# Appendix for test report

# 1Appendix_A: Effective (Isotropic) Radiated Power Output Data

**Part I - Test Results**

| 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 | 21.74 | 23.28 | 30 | PASS |
| | | | | RB1#3 | 21.74 | 23.39 | 30 | PASS |
| | | | | RB1#5 | 21.73 | 23.28 | 30 | PASS |
| | | | | RB3#0 | 21.77 | 23.07 | 30 | PASS |
| | | | | RB3#2 | 21.74 | 23.17 | 30 | PASS |
| | | | | RB3#3 | 21.75 | 23.14 | 30 | PASS |
| | | | | RB6#0 | 20.75 | 22.32 | 30 | PASS |
| | | | MCH | RB1#0 | 21.57 | 22.95 | 30 | PASS |
| | | | | RB1#3 | 21.63 | 23.13 | 30 | PASS |
| | | | | RB1#5 | 21.6 | 23.18 | 30 | PASS |
| | | | | RB3#0 | 21.62 | 23.22 | 30 | PASS |
| | | | | RB3#2 | 21.59 | 23.16 | 30 | PASS |
| | | | | RB3#3 | 21.58 | 22.96 | 30 | PASS |
| | | | | RB6#0 | 20.59 | 21.93 | 30 | PASS |
| | | | HCH | RB1#0 | 21.75 | 23.16 | 30 | PASS |
| | | | | RB1#3 | 21.83 | 23.17 | 30 | PASS |
| | | | | RB1#5 | 21.76 | 23.12 | 30 | PASS |
| | | | | RB3#0 | 21.65 | 23.01 | 30 | PASS |
| | | | | RB3#2 | 21.71 | 23.12 | 30 | PASS |
| | | | | RB3#3 | 21.67 | 23.07 | 30 | PASS |
| | | | | RB6#0 | 20.67 | 22.18 | 30 | PASS |
| | | 3 | LCH | RB1#0 | 21.72 | 23.25 | 30 | PASS |
| | | | | RB1#7 | 21.78 | 23.44 | 30 | PASS |
| | | | | RB1#14 | 21.73 | 23.03 | 30 | PASS |
| | | | | RB8#0 | 20.75 | 22.34 | 30 | PASS |
| | | | | RB8#4 | 20.76 | 22.14 | 30 | PASS |
| | | | | RB8#7 | 20.81 | 22.24 | 30 | PASS |
| | | | | RB15#0 | 20.83 | 22.48 | 30 | PASS |
| | | | MCH | RB1#0 | 21.58 | 22.94 | 30 | PASS |
| | | | | RB1#7 | 21.67 | 23.20 | 30 | PASS |
| | | | | RB1#14 | 21.62 | 23.22 | 30 | PASS |
| | | | | RB8#0 | 20.61 | 22.05 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB8#4 | 20.56 | 21.94 | 30 | PASS |
| | | | | RB8#7 | 20.54 | 22.02 | 30 | PASS |
| | | | | RB15#0 | 20.53 | 22.12 | 30 | PASS |
| | | | HCH | RB1#0 | 21.7 | 23.11 | 30 | PASS |
| | | | | RB1#7 | 21.72 | 23.37 | 30 | PASS |
| | | | | RB1#14 | 21.66 | 23.18 | 30 | PASS |
| | | | | RB8#0 | 20.74 | 22.32 | 30 | PASS |
| | | | | RB8#4 | 20.71 | 22.11 | 30 | PASS |
| | | | | RB8#7 | 20.66 | 21.96 | 30 | PASS |
| | | | | RB15#0 | 20.68 | 22.02 | 30 | PASS |
| | | 5 | LCH | RB1#0 | 21.68 | 23.22 | 30 | PASS |
| | | | | RB1#13 | 21.75 | 23.40 | 30 | PASS |
| | | | | RB1#24 | 21.68 | 23.01 | 30 | PASS |
| | | | | RB12#0 | 20.84 | 22.21 | 30 | PASS |
| | | | | RB12#6 | 20.8 | 22.18 | 30 | PASS |
| | | | | RB12#13 | 20.82 | 22.17 | 30 | PASS |
| | | | | RB25#0 | 20.74 | 22.07 | 30 | PASS |
| | | | MCH | RB1#0 | 21.56 | 23.19 | 30 | PASS |
| | | | | RB1#13 | 21.6 | 23.09 | 30 | PASS |
| | | | | RB1#24 | 21.47 | 22.90 | 30 | PASS |
| | | | | RB12#0 | 20.56 | 22.17 | 30 | PASS |
| | | | | RB12#6 | 20.59 | 22.27 | 30 | PASS |
| | | | | RB12#13 | 20.62 | 22.26 | 30 | PASS |
| | | | | RB25#0 | 20.57 | 22.19 | 30 | PASS |
| | | | HCH | RB1#0 | 21.71 | 23.09 | 30 | PASS |
| | | | | RB1#13 | 21.75 | 23.27 | 30 | PASS |
| | | | | RB1#24 | 21.66 | 23.32 | 30 | PASS |
| | | | | RB12#0 | 20.7 | 22.06 | 30 | PASS |
| | | | | RB12#6 | 20.72 | 22.11 | 30 | PASS |
| | | | | RB12#13 | 20.66 | 22.36 | 30 | PASS |
| | | | | RB25#0 | 20.66 | 22.23 | 30 | PASS |
| | | 10 | LCH | RB1#0 | 21.57 | 22.98 | 30 | PASS |
| | | | | RB1#25 | 21.81 | 23.48 | 30 | PASS |
| | | | | RB1#49 | 21.64 | 23.04 | 30 | PASS |
| | | | | RB25#0 | 20.78 | 22.18 | 30 | PASS |
| | | | | RB25#1 | 20.83 | 22.34 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | 3 | | | | |
| | | | | RB25#25 | 20.77 | 22.22 | 30 | PASS |
| | | | | RB50#0 | 20.72 | 22.29 | 30 | PASS |
| | | | MCH | RB1#0 | 21.56 | 23.03 | 30 | PASS |
| | | | | RB1#25 | 21.58 | 23.28 | 30 | PASS |
| | | | | RB1#49 | 21.49 | 22.90 | 30 | PASS |
| | | | | RB25#0 | 20.5 | 22.04 | 30 | PASS |
| | | | | RB25#13 | 20.57 | 21.93 | 30 | PASS |
| | | | | RB25#25 | 20.53 | 21.98 | 30 | PASS |
| | | | | RB50#0 | 20.56 | 21.94 | 30 | PASS |
| | | | HCH | RB1#0 | 21.53 | 23.08 | 30 | PASS |
| | | | | RB1#25 | 21.74 | 23.29 | 30 | PASS |
| | | | | RB1#49 | 21.53 | 23.11 | 30 | PASS |
| | | | | RB25#0 | 20.65 | 22.23 | 30 | PASS |
| | | | | RB25#13 | 20.68 | 22.10 | 30 | PASS |
| | | | | RB25#25 | 20.66 | 22.15 | 30 | PASS |
| | | | | RB50#0 | 20.67 | 22.31 | 30 | PASS |
| | | 15 | LCH | RB1#0 | 21.54 | 23.10 | 30 | PASS |
| | | | | RB1#38 | 21.75 | 23.33 | 30 | PASS |
| | | | | RB1#74 | 21.43 | 23.02 | 30 | PASS |
| | | | | RB38#0 | 20.68 | 22.37 | 30 | PASS |
| | | | | RB38#19 | 20.75 | 22.21 | 30 | PASS |
| | | | | RB38#39 | 20.67 | 22.29 | 30 | PASS |
| | | | | RB75#0 | 20.72 | 22.35 | 30 | PASS |
| | | | MCH | RB1#0 | 21.46 | 23.10 | 30 | PASS |
| | | | | RB1#38 | 21.58 | 23.13 | 30 | PASS |
| | | | | RB1#74 | 21.44 | 23.02 | 30 | PASS |
| | | | | RB38#0 | 20.54 | 22.04 | 30 | PASS |
| | | | | RB38#19 | 20.54 | 22.02 | 30 | PASS |
| | | | | RB38#39 | 20.51 | 21.99 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB75#0 | 20.49 | 21.85 | 30 | PASS |
| | | | HCH | RB1#0 | 21.44 | 23.10 | 30 | PASS |
| | | | | RB1#38 | 21.7 | 23.33 | 30 | PASS |
| | | | | RB1#74 | 21.42 | 23.04 | 30 | PASS |
| | | | | RB38#0 | 20.57 | 22.13 | 30 | PASS |
| | | | | RB38#19 | 20.67 | 22.01 | 30 | PASS |
| | | | | RB38#39 | 20.65 | 22.21 | 30 | PASS |
| | | | | RB75#0 | 20.65 | 22.33 | 30 | PASS |
| | | | LCH | RB1#0 | 21.79 | 23.42 | 30 | PASS |
| | | | | RB1#50 | 21.8 | 23.25 | 30 | PASS |
| | | | | RB1#99 | 21.56 | 22.90 | 30 | PASS |
| | | | | RB50#0 | 20.73 | 22.23 | 30 | PASS |
| | | | | RB50#25 | 20.78 | 22.40 | 30 | PASS |
| | | | | RB50#50 | 20.67 | 22.20 | 30 | PASS |
| | | | | RB100#0 | 20.74 | 22.42 | 30 | PASS |
| | | 20 | MCH | RB1#0 | 21.72 | 23.20 | 30 | PASS |
| | | | | RB1#50 | 21.58 | 22.89 | 30 | PASS |
| | | | | RB1#99 | 21.56 | 22.96 | 30 | PASS |
| | | | | RB50#0 | 20.58 | 22.17 | 30 | PASS |
| | | | | RB50#25 | 20.55 | 21.89 | 30 | PASS |
| | | | | RB50#50 | 20.51 | 22.17 | 30 | PASS |
| | | | | RB100#0 | 20.54 | 22.18 | 30 | PASS |
| | | | HCH | RB1#0 | 21.53 | 23.11 | 30 | PASS |
| | | | | RB1#50 | 21.68 | 23.07 | 30 | PASS |
| | | | | RB1#99 | 21.64 | 23.18 | 30 | PASS |
| | | | | RB50#0 | 20.57 | 22.06 | 30 | PASS |
| | | | | RB50#25 | 20.57 | 21.95 | 30 | PASS |
| | | | | RB50#50 | 20.61 | 22.25 | 30 | PASS |
| | | | | RB100# | 20.63 | 22.07 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | 0 | | | | |
| | | | LCH | RB1#0 | 20.98 | 22.64 | 30 | PASS |
| | | | | RB1#3 | 20.96 | 22.43 | 30 | PASS |
| | | | | RB1#5 | 20.93 | 22.49 | 30 | PASS |
| | | | | RB3#0 | 20.72 | 22.25 | 30 | PASS |
| | | | | RB3#2 | 20.68 | 22.20 | 30 | PASS |
| | | | | RB3#3 | 20.68 | 22.09 | 30 | PASS |
| | | | | RB6#0 | 19.7 | 21.35 | 30 | PASS |
| | | 1.4 | MCH | RB1#0 | 20.81 | 22.35 | 30 | PASS |
| | | | | RB1#3 | 20.79 | 22.20 | 30 | PASS |
| | | | | RB1#5 | 20.76 | 22.26 | 30 | PASS |
| | | | | RB3#0 | 20.62 | 21.97 | 30 | PASS |
| | | | | RB3#2 | 20.59 | 22.12 | 30 | PASS |
| | | | | RB3#3 | 20.62 | 22.23 | 30 | PASS |
| | | | | RB6#0 | 19.56 | 20.89 | 30 | PASS |
| | | | HCH | RB1#0 | 20.82 | 22.43 | 30 | PASS |
| | | | | RB1#3 | 20.79 | 22.38 | 30 | PASS |
| | | | | RB1#5 | 20.84 | 22.40 | 30 | PASS |
| | LTE/TM2 | | | RB3#0 | 20.72 | 22.38 | 30 | PASS |
| | | | | RB3#2 | 20.68 | 22.19 | 30 | PASS |
| | | | | RB3#3 | 20.64 | 22.07 | 30 | PASS |
| | | | | RB6#0 | 19.57 | 21.01 | 30 | PASS |
| | | | LCH | RB1#0 | 20.81 | 22.35 | 30 | PASS |
| | | | | RB1#7 | 20.86 | 22.53 | 30 | PASS |
| | | | | RB1#14 | 20.85 | 22.26 | 30 | PASS |
| | | | | RB8#0 | 19.75 | 21.12 | 30 | PASS |
| | | | | RB8#4 | 19.78 | 21.45 | 30 | PASS |
| | | | | RB8#7 | 19.81 | 21.23 | 30 | PASS |
| | | | | RB15#0 | 19.7 | 21.30 | 30 | PASS |
| | | 3 | MCH | RB1#0 | 20.48 | 21.88 | 30 | PASS |
| | | | | RB1#7 | 20.57 | 22.09 | 30 | PASS |
| | | | | RB1#14 | 20.5 | 21.87 | 30 | PASS |
| | | | | RB8#0 | 19.59 | 20.98 | 30 | PASS |
| | | | | RB8#4 | 19.54 | 21.07 | 30 | PASS |
| | | | | RB8#7 | 19.63 | 21.13 | 30 | PASS |
| | | | | RB15#0 | 19.59 | 21.10 | 30 | PASS |
| | | | HCH | RB1#0 | 20.87 | 22.54 | 30 | PASS |
| | | | | RB1#7 | 20.89 | 22.22 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB1#14 | 20.79 | 22.17 | 30 | PASS |
| | | | | RB8#0 | 19.6 | 21.14 | 30 | PASS |
| | | | | RB8#4 | 19.62 | 21.26 | 30 | PASS |
| | | | | RB8#7 | 19.62 | 21.03 | 30 | PASS |
| | | | | RB15#0 | 19.63 | 20.99 | 30 | PASS |
| | | | LCH | RB1#0 | 20.81 | 22.48 | 30 | PASS |
| | | | | RB1#13 | 20.83 | 22.49 | 30 | PASS |
| | | | | RB1#24 | 20.82 | 22.31 | 30 | PASS |
| | | | | RB12#0 | 19.71 | 21.40 | 30 | PASS |
| | | | | RB12#6 | 19.75 | 21.12 | 30 | PASS |
| | | | | RB12#13 | 19.71 | 21.39 | 30 | PASS |
| | | | | RB25#0 | 19.71 | 21.34 | 30 | PASS |
| | | 5 | MCH | RB1#0 | 20.9 | 22.43 | 30 | PASS |
| | | | | RB1#13 | 20.95 | 22.25 | 30 | PASS |
| | | | | RB1#24 | 20.88 | 22.48 | 30 | PASS |
| | | | | RB12#0 | 19.53 | 21.00 | 30 | PASS |
| | | | | RB12#6 | 19.56 | 21.20 | 30 | PASS |
| | | | | RB12#13 | 19.47 | 21.10 | 30 | PASS |
| | | | | RB25#0 | 19.54 | 20.85 | 30 | PASS |
| | | | HCH | RB1#0 | 20.91 | 22.29 | 30 | PASS |
| | | | | RB1#13 | 20.99 | 22.43 | 30 | PASS |
| | | | | RB1#24 | 20.88 | 22.24 | 30 | PASS |
| | | | | RB12#0 | 19.69 | 21.30 | 30 | PASS |
| | | | | RB12#6 | 19.7 | 21.08 | 30 | PASS |
| | | | | RB12#13 | 19.68 | 21.32 | 30 | PASS |
| | | | | RB25#0 | 19.6 | 20.92 | 30 | PASS |
| | | 10 | LCH | RB1#0 | 20.78 | 22.40 | 30 | PASS |
| | | | | RB1#25 | 21 | 22.59 | 30 | PASS |
| | | | | RB1#49 | 20.9 | 22.27 | 30 | PASS |
| | | | | RB25#0 | 19.68 | 21.25 | 30 | PASS |
| | | | | RB25#13 | 19.75 | 21.34 | 30 | PASS |
| | | | | RB25#25 | 19.75 | 21.13 | 30 | PASS |
| | | | | RB50#0 | 19.69 | 21.04 | 30 | PASS |
| | | | MCH | RB1#0 | 20.49 | 22.03 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit[dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB1#25 | 20.58 | 21.96 | 30 | PASS |
| | | | | RB1#49 | 20.48 | 22.04 | 30 | PASS |
| | | | | RB25#0 | 19.46 | 20.83 | 30 | PASS |
| | | | | RB25#13 | 19.46 | 21.14 | 30 | PASS |
| | | | | RB25#25 | 19.41 | 20.89 | 30 | PASS |
| | | | | RB50#0 | 19.45 | 21.00 | 30 | PASS |
| | | | HCH | RB1#0 | 20.66 | 22.22 | 30 | PASS |
| | | | | RB1#25 | 20.91 | 22.60 | 30 | PASS |
| | | | | RB1#49 | 20.67 | 22.23 | 30 | PASS |
| | | | | RB25#0 | 19.61 | 21.30 | 30 | PASS |
| | | | | RB25#13 | 19.68 | 21.25 | 30 | PASS |
| | | | | RB25#25 | 19.71 | 21.21 | 30 | PASS |
| | | | | RB50#0 | 19.58 | 21.15 | 30 | PASS |
| | | 15 | LCH | RB1#0 | 20.78 | 22.38 | 30 | PASS |
| | | | | RB1#38 | 21.03 | 22.42 | 30 | PASS |
| | | | | RB1#74 | 20.71 | 22.10 | 30 | PASS |
| | | | | RB38#0 | 19.69 | 21.14 | 30 | PASS |
| | | | | RB38#19 | 19.78 | 21.41 | 30 | PASS |
| | | | | RB38#39 | 19.69 | 21.09 | 30 | PASS |
| | | | | RB75#0 | 19.7 | 21.33 | 30 | PASS |
| | | | MCH | RB1#0 | 20.86 | 22.33 | 30 | PASS |
| | | | | RB1#38 | 20.94 | 22.62 | 30 | PASS |
| | | | | RB1#74 | 20.75 | 22.17 | 30 | PASS |
| | | | | RB38#0 | 19.5 | 21.17 | 30 | PASS |
| | | | | RB38#19 | 19.5 | 21.05 | 30 | PASS |
| | | | | RB38#39 | 19.42 | 20.92 | 30 | PASS |
| | | | | RB75#0 | 19.39 | 20.78 | 30 | PASS |
| | | | HCH | RB1#0 | 20.52 | 21.85 | 30 | PASS |
| | | | | RB1#38 | 20.77 | 22.17 | 30 | PASS |
| | | | | RB1#74 | 20.58 | 22.26 | 30 | PASS |
| | | | | RB38#0 | 19.57 | 21.13 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP[dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB38#19 | 19.64 | 21.03 | 30 | PASS |
| | | | | RB38#39 | 19.62 | 20.95 | 30 | PASS |
| | | | | RB75#0 | 19.52 | 21.17 | 30 | PASS |
| | | 20 | LCH | RB1#0 | 20.94 | 22.38 | 30 | PASS |
| | | | | RB1#50 | 20.98 | 22.59 | 30 | PASS |
| | | | | RB1#99 | 20.64 | 22.30 | 30 | PASS |
| | | | | RB50#0 | 19.71 | 21.09 | 30 | PASS |
| | | | | RB50#25 | 19.65 | 20.98 | 30 | PASS |
| | | | | RB50#50 | 19.61 | 21.24 | 30 | PASS |
| | | | | RB100#0 | 19.61 | 21.17 | 30 | PASS |
| | | | MCH | RB1#0 | 20.86 | 22.27 | 30 | PASS |
| | | | | RB1#50 | 20.81 | 22.25 | 30 | PASS |
| | | | | RB1#99 | 20.82 | 22.26 | 30 | PASS |
| | | | | RB50#0 | 19.56 | 20.86 | 30 | PASS |
| | | | | RB50#25 | 19.44 | 21.06 | 30 | PASS |
| | | | | RB50#50 | 19.42 | 20.77 | 30 | PASS |
| | | | | RB100#0 | 19.47 | 21.13 | 30 | PASS |
| | | | HCH | RB1#0 | 20.83 | 22.22 | 30 | PASS |
| | | | | RB1#50 | 20.9 | 22.44 | 30 | PASS |
| | | | | RB1#99 | 20.81 | 22.12 | 30 | PASS |
| | | | | RB50#0 | 19.48 | 21.11 | 30 | PASS |
| | | | | RB50#25 | 19.49 | 21.16 | 30 | PASS |
| | | | | RB50#50 | 19.5 | 21.14 | 30 | PASS |
| | | | | RB100#0 | 19.56 | 21.10 | 30 | 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,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b, SGP = Signal Generator Level

Note2:

SET Span = 1.5 * OBW

SET RBW = 1% of the OBW,not to exceed 1MHz

SET VBW >= 3 * RBW

SET Sweep time = auto - couple.

