28  | 19.50               |
| 3               | 256QAM | 8  | 0  | 17.34  | 17.58  | 17.43  | 19.50               |
| 3               | 256QAM | 8  | 4  | 17.28  | 17.53  | 17.38  | 19.50               |
| 3               | 256QAM | 8  | 7  | 17.27  | 17.52  | 17.35  | 19.50               |
| 3               | 256QAM | 15 | 0  | 17.43  | 17.50  | 17.47  | 19.50               |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 17.70  | 17.76  | 17.72  | 19.50               |
| 1.4             | QPSK   | 1  | 3  | 17.37  | 17.56  | 17.45  | 19.50               |
| 1.4             | QPSK   | 1  | 5  | 17.39  | 17.58  | 17.47  | 19.50               |
| 1.4             | QPSK   | 3  | 0  | 17.60  | 17.63  | 17.62  | 19.50               |
| 1.4             | QPSK   | 3  | 1  | 17.41  | 17.60  | 17.54  | 19.50               |
| 1.4             | QPSK   | 3  | 3  | 17.41  | 17.55  | 17.41  | 19.50               |
| 1.4             | QPSK   | 6  | 0  | 17.54  | 17.68  | 17.56  | 19.50               |
| 1.4             | 16QAM  | 1  | 0  | 17.39  | 17.52  | 17.55  | 19.50               |
| 1.4             | 16QAM  | 1  | 3  | 17.25  | 17.37  | 17.37  | 19.50               |
| 1.4             | 16QAM  | 1  | 5  | 17.38  | 17.47  | 17.50  | 19.50               |
| 1.4             | 16QAM  | 3  | 0  | 17.46  | 17.67  | 17.56  | 19.50               |
| 1.4             | 16QAM  | 3  | 1  | 17.38  | 17.53  | 17.32  | 19.50               |
| 1.4             | 16QAM  | 3  | 3  | 17.39  | 17.51  | 17.32  | 19.50               |
| 1.4             | 16QAM  | 6  | 0  | 17.22  | 17.42  | 17.37  | 19.50               |
| 1.4             | 64QAM  | 1  | 0  | 17.25  | 17.39  | 17.14  | 19.50               |
| 1.4             | 64QAM  | 1  | 3  | 17.30  | 17.38  | 17.29  | 19.50               |
| 1.4             | 64QAM  | 1  | 5  | 17.49  | 17.59  | 17.56  | 19.50               |
| 1.4             | 64QAM  | 3  | 0  | 17.32  | 17.50  | 17.37  | 19.50               |
| 1.4             | 64QAM  | 3  | 1  | 17.42  | 17.61  | 17.54  | 19.50               |
| 1.4             | 64QAM  | 3  | 3  | 17.37  | 17.50  | 17.30  | 19.50               |
| 1.4             | 64QAM  | 6  | 0  | 17.34  | 17.45  | 17.44  | 19.50               |
| 1.4             | 256QAM | 1  | 0  | 17.32  | 17.60  | 17.44  | 19.50               |
| 1.4             | 256QAM | 1  | 3  | 17.36  | 17.45  | 17.38  | 19.50               |
| 1.4             | 256QAM | 1  | 5  | 17.13  | 17.31  | 17.27  | 19.50               |
| 1.4             | 256QAM | 3  | 0  | 17.38  | 17.48  | 17.48  | 19.50               |
| 1.4             | 256QAM | 3  | 1  | 17.34  | 17.47  | 17.39  | 19.50               |
| 1.4             | 256QAM | 3  | 3  | 17.24  | 17.45  | 17.29  | 19.50               |
| 1.4             | 256QAM | 6  | 0  | 17.39  | 17.59  | 17.40  | 19.50               |



## 【LTE Band 4\_Ant 4\_ECI5】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 18.06                    | 18.12                       | 18.08                     | 19.20                  |
| 20              | QPSK       | 1       | 49        | 17.90                    | 18.05                       | 17.90                     | 19.20                  |
| 20              | QPSK       | 1       | 99        | 17.78                    | 17.94                       | 17.87                     | 19.20                  |
| 20              | QPSK       | 50      | 0         | 18.01                    | 18.09                       | 18.03                     | 19.20                  |
| 20              | QPSK       | 50      | 24        | 17.96                    | 18.06                       | 18.01                     | 19.20                  |
| 20              | QPSK       | 50      | 50        | 17.89                    | 18.03                       | 17.86                     | 19.20                  |
| 20              | QPSK       | 100     | 0         | 17.77                    | 17.95                       | 17.80                     | 19.20                  |
| 20              | 16QAM      | 1       | 0         | 17.91                    | 18.04                       | 17.95                     | 19.20                  |
| 20              | 16QAM      | 1       | 49        | 17.92                    | 18.04                       | 17.93                     | 19.20                  |
| 20              | 16QAM      | 1       | 99        | 17.96                    | 18.03                       | 17.91                     | 19.20                  |
| 20              | 16QAM      | 50      | 0         | 17.93                    | 18.05                       | 17.92                     | 19.20                  |
| 20              | 16QAM      | 50      | 24        | 17.90                    | 18.04                       | 17.97                     | 19.20                  |
| 20              | 16QAM      | 50      | 50        | 17.98                    | 18.07                       | 17.96                     | 19.20                  |
| 20              | 16QAM      | 100     | 0         | 17.84                    | 18.04                       | 17.92                     | 19.20                  |
| 20              | 64QAM      | 1       | 0         | 17.81                    | 17.99                       | 17.87                     | 19.20                  |
| 20              | 64QAM      | 1       | 49        | 17.87                    | 17.94                       | 17.87                     | 19.20                  |
| 20              | 64QAM      | 1       | 99        | 17.88                    | 17.97                       | 17.89                     | 19.20                  |
| 20              | 64QAM      | 50      | 0         | 17.83                    | 17.94                       | 17.80                     | 19.20                  |
| 20              | 64QAM      | 50      | 24        | 17.79                    | 17.94                       | 17.89                     | 19.20                  |
| 20              | 64QAM      | 50      | 50        | 17.90                    | 18.07                       | 17.98                     | 19.20                  |
| 20              | 64QAM      | 100     | 0         | 17.92                    | 18.05                       | 17.99                     | 19.20                  |
| 20              | 256QAM     | 1       | 0         | 17.79                    | 17.99                       | 17.83                     | 19.20                  |
| 20              | 256QAM     | 1       | 49        | 17.84                    | 17.99                       | 17.91                     | 19.20                  |
| 20              | 256QAM     | 1       | 99        | 17.89                    | 18.01                       | 17.89                     | 19.20                  |
| 20              | 256QAM     | 50      | 0         | 17.95                    | 18.12                       | 18.06                     | 19.20                  |
| 20              | 256QAM     | 50      | 24        | 17.91                    | 18.05                       | 17.99                     | 19.20                  |
| 20              | 256QAM     | 50      | 50        | 17.84                    | 17.94                       | 17.77                     | 19.20                  |
| 20              | 256QAM     | 100     | 0         | 17.96                    | 18.05                       | 17.93                     | 19.20                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.98                    | 18.01                       | 18.07                     | 19.20                  |
| 15              | QPSK       | 1       | 37        | 17.78                    | 18.04                       | 17.80                     | 19.20                  |
| 15              | QPSK       | 1       | 74        | 17.71                    | 17.84                       | 17.81                     | 19.20                  |
| 15              | QPSK       | 36      | 0         | 17.98                    | 18.07                       | 18.02                     | 19.20                  |
| 15              | QPSK       | 36      | 20        | 17.85                    | 17.93                       | 17.89                     | 19.20                  |
| 15              | QPSK       | 36      | 39        | 17.78                    | 17.89                       | 17.72                     | 19.20                  |
| 15              | QPSK       | 75      | 0         | 17.71                    | 17.91                       | 17.76                     | 19.20                  |
| 15              | 16QAM      | 1       | 0         | 17.84                    | 18.01                       | 17.88                     | 19.20                  |
| 15              | 16QAM      | 1       | 37        | 17.89                    | 17.96                       | 17.90                     | 19.20                  |
| 15              | 16QAM      | 1       | 74        | 17.84                    | 17.97                       | 17.84                     | 19.20                  |
| 15              | 16QAM      | 36      | 0         | 17.80                    | 17.93                       | 17.90                     | 19.20                  |
| 15              | 16QAM      | 36      | 20        | 17.82                    | 17.92                       | 17.95                     | 19.20                  |
| 15              | 16QAM      | 36      | 39        | 17.88                    | 17.96                       | 17.82                     | 19.20                  |
| 15              | 16QAM      | 75      | 0         | 17.79                    | 18.00                       | 17.91                     | 19.20                  |
| 15              | 64QAM      | 1       | 0         | 17.79                    | 17.86                       | 17.82                     | 19.20                  |
| 15              | 64QAM      | 1       | 37        | 17.77                    | 17.84                       | 17.84                     | 19.20                  |
| 15              | 64QAM      | 1       | 74        | 17.84                    | 17.96                       | 17.83                     | 19.20                  |
| 15              | 64QAM      | 36      | 0         | 17.71                    | 17.90                       | 17.71                     | 19.20                  |
| 15              | 64QAM      | 36      | 20        | 17.64                    | 17.84                       | 17.77                     | 19.20                  |
| 15              | 64QAM      | 36      | 39        | 17.89                    | 17.98                       | 17.93                     | 19.20                  |
| 15              | 64QAM      | 75      | 0         | 17.82                    | 18.03                       | 17.93                     | 19.20                  |
| 15              | 256QAM     | 1       | 0         | 17.65                    | 17.97                       | 17.79                     | 19.20                  |
| 15              | 256QAM     | 1       | 37        | 17.82                    | 17.87                       | 17.78                     | 19.20                  |
| 15              | 256QAM     | 1       | 74        | 17.79                    | 17.94                       | 17.82                     | 19.20                  |
| 15              | 256QAM     | 36      | 0         | 17.92                    | 18.02                       | 17.93                     | 19.20                  |
| 15              | 256QAM     | 36      | 20        | 17.77                    | 17.95                       | 17.96                     | 19.20                  |
| 15              | 256QAM     | 36      | 39        | 17.70                    | 17.85                       | 17.70                     | 19.20                  |
| 15              | 256QAM     | 75      | 0         | 17.83                    | 18.03                       | 17.85                     | 19.20                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.96                    | 17.99                       | 17.97                     | 19.20                  |
| 10              | QPSK       | 1       | 25        | 17.83                    | 18.03                       | 17.78                     | 19.20                  |
| 10              | QPSK       | 1       | 49        | 17.73                    | 17.81                       | 17.76                     | 19.20                  |
| 10              | QPSK       | 25      | 0         | 17.95                    | 17.95                       | 17.95                     | 19.20                  |
| 10              | QPSK       | 25      | 12        | 17.87                    | 17.95                       | 17.89                     | 19.20                  |
| 10              | QPSK       | 25      | 25        | 17.76                    | 17.89                       | 17.77                     | 19.20                  |
| 10              | QPSK       | 50      | 0         | 17.65                    | 17.86                       | 17.78                     | 19.20                  |
| 10              | 16QAM      | 1       | 0         | 17.85                    | 17.95                       | 17.86                     | 19.20                  |
| 10              | 16QAM      | 1       | 25        | 17.88                    | 17.96                       | 17.81                     | 19.20                  |
| 10              | 16QAM      | 1       | 49        | 17.91                    | 17.91                       | 17.78                     | 19.20                  |
| 10              | 16QAM      | 25      | 0         | 17.84                    | 18.01                       | 17.91                     | 19.20                  |



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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.83  | 18.02  | 17.93  | 19.20                  |
| 10              | 16QAM  | 25 | 25 | 17.86  | 18.00  | 17.85  | 19.20                  |
| 10              | 16QAM  | 50 | 0  | 17.83  | 18.02  | 17.81  | 19.20                  |
| 10              | 64QAM  | 1  | 0  | 17.76  | 17.85  | 17.85  | 19.20                  |
| 10              | 64QAM  | 1  | 25 | 17.80  | 17.91  | 17.75  | 19.20                  |
| 10              | 64QAM  | 1  | 49 | 17.83  | 17.90  | 17.82  | 19.20                  |
| 10              | 64QAM  | 25 | 0  | 17.80  | 17.90  | 17.72  | 19.20                  |
| 10              | 64QAM  | 25 | 12 | 17.70  | 17.88  | 17.82  | 19.20                  |
| 10              | 64QAM  | 25 | 25 | 17.76  | 18.02  | 17.85  | 19.20                  |
| 10              | 64QAM  | 50 | 0  | 17.87  | 18.03  | 17.85  | 19.20                  |
| 10              | 256QAM | 1  | 0  | 17.73  | 17.84  | 17.76  | 19.20                  |
| 10              | 256QAM | 1  | 25 | 17.81  | 17.88  | 17.79  | 19.20                  |
| 10              | 256QAM | 1  | 49 | 17.80  | 17.89  | 17.81  | 19.20                  |
| 10              | 256QAM | 25 | 0  | 17.92  | 18.01  | 18.02  | 19.20                  |
| 10              | 256QAM | 25 | 12 | 17.84  | 17.91  | 17.91  | 19.20                  |
| 10              | 256QAM | 25 | 25 | 17.80  | 17.83  | 17.62  | 19.20                  |
| 10              | 256QAM | 50 | 0  | 17.94  | 17.97  | 17.90  | 19.20                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.98  | 18.11  | 17.99  | 19.20                  |
| 5               | QPSK   | 1  | 12 | 17.76  | 17.94  | 17.84  | 19.20                  |
| 5               | QPSK   | 1  | 24 | 17.76  | 17.88  | 17.75  | 19.20                  |
| 5               | QPSK   | 12 | 0  | 17.86  | 17.98  | 18.00  | 19.20                  |
| 5               | QPSK   | 12 | 7  | 17.87  | 18.04  | 18.00  | 19.20                  |
| 5               | QPSK   | 12 | 13 | 17.82  | 17.93  | 17.73  | 19.20                  |
| 5               | QPSK   | 25 | 0  | 17.74  | 17.82  | 17.78  | 19.20                  |
| 5               | 16QAM  | 1  | 0  | 17.77  | 17.93  | 17.94  | 19.20                  |
| 5               | 16QAM  | 1  | 12 | 17.82  | 17.93  | 17.91  | 19.20                  |
| 5               | 16QAM  | 1  | 24 | 17.86  | 17.97  | 17.81  | 19.20                  |
| 5               | 16QAM  | 12 | 0  | 17.91  | 17.95  | 17.80  | 19.20                  |
| 5               | 16QAM  | 12 | 7  | 17.81  | 17.91  | 17.95  | 19.20                  |
| 5               | 16QAM  | 12 | 13 | 17.96  | 18.01  | 17.86  | 19.20                  |
| 5               | 16QAM  | 25 | 0  | 17.71  | 18.01  | 17.79  | 19.20                  |
| 5               | 64QAM  | 1  | 0  | 17.75  | 17.88  | 17.81  | 19.20                  |
| 5               | 64QAM  | 1  | 12 | 17.83  | 17.81  | 17.83  | 19.20                  |
| 5               | 64QAM  | 1  | 24 | 17.86  | 17.85  | 17.83  | 19.20                  |
| 5               | 64QAM  | 12 | 0  | 17.81  | 17.87  | 17.65  | 19.20                  |
| 5               | 64QAM  | 12 | 7  | 17.74  | 17.85  | 17.83  | 19.20                  |
| 5               | 64QAM  | 12 | 13 | 17.87  | 17.95  | 17.84  | 19.20                  |
| 5               | 64QAM  | 25 | 0  | 17.81  | 18.01  | 17.95  | 19.20                  |
| 5               | 256QAM | 1  | 0  | 17.68  | 17.87  | 17.69  | 19.20                  |
| 5               | 256QAM | 1  | 12 | 17.78  | 17.91  | 17.84  | 19.20                  |
| 5               | 256QAM | 1  | 24 | 17.83  | 17.94  | 17.77  | 19.20                  |
| 5               | 256QAM | 12 | 0  | 17.86  | 17.99  | 18.03  | 19.20                  |
| 5               | 256QAM | 12 | 7  | 17.84  | 17.96  | 17.90  | 19.20                  |
| 5               | 256QAM | 12 | 13 | 17.74  | 17.84  | 17.65  | 19.20                  |
| 5               | 256QAM | 25 | 0  | 17.86  | 17.92  | 17.91  | 19.20                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.95  | 17.98  | 18.00  | 19.20                  |
| 3               | QPSK   | 1  | 8  | 17.76  | 17.99  | 17.78  | 19.20                  |
| 3               | QPSK   | 1  | 14 | 17.71  | 17.86  | 17.79  | 19.20                  |
| 3               | QPSK   | 8  | 0  | 17.99  | 17.98  | 17.96  | 19.20                  |
| 3               | QPSK   | 8  | 4  | 17.86  | 17.94  | 17.90  | 19.20                  |
| 3               | QPSK   | 8  | 7  | 17.80  | 17.91  | 17.81  | 19.20                  |
| 3               | QPSK   | 15 | 0  | 17.70  | 17.87  | 17.75  | 19.20                  |
| 3               | 16QAM  | 1  | 0  | 17.78  | 17.98  | 17.87  | 19.20                  |
| 3               | 16QAM  | 1  | 8  | 17.80  | 17.99  | 17.82  | 19.20                  |
| 3               | 16QAM  | 1  | 14 | 17.82  | 18.01  | 17.77  | 19.20                  |
| 3               | 16QAM  | 8  | 0  | 17.91  | 18.03  | 17.82  | 19.20                  |
| 3               | 16QAM  | 8  | 4  | 17.82  | 17.99  | 17.91  | 19.20                  |
| 3               | 16QAM  | 8  | 7  | 17.88  | 17.94  | 17.94  | 19.20                  |
| 3               | 16QAM  | 15 | 0  | 17.76  | 17.98  | 17.78  | 19.20                  |
| 3               | 64QAM  | 1  | 0  | 17.78  | 17.86  | 17.79  | 19.20                  |
| 3               | 64QAM  | 1  | 8  | 17.86  | 17.86  | 17.85  | 19.20                  |
| 3               | 64QAM  | 1  | 14 | 17.80  | 17.84  | 17.85  | 19.20                  |
| 3               | 64QAM  | 8  | 0  | 17.74  | 17.80  | 17.76  | 19.20                  |
| 3               | 64QAM  | 8  | 4  | 17.69  | 17.93  | 17.74  | 19.20                  |
| 3               | 64QAM  | 8  | 7  | 17.88  | 18.03  | 17.87  | 19.20                  |
| 3               | 64QAM  | 15 | 0  | 17.83  | 17.93  | 17.92  | 19.20                  |
| 3               | 256QAM | 1  | 0  | 17.74  | 17.93  | 17.73  | 19.20                  |
| 3               | 256QAM | 1  | 8  | 17.74  | 17.92  | 17.81  | 19.20                  |
| 3               | 256QAM | 1  | 14 | 17.87  | 17.93  | 17.74  | 19.20                  |
| 3               | 256QAM | 8  | 0  | 17.83  | 18.09  | 17.94  | 19.20                  |
| 3               | 256QAM | 8  | 4  | 17.80  | 17.90  | 17.98  | 19.20                  |
| 3               | 256QAM | 8  | 7  | 17.77  | 17.93  | 17.73  | 19.20                  |
| 3               | 256QAM | 15 | 0  | 17.93  | 17.92  | 17.89  | 19.20                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 18.02  | 18.06  | 18.07  | 19.20 |
| 1.4             | QPSK   | 1 | 3 | 17.82  | 17.96  | 17.80  | 19.20 |
| 1.4             | QPSK   | 1 | 5 | 17.66  | 17.87  | 17.79  | 19.20 |
| 1.4             | QPSK   | 3 | 0 | 18.00  | 17.97  | 17.94  | 19.20 |
| 1.4             | QPSK   | 3 | 1 | 17.92  | 17.99  | 17.93  | 19.20 |
| 1.4             | QPSK   | 3 | 3 | 17.86  | 17.96  | 17.72  | 19.20 |
| 1.4             | QPSK   | 6 | 0 | 17.68  | 17.93  | 17.65  | 19.20 |
| 1.4             | 16QAM  | 1 | 0 | 17.79  | 17.90  | 17.93  | 19.20 |
| 1.4             | 16QAM  | 1 | 3 | 17.82  | 17.97  | 17.83  | 19.20 |
| 1.4             | 16QAM  | 1 | 5 | 17.84  | 17.91  | 17.84  | 19.20 |
| 1.4             | 16QAM  | 3 | 0 | 17.92  | 17.96  | 17.84  | 19.20 |
| 1.4             | 16QAM  | 3 | 1 | 17.86  | 18.02  | 17.85  | 19.20 |
| 1.4             | 16QAM  | 3 | 3 | 17.96  | 17.97  | 17.86  | 19.20 |
| 1.4             | 16QAM  | 6 | 0 | 17.78  | 17.92  | 17.82  | 19.20 |
| 1.4             | 64QAM  | 1 | 0 | 17.70  | 17.93  | 17.73  | 19.20 |
| 1.4             | 64QAM  | 1 | 3 | 17.75  | 17.79  | 17.84  | 19.20 |
| 1.4             | 64QAM  | 1 | 5 | 17.81  | 17.84  | 17.74  | 19.20 |
| 1.4             | 64QAM  | 3 | 0 | 17.82  | 17.88  | 17.75  | 19.20 |
| 1.4             | 64QAM  | 3 | 1 | 17.66  | 17.92  | 17.75  | 19.20 |
| 1.4             | 64QAM  | 3 | 3 | 17.76  | 18.00  | 17.85  | 19.20 |
| 1.4             | 64QAM  | 6 | 0 | 17.90  | 17.95  | 17.85  | 19.20 |
| 1.4             | 256QAM | 1 | 0 | 17.66  | 17.90  | 17.79  | 19.20 |
| 1.4             | 256QAM | 1 | 3 | 17.77  | 17.87  | 17.78  | 19.20 |
| 1.4             | 256QAM | 1 | 5 | 17.85  | 17.99  | 17.80  | 19.20 |
| 1.4             | 256QAM | 3 | 0 | 17.86  | 17.99  | 17.93  | 19.20 |
| 1.4             | 256QAM | 3 | 1 | 17.86  | 17.92  | 17.96  | 19.20 |
| 1.4             | 256QAM | 3 | 3 | 17.78  | 17.86  | 17.73  | 19.20 |
| 1.4             | 256QAM | 6 | 0 | 17.90  | 17.92  | 17.90  | 19.20 |

**【LTE Band 4\_Ant 4\_ECI5-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.93                    | 17.96                       | 17.91                     | 18.70                  |
| 20              | QPSK       | 1       | 49        | 17.77                    | 17.94                       | 17.74                     | 18.70                  |
| 20              | QPSK       | 1       | 99        | 17.60                    | 17.77                       | 17.70                     | 18.70                  |
| 20              | QPSK       | 50      | 0         | 17.85                    | 17.89                       | 17.87                     | 18.70                  |
| 20              | QPSK       | 50      | 24        | 17.59                    | 17.72                       | 17.65                     | 18.70                  |
| 20              | QPSK       | 50      | 50        | 17.62                    | 17.72                       | 17.65                     | 18.70                  |
| 20              | QPSK       | 100     | 0         | 17.84                    | 17.88                       | 17.86                     | 18.70                  |
| 20              | 16QAM      | 1       | 0         | 17.69                    | 17.78                       | 17.72                     | 18.70                  |
| 20              | 16QAM      | 1       | 49        | 17.76                    | 17.85                       | 17.73                     | 18.70                  |
| 20              | 16QAM      | 1       | 99        | 17.70                    | 17.76                       | 17.60                     | 18.70                  |
| 20              | 16QAM      | 50      | 0         | 17.59                    | 17.73                       | 17.59                     | 18.70                  |
| 20              | 16QAM      | 50      | 24        | 17.46                    | 17.62                       | 17.43                     | 18.70                  |
| 20              | 16QAM      | 50      | 50        | 17.78                    | 17.87                       | 17.78                     | 18.70                  |
| 20              | 16QAM      | 100     | 0         | 17.67                    | 17.77                       | 17.66                     | 18.70                  |
| 20              | 64QAM      | 1       | 0         | 17.56                    | 17.66                       | 17.55                     | 18.70                  |
| 20              | 64QAM      | 1       | 49        | 17.57                    | 17.75                       | 17.56                     | 18.70                  |
| 20              | 64QAM      | 1       | 99        | 17.60                    | 17.73                       | 17.61                     | 18.70                  |
| 20              | 64QAM      | 50      | 0         | 17.44                    | 17.61                       | 17.55                     | 18.70                  |
| 20              | 64QAM      | 50      | 24        | 17.67                    | 17.84                       | 17.70                     | 18.70                  |
| 20              | 64QAM      | 50      | 50        | 17.64                    | 17.68                       | 17.57                     | 18.70                  |
| 20              | 64QAM      | 100     | 0         | 17.60                    | 17.69                       | 17.57                     | 18.70                  |
| 20              | 256QAM     | 1       | 0         | 17.66                    | 17.78                       | 17.66                     | 18.70                  |
| 20              | 256QAM     | 1       | 49        | 17.78                    | 17.84                       | 17.72                     | 18.70                  |
| 20              | 256QAM     | 1       | 99        | 17.73                    | 17.81                       | 17.64                     | 18.70                  |
| 20              | 256QAM     | 50      | 0         | 17.63                    | 17.77                       | 17.62                     | 18.70                  |
| 20              | 256QAM     | 50      | 24        | 17.62                    | 17.74                       | 17.68                     | 18.70                  |
| 20              | 256QAM     | 50      | 50        | 17.70                    | 17.87                       | 17.68                     | 18.70                  |
| 20              | 256QAM     | 100     | 0         | 17.65                    | 17.73                       | 17.65                     | 18.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.81                    | 17.87                       | 17.84                     | 18.70                  |
| 15              | QPSK       | 1       | 37        | 17.74                    | 17.85                       | 17.65                     | 18.70                  |
| 15              | QPSK       | 1       | 74        | 17.52                    | 17.66                       | 17.66                     | 18.70                  |
| 15              | QPSK       | 36      | 0         | 17.70                    | 17.79                       | 17.72                     | 18.70                  |
| 15              | QPSK       | 36      | 20        | 17.46                    | 17.70                       | 17.54                     | 18.70                  |
| 15              | QPSK       | 36      | 39        | 17.61                    | 17.58                       | 17.58                     | 18.70                  |
| 15              | QPSK       | 75      | 0         | 17.73                    | 17.78                       | 17.72                     | 18.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.66  | 17.73  | 17.59  | 18.70         |
| 15              | 16QAM  | 1  | 37 | 17.70  | 17.74  | 17.59  | 18.70         |
| 15              | 16QAM  | 1  | 74 | 17.57  | 17.71  | 17.58  | 18.70         |
| 15              | 16QAM  | 36 | 0  | 17.56  | 17.59  | 17.49  | 18.70         |
| 15              | 16QAM  | 36 | 20 | 17.32  | 17.60  | 17.32  | 18.70         |
| 15              | 16QAM  | 36 | 39 | 17.72  | 17.80  | 17.73  | 18.70         |
| 15              | 16QAM  | 75 | 0  | 17.57  | 17.66  | 17.59  | 18.70         |
| 15              | 64QAM  | 1  | 0  | 17.50  | 17.55  | 17.50  | 18.70         |
| 15              | 64QAM  | 1  | 37 | 17.43  | 17.67  | 17.45  | 18.70         |
| 15              | 64QAM  | 1  | 74 | 17.52  | 17.65  | 17.46  | 18.70         |
| 15              | 64QAM  | 36 | 0  | 17.36  | 17.50  | 17.52  | 18.70         |
| 15              | 64QAM  | 36 | 20 | 17.59  | 17.71  | 17.59  | 18.70         |
| 15              | 64QAM  | 36 | 39 | 17.49  | 17.54  | 17.45  | 18.70         |
| 15              | 64QAM  | 75 | 0  | 17.47  | 17.62  | 17.43  | 18.70         |
| 15              | 256QAM | 1  | 0  | 17.54  | 17.63  | 17.60  | 18.70         |
| 15              | 256QAM | 1  | 37 | 17.66  | 17.80  | 17.57  | 18.70         |
| 15              | 256QAM | 1  | 74 | 17.69  | 17.73  | 17.50  | 18.70         |
| 15              | 256QAM | 36 | 0  | 17.50  | 17.65  | 17.58  | 18.70         |
| 15              | 256QAM | 36 | 20 | 17.51  | 17.69  | 17.54  | 18.70         |
| 15              | 256QAM | 36 | 39 | 17.66  | 17.75  | 17.63  | 18.70         |
| 15              | 256QAM | 75 | 0  | 17.63  | 17.64  | 17.61  | 18.70         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.79  | 17.92  | 17.79  | 18.70         |
| 10              | QPSK   | 1  | 25 | 17.69  | 17.82  | 17.63  | 18.70         |
| 10              | QPSK   | 1  | 49 | 17.51  | 17.69  | 17.63  | 18.70         |
| 10              | QPSK   | 25 | 0  | 17.80  | 17.84  | 17.79  | 18.70         |
| 10              | QPSK   | 25 | 12 | 17.49  | 17.67  | 17.53  | 18.70         |
| 10              | QPSK   | 25 | 25 | 17.58  | 17.65  | 17.54  | 18.70         |
| 10              | QPSK   | 50 | 0  | 17.76  | 17.68  | 17.62  | 18.70         |
| 10              | 16QAM  | 1  | 0  | 17.59  | 17.67  | 17.66  | 18.70         |
| 10              | 16QAM  | 1  | 25 | 17.68  | 17.84  | 17.70  | 18.70         |
| 10              | 16QAM  | 1  | 49 | 17.61  | 17.65  | 17.53  | 18.70         |
| 10              | 16QAM  | 25 | 0  | 17.45  | 17.65  | 17.54  | 18.70         |
| 10              | 16QAM  | 25 | 12 | 17.35  | 17.59  | 17.33  | 18.70         |
| 10              | 16QAM  | 25 | 25 | 17.63  | 17.75  | 17.71  | 18.70         |
| 10              | 16QAM  | 50 | 0  | 17.59  | 17.68  | 17.60  | 18.70         |
| 10              | 64QAM  | 1  | 0  | 17.41  | 17.62  | 17.54  | 18.70         |
| 10              | 64QAM  | 1  | 25 | 17.54  | 17.72  | 17.45  | 18.70         |
| 10              | 64QAM  | 1  | 49 | 17.47  | 17.68  | 17.46  | 18.70         |
| 10              | 64QAM  | 25 | 0  | 17.31  | 17.56  | 17.48  | 18.70         |
| 10              | 64QAM  | 25 | 12 | 17.63  | 17.78  | 17.64  | 18.70         |
| 10              | 64QAM  | 25 | 25 | 17.50  | 17.58  | 17.46  | 18.70         |
| 10              | 64QAM  | 50 | 0  | 17.54  | 17.63  | 17.49  | 18.70         |
| 10              | 256QAM | 1  | 0  | 17.61  | 17.67  | 17.57  | 18.70         |
| 10              | 256QAM | 1  | 25 | 17.77  | 17.80  | 17.67  | 18.70         |
| 10              | 256QAM | 1  | 49 | 17.60  | 17.80  | 17.56  | 18.70         |
| 10              | 256QAM | 25 | 0  | 17.55  | 17.75  | 17.48  | 18.70         |
| 10              | 256QAM | 25 | 12 | 17.57  | 17.66  | 17.63  | 18.70         |
| 10              | 256QAM | 25 | 25 | 17.65  | 17.86  | 17.66  | 18.70         |
| 10              | 256QAM | 50 | 0  | 17.56  | 17.58  | 17.56  | 18.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.91  | 17.84  | 17.82  | 18.70         |
| 5               | QPSK   | 1  | 12 | 17.66  | 17.84  | 17.72  | 18.70         |
| 5               | QPSK   | 1  | 24 | 17.50  | 17.65  | 17.69  | 18.70         |
| 5               | QPSK   | 12 | 0  | 17.74  | 17.83  | 17.77  | 18.70         |
| 5               | QPSK   | 12 | 7  | 17.52  | 17.57  | 17.57  | 18.70         |
| 5               | QPSK   | 12 | 13 | 17.49  | 17.61  | 17.58  | 18.70         |
| 5               | QPSK   | 25 | 0  | 17.78  | 17.80  | 17.70  | 18.70         |
| 5               | 16QAM  | 1  | 0  | 17.59  | 17.64  | 17.64  | 18.70         |
| 5               | 16QAM  | 1  | 12 | 17.66  | 17.80  | 17.72  | 18.70         |
| 5               | 16QAM  | 1  | 24 | 17.63  | 17.62  | 17.52  | 18.70         |
| 5               | 16QAM  | 12 | 0  | 17.50  | 17.61  | 17.49  | 18.70         |
| 5               | 16QAM  | 12 | 7  | 17.42  | 17.49  | 17.32  | 18.70         |
| 5               | 16QAM  | 12 | 13 | 17.68  | 17.81  | 17.73  | 18.70         |
| 5               | 16QAM  | 25 | 0  | 17.58  | 17.71  | 17.62  | 18.70         |
| 5               | 64QAM  | 1  | 0  | 17.42  | 17.62  | 17.48  | 18.70         |
| 5               | 64QAM  | 1  | 12 | 17.44  | 17.64  | 17.50  | 18.70         |
| 5               | 64QAM  | 1  | 24 | 17.48  | 17.67  | 17.50  | 18.70         |
| 5               | 64QAM  | 12 | 0  | 17.36  | 17.48  | 17.52  | 18.70         |
| 5               | 64QAM  | 12 | 7  | 17.61  | 17.83  | 17.62  | 18.70         |
| 5               | 64QAM  | 12 | 13 | 17.52  | 17.56  | 17.45  | 18.70         |
| 5               | 64QAM  | 25 | 0  | 17.50  | 17.67  | 17.51  | 18.70         |
| 5               | 256QAM | 1  | 0  | 17.51  | 17.75  | 17.55  | 18.70         |
| 5               | 256QAM | 1  | 12 | 17.76  | 17.83  | 17.64  | 18.70         |
| 5               | 256QAM | 1  | 24 | 17.58  | 17.79  | 17.53  | 18.70         |
| 5               | 256QAM | 12 | 0  | 17.50  | 17.66  | 17.59  | 18.70         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.56  | 17.62  | 17.58  | 18.70                  |
| 5               | 256QAM | 12 | 13 | 17.58  | 17.78  | 17.58  | 18.70                  |
| 5               | 256QAM | 25 | 0  | 17.64  | 17.68  | 17.54  | 18.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.84  | 17.88  | 17.78  | 18.70                  |
| 3               | QPSK   | 1  | 8  | 17.76  | 17.91  | 17.70  | 18.70                  |
| 3               | QPSK   | 1  | 14 | 17.49  | 17.67  | 17.59  | 18.70                  |
| 3               | QPSK   | 8  | 0  | 17.80  | 17.84  | 17.69  | 18.70                  |
| 3               | QPSK   | 8  | 4  | 17.52  | 17.70  | 17.51  | 18.70                  |
| 3               | QPSK   | 8  | 7  | 17.58  | 17.71  | 17.55  | 18.70                  |
| 3               | QPSK   | 15 | 0  | 17.67  | 17.69  | 17.67  | 18.70                  |
| 3               | 16QAM  | 1  | 0  | 17.60  | 17.73  | 17.58  | 18.70                  |
| 3               | 16QAM  | 1  | 8  | 17.68  | 17.79  | 17.64  | 18.70                  |
| 3               | 16QAM  | 1  | 14 | 17.67  | 17.66  | 17.56  | 18.70                  |
| 3               | 16QAM  | 8  | 0  | 17.51  | 17.59  | 17.53  | 18.70                  |
| 3               | 16QAM  | 8  | 4  | 17.32  | 17.50  | 17.31  | 18.70                  |
| 3               | 16QAM  | 8  | 7  | 17.76  | 17.75  | 17.69  | 18.70                  |
| 3               | 16QAM  | 15 | 0  | 17.53  | 17.66  | 17.54  | 18.70                  |
| 3               | 64QAM  | 1  | 0  | 17.47  | 17.56  | 17.48  | 18.70                  |
| 3               | 64QAM  | 1  | 8  | 17.55  | 17.63  | 17.43  | 18.70                  |
| 3               | 64QAM  | 1  | 14 | 17.47  | 17.72  | 17.49  | 18.70                  |
| 3               | 64QAM  | 8  | 0  | 17.41  | 17.55  | 17.47  | 18.70                  |
| 3               | 64QAM  | 8  | 4  | 17.56  | 17.76  | 17.65  | 18.70                  |
| 3               | 64QAM  | 8  | 7  | 17.51  | 17.58  | 17.55  | 18.70                  |
| 3               | 64QAM  | 15 | 0  | 17.58  | 17.67  | 17.48  | 18.70                  |
| 3               | 256QAM | 1  | 0  | 17.53  | 17.69  | 17.59  | 18.70                  |
| 3               | 256QAM | 1  | 8  | 17.69  | 17.71  | 17.59  | 18.70                  |
| 3               | 256QAM | 1  | 14 | 17.63  | 17.71  | 17.51  | 18.70                  |
| 3               | 256QAM | 8  | 0  | 17.61  | 17.65  | 17.49  | 18.70                  |
| 3               | 256QAM | 8  | 4  | 17.51  | 17.72  | 17.63  | 18.70                  |
| 3               | 256QAM | 8  | 7  | 17.58  | 17.83  | 17.65  | 18.70                  |
| 3               | 256QAM | 15 | 0  | 17.58  | 17.60  | 17.59  | 18.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.82  | 17.87  | 17.82  | 18.70                  |
| 1.4             | QPSK   | 1  | 3  | 17.65  | 17.81  | 17.71  | 18.70                  |
| 1.4             | QPSK   | 1  | 5  | 17.53  | 17.63  | 17.55  | 18.70                  |
| 1.4             | QPSK   | 3  | 0  | 17.75  | 17.83  | 17.78  | 18.70                  |
| 1.4             | QPSK   | 3  | 1  | 17.47  | 17.66  | 17.63  | 18.70                  |
| 1.4             | QPSK   | 3  | 3  | 17.58  | 17.59  | 17.53  | 18.70                  |
| 1.4             | QPSK   | 6  | 0  | 17.74  | 17.70  | 17.73  | 18.70                  |
| 1.4             | 16QAM  | 1  | 0  | 17.58  | 17.63  | 17.68  | 18.70                  |
| 1.4             | 16QAM  | 1  | 3  | 17.70  | 17.73  | 17.65  | 18.70                  |
| 1.4             | 16QAM  | 1  | 5  | 17.69  | 17.64  | 17.56  | 18.70                  |
| 1.4             | 16QAM  | 3  | 0  | 17.55  | 17.68  | 17.57  | 18.70                  |
| 1.4             | 16QAM  | 3  | 1  | 17.32  | 17.53  | 17.38  | 18.70                  |
| 1.4             | 16QAM  | 3  | 3  | 17.74  | 17.74  | 17.69  | 18.70                  |
| 1.4             | 16QAM  | 6  | 0  | 17.64  | 17.72  | 17.65  | 18.70                  |
| 1.4             | 64QAM  | 1  | 0  | 17.42  | 17.61  | 17.51  | 18.70                  |
| 1.4             | 64QAM  | 1  | 3  | 17.43  | 17.69  | 17.51  | 18.70                  |
| 1.4             | 64QAM  | 1  | 5  | 17.51  | 17.69  | 17.53  | 18.70                  |
| 1.4             | 64QAM  | 3  | 0  | 17.32  | 17.50  | 17.47  | 18.70                  |
| 1.4             | 64QAM  | 3  | 1  | 17.61  | 17.77  | 17.67  | 18.70                  |
| 1.4             | 64QAM  | 3  | 3  | 17.56  | 17.64  | 17.53  | 18.70                  |
| 1.4             | 64QAM  | 6  | 0  | 17.48  | 17.59  | 17.45  | 18.70                  |
| 1.4             | 256QAM | 1  | 0  | 17.60  | 17.64  | 17.61  | 18.70                  |
| 1.4             | 256QAM | 1  | 3  | 17.65  | 17.72  | 17.58  | 18.70                  |
| 1.4             | 256QAM | 1  | 5  | 17.71  | 17.72  | 17.52  | 18.70                  |
| 1.4             | 256QAM | 3  | 0  | 17.52  | 17.74  | 17.56  | 18.70                  |
| 1.4             | 256QAM | 3  | 1  | 17.51  | 17.68  | 17.63  | 18.70                  |
| 1.4             | 256QAM | 3  | 3  | 17.66  | 17.82  | 17.58  | 18.70                  |
| 1.4             | 256QAM | 6  | 0  | 17.56  | 17.63  | 17.61  | 18.70                  |



## 【LTE Band 4\_Ant 4\_ECI5-2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.71                    | 17.78                       | 17.75                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.39                    | 17.59                       | 17.49                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.52                    | 17.65                       | 17.51                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.67                    | 17.75                       | 17.69                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.53                    | 17.72                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.44                    | 17.62                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.65                    | 17.71                       | 17.67                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.51                    | 17.63                       | 17.56                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.29                    | 17.51                       | 17.39                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.46                    | 17.59                       | 17.53                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.60                    | 17.70                       | 17.60                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.43                    | 17.55                       | 17.44                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.52                    | 17.62                       | 17.45                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.29                    | 17.44                       | 17.39                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.30                    | 17.45                       | 17.27                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.37                    | 17.49                       | 17.35                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.54                    | 17.67                       | 17.62                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.36                    | 17.53                       | 17.46                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.46                    | 17.62                       | 17.56                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.39                    | 17.55                       | 17.40                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.39                    | 17.58                       | 17.53                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.45                    | 17.63                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.42                    | 17.59                       | 17.41                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.27                    | 17.45                       | 17.30                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.46                    | 17.63                       | 17.51                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.42                    | 17.57                       | 17.46                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.39                    | 17.56                       | 17.43                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.46                    | 17.63                       | 17.50                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.60                    | 17.65                       | 17.62                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.33                    | 17.49                       | 17.46                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.49                    | 17.63                       | 17.41                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.55                    | 17.71                       | 17.67                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.40                    | 17.64                       | 17.43                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.35                    | 17.48                       | 17.54                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.53                    | 17.58                       | 17.56                     | 19.50                  |
| 15              | 16QAM      | 1       | 0         | 17.46                    | 17.61                       | 17.50                     | 19.50                  |
| 15              | 16QAM      | 1       | 37        | 17.22                    | 17.50                       | 17.26                     | 19.50                  |
| 15              | 16QAM      | 1       | 74        | 17.34                    | 17.46                       | 17.47                     | 19.50                  |
| 15              | 16QAM      | 36      | 0         | 17.58                    | 17.58                       | 17.52                     | 19.50                  |
| 15              | 16QAM      | 36      | 20        | 17.31                    | 17.53                       | 17.34                     | 19.50                  |
| 15              | 16QAM      | 36      | 39        | 17.44                    | 17.50                       | 17.33                     | 19.50                  |
| 15              | 16QAM      | 75      | 0         | 17.24                    | 17.39                       | 17.29                     | 19.50                  |
| 15              | 64QAM      | 1       | 0         | 17.17                    | 17.43                       | 17.18                     | 19.50                  |
| 15              | 64QAM      | 1       | 37        | 17.35                    | 17.44                       | 17.24                     | 19.50                  |
| 15              | 64QAM      | 1       | 74        | 17.39                    | 17.52                       | 17.50                     | 19.50                  |
| 15              | 64QAM      | 36      | 0         | 17.34                    | 17.40                       | 17.37                     | 19.50                  |
| 15              | 64QAM      | 36      | 20        | 17.35                    | 17.54                       | 17.50                     | 19.50                  |
| 15              | 64QAM      | 36      | 39        | 17.29                    | 17.46                       | 17.36                     | 19.50                  |
| 15              | 64QAM      | 75      | 0         | 17.37                    | 17.56                       | 17.42                     | 19.50                  |
| 15              | 256QAM     | 1       | 0         | 17.38                    | 17.52                       | 17.49                     | 19.50                  |
| 15              | 256QAM     | 1       | 37        | 17.34                    | 17.52                       | 17.33                     | 19.50                  |
| 15              | 256QAM     | 1       | 74        | 17.24                    | 17.44                       | 17.25                     | 19.50                  |
| 15              | 256QAM     | 36      | 0         | 17.37                    | 17.50                       | 17.45                     | 19.50                  |
| 15              | 256QAM     | 36      | 20        | 17.39                    | 17.48                       | 17.39                     | 19.50                  |
| 15              | 256QAM     | 36      | 39        | 17.38                    | 17.52                       | 17.34                     | 19.50                  |
| 15              | 256QAM     | 75      | 0         | 17.45                    | 17.52                       | 17.48                     | 19.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.62                    | 17.66                       | 17.69                     | 19.50                  |
| 10              | QPSK       | 1       | 25        | 17.32                    | 17.44                       | 17.44                     | 19.50                  |
| 10              | QPSK       | 1       | 49        | 17.46                    | 17.58                       | 17.36                     | 19.50                  |
| 10              | QPSK       | 25      | 0         | 17.60                    | 17.71                       | 17.63                     | 19.50                  |
| 10              | QPSK       | 25      | 12        | 17.43                    | 17.58                       | 17.51                     | 19.50                  |
| 10              | QPSK       | 25      | 25        | 17.39                    | 17.57                       | 17.49                     | 19.50                  |
| 10              | QPSK       | 50      | 0         | 17.52                    | 17.64                       | 17.58                     | 19.50                  |
| 10              | 16QAM      | 1       | 0         | 17.41                    | 17.49                       | 17.42                     | 19.50                  |
| 10              | 16QAM      | 1       | 25        | 17.19                    | 17.36                       | 17.25                     | 19.50                  |
| 10              | 16QAM      | 1       | 49        | 17.40                    | 17.57                       | 17.49                     | 19.50                  |
| 10              | 16QAM      | 25      | 0         | 17.58                    | 17.58                       | 17.51                     | 19.50                  |



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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.34  | 17.50  | 17.38  | 19.50                  |
| 10              | 16QAM  | 25 | 25 | 17.46  | 17.50  | 17.42  | 19.50                  |
| 10              | 16QAM  | 50 | 0  | 17.28  | 17.38  | 17.31  | 19.50                  |
| 10              | 64QAM  | 1  | 0  | 17.17  | 17.35  | 17.13  | 19.50                  |
| 10              | 64QAM  | 1  | 25 | 17.33  | 17.45  | 17.21  | 19.50                  |
| 10              | 64QAM  | 1  | 49 | 17.51  | 17.54  | 17.58  | 19.50                  |
| 10              | 64QAM  | 25 | 0  | 17.31  | 17.39  | 17.32  | 19.50                  |
| 10              | 64QAM  | 25 | 12 | 17.33  | 17.54  | 17.50  | 19.50                  |
| 10              | 64QAM  | 25 | 25 | 17.27  | 17.49  | 17.37  | 19.50                  |
| 10              | 64QAM  | 50 | 0  | 17.29  | 17.52  | 17.42  | 19.50                  |
| 10              | 256QAM | 1  | 0  | 17.39  | 17.49  | 17.47  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 17.39  | 17.47  | 17.32  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 17.18  | 17.37  | 17.21  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 17.34  | 17.48  | 17.43  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 17.39  | 17.45  | 17.39  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 17.29  | 17.54  | 17.30  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 17.37  | 17.54  | 17.40  | 19.50                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.65  | 17.77  | 17.74  | 19.50                  |
| 5               | QPSK   | 1  | 12 | 17.26  | 17.45  | 17.36  | 19.50                  |
| 5               | QPSK   | 1  | 24 | 17.45  | 17.58  | 17.45  | 19.50                  |
| 5               | QPSK   | 12 | 0  | 17.55  | 17.66  | 17.65  | 19.50                  |
| 5               | QPSK   | 12 | 7  | 17.50  | 17.66  | 17.44  | 19.50                  |
| 5               | QPSK   | 12 | 13 | 17.38  | 17.53  | 17.53  | 19.50                  |
| 5               | QPSK   | 25 | 0  | 17.63  | 17.61  | 17.53  | 19.50                  |
| 5               | 16QAM  | 1  | 0  | 17.39  | 17.54  | 17.46  | 19.50                  |
| 5               | 16QAM  | 1  | 12 | 17.28  | 17.39  | 17.24  | 19.50                  |
| 5               | 16QAM  | 1  | 24 | 17.37  | 17.45  | 17.50  | 19.50                  |
| 5               | 16QAM  | 12 | 0  | 17.53  | 17.64  | 17.47  | 19.50                  |
| 5               | 16QAM  | 12 | 7  | 17.36  | 17.50  | 17.30  | 19.50                  |
| 5               | 16QAM  | 12 | 13 | 17.40  | 17.57  | 17.44  | 19.50                  |
| 5               | 16QAM  | 25 | 0  | 17.16  | 17.38  | 17.31  | 19.50                  |
| 5               | 64QAM  | 1  | 0  | 17.19  | 17.31  | 17.21  | 19.50                  |
| 5               | 64QAM  | 1  | 12 | 17.36  | 17.38  | 17.26  | 19.50                  |
| 5               | 64QAM  | 1  | 24 | 17.49  | 17.63  | 17.52  | 19.50                  |
| 5               | 64QAM  | 12 | 0  | 17.29  | 17.41  | 17.43  | 19.50                  |
| 5               | 64QAM  | 12 | 7  | 17.41  | 17.50  | 17.50  | 19.50                  |
| 5               | 64QAM  | 12 | 13 | 17.31  | 17.49  | 17.31  | 19.50                  |
| 5               | 64QAM  | 25 | 0  | 17.37  | 17.55  | 17.40  | 19.50                  |
| 5               | 256QAM | 1  | 0  | 17.44  | 17.61  | 17.48  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 17.39  | 17.48  | 17.28  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 17.14  | 17.44  | 17.20  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 17.45  | 17.56  | 17.50  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 17.36  | 17.54  | 17.39  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.37  | 17.55  | 17.37  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.32  | 17.53  | 17.38  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.59  | 17.65  | 17.69  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.25  | 17.51  | 17.40  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.50  | 17.60  | 17.46  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 17.54  | 17.70  | 17.64  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.50  | 17.62  | 17.47  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.30  | 17.57  | 17.43  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.50  | 17.68  | 17.61  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 17.50  | 17.58  | 17.49  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 17.23  | 17.48  | 17.33  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.42  | 17.55  | 17.38  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.55  | 17.69  | 17.53  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.36  | 17.45  | 17.35  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.44  | 17.52  | 17.31  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.14  | 17.33  | 17.25  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.23  | 17.31  | 17.14  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 17.35  | 17.40  | 17.28  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 17.42  | 17.55  | 17.55  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 17.28  | 17.47  | 17.39  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 17.39  | 17.50  | 17.50  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 17.27  | 17.49  | 17.34  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 17.25  | 17.57  | 17.41  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.34  | 17.56  | 17.48  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.38  | 17.52  | 17.36  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.24  | 17.32  | 17.28  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.34  | 17.58  | 17.43  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.28  | 17.53  | 17.38  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.27  | 17.52  | 17.35  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.43  | 17.50  | 17.47  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.70  | 17.76  | 17.72  | 19.50 |
| 1.4             | QPSK   | 1 | 3 | 17.37  | 17.56  | 17.45  | 19.50 |
| 1.4             | QPSK   | 1 | 5 | 17.39  | 17.58  | 17.47  | 19.50 |
| 1.4             | QPSK   | 3 | 0 | 17.60  | 17.63  | 17.62  | 19.50 |
| 1.4             | QPSK   | 3 | 1 | 17.41  | 17.60  | 17.54  | 19.50 |
| 1.4             | QPSK   | 3 | 3 | 17.41  | 17.55  | 17.41  | 19.50 |
| 1.4             | QPSK   | 6 | 0 | 17.54  | 17.68  | 17.56  | 19.50 |
| 1.4             | 16QAM  | 1 | 0 | 17.39  | 17.52  | 17.55  | 19.50 |
| 1.4             | 16QAM  | 1 | 3 | 17.25  | 17.37  | 17.37  | 19.50 |
| 1.4             | 16QAM  | 1 | 5 | 17.38  | 17.47  | 17.50  | 19.50 |
| 1.4             | 16QAM  | 3 | 0 | 17.46  | 17.67  | 17.56  | 19.50 |
| 1.4             | 16QAM  | 3 | 1 | 17.38  | 17.53  | 17.32  | 19.50 |
| 1.4             | 16QAM  | 3 | 3 | 17.39  | 17.51  | 17.32  | 19.50 |
| 1.4             | 16QAM  | 6 | 0 | 17.22  | 17.42  | 17.37  | 19.50 |
| 1.4             | 64QAM  | 1 | 0 | 17.25  | 17.39  | 17.14  | 19.50 |
| 1.4             | 64QAM  | 1 | 3 | 17.30  | 17.38  | 17.29  | 19.50 |
| 1.4             | 64QAM  | 1 | 5 | 17.49  | 17.59  | 17.56  | 19.50 |
| 1.4             | 64QAM  | 3 | 0 | 17.32  | 17.50  | 17.37  | 19.50 |
| 1.4             | 64QAM  | 3 | 1 | 17.42  | 17.61  | 17.54  | 19.50 |
| 1.4             | 64QAM  | 3 | 3 | 17.37  | 17.50  | 17.30  | 19.50 |
| 1.4             | 64QAM  | 6 | 0 | 17.34  | 17.45  | 17.44  | 19.50 |
| 1.4             | 256QAM | 1 | 0 | 17.32  | 17.60  | 17.44  | 19.50 |
| 1.4             | 256QAM | 1 | 3 | 17.36  | 17.45  | 17.38  | 19.50 |
| 1.4             | 256QAM | 1 | 5 | 17.13  | 17.31  | 17.27  | 19.50 |
| 1.4             | 256QAM | 3 | 0 | 17.38  | 17.48  | 17.48  | 19.50 |
| 1.4             | 256QAM | 3 | 1 | 17.34  | 17.47  | 17.39  | 19.50 |
| 1.4             | 256QAM | 3 | 3 | 17.24  | 17.45  | 17.29  | 19.50 |
| 1.4             | 256QAM | 6 | 0 | 17.39  | 17.59  | 17.40  | 19.50 |

**【LTE Band 4\_Ant 5\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 23.43                    | 23.58                       | 23.51                     | 25.00                  |
| 20              | QPSK       | 1       | 49        | 23.39                    | 23.44                       | 23.41                     | 25.00                  |
| 20              | QPSK       | 1       | 99        | 23.33                    | 23.51                       | 23.29                     | 25.00                  |
| 20              | QPSK       | 50      | 0         | 22.42                    | 22.57                       | 22.39                     | 24.00                  |
| 20              | QPSK       | 50      | 24        | 22.36                    | 22.55                       | 22.34                     | 24.00                  |
| 20              | QPSK       | 50      | 50        | 22.40                    | 22.53                       | 22.36                     | 24.00                  |
| 20              | QPSK       | 100     | 0         | 22.48                    | 22.51                       | 22.32                     | 24.00                  |
| 20              | 16QAM      | 1       | 0         | 22.47                    | 22.64                       | 22.47                     | 24.00                  |
| 20              | 16QAM      | 1       | 49        | 22.48                    | 22.59                       | 22.43                     | 24.00                  |
| 20              | 16QAM      | 1       | 99        | 22.53                    | 22.71                       | 22.51                     | 24.00                  |
| 20              | 16QAM      | 50      | 0         | 21.44                    | 21.52                       | 21.31                     | 23.00                  |
| 20              | 16QAM      | 50      | 24        | 21.44                    | 21.51                       | 21.39                     | 23.00                  |
| 20              | 16QAM      | 50      | 50        | 21.40                    | 21.53                       | 21.47                     | 23.00                  |
| 20              | 16QAM      | 100     | 0         | 21.43                    | 21.54                       | 21.31                     | 23.00                  |
| 20              | 64QAM      | 1       | 0         | 21.42                    | 21.59                       | 21.44                     | 23.00                  |
| 20              | 64QAM      | 1       | 49        | 21.44                    | 21.70                       | 21.49                     | 23.00                  |
| 20              | 64QAM      | 1       | 99        | 21.52                    | 21.75                       | 21.54                     | 23.00                  |
| 20              | 64QAM      | 50      | 0         | 20.31                    | 20.55                       | 20.36                     | 22.00                  |
| 20              | 64QAM      | 50      | 24        | 20.37                    | 20.49                       | 20.26                     | 22.00                  |
| 20              | 64QAM      | 50      | 50        | 20.46                    | 20.53                       | 20.36                     | 22.00                  |
| 20              | 64QAM      | 100     | 0         | 20.39                    | 20.60                       | 20.43                     | 22.00                  |
| 20              | 256QAM     | 1       | 0         | 18.42                    | 18.58                       | 18.29                     | 20.00                  |
| 20              | 256QAM     | 1       | 49        | 18.48                    | 18.69                       | 18.55                     | 20.00                  |
| 20              | 256QAM     | 1       | 99        | 18.47                    | 18.65                       | 18.46                     | 20.00                  |
| 20              | 256QAM     | 50      | 0         | 18.38                    | 18.45                       | 18.27                     | 20.00                  |
| 20              | 256QAM     | 50      | 24        | 18.39                    | 18.49                       | 18.33                     | 20.00                  |
| 20              | 256QAM     | 50      | 50        | 18.43                    | 18.52                       | 18.37                     | 20.00                  |
| 20              | 256QAM     | 100     | 0         | 18.36                    | 18.59                       | 18.43                     | 20.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 23.40                    | 23.53                       | 23.37                     | 25.00                  |
| 15              | QPSK       | 1       | 37        | 23.30                    | 23.30                       | 23.39                     | 25.00                  |
| 15              | QPSK       | 1       | 74        | 23.21                    | 23.48                       | 23.28                     | 25.00                  |
| 15              | QPSK       | 36      | 0         | 22.32                    | 22.44                       | 22.30                     | 24.00                  |
| 15              | QPSK       | 36      | 20        | 22.26                    | 22.46                       | 22.22                     | 24.00                  |
| 15              | QPSK       | 36      | 39        | 22.29                    | 22.46                       | 22.33                     | 24.00                  |
| 15              | QPSK       | 75      | 0         | 22.35                    | 22.40                       | 22.29                     | 24.00                  |



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|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 22.44  | 22.60  | 22.35  | 24.00         |
| 15              | 16QAM  | 1  | 37 | 22.45  | 22.57  | 22.29  | 24.00         |
| 15              | 16QAM  | 1  | 74 | 22.41  | 22.65  | 22.36  | 24.00         |
| 15              | 16QAM  | 36 | 0  | 21.29  | 21.51  | 21.21  | 23.00         |
| 15              | 16QAM  | 36 | 20 | 21.33  | 21.38  | 21.35  | 23.00         |
| 15              | 16QAM  | 36 | 39 | 21.28  | 21.52  | 21.43  | 23.00         |
| 15              | 16QAM  | 75 | 0  | 21.38  | 21.48  | 21.24  | 23.00         |
| 15              | 64QAM  | 1  | 0  | 21.28  | 21.52  | 21.32  | 23.00         |
| 15              | 64QAM  | 1  | 37 | 21.34  | 21.66  | 21.39  | 23.00         |
| 15              | 64QAM  | 1  | 74 | 21.39  | 21.73  | 21.53  | 23.00         |
| 15              | 64QAM  | 36 | 0  | 20.30  | 20.53  | 20.25  | 22.00         |
| 15              | 64QAM  | 36 | 20 | 20.30  | 20.39  | 20.15  | 22.00         |
| 15              | 64QAM  | 36 | 39 | 20.32  | 20.40  | 20.25  | 22.00         |
| 15              | 64QAM  | 75 | 0  | 20.37  | 20.58  | 20.29  | 22.00         |
| 15              | 256QAM | 1  | 0  | 18.34  | 18.49  | 18.15  | 20.00         |
| 15              | 256QAM | 1  | 37 | 18.35  | 18.65  | 18.45  | 20.00         |
| 15              | 256QAM | 1  | 74 | 18.33  | 18.62  | 18.45  | 20.00         |
| 15              | 256QAM | 36 | 0  | 18.25  | 18.41  | 18.26  | 20.00         |
| 15              | 256QAM | 36 | 20 | 18.30  | 18.36  | 18.30  | 20.00         |
| 15              | 256QAM | 36 | 39 | 18.41  | 18.49  | 18.36  | 20.00         |
| 15              | 256QAM | 75 | 0  | 18.28  | 18.46  | 18.34  | 20.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 23.38  | 23.47  | 23.46  | 25.00         |
| 10              | QPSK   | 1  | 25 | 23.29  | 23.33  | 23.37  | 25.00         |
| 10              | QPSK   | 1  | 49 | 23.23  | 23.36  | 23.17  | 25.00         |
| 10              | QPSK   | 25 | 0  | 22.31  | 22.53  | 22.35  | 24.00         |
| 10              | QPSK   | 25 | 12 | 22.32  | 22.41  | 22.23  | 24.00         |
| 10              | QPSK   | 25 | 25 | 22.34  | 22.43  | 22.31  | 24.00         |
| 10              | QPSK   | 50 | 0  | 22.35  | 22.40  | 22.21  | 24.00         |
| 10              | 16QAM  | 1  | 0  | 22.46  | 22.53  | 22.35  | 24.00         |
| 10              | 16QAM  | 1  | 25 | 22.42  | 22.53  | 22.33  | 24.00         |
| 10              | 16QAM  | 1  | 49 | 22.43  | 22.66  | 22.36  | 24.00         |
| 10              | 16QAM  | 25 | 0  | 21.33  | 21.46  | 21.17  | 23.00         |
| 10              | 16QAM  | 25 | 12 | 21.35  | 21.43  | 21.32  | 23.00         |
| 10              | 16QAM  | 25 | 25 | 21.30  | 21.44  | 21.41  | 23.00         |
| 10              | 16QAM  | 50 | 0  | 21.37  | 21.40  | 21.24  | 23.00         |
| 10              | 64QAM  | 1  | 0  | 21.35  | 21.55  | 21.33  | 23.00         |
| 10              | 64QAM  | 1  | 25 | 21.30  | 21.66  | 21.36  | 23.00         |
| 10              | 64QAM  | 1  | 49 | 21.49  | 21.61  | 21.40  | 23.00         |
| 10              | 64QAM  | 25 | 0  | 20.16  | 20.41  | 20.27  | 22.00         |
| 10              | 64QAM  | 25 | 12 | 20.32  | 20.34  | 20.21  | 22.00         |
| 10              | 64QAM  | 25 | 25 | 20.36  | 20.39  | 20.30  | 22.00         |
| 10              | 64QAM  | 50 | 0  | 20.35  | 20.47  | 20.35  | 22.00         |
| 10              | 256QAM | 1  | 0  | 18.31  | 18.55  | 18.23  | 20.00         |
| 10              | 256QAM | 1  | 25 | 18.39  | 18.64  | 18.44  | 20.00         |
| 10              | 256QAM | 1  | 49 | 18.33  | 18.60  | 18.38  | 20.00         |
| 10              | 256QAM | 25 | 0  | 18.24  | 18.32  | 18.12  | 20.00         |
| 10              | 256QAM | 25 | 12 | 18.29  | 18.45  | 18.20  | 20.00         |
| 10              | 256QAM | 25 | 25 | 18.40  | 18.49  | 18.31  | 20.00         |
| 10              | 256QAM | 50 | 0  | 18.35  | 18.58  | 18.31  | 20.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 23.39  | 23.56  | 23.40  | 25.00         |
| 5               | QPSK   | 1  | 12 | 23.33  | 23.35  | 23.27  | 25.00         |
| 5               | QPSK   | 1  | 24 | 23.31  | 23.37  | 23.20  | 25.00         |
| 5               | QPSK   | 12 | 0  | 22.33  | 22.52  | 22.25  | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.28  | 22.44  | 22.26  | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.34  | 22.48  | 22.30  | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.33  | 22.36  | 22.29  | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.41  | 22.53  | 22.33  | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.36  | 22.46  | 22.39  | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.42  | 22.56  | 22.49  | 24.00         |
| 5               | 16QAM  | 12 | 0  | 21.36  | 21.41  | 21.19  | 23.00         |
| 5               | 16QAM  | 12 | 7  | 21.30  | 21.37  | 21.29  | 23.00         |
| 5               | 16QAM  | 12 | 13 | 21.34  | 21.45  | 21.39  | 23.00         |
| 5               | 16QAM  | 25 | 0  | 21.39  | 21.51  | 21.23  | 23.00         |
| 5               | 64QAM  | 1  | 0  | 21.34  | 21.57  | 21.42  | 23.00         |
| 5               | 64QAM  | 1  | 12 | 21.29  | 21.66  | 21.40  | 23.00         |
| 5               | 64QAM  | 1  | 24 | 21.46  | 21.60  | 21.50  | 23.00         |
| 5               | 64QAM  | 12 | 0  | 20.21  | 20.47  | 20.29  | 22.00         |
| 5               | 64QAM  | 12 | 7  | 20.29  | 20.36  | 20.15  | 22.00         |
| 5               | 64QAM  | 12 | 13 | 20.36  | 20.41  | 20.22  | 22.00         |
| 5               | 64QAM  | 25 | 0  | 20.30  | 20.52  | 20.29  | 22.00         |
| 5               | 256QAM | 1  | 0  | 18.33  | 18.43  | 18.15  | 20.00         |
| 5               | 256QAM | 1  | 12 | 18.46  | 18.54  | 18.49  | 20.00         |
| 5               | 256QAM | 1  | 24 | 18.35  | 18.53  | 18.37  | 20.00         |
| 5               | 256QAM | 12 | 0  | 18.32  | 18.30  | 18.19  | 20.00         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 18.38  | 18.43  | 18.27  | 20.00                  |
| 5               | 256QAM | 12 | 13 | 18.34  | 18.48  | 18.27  | 20.00                  |
| 5               | 256QAM | 25 | 0  | 18.30  | 18.47  | 18.38  | 20.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 23.35  | 23.53  | 23.48  | 25.00                  |
| 3               | QPSK   | 1  | 8  | 23.30  | 23.37  | 23.26  | 25.00                  |
| 3               | QPSK   | 1  | 14 | 23.22  | 23.49  | 23.24  | 25.00                  |
| 3               | QPSK   | 8  | 0  | 22.36  | 22.51  | 22.25  | 24.00                  |
| 3               | QPSK   | 8  | 4  | 22.32  | 22.48  | 22.20  | 24.00                  |
| 3               | QPSK   | 8  | 7  | 22.26  | 22.42  | 22.31  | 24.00                  |
| 3               | QPSK   | 15 | 0  | 22.36  | 22.39  | 22.28  | 24.00                  |
| 3               | 16QAM  | 1  | 0  | 22.46  | 22.61  | 22.35  | 24.00                  |
| 3               | 16QAM  | 1  | 8  | 22.43  | 22.47  | 22.31  | 24.00                  |
| 3               | 16QAM  | 1  | 14 | 22.46  | 22.60  | 22.49  | 24.00                  |
| 3               | 16QAM  | 8  | 0  | 21.34  | 21.39  | 21.23  | 23.00                  |
| 3               | 16QAM  | 8  | 4  | 21.40  | 21.45  | 21.24  | 23.00                  |
| 3               | 16QAM  | 8  | 7  | 21.35  | 21.39  | 21.36  | 23.00                  |
| 3               | 16QAM  | 15 | 0  | 21.34  | 21.51  | 21.27  | 23.00                  |
| 3               | 64QAM  | 1  | 0  | 21.35  | 21.47  | 21.36  | 23.00                  |
| 3               | 64QAM  | 1  | 8  | 21.40  | 21.66  | 21.38  | 23.00                  |
| 3               | 64QAM  | 1  | 14 | 21.43  | 21.68  | 21.44  | 23.00                  |
| 3               | 64QAM  | 8  | 0  | 20.30  | 20.51  | 20.33  | 22.00                  |
| 3               | 64QAM  | 8  | 4  | 20.34  | 20.44  | 20.13  | 22.00                  |
| 3               | 64QAM  | 8  | 7  | 20.35  | 20.39  | 20.27  | 22.00                  |
| 3               | 64QAM  | 15 | 0  | 20.29  | 20.56  | 20.29  | 22.00                  |
| 3               | 256QAM | 1  | 0  | 18.40  | 18.53  | 18.18  | 20.00                  |
| 3               | 256QAM | 1  | 8  | 18.35  | 18.57  | 18.51  | 20.00                  |
| 3               | 256QAM | 1  | 14 | 18.43  | 18.61  | 18.36  | 20.00                  |
| 3               | 256QAM | 8  | 0  | 18.26  | 18.31  | 18.16  | 20.00                  |
| 3               | 256QAM | 8  | 4  | 18.26  | 18.40  | 18.25  | 20.00                  |
| 3               | 256QAM | 8  | 7  | 18.39  | 18.40  | 18.29  | 20.00                  |
| 3               | 256QAM | 15 | 0  | 18.31  | 18.52  | 18.35  | 20.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 23.40  | 23.48  | 23.37  | 25.00                  |
| 1.4             | QPSK   | 1  | 3  | 23.26  | 23.36  | 23.32  | 25.00                  |
| 1.4             | QPSK   | 1  | 5  | 23.26  | 23.42  | 23.19  | 25.00                  |
| 1.4             | QPSK   | 3  | 0  | 23.33  | 23.50  | 23.31  | 25.00                  |
| 1.4             | QPSK   | 3  | 1  | 23.31  | 23.44  | 23.33  | 25.00                  |
| 1.4             | QPSK   | 3  | 3  | 23.26  | 23.46  | 23.28  | 25.00                  |
| 1.4             | QPSK   | 6  | 0  | 22.40  | 22.43  | 22.28  | 24.00                  |
| 1.4             | 16QAM  | 1  | 0  | 22.36  | 22.56  | 22.34  | 24.00                  |
| 1.4             | 16QAM  | 1  | 3  | 22.36  | 22.49  | 22.33  | 24.00                  |
| 1.4             | 16QAM  | 1  | 5  | 22.42  | 22.69  | 22.46  | 24.00                  |
| 1.4             | 16QAM  | 3  | 0  | 22.38  | 22.40  | 22.30  | 24.00                  |
| 1.4             | 16QAM  | 3  | 1  | 22.41  | 22.49  | 22.26  | 24.00                  |
| 1.4             | 16QAM  | 3  | 3  | 22.29  | 22.38  | 22.38  | 24.00                  |
| 1.4             | 16QAM  | 6  | 0  | 21.33  | 21.40  | 21.26  | 23.00                  |
| 1.4             | 64QAM  | 1  | 0  | 21.32  | 21.49  | 21.33  | 23.00                  |
| 1.4             | 64QAM  | 1  | 3  | 21.38  | 21.57  | 21.37  | 23.00                  |
| 1.4             | 64QAM  | 1  | 5  | 21.49  | 21.66  | 21.47  | 23.00                  |
| 1.4             | 64QAM  | 3  | 0  | 21.21  | 21.47  | 21.31  | 23.00                  |
| 1.4             | 64QAM  | 3  | 1  | 21.36  | 21.44  | 21.15  | 23.00                  |
| 1.4             | 64QAM  | 3  | 3  | 21.32  | 21.48  | 21.33  | 23.00                  |
| 1.4             | 64QAM  | 6  | 0  | 20.36  | 20.50  | 20.35  | 22.00                  |
| 1.4             | 256QAM | 1  | 0  | 18.29  | 18.53  | 18.22  | 20.00                  |
| 1.4             | 256QAM | 1  | 3  | 18.37  | 18.62  | 18.51  | 20.00                  |
| 1.4             | 256QAM | 1  | 5  | 18.34  | 18.57  | 18.42  | 20.00                  |
| 1.4             | 256QAM | 3  | 0  | 18.30  | 18.38  | 18.13  | 20.00                  |
| 1.4             | 256QAM | 3  | 1  | 18.34  | 18.37  | 18.31  | 20.00                  |
| 1.4             | 256QAM | 3  | 3  | 18.39  | 18.37  | 18.26  | 20.00                  |
| 1.4             | 256QAM | 6  | 0  | 18.31  | 18.46  | 18.39  | 20.00                  |



## 【LTE Band 4\_Ant 5\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 24.02                    | 24.03                       | 24.01                     | 25.50                  |
| 20              | QPSK       | 1       | 49        | 23.96                    | 24.01                       | 23.95                     | 25.50                  |
| 20              | QPSK       | 1       | 99        | 24.01                    | 24.02                       | 23.99                     | 25.50                  |
| 20              | QPSK       | 50      | 0         | 23.00                    | 23.05                       | 22.95                     | 24.50                  |
| 20              | QPSK       | 50      | 24        | 22.86                    | 22.94                       | 22.86                     | 24.50                  |
| 20              | QPSK       | 50      | 50        | 22.91                    | 22.94                       | 22.94                     | 24.50                  |
| 20              | QPSK       | 100     | 0         | 22.97                    | 23.04                       | 22.98                     | 24.50                  |
| 20              | 16QAM      | 1       | 0         | 22.97                    | 23.13                       | 23.06                     | 24.50                  |
| 20              | 16QAM      | 1       | 49        | 22.93                    | 22.99                       | 22.92                     | 24.50                  |
| 20              | 16QAM      | 1       | 99        | 23.02                    | 23.08                       | 23.00                     | 24.50                  |
| 20              | 16QAM      | 50      | 0         | 21.89                    | 21.98                       | 21.91                     | 23.50                  |
| 20              | 16QAM      | 50      | 24        | 21.95                    | 22.01                       | 21.90                     | 23.50                  |
| 20              | 16QAM      | 50      | 50        | 21.80                    | 21.94                       | 21.89                     | 23.50                  |
| 20              | 16QAM      | 100     | 0         | 21.80                    | 21.93                       | 21.84                     | 23.50                  |
| 20              | 64QAM      | 1       | 0         | 21.81                    | 21.90                       | 21.84                     | 23.50                  |
| 20              | 64QAM      | 1       | 49        | 21.61                    | 21.74                       | 21.65                     | 23.50                  |
| 20              | 64QAM      | 1       | 99        | 21.82                    | 21.96                       | 21.87                     | 23.50                  |
| 20              | 64QAM      | 50      | 0         | 20.95                    | 21.04                       | 20.94                     | 22.50                  |
| 20              | 64QAM      | 50      | 24        | 20.81                    | 20.92                       | 20.80                     | 22.50                  |
| 20              | 64QAM      | 50      | 50        | 20.84                    | 20.94                       | 20.95                     | 22.50                  |
| 20              | 64QAM      | 100     | 0         | 20.85                    | 21.04                       | 20.88                     | 22.50                  |
| 20              | 256QAM     | 1       | 0         | 18.78                    | 18.93                       | 18.89                     | 20.50                  |
| 20              | 256QAM     | 1       | 49        | 18.88                    | 18.95                       | 18.77                     | 20.50                  |
| 20              | 256QAM     | 1       | 99        | 18.93                    | 18.91                       | 18.87                     | 20.50                  |
| 20              | 256QAM     | 50      | 0         | 18.94                    | 19.02                       | 18.94                     | 20.50                  |
| 20              | 256QAM     | 50      | 24        | 18.94                    | 19.04                       | 18.94                     | 20.50                  |
| 20              | 256QAM     | 50      | 50        | 18.82                    | 18.92                       | 18.84                     | 20.50                  |
| 20              | 256QAM     | 100     | 0         | 18.87                    | 19.00                       | 18.97                     | 20.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 23.95                    | 23.96                       | 23.96                     | 25.50                  |
| 15              | QPSK       | 1       | 37        | 23.94                    | 23.99                       | 23.81                     | 25.50                  |
| 15              | QPSK       | 1       | 74        | 23.98                    | 24.01                       | 23.90                     | 25.50                  |
| 15              | QPSK       | 36      | 0         | 22.98                    | 22.93                       | 22.86                     | 24.50                  |
| 15              | QPSK       | 36      | 20        | 22.72                    | 22.87                       | 22.85                     | 24.50                  |
| 15              | QPSK       | 36      | 39        | 22.86                    | 22.92                       | 22.80                     | 24.50                  |
| 15              | QPSK       | 75      | 0         | 22.88                    | 22.92                       | 22.89                     | 24.50                  |
| 15              | 16QAM      | 1       | 0         | 22.85                    | 22.99                       | 22.96                     | 24.50                  |
| 15              | 16QAM      | 1       | 37        | 22.80                    | 22.89                       | 22.90                     | 24.50                  |
| 15              | 16QAM      | 1       | 74        | 22.97                    | 23.05                       | 22.95                     | 24.50                  |
| 15              | 16QAM      | 36      | 0         | 21.78                    | 21.85                       | 21.87                     | 23.50                  |
| 15              | 16QAM      | 36      | 20        | 21.80                    | 21.92                       | 21.86                     | 23.50                  |
| 15              | 16QAM      | 36      | 39        | 21.78                    | 21.88                       | 21.83                     | 23.50                  |
| 15              | 16QAM      | 75      | 0         | 21.76                    | 21.85                       | 21.81                     | 23.50                  |
| 15              | 64QAM      | 1       | 0         | 21.77                    | 21.78                       | 21.83                     | 23.50                  |
| 15              | 64QAM      | 1       | 37        | 21.56                    | 21.72                       | 21.60                     | 23.50                  |
| 15              | 64QAM      | 1       | 74        | 21.78                    | 21.95                       | 21.74                     | 23.50                  |
| 15              | 64QAM      | 36      | 0         | 20.81                    | 20.94                       | 20.82                     | 22.50                  |
| 15              | 64QAM      | 36      | 20        | 20.78                    | 20.83                       | 20.79                     | 22.50                  |
| 15              | 64QAM      | 36      | 39        | 20.80                    | 20.81                       | 20.90                     | 22.50                  |
| 15              | 64QAM      | 75      | 0         | 20.78                    | 20.99                       | 20.76                     | 22.50                  |
| 15              | 256QAM     | 1       | 0         | 18.64                    | 18.92                       | 18.82                     | 20.50                  |
| 15              | 256QAM     | 1       | 37        | 18.83                    | 18.92                       | 18.63                     | 20.50                  |
| 15              | 256QAM     | 1       | 74        | 18.81                    | 18.82                       | 18.84                     | 20.50                  |
| 15              | 256QAM     | 36      | 0         | 18.84                    | 18.88                       | 18.82                     | 20.50                  |
| 15              | 256QAM     | 36      | 20        | 18.81                    | 18.92                       | 18.85                     | 20.50                  |
| 15              | 256QAM     | 36      | 39        | 18.77                    | 18.90                       | 18.72                     | 20.50                  |
| 15              | 256QAM     | 75      | 0         | 18.77                    | 18.91                       | 18.91                     | 20.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 23.95                    | 24.02                       | 23.92                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 23.84                    | 23.94                       | 23.87                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 23.92                    | 23.98                       | 23.95                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 22.90                    | 22.97                       | 22.92                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 22.75                    | 22.90                       | 22.73                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 22.79                    | 22.81                       | 22.87                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 22.92                    | 22.93                       | 22.89                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 22.84                    | 23.07                       | 22.93                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 22.87                    | 22.93                       | 22.91                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.01                    | 23.03                       | 22.90                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 21.84                    | 21.90                       | 21.80                     | 23.50                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 16QAM  | 25 | 12 | 21.81  | 21.97  | 21.75  | 23.50         |
| 10              | 16QAM  | 25 | 25 | 21.77  | 21.91  | 21.84  | 23.50         |
| 10              | 16QAM  | 50 | 0  | 21.67  | 21.83  | 21.75  | 23.50         |
| 10              | 64QAM  | 1  | 0  | 21.69  | 21.88  | 21.71  | 23.50         |
| 10              | 64QAM  | 1  | 25 | 21.48  | 21.69  | 21.64  | 23.50         |
| 10              | 64QAM  | 1  | 49 | 21.69  | 21.85  | 21.78  | 23.50         |
| 10              | 64QAM  | 25 | 0  | 20.82  | 20.90  | 20.85  | 22.50         |
| 10              | 64QAM  | 25 | 12 | 20.79  | 20.91  | 20.75  | 22.50         |
| 10              | 64QAM  | 25 | 25 | 20.73  | 20.86  | 20.90  | 22.50         |
| 10              | 64QAM  | 50 | 0  | 20.72  | 20.90  | 20.74  | 22.50         |
| 10              | 256QAM | 1  | 0  | 18.66  | 18.83  | 18.83  | 20.50         |
| 10              | 256QAM | 1  | 25 | 18.76  | 18.89  | 18.70  | 20.50         |
| 10              | 256QAM | 1  | 49 | 18.82  | 18.84  | 18.85  | 20.50         |
| 10              | 256QAM | 25 | 0  | 18.87  | 18.87  | 18.84  | 20.50         |
| 10              | 256QAM | 25 | 12 | 18.92  | 19.01  | 18.82  | 20.50         |
| 10              | 256QAM | 25 | 25 | 18.76  | 18.87  | 18.80  | 20.50         |
| 10              | 256QAM | 50 | 0  | 18.86  | 18.89  | 18.82  | 20.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.01  | 23.90  | 23.93  | 25.50         |
| 5               | QPSK   | 1  | 12 | 23.94  | 23.91  | 23.89  | 25.50         |
| 5               | QPSK   | 1  | 24 | 23.89  | 23.91  | 23.89  | 25.50         |
| 5               | QPSK   | 12 | 0  | 22.93  | 22.92  | 22.85  | 24.50         |
| 5               | QPSK   | 12 | 7  | 22.72  | 22.85  | 22.72  | 24.50         |
| 5               | QPSK   | 12 | 13 | 22.78  | 22.87  | 22.88  | 24.50         |
| 5               | QPSK   | 25 | 0  | 22.87  | 22.99  | 22.88  | 24.50         |
| 5               | 16QAM  | 1  | 0  | 22.85  | 22.98  | 22.96  | 24.50         |
| 5               | 16QAM  | 1  | 12 | 22.88  | 22.84  | 22.87  | 24.50         |
| 5               | 16QAM  | 1  | 24 | 22.89  | 23.04  | 22.90  | 24.50         |
| 5               | 16QAM  | 12 | 0  | 21.84  | 21.87  | 21.88  | 23.50         |
| 5               | 16QAM  | 12 | 7  | 21.89  | 21.99  | 21.78  | 23.50         |
| 5               | 16QAM  | 12 | 13 | 21.77  | 21.81  | 21.80  | 23.50         |
| 5               | 16QAM  | 25 | 0  | 21.67  | 21.89  | 21.82  | 23.50         |
| 5               | 64QAM  | 1  | 0  | 21.76  | 21.87  | 21.76  | 23.50         |
| 5               | 64QAM  | 1  | 12 | 21.60  | 21.71  | 21.61  | 23.50         |
| 5               | 64QAM  | 1  | 24 | 21.80  | 21.83  | 21.80  | 23.50         |
| 5               | 64QAM  | 12 | 0  | 20.84  | 20.95  | 20.90  | 22.50         |
| 5               | 64QAM  | 12 | 7  | 20.71  | 20.89  | 20.78  | 22.50         |
| 5               | 64QAM  | 12 | 13 | 20.72  | 20.91  | 20.87  | 22.50         |
| 5               | 64QAM  | 25 | 0  | 20.79  | 20.90  | 20.83  | 22.50         |
| 5               | 256QAM | 1  | 0  | 18.73  | 18.78  | 18.83  | 20.50         |
| 5               | 256QAM | 1  | 12 | 18.81  | 18.86  | 18.62  | 20.50         |
| 5               | 256QAM | 1  | 24 | 18.80  | 18.80  | 18.83  | 20.50         |
| 5               | 256QAM | 12 | 0  | 18.87  | 18.97  | 18.82  | 20.50         |
| 5               | 256QAM | 12 | 7  | 18.80  | 18.91  | 18.89  | 20.50         |
| 5               | 256QAM | 12 | 13 | 18.80  | 18.88  | 18.81  | 20.50         |
| 5               | 256QAM | 25 | 0  | 18.73  | 18.91  | 18.87  | 20.50         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 23.94  | 23.96  | 23.96  | 25.50         |
| 3               | QPSK   | 1  | 8  | 23.85  | 23.94  | 23.88  | 25.50         |
| 3               | QPSK   | 1  | 14 | 23.92  | 23.88  | 23.90  | 25.50         |
| 3               | QPSK   | 8  | 0  | 22.87  | 22.98  | 22.81  | 24.50         |
| 3               | QPSK   | 8  | 4  | 22.73  | 22.88  | 22.82  | 24.50         |
| 3               | QPSK   | 8  | 7  | 22.78  | 22.81  | 22.80  | 24.50         |
| 3               | QPSK   | 15 | 0  | 22.92  | 22.99  | 22.97  | 24.50         |
| 3               | 16QAM  | 1  | 0  | 22.87  | 23.02  | 22.97  | 24.50         |
| 3               | 16QAM  | 1  | 8  | 22.84  | 22.92  | 22.82  | 24.50         |
| 3               | 16QAM  | 1  | 14 | 22.93  | 23.03  | 22.95  | 24.50         |
| 3               | 16QAM  | 8  | 0  | 21.80  | 21.96  | 21.79  | 23.50         |
| 3               | 16QAM  | 8  | 4  | 21.86  | 21.89  | 21.82  | 23.50         |
| 3               | 16QAM  | 8  | 7  | 21.67  | 21.84  | 21.80  | 23.50         |
| 3               | 16QAM  | 15 | 0  | 21.72  | 21.89  | 21.69  | 23.50         |
| 3               | 64QAM  | 1  | 0  | 21.72  | 21.84  | 21.72  | 23.50         |
| 3               | 64QAM  | 1  | 8  | 21.59  | 21.66  | 21.52  | 23.50         |
| 3               | 64QAM  | 1  | 14 | 21.77  | 21.94  | 21.73  | 23.50         |
| 3               | 64QAM  | 8  | 0  | 20.91  | 20.89  | 20.83  | 22.50         |
| 3               | 64QAM  | 8  | 4  | 20.68  | 20.82  | 20.75  | 22.50         |
| 3               | 64QAM  | 8  | 7  | 20.70  | 20.87  | 20.93  | 22.50         |
| 3               | 64QAM  | 15 | 0  | 20.77  | 21.02  | 20.86  | 22.50         |
| 3               | 256QAM | 1  | 0  | 18.69  | 18.82  | 18.80  | 20.50         |
| 3               | 256QAM | 1  | 8  | 18.84  | 18.80  | 18.75  | 20.50         |
| 3               | 256QAM | 1  | 14 | 18.91  | 18.89  | 18.75  | 20.50         |
| 3               | 256QAM | 8  | 0  | 18.92  | 18.91  | 18.88  | 20.50         |
| 3               | 256QAM | 8  | 4  | 18.81  | 18.91  | 18.93  | 20.50         |
| 3               | 256QAM | 8  | 7  | 18.69  | 18.79  | 18.69  | 20.50         |
| 3               | 256QAM | 15 | 0  | 18.73  | 18.98  | 18.83  | 20.50         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 23.89  | 23.94  | 23.91  | 25.50 |
| 1.4             | QPSK   | 1 | 3 | 23.81  | 23.88  | 23.83  | 25.50 |
| 1.4             | QPSK   | 1 | 5 | 23.91  | 23.99  | 23.86  | 25.50 |
| 1.4             | QPSK   | 3 | 0 | 23.97  | 23.93  | 23.83  | 25.50 |
| 1.4             | QPSK   | 3 | 1 | 23.82  | 23.87  | 23.79  | 25.50 |
| 1.4             | QPSK   | 3 | 3 | 23.87  | 23.91  | 23.83  | 25.50 |
| 1.4             | QPSK   | 6 | 0 | 22.90  | 22.94  | 22.96  | 24.50 |
| 1.4             | 16QAM  | 1 | 0 | 22.94  | 23.02  | 22.95  | 24.50 |
| 1.4             | 16QAM  | 1 | 3 | 22.89  | 22.91  | 22.89  | 24.50 |
| 1.4             | 16QAM  | 1 | 5 | 22.95  | 22.93  | 22.97  | 24.50 |
| 1.4             | 16QAM  | 3 | 0 | 22.78  | 22.93  | 22.80  | 24.50 |
| 1.4             | 16QAM  | 3 | 1 | 22.87  | 22.87  | 22.79  | 24.50 |
| 1.4             | 16QAM  | 3 | 3 | 22.67  | 22.88  | 22.80  | 24.50 |
| 1.4             | 16QAM  | 6 | 0 | 21.71  | 21.82  | 21.71  | 23.50 |
| 1.4             | 64QAM  | 1 | 0 | 21.76  | 21.86  | 21.77  | 23.50 |
| 1.4             | 64QAM  | 1 | 3 | 21.50  | 21.70  | 21.61  | 23.50 |
| 1.4             | 64QAM  | 1 | 5 | 21.77  | 21.91  | 21.76  | 23.50 |
| 1.4             | 64QAM  | 3 | 0 | 21.87  | 22.01  | 21.86  | 23.50 |
| 1.4             | 64QAM  | 3 | 1 | 21.71  | 21.86  | 21.71  | 23.50 |
| 1.4             | 64QAM  | 3 | 3 | 21.72  | 21.92  | 21.88  | 23.50 |
| 1.4             | 64QAM  | 6 | 0 | 20.79  | 20.93  | 20.81  | 22.50 |
| 1.4             | 256QAM | 1 | 0 | 18.66  | 18.79  | 18.84  | 20.50 |
| 1.4             | 256QAM | 1 | 3 | 18.74  | 18.85  | 18.64  | 20.50 |
| 1.4             | 256QAM | 1 | 5 | 18.80  | 18.77  | 18.82  | 20.50 |
| 1.4             | 256QAM | 3 | 0 | 18.89  | 19.00  | 18.87  | 20.50 |
| 1.4             | 256QAM | 3 | 1 | 18.88  | 18.92  | 18.85  | 20.50 |
| 1.4             | 256QAM | 3 | 3 | 18.72  | 18.79  | 18.78  | 20.50 |
| 1.4             | 256QAM | 6 | 0 | 18.85  | 18.88  | 18.87  | 20.50 |

