

## Transmitter Radiated Power (EIRP/ERP)

### GSM Mode Test Data

| Test Band | Test CH | Conducted Output Peak Power(dBm) | Antenna Gain (dBi) | Antenna Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------|---------|----------------------------------|--------------------|--------------------|-----------|---------|-----------|---------|
| GSM850    | LCH     | 26.4                             | -6.1               | -8.25              | 18.15     | 0.065   | 7.000     | Pass    |
|           | MCH     | 26.38                            | -6.1               | -8.25              | 18.13     | 0.065   | 7.000     | Pass    |
|           | HCH     | 26.27                            | -6.1               | -8.25              | 18.02     | 0.063   | 7.000     | Pass    |
| GPRS850   | LCH     | 26.39                            | -6.1               | -8.25              | 18.14     | 0.065   | 7.000     | Pass    |
|           | MCH     | 26.37                            | -6.1               | -8.25              | 18.12     | 0.065   | 7.000     | Pass    |
|           | HCH     | 26.23                            | -6.1               | -8.25              | 17.98     | 0.063   | 7.000     | Pass    |
| EGPRS850  | LCH     | 26.36                            | -6.1               | -8.25              | 18.11     | 0.065   | 7.000     | Pass    |
|           | MCH     | 26.03                            | -6.1               | -8.25              | 17.78     | 0.060   | 7.000     | Pass    |
|           | HCH     | 25.72                            | -6.1               | -8.25              | 17.47     | 0.056   | 7.000     | Pass    |

| Test Band | Test CH | Conducted Output Peak Power(dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|---------|----------------------------------|--------------------|------------|----------|-----------|---------|
| GSM1900   | LCH     | 21.58                            | -2.82              | 18.76      | 0.075    | 2.000     | Pass    |
|           | MCH     | 21.5                             | -2.82              | 18.68      | 0.074    | 2.000     | Pass    |
|           | HCH     | 21.47                            | -2.82              | 18.65      | 0.073    | 2.000     | Pass    |
| GPRS1900  | LCH     | 20.56                            | -2.82              | 17.74      | 0.059    | 2.000     | Pass    |
|           | MCH     | 20.46                            | -2.82              | 17.64      | 0.058    | 2.000     | Pass    |
|           | HCH     | 20.42                            | -2.82              | 17.60      | 0.058    | 2.000     | Pass    |
| EGPRS1900 | LCH     | 21.27                            | -2.82              | 18.45      | 0.070    | 2.000     | Pass    |
|           | MCH     | 21.19                            | -2.82              | 18.37      | 0.069    | 2.000     | Pass    |
|           | HCH     | 21.19                            | -2.82              | 18.37      | 0.069    | 2.000     | Pass    |

### GPRS Conducted Output Power

| Test Band | Test CH | GPRS Conducted Output Power(dBm) |            |               |             |               |             |               |             | Verdict |
|-----------|---------|----------------------------------|------------|---------------|-------------|---------------|-------------|---------------|-------------|---------|
|           |         | 1 slot (dBm)                     | 1 slot (W) | 2 slots (dBm) | 2 slots (W) | 3 slots (dBm) | 3 slots (W) | 4 slots (dBm) | 4 slots (W) |         |
| GPRS850   | LCH     | 26.39                            | 0.44       | 25.82         | 0.38        | 24.20         | 0.26        | 23.08         | 0.20        | Pass    |
|           | MCH     | 26.37                            | 0.43       | 25.71         | 0.37        | 23.91         | 0.25        | 22.76         | 0.19        | Pass    |
|           | HCH     | 26.23                            | 0.42       | 25.55         | 0.36        | 23.69         | 0.23        | 22.46         | 0.18        | Pass    |
| GPRS1900  | LCH     | 20.56                            | 0.11       | 20.10         | 0.10        | 18.55         | 0.07        | 17.03         | 0.05        | Pass    |
|           | MCH     | 20.46                            | 0.11       | 19.99         | 0.10        | 18.42         | 0.07        | 16.91         | 0.05        | Pass    |
|           | HCH     | 20.42                            | 0.11       | 19.96         | 0.10        | 18.43         | 0.07        | 16.93         | 0.05        | Pass    |

### EGPRS Conducted Output Power

| Test Band | Test CH | EGPRS Conducted Output Power(dBm) |            |               |             |               |             |               |             | Verdict |
|-----------|---------|-----------------------------------|------------|---------------|-------------|---------------|-------------|---------------|-------------|---------|
|           |         | 1 slot (dBm)                      | 1 slot (W) | 2 slots (dBm) | 2 slots (W) | 3 slots (dBm) | 3 slots (W) | 4 slots (dBm) | 4 slots (W) |         |
| EGPRS850  | LCH     | 26.36                             | 0.43       | 26.30         | 0.43        | 26.21         | 0.42        | 26.14         | 0.41        | Pass    |
|           | MCH     | 26.03                             | 0.40       | 25.97         | 0.40        | 25.89         | 0.39        | 25.82         | 0.38        | Pass    |
|           | HCH     | 25.72                             | 0.37       | 25.65         | 0.37        | 25.57         | 0.36        | 25.51         | 0.36        | Pass    |
| EGPRS1900 | LCH     | 21.27                             | 0.13       | 21.20         | 0.13        | 21.12         | 0.13        | 21.05         | 0.13        | Pass    |
|           | MCH     | 21.19                             | 0.13       | 21.10         | 0.13        | 21.03         | 0.13        | 20.95         | 0.12        | Pass    |
|           | HCH     | 21.19                             | 0.13       | 21.11         | 0.13        | 21.02         | 0.13        | 20.95         | 0.12        | Pass    |

### WCDMA Mode Test Data

| Test Band | Test CH | Conducted Output Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|---------|------------------------------|--------------------|------------|----------|-----------|---------|
| WCDMA B2  | LCH     | 13.24                        | -2.82              | 10.42      | 0.011    | 2.000     | Pass    |
|           | MCH     | 13.06                        | -2.82              | 10.24      | 0.011    | 2.000     | Pass    |
|           | HCH     | 13.07                        | -2.82              | 10.25      | 0.011    | 2.000     | Pass    |
| HSDPA B2  | LCH     | 13.24                        | -2.82              | 10.42      | 0.011    | 2.000     | Pass    |
|           | MCH     | 13.11                        | -2.82              | 10.29      | 0.011    | 2.000     | Pass    |
|           | HCH     | 13.08                        | -2.82              | 10.26      | 0.011    | 2.000     | Pass    |
| HSUPA B2  | LCH     | 15.25                        | -2.82              | 12.43      | 0.017    | 2.000     | Pass    |
|           | MCH     | 15.14                        | -2.82              | 12.32      | 0.017    | 2.000     | Pass    |
|           | HCH     | 15.13                        | -2.82              | 12.31      | 0.017    | 2.000     | Pass    |

| Test Band | Test CH | Conducted Output Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|---------|------------------------------|--------------------|------------|----------|-----------|---------|
| WCDMA B4  | LCH     | 13.26                        | -4.68              | 8.58       | 0.007    | 1.000     | Pass    |
|           | MCH     | 13.08                        | -4.68              | 8.40       | 0.007    | 1.000     | Pass    |
|           | HCH     | 13.02                        | -4.68              | 8.34       | 0.007    | 1.000     | Pass    |
| HSDPA B4  | LCH     | 13.27                        | -4.68              | 8.59       | 0.007    | 1.000     | Pass    |
|           | MCH     | 13.07                        | -4.68              | 8.39       | 0.007    | 1.000     | Pass    |
|           | HCH     | 13.02                        | -4.68              | 8.34       | 0.007    | 1.000     | Pass    |
| HSUPA B4  | LCH     | 14.26                        | -4.68              | 9.58       | 0.009    | 1.000     | Pass    |
|           | MCH     | 14.10                        | -4.68              | 9.42       | 0.009    | 1.000     | Pass    |
|           | HCH     | 14.04                        | -4.68              | 9.36       | 0.009    | 1.000     | Pass    |

| Test Band | Test CH | Conducted Output Power (dBm) | Antenna Gain (dBi) | Antenna Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------|---------|------------------------------|--------------------|--------------------|-----------|---------|-----------|---------|
| WCDMA B5  | LCH     | 20.06                        | -6.1               | -8.25              | 11.81     | 0.015   | 7.000     | Pass    |
|           | MCH     | 20.02                        | -6.1               | -8.25              | 11.77     | 0.015   | 7.000     | Pass    |
|           | HCH     | 20.02                        | -6.1               | -8.25              | 11.77     | 0.015   | 7.000     | Pass    |
| HSDPA B5  | LCH     | 20.15                        | -6.1               | -8.25              | 11.90     | 0.015   | 7.000     | Pass    |
|           | MCH     | 20.03                        | -6.1               | -8.25              | 11.78     | 0.015   | 7.000     | Pass    |
|           | HCH     | 20.03                        | -6.1               | -8.25              | 11.78     | 0.015   | 7.000     | Pass    |
| HSUPA B5  | LCH     | 20.11                        | -6.1               | -8.25              | 11.86     | 0.015   | 7.000     | Pass    |
|           | MCH     | 20.03                        | -6.1               | -8.25              | 11.78     | 0.015   | 7.000     | Pass    |
|           | HCH     | 19.99                        | -6.1               | -8.25              | 11.74     | 0.015   | 7.000     | Pass    |

### HSDPA Conducted Output Power

| Conducted Output Power |               | (dBm) |       |       | (W)   |       |       | Verdict |
|------------------------|---------------|-------|-------|-------|-------|-------|-------|---------|
| Band                   | Configuration | LCH   | MCH   | HCH   | LCH   | MCH   | HCH   |         |
| HSDPA B2               | Subtest 1     | 13.24 | 13.11 | 13.08 | 0.021 | 0.020 | 0.020 | Pass    |
|                        | Subtest 2     | 13.19 | 13.11 | 13.06 | 0.021 | 0.020 | 0.020 | Pass    |
|                        | Subtest 3     | 12.74 | 12.57 | 12.57 | 0.019 | 0.018 | 0.018 | Pass    |
|                        | Subtest 4     | 12.71 | 12.56 | 12.5  | 0.019 | 0.018 | 0.018 | Pass    |
| HSDPA B4               | Subtest 1     | 13.27 | 13.06 | 13.02 | 0.021 | 0.020 | 0.020 | Pass    |
|                        | Subtest 2     | 13.21 | 13.07 | 13.01 | 0.021 | 0.020 | 0.020 | Pass    |
|                        | Subtest 3     | 12.7  | 12.51 | 12.46 | 0.019 | 0.018 | 0.018 | Pass    |
|                        | Subtest 4     | 12.69 | 12.5  | 12.44 | 0.019 | 0.018 | 0.018 | Pass    |
| Conducted Output Power |               | (dBm) |       |       | (W)   |       |       | Verdict |
| Band                   | Configuration | LCH   | MCH   | HCH   | LCH   | MCH   | HCH   |         |
| HSDPA B5               | Subtest 1     | 20.15 | 20.03 | 20.03 | 0.104 | 0.101 | 0.101 | Pass    |
|                        | Subtest 2     | 20.06 | 20.02 | 19.98 | 0.101 | 0.100 | 0.100 | Pass    |
|                        | Subtest 3     | 19.56 | 19.44 | 19.41 | 0.090 | 0.088 | 0.087 | Pass    |
|                        | Subtest 4     | 19.53 | 19.45 | 19.42 | 0.090 | 0.088 | 0.087 | Pass    |

### HSUPA Conducted Output Power

| Conducted Output Power |               | (dBm) |       |       | (W)   |       |       | Verdict |
|------------------------|---------------|-------|-------|-------|-------|-------|-------|---------|
| Band                   | Configuration | LCH   | MCH   | HCH   | LCH   | MCH   | HCH   |         |
| HSUPA B2               | Subtest 1     | 14.27 | 14.14 | 14.14 | 0.027 | 0.026 | 0.026 | Pass    |
|                        | Subtest 2     | 14.27 | 14.1  | 14.14 | 0.027 | 0.026 | 0.026 | Pass    |
|                        | Subtest 3     | 15.25 | 15.14 | 15.13 | 0.033 | 0.033 | 0.033 | Pass    |
|                        | Subtest 4     | 13.78 | 13.63 | 13.63 | 0.024 | 0.023 | 0.023 | Pass    |
|                        | Subtest 5     | 15.22 | 15.1  | 15.12 | 0.033 | 0.032 | 0.033 | Pass    |
| HSUPA B4               | Subtest 1     | 13.29 | 13.14 | 13.04 | 0.021 | 0.021 | 0.020 | Pass    |
|                        | Subtest 2     | 13.29 | 13.11 | 13.07 | 0.021 | 0.020 | 0.020 | Pass    |
|                        | Subtest 3     | 14.26 | 14.1  | 14.04 | 0.027 | 0.026 | 0.025 | Pass    |
|                        | Subtest 4     | 12.78 | 12.64 | 12.58 | 0.019 | 0.018 | 0.018 | Pass    |
|                        | Subtest 5     | 14.25 | 14.1  | 14.04 | 0.027 | 0.026 | 0.025 | Pass    |
| Conducted Output Power |               | (dBm) |       |       | (W)   |       |       | Verdict |
| Band                   | Configuration | LCH   | MCH   | HCH   | LCH   | MCH   | HCH   |         |
| HSUPA B5               | Subtest 1     | 19.09 | 19.03 | 19    | 0.081 | 0.080 | 0.079 | Pass    |
|                        | Subtest 2     | 19.08 | 19.02 | 18.95 | 0.081 | 0.080 | 0.079 | Pass    |
|                        | Subtest 3     | 20.09 | 20.03 | 19.96 | 0.102 | 0.101 | 0.099 | Pass    |
|                        | Subtest 4     | 18.61 | 18.54 | 18.49 | 0.073 | 0.071 | 0.071 | Pass    |
|                        | Subtest 5     | 20.11 | 20.03 | 19.99 | 0.103 | 0.101 | 0.100 | Pass    |

