# 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 | 22.92 | 21.42 | 30 | PASS |
| | | | | RB1#3 | 22.94 | 21.44 | 30 | PASS |
| | | | | RB1#5 | 22.87 | 21.37 | 30 | PASS |
| | | | | RB3#0 | 22.91 | 21.41 | 30 | PASS |
| | | | | RB3#2 | 22.95 | 21.45 | 30 | PASS |
| | | | | RB3#3 | 22.92 | 21.42 | 30 | PASS |
| | | | | RB6#0 | 22.06 | 20.56 | 30 | PASS |
| | | | MCH | RB1#0 | 22.9 | 21.4 | 30 | PASS |
| | | | | RB1#3 | 22.87 | 21.37 | 30 | PASS |
| | | | | RB1#5 | 22.92 | 21.42 | 30 | PASS |
| | | | | RB3#0 | 23 | 21.5 | 30 | PASS |
| | | | | RB3#2 | 23.06 | 21.56 | 30 | PASS |
| | | | | RB3#3 | 22.98 | 21.48 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB6#0 | 22.12 | 20.62 | 30 | PASS |
| | | | HCH | RB1#0 | 23.04 | 21.54 | 30 | PASS |
| | | | | RB1#3 | 23.2 | 21.7 | 30 | PASS |
| | | | | RB1#5 | 23.16 | 21.66 | 30 | PASS |
| | | | | RB3#0 | 23.13 | 21.63 | 30 | PASS |
| | | | | RB3#2 | 23.27 | 21.77 | 30 | PASS |
| | | | | RB3#3 | 23.24 | 21.74 | 30 | PASS |
| | | | | RB6#0 | 22.11 | 20.61 | 30 | PASS |
| | | 3 | LCH | RB1#0 | 23 | 21.5 | 30 | PASS |
| | | | | RB1#7 | 23.05 | 21.55 | 30 | PASS |
| | | | | RB1#14 | 23.29 | 21.79 | 30 | PASS |
| | | | | RB8#0 | 22.13 | 20.63 | 30 | PASS |
| | | | | RB8#4 | 22.07 | 20.57 | 30 | PASS |
| | | | | RB8#7 | 22.02 | 20.52 | 30 | PASS |
| | | | | RB15#0 | 22.03 | 20.53 | 30 | PASS |
| | | | MCH | RB1#0 | 22.87 | 21.37 | 30 | PASS |
| | | | | RB1#7 | 22.99 | 21.49 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB1#14 | 23.06 | 21.56 | 30 | PASS |
| | | | | RB8#0 | 22.11 | 20.61 | 30 | PASS |
| | | | | RB8#4 | 22.07 | 20.57 | 30 | PASS |
| | | | | RB8#7 | 22.05 | 20.55 | 30 | PASS |
| | | | | RB15#0 | 22.15 | 20.65 | 30 | PASS |
| | | | HCH | RB1#0 | 23.13 | 21.63 | 30 | PASS |
| | | | | RB1#7 | 22.91 | 21.41 | 30 | PASS |
| | | | | RB1#14 | 22.86 | 21.36 | 30 | PASS |
| | | | | RB8#0 | 22.11 | 20.61 | 30 | PASS |
| | | | | RB8#4 | 22.06 | 20.56 | 30 | PASS |
| | | | | RB8#7 | 22.03 | 20.53 | 30 | PASS |
| | | | | RB15#0 | 22.12 | 20.62 | 30 | PASS |
| | | 5 | LCH | RB1#0 | 22.93 | 21.43 | 30 | PASS |
| | | | | RB1#13 | 23.05 | 21.55 | 30 | PASS |
| | | | | RB1#24 | 22.86 | 21.36 | 30 | PASS |
| | | | | RB12#0 | 22.01 | 20.51 | 30 | PASS |
| | | | | RB12#6 | 22.05 | 20.55 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB12#13 | 22.04 | 20.54 | 30 | PASS |
| | | | | RB25#0 | 22.01 | 20.51 | 30 | PASS |
| | | | MCH | RB1#0 | 22.78 | 21.28 | 30 | PASS |
| | | | | RB1#13 | 22.9 | 21.4 | 30 | PASS |
| | | | | RB1#24 | 23.02 | 21.52 | 30 | PASS |
| | | | | RB12#0 | 22.09 | 20.59 | 30 | PASS |
| | | | | RB12#6 | 22.17 | 20.67 | 30 | PASS |
| | | | | RB12#13 | 22 | 20.5 | 30 | PASS |
| | | | | RB25#0 | 22.03 | 20.53 | 30 | PASS |
| | | | HCH | RB1#0 | 23.08 | 21.58 | 30 | PASS |
| | | | | RB1#13 | 23.2 | 21.7 | 30 | PASS |
| | | | | RB1#24 | 23.15 | 21.65 | 30 | PASS |
| | | | | RB12#0 | 22.2 | 20.7 | 30 | PASS |
| | | | | RB12#6 | 22.23 | 20.73 | 30 | PASS |
| | | | | RB12#13 | 22.2 | 20.7 | 30 | PASS |
| | | | | RB25#0 | 22.28 | 20.78 | 30 | PASS |
| | | 10 | LCH | RB1#0 | 23.14 | 21.64 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB1#25 | 23.38 | 21.88 | 30 | PASS |
| | | | | RB1#49 | 23.1 | 21.6 | 30 | PASS |
| | | | | RB25#0 | 22.11 | 20.61 | 30 | PASS |
| | | | | RB25#13 | 22.14 | 20.64 | 30 | PASS |
| | | | | RB25#25 | 22.01 | 20.51 | 30 | PASS |
| | | | | RB50#0 | 22.01 | 20.51 | 30 | PASS |
| | | | MCH | RB1#0 | 23.03 | 21.53 | 30 | PASS |
| | | | | RB1#25 | 23.22 | 21.72 | 30 | PASS |
| | | | | RB1#49 | 23.26 | 21.76 | 30 | PASS |
| | | | | RB25#0 | 22.02 | 20.52 | 30 | PASS |
| | | | | RB25#13 | 22.1 | 20.6 | 30 | PASS |
| | | | | RB25#25 | 21.92 | 20.42 | 30 | PASS |
| | | | | RB50#0 | 22.02 | 20.52 | 30 | PASS |
| | | | HCH | RB1#0 | 22.97 | 21.47 | 30 | PASS |
| | | | | RB1#25 | 23.36 | 21.86 | 30 | PASS |
| | | | | RB1#49 | 23.2 | 21.7 | 30 | PASS |
| | | | | RB25#0 | 22.27 | 20.77 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB25#13 | 22.28 | 20.78 | 30 | PASS |
| | | | | RB25#25 | 22.09 | 20.59 | 30 | PASS |
| | | | | RB50#0 | 22.08 | 20.58 | 30 | PASS |
| | | 15 | LCH | RB1#0 | 23.32 | 21.82 | 30 | PASS |
| | | | | RB1#38 | 23.21 | 21.71 | 30 | PASS |
| | | | | RB1#74 | 23.39 | 21.89 | 30 | PASS |
| | | | | RB38#0 | 22.04 | 20.54 | 30 | PASS |
| | | | | RB38#19 | 22.1 | 20.6 | 30 | PASS |
| | | | | RB38#39 | 22.03 | 20.53 | 30 | PASS |
| | | | | RB75#0 | 22.01 | 20.51 | 30 | PASS |
| | | | MCH | RB1#0 | 23.31 | 21.81 | 30 | PASS |
| | | | | RB1#38 | 23.27 | 21.77 | 30 | PASS |
| | | | | RB1#74 | 23.28 | 21.78 | 30 | PASS |
| | | | | RB38#0 | 22.06 | 20.56 | 30 | PASS |
| | | | | RB38#19 | 22.08 | 20.58 | 30 | PASS |
| | | | | RB38#39 | 22.05 | 20.55 | 30 | PASS |
| | | | | RB75#0 | 22.03 | 20.53 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | HCH | RB1#0 | 23.13 | 21.63 | 30 | PASS |
| | | | | RB1#38 | 23.14 | 21.64 | 30 | PASS |
| | | | | RB1#74 | 23.19 | 21.69 | 30 | PASS |
| | | | | RB38#0 | 22.25 | 20.75 | 30 | PASS |
| | | | | RB38#19 | 22.18 | 20.68 | 30 | PASS |
| | | | | RB38#39 | 22.12 | 20.62 | 30 | PASS |
| | | | | RB75#0 | 22.23 | 20.73 | 30 | PASS |
| | | 20 | LCH | RB1#0 | 22.69 | 21.19 | 30 | PASS |
| | | | | RB1#50 | 22.89 | 21.39 | 30 | PASS |
| | | | | RB1#99 | 22.72 | 21.22 | 30 | PASS |
| | | | | RB50#0 | 22.05 | 20.55 | 30 | PASS |
| | | | | RB50#25 | 22.2 | 20.7 | 30 | PASS |
| | | | | RB50#50 | 22.13 | 20.63 | 30 | PASS |
| | | | | RB100#0 | 22.05 | 20.55 | 30 | PASS |
| | | | MCH | RB1#0 | 22.64 | 21.14 | 30 | PASS |
| | | | | RB1#50 | 23.13 | 21.63 | 30 | PASS |
| | | | | RB1#99 | 22.78 | 21.28 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB50#0 | 22.05 | 20.55 | 30 | PASS |
| | | | | RB50#25 | 22.12 | 20.62 | 30 | PASS |
| | | | | RB50#50 | 22 | 20.5 | 30 | PASS |
| | | | | RB100#0 | 22.01 | 20.51 | 30 | PASS |
| | | | HCH | RB1#0 | 23.02 | 21.52 | 30 | PASS |
| | | | | RB1#50 | 23.31 | 21.81 | 30 | PASS |
| | | | | RB1#99 | 22.94 | 21.44 | 30 | PASS |
| | | | | RB50#0 | 22.33 | 20.83 | 30 | PASS |
| | | | | RB50#25 | 22.23 | 20.73 | 30 | PASS |
| | | | | RB50#50 | 22.14 | 20.64 | 30 | PASS |
| | | | | RB100#0 | 22.33 | 20.83 | 30 | PASS |
| | LTE/TM2 | 1.4 | LCH | RB1#0 | 21.56 | 20.06 | 30 | PASS |
| | | | | RB1#3 | 21.82 | 20.32 | 30 | PASS |
| | | | | RB1#5 | 21.85 | 20.35 | 30 | PASS |
| | | | | RB3#0 | 22.09 | 20.59 | 30 | PASS |
| | | | | RB3#2 | 22.11 | 20.61 | 30 | PASS |
| | | | | RB3#3 | 22.06 | 20.56 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB6#0 | 21.07 | 19.57 | 30 | PASS |
| | | | MCH | RB1#0 | 21.95 | 20.45 | 30 | PASS |
| | | | | RB1#3 | 21.93 | 20.43 | 30 | PASS |
| | | | | RB1#5 | 21.9 | 20.4 | 30 | PASS |
| | | | | RB3#0 | 21.98 | 20.48 | 30 | PASS |
| | | | | RB3#2 | 22.03 | 20.53 | 30 | PASS |
| | | | | RB3#3 | 21.89 | 20.39 | 30 | PASS |
| | | | | RB6#0 | 21.01 | 19.51 | 30 | PASS |
| | | | HCH | RB1#0 | 22.33 | 20.83 | 30 | PASS |
| | | | | RB1#3 | 22.37 | 20.87 | 30 | PASS |
| | | | | RB1#5 | 22.44 | 20.94 | 30 | PASS |
| | | | | RB3#0 | 22.21 | 20.71 | 30 | PASS |
| | | | | RB3#2 | 22.16 | 20.66 | 30 | PASS |
| | | | | RB3#3 | 22.12 | 20.62 | 30 | PASS |
| | | | | RB6#0 | 21.11 | 19.61 | 30 | PASS |
| | | 3 | LCH | RB1#0 | 22.09 | 20.59 | 30 | PASS |
| | | | | RB1#7 | 22.06 | 20.56 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB1#14 | 22.06 | 20.56 | 30 | PASS |
| | | | | RB8#0 | 20.98 | 19.48 | 30 | PASS |
| | | | | RB8#4 | 20.9 | 19.4 | 30 | PASS |
| | | | | RB8#7 | 20.86 | 19.36 | 30 | PASS |
| | | | | RB15#0 | 20.92 | 19.42 | 30 | PASS |
| | | | MCH | RB1#0 | 22.04 | 20.54 | 30 | PASS |
| | | | | RB1#7 | 22.14 | 20.64 | 30 | PASS |
| | | | | RB1#14 | 22.04 | 20.54 | 30 | PASS |
| | | | | RB8#0 | 21.01 | 19.51 | 30 | PASS |
| | | | | RB8#4 | 21.06 | 19.56 | 30 | PASS |
| | | | | RB8#7 | 21.05 | 19.55 | 30 | PASS |
| | | | | RB15#0 | 20.98 | 19.48 | 30 | PASS |
| | | | HCH | RB1#0 | 22.23 | 20.73 | 30 | PASS |
| | | | | RB1#7 | 22.08 | 20.58 | 30 | PASS |
| | | | | RB1#14 | 21.89 | 20.39 | 30 | PASS |
| | | | | RB8#0 | 20.96 | 19.46 | 30 | PASS |
| | | | | RB8#4 | 20.99 | 19.49 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB8#7 | 21.2 | 19.7 | 30 | PASS |
| | | | | RB15#0 | 21.07 | 19.57 | 30 | PASS |
| | | | LCH | RB1#0 | 21.98 | 20.48 | 30 | PASS |
| | | | | RB1#13 | 21.91 | 20.41 | 30 | PASS |
| | | | | RB1#24 | 21.67 | 20.17 | 30 | PASS |
| | | | | RB12#0 | 21.17 | 19.67 | 30 | PASS |
| | | | | RB12#6 | 21.21 | 19.71 | 30 | PASS |
| | | | | RB12#13 | 21.19 | 19.69 | 30 | PASS |
| | | | | RB25#0 | 21.08 | 19.58 | 30 | PASS |
| | | 5 | MCH | RB1#0 | 22.16 | 20.66 | 30 | PASS |
| | | | | RB1#13 | 22.29 | 20.79 | 30 | PASS |
| | | | | RB1#24 | 22.24 | 20.74 | 30 | PASS |
| | | | | RB12#0 | 21.34 | 19.84 | 30 | PASS |
| | | | | RB12#6 | 21.42 | 19.92 | 30 | PASS |
| | | | | RB12#13 | 21.34 | 19.84 | 30 | PASS |
| | | | | RB25#0 | 21.03 | 19.53 | 30 | PASS |
| | | | HCH | RB1#0 | 22.34 | 20.84 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB1#13 | 22.46 | 20.96 | 30 | PASS |
| | | | | RB1#24 | 22.33 | 20.83 | 30 | PASS |
| | | | | RB12#0 | 21.27 | 19.77 | 30 | PASS |
| | | | | RB12#6 | 21.32 | 19.82 | 30 | PASS |
| | | | | RB12#13 | 21.37 | 19.87 | 30 | PASS |
| | | | | RB25#0 | 21.34 | 19.84 | 30 | PASS |
| | | 10 | LCH | RB1#0 | 22.23 | 20.73 | 30 | PASS |
| | | | | RB1#25 | 22.33 | 20.83 | 30 | PASS |
| | | | | RB1#49 | 21.66 | 20.16 | 30 | PASS |
| | | | | RB25#0 | 20.96 | 19.46 | 30 | PASS |
| | | | | RB25#13 | 21.11 | 19.61 | 30 | PASS |
| | | | | RB25#25 | 20.86 | 19.36 | 30 | PASS |
| | | | | RB50#0 | 20.9 | 19.4 | 30 | PASS |
| | | | MCH | RB1#0 | 21.96 | 20.46 | 30 | PASS |
| | | | | RB1#25 | 22.05 | 20.55 | 30 | PASS |
| | | | | RB1#49 | 21.36 | 19.86 | 30 | PASS |
| | | | | RB25#0 | 20.89 | 19.39 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB25#13 | 20.99 | 19.49 | 30 | PASS |
| | | | | RB25#25 | 20.91 | 19.41 | 30 | PASS |
| | | | | RB50#0 | 21.01 | 19.51 | 30 | PASS |
| | | | HCH | RB1#0 | 21.88 | 20.38 | 30 | PASS |
| | | | | RB1#25 | 22.47 | 20.97 | 30 | PASS |
| | | | | RB1#49 | 21.55 | 20.05 | 30 | PASS |
| | | | | RB25#0 | 21.08 | 19.58 | 30 | PASS |
| | | | | RB25#13 | 21.19 | 19.69 | 30 | PASS |
| | | | | RB25#25 | 21.1 | 19.6 | 30 | PASS |
| | | | | RB50#0 | 21.01 | 19.51 | 30 | PASS |
| | | 15 | LCH | RB1#0 | 22.27 | 20.77 | 30 | PASS |
| | | | | RB1#38 | 22.14 | 20.64 | 30 | PASS |
| | | | | RB1#74 | 22.13 | 20.63 | 30 | PASS |
| | | | | RB38#0 | 21.04 | 19.54 | 30 | PASS |
| | | | | RB38#19 | 21.2 | 19.7 | 30 | PASS |
| | | | | RB38#39 | 21.12 | 19.62 | 30 | PASS |
| | | | | RB75#0 | 20.97 | 19.47 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | MCH | RB1#0 | 22.03 | 20.53 | 30 | PASS |
| | | | | RB1#38 | 22.1 | 20.6 | 30 | PASS |
| | | | | RB1#74 | 22.07 | 20.57 | 30 | PASS |
| | | | | RB38#0 | 20.89 | 19.39 | 30 | PASS |
| | | | | RB38#19 | 21.01 | 19.51 | 30 | PASS |
| | | | | RB38#39 | 20.99 | 19.49 | 30 | PASS |
| | | | | RB75#0 | 21.03 | 19.53 | 30 | PASS |
| | | | HCH | RB1#0 | 22.39 | 20.89 | 30 | PASS |
| | | | | RB1#38 | 22.27 | 20.77 | 30 | PASS |
| | | | | RB1#74 | 22.41 | 20.91 | 30 | PASS |
| | | | | RB38#0 | 21.22 | 19.72 | 30 | PASS |
| | | | | RB38#19 | 21.13 | 19.63 | 30 | PASS |
| | | | | RB38#39 | 20.88 | 19.38 | 30 | PASS |
| | | | | RB75#0 | 21.14 | 19.64 | 30 | PASS |
| | | 20 | LCH | RB1#0 | 22.13 | 20.63 | 30 | PASS |
| | | | | RB1#50 | 22.51 | 21.01 | 30 | PASS |
| | | | | RB1#99 | 22.35 | 20.85 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB50#0 | 21.07 | 19.57 | 30 | PASS |
| | | | | RB50#25 | 21.2 | 19.7 | 30 | PASS |
| | | | | RB50#50 | 21.13 | 19.63 | 30 | PASS |
| | | | | RB100#0 | 20.99 | 19.49 | 30 | PASS |
| | | | MCH | RB1#0 | 22.12 | 20.62 | 30 | PASS |
| | | | | RB1#50 | 22.19 | 20.69 | 30 | PASS |
| | | | | RB1#99 | 21.99 | 20.49 | 30 | PASS |
| | | | | RB50#0 | 21.03 | 19.53 | 30 | PASS |
| | | | | RB50#25 | 21.14 | 19.64 | 30 | PASS |
| | | | | RB50#50 | 21.09 | 19.59 | 30 | PASS |
| | | | | RB100#0 | 21.03 | 19.53 | 30 | PASS |
| | | | HCH | RB1#0 | 22.15 | 20.65 | 30 | PASS |
| | | | | RB1#50 | 22.29 | 20.79 | 30 | PASS |
| | | | | RB1#99 | 21.95 | 20.45 | 30 | PASS |
| | | | | RB50#0 | 21.19 | 19.69 | 30 | PASS |
| | | | | RB50#25 | 21.12 | 19.62 | 30 | PASS |
| | | | | RB50#50 | 20.95 | 19.45 | 30 | PASS |

| Test Band(LTE) | Test Mode | Test Bandwidth | Test Channel | Test RB | Measured[dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | | | RB100#0 | 21.24 | 19.74 | 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 wxceed 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 | 4.55 | 13 | PASS |
| | | | | RB1#3 | 4.51 | 13 | PASS |
| | | | | RB1#5 | 4.57 | 13 | PASS |
| | | | | RB3#0 | 4.91 | 13 | PASS |
| | | | | RB3#2 | 4.87 | 13 | PASS |
| | | | | RB3#3 | 4.98 | 13 | PASS |
| | | | | RB6#0 | 5.71 | 13 | PASS |
| | | | MCH | RB1#0 | 3.78 | 13 | PASS |
| | | | | RB1#3 | 3.71 | 13 | PASS |
| | | | | RB1#5 | 3.79 | 13 | PASS |
| | | | | RB3#0 | 4.1 | 13 | PASS |
| | | | | RB3#2 | 3.98 | 13 | PASS |
| | | | | RB3#3 | 4.1 | 13 | PASS |
| | | | | RB6#0 | 5.05 | 13 | PASS |
| | | | HCH | RB1#0 | 4.44 | 13 | PASS |
| | | | | RB1#3 | 4.33 | 13 | PASS |
| | | | | RB1#5 | 4.36 | 13 | PASS |
| | | | | RB3#0 | 4.7 | 13 | PASS |
| | | | | RB3#2 | 4.5 | 13 | PASS |
| | | | | RB3#3 | 4.67 | 13 | PASS |
| | | | | RB6#0 | 5.44 | 13 | PASS |
| | | 3 | LCH | RB1#0 | 4.6 | 13 | PASS |
| | | | | RB1#7 | 4.61 | 13 | PASS |
| | | | | RB1#14 | 4.76 | 13 | PASS |
| | | | | RB8#0 | 5.27 | 13 | PASS |
| | | | | RB8#4 | 5.28 | 13 | PASS |
| | | | | RB8#7 | 5.41 | 13 | PASS |
| | | | | RB15#0 | 5.52 | 13 | PASS |
| | | | MCH | RB1#0 | 3.86 | 13 | PASS |
| | | | | RB1#7 | 3.76 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB1#14 | 3.86 | 13 | PASS |
| | | | | RB8#0 | 4.59 | 13 | PASS |
| | | | | RB8#4 | 4.57 | 13 | PASS |
| | | | | RB8#7 | 4.7 | 13 | PASS |
| | | | | RB15#0 | 5.03 | 13 | PASS |
| | | | HCH | RB1#0 | 4.58 | 13 | PASS |
| | | | | RB1#7 | 4.33 | 13 | PASS |
| | | | | RB1#14 | 4.46 | 13 | PASS |
| | | | | RB8#0 | 5.11 | 13 | PASS |
| | | | | RB8#4 | 4.97 | 13 | PASS |
| | | | | RB8#7 | 5.05 | 13 | PASS |
| | | | | RB15#0 | 5.94 | 13 | PASS |
| | | 5 | LCH | RB1#0 | 4.68 | 13 | PASS |
| | | | | RB1#13 | 4.53 | 13 | PASS |
| | | | | RB1#24 | 4.74 | 13 | PASS |
| | | | | RB12#0 | 5.25 | 13 | PASS |
| | | | | RB12#6 | 5.26 | 13 | PASS |
| | | | | RB12#13 | 5.25 | 13 | PASS |
| | | | | RB25#0 | 5.75 | 13 | PASS |
| | | | MCH | RB1#0 | 4.03 | 13 | PASS |
| | | | | RB1#13 | 3.9 | 13 | PASS |
| | | | | RB1#24 | 4.04 | 13 | PASS |
| | | | | RB12#0 | 4.61 | 13 | PASS |
| | | | | RB12#6 | 4.51 | 13 | PASS |
| | | | | RB12#13 | 4.64 | 13 | PASS |
| | | | | RB25#0 | 5.17 | 13 | PASS |
| | | | HCH | RB1#0 | 4.54 | 13 | PASS |
| | | | | RB1#13 | 4.42 | 13 | PASS |
| | | | | RB1#24 | 4.4 | 13 | PASS |
| | | | | RB12#0 | 5.2 | 13 | PASS |
| | | | | RB12#6 | 4.92 | 13 | PASS |
| | | | | RB12#13 | 5.08 | 13 | PASS |
| | | | | RB25#0 | 5.62 | 13 | PASS |
| | | 10 | LCH | RB1#0 | 4.67 | 13 | PASS |
| | | | | RB1#25 | 4.48 | 13 | PASS |
| | | | | RB1#49 | 4.46 | 13 | PASS |
| | | | | RB25#0 | 5.34 | 13 | PASS |
| | | | | RB25#13 | 5.22 | 13 | PASS |
| | | | | RB25#25 | 5.23 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB50#0 | 5.27 | 13 | PASS |
| | | | MCH | RB1#0 | 3.97 | 13 | PASS |
| | | | | RB1#25 | 3.61 | 13 | PASS |
| | | | | RB1#49 | 3.89 | 13 | PASS |
| | | | | RB25#0 | 4.61 | 13 | PASS |
| | | | | RB25#13 | 4.48 | 13 | PASS |
| | | | | RB25#25 | 4.63 | 13 | PASS |
| | | | | RB50#0 | 5.44 | 13 | PASS |
| | | | HCH | RB1#0 | 4.52 | 13 | PASS |
| | | | | RB1#25 | 4.48 | 13 | PASS |
| | | | | RB1#49 | 4.35 | 13 | PASS |
| | | | | RB25#0 | 5.12 | 13 | PASS |
| | | | | RB25#13 | 5.16 | 13 | PASS |
| | | | | RB25#25 | 5.1 | 13 | PASS |
| | | | | RB50#0 | 5.33 | 13 | PASS |
| | | 15 | LCH | RB1#0 | 4.55 | 13 | PASS |
| | | | | RB1#38 | 4.56 | 13 | PASS |
| | | | | RB1#74 | 4 | 13 | PASS |
| | | | | RB38#0 | 5.27 | 13 | PASS |
| | | | | RB38#19 | 5.22 | 13 | PASS |
| | | | | RB38#39 | 5.06 | 13 | PASS |
| | | | | RB75#0 | 5.87 | 13 | PASS |
| | | | MCH | RB1#0 | 3.91 | 13 | PASS |
| | | | | RB1#38 | 3.81 | 13 | PASS |
| | | | | RB1#74 | 3.99 | 13 | PASS |
| | | | | RB38#0 | 4.69 | 13 | PASS |
| | | | | RB38#19 | 4.56 | 13 | PASS |
| | | | | RB38#39 | 4.7 | 13 | PASS |
| | | | | RB75#0 | 5.41 | 13 | PASS |
| | | | HCH | RB1#0 | 4.21 | 13 | PASS |
| | | | | RB1#38 | 4.51 | 13 | PASS |
| | | | | RB1#74 | 4.29 | 13 | PASS |
| | | | | RB38#0 | 5 | 13 | PASS |
| | | | | RB38#19 | 5.03 | 13 | PASS |
| | | | | RB38#39 | 5.13 | 13 | PASS |
| | | | | RB75#0 | 5.67 | 13 | PASS |
| | | 20 | LCH | RB1#0 | 4.73 | 13 | PASS |
| | | | | RB1#50 | 4.43 | 13 | PASS |
| | | | | RB1#99 | 4.04 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB50#0 | 5.34 | 13 | PASS |
| | | | | RB50#25 | 5.11 | 13 | PASS |
| | | | | RB50#50 | 4.99 | 13 | PASS |
| | | | | RB100#0 | 5.5 | 13 | PASS |
| | | | MCH | RB1#0 | 4.26 | 13 | PASS |
| | | | | RB1#50 | 3.8 | 13 | PASS |
| | | | | RB1#99 | 4.36 | 13 | PASS |
| | | | | RB50#0 | 4.79 | 13 | PASS |
| | | | | RB50#25 | 4.58 | 13 | PASS |
| | | | | RB50#50 | 4.79 | 13 | PASS |
| | | | | RB100#0 | 5.27 | 13 | PASS |
| | | | HCH | RB1#0 | 3.96 | 13 | PASS |
| | | | | RB1#50 | 4.32 | 13 | PASS |
| | | | | RB1#99 | 4.44 | 13 | PASS |
| | | | | RB50#0 | 4.87 | 13 | PASS |
| | | | | RB50#25 | 5 | 13 | PASS |
| | | | | RB50#50 | 5.17 | 13 | PASS |
| | | | | RB100#0 | 5.58 | 13 | PASS |
| | LTE/TM2 | 1.4 | LCH | RB1#0 | 5.66 | 13 | PASS |
| | | | | RB1#3 | 5.63 | 13 | PASS |
| | | | | RB1#5 | 5.75 | 13 | PASS |
| | | | | RB3#0 | 6.02 | 13 | PASS |
| | | | | RB3#2 | 5.93 | 13 | PASS |
| | | | | RB3#3 | 6.02 | 13 | PASS |
| | | | | RB6#0 | 6.12 | 13 | PASS |
| | | | MCH | RB1#0 | 4.85 | 13 | PASS |
| | | | | RB1#3 | 4.82 | 13 | PASS |
| | | | | RB1#5 | 4.84 | 13 | PASS |
| | | | | RB3#0 | 4.91 | 13 | PASS |
| | | | | RB3#2 | 4.77 | 13 | PASS |
| | | | | RB3#3 | 4.92 | 13 | PASS |
| | | | | RB6#0 | 5.74 | 13 | PASS |
| | | | HCH | RB1#0 | 5.25 | 13 | PASS |
| | | | | RB1#3 | 5.17 | 13 | PASS |
| | | | | RB1#5 | 5.09 | 13 | PASS |
| | | | | RB3#0 | 5.52 | 13 | PASS |
| | | | | RB3#2 | 5.36 | 13 | PASS |
| | | | | RB3#3 | 5.55 | 13 | PASS |
| | | | | RB6#0 | 6.37 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | 3 | LCH | RB1#0 | 5.48 | 13 | PASS |
| | | | | RB1#7 | 5.44 | 13 | PASS |
| | | | | RB1#14 | 5.56 | 13 | PASS |
| | | | | RB8#0 | 6.05 | 13 | PASS |
| | | | | RB8#4 | 6.01 | 13 | PASS |
| | | | | RB8#7 | 6.1 | 13 | PASS |
| | | | | RB15#0 | 6.55 | 13 | PASS |
| | | | MCH | RB1#0 | 4.78 | 13 | PASS |
| | | | | RB1#7 | 4.71 | 13 | PASS |
| | | | | RB1#14 | 4.83 | 13 | PASS |
| | | | | RB8#0 | 5.5 | 13 | PASS |
| | | | | RB8#4 | 5.38 | 13 | PASS |
| | | | | RB8#7 | 5.53 | 13 | PASS |
| | | | | RB15#0 | 5.77 | 13 | PASS |
| | | | HCH | RB1#0 | 5.6 | 13 | PASS |
| | | | | RB1#7 | 5.44 | 13 | PASS |
| | | | | RB1#14 | 5.43 | 13 | PASS |
| | | | | RB8#0 | 5.93 | 13 | PASS |
| | | | | RB8#4 | 5.85 | 13 | PASS |
| | | | | RB8#7 | 5.9 | 13 | PASS |
| | | | | RB15#0 | 6.32 | 13 | PASS |
| | | 5 | LCH | RB1#0 | 5.7 | 13 | PASS |
| | | | | RB1#13 | 5.76 | 13 | PASS |
| | | | | RB1#24 | 5.72 | 13 | PASS |
| | | | | RB12#0 | 6.14 | 13 | PASS |
| | | | | RB12#6 | 6.06 | 13 | PASS |
| | | | | RB12#13 | 6.18 | 13 | PASS |
| | | | | RB25#0 | 6.56 | 13 | PASS |
| | | | MCH | RB1#0 | 4.95 | 13 | PASS |
| | | | | RB1#13 | 4.89 | 13 | PASS |
| | | | | RB1#24 | 4.9 | 13 | PASS |
| | | | | RB12#0 | 5.5 | 13 | PASS |
| | | | | RB12#6 | 5.36 | 13 | PASS |
| | | | | RB12#13 | 5.51 | 13 | PASS |
| | | | | RB25#0 | 5.92 | 13 | PASS |
| | | | HCH | RB1#0 | 5.04 | 13 | PASS |
| | | | | RB1#13 | 4.89 | 13 | PASS |
| | | | | RB1#24 | 4.89 | 13 | PASS |
| | | | | RB12#0 | 5.93 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB12#6 | 5.92 | 13 | PASS |
| | | | | RB12#13 | 5.88 | 13 | PASS |
| | | | | RB25#0 | 6.65 | 13 | PASS |
| | | 10 | LCH | RB1#0 | 5.72 | 13 | PASS |
| | | | | RB1#25 | 5.66 | 13 | PASS |
| | | | | RB1#49 | 5.59 | 13 | PASS |
| | | | | RB25#0 | 6.4 | 13 | PASS |
| | | | | RB25#13 | 6.31 | 13 | PASS |
| | | | | RB25#25 | 6.36 | 13 | PASS |
| | | | | RB50#0 | 6.42 | 13 | PASS |
| | | | MCH | RB1#0 | 5.04 | 13 | PASS |
| | | | | RB1#25 | 4.67 | 13 | PASS |
| | | | | RB1#49 | 4.98 | 13 | PASS |
| | | | | RB25#0 | 5.7 | 13 | PASS |
| | | | | RB25#13 | 5.55 | 13 | PASS |
| | | | | RB25#25 | 5.73 | 13 | PASS |
| | | | | RB50#0 | 5.83 | 13 | PASS |
| | | | HCH | RB1#0 | 5.48 | 13 | PASS |
| | | | | RB1#25 | 5.57 | 13 | PASS |
| | | | | RB1#49 | 5.36 | 13 | PASS |
| | | | | RB25#0 | 6.01 | 13 | PASS |
| | | | | RB25#13 | 5.87 | 13 | PASS |
| | | | | RB25#25 | 6 | 13 | PASS |
| | | | | RB50#0 | 6.54 | 13 | PASS |
| | | 15 | LCH | RB1#0 | 5.72 | 13 | PASS |
| | | | | RB1#38 | 5.61 | 13 | PASS |
| | | | | RB1#74 | 5.09 | 13 | PASS |
| | | | | RB38#0 | 6.35 | 13 | PASS |
| | | | | RB38#19 | 6.2 | 13 | PASS |
| | | | | RB38#39 | 6.11 | 13 | PASS |
| | | | | RB75#0 | 6.56 | 13 | PASS |
| | | | MCH | RB1#0 | 5.07 | 13 | PASS |
| | | | | RB1#38 | 4.58 | 13 | PASS |
| | | | | RB1#74 | 5.01 | 13 | PASS |
| | | | | RB38#0 | 5.69 | 13 | PASS |
| | | | | RB38#19 | 5.48 | 13 | PASS |
| | | | | RB38#39 | 5.71 | 13 | PASS |
| | | | | RB75#0 | 6.17 | 13 | PASS |
| | | | HCH | RB1#0 | 4.71 | 13 | PASS |

| Test Band(For LTE) | Test Mode | Test Bandwidth (MHz) | Test Channel | Test RB | Measured[dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | | RB1#38 | 5.02 | 13 | PASS |
| | | | | RB1#74 | 4.89 | 13 | PASS |
| | | | | RB38#0 | 6.1 | 13 | PASS |
| | | | | RB38#19 | 6.05 | 13 | PASS |
| | | | | RB38#39 | 6.14 | 13 | PASS |
| | | | | RB75#0 | 6.38 | 13 | PASS |
| | | 20 | LCH | RB1#0 | 5.19 | 13 | PASS |
| | | | | RB1#50 | 5.01 | 13 | PASS |
| | | | | RB1#99 | 4.68 | 13 | PASS |
| | | | | RB50#0 | 6.29 | 13 | PASS |
| | | | | RB50#25 | 5.9 | 13 | PASS |
| | | | | RB50#50 | 5.8 | 13 | PASS |
| | | | | RB100#0 | 6.56 | 13 | PASS |
| | | | MCH | RB1#0 | 5.09 | 13 | PASS |
| | | | | RB1#50 | 4.4 | 13 | PASS |
| | | | | RB1#99 | 5.09 | 13 | PASS |
| | | | | RB50#0 | 5.79 | 13 | PASS |
| | | | | RB50#25 | 5.55 | 13 | PASS |
| | | | | RB50#50 | 5.71 | 13 | PASS |
| | | | | RB100#0 | 5.94 | 13 | PASS |
| | | | HCH | RB1#0 | 4.64 | 13 | PASS |
| | | | | RB1#50 | 5.14 | 13 | PASS |
| | | | | RB1#99 | 5.21 | 13 | PASS |
| | | | | RB50#0 | 5.81 | 13 | PASS |
| | | | | RB50#25 | 5.88 | 13 | PASS |
| | | | | RB50#50 | 6.1 | 13 | PASS |
| | | | | RB100#0 | 6.56 | 13 | PASS |

