



## Appendix for test report



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## 1Appendix\_A: Effective (Isotropic) Radiated Power Output Data

### Part I - Test Results

| Test Band | Test Mode | Test Channel | Conducted Power [dBm] | ERP [dBm]  | Limit [dBm] | Verdict |
|-----------|-----------|--------------|-----------------------|------------|-------------|---------|
| GSM850    | GSM/TM1   | LCH          | 32.12                 | 31.47      | 38.5        | PASS    |
|           |           | MCH          | 32.22                 | 31.52      | 38.5        | PASS    |
|           |           | HCH          | 32.3                  | 31.62      | 38.5        | PASS    |
|           | GSM/TM2   | LCH          | 26.01                 | 25.46      | 38.5        | PASS    |
|           |           | MCH          | 26.06                 | 25.40      | 38.5        | PASS    |
|           |           | HCH          | 26.12                 | 25.55      | 38.5        | PASS    |
| WCDMA850  | UMTS/TM1  | LCH          | 23.23                 | 22.58      | 38.5        | PASS    |
|           |           | MCH          | 23.25                 | 22.69      | 38.5        | PASS    |
|           |           | HCH          | 23.27                 | 22.52      | 38.5        | PASS    |
| Test Band | Test Mode | Test Channel | Conducted Power [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
| GSM1900   | GSM/TM1   | LCH          | 29.71                 | 31.96      | 33          | PASS    |
|           |           | MCH          | 29.32                 | 31.59      | 33          | PASS    |
|           |           | HCH          | 29.56                 | 31.72      | 33          | PASS    |
|           | GSM/TM2   | LCH          | 25.72                 | 27.92      | 33          | PASS    |
|           |           | MCH          | 25.69                 | 27.78      | 33          | PASS    |
|           |           | HCH          | 25.69                 | 27.85      | 33          | PASS    |
| WCDMA1900 | UMTS/TM1  | LCH          | 23.19                 | 25.32      | 33          | PASS    |
|           |           | MCH          | 23.15                 | 25.31      | 33          | PASS    |
|           |           | HCH          | 23.27                 | 25.45      | 33          | PASS    |
| WCDMA1700 | UMTS/TM1  | LCH          | 23.29                 | 25.21      | 30          | PASS    |
|           |           | MCH          | 23.33                 | 25.43      | 30          | PASS    |
|           |           | HCH          | 23.18                 | 25.19      | 30          | PASS    |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 21.56          | 23.56      | 33          | PASS    |
|                |           |                |              | RB1#3   | 21.8           | 23.8       | 33          | PASS    |
|                |           |                |              | RB1#5   | 21.67          | 23.67      | 33          | PASS    |
|                |           |                |              | RB3#0   | 21.59          | 23.59      | 33          | PASS    |
|                |           |                |              | RB3#2   | 21.7           | 23.7       | 33          | PASS    |
|                |           |                |              | RB3#3   | 21.69          | 24.02      | 33          | PASS    |
|                |           |                |              | RB6#0   | 21.17          | 23.17      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.89          | 24.23      | 33          | PASS    |
|                |           |                |              | RB1#3   | 22.11          | 24.48      | 33          | PASS    |
|                |           |                |              | RB1#5   | 22.05          | 24.43      | 33          | PASS    |
|                |           |                |              | RB3#0   | 21.94          | 24.27      | 33          | PASS    |
|                |           |                |              | RB3#2   | 22.06          | 24.29      | 33          | PASS    |
|                |           |                |              | RB3#3   | 22.06          | 24.41      | 33          | PASS    |
|                |           |                |              | RB6#0   | 21.5           | 23.81      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.9           | 23.9       | 33          | PASS    |
|                |           |                |              | RB1#3   | 22.04          | 24.04      | 33          | PASS    |
|                |           |                |              | RB1#5   | 21.78          | 23.78      | 33          | PASS    |
|                |           |                |              | RB3#0   | 21.99          | 23.99      | 33          | PASS    |
|                |           |                |              | RB3#2   | 21.95          | 24.29      | 33          | PASS    |
|                |           |                |              | RB3#3   | 21.84          | 23.84      | 33          | PASS    |
|                |           |                |              | RB6#0   | 21.5           | 23.77      | 33          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 21.17          | 23.17      | 33          | PASS    |
|                |           |                |              | RB1#7   | 21.93          | 23.93      | 33          | PASS    |
|                |           |                |              | RB1#14  | 21.73          | 23.95      | 33          | PASS    |
|                |           |                |              | RB8#0   | 21.07          | 23.07      | 33          | PASS    |
|                |           |                |              | RB8#4   | 21.3           | 23.3       | 33          | PASS    |
|                |           |                |              | RB8#7   | 21.31          | 23.61      | 33          | PASS    |
|                |           |                |              | RB15#0  | 21.19          | 23.19      | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.69          | 23.69      | 33          | PASS    |
|                |           |                |              | RB1#7   | 22.12          | 24.12      | 33          | PASS    |
|                |           |                |              | RB1#14  | 22.1           | 24.1       | 33          | PASS    |
|                |           |                |              | RB8#0   | 21.39          | 23.39      | 33          | PASS    |
|                |           |                |              | RB8#4   | 21.58          | 23.58      | 33          | PASS    |
|                |           |                |              | RB8#7   | 21.64          | 23.64      | 33          | PASS    |
|                |           |                |              | RB15#0  | 21.51          | 23.73      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.88          | 24.25      | 33          | PASS    |
|                |           |                |              | RB1#7   | 22.19          | 24.43      | 33          | PASS    |
|                |           |                |              | RB1#14  | 21.65          | 23.65      | 33          | PASS    |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB8#0   | 21.54 | 23.92 | 33 | PASS |
|  |  |    |     | RB8#4   | 21.56 | 23.93 | 33 | PASS |
|  |  |    |     | RB8#7   | 21.51 | 23.51 | 33 | PASS |
|  |  |    |     | RB15#0  | 21.47 | 23.47 | 33 | PASS |
|  |  | 5  | LCH | RB1#0   | 21.11 | 23.11 | 33 | PASS |
|  |  |    |     | RB1#13  | 22    | 24.29 | 33 | PASS |
|  |  |    |     | RB1#24  | 21.22 | 23.22 | 33 | PASS |
|  |  |    |     | RB12#0  | 21.07 | 23.07 | 33 | PASS |
|  |  |    |     | RB12#6  | 21.38 | 23.38 | 33 | PASS |
|  |  |    |     | RB12#13 | 21.1  | 23.46 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.13 | 23.53 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.46 | 23.46 | 33 | PASS |
|  |  |    |     | RB1#13  | 22.18 | 24.18 | 33 | PASS |
|  |  |    |     | RB1#24  | 21.87 | 24.26 | 33 | PASS |
|  |  |    |     | RB12#0  | 21.31 | 23.31 | 33 | PASS |
|  |  |    |     | RB12#6  | 21.57 | 23.79 | 33 | PASS |
|  |  |    |     | RB12#13 | 21.57 | 23.84 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.43 | 23.43 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.57 | 23.86 | 33 | PASS |
|  |  |    |     | RB1#13  | 22.28 | 24.28 | 33 | PASS |
|  |  |    |     | RB1#24  | 21.22 | 23.6  | 33 | PASS |
|  |  |    |     | RB12#0  | 21.56 | 23.85 | 33 | PASS |
|  |  |    |     | RB12#6  | 21.76 | 23.76 | 33 | PASS |
|  |  |    |     | RB12#13 | 21.39 | 23.74 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.48 | 23.48 | 33 | PASS |
|  |  | 10 | LCH | RB1#0   | 22.13 | 24.37 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.3  | 24.61 | 33 | PASS |
|  |  |    |     | RB1#49  | 21.95 | 24.17 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.34 | 23.73 | 33 | PASS |
|  |  |    |     | RB25#13 | 21.49 | 23.49 | 33 | PASS |
|  |  |    |     | RB25#25 | 21.18 | 23.18 | 33 | PASS |
|  |  |    |     | RB50#0  | 21.24 | 23.44 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 22.36 | 24.36 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.63 | 24.63 | 33 | PASS |
|  |  |    |     | RB1#49  | 22.66 | 24.92 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.61 | 23.88 | 33 | PASS |
|  |  |    |     | RB25#13 | 21.94 | 23.94 | 33 | PASS |
|  |  |    |     | RB25#25 | 21.97 | 23.97 | 33 | PASS |
|  |  |    |     | RB50#0  | 21.78 | 23.78 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 22.21 | 24.21 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.8  | 25.07 | 33 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB1#49  | 22.16 | 24.44 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.49 | 23.79 | 33 | PASS |
|  |  |    |     | RB25#13 | 21.92 | 24.21 | 33 | PASS |
|  |  |    |     | RB25#25 | 21.72 | 23.92 | 33 | PASS |
|  |  |    |     | RB50#0  | 21.6  | 23.87 | 33 | PASS |
|  |  | 15 | LCH | RB1#0   | 21.51 | 23.82 | 33 | PASS |
|  |  |    |     | RB1#38  | 21.8  | 23.8  | 33 | PASS |
|  |  |    |     | RB1#74  | 21.03 | 23.03 | 33 | PASS |
|  |  |    |     | RB38#0  | 21.05 | 23.05 | 33 | PASS |
|  |  |    |     | RB38#19 | 20.99 | 23.29 | 33 | PASS |
|  |  |    |     | RB38#39 | 20.87 | 23.17 | 33 | PASS |
|  |  |    |     | RB75#0  | 20.95 | 22.95 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.63 | 23.96 | 33 | PASS |
|  |  |    |     | RB1#38  | 22.1  | 24.1  | 33 | PASS |
|  |  |    |     | RB1#74  | 21.59 | 23.59 | 33 | PASS |
|  |  |    |     | RB38#0  | 21.21 | 23.55 | 33 | PASS |
|  |  |    |     | RB38#19 | 21.55 | 23.55 | 33 | PASS |
|  |  |    |     | RB38#39 | 21.5  | 23.51 | 33 | PASS |
|  |  |    |     | RB75#0  | 21.41 | 23.41 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.5  | 23.78 | 33 | PASS |
|  |  |    |     | RB1#38  | 21.91 | 24.2  | 33 | PASS |
|  |  |    |     | RB1#74  | 21.32 | 23.32 | 33 | PASS |
|  |  |    |     | RB38#0  | 20.9  | 23.16 | 33 | PASS |
|  |  |    |     | RB38#19 | 21.29 | 23.29 | 33 | PASS |
|  |  |    |     | RB38#39 | 21.35 | 23.35 | 33 | PASS |
|  |  |    |     | RB75#0  | 21.18 | 23.18 | 33 | PASS |
|  |  | 20 | LCH | RB1#0   | 21.66 | 23.66 | 33 | PASS |
|  |  |    |     | RB1#50  | 21.64 | 23.64 | 33 | PASS |
|  |  |    |     | RB1#99  | 21.27 | 23.27 | 33 | PASS |
|  |  |    |     | RB50#0  | 21.06 | 23.06 | 33 | PASS |
|  |  |    |     | RB50#25 | 20.98 | 22.98 | 33 | PASS |
|  |  |    |     | RB50#50 | 20.94 | 23.32 | 33 | PASS |
|  |  |    |     | RB100#0 | 20.99 | 22.99 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.78 | 24.08 | 33 | PASS |
|  |  |    |     | RB1#50  | 22.06 | 24.43 | 33 | PASS |
|  |  |    |     | RB1#99  | 21.81 | 23.81 | 33 | PASS |
|  |  |    |     | RB50#0  | 21.24 | 23.24 | 33 | PASS |
|  |  |    |     | RB50#25 | 21.54 | 23.54 | 33 | PASS |
|  |  |    |     | RB50#50 | 21.76 | 24.02 | 33 | PASS |
|  |  |    |     | RB100#0 | 21.5  | 23.5  | 33 | PASS |
|  |  |    | HCH | RB1#0   | 22.01 | 24.26 | 33 | PASS |

|  |         |     |     |         |       |       |    |      |
|--|---------|-----|-----|---------|-------|-------|----|------|
|  | LTE/TM2 |     |     | RB1#50  | 21.8  | 23.8  | 33 | PASS |
|  |         |     |     | RB1#99  | 21.77 | 23.77 | 33 | PASS |
|  |         |     |     | RB50#0  | 21.26 | 23.55 | 33 | PASS |
|  |         |     |     | RB50#25 | 21.37 | 23.63 | 33 | PASS |
|  |         |     |     | RB50#50 | 21.63 | 23.63 | 33 | PASS |
|  |         |     |     | RB100#0 | 21.46 | 23.66 | 33 | PASS |
|  |         | 1.4 | LCH | RB1#0   | 20.82 | 23.09 | 33 | PASS |
|  |         |     |     | RB1#3   | 21.21 | 23.61 | 33 | PASS |
|  |         |     |     | RB1#5   | 21    | 23.23 | 33 | PASS |
|  |         |     |     | RB3#0   | 21.13 | 23.36 | 33 | PASS |
|  |         |     |     | RB3#2   | 21.24 | 23.24 | 33 | PASS |
|  |         |     |     | RB3#3   | 21.22 | 23.54 | 33 | PASS |
|  |         |     |     | RB6#0   | 20.18 | 22.18 | 33 | PASS |
|  |         |     | MCH | RB1#0   | 21.44 | 23.44 | 33 | PASS |
|  |         |     |     | RB1#3   | 21.75 | 24.14 | 33 | PASS |
|  |         |     |     | RB1#5   | 21.66 | 23.66 | 33 | PASS |
|  |         |     |     | RB3#0   | 21.29 | 23.29 | 33 | PASS |
|  |         |     |     | RB3#2   | 21.53 | 23.8  | 33 | PASS |
|  |         |     |     | RB3#3   | 21.53 | 23.91 | 33 | PASS |
|  |         |     |     | RB6#0   | 20.47 | 22.47 | 33 | PASS |
|  |         |     | HCH | RB1#0   | 21.15 | 23.38 | 33 | PASS |
|  |         |     |     | RB1#3   | 21.25 | 23.56 | 33 | PASS |
|  |         |     |     | RB1#5   | 20.99 | 22.99 | 33 | PASS |
|  |         |     |     | RB3#0   | 21.36 | 23.61 | 33 | PASS |
|  |         |     |     | RB3#2   | 21.34 | 23.34 | 33 | PASS |
|  |         |     |     | RB3#3   | 21.21 | 23.21 | 33 | PASS |
|  |         |     |     | RB6#0   | 20.41 | 22.79 | 33 | PASS |
|  |         | 3   | LCH | RB1#0   | 20.87 | 22.87 | 33 | PASS |
|  |         |     |     | RB1#7   | 21.33 | 23.33 | 33 | PASS |
|  |         |     |     | RB1#14  | 21.15 | 23.42 | 33 | PASS |
|  |         |     |     | RB8#0   | 20.03 | 22.03 | 33 | PASS |
|  |         |     |     | RB8#4   | 20.25 | 22.47 | 33 | PASS |
|  |         |     |     | RB8#7   | 20.27 | 22.27 | 33 | PASS |
|  |         |     |     | RB15#0  | 20.08 | 22.08 | 33 | PASS |
|  |         |     | MCH | RB1#0   | 21.13 | 23.35 | 33 | PASS |
|  |         |     |     | RB1#7   | 21.82 | 24.04 | 33 | PASS |
|  |         |     |     | RB1#14  | 21.8  | 23.8  | 33 | PASS |
|  |         |     |     | RB8#0   | 20.32 | 22.6  | 33 | PASS |
|  |         |     |     | RB8#4   | 20.52 | 22.8  | 33 | PASS |
|  |         |     |     | RB8#7   | 20.49 | 22.74 | 33 | PASS |
|  |         |     |     | RB15#0  | 20.37 | 22.72 | 33 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    | HCH | RB1#0   | 21.26 | 23.57 | 33 | PASS |
|  |  |    |     | RB1#7   | 21.41 | 23.64 | 33 | PASS |
|  |  |    |     | RB1#14  | 20.98 | 22.98 | 33 | PASS |
|  |  |    |     | RB8#0   | 20.43 | 22.63 | 33 | PASS |
|  |  |    |     | RB8#4   | 20.52 | 22.88 | 33 | PASS |
|  |  |    |     | RB8#7   | 20.41 | 22.64 | 33 | PASS |
|  |  |    |     | RB15#0  | 20.42 | 22.74 | 33 | PASS |
|  |  | 5  | LCH | RB1#0   | 20.58 | 22.92 | 33 | PASS |
|  |  |    |     | RB1#13  | 21.42 | 23.42 | 33 | PASS |
|  |  |    |     | RB1#24  | 20.71 | 22.96 | 33 | PASS |
|  |  |    |     | RB12#0  | 20.04 | 22.42 | 33 | PASS |
|  |  |    |     | RB12#6  | 20.35 | 22.65 | 33 | PASS |
|  |  |    |     | RB12#13 | 20.07 | 22.29 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.08 | 22.32 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.04 | 23.27 | 33 | PASS |
|  |  |    |     | RB1#13  | 21.76 | 23.76 | 33 | PASS |
|  |  |    |     | RB1#24  | 21.48 | 23.83 | 33 | PASS |
|  |  |    |     | RB12#0  | 20.26 | 22.62 | 33 | PASS |
|  |  |    |     | RB12#6  | 20.51 | 22.51 | 33 | PASS |
|  |  |    |     | RB12#13 | 20.51 | 22.74 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.34 | 22.34 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.27 | 23.53 | 33 | PASS |
|  |  |    |     | RB1#13  | 21.94 | 24.27 | 33 | PASS |
|  |  |    |     | RB1#24  | 20.92 | 22.92 | 33 | PASS |
|  |  |    |     | RB12#0  | 20.51 | 22.8  | 33 | PASS |
|  |  |    |     | RB12#6  | 20.73 | 22.73 | 33 | PASS |
|  |  |    |     | RB12#13 | 20.37 | 22.37 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.47 | 22.47 | 33 | PASS |
|  |  | 10 | LCH | RB1#0   | 21.82 | 23.82 | 33 | PASS |
|  |  |    |     | RB1#25  | 21.93 | 23.93 | 33 | PASS |
|  |  |    |     | RB1#49  | 21.61 | 23.84 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.31 | 22.31 | 33 | PASS |
|  |  |    |     | RB25#13 | 20.45 | 22.45 | 33 | PASS |
|  |  |    |     | RB25#25 | 20.15 | 22.15 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.18 | 22.41 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 22.14 | 24.43 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.34 | 24.7  | 33 | PASS |
|  |  |    |     | RB1#49  | 22.4  | 24.4  | 33 | PASS |
|  |  |    |     | RB25#0  | 20.54 | 22.8  | 33 | PASS |
|  |  |    |     | RB25#13 | 20.86 | 23.18 | 33 | PASS |
|  |  |    |     | RB25#25 | 20.89 | 23.28 | 33 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB50#0  | 20.7  | 23.04 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.72 | 24.11 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.26 | 24.6  | 33 | PASS |
|  |  |    |     | RB1#49  | 21.65 | 23.65 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.46 | 22.76 | 33 | PASS |
|  |  |    |     | RB25#13 | 20.88 | 23.09 | 33 | PASS |
|  |  |    |     | RB25#25 | 20.71 | 22.71 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.56 | 22.87 | 33 | PASS |
|  |  | 15 | LCH | RB1#0   | 21.2  | 23.2  | 33 | PASS |
|  |  |    |     | RB1#38  | 21.49 | 23.49 | 33 | PASS |
|  |  |    |     | RB1#74  | 20.73 | 22.98 | 33 | PASS |
|  |  |    |     | RB38#0  | 20.09 | 22.47 | 33 | PASS |
|  |  |    |     | RB38#19 | 20.03 | 22.03 | 33 | PASS |
|  |  |    |     | RB38#39 | 19.91 | 21.91 | 33 | PASS |
|  |  |    |     | RB75#0  | 20    | 22    | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.28 | 23.5  | 33 | PASS |
|  |  |    |     | RB1#38  | 21.73 | 23.73 | 33 | PASS |
|  |  |    |     | RB1#74  | 21.29 | 23.51 | 33 | PASS |
|  |  |    |     | RB38#0  | 20.21 | 22.21 | 33 | PASS |
|  |  |    |     | RB38#19 | 20.54 | 22.8  | 33 | PASS |
|  |  |    |     | RB38#39 | 20.5  | 22.79 | 33 | PASS |
|  |  |    |     | RB75#0  | 20.43 | 22.68 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.18 | 23.54 | 33 | PASS |
|  |  |    |     | RB1#38  | 21.54 | 23.54 | 33 | PASS |
|  |  |    |     | RB1#74  | 20.96 | 23.23 | 33 | PASS |
|  |  |    |     | RB38#0  | 19.89 | 21.89 | 33 | PASS |
|  |  |    |     | RB38#19 | 20.28 | 22.28 | 33 | PASS |
|  |  |    |     | RB38#39 | 20.35 | 22.35 | 33 | PASS |
|  |  |    |     | RB75#0  | 20.16 | 22.45 | 33 | PASS |
|  |  | 20 | LCH | RB1#0   | 21.47 | 23.76 | 33 | PASS |
|  |  |    |     | RB1#50  | 21.43 | 23.43 | 33 | PASS |
|  |  |    |     | RB1#99  | 21.03 | 23.03 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.04 | 22.04 | 33 | PASS |
|  |  |    |     | RB50#25 | 19.95 | 21.95 | 33 | PASS |
|  |  |    |     | RB50#50 | 19.93 | 22.28 | 33 | PASS |
|  |  |    |     | RB100#0 | 19.95 | 21.95 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.51 | 23.87 | 33 | PASS |
|  |  |    |     | RB1#50  | 21.85 | 24.06 | 33 | PASS |
|  |  |    |     | RB1#99  | 21.62 | 23.62 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.21 | 22.54 | 33 | PASS |
|  |  |    |     | RB50#25 | 20.51 | 22.51 | 33 | PASS |