**【LTE Band 4\_Ant 5\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 21.70                    | 21.72                       | 21.71                     | 23.50                  |
| 20              | QPSK       | 1       | 49        | 21.67                    | 21.70                       | 21.65                     | 23.50                  |
| 20              | QPSK       | 1       | 99        | 21.68                    | 21.72                       | 21.67                     | 23.50                  |
| 20              | QPSK       | 50      | 0         | 20.62                    | 20.72                       | 20.65                     | 22.50                  |
| 20              | QPSK       | 50      | 24        | 20.56                    | 20.62                       | 20.59                     | 22.50                  |
| 20              | QPSK       | 50      | 50        | 20.58                    | 20.62                       | 20.61                     | 22.50                  |
| 20              | QPSK       | 100     | 0         | 20.63                    | 20.72                       | 20.67                     | 22.50                  |
| 20              | 16QAM      | 1       | 0         | 20.70                    | 20.82                       | 20.75                     | 22.50                  |
| 20              | 16QAM      | 1       | 49        | 20.59                    | 20.72                       | 20.64                     | 22.50                  |
| 20              | 16QAM      | 1       | 99        | 20.73                    | 20.82                       | 20.69                     | 22.50                  |
| 20              | 16QAM      | 50      | 0         | 19.60                    | 19.72                       | 19.58                     | 21.50                  |
| 20              | 16QAM      | 50      | 24        | 19.63                    | 19.72                       | 19.61                     | 21.50                  |
| 20              | 16QAM      | 50      | 50        | 19.55                    | 19.62                       | 19.57                     | 21.50                  |
| 20              | 16QAM      | 100     | 0         | 19.46                    | 19.62                       | 19.52                     | 21.50                  |
| 20              | 64QAM      | 1       | 0         | 19.49                    | 19.62                       | 19.57                     | 21.50                  |
| 20              | 64QAM      | 1       | 49        | 19.33                    | 19.42                       | 19.33                     | 21.50                  |
| 20              | 64QAM      | 1       | 99        | 19.48                    | 19.62                       | 19.56                     | 21.50                  |
| 20              | 64QAM      | 50      | 0         | 18.65                    | 18.72                       | 18.61                     | 20.50                  |
| 20              | 64QAM      | 50      | 24        | 18.55                    | 18.62                       | 18.51                     | 20.50                  |
| 20              | 64QAM      | 50      | 50        | 18.57                    | 18.62                       | 18.60                     | 20.50                  |
| 20              | 64QAM      | 100     | 0         | 18.59                    | 18.72                       | 18.60                     | 20.50                  |
| 20              | 256QAM     | 1       | 0         | 16.52                    | 16.62                       | 16.56                     | 18.50                  |
| 20              | 256QAM     | 1       | 49        | 16.58                    | 16.62                       | 16.48                     | 18.50                  |
| 20              | 256QAM     | 1       | 99        | 16.58                    | 16.62                       | 16.58                     | 18.50                  |
| 20              | 256QAM     | 50      | 0         | 16.65                    | 16.72                       | 16.62                     | 18.50                  |
| 20              | 256QAM     | 50      | 24        | 16.68                    | 16.72                       | 16.63                     | 18.50                  |
| 20              | 256QAM     | 50      | 50        | 16.55                    | 16.62                       | 16.50                     | 18.50                  |
| 20              | 256QAM     | 100     | 0         | 16.59                    | 16.72                       | 16.69                     | 18.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 21.67                    | 21.68                       | 21.58                     | 23.50                  |
| 15              | QPSK       | 1       | 37        | 21.56                    | 21.68                       | 21.51                     | 23.50                  |
| 15              | QPSK       | 1       | 74        | 21.61                    | 21.70                       | 21.60                     | 23.50                  |
| 15              | QPSK       | 36      | 0         | 20.47                    | 20.70                       | 20.58                     | 22.50                  |
| 15              | QPSK       | 36      | 20        | 20.54                    | 20.49                       | 20.48                     | 22.50                  |
| 15              | QPSK       | 36      | 39        | 20.44                    | 20.53                       | 20.48                     | 22.50                  |
| 15              | QPSK       | 75      | 0         | 20.54                    | 20.68                       | 20.54                     | 22.50                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 20.60  | 20.76  | 20.63  | 22.50         |
| 15              | 16QAM  | 1  | 37 | 20.58  | 20.63  | 20.52  | 22.50         |
| 15              | 16QAM  | 1  | 74 | 20.66  | 20.72  | 20.55  | 22.50         |
| 15              | 16QAM  | 36 | 0  | 19.49  | 19.57  | 19.52  | 21.50         |
| 15              | 16QAM  | 36 | 20 | 19.51  | 19.62  | 19.58  | 21.50         |
| 15              | 16QAM  | 36 | 39 | 19.46  | 19.52  | 19.49  | 21.50         |
| 15              | 16QAM  | 75 | 0  | 19.32  | 19.59  | 19.40  | 21.50         |
| 15              | 64QAM  | 1  | 0  | 19.47  | 19.53  | 19.48  | 21.50         |
| 15              | 64QAM  | 1  | 37 | 19.30  | 19.36  | 19.21  | 21.50         |
| 15              | 64QAM  | 1  | 74 | 19.41  | 19.61  | 19.52  | 21.50         |
| 15              | 64QAM  | 36 | 0  | 18.60  | 18.65  | 18.55  | 20.50         |
| 15              | 64QAM  | 36 | 20 | 18.43  | 18.51  | 18.46  | 20.50         |
| 15              | 64QAM  | 36 | 39 | 18.43  | 18.60  | 18.59  | 20.50         |
| 15              | 64QAM  | 75 | 0  | 18.52  | 18.67  | 18.51  | 20.50         |
| 15              | 256QAM | 1  | 0  | 16.50  | 16.57  | 16.50  | 18.50         |
| 15              | 256QAM | 1  | 37 | 16.44  | 16.60  | 16.45  | 18.50         |
| 15              | 256QAM | 1  | 74 | 16.54  | 16.48  | 16.55  | 18.50         |
| 15              | 256QAM | 36 | 0  | 16.63  | 16.60  | 16.57  | 18.50         |
| 15              | 256QAM | 36 | 20 | 16.64  | 16.67  | 16.56  | 18.50         |
| 15              | 256QAM | 36 | 39 | 16.48  | 16.56  | 16.39  | 18.50         |
| 15              | 256QAM | 75 | 0  | 16.55  | 16.70  | 16.61  | 18.50         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 21.64  | 21.57  | 21.66  | 23.50         |
| 10              | QPSK   | 1  | 25 | 21.58  | 21.68  | 21.55  | 23.50         |
| 10              | QPSK   | 1  | 49 | 21.59  | 21.60  | 21.57  | 23.50         |
| 10              | QPSK   | 25 | 0  | 20.61  | 20.61  | 20.56  | 22.50         |
| 10              | QPSK   | 25 | 12 | 20.44  | 20.49  | 20.47  | 22.50         |
| 10              | QPSK   | 25 | 25 | 20.44  | 20.55  | 20.56  | 22.50         |
| 10              | QPSK   | 50 | 0  | 20.51  | 20.69  | 20.62  | 22.50         |
| 10              | 16QAM  | 1  | 0  | 20.60  | 20.79  | 20.65  | 22.50         |
| 10              | 16QAM  | 1  | 25 | 20.45  | 20.64  | 20.61  | 22.50         |
| 10              | 16QAM  | 1  | 49 | 20.66  | 20.72  | 20.56  | 22.50         |
| 10              | 16QAM  | 25 | 0  | 19.54  | 19.60  | 19.45  | 21.50         |
| 10              | 16QAM  | 25 | 12 | 19.62  | 19.71  | 19.51  | 21.50         |
| 10              | 16QAM  | 25 | 25 | 19.47  | 19.56  | 19.50  | 21.50         |
| 10              | 16QAM  | 50 | 0  | 19.43  | 19.48  | 19.38  | 21.50         |
| 10              | 64QAM  | 1  | 0  | 19.46  | 19.53  | 19.52  | 21.50         |
| 10              | 64QAM  | 1  | 25 | 19.26  | 19.35  | 19.29  | 21.50         |
| 10              | 64QAM  | 1  | 49 | 19.33  | 19.60  | 19.48  | 21.50         |
| 10              | 64QAM  | 25 | 0  | 18.60  | 18.61  | 18.58  | 20.50         |
| 10              | 64QAM  | 25 | 12 | 18.53  | 18.60  | 18.38  | 20.50         |
| 10              | 64QAM  | 25 | 25 | 18.56  | 18.59  | 18.57  | 20.50         |
| 10              | 64QAM  | 50 | 0  | 18.47  | 18.69  | 18.53  | 20.50         |
| 10              | 256QAM | 1  | 0  | 16.38  | 16.54  | 16.50  | 18.50         |
| 10              | 256QAM | 1  | 25 | 16.44  | 16.56  | 16.35  | 18.50         |
| 10              | 256QAM | 1  | 49 | 16.46  | 16.53  | 16.50  | 18.50         |
| 10              | 256QAM | 25 | 0  | 16.64  | 16.62  | 16.48  | 18.50         |
| 10              | 256QAM | 25 | 12 | 16.66  | 16.59  | 16.51  | 18.50         |
| 10              | 256QAM | 25 | 25 | 16.46  | 16.61  | 16.47  | 18.50         |
| 10              | 256QAM | 50 | 0  | 16.54  | 16.67  | 16.60  | 18.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 21.65  | 21.57  | 21.67  | 23.50         |
| 5               | QPSK   | 1  | 12 | 21.57  | 21.56  | 21.61  | 23.50         |
| 5               | QPSK   | 1  | 24 | 21.55  | 21.62  | 21.58  | 23.50         |
| 5               | QPSK   | 12 | 0  | 20.56  | 20.61  | 20.63  | 22.50         |
| 5               | QPSK   | 12 | 7  | 20.49  | 20.56  | 20.47  | 22.50         |
| 5               | QPSK   | 12 | 13 | 20.51  | 20.51  | 20.54  | 22.50         |
| 5               | QPSK   | 25 | 0  | 20.61  | 20.61  | 20.52  | 22.50         |
| 5               | 16QAM  | 1  | 0  | 20.58  | 20.74  | 20.62  | 22.50         |
| 5               | 16QAM  | 1  | 12 | 20.44  | 20.67  | 20.54  | 22.50         |
| 5               | 16QAM  | 1  | 24 | 20.63  | 20.75  | 20.59  | 22.50         |
| 5               | 16QAM  | 12 | 0  | 19.56  | 19.63  | 19.45  | 21.50         |
| 5               | 16QAM  | 12 | 7  | 19.62  | 19.60  | 19.53  | 21.50         |
| 5               | 16QAM  | 12 | 13 | 19.49  | 19.55  | 19.51  | 21.50         |
| 5               | 16QAM  | 25 | 0  | 19.36  | 19.54  | 19.40  | 21.50         |
| 5               | 64QAM  | 1  | 0  | 19.38  | 19.58  | 19.44  | 21.50         |
| 5               | 64QAM  | 1  | 12 | 19.30  | 19.37  | 19.20  | 21.50         |
| 5               | 64QAM  | 1  | 24 | 19.38  | 19.59  | 19.44  | 21.50         |
| 5               | 64QAM  | 12 | 0  | 18.51  | 18.68  | 18.56  | 20.50         |
| 5               | 64QAM  | 12 | 7  | 18.44  | 18.61  | 18.47  | 20.50         |
| 5               | 64QAM  | 12 | 13 | 18.49  | 18.58  | 18.47  | 20.50         |
| 5               | 64QAM  | 25 | 0  | 18.45  | 18.66  | 18.59  | 20.50         |
| 5               | 256QAM | 1  | 0  | 16.45  | 16.53  | 16.44  | 18.50         |
| 5               | 256QAM | 1  | 12 | 16.51  | 16.53  | 16.37  | 18.50         |
| 5               | 256QAM | 1  | 24 | 16.56  | 16.55  | 16.53  | 18.50         |
| 5               | 256QAM | 12 | 0  | 16.50  | 16.58  | 16.54  | 18.50         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 16.54  | 16.68  | 16.54  | 18.50                  |
| 5               | 256QAM | 12 | 13 | 16.51  | 16.53  | 16.39  | 18.50                  |
| 5               | 256QAM | 25 | 0  | 16.51  | 16.65  | 16.56  | 18.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 21.64  | 21.62  | 21.68  | 23.50                  |
| 3               | QPSK   | 1  | 8  | 21.65  | 21.68  | 21.61  | 23.50                  |
| 3               | QPSK   | 1  | 14 | 21.59  | 21.59  | 21.61  | 23.50                  |
| 3               | QPSK   | 8  | 0  | 20.49  | 20.66  | 20.57  | 22.50                  |
| 3               | QPSK   | 8  | 4  | 20.43  | 20.50  | 20.52  | 22.50                  |
| 3               | QPSK   | 8  | 7  | 20.51  | 20.59  | 20.54  | 22.50                  |
| 3               | QPSK   | 15 | 0  | 20.55  | 20.62  | 20.56  | 22.50                  |
| 3               | 16QAM  | 1  | 0  | 20.66  | 20.77  | 20.72  | 22.50                  |
| 3               | 16QAM  | 1  | 8  | 20.51  | 20.60  | 20.55  | 22.50                  |
| 3               | 16QAM  | 1  | 14 | 20.62  | 20.79  | 20.65  | 22.50                  |
| 3               | 16QAM  | 8  | 0  | 19.52  | 19.60  | 19.56  | 21.50                  |
| 3               | 16QAM  | 8  | 4  | 19.62  | 19.63  | 19.55  | 21.50                  |
| 3               | 16QAM  | 8  | 7  | 19.40  | 19.52  | 19.48  | 21.50                  |
| 3               | 16QAM  | 15 | 0  | 19.42  | 19.57  | 19.40  | 21.50                  |
| 3               | 64QAM  | 1  | 0  | 19.36  | 19.58  | 19.56  | 21.50                  |
| 3               | 64QAM  | 1  | 8  | 19.22  | 19.37  | 19.30  | 21.50                  |
| 3               | 64QAM  | 1  | 14 | 19.34  | 19.51  | 19.47  | 21.50                  |
| 3               | 64QAM  | 8  | 0  | 18.60  | 18.69  | 18.56  | 20.50                  |
| 3               | 64QAM  | 8  | 4  | 18.53  | 18.49  | 18.37  | 20.50                  |
| 3               | 64QAM  | 8  | 7  | 18.51  | 18.49  | 18.58  | 20.50                  |
| 3               | 64QAM  | 15 | 0  | 18.48  | 18.69  | 18.55  | 20.50                  |
| 3               | 256QAM | 1  | 0  | 16.48  | 16.50  | 16.46  | 18.50                  |
| 3               | 256QAM | 1  | 8  | 16.49  | 16.50  | 16.46  | 18.50                  |
| 3               | 256QAM | 1  | 14 | 16.44  | 16.54  | 16.51  | 18.50                  |
| 3               | 256QAM | 8  | 0  | 16.51  | 16.58  | 16.53  | 18.50                  |
| 3               | 256QAM | 8  | 4  | 16.60  | 16.64  | 16.50  | 18.50                  |
| 3               | 256QAM | 8  | 7  | 16.43  | 16.58  | 16.45  | 18.50                  |
| 3               | 256QAM | 15 | 0  | 16.57  | 16.60  | 16.55  | 18.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 21.56  | 21.59  | 21.59  | 23.50                  |
| 1.4             | QPSK   | 1  | 3  | 21.55  | 21.60  | 21.52  | 23.50                  |
| 1.4             | QPSK   | 1  | 5  | 21.59  | 21.60  | 21.58  | 23.50                  |
| 1.4             | QPSK   | 3  | 0  | 21.51  | 21.71  | 21.57  | 23.50                  |
| 1.4             | QPSK   | 3  | 1  | 21.51  | 21.59  | 21.44  | 23.50                  |
| 1.4             | QPSK   | 3  | 3  | 21.48  | 21.50  | 21.56  | 23.50                  |
| 1.4             | QPSK   | 6  | 0  | 20.50  | 20.67  | 20.58  | 22.50                  |
| 1.4             | 16QAM  | 1  | 0  | 20.62  | 20.75  | 20.66  | 22.50                  |
| 1.4             | 16QAM  | 1  | 3  | 20.48  | 20.62  | 20.55  | 22.50                  |
| 1.4             | 16QAM  | 1  | 5  | 20.72  | 20.80  | 20.61  | 22.50                  |
| 1.4             | 16QAM  | 3  | 0  | 20.54  | 20.61  | 20.45  | 22.50                  |
| 1.4             | 16QAM  | 3  | 1  | 20.60  | 20.71  | 20.53  | 22.50                  |
| 1.4             | 16QAM  | 3  | 3  | 20.53  | 20.56  | 20.42  | 22.50                  |
| 1.4             | 16QAM  | 6  | 0  | 19.40  | 19.57  | 19.38  | 21.50                  |
| 1.4             | 64QAM  | 1  | 0  | 19.38  | 19.48  | 19.51  | 21.50                  |
| 1.4             | 64QAM  | 1  | 3  | 19.26  | 19.35  | 19.23  | 21.50                  |
| 1.4             | 64QAM  | 1  | 5  | 19.42  | 19.59  | 19.43  | 21.50                  |
| 1.4             | 64QAM  | 3  | 0  | 19.50  | 19.63  | 19.51  | 21.50                  |
| 1.4             | 64QAM  | 3  | 1  | 19.49  | 19.56  | 19.43  | 21.50                  |
| 1.4             | 64QAM  | 3  | 3  | 19.43  | 19.51  | 19.54  | 21.50                  |
| 1.4             | 64QAM  | 6  | 0  | 18.50  | 18.60  | 18.46  | 20.50                  |
| 1.4             | 256QAM | 1  | 0  | 16.46  | 16.60  | 16.47  | 18.50                  |
| 1.4             | 256QAM | 1  | 3  | 16.53  | 16.60  | 16.35  | 18.50                  |
| 1.4             | 256QAM | 1  | 5  | 16.48  | 16.53  | 16.49  | 18.50                  |
| 1.4             | 256QAM | 3  | 0  | 16.60  | 16.62  | 16.53  | 18.50                  |
| 1.4             | 256QAM | 3  | 1  | 16.61  | 16.58  | 16.55  | 18.50                  |
| 1.4             | 256QAM | 3  | 3  | 16.42  | 16.50  | 16.47  | 18.50                  |
| 1.4             | 256QAM | 6  | 0  | 16.51  | 16.58  | 16.65  | 18.50                  |



## 【LTE Band 4\_Ant 5\_ECI1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.33                    | 17.46                       | 17.31                     | 19.00                  |
| 20              | QPSK       | 1       | 49        | 17.32                    | 17.35                       | 17.08                     | 19.00                  |
| 20              | QPSK       | 1       | 99        | 17.25                    | 17.32                       | 17.29                     | 19.00                  |
| 20              | QPSK       | 50      | 0         | 17.30                    | 17.42                       | 17.35                     | 19.00                  |
| 20              | QPSK       | 50      | 24        | 17.09                    | 17.36                       | 17.28                     | 19.00                  |
| 20              | QPSK       | 50      | 50        | 17.27                    | 17.23                       | 17.20                     | 19.00                  |
| 20              | QPSK       | 100     | 0         | 17.03                    | 17.27                       | 17.06                     | 19.00                  |
| 20              | 16QAM      | 1       | 0         | 17.12                    | 17.26                       | 17.12                     | 19.00                  |
| 20              | 16QAM      | 1       | 49        | 17.04                    | 17.34                       | 17.02                     | 19.00                  |
| 20              | 16QAM      | 1       | 99        | 17.18                    | 17.23                       | 17.05                     | 19.00                  |
| 20              | 16QAM      | 50      | 0         | 17.19                    | 17.28                       | 17.13                     | 19.00                  |
| 20              | 16QAM      | 50      | 24        | 17.04                    | 17.30                       | 17.13                     | 19.00                  |
| 20              | 16QAM      | 50      | 50        | 17.11                    | 17.22                       | 16.99                     | 19.00                  |
| 20              | 16QAM      | 100     | 0         | 16.92                    | 17.21                       | 17.01                     | 19.00                  |
| 20              | 64QAM      | 1       | 0         | 17.06                    | 17.24                       | 16.94                     | 19.00                  |
| 20              | 64QAM      | 1       | 49        | 17.00                    | 17.17                       | 16.92                     | 19.00                  |
| 20              | 64QAM      | 1       | 99        | 17.23                    | 17.31                       | 17.12                     | 19.00                  |
| 20              | 64QAM      | 50      | 0         | 17.16                    | 17.26                       | 17.03                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.15                    | 17.33                       | 17.10                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.14                    | 17.28                       | 17.06                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 16.95                    | 17.20                       | 16.99                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 17.11                    | 17.14                       | 16.95                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.09                    | 17.24                       | 17.02                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.15                    | 17.19                       | 17.06                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.22                    | 17.36                       | 17.12                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.15                    | 17.21                       | 17.15                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.12                    | 17.31                       | 17.16                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.10                    | 17.13                       | 17.14                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.19                    | 17.40                       | 17.24                     | 19.00                  |
| 15              | QPSK       | 1       | 37        | 17.21                    | 17.27                       | 16.96                     | 19.00                  |
| 15              | QPSK       | 1       | 74        | 17.14                    | 17.19                       | 17.26                     | 19.00                  |
| 15              | QPSK       | 36      | 0         | 17.27                    | 17.38                       | 17.31                     | 19.00                  |
| 15              | QPSK       | 36      | 20        | 17.05                    | 17.27                       | 17.20                     | 19.00                  |
| 15              | QPSK       | 36      | 39        | 17.26                    | 17.21                       | 17.17                     | 19.00                  |
| 15              | QPSK       | 75      | 0         | 16.95                    | 17.15                       | 17.03                     | 19.00                  |
| 15              | 16QAM      | 1       | 0         | 17.08                    | 17.15                       | 17.07                     | 19.00                  |
| 15              | 16QAM      | 1       | 37        | 16.96                    | 17.21                       | 17.01                     | 19.00                  |
| 15              | 16QAM      | 1       | 74        | 17.14                    | 17.18                       | 16.96                     | 19.00                  |
| 15              | 16QAM      | 36      | 0         | 17.10                    | 17.21                       | 17.00                     | 19.00                  |
| 15              | 16QAM      | 36      | 20        | 16.98                    | 17.25                       | 17.03                     | 19.00                  |
| 15              | 16QAM      | 36      | 39        | 17.00                    | 17.17                       | 16.97                     | 19.00                  |
| 15              | 16QAM      | 75      | 0         | 16.81                    | 17.19                       | 16.89                     | 19.00                  |
| 15              | 64QAM      | 1       | 0         | 16.99                    | 17.19                       | 16.80                     | 19.00                  |
| 15              | 64QAM      | 1       | 37        | 16.93                    | 17.14                       | 16.90                     | 19.00                  |
| 15              | 64QAM      | 1       | 74        | 17.19                    | 17.17                       | 17.04                     | 19.00                  |
| 15              | 64QAM      | 36      | 0         | 17.02                    | 17.19                       | 16.92                     | 19.00                  |
| 15              | 64QAM      | 36      | 20        | 17.09                    | 17.20                       | 17.05                     | 19.00                  |
| 15              | 64QAM      | 36      | 39        | 17.12                    | 17.22                       | 17.00                     | 19.00                  |
| 15              | 64QAM      | 75      | 0         | 16.81                    | 17.15                       | 16.85                     | 19.00                  |
| 15              | 256QAM     | 1       | 0         | 17.03                    | 17.02                       | 16.90                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 16.98                    | 17.22                       | 16.97                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.04                    | 17.09                       | 16.91                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.19                    | 17.29                       | 16.99                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.01                    | 17.17                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.06                    | 17.27                       | 17.04                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.05                    | 17.02                       | 16.99                     | 19.00                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.29                    | 17.34                       | 17.23                     | 19.00                  |
| 10              | QPSK       | 1       | 25        | 17.23                    | 17.31                       | 17.04                     | 19.00                  |
| 10              | QPSK       | 1       | 49        | 17.14                    | 17.23                       | 17.16                     | 19.00                  |
| 10              | QPSK       | 25      | 0         | 17.24                    | 17.32                       | 17.25                     | 19.00                  |
| 10              | QPSK       | 25      | 12        | 17.01                    | 17.23                       | 17.20                     | 19.00                  |
| 10              | QPSK       | 25      | 25        | 17.14                    | 17.14                       | 17.09                     | 19.00                  |
| 10              | QPSK       | 50      | 0         | 16.95                    | 17.22                       | 16.94                     | 19.00                  |
| 10              | 16QAM      | 1       | 0         | 17.11                    | 17.18                       | 17.10                     | 19.00                  |
| 10              | 16QAM      | 1       | 25        | 16.99                    | 17.30                       | 16.90                     | 19.00                  |
| 10              | 16QAM      | 1       | 49        | 17.16                    | 17.09                       | 16.94                     | 19.00                  |
| 10              | 16QAM      | 25      | 0         | 17.16                    | 17.24                       | 17.01                     | 19.00                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.03  | 17.24  | 17.02  | 19.00                  |
| 10              | 16QAM  | 25 | 25 | 17.05  | 17.18  | 16.97  | 19.00                  |
| 10              | 16QAM  | 50 | 0  | 16.90  | 17.16  | 16.96  | 19.00                  |
| 10              | 64QAM  | 1  | 0  | 16.91  | 17.23  | 16.93  | 19.00                  |
| 10              | 64QAM  | 1  | 25 | 16.88  | 17.11  | 16.80  | 19.00                  |
| 10              | 64QAM  | 1  | 49 | 17.20  | 17.21  | 16.99  | 19.00                  |
| 10              | 64QAM  | 25 | 0  | 17.04  | 17.12  | 16.90  | 19.00                  |
| 10              | 64QAM  | 25 | 12 | 17.01  | 17.26  | 16.95  | 19.00                  |
| 10              | 64QAM  | 25 | 25 | 17.06  | 17.19  | 16.99  | 19.00                  |
| 10              | 64QAM  | 50 | 0  | 16.93  | 17.09  | 16.89  | 19.00                  |
| 10              | 256QAM | 1  | 0  | 17.07  | 17.01  | 16.87  | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.05  | 17.11  | 16.96  | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.01  | 17.13  | 17.02  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.07  | 17.25  | 16.98  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.13  | 17.12  | 17.08  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.10  | 17.27  | 17.14  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.07  | 17.10  | 17.10  | 19.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.26  | 17.45  | 17.30  | 19.00                  |
| 5               | QPSK   | 1  | 12 | 17.30  | 17.33  | 16.94  | 19.00                  |
| 5               | QPSK   | 1  | 24 | 17.21  | 17.18  | 17.15  | 19.00                  |
| 5               | QPSK   | 12 | 0  | 17.29  | 17.37  | 17.31  | 19.00                  |
| 5               | QPSK   | 12 | 7  | 16.99  | 17.26  | 17.16  | 19.00                  |
| 5               | QPSK   | 12 | 13 | 17.26  | 17.22  | 17.08  | 19.00                  |
| 5               | QPSK   | 25 | 0  | 16.97  | 17.13  | 16.91  | 19.00                  |
| 5               | 16QAM  | 1  | 0  | 17.07  | 17.14  | 16.98  | 19.00                  |
| 5               | 16QAM  | 1  | 12 | 16.97  | 17.23  | 16.97  | 19.00                  |
| 5               | 16QAM  | 1  | 24 | 17.03  | 17.11  | 16.99  | 19.00                  |
| 5               | 16QAM  | 12 | 0  | 17.17  | 17.26  | 17.06  | 19.00                  |
| 5               | 16QAM  | 12 | 7  | 16.91  | 17.17  | 17.02  | 19.00                  |
| 5               | 16QAM  | 12 | 13 | 17.07  | 17.20  | 16.98  | 19.00                  |
| 5               | 16QAM  | 25 | 0  | 16.89  | 17.08  | 16.93  | 19.00                  |
| 5               | 64QAM  | 1  | 0  | 16.93  | 17.17  | 16.91  | 19.00                  |
| 5               | 64QAM  | 1  | 12 | 16.97  | 17.08  | 16.86  | 19.00                  |
| 5               | 64QAM  | 1  | 24 | 17.15  | 17.29  | 16.98  | 19.00                  |
| 5               | 64QAM  | 12 | 0  | 17.09  | 17.13  | 16.89  | 19.00                  |
| 5               | 64QAM  | 12 | 7  | 17.09  | 17.20  | 16.97  | 19.00                  |
| 5               | 64QAM  | 12 | 13 | 17.00  | 17.15  | 17.01  | 19.00                  |
| 5               | 64QAM  | 25 | 0  | 16.91  | 17.06  | 16.98  | 19.00                  |
| 5               | 256QAM | 1  | 0  | 17.07  | 17.10  | 16.85  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.03  | 17.18  | 16.94  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.10  | 17.06  | 16.93  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.19  | 17.28  | 17.05  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.11  | 17.08  | 17.04  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.01  | 17.21  | 17.06  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.02  | 17.02  | 17.04  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.26  | 17.36  | 17.25  | 19.00                  |
| 3               | QPSK   | 1  | 8  | 17.29  | 17.23  | 17.00  | 19.00                  |
| 3               | QPSK   | 1  | 14 | 17.14  | 17.26  | 17.20  | 19.00                  |
| 3               | QPSK   | 8  | 0  | 17.23  | 17.28  | 17.25  | 19.00                  |
| 3               | QPSK   | 8  | 4  | 16.95  | 17.32  | 17.23  | 19.00                  |
| 3               | QPSK   | 8  | 7  | 17.19  | 17.22  | 17.12  | 19.00                  |
| 3               | QPSK   | 15 | 0  | 16.91  | 17.13  | 16.98  | 19.00                  |
| 3               | 16QAM  | 1  | 0  | 16.98  | 17.22  | 17.07  | 19.00                  |
| 3               | 16QAM  | 1  | 8  | 16.94  | 17.26  | 17.00  | 19.00                  |
| 3               | 16QAM  | 1  | 14 | 17.15  | 17.18  | 17.02  | 19.00                  |
| 3               | 16QAM  | 8  | 0  | 17.17  | 17.25  | 17.05  | 19.00                  |
| 3               | 16QAM  | 8  | 4  | 17.03  | 17.15  | 17.00  | 19.00                  |
| 3               | 16QAM  | 8  | 7  | 17.08  | 17.08  | 16.93  | 19.00                  |
| 3               | 16QAM  | 15 | 0  | 16.91  | 17.08  | 16.87  | 19.00                  |
| 3               | 64QAM  | 1  | 0  | 16.97  | 17.17  | 16.91  | 19.00                  |
| 3               | 64QAM  | 1  | 8  | 16.89  | 17.16  | 16.89  | 19.00                  |
| 3               | 64QAM  | 1  | 14 | 17.11  | 17.26  | 17.01  | 19.00                  |
| 3               | 64QAM  | 8  | 0  | 17.07  | 17.11  | 16.96  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 17.12  | 17.30  | 16.95  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 17.13  | 17.21  | 17.03  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 16.88  | 17.11  | 16.88  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 16.98  | 17.08  | 16.83  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.01  | 17.20  | 16.96  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.12  | 17.05  | 17.03  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.16  | 17.34  | 17.05  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.09  | 17.14  | 17.11  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.06  | 17.25  | 17.04  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.03  | 17.12  | 17.03  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.31  | 17.32  | 17.18  | 19.00 |
| 1.4             | QPSK   | 1 | 3 | 17.26  | 17.24  | 17.05  | 19.00 |
| 1.4             | QPSK   | 1 | 5 | 17.13  | 17.23  | 17.22  | 19.00 |
| 1.4             | QPSK   | 3 | 0 | 17.24  | 17.34  | 17.30  | 19.00 |
| 1.4             | QPSK   | 3 | 1 | 17.06  | 17.24  | 17.14  | 19.00 |
| 1.4             | QPSK   | 3 | 3 | 17.26  | 17.14  | 17.06  | 19.00 |
| 1.4             | QPSK   | 6 | 0 | 16.89  | 17.21  | 17.02  | 19.00 |
| 1.4             | 16QAM  | 1 | 0 | 17.03  | 17.15  | 17.01  | 19.00 |
| 1.4             | 16QAM  | 1 | 3 | 16.90  | 17.29  | 16.89  | 19.00 |
| 1.4             | 16QAM  | 1 | 5 | 17.14  | 17.09  | 16.98  | 19.00 |
| 1.4             | 16QAM  | 3 | 0 | 17.09  | 17.17  | 17.04  | 19.00 |
| 1.4             | 16QAM  | 3 | 1 | 16.95  | 17.28  | 17.06  | 19.00 |
| 1.4             | 16QAM  | 3 | 3 | 17.07  | 17.14  | 16.92  | 19.00 |
| 1.4             | 16QAM  | 6 | 0 | 16.89  | 17.19  | 16.89  | 19.00 |
| 1.4             | 64QAM  | 1 | 0 | 17.05  | 17.10  | 16.82  | 19.00 |
| 1.4             | 64QAM  | 1 | 3 | 16.85  | 17.05  | 16.81  | 19.00 |
| 1.4             | 64QAM  | 1 | 5 | 17.08  | 17.22  | 17.01  | 19.00 |
| 1.4             | 64QAM  | 3 | 0 | 17.04  | 17.20  | 16.98  | 19.00 |
| 1.4             | 64QAM  | 3 | 1 | 17.07  | 17.26  | 17.08  | 19.00 |
| 1.4             | 64QAM  | 3 | 3 | 17.12  | 17.19  | 17.03  | 19.00 |
| 1.4             | 64QAM  | 6 | 0 | 16.84  | 17.14  | 16.87  | 19.00 |
| 1.4             | 256QAM | 1 | 0 | 17.01  | 17.02  | 16.83  | 19.00 |
| 1.4             | 256QAM | 1 | 3 | 17.06  | 17.23  | 16.99  | 19.00 |
| 1.4             | 256QAM | 1 | 5 | 17.08  | 17.08  | 17.05  | 19.00 |
| 1.4             | 256QAM | 3 | 0 | 17.10  | 17.23  | 17.05  | 19.00 |
| 1.4             | 256QAM | 3 | 1 | 17.02  | 17.09  | 17.11  | 19.00 |
| 1.4             | 256QAM | 3 | 3 | 17.09  | 17.20  | 17.07  | 19.00 |
| 1.4             | 256QAM | 6 | 0 | 16.95  | 17.00  | 17.01  | 19.00 |

**【LTE Band 4\_Ant 5\_ECI1-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.42                    | 17.49                       | 17.45                     | 19.00                  |
| 20              | QPSK       | 1       | 49        | 17.12                    | 17.31                       | 17.20                     | 19.00                  |
| 20              | QPSK       | 1       | 99        | 17.14                    | 17.32                       | 17.14                     | 19.00                  |
| 20              | QPSK       | 50      | 0         | 17.33                    | 17.38                       | 17.31                     | 19.00                  |
| 20              | QPSK       | 50      | 24        | 17.11                    | 17.22                       | 17.05                     | 19.00                  |
| 20              | QPSK       | 50      | 50        | 17.14                    | 17.32                       | 17.14                     | 19.00                  |
| 20              | QPSK       | 100     | 0         | 17.17                    | 17.37                       | 17.31                     | 19.00                  |
| 20              | 16QAM      | 1       | 0         | 17.20                    | 17.32                       | 17.27                     | 19.00                  |
| 20              | 16QAM      | 1       | 49        | 17.18                    | 17.38                       | 17.21                     | 19.00                  |
| 20              | 16QAM      | 1       | 99        | 17.21                    | 17.30                       | 17.18                     | 19.00                  |
| 20              | 16QAM      | 50      | 0         | 17.13                    | 17.28                       | 17.22                     | 19.00                  |
| 20              | 16QAM      | 50      | 24        | 17.15                    | 17.36                       | 17.21                     | 19.00                  |
| 20              | 16QAM      | 50      | 50        | 17.11                    | 17.22                       | 17.06                     | 19.00                  |
| 20              | 16QAM      | 100     | 0         | 17.16                    | 17.37                       | 17.25                     | 19.00                  |
| 20              | 64QAM      | 1       | 0         | 17.12                    | 17.28                       | 17.16                     | 19.00                  |
| 20              | 64QAM      | 1       | 49        | 17.17                    | 17.36                       | 17.20                     | 19.00                  |
| 20              | 64QAM      | 1       | 99        | 17.19                    | 17.31                       | 17.21                     | 19.00                  |
| 20              | 64QAM      | 50      | 0         | 17.24                    | 17.37                       | 17.20                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.24                    | 17.38                       | 17.20                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.14                    | 17.30                       | 17.24                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 17.11                    | 17.31                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 17.13                    | 17.34                       | 17.18                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.07                    | 17.28                       | 17.17                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.13                    | 17.23                       | 17.11                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.28                    | 17.49                       | 17.34                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.16                    | 17.31                       | 17.23                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.20                    | 17.32                       | 17.26                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.19                    | 17.38                       | 17.32                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.41                    | 17.45                       | 17.34                     | 19.00                  |
| 15              | QPSK       | 1       | 37        | 17.05                    | 17.28                       | 17.16                     | 19.00                  |
| 15              | QPSK       | 1       | 74        | 17.10                    | 17.21                       | 17.02                     | 19.00                  |
| 15              | QPSK       | 36      | 0         | 17.29                    | 17.23                       | 17.18                     | 19.00                  |
| 15              | QPSK       | 36      | 20        | 17.02                    | 17.08                       | 16.99                     | 19.00                  |
| 15              | QPSK       | 36      | 39        | 17.01                    | 17.22                       | 17.01                     | 19.00                  |
| 15              | QPSK       | 75      | 0         | 17.11                    | 17.29                       | 17.18                     | 19.00                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.17  | 17.30  | 17.21  | 19.00         |
| 15              | 16QAM  | 1  | 37 | 17.15  | 17.36  | 17.15  | 19.00         |
| 15              | 16QAM  | 1  | 74 | 17.12  | 17.17  | 17.15  | 19.00         |
| 15              | 16QAM  | 36 | 0  | 17.06  | 17.16  | 17.10  | 19.00         |
| 15              | 16QAM  | 36 | 20 | 17.08  | 17.25  | 17.14  | 19.00         |
| 15              | 16QAM  | 36 | 39 | 16.96  | 17.11  | 16.98  | 19.00         |
| 15              | 16QAM  | 75 | 0  | 17.11  | 17.34  | 17.14  | 19.00         |
| 15              | 64QAM  | 1  | 0  | 17.08  | 17.24  | 17.12  | 19.00         |
| 15              | 64QAM  | 1  | 37 | 17.09  | 17.30  | 17.07  | 19.00         |
| 15              | 64QAM  | 1  | 74 | 17.15  | 17.26  | 17.07  | 19.00         |
| 15              | 64QAM  | 36 | 0  | 17.09  | 17.25  | 17.14  | 19.00         |
| 15              | 64QAM  | 36 | 20 | 17.12  | 17.31  | 17.10  | 19.00         |
| 15              | 64QAM  | 36 | 39 | 17.09  | 17.25  | 17.18  | 19.00         |
| 15              | 64QAM  | 75 | 0  | 17.01  | 17.24  | 17.22  | 19.00         |
| 15              | 256QAM | 1  | 0  | 17.01  | 17.31  | 17.10  | 19.00         |
| 15              | 256QAM | 1  | 37 | 16.98  | 17.26  | 17.02  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.07  | 17.21  | 17.05  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.19  | 17.46  | 17.31  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.11  | 17.16  | 17.18  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.12  | 17.28  | 17.14  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.13  | 17.33  | 17.22  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.28  | 17.35  | 17.36  | 19.00         |
| 10              | QPSK   | 1  | 25 | 17.10  | 17.26  | 17.15  | 19.00         |
| 10              | QPSK   | 1  | 49 | 17.00  | 17.20  | 17.05  | 19.00         |
| 10              | QPSK   | 25 | 0  | 17.22  | 17.29  | 17.19  | 19.00         |
| 10              | QPSK   | 25 | 12 | 17.07  | 17.10  | 17.03  | 19.00         |
| 10              | QPSK   | 25 | 25 | 17.11  | 17.26  | 17.00  | 19.00         |
| 10              | QPSK   | 50 | 0  | 17.03  | 17.34  | 17.25  | 19.00         |
| 10              | 16QAM  | 1  | 0  | 17.10  | 17.31  | 17.15  | 19.00         |
| 10              | 16QAM  | 1  | 25 | 17.09  | 17.31  | 17.19  | 19.00         |
| 10              | 16QAM  | 1  | 49 | 17.06  | 17.16  | 17.07  | 19.00         |
| 10              | 16QAM  | 25 | 0  | 16.99  | 17.14  | 17.20  | 19.00         |
| 10              | 16QAM  | 25 | 12 | 17.08  | 17.34  | 17.17  | 19.00         |
| 10              | 16QAM  | 25 | 25 | 16.98  | 17.21  | 16.99  | 19.00         |
| 10              | 16QAM  | 50 | 0  | 17.06  | 17.36  | 17.19  | 19.00         |
| 10              | 64QAM  | 1  | 0  | 16.98  | 17.14  | 17.09  | 19.00         |
| 10              | 64QAM  | 1  | 25 | 17.07  | 17.33  | 17.19  | 19.00         |
| 10              | 64QAM  | 1  | 49 | 17.10  | 17.25  | 17.07  | 19.00         |
| 10              | 64QAM  | 25 | 0  | 17.18  | 17.28  | 17.09  | 19.00         |
| 10              | 64QAM  | 25 | 12 | 17.18  | 17.36  | 17.09  | 19.00         |
| 10              | 64QAM  | 25 | 25 | 17.10  | 17.28  | 17.11  | 19.00         |
| 10              | 64QAM  | 50 | 0  | 17.03  | 17.30  | 17.17  | 19.00         |
| 10              | 256QAM | 1  | 0  | 16.99  | 17.24  | 17.13  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.05  | 17.24  | 17.03  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.10  | 17.14  | 17.05  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.24  | 17.39  | 17.26  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.02  | 17.16  | 17.19  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.07  | 17.18  | 17.17  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.09  | 17.36  | 17.19  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.33  | 17.38  | 17.39  | 19.00         |
| 5               | QPSK   | 1  | 12 | 17.00  | 17.18  | 17.14  | 19.00         |
| 5               | QPSK   | 1  | 24 | 17.08  | 17.29  | 17.09  | 19.00         |
| 5               | QPSK   | 12 | 0  | 17.22  | 17.24  | 17.19  | 19.00         |
| 5               | QPSK   | 12 | 7  | 16.98  | 17.11  | 17.00  | 19.00         |
| 5               | QPSK   | 12 | 13 | 17.03  | 17.26  | 17.09  | 19.00         |
| 5               | QPSK   | 25 | 0  | 17.13  | 17.29  | 17.17  | 19.00         |
| 5               | 16QAM  | 1  | 0  | 17.08  | 17.31  | 17.23  | 19.00         |
| 5               | 16QAM  | 1  | 12 | 17.12  | 17.31  | 17.11  | 19.00         |
| 5               | 16QAM  | 1  | 24 | 17.08  | 17.22  | 17.15  | 19.00         |
| 5               | 16QAM  | 12 | 0  | 17.03  | 17.24  | 17.07  | 19.00         |
| 5               | 16QAM  | 12 | 7  | 17.13  | 17.33  | 17.12  | 19.00         |
| 5               | 16QAM  | 12 | 13 | 16.97  | 17.17  | 17.02  | 19.00         |
| 5               | 16QAM  | 25 | 0  | 17.07  | 17.35  | 17.17  | 19.00         |
| 5               | 64QAM  | 1  | 0  | 17.08  | 17.19  | 17.02  | 19.00         |
| 5               | 64QAM  | 1  | 12 | 17.09  | 17.30  | 17.05  | 19.00         |
| 5               | 64QAM  | 1  | 24 | 17.06  | 17.27  | 17.14  | 19.00         |
| 5               | 64QAM  | 12 | 0  | 17.22  | 17.35  | 17.16  | 19.00         |
| 5               | 64QAM  | 12 | 7  | 17.17  | 17.24  | 17.16  | 19.00         |
| 5               | 64QAM  | 12 | 13 | 17.00  | 17.16  | 17.17  | 19.00         |
| 5               | 64QAM  | 25 | 0  | 17.04  | 17.18  | 17.14  | 19.00         |
| 5               | 256QAM | 1  | 0  | 16.99  | 17.20  | 17.03  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.00  | 17.26  | 17.03  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.10  | 17.15  | 17.08  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.24  | 17.46  | 17.27  | 19.00         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.07  | 17.17  | 17.17  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.10  | 17.23  | 17.25  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.08  | 17.32  | 17.23  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.36  | 17.45  | 17.36  | 19.00                  |
| 3               | QPSK   | 1  | 8  | 17.04  | 17.17  | 17.07  | 19.00                  |
| 3               | QPSK   | 1  | 14 | 17.01  | 17.26  | 17.08  | 19.00                  |
| 3               | QPSK   | 8  | 0  | 17.29  | 17.26  | 17.16  | 19.00                  |
| 3               | QPSK   | 8  | 4  | 17.09  | 17.19  | 16.99  | 19.00                  |
| 3               | QPSK   | 8  | 7  | 17.04  | 17.26  | 17.04  | 19.00                  |
| 3               | QPSK   | 15 | 0  | 17.11  | 17.36  | 17.16  | 19.00                  |
| 3               | 16QAM  | 1  | 0  | 17.16  | 17.24  | 17.18  | 19.00                  |
| 3               | 16QAM  | 1  | 8  | 17.05  | 17.28  | 17.08  | 19.00                  |
| 3               | 16QAM  | 1  | 14 | 17.11  | 17.17  | 17.05  | 19.00                  |
| 3               | 16QAM  | 8  | 0  | 17.06  | 17.18  | 17.12  | 19.00                  |
| 3               | 16QAM  | 8  | 4  | 17.04  | 17.25  | 17.10  | 19.00                  |
| 3               | 16QAM  | 8  | 7  | 16.97  | 17.20  | 17.05  | 19.00                  |
| 3               | 16QAM  | 15 | 0  | 17.07  | 17.30  | 17.21  | 19.00                  |
| 3               | 64QAM  | 1  | 0  | 17.03  | 17.16  | 17.10  | 19.00                  |
| 3               | 64QAM  | 1  | 8  | 17.02  | 17.22  | 17.17  | 19.00                  |
| 3               | 64QAM  | 1  | 14 | 17.15  | 17.29  | 17.07  | 19.00                  |
| 3               | 64QAM  | 8  | 0  | 17.19  | 17.25  | 17.15  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 17.21  | 17.26  | 17.06  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 17.00  | 17.20  | 17.18  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 17.00  | 17.22  | 17.21  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 17.05  | 17.32  | 17.09  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 16.95  | 17.23  | 17.07  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.04  | 17.15  | 17.00  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.22  | 17.36  | 17.24  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.07  | 17.26  | 17.17  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.18  | 17.22  | 17.17  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.05  | 17.33  | 17.19  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.29  | 17.42  | 17.44  | 19.00                  |
| 1.4             | QPSK   | 1  | 3  | 17.11  | 17.21  | 17.16  | 19.00                  |
| 1.4             | QPSK   | 1  | 5  | 17.04  | 17.28  | 17.07  | 19.00                  |
| 1.4             | QPSK   | 3  | 0  | 17.26  | 17.30  | 17.20  | 19.00                  |
| 1.4             | QPSK   | 3  | 1  | 17.09  | 17.11  | 17.00  | 19.00                  |
| 1.4             | QPSK   | 3  | 3  | 17.02  | 17.29  | 17.09  | 19.00                  |
| 1.4             | QPSK   | 6  | 0  | 17.14  | 17.29  | 17.24  | 19.00                  |
| 1.4             | 16QAM  | 1  | 0  | 17.18  | 17.29  | 17.21  | 19.00                  |
| 1.4             | 16QAM  | 1  | 3  | 17.14  | 17.28  | 17.17  | 19.00                  |
| 1.4             | 16QAM  | 1  | 5  | 17.19  | 17.26  | 17.11  | 19.00                  |
| 1.4             | 16QAM  | 3  | 0  | 17.02  | 17.14  | 17.08  | 19.00                  |
| 1.4             | 16QAM  | 3  | 1  | 17.03  | 17.32  | 17.08  | 19.00                  |
| 1.4             | 16QAM  | 3  | 3  | 17.00  | 17.09  | 16.93  | 19.00                  |
| 1.4             | 16QAM  | 6  | 0  | 17.08  | 17.28  | 17.12  | 19.00                  |
| 1.4             | 64QAM  | 1  | 0  | 17.01  | 17.21  | 17.10  | 19.00                  |
| 1.4             | 64QAM  | 1  | 3  | 17.13  | 17.35  | 17.09  | 19.00                  |
| 1.4             | 64QAM  | 1  | 5  | 17.08  | 17.18  | 17.20  | 19.00                  |
| 1.4             | 64QAM  | 3  | 0  | 17.16  | 17.30  | 17.07  | 19.00                  |
| 1.4             | 64QAM  | 3  | 1  | 17.16  | 17.36  | 17.18  | 19.00                  |
| 1.4             | 64QAM  | 3  | 3  | 17.12  | 17.24  | 17.23  | 19.00                  |
| 1.4             | 64QAM  | 6  | 0  | 17.02  | 17.23  | 17.15  | 19.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.04  | 17.27  | 17.11  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.04  | 17.19  | 17.10  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.11  | 17.17  | 16.99  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.27  | 17.48  | 17.23  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.08  | 17.29  | 17.15  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.14  | 17.22  | 17.20  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.16  | 17.26  | 17.17  | 19.00                  |



## 【LTE Band 4\_Ant 5\_ECI1-2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | 19.00                  |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.19                    | 17.23                       | 17.16                     | 19.00                  |
| 20              | QPSK       | 1       | 49        | 16.99                    | 17.12                       | 16.92                     | 19.00                  |
| 20              | QPSK       | 1       | 99        | 17.01                    | 17.09                       | 16.88                     | 19.00                  |
| 20              | QPSK       | 50      | 0         | 17.09                    | 17.13                       | 17.06                     | 19.00                  |
| 20              | QPSK       | 50      | 24        | 16.94                    | 17.08                       | 16.88                     | 19.00                  |
| 20              | QPSK       | 50      | 50        | 17.00                    | 17.10                       | 16.93                     | 19.00                  |
| 20              | QPSK       | 100     | 0         | 16.96                    | 17.11                       | 16.90                     | 19.00                  |
| 20              | 16QAM      | 1       | 0         | 16.95                    | 17.05                       | 16.90                     | 19.00                  |
| 20              | 16QAM      | 1       | 49        | 16.98                    | 17.11                       | 16.93                     | 19.00                  |
| 20              | 16QAM      | 1       | 99        | 16.96                    | 17.05                       | 16.94                     | 19.00                  |
| 20              | 16QAM      | 50      | 0         | 16.90                    | 17.06                       | 16.91                     | 19.00                  |
| 20              | 16QAM      | 50      | 24        | 16.99                    | 17.16                       | 16.97                     | 19.00                  |
| 20              | 16QAM      | 50      | 50        | 16.92                    | 17.03                       | 16.83                     | 19.00                  |
| 20              | 16QAM      | 100     | 0         | 17.02                    | 17.14                       | 16.95                     | 19.00                  |
| 20              | 64QAM      | 1       | 0         | 17.03                    | 17.14                       | 17.04                     | 19.00                  |
| 20              | 64QAM      | 1       | 49        | 17.09                    | 17.14                       | 16.92                     | 19.00                  |
| 20              | 64QAM      | 1       | 99        | 17.00                    | 17.07                       | 16.95                     | 19.00                  |
| 20              | 64QAM      | 50      | 0         | 17.09                    | 17.16                       | 16.98                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.08                    | 17.15                       | 17.02                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.02                    | 17.15                       | 17.00                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 16.92                    | 17.06                       | 16.86                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 16.99                    | 17.07                       | 16.99                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.05                    | 17.17                       | 17.00                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 16.94                    | 17.07                       | 16.94                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 16.99                    | 17.12                       | 16.94                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 16.98                    | 17.09                       | 16.88                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.02                    | 17.12                       | 16.97                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 16.96                    | 17.08                       | 16.91                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | 19.00                  |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.11                    | 17.18                       | 17.10                     | 19.00                  |
| 15              | QPSK       | 1       | 37        | 16.92                    | 17.10                       | 16.86                     | 19.00                  |
| 15              | QPSK       | 1       | 74        | 16.91                    | 17.04                       | 16.84                     | 19.00                  |
| 15              | QPSK       | 36      | 0         | 17.02                    | 17.09                       | 17.03                     | 19.00                  |
| 15              | QPSK       | 36      | 20        | 16.92                    | 17.06                       | 16.80                     | 19.00                  |
| 15              | QPSK       | 36      | 39        | 16.94                    | 17.03                       | 16.91                     | 19.00                  |
| 15              | QPSK       | 75      | 0         | 16.87                    | 17.06                       | 16.86                     | 19.00                  |
| 15              | 16QAM      | 1       | 0         | 16.94                    | 16.97                       | 16.79                     | 19.00                  |
| 15              | 16QAM      | 1       | 37        | 16.90                    | 17.05                       | 16.92                     | 19.00                  |
| 15              | 16QAM      | 1       | 74        | 16.86                    | 17.00                       | 16.79                     | 19.00                  |
| 15              | 16QAM      | 36      | 0         | 16.80                    | 16.99                       | 16.89                     | 19.00                  |
| 15              | 16QAM      | 36      | 20        | 16.94                    | 17.10                       | 16.87                     | 19.00                  |
| 15              | 16QAM      | 36      | 39        | 16.82                    | 16.88                       | 16.72                     | 19.00                  |
| 15              | 16QAM      | 75      | 0         | 16.96                    | 17.07                       | 16.83                     | 19.00                  |
| 15              | 64QAM      | 1       | 0         | 16.93                    | 16.99                       | 16.97                     | 19.00                  |
| 15              | 64QAM      | 1       | 37        | 17.02                    | 17.09                       | 16.86                     | 19.00                  |
| 15              | 64QAM      | 1       | 74        | 16.93                    | 16.97                       | 16.85                     | 19.00                  |
| 15              | 64QAM      | 36      | 0         | 16.96                    | 17.14                       | 16.83                     | 19.00                  |
| 15              | 64QAM      | 36      | 20        | 17.02                    | 17.04                       | 17.01                     | 19.00                  |
| 15              | 64QAM      | 36      | 39        | 16.98                    | 17.11                       | 16.95                     | 19.00                  |
| 15              | 64QAM      | 75      | 0         | 16.77                    | 17.05                       | 16.80                     | 19.00                  |
| 15              | 256QAM     | 1       | 0         | 16.88                    | 16.95                       | 16.94                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 16.99                    | 17.11                       | 16.86                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 16.83                    | 17.01                       | 16.91                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 16.93                    | 17.00                       | 16.82                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 16.88                    | 17.00                       | 16.86                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 16.87                    | 16.98                       | 16.89                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 16.88                    | 16.95                       | 16.79                     | 19.00                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | 19.00                  |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.06                    | 17.18                       | 17.04                     | 19.00                  |
| 10              | QPSK       | 1       | 25        | 16.89                    | 16.97                       | 16.86                     | 19.00                  |
| 10              | QPSK       | 1       | 49        | 16.99                    | 16.99                       | 16.76                     | 19.00                  |
| 10              | QPSK       | 25      | 0         | 17.02                    | 16.98                       | 16.93                     | 19.00                  |
| 10              | QPSK       | 25      | 12        | 16.81                    | 16.98                       | 16.78                     | 19.00                  |
| 10              | QPSK       | 25      | 25        | 16.99                    | 17.06                       | 16.91                     | 19.00                  |
| 10              | QPSK       | 50      | 0         | 16.94                    | 16.98                       | 16.81                     | 19.00                  |
| 10              | 16QAM      | 1       | 0         | 16.87                    | 16.95                       | 16.85                     | 19.00                  |
| 10              | 16QAM      | 1       | 25        | 16.94                    | 17.09                       | 16.82                     | 19.00                  |
| 10              | 16QAM      | 1       | 49        | 16.84                    | 16.96                       | 16.83                     | 19.00                  |
| 10              | 16QAM      | 25      | 0         | 16.78                    | 17.01                       | 16.82                     | 19.00                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 16.90  | 17.12  | 16.87  | 19.00                  |
| 10              | 16QAM  | 25 | 25 | 16.81  | 17.00  | 16.77  | 19.00                  |
| 10              | 16QAM  | 50 | 0  | 16.91  | 16.99  | 16.82  | 19.00                  |
| 10              | 64QAM  | 1  | 0  | 16.98  | 17.06  | 16.98  | 19.00                  |
| 10              | 64QAM  | 1  | 25 | 16.96  | 17.05  | 16.81  | 19.00                  |
| 10              | 64QAM  | 1  | 49 | 16.94  | 17.04  | 16.84  | 19.00                  |
| 10              | 64QAM  | 25 | 0  | 17.01  | 17.10  | 16.93  | 19.00                  |
| 10              | 64QAM  | 25 | 12 | 16.97  | 17.09  | 16.95  | 19.00                  |
| 10              | 64QAM  | 25 | 25 | 16.96  | 17.04  | 16.93  | 19.00                  |
| 10              | 64QAM  | 50 | 0  | 16.91  | 16.98  | 16.75  | 19.00                  |
| 10              | 256QAM | 1  | 0  | 16.92  | 16.96  | 16.88  | 19.00                  |
| 10              | 256QAM | 1  | 25 | 16.92  | 17.11  | 16.94  | 19.00                  |
| 10              | 256QAM | 1  | 49 | 16.82  | 17.06  | 16.88  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 16.86  | 16.99  | 16.81  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 16.90  | 17.04  | 16.81  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.06  | 16.92  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 16.93  | 16.98  | 16.86  | 19.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.05  | 17.14  | 17.10  | 19.00                  |
| 5               | QPSK   | 1  | 12 | 16.91  | 16.99  | 16.85  | 19.00                  |
| 5               | QPSK   | 1  | 24 | 16.86  | 16.95  | 16.85  | 19.00                  |
| 5               | QPSK   | 12 | 0  | 16.97  | 17.01  | 17.01  | 19.00                  |
| 5               | QPSK   | 12 | 7  | 16.92  | 16.95  | 16.75  | 19.00                  |
| 5               | QPSK   | 12 | 13 | 16.92  | 17.05  | 16.88  | 19.00                  |
| 5               | QPSK   | 25 | 0  | 16.84  | 17.05  | 16.83  | 19.00                  |
| 5               | 16QAM  | 1  | 0  | 16.81  | 16.91  | 16.84  | 19.00                  |
| 5               | 16QAM  | 1  | 12 | 16.85  | 17.05  | 16.89  | 19.00                  |
| 5               | 16QAM  | 1  | 24 | 16.83  | 17.03  | 16.91  | 19.00                  |
| 5               | 16QAM  | 12 | 0  | 16.82  | 16.98  | 16.81  | 19.00                  |
| 5               | 16QAM  | 12 | 7  | 16.90  | 17.07  | 16.83  | 19.00                  |
| 5               | 16QAM  | 12 | 13 | 16.90  | 16.93  | 16.74  | 19.00                  |
| 5               | 16QAM  | 25 | 0  | 16.97  | 17.11  | 16.94  | 19.00                  |
| 5               | 64QAM  | 1  | 0  | 16.92  | 17.11  | 16.90  | 19.00                  |
| 5               | 64QAM  | 1  | 12 | 17.01  | 17.05  | 16.81  | 19.00                  |
| 5               | 64QAM  | 1  | 24 | 16.93  | 16.95  | 16.90  | 19.00                  |
| 5               | 64QAM  | 12 | 0  | 16.98  | 17.06  | 16.95  | 19.00                  |
| 5               | 64QAM  | 12 | 7  | 16.99  | 17.12  | 17.01  | 19.00                  |
| 5               | 64QAM  | 12 | 13 | 16.97  | 17.03  | 16.91  | 19.00                  |
| 5               | 64QAM  | 25 | 0  | 16.81  | 17.03  | 16.79  | 19.00                  |
| 5               | 256QAM | 1  | 0  | 16.95  | 17.02  | 16.84  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 16.99  | 17.04  | 16.91  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 16.91  | 16.97  | 16.89  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 16.92  | 17.02  | 16.85  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 16.94  | 17.00  | 16.74  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 16.89  | 17.02  | 16.93  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 16.94  | 17.00  | 16.85  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.12  | 17.17  | 17.03  | 19.00                  |
| 3               | QPSK   | 1  | 8  | 16.87  | 17.03  | 16.80  | 19.00                  |
| 3               | QPSK   | 1  | 14 | 16.89  | 16.97  | 16.74  | 19.00                  |
| 3               | QPSK   | 8  | 0  | 17.02  | 17.00  | 16.96  | 19.00                  |
| 3               | QPSK   | 8  | 4  | 16.92  | 17.06  | 16.76  | 19.00                  |
| 3               | QPSK   | 8  | 7  | 16.86  | 17.09  | 16.84  | 19.00                  |
| 3               | QPSK   | 15 | 0  | 16.88  | 17.01  | 16.87  | 19.00                  |
| 3               | 16QAM  | 1  | 0  | 16.81  | 16.91  | 16.75  | 19.00                  |
| 3               | 16QAM  | 1  | 8  | 16.89  | 17.04  | 16.90  | 19.00                  |
| 3               | 16QAM  | 1  | 14 | 16.84  | 16.97  | 16.93  | 19.00                  |
| 3               | 16QAM  | 8  | 0  | 16.76  | 16.96  | 16.79  | 19.00                  |
| 3               | 16QAM  | 8  | 4  | 16.90  | 17.11  | 16.86  | 19.00                  |
| 3               | 16QAM  | 8  | 7  | 16.90  | 16.90  | 16.76  | 19.00                  |
| 3               | 16QAM  | 15 | 0  | 16.89  | 17.12  | 16.90  | 19.00                  |
| 3               | 64QAM  | 1  | 0  | 16.92  | 17.00  | 17.01  | 19.00                  |
| 3               | 64QAM  | 1  | 8  | 17.07  | 17.13  | 16.87  | 19.00                  |
| 3               | 64QAM  | 1  | 14 | 16.99  | 16.94  | 16.85  | 19.00                  |
| 3               | 64QAM  | 8  | 0  | 17.07  | 17.03  | 16.91  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 16.97  | 17.09  | 16.98  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 16.96  | 17.02  | 16.96  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 16.88  | 16.95  | 16.78  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 16.92  | 17.03  | 16.87  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.02  | 17.06  | 16.92  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 16.79  | 17.04  | 16.80  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 16.94  | 17.05  | 16.84  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 16.85  | 16.95  | 16.77  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 16.99  | 17.09  | 16.91  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 16.88  | 17.06  | 16.80  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.11  | 17.12  | 17.12  | 19.00 |
| 1.4             | QPSK   | 1 | 3 | 16.95  | 17.02  | 16.87  | 19.00 |
| 1.4             | QPSK   | 1 | 5 | 16.94  | 17.02  | 16.86  | 19.00 |
| 1.4             | QPSK   | 3 | 0 | 17.00  | 17.09  | 16.92  | 19.00 |
| 1.4             | QPSK   | 3 | 1 | 16.84  | 16.96  | 16.86  | 19.00 |
| 1.4             | QPSK   | 3 | 3 | 16.94  | 17.02  | 16.80  | 19.00 |
| 1.4             | QPSK   | 6 | 0 | 16.82  | 17.03  | 16.89  | 19.00 |
| 1.4             | 16QAM  | 1 | 0 | 16.90  | 16.94  | 16.88  | 19.00 |
| 1.4             | 16QAM  | 1 | 3 | 16.85  | 17.02  | 16.91  | 19.00 |
| 1.4             | 16QAM  | 1 | 5 | 16.94  | 16.93  | 16.84  | 19.00 |
| 1.4             | 16QAM  | 3 | 0 | 16.77  | 17.01  | 16.77  | 19.00 |
| 1.4             | 16QAM  | 3 | 1 | 16.94  | 17.14  | 16.90  | 19.00 |
| 1.4             | 16QAM  | 3 | 3 | 16.86  | 16.92  | 16.75  | 19.00 |
| 1.4             | 16QAM  | 6 | 0 | 16.97  | 17.00  | 16.90  | 19.00 |
| 1.4             | 64QAM  | 1 | 0 | 16.93  | 17.02  | 16.97  | 19.00 |
| 1.4             | 64QAM  | 1 | 3 | 16.95  | 17.09  | 16.79  | 19.00 |
| 1.4             | 64QAM  | 1 | 5 | 16.89  | 16.97  | 16.82  | 19.00 |
| 1.4             | 64QAM  | 3 | 0 | 17.04  | 17.10  | 16.90  | 19.00 |
| 1.4             | 64QAM  | 3 | 1 | 17.05  | 17.03  | 16.96  | 19.00 |
| 1.4             | 64QAM  | 3 | 3 | 17.01  | 17.03  | 16.85  | 19.00 |
| 1.4             | 64QAM  | 6 | 0 | 16.82  | 16.95  | 16.84  | 19.00 |
| 1.4             | 256QAM | 1 | 0 | 16.87  | 16.98  | 16.95  | 19.00 |
| 1.4             | 256QAM | 1 | 3 | 17.04  | 17.05  | 16.98  | 19.00 |
| 1.4             | 256QAM | 1 | 5 | 16.79  | 17.02  | 16.86  | 19.00 |
| 1.4             | 256QAM | 3 | 0 | 16.88  | 17.01  | 16.84  | 19.00 |
| 1.4             | 256QAM | 3 | 1 | 16.95  | 16.98  | 16.87  | 19.00 |
| 1.4             | 256QAM | 3 | 3 | 16.95  | 17.04  | 16.92  | 19.00 |
| 1.4             | 256QAM | 6 | 0 | 16.92  | 17.00  | 16.82  | 19.00 |

**【LTE Band 4\_Ant 5\_ECI3】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.91                    | 17.96                       | 17.93                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.72                    | 17.81                       | 17.63                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.61                    | 17.77                       | 17.67                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.83                    | 17.87                       | 17.85                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.65                    | 17.74                       | 17.62                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.73                    | 17.84                       | 17.73                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.81                    | 17.85                       | 17.83                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.58                    | 17.76                       | 17.66                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.60                    | 17.70                       | 17.56                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.71                    | 17.77                       | 17.73                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.55                    | 17.69                       | 17.55                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.53                    | 17.72                       | 17.55                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.49                    | 17.68                       | 17.56                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.72                    | 17.81                       | 17.67                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.67                    | 17.79                       | 17.68                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.73                    | 17.80                       | 17.64                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.62                    | 17.75                       | 17.63                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.64                    | 17.80                       | 17.62                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.63                    | 17.79                       | 17.65                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.65                    | 17.76                       | 17.68                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.58                    | 17.76                       | 17.65                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.67                    | 17.75                       | 17.67                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.62                    | 17.76                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.61                    | 17.71                       | 17.55                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.57                    | 17.72                       | 17.63                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.55                    | 17.73                       | 17.56                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.63                    | 17.77                       | 17.62                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.57                    | 17.75                       | 17.61                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.87                    | 17.84                       | 17.83                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.68                    | 17.69                       | 17.54                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.47                    | 17.66                       | 17.60                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.81                    | 17.82                       | 17.83                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.61                    | 17.72                       | 17.52                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.67                    | 17.74                       | 17.64                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.78                    | 17.82                       | 17.68                     | 19.50                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.50  | 17.71  | 17.63  | 19.50         |
| 15              | 16QAM  | 1  | 37 | 17.55  | 17.66  | 17.45  | 19.50         |
| 15              | 16QAM  | 1  | 74 | 17.64  | 17.74  | 17.60  | 19.50         |
| 15              | 16QAM  | 36 | 0  | 17.46  | 17.62  | 17.52  | 19.50         |
| 15              | 16QAM  | 36 | 20 | 17.43  | 17.68  | 17.49  | 19.50         |
| 15              | 16QAM  | 36 | 39 | 17.45  | 17.62  | 17.53  | 19.50         |
| 15              | 16QAM  | 75 | 0  | 17.70  | 17.72  | 17.55  | 19.50         |
| 15              | 64QAM  | 1  | 0  | 17.56  | 17.77  | 17.58  | 19.50         |
| 15              | 64QAM  | 1  | 37 | 17.59  | 17.76  | 17.49  | 19.50         |
| 15              | 64QAM  | 1  | 74 | 17.57  | 17.73  | 17.62  | 19.50         |
| 15              | 64QAM  | 36 | 0  | 17.56  | 17.72  | 17.51  | 19.50         |
| 15              | 64QAM  | 36 | 20 | 17.56  | 17.67  | 17.62  | 19.50         |
| 15              | 64QAM  | 36 | 39 | 17.62  | 17.72  | 17.57  | 19.50         |
| 15              | 64QAM  | 75 | 0  | 17.50  | 17.63  | 17.53  | 19.50         |
| 15              | 256QAM | 1  | 0  | 17.63  | 17.72  | 17.58  | 19.50         |
| 15              | 256QAM | 1  | 37 | 17.59  | 17.64  | 17.46  | 19.50         |
| 15              | 256QAM | 1  | 74 | 17.59  | 17.60  | 17.50  | 19.50         |
| 15              | 256QAM | 36 | 0  | 17.50  | 17.66  | 17.58  | 19.50         |
| 15              | 256QAM | 36 | 20 | 17.42  | 17.58  | 17.54  | 19.50         |
| 15              | 256QAM | 36 | 39 | 17.51  | 17.75  | 17.52  | 19.50         |
| 15              | 256QAM | 75 | 0  | 17.56  | 17.67  | 17.58  | 19.50         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.78  | 17.82  | 17.81  | 19.50         |
| 10              | QPSK   | 1  | 25 | 17.67  | 17.78  | 17.57  | 19.50         |
| 10              | QPSK   | 1  | 49 | 17.56  | 17.68  | 17.66  | 19.50         |
| 10              | QPSK   | 25 | 0  | 17.74  | 17.83  | 17.82  | 19.50         |
| 10              | QPSK   | 25 | 12 | 17.61  | 17.69  | 17.56  | 19.50         |
| 10              | QPSK   | 25 | 25 | 17.67  | 17.75  | 17.68  | 19.50         |
| 10              | QPSK   | 50 | 0  | 17.70  | 17.79  | 17.79  | 19.50         |
| 10              | 16QAM  | 1  | 0  | 17.51  | 17.65  | 17.53  | 19.50         |
| 10              | 16QAM  | 1  | 25 | 17.48  | 17.63  | 17.50  | 19.50         |
| 10              | 16QAM  | 1  | 49 | 17.61  | 17.75  | 17.66  | 19.50         |
| 10              | 16QAM  | 25 | 0  | 17.42  | 17.59  | 17.46  | 19.50         |
| 10              | 16QAM  | 25 | 12 | 17.44  | 17.70  | 17.47  | 19.50         |
| 10              | 16QAM  | 25 | 25 | 17.47  | 17.54  | 17.52  | 19.50         |
| 10              | 16QAM  | 50 | 0  | 17.68  | 17.73  | 17.60  | 19.50         |
| 10              | 64QAM  | 1  | 0  | 17.55  | 17.76  | 17.65  | 19.50         |
| 10              | 64QAM  | 1  | 25 | 17.69  | 17.73  | 17.63  | 19.50         |
| 10              | 64QAM  | 1  | 49 | 17.54  | 17.66  | 17.52  | 19.50         |
| 10              | 64QAM  | 25 | 0  | 17.55  | 17.67  | 17.50  | 19.50         |
| 10              | 64QAM  | 25 | 12 | 17.50  | 17.75  | 17.51  | 19.50         |
| 10              | 64QAM  | 25 | 25 | 17.61  | 17.65  | 17.57  | 19.50         |
| 10              | 64QAM  | 50 | 0  | 17.53  | 17.65  | 17.54  | 19.50         |
| 10              | 256QAM | 1  | 0  | 17.52  | 17.64  | 17.65  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.54  | 17.71  | 17.57  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.54  | 17.67  | 17.53  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.48  | 17.70  | 17.60  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.53  | 17.70  | 17.47  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.59  | 17.70  | 17.57  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.51  | 17.72  | 17.49  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.78  | 17.86  | 17.87  | 19.50         |
| 5               | QPSK   | 1  | 12 | 17.60  | 17.72  | 17.49  | 19.50         |
| 5               | QPSK   | 1  | 24 | 17.60  | 17.70  | 17.53  | 19.50         |
| 5               | QPSK   | 12 | 0  | 17.71  | 17.76  | 17.82  | 19.50         |
| 5               | QPSK   | 12 | 7  | 17.56  | 17.69  | 17.51  | 19.50         |
| 5               | QPSK   | 12 | 13 | 17.61  | 17.72  | 17.63  | 19.50         |
| 5               | QPSK   | 25 | 0  | 17.70  | 17.71  | 17.77  | 19.50         |
| 5               | 16QAM  | 1  | 0  | 17.52  | 17.73  | 17.57  | 19.50         |
| 5               | 16QAM  | 1  | 12 | 17.46  | 17.66  | 17.50  | 19.50         |
| 5               | 16QAM  | 1  | 24 | 17.61  | 17.75  | 17.60  | 19.50         |
| 5               | 16QAM  | 12 | 0  | 17.45  | 17.55  | 17.48  | 19.50         |
| 5               | 16QAM  | 12 | 7  | 17.42  | 17.65  | 17.42  | 19.50         |
| 5               | 16QAM  | 12 | 13 | 17.34  | 17.58  | 17.52  | 19.50         |
| 5               | 16QAM  | 25 | 0  | 17.62  | 17.78  | 17.55  | 19.50         |
| 5               | 64QAM  | 1  | 0  | 17.60  | 17.76  | 17.62  | 19.50         |
| 5               | 64QAM  | 1  | 12 | 17.71  | 17.68  | 17.52  | 19.50         |
| 5               | 64QAM  | 1  | 24 | 17.56  | 17.67  | 17.49  | 19.50         |
| 5               | 64QAM  | 12 | 0  | 17.55  | 17.71  | 17.55  | 19.50         |
| 5               | 64QAM  | 12 | 7  | 17.60  | 17.70  | 17.53  | 19.50         |
| 5               | 64QAM  | 12 | 13 | 17.58  | 17.67  | 17.60  | 19.50         |
| 5               | 64QAM  | 25 | 0  | 17.46  | 17.73  | 17.60  | 19.50         |
| 5               | 256QAM | 1  | 0  | 17.56  | 17.64  | 17.54  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.56  | 17.64  | 17.54  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.49  | 17.65  | 17.53  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.45  | 17.66  | 17.56  | 19.50         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.50  | 17.61  | 17.42  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.59  | 17.68  | 17.58  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.43  | 17.72  | 17.46  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.81  | 17.92  | 17.84  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.63  | 17.73  | 17.54  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.48  | 17.68  | 17.59  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 17.79  | 17.82  | 17.82  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.51  | 17.65  | 17.61  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.72  | 17.76  | 17.60  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.69  | 17.77  | 17.78  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 17.50  | 17.70  | 17.51  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 17.48  | 17.66  | 17.54  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.61  | 17.65  | 17.62  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.52  | 17.57  | 17.40  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.44  | 17.61  | 17.47  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.46  | 17.59  | 17.48  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.70  | 17.71  | 17.56  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.61  | 17.65  | 17.63  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 17.72  | 17.70  | 17.55  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 17.58  | 17.64  | 17.50  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 17.56  | 17.76  | 17.59  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 17.55  | 17.78  | 17.51  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 17.51  | 17.74  | 17.56  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 17.57  | 17.69  | 17.58  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.57  | 17.62  | 17.64  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.48  | 17.65  | 17.47  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.52  | 17.61  | 17.41  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.50  | 17.70  | 17.56  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.43  | 17.61  | 17.41  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.62  | 17.67  | 17.58  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.54  | 17.68  | 17.49  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.88  | 17.90  | 17.88  | 19.50                  |
| 1.4             | QPSK   | 1  | 3  | 17.60  | 17.75  | 17.50  | 19.50                  |
| 1.4             | QPSK   | 1  | 5  | 17.54  | 17.74  | 17.58  | 19.50                  |
| 1.4             | QPSK   | 3  | 0  | 17.69  | 17.80  | 17.74  | 19.50                  |
| 1.4             | QPSK   | 3  | 1  | 17.50  | 17.68  | 17.53  | 19.50                  |
| 1.4             | QPSK   | 3  | 3  | 17.68  | 17.73  | 17.69  | 19.50                  |
| 1.4             | QPSK   | 6  | 0  | 17.73  | 17.76  | 17.78  | 19.50                  |
| 1.4             | 16QAM  | 1  | 0  | 17.51  | 17.74  | 17.54  | 19.50                  |
| 1.4             | 16QAM  | 1  | 3  | 17.51  | 17.67  | 17.48  | 19.50                  |
| 1.4             | 16QAM  | 1  | 5  | 17.65  | 17.74  | 17.63  | 19.50                  |
| 1.4             | 16QAM  | 3  | 0  | 17.46  | 17.56  | 17.43  | 19.50                  |
| 1.4             | 16QAM  | 3  | 1  | 17.42  | 17.68  | 17.45  | 19.50                  |
| 1.4             | 16QAM  | 3  | 3  | 17.35  | 17.64  | 17.46  | 19.50                  |
| 1.4             | 16QAM  | 6  | 0  | 17.58  | 17.79  | 17.64  | 19.50                  |
| 1.4             | 64QAM  | 1  | 0  | 17.56  | 17.65  | 17.62  | 19.50                  |
| 1.4             | 64QAM  | 1  | 3  | 17.68  | 17.70  | 17.59  | 19.50                  |
| 1.4             | 64QAM  | 1  | 5  | 17.54  | 17.73  | 17.51  | 19.50                  |
| 1.4             | 64QAM  | 3  | 0  | 17.54  | 17.77  | 17.49  | 19.50                  |
| 1.4             | 64QAM  | 3  | 1  | 17.57  | 17.72  | 17.55  | 19.50                  |
| 1.4             | 64QAM  | 3  | 3  | 17.54  | 17.68  | 17.60  | 19.50                  |
| 1.4             | 64QAM  | 6  | 0  | 17.45  | 17.69  | 17.63  | 19.50                  |
| 1.4             | 256QAM | 1  | 0  | 17.59  | 17.73  | 17.54  | 19.50                  |
| 1.4             | 256QAM | 1  | 3  | 17.50  | 17.73  | 17.58  | 19.50                  |
| 1.4             | 256QAM | 1  | 5  | 17.49  | 17.62  | 17.48  | 19.50                  |
| 1.4             | 256QAM | 3  | 0  | 17.52  | 17.59  | 17.53  | 19.50                  |
| 1.4             | 256QAM | 3  | 1  | 17.45  | 17.61  | 17.49  | 19.50                  |
| 1.4             | 256QAM | 3  | 3  | 17.50  | 17.70  | 17.48  | 19.50                  |
| 1.4             | 256QAM | 6  | 0  | 17.48  | 17.69  | 17.57  | 19.50                  |



## 【LTE Band 4\_Ant 5\_ECI3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 18.03                    | 18.06                       | 18.02                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.90                    | 17.96                       | 17.90                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.91                    | 18.00                       | 17.91                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.99                    | 18.01                       | 17.97                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.70                    | 17.77                       | 17.61                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.74                    | 17.91                       | 17.80                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.93                    | 17.98                       | 17.96                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.65                    | 17.79                       | 17.69                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.78                    | 17.87                       | 17.81                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.78                    | 17.86                       | 17.68                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.57                    | 17.73                       | 17.61                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.76                    | 17.89                       | 17.76                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.62                    | 17.78                       | 17.65                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.68                    | 17.83                       | 17.72                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.68                    | 17.78                       | 17.72                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.60                    | 17.69                       | 17.59                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.76                    | 17.87                       | 17.75                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.76                    | 17.91                       | 17.77                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.78                    | 17.83                       | 17.72                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.61                    | 17.71                       | 17.61                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.60                    | 17.74                       | 17.63                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.75                    | 17.83                       | 17.72                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.72                    | 17.85                       | 17.70                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.62                    | 17.80                       | 17.72                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.81                    | 17.91                       | 17.75                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.77                    | 17.91                       | 17.78                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.88                    | 17.93                       | 17.78                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.65                    | 17.75                       | 17.70                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.96                    | 17.98                       | 17.99                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.82                    | 17.91                       | 17.83                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.85                    | 17.97                       | 17.86                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.86                    | 17.92                       | 17.90                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.58                    | 17.75                       | 17.49                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.71                    | 17.78                       | 17.70                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.79                    | 17.83                       | 17.82                     | 19.50                  |
| 15              | 16QAM      | 1       | 0         | 17.57                    | 17.67                       | 17.59                     | 19.50                  |
| 15              | 16QAM      | 1       | 37        | 17.76                    | 17.81                       | 17.69                     | 19.50                  |
| 15              | 16QAM      | 1       | 74        | 17.70                    | 17.71                       | 17.61                     | 19.50                  |
| 15              | 16QAM      | 36      | 0         | 17.52                    | 17.69                       | 17.60                     | 19.50                  |
| 15              | 16QAM      | 36      | 20        | 17.73                    | 17.77                       | 17.64                     | 19.50                  |
| 15              | 16QAM      | 36      | 39        | 17.49                    | 17.69                       | 17.59                     | 19.50                  |
| 15              | 16QAM      | 75      | 0         | 17.60                    | 17.81                       | 17.61                     | 19.50                  |
| 15              | 64QAM      | 1       | 0         | 17.55                    | 17.65                       | 17.59                     | 19.50                  |
| 15              | 64QAM      | 1       | 37        | 17.53                    | 17.61                       | 17.53                     | 19.50                  |
| 15              | 64QAM      | 1       | 74        | 17.72                    | 17.75                       | 17.64                     | 19.50                  |
| 15              | 64QAM      | 36      | 0         | 17.74                    | 17.83                       | 17.63                     | 19.50                  |
| 15              | 64QAM      | 36      | 20        | 17.67                    | 17.78                       | 17.62                     | 19.50                  |
| 15              | 64QAM      | 36      | 39        | 17.52                    | 17.67                       | 17.57                     | 19.50                  |
| 15              | 64QAM      | 75      | 0         | 17.59                    | 17.65                       | 17.53                     | 19.50                  |
| 15              | 256QAM     | 1       | 0         | 17.73                    | 17.79                       | 17.63                     | 19.50                  |
| 15              | 256QAM     | 1       | 37        | 17.59                    | 17.71                       | 17.69                     | 19.50                  |
| 15              | 256QAM     | 1       | 74        | 17.51                    | 17.73                       | 17.70                     | 19.50                  |
| 15              | 256QAM     | 36      | 0         | 17.69                    | 17.87                       | 17.65                     | 19.50                  |
| 15              | 256QAM     | 36      | 20        | 17.63                    | 17.80                       | 17.75                     | 19.50                  |
| 15              | 256QAM     | 36      | 39        | 17.80                    | 17.91                       | 17.75                     | 19.50                  |
| 15              | 256QAM     | 75      | 0         | 17.63                    | 17.68                       | 17.66                     | 19.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.96                    | 18.02                       | 17.92                     | 19.50                  |
| 10              | QPSK       | 1       | 25        | 17.88                    | 17.88                       | 17.81                     | 19.50                  |
| 10              | QPSK       | 1       | 49        | 17.90                    | 17.99                       | 17.87                     | 19.50                  |
| 10              | QPSK       | 25      | 0         | 17.93                    | 17.90                       | 17.90                     | 19.50                  |
| 10              | QPSK       | 25      | 12        | 17.66                    | 17.75                       | 17.51                     | 19.50                  |
| 10              | QPSK       | 25      | 25        | 17.70                    | 17.85                       | 17.67                     | 19.50                  |
| 10              | QPSK       | 50      | 0         | 17.84                    | 17.86                       | 17.86                     | 19.50                  |
| 10              | 16QAM      | 1       | 0         | 17.52                    | 17.64                       | 17.65                     | 19.50                  |
| 10              | 16QAM      | 1       | 25        | 17.68                    | 17.83                       | 17.79                     | 19.50                  |
| 10              | 16QAM      | 1       | 49        | 17.64                    | 17.76                       | 17.58                     | 19.50                  |
| 10              | 16QAM      | 25      | 0         | 17.43                    | 17.59                       | 17.58                     | 19.50                  |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.65  | 17.77  | 17.69  | 19.50                  |
| 10              | 16QAM  | 25 | 25 | 17.52  | 17.73  | 17.59  | 19.50                  |
| 10              | 16QAM  | 50 | 0  | 17.64  | 17.76  | 17.65  | 19.50                  |
| 10              | 64QAM  | 1  | 0  | 17.66  | 17.72  | 17.70  | 19.50                  |
| 10              | 64QAM  | 1  | 25 | 17.53  | 17.57  | 17.57  | 19.50                  |
| 10              | 64QAM  | 1  | 49 | 17.66  | 17.78  | 17.63  | 19.50                  |
| 10              | 64QAM  | 25 | 0  | 17.65  | 17.85  | 17.66  | 19.50                  |
| 10              | 64QAM  | 25 | 12 | 17.65  | 17.74  | 17.66  | 19.50                  |
| 10              | 64QAM  | 25 | 25 | 17.49  | 17.60  | 17.56  | 19.50                  |
| 10              | 64QAM  | 50 | 0  | 17.58  | 17.64  | 17.56  | 19.50                  |
| 10              | 256QAM | 1  | 0  | 17.60  | 17.73  | 17.58  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 17.62  | 17.76  | 17.59  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 17.51  | 17.70  | 17.64  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 17.70  | 17.82  | 17.71  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 17.65  | 17.85  | 17.70  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 17.76  | 17.88  | 17.71  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 17.60  | 17.71  | 17.63  | 19.50                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.89  | 18.01  | 17.91  | 19.50                  |
| 5               | QPSK   | 1  | 12 | 17.81  | 17.83  | 17.85  | 19.50                  |
| 5               | QPSK   | 1  | 24 | 17.78  | 17.94  | 17.86  | 19.50                  |
| 5               | QPSK   | 12 | 0  | 17.92  | 17.93  | 17.89  | 19.50                  |
| 5               | QPSK   | 12 | 7  | 17.59  | 17.62  | 17.48  | 19.50                  |
| 5               | QPSK   | 12 | 13 | 17.59  | 17.79  | 17.74  | 19.50                  |
| 5               | QPSK   | 25 | 0  | 17.88  | 17.90  | 17.94  | 19.50                  |
| 5               | 16QAM  | 1  | 0  | 17.51  | 17.67  | 17.60  | 19.50                  |
| 5               | 16QAM  | 1  | 12 | 17.65  | 17.80  | 17.74  | 19.50                  |
| 5               | 16QAM  | 1  | 24 | 17.77  | 17.74  | 17.60  | 19.50                  |
| 5               | 16QAM  | 12 | 0  | 17.47  | 17.65  | 17.55  | 19.50                  |
| 5               | 16QAM  | 12 | 7  | 17.71  | 17.78  | 17.62  | 19.50                  |
| 5               | 16QAM  | 12 | 13 | 17.55  | 17.74  | 17.57  | 19.50                  |
| 5               | 16QAM  | 25 | 0  | 17.66  | 17.72  | 17.59  | 19.50                  |
| 5               | 64QAM  | 1  | 0  | 17.62  | 17.75  | 17.65  | 19.50                  |
| 5               | 64QAM  | 1  | 12 | 17.58  | 17.64  | 17.54  | 19.50                  |
| 5               | 64QAM  | 1  | 24 | 17.64  | 17.79  | 17.67  | 19.50                  |
| 5               | 64QAM  | 12 | 0  | 17.73  | 17.77  | 17.74  | 19.50                  |
| 5               | 64QAM  | 12 | 7  | 17.64  | 17.72  | 17.65  | 19.50                  |
| 5               | 64QAM  | 12 | 13 | 17.52  | 17.65  | 17.46  | 19.50                  |
| 5               | 64QAM  | 25 | 0  | 17.52  | 17.59  | 17.49  | 19.50                  |
| 5               | 256QAM | 1  | 0  | 17.73  | 17.82  | 17.58  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 17.61  | 17.80  | 17.58  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 17.60  | 17.79  | 17.68  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 17.75  | 17.78  | 17.67  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 17.63  | 17.87  | 17.71  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.83  | 17.90  | 17.74  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.62  | 17.63  | 17.58  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.94  | 18.00  | 17.93  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.77  | 17.85  | 17.78  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.81  | 17.98  | 17.88  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 17.85  | 17.97  | 17.86  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.58  | 17.71  | 17.58  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.59  | 17.90  | 17.76  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.83  | 17.94  | 17.86  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 17.59  | 17.73  | 17.61  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 17.75  | 17.74  | 17.67  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.75  | 17.79  | 17.63  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.54  | 17.66  | 17.59  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.69  | 17.76  | 17.69  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.59  | 17.68  | 17.63  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.64  | 17.78  | 17.63  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.53  | 17.72  | 17.70  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 17.47  | 17.63  | 17.54  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 17.72  | 17.76  | 17.69  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 17.65  | 17.82  | 17.72  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 17.66  | 17.74  | 17.66  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 17.50  | 17.60  | 17.59  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 17.52  | 17.70  | 17.54  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.61  | 17.74  | 17.66  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.65  | 17.82  | 17.66  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.55  | 17.67  | 17.71  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.76  | 17.85  | 17.64  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.68  | 17.80  | 17.74  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.75  | 17.85  | 17.68  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.55  | 17.72  | 17.55  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |

| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.93  | 17.98  | 18.00  | 19.50 |
| 1.4             | QPSK   | 1 | 3 | 17.77  | 17.89  | 17.88  | 19.50 |
| 1.4             | QPSK   | 1 | 5 | 17.85  | 17.89  | 17.76  | 19.50 |
| 1.4             | QPSK   | 3 | 0 | 17.87  | 17.95  | 17.90  | 19.50 |
| 1.4             | QPSK   | 3 | 1 | 17.65  | 17.65  | 17.59  | 19.50 |
| 1.4             | QPSK   | 3 | 3 | 17.66  | 17.89  | 17.79  | 19.50 |
| 1.4             | QPSK   | 6 | 0 | 17.90  | 17.90  | 17.81  | 19.50 |
| 1.4             | 16QAM  | 1 | 0 | 17.53  | 17.77  | 17.65  | 19.50 |
| 1.4             | 16QAM  | 1 | 3 | 17.65  | 17.75  | 17.75  | 19.50 |
| 1.4             | 16QAM  | 1 | 5 | 17.74  | 17.80  | 17.59  | 19.50 |
| 1.4             | 16QAM  | 3 | 0 | 17.46  | 17.59  | 17.50  | 19.50 |
| 1.4             | 16QAM  | 3 | 1 | 17.63  | 17.85  | 17.67  | 19.50 |
| 1.4             | 16QAM  | 3 | 3 | 17.61  | 17.72  | 17.54  | 19.50 |
| 1.4             | 16QAM  | 6 | 0 | 17.59  | 17.82  | 17.65  | 19.50 |
| 1.4             | 64QAM  | 1 | 0 | 17.56  | 17.66  | 17.62  | 19.50 |
| 1.4             | 64QAM  | 1 | 3 | 17.52  | 17.56  | 17.47  | 19.50 |
| 1.4             | 64QAM  | 1 | 5 | 17.67  | 17.84  | 17.65  | 19.50 |
| 1.4             | 64QAM  | 3 | 0 | 17.74  | 17.80  | 17.74  | 19.50 |
| 1.4             | 64QAM  | 3 | 1 | 17.64  | 17.76  | 17.68  | 19.50 |
| 1.4             | 64QAM  | 3 | 3 | 17.50  | 17.66  | 17.50  | 19.50 |
| 1.4             | 64QAM  | 6 | 0 | 17.48  | 17.73  | 17.62  | 19.50 |
| 1.4             | 256QAM | 1 | 0 | 17.70  | 17.74  | 17.57  | 19.50 |
| 1.4             | 256QAM | 1 | 3 | 17.71  | 17.78  | 17.67  | 19.50 |
| 1.4             | 256QAM | 1 | 5 | 17.56  | 17.73  | 17.67  | 19.50 |
| 1.4             | 256QAM | 3 | 0 | 17.79  | 17.84  | 17.70  | 19.50 |
| 1.4             | 256QAM | 3 | 1 | 17.64  | 17.80  | 17.68  | 19.50 |
| 1.4             | 256QAM | 3 | 3 | 17.79  | 17.90  | 17.74  | 19.50 |
| 1.4             | 256QAM | 6 | 0 | 17.59  | 17.71  | 17.56  | 19.50 |

**【LTE Band 4\_Ant 5\_ECI3-2】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.63                    | 17.67                       | 17.65                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.39                    | 17.50                       | 17.45                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.42                    | 17.54                       | 17.49                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.54                    | 17.58                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.32                    | 17.39                       | 17.28                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.32                    | 17.50                       | 17.40                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.53                    | 17.57                       | 17.54                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.35                    | 17.44                       | 17.38                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.46                    | 17.56                       | 17.53                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.43                    | 17.53                       | 17.45                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.39                    | 17.48                       | 17.38                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.34                    | 17.50                       | 17.45                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.37                    | 17.55                       | 17.52                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.28                    | 17.41                       | 17.24                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.32                    | 17.51                       | 17.36                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.38                    | 17.52                       | 17.43                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.23                    | 17.37                       | 17.23                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.26                    | 17.45                       | 17.38                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.32                    | 17.46                       | 17.34                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.47                    | 17.55                       | 17.45                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.43                    | 17.54                       | 17.41                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.34                    | 17.50                       | 17.36                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.48                    | 17.56                       | 17.50                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.47                    | 17.56                       | 17.52                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.46                    | 17.60                       | 17.44                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.37                    | 17.55                       | 17.40                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.28                    | 17.47                       | 17.34                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.42                    | 17.50                       | 17.45                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.61                    | 17.56                       | 17.53                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.27                    | 17.38                       | 17.32                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.32                    | 17.39                       | 17.45                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.46                    | 17.46                       | 17.48                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.28                    | 17.25                       | 17.17                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.20                    | 17.46                       | 17.38                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.41                    | 17.46                       | 17.52                     | 19.50                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.29  | 17.35  | 17.30  | 19.50         |
| 15              | 16QAM  | 1  | 37 | 17.43  | 17.44  | 17.46  | 19.50         |
| 15              | 16QAM  | 1  | 74 | 17.36  | 17.39  | 17.35  | 19.50         |
| 15              | 16QAM  | 36 | 0  | 17.36  | 17.45  | 17.27  | 19.50         |
| 15              | 16QAM  | 36 | 20 | 17.23  | 17.42  | 17.34  | 19.50         |
| 15              | 16QAM  | 36 | 39 | 17.35  | 17.43  | 17.48  | 19.50         |
| 15              | 16QAM  | 75 | 0  | 17.16  | 17.26  | 17.11  | 19.50         |
| 15              | 64QAM  | 1  | 0  | 17.25  | 17.44  | 17.31  | 19.50         |
| 15              | 64QAM  | 1  | 37 | 17.31  | 17.42  | 17.41  | 19.50         |
| 15              | 64QAM  | 1  | 74 | 17.13  | 17.28  | 17.20  | 19.50         |
| 15              | 64QAM  | 36 | 0  | 17.23  | 17.40  | 17.35  | 19.50         |
| 15              | 64QAM  | 36 | 20 | 17.28  | 17.40  | 17.28  | 19.50         |
| 15              | 64QAM  | 36 | 39 | 17.37  | 17.43  | 17.42  | 19.50         |
| 15              | 64QAM  | 75 | 0  | 17.40  | 17.53  | 17.38  | 19.50         |
| 15              | 256QAM | 1  | 0  | 17.31  | 17.36  | 17.27  | 19.50         |
| 15              | 256QAM | 1  | 37 | 17.40  | 17.47  | 17.47  | 19.50         |
| 15              | 256QAM | 1  | 74 | 17.42  | 17.53  | 17.50  | 19.50         |
| 15              | 256QAM | 36 | 0  | 17.39  | 17.51  | 17.32  | 19.50         |
| 15              | 256QAM | 36 | 20 | 17.28  | 17.41  | 17.38  | 19.50         |
| 15              | 256QAM | 36 | 39 | 17.19  | 17.33  | 17.25  | 19.50         |
| 15              | 256QAM | 75 | 0  | 17.35  | 17.38  | 17.34  | 19.50         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.51  | 17.57  | 17.59  | 19.50         |
| 10              | QPSK   | 1  | 25 | 17.32  | 17.48  | 17.34  | 19.50         |
| 10              | QPSK   | 1  | 49 | 17.37  | 17.52  | 17.34  | 19.50         |
| 10              | QPSK   | 25 | 0  | 17.46  | 17.45  | 17.46  | 19.50         |
| 10              | QPSK   | 25 | 12 | 17.28  | 17.25  | 17.18  | 19.50         |
| 10              | QPSK   | 25 | 25 | 17.25  | 17.49  | 17.31  | 19.50         |
| 10              | QPSK   | 50 | 0  | 17.49  | 17.55  | 17.40  | 19.50         |
| 10              | 16QAM  | 1  | 0  | 17.23  | 17.34  | 17.30  | 19.50         |
| 10              | 16QAM  | 1  | 25 | 17.44  | 17.48  | 17.48  | 19.50         |
| 10              | 16QAM  | 1  | 49 | 17.39  | 17.44  | 17.42  | 19.50         |
| 10              | 16QAM  | 25 | 0  | 17.34  | 17.36  | 17.23  | 19.50         |
| 10              | 16QAM  | 25 | 12 | 17.27  | 17.42  | 17.41  | 19.50         |
| 10              | 16QAM  | 25 | 25 | 17.36  | 17.42  | 17.43  | 19.50         |
| 10              | 16QAM  | 50 | 0  | 17.14  | 17.35  | 17.09  | 19.50         |
| 10              | 64QAM  | 1  | 0  | 17.25  | 17.46  | 17.33  | 19.50         |
| 10              | 64QAM  | 1  | 25 | 17.32  | 17.43  | 17.31  | 19.50         |
| 10              | 64QAM  | 1  | 49 | 17.19  | 17.34  | 17.16  | 19.50         |
| 10              | 64QAM  | 25 | 0  | 17.17  | 17.37  | 17.27  | 19.50         |
| 10              | 64QAM  | 25 | 12 | 17.26  | 17.44  | 17.19  | 19.50         |
| 10              | 64QAM  | 25 | 25 | 17.38  | 17.44  | 17.33  | 19.50         |
| 10              | 64QAM  | 50 | 0  | 17.37  | 17.53  | 17.30  | 19.50         |
| 10              | 256QAM | 1  | 0  | 17.27  | 17.46  | 17.21  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.44  | 17.45  | 17.45  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.38  | 17.42  | 17.44  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.40  | 17.51  | 17.33  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.32  | 17.53  | 17.29  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.16  | 17.34  | 17.33  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.29  | 17.40  | 17.36  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.59  | 17.64  | 17.52  | 19.50         |
| 5               | QPSK   | 1  | 12 | 17.26  | 17.44  | 17.31  | 19.50         |
| 5               | QPSK   | 1  | 24 | 17.38  | 17.43  | 17.44  | 19.50         |
| 5               | QPSK   | 12 | 0  | 17.40  | 17.51  | 17.49  | 19.50         |
| 5               | QPSK   | 12 | 7  | 17.21  | 17.31  | 17.15  | 19.50         |
| 5               | QPSK   | 12 | 13 | 17.30  | 17.44  | 17.25  | 19.50         |
| 5               | QPSK   | 25 | 0  | 17.40  | 17.49  | 17.44  | 19.50         |
| 5               | 16QAM  | 1  | 0  | 17.21  | 17.35  | 17.31  | 19.50         |
| 5               | 16QAM  | 1  | 12 | 17.39  | 17.52  | 17.51  | 19.50         |
| 5               | 16QAM  | 1  | 24 | 17.31  | 17.42  | 17.38  | 19.50         |
| 5               | 16QAM  | 12 | 0  | 17.30  | 17.43  | 17.31  | 19.50         |
| 5               | 16QAM  | 12 | 7  | 17.31  | 17.35  | 17.39  | 19.50         |
| 5               | 16QAM  | 12 | 13 | 17.26  | 17.53  | 17.44  | 19.50         |
| 5               | 16QAM  | 25 | 0  | 17.25  | 17.39  | 17.18  | 19.50         |
| 5               | 64QAM  | 1  | 0  | 17.19  | 17.50  | 17.24  | 19.50         |
| 5               | 64QAM  | 1  | 12 | 17.34  | 17.40  | 17.28  | 19.50         |
| 5               | 64QAM  | 1  | 24 | 17.16  | 17.33  | 17.13  | 19.50         |
| 5               | 64QAM  | 12 | 0  | 17.24  | 17.36  | 17.31  | 19.50         |
| 5               | 64QAM  | 12 | 7  | 17.19  | 17.40  | 17.24  | 19.50         |
| 5               | 64QAM  | 12 | 13 | 17.37  | 17.48  | 17.34  | 19.50         |
| 5               | 64QAM  | 25 | 0  | 17.42  | 17.43  | 17.27  | 19.50         |
| 5               | 256QAM | 1  | 0  | 17.28  | 17.47  | 17.32  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.43  | 17.42  | 17.39  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.35  | 17.45  | 17.45  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.44  | 17.50  | 17.32  | 19.50         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.28  | 17.47  | 17.26  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.21  | 17.42  | 17.20  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.32  | 17.39  | 17.41  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.51  | 17.53  | 17.54  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.34  | 17.37  | 17.38  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.36  | 17.53  | 17.45  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 17.48  | 17.51  | 17.52  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.31  | 17.37  | 17.25  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.22  | 17.42  | 17.26  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.50  | 17.52  | 17.47  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 17.20  | 17.34  | 17.24  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 17.38  | 17.46  | 17.43  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.36  | 17.47  | 17.44  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.35  | 17.39  | 17.36  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.33  | 17.42  | 17.35  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.32  | 17.44  | 17.46  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.23  | 17.34  | 17.23  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.31  | 17.49  | 17.23  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 17.30  | 17.44  | 17.31  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 17.15  | 17.31  | 17.17  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 17.24  | 17.42  | 17.29  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 17.30  | 17.39  | 17.24  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 17.38  | 17.42  | 17.43  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 17.35  | 17.44  | 17.34  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.19  | 17.44  | 17.31  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.40  | 17.45  | 17.39  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.36  | 17.51  | 17.41  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.44  | 17.54  | 17.39  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.22  | 17.50  | 17.34  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.16  | 17.44  | 17.31  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.28  | 17.39  | 17.34  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.59  | 17.54  | 17.52  | 19.50                  |
| 1.4             | QPSK   | 1  | 3  | 17.32  | 17.37  | 17.41  | 19.50                  |
| 1.4             | QPSK   | 1  | 5  | 17.35  | 17.53  | 17.42  | 19.50                  |
| 1.4             | QPSK   | 3  | 0  | 17.47  | 17.53  | 17.40  | 19.50                  |
| 1.4             | QPSK   | 3  | 1  | 17.18  | 17.36  | 17.24  | 19.50                  |
| 1.4             | QPSK   | 3  | 3  | 17.21  | 17.46  | 17.31  | 19.50                  |
| 1.4             | QPSK   | 6  | 0  | 17.46  | 17.48  | 17.48  | 19.50                  |
| 1.4             | 16QAM  | 1  | 0  | 17.26  | 17.34  | 17.33  | 19.50                  |
| 1.4             | 16QAM  | 1  | 3  | 17.38  | 17.45  | 17.43  | 19.50                  |
| 1.4             | 16QAM  | 1  | 5  | 17.41  | 17.44  | 17.33  | 19.50                  |
| 1.4             | 16QAM  | 3  | 0  | 17.26  | 17.38  | 17.32  | 19.50                  |
| 1.4             | 16QAM  | 3  | 1  | 17.23  | 17.41  | 17.41  | 19.50                  |
| 1.4             | 16QAM  | 3  | 3  | 17.36  | 17.47  | 17.49  | 19.50                  |
| 1.4             | 16QAM  | 6  | 0  | 17.21  | 17.33  | 17.15  | 19.50                  |
| 1.4             | 64QAM  | 1  | 0  | 17.27  | 17.47  | 17.29  | 19.50                  |
| 1.4             | 64QAM  | 1  | 3  | 17.25  | 17.44  | 17.35  | 19.50                  |
| 1.4             | 64QAM  | 1  | 5  | 17.17  | 17.25  | 17.17  | 19.50                  |
| 1.4             | 64QAM  | 3  | 0  | 17.16  | 17.36  | 17.32  | 19.50                  |
| 1.4             | 64QAM  | 3  | 1  | 17.24  | 17.45  | 17.26  | 19.50                  |
| 1.4             | 64QAM  | 3  | 3  | 17.35  | 17.44  | 17.32  | 19.50                  |
| 1.4             | 64QAM  | 6  | 0  | 17.35  | 17.42  | 17.30  | 19.50                  |
| 1.4             | 256QAM | 1  | 0  | 17.21  | 17.36  | 17.29  | 19.50                  |
| 1.4             | 256QAM | 1  | 3  | 17.33  | 17.45  | 17.48  | 19.50                  |
| 1.4             | 256QAM | 1  | 5  | 17.46  | 17.47  | 17.42  | 19.50                  |
| 1.4             | 256QAM | 3  | 0  | 17.41  | 17.58  | 17.41  | 19.50                  |
| 1.4             | 256QAM | 3  | 1  | 17.29  | 17.46  | 17.31  | 19.50                  |
| 1.4             | 256QAM | 3  | 3  | 17.14  | 17.34  | 17.23  | 19.50                  |
| 1.4             | 256QAM | 6  | 0  | 17.40  | 17.47  | 17.33  | 19.50                  |