# 3Appendix_C: Modulation Characteristics

**Part I - Test Plots**

**3.1 For LTE**

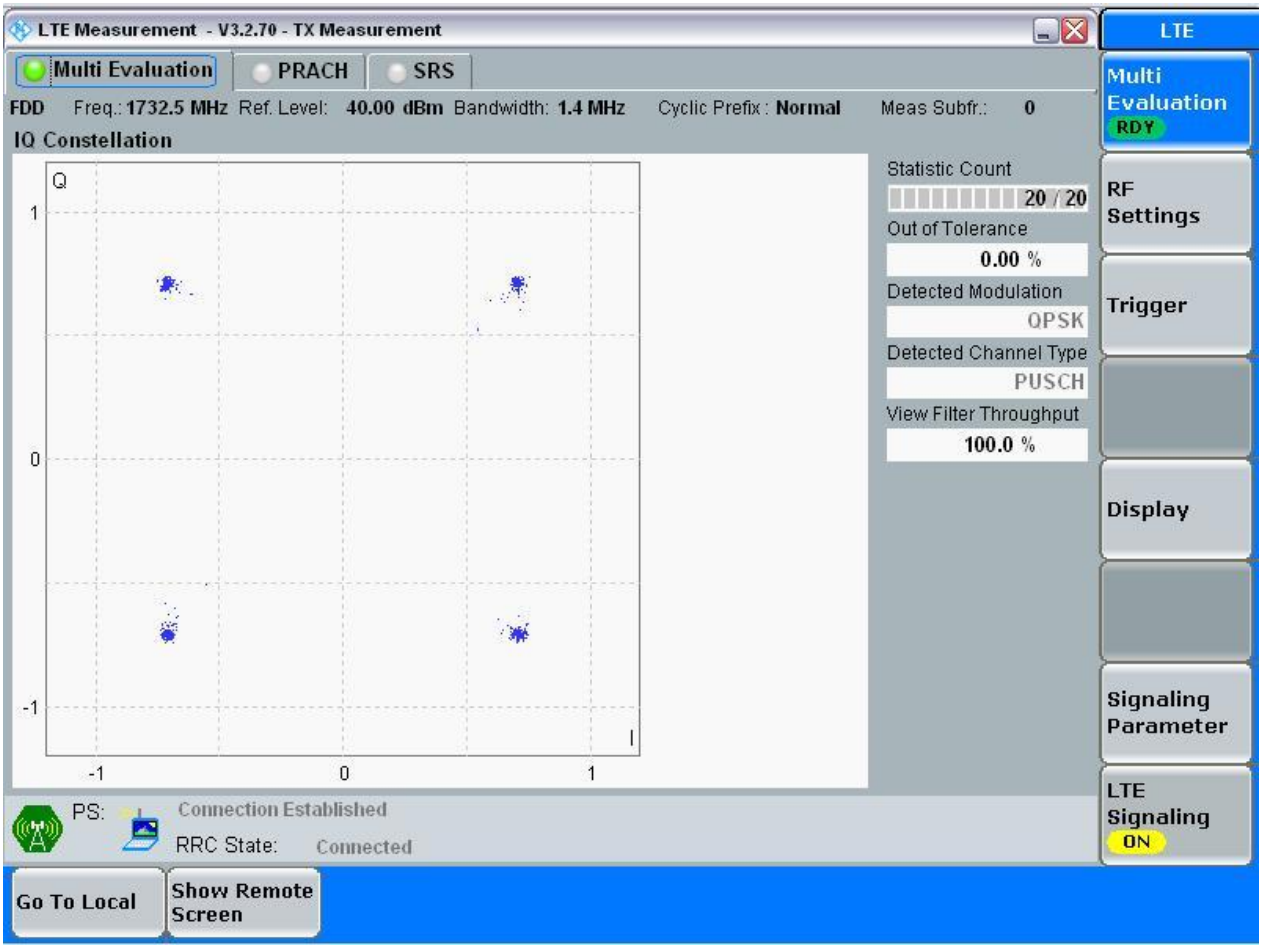
**3.1.1 Test Band = BAND4**

**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**

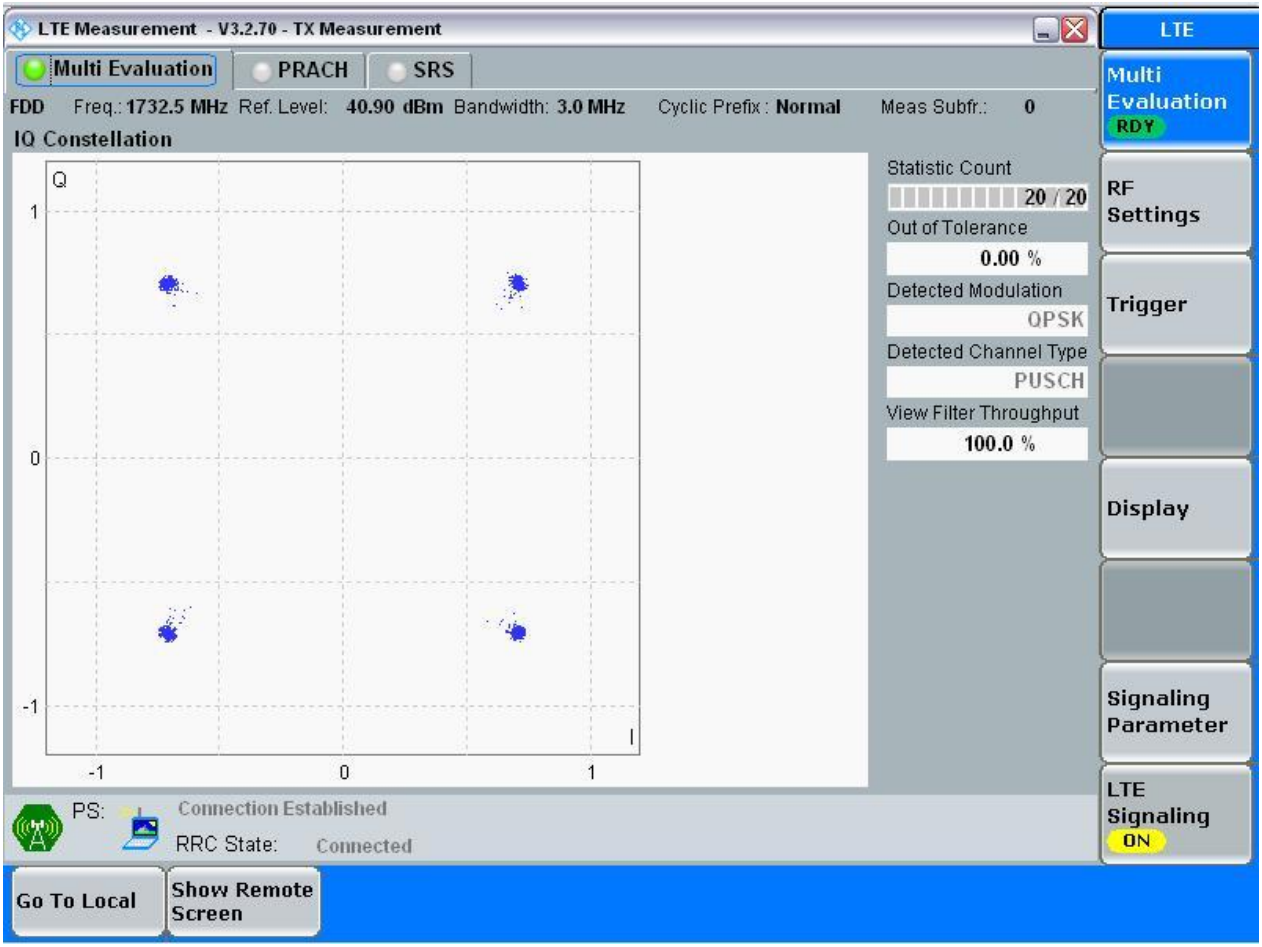
**3.1.1.1.1.1.1 Test RB = RB6#0**



#### 3.1.1.1.2 Test Bandwidth = 3

##### 3.1.1.1.2.1 Test Channel = MCH

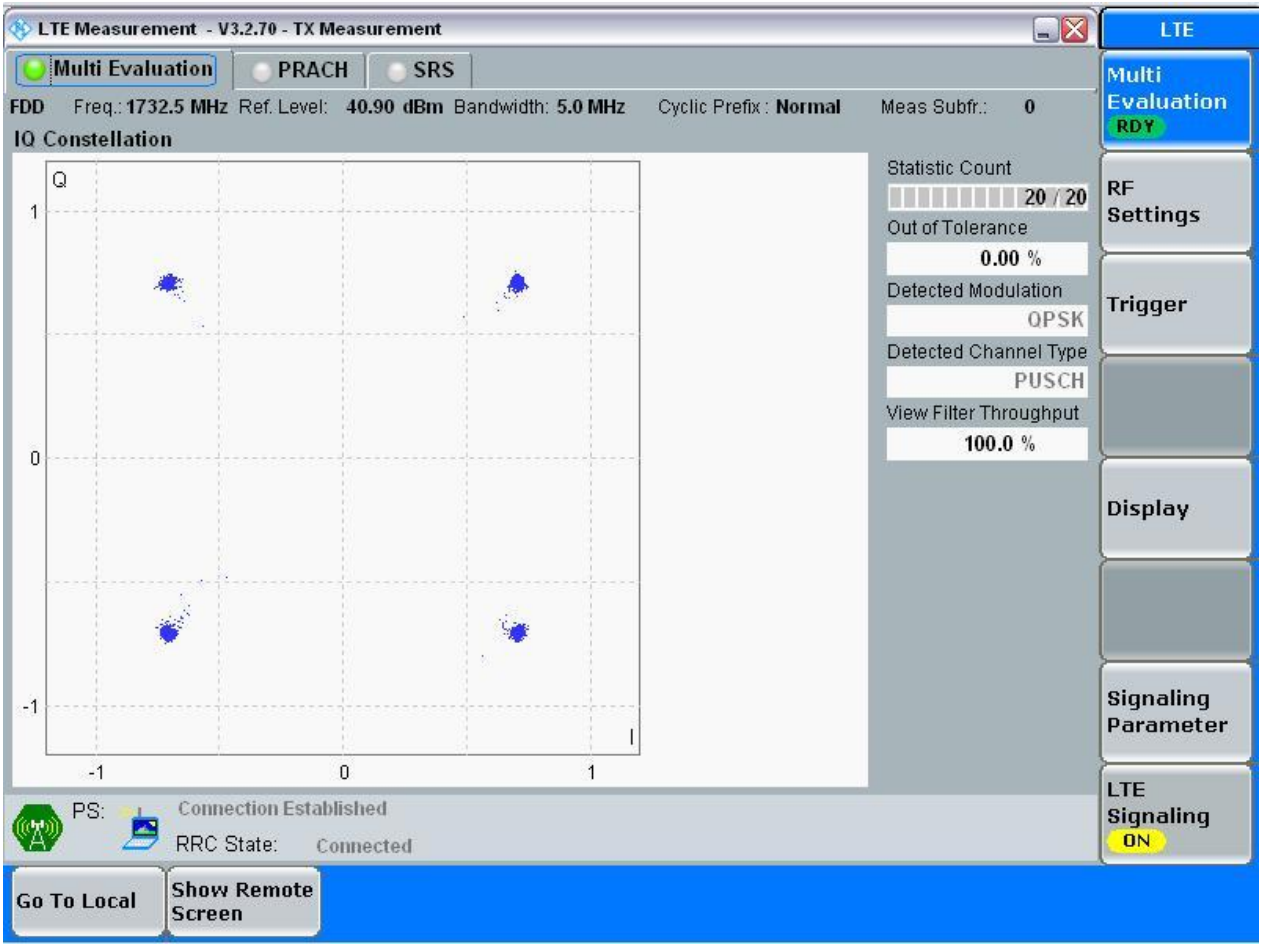
###### 3.1.1.1.2.1.1 Test RB = RB15#0



#### 3.1.1.1.3 Test Bandwidth = 5

##### 3.1.1.1.3.1 Test Channel = MCH

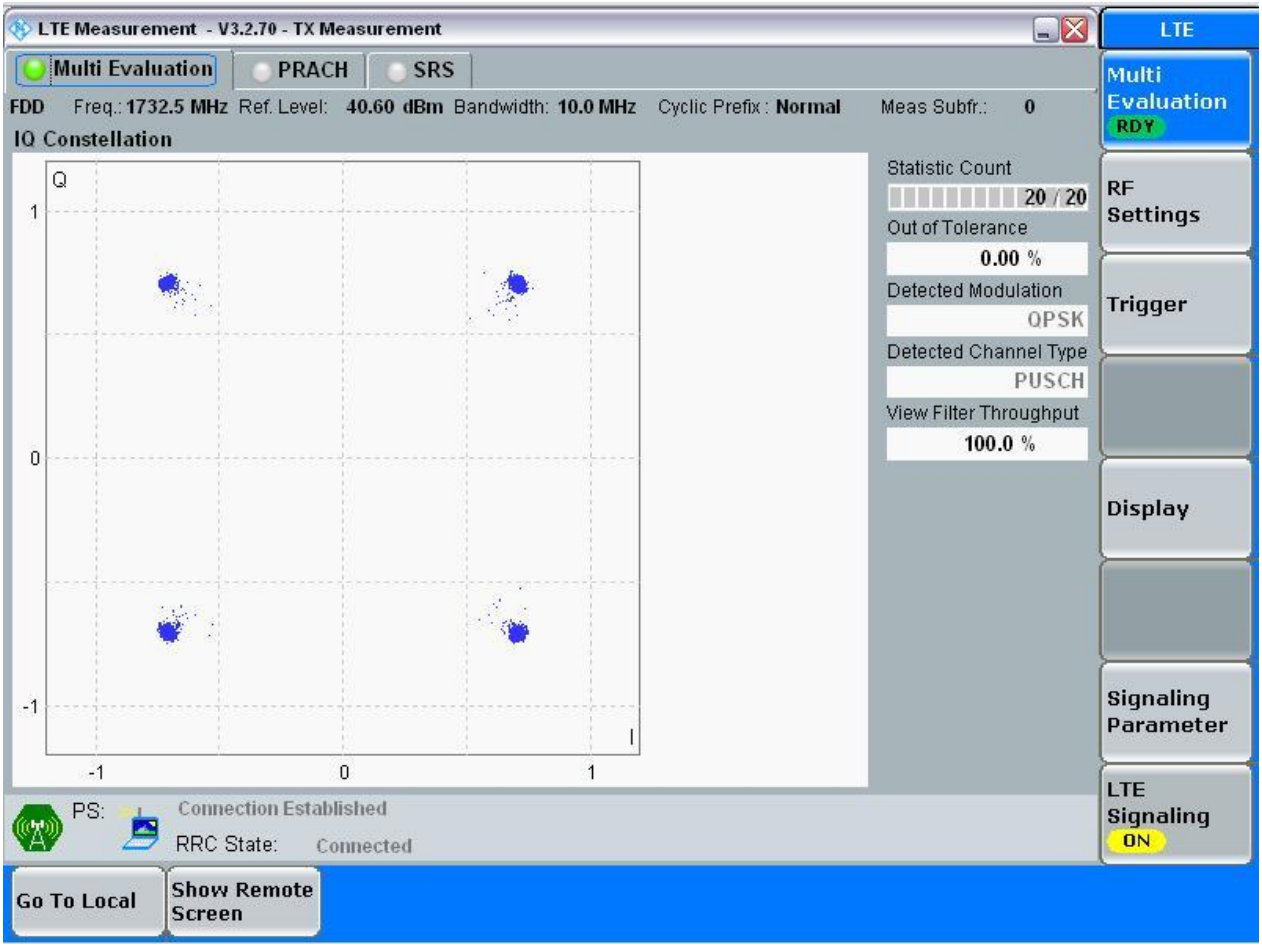
###### 3.1.1.1.3.1.1 Test RB = RB25#0



#### 3.1.1.1.4 Test Bandwidth = 10

##### 3.1.1.1.4.1 Test Channel = MCH

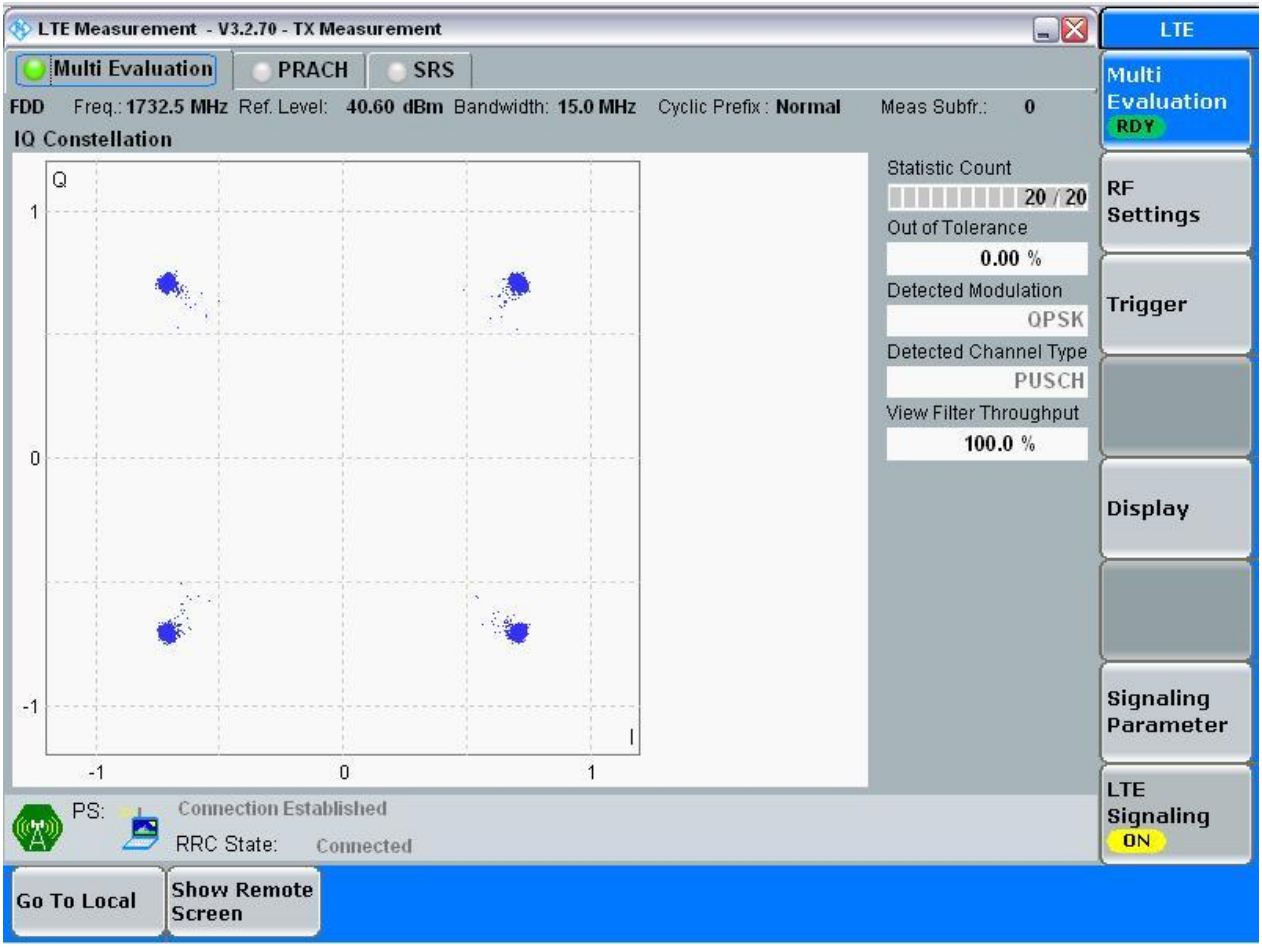
###### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

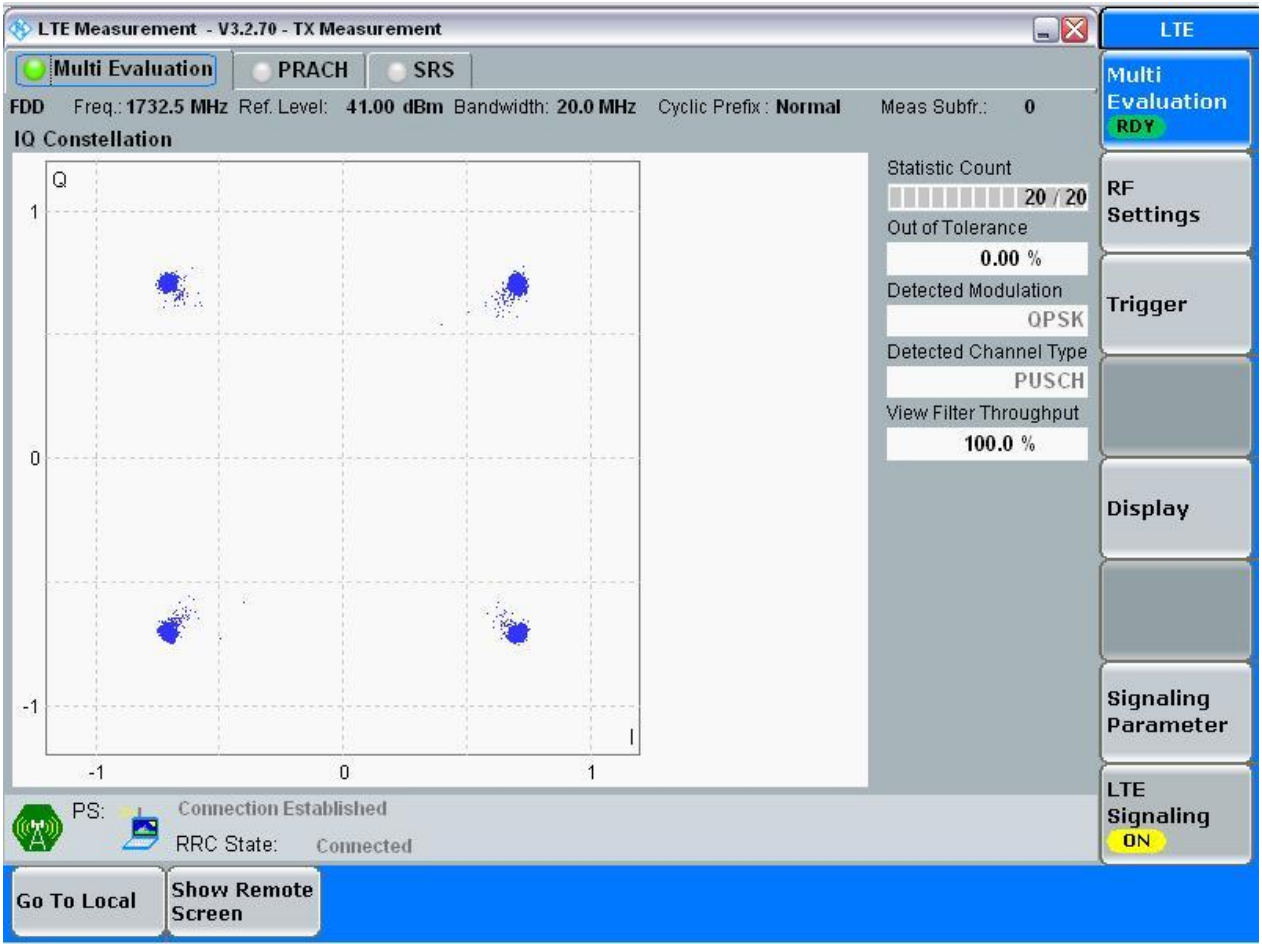
##### 3.1.1.1.5.1.1 Test RB = RB75#0



#### 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

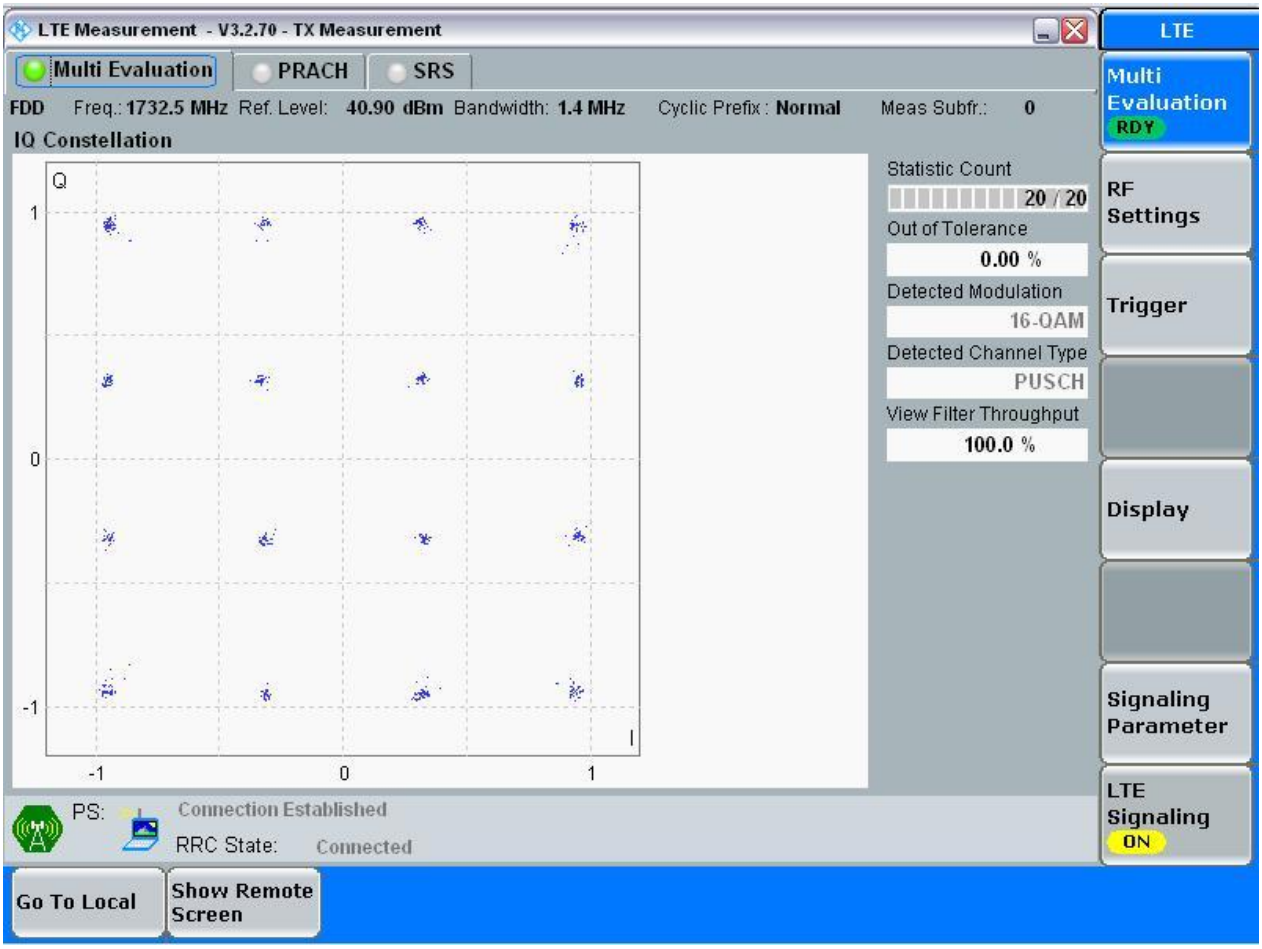


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

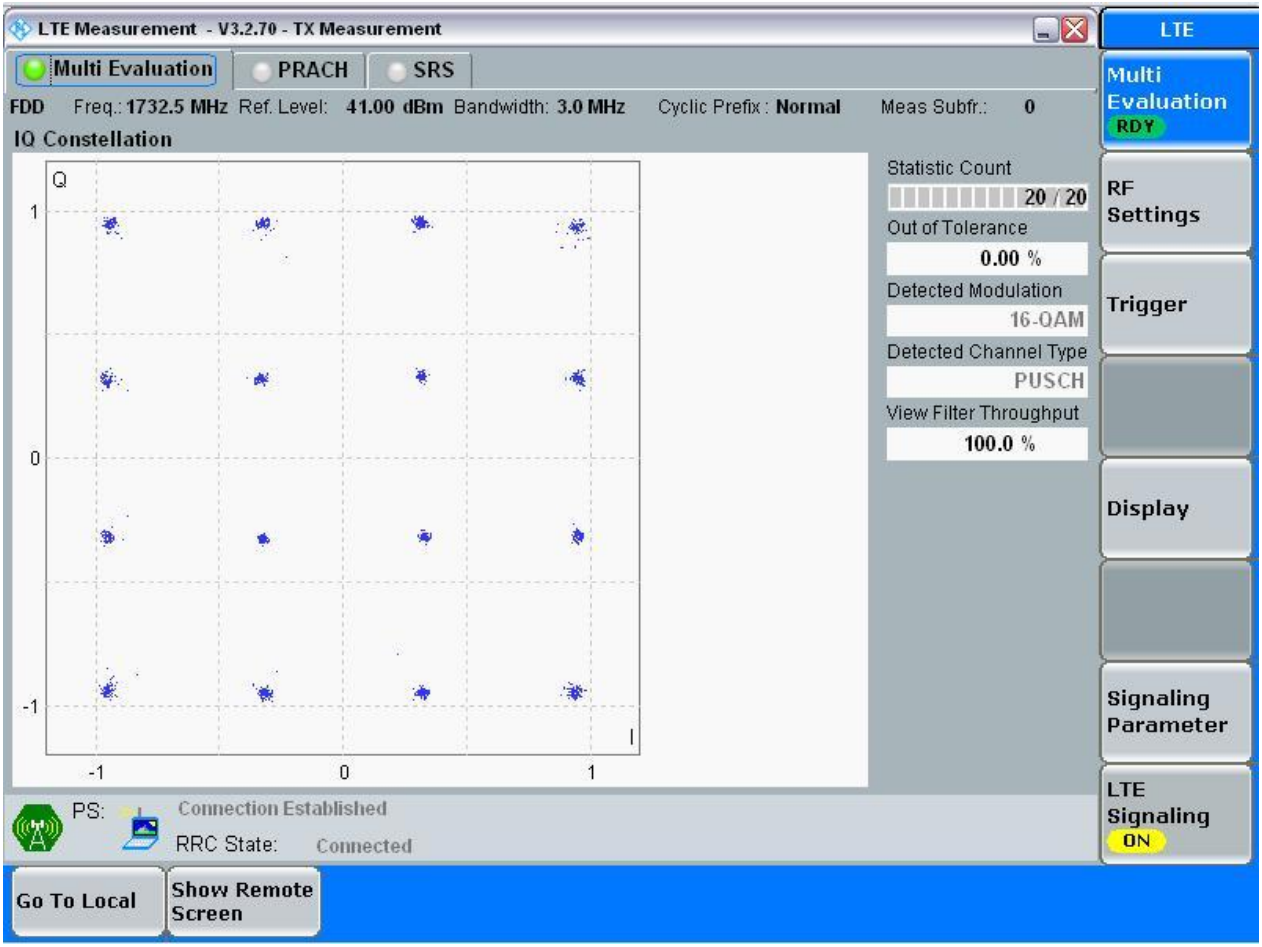
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