|                |           |                |              | RB50#50 | 20.74          | 23.1       | 33          | PASS    |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
|                |           |                |              | RB100#0 | 20.45          | 22.45      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.93          | 24.27      | 33          | PASS    |
|                |           |                |              | RB1#50  | 21.7           | 23.7       | 33          | PASS    |
|                |           |                |              | RB1#99  | 21.55          | 23.93      | 33          | PASS    |
|                |           |                |              | RB50#0  | 20.3           | 22.69      | 33          | PASS    |
|                |           |                |              | RB50#25 | 20.32          | 22.32      | 33          | PASS    |
|                |           |                |              | RB50#50 | 20.61          | 22.9       | 33          | PASS    |
|                |           |                |              | RB100#0 | 20.43          | 22.43      | 33          | PASS    |
|                |           |                |              |         |                |            |             |         |
| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
| BAND4          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 21.89          | 23.94      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.16          | 23.96      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.02          | 23.82      | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.06          | 24.08      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.13          | 23.93      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.08          | 24.15      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.59          | 23.39      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.77          | 23.57      | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.08          | 23.88      | 30          | PASS    |
|                |           |                |              | RB1#5   | 21.98          | 23.99      | 30          | PASS    |
|                |           |                |              | RB3#0   | 21.86          | 23.66      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22             | 24.13      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.01          | 24.21      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.44          | 23.6       | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22             | 23.8       | 30          | PASS    |
|                |           |                |              | RB1#3   | 22.25          | 24.05      | 30          | PASS    |
|                |           |                |              | RB1#5   | 22.1           | 23.9       | 30          | PASS    |
|                |           |                |              | RB3#0   | 22.15          | 23.95      | 30          | PASS    |
|                |           |                |              | RB3#2   | 22.08          | 23.88      | 30          | PASS    |
|                |           |                |              | RB3#3   | 22.03          | 24.22      | 30          | PASS    |
|                |           |                |              | RB6#0   | 21.6           | 23.4       | 30          | PASS    |
|                |           | 3              | LCH          | RB1#0   | 21.59          | 23.77      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.08          | 23.88      | 30          | PASS    |
|                |           |                |              | RB1#14  | 21.84          | 23.95      | 30          | PASS    |
|                |           |                |              | RB8#0   | 21.39          | 23.19      | 30          | PASS    |
|                |           |                |              | RB8#4   | 21.44          | 23.54      | 30          | PASS    |
|                |           |                |              | RB8#7   | 21.43          | 23.5       | 30          | PASS    |
|                |           |                |              | RB15#0  | 21.35          | 23.15      | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.64          | 23.44      | 30          | PASS    |
|                |           |                |              | RB1#7   | 22.18          | 24.25      | 30          | PASS    |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB1#14  | 21.97 | 24.13 | 30 | PASS |
|  |  |    |     | RB8#0   | 21.44 | 23.24 | 30 | PASS |
|  |  |    |     | RB8#4   | 21.56 | 23.36 | 30 | PASS |
|  |  |    |     | RB8#7   | 21.51 | 23.31 | 30 | PASS |
|  |  |    |     | RB15#0  | 21.47 | 23.58 | 30 | PASS |
|  |  |    | HCH | RB1#0   | 21.82 | 23.62 | 30 | PASS |
|  |  |    |     | RB1#7   | 22.15 | 23.95 | 30 | PASS |
|  |  |    |     | RB1#14  | 21.86 | 23.93 | 30 | PASS |
|  |  |    |     | RB8#0   | 21.48 | 23.28 | 30 | PASS |
|  |  |    |     | RB8#4   | 21.67 | 23.79 | 30 | PASS |
|  |  |    |     | RB8#7   | 21.55 | 23.35 | 30 | PASS |
|  |  |    |     | RB15#0  | 21.62 | 23.73 | 30 | PASS |
|  |  | 5  | LCH | RB1#0   | 21.61 | 23.66 | 30 | PASS |
|  |  |    |     | RB1#13  | 22.14 | 24.32 | 30 | PASS |
|  |  |    |     | RB1#24  | 21.95 | 24.07 | 30 | PASS |
|  |  |    |     | RB12#0  | 21.45 | 23.46 | 30 | PASS |
|  |  |    |     | RB12#6  | 21.63 | 23.43 | 30 | PASS |
|  |  |    |     | RB12#13 | 21.64 | 23.44 | 30 | PASS |
|  |  |    |     | RB25#0  | 21.58 | 23.38 | 30 | PASS |
|  |  |    | MCH | RB1#0   | 21.4  | 23.55 | 30 | PASS |
|  |  |    |     | RB1#13  | 22.21 | 24.41 | 30 | PASS |
|  |  |    |     | RB1#24  | 21.65 | 23.72 | 30 | PASS |
|  |  |    |     | RB12#0  | 21.35 | 23.15 | 30 | PASS |
|  |  |    |     | RB12#6  | 21.58 | 23.38 | 30 | PASS |
|  |  |    |     | RB12#13 | 21.45 | 23.46 | 30 | PASS |
|  |  |    |     | RB25#0  | 21.4  | 23.2  | 30 | PASS |
|  |  |    | HCH | RB1#0   | 21.51 | 23.51 | 30 | PASS |
|  |  |    |     | RB1#13  | 22.22 | 24.32 | 30 | PASS |
|  |  |    |     | RB1#24  | 21.46 | 23.58 | 30 | PASS |
|  |  |    |     | RB12#0  | 21.47 | 23.27 | 30 | PASS |
|  |  |    |     | RB12#6  | 21.72 | 23.52 | 30 | PASS |
|  |  |    |     | RB12#13 | 21.53 | 23.63 | 30 | PASS |
|  |  |    |     | RB25#0  | 21.67 | 23.47 | 30 | PASS |
|  |  | 10 | LCH | RB1#0   | 22.57 | 24.37 | 30 | PASS |
|  |  |    |     | RB1#25  | 22.95 | 24.75 | 30 | PASS |
|  |  |    |     | RB1#49  | 22.45 | 24.25 | 30 | PASS |
|  |  |    |     | RB25#0  | 21.77 | 23.57 | 30 | PASS |
|  |  |    |     | RB25#13 | 22.06 | 24.11 | 30 | PASS |
|  |  |    |     | RB25#25 | 21.86 | 23.66 | 30 | PASS |
|  |  |    |     | RB50#0  | 21.75 | 23.85 | 30 | PASS |
|  |  |    | MCH | RB1#0   | 22.34 | 24.53 | 30 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB1#25  | 22.66 | 24.46 | 30 | PASS |
|  |  |    |     | RB1#49  | 22.64 | 24.44 | 30 | PASS |
|  |  |    |     | RB25#0  | 21.42 | 23.55 | 30 | PASS |
|  |  |    |     | RB25#13 | 21.87 | 23.67 | 30 | PASS |
|  |  |    |     | RB25#25 | 21.77 | 23.57 | 30 | PASS |
|  |  |    |     | RB50#0  | 21.7  | 23.78 | 30 | PASS |
|  |  |    | HCH | RB1#0   | 22.89 | 24.69 | 30 | PASS |
|  |  |    |     | RB1#25  | 22.53 | 24.33 | 30 | PASS |
|  |  |    |     | RB1#49  | 22.3  | 24.35 | 30 | PASS |
|  |  |    |     | RB25#0  | 22    | 24.13 | 30 | PASS |
|  |  |    |     | RB25#13 | 21.95 | 23.75 | 30 | PASS |
|  |  |    |     | RB25#25 | 21.71 | 23.78 | 30 | PASS |
|  |  |    |     | RB50#0  | 21.92 | 23.72 | 30 | PASS |
|  |  | 15 | LCH | RB1#0   | 21.98 | 24.04 | 30 | PASS |
|  |  |    |     | RB1#38  | 22.37 | 24.17 | 30 | PASS |
|  |  |    |     | RB1#74  | 21.41 | 23.21 | 30 | PASS |
|  |  |    |     | RB38#0  | 21.55 | 23.64 | 30 | PASS |
|  |  |    |     | RB38#19 | 21.6  | 23.73 | 30 | PASS |
|  |  |    |     | RB38#39 | 21.32 | 23.12 | 30 | PASS |
|  |  |    |     | RB75#0  | 21.37 | 23.43 | 30 | PASS |
|  |  |    | MCH | RB1#0   | 21.88 | 23.68 | 30 | PASS |
|  |  |    |     | RB1#38  | 22.17 | 23.97 | 30 | PASS |
|  |  |    |     | RB1#74  | 21.91 | 23.71 | 30 | PASS |
|  |  |    |     | RB38#0  | 21.17 | 23.23 | 30 | PASS |
|  |  |    |     | RB38#19 | 21.4  | 23.59 | 30 | PASS |
|  |  |    |     | RB38#39 | 21.42 | 23.22 | 30 | PASS |
|  |  |    |     | RB75#0  | 21.48 | 23.51 | 30 | PASS |
|  |  |    | HCH | RB1#0   | 22.35 | 24.15 | 30 | PASS |
|  |  |    |     | RB1#38  | 22.57 | 24.37 | 30 | PASS |
|  |  |    |     | RB1#74  | 21.36 | 23.55 | 30 | PASS |
|  |  |    |     | RB38#0  | 21.82 | 23.62 | 30 | PASS |
|  |  |    |     | RB38#19 | 21.87 | 23.96 | 30 | PASS |
|  |  |    |     | RB38#39 | 21.61 | 23.41 | 30 | PASS |
|  |  |    |     | RB75#0  | 21.78 | 23.58 | 30 | PASS |
|  |  | 20 | LCH | RB1#0   | 22.13 | 23.93 | 30 | PASS |
|  |  |    |     | RB1#50  | 22.12 | 24.2  | 30 | PASS |
|  |  |    |     | RB1#99  | 21.69 | 23.49 | 30 | PASS |
|  |  |    |     | RB50#0  | 21.62 | 23.42 | 30 | PASS |
|  |  |    |     | RB50#25 | 21.46 | 23.26 | 30 | PASS |
|  |  |    |     | RB50#50 | 21.38 | 23.39 | 30 | PASS |
|  |  |    |     | RB100#0 | 21.43 | 23.23 | 30 | PASS |

|  |         |     |     |         |       |       |    |      |
|--|---------|-----|-----|---------|-------|-------|----|------|
|  |         |     | MCH | RB1#0   | 22.07 | 23.87 | 30 | PASS |
|  |         |     |     | RB1#50  | 22.17 | 24.36 | 30 | PASS |
|  |         |     |     | RB1#99  | 22.07 | 24.21 | 30 | PASS |
|  |         |     |     | RB50#0  | 21.24 | 23.04 | 30 | PASS |
|  |         |     |     | RB50#25 | 21.55 | 23.62 | 30 | PASS |
|  |         |     |     | RB50#50 | 21.64 | 23.78 | 30 | PASS |
|  |         |     |     | RB100#0 | 21.5  | 23.3  | 30 | PASS |
|  |         |     | HCH | RB1#0   | 22.42 | 24.22 | 30 | PASS |
|  |         |     |     | RB1#50  | 22.56 | 24.36 | 30 | PASS |
|  |         |     |     | RB1#99  | 21.53 | 23.56 | 30 | PASS |
|  |         |     |     | RB50#0  | 21.79 | 23.79 | 30 | PASS |
|  |         |     |     | RB50#25 | 21.96 | 23.76 | 30 | PASS |
|  |         |     |     | RB50#50 | 21.84 | 23.64 | 30 | PASS |
|  |         |     |     | RB100#0 | 21.82 | 23.95 | 30 | PASS |
|  | LTE/TM2 | 1.4 | LCH | RB1#0   | 21.42 | 23.58 | 30 | PASS |
|  |         |     |     | RB1#3   | 21.77 | 23.91 | 30 | PASS |
|  |         |     |     | RB1#5   | 21.54 | 23.73 | 30 | PASS |
|  |         |     |     | RB3#0   | 21.45 | 23.54 | 30 | PASS |
|  |         |     |     | RB3#2   | 21.51 | 23.31 | 30 | PASS |
|  |         |     |     | RB3#3   | 21.46 | 23.64 | 30 | PASS |
|  |         |     |     | RB6#0   | 20.59 | 22.68 | 30 | PASS |
|  |         |     | MCH | RB1#0   | 21.39 | 23.47 | 30 | PASS |
|  |         |     |     | RB1#3   | 21.68 | 23.82 | 30 | PASS |
|  |         |     |     | RB1#5   | 21.73 | 23.53 | 30 | PASS |
|  |         |     |     | RB3#0   | 21.48 | 23.28 | 30 | PASS |
|  |         |     |     | RB3#2   | 21.58 | 23.72 | 30 | PASS |
|  |         |     |     | RB3#3   | 21.62 | 23.42 | 30 | PASS |
|  |         |     |     | RB6#0   | 20.45 | 22.25 | 30 | PASS |
|  |         |     | HCH | RB1#0   | 21.4  | 23.53 | 30 | PASS |
|  |         |     |     | RB1#3   | 21.63 | 23.78 | 30 | PASS |
|  |         |     |     | RB1#5   | 21.21 | 23.21 | 30 | PASS |
|  |         |     |     | RB3#0   | 21.37 | 23.17 | 30 | PASS |
|  |         |     |     | RB3#2   | 21.59 | 23.69 | 30 | PASS |
|  |         |     |     | RB3#3   | 21.54 | 23.34 | 30 | PASS |
|  |         |     |     | RB6#0   | 20.45 | 22.25 | 30 | PASS |
|  |         | 3   | LCH | RB1#0   | 21.23 | 23.03 | 30 | PASS |
|  |         |     |     | RB1#7   | 21.72 | 23.88 | 30 | PASS |
|  |         |     |     | RB1#14  | 21.49 | 23.29 | 30 | PASS |
|  |         |     |     | RB8#0   | 20.5  | 22.3  | 30 | PASS |
|  |         |     |     | RB8#4   | 20.53 | 22.66 | 30 | PASS |
|  |         |     |     | RB8#7   | 20.55 | 22.35 | 30 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB15#0  | 20.36 | 22.39 | 30 | PASS |
|  |  |    | MCH | RB1#0   | 21.25 | 23.05 | 30 | PASS |
|  |  |    |     | RB1#7   | 21.81 | 24.01 | 30 | PASS |
|  |  |    |     | RB1#14  | 21.57 | 23.37 | 30 | PASS |
|  |  |    |     | RB8#0   | 20.42 | 22.46 | 30 | PASS |
|  |  |    |     | RB8#4   | 20.49 | 22.29 | 30 | PASS |
|  |  |    |     | RB8#7   | 20.48 | 22.62 | 30 | PASS |
|  |  |    |     | RB15#0  | 20.33 | 22.5  | 30 | PASS |
|  |  |    | HCH | RB1#0   | 21.33 | 23.13 | 30 | PASS |
|  |  |    |     | RB1#7   | 21.61 | 23.41 | 30 | PASS |
|  |  |    |     | RB1#14  | 21.31 | 23.35 | 30 | PASS |
|  |  |    |     | RB8#0   | 20.4  | 22.2  | 30 | PASS |
|  |  |    |     | RB8#4   | 20.6  | 22.4  | 30 | PASS |
|  |  |    |     | RB8#7   | 20.49 | 22.59 | 30 | PASS |
|  |  |    |     | RB15#0  | 20.6  | 22.4  | 30 | PASS |
|  |  | 5  | LCH | RB1#0   | 20.98 | 23.03 | 30 | PASS |
|  |  |    |     | RB1#13  | 21.5  | 23.52 | 30 | PASS |
|  |  |    |     | RB1#24  | 21.21 | 23.01 | 30 | PASS |
|  |  |    |     | RB12#0  | 20.32 | 22.12 | 30 | PASS |
|  |  |    |     | RB12#6  | 20.53 | 22.59 | 30 | PASS |
|  |  |    |     | RB12#13 | 20.52 | 22.55 | 30 | PASS |
|  |  |    |     | RB25#0  | 20.47 | 22.57 | 30 | PASS |
|  |  |    | MCH | RB1#0   | 20.69 | 22.49 | 30 | PASS |
|  |  |    |     | RB1#13  | 21.5  | 23.53 | 30 | PASS |
|  |  |    |     | RB1#24  | 20.91 | 23.07 | 30 | PASS |
|  |  |    |     | RB12#0  | 20.24 | 22.04 | 30 | PASS |
|  |  |    |     | RB12#6  | 20.48 | 22.66 | 30 | PASS |
|  |  |    |     | RB12#13 | 20.35 | 22.15 | 30 | PASS |
|  |  |    |     | RB25#0  | 20.3  | 22.1  | 30 | PASS |
|  |  |    | HCH | RB1#0   | 21.13 | 22.93 | 30 | PASS |
|  |  |    |     | RB1#13  | 21.8  | 23.6  | 30 | PASS |
|  |  |    |     | RB1#24  | 21.05 | 22.85 | 30 | PASS |
|  |  |    |     | RB12#0  | 20.44 | 22.51 | 30 | PASS |
|  |  |    |     | RB12#6  | 20.69 | 22.49 | 30 | PASS |
|  |  |    |     | RB12#13 | 20.5  | 22.57 | 30 | PASS |
|  |  |    |     | RB25#0  | 20.62 | 22.73 | 30 | PASS |
|  |  | 10 | LCH | RB1#0   | 22.16 | 24.22 | 30 | PASS |
|  |  |    |     | RB1#25  | 22.55 | 24.63 | 30 | PASS |
|  |  |    |     | RB1#49  | 22.07 | 24.1  | 30 | PASS |
|  |  |    |     | RB25#0  | 20.72 | 22.52 | 30 | PASS |
|  |  |    |     | RB25#13 | 21.01 | 23.13 | 30 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB25#25 | 20.81 | 22.84 | 30 | PASS |
|  |  |    |     | RB50#0  | 20.7  | 22.5  | 30 | PASS |
|  |  |    | MCH | RB1#0   | 22    | 24.04 | 30 | PASS |
|  |  |    |     | RB1#25  | 22.27 | 24.07 | 30 | PASS |
|  |  |    |     | RB1#49  | 22.52 | 24.32 | 30 | PASS |
|  |  |    |     | RB25#0  | 20.4  | 22.58 | 30 | PASS |
|  |  |    |     | RB25#13 | 20.82 | 22.62 | 30 | PASS |
|  |  |    |     | RB25#25 | 20.96 | 23.01 | 30 | PASS |
|  |  |    |     | RB50#0  | 20.66 | 22.66 | 30 | PASS |
|  |  |    | HCH | RB1#0   | 22.19 | 24.34 | 30 | PASS |
|  |  |    |     | RB1#25  | 21.9  | 23.92 | 30 | PASS |
|  |  |    |     | RB1#49  | 21.58 | 23.38 | 30 | PASS |
|  |  |    |     | RB25#0  | 20.96 | 22.76 | 30 | PASS |
|  |  |    |     | RB25#13 | 20.9  | 22.7  | 30 | PASS |
|  |  |    |     | RB25#25 | 20.68 | 22.48 | 30 | PASS |
|  |  |    |     | RB50#0  | 20.89 | 22.69 | 30 | PASS |
|  |  | 15 | LCH | RB1#0   | 21.6  | 23.71 | 30 | PASS |
|  |  |    |     | RB1#38  | 22.04 | 23.84 | 30 | PASS |
|  |  |    |     | RB1#74  | 21.13 | 22.93 | 30 | PASS |
|  |  |    |     | RB38#0  | 20.53 | 22.33 | 30 | PASS |
|  |  |    |     | RB38#19 | 20.58 | 22.38 | 30 | PASS |
|  |  |    |     | RB38#39 | 20.29 | 22.09 | 30 | PASS |
|  |  |    |     | RB75#0  | 20.34 | 22.45 | 30 | PASS |
|  |  |    | MCH | RB1#0   | 21.7  | 23.83 | 30 | PASS |
|  |  |    |     | RB1#38  | 22.01 | 24.11 | 30 | PASS |
|  |  |    |     | RB1#74  | 21.57 | 23.37 | 30 | PASS |
|  |  |    |     | RB38#0  | 20.06 | 22.17 | 30 | PASS |
|  |  |    |     | RB38#19 | 20.32 | 22.12 | 30 | PASS |
|  |  |    |     | RB38#39 | 20.33 | 22.44 | 30 | PASS |
|  |  |    |     | RB75#0  | 20.39 | 22.58 | 30 | PASS |
|  |  |    | HCH | RB1#0   | 21.87 | 23.67 | 30 | PASS |
|  |  |    |     | RB1#38  | 22.17 | 23.97 | 30 | PASS |
|  |  |    |     | RB1#74  | 21.06 | 22.86 | 30 | PASS |
|  |  |    |     | RB38#0  | 20.8  | 22.99 | 30 | PASS |
|  |  |    |     | RB38#19 | 20.88 | 22.68 | 30 | PASS |
|  |  |    |     | RB38#39 | 20.64 | 22.79 | 30 | PASS |
|  |  |    |     | RB75#0  | 20.77 | 22.57 | 30 | PASS |
|  |  | 20 | LCH | RB1#0   | 22.02 | 24.07 | 30 | PASS |
|  |  |    |     | RB1#50  | 22.02 | 23.82 | 30 | PASS |
|  |  |    |     | RB1#99  | 21.65 | 23.69 | 30 | PASS |
|  |  |    |     | RB50#0  | 20.68 | 22.72 | 30 | PASS |

|                |           |                |              | RB50#25 | 20.48          | 22.28     | 30          | PASS    |
|----------------|-----------|----------------|--------------|---------|----------------|-----------|-------------|---------|
|                |           |                |              | RB50#50 | 20.38          | 22.18     | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.44          | 22.24     | 30          | PASS    |
|                |           |                | MCH          | RB1#0   | 21.89          | 24.03     | 30          | PASS    |
|                |           |                |              | RB1#50  | 22             | 24.07     | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.9           | 23.96     | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.16          | 21.96     | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.5           | 22.67     | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.65          | 22.45     | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.4           | 22.2      | 30          | PASS    |
|                |           |                | HCH          | RB1#0   | 22.08          | 24.24     | 30          | PASS    |
|                |           |                |              | RB1#50  | 22.25          | 24.3      | 30          | PASS    |
|                |           |                |              | RB1#99  | 21.26          | 23.06     | 30          | PASS    |
|                |           |                |              | RB50#0  | 20.77          | 22.57     | 30          | PASS    |
|                |           |                |              | RB50#25 | 20.96          | 22.76     | 30          | PASS    |
|                |           |                |              | RB50#50 | 20.87          | 22.67     | 30          | PASS    |
|                |           |                |              | RB100#0 | 20.83          | 22.91     | 30          | PASS    |
| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured [dBm] | ERP [dBm] | Limit [dBm] | Verdict |
| BAND5          | LTE/TM1   | 1.4            | LCH          | RB1#0   | 21.93          | 21.08     | 38.5        | PASS    |
|                |           |                |              | RB1#3   | 22.23          | 21.77     | 38.5        | PASS    |
|                |           |                |              | RB1#5   | 22.13          | 21.54     | 38.5        | PASS    |
|                |           |                |              | RB3#0   | 22             | 21.41     | 38.5        | PASS    |
|                |           |                |              | RB3#2   | 22.13          | 21.28     | 38.5        | PASS    |
|                |           |                |              | RB3#3   | 22.11          | 21.47     | 38.5        | PASS    |
|                |           |                |              | RB6#0   | 21.56          | 20.71     | 38.5        | PASS    |
|                |           |                | MCH          | RB1#0   | 21.92          | 21.36     | 38.5        | PASS    |
|                |           |                |              | RB1#3   | 21.98          | 21.13     | 38.5        | PASS    |
|                |           |                |              | RB1#5   | 21.93          | 21.08     | 38.5        | PASS    |
|                |           |                |              | RB3#0   | 21.96          | 21.37     | 38.5        | PASS    |
|                |           |                |              | RB3#2   | 21.94          | 21.37     | 38.5        | PASS    |
|                |           |                |              | RB3#3   | 21.94          | 21.09     | 38.5        | PASS    |
|                |           |                |              | RB6#0   | 21.44          | 20.59     | 38.5        | PASS    |
|                |           |                | HCH          | RB1#0   | 21.68          | 20.83     | 38.5        | PASS    |
|                |           |                |              | RB1#3   | 21.82          | 21.35     | 38.5        | PASS    |
|                |           |                |              | RB1#5   | 21.71          | 20.86     | 38.5        | PASS    |
|                |           |                |              | RB3#0   | 21.9           | 21.05     | 38.5        | PASS    |
|                |           |                |              | RB3#2   | 21.87          | 21.02     | 38.5        | PASS    |
|                |           |                |              | RB3#3   | 21.78          | 20.93     | 38.5        | PASS    |
|                |           |                |              | RB6#0   | 21.36          | 20.74     | 38.5        | PASS    |
|                |           | 3              | LCH          | RB1#0   | 21.67          | 21.08     | 38.5        | PASS    |

|  |  |   |     |         |       |       |      |      |
|--|--|---|-----|---------|-------|-------|------|------|
|  |  |   |     | RB1#7   | 22.34 | 21.83 | 38.5 | PASS |
|  |  |   |     | RB1#14  | 22.15 | 21.3  | 38.5 | PASS |
|  |  |   |     | RB8#0   | 21.46 | 20.88 | 38.5 | PASS |
|  |  |   |     | RB8#4   | 21.69 | 20.84 | 38.5 | PASS |
|  |  |   |     | RB8#7   | 21.71 | 21.13 | 38.5 | PASS |
|  |  |   |     | RB15#0  | 21.56 | 21.1  | 38.5 | PASS |
|  |  |   | MCH | RB1#0   | 21.63 | 20.99 | 38.5 | PASS |
|  |  |   |     | RB1#7   | 21.98 | 21.13 | 38.5 | PASS |
|  |  |   |     | RB1#14  | 21.82 | 21.25 | 38.5 | PASS |
|  |  |   |     | RB8#0   | 21.38 | 20.84 | 38.5 | PASS |
|  |  |   |     | RB8#4   | 21.44 | 20.59 | 38.5 | PASS |
|  |  |   |     | RB8#7   | 21.5  | 20.91 | 38.5 | PASS |
|  |  |   |     | RB15#0  | 21.37 | 20.52 | 38.5 | PASS |
|  |  |   | HCH | RB1#0   | 21.68 | 20.83 | 38.5 | PASS |
|  |  |   |     | RB1#7   | 22.1  | 21.25 | 38.5 | PASS |
|  |  |   |     | RB1#14  | 21.56 | 21.02 | 38.5 | PASS |
|  |  |   |     | RB8#0   | 21.41 | 20.83 | 38.5 | PASS |
|  |  |   |     | RB8#4   | 21.55 | 20.98 | 38.5 | PASS |
|  |  |   |     | RB8#7   | 21.38 | 20.53 | 38.5 | PASS |
|  |  |   |     | RB15#0  | 21.45 | 20.6  | 38.5 | PASS |
|  |  | 5 | LCH | RB1#0   | 21.38 | 20.53 | 38.5 | PASS |
|  |  |   |     | RB1#13  | 22.52 | 21.67 | 38.5 | PASS |
|  |  |   |     | RB1#24  | 21.84 | 20.99 | 38.5 | PASS |
|  |  |   |     | RB12#0  | 21.55 | 20.97 | 38.5 | PASS |
|  |  |   |     | RB12#6  | 21.9  | 21.05 | 38.5 | PASS |
|  |  |   |     | RB12#13 | 21.66 | 20.81 | 38.5 | PASS |
|  |  |   |     | RB25#0  | 21.66 | 20.81 | 38.5 | PASS |
|  |  |   | MCH | RB1#0   | 21.39 | 20.8  | 38.5 | PASS |
|  |  |   |     | RB1#13  | 22.13 | 21.64 | 38.5 | PASS |
|  |  |   |     | RB1#24  | 21.65 | 21.14 | 38.5 | PASS |
|  |  |   |     | RB12#0  | 21.4  | 20.9  | 38.5 | PASS |
|  |  |   |     | RB12#6  | 21.59 | 20.74 | 38.5 | PASS |
|  |  |   |     | RB12#13 | 21.45 | 20.92 | 38.5 | PASS |
|  |  |   |     | RB25#0  | 21.48 | 20.63 | 38.5 | PASS |
|  |  |   | HCH | RB1#0   | 21.71 | 21.25 | 38.5 | PASS |
|  |  |   |     | RB1#13  | 22.14 | 21.29 | 38.5 | PASS |
|  |  |   |     | RB1#24  | 21.14 | 20.56 | 38.5 | PASS |
|  |  |   |     | RB12#0  | 21.46 | 20.86 | 38.5 | PASS |
|  |  |   |     | RB12#6  | 21.56 | 20.71 | 38.5 | PASS |
|  |  |   |     | RB12#13 | 21.32 | 20.84 | 38.5 | PASS |
|  |  |   |     | RB25#0  | 21.39 | 20.82 | 38.5 | PASS |

|  |         |     |     |         |       |       |      |      |
|--|---------|-----|-----|---------|-------|-------|------|------|
|  |         | 10  | LCH | RB1#0   | 22.1  | 21.25 | 38.5 | PASS |
|  |         |     |     | RB1#25  | 22.39 | 21.54 | 38.5 | PASS |
|  |         |     |     | RB1#49  | 21.99 | 21.14 | 38.5 | PASS |
|  |         |     |     | RB25#0  | 21.42 | 20.9  | 38.5 | PASS |
|  |         |     |     | RB25#13 | 21.51 | 20.99 | 38.5 | PASS |
|  |         |     |     | RB25#25 | 21.27 | 20.66 | 38.5 | PASS |
|  |         |     |     | RB50#0  | 21.33 | 20.48 | 38.5 | PASS |
|  |         |     | MCH | RB1#0   | 21.78 | 20.93 | 38.5 | PASS |
|  |         |     |     | RB1#25  | 22.04 | 21.19 | 38.5 | PASS |
|  |         |     |     | RB1#49  | 21.97 | 21.12 | 38.5 | PASS |
|  |         |     |     | RB25#0  | 21.31 | 20.46 | 38.5 | PASS |
|  |         |     |     | RB25#13 | 21.52 | 20.88 | 38.5 | PASS |
|  |         |     |     | RB25#25 | 21.33 | 20.48 | 38.5 | PASS |
|  |         |     |     | RB50#0  | 21.31 | 20.46 | 38.5 | PASS |
|  |         |     | HCH | RB1#0   | 22.29 | 21.44 | 38.5 | PASS |
|  |         |     |     | RB1#25  | 22.6  | 21.75 | 38.5 | PASS |
|  |         |     |     | RB1#49  | 21.71 | 20.86 | 38.5 | PASS |
|  |         |     |     | RB25#0  | 21.42 | 20.57 | 38.5 | PASS |
|  |         |     |     | RB25#13 | 21.49 | 20.64 | 38.5 | PASS |
|  |         |     |     | RB25#25 | 21.22 | 20.64 | 38.5 | PASS |
|  |         |     |     | RB50#0  | 21.26 | 20.41 | 38.5 | PASS |
|  | LTE/TM2 | 1.4 | LCH | RB1#0   | 21.38 | 20.88 | 38.5 | PASS |
|  |         |     |     | RB1#3   | 21.65 | 21.01 | 38.5 | PASS |
|  |         |     |     | RB1#5   | 21.57 | 20.72 | 38.5 | PASS |
|  |         |     |     | RB3#0   | 21.5  | 20.65 | 38.5 | PASS |
|  |         |     |     | RB3#2   | 21.66 | 20.81 | 38.5 | PASS |
|  |         |     |     | RB3#3   | 21.65 | 20.8  | 38.5 | PASS |
|  |         |     |     | RB6#0   | 20.52 | 19.67 | 38.5 | PASS |
|  |         |     | MCH | RB1#0   | 21.57 | 20.72 | 38.5 | PASS |
|  |         |     |     | RB1#3   | 21.49 | 20.64 | 38.5 | PASS |
|  |         |     |     | RB1#5   | 21.6  | 20.97 | 38.5 | PASS |
|  |         |     |     | RB3#0   | 21.42 | 20.88 | 38.5 | PASS |
|  |         |     |     | RB3#2   | 21.4  | 20.55 | 38.5 | PASS |
|  |         |     |     | RB3#3   | 21.35 | 20.5  | 38.5 | PASS |
|  |         |     |     | RB6#0   | 20.42 | 19.57 | 38.5 | PASS |
|  |         |     | HCH | RB1#0   | 21.3  | 20.45 | 38.5 | PASS |
|  |         |     |     | RB1#3   | 21.45 | 20.87 | 38.5 | PASS |
|  |         |     |     | RB1#5   | 21.34 | 20.49 | 38.5 | PASS |
|  |         |     |     | RB3#0   | 21.47 | 20.94 | 38.5 | PASS |
|  |         |     |     | RB3#2   | 21.46 | 21.01 | 38.5 | PASS |
|  |         |     |     | RB3#3   | 21.38 | 20.53 | 38.5 | PASS |