Detector: RMS

# 2Appendix_B: Peak-to-Average Ratio

## Part I - Test Results

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| BAND4 | LTE/TM1 | 1.4 | LCH | RB1#0 | 4.14 | 13 | PASS |
| | | | | RB1#3 | 4.09 | 13 | PASS |
| | | | | RB1#5 | 4.08 | 13 | PASS |
| | | | | RB3#0 | 4.7 | 13 | PASS |
| | | | | RB3#2 | 4.61 | 13 | PASS |
| | | | | RB3#3 | 4.66 | 13 | PASS |
| | | | | RB6#0 | 5.51 | 13 | PASS |
| | | | MCH | RB1#0 | 4.62 | 13 | PASS |
| | | | | RB1#3 | 4.54 | 13 | PASS |
| | | | | RB1#5 | 4.65 | 13 | PASS |
| | | | | RB3#0 | 5.34 | 13 | PASS |
| | | | | RB3#2 | 5.42 | 13 | PASS |
| | | | | RB3#3 | 5.34 | 13 | PASS |
| | | | | RB6#0 | 5.89 | 13 | PASS |
| | | | HCH | RB1#0 | 4.63 | 13 | PASS |
| | | | | RB1#3 | 4.63 | 13 | PASS |
| | | | | RB1#5 | 4.64 | 13 | PASS |
| | | | | RB3#0 | 5.18 | 13 | PASS |
| | | | | RB3#2 | 5.08 | 13 | PASS |
| | | | | RB3#3 | 5.14 | 13 | PASS |
| | | | | RB6#0 | 5.65 | 13 | PASS |
| | | 3 | LCH | RB1#0 | 4.12 | 13 | PASS |
| | | | | RB1#7 | 4 | 13 | PASS |
| | | | | RB1#14 | 4 | 13 | PASS |
| | | | | RB8#0 | 5.28 | 13 | PASS |
| | | | | RB8#4 | 5.13 | 13 | PASS |
| | | | | RB8#7 | 5.15 | 13 | PASS |
| | | | | RB15#0 | 5.89 | 13 | PASS |
| | | | MCH | RB1#0 | 4.64 | 13 | PASS |
| | | | | RB1#7 | 4.71 | 13 | PASS |
| | | | | RB1#14 | 4.72 | 13 | PASS |
| | | | | RB8#0 | 5.93 | 13 | PASS |
| | | | | RB8#4 | 5.92 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB8#7 | 5.96 | 13 | PASS |
| | | | | RB15#0 | 5.72 | 13 | PASS |
| | | | HCH | RB1#0 | 4.74 | 13 | PASS |
| | | | | RB1#7 | 4.69 | 13 | PASS |
| | | | | RB1#14 | 4.75 | 13 | PASS |
| | | | | RB8#0 | 5.31 | 13 | PASS |
| | | | | RB8#4 | 5.35 | 13 | PASS |
| | | | | RB8#7 | 5.37 | 13 | PASS |
| | | | | RB15#0 | 5.37 | 13 | PASS |
| | | 5 | LCH | RB1#0 | 4.2 | 13 | PASS |
| | | | | RB1#13 | 4.01 | 13 | PASS |
| | | | | RB1#24 | 4.13 | 13 | PASS |
| | | | | RB12#0 | 5.27 | 13 | PASS |
| | | | | RB12#6 | 5.11 | 13 | PASS |
| | | | | RB12#13 | 5.25 | 13 | PASS |
| | | | | RB25#0 | 5.67 | 13 | PASS |
| | | | MCH | RB1#0 | 4.81 | 13 | PASS |
| | | | | RB1#13 | 4.72 | 13 | PASS |
| | | | | RB1#24 | 4.85 | 13 | PASS |
| | | | | RB12#0 | 6.01 | 13 | PASS |
| | | | | RB12#6 | 5.98 | 13 | PASS |
| | | | | RB12#13 | 6.05 | 13 | PASS |
| | | | | RB25#0 | 6.15 | 13 | PASS |
| | | | HCH | RB1#0 | 4.86 | 13 | PASS |
| | | | | RB1#13 | 4.62 | 13 | PASS |
| | | | | RB1#24 | 4.69 | 13 | PASS |
| | | | | RB12#0 | 5.59 | 13 | PASS |
| | | | | RB12#6 | 5.53 | 13 | PASS |
| | | | | RB12#13 | 5.69 | 13 | PASS |
| | | | | RB25#0 | 6.19 | 13 | PASS |
| | | 10 | LCH | RB1#0 | 4.09 | 13 | PASS |
| | | | | RB1#25 | 3.87 | 13 | PASS |
| | | | | RB1#49 | 4.14 | 13 | PASS |
| | | | | RB25#0 | 5.43 | 13 | PASS |
| | | | | RB25#13 | 5.28 | 13 | PASS |
| | | | | RB25#25 | 5.4 | 13 | PASS |
| | | | | RB50#0 | 5.76 | 13 | PASS |
| | | | MCH | RB1#0 | 4.45 | 13 | PASS |
| | | | | RB1#25 | 4.53 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB1#49 | 4.61 | 13 | PASS |
| | | | | RB25#0 | 6.15 | 13 | PASS |
| | | | | RB25#13 | 6.07 | 13 | PASS |
| | | | | RB25#25 | 6.17 | 13 | PASS |
| | | | | RB50#0 | 6.27 | 13 | PASS |
| | | | HCH | RB1#0 | 4.85 | 13 | PASS |
| | | | | RB1#25 | 4.63 | 13 | PASS |
| | | | | RB1#49 | 4.83 | 13 | PASS |
| | | | | RB25#0 | 5.82 | 13 | PASS |
| | | | | RB25#13 | 5.65 | 13 | PASS |
| | | | | RB25#25 | 5.83 | 13 | PASS |
| | | | | RB50#0 | 6.15 | 13 | PASS |
| | | 15 | LCH | RB1#0 | 4.08 | 13 | PASS |
| | | | | RB1#38 | 3.84 | 13 | PASS |
| | | | | RB1#74 | 4.4 | 13 | PASS |
| | | | | RB38#0 | 5.46 | 13 | PASS |
| | | | | RB38#19 | 5.37 | 13 | PASS |
| | | | | RB38#39 | 5.74 | 13 | PASS |
| | | | | RB75#0 | 6.12 | 13 | PASS |
| | | | MCH | RB1#0 | 4.53 | 13 | PASS |
| | | | | RB1#38 | 4.6 | 13 | PASS |
| | | | | RB1#74 | 4.59 | 13 | PASS |
| | | | | RB38#0 | 6.26 | 13 | PASS |
| | | | | RB38#19 | 6.27 | 13 | PASS |
| | | | | RB38#39 | 6.45 | 13 | PASS |
| | | | | RB75#0 | 6.56 | 13 | PASS |
| | | | HCH | RB1#0 | 5.06 | 13 | PASS |
| | | | | RB1#38 | 4.69 | 13 | PASS |
| | | | | RB1#74 | 4.89 | 13 | PASS |
| | | | | RB38#0 | 5.9 | 13 | PASS |
| | | | | RB38#19 | 5.75 | 13 | PASS |
| | | | | RB38#39 | 5.86 | 13 | PASS |
| | | | | RB75#0 | 6.5 | 13 | PASS |
| | | 20 | LCH | RB1#0 | 4.08 | 13 | PASS |
| | | | | RB1#50 | 4.17 | 13 | PASS |
| | | | | RB1#99 | 4.8 | 13 | PASS |
| | | | | RB50#0 | 5.52 | 13 | PASS |
| | | | | RB50#25 | 5.54 | 13 | PASS |
| | | | | RB50#50 | 6.02 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB100#0 | 6.16 | 13 | PASS |
| | | | MCH | RB1#0 | 4.5 | 13 | PASS |
| | | | | RB1#50 | 4.72 | 13 | PASS |
| | | | | RB1#99 | 4.65 | 13 | PASS |
| | | | | RB50#0 | 6.14 | 13 | PASS |
| | | | | RB50#25 | 6.26 | 13 | PASS |
| | | | | RB50#50 | 6.15 | 13 | PASS |
| | | | | RB100#0 | 6.57 | 13 | PASS |
| | | | HCH | RB1#0 | 4.76 | 13 | PASS |
| | | | | RB1#50 | 4.49 | 13 | PASS |
| | | | | RB1#99 | 4.65 | 13 | PASS |
| | | | | RB50#0 | 6.07 | 13 | PASS |
| | | | | RB50#25 | 5.86 | 13 | PASS |
| | | | | RB50#50 | 5.93 | 13 | PASS |
| | | | | RB100#0 | 6.29 | 13 | PASS |
| | LTE/TM2 | 1.4 | LCH | RB1#0 | 4.9 | 13 | PASS |
| | | | | RB1#3 | 4.99 | 13 | PASS |
| | | | | RB1#5 | 4.87 | 13 | PASS |
| | | | | RB3#0 | 5.37 | 13 | PASS |
| | | | | RB3#2 | 5.39 | 13 | PASS |
| | | | | RB3#3 | 5.39 | 13 | PASS |
| | | | | RB6#0 | 6.3 | 13 | PASS |
| | | | MCH | RB1#0 | 5.41 | 13 | PASS |
| | | | | RB1#3 | 5.45 | 13 | PASS |
| | | | | RB1#5 | 5.43 | 13 | PASS |
| | | | | RB3#0 | 6.33 | 13 | PASS |
| | | | | RB3#2 | 6.52 | 13 | PASS |
| | | | | RB3#3 | 6.39 | 13 | PASS |
| | | | | RB6#0 | 6.74 | 13 | PASS |
| | | | HCH | RB1#0 | 5.1 | 13 | PASS |
| | | | | RB1#3 | 5.06 | 13 | PASS |
| | | | | RB1#5 | 5.18 | 13 | PASS |
| | | | | RB3#0 | 5.99 | 13 | PASS |
| | | | | RB3#2 | 6.04 | 13 | PASS |
| | | | | RB3#3 | 6.08 | 13 | PASS |
| | | | | RB6#0 | 6.63 | 13 | PASS |
| | | 3 | LCH | RB1#0 | 5.27 | 13 | PASS |
| | | | | RB1#7 | 5.09 | 13 | PASS |
| | | | | RB1#14 | 5.15 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB8#0 | 6.14 | 13 | PASS |
| | | | | RB8#4 | 6.01 | 13 | PASS |
| | | | | RB8#7 | 6.09 | 13 | PASS |
| | | | | RB15#0 | 6.36 | 13 | PASS |
| | | | MCH | RB1#0 | 6.17 | 13 | PASS |
| | | | | RB1#7 | 6.18 | 13 | PASS |
| | | | | RB1#14 | 6.15 | 13 | PASS |
| | | | | RB8#0 | 6.8 | 13 | PASS |
| | | | | RB8#4 | 6.9 | 13 | PASS |
| | | | | RB8#7 | 6.96 | 13 | PASS |
| | | | | RB15#0 | 6.4 | 13 | PASS |
| | | | HCH | RB1#0 | 5.45 | 13 | PASS |
| | | | | RB1#7 | 5.33 | 13 | PASS |
| | | | | RB1#14 | 5.43 | 13 | PASS |
| | | | | RB8#0 | 6.33 | 13 | PASS |
| | | | | RB8#4 | 6.24 | 13 | PASS |
| | | | | RB8#7 | 6.35 | 13 | PASS |
| | | | | RB15#0 | 6.42 | 13 | PASS |
| | | | LCH | RB1#0 | 5.17 | 13 | PASS |
| | | | | RB1#13 | 4.95 | 13 | PASS |
| | | | | RB1#24 | 4.91 | 13 | PASS |
| | | | | RB12#0 | 6.1 | 13 | PASS |
| | | | | RB12#6 | 5.98 | 13 | PASS |
| | | | | RB12#13 | 5.94 | 13 | PASS |
| | | | | RB25#0 | 6.47 | 13 | PASS |
| | | 5 | MCH | RB1#0 | 5.58 | 13 | PASS |
| | | | | RB1#13 | 5.5 | 13 | PASS |
| | | | | RB1#24 | 5.67 | 13 | PASS |
| | | | | RB12#0 | 6.97 | 13 | PASS |
| | | | | RB12#6 | 6.87 | 13 | PASS |
| | | | | RB12#13 | 6.84 | 13 | PASS |
| | | | | RB25#0 | 6.99 | 13 | PASS |
| | | | HCH | RB1#0 | 5.2 | 13 | PASS |
| | | | | RB1#13 | 5.23 | 13 | PASS |
| | | | | RB1#24 | 5.28 | 13 | PASS |
| | | | | RB12#0 | 6.41 | 13 | PASS |
| | | | | RB12#6 | 6.41 | 13 | PASS |
| | | | | RB12#13 | 6.52 | 13 | PASS |
| | | | | RB25#0 | 6.74 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | 10 | LCH | RB1#0 | 5.09 | 13 | PASS |
| | | | | RB1#25 | 4.83 | 13 | PASS |
| | | | | RB1#49 | 5.17 | 13 | PASS |
| | | | | RB25#0 | 6.28 | 13 | PASS |
| | | | | RB25#13 | 6.09 | 13 | PASS |
| | | | | RB25#25 | 6.2 | 13 | PASS |
| | | | | RB50#0 | 6.64 | 13 | PASS |
| | | | MCH | RB1#0 | 5.74 | 13 | PASS |
| | | | | RB1#25 | 5.81 | 13 | PASS |
| | | | | RB1#49 | 5.82 | 13 | PASS |
| | | | | RB25#0 | 7.01 | 13 | PASS |
| | | | | RB25#13 | 7.1 | 13 | PASS |
| | | | | RB25#25 | 7.12 | 13 | PASS |
| | | | | RB50#0 | 7.19 | 13 | PASS |
| | | | HCH | RB1#0 | 5.41 | 13 | PASS |
| | | | | RB1#25 | 5.01 | 13 | PASS |
| | | | | RB1#49 | 5.53 | 13 | PASS |
| | | | | RB25#0 | 6.75 | 13 | PASS |
| | | | | RB25#13 | 6.7 | 13 | PASS |
| | | | | RB25#25 | 6.7 | 13 | PASS |
| | | | | RB50#0 | 7.18 | 13 | PASS |
| | | 15 | LCH | RB1#0 | 0 | 13 | PASS |
| | | | | RB1#38 | 5.04 | 13 | PASS |
| | | | | RB1#74 | 5.65 | 13 | PASS |
| | | | | RB38#0 | 6.41 | 13 | PASS |
| | | | | RB38#19 | 6.32 | 13 | PASS |
| | | | | RB38#39 | 6.58 | 13 | PASS |
| | | | | RB75#0 | 6.95 | 13 | PASS |
| | | | MCH | RB1#0 | 5.32 | 13 | PASS |
| | | | | RB1#38 | 5.19 | 13 | PASS |
| | | | | RB1#74 | 5.16 | 13 | PASS |
| | | | | RB38#0 | 6.91 | 13 | PASS |
| | | | | RB38#19 | 6.95 | 13 | PASS |
| | | | | RB38#39 | 7.06 | 13 | PASS |
| | | | | RB75#0 | 7.23 | 13 | PASS |
| | | | HCH | RB1#0 | 5.78 | 13 | PASS |
| | | | | RB1#38 | 5.5 | 13 | PASS |
| | | | | RB1#74 | 5.59 | 13 | PASS |
| | | | | RB38#0 | 7.01 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB38#19 | 6.94 | 13 | PASS |
| | | | | RB38#39 | 7 | 13 | PASS |
| | | | | RB75#0 | 7.29 | 13 | PASS |
| | | 20 | LCH | RB1#0 | 5.29 | 13 | PASS |
| | | | | RB1#50 | 5.04 | 13 | PASS |
| | | | | RB1#99 | 5.92 | 13 | PASS |
| | | | | RB50#0 | 6.41 | 13 | PASS |
| | | | | RB50#25 | 6.45 | 13 | PASS |
| | | | | RB50#50 | 6.85 | 13 | PASS |
| | | | | RB100#0 | 6.93 | 13 | PASS |
| | | | MCH | RB1#0 | 5.08 | 13 | PASS |
| | | | | RB1#50 | 5.55 | 13 | PASS |
| | | | | RB1#99 | 5.42 | 13 | PASS |
| | | | | RB50#0 | 7.05 | 13 | PASS |
| | | | | RB50#25 | 7.21 | 13 | PASS |
| | | | | RB50#50 | 7.19 | 13 | PASS |
| | | | | RB100#0 | 7.35 | 13 | PASS |
| | | | HCH | RB1#0 | 5.79 | 13 | PASS |
| | | | | RB1#50 | 5.55 | 13 | PASS |
| | | | | RB1#99 | 5.57 | 13 | PASS |
| | | | | RB50#0 | 7.07 | 13 | PASS |
| | | | | RB50#25 | 6.9 | 13 | PASS |
| | | | | RB50#50 | 6.88 | 13 | PASS |
| | | | | RB100#0 | 7.2 | 13 | PASS |