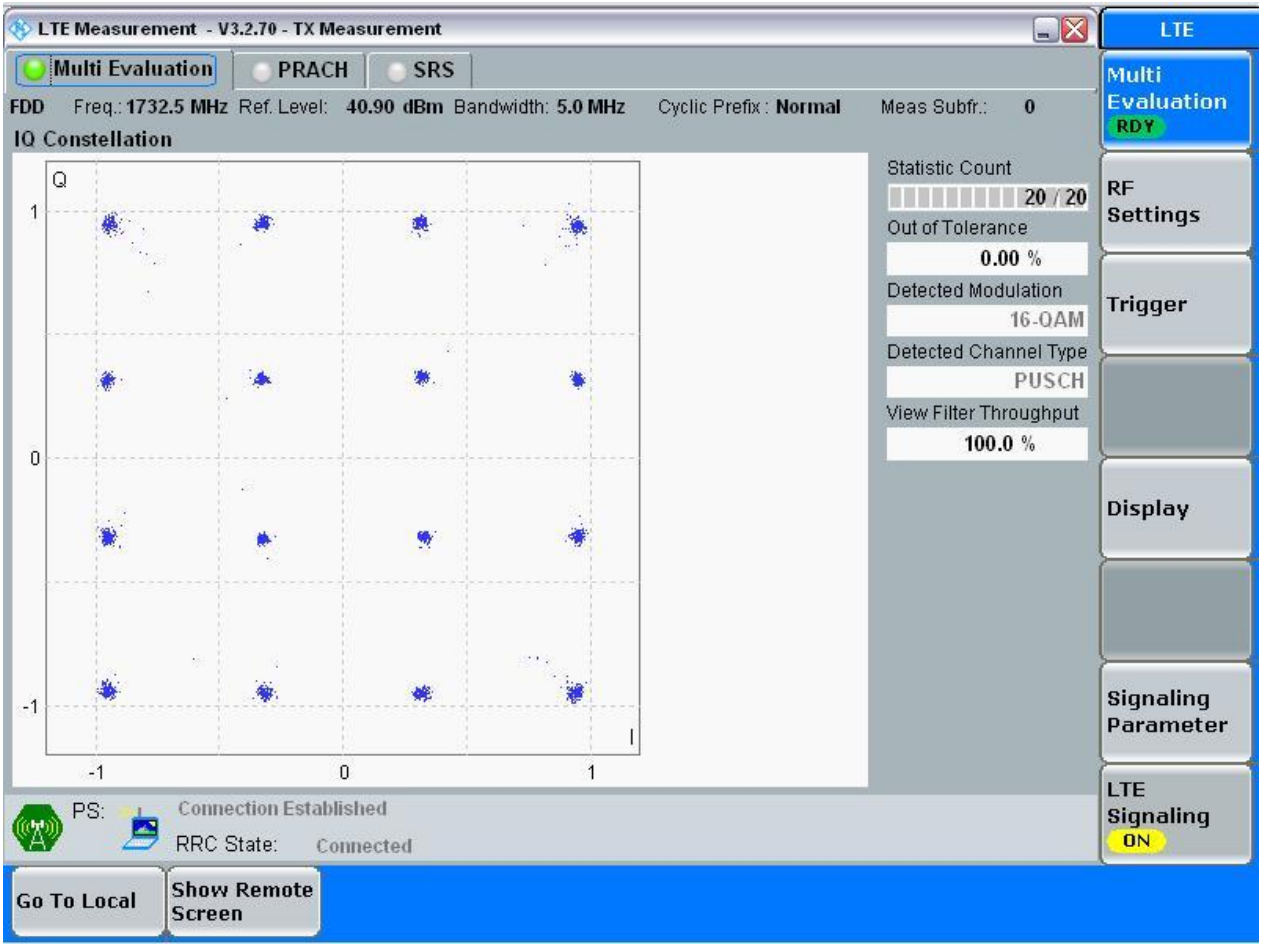
##### 3.1.1.2.2.1.1 Test RB = RB15#0



#### 3.1.1.2.3 Test Bandwidth = 5

##### 3.1.1.2.3.1 Test Channel = MCH

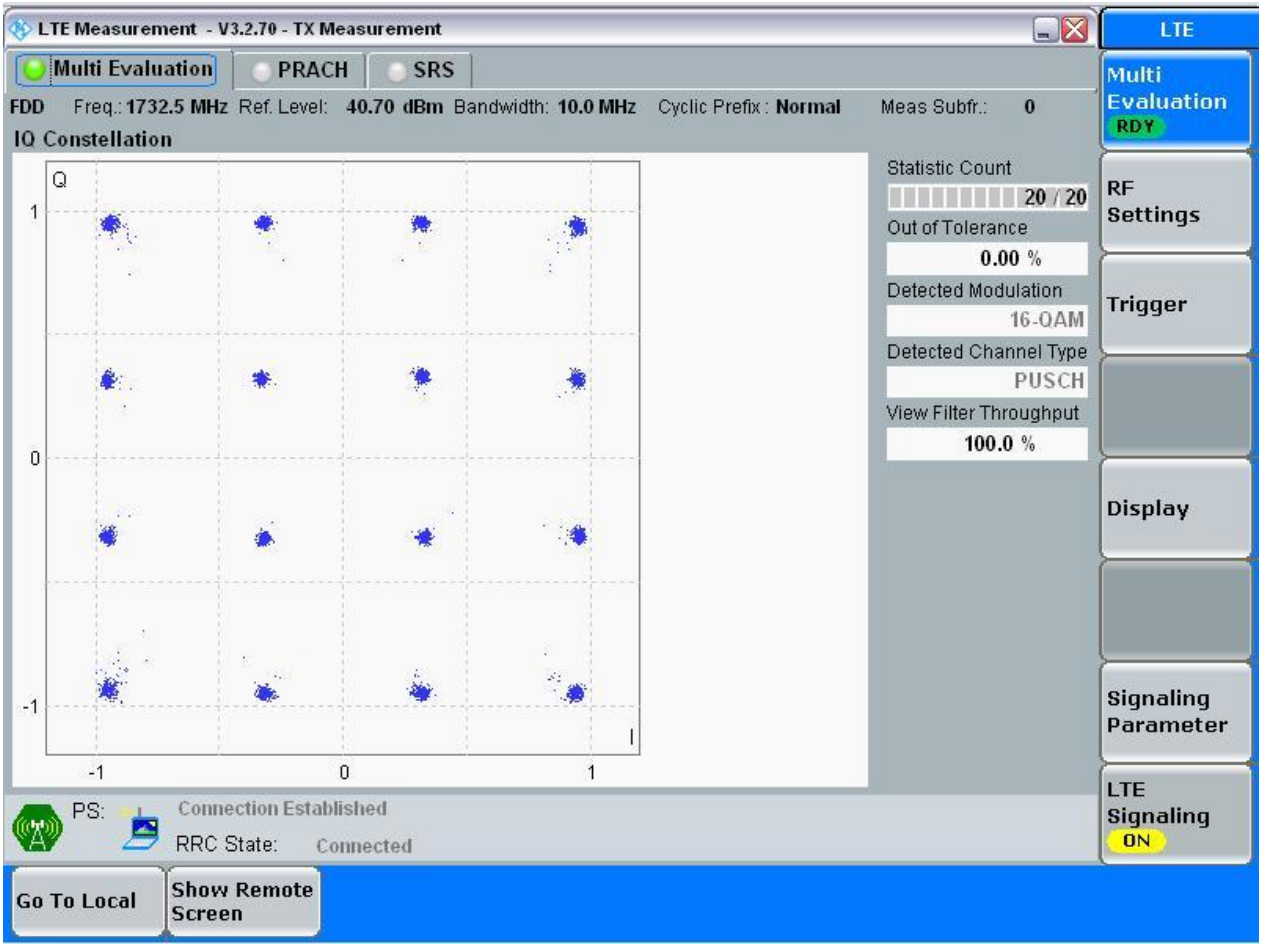
###### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

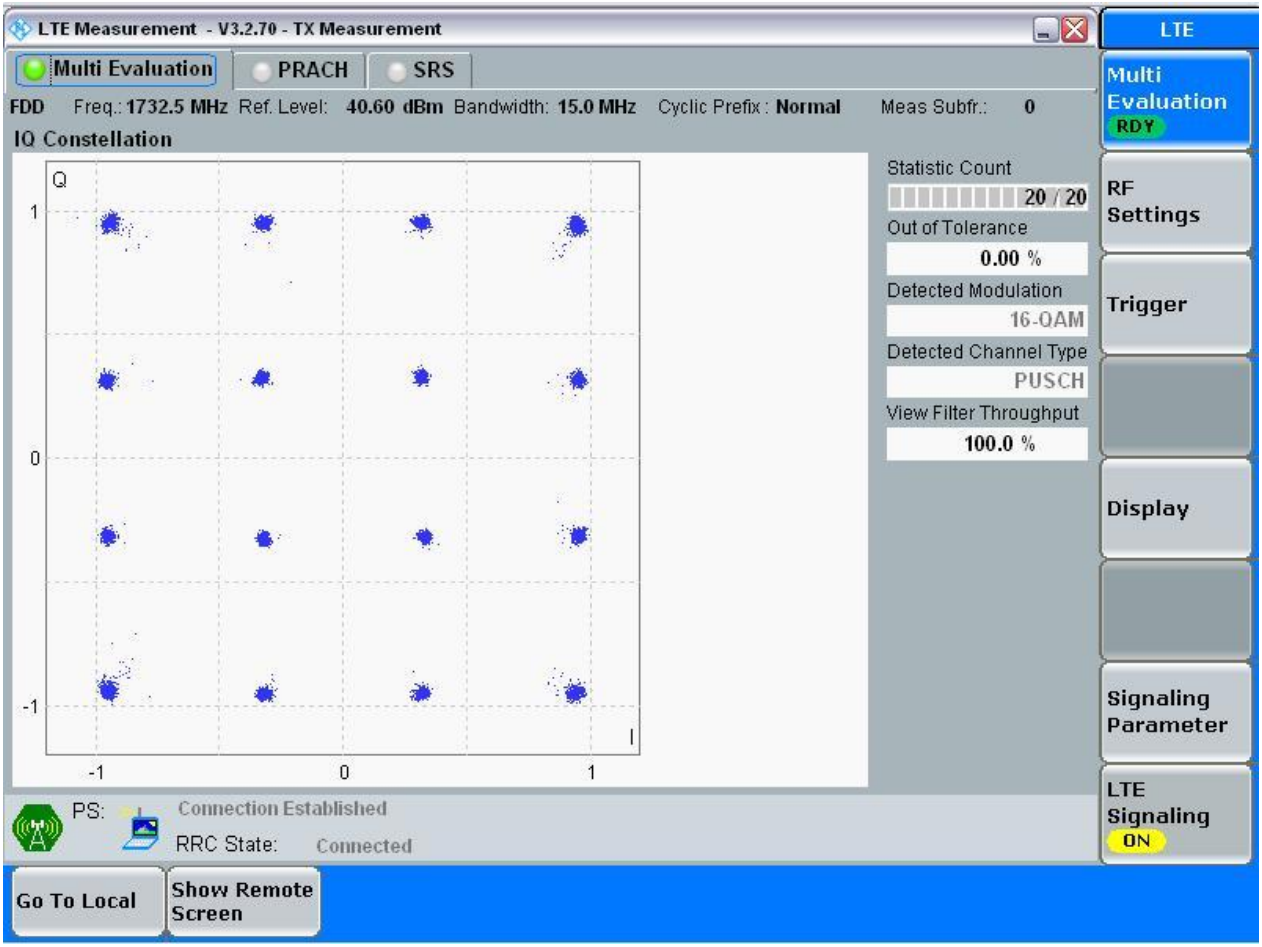
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

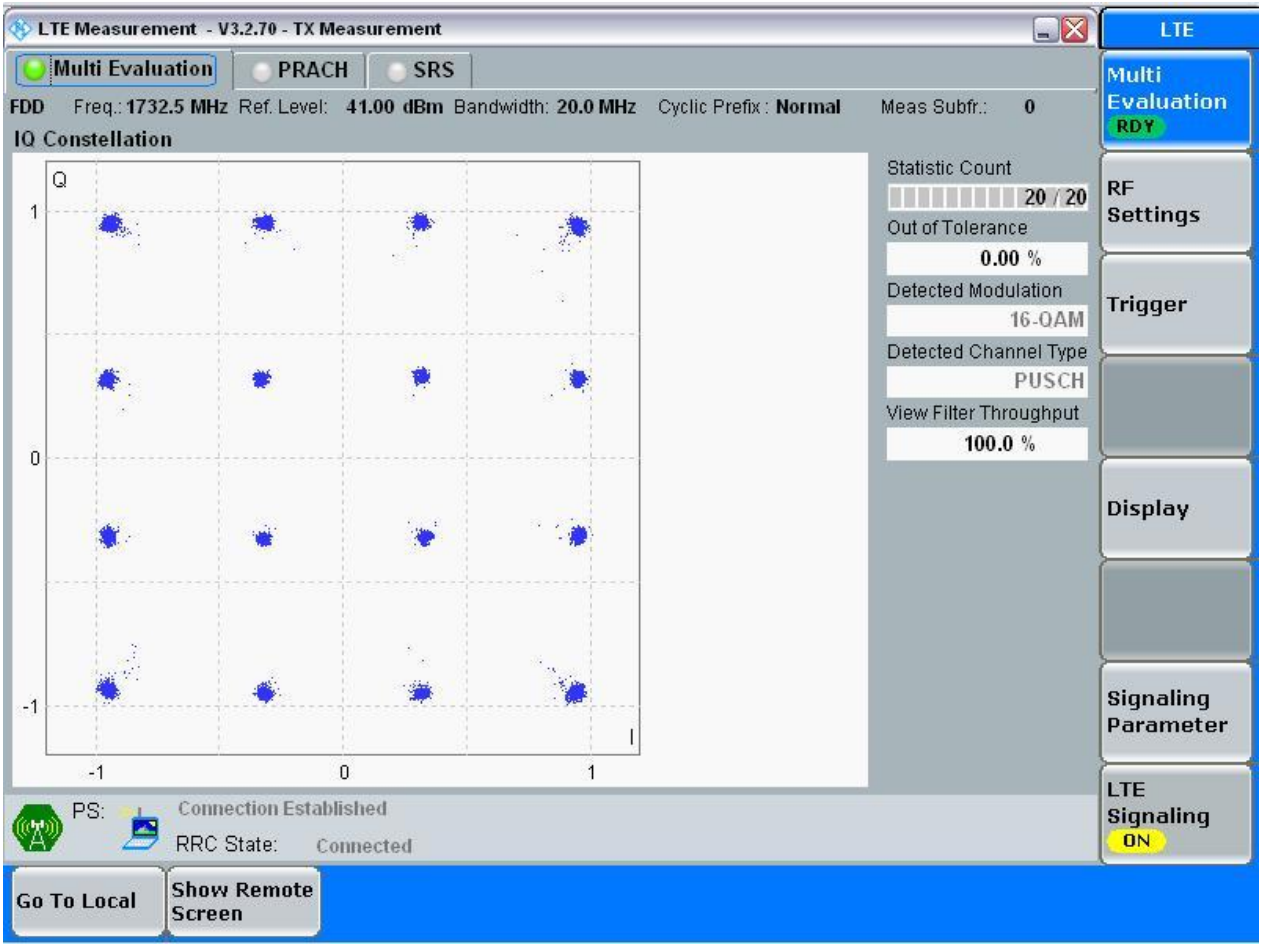
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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 | 1.09 | 1.26 | Pass |
| | | | MCH | RB6#0 | 1.09 | 1.27 | Pass |
| | | | HCH | RB6#0 | 1.09 | 1.25 | Pass |
| | | 3 | LCH | RB15#0 | 2.70 | 2.94 | Pass |
| | | | MCH | RB15#0 | 2.70 | 2.95 | Pass |
| | | | HCH | RB15#0 | 2.71 | 2.95 | Pass |
| | | 5 | LCH | RB25#0 | 4.50 | 4.86 | Pass |
| | | | MCH | RB25#0 | 4.50 | 4.88 | Pass |
| | | | HCH | RB25#0 | 4.50 | 4.87 | Pass |
| | | 10 | LCH | RB50#0 | 8.98 | 9.59 | Pass |
| | | | MCH | RB50#0 | 8.98 | 9.61 | Pass |
| | | | HCH | RB50#0 | 8.97 | 9.60 | Pass |
| | | 15 | LCH | RB75#0 | 13.46 | 14.29 | Pass |
| | | | MCH | RB75#0 | 13.44 | 14.30 | Pass |
| | | | HCH | RB75#0 | 13.44 | 14.27 | Pass |
| | | 20 | LCH | RB100#0 | 17.91 | 18.99 | Pass |
| | | | MCH | RB100#0 | 17.89 | 18.94 | Pass |
| | | | HCH | RB100#0 | 17.92 | 18.98 | Pass |
| | LTE/TM2 | 1.4 | LCH | RB6#0 | 1.09 | 1.27 | Pass |
| | | | MCH | RB6#0 | 1.09 | 1.28 | Pass |
| | | | HCH | RB6#0 | 1.09 | 1.26 | Pass |
| | | 3 | LCH | RB15#0 | 2.70 | 2.95 | Pass |
| | | | MCH | RB15#0 | 2.70 | 2.95 | Pass |
| | | | HCH | RB15#0 | 2.71 | 2.96 | Pass |
| | | 5 | LCH | RB25#0 | 4.50 | 4.88 | Pass |
| | | | MCH | RB25#0 | 4.50 | 4.85 | Pass |
| | | | HCH | RB25#0 | 4.50 | 4.92 | Pass |
| | | 10 | LCH | RB50#0 | 8.97 | 9.59 | Pass |
| | | | MCH | RB50#0 | 8.96 | 9.56 | Pass |
| | | | HCH | RB50#0 | 8.98 | 9.55 | Pass |
| | | 15 | LCH | RB75#0 | 13.46 | 14.24 | Pass |
| | | | MCH | RB75#0 | 13.44 | 14.26 | Pass |

| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| | | | HCH | RB75#0 | 13.44 | 14.27 | Pass |
| | | 20 | LCH | RB100#0 | 17.92 | 18.95 | Pass |
| | | | MCH | RB100#0 | 17.89 | 18.94 | Pass |
| | | | HCH | RB100#0 | 17.91 | 18.95 | Pass |