|  |  |   |     |         |       |       |      |      |
|--|--|---|-----|---------|-------|-------|------|------|
|  |  |   |     | RB6#0   | 20.29 | 19.44 | 38.5 | PASS |
|  |  |   |     | RB1#0   | 21.29 | 20.67 | 38.5 | PASS |
|  |  | 3 | LCH | RB1#7   | 21.92 | 21.07 | 38.5 | PASS |
|  |  |   |     | RB1#14  | 21.75 | 20.9  | 38.5 | PASS |
|  |  |   |     | RB8#0   | 20.42 | 19.9  | 38.5 | PASS |
|  |  |   |     | RB8#4   | 20.64 | 19.79 | 38.5 | PASS |
|  |  |   |     | RB8#7   | 20.77 | 20.2  | 38.5 | PASS |
|  |  |   |     | RB15#0  | 20.48 | 19.63 | 38.5 | PASS |
|  |  |   | MCH | RB1#0   | 21.08 | 20.62 | 38.5 | PASS |
|  |  |   |     | RB1#7   | 21.38 | 20.53 | 38.5 | PASS |
|  |  |   |     | RB1#14  | 21.26 | 20.41 | 38.5 | PASS |
|  |  |   |     | RB8#0   | 20.34 | 19.79 | 38.5 | PASS |
|  |  |   |     | RB8#4   | 20.42 | 19.83 | 38.5 | PASS |
|  |  |   |     | RB8#7   | 20.49 | 19.64 | 38.5 | PASS |
|  |  |   |     | RB15#0  | 20.3  | 19.68 | 38.5 | PASS |
|  |  |   | HCH | RB1#0   | 21.32 | 20.47 | 38.5 | PASS |
|  |  |   |     | RB1#7   | 21.58 | 20.73 | 38.5 | PASS |
|  |  |   |     | RB1#14  | 21.07 | 20.22 | 38.5 | PASS |
|  |  |   |     | RB8#0   | 20.38 | 19.53 | 38.5 | PASS |
|  |  |   |     | RB8#4   | 20.52 | 19.67 | 38.5 | PASS |
|  |  |   |     | RB8#7   | 20.38 | 19.87 | 38.5 | PASS |
|  |  |   |     | RB15#0  | 20.46 | 19.61 | 38.5 | PASS |
|  |  | 5 | LCH | RB1#0   | 20.99 | 20.14 | 38.5 | PASS |
|  |  |   |     | RB1#13  | 21.98 | 21.13 | 38.5 | PASS |
|  |  |   |     | RB1#24  | 21.29 | 20.78 | 38.5 | PASS |
|  |  |   |     | RB12#0  | 20.37 | 19.52 | 38.5 | PASS |
|  |  |   |     | RB12#6  | 20.73 | 20.15 | 38.5 | PASS |
|  |  |   |     | RB12#13 | 20.52 | 19.67 | 38.5 | PASS |
|  |  |   |     | RB25#0  | 20.55 | 19.7  | 38.5 | PASS |
|  |  |   | MCH | RB1#0   | 20.8  | 19.95 | 38.5 | PASS |
|  |  |   |     | RB1#13  | 21.47 | 20.96 | 38.5 | PASS |
|  |  |   |     | RB1#24  | 21.05 | 20.2  | 38.5 | PASS |
|  |  |   |     | RB12#0  | 20.28 | 19.43 | 38.5 | PASS |
|  |  |   |     | RB12#6  | 20.49 | 19.64 | 38.5 | PASS |
|  |  |   |     | RB12#13 | 20.33 | 19.82 | 38.5 | PASS |
|  |  |   |     | RB25#0  | 20.33 | 19.48 | 38.5 | PASS |
|  |  |   | HCH | RB1#0   | 21.4  | 20.55 | 38.5 | PASS |
|  |  |   |     | RB1#13  | 21.79 | 20.94 | 38.5 | PASS |
|  |  |   |     | RB1#24  | 20.82 | 19.97 | 38.5 | PASS |
|  |  |   |     | RB12#0  | 20.33 | 19.76 | 38.5 | PASS |
|  |  |   |     | RB12#6  | 20.44 | 19.59 | 38.5 | PASS |

|                |           |                |              | RB12#13 | 20.21         | 19.36      | 38.5        | PASS    |
|----------------|-----------|----------------|--------------|---------|---------------|------------|-------------|---------|
|                |           |                |              | RB25#0  | 20.27         | 19.65      | 38.5        | PASS    |
|                |           |                | LCH          | RB1#0   | 21.87         | 21.23      | 38.5        | PASS    |
|                |           |                |              | RB1#25  | 22.13         | 21.67      | 38.5        | PASS    |
|                |           |                |              | RB1#49  | 21.81         | 20.96      | 38.5        | PASS    |
|                |           |                |              | RB25#0  | 20.39         | 19.54      | 38.5        | PASS    |
|                |           |                |              | RB25#13 | 20.48         | 19.93      | 38.5        | PASS    |
|                |           |                |              | RB25#25 | 20.25         | 19.7       | 38.5        | PASS    |
|                |           |                |              | RB50#0  | 20.33         | 19.79      | 38.5        | PASS    |
|                |           |                | MCH          | RB1#0   | 21.66         | 20.81      | 38.5        | PASS    |
|                |           |                |              | RB1#25  | 21.82         | 21.19      | 38.5        | PASS    |
|                |           |                |              | RB1#49  | 21.76         | 20.91      | 38.5        | PASS    |
|                |           |                |              | RB25#0  | 20.16         | 19.67      | 38.5        | PASS    |
|                |           |                |              | RB25#13 | 20.38         | 19.53      | 38.5        | PASS    |
|                |           |                |              | RB25#25 | 20.2          | 19.35      | 38.5        | PASS    |
|                |           |                |              | RB50#0  | 20.18         | 19.58      | 38.5        | PASS    |
|                |           |                | HCH          | RB1#0   | 21.72         | 21.23      | 38.5        | PASS    |
|                |           |                |              | RB1#25  | 22.02         | 21.38      | 38.5        | PASS    |
|                |           |                |              | RB1#49  | 21.22         | 20.37      | 38.5        | PASS    |
|                |           |                |              | RB25#0  | 20.29         | 19.67      | 38.5        | PASS    |
|                |           |                |              | RB25#13 | 20.35         | 19.5       | 38.5        | PASS    |
|                |           |                |              | RB25#25 | 20.1          | 19.64      | 38.5        | PASS    |
|                |           |                |              | RB50#0  | 20.12         | 19.64      | 38.5        | PASS    |
| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
| BAND7          | LTE/TM1   | 5              | LCH          | RB1#0   | 21.15         | 23.45      | 33          | PASS    |
|                |           |                |              | RB1#13  | 21.95         | 24.49      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.48         | 24.04      | 33          | PASS    |
|                |           |                |              | RB12#0  | 21.13         | 23.67      | 33          | PASS    |
|                |           |                |              | RB12#6  | 21.42         | 23.72      | 33          | PASS    |
|                |           |                |              | RB12#13 | 21.32         | 23.95      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.21         | 23.8       | 33          | PASS    |
|                |           |                | MCH          | RB1#0   | 22.02         | 24.32      | 33          | PASS    |
|                |           |                |              | RB1#13  | 22.71         | 25.01      | 33          | PASS    |
|                |           |                |              | RB1#24  | 21.9          | 24.58      | 33          | PASS    |
|                |           |                |              | RB12#0  | 21.92         | 24.22      | 33          | PASS    |
|                |           |                |              | RB12#6  | 22.07         | 24.58      | 33          | PASS    |
|                |           |                |              | RB12#13 | 21.9          | 24.56      | 33          | PASS    |
|                |           |                |              | RB25#0  | 21.97         | 24.27      | 33          | PASS    |
|                |           |                | HCH          | RB1#0   | 21.74         | 24.3       | 33          | PASS    |
|                |           |                |              | RB1#13  | 22.17         | 24.47      | 33          | PASS    |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB1#24  | 21.42 | 23.72 | 33 | PASS |
|  |  |    |     | RB12#0  | 21.48 | 24.11 | 33 | PASS |
|  |  |    |     | RB12#6  | 21.67 | 23.97 | 33 | PASS |
|  |  |    |     | RB12#13 | 21.46 | 24.15 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.53 | 23.83 | 33 | PASS |
|  |  | 10 | LCH | RB1#0   | 21.64 | 23.94 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.52 | 25.16 | 33 | PASS |
|  |  |    |     | RB1#49  | 22.22 | 24.52 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.45 | 24    | 33 | PASS |
|  |  |    |     | RB25#13 | 21.92 | 24.22 | 33 | PASS |
|  |  |    |     | RB25#25 | 21.64 | 23.94 | 33 | PASS |
|  |  |    |     | RB50#0  | 21.7  | 24.28 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 22.66 | 24.96 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.87 | 25.17 | 33 | PASS |
|  |  |    |     | RB1#49  | 22.24 | 24.54 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.9  | 24.2  | 33 | PASS |
|  |  |    |     | RB25#13 | 22.14 | 24.44 | 33 | PASS |
|  |  |    |     | RB25#25 | 21.76 | 24.42 | 33 | PASS |
|  |  |    |     | RB50#0  | 21.93 | 24.23 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 22.49 | 24.79 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.5  | 24.8  | 33 | PASS |
|  |  |    |     | RB1#49  | 21.72 | 24.02 | 33 | PASS |
|  |  |    |     | RB25#0  | 21.55 | 23.85 | 33 | PASS |
|  |  |    |     | RB25#13 | 21.73 | 24.03 | 33 | PASS |
|  |  |    |     | RB25#25 | 21.54 | 24.2  | 33 | PASS |
|  |  |    |     | RB50#0  | 21.8  | 24.1  | 33 | PASS |
|  |  | 15 | LCH | RB1#0   | 21.52 | 24.17 | 33 | PASS |
|  |  |    |     | RB1#38  | 22.31 | 24.87 | 33 | PASS |
|  |  |    |     | RB1#74  | 21.35 | 23.65 | 33 | PASS |
|  |  |    |     | RB36#0  | 21.35 | 23.86 | 33 | PASS |
|  |  |    |     | RB36#18 | 21.47 | 23.77 | 33 | PASS |
|  |  |    |     | RB36#39 | 21.46 | 23.76 | 33 | PASS |
|  |  |    |     | RB75#0  | 21.53 | 23.83 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.99 | 24.53 | 33 | PASS |
|  |  |    |     | RB1#38  | 22.37 | 24.92 | 33 | PASS |
|  |  |    |     | RB1#74  | 21.49 | 24.06 | 33 | PASS |
|  |  |    |     | RB36#0  | 21.6  | 23.9  | 33 | PASS |
|  |  |    |     | RB36#18 | 21.71 | 24.37 | 33 | PASS |
|  |  |    |     | RB36#39 | 21.5  | 23.8  | 33 | PASS |
|  |  |    |     | RB75#0  | 21.68 | 23.98 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.94 | 24.24 | 33 | PASS |

|  |         |    |     |         |       |       |    |      |
|--|---------|----|-----|---------|-------|-------|----|------|
|  |         |    |     | RB1#38  | 22.15 | 24.71 | 33 | PASS |
|  |         |    |     | RB1#74  | 21.07 | 23.59 | 33 | PASS |
|  |         |    |     | RB36#0  | 21.51 | 23.81 | 33 | PASS |
|  |         |    |     | RB36#18 | 21.48 | 23.78 | 33 | PASS |
|  |         |    |     | RB36#39 | 21.3  | 23.93 | 33 | PASS |
|  |         |    |     | RB75#0  | 21.55 | 23.85 | 33 | PASS |
|  |         | 20 | LCH | RB1#0   | 21.17 | 23.47 | 33 | PASS |
|  |         |    |     | RB1#50  | 21.81 | 24.11 | 33 | PASS |
|  |         |    |     | RB1#99  | 21.17 | 23.83 | 33 | PASS |
|  |         |    |     | RB50#0  | 21.09 | 23.79 | 33 | PASS |
|  |         |    |     | RB50#25 | 21.29 | 23.59 | 33 | PASS |
|  |         |    |     | RB50#50 | 21.48 | 23.78 | 33 | PASS |
|  |         |    |     | RB100#0 | 21.47 | 23.77 | 33 | PASS |
|  |         |    | MCH | RB1#0   | 21.8  | 24.46 | 33 | PASS |
|  |         |    |     | RB1#50  | 22.16 | 24.82 | 33 | PASS |
|  |         |    |     | RB1#99  | 21.42 | 23.72 | 33 | PASS |
|  |         |    |     | RB50#0  | 21.63 | 24.3  | 33 | PASS |
|  |         |    |     | RB50#25 | 21.48 | 24.13 | 33 | PASS |
|  |         |    |     | RB50#50 | 21.29 | 23.95 | 33 | PASS |
|  |         |    |     | RB100#0 | 21.51 | 24.15 | 33 | PASS |
|  |         |    | HCH | RB1#0   | 21.73 | 24.03 | 33 | PASS |
|  |         |    |     | RB1#50  | 21.92 | 24.22 | 33 | PASS |
|  |         |    |     | RB1#99  | 20.96 | 23.26 | 33 | PASS |
|  |         |    |     | RB50#0  | 21.13 | 23.67 | 33 | PASS |
|  |         |    |     | RB50#25 | 21.26 | 23.82 | 33 | PASS |
|  |         |    |     | RB50#50 | 21.2  | 23.77 | 33 | PASS |
|  |         |    |     | RB100#0 | 21.41 | 23.71 | 33 | PASS |
|  | LTE/TM2 | 5  | LCH | RB1#0   | 20.85 | 23.37 | 33 | PASS |
|  |         |    |     | RB1#13  | 21.66 | 23.96 | 33 | PASS |
|  |         |    |     | RB1#24  | 21.22 | 23.81 | 33 | PASS |
|  |         |    |     | RB12#0  | 20.24 | 22.54 | 33 | PASS |
|  |         |    |     | RB12#6  | 20.53 | 23.13 | 33 | PASS |
|  |         |    |     | RB12#13 | 20.48 | 22.78 | 33 | PASS |
|  |         |    |     | RB25#0  | 20.38 | 22.68 | 33 | PASS |
|  |         |    | MCH | RB1#0   | 21.42 | 23.94 | 33 | PASS |
|  |         |    |     | RB1#13  | 22.09 | 24.63 | 33 | PASS |
|  |         |    |     | RB1#24  | 21.3  | 23.6  | 33 | PASS |
|  |         |    |     | RB12#0  | 20.83 | 23.47 | 33 | PASS |
|  |         |    |     | RB12#6  | 21    | 23.3  | 33 | PASS |
|  |         |    |     | RB12#13 | 20.83 | 23.13 | 33 | PASS |
|  |         |    |     | RB25#0  | 20.85 | 23.15 | 33 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    | HCH | RB1#0   | 21.3  | 23.97 | 33 | PASS |
|  |  |    |     | RB1#13  | 21.8  | 24.34 | 33 | PASS |
|  |  |    |     | RB1#24  | 21.05 | 23.35 | 33 | PASS |
|  |  |    |     | RB12#0  | 20.43 | 23.08 | 33 | PASS |
|  |  |    |     | RB12#6  | 20.63 | 22.93 | 33 | PASS |
|  |  |    |     | RB12#13 | 20.42 | 22.98 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.54 | 22.84 | 33 | PASS |
|  |  | 10 | LCH | RB1#0   | 21.54 | 24.14 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.27 | 24.88 | 33 | PASS |
|  |  |    |     | RB1#49  | 21.89 | 24.59 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.46 | 22.76 | 33 | PASS |
|  |  |    |     | RB25#13 | 20.92 | 23.22 | 33 | PASS |
|  |  |    |     | RB25#25 | 20.65 | 22.95 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.7  | 23.25 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 22.35 | 24.65 | 33 | PASS |
|  |  |    |     | RB1#25  | 22.53 | 25.14 | 33 | PASS |
|  |  |    |     | RB1#49  | 21.92 | 24.22 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.86 | 23.16 | 33 | PASS |
|  |  |    |     | RB25#13 | 21.1  | 23.61 | 33 | PASS |
|  |  |    |     | RB25#25 | 20.72 | 23.34 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.86 | 23.16 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.91 | 24.21 | 33 | PASS |
|  |  |    |     | RB1#25  | 21.97 | 24.5  | 33 | PASS |
|  |  |    |     | RB1#49  | 21.23 | 23.75 | 33 | PASS |
|  |  |    |     | RB25#0  | 20.54 | 23.21 | 33 | PASS |
|  |  |    |     | RB25#13 | 20.75 | 23.05 | 33 | PASS |
|  |  |    |     | RB25#25 | 20.55 | 23.13 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.78 | 23.08 | 33 | PASS |
|  |  | 15 | LCH | RB1#0   | 21.04 | 23.73 | 33 | PASS |
|  |  |    |     | RB1#38  | 21.84 | 24.14 | 33 | PASS |
|  |  |    |     | RB1#74  | 20.88 | 23.18 | 33 | PASS |
|  |  |    |     | RB36#0  | 20.36 | 22.66 | 33 | PASS |
|  |  |    |     | RB36#18 | 20.38 | 23.08 | 33 | PASS |
|  |  |    |     | RB36#39 | 20.36 | 22.88 | 33 | PASS |
|  |  |    |     | RB75#0  | 20.46 | 22.76 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.68 | 24.33 | 33 | PASS |
|  |  |    |     | RB1#38  | 22.05 | 24.72 | 33 | PASS |
|  |  |    |     | RB1#74  | 21.19 | 23.86 | 33 | PASS |
|  |  |    |     | RB36#0  | 20.61 | 23.28 | 33 | PASS |
|  |  |    |     | RB36#18 | 20.68 | 22.98 | 33 | PASS |
|  |  |    |     | RB36#39 | 20.46 | 22.97 | 33 | PASS |

|  |  |    |     |         |       |       |    |      |
|--|--|----|-----|---------|-------|-------|----|------|
|  |  |    |     | RB75#0  | 20.65 | 22.95 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.52 | 23.82 | 33 | PASS |
|  |  |    |     | RB1#38  | 21.67 | 24.28 | 33 | PASS |
|  |  |    |     | RB1#74  | 20.64 | 23.16 | 33 | PASS |
|  |  |    |     | RB36#0  | 20.55 | 22.85 | 33 | PASS |
|  |  |    |     | RB36#18 | 20.53 | 22.83 | 33 | PASS |
|  |  |    |     | RB36#39 | 20.39 | 22.69 | 33 | PASS |
|  |  |    |     | RB75#0  | 20.58 | 23.25 | 33 | PASS |
|  |  | 20 | LCH | RB1#0   | 20.87 | 23.56 | 33 | PASS |
|  |  |    |     | RB1#50  | 21.46 | 23.76 | 33 | PASS |
|  |  |    |     | RB1#99  | 20.9  | 23.2  | 33 | PASS |
|  |  |    |     | RB50#0  | 19.9  | 22.43 | 33 | PASS |
|  |  |    |     | RB50#25 | 20.18 | 22.48 | 33 | PASS |
|  |  |    |     | RB50#50 | 20.4  | 23.02 | 33 | PASS |
|  |  |    |     | RB100#0 | 20.29 | 22.95 | 33 | PASS |
|  |  |    | MCH | RB1#0   | 21.54 | 24.22 | 33 | PASS |
|  |  |    |     | RB1#50  | 21.85 | 24.41 | 33 | PASS |
|  |  |    |     | RB1#99  | 20.94 | 23.61 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.59 | 22.89 | 33 | PASS |
|  |  |    |     | RB50#25 | 20.44 | 22.74 | 33 | PASS |
|  |  |    |     | RB50#50 | 20.28 | 22.58 | 33 | PASS |
|  |  |    |     | RB100#0 | 20.49 | 22.79 | 33 | PASS |
|  |  |    | HCH | RB1#0   | 21.55 | 24.06 | 33 | PASS |
|  |  |    |     | RB1#50  | 21.72 | 24.41 | 33 | PASS |
|  |  |    |     | RB1#99  | 20.62 | 23.26 | 33 | PASS |
|  |  |    |     | RB50#0  | 20.11 | 22.41 | 33 | PASS |
|  |  |    |     | RB50#25 | 20.24 | 22.54 | 33 | PASS |
|  |  |    |     | RB50#50 | 20.23 | 22.77 | 33 | PASS |
|  |  |    |     | RB100#0 | 20.39 | 22.69 | 33 | PASS |