## 【LTE Band 4\_Ant 5\_ECI4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.91                    | 17.96                       | 17.93                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.72                    | 17.81                       | 17.63                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.61                    | 17.77                       | 17.67                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.83                    | 17.87                       | 17.85                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.65                    | 17.74                       | 17.62                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.73                    | 17.84                       | 17.73                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.81                    | 17.85                       | 17.83                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.58                    | 17.76                       | 17.66                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.60                    | 17.70                       | 17.56                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.71                    | 17.77                       | 17.73                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.55                    | 17.69                       | 17.55                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.53                    | 17.72                       | 17.55                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.49                    | 17.68                       | 17.56                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.72                    | 17.81                       | 17.67                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.67                    | 17.79                       | 17.68                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.73                    | 17.80                       | 17.64                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.62                    | 17.75                       | 17.63                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.64                    | 17.80                       | 17.62                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.63                    | 17.79                       | 17.65                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.65                    | 17.76                       | 17.68                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.58                    | 17.76                       | 17.65                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.67                    | 17.75                       | 17.67                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.62                    | 17.76                       | 17.60                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.61                    | 17.71                       | 17.55                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.57                    | 17.72                       | 17.63                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.55                    | 17.73                       | 17.56                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.63                    | 17.77                       | 17.62                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.57                    | 17.75                       | 17.61                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.87                    | 17.84                       | 17.83                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.68                    | 17.69                       | 17.54                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.47                    | 17.66                       | 17.60                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.81                    | 17.82                       | 17.83                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.61                    | 17.72                       | 17.52                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.67                    | 17.74                       | 17.64                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.78                    | 17.82                       | 17.68                     | 19.50                  |
| 15              | 16QAM      | 1       | 0         | 17.50                    | 17.71                       | 17.63                     | 19.50                  |
| 15              | 16QAM      | 1       | 37        | 17.55                    | 17.66                       | 17.45                     | 19.50                  |
| 15              | 16QAM      | 1       | 74        | 17.64                    | 17.74                       | 17.60                     | 19.50                  |
| 15              | 16QAM      | 36      | 0         | 17.46                    | 17.62                       | 17.52                     | 19.50                  |
| 15              | 16QAM      | 36      | 20        | 17.43                    | 17.68                       | 17.49                     | 19.50                  |
| 15              | 16QAM      | 36      | 39        | 17.45                    | 17.62                       | 17.53                     | 19.50                  |
| 15              | 16QAM      | 75      | 0         | 17.70                    | 17.72                       | 17.55                     | 19.50                  |
| 15              | 64QAM      | 1       | 0         | 17.56                    | 17.77                       | 17.58                     | 19.50                  |
| 15              | 64QAM      | 1       | 37        | 17.59                    | 17.76                       | 17.49                     | 19.50                  |
| 15              | 64QAM      | 1       | 74        | 17.57                    | 17.73                       | 17.62                     | 19.50                  |
| 15              | 64QAM      | 36      | 0         | 17.56                    | 17.72                       | 17.51                     | 19.50                  |
| 15              | 64QAM      | 36      | 20        | 17.56                    | 17.67                       | 17.62                     | 19.50                  |
| 15              | 64QAM      | 36      | 39        | 17.62                    | 17.72                       | 17.57                     | 19.50                  |
| 15              | 64QAM      | 75      | 0         | 17.50                    | 17.63                       | 17.53                     | 19.50                  |
| 15              | 256QAM     | 1       | 0         | 17.63                    | 17.72                       | 17.58                     | 19.50                  |
| 15              | 256QAM     | 1       | 37        | 17.59                    | 17.64                       | 17.46                     | 19.50                  |
| 15              | 256QAM     | 1       | 74        | 17.59                    | 17.60                       | 17.50                     | 19.50                  |
| 15              | 256QAM     | 36      | 0         | 17.50                    | 17.66                       | 17.58                     | 19.50                  |
| 15              | 256QAM     | 36      | 20        | 17.42                    | 17.58                       | 17.54                     | 19.50                  |
| 15              | 256QAM     | 36      | 39        | 17.51                    | 17.75                       | 17.52                     | 19.50                  |
| 15              | 256QAM     | 75      | 0         | 17.56                    | 17.67                       | 17.58                     | 19.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.78                    | 17.82                       | 17.81                     | 19.50                  |
| 10              | QPSK       | 1       | 25        | 17.67                    | 17.78                       | 17.57                     | 19.50                  |
| 10              | QPSK       | 1       | 49        | 17.56                    | 17.68                       | 17.66                     | 19.50                  |
| 10              | QPSK       | 25      | 0         | 17.74                    | 17.83                       | 17.82                     | 19.50                  |
| 10              | QPSK       | 25      | 12        | 17.61                    | 17.69                       | 17.56                     | 19.50                  |
| 10              | QPSK       | 25      | 25        | 17.67                    | 17.75                       | 17.68                     | 19.50                  |
| 10              | QPSK       | 50      | 0         | 17.70                    | 17.79                       | 17.79                     | 19.50                  |
| 10              | 16QAM      | 1       | 0         | 17.51                    | 17.65                       | 17.53                     | 19.50                  |
| 10              | 16QAM      | 1       | 25        | 17.48                    | 17.63                       | 17.50                     | 19.50                  |
| 10              | 16QAM      | 1       | 49        | 17.61                    | 17.75                       | 17.66                     | 19.50                  |
| 10              | 16QAM      | 25      | 0         | 17.42                    | 17.59                       | 17.46                     | 19.50                  |



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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.44  | 17.70  | 17.47  | 19.50                  |
| 10              | 16QAM  | 25 | 25 | 17.47  | 17.54  | 17.52  | 19.50                  |
| 10              | 16QAM  | 50 | 0  | 17.68  | 17.73  | 17.60  | 19.50                  |
| 10              | 64QAM  | 1  | 0  | 17.55  | 17.76  | 17.65  | 19.50                  |
| 10              | 64QAM  | 1  | 25 | 17.69  | 17.73  | 17.63  | 19.50                  |
| 10              | 64QAM  | 1  | 49 | 17.54  | 17.66  | 17.52  | 19.50                  |
| 10              | 64QAM  | 25 | 0  | 17.55  | 17.67  | 17.50  | 19.50                  |
| 10              | 64QAM  | 25 | 12 | 17.50  | 17.75  | 17.51  | 19.50                  |
| 10              | 64QAM  | 25 | 25 | 17.61  | 17.65  | 17.57  | 19.50                  |
| 10              | 64QAM  | 50 | 0  | 17.53  | 17.65  | 17.54  | 19.50                  |
| 10              | 256QAM | 1  | 0  | 17.52  | 17.64  | 17.65  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 17.54  | 17.71  | 17.57  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 17.54  | 17.67  | 17.53  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 17.48  | 17.70  | 17.60  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 17.53  | 17.70  | 17.47  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 17.59  | 17.70  | 17.57  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 17.51  | 17.72  | 17.49  | 19.50                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.78  | 17.86  | 17.87  | 19.50                  |
| 5               | QPSK   | 1  | 12 | 17.60  | 17.72  | 17.49  | 19.50                  |
| 5               | QPSK   | 1  | 24 | 17.60  | 17.70  | 17.53  | 19.50                  |
| 5               | QPSK   | 12 | 0  | 17.71  | 17.76  | 17.82  | 19.50                  |
| 5               | QPSK   | 12 | 7  | 17.56  | 17.69  | 17.51  | 19.50                  |
| 5               | QPSK   | 12 | 13 | 17.61  | 17.72  | 17.63  | 19.50                  |
| 5               | QPSK   | 25 | 0  | 17.70  | 17.71  | 17.77  | 19.50                  |
| 5               | 16QAM  | 1  | 0  | 17.52  | 17.73  | 17.57  | 19.50                  |
| 5               | 16QAM  | 1  | 12 | 17.46  | 17.66  | 17.50  | 19.50                  |
| 5               | 16QAM  | 1  | 24 | 17.61  | 17.75  | 17.60  | 19.50                  |
| 5               | 16QAM  | 12 | 0  | 17.45  | 17.55  | 17.48  | 19.50                  |
| 5               | 16QAM  | 12 | 7  | 17.42  | 17.65  | 17.42  | 19.50                  |
| 5               | 16QAM  | 12 | 13 | 17.34  | 17.58  | 17.52  | 19.50                  |
| 5               | 16QAM  | 25 | 0  | 17.62  | 17.78  | 17.55  | 19.50                  |
| 5               | 64QAM  | 1  | 0  | 17.60  | 17.76  | 17.62  | 19.50                  |
| 5               | 64QAM  | 1  | 12 | 17.71  | 17.68  | 17.52  | 19.50                  |
| 5               | 64QAM  | 1  | 24 | 17.56  | 17.67  | 17.49  | 19.50                  |
| 5               | 64QAM  | 12 | 0  | 17.55  | 17.71  | 17.55  | 19.50                  |
| 5               | 64QAM  | 12 | 7  | 17.60  | 17.70  | 17.53  | 19.50                  |
| 5               | 64QAM  | 12 | 13 | 17.58  | 17.67  | 17.60  | 19.50                  |
| 5               | 64QAM  | 25 | 0  | 17.46  | 17.73  | 17.60  | 19.50                  |
| 5               | 256QAM | 1  | 0  | 17.56  | 17.64  | 17.54  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 17.56  | 17.64  | 17.54  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 17.49  | 17.65  | 17.53  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 17.45  | 17.66  | 17.56  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 17.50  | 17.61  | 17.42  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.59  | 17.68  | 17.58  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.43  | 17.72  | 17.46  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.81  | 17.92  | 17.84  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.63  | 17.73  | 17.54  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.48  | 17.68  | 17.59  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 17.79  | 17.82  | 17.82  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.51  | 17.65  | 17.61  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.72  | 17.76  | 17.60  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.69  | 17.77  | 17.78  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 17.50  | 17.70  | 17.51  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 17.48  | 17.66  | 17.54  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.61  | 17.65  | 17.62  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.52  | 17.57  | 17.40  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.44  | 17.61  | 17.47  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.46  | 17.59  | 17.48  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.70  | 17.71  | 17.56  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.61  | 17.65  | 17.63  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 17.72  | 17.70  | 17.55  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 17.58  | 17.64  | 17.50  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 17.56  | 17.76  | 17.59  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 17.55  | 17.78  | 17.51  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 17.51  | 17.74  | 17.56  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 17.57  | 17.69  | 17.58  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.57  | 17.62  | 17.64  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.48  | 17.65  | 17.47  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.52  | 17.61  | 17.41  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.50  | 17.70  | 17.56  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.43  | 17.61  | 17.41  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.62  | 17.67  | 17.58  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.54  | 17.68  | 17.49  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |

| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.88  | 17.90  | 17.88  | 19.50 |
| 1.4             | QPSK   | 1 | 3 | 17.60  | 17.75  | 17.50  | 19.50 |
| 1.4             | QPSK   | 1 | 5 | 17.54  | 17.74  | 17.58  | 19.50 |
| 1.4             | QPSK   | 3 | 0 | 17.69  | 17.80  | 17.74  | 19.50 |
| 1.4             | QPSK   | 3 | 1 | 17.50  | 17.68  | 17.53  | 19.50 |
| 1.4             | QPSK   | 3 | 3 | 17.68  | 17.73  | 17.69  | 19.50 |
| 1.4             | QPSK   | 6 | 0 | 17.73  | 17.76  | 17.78  | 19.50 |
| 1.4             | 16QAM  | 1 | 0 | 17.51  | 17.74  | 17.54  | 19.50 |
| 1.4             | 16QAM  | 1 | 3 | 17.51  | 17.67  | 17.48  | 19.50 |
| 1.4             | 16QAM  | 1 | 5 | 17.65  | 17.74  | 17.63  | 19.50 |
| 1.4             | 16QAM  | 3 | 0 | 17.46  | 17.56  | 17.43  | 19.50 |
| 1.4             | 16QAM  | 3 | 1 | 17.42  | 17.68  | 17.45  | 19.50 |
| 1.4             | 16QAM  | 3 | 3 | 17.35  | 17.64  | 17.46  | 19.50 |
| 1.4             | 16QAM  | 6 | 0 | 17.58  | 17.79  | 17.64  | 19.50 |
| 1.4             | 64QAM  | 1 | 0 | 17.56  | 17.65  | 17.62  | 19.50 |
| 1.4             | 64QAM  | 1 | 3 | 17.68  | 17.70  | 17.59  | 19.50 |
| 1.4             | 64QAM  | 1 | 5 | 17.54  | 17.73  | 17.51  | 19.50 |
| 1.4             | 64QAM  | 3 | 0 | 17.54  | 17.77  | 17.49  | 19.50 |
| 1.4             | 64QAM  | 3 | 1 | 17.57  | 17.72  | 17.55  | 19.50 |
| 1.4             | 64QAM  | 3 | 3 | 17.54  | 17.68  | 17.60  | 19.50 |
| 1.4             | 64QAM  | 6 | 0 | 17.45  | 17.69  | 17.63  | 19.50 |
| 1.4             | 256QAM | 1 | 0 | 17.59  | 17.73  | 17.54  | 19.50 |
| 1.4             | 256QAM | 1 | 3 | 17.50  | 17.73  | 17.58  | 19.50 |
| 1.4             | 256QAM | 1 | 5 | 17.49  | 17.62  | 17.48  | 19.50 |
| 1.4             | 256QAM | 3 | 0 | 17.52  | 17.59  | 17.53  | 19.50 |
| 1.4             | 256QAM | 3 | 1 | 17.45  | 17.61  | 17.49  | 19.50 |
| 1.4             | 256QAM | 3 | 3 | 17.50  | 17.70  | 17.48  | 19.50 |
| 1.4             | 256QAM | 6 | 0 | 17.48  | 17.69  | 17.57  | 19.50 |

**【LTE Band 4\_Ant 5\_ECI4-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 18.03                    | 18.06                       | 18.02                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.90                    | 17.96                       | 17.90                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.91                    | 18.00                       | 17.91                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.99                    | 18.01                       | 17.97                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.70                    | 17.77                       | 17.61                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.74                    | 17.91                       | 17.80                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.93                    | 17.98                       | 17.96                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.65                    | 17.79                       | 17.69                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.78                    | 17.87                       | 17.81                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.78                    | 17.86                       | 17.68                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.57                    | 17.73                       | 17.61                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.76                    | 17.89                       | 17.76                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.62                    | 17.78                       | 17.65                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.68                    | 17.83                       | 17.72                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.68                    | 17.78                       | 17.72                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.60                    | 17.69                       | 17.59                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.76                    | 17.87                       | 17.75                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.76                    | 17.91                       | 17.77                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.78                    | 17.83                       | 17.72                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.61                    | 17.71                       | 17.61                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.60                    | 17.74                       | 17.63                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.75                    | 17.83                       | 17.72                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.72                    | 17.85                       | 17.70                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.62                    | 17.80                       | 17.72                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.81                    | 17.91                       | 17.75                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.77                    | 17.91                       | 17.78                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.88                    | 17.93                       | 17.78                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.65                    | 17.75                       | 17.70                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.96                    | 17.98                       | 17.99                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.82                    | 17.91                       | 17.83                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.85                    | 17.97                       | 17.86                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.86                    | 17.92                       | 17.90                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.58                    | 17.75                       | 17.49                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.71                    | 17.78                       | 17.70                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.79                    | 17.83                       | 17.82                     | 19.50                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.57  | 17.67  | 17.59  | 19.50         |
| 15              | 16QAM  | 1  | 37 | 17.76  | 17.81  | 17.69  | 19.50         |
| 15              | 16QAM  | 1  | 74 | 17.70  | 17.71  | 17.61  | 19.50         |
| 15              | 16QAM  | 36 | 0  | 17.52  | 17.69  | 17.60  | 19.50         |
| 15              | 16QAM  | 36 | 20 | 17.73  | 17.77  | 17.64  | 19.50         |
| 15              | 16QAM  | 36 | 39 | 17.49  | 17.69  | 17.59  | 19.50         |
| 15              | 16QAM  | 75 | 0  | 17.60  | 17.81  | 17.61  | 19.50         |
| 15              | 64QAM  | 1  | 0  | 17.55  | 17.65  | 17.59  | 19.50         |
| 15              | 64QAM  | 1  | 37 | 17.53  | 17.61  | 17.53  | 19.50         |
| 15              | 64QAM  | 1  | 74 | 17.72  | 17.75  | 17.64  | 19.50         |
| 15              | 64QAM  | 36 | 0  | 17.74  | 17.83  | 17.63  | 19.50         |
| 15              | 64QAM  | 36 | 20 | 17.67  | 17.78  | 17.62  | 19.50         |
| 15              | 64QAM  | 36 | 39 | 17.52  | 17.67  | 17.57  | 19.50         |
| 15              | 64QAM  | 75 | 0  | 17.59  | 17.65  | 17.53  | 19.50         |
| 15              | 256QAM | 1  | 0  | 17.73  | 17.79  | 17.63  | 19.50         |
| 15              | 256QAM | 1  | 37 | 17.59  | 17.71  | 17.69  | 19.50         |
| 15              | 256QAM | 1  | 74 | 17.51  | 17.73  | 17.70  | 19.50         |
| 15              | 256QAM | 36 | 0  | 17.69  | 17.87  | 17.65  | 19.50         |
| 15              | 256QAM | 36 | 20 | 17.63  | 17.80  | 17.75  | 19.50         |
| 15              | 256QAM | 36 | 39 | 17.80  | 17.91  | 17.75  | 19.50         |
| 15              | 256QAM | 75 | 0  | 17.63  | 17.68  | 17.66  | 19.50         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.96  | 18.02  | 17.92  | 19.50         |
| 10              | QPSK   | 1  | 25 | 17.88  | 17.88  | 17.81  | 19.50         |
| 10              | QPSK   | 1  | 49 | 17.90  | 17.99  | 17.87  | 19.50         |
| 10              | QPSK   | 25 | 0  | 17.93  | 17.90  | 17.90  | 19.50         |
| 10              | QPSK   | 25 | 12 | 17.66  | 17.75  | 17.51  | 19.50         |
| 10              | QPSK   | 25 | 25 | 17.70  | 17.85  | 17.67  | 19.50         |
| 10              | QPSK   | 50 | 0  | 17.84  | 17.86  | 17.86  | 19.50         |
| 10              | 16QAM  | 1  | 0  | 17.52  | 17.64  | 17.65  | 19.50         |
| 10              | 16QAM  | 1  | 25 | 17.68  | 17.83  | 17.79  | 19.50         |
| 10              | 16QAM  | 1  | 49 | 17.64  | 17.76  | 17.58  | 19.50         |
| 10              | 16QAM  | 25 | 0  | 17.43  | 17.59  | 17.58  | 19.50         |
| 10              | 16QAM  | 25 | 12 | 17.65  | 17.77  | 17.69  | 19.50         |
| 10              | 16QAM  | 25 | 25 | 17.52  | 17.73  | 17.59  | 19.50         |
| 10              | 16QAM  | 50 | 0  | 17.64  | 17.76  | 17.65  | 19.50         |
| 10              | 64QAM  | 1  | 0  | 17.66  | 17.72  | 17.70  | 19.50         |
| 10              | 64QAM  | 1  | 25 | 17.53  | 17.57  | 17.57  | 19.50         |
| 10              | 64QAM  | 1  | 49 | 17.66  | 17.78  | 17.63  | 19.50         |
| 10              | 64QAM  | 25 | 0  | 17.65  | 17.85  | 17.66  | 19.50         |
| 10              | 64QAM  | 25 | 12 | 17.65  | 17.74  | 17.66  | 19.50         |
| 10              | 64QAM  | 25 | 25 | 17.49  | 17.60  | 17.56  | 19.50         |
| 10              | 64QAM  | 50 | 0  | 17.58  | 17.64  | 17.56  | 19.50         |
| 10              | 256QAM | 1  | 0  | 17.60  | 17.73  | 17.58  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.62  | 17.76  | 17.59  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.51  | 17.70  | 17.64  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.70  | 17.82  | 17.71  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.65  | 17.85  | 17.70  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.76  | 17.88  | 17.71  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.60  | 17.71  | 17.63  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.89  | 18.01  | 17.91  | 19.50         |
| 5               | QPSK   | 1  | 12 | 17.81  | 17.83  | 17.85  | 19.50         |
| 5               | QPSK   | 1  | 24 | 17.78  | 17.94  | 17.86  | 19.50         |
| 5               | QPSK   | 12 | 0  | 17.92  | 17.93  | 17.89  | 19.50         |
| 5               | QPSK   | 12 | 7  | 17.59  | 17.62  | 17.48  | 19.50         |
| 5               | QPSK   | 12 | 13 | 17.59  | 17.79  | 17.74  | 19.50         |
| 5               | QPSK   | 25 | 0  | 17.88  | 17.90  | 17.94  | 19.50         |
| 5               | 16QAM  | 1  | 0  | 17.51  | 17.67  | 17.60  | 19.50         |
| 5               | 16QAM  | 1  | 12 | 17.65  | 17.80  | 17.74  | 19.50         |
| 5               | 16QAM  | 1  | 24 | 17.77  | 17.74  | 17.60  | 19.50         |
| 5               | 16QAM  | 12 | 0  | 17.47  | 17.65  | 17.55  | 19.50         |
| 5               | 16QAM  | 12 | 7  | 17.71  | 17.78  | 17.62  | 19.50         |
| 5               | 16QAM  | 12 | 13 | 17.55  | 17.74  | 17.57  | 19.50         |
| 5               | 16QAM  | 25 | 0  | 17.66  | 17.72  | 17.59  | 19.50         |
| 5               | 64QAM  | 1  | 0  | 17.62  | 17.75  | 17.65  | 19.50         |
| 5               | 64QAM  | 1  | 12 | 17.58  | 17.64  | 17.54  | 19.50         |
| 5               | 64QAM  | 1  | 24 | 17.64  | 17.79  | 17.67  | 19.50         |
| 5               | 64QAM  | 12 | 0  | 17.73  | 17.77  | 17.74  | 19.50         |
| 5               | 64QAM  | 12 | 7  | 17.64  | 17.72  | 17.65  | 19.50         |
| 5               | 64QAM  | 12 | 13 | 17.52  | 17.65  | 17.46  | 19.50         |
| 5               | 64QAM  | 25 | 0  | 17.52  | 17.59  | 17.49  | 19.50         |
| 5               | 256QAM | 1  | 0  | 17.73  | 17.82  | 17.58  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.61  | 17.80  | 17.58  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.60  | 17.79  | 17.68  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.75  | 17.78  | 17.67  | 19.50         |



# FCC SAR Test Report

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|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.63  | 17.87  | 17.71  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 17.83  | 17.90  | 17.74  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 17.62  | 17.63  | 17.58  | 19.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.94  | 18.00  | 17.93  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.77  | 17.85  | 17.78  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.81  | 17.98  | 17.88  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 17.85  | 17.97  | 17.86  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.58  | 17.71  | 17.58  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.59  | 17.90  | 17.76  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.83  | 17.94  | 17.86  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 17.59  | 17.73  | 17.61  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 17.75  | 17.74  | 17.67  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.75  | 17.79  | 17.63  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.54  | 17.66  | 17.59  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.69  | 17.76  | 17.69  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.59  | 17.68  | 17.63  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.64  | 17.78  | 17.63  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.53  | 17.72  | 17.70  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 17.47  | 17.63  | 17.54  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 17.72  | 17.76  | 17.69  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 17.65  | 17.82  | 17.72  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 17.66  | 17.74  | 17.66  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 17.50  | 17.60  | 17.59  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 17.52  | 17.70  | 17.54  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.61  | 17.74  | 17.66  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 17.65  | 17.82  | 17.66  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 17.55  | 17.67  | 17.71  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 17.76  | 17.85  | 17.64  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 17.68  | 17.80  | 17.74  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 17.75  | 17.85  | 17.68  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 17.55  | 17.72  | 17.55  | 19.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.93  | 17.98  | 18.00  | 19.50                  |
| 1.4             | QPSK   | 1  | 3  | 17.77  | 17.89  | 17.88  | 19.50                  |
| 1.4             | QPSK   | 1  | 5  | 17.85  | 17.89  | 17.76  | 19.50                  |
| 1.4             | QPSK   | 3  | 0  | 17.87  | 17.95  | 17.90  | 19.50                  |
| 1.4             | QPSK   | 3  | 1  | 17.65  | 17.65  | 17.59  | 19.50                  |
| 1.4             | QPSK   | 3  | 3  | 17.66  | 17.89  | 17.79  | 19.50                  |
| 1.4             | QPSK   | 6  | 0  | 17.90  | 17.90  | 17.81  | 19.50                  |
| 1.4             | 16QAM  | 1  | 0  | 17.53  | 17.77  | 17.65  | 19.50                  |
| 1.4             | 16QAM  | 1  | 3  | 17.65  | 17.75  | 17.75  | 19.50                  |
| 1.4             | 16QAM  | 1  | 5  | 17.74  | 17.80  | 17.59  | 19.50                  |
| 1.4             | 16QAM  | 3  | 0  | 17.46  | 17.59  | 17.50  | 19.50                  |
| 1.4             | 16QAM  | 3  | 1  | 17.63  | 17.85  | 17.67  | 19.50                  |
| 1.4             | 16QAM  | 3  | 3  | 17.61  | 17.72  | 17.54  | 19.50                  |
| 1.4             | 16QAM  | 6  | 0  | 17.59  | 17.82  | 17.65  | 19.50                  |
| 1.4             | 64QAM  | 1  | 0  | 17.56  | 17.66  | 17.62  | 19.50                  |
| 1.4             | 64QAM  | 1  | 3  | 17.52  | 17.56  | 17.47  | 19.50                  |
| 1.4             | 64QAM  | 1  | 5  | 17.67  | 17.84  | 17.65  | 19.50                  |
| 1.4             | 64QAM  | 3  | 0  | 17.74  | 17.80  | 17.74  | 19.50                  |
| 1.4             | 64QAM  | 3  | 1  | 17.64  | 17.76  | 17.68  | 19.50                  |
| 1.4             | 64QAM  | 3  | 3  | 17.50  | 17.66  | 17.50  | 19.50                  |
| 1.4             | 64QAM  | 6  | 0  | 17.48  | 17.73  | 17.62  | 19.50                  |
| 1.4             | 256QAM | 1  | 0  | 17.70  | 17.74  | 17.57  | 19.50                  |
| 1.4             | 256QAM | 1  | 3  | 17.71  | 17.78  | 17.67  | 19.50                  |
| 1.4             | 256QAM | 1  | 5  | 17.56  | 17.73  | 17.67  | 19.50                  |
| 1.4             | 256QAM | 3  | 0  | 17.79  | 17.84  | 17.70  | 19.50                  |
| 1.4             | 256QAM | 3  | 1  | 17.64  | 17.80  | 17.68  | 19.50                  |
| 1.4             | 256QAM | 3  | 3  | 17.79  | 17.90  | 17.74  | 19.50                  |
| 1.4             | 256QAM | 6  | 0  | 17.59  | 17.71  | 17.56  | 19.50                  |



## 【LTE Band 4\_Ant 5\_ECI4-2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.63                    | 17.67                       | 17.65                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 17.39                    | 17.50                       | 17.45                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.42                    | 17.54                       | 17.49                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 17.54                    | 17.58                       | 17.55                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 17.32                    | 17.39                       | 17.28                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.32                    | 17.50                       | 17.40                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.53                    | 17.57                       | 17.54                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 17.35                    | 17.44                       | 17.38                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 17.46                    | 17.56                       | 17.53                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 17.43                    | 17.53                       | 17.45                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.39                    | 17.48                       | 17.38                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 17.34                    | 17.50                       | 17.45                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 17.37                    | 17.55                       | 17.52                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 17.28                    | 17.41                       | 17.24                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 17.32                    | 17.51                       | 17.36                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 17.38                    | 17.52                       | 17.43                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 17.23                    | 17.37                       | 17.23                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 17.26                    | 17.45                       | 17.38                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 17.32                    | 17.46                       | 17.34                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 17.47                    | 17.55                       | 17.45                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 17.43                    | 17.54                       | 17.41                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.34                    | 17.50                       | 17.36                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 17.48                    | 17.56                       | 17.50                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 17.47                    | 17.56                       | 17.52                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 17.46                    | 17.60                       | 17.44                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 17.37                    | 17.55                       | 17.40                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 17.28                    | 17.47                       | 17.34                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 17.42                    | 17.50                       | 17.45                     | 19.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.61                    | 17.56                       | 17.53                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 17.27                    | 17.38                       | 17.32                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 17.32                    | 17.39                       | 17.45                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 17.46                    | 17.46                       | 17.48                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 17.28                    | 17.25                       | 17.17                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 17.20                    | 17.46                       | 17.38                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 17.41                    | 17.46                       | 17.52                     | 19.50                  |
| 15              | 16QAM      | 1       | 0         | 17.29                    | 17.35                       | 17.30                     | 19.50                  |
| 15              | 16QAM      | 1       | 37        | 17.43                    | 17.44                       | 17.46                     | 19.50                  |
| 15              | 16QAM      | 1       | 74        | 17.36                    | 17.39                       | 17.35                     | 19.50                  |
| 15              | 16QAM      | 36      | 0         | 17.36                    | 17.45                       | 17.27                     | 19.50                  |
| 15              | 16QAM      | 36      | 20        | 17.23                    | 17.42                       | 17.34                     | 19.50                  |
| 15              | 16QAM      | 36      | 39        | 17.35                    | 17.43                       | 17.48                     | 19.50                  |
| 15              | 16QAM      | 75      | 0         | 17.16                    | 17.26                       | 17.11                     | 19.50                  |
| 15              | 64QAM      | 1       | 0         | 17.25                    | 17.44                       | 17.31                     | 19.50                  |
| 15              | 64QAM      | 1       | 37        | 17.31                    | 17.42                       | 17.41                     | 19.50                  |
| 15              | 64QAM      | 1       | 74        | 17.13                    | 17.28                       | 17.20                     | 19.50                  |
| 15              | 64QAM      | 36      | 0         | 17.23                    | 17.40                       | 17.35                     | 19.50                  |
| 15              | 64QAM      | 36      | 20        | 17.28                    | 17.40                       | 17.28                     | 19.50                  |
| 15              | 64QAM      | 36      | 39        | 17.37                    | 17.43                       | 17.42                     | 19.50                  |
| 15              | 64QAM      | 75      | 0         | 17.40                    | 17.53                       | 17.38                     | 19.50                  |
| 15              | 256QAM     | 1       | 0         | 17.31                    | 17.36                       | 17.27                     | 19.50                  |
| 15              | 256QAM     | 1       | 37        | 17.40                    | 17.47                       | 17.47                     | 19.50                  |
| 15              | 256QAM     | 1       | 74        | 17.42                    | 17.53                       | 17.50                     | 19.50                  |
| 15              | 256QAM     | 36      | 0         | 17.39                    | 17.51                       | 17.32                     | 19.50                  |
| 15              | 256QAM     | 36      | 20        | 17.28                    | 17.41                       | 17.38                     | 19.50                  |
| 15              | 256QAM     | 36      | 39        | 17.19                    | 17.33                       | 17.25                     | 19.50                  |
| 15              | 256QAM     | 75      | 0         | 17.35                    | 17.38                       | 17.34                     | 19.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.51                    | 17.57                       | 17.59                     | 19.50                  |
| 10              | QPSK       | 1       | 25        | 17.32                    | 17.48                       | 17.34                     | 19.50                  |
| 10              | QPSK       | 1       | 49        | 17.37                    | 17.52                       | 17.34                     | 19.50                  |
| 10              | QPSK       | 25      | 0         | 17.46                    | 17.45                       | 17.46                     | 19.50                  |
| 10              | QPSK       | 25      | 12        | 17.28                    | 17.25                       | 17.18                     | 19.50                  |
| 10              | QPSK       | 25      | 25        | 17.25                    | 17.49                       | 17.31                     | 19.50                  |
| 10              | QPSK       | 50      | 0         | 17.49                    | 17.55                       | 17.40                     | 19.50                  |
| 10              | 16QAM      | 1       | 0         | 17.23                    | 17.34                       | 17.30                     | 19.50                  |
| 10              | 16QAM      | 1       | 25        | 17.44                    | 17.48                       | 17.48                     | 19.50                  |
| 10              | 16QAM      | 1       | 49        | 17.39                    | 17.44                       | 17.42                     | 19.50                  |
| 10              | 16QAM      | 25      | 0         | 17.34                    | 17.36                       | 17.23                     | 19.50                  |



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|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 16QAM  | 25 | 12 | 17.27  | 17.42  | 17.41  | 19.50         |
| 10              | 16QAM  | 25 | 25 | 17.36  | 17.42  | 17.43  | 19.50         |
| 10              | 16QAM  | 50 | 0  | 17.14  | 17.35  | 17.09  | 19.50         |
| 10              | 64QAM  | 1  | 0  | 17.25  | 17.46  | 17.33  | 19.50         |
| 10              | 64QAM  | 1  | 25 | 17.32  | 17.43  | 17.31  | 19.50         |
| 10              | 64QAM  | 1  | 49 | 17.19  | 17.34  | 17.16  | 19.50         |
| 10              | 64QAM  | 25 | 0  | 17.17  | 17.37  | 17.27  | 19.50         |
| 10              | 64QAM  | 25 | 12 | 17.26  | 17.44  | 17.19  | 19.50         |
| 10              | 64QAM  | 25 | 25 | 17.38  | 17.44  | 17.33  | 19.50         |
| 10              | 64QAM  | 50 | 0  | 17.37  | 17.53  | 17.30  | 19.50         |
| 10              | 256QAM | 1  | 0  | 17.27  | 17.46  | 17.21  | 19.50         |
| 10              | 256QAM | 1  | 25 | 17.44  | 17.45  | 17.45  | 19.50         |
| 10              | 256QAM | 1  | 49 | 17.38  | 17.42  | 17.44  | 19.50         |
| 10              | 256QAM | 25 | 0  | 17.40  | 17.51  | 17.33  | 19.50         |
| 10              | 256QAM | 25 | 12 | 17.32  | 17.53  | 17.29  | 19.50         |
| 10              | 256QAM | 25 | 25 | 17.16  | 17.34  | 17.33  | 19.50         |
| 10              | 256QAM | 50 | 0  | 17.29  | 17.40  | 17.36  | 19.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.59  | 17.64  | 17.52  | 19.50         |
| 5               | QPSK   | 1  | 12 | 17.26  | 17.44  | 17.31  | 19.50         |
| 5               | QPSK   | 1  | 24 | 17.38  | 17.43  | 17.44  | 19.50         |
| 5               | QPSK   | 12 | 0  | 17.40  | 17.51  | 17.49  | 19.50         |
| 5               | QPSK   | 12 | 7  | 17.21  | 17.31  | 17.15  | 19.50         |
| 5               | QPSK   | 12 | 13 | 17.30  | 17.44  | 17.25  | 19.50         |
| 5               | QPSK   | 25 | 0  | 17.40  | 17.49  | 17.44  | 19.50         |
| 5               | 16QAM  | 1  | 0  | 17.21  | 17.35  | 17.31  | 19.50         |
| 5               | 16QAM  | 1  | 12 | 17.39  | 17.52  | 17.51  | 19.50         |
| 5               | 16QAM  | 1  | 24 | 17.31  | 17.42  | 17.38  | 19.50         |
| 5               | 16QAM  | 12 | 0  | 17.30  | 17.43  | 17.31  | 19.50         |
| 5               | 16QAM  | 12 | 7  | 17.31  | 17.35  | 17.39  | 19.50         |
| 5               | 16QAM  | 12 | 13 | 17.26  | 17.53  | 17.44  | 19.50         |
| 5               | 16QAM  | 25 | 0  | 17.25  | 17.39  | 17.18  | 19.50         |
| 5               | 64QAM  | 1  | 0  | 17.19  | 17.50  | 17.24  | 19.50         |
| 5               | 64QAM  | 1  | 12 | 17.34  | 17.40  | 17.28  | 19.50         |
| 5               | 64QAM  | 1  | 24 | 17.16  | 17.33  | 17.13  | 19.50         |
| 5               | 64QAM  | 12 | 0  | 17.24  | 17.36  | 17.31  | 19.50         |
| 5               | 64QAM  | 12 | 7  | 17.19  | 17.40  | 17.24  | 19.50         |
| 5               | 64QAM  | 12 | 13 | 17.37  | 17.48  | 17.34  | 19.50         |
| 5               | 64QAM  | 25 | 0  | 17.42  | 17.43  | 17.27  | 19.50         |
| 5               | 256QAM | 1  | 0  | 17.28  | 17.47  | 17.32  | 19.50         |
| 5               | 256QAM | 1  | 12 | 17.43  | 17.42  | 17.39  | 19.50         |
| 5               | 256QAM | 1  | 24 | 17.35  | 17.45  | 17.45  | 19.50         |
| 5               | 256QAM | 12 | 0  | 17.44  | 17.50  | 17.32  | 19.50         |
| 5               | 256QAM | 12 | 7  | 17.28  | 17.47  | 17.26  | 19.50         |
| 5               | 256QAM | 12 | 13 | 17.21  | 17.42  | 17.20  | 19.50         |
| 5               | 256QAM | 25 | 0  | 17.32  | 17.39  | 17.41  | 19.50         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 17.51  | 17.53  | 17.54  | 19.50         |
| 3               | QPSK   | 1  | 8  | 17.34  | 17.37  | 17.38  | 19.50         |
| 3               | QPSK   | 1  | 14 | 17.36  | 17.53  | 17.45  | 19.50         |
| 3               | QPSK   | 8  | 0  | 17.48  | 17.51  | 17.52  | 19.50         |
| 3               | QPSK   | 8  | 4  | 17.31  | 17.37  | 17.25  | 19.50         |
| 3               | QPSK   | 8  | 7  | 17.22  | 17.42  | 17.26  | 19.50         |
| 3               | QPSK   | 15 | 0  | 17.50  | 17.52  | 17.47  | 19.50         |
| 3               | 16QAM  | 1  | 0  | 17.20  | 17.34  | 17.24  | 19.50         |
| 3               | 16QAM  | 1  | 8  | 17.38  | 17.46  | 17.43  | 19.50         |
| 3               | 16QAM  | 1  | 14 | 17.36  | 17.47  | 17.44  | 19.50         |
| 3               | 16QAM  | 8  | 0  | 17.35  | 17.39  | 17.36  | 19.50         |
| 3               | 16QAM  | 8  | 4  | 17.33  | 17.42  | 17.35  | 19.50         |
| 3               | 16QAM  | 8  | 7  | 17.32  | 17.44  | 17.46  | 19.50         |
| 3               | 16QAM  | 15 | 0  | 17.23  | 17.34  | 17.23  | 19.50         |
| 3               | 64QAM  | 1  | 0  | 17.31  | 17.49  | 17.23  | 19.50         |
| 3               | 64QAM  | 1  | 8  | 17.30  | 17.44  | 17.31  | 19.50         |
| 3               | 64QAM  | 1  | 14 | 17.15  | 17.31  | 17.17  | 19.50         |
| 3               | 64QAM  | 8  | 0  | 17.24  | 17.42  | 17.29  | 19.50         |
| 3               | 64QAM  | 8  | 4  | 17.30  | 17.39  | 17.24  | 19.50         |
| 3               | 64QAM  | 8  | 7  | 17.38  | 17.42  | 17.43  | 19.50         |
| 3               | 64QAM  | 15 | 0  | 17.35  | 17.44  | 17.34  | 19.50         |
| 3               | 256QAM | 1  | 0  | 17.19  | 17.44  | 17.31  | 19.50         |
| 3               | 256QAM | 1  | 8  | 17.40  | 17.45  | 17.39  | 19.50         |
| 3               | 256QAM | 1  | 14 | 17.36  | 17.51  | 17.41  | 19.50         |
| 3               | 256QAM | 8  | 0  | 17.44  | 17.54  | 17.39  | 19.50         |
| 3               | 256QAM | 8  | 4  | 17.22  | 17.50  | 17.34  | 19.50         |
| 3               | 256QAM | 8  | 7  | 17.16  | 17.44  | 17.31  | 19.50         |
| 3               | 256QAM | 15 | 0  | 17.28  | 17.39  | 17.34  | 19.50         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.59  | 17.54  | 17.52  | 19.50 |
| 1.4             | QPSK   | 1 | 3 | 17.32  | 17.37  | 17.41  | 19.50 |
| 1.4             | QPSK   | 1 | 5 | 17.35  | 17.53  | 17.42  | 19.50 |
| 1.4             | QPSK   | 3 | 0 | 17.47  | 17.53  | 17.40  | 19.50 |
| 1.4             | QPSK   | 3 | 1 | 17.18  | 17.36  | 17.24  | 19.50 |
| 1.4             | QPSK   | 3 | 3 | 17.21  | 17.46  | 17.31  | 19.50 |
| 1.4             | QPSK   | 6 | 0 | 17.46  | 17.48  | 17.48  | 19.50 |
| 1.4             | 16QAM  | 1 | 0 | 17.26  | 17.34  | 17.33  | 19.50 |
| 1.4             | 16QAM  | 1 | 3 | 17.38  | 17.45  | 17.43  | 19.50 |
| 1.4             | 16QAM  | 1 | 5 | 17.41  | 17.44  | 17.33  | 19.50 |
| 1.4             | 16QAM  | 3 | 0 | 17.26  | 17.38  | 17.32  | 19.50 |
| 1.4             | 16QAM  | 3 | 1 | 17.23  | 17.41  | 17.41  | 19.50 |
| 1.4             | 16QAM  | 3 | 3 | 17.36  | 17.47  | 17.49  | 19.50 |
| 1.4             | 16QAM  | 6 | 0 | 17.21  | 17.33  | 17.15  | 19.50 |
| 1.4             | 64QAM  | 1 | 0 | 17.27  | 17.47  | 17.29  | 19.50 |
| 1.4             | 64QAM  | 1 | 3 | 17.25  | 17.44  | 17.35  | 19.50 |
| 1.4             | 64QAM  | 1 | 5 | 17.17  | 17.25  | 17.17  | 19.50 |
| 1.4             | 64QAM  | 3 | 0 | 17.16  | 17.36  | 17.32  | 19.50 |
| 1.4             | 64QAM  | 3 | 1 | 17.24  | 17.45  | 17.26  | 19.50 |
| 1.4             | 64QAM  | 3 | 3 | 17.35  | 17.44  | 17.32  | 19.50 |
| 1.4             | 64QAM  | 6 | 0 | 17.35  | 17.42  | 17.30  | 19.50 |
| 1.4             | 256QAM | 1 | 0 | 17.21  | 17.36  | 17.29  | 19.50 |
| 1.4             | 256QAM | 1 | 3 | 17.33  | 17.45  | 17.48  | 19.50 |
| 1.4             | 256QAM | 1 | 5 | 17.46  | 17.47  | 17.42  | 19.50 |
| 1.4             | 256QAM | 3 | 0 | 17.41  | 17.58  | 17.41  | 19.50 |
| 1.4             | 256QAM | 3 | 1 | 17.29  | 17.46  | 17.31  | 19.50 |
| 1.4             | 256QAM | 3 | 3 | 17.14  | 17.34  | 17.23  | 19.50 |
| 1.4             | 256QAM | 6 | 0 | 17.40  | 17.47  | 17.33  | 19.50 |

**【LTE Band 4\_Ant 5\_ECI5】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.33                    | 17.46                       | 17.31                     | 19.00                  |
| 20              | QPSK       | 1       | 49        | 17.32                    | 17.35                       | 17.08                     | 19.00                  |
| 20              | QPSK       | 1       | 99        | 17.25                    | 17.32                       | 17.29                     | 19.00                  |
| 20              | QPSK       | 50      | 0         | 17.30                    | 17.42                       | 17.35                     | 19.00                  |
| 20              | QPSK       | 50      | 24        | 17.09                    | 17.36                       | 17.28                     | 19.00                  |
| 20              | QPSK       | 50      | 50        | 17.27                    | 17.23                       | 17.20                     | 19.00                  |
| 20              | QPSK       | 100     | 0         | 17.03                    | 17.27                       | 17.06                     | 19.00                  |
| 20              | 16QAM      | 1       | 0         | 17.12                    | 17.26                       | 17.12                     | 19.00                  |
| 20              | 16QAM      | 1       | 49        | 17.04                    | 17.34                       | 17.02                     | 19.00                  |
| 20              | 16QAM      | 1       | 99        | 17.18                    | 17.23                       | 17.05                     | 19.00                  |
| 20              | 16QAM      | 50      | 0         | 17.19                    | 17.28                       | 17.13                     | 19.00                  |
| 20              | 16QAM      | 50      | 24        | 17.04                    | 17.30                       | 17.13                     | 19.00                  |
| 20              | 16QAM      | 50      | 50        | 17.11                    | 17.22                       | 16.99                     | 19.00                  |
| 20              | 16QAM      | 100     | 0         | 16.92                    | 17.21                       | 17.01                     | 19.00                  |
| 20              | 64QAM      | 1       | 0         | 17.06                    | 17.24                       | 16.94                     | 19.00                  |
| 20              | 64QAM      | 1       | 49        | 17.00                    | 17.17                       | 16.92                     | 19.00                  |
| 20              | 64QAM      | 1       | 99        | 17.23                    | 17.31                       | 17.12                     | 19.00                  |
| 20              | 64QAM      | 50      | 0         | 17.16                    | 17.26                       | 17.03                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.15                    | 17.33                       | 17.10                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.14                    | 17.28                       | 17.06                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 16.95                    | 17.20                       | 16.99                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 17.11                    | 17.14                       | 16.95                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.09                    | 17.24                       | 17.02                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.15                    | 17.19                       | 17.06                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.22                    | 17.36                       | 17.12                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.15                    | 17.21                       | 17.15                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.12                    | 17.31                       | 17.16                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.10                    | 17.13                       | 17.14                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.19                    | 17.40                       | 17.24                     | 19.00                  |
| 15              | QPSK       | 1       | 37        | 17.21                    | 17.27                       | 16.96                     | 19.00                  |
| 15              | QPSK       | 1       | 74        | 17.14                    | 17.19                       | 17.26                     | 19.00                  |
| 15              | QPSK       | 36      | 0         | 17.27                    | 17.38                       | 17.31                     | 19.00                  |
| 15              | QPSK       | 36      | 20        | 17.05                    | 17.27                       | 17.20                     | 19.00                  |
| 15              | QPSK       | 36      | 39        | 17.26                    | 17.21                       | 17.17                     | 19.00                  |
| 15              | QPSK       | 75      | 0         | 16.95                    | 17.15                       | 17.03                     | 19.00                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 17.08  | 17.15  | 17.07  | 19.00         |
| 15              | 16QAM  | 1  | 37 | 16.96  | 17.21  | 17.01  | 19.00         |
| 15              | 16QAM  | 1  | 74 | 17.14  | 17.18  | 16.96  | 19.00         |
| 15              | 16QAM  | 36 | 0  | 17.10  | 17.21  | 17.00  | 19.00         |
| 15              | 16QAM  | 36 | 20 | 16.98  | 17.25  | 17.03  | 19.00         |
| 15              | 16QAM  | 36 | 39 | 17.00  | 17.17  | 16.97  | 19.00         |
| 15              | 16QAM  | 75 | 0  | 16.81  | 17.19  | 16.89  | 19.00         |
| 15              | 64QAM  | 1  | 0  | 16.99  | 17.19  | 16.80  | 19.00         |
| 15              | 64QAM  | 1  | 37 | 16.93  | 17.14  | 16.90  | 19.00         |
| 15              | 64QAM  | 1  | 74 | 17.19  | 17.17  | 17.04  | 19.00         |
| 15              | 64QAM  | 36 | 0  | 17.02  | 17.19  | 16.92  | 19.00         |
| 15              | 64QAM  | 36 | 20 | 17.09  | 17.20  | 17.05  | 19.00         |
| 15              | 64QAM  | 36 | 39 | 17.12  | 17.22  | 17.00  | 19.00         |
| 15              | 64QAM  | 75 | 0  | 16.81  | 17.15  | 16.85  | 19.00         |
| 15              | 256QAM | 1  | 0  | 17.03  | 17.02  | 16.90  | 19.00         |
| 15              | 256QAM | 1  | 37 | 16.98  | 17.22  | 16.97  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.04  | 17.09  | 16.91  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.19  | 17.29  | 16.99  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.01  | 17.17  | 17.00  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.06  | 17.27  | 17.04  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.05  | 17.02  | 16.99  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.29  | 17.34  | 17.23  | 19.00         |
| 10              | QPSK   | 1  | 25 | 17.23  | 17.31  | 17.04  | 19.00         |
| 10              | QPSK   | 1  | 49 | 17.14  | 17.23  | 17.16  | 19.00         |
| 10              | QPSK   | 25 | 0  | 17.24  | 17.32  | 17.25  | 19.00         |
| 10              | QPSK   | 25 | 12 | 17.01  | 17.23  | 17.20  | 19.00         |
| 10              | QPSK   | 25 | 25 | 17.14  | 17.14  | 17.09  | 19.00         |
| 10              | QPSK   | 50 | 0  | 16.95  | 17.22  | 16.94  | 19.00         |
| 10              | 16QAM  | 1  | 0  | 17.11  | 17.18  | 17.10  | 19.00         |
| 10              | 16QAM  | 1  | 25 | 16.99  | 17.30  | 16.90  | 19.00         |
| 10              | 16QAM  | 1  | 49 | 17.16  | 17.09  | 16.94  | 19.00         |
| 10              | 16QAM  | 25 | 0  | 17.16  | 17.24  | 17.01  | 19.00         |
| 10              | 16QAM  | 25 | 12 | 17.03  | 17.24  | 17.02  | 19.00         |
| 10              | 16QAM  | 25 | 25 | 17.05  | 17.18  | 16.97  | 19.00         |
| 10              | 16QAM  | 50 | 0  | 16.90  | 17.16  | 16.96  | 19.00         |
| 10              | 64QAM  | 1  | 0  | 16.91  | 17.23  | 16.93  | 19.00         |
| 10              | 64QAM  | 1  | 25 | 16.88  | 17.11  | 16.80  | 19.00         |
| 10              | 64QAM  | 1  | 49 | 17.20  | 17.21  | 16.99  | 19.00         |
| 10              | 64QAM  | 25 | 0  | 17.04  | 17.12  | 16.90  | 19.00         |
| 10              | 64QAM  | 25 | 12 | 17.01  | 17.26  | 16.95  | 19.00         |
| 10              | 64QAM  | 25 | 25 | 17.06  | 17.19  | 16.99  | 19.00         |
| 10              | 64QAM  | 50 | 0  | 16.93  | 17.09  | 16.89  | 19.00         |
| 10              | 256QAM | 1  | 0  | 17.07  | 17.01  | 16.87  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.05  | 17.11  | 16.96  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.01  | 17.13  | 17.02  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.07  | 17.25  | 16.98  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.13  | 17.12  | 17.08  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.10  | 17.27  | 17.14  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.07  | 17.10  | 17.10  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.26  | 17.45  | 17.30  | 19.00         |
| 5               | QPSK   | 1  | 12 | 17.30  | 17.33  | 16.94  | 19.00         |
| 5               | QPSK   | 1  | 24 | 17.21  | 17.18  | 17.15  | 19.00         |
| 5               | QPSK   | 12 | 0  | 17.29  | 17.37  | 17.31  | 19.00         |
| 5               | QPSK   | 12 | 7  | 16.99  | 17.26  | 17.16  | 19.00         |
| 5               | QPSK   | 12 | 13 | 17.26  | 17.22  | 17.08  | 19.00         |
| 5               | QPSK   | 25 | 0  | 16.97  | 17.13  | 16.91  | 19.00         |
| 5               | 16QAM  | 1  | 0  | 17.07  | 17.14  | 16.98  | 19.00         |
| 5               | 16QAM  | 1  | 12 | 16.97  | 17.23  | 16.97  | 19.00         |
| 5               | 16QAM  | 1  | 24 | 17.03  | 17.11  | 16.99  | 19.00         |
| 5               | 16QAM  | 12 | 0  | 17.17  | 17.26  | 17.06  | 19.00         |
| 5               | 16QAM  | 12 | 7  | 16.91  | 17.17  | 17.02  | 19.00         |
| 5               | 16QAM  | 12 | 13 | 17.07  | 17.20  | 16.98  | 19.00         |
| 5               | 16QAM  | 25 | 0  | 16.89  | 17.08  | 16.93  | 19.00         |
| 5               | 64QAM  | 1  | 0  | 16.93  | 17.17  | 16.91  | 19.00         |
| 5               | 64QAM  | 1  | 12 | 16.97  | 17.08  | 16.86  | 19.00         |
| 5               | 64QAM  | 1  | 24 | 17.15  | 17.29  | 16.98  | 19.00         |
| 5               | 64QAM  | 12 | 0  | 17.09  | 17.13  | 16.89  | 19.00         |
| 5               | 64QAM  | 12 | 7  | 17.09  | 17.20  | 16.97  | 19.00         |
| 5               | 64QAM  | 12 | 13 | 17.00  | 17.15  | 17.01  | 19.00         |
| 5               | 64QAM  | 25 | 0  | 16.91  | 17.06  | 16.98  | 19.00         |
| 5               | 256QAM | 1  | 0  | 17.07  | 17.10  | 16.85  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.03  | 17.18  | 16.94  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.10  | 17.06  | 16.93  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.19  | 17.28  | 17.05  | 19.00         |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 17.11  | 17.08  | 17.04  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.01  | 17.21  | 17.06  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.02  | 17.02  | 17.04  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.26  | 17.36  | 17.25  | 19.00                  |
| 3               | QPSK   | 1  | 8  | 17.29  | 17.23  | 17.00  | 19.00                  |
| 3               | QPSK   | 1  | 14 | 17.14  | 17.26  | 17.20  | 19.00                  |
| 3               | QPSK   | 8  | 0  | 17.23  | 17.28  | 17.25  | 19.00                  |
| 3               | QPSK   | 8  | 4  | 16.95  | 17.32  | 17.23  | 19.00                  |
| 3               | QPSK   | 8  | 7  | 17.19  | 17.22  | 17.12  | 19.00                  |
| 3               | QPSK   | 15 | 0  | 16.91  | 17.13  | 16.98  | 19.00                  |
| 3               | 16QAM  | 1  | 0  | 16.98  | 17.22  | 17.07  | 19.00                  |
| 3               | 16QAM  | 1  | 8  | 16.94  | 17.26  | 17.00  | 19.00                  |
| 3               | 16QAM  | 1  | 14 | 17.15  | 17.18  | 17.02  | 19.00                  |
| 3               | 16QAM  | 8  | 0  | 17.17  | 17.25  | 17.05  | 19.00                  |
| 3               | 16QAM  | 8  | 4  | 17.03  | 17.15  | 17.00  | 19.00                  |
| 3               | 16QAM  | 8  | 7  | 17.08  | 17.08  | 16.93  | 19.00                  |
| 3               | 16QAM  | 15 | 0  | 16.91  | 17.08  | 16.87  | 19.00                  |
| 3               | 64QAM  | 1  | 0  | 16.97  | 17.17  | 16.91  | 19.00                  |
| 3               | 64QAM  | 1  | 8  | 16.89  | 17.16  | 16.89  | 19.00                  |
| 3               | 64QAM  | 1  | 14 | 17.11  | 17.26  | 17.01  | 19.00                  |
| 3               | 64QAM  | 8  | 0  | 17.07  | 17.11  | 16.96  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 17.12  | 17.30  | 16.95  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 17.13  | 17.21  | 17.03  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 16.88  | 17.11  | 16.88  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 16.98  | 17.08  | 16.83  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.01  | 17.20  | 16.96  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.12  | 17.05  | 17.03  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.16  | 17.34  | 17.05  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.09  | 17.14  | 17.11  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.06  | 17.25  | 17.04  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.03  | 17.12  | 17.03  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.31  | 17.32  | 17.18  | 19.00                  |
| 1.4             | QPSK   | 1  | 3  | 17.26  | 17.24  | 17.05  | 19.00                  |
| 1.4             | QPSK   | 1  | 5  | 17.13  | 17.23  | 17.22  | 19.00                  |
| 1.4             | QPSK   | 3  | 0  | 17.24  | 17.34  | 17.30  | 19.00                  |
| 1.4             | QPSK   | 3  | 1  | 17.06  | 17.24  | 17.14  | 19.00                  |
| 1.4             | QPSK   | 3  | 3  | 17.26  | 17.14  | 17.06  | 19.00                  |
| 1.4             | QPSK   | 6  | 0  | 16.89  | 17.21  | 17.02  | 19.00                  |
| 1.4             | 16QAM  | 1  | 0  | 17.03  | 17.15  | 17.01  | 19.00                  |
| 1.4             | 16QAM  | 1  | 3  | 16.90  | 17.29  | 16.89  | 19.00                  |
| 1.4             | 16QAM  | 1  | 5  | 17.14  | 17.09  | 16.98  | 19.00                  |
| 1.4             | 16QAM  | 3  | 0  | 17.09  | 17.17  | 17.04  | 19.00                  |
| 1.4             | 16QAM  | 3  | 1  | 16.95  | 17.28  | 17.06  | 19.00                  |
| 1.4             | 16QAM  | 3  | 3  | 17.07  | 17.14  | 16.92  | 19.00                  |
| 1.4             | 16QAM  | 6  | 0  | 16.89  | 17.19  | 16.89  | 19.00                  |
| 1.4             | 64QAM  | 1  | 0  | 17.05  | 17.10  | 16.82  | 19.00                  |
| 1.4             | 64QAM  | 1  | 3  | 16.85  | 17.05  | 16.81  | 19.00                  |
| 1.4             | 64QAM  | 1  | 5  | 17.08  | 17.22  | 17.01  | 19.00                  |
| 1.4             | 64QAM  | 3  | 0  | 17.04  | 17.20  | 16.98  | 19.00                  |
| 1.4             | 64QAM  | 3  | 1  | 17.07  | 17.26  | 17.08  | 19.00                  |
| 1.4             | 64QAM  | 3  | 3  | 17.12  | 17.19  | 17.03  | 19.00                  |
| 1.4             | 64QAM  | 6  | 0  | 16.84  | 17.14  | 16.87  | 19.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.01  | 17.02  | 16.83  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.06  | 17.23  | 16.99  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.08  | 17.08  | 17.05  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.10  | 17.23  | 17.05  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.02  | 17.09  | 17.11  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.09  | 17.20  | 17.07  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 16.95  | 17.00  | 17.01  | 19.00                  |

**【LTE Band 4\_Ant 5\_ECI5-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.42                    | 17.49                       | 17.45                     | 19.00                  |
| 20              | QPSK       | 1       | 49        | 17.12                    | 17.31                       | 17.20                     | 19.00                  |
| 20              | QPSK       | 1       | 99        | 17.14                    | 17.32                       | 17.14                     | 19.00                  |
| 20              | QPSK       | 50      | 0         | 17.33                    | 17.38                       | 17.31                     | 19.00                  |
| 20              | QPSK       | 50      | 24        | 17.11                    | 17.22                       | 17.05                     | 19.00                  |
| 20              | QPSK       | 50      | 50        | 17.14                    | 17.32                       | 17.14                     | 19.00                  |
| 20              | QPSK       | 100     | 0         | 17.17                    | 17.37                       | 17.31                     | 19.00                  |
| 20              | 16QAM      | 1       | 0         | 17.20                    | 17.32                       | 17.27                     | 19.00                  |
| 20              | 16QAM      | 1       | 49        | 17.18                    | 17.38                       | 17.21                     | 19.00                  |
| 20              | 16QAM      | 1       | 99        | 17.21                    | 17.30                       | 17.18                     | 19.00                  |
| 20              | 16QAM      | 50      | 0         | 17.13                    | 17.28                       | 17.22                     | 19.00                  |
| 20              | 16QAM      | 50      | 24        | 17.15                    | 17.36                       | 17.21                     | 19.00                  |
| 20              | 16QAM      | 50      | 50        | 17.11                    | 17.22                       | 17.06                     | 19.00                  |
| 20              | 16QAM      | 100     | 0         | 17.16                    | 17.37                       | 17.25                     | 19.00                  |
| 20              | 64QAM      | 1       | 0         | 17.12                    | 17.28                       | 17.16                     | 19.00                  |
| 20              | 64QAM      | 1       | 49        | 17.17                    | 17.36                       | 17.20                     | 19.00                  |
| 20              | 64QAM      | 1       | 99        | 17.19                    | 17.31                       | 17.21                     | 19.00                  |
| 20              | 64QAM      | 50      | 0         | 17.24                    | 17.37                       | 17.20                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.24                    | 17.38                       | 17.20                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.14                    | 17.30                       | 17.24                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 17.11                    | 17.31                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 17.13                    | 17.34                       | 17.18                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.07                    | 17.28                       | 17.17                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.13                    | 17.23                       | 17.11                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.28                    | 17.49                       | 17.34                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.16                    | 17.31                       | 17.23                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.20                    | 17.32                       | 17.26                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.19                    | 17.38                       | 17.32                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.41                    | 17.45                       | 17.34                     | 19.00                  |
| 15              | QPSK       | 1       | 37        | 17.05                    | 17.28                       | 17.16                     | 19.00                  |
| 15              | QPSK       | 1       | 74        | 17.10                    | 17.21                       | 17.02                     | 19.00                  |
| 15              | QPSK       | 36      | 0         | 17.29                    | 17.23                       | 17.18                     | 19.00                  |
| 15              | QPSK       | 36      | 20        | 17.02                    | 17.08                       | 16.99                     | 19.00                  |
| 15              | QPSK       | 36      | 39        | 17.01                    | 17.22                       | 17.01                     | 19.00                  |
| 15              | QPSK       | 75      | 0         | 17.11                    | 17.29                       | 17.18                     | 19.00                  |
| 15              | 16QAM      | 1       | 0         | 17.17                    | 17.30                       | 17.21                     | 19.00                  |
| 15              | 16QAM      | 1       | 37        | 17.15                    | 17.36                       | 17.15                     | 19.00                  |
| 15              | 16QAM      | 1       | 74        | 17.12                    | 17.17                       | 17.15                     | 19.00                  |
| 15              | 16QAM      | 36      | 0         | 17.06                    | 17.16                       | 17.10                     | 19.00                  |
| 15              | 16QAM      | 36      | 20        | 17.08                    | 17.25                       | 17.14                     | 19.00                  |
| 15              | 16QAM      | 36      | 39        | 16.96                    | 17.11                       | 16.98                     | 19.00                  |
| 15              | 16QAM      | 75      | 0         | 17.11                    | 17.34                       | 17.14                     | 19.00                  |
| 15              | 64QAM      | 1       | 0         | 17.08                    | 17.24                       | 17.12                     | 19.00                  |
| 15              | 64QAM      | 1       | 37        | 17.09                    | 17.30                       | 17.07                     | 19.00                  |
| 15              | 64QAM      | 1       | 74        | 17.15                    | 17.26                       | 17.07                     | 19.00                  |
| 15              | 64QAM      | 36      | 0         | 17.09                    | 17.25                       | 17.14                     | 19.00                  |
| 15              | 64QAM      | 36      | 20        | 17.12                    | 17.31                       | 17.10                     | 19.00                  |
| 15              | 64QAM      | 36      | 39        | 17.09                    | 17.25                       | 17.18                     | 19.00                  |
| 15              | 64QAM      | 75      | 0         | 17.01                    | 17.24                       | 17.22                     | 19.00                  |
| 15              | 256QAM     | 1       | 0         | 17.01                    | 17.31                       | 17.10                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 16.98                    | 17.26                       | 17.02                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.07                    | 17.21                       | 17.05                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.19                    | 17.46                       | 17.31                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.11                    | 17.16                       | 17.18                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.12                    | 17.28                       | 17.14                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.13                    | 17.33                       | 17.22                     | 19.00                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 17.28                    | 17.35                       | 17.36                     | 19.00                  |
| 10              | QPSK       | 1       | 25        | 17.10                    | 17.26                       | 17.15                     | 19.00                  |
| 10              | QPSK       | 1       | 49        | 17.00                    | 17.20                       | 17.05                     | 19.00                  |
| 10              | QPSK       | 25      | 0         | 17.22                    | 17.29                       | 17.19                     | 19.00                  |
| 10              | QPSK       | 25      | 12        | 17.07                    | 17.10                       | 17.03                     | 19.00                  |
| 10              | QPSK       | 25      | 25        | 17.11                    | 17.26                       | 17.00                     | 19.00                  |
| 10              | QPSK       | 50      | 0         | 17.03                    | 17.34                       | 17.25                     | 19.00                  |
| 10              | 16QAM      | 1       | 0         | 17.10                    | 17.31                       | 17.15                     | 19.00                  |
| 10              | 16QAM      | 1       | 25        | 17.09                    | 17.31                       | 17.19                     | 19.00                  |
| 10              | 16QAM      | 1       | 49        | 17.06                    | 17.16                       | 17.07                     | 19.00                  |
| 10              | 16QAM      | 25      | 0         | 16.99                    | 17.14                       | 17.20                     | 19.00                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 25 | 12 | 17.08  | 17.34  | 17.17  | 19.00                  |
| 10              | 16QAM  | 25 | 25 | 16.98  | 17.21  | 16.99  | 19.00                  |
| 10              | 16QAM  | 50 | 0  | 17.06  | 17.36  | 17.19  | 19.00                  |
| 10              | 64QAM  | 1  | 0  | 16.98  | 17.14  | 17.09  | 19.00                  |
| 10              | 64QAM  | 1  | 25 | 17.07  | 17.33  | 17.19  | 19.00                  |
| 10              | 64QAM  | 1  | 49 | 17.10  | 17.25  | 17.07  | 19.00                  |
| 10              | 64QAM  | 25 | 0  | 17.18  | 17.28  | 17.09  | 19.00                  |
| 10              | 64QAM  | 25 | 12 | 17.18  | 17.36  | 17.09  | 19.00                  |
| 10              | 64QAM  | 25 | 25 | 17.10  | 17.28  | 17.11  | 19.00                  |
| 10              | 64QAM  | 50 | 0  | 17.03  | 17.30  | 17.17  | 19.00                  |
| 10              | 256QAM | 1  | 0  | 16.99  | 17.24  | 17.13  | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.05  | 17.24  | 17.03  | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.10  | 17.14  | 17.05  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.24  | 17.39  | 17.26  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.02  | 17.16  | 17.19  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.07  | 17.18  | 17.17  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.09  | 17.36  | 17.19  | 19.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.33  | 17.38  | 17.39  | 19.00                  |
| 5               | QPSK   | 1  | 12 | 17.00  | 17.18  | 17.14  | 19.00                  |
| 5               | QPSK   | 1  | 24 | 17.08  | 17.29  | 17.09  | 19.00                  |
| 5               | QPSK   | 12 | 0  | 17.22  | 17.24  | 17.19  | 19.00                  |
| 5               | QPSK   | 12 | 7  | 16.98  | 17.11  | 17.00  | 19.00                  |
| 5               | QPSK   | 12 | 13 | 17.03  | 17.26  | 17.09  | 19.00                  |
| 5               | QPSK   | 25 | 0  | 17.13  | 17.29  | 17.17  | 19.00                  |
| 5               | 16QAM  | 1  | 0  | 17.08  | 17.31  | 17.23  | 19.00                  |
| 5               | 16QAM  | 1  | 12 | 17.12  | 17.31  | 17.11  | 19.00                  |
| 5               | 16QAM  | 1  | 24 | 17.08  | 17.22  | 17.15  | 19.00                  |
| 5               | 16QAM  | 12 | 0  | 17.03  | 17.24  | 17.07  | 19.00                  |
| 5               | 16QAM  | 12 | 7  | 17.13  | 17.33  | 17.12  | 19.00                  |
| 5               | 16QAM  | 12 | 13 | 16.97  | 17.17  | 17.02  | 19.00                  |
| 5               | 16QAM  | 25 | 0  | 17.07  | 17.35  | 17.17  | 19.00                  |
| 5               | 64QAM  | 1  | 0  | 17.08  | 17.19  | 17.02  | 19.00                  |
| 5               | 64QAM  | 1  | 12 | 17.09  | 17.30  | 17.05  | 19.00                  |
| 5               | 64QAM  | 1  | 24 | 17.06  | 17.27  | 17.14  | 19.00                  |
| 5               | 64QAM  | 12 | 0  | 17.22  | 17.35  | 17.16  | 19.00                  |
| 5               | 64QAM  | 12 | 7  | 17.17  | 17.24  | 17.16  | 19.00                  |
| 5               | 64QAM  | 12 | 13 | 17.00  | 17.16  | 17.17  | 19.00                  |
| 5               | 64QAM  | 25 | 0  | 17.04  | 17.18  | 17.14  | 19.00                  |
| 5               | 256QAM | 1  | 0  | 16.99  | 17.20  | 17.03  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.00  | 17.26  | 17.03  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.10  | 17.15  | 17.08  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.24  | 17.46  | 17.27  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.07  | 17.17  | 17.17  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.10  | 17.23  | 17.25  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.08  | 17.32  | 17.23  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.36  | 17.45  | 17.36  | 19.00                  |
| 3               | QPSK   | 1  | 8  | 17.04  | 17.17  | 17.07  | 19.00                  |
| 3               | QPSK   | 1  | 14 | 17.01  | 17.26  | 17.08  | 19.00                  |
| 3               | QPSK   | 8  | 0  | 17.29  | 17.26  | 17.16  | 19.00                  |
| 3               | QPSK   | 8  | 4  | 17.09  | 17.19  | 16.99  | 19.00                  |
| 3               | QPSK   | 8  | 7  | 17.04  | 17.26  | 17.04  | 19.00                  |
| 3               | QPSK   | 15 | 0  | 17.11  | 17.36  | 17.16  | 19.00                  |
| 3               | 16QAM  | 1  | 0  | 17.16  | 17.24  | 17.18  | 19.00                  |
| 3               | 16QAM  | 1  | 8  | 17.05  | 17.28  | 17.08  | 19.00                  |
| 3               | 16QAM  | 1  | 14 | 17.11  | 17.17  | 17.05  | 19.00                  |
| 3               | 16QAM  | 8  | 0  | 17.06  | 17.18  | 17.12  | 19.00                  |
| 3               | 16QAM  | 8  | 4  | 17.04  | 17.25  | 17.10  | 19.00                  |
| 3               | 16QAM  | 8  | 7  | 16.97  | 17.20  | 17.05  | 19.00                  |
| 3               | 16QAM  | 15 | 0  | 17.07  | 17.30  | 17.21  | 19.00                  |
| 3               | 64QAM  | 1  | 0  | 17.03  | 17.16  | 17.10  | 19.00                  |
| 3               | 64QAM  | 1  | 8  | 17.02  | 17.22  | 17.17  | 19.00                  |
| 3               | 64QAM  | 1  | 14 | 17.15  | 17.29  | 17.07  | 19.00                  |
| 3               | 64QAM  | 8  | 0  | 17.19  | 17.25  | 17.15  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 17.21  | 17.26  | 17.06  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 17.00  | 17.20  | 17.18  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 17.00  | 17.22  | 17.21  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 17.05  | 17.32  | 17.09  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 16.95  | 17.23  | 17.07  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.04  | 17.15  | 17.00  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.22  | 17.36  | 17.24  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.07  | 17.26  | 17.17  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.18  | 17.22  | 17.17  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.05  | 17.33  | 17.19  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit          |



| Frequency (MHz) |        |   |   | 1710.7 | 1732.5 | 1754.3 | (dBm) |
|-----------------|--------|---|---|--------|--------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 17.29  | 17.42  | 17.44  | 19.00 |
| 1.4             | QPSK   | 1 | 3 | 17.11  | 17.21  | 17.16  | 19.00 |
| 1.4             | QPSK   | 1 | 5 | 17.04  | 17.28  | 17.07  | 19.00 |
| 1.4             | QPSK   | 3 | 0 | 17.26  | 17.30  | 17.20  | 19.00 |
| 1.4             | QPSK   | 3 | 1 | 17.09  | 17.11  | 17.00  | 19.00 |
| 1.4             | QPSK   | 3 | 3 | 17.02  | 17.29  | 17.09  | 19.00 |
| 1.4             | QPSK   | 6 | 0 | 17.14  | 17.29  | 17.24  | 19.00 |
| 1.4             | 16QAM  | 1 | 0 | 17.18  | 17.29  | 17.21  | 19.00 |
| 1.4             | 16QAM  | 1 | 3 | 17.14  | 17.28  | 17.17  | 19.00 |
| 1.4             | 16QAM  | 1 | 5 | 17.19  | 17.26  | 17.11  | 19.00 |
| 1.4             | 16QAM  | 3 | 0 | 17.02  | 17.14  | 17.08  | 19.00 |
| 1.4             | 16QAM  | 3 | 1 | 17.03  | 17.32  | 17.08  | 19.00 |
| 1.4             | 16QAM  | 3 | 3 | 17.00  | 17.09  | 16.93  | 19.00 |
| 1.4             | 16QAM  | 6 | 0 | 17.08  | 17.28  | 17.12  | 19.00 |
| 1.4             | 64QAM  | 1 | 0 | 17.01  | 17.21  | 17.10  | 19.00 |
| 1.4             | 64QAM  | 1 | 3 | 17.13  | 17.35  | 17.09  | 19.00 |
| 1.4             | 64QAM  | 1 | 5 | 17.08  | 17.18  | 17.20  | 19.00 |
| 1.4             | 64QAM  | 3 | 0 | 17.16  | 17.30  | 17.07  | 19.00 |
| 1.4             | 64QAM  | 3 | 1 | 17.16  | 17.36  | 17.18  | 19.00 |
| 1.4             | 64QAM  | 3 | 3 | 17.12  | 17.24  | 17.23  | 19.00 |
| 1.4             | 64QAM  | 6 | 0 | 17.02  | 17.23  | 17.15  | 19.00 |
| 1.4             | 256QAM | 1 | 0 | 17.04  | 17.27  | 17.11  | 19.00 |
| 1.4             | 256QAM | 1 | 3 | 17.04  | 17.19  | 17.10  | 19.00 |
| 1.4             | 256QAM | 1 | 5 | 17.11  | 17.17  | 16.99  | 19.00 |
| 1.4             | 256QAM | 3 | 0 | 17.27  | 17.48  | 17.23  | 19.00 |
| 1.4             | 256QAM | 3 | 1 | 17.08  | 17.29  | 17.15  | 19.00 |
| 1.4             | 256QAM | 3 | 3 | 17.14  | 17.22  | 17.20  | 19.00 |
| 1.4             | 256QAM | 6 | 0 | 17.16  | 17.26  | 17.17  | 19.00 |

**【LTE Band 4\_Ant 5\_ECI5-2】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.19                    | 17.23                       | 17.16                     | 19.00                  |
| 20              | QPSK       | 1       | 49        | 16.99                    | 17.12                       | 16.92                     | 19.00                  |
| 20              | QPSK       | 1       | 99        | 17.01                    | 17.09                       | 16.88                     | 19.00                  |
| 20              | QPSK       | 50      | 0         | 17.09                    | 17.13                       | 17.06                     | 19.00                  |
| 20              | QPSK       | 50      | 24        | 16.94                    | 17.08                       | 16.88                     | 19.00                  |
| 20              | QPSK       | 50      | 50        | 17.00                    | 17.10                       | 16.93                     | 19.00                  |
| 20              | QPSK       | 100     | 0         | 16.96                    | 17.11                       | 16.90                     | 19.00                  |
| 20              | 16QAM      | 1       | 0         | 16.95                    | 17.05                       | 16.90                     | 19.00                  |
| 20              | 16QAM      | 1       | 49        | 16.98                    | 17.11                       | 16.93                     | 19.00                  |
| 20              | 16QAM      | 1       | 99        | 16.96                    | 17.05                       | 16.94                     | 19.00                  |
| 20              | 16QAM      | 50      | 0         | 16.90                    | 17.06                       | 16.91                     | 19.00                  |
| 20              | 16QAM      | 50      | 24        | 16.99                    | 17.16                       | 16.97                     | 19.00                  |
| 20              | 16QAM      | 50      | 50        | 16.92                    | 17.03                       | 16.83                     | 19.00                  |
| 20              | 16QAM      | 100     | 0         | 17.02                    | 17.14                       | 16.95                     | 19.00                  |
| 20              | 64QAM      | 1       | 0         | 17.03                    | 17.14                       | 17.04                     | 19.00                  |
| 20              | 64QAM      | 1       | 49        | 17.09                    | 17.14                       | 16.92                     | 19.00                  |
| 20              | 64QAM      | 1       | 99        | 17.00                    | 17.07                       | 16.95                     | 19.00                  |
| 20              | 64QAM      | 50      | 0         | 17.09                    | 17.16                       | 16.98                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.08                    | 17.15                       | 17.02                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.02                    | 17.15                       | 17.00                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 16.92                    | 17.06                       | 16.86                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 16.99                    | 17.07                       | 16.99                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.05                    | 17.17                       | 17.00                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 16.94                    | 17.07                       | 16.94                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 16.99                    | 17.12                       | 16.94                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 16.98                    | 17.09                       | 16.88                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.02                    | 17.12                       | 16.97                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 16.96                    | 17.08                       | 16.91                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.11                    | 17.18                       | 17.10                     | 19.00                  |
| 15              | QPSK       | 1       | 37        | 16.92                    | 17.10                       | 16.86                     | 19.00                  |
| 15              | QPSK       | 1       | 74        | 16.91                    | 17.04                       | 16.84                     | 19.00                  |
| 15              | QPSK       | 36      | 0         | 17.02                    | 17.09                       | 17.03                     | 19.00                  |
| 15              | QPSK       | 36      | 20        | 16.92                    | 17.06                       | 16.80                     | 19.00                  |
| 15              | QPSK       | 36      | 39        | 16.94                    | 17.03                       | 16.91                     | 19.00                  |
| 15              | QPSK       | 75      | 0         | 16.87                    | 17.06                       | 16.86                     | 19.00                  |



|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 16.94  | 16.97  | 16.79  | 19.00         |
| 15              | 16QAM  | 1  | 37 | 16.90  | 17.05  | 16.92  | 19.00         |
| 15              | 16QAM  | 1  | 74 | 16.86  | 17.00  | 16.79  | 19.00         |
| 15              | 16QAM  | 36 | 0  | 16.80  | 16.99  | 16.89  | 19.00         |
| 15              | 16QAM  | 36 | 20 | 16.94  | 17.10  | 16.87  | 19.00         |
| 15              | 16QAM  | 36 | 39 | 16.82  | 16.88  | 16.72  | 19.00         |
| 15              | 16QAM  | 75 | 0  | 16.96  | 17.07  | 16.83  | 19.00         |
| 15              | 64QAM  | 1  | 0  | 16.93  | 16.99  | 16.97  | 19.00         |
| 15              | 64QAM  | 1  | 37 | 17.02  | 17.09  | 16.86  | 19.00         |
| 15              | 64QAM  | 1  | 74 | 16.93  | 16.97  | 16.85  | 19.00         |
| 15              | 64QAM  | 36 | 0  | 16.96  | 17.14  | 16.83  | 19.00         |
| 15              | 64QAM  | 36 | 20 | 17.02  | 17.04  | 17.01  | 19.00         |
| 15              | 64QAM  | 36 | 39 | 16.98  | 17.11  | 16.95  | 19.00         |
| 15              | 64QAM  | 75 | 0  | 16.77  | 17.05  | 16.80  | 19.00         |
| 15              | 256QAM | 1  | 0  | 16.88  | 16.95  | 16.94  | 19.00         |
| 15              | 256QAM | 1  | 37 | 16.99  | 17.11  | 16.86  | 19.00         |
| 15              | 256QAM | 1  | 74 | 16.83  | 17.01  | 16.91  | 19.00         |
| 15              | 256QAM | 36 | 0  | 16.93  | 17.00  | 16.82  | 19.00         |
| 15              | 256QAM | 36 | 20 | 16.88  | 17.00  | 16.86  | 19.00         |
| 15              | 256QAM | 36 | 39 | 16.87  | 16.98  | 16.89  | 19.00         |
| 15              | 256QAM | 75 | 0  | 16.88  | 16.95  | 16.79  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.06  | 17.18  | 17.04  | 19.00         |
| 10              | QPSK   | 1  | 25 | 16.89  | 16.97  | 16.86  | 19.00         |
| 10              | QPSK   | 1  | 49 | 16.99  | 16.99  | 16.76  | 19.00         |
| 10              | QPSK   | 25 | 0  | 17.02  | 16.98  | 16.93  | 19.00         |
| 10              | QPSK   | 25 | 12 | 16.81  | 16.98  | 16.78  | 19.00         |
| 10              | QPSK   | 25 | 25 | 16.99  | 17.06  | 16.91  | 19.00         |
| 10              | QPSK   | 50 | 0  | 16.94  | 16.98  | 16.81  | 19.00         |
| 10              | 16QAM  | 1  | 0  | 16.87  | 16.95  | 16.85  | 19.00         |
| 10              | 16QAM  | 1  | 25 | 16.94  | 17.09  | 16.82  | 19.00         |
| 10              | 16QAM  | 1  | 49 | 16.84  | 16.96  | 16.83  | 19.00         |
| 10              | 16QAM  | 25 | 0  | 16.78  | 17.01  | 16.82  | 19.00         |
| 10              | 16QAM  | 25 | 12 | 16.90  | 17.12  | 16.87  | 19.00         |
| 10              | 16QAM  | 25 | 25 | 16.81  | 17.00  | 16.77  | 19.00         |
| 10              | 16QAM  | 50 | 0  | 16.91  | 16.99  | 16.82  | 19.00         |
| 10              | 64QAM  | 1  | 0  | 16.98  | 17.06  | 16.98  | 19.00         |
| 10              | 64QAM  | 1  | 25 | 16.96  | 17.05  | 16.81  | 19.00         |
| 10              | 64QAM  | 1  | 49 | 16.94  | 17.04  | 16.84  | 19.00         |
| 10              | 64QAM  | 25 | 0  | 17.01  | 17.10  | 16.93  | 19.00         |
| 10              | 64QAM  | 25 | 12 | 16.97  | 17.09  | 16.95  | 19.00         |
| 10              | 64QAM  | 25 | 25 | 16.96  | 17.04  | 16.93  | 19.00         |
| 10              | 64QAM  | 50 | 0  | 16.91  | 16.98  | 16.75  | 19.00         |
| 10              | 256QAM | 1  | 0  | 16.92  | 16.96  | 16.88  | 19.00         |
| 10              | 256QAM | 1  | 25 | 16.92  | 17.11  | 16.94  | 19.00         |
| 10              | 256QAM | 1  | 49 | 16.82  | 17.06  | 16.88  | 19.00         |
| 10              | 256QAM | 25 | 0  | 16.86  | 16.99  | 16.81  | 19.00         |
| 10              | 256QAM | 25 | 12 | 16.90  | 17.04  | 16.81  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.06  | 16.92  | 19.00         |
| 10              | 256QAM | 50 | 0  | 16.93  | 16.98  | 16.86  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.05  | 17.14  | 17.10  | 19.00         |
| 5               | QPSK   | 1  | 12 | 16.91  | 16.99  | 16.85  | 19.00         |
| 5               | QPSK   | 1  | 24 | 16.86  | 16.95  | 16.85  | 19.00         |
| 5               | QPSK   | 12 | 0  | 16.97  | 17.01  | 17.01  | 19.00         |
| 5               | QPSK   | 12 | 7  | 16.92  | 16.95  | 16.75  | 19.00         |
| 5               | QPSK   | 12 | 13 | 16.92  | 17.05  | 16.88  | 19.00         |
| 5               | QPSK   | 25 | 0  | 16.84  | 17.05  | 16.83  | 19.00         |
| 5               | 16QAM  | 1  | 0  | 16.81  | 16.91  | 16.84  | 19.00         |
| 5               | 16QAM  | 1  | 12 | 16.85  | 17.05  | 16.89  | 19.00         |
| 5               | 16QAM  | 1  | 24 | 16.83  | 17.03  | 16.91  | 19.00         |
| 5               | 16QAM  | 12 | 0  | 16.82  | 16.98  | 16.81  | 19.00         |
| 5               | 16QAM  | 12 | 7  | 16.90  | 17.07  | 16.83  | 19.00         |
| 5               | 16QAM  | 12 | 13 | 16.90  | 16.93  | 16.74  | 19.00         |
| 5               | 16QAM  | 25 | 0  | 16.97  | 17.11  | 16.94  | 19.00         |
| 5               | 64QAM  | 1  | 0  | 16.92  | 17.11  | 16.90  | 19.00         |
| 5               | 64QAM  | 1  | 12 | 17.01  | 17.05  | 16.81  | 19.00         |
| 5               | 64QAM  | 1  | 24 | 16.93  | 16.95  | 16.90  | 19.00         |
| 5               | 64QAM  | 12 | 0  | 16.98  | 17.06  | 16.95  | 19.00         |
| 5               | 64QAM  | 12 | 7  | 16.99  | 17.12  | 17.01  | 19.00         |
| 5               | 64QAM  | 12 | 13 | 16.97  | 17.03  | 16.91  | 19.00         |
| 5               | 64QAM  | 25 | 0  | 16.81  | 17.03  | 16.79  | 19.00         |
| 5               | 256QAM | 1  | 0  | 16.95  | 17.02  | 16.84  | 19.00         |
| 5               | 256QAM | 1  | 12 | 16.99  | 17.04  | 16.91  | 19.00         |
| 5               | 256QAM | 1  | 24 | 16.91  | 16.97  | 16.89  | 19.00         |
| 5               | 256QAM | 12 | 0  | 16.92  | 17.02  | 16.85  | 19.00         |



|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 12 | 7  | 16.94  | 17.00  | 16.74  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 16.89  | 17.02  | 16.93  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 16.94  | 17.00  | 16.85  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.12  | 17.17  | 17.03  | 19.00                  |
| 3               | QPSK   | 1  | 8  | 16.87  | 17.03  | 16.80  | 19.00                  |
| 3               | QPSK   | 1  | 14 | 16.89  | 16.97  | 16.74  | 19.00                  |
| 3               | QPSK   | 8  | 0  | 17.02  | 17.00  | 16.96  | 19.00                  |
| 3               | QPSK   | 8  | 4  | 16.92  | 17.06  | 16.76  | 19.00                  |
| 3               | QPSK   | 8  | 7  | 16.86  | 17.09  | 16.84  | 19.00                  |
| 3               | QPSK   | 15 | 0  | 16.88  | 17.01  | 16.87  | 19.00                  |
| 3               | 16QAM  | 1  | 0  | 16.81  | 16.91  | 16.75  | 19.00                  |
| 3               | 16QAM  | 1  | 8  | 16.89  | 17.04  | 16.90  | 19.00                  |
| 3               | 16QAM  | 1  | 14 | 16.84  | 16.97  | 16.93  | 19.00                  |
| 3               | 16QAM  | 8  | 0  | 16.76  | 16.96  | 16.79  | 19.00                  |
| 3               | 16QAM  | 8  | 4  | 16.90  | 17.11  | 16.86  | 19.00                  |
| 3               | 16QAM  | 8  | 7  | 16.90  | 16.90  | 16.76  | 19.00                  |
| 3               | 16QAM  | 15 | 0  | 16.89  | 17.12  | 16.90  | 19.00                  |
| 3               | 64QAM  | 1  | 0  | 16.92  | 17.00  | 17.01  | 19.00                  |
| 3               | 64QAM  | 1  | 8  | 17.07  | 17.13  | 16.87  | 19.00                  |
| 3               | 64QAM  | 1  | 14 | 16.99  | 16.94  | 16.85  | 19.00                  |
| 3               | 64QAM  | 8  | 0  | 17.07  | 17.03  | 16.91  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 16.97  | 17.09  | 16.98  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 16.96  | 17.02  | 16.96  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 16.88  | 16.95  | 16.78  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 16.92  | 17.03  | 16.87  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.02  | 17.06  | 16.92  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 16.79  | 17.04  | 16.80  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 16.94  | 17.05  | 16.84  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 16.85  | 16.95  | 16.77  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 16.99  | 17.09  | 16.91  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 16.88  | 17.06  | 16.80  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.11  | 17.12  | 17.12  | 19.00                  |
| 1.4             | QPSK   | 1  | 3  | 16.95  | 17.02  | 16.87  | 19.00                  |
| 1.4             | QPSK   | 1  | 5  | 16.94  | 17.02  | 16.86  | 19.00                  |
| 1.4             | QPSK   | 3  | 0  | 17.00  | 17.09  | 16.92  | 19.00                  |
| 1.4             | QPSK   | 3  | 1  | 16.84  | 16.96  | 16.86  | 19.00                  |
| 1.4             | QPSK   | 3  | 3  | 16.94  | 17.02  | 16.80  | 19.00                  |
| 1.4             | QPSK   | 6  | 0  | 16.82  | 17.03  | 16.89  | 19.00                  |
| 1.4             | 16QAM  | 1  | 0  | 16.90  | 16.94  | 16.88  | 19.00                  |
| 1.4             | 16QAM  | 1  | 3  | 16.85  | 17.02  | 16.91  | 19.00                  |
| 1.4             | 16QAM  | 1  | 5  | 16.94  | 16.93  | 16.84  | 19.00                  |
| 1.4             | 16QAM  | 3  | 0  | 16.77  | 17.01  | 16.77  | 19.00                  |
| 1.4             | 16QAM  | 3  | 1  | 16.94  | 17.14  | 16.90  | 19.00                  |
| 1.4             | 16QAM  | 3  | 3  | 16.86  | 16.92  | 16.75  | 19.00                  |
| 1.4             | 16QAM  | 6  | 0  | 16.97  | 17.00  | 16.90  | 19.00                  |
| 1.4             | 64QAM  | 1  | 0  | 16.93  | 17.02  | 16.97  | 19.00                  |
| 1.4             | 64QAM  | 1  | 3  | 16.95  | 17.09  | 16.79  | 19.00                  |
| 1.4             | 64QAM  | 1  | 5  | 16.89  | 16.97  | 16.82  | 19.00                  |
| 1.4             | 64QAM  | 3  | 0  | 17.04  | 17.10  | 16.90  | 19.00                  |
| 1.4             | 64QAM  | 3  | 1  | 17.05  | 17.03  | 16.96  | 19.00                  |
| 1.4             | 64QAM  | 3  | 3  | 17.01  | 17.03  | 16.85  | 19.00                  |
| 1.4             | 64QAM  | 6  | 0  | 16.82  | 16.95  | 16.84  | 19.00                  |
| 1.4             | 256QAM | 1  | 0  | 16.87  | 16.98  | 16.95  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.04  | 17.05  | 16.98  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 16.79  | 17.02  | 16.86  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 16.88  | 17.01  | 16.84  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 16.95  | 16.98  | 16.87  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 16.95  | 17.04  | 16.92  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 16.92  | 17.00  | 16.82  | 19.00                  |