**Part II - Test Plots**

**4.1 For LTE**

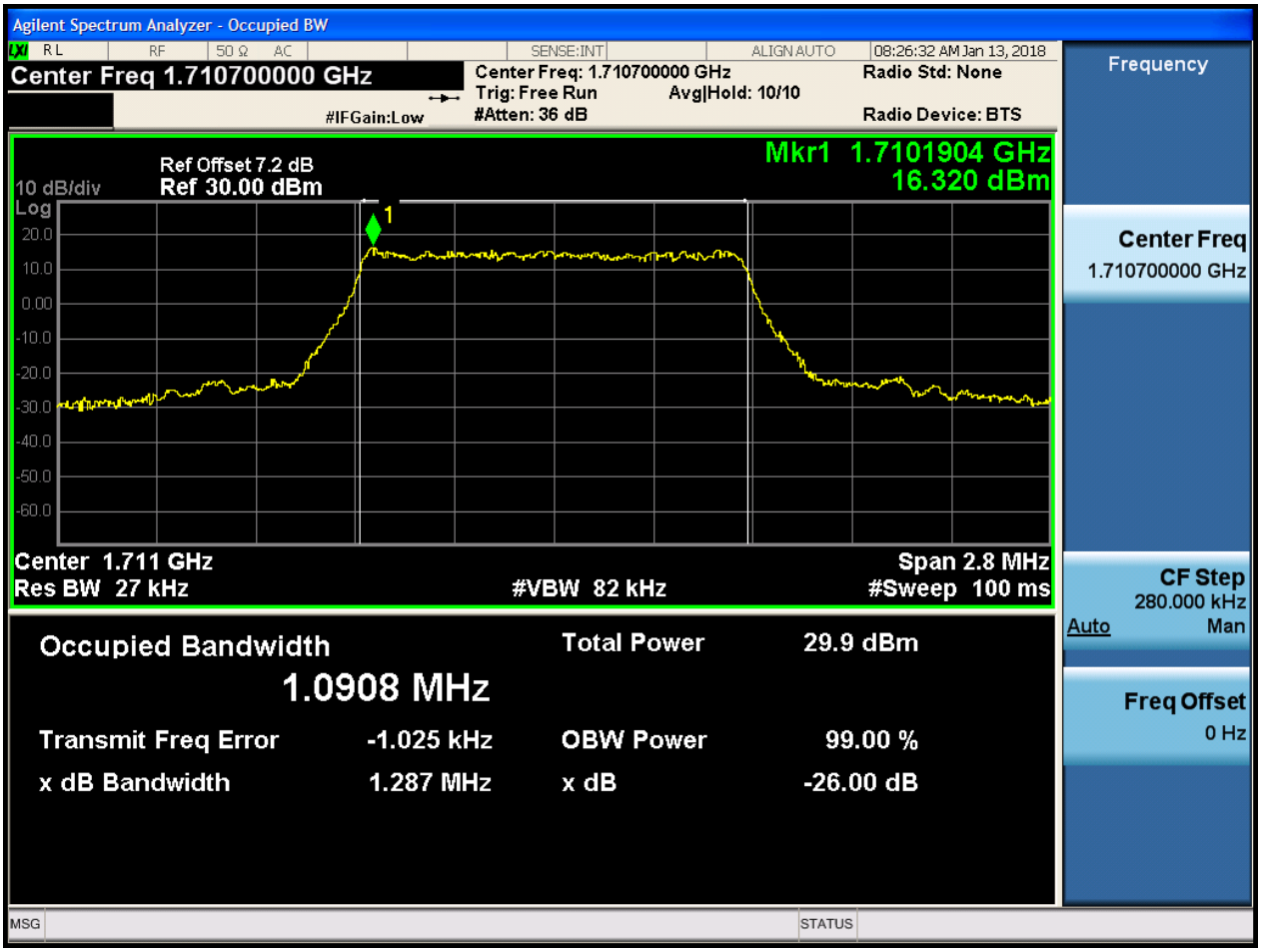
**4.1.1 Test Band = BAND4**

**4.1.1.1 Test Mode = LTE/TM1**

**4.1.1.1.1 Test Bandwidth = 1.4**

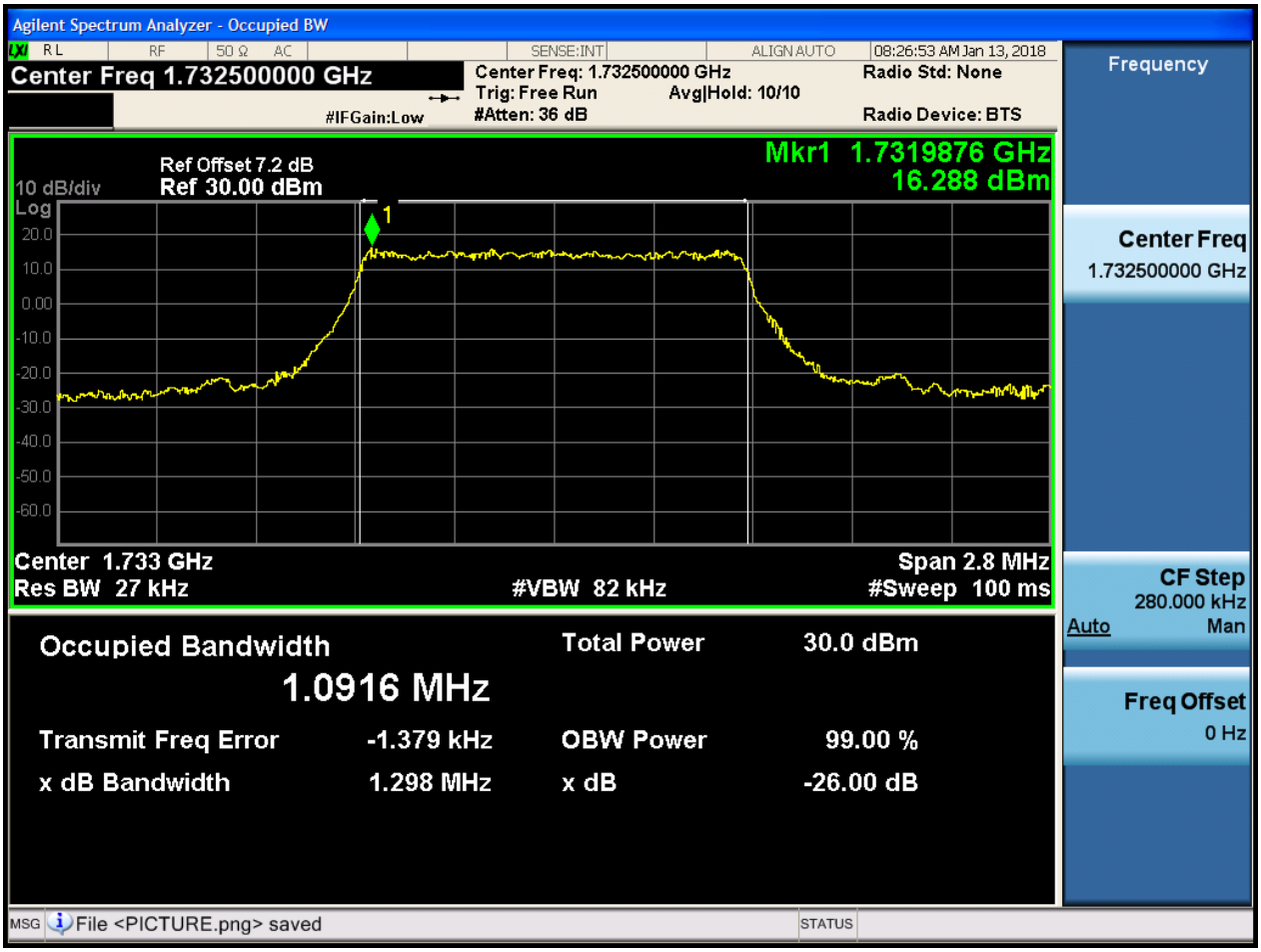
**4.1.1.1.1.1 Test Channel = LCH**

**4.1.1.1.1.1.1 Test RB = RB6#0**



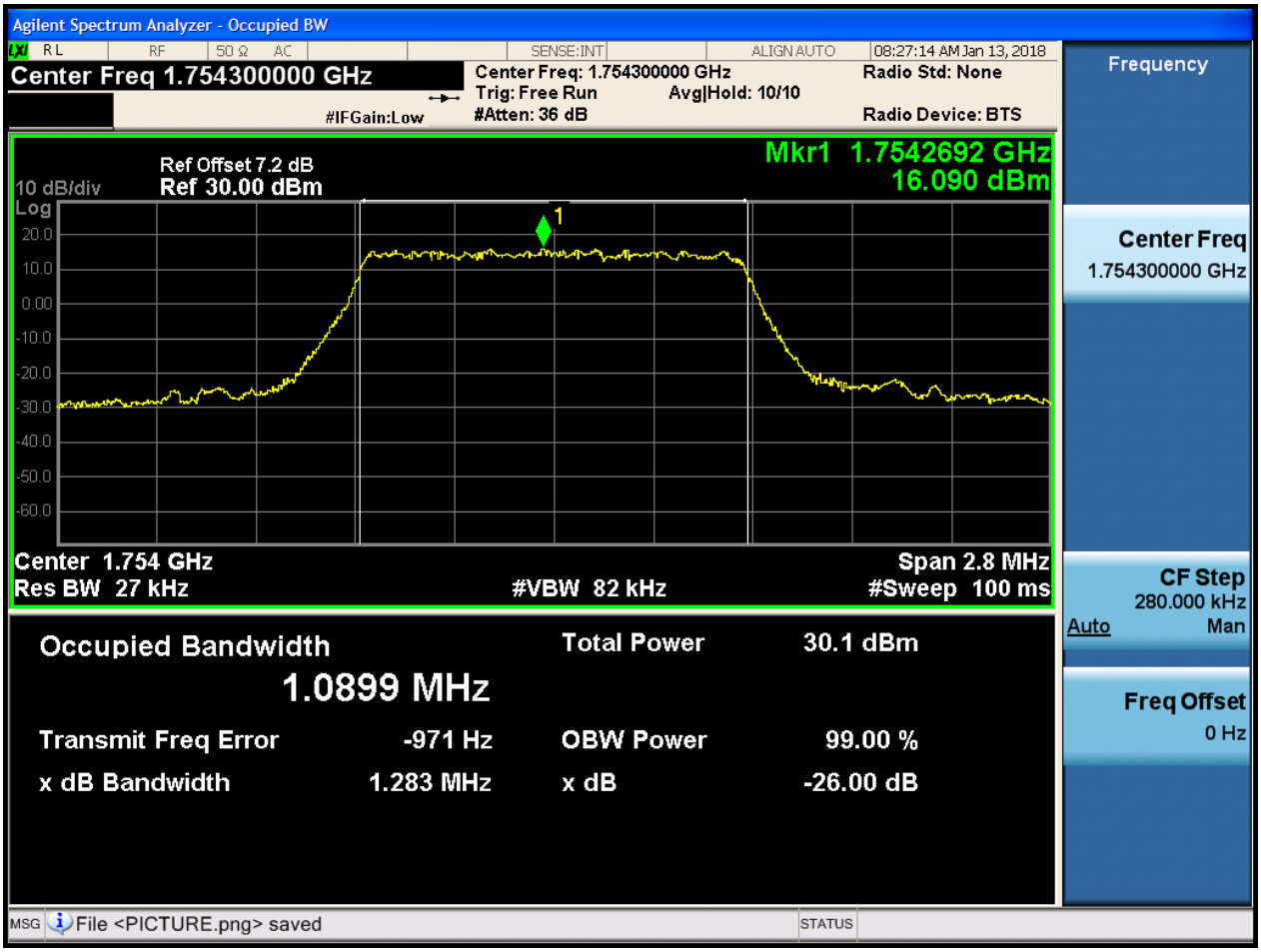
#### 4.1.1.1.1.2 Test Channel = MCH

##### 4.1.1.1.1.2.1 Test RB = RB6#0



#### 4.1.1.1.1.3 Test Channel = HCH

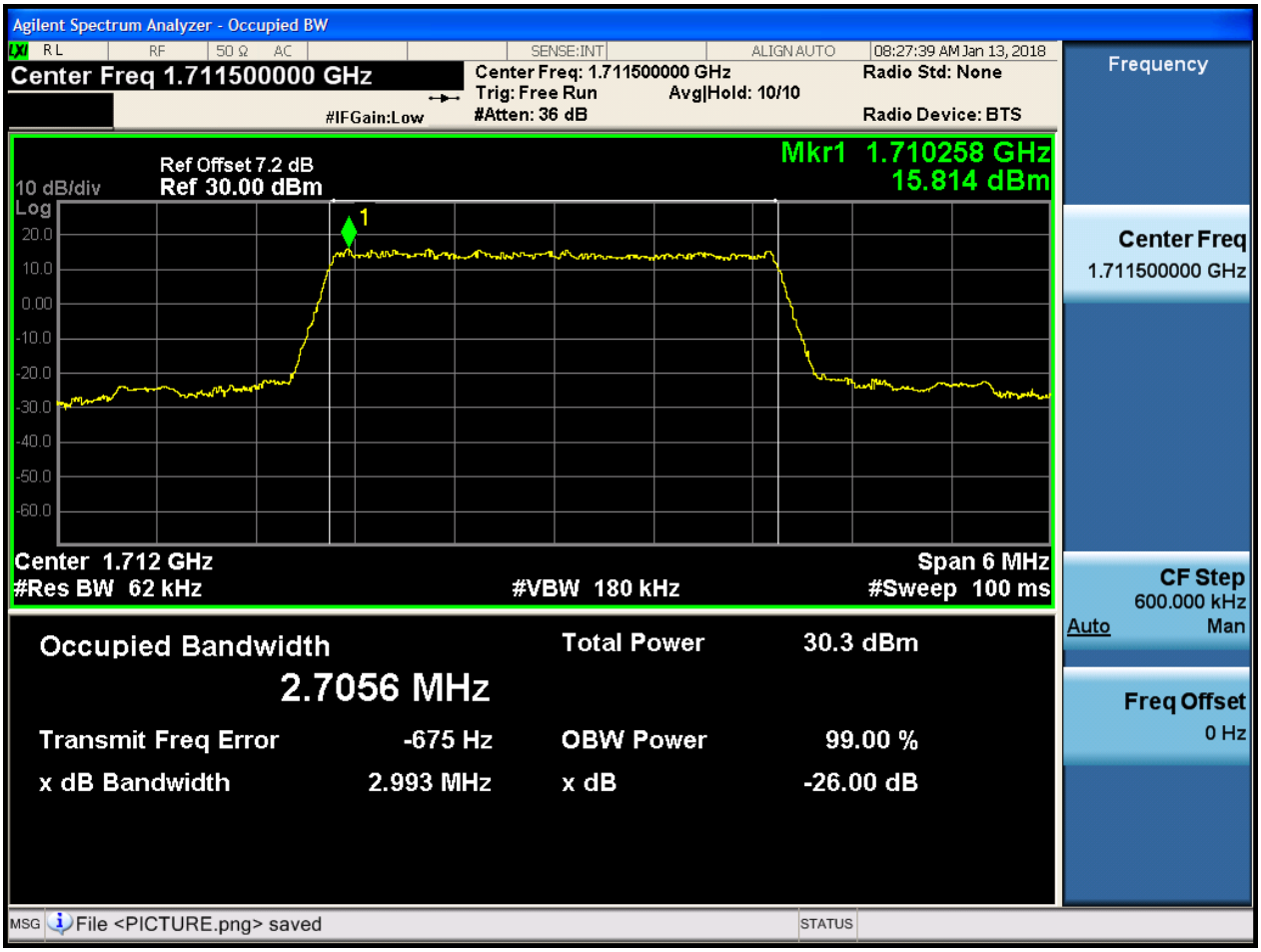
##### 4.1.1.1.1.3.1 Test RB = RB6#0



#### 4.1.1.1.2 Test Bandwidth = 3

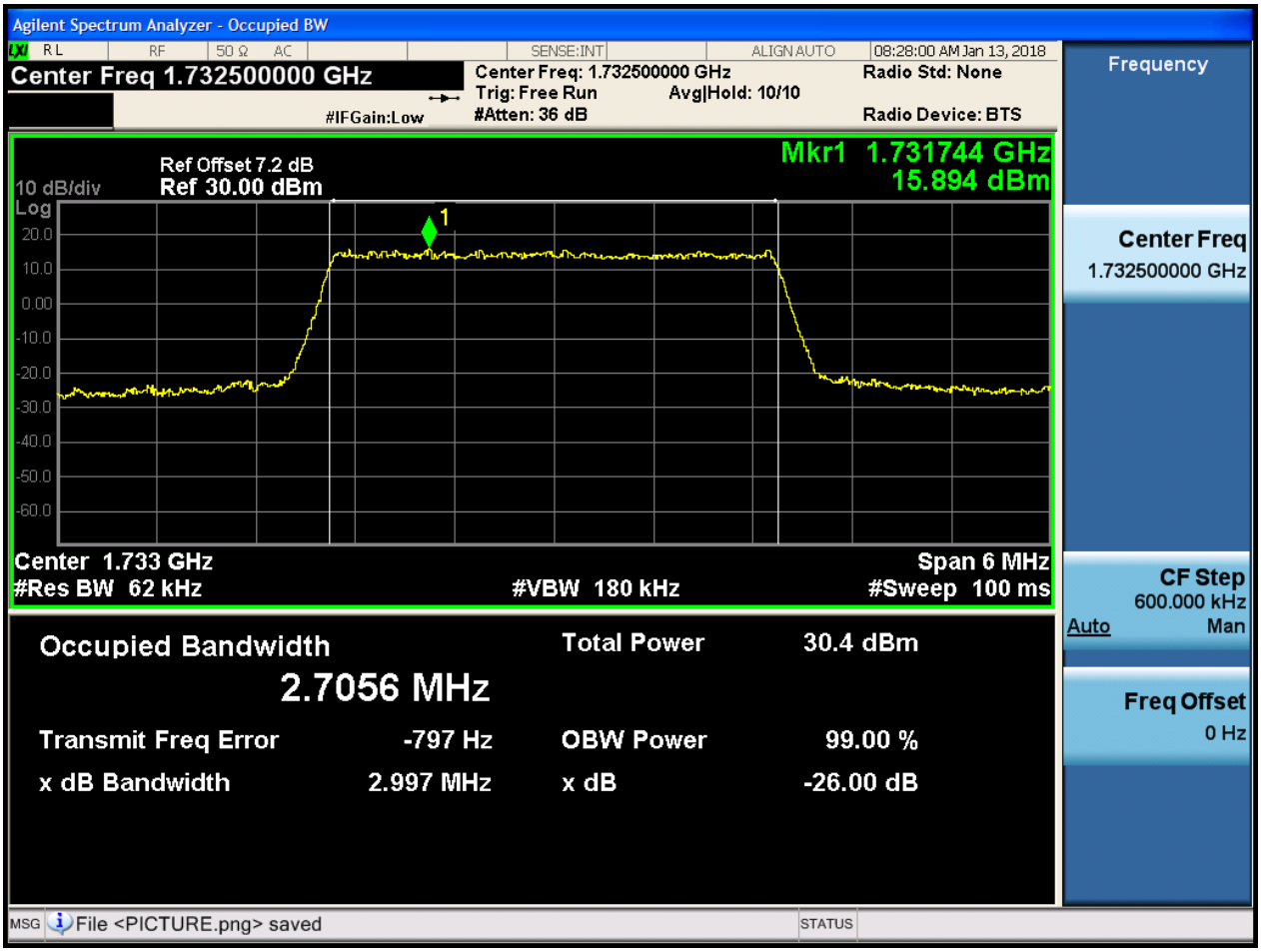
##### 4.1.1.1.2.1 Test Channel = LCH

###### 4.1.1.1.2.1.1 Test RB = RB15#0



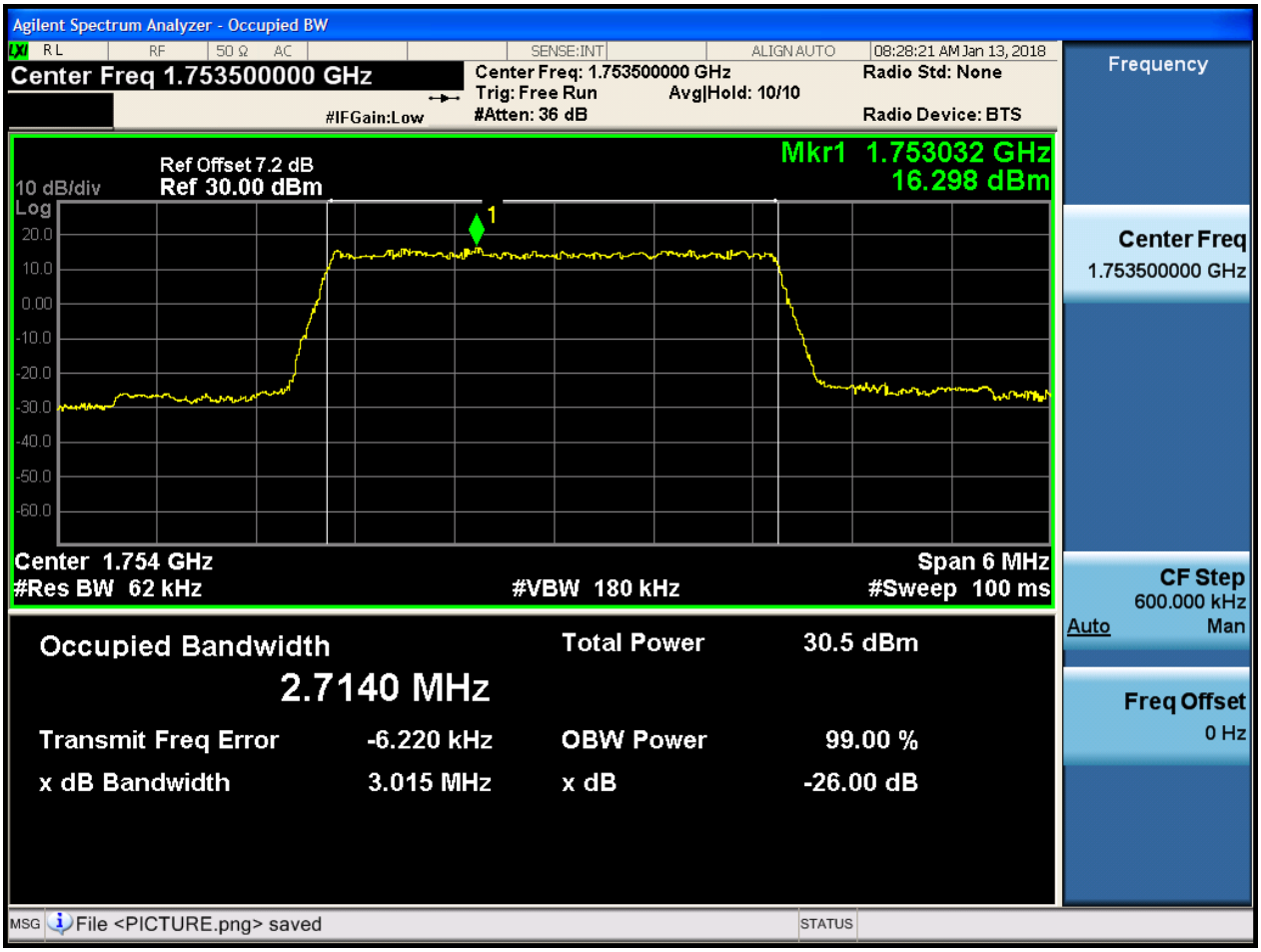
#### 4.1.1.1.2.2 Test Channel = MCH

##### 4.1.1.1.2.2.1 Test RB = RB15#0



#### 4.1.1.1.2.3 Test Channel = HCH

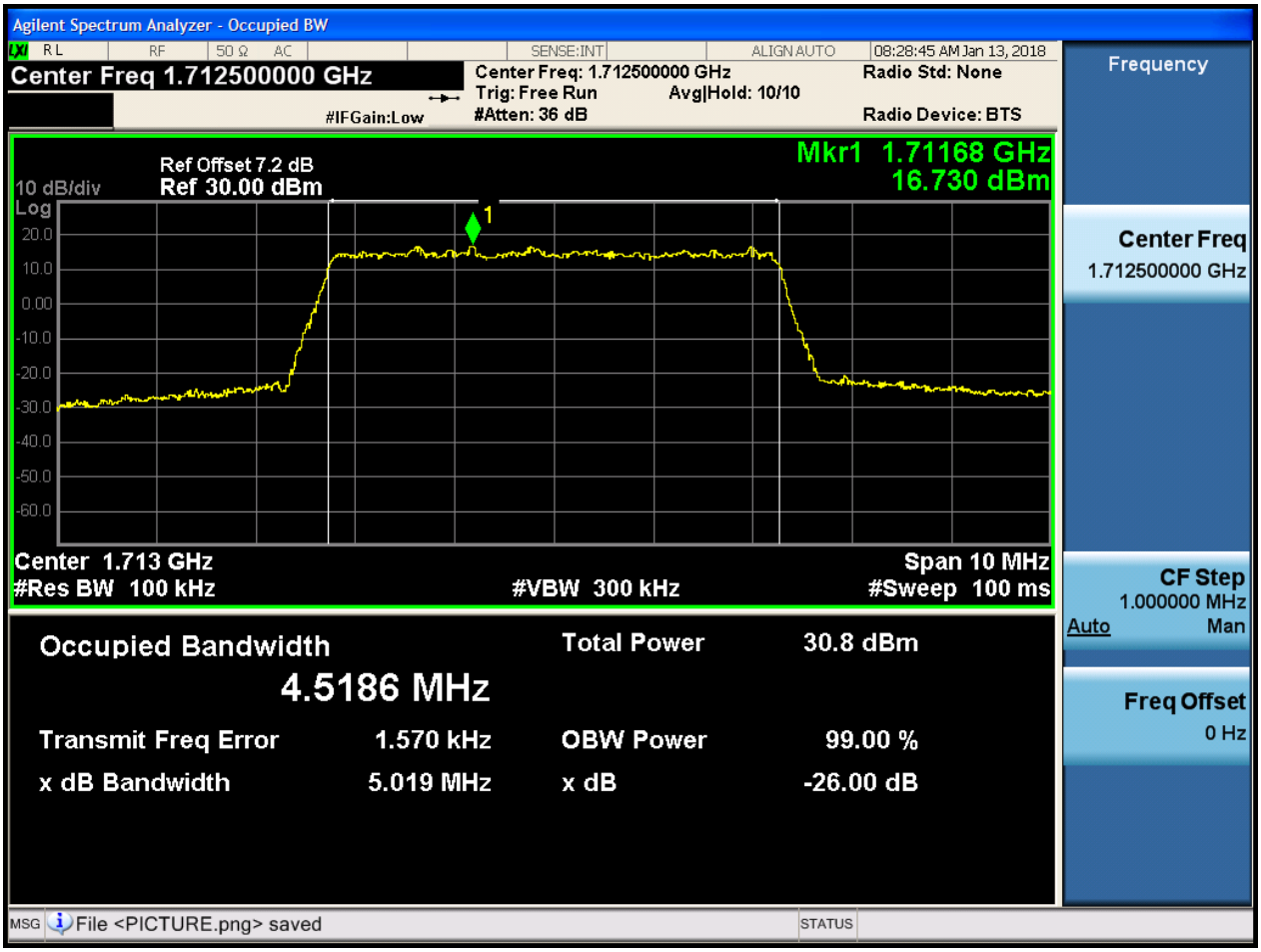
##### 4.1.1.1.2.3.1 Test RB = RB15#0



#### 4.1.1.1.3 Test Bandwidth = 5

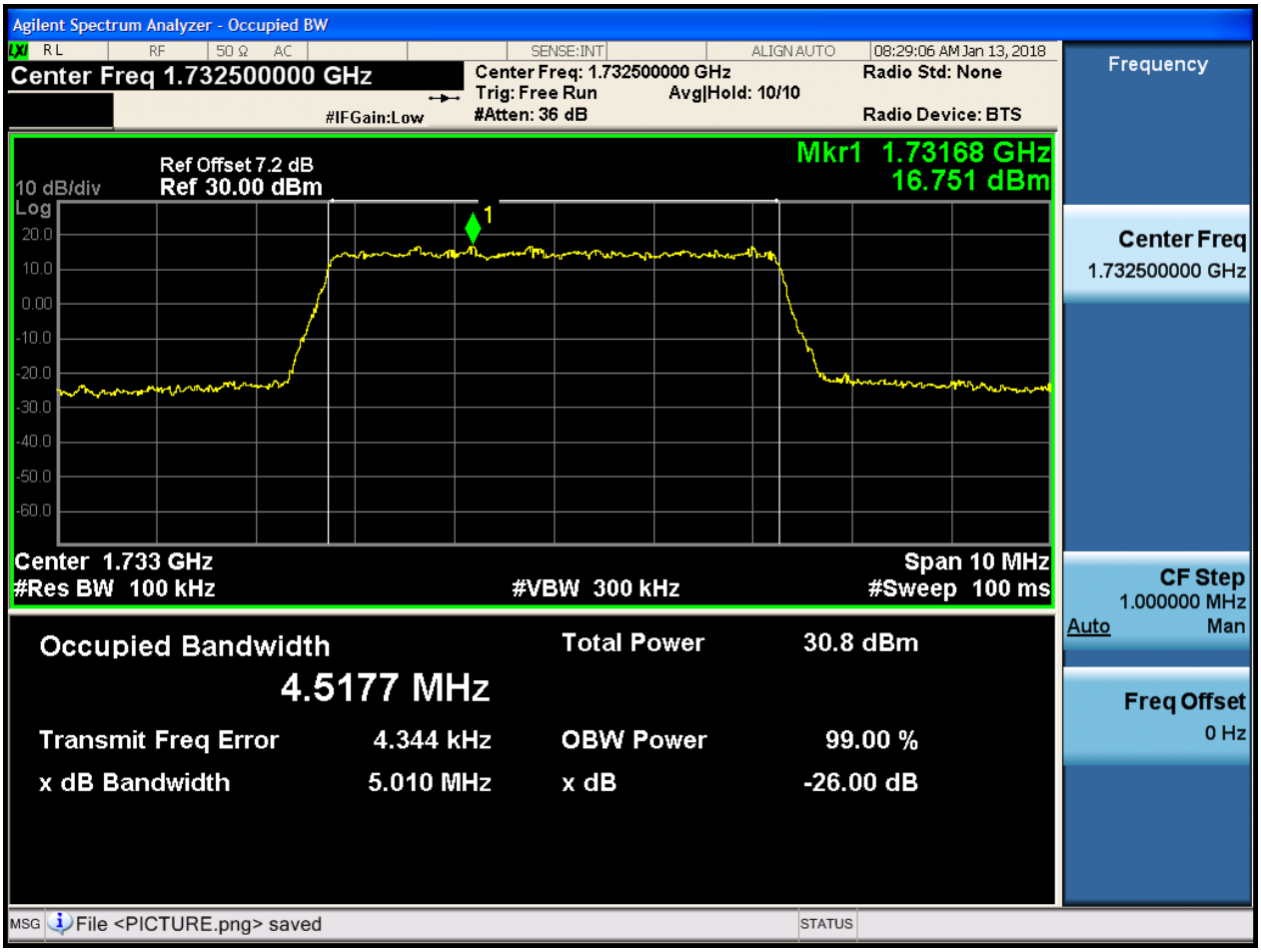
##### 4.1.1.1.3.1 Test Channel = LCH

###### 4.1.1.1.3.1.1 Test RB = RB25#0



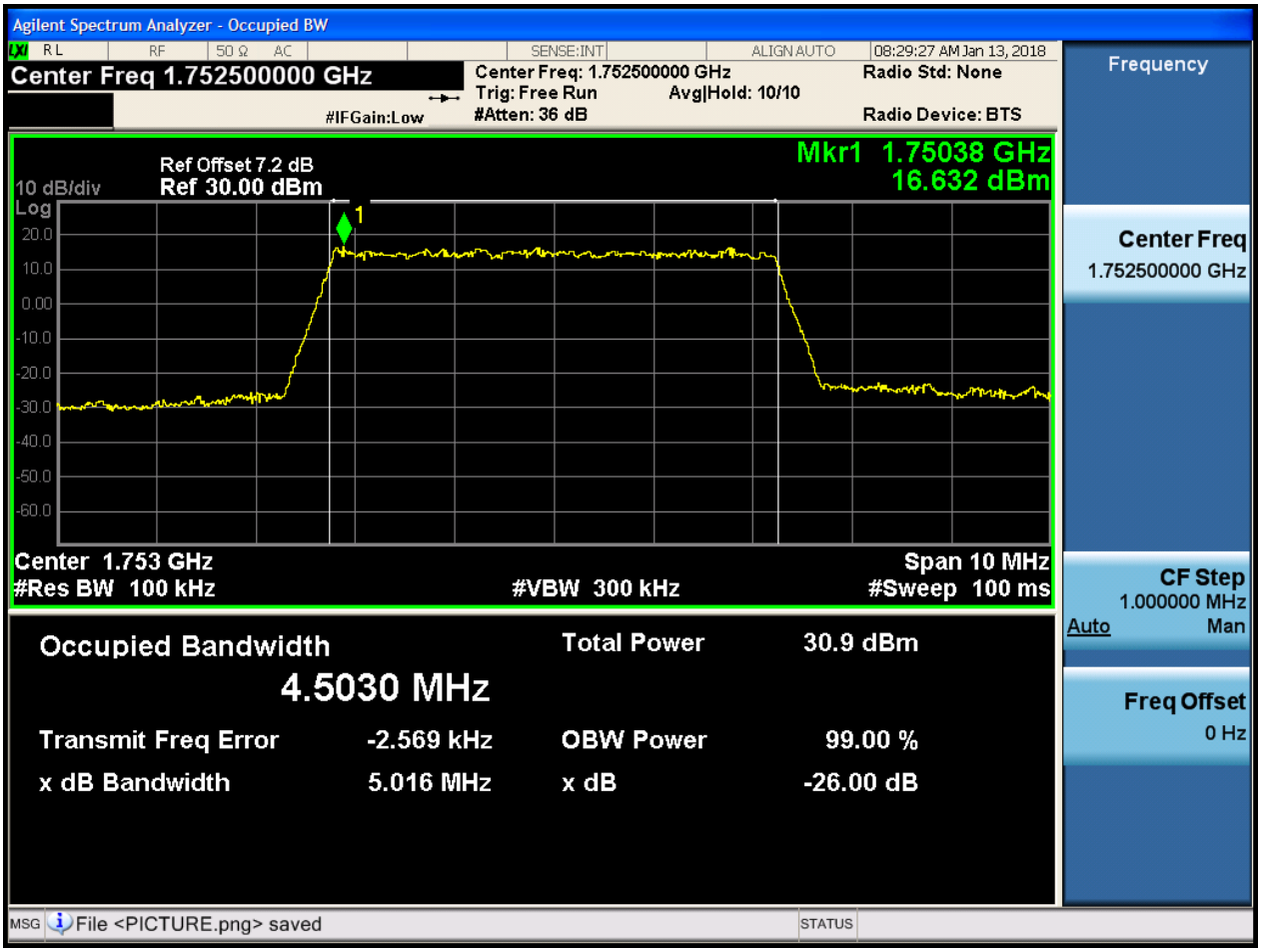
#### 4.1.1.1.3.2 Test Channel = MCH

##### 4.1.1.1.3.2.1 Test RB = RB25#0



#### 4.1.1.1.3.3 Test Channel = HCH

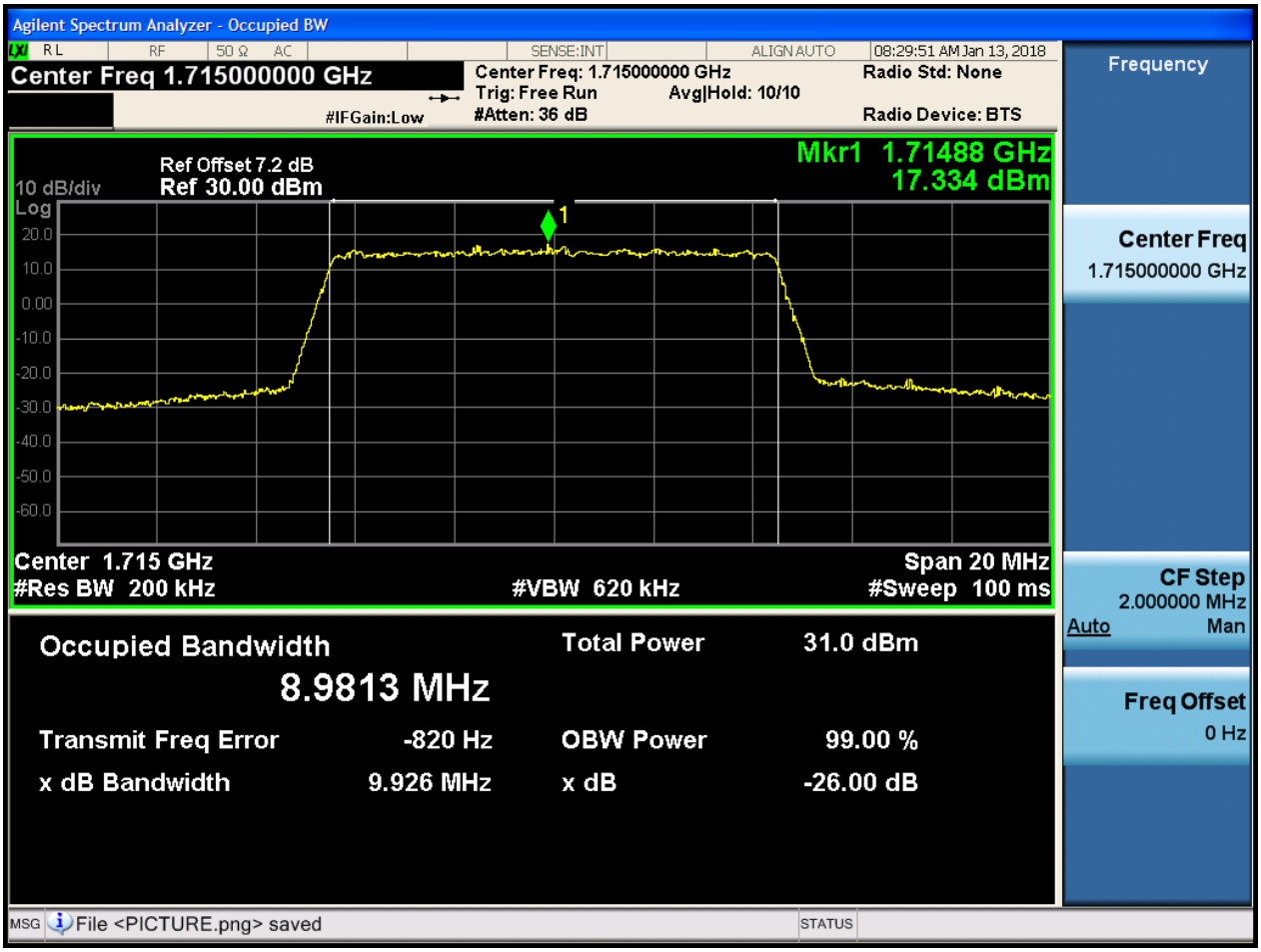