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS

## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

| Test Band | Test Mode | Test Channel | Measured[dB] | Limit [dB] | Verdict |
|-----------|-----------|--------------|--------------|------------|---------|
| GSM850    | GSM/TM1   | LCH          | 0.19         | 13         | PASS    |
|           |           | MCH          | 0.17         | 13         | PASS    |
|           |           | HCH          | 0.16         | 13         | PASS    |
|           | GSM/TM2   | LCH          | 2.96         | 13         | PASS    |
|           |           | MCH          | 3.02         | 13         | PASS    |
|           |           | HCH          | 2.99         | 13         | PASS    |
| GSM1900   | GSM/TM1   | LCH          | 0.14         | 13         | PASS    |
|           |           | MCH          | 0.15         | 13         | PASS    |
|           |           | HCH          | 0.16         | 13         | PASS    |
|           | GSM/TM2   | LCH          | 2.89         | 13         | PASS    |
|           |           | MCH          | 3            | 13         | PASS    |
|           |           | HCH          | 3.06         | 13         | PASS    |
| Test Band | Test Mode | Test Channel | Measured[dB] | Limit [dB] | Verdict |
| WCDMA850  | UMTS/TM1  | LCH          | 3.09         | 13         | PASS    |
|           |           | MCH          | 3.04         | 13         | PASS    |
|           |           | HCH          | 3.16         | 13         | PASS    |
| WCDMA1900 | UMTS/TM1  | LCH          | 2.93         | 13         | PASS    |
|           |           | MCH          | 3.14         | 13         | PASS    |
|           |           | HCH          | 3.02         | 13         | PASS    |
| WCDMA1700 | UMTS/TM1  | LCH          | 2.7          | 13         | PASS    |
|           |           | MCH          | 2.94         | 13         | PASS    |
|           |           | HCH          | 2.82         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
| BAND2              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.29         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.22         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5            | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.87         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.17         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.27         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 3.89         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.13         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.41         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.17         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.11         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.79         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.58         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.83         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.96         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.7          | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.1          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.3          | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.79         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 3.94         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 5                    |              | RB8#0   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.5          | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.63         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.86         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.02         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.74         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.99         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.52         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.7          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.19         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.66         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.42         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.4          | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.26         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      | HCH          | RB1#0   | 4.49         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.95         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.89         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.72         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.23         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.59         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.47         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.56         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.21         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.75         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.12         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.4          | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.46         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.79         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.32         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#25 | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.41         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.66         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.31         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.15         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.33         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.67         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.68         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.53         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.26         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.78         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.79         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6            | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.64         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.56         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.47         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.81         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.02         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#7   | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.82         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.62         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.61         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.87         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.4          | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.96         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.34         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.62         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.79         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.62         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.9          | 13         | PASS    |
|                    |           |                      | MCH          | RB25#0  | 7.18         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.97         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.6          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.57         | 13         | PASS    |
|                    |           |                      | HCH          | RB12#13 | 6.58         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.3          | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.57         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.41         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6            | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.7          | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 5.11         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7            | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.7          | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB25#25 | 6.93         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.84         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.51         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.94         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.62         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.71         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.01         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.71         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.69         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.22         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 7.19         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.34         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.52         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.47         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 7.26         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 7.26         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.43         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 7.16         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.82         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.62         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.19         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.34         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#99  | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.1          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.18         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 7.29         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.5          | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.26         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 7.08         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.89         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.44         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.74         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.05         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.98         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.65         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.23         | 13         | PASS    |
| BAND4              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 4.53         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.28         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.49         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.72         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.5          | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.39         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.95         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.81         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 3.8          | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 3.85         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 4.35         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 4.44         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 4.42         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 3                    |              | RB6#0   | 4.94         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 4.49         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#7   | 4.18         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.39         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.08         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.52         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.82         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.86         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 3.95         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 3.91         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 4.88         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.3          | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 4.38         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.07         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.32         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.23         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.62         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.6          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.83         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.69         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.05         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.33         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.03         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.61         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 10                   |              | RB12#0  | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.32         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 3.99         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.8          | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.28         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.64         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.58         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.25         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.86         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.14         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.68         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.62         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.16         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.51         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.31         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.14         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.25         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.88         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.52         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.15         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.07         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.72         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.25         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.41         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      | HCH          | RB1#0   | 4.47         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.75         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.45         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 4.77         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.56         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.14         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.49         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.14         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.28         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.2          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.33         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 3.91         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.55         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 4.9          | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.58         | 13         | PASS    |
|                    | LTE/TM2   | 1.4                  | LCH          | RB1#0   | 5            | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.49         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.07         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.69         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.12         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB3#2   | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.14         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.69         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.3          | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.13         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.14         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.9          | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.75         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.36         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.59         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.55         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.96         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.1          | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.05         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.84         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.06         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.43         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.86         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#13  | 5.44         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.72         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.39         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.55         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.94         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.81         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.55         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.79         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.15         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.48         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.55         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.28         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.94         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.69         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.53         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.08         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.28         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.75         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.7          | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.4          | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6            | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.42         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB38#39 | 6.97         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.03         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.2          | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.92         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 6.86         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.84         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 7.05         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.33         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 5.03         | 13         | PASS    |
|                    |           |                      |              | RB38#0  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB38#19 | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB38#39 | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.4          | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.59         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.02         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.43         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.58         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.93         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 7.04         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 5.46         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.85         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.88         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.66         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.73         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.95         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.53         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.54         | 13         | PASS    |
| BAND5              | LTE/TM1   | 1.4                  | LCH          | RB1#0   | 4.96         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.94         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#5   | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.34         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.08         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.13         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.97         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.37         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.86         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 5.64         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 5.39         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.7          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.69         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.8          | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 5.93         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.76         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.86         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.09         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 4.68         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 5.88         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 5.65         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 5.82         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           | 5                    |              | RB15#0  | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB1#0   | 5.37         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#13  | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.86         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.04         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.36         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.07         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.8          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.76         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.93         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.18         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.88         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.09         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.22         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.62         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.89         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.78         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.24         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.98         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.99         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.37         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.2          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.71         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.62         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    | LTE/TM2   |                      |              | RB25#0  | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 6.07         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6.11         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.37         | 13         | PASS    |
|                    |           | 1.4                  | LCH          | RB1#0   | 6.12         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.34         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.53         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.27         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.77         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.93         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.41         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.49         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 6.71         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.78         | 13         | PASS    |
|                    |           |                      |              | RB1#3   | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB1#5   | 5.57         | 13         | PASS    |
|                    |           |                      |              | RB3#0   | 6.13         | 13         | PASS    |
|                    |           |                      |              | RB3#2   | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB3#3   | 6.08         | 13         | PASS    |
|                    |           |                      |              | RB6#0   | 7.05         | 13         | PASS    |
|                    |           | 3                    | LCH          | RB1#0   | 6.48         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.75         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.92         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.93         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.91         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.38         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.39         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.46         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.7          | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      | HCH          | RB1#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#7   | 5.4          | 13         | PASS    |
|                    |           |                      |              | RB1#14  | 5.63         | 13         | PASS    |
|                    |           |                      |              | RB8#0   | 6.56         | 13         | PASS    |
|                    |           |                      |              | RB8#4   | 6.47         | 13         | PASS    |
|                    |           |                      |              | RB8#7   | 6.51         | 13         | PASS    |
|                    |           |                      |              | RB15#0  | 6.53         | 13         | PASS    |
|                    |           | 5                    | LCH          | RB1#0   | 5.92         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.59         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.87         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 7.08         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.84         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 7.09         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.99         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.99         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.71         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 6.14         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.96         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.94         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 7.11         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.31         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 5.54         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.77         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.74         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 6.55         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 6.63         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7            | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 6.03         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.86         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.68         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.19         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.01         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.05         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.05         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.73         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.96         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.85         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB25#13 | 6.89         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.05         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.21         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.95         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 5.73         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 7.34         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 7.11         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 7.24         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 7.01         | 13         | PASS    |
| BAND7              | LTE/TM1   | 5                    | LCH          | RB1#0   | 4.5          | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.9          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.3          | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5            | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.72         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.17         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.49         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 3.97         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.36         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.16         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.17         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.49         | 13         | PASS    |
|                    |           | 10                   | HCH          | RB1#0   | 4.52         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.1          | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.22         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.22         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.68         | 13         | PASS    |
|                    |           |                      | LCH          | RB1#0   | 3.91         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.74         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.92         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.11         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.67         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.38         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 3.87         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#25  | 3.68         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.92         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 4.87         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.58         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 3.74         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 3.77         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 3.85         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.33         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.51         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 4.12         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.98         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.16         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 5.31         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 5.53         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.86         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.1          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 3.85         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.09         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.25         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 5.42         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.98         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.2          | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.07         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.35         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 5.32         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.21         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 5.26         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 5.69         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.31         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.49         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.56         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.43         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB50#50 | 5.38         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.87         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.48         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.29         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.51         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.41         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.45         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.6          | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.03         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.53         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.37         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 5.4          | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 5.43         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 5.66         | 13         | PASS    |
|                    | LTE/TM2   | 5                    | LCH          | RB1#0   | 5.04         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.42         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.93         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.74         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.36         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.64         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.11         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 5.27         | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.65         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 5.19         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 5.82         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.61         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.26         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 5.1          | 13         | PASS    |
|                    |           |                      |              | RB1#13  | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB1#24  | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB12#0  | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB12#6  | 5.66         | 13         | PASS    |
|                    |           |                      |              | RB12#13 | 5.81         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.49         | 13         | PASS    |
|                    |           | 10                   | LCH          | RB1#0   | 4.62         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.31         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB1#49  | 4.46         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.5          | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.98         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.14         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.59         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.41         | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.43         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.09         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.67         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 6            | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.4          | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.51         | 13         | PASS    |
|                    |           |                      |              | RB1#25  | 4.6          | 13         | PASS    |
|                    |           |                      |              | RB1#49  | 4.58         | 13         | PASS    |
|                    |           |                      |              | RB25#0  | 6.16         | 13         | PASS    |
|                    |           |                      |              | RB25#13 | 5.85         | 13         | PASS    |
|                    |           |                      |              | RB25#25 | 5.89         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.26         | 13         | PASS    |
|                    |           | 15                   | LCH          | RB1#0   | 5.06         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.64         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.75         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 5.91         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 6.15         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.59         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.95         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.73         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.84         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 6.21         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 6.01         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 6.02         | 13         | PASS    |
|                    |           |                      |              | RB75#0  | 6.65         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#38  | 4.77         | 13         | PASS    |
|                    |           |                      |              | RB1#74  | 4.97         | 13         | PASS    |
|                    |           |                      |              | RB36#0  | 6.19         | 13         | PASS    |
|                    |           |                      |              | RB36#18 | 6.05         | 13         | PASS    |
|                    |           |                      |              | RB36#39 | 6.12         | 13         | PASS    |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|--------------------|-----------|----------------------|--------------|---------|--------------|------------|---------|
|                    |           |                      |              | RB75#0  | 6.61         | 13         | PASS    |
|                    |           | 20                   | LCH          | RB1#0   | 4.98         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.83         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 5.01         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.44         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.41         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.36         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.64         | 13         | PASS    |
|                    |           |                      | MCH          | RB1#0   | 4.9          | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.59         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.92         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.29         | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.17         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.18         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.68         | 13         | PASS    |
|                    |           |                      | HCH          | RB1#0   | 4.91         | 13         | PASS    |
|                    |           |                      |              | RB1#50  | 4.82         | 13         | PASS    |
|                    |           |                      |              | RB1#99  | 4.79         | 13         | PASS    |
|                    |           |                      |              | RB50#0  | 6.5          | 13         | PASS    |
|                    |           |                      |              | RB50#25 | 6.33         | 13         | PASS    |
|                    |           |                      |              | RB50#50 | 6.32         | 13         | PASS    |
|                    |           |                      |              | RB100#0 | 6.56         | 13         | PASS    |