# 3Appendix_C: Modulation Characteristics

**Part I - Test Plots**

**3.1 For LTE**

**3.1.1 Test Band = BAND4**

**3.1.1.1 Test Mode = LTE/TM1**

**3.1.1.1.1 Test Bandwidth = 1.4**

**3.1.1.1.1.1 Test Channel = MCH**

**3.1.1.1.1.1.1 Test RB = RB6#0**
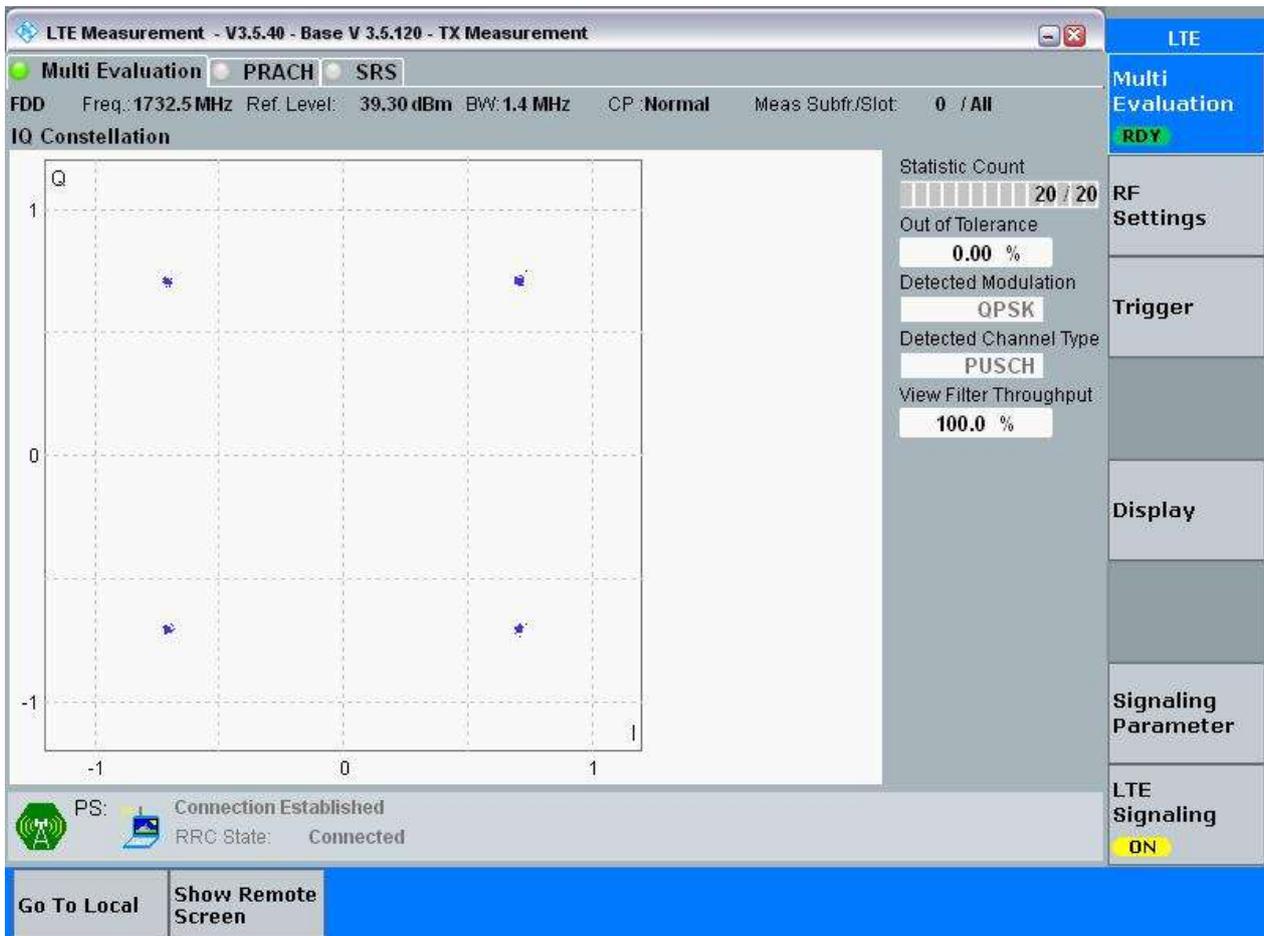
### 3.1.1.1.2 Test Bandwidth = 3

### 3.1.1.1.2.1 Test Channel = MCH

### 3.1.1.1.2.1.1 Test RB = RB15#0
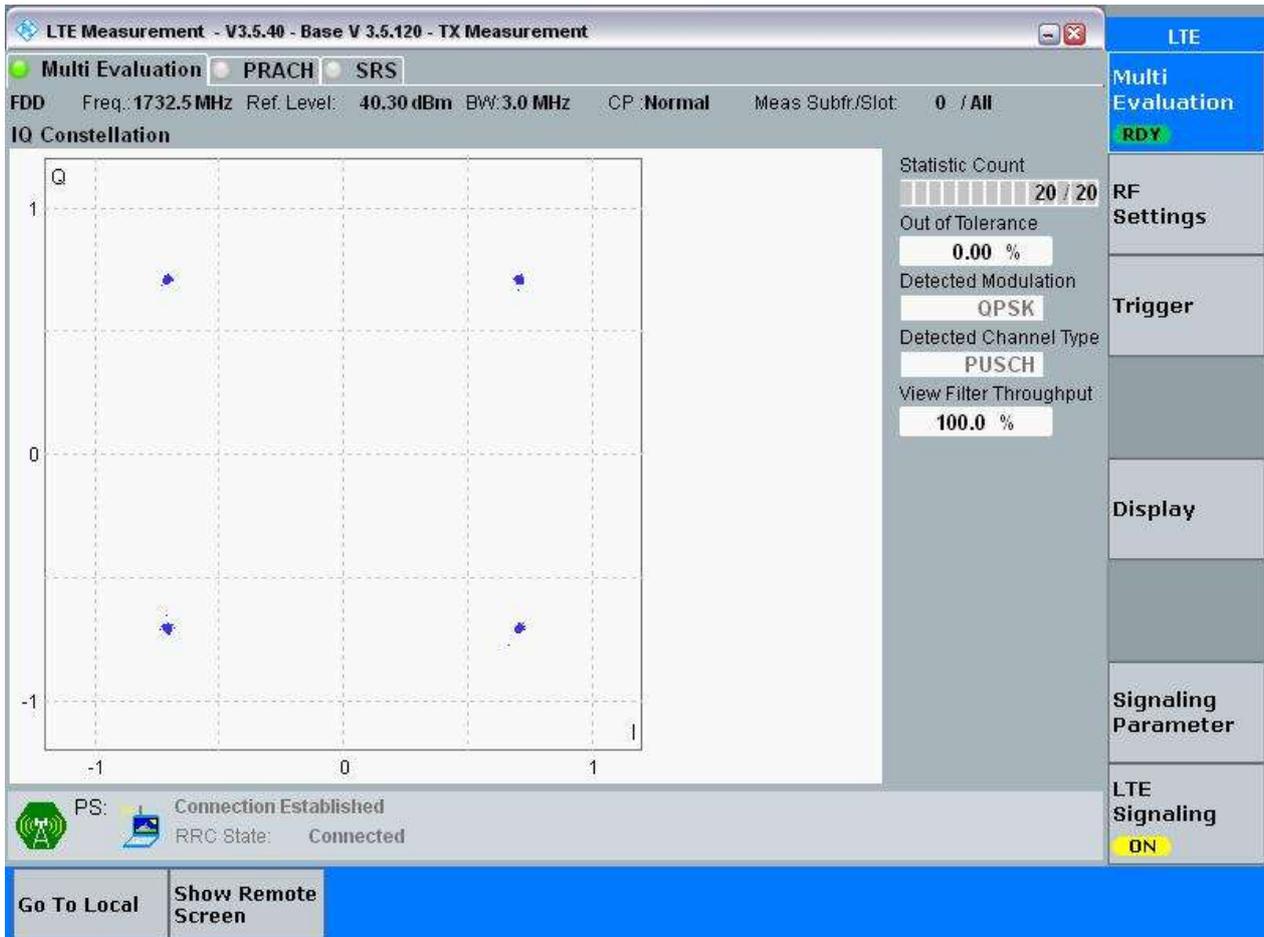
### 3.1.1.1.3 Test Bandwidth = 5

### 3.1.1.1.3.1 Test Channel = MCH

### 3.1.1.1.3.1.1 Test RB = RB25#0
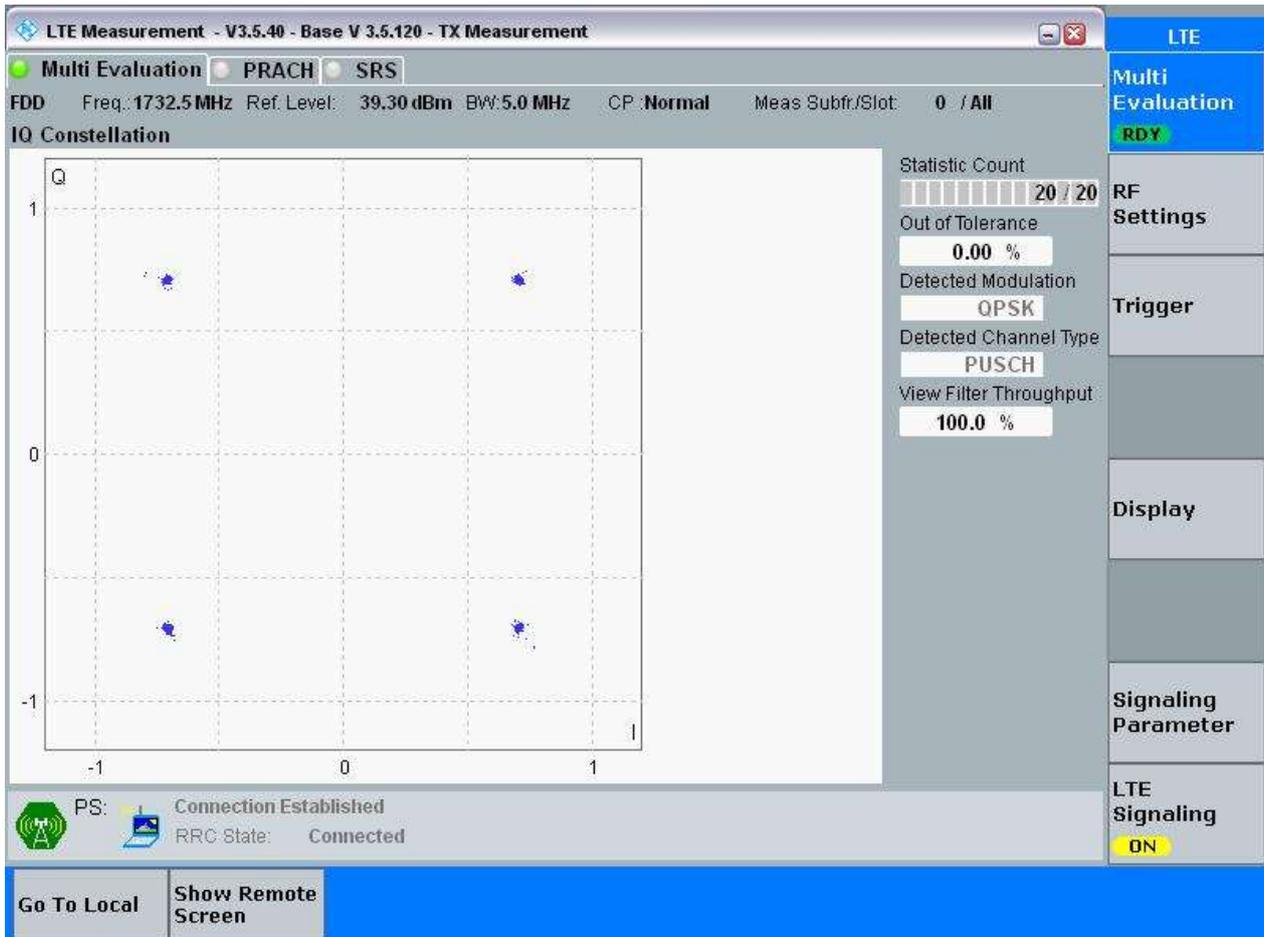
### 3.1.1.1.4 Test Bandwidth = 10

### 3.1.1.1.4.1 Test Channel = MCH

### 3.1.1.1.4.1.1 Test RB = RB50#0
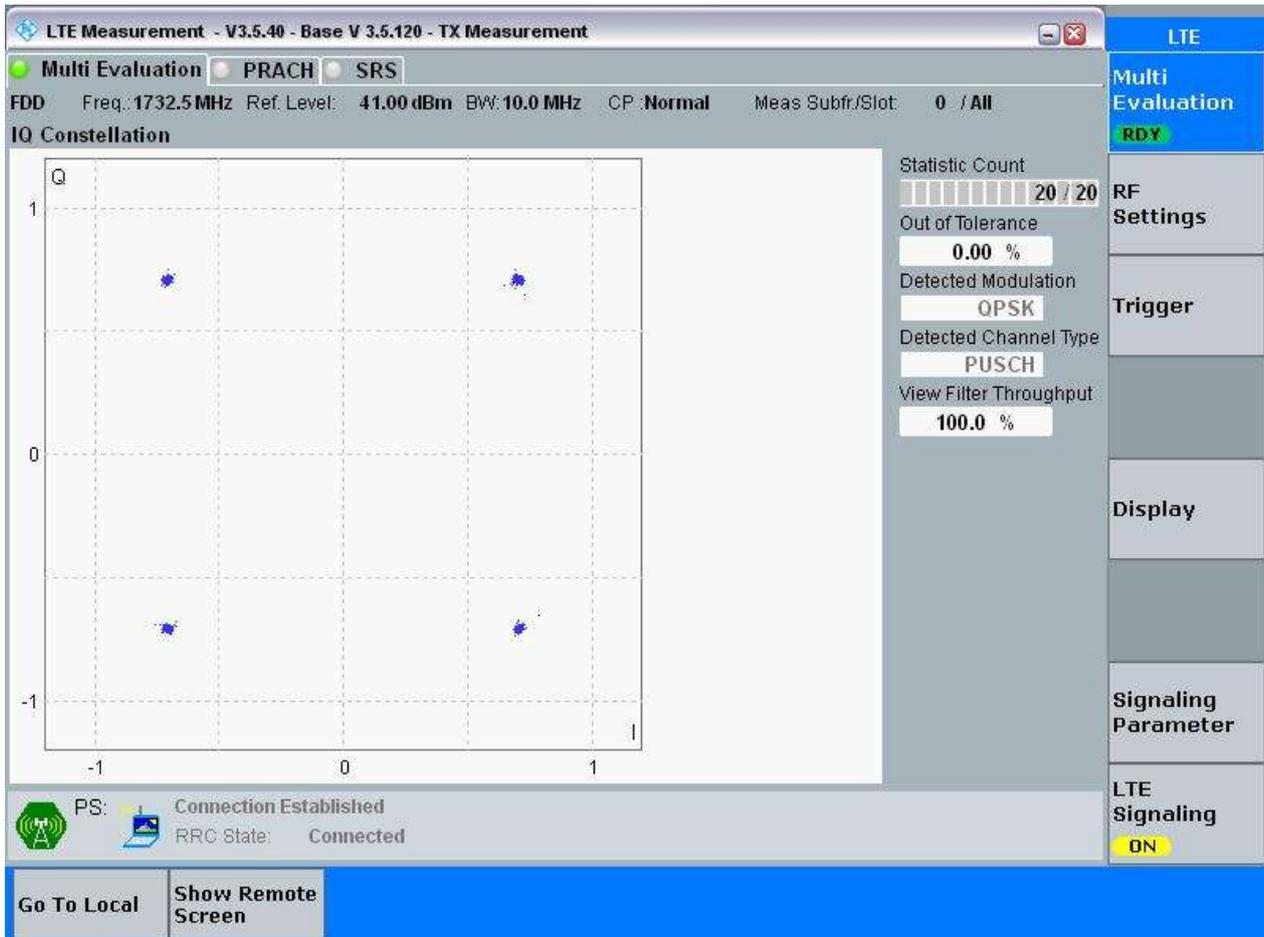
### 3.1.1.1.5 Test Bandwidth = 15

### 3.1.1.1.5.1 Test Channel = MCH

### 3.1.1.1.5.1.1 Test RB = RB75#0
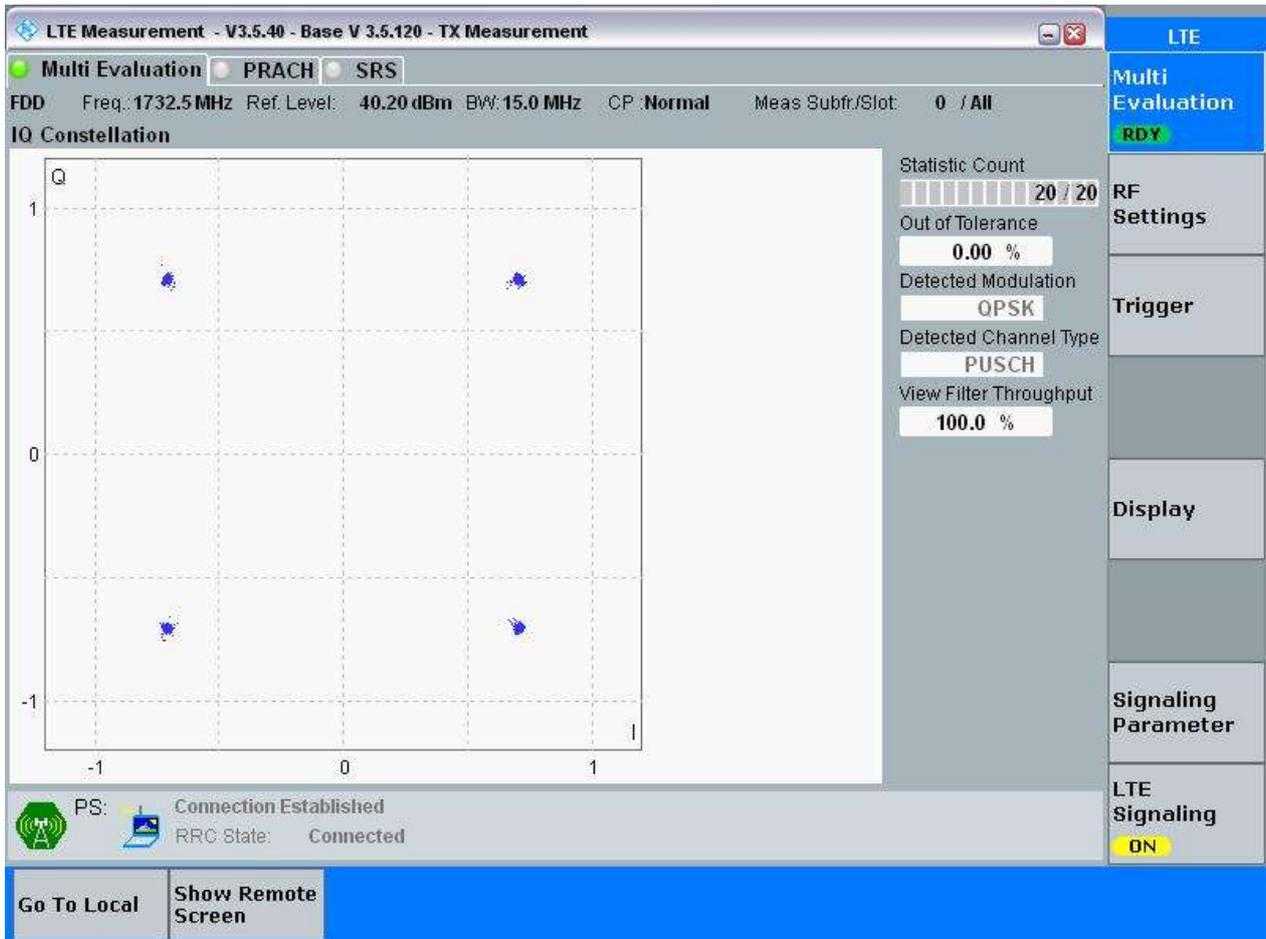
### 3.1.1.1.6 Test Bandwidth = 20

### 3.1.1.1.6.1 Test Channel = MCH

### 3.1.1.1.6.1.1 Test RB = RB100#0
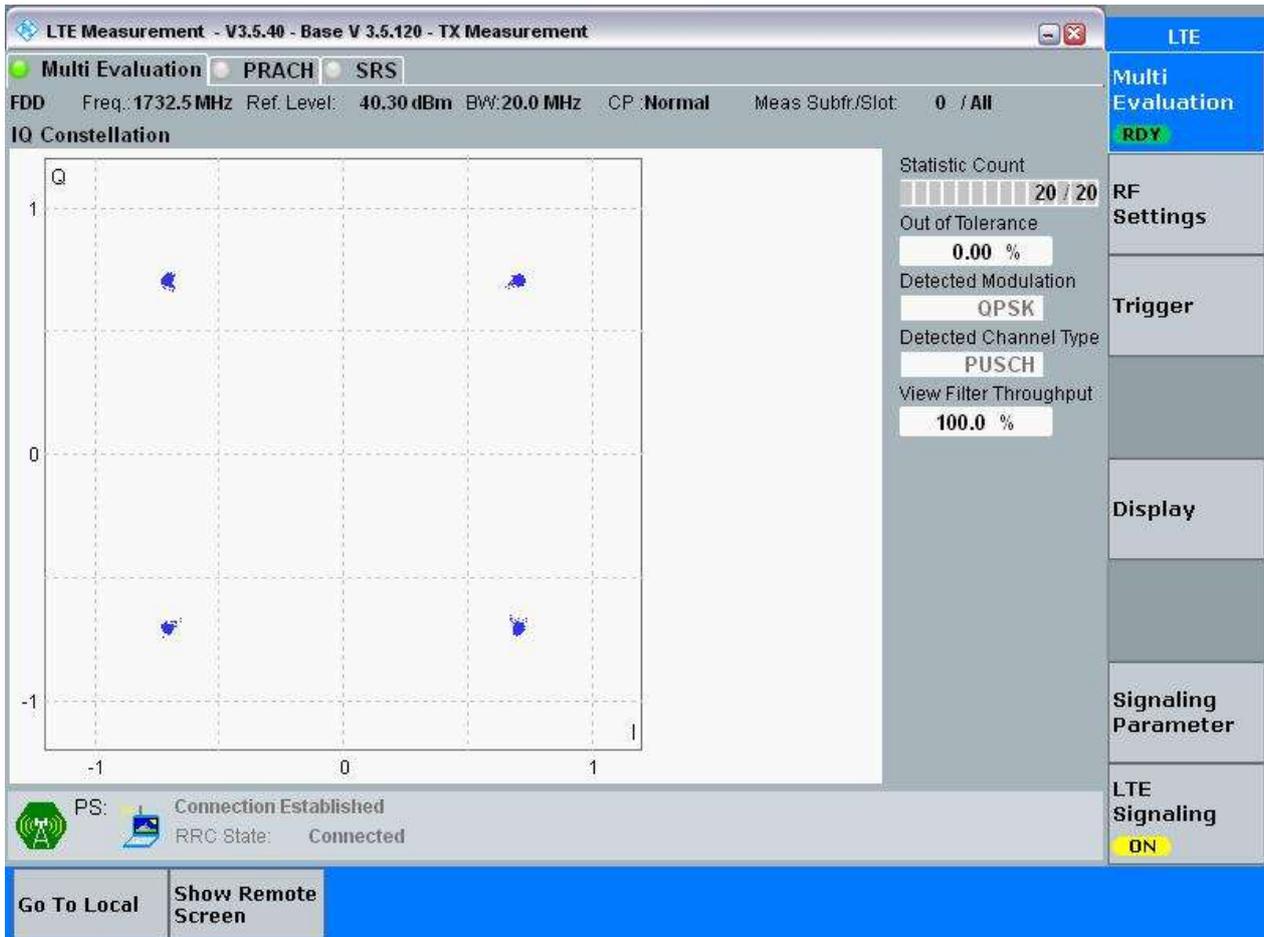
### 3.1.1.2 Test Mode = LTE/TM2

### 3.1.1.2.1 Test Bandwidth = 1.4

### 3.1.1.2.1.1 Test Channel = MCH

### 3.1.1.2.1.1.1 Test RB = RB6#0
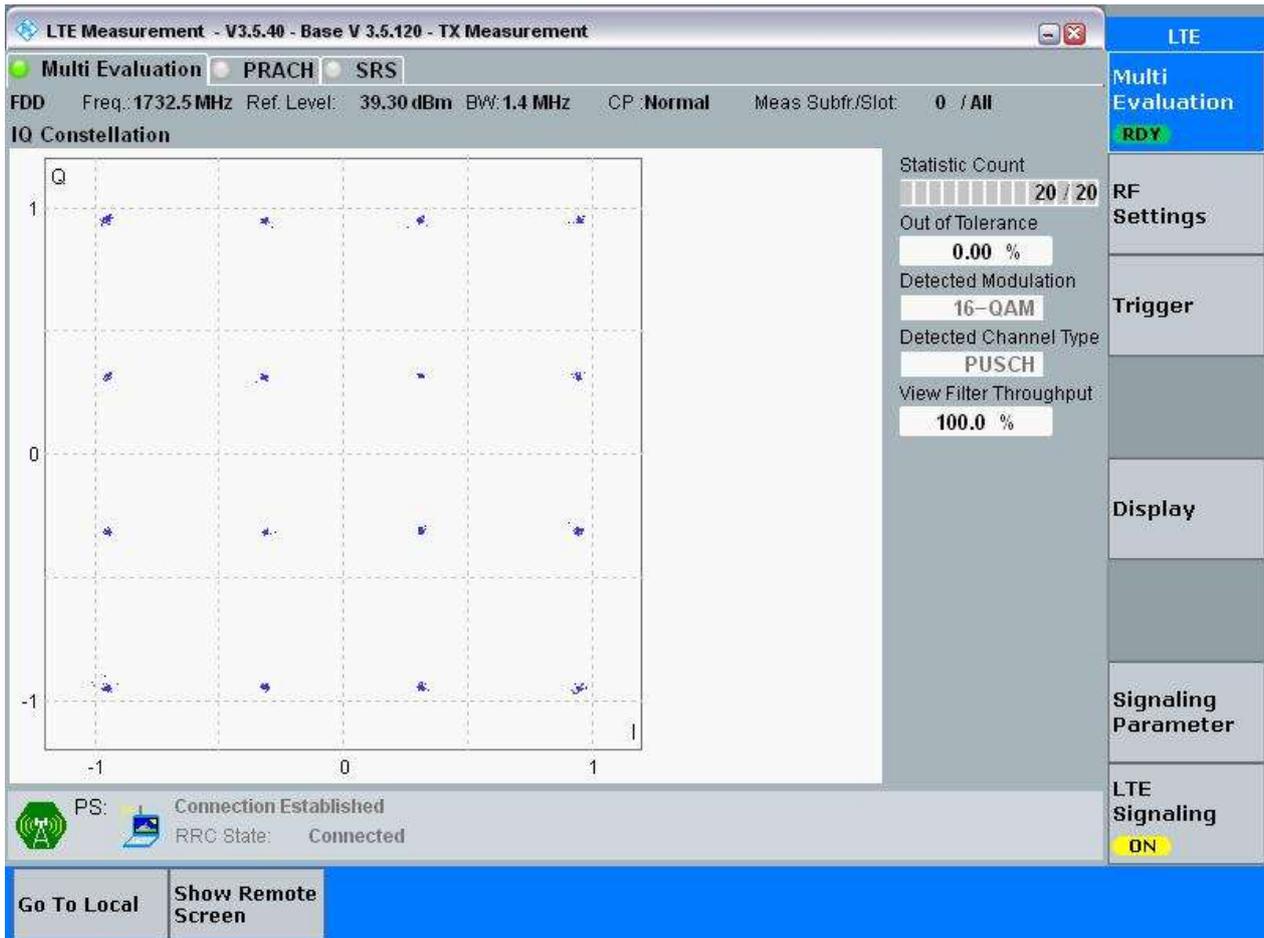