# LTE Mode Test Data

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| LTE BAND 2      |            |               |              |                |                |                    |            |          |           |         |
| 1.4             | LCH        | QPSK          | 1            | Low            | 13.36          | -2.82              | 10.54      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.36          | -2.82              | 10.54      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.38          | -2.82              | 10.56      | 0.011    | 2.000     | Pass    |
|                 |            |               | 3            | Low            | 13.5           | -2.82              | 10.68      | 0.012    | 2.000     | Pass    |
|                 |            |               | 3            | Mid            | 13.6           | -2.82              | 10.78      | 0.012    | 2.000     | Pass    |
|                 |            |               | 3            | High           | 13.57          | -2.82              | 10.75      | 0.012    | 2.000     | Pass    |
|                 |            | Q16           | 6            | Low            | 12.71          | -2.82              | 9.89       | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | Low            | 12.57          | -2.82              | 9.75       | 0.009    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 12.7           | -2.82              | 9.88       | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 12.63          | -2.82              | 9.81       | 0.010    | 2.000     | Pass    |
|                 |            |               | 3            | Low            | 12.45          | -2.82              | 9.63       | 0.009    | 2.000     | Pass    |
|                 |            |               | 3            | Mid            | 12.44          | -2.82              | 9.62       | 0.009    | 2.000     | Pass    |
|                 |            |               | 3            | High           | 12.45          | -2.82              | 9.63       | 0.009    | 2.000     | Pass    |
|                 |            |               | 6            | Low            | 11.85          | -2.82              | 9.03       | 0.008    | 2.000     | Pass    |
|                 | MCH        | QPSK          | 1            | Low            | 13.28          | -2.82              | 10.46      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.36          | -2.82              | 10.54      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.3           | -2.82              | 10.48      | 0.011    | 2.000     | Pass    |
|                 |            |               | 3            | Low            | 13.43          | -2.82              | 10.61      | 0.012    | 2.000     | Pass    |
|                 |            |               | 3            | Mid            | 13.49          | -2.82              | 10.67      | 0.012    | 2.000     | Pass    |
|                 |            |               | 3            | High           | 13.43          | -2.82              | 10.61      | 0.012    | 2.000     | Pass    |
|                 |            |               | 6            | Low            | 12.63          | -2.82              | 9.81       | 0.010    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13             | -2.82              | 10.18      | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.07          | -2.82              | 10.25      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.08          | -2.82              | 10.26      | 0.011    | 2.000     | Pass    |
|                 |            |               | 3            | Low            | 12.56          | -2.82              | 9.74       | 0.009    | 2.000     | Pass    |
|                 |            |               | 3            | Mid            | 12.61          | -2.82              | 9.79       | 0.010    | 2.000     | Pass    |
|                 |            |               | 3            | High           | 12.61          | -2.82              | 9.79       | 0.010    | 2.000     | Pass    |
|                 |            |               | 6            | Low            | 11.58          | -2.82              | 8.76       | 0.008    | 2.000     | Pass    |
|                 | HCH        | QPSK          | 1            | Low            | 13.27          | -2.82              | 10.45      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.31          | -2.82              | 10.49      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.32          | -2.82              | 10.50      | 0.011    | 2.000     | Pass    |
|                 |            |               | 3            | Low            | 13.44          | -2.82              | 10.62      | 0.012    | 2.000     | Pass    |
|                 |            |               | 3            | Mid            | 13.47          | -2.82              | 10.65      | 0.012    | 2.000     | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 2</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    |               |                  | 3               | High              | 13.48              | -2.82                    | 10.66         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 6               | Low               | 12.67              | -2.82                    | 9.85          | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.43              | -2.82                    | 9.61          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.5               | -2.82                    | 9.68          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.42              | -2.82                    | 9.60          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 3               | Low               | 12.5               | -2.82                    | 9.68          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 3               | Mid               | 12.58              | -2.82                    | 9.76          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 3               | High              | 12.54              | -2.82                    | 9.72          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 6               | Low               | 11.9               | -2.82                    | 9.08          | 0.008       | 2.000        | Pass    |
|                    |               |                  |                 |                   |                    |                          |               |             |              |         |
| 3                  | LCH           | QPSK             | 1               | Low               | 13.45              | -2.82                    | 10.63         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.46              | -2.82                    | 10.64         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.39              | -2.82                    | 10.57         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 8               | Low               | 12.78              | -2.82                    | 9.96          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 8               | Mid               | 12.77              | -2.82                    | 9.95          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 8               | High              | 12.73              | -2.82                    | 9.91          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 15              | Low               | 12.76              | -2.82                    | 9.94          | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.33              | -2.82                    | 9.51          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.44              | -2.82                    | 9.62          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.32              | -2.82                    | 9.50          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 8               | Low               | 11.8               | -2.82                    | 8.98          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 8               | Mid               | 11.84              | -2.82                    | 9.02          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 8               | High              | 11.73              | -2.82                    | 8.91          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 15              | Low               | 11.68              | -2.82                    | 8.86          | 0.008       | 2.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.43              | -2.82                    | 10.61         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.48              | -2.82                    | 10.66         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.39              | -2.82                    | 10.57         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 8               | Low               | 12.71              | -2.82                    | 9.89          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 8               | Mid               | 12.8               | -2.82                    | 9.98          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 8               | High              | 12.66              | -2.82                    | 9.84          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 15              | Low               | 12.68              | -2.82                    | 9.86          | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.9               | -2.82                    | 10.08         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.99              | -2.82                    | 10.17         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.89              | -2.82                    | 10.07         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 8               | Low               | 11.78              | -2.82                    | 8.96          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 8               | Mid               | 11.79              | -2.82                    | 8.97          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 8               | High              | 11.73              | -2.82                    | 8.91          | 0.008       | 2.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 2</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    | HCH           | QPSK             | 15              | Low               | 11.69              | -2.82                    | 8.87          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 1               | Low               | 13.41              | -2.82                    | 10.59         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.48              | -2.82                    | 10.66         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.45              | -2.82                    | 10.63         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 8               | Low               | 12.72              | -2.82                    | 9.90          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 8               | Mid               | 12.8               | -2.82                    | 9.98          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 8               | High              | 12.71              | -2.82                    | 9.89          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 15              | Low               | 12.69              | -2.82                    | 9.87          | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.48              | -2.82                    | 9.66          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.52              | -2.82                    | 9.70          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.43              | -2.82                    | 9.61          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 8               | Low               | 11.72              | -2.82                    | 8.90          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 8               | Mid               | 11.78              | -2.82                    | 8.96          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 8               | High              | 11.7               | -2.82                    | 8.88          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 15              | Low               | 11.7               | -2.82                    | 8.88          | 0.008       | 2.000        | Pass    |
| 5                  | LCH           | QPSK             | 1               | Low               | 13.78              | -2.82                    | 10.96         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.79              | -2.82                    | 10.97         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.73              | -2.82                    | 10.91         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.76              | -2.82                    | 9.94          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.77              | -2.82                    | 9.95          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 12.78              | -2.82                    | 9.96          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.79              | -2.82                    | 9.97          | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.96              | -2.82                    | 10.14         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.01              | -2.82                    | 10.19         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.97              | -2.82                    | 10.15         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.79              | -2.82                    | 8.97          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.81              | -2.82                    | 8.99          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 11.81              | -2.82                    | 8.99          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.78              | -2.82                    | 8.96          | 0.008       | 2.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.82              | -2.82                    | 11.00         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.81              | -2.82                    | 10.99         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.84              | -2.82                    | 11.02         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.76              | -2.82                    | 9.94          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.82              | -2.82                    | 10.00         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 12.76              | -2.82                    | 9.94          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.79              | -2.82                    | 9.97          | 0.010       | 2.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 2</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    |               | Q16              | 1               | Low               | 13.34              | -2.82                    | 10.52         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.42              | -2.82                    | 10.60         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.41              | -2.82                    | 10.59         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.9               | -2.82                    | 9.08          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.93              | -2.82                    | 9.11          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 11.91              | -2.82                    | 9.09          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.9               | -2.82                    | 9.08          | 0.008       | 2.000        | Pass    |
|                    | HCH           | QPSK             | 1               | Low               | 13.79              | -2.82                    | 10.97         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.84              | -2.82                    | 11.02         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.82              | -2.82                    | 11.00         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.84              | -2.82                    | 10.02         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.84              | -2.82                    | 10.02         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 12.82              | -2.82                    | 10.00         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.83              | -2.82                    | 10.01         | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.83              | -2.82                    | 10.01         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.89              | -2.82                    | 10.07         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.87              | -2.82                    | 10.05         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.83              | -2.82                    | 9.01          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.83              | -2.82                    | 9.01          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 11.84              | -2.82                    | 9.02          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.8               | -2.82                    | 8.98          | 0.008       | 2.000        | Pass    |
| 10                 | LCH           | QPSK             | 1               | Low               | 13.89              | -2.82                    | 11.07         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.9               | -2.82                    | 11.08         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.87              | -2.82                    | 11.05         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.77              | -2.82                    | 9.95          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Mid               | 12.84              | -2.82                    | 10.02         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | High              | 12.88              | -2.82                    | 10.06         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 12.78              | -2.82                    | 9.96          | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.75              | -2.82                    | 9.93          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.83              | -2.82                    | 10.01         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.78              | -2.82                    | 9.96          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.74              | -2.82                    | 8.92          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | Mid               | 11.86              | -2.82                    | 9.04          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | High              | 11.87              | -2.82                    | 9.05          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 11.71              | -2.82                    | 8.89          | 0.008       | 2.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.9               | -2.82                    | 11.08         | 0.013       | 2.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 2</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    |               |                  | 1               | Mid               | 13.95              | -2.82                    | <b>11.13</b>  | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.9               | -2.82                    | 11.08         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.83              | -2.82                    | 10.01         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Mid               | 12.92              | -2.82                    | 10.10         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | High              | 12.85              | -2.82                    | 10.03         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 12.85              | -2.82                    | 10.03         | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.29              | -2.82                    | 10.47         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.43              | -2.82                    | 10.61         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.36              | -2.82                    | 10.54         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.89              | -2.82                    | 9.07          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | Mid               | 11.94              | -2.82                    | 9.12          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | High              | 11.87              | -2.82                    | 9.05          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 11.81              | -2.82                    | 8.99          | 0.008       | 2.000        | Pass    |
|                    | HCH           | QPSK             | 1               | Low               | 13.8               | -2.82                    | 10.98         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.83              | -2.82                    | 11.01         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.84              | -2.82                    | 11.02         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.83              | -2.82                    | 10.01         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Mid               | 12.89              | -2.82                    | 10.07         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | High              | 12.81              | -2.82                    | 9.99          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 12.83              | -2.82                    | 10.01         | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.83              | -2.82                    | 10.01         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.91              | -2.82                    | 10.09         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.88              | -2.82                    | 10.06         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.92              | -2.82                    | 9.10          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | Mid               | 11.95              | -2.82                    | 9.13          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | High              | 11.87              | -2.82                    | 9.05          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 11.84              | -2.82                    | 9.02          | 0.008       | 2.000        | Pass    |
| 15                 | LCH           | QPSK             | 1               | Low               | 13.84              | -2.82                    | 11.02         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.8               | -2.82                    | 10.98         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.83              | -2.82                    | 11.01         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 12.84              | -2.82                    | 10.02         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 12.89              | -2.82                    | 10.07         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 12.93              | -2.82                    | 10.11         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 12.91              | -2.82                    | 10.09         | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.73              | -2.82                    | 9.91          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.75              | -2.82                    | 9.93          | 0.010       | 2.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 2</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    | MCH           |                  | 1               | High              | 12.76              | -2.82                    | 9.94          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 11.76              | -2.82                    | 8.94          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 11.85              | -2.82                    | 9.03          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 11.88              | -2.82                    | 9.06          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 11.83              | -2.82                    | 9.01          | 0.008       | 2.000        | Pass    |
|                    |               | QPSK             | 1               | Low               | 13.9               | -2.82                    | 11.08         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.91              | -2.82                    | 11.09         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.92              | -2.82                    | 11.10         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 12.9               | -2.82                    | 10.08         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 12.9               | -2.82                    | 10.08         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 12.85              | -2.82                    | 10.03         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 12.91              | -2.82                    | 10.09         | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.27              | -2.82                    | 10.45         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.32              | -2.82                    | 10.50         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.35              | -2.82                    | 10.53         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 11.92              | -2.82                    | 9.10          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 11.97              | -2.82                    | 9.15          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 11.92              | -2.82                    | 9.10          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 11.89              | -2.82                    | 9.07          | 0.008       | 2.000        | Pass    |
|                    | HCH           | QPSK             | 1               | Low               | 13.82              | -2.82                    | 11.00         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.89              | -2.82                    | 11.07         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.89              | -2.82                    | 11.07         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 12.9               | -2.82                    | 10.08         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 12.88              | -2.82                    | 10.06         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 12.8               | -2.82                    | 9.98          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 12.87              | -2.82                    | 10.05         | 0.010       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.22              | -2.82                    | 10.40         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.18              | -2.82                    | 10.36         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.23              | -2.82                    | 10.41         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 11.78              | -2.82                    | 8.96          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 11.76              | -2.82                    | 8.94          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 11.73              | -2.82                    | 8.91          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 11.79              | -2.82                    | 8.97          | 0.008       | 2.000        | Pass    |
| 20                 | LCH           | QPSK             | 1               | Low               | 13.76              | -2.82                    | 10.94         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.84              | -2.82                    | 11.02         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.78              | -2.82                    | 10.96         | 0.012       | 2.000        | Pass    |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| LTE BAND 2      |            |               |              |                |                |                    |            |          |           |         |
|                 |            |               | 50           | Low            | 12.71          | -2.82              | 9.89       | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 12.86          | -2.82              | 10.04      | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 12.92          | -2.82              | 10.10      | 0.010    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 12.77          | -2.82              | 9.95       | 0.010    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.33          | -2.82              | 10.51      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.48          | -2.82              | 10.66      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.4           | -2.82              | 10.58      | 0.011    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.68          | -2.82              | 8.86       | 0.008    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 11.86          | -2.82              | 9.04       | 0.008    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 11.9           | -2.82              | 9.08       | 0.008    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 11.81          | -2.82              | 8.99       | 0.008    | 2.000     | Pass    |
|                 | MCH        | QPSK          | 1            | Low            | 13.8           | -2.82              | 10.98      | 0.013    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.87          | -2.82              | 11.05      | 0.013    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.84          | -2.82              | 11.02      | 0.013    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 12.89          | -2.82              | 10.07      | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 12.89          | -2.82              | 10.07      | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 12.91          | -2.82              | 10.09      | 0.010    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 12.92          | -2.82              | 10.10      | 0.010    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.34          | -2.82              | 10.52      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.47          | -2.82              | 10.65      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.44          | -2.82              | 10.62      | 0.012    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.89          | -2.82              | 9.07       | 0.008    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 11.91          | -2.82              | 9.09       | 0.008    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 11.92          | -2.82              | 9.10       | 0.008    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 11.86          | -2.82              | 9.04       | 0.008    | 2.000     | Pass    |
|                 | HCH        | QPSK          | 1            | Low            | 13.72          | -2.82              | 10.90      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.9           | -2.82              | 11.08      | 0.013    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.81          | -2.82              | 10.99      | 0.013    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 12.78          | -2.82              | 9.96       | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 12.83          | -2.82              | 10.01      | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 12.72          | -2.82              | 9.90       | 0.010    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 12.74          | -2.82              | 9.92       | 0.010    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.21          | -2.82              | 10.39      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.2           | -2.82              | 10.38      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.21          | -2.82              | 10.39      | 0.011    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.74          | -2.82              | 8.92       | 0.008    | 2.000     | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measured<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|-------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 2</b>  |               |                  |                 |                   |                   |                          |               |             |              |         |
|                    |               |                  | 50              | Mid               | 11.82             | -2.82                    | 9.00          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 50              | High              | 11.68             | -2.82                    | 8.86          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 100             | Low               | 11.7              | -2.82                    | 8.88          | 0.008       | 2.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measured (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|----------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 4</b>  |               |                  |                 |                   |                |                          |               |             |              |         |
| 1.4                | LCH           | QPSK             | 1               | Low               | 13.54          | -4.68                    | 8.86          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.57          | -4.68                    | 8.89          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.52          | -4.68                    | 8.84          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 3               | Low               | 13.43          | -4.68                    | 8.75          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 3               | Mid               | 13.49          | -4.68                    | 8.81          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 3               | High              | 13.48          | -4.68                    | 8.80          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 6               | Low               | 12.72          | -4.68                    | 8.04          | 0.006       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.54          | -4.68                    | 7.86          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.6           | -4.68                    | 7.92          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.55          | -4.68                    | 7.87          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | Low               | 12.36          | -4.68                    | 7.68          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | Mid               | 12.44          | -4.68                    | 7.76          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | High              | 12.44          | -4.68                    | 7.76          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 6               | Low               | 11.82          | -4.68                    | 7.14          | 0.005       | 1.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.3           | -4.68                    | 8.62          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.4           | -4.68                    | 8.72          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.3           | -4.68                    | 8.62          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 3               | Low               | 13.42          | -4.68                    | 8.74          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 3               | Mid               | 13.47          | -4.68                    | 8.79          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 3               | High              | 13.39          | -4.68                    | 8.71          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 6               | Low               | 12.64          | -4.68                    | 7.96          | 0.006       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.05          | -4.68                    | 8.37          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.09          | -4.68                    | 8.41          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.12          | -4.68                    | 8.44          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 3               | Low               | 12.58          | -4.68                    | 7.90          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | Mid               | 12.61          | -4.68                    | 7.93          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | High              | 12.63          | -4.68                    | 7.95          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 6               | Low               | 11.6           | -4.68                    | 6.92          | 0.005       | 1.000        | Pass    |
|                    | HCH           | QPSK             | 1               | Low               | 13.23          | -4.68                    | 8.55          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.27          | -4.68                    | 8.59          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.28          | -4.68                    | 8.60          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 3               | Low               | 13.42          | -4.68                    | 8.74          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 3               | Mid               | 13.43          | -4.68                    | 8.75          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 3               | High              | 13.51          | -4.68                    | 8.83          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 6               | Low               | 12.68          | -4.68                    | 8.00          | 0.006       | 1.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 4</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    |               | Q16              | 1               | Low               | 12.41              | -4.68                    | 7.73          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.47              | -4.68                    | 7.79          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.41              | -4.68                    | 7.73          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | Low               | 12.49              | -4.68                    | 7.81          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | Mid               | 12.61              | -4.68                    | 7.93          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 3               | High              | 12.54              | -4.68                    | 7.86          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 6               | Low               | 11.92              | -4.68                    | 7.24          | 0.005       | 1.000        | Pass    |
| 3                  | LCH           | QPSK             | 1               | Low               | 13.43              | -4.68                    | 8.75          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.46              | -4.68                    | 8.78          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.38              | -4.68                    | 8.70          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 8               | Low               | 12.8               | -4.68                    | 8.12          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 8               | Mid               | 12.81              | -4.68                    | 8.13          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 8               | High              | 12.72              | -4.68                    | 8.04          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 15              | Low               | 12.73              | -4.68                    | 8.05          | 0.006       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.31              | -4.68                    | 7.63          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.39              | -4.68                    | 7.71          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.31              | -4.68                    | 7.63          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 8               | Low               | 11.82              | -4.68                    | 7.14          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 8               | Mid               | 11.88              | -4.68                    | 7.20          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 8               | High              | 11.75              | -4.68                    | 7.07          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 15              | Low               | 11.7               | -4.68                    | 7.02          | 0.005       | 1.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.48              | -4.68                    | 8.80          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.55              | -4.68                    | 8.87          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.49              | -4.68                    | 8.81          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 8               | Low               | 12.77              | -4.68                    | 8.09          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 8               | Mid               | 12.83              | -4.68                    | 8.15          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 8               | High              | 12.77              | -4.68                    | 8.09          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 15              | Low               | 12.73              | -4.68                    | 8.05          | 0.006       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.99              | -4.68                    | 8.31          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13                 | -4.68                    | 8.32          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.94              | -4.68                    | 8.26          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 8               | Low               | 11.84              | -4.68                    | 7.16          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 8               | Mid               | 11.85              | -4.68                    | 7.17          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 8               | High              | 11.76              | -4.68                    | 7.08          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 15              | Low               | 11.73              | -4.68                    | 7.05          | 0.005       | 1.000        | Pass    |
|                    | HCH           | QPSK             | 1               | Low               | 13.44              | -4.68                    | 8.76          | 0.008       | 1.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 4</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    |               |                  | 1               | Mid               | 13.52              | -4.68                    | 8.84          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.46              | -4.68                    | 8.78          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 8               | Low               | 12.76              | -4.68                    | 8.08          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 8               | Mid               | 12.78              | -4.68                    | 8.10          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 8               | High              | 12.72              | -4.68                    | 8.04          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 15              | Low               | 12.71              | -4.68                    | 8.03          | 0.006       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.51              | -4.68                    | 7.83          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.55              | -4.68                    | 7.87          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.48              | -4.68                    | 7.80          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 8               | Low               | 11.78              | -4.68                    | 7.10          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 8               | Mid               | 11.77              | -4.68                    | 7.09          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 8               | High              | 11.72              | -4.68                    | 7.04          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 15              | Low               | 11.73              | -4.68                    | 7.05          | 0.005       | 1.000        | Pass    |
|                    |               |                  |                 |                   |                    |                          |               |             |              |         |
| 5                  | LCH           | QPSK             | 1               | Low               | 13.9               | -4.68                    | 9.22          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.93              | -4.68                    | 9.25          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.89              | -4.68                    | 9.21          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.78              | -4.68                    | 8.10          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.83              | -4.68                    | 8.15          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 12              | High              | 12.8               | -4.68                    | 8.12          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.8               | -4.68                    | 8.12          | 0.006       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.94              | -4.68                    | 8.26          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.03              | -4.68                    | 8.35          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.01              | -4.68                    | 8.33          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.79              | -4.68                    | 7.11          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.82              | -4.68                    | 7.14          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 12              | High              | 11.79              | -4.68                    | 7.11          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.79              | -4.68                    | 7.11          | 0.005       | 1.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.87              | -4.68                    | 9.19          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.85              | -4.68                    | 9.17          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.86              | -4.68                    | 9.18          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.77              | -4.68                    | 8.09          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.83              | -4.68                    | 8.15          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 12              | High              | 12.85              | -4.68                    | 8.17          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.83              | -4.68                    | 8.15          | 0.007       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.44              | -4.68                    | 8.76          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.46              | -4.68                    | 8.78          | 0.008       | 1.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 4</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    | HCH           |                  | 1               | High              | 13.39              | -4.68                    | 8.71          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.9               | -4.68                    | 7.22          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.96              | -4.68                    | 7.28          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 12              | High              | 11.98              | -4.68                    | 7.30          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.97              | -4.68                    | 7.29          | 0.005       | 1.000        | Pass    |
|                    |               | QPSK             | 1               | Low               | 13.85              | -4.68                    | 9.17          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.89              | -4.68                    | 9.21          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.87              | -4.68                    | 9.19          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.84              | -4.68                    | 8.16          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.84              | -4.68                    | 8.16          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 12              | High              | 12.83              | -4.68                    | 8.15          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.82              | -4.68                    | 8.14          | 0.007       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.87              | -4.68                    | 8.19          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.94              | -4.68                    | 8.26          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.93              | -4.68                    | 8.25          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.84              | -4.68                    | 7.16          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.87              | -4.68                    | 7.19          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 12              | High              | 11.85              | -4.68                    | 7.17          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.83              | -4.68                    | 7.15          | 0.005       | 1.000        | Pass    |
| 10                 | LCH           | QPSK             | 1               | Low               | 13.81              | -4.68                    | 9.13          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.91              | -4.68                    | 9.23          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.95              | -4.68                    | 9.27          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.84              | -4.68                    | 8.16          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Mid               | 12.93              | -4.68                    | 8.25          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | High              | 12.92              | -4.68                    | 8.24          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 50              | Low               | 12.82              | -4.68                    | 8.14          | 0.007       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.72              | -4.68                    | 8.04          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.85              | -4.68                    | 8.17          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.87              | -4.68                    | 8.19          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.79              | -4.68                    | 7.11          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | Mid               | 11.94              | -4.68                    | 7.26          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | High              | 11.92              | -4.68                    | 7.24          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 50              | Low               | 11.82              | -4.68                    | 7.14          | 0.005       | 1.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.94              | -4.68                    | 9.26          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 14.04              | -4.68                    | 9.36          | 0.009       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.93              | -4.68                    | 9.25          | 0.008       | 1.000        | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 4</b>  |               |                  |                 |                   |                    |                          |               |             |              |         |
|                    |               |                  | 25              | Low               | 12.82              | -4.68                    | 8.14          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Mid               | 12.87              | -4.68                    | 8.19          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | High              | 12.9               | -4.68                    | 8.22          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 50              | Low               | 12.84              | -4.68                    | 8.16          | 0.007       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.36              | -4.68                    | 8.68          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.46              | -4.68                    | 8.78          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.34              | -4.68                    | 8.66          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.8               | -4.68                    | 7.12          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | Mid               | 11.97              | -4.68                    | 7.29          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | High              | 11.97              | -4.68                    | 7.29          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 50              | Low               | 11.83              | -4.68                    | 7.15          | 0.005       | 1.000        | Pass    |
|                    | HCH           | QPSK             | 1               | Low               | 13.81              | -4.68                    | 9.13          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.9               | -4.68                    | 9.22          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.84              | -4.68                    | 9.16          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.85              | -4.68                    | 8.17          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Mid               | 12.91              | -4.68                    | 8.23          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | High              | 12.83              | -4.68                    | 8.15          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 50              | Low               | 12.82              | -4.68                    | 8.14          | 0.007       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.88              | -4.68                    | 8.20          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.98              | -4.68                    | 8.30          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.91              | -4.68                    | 8.23          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.91              | -4.68                    | 7.23          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | Mid               | 11.98              | -4.68                    | 7.30          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 25              | High              | 11.93              | -4.68                    | 7.25          | 0.005       | 1.000        | Pass    |
|                    |               |                  | 50              | Low               | 11.83              | -4.68                    | 7.15          | 0.005       | 1.000        | Pass    |
| 15                 | LCH           | QPSK             | 1               | Low               | 13.82              | -4.68                    | 9.14          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.9               | -4.68                    | 9.22          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 13.91              | -4.68                    | 9.23          | 0.008       | 1.000        | Pass    |
|                    |               |                  | 36              | Low               | 12.86              | -4.68                    | 8.18          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 36              | Mid               | 12.97              | -4.68                    | 8.29          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 36              | High              | 12.98              | -4.68                    | 8.30          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 75              | Low               | 12.91              | -4.68                    | 8.23          | 0.007       | 1.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 12.69              | -4.68                    | 8.01          | 0.006       | 1.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.82              | -4.68                    | 8.14          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 1               | High              | 12.88              | -4.68                    | 8.20          | 0.007       | 1.000        | Pass    |
|                    |               |                  | 36              | Low               | 11.81              | -4.68                    | 7.13          | 0.005       | 1.000        | Pass    |