##### 4.1.1.1.3.3.1 Test RB = RB25#0



#### 4.1.1.1.4 Test Bandwidth = 10

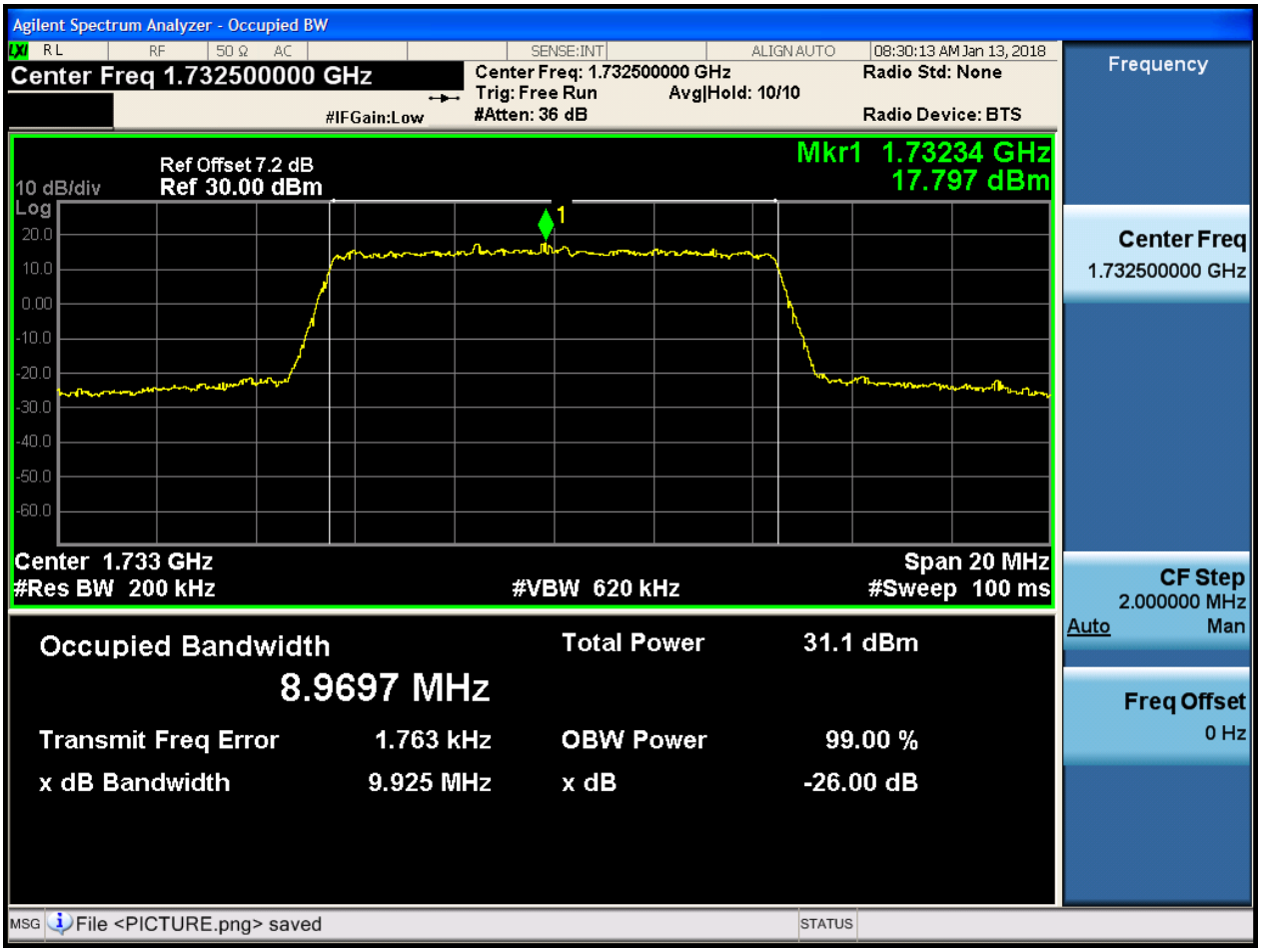
##### 4.1.1.1.4.1 Test Channel = LCH

###### 4.1.1.1.4.1.1 Test RB = RB50#0



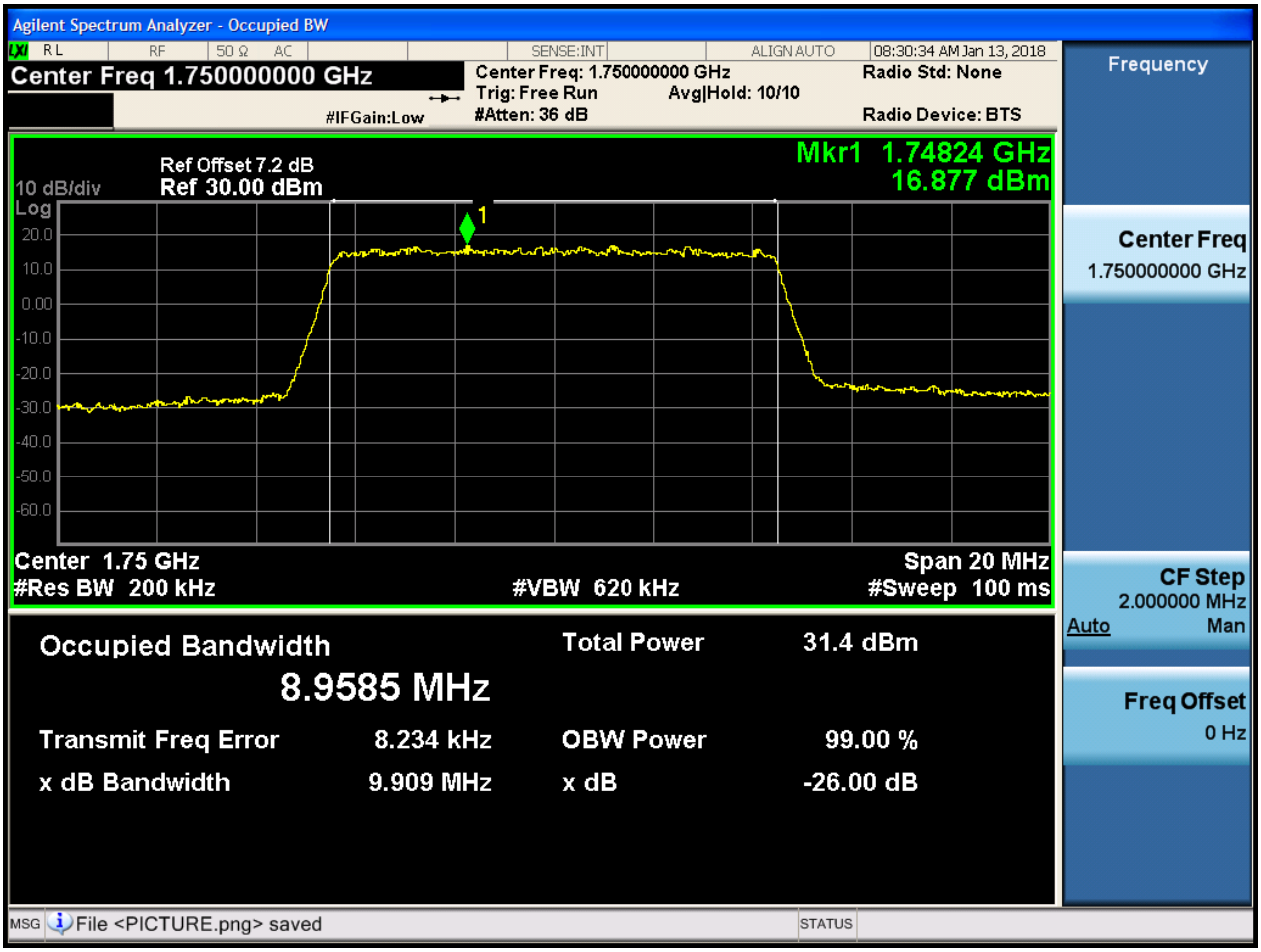
#### 4.1.1.1.4.2 Test Channel = MCH

##### 4.1.1.1.4.2.1 Test RB = RB50#0



#### 4.1.1.1.4.3 Test Channel = HCH

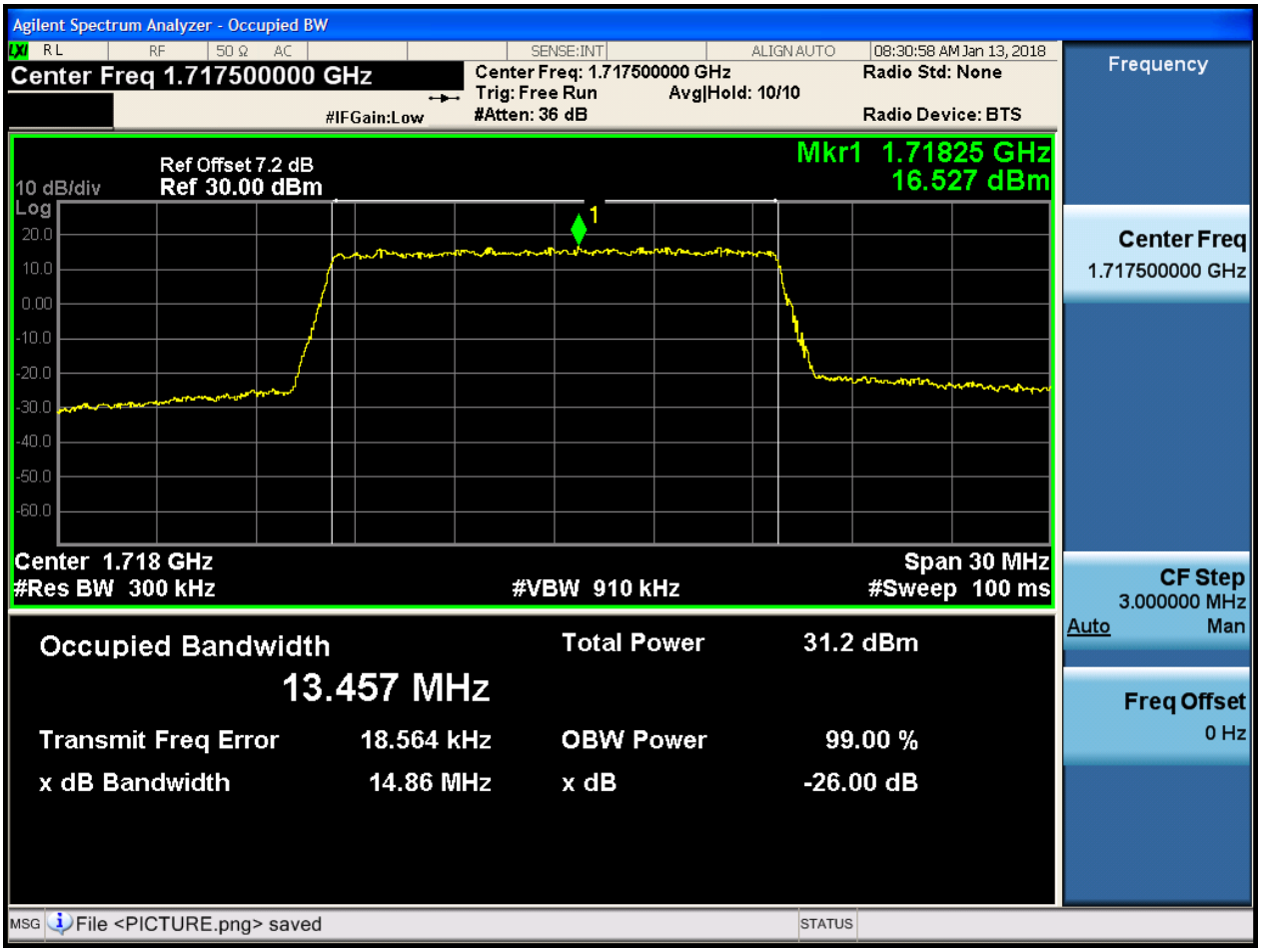
#### 4.1.1.1.4.3.1 Test RB = RB50#0



#### 4.1.1.1.5 Test Bandwidth = 15

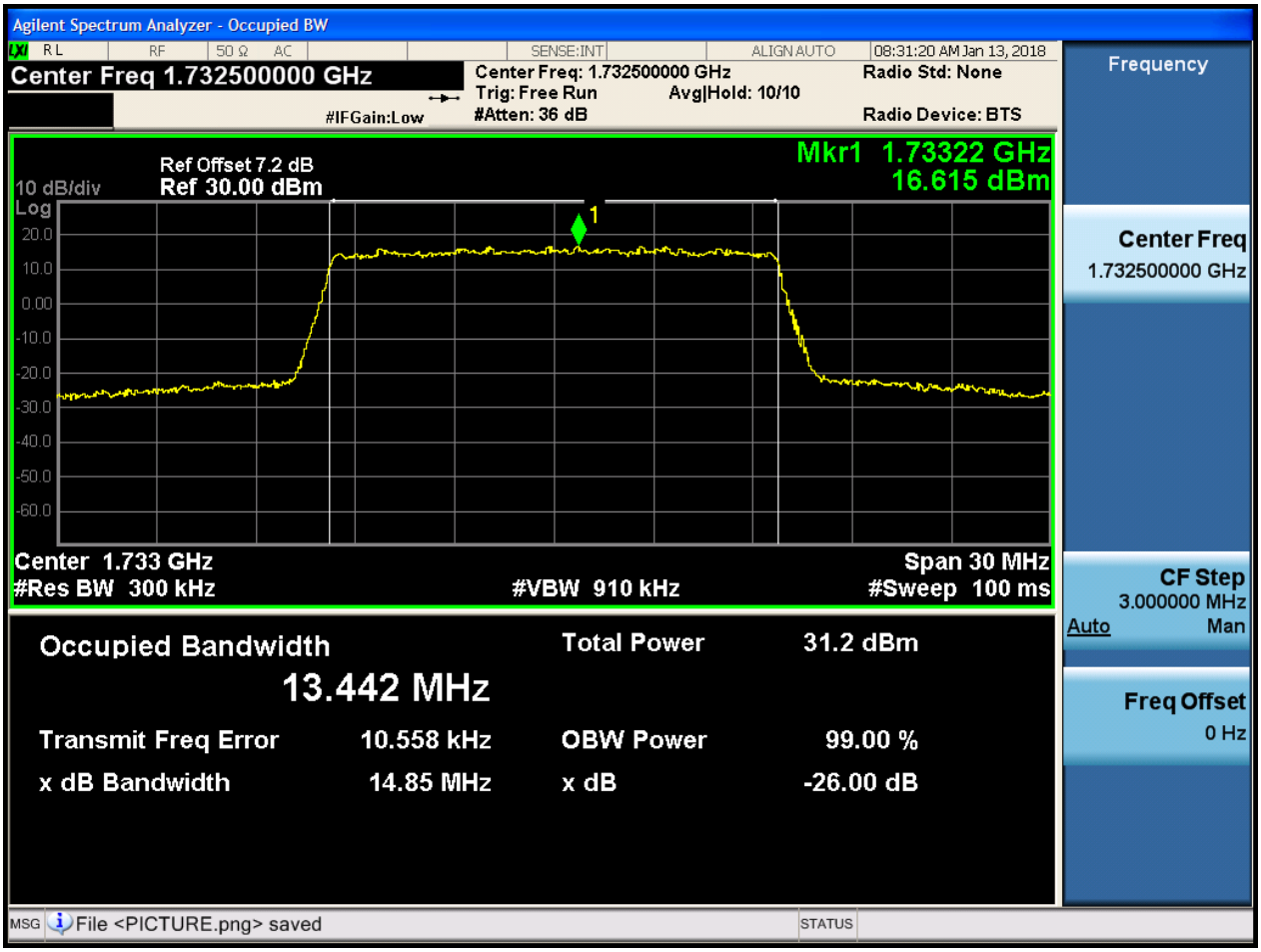
##### 4.1.1.1.5.1 Test Channel = LCH

###### 4.1.1.1.5.1.1 Test RB = RB75#0



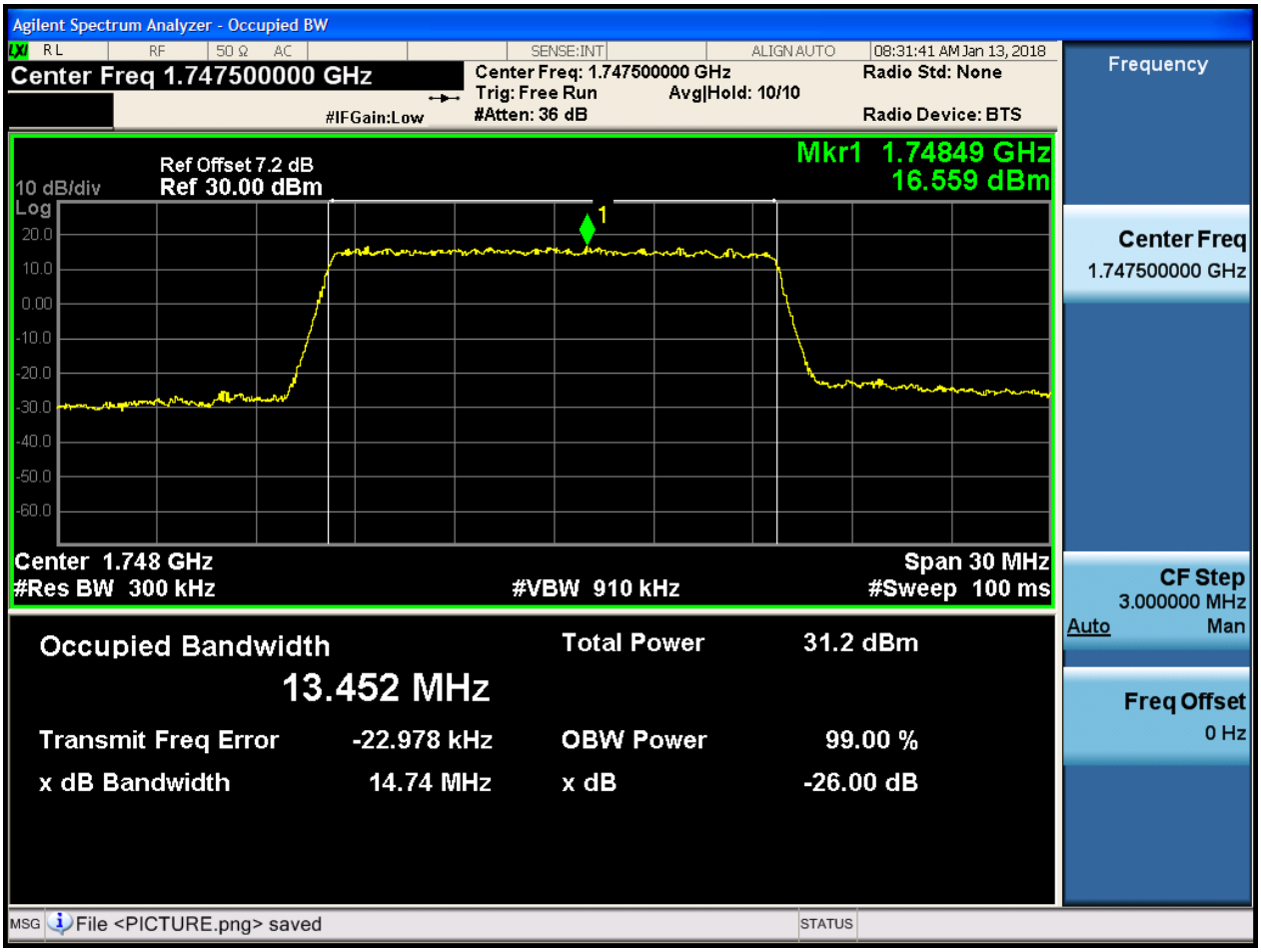
#### 4.1.1.1.5.2 Test Channel = MCH

##### 4.1.1.1.5.2.1 Test RB = RB75#0



#### 4.1.1.1.5.3 Test Channel = HCH

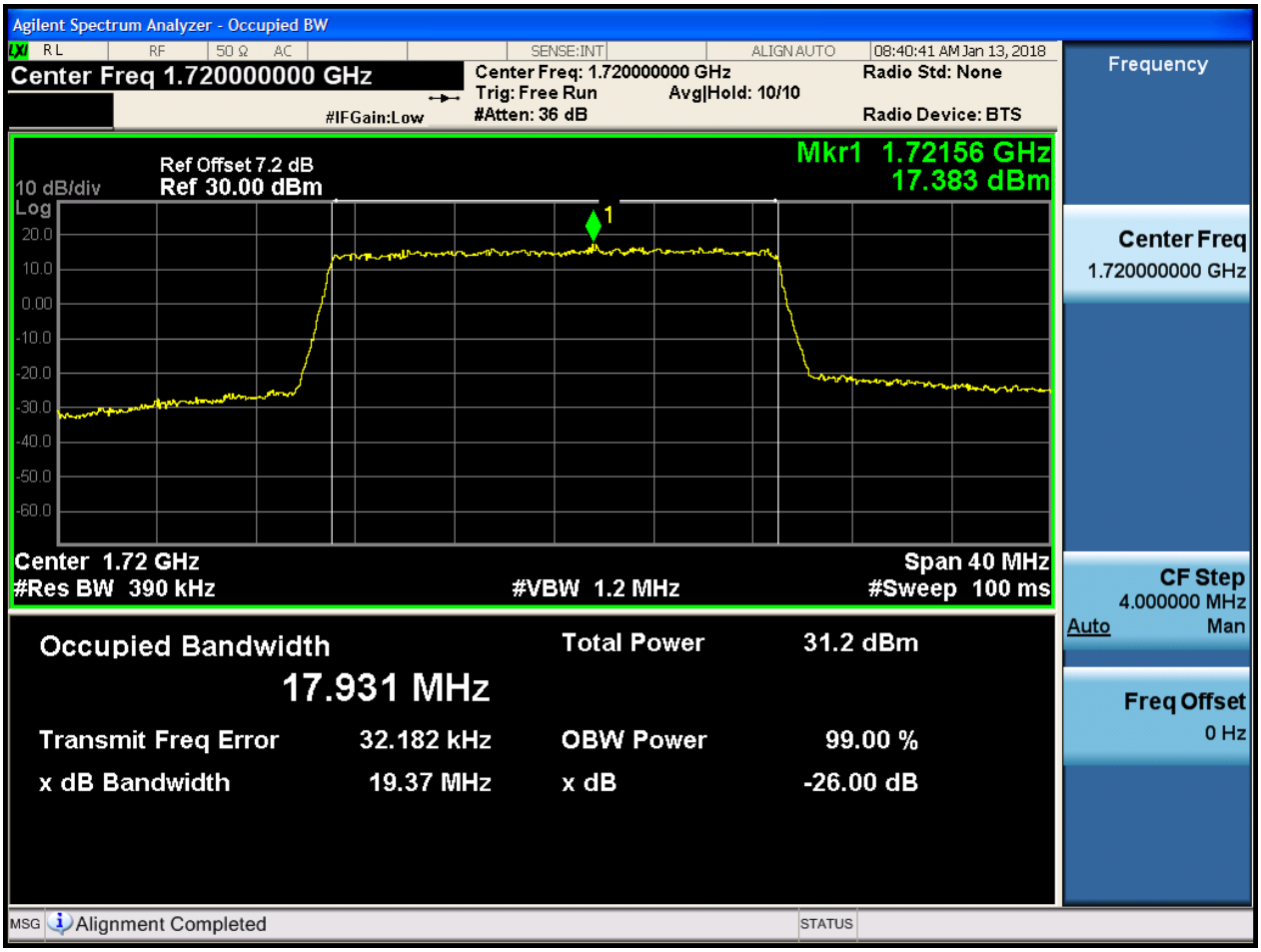
##### 4.1.1.1.5.3.1 Test RB = RB75#0



#### 4.1.1.1.6 Test Bandwidth = 20

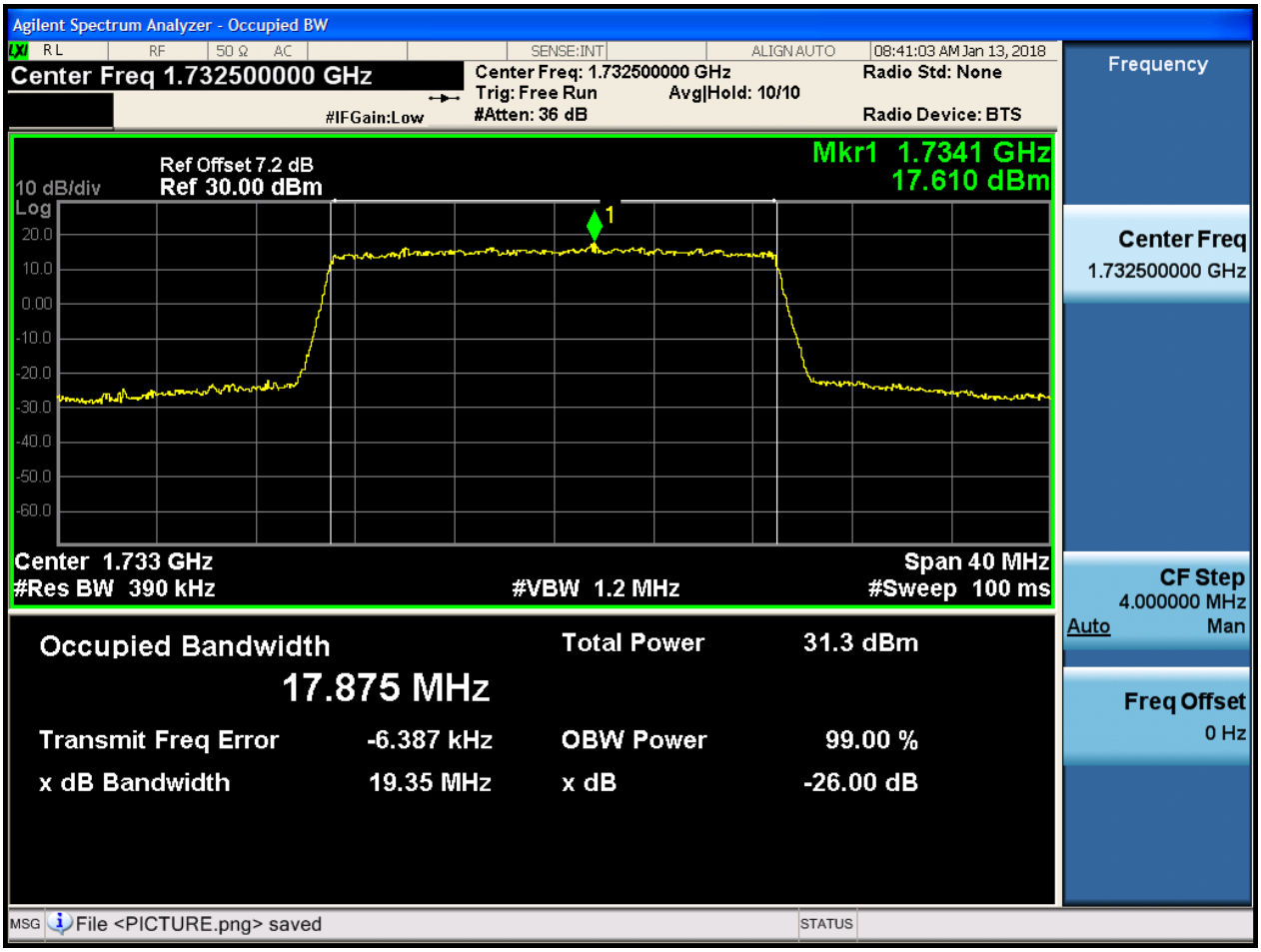
##### 4.1.1.1.6.1 Test Channel = LCH

###### 4.1.1.1.6.1.1 Test RB = RB100#0



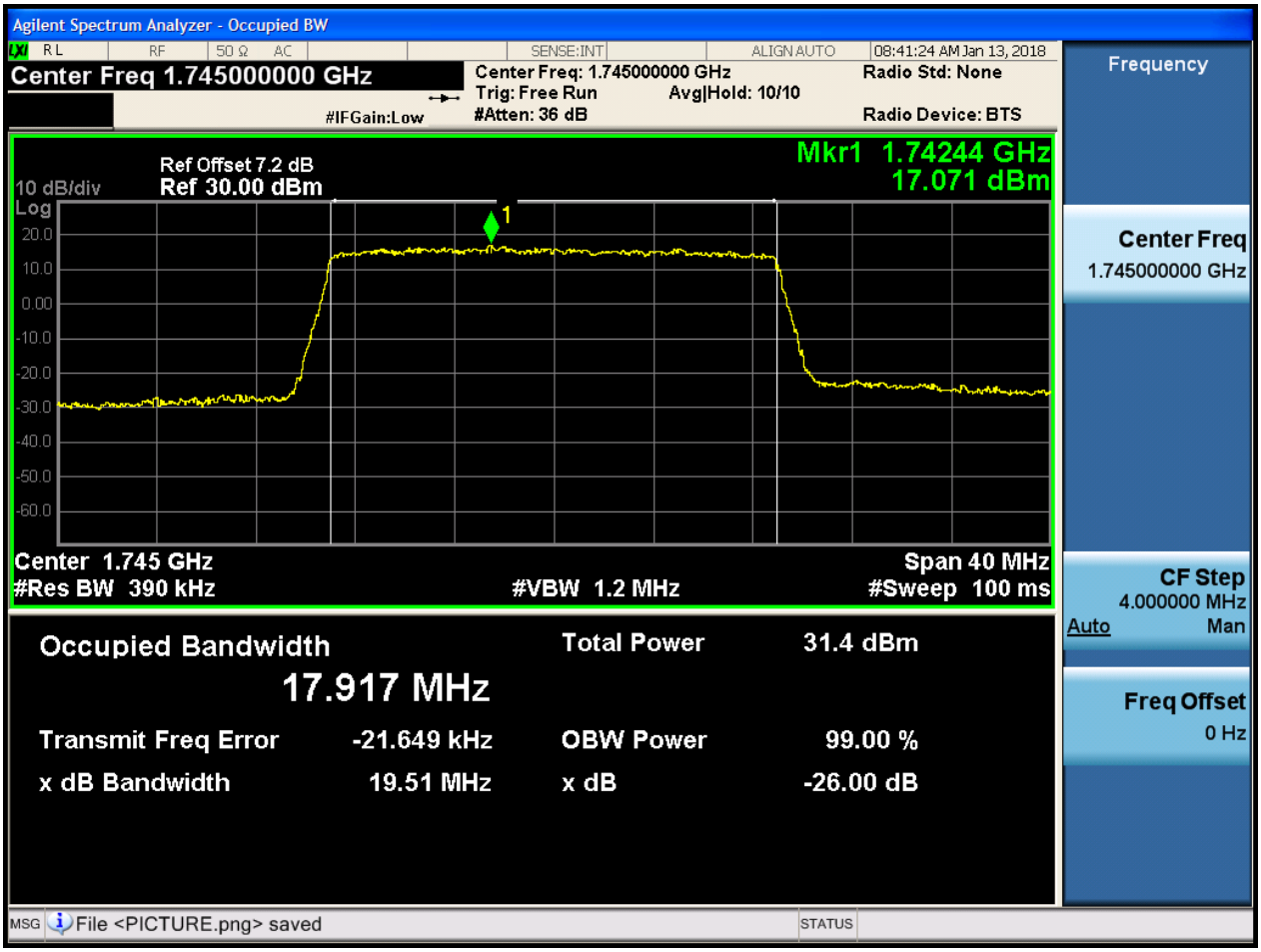
#### 4.1.1.1.6.2 Test Channel = MCH

##### 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

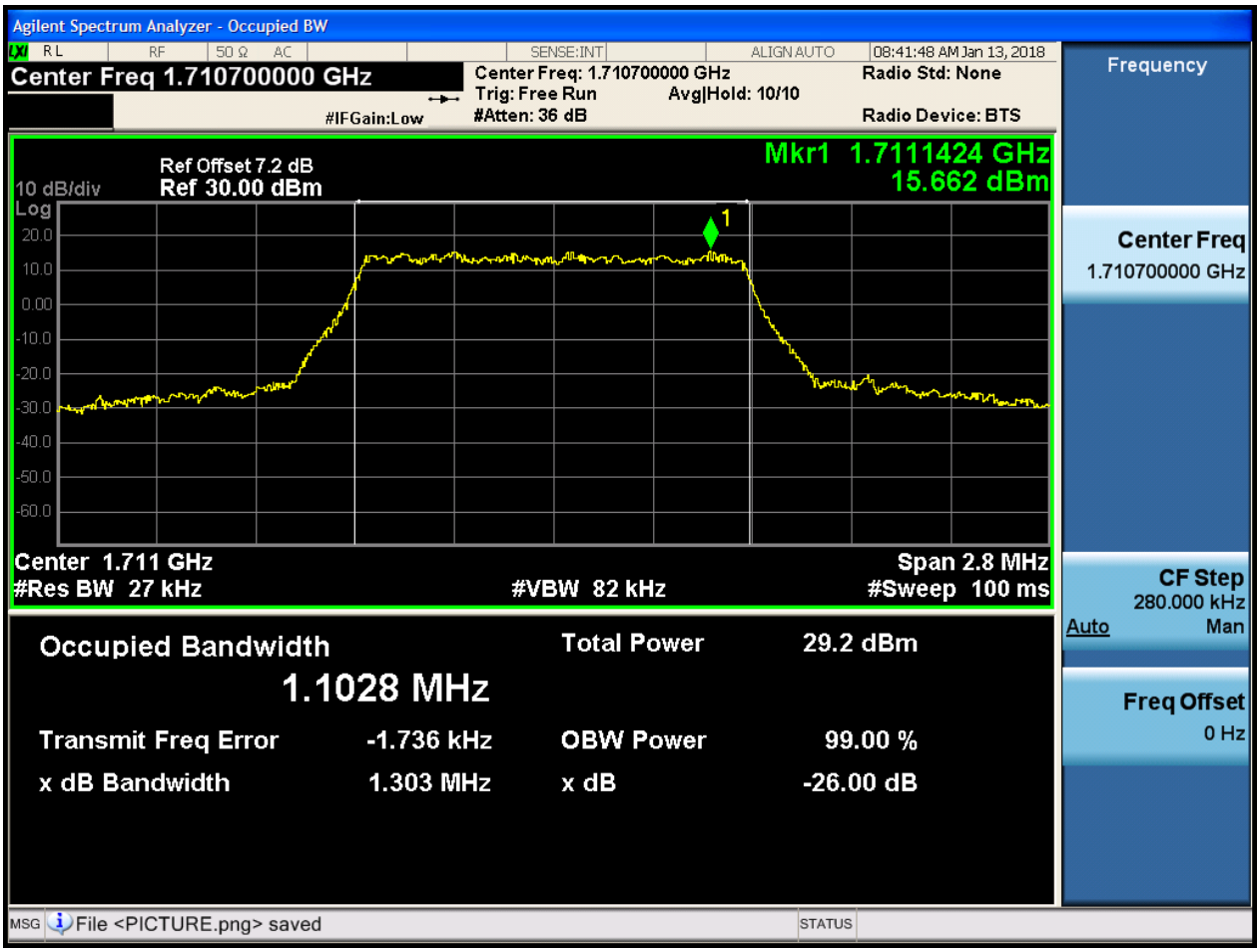


#### 4.1.1.2 Test Mode = LTE/TM2

##### 4.1.1.2.1 Test Bandwidth = 1.4

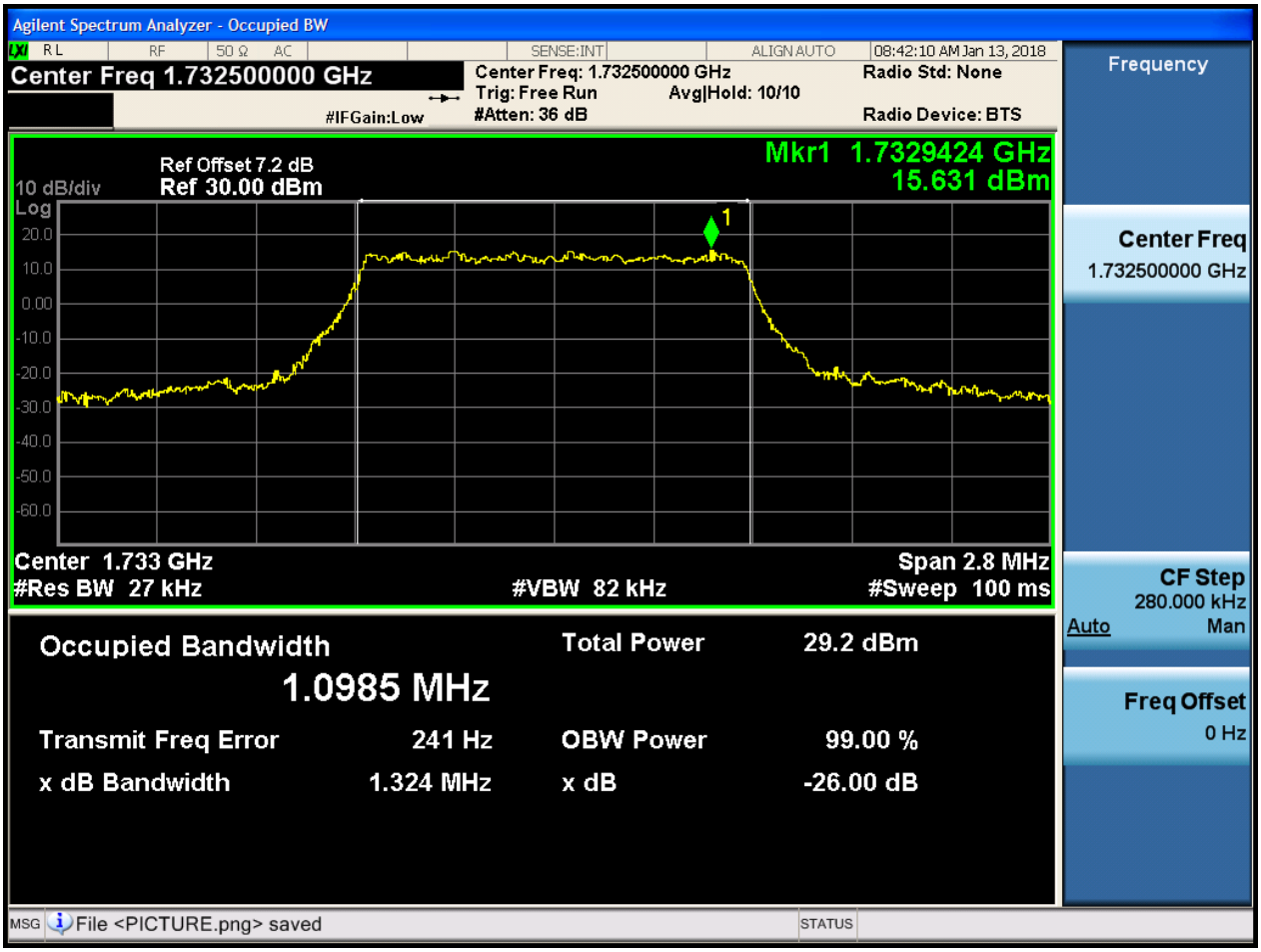