**【LTE Band 5\_Ant 0\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.06                    | 25.07                       | 25.02                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.93                    | 24.97                       | 24.84                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.93                    | 25.00                       | 24.80                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 23.94                    | 24.03                       | 23.95                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.89                    | 24.01                       | 23.86                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.93                    | 24.03                       | 23.83                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.98                    | 24.06                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.02                    | 24.17                       | 23.98                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.91                    | 24.07                       | 24.01                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 24.09                    | 24.21                       | 24.12                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.95                    | 23.06                       | 22.99                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.88                    | 23.02                       | 22.94                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.85                    | 23.00                       | 22.85                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 22.96                    | 23.05                       | 22.86                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.03                    | 23.19                       | 23.03                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 23.07                    | 23.12                       | 23.00                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 23.01                    | 23.16                       | 23.04                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 21.99                    | 22.06                       | 21.91                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 21.90                    | 22.03                       | 21.85                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 21.87                    | 22.02                       | 21.93                     | 22.70                  |
| 10              | 64QAM      | 50      | 0         | 21.99                    | 22.06                       | 21.98                     | 22.70                  |
| 10              | 256QAM     | 1       | 0         | 20.00                    | 20.09                       | 19.99                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 20.02                    | 20.08                       | 19.97                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.92                    | 20.07                       | 19.93                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.96                    | 20.01                       | 19.85                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 19.96                    | 20.01                       | 19.88                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.83                    | 19.98                       | 19.92                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.92                    | 20.02                       | 19.89                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.03                    | 25.03                       | 24.98                     | 25.70                  |
| 5               | QPSK       | 1       | 12        | 24.80                    | 24.91                       | 24.73                     | 25.70                  |
| 5               | QPSK       | 1       | 24        | 24.81                    | 24.96                       | 24.73                     | 25.70                  |
| 5               | QPSK       | 12      | 0         | 23.80                    | 23.93                       | 23.82                     | 24.70                  |
| 5               | QPSK       | 12      | 7         | 23.77                    | 23.98                       | 23.82                     | 24.70                  |
| 5               | QPSK       | 12      | 13        | 23.81                    | 23.97                       | 23.81                     | 24.70                  |
| 5               | QPSK       | 25      | 0         | 23.97                    | 24.05                       | 23.81                     | 24.70                  |
| 5               | 16QAM      | 1       | 0         | 23.99                    | 24.05                       | 23.87                     | 24.70                  |
| 5               | 16QAM      | 1       | 12        | 23.76                    | 23.92                       | 23.97                     | 24.70                  |
| 5               | 16QAM      | 1       | 24        | 23.96                    | 24.12                       | 24.04                     | 24.70                  |
| 5               | 16QAM      | 12      | 0         | 22.88                    | 22.93                       | 22.90                     | 23.70                  |
| 5               | 16QAM      | 12      | 7         | 22.83                    | 22.91                       | 22.91                     | 23.70                  |
| 5               | 16QAM      | 12      | 13        | 22.82                    | 22.98                       | 22.70                     | 23.70                  |
| 5               | 16QAM      | 25      | 0         | 22.90                    | 23.03                       | 22.83                     | 23.70                  |
| 5               | 64QAM      | 1       | 0         | 22.97                    | 23.15                       | 22.94                     | 23.70                  |
| 5               | 64QAM      | 1       | 12        | 23.04                    | 23.06                       | 22.93                     | 23.70                  |
| 5               | 64QAM      | 1       | 24        | 22.89                    | 23.02                       | 23.00                     | 23.70                  |
| 5               | 64QAM      | 12      | 0         | 21.89                    | 22.01                       | 21.81                     | 22.70                  |
| 5               | 64QAM      | 12      | 7         | 21.86                    | 21.93                       | 21.84                     | 22.70                  |
| 5               | 64QAM      | 12      | 13        | 21.82                    | 21.98                       | 21.82                     | 22.70                  |
| 5               | 64QAM      | 25      | 0         | 21.89                    | 22.02                       | 21.91                     | 22.70                  |
| 5               | 256QAM     | 1       | 0         | 19.87                    | 19.96                       | 19.86                     | 20.70                  |
| 5               | 256QAM     | 1       | 12        | 20.00                    | 19.96                       | 19.84                     | 20.70                  |
| 5               | 256QAM     | 1       | 24        | 19.85                    | 20.00                       | 19.84                     | 20.70                  |
| 5               | 256QAM     | 12      | 0         | 19.84                    | 19.97                       | 19.76                     | 20.70                  |
| 5               | 256QAM     | 12      | 7         | 19.93                    | 19.95                       | 19.78                     | 20.70                  |
| 5               | 256QAM     | 12      | 13        | 19.75                    | 19.93                       | 19.80                     | 20.70                  |
| 5               | 256QAM     | 25      | 0         | 19.81                    | 19.91                       | 19.88                     | 20.70                  |
| Channel         |            |         |           | 20415                    | 20525                       | 20635                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 825.5                    | 836.5                       | 847.5                     |                        |
| 3               | QPSK       | 1       | 0         | 25.05                    | 24.98                       | 24.93                     | 25.70                  |
| 3               | QPSK       | 1       | 8         | 24.86                    | 24.92                       | 24.81                     | 25.70                  |
| 3               | QPSK       | 1       | 14        | 24.91                    | 24.90                       | 24.77                     | 25.70                  |
| 3               | QPSK       | 8       | 0         | 23.93                    | 23.88                       | 23.81                     | 24.70                  |
| 3               | QPSK       | 8       | 4         | 23.81                    | 23.89                       | 23.78                     | 24.70                  |
| 3               | QPSK       | 8       | 7         | 23.89                    | 23.96                       | 23.76                     | 24.70                  |
| 3               | QPSK       | 15      | 0         | 23.91                    | 24.04                       | 23.82                     | 24.70                  |
| 3               | 16QAM      | 1       | 0         | 23.93                    | 24.10                       | 23.91                     | 24.70                  |
| 3               | 16QAM      | 1       | 8         | 23.78                    | 23.94                       | 23.97                     | 24.70                  |
| 3               | 16QAM      | 1       | 14        | 23.97                    | 24.07                       | 24.05                     | 24.70                  |
| 3               | 16QAM      | 8       | 0         | 22.91                    | 23.01                       | 22.93                     | 23.70                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 4  | 22.80 | 22.95 | 22.89 | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.77 | 22.95 | 22.72 | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.82 | 22.90 | 22.82 | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.98 | 23.05 | 22.99 | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 23.04 | 23.02 | 22.96 | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.95 | 23.06 | 23.01 | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.85 | 22.01 | 21.87 | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.88 | 21.95 | 21.74 | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.81 | 21.89 | 21.84 | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.90 | 22.05 | 21.93 | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.95 | 20.01 | 19.96 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.96 | 19.94 | 19.84 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.82 | 19.94 | 19.83 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.89 | 19.93 | 19.78 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.91 | 19.99 | 19.84 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.90 | 19.80 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.84 | 19.91 | 19.81 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.96 | 24.97 | 24.95 | 25.70                  |
| 1.4             | QPSK   | 1  | 3  | 24.80 | 24.85 | 24.71 | 25.70                  |
| 1.4             | QPSK   | 1  | 5  | 24.88 | 24.88 | 24.76 | 25.70                  |
| 1.4             | QPSK   | 3  | 0  | 24.93 | 24.90 | 24.81 | 25.70                  |
| 1.4             | QPSK   | 3  | 1  | 24.85 | 24.87 | 24.77 | 25.70                  |
| 1.4             | QPSK   | 3  | 3  | 24.90 | 25.01 | 24.78 | 25.70                  |
| 1.4             | QPSK   | 6  | 0  | 23.93 | 23.93 | 23.89 | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.89 | 24.11 | 23.95 | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.82 | 23.95 | 23.90 | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 24.08 | 24.15 | 24.08 | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.93 | 23.95 | 23.88 | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.85 | 23.88 | 23.86 | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.72 | 23.96 | 23.81 | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.92 | 22.98 | 22.73 | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.93 | 23.08 | 22.97 | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 23.02 | 23.07 | 22.95 | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.91 | 23.14 | 22.95 | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.97 | 23.00 | 22.89 | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.83 | 23.01 | 22.84 | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.75 | 22.96 | 22.83 | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.85 | 21.96 | 21.84 | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.86 | 20.02 | 19.96 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.97 | 19.99 | 19.89 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.86 | 20.00 | 19.87 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.83 | 19.95 | 19.76 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.94 | 19.91 | 19.78 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.68 | 19.83 | 19.77 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.86 | 19.94 | 19.79 | 20.70                  |

**【LTE Band 5\_Ant 0\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.74                    | 24.79                       | 24.68                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.59                    | 24.71                       | 24.50                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.58                    | 24.66                       | 24.52                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.67                    | 23.72                       | 23.57                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.63                    | 23.71                       | 23.46                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.58                    | 23.69                       | 23.52                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.59                    | 23.71                       | 23.52                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.60                    | 23.78                       | 23.62                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.58                    | 23.68                       | 23.48                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.58                    | 23.67                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.56                    | 22.72                       | 22.58                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.59                    | 22.68                       | 22.49                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.52                    | 22.68                       | 22.43                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.53                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.58                    | 22.66                       | 22.43                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.53                    | 22.64                       | 22.45                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.62                    | 21.73                       | 21.61                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.59                    | 21.68                       | 21.56                     | 22.50                  |



# FCC SAR Test Report

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|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 25 | 25 | 21.61 | 21.69 | 21.51 | 22.50         |
| 10              | 64QAM  | 50 | 0  | 21.67 | 21.73 | 21.51 | 22.50         |
| 10              | 256QAM | 1  | 0  | 19.47 | 19.62 | 19.46 | 20.50         |
| 10              | 256QAM | 1  | 25 | 19.45 | 19.56 | 19.36 | 20.50         |
| 10              | 256QAM | 1  | 49 | 19.38 | 19.54 | 19.42 | 20.50         |
| 10              | 256QAM | 25 | 0  | 19.58 | 19.69 | 19.48 | 20.50         |
| 10              | 256QAM | 25 | 12 | 19.52 | 19.68 | 19.49 | 20.50         |
| 10              | 256QAM | 25 | 25 | 19.47 | 19.64 | 19.42 | 20.50         |
| 10              | 256QAM | 50 | 0  | 19.58 | 19.69 | 19.47 | 20.50         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.71 | 24.72 | 24.56 | 25.50         |
| 5               | QPSK   | 1  | 12 | 24.55 | 24.66 | 24.46 | 25.50         |
| 5               | QPSK   | 1  | 24 | 24.45 | 24.56 | 24.39 | 25.50         |
| 5               | QPSK   | 12 | 0  | 23.55 | 23.67 | 23.40 | 24.50         |
| 5               | QPSK   | 12 | 7  | 23.55 | 23.68 | 23.39 | 24.50         |
| 5               | QPSK   | 12 | 13 | 23.51 | 23.65 | 23.47 | 24.50         |
| 5               | QPSK   | 25 | 0  | 23.45 | 23.63 | 23.45 | 24.50         |
| 5               | 16QAM  | 1  | 0  | 23.52 | 23.69 | 23.55 | 24.50         |
| 5               | 16QAM  | 1  | 12 | 23.53 | 23.53 | 23.44 | 24.50         |
| 5               | 16QAM  | 1  | 24 | 23.43 | 23.62 | 23.37 | 24.50         |
| 5               | 16QAM  | 12 | 0  | 22.49 | 22.68 | 22.44 | 23.50         |
| 5               | 16QAM  | 12 | 7  | 22.58 | 22.62 | 22.48 | 23.50         |
| 5               | 16QAM  | 12 | 13 | 22.47 | 22.58 | 22.37 | 23.50         |
| 5               | 16QAM  | 25 | 0  | 22.45 | 22.68 | 22.51 | 23.50         |
| 5               | 64QAM  | 1  | 0  | 22.59 | 22.67 | 22.55 | 23.50         |
| 5               | 64QAM  | 1  | 12 | 22.45 | 22.57 | 22.34 | 23.50         |
| 5               | 64QAM  | 1  | 24 | 22.50 | 22.58 | 22.44 | 23.50         |
| 5               | 64QAM  | 12 | 0  | 21.57 | 21.59 | 21.59 | 22.50         |
| 5               | 64QAM  | 12 | 7  | 21.51 | 21.65 | 21.46 | 22.50         |
| 5               | 64QAM  | 12 | 13 | 21.59 | 21.59 | 21.49 | 22.50         |
| 5               | 64QAM  | 25 | 0  | 21.57 | 21.59 | 21.46 | 22.50         |
| 5               | 256QAM | 1  | 0  | 19.38 | 19.48 | 19.34 | 20.50         |
| 5               | 256QAM | 1  | 12 | 19.40 | 19.47 | 19.33 | 20.50         |
| 5               | 256QAM | 1  | 24 | 19.27 | 19.52 | 19.33 | 20.50         |
| 5               | 256QAM | 12 | 0  | 19.57 | 19.55 | 19.38 | 20.50         |
| 5               | 256QAM | 12 | 7  | 19.39 | 19.66 | 19.47 | 20.50         |
| 5               | 256QAM | 12 | 13 | 19.45 | 19.50 | 19.32 | 20.50         |
| 5               | 256QAM | 25 | 0  | 19.49 | 19.68 | 19.44 | 20.50         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 24.70 | 24.74 | 24.63 | 25.50         |
| 3               | QPSK   | 1  | 8  | 24.48 | 24.56 | 24.36 | 25.50         |
| 3               | QPSK   | 1  | 14 | 24.52 | 24.55 | 24.44 | 25.50         |
| 3               | QPSK   | 8  | 0  | 23.55 | 23.55 | 23.37 | 24.50         |
| 3               | QPSK   | 8  | 4  | 23.61 | 23.68 | 23.40 | 24.50         |
| 3               | QPSK   | 8  | 7  | 23.49 | 23.61 | 23.46 | 24.50         |
| 3               | QPSK   | 15 | 0  | 23.48 | 23.65 | 23.44 | 24.50         |
| 3               | 16QAM  | 1  | 0  | 23.56 | 23.75 | 23.49 | 24.50         |
| 3               | 16QAM  | 1  | 8  | 23.45 | 23.56 | 23.46 | 24.50         |
| 3               | 16QAM  | 1  | 14 | 23.55 | 23.55 | 23.39 | 24.50         |
| 3               | 16QAM  | 8  | 0  | 22.43 | 22.58 | 22.49 | 23.50         |
| 3               | 16QAM  | 8  | 4  | 22.50 | 22.67 | 22.48 | 23.50         |
| 3               | 16QAM  | 8  | 7  | 22.38 | 22.57 | 22.29 | 23.50         |
| 3               | 16QAM  | 15 | 0  | 22.40 | 22.61 | 22.50 | 23.50         |
| 3               | 64QAM  | 1  | 0  | 22.56 | 22.68 | 22.50 | 23.50         |
| 3               | 64QAM  | 1  | 8  | 22.49 | 22.58 | 22.30 | 23.50         |
| 3               | 64QAM  | 1  | 14 | 22.38 | 22.56 | 22.40 | 23.50         |
| 3               | 64QAM  | 8  | 0  | 21.50 | 21.60 | 21.58 | 22.50         |
| 3               | 64QAM  | 8  | 4  | 21.54 | 21.58 | 21.43 | 22.50         |
| 3               | 64QAM  | 8  | 7  | 21.58 | 21.62 | 21.44 | 22.50         |
| 3               | 64QAM  | 15 | 0  | 21.62 | 21.61 | 21.38 | 22.50         |
| 3               | 256QAM | 1  | 0  | 19.32 | 19.60 | 19.45 | 20.50         |
| 3               | 256QAM | 1  | 8  | 19.32 | 19.51 | 19.33 | 20.50         |
| 3               | 256QAM | 1  | 14 | 19.29 | 19.47 | 19.29 | 20.50         |
| 3               | 256QAM | 8  | 0  | 19.48 | 19.55 | 19.38 | 20.50         |
| 3               | 256QAM | 8  | 4  | 19.46 | 19.59 | 19.35 | 20.50         |
| 3               | 256QAM | 8  | 7  | 19.43 | 19.60 | 19.38 | 20.50         |
| 3               | 256QAM | 15 | 0  | 19.46 | 19.66 | 19.39 | 20.50         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 24.72 | 24.65 | 24.60 | 25.50         |
| 1.4             | QPSK   | 1  | 3  | 24.53 | 24.66 | 24.43 | 25.50         |
| 1.4             | QPSK   | 1  | 5  | 24.54 | 24.59 | 24.47 | 25.50         |
| 1.4             | QPSK   | 3  | 0  | 24.59 | 24.60 | 24.42 | 25.50         |
| 1.4             | QPSK   | 3  | 1  | 24.54 | 24.64 | 24.34 | 25.50         |
| 1.4             | QPSK   | 3  | 3  | 24.49 | 24.56 | 24.49 | 25.50         |
| 1.4             | QPSK   | 6  | 0  | 23.46 | 23.58 | 23.42 | 24.50         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 0 | 23.49 | 23.65 | 23.48 | 24.50 |
| 1.4 | 16QAM  | 1 | 3 | 23.53 | 23.65 | 23.42 | 24.50 |
| 1.4 | 16QAM  | 1 | 5 | 23.51 | 23.62 | 23.42 | 24.50 |
| 1.4 | 16QAM  | 3 | 0 | 23.52 | 23.66 | 23.56 | 24.50 |
| 1.4 | 16QAM  | 3 | 1 | 23.47 | 23.60 | 23.44 | 24.50 |
| 1.4 | 16QAM  | 3 | 3 | 23.46 | 23.63 | 23.38 | 24.50 |
| 1.4 | 16QAM  | 6 | 0 | 22.48 | 22.61 | 22.48 | 23.50 |
| 1.4 | 64QAM  | 1 | 0 | 22.51 | 22.59 | 22.49 | 23.50 |
| 1.4 | 64QAM  | 1 | 3 | 22.48 | 22.51 | 22.40 | 23.50 |
| 1.4 | 64QAM  | 1 | 5 | 22.52 | 22.52 | 22.31 | 23.50 |
| 1.4 | 64QAM  | 3 | 0 | 22.57 | 22.64 | 22.56 | 23.50 |
| 1.4 | 64QAM  | 3 | 1 | 22.47 | 22.62 | 22.53 | 23.50 |
| 1.4 | 64QAM  | 3 | 3 | 22.58 | 22.66 | 22.44 | 23.50 |
| 1.4 | 64QAM  | 6 | 0 | 21.56 | 21.65 | 21.46 | 22.50 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.53 | 19.38 | 20.50 |
| 1.4 | 256QAM | 1 | 3 | 19.31 | 19.51 | 19.26 | 20.50 |
| 1.4 | 256QAM | 1 | 5 | 19.30 | 19.51 | 19.37 | 20.50 |
| 1.4 | 256QAM | 3 | 0 | 19.47 | 19.55 | 19.36 | 20.50 |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.64 | 19.43 | 20.50 |
| 1.4 | 256QAM | 3 | 3 | 19.45 | 19.53 | 19.39 | 20.50 |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.67 | 19.41 | 20.50 |

**【LTE Band 5\_Ant 0\_ECI1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.06                    | 25.07                       | 25.02                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.93                    | 24.97                       | 24.84                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.93                    | 25.00                       | 24.80                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 23.94                    | 24.03                       | 23.95                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.89                    | 24.01                       | 23.86                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.93                    | 24.03                       | 23.83                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.98                    | 24.06                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.02                    | 24.17                       | 23.98                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.91                    | 24.07                       | 24.01                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 24.09                    | 24.21                       | 24.12                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.95                    | 23.06                       | 22.99                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.88                    | 23.02                       | 22.94                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.85                    | 23.00                       | 22.85                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 22.96                    | 23.05                       | 22.86                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.03                    | 23.19                       | 23.03                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 23.07                    | 23.12                       | 23.00                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 23.01                    | 23.16                       | 23.04                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 21.99                    | 22.06                       | 21.91                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 21.90                    | 22.03                       | 21.85                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 21.87                    | 22.02                       | 21.93                     | 22.70                  |
| 10              | 64QAM      | 50      | 0         | 21.99                    | 22.06                       | 21.98                     | 22.70                  |
| 10              | 256QAM     | 1       | 0         | 20.00                    | 20.09                       | 19.99                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 20.02                    | 20.08                       | 19.97                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.92                    | 20.07                       | 19.93                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.96                    | 20.01                       | 19.85                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 19.96                    | 20.01                       | 19.88                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.83                    | 19.98                       | 19.92                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.92                    | 20.02                       | 19.89                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.03                    | 25.03                       | 24.98                     | 25.70                  |
| 5               | QPSK       | 1       | 12        | 24.80                    | 24.91                       | 24.73                     | 25.70                  |
| 5               | QPSK       | 1       | 24        | 24.81                    | 24.96                       | 24.73                     | 25.70                  |
| 5               | QPSK       | 12      | 0         | 23.80                    | 23.93                       | 23.82                     | 24.70                  |
| 5               | QPSK       | 12      | 7         | 23.77                    | 23.98                       | 23.82                     | 24.70                  |
| 5               | QPSK       | 12      | 13        | 23.81                    | 23.97                       | 23.81                     | 24.70                  |
| 5               | QPSK       | 25      | 0         | 23.97                    | 24.05                       | 23.81                     | 24.70                  |
| 5               | 16QAM      | 1       | 0         | 23.99                    | 24.05                       | 23.87                     | 24.70                  |
| 5               | 16QAM      | 1       | 12        | 23.76                    | 23.92                       | 23.97                     | 24.70                  |
| 5               | 16QAM      | 1       | 24        | 23.96                    | 24.12                       | 24.04                     | 24.70                  |
| 5               | 16QAM      | 12      | 0         | 22.88                    | 22.93                       | 22.90                     | 23.70                  |
| 5               | 16QAM      | 12      | 7         | 22.83                    | 22.91                       | 22.91                     | 23.70                  |
| 5               | 16QAM      | 12      | 13        | 22.82                    | 22.98                       | 22.70                     | 23.70                  |
| 5               | 16QAM      | 25      | 0         | 22.90                    | 23.03                       | 22.83                     | 23.70                  |
| 5               | 64QAM      | 1       | 0         | 22.97                    | 23.15                       | 22.94                     | 23.70                  |



|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 64QAM  | 1  | 12 | 23.04 | 23.06 | 22.93 | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.89 | 23.02 | 23.00 | 23.70         |
| 5               | 64QAM  | 12 | 0  | 21.89 | 22.01 | 21.81 | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.86 | 21.93 | 21.84 | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.82 | 21.98 | 21.82 | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.89 | 22.02 | 21.91 | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.87 | 19.96 | 19.86 | 20.70         |
| 5               | 256QAM | 1  | 12 | 20.00 | 19.96 | 19.84 | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.85 | 20.00 | 19.84 | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.84 | 19.97 | 19.76 | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.93 | 19.95 | 19.78 | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.75 | 19.93 | 19.80 | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.81 | 19.91 | 19.88 | 20.70         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 25.05 | 24.98 | 24.93 | 25.70         |
| 3               | QPSK   | 1  | 8  | 24.86 | 24.92 | 24.81 | 25.70         |
| 3               | QPSK   | 1  | 14 | 24.91 | 24.90 | 24.77 | 25.70         |
| 3               | QPSK   | 8  | 0  | 23.93 | 23.88 | 23.81 | 24.70         |
| 3               | QPSK   | 8  | 4  | 23.81 | 23.89 | 23.78 | 24.70         |
| 3               | QPSK   | 8  | 7  | 23.89 | 23.96 | 23.76 | 24.70         |
| 3               | QPSK   | 15 | 0  | 23.91 | 24.04 | 23.82 | 24.70         |
| 3               | 16QAM  | 1  | 0  | 23.93 | 24.10 | 23.91 | 24.70         |
| 3               | 16QAM  | 1  | 8  | 23.78 | 23.94 | 23.97 | 24.70         |
| 3               | 16QAM  | 1  | 14 | 23.97 | 24.07 | 24.05 | 24.70         |
| 3               | 16QAM  | 8  | 0  | 22.91 | 23.01 | 22.93 | 23.70         |
| 3               | 16QAM  | 8  | 4  | 22.80 | 22.95 | 22.89 | 23.70         |
| 3               | 16QAM  | 8  | 7  | 22.77 | 22.95 | 22.72 | 23.70         |
| 3               | 16QAM  | 15 | 0  | 22.82 | 22.90 | 22.82 | 23.70         |
| 3               | 64QAM  | 1  | 0  | 22.98 | 23.05 | 22.99 | 23.70         |
| 3               | 64QAM  | 1  | 8  | 23.04 | 23.02 | 22.96 | 23.70         |
| 3               | 64QAM  | 1  | 14 | 22.95 | 23.06 | 23.01 | 23.70         |
| 3               | 64QAM  | 8  | 0  | 21.85 | 22.01 | 21.87 | 22.70         |
| 3               | 64QAM  | 8  | 4  | 21.88 | 21.95 | 21.74 | 22.70         |
| 3               | 64QAM  | 8  | 7  | 21.81 | 21.89 | 21.84 | 22.70         |
| 3               | 64QAM  | 15 | 0  | 21.90 | 22.05 | 21.93 | 22.70         |
| 3               | 256QAM | 1  | 0  | 19.95 | 20.01 | 19.96 | 20.70         |
| 3               | 256QAM | 1  | 8  | 19.96 | 19.94 | 19.84 | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.82 | 19.94 | 19.83 | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.89 | 19.93 | 19.78 | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.91 | 19.99 | 19.84 | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.90 | 19.80 | 20.70         |
| 3               | 256QAM | 15 | 0  | 19.84 | 19.91 | 19.81 | 20.70         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 24.96 | 24.97 | 24.95 | 25.70         |
| 1.4             | QPSK   | 1  | 3  | 24.80 | 24.85 | 24.71 | 25.70         |
| 1.4             | QPSK   | 1  | 5  | 24.88 | 24.88 | 24.76 | 25.70         |
| 1.4             | QPSK   | 3  | 0  | 24.93 | 24.90 | 24.81 | 25.70         |
| 1.4             | QPSK   | 3  | 1  | 24.85 | 24.87 | 24.77 | 25.70         |
| 1.4             | QPSK   | 3  | 3  | 24.90 | 25.01 | 24.78 | 25.70         |
| 1.4             | QPSK   | 6  | 0  | 23.93 | 23.93 | 23.89 | 24.70         |
| 1.4             | 16QAM  | 1  | 0  | 23.89 | 24.11 | 23.95 | 24.70         |
| 1.4             | 16QAM  | 1  | 3  | 23.82 | 23.95 | 23.90 | 24.70         |
| 1.4             | 16QAM  | 1  | 5  | 24.08 | 24.15 | 24.08 | 24.70         |
| 1.4             | 16QAM  | 3  | 0  | 23.93 | 23.95 | 23.88 | 24.70         |
| 1.4             | 16QAM  | 3  | 1  | 23.85 | 23.88 | 23.86 | 24.70         |
| 1.4             | 16QAM  | 3  | 3  | 23.72 | 23.96 | 23.81 | 24.70         |
| 1.4             | 16QAM  | 6  | 0  | 22.92 | 22.98 | 22.73 | 23.70         |
| 1.4             | 64QAM  | 1  | 0  | 22.93 | 23.08 | 22.97 | 23.70         |
| 1.4             | 64QAM  | 1  | 3  | 23.02 | 23.07 | 22.95 | 23.70         |
| 1.4             | 64QAM  | 1  | 5  | 22.91 | 23.14 | 22.95 | 23.70         |
| 1.4             | 64QAM  | 3  | 0  | 22.97 | 23.00 | 22.89 | 23.70         |
| 1.4             | 64QAM  | 3  | 1  | 22.83 | 23.01 | 22.84 | 23.70         |
| 1.4             | 64QAM  | 3  | 3  | 22.75 | 22.96 | 22.83 | 23.70         |
| 1.4             | 64QAM  | 6  | 0  | 21.85 | 21.96 | 21.84 | 22.70         |
| 1.4             | 256QAM | 1  | 0  | 19.86 | 20.02 | 19.96 | 20.70         |
| 1.4             | 256QAM | 1  | 3  | 19.97 | 19.99 | 19.89 | 20.70         |
| 1.4             | 256QAM | 1  | 5  | 19.86 | 20.00 | 19.87 | 20.70         |
| 1.4             | 256QAM | 3  | 0  | 19.83 | 19.95 | 19.76 | 20.70         |
| 1.4             | 256QAM | 3  | 1  | 19.94 | 19.91 | 19.78 | 20.70         |
| 1.4             | 256QAM | 3  | 3  | 19.68 | 19.83 | 19.77 | 20.70         |
| 1.4             | 256QAM | 6  | 0  | 19.86 | 19.94 | 19.79 | 20.70         |



## 【LTE Band 5\_Ant 0\_ECI1-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.74                    | 24.79                       | 24.68                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.59                    | 24.71                       | 24.50                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.58                    | 24.66                       | 24.52                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.67                    | 23.72                       | 23.57                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.63                    | 23.71                       | 23.46                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.58                    | 23.69                       | 23.52                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.59                    | 23.71                       | 23.52                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.60                    | 23.78                       | 23.62                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.58                    | 23.68                       | 23.48                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.58                    | 23.67                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.56                    | 22.72                       | 22.58                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.59                    | 22.68                       | 22.49                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.52                    | 22.68                       | 22.43                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.53                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.58                    | 22.66                       | 22.43                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.53                    | 22.64                       | 22.45                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.62                    | 21.73                       | 21.61                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.59                    | 21.68                       | 21.56                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.61                    | 21.69                       | 21.51                     | 22.50                  |
| 10              | 64QAM      | 50      | 0         | 21.67                    | 21.73                       | 21.51                     | 22.50                  |
| 10              | 256QAM     | 1       | 0         | 19.47                    | 19.62                       | 19.46                     | 20.50                  |
| 10              | 256QAM     | 1       | 25        | 19.45                    | 19.56                       | 19.36                     | 20.50                  |
| 10              | 256QAM     | 1       | 49        | 19.38                    | 19.54                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 25      | 0         | 19.58                    | 19.69                       | 19.48                     | 20.50                  |
| 10              | 256QAM     | 25      | 12        | 19.52                    | 19.68                       | 19.49                     | 20.50                  |
| 10              | 256QAM     | 25      | 25        | 19.47                    | 19.64                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 50      | 0         | 19.58                    | 19.69                       | 19.47                     | 20.50                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.71                    | 24.72                       | 24.56                     | 25.50                  |
| 5               | QPSK       | 1       | 12        | 24.55                    | 24.66                       | 24.46                     | 25.50                  |
| 5               | QPSK       | 1       | 24        | 24.45                    | 24.56                       | 24.39                     | 25.50                  |
| 5               | QPSK       | 12      | 0         | 23.55                    | 23.67                       | 23.40                     | 24.50                  |
| 5               | QPSK       | 12      | 7         | 23.55                    | 23.68                       | 23.39                     | 24.50                  |
| 5               | QPSK       | 12      | 13        | 23.51                    | 23.65                       | 23.47                     | 24.50                  |
| 5               | QPSK       | 25      | 0         | 23.45                    | 23.63                       | 23.45                     | 24.50                  |
| 5               | 16QAM      | 1       | 0         | 23.52                    | 23.69                       | 23.55                     | 24.50                  |
| 5               | 16QAM      | 1       | 12        | 23.53                    | 23.53                       | 23.44                     | 24.50                  |
| 5               | 16QAM      | 1       | 24        | 23.43                    | 23.62                       | 23.37                     | 24.50                  |
| 5               | 16QAM      | 12      | 0         | 22.49                    | 22.68                       | 22.44                     | 23.50                  |
| 5               | 16QAM      | 12      | 7         | 22.58                    | 22.62                       | 22.48                     | 23.50                  |
| 5               | 16QAM      | 12      | 13        | 22.47                    | 22.58                       | 22.37                     | 23.50                  |
| 5               | 16QAM      | 25      | 0         | 22.45                    | 22.68                       | 22.51                     | 23.50                  |
| 5               | 64QAM      | 1       | 0         | 22.59                    | 22.67                       | 22.55                     | 23.50                  |
| 5               | 64QAM      | 1       | 12        | 22.45                    | 22.57                       | 22.34                     | 23.50                  |
| 5               | 64QAM      | 1       | 24        | 22.50                    | 22.58                       | 22.44                     | 23.50                  |
| 5               | 64QAM      | 12      | 0         | 21.57                    | 21.59                       | 21.59                     | 22.50                  |
| 5               | 64QAM      | 12      | 7         | 21.51                    | 21.65                       | 21.46                     | 22.50                  |
| 5               | 64QAM      | 12      | 13        | 21.59                    | 21.59                       | 21.49                     | 22.50                  |
| 5               | 64QAM      | 25      | 0         | 21.57                    | 21.59                       | 21.46                     | 22.50                  |
| 5               | 256QAM     | 1       | 0         | 19.38                    | 19.48                       | 19.34                     | 20.50                  |
| 5               | 256QAM     | 1       | 12        | 19.40                    | 19.47                       | 19.33                     | 20.50                  |
| 5               | 256QAM     | 1       | 24        | 19.27                    | 19.52                       | 19.33                     | 20.50                  |
| 5               | 256QAM     | 12      | 0         | 19.57                    | 19.55                       | 19.38                     | 20.50                  |
| 5               | 256QAM     | 12      | 7         | 19.39                    | 19.66                       | 19.47                     | 20.50                  |
| 5               | 256QAM     | 12      | 13        | 19.45                    | 19.50                       | 19.32                     | 20.50                  |
| 5               | 256QAM     | 25      | 0         | 19.49                    | 19.68                       | 19.44                     | 20.50                  |
| Channel         |            |         |           | 20415                    | 20525                       | 20635                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 825.5                    | 836.5                       | 847.5                     |                        |
| 3               | QPSK       | 1       | 0         | 24.70                    | 24.74                       | 24.63                     | 25.50                  |
| 3               | QPSK       | 1       | 8         | 24.48                    | 24.56                       | 24.36                     | 25.50                  |
| 3               | QPSK       | 1       | 14        | 24.52                    | 24.55                       | 24.44                     | 25.50                  |
| 3               | QPSK       | 8       | 0         | 23.55                    | 23.55                       | 23.37                     | 24.50                  |
| 3               | QPSK       | 8       | 4         | 23.61                    | 23.68                       | 23.40                     | 24.50                  |
| 3               | QPSK       | 8       | 7         | 23.49                    | 23.61                       | 23.46                     | 24.50                  |
| 3               | QPSK       | 15      | 0         | 23.48                    | 23.65                       | 23.44                     | 24.50                  |
| 3               | 16QAM      | 1       | 0         | 23.56                    | 23.75                       | 23.49                     | 24.50                  |
| 3               | 16QAM      | 1       | 8         | 23.45                    | 23.56                       | 23.46                     | 24.50                  |
| 3               | 16QAM      | 1       | 14        | 23.55                    | 23.55                       | 23.39                     | 24.50                  |
| 3               | 16QAM      | 8       | 0         | 22.43                    | 22.58                       | 22.49                     | 23.50                  |
| 3               | 16QAM      | 8       | 4         | 22.50                    | 22.67                       | 22.48                     | 23.50                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 7  | 22.38 | 22.57 | 22.29 | 23.50                  |
| 3               | 16QAM  | 15 | 0  | 22.40 | 22.61 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 0  | 22.56 | 22.68 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 8  | 22.49 | 22.58 | 22.30 | 23.50                  |
| 3               | 64QAM  | 1  | 14 | 22.38 | 22.56 | 22.40 | 23.50                  |
| 3               | 64QAM  | 8  | 0  | 21.50 | 21.60 | 21.58 | 22.50                  |
| 3               | 64QAM  | 8  | 4  | 21.54 | 21.58 | 21.43 | 22.50                  |
| 3               | 64QAM  | 8  | 7  | 21.58 | 21.62 | 21.44 | 22.50                  |
| 3               | 64QAM  | 15 | 0  | 21.62 | 21.61 | 21.38 | 22.50                  |
| 3               | 256QAM | 1  | 0  | 19.32 | 19.60 | 19.45 | 20.50                  |
| 3               | 256QAM | 1  | 8  | 19.32 | 19.51 | 19.33 | 20.50                  |
| 3               | 256QAM | 1  | 14 | 19.29 | 19.47 | 19.29 | 20.50                  |
| 3               | 256QAM | 8  | 0  | 19.48 | 19.55 | 19.38 | 20.50                  |
| 3               | 256QAM | 8  | 4  | 19.46 | 19.59 | 19.35 | 20.50                  |
| 3               | 256QAM | 8  | 7  | 19.43 | 19.60 | 19.38 | 20.50                  |
| 3               | 256QAM | 15 | 0  | 19.46 | 19.66 | 19.39 | 20.50                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.72 | 24.65 | 24.60 | 25.50                  |
| 1.4             | QPSK   | 1  | 3  | 24.53 | 24.66 | 24.43 | 25.50                  |
| 1.4             | QPSK   | 1  | 5  | 24.54 | 24.59 | 24.47 | 25.50                  |
| 1.4             | QPSK   | 3  | 0  | 24.59 | 24.60 | 24.42 | 25.50                  |
| 1.4             | QPSK   | 3  | 1  | 24.54 | 24.64 | 24.34 | 25.50                  |
| 1.4             | QPSK   | 3  | 3  | 24.49 | 24.56 | 24.49 | 25.50                  |
| 1.4             | QPSK   | 6  | 0  | 23.46 | 23.58 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 1  | 0  | 23.49 | 23.65 | 23.48 | 24.50                  |
| 1.4             | 16QAM  | 1  | 3  | 23.53 | 23.65 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 1  | 5  | 23.51 | 23.62 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 3  | 0  | 23.52 | 23.66 | 23.56 | 24.50                  |
| 1.4             | 16QAM  | 3  | 1  | 23.47 | 23.60 | 23.44 | 24.50                  |
| 1.4             | 16QAM  | 3  | 3  | 23.46 | 23.63 | 23.38 | 24.50                  |
| 1.4             | 16QAM  | 6  | 0  | 22.48 | 22.61 | 22.48 | 23.50                  |
| 1.4             | 64QAM  | 1  | 0  | 22.51 | 22.59 | 22.49 | 23.50                  |
| 1.4             | 64QAM  | 1  | 3  | 22.48 | 22.51 | 22.40 | 23.50                  |
| 1.4             | 64QAM  | 1  | 5  | 22.52 | 22.52 | 22.31 | 23.50                  |
| 1.4             | 64QAM  | 3  | 0  | 22.57 | 22.64 | 22.56 | 23.50                  |
| 1.4             | 64QAM  | 3  | 1  | 22.47 | 22.62 | 22.53 | 23.50                  |
| 1.4             | 64QAM  | 3  | 3  | 22.58 | 22.66 | 22.44 | 23.50                  |
| 1.4             | 64QAM  | 6  | 0  | 21.56 | 21.65 | 21.46 | 22.50                  |
| 1.4             | 256QAM | 1  | 0  | 19.44 | 19.53 | 19.38 | 20.50                  |
| 1.4             | 256QAM | 1  | 3  | 19.31 | 19.51 | 19.26 | 20.50                  |
| 1.4             | 256QAM | 1  | 5  | 19.30 | 19.51 | 19.37 | 20.50                  |
| 1.4             | 256QAM | 3  | 0  | 19.47 | 19.55 | 19.36 | 20.50                  |
| 1.4             | 256QAM | 3  | 1  | 19.39 | 19.64 | 19.43 | 20.50                  |
| 1.4             | 256QAM | 3  | 3  | 19.45 | 19.53 | 19.39 | 20.50                  |
| 1.4             | 256QAM | 6  | 0  | 19.49 | 19.67 | 19.41 | 20.50                  |

**【LTE Band 5\_Ant 0\_ECI3】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.61                    | 24.63                       | 24.59                     | 25.20                  |
| 10              | QPSK       | 1       | 25        | 24.33                    | 24.53                       | 24.36                     | 25.20                  |
| 10              | QPSK       | 1       | 49        | 24.35                    | 24.49                       | 24.38                     | 25.20                  |
| 10              | QPSK       | 25      | 0         | 23.94                    | 24.03                       | 23.95                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.89                    | 24.01                       | 23.86                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.93                    | 24.03                       | 23.83                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.98                    | 24.06                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.02                    | 24.17                       | 23.98                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.91                    | 24.07                       | 24.01                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 24.09                    | 24.21                       | 24.12                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.95                    | 23.06                       | 22.99                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.88                    | 23.02                       | 22.94                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.85                    | 23.00                       | 22.85                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 22.96                    | 23.05                       | 22.86                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.03                    | 23.19                       | 23.03                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 23.07                    | 23.12                       | 23.00                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 23.01                    | 23.16                       | 23.04                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 21.99                    | 22.06                       | 21.91                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 21.90                    | 22.03                       | 21.85                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 21.87                    | 22.02                       | 21.93                     | 22.70                  |



# FCC SAR Test Report

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|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 50 | 0  | 21.99 | 22.06 | 21.98 | 22.70         |
| 10              | 256QAM | 1  | 0  | 20.00 | 20.09 | 19.99 | 20.70         |
| 10              | 256QAM | 1  | 25 | 20.02 | 20.08 | 19.97 | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.92 | 20.07 | 19.93 | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.96 | 20.01 | 19.85 | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.96 | 20.01 | 19.88 | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.83 | 19.98 | 19.92 | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.92 | 20.02 | 19.89 | 20.70         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.53 | 24.54 | 24.50 | 25.20         |
| 5               | QPSK   | 1  | 12 | 24.22 | 24.51 | 24.29 | 25.20         |
| 5               | QPSK   | 1  | 24 | 24.32 | 24.41 | 24.23 | 25.20         |
| 5               | QPSK   | 12 | 0  | 23.82 | 23.93 | 23.81 | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.78 | 23.93 | 23.79 | 24.70         |
| 5               | QPSK   | 12 | 13 | 23.81 | 23.96 | 23.78 | 24.70         |
| 5               | QPSK   | 25 | 0  | 23.97 | 24.05 | 23.81 | 24.70         |
| 5               | 16QAM  | 1  | 0  | 23.99 | 24.05 | 23.87 | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.76 | 23.92 | 23.97 | 24.70         |
| 5               | 16QAM  | 1  | 24 | 23.96 | 24.12 | 24.04 | 24.70         |
| 5               | 16QAM  | 12 | 0  | 22.88 | 22.93 | 22.90 | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.83 | 22.91 | 22.91 | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.82 | 22.98 | 22.70 | 23.70         |
| 5               | 16QAM  | 25 | 0  | 22.90 | 23.03 | 22.83 | 23.70         |
| 5               | 64QAM  | 1  | 0  | 22.97 | 23.15 | 22.94 | 23.70         |
| 5               | 64QAM  | 1  | 12 | 23.04 | 23.06 | 22.93 | 23.70         |
| 5               | 64QAM  | 1  | 24 | 22.89 | 23.02 | 23.00 | 23.70         |
| 5               | 64QAM  | 12 | 0  | 21.89 | 22.01 | 21.81 | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.86 | 21.93 | 21.84 | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.82 | 21.98 | 21.82 | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.89 | 22.02 | 21.91 | 22.70         |
| 5               | 256QAM | 1  | 0  | 19.87 | 19.96 | 19.86 | 20.70         |
| 5               | 256QAM | 1  | 12 | 20.00 | 19.96 | 19.84 | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.85 | 20.00 | 19.84 | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.84 | 19.97 | 19.76 | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.93 | 19.95 | 19.78 | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.75 | 19.93 | 19.80 | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.81 | 19.91 | 19.88 | 20.70         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 24.55 | 24.49 | 24.49 | 25.20         |
| 3               | QPSK   | 1  | 8  | 24.21 | 24.46 | 24.22 | 25.20         |
| 3               | QPSK   | 1  | 14 | 24.29 | 24.48 | 24.26 | 25.20         |
| 3               | QPSK   | 8  | 0  | 23.84 | 23.88 | 23.88 | 24.70         |
| 3               | QPSK   | 8  | 4  | 23.84 | 23.92 | 23.76 | 24.70         |
| 3               | QPSK   | 8  | 7  | 23.83 | 23.89 | 23.77 | 24.70         |
| 3               | QPSK   | 15 | 0  | 23.95 | 23.93 | 23.89 | 24.70         |
| 3               | 16QAM  | 1  | 0  | 23.93 | 24.10 | 23.91 | 24.70         |
| 3               | 16QAM  | 1  | 8  | 23.78 | 23.94 | 23.97 | 24.70         |
| 3               | 16QAM  | 1  | 14 | 23.97 | 24.07 | 24.05 | 24.70         |
| 3               | 16QAM  | 8  | 0  | 22.91 | 23.01 | 22.93 | 23.70         |
| 3               | 16QAM  | 8  | 4  | 22.80 | 22.95 | 22.89 | 23.70         |
| 3               | 16QAM  | 8  | 7  | 22.77 | 22.95 | 22.72 | 23.70         |
| 3               | 16QAM  | 15 | 0  | 22.82 | 22.90 | 22.82 | 23.70         |
| 3               | 64QAM  | 1  | 0  | 22.98 | 23.05 | 22.99 | 23.70         |
| 3               | 64QAM  | 1  | 8  | 23.04 | 23.02 | 22.96 | 23.70         |
| 3               | 64QAM  | 1  | 14 | 22.95 | 23.06 | 23.01 | 23.70         |
| 3               | 64QAM  | 8  | 0  | 21.85 | 22.01 | 21.87 | 22.70         |
| 3               | 64QAM  | 8  | 4  | 21.88 | 21.95 | 21.74 | 22.70         |
| 3               | 64QAM  | 8  | 7  | 21.81 | 21.89 | 21.84 | 22.70         |
| 3               | 64QAM  | 15 | 0  | 21.90 | 22.05 | 21.93 | 22.70         |
| 3               | 256QAM | 1  | 0  | 19.95 | 20.01 | 19.96 | 20.70         |
| 3               | 256QAM | 1  | 8  | 19.96 | 19.94 | 19.84 | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.82 | 19.94 | 19.83 | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.89 | 19.93 | 19.78 | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.91 | 19.99 | 19.84 | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.90 | 19.80 | 20.70         |
| 3               | 256QAM | 15 | 0  | 19.84 | 19.91 | 19.81 | 20.70         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 24.53 | 24.56 | 24.53 | 25.20         |
| 1.4             | QPSK   | 1  | 3  | 24.20 | 24.48 | 24.28 | 25.20         |
| 1.4             | QPSK   | 1  | 5  | 24.29 | 24.37 | 24.23 | 25.20         |
| 1.4             | QPSK   | 3  | 0  | 24.32 | 24.45 | 24.39 | 25.20         |
| 1.4             | QPSK   | 3  | 1  | 24.29 | 24.46 | 24.24 | 25.20         |
| 1.4             | QPSK   | 3  | 3  | 24.39 | 24.42 | 24.25 | 25.20         |
| 1.4             | QPSK   | 6  | 0  | 23.93 | 23.93 | 23.89 | 24.70         |
| 1.4             | 16QAM  | 1  | 0  | 23.89 | 24.11 | 23.95 | 24.70         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 3 | 23.82 | 23.95 | 23.90 | 24.70 |
| 1.4 | 16QAM  | 1 | 5 | 24.08 | 24.15 | 24.08 | 24.70 |
| 1.4 | 16QAM  | 3 | 0 | 23.93 | 23.95 | 23.88 | 24.70 |
| 1.4 | 16QAM  | 3 | 1 | 23.85 | 23.88 | 23.86 | 24.70 |
| 1.4 | 16QAM  | 3 | 3 | 23.72 | 23.96 | 23.81 | 24.70 |
| 1.4 | 16QAM  | 6 | 0 | 22.92 | 22.98 | 22.73 | 23.70 |
| 1.4 | 64QAM  | 1 | 0 | 22.93 | 23.08 | 22.97 | 23.70 |
| 1.4 | 64QAM  | 1 | 3 | 23.02 | 23.07 | 22.95 | 23.70 |
| 1.4 | 64QAM  | 1 | 5 | 22.91 | 23.14 | 22.95 | 23.70 |
| 1.4 | 64QAM  | 3 | 0 | 22.97 | 23.00 | 22.89 | 23.70 |
| 1.4 | 64QAM  | 3 | 1 | 22.83 | 23.01 | 22.84 | 23.70 |
| 1.4 | 64QAM  | 3 | 3 | 22.75 | 22.96 | 22.83 | 23.70 |
| 1.4 | 64QAM  | 6 | 0 | 21.85 | 21.96 | 21.84 | 22.70 |
| 1.4 | 256QAM | 1 | 0 | 19.86 | 20.02 | 19.96 | 20.70 |
| 1.4 | 256QAM | 1 | 3 | 19.97 | 19.99 | 19.89 | 20.70 |
| 1.4 | 256QAM | 1 | 5 | 19.86 | 20.00 | 19.87 | 20.70 |
| 1.4 | 256QAM | 3 | 0 | 19.83 | 19.95 | 19.76 | 20.70 |
| 1.4 | 256QAM | 3 | 1 | 19.94 | 19.91 | 19.78 | 20.70 |
| 1.4 | 256QAM | 3 | 3 | 19.68 | 19.83 | 19.77 | 20.70 |
| 1.4 | 256QAM | 6 | 0 | 19.86 | 19.94 | 19.79 | 20.70 |

## 【LTE Band 5\_Ant 0\_ECI3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.74                    | 24.79                       | 24.68                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.59                    | 24.71                       | 24.50                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.58                    | 24.66                       | 24.52                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.67                    | 23.72                       | 23.57                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.63                    | 23.71                       | 23.46                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.58                    | 23.69                       | 23.52                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.59                    | 23.71                       | 23.52                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.60                    | 23.78                       | 23.62                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.58                    | 23.68                       | 23.48                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.58                    | 23.67                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.56                    | 22.72                       | 22.58                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.59                    | 22.68                       | 22.49                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.52                    | 22.68                       | 22.43                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.53                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.58                    | 22.66                       | 22.43                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.53                    | 22.64                       | 22.45                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.62                    | 21.73                       | 21.61                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.59                    | 21.68                       | 21.56                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.61                    | 21.69                       | 21.51                     | 22.50                  |
| 10              | 64QAM      | 50      | 0         | 21.67                    | 21.73                       | 21.51                     | 22.50                  |
| 10              | 256QAM     | 1       | 0         | 19.47                    | 19.62                       | 19.46                     | 20.50                  |
| 10              | 256QAM     | 1       | 25        | 19.45                    | 19.56                       | 19.36                     | 20.50                  |
| 10              | 256QAM     | 1       | 49        | 19.38                    | 19.54                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 25      | 0         | 19.58                    | 19.69                       | 19.48                     | 20.50                  |
| 10              | 256QAM     | 25      | 12        | 19.52                    | 19.68                       | 19.49                     | 20.50                  |
| 10              | 256QAM     | 25      | 25        | 19.47                    | 19.64                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 50      | 0         | 19.58                    | 19.69                       | 19.47                     | 20.50                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.71                    | 24.72                       | 24.56                     | 25.50                  |
| 5               | QPSK       | 1       | 12        | 24.55                    | 24.66                       | 24.46                     | 25.50                  |
| 5               | QPSK       | 1       | 24        | 24.45                    | 24.56                       | 24.39                     | 25.50                  |
| 5               | QPSK       | 12      | 0         | 23.55                    | 23.67                       | 23.40                     | 24.50                  |
| 5               | QPSK       | 12      | 7         | 23.55                    | 23.68                       | 23.39                     | 24.50                  |
| 5               | QPSK       | 12      | 13        | 23.51                    | 23.65                       | 23.47                     | 24.50                  |
| 5               | QPSK       | 25      | 0         | 23.45                    | 23.63                       | 23.45                     | 24.50                  |
| 5               | 16QAM      | 1       | 0         | 23.52                    | 23.69                       | 23.55                     | 24.50                  |
| 5               | 16QAM      | 1       | 12        | 23.53                    | 23.53                       | 23.44                     | 24.50                  |
| 5               | 16QAM      | 1       | 24        | 23.43                    | 23.62                       | 23.37                     | 24.50                  |
| 5               | 16QAM      | 12      | 0         | 22.49                    | 22.68                       | 22.44                     | 23.50                  |
| 5               | 16QAM      | 12      | 7         | 22.58                    | 22.62                       | 22.48                     | 23.50                  |
| 5               | 16QAM      | 12      | 13        | 22.47                    | 22.58                       | 22.37                     | 23.50                  |
| 5               | 16QAM      | 25      | 0         | 22.45                    | 22.68                       | 22.51                     | 23.50                  |
| 5               | 64QAM      | 1       | 0         | 22.59                    | 22.67                       | 22.55                     | 23.50                  |
| 5               | 64QAM      | 1       | 12        | 22.45                    | 22.57                       | 22.34                     | 23.50                  |



# FCC SAR Test Report

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|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 5               | 64QAM  | 1  | 24 | 22.50 | 22.58 | 22.44 | 23.50                  |
| 5               | 64QAM  | 12 | 0  | 21.57 | 21.59 | 21.59 | 22.50                  |
| 5               | 64QAM  | 12 | 7  | 21.51 | 21.65 | 21.46 | 22.50                  |
| 5               | 64QAM  | 12 | 13 | 21.59 | 21.59 | 21.49 | 22.50                  |
| 5               | 64QAM  | 25 | 0  | 21.57 | 21.59 | 21.46 | 22.50                  |
| 5               | 256QAM | 1  | 0  | 19.38 | 19.48 | 19.34 | 20.50                  |
| 5               | 256QAM | 1  | 12 | 19.40 | 19.47 | 19.33 | 20.50                  |
| 5               | 256QAM | 1  | 24 | 19.27 | 19.52 | 19.33 | 20.50                  |
| 5               | 256QAM | 12 | 0  | 19.57 | 19.55 | 19.38 | 20.50                  |
| 5               | 256QAM | 12 | 7  | 19.39 | 19.66 | 19.47 | 20.50                  |
| 5               | 256QAM | 12 | 13 | 19.45 | 19.50 | 19.32 | 20.50                  |
| 5               | 256QAM | 25 | 0  | 19.49 | 19.68 | 19.44 | 20.50                  |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.70 | 24.74 | 24.63 | 25.50                  |
| 3               | QPSK   | 1  | 8  | 24.48 | 24.56 | 24.36 | 25.50                  |
| 3               | QPSK   | 1  | 14 | 24.52 | 24.55 | 24.44 | 25.50                  |
| 3               | QPSK   | 8  | 0  | 23.55 | 23.55 | 23.37 | 24.50                  |
| 3               | QPSK   | 8  | 4  | 23.61 | 23.68 | 23.40 | 24.50                  |
| 3               | QPSK   | 8  | 7  | 23.49 | 23.61 | 23.46 | 24.50                  |
| 3               | QPSK   | 15 | 0  | 23.48 | 23.65 | 23.44 | 24.50                  |
| 3               | 16QAM  | 1  | 0  | 23.56 | 23.75 | 23.49 | 24.50                  |
| 3               | 16QAM  | 1  | 8  | 23.45 | 23.56 | 23.46 | 24.50                  |
| 3               | 16QAM  | 1  | 14 | 23.55 | 23.55 | 23.39 | 24.50                  |
| 3               | 16QAM  | 8  | 0  | 22.43 | 22.58 | 22.49 | 23.50                  |
| 3               | 16QAM  | 8  | 4  | 22.50 | 22.67 | 22.48 | 23.50                  |
| 3               | 16QAM  | 8  | 7  | 22.38 | 22.57 | 22.29 | 23.50                  |
| 3               | 16QAM  | 15 | 0  | 22.40 | 22.61 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 0  | 22.56 | 22.68 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 8  | 22.49 | 22.58 | 22.30 | 23.50                  |
| 3               | 64QAM  | 1  | 14 | 22.38 | 22.56 | 22.40 | 23.50                  |
| 3               | 64QAM  | 8  | 0  | 21.50 | 21.60 | 21.58 | 22.50                  |
| 3               | 64QAM  | 8  | 4  | 21.54 | 21.58 | 21.43 | 22.50                  |
| 3               | 64QAM  | 8  | 7  | 21.58 | 21.62 | 21.44 | 22.50                  |
| 3               | 64QAM  | 15 | 0  | 21.62 | 21.61 | 21.38 | 22.50                  |
| 3               | 256QAM | 1  | 0  | 19.32 | 19.60 | 19.45 | 20.50                  |
| 3               | 256QAM | 1  | 8  | 19.32 | 19.51 | 19.33 | 20.50                  |
| 3               | 256QAM | 1  | 14 | 19.29 | 19.47 | 19.29 | 20.50                  |
| 3               | 256QAM | 8  | 0  | 19.48 | 19.55 | 19.38 | 20.50                  |
| 3               | 256QAM | 8  | 4  | 19.46 | 19.59 | 19.35 | 20.50                  |
| 3               | 256QAM | 8  | 7  | 19.43 | 19.60 | 19.38 | 20.50                  |
| 3               | 256QAM | 15 | 0  | 19.46 | 19.66 | 19.39 | 20.50                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.72 | 24.65 | 24.60 | 25.50                  |
| 1.4             | QPSK   | 1  | 3  | 24.53 | 24.66 | 24.43 | 25.50                  |
| 1.4             | QPSK   | 1  | 5  | 24.54 | 24.59 | 24.47 | 25.50                  |
| 1.4             | QPSK   | 3  | 0  | 24.59 | 24.60 | 24.42 | 25.50                  |
| 1.4             | QPSK   | 3  | 1  | 24.54 | 24.64 | 24.34 | 25.50                  |
| 1.4             | QPSK   | 3  | 3  | 24.49 | 24.56 | 24.49 | 25.50                  |
| 1.4             | QPSK   | 6  | 0  | 23.46 | 23.58 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 1  | 0  | 23.49 | 23.65 | 23.48 | 24.50                  |
| 1.4             | 16QAM  | 1  | 3  | 23.53 | 23.65 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 1  | 5  | 23.51 | 23.62 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 3  | 0  | 23.52 | 23.66 | 23.56 | 24.50                  |
| 1.4             | 16QAM  | 3  | 1  | 23.47 | 23.60 | 23.44 | 24.50                  |
| 1.4             | 16QAM  | 3  | 3  | 23.46 | 23.63 | 23.38 | 24.50                  |
| 1.4             | 16QAM  | 6  | 0  | 22.48 | 22.61 | 22.48 | 23.50                  |
| 1.4             | 64QAM  | 1  | 0  | 22.51 | 22.59 | 22.49 | 23.50                  |
| 1.4             | 64QAM  | 1  | 3  | 22.48 | 22.51 | 22.40 | 23.50                  |
| 1.4             | 64QAM  | 1  | 5  | 22.52 | 22.52 | 22.31 | 23.50                  |
| 1.4             | 64QAM  | 3  | 0  | 22.57 | 22.64 | 22.56 | 23.50                  |
| 1.4             | 64QAM  | 3  | 1  | 22.47 | 22.62 | 22.53 | 23.50                  |
| 1.4             | 64QAM  | 3  | 3  | 22.58 | 22.66 | 22.44 | 23.50                  |
| 1.4             | 64QAM  | 6  | 0  | 21.56 | 21.65 | 21.46 | 22.50                  |
| 1.4             | 256QAM | 1  | 0  | 19.44 | 19.53 | 19.38 | 20.50                  |
| 1.4             | 256QAM | 1  | 3  | 19.31 | 19.51 | 19.26 | 20.50                  |
| 1.4             | 256QAM | 1  | 5  | 19.30 | 19.51 | 19.37 | 20.50                  |
| 1.4             | 256QAM | 3  | 0  | 19.47 | 19.55 | 19.36 | 20.50                  |
| 1.4             | 256QAM | 3  | 1  | 19.39 | 19.64 | 19.43 | 20.50                  |
| 1.4             | 256QAM | 3  | 3  | 19.45 | 19.53 | 19.39 | 20.50                  |
| 1.4             | 256QAM | 6  | 0  | 19.49 | 19.67 | 19.41 | 20.50                  |



## 【LTE Band 5\_Ant 0\_ECI4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.61                    | 24.63                       | 24.59                     | 25.20                  |
| 10              | QPSK       | 1       | 25        | 24.33                    | 24.53                       | 24.36                     | 25.20                  |
| 10              | QPSK       | 1       | 49        | 24.35                    | 24.49                       | 24.38                     | 25.20                  |
| 10              | QPSK       | 25      | 0         | 23.94                    | 24.03                       | 23.95                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.89                    | 24.01                       | 23.86                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.93                    | 24.03                       | 23.83                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.98                    | 24.06                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.02                    | 24.17                       | 23.98                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.91                    | 24.07                       | 24.01                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 24.09                    | 24.21                       | 24.12                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.95                    | 23.06                       | 22.99                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.88                    | 23.02                       | 22.94                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.85                    | 23.00                       | 22.85                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 22.96                    | 23.05                       | 22.86                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.03                    | 23.19                       | 23.03                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 23.07                    | 23.12                       | 23.00                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 23.01                    | 23.16                       | 23.04                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 21.99                    | 22.06                       | 21.91                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 21.90                    | 22.03                       | 21.85                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 21.87                    | 22.02                       | 21.93                     | 22.70                  |
| 10              | 64QAM      | 50      | 0         | 21.99                    | 22.06                       | 21.98                     | 22.70                  |
| 10              | 256QAM     | 1       | 0         | 20.00                    | 20.09                       | 19.99                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 20.02                    | 20.08                       | 19.97                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.92                    | 20.07                       | 19.93                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.96                    | 20.01                       | 19.85                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 19.96                    | 20.01                       | 19.88                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.83                    | 19.98                       | 19.92                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.92                    | 20.02                       | 19.89                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.53                    | 24.54                       | 24.50                     | 25.20                  |
| 5               | QPSK       | 1       | 12        | 24.22                    | 24.51                       | 24.29                     | 25.20                  |
| 5               | QPSK       | 1       | 24        | 24.32                    | 24.41                       | 24.23                     | 25.20                  |
| 5               | QPSK       | 12      | 0         | 23.82                    | 23.93                       | 23.81                     | 24.70                  |
| 5               | QPSK       | 12      | 7         | 23.78                    | 23.93                       | 23.79                     | 24.70                  |
| 5               | QPSK       | 12      | 13        | 23.81                    | 23.96                       | 23.78                     | 24.70                  |
| 5               | QPSK       | 25      | 0         | 23.97                    | 24.05                       | 23.81                     | 24.70                  |
| 5               | 16QAM      | 1       | 0         | 23.99                    | 24.05                       | 23.87                     | 24.70                  |
| 5               | 16QAM      | 1       | 12        | 23.76                    | 23.92                       | 23.97                     | 24.70                  |
| 5               | 16QAM      | 1       | 24        | 23.96                    | 24.12                       | 24.04                     | 24.70                  |
| 5               | 16QAM      | 12      | 0         | 22.88                    | 22.93                       | 22.90                     | 23.70                  |
| 5               | 16QAM      | 12      | 7         | 22.83                    | 22.91                       | 22.91                     | 23.70                  |
| 5               | 16QAM      | 12      | 13        | 22.82                    | 22.98                       | 22.70                     | 23.70                  |
| 5               | 16QAM      | 25      | 0         | 22.90                    | 23.03                       | 22.83                     | 23.70                  |
| 5               | 64QAM      | 1       | 0         | 22.97                    | 23.15                       | 22.94                     | 23.70                  |
| 5               | 64QAM      | 1       | 12        | 23.04                    | 23.06                       | 22.93                     | 23.70                  |
| 5               | 64QAM      | 1       | 24        | 22.89                    | 23.02                       | 23.00                     | 23.70                  |
| 5               | 64QAM      | 12      | 0         | 21.89                    | 22.01                       | 21.81                     | 22.70                  |
| 5               | 64QAM      | 12      | 7         | 21.86                    | 21.93                       | 21.84                     | 22.70                  |
| 5               | 64QAM      | 12      | 13        | 21.82                    | 21.98                       | 21.82                     | 22.70                  |
| 5               | 64QAM      | 25      | 0         | 21.89                    | 22.02                       | 21.91                     | 22.70                  |
| 5               | 256QAM     | 1       | 0         | 19.87                    | 19.96                       | 19.86                     | 20.70                  |
| 5               | 256QAM     | 1       | 12        | 20.00                    | 19.96                       | 19.84                     | 20.70                  |
| 5               | 256QAM     | 1       | 24        | 19.85                    | 20.00                       | 19.84                     | 20.70                  |
| 5               | 256QAM     | 12      | 0         | 19.84                    | 19.97                       | 19.76                     | 20.70                  |
| 5               | 256QAM     | 12      | 7         | 19.93                    | 19.95                       | 19.78                     | 20.70                  |
| 5               | 256QAM     | 12      | 13        | 19.75                    | 19.93                       | 19.80                     | 20.70                  |
| 5               | 256QAM     | 25      | 0         | 19.81                    | 19.91                       | 19.88                     | 20.70                  |
| Channel         |            |         |           | 20415                    | 20525                       | 20635                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 825.5                    | 836.5                       | 847.5                     |                        |
| 3               | QPSK       | 1       | 0         | 24.55                    | 24.49                       | 24.49                     | 25.20                  |
| 3               | QPSK       | 1       | 8         | 24.21                    | 24.46                       | 24.22                     | 25.20                  |
| 3               | QPSK       | 1       | 14        | 24.29                    | 24.48                       | 24.26                     | 25.20                  |
| 3               | QPSK       | 8       | 0         | 23.84                    | 23.88                       | 23.88                     | 24.70                  |
| 3               | QPSK       | 8       | 4         | 23.84                    | 23.92                       | 23.76                     | 24.70                  |
| 3               | QPSK       | 8       | 7         | 23.83                    | 23.89                       | 23.77                     | 24.70                  |
| 3               | QPSK       | 15      | 0         | 23.95                    | 23.93                       | 23.89                     | 24.70                  |
| 3               | 16QAM      | 1       | 0         | 23.93                    | 24.10                       | 23.91                     | 24.70                  |
| 3               | 16QAM      | 1       | 8         | 23.78                    | 23.94                       | 23.97                     | 24.70                  |
| 3               | 16QAM      | 1       | 14        | 23.97                    | 24.07                       | 24.05                     | 24.70                  |
| 3               | 16QAM      | 8       | 0         | 22.91                    | 23.01                       | 22.93                     | 23.70                  |
| 3               | 16QAM      | 8       | 4         | 22.80                    | 22.95                       | 22.89                     | 23.70                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 7  | 22.77 | 22.95 | 22.72 | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.82 | 22.90 | 22.82 | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.98 | 23.05 | 22.99 | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 23.04 | 23.02 | 22.96 | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.95 | 23.06 | 23.01 | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.85 | 22.01 | 21.87 | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.88 | 21.95 | 21.74 | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.81 | 21.89 | 21.84 | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.90 | 22.05 | 21.93 | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.95 | 20.01 | 19.96 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.96 | 19.94 | 19.84 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.82 | 19.94 | 19.83 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.89 | 19.93 | 19.78 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.91 | 19.99 | 19.84 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.90 | 19.80 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.84 | 19.91 | 19.81 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.53 | 24.56 | 24.53 | 25.20                  |
| 1.4             | QPSK   | 1  | 3  | 24.20 | 24.48 | 24.28 | 25.20                  |
| 1.4             | QPSK   | 1  | 5  | 24.29 | 24.37 | 24.23 | 25.20                  |
| 1.4             | QPSK   | 3  | 0  | 24.32 | 24.45 | 24.39 | 25.20                  |
| 1.4             | QPSK   | 3  | 1  | 24.29 | 24.46 | 24.24 | 25.20                  |
| 1.4             | QPSK   | 3  | 3  | 24.39 | 24.42 | 24.25 | 25.20                  |
| 1.4             | QPSK   | 6  | 0  | 23.93 | 23.93 | 23.89 | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.89 | 24.11 | 23.95 | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.82 | 23.95 | 23.90 | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 24.08 | 24.15 | 24.08 | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.93 | 23.95 | 23.88 | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.85 | 23.88 | 23.86 | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.72 | 23.96 | 23.81 | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.92 | 22.98 | 22.73 | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.93 | 23.08 | 22.97 | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 23.02 | 23.07 | 22.95 | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.91 | 23.14 | 22.95 | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.97 | 23.00 | 22.89 | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.83 | 23.01 | 22.84 | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.75 | 22.96 | 22.83 | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.85 | 21.96 | 21.84 | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.86 | 20.02 | 19.96 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.97 | 19.99 | 19.89 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.86 | 20.00 | 19.87 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.83 | 19.95 | 19.76 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.94 | 19.91 | 19.78 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.68 | 19.83 | 19.77 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.86 | 19.94 | 19.79 | 20.70                  |

**【LTE Band 5\_Ant 0\_ECI4-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.74                    | 24.79                       | 24.68                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.59                    | 24.71                       | 24.50                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.58                    | 24.66                       | 24.52                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.67                    | 23.72                       | 23.57                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.63                    | 23.71                       | 23.46                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.58                    | 23.69                       | 23.52                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.59                    | 23.71                       | 23.52                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.60                    | 23.78                       | 23.62                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.58                    | 23.68                       | 23.48                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.58                    | 23.67                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.56                    | 22.72                       | 22.58                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.59                    | 22.68                       | 22.49                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.52                    | 22.68                       | 22.43                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.53                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.58                    | 22.66                       | 22.43                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.53                    | 22.64                       | 22.45                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.62                    | 21.73                       | 21.61                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.59                    | 21.68                       | 21.56                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.61                    | 21.69                       | 21.51                     | 22.50                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 50 | 0  | 21.67 | 21.73 | 21.51 | 22.50         |
| 10              | 256QAM | 1  | 0  | 19.47 | 19.62 | 19.46 | 20.50         |
| 10              | 256QAM | 1  | 25 | 19.45 | 19.56 | 19.36 | 20.50         |
| 10              | 256QAM | 1  | 49 | 19.38 | 19.54 | 19.42 | 20.50         |
| 10              | 256QAM | 25 | 0  | 19.58 | 19.69 | 19.48 | 20.50         |
| 10              | 256QAM | 25 | 12 | 19.52 | 19.68 | 19.49 | 20.50         |
| 10              | 256QAM | 25 | 25 | 19.47 | 19.64 | 19.42 | 20.50         |
| 10              | 256QAM | 50 | 0  | 19.58 | 19.69 | 19.47 | 20.50         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.71 | 24.72 | 24.56 | 25.50         |
| 5               | QPSK   | 1  | 12 | 24.55 | 24.66 | 24.46 | 25.50         |
| 5               | QPSK   | 1  | 24 | 24.45 | 24.56 | 24.39 | 25.50         |
| 5               | QPSK   | 12 | 0  | 23.55 | 23.67 | 23.40 | 24.50         |
| 5               | QPSK   | 12 | 7  | 23.55 | 23.68 | 23.39 | 24.50         |
| 5               | QPSK   | 12 | 13 | 23.51 | 23.65 | 23.47 | 24.50         |
| 5               | QPSK   | 25 | 0  | 23.45 | 23.63 | 23.45 | 24.50         |
| 5               | 16QAM  | 1  | 0  | 23.52 | 23.69 | 23.55 | 24.50         |
| 5               | 16QAM  | 1  | 12 | 23.53 | 23.53 | 23.44 | 24.50         |
| 5               | 16QAM  | 1  | 24 | 23.43 | 23.62 | 23.37 | 24.50         |
| 5               | 16QAM  | 12 | 0  | 22.49 | 22.68 | 22.44 | 23.50         |
| 5               | 16QAM  | 12 | 7  | 22.58 | 22.62 | 22.48 | 23.50         |
| 5               | 16QAM  | 12 | 13 | 22.47 | 22.58 | 22.37 | 23.50         |
| 5               | 16QAM  | 25 | 0  | 22.45 | 22.68 | 22.51 | 23.50         |
| 5               | 64QAM  | 1  | 0  | 22.59 | 22.67 | 22.55 | 23.50         |
| 5               | 64QAM  | 1  | 12 | 22.45 | 22.57 | 22.34 | 23.50         |
| 5               | 64QAM  | 1  | 24 | 22.50 | 22.58 | 22.44 | 23.50         |
| 5               | 64QAM  | 12 | 0  | 21.57 | 21.59 | 21.59 | 22.50         |
| 5               | 64QAM  | 12 | 7  | 21.51 | 21.65 | 21.46 | 22.50         |
| 5               | 64QAM  | 12 | 13 | 21.59 | 21.59 | 21.49 | 22.50         |
| 5               | 64QAM  | 25 | 0  | 21.57 | 21.59 | 21.46 | 22.50         |
| 5               | 256QAM | 1  | 0  | 19.38 | 19.48 | 19.34 | 20.50         |
| 5               | 256QAM | 1  | 12 | 19.40 | 19.47 | 19.33 | 20.50         |
| 5               | 256QAM | 1  | 24 | 19.27 | 19.52 | 19.33 | 20.50         |
| 5               | 256QAM | 12 | 0  | 19.57 | 19.55 | 19.38 | 20.50         |
| 5               | 256QAM | 12 | 7  | 19.39 | 19.66 | 19.47 | 20.50         |
| 5               | 256QAM | 12 | 13 | 19.45 | 19.50 | 19.32 | 20.50         |
| 5               | 256QAM | 25 | 0  | 19.49 | 19.68 | 19.44 | 20.50         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 24.70 | 24.74 | 24.63 | 25.50         |
| 3               | QPSK   | 1  | 8  | 24.48 | 24.56 | 24.36 | 25.50         |
| 3               | QPSK   | 1  | 14 | 24.52 | 24.55 | 24.44 | 25.50         |
| 3               | QPSK   | 8  | 0  | 23.55 | 23.55 | 23.37 | 24.50         |
| 3               | QPSK   | 8  | 4  | 23.61 | 23.68 | 23.40 | 24.50         |
| 3               | QPSK   | 8  | 7  | 23.49 | 23.61 | 23.46 | 24.50         |
| 3               | QPSK   | 15 | 0  | 23.48 | 23.65 | 23.44 | 24.50         |
| 3               | 16QAM  | 1  | 0  | 23.56 | 23.75 | 23.49 | 24.50         |
| 3               | 16QAM  | 1  | 8  | 23.45 | 23.56 | 23.46 | 24.50         |
| 3               | 16QAM  | 1  | 14 | 23.55 | 23.55 | 23.39 | 24.50         |
| 3               | 16QAM  | 8  | 0  | 22.43 | 22.58 | 22.49 | 23.50         |
| 3               | 16QAM  | 8  | 4  | 22.50 | 22.67 | 22.48 | 23.50         |
| 3               | 16QAM  | 8  | 7  | 22.38 | 22.57 | 22.29 | 23.50         |
| 3               | 16QAM  | 15 | 0  | 22.40 | 22.61 | 22.50 | 23.50         |
| 3               | 64QAM  | 1  | 0  | 22.56 | 22.68 | 22.50 | 23.50         |
| 3               | 64QAM  | 1  | 8  | 22.49 | 22.58 | 22.30 | 23.50         |
| 3               | 64QAM  | 1  | 14 | 22.38 | 22.56 | 22.40 | 23.50         |
| 3               | 64QAM  | 8  | 0  | 21.50 | 21.60 | 21.58 | 22.50         |
| 3               | 64QAM  | 8  | 4  | 21.54 | 21.58 | 21.43 | 22.50         |
| 3               | 64QAM  | 8  | 7  | 21.58 | 21.62 | 21.44 | 22.50         |
| 3               | 64QAM  | 15 | 0  | 21.62 | 21.61 | 21.38 | 22.50         |
| 3               | 256QAM | 1  | 0  | 19.32 | 19.60 | 19.45 | 20.50         |
| 3               | 256QAM | 1  | 8  | 19.32 | 19.51 | 19.33 | 20.50         |
| 3               | 256QAM | 1  | 14 | 19.29 | 19.47 | 19.29 | 20.50         |
| 3               | 256QAM | 8  | 0  | 19.48 | 19.55 | 19.38 | 20.50         |
| 3               | 256QAM | 8  | 4  | 19.46 | 19.59 | 19.35 | 20.50         |
| 3               | 256QAM | 8  | 7  | 19.43 | 19.60 | 19.38 | 20.50         |
| 3               | 256QAM | 15 | 0  | 19.46 | 19.66 | 19.39 | 20.50         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 24.72 | 24.65 | 24.60 | 25.50         |
| 1.4             | QPSK   | 1  | 3  | 24.53 | 24.66 | 24.43 | 25.50         |
| 1.4             | QPSK   | 1  | 5  | 24.54 | 24.59 | 24.47 | 25.50         |
| 1.4             | QPSK   | 3  | 0  | 24.59 | 24.60 | 24.42 | 25.50         |
| 1.4             | QPSK   | 3  | 1  | 24.54 | 24.64 | 24.34 | 25.50         |
| 1.4             | QPSK   | 3  | 3  | 24.49 | 24.56 | 24.49 | 25.50         |
| 1.4             | QPSK   | 6  | 0  | 23.46 | 23.58 | 23.42 | 24.50         |
| 1.4             | 16QAM  | 1  | 0  | 23.49 | 23.65 | 23.48 | 24.50         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 3 | 23.53 | 23.65 | 23.42 | 24.50 |
| 1.4 | 16QAM  | 1 | 5 | 23.51 | 23.62 | 23.42 | 24.50 |
| 1.4 | 16QAM  | 3 | 0 | 23.52 | 23.66 | 23.56 | 24.50 |
| 1.4 | 16QAM  | 3 | 1 | 23.47 | 23.60 | 23.44 | 24.50 |
| 1.4 | 16QAM  | 3 | 3 | 23.46 | 23.63 | 23.38 | 24.50 |
| 1.4 | 16QAM  | 6 | 0 | 22.48 | 22.61 | 22.48 | 23.50 |
| 1.4 | 64QAM  | 1 | 0 | 22.51 | 22.59 | 22.49 | 23.50 |
| 1.4 | 64QAM  | 1 | 3 | 22.48 | 22.51 | 22.40 | 23.50 |
| 1.4 | 64QAM  | 1 | 5 | 22.52 | 22.52 | 22.31 | 23.50 |
| 1.4 | 64QAM  | 3 | 0 | 22.57 | 22.64 | 22.56 | 23.50 |
| 1.4 | 64QAM  | 3 | 1 | 22.47 | 22.62 | 22.53 | 23.50 |
| 1.4 | 64QAM  | 3 | 3 | 22.58 | 22.66 | 22.44 | 23.50 |
| 1.4 | 64QAM  | 6 | 0 | 21.56 | 21.65 | 21.46 | 22.50 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.53 | 19.38 | 20.50 |
| 1.4 | 256QAM | 1 | 3 | 19.31 | 19.51 | 19.26 | 20.50 |
| 1.4 | 256QAM | 1 | 5 | 19.30 | 19.51 | 19.37 | 20.50 |
| 1.4 | 256QAM | 3 | 0 | 19.47 | 19.55 | 19.36 | 20.50 |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.64 | 19.43 | 20.50 |
| 1.4 | 256QAM | 3 | 3 | 19.45 | 19.53 | 19.39 | 20.50 |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.67 | 19.41 | 20.50 |

## 【LTE Band 5\_Ant 0\_ECI5】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.61                    | 24.63                       | 24.59                     | 25.20                  |
| 10              | QPSK       | 1       | 25        | 24.33                    | 24.53                       | 24.36                     | 25.20                  |
| 10              | QPSK       | 1       | 49        | 24.35                    | 24.49                       | 24.38                     | 25.20                  |
| 10              | QPSK       | 25      | 0         | 23.94                    | 24.03                       | 23.95                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.89                    | 24.01                       | 23.86                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.93                    | 24.03                       | 23.83                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.98                    | 24.06                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.02                    | 24.17                       | 23.98                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.91                    | 24.07                       | 24.01                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 24.09                    | 24.21                       | 24.12                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.95                    | 23.06                       | 22.99                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.88                    | 23.02                       | 22.94                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.85                    | 23.00                       | 22.85                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 22.96                    | 23.05                       | 22.86                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.03                    | 23.19                       | 23.03                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 23.07                    | 23.12                       | 23.00                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 23.01                    | 23.16                       | 23.04                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 21.99                    | 22.06                       | 21.91                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 21.90                    | 22.03                       | 21.85                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 21.87                    | 22.02                       | 21.93                     | 22.70                  |
| 10              | 64QAM      | 50      | 0         | 21.99                    | 22.06                       | 21.98                     | 22.70                  |
| 10              | 256QAM     | 1       | 0         | 20.00                    | 20.09                       | 19.99                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 20.02                    | 20.08                       | 19.97                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.92                    | 20.07                       | 19.93                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.96                    | 20.01                       | 19.85                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 19.96                    | 20.01                       | 19.88                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.83                    | 19.98                       | 19.92                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.92                    | 20.02                       | 19.89                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.53                    | 24.54                       | 24.50                     | 25.20                  |
| 5               | QPSK       | 1       | 12        | 24.22                    | 24.51                       | 24.29                     | 25.20                  |
| 5               | QPSK       | 1       | 24        | 24.32                    | 24.41                       | 24.23                     | 25.20                  |
| 5               | QPSK       | 12      | 0         | 23.82                    | 23.93                       | 23.81                     | 24.70                  |
| 5               | QPSK       | 12      | 7         | 23.78                    | 23.93                       | 23.79                     | 24.70                  |
| 5               | QPSK       | 12      | 13        | 23.81                    | 23.96                       | 23.78                     | 24.70                  |
| 5               | QPSK       | 25      | 0         | 23.97                    | 24.05                       | 23.81                     | 24.70                  |
| 5               | 16QAM      | 1       | 0         | 23.99                    | 24.05                       | 23.87                     | 24.70                  |
| 5               | 16QAM      | 1       | 12        | 23.76                    | 23.92                       | 23.97                     | 24.70                  |
| 5               | 16QAM      | 1       | 24        | 23.96                    | 24.12                       | 24.04                     | 24.70                  |
| 5               | 16QAM      | 12      | 0         | 22.88                    | 22.93                       | 22.90                     | 23.70                  |
| 5               | 16QAM      | 12      | 7         | 22.83                    | 22.91                       | 22.91                     | 23.70                  |
| 5               | 16QAM      | 12      | 13        | 22.82                    | 22.98                       | 22.70                     | 23.70                  |
| 5               | 16QAM      | 25      | 0         | 22.90                    | 23.03                       | 22.83                     | 23.70                  |
| 5               | 64QAM      | 1       | 0         | 22.97                    | 23.15                       | 22.94                     | 23.70                  |
| 5               | 64QAM      | 1       | 12        | 23.04                    | 23.06                       | 22.93                     | 23.70                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 5               | 64QAM  | 1  | 24 | 22.89 | 23.02 | 23.00 | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.89 | 22.01 | 21.81 | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 21.86 | 21.93 | 21.84 | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.82 | 21.98 | 21.82 | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 21.89 | 22.02 | 21.91 | 22.70                  |
| 5               | 256QAM | 1  | 0  | 19.87 | 19.96 | 19.86 | 20.70                  |
| 5               | 256QAM | 1  | 12 | 20.00 | 19.96 | 19.84 | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.85 | 20.00 | 19.84 | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.84 | 19.97 | 19.76 | 20.70                  |
| 5               | 256QAM | 12 | 7  | 19.93 | 19.95 | 19.78 | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.75 | 19.93 | 19.80 | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.81 | 19.91 | 19.88 | 20.70                  |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.55 | 24.49 | 24.49 | 25.20                  |
| 3               | QPSK   | 1  | 8  | 24.21 | 24.46 | 24.22 | 25.20                  |
| 3               | QPSK   | 1  | 14 | 24.29 | 24.48 | 24.26 | 25.20                  |
| 3               | QPSK   | 8  | 0  | 23.84 | 23.88 | 23.88 | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.84 | 23.92 | 23.76 | 24.70                  |
| 3               | QPSK   | 8  | 7  | 23.83 | 23.89 | 23.77 | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.95 | 23.93 | 23.89 | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.93 | 24.10 | 23.91 | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.78 | 23.94 | 23.97 | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.97 | 24.07 | 24.05 | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.91 | 23.01 | 22.93 | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.80 | 22.95 | 22.89 | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.77 | 22.95 | 22.72 | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.82 | 22.90 | 22.82 | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.98 | 23.05 | 22.99 | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 23.04 | 23.02 | 22.96 | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.95 | 23.06 | 23.01 | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.85 | 22.01 | 21.87 | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.88 | 21.95 | 21.74 | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 21.81 | 21.89 | 21.84 | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.90 | 22.05 | 21.93 | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.95 | 20.01 | 19.96 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.96 | 19.94 | 19.84 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.82 | 19.94 | 19.83 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.89 | 19.93 | 19.78 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.91 | 19.99 | 19.84 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.90 | 19.80 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.84 | 19.91 | 19.81 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.53 | 24.56 | 24.53 | 25.20                  |
| 1.4             | QPSK   | 1  | 3  | 24.20 | 24.48 | 24.28 | 25.20                  |
| 1.4             | QPSK   | 1  | 5  | 24.29 | 24.37 | 24.23 | 25.20                  |
| 1.4             | QPSK   | 3  | 0  | 24.32 | 24.45 | 24.39 | 25.20                  |
| 1.4             | QPSK   | 3  | 1  | 24.29 | 24.46 | 24.24 | 25.20                  |
| 1.4             | QPSK   | 3  | 3  | 24.39 | 24.42 | 24.25 | 25.20                  |
| 1.4             | QPSK   | 6  | 0  | 23.93 | 23.93 | 23.89 | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.89 | 24.11 | 23.95 | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.82 | 23.95 | 23.90 | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 24.08 | 24.15 | 24.08 | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.93 | 23.95 | 23.88 | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.85 | 23.88 | 23.86 | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.72 | 23.96 | 23.81 | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.92 | 22.98 | 22.73 | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.93 | 23.08 | 22.97 | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 23.02 | 23.07 | 22.95 | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.91 | 23.14 | 22.95 | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.97 | 23.00 | 22.89 | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.83 | 23.01 | 22.84 | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.75 | 22.96 | 22.83 | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.85 | 21.96 | 21.84 | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.86 | 20.02 | 19.96 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.97 | 19.99 | 19.89 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.86 | 20.00 | 19.87 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.83 | 19.95 | 19.76 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.94 | 19.91 | 19.78 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.68 | 19.83 | 19.77 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.86 | 19.94 | 19.79 | 20.70                  |



【LTE Band 5\_Ant 0\_ECI5-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 24.74                    | 24.79                       | 24.68                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.59                    | 24.71                       | 24.50                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.58                    | 24.66                       | 24.52                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.67                    | 23.72                       | 23.57                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.63                    | 23.71                       | 23.46                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.58                    | 23.69                       | 23.52                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.59                    | 23.71                       | 23.52                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.60                    | 23.78                       | 23.62                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.58                    | 23.68                       | 23.48                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.58                    | 23.67                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.56                    | 22.72                       | 22.58                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.59                    | 22.68                       | 22.49                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.52                    | 22.68                       | 22.43                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.53                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.56                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.58                    | 22.66                       | 22.43                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.53                    | 22.64                       | 22.45                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.62                    | 21.73                       | 21.61                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.59                    | 21.68                       | 21.56                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.61                    | 21.69                       | 21.51                     | 22.50                  |
| 10              | 64QAM      | 50      | 0         | 21.67                    | 21.73                       | 21.51                     | 22.50                  |
| 10              | 256QAM     | 1       | 0         | 19.47                    | 19.62                       | 19.46                     | 20.50                  |
| 10              | 256QAM     | 1       | 25        | 19.45                    | 19.56                       | 19.36                     | 20.50                  |
| 10              | 256QAM     | 1       | 49        | 19.38                    | 19.54                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 25      | 0         | 19.58                    | 19.69                       | 19.48                     | 20.50                  |
| 10              | 256QAM     | 25      | 12        | 19.52                    | 19.68                       | 19.49                     | 20.50                  |
| 10              | 256QAM     | 25      | 25        | 19.47                    | 19.64                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 50      | 0         | 19.58                    | 19.69                       | 19.47                     | 20.50                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.71                    | 24.72                       | 24.56                     | 25.50                  |
| 5               | QPSK       | 1       | 12        | 24.55                    | 24.66                       | 24.46                     | 25.50                  |
| 5               | QPSK       | 1       | 24        | 24.45                    | 24.56                       | 24.39                     | 25.50                  |
| 5               | QPSK       | 12      | 0         | 23.55                    | 23.67                       | 23.40                     | 24.50                  |
| 5               | QPSK       | 12      | 7         | 23.55                    | 23.68                       | 23.39                     | 24.50                  |
| 5               | QPSK       | 12      | 13        | 23.51                    | 23.65                       | 23.47                     | 24.50                  |
| 5               | QPSK       | 25      | 0         | 23.45                    | 23.63                       | 23.45                     | 24.50                  |
| 5               | 16QAM      | 1       | 0         | 23.52                    | 23.69                       | 23.55                     | 24.50                  |
| 5               | 16QAM      | 1       | 12        | 23.53                    | 23.53                       | 23.44                     | 24.50                  |
| 5               | 16QAM      | 1       | 24        | 23.43                    | 23.62                       | 23.37                     | 24.50                  |
| 5               | 16QAM      | 12      | 0         | 22.49                    | 22.68                       | 22.44                     | 23.50                  |
| 5               | 16QAM      | 12      | 7         | 22.58                    | 22.62                       | 22.48                     | 23.50                  |
| 5               | 16QAM      | 12      | 13        | 22.47                    | 22.58                       | 22.37                     | 23.50                  |
| 5               | 16QAM      | 25      | 0         | 22.45                    | 22.68                       | 22.51                     | 23.50                  |
| 5               | 64QAM      | 1       | 0         | 22.59                    | 22.67                       | 22.55                     | 23.50                  |
| 5               | 64QAM      | 1       | 12        | 22.45                    | 22.57                       | 22.34                     | 23.50                  |
| 5               | 64QAM      | 1       | 24        | 22.50                    | 22.58                       | 22.44                     | 23.50                  |
| 5               | 64QAM      | 12      | 0         | 21.57                    | 21.59                       | 21.59                     | 22.50                  |
| 5               | 64QAM      | 12      | 7         | 21.51                    | 21.65                       | 21.46                     | 22.50                  |
| 5               | 64QAM      | 12      | 13        | 21.59                    | 21.59                       | 21.49                     | 22.50                  |
| 5               | 64QAM      | 25      | 0         | 21.57                    | 21.59                       | 21.46                     | 22.50                  |
| 5               | 256QAM     | 1       | 0         | 19.38                    | 19.48                       | 19.34                     | 20.50                  |
| 5               | 256QAM     | 1       | 12        | 19.40                    | 19.47                       | 19.33                     | 20.50                  |
| 5               | 256QAM     | 1       | 24        | 19.27                    | 19.52                       | 19.33                     | 20.50                  |
| 5               | 256QAM     | 12      | 0         | 19.57                    | 19.55                       | 19.38                     | 20.50                  |
| 5               | 256QAM     | 12      | 7         | 19.39                    | 19.66                       | 19.47                     | 20.50                  |
| 5               | 256QAM     | 12      | 13        | 19.45                    | 19.50                       | 19.32                     | 20.50                  |
| 5               | 256QAM     | 25      | 0         | 19.49                    | 19.68                       | 19.44                     | 20.50                  |
| Channel         |            |         |           | 20415                    | 20525                       | 20635                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 825.5                    | 836.5                       | 847.5                     |                        |
| 3               | QPSK       | 1       | 0         | 24.70                    | 24.74                       | 24.63                     | 25.50                  |
| 3               | QPSK       | 1       | 8         | 24.48                    | 24.56                       | 24.36                     | 25.50                  |
| 3               | QPSK       | 1       | 14        | 24.52                    | 24.55                       | 24.44                     | 25.50                  |
| 3               | QPSK       | 8       | 0         | 23.55                    | 23.55                       | 23.37                     | 24.50                  |
| 3               | QPSK       | 8       | 4         | 23.61                    | 23.68                       | 23.40                     | 24.50                  |
| 3               | QPSK       | 8       | 7         | 23.49                    | 23.61                       | 23.46                     | 24.50                  |
| 3               | QPSK       | 15      | 0         | 23.48                    | 23.65                       | 23.44                     | 24.50                  |
| 3               | 16QAM      | 1       | 0         | 23.56                    | 23.75                       | 23.49                     | 24.50                  |
| 3               | 16QAM      | 1       | 8         | 23.45                    | 23.56                       | 23.46                     | 24.50                  |
| 3               | 16QAM      | 1       | 14        | 23.55                    | 23.55                       | 23.39                     | 24.50                  |
| 3               | 16QAM      | 8       | 0         | 22.43                    | 22.58                       | 22.49                     | 23.50                  |
| 3               | 16QAM      | 8       | 4         | 22.50                    | 22.67                       | 22.48                     | 23.50                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 7  | 22.38 | 22.57 | 22.29 | 23.50                  |
| 3               | 16QAM  | 15 | 0  | 22.40 | 22.61 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 0  | 22.56 | 22.68 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 8  | 22.49 | 22.58 | 22.30 | 23.50                  |
| 3               | 64QAM  | 1  | 14 | 22.38 | 22.56 | 22.40 | 23.50                  |
| 3               | 64QAM  | 8  | 0  | 21.50 | 21.60 | 21.58 | 22.50                  |
| 3               | 64QAM  | 8  | 4  | 21.54 | 21.58 | 21.43 | 22.50                  |
| 3               | 64QAM  | 8  | 7  | 21.58 | 21.62 | 21.44 | 22.50                  |
| 3               | 64QAM  | 15 | 0  | 21.62 | 21.61 | 21.38 | 22.50                  |
| 3               | 256QAM | 1  | 0  | 19.32 | 19.60 | 19.45 | 20.50                  |
| 3               | 256QAM | 1  | 8  | 19.32 | 19.51 | 19.33 | 20.50                  |
| 3               | 256QAM | 1  | 14 | 19.29 | 19.47 | 19.29 | 20.50                  |
| 3               | 256QAM | 8  | 0  | 19.48 | 19.55 | 19.38 | 20.50                  |
| 3               | 256QAM | 8  | 4  | 19.46 | 19.59 | 19.35 | 20.50                  |
| 3               | 256QAM | 8  | 7  | 19.43 | 19.60 | 19.38 | 20.50                  |
| 3               | 256QAM | 15 | 0  | 19.46 | 19.66 | 19.39 | 20.50                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.72 | 24.65 | 24.60 | 25.50                  |
| 1.4             | QPSK   | 1  | 3  | 24.53 | 24.66 | 24.43 | 25.50                  |
| 1.4             | QPSK   | 1  | 5  | 24.54 | 24.59 | 24.47 | 25.50                  |
| 1.4             | QPSK   | 3  | 0  | 24.59 | 24.60 | 24.42 | 25.50                  |
| 1.4             | QPSK   | 3  | 1  | 24.54 | 24.64 | 24.34 | 25.50                  |
| 1.4             | QPSK   | 3  | 3  | 24.49 | 24.56 | 24.49 | 25.50                  |
| 1.4             | QPSK   | 6  | 0  | 23.46 | 23.58 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 1  | 0  | 23.49 | 23.65 | 23.48 | 24.50                  |
| 1.4             | 16QAM  | 1  | 3  | 23.53 | 23.65 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 1  | 5  | 23.51 | 23.62 | 23.42 | 24.50                  |
| 1.4             | 16QAM  | 3  | 0  | 23.52 | 23.66 | 23.56 | 24.50                  |
| 1.4             | 16QAM  | 3  | 1  | 23.47 | 23.60 | 23.44 | 24.50                  |
| 1.4             | 16QAM  | 3  | 3  | 23.46 | 23.63 | 23.38 | 24.50                  |
| 1.4             | 16QAM  | 6  | 0  | 22.48 | 22.61 | 22.48 | 23.50                  |
| 1.4             | 64QAM  | 1  | 0  | 22.51 | 22.59 | 22.49 | 23.50                  |
| 1.4             | 64QAM  | 1  | 3  | 22.48 | 22.51 | 22.40 | 23.50                  |
| 1.4             | 64QAM  | 1  | 5  | 22.52 | 22.52 | 22.31 | 23.50                  |
| 1.4             | 64QAM  | 3  | 0  | 22.57 | 22.64 | 22.56 | 23.50                  |
| 1.4             | 64QAM  | 3  | 1  | 22.47 | 22.62 | 22.53 | 23.50                  |
| 1.4             | 64QAM  | 3  | 3  | 22.58 | 22.66 | 22.44 | 23.50                  |
| 1.4             | 64QAM  | 6  | 0  | 21.56 | 21.65 | 21.46 | 22.50                  |
| 1.4             | 256QAM | 1  | 0  | 19.44 | 19.53 | 19.38 | 20.50                  |
| 1.4             | 256QAM | 1  | 3  | 19.31 | 19.51 | 19.26 | 20.50                  |
| 1.4             | 256QAM | 1  | 5  | 19.30 | 19.51 | 19.37 | 20.50                  |
| 1.4             | 256QAM | 3  | 0  | 19.47 | 19.55 | 19.36 | 20.50                  |
| 1.4             | 256QAM | 3  | 1  | 19.39 | 19.64 | 19.43 | 20.50                  |
| 1.4             | 256QAM | 3  | 3  | 19.45 | 19.53 | 19.39 | 20.50                  |
| 1.4             | 256QAM | 6  | 0  | 19.49 | 19.67 | 19.41 | 20.50                  |