| Bandwidth (MHz)   | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measure d (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------|------------|---------------|--------------|----------------|-----------------|--------------------|------------|----------|-----------|---------|
| <b>LTE BAND 4</b> |            |               |              |                |                 |                    |            |          |           |         |
|                   | MCH        | QPSK          | 36           | Mid            | 11.92           | -4.68              | 7.24       | 0.005    | 1.000     | Pass    |
|                   |            |               | 36           | High           | 11.94           | -4.68              | 7.26       | 0.005    | 1.000     | Pass    |
|                   |            |               | 75           | Low            | 11.88           | -4.68              | 7.20       | 0.005    | 1.000     | Pass    |
|                   |            |               | 1            | Low            | 13.95           | -4.68              | 9.27       | 0.008    | 1.000     | Pass    |
|                   |            |               | 1            | Mid            | 13.92           | -4.68              | 9.24       | 0.008    | 1.000     | Pass    |
|                   |            |               | 1            | High           | 13.94           | -4.68              | 9.26       | 0.008    | 1.000     | Pass    |
|                   |            |               | 36           | Low            | 12.83           | -4.68              | 8.15       | 0.007    | 1.000     | Pass    |
|                   |            |               | 36           | Mid            | 12.93           | -4.68              | 8.25       | 0.007    | 1.000     | Pass    |
|                   |            |               | 36           | High           | 12.98           | -4.68              | 8.30       | 0.007    | 1.000     | Pass    |
|                   |            |               | 75           | Low            | 12.93           | -4.68              | 8.25       | 0.007    | 1.000     | Pass    |
|                   |            | Q16           | 1            | Low            | 13.32           | -4.68              | 8.64       | 0.007    | 1.000     | Pass    |
|                   |            |               | 1            | Mid            | 13.36           | -4.68              | 8.68       | 0.007    | 1.000     | Pass    |
|                   |            |               | 1            | High           | 13.33           | -4.68              | 8.65       | 0.007    | 1.000     | Pass    |
|                   |            |               | 36           | Low            | 11.92           | -4.68              | 7.24       | 0.005    | 1.000     | Pass    |
|                   |            |               | 36           | Mid            | 11.97           | -4.68              | 7.29       | 0.005    | 1.000     | Pass    |
|                   |            |               | 36           | High           | 12.02           | -4.68              | 7.34       | 0.005    | 1.000     | Pass    |
|                   |            |               | 75           | Low            | 11.91           | -4.68              | 7.23       | 0.005    | 1.000     | Pass    |
|                   | HCH        | QPSK          | 1            | Low            | 13.85           | -4.68              | 9.17       | 0.008    | 1.000     | Pass    |
|                   |            |               | 1            | Mid            | 13.98           | -4.68              | 9.30       | 0.009    | 1.000     | Pass    |
|                   |            |               | 1            | High           | 13.93           | -4.68              | 9.25       | 0.008    | 1.000     | Pass    |
|                   |            |               | 36           | Low            | 12.9            | -4.68              | 8.22       | 0.007    | 1.000     | Pass    |
|                   |            |               | 36           | Mid            | 12.95           | -4.68              | 8.27       | 0.007    | 1.000     | Pass    |
|                   |            |               | 36           | High           | 12.93           | -4.68              | 8.25       | 0.007    | 1.000     | Pass    |
|                   |            |               | 75           | Low            | 12.91           | -4.68              | 8.23       | 0.007    | 1.000     | Pass    |
|                   |            | Q16           | 1            | Low            | 13.3            | -4.68              | 8.62       | 0.007    | 1.000     | Pass    |
|                   |            |               | 1            | Mid            | 13.29           | -4.68              | 8.61       | 0.007    | 1.000     | Pass    |
|                   |            |               | 1            | High           | 13.36           | -4.68              | 8.68       | 0.007    | 1.000     | Pass    |
|                   |            |               | 36           | Low            | 11.85           | -4.68              | 7.17       | 0.005    | 1.000     | Pass    |
|                   |            |               | 36           | Mid            | 11.88           | -4.68              | 7.20       | 0.005    | 1.000     | Pass    |
|                   |            |               | 36           | High           | 11.91           | -4.68              | 7.23       | 0.005    | 1.000     | Pass    |
|                   |            |               | 75           | Low            | 11.84           | -4.68              | 7.16       | 0.005    | 1.000     | Pass    |
| 20                | LCH        | QPSK          | 1            | Low            | 13.76           | -4.68              | 9.08       | 0.008    | 1.000     | Pass    |
|                   |            |               | 1            | Mid            | 13.98           | -4.68              | 9.30       | 0.009    | 1.000     | Pass    |
|                   |            |               | 1            | High           | 13.96           | -4.68              | 9.28       | 0.008    | 1.000     | Pass    |
|                   |            |               | 50           | Low            | 12.85           | -4.68              | 8.17       | 0.007    | 1.000     | Pass    |
|                   |            |               | 50           | Mid            | 12.96           | -4.68              | 8.28       | 0.007    | 1.000     | Pass    |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| LTE BAND 4      |            |               |              |                |                |                    |            |          |           |         |
|                 |            |               | 50           | High           | 12.97          | -4.68              | 8.29       | 0.007    | 1.000     | Pass    |
|                 |            |               | 100          | Low            | 12.87          | -4.68              | 8.19       | 0.007    | 1.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.34          | -4.68              | 8.66       | 0.007    | 1.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.61          | -4.68              | 8.93       | 0.008    | 1.000     | Pass    |
|                 |            |               | 1            | High           | 13.55          | -4.68              | 8.87       | 0.008    | 1.000     | Pass    |
|                 |            |               | 50           | Low            | 11.79          | -4.68              | 7.11       | 0.005    | 1.000     | Pass    |
|                 |            |               | 50           | Mid            | 11.91          | -4.68              | 7.23       | 0.005    | 1.000     | Pass    |
|                 |            |               | 50           | High           | 11.97          | -4.68              | 7.29       | 0.005    | 1.000     | Pass    |
|                 |            |               | 100          | Low            | 11.89          | -4.68              | 7.21       | 0.005    | 1.000     | Pass    |
|                 | MCH        | QPSK          | 1            | Low            | 13.79          | -4.68              | 9.11       | 0.008    | 1.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.9           | -4.68              | 9.22       | 0.008    | 1.000     | Pass    |
|                 |            |               | 1            | High           | 13.9           | -4.68              | 9.22       | 0.008    | 1.000     | Pass    |
|                 |            |               | 50           | Low            | 12.83          | -4.68              | 8.15       | 0.007    | 1.000     | Pass    |
|                 |            |               | 50           | Mid            | 12.95          | -4.68              | 8.27       | 0.007    | 1.000     | Pass    |
|                 |            |               | 50           | High           | 12.99          | -4.68              | 8.31       | 0.007    | 1.000     | Pass    |
|                 |            |               | 100          | Low            | 12.89          | -4.68              | 8.21       | 0.007    | 1.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.37          | -4.68              | 8.69       | 0.007    | 1.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.5           | -4.68              | 8.82       | 0.008    | 1.000     | Pass    |
|                 |            |               | 1            | High           | 13.38          | -4.68              | 8.70       | 0.007    | 1.000     | Pass    |
|                 |            |               | 50           | Low            | 11.77          | -4.68              | 7.09       | 0.005    | 1.000     | Pass    |
|                 |            |               | 50           | Mid            | 11.89          | -4.68              | 7.21       | 0.005    | 1.000     | Pass    |
|                 |            |               | 50           | High           | 11.99          | -4.68              | 7.31       | 0.005    | 1.000     | Pass    |
|                 | HCH        | QPSK          | 100          | Low            | 11.88          | -4.68              | 7.20       | 0.005    | 1.000     | Pass    |
|                 |            |               | 1            | Low            | 13.75          | -4.68              | 9.07       | 0.008    | 1.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.94          | -4.68              | 9.26       | 0.008    | 1.000     | Pass    |
|                 |            |               | 1            | High           | 13.85          | -4.68              | 9.17       | 0.008    | 1.000     | Pass    |
|                 |            |               | 50           | Low            | 12.81          | -4.68              | 8.13       | 0.007    | 1.000     | Pass    |
|                 |            |               | 50           | Mid            | 12.94          | -4.68              | 8.26       | 0.007    | 1.000     | Pass    |
|                 |            |               | 50           | High           | 12.89          | -4.68              | 8.21       | 0.007    | 1.000     | Pass    |
|                 |            | Q16           | 100          | Low            | 12.85          | -4.68              | 8.17       | 0.007    | 1.000     | Pass    |
|                 |            |               | 1            | Low            | 13.23          | -4.68              | 8.55       | 0.007    | 1.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.35          | -4.68              | 8.67       | 0.007    | 1.000     | Pass    |
|                 |            |               | 1            | High           | 13.27          | -4.68              | 8.59       | 0.007    | 1.000     | Pass    |
|                 |            |               | 50           | Low            | 11.79          | -4.68              | 7.11       | 0.005    | 1.000     | Pass    |
|                 |            |               | 50           | Mid            | 11.91          | -4.68              | 7.23       | 0.005    | 1.000     | Pass    |
|                 |            |               | 50           | High           | 11.84          | -4.68              | 7.16       | 0.005    | 1.000     | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measured<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|-------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 4</b>  |               |                  |                 |                   |                   |                          |               |             |              |         |
|                    |               |                  | 100             | Low               | 11.79             | -4.68                    | 7.11          | 0.005       | 1.000        | Pass    |