## 3Appendix\_C: Modulation Characteristics

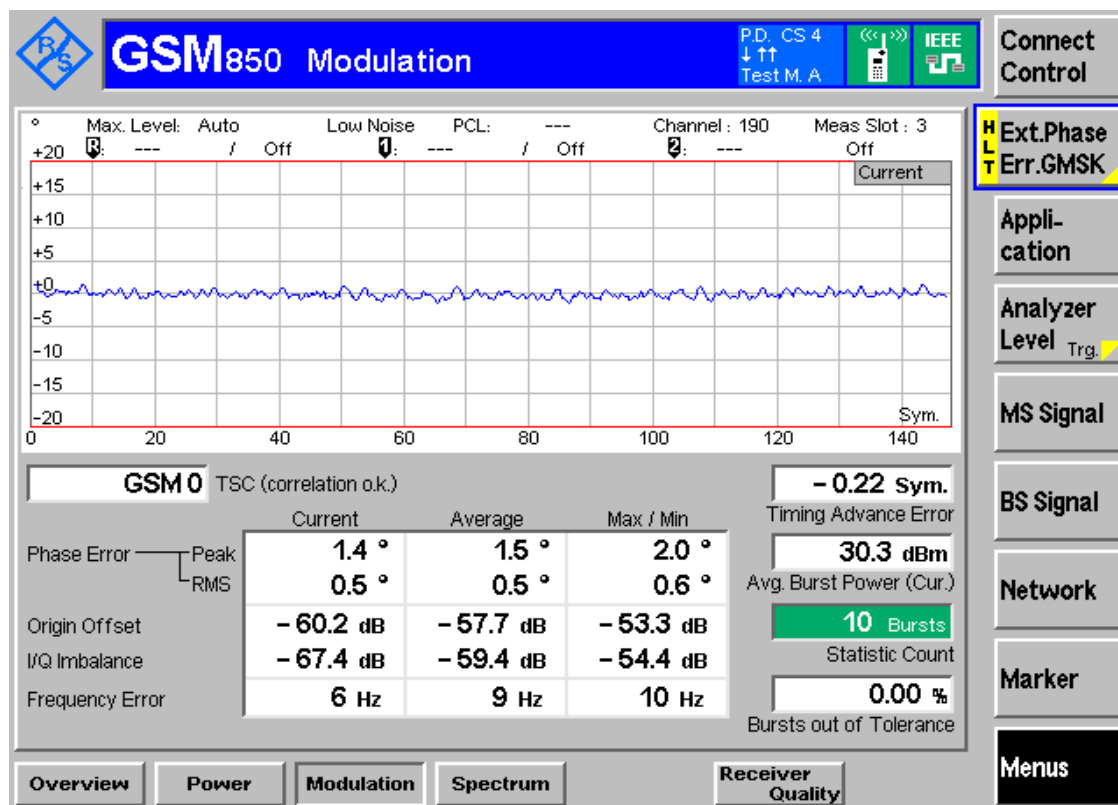
### Part I - Test Plots

#### 3.1 For GSM

##### 3.1.1 Test Band = GSM850

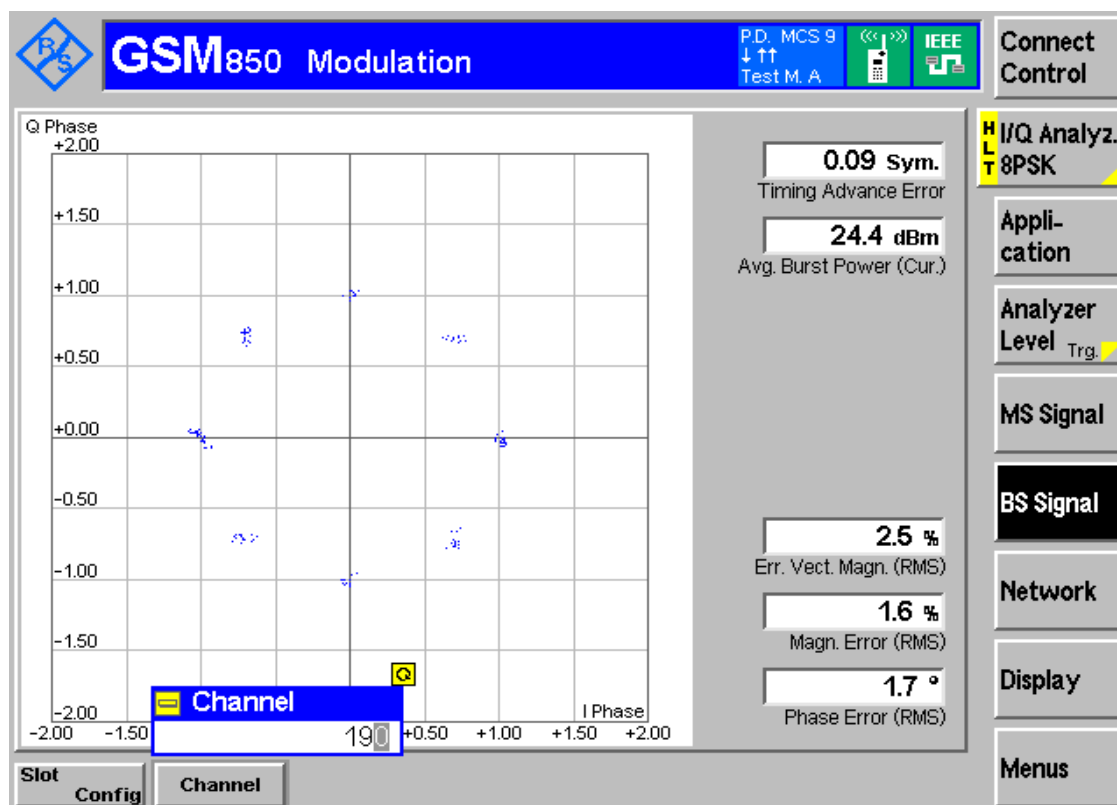
##### 3.1.1.1 Test Mode = GSM/TM1

##### 3.1.1.1.1 Test Channel = MCH



### 3.1.1.2 Test Mode = GSM/TM2

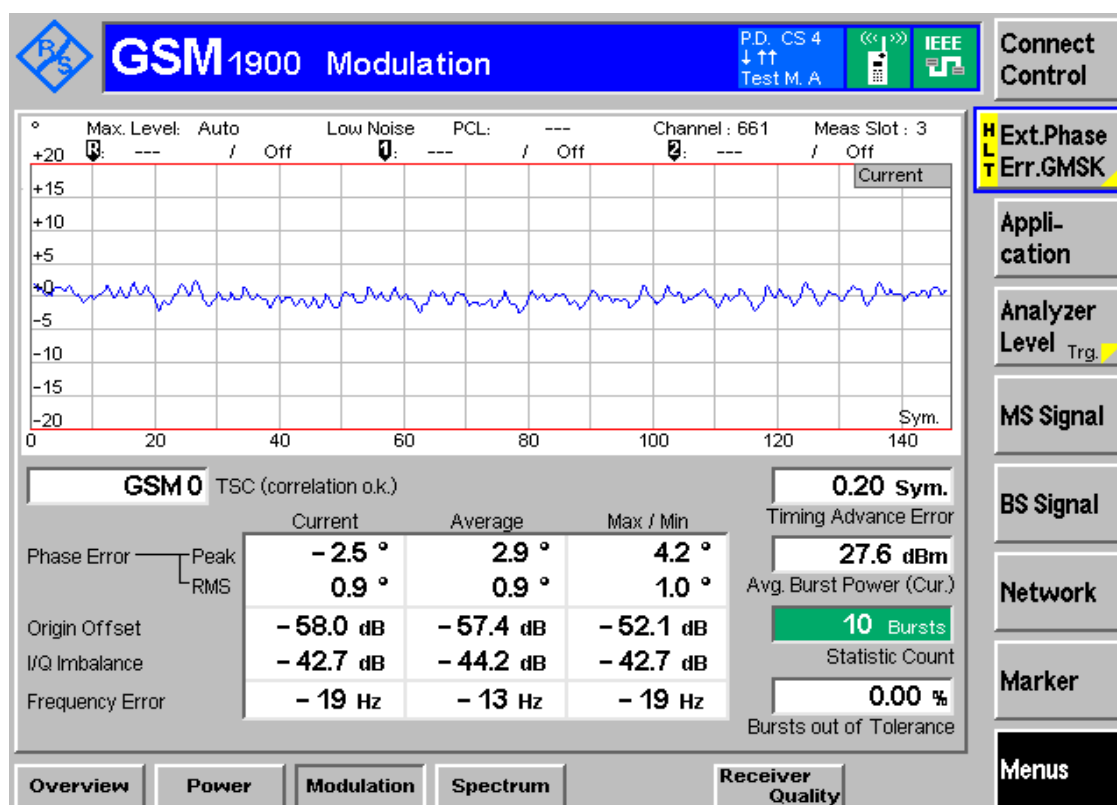
#### 3.1.1.2.1 Test Channel = MCH



### 3.1.2 Test Band = GSM1900

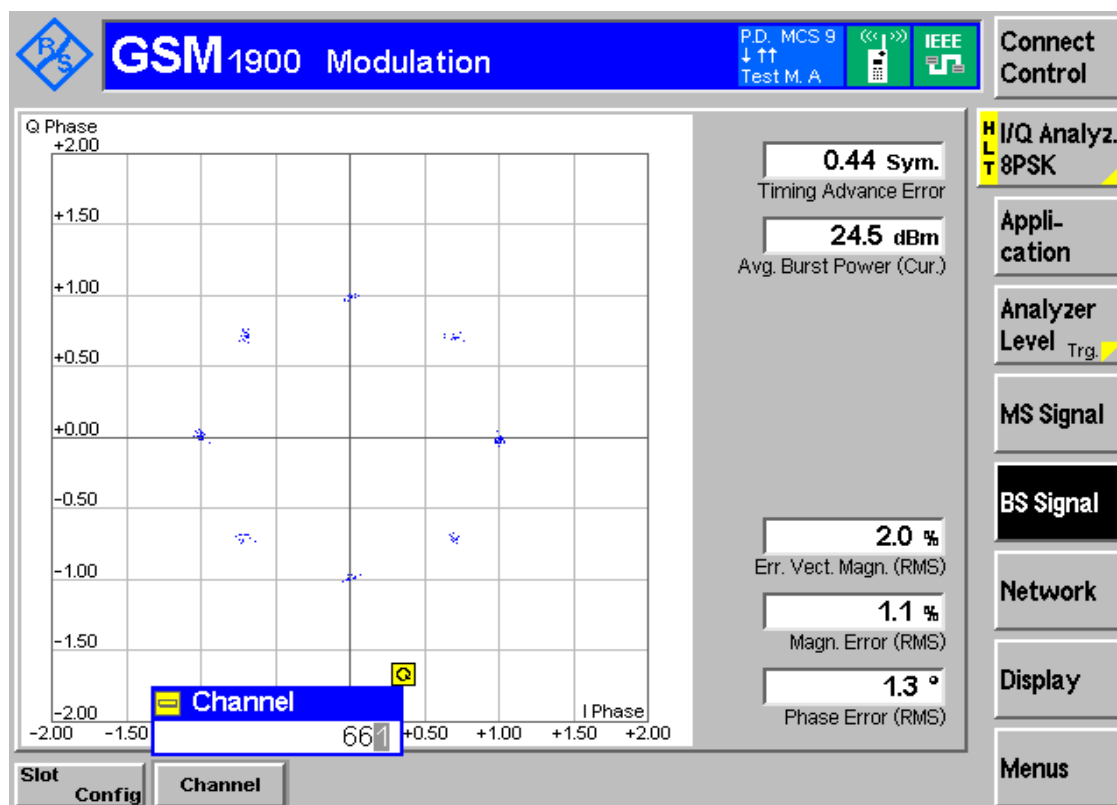
#### 3.1.2.1 Test Mode = GSM/TM1

##### 3.1.2.1.1 Test Channel = MCH



### 3.1.2.2 Test Mode = GSM/TM2

#### 3.1.2.2.1 Test Channel = MCH

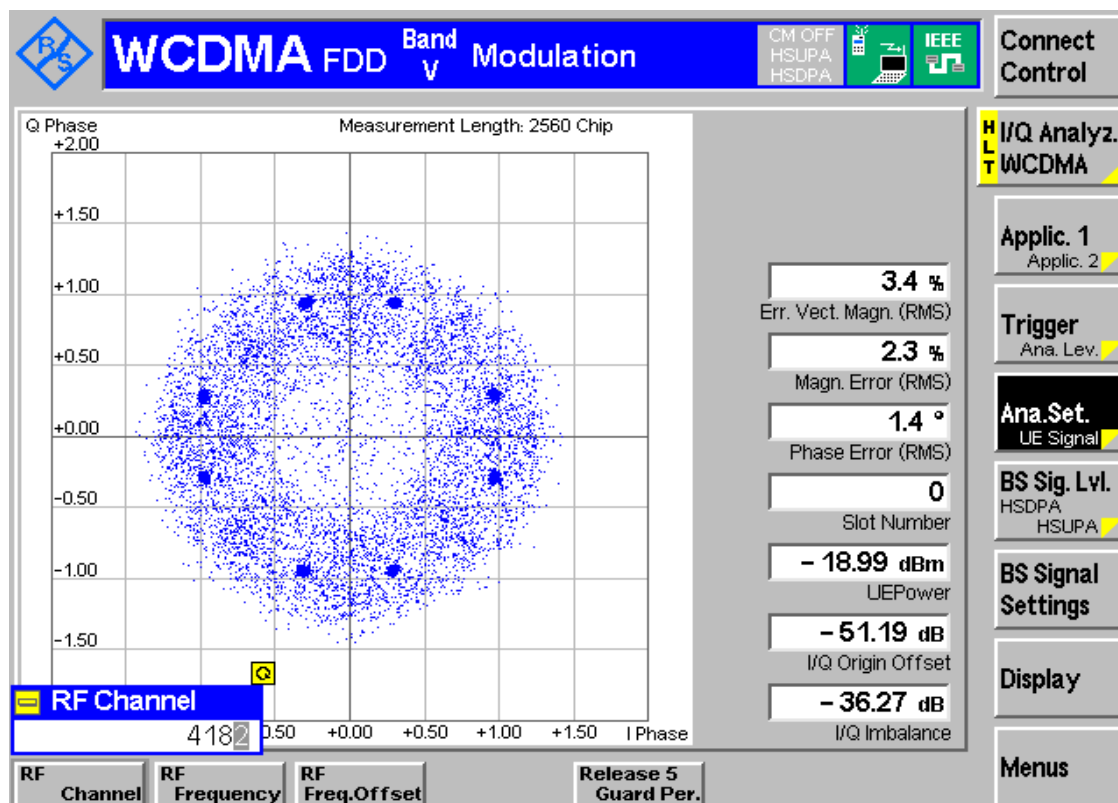


## 3.2 For UMTS

### 3.2.1 Test Band = WCDMA850

#### 3.2.1.1 Test Mode = UMTS/TM1

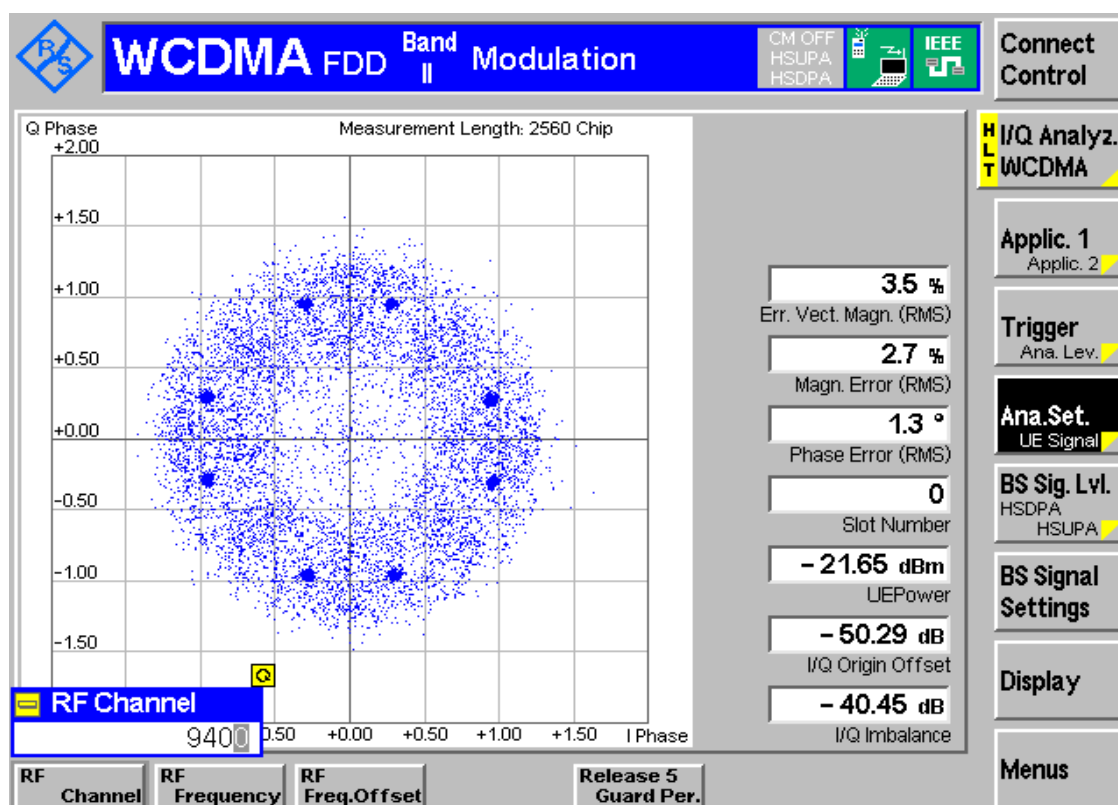
##### 3.2.1.1.1 Test Channel = MCH



### 3.2.2 Test Band = WCDMA1900

#### 3.2.2.1 Test Mode = UMTS/TM1

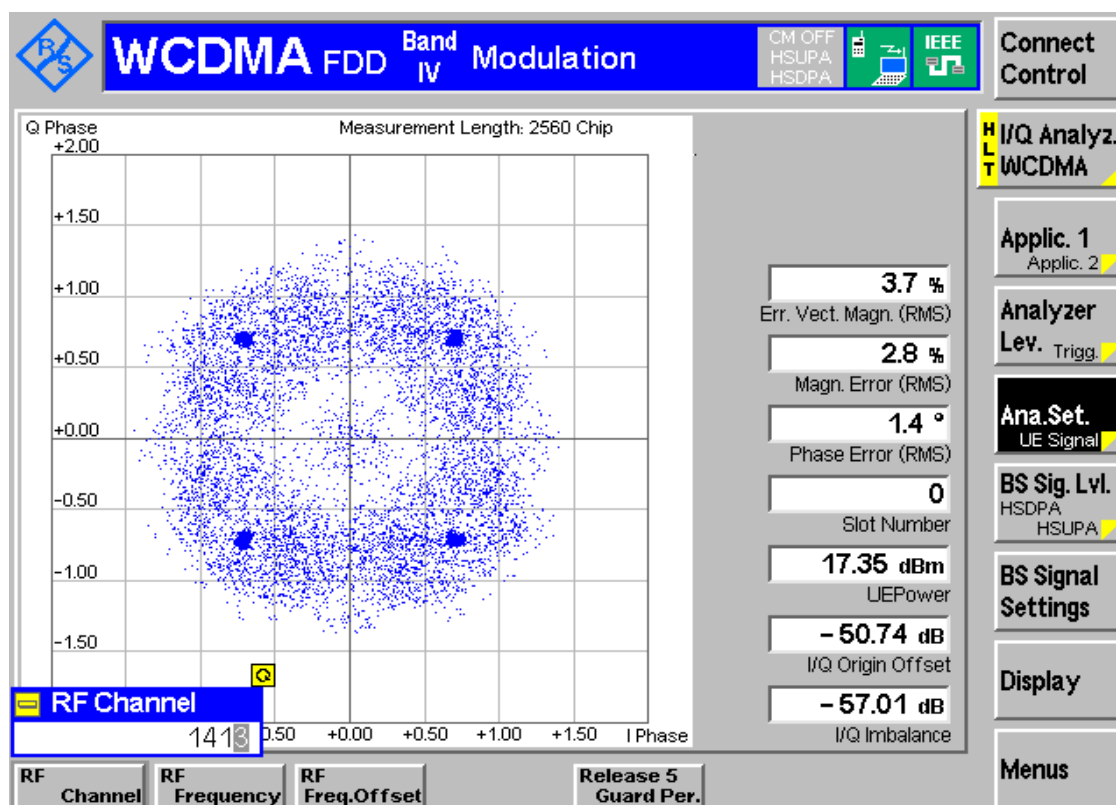
##### 3.2.2.1.1 Test Channel = MCH



### 3.2.3 Test Band = WCDMA1700

#### 3.2.3.1 Test Mode = UMTS/TM1

##### 3.2.3.1.1 Test Channel = MCH



### 3.3 For LTE

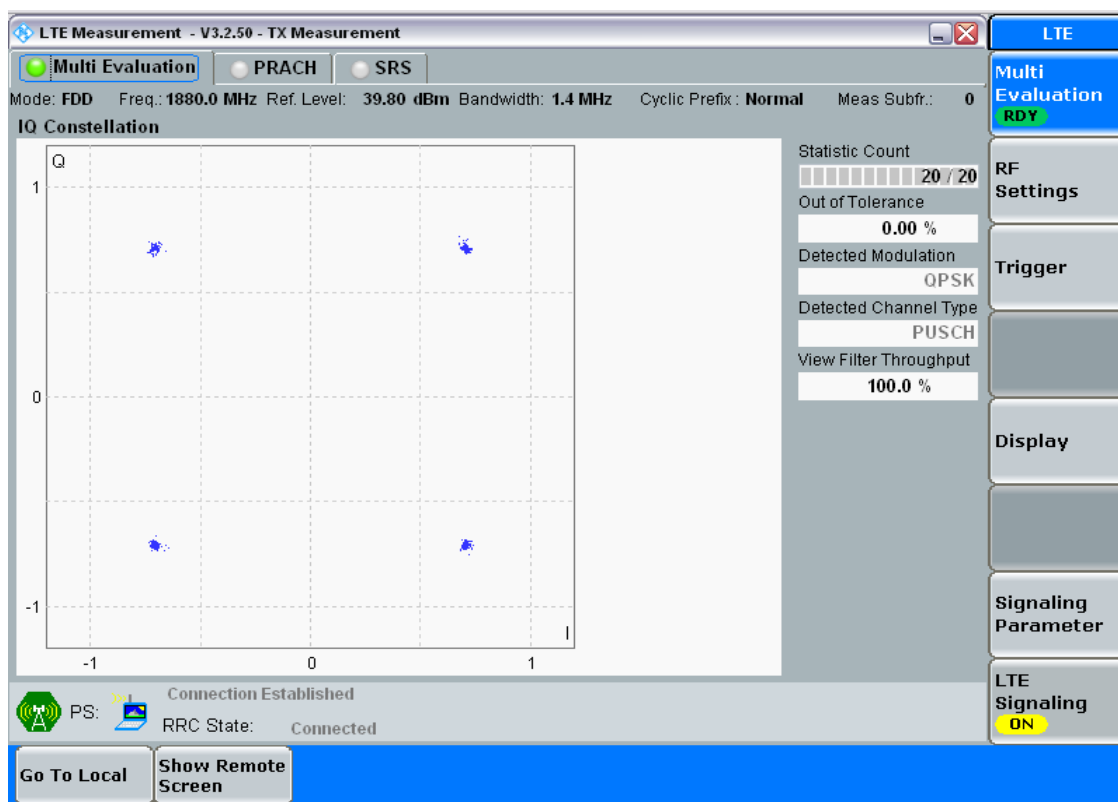
#### 3.3.1 Test Band = BAND2

##### 3.3.1.1 Test Mode = LTE/TM1

##### 3.3.1.1.1 Test Bandwidth = 1.4

##### 3.3.1.1.1.1 Test Channel = MCH

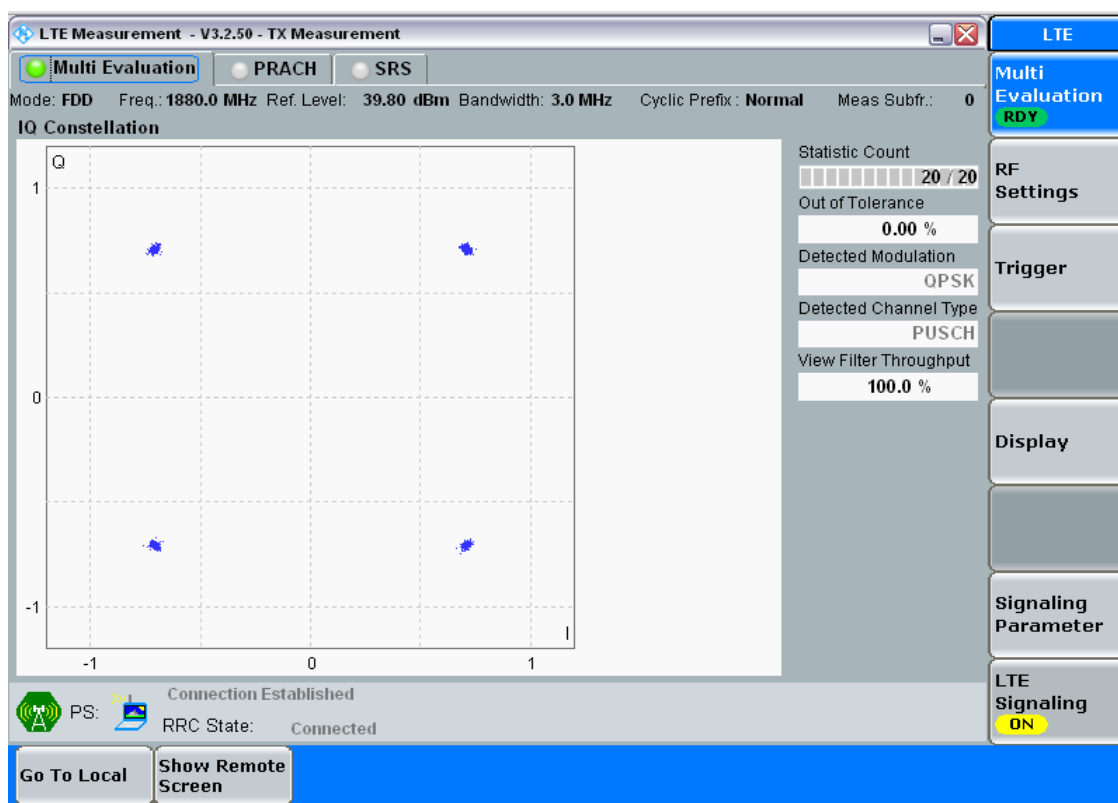
##### 3.3.1.1.1.1.1 Test RB = RB6#0



### 3.3.1.1.2 Test Bandwidth = 3

#### 3.3.1.1.2.1 Test Channel = MCH

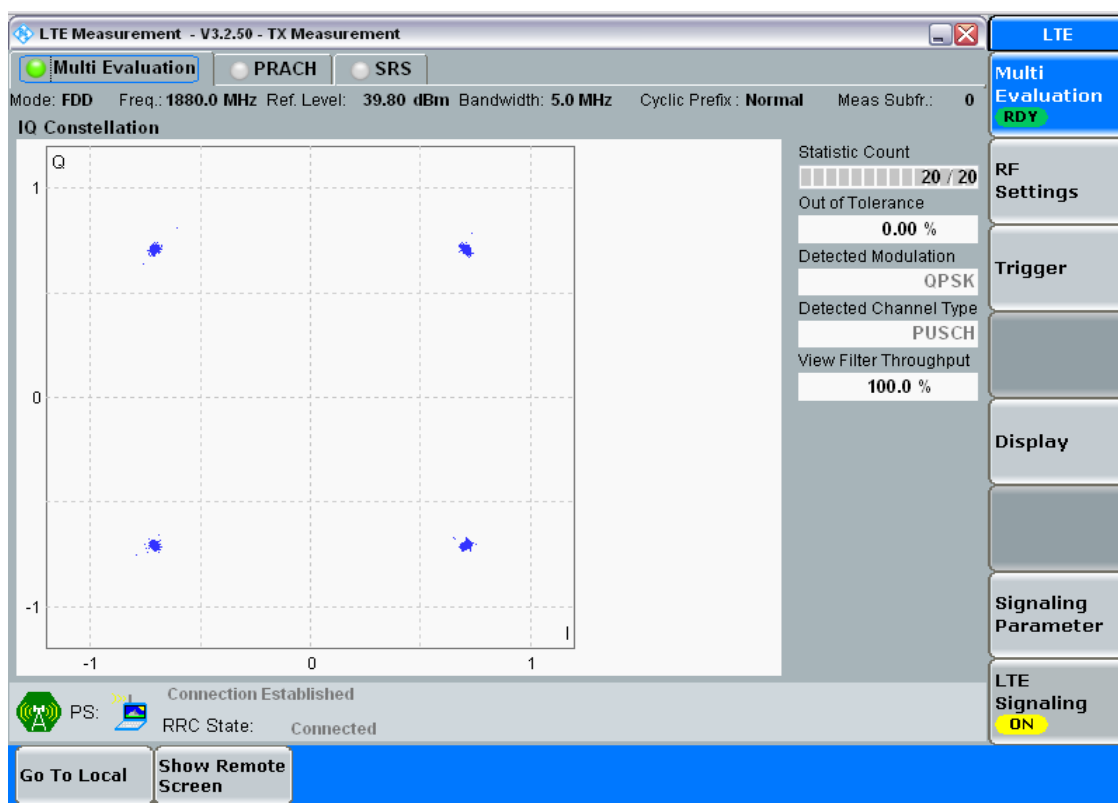
##### 3.3.1.1.2.1.1 Test RB = RB15#0



### 3.3.1.1.3 Test Bandwidth = 5

#### 3.3.1.1.3.1 Test Channel = MCH

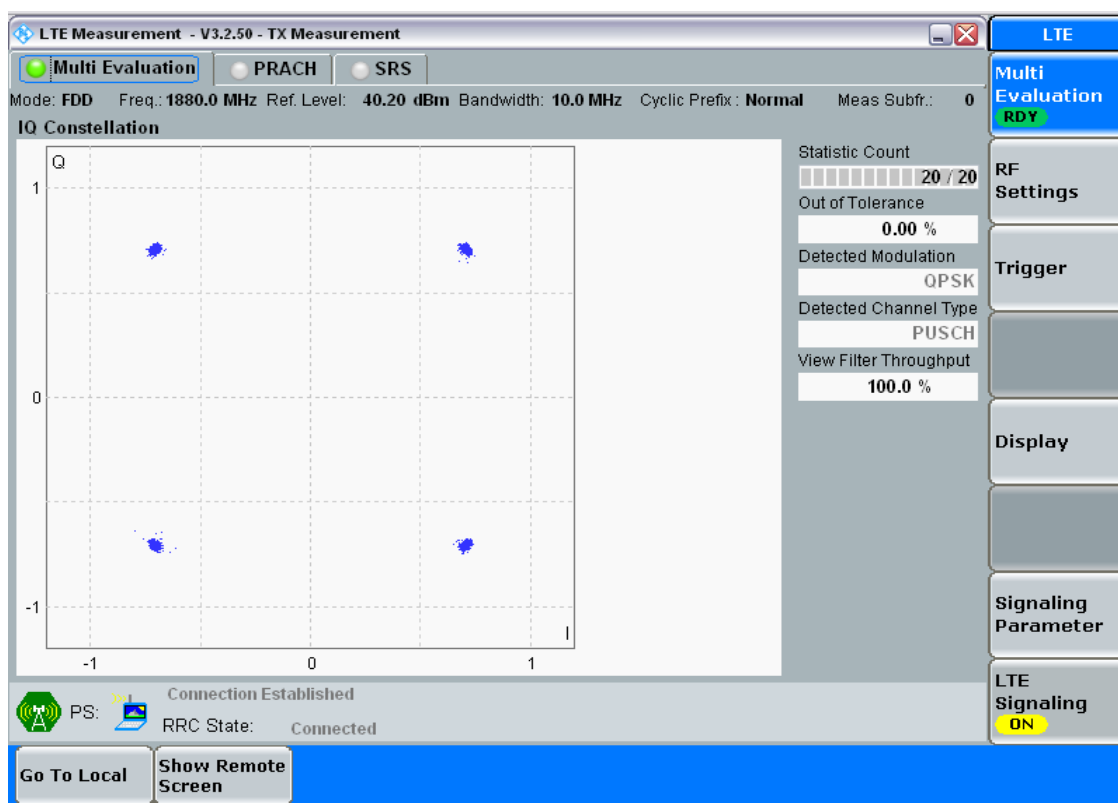
##### 3.3.1.1.3.1.1 Test RB = RB25#0



### 3.3.1.1.4 Test Bandwidth = 10

#### 3.3.1.1.4.1 Test Channel = MCH

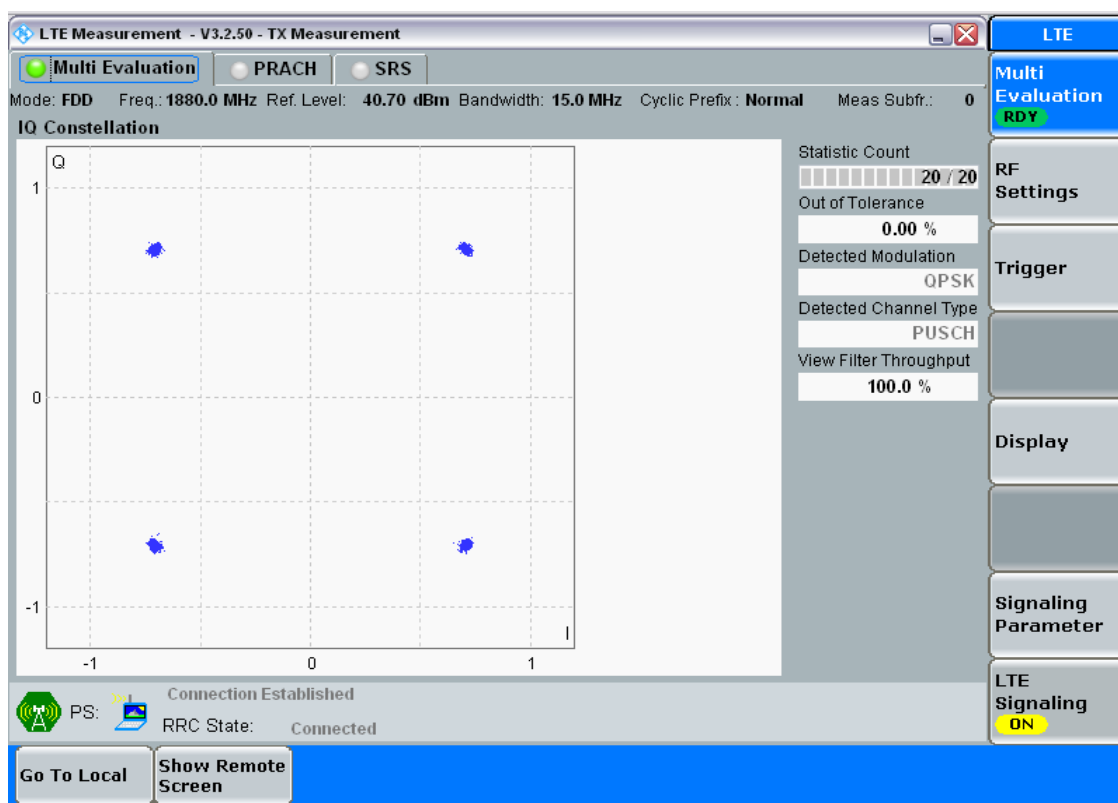