### 3.1.1.2.2 Test Bandwidth = 3

### 3.1.1.2.2.1 Test Channel = MCH

### 3.1.1.2.2.1.1 Test RB = RB15#0
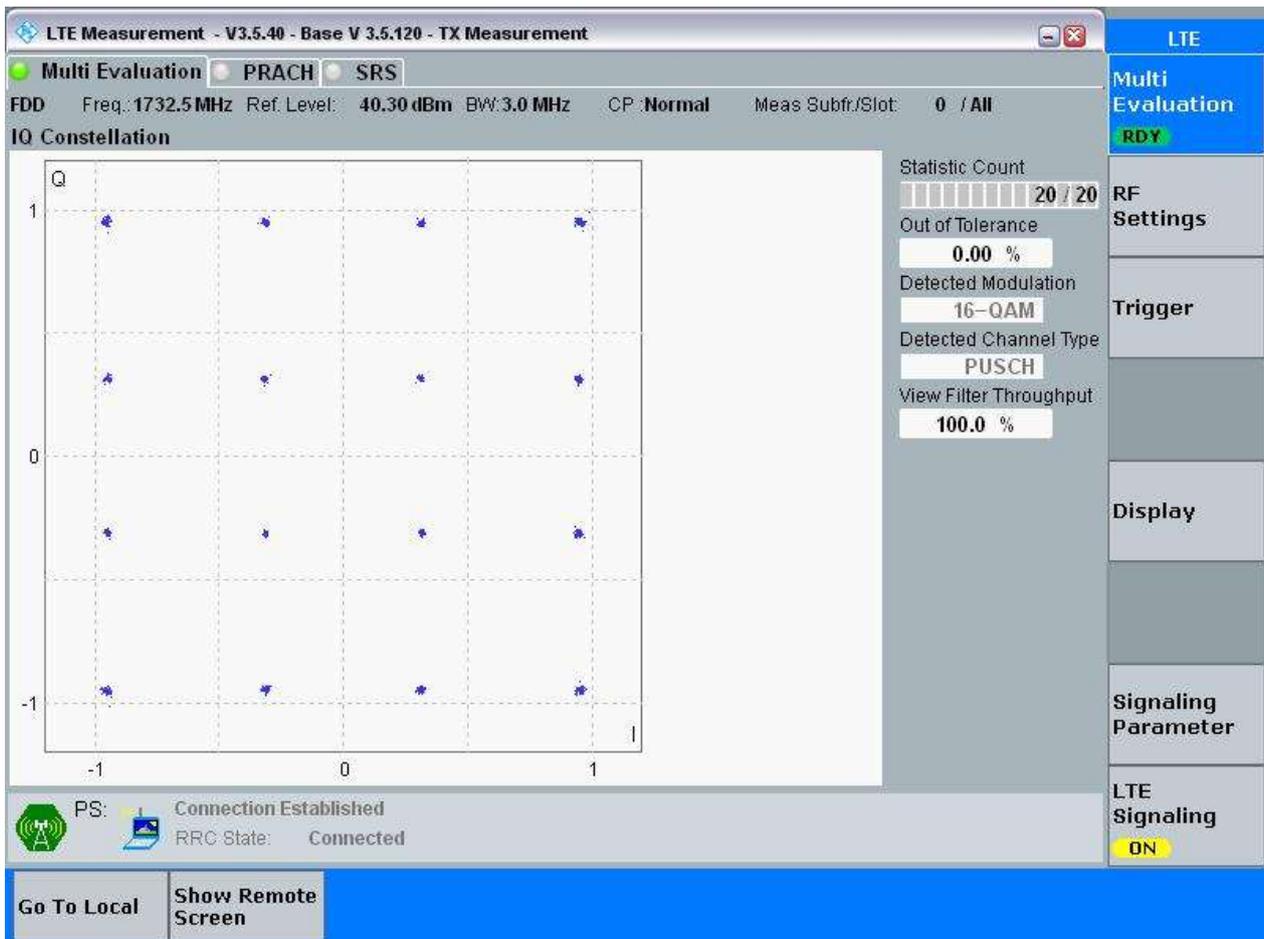
### 3.1.1.2.3 Test Bandwidth = 5

### 3.1.1.2.3.1 Test Channel = MCH

### 3.1.1.2.3.1.1 Test RB = RB25#0
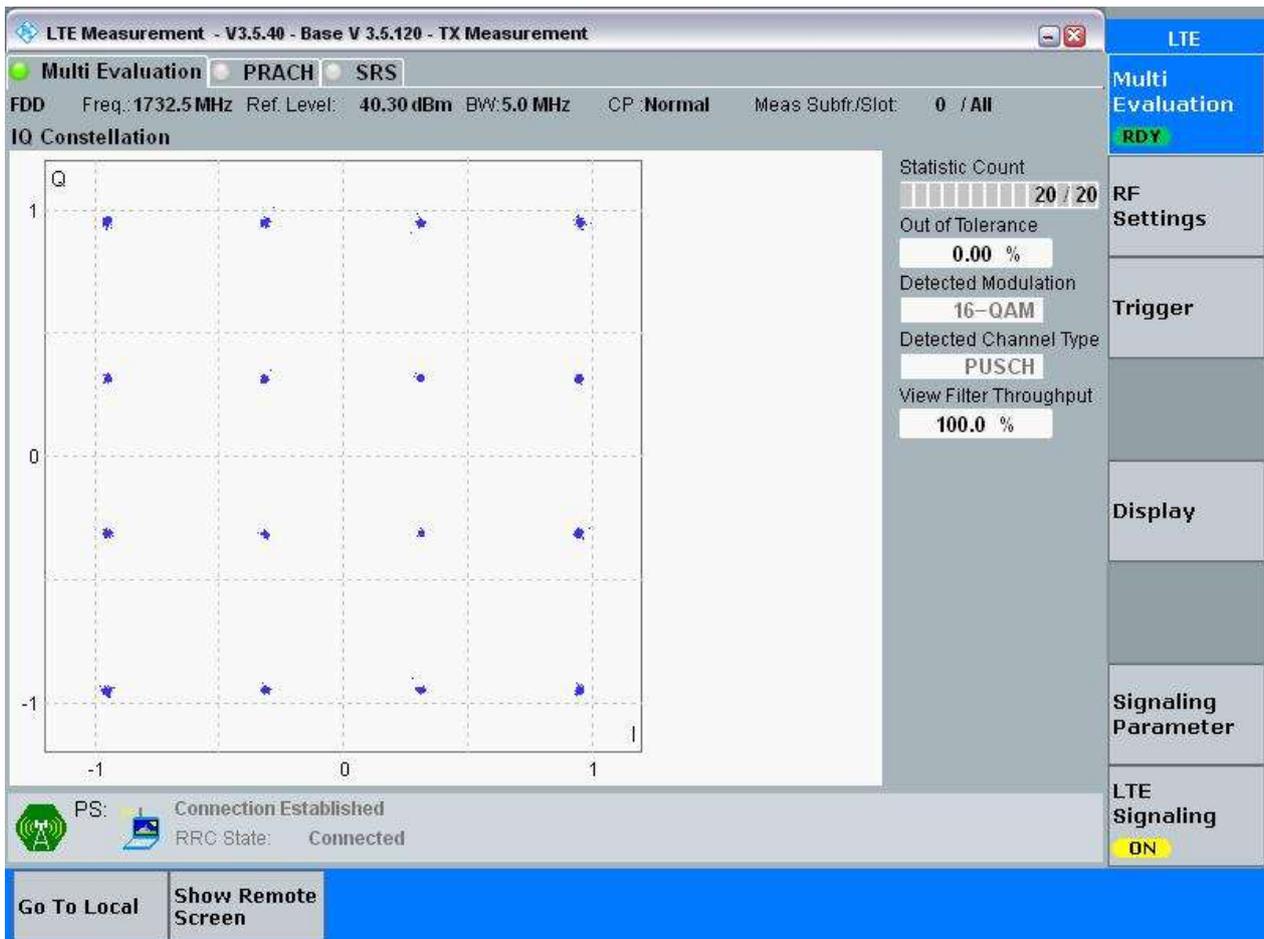
### 3.1.1.2.4 Test Bandwidth = 10

### 3.1.1.2.4.1 Test Channel = MCH

### 3.1.1.2.4.1.1 Test RB = RB50#0
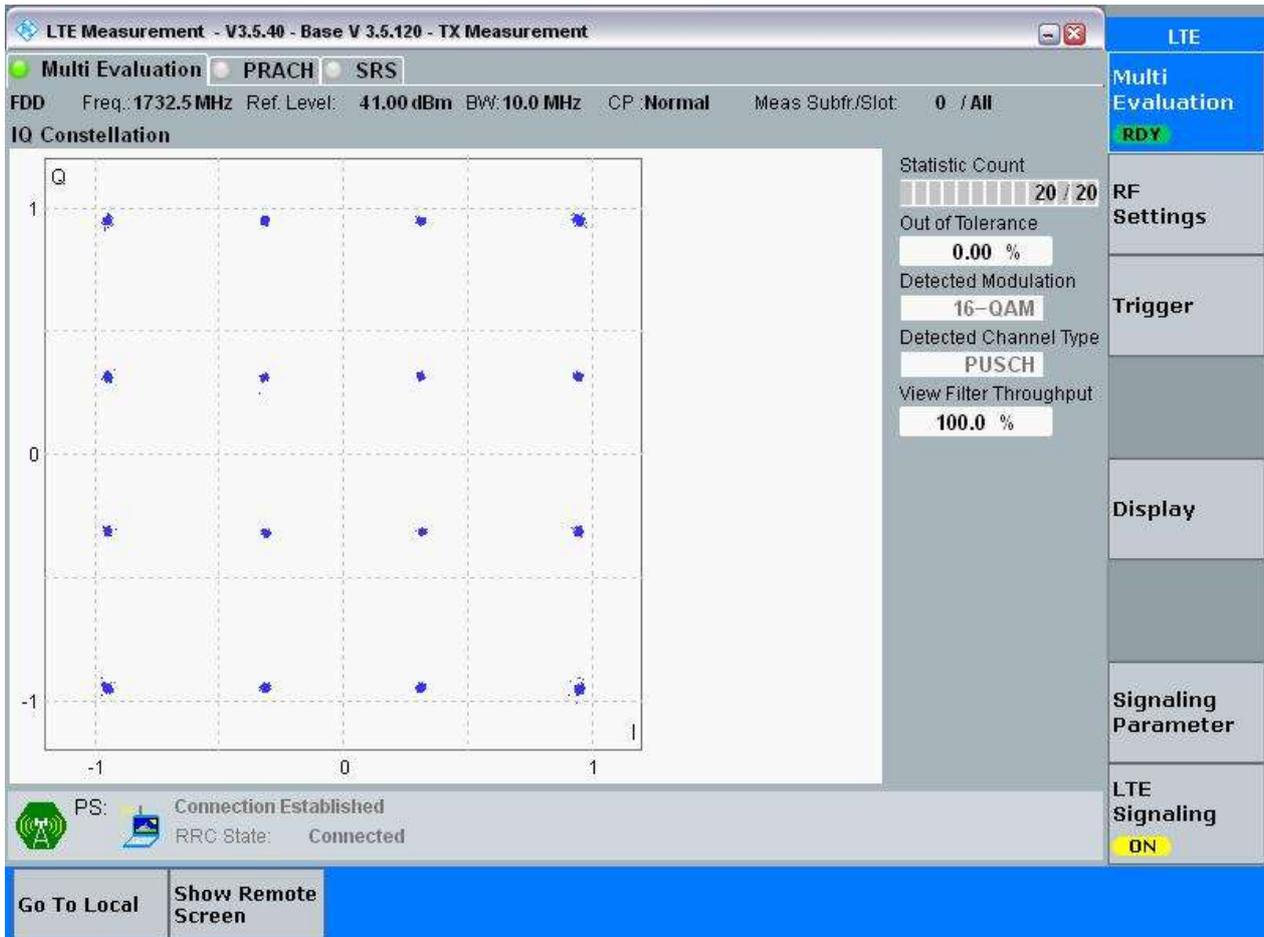
### 3.1.1.2.5 Test Bandwidth = 15

### 3.1.1.2.5.1 Test Channel = MCH

### 3.1.1.2.5.1.1 Test RB = RB75#0
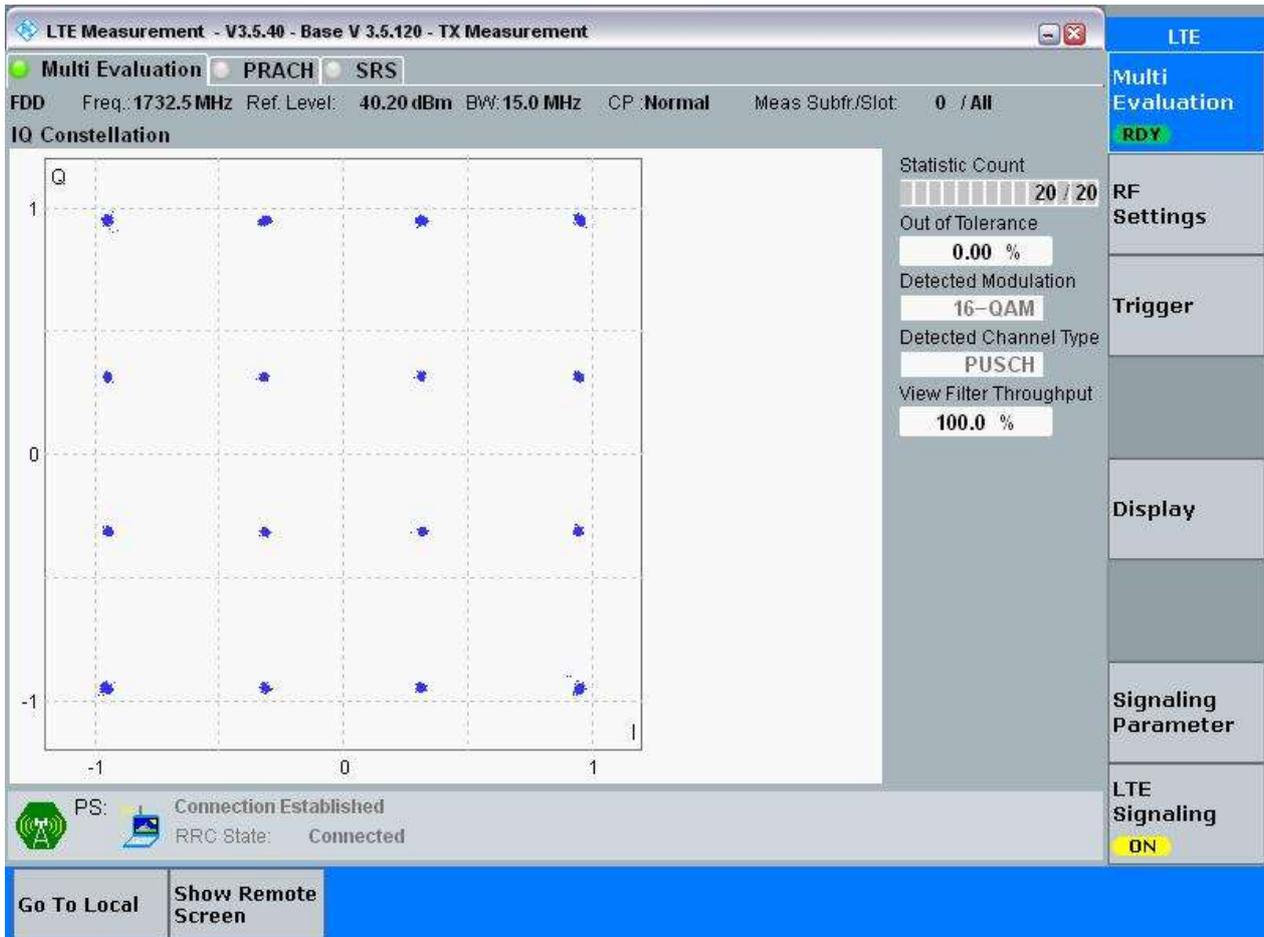
### 3.1.1.2.6 Test Bandwidth = 20

### 3.1.1.2.6.1 Test Channel = MCH

### 3.1.1.2.6.1.1 Test RB = RB100#0
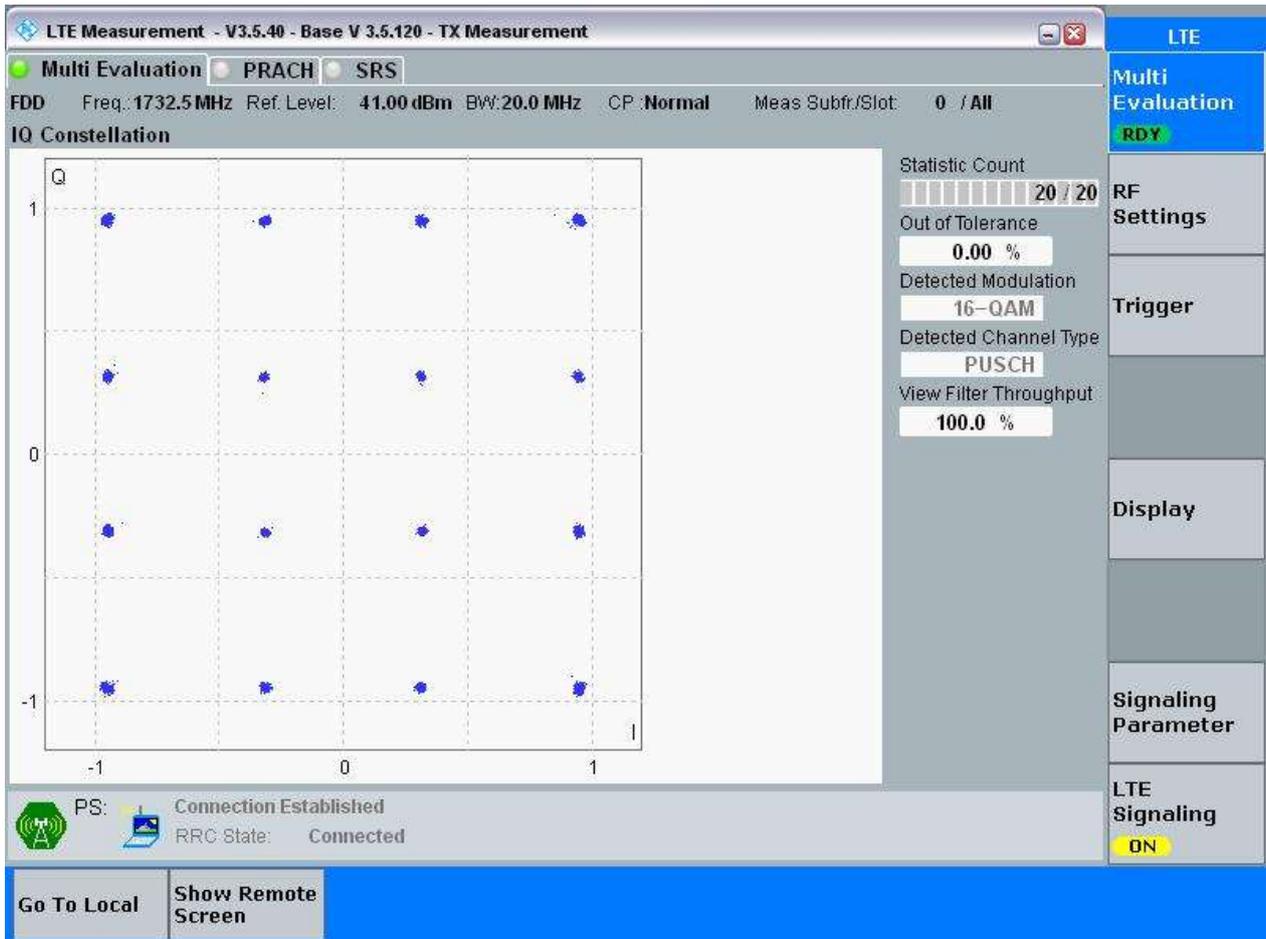
# 4Appendix_D: Bandwidth

**Part I - Test Results**

| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| BAND4 | LTE/TM1 | 1.4 | LCH | RB6#0 | 1.10 | 1.24 | Pass |
| | | | MCH | RB6#0 | 1.09 | 1.23 | Pass |
| | | | HCH | RB6#0 | 1.09 | 1.23 | Pass |
| | | 3 | LCH | RB15#0 | 2.71 | 2.98 | Pass |
| | | | MCH | RB15#0 | 2.71 | 2.97 | Pass |
| | | | HCH | RB15#0 | 2.70 | 2.98 | Pass |
| | | 5 | LCH | RB25#0 | 4.51 | 5.01 | Pass |
| | | | MCH | RB25#0 | 4.51 | 4.97 | Pass |
| | | | HCH | RB25#0 | 4.51 | 4.96 | Pass |
| | | 10 | LCH | RB50#0 | 8.97 | 9.90 | Pass |