| Bandwidth (MHz)   | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | Antenna Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------|------------|---------------|--------------|----------------|----------------|--------------------|--------------------|-----------|---------|-----------|---------|
| <b>LTE BAND 5</b> |            |               |              |                |                |                    |                    |           |         |           |         |
| 1.4               | LCH        | QPSK          | 1            | Low            | 20.06          | -6.1               | -8.25              | 11.81     | 0.015   | 7.000     | Pass    |
|                   |            |               | 1            | Mid            | 20.13          | -6.1               | -8.25              | 11.88     | 0.015   | 7.000     | Pass    |
|                   |            |               | 1            | High           | 20.05          | -6.1               | -8.25              | 11.80     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | Low            | 20.05          | -6.1               | -8.25              | 11.80     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | Mid            | 20.07          | -6.1               | -8.25              | 11.82     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | High           | 20.06          | -6.1               | -8.25              | 11.81     | 0.015   | 7.000     | Pass    |
|                   |            |               | 6            | Low            | 19.28          | -6.1               | -8.25              | 11.03     | 0.013   | 7.000     | Pass    |
|                   |            | Q16           | 1            | Low            | 19.17          | -6.1               | -8.25              | 10.92     | 0.012   | 7.000     | Pass    |
|                   |            |               | 1            | Mid            | 19.26          | -6.1               | -8.25              | 11.01     | 0.013   | 7.000     | Pass    |
|                   |            |               | 1            | High           | 19.2           | -6.1               | -8.25              | 10.95     | 0.012   | 7.000     | Pass    |
|                   |            |               | 3            | Low            | 19.02          | -6.1               | -8.25              | 10.77     | 0.012   | 7.000     | Pass    |
|                   |            |               | 3            | Mid            | 19.08          | -6.1               | -8.25              | 10.83     | 0.012   | 7.000     | Pass    |
|                   |            |               | 3            | High           | 19.05          | -6.1               | -8.25              | 10.80     | 0.012   | 7.000     | Pass    |
|                   |            |               | 6            | Low            | 18.42          | -6.1               | -8.25              | 10.17     | 0.010   | 7.000     | Pass    |
|                   | MCH        | QPSK          | 1            | Low            | 19.95          | -6.1               | -8.25              | 11.70     | 0.015   | 7.000     | Pass    |
|                   |            |               | 1            | Mid            | 20.02          | -6.1               | -8.25              | 11.77     | 0.015   | 7.000     | Pass    |
|                   |            |               | 1            | High           | 19.91          | -6.1               | -8.25              | 11.66     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | Low            | 20.04          | -6.1               | -8.25              | 11.79     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | Mid            | 20.12          | -6.1               | -8.25              | 11.87     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | High           | 20             | -6.1               | -8.25              | 11.75     | 0.015   | 7.000     | Pass    |
|                   |            |               | 6            | Low            | 19.23          | -6.1               | -8.25              | 10.98     | 0.013   | 7.000     | Pass    |
|                   |            | Q16           | 1            | Low            | 19.61          | -6.1               | -8.25              | 11.36     | 0.014   | 7.000     | Pass    |
|                   |            |               | 1            | Mid            | 19.65          | -6.1               | -8.25              | 11.40     | 0.014   | 7.000     | Pass    |
|                   |            |               | 1            | High           | 19.65          | -6.1               | -8.25              | 11.40     | 0.014   | 7.000     | Pass    |
|                   |            |               | 3            | Low            | 19.26          | -6.1               | -8.25              | 11.01     | 0.013   | 7.000     | Pass    |
|                   |            |               | 3            | Mid            | 19.28          | -6.1               | -8.25              | 11.03     | 0.013   | 7.000     | Pass    |
|                   |            |               | 3            | High           | 19.27          | -6.1               | -8.25              | 11.02     | 0.013   | 7.000     | Pass    |
|                   |            |               | 6            | Low            | 18.21          | -6.1               | -8.25              | 9.96      | 0.010   | 7.000     | Pass    |
|                   | HCH        | QPSK          | 1            | Low            | 19.82          | -6.1               | -8.25              | 11.57     | 0.014   | 7.000     | Pass    |
|                   |            |               | 1            | Mid            | 19.91          | -6.1               | -8.25              | 11.66     | 0.015   | 7.000     | Pass    |
|                   |            |               | 1            | High           | 19.85          | -6.1               | -8.25              | 11.60     | 0.014   | 7.000     | Pass    |
|                   |            |               | 3            | Low            | 20.02          | -6.1               | -8.25              | 11.77     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | Mid            | 20.04          | -6.1               | -8.25              | 11.79     | 0.015   | 7.000     | Pass    |
|                   |            |               | 3            | High           | 20.05          | -6.1               | -8.25              | 11.80     | 0.015   | 7.000     | Pass    |
|                   |            |               | 6            | Low            | 19.25          | -6.1               | -8.25              | 11.00     | 0.013   | 7.000     | Pass    |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | Antenna Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|--------------------|-----------|---------|-----------|---------|
| LTE BAND 5      |            |               |              |                |                |                    |                    |           |         |           |         |
|                 |            | Q16           | 1            | Low            | 19.01          | -6.1               | -8.25              | 10.76     | 0.012   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 19.12          | -6.1               | -8.25              | 10.87     | 0.012   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19.09          | -6.1               | -8.25              | 10.84     | 0.012   | 7.000     | Pass    |
|                 |            |               | 3            | Low            | 19.18          | -6.1               | -8.25              | 10.93     | 0.012   | 7.000     | Pass    |
|                 |            |               | 3            | Mid            | 19.22          | -6.1               | -8.25              | 10.97     | 0.013   | 7.000     | Pass    |
|                 |            |               | 3            | High           | 19.2           | -6.1               | -8.25              | 10.95     | 0.012   | 7.000     | Pass    |
|                 |            |               | 6            | Low            | 18.55          | -6.1               | -8.25              | 10.30     | 0.011   | 7.000     | Pass    |
| 3               | LCH        | QPSK          | 1            | Low            | 19.95          | -6.1               | -8.25              | 11.70     | 0.015   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 20.05          | -6.1               | -8.25              | 11.80     | 0.015   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19.97          | -6.1               | -8.25              | 11.72     | 0.015   | 7.000     | Pass    |
|                 |            |               | 8            | Low            | 19.35          | -6.1               | -8.25              | 11.10     | 0.013   | 7.000     | Pass    |
|                 |            |               | 8            | Mid            | 19.37          | -6.1               | -8.25              | 11.12     | 0.013   | 7.000     | Pass    |
|                 |            |               | 8            | High           | 19.33          | -6.1               | -8.25              | 11.08     | 0.013   | 7.000     | Pass    |
|                 |            |               | 15           | Low            | 19.32          | -6.1               | -8.25              | 11.07     | 0.013   | 7.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 18.98          | -6.1               | -8.25              | 10.73     | 0.012   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 19.07          | -6.1               | -8.25              | 10.82     | 0.012   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19             | -6.1               | -8.25              | 10.75     | 0.012   | 7.000     | Pass    |
|                 |            |               | 8            | Low            | 18.42          | -6.1               | -8.25              | 10.17     | 0.010   | 7.000     | Pass    |
|                 |            |               | 8            | Mid            | 18.44          | -6.1               | -8.25              | 10.19     | 0.010   | 7.000     | Pass    |
|                 |            |               | 8            | High           | 18.35          | -6.1               | -8.25              | 10.10     | 0.010   | 7.000     | Pass    |
|                 |            |               | 15           | Low            | 18.32          | -6.1               | -8.25              | 10.07     | 0.010   | 7.000     | Pass    |
|                 | MCH        | QPSK          | 1            | Low            | 20.09          | -6.1               | -8.25              | 11.84     | 0.015   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 20.15          | -6.1               | -8.25              | 11.90     | 0.015   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 20.03          | -6.1               | -8.25              | 11.78     | 0.015   | 7.000     | Pass    |
|                 |            |               | 8            | Low            | 19.38          | -6.1               | -8.25              | 11.13     | 0.013   | 7.000     | Pass    |
|                 |            |               | 8            | Mid            | 19.41          | -6.1               | -8.25              | 11.16     | 0.013   | 7.000     | Pass    |
|                 |            |               | 8            | High           | 19.33          | -6.1               | -8.25              | 11.08     | 0.013   | 7.000     | Pass    |
|                 |            |               | 15           | Low            | 19.31          | -6.1               | -8.25              | 11.06     | 0.013   | 7.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 19.53          | -6.1               | -8.25              | 11.28     | 0.013   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 19.64          | -6.1               | -8.25              | 11.39     | 0.014   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19.46          | -6.1               | -8.25              | 11.21     | 0.013   | 7.000     | Pass    |
|                 |            |               | 8            | Low            | 18.48          | -6.1               | -8.25              | 10.23     | 0.011   | 7.000     | Pass    |
|                 |            |               | 8            | Mid            | 18.48          | -6.1               | -8.25              | 10.23     | 0.011   | 7.000     | Pass    |
|                 |            |               | 8            | High           | 18.37          | -6.1               | -8.25              | 10.12     | 0.010   | 7.000     | Pass    |
|                 |            |               | 15           | Low            | 18.37          | -6.1               | -8.25              | 10.12     | 0.010   | 7.000     | Pass    |
|                 | HCH        | QPSK          | 1            | Low            | 19.97          | -6.1               | -8.25              | 11.72     | 0.015   | 7.000     | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulati<br>on | UL RB<br>Numb<br>er | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | Antenn<br>a Gain<br>(dBd) | ERP<br>(dBm) | ERP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|----------------------|---------------------|-------------------|--------------------|--------------------------|---------------------------|--------------|------------|--------------|---------|
| LTE BAND 5         |               |                      |                     |                   |                    |                          |                           |              |            |              |         |
|                    |               |                      | 1                   | Mid               | 20.06              | -6.1                     | -8.25                     | 11.81        | 0.015      | 7.000        | Pass    |
|                    |               |                      | 1                   | High              | 20.01              | -6.1                     | -8.25                     | 11.76        | 0.015      | 7.000        | Pass    |
|                    |               |                      | 8                   | Low               | 19.34              | -6.1                     | -8.25                     | 11.09        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 8                   | Mid               | 19.38              | -6.1                     | -8.25                     | 11.13        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 8                   | High              | 19.31              | -6.1                     | -8.25                     | 11.06        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 15                  | Low               | 19.32              | -6.1                     | -8.25                     | 11.07        | 0.013      | 7.000        | Pass    |
|                    |               | Q16                  | 1                   | Low               | 19.12              | -6.1                     | -8.25                     | 10.87        | 0.012      | 7.000        | Pass    |
|                    |               |                      | 1                   | Mid               | 19.18              | -6.1                     | -8.25                     | 10.93        | 0.012      | 7.000        | Pass    |
|                    |               |                      | 1                   | High              | 19.12              | -6.1                     | -8.25                     | 10.87        | 0.012      | 7.000        | Pass    |
|                    |               |                      | 8                   | Low               | 18.37              | -6.1                     | -8.25                     | 10.12        | 0.010      | 7.000        | Pass    |
|                    |               |                      | 8                   | Mid               | 18.42              | -6.1                     | -8.25                     | 10.17        | 0.010      | 7.000        | Pass    |
|                    |               |                      | 8                   | High              | 18.34              | -6.1                     | -8.25                     | 10.09        | 0.010      | 7.000        | Pass    |
|                    |               |                      | 15                  | Low               | 18.32              | -6.1                     | -8.25                     | 10.07        | 0.010      | 7.000        | Pass    |
| 5                  | LCH           | QPSK                 | 1                   | Low               | 20.43              | -6.1                     | -8.25                     | 12.18        | 0.017      | 7.000        | Pass    |
|                    |               |                      | 1                   | Mid               | 20.46              | -6.1                     | -8.25                     | 12.21        | 0.017      | 7.000        | Pass    |
|                    |               |                      | 1                   | High              | 20.51              | -6.1                     | -8.25                     | 12.26        | 0.017      | 7.000        | Pass    |
|                    |               |                      | 12                  | Low               | 19.33              | -6.1                     | -8.25                     | 11.08        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 12                  | Mid               | 19.4               | -6.1                     | -8.25                     | 11.15        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 12                  | High              | 19.41              | -6.1                     | -8.25                     | 11.16        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 25                  | Low               | 19.4               | -6.1                     | -8.25                     | 11.15        | 0.013      | 7.000        | Pass    |
|                    |               | Q16                  | 1                   | Low               | 19.62              | -6.1                     | -8.25                     | 11.37        | 0.014      | 7.000        | Pass    |
|                    |               |                      | 1                   | Mid               | 19.64              | -6.1                     | -8.25                     | 11.39        | 0.014      | 7.000        | Pass    |
|                    |               |                      | 1                   | High              | 19.7               | -6.1                     | -8.25                     | 11.45        | 0.014      | 7.000        | Pass    |
|                    |               |                      | 12                  | Low               | 18.38              | -6.1                     | -8.25                     | 10.13        | 0.010      | 7.000        | Pass    |
|                    |               |                      | 12                  | Mid               | 18.47              | -6.1                     | -8.25                     | 10.22        | 0.011      | 7.000        | Pass    |
|                    |               |                      | 12                  | High              | 18.47              | -6.1                     | -8.25                     | 10.22        | 0.011      | 7.000        | Pass    |
|                    |               |                      | 25                  | Low               | 18.4               | -6.1                     | -8.25                     | 10.15        | 0.010      | 7.000        | Pass    |
|                    | MCH           | QPSK                 | 1                   | Low               | 20.51              | -6.1                     | -8.25                     | 12.26        | 0.017      | 7.000        | Pass    |
|                    |               |                      | 1                   | Mid               | 20.5               | -6.1                     | -8.25                     | 12.25        | 0.017      | 7.000        | Pass    |
|                    |               |                      | 1                   | High              | 20.49              | -6.1                     | -8.25                     | 12.24        | 0.017      | 7.000        | Pass    |
|                    |               |                      | 12                  | Low               | 19.4               | -6.1                     | -8.25                     | 11.15        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 12                  | Mid               | 19.44              | -6.1                     | -8.25                     | 11.19        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 12                  | High              | 19.41              | -6.1                     | -8.25                     | 11.16        | 0.013      | 7.000        | Pass    |
|                    |               |                      | 25                  | Low               | 19.45              | -6.1                     | -8.25                     | 11.20        | 0.013      | 7.000        | Pass    |
|                    |               | Q16                  | 1                   | Low               | 20.04              | -6.1                     | -8.25                     | 11.79        | 0.015      | 7.000        | Pass    |
|                    | 1             | Mid                  | 20.05               | -6.1              | -8.25              | 11.80                    | 0.015                     | 7.000        | Pass       |              |         |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | Antenna Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|--------------------|-----------|---------|-----------|---------|
| LTE BAND 5      |            |               |              |                |                |                    |                    |           |         |           |         |
| 10              | HCH        |               | 1            | High           | 20             | -6.1               | -8.25              | 11.75     | 0.015   | 7.000     | Pass    |
|                 |            |               | 12           | Low            | 18.54          | -6.1               | -8.25              | 10.29     | 0.011   | 7.000     | Pass    |
|                 |            |               | 12           | Mid            | 18.58          | -6.1               | -8.25              | 10.33     | 0.011   | 7.000     | Pass    |
|                 |            |               | 12           | High           | 18.51          | -6.1               | -8.25              | 10.26     | 0.011   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 18.56          | -6.1               | -8.25              | 10.31     | 0.011   | 7.000     | Pass    |
|                 |            | QPSK          | 1            | Low            | 20.46          | -6.1               | -8.25              | 12.21     | 0.017   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 20.42          | -6.1               | -8.25              | 12.17     | 0.016   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 20.43          | -6.1               | -8.25              | 12.18     | 0.017   | 7.000     | Pass    |
|                 |            |               | 12           | Low            | 19.46          | -6.1               | -8.25              | 11.21     | 0.013   | 7.000     | Pass    |
|                 |            |               | 12           | Mid            | 19.45          | -6.1               | -8.25              | 11.20     | 0.013   | 7.000     | Pass    |
|                 |            |               | 12           | High           | 19.34          | -6.1               | -8.25              | 11.09     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 19.44          | -6.1               | -8.25              | 11.19     | 0.013   | 7.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 19.51          | -6.1               | -8.25              | 11.26     | 0.013   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 19.52          | -6.1               | -8.25              | 11.27     | 0.013   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19.52          | -6.1               | -8.25              | 11.27     | 0.013   | 7.000     | Pass    |
|                 |            |               | 12           | Low            | 18.45          | -6.1               | -8.25              | 10.20     | 0.010   | 7.000     | Pass    |
|                 |            |               | 12           | Mid            | 18.47          | -6.1               | -8.25              | 10.22     | 0.011   | 7.000     | Pass    |
|                 |            |               | 12           | High           | 18.38          | -6.1               | -8.25              | 10.13     | 0.010   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 18.44          | -6.1               | -8.25              | 10.19     | 0.010   | 7.000     | Pass    |
|                 | LCH        | QPSK          | 1            | Low            | 20.41          | -6.1               | -8.25              | 12.16     | 0.016   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 20.55          | -6.1               | -8.25              | 12.30     | 0.017   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 20.5           | -6.1               | -8.25              | 12.25     | 0.017   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 19.33          | -6.1               | -8.25              | 11.08     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | Mid            | 19.5           | -6.1               | -8.25              | 11.25     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | High           | 19.5           | -6.1               | -8.25              | 11.25     | 0.013   | 7.000     | Pass    |
|                 |            |               | 50           | Low            | 19.39          | -6.1               | -8.25              | 11.14     | 0.013   | 7.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 19.39          | -6.1               | -8.25              | 11.14     | 0.013   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 19.54          | -6.1               | -8.25              | 11.29     | 0.013   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19.47          | -6.1               | -8.25              | 11.22     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 18.35          | -6.1               | -8.25              | 10.10     | 0.010   | 7.000     | Pass    |
|                 |            |               | 25           | Mid            | 18.49          | -6.1               | -8.25              | 10.24     | 0.011   | 7.000     | Pass    |
|                 |            |               | 25           | High           | 18.47          | -6.1               | -8.25              | 10.22     | 0.011   | 7.000     | Pass    |
|                 |            |               | 50           | Low            | 18.34          | -6.1               | -8.25              | 10.09     | 0.010   | 7.000     | Pass    |
|                 | MCH        | QPSK          | 1            | Low            | 20.55          | -6.1               | -8.25              | 12.30     | 0.017   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 20.6           | -6.1               | -8.25              | 12.35     | 0.017   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 20.54          | -6.1               | -8.25              | 12.29     | 0.017   | 7.000     | Pass    |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measure d (dBm) | Antenna Gain (dBi) | Antenn a Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|-----------------|--------------------|---------------------|-----------|---------|-----------|---------|
| LTE BAND 5      |            |               |              |                |                 |                    |                     |           |         |           |         |
|                 |            |               | 25           | Low            | 19.44           | -6.1               | -8.25               | 11.19     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | Mid            | 19.52           | -6.1               | -8.25               | 11.27     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | High           | 19.43           | -6.1               | -8.25               | 11.18     | 0.013   | 7.000     | Pass    |
|                 |            |               | 50           | Low            | 19.46           | -6.1               | -8.25               | 11.21     | 0.013   | 7.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 19.92           | -6.1               | -8.25               | 11.67     | 0.015   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 20              | -6.1               | -8.25               | 11.75     | 0.015   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19.96           | -6.1               | -8.25               | 11.71     | 0.015   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 18.48           | -6.1               | -8.25               | 10.23     | 0.011   | 7.000     | Pass    |
|                 |            |               | 25           | Mid            | 18.56           | -6.1               | -8.25               | 10.31     | 0.011   | 7.000     | Pass    |
|                 |            |               | 25           | High           | 18.48           | -6.1               | -8.25               | 10.23     | 0.011   | 7.000     | Pass    |
|                 |            |               | 50           | Low            | 18.46           | -6.1               | -8.25               | 10.21     | 0.010   | 7.000     | Pass    |
|                 | HCH        | QPSK          | 1            | Low            | 20.44           | -6.1               | -8.25               | 12.19     | 0.017   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 20.47           | -6.1               | -8.25               | 12.22     | 0.017   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 20.4            | -6.1               | -8.25               | 12.15     | 0.016   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 19.44           | -6.1               | -8.25               | 11.19     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | Mid            | 19.48           | -6.1               | -8.25               | 11.23     | 0.013   | 7.000     | Pass    |
|                 |            |               | 25           | High           | 19.32           | -6.1               | -8.25               | 11.07     | 0.013   | 7.000     | Pass    |
|                 |            |               | 50           | Low            | 19.39           | -6.1               | -8.25               | 11.14     | 0.013   | 7.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 19.52           | -6.1               | -8.25               | 11.27     | 0.013   | 7.000     | Pass    |
|                 |            |               | 1            | Mid            | 19.56           | -6.1               | -8.25               | 11.31     | 0.014   | 7.000     | Pass    |
|                 |            |               | 1            | High           | 19.56           | -6.1               | -8.25               | 11.31     | 0.014   | 7.000     | Pass    |
|                 |            |               | 25           | Low            | 18.47           | -6.1               | -8.25               | 10.22     | 0.011   | 7.000     | Pass    |
|                 |            |               | 25           | Mid            | 18.58           | -6.1               | -8.25               | 10.33     | 0.011   | 7.000     | Pass    |
|                 |            |               | 25           | High           | 18.43           | -6.1               | -8.25               | 10.18     | 0.010   | 7.000     | Pass    |
|                 |            |               | 50           | Low            | 18.4            | -6.1               | -8.25               | 10.15     | 0.010   | 7.000     | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measured<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|-------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 7</b>  |               |                  |                 |                   |                   |                          |               |             |              |         |
| 5                  | LCH           | QPSK             | 1               | Low               | 13.77             | -3.11                    | 10.66         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.77             | -3.11                    | 10.66         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.76             | -3.11                    | 10.65         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.66             | -3.11                    | 9.55          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.73             | -3.11                    | 9.62          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 12.71             | -3.11                    | 9.60          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.74             | -3.11                    | 9.63          | 0.009       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.02             | -3.11                    | 9.91          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 12.98             | -3.11                    | 9.87          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 12.98             | -3.11                    | 9.87          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.8              | -3.11                    | 8.69          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.89             | -3.11                    | 8.78          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 11.84             | -3.11                    | 8.73          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.72             | -3.11                    | 8.61          | 0.007       | 2.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.81             | -3.11                    | 10.70         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.81             | -3.11                    | 10.70         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.84             | -3.11                    | 10.73         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.75             | -3.11                    | 9.64          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.77             | -3.11                    | 9.66          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 12.78             | -3.11                    | 9.67          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.79             | -3.11                    | 9.68          | 0.009       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.31             | -3.11                    | 10.20         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.38             | -3.11                    | 10.27         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.38             | -3.11                    | 10.27         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 11.89             | -3.11                    | 8.78          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 11.92             | -3.11                    | 8.81          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 11.9              | -3.11                    | 8.79          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 11.9              | -3.11                    | 8.79          | 0.008       | 2.000        | Pass    |
|                    | HCH           | QPSK             | 1               | Low               | 13.77             | -3.11                    | 10.66         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.83             | -3.11                    | 10.72         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.82             | -3.11                    | 10.71         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 12              | Low               | 12.79             | -3.11                    | 9.68          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 12              | Mid               | 12.81             | -3.11                    | 9.70          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 12              | High              | 12.79             | -3.11                    | 9.68          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 25              | Low               | 12.8              | -3.11                    | 9.69          | 0.009       | 2.000        | Pass    |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| LTE BAND 7      |            |               |              |                |                |                    |            |          |           |         |
|                 |            | Q16           | 1            | Low            | 12.84          | -3.11              | 9.73       | 0.009    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 12.94          | -3.11              | 9.83       | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 12.86          | -3.11              | 9.75       | 0.009    | 2.000     | Pass    |
|                 |            |               | 12           | Low            | 11.8           | -3.11              | 8.69       | 0.007    | 2.000     | Pass    |
|                 |            |               | 12           | Mid            | 11.8           | -3.11              | 8.69       | 0.007    | 2.000     | Pass    |
|                 |            |               | 12           | High           | 11.82          | -3.11              | 8.71       | 0.007    | 2.000     | Pass    |
|                 |            |               | 25           | Low            | 11.81          | -3.11              | 8.70       | 0.007    | 2.000     | Pass    |
| 10              | LCH        | QPSK          | 1            | Low            | 13.75          | -3.11              | 10.64      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.8           | -3.11              | 10.69      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.87          | -3.11              | 10.76      | 0.012    | 2.000     | Pass    |
|                 |            |               | 25           | Low            | 12.74          | -3.11              | 9.63       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | Mid            | 12.81          | -3.11              | 9.70       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | High           | 12.8           | -3.11              | 9.69       | 0.009    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 12.74          | -3.11              | 9.63       | 0.009    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 12.7           | -3.11              | 9.59       | 0.009    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 12.71          | -3.11              | 9.60       | 0.009    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 12.72          | -3.11              | 9.61       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | Low            | 11.69          | -3.11              | 8.58       | 0.007    | 2.000     | Pass    |
|                 |            |               | 25           | Mid            | 11.74          | -3.11              | 8.63       | 0.007    | 2.000     | Pass    |
|                 |            |               | 25           | High           | 11.76          | -3.11              | 8.65       | 0.007    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.68          | -3.11              | 8.57       | 0.007    | 2.000     | Pass    |
|                 | MCH        | QPSK          | 1            | Low            | 13.85          | -3.11              | 10.74      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.91          | -3.11              | 10.80      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.91          | -3.11              | 10.80      | 0.012    | 2.000     | Pass    |
|                 |            |               | 25           | Low            | 12.8           | -3.11              | 9.69       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | Mid            | 12.86          | -3.11              | 9.75       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | High           | 12.84          | -3.11              | 9.73       | 0.009    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 12.85          | -3.11              | 9.74       | 0.009    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.22          | -3.11              | 10.11      | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.28          | -3.11              | 10.17      | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.27          | -3.11              | 10.16      | 0.010    | 2.000     | Pass    |
|                 |            |               | 25           | Low            | 11.86          | -3.11              | 8.75       | 0.007    | 2.000     | Pass    |
|                 |            |               | 25           | Mid            | 11.94          | -3.11              | 8.83       | 0.008    | 2.000     | Pass    |
|                 |            |               | 25           | High           | 11.85          | -3.11              | 8.74       | 0.007    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.84          | -3.11              | 8.73       | 0.007    | 2.000     | Pass    |
|                 | HCH        | QPSK          | 1            | Low            | 13.71          | -3.11              | 10.60      | 0.011    | 2.000     | Pass    |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| LTE BAND 7      |            |               |              |                |                |                    |            |          |           |         |
|                 |            |               | 1            | Mid            | 13.79          | -3.11              | 10.68      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.81          | -3.11              | 10.70      | 0.012    | 2.000     | Pass    |
|                 |            |               | 25           | Low            | 12.8           | -3.11              | 9.69       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | Mid            | 12.85          | -3.11              | 9.74       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | High           | 12.84          | -3.11              | 9.73       | 0.009    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 12.81          | -3.11              | 9.70       | 0.009    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 12.78          | -3.11              | 9.67       | 0.009    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 12.89          | -3.11              | 9.78       | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 12.84          | -3.11              | 9.73       | 0.009    | 2.000     | Pass    |
|                 |            |               | 25           | Low            | 11.88          | -3.11              | 8.77       | 0.008    | 2.000     | Pass    |
|                 |            |               | 25           | Mid            | 11.94          | -3.11              | 8.83       | 0.008    | 2.000     | Pass    |
|                 |            |               | 25           | High           | 11.93          | -3.11              | 8.82       | 0.008    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.81          | -3.11              | 8.70       | 0.007    | 2.000     | Pass    |
|                 |            |               | 1            | Low            | 13.77          | -3.11              | 10.66      | 0.012    | 2.000     | Pass    |
| 15              | LCH        | QPSK          | 1            | Mid            | 13.84          | -3.11              | 10.73      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.79          | -3.11              | 10.68      | 0.012    | 2.000     | Pass    |
|                 |            |               | 36           | Low            | 12.69          | -3.11              | 9.58       | 0.009    | 2.000     | Pass    |
|                 |            |               | 36           | Mid            | 12.8           | -3.11              | 9.69       | 0.009    | 2.000     | Pass    |
|                 |            |               | 36           | High           | 12.8           | -3.11              | 9.69       | 0.009    | 2.000     | Pass    |
|                 |            |               | 75           | Low            | 12.87          | -3.11              | 9.76       | 0.009    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 12.65          | -3.11              | 9.54       | 0.009    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 12.72          | -3.11              | 9.61       | 0.009    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 12.66          | -3.11              | 9.55       | 0.009    | 2.000     | Pass    |
|                 |            |               | 36           | Low            | 11.7           | -3.11              | 8.59       | 0.007    | 2.000     | Pass    |
|                 |            |               | 36           | Mid            | 11.77          | -3.11              | 8.66       | 0.007    | 2.000     | Pass    |
|                 |            |               | 36           | High           | 11.76          | -3.11              | 8.65       | 0.007    | 2.000     | Pass    |
|                 |            |               | 75           | Low            | 11.75          | -3.11              | 8.64       | 0.007    | 2.000     | Pass    |
|                 | MCH        | QPSK          | 1            | Low            | 13.78          | -3.11              | 10.67      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.86          | -3.11              | 10.75      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.86          | -3.11              | 10.75      | 0.012    | 2.000     | Pass    |
|                 |            |               | 36           | Low            | 12.79          | -3.11              | 9.68       | 0.009    | 2.000     | Pass    |
|                 |            |               | 36           | Mid            | 12.82          | -3.11              | 9.71       | 0.009    | 2.000     | Pass    |
|                 |            |               | 36           | High           | 12.83          | -3.11              | 9.72       | 0.009    | 2.000     | Pass    |
|                 |            |               | 75           | Low            | 12.88          | -3.11              | 9.77       | 0.009    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.14          | -3.11              | 10.03      | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.25          | -3.11              | 10.14      | 0.010    | 2.000     | Pass    |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measured<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|-------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 7</b>  |               |                  |                 |                   |                   |                          |               |             |              |         |
|                    | HCH           |                  | 1               | High              | 13.21             | -3.11                    | 10.10         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 11.81             | -3.11                    | 8.70          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 11.87             | -3.11                    | 8.76          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 11.87             | -3.11                    | 8.76          | 0.008       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 11.86             | -3.11                    | 8.75          | 0.007       | 2.000        | Pass    |
|                    |               | QPSK             | 1               | Low               | 13.72             | -3.11                    | 10.61         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.78             | -3.11                    | 10.67         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.84             | -3.11                    | 10.73         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 12.73             | -3.11                    | 9.62          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 12.78             | -3.11                    | 9.67          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 12.78             | -3.11                    | 9.67          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 12.8              | -3.11                    | 9.69          | 0.009       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.07             | -3.11                    | 9.96          | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.18             | -3.11                    | 10.07         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.21             | -3.11                    | 10.10         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 11.76             | -3.11                    | 8.65          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 11.76             | -3.11                    | 8.65          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 11.79             | -3.11                    | 8.68          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 11.77             | -3.11                    | 8.66          | 0.007       | 2.000        | Pass    |
|                    | LCH           | QPSK             | 1               | Low               | 13.7              | -3.11                    | 10.59         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.83             | -3.11                    | 10.72         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.72             | -3.11                    | 10.61         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 12.63             | -3.11                    | 9.52          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 50              | Mid               | 12.81             | -3.11                    | 9.70          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 50              | High              | 12.73             | -3.11                    | 9.62          | 0.009       | 2.000        | Pass    |
|                    |               |                  | 100             | Low               | 12.69             | -3.11                    | 9.58          | 0.009       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 13.2              | -3.11                    | 10.09         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.33             | -3.11                    | 10.22         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.27             | -3.11                    | 10.16         | 0.010       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 11.64             | -3.11                    | 8.53          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 50              | Mid               | 11.77             | -3.11                    | 8.66          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 50              | High              | 11.72             | -3.11                    | 8.61          | 0.007       | 2.000        | Pass    |
|                    |               |                  | 100             | Low               | 11.68             | -3.11                    | 8.57          | 0.007       | 2.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 13.64             | -3.11                    | 10.53         | 0.011       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 13.85             | -3.11                    | 10.74         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 13.78             | -3.11                    | 10.67         | 0.012       | 2.000        | Pass    |