##### 3.3.1.1.4.1.1 Test RB = RB50#0



### 3.3.1.1.5 Test Bandwidth = 15

#### 3.3.1.1.5.1 Test Channel = MCH

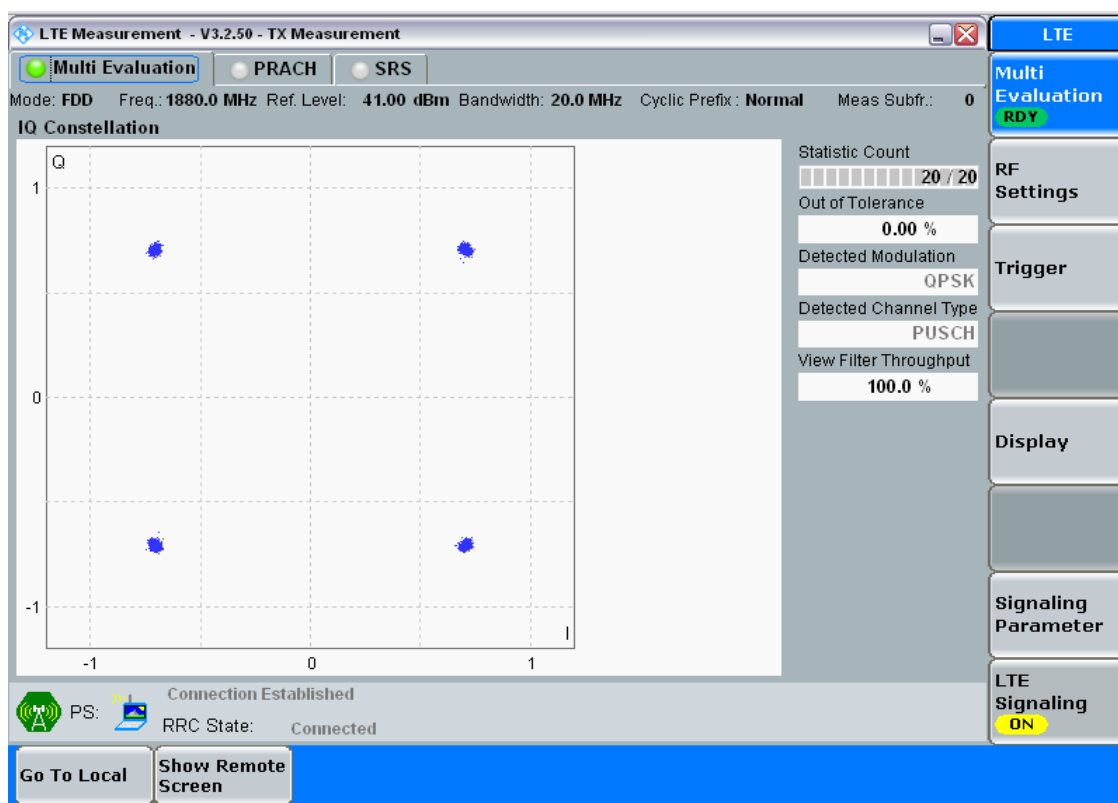
##### 3.3.1.1.5.1.1 Test RB = RB75#0



### 3.3.1.1.6 Test Bandwidth = 20

#### 3.3.1.1.6.1 Test Channel = MCH

##### 3.3.1.1.6.1.1 Test RB = RB100#0

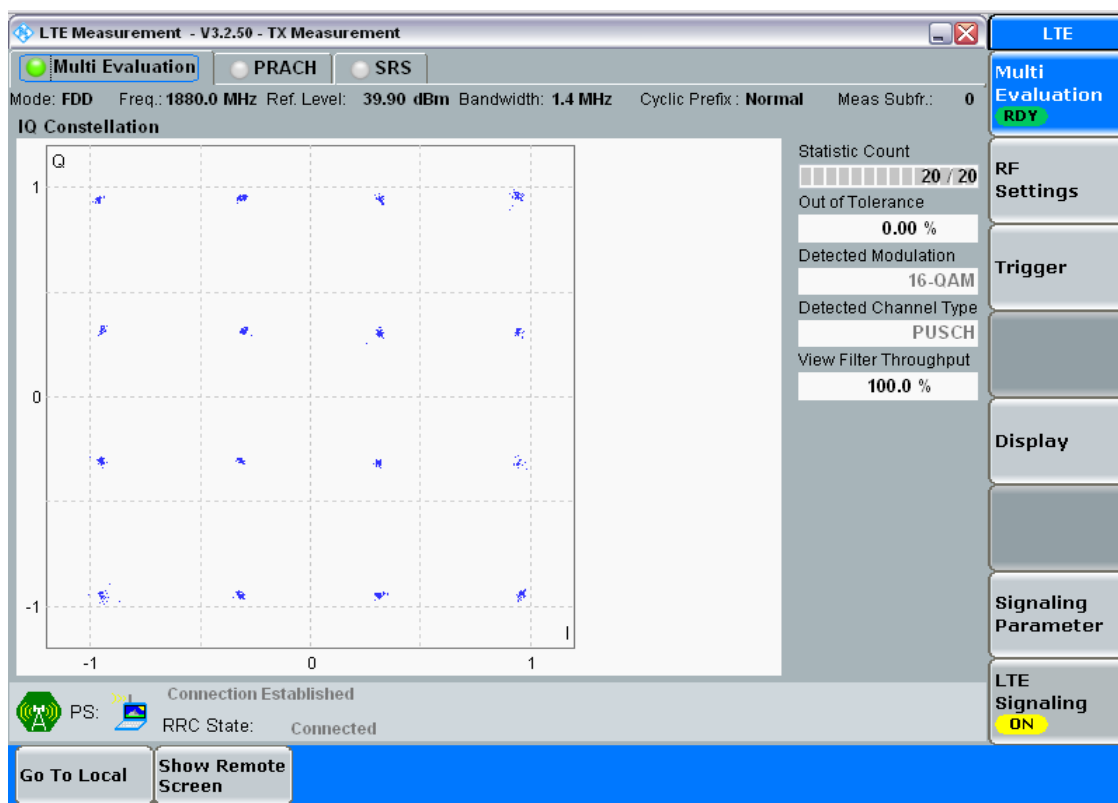


### 3.3.1.2 Test Mode = LTE/TM2

#### 3.3.1.2.1 Test Bandwidth = 1.4

##### 3.3.1.2.1.1 Test Channel = MCH

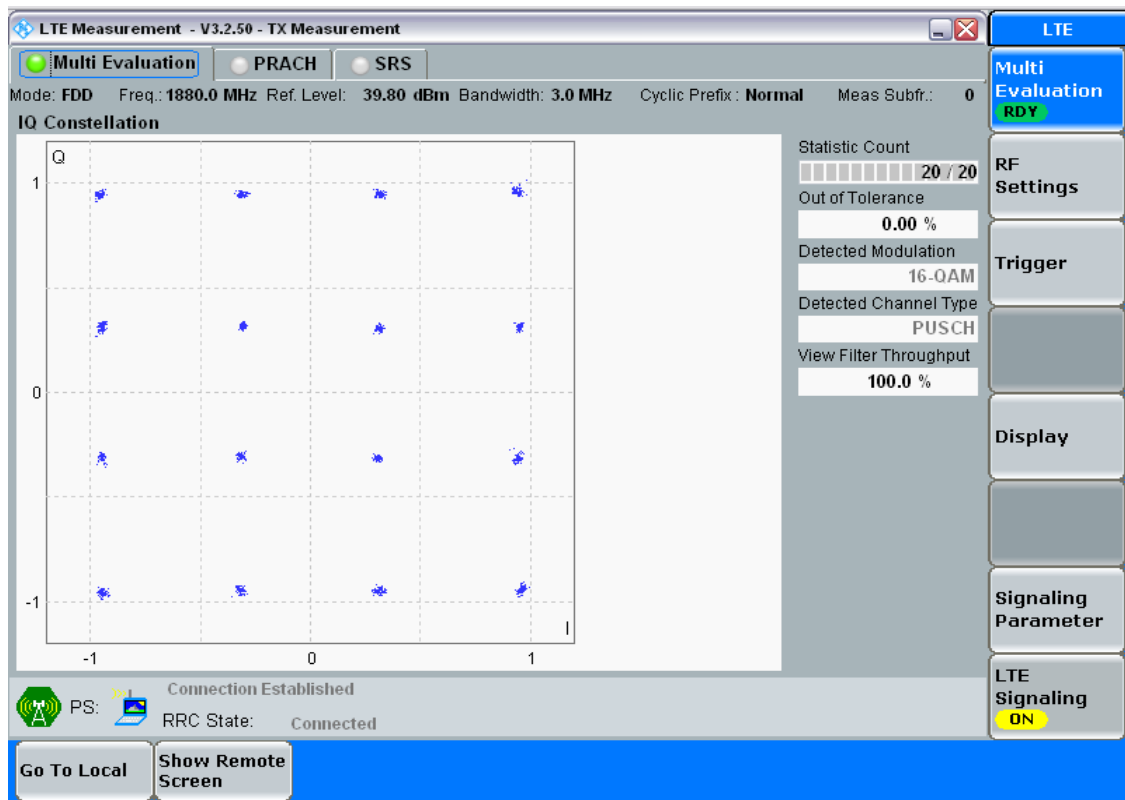
##### 3.3.1.2.1.1.1 Test RB = RB6#0



### 3.3.1.2.2 Test Bandwidth = 3

#### 3.3.1.2.2.1 Test Channel = MCH

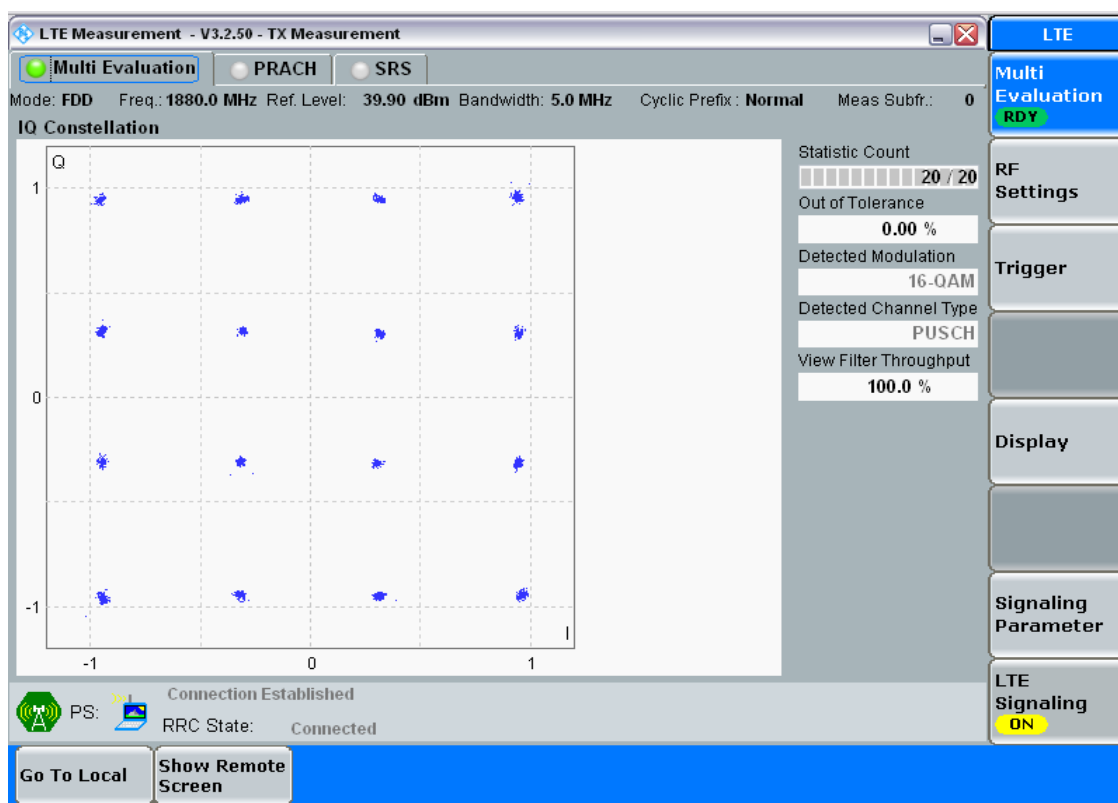
##### 3.3.1.2.2.1.1 Test RB = RB15#0



### 3.3.1.2.3 Test Bandwidth = 5

#### 3.3.1.2.3.1 Test Channel = MCH

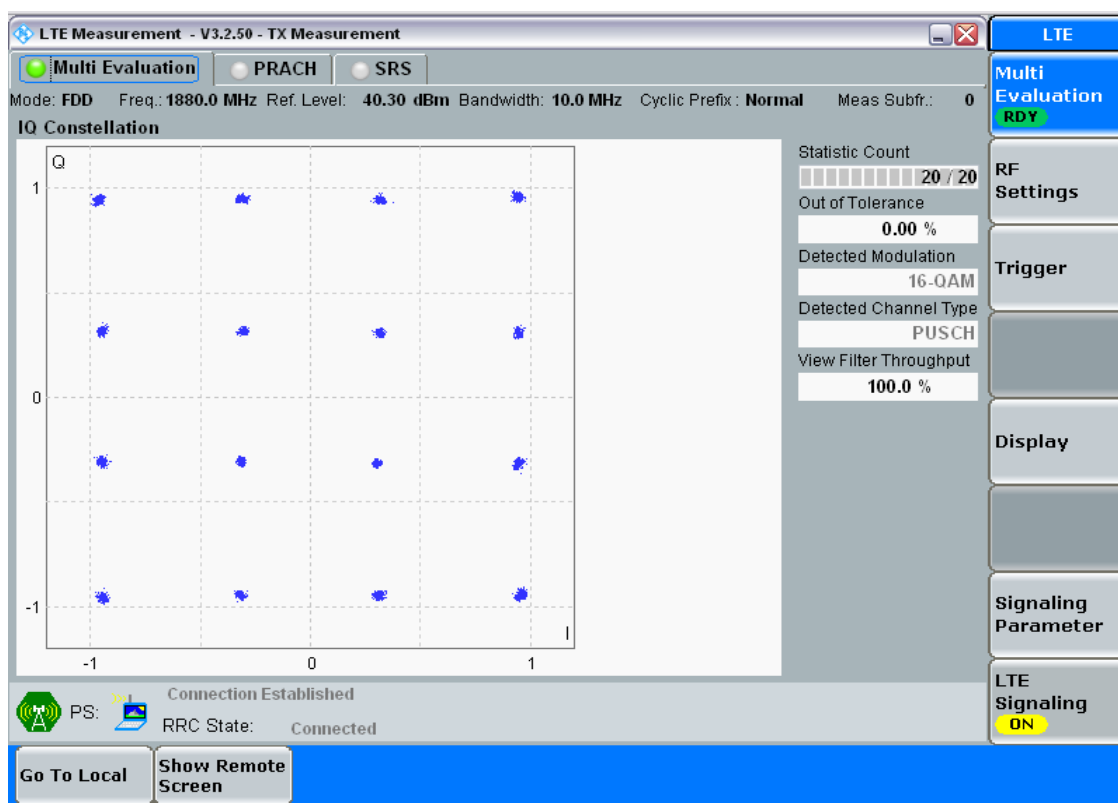
##### 3.3.1.2.3.1.1 Test RB = RB25#0



### 3.3.1.2.4 Test Bandwidth = 10

#### 3.3.1.2.4.1 Test Channel = MCH

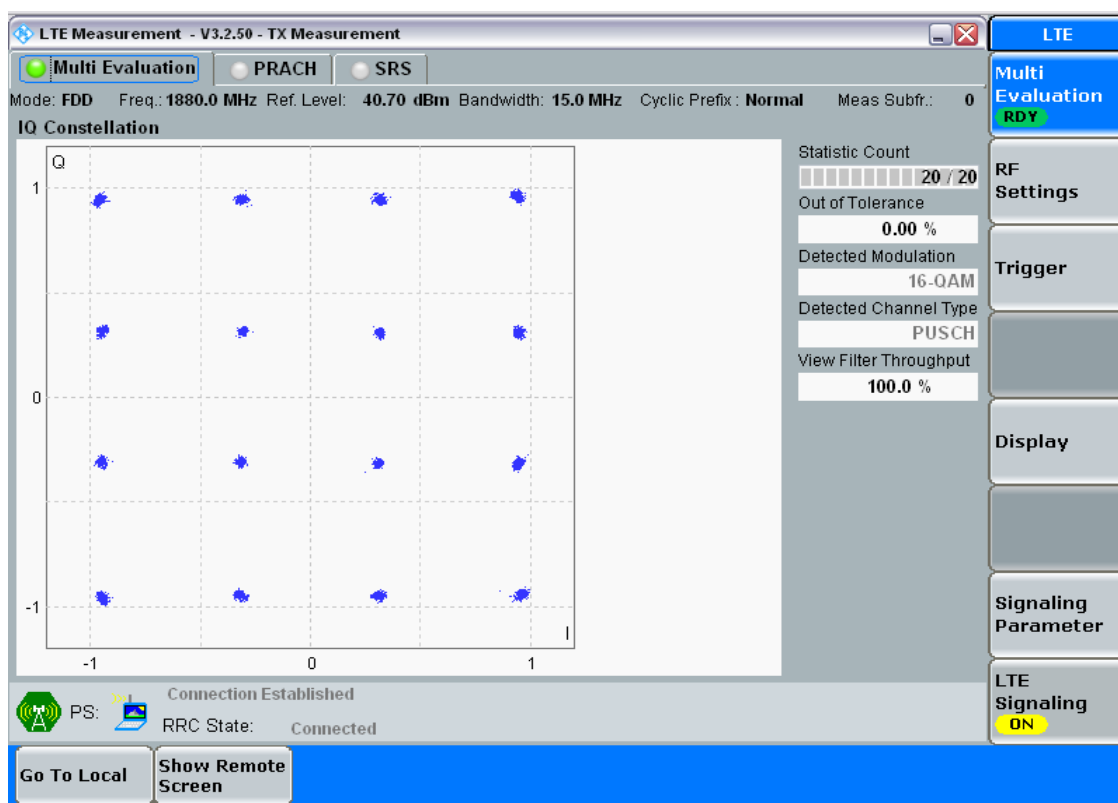
##### 3.3.1.2.4.1.1 Test RB = RB50#0



### 3.3.1.2.5 Test Bandwidth = 15

#### 3.3.1.2.5.1 Test Channel = MCH

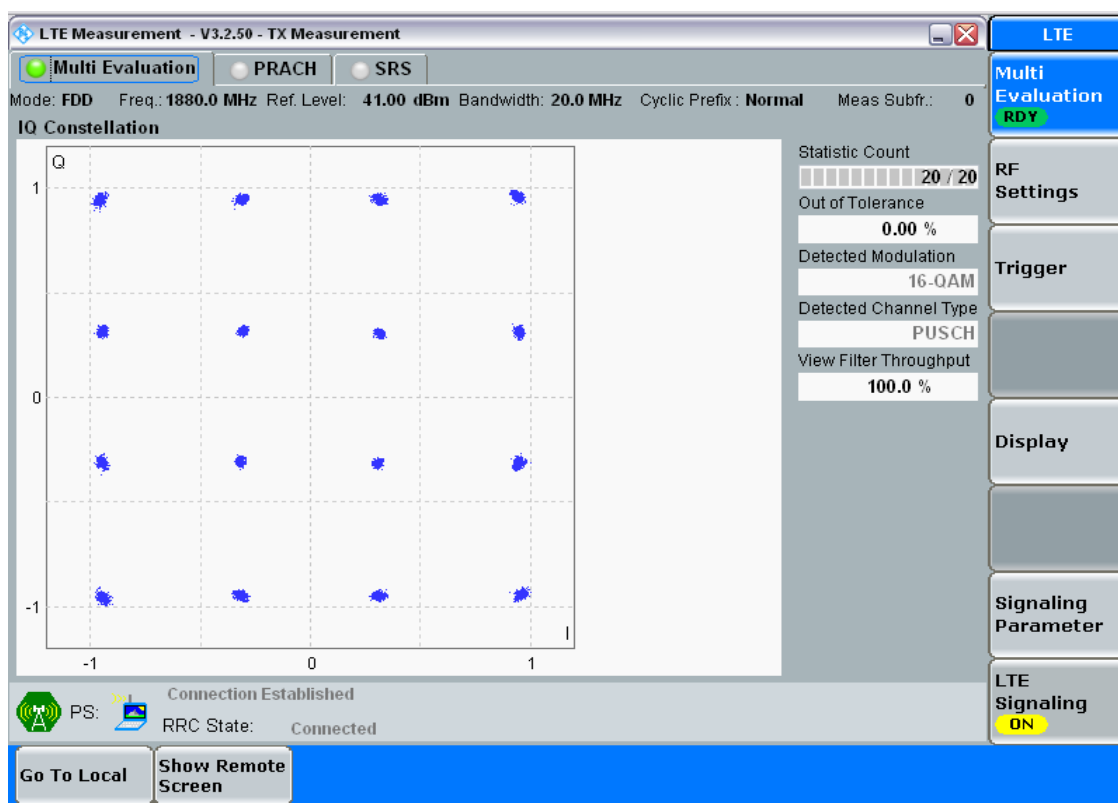
##### 3.3.1.2.5.1.1 Test RB = RB75#0



### 3.3.1.2.6 Test Bandwidth = 20

#### 3.3.1.2.6.1 Test Channel = MCH

##### 3.3.1.2.6.1.1 Test RB = RB100#0



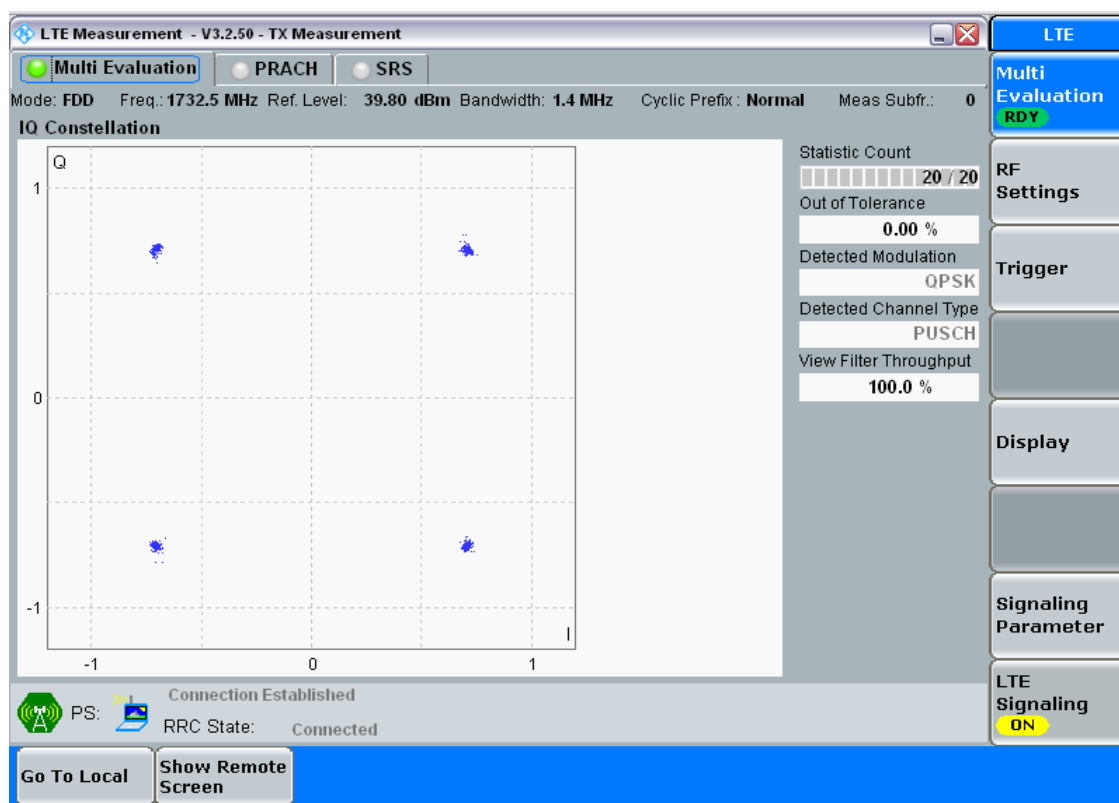
### 3.3.2 Test Band = BAND4

#### 3.3.2.1 Test Mode = LTE/TM1

##### 3.3.2.1.1 Test Bandwidth = 1.4

##### 3.3.2.1.1.1 Test Channel = MCH

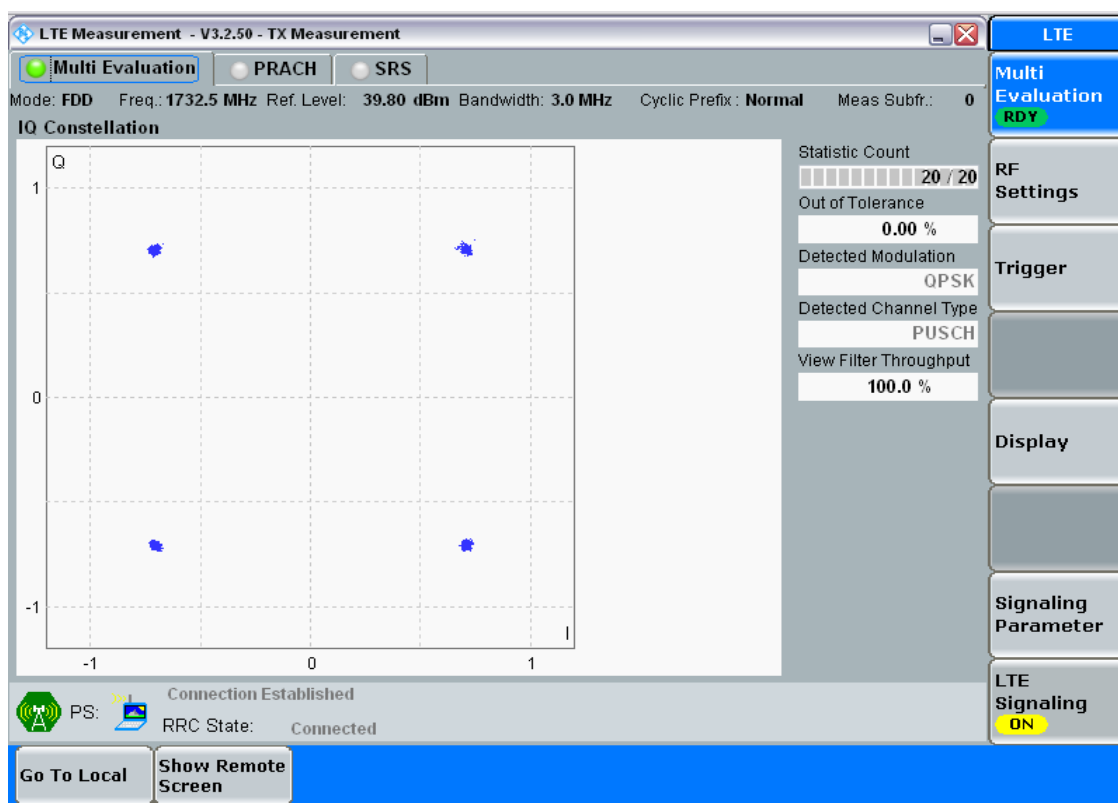
##### 3.3.2.1.1.1.1 Test RB = RB6#0



### 3.3.2.1.2 Test Bandwidth = 3

#### 3.3.2.1.2.1 Test Channel = MCH

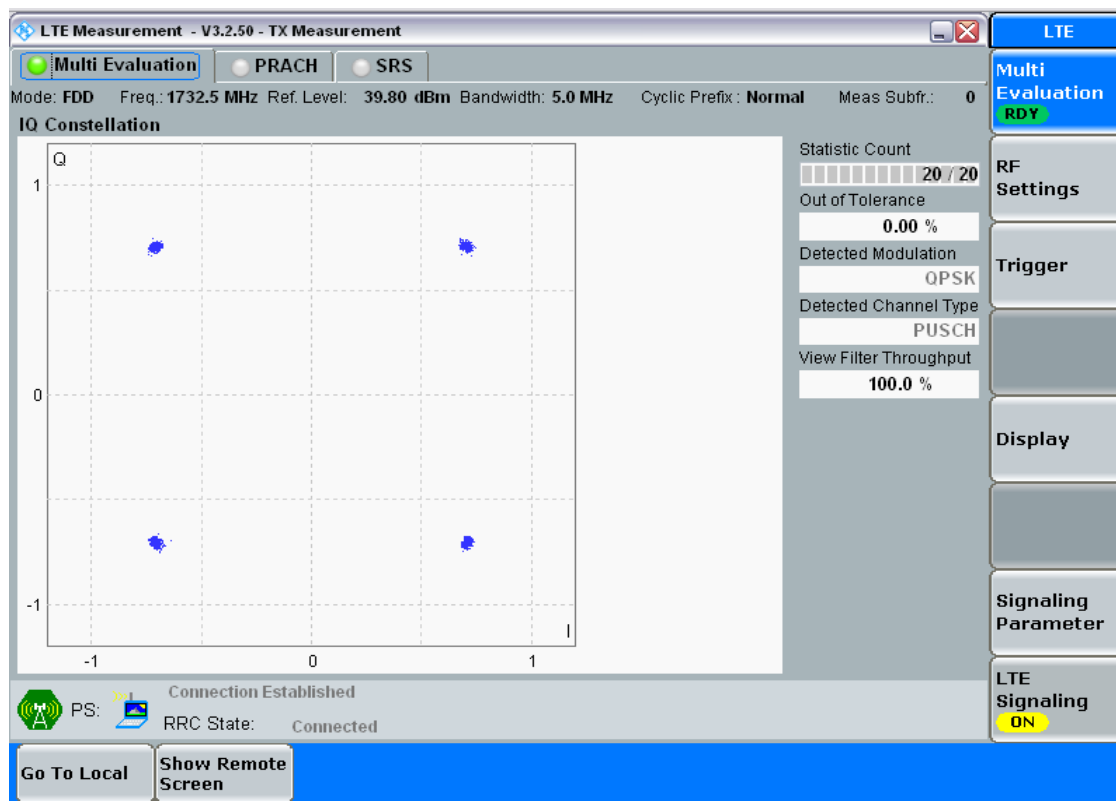