**【LTE Band 5\_Ant 1\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.05                    | 25.10                       | 25.06                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.83                    | 25.00                       | 24.89                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.90                    | 25.04                       | 24.92                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 24.01                    | 24.08                       | 24.05                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.96                    | 24.05                       | 23.94                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.84                    | 24.02                       | 23.92                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.98                    | 24.09                       | 23.93                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.06                    | 24.21                       | 24.04                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 24.01                    | 24.17                       | 24.02                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 24.15                    | 24.22                       | 24.10                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 23.05                    | 23.12                       | 23.01                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.96                    | 23.10                       | 22.98                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.92                    | 23.04                       | 22.95                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 22.96                    | 23.09                       | 22.94                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.12                    | 23.20                       | 23.14                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 23.03                    | 23.18                       | 23.08                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 23.12                    | 23.21                       | 23.15                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 22.01                    | 22.08                       | 21.97                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 21.91                    | 22.06                       | 21.91                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 21.90                    | 22.03                       | 21.88                     | 22.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 50 | 0  | 21.97 | 22.06 | 21.99 | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.99 | 20.14 | 20.10 | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.99 | 20.17 | 20.12 | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.96 | 20.14 | 20.00 | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.89 | 20.04 | 19.91 | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.89 | 20.02 | 19.92 | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.86 | 20.01 | 19.93 | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.85 | 20.04 | 19.89 | 20.70         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.97 | 25.01 | 25.05 | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.84 | 24.92 | 24.82 | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.87 | 24.93 | 24.94 | 25.70         |
| 5               | QPSK   | 12 | 0  | 24.00 | 24.14 | 23.86 | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.95 | 23.99 | 23.93 | 24.70         |
| 5               | QPSK   | 12 | 13 | 24.04 | 24.06 | 24.04 | 24.70         |
| 5               | QPSK   | 25 | 0  | 23.93 | 24.09 | 23.97 | 24.70         |
| 5               | 16QAM  | 1  | 0  | 24.21 | 24.29 | 24.32 | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.93 | 24.03 | 23.99 | 24.70         |
| 5               | 16QAM  | 1  | 24 | 24.15 | 24.29 | 24.29 | 24.70         |
| 5               | 16QAM  | 12 | 0  | 23.06 | 22.98 | 22.95 | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.92 | 22.94 | 22.88 | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.94 | 22.90 | 22.84 | 23.70         |
| 5               | 16QAM  | 25 | 0  | 22.98 | 22.99 | 23.01 | 23.70         |
| 5               | 64QAM  | 1  | 0  | 23.11 | 23.29 | 23.20 | 23.70         |
| 5               | 64QAM  | 1  | 12 | 23.08 | 23.20 | 23.05 | 23.70         |
| 5               | 64QAM  | 1  | 24 | 23.14 | 23.16 | 23.03 | 23.70         |
| 5               | 64QAM  | 12 | 0  | 22.04 | 22.09 | 21.96 | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.87 | 21.99 | 21.81 | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.98 | 22.00 | 21.89 | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.90 | 22.00 | 21.93 | 22.70         |
| 5               | 256QAM | 1  | 0  | 20.16 | 20.19 | 20.02 | 20.70         |
| 5               | 256QAM | 1  | 12 | 20.00 | 20.07 | 20.10 | 20.70         |
| 5               | 256QAM | 1  | 24 | 20.02 | 20.07 | 20.02 | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.99 | 20.05 | 19.98 | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.86 | 19.97 | 19.98 | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.81 | 19.97 | 19.85 | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.96 | 19.95 | 19.91 | 20.70         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 25.06 | 24.99 | 24.95 | 25.70         |
| 3               | QPSK   | 1  | 8  | 24.93 | 24.83 | 24.80 | 25.70         |
| 3               | QPSK   | 1  | 14 | 24.78 | 24.91 | 24.90 | 25.70         |
| 3               | QPSK   | 8  | 0  | 24.01 | 24.11 | 23.87 | 24.70         |
| 3               | QPSK   | 8  | 4  | 23.96 | 24.00 | 23.94 | 24.70         |
| 3               | QPSK   | 8  | 7  | 24.02 | 24.02 | 23.98 | 24.70         |
| 3               | QPSK   | 15 | 0  | 23.91 | 24.03 | 24.03 | 24.70         |
| 3               | 16QAM  | 1  | 0  | 24.29 | 24.28 | 24.29 | 24.70         |
| 3               | 16QAM  | 1  | 8  | 23.91 | 23.97 | 23.96 | 24.70         |
| 3               | 16QAM  | 1  | 14 | 24.15 | 24.28 | 24.29 | 24.70         |
| 3               | 16QAM  | 8  | 0  | 22.96 | 23.09 | 23.03 | 23.70         |
| 3               | 16QAM  | 8  | 4  | 23.02 | 23.05 | 22.88 | 23.70         |
| 3               | 16QAM  | 8  | 7  | 23.00 | 22.93 | 22.93 | 23.70         |
| 3               | 16QAM  | 15 | 0  | 22.93 | 22.95 | 23.03 | 23.70         |
| 3               | 64QAM  | 1  | 0  | 23.19 | 23.29 | 23.11 | 23.70         |
| 3               | 64QAM  | 1  | 8  | 23.06 | 23.23 | 23.06 | 23.70         |
| 3               | 64QAM  | 1  | 14 | 23.03 | 23.22 | 23.07 | 23.70         |
| 3               | 64QAM  | 8  | 0  | 22.09 | 22.06 | 21.97 | 22.70         |
| 3               | 64QAM  | 8  | 4  | 21.96 | 21.95 | 21.89 | 22.70         |
| 3               | 64QAM  | 8  | 7  | 21.94 | 21.98 | 21.94 | 22.70         |
| 3               | 64QAM  | 15 | 0  | 21.86 | 21.98 | 21.96 | 22.70         |
| 3               | 256QAM | 1  | 0  | 20.10 | 20.20 | 19.99 | 20.70         |
| 3               | 256QAM | 1  | 8  | 20.00 | 20.00 | 20.09 | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.97 | 20.13 | 19.96 | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.92 | 19.99 | 19.94 | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.83 | 19.99 | 19.89 | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.86 | 19.91 | 19.86 | 20.70         |
| 3               | 256QAM | 15 | 0  | 20.02 | 19.94 | 19.98 | 20.70         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 24.93 | 24.95 | 24.95 | 25.70         |
| 1.4             | QPSK   | 1  | 3  | 24.92 | 24.90 | 24.85 | 25.70         |
| 1.4             | QPSK   | 1  | 5  | 24.82 | 24.98 | 24.88 | 25.70         |
| 1.4             | QPSK   | 3  | 0  | 25.04 | 25.05 | 24.87 | 25.70         |
| 1.4             | QPSK   | 3  | 1  | 24.91 | 24.99 | 24.90 | 25.70         |
| 1.4             | QPSK   | 3  | 3  | 25.03 | 24.96 | 25.01 | 25.70         |
| 1.4             | QPSK   | 6  | 0  | 23.86 | 24.02 | 24.00 | 24.70         |
| 1.4             | 16QAM  | 1  | 0  | 24.30 | 24.33 | 24.23 | 24.70         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 3 | 23.95 | 24.08 | 23.89 | 24.70 |
| 1.4 | 16QAM  | 1 | 5 | 24.23 | 24.33 | 24.24 | 24.70 |
| 1.4 | 16QAM  | 3 | 0 | 23.99 | 24.11 | 24.05 | 24.70 |
| 1.4 | 16QAM  | 3 | 1 | 24.03 | 24.01 | 23.88 | 24.70 |
| 1.4 | 16QAM  | 3 | 3 | 23.93 | 23.93 | 23.94 | 24.70 |
| 1.4 | 16QAM  | 6 | 0 | 22.99 | 22.97 | 22.96 | 23.70 |
| 1.4 | 64QAM  | 1 | 0 | 23.11 | 23.20 | 23.07 | 23.70 |
| 1.4 | 64QAM  | 1 | 3 | 23.02 | 23.16 | 23.14 | 23.70 |
| 1.4 | 64QAM  | 1 | 5 | 23.07 | 23.20 | 23.08 | 23.70 |
| 1.4 | 64QAM  | 3 | 0 | 22.99 | 23.00 | 22.98 | 23.70 |
| 1.4 | 64QAM  | 3 | 1 | 22.88 | 23.06 | 22.90 | 23.70 |
| 1.4 | 64QAM  | 3 | 3 | 22.88 | 22.89 | 22.85 | 23.70 |
| 1.4 | 64QAM  | 6 | 0 | 21.88 | 22.05 | 21.88 | 22.70 |
| 1.4 | 256QAM | 1 | 0 | 20.07 | 20.14 | 20.06 | 20.70 |
| 1.4 | 256QAM | 1 | 3 | 19.98 | 20.10 | 20.02 | 20.70 |
| 1.4 | 256QAM | 1 | 5 | 20.03 | 20.05 | 20.00 | 20.70 |
| 1.4 | 256QAM | 3 | 0 | 19.92 | 20.04 | 19.90 | 20.70 |
| 1.4 | 256QAM | 3 | 1 | 19.79 | 20.00 | 19.92 | 20.70 |
| 1.4 | 256QAM | 3 | 3 | 19.89 | 19.96 | 19.91 | 20.70 |
| 1.4 | 256QAM | 6 | 0 | 19.96 | 19.96 | 19.88 | 20.70 |

【LTE Band 5\_Ant 1\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.09                    | 25.10                       | 25.01                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.90                    | 25.05                       | 24.86                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.91                    | 25.02                       | 24.83                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 24.06                    | 24.12                       | 24.02                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.91                    | 24.07                       | 23.94                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 24.02                    | 24.11                       | 23.96                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.95                    | 24.08                       | 23.97                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 23.96                    | 24.12                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.98                    | 24.09                       | 23.91                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 23.94                    | 23.98                       | 23.75                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.94                    | 23.02                       | 22.88                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.97                    | 22.99                       | 22.84                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.95                    | 23.03                       | 22.87                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 23.00                    | 23.12                       | 22.93                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.02                    | 23.09                       | 22.92                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 22.92                    | 23.02                       | 22.85                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 22.86                    | 22.92                       | 22.81                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 21.88                    | 22.02                       | 21.90                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 22.04                    | 22.06                       | 21.92                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 22.04                    | 22.10                       | 21.92                     | 22.70                  |
| 10              | 64QAM      | 50      | 0         | 21.98                    | 22.07                       | 21.89                     | 22.70                  |
| 10              | 256QAM     | 1       | 0         | 19.87                    | 19.89                       | 19.74                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 19.68                    | 19.83                       | 19.71                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.73                    | 19.84                       | 19.74                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.96                    | 20.07                       | 19.92                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 20.03                    | 20.06                       | 19.97                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.96                    | 19.98                       | 19.81                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.94                    | 20.00                       | 19.87                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.95                    | 24.99                       | 24.91                     | 25.70                  |
| 5               | QPSK       | 1       | 12        | 24.81                    | 24.94                       | 24.83                     | 25.70                  |
| 5               | QPSK       | 1       | 24        | 24.86                    | 24.92                       | 24.82                     | 25.70                  |
| 5               | QPSK       | 12      | 0         | 24.05                    | 24.09                       | 23.87                     | 24.70                  |
| 5               | QPSK       | 12      | 7         | 23.86                    | 23.92                       | 23.92                     | 24.70                  |
| 5               | QPSK       | 12      | 13        | 23.93                    | 23.97                       | 23.87                     | 24.70                  |
| 5               | QPSK       | 25      | 0         | 23.83                    | 24.04                       | 23.94                     | 24.70                  |
| 5               | 16QAM      | 1       | 0         | 23.88                    | 24.04                       | 23.92                     | 24.70                  |
| 5               | 16QAM      | 1       | 12        | 23.97                    | 24.02                       | 23.88                     | 24.70                  |
| 5               | 16QAM      | 1       | 24        | 23.86                    | 23.91                       | 23.65                     | 24.70                  |
| 5               | 16QAM      | 12      | 0         | 22.79                    | 22.89                       | 22.81                     | 23.70                  |
| 5               | 16QAM      | 12      | 7         | 22.94                    | 22.93                       | 22.75                     | 23.70                  |
| 5               | 16QAM      | 12      | 13        | 22.84                    | 22.94                       | 22.74                     | 23.70                  |
| 5               | 16QAM      | 25      | 0         | 22.93                    | 23.00                       | 22.84                     | 23.70                  |
| 5               | 64QAM      | 1       | 0         | 22.96                    | 23.08                       | 22.85                     | 23.70                  |
| 5               | 64QAM      | 1       | 12        | 22.88                    | 22.88                       | 22.77                     | 23.70                  |



# FCC SAR Test Report

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|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 5               | 64QAM  | 1  | 24 | 22.75 | 22.90 | 22.66 | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.78 | 21.93 | 21.81 | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 22.02 | 22.03 | 21.85 | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.93 | 22.05 | 21.85 | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 21.96 | 21.95 | 21.87 | 22.70                  |
| 5               | 256QAM | 1  | 0  | 19.84 | 19.81 | 19.68 | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.57 | 19.69 | 19.64 | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.58 | 19.75 | 19.73 | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.83 | 20.03 | 19.91 | 20.70                  |
| 5               | 256QAM | 12 | 7  | 20.01 | 19.96 | 19.96 | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.86 | 19.97 | 19.74 | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.83 | 19.88 | 19.79 | 20.70                  |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.96 | 25.02 | 24.91 | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.88 | 24.96 | 24.76 | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.76 | 24.92 | 24.78 | 25.70                  |
| 3               | QPSK   | 8  | 0  | 24.04 | 24.03 | 23.92 | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.82 | 23.94 | 23.89 | 24.70                  |
| 3               | QPSK   | 8  | 7  | 24.01 | 24.05 | 23.88 | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.83 | 23.95 | 23.83 | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.92 | 23.98 | 23.80 | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.90 | 23.94 | 23.85 | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.92 | 23.96 | 23.67 | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.81 | 22.91 | 22.81 | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.94 | 22.94 | 22.77 | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.91 | 22.89 | 22.75 | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.88 | 23.09 | 22.79 | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.96 | 23.05 | 22.80 | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.83 | 22.91 | 22.82 | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.71 | 22.87 | 22.79 | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.78 | 21.95 | 21.84 | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.97 | 22.02 | 21.77 | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 22.00 | 22.09 | 21.78 | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.92 | 21.96 | 21.75 | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.75 | 19.85 | 19.64 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.60 | 19.74 | 19.59 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.61 | 19.72 | 19.65 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.93 | 19.96 | 19.88 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.92 | 19.92 | 19.94 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.82 | 19.96 | 19.71 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.90 | 19.97 | 19.86 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.99 | 24.95 | 24.99 | 25.70                  |
| 1.4             | QPSK   | 1  | 3  | 24.78 | 25.04 | 24.83 | 25.70                  |
| 1.4             | QPSK   | 1  | 5  | 24.88 | 24.98 | 24.76 | 25.70                  |
| 1.4             | QPSK   | 3  | 0  | 24.95 | 25.03 | 24.90 | 25.70                  |
| 1.4             | QPSK   | 3  | 1  | 24.88 | 24.96 | 24.88 | 25.70                  |
| 1.4             | QPSK   | 3  | 3  | 24.91 | 25.06 | 24.89 | 25.70                  |
| 1.4             | QPSK   | 6  | 0  | 23.90 | 24.06 | 23.91 | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.82 | 24.04 | 23.88 | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.86 | 24.06 | 23.84 | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 23.91 | 23.87 | 23.73 | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.93 | 23.96 | 23.80 | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.94 | 23.87 | 23.80 | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.82 | 23.92 | 23.77 | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.86 | 23.00 | 22.85 | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.95 | 23.02 | 22.86 | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 22.88 | 22.87 | 22.72 | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.79 | 22.85 | 22.66 | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.76 | 22.89 | 22.81 | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.97 | 23.01 | 22.85 | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.91 | 23.08 | 22.83 | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.96 | 21.93 | 21.84 | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.79 | 19.78 | 19.62 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.59 | 19.75 | 19.65 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.65 | 19.73 | 19.67 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.81 | 20.04 | 19.82 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.99 | 19.94 | 19.87 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.86 | 19.91 | 19.66 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.80 | 19.91 | 19.77 | 20.70                  |



## 【LTE Band 5\_Ant 1\_ECI1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 20.51                    | 20.55                       | 20.53                     | 21.20                  |
| 10              | QPSK       | 1       | 25        | 20.26                    | 20.43                       | 20.37                     | 21.20                  |
| 10              | QPSK       | 1       | 49        | 20.39                    | 20.49                       | 20.46                     | 21.20                  |
| 10              | QPSK       | 25      | 0         | 20.35                    | 20.50                       | 20.41                     | 21.20                  |
| 10              | QPSK       | 25      | 12        | 20.32                    | 20.45                       | 20.28                     | 21.20                  |
| 10              | QPSK       | 25      | 25        | 20.30                    | 20.48                       | 20.38                     | 21.20                  |
| 10              | QPSK       | 50      | 0         | 20.37                    | 20.42                       | 20.26                     | 21.20                  |
| 10              | 16QAM      | 1       | 0         | 20.27                    | 20.43                       | 20.37                     | 21.20                  |
| 10              | 16QAM      | 1       | 25        | 20.35                    | 20.44                       | 20.28                     | 21.20                  |
| 10              | 16QAM      | 1       | 49        | 20.33                    | 20.47                       | 20.41                     | 21.20                  |
| 10              | 16QAM      | 25      | 0         | 20.28                    | 20.46                       | 20.35                     | 21.20                  |
| 10              | 16QAM      | 25      | 12        | 20.40                    | 20.45                       | 20.32                     | 21.20                  |
| 10              | 16QAM      | 25      | 25        | 20.18                    | 20.30                       | 20.23                     | 21.20                  |
| 10              | 16QAM      | 50      | 0         | 20.23                    | 20.32                       | 20.27                     | 21.20                  |
| 10              | 64QAM      | 1       | 0         | 20.09                    | 20.28                       | 20.23                     | 21.20                  |
| 10              | 64QAM      | 1       | 25        | 20.25                    | 20.37                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 1       | 49        | 20.25                    | 20.40                       | 20.30                     | 21.20                  |
| 10              | 64QAM      | 25      | 0         | 20.21                    | 20.40                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 25      | 12        | 20.17                    | 20.33                       | 20.22                     | 21.20                  |
| 10              | 64QAM      | 25      | 25        | 20.31                    | 20.41                       | 20.28                     | 21.20                  |
| 10              | 64QAM      | 50      | 0         | 20.11                    | 20.28                       | 20.14                     | 21.20                  |
| 10              | 256QAM     | 1       | 0         | 19.88                    | 20.03                       | 19.95                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 19.85                    | 19.92                       | 19.88                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.79                    | 19.97                       | 19.87                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.84                    | 19.95                       | 19.85                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 19.87                    | 19.99                       | 19.83                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.80                    | 19.93                       | 19.82                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.87                    | 19.94                       | 19.85                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 20.39                    | 20.51                       | 20.50                     | 21.20                  |
| 5               | QPSK       | 1       | 12        | 20.17                    | 20.35                       | 20.23                     | 21.20                  |
| 5               | QPSK       | 1       | 24        | 20.32                    | 20.47                       | 20.36                     | 21.20                  |
| 5               | QPSK       | 12      | 0         | 20.34                    | 20.40                       | 20.36                     | 21.20                  |
| 5               | QPSK       | 12      | 7         | 20.20                    | 20.39                       | 20.26                     | 21.20                  |
| 5               | QPSK       | 12      | 13        | 20.27                    | 20.44                       | 20.35                     | 21.20                  |
| 5               | QPSK       | 25      | 0         | 20.30                    | 20.37                       | 20.23                     | 21.20                  |
| 5               | 16QAM      | 1       | 0         | 20.13                    | 20.32                       | 20.34                     | 21.20                  |
| 5               | 16QAM      | 1       | 12        | 20.25                    | 20.42                       | 20.24                     | 21.20                  |
| 5               | 16QAM      | 1       | 24        | 20.27                    | 20.43                       | 20.31                     | 21.20                  |
| 5               | 16QAM      | 12      | 0         | 20.27                    | 20.34                       | 20.28                     | 21.20                  |
| 5               | 16QAM      | 12      | 7         | 20.36                    | 20.31                       | 20.19                     | 21.20                  |
| 5               | 16QAM      | 12      | 13        | 20.08                    | 20.21                       | 20.21                     | 21.20                  |
| 5               | 16QAM      | 25      | 0         | 20.13                    | 20.30                       | 20.14                     | 21.20                  |
| 5               | 64QAM      | 1       | 0         | 20.01                    | 20.17                       | 20.09                     | 21.20                  |
| 5               | 64QAM      | 1       | 12        | 20.20                    | 20.33                       | 20.18                     | 21.20                  |
| 5               | 64QAM      | 1       | 24        | 20.23                    | 20.38                       | 20.17                     | 21.20                  |
| 5               | 64QAM      | 12      | 0         | 20.16                    | 20.36                       | 20.31                     | 21.20                  |
| 5               | 64QAM      | 12      | 7         | 20.08                    | 20.24                       | 20.17                     | 21.20                  |
| 5               | 64QAM      | 12      | 13        | 20.20                    | 20.40                       | 20.14                     | 21.20                  |
| 5               | 64QAM      | 25      | 0         | 20.06                    | 20.16                       | 20.01                     | 21.20                  |
| 5               | 256QAM     | 1       | 0         | 19.78                    | 19.97                       | 19.83                     | 20.70                  |
| 5               | 256QAM     | 1       | 12        | 19.71                    | 19.82                       | 19.73                     | 20.70                  |
| 5               | 256QAM     | 1       | 24        | 19.67                    | 19.89                       | 19.82                     | 20.70                  |
| 5               | 256QAM     | 12      | 0         | 19.80                    | 19.90                       | 19.84                     | 20.70                  |
| 5               | 256QAM     | 12      | 7         | 19.80                    | 19.89                       | 19.82                     | 20.70                  |
| 5               | 256QAM     | 12      | 13        | 19.74                    | 19.79                       | 19.71                     | 20.70                  |
| 5               | 256QAM     | 25      | 0         | 19.72                    | 19.85                       | 19.75                     | 20.70                  |
| Channel         |            |         |           | 20415                    | 20525                       | 20635                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 825.5                    | 836.5                       | 847.5                     |                        |
| 3               | QPSK       | 1       | 0         | 20.38                    | 20.41                       | 20.46                     | 21.20                  |
| 3               | QPSK       | 1       | 8         | 20.11                    | 20.31                       | 20.35                     | 21.20                  |
| 3               | QPSK       | 1       | 14        | 20.25                    | 20.36                       | 20.37                     | 21.20                  |
| 3               | QPSK       | 8       | 0         | 20.26                    | 20.41                       | 20.39                     | 21.20                  |
| 3               | QPSK       | 8       | 4         | 20.24                    | 20.39                       | 20.18                     | 21.20                  |
| 3               | QPSK       | 8       | 7         | 20.26                    | 20.40                       | 20.25                     | 21.20                  |
| 3               | QPSK       | 15      | 0         | 20.23                    | 20.39                       | 20.22                     | 21.20                  |
| 3               | 16QAM      | 1       | 0         | 20.21                    | 20.31                       | 20.23                     | 21.20                  |
| 3               | 16QAM      | 1       | 8         | 20.23                    | 20.39                       | 20.19                     | 21.20                  |
| 3               | 16QAM      | 1       | 14        | 20.31                    | 20.46                       | 20.39                     | 21.20                  |
| 3               | 16QAM      | 8       | 0         | 20.15                    | 20.32                       | 20.28                     | 21.20                  |
| 3               | 16QAM      | 8       | 4         | 20.33                    | 20.33                       | 20.30                     | 21.20                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 7  | 20.04 | 20.23 | 20.13 | 21.20                  |
| 3               | 16QAM  | 15 | 0  | 20.16 | 20.27 | 20.20 | 21.20                  |
| 3               | 64QAM  | 1  | 0  | 20.03 | 20.27 | 20.12 | 21.20                  |
| 3               | 64QAM  | 1  | 8  | 20.22 | 20.27 | 20.20 | 21.20                  |
| 3               | 64QAM  | 1  | 14 | 20.23 | 20.33 | 20.21 | 21.20                  |
| 3               | 64QAM  | 8  | 0  | 20.06 | 20.38 | 20.20 | 21.20                  |
| 3               | 64QAM  | 8  | 4  | 20.10 | 20.18 | 20.07 | 21.20                  |
| 3               | 64QAM  | 8  | 7  | 20.23 | 20.39 | 20.13 | 21.20                  |
| 3               | 64QAM  | 15 | 0  | 20.01 | 20.21 | 20.02 | 21.20                  |
| 3               | 256QAM | 1  | 0  | 19.74 | 19.95 | 19.90 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.73 | 19.87 | 19.73 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.76 | 19.89 | 19.82 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.80 | 19.87 | 19.79 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.80 | 19.85 | 19.73 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.92 | 19.72 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.74 | 19.80 | 19.77 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 20.38 | 20.45 | 20.48 | 21.20                  |
| 1.4             | QPSK   | 1  | 3  | 20.25 | 20.36 | 20.32 | 21.20                  |
| 1.4             | QPSK   | 1  | 5  | 20.28 | 20.41 | 20.36 | 21.20                  |
| 1.4             | QPSK   | 3  | 0  | 20.23 | 20.39 | 20.35 | 21.20                  |
| 1.4             | QPSK   | 3  | 1  | 20.24 | 20.33 | 20.13 | 21.20                  |
| 1.4             | QPSK   | 3  | 3  | 20.22 | 20.37 | 20.33 | 21.20                  |
| 1.4             | QPSK   | 6  | 0  | 20.28 | 20.41 | 20.21 | 21.20                  |
| 1.4             | 16QAM  | 1  | 0  | 20.18 | 20.36 | 20.25 | 21.20                  |
| 1.4             | 16QAM  | 1  | 3  | 20.26 | 20.42 | 20.19 | 21.20                  |
| 1.4             | 16QAM  | 1  | 5  | 20.25 | 20.33 | 20.32 | 21.20                  |
| 1.4             | 16QAM  | 3  | 0  | 20.17 | 20.41 | 20.26 | 21.20                  |
| 1.4             | 16QAM  | 3  | 1  | 20.31 | 20.37 | 20.22 | 21.20                  |
| 1.4             | 16QAM  | 3  | 3  | 20.14 | 20.23 | 20.11 | 21.20                  |
| 1.4             | 16QAM  | 6  | 0  | 20.13 | 20.20 | 20.18 | 21.20                  |
| 1.4             | 64QAM  | 1  | 0  | 20.02 | 20.20 | 20.13 | 21.20                  |
| 1.4             | 64QAM  | 1  | 3  | 20.17 | 20.34 | 20.25 | 21.20                  |
| 1.4             | 64QAM  | 1  | 5  | 20.17 | 20.36 | 20.17 | 21.20                  |
| 1.4             | 64QAM  | 3  | 0  | 20.19 | 20.25 | 20.28 | 21.20                  |
| 1.4             | 64QAM  | 3  | 1  | 20.06 | 20.30 | 20.16 | 21.20                  |
| 1.4             | 64QAM  | 3  | 3  | 20.23 | 20.28 | 20.20 | 21.20                  |
| 1.4             | 64QAM  | 6  | 0  | 20.10 | 20.27 | 20.10 | 21.20                  |
| 1.4             | 256QAM | 1  | 0  | 19.83 | 19.99 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.77 | 19.90 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.76 | 19.82 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.80 | 19.80 | 19.80 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.86 | 19.85 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.70 | 19.78 | 19.74 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.80 | 19.90 | 19.79 | 20.70                  |

**【LTE Band 5\_Ant 1\_ECI1-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 20.51                    | 20.59                       | 20.53                     | 21.20                  |
| 10              | QPSK       | 1       | 25        | 20.33                    | 20.46                       | 20.30                     | 21.20                  |
| 10              | QPSK       | 1       | 49        | 20.17                    | 20.36                       | 20.27                     | 21.20                  |
| 10              | QPSK       | 25      | 0         | 20.39                    | 20.45                       | 20.42                     | 21.20                  |
| 10              | QPSK       | 25      | 12        | 20.29                    | 20.40                       | 20.25                     | 21.20                  |
| 10              | QPSK       | 25      | 25        | 20.23                    | 20.38                       | 20.19                     | 21.20                  |
| 10              | QPSK       | 50      | 0         | 20.28                    | 20.42                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 1       | 0         | 20.18                    | 20.39                       | 20.24                     | 21.20                  |
| 10              | 16QAM      | 1       | 25        | 20.23                    | 20.37                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 1       | 49        | 20.24                    | 20.47                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 25      | 0         | 20.29                    | 20.40                       | 20.28                     | 21.20                  |
| 10              | 16QAM      | 25      | 12        | 20.26                    | 20.40                       | 20.27                     | 21.20                  |
| 10              | 16QAM      | 25      | 25        | 20.24                    | 20.46                       | 20.38                     | 21.20                  |
| 10              | 16QAM      | 50      | 0         | 20.22                    | 20.45                       | 20.25                     | 21.20                  |
| 10              | 64QAM      | 1       | 0         | 20.22                    | 20.40                       | 20.22                     | 21.20                  |
| 10              | 64QAM      | 1       | 25        | 20.28                    | 20.40                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 1       | 49        | 20.34                    | 20.48                       | 20.36                     | 21.20                  |
| 10              | 64QAM      | 25      | 0         | 20.19                    | 20.40                       | 20.24                     | 21.20                  |
| 10              | 64QAM      | 25      | 12        | 20.27                    | 20.46                       | 20.26                     | 21.20                  |
| 10              | 64QAM      | 25      | 25        | 20.25                    | 20.39                       | 20.29                     | 21.20                  |



|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 50 | 0  | 20.27 | 20.43 | 20.22 | 21.20         |
| 10              | 256QAM | 1  | 0  | 19.87 | 19.89 | 19.74 | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.68 | 19.83 | 19.71 | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.73 | 19.84 | 19.74 | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.96 | 20.07 | 19.92 | 20.70         |
| 10              | 256QAM | 25 | 12 | 20.03 | 20.06 | 19.97 | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.96 | 19.98 | 19.81 | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.94 | 20.00 | 19.87 | 20.70         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 20.45 | 20.51 | 20.43 | 21.20         |
| 5               | QPSK   | 1  | 12 | 20.19 | 20.37 | 20.26 | 21.20         |
| 5               | QPSK   | 1  | 24 | 20.08 | 20.22 | 20.25 | 21.20         |
| 5               | QPSK   | 12 | 0  | 20.38 | 20.33 | 20.30 | 21.20         |
| 5               | QPSK   | 12 | 7  | 20.23 | 20.30 | 20.14 | 21.20         |
| 5               | QPSK   | 12 | 13 | 20.12 | 20.36 | 20.13 | 21.20         |
| 5               | QPSK   | 25 | 0  | 20.17 | 20.34 | 20.23 | 21.20         |
| 5               | 16QAM  | 1  | 0  | 20.15 | 20.24 | 20.17 | 21.20         |
| 5               | 16QAM  | 1  | 12 | 20.21 | 20.32 | 20.22 | 21.20         |
| 5               | 16QAM  | 1  | 24 | 20.14 | 20.37 | 20.25 | 21.20         |
| 5               | 16QAM  | 12 | 0  | 20.15 | 20.31 | 20.23 | 21.20         |
| 5               | 16QAM  | 12 | 7  | 20.13 | 20.34 | 20.24 | 21.20         |
| 5               | 16QAM  | 12 | 13 | 20.19 | 20.40 | 20.36 | 21.20         |
| 5               | 16QAM  | 25 | 0  | 20.15 | 20.31 | 20.11 | 21.20         |
| 5               | 64QAM  | 1  | 0  | 20.13 | 20.28 | 20.09 | 21.20         |
| 5               | 64QAM  | 1  | 12 | 20.23 | 20.31 | 20.21 | 21.20         |
| 5               | 64QAM  | 1  | 24 | 20.22 | 20.33 | 20.31 | 21.20         |
| 5               | 64QAM  | 12 | 0  | 20.06 | 20.32 | 20.17 | 21.20         |
| 5               | 64QAM  | 12 | 7  | 20.12 | 20.36 | 20.15 | 21.20         |
| 5               | 64QAM  | 12 | 13 | 20.24 | 20.32 | 20.22 | 21.20         |
| 5               | 64QAM  | 25 | 0  | 20.16 | 20.31 | 20.12 | 21.20         |
| 5               | 256QAM | 1  | 0  | 19.81 | 19.84 | 19.59 | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.59 | 19.69 | 19.65 | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.63 | 19.76 | 19.65 | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.93 | 19.92 | 19.90 | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.98 | 20.00 | 19.85 | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.95 | 19.89 | 19.72 | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.85 | 19.96 | 19.81 | 20.70         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 20.37 | 20.48 | 20.42 | 21.20         |
| 3               | QPSK   | 1  | 8  | 20.21 | 20.33 | 20.15 | 21.20         |
| 3               | QPSK   | 1  | 14 | 20.13 | 20.30 | 20.23 | 21.20         |
| 3               | QPSK   | 8  | 0  | 20.26 | 20.34 | 20.38 | 21.20         |
| 3               | QPSK   | 8  | 4  | 20.16 | 20.26 | 20.21 | 21.20         |
| 3               | QPSK   | 8  | 7  | 20.17 | 20.36 | 20.13 | 21.20         |
| 3               | QPSK   | 15 | 0  | 20.21 | 20.29 | 20.17 | 21.20         |
| 3               | 16QAM  | 1  | 0  | 20.12 | 20.30 | 20.20 | 21.20         |
| 3               | 16QAM  | 1  | 8  | 20.12 | 20.25 | 20.28 | 21.20         |
| 3               | 16QAM  | 1  | 14 | 20.17 | 20.46 | 20.24 | 21.20         |
| 3               | 16QAM  | 8  | 0  | 20.24 | 20.32 | 20.26 | 21.20         |
| 3               | 16QAM  | 8  | 4  | 20.19 | 20.32 | 20.16 | 21.20         |
| 3               | 16QAM  | 8  | 7  | 20.10 | 20.34 | 20.34 | 21.20         |
| 3               | 16QAM  | 15 | 0  | 20.11 | 20.33 | 20.18 | 21.20         |
| 3               | 64QAM  | 1  | 0  | 20.18 | 20.36 | 20.20 | 21.20         |
| 3               | 64QAM  | 1  | 8  | 20.23 | 20.32 | 20.19 | 21.20         |
| 3               | 64QAM  | 1  | 14 | 20.23 | 20.34 | 20.26 | 21.20         |
| 3               | 64QAM  | 8  | 0  | 20.09 | 20.26 | 20.13 | 21.20         |
| 3               | 64QAM  | 8  | 4  | 20.23 | 20.44 | 20.16 | 21.20         |
| 3               | 64QAM  | 8  | 7  | 20.18 | 20.37 | 20.27 | 21.20         |
| 3               | 64QAM  | 15 | 0  | 20.18 | 20.34 | 20.21 | 21.20         |
| 3               | 256QAM | 1  | 0  | 19.78 | 19.88 | 19.66 | 20.70         |
| 3               | 256QAM | 1  | 8  | 19.55 | 19.68 | 19.65 | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.61 | 19.82 | 19.67 | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.82 | 19.94 | 19.83 | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.95 | 19.97 | 19.91 | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.86 | 19.87 | 19.69 | 20.70         |
| 3               | 256QAM | 15 | 0  | 19.88 | 19.99 | 19.80 | 20.70         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 20.37 | 20.55 | 20.44 | 21.20         |
| 1.4             | QPSK   | 1  | 3  | 20.18 | 20.41 | 20.25 | 21.20         |
| 1.4             | QPSK   | 1  | 5  | 20.15 | 20.21 | 20.22 | 21.20         |
| 1.4             | QPSK   | 3  | 0  | 20.30 | 20.31 | 20.30 | 21.20         |
| 1.4             | QPSK   | 3  | 1  | 20.26 | 20.37 | 20.24 | 21.20         |
| 1.4             | QPSK   | 3  | 3  | 20.21 | 20.36 | 20.14 | 21.20         |
| 1.4             | QPSK   | 6  | 0  | 20.21 | 20.30 | 20.20 | 21.20         |
| 1.4             | 16QAM  | 1  | 0  | 20.04 | 20.31 | 20.17 | 21.20         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 3 | 20.15 | 20.25 | 20.18 | 21.20 |
| 1.4 | 16QAM  | 1 | 5 | 20.17 | 20.37 | 20.26 | 21.20 |
| 1.4 | 16QAM  | 3 | 0 | 20.26 | 20.28 | 20.16 | 21.20 |
| 1.4 | 16QAM  | 3 | 1 | 20.18 | 20.37 | 20.24 | 21.20 |
| 1.4 | 16QAM  | 3 | 3 | 20.18 | 20.33 | 20.33 | 21.20 |
| 1.4 | 16QAM  | 6 | 0 | 20.20 | 20.38 | 20.13 | 21.20 |
| 1.4 | 64QAM  | 1 | 0 | 20.11 | 20.25 | 20.14 | 21.20 |
| 1.4 | 64QAM  | 1 | 3 | 20.22 | 20.26 | 20.25 | 21.20 |
| 1.4 | 64QAM  | 1 | 5 | 20.21 | 20.39 | 20.31 | 21.20 |
| 1.4 | 64QAM  | 3 | 0 | 20.05 | 20.26 | 20.18 | 21.20 |
| 1.4 | 64QAM  | 3 | 1 | 20.15 | 20.35 | 20.25 | 21.20 |
| 1.4 | 64QAM  | 3 | 3 | 20.16 | 20.24 | 20.20 | 21.20 |
| 1.4 | 64QAM  | 6 | 0 | 20.15 | 20.29 | 20.17 | 21.20 |
| 1.4 | 256QAM | 1 | 0 | 19.73 | 19.85 | 19.71 | 20.70 |
| 1.4 | 256QAM | 1 | 3 | 19.62 | 19.72 | 19.59 | 20.70 |
| 1.4 | 256QAM | 1 | 5 | 19.65 | 19.76 | 19.66 | 20.70 |
| 1.4 | 256QAM | 3 | 0 | 19.82 | 19.95 | 19.87 | 20.70 |
| 1.4 | 256QAM | 3 | 1 | 19.94 | 19.99 | 19.95 | 20.70 |
| 1.4 | 256QAM | 3 | 3 | 19.86 | 19.94 | 19.68 | 20.70 |
| 1.4 | 256QAM | 6 | 0 | 19.83 | 19.96 | 19.77 | 20.70 |

## 【LTE Band 5\_Ant 1\_ECI3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | 21.20                  |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 20.51                    | 20.55                       | 20.53                     | 21.20                  |
| 10              | QPSK       | 1       | 25        | 20.26                    | 20.43                       | 20.37                     | 21.20                  |
| 10              | QPSK       | 1       | 49        | 20.39                    | 20.49                       | 20.46                     | 21.20                  |
| 10              | QPSK       | 25      | 0         | 20.35                    | 20.50                       | 20.41                     | 21.20                  |
| 10              | QPSK       | 25      | 12        | 20.32                    | 20.45                       | 20.28                     | 21.20                  |
| 10              | QPSK       | 25      | 25        | 20.30                    | 20.48                       | 20.38                     | 21.20                  |
| 10              | QPSK       | 50      | 0         | 20.37                    | 20.42                       | 20.26                     | 21.20                  |
| 10              | 16QAM      | 1       | 0         | 20.27                    | 20.43                       | 20.37                     | 21.20                  |
| 10              | 16QAM      | 1       | 25        | 20.35                    | 20.44                       | 20.28                     | 21.20                  |
| 10              | 16QAM      | 1       | 49        | 20.33                    | 20.47                       | 20.41                     | 21.20                  |
| 10              | 16QAM      | 25      | 0         | 20.28                    | 20.46                       | 20.35                     | 21.20                  |
| 10              | 16QAM      | 25      | 12        | 20.40                    | 20.45                       | 20.32                     | 21.20                  |
| 10              | 16QAM      | 25      | 25        | 20.18                    | 20.30                       | 20.23                     | 21.20                  |
| 10              | 16QAM      | 50      | 0         | 20.23                    | 20.32                       | 20.27                     | 21.20                  |
| 10              | 64QAM      | 1       | 0         | 20.09                    | 20.28                       | 20.23                     | 21.20                  |
| 10              | 64QAM      | 1       | 25        | 20.25                    | 20.37                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 1       | 49        | 20.25                    | 20.40                       | 20.30                     | 21.20                  |
| 10              | 64QAM      | 25      | 0         | 20.21                    | 20.40                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 25      | 12        | 20.17                    | 20.33                       | 20.22                     | 21.20                  |
| 10              | 64QAM      | 25      | 25        | 20.31                    | 20.41                       | 20.28                     | 21.20                  |
| 10              | 64QAM      | 50      | 0         | 20.11                    | 20.28                       | 20.14                     | 21.20                  |
| 10              | 256QAM     | 1       | 0         | 19.88                    | 20.03                       | 19.95                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 19.85                    | 19.92                       | 19.88                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.79                    | 19.97                       | 19.87                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.84                    | 19.95                       | 19.85                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 19.87                    | 19.99                       | 19.83                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.80                    | 19.93                       | 19.82                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.87                    | 19.94                       | 19.85                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | 21.20                  |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 20.39                    | 20.51                       | 20.50                     | 21.20                  |
| 5               | QPSK       | 1       | 12        | 20.17                    | 20.35                       | 20.23                     | 21.20                  |
| 5               | QPSK       | 1       | 24        | 20.32                    | 20.47                       | 20.36                     | 21.20                  |
| 5               | QPSK       | 12      | 0         | 20.34                    | 20.40                       | 20.36                     | 21.20                  |
| 5               | QPSK       | 12      | 7         | 20.20                    | 20.39                       | 20.26                     | 21.20                  |
| 5               | QPSK       | 12      | 13        | 20.27                    | 20.44                       | 20.35                     | 21.20                  |
| 5               | QPSK       | 25      | 0         | 20.30                    | 20.37                       | 20.23                     | 21.20                  |
| 5               | 16QAM      | 1       | 0         | 20.13                    | 20.32                       | 20.34                     | 21.20                  |
| 5               | 16QAM      | 1       | 12        | 20.25                    | 20.42                       | 20.24                     | 21.20                  |
| 5               | 16QAM      | 1       | 24        | 20.27                    | 20.43                       | 20.31                     | 21.20                  |
| 5               | 16QAM      | 12      | 0         | 20.27                    | 20.34                       | 20.28                     | 21.20                  |
| 5               | 16QAM      | 12      | 7         | 20.36                    | 20.31                       | 20.19                     | 21.20                  |
| 5               | 16QAM      | 12      | 13        | 20.08                    | 20.21                       | 20.21                     | 21.20                  |
| 5               | 16QAM      | 25      | 0         | 20.13                    | 20.30                       | 20.14                     | 21.20                  |
| 5               | 64QAM      | 1       | 0         | 20.01                    | 20.17                       | 20.09                     | 21.20                  |
| 5               | 64QAM      | 1       | 12        | 20.20                    | 20.33                       | 20.18                     | 21.20                  |



# FCC SAR Test Report

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|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 5               | 64QAM  | 1  | 24 | 20.23 | 20.38 | 20.17 | 21.20                  |
| 5               | 64QAM  | 12 | 0  | 20.16 | 20.36 | 20.31 | 21.20                  |
| 5               | 64QAM  | 12 | 7  | 20.08 | 20.24 | 20.17 | 21.20                  |
| 5               | 64QAM  | 12 | 13 | 20.20 | 20.40 | 20.14 | 21.20                  |
| 5               | 64QAM  | 25 | 0  | 20.06 | 20.16 | 20.01 | 21.20                  |
| 5               | 256QAM | 1  | 0  | 19.78 | 19.97 | 19.83 | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.71 | 19.82 | 19.73 | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.67 | 19.89 | 19.82 | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.80 | 19.90 | 19.84 | 20.70                  |
| 5               | 256QAM | 12 | 7  | 19.80 | 19.89 | 19.82 | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.74 | 19.79 | 19.71 | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.72 | 19.85 | 19.75 | 20.70                  |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                        |
| 3               | QPSK   | 1  | 0  | 20.38 | 20.41 | 20.46 | 21.20                  |
| 3               | QPSK   | 1  | 8  | 20.11 | 20.31 | 20.35 | 21.20                  |
| 3               | QPSK   | 1  | 14 | 20.25 | 20.36 | 20.37 | 21.20                  |
| 3               | QPSK   | 8  | 0  | 20.26 | 20.41 | 20.39 | 21.20                  |
| 3               | QPSK   | 8  | 4  | 20.24 | 20.39 | 20.18 | 21.20                  |
| 3               | QPSK   | 8  | 7  | 20.26 | 20.40 | 20.25 | 21.20                  |
| 3               | QPSK   | 15 | 0  | 20.23 | 20.39 | 20.22 | 21.20                  |
| 3               | 16QAM  | 1  | 0  | 20.21 | 20.31 | 20.23 | 21.20                  |
| 3               | 16QAM  | 1  | 8  | 20.23 | 20.39 | 20.19 | 21.20                  |
| 3               | 16QAM  | 1  | 14 | 20.31 | 20.46 | 20.39 | 21.20                  |
| 3               | 16QAM  | 8  | 0  | 20.15 | 20.32 | 20.28 | 21.20                  |
| 3               | 16QAM  | 8  | 4  | 20.33 | 20.33 | 20.30 | 21.20                  |
| 3               | 16QAM  | 8  | 7  | 20.04 | 20.23 | 20.13 | 21.20                  |
| 3               | 16QAM  | 15 | 0  | 20.16 | 20.27 | 20.20 | 21.20                  |
| 3               | 64QAM  | 1  | 0  | 20.03 | 20.27 | 20.12 | 21.20                  |
| 3               | 64QAM  | 1  | 8  | 20.22 | 20.27 | 20.20 | 21.20                  |
| 3               | 64QAM  | 1  | 14 | 20.23 | 20.33 | 20.21 | 21.20                  |
| 3               | 64QAM  | 8  | 0  | 20.06 | 20.38 | 20.20 | 21.20                  |
| 3               | 64QAM  | 8  | 4  | 20.10 | 20.18 | 20.07 | 21.20                  |
| 3               | 64QAM  | 8  | 7  | 20.23 | 20.39 | 20.13 | 21.20                  |
| 3               | 64QAM  | 15 | 0  | 20.01 | 20.21 | 20.02 | 21.20                  |
| 3               | 256QAM | 1  | 0  | 19.74 | 19.95 | 19.90 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.73 | 19.87 | 19.73 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.76 | 19.89 | 19.82 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.80 | 19.87 | 19.79 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.80 | 19.85 | 19.73 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.92 | 19.72 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.74 | 19.80 | 19.77 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 20.38 | 20.45 | 20.48 | 21.20                  |
| 1.4             | QPSK   | 1  | 3  | 20.25 | 20.36 | 20.32 | 21.20                  |
| 1.4             | QPSK   | 1  | 5  | 20.28 | 20.41 | 20.36 | 21.20                  |
| 1.4             | QPSK   | 3  | 0  | 20.23 | 20.39 | 20.35 | 21.20                  |
| 1.4             | QPSK   | 3  | 1  | 20.24 | 20.33 | 20.13 | 21.20                  |
| 1.4             | QPSK   | 3  | 3  | 20.22 | 20.37 | 20.33 | 21.20                  |
| 1.4             | QPSK   | 6  | 0  | 20.28 | 20.41 | 20.21 | 21.20                  |
| 1.4             | 16QAM  | 1  | 0  | 20.18 | 20.36 | 20.25 | 21.20                  |
| 1.4             | 16QAM  | 1  | 3  | 20.26 | 20.42 | 20.19 | 21.20                  |
| 1.4             | 16QAM  | 1  | 5  | 20.25 | 20.33 | 20.32 | 21.20                  |
| 1.4             | 16QAM  | 3  | 0  | 20.17 | 20.41 | 20.26 | 21.20                  |
| 1.4             | 16QAM  | 3  | 1  | 20.31 | 20.37 | 20.22 | 21.20                  |
| 1.4             | 16QAM  | 3  | 3  | 20.14 | 20.23 | 20.11 | 21.20                  |
| 1.4             | 16QAM  | 6  | 0  | 20.13 | 20.20 | 20.18 | 21.20                  |
| 1.4             | 64QAM  | 1  | 0  | 20.02 | 20.20 | 20.13 | 21.20                  |
| 1.4             | 64QAM  | 1  | 3  | 20.17 | 20.34 | 20.25 | 21.20                  |
| 1.4             | 64QAM  | 1  | 5  | 20.17 | 20.36 | 20.17 | 21.20                  |
| 1.4             | 64QAM  | 3  | 0  | 20.19 | 20.25 | 20.28 | 21.20                  |
| 1.4             | 64QAM  | 3  | 1  | 20.06 | 20.30 | 20.16 | 21.20                  |
| 1.4             | 64QAM  | 3  | 3  | 20.23 | 20.28 | 20.20 | 21.20                  |
| 1.4             | 64QAM  | 6  | 0  | 20.10 | 20.27 | 20.10 | 21.20                  |
| 1.4             | 256QAM | 1  | 0  | 19.83 | 19.99 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.77 | 19.90 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.76 | 19.82 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.80 | 19.80 | 19.80 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.86 | 19.85 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.70 | 19.78 | 19.74 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.80 | 19.90 | 19.79 | 20.70                  |



## 【LTE Band 5\_Ant 1\_ECI3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 20.51                    | 20.59                       | 20.53                     | 21.20                  |
| 10              | QPSK       | 1       | 25        | 20.33                    | 20.46                       | 20.30                     | 21.20                  |
| 10              | QPSK       | 1       | 49        | 20.17                    | 20.36                       | 20.27                     | 21.20                  |
| 10              | QPSK       | 25      | 0         | 20.39                    | 20.45                       | 20.42                     | 21.20                  |
| 10              | QPSK       | 25      | 12        | 20.29                    | 20.40                       | 20.25                     | 21.20                  |
| 10              | QPSK       | 25      | 25        | 20.23                    | 20.38                       | 20.19                     | 21.20                  |
| 10              | QPSK       | 50      | 0         | 20.28                    | 20.42                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 1       | 0         | 20.18                    | 20.39                       | 20.24                     | 21.20                  |
| 10              | 16QAM      | 1       | 25        | 20.23                    | 20.37                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 1       | 49        | 20.24                    | 20.47                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 25      | 0         | 20.29                    | 20.40                       | 20.28                     | 21.20                  |
| 10              | 16QAM      | 25      | 12        | 20.26                    | 20.40                       | 20.27                     | 21.20                  |
| 10              | 16QAM      | 25      | 25        | 20.24                    | 20.46                       | 20.38                     | 21.20                  |
| 10              | 16QAM      | 50      | 0         | 20.22                    | 20.45                       | 20.25                     | 21.20                  |
| 10              | 64QAM      | 1       | 0         | 20.22                    | 20.40                       | 20.22                     | 21.20                  |
| 10              | 64QAM      | 1       | 25        | 20.28                    | 20.40                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 1       | 49        | 20.34                    | 20.48                       | 20.36                     | 21.20                  |
| 10              | 64QAM      | 25      | 0         | 20.19                    | 20.40                       | 20.24                     | 21.20                  |
| 10              | 64QAM      | 25      | 12        | 20.27                    | 20.46                       | 20.26                     | 21.20                  |
| 10              | 64QAM      | 25      | 25        | 20.25                    | 20.39                       | 20.29                     | 21.20                  |
| 10              | 64QAM      | 50      | 0         | 20.27                    | 20.43                       | 20.22                     | 21.20                  |
| 10              | 256QAM     | 1       | 0         | 19.87                    | 19.89                       | 19.74                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 19.68                    | 19.83                       | 19.71                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.73                    | 19.84                       | 19.74                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.96                    | 20.07                       | 19.92                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 20.03                    | 20.06                       | 19.97                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.96                    | 19.98                       | 19.81                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.94                    | 20.00                       | 19.87                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 20.45                    | 20.51                       | 20.43                     | 21.20                  |
| 5               | QPSK       | 1       | 12        | 20.19                    | 20.37                       | 20.26                     | 21.20                  |
| 5               | QPSK       | 1       | 24        | 20.08                    | 20.22                       | 20.25                     | 21.20                  |
| 5               | QPSK       | 12      | 0         | 20.38                    | 20.33                       | 20.30                     | 21.20                  |
| 5               | QPSK       | 12      | 7         | 20.23                    | 20.30                       | 20.14                     | 21.20                  |
| 5               | QPSK       | 12      | 13        | 20.12                    | 20.36                       | 20.13                     | 21.20                  |
| 5               | QPSK       | 25      | 0         | 20.17                    | 20.34                       | 20.23                     | 21.20                  |
| 5               | 16QAM      | 1       | 0         | 20.15                    | 20.24                       | 20.17                     | 21.20                  |
| 5               | 16QAM      | 1       | 12        | 20.21                    | 20.32                       | 20.22                     | 21.20                  |
| 5               | 16QAM      | 1       | 24        | 20.14                    | 20.37                       | 20.25                     | 21.20                  |
| 5               | 16QAM      | 12      | 0         | 20.15                    | 20.31                       | 20.23                     | 21.20                  |
| 5               | 16QAM      | 12      | 7         | 20.13                    | 20.34                       | 20.24                     | 21.20                  |
| 5               | 16QAM      | 12      | 13        | 20.19                    | 20.40                       | 20.36                     | 21.20                  |
| 5               | 16QAM      | 25      | 0         | 20.15                    | 20.31                       | 20.11                     | 21.20                  |
| 5               | 64QAM      | 1       | 0         | 20.13                    | 20.28                       | 20.09                     | 21.20                  |
| 5               | 64QAM      | 1       | 12        | 20.23                    | 20.31                       | 20.21                     | 21.20                  |
| 5               | 64QAM      | 1       | 24        | 20.22                    | 20.33                       | 20.31                     | 21.20                  |
| 5               | 64QAM      | 12      | 0         | 20.06                    | 20.32                       | 20.17                     | 21.20                  |
| 5               | 64QAM      | 12      | 7         | 20.12                    | 20.36                       | 20.15                     | 21.20                  |
| 5               | 64QAM      | 12      | 13        | 20.24                    | 20.32                       | 20.22                     | 21.20                  |
| 5               | 64QAM      | 25      | 0         | 20.16                    | 20.31                       | 20.12                     | 21.20                  |
| 5               | 256QAM     | 1       | 0         | 19.81                    | 19.84                       | 19.59                     | 20.70                  |
| 5               | 256QAM     | 1       | 12        | 19.59                    | 19.69                       | 19.65                     | 20.70                  |
| 5               | 256QAM     | 1       | 24        | 19.63                    | 19.76                       | 19.65                     | 20.70                  |
| 5               | 256QAM     | 12      | 0         | 19.93                    | 19.92                       | 19.90                     | 20.70                  |
| 5               | 256QAM     | 12      | 7         | 19.98                    | 20.00                       | 19.85                     | 20.70                  |
| 5               | 256QAM     | 12      | 13        | 19.95                    | 19.89                       | 19.72                     | 20.70                  |
| 5               | 256QAM     | 25      | 0         | 19.85                    | 19.96                       | 19.81                     | 20.70                  |
| Channel         |            |         |           | 20415                    | 20525                       | 20635                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 825.5                    | 836.5                       | 847.5                     |                        |
| 3               | QPSK       | 1       | 0         | 20.37                    | 20.48                       | 20.42                     | 21.20                  |
| 3               | QPSK       | 1       | 8         | 20.21                    | 20.33                       | 20.15                     | 21.20                  |
| 3               | QPSK       | 1       | 14        | 20.13                    | 20.30                       | 20.23                     | 21.20                  |
| 3               | QPSK       | 8       | 0         | 20.26                    | 20.34                       | 20.38                     | 21.20                  |
| 3               | QPSK       | 8       | 4         | 20.16                    | 20.26                       | 20.21                     | 21.20                  |
| 3               | QPSK       | 8       | 7         | 20.17                    | 20.36                       | 20.13                     | 21.20                  |
| 3               | QPSK       | 15      | 0         | 20.21                    | 20.29                       | 20.17                     | 21.20                  |
| 3               | 16QAM      | 1       | 0         | 20.12                    | 20.30                       | 20.20                     | 21.20                  |
| 3               | 16QAM      | 1       | 8         | 20.12                    | 20.25                       | 20.28                     | 21.20                  |
| 3               | 16QAM      | 1       | 14        | 20.17                    | 20.46                       | 20.24                     | 21.20                  |
| 3               | 16QAM      | 8       | 0         | 20.24                    | 20.32                       | 20.26                     | 21.20                  |
| 3               | 16QAM      | 8       | 4         | 20.19                    | 20.32                       | 20.16                     | 21.20                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 7  | 20.10 | 20.34 | 20.34 | 21.20                  |
| 3               | 16QAM  | 15 | 0  | 20.11 | 20.33 | 20.18 | 21.20                  |
| 3               | 64QAM  | 1  | 0  | 20.18 | 20.36 | 20.20 | 21.20                  |
| 3               | 64QAM  | 1  | 8  | 20.23 | 20.32 | 20.19 | 21.20                  |
| 3               | 64QAM  | 1  | 14 | 20.23 | 20.34 | 20.26 | 21.20                  |
| 3               | 64QAM  | 8  | 0  | 20.09 | 20.26 | 20.13 | 21.20                  |
| 3               | 64QAM  | 8  | 4  | 20.23 | 20.44 | 20.16 | 21.20                  |
| 3               | 64QAM  | 8  | 7  | 20.18 | 20.37 | 20.27 | 21.20                  |
| 3               | 64QAM  | 15 | 0  | 20.18 | 20.34 | 20.21 | 21.20                  |
| 3               | 256QAM | 1  | 0  | 19.78 | 19.88 | 19.66 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.55 | 19.68 | 19.65 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.61 | 19.82 | 19.67 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.82 | 19.94 | 19.83 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.95 | 19.97 | 19.91 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.86 | 19.87 | 19.69 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.88 | 19.99 | 19.80 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 20.37 | 20.55 | 20.44 | 21.20                  |
| 1.4             | QPSK   | 1  | 3  | 20.18 | 20.41 | 20.25 | 21.20                  |
| 1.4             | QPSK   | 1  | 5  | 20.15 | 20.21 | 20.22 | 21.20                  |
| 1.4             | QPSK   | 3  | 0  | 20.30 | 20.31 | 20.30 | 21.20                  |
| 1.4             | QPSK   | 3  | 1  | 20.26 | 20.37 | 20.24 | 21.20                  |
| 1.4             | QPSK   | 3  | 3  | 20.21 | 20.36 | 20.14 | 21.20                  |
| 1.4             | QPSK   | 6  | 0  | 20.21 | 20.30 | 20.20 | 21.20                  |
| 1.4             | 16QAM  | 1  | 0  | 20.04 | 20.31 | 20.17 | 21.20                  |
| 1.4             | 16QAM  | 1  | 3  | 20.15 | 20.25 | 20.18 | 21.20                  |
| 1.4             | 16QAM  | 1  | 5  | 20.17 | 20.37 | 20.26 | 21.20                  |
| 1.4             | 16QAM  | 3  | 0  | 20.26 | 20.28 | 20.16 | 21.20                  |
| 1.4             | 16QAM  | 3  | 1  | 20.18 | 20.37 | 20.24 | 21.20                  |
| 1.4             | 16QAM  | 3  | 3  | 20.18 | 20.33 | 20.33 | 21.20                  |
| 1.4             | 16QAM  | 6  | 0  | 20.20 | 20.38 | 20.13 | 21.20                  |
| 1.4             | 64QAM  | 1  | 0  | 20.11 | 20.25 | 20.14 | 21.20                  |
| 1.4             | 64QAM  | 1  | 3  | 20.22 | 20.26 | 20.25 | 21.20                  |
| 1.4             | 64QAM  | 1  | 5  | 20.21 | 20.39 | 20.31 | 21.20                  |
| 1.4             | 64QAM  | 3  | 0  | 20.05 | 20.26 | 20.18 | 21.20                  |
| 1.4             | 64QAM  | 3  | 1  | 20.15 | 20.35 | 20.25 | 21.20                  |
| 1.4             | 64QAM  | 3  | 3  | 20.16 | 20.24 | 20.20 | 21.20                  |
| 1.4             | 64QAM  | 6  | 0  | 20.15 | 20.29 | 20.17 | 21.20                  |
| 1.4             | 256QAM | 1  | 0  | 19.73 | 19.85 | 19.71 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.62 | 19.72 | 19.59 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.65 | 19.76 | 19.66 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.82 | 19.95 | 19.87 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.94 | 19.99 | 19.95 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.86 | 19.94 | 19.68 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.83 | 19.96 | 19.77 | 20.70                  |

**【LTE Band 5\_Ant 1\_ECI4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.05                    | 25.10                       | 25.06                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.83                    | 25.00                       | 24.89                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.90                    | 25.04                       | 24.92                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 24.01                    | 24.08                       | 24.05                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.96                    | 24.05                       | 23.94                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.84                    | 24.02                       | 23.92                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.98                    | 24.09                       | 23.93                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 24.06                    | 24.21                       | 24.04                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 24.01                    | 24.17                       | 24.02                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 24.15                    | 24.22                       | 24.10                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 23.05                    | 23.12                       | 23.01                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.96                    | 23.10                       | 22.98                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.92                    | 23.04                       | 22.95                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 22.96                    | 23.09                       | 22.94                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.12                    | 23.20                       | 23.14                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 23.03                    | 23.18                       | 23.08                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 23.12                    | 23.21                       | 23.15                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 22.01                    | 22.08                       | 21.97                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 21.91                    | 22.06                       | 21.91                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 21.90                    | 22.03                       | 21.88                     | 22.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 50 | 0  | 21.97 | 22.06 | 21.99 | 22.70         |
| 10              | 256QAM | 1  | 0  | 19.99 | 20.14 | 20.10 | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.99 | 20.17 | 20.12 | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.96 | 20.14 | 20.00 | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.89 | 20.04 | 19.91 | 20.70         |
| 10              | 256QAM | 25 | 12 | 19.89 | 20.02 | 19.92 | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.86 | 20.01 | 19.93 | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.85 | 20.04 | 19.89 | 20.70         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.97 | 25.01 | 25.05 | 25.70         |
| 5               | QPSK   | 1  | 12 | 24.84 | 24.92 | 24.82 | 25.70         |
| 5               | QPSK   | 1  | 24 | 24.87 | 24.93 | 24.94 | 25.70         |
| 5               | QPSK   | 12 | 0  | 24.00 | 24.14 | 23.86 | 24.70         |
| 5               | QPSK   | 12 | 7  | 23.95 | 23.99 | 23.93 | 24.70         |
| 5               | QPSK   | 12 | 13 | 24.04 | 24.06 | 24.04 | 24.70         |
| 5               | QPSK   | 25 | 0  | 23.93 | 24.09 | 23.97 | 24.70         |
| 5               | 16QAM  | 1  | 0  | 24.21 | 24.29 | 24.32 | 24.70         |
| 5               | 16QAM  | 1  | 12 | 23.93 | 24.03 | 23.99 | 24.70         |
| 5               | 16QAM  | 1  | 24 | 24.15 | 24.29 | 24.29 | 24.70         |
| 5               | 16QAM  | 12 | 0  | 23.06 | 22.98 | 22.95 | 23.70         |
| 5               | 16QAM  | 12 | 7  | 22.92 | 22.94 | 22.88 | 23.70         |
| 5               | 16QAM  | 12 | 13 | 22.94 | 22.90 | 22.84 | 23.70         |
| 5               | 16QAM  | 25 | 0  | 22.98 | 22.99 | 23.01 | 23.70         |
| 5               | 64QAM  | 1  | 0  | 23.11 | 23.29 | 23.20 | 23.70         |
| 5               | 64QAM  | 1  | 12 | 23.08 | 23.20 | 23.05 | 23.70         |
| 5               | 64QAM  | 1  | 24 | 23.14 | 23.16 | 23.03 | 23.70         |
| 5               | 64QAM  | 12 | 0  | 22.04 | 22.09 | 21.96 | 22.70         |
| 5               | 64QAM  | 12 | 7  | 21.87 | 21.99 | 21.81 | 22.70         |
| 5               | 64QAM  | 12 | 13 | 21.98 | 22.00 | 21.89 | 22.70         |
| 5               | 64QAM  | 25 | 0  | 21.90 | 22.00 | 21.93 | 22.70         |
| 5               | 256QAM | 1  | 0  | 20.16 | 20.19 | 20.02 | 20.70         |
| 5               | 256QAM | 1  | 12 | 20.00 | 20.07 | 20.10 | 20.70         |
| 5               | 256QAM | 1  | 24 | 20.02 | 20.07 | 20.02 | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.99 | 20.05 | 19.98 | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.86 | 19.97 | 19.98 | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.81 | 19.97 | 19.85 | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.96 | 19.95 | 19.91 | 20.70         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 25.06 | 24.99 | 24.95 | 25.70         |
| 3               | QPSK   | 1  | 8  | 24.93 | 24.83 | 24.80 | 25.70         |
| 3               | QPSK   | 1  | 14 | 24.78 | 24.91 | 24.90 | 25.70         |
| 3               | QPSK   | 8  | 0  | 24.01 | 24.11 | 23.87 | 24.70         |
| 3               | QPSK   | 8  | 4  | 23.96 | 24.00 | 23.94 | 24.70         |
| 3               | QPSK   | 8  | 7  | 24.02 | 24.02 | 23.98 | 24.70         |
| 3               | QPSK   | 15 | 0  | 23.91 | 24.03 | 24.03 | 24.70         |
| 3               | 16QAM  | 1  | 0  | 24.29 | 24.28 | 24.29 | 24.70         |
| 3               | 16QAM  | 1  | 8  | 23.91 | 23.97 | 23.96 | 24.70         |
| 3               | 16QAM  | 1  | 14 | 24.15 | 24.28 | 24.29 | 24.70         |
| 3               | 16QAM  | 8  | 0  | 22.96 | 23.09 | 23.03 | 23.70         |
| 3               | 16QAM  | 8  | 4  | 23.02 | 23.05 | 22.88 | 23.70         |
| 3               | 16QAM  | 8  | 7  | 23.00 | 22.93 | 22.93 | 23.70         |
| 3               | 16QAM  | 15 | 0  | 22.93 | 22.95 | 23.03 | 23.70         |
| 3               | 64QAM  | 1  | 0  | 23.19 | 23.29 | 23.11 | 23.70         |
| 3               | 64QAM  | 1  | 8  | 23.06 | 23.23 | 23.06 | 23.70         |
| 3               | 64QAM  | 1  | 14 | 23.03 | 23.22 | 23.07 | 23.70         |
| 3               | 64QAM  | 8  | 0  | 22.09 | 22.06 | 21.97 | 22.70         |
| 3               | 64QAM  | 8  | 4  | 21.96 | 21.95 | 21.89 | 22.70         |
| 3               | 64QAM  | 8  | 7  | 21.94 | 21.98 | 21.94 | 22.70         |
| 3               | 64QAM  | 15 | 0  | 21.86 | 21.98 | 21.96 | 22.70         |
| 3               | 256QAM | 1  | 0  | 20.10 | 20.20 | 19.99 | 20.70         |
| 3               | 256QAM | 1  | 8  | 20.00 | 20.00 | 20.09 | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.97 | 20.13 | 19.96 | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.92 | 19.99 | 19.94 | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.83 | 19.99 | 19.89 | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.86 | 19.91 | 19.86 | 20.70         |
| 3               | 256QAM | 15 | 0  | 20.02 | 19.94 | 19.98 | 20.70         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 24.93 | 24.95 | 24.95 | 25.70         |
| 1.4             | QPSK   | 1  | 3  | 24.92 | 24.90 | 24.85 | 25.70         |
| 1.4             | QPSK   | 1  | 5  | 24.82 | 24.98 | 24.88 | 25.70         |
| 1.4             | QPSK   | 3  | 0  | 25.04 | 25.05 | 24.87 | 25.70         |
| 1.4             | QPSK   | 3  | 1  | 24.91 | 24.99 | 24.90 | 25.70         |
| 1.4             | QPSK   | 3  | 3  | 25.03 | 24.96 | 25.01 | 25.70         |
| 1.4             | QPSK   | 6  | 0  | 23.86 | 24.02 | 24.00 | 24.70         |
| 1.4             | 16QAM  | 1  | 0  | 24.30 | 24.33 | 24.23 | 24.70         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 3 | 23.95 | 24.08 | 23.89 | 24.70 |
| 1.4 | 16QAM  | 1 | 5 | 24.23 | 24.33 | 24.24 | 24.70 |
| 1.4 | 16QAM  | 3 | 0 | 23.99 | 24.11 | 24.05 | 24.70 |
| 1.4 | 16QAM  | 3 | 1 | 24.03 | 24.01 | 23.88 | 24.70 |
| 1.4 | 16QAM  | 3 | 3 | 23.93 | 23.93 | 23.94 | 24.70 |
| 1.4 | 16QAM  | 6 | 0 | 22.99 | 22.97 | 22.96 | 23.70 |
| 1.4 | 64QAM  | 1 | 0 | 23.11 | 23.20 | 23.07 | 23.70 |
| 1.4 | 64QAM  | 1 | 3 | 23.02 | 23.16 | 23.14 | 23.70 |
| 1.4 | 64QAM  | 1 | 5 | 23.07 | 23.20 | 23.08 | 23.70 |
| 1.4 | 64QAM  | 3 | 0 | 22.99 | 23.00 | 22.98 | 23.70 |
| 1.4 | 64QAM  | 3 | 1 | 22.88 | 23.06 | 22.90 | 23.70 |
| 1.4 | 64QAM  | 3 | 3 | 22.88 | 22.89 | 22.85 | 23.70 |
| 1.4 | 64QAM  | 6 | 0 | 21.88 | 22.05 | 21.88 | 22.70 |
| 1.4 | 256QAM | 1 | 0 | 20.07 | 20.14 | 20.06 | 20.70 |
| 1.4 | 256QAM | 1 | 3 | 19.98 | 20.10 | 20.02 | 20.70 |
| 1.4 | 256QAM | 1 | 5 | 20.03 | 20.05 | 20.00 | 20.70 |
| 1.4 | 256QAM | 3 | 0 | 19.92 | 20.04 | 19.90 | 20.70 |
| 1.4 | 256QAM | 3 | 1 | 19.79 | 20.00 | 19.92 | 20.70 |
| 1.4 | 256QAM | 3 | 3 | 19.89 | 19.96 | 19.91 | 20.70 |
| 1.4 | 256QAM | 6 | 0 | 19.96 | 19.96 | 19.88 | 20.70 |

【LTE Band 5\_Ant 1\_ECI4-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.09                    | 25.10                       | 25.01                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 24.90                    | 25.05                       | 24.86                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 24.91                    | 25.02                       | 24.83                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 24.06                    | 24.12                       | 24.02                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 23.91                    | 24.07                       | 23.94                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 24.02                    | 24.11                       | 23.96                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 23.95                    | 24.08                       | 23.97                     | 24.70                  |
| 10              | 16QAM      | 1       | 0         | 23.96                    | 24.12                       | 23.94                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.98                    | 24.09                       | 23.91                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 23.94                    | 23.98                       | 23.75                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.94                    | 23.02                       | 22.88                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.97                    | 22.99                       | 22.84                     | 23.70                  |
| 10              | 16QAM      | 25      | 25        | 22.95                    | 23.03                       | 22.87                     | 23.70                  |
| 10              | 16QAM      | 50      | 0         | 23.00                    | 23.12                       | 22.93                     | 23.70                  |
| 10              | 64QAM      | 1       | 0         | 23.02                    | 23.09                       | 22.92                     | 23.70                  |
| 10              | 64QAM      | 1       | 25        | 22.92                    | 23.02                       | 22.85                     | 23.70                  |
| 10              | 64QAM      | 1       | 49        | 22.86                    | 22.92                       | 22.81                     | 23.70                  |
| 10              | 64QAM      | 25      | 0         | 21.88                    | 22.02                       | 21.90                     | 22.70                  |
| 10              | 64QAM      | 25      | 12        | 22.04                    | 22.06                       | 21.92                     | 22.70                  |
| 10              | 64QAM      | 25      | 25        | 22.04                    | 22.10                       | 21.92                     | 22.70                  |
| 10              | 64QAM      | 50      | 0         | 21.98                    | 22.07                       | 21.89                     | 22.70                  |
| 10              | 256QAM     | 1       | 0         | 19.87                    | 19.89                       | 19.74                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 19.68                    | 19.83                       | 19.71                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.73                    | 19.84                       | 19.74                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.96                    | 20.07                       | 19.92                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 20.03                    | 20.06                       | 19.97                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.96                    | 19.98                       | 19.81                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.94                    | 20.00                       | 19.87                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.95                    | 24.99                       | 24.91                     | 25.70                  |
| 5               | QPSK       | 1       | 12        | 24.81                    | 24.94                       | 24.83                     | 25.70                  |
| 5               | QPSK       | 1       | 24        | 24.86                    | 24.92                       | 24.82                     | 25.70                  |
| 5               | QPSK       | 12      | 0         | 24.05                    | 24.09                       | 23.87                     | 24.70                  |
| 5               | QPSK       | 12      | 7         | 23.86                    | 23.92                       | 23.92                     | 24.70                  |
| 5               | QPSK       | 12      | 13        | 23.93                    | 23.97                       | 23.87                     | 24.70                  |
| 5               | QPSK       | 25      | 0         | 23.83                    | 24.04                       | 23.94                     | 24.70                  |
| 5               | 16QAM      | 1       | 0         | 23.88                    | 24.04                       | 23.92                     | 24.70                  |
| 5               | 16QAM      | 1       | 12        | 23.97                    | 24.02                       | 23.88                     | 24.70                  |
| 5               | 16QAM      | 1       | 24        | 23.86                    | 23.91                       | 23.65                     | 24.70                  |
| 5               | 16QAM      | 12      | 0         | 22.79                    | 22.89                       | 22.81                     | 23.70                  |
| 5               | 16QAM      | 12      | 7         | 22.94                    | 22.93                       | 22.75                     | 23.70                  |
| 5               | 16QAM      | 12      | 13        | 22.84                    | 22.94                       | 22.74                     | 23.70                  |
| 5               | 16QAM      | 25      | 0         | 22.93                    | 23.00                       | 22.84                     | 23.70                  |
| 5               | 64QAM      | 1       | 0         | 22.96                    | 23.08                       | 22.85                     | 23.70                  |
| 5               | 64QAM      | 1       | 12        | 22.88                    | 22.88                       | 22.77                     | 23.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 5               | 64QAM  | 1  | 24 | 22.75 | 22.90 | 22.66 | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.78 | 21.93 | 21.81 | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 22.02 | 22.03 | 21.85 | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.93 | 22.05 | 21.85 | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 21.96 | 21.95 | 21.87 | 22.70                  |
| 5               | 256QAM | 1  | 0  | 19.84 | 19.81 | 19.68 | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.57 | 19.69 | 19.64 | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.58 | 19.75 | 19.73 | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.83 | 20.03 | 19.91 | 20.70                  |
| 5               | 256QAM | 12 | 7  | 20.01 | 19.96 | 19.96 | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.86 | 19.97 | 19.74 | 20.70                  |
| 5               | 256QAM | 25 | 0  | 19.83 | 19.88 | 19.79 | 20.70                  |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.96 | 25.02 | 24.91 | 25.70                  |
| 3               | QPSK   | 1  | 8  | 24.88 | 24.96 | 24.76 | 25.70                  |
| 3               | QPSK   | 1  | 14 | 24.76 | 24.92 | 24.78 | 25.70                  |
| 3               | QPSK   | 8  | 0  | 24.04 | 24.03 | 23.92 | 24.70                  |
| 3               | QPSK   | 8  | 4  | 23.82 | 23.94 | 23.89 | 24.70                  |
| 3               | QPSK   | 8  | 7  | 24.01 | 24.05 | 23.88 | 24.70                  |
| 3               | QPSK   | 15 | 0  | 23.83 | 23.95 | 23.83 | 24.70                  |
| 3               | 16QAM  | 1  | 0  | 23.92 | 23.98 | 23.80 | 24.70                  |
| 3               | 16QAM  | 1  | 8  | 23.90 | 23.94 | 23.85 | 24.70                  |
| 3               | 16QAM  | 1  | 14 | 23.92 | 23.96 | 23.67 | 24.70                  |
| 3               | 16QAM  | 8  | 0  | 22.81 | 22.91 | 22.81 | 23.70                  |
| 3               | 16QAM  | 8  | 4  | 22.94 | 22.94 | 22.77 | 23.70                  |
| 3               | 16QAM  | 8  | 7  | 22.91 | 22.89 | 22.75 | 23.70                  |
| 3               | 16QAM  | 15 | 0  | 22.88 | 23.09 | 22.79 | 23.70                  |
| 3               | 64QAM  | 1  | 0  | 22.96 | 23.05 | 22.80 | 23.70                  |
| 3               | 64QAM  | 1  | 8  | 22.83 | 22.91 | 22.82 | 23.70                  |
| 3               | 64QAM  | 1  | 14 | 22.71 | 22.87 | 22.79 | 23.70                  |
| 3               | 64QAM  | 8  | 0  | 21.78 | 21.95 | 21.84 | 22.70                  |
| 3               | 64QAM  | 8  | 4  | 21.97 | 22.02 | 21.77 | 22.70                  |
| 3               | 64QAM  | 8  | 7  | 22.00 | 22.09 | 21.78 | 22.70                  |
| 3               | 64QAM  | 15 | 0  | 21.92 | 21.96 | 21.75 | 22.70                  |
| 3               | 256QAM | 1  | 0  | 19.75 | 19.85 | 19.64 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.60 | 19.74 | 19.59 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.61 | 19.72 | 19.65 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.93 | 19.96 | 19.88 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.92 | 19.92 | 19.94 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.82 | 19.96 | 19.71 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.90 | 19.97 | 19.86 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.99 | 24.95 | 24.99 | 25.70                  |
| 1.4             | QPSK   | 1  | 3  | 24.78 | 25.04 | 24.83 | 25.70                  |
| 1.4             | QPSK   | 1  | 5  | 24.88 | 24.98 | 24.76 | 25.70                  |
| 1.4             | QPSK   | 3  | 0  | 24.95 | 25.03 | 24.90 | 25.70                  |
| 1.4             | QPSK   | 3  | 1  | 24.88 | 24.96 | 24.88 | 25.70                  |
| 1.4             | QPSK   | 3  | 3  | 24.91 | 25.06 | 24.89 | 25.70                  |
| 1.4             | QPSK   | 6  | 0  | 23.90 | 24.06 | 23.91 | 24.70                  |
| 1.4             | 16QAM  | 1  | 0  | 23.82 | 24.04 | 23.88 | 24.70                  |
| 1.4             | 16QAM  | 1  | 3  | 23.86 | 24.06 | 23.84 | 24.70                  |
| 1.4             | 16QAM  | 1  | 5  | 23.91 | 23.87 | 23.73 | 24.70                  |
| 1.4             | 16QAM  | 3  | 0  | 23.93 | 23.96 | 23.80 | 24.70                  |
| 1.4             | 16QAM  | 3  | 1  | 23.94 | 23.87 | 23.80 | 24.70                  |
| 1.4             | 16QAM  | 3  | 3  | 23.82 | 23.92 | 23.77 | 24.70                  |
| 1.4             | 16QAM  | 6  | 0  | 22.86 | 23.00 | 22.85 | 23.70                  |
| 1.4             | 64QAM  | 1  | 0  | 22.95 | 23.02 | 22.86 | 23.70                  |
| 1.4             | 64QAM  | 1  | 3  | 22.88 | 22.87 | 22.72 | 23.70                  |
| 1.4             | 64QAM  | 1  | 5  | 22.79 | 22.85 | 22.66 | 23.70                  |
| 1.4             | 64QAM  | 3  | 0  | 22.76 | 22.89 | 22.81 | 23.70                  |
| 1.4             | 64QAM  | 3  | 1  | 22.97 | 23.01 | 22.85 | 23.70                  |
| 1.4             | 64QAM  | 3  | 3  | 22.91 | 23.08 | 22.83 | 23.70                  |
| 1.4             | 64QAM  | 6  | 0  | 21.96 | 21.93 | 21.84 | 22.70                  |
| 1.4             | 256QAM | 1  | 0  | 19.79 | 19.78 | 19.62 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.59 | 19.75 | 19.65 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.65 | 19.73 | 19.67 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.81 | 20.04 | 19.82 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.99 | 19.94 | 19.87 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.86 | 19.91 | 19.66 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.80 | 19.91 | 19.77 | 20.70                  |

**【LTE Band 5\_Ant 1\_ECI5】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 20.51                    | 20.55                       | 20.53                     | 21.20                  |
| 10              | QPSK       | 1       | 25        | 20.26                    | 20.43                       | 20.37                     | 21.20                  |
| 10              | QPSK       | 1       | 49        | 20.39                    | 20.49                       | 20.46                     | 21.20                  |
| 10              | QPSK       | 25      | 0         | 20.35                    | 20.50                       | 20.41                     | 21.20                  |
| 10              | QPSK       | 25      | 12        | 20.32                    | 20.45                       | 20.28                     | 21.20                  |
| 10              | QPSK       | 25      | 25        | 20.30                    | 20.48                       | 20.38                     | 21.20                  |
| 10              | QPSK       | 50      | 0         | 20.37                    | 20.42                       | 20.26                     | 21.20                  |
| 10              | 16QAM      | 1       | 0         | 20.27                    | 20.43                       | 20.37                     | 21.20                  |
| 10              | 16QAM      | 1       | 25        | 20.35                    | 20.44                       | 20.28                     | 21.20                  |
| 10              | 16QAM      | 1       | 49        | 20.33                    | 20.47                       | 20.41                     | 21.20                  |
| 10              | 16QAM      | 25      | 0         | 20.28                    | 20.46                       | 20.35                     | 21.20                  |
| 10              | 16QAM      | 25      | 12        | 20.40                    | 20.45                       | 20.32                     | 21.20                  |
| 10              | 16QAM      | 25      | 25        | 20.18                    | 20.30                       | 20.23                     | 21.20                  |
| 10              | 16QAM      | 50      | 0         | 20.23                    | 20.32                       | 20.27                     | 21.20                  |
| 10              | 64QAM      | 1       | 0         | 20.09                    | 20.28                       | 20.23                     | 21.20                  |
| 10              | 64QAM      | 1       | 25        | 20.25                    | 20.37                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 1       | 49        | 20.25                    | 20.40                       | 20.30                     | 21.20                  |
| 10              | 64QAM      | 25      | 0         | 20.21                    | 20.40                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 25      | 12        | 20.17                    | 20.33                       | 20.22                     | 21.20                  |
| 10              | 64QAM      | 25      | 25        | 20.31                    | 20.41                       | 20.28                     | 21.20                  |
| 10              | 64QAM      | 50      | 0         | 20.11                    | 20.28                       | 20.14                     | 21.20                  |
| 10              | 256QAM     | 1       | 0         | 19.88                    | 20.03                       | 19.95                     | 20.70                  |
| 10              | 256QAM     | 1       | 25        | 19.85                    | 19.92                       | 19.88                     | 20.70                  |
| 10              | 256QAM     | 1       | 49        | 19.79                    | 19.97                       | 19.87                     | 20.70                  |
| 10              | 256QAM     | 25      | 0         | 19.84                    | 19.95                       | 19.85                     | 20.70                  |
| 10              | 256QAM     | 25      | 12        | 19.87                    | 19.99                       | 19.83                     | 20.70                  |
| 10              | 256QAM     | 25      | 25        | 19.80                    | 19.93                       | 19.82                     | 20.70                  |
| 10              | 256QAM     | 50      | 0         | 19.87                    | 19.94                       | 19.85                     | 20.70                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     | (dBm)                  |
| 5               | QPSK       | 1       | 0         | 20.39                    | 20.51                       | 20.50                     | 21.20                  |
| 5               | QPSK       | 1       | 12        | 20.17                    | 20.35                       | 20.23                     | 21.20                  |
| 5               | QPSK       | 1       | 24        | 20.32                    | 20.47                       | 20.36                     | 21.20                  |
| 5               | QPSK       | 12      | 0         | 20.34                    | 20.40                       | 20.36                     | 21.20                  |
| 5               | QPSK       | 12      | 7         | 20.20                    | 20.39                       | 20.26                     | 21.20                  |
| 5               | QPSK       | 12      | 13        | 20.27                    | 20.44                       | 20.35                     | 21.20                  |
| 5               | QPSK       | 25      | 0         | 20.30                    | 20.37                       | 20.23                     | 21.20                  |
| 5               | 16QAM      | 1       | 0         | 20.13                    | 20.32                       | 20.34                     | 21.20                  |
| 5               | 16QAM      | 1       | 12        | 20.25                    | 20.42                       | 20.24                     | 21.20                  |
| 5               | 16QAM      | 1       | 24        | 20.27                    | 20.43                       | 20.31                     | 21.20                  |
| 5               | 16QAM      | 12      | 0         | 20.27                    | 20.34                       | 20.28                     | 21.20                  |
| 5               | 16QAM      | 12      | 7         | 20.36                    | 20.31                       | 20.19                     | 21.20                  |
| 5               | 16QAM      | 12      | 13        | 20.08                    | 20.21                       | 20.21                     | 21.20                  |
| 5               | 16QAM      | 25      | 0         | 20.13                    | 20.30                       | 20.14                     | 21.20                  |
| 5               | 64QAM      | 1       | 0         | 20.01                    | 20.17                       | 20.09                     | 21.20                  |
| 5               | 64QAM      | 1       | 12        | 20.20                    | 20.33                       | 20.18                     | 21.20                  |
| 5               | 64QAM      | 1       | 24        | 20.23                    | 20.38                       | 20.17                     | 21.20                  |
| 5               | 64QAM      | 12      | 0         | 20.16                    | 20.36                       | 20.31                     | 21.20                  |
| 5               | 64QAM      | 12      | 7         | 20.08                    | 20.24                       | 20.17                     | 21.20                  |
| 5               | 64QAM      | 12      | 13        | 20.20                    | 20.40                       | 20.14                     | 21.20                  |
| 5               | 64QAM      | 25      | 0         | 20.06                    | 20.16                       | 20.01                     | 21.20                  |
| 5               | 256QAM     | 1       | 0         | 19.78                    | 19.97                       | 19.83                     | 20.70                  |
| 5               | 256QAM     | 1       | 12        | 19.71                    | 19.82                       | 19.73                     | 20.70                  |
| 5               | 256QAM     | 1       | 24        | 19.67                    | 19.89                       | 19.82                     | 20.70                  |
| 5               | 256QAM     | 12      | 0         | 19.80                    | 19.90                       | 19.84                     | 20.70                  |
| 5               | 256QAM     | 12      | 7         | 19.80                    | 19.89                       | 19.82                     | 20.70                  |
| 5               | 256QAM     | 12      | 13        | 19.74                    | 19.79                       | 19.71                     | 20.70                  |
| 5               | 256QAM     | 25      | 0         | 19.72                    | 19.85                       | 19.75                     | 20.70                  |
| Channel         |            |         |           | 20415                    | 20525                       | 20635                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 825.5                    | 836.5                       | 847.5                     | (dBm)                  |
| 3               | QPSK       | 1       | 0         | 20.38                    | 20.41                       | 20.46                     | 21.20                  |
| 3               | QPSK       | 1       | 8         | 20.11                    | 20.31                       | 20.35                     | 21.20                  |
| 3               | QPSK       | 1       | 14        | 20.25                    | 20.36                       | 20.37                     | 21.20                  |
| 3               | QPSK       | 8       | 0         | 20.26                    | 20.41                       | 20.39                     | 21.20                  |
| 3               | QPSK       | 8       | 4         | 20.24                    | 20.39                       | 20.18                     | 21.20                  |
| 3               | QPSK       | 8       | 7         | 20.26                    | 20.40                       | 20.25                     | 21.20                  |
| 3               | QPSK       | 15      | 0         | 20.23                    | 20.39                       | 20.22                     | 21.20                  |
| 3               | 16QAM      | 1       | 0         | 20.21                    | 20.31                       | 20.23                     | 21.20                  |
| 3               | 16QAM      | 1       | 8         | 20.23                    | 20.39                       | 20.19                     | 21.20                  |
| 3               | 16QAM      | 1       | 14        | 20.31                    | 20.46                       | 20.39                     | 21.20                  |
| 3               | 16QAM      | 8       | 0         | 20.15                    | 20.32                       | 20.28                     | 21.20                  |
| 3               | 16QAM      | 8       | 4         | 20.33                    | 20.33                       | 20.30                     | 21.20                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 7  | 20.04 | 20.23 | 20.13 | 21.20                  |
| 3               | 16QAM  | 15 | 0  | 20.16 | 20.27 | 20.20 | 21.20                  |
| 3               | 64QAM  | 1  | 0  | 20.03 | 20.27 | 20.12 | 21.20                  |
| 3               | 64QAM  | 1  | 8  | 20.22 | 20.27 | 20.20 | 21.20                  |
| 3               | 64QAM  | 1  | 14 | 20.23 | 20.33 | 20.21 | 21.20                  |
| 3               | 64QAM  | 8  | 0  | 20.06 | 20.38 | 20.20 | 21.20                  |
| 3               | 64QAM  | 8  | 4  | 20.10 | 20.18 | 20.07 | 21.20                  |
| 3               | 64QAM  | 8  | 7  | 20.23 | 20.39 | 20.13 | 21.20                  |
| 3               | 64QAM  | 15 | 0  | 20.01 | 20.21 | 20.02 | 21.20                  |
| 3               | 256QAM | 1  | 0  | 19.74 | 19.95 | 19.90 | 20.70                  |
| 3               | 256QAM | 1  | 8  | 19.73 | 19.87 | 19.73 | 20.70                  |
| 3               | 256QAM | 1  | 14 | 19.76 | 19.89 | 19.82 | 20.70                  |
| 3               | 256QAM | 8  | 0  | 19.80 | 19.87 | 19.79 | 20.70                  |
| 3               | 256QAM | 8  | 4  | 19.80 | 19.85 | 19.73 | 20.70                  |
| 3               | 256QAM | 8  | 7  | 19.75 | 19.92 | 19.72 | 20.70                  |
| 3               | 256QAM | 15 | 0  | 19.74 | 19.80 | 19.77 | 20.70                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 20.38 | 20.45 | 20.48 | 21.20                  |
| 1.4             | QPSK   | 1  | 3  | 20.25 | 20.36 | 20.32 | 21.20                  |
| 1.4             | QPSK   | 1  | 5  | 20.28 | 20.41 | 20.36 | 21.20                  |
| 1.4             | QPSK   | 3  | 0  | 20.23 | 20.39 | 20.35 | 21.20                  |
| 1.4             | QPSK   | 3  | 1  | 20.24 | 20.33 | 20.13 | 21.20                  |
| 1.4             | QPSK   | 3  | 3  | 20.22 | 20.37 | 20.33 | 21.20                  |
| 1.4             | QPSK   | 6  | 0  | 20.28 | 20.41 | 20.21 | 21.20                  |
| 1.4             | 16QAM  | 1  | 0  | 20.18 | 20.36 | 20.25 | 21.20                  |
| 1.4             | 16QAM  | 1  | 3  | 20.26 | 20.42 | 20.19 | 21.20                  |
| 1.4             | 16QAM  | 1  | 5  | 20.25 | 20.33 | 20.32 | 21.20                  |
| 1.4             | 16QAM  | 3  | 0  | 20.17 | 20.41 | 20.26 | 21.20                  |
| 1.4             | 16QAM  | 3  | 1  | 20.31 | 20.37 | 20.22 | 21.20                  |
| 1.4             | 16QAM  | 3  | 3  | 20.14 | 20.23 | 20.11 | 21.20                  |
| 1.4             | 16QAM  | 6  | 0  | 20.13 | 20.20 | 20.18 | 21.20                  |
| 1.4             | 64QAM  | 1  | 0  | 20.02 | 20.20 | 20.13 | 21.20                  |
| 1.4             | 64QAM  | 1  | 3  | 20.17 | 20.34 | 20.25 | 21.20                  |
| 1.4             | 64QAM  | 1  | 5  | 20.17 | 20.36 | 20.17 | 21.20                  |
| 1.4             | 64QAM  | 3  | 0  | 20.19 | 20.25 | 20.28 | 21.20                  |
| 1.4             | 64QAM  | 3  | 1  | 20.06 | 20.30 | 20.16 | 21.20                  |
| 1.4             | 64QAM  | 3  | 3  | 20.23 | 20.28 | 20.20 | 21.20                  |
| 1.4             | 64QAM  | 6  | 0  | 20.10 | 20.27 | 20.10 | 21.20                  |
| 1.4             | 256QAM | 1  | 0  | 19.83 | 19.99 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 1  | 3  | 19.77 | 19.90 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 1  | 5  | 19.76 | 19.82 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 3  | 0  | 19.80 | 19.80 | 19.80 | 20.70                  |
| 1.4             | 256QAM | 3  | 1  | 19.86 | 19.85 | 19.81 | 20.70                  |
| 1.4             | 256QAM | 3  | 3  | 19.70 | 19.78 | 19.74 | 20.70                  |
| 1.4             | 256QAM | 6  | 0  | 19.80 | 19.90 | 19.79 | 20.70                  |