| Bandwidth (MHz) | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| LTE BAND 7      |            |               |              |                |                |                    |            |          |           |         |
|                 |            |               | 50           | Low            | 12.73          | -3.11              | 9.62       | 0.009    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 12.84          | -3.11              | 9.73       | 0.009    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 12.84          | -3.11              | 9.73       | 0.009    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 12.77          | -3.11              | 9.66       | 0.009    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.18          | -3.11              | 10.07      | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.38          | -3.11              | 10.27      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.32          | -3.11              | 10.21      | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.74          | -3.11              | 8.63       | 0.007    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 11.85          | -3.11              | 8.74       | 0.007    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 11.83          | -3.11              | 8.72       | 0.007    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 11.8           | -3.11              | 8.69       | 0.007    | 2.000     | Pass    |
|                 | HCH        | QPSK          | 1            | Low            | 13.65          | -3.11              | 10.54      | 0.011    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.78          | -3.11              | 10.67      | 0.012    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.77          | -3.11              | 10.66      | 0.012    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 12.81          | -3.11              | 9.70       | 0.009    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 12.8           | -3.11              | 9.69       | 0.009    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 12.82          | -3.11              | 9.71       | 0.009    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 12.81          | -3.11              | 9.70       | 0.009    | 2.000     | Pass    |
|                 |            | Q16           | 1            | Low            | 13.07          | -3.11              | 9.96       | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | Mid            | 13.19          | -3.11              | 10.08      | 0.010    | 2.000     | Pass    |
|                 |            |               | 1            | High           | 13.17          | -3.11              | 10.06      | 0.010    | 2.000     | Pass    |
|                 |            |               | 50           | Low            | 11.78          | -3.11              | 8.67       | 0.007    | 2.000     | Pass    |
|                 |            |               | 50           | Mid            | 11.77          | -3.11              | 8.66       | 0.007    | 2.000     | Pass    |
|                 |            |               | 50           | High           | 11.79          | -3.11              | 8.68       | 0.007    | 2.000     | Pass    |
|                 |            |               | 100          | Low            | 11.78          | -3.11              | 8.67       | 0.007    | 2.000     | Pass    |

| Bandwidth (MHz)    | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| <b>LTE BAND 38</b> |            |               |              |                |                |                    |            |          |           |         |
| 5                  | LCH        | QPSK          | 1            | Low            | 16.01          | -3.11              | 12.90      | 0.019    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16.04          | -3.11              | 12.93      | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.05          | -3.11              | 12.94      | 0.020    | 2.000     | Pass    |
|                    |            |               | 12           | Low            | 14.95          | -3.11              | 11.84      | 0.015    | 2.000     | Pass    |
|                    |            |               | 12           | Mid            | 15             | -3.11              | 11.89      | 0.015    | 2.000     | Pass    |
|                    |            |               | 12           | High           | 14.98          | -3.11              | 11.87      | 0.015    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 14.98          | -3.11              | 11.87      | 0.015    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.57          | -3.11              | 12.46      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.59          | -3.11              | 12.48      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.59          | -3.11              | 12.48      | 0.018    | 2.000     | Pass    |
|                    |            |               | 12           | Low            | 14.07          | -3.11              | 10.96      | 0.012    | 2.000     | Pass    |
|                    |            |               | 12           | Mid            | 14.1           | -3.11              | 10.99      | 0.013    | 2.000     | Pass    |
|                    |            |               | 12           | High           | 14.05          | -3.11              | 10.94      | 0.012    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 14             | -3.11              | 10.89      | 0.012    | 2.000     | Pass    |
|                    | MCH        | QPSK          | 1            | Low            | 16.16          | -3.11              | 13.05      | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16.22          | -3.11              | 13.11      | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.22          | -3.11              | 13.11      | 0.020    | 2.000     | Pass    |
|                    |            |               | 12           | Low            | 15.13          | -3.11              | 12.02      | 0.016    | 2.000     | Pass    |
|                    |            |               | 12           | Mid            | 15.21          | -3.11              | 12.10      | 0.016    | 2.000     | Pass    |
|                    |            |               | 12           | High           | 15.18          | -3.11              | 12.07      | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 15.19          | -3.11              | 12.08      | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.5           | -3.11              | 12.39      | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.58          | -3.11              | 12.47      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.59          | -3.11              | 12.48      | 0.018    | 2.000     | Pass    |
|                    |            |               | 12           | Low            | 14.2           | -3.11              | 11.09      | 0.013    | 2.000     | Pass    |
|                    |            |               | 12           | Mid            | 14.25          | -3.11              | 11.14      | 0.013    | 2.000     | Pass    |
|                    |            |               | 12           | High           | 14.24          | -3.11              | 11.13      | 0.013    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 14.16          | -3.11              | 11.05      | 0.013    | 2.000     | Pass    |
|                    | HCH        | QPSK          | 1            | Low            | 16.13          | -3.11              | 13.02      | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16.17          | -3.11              | 13.06      | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.12          | -3.11              | 13.01      | 0.020    | 2.000     | Pass    |
|                    |            |               | 12           | Low            | 15.06          | -3.11              | 11.95      | 0.016    | 2.000     | Pass    |
|                    |            |               | 12           | Mid            | 15.12          | -3.11              | 12.01      | 0.016    | 2.000     | Pass    |
|                    |            |               | 12           | High           | 15.08          | -3.11              | 11.97      | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 15.09          | -3.11              | 11.98      | 0.016    | 2.000     | Pass    |

| Bandwidth (MHz)    | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| <b>LTE BAND 38</b> |            |               |              |                |                |                    |            |          |           |         |
|                    |            | Q16           | 1            | Low            | 15.52          | -3.11              | 12.41      | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.57          | -3.11              | 12.46      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.5           | -3.11              | 12.39      | 0.017    | 2.000     | Pass    |
|                    |            |               | 12           | Low            | 14.05          | -3.11              | 10.94      | 0.012    | 2.000     | Pass    |
|                    |            |               | 12           | Mid            | 14.11          | -3.11              | 11.00      | 0.013    | 2.000     | Pass    |
|                    |            |               | 12           | High           | 14.07          | -3.11              | 10.96      | 0.012    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 14.15          | -3.11              | 11.04      | 0.013    | 2.000     | Pass    |
| 10                 | LCH        | QPSK          | 1            | Low            | 15.72          | -3.11              | 12.61      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16             | -3.11              | 12.89      | 0.019    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.03          | -3.11              | 12.92      | 0.020    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 15.03          | -3.11              | 11.92      | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | Mid            | 15.06          | -3.11              | 11.95      | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | High           | 15.07          | -3.11              | 11.96      | 0.016    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 15.06          | -3.11              | 11.95      | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.36          | -3.11              | 12.25      | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.43          | -3.11              | 12.32      | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.46          | -3.11              | 12.35      | 0.017    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 14.02          | -3.11              | 10.91      | 0.012    | 2.000     | Pass    |
|                    |            |               | 25           | Mid            | 14.05          | -3.11              | 10.94      | 0.012    | 2.000     | Pass    |
|                    |            |               | 25           | High           | 14.08          | -3.11              | 10.97      | 0.013    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 14.04          | -3.11              | 10.93      | 0.012    | 2.000     | Pass    |
|                    | MCH        | QPSK          | 1            | Low            | 16.22          | -3.11              | 13.11      | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16.32          | -3.11              | 13.21      | 0.021    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.31          | -3.11              | 13.20      | 0.021    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 15.17          | -3.11              | 12.06      | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | Mid            | 15.25          | -3.11              | 12.14      | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | High           | 15.27          | -3.11              | 12.16      | 0.016    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 15.21          | -3.11              | 12.10      | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.71          | -3.11              | 12.60      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.84          | -3.11              | 12.73      | 0.019    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.83          | -3.11              | 12.72      | 0.019    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 14.17          | -3.11              | 11.06      | 0.013    | 2.000     | Pass    |
|                    |            |               | 25           | Mid            | 14.28          | -3.11              | 11.17      | 0.013    | 2.000     | Pass    |
|                    |            |               | 25           | High           | 14.24          | -3.11              | 11.13      | 0.013    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 14.22          | -3.11              | 11.11      | 0.013    | 2.000     | Pass    |
|                    | HCH        | QPSK          | 1            | Low            | 16.08          | -3.11              | 12.97      | 0.020    | 2.000     | Pass    |