| | | | MCH | RB50#0 | 9.00 | 9.90 | Pass |
| | | | HCH | RB50#0 | 9.00 | 9.91 | Pass |
| | | 15 | LCH | RB75#0 | 13.49 | 15.03 | Pass |
| | | | MCH | RB75#0 | 13.52 | 14.96 | Pass |
| | | | HCH | RB75#0 | 13.51 | 15.00 | Pass |
| | | 20 | LCH | RB100#0 | 17.97 | 19.82 | Pass |
| | | | MCH | RB100#0 | 18.01 | 19.78 | Pass |
| | | | HCH | RB100#0 | 18.00 | 19.76 | Pass |
| | LTE/TM2 | 1.4 | LCH | RB6#0 | 1.10 | 1.24 | Pass |
| | | | MCH | RB6#0 | 1.10 | 1.24 | Pass |
| | | | HCH | RB6#0 | 1.10 | 1.24 | Pass |
| | | 3 | LCH | RB15#0 | 2.71 | 2.98 | Pass |
| | | | MCH | RB15#0 | 2.71 | 2.98 | Pass |
| | | | HCH | RB15#0 | 2.71 | 2.99 | Pass |
| | | 5 | LCH | RB25#0 | 4.51 | 4.97 | Pass |
| | | | MCH | RB25#0 | 4.51 | 4.96 | Pass |
| | | | HCH | RB25#0 | 4.52 | 4.97 | Pass |
| | | 10 | LCH | RB50#0 | 8.98 | 9.93 | Pass |
| | | | MCH | RB50#0 | 9.00 | 9.88 | Pass |
| | | | HCH | RB50#0 | 9.01 | 9.95 | Pass |
| | | 15 | LCH | RB75#0 | 13.51 | 14.94 | Pass |
| | | | MCH | RB75#0 | 13.50 | 14.95 | Pass |
| | | | HCH | RB75#0 | 13.51 | 15.02 | Pass |

| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| | | 20 | LCH | RB100#0 | 17.96 | 19.81 | Pass |
| | | | MCH | RB100#0 | 18.01 | 19.79 | Pass |
| | | | HCH | RB100#0 | 17.97 | 19.79 | Pass |