###### 4.1.1.2.1.1 Test Channel = LCH

####### 4.1.1.2.1.1.1 Test RB = RB6#0



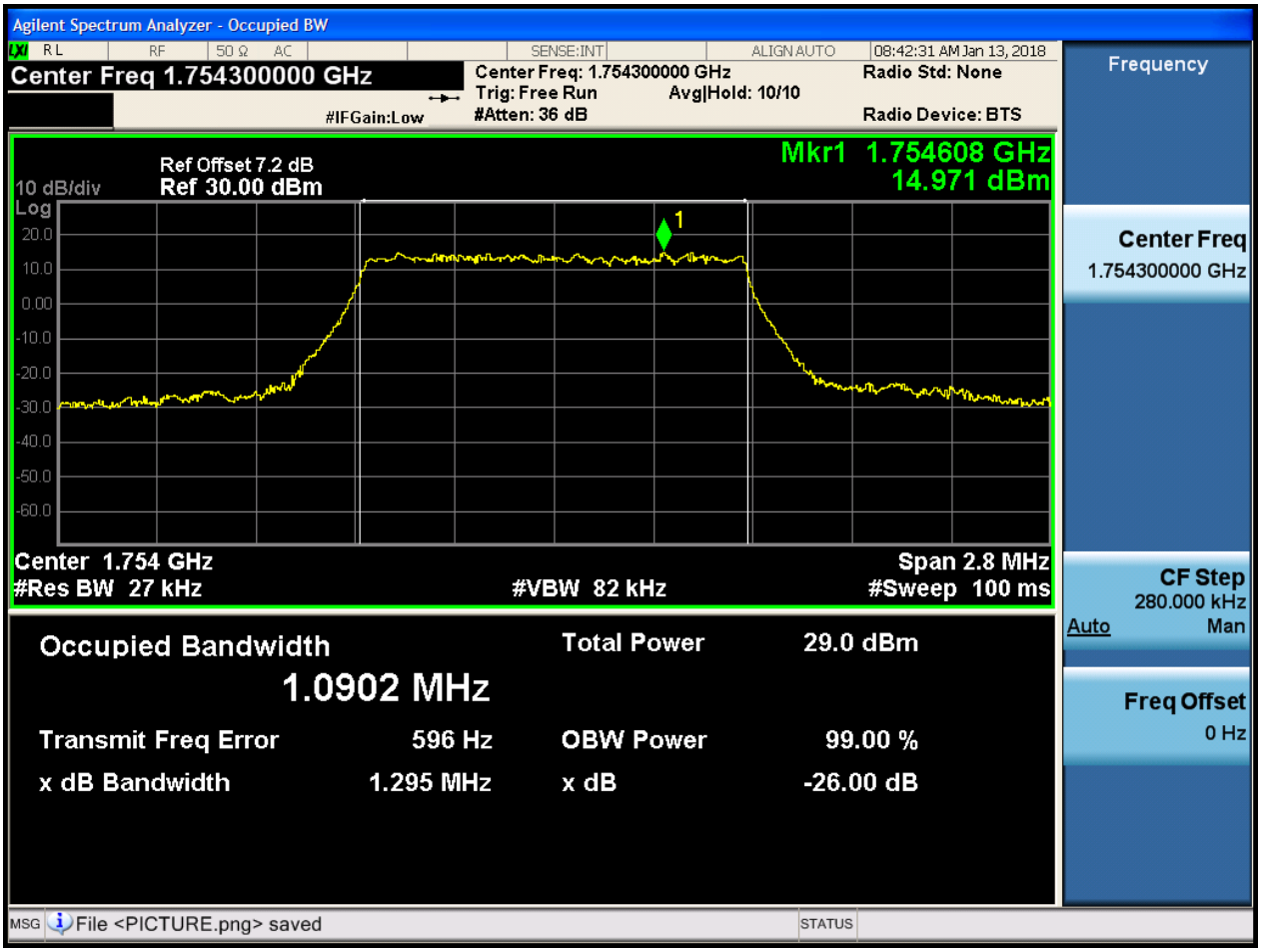
#### 4.1.1.2.1.2 Test Channel = MCH

##### 4.1.1.2.1.2.1 Test RB = RB6#0



#### 4.1.1.2.1.3 Test Channel = HCH

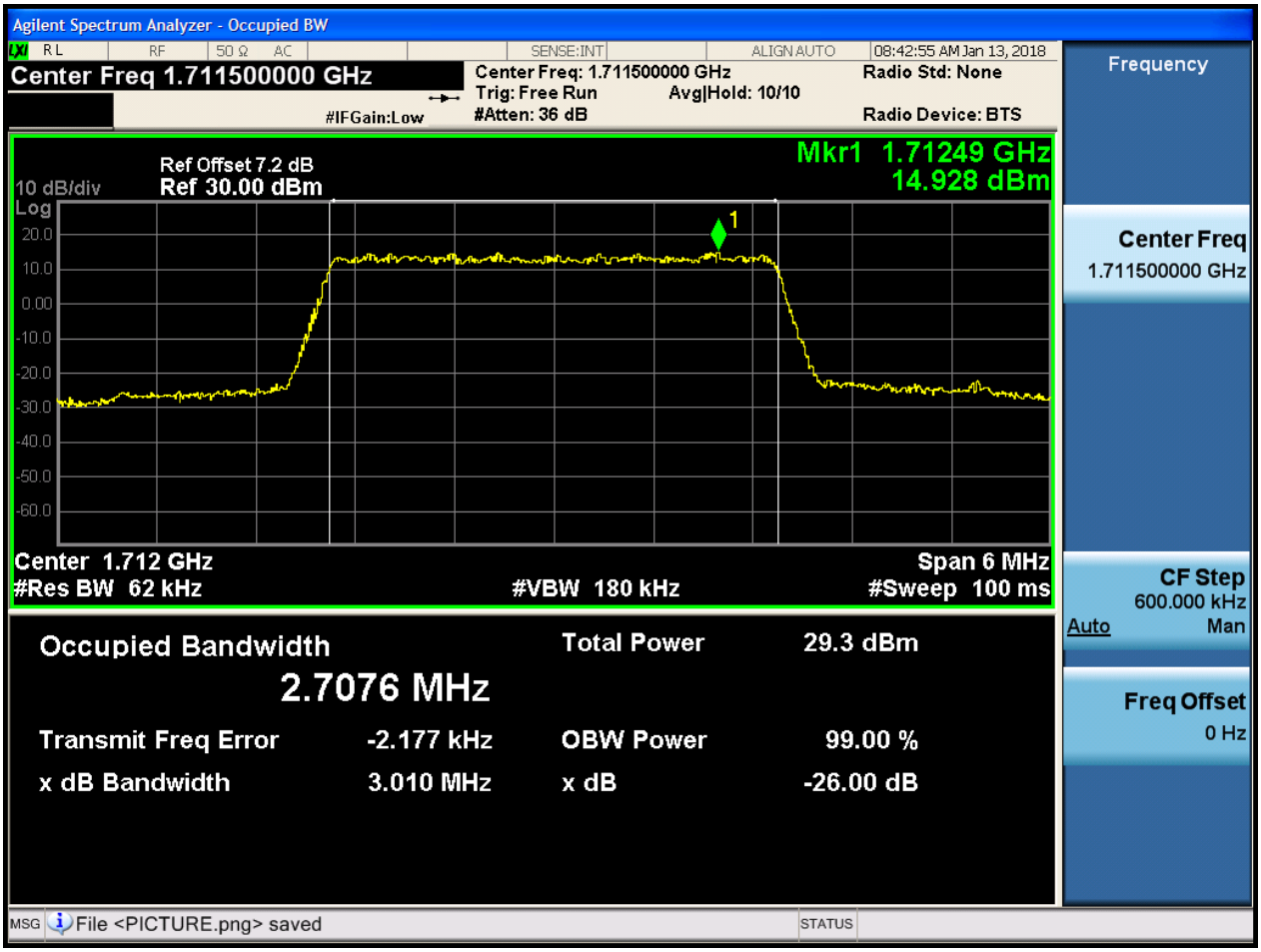
##### 4.1.1.2.1.3.1 Test RB = RB6#0



#### 4.1.1.2.2 Test Bandwidth = 3

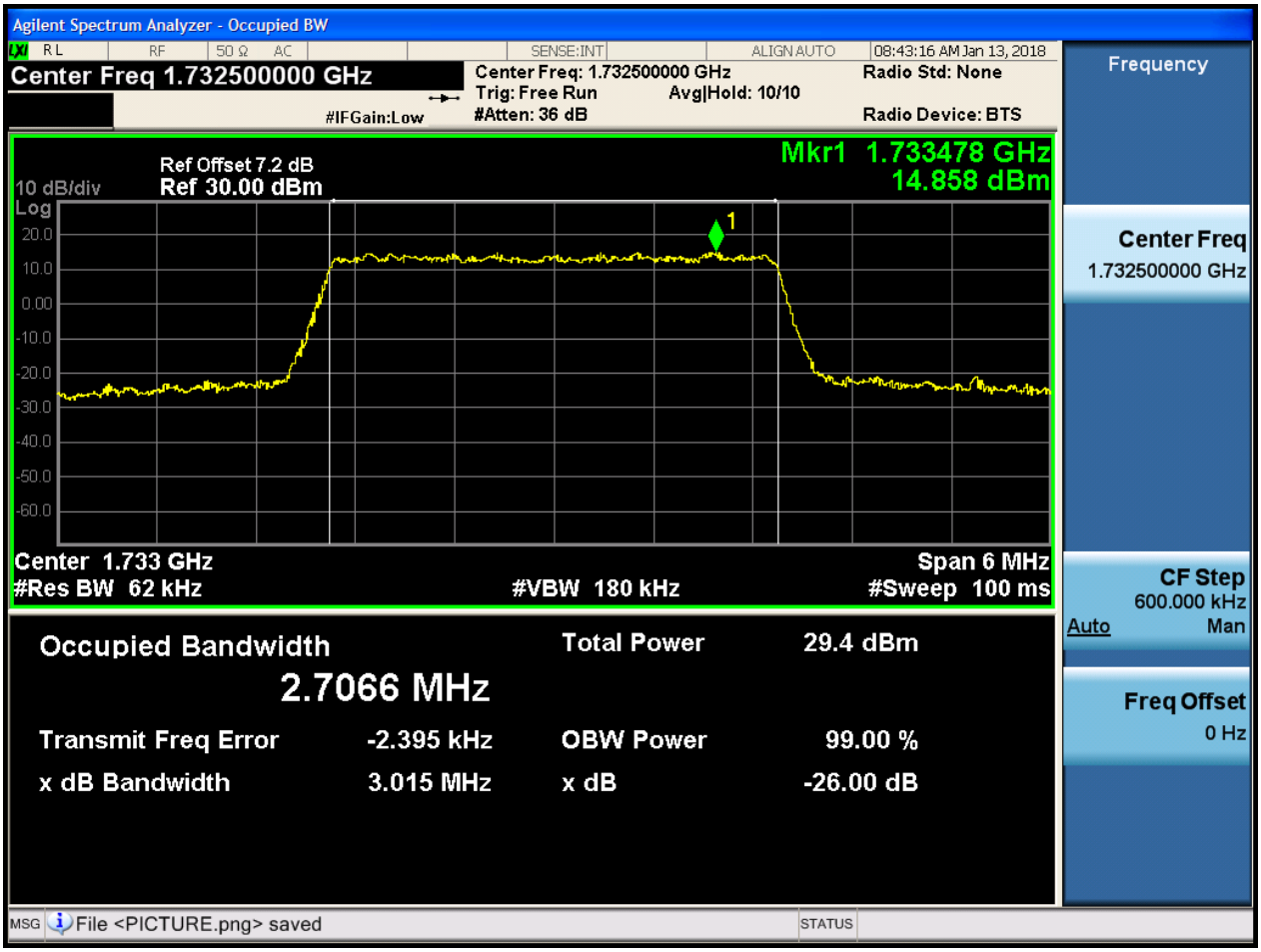
##### 4.1.1.2.2.1 Test Channel = LCH

###### 4.1.1.2.2.1.1 Test RB = RB15#0



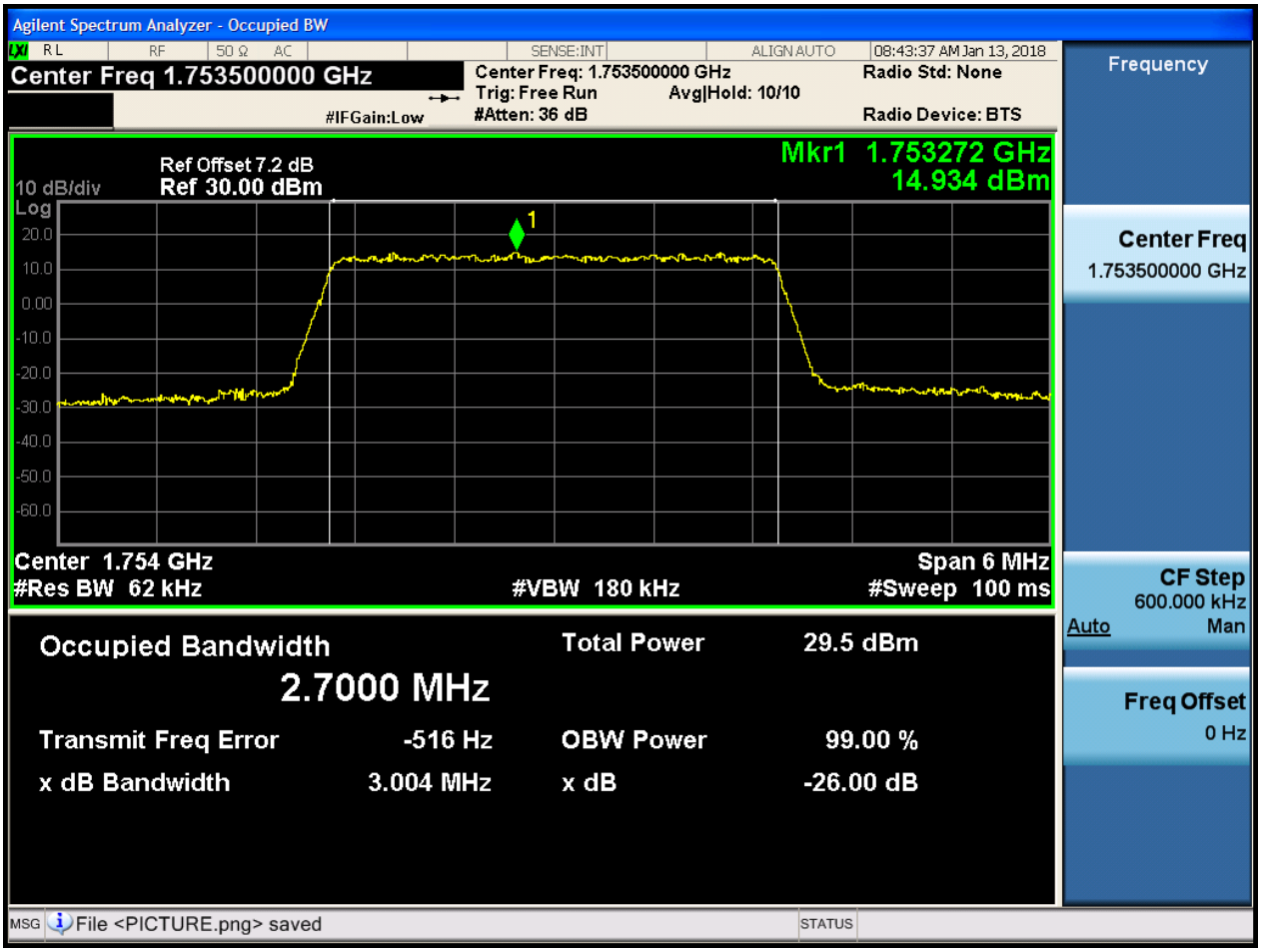
#### 4.1.1.2.2.2 Test Channel = MCH

##### 4.1.1.2.2.2.1 Test RB = RB15#0



#### 4.1.1.2.2.3 Test Channel = HCH

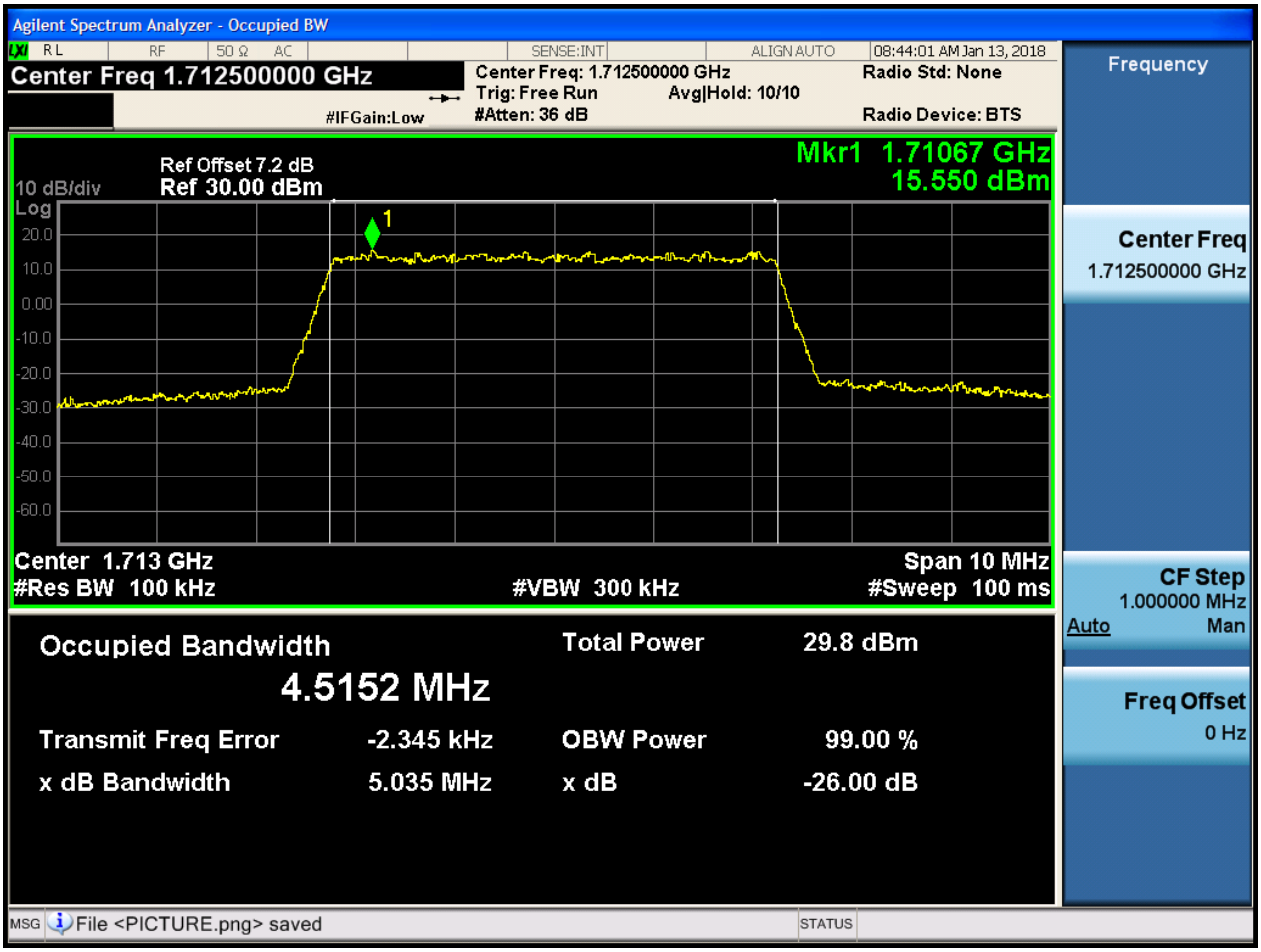
##### 4.1.1.2.2.3.1 Test RB = RB15#0



#### 4.1.1.2.3 Test Bandwidth = 5

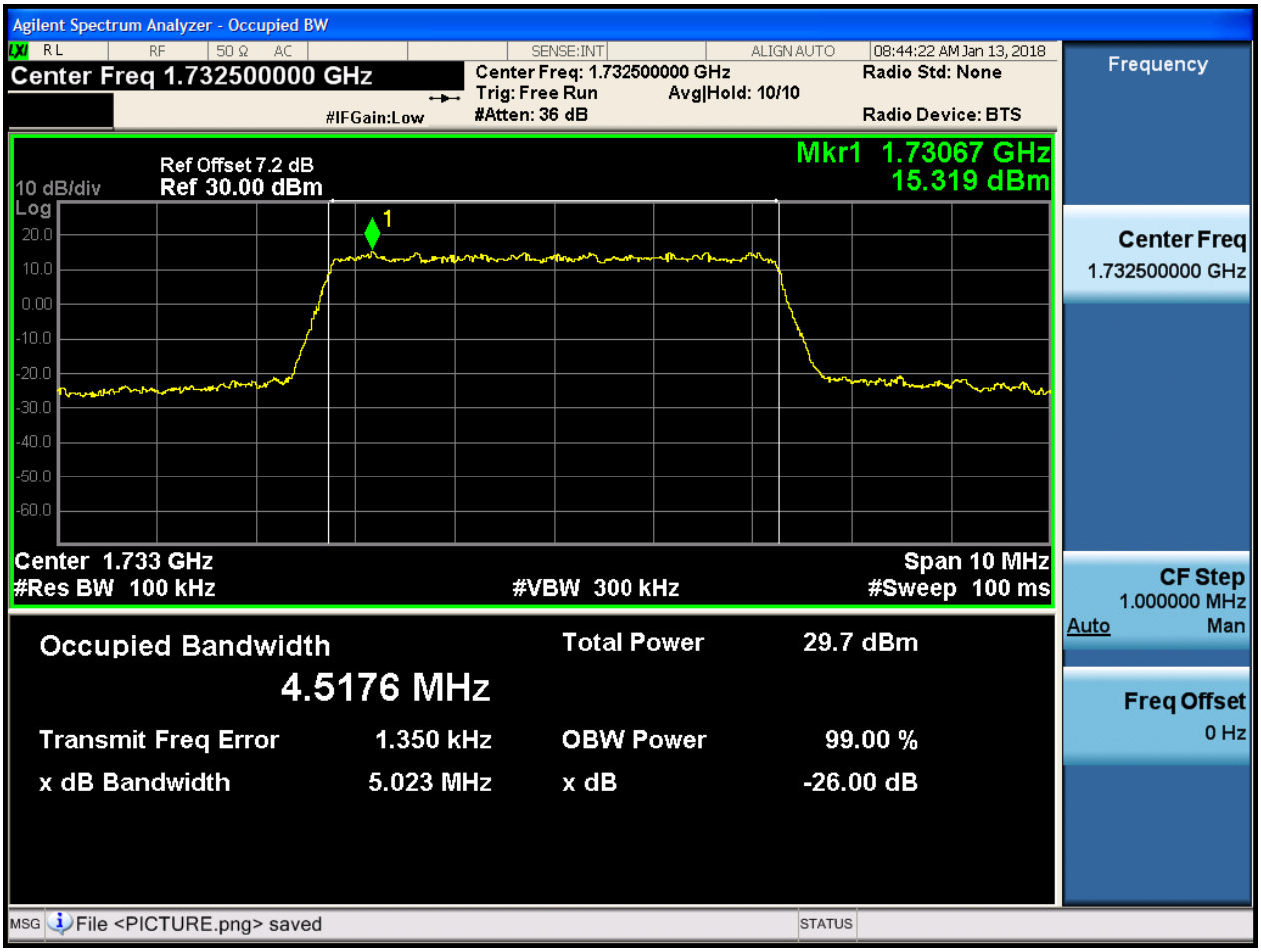
##### 4.1.1.2.3.1 Test Channel = LCH

###### 4.1.1.2.3.1.1 Test RB = RB25#0



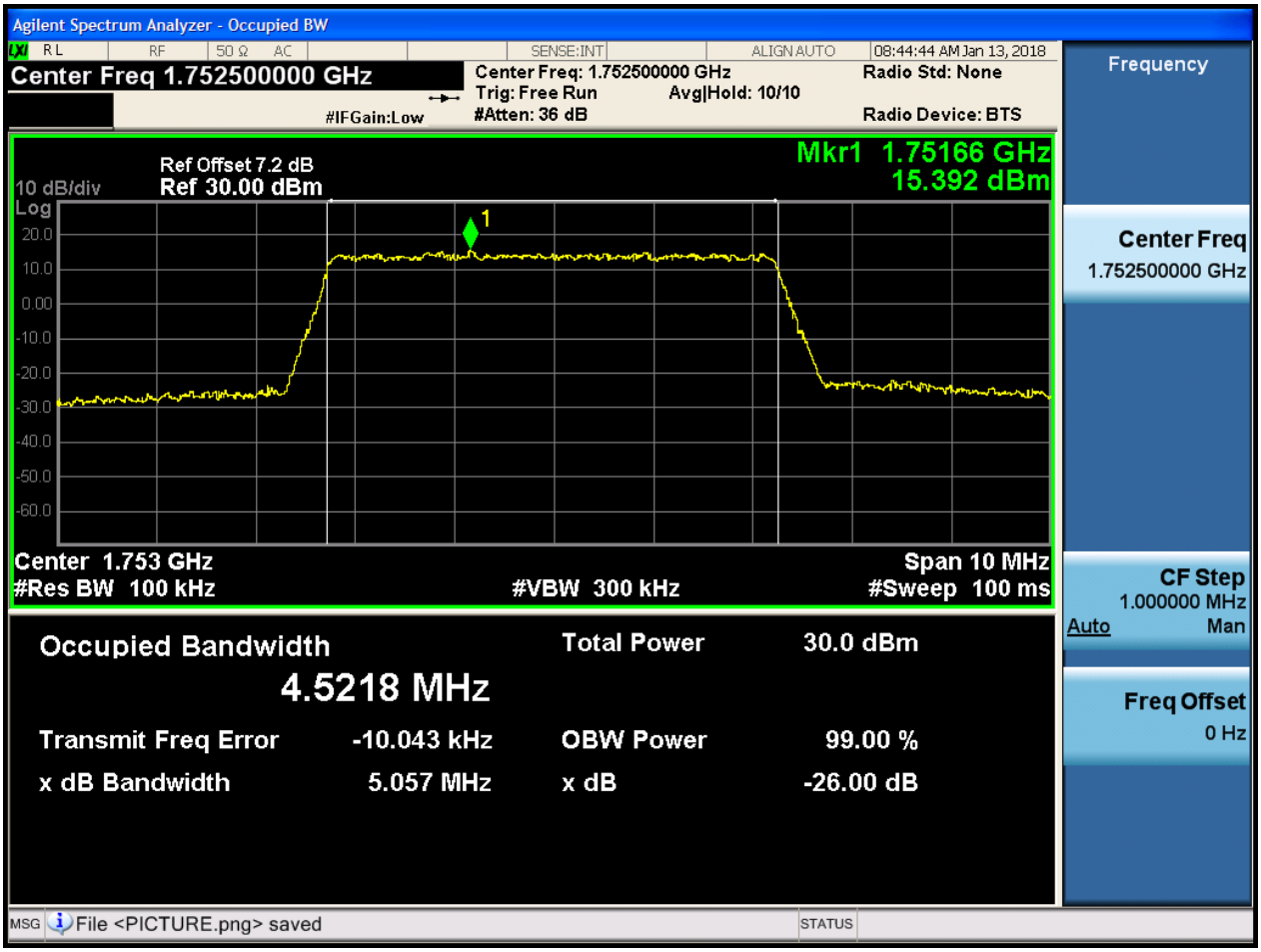
#### 4.1.1.2.3.2 Test Channel = MCH

##### 4.1.1.2.3.2.1 Test RB = RB25#0



#### 4.1.1.2.3.3 Test Channel = HCH

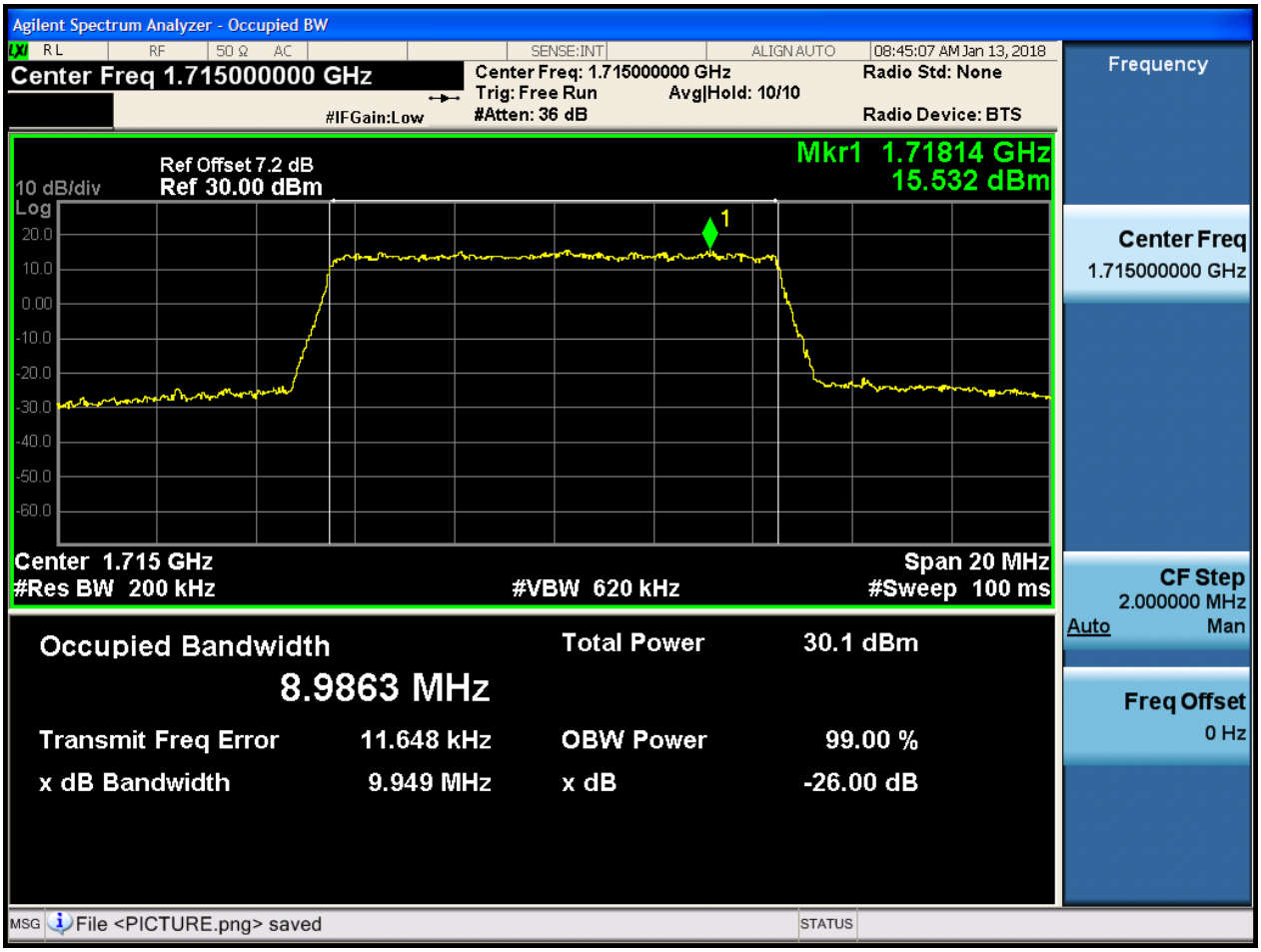
##### 4.1.1.2.3.3.1 Test RB = RB25#0



#### 4.1.1.2.4 Test Bandwidth = 10

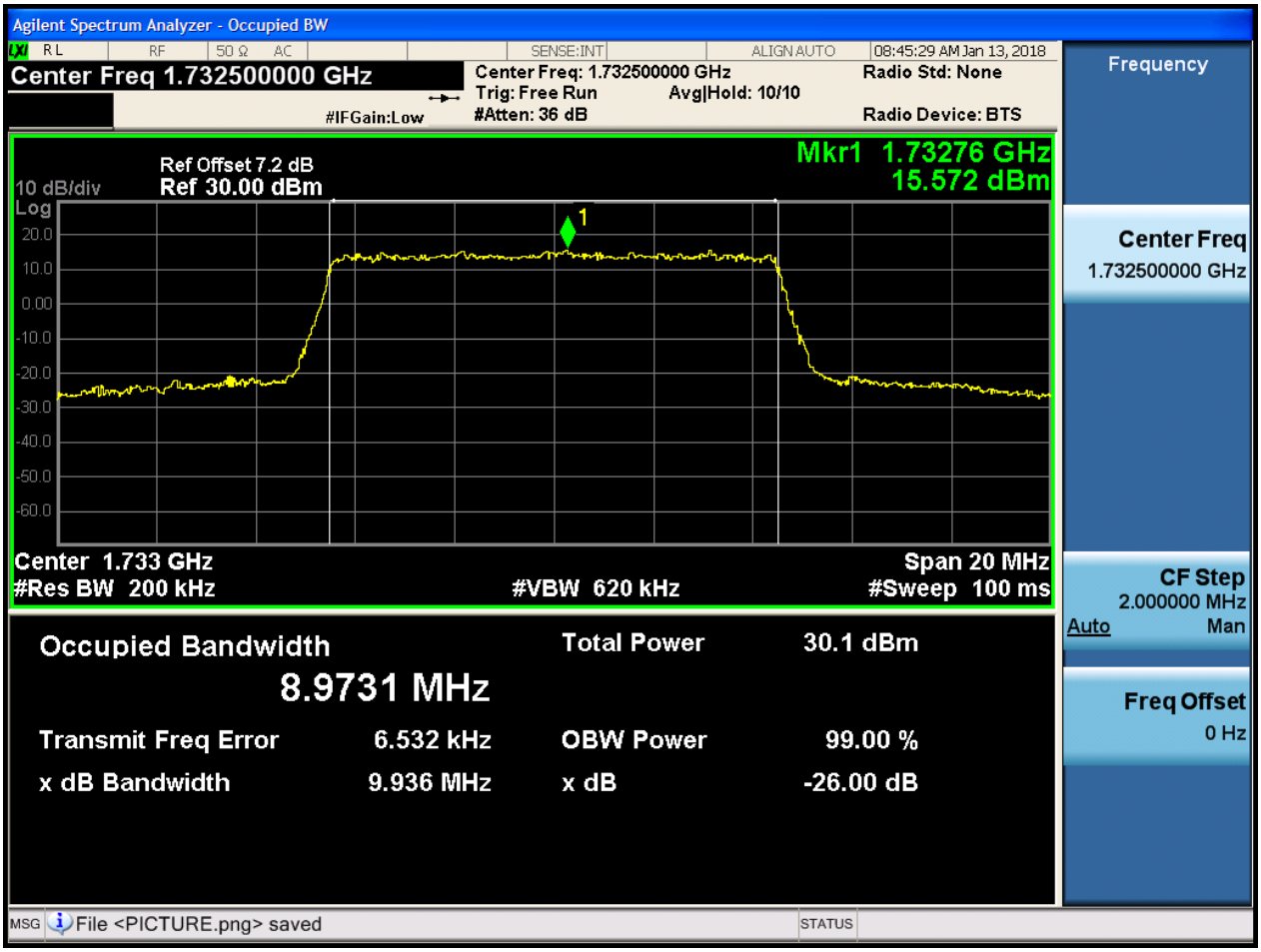
##### 4.1.1.2.4.1 Test Channel = LCH

###### 4.1.1.2.4.1.1 Test RB = RB50#0



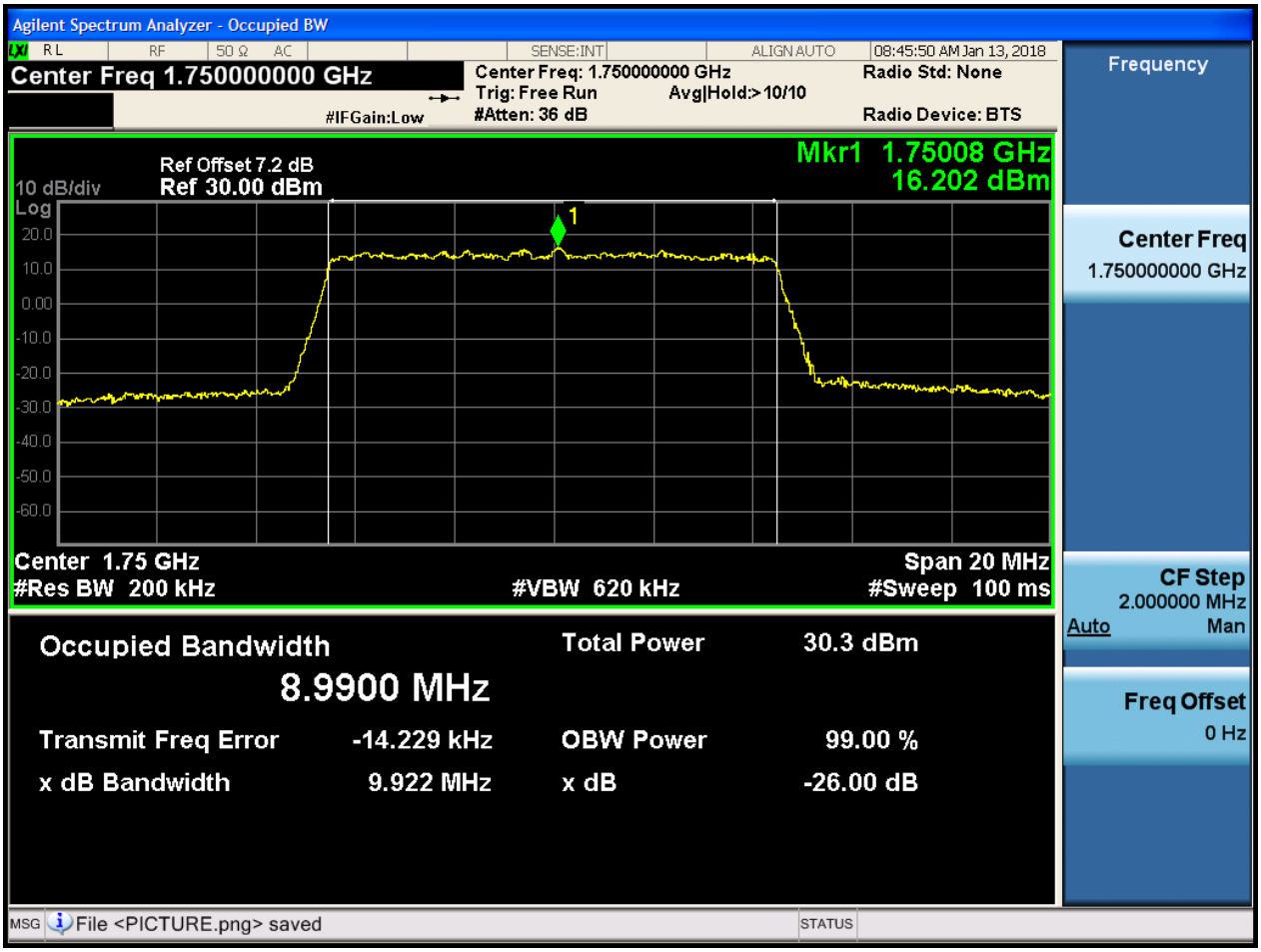