| Bandwidth (MHz)    | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------|------------|---------------|--------------|----------------|----------------|--------------------|--------------|----------|-----------|---------|
| <b>LTE BAND 38</b> |            |               |              |                |                |                    |              |          |           |         |
|                    |            |               | 1            | Mid            | 16.14          | -3.11              | 13.03        | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.07          | -3.11              | 12.96        | 0.020    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 15.13          | -3.11              | 12.02        | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | Mid            | 15.17          | -3.11              | 12.06        | 0.016    | 2.000     | Pass    |
|                    |            |               | 25           | High           | 15.12          | -3.11              | 12.01        | 0.016    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 15.15          | -3.11              | 12.04        | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.65          | -3.11              | 12.54        | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.69          | -3.11              | 12.58        | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.61          | -3.11              | 12.50        | 0.018    | 2.000     | Pass    |
|                    |            |               | 25           | Low            | 14.16          | -3.11              | 11.05        | 0.013    | 2.000     | Pass    |
|                    |            |               | 25           | Mid            | 14.22          | -3.11              | 11.11        | 0.013    | 2.000     | Pass    |
|                    |            |               | 25           | High           | 14.14          | -3.11              | 11.03        | 0.013    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 14.17          | -3.11              | 11.06        | 0.013    | 2.000     | Pass    |
|                    |            |               |              |                |                |                    |              |          |           |         |
| 15                 | LCH        | QPSK          | 1            | Low            | 15.94          | -3.11              | 12.83        | 0.019    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16.02          | -3.11              | 12.91        | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.05          | -3.11              | 12.94        | 0.020    | 2.000     | Pass    |
|                    |            |               | 36           | Low            | 14.96          | -3.11              | 11.85        | 0.015    | 2.000     | Pass    |
|                    |            |               | 36           | Mid            | 15.02          | -3.11              | 11.91        | 0.016    | 2.000     | Pass    |
|                    |            |               | 36           | High           | 15.09          | -3.11              | 11.98        | 0.016    | 2.000     | Pass    |
|                    |            |               | 75           | Low            | 15.07          | -3.11              | 11.96        | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.37          | -3.11              | 12.26        | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.42          | -3.11              | 12.31        | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.44          | -3.11              | 12.33        | 0.017    | 2.000     | Pass    |
|                    |            |               | 36           | Low            | 13.92          | -3.11              | 10.81        | 0.012    | 2.000     | Pass    |
|                    |            |               | 36           | Mid            | 14.01          | -3.11              | 10.90        | 0.012    | 2.000     | Pass    |
|                    |            |               | 36           | High           | 14.07          | -3.11              | 10.96        | 0.012    | 2.000     | Pass    |
|                    |            |               | 75           | Low            | 14.03          | -3.11              | 10.92        | 0.012    | 2.000     | Pass    |
|                    | MCH        | QPSK          | 1            | Low            | 16.2           | -3.11              | 13.09        | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16.35          | -3.11              | <b>13.24</b> | 0.021    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.3           | -3.11              | 13.19        | 0.021    | 2.000     | Pass    |
|                    |            |               | 36           | Low            | 15.12          | -3.11              | 12.01        | 0.016    | 2.000     | Pass    |
|                    |            |               | 36           | Mid            | 15.22          | -3.11              | 12.11        | 0.016    | 2.000     | Pass    |
|                    |            |               | 36           | High           | 15.24          | -3.11              | 12.13        | 0.016    | 2.000     | Pass    |
|                    |            |               | 75           | Low            | 15.23          | -3.11              | 12.12        | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.74          | -3.11              | 12.63        | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.85          | -3.11              | 12.74        | 0.019    | 2.000     | Pass    |
|                    |            |               |              |                |                |                    |              |          |           |         |

| Bandwidth<br>(MHz) | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measured<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------|---------------|------------------|-----------------|-------------------|-------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 38</b> |               |                  |                 |                   |                   |                          |               |             |              |         |
|                    | HCH           |                  | 1               | High              | 15.81             | -3.11                    | 12.70         | 0.019       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 14.11             | -3.11                    | 11.00         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 14.18             | -3.11                    | 11.07         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 14.2              | -3.11                    | 11.09         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 14.21             | -3.11                    | 11.10         | 0.013       | 2.000        | Pass    |
|                    |               | QPSK             | 1               | Low               | 16.16             | -3.11                    | 13.05         | 0.020       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 16.24             | -3.11                    | 13.13         | 0.021       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 16.16             | -3.11                    | 13.05         | 0.020       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 15.18             | -3.11                    | 12.07         | 0.016       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 15.21             | -3.11                    | 12.10         | 0.016       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 15.2              | -3.11                    | 12.09         | 0.016       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 15.19             | -3.11                    | 12.08         | 0.016       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 15.61             | -3.11                    | 12.50         | 0.018       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 15.7              | -3.11                    | 12.59         | 0.018       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 15.58             | -3.11                    | 12.47         | 0.018       | 2.000        | Pass    |
|                    |               |                  | 36              | Low               | 14.22             | -3.11                    | 11.11         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 36              | Mid               | 14.22             | -3.11                    | 11.11         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 36              | High              | 14.23             | -3.11                    | 11.12         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 75              | Low               | 14.17             | -3.11                    | 11.06         | 0.013       | 2.000        | Pass    |
| 20                 | LCH           | QPSK             | 1               | Low               | 15.85             | -3.11                    | 12.74         | 0.019       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 16.2              | -3.11                    | 13.09         | 0.020       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 16.29             | -3.11                    | 13.18         | 0.021       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 14.94             | -3.11                    | 11.83         | 0.015       | 2.000        | Pass    |
|                    |               |                  | 50              | Mid               | 15.12             | -3.11                    | 12.01         | 0.016       | 2.000        | Pass    |
|                    |               |                  | 50              | High              | 15.14             | -3.11                    | 12.03         | 0.016       | 2.000        | Pass    |
|                    |               |                  | 100             | Low               | 15.07             | -3.11                    | 11.96         | 0.016       | 2.000        | Pass    |
|                    |               | Q16              | 1               | Low               | 15.39             | -3.11                    | 12.28         | 0.017       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 15.53             | -3.11                    | 12.42         | 0.017       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 15.61             | -3.11                    | 12.50         | 0.018       | 2.000        | Pass    |
|                    |               |                  | 50              | Low               | 13.93             | -3.11                    | 10.82         | 0.012       | 2.000        | Pass    |
|                    |               |                  | 50              | Mid               | 14.09             | -3.11                    | 10.98         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 50              | High              | 14.12             | -3.11                    | 11.01         | 0.013       | 2.000        | Pass    |
|                    |               |                  | 100             | Low               | 14.01             | -3.11                    | 10.90         | 0.012       | 2.000        | Pass    |
|                    | MCH           | QPSK             | 1               | Low               | 16.09             | -3.11                    | 12.98         | 0.020       | 2.000        | Pass    |
|                    |               |                  | 1               | Mid               | 16.33             | -3.11                    | 13.22         | 0.021       | 2.000        | Pass    |
|                    |               |                  | 1               | High              | 16.25             | -3.11                    | 13.14         | 0.021       | 2.000        | Pass    |

| Bandwidth (MHz)    | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------|------------|---------------|--------------|----------------|----------------|--------------------|------------|----------|-----------|---------|
| <b>LTE BAND 38</b> |            |               |              |                |                |                    |            |          |           |         |
|                    |            |               | 50           | Low            | 15.12          | -3.11              | 12.01      | 0.016    | 2.000     | Pass    |
|                    |            |               | 50           | Mid            | 15.26          | -3.11              | 12.15      | 0.016    | 2.000     | Pass    |
|                    |            |               | 50           | High           | 15.23          | -3.11              | 12.12      | 0.016    | 2.000     | Pass    |
|                    |            |               | 100          | Low            | 15.2           | -3.11              | 12.09      | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.32          | -3.11              | 12.21      | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.52          | -3.11              | 12.41      | 0.017    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.49          | -3.11              | 12.38      | 0.017    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 14.14          | -3.11              | 11.03      | 0.013    | 2.000     | Pass    |
|                    |            |               | 50           | Mid            | 14.25          | -3.11              | 11.14      | 0.013    | 2.000     | Pass    |
|                    |            |               | 50           | High           | 14.25          | -3.11              | 11.14      | 0.013    | 2.000     | Pass    |
|                    |            |               | 100          | Low            | 14.19          | -3.11              | 11.08      | 0.013    | 2.000     | Pass    |
|                    | HCH        | QPSK          | 1            | Low            | 16.18          | -3.11              | 13.07      | 0.020    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 16.3           | -3.11              | 13.19      | 0.021    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 16.18          | -3.11              | 13.07      | 0.020    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 15.16          | -3.11              | 12.05      | 0.016    | 2.000     | Pass    |
|                    |            |               | 50           | Mid            | 15.23          | -3.11              | 12.12      | 0.016    | 2.000     | Pass    |
|                    |            |               | 50           | High           | 15.14          | -3.11              | 12.03      | 0.016    | 2.000     | Pass    |
|                    |            |               | 100          | Low            | 15.15          | -3.11              | 12.04      | 0.016    | 2.000     | Pass    |
|                    |            | Q16           | 1            | Low            | 15.62          | -3.11              | 12.51      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | Mid            | 15.76          | -3.11              | 12.65      | 0.018    | 2.000     | Pass    |
|                    |            |               | 1            | High           | 15.65          | -3.11              | 12.54      | 0.018    | 2.000     | Pass    |
|                    |            |               | 50           | Low            | 14.18          | -3.11              | 11.07      | 0.013    | 2.000     | Pass    |
|                    |            |               | 50           | Mid            | 14.22          | -3.11              | 11.11      | 0.013    | 2.000     | Pass    |
|                    |            |               | 50           | High           | 14.16          | -3.11              | 11.05      | 0.013    | 2.000     | Pass    |
|                    |            |               | 100          | Low            | 14.13          | -3.11              | 11.02      | 0.013    | 2.000     | Pass    |

| Bandwidth<br>(MHz)       | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measured<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------------|---------------|------------------|-----------------|-------------------|-------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 41(120M)</b> |               |                  |                 |                   |                   |                          |               |             |              |         |
| 5                        | LCH           | QPSK             | 1               | Low               | 16.77             | -3.11                    | 13.66         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.85             | -3.11                    | 13.74         | 0.024       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.79             | -3.11                    | 13.68         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 12              | Low               | 15.81             | -3.11                    | 12.70         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 12              | Mid               | 15.91             | -3.11                    | 12.80         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 12              | High              | 15.85             | -3.11                    | 12.74         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 15.8              | -3.11                    | 12.69         | 0.019       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.17             | -3.11                    | 13.06         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.24             | -3.11                    | 13.13         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.22             | -3.11                    | 13.11         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 12              | Low               | 14.83             | -3.11                    | 11.72         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 12              | Mid               | 14.89             | -3.11                    | 11.78         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 12              | High              | 14.85             | -3.11                    | 11.74         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 14.81             | -3.11                    | 11.70         | 0.015       | 2.000        | Pass    |
|                          | MCH           | QPSK             | 1               | Low               | 17.03             | -3.11                    | 13.92         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 17.09             | -3.11                    | 13.98         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 17.09             | -3.11                    | 13.98         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 12              | Low               | 15.96             | -3.11                    | 12.85         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 12              | Mid               | 16.05             | -3.11                    | 12.94         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 12              | High              | 16.06             | -3.11                    | 12.95         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 15.99             | -3.11                    | 12.88         | 0.019       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.44             | -3.11                    | 13.33         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.48             | -3.11                    | 13.37         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.46             | -3.11                    | 13.35         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 12              | Low               | 14.93             | -3.11                    | 11.82         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 12              | Mid               | 15.04             | -3.11                    | 11.93         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 12              | High              | 15.01             | -3.11                    | 11.90         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 15.02             | -3.11                    | 11.91         | 0.016       | 2.000        | Pass    |
|                          | HCH           | QPSK             | 1               | Low               | 17.07             | -3.11                    | 13.96         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 17.13             | -3.11                    | 14.02         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 17.14             | -3.11                    | 14.03         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 12              | Low               | 16.05             | -3.11                    | 12.94         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 12              | Mid               | 16.1              | -3.11                    | 12.99         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 12              | High              | 16.05             | -3.11                    | 12.94         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 16.01             | -3.11                    | 12.90         | 0.019       | 2.000        | Pass    |

| Bandwidth<br>(MHz)       | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 41(120M)</b> |               |                  |                 |                   |                    |                          |               |             |              |         |
|                          |               | Q16              | 1               | Low               | 16.54              | -3.11                    | 13.43         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.62              | -3.11                    | 13.51         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.62              | -3.11                    | 13.51         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 12              | Low               | 15.17              | -3.11                    | 12.06         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 12              | Mid               | 15.18              | -3.11                    | 12.07         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 12              | High              | 15.15              | -3.11                    | 12.04         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 15.09              | -3.11                    | 11.98         | 0.016       | 2.000        | Pass    |
| 10                       | LCH           | QPSK             | 1               | Low               | 16.39              | -3.11                    | 13.28         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.8               | -3.11                    | 13.69         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.78              | -3.11                    | 13.67         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 15.81              | -3.11                    | 12.70         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 25              | Mid               | 15.89              | -3.11                    | 12.78         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 25              | High              | 15.85              | -3.11                    | 12.74         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 15.87              | -3.11                    | 12.76         | 0.019       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.13              | -3.11                    | 13.02         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.18              | -3.11                    | 13.07         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.21              | -3.11                    | 13.10         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 14.81              | -3.11                    | 11.70         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 25              | Mid               | 14.89              | -3.11                    | 11.78         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 25              | High              | 14.85              | -3.11                    | 11.74         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 14.84              | -3.11                    | 11.73         | 0.015       | 2.000        | Pass    |
|                          | MCH           | QPSK             | 1               | Low               | 17.08              | -3.11                    | 13.97         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 17.17              | -3.11                    | 14.06         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 17.16              | -3.11                    | 14.05         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 16.02              | -3.11                    | 12.91         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 25              | Mid               | 16.06              | -3.11                    | 12.95         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 25              | High              | 16.03              | -3.11                    | 12.92         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 16.06              | -3.11                    | 12.95         | 0.020       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.6               | -3.11                    | 13.49         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.69              | -3.11                    | 13.58         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.66              | -3.11                    | 13.55         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 25              | Low               | 15.03              | -3.11                    | 11.92         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 25              | Mid               | 15.1               | -3.11                    | 11.99         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 25              | High              | 15.05              | -3.11                    | 11.94         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 15.05              | -3.11                    | 11.94         | 0.016       | 2.000        | Pass    |
|                          | HCH           | QPSK             | 1               | Low               | 16.97              | -3.11                    | 13.86         | 0.024       | 2.000        | Pass    |

| Bandwidth (MHz)          | UL Channel | UL Modulation | UL RB Number | UL RB Position | Measured (dBm) | Antenna Gain (dBi) | EIRP (dBm)   | EIRP (W) | Limit (W) | Verdict |
|--------------------------|------------|---------------|--------------|----------------|----------------|--------------------|--------------|----------|-----------|---------|
| <b>LTE BAND 41(120M)</b> |            |               |              |                |                |                    |              |          |           |         |
|                          |            |               | 1            | Mid            | 17.09          | -3.11              | 13.98        | 0.025    | 2.000     | Pass    |
|                          |            |               | 1            | High           | 17.1           | -3.11              | 13.99        | 0.025    | 2.000     | Pass    |
|                          |            |               | 25           | Low            | 16.03          | -3.11              | 12.92        | 0.020    | 2.000     | Pass    |
|                          |            |               | 25           | Mid            | 16.11          | -3.11              | 13.00        | 0.020    | 2.000     | Pass    |
|                          |            |               | 25           | High           | 16.08          | -3.11              | 12.97        | 0.020    | 2.000     | Pass    |
|                          |            |               | 50           | Low            | 16.09          | -3.11              | 12.98        | 0.020    | 2.000     | Pass    |
|                          |            | Q16           | 1            | Low            | 16.49          | -3.11              | 13.38        | 0.022    | 2.000     | Pass    |
|                          |            |               | 1            | Mid            | 16.62          | -3.11              | 13.51        | 0.022    | 2.000     | Pass    |
|                          |            |               | 1            | High           | 16.65          | -3.11              | 13.54        | 0.023    | 2.000     | Pass    |
|                          |            |               | 25           | Low            | 15.05          | -3.11              | 11.94        | 0.016    | 2.000     | Pass    |
|                          |            |               | 25           | Mid            | 15.16          | -3.11              | 12.05        | 0.016    | 2.000     | Pass    |
|                          |            |               | 25           | High           | 15.14          | -3.11              | 12.03        | 0.016    | 2.000     | Pass    |
|                          |            |               | 50           | Low            | 15.08          | -3.11              | 11.97        | 0.016    | 2.000     | Pass    |
|                          |            |               |              |                |                |                    |              |          |           |         |
| 15                       | LCH        | QPSK          | 1            | Low            | 16.4           | -3.11              | 13.29        | 0.021    | 2.000     | Pass    |
|                          |            |               | 1            | Mid            | 16.82          | -3.11              | 13.71        | 0.023    | 2.000     | Pass    |
|                          |            |               | 1            | High           | 16.76          | -3.11              | 13.65        | 0.023    | 2.000     | Pass    |
|                          |            |               | 36           | Low            | 15.87          | -3.11              | 12.76        | 0.019    | 2.000     | Pass    |
|                          |            |               | 36           | Mid            | 15.89          | -3.11              | 12.78        | 0.019    | 2.000     | Pass    |
|                          |            |               | 36           | High           | 15.83          | -3.11              | 12.72        | 0.019    | 2.000     | Pass    |
|                          |            |               | 75           | Low            | 15.92          | -3.11              | 12.81        | 0.019    | 2.000     | Pass    |
|                          |            | Q16           | 1            | Low            | 16.13          | -3.11              | 13.02        | 0.020    | 2.000     | Pass    |
|                          |            |               | 1            | Mid            | 16.24          | -3.11              | 13.13        | 0.021    | 2.000     | Pass    |
|                          |            |               | 1            | High           | 16.19          | -3.11              | 13.08        | 0.020    | 2.000     | Pass    |
|                          |            |               | 36           | Low            | 14.83          | -3.11              | 11.72        | 0.015    | 2.000     | Pass    |
|                          |            |               | 36           | Mid            | 14.87          | -3.11              | 11.76        | 0.015    | 2.000     | Pass    |
|                          |            |               | 36           | High           | 14.81          | -3.11              | 11.70        | 0.015    | 2.000     | Pass    |
|                          |            |               | 75           | Low            | 14.87          | -3.11              | 11.76        | 0.015    | 2.000     | Pass    |
|                          | MCH        | QPSK          | 1            | Low            | 17.06          | -3.11              | 13.95        | 0.025    | 2.000     | Pass    |
|                          |            |               | 1            | Mid            | 17.19          | -3.11              | <b>14.08</b> | 0.026    | 2.000     | Pass    |
|                          |            |               | 1            | High           | 17.18          | -3.11              | 14.07        | 0.026    | 2.000     | Pass    |
|                          |            |               | 36           | Low            | 16.01          | -3.11              | 12.90        | 0.019    | 2.000     | Pass    |
|                          |            |               | 36           | Mid            | 16.06          | -3.11              | 12.95        | 0.020    | 2.000     | Pass    |
|                          |            |               | 36           | High           | 16.06          | -3.11              | 12.95        | 0.020    | 2.000     | Pass    |
|                          |            |               | 75           | Low            | 16.05          | -3.11              | 12.94        | 0.020    | 2.000     | Pass    |
|                          |            | Q16           | 1            | Low            | 16.57          | -3.11              | 13.46        | 0.022    | 2.000     | Pass    |
|                          |            |               | 1            | Mid            | 16.72          | -3.11              | 13.61        | 0.023    | 2.000     | Pass    |
|                          |            |               |              |                |                |                    |              |          |           |         |