**Part II - Test Plots**

**4.1 For LTE**

**4.1.1 Test Band = BAND4**

**4.1.1.1 Test Mode = LTE/TM1**

**4.1.1.1.1 Test Bandwidth = 1.4**
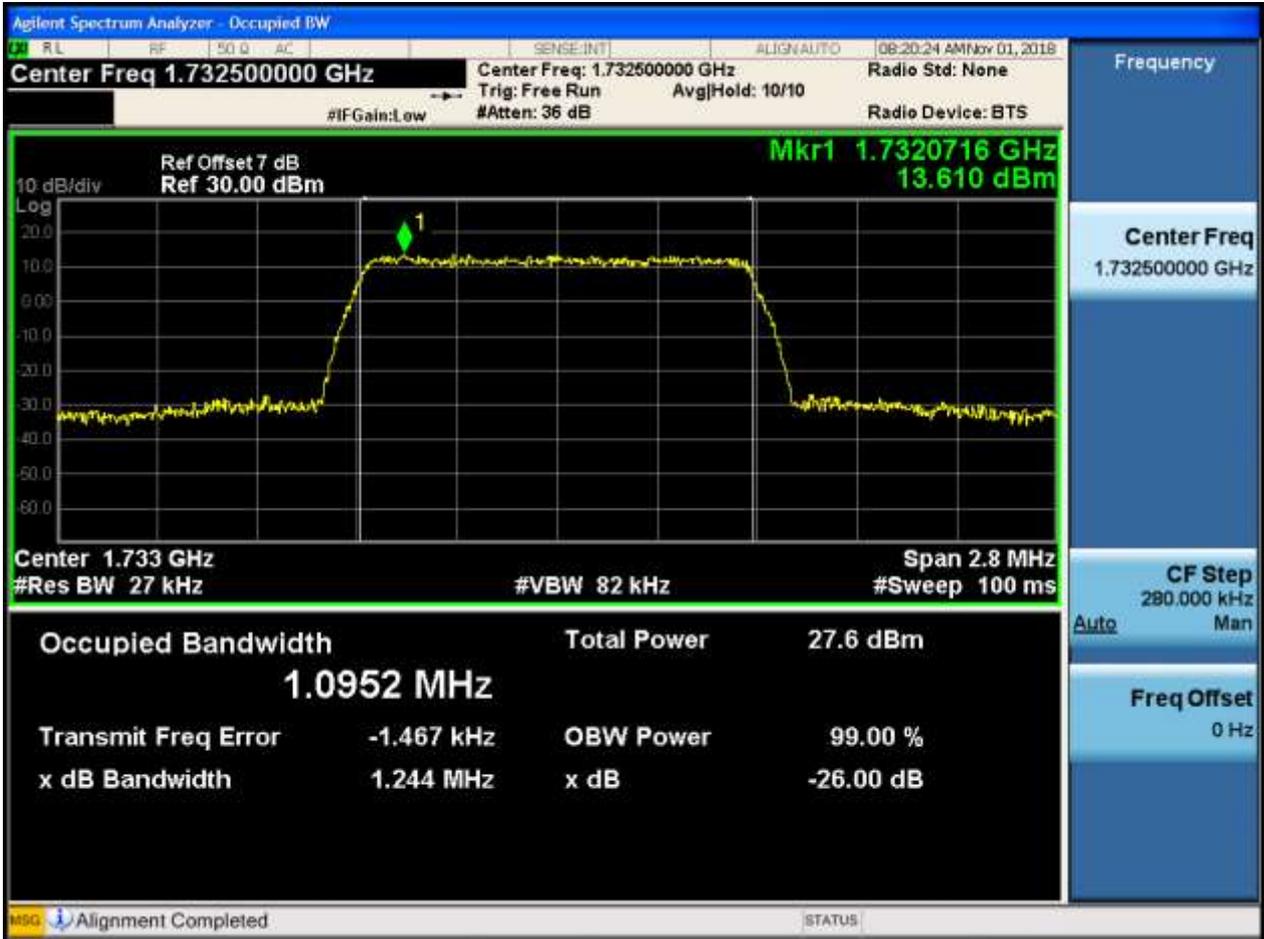
**4.1.1.1.1.1 Test Channel = LCH**

**4.1.1.1.1.1.1 Test RB = RB6#0**

**4.1.1.1.1.2 Test Channel = MCH**

**4.1.1.1.1.2.1 Test RB = RB6#0**

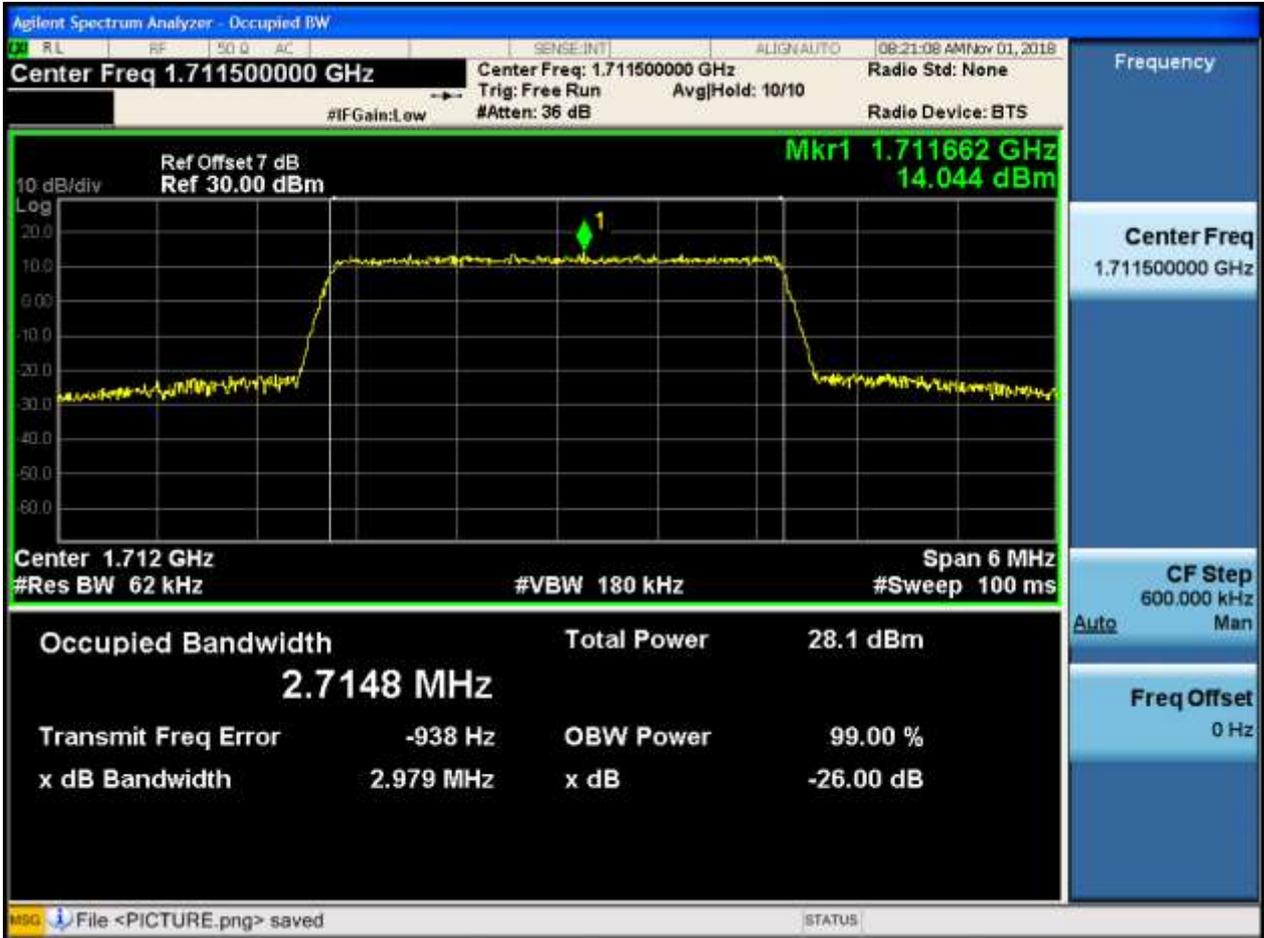**4.1.1.1.1.3 Test Channel = HCH**

**4.1.1.1.1.3.1 Test RB = RB6#0**
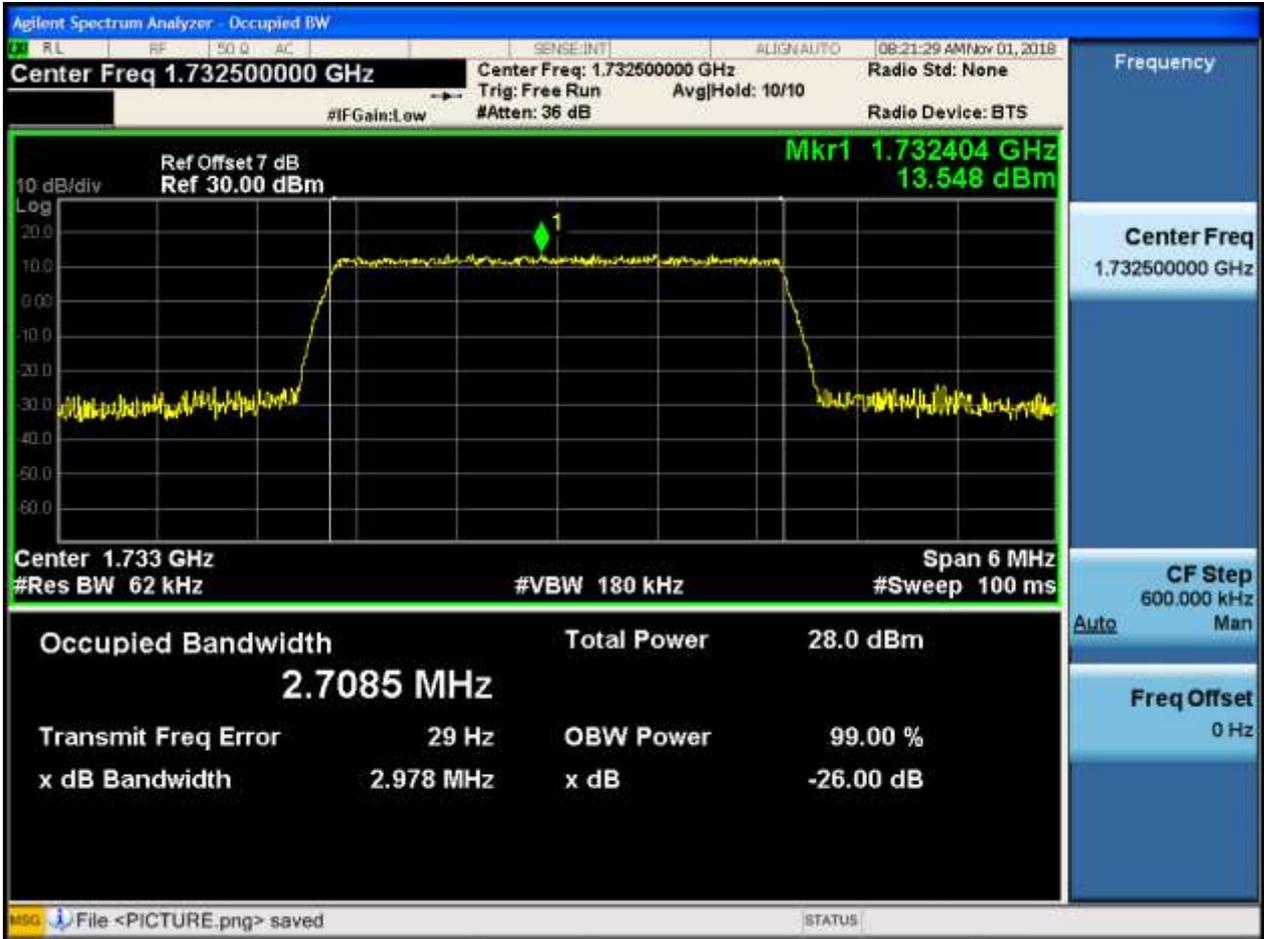
### 4.1.1.1.2 Test Bandwidth = 3

### 4.1.1.1.2.1 Test Channel = LCH

### 4.1.1.1.2.1.1 Test RB = RB15#0
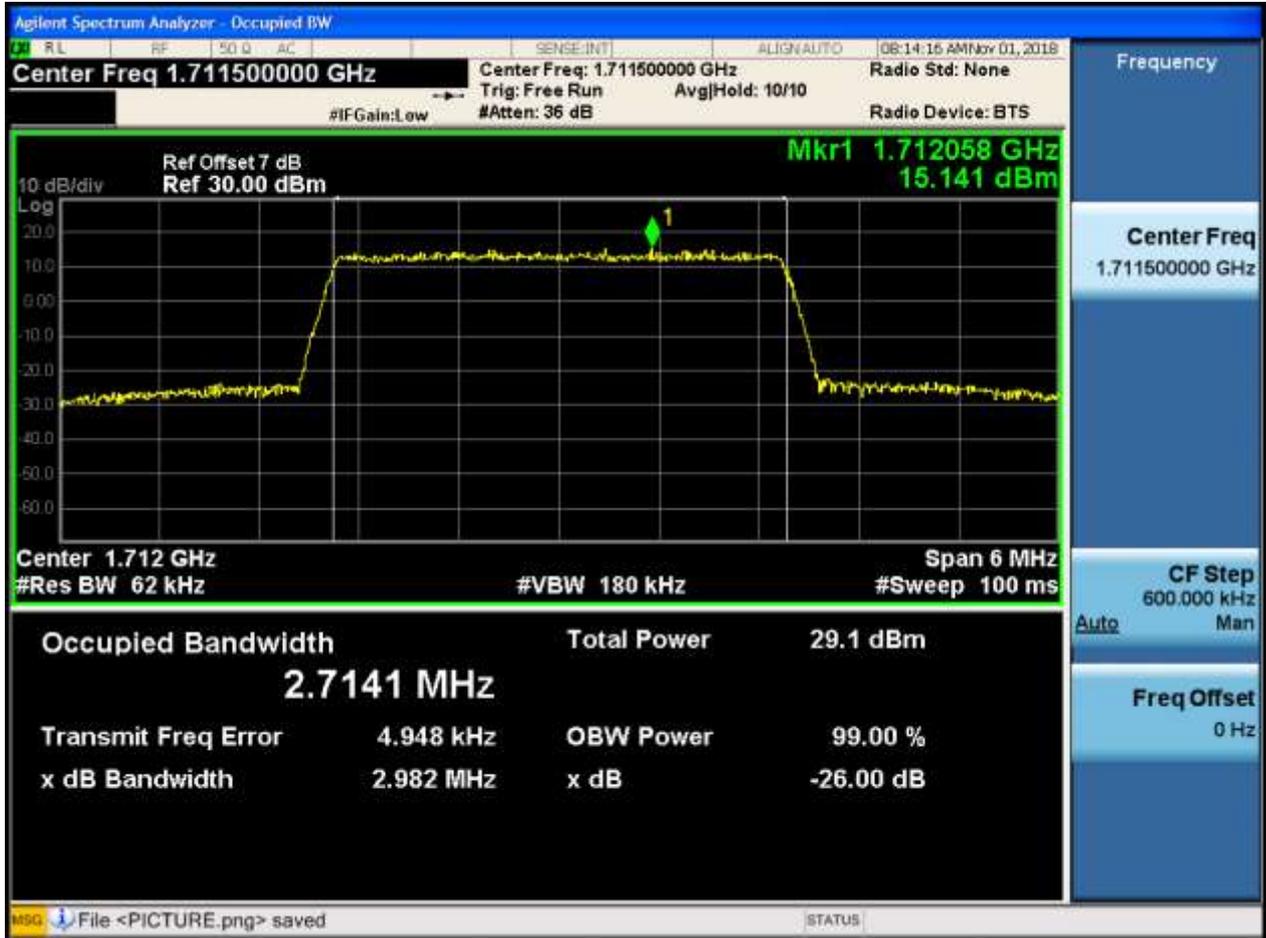
## 4.1.1.1.2.2 Test Channel = MCH

### 4.1.1.1.2.2.1 Test RB = RB15#0
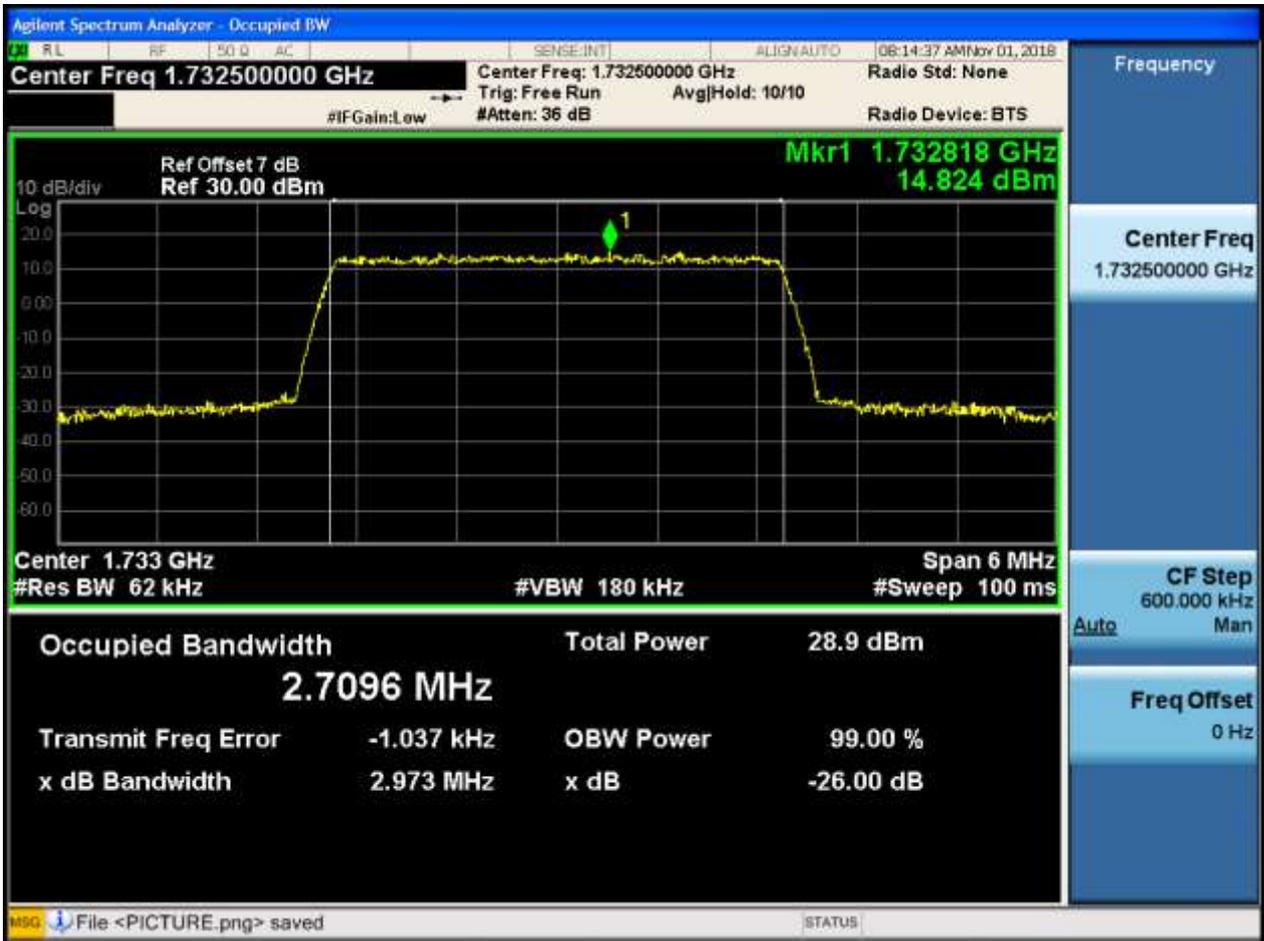
**4.1.1.1.2.3 Test Channel = HCH**

**4.1.1.1.2.3.1 Test RB = RB15#0**

### 4.1.1.1.3 Test Bandwidth = 5

### 4.1.1.1.3.1 Test Channel = LCH

### 4.1.1.1.3.1.1 Test RB = RB25#0

**4.1.1.1.3.2 Test Channel = MCH**

**4.1.1.1.3.2.1 Test RB = RB25#0**
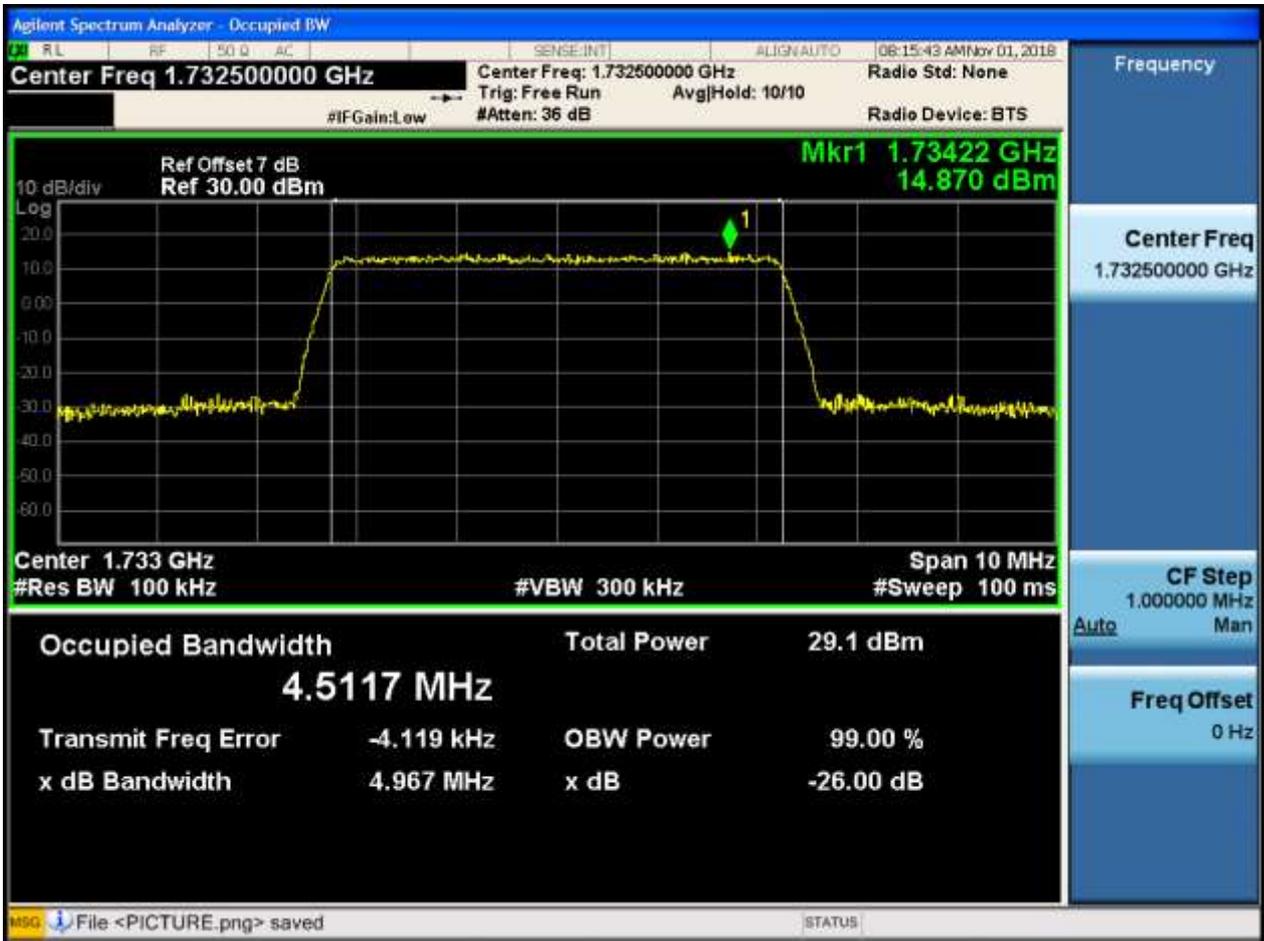
### 4.1.1.1.3.3 Test Channel = HCH

### 4.1.1.1.3.3.1 Test RB = RB25#0

### 4.1.1.1.4 Test Bandwidth = 10

### 4.1.1.1.4.1 Test Channel = LCH

### 4.1.1.1.4.1.1 Test RB = RB50#0
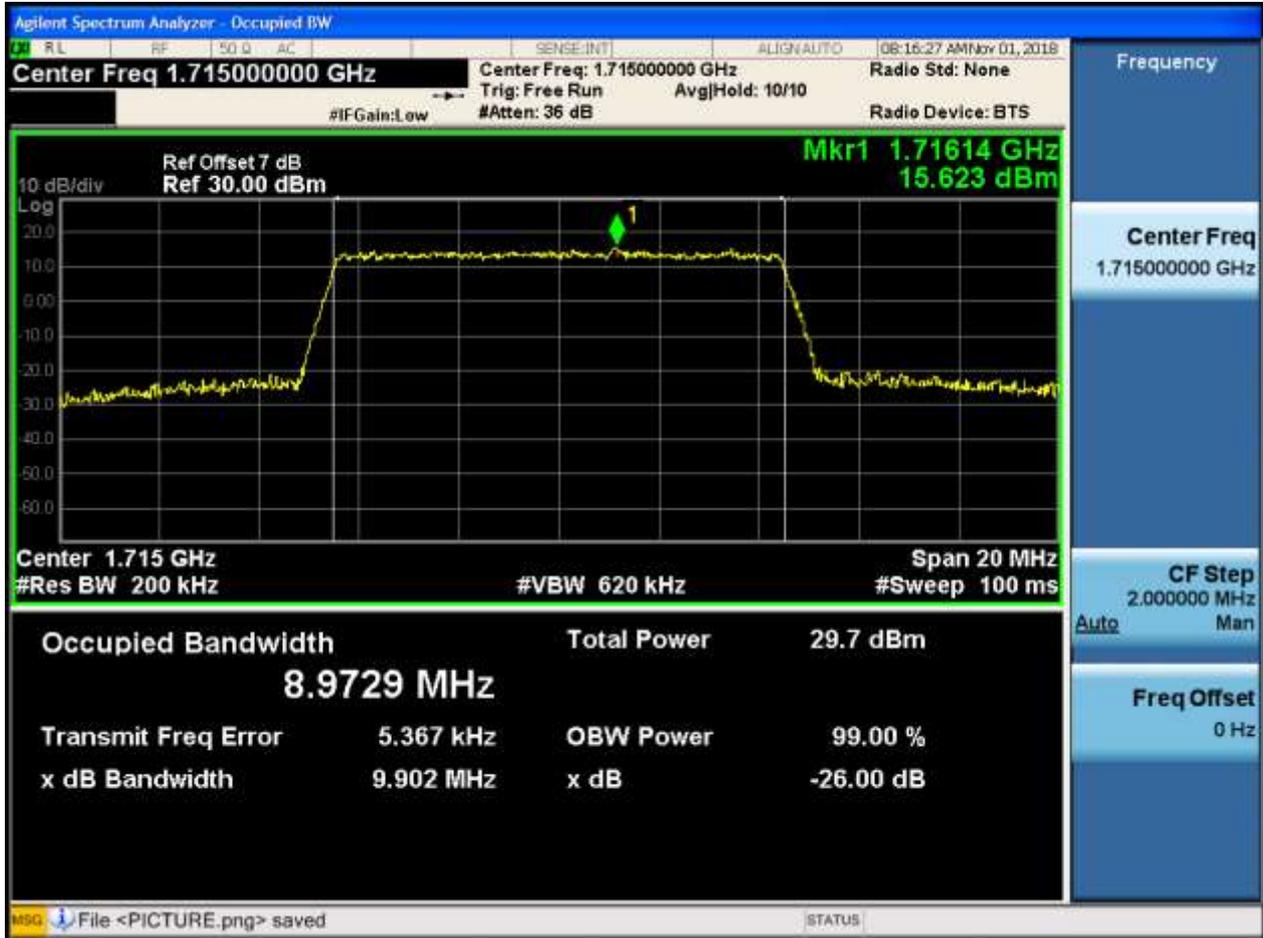
**4.1.1.1.4.2 Test Channel = MCH**

**4.1.1.1.4.2.1 Test RB = RB50#0**

## 4.1.1.1.4.3 Test Channel = HCH

### 4.1.1.1.4.3.1 Test RB = RB50#0

### 4.1.1.1.5 Test Bandwidth = 15

### 4.1.1.1.5.1 Test Channel = LCH

### 4.1.1.1.5.1.1 Test RB = RB75#0

## 4.1.1.1.5.2 Test Channel = MCH

## 4.1.1.1.5.2.1 Test RB = RB75#0

## 4.1.1.1.5.3 Test Channel = HCH

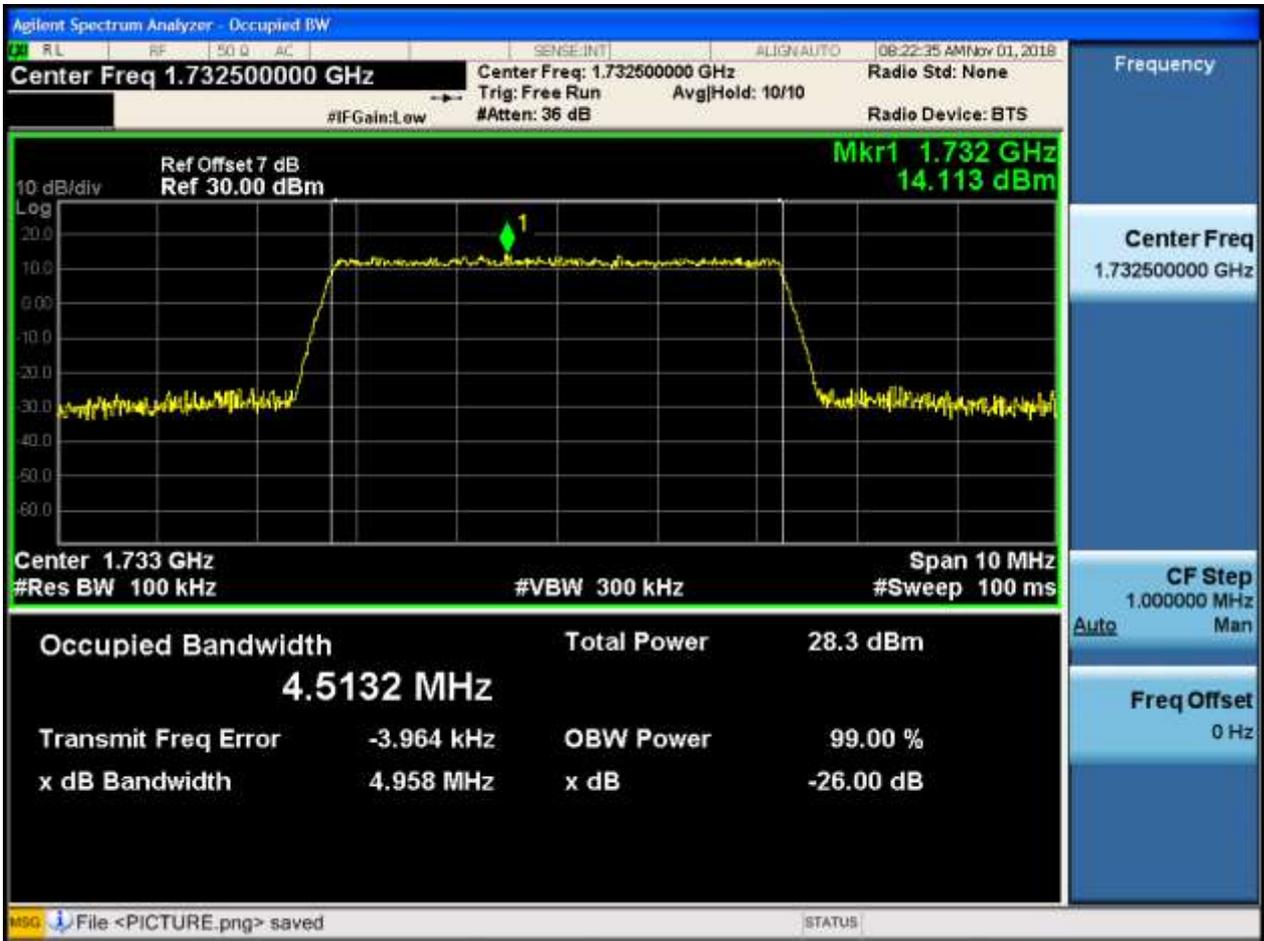## 4.1.1.1.5.3.1 Test RB = RB75#0
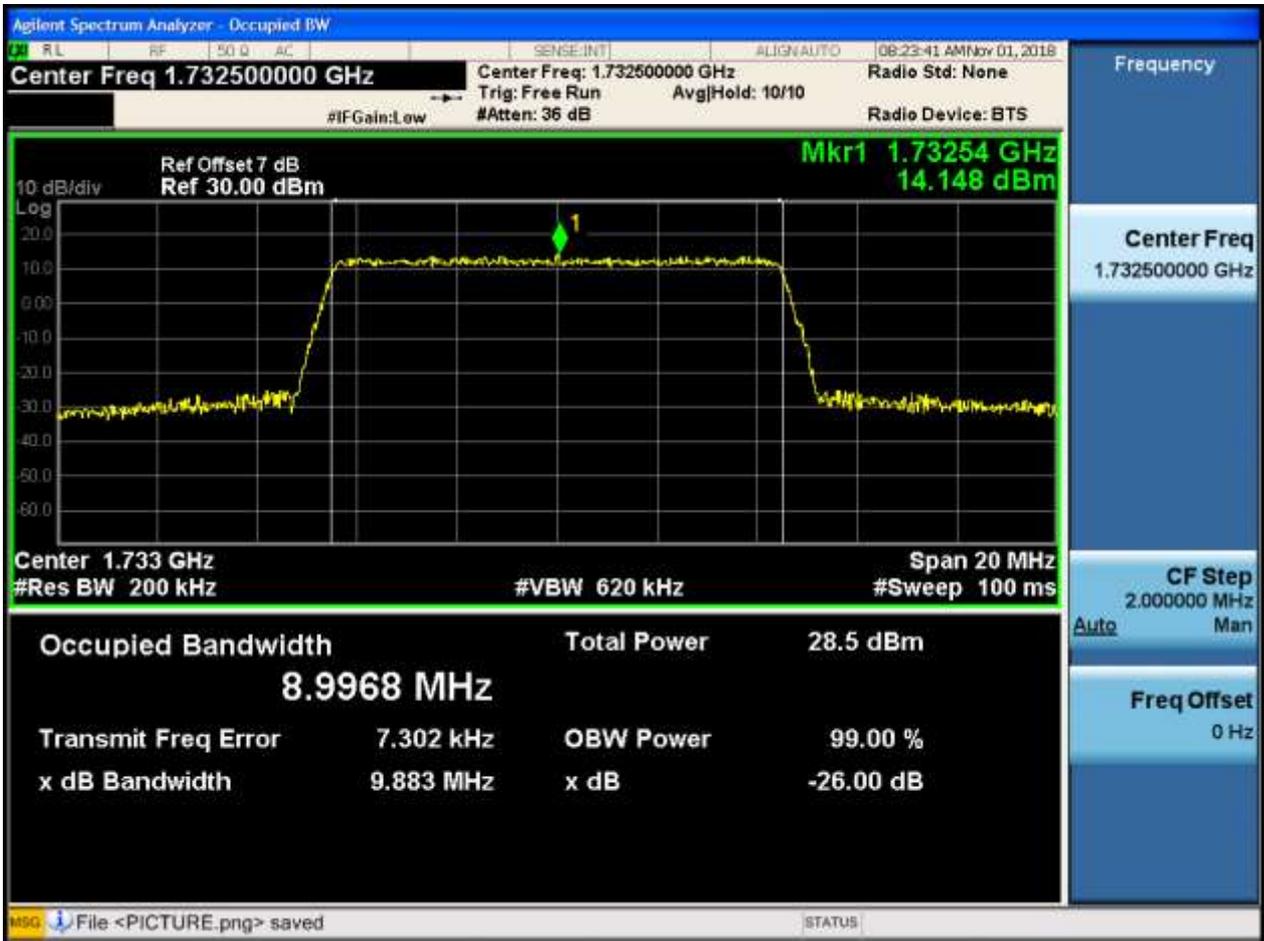
**4.1.1.1.6 Test Bandwidth = 20**

**4.1.1.1.6.1 Test Channel = LCH**

**4.1.1.1.6.1.1 Test RB = RB100#0**

## 4.1.1.1.6.2 Test Channel = MCH

### 4.1.1.1.6.2.1 Test RB = RB100#0

**4.1.1.1.6.3 Test Channel = HCH**

**4.1.1.1.6.3.1 Test RB = RB100#0**

### 4.1.1.2 Test Mode = LTE/TM2

### 4.1.1.2.1 Test Bandwidth = 1.4

### 4.1.1.2.1.1 Test Channel = LCH

### 4.1.1.2.1.1.1 Test RB = RB6#0

## 4.1.1.2.1.2 Test Channel = MCH

### 4.1.1.2.1.2.1 Test RB = RB6#0



Agilent Spectrum Analyzer - Occupied BW

LXI RL    RF    50 Ω    AC                          SENSE:INT          ALIGN AUTO    08:20:24 AM Nov 01, 2018

**Center Freq 1.732500000 GHz**

Center Freq: 1.732500000 GHz    Radio Std: None
Trig: Free Run    Avg|Hold: 10/10
#IFGain:Low    #Atten: 36 dB    Radio Device: BTS

Mkr1  1.7320716 GHz
13.610 dBm

Ref Offset 7 dB
10 dB/div    Ref 30.00 dBm

Center  1.733 GHz                                    Span 2.8 MHz
#Res BW  27 kHz    #VBW  82 kHz    #Sweep  100 ms