##### 3.3.2.1.2.1.1 Test RB = RB15#0



### 3.3.2.1.3 Test Bandwidth = 5

#### 3.3.2.1.3.1 Test Channel = MCH

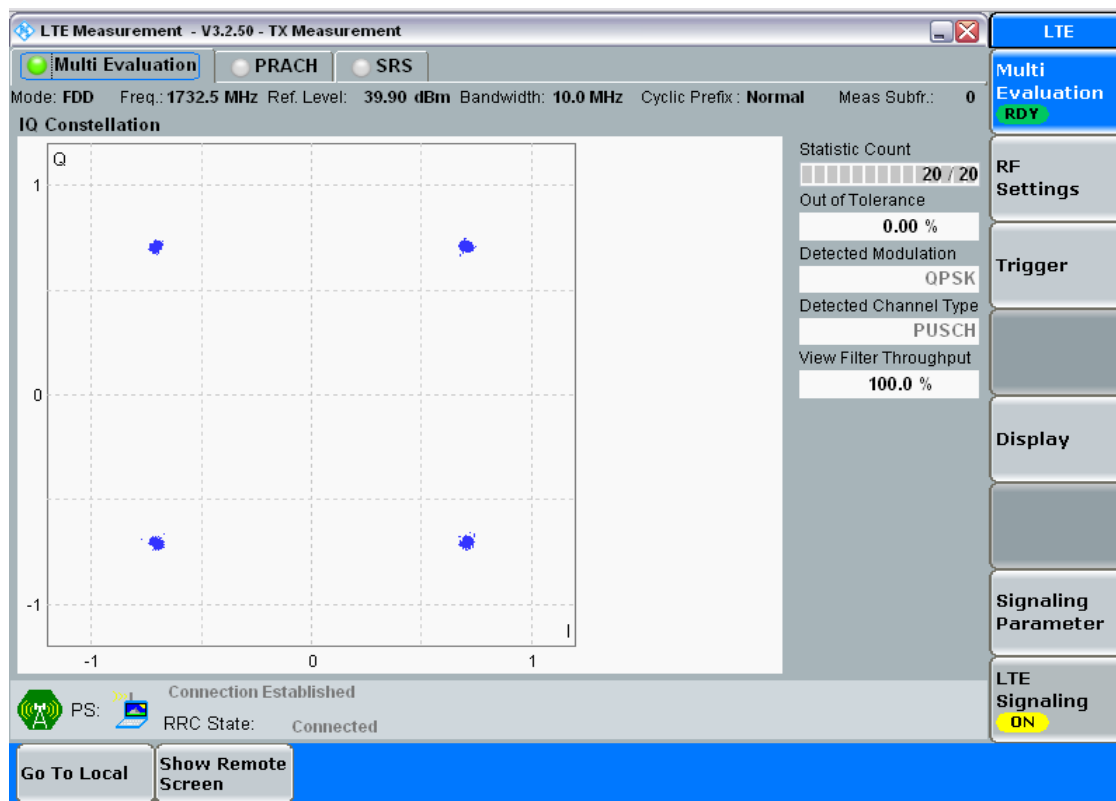
##### 3.3.2.1.3.1.1 Test RB = RB25#0



### 3.3.2.1.4 Test Bandwidth = 10

#### 3.3.2.1.4.1 Test Channel = MCH

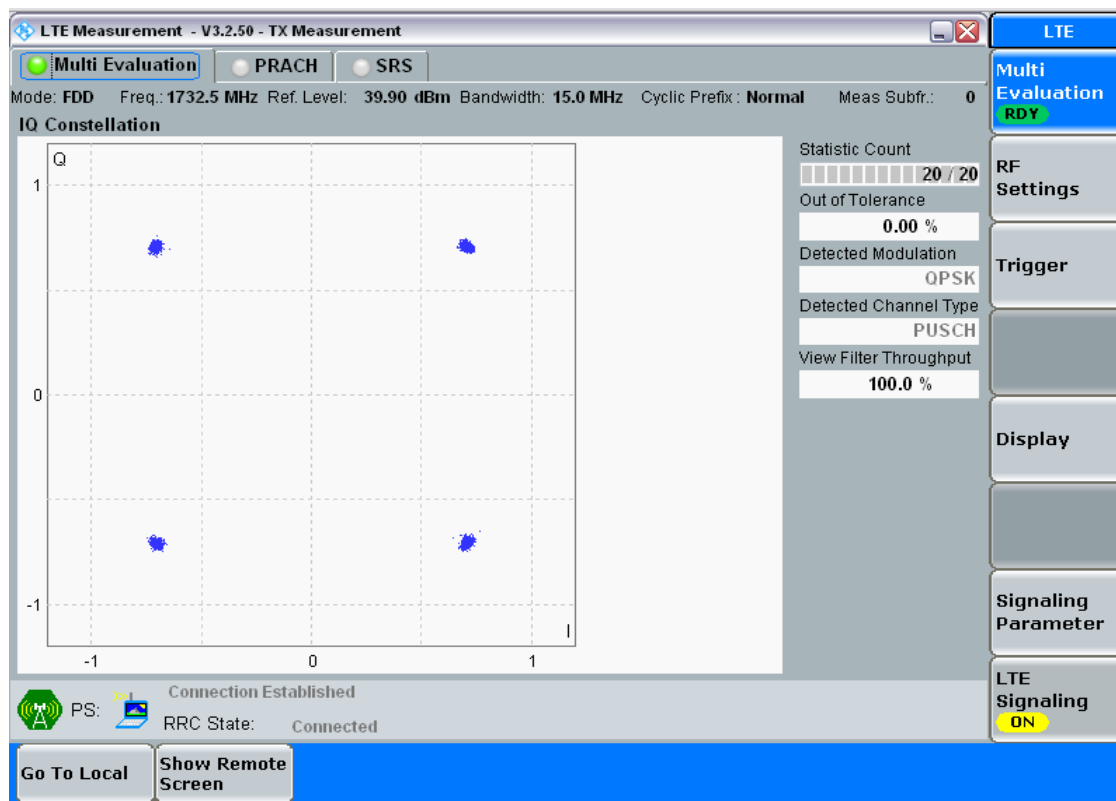
##### 3.3.2.1.4.1.1 Test RB = RB50#0



### 3.3.2.1.5 Test Bandwidth = 15

#### 3.3.2.1.5.1 Test Channel = MCH

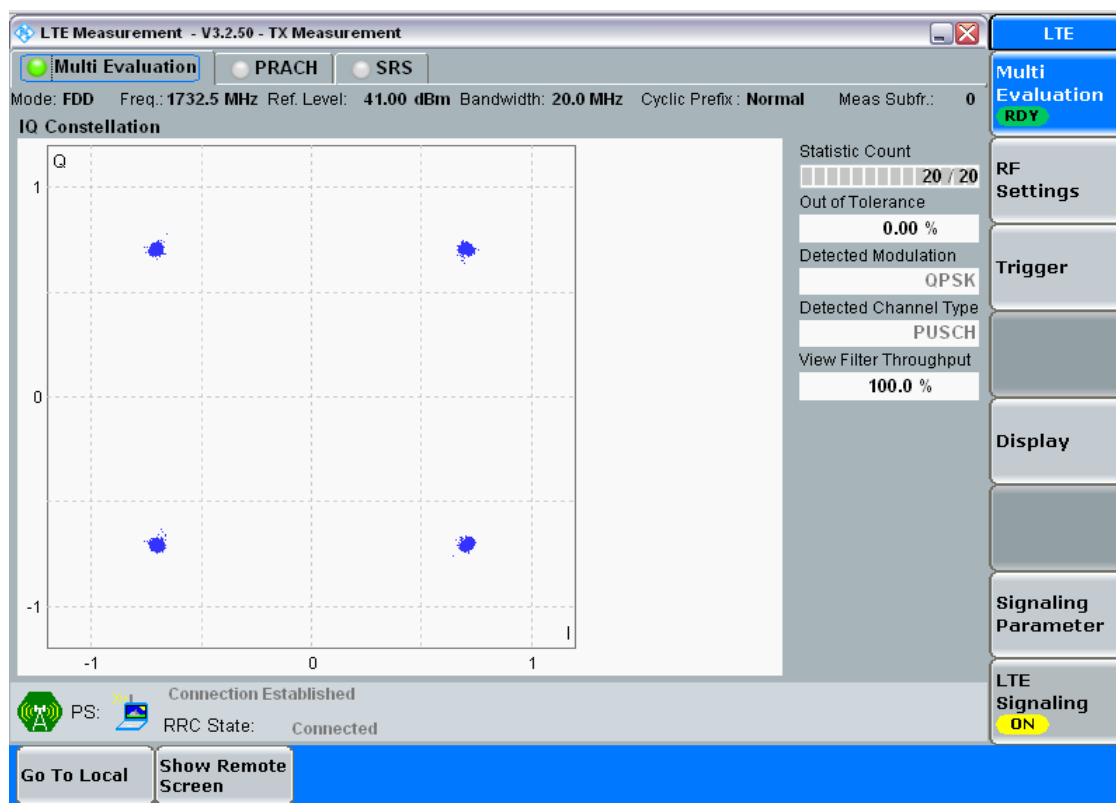
##### 3.3.2.1.5.1.1 Test RB = RB75#0



### 3.3.2.1.6 Test Bandwidth = 20

#### 3.3.2.1.6.1 Test Channel = MCH

##### 3.3.2.1.6.1.1 Test RB = RB100#0

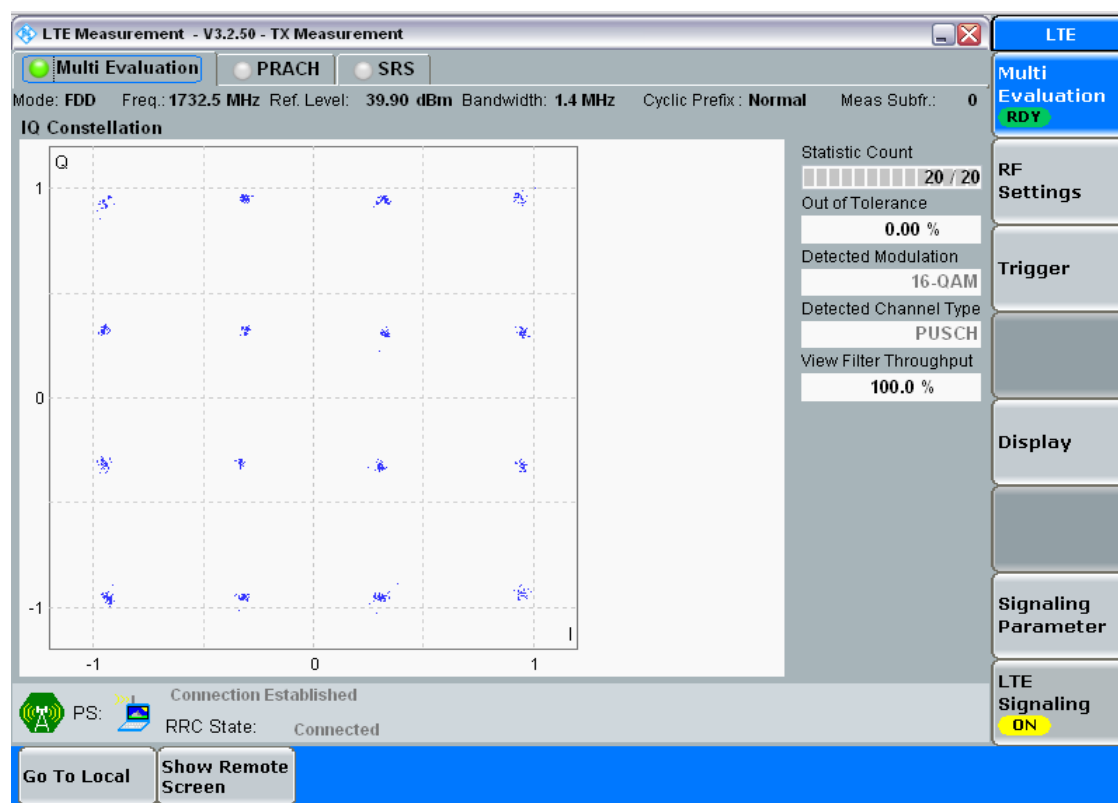


### 3.3.2.2 Test Mode = LTE/TM2

#### 3.3.2.2.1 Test Bandwidth = 1.4

##### 3.3.2.2.1.1 Test Channel = MCH

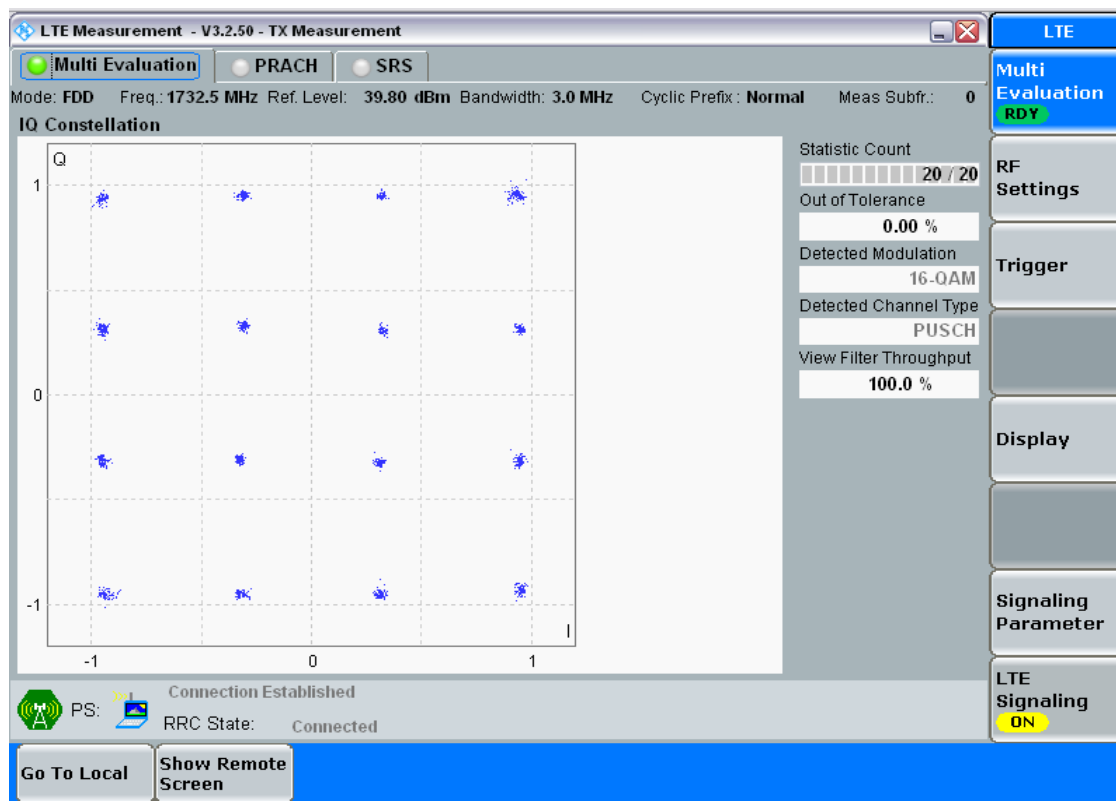
##### 3.3.2.2.1.1.1 Test RB = RB6#0



### 3.3.2.2.2 Test Bandwidth = 3

#### 3.3.2.2.2.1 Test Channel = MCH

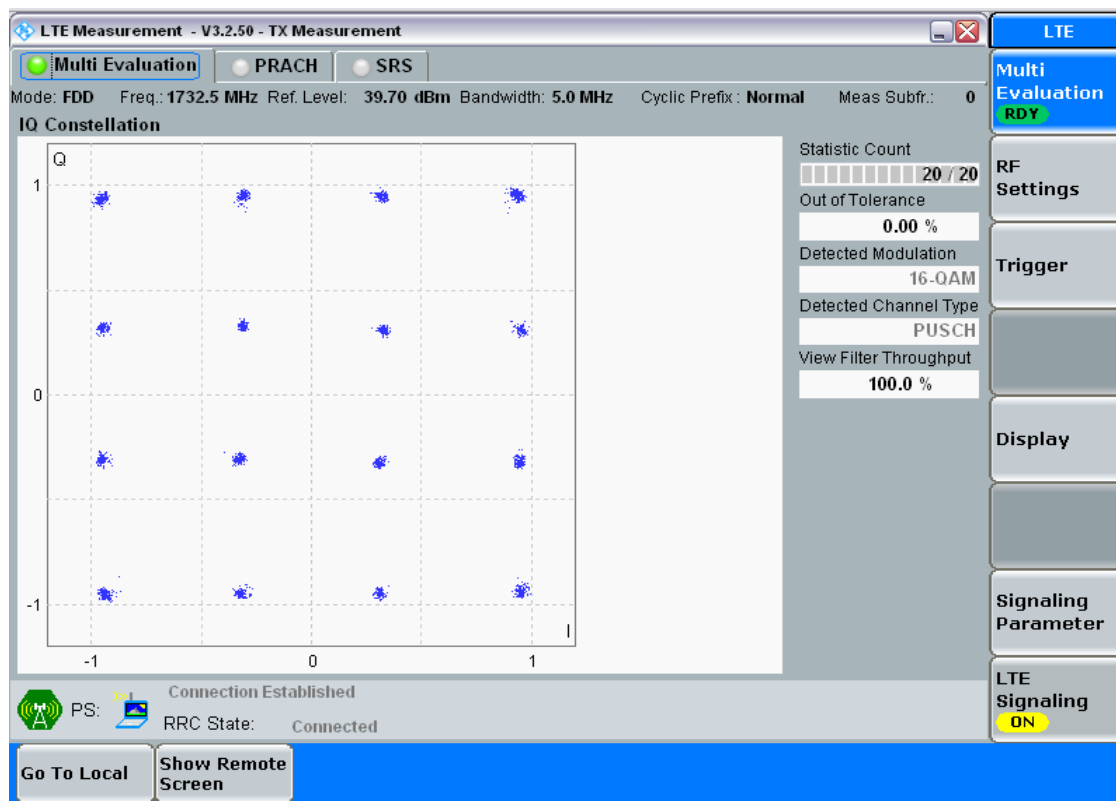
##### 3.3.2.2.2.1.1 Test RB = RB15#0



### 3.3.2.2.3 Test Bandwidth = 5

#### 3.3.2.2.3.1 Test Channel = MCH

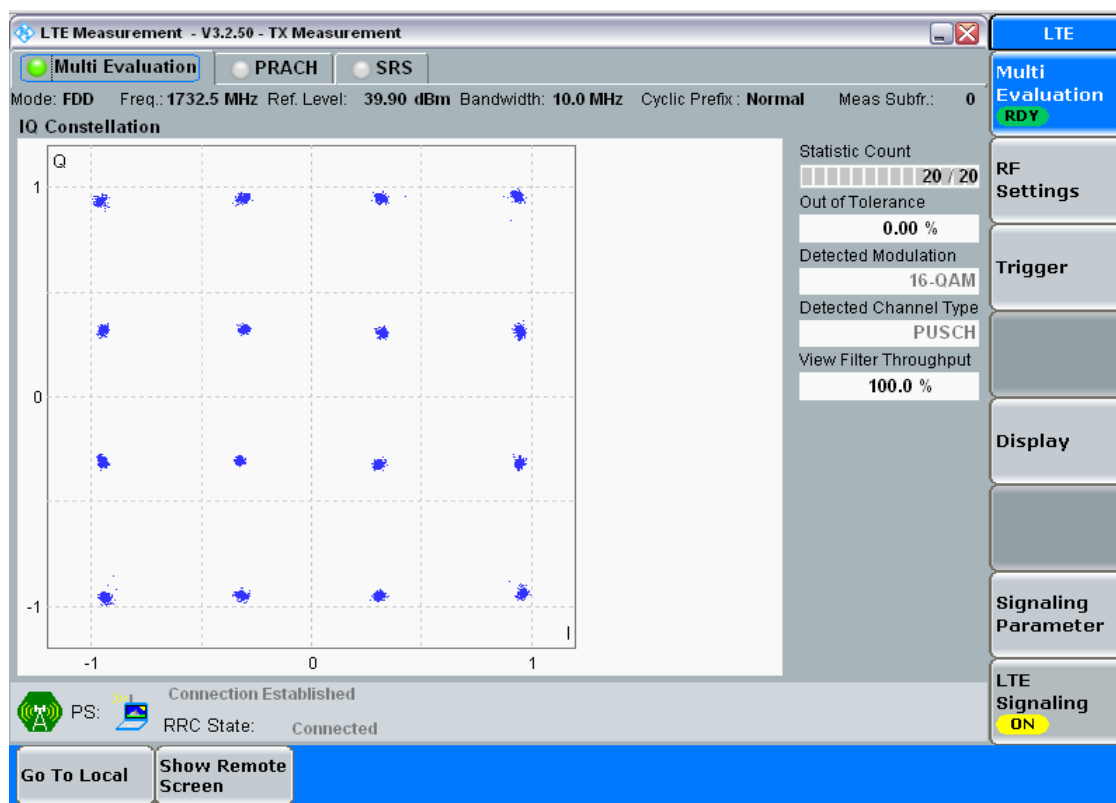
##### 3.3.2.2.3.1.1 Test RB = RB25#0



### 3.3.2.2.4 Test Bandwidth = 10

#### 3.3.2.2.4.1 Test Channel = MCH

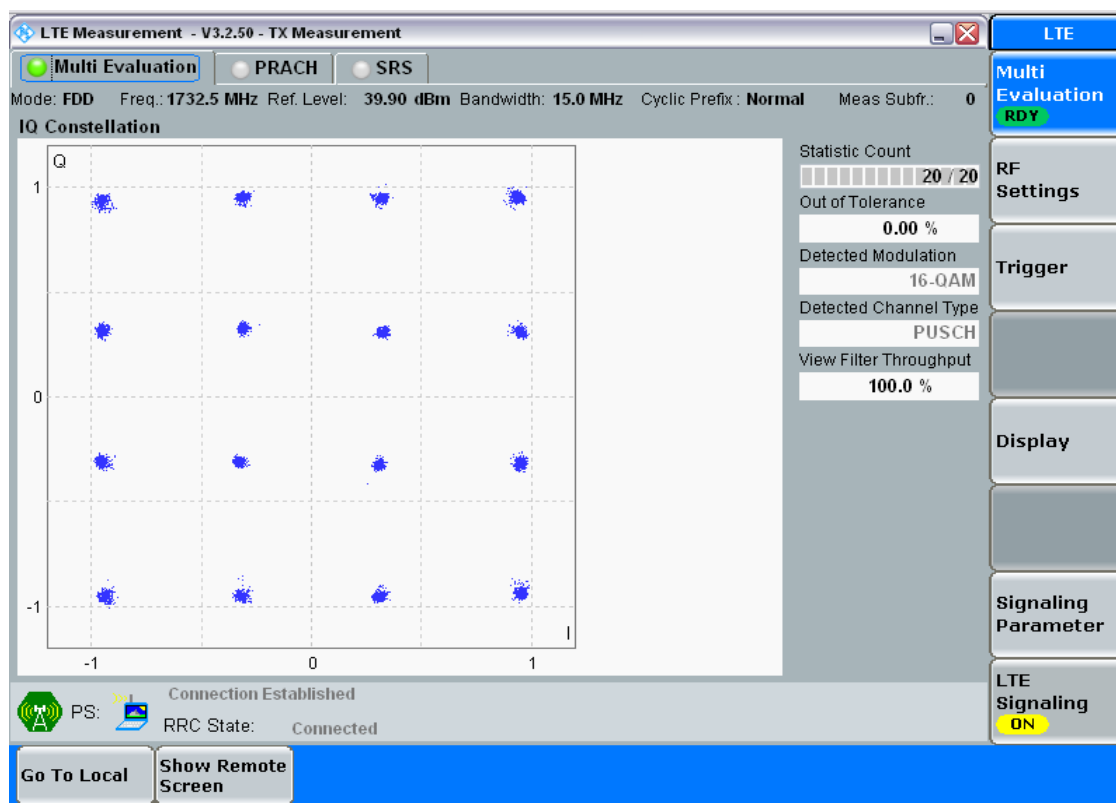
##### 3.3.2.2.4.1.1 Test RB = RB50#0



### 3.3.2.2.5 Test Bandwidth = 15

#### 3.3.2.2.5.1 Test Channel = MCH

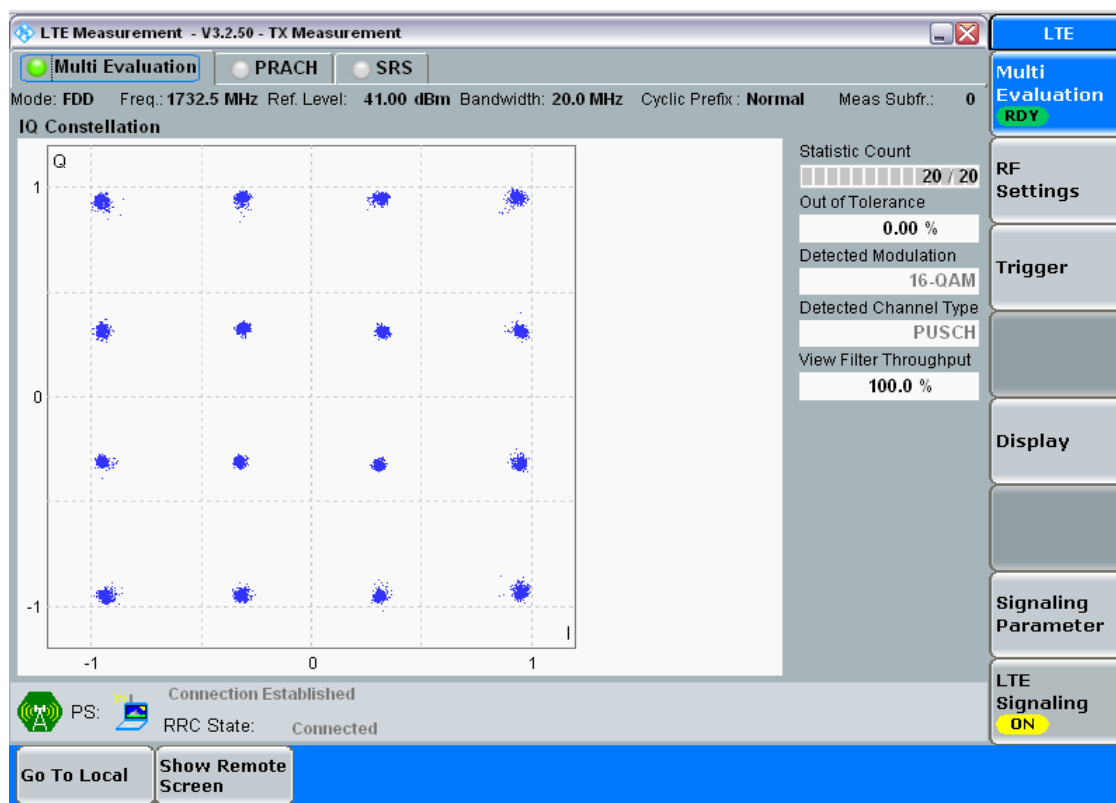
##### 3.3.2.2.5.1.1 Test RB = RB75#0



### 3.3.2.2.6 Test Bandwidth = 20

#### 3.3.2.2.6.1 Test Channel = MCH

##### 3.3.2.2.6.1.1 Test RB = RB100#0



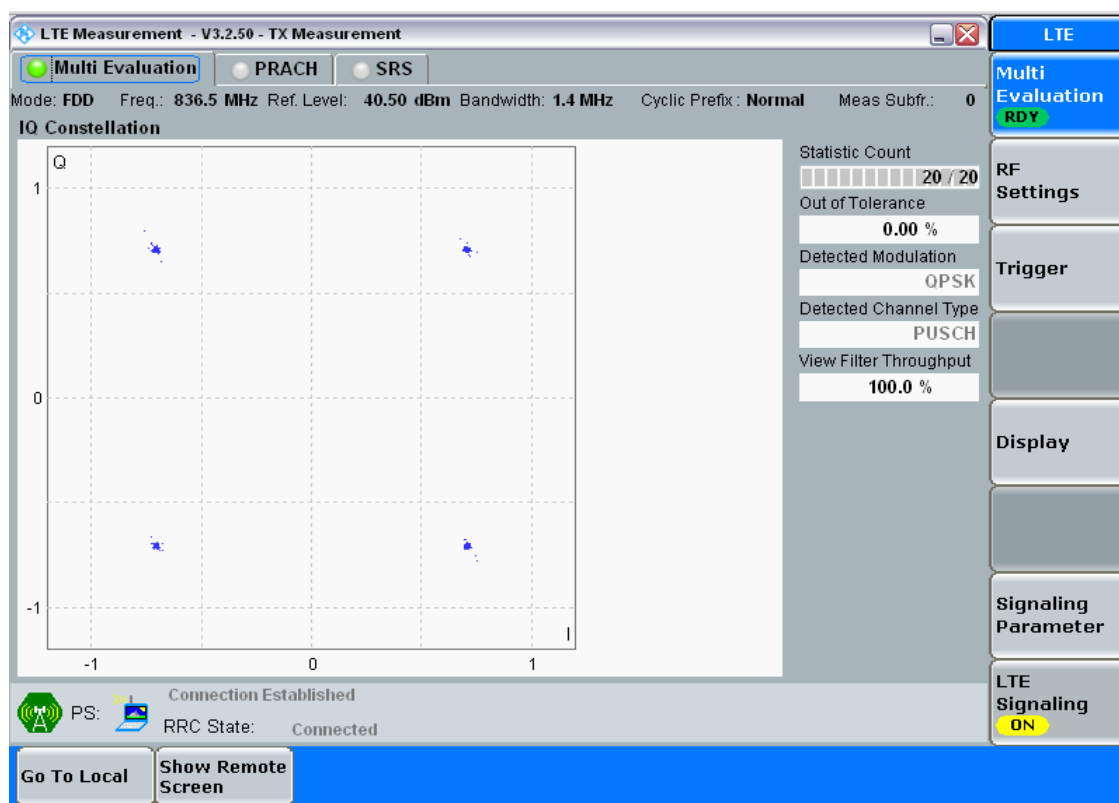
### 3.3.3 Test Band = BAND5

#### 3.3.3.1 Test Mode = LTE/TM1

##### 3.3.3.1.1 Test Bandwidth = 1.4

##### 3.3.3.1.1.1 Test Channel = MCH

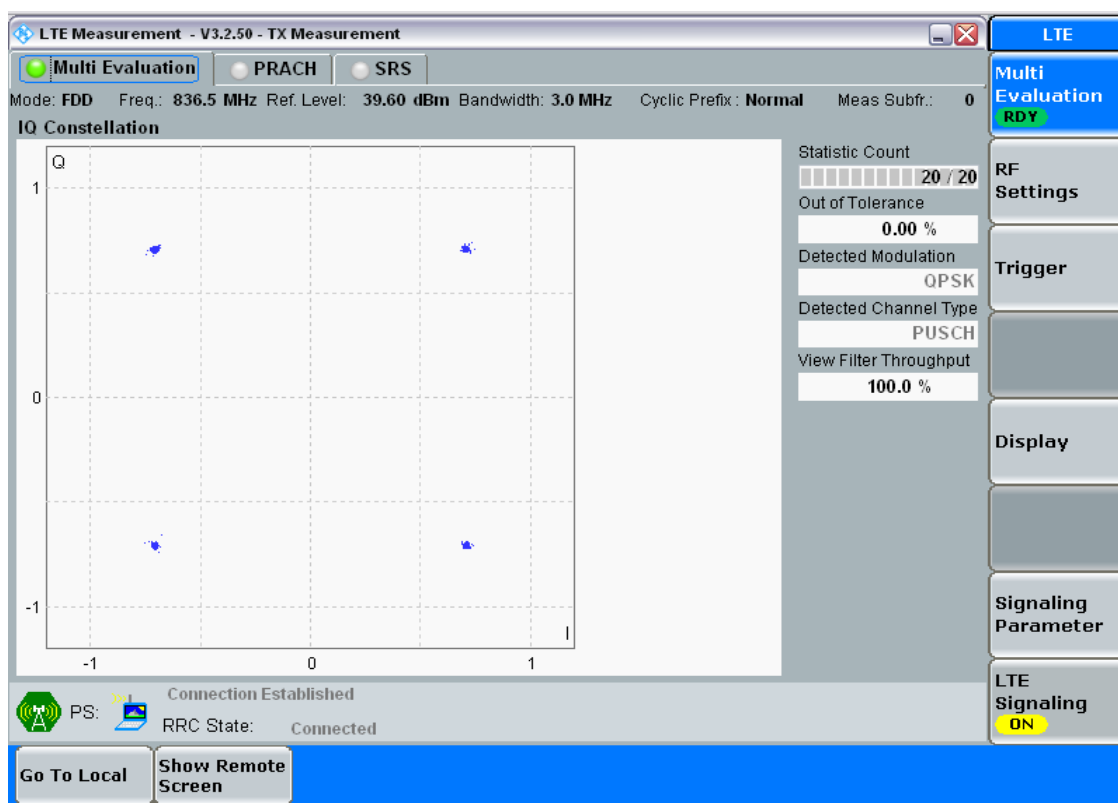