**【LTE Band 5\_Ant 1\_ECI5-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 20.51                    | 20.59                       | 20.53                     | 21.20                  |
| 10              | QPSK       | 1       | 25        | 20.33                    | 20.46                       | 20.30                     | 21.20                  |
| 10              | QPSK       | 1       | 49        | 20.17                    | 20.36                       | 20.27                     | 21.20                  |
| 10              | QPSK       | 25      | 0         | 20.39                    | 20.45                       | 20.42                     | 21.20                  |
| 10              | QPSK       | 25      | 12        | 20.29                    | 20.40                       | 20.25                     | 21.20                  |
| 10              | QPSK       | 25      | 25        | 20.23                    | 20.38                       | 20.19                     | 21.20                  |
| 10              | QPSK       | 50      | 0         | 20.28                    | 20.42                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 1       | 0         | 20.18                    | 20.39                       | 20.24                     | 21.20                  |
| 10              | 16QAM      | 1       | 25        | 20.23                    | 20.37                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 1       | 49        | 20.24                    | 20.47                       | 20.30                     | 21.20                  |
| 10              | 16QAM      | 25      | 0         | 20.29                    | 20.40                       | 20.28                     | 21.20                  |
| 10              | 16QAM      | 25      | 12        | 20.26                    | 20.40                       | 20.27                     | 21.20                  |
| 10              | 16QAM      | 25      | 25        | 20.24                    | 20.46                       | 20.38                     | 21.20                  |
| 10              | 16QAM      | 50      | 0         | 20.22                    | 20.45                       | 20.25                     | 21.20                  |
| 10              | 64QAM      | 1       | 0         | 20.22                    | 20.40                       | 20.22                     | 21.20                  |
| 10              | 64QAM      | 1       | 25        | 20.28                    | 20.40                       | 20.33                     | 21.20                  |
| 10              | 64QAM      | 1       | 49        | 20.34                    | 20.48                       | 20.36                     | 21.20                  |
| 10              | 64QAM      | 25      | 0         | 20.19                    | 20.40                       | 20.24                     | 21.20                  |
| 10              | 64QAM      | 25      | 12        | 20.27                    | 20.46                       | 20.26                     | 21.20                  |
| 10              | 64QAM      | 25      | 25        | 20.25                    | 20.39                       | 20.29                     | 21.20                  |



# FCC SAR Test Report

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|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 50 | 0  | 20.27 | 20.43 | 20.22 | 21.20         |
| 10              | 256QAM | 1  | 0  | 19.87 | 19.89 | 19.74 | 20.70         |
| 10              | 256QAM | 1  | 25 | 19.68 | 19.83 | 19.71 | 20.70         |
| 10              | 256QAM | 1  | 49 | 19.73 | 19.84 | 19.74 | 20.70         |
| 10              | 256QAM | 25 | 0  | 19.96 | 20.07 | 19.92 | 20.70         |
| 10              | 256QAM | 25 | 12 | 20.03 | 20.06 | 19.97 | 20.70         |
| 10              | 256QAM | 25 | 25 | 19.96 | 19.98 | 19.81 | 20.70         |
| 10              | 256QAM | 50 | 0  | 19.94 | 20.00 | 19.87 | 20.70         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 20.45 | 20.51 | 20.43 | 21.20         |
| 5               | QPSK   | 1  | 12 | 20.19 | 20.37 | 20.26 | 21.20         |
| 5               | QPSK   | 1  | 24 | 20.08 | 20.22 | 20.25 | 21.20         |
| 5               | QPSK   | 12 | 0  | 20.38 | 20.33 | 20.30 | 21.20         |
| 5               | QPSK   | 12 | 7  | 20.23 | 20.30 | 20.14 | 21.20         |
| 5               | QPSK   | 12 | 13 | 20.12 | 20.36 | 20.13 | 21.20         |
| 5               | QPSK   | 25 | 0  | 20.17 | 20.34 | 20.23 | 21.20         |
| 5               | 16QAM  | 1  | 0  | 20.15 | 20.24 | 20.17 | 21.20         |
| 5               | 16QAM  | 1  | 12 | 20.21 | 20.32 | 20.22 | 21.20         |
| 5               | 16QAM  | 1  | 24 | 20.14 | 20.37 | 20.25 | 21.20         |
| 5               | 16QAM  | 12 | 0  | 20.15 | 20.31 | 20.23 | 21.20         |
| 5               | 16QAM  | 12 | 7  | 20.13 | 20.34 | 20.24 | 21.20         |
| 5               | 16QAM  | 12 | 13 | 20.19 | 20.40 | 20.36 | 21.20         |
| 5               | 16QAM  | 25 | 0  | 20.15 | 20.31 | 20.11 | 21.20         |
| 5               | 64QAM  | 1  | 0  | 20.13 | 20.28 | 20.09 | 21.20         |
| 5               | 64QAM  | 1  | 12 | 20.23 | 20.31 | 20.21 | 21.20         |
| 5               | 64QAM  | 1  | 24 | 20.22 | 20.33 | 20.31 | 21.20         |
| 5               | 64QAM  | 12 | 0  | 20.06 | 20.32 | 20.17 | 21.20         |
| 5               | 64QAM  | 12 | 7  | 20.12 | 20.36 | 20.15 | 21.20         |
| 5               | 64QAM  | 12 | 13 | 20.24 | 20.32 | 20.22 | 21.20         |
| 5               | 64QAM  | 25 | 0  | 20.16 | 20.31 | 20.12 | 21.20         |
| 5               | 256QAM | 1  | 0  | 19.81 | 19.84 | 19.59 | 20.70         |
| 5               | 256QAM | 1  | 12 | 19.59 | 19.69 | 19.65 | 20.70         |
| 5               | 256QAM | 1  | 24 | 19.63 | 19.76 | 19.65 | 20.70         |
| 5               | 256QAM | 12 | 0  | 19.93 | 19.92 | 19.90 | 20.70         |
| 5               | 256QAM | 12 | 7  | 19.98 | 20.00 | 19.85 | 20.70         |
| 5               | 256QAM | 12 | 13 | 19.95 | 19.89 | 19.72 | 20.70         |
| 5               | 256QAM | 25 | 0  | 19.85 | 19.96 | 19.81 | 20.70         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 20.37 | 20.48 | 20.42 | 21.20         |
| 3               | QPSK   | 1  | 8  | 20.21 | 20.33 | 20.15 | 21.20         |
| 3               | QPSK   | 1  | 14 | 20.13 | 20.30 | 20.23 | 21.20         |
| 3               | QPSK   | 8  | 0  | 20.26 | 20.34 | 20.38 | 21.20         |
| 3               | QPSK   | 8  | 4  | 20.16 | 20.26 | 20.21 | 21.20         |
| 3               | QPSK   | 8  | 7  | 20.17 | 20.36 | 20.13 | 21.20         |
| 3               | QPSK   | 15 | 0  | 20.21 | 20.29 | 20.17 | 21.20         |
| 3               | 16QAM  | 1  | 0  | 20.12 | 20.30 | 20.20 | 21.20         |
| 3               | 16QAM  | 1  | 8  | 20.12 | 20.25 | 20.28 | 21.20         |
| 3               | 16QAM  | 1  | 14 | 20.17 | 20.46 | 20.24 | 21.20         |
| 3               | 16QAM  | 8  | 0  | 20.24 | 20.32 | 20.26 | 21.20         |
| 3               | 16QAM  | 8  | 4  | 20.19 | 20.32 | 20.16 | 21.20         |
| 3               | 16QAM  | 8  | 7  | 20.10 | 20.34 | 20.34 | 21.20         |
| 3               | 16QAM  | 15 | 0  | 20.11 | 20.33 | 20.18 | 21.20         |
| 3               | 64QAM  | 1  | 0  | 20.18 | 20.36 | 20.20 | 21.20         |
| 3               | 64QAM  | 1  | 8  | 20.23 | 20.32 | 20.19 | 21.20         |
| 3               | 64QAM  | 1  | 14 | 20.23 | 20.34 | 20.26 | 21.20         |
| 3               | 64QAM  | 8  | 0  | 20.09 | 20.26 | 20.13 | 21.20         |
| 3               | 64QAM  | 8  | 4  | 20.23 | 20.44 | 20.16 | 21.20         |
| 3               | 64QAM  | 8  | 7  | 20.18 | 20.37 | 20.27 | 21.20         |
| 3               | 64QAM  | 15 | 0  | 20.18 | 20.34 | 20.21 | 21.20         |
| 3               | 256QAM | 1  | 0  | 19.78 | 19.88 | 19.66 | 20.70         |
| 3               | 256QAM | 1  | 8  | 19.55 | 19.68 | 19.65 | 20.70         |
| 3               | 256QAM | 1  | 14 | 19.61 | 19.82 | 19.67 | 20.70         |
| 3               | 256QAM | 8  | 0  | 19.82 | 19.94 | 19.83 | 20.70         |
| 3               | 256QAM | 8  | 4  | 19.95 | 19.97 | 19.91 | 20.70         |
| 3               | 256QAM | 8  | 7  | 19.86 | 19.87 | 19.69 | 20.70         |
| 3               | 256QAM | 15 | 0  | 19.88 | 19.99 | 19.80 | 20.70         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 20.37 | 20.55 | 20.44 | 21.20         |
| 1.4             | QPSK   | 1  | 3  | 20.18 | 20.41 | 20.25 | 21.20         |
| 1.4             | QPSK   | 1  | 5  | 20.15 | 20.21 | 20.22 | 21.20         |
| 1.4             | QPSK   | 3  | 0  | 20.30 | 20.31 | 20.30 | 21.20         |
| 1.4             | QPSK   | 3  | 1  | 20.26 | 20.37 | 20.24 | 21.20         |
| 1.4             | QPSK   | 3  | 3  | 20.21 | 20.36 | 20.14 | 21.20         |
| 1.4             | QPSK   | 6  | 0  | 20.21 | 20.30 | 20.20 | 21.20         |
| 1.4             | 16QAM  | 1  | 0  | 20.04 | 20.31 | 20.17 | 21.20         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 3 | 20.15 | 20.25 | 20.18 | 21.20 |
| 1.4 | 16QAM  | 1 | 5 | 20.17 | 20.37 | 20.26 | 21.20 |
| 1.4 | 16QAM  | 3 | 0 | 20.26 | 20.28 | 20.16 | 21.20 |
| 1.4 | 16QAM  | 3 | 1 | 20.18 | 20.37 | 20.24 | 21.20 |
| 1.4 | 16QAM  | 3 | 3 | 20.18 | 20.33 | 20.33 | 21.20 |
| 1.4 | 16QAM  | 6 | 0 | 20.20 | 20.38 | 20.13 | 21.20 |
| 1.4 | 64QAM  | 1 | 0 | 20.11 | 20.25 | 20.14 | 21.20 |
| 1.4 | 64QAM  | 1 | 3 | 20.22 | 20.26 | 20.25 | 21.20 |
| 1.4 | 64QAM  | 1 | 5 | 20.21 | 20.39 | 20.31 | 21.20 |
| 1.4 | 64QAM  | 3 | 0 | 20.05 | 20.26 | 20.18 | 21.20 |
| 1.4 | 64QAM  | 3 | 1 | 20.15 | 20.35 | 20.25 | 21.20 |
| 1.4 | 64QAM  | 3 | 3 | 20.16 | 20.24 | 20.20 | 21.20 |
| 1.4 | 64QAM  | 6 | 0 | 20.15 | 20.29 | 20.17 | 21.20 |
| 1.4 | 256QAM | 1 | 0 | 19.73 | 19.85 | 19.71 | 20.70 |
| 1.4 | 256QAM | 1 | 3 | 19.62 | 19.72 | 19.59 | 20.70 |
| 1.4 | 256QAM | 1 | 5 | 19.65 | 19.76 | 19.66 | 20.70 |
| 1.4 | 256QAM | 3 | 0 | 19.82 | 19.95 | 19.87 | 20.70 |
| 1.4 | 256QAM | 3 | 1 | 19.94 | 19.99 | 19.95 | 20.70 |
| 1.4 | 256QAM | 3 | 3 | 19.86 | 19.94 | 19.68 | 20.70 |
| 1.4 | 256QAM | 6 | 0 | 19.83 | 19.96 | 19.77 | 20.70 |

【LTE Band 7\_Ant 2\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 25.11                    | 25.25                       | 25.23                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.80                    | 25.03                       | 24.99                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.78                    | 24.98                       | 24.93                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 24.05                    | 24.21                       | 24.11                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.90                    | 24.12                       | 24.00                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.91                    | 24.16                       | 24.03                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 22.04                    | 22.24                       | 22.12                     | 22.70                  |
| 20              | 16QAM      | 1       | 0         | 24.35                    | 24.52                       | 24.45                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 24.18                    | 24.34                       | 24.21                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.94                    | 24.22                       | 24.07                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.92                    | 23.11                       | 23.08                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.97                    | 23.11                       | 22.96                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.97                    | 23.13                       | 23.04                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 21.04                    | 21.21                       | 21.13                     | 21.70                  |
| 20              | 64QAM      | 1       | 0         | 23.38                    | 23.53                       | 23.45                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 23.10                    | 23.37                       | 23.33                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 23.12                    | 23.40                       | 23.36                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 22.05                    | 22.27                       | 22.13                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 22.06                    | 22.25                       | 22.11                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.97                    | 22.23                       | 22.11                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 20.12                    | 20.30                       | 20.20                     | 20.70                  |
| 20              | 256QAM     | 1       | 0         | 20.35                    | 20.52                       | 20.35                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 20.23                    | 20.43                       | 20.40                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 20.22                    | 20.39                       | 20.36                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 20.23                    | 20.40                       | 20.33                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 20.12                    | 20.31                       | 20.25                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 20.12                    | 20.32                       | 20.16                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 18.18                    | 18.32                       | 18.20                     | 18.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.01                    | 25.17                       | 25.14                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.73                    | 24.90                       | 24.92                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.73                    | 24.93                       | 24.79                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.99                    | 24.12                       | 23.98                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.87                    | 23.99                       | 23.98                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.81                    | 24.10                       | 23.96                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 22.03                    | 22.12                       | 22.06                     | 22.70                  |
| 15              | 16QAM      | 1       | 0         | 24.28                    | 24.50                       | 24.43                     | 24.70                  |
| 15              | 16QAM      | 1       | 37        | 24.10                    | 24.32                       | 24.19                     | 24.70                  |
| 15              | 16QAM      | 1       | 74        | 23.86                    | 24.18                       | 23.93                     | 24.70                  |
| 15              | 16QAM      | 36      | 0         | 22.84                    | 23.06                       | 22.93                     | 23.70                  |
| 15              | 16QAM      | 36      | 20        | 22.93                    | 23.04                       | 22.86                     | 23.70                  |
| 15              | 16QAM      | 36      | 39        | 22.86                    | 23.08                       | 22.90                     | 23.70                  |
| 15              | 16QAM      | 75      | 0         | 20.99                    | 21.13                       | 21.10                     | 21.70                  |
| 15              | 64QAM      | 1       | 0         | 23.26                    | 23.39                       | 23.38                     | 23.70                  |
| 15              | 64QAM      | 1       | 37        | 22.95                    | 23.31                       | 23.30                     | 23.70                  |



# FCC SAR Test Report

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|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 1  | 74 | 23.10  | 23.36 | 23.30  | 23.70                  |
| 15              | 64QAM  | 36 | 0  | 21.99  | 22.26 | 22.09  | 22.70                  |
| 15              | 64QAM  | 36 | 20 | 21.96  | 22.22 | 21.99  | 22.70                  |
| 15              | 64QAM  | 36 | 39 | 21.91  | 22.09 | 22.03  | 22.70                  |
| 15              | 64QAM  | 75 | 0  | 20.03  | 20.24 | 20.14  | 20.70                  |
| 15              | 256QAM | 1  | 0  | 20.28  | 20.51 | 20.31  | 20.70                  |
| 15              | 256QAM | 1  | 37 | 20.17  | 20.41 | 20.31  | 20.70                  |
| 15              | 256QAM | 1  | 74 | 20.14  | 20.30 | 20.35  | 20.70                  |
| 15              | 256QAM | 36 | 0  | 20.17  | 20.34 | 20.21  | 20.70                  |
| 15              | 256QAM | 36 | 20 | 20.05  | 20.22 | 20.17  | 20.70                  |
| 15              | 256QAM | 36 | 39 | 20.02  | 20.27 | 20.01  | 20.70                  |
| 15              | 256QAM | 75 | 0  | 18.14  | 18.28 | 18.16  | 18.70                  |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                        |
| 10              | QPSK   | 1  | 0  | 25.10  | 25.13 | 25.12  | 25.70                  |
| 10              | QPSK   | 1  | 25 | 24.66  | 24.99 | 24.93  | 25.70                  |
| 10              | QPSK   | 1  | 49 | 24.71  | 24.93 | 24.81  | 25.70                  |
| 10              | QPSK   | 25 | 0  | 24.03  | 24.09 | 23.98  | 24.70                  |
| 10              | QPSK   | 25 | 12 | 23.88  | 24.07 | 23.96  | 24.70                  |
| 10              | QPSK   | 25 | 25 | 23.79  | 24.14 | 23.97  | 24.70                  |
| 10              | QPSK   | 50 | 0  | 21.99  | 22.15 | 22.00  | 22.70                  |
| 10              | 16QAM  | 1  | 0  | 24.25  | 24.47 | 24.37  | 24.70                  |
| 10              | 16QAM  | 1  | 25 | 24.12  | 24.30 | 24.13  | 24.70                  |
| 10              | 16QAM  | 1  | 49 | 23.92  | 24.19 | 23.99  | 24.70                  |
| 10              | 16QAM  | 25 | 0  | 22.86  | 23.01 | 23.00  | 23.70                  |
| 10              | 16QAM  | 25 | 12 | 22.87  | 23.00 | 22.91  | 23.70                  |
| 10              | 16QAM  | 25 | 25 | 22.89  | 23.11 | 22.91  | 23.70                  |
| 10              | 16QAM  | 50 | 0  | 21.01  | 21.11 | 21.06  | 21.70                  |
| 10              | 64QAM  | 1  | 0  | 23.31  | 23.47 | 23.43  | 23.70                  |
| 10              | 64QAM  | 1  | 25 | 23.00  | 23.28 | 23.29  | 23.70                  |
| 10              | 64QAM  | 1  | 49 | 23.09  | 23.38 | 23.33  | 23.70                  |
| 10              | 64QAM  | 25 | 0  | 21.94  | 22.15 | 22.11  | 22.70                  |
| 10              | 64QAM  | 25 | 12 | 21.93  | 22.19 | 22.08  | 22.70                  |
| 10              | 64QAM  | 25 | 25 | 21.94  | 22.09 | 22.04  | 22.70                  |
| 10              | 64QAM  | 50 | 0  | 20.03  | 20.23 | 20.13  | 20.70                  |
| 10              | 256QAM | 1  | 0  | 20.33  | 20.37 | 20.29  | 20.70                  |
| 10              | 256QAM | 1  | 25 | 20.18  | 20.32 | 20.30  | 20.70                  |
| 10              | 256QAM | 1  | 49 | 20.16  | 20.24 | 20.26  | 20.70                  |
| 10              | 256QAM | 25 | 0  | 20.10  | 20.35 | 20.27  | 20.70                  |
| 10              | 256QAM | 25 | 12 | 19.98  | 20.16 | 20.10  | 20.70                  |
| 10              | 256QAM | 25 | 25 | 20.02  | 20.29 | 20.03  | 20.70                  |
| 10              | 256QAM | 50 | 0  | 18.07  | 18.27 | 18.08  | 18.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 25.06  | 25.23 | 25.22  | 25.70                  |
| 5               | QPSK   | 1  | 12 | 24.77  | 24.93 | 24.91  | 25.70                  |
| 5               | QPSK   | 1  | 24 | 24.70  | 24.86 | 24.85  | 25.70                  |
| 5               | QPSK   | 12 | 0  | 23.93  | 24.10 | 24.08  | 24.70                  |
| 5               | QPSK   | 12 | 7  | 23.86  | 24.01 | 23.96  | 24.70                  |
| 5               | QPSK   | 12 | 13 | 23.84  | 24.14 | 23.88  | 24.70                  |
| 5               | QPSK   | 25 | 0  | 21.95  | 22.15 | 22.09  | 22.70                  |
| 5               | 16QAM  | 1  | 0  | 24.29  | 24.38 | 24.42  | 24.70                  |
| 5               | 16QAM  | 1  | 12 | 24.08  | 24.28 | 24.16  | 24.70                  |
| 5               | 16QAM  | 1  | 24 | 23.85  | 24.11 | 23.95  | 24.70                  |
| 5               | 16QAM  | 12 | 0  | 22.82  | 23.05 | 22.98  | 23.70                  |
| 5               | 16QAM  | 12 | 7  | 22.88  | 23.10 | 22.86  | 23.70                  |
| 5               | 16QAM  | 12 | 13 | 22.87  | 23.12 | 22.93  | 23.70                  |
| 5               | 16QAM  | 25 | 0  | 20.96  | 21.10 | 21.01  | 21.70                  |
| 5               | 64QAM  | 1  | 0  | 23.36  | 23.40 | 23.40  | 23.70                  |
| 5               | 64QAM  | 1  | 12 | 23.01  | 23.32 | 23.24  | 23.70                  |
| 5               | 64QAM  | 1  | 24 | 23.10  | 23.30 | 23.31  | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.93  | 22.14 | 22.07  | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 21.95  | 22.11 | 22.10  | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.90  | 22.19 | 22.03  | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 19.99  | 20.25 | 20.18  | 20.70                  |
| 5               | 256QAM | 1  | 0  | 20.26  | 20.50 | 20.30  | 20.70                  |
| 5               | 256QAM | 1  | 12 | 20.12  | 20.34 | 20.29  | 20.70                  |
| 5               | 256QAM | 1  | 24 | 20.08  | 20.32 | 20.24  | 20.70                  |
| 5               | 256QAM | 12 | 0  | 20.16  | 20.37 | 20.25  | 20.70                  |
| 5               | 256QAM | 12 | 7  | 20.07  | 20.21 | 20.19  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 20.09  | 20.30 | 20.08  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 18.10  | 18.23 | 18.11  | 18.70                  |

**【LTE Band 7\_Ant 2\_ECI1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 17.23                    | 17.28                       | 17.21                     | 17.70                  |
| 20              | QPSK       | 1       | 49        | 17.03                    | 17.21                       | 17.10                     | 17.70                  |
| 20              | QPSK       | 1       | 99        | 17.07                    | 17.19                       | 17.05                     | 17.70                  |
| 20              | QPSK       | 50      | 0         | 17.15                    | 17.25                       | 17.13                     | 17.70                  |
| 20              | QPSK       | 50      | 24        | 17.05                    | 17.23                       | 17.07                     | 17.70                  |
| 20              | QPSK       | 50      | 50        | 17.11                    | 17.18                       | 17.07                     | 17.70                  |
| 20              | QPSK       | 100     | 0         | 17.05                    | 17.11                       | 16.96                     | 17.70                  |
| 20              | 16QAM      | 1       | 0         | 17.08                    | 17.15                       | 17.05                     | 17.70                  |
| 20              | 16QAM      | 1       | 49        | 17.00                    | 17.13                       | 16.94                     | 17.70                  |
| 20              | 16QAM      | 1       | 99        | 16.99                    | 17.10                       | 16.96                     | 17.70                  |
| 20              | 16QAM      | 50      | 0         | 16.90                    | 17.09                       | 16.90                     | 17.70                  |
| 20              | 16QAM      | 50      | 24        | 16.98                    | 17.14                       | 17.00                     | 17.70                  |
| 20              | 16QAM      | 50      | 50        | 16.96                    | 17.09                       | 16.90                     | 17.70                  |
| 20              | 16QAM      | 100     | 0         | 16.82                    | 16.99                       | 16.81                     | 17.70                  |
| 20              | 64QAM      | 1       | 0         | 17.04                    | 17.10                       | 16.98                     | 17.70                  |
| 20              | 64QAM      | 1       | 49        | 16.80                    | 16.99                       | 16.80                     | 17.70                  |
| 20              | 64QAM      | 1       | 99        | 16.84                    | 16.95                       | 16.83                     | 17.70                  |
| 20              | 64QAM      | 50      | 0         | 16.86                    | 16.93                       | 16.73                     | 17.70                  |
| 20              | 64QAM      | 50      | 24        | 16.88                    | 17.07                       | 16.99                     | 17.70                  |
| 20              | 64QAM      | 50      | 50        | 17.02                    | 17.13                       | 17.01                     | 17.70                  |
| 20              | 64QAM      | 100     | 0         | 16.97                    | 17.10                       | 17.00                     | 17.70                  |
| 20              | 256QAM     | 1       | 0         | 16.95                    | 17.03                       | 16.81                     | 17.70                  |
| 20              | 256QAM     | 1       | 49        | 16.98                    | 17.13                       | 16.92                     | 17.70                  |
| 20              | 256QAM     | 1       | 99        | 16.83                    | 17.03                       | 16.84                     | 17.70                  |
| 20              | 256QAM     | 50      | 0         | 16.83                    | 16.99                       | 16.84                     | 17.70                  |
| 20              | 256QAM     | 50      | 24        | 16.98                    | 17.14                       | 16.95                     | 17.70                  |
| 20              | 256QAM     | 50      | 50        | 16.93                    | 17.08                       | 16.97                     | 17.70                  |
| 20              | 256QAM     | 100     | 0         | 16.79                    | 16.96                       | 16.78                     | 17.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.09                    | 17.22                       | 17.17                     | 17.70                  |
| 15              | QPSK       | 1       | 37        | 16.95                    | 17.11                       | 16.97                     | 17.70                  |
| 15              | QPSK       | 1       | 74        | 16.94                    | 17.04                       | 17.02                     | 17.70                  |
| 15              | QPSK       | 36      | 0         | 17.03                    | 17.17                       | 17.10                     | 17.70                  |
| 15              | QPSK       | 36      | 20        | 16.92                    | 17.17                       | 17.06                     | 17.70                  |
| 15              | QPSK       | 36      | 39        | 16.97                    | 17.11                       | 17.04                     | 17.70                  |
| 15              | QPSK       | 75      | 0         | 17.00                    | 16.97                       | 16.95                     | 17.70                  |
| 15              | 16QAM      | 1       | 0         | 16.94                    | 17.01                       | 16.92                     | 17.70                  |
| 15              | 16QAM      | 1       | 37        | 16.87                    | 17.08                       | 16.89                     | 17.70                  |
| 15              | 16QAM      | 1       | 74        | 16.86                    | 17.07                       | 16.91                     | 17.70                  |
| 15              | 16QAM      | 36      | 0         | 16.81                    | 16.99                       | 16.76                     | 17.70                  |
| 15              | 16QAM      | 36      | 20        | 16.92                    | 17.01                       | 16.99                     | 17.70                  |
| 15              | 16QAM      | 36      | 39        | 16.83                    | 16.98                       | 16.85                     | 17.70                  |
| 15              | 16QAM      | 75      | 0         | 16.72                    | 16.96                       | 16.74                     | 17.70                  |
| 15              | 64QAM      | 1       | 0         | 17.02                    | 17.03                       | 16.92                     | 17.70                  |
| 15              | 64QAM      | 1       | 37        | 16.78                    | 16.91                       | 16.71                     | 17.70                  |
| 15              | 64QAM      | 1       | 74        | 16.80                    | 16.81                       | 16.74                     | 17.70                  |
| 15              | 64QAM      | 36      | 0         | 16.73                    | 16.87                       | 16.61                     | 17.70                  |
| 15              | 64QAM      | 36      | 20        | 16.75                    | 16.97                       | 16.92                     | 17.70                  |
| 15              | 64QAM      | 36      | 39        | 17.00                    | 17.00                       | 16.92                     | 17.70                  |
| 15              | 64QAM      | 75      | 0         | 16.83                    | 17.07                       | 16.90                     | 17.70                  |
| 15              | 256QAM     | 1       | 0         | 16.83                    | 16.89                       | 16.77                     | 17.70                  |
| 15              | 256QAM     | 1       | 37        | 16.88                    | 17.03                       | 16.87                     | 17.70                  |
| 15              | 256QAM     | 1       | 74        | 16.69                    | 16.95                       | 16.70                     | 17.70                  |
| 15              | 256QAM     | 36      | 0         | 16.81                    | 16.87                       | 16.79                     | 17.70                  |
| 15              | 256QAM     | 36      | 20        | 16.87                    | 17.11                       | 16.85                     | 17.70                  |
| 15              | 256QAM     | 36      | 39        | 16.85                    | 17.04                       | 16.92                     | 17.70                  |
| 15              | 256QAM     | 75      | 0         | 16.70                    | 16.91                       | 16.69                     | 17.70                  |
| Channel         |            |         |           | 20800                    | 21100                       | 21400                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | QPSK       | 1       | 0         | 17.15                    | 17.15                       | 17.15                     | 17.70                  |
| 10              | QPSK       | 1       | 25        | 16.91                    | 17.11                       | 16.97                     | 17.70                  |
| 10              | QPSK       | 1       | 49        | 17.03                    | 17.11                       | 16.92                     | 17.70                  |
| 10              | QPSK       | 25      | 0         | 17.09                    | 17.21                       | 17.10                     | 17.70                  |
| 10              | QPSK       | 25      | 12        | 16.93                    | 17.18                       | 17.06                     | 17.70                  |
| 10              | QPSK       | 25      | 25        | 16.98                    | 17.13                       | 16.95                     | 17.70                  |
| 10              | QPSK       | 50      | 0         | 16.92                    | 17.00                       | 16.84                     | 17.70                  |
| 10              | 16QAM      | 1       | 0         | 17.00                    | 17.02                       | 17.01                     | 17.70                  |
| 10              | 16QAM      | 1       | 25        | 16.98                    | 17.01                       | 16.82                     | 17.70                  |
| 10              | 16QAM      | 1       | 49        | 16.88                    | 17.08                       | 16.92                     | 17.70                  |
| 10              | 16QAM      | 25      | 0         | 16.76                    | 16.98                       | 16.83                     | 17.70                  |
| 10              | 16QAM      | 25      | 12        | 16.87                    | 17.07                       | 16.95                     | 17.70                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 16QAM  | 25 | 25 | 16.83  | 17.03 | 16.77  | 17.70                  |
| 10              | 16QAM  | 50 | 0  | 16.76  | 16.86 | 16.75  | 17.70                  |
| 10              | 64QAM  | 1  | 0  | 16.96  | 16.97 | 16.95  | 17.70                  |
| 10              | 64QAM  | 1  | 25 | 16.67  | 16.91 | 16.73  | 17.70                  |
| 10              | 64QAM  | 1  | 49 | 16.70  | 16.93 | 16.81  | 17.70                  |
| 10              | 64QAM  | 25 | 0  | 16.82  | 16.86 | 16.67  | 17.70                  |
| 10              | 64QAM  | 25 | 12 | 16.76  | 16.97 | 16.91  | 17.70                  |
| 10              | 64QAM  | 25 | 25 | 16.89  | 17.03 | 16.92  | 17.70                  |
| 10              | 64QAM  | 50 | 0  | 16.91  | 16.99 | 16.94  | 17.70                  |
| 10              | 256QAM | 1  | 0  | 16.94  | 16.91 | 16.76  | 17.70                  |
| 10              | 256QAM | 1  | 25 | 16.83  | 17.09 | 16.82  | 17.70                  |
| 10              | 256QAM | 1  | 49 | 16.70  | 16.96 | 16.69  | 17.70                  |
| 10              | 256QAM | 25 | 0  | 16.76  | 16.91 | 16.71  | 17.70                  |
| 10              | 256QAM | 25 | 12 | 16.93  | 16.99 | 16.82  | 17.70                  |
| 10              | 256QAM | 25 | 25 | 16.86  | 17.00 | 16.87  | 17.70                  |
| 10              | 256QAM | 50 | 0  | 16.73  | 16.91 | 16.71  | 17.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.10  | 17.16 | 17.12  | 17.70                  |
| 5               | QPSK   | 1  | 12 | 16.90  | 17.19 | 17.08  | 17.70                  |
| 5               | QPSK   | 1  | 24 | 17.00  | 17.14 | 16.93  | 17.70                  |
| 5               | QPSK   | 12 | 0  | 17.10  | 17.11 | 17.01  | 17.70                  |
| 5               | QPSK   | 12 | 7  | 16.91  | 17.12 | 16.99  | 17.70                  |
| 5               | QPSK   | 12 | 13 | 17.05  | 17.16 | 17.02  | 17.70                  |
| 5               | QPSK   | 25 | 0  | 16.97  | 17.07 | 16.84  | 17.70                  |
| 5               | 16QAM  | 1  | 0  | 16.96  | 17.06 | 17.03  | 17.70                  |
| 5               | 16QAM  | 1  | 12 | 16.99  | 17.05 | 16.93  | 17.70                  |
| 5               | 16QAM  | 1  | 24 | 16.95  | 17.02 | 16.87  | 17.70                  |
| 5               | 16QAM  | 12 | 0  | 16.82  | 17.02 | 16.80  | 17.70                  |
| 5               | 16QAM  | 12 | 7  | 16.94  | 17.10 | 16.91  | 17.70                  |
| 5               | 16QAM  | 12 | 13 | 16.82  | 17.06 | 16.81  | 17.70                  |
| 5               | 16QAM  | 25 | 0  | 16.70  | 16.98 | 16.67  | 17.70                  |
| 5               | 64QAM  | 1  | 0  | 17.01  | 17.06 | 16.88  | 17.70                  |
| 5               | 64QAM  | 1  | 12 | 16.73  | 16.88 | 16.78  | 17.70                  |
| 5               | 64QAM  | 1  | 24 | 16.82  | 16.93 | 16.77  | 17.70                  |
| 5               | 64QAM  | 12 | 0  | 16.84  | 16.88 | 16.71  | 17.70                  |
| 5               | 64QAM  | 12 | 7  | 16.83  | 16.97 | 16.96  | 17.70                  |
| 5               | 64QAM  | 12 | 13 | 16.97  | 17.01 | 16.91  | 17.70                  |
| 5               | 64QAM  | 25 | 0  | 16.83  | 16.98 | 16.90  | 17.70                  |
| 5               | 256QAM | 1  | 0  | 16.81  | 17.00 | 16.70  | 17.70                  |
| 5               | 256QAM | 1  | 12 | 16.91  | 17.05 | 16.87  | 17.70                  |
| 5               | 256QAM | 1  | 24 | 16.71  | 17.02 | 16.69  | 17.70                  |
| 5               | 256QAM | 12 | 0  | 16.69  | 16.93 | 16.73  | 17.70                  |
| 5               | 256QAM | 12 | 7  | 16.86  | 17.10 | 16.82  | 17.70                  |
| 5               | 256QAM | 12 | 13 | 16.81  | 17.01 | 16.82  | 17.70                  |
| 5               | 256QAM | 25 | 0  | 16.76  | 16.88 | 16.71  | 17.70                  |

**【LTE Band 7\_Ant 2\_ECI3】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 17.81                    | 17.89                       | 17.83                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 17.54                    | 17.68                       | 17.52                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 17.57                    | 17.72                       | 17.64                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 17.78                    | 17.82                       | 17.79                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 17.60                    | 17.70                       | 17.59                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 17.57                    | 17.75                       | 17.62                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 17.79                    | 17.80                       | 17.77                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 17.54                    | 17.69                       | 17.52                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 17.57                    | 17.67                       | 17.49                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 17.34                    | 17.57                       | 17.47                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 17.54                    | 17.63                       | 17.43                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 17.49                    | 17.62                       | 17.51                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 17.46                    | 17.64                       | 17.44                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 17.51                    | 17.61                       | 17.47                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 17.40                    | 17.61                       | 17.44                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 17.48                    | 17.57                       | 17.45                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 17.51                    | 17.65                       | 17.57                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 17.52                    | 17.62                       | 17.47                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 17.58                    | 17.67                       | 17.47                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 17.50                    | 17.64                       | 17.51                     | 18.20                  |



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|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 64QAM  | 100 | 0  | 17.41  | 17.58 | 17.44  | 18.20         |
| 20              | 256QAM | 1   | 0  | 17.50  | 17.72 | 17.54  | 18.20         |
| 20              | 256QAM | 1   | 49 | 17.49  | 17.61 | 17.41  | 18.20         |
| 20              | 256QAM | 1   | 99 | 17.45  | 17.63 | 17.45  | 18.20         |
| 20              | 256QAM | 50  | 0  | 17.61  | 17.71 | 17.56  | 18.20         |
| 20              | 256QAM | 50  | 24 | 17.47  | 17.60 | 17.48  | 18.20         |
| 20              | 256QAM | 50  | 50 | 17.41  | 17.63 | 17.53  | 18.20         |
| 20              | 256QAM | 100 | 0  | 17.54  | 17.71 | 17.59  | 18.20         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 17.69  | 17.76 | 17.79  | 18.20         |
| 15              | QPSK   | 1   | 37 | 17.51  | 17.67 | 17.38  | 18.20         |
| 15              | QPSK   | 1   | 74 | 17.46  | 17.64 | 17.55  | 18.20         |
| 15              | QPSK   | 36  | 0  | 17.74  | 17.72 | 17.67  | 18.20         |
| 15              | QPSK   | 36  | 20 | 17.47  | 17.59 | 17.48  | 18.20         |
| 15              | QPSK   | 36  | 39 | 17.48  | 17.73 | 17.56  | 18.20         |
| 15              | QPSK   | 75  | 0  | 17.69  | 17.77 | 17.74  | 18.20         |
| 15              | 16QAM  | 1   | 0  | 17.50  | 17.68 | 17.42  | 18.20         |
| 15              | 16QAM  | 1   | 37 | 17.42  | 17.57 | 17.43  | 18.20         |
| 15              | 16QAM  | 1   | 74 | 17.24  | 17.51 | 17.39  | 18.20         |
| 15              | 16QAM  | 36  | 0  | 17.45  | 17.58 | 17.32  | 18.20         |
| 15              | 16QAM  | 36  | 20 | 17.36  | 17.52 | 17.43  | 18.20         |
| 15              | 16QAM  | 36  | 39 | 17.39  | 17.49 | 17.40  | 18.20         |
| 15              | 16QAM  | 75  | 0  | 17.45  | 17.52 | 17.44  | 18.20         |
| 15              | 64QAM  | 1   | 0  | 17.38  | 17.55 | 17.34  | 18.20         |
| 15              | 64QAM  | 1   | 37 | 17.37  | 17.52 | 17.36  | 18.20         |
| 15              | 64QAM  | 1   | 74 | 17.49  | 17.53 | 17.54  | 18.20         |
| 15              | 64QAM  | 36  | 0  | 17.38  | 17.59 | 17.38  | 18.20         |
| 15              | 64QAM  | 36  | 20 | 17.56  | 17.58 | 17.35  | 18.20         |
| 15              | 64QAM  | 36  | 39 | 17.40  | 17.52 | 17.42  | 18.20         |
| 15              | 64QAM  | 75  | 0  | 17.29  | 17.48 | 17.42  | 18.20         |
| 15              | 256QAM | 1   | 0  | 17.48  | 17.64 | 17.51  | 18.20         |
| 15              | 256QAM | 1   | 37 | 17.38  | 17.57 | 17.37  | 18.20         |
| 15              | 256QAM | 1   | 74 | 17.34  | 17.61 | 17.43  | 18.20         |
| 15              | 256QAM | 36  | 0  | 17.49  | 17.66 | 17.54  | 18.20         |
| 15              | 256QAM | 36  | 20 | 17.43  | 17.54 | 17.38  | 18.20         |
| 15              | 256QAM | 36  | 39 | 17.34  | 17.59 | 17.43  | 18.20         |
| 15              | 256QAM | 75  | 0  | 17.45  | 17.56 | 17.53  | 18.20         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 17.68  | 17.83 | 17.69  | 18.20         |
| 10              | QPSK   | 1   | 25 | 17.39  | 17.62 | 17.50  | 18.20         |
| 10              | QPSK   | 1   | 49 | 17.45  | 17.60 | 17.56  | 18.20         |
| 10              | QPSK   | 25  | 0  | 17.70  | 17.78 | 17.71  | 18.20         |
| 10              | QPSK   | 25  | 12 | 17.53  | 17.57 | 17.50  | 18.20         |
| 10              | QPSK   | 25  | 25 | 17.50  | 17.72 | 17.54  | 18.20         |
| 10              | QPSK   | 50  | 0  | 17.70  | 17.67 | 17.64  | 18.20         |
| 10              | 16QAM  | 1   | 0  | 17.47  | 17.66 | 17.42  | 18.20         |
| 10              | 16QAM  | 1   | 25 | 17.47  | 17.55 | 17.40  | 18.20         |
| 10              | 16QAM  | 1   | 49 | 17.25  | 17.48 | 17.43  | 18.20         |
| 10              | 16QAM  | 25  | 0  | 17.41  | 17.51 | 17.32  | 18.20         |
| 10              | 16QAM  | 25  | 12 | 17.43  | 17.56 | 17.49  | 18.20         |
| 10              | 16QAM  | 25  | 25 | 17.41  | 17.52 | 17.42  | 18.20         |
| 10              | 16QAM  | 50  | 0  | 17.44  | 17.59 | 17.44  | 18.20         |
| 10              | 64QAM  | 1   | 0  | 17.30  | 17.59 | 17.31  | 18.20         |
| 10              | 64QAM  | 1   | 25 | 17.37  | 17.46 | 17.43  | 18.20         |
| 10              | 64QAM  | 1   | 49 | 17.46  | 17.50 | 17.46  | 18.20         |
| 10              | 64QAM  | 25  | 0  | 17.48  | 17.53 | 17.44  | 18.20         |
| 10              | 64QAM  | 25  | 12 | 17.46  | 17.53 | 17.43  | 18.20         |
| 10              | 64QAM  | 25  | 25 | 17.48  | 17.56 | 17.49  | 18.20         |
| 10              | 64QAM  | 50  | 0  | 17.30  | 17.55 | 17.37  | 18.20         |
| 10              | 256QAM | 1   | 0  | 17.45  | 17.59 | 17.49  | 18.20         |
| 10              | 256QAM | 1   | 25 | 17.43  | 17.59 | 17.34  | 18.20         |
| 10              | 256QAM | 1   | 49 | 17.34  | 17.57 | 17.37  | 18.20         |
| 10              | 256QAM | 25  | 0  | 17.59  | 17.66 | 17.47  | 18.20         |
| 10              | 256QAM | 25  | 12 | 17.34  | 17.50 | 17.38  | 18.20         |
| 10              | 256QAM | 25  | 25 | 17.40  | 17.57 | 17.41  | 18.20         |
| 10              | 256QAM | 50  | 0  | 17.46  | 17.64 | 17.49  | 18.20         |
| Channel         |        |     |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 17.76  | 17.76 | 17.80  | 18.20         |
| 5               | QPSK   | 1   | 12 | 17.40  | 17.62 | 17.48  | 18.20         |
| 5               | QPSK   | 1   | 24 | 17.50  | 17.59 | 17.54  | 18.20         |
| 5               | QPSK   | 12  | 0  | 17.64  | 17.77 | 17.77  | 18.20         |
| 5               | QPSK   | 12  | 7  | 17.49  | 17.62 | 17.53  | 18.20         |
| 5               | QPSK   | 12  | 13 | 17.44  | 17.65 | 17.49  | 18.20         |
| 5               | QPSK   | 25  | 0  | 17.78  | 17.78 | 17.71  | 18.20         |
| 5               | 16QAM  | 1   | 0  | 17.40  | 17.57 | 17.42  | 18.20         |



|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 1  | 12 | 17.48 | 17.64 | 17.43 | 18.20 |
| 5 | 16QAM  | 1  | 24 | 17.27 | 17.55 | 17.33 | 18.20 |
| 5 | 16QAM  | 12 | 0  | 17.46 | 17.60 | 17.40 | 18.20 |
| 5 | 16QAM  | 12 | 7  | 17.42 | 17.49 | 17.42 | 18.20 |
| 5 | 16QAM  | 12 | 13 | 17.36 | 17.58 | 17.30 | 18.20 |
| 5 | 16QAM  | 25 | 0  | 17.38 | 17.51 | 17.32 | 18.20 |
| 5 | 64QAM  | 1  | 0  | 17.38 | 17.53 | 17.37 | 18.20 |
| 5 | 64QAM  | 1  | 12 | 17.41 | 17.47 | 17.39 | 18.20 |
| 5 | 64QAM  | 1  | 24 | 17.45 | 17.57 | 17.50 | 18.20 |
| 5 | 64QAM  | 12 | 0  | 17.45 | 17.49 | 17.38 | 18.20 |
| 5 | 64QAM  | 12 | 7  | 17.47 | 17.60 | 17.33 | 18.20 |
| 5 | 64QAM  | 12 | 13 | 17.35 | 17.53 | 17.36 | 18.20 |
| 5 | 64QAM  | 25 | 0  | 17.28 | 17.53 | 17.32 | 18.20 |
| 5 | 256QAM | 1  | 0  | 17.49 | 17.61 | 17.50 | 18.20 |
| 5 | 256QAM | 1  | 12 | 17.44 | 17.53 | 17.28 | 18.20 |
| 5 | 256QAM | 1  | 24 | 17.31 | 17.56 | 17.38 | 18.20 |
| 5 | 256QAM | 12 | 0  | 17.49 | 17.59 | 17.48 | 18.20 |
| 5 | 256QAM | 12 | 7  | 17.42 | 17.49 | 17.33 | 18.20 |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.53 | 17.40 | 18.20 |
| 5 | 256QAM | 25 | 0  | 17.39 | 17.61 | 17.45 | 18.20 |

**【LTE Band 7\_Ant 2\_ECI4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 25.11                    | 25.25                       | 25.23                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.80                    | 25.03                       | 24.99                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.78                    | 24.98                       | 24.93                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 24.05                    | 24.21                       | 24.11                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.90                    | 24.12                       | 24.00                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.91                    | 24.16                       | 24.03                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 22.04                    | 22.24                       | 22.12                     | 22.70                  |
| 20              | 16QAM      | 1       | 0         | 24.35                    | 24.52                       | 24.45                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 24.18                    | 24.34                       | 24.21                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.94                    | 24.22                       | 24.07                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.92                    | 23.11                       | 23.08                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.97                    | 23.11                       | 22.96                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.97                    | 23.13                       | 23.04                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 21.04                    | 21.21                       | 21.13                     | 21.70                  |
| 20              | 64QAM      | 1       | 0         | 23.38                    | 23.53                       | 23.45                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 23.10                    | 23.37                       | 23.33                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 23.12                    | 23.40                       | 23.36                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 22.05                    | 22.27                       | 22.13                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 22.06                    | 22.25                       | 22.11                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.97                    | 22.23                       | 22.11                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 20.12                    | 20.30                       | 20.20                     | 20.70                  |
| 20              | 256QAM     | 1       | 0         | 20.35                    | 20.52                       | 20.35                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 20.23                    | 20.43                       | 20.40                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 20.22                    | 20.39                       | 20.36                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 20.23                    | 20.40                       | 20.33                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 20.12                    | 20.31                       | 20.25                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 20.12                    | 20.32                       | 20.16                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 18.18                    | 18.32                       | 18.20                     | 18.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.01                    | 25.17                       | 25.14                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 24.73                    | 24.90                       | 24.92                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 24.73                    | 24.93                       | 24.79                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.99                    | 24.12                       | 23.98                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 23.87                    | 23.99                       | 23.98                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.81                    | 24.10                       | 23.96                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 22.03                    | 22.12                       | 22.06                     | 22.70                  |
| 15              | 16QAM      | 1       | 0         | 24.28                    | 24.50                       | 24.43                     | 24.70                  |
| 15              | 16QAM      | 1       | 37        | 24.10                    | 24.32                       | 24.19                     | 24.70                  |
| 15              | 16QAM      | 1       | 74        | 23.86                    | 24.18                       | 23.93                     | 24.70                  |
| 15              | 16QAM      | 36      | 0         | 22.84                    | 23.06                       | 22.93                     | 23.70                  |
| 15              | 16QAM      | 36      | 20        | 22.93                    | 23.04                       | 22.86                     | 23.70                  |
| 15              | 16QAM      | 36      | 39        | 22.86                    | 23.08                       | 22.90                     | 23.70                  |
| 15              | 16QAM      | 75      | 0         | 20.99                    | 21.13                       | 21.10                     | 21.70                  |
| 15              | 64QAM      | 1       | 0         | 23.26                    | 23.39                       | 23.38                     | 23.70                  |
| 15              | 64QAM      | 1       | 37        | 22.95                    | 23.31                       | 23.30                     | 23.70                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 1  | 74 | 23.10  | 23.36 | 23.30  | 23.70                  |
| 15              | 64QAM  | 36 | 0  | 21.99  | 22.26 | 22.09  | 22.70                  |
| 15              | 64QAM  | 36 | 20 | 21.96  | 22.22 | 21.99  | 22.70                  |
| 15              | 64QAM  | 36 | 39 | 21.91  | 22.09 | 22.03  | 22.70                  |
| 15              | 64QAM  | 75 | 0  | 20.03  | 20.24 | 20.14  | 20.70                  |
| 15              | 256QAM | 1  | 0  | 20.28  | 20.51 | 20.31  | 20.70                  |
| 15              | 256QAM | 1  | 37 | 20.17  | 20.41 | 20.31  | 20.70                  |
| 15              | 256QAM | 1  | 74 | 20.14  | 20.30 | 20.35  | 20.70                  |
| 15              | 256QAM | 36 | 0  | 20.17  | 20.34 | 20.21  | 20.70                  |
| 15              | 256QAM | 36 | 20 | 20.05  | 20.22 | 20.17  | 20.70                  |
| 15              | 256QAM | 36 | 39 | 20.02  | 20.27 | 20.01  | 20.70                  |
| 15              | 256QAM | 75 | 0  | 18.14  | 18.28 | 18.16  | 18.70                  |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                        |
| 10              | QPSK   | 1  | 0  | 25.10  | 25.13 | 25.12  | 25.70                  |
| 10              | QPSK   | 1  | 25 | 24.66  | 24.99 | 24.93  | 25.70                  |
| 10              | QPSK   | 1  | 49 | 24.71  | 24.93 | 24.81  | 25.70                  |
| 10              | QPSK   | 25 | 0  | 24.03  | 24.09 | 23.98  | 24.70                  |
| 10              | QPSK   | 25 | 12 | 23.88  | 24.07 | 23.96  | 24.70                  |
| 10              | QPSK   | 25 | 25 | 23.79  | 24.14 | 23.97  | 24.70                  |
| 10              | QPSK   | 50 | 0  | 21.99  | 22.15 | 22.00  | 22.70                  |
| 10              | 16QAM  | 1  | 0  | 24.25  | 24.47 | 24.37  | 24.70                  |
| 10              | 16QAM  | 1  | 25 | 24.12  | 24.30 | 24.13  | 24.70                  |
| 10              | 16QAM  | 1  | 49 | 23.92  | 24.19 | 23.99  | 24.70                  |
| 10              | 16QAM  | 25 | 0  | 22.86  | 23.01 | 23.00  | 23.70                  |
| 10              | 16QAM  | 25 | 12 | 22.87  | 23.00 | 22.91  | 23.70                  |
| 10              | 16QAM  | 25 | 25 | 22.89  | 23.11 | 22.91  | 23.70                  |
| 10              | 16QAM  | 50 | 0  | 21.01  | 21.11 | 21.06  | 21.70                  |
| 10              | 64QAM  | 1  | 0  | 23.31  | 23.47 | 23.43  | 23.70                  |
| 10              | 64QAM  | 1  | 25 | 23.00  | 23.28 | 23.29  | 23.70                  |
| 10              | 64QAM  | 1  | 49 | 23.09  | 23.38 | 23.33  | 23.70                  |
| 10              | 64QAM  | 25 | 0  | 21.94  | 22.15 | 22.11  | 22.70                  |
| 10              | 64QAM  | 25 | 12 | 21.93  | 22.19 | 22.08  | 22.70                  |
| 10              | 64QAM  | 25 | 25 | 21.94  | 22.09 | 22.04  | 22.70                  |
| 10              | 64QAM  | 50 | 0  | 20.03  | 20.23 | 20.13  | 20.70                  |
| 10              | 256QAM | 1  | 0  | 20.33  | 20.37 | 20.29  | 20.70                  |
| 10              | 256QAM | 1  | 25 | 20.18  | 20.32 | 20.30  | 20.70                  |
| 10              | 256QAM | 1  | 49 | 20.16  | 20.24 | 20.26  | 20.70                  |
| 10              | 256QAM | 25 | 0  | 20.10  | 20.35 | 20.27  | 20.70                  |
| 10              | 256QAM | 25 | 12 | 19.98  | 20.16 | 20.10  | 20.70                  |
| 10              | 256QAM | 25 | 25 | 20.02  | 20.29 | 20.03  | 20.70                  |
| 10              | 256QAM | 50 | 0  | 18.07  | 18.27 | 18.08  | 18.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 25.06  | 25.23 | 25.22  | 25.70                  |
| 5               | QPSK   | 1  | 12 | 24.77  | 24.93 | 24.91  | 25.70                  |
| 5               | QPSK   | 1  | 24 | 24.70  | 24.86 | 24.85  | 25.70                  |
| 5               | QPSK   | 12 | 0  | 23.93  | 24.10 | 24.08  | 24.70                  |
| 5               | QPSK   | 12 | 7  | 23.86  | 24.01 | 23.96  | 24.70                  |
| 5               | QPSK   | 12 | 13 | 23.84  | 24.14 | 23.88  | 24.70                  |
| 5               | QPSK   | 25 | 0  | 21.95  | 22.15 | 22.09  | 22.70                  |
| 5               | 16QAM  | 1  | 0  | 24.29  | 24.38 | 24.42  | 24.70                  |
| 5               | 16QAM  | 1  | 12 | 24.08  | 24.28 | 24.16  | 24.70                  |
| 5               | 16QAM  | 1  | 24 | 23.85  | 24.11 | 23.95  | 24.70                  |
| 5               | 16QAM  | 12 | 0  | 22.82  | 23.05 | 22.98  | 23.70                  |
| 5               | 16QAM  | 12 | 7  | 22.88  | 23.10 | 22.86  | 23.70                  |
| 5               | 16QAM  | 12 | 13 | 22.87  | 23.12 | 22.93  | 23.70                  |
| 5               | 16QAM  | 25 | 0  | 20.96  | 21.10 | 21.01  | 21.70                  |
| 5               | 64QAM  | 1  | 0  | 23.36  | 23.40 | 23.40  | 23.70                  |
| 5               | 64QAM  | 1  | 12 | 23.01  | 23.32 | 23.24  | 23.70                  |
| 5               | 64QAM  | 1  | 24 | 23.10  | 23.30 | 23.31  | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.93  | 22.14 | 22.07  | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 21.95  | 22.11 | 22.10  | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.90  | 22.19 | 22.03  | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 19.99  | 20.25 | 20.18  | 20.70                  |
| 5               | 256QAM | 1  | 0  | 20.26  | 20.50 | 20.30  | 20.70                  |
| 5               | 256QAM | 1  | 12 | 20.12  | 20.34 | 20.29  | 20.70                  |
| 5               | 256QAM | 1  | 24 | 20.08  | 20.32 | 20.24  | 20.70                  |
| 5               | 256QAM | 12 | 0  | 20.16  | 20.37 | 20.25  | 20.70                  |
| 5               | 256QAM | 12 | 7  | 20.07  | 20.21 | 20.19  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 20.09  | 20.30 | 20.08  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 18.10  | 18.23 | 18.11  | 18.70                  |



## 【LTE Band 7\_Ant 2\_ECI5】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 17.23                    | 17.28                       | 17.21                     | 17.70                  |
| 20              | QPSK       | 1       | 49        | 17.03                    | 17.21                       | 17.10                     | 17.70                  |
| 20              | QPSK       | 1       | 99        | 17.07                    | 17.19                       | 17.05                     | 17.70                  |
| 20              | QPSK       | 50      | 0         | 17.15                    | 17.25                       | 17.13                     | 17.70                  |
| 20              | QPSK       | 50      | 24        | 17.05                    | 17.23                       | 17.07                     | 17.70                  |
| 20              | QPSK       | 50      | 50        | 17.11                    | 17.18                       | 17.07                     | 17.70                  |
| 20              | QPSK       | 100     | 0         | 17.05                    | 17.11                       | 16.96                     | 17.70                  |
| 20              | 16QAM      | 1       | 0         | 17.08                    | 17.15                       | 17.05                     | 17.70                  |
| 20              | 16QAM      | 1       | 49        | 17.00                    | 17.13                       | 16.94                     | 17.70                  |
| 20              | 16QAM      | 1       | 99        | 16.99                    | 17.10                       | 16.96                     | 17.70                  |
| 20              | 16QAM      | 50      | 0         | 16.90                    | 17.09                       | 16.90                     | 17.70                  |
| 20              | 16QAM      | 50      | 24        | 16.98                    | 17.14                       | 17.00                     | 17.70                  |
| 20              | 16QAM      | 50      | 50        | 16.96                    | 17.09                       | 16.90                     | 17.70                  |
| 20              | 16QAM      | 100     | 0         | 16.82                    | 16.99                       | 16.81                     | 17.70                  |
| 20              | 64QAM      | 1       | 0         | 17.04                    | 17.10                       | 16.98                     | 17.70                  |
| 20              | 64QAM      | 1       | 49        | 16.80                    | 16.99                       | 16.80                     | 17.70                  |
| 20              | 64QAM      | 1       | 99        | 16.84                    | 16.95                       | 16.83                     | 17.70                  |
| 20              | 64QAM      | 50      | 0         | 16.86                    | 16.93                       | 16.73                     | 17.70                  |
| 20              | 64QAM      | 50      | 24        | 16.88                    | 17.07                       | 16.99                     | 17.70                  |
| 20              | 64QAM      | 50      | 50        | 17.02                    | 17.13                       | 17.01                     | 17.70                  |
| 20              | 64QAM      | 100     | 0         | 16.97                    | 17.10                       | 17.00                     | 17.70                  |
| 20              | 256QAM     | 1       | 0         | 16.95                    | 17.03                       | 16.81                     | 17.70                  |
| 20              | 256QAM     | 1       | 49        | 16.98                    | 17.13                       | 16.92                     | 17.70                  |
| 20              | 256QAM     | 1       | 99        | 16.83                    | 17.03                       | 16.84                     | 17.70                  |
| 20              | 256QAM     | 50      | 0         | 16.83                    | 16.99                       | 16.84                     | 17.70                  |
| 20              | 256QAM     | 50      | 24        | 16.98                    | 17.14                       | 16.95                     | 17.70                  |
| 20              | 256QAM     | 50      | 50        | 16.93                    | 17.08                       | 16.97                     | 17.70                  |
| 20              | 256QAM     | 100     | 0         | 16.79                    | 16.96                       | 16.78                     | 17.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.09                    | 17.22                       | 17.17                     | 17.70                  |
| 15              | QPSK       | 1       | 37        | 16.95                    | 17.11                       | 16.97                     | 17.70                  |
| 15              | QPSK       | 1       | 74        | 16.94                    | 17.04                       | 17.02                     | 17.70                  |
| 15              | QPSK       | 36      | 0         | 17.03                    | 17.17                       | 17.10                     | 17.70                  |
| 15              | QPSK       | 36      | 20        | 16.92                    | 17.17                       | 17.06                     | 17.70                  |
| 15              | QPSK       | 36      | 39        | 16.97                    | 17.11                       | 17.04                     | 17.70                  |
| 15              | QPSK       | 75      | 0         | 17.00                    | 16.97                       | 16.95                     | 17.70                  |
| 15              | 16QAM      | 1       | 0         | 16.94                    | 17.01                       | 16.92                     | 17.70                  |
| 15              | 16QAM      | 1       | 37        | 16.87                    | 17.08                       | 16.89                     | 17.70                  |
| 15              | 16QAM      | 1       | 74        | 16.86                    | 17.07                       | 16.91                     | 17.70                  |
| 15              | 16QAM      | 36      | 0         | 16.81                    | 16.99                       | 16.76                     | 17.70                  |
| 15              | 16QAM      | 36      | 20        | 16.92                    | 17.01                       | 16.99                     | 17.70                  |
| 15              | 16QAM      | 36      | 39        | 16.83                    | 16.98                       | 16.85                     | 17.70                  |
| 15              | 16QAM      | 75      | 0         | 16.72                    | 16.96                       | 16.74                     | 17.70                  |
| 15              | 64QAM      | 1       | 0         | 17.02                    | 17.03                       | 16.92                     | 17.70                  |
| 15              | 64QAM      | 1       | 37        | 16.78                    | 16.91                       | 16.71                     | 17.70                  |
| 15              | 64QAM      | 1       | 74        | 16.80                    | 16.81                       | 16.74                     | 17.70                  |
| 15              | 64QAM      | 36      | 0         | 16.73                    | 16.87                       | 16.61                     | 17.70                  |
| 15              | 64QAM      | 36      | 20        | 16.75                    | 16.97                       | 16.92                     | 17.70                  |
| 15              | 64QAM      | 36      | 39        | 17.00                    | 17.00                       | 16.92                     | 17.70                  |
| 15              | 64QAM      | 75      | 0         | 16.83                    | 17.07                       | 16.90                     | 17.70                  |
| 15              | 256QAM     | 1       | 0         | 16.83                    | 16.89                       | 16.77                     | 17.70                  |
| 15              | 256QAM     | 1       | 37        | 16.88                    | 17.03                       | 16.87                     | 17.70                  |
| 15              | 256QAM     | 1       | 74        | 16.69                    | 16.95                       | 16.70                     | 17.70                  |
| 15              | 256QAM     | 36      | 0         | 16.81                    | 16.87                       | 16.79                     | 17.70                  |
| 15              | 256QAM     | 36      | 20        | 16.87                    | 17.11                       | 16.85                     | 17.70                  |
| 15              | 256QAM     | 36      | 39        | 16.85                    | 17.04                       | 16.92                     | 17.70                  |
| 15              | 256QAM     | 75      | 0         | 16.70                    | 16.91                       | 16.69                     | 17.70                  |
| Channel         |            |         |           | 20800                    | 21100                       | 21400                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | QPSK       | 1       | 0         | 17.15                    | 17.15                       | 17.15                     | 17.70                  |
| 10              | QPSK       | 1       | 25        | 16.91                    | 17.11                       | 16.97                     | 17.70                  |
| 10              | QPSK       | 1       | 49        | 17.03                    | 17.11                       | 16.92                     | 17.70                  |
| 10              | QPSK       | 25      | 0         | 17.09                    | 17.21                       | 17.10                     | 17.70                  |
| 10              | QPSK       | 25      | 12        | 16.93                    | 17.18                       | 17.06                     | 17.70                  |
| 10              | QPSK       | 25      | 25        | 16.98                    | 17.13                       | 16.95                     | 17.70                  |
| 10              | QPSK       | 50      | 0         | 16.92                    | 17.00                       | 16.84                     | 17.70                  |
| 10              | 16QAM      | 1       | 0         | 17.00                    | 17.02                       | 17.01                     | 17.70                  |
| 10              | 16QAM      | 1       | 25        | 16.98                    | 17.01                       | 16.82                     | 17.70                  |
| 10              | 16QAM      | 1       | 49        | 16.88                    | 17.08                       | 16.92                     | 17.70                  |
| 10              | 16QAM      | 25      | 0         | 16.76                    | 16.98                       | 16.83                     | 17.70                  |
| 10              | 16QAM      | 25      | 12        | 16.87                    | 17.07                       | 16.95                     | 17.70                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 16QAM  | 25 | 25 | 16.83  | 17.03 | 16.77  | 17.70                  |
| 10              | 16QAM  | 50 | 0  | 16.76  | 16.86 | 16.75  | 17.70                  |
| 10              | 64QAM  | 1  | 0  | 16.96  | 16.97 | 16.95  | 17.70                  |
| 10              | 64QAM  | 1  | 25 | 16.67  | 16.91 | 16.73  | 17.70                  |
| 10              | 64QAM  | 1  | 49 | 16.70  | 16.93 | 16.81  | 17.70                  |
| 10              | 64QAM  | 25 | 0  | 16.82  | 16.86 | 16.67  | 17.70                  |
| 10              | 64QAM  | 25 | 12 | 16.76  | 16.97 | 16.91  | 17.70                  |
| 10              | 64QAM  | 25 | 25 | 16.89  | 17.03 | 16.92  | 17.70                  |
| 10              | 64QAM  | 50 | 0  | 16.91  | 16.99 | 16.94  | 17.70                  |
| 10              | 256QAM | 1  | 0  | 16.94  | 16.91 | 16.76  | 17.70                  |
| 10              | 256QAM | 1  | 25 | 16.83  | 17.09 | 16.82  | 17.70                  |
| 10              | 256QAM | 1  | 49 | 16.70  | 16.96 | 16.69  | 17.70                  |
| 10              | 256QAM | 25 | 0  | 16.76  | 16.91 | 16.71  | 17.70                  |
| 10              | 256QAM | 25 | 12 | 16.93  | 16.99 | 16.82  | 17.70                  |
| 10              | 256QAM | 25 | 25 | 16.86  | 17.00 | 16.87  | 17.70                  |
| 10              | 256QAM | 50 | 0  | 16.73  | 16.91 | 16.71  | 17.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.10  | 17.16 | 17.12  | 17.70                  |
| 5               | QPSK   | 1  | 12 | 16.90  | 17.19 | 17.08  | 17.70                  |
| 5               | QPSK   | 1  | 24 | 17.00  | 17.14 | 16.93  | 17.70                  |
| 5               | QPSK   | 12 | 0  | 17.10  | 17.11 | 17.01  | 17.70                  |
| 5               | QPSK   | 12 | 7  | 16.91  | 17.12 | 16.99  | 17.70                  |
| 5               | QPSK   | 12 | 13 | 17.05  | 17.16 | 17.02  | 17.70                  |
| 5               | QPSK   | 25 | 0  | 16.97  | 17.07 | 16.84  | 17.70                  |
| 5               | 16QAM  | 1  | 0  | 16.96  | 17.06 | 17.03  | 17.70                  |
| 5               | 16QAM  | 1  | 12 | 16.99  | 17.05 | 16.93  | 17.70                  |
| 5               | 16QAM  | 1  | 24 | 16.95  | 17.02 | 16.87  | 17.70                  |
| 5               | 16QAM  | 12 | 0  | 16.82  | 17.02 | 16.80  | 17.70                  |
| 5               | 16QAM  | 12 | 7  | 16.94  | 17.10 | 16.91  | 17.70                  |
| 5               | 16QAM  | 12 | 13 | 16.82  | 17.06 | 16.81  | 17.70                  |
| 5               | 16QAM  | 25 | 0  | 16.70  | 16.98 | 16.67  | 17.70                  |
| 5               | 64QAM  | 1  | 0  | 17.01  | 17.06 | 16.88  | 17.70                  |
| 5               | 64QAM  | 1  | 12 | 16.73  | 16.88 | 16.78  | 17.70                  |
| 5               | 64QAM  | 1  | 24 | 16.82  | 16.93 | 16.77  | 17.70                  |
| 5               | 64QAM  | 12 | 0  | 16.84  | 16.88 | 16.71  | 17.70                  |
| 5               | 64QAM  | 12 | 7  | 16.83  | 16.97 | 16.96  | 17.70                  |
| 5               | 64QAM  | 12 | 13 | 16.97  | 17.01 | 16.91  | 17.70                  |
| 5               | 64QAM  | 25 | 0  | 16.83  | 16.98 | 16.90  | 17.70                  |
| 5               | 256QAM | 1  | 0  | 16.81  | 17.00 | 16.70  | 17.70                  |
| 5               | 256QAM | 1  | 12 | 16.91  | 17.05 | 16.87  | 17.70                  |
| 5               | 256QAM | 1  | 24 | 16.71  | 17.02 | 16.69  | 17.70                  |
| 5               | 256QAM | 12 | 0  | 16.69  | 16.93 | 16.73  | 17.70                  |
| 5               | 256QAM | 12 | 7  | 16.86  | 17.10 | 16.82  | 17.70                  |
| 5               | 256QAM | 12 | 13 | 16.81  | 17.01 | 16.82  | 17.70                  |
| 5               | 256QAM | 25 | 0  | 16.76  | 16.88 | 16.71  | 17.70                  |

【LTE Band 7\_Ant 3\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 25.14                    | 25.25                       | 25.13                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.90                    | 25.06                       | 24.88                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.82                    | 25.07                       | 24.89                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 24.05                    | 24.21                       | 23.98                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.97                    | 24.13                       | 23.89                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.92                    | 24.14                       | 23.94                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 22.02                    | 22.24                       | 21.99                     | 22.70                  |
| 20              | 16QAM      | 1       | 0         | 24.32                    | 24.46                       | 24.20                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 24.14                    | 24.38                       | 24.23                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 24.24                    | 24.43                       | 24.22                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 23.10                    | 23.23                       | 23.09                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 23.05                    | 23.28                       | 23.14                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 23.16                    | 23.28                       | 23.07                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 21.10                    | 21.30                       | 21.05                     | 21.70                  |
| 20              | 64QAM      | 1       | 0         | 23.43                    | 23.60                       | 23.35                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 23.27                    | 23.52                       | 23.38                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 23.38                    | 23.57                       | 23.33                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 22.24                    | 22.39                       | 22.27                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 22.12                    | 22.35                       | 22.17                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 22.13                    | 22.36                       | 22.13                     | 22.70                  |



# FCC SAR Test Report

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|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 64QAM  | 100 | 0  | 20.16  | 20.38 | 20.25  | 20.70         |
| 20              | 256QAM | 1   | 0  | 20.40  | 20.60 | 20.42  | 20.70         |
| 20              | 256QAM | 1   | 49 | 20.46  | 20.59 | 20.43  | 20.70         |
| 20              | 256QAM | 1   | 99 | 20.40  | 20.57 | 20.45  | 20.70         |
| 20              | 256QAM | 50  | 0  | 20.42  | 20.56 | 20.41  | 20.70         |
| 20              | 256QAM | 50  | 24 | 20.35  | 20.53 | 20.35  | 20.70         |
| 20              | 256QAM | 50  | 50 | 20.36  | 20.52 | 20.40  | 20.70         |
| 20              | 256QAM | 100 | 0  | 18.30  | 18.52 | 18.28  | 18.70         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 25.12  | 25.24 | 25.04  | 25.70         |
| 15              | QPSK   | 1   | 37 | 24.81  | 24.93 | 24.84  | 25.70         |
| 15              | QPSK   | 1   | 74 | 24.68  | 25.01 | 24.77  | 25.70         |
| 15              | QPSK   | 36  | 0  | 23.97  | 24.12 | 23.85  | 24.70         |
| 15              | QPSK   | 36  | 20 | 23.85  | 23.99 | 23.78  | 24.70         |
| 15              | QPSK   | 36  | 39 | 23.86  | 24.10 | 23.88  | 24.70         |
| 15              | QPSK   | 75  | 0  | 21.95  | 22.18 | 21.85  | 22.70         |
| 15              | 16QAM  | 1   | 0  | 24.25  | 24.32 | 24.13  | 24.70         |
| 15              | 16QAM  | 1   | 37 | 24.08  | 24.26 | 24.11  | 24.70         |
| 15              | 16QAM  | 1   | 74 | 24.12  | 24.38 | 24.15  | 24.70         |
| 15              | 16QAM  | 36  | 0  | 23.01  | 23.09 | 22.99  | 23.70         |
| 15              | 16QAM  | 36  | 20 | 23.00  | 23.16 | 23.09  | 23.70         |
| 15              | 16QAM  | 36  | 39 | 23.03  | 23.26 | 23.05  | 23.70         |
| 15              | 16QAM  | 75  | 0  | 20.96  | 21.26 | 20.95  | 21.70         |
| 15              | 64QAM  | 1   | 0  | 23.40  | 23.49 | 23.32  | 23.70         |
| 15              | 64QAM  | 1   | 37 | 23.20  | 23.45 | 23.23  | 23.70         |
| 15              | 64QAM  | 1   | 74 | 23.27  | 23.50 | 23.24  | 23.70         |
| 15              | 64QAM  | 36  | 0  | 22.22  | 22.35 | 22.17  | 22.70         |
| 15              | 64QAM  | 36  | 20 | 22.01  | 22.26 | 22.05  | 22.70         |
| 15              | 64QAM  | 36  | 39 | 22.11  | 22.32 | 22.00  | 22.70         |
| 15              | 64QAM  | 75  | 0  | 20.11  | 20.29 | 20.16  | 20.70         |
| 15              | 256QAM | 1   | 0  | 20.30  | 20.52 | 20.39  | 20.70         |
| 15              | 256QAM | 1   | 37 | 20.41  | 20.51 | 20.40  | 20.70         |
| 15              | 256QAM | 1   | 74 | 20.37  | 20.48 | 20.41  | 20.70         |
| 15              | 256QAM | 36  | 0  | 20.33  | 20.53 | 20.39  | 20.70         |
| 15              | 256QAM | 36  | 20 | 20.31  | 20.45 | 20.31  | 20.70         |
| 15              | 256QAM | 36  | 39 | 20.21  | 20.42 | 20.34  | 20.70         |
| 15              | 256QAM | 75  | 0  | 18.17  | 18.38 | 18.27  | 18.70         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 25.03  | 25.16 | 25.06  | 25.70         |
| 10              | QPSK   | 1   | 25 | 24.82  | 25.04 | 24.81  | 25.70         |
| 10              | QPSK   | 1   | 49 | 24.74  | 25.03 | 24.79  | 25.70         |
| 10              | QPSK   | 25  | 0  | 23.91  | 24.11 | 23.87  | 24.70         |
| 10              | QPSK   | 25  | 12 | 23.92  | 24.08 | 23.75  | 24.70         |
| 10              | QPSK   | 25  | 25 | 23.78  | 24.02 | 23.82  | 24.70         |
| 10              | QPSK   | 50  | 0  | 21.94  | 22.10 | 21.89  | 22.70         |
| 10              | 16QAM  | 1   | 0  | 24.26  | 24.39 | 24.13  | 24.70         |
| 10              | 16QAM  | 1   | 25 | 24.10  | 24.25 | 24.11  | 24.70         |
| 10              | 16QAM  | 1   | 49 | 24.13  | 24.29 | 24.17  | 24.70         |
| 10              | 16QAM  | 25  | 0  | 23.06  | 23.15 | 23.01  | 23.70         |
| 10              | 16QAM  | 25  | 12 | 22.98  | 23.16 | 23.05  | 23.70         |
| 10              | 16QAM  | 25  | 25 | 23.06  | 23.25 | 22.96  | 23.70         |
| 10              | 16QAM  | 50  | 0  | 21.08  | 21.16 | 20.95  | 21.70         |
| 10              | 64QAM  | 1   | 0  | 23.35  | 23.48 | 23.22  | 23.70         |
| 10              | 64QAM  | 1   | 25 | 23.12  | 23.37 | 23.23  | 23.70         |
| 10              | 64QAM  | 1   | 49 | 23.25  | 23.43 | 23.24  | 23.70         |
| 10              | 64QAM  | 25  | 0  | 22.15  | 22.30 | 22.18  | 22.70         |
| 10              | 64QAM  | 25  | 12 | 22.06  | 22.31 | 22.08  | 22.70         |
| 10              | 64QAM  | 25  | 25 | 21.98  | 22.26 | 21.99  | 22.70         |
| 10              | 64QAM  | 50  | 0  | 20.05  | 20.30 | 20.23  | 20.70         |
| 10              | 256QAM | 1   | 0  | 20.36  | 20.52 | 20.38  | 20.70         |
| 10              | 256QAM | 1   | 25 | 20.39  | 20.49 | 20.28  | 20.70         |
| 10              | 256QAM | 1   | 49 | 20.26  | 20.47 | 20.31  | 20.70         |
| 10              | 256QAM | 25  | 0  | 20.32  | 20.52 | 20.33  | 20.70         |
| 10              | 256QAM | 25  | 12 | 20.28  | 20.47 | 20.27  | 20.70         |
| 10              | 256QAM | 25  | 25 | 20.34  | 20.37 | 20.34  | 20.70         |
| 10              | 256QAM | 50  | 0  | 18.22  | 18.51 | 18.16  | 18.70         |
| Channel         |        |     |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 25.12  | 25.11 | 25.09  | 25.70         |
| 5               | QPSK   | 1   | 12 | 24.78  | 24.95 | 24.87  | 25.70         |
| 5               | QPSK   | 1   | 24 | 24.80  | 24.94 | 24.80  | 25.70         |
| 5               | QPSK   | 12  | 0  | 23.92  | 24.08 | 23.92  | 24.70         |
| 5               | QPSK   | 12  | 7  | 23.95  | 24.01 | 23.75  | 24.70         |
| 5               | QPSK   | 12  | 13 | 23.86  | 24.09 | 23.82  | 24.70         |
| 5               | QPSK   | 25  | 0  | 21.88  | 22.16 | 21.86  | 22.70         |
| 5               | 16QAM  | 1   | 0  | 24.23  | 24.44 | 24.11  | 24.70         |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 1  | 12 | 24.06 | 24.36 | 24.09 | 24.70 |
| 5 | 16QAM  | 1  | 24 | 24.22 | 24.35 | 24.11 | 24.70 |
| 5 | 16QAM  | 12 | 0  | 23.05 | 23.12 | 22.97 | 23.70 |
| 5 | 16QAM  | 12 | 7  | 22.97 | 23.26 | 23.03 | 23.70 |
| 5 | 16QAM  | 12 | 13 | 23.04 | 23.19 | 22.97 | 23.70 |
| 5 | 16QAM  | 25 | 0  | 20.96 | 21.19 | 21.02 | 21.70 |
| 5 | 64QAM  | 1  | 0  | 23.28 | 23.55 | 23.21 | 23.70 |
| 5 | 64QAM  | 1  | 12 | 23.16 | 23.50 | 23.26 | 23.70 |
| 5 | 64QAM  | 1  | 24 | 23.29 | 23.54 | 23.30 | 23.70 |
| 5 | 64QAM  | 12 | 0  | 22.12 | 22.37 | 22.20 | 22.70 |
| 5 | 64QAM  | 12 | 7  | 21.99 | 22.24 | 22.12 | 22.70 |
| 5 | 64QAM  | 12 | 13 | 21.99 | 22.22 | 22.06 | 22.70 |
| 5 | 64QAM  | 25 | 0  | 20.06 | 20.31 | 20.16 | 20.70 |
| 5 | 256QAM | 1  | 0  | 20.30 | 20.57 | 20.40 | 20.70 |
| 5 | 256QAM | 1  | 12 | 20.33 | 20.49 | 20.32 | 20.70 |
| 5 | 256QAM | 1  | 24 | 20.38 | 20.54 | 20.32 | 20.70 |
| 5 | 256QAM | 12 | 0  | 20.31 | 20.48 | 20.35 | 20.70 |
| 5 | 256QAM | 12 | 7  | 20.29 | 20.45 | 20.21 | 20.70 |
| 5 | 256QAM | 12 | 13 | 20.34 | 20.47 | 20.27 | 20.70 |
| 5 | 256QAM | 25 | 0  | 18.26 | 18.46 | 18.15 | 18.70 |

**【LTE Band 7\_Ant 3\_ECI1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 17.73                    | 17.78                       | 17.71                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 17.63                    | 17.73                       | 17.53                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 17.59                    | 17.70                       | 17.53                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 17.63                    | 17.75                       | 17.67                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 17.54                    | 17.66                       | 17.55                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 17.44                    | 17.61                       | 17.43                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 17.51                    | 17.65                       | 17.46                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 17.52                    | 17.69                       | 17.55                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 17.60                    | 17.72                       | 17.52                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 17.55                    | 17.64                       | 17.53                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 17.53                    | 17.63                       | 17.46                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 17.28                    | 17.46                       | 17.27                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 17.39                    | 17.56                       | 17.38                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 17.57                    | 17.64                       | 17.53                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 17.52                    | 17.60                       | 17.47                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 17.45                    | 17.63                       | 17.44                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 17.46                    | 17.58                       | 17.48                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 17.43                    | 17.52                       | 17.36                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 17.46                    | 17.63                       | 17.53                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 17.54                    | 17.72                       | 17.62                     | 18.20                  |
| 20              | 64QAM      | 100     | 0         | 17.38                    | 17.57                       | 17.37                     | 18.20                  |
| 20              | 256QAM     | 1       | 0         | 17.37                    | 17.56                       | 17.35                     | 18.20                  |
| 20              | 256QAM     | 1       | 49        | 17.46                    | 17.59                       | 17.49                     | 18.20                  |
| 20              | 256QAM     | 1       | 99        | 17.49                    | 17.61                       | 17.51                     | 18.20                  |
| 20              | 256QAM     | 50      | 0         | 17.50                    | 17.70                       | 17.54                     | 18.20                  |
| 20              | 256QAM     | 50      | 24        | 17.37                    | 17.56                       | 17.46                     | 18.20                  |
| 20              | 256QAM     | 50      | 50        | 17.47                    | 17.53                       | 17.43                     | 18.20                  |
| 20              | 256QAM     | 100     | 0         | 17.50                    | 17.59                       | 17.44                     | 18.20                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.62                    | 17.63                       | 17.63                     | 18.20                  |
| 15              | QPSK       | 1       | 37        | 17.52                    | 17.61                       | 17.38                     | 18.20                  |
| 15              | QPSK       | 1       | 74        | 17.53                    | 17.61                       | 17.38                     | 18.20                  |
| 15              | QPSK       | 36      | 0         | 17.57                    | 17.72                       | 17.53                     | 18.20                  |
| 15              | QPSK       | 36      | 20        | 17.51                    | 17.63                       | 17.42                     | 18.20                  |
| 15              | QPSK       | 36      | 39        | 17.30                    | 17.53                       | 17.39                     | 18.20                  |
| 15              | QPSK       | 75      | 0         | 17.43                    | 17.55                       | 17.44                     | 18.20                  |
| 15              | 16QAM      | 1       | 0         | 17.38                    | 17.55                       | 17.41                     | 18.20                  |
| 15              | 16QAM      | 1       | 37        | 17.54                    | 17.69                       | 17.40                     | 18.20                  |
| 15              | 16QAM      | 1       | 74        | 17.46                    | 17.59                       | 17.39                     | 18.20                  |
| 15              | 16QAM      | 36      | 0         | 17.44                    | 17.59                       | 17.40                     | 18.20                  |
| 15              | 16QAM      | 36      | 20        | 17.19                    | 17.34                       | 17.25                     | 18.20                  |
| 15              | 16QAM      | 36      | 39        | 17.31                    | 17.46                       | 17.36                     | 18.20                  |
| 15              | 16QAM      | 75      | 0         | 17.48                    | 17.62                       | 17.42                     | 18.20                  |
| 15              | 64QAM      | 1       | 0         | 17.39                    | 17.56                       | 17.44                     | 18.20                  |
| 15              | 64QAM      | 1       | 37        | 17.43                    | 17.51                       | 17.42                     | 18.20                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 1  | 74 | 17.35  | 17.44 | 17.46  | 18.20                  |
| 15              | 64QAM  | 36 | 0  | 17.31  | 17.38 | 17.29  | 18.20                  |
| 15              | 64QAM  | 36 | 20 | 17.33  | 17.49 | 17.50  | 18.20                  |
| 15              | 64QAM  | 36 | 39 | 17.50  | 17.68 | 17.52  | 18.20                  |
| 15              | 64QAM  | 75 | 0  | 17.28  | 17.43 | 17.32  | 18.20                  |
| 15              | 256QAM | 1  | 0  | 17.36  | 17.54 | 17.31  | 18.20                  |
| 15              | 256QAM | 1  | 37 | 17.34  | 17.55 | 17.46  | 18.20                  |
| 15              | 256QAM | 1  | 74 | 17.40  | 17.55 | 17.38  | 18.20                  |
| 15              | 256QAM | 36 | 0  | 17.45  | 17.59 | 17.52  | 18.20                  |
| 15              | 256QAM | 36 | 20 | 17.23  | 17.41 | 17.38  | 18.20                  |
| 15              | 256QAM | 36 | 39 | 17.42  | 17.39 | 17.35  | 18.20                  |
| 15              | 256QAM | 75 | 0  | 17.45  | 17.53 | 17.34  | 18.20                  |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                        |
| 10              | QPSK   | 1  | 0  | 17.70  | 17.66 | 17.59  | 18.20                  |
| 10              | QPSK   | 1  | 25 | 17.58  | 17.71 | 17.52  | 18.20                  |
| 10              | QPSK   | 1  | 49 | 17.47  | 17.60 | 17.45  | 18.20                  |
| 10              | QPSK   | 25 | 0  | 17.49  | 17.74 | 17.53  | 18.20                  |
| 10              | QPSK   | 25 | 12 | 17.46  | 17.52 | 17.53  | 18.20                  |
| 10              | QPSK   | 25 | 25 | 17.38  | 17.51 | 17.39  | 18.20                  |
| 10              | QPSK   | 50 | 0  | 17.37  | 17.53 | 17.36  | 18.20                  |
| 10              | 16QAM  | 1  | 0  | 17.38  | 17.59 | 17.41  | 18.20                  |
| 10              | 16QAM  | 1  | 25 | 17.59  | 17.62 | 17.38  | 18.20                  |
| 10              | 16QAM  | 1  | 49 | 17.43  | 17.58 | 17.48  | 18.20                  |
| 10              | 16QAM  | 25 | 0  | 17.47  | 17.55 | 17.35  | 18.20                  |
| 10              | 16QAM  | 25 | 12 | 17.24  | 17.36 | 17.19  | 18.20                  |
| 10              | 16QAM  | 25 | 25 | 17.34  | 17.44 | 17.30  | 18.20                  |
| 10              | 16QAM  | 50 | 0  | 17.52  | 17.62 | 17.48  | 18.20                  |
| 10              | 64QAM  | 1  | 0  | 17.44  | 17.55 | 17.45  | 18.20                  |
| 10              | 64QAM  | 1  | 25 | 17.30  | 17.48 | 17.34  | 18.20                  |
| 10              | 64QAM  | 1  | 49 | 17.33  | 17.51 | 17.39  | 18.20                  |
| 10              | 64QAM  | 25 | 0  | 17.42  | 17.44 | 17.29  | 18.20                  |
| 10              | 64QAM  | 25 | 12 | 17.38  | 17.54 | 17.41  | 18.20                  |
| 10              | 64QAM  | 25 | 25 | 17.53  | 17.59 | 17.56  | 18.20                  |
| 10              | 64QAM  | 50 | 0  | 17.32  | 17.49 | 17.32  | 18.20                  |
| 10              | 256QAM | 1  | 0  | 17.26  | 17.50 | 17.32  | 18.20                  |
| 10              | 256QAM | 1  | 25 | 17.38  | 17.54 | 17.36  | 18.20                  |
| 10              | 256QAM | 1  | 49 | 17.42  | 17.52 | 17.47  | 18.20                  |
| 10              | 256QAM | 25 | 0  | 17.44  | 17.62 | 17.41  | 18.20                  |
| 10              | 256QAM | 25 | 12 | 17.36  | 17.47 | 17.35  | 18.20                  |
| 10              | 256QAM | 25 | 25 | 17.43  | 17.39 | 17.37  | 18.20                  |
| 10              | 256QAM | 50 | 0  | 17.48  | 17.48 | 17.37  | 18.20                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.67  | 17.70 | 17.58  | 18.20                  |
| 5               | QPSK   | 1  | 12 | 17.61  | 17.63 | 17.49  | 18.20                  |
| 5               | QPSK   | 1  | 24 | 17.44  | 17.59 | 17.40  | 18.20                  |
| 5               | QPSK   | 12 | 0  | 17.53  | 17.63 | 17.53  | 18.20                  |
| 5               | QPSK   | 12 | 7  | 17.48  | 17.59 | 17.44  | 18.20                  |
| 5               | QPSK   | 12 | 13 | 17.30  | 17.55 | 17.36  | 18.20                  |
| 5               | QPSK   | 25 | 0  | 17.47  | 17.63 | 17.41  | 18.20                  |
| 5               | 16QAM  | 1  | 0  | 17.51  | 17.65 | 17.47  | 18.20                  |
| 5               | 16QAM  | 1  | 12 | 17.48  | 17.63 | 17.48  | 18.20                  |
| 5               | 16QAM  | 1  | 24 | 17.49  | 17.57 | 17.48  | 18.20                  |
| 5               | 16QAM  | 12 | 0  | 17.45  | 17.49 | 17.42  | 18.20                  |
| 5               | 16QAM  | 12 | 7  | 17.21  | 17.43 | 17.18  | 18.20                  |
| 5               | 16QAM  | 12 | 13 | 17.38  | 17.43 | 17.35  | 18.20                  |
| 5               | 16QAM  | 25 | 0  | 17.45  | 17.63 | 17.41  | 18.20                  |
| 5               | 64QAM  | 1  | 0  | 17.46  | 17.47 | 17.38  | 18.20                  |
| 5               | 64QAM  | 1  | 12 | 17.43  | 17.59 | 17.42  | 18.20                  |
| 5               | 64QAM  | 1  | 24 | 17.45  | 17.44 | 17.34  | 18.20                  |
| 5               | 64QAM  | 12 | 0  | 17.39  | 17.44 | 17.25  | 18.20                  |
| 5               | 64QAM  | 12 | 7  | 17.33  | 17.49 | 17.46  | 18.20                  |
| 5               | 64QAM  | 12 | 13 | 17.42  | 17.60 | 17.50  | 18.20                  |
| 5               | 64QAM  | 25 | 0  | 17.31  | 17.43 | 17.32  | 18.20                  |
| 5               | 256QAM | 1  | 0  | 17.31  | 17.52 | 17.29  | 18.20                  |
| 5               | 256QAM | 1  | 12 | 17.44  | 17.53 | 17.39  | 18.20                  |
| 5               | 256QAM | 1  | 24 | 17.45  | 17.47 | 17.47  | 18.20                  |
| 5               | 256QAM | 12 | 0  | 17.48  | 17.62 | 17.51  | 18.20                  |
| 5               | 256QAM | 12 | 7  | 17.36  | 17.41 | 17.33  | 18.20                  |
| 5               | 256QAM | 12 | 13 | 17.34  | 17.50 | 17.40  | 18.20                  |
| 5               | 256QAM | 25 | 0  | 17.40  | 17.47 | 17.40  | 18.20                  |