| Bandwidth<br>(MHz)       | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 41(120M)</b> |               |                  |                 |                   |                    |                          |               |             |              |         |
|                          | HCH           |                  | 1               | High              | 16.68              | -3.11                    | 13.57         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 36              | Low               | 14.97              | -3.11                    | 11.86         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 36              | Mid               | 15.02              | -3.11                    | 11.91         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 36              | High              | 15.04              | -3.11                    | 11.93         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 75              | Low               | 15.05              | -3.11                    | 11.94         | 0.016       | 2.000        | Pass    |
|                          |               | QPSK             | 1               | Low               | 16.95              | -3.11                    | 13.84         | 0.024       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 17.1               | -3.11                    | 13.99         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 17.14              | -3.11                    | 14.03         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 36              | Low               | 16.01              | -3.11                    | 12.90         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 36              | Mid               | 16.1               | -3.11                    | 12.99         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 36              | High              | 16.11              | -3.11                    | 13.00         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 75              | Low               | 16.06              | -3.11                    | 12.95         | 0.020       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.38              | -3.11                    | 13.27         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.52              | -3.11                    | 13.41         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.55              | -3.11                    | 13.44         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 36              | Low               | 15.03              | -3.11                    | 11.92         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 36              | Mid               | 15.08              | -3.11                    | 11.97         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 36              | High              | 15.13              | -3.11                    | 12.02         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 75              | Low               | 15.07              | -3.11                    | 11.96         | 0.016       | 2.000        | Pass    |
| 20                       | LCH           | QPSK             | 1               | Low               | 16.73              | -3.11                    | 13.62         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 17.03              | -3.11                    | 13.92         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 17.03              | -3.11                    | 13.92         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 15.84              | -3.11                    | 12.73         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 50              | Mid               | 15.9               | -3.11                    | 12.79         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 50              | High              | 15.89              | -3.11                    | 12.78         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 100             | Low               | 15.85              | -3.11                    | 12.74         | 0.019       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.16              | -3.11                    | 13.05         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.34              | -3.11                    | 13.23         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.3               | -3.11                    | 13.19         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 14.77              | -3.11                    | 11.66         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 50              | Mid               | 14.86              | -3.11                    | 11.75         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 50              | High              | 14.85              | -3.11                    | 11.74         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 100             | Low               | 14.82              | -3.11                    | 11.71         | 0.015       | 2.000        | Pass    |
|                          | MCH           | QPSK             | 1               | Low               | 16.93              | -3.11                    | 13.82         | 0.024       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 17.15              | -3.11                    | 14.04         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 17.12              | -3.11                    | 14.01         | 0.025       | 2.000        | Pass    |

| Bandwidth<br>(MHz)       | UL<br>Channel | UL<br>Modulation | UL RB<br>Number | UL RB<br>Position | Measure<br>d (dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|--------------------------|---------------|------------------|-----------------|-------------------|--------------------|--------------------------|---------------|-------------|--------------|---------|
| <b>LTE BAND 41(120M)</b> |               |                  |                 |                   |                    |                          |               |             |              |         |
|                          |               |                  | 50              | Low               | 15.98              | -3.11                    | 12.87         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 50              | Mid               | 16.1               | -3.11                    | 12.99         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 50              | High              | 16.1               | -3.11                    | 12.99         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 100             | Low               | 16.01              | -3.11                    | 12.90         | 0.019       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.18              | -3.11                    | 13.07         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.4               | -3.11                    | 13.29         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.37              | -3.11                    | 13.26         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 14.97              | -3.11                    | 11.86         | 0.015       | 2.000        | Pass    |
|                          |               |                  | 50              | Mid               | 15.11              | -3.11                    | 12.00         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 50              | High              | 15.07              | -3.11                    | 11.96         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 100             | Low               | 15.02              | -3.11                    | 11.91         | 0.016       | 2.000        | Pass    |
|                          | HCH           | QPSK             | 1               | Low               | 16.95              | -3.11                    | 13.84         | 0.024       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 17.13              | -3.11                    | 14.02         | 0.025       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 17.19              | -3.11                    | 14.08         | 0.026       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 15.99              | -3.11                    | 12.88         | 0.019       | 2.000        | Pass    |
|                          |               |                  | 50              | Mid               | 16.09              | -3.11                    | 12.98         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 50              | High              | 16.05              | -3.11                    | 12.94         | 0.020       | 2.000        | Pass    |
|                          |               |                  | 100             | Low               | 15.99              | -3.11                    | 12.88         | 0.019       | 2.000        | Pass    |
|                          |               | Q16              | 1               | Low               | 16.4               | -3.11                    | 13.29         | 0.021       | 2.000        | Pass    |
|                          |               |                  | 1               | Mid               | 16.62              | -3.11                    | 13.51         | 0.022       | 2.000        | Pass    |
|                          |               |                  | 1               | High              | 16.64              | -3.11                    | 13.53         | 0.023       | 2.000        | Pass    |
|                          |               |                  | 50              | Low               | 15.02              | -3.11                    | 11.91         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 50              | Mid               | 15.14              | -3.11                    | 12.03         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 50              | High              | 15.07              | -3.11                    | 11.96         | 0.016       | 2.000        | Pass    |
|                          |               |                  | 100             | Low               | 14.99              | -3.11                    | 11.88         | 0.015       | 2.000        | Pass    |

# CA Test Data

| Mode        | UL-RB       | Conducted Output AV<br>Power (dBm) |       |       | Antenna<br>Gain (dBi) | EIRP (W) |       |       | Limit | Verdict |
|-------------|-------------|------------------------------------|-------|-------|-----------------------|----------|-------|-------|-------|---------|
|             |             | Low                                | Mid   | High  |                       | LCH      | MCH   | HCH   | (W)   |         |
| CA_2C       |             |                                    |       |       |                       |          |       |       |       |         |
| 20MHz+5MHz  |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 11.5                               | 11.65 | 11.48 | -2.82                 | 0.007    | 0.008 | 0.007 | 2.000 | Pass    |
|             | Half   0    | 9.49                               | 9.58  | 9.52  | -2.82                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
|             | Full   0    | 9.52                               | 9.58  | 9.52  | -2.82                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
|             | 1   1       | 14.38                              | 14.41 | 14.36 | -2.82                 | 0.014    | 0.014 | 0.014 | 2.000 | Pass    |
|             | Full   Full | 11.51                              | 11.45 | 11.2  | -2.82                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
| 16QAM       | 1   0       | 10.34                              | 10.48 | 10.52 | -2.82                 | 0.006    | 0.006 | 0.006 | 2.000 | Pass    |
|             | Half   0    | 8.49                               | 8.6   | 8.52  | -2.82                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
|             | Full   0    | 8.57                               | 8.65  | 8.55  | -2.82                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
|             | 1   1       | 13.29                              | 13.34 | 13.26 | -2.82                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.52                              | 10.5  | 10.19 | -2.82                 | 0.006    | 0.006 | 0.005 | 2.000 | Pass    |
| 20MHz+20MHz |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 11.23                              | 11.3  | 11.23 | -2.82                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|             | Half   0    | 10.27                              | 10.35 | 10.43 | -2.82                 | 0.006    | 0.006 | 0.006 | 2.000 | Pass    |
|             | Full   0    | 10.34                              | 10.48 | 10.52 | -2.82                 | 0.006    | 0.006 | 0.006 | 2.000 | Pass    |
|             | 1   1       | 14.5                               | 14.51 | 14.35 | -2.82                 | 0.015    | 0.015 | 0.014 | 2.000 | Pass    |
|             | Full   Full | 11.17                              | 11.19 | 11.16 | -2.82                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
| 16QAM       | 1   0       | 10.04                              | 10.14 | 10.24 | -2.82                 | 0.005    | 0.005 | 0.006 | 2.000 | Pass    |
|             | Half   0    | 9.26                               | 9.37  | 9.41  | -2.82                 | 0.004    | 0.005 | 0.005 | 2.000 | Pass    |
|             | Full   0    | 9.35                               | 9.54  | 9.53  | -2.82                 | 0.004    | 0.005 | 0.005 | 2.000 | Pass    |
|             | 1   1       | 13.39                              | 13.45 | 13.28 | -2.82                 | 0.011    | 0.012 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.17                              | 10.2  | 10.17 | -2.82                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
| 5MHz+20MHz  |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 14.3                               | 14.31 | 14.26 | -2.82                 | 0.014    | 0.014 | 0.014 | 2.000 | Pass    |
|             | Full   Full | 11.06                              | 11.35 | 11.2  | -2.82                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
| 16QAM       | 1   1       | 13.32                              | 13.22 | 13.41 | -2.82                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.09                              | 10.41 | 10.22 | -2.82                 | 0.005    | 0.006 | 0.005 | 2.000 | Pass    |
| 10MHz+15MHz |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 14.4                               | 14.49 | 14.5  | -2.82                 | 0.014    | 0.015 | 0.015 | 2.000 | Pass    |
|             | Full   Full | 11.4                               | 11.45 | 11.46 | -2.82                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
| 16QAM       | 1   1       | 13.43                              | 13.4  | 13.1  | -2.82                 | 0.012    | 0.011 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.4                               | 10.47 | 10.46 | -2.82                 | 0.006    | 0.006 | 0.006 | 2.000 | Pass    |
| 15MHz+10MHz |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 14.44                              | 14.5  | 14.4  | -2.82                 | 0.015    | 0.015 | 0.014 | 2.000 | Pass    |

|             |             |              |       |       |       |       |       |       |       |      |
|-------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|------|
|             | Full   Full | 11.58        | 11.49 | 11.47 | -2.82 | 0.008 | 0.007 | 0.007 | 2.000 | Pass |
| 16QAM       | 1   1       | 13.44        | 13.31 | 13.58 | -2.82 | 0.012 | 0.011 | 0.012 | 2.000 | Pass |
|             | Full   Full | 10.57        | 10.48 | 10.47 | -2.82 | 0.006 | 0.006 | 0.006 | 2.000 | Pass |
| 10MHz+20MHz |             |              |       |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 14.39        | 14.48 | 14.46 | -2.82 | 0.014 | 0.015 | 0.015 | 2.000 | Pass |
|             | Full   Full | 11.3         | 11.53 | 11.38 | -2.82 | 0.007 | 0.007 | 0.007 | 2.000 | Pass |
| 16QAM       | 1   1       | 13.36        | 13.32 | 13.1  | -2.82 | 0.011 | 0.011 | 0.011 | 2.000 | Pass |
|             | Full   Full | 10.3         | 10.55 | 10.4  | -2.82 | 0.006 | 0.006 | 0.006 | 2.000 | Pass |
| 20MHz+10MHz |             |              |       |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 14.43        | 14.43 | 14.4  | -2.82 | 0.014 | 0.014 | 0.014 | 2.000 | Pass |
|             | Full   Full | 11.58        | 11.59 | 11.47 | -2.82 | 0.008 | 0.008 | 0.007 | 2.000 | Pass |
| 16QAM       | 1   1       | 13.17        | 13.58 | 13.48 | -2.82 | 0.011 | 0.012 | 0.012 | 2.000 | Pass |
|             | Full   Full | 10.59        | 10.6  | 10.49 | -2.82 | 0.006 | 0.006 | 0.006 | 2.000 | Pass |
| 15MHz+15MHz |             |              |       |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 14.47        | 14.13 | 14.11 | -2.82 | 0.015 | 0.014 | 0.013 | 2.000 | Pass |
|             | Full   Full | 11.21        | 10.97 | 10.94 | -2.82 | 0.007 | 0.007 | 0.006 | 2.000 | Pass |
| 16QAM       | 1   1       | 13.48        | 12.96 | 13.19 | -2.82 | 0.012 | 0.010 | 0.011 | 2.000 | Pass |
|             | Full   Full | 10.21        | 10.01 | 10.08 | -2.82 | 0.005 | 0.005 | 0.005 | 2.000 | Pass |
| 15MHz+20MHz |             |              |       |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 13.95        | 14.22 | 14.08 | -2.82 | 0.013 | 0.014 | 0.013 | 2.000 | Pass |
|             | Full   Full | 10.91        | 11.14 | 11.1  | -2.82 | 0.006 | 0.007 | 0.007 | 2.000 | Pass |
| 16QAM       | 1   1       | 12.99        | 12.99 | 13.13 | -2.82 | 0.010 | 0.010 | 0.011 | 2.000 | Pass |
|             | Full   Full | 9.93         | 10.16 | 10.05 | -2.82 | 0.005 | 0.005 | 0.005 | 2.000 | Pass |
| 20MHz+15MHz |             |              |       |       |       |       |       |       |       |      |
| QPSK        | 1   1       | <b>14.54</b> | 14.45 | 14.48 | -2.82 | 0.015 | 0.015 | 0.015 | 2.000 | Pass |
|             | Full   Full | 11.32        | 11.32 | 11.35 | -2.82 | 0.007 | 0.007 | 0.007 | 2.000 | Pass |
| 16QAM       | 1   1       | 13.63        | 13.56 | 13.23 | -2.82 | 0.012 | 0.012 | 0.011 | 2.000 | Pass |
|             | Full   Full | 10.34        | 10.38 | 10.32 | -2.82 | 0.006 | 0.006 | 0.006 | 2.000 | Pass |

| Mode        | UL-RB       | Conducted Output AV<br>Power (dBm) |       |       | Antenna<br>Gain (dBi) | EIRP (W) |       |       | Limit | Verdict |
|-------------|-------------|------------------------------------|-------|-------|-----------------------|----------|-------|-------|-------|---------|
|             |             | Low                                | Mid   | High  |                       | LCH      | MCH   | HCH   | (W)   |         |
| CA_5B       |             |                                    |       |       |                       |          |       |       |       |         |
| 5MHz+3MHz   |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 17.49                              | 17.52 | 17.41 | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
|             | Half   0    | 17.39                              | 17.5  | 17.4  | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
|             | Full   0    | 17.49                              | 17.52 | 17.47 | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
|             | 1   1       | 20.16                              | 20.15 | 20.06 | -6.1                  | 0.016    | 0.015 | 0.015 | 7.000 | Pass    |
|             | Full   Full | 19.31                              | 19.25 | 19.12 | -6.1                  | 0.013    | 0.013 | 0.012 | 7.000 | Pass    |
| 16QAM       | 1   0       | 17.24                              | 17.55 | 17.5  | -6.1                  | 0.008    | 0.009 | 0.008 | 7.000 | Pass    |
|             | Half   0    | 17.48                              | 17.47 | 17.33 | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
|             | Full   0    | 17.49                              | 17.41 | 17.4  | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
|             | 1   1       | 19.85                              | 20.25 | 20.1  | -6.1                  | 0.014    | 0.016 | 0.015 | 7.000 | Pass    |
|             | Full   Full | 19.3                               | 19.06 | 19.02 | -6.1                  | 0.013    | 0.012 | 0.012 | 7.000 | Pass    |
| 10MHz+10MHz |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 17.3                               | 17.39 | 17.44 | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
|             | Half   0    | 16.27                              | 16.36 | 16.4  | -6.1                  | 0.006    | 0.006 | 0.007 | 7.000 | Pass    |
|             | Full   0    | 16.32                              | 16.4  | 16.52 | -6.1                  | 0.006    | 0.007 | 0.007 | 7.000 | Pass    |
|             | 1   1       | 20.3                               | 20.41 | 20.37 | -6.1                  | 0.016    | 0.016 | 0.016 | 7.000 | Pass    |
|             | Full   Full | 17.11                              | 17.1  | 17.13 | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
| 16QAM       | 1   0       | 16.37                              | 16.3  | 16.13 | -6.1                  | 0.006    | 0.006 | 0.006 | 7.000 | Pass    |
|             | Half   0    | 15.23                              | 15.34 | 15.41 | -6.1                  | 0.005    | 0.005 | 0.005 | 7.000 | Pass    |
|             | Full   0    | 15.3                               | 15.42 | 15.52 | -6.1                  | 0.005    | 0.005 | 0.005 | 7.000 | Pass    |
|             | 1   1       | 19.32                              | 19.27 | 19    | -6.1                  | 0.013    | 0.013 | 0.012 | 7.000 | Pass    |
|             | Full   Full | 16.06                              | 16.09 | 16.13 | -6.1                  | 0.006    | 0.006 | 0.006 | 7.000 | Pass    |
| 3MHz+5MHz   |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 20.04                              | 20.22 | 20.21 | -6.1                  | 0.015    | 0.016 | 0.016 | 7.000 | Pass    |
|             | Full   Full | 19.2                               | 19.33 | 19.35 | -6.1                  | 0.012    | 0.013 | 0.013 | 7.000 | Pass    |
| 16QAM       | 1   1       | 20.02                              | 19.98 | 19.68 | -6.1                  | 0.015    | 0.015 | 0.014 | 7.000 | Pass    |
|             | Full   Full | 19.2                               | 19.24 | 19.21 | -6.1                  | 0.012    | 0.013 | 0.012 | 7.000 | Pass    |
| 5MHz+10MHz  |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 20.24                              | 20.32 | 20.34 | -6.1                  | 0.016    | 0.016 | 0.016 | 7.000 | Pass    |
|             | Full   Full | 17.33                              | 17.46 | 17.51 | -6.1                  | 0.008    | 0.008 | 0.008 | 7.000 | Pass    |
| 16QAM       | 1   1       | 19.44                              | 19.05 | 19.56 | -6.1                  | 0.013    | 0.012 | 0.014 | 7.000 | Pass    |
|             | Full   Full | 16.3                               | 16.49 | 16.44 | -6.1                  | 0.006    | 0.007 | 0.007 | 7.000 | Pass    |
| 10MHz+5MHz  |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 20.28                              | 20.35 | 20.35 | -6.1                  | 0.016    | 0.016 | 0.016 | 7.000 | Pass    |