##### 3.3.3.1.1.1.1 Test RB = RB6#0



### 3.3.3.1.2 Test Bandwidth = 3

#### 3.3.3.1.2.1 Test Channel = MCH

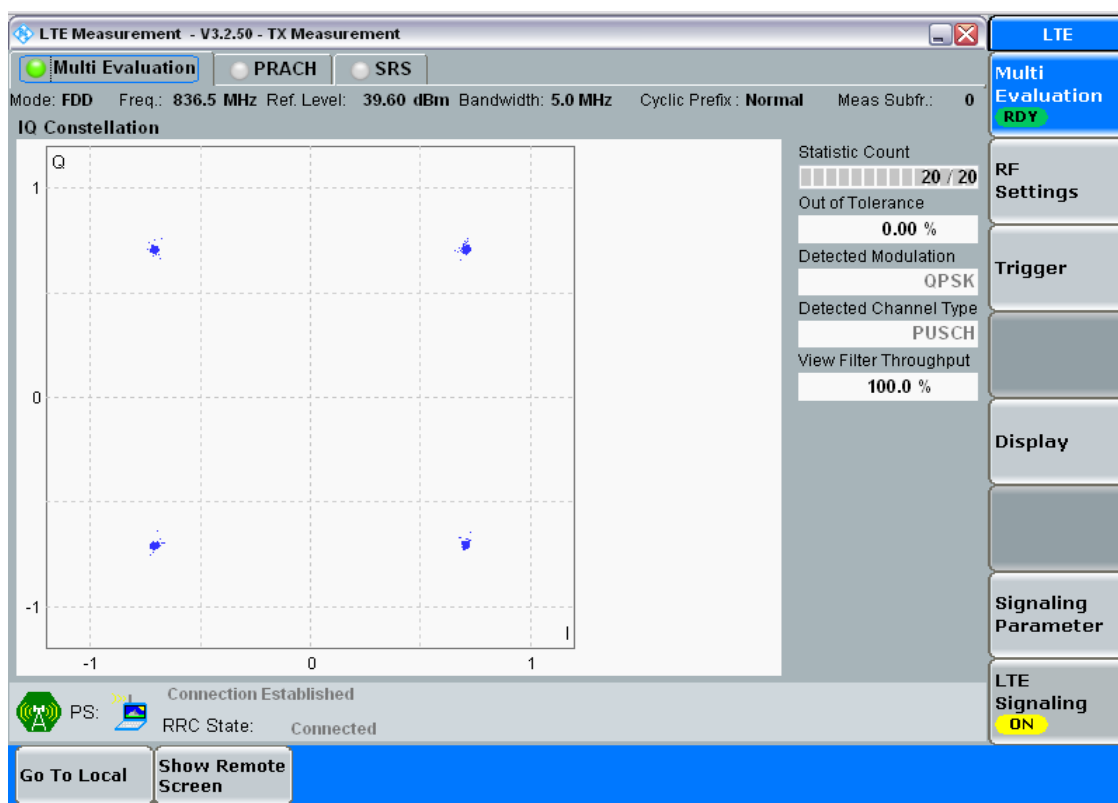
##### 3.3.3.1.2.1.1 Test RB = RB15#0



### 3.3.3.1.3 Test Bandwidth = 5

#### 3.3.3.1.3.1 Test Channel = MCH

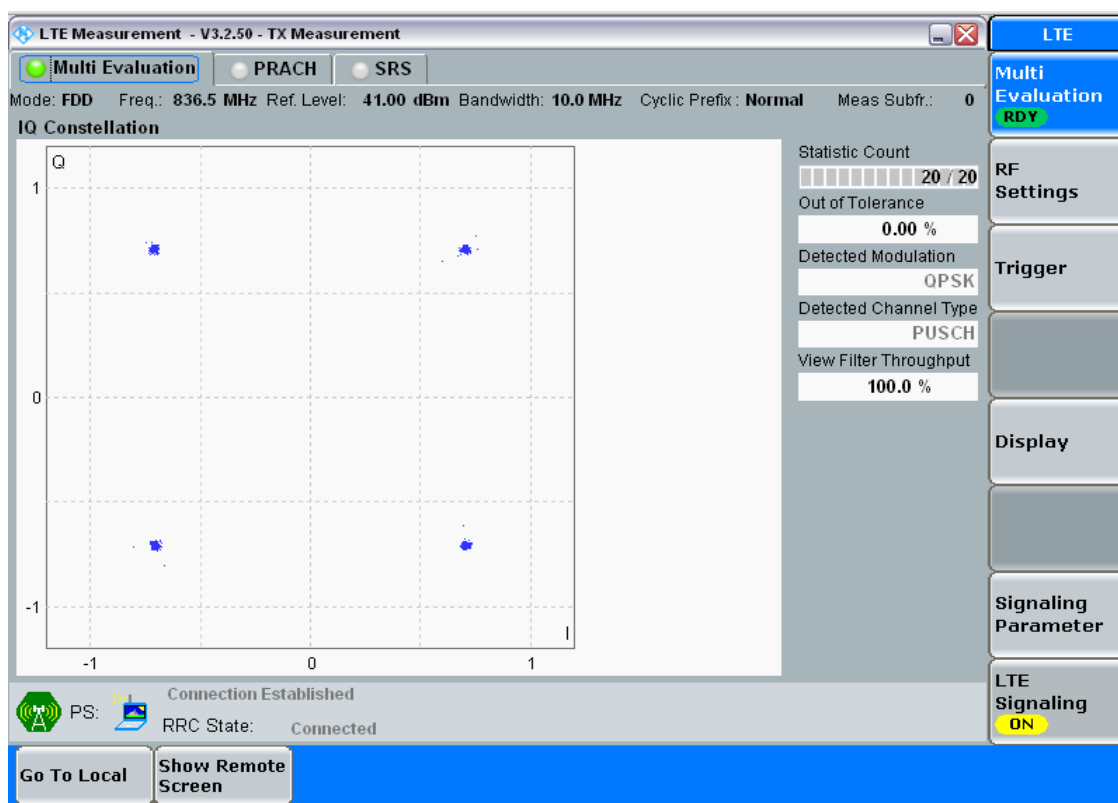
##### 3.3.3.1.3.1.1 Test RB = RB25#0



### 3.3.3.1.4 Test Bandwidth = 10

#### 3.3.3.1.4.1 Test Channel = MCH

##### 3.3.3.1.4.1.1 Test RB = RB50#0

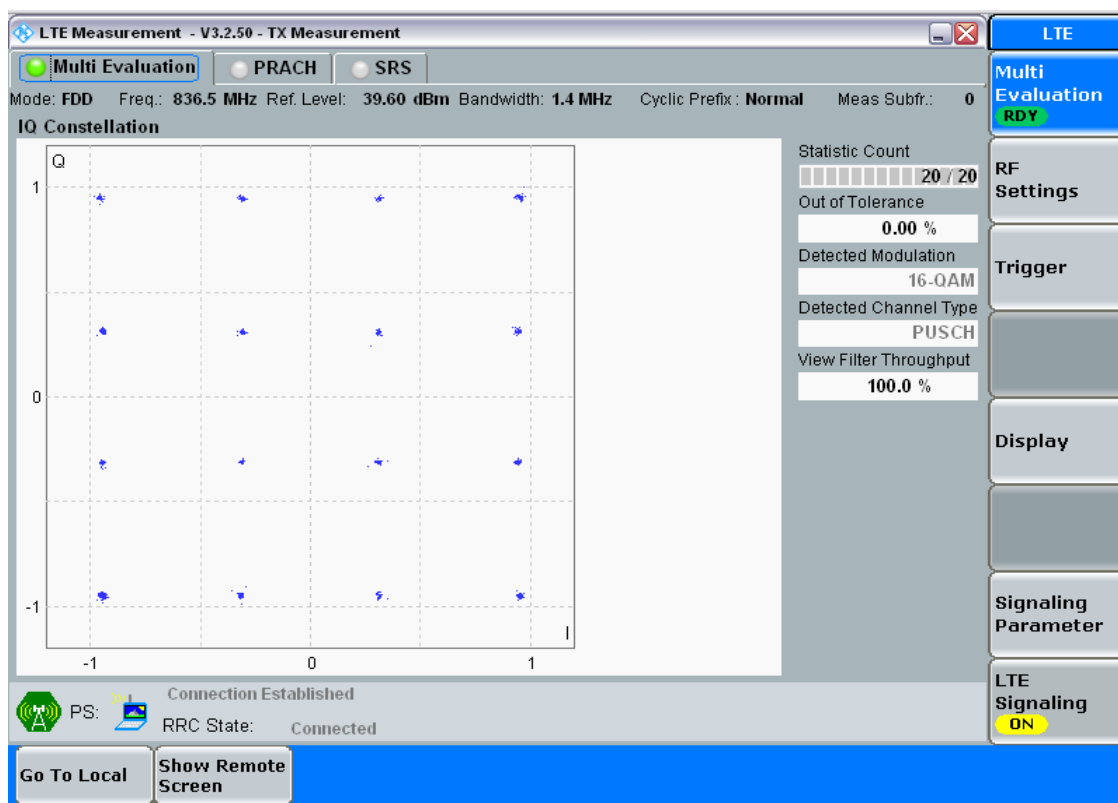


### 3.3.3.2 Test Mode = LTE/TM2

#### 3.3.3.2.1 Test Bandwidth = 1.4

##### 3.3.3.2.1.1 Test Channel = MCH

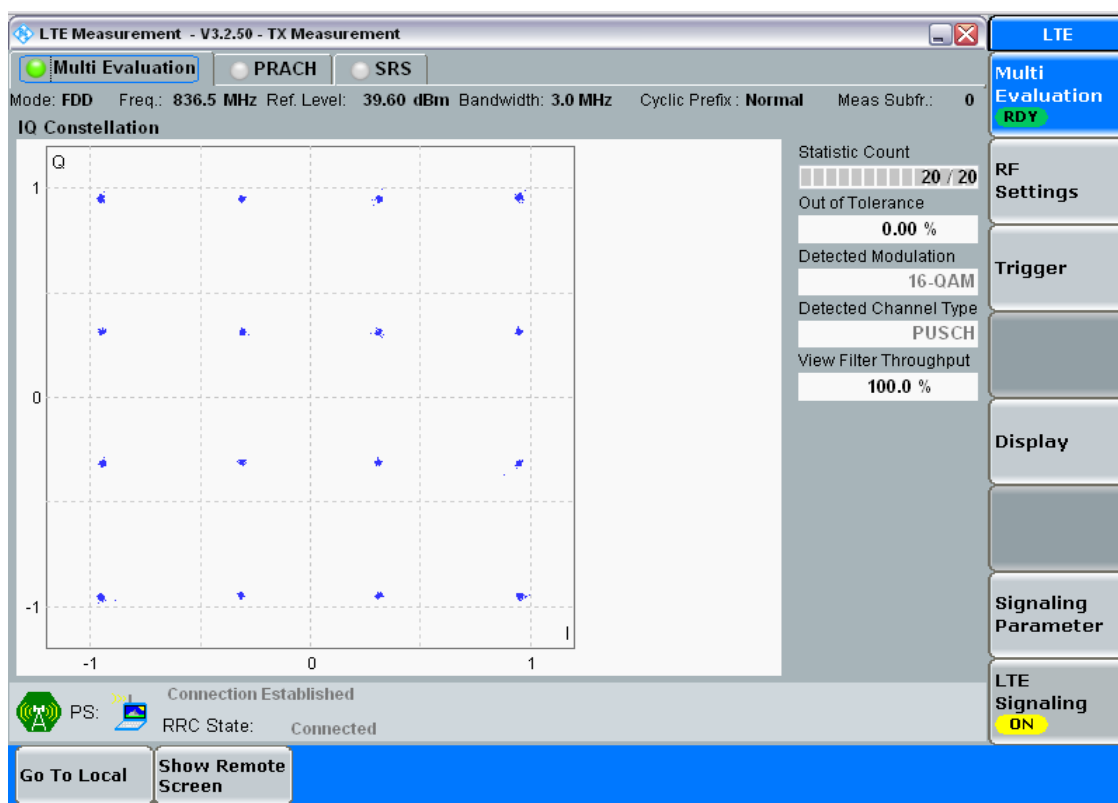
##### 3.3.3.2.1.1.1 Test RB = RB6#0



### 3.3.3.2.2 Test Bandwidth = 3

#### 3.3.3.2.2.1 Test Channel = MCH

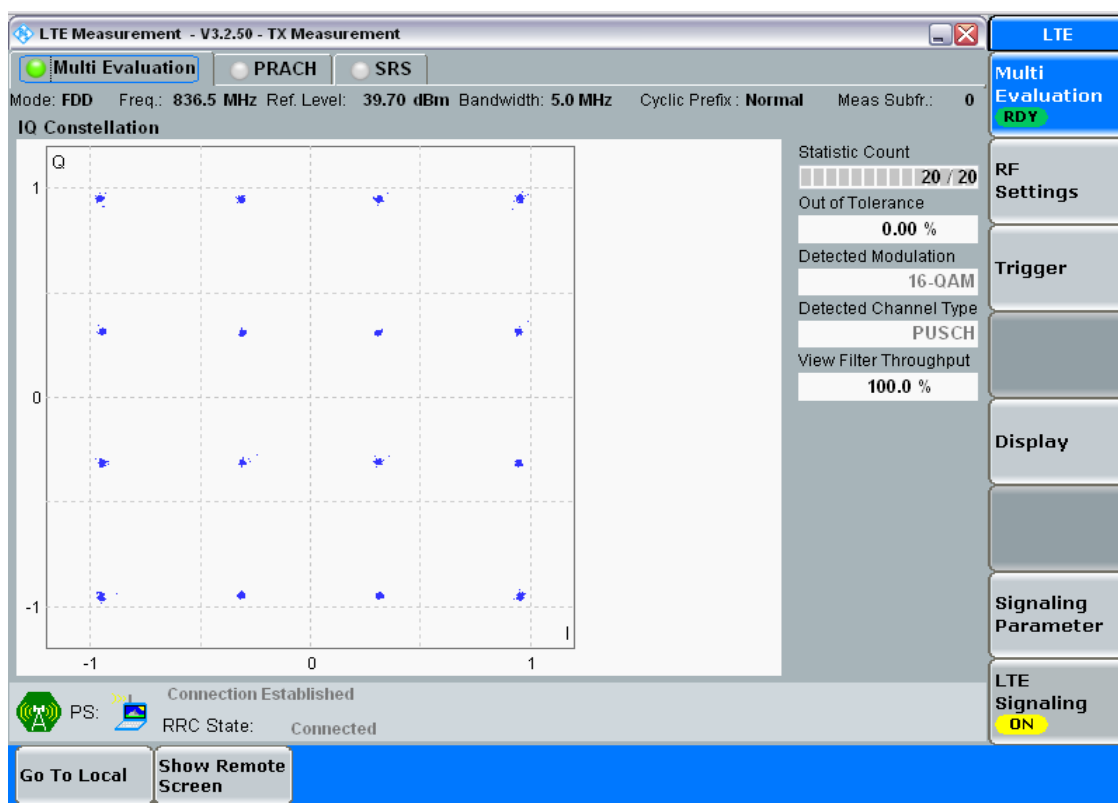
##### 3.3.3.2.2.1.1 Test RB = RB15#0



### 3.3.3.2.3 Test Bandwidth = 5

#### 3.3.3.2.3.1 Test Channel = MCH

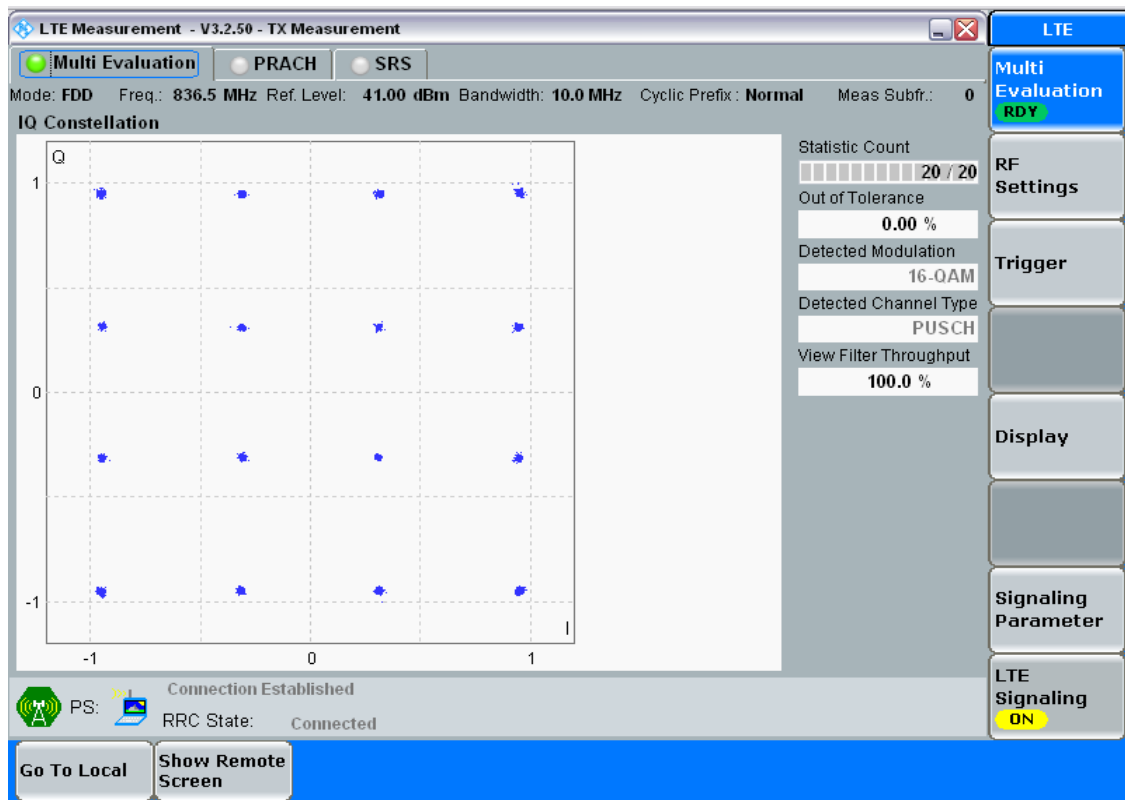
##### 3.3.3.2.3.1.1 Test RB = RB25#0



### 3.3.3.2.4 Test Bandwidth = 10

#### 3.3.3.2.4.1 Test Channel = MCH

##### 3.3.3.2.4.1.1 Test RB = RB50#0



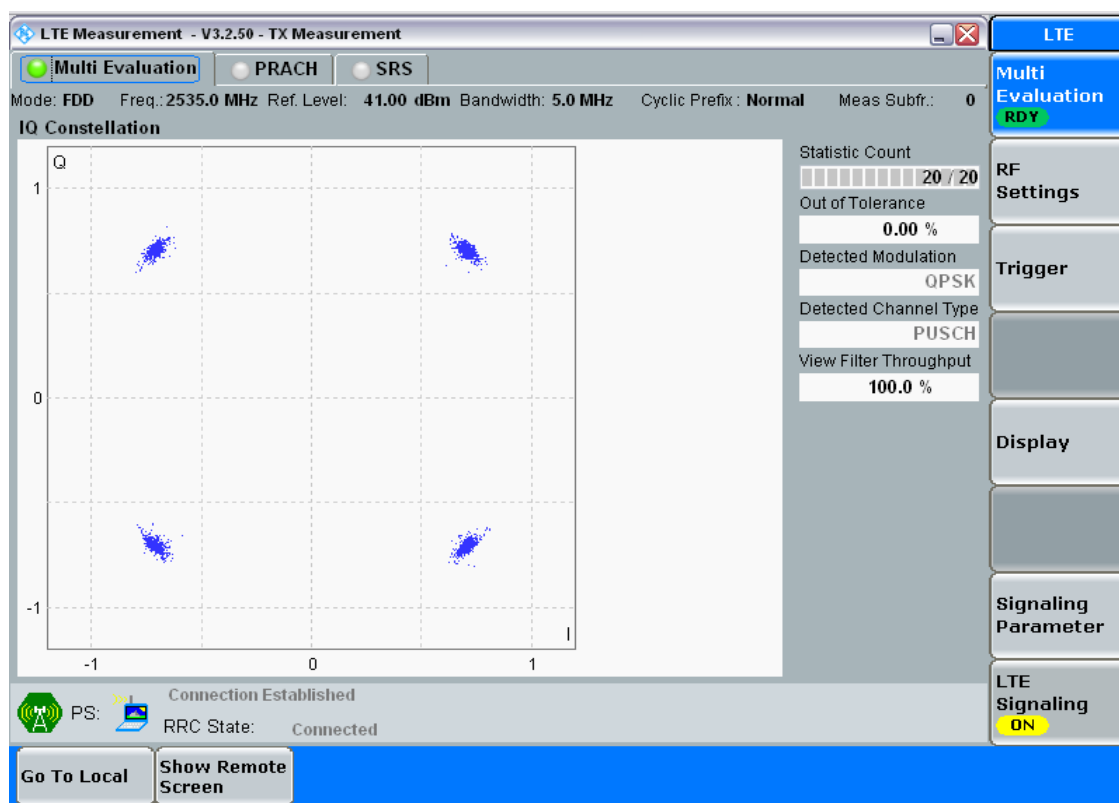
### 3.3.4 Test Band = BAND7

#### 3.3.4.1 Test Mode = LTE/TM1

##### 3.3.4.1.1 Test Bandwidth = 5

##### 3.3.4.1.1.1 Test Channel = MCH

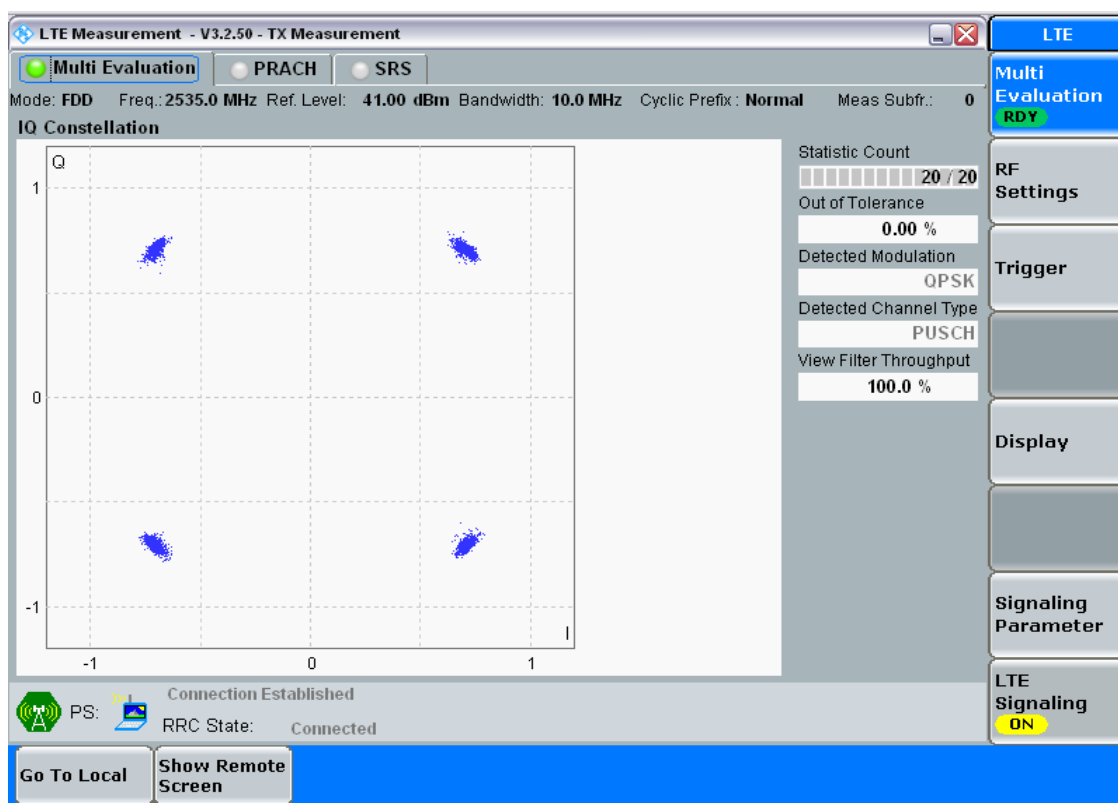
##### 3.3.4.1.1.1.1 Test RB = RB25#0



### 3.3.4.1.2 Test Bandwidth = 10

#### 3.3.4.1.2.1 Test Channel = MCH

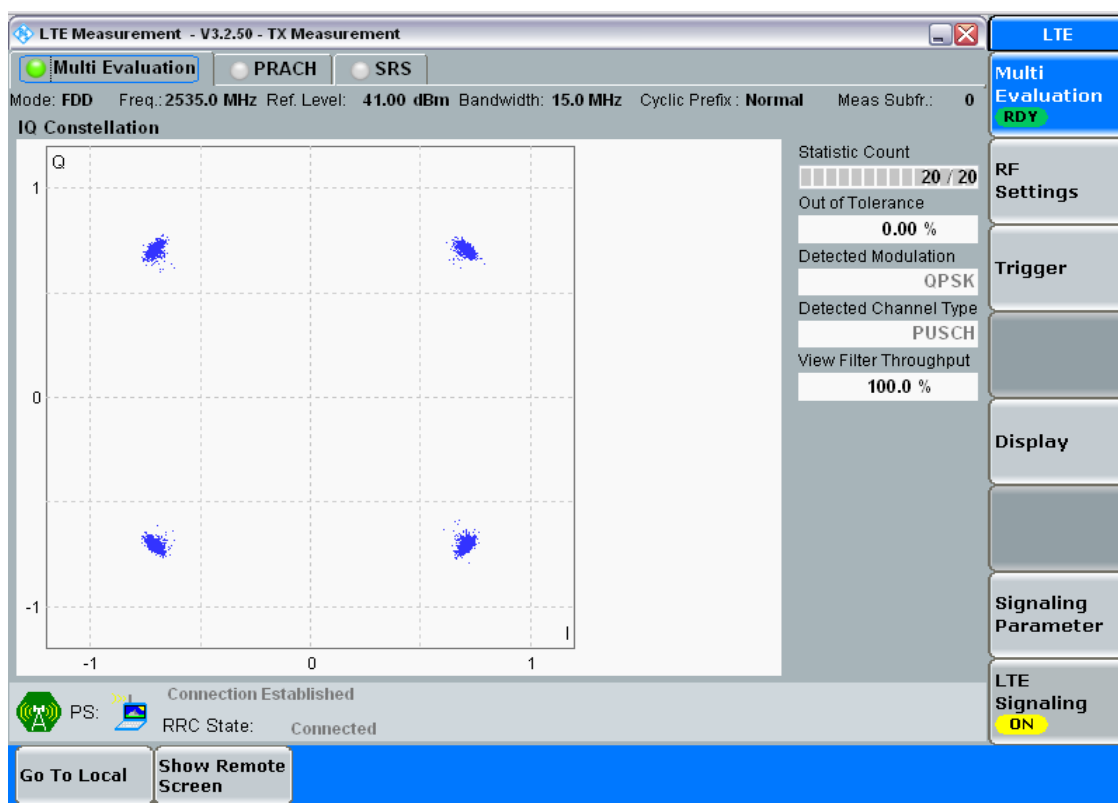
##### 3.3.4.1.2.1.1 Test RB = RB50#0



### 3.3.4.1.3 Test Bandwidth = 15

#### 3.3.4.1.3.1 Test Channel = MCH

##### 3.3.4.1.3.1.1 Test RB = RB75#0



### 3.3.4.1.4 Test Bandwidth = 20

#### 3.3.4.1.4.1 Test Channel = MCH

##### 3.3.4.1.4.1.1 Test RB = RB100#0