## 【LTE Band 7\_Ant 3\_ECI3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 19.22                    | 19.28                       | 19.23                     | 19.70                  |
| 20              | QPSK       | 1       | 49        | 18.93                    | 19.07                       | 18.93                     | 19.70                  |
| 20              | QPSK       | 1       | 99        | 18.92                    | 19.07                       | 18.89                     | 19.70                  |
| 20              | QPSK       | 50      | 0         | 19.20                    | 19.26                       | 19.22                     | 19.70                  |
| 20              | QPSK       | 50      | 24        | 19.03                    | 19.17                       | 19.02                     | 19.70                  |
| 20              | QPSK       | 50      | 50        | 19.00                    | 19.08                       | 19.00                     | 19.70                  |
| 20              | QPSK       | 100     | 0         | 19.18                    | 19.23                       | 19.17                     | 19.70                  |
| 20              | 16QAM      | 1       | 0         | 18.91                    | 19.03                       | 18.83                     | 19.70                  |
| 20              | 16QAM      | 1       | 49        | 18.95                    | 19.05                       | 18.92                     | 19.70                  |
| 20              | 16QAM      | 1       | 99        | 18.95                    | 19.06                       | 18.95                     | 19.70                  |
| 20              | 16QAM      | 50      | 0         | 18.97                    | 19.13                       | 18.97                     | 19.70                  |
| 20              | 16QAM      | 50      | 24        | 18.99                    | 19.13                       | 19.04                     | 19.70                  |
| 20              | 16QAM      | 50      | 50        | 19.00                    | 19.08                       | 18.98                     | 19.70                  |
| 20              | 16QAM      | 100     | 0         | 18.93                    | 19.07                       | 18.94                     | 19.70                  |
| 20              | 64QAM      | 1       | 0         | 18.89                    | 18.99                       | 18.90                     | 19.70                  |
| 20              | 64QAM      | 1       | 49        | 18.87                    | 19.08                       | 19.01                     | 19.70                  |
| 20              | 64QAM      | 1       | 99        | 18.90                    | 19.08                       | 18.94                     | 19.70                  |
| 20              | 64QAM      | 50      | 0         | 18.88                    | 18.97                       | 18.80                     | 19.70                  |
| 20              | 64QAM      | 50      | 24        | 19.04                    | 19.12                       | 19.04                     | 19.70                  |
| 20              | 64QAM      | 50      | 50        | 18.91                    | 19.05                       | 18.85                     | 19.70                  |
| 20              | 64QAM      | 100     | 0         | 19.01                    | 19.10                       | 18.95                     | 19.70                  |
| 20              | 256QAM     | 1       | 0         | 18.89                    | 19.07                       | 18.95                     | 19.70                  |
| 20              | 256QAM     | 1       | 49        | 18.89                    | 19.02                       | 18.84                     | 19.70                  |
| 20              | 256QAM     | 1       | 99        | 18.85                    | 19.03                       | 18.84                     | 19.70                  |
| 20              | 256QAM     | 50      | 0         | 18.92                    | 19.10                       | 19.02                     | 19.70                  |
| 20              | 256QAM     | 50      | 24        | 18.99                    | 19.09                       | 19.00                     | 19.70                  |
| 20              | 256QAM     | 50      | 50        | 18.91                    | 19.01                       | 18.93                     | 19.70                  |
| 20              | 256QAM     | 100     | 0         | 18.30                    | 18.52                       | 18.28                     | 18.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 19.19                    | 19.27                       | 19.20                     | 19.70                  |
| 15              | QPSK       | 1       | 37        | 18.80                    | 18.96                       | 18.82                     | 19.70                  |
| 15              | QPSK       | 1       | 74        | 18.79                    | 18.92                       | 18.80                     | 19.70                  |
| 15              | QPSK       | 36      | 0         | 19.14                    | 19.24                       | 19.15                     | 19.70                  |
| 15              | QPSK       | 36      | 20        | 18.90                    | 19.08                       | 18.99                     | 19.70                  |
| 15              | QPSK       | 36      | 39        | 18.88                    | 18.94                       | 18.89                     | 19.70                  |
| 15              | QPSK       | 75      | 0         | 19.17                    | 19.10                       | 19.11                     | 19.70                  |
| 15              | 16QAM      | 1       | 0         | 18.80                    | 19.00                       | 18.70                     | 19.70                  |
| 15              | 16QAM      | 1       | 37        | 18.82                    | 18.91                       | 18.79                     | 19.70                  |
| 15              | 16QAM      | 1       | 74        | 18.91                    | 18.97                       | 18.90                     | 19.70                  |
| 15              | 16QAM      | 36      | 0         | 18.88                    | 19.03                       | 18.83                     | 19.70                  |
| 15              | 16QAM      | 36      | 20        | 18.97                    | 19.11                       | 18.90                     | 19.70                  |
| 15              | 16QAM      | 36      | 39        | 18.95                    | 18.98                       | 18.93                     | 19.70                  |
| 15              | 16QAM      | 75      | 0         | 18.83                    | 19.03                       | 18.92                     | 19.70                  |
| 15              | 64QAM      | 1       | 0         | 18.79                    | 18.92                       | 18.80                     | 19.70                  |
| 15              | 64QAM      | 1       | 37        | 18.84                    | 19.02                       | 18.94                     | 19.70                  |
| 15              | 64QAM      | 1       | 74        | 18.82                    | 18.97                       | 18.91                     | 19.70                  |
| 15              | 64QAM      | 36      | 0         | 18.76                    | 18.93                       | 18.78                     | 19.70                  |
| 15              | 64QAM      | 36      | 20        | 18.93                    | 19.09                       | 18.94                     | 19.70                  |
| 15              | 64QAM      | 36      | 39        | 18.80                    | 18.99                       | 18.83                     | 19.70                  |
| 15              | 64QAM      | 75      | 0         | 18.93                    | 18.97                       | 18.81                     | 19.70                  |
| 15              | 256QAM     | 1       | 0         | 18.86                    | 19.01                       | 18.89                     | 19.70                  |
| 15              | 256QAM     | 1       | 37        | 18.83                    | 18.92                       | 18.79                     | 19.70                  |
| 15              | 256QAM     | 1       | 74        | 18.70                    | 18.92                       | 18.70                     | 19.70                  |
| 15              | 256QAM     | 36      | 0         | 18.87                    | 19.03                       | 18.99                     | 19.70                  |
| 15              | 256QAM     | 36      | 20        | 18.84                    | 18.97                       | 18.95                     | 19.70                  |
| 15              | 256QAM     | 36      | 39        | 18.89                    | 18.91                       | 18.84                     | 19.70                  |
| 15              | 256QAM     | 75      | 0         | 18.21                    | 18.47                       | 18.16                     | 18.70                  |
| Channel         |            |         |           | 20800                    | 21100                       | 21400                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | QPSK       | 1       | 0         | 19.17                    | 19.13                       | 19.11                     | 19.70                  |
| 10              | QPSK       | 1       | 25        | 18.86                    | 18.99                       | 18.79                     | 19.70                  |
| 10              | QPSK       | 1       | 49        | 18.82                    | 18.98                       | 18.84                     | 19.70                  |
| 10              | QPSK       | 25      | 0         | 19.15                    | 19.21                       | 19.10                     | 19.70                  |
| 10              | QPSK       | 25      | 12        | 18.92                    | 19.09                       | 18.97                     | 19.70                  |
| 10              | QPSK       | 25      | 25        | 18.85                    | 18.94                       | 18.94                     | 19.70                  |
| 10              | QPSK       | 50      | 0         | 19.11                    | 19.18                       | 19.15                     | 19.70                  |
| 10              | 16QAM      | 1       | 0         | 18.86                    | 19.01                       | 18.80                     | 19.70                  |
| 10              | 16QAM      | 1       | 25        | 18.88                    | 19.01                       | 18.91                     | 19.70                  |
| 10              | 16QAM      | 1       | 49        | 18.81                    | 18.98                       | 18.87                     | 19.70                  |
| 10              | 16QAM      | 25      | 0         | 18.88                    | 19.09                       | 18.83                     | 19.70                  |
| 10              | 16QAM      | 25      | 12        | 18.86                    | 19.11                       | 18.94                     | 19.70                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 16QAM  | 25 | 25 | 18.97  | 19.00 | 18.94  | 19.70                  |
| 10              | 16QAM  | 50 | 0  | 18.86  | 19.01 | 18.80  | 19.70                  |
| 10              | 64QAM  | 1  | 0  | 18.82  | 18.95 | 18.87  | 19.70                  |
| 10              | 64QAM  | 1  | 25 | 18.74  | 18.98 | 18.91  | 19.70                  |
| 10              | 64QAM  | 1  | 49 | 18.80  | 18.96 | 18.81  | 19.70                  |
| 10              | 64QAM  | 25 | 0  | 18.86  | 18.96 | 18.66  | 19.70                  |
| 10              | 64QAM  | 25 | 12 | 18.93  | 19.04 | 18.97  | 19.70                  |
| 10              | 64QAM  | 25 | 25 | 18.81  | 18.97 | 18.78  | 19.70                  |
| 10              | 64QAM  | 50 | 0  | 18.92  | 19.02 | 18.89  | 19.70                  |
| 10              | 256QAM | 1  | 0  | 18.84  | 18.92 | 18.81  | 19.70                  |
| 10              | 256QAM | 1  | 25 | 18.78  | 18.94 | 18.69  | 19.70                  |
| 10              | 256QAM | 1  | 49 | 18.71  | 18.90 | 18.71  | 19.70                  |
| 10              | 256QAM | 25 | 0  | 18.87  | 19.06 | 18.90  | 19.70                  |
| 10              | 256QAM | 25 | 12 | 18.90  | 19.05 | 18.89  | 19.70                  |
| 10              | 256QAM | 25 | 25 | 18.89  | 18.89 | 18.88  | 19.70                  |
| 10              | 256QAM | 50 | 0  | 18.19  | 18.39 | 18.17  | 18.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 19.12  | 19.21 | 19.10  | 19.70                  |
| 5               | QPSK   | 1  | 12 | 18.82  | 19.00 | 18.85  | 19.70                  |
| 5               | QPSK   | 1  | 24 | 18.84  | 18.92 | 18.86  | 19.70                  |
| 5               | QPSK   | 12 | 0  | 19.19  | 19.19 | 19.18  | 19.70                  |
| 5               | QPSK   | 12 | 7  | 19.01  | 19.04 | 18.93  | 19.70                  |
| 5               | QPSK   | 12 | 13 | 18.87  | 18.98 | 18.95  | 19.70                  |
| 5               | QPSK   | 25 | 0  | 19.17  | 19.13 | 19.07  | 19.70                  |
| 5               | 16QAM  | 1  | 0  | 18.88  | 18.97 | 18.73  | 19.70                  |
| 5               | 16QAM  | 1  | 12 | 18.92  | 18.93 | 18.91  | 19.70                  |
| 5               | 16QAM  | 1  | 24 | 18.84  | 18.94 | 18.91  | 19.70                  |
| 5               | 16QAM  | 12 | 0  | 18.88  | 19.09 | 18.91  | 19.70                  |
| 5               | 16QAM  | 12 | 7  | 18.86  | 19.04 | 18.97  | 19.70                  |
| 5               | 16QAM  | 12 | 13 | 18.93  | 19.05 | 18.94  | 19.70                  |
| 5               | 16QAM  | 25 | 0  | 18.88  | 18.97 | 18.83  | 19.70                  |
| 5               | 64QAM  | 1  | 0  | 18.74  | 18.97 | 18.85  | 19.70                  |
| 5               | 64QAM  | 1  | 12 | 18.74  | 18.93 | 18.92  | 19.70                  |
| 5               | 64QAM  | 1  | 24 | 18.77  | 19.01 | 18.79  | 19.70                  |
| 5               | 64QAM  | 12 | 0  | 18.81  | 18.92 | 18.72  | 19.70                  |
| 5               | 64QAM  | 12 | 7  | 18.95  | 19.02 | 18.98  | 19.70                  |
| 5               | 64QAM  | 12 | 13 | 18.78  | 18.90 | 18.71  | 19.70                  |
| 5               | 64QAM  | 25 | 0  | 18.87  | 19.01 | 18.86  | 19.70                  |
| 5               | 256QAM | 1  | 0  | 18.77  | 18.95 | 18.85  | 19.70                  |
| 5               | 256QAM | 1  | 12 | 18.79  | 18.91 | 18.80  | 19.70                  |
| 5               | 256QAM | 1  | 24 | 18.82  | 18.92 | 18.73  | 19.70                  |
| 5               | 256QAM | 12 | 0  | 18.81  | 18.96 | 19.00  | 19.70                  |
| 5               | 256QAM | 12 | 7  | 18.92  | 19.04 | 18.93  | 19.70                  |
| 5               | 256QAM | 12 | 13 | 18.76  | 18.97 | 18.86  | 19.70                  |
| 5               | 256QAM | 25 | 0  | 18.23  | 18.39 | 18.18  | 18.70                  |

## 【LTE Band 7\_Ant 3\_ECI4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 25.14                    | 25.25                       | 25.13                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 24.90                    | 25.06                       | 24.88                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 24.82                    | 25.07                       | 24.89                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 24.05                    | 24.21                       | 23.98                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.97                    | 24.13                       | 23.89                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.92                    | 24.14                       | 23.94                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 22.02                    | 22.24                       | 21.99                     | 22.70                  |
| 20              | 16QAM      | 1       | 0         | 24.32                    | 24.46                       | 24.20                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 24.14                    | 24.38                       | 24.23                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 24.24                    | 24.43                       | 24.22                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 23.10                    | 23.23                       | 23.09                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 23.05                    | 23.28                       | 23.14                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 23.16                    | 23.28                       | 23.07                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 21.10                    | 21.30                       | 21.05                     | 21.70                  |
| 20              | 64QAM      | 1       | 0         | 23.43                    | 23.60                       | 23.35                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 23.27                    | 23.52                       | 23.38                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 23.38                    | 23.57                       | 23.33                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 22.24                    | 22.39                       | 22.27                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 22.12                    | 22.35                       | 22.17                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 22.13                    | 22.36                       | 22.13                     | 22.70                  |



# FCC SAR Test Report

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|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 64QAM  | 100 | 0  | 20.16  | 20.38 | 20.25  | 20.70         |
| 20              | 256QAM | 1   | 0  | 20.40  | 20.60 | 20.42  | 20.70         |
| 20              | 256QAM | 1   | 49 | 20.46  | 20.59 | 20.43  | 20.70         |
| 20              | 256QAM | 1   | 99 | 20.40  | 20.57 | 20.45  | 20.70         |
| 20              | 256QAM | 50  | 0  | 20.42  | 20.56 | 20.41  | 20.70         |
| 20              | 256QAM | 50  | 24 | 20.35  | 20.53 | 20.35  | 20.70         |
| 20              | 256QAM | 50  | 50 | 20.36  | 20.52 | 20.40  | 20.70         |
| 20              | 256QAM | 100 | 0  | 18.30  | 18.52 | 18.28  | 18.70         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 25.12  | 25.24 | 25.04  | 25.70         |
| 15              | QPSK   | 1   | 37 | 24.81  | 24.93 | 24.84  | 25.70         |
| 15              | QPSK   | 1   | 74 | 24.68  | 25.01 | 24.77  | 25.70         |
| 15              | QPSK   | 36  | 0  | 23.97  | 24.12 | 23.85  | 24.70         |
| 15              | QPSK   | 36  | 20 | 23.85  | 23.99 | 23.78  | 24.70         |
| 15              | QPSK   | 36  | 39 | 23.86  | 24.10 | 23.88  | 24.70         |
| 15              | QPSK   | 75  | 0  | 21.95  | 22.18 | 21.85  | 22.70         |
| 15              | 16QAM  | 1   | 0  | 24.25  | 24.32 | 24.13  | 24.70         |
| 15              | 16QAM  | 1   | 37 | 24.08  | 24.26 | 24.11  | 24.70         |
| 15              | 16QAM  | 1   | 74 | 24.12  | 24.38 | 24.15  | 24.70         |
| 15              | 16QAM  | 36  | 0  | 23.01  | 23.09 | 22.99  | 23.70         |
| 15              | 16QAM  | 36  | 20 | 23.00  | 23.16 | 23.09  | 23.70         |
| 15              | 16QAM  | 36  | 39 | 23.03  | 23.26 | 23.05  | 23.70         |
| 15              | 16QAM  | 75  | 0  | 20.96  | 21.26 | 20.95  | 21.70         |
| 15              | 64QAM  | 1   | 0  | 23.40  | 23.49 | 23.32  | 23.70         |
| 15              | 64QAM  | 1   | 37 | 23.20  | 23.45 | 23.23  | 23.70         |
| 15              | 64QAM  | 1   | 74 | 23.27  | 23.50 | 23.24  | 23.70         |
| 15              | 64QAM  | 36  | 0  | 22.22  | 22.35 | 22.17  | 22.70         |
| 15              | 64QAM  | 36  | 20 | 22.01  | 22.26 | 22.05  | 22.70         |
| 15              | 64QAM  | 36  | 39 | 22.11  | 22.32 | 22.00  | 22.70         |
| 15              | 64QAM  | 75  | 0  | 20.11  | 20.29 | 20.16  | 20.70         |
| 15              | 256QAM | 1   | 0  | 20.30  | 20.52 | 20.39  | 20.70         |
| 15              | 256QAM | 1   | 37 | 20.41  | 20.51 | 20.40  | 20.70         |
| 15              | 256QAM | 1   | 74 | 20.37  | 20.48 | 20.41  | 20.70         |
| 15              | 256QAM | 36  | 0  | 20.33  | 20.53 | 20.39  | 20.70         |
| 15              | 256QAM | 36  | 20 | 20.31  | 20.45 | 20.31  | 20.70         |
| 15              | 256QAM | 36  | 39 | 20.21  | 20.42 | 20.34  | 20.70         |
| 15              | 256QAM | 75  | 0  | 18.17  | 18.38 | 18.27  | 18.70         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 25.03  | 25.16 | 25.06  | 25.70         |
| 10              | QPSK   | 1   | 25 | 24.82  | 25.04 | 24.81  | 25.70         |
| 10              | QPSK   | 1   | 49 | 24.74  | 25.03 | 24.79  | 25.70         |
| 10              | QPSK   | 25  | 0  | 23.91  | 24.11 | 23.87  | 24.70         |
| 10              | QPSK   | 25  | 12 | 23.92  | 24.08 | 23.75  | 24.70         |
| 10              | QPSK   | 25  | 25 | 23.78  | 24.02 | 23.82  | 24.70         |
| 10              | QPSK   | 50  | 0  | 21.94  | 22.10 | 21.89  | 22.70         |
| 10              | 16QAM  | 1   | 0  | 24.26  | 24.39 | 24.13  | 24.70         |
| 10              | 16QAM  | 1   | 25 | 24.10  | 24.25 | 24.11  | 24.70         |
| 10              | 16QAM  | 1   | 49 | 24.13  | 24.29 | 24.17  | 24.70         |
| 10              | 16QAM  | 25  | 0  | 23.06  | 23.15 | 23.01  | 23.70         |
| 10              | 16QAM  | 25  | 12 | 22.98  | 23.16 | 23.05  | 23.70         |
| 10              | 16QAM  | 25  | 25 | 23.06  | 23.25 | 22.96  | 23.70         |
| 10              | 16QAM  | 50  | 0  | 21.08  | 21.16 | 20.95  | 21.70         |
| 10              | 64QAM  | 1   | 0  | 23.35  | 23.48 | 23.22  | 23.70         |
| 10              | 64QAM  | 1   | 25 | 23.12  | 23.37 | 23.23  | 23.70         |
| 10              | 64QAM  | 1   | 49 | 23.25  | 23.43 | 23.24  | 23.70         |
| 10              | 64QAM  | 25  | 0  | 22.15  | 22.30 | 22.18  | 22.70         |
| 10              | 64QAM  | 25  | 12 | 22.06  | 22.31 | 22.08  | 22.70         |
| 10              | 64QAM  | 25  | 25 | 21.98  | 22.26 | 21.99  | 22.70         |
| 10              | 64QAM  | 50  | 0  | 20.05  | 20.30 | 20.23  | 20.70         |
| 10              | 256QAM | 1   | 0  | 20.36  | 20.52 | 20.38  | 20.70         |
| 10              | 256QAM | 1   | 25 | 20.39  | 20.49 | 20.28  | 20.70         |
| 10              | 256QAM | 1   | 49 | 20.26  | 20.47 | 20.31  | 20.70         |
| 10              | 256QAM | 25  | 0  | 20.32  | 20.52 | 20.33  | 20.70         |
| 10              | 256QAM | 25  | 12 | 20.28  | 20.47 | 20.27  | 20.70         |
| 10              | 256QAM | 25  | 25 | 20.34  | 20.37 | 20.34  | 20.70         |
| 10              | 256QAM | 50  | 0  | 18.22  | 18.51 | 18.16  | 18.70         |
| Channel         |        |     |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 25.12  | 25.11 | 25.09  | 25.70         |
| 5               | QPSK   | 1   | 12 | 24.78  | 24.95 | 24.87  | 25.70         |
| 5               | QPSK   | 1   | 24 | 24.80  | 24.94 | 24.80  | 25.70         |
| 5               | QPSK   | 12  | 0  | 23.92  | 24.08 | 23.92  | 24.70         |
| 5               | QPSK   | 12  | 7  | 23.95  | 24.01 | 23.75  | 24.70         |
| 5               | QPSK   | 12  | 13 | 23.86  | 24.09 | 23.82  | 24.70         |
| 5               | QPSK   | 25  | 0  | 21.88  | 22.16 | 21.86  | 22.70         |
| 5               | 16QAM  | 1   | 0  | 24.23  | 24.44 | 24.11  | 24.70         |



|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 1  | 12 | 24.06 | 24.36 | 24.09 | 24.70 |
| 5 | 16QAM  | 1  | 24 | 24.22 | 24.35 | 24.11 | 24.70 |
| 5 | 16QAM  | 12 | 0  | 23.05 | 23.12 | 22.97 | 23.70 |
| 5 | 16QAM  | 12 | 7  | 22.97 | 23.26 | 23.03 | 23.70 |
| 5 | 16QAM  | 12 | 13 | 23.04 | 23.19 | 22.97 | 23.70 |
| 5 | 16QAM  | 25 | 0  | 20.96 | 21.19 | 21.02 | 21.70 |
| 5 | 64QAM  | 1  | 0  | 23.28 | 23.55 | 23.21 | 23.70 |
| 5 | 64QAM  | 1  | 12 | 23.16 | 23.50 | 23.26 | 23.70 |
| 5 | 64QAM  | 1  | 24 | 23.29 | 23.54 | 23.30 | 23.70 |
| 5 | 64QAM  | 12 | 0  | 22.12 | 22.37 | 22.20 | 22.70 |
| 5 | 64QAM  | 12 | 7  | 21.99 | 22.24 | 22.12 | 22.70 |
| 5 | 64QAM  | 12 | 13 | 21.99 | 22.22 | 22.06 | 22.70 |
| 5 | 64QAM  | 25 | 0  | 20.06 | 20.31 | 20.16 | 20.70 |
| 5 | 256QAM | 1  | 0  | 20.30 | 20.57 | 20.40 | 20.70 |
| 5 | 256QAM | 1  | 12 | 20.33 | 20.49 | 20.32 | 20.70 |
| 5 | 256QAM | 1  | 24 | 20.38 | 20.54 | 20.32 | 20.70 |
| 5 | 256QAM | 12 | 0  | 20.31 | 20.48 | 20.35 | 20.70 |
| 5 | 256QAM | 12 | 7  | 20.29 | 20.45 | 20.21 | 20.70 |
| 5 | 256QAM | 12 | 13 | 20.34 | 20.47 | 20.27 | 20.70 |
| 5 | 256QAM | 25 | 0  | 18.26 | 18.46 | 18.15 | 18.70 |

## 【LTE Band 7\_Ant 3\_ECI5】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     | 18.20                  |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 17.73                    | 17.78                       | 17.71                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 17.63                    | 17.73                       | 17.53                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 17.59                    | 17.70                       | 17.53                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 17.63                    | 17.75                       | 17.67                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 17.54                    | 17.66                       | 17.55                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 17.44                    | 17.61                       | 17.43                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 17.51                    | 17.65                       | 17.46                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 17.52                    | 17.69                       | 17.55                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 17.60                    | 17.72                       | 17.52                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 17.55                    | 17.64                       | 17.53                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 17.53                    | 17.63                       | 17.46                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 17.28                    | 17.46                       | 17.27                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 17.39                    | 17.56                       | 17.38                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 17.57                    | 17.64                       | 17.53                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 17.52                    | 17.60                       | 17.47                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 17.45                    | 17.63                       | 17.44                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 17.46                    | 17.58                       | 17.48                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 17.43                    | 17.52                       | 17.36                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 17.46                    | 17.63                       | 17.53                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 17.54                    | 17.72                       | 17.62                     | 18.20                  |
| 20              | 64QAM      | 100     | 0         | 17.38                    | 17.57                       | 17.37                     | 18.20                  |
| 20              | 256QAM     | 1       | 0         | 17.37                    | 17.56                       | 17.35                     | 18.20                  |
| 20              | 256QAM     | 1       | 49        | 17.46                    | 17.59                       | 17.49                     | 18.20                  |
| 20              | 256QAM     | 1       | 99        | 17.49                    | 17.61                       | 17.51                     | 18.20                  |
| 20              | 256QAM     | 50      | 0         | 17.50                    | 17.70                       | 17.54                     | 18.20                  |
| 20              | 256QAM     | 50      | 24        | 17.37                    | 17.56                       | 17.46                     | 18.20                  |
| 20              | 256QAM     | 50      | 50        | 17.47                    | 17.53                       | 17.43                     | 18.20                  |
| 20              | 256QAM     | 100     | 0         | 17.50                    | 17.59                       | 17.44                     | 18.20                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | 18.20                  |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.62                    | 17.63                       | 17.63                     | 18.20                  |
| 15              | QPSK       | 1       | 37        | 17.52                    | 17.61                       | 17.38                     | 18.20                  |
| 15              | QPSK       | 1       | 74        | 17.53                    | 17.61                       | 17.38                     | 18.20                  |
| 15              | QPSK       | 36      | 0         | 17.57                    | 17.72                       | 17.53                     | 18.20                  |
| 15              | QPSK       | 36      | 20        | 17.51                    | 17.63                       | 17.42                     | 18.20                  |
| 15              | QPSK       | 36      | 39        | 17.30                    | 17.53                       | 17.39                     | 18.20                  |
| 15              | QPSK       | 75      | 0         | 17.43                    | 17.55                       | 17.44                     | 18.20                  |
| 15              | 16QAM      | 1       | 0         | 17.38                    | 17.55                       | 17.41                     | 18.20                  |
| 15              | 16QAM      | 1       | 37        | 17.54                    | 17.69                       | 17.40                     | 18.20                  |
| 15              | 16QAM      | 1       | 74        | 17.46                    | 17.59                       | 17.39                     | 18.20                  |
| 15              | 16QAM      | 36      | 0         | 17.44                    | 17.59                       | 17.40                     | 18.20                  |
| 15              | 16QAM      | 36      | 20        | 17.19                    | 17.34                       | 17.25                     | 18.20                  |
| 15              | 16QAM      | 36      | 39        | 17.31                    | 17.46                       | 17.36                     | 18.20                  |
| 15              | 16QAM      | 75      | 0         | 17.48                    | 17.62                       | 17.42                     | 18.20                  |
| 15              | 64QAM      | 1       | 0         | 17.39                    | 17.56                       | 17.44                     | 18.20                  |
| 15              | 64QAM      | 1       | 37        | 17.43                    | 17.51                       | 17.42                     | 18.20                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 1  | 74 | 17.35  | 17.44 | 17.46  | 18.20                  |
| 15              | 64QAM  | 36 | 0  | 17.31  | 17.38 | 17.29  | 18.20                  |
| 15              | 64QAM  | 36 | 20 | 17.33  | 17.49 | 17.50  | 18.20                  |
| 15              | 64QAM  | 36 | 39 | 17.50  | 17.68 | 17.52  | 18.20                  |
| 15              | 64QAM  | 75 | 0  | 17.28  | 17.43 | 17.32  | 18.20                  |
| 15              | 256QAM | 1  | 0  | 17.36  | 17.54 | 17.31  | 18.20                  |
| 15              | 256QAM | 1  | 37 | 17.34  | 17.55 | 17.46  | 18.20                  |
| 15              | 256QAM | 1  | 74 | 17.40  | 17.55 | 17.38  | 18.20                  |
| 15              | 256QAM | 36 | 0  | 17.45  | 17.59 | 17.52  | 18.20                  |
| 15              | 256QAM | 36 | 20 | 17.23  | 17.41 | 17.38  | 18.20                  |
| 15              | 256QAM | 36 | 39 | 17.42  | 17.39 | 17.35  | 18.20                  |
| 15              | 256QAM | 75 | 0  | 17.45  | 17.53 | 17.34  | 18.20                  |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                        |
| 10              | QPSK   | 1  | 0  | 17.70  | 17.66 | 17.59  | 18.20                  |
| 10              | QPSK   | 1  | 25 | 17.58  | 17.71 | 17.52  | 18.20                  |
| 10              | QPSK   | 1  | 49 | 17.47  | 17.60 | 17.45  | 18.20                  |
| 10              | QPSK   | 25 | 0  | 17.49  | 17.74 | 17.53  | 18.20                  |
| 10              | QPSK   | 25 | 12 | 17.46  | 17.52 | 17.53  | 18.20                  |
| 10              | QPSK   | 25 | 25 | 17.38  | 17.51 | 17.39  | 18.20                  |
| 10              | QPSK   | 50 | 0  | 17.37  | 17.53 | 17.36  | 18.20                  |
| 10              | 16QAM  | 1  | 0  | 17.38  | 17.59 | 17.41  | 18.20                  |
| 10              | 16QAM  | 1  | 25 | 17.59  | 17.62 | 17.38  | 18.20                  |
| 10              | 16QAM  | 1  | 49 | 17.43  | 17.58 | 17.48  | 18.20                  |
| 10              | 16QAM  | 25 | 0  | 17.47  | 17.55 | 17.35  | 18.20                  |
| 10              | 16QAM  | 25 | 12 | 17.24  | 17.36 | 17.19  | 18.20                  |
| 10              | 16QAM  | 25 | 25 | 17.34  | 17.44 | 17.30  | 18.20                  |
| 10              | 16QAM  | 50 | 0  | 17.52  | 17.62 | 17.48  | 18.20                  |
| 10              | 64QAM  | 1  | 0  | 17.44  | 17.55 | 17.45  | 18.20                  |
| 10              | 64QAM  | 1  | 25 | 17.30  | 17.48 | 17.34  | 18.20                  |
| 10              | 64QAM  | 1  | 49 | 17.33  | 17.51 | 17.39  | 18.20                  |
| 10              | 64QAM  | 25 | 0  | 17.42  | 17.44 | 17.29  | 18.20                  |
| 10              | 64QAM  | 25 | 12 | 17.38  | 17.54 | 17.41  | 18.20                  |
| 10              | 64QAM  | 25 | 25 | 17.53  | 17.59 | 17.56  | 18.20                  |
| 10              | 64QAM  | 50 | 0  | 17.32  | 17.49 | 17.32  | 18.20                  |
| 10              | 256QAM | 1  | 0  | 17.26  | 17.50 | 17.32  | 18.20                  |
| 10              | 256QAM | 1  | 25 | 17.38  | 17.54 | 17.36  | 18.20                  |
| 10              | 256QAM | 1  | 49 | 17.42  | 17.52 | 17.47  | 18.20                  |
| 10              | 256QAM | 25 | 0  | 17.44  | 17.62 | 17.41  | 18.20                  |
| 10              | 256QAM | 25 | 12 | 17.36  | 17.47 | 17.35  | 18.20                  |
| 10              | 256QAM | 25 | 25 | 17.43  | 17.39 | 17.37  | 18.20                  |
| 10              | 256QAM | 50 | 0  | 17.48  | 17.48 | 17.37  | 18.20                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.67  | 17.70 | 17.58  | 18.20                  |
| 5               | QPSK   | 1  | 12 | 17.61  | 17.63 | 17.49  | 18.20                  |
| 5               | QPSK   | 1  | 24 | 17.44  | 17.59 | 17.40  | 18.20                  |
| 5               | QPSK   | 12 | 0  | 17.53  | 17.63 | 17.53  | 18.20                  |
| 5               | QPSK   | 12 | 7  | 17.48  | 17.59 | 17.44  | 18.20                  |
| 5               | QPSK   | 12 | 13 | 17.30  | 17.55 | 17.36  | 18.20                  |
| 5               | QPSK   | 25 | 0  | 17.47  | 17.63 | 17.41  | 18.20                  |
| 5               | 16QAM  | 1  | 0  | 17.51  | 17.65 | 17.47  | 18.20                  |
| 5               | 16QAM  | 1  | 12 | 17.48  | 17.63 | 17.48  | 18.20                  |
| 5               | 16QAM  | 1  | 24 | 17.49  | 17.57 | 17.48  | 18.20                  |
| 5               | 16QAM  | 12 | 0  | 17.45  | 17.49 | 17.42  | 18.20                  |
| 5               | 16QAM  | 12 | 7  | 17.21  | 17.43 | 17.18  | 18.20                  |
| 5               | 16QAM  | 12 | 13 | 17.38  | 17.43 | 17.35  | 18.20                  |
| 5               | 16QAM  | 25 | 0  | 17.45  | 17.63 | 17.41  | 18.20                  |
| 5               | 64QAM  | 1  | 0  | 17.46  | 17.47 | 17.38  | 18.20                  |
| 5               | 64QAM  | 1  | 12 | 17.43  | 17.59 | 17.42  | 18.20                  |
| 5               | 64QAM  | 1  | 24 | 17.45  | 17.44 | 17.34  | 18.20                  |
| 5               | 64QAM  | 12 | 0  | 17.39  | 17.44 | 17.25  | 18.20                  |
| 5               | 64QAM  | 12 | 7  | 17.33  | 17.49 | 17.46  | 18.20                  |
| 5               | 64QAM  | 12 | 13 | 17.42  | 17.60 | 17.50  | 18.20                  |
| 5               | 64QAM  | 25 | 0  | 17.31  | 17.43 | 17.32  | 18.20                  |
| 5               | 256QAM | 1  | 0  | 17.31  | 17.52 | 17.29  | 18.20                  |
| 5               | 256QAM | 1  | 12 | 17.44  | 17.53 | 17.39  | 18.20                  |
| 5               | 256QAM | 1  | 24 | 17.45  | 17.47 | 17.47  | 18.20                  |
| 5               | 256QAM | 12 | 0  | 17.48  | 17.62 | 17.51  | 18.20                  |
| 5               | 256QAM | 12 | 7  | 17.36  | 17.41 | 17.33  | 18.20                  |
| 5               | 256QAM | 12 | 13 | 17.34  | 17.50 | 17.40  | 18.20                  |
| 5               | 256QAM | 25 | 0  | 17.40  | 17.47 | 17.40  | 18.20                  |



【LTE Band 7\_Ant 4\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 24.47                    | 24.54                       | 24.48                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 23.99                    | 24.16                       | 24.09                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 23.90                    | 24.12                       | 23.99                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.31                    | 23.42                       | 23.26                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.00                    | 23.20                       | 23.05                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.12                    | 23.22                       | 23.10                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 21.13                    | 21.22                       | 21.09                     | 22.70                  |
| 20              | 16QAM      | 1       | 0         | 23.35                    | 23.55                       | 23.42                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.25                    | 23.40                       | 23.24                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.23                    | 23.43                       | 23.23                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.31                    | 22.40                       | 22.28                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.22                    | 22.33                       | 22.17                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.23                    | 22.30                       | 22.19                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 20.20                    | 20.37                       | 20.22                     | 21.70                  |
| 20              | 64QAM      | 1       | 0         | 22.40                    | 22.54                       | 22.41                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.27                    | 22.45                       | 22.30                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.37                    | 22.51                       | 22.32                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.21                    | 21.42                       | 21.23                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.26                    | 21.44                       | 21.29                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.28                    | 21.41                       | 21.30                     | 22.70                  |
| 20              | 64QAM      | 100     | 0         | 19.37                    | 19.45                       | 19.29                     | 20.70                  |
| 20              | 256QAM     | 1       | 0         | 19.61                    | 19.74                       | 19.58                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.54                    | 19.68                       | 19.57                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.51                    | 19.63                       | 19.48                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.55                    | 19.67                       | 19.55                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.39                    | 19.58                       | 19.49                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.54                    | 19.61                       | 19.55                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 17.45                    | 17.61                       | 17.48                     | 18.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.36                    | 24.47                       | 24.41                     | 25.70                  |
| 15              | QPSK       | 1       | 37        | 23.93                    | 24.06                       | 24.01                     | 25.70                  |
| 15              | QPSK       | 1       | 74        | 23.79                    | 24.10                       | 23.92                     | 25.70                  |
| 15              | QPSK       | 36      | 0         | 23.20                    | 23.27                       | 23.24                     | 24.70                  |
| 15              | QPSK       | 36      | 20        | 22.91                    | 23.12                       | 22.97                     | 24.70                  |
| 15              | QPSK       | 36      | 39        | 23.05                    | 23.15                       | 22.98                     | 24.70                  |
| 15              | QPSK       | 75      | 0         | 21.10                    | 21.09                       | 21.07                     | 22.70                  |
| 15              | 16QAM      | 1       | 0         | 23.33                    | 23.41                       | 23.29                     | 24.70                  |
| 15              | 16QAM      | 1       | 37        | 23.19                    | 23.29                       | 23.20                     | 24.70                  |
| 15              | 16QAM      | 1       | 74        | 23.13                    | 23.39                       | 23.15                     | 24.70                  |
| 15              | 16QAM      | 36      | 0         | 22.29                    | 22.27                       | 22.15                     | 23.70                  |
| 15              | 16QAM      | 36      | 20        | 22.19                    | 22.25                       | 22.06                     | 23.70                  |
| 15              | 16QAM      | 36      | 39        | 22.13                    | 22.21                       | 22.06                     | 23.70                  |
| 15              | 16QAM      | 75      | 0         | 20.16                    | 20.35                       | 20.07                     | 21.70                  |
| 15              | 64QAM      | 1       | 0         | 22.33                    | 22.51                       | 22.29                     | 23.70                  |
| 15              | 64QAM      | 1       | 37        | 22.25                    | 22.39                       | 22.25                     | 23.70                  |
| 15              | 64QAM      | 1       | 74        | 22.31                    | 22.42                       | 22.21                     | 23.70                  |
| 15              | 64QAM      | 36      | 0         | 21.11                    | 21.39                       | 21.10                     | 22.70                  |
| 15              | 64QAM      | 36      | 20        | 21.20                    | 21.37                       | 21.17                     | 22.70                  |
| 15              | 64QAM      | 36      | 39        | 21.13                    | 21.33                       | 21.24                     | 22.70                  |
| 15              | 64QAM      | 75      | 0         | 19.26                    | 19.34                       | 19.20                     | 20.70                  |
| 15              | 256QAM     | 1       | 0         | 19.58                    | 19.70                       | 19.53                     | 20.70                  |
| 15              | 256QAM     | 1       | 37        | 19.42                    | 19.54                       | 19.46                     | 20.70                  |
| 15              | 256QAM     | 1       | 74        | 19.38                    | 19.55                       | 19.37                     | 20.70                  |
| 15              | 256QAM     | 36      | 0         | 19.48                    | 19.55                       | 19.44                     | 20.70                  |
| 15              | 256QAM     | 36      | 20        | 19.26                    | 19.56                       | 19.43                     | 20.70                  |
| 15              | 256QAM     | 36      | 39        | 19.41                    | 19.48                       | 19.48                     | 20.70                  |
| 15              | 256QAM     | 75      | 0         | 17.35                    | 17.50                       | 17.40                     | 18.70                  |
| Channel         |            |         |           | 20800                    | 21100                       | 21400                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | QPSK       | 1       | 0         | 24.40                    | 24.50                       | 24.46                     | 25.70                  |
| 10              | QPSK       | 1       | 25        | 23.98                    | 24.11                       | 24.06                     | 25.70                  |
| 10              | QPSK       | 1       | 49        | 23.77                    | 24.04                       | 23.95                     | 25.70                  |
| 10              | QPSK       | 25      | 0         | 23.22                    | 23.40                       | 23.23                     | 24.70                  |
| 10              | QPSK       | 25      | 12        | 22.92                    | 23.18                       | 22.94                     | 24.70                  |
| 10              | QPSK       | 25      | 25        | 23.07                    | 23.18                       | 23.09                     | 24.70                  |
| 10              | QPSK       | 50      | 0         | 21.12                    | 21.07                       | 21.08                     | 22.70                  |
| 10              | 16QAM      | 1       | 0         | 23.33                    | 23.52                       | 23.29                     | 24.70                  |
| 10              | 16QAM      | 1       | 25        | 23.14                    | 23.26                       | 23.12                     | 24.70                  |
| 10              | 16QAM      | 1       | 49        | 23.08                    | 23.32                       | 23.21                     | 24.70                  |
| 10              | 16QAM      | 25      | 0         | 22.22                    | 22.34                       | 22.14                     | 23.70                  |
| 10              | 16QAM      | 25      | 12        | 22.18                    | 22.29                       | 22.07                     | 23.70                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 16QAM  | 25 | 25 | 22.16  | 22.27 | 22.06  | 23.70                  |
| 10              | 16QAM  | 50 | 0  | 20.10  | 20.36 | 20.08  | 21.70                  |
| 10              | 64QAM  | 1  | 0  | 22.33  | 22.43 | 22.33  | 23.70                  |
| 10              | 64QAM  | 1  | 25 | 22.13  | 22.39 | 22.24  | 23.70                  |
| 10              | 64QAM  | 1  | 49 | 22.30  | 22.49 | 22.21  | 23.70                  |
| 10              | 64QAM  | 25 | 0  | 21.11  | 21.39 | 21.16  | 22.70                  |
| 10              | 64QAM  | 25 | 12 | 21.16  | 21.32 | 21.21  | 22.70                  |
| 10              | 64QAM  | 25 | 25 | 21.20  | 21.33 | 21.16  | 22.70                  |
| 10              | 64QAM  | 50 | 0  | 19.28  | 19.36 | 19.28  | 20.70                  |
| 10              | 256QAM | 1  | 0  | 19.48  | 19.68 | 19.44  | 20.70                  |
| 10              | 256QAM | 1  | 25 | 19.42  | 19.60 | 19.44  | 20.70                  |
| 10              | 256QAM | 1  | 49 | 19.37  | 19.53 | 19.37  | 20.70                  |
| 10              | 256QAM | 25 | 0  | 19.50  | 19.57 | 19.42  | 20.70                  |
| 10              | 256QAM | 25 | 12 | 19.35  | 19.49 | 19.45  | 20.70                  |
| 10              | 256QAM | 25 | 25 | 19.47  | 19.58 | 19.51  | 20.70                  |
| 10              | 256QAM | 50 | 0  | 17.32  | 17.59 | 17.39  | 18.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 24.39  | 24.48 | 24.42  | 25.70                  |
| 5               | QPSK   | 1  | 12 | 23.85  | 24.08 | 24.06  | 25.70                  |
| 5               | QPSK   | 1  | 24 | 23.81  | 23.99 | 23.96  | 25.70                  |
| 5               | QPSK   | 12 | 0  | 23.25  | 23.37 | 23.23  | 24.70                  |
| 5               | QPSK   | 12 | 7  | 22.85  | 23.19 | 22.98  | 24.70                  |
| 5               | QPSK   | 12 | 13 | 23.06  | 23.21 | 23.01  | 24.70                  |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.08 | 21.08  | 22.70                  |
| 5               | 16QAM  | 1  | 0  | 23.30  | 23.42 | 23.31  | 24.70                  |
| 5               | 16QAM  | 1  | 12 | 23.12  | 23.36 | 23.19  | 24.70                  |
| 5               | 16QAM  | 1  | 24 | 23.17  | 23.31 | 23.11  | 24.70                  |
| 5               | 16QAM  | 12 | 0  | 22.30  | 22.28 | 22.14  | 23.70                  |
| 5               | 16QAM  | 12 | 7  | 22.08  | 22.30 | 22.15  | 23.70                  |
| 5               | 16QAM  | 12 | 13 | 22.17  | 22.25 | 22.05  | 23.70                  |
| 5               | 16QAM  | 25 | 0  | 20.11  | 20.24 | 20.17  | 21.70                  |
| 5               | 64QAM  | 1  | 0  | 22.27  | 22.40 | 22.38  | 23.70                  |
| 5               | 64QAM  | 1  | 12 | 22.12  | 22.42 | 22.25  | 23.70                  |
| 5               | 64QAM  | 1  | 24 | 22.29  | 22.47 | 22.17  | 23.70                  |
| 5               | 64QAM  | 12 | 0  | 21.13  | 21.39 | 21.19  | 22.70                  |
| 5               | 64QAM  | 12 | 7  | 21.23  | 21.39 | 21.17  | 22.70                  |
| 5               | 64QAM  | 12 | 13 | 21.24  | 21.36 | 21.19  | 22.70                  |
| 5               | 64QAM  | 25 | 0  | 19.31  | 19.32 | 19.27  | 20.70                  |
| 5               | 256QAM | 1  | 0  | 19.58  | 19.72 | 19.56  | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.53  | 19.57 | 19.53  | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.47  | 19.49 | 19.43  | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.51  | 19.64 | 19.50  | 20.70                  |
| 5               | 256QAM | 12 | 7  | 19.34  | 19.43 | 19.35  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.47  | 19.59 | 19.53  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 17.32  | 17.46 | 17.36  | 18.70                  |

**【LTE Band 7\_Ant 4\_ECI1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 24.47                    | 24.54                       | 24.48                     | 25.70                  |
| 20              | QPSK       | 1       | 49        | 23.99                    | 24.16                       | 24.09                     | 25.70                  |
| 20              | QPSK       | 1       | 99        | 23.90                    | 24.12                       | 23.99                     | 25.70                  |
| 20              | QPSK       | 50      | 0         | 23.31                    | 23.42                       | 23.26                     | 24.70                  |
| 20              | QPSK       | 50      | 24        | 23.00                    | 23.20                       | 23.05                     | 24.70                  |
| 20              | QPSK       | 50      | 50        | 23.12                    | 23.22                       | 23.10                     | 24.70                  |
| 20              | QPSK       | 100     | 0         | 21.13                    | 21.22                       | 21.09                     | 22.70                  |
| 20              | 16QAM      | 1       | 0         | 23.35                    | 23.55                       | 23.42                     | 24.70                  |
| 20              | 16QAM      | 1       | 49        | 23.25                    | 23.40                       | 23.24                     | 24.70                  |
| 20              | 16QAM      | 1       | 99        | 23.23                    | 23.43                       | 23.23                     | 24.70                  |
| 20              | 16QAM      | 50      | 0         | 22.31                    | 22.40                       | 22.28                     | 23.70                  |
| 20              | 16QAM      | 50      | 24        | 22.22                    | 22.33                       | 22.17                     | 23.70                  |
| 20              | 16QAM      | 50      | 50        | 22.23                    | 22.30                       | 22.19                     | 23.70                  |
| 20              | 16QAM      | 100     | 0         | 20.20                    | 20.37                       | 20.22                     | 21.70                  |
| 20              | 64QAM      | 1       | 0         | 22.40                    | 22.54                       | 22.41                     | 23.70                  |
| 20              | 64QAM      | 1       | 49        | 22.27                    | 22.45                       | 22.30                     | 23.70                  |
| 20              | 64QAM      | 1       | 99        | 22.37                    | 22.51                       | 22.32                     | 23.70                  |
| 20              | 64QAM      | 50      | 0         | 21.21                    | 21.42                       | 21.23                     | 22.70                  |
| 20              | 64QAM      | 50      | 24        | 21.26                    | 21.44                       | 21.29                     | 22.70                  |
| 20              | 64QAM      | 50      | 50        | 21.28                    | 21.41                       | 21.30                     | 22.70                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 64QAM  | 100 | 0  | 19.37  | 19.45 | 19.29  | 20.70         |
| 20              | 256QAM | 1   | 0  | 19.61  | 19.74 | 19.58  | 20.70         |
| 20              | 256QAM | 1   | 49 | 19.54  | 19.68 | 19.57  | 20.70         |
| 20              | 256QAM | 1   | 99 | 19.51  | 19.63 | 19.48  | 20.70         |
| 20              | 256QAM | 50  | 0  | 19.55  | 19.67 | 19.55  | 20.70         |
| 20              | 256QAM | 50  | 24 | 19.39  | 19.58 | 19.49  | 20.70         |
| 20              | 256QAM | 50  | 50 | 19.54  | 19.61 | 19.55  | 20.70         |
| 20              | 256QAM | 100 | 0  | 17.45  | 17.61 | 17.48  | 18.70         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 24.36  | 24.47 | 24.41  | 25.70         |
| 15              | QPSK   | 1   | 37 | 23.93  | 24.06 | 24.01  | 25.70         |
| 15              | QPSK   | 1   | 74 | 23.79  | 24.10 | 23.92  | 25.70         |
| 15              | QPSK   | 36  | 0  | 23.20  | 23.27 | 23.24  | 24.70         |
| 15              | QPSK   | 36  | 20 | 22.91  | 23.12 | 22.97  | 24.70         |
| 15              | QPSK   | 36  | 39 | 23.05  | 23.15 | 22.98  | 24.70         |
| 15              | QPSK   | 75  | 0  | 21.10  | 21.09 | 21.07  | 22.70         |
| 15              | 16QAM  | 1   | 0  | 23.33  | 23.41 | 23.29  | 24.70         |
| 15              | 16QAM  | 1   | 37 | 23.19  | 23.29 | 23.20  | 24.70         |
| 15              | 16QAM  | 1   | 74 | 23.13  | 23.39 | 23.15  | 24.70         |
| 15              | 16QAM  | 36  | 0  | 22.29  | 22.27 | 22.15  | 23.70         |
| 15              | 16QAM  | 36  | 20 | 22.19  | 22.25 | 22.06  | 23.70         |
| 15              | 16QAM  | 36  | 39 | 22.13  | 22.21 | 22.06  | 23.70         |
| 15              | 16QAM  | 75  | 0  | 20.16  | 20.35 | 20.07  | 21.70         |
| 15              | 64QAM  | 1   | 0  | 22.33  | 22.51 | 22.29  | 23.70         |
| 15              | 64QAM  | 1   | 37 | 22.25  | 22.39 | 22.25  | 23.70         |
| 15              | 64QAM  | 1   | 74 | 22.31  | 22.42 | 22.21  | 23.70         |
| 15              | 64QAM  | 36  | 0  | 21.11  | 21.39 | 21.10  | 22.70         |
| 15              | 64QAM  | 36  | 20 | 21.20  | 21.37 | 21.17  | 22.70         |
| 15              | 64QAM  | 36  | 39 | 21.13  | 21.33 | 21.24  | 22.70         |
| 15              | 64QAM  | 75  | 0  | 19.26  | 19.34 | 19.20  | 20.70         |
| 15              | 256QAM | 1   | 0  | 19.58  | 19.70 | 19.53  | 20.70         |
| 15              | 256QAM | 1   | 37 | 19.42  | 19.54 | 19.46  | 20.70         |
| 15              | 256QAM | 1   | 74 | 19.38  | 19.55 | 19.37  | 20.70         |
| 15              | 256QAM | 36  | 0  | 19.48  | 19.55 | 19.44  | 20.70         |
| 15              | 256QAM | 36  | 20 | 19.26  | 19.56 | 19.43  | 20.70         |
| 15              | 256QAM | 36  | 39 | 19.41  | 19.48 | 19.48  | 20.70         |
| 15              | 256QAM | 75  | 0  | 17.35  | 17.50 | 17.40  | 18.70         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 24.40  | 24.50 | 24.46  | 25.70         |
| 10              | QPSK   | 1   | 25 | 23.98  | 24.11 | 24.06  | 25.70         |
| 10              | QPSK   | 1   | 49 | 23.77  | 24.04 | 23.95  | 25.70         |
| 10              | QPSK   | 25  | 0  | 23.22  | 23.40 | 23.23  | 24.70         |
| 10              | QPSK   | 25  | 12 | 22.92  | 23.18 | 22.94  | 24.70         |
| 10              | QPSK   | 25  | 25 | 23.07  | 23.18 | 23.09  | 24.70         |
| 10              | QPSK   | 50  | 0  | 21.12  | 21.07 | 21.08  | 22.70         |
| 10              | 16QAM  | 1   | 0  | 23.33  | 23.52 | 23.29  | 24.70         |
| 10              | 16QAM  | 1   | 25 | 23.14  | 23.26 | 23.12  | 24.70         |
| 10              | 16QAM  | 1   | 49 | 23.08  | 23.32 | 23.21  | 24.70         |
| 10              | 16QAM  | 25  | 0  | 22.22  | 22.34 | 22.14  | 23.70         |
| 10              | 16QAM  | 25  | 12 | 22.18  | 22.29 | 22.07  | 23.70         |
| 10              | 16QAM  | 25  | 25 | 22.16  | 22.27 | 22.06  | 23.70         |
| 10              | 16QAM  | 50  | 0  | 20.10  | 20.36 | 20.08  | 21.70         |
| 10              | 64QAM  | 1   | 0  | 22.33  | 22.43 | 22.33  | 23.70         |
| 10              | 64QAM  | 1   | 25 | 22.13  | 22.39 | 22.24  | 23.70         |
| 10              | 64QAM  | 1   | 49 | 22.30  | 22.49 | 22.21  | 23.70         |
| 10              | 64QAM  | 25  | 0  | 21.11  | 21.39 | 21.16  | 22.70         |
| 10              | 64QAM  | 25  | 12 | 21.16  | 21.32 | 21.21  | 22.70         |
| 10              | 64QAM  | 25  | 25 | 21.20  | 21.33 | 21.16  | 22.70         |
| 10              | 64QAM  | 50  | 0  | 19.28  | 19.36 | 19.28  | 20.70         |
| 10              | 256QAM | 1   | 0  | 19.48  | 19.68 | 19.44  | 20.70         |
| 10              | 256QAM | 1   | 25 | 19.42  | 19.60 | 19.44  | 20.70         |
| 10              | 256QAM | 1   | 49 | 19.37  | 19.53 | 19.37  | 20.70         |
| 10              | 256QAM | 25  | 0  | 19.50  | 19.57 | 19.42  | 20.70         |
| 10              | 256QAM | 25  | 12 | 19.35  | 19.49 | 19.45  | 20.70         |
| 10              | 256QAM | 25  | 25 | 19.47  | 19.58 | 19.51  | 20.70         |
| 10              | 256QAM | 50  | 0  | 17.32  | 17.59 | 17.39  | 18.70         |
| Channel         |        |     |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 24.39  | 24.48 | 24.42  | 25.70         |
| 5               | QPSK   | 1   | 12 | 23.85  | 24.08 | 24.06  | 25.70         |
| 5               | QPSK   | 1   | 24 | 23.81  | 23.99 | 23.96  | 25.70         |
| 5               | QPSK   | 12  | 0  | 23.25  | 23.37 | 23.23  | 24.70         |
| 5               | QPSK   | 12  | 7  | 22.85  | 23.19 | 22.98  | 24.70         |
| 5               | QPSK   | 12  | 13 | 23.06  | 23.21 | 23.01  | 24.70         |
| 5               | QPSK   | 25  | 0  | 21.01  | 21.08 | 21.08  | 22.70         |
| 5               | 16QAM  | 1   | 0  | 23.30  | 23.42 | 23.31  | 24.70         |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 1  | 12 | 23.12 | 23.36 | 23.19 | 24.70 |
| 5 | 16QAM  | 1  | 24 | 23.17 | 23.31 | 23.11 | 24.70 |
| 5 | 16QAM  | 12 | 0  | 22.30 | 22.28 | 22.14 | 23.70 |
| 5 | 16QAM  | 12 | 7  | 22.08 | 22.30 | 22.15 | 23.70 |
| 5 | 16QAM  | 12 | 13 | 22.17 | 22.25 | 22.05 | 23.70 |
| 5 | 16QAM  | 25 | 0  | 20.11 | 20.24 | 20.17 | 21.70 |
| 5 | 64QAM  | 1  | 0  | 22.27 | 22.40 | 22.38 | 23.70 |
| 5 | 64QAM  | 1  | 12 | 22.12 | 22.42 | 22.25 | 23.70 |
| 5 | 64QAM  | 1  | 24 | 22.29 | 22.47 | 22.17 | 23.70 |
| 5 | 64QAM  | 12 | 0  | 21.13 | 21.39 | 21.19 | 22.70 |
| 5 | 64QAM  | 12 | 7  | 21.23 | 21.39 | 21.17 | 22.70 |
| 5 | 64QAM  | 12 | 13 | 21.24 | 21.36 | 21.19 | 22.70 |
| 5 | 64QAM  | 25 | 0  | 19.31 | 19.32 | 19.27 | 20.70 |
| 5 | 256QAM | 1  | 0  | 19.58 | 19.72 | 19.56 | 20.70 |
| 5 | 256QAM | 1  | 12 | 19.53 | 19.57 | 19.53 | 20.70 |
| 5 | 256QAM | 1  | 24 | 19.47 | 19.49 | 19.43 | 20.70 |
| 5 | 256QAM | 12 | 0  | 19.51 | 19.64 | 19.50 | 20.70 |
| 5 | 256QAM | 12 | 7  | 19.34 | 19.43 | 19.35 | 20.70 |
| 5 | 256QAM | 12 | 13 | 19.47 | 19.59 | 19.53 | 20.70 |
| 5 | 256QAM | 25 | 0  | 17.32 | 17.46 | 17.36 | 18.70 |

**【LTE Band 7\_Ant 4\_ECI3】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 20.22                    | 20.26                       | 20.23                     | 21.20                  |
| 20              | QPSK       | 1       | 49        | 19.76                    | 19.91                       | 19.79                     | 21.20                  |
| 20              | QPSK       | 1       | 99        | 19.84                    | 19.96                       | 19.81                     | 21.20                  |
| 20              | QPSK       | 50      | 0         | 20.18                    | 20.21                       | 20.16                     | 21.20                  |
| 20              | QPSK       | 50      | 24        | 19.84                    | 19.95                       | 19.78                     | 21.20                  |
| 20              | QPSK       | 50      | 50        | 19.77                    | 19.92                       | 19.71                     | 21.20                  |
| 20              | QPSK       | 100     | 0         | 20.11                    | 20.12                       | 20.10                     | 21.20                  |
| 20              | 16QAM      | 1       | 0         | 19.73                    | 19.83                       | 19.68                     | 21.20                  |
| 20              | 16QAM      | 1       | 49        | 19.68                    | 19.85                       | 19.67                     | 21.20                  |
| 20              | 16QAM      | 1       | 99        | 19.72                    | 19.84                       | 19.62                     | 21.20                  |
| 20              | 16QAM      | 50      | 0         | 19.62                    | 19.81                       | 19.64                     | 21.20                  |
| 20              | 16QAM      | 50      | 24        | 19.59                    | 19.77                       | 19.55                     | 21.20                  |
| 20              | 16QAM      | 50      | 50        | 19.66                    | 19.77                       | 19.66                     | 21.20                  |
| 20              | 16QAM      | 100     | 0         | 19.60                    | 19.78                       | 19.65                     | 21.20                  |
| 20              | 64QAM      | 1       | 0         | 19.67                    | 19.78                       | 19.58                     | 21.20                  |
| 20              | 64QAM      | 1       | 49        | 19.56                    | 19.71                       | 19.54                     | 21.20                  |
| 20              | 64QAM      | 1       | 99        | 19.80                    | 19.89                       | 19.72                     | 21.20                  |
| 20              | 64QAM      | 50      | 0         | 19.63                    | 19.78                       | 19.66                     | 21.20                  |
| 20              | 64QAM      | 50      | 24        | 19.54                    | 19.76                       | 19.56                     | 21.20                  |
| 20              | 64QAM      | 50      | 50        | 19.66                    | 19.85                       | 19.72                     | 21.20                  |
| 20              | 64QAM      | 100     | 0         | 19.45                    | 19.56                       | 19.44                     | 20.70                  |
| 20              | 256QAM     | 1       | 0         | 19.39                    | 19.51                       | 19.33                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.41                    | 19.53                       | 19.35                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.38                    | 19.54                       | 19.38                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.44                    | 19.52                       | 19.39                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.36                    | 19.48                       | 19.29                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.27                    | 19.46                       | 19.36                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 17.37                    | 17.52                       | 17.40                     | 18.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 19.84                    | 20.03                       | 19.91                     | 21.20                  |
| 15              | QPSK       | 1       | 37        | 19.69                    | 19.86                       | 19.64                     | 21.20                  |
| 15              | QPSK       | 1       | 74        | 19.80                    | 19.86                       | 19.76                     | 21.20                  |
| 15              | QPSK       | 36      | 0         | 19.78                    | 19.96                       | 19.84                     | 21.20                  |
| 15              | QPSK       | 36      | 20        | 19.70                    | 19.80                       | 19.76                     | 21.20                  |
| 15              | QPSK       | 36      | 39        | 19.75                    | 19.87                       | 19.64                     | 21.20                  |
| 15              | QPSK       | 75      | 0         | 19.71                    | 19.74                       | 19.73                     | 21.20                  |
| 15              | 16QAM      | 1       | 0         | 19.62                    | 19.74                       | 19.61                     | 21.20                  |
| 15              | 16QAM      | 1       | 37        | 19.62                    | 19.75                       | 19.61                     | 21.20                  |
| 15              | 16QAM      | 1       | 74        | 19.60                    | 19.78                       | 19.53                     | 21.20                  |
| 15              | 16QAM      | 36      | 0         | 19.48                    | 19.66                       | 19.62                     | 21.20                  |
| 15              | 16QAM      | 36      | 20        | 19.52                    | 19.69                       | 19.50                     | 21.20                  |
| 15              | 16QAM      | 36      | 39        | 19.65                    | 19.67                       | 19.64                     | 21.20                  |
| 15              | 16QAM      | 75      | 0         | 19.53                    | 19.75                       | 19.53                     | 21.20                  |
| 15              | 64QAM      | 1       | 0         | 19.61                    | 19.77                       | 19.54                     | 21.20                  |
| 15              | 64QAM      | 1       | 37        | 19.52                    | 19.68                       | 19.39                     | 21.20                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 1  | 74 | 19.76  | 19.83 | 19.65  | 21.20                  |
| 15              | 64QAM  | 36 | 0  | 19.48  | 19.69 | 19.52  | 21.20                  |
| 15              | 64QAM  | 36 | 20 | 19.52  | 19.74 | 19.43  | 21.20                  |
| 15              | 64QAM  | 36 | 39 | 19.60  | 19.70 | 19.70  | 21.20                  |
| 15              | 64QAM  | 75 | 0  | 19.31  | 19.41 | 19.41  | 20.70                  |
| 15              | 256QAM | 1  | 0  | 19.25  | 19.38 | 19.32  | 20.70                  |
| 15              | 256QAM | 1  | 37 | 19.30  | 19.40 | 19.25  | 20.70                  |
| 15              | 256QAM | 1  | 74 | 19.35  | 19.50 | 19.30  | 20.70                  |
| 15              | 256QAM | 36 | 0  | 19.38  | 19.47 | 19.32  | 20.70                  |
| 15              | 256QAM | 36 | 20 | 19.30  | 19.39 | 19.22  | 20.70                  |
| 15              | 256QAM | 36 | 39 | 19.24  | 19.40 | 19.30  | 20.70                  |
| 15              | 256QAM | 75 | 0  | 17.29  | 17.42 | 17.30  | 18.70                  |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                        |
| 10              | QPSK   | 1  | 0  | 19.85  | 20.00 | 19.93  | 21.20                  |
| 10              | QPSK   | 1  | 25 | 19.68  | 19.78 | 19.65  | 21.20                  |
| 10              | QPSK   | 1  | 49 | 19.80  | 19.94 | 19.79  | 21.20                  |
| 10              | QPSK   | 25 | 0  | 19.77  | 19.86 | 19.80  | 21.20                  |
| 10              | QPSK   | 25 | 12 | 19.74  | 19.87 | 19.75  | 21.20                  |
| 10              | QPSK   | 25 | 25 | 19.65  | 19.78 | 19.57  | 21.20                  |
| 10              | QPSK   | 50 | 0  | 19.70  | 19.78 | 19.70  | 21.20                  |
| 10              | 16QAM  | 1  | 0  | 19.69  | 19.77 | 19.62  | 21.20                  |
| 10              | 16QAM  | 1  | 25 | 19.56  | 19.74 | 19.55  | 21.20                  |
| 10              | 16QAM  | 1  | 49 | 19.70  | 19.76 | 19.59  | 21.20                  |
| 10              | 16QAM  | 25 | 0  | 19.52  | 19.67 | 19.51  | 21.20                  |
| 10              | 16QAM  | 25 | 12 | 19.52  | 19.74 | 19.50  | 21.20                  |
| 10              | 16QAM  | 25 | 25 | 19.63  | 19.75 | 19.60  | 21.20                  |
| 10              | 16QAM  | 50 | 0  | 19.59  | 19.71 | 19.55  | 21.20                  |
| 10              | 64QAM  | 1  | 0  | 19.62  | 19.73 | 19.53  | 21.20                  |
| 10              | 64QAM  | 1  | 25 | 19.53  | 19.62 | 19.48  | 21.20                  |
| 10              | 64QAM  | 1  | 49 | 19.70  | 19.85 | 19.67  | 21.20                  |
| 10              | 64QAM  | 25 | 0  | 19.49  | 19.69 | 19.54  | 21.20                  |
| 10              | 64QAM  | 25 | 12 | 19.52  | 19.72 | 19.45  | 21.20                  |
| 10              | 64QAM  | 25 | 25 | 19.64  | 19.81 | 19.69  | 21.20                  |
| 10              | 64QAM  | 50 | 0  | 19.36  | 19.51 | 19.39  | 20.70                  |
| 10              | 256QAM | 1  | 0  | 19.28  | 19.42 | 19.21  | 20.70                  |
| 10              | 256QAM | 1  | 25 | 19.30  | 19.38 | 19.30  | 20.70                  |
| 10              | 256QAM | 1  | 49 | 19.30  | 19.49 | 19.28  | 20.70                  |
| 10              | 256QAM | 25 | 0  | 19.30  | 19.46 | 19.26  | 20.70                  |
| 10              | 256QAM | 25 | 12 | 19.29  | 19.34 | 19.24  | 20.70                  |
| 10              | 256QAM | 25 | 25 | 19.21  | 19.32 | 19.27  | 20.70                  |
| 10              | 256QAM | 50 | 0  | 17.28  | 17.48 | 17.36  | 18.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 19.93  | 20.04 | 19.84  | 21.20                  |
| 5               | QPSK   | 1  | 12 | 19.72  | 19.86 | 19.73  | 21.20                  |
| 5               | QPSK   | 1  | 24 | 19.77  | 19.81 | 19.77  | 21.20                  |
| 5               | QPSK   | 12 | 0  | 19.84  | 19.86 | 19.75  | 21.20                  |
| 5               | QPSK   | 12 | 7  | 19.79  | 19.84 | 19.71  | 21.20                  |
| 5               | QPSK   | 12 | 13 | 19.64  | 19.82 | 19.60  | 21.20                  |
| 5               | QPSK   | 25 | 0  | 19.66  | 19.74 | 19.65  | 21.20                  |
| 5               | 16QAM  | 1  | 0  | 19.68  | 19.77 | 19.64  | 21.20                  |
| 5               | 16QAM  | 1  | 12 | 19.59  | 19.76 | 19.62  | 21.20                  |
| 5               | 16QAM  | 1  | 24 | 19.70  | 19.72 | 19.52  | 21.20                  |
| 5               | 16QAM  | 12 | 0  | 19.48  | 19.73 | 19.50  | 21.20                  |
| 5               | 16QAM  | 12 | 7  | 19.47  | 19.64 | 19.49  | 21.20                  |
| 5               | 16QAM  | 12 | 13 | 19.61  | 19.65 | 19.58  | 21.20                  |
| 5               | 16QAM  | 25 | 0  | 19.48  | 19.70 | 19.62  | 21.20                  |
| 5               | 64QAM  | 1  | 0  | 19.63  | 19.67 | 19.57  | 21.20                  |
| 5               | 64QAM  | 1  | 12 | 19.48  | 19.69 | 19.39  | 21.20                  |
| 5               | 64QAM  | 1  | 24 | 19.69  | 19.86 | 19.59  | 21.20                  |
| 5               | 64QAM  | 12 | 0  | 19.50  | 19.71 | 19.64  | 21.20                  |
| 5               | 64QAM  | 12 | 7  | 19.45  | 19.74 | 19.49  | 21.20                  |
| 5               | 64QAM  | 12 | 13 | 19.62  | 19.71 | 19.58  | 21.20                  |
| 5               | 64QAM  | 25 | 0  | 19.35  | 19.46 | 19.41  | 20.70                  |
| 5               | 256QAM | 1  | 0  | 19.31  | 19.43 | 19.26  | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.29  | 19.44 | 19.26  | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.25  | 19.45 | 19.35  | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.41  | 19.50 | 19.28  | 20.70                  |
| 5               | 256QAM | 12 | 7  | 19.24  | 19.38 | 19.24  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.18  | 19.39 | 19.24  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 17.33  | 17.46 | 17.26  | 18.70                  |



**【LTE Band 7\_Ant 4\_ECI4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 20.22                    | 20.26                       | 20.23                     | 21.20                  |
| 20              | QPSK       | 1       | 49        | 19.76                    | 19.91                       | 19.79                     | 21.20                  |
| 20              | QPSK       | 1       | 99        | 19.84                    | 19.96                       | 19.81                     | 21.20                  |
| 20              | QPSK       | 50      | 0         | 20.18                    | 20.21                       | 20.16                     | 21.20                  |
| 20              | QPSK       | 50      | 24        | 19.84                    | 19.95                       | 19.78                     | 21.20                  |
| 20              | QPSK       | 50      | 50        | 19.77                    | 19.92                       | 19.71                     | 21.20                  |
| 20              | QPSK       | 100     | 0         | 20.11                    | 20.12                       | 20.10                     | 21.20                  |
| 20              | 16QAM      | 1       | 0         | 19.73                    | 19.83                       | 19.68                     | 21.20                  |
| 20              | 16QAM      | 1       | 49        | 19.68                    | 19.85                       | 19.67                     | 21.20                  |
| 20              | 16QAM      | 1       | 99        | 19.72                    | 19.84                       | 19.62                     | 21.20                  |
| 20              | 16QAM      | 50      | 0         | 19.62                    | 19.81                       | 19.64                     | 21.20                  |
| 20              | 16QAM      | 50      | 24        | 19.59                    | 19.77                       | 19.55                     | 21.20                  |
| 20              | 16QAM      | 50      | 50        | 19.66                    | 19.77                       | 19.66                     | 21.20                  |
| 20              | 16QAM      | 100     | 0         | 19.60                    | 19.78                       | 19.65                     | 21.20                  |
| 20              | 64QAM      | 1       | 0         | 19.67                    | 19.78                       | 19.58                     | 21.20                  |
| 20              | 64QAM      | 1       | 49        | 19.56                    | 19.71                       | 19.54                     | 21.20                  |
| 20              | 64QAM      | 1       | 99        | 19.80                    | 19.89                       | 19.72                     | 21.20                  |
| 20              | 64QAM      | 50      | 0         | 19.63                    | 19.78                       | 19.66                     | 21.20                  |
| 20              | 64QAM      | 50      | 24        | 19.54                    | 19.76                       | 19.56                     | 21.20                  |
| 20              | 64QAM      | 50      | 50        | 19.66                    | 19.85                       | 19.72                     | 21.20                  |
| 20              | 64QAM      | 100     | 0         | 19.45                    | 19.56                       | 19.44                     | 20.70                  |
| 20              | 256QAM     | 1       | 0         | 19.39                    | 19.51                       | 19.33                     | 20.70                  |
| 20              | 256QAM     | 1       | 49        | 19.41                    | 19.53                       | 19.35                     | 20.70                  |
| 20              | 256QAM     | 1       | 99        | 19.38                    | 19.54                       | 19.38                     | 20.70                  |
| 20              | 256QAM     | 50      | 0         | 19.44                    | 19.52                       | 19.39                     | 20.70                  |
| 20              | 256QAM     | 50      | 24        | 19.36                    | 19.48                       | 19.29                     | 20.70                  |
| 20              | 256QAM     | 50      | 50        | 19.27                    | 19.46                       | 19.36                     | 20.70                  |
| 20              | 256QAM     | 100     | 0         | 17.37                    | 17.52                       | 17.40                     | 18.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 19.84                    | 20.03                       | 19.91                     | 21.20                  |
| 15              | QPSK       | 1       | 37        | 19.69                    | 19.86                       | 19.64                     | 21.20                  |
| 15              | QPSK       | 1       | 74        | 19.80                    | 19.86                       | 19.76                     | 21.20                  |
| 15              | QPSK       | 36      | 0         | 19.78                    | 19.96                       | 19.84                     | 21.20                  |
| 15              | QPSK       | 36      | 20        | 19.70                    | 19.80                       | 19.76                     | 21.20                  |
| 15              | QPSK       | 36      | 39        | 19.75                    | 19.87                       | 19.64                     | 21.20                  |
| 15              | QPSK       | 75      | 0         | 19.71                    | 19.74                       | 19.73                     | 21.20                  |
| 15              | 16QAM      | 1       | 0         | 19.62                    | 19.74                       | 19.61                     | 21.20                  |
| 15              | 16QAM      | 1       | 37        | 19.62                    | 19.75                       | 19.61                     | 21.20                  |
| 15              | 16QAM      | 1       | 74        | 19.60                    | 19.78                       | 19.53                     | 21.20                  |
| 15              | 16QAM      | 36      | 0         | 19.48                    | 19.66                       | 19.62                     | 21.20                  |
| 15              | 16QAM      | 36      | 20        | 19.52                    | 19.69                       | 19.50                     | 21.20                  |
| 15              | 16QAM      | 36      | 39        | 19.65                    | 19.67                       | 19.64                     | 21.20                  |
| 15              | 16QAM      | 75      | 0         | 19.53                    | 19.75                       | 19.53                     | 21.20                  |
| 15              | 64QAM      | 1       | 0         | 19.61                    | 19.77                       | 19.54                     | 21.20                  |
| 15              | 64QAM      | 1       | 37        | 19.52                    | 19.68                       | 19.39                     | 21.20                  |
| 15              | 64QAM      | 1       | 74        | 19.76                    | 19.83                       | 19.65                     | 21.20                  |
| 15              | 64QAM      | 36      | 0         | 19.48                    | 19.69                       | 19.52                     | 21.20                  |
| 15              | 64QAM      | 36      | 20        | 19.52                    | 19.74                       | 19.43                     | 21.20                  |
| 15              | 64QAM      | 36      | 39        | 19.60                    | 19.70                       | 19.70                     | 21.20                  |
| 15              | 64QAM      | 75      | 0         | 19.31                    | 19.41                       | 19.41                     | 20.70                  |
| 15              | 256QAM     | 1       | 0         | 19.25                    | 19.38                       | 19.32                     | 20.70                  |
| 15              | 256QAM     | 1       | 37        | 19.30                    | 19.40                       | 19.25                     | 20.70                  |
| 15              | 256QAM     | 1       | 74        | 19.35                    | 19.50                       | 19.30                     | 20.70                  |
| 15              | 256QAM     | 36      | 0         | 19.38                    | 19.47                       | 19.32                     | 20.70                  |
| 15              | 256QAM     | 36      | 20        | 19.30                    | 19.39                       | 19.22                     | 20.70                  |
| 15              | 256QAM     | 36      | 39        | 19.24                    | 19.40                       | 19.30                     | 20.70                  |
| 15              | 256QAM     | 75      | 0         | 17.29                    | 17.42                       | 17.30                     | 18.70                  |
| Channel         |            |         |           | 20800                    | 21100                       | 21400                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | QPSK       | 1       | 0         | 19.85                    | 20.00                       | 19.93                     | 21.20                  |
| 10              | QPSK       | 1       | 25        | 19.68                    | 19.78                       | 19.65                     | 21.20                  |
| 10              | QPSK       | 1       | 49        | 19.80                    | 19.94                       | 19.79                     | 21.20                  |
| 10              | QPSK       | 25      | 0         | 19.77                    | 19.86                       | 19.80                     | 21.20                  |
| 10              | QPSK       | 25      | 12        | 19.74                    | 19.87                       | 19.75                     | 21.20                  |
| 10              | QPSK       | 25      | 25        | 19.65                    | 19.78                       | 19.57                     | 21.20                  |
| 10              | QPSK       | 50      | 0         | 19.70                    | 19.78                       | 19.70                     | 21.20                  |
| 10              | 16QAM      | 1       | 0         | 19.69                    | 19.77                       | 19.62                     | 21.20                  |
| 10              | 16QAM      | 1       | 25        | 19.56                    | 19.74                       | 19.55                     | 21.20                  |
| 10              | 16QAM      | 1       | 49        | 19.70                    | 19.76                       | 19.59                     | 21.20                  |
| 10              | 16QAM      | 25      | 0         | 19.52                    | 19.67                       | 19.51                     | 21.20                  |
| 10              | 16QAM      | 25      | 12        | 19.52                    | 19.74                       | 19.50                     | 21.20                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 16QAM  | 25 | 25 | 19.63  | 19.75 | 19.60  | 21.20                  |
| 10              | 16QAM  | 50 | 0  | 19.59  | 19.71 | 19.55  | 21.20                  |
| 10              | 64QAM  | 1  | 0  | 19.62  | 19.73 | 19.53  | 21.20                  |
| 10              | 64QAM  | 1  | 25 | 19.53  | 19.62 | 19.48  | 21.20                  |
| 10              | 64QAM  | 1  | 49 | 19.70  | 19.85 | 19.67  | 21.20                  |
| 10              | 64QAM  | 25 | 0  | 19.49  | 19.69 | 19.54  | 21.20                  |
| 10              | 64QAM  | 25 | 12 | 19.52  | 19.72 | 19.45  | 21.20                  |
| 10              | 64QAM  | 25 | 25 | 19.64  | 19.81 | 19.69  | 21.20                  |
| 10              | 64QAM  | 50 | 0  | 19.36  | 19.51 | 19.39  | 20.70                  |
| 10              | 256QAM | 1  | 0  | 19.28  | 19.42 | 19.21  | 20.70                  |
| 10              | 256QAM | 1  | 25 | 19.30  | 19.38 | 19.30  | 20.70                  |
| 10              | 256QAM | 1  | 49 | 19.30  | 19.49 | 19.28  | 20.70                  |
| 10              | 256QAM | 25 | 0  | 19.30  | 19.46 | 19.26  | 20.70                  |
| 10              | 256QAM | 25 | 12 | 19.29  | 19.34 | 19.24  | 20.70                  |
| 10              | 256QAM | 25 | 25 | 19.21  | 19.32 | 19.27  | 20.70                  |
| 10              | 256QAM | 50 | 0  | 17.28  | 17.48 | 17.36  | 18.70                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 19.93  | 20.04 | 19.84  | 21.20                  |
| 5               | QPSK   | 1  | 12 | 19.72  | 19.86 | 19.73  | 21.20                  |
| 5               | QPSK   | 1  | 24 | 19.77  | 19.81 | 19.77  | 21.20                  |
| 5               | QPSK   | 12 | 0  | 19.84  | 19.86 | 19.75  | 21.20                  |
| 5               | QPSK   | 12 | 7  | 19.79  | 19.84 | 19.71  | 21.20                  |
| 5               | QPSK   | 12 | 13 | 19.64  | 19.82 | 19.60  | 21.20                  |
| 5               | QPSK   | 25 | 0  | 19.66  | 19.74 | 19.65  | 21.20                  |
| 5               | 16QAM  | 1  | 0  | 19.68  | 19.77 | 19.64  | 21.20                  |
| 5               | 16QAM  | 1  | 12 | 19.59  | 19.76 | 19.62  | 21.20                  |
| 5               | 16QAM  | 1  | 24 | 19.70  | 19.72 | 19.52  | 21.20                  |
| 5               | 16QAM  | 12 | 0  | 19.48  | 19.73 | 19.50  | 21.20                  |
| 5               | 16QAM  | 12 | 7  | 19.47  | 19.64 | 19.49  | 21.20                  |
| 5               | 16QAM  | 12 | 13 | 19.61  | 19.65 | 19.58  | 21.20                  |
| 5               | 16QAM  | 25 | 0  | 19.48  | 19.70 | 19.62  | 21.20                  |
| 5               | 64QAM  | 1  | 0  | 19.63  | 19.67 | 19.57  | 21.20                  |
| 5               | 64QAM  | 1  | 12 | 19.48  | 19.69 | 19.39  | 21.20                  |
| 5               | 64QAM  | 1  | 24 | 19.69  | 19.86 | 19.59  | 21.20                  |
| 5               | 64QAM  | 12 | 0  | 19.50  | 19.71 | 19.64  | 21.20                  |
| 5               | 64QAM  | 12 | 7  | 19.45  | 19.74 | 19.49  | 21.20                  |
| 5               | 64QAM  | 12 | 13 | 19.62  | 19.71 | 19.58  | 21.20                  |
| 5               | 64QAM  | 25 | 0  | 19.35  | 19.46 | 19.41  | 20.70                  |
| 5               | 256QAM | 1  | 0  | 19.31  | 19.43 | 19.26  | 20.70                  |
| 5               | 256QAM | 1  | 12 | 19.29  | 19.44 | 19.26  | 20.70                  |
| 5               | 256QAM | 1  | 24 | 19.25  | 19.45 | 19.35  | 20.70                  |
| 5               | 256QAM | 12 | 0  | 19.41  | 19.50 | 19.28  | 20.70                  |
| 5               | 256QAM | 12 | 7  | 19.24  | 19.38 | 19.24  | 20.70                  |
| 5               | 256QAM | 12 | 13 | 19.18  | 19.39 | 19.24  | 20.70                  |
| 5               | 256QAM | 25 | 0  | 17.33  | 17.46 | 17.26  | 18.70                  |

**【LTE Band 7\_Ant 4\_ECI5】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 20.22                    | 20.26                       | 20.23                     | 21.20                  |
| 20              | QPSK       | 1       | 49        | 19.76                    | 19.91                       | 19.79                     | 21.20                  |
| 20              | QPSK       | 1       | 99        | 19.84                    | 19.96                       | 19.81                     | 21.20                  |
| 20              | QPSK       | 50      | 0         | 20.18                    | 20.21                       | 20.16                     | 21.20                  |
| 20              | QPSK       | 50      | 24        | 19.84                    | 19.95                       | 19.78                     | 21.20                  |
| 20              | QPSK       | 50      | 50        | 19.77                    | 19.92                       | 19.71                     | 21.20                  |
| 20              | QPSK       | 100     | 0         | 20.11                    | 20.12                       | 20.10                     | 21.20                  |
| 20              | 16QAM      | 1       | 0         | 19.73                    | 19.83                       | 19.68                     | 21.20                  |
| 20              | 16QAM      | 1       | 49        | 19.68                    | 19.85                       | 19.67                     | 21.20                  |
| 20              | 16QAM      | 1       | 99        | 19.72                    | 19.84                       | 19.62                     | 21.20                  |
| 20              | 16QAM      | 50      | 0         | 19.62                    | 19.81                       | 19.64                     | 21.20                  |
| 20              | 16QAM      | 50      | 24        | 19.59                    | 19.77                       | 19.55                     | 21.20                  |
| 20              | 16QAM      | 50      | 50        | 19.66                    | 19.77                       | 19.66                     | 21.20                  |
| 20              | 16QAM      | 100     | 0         | 19.60                    | 19.78                       | 19.65                     | 21.20                  |
| 20              | 64QAM      | 1       | 0         | 19.67                    | 19.78                       | 19.58                     | 21.20                  |
| 20              | 64QAM      | 1       | 49        | 19.56                    | 19.71                       | 19.54                     | 21.20                  |
| 20              | 64QAM      | 1       | 99        | 19.80                    | 19.89                       | 19.72                     | 21.20                  |
| 20              | 64QAM      | 50      | 0         | 19.63                    | 19.78                       | 19.66                     | 21.20                  |
| 20              | 64QAM      | 50      | 24        | 19.54                    | 19.76                       | 19.56                     | 21.20                  |
| 20              | 64QAM      | 50      | 50        | 19.66                    | 19.85                       | 19.72                     | 21.20                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 64QAM  | 100 | 0  | 19.45  | 19.56 | 19.44  | 20.70         |
| 20              | 256QAM | 1   | 0  | 19.39  | 19.51 | 19.33  | 20.70         |
| 20              | 256QAM | 1   | 49 | 19.41  | 19.53 | 19.35  | 20.70         |
| 20              | 256QAM | 1   | 99 | 19.38  | 19.54 | 19.38  | 20.70         |
| 20              | 256QAM | 50  | 0  | 19.44  | 19.52 | 19.39  | 20.70         |
| 20              | 256QAM | 50  | 24 | 19.36  | 19.48 | 19.29  | 20.70         |
| 20              | 256QAM | 50  | 50 | 19.27  | 19.46 | 19.36  | 20.70         |
| 20              | 256QAM | 100 | 0  | 17.37  | 17.52 | 17.40  | 18.70         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 19.84  | 20.03 | 19.91  | 21.20         |
| 15              | QPSK   | 1   | 37 | 19.69  | 19.86 | 19.64  | 21.20         |
| 15              | QPSK   | 1   | 74 | 19.80  | 19.86 | 19.76  | 21.20         |
| 15              | QPSK   | 36  | 0  | 19.78  | 19.96 | 19.84  | 21.20         |
| 15              | QPSK   | 36  | 20 | 19.70  | 19.80 | 19.76  | 21.20         |
| 15              | QPSK   | 36  | 39 | 19.75  | 19.87 | 19.64  | 21.20         |
| 15              | QPSK   | 75  | 0  | 19.71  | 19.74 | 19.73  | 21.20         |
| 15              | 16QAM  | 1   | 0  | 19.62  | 19.74 | 19.61  | 21.20         |
| 15              | 16QAM  | 1   | 37 | 19.62  | 19.75 | 19.61  | 21.20         |
| 15              | 16QAM  | 1   | 74 | 19.60  | 19.78 | 19.53  | 21.20         |
| 15              | 16QAM  | 36  | 0  | 19.48  | 19.66 | 19.62  | 21.20         |
| 15              | 16QAM  | 36  | 20 | 19.52  | 19.69 | 19.50  | 21.20         |
| 15              | 16QAM  | 36  | 39 | 19.65  | 19.67 | 19.64  | 21.20         |
| 15              | 16QAM  | 75  | 0  | 19.53  | 19.75 | 19.53  | 21.20         |
| 15              | 64QAM  | 1   | 0  | 19.61  | 19.77 | 19.54  | 21.20         |
| 15              | 64QAM  | 1   | 37 | 19.52  | 19.68 | 19.39  | 21.20         |
| 15              | 64QAM  | 1   | 74 | 19.76  | 19.83 | 19.65  | 21.20         |
| 15              | 64QAM  | 36  | 0  | 19.48  | 19.69 | 19.52  | 21.20         |
| 15              | 64QAM  | 36  | 20 | 19.52  | 19.74 | 19.43  | 21.20         |
| 15              | 64QAM  | 36  | 39 | 19.60  | 19.70 | 19.70  | 21.20         |
| 15              | 64QAM  | 75  | 0  | 19.31  | 19.41 | 19.41  | 20.70         |
| 15              | 256QAM | 1   | 0  | 19.25  | 19.38 | 19.32  | 20.70         |
| 15              | 256QAM | 1   | 37 | 19.30  | 19.40 | 19.25  | 20.70         |
| 15              | 256QAM | 1   | 74 | 19.35  | 19.50 | 19.30  | 20.70         |
| 15              | 256QAM | 36  | 0  | 19.38  | 19.47 | 19.32  | 20.70         |
| 15              | 256QAM | 36  | 20 | 19.30  | 19.39 | 19.22  | 20.70         |
| 15              | 256QAM | 36  | 39 | 19.24  | 19.40 | 19.30  | 20.70         |
| 15              | 256QAM | 75  | 0  | 17.29  | 17.42 | 17.30  | 18.70         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 19.85  | 20.00 | 19.93  | 21.20         |
| 10              | QPSK   | 1   | 25 | 19.68  | 19.78 | 19.65  | 21.20         |
| 10              | QPSK   | 1   | 49 | 19.80  | 19.94 | 19.79  | 21.20         |
| 10              | QPSK   | 25  | 0  | 19.77  | 19.86 | 19.80  | 21.20         |
| 10              | QPSK   | 25  | 12 | 19.74  | 19.87 | 19.75  | 21.20         |
| 10              | QPSK   | 25  | 25 | 19.65  | 19.78 | 19.57  | 21.20         |
| 10              | QPSK   | 50  | 0  | 19.70  | 19.78 | 19.70  | 21.20         |
| 10              | 16QAM  | 1   | 0  | 19.69  | 19.77 | 19.62  | 21.20         |
| 10              | 16QAM  | 1   | 25 | 19.56  | 19.74 | 19.55  | 21.20         |
| 10              | 16QAM  | 1   | 49 | 19.70  | 19.76 | 19.59  | 21.20         |
| 10              | 16QAM  | 25  | 0  | 19.52  | 19.67 | 19.51  | 21.20         |
| 10              | 16QAM  | 25  | 12 | 19.52  | 19.74 | 19.50  | 21.20         |
| 10              | 16QAM  | 25  | 25 | 19.63  | 19.75 | 19.60  | 21.20         |
| 10              | 16QAM  | 50  | 0  | 19.59  | 19.71 | 19.55  | 21.20         |
| 10              | 64QAM  | 1   | 0  | 19.62  | 19.73 | 19.53  | 21.20         |
| 10              | 64QAM  | 1   | 25 | 19.53  | 19.62 | 19.48  | 21.20         |
| 10              | 64QAM  | 1   | 49 | 19.70  | 19.85 | 19.67  | 21.20         |
| 10              | 64QAM  | 25  | 0  | 19.49  | 19.69 | 19.54  | 21.20         |
| 10              | 64QAM  | 25  | 12 | 19.52  | 19.72 | 19.45  | 21.20         |
| 10              | 64QAM  | 25  | 25 | 19.64  | 19.81 | 19.69  | 21.20         |
| 10              | 64QAM  | 50  | 0  | 19.36  | 19.51 | 19.39  | 20.70         |
| 10              | 256QAM | 1   | 0  | 19.28  | 19.42 | 19.21  | 20.70         |
| 10              | 256QAM | 1   | 25 | 19.30  | 19.38 | 19.30  | 20.70         |
| 10              | 256QAM | 1   | 49 | 19.30  | 19.49 | 19.28  | 20.70         |
| 10              | 256QAM | 25  | 0  | 19.30  | 19.46 | 19.26  | 20.70         |
| 10              | 256QAM | 25  | 12 | 19.29  | 19.34 | 19.24  | 20.70         |
| 10              | 256QAM | 25  | 25 | 19.21  | 19.32 | 19.27  | 20.70         |
| 10              | 256QAM | 50  | 0  | 17.28  | 17.48 | 17.36  | 18.70         |
| Channel         |        |     |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 19.93  | 20.04 | 19.84  | 21.20         |
| 5               | QPSK   | 1   | 12 | 19.72  | 19.86 | 19.73  | 21.20         |
| 5               | QPSK   | 1   | 24 | 19.77  | 19.81 | 19.77  | 21.20         |
| 5               | QPSK   | 12  | 0  | 19.84  | 19.86 | 19.75  | 21.20         |
| 5               | QPSK   | 12  | 7  | 19.79  | 19.84 | 19.71  | 21.20         |
| 5               | QPSK   | 12  | 13 | 19.64  | 19.82 | 19.60  | 21.20         |
| 5               | QPSK   | 25  | 0  | 19.66  | 19.74 | 19.65  | 21.20         |
| 5               | 16QAM  | 1   | 0  | 19.68  | 19.77 | 19.64  | 21.20         |



|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 1  | 12 | 19.59 | 19.76 | 19.62 | 21.20 |
| 5 | 16QAM  | 1  | 24 | 19.70 | 19.72 | 19.52 | 21.20 |
| 5 | 16QAM  | 12 | 0  | 19.48 | 19.73 | 19.50 | 21.20 |
| 5 | 16QAM  | 12 | 7  | 19.47 | 19.64 | 19.49 | 21.20 |
| 5 | 16QAM  | 12 | 13 | 19.61 | 19.65 | 19.58 | 21.20 |
| 5 | 16QAM  | 25 | 0  | 19.48 | 19.70 | 19.62 | 21.20 |
| 5 | 64QAM  | 1  | 0  | 19.63 | 19.67 | 19.57 | 21.20 |
| 5 | 64QAM  | 1  | 12 | 19.48 | 19.69 | 19.39 | 21.20 |
| 5 | 64QAM  | 1  | 24 | 19.69 | 19.86 | 19.59 | 21.20 |
| 5 | 64QAM  | 12 | 0  | 19.50 | 19.71 | 19.64 | 21.20 |
| 5 | 64QAM  | 12 | 7  | 19.45 | 19.74 | 19.49 | 21.20 |
| 5 | 64QAM  | 12 | 13 | 19.62 | 19.71 | 19.58 | 21.20 |
| 5 | 64QAM  | 25 | 0  | 19.35 | 19.46 | 19.41 | 20.70 |
| 5 | 256QAM | 1  | 0  | 19.31 | 19.43 | 19.26 | 20.70 |
| 5 | 256QAM | 1  | 12 | 19.29 | 19.44 | 19.26 | 20.70 |
| 5 | 256QAM | 1  | 24 | 19.25 | 19.45 | 19.35 | 20.70 |
| 5 | 256QAM | 12 | 0  | 19.41 | 19.50 | 19.28 | 20.70 |
| 5 | 256QAM | 12 | 7  | 19.24 | 19.38 | 19.24 | 20.70 |
| 5 | 256QAM | 12 | 13 | 19.18 | 19.39 | 19.24 | 20.70 |
| 5 | 256QAM | 25 | 0  | 17.33 | 17.46 | 17.26 | 18.70 |