|       |             |       |       |       |      |       |       |       |       |      |
|-------|-------------|-------|-------|-------|------|-------|-------|-------|-------|------|
|       | Full   Full | 17.5  | 17.35 | 17.3  | -6.1 | 0.008 | 0.008 | 0.008 | 7.000 | Pass |
| 16QAM | 1   1       | 19.32 | 19.16 | 18.97 | -6.1 | 0.013 | 0.012 | 0.012 | 7.000 | Pass |
|       | Full   Full | 16.48 | 16.39 | 16.25 | -6.1 | 0.007 | 0.007 | 0.006 | 7.000 | Pass |

| Mode        | UL-RB       | Conducted Output AV<br>Power (dBm) |              |       | Antenna<br>Gain (dBi) | EIRP (W) |       |       | Limit | Verdict |
|-------------|-------------|------------------------------------|--------------|-------|-----------------------|----------|-------|-------|-------|---------|
|             |             | Low                                | Mid          | High  |                       | LCH      | MCH   | HCH   | (W)   |         |
| CA_7C       |             |                                    |              |       |                       |          |       |       |       |         |
| 20MHz+10MHz |             |                                    |              |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 10.27                              | 10.33        | 10.46 | -3.11                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
|             | Half   0    | 9.32                               | 9.42         | 9.43  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
|             | Full   0    | 8.45                               | 8.53         | 8.54  | -3.11                 | 0.003    | 0.003 | 0.003 | 2.000 | Pass    |
|             | 1   1       | 13.48                              | 13.42        | 13.44 | -3.11                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.52                              | 10.62        | 10.47 | -3.11                 | 0.006    | 0.006 | 0.005 | 2.000 | Pass    |
| 16QAM       | 1   0       | 9.2                                | 9.39         | 9.19  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
|             | Half   0    | 8.4                                | 8.38         | 8.38  | -3.11                 | 0.003    | 0.003 | 0.003 | 2.000 | Pass    |
|             | Full   0    | 7.48                               | 7.56         | 7.53  | -3.11                 | 0.003    | 0.003 | 0.003 | 2.000 | Pass    |
|             | 1   1       | 12.52                              | 12.58        | 12.2  | -3.11                 | 0.009    | 0.009 | 0.008 | 2.000 | Pass    |
|             | Full   Full | 9.51                               | 9.62         | 9.46  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
| 20MHz+20MHz |             |                                    |              |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 10.04                              | 10.18        | 10.25 | -3.11                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
|             | Half   0    | 9.2                                | 9.32         | 9.35  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
|             | Full   0    | 9.32                               | 9.46         | 9.41  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
|             | 1   1       | 13.51                              | 13.5         | 13.45 | -3.11                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.14                              | 10.19        | 10.13 | -3.11                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
| 16QAM       | 1   0       | 9.05                               | 9.24         | 9.01  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
|             | Half   0    | 8.24                               | 8.27         | 8.3   | -3.11                 | 0.003    | 0.003 | 0.003 | 2.000 | Pass    |
|             | Full   0    | 8.32                               | 8.49         | 8.41  | -3.11                 | 0.003    | 0.003 | 0.003 | 2.000 | Pass    |
|             | 1   1       | 12.58                              | 12.67        | 12.23 | -3.11                 | 0.009    | 0.009 | 0.008 | 2.000 | Pass    |
|             | Full   Full | 9.13                               | 9.25         | 9.13  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
| 10MHz+20MHz |             |                                    |              |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 13.36                              | 13.55        | 13.44 | -3.11                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.4                               | 10.49        | 10.49 | -3.11                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
| 16QAM       | 1   1       | 12.41                              | 12.32        | 12.07 | -3.11                 | 0.009    | 0.008 | 0.008 | 2.000 | Pass    |
|             | Full   Full | 9.37                               | 9.44         | 9.5   | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
| 15MHz+15MHz |             |                                    |              |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 13.42                              | 13.61        | 13.39 | -3.11                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
|             | Full   Full | 10.25                              | 10.18        | 10.23 | -3.11                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
| 16QAM       | 1   1       | 12.45                              | 12.44        | 12.54 | -3.11                 | 0.009    | 0.009 | 0.009 | 2.000 | Pass    |
|             | Full   Full | 9.18                               | 9.21         | 9.16  | -3.11                 | 0.004    | 0.004 | 0.004 | 2.000 | Pass    |
| 15MHz+20MHz |             |                                    |              |       |                       |          |       |       |       |         |
| QPSK        | 1   1       | 13.4                               | <b>13.62</b> | 13.39 | -3.11                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |

|             |             |       |       |       |       |       |       |       |       |      |
|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|             | Full   Full | 10.31 | 10.28 | 10.28 | -3.11 | 0.005 | 0.005 | 0.005 | 2.000 | Pass |
| 16QAM       | 1   1       | 12.45 | 12.43 | 12.53 | -3.11 | 0.009 | 0.009 | 0.009 | 2.000 | Pass |
|             | Full   Full | 9.24  | 9.26  | 9.27  | -3.11 | 0.004 | 0.004 | 0.004 | 2.000 | Pass |
| 20MHz+15MHz |             |       |       |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 13.49 | 13.54 | 13.44 | -3.11 | 0.011 | 0.011 | 0.011 | 2.000 | Pass |
|             | Full   Full | 10.31 | 10.38 | 10.28 | -3.11 | 0.005 | 0.005 | 0.005 | 2.000 | Pass |
| 16QAM       | 1   1       | 12.27 | 12.63 | 12.55 | -3.11 | 0.008 | 0.009 | 0.009 | 2.000 | Pass |
|             | Full   Full | 9.26  | 9.36  | 9.32  | -3.11 | 0.004 | 0.004 | 0.004 | 2.000 | Pass |

| Mode        | UL-RB       | Conducted Output AV<br>Power (dBm) |              |       | Antenna<br>Gain (dBi) | EIRP (W) |       |       | Limit | Verdict |
|-------------|-------------|------------------------------------|--------------|-------|-----------------------|----------|-------|-------|-------|---------|
|             |             | Low                                | Mid          | High  |                       | LCH      | MCH   | HCH   | (W)   |         |
| CA_38C      |             |                                    |              |       |                       |          |       |       |       |         |
| 15MHz+15MHz |             |                                    |              |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 13.29                              | 13.35        | 13.3  | -3.11                 | 0.010    | 0.011 | 0.010 | 2.000 | Pass    |
|             | Half   0    | 12.47                              | 12.53        | 12.56 | -3.11                 | 0.009    | 0.009 | 0.009 | 2.000 | Pass    |
|             | Full   0    | 12.56                              | 12.66        | 12.69 | -3.11                 | 0.009    | 0.009 | 0.009 | 2.000 | Pass    |
|             | 1   1       | 16.47                              | <b>16.73</b> | 16.53 | -3.11                 | 0.022    | 0.023 | 0.022 | 2.000 | Pass    |
|             | Full   Full | 13.27                              | 13.27        | 13.3  | -3.11                 | 0.010    | 0.010 | 0.010 | 2.000 | Pass    |
| 16QAM       | 1   0       | 12.47                              | 12.32        | 12.69 | -3.11                 | 0.009    | 0.008 | 0.009 | 2.000 | Pass    |
|             | Half   0    | 11.45                              | 11.39        | 11.61 | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|             | Full   0    | 11.46                              | 11.63        | 11.63 | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|             | 1   1       | 15.52                              | 15.6         | 15.82 | -3.11                 | 0.017    | 0.018 | 0.019 | 2.000 | Pass    |
|             | Full   Full | 12.22                              | 12.25        | 12.27 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |
| 20MHz+20MHz |             |                                    |              |       |                       |          |       |       |       |         |
| QPSK        | 1   0       | 13.23                              | 13.11        | 13.2  | -3.11                 | 0.010    | 0.010 | 0.010 | 2.000 | Pass    |
|             | Half   0    | 12.38                              | 12.41        | 12.43 | -3.11                 | 0.008    | 0.009 | 0.009 | 2.000 | Pass    |
|             | Full   0    | 12.5                               | 12.6         | 12.61 | -3.11                 | 0.009    | 0.009 | 0.009 | 2.000 | Pass    |
|             | 1   1       | 16.61                              | 16.65        | 16.6  | -3.11                 | 0.022    | 0.023 | 0.022 | 2.000 | Pass    |
|             | Full   Full | 13.26                              | 13.3         | 13.31 | -3.11                 | 0.010    | 0.010 | 0.010 | 2.000 | Pass    |
| 16QAM       | 1   0       | 12.04                              | 12.15        | 12.29 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |
|             | Half   0    | 11.32                              | 11.44        | 11.41 | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|             | Full   0    | 11.44                              | 11.56        | 11.63 | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|             | 1   1       | 15.41                              | 15.81        | 15.79 | -3.11                 | 0.017    | 0.019 | 0.019 | 2.000 | Pass    |
|             | Full   Full | 12.23                              | 12.27        | 12.27 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |

| Mode         | UL-RB       | Conducted Output AV<br>Power (dBm) |       |       | Antenna<br>Gain (dBi) | EIRP (W) |       |       | Limit | Verdict |
|--------------|-------------|------------------------------------|-------|-------|-----------------------|----------|-------|-------|-------|---------|
|              |             | Low                                | Mid   | High  |                       | LCH      | MCH   | HCH   | (W)   |         |
| CA_41C(120M) |             |                                    |       |       |                       |          |       |       |       |         |
| 20MHz+5MHz   |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK         | 1   0       | 13.33                              | 13.39 | 13.48 | -3.11                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
|              | Half   0    | 11.42                              | 11.45 | 11.51 | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|              | Full   0    | 11.46                              | 11.54 | 11.61 | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|              | 1   1       | 16.25                              | 16.37 | 16.48 | -3.11                 | 0.021    | 0.021 | 0.022 | 2.000 | Pass    |
|              | Full   Full | 13.29                              | 13.43 | 13.41 | -3.11                 | 0.010    | 0.011 | 0.011 | 2.000 | Pass    |
| 16QAM        | 1   0       | 12.32                              | 12.5  | 12.31 | -3.11                 | 0.008    | 0.009 | 0.008 | 2.000 | Pass    |
|              | Half   0    | 10.48                              | 10.47 | 10.45 | -3.11                 | 0.005    | 0.005 | 0.005 | 2.000 | Pass    |
|              | Full   0    | 10.45                              | 10.54 | 10.57 | -3.11                 | 0.005    | 0.006 | 0.006 | 2.000 | Pass    |
|              | 1   1       | 15.38                              | 15.56 | 15.23 | -3.11                 | 0.017    | 0.018 | 0.016 | 2.000 | Pass    |
|              | Full   Full | 12.26                              | 12.47 | 12.42 | -3.11                 | 0.008    | 0.009 | 0.009 | 2.000 | Pass    |
| 20MHz+20MHz  |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK         | 1   0       | 13.07                              | 13.06 | 13.25 | -3.11                 | 0.010    | 0.010 | 0.010 | 2.000 | Pass    |
|              | Half   0    | 12.27                              | 12.29 | 12.36 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |
|              | Full   0    | 12.34                              | 12.46 | 12.46 | -3.11                 | 0.008    | 0.009 | 0.009 | 2.000 | Pass    |
|              | 1   1       | 16.37                              | 16.49 | 16.45 | -3.11                 | 0.021    | 0.022 | 0.022 | 2.000 | Pass    |
|              | Full   Full | 13.07                              | 13.16 | 13.18 | -3.11                 | 0.010    | 0.010 | 0.010 | 2.000 | Pass    |
| 16QAM        | 1   0       | 12.06                              | 12.12 | 12.02 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |
|              | Half   0    | 11.33                              | 11.24 | 11.3  | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|              | Full   0    | 11.39                              | 11.41 | 11.42 | -3.11                 | 0.007    | 0.007 | 0.007 | 2.000 | Pass    |
|              | 1   1       | 15.49                              | 15.65 | 15.24 | -3.11                 | 0.017    | 0.018 | 0.016 | 2.000 | Pass    |
|              | Full   Full | 12.06                              | 12.13 | 12.18 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |
| 5MHz+20MHz   |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK         | 1   1       | 16.25                              | 16.3  | 16.39 | -3.11                 | 0.021    | 0.021 | 0.021 | 2.000 | Pass    |
|              | Full   Full | 13.18                              | 13.24 | 13.25 | -3.11                 | 0.010    | 0.010 | 0.010 | 2.000 | Pass    |
| 16QAM        | 1   1       | 15.41                              | 15.11 | 15.6  | -3.11                 | 0.017    | 0.016 | 0.018 | 2.000 | Pass    |
|              | Full   Full | 12.16                              | 12.22 | 12.19 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |
| 10MHz+15MHz  |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK         | 1   1       | 16.28                              | 16.47 | 16.49 | -3.11                 | 0.021    | 0.022 | 0.022 | 2.000 | Pass    |
|              | Full   Full | 13.36                              | 13.36 | 13.44 | -3.11                 | 0.011    | 0.011 | 0.011 | 2.000 | Pass    |
| 16QAM        | 1   1       | 15.37                              | 15.37 | 15.12 | -3.11                 | 0.017    | 0.017 | 0.016 | 2.000 | Pass    |
|              | Full   Full | 12.35                              | 12.34 | 12.39 | -3.11                 | 0.008    | 0.008 | 0.008 | 2.000 | Pass    |
| 15MHz+10MHz  |             |                                    |       |       |                       |          |       |       |       |         |
| QPSK         | 1   1       | 16.26                              | 16.52 | 16.44 | -3.11                 | 0.021    | 0.022 | 0.022 | 2.000 | Pass    |

|             |             |       |              |       |       |       |       |       |       |      |
|-------------|-------------|-------|--------------|-------|-------|-------|-------|-------|-------|------|
|             | Full   Full | 13.36 | 13.48        | 13.51 | -3.11 | 0.011 | 0.011 | 0.011 | 2.000 | Pass |
| 16QAM       | 1   1       | 15.35 | 15.4         | 15.65 | -3.11 | 0.017 | 0.017 | 0.018 | 2.000 | Pass |
|             | Full   Full | 12.32 | 12.48        | 12.47 | -3.11 | 0.008 | 0.009 | 0.009 | 2.000 | Pass |
| 10MHz+20MHz |             |       |              |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 16.25 | 16.46        | 16.46 | -3.11 | 0.021 | 0.022 | 0.022 | 2.000 | Pass |
|             | Full   Full | 13.35 | 13.36        | 13.47 | -3.11 | 0.011 | 0.011 | 0.011 | 2.000 | Pass |
| 16QAM       | 1   1       | 15.32 | 15.34        | 15.09 | -3.11 | 0.017 | 0.017 | 0.016 | 2.000 | Pass |
|             | Full   Full | 12.33 | 12.34        | 12.46 | -3.11 | 0.008 | 0.008 | 0.009 | 2.000 | Pass |
| 20MHz+10MHz |             |       |              |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 16.28 | 16.47        | 16.44 | -3.11 | 0.021 | 0.022 | 0.022 | 2.000 | Pass |
|             | Full   Full | 13.47 | 13.59        | 13.58 | -3.11 | 0.011 | 0.011 | 0.011 | 2.000 | Pass |
| 16QAM       | 1   1       | 15.09 | 15.62        | 15.6  | -3.11 | 0.016 | 0.018 | 0.018 | 2.000 | Pass |
|             | Full   Full | 12.45 | 12.57        | 12.58 | -3.11 | 0.009 | 0.009 | 0.009 | 2.000 | Pass |
| 15MHz+15MHz |             |       |              |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 16.29 | <b>16.56</b> | 16.42 | -3.11 | 0.021 | 0.022 | 0.021 | 2.000 | Pass |
|             | Full   Full | 13.1  | 13.14        | 13.2  | -3.11 | 0.010 | 0.010 | 0.010 | 2.000 | Pass |
| 16QAM       | 1   1       | 15.39 | 15.45        | 15.63 | -3.11 | 0.017 | 0.017 | 0.018 | 2.000 | Pass |
|             | Full   Full | 12.03 | 12.12        | 12.17 | -3.11 | 0.008 | 0.008 | 0.008 | 2.000 | Pass |
| 15MHz+20MHz |             |       |              |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 16.28 | 16.52        | 16.39 | -3.11 | 0.021 | 0.022 | 0.021 | 2.000 | Pass |
|             | Full   Full | 13.19 | 13.21        | 13.27 | -3.11 | 0.010 | 0.010 | 0.010 | 2.000 | Pass |
| 16QAM       | 1   1       | 15.35 | 15.39        | 15.63 | -3.11 | 0.017 | 0.017 | 0.018 | 2.000 | Pass |
|             | Full   Full | 12.15 | 12.19        | 12.26 | -3.11 | 0.008 | 0.008 | 0.008 | 2.000 | Pass |
| 20MHz+15MHz |             |       |              |       |       |       |       |       |       |      |
| QPSK        | 1   1       | 16.33 | 16.52        | 16.43 | -3.11 | 0.021 | 0.022 | 0.021 | 2.000 | Pass |
|             | Full   Full | 13.22 | 13.29        | 13.31 | -3.11 | 0.010 | 0.010 | 0.010 | 2.000 | Pass |
| 16QAM       | 1   1       | 15.16 | 15.66        | 15.59 | -3.11 | 0.016 | 0.018 | 0.018 | 2.000 | Pass |
|             | Full   Full | 12.19 | 12.27        | 12.34 | -3.11 | 0.008 | 0.008 | 0.008 | 2.000 | Pass |