| Occupied Bandwidth | | Total Power | 27.6 dBm |
|---|---|---|---|
| | 1.0952 MHz | | |
| Transmit Freq Error | -1.467 kHz | OBW Power | 99.00 % |
| x dB Bandwidth | 1.244 MHz | x dB | -26.00 dB |

MSG  Alignment Completed                          STATUS

Frequency

Center Freq
1.732500000 GHz

CF Step
280.000 kHz
Auto    Man

Freq Offset
0 Hz

**4.1.1.2.1.3 Test Channel = HCH**

**4.1.1.2.1.3.1 Test RB = RB6#0**

**4.1.1.2.2 Test Bandwidth = 3**

**4.1.1.2.2.1 Test Channel = LCH**

**4.1.1.2.2.1.1 Test RB = RB15#0**

**4.1.1.2.2.2 Test Channel = MCH**

**4.1.1.2.2.2.1 Test RB = RB15#0**

**4.1.1.2.2.3 Test Channel = HCH**

**4.1.1.2.2.3.1 Test RB = RB15#0**

### 4.1.1.2.3 Test Bandwidth = 5

### 4.1.1.2.3.1 Test Channel = LCH

### 4.1.1.2.3.1.1 Test RB = RB25#0

### 4.1.1.2.3.2 Test Channel = MCH

### 4.1.1.2.3.2.1 Test RB = RB25#0

## 4.1.1.2.3.3 Test Channel = HCH

## 4.1.1.2.3.3.1 Test RB = RB25#0

**4.1.1.2.4 Test Bandwidth = 10**

**4.1.1.2.4.1 Test Channel = LCH**

**4.1.1.2.4.1.1 Test RB = RB50#0**

**4.1.1.2.4.2 Test Channel = MCH**

**4.1.1.2.4.2.1 Test RB = RB50#0**

### 4.1.1.2.4.3 Test Channel = HCH

### 4.1.1.2.4.3.1 Test RB = RB50#0

### 4.1.1.2.5 Test Bandwidth = 15

### 4.1.1.2.5.1 Test Channel = LCH

### 4.1.1.2.5.1.1 Test RB = RB75#0

## 4.1.1.2.5.2 Test Channel = MCH

## 4.1.1.2.5.2.1 Test RB = RB75#0

**4.1.1.2.5.3 Test Channel = HCH**

**4.1.1.2.5.3.1 Test RB = RB75#0**

**4.1.1.2.6 Test Bandwidth = 20**

**4.1.1.2.6.1 Test Channel = LCH**

**4.1.1.2.6.1.1 Test RB = RB100#0**

**4.1.1.2.6.2 Test Channel = MCH**

**4.1.1.2.6.2.1 Test RB = RB100#0**

RF Test Report of 801HW

### 4.1.1.2.6.3 Test Channel = HCH

### 4.1.1.2.6.3.1 Test RB = RB100#0

Report No:
SYBH(Z-RF)20180926023001-2001-C
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# 5Appendix_E: Band Edges Compliance

**Part I - Test Plots**

**5.1 For LTE**

**5.1.1 Test Band = BAND4**

**5.1.1.1 Test Mode = LTE/TM1**

**5.1.1.1.1 Test Bandwidth = 1.4**

**5.1.1.1.1.1 Test Channel = LCH**

**5.1.1.1.1.1.1 Test RB = RB1#0**

## 5.1.1.1.1.1.2 Test RB = RB1#5

### 5.1.1.1.1.1.3 Test RB = RB3#2

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### 5.1.1.1.1.1.4 Test RB = RB6#0

**5.1.1.1.1.2 Test Channel = HCH**

**5.1.1.1.1.2.1 Test RB = RB1#0**

## 5.1.1.1.1.2.2 Test RB = RB1#5
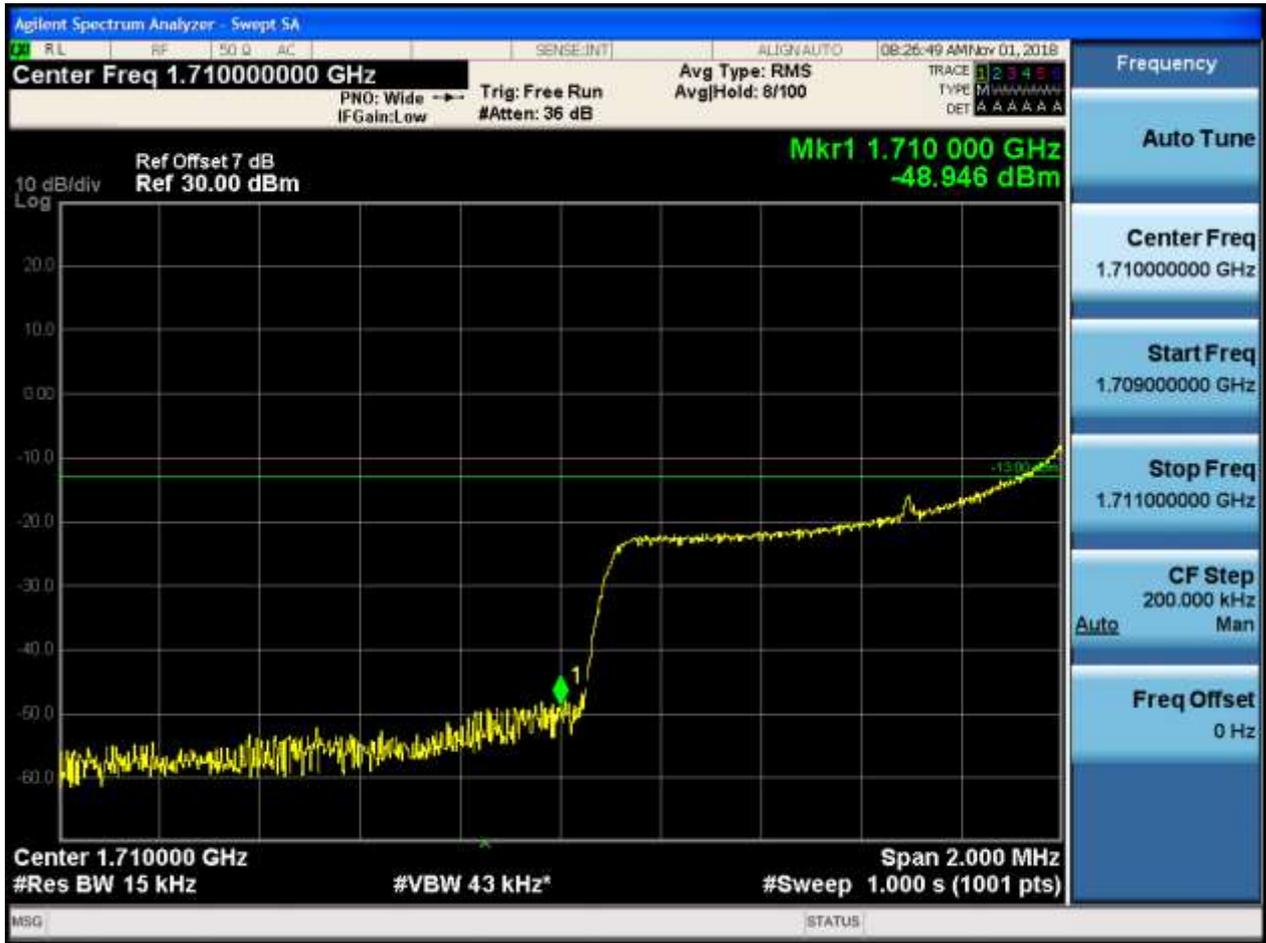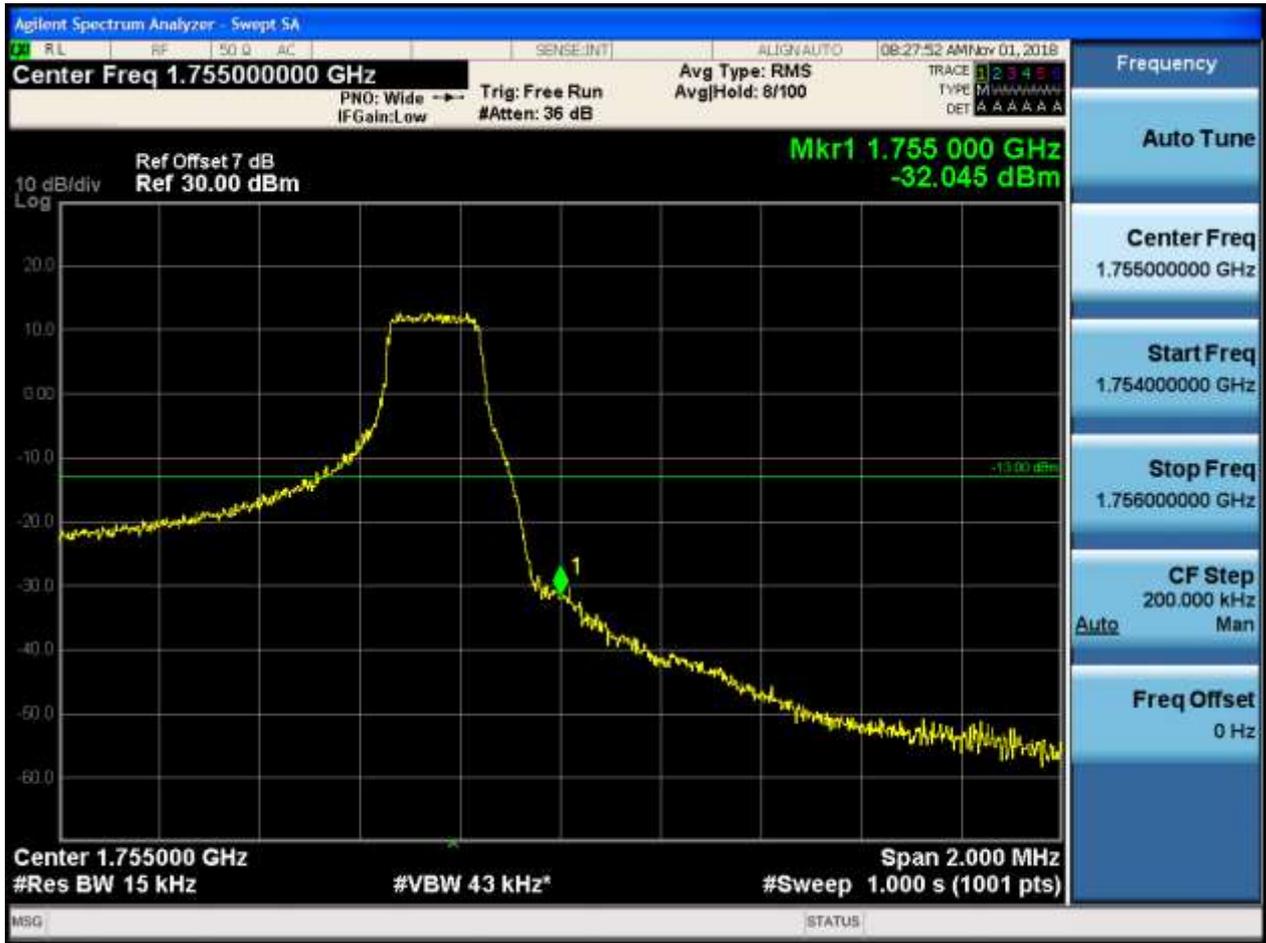
## 5.1.1.1.1.2.3 Test RB = RB3#2

## 5.1.1.1.1.2.4 Test RB = RB6#0

### 5.1.1.1.2 Test Bandwidth = 3

### 5.1.1.1.2.1 Test Channel = LCH

### 5.1.1.1.2.1.1 Test RB = RB1#0

## 5.1.1.1.2.1.2 Test RB = RB1#14

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## 5.1.1.1.2.1.3 Test RB = RB8#4