**【LTE Band 7\_Ant 5\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 22.91                    | 23.55                       | 23.44                     | 24.50                  |
| 20              | QPSK       | 1       | 49        | 22.67                    | 23.41                       | 23.26                     | 24.50                  |
| 20              | QPSK       | 1       | 99        | 22.63                    | 23.31                       | 23.05                     | 24.50                  |
| 20              | QPSK       | 50      | 0         | 21.90                    | 22.54                       | 22.32                     | 23.50                  |
| 20              | QPSK       | 50      | 24        | 21.80                    | 22.48                       | 22.29                     | 23.50                  |
| 20              | QPSK       | 50      | 50        | 21.89                    | 22.53                       | 22.41                     | 23.50                  |
| 20              | QPSK       | 100     | 0         | 19.87                    | 20.54                       | 20.41                     | 21.50                  |
| 20              | 16QAM      | 1       | 0         | 22.08                    | 22.78                       | 22.54                     | 23.50                  |
| 20              | 16QAM      | 1       | 49        | 21.99                    | 22.71                       | 22.46                     | 23.50                  |
| 20              | 16QAM      | 1       | 99        | 21.99                    | 22.65                       | 22.51                     | 23.50                  |
| 20              | 16QAM      | 50      | 0         | 20.90                    | 21.52                       | 21.29                     | 22.50                  |
| 20              | 16QAM      | 50      | 24        | 20.86                    | 21.59                       | 21.44                     | 22.50                  |
| 20              | 16QAM      | 50      | 50        | 20.94                    | 21.58                       | 21.43                     | 22.50                  |
| 20              | 16QAM      | 100     | 0         | 18.97                    | 19.63                       | 19.39                     | 20.50                  |
| 20              | 64QAM      | 1       | 0         | 21.17                    | 21.78                       | 21.57                     | 22.50                  |
| 20              | 64QAM      | 1       | 49        | 21.12                    | 21.75                       | 21.58                     | 22.50                  |
| 20              | 64QAM      | 1       | 99        | 21.11                    | 21.83                       | 21.63                     | 22.50                  |
| 20              | 64QAM      | 50      | 0         | 20.02                    | 20.67                       | 20.48                     | 21.50                  |
| 20              | 64QAM      | 50      | 24        | 20.09                    | 20.76                       | 20.55                     | 21.50                  |
| 20              | 64QAM      | 50      | 50        | 20.14                    | 20.74                       | 20.58                     | 21.50                  |
| 20              | 64QAM      | 100     | 0         | 18.28                    | 18.83                       | 18.70                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 18.38                    | 19.04                       | 18.81                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 18.34                    | 18.91                       | 18.73                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 18.29                    | 18.93                       | 18.71                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 18.32                    | 18.85                       | 18.62                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 18.18                    | 18.82                       | 18.71                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 18.20                    | 18.83                       | 18.64                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 16.26                    | 16.84                       | 16.74                     | 17.50                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.81                    | 23.48                       | 23.31                     | 24.50                  |
| 15              | QPSK       | 1       | 37        | 22.65                    | 23.27                       | 23.24                     | 24.50                  |
| 15              | QPSK       | 1       | 74        | 22.50                    | 23.28                       | 22.96                     | 24.50                  |
| 15              | QPSK       | 36      | 0         | 21.75                    | 22.43                       | 22.28                     | 23.50                  |
| 15              | QPSK       | 36      | 20        | 21.72                    | 22.36                       | 22.20                     | 23.50                  |
| 15              | QPSK       | 36      | 39        | 21.78                    | 22.42                       | 22.30                     | 23.50                  |
| 15              | QPSK       | 75      | 0         | 19.83                    | 20.41                       | 20.34                     | 21.50                  |
| 15              | 16QAM      | 1       | 0         | 21.94                    | 22.65                       | 22.45                     | 23.50                  |
| 15              | 16QAM      | 1       | 37        | 21.89                    | 22.58                       | 22.38                     | 23.50                  |
| 15              | 16QAM      | 1       | 74        | 21.91                    | 22.54                       | 22.46                     | 23.50                  |
| 15              | 16QAM      | 36      | 0         | 20.86                    | 21.44                       | 21.20                     | 22.50                  |
| 15              | 16QAM      | 36      | 20        | 20.81                    | 21.48                       | 21.30                     | 22.50                  |
| 15              | 16QAM      | 36      | 39        | 20.82                    | 21.51                       | 21.31                     | 22.50                  |
| 15              | 16QAM      | 75      | 0         | 18.90                    | 19.51                       | 19.30                     | 20.50                  |
| 15              | 64QAM      | 1       | 0         | 21.05                    | 21.74                       | 21.52                     | 22.50                  |
| 15              | 64QAM      | 1       | 37        | 21.06                    | 21.65                       | 21.53                     | 22.50                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 1  | 74 | 20.98  | 21.70 | 21.59  | 22.50                  |
| 15              | 64QAM  | 36 | 0  | 19.96  | 20.55 | 20.38  | 21.50                  |
| 15              | 64QAM  | 36 | 20 | 20.04  | 20.74 | 20.48  | 21.50                  |
| 15              | 64QAM  | 36 | 39 | 20.13  | 20.68 | 20.54  | 21.50                  |
| 15              | 64QAM  | 75 | 0  | 18.16  | 18.81 | 18.60  | 19.50                  |
| 15              | 256QAM | 1  | 0  | 18.27  | 18.91 | 18.74  | 19.50                  |
| 15              | 256QAM | 1  | 37 | 18.24  | 18.81 | 18.66  | 19.50                  |
| 15              | 256QAM | 1  | 74 | 18.17  | 18.87 | 18.65  | 19.50                  |
| 15              | 256QAM | 36 | 0  | 18.28  | 18.81 | 18.55  | 19.50                  |
| 15              | 256QAM | 36 | 20 | 18.12  | 18.68 | 18.65  | 19.50                  |
| 15              | 256QAM | 36 | 39 | 18.16  | 18.80 | 18.61  | 19.50                  |
| 15              | 256QAM | 75 | 0  | 16.16  | 16.82 | 16.61  | 17.50                  |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                        |
| 10              | QPSK   | 1  | 0  | 22.80  | 23.40 | 23.34  | 24.50                  |
| 10              | QPSK   | 1  | 25 | 22.55  | 23.39 | 23.13  | 24.50                  |
| 10              | QPSK   | 1  | 49 | 22.56  | 23.17 | 23.00  | 24.50                  |
| 10              | QPSK   | 25 | 0  | 21.78  | 22.44 | 22.20  | 23.50                  |
| 10              | QPSK   | 25 | 12 | 21.68  | 22.47 | 22.16  | 23.50                  |
| 10              | QPSK   | 25 | 25 | 21.83  | 22.43 | 22.27  | 23.50                  |
| 10              | QPSK   | 50 | 0  | 19.83  | 20.50 | 20.34  | 21.50                  |
| 10              | 16QAM  | 1  | 0  | 21.96  | 22.76 | 22.46  | 23.50                  |
| 10              | 16QAM  | 1  | 25 | 21.96  | 22.56 | 22.39  | 23.50                  |
| 10              | 16QAM  | 1  | 49 | 21.89  | 22.54 | 22.38  | 23.50                  |
| 10              | 16QAM  | 25 | 0  | 20.83  | 21.41 | 21.16  | 22.50                  |
| 10              | 16QAM  | 25 | 12 | 20.83  | 21.53 | 21.34  | 22.50                  |
| 10              | 16QAM  | 25 | 25 | 20.81  | 21.54 | 21.38  | 22.50                  |
| 10              | 16QAM  | 50 | 0  | 18.95  | 19.49 | 19.32  | 20.50                  |
| 10              | 64QAM  | 1  | 0  | 21.15  | 21.65 | 21.43  | 22.50                  |
| 10              | 64QAM  | 1  | 25 | 21.06  | 21.66 | 21.44  | 22.50                  |
| 10              | 64QAM  | 1  | 49 | 21.09  | 21.79 | 21.51  | 22.50                  |
| 10              | 64QAM  | 25 | 0  | 20.01  | 20.62 | 20.40  | 21.50                  |
| 10              | 64QAM  | 25 | 12 | 20.06  | 20.62 | 20.54  | 21.50                  |
| 10              | 64QAM  | 25 | 25 | 20.12  | 20.65 | 20.46  | 21.50                  |
| 10              | 64QAM  | 50 | 0  | 18.14  | 18.77 | 18.65  | 19.50                  |
| 10              | 256QAM | 1  | 0  | 18.31  | 18.99 | 18.66  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 18.23  | 18.88 | 18.63  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 18.26  | 18.79 | 18.57  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 18.23  | 18.83 | 18.48  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 18.06  | 18.70 | 18.68  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 18.13  | 18.81 | 18.59  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 16.24  | 16.73 | 16.61  | 17.50                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.86  | 23.51 | 23.31  | 24.50                  |
| 5               | QPSK   | 1  | 12 | 22.53  | 23.33 | 23.14  | 24.50                  |
| 5               | QPSK   | 1  | 24 | 22.58  | 23.26 | 23.04  | 24.50                  |
| 5               | QPSK   | 12 | 0  | 21.80  | 22.40 | 22.22  | 23.50                  |
| 5               | QPSK   | 12 | 7  | 21.69  | 22.47 | 22.26  | 23.50                  |
| 5               | QPSK   | 12 | 13 | 21.78  | 22.48 | 22.37  | 23.50                  |
| 5               | QPSK   | 25 | 0  | 19.79  | 20.52 | 20.34  | 21.50                  |
| 5               | 16QAM  | 1  | 0  | 22.06  | 22.66 | 22.46  | 23.50                  |
| 5               | 16QAM  | 1  | 12 | 21.98  | 22.70 | 22.35  | 23.50                  |
| 5               | 16QAM  | 1  | 24 | 21.95  | 22.62 | 22.42  | 23.50                  |
| 5               | 16QAM  | 12 | 0  | 20.89  | 21.44 | 21.17  | 22.50                  |
| 5               | 16QAM  | 12 | 7  | 20.84  | 21.54 | 21.39  | 22.50                  |
| 5               | 16QAM  | 12 | 13 | 20.85  | 21.55 | 21.32  | 22.50                  |
| 5               | 16QAM  | 25 | 0  | 18.94  | 19.55 | 19.26  | 20.50                  |
| 5               | 64QAM  | 1  | 0  | 21.14  | 21.64 | 21.50  | 22.50                  |
| 5               | 64QAM  | 1  | 12 | 21.09  | 21.73 | 21.44  | 22.50                  |
| 5               | 64QAM  | 1  | 24 | 21.02  | 21.77 | 21.51  | 22.50                  |
| 5               | 64QAM  | 12 | 0  | 19.90  | 20.55 | 20.41  | 21.50                  |
| 5               | 64QAM  | 12 | 7  | 20.01  | 20.73 | 20.44  | 21.50                  |
| 5               | 64QAM  | 12 | 13 | 20.05  | 20.64 | 20.47  | 21.50                  |
| 5               | 64QAM  | 25 | 0  | 18.13  | 18.69 | 18.61  | 19.50                  |
| 5               | 256QAM | 1  | 0  | 18.32  | 18.95 | 18.72  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 18.24  | 18.80 | 18.65  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 18.27  | 18.79 | 18.69  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 18.31  | 18.83 | 18.55  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 18.09  | 18.69 | 18.57  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 18.07  | 18.79 | 18.52  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 16.14  | 16.73 | 16.63  | 17.50                  |



【LTE Band 7\_Ant 5\_ECI1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 17.49                    | 17.53                       | 17.47                     | 18.50                  |
| 20              | QPSK       | 1       | 49        | 17.29                    | 17.45                       | 17.32                     | 18.50                  |
| 20              | QPSK       | 1       | 99        | 17.27                    | 17.43                       | 17.36                     | 18.50                  |
| 20              | QPSK       | 50      | 0         | 17.38                    | 17.50                       | 17.36                     | 18.50                  |
| 20              | QPSK       | 50      | 24        | 17.23                    | 17.42                       | 17.33                     | 18.50                  |
| 20              | QPSK       | 50      | 50        | 17.29                    | 17.41                       | 17.27                     | 18.50                  |
| 20              | QPSK       | 100     | 0         | 17.35                    | 17.48                       | 17.37                     | 18.50                  |
| 20              | 16QAM      | 1       | 0         | 17.32                    | 17.39                       | 17.31                     | 18.50                  |
| 20              | 16QAM      | 1       | 49        | 17.23                    | 17.34                       | 17.19                     | 18.50                  |
| 20              | 16QAM      | 1       | 99        | 17.19                    | 17.36                       | 17.26                     | 18.50                  |
| 20              | 16QAM      | 50      | 0         | 17.26                    | 17.38                       | 17.27                     | 18.50                  |
| 20              | 16QAM      | 50      | 24        | 17.25                    | 17.34                       | 17.25                     | 18.50                  |
| 20              | 16QAM      | 50      | 50        | 17.26                    | 17.41                       | 17.31                     | 18.50                  |
| 20              | 16QAM      | 100     | 0         | 17.17                    | 17.31                       | 17.23                     | 18.50                  |
| 20              | 64QAM      | 1       | 0         | 17.38                    | 17.47                       | 17.31                     | 18.50                  |
| 20              | 64QAM      | 1       | 49        | 17.17                    | 17.29                       | 17.11                     | 18.50                  |
| 20              | 64QAM      | 1       | 99        | 17.17                    | 17.23                       | 17.04                     | 18.50                  |
| 20              | 64QAM      | 50      | 0         | 17.10                    | 17.25                       | 17.05                     | 18.50                  |
| 20              | 64QAM      | 50      | 24        | 17.13                    | 17.25                       | 17.10                     | 18.50                  |
| 20              | 64QAM      | 50      | 50        | 17.23                    | 17.39                       | 17.24                     | 18.50                  |
| 20              | 64QAM      | 100     | 0         | 17.16                    | 17.31                       | 17.12                     | 18.50                  |
| 20              | 256QAM     | 1       | 0         | 17.18                    | 17.32                       | 17.23                     | 18.50                  |
| 20              | 256QAM     | 1       | 49        | 17.08                    | 17.23                       | 17.07                     | 18.50                  |
| 20              | 256QAM     | 1       | 99        | 17.25                    | 17.32                       | 17.24                     | 18.50                  |
| 20              | 256QAM     | 50      | 0         | 17.15                    | 17.21                       | 17.14                     | 18.50                  |
| 20              | 256QAM     | 50      | 24        | 17.26                    | 17.32                       | 17.23                     | 18.50                  |
| 20              | 256QAM     | 50      | 50        | 17.06                    | 17.25                       | 17.11                     | 18.50                  |
| 20              | 256QAM     | 100     | 0         | 16.50                    | 16.64                       | 16.53                     | 17.50                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.43                    | 17.51                       | 17.37                     | 18.50                  |
| 15              | QPSK       | 1       | 37        | 17.26                    | 17.43                       | 17.18                     | 18.50                  |
| 15              | QPSK       | 1       | 74        | 17.18                    | 17.36                       | 17.23                     | 18.50                  |
| 15              | QPSK       | 36      | 0         | 17.24                    | 17.46                       | 17.23                     | 18.50                  |
| 15              | QPSK       | 36      | 20        | 17.17                    | 17.36                       | 17.29                     | 18.50                  |
| 15              | QPSK       | 36      | 39        | 17.25                    | 17.26                       | 17.23                     | 18.50                  |
| 15              | QPSK       | 75      | 0         | 17.27                    | 17.44                       | 17.36                     | 18.50                  |
| 15              | 16QAM      | 1       | 0         | 17.21                    | 17.29                       | 17.22                     | 18.50                  |
| 15              | 16QAM      | 1       | 37        | 17.11                    | 17.25                       | 17.16                     | 18.50                  |
| 15              | 16QAM      | 1       | 74        | 17.11                    | 17.31                       | 17.18                     | 18.50                  |
| 15              | 16QAM      | 36      | 0         | 17.16                    | 17.25                       | 17.14                     | 18.50                  |
| 15              | 16QAM      | 36      | 20        | 17.14                    | 17.22                       | 17.17                     | 18.50                  |
| 15              | 16QAM      | 36      | 39        | 17.23                    | 17.36                       | 17.27                     | 18.50                  |
| 15              | 16QAM      | 75      | 0         | 17.05                    | 17.19                       | 17.19                     | 18.50                  |
| 15              | 64QAM      | 1       | 0         | 17.24                    | 17.42                       | 17.28                     | 18.50                  |
| 15              | 64QAM      | 1       | 37        | 17.11                    | 17.26                       | 17.01                     | 18.50                  |
| 15              | 64QAM      | 1       | 74        | 17.06                    | 17.11                       | 17.00                     | 18.50                  |
| 15              | 64QAM      | 36      | 0         | 16.99                    | 17.24                       | 16.98                     | 18.50                  |
| 15              | 64QAM      | 36      | 20        | 17.01                    | 17.12                       | 17.08                     | 18.50                  |
| 15              | 64QAM      | 36      | 39        | 17.10                    | 17.38                       | 17.09                     | 18.50                  |
| 15              | 64QAM      | 75      | 0         | 17.13                    | 17.26                       | 17.04                     | 18.50                  |
| 15              | 256QAM     | 1       | 0         | 17.16                    | 17.21                       | 17.20                     | 18.50                  |
| 15              | 256QAM     | 1       | 37        | 17.06                    | 17.16                       | 16.96                     | 18.50                  |
| 15              | 256QAM     | 1       | 74        | 17.18                    | 17.17                       | 17.16                     | 18.50                  |
| 15              | 256QAM     | 36      | 0         | 17.10                    | 17.14                       | 17.08                     | 18.50                  |
| 15              | 256QAM     | 36      | 20        | 17.13                    | 17.27                       | 17.13                     | 18.50                  |
| 15              | 256QAM     | 36      | 39        | 17.03                    | 17.23                       | 17.01                     | 18.50                  |
| 15              | 256QAM     | 75      | 0         | 16.39                    | 16.58                       | 16.52                     | 17.50                  |
| Channel         |            |         |           | 20800                    | 21100                       | 21400                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | QPSK       | 1       | 0         | 17.47                    | 17.51                       | 17.32                     | 18.50                  |
| 10              | QPSK       | 1       | 25        | 17.15                    | 17.35                       | 17.29                     | 18.50                  |
| 10              | QPSK       | 1       | 49        | 17.26                    | 17.28                       | 17.31                     | 18.50                  |
| 10              | QPSK       | 25      | 0         | 17.32                    | 17.40                       | 17.24                     | 18.50                  |
| 10              | QPSK       | 25      | 12        | 17.20                    | 17.40                       | 17.18                     | 18.50                  |
| 10              | QPSK       | 25      | 25        | 17.23                    | 17.37                       | 17.24                     | 18.50                  |
| 10              | QPSK       | 50      | 0         | 17.21                    | 17.42                       | 17.25                     | 18.50                  |
| 10              | 16QAM      | 1       | 0         | 17.19                    | 17.34                       | 17.16                     | 18.50                  |
| 10              | 16QAM      | 1       | 25        | 17.16                    | 17.27                       | 17.08                     | 18.50                  |
| 10              | 16QAM      | 1       | 49        | 17.09                    | 17.23                       | 17.14                     | 18.50                  |
| 10              | 16QAM      | 25      | 0         | 17.16                    | 17.23                       | 17.17                     | 18.50                  |
| 10              | 16QAM      | 25      | 12        | 17.23                    | 17.21                       | 17.16                     | 18.50                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 16QAM  | 25 | 25 | 17.22  | 17.27 | 17.19  | 18.50                  |
| 10              | 16QAM  | 50 | 0  | 17.04  | 17.28 | 17.19  | 18.50                  |
| 10              | 64QAM  | 1  | 0  | 17.25  | 17.44 | 17.19  | 18.50                  |
| 10              | 64QAM  | 1  | 25 | 17.14  | 17.19 | 16.99  | 18.50                  |
| 10              | 64QAM  | 1  | 49 | 17.10  | 17.11 | 17.02  | 18.50                  |
| 10              | 64QAM  | 25 | 0  | 16.99  | 17.20 | 16.96  | 18.50                  |
| 10              | 64QAM  | 25 | 12 | 17.04  | 17.19 | 16.97  | 18.50                  |
| 10              | 64QAM  | 25 | 25 | 17.13  | 17.30 | 17.20  | 18.50                  |
| 10              | 64QAM  | 50 | 0  | 17.14  | 17.29 | 17.00  | 18.50                  |
| 10              | 256QAM | 1  | 0  | 17.11  | 17.30 | 17.19  | 18.50                  |
| 10              | 256QAM | 1  | 25 | 16.99  | 17.11 | 16.97  | 18.50                  |
| 10              | 256QAM | 1  | 49 | 17.11  | 17.27 | 17.21  | 18.50                  |
| 10              | 256QAM | 25 | 0  | 17.08  | 17.08 | 17.03  | 18.50                  |
| 10              | 256QAM | 25 | 12 | 17.16  | 17.27 | 17.13  | 18.50                  |
| 10              | 256QAM | 25 | 25 | 16.96  | 17.20 | 16.99  | 18.50                  |
| 10              | 256QAM | 50 | 0  | 16.48  | 16.58 | 16.48  | 17.50                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.40  | 17.51 | 17.36  | 18.50                  |
| 5               | QPSK   | 1  | 12 | 17.27  | 17.40 | 17.27  | 18.50                  |
| 5               | QPSK   | 1  | 24 | 17.19  | 17.41 | 17.34  | 18.50                  |
| 5               | QPSK   | 12 | 0  | 17.30  | 17.46 | 17.34  | 18.50                  |
| 5               | QPSK   | 12 | 7  | 17.17  | 17.38 | 17.29  | 18.50                  |
| 5               | QPSK   | 12 | 13 | 17.18  | 17.34 | 17.21  | 18.50                  |
| 5               | QPSK   | 25 | 0  | 17.29  | 17.38 | 17.35  | 18.50                  |
| 5               | 16QAM  | 1  | 0  | 17.18  | 17.32 | 17.20  | 18.50                  |
| 5               | 16QAM  | 1  | 12 | 17.16  | 17.20 | 17.11  | 18.50                  |
| 5               | 16QAM  | 1  | 24 | 17.05  | 17.27 | 17.20  | 18.50                  |
| 5               | 16QAM  | 12 | 0  | 17.22  | 17.31 | 17.15  | 18.50                  |
| 5               | 16QAM  | 12 | 7  | 17.12  | 17.20 | 17.15  | 18.50                  |
| 5               | 16QAM  | 12 | 13 | 17.18  | 17.31 | 17.17  | 18.50                  |
| 5               | 16QAM  | 25 | 0  | 17.02  | 17.28 | 17.18  | 18.50                  |
| 5               | 64QAM  | 1  | 0  | 17.25  | 17.44 | 17.26  | 18.50                  |
| 5               | 64QAM  | 1  | 12 | 17.08  | 17.14 | 17.00  | 18.50                  |
| 5               | 64QAM  | 1  | 24 | 17.12  | 17.15 | 17.02  | 18.50                  |
| 5               | 64QAM  | 12 | 0  | 17.00  | 17.17 | 16.96  | 18.50                  |
| 5               | 64QAM  | 12 | 7  | 17.10  | 17.17 | 17.04  | 18.50                  |
| 5               | 64QAM  | 12 | 13 | 17.20  | 17.26 | 17.17  | 18.50                  |
| 5               | 64QAM  | 25 | 0  | 17.05  | 17.24 | 17.08  | 18.50                  |
| 5               | 256QAM | 1  | 0  | 17.04  | 17.19 | 17.18  | 18.50                  |
| 5               | 256QAM | 1  | 12 | 16.96  | 17.18 | 16.98  | 18.50                  |
| 5               | 256QAM | 1  | 24 | 17.12  | 17.19 | 17.09  | 18.50                  |
| 5               | 256QAM | 12 | 0  | 17.02  | 17.17 | 17.09  | 18.50                  |
| 5               | 256QAM | 12 | 7  | 17.23  | 17.17 | 17.17  | 18.50                  |
| 5               | 256QAM | 12 | 13 | 16.91  | 17.23 | 17.02  | 18.50                  |
| 5               | 256QAM | 25 | 0  | 16.35  | 16.62 | 16.45  | 17.50                  |

**【LTE Band 7\_Ant 5\_ECI3】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 19.06                    | 19.11                       | 19.08                     | 20.00                  |
| 20              | QPSK       | 1       | 49        | 18.88                    | 19.01                       | 18.97                     | 20.00                  |
| 20              | QPSK       | 1       | 99        | 18.84                    | 18.99                       | 18.88                     | 20.00                  |
| 20              | QPSK       | 50      | 0         | 19.03                    | 19.06                       | 19.02                     | 20.00                  |
| 20              | QPSK       | 50      | 24        | 18.80                    | 18.96                       | 18.89                     | 20.00                  |
| 20              | QPSK       | 50      | 50        | 18.80                    | 18.94                       | 18.76                     | 20.00                  |
| 20              | QPSK       | 100     | 0         | 19.03                    | 19.04                       | 19.01                     | 20.00                  |
| 20              | 16QAM      | 1       | 0         | 18.75                    | 18.92                       | 18.86                     | 20.00                  |
| 20              | 16QAM      | 1       | 49        | 18.78                    | 18.94                       | 18.85                     | 20.00                  |
| 20              | 16QAM      | 1       | 99        | 18.75                    | 18.89                       | 18.77                     | 20.00                  |
| 20              | 16QAM      | 50      | 0         | 18.80                    | 18.99                       | 18.90                     | 20.00                  |
| 20              | 16QAM      | 50      | 24        | 18.74                    | 18.87                       | 18.77                     | 20.00                  |
| 20              | 16QAM      | 50      | 50        | 18.82                    | 18.94                       | 18.87                     | 20.00                  |
| 20              | 16QAM      | 100     | 0         | 18.80                    | 18.92                       | 18.75                     | 20.00                  |
| 20              | 64QAM      | 1       | 0         | 18.86                    | 18.95                       | 18.85                     | 20.00                  |
| 20              | 64QAM      | 1       | 49        | 18.74                    | 18.91                       | 18.84                     | 20.00                  |
| 20              | 64QAM      | 1       | 99        | 18.79                    | 18.96                       | 18.83                     | 20.00                  |
| 20              | 64QAM      | 50      | 0         | 18.82                    | 18.94                       | 18.80                     | 20.00                  |
| 20              | 64QAM      | 50      | 24        | 18.76                    | 18.92                       | 18.74                     | 20.00                  |
| 20              | 64QAM      | 50      | 50        | 18.87                    | 18.98                       | 18.92                     | 20.00                  |



# FCC SAR Test Report

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|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 64QAM  | 100 | 0  | 18.28  | 18.83 | 18.70  | 19.50         |
| 20              | 256QAM | 1   | 0  | 18.38  | 19.04 | 18.81  | 19.50         |
| 20              | 256QAM | 1   | 49 | 18.34  | 18.91 | 18.73  | 19.50         |
| 20              | 256QAM | 1   | 99 | 18.29  | 18.93 | 18.71  | 19.50         |
| 20              | 256QAM | 50  | 0  | 18.32  | 18.85 | 18.62  | 19.50         |
| 20              | 256QAM | 50  | 24 | 18.18  | 18.82 | 18.71  | 19.50         |
| 20              | 256QAM | 50  | 50 | 18.20  | 18.83 | 18.64  | 19.50         |
| 20              | 256QAM | 100 | 0  | 16.26  | 16.84 | 16.74  | 17.50         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 19.04  | 19.10 | 19.01  | 20.00         |
| 15              | QPSK   | 1   | 37 | 18.87  | 18.88 | 18.93  | 20.00         |
| 15              | QPSK   | 1   | 74 | 18.72  | 18.86 | 18.84  | 20.00         |
| 15              | QPSK   | 36  | 0  | 18.95  | 19.04 | 18.99  | 20.00         |
| 15              | QPSK   | 36  | 20 | 18.74  | 18.86 | 18.82  | 20.00         |
| 15              | QPSK   | 36  | 39 | 18.70  | 18.87 | 18.63  | 20.00         |
| 15              | QPSK   | 75  | 0  | 18.92  | 18.92 | 18.89  | 20.00         |
| 15              | 16QAM  | 1   | 0  | 18.68  | 18.88 | 18.81  | 20.00         |
| 15              | 16QAM  | 1   | 37 | 18.70  | 18.83 | 18.73  | 20.00         |
| 15              | 16QAM  | 1   | 74 | 18.68  | 18.79 | 18.73  | 20.00         |
| 15              | 16QAM  | 36  | 0  | 18.78  | 18.86 | 18.83  | 20.00         |
| 15              | 16QAM  | 36  | 20 | 18.72  | 18.85 | 18.70  | 20.00         |
| 15              | 16QAM  | 36  | 39 | 18.78  | 18.89 | 18.83  | 20.00         |
| 15              | 16QAM  | 75  | 0  | 18.77  | 18.84 | 18.74  | 20.00         |
| 15              | 64QAM  | 1   | 0  | 18.73  | 18.89 | 18.73  | 20.00         |
| 15              | 64QAM  | 1   | 37 | 18.61  | 18.79 | 18.72  | 20.00         |
| 15              | 64QAM  | 1   | 74 | 18.66  | 18.91 | 18.79  | 20.00         |
| 15              | 64QAM  | 36  | 0  | 18.78  | 18.89 | 18.78  | 20.00         |
| 15              | 64QAM  | 36  | 20 | 18.68  | 18.79 | 18.70  | 20.00         |
| 15              | 64QAM  | 36  | 39 | 18.72  | 18.94 | 18.88  | 20.00         |
| 15              | 64QAM  | 75  | 0  | 18.21  | 18.76 | 18.58  | 19.50         |
| 15              | 256QAM | 1   | 0  | 18.31  | 18.98 | 18.71  | 19.50         |
| 15              | 256QAM | 1   | 37 | 18.21  | 18.78 | 18.59  | 19.50         |
| 15              | 256QAM | 1   | 74 | 18.27  | 18.89 | 18.67  | 19.50         |
| 15              | 256QAM | 36  | 0  | 18.19  | 18.77 | 18.55  | 19.50         |
| 15              | 256QAM | 36  | 20 | 18.11  | 18.77 | 18.60  | 19.50         |
| 15              | 256QAM | 36  | 39 | 18.12  | 18.75 | 18.63  | 19.50         |
| 15              | 256QAM | 75  | 0  | 16.22  | 16.79 | 16.69  | 17.50         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 19.01  | 19.00 | 19.04  | 20.00         |
| 10              | QPSK   | 1   | 25 | 18.84  | 18.98 | 18.85  | 20.00         |
| 10              | QPSK   | 1   | 49 | 18.82  | 18.92 | 18.80  | 20.00         |
| 10              | QPSK   | 25  | 0  | 18.96  | 18.91 | 18.90  | 20.00         |
| 10              | QPSK   | 25  | 12 | 18.79  | 18.93 | 18.82  | 20.00         |
| 10              | QPSK   | 25  | 25 | 18.74  | 18.88 | 18.65  | 20.00         |
| 10              | QPSK   | 50  | 0  | 18.96  | 18.96 | 18.94  | 20.00         |
| 10              | 16QAM  | 1   | 0  | 18.71  | 18.80 | 18.82  | 20.00         |
| 10              | 16QAM  | 1   | 25 | 18.65  | 18.85 | 18.83  | 20.00         |
| 10              | 16QAM  | 1   | 49 | 18.72  | 18.86 | 18.64  | 20.00         |
| 10              | 16QAM  | 25  | 0  | 18.66  | 18.93 | 18.79  | 20.00         |
| 10              | 16QAM  | 25  | 12 | 18.68  | 18.86 | 18.67  | 20.00         |
| 10              | 16QAM  | 25  | 25 | 18.76  | 18.87 | 18.74  | 20.00         |
| 10              | 16QAM  | 50  | 0  | 18.76  | 18.86 | 18.60  | 20.00         |
| 10              | 64QAM  | 1   | 0  | 18.79  | 18.91 | 18.82  | 20.00         |
| 10              | 64QAM  | 1   | 25 | 18.64  | 18.81 | 18.80  | 20.00         |
| 10              | 64QAM  | 1   | 49 | 18.74  | 18.85 | 18.71  | 20.00         |
| 10              | 64QAM  | 25  | 0  | 18.79  | 18.85 | 18.74  | 20.00         |
| 10              | 64QAM  | 25  | 12 | 18.62  | 18.79 | 18.67  | 20.00         |
| 10              | 64QAM  | 25  | 25 | 18.79  | 18.85 | 18.82  | 20.00         |
| 10              | 64QAM  | 50  | 0  | 18.23  | 18.76 | 18.68  | 19.50         |
| 10              | 256QAM | 1   | 0  | 18.34  | 18.99 | 18.66  | 19.50         |
| 10              | 256QAM | 1   | 25 | 18.31  | 18.89 | 18.64  | 19.50         |
| 10              | 256QAM | 1   | 49 | 18.23  | 18.82 | 18.63  | 19.50         |
| 10              | 256QAM | 25  | 0  | 18.30  | 18.71 | 18.57  | 19.50         |
| 10              | 256QAM | 25  | 12 | 18.06  | 18.74 | 18.61  | 19.50         |
| 10              | 256QAM | 25  | 25 | 18.10  | 18.71 | 18.54  | 19.50         |
| 10              | 256QAM | 50  | 0  | 16.14  | 16.83 | 16.61  | 17.50         |
| Channel         |        |     |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 18.97  | 19.03 | 19.02  | 20.00         |
| 5               | QPSK   | 1   | 12 | 18.79  | 18.98 | 18.89  | 20.00         |
| 5               | QPSK   | 1   | 24 | 18.70  | 18.91 | 18.79  | 20.00         |
| 5               | QPSK   | 12  | 0  | 18.89  | 19.01 | 18.94  | 20.00         |
| 5               | QPSK   | 12  | 7  | 18.77  | 18.86 | 18.78  | 20.00         |
| 5               | QPSK   | 12  | 13 | 18.68  | 18.80 | 18.74  | 20.00         |
| 5               | QPSK   | 25  | 0  | 18.90  | 18.94 | 18.91  | 20.00         |
| 5               | 16QAM  | 1   | 0  | 18.66  | 18.88 | 18.81  | 20.00         |



|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 1  | 12 | 18.67 | 18.90 | 18.78 | 20.00 |
| 5 | 16QAM  | 1  | 24 | 18.65 | 18.86 | 18.69 | 20.00 |
| 5 | 16QAM  | 12 | 0  | 18.65 | 18.86 | 18.79 | 20.00 |
| 5 | 16QAM  | 12 | 7  | 18.62 | 18.74 | 18.71 | 20.00 |
| 5 | 16QAM  | 12 | 13 | 18.72 | 18.82 | 18.73 | 20.00 |
| 5 | 16QAM  | 25 | 0  | 18.77 | 18.87 | 18.70 | 20.00 |
| 5 | 64QAM  | 1  | 0  | 18.80 | 18.90 | 18.84 | 20.00 |
| 5 | 64QAM  | 1  | 12 | 18.71 | 18.83 | 18.77 | 20.00 |
| 5 | 64QAM  | 1  | 24 | 18.71 | 18.86 | 18.75 | 20.00 |
| 5 | 64QAM  | 12 | 0  | 18.70 | 18.91 | 18.78 | 20.00 |
| 5 | 64QAM  | 12 | 7  | 18.67 | 18.80 | 18.68 | 20.00 |
| 5 | 64QAM  | 12 | 13 | 18.74 | 18.95 | 18.88 | 20.00 |
| 5 | 64QAM  | 25 | 0  | 18.14 | 18.77 | 18.66 | 19.50 |
| 5 | 256QAM | 1  | 0  | 18.37 | 19.02 | 18.73 | 19.50 |
| 5 | 256QAM | 1  | 12 | 18.28 | 18.81 | 18.71 | 19.50 |
| 5 | 256QAM | 1  | 24 | 18.19 | 18.80 | 18.57 | 19.50 |
| 5 | 256QAM | 12 | 0  | 18.24 | 18.75 | 18.52 | 19.50 |
| 5 | 256QAM | 12 | 7  | 18.12 | 18.67 | 18.61 | 19.50 |
| 5 | 256QAM | 12 | 13 | 18.16 | 18.82 | 18.55 | 19.50 |
| 5 | 256QAM | 25 | 0  | 16.15 | 16.79 | 16.63 | 17.50 |

## 【LTE Band 7\_Ant 5\_ECI4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 19.06                    | 19.11                       | 19.08                     | 20.00                  |
| 20              | QPSK       | 1       | 49        | 18.88                    | 19.01                       | 18.97                     | 20.00                  |
| 20              | QPSK       | 1       | 99        | 18.84                    | 18.99                       | 18.88                     | 20.00                  |
| 20              | QPSK       | 50      | 0         | 19.03                    | 19.06                       | 19.02                     | 20.00                  |
| 20              | QPSK       | 50      | 24        | 18.80                    | 18.96                       | 18.89                     | 20.00                  |
| 20              | QPSK       | 50      | 50        | 18.80                    | 18.94                       | 18.76                     | 20.00                  |
| 20              | QPSK       | 100     | 0         | 19.03                    | 19.04                       | 19.01                     | 20.00                  |
| 20              | 16QAM      | 1       | 0         | 18.75                    | 18.92                       | 18.86                     | 20.00                  |
| 20              | 16QAM      | 1       | 49        | 18.78                    | 18.94                       | 18.85                     | 20.00                  |
| 20              | 16QAM      | 1       | 99        | 18.75                    | 18.89                       | 18.77                     | 20.00                  |
| 20              | 16QAM      | 50      | 0         | 18.80                    | 18.99                       | 18.90                     | 20.00                  |
| 20              | 16QAM      | 50      | 24        | 18.74                    | 18.87                       | 18.77                     | 20.00                  |
| 20              | 16QAM      | 50      | 50        | 18.82                    | 18.94                       | 18.87                     | 20.00                  |
| 20              | 16QAM      | 100     | 0         | 18.80                    | 18.92                       | 18.75                     | 20.00                  |
| 20              | 64QAM      | 1       | 0         | 18.86                    | 18.95                       | 18.85                     | 20.00                  |
| 20              | 64QAM      | 1       | 49        | 18.74                    | 18.91                       | 18.84                     | 20.00                  |
| 20              | 64QAM      | 1       | 99        | 18.79                    | 18.96                       | 18.83                     | 20.00                  |
| 20              | 64QAM      | 50      | 0         | 18.82                    | 18.94                       | 18.80                     | 20.00                  |
| 20              | 64QAM      | 50      | 24        | 18.76                    | 18.92                       | 18.74                     | 20.00                  |
| 20              | 64QAM      | 50      | 50        | 18.87                    | 18.98                       | 18.92                     | 20.00                  |
| 20              | 64QAM      | 100     | 0         | 18.28                    | 18.83                       | 18.70                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 18.38                    | 19.04                       | 18.81                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 18.34                    | 18.91                       | 18.73                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 18.29                    | 18.93                       | 18.71                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 18.32                    | 18.85                       | 18.62                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 18.18                    | 18.82                       | 18.71                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 18.20                    | 18.83                       | 18.64                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 16.26                    | 16.84                       | 16.74                     | 17.50                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 19.04                    | 19.10                       | 19.01                     | 20.00                  |
| 15              | QPSK       | 1       | 37        | 18.87                    | 18.88                       | 18.93                     | 20.00                  |
| 15              | QPSK       | 1       | 74        | 18.72                    | 18.86                       | 18.84                     | 20.00                  |
| 15              | QPSK       | 36      | 0         | 18.95                    | 19.04                       | 18.99                     | 20.00                  |
| 15              | QPSK       | 36      | 20        | 18.74                    | 18.86                       | 18.82                     | 20.00                  |
| 15              | QPSK       | 36      | 39        | 18.70                    | 18.87                       | 18.63                     | 20.00                  |
| 15              | QPSK       | 75      | 0         | 18.92                    | 18.92                       | 18.89                     | 20.00                  |
| 15              | 16QAM      | 1       | 0         | 18.68                    | 18.88                       | 18.81                     | 20.00                  |
| 15              | 16QAM      | 1       | 37        | 18.70                    | 18.83                       | 18.73                     | 20.00                  |
| 15              | 16QAM      | 1       | 74        | 18.68                    | 18.79                       | 18.73                     | 20.00                  |
| 15              | 16QAM      | 36      | 0         | 18.78                    | 18.86                       | 18.83                     | 20.00                  |
| 15              | 16QAM      | 36      | 20        | 18.72                    | 18.85                       | 18.70                     | 20.00                  |
| 15              | 16QAM      | 36      | 39        | 18.78                    | 18.89                       | 18.83                     | 20.00                  |
| 15              | 16QAM      | 75      | 0         | 18.77                    | 18.84                       | 18.74                     | 20.00                  |
| 15              | 64QAM      | 1       | 0         | 18.73                    | 18.89                       | 18.73                     | 20.00                  |
| 15              | 64QAM      | 1       | 37        | 18.61                    | 18.79                       | 18.72                     | 20.00                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 1  | 74 | 18.66  | 18.91 | 18.79  | 20.00                  |
| 15              | 64QAM  | 36 | 0  | 18.78  | 18.89 | 18.78  | 20.00                  |
| 15              | 64QAM  | 36 | 20 | 18.68  | 18.79 | 18.70  | 20.00                  |
| 15              | 64QAM  | 36 | 39 | 18.72  | 18.94 | 18.88  | 20.00                  |
| 15              | 64QAM  | 75 | 0  | 18.21  | 18.76 | 18.58  | 19.50                  |
| 15              | 256QAM | 1  | 0  | 18.31  | 18.98 | 18.71  | 19.50                  |
| 15              | 256QAM | 1  | 37 | 18.21  | 18.78 | 18.59  | 19.50                  |
| 15              | 256QAM | 1  | 74 | 18.27  | 18.89 | 18.67  | 19.50                  |
| 15              | 256QAM | 36 | 0  | 18.19  | 18.77 | 18.55  | 19.50                  |
| 15              | 256QAM | 36 | 20 | 18.11  | 18.77 | 18.60  | 19.50                  |
| 15              | 256QAM | 36 | 39 | 18.12  | 18.75 | 18.63  | 19.50                  |
| 15              | 256QAM | 75 | 0  | 16.22  | 16.79 | 16.69  | 17.50                  |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                        |
| 10              | QPSK   | 1  | 0  | 19.01  | 19.00 | 19.04  | 20.00                  |
| 10              | QPSK   | 1  | 25 | 18.84  | 18.98 | 18.85  | 20.00                  |
| 10              | QPSK   | 1  | 49 | 18.82  | 18.92 | 18.80  | 20.00                  |
| 10              | QPSK   | 25 | 0  | 18.96  | 18.91 | 18.90  | 20.00                  |
| 10              | QPSK   | 25 | 12 | 18.79  | 18.93 | 18.82  | 20.00                  |
| 10              | QPSK   | 25 | 25 | 18.74  | 18.88 | 18.65  | 20.00                  |
| 10              | QPSK   | 50 | 0  | 18.96  | 18.96 | 18.94  | 20.00                  |
| 10              | 16QAM  | 1  | 0  | 18.71  | 18.80 | 18.82  | 20.00                  |
| 10              | 16QAM  | 1  | 25 | 18.65  | 18.85 | 18.83  | 20.00                  |
| 10              | 16QAM  | 1  | 49 | 18.72  | 18.86 | 18.64  | 20.00                  |
| 10              | 16QAM  | 25 | 0  | 18.66  | 18.93 | 18.79  | 20.00                  |
| 10              | 16QAM  | 25 | 12 | 18.68  | 18.86 | 18.67  | 20.00                  |
| 10              | 16QAM  | 25 | 25 | 18.76  | 18.87 | 18.74  | 20.00                  |
| 10              | 16QAM  | 50 | 0  | 18.76  | 18.86 | 18.60  | 20.00                  |
| 10              | 64QAM  | 1  | 0  | 18.79  | 18.91 | 18.82  | 20.00                  |
| 10              | 64QAM  | 1  | 25 | 18.64  | 18.81 | 18.80  | 20.00                  |
| 10              | 64QAM  | 1  | 49 | 18.74  | 18.85 | 18.71  | 20.00                  |
| 10              | 64QAM  | 25 | 0  | 18.79  | 18.85 | 18.74  | 20.00                  |
| 10              | 64QAM  | 25 | 12 | 18.62  | 18.79 | 18.67  | 20.00                  |
| 10              | 64QAM  | 25 | 25 | 18.79  | 18.85 | 18.82  | 20.00                  |
| 10              | 64QAM  | 50 | 0  | 18.23  | 18.76 | 18.68  | 19.50                  |
| 10              | 256QAM | 1  | 0  | 18.34  | 18.99 | 18.66  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 18.31  | 18.89 | 18.64  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 18.23  | 18.82 | 18.63  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 18.30  | 18.71 | 18.57  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 18.06  | 18.74 | 18.61  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 18.10  | 18.71 | 18.54  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 16.14  | 16.83 | 16.61  | 17.50                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 18.97  | 19.03 | 19.02  | 20.00                  |
| 5               | QPSK   | 1  | 12 | 18.79  | 18.98 | 18.89  | 20.00                  |
| 5               | QPSK   | 1  | 24 | 18.70  | 18.91 | 18.79  | 20.00                  |
| 5               | QPSK   | 12 | 0  | 18.89  | 19.01 | 18.94  | 20.00                  |
| 5               | QPSK   | 12 | 7  | 18.77  | 18.86 | 18.78  | 20.00                  |
| 5               | QPSK   | 12 | 13 | 18.68  | 18.80 | 18.74  | 20.00                  |
| 5               | QPSK   | 25 | 0  | 18.90  | 18.94 | 18.91  | 20.00                  |
| 5               | 16QAM  | 1  | 0  | 18.66  | 18.88 | 18.81  | 20.00                  |
| 5               | 16QAM  | 1  | 12 | 18.67  | 18.90 | 18.78  | 20.00                  |
| 5               | 16QAM  | 1  | 24 | 18.65  | 18.86 | 18.69  | 20.00                  |
| 5               | 16QAM  | 12 | 0  | 18.65  | 18.86 | 18.79  | 20.00                  |
| 5               | 16QAM  | 12 | 7  | 18.62  | 18.74 | 18.71  | 20.00                  |
| 5               | 16QAM  | 12 | 13 | 18.72  | 18.82 | 18.73  | 20.00                  |
| 5               | 16QAM  | 25 | 0  | 18.77  | 18.87 | 18.70  | 20.00                  |
| 5               | 64QAM  | 1  | 0  | 18.80  | 18.90 | 18.84  | 20.00                  |
| 5               | 64QAM  | 1  | 12 | 18.71  | 18.83 | 18.77  | 20.00                  |
| 5               | 64QAM  | 1  | 24 | 18.71  | 18.86 | 18.75  | 20.00                  |
| 5               | 64QAM  | 12 | 0  | 18.70  | 18.91 | 18.78  | 20.00                  |
| 5               | 64QAM  | 12 | 7  | 18.67  | 18.80 | 18.68  | 20.00                  |
| 5               | 64QAM  | 12 | 13 | 18.74  | 18.95 | 18.88  | 20.00                  |
| 5               | 64QAM  | 25 | 0  | 18.14  | 18.77 | 18.66  | 19.50                  |
| 5               | 256QAM | 1  | 0  | 18.37  | 19.02 | 18.73  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 18.28  | 18.81 | 18.71  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 18.19  | 18.80 | 18.57  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 18.24  | 18.75 | 18.52  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 18.12  | 18.67 | 18.61  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 18.16  | 18.82 | 18.55  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 16.15  | 16.79 | 16.63  | 17.50                  |

**【LTE Band 7\_Ant 5\_ECI5】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 17.49                    | 17.53                       | 17.47                     | 18.50                  |
| 20              | QPSK       | 1       | 49        | 17.29                    | 17.45                       | 17.32                     | 18.50                  |
| 20              | QPSK       | 1       | 99        | 17.27                    | 17.43                       | 17.36                     | 18.50                  |
| 20              | QPSK       | 50      | 0         | 17.38                    | 17.50                       | 17.36                     | 18.50                  |
| 20              | QPSK       | 50      | 24        | 17.23                    | 17.42                       | 17.33                     | 18.50                  |
| 20              | QPSK       | 50      | 50        | 17.29                    | 17.41                       | 17.27                     | 18.50                  |
| 20              | QPSK       | 100     | 0         | 17.35                    | 17.48                       | 17.37                     | 18.50                  |
| 20              | 16QAM      | 1       | 0         | 17.32                    | 17.39                       | 17.31                     | 18.50                  |
| 20              | 16QAM      | 1       | 49        | 17.23                    | 17.34                       | 17.19                     | 18.50                  |
| 20              | 16QAM      | 1       | 99        | 17.19                    | 17.36                       | 17.26                     | 18.50                  |
| 20              | 16QAM      | 50      | 0         | 17.26                    | 17.38                       | 17.27                     | 18.50                  |
| 20              | 16QAM      | 50      | 24        | 17.25                    | 17.34                       | 17.25                     | 18.50                  |
| 20              | 16QAM      | 50      | 50        | 17.26                    | 17.41                       | 17.31                     | 18.50                  |
| 20              | 16QAM      | 100     | 0         | 17.17                    | 17.31                       | 17.23                     | 18.50                  |
| 20              | 64QAM      | 1       | 0         | 17.38                    | 17.47                       | 17.31                     | 18.50                  |
| 20              | 64QAM      | 1       | 49        | 17.17                    | 17.29                       | 17.11                     | 18.50                  |
| 20              | 64QAM      | 1       | 99        | 17.17                    | 17.23                       | 17.04                     | 18.50                  |
| 20              | 64QAM      | 50      | 0         | 17.10                    | 17.25                       | 17.05                     | 18.50                  |
| 20              | 64QAM      | 50      | 24        | 17.13                    | 17.25                       | 17.10                     | 18.50                  |
| 20              | 64QAM      | 50      | 50        | 17.23                    | 17.39                       | 17.24                     | 18.50                  |
| 20              | 64QAM      | 100     | 0         | 17.16                    | 17.31                       | 17.12                     | 18.50                  |
| 20              | 256QAM     | 1       | 0         | 17.18                    | 17.32                       | 17.23                     | 18.50                  |
| 20              | 256QAM     | 1       | 49        | 17.08                    | 17.23                       | 17.07                     | 18.50                  |
| 20              | 256QAM     | 1       | 99        | 17.25                    | 17.32                       | 17.24                     | 18.50                  |
| 20              | 256QAM     | 50      | 0         | 17.15                    | 17.21                       | 17.14                     | 18.50                  |
| 20              | 256QAM     | 50      | 24        | 17.26                    | 17.32                       | 17.23                     | 18.50                  |
| 20              | 256QAM     | 50      | 50        | 17.06                    | 17.25                       | 17.11                     | 18.50                  |
| 20              | 256QAM     | 100     | 0         | 16.50                    | 16.64                       | 16.53                     | 17.50                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.43                    | 17.51                       | 17.37                     | 18.50                  |
| 15              | QPSK       | 1       | 37        | 17.26                    | 17.43                       | 17.18                     | 18.50                  |
| 15              | QPSK       | 1       | 74        | 17.18                    | 17.36                       | 17.23                     | 18.50                  |
| 15              | QPSK       | 36      | 0         | 17.24                    | 17.46                       | 17.23                     | 18.50                  |
| 15              | QPSK       | 36      | 20        | 17.17                    | 17.36                       | 17.29                     | 18.50                  |
| 15              | QPSK       | 36      | 39        | 17.25                    | 17.26                       | 17.23                     | 18.50                  |
| 15              | QPSK       | 75      | 0         | 17.27                    | 17.44                       | 17.36                     | 18.50                  |
| 15              | 16QAM      | 1       | 0         | 17.21                    | 17.29                       | 17.22                     | 18.50                  |
| 15              | 16QAM      | 1       | 37        | 17.11                    | 17.25                       | 17.16                     | 18.50                  |
| 15              | 16QAM      | 1       | 74        | 17.11                    | 17.31                       | 17.18                     | 18.50                  |
| 15              | 16QAM      | 36      | 0         | 17.16                    | 17.25                       | 17.14                     | 18.50                  |
| 15              | 16QAM      | 36      | 20        | 17.14                    | 17.22                       | 17.17                     | 18.50                  |
| 15              | 16QAM      | 36      | 39        | 17.23                    | 17.36                       | 17.27                     | 18.50                  |
| 15              | 16QAM      | 75      | 0         | 17.05                    | 17.19                       | 17.19                     | 18.50                  |
| 15              | 64QAM      | 1       | 0         | 17.24                    | 17.42                       | 17.28                     | 18.50                  |
| 15              | 64QAM      | 1       | 37        | 17.11                    | 17.26                       | 17.01                     | 18.50                  |
| 15              | 64QAM      | 1       | 74        | 17.06                    | 17.11                       | 17.00                     | 18.50                  |
| 15              | 64QAM      | 36      | 0         | 16.99                    | 17.24                       | 16.98                     | 18.50                  |
| 15              | 64QAM      | 36      | 20        | 17.01                    | 17.12                       | 17.08                     | 18.50                  |
| 15              | 64QAM      | 36      | 39        | 17.10                    | 17.38                       | 17.09                     | 18.50                  |
| 15              | 64QAM      | 75      | 0         | 17.13                    | 17.26                       | 17.04                     | 18.50                  |
| 15              | 256QAM     | 1       | 0         | 17.16                    | 17.21                       | 17.20                     | 18.50                  |
| 15              | 256QAM     | 1       | 37        | 17.06                    | 17.16                       | 16.96                     | 18.50                  |
| 15              | 256QAM     | 1       | 74        | 17.18                    | 17.17                       | 17.16                     | 18.50                  |
| 15              | 256QAM     | 36      | 0         | 17.10                    | 17.14                       | 17.08                     | 18.50                  |
| 15              | 256QAM     | 36      | 20        | 17.13                    | 17.27                       | 17.13                     | 18.50                  |
| 15              | 256QAM     | 36      | 39        | 17.03                    | 17.23                       | 17.01                     | 18.50                  |
| 15              | 256QAM     | 75      | 0         | 16.39                    | 16.58                       | 16.52                     | 17.50                  |
| Channel         |            |         |           | 20800                    | 21100                       | 21400                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | QPSK       | 1       | 0         | 17.47                    | 17.51                       | 17.32                     | 18.50                  |
| 10              | QPSK       | 1       | 25        | 17.15                    | 17.35                       | 17.29                     | 18.50                  |
| 10              | QPSK       | 1       | 49        | 17.26                    | 17.28                       | 17.31                     | 18.50                  |
| 10              | QPSK       | 25      | 0         | 17.32                    | 17.40                       | 17.24                     | 18.50                  |
| 10              | QPSK       | 25      | 12        | 17.20                    | 17.40                       | 17.18                     | 18.50                  |
| 10              | QPSK       | 25      | 25        | 17.23                    | 17.37                       | 17.24                     | 18.50                  |
| 10              | QPSK       | 50      | 0         | 17.21                    | 17.42                       | 17.25                     | 18.50                  |
| 10              | 16QAM      | 1       | 0         | 17.19                    | 17.34                       | 17.16                     | 18.50                  |
| 10              | 16QAM      | 1       | 25        | 17.16                    | 17.27                       | 17.08                     | 18.50                  |
| 10              | 16QAM      | 1       | 49        | 17.09                    | 17.23                       | 17.14                     | 18.50                  |
| 10              | 16QAM      | 25      | 0         | 17.16                    | 17.23                       | 17.17                     | 18.50                  |
| 10              | 16QAM      | 25      | 12        | 17.23                    | 17.21                       | 17.16                     | 18.50                  |



|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 16QAM  | 25 | 25 | 17.22  | 17.27 | 17.19  | 18.50                  |
| 10              | 16QAM  | 50 | 0  | 17.04  | 17.28 | 17.19  | 18.50                  |
| 10              | 64QAM  | 1  | 0  | 17.25  | 17.44 | 17.19  | 18.50                  |
| 10              | 64QAM  | 1  | 25 | 17.14  | 17.19 | 16.99  | 18.50                  |
| 10              | 64QAM  | 1  | 49 | 17.10  | 17.11 | 17.02  | 18.50                  |
| 10              | 64QAM  | 25 | 0  | 16.99  | 17.20 | 16.96  | 18.50                  |
| 10              | 64QAM  | 25 | 12 | 17.04  | 17.19 | 16.97  | 18.50                  |
| 10              | 64QAM  | 25 | 25 | 17.13  | 17.30 | 17.20  | 18.50                  |
| 10              | 64QAM  | 50 | 0  | 17.14  | 17.29 | 17.00  | 18.50                  |
| 10              | 256QAM | 1  | 0  | 17.11  | 17.30 | 17.19  | 18.50                  |
| 10              | 256QAM | 1  | 25 | 16.99  | 17.11 | 16.97  | 18.50                  |
| 10              | 256QAM | 1  | 49 | 17.11  | 17.27 | 17.21  | 18.50                  |
| 10              | 256QAM | 25 | 0  | 17.08  | 17.08 | 17.03  | 18.50                  |
| 10              | 256QAM | 25 | 12 | 17.16  | 17.27 | 17.13  | 18.50                  |
| 10              | 256QAM | 25 | 25 | 16.96  | 17.20 | 16.99  | 18.50                  |
| 10              | 256QAM | 50 | 0  | 16.48  | 16.58 | 16.48  | 17.50                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 17.40  | 17.51 | 17.36  | 18.50                  |
| 5               | QPSK   | 1  | 12 | 17.27  | 17.40 | 17.27  | 18.50                  |
| 5               | QPSK   | 1  | 24 | 17.19  | 17.41 | 17.34  | 18.50                  |
| 5               | QPSK   | 12 | 0  | 17.30  | 17.46 | 17.34  | 18.50                  |
| 5               | QPSK   | 12 | 7  | 17.17  | 17.38 | 17.29  | 18.50                  |
| 5               | QPSK   | 12 | 13 | 17.18  | 17.34 | 17.21  | 18.50                  |
| 5               | QPSK   | 25 | 0  | 17.29  | 17.38 | 17.35  | 18.50                  |
| 5               | 16QAM  | 1  | 0  | 17.18  | 17.32 | 17.20  | 18.50                  |
| 5               | 16QAM  | 1  | 12 | 17.16  | 17.20 | 17.11  | 18.50                  |
| 5               | 16QAM  | 1  | 24 | 17.05  | 17.27 | 17.20  | 18.50                  |
| 5               | 16QAM  | 12 | 0  | 17.22  | 17.31 | 17.15  | 18.50                  |
| 5               | 16QAM  | 12 | 7  | 17.12  | 17.20 | 17.15  | 18.50                  |
| 5               | 16QAM  | 12 | 13 | 17.18  | 17.31 | 17.17  | 18.50                  |
| 5               | 16QAM  | 25 | 0  | 17.02  | 17.28 | 17.18  | 18.50                  |
| 5               | 64QAM  | 1  | 0  | 17.25  | 17.44 | 17.26  | 18.50                  |
| 5               | 64QAM  | 1  | 12 | 17.08  | 17.14 | 17.00  | 18.50                  |
| 5               | 64QAM  | 1  | 24 | 17.12  | 17.15 | 17.02  | 18.50                  |
| 5               | 64QAM  | 12 | 0  | 17.00  | 17.17 | 16.96  | 18.50                  |
| 5               | 64QAM  | 12 | 7  | 17.10  | 17.17 | 17.04  | 18.50                  |
| 5               | 64QAM  | 12 | 13 | 17.20  | 17.26 | 17.17  | 18.50                  |
| 5               | 64QAM  | 25 | 0  | 17.05  | 17.24 | 17.08  | 18.50                  |
| 5               | 256QAM | 1  | 0  | 17.04  | 17.19 | 17.18  | 18.50                  |
| 5               | 256QAM | 1  | 12 | 16.96  | 17.18 | 16.98  | 18.50                  |
| 5               | 256QAM | 1  | 24 | 17.12  | 17.19 | 17.09  | 18.50                  |
| 5               | 256QAM | 12 | 0  | 17.02  | 17.17 | 17.09  | 18.50                  |
| 5               | 256QAM | 12 | 7  | 17.23  | 17.17 | 17.17  | 18.50                  |
| 5               | 256QAM | 12 | 13 | 16.91  | 17.23 | 17.02  | 18.50                  |
| 5               | 256QAM | 25 | 0  | 16.35  | 16.62 | 16.45  | 17.50                  |

**【LTE Band 12\_Ant 0\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 24.53                    | 24.56                       | 24.55                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.17                    | 24.25                       | 24.11                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.18                    | 24.30                       | 24.16                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.35                    | 23.47                       | 23.41                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.25                    | 23.33                       | 23.21                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.28                    | 23.33                       | 23.28                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.19                    | 23.34                       | 23.22                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.61                    | 23.65                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.44                    | 23.60                       | 23.47                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.37                    | 23.54                       | 23.42                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.17                    | 22.33                       | 22.31                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.33                    | 22.45                       | 22.41                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.38                    | 22.42                       | 22.32                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.29                    | 22.44                       | 22.42                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.67                    | 22.72                       | 22.59                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.59                    | 22.66                       | 22.61                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.60                    | 22.72                       | 22.67                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.42                    | 21.49                       | 21.41                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.36                    | 21.52                       | 21.45                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.36                    | 21.53                       | 21.49                     | 22.50                  |



# FCC SAR Test Report

Report No. : FA5D2207

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | 64QAM  | 50 | 0  | 21.40 | 21.55 | 21.39 | 22.50         |
| 10              | 256QAM | 1  | 0  | 19.48 | 19.62 | 19.54 | 20.50         |
| 10              | 256QAM | 1  | 25 | 19.55 | 19.61 | 19.49 | 20.50         |
| 10              | 256QAM | 1  | 49 | 19.51 | 19.55 | 19.52 | 20.50         |
| 10              | 256QAM | 25 | 0  | 19.41 | 19.53 | 19.48 | 20.50         |
| 10              | 256QAM | 25 | 12 | 19.42 | 19.52 | 19.39 | 20.50         |
| 10              | 256QAM | 25 | 25 | 19.37 | 19.50 | 19.42 | 20.50         |
| 10              | 256QAM | 50 | 0  | 19.41 | 19.52 | 19.37 | 20.50         |
| Channel         |        |    |    | 23035 | 23095 | 23115 | Tune-up limit |
| Frequency (MHz) |        |    |    | 701.5 | 707.5 | 713.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 24.50 | 24.47 | 24.43 | 25.50         |
| 5               | QPSK   | 1  | 12 | 24.05 | 24.23 | 24.03 | 25.50         |
| 5               | QPSK   | 1  | 24 | 24.07 | 24.22 | 24.10 | 25.50         |
| 5               | QPSK   | 12 | 0  | 23.25 | 23.32 | 23.40 | 24.50         |
| 5               | QPSK   | 12 | 7  | 23.19 | 23.28 | 23.20 | 24.50         |
| 5               | QPSK   | 12 | 13 | 23.21 | 23.31 | 23.16 | 24.50         |
| 5               | QPSK   | 25 | 0  | 23.18 | 23.27 | 23.16 | 24.50         |
| 5               | 16QAM  | 1  | 0  | 23.52 | 23.55 | 23.45 | 24.50         |
| 5               | 16QAM  | 1  | 12 | 23.41 | 23.49 | 23.43 | 24.50         |
| 5               | 16QAM  | 1  | 24 | 23.31 | 23.42 | 23.33 | 24.50         |
| 5               | 16QAM  | 12 | 0  | 22.08 | 22.32 | 22.17 | 23.50         |
| 5               | 16QAM  | 12 | 7  | 22.30 | 22.34 | 22.36 | 23.50         |
| 5               | 16QAM  | 12 | 13 | 22.24 | 22.33 | 22.24 | 23.50         |
| 5               | 16QAM  | 25 | 0  | 22.16 | 22.36 | 22.37 | 23.50         |
| 5               | 64QAM  | 1  | 0  | 22.61 | 22.57 | 22.46 | 23.50         |
| 5               | 64QAM  | 1  | 12 | 22.53 | 22.51 | 22.59 | 23.50         |
| 5               | 64QAM  | 1  | 24 | 22.47 | 22.62 | 22.64 | 23.50         |
| 5               | 64QAM  | 12 | 0  | 21.27 | 21.46 | 21.37 | 22.50         |
| 5               | 64QAM  | 12 | 7  | 21.22 | 21.45 | 21.33 | 22.50         |
| 5               | 64QAM  | 12 | 13 | 21.32 | 21.43 | 21.35 | 22.50         |
| 5               | 64QAM  | 25 | 0  | 21.33 | 21.54 | 21.35 | 22.50         |
| 5               | 256QAM | 1  | 0  | 19.35 | 19.57 | 19.50 | 20.50         |
| 5               | 256QAM | 1  | 12 | 19.42 | 19.59 | 19.48 | 20.50         |
| 5               | 256QAM | 1  | 24 | 19.48 | 19.46 | 19.45 | 20.50         |
| 5               | 256QAM | 12 | 0  | 19.26 | 19.39 | 19.43 | 20.50         |
| 5               | 256QAM | 12 | 7  | 19.32 | 19.39 | 19.38 | 20.50         |
| 5               | 256QAM | 12 | 13 | 19.24 | 19.39 | 19.37 | 20.50         |
| 5               | 256QAM | 25 | 0  | 19.38 | 19.40 | 19.27 | 20.50         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 24.42 | 24.54 | 24.43 | 25.50         |
| 3               | QPSK   | 1  | 8  | 24.09 | 24.16 | 23.99 | 25.50         |
| 3               | QPSK   | 1  | 14 | 24.13 | 24.29 | 24.10 | 25.50         |
| 3               | QPSK   | 8  | 0  | 23.25 | 23.36 | 23.28 | 24.50         |
| 3               | QPSK   | 8  | 4  | 23.20 | 23.18 | 23.16 | 24.50         |
| 3               | QPSK   | 8  | 7  | 23.23 | 23.21 | 23.22 | 24.50         |
| 3               | QPSK   | 15 | 0  | 23.11 | 23.22 | 23.08 | 24.50         |
| 3               | 16QAM  | 1  | 0  | 23.60 | 23.54 | 23.35 | 24.50         |
| 3               | 16QAM  | 1  | 8  | 23.35 | 23.52 | 23.39 | 24.50         |
| 3               | 16QAM  | 1  | 14 | 23.34 | 23.42 | 23.29 | 24.50         |
| 3               | 16QAM  | 8  | 0  | 22.10 | 22.25 | 22.22 | 23.50         |
| 3               | 16QAM  | 8  | 4  | 22.31 | 22.34 | 22.32 | 23.50         |
| 3               | 16QAM  | 8  | 7  | 22.32 | 22.28 | 22.27 | 23.50         |
| 3               | 16QAM  | 15 | 0  | 22.25 | 22.40 | 22.31 | 23.50         |
| 3               | 64QAM  | 1  | 0  | 22.65 | 22.69 | 22.45 | 23.50         |
| 3               | 64QAM  | 1  | 8  | 22.56 | 22.58 | 22.50 | 23.50         |
| 3               | 64QAM  | 1  | 14 | 22.57 | 22.59 | 22.63 | 23.50         |
| 3               | 64QAM  | 8  | 0  | 21.36 | 21.47 | 21.36 | 22.50         |
| 3               | 64QAM  | 8  | 4  | 21.32 | 21.50 | 21.34 | 22.50         |
| 3               | 64QAM  | 8  | 7  | 21.26 | 21.50 | 21.45 | 22.50         |
| 3               | 64QAM  | 15 | 0  | 21.34 | 21.50 | 21.32 | 22.50         |
| 3               | 256QAM | 1  | 0  | 19.46 | 19.51 | 19.40 | 20.50         |
| 3               | 256QAM | 1  | 8  | 19.47 | 19.55 | 19.43 | 20.50         |
| 3               | 256QAM | 1  | 14 | 19.48 | 19.48 | 19.50 | 20.50         |
| 3               | 256QAM | 8  | 0  | 19.26 | 19.40 | 19.45 | 20.50         |
| 3               | 256QAM | 8  | 4  | 19.37 | 19.48 | 19.31 | 20.50         |
| 3               | 256QAM | 8  | 7  | 19.33 | 19.46 | 19.40 | 20.50         |
| 3               | 256QAM | 15 | 0  | 19.40 | 19.40 | 19.25 | 20.50         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 24.47 | 24.51 | 24.40 | 25.50         |
| 1.4             | QPSK   | 1  | 3  | 24.15 | 24.20 | 24.03 | 25.50         |
| 1.4             | QPSK   | 1  | 5  | 24.12 | 24.21 | 24.06 | 25.50         |
| 1.4             | QPSK   | 3  | 0  | 24.21 | 24.35 | 24.35 | 25.50         |
| 1.4             | QPSK   | 3  | 1  | 24.15 | 24.28 | 24.12 | 25.50         |
| 1.4             | QPSK   | 3  | 3  | 24.23 | 24.30 | 24.23 | 25.50         |
| 1.4             | QPSK   | 6  | 0  | 23.09 | 23.19 | 23.08 | 24.50         |
| 1.4             | 16QAM  | 1  | 0  | 23.60 | 23.62 | 23.41 | 24.50         |



|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 3 | 23.34 | 23.46 | 23.35 | 24.50 |
| 1.4 | 16QAM  | 1 | 5 | 23.34 | 23.51 | 23.29 | 24.50 |
| 1.4 | 16QAM  | 3 | 0 | 23.14 | 23.22 | 23.24 | 24.50 |
| 1.4 | 16QAM  | 3 | 1 | 23.27 | 23.42 | 23.29 | 24.50 |
| 1.4 | 16QAM  | 3 | 3 | 23.31 | 23.27 | 23.23 | 24.50 |
| 1.4 | 16QAM  | 6 | 0 | 22.20 | 22.32 | 22.36 | 23.50 |
| 1.4 | 64QAM  | 1 | 0 | 22.53 | 22.61 | 22.58 | 23.50 |
| 1.4 | 64QAM  | 1 | 3 | 22.50 | 22.57 | 22.58 | 23.50 |
| 1.4 | 64QAM  | 1 | 5 | 22.48 | 22.59 | 22.63 | 23.50 |
| 1.4 | 64QAM  | 3 | 0 | 22.31 | 22.40 | 22.34 | 23.50 |
| 1.4 | 64QAM  | 3 | 1 | 22.24 | 22.49 | 22.36 | 23.50 |
| 1.4 | 64QAM  | 3 | 3 | 22.35 | 22.48 | 22.38 | 23.50 |
| 1.4 | 64QAM  | 6 | 0 | 21.35 | 21.43 | 21.29 | 22.50 |
| 1.4 | 256QAM | 1 | 0 | 19.45 | 19.61 | 19.51 | 20.50 |
| 1.4 | 256QAM | 1 | 3 | 19.52 | 19.58 | 19.46 | 20.50 |
| 1.4 | 256QAM | 1 | 5 | 19.38 | 19.47 | 19.39 | 20.50 |
| 1.4 | 256QAM | 3 | 0 | 19.38 | 19.42 | 19.41 | 20.50 |
| 1.4 | 256QAM | 3 | 1 | 19.30 | 19.40 | 19.28 | 20.50 |
| 1.4 | 256QAM | 3 | 3 | 19.23 | 19.49 | 19.36 | 20.50 |
| 1.4 | 256QAM | 6 | 0 | 19.27 | 19.37 | 19.25 | 20.50 |

## 【LTE Band 12\_Ant 0\_ECI1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 24.53                    | 24.56                       | 24.55                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.17                    | 24.25                       | 24.11                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.18                    | 24.30                       | 24.16                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.35                    | 23.47                       | 23.41                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.25                    | 23.33                       | 23.21                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.28                    | 23.33                       | 23.28                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.19                    | 23.34                       | 23.22                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.61                    | 23.65                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.44                    | 23.60                       | 23.47                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.37                    | 23.54                       | 23.42                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.17                    | 22.33                       | 22.31                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.33                    | 22.45                       | 22.41                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.38                    | 22.42                       | 22.32                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.29                    | 22.44                       | 22.42                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.67                    | 22.72                       | 22.59                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.59                    | 22.66                       | 22.61                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.60                    | 22.72                       | 22.67                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.42                    | 21.49                       | 21.41                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.36                    | 21.52                       | 21.45                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.36                    | 21.53                       | 21.49                     | 22.50                  |
| 10              | 64QAM      | 50      | 0         | 21.40                    | 21.55                       | 21.39                     | 22.50                  |
| 10              | 256QAM     | 1       | 0         | 19.48                    | 19.62                       | 19.54                     | 20.50                  |
| 10              | 256QAM     | 1       | 25        | 19.55                    | 19.61                       | 19.49                     | 20.50                  |
| 10              | 256QAM     | 1       | 49        | 19.51                    | 19.55                       | 19.52                     | 20.50                  |
| 10              | 256QAM     | 25      | 0         | 19.41                    | 19.53                       | 19.48                     | 20.50                  |
| 10              | 256QAM     | 25      | 12        | 19.42                    | 19.52                       | 19.39                     | 20.50                  |
| 10              | 256QAM     | 25      | 25        | 19.37                    | 19.50                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 50      | 0         | 19.41                    | 19.52                       | 19.37                     | 20.50                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.50                    | 24.47                       | 24.43                     | 25.50                  |
| 5               | QPSK       | 1       | 12        | 24.05                    | 24.23                       | 24.03                     | 25.50                  |
| 5               | QPSK       | 1       | 24        | 24.07                    | 24.22                       | 24.10                     | 25.50                  |
| 5               | QPSK       | 12      | 0         | 23.25                    | 23.32                       | 23.40                     | 24.50                  |
| 5               | QPSK       | 12      | 7         | 23.19                    | 23.28                       | 23.20                     | 24.50                  |
| 5               | QPSK       | 12      | 13        | 23.21                    | 23.31                       | 23.16                     | 24.50                  |
| 5               | QPSK       | 25      | 0         | 23.18                    | 23.27                       | 23.16                     | 24.50                  |
| 5               | 16QAM      | 1       | 0         | 23.52                    | 23.55                       | 23.45                     | 24.50                  |
| 5               | 16QAM      | 1       | 12        | 23.41                    | 23.49                       | 23.43                     | 24.50                  |
| 5               | 16QAM      | 1       | 24        | 23.31                    | 23.42                       | 23.33                     | 24.50                  |
| 5               | 16QAM      | 12      | 0         | 22.08                    | 22.32                       | 22.17                     | 23.50                  |
| 5               | 16QAM      | 12      | 7         | 22.30                    | 22.34                       | 22.36                     | 23.50                  |
| 5               | 16QAM      | 12      | 13        | 22.24                    | 22.33                       | 22.24                     | 23.50                  |
| 5               | 16QAM      | 25      | 0         | 22.16                    | 22.36                       | 22.37                     | 23.50                  |
| 5               | 64QAM      | 1       | 0         | 22.61                    | 22.57                       | 22.46                     | 23.50                  |
| 5               | 64QAM      | 1       | 12        | 22.53                    | 22.51                       | 22.59                     | 23.50                  |



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|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 5               | 64QAM  | 1  | 24 | 22.47 | 22.62 | 22.64 | 23.50                  |
| 5               | 64QAM  | 12 | 0  | 21.27 | 21.46 | 21.37 | 22.50                  |
| 5               | 64QAM  | 12 | 7  | 21.22 | 21.45 | 21.33 | 22.50                  |
| 5               | 64QAM  | 12 | 13 | 21.32 | 21.43 | 21.35 | 22.50                  |
| 5               | 64QAM  | 25 | 0  | 21.33 | 21.54 | 21.35 | 22.50                  |
| 5               | 256QAM | 1  | 0  | 19.35 | 19.57 | 19.50 | 20.50                  |
| 5               | 256QAM | 1  | 12 | 19.42 | 19.59 | 19.48 | 20.50                  |
| 5               | 256QAM | 1  | 24 | 19.48 | 19.46 | 19.45 | 20.50                  |
| 5               | 256QAM | 12 | 0  | 19.26 | 19.39 | 19.43 | 20.50                  |
| 5               | 256QAM | 12 | 7  | 19.32 | 19.39 | 19.38 | 20.50                  |
| 5               | 256QAM | 12 | 13 | 19.24 | 19.39 | 19.37 | 20.50                  |
| 5               | 256QAM | 25 | 0  | 19.38 | 19.40 | 19.27 | 20.50                  |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 |                        |
| 3               | QPSK   | 1  | 0  | 24.42 | 24.54 | 24.43 | 25.50                  |
| 3               | QPSK   | 1  | 8  | 24.09 | 24.16 | 23.99 | 25.50                  |
| 3               | QPSK   | 1  | 14 | 24.13 | 24.29 | 24.10 | 25.50                  |
| 3               | QPSK   | 8  | 0  | 23.25 | 23.36 | 23.28 | 24.50                  |
| 3               | QPSK   | 8  | 4  | 23.20 | 23.18 | 23.16 | 24.50                  |
| 3               | QPSK   | 8  | 7  | 23.23 | 23.21 | 23.22 | 24.50                  |
| 3               | QPSK   | 15 | 0  | 23.11 | 23.22 | 23.08 | 24.50                  |
| 3               | 16QAM  | 1  | 0  | 23.60 | 23.54 | 23.35 | 24.50                  |
| 3               | 16QAM  | 1  | 8  | 23.35 | 23.52 | 23.39 | 24.50                  |
| 3               | 16QAM  | 1  | 14 | 23.34 | 23.42 | 23.29 | 24.50                  |
| 3               | 16QAM  | 8  | 0  | 22.10 | 22.25 | 22.22 | 23.50                  |
| 3               | 16QAM  | 8  | 4  | 22.31 | 22.34 | 22.32 | 23.50                  |
| 3               | 16QAM  | 8  | 7  | 22.32 | 22.28 | 22.27 | 23.50                  |
| 3               | 16QAM  | 15 | 0  | 22.25 | 22.40 | 22.31 | 23.50                  |
| 3               | 64QAM  | 1  | 0  | 22.65 | 22.69 | 22.45 | 23.50                  |
| 3               | 64QAM  | 1  | 8  | 22.56 | 22.58 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 14 | 22.57 | 22.59 | 22.63 | 23.50                  |
| 3               | 64QAM  | 8  | 0  | 21.36 | 21.47 | 21.36 | 22.50                  |
| 3               | 64QAM  | 8  | 4  | 21.32 | 21.50 | 21.34 | 22.50                  |
| 3               | 64QAM  | 8  | 7  | 21.26 | 21.50 | 21.45 | 22.50                  |
| 3               | 64QAM  | 15 | 0  | 21.34 | 21.50 | 21.32 | 22.50                  |
| 3               | 256QAM | 1  | 0  | 19.46 | 19.51 | 19.40 | 20.50                  |
| 3               | 256QAM | 1  | 8  | 19.47 | 19.55 | 19.43 | 20.50                  |
| 3               | 256QAM | 1  | 14 | 19.48 | 19.48 | 19.50 | 20.50                  |
| 3               | 256QAM | 8  | 0  | 19.26 | 19.40 | 19.45 | 20.50                  |
| 3               | 256QAM | 8  | 4  | 19.37 | 19.48 | 19.31 | 20.50                  |
| 3               | 256QAM | 8  | 7  | 19.33 | 19.46 | 19.40 | 20.50                  |
| 3               | 256QAM | 15 | 0  | 19.40 | 19.40 | 19.25 | 20.50                  |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.47 | 24.51 | 24.40 | 25.50                  |
| 1.4             | QPSK   | 1  | 3  | 24.15 | 24.20 | 24.03 | 25.50                  |
| 1.4             | QPSK   | 1  | 5  | 24.12 | 24.21 | 24.06 | 25.50                  |
| 1.4             | QPSK   | 3  | 0  | 24.21 | 24.35 | 24.35 | 25.50                  |
| 1.4             | QPSK   | 3  | 1  | 24.15 | 24.28 | 24.12 | 25.50                  |
| 1.4             | QPSK   | 3  | 3  | 24.23 | 24.30 | 24.23 | 25.50                  |
| 1.4             | QPSK   | 6  | 0  | 23.09 | 23.19 | 23.08 | 24.50                  |
| 1.4             | 16QAM  | 1  | 0  | 23.60 | 23.62 | 23.41 | 24.50                  |
| 1.4             | 16QAM  | 1  | 3  | 23.34 | 23.46 | 23.35 | 24.50                  |
| 1.4             | 16QAM  | 1  | 5  | 23.34 | 23.51 | 23.29 | 24.50                  |
| 1.4             | 16QAM  | 3  | 0  | 23.14 | 23.22 | 23.24 | 24.50                  |
| 1.4             | 16QAM  | 3  | 1  | 23.27 | 23.42 | 23.29 | 24.50                  |
| 1.4             | 16QAM  | 3  | 3  | 23.31 | 23.27 | 23.23 | 24.50                  |
| 1.4             | 16QAM  | 6  | 0  | 22.20 | 22.32 | 22.36 | 23.50                  |
| 1.4             | 64QAM  | 1  | 0  | 22.53 | 22.61 | 22.58 | 23.50                  |
| 1.4             | 64QAM  | 1  | 3  | 22.50 | 22.57 | 22.58 | 23.50                  |
| 1.4             | 64QAM  | 1  | 5  | 22.48 | 22.59 | 22.63 | 23.50                  |
| 1.4             | 64QAM  | 3  | 0  | 22.31 | 22.40 | 22.34 | 23.50                  |
| 1.4             | 64QAM  | 3  | 1  | 22.24 | 22.49 | 22.36 | 23.50                  |
| 1.4             | 64QAM  | 3  | 3  | 22.35 | 22.48 | 22.38 | 23.50                  |
| 1.4             | 64QAM  | 6  | 0  | 21.35 | 21.43 | 21.29 | 22.50                  |
| 1.4             | 256QAM | 1  | 0  | 19.45 | 19.61 | 19.51 | 20.50                  |
| 1.4             | 256QAM | 1  | 3  | 19.52 | 19.58 | 19.46 | 20.50                  |
| 1.4             | 256QAM | 1  | 5  | 19.38 | 19.47 | 19.39 | 20.50                  |
| 1.4             | 256QAM | 3  | 0  | 19.38 | 19.42 | 19.41 | 20.50                  |
| 1.4             | 256QAM | 3  | 1  | 19.30 | 19.40 | 19.28 | 20.50                  |
| 1.4             | 256QAM | 3  | 3  | 19.23 | 19.49 | 19.36 | 20.50                  |
| 1.4             | 256QAM | 6  | 0  | 19.27 | 19.37 | 19.25 | 20.50                  |



【LTE Band 12\_Ant 0\_ECI3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 24.53                    | 24.56                       | 24.55                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.17                    | 24.25                       | 24.11                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.18                    | 24.30                       | 24.16                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.35                    | 23.47                       | 23.41                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.25                    | 23.33                       | 23.21                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.28                    | 23.33                       | 23.28                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.19                    | 23.34                       | 23.22                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.61                    | 23.65                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.44                    | 23.60                       | 23.47                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.37                    | 23.54                       | 23.42                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.17                    | 22.33                       | 22.31                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.33                    | 22.45                       | 22.41                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.38                    | 22.42                       | 22.32                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.29                    | 22.44                       | 22.42                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.67                    | 22.72                       | 22.59                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.59                    | 22.66                       | 22.61                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.60                    | 22.72                       | 22.67                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.42                    | 21.49                       | 21.41                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.36                    | 21.52                       | 21.45                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.36                    | 21.53                       | 21.49                     | 22.50                  |
| 10              | 64QAM      | 50      | 0         | 21.40                    | 21.55                       | 21.39                     | 22.50                  |
| 10              | 256QAM     | 1       | 0         | 19.48                    | 19.62                       | 19.54                     | 20.50                  |
| 10              | 256QAM     | 1       | 25        | 19.55                    | 19.61                       | 19.49                     | 20.50                  |
| 10              | 256QAM     | 1       | 49        | 19.51                    | 19.55                       | 19.52                     | 20.50                  |
| 10              | 256QAM     | 25      | 0         | 19.41                    | 19.53                       | 19.48                     | 20.50                  |
| 10              | 256QAM     | 25      | 12        | 19.42                    | 19.52                       | 19.39                     | 20.50                  |
| 10              | 256QAM     | 25      | 25        | 19.37                    | 19.50                       | 19.42                     | 20.50                  |
| 10              | 256QAM     | 50      | 0         | 19.41                    | 19.52                       | 19.37                     | 20.50                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 24.50                    | 24.47                       | 24.43                     | 25.50                  |
| 5               | QPSK       | 1       | 12        | 24.05                    | 24.23                       | 24.03                     | 25.50                  |
| 5               | QPSK       | 1       | 24        | 24.07                    | 24.22                       | 24.10                     | 25.50                  |
| 5               | QPSK       | 12      | 0         | 23.25                    | 23.32                       | 23.40                     | 24.50                  |
| 5               | QPSK       | 12      | 7         | 23.19                    | 23.28                       | 23.20                     | 24.50                  |
| 5               | QPSK       | 12      | 13        | 23.21                    | 23.31                       | 23.16                     | 24.50                  |
| 5               | QPSK       | 25      | 0         | 23.18                    | 23.27                       | 23.16                     | 24.50                  |
| 5               | 16QAM      | 1       | 0         | 23.52                    | 23.55                       | 23.45                     | 24.50                  |
| 5               | 16QAM      | 1       | 12        | 23.41                    | 23.49                       | 23.43                     | 24.50                  |
| 5               | 16QAM      | 1       | 24        | 23.31                    | 23.42                       | 23.33                     | 24.50                  |
| 5               | 16QAM      | 12      | 0         | 22.08                    | 22.32                       | 22.17                     | 23.50                  |
| 5               | 16QAM      | 12      | 7         | 22.30                    | 22.34                       | 22.36                     | 23.50                  |
| 5               | 16QAM      | 12      | 13        | 22.24                    | 22.33                       | 22.24                     | 23.50                  |
| 5               | 16QAM      | 25      | 0         | 22.16                    | 22.36                       | 22.37                     | 23.50                  |
| 5               | 64QAM      | 1       | 0         | 22.61                    | 22.57                       | 22.46                     | 23.50                  |
| 5               | 64QAM      | 1       | 12        | 22.53                    | 22.51                       | 22.59                     | 23.50                  |
| 5               | 64QAM      | 1       | 24        | 22.47                    | 22.62                       | 22.64                     | 23.50                  |
| 5               | 64QAM      | 12      | 0         | 21.27                    | 21.46                       | 21.37                     | 22.50                  |
| 5               | 64QAM      | 12      | 7         | 21.22                    | 21.45                       | 21.33                     | 22.50                  |
| 5               | 64QAM      | 12      | 13        | 21.32                    | 21.43                       | 21.35                     | 22.50                  |
| 5               | 64QAM      | 25      | 0         | 21.33                    | 21.54                       | 21.35                     | 22.50                  |
| 5               | 256QAM     | 1       | 0         | 19.35                    | 19.57                       | 19.50                     | 20.50                  |
| 5               | 256QAM     | 1       | 12        | 19.42                    | 19.59                       | 19.48                     | 20.50                  |
| 5               | 256QAM     | 1       | 24        | 19.48                    | 19.46                       | 19.45                     | 20.50                  |
| 5               | 256QAM     | 12      | 0         | 19.26                    | 19.39                       | 19.43                     | 20.50                  |
| 5               | 256QAM     | 12      | 7         | 19.32                    | 19.39                       | 19.38                     | 20.50                  |
| 5               | 256QAM     | 12      | 13        | 19.24                    | 19.39                       | 19.37                     | 20.50                  |
| 5               | 256QAM     | 25      | 0         | 19.38                    | 19.40                       | 19.27                     | 20.50                  |
| Channel         |            |         |           | 23025                    | 23095                       | 23165                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 700.5                    | 707.5                       | 714.5                     |                        |
| 3               | QPSK       | 1       | 0         | 24.42                    | 24.54                       | 24.43                     | 25.50                  |
| 3               | QPSK       | 1       | 8         | 24.09                    | 24.16                       | 23.99                     | 25.50                  |
| 3               | QPSK       | 1       | 14        | 24.13                    | 24.29                       | 24.10                     | 25.50                  |
| 3               | QPSK       | 8       | 0         | 23.25                    | 23.36                       | 23.28                     | 24.50                  |
| 3               | QPSK       | 8       | 4         | 23.20                    | 23.18                       | 23.16                     | 24.50                  |
| 3               | QPSK       | 8       | 7         | 23.23                    | 23.21                       | 23.22                     | 24.50                  |
| 3               | QPSK       | 15      | 0         | 23.11                    | 23.22                       | 23.08                     | 24.50                  |
| 3               | 16QAM      | 1       | 0         | 23.60                    | 23.54                       | 23.35                     | 24.50                  |
| 3               | 16QAM      | 1       | 8         | 23.35                    | 23.52                       | 23.39                     | 24.50                  |
| 3               | 16QAM      | 1       | 14        | 23.34                    | 23.42                       | 23.29                     | 24.50                  |
| 3               | 16QAM      | 8       | 0         | 22.10                    | 22.25                       | 22.22                     | 23.50                  |
| 3               | 16QAM      | 8       | 4         | 22.31                    | 22.34                       | 22.32                     | 23.50                  |



|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 16QAM  | 8  | 7  | 22.32 | 22.28 | 22.27 | 23.50                  |
| 3               | 16QAM  | 15 | 0  | 22.25 | 22.40 | 22.31 | 23.50                  |
| 3               | 64QAM  | 1  | 0  | 22.65 | 22.69 | 22.45 | 23.50                  |
| 3               | 64QAM  | 1  | 8  | 22.56 | 22.58 | 22.50 | 23.50                  |
| 3               | 64QAM  | 1  | 14 | 22.57 | 22.59 | 22.63 | 23.50                  |
| 3               | 64QAM  | 8  | 0  | 21.36 | 21.47 | 21.36 | 22.50                  |
| 3               | 64QAM  | 8  | 4  | 21.32 | 21.50 | 21.34 | 22.50                  |
| 3               | 64QAM  | 8  | 7  | 21.26 | 21.50 | 21.45 | 22.50                  |
| 3               | 64QAM  | 15 | 0  | 21.34 | 21.50 | 21.32 | 22.50                  |
| 3               | 256QAM | 1  | 0  | 19.46 | 19.51 | 19.40 | 20.50                  |
| 3               | 256QAM | 1  | 8  | 19.47 | 19.55 | 19.43 | 20.50                  |
| 3               | 256QAM | 1  | 14 | 19.48 | 19.48 | 19.50 | 20.50                  |
| 3               | 256QAM | 8  | 0  | 19.26 | 19.40 | 19.45 | 20.50                  |
| 3               | 256QAM | 8  | 4  | 19.37 | 19.48 | 19.31 | 20.50                  |
| 3               | 256QAM | 8  | 7  | 19.33 | 19.46 | 19.40 | 20.50                  |
| 3               | 256QAM | 15 | 0  | 19.40 | 19.40 | 19.25 | 20.50                  |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 24.47 | 24.51 | 24.40 | 25.50                  |
| 1.4             | QPSK   | 1  | 3  | 24.15 | 24.20 | 24.03 | 25.50                  |
| 1.4             | QPSK   | 1  | 5  | 24.12 | 24.21 | 24.06 | 25.50                  |
| 1.4             | QPSK   | 3  | 0  | 24.21 | 24.35 | 24.35 | 25.50                  |
| 1.4             | QPSK   | 3  | 1  | 24.15 | 24.28 | 24.12 | 25.50                  |
| 1.4             | QPSK   | 3  | 3  | 24.23 | 24.30 | 24.23 | 25.50                  |
| 1.4             | QPSK   | 6  | 0  | 23.09 | 23.19 | 23.08 | 24.50                  |
| 1.4             | 16QAM  | 1  | 0  | 23.60 | 23.62 | 23.41 | 24.50                  |
| 1.4             | 16QAM  | 1  | 3  | 23.34 | 23.46 | 23.35 | 24.50                  |
| 1.4             | 16QAM  | 1  | 5  | 23.34 | 23.51 | 23.29 | 24.50                  |
| 1.4             | 16QAM  | 3  | 0  | 23.14 | 23.22 | 23.24 | 24.50                  |
| 1.4             | 16QAM  | 3  | 1  | 23.27 | 23.42 | 23.29 | 24.50                  |
| 1.4             | 16QAM  | 3  | 3  | 23.31 | 23.27 | 23.23 | 24.50                  |
| 1.4             | 16QAM  | 6  | 0  | 22.20 | 22.32 | 22.36 | 23.50                  |
| 1.4             | 64QAM  | 1  | 0  | 22.53 | 22.61 | 22.58 | 23.50                  |
| 1.4             | 64QAM  | 1  | 3  | 22.50 | 22.57 | 22.58 | 23.50                  |
| 1.4             | 64QAM  | 1  | 5  | 22.48 | 22.59 | 22.63 | 23.50                  |
| 1.4             | 64QAM  | 3  | 0  | 22.31 | 22.40 | 22.34 | 23.50                  |
| 1.4             | 64QAM  | 3  | 1  | 22.24 | 22.49 | 22.36 | 23.50                  |
| 1.4             | 64QAM  | 3  | 3  | 22.35 | 22.48 | 22.38 | 23.50                  |
| 1.4             | 64QAM  | 6  | 0  | 21.35 | 21.43 | 21.29 | 22.50                  |
| 1.4             | 256QAM | 1  | 0  | 19.45 | 19.61 | 19.51 | 20.50                  |
| 1.4             | 256QAM | 1  | 3  | 19.52 | 19.58 | 19.46 | 20.50                  |
| 1.4             | 256QAM | 1  | 5  | 19.38 | 19.47 | 19.39 | 20.50                  |
| 1.4             | 256QAM | 3  | 0  | 19.38 | 19.42 | 19.41 | 20.50                  |
| 1.4             | 256QAM | 3  | 1  | 19.30 | 19.40 | 19.28 | 20.50                  |
| 1.4             | 256QAM | 3  | 3  | 19.23 | 19.49 | 19.36 | 20.50                  |
| 1.4             | 256QAM | 6  | 0  | 19.27 | 19.37 | 19.25 | 20.50                  |

**【LTE Band 12\_Ant 0\_ECI4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 24.53                    | 24.56                       | 24.55                     | 25.50                  |
| 10              | QPSK       | 1       | 25        | 24.17                    | 24.25                       | 24.11                     | 25.50                  |
| 10              | QPSK       | 1       | 49        | 24.18                    | 24.30                       | 24.16                     | 25.50                  |
| 10              | QPSK       | 25      | 0         | 23.35                    | 23.47                       | 23.41                     | 24.50                  |
| 10              | QPSK       | 25      | 12        | 23.25                    | 23.33                       | 23.21                     | 24.50                  |
| 10              | QPSK       | 25      | 25        | 23.28                    | 23.33                       | 23.28                     | 24.50                  |
| 10              | QPSK       | 50      | 0         | 23.19                    | 23.34                       | 23.22                     | 24.50                  |
| 10              | 16QAM      | 1       | 0         | 23.61                    | 23.65                       | 23.50                     | 24.50                  |
| 10              | 16QAM      | 1       | 25        | 23.44                    | 23.60                       | 23.47                     | 24.50                  |
| 10              | 16QAM      | 1       | 49        | 23.37                    | 23.54                       | 23.42                     | 24.50                  |
| 10              | 16QAM      | 25      | 0         | 22.17                    | 22.33                       | 22.31                     | 23.50                  |
| 10              | 16QAM      | 25      | 12        | 22.33                    | 22.45                       | 22.41                     | 23.50                  |
| 10              | 16QAM      | 25      | 25        | 22.38                    | 22.42                       | 22.32                     | 23.50                  |
| 10              | 16QAM      | 50      | 0         | 22.29                    | 22.44                       | 22.42                     | 23.50                  |
| 10              | 64QAM      | 1       | 0         | 22.67                    | 22.72                       | 22.59                     | 23.50                  |
| 10              | 64QAM      | 1       | 25        | 22.59                    | 22.66                       | 22.61                     | 23.50                  |
| 10              | 64QAM      | 1       | 49        | 22.60                    | 22.72                       | 22.67                     | 23.50                  |
| 10              | 64QAM      | 25      | 0         | 21.42                    | 21.49                       | 21.41                     | 22.50                  |
| 10              | 64QAM      | 25      | 12        | 21.36                    | 21.52                       | 21.45                     | 22.50                  |
| 10              | 64QAM      | 25      | 25        | 21.36                    | 21.53                       | 21.49                     | 22.50                  |