#### 4.1.1.2.4.2 Test Channel = MCH

##### 4.1.1.2.4.2.1 Test RB = RB50#0



#### 4.1.1.2.4.3 Test Channel = HCH

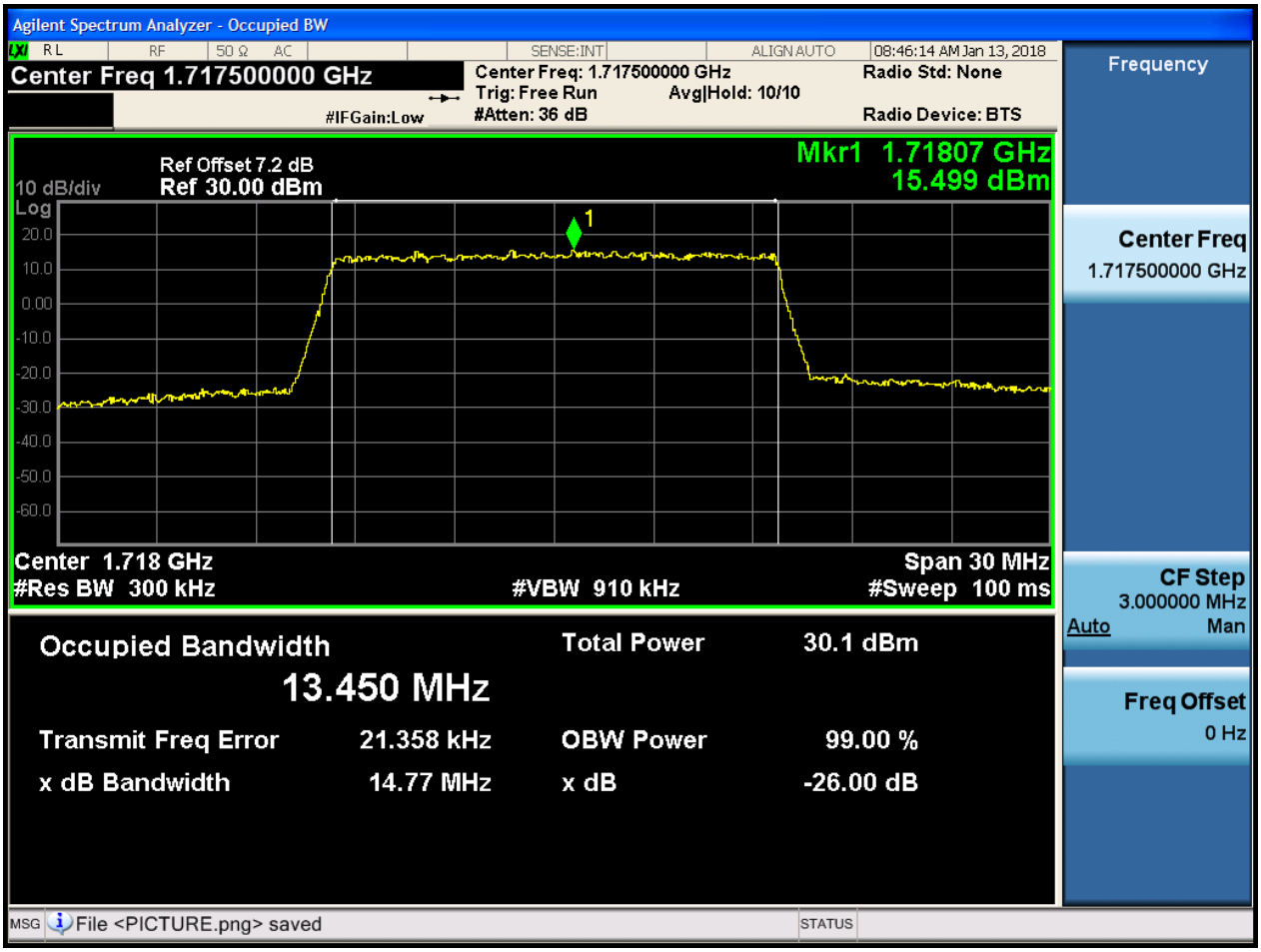
##### 4.1.1.2.4.3.1 Test RB = RB50#0



#### 4.1.1.2.5 Test Bandwidth = 15

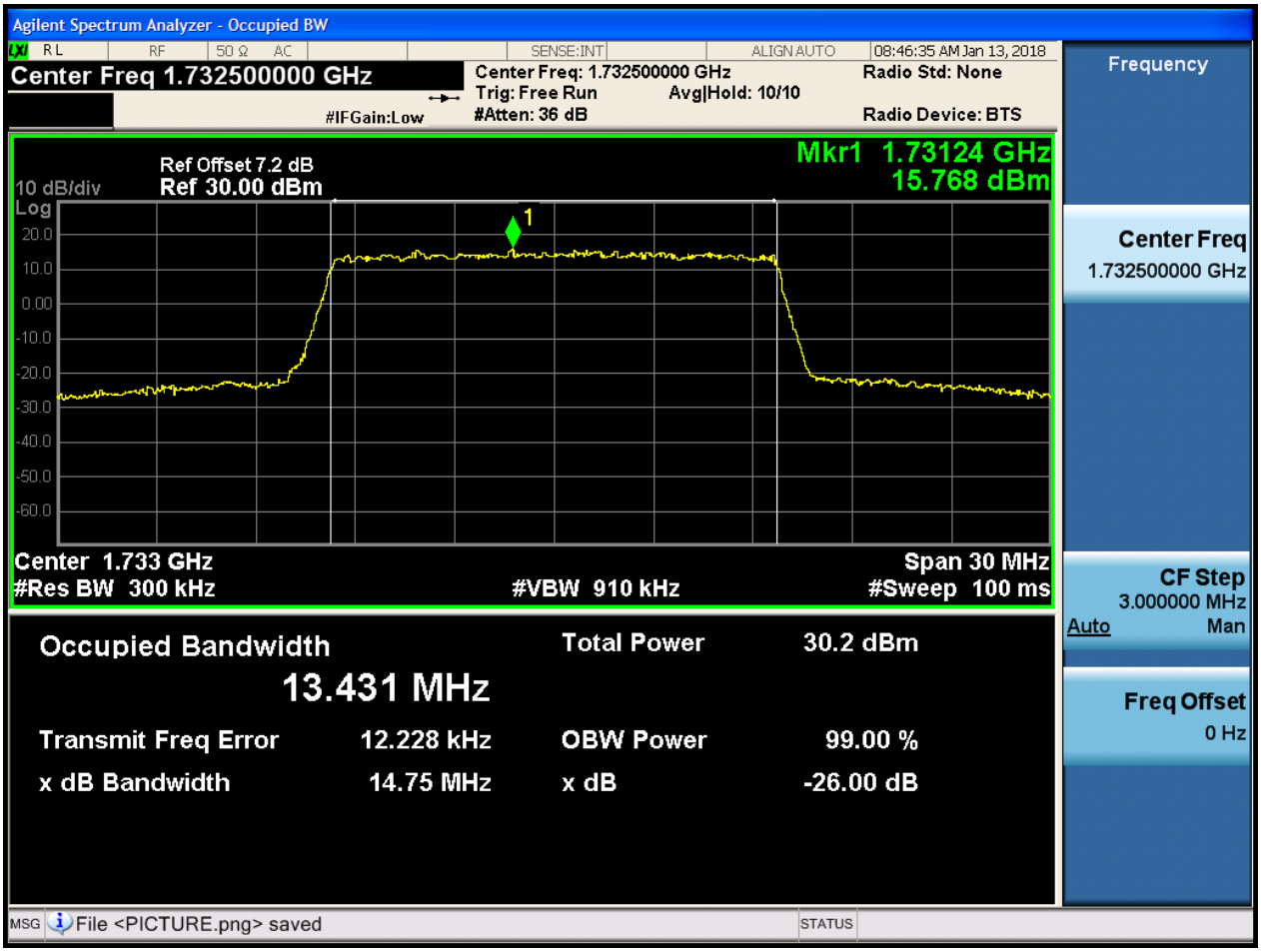
##### 4.1.1.2.5.1 Test Channel = LCH

###### 4.1.1.2.5.1.1 Test RB = RB75#0



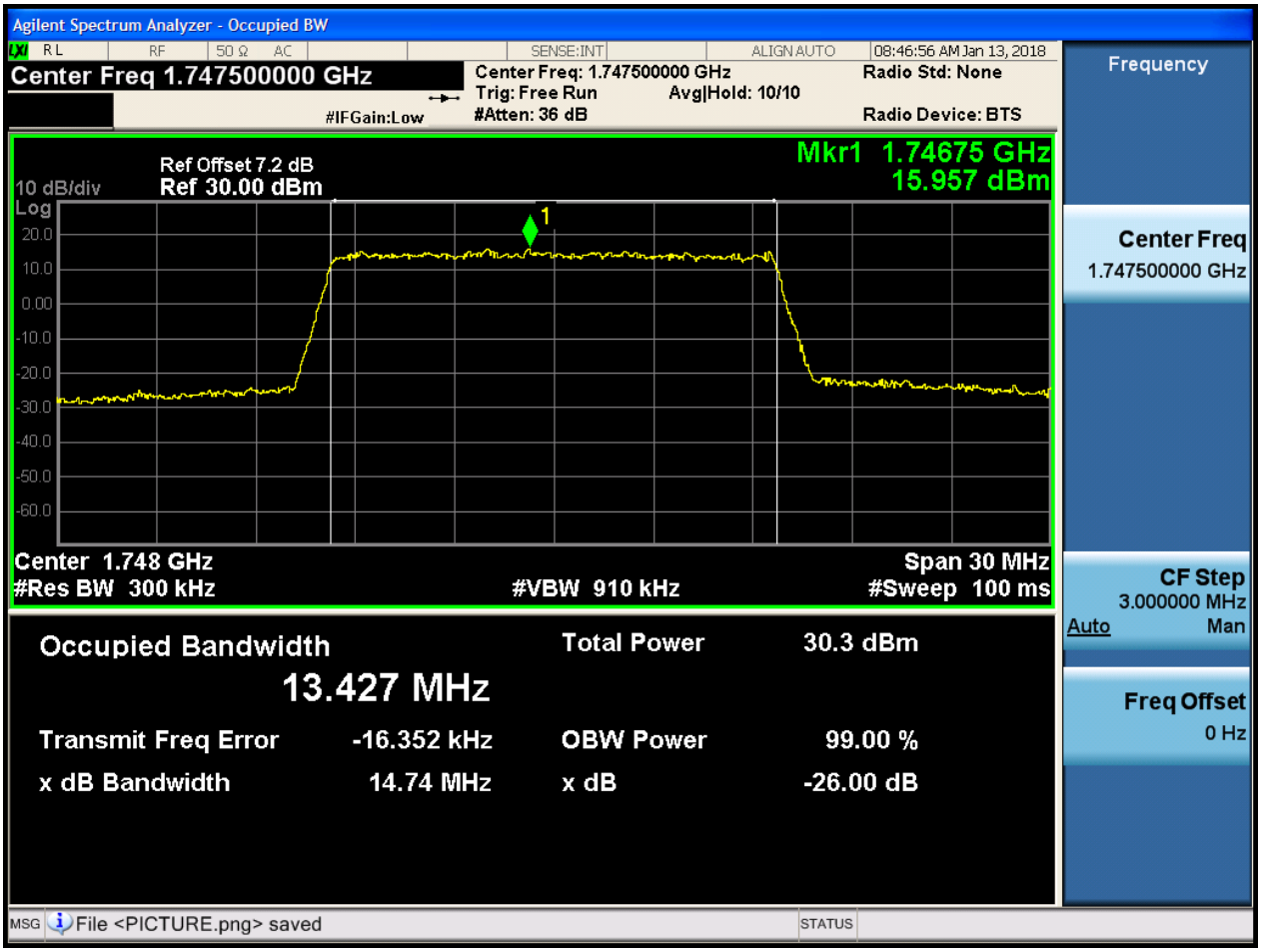
#### 4.1.1.2.5.2 Test Channel = MCH

#### 4.1.1.2.5.2.1 Test RB = RB75#0



#### 4.1.1.2.5.3 Test Channel = HCH

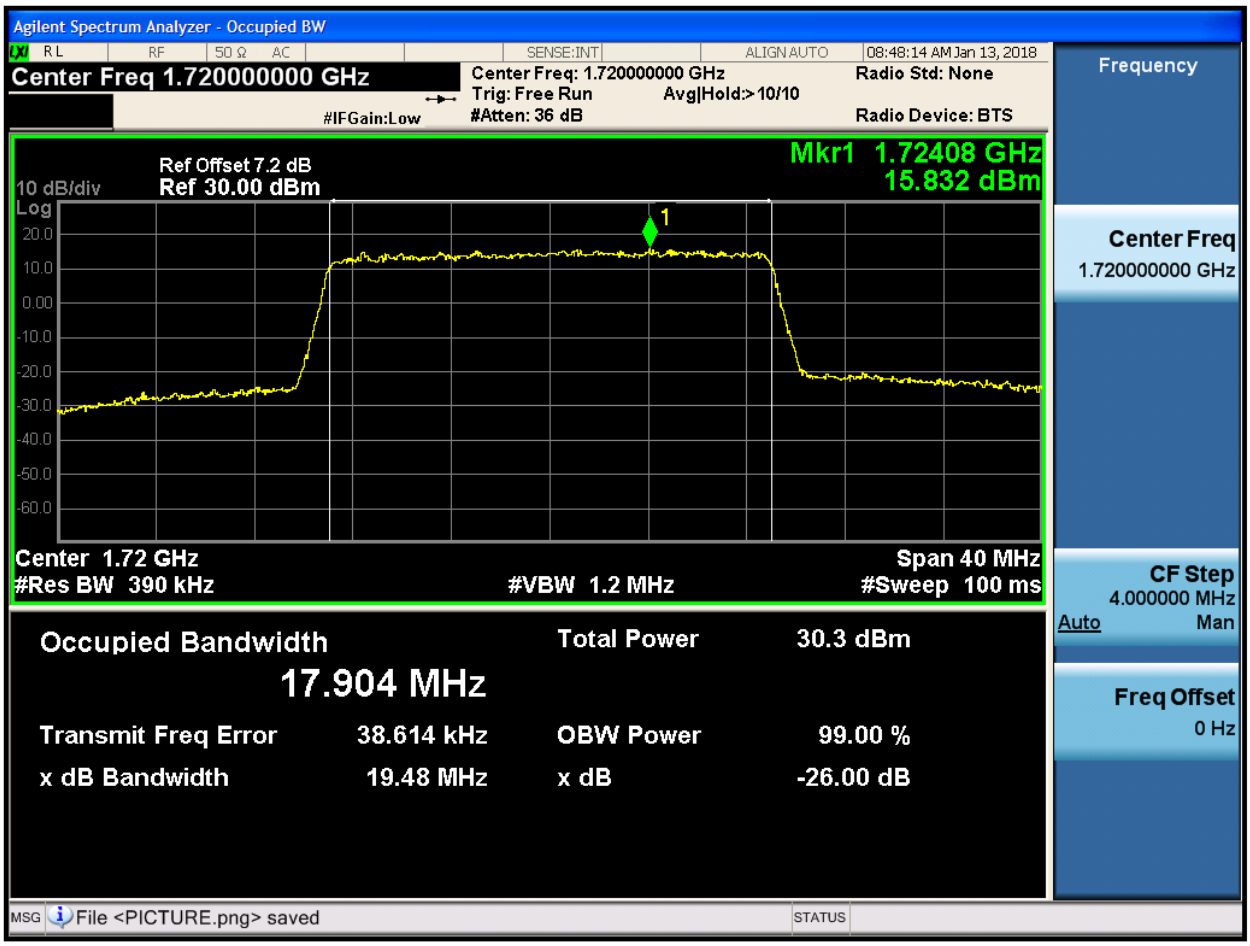
##### 4.1.1.2.5.3.1 Test RB = RB75#0



#### 4.1.1.2.6 Test Bandwidth = 20

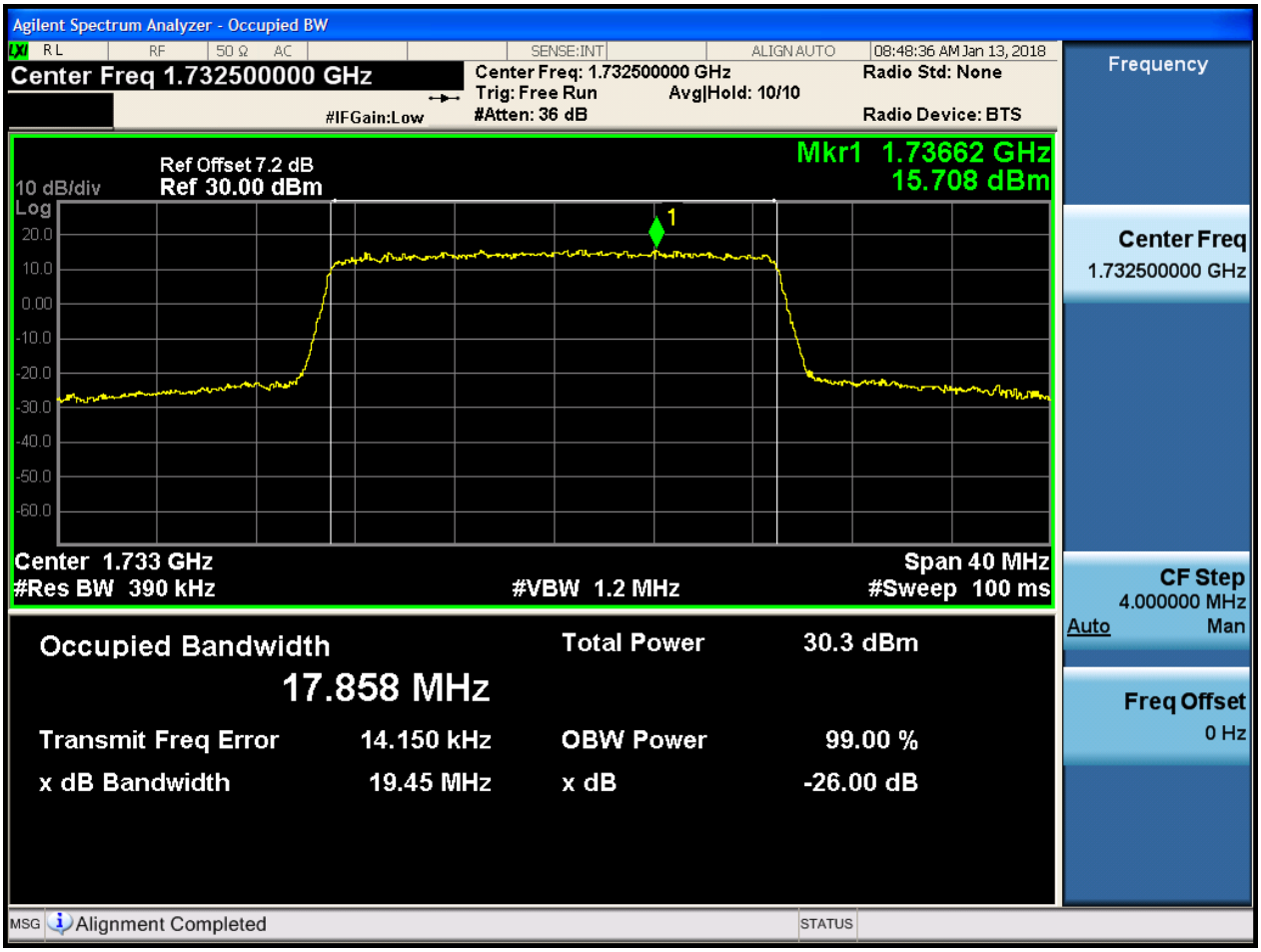
##### 4.1.1.2.6.1 Test Channel = LCH

###### 4.1.1.2.6.1.1 Test RB = RB100#0



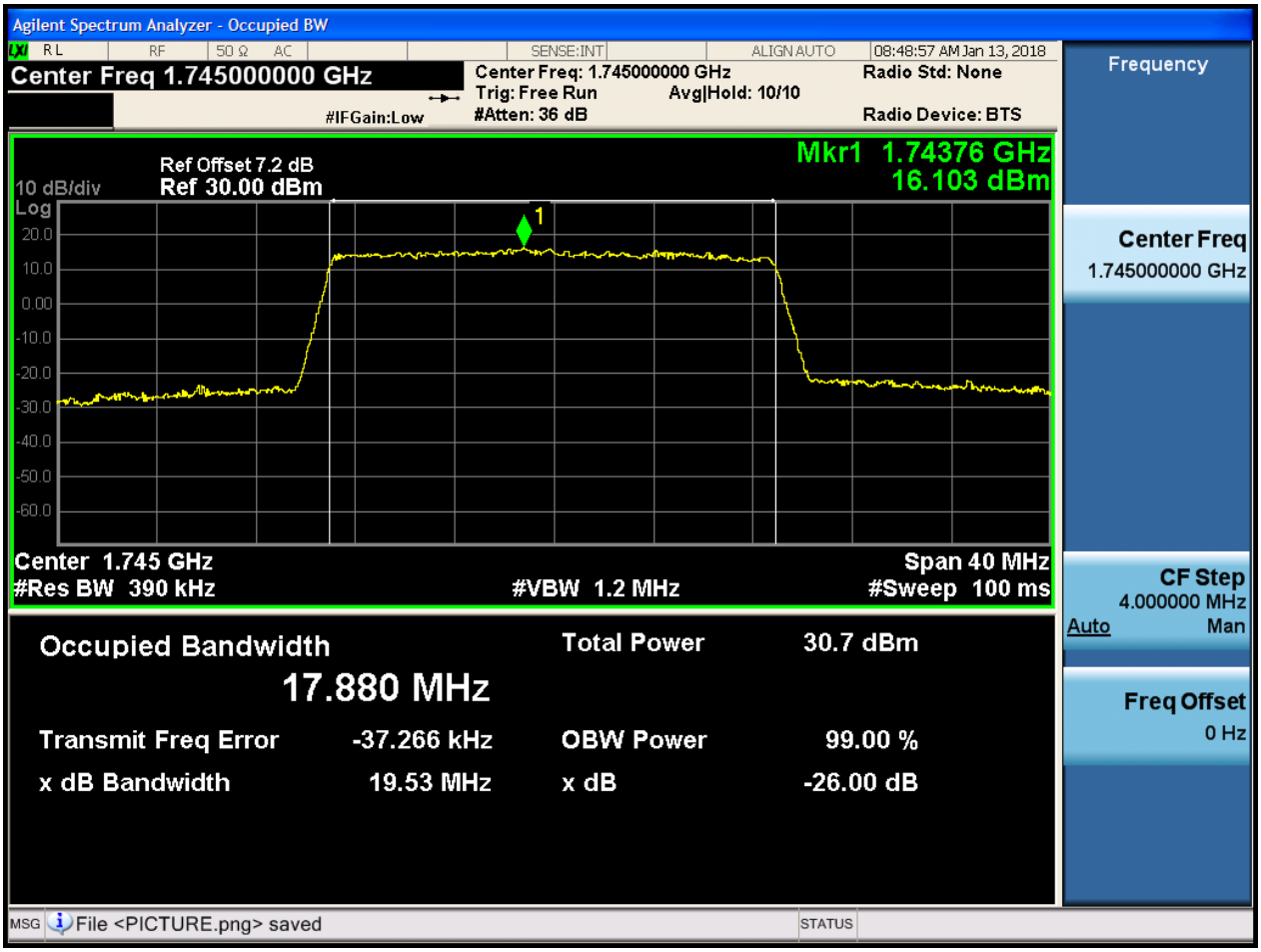
#### 4.1.1.2.6.2 Test Channel = MCH

#### 4.1.1.2.6.2.1 Test RB = RB100#0



#### 4.1.1.2.6.3 Test Channel = HCH

#### 4.1.1.2.6.3.1 Test RB = RB100#0



# 5Appendix_E: Band Edges Compliance

**Part I - Test Plots**

**5.1 For LTE**

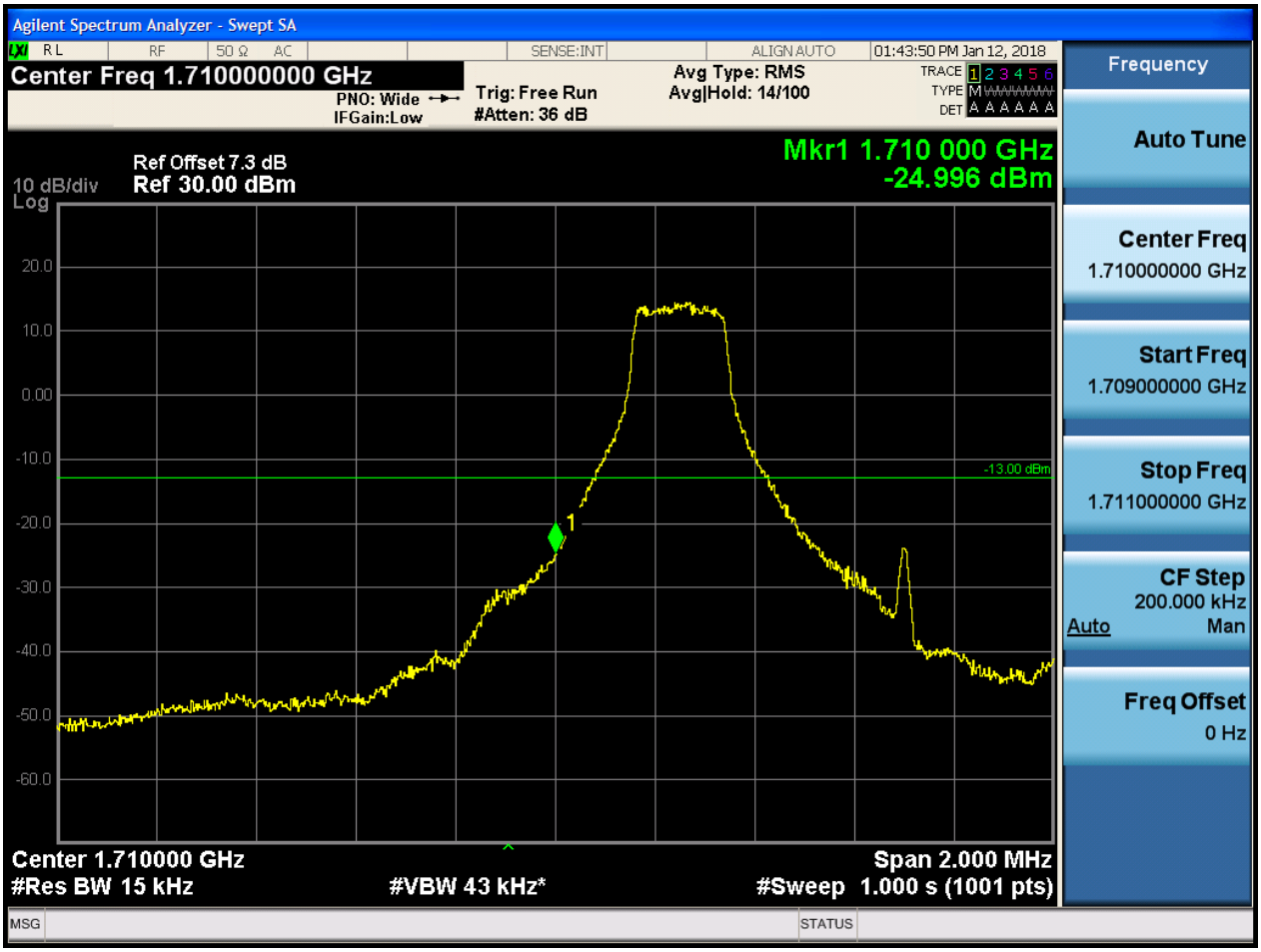
**5.1.1 Test Band = BAND4**

**5.1.1.1 Test Mode = LTE/TM1**

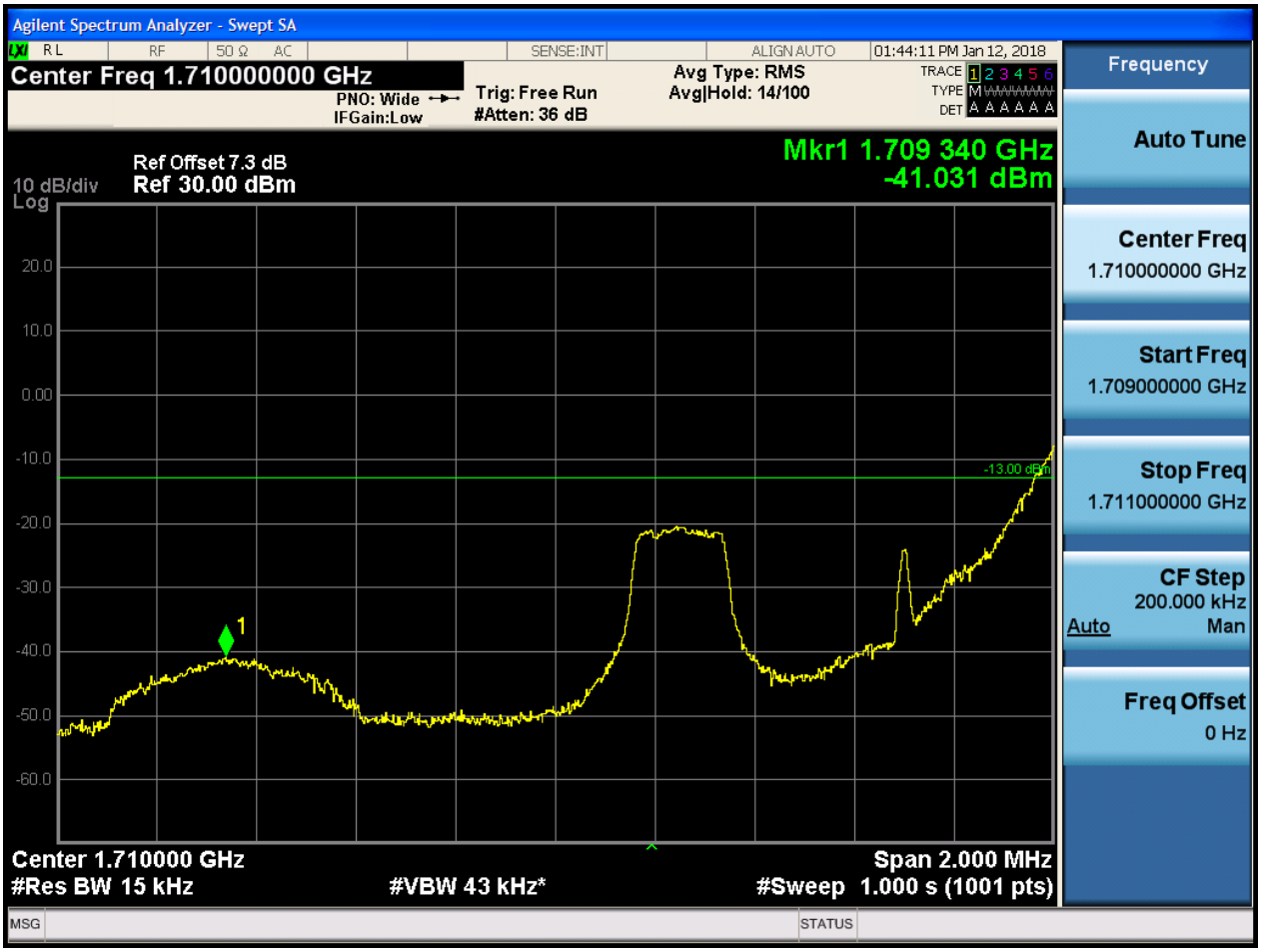
**5.1.1.1.1 Test Bandwidth = 1.4**

**5.1.1.1.1.1 Test Channel = LCH**

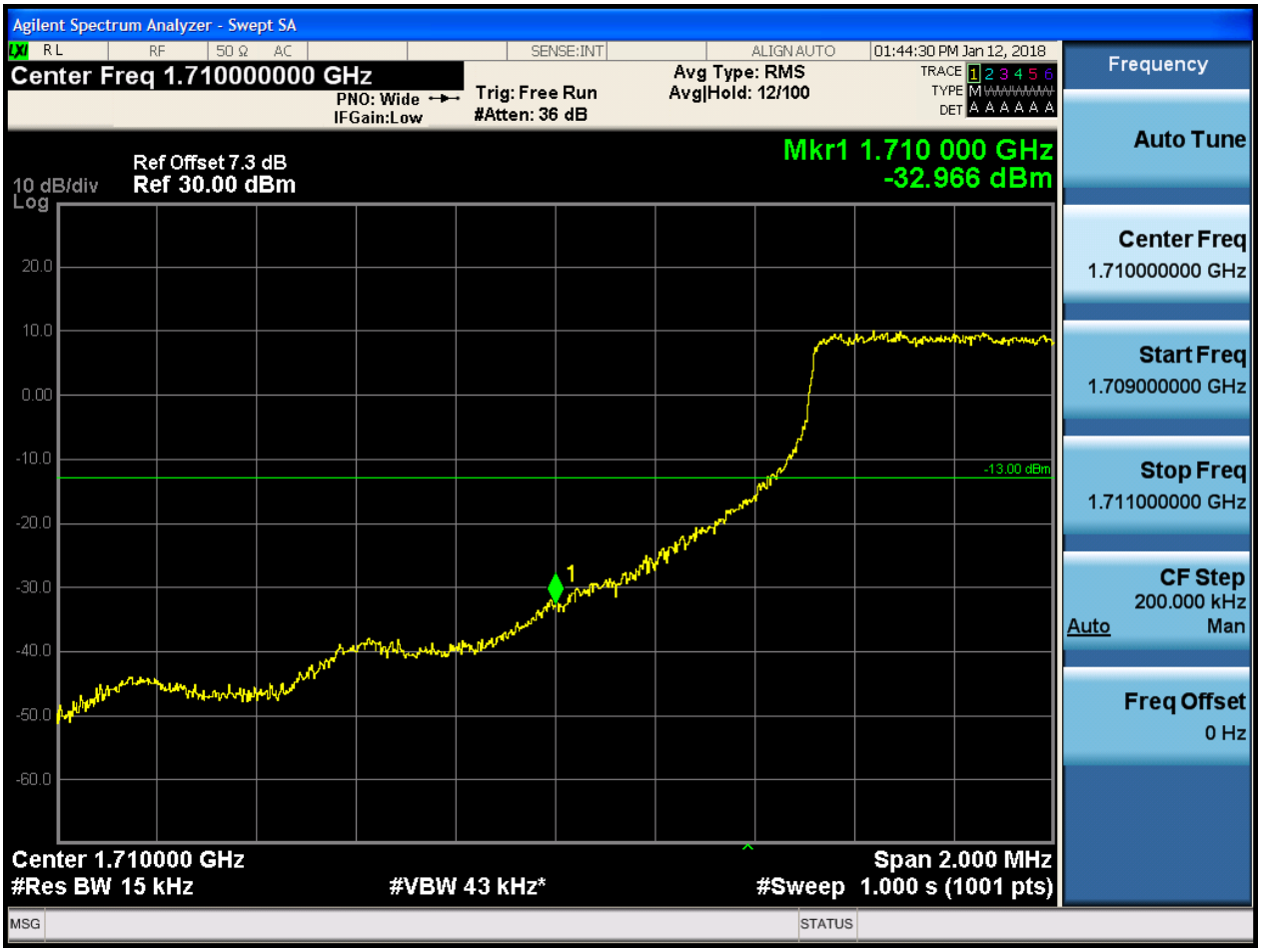
**5.1.1.1.1.1.1 Test RB = RB1#0**



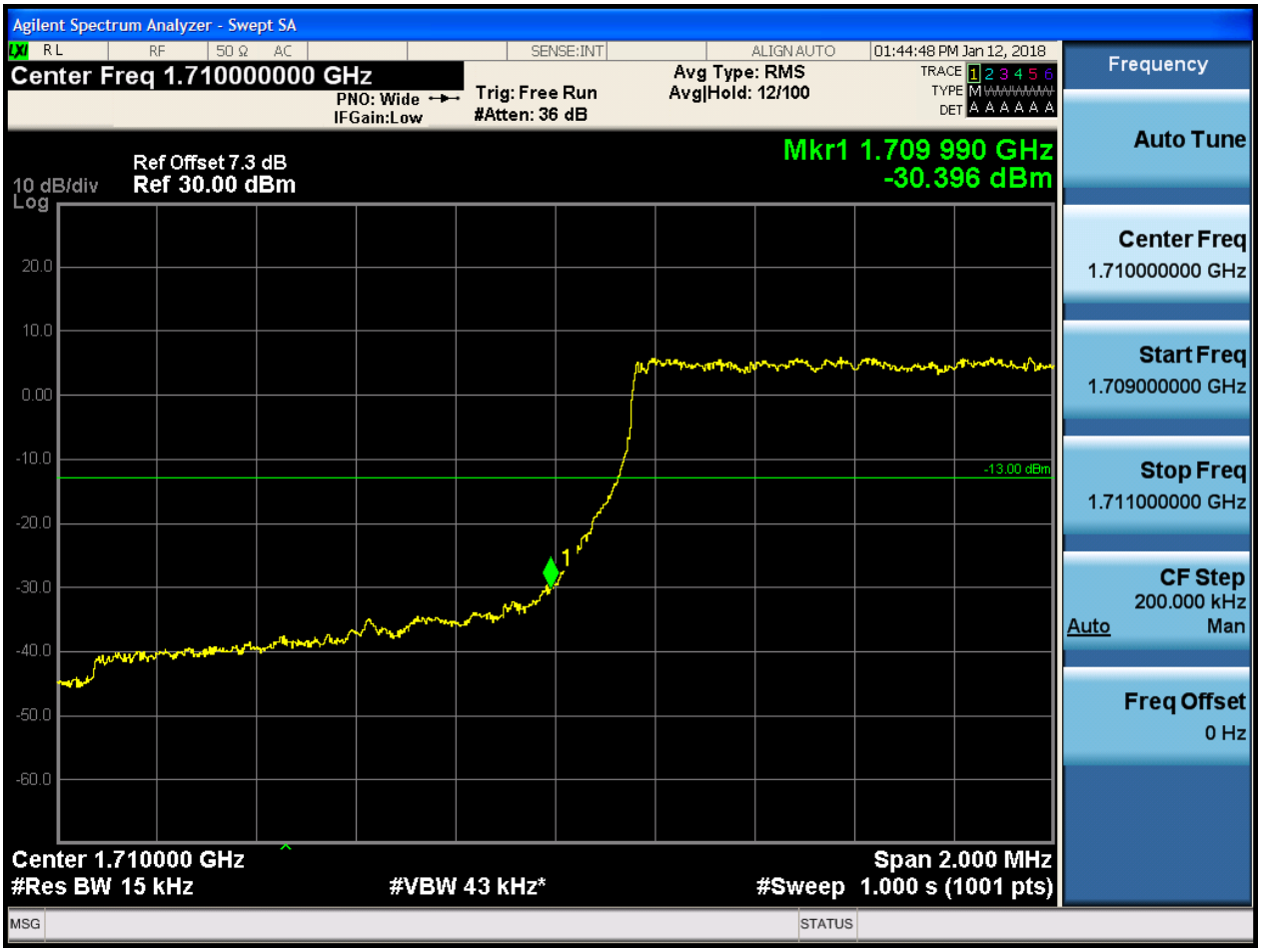
#### 5.1.1.1.1.1.2 Test RB = RB1#5



#### 5.1.1.1.1.1.3 Test RB = RB3#2

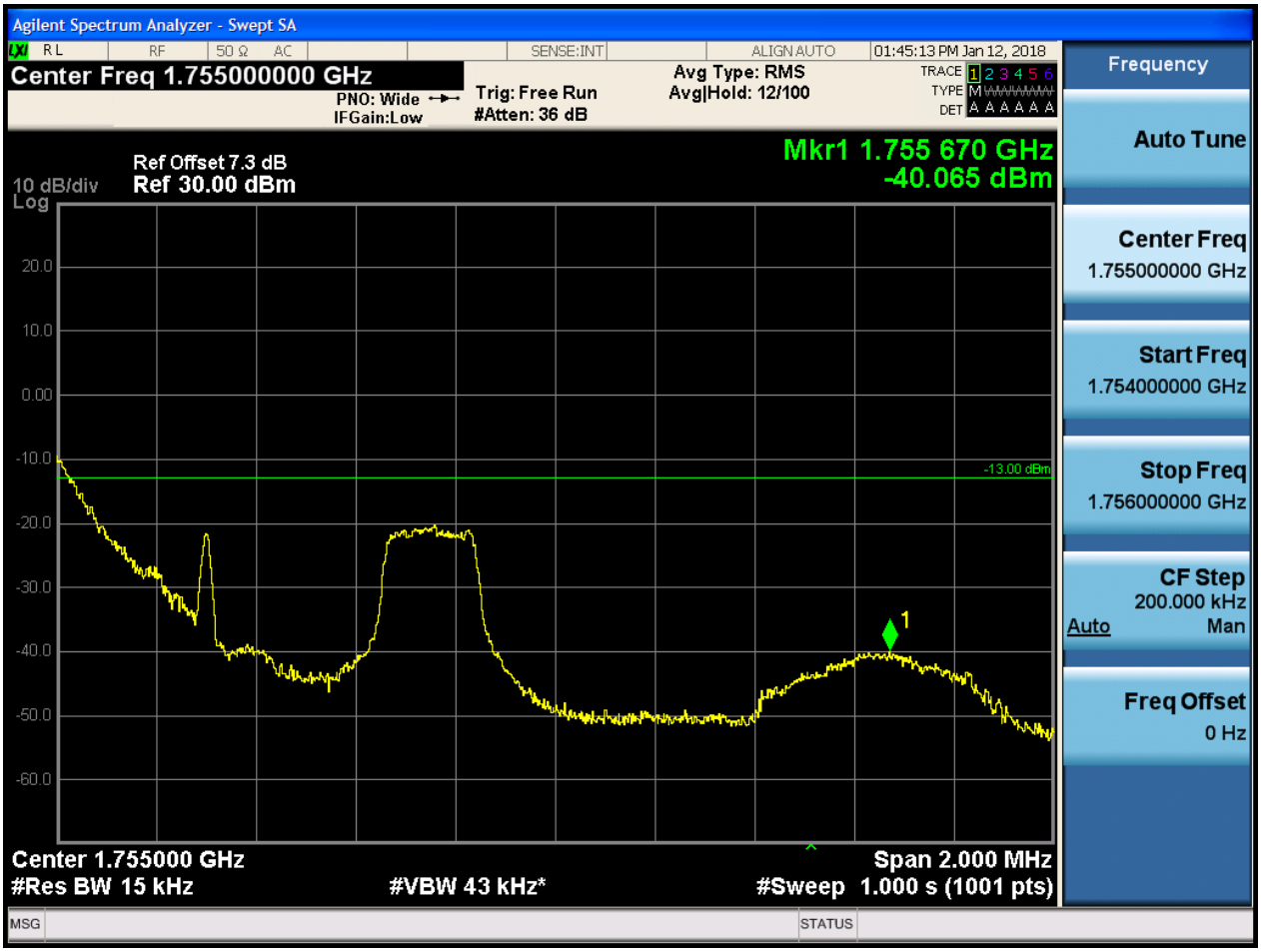


#### 5.1.1.1.1.1.4 Test RB = RB6#0

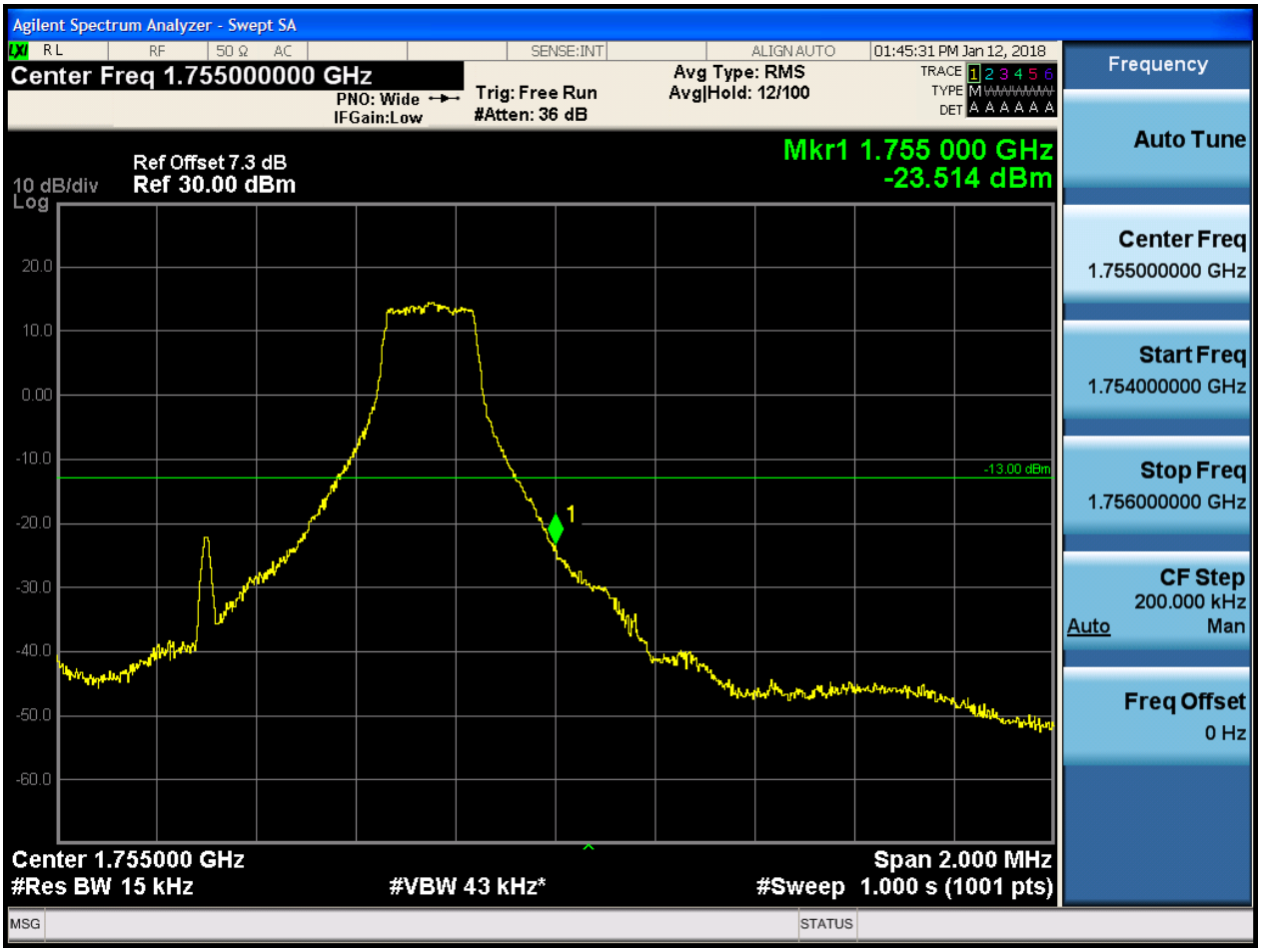


#### 5.1.1.1.1.2 Test Channel = HCH

##### 5.1.1.1.1.2.1 Test RB = RB1#0



#### 5.1.1.1.1.2.2 Test RB = RB1#5



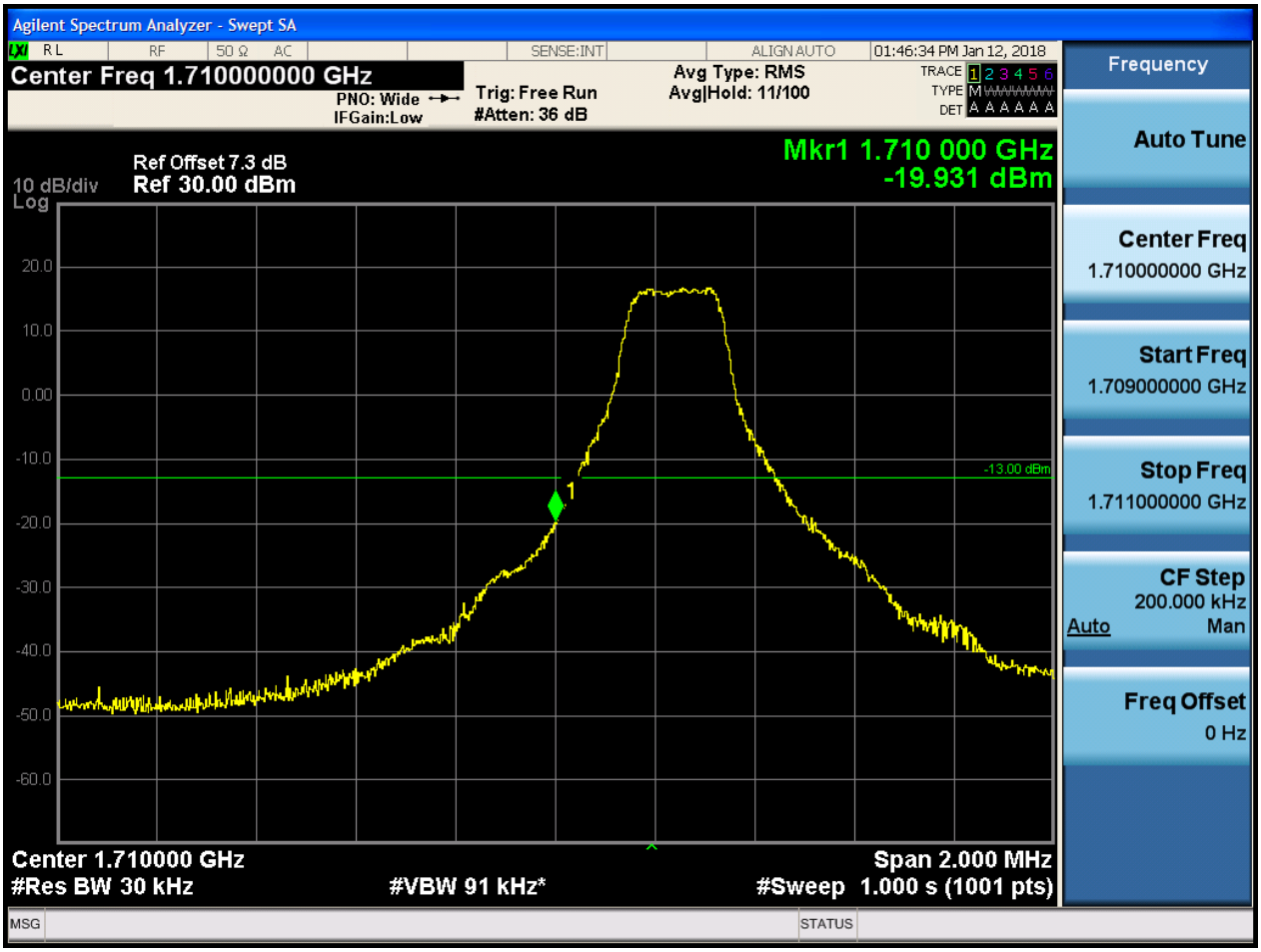
#### 5.1.1.1.1.2.3 Test RB = RB3#2

#### 5.1.1.1.1.2.4 Test RB = RB6#0

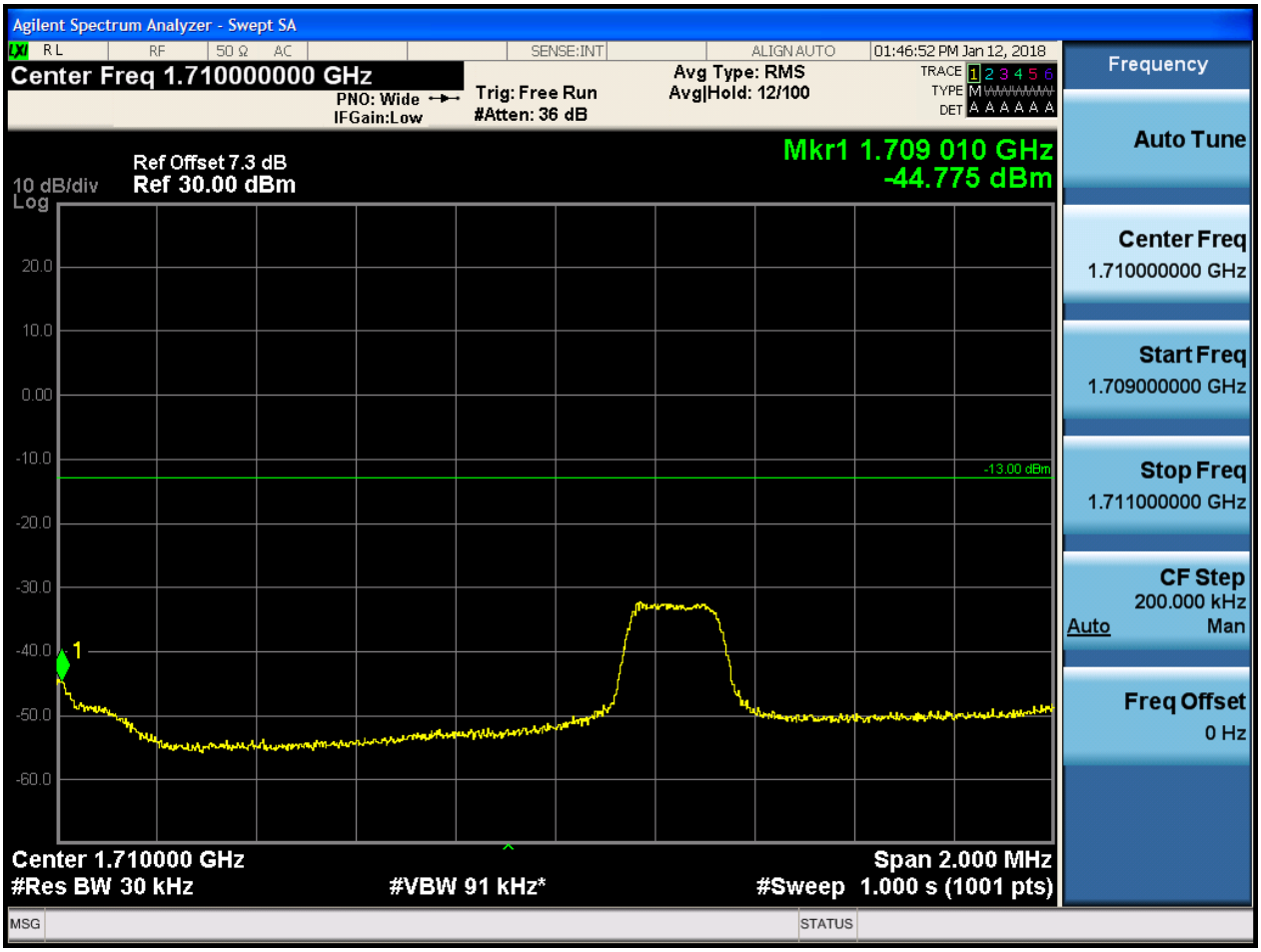
#### 5.1.1.1.2 Test Bandwidth = 3

##### 5.1.1.1.2.1 Test Channel = LCH

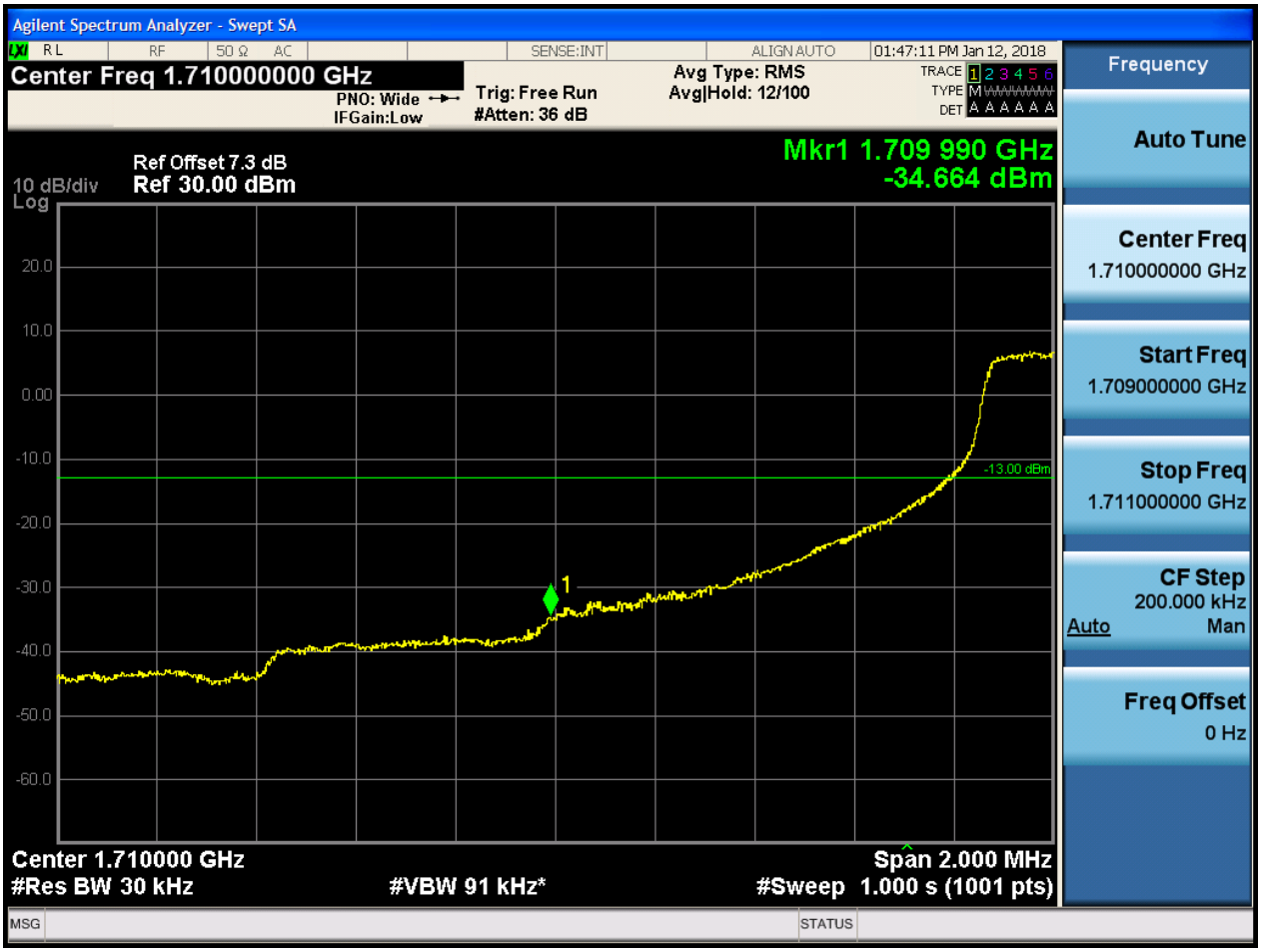
###### 5.1.1.1.2.1.1 Test RB = RB1#0



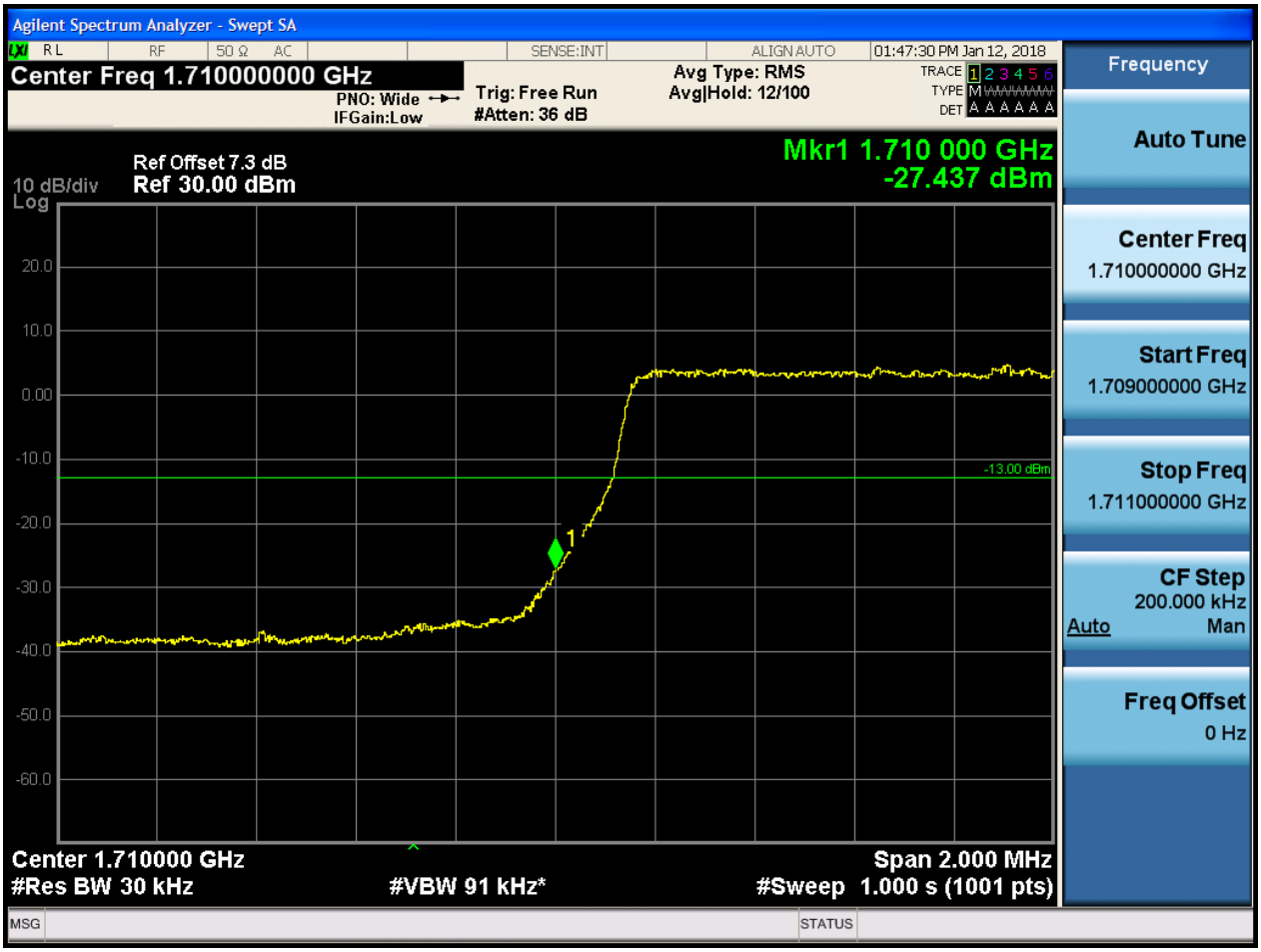
### 5.1.1.1.2.1.2 Test RB = RB1#14



### 5.1.1.1.2.1.3 Test RB = RB8#4

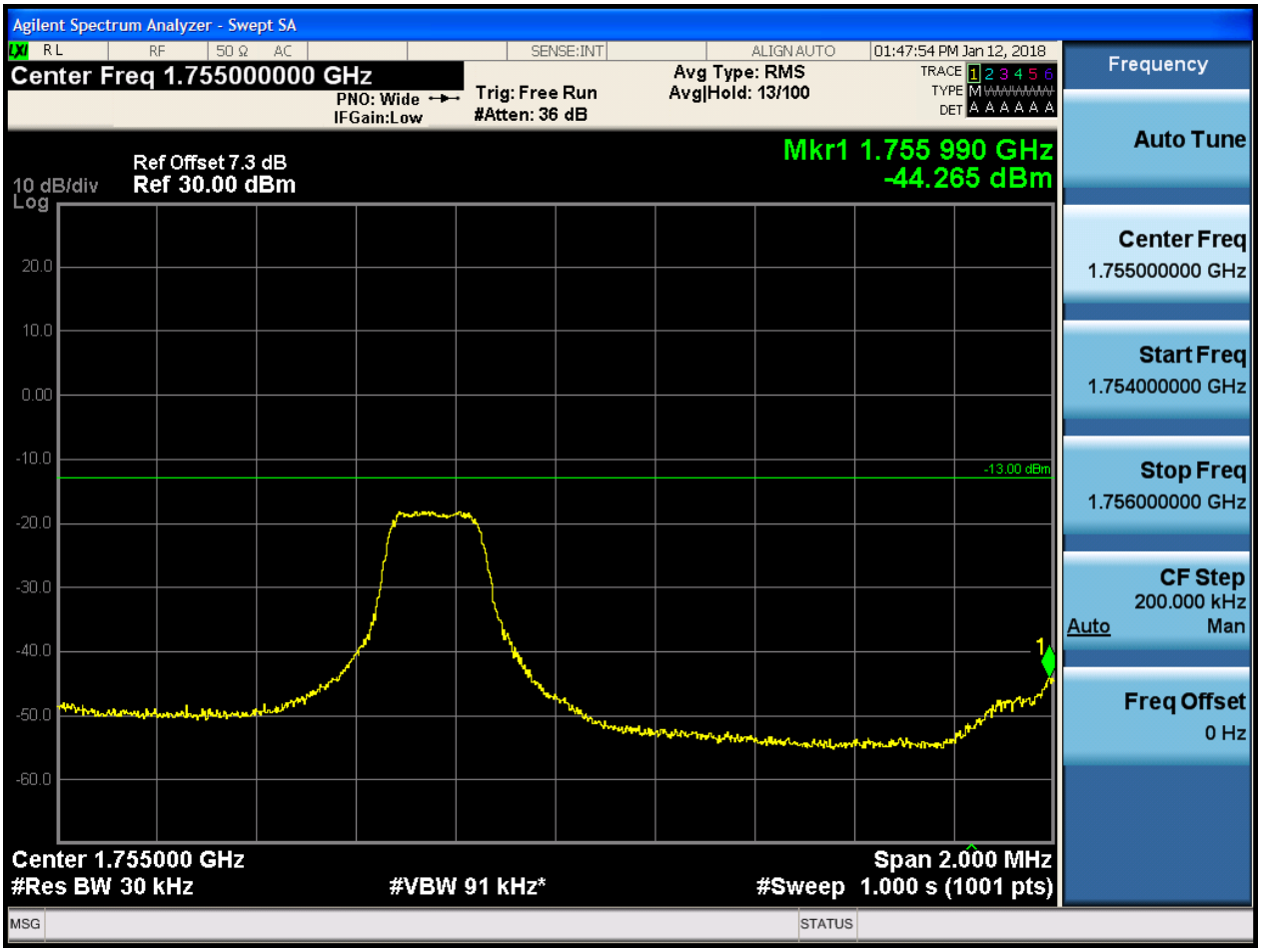


#### 5.1.1.1.2.1.4 Test RB = RB15#0

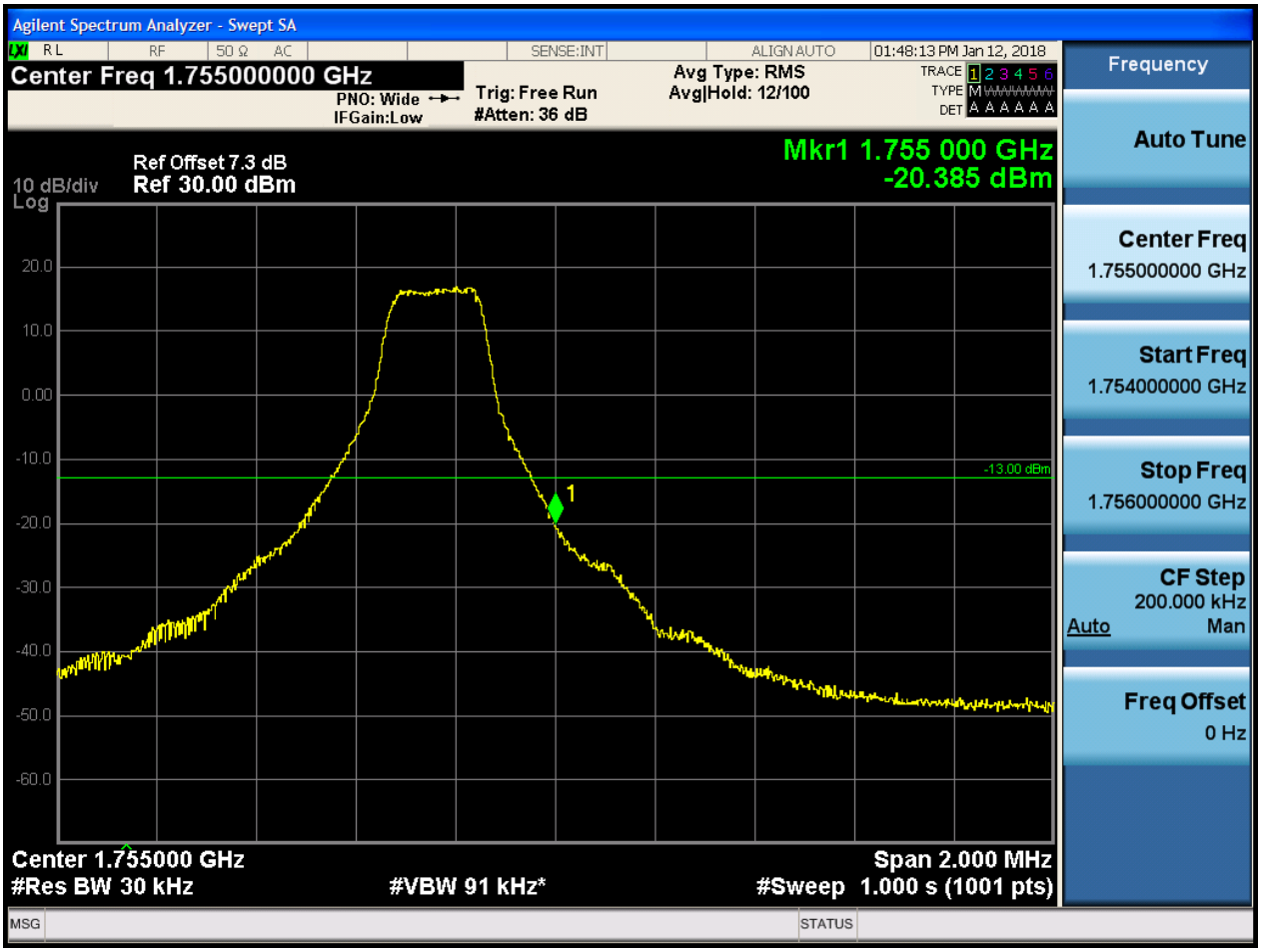


#### 5.1.1.1.2.2 Test Channel = HCH

##### 5.1.1.1.2.2.1 Test RB = RB1#0



### 5.1.1.1.2.2.2 Test RB = RB1#14



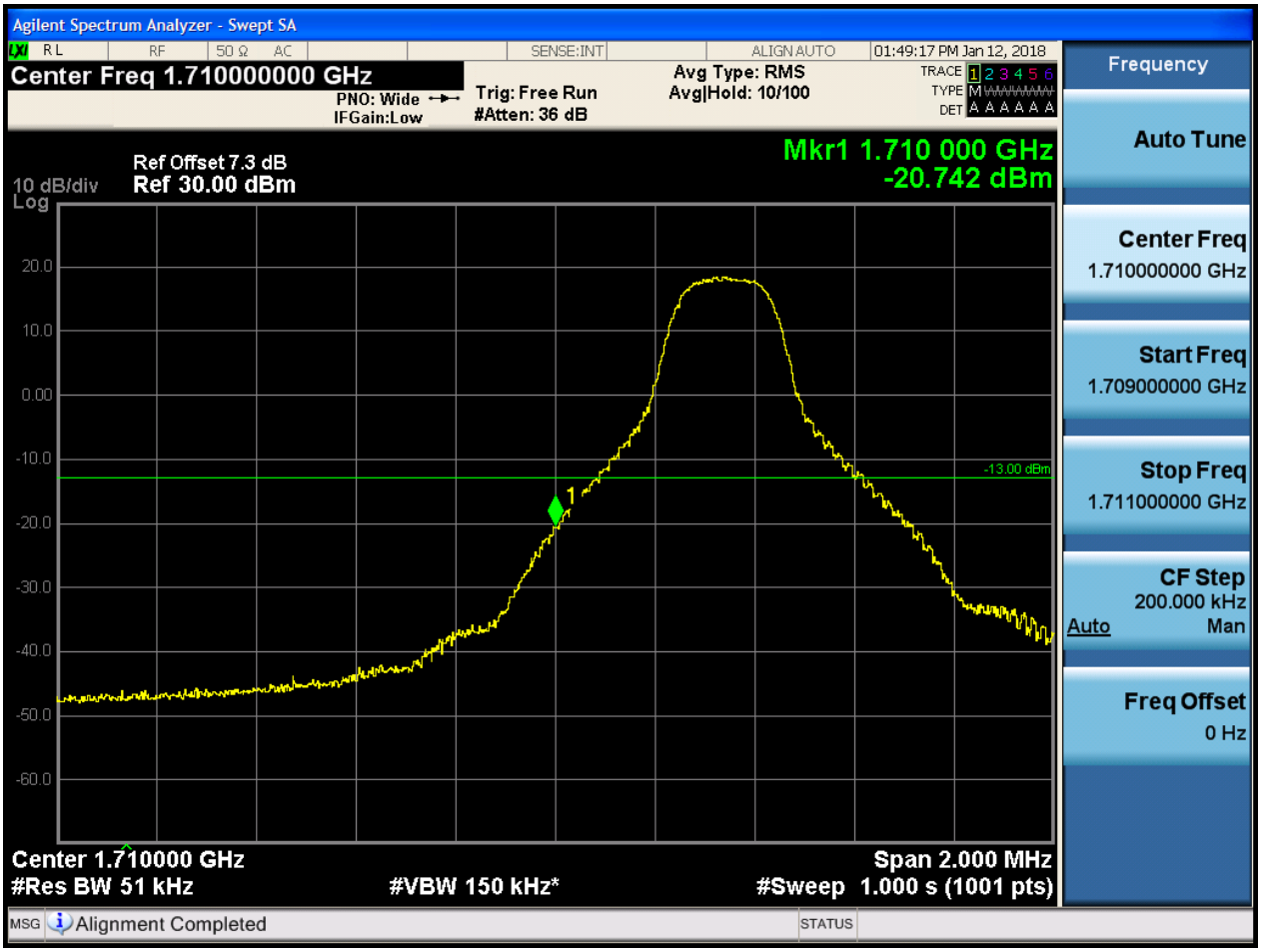
### 5.1.1.1.2.2.3 Test RB = RB8#4

### 5.1.1.1.2.2.4 Test RB = RB15#0

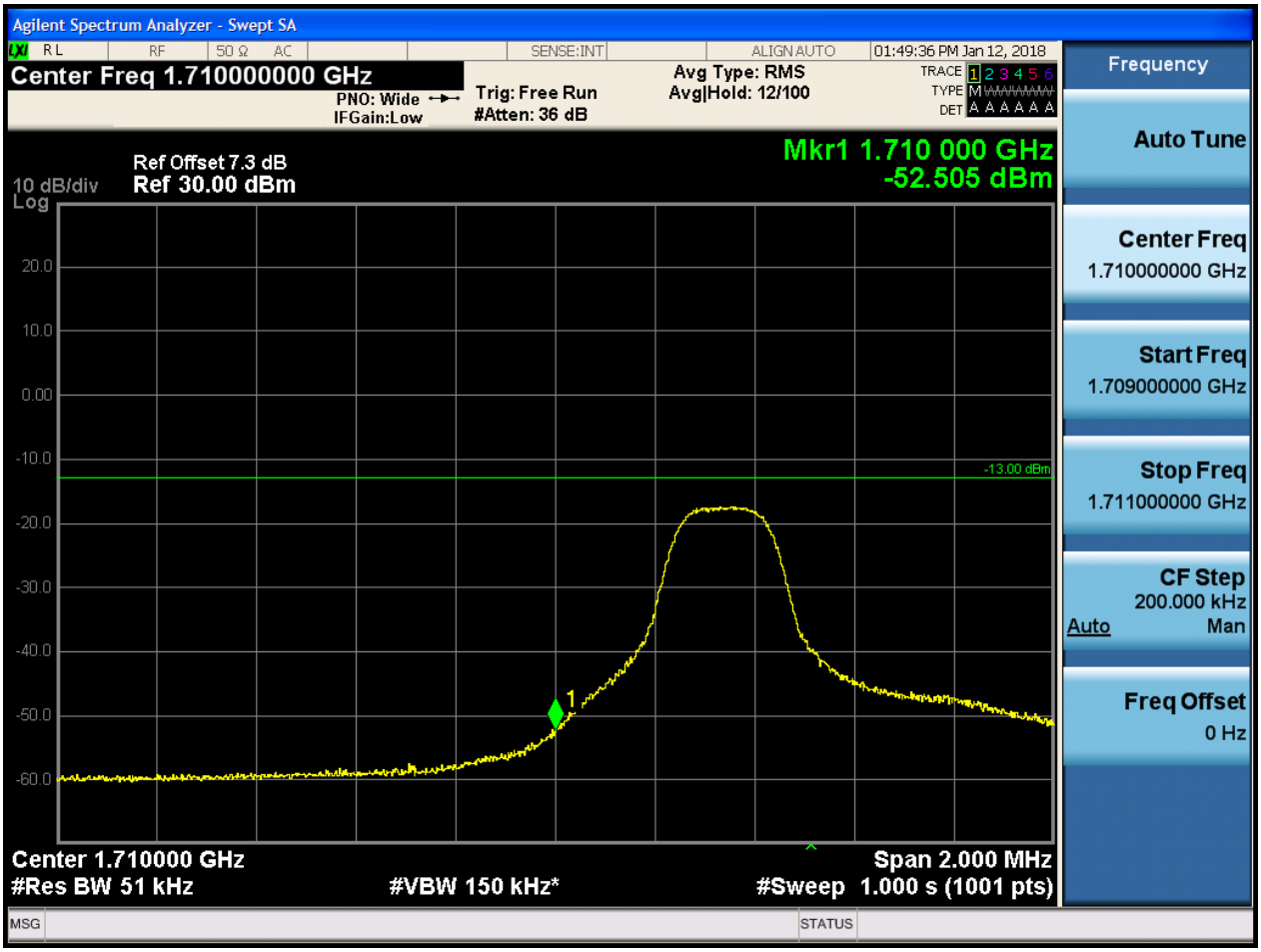
#### 5.1.1.1.3 Test Bandwidth = 5

##### 5.1.1.1.3.1 Test Channel = LCH