## 5.1.1.1.2.1.4 Test RB = RB15#0

### 5.1.1.1.2.2 Test Channel = HCH

### 5.1.1.1.2.2.1 Test RB = RB1#0
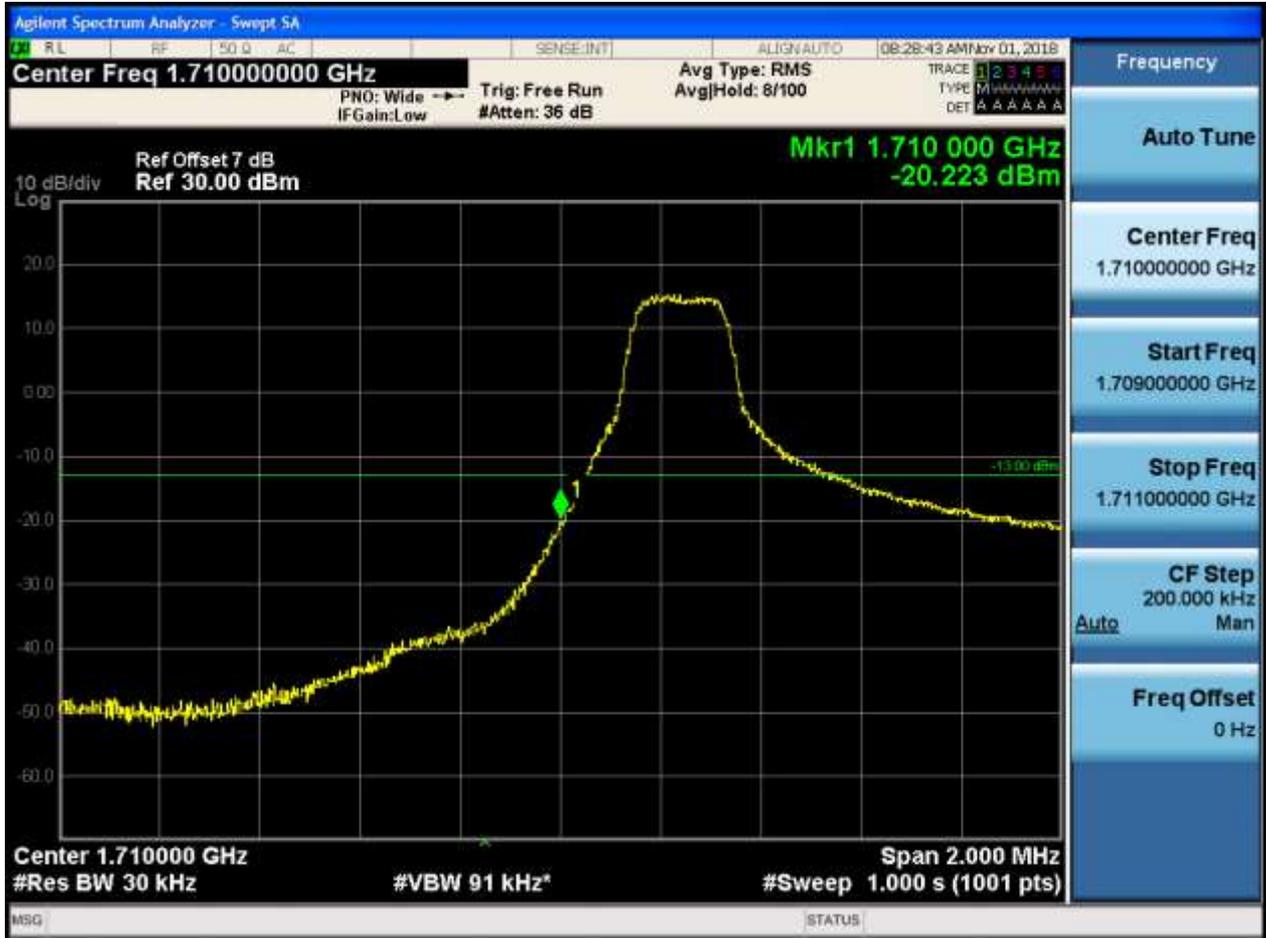
## 5.1.1.1.2.2.2 Test RB = RB1#14

## 5.1.1.1.2.2.3 Test RB = RB8#4

## 5.1.1.1.2.2.4 Test RB = RB15#0
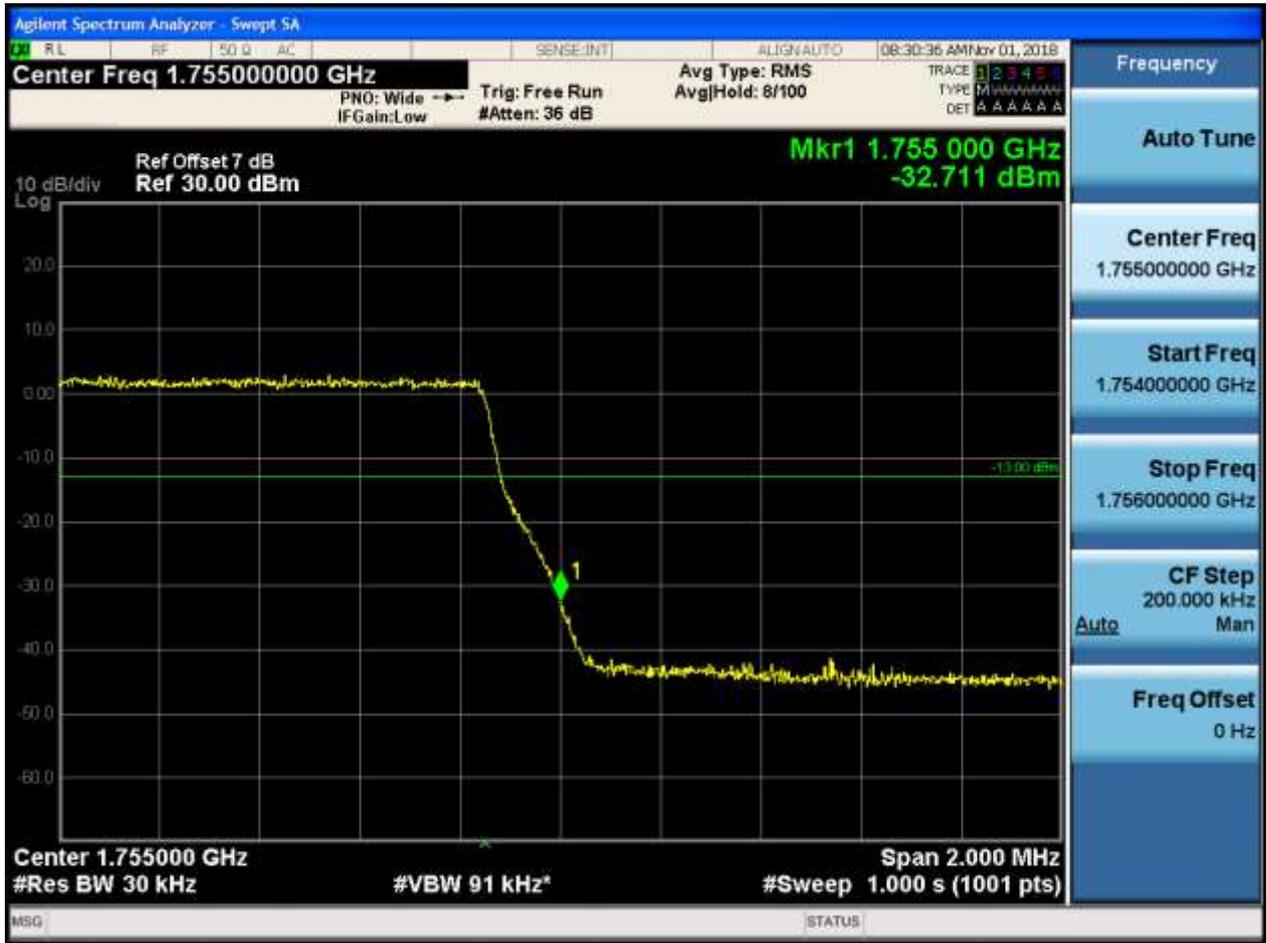
### 5.1.1.1.3 Test Bandwidth = 5

### 5.1.1.1.3.1 Test Channel = LCH

### 5.1.1.1.3.1.1 Test RB = RB1#0

## 5.1.1.1.3.1.2 Test RB = RB1#24

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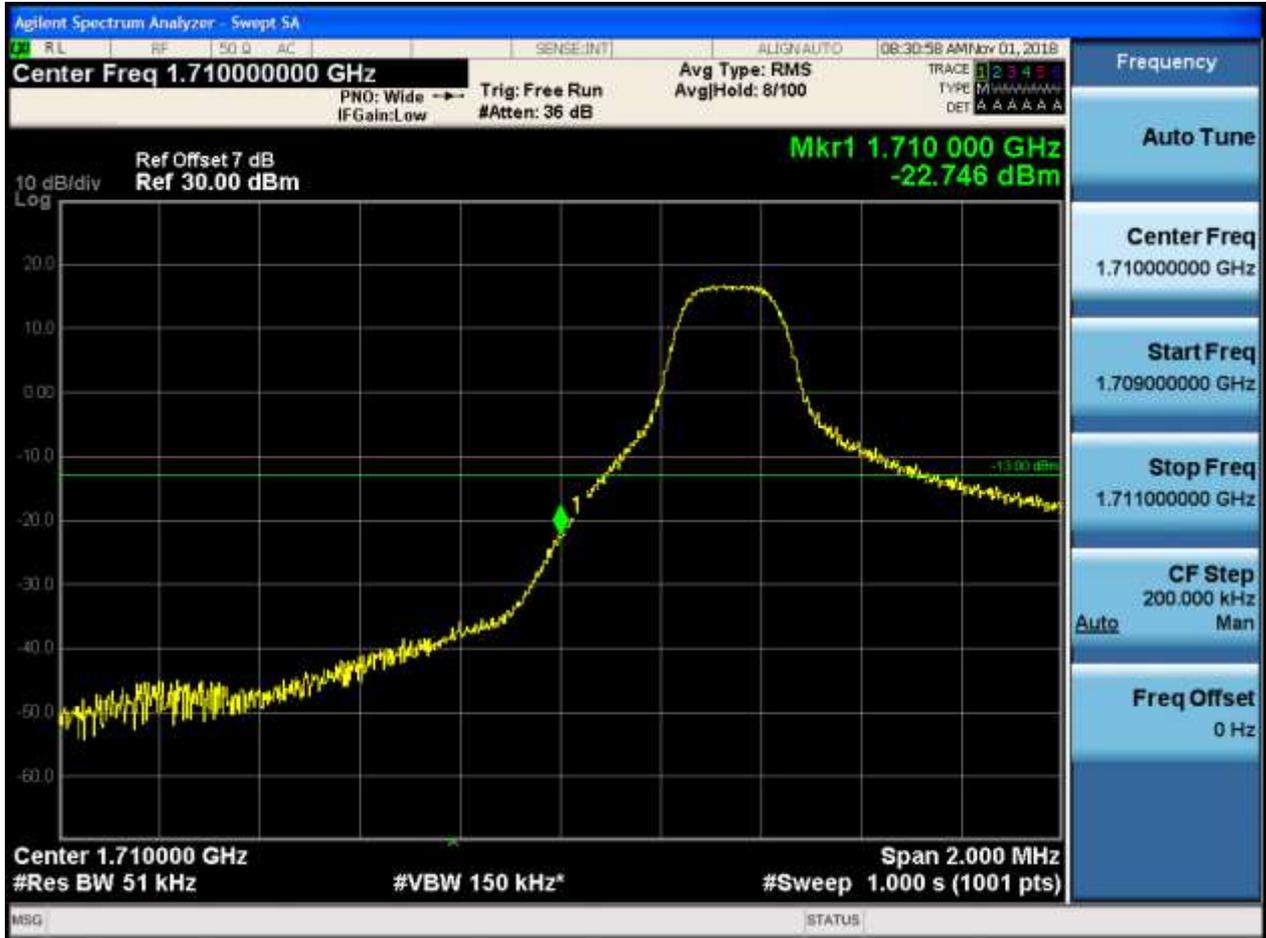
## 5.1.1.1.3.1.3 Test RB = RB12#6

## 5.1.1.1.3.1.4 Test RB = RB25#0

### 5.1.1.1.3.2 Test Channel = HCH

### 5.1.1.1.3.2.1 Test RB = RB1#0

## 5.1.1.1.3.2.2 Test RB = RB1#24

## 5.1.1.1.3.2.3 Test RB = RB12#6

## 5.1.1.1.3.2.4 Test RB = RB25#0

### 5.1.1.1.4 Test Bandwidth = 10

### 5.1.1.1.4.1 Test Channel = LCH

### 5.1.1.1.4.1.1 Test RB = RB1#0

## 5.1.1.1.4.1.2 Test RB = RB1#49

## 5.1.1.1.4.1.3 Test RB = RB25#13
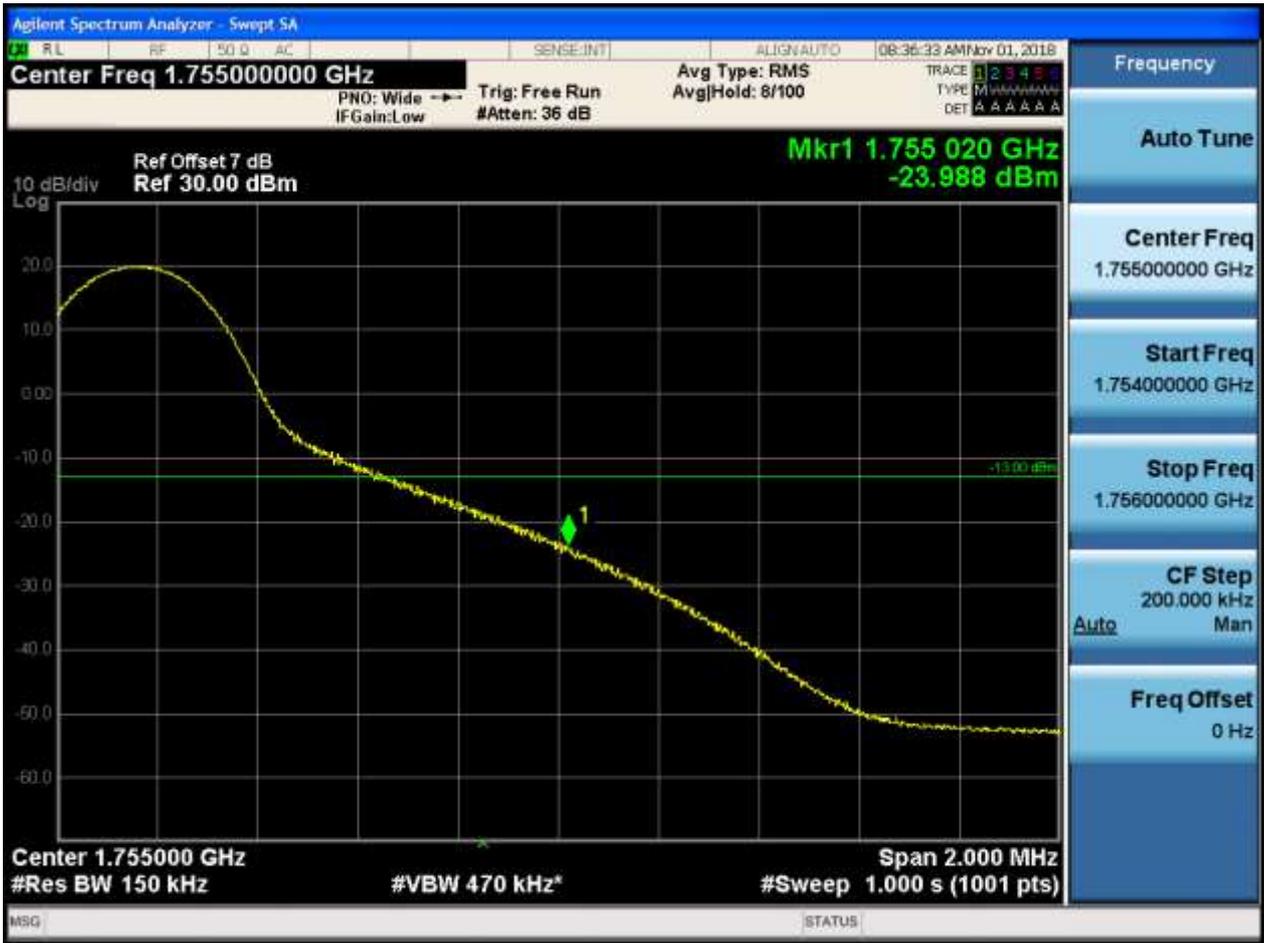
## 5.1.1.1.4.1.4 Test RB = RB50#0

## 5.1.1.1.4.2 Test Channel = HCH

### 5.1.1.1.4.2.1 Test RB = RB1#0

## 5.1.1.1.4.2.2 Test RB = RB1#49

## 5.1.1.1.4.2.3 Test RB = RB25#13

## 5.1.1.1.4.2.4 Test RB = RB50#0

### 5.1.1.1.5 Test Bandwidth = 15

### 5.1.1.1.5.1 Test Channel = LCH

### 5.1.1.1.5.1.1 Test RB = RB1#0

## 5.1.1.1.5.1.2 Test RB = RB1#74

## 5.1.1.1.5.1.3 Test RB = RB38#19

## 5.1.1.1.5.1.4 Test RB = RB75#0

## 5.1.1.1.5.2 Test Channel = HCH

### 5.1.1.1.5.2.1 Test RB = RB1#0

## 5.1.1.1.5.2.2 Test RB = RB1#74

## 5.1.1.1.5.2.3 Test RB = RB38#19

## 5.1.1.1.5.2.4 Test RB = RB75#0

### 5.1.1.1.6 Test Bandwidth = 20

### 5.1.1.1.6.1 Test Channel = LCH
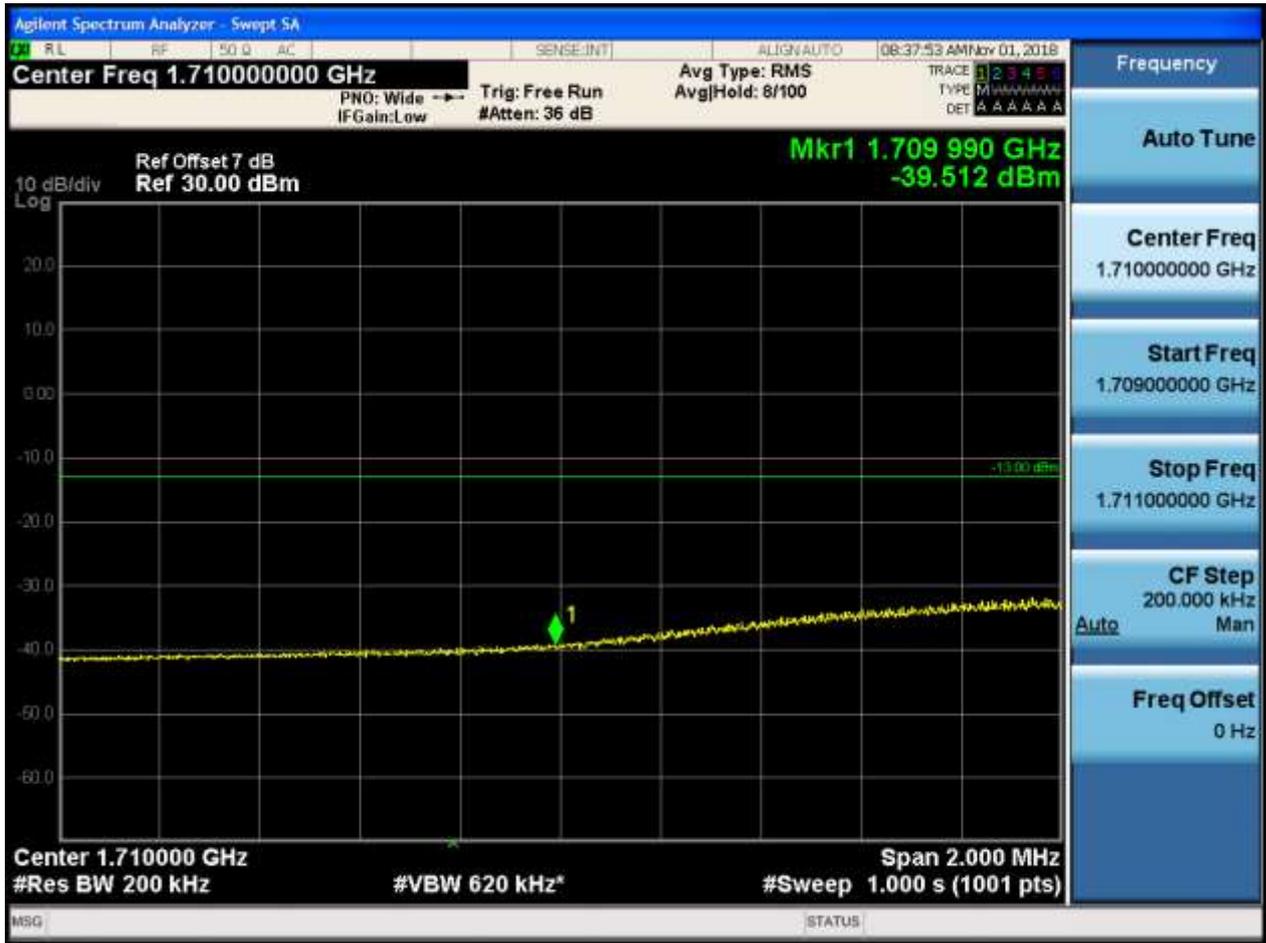
### 5.1.1.1.6.1.1 Test RB = RB1#0

## 5.1.1.1.6.1.2 Test RB = RB1#99

## 5.1.1.1.6.1.3 Test RB = RB50#25

## 5.1.1.1.6.1.4 Test RB = RB100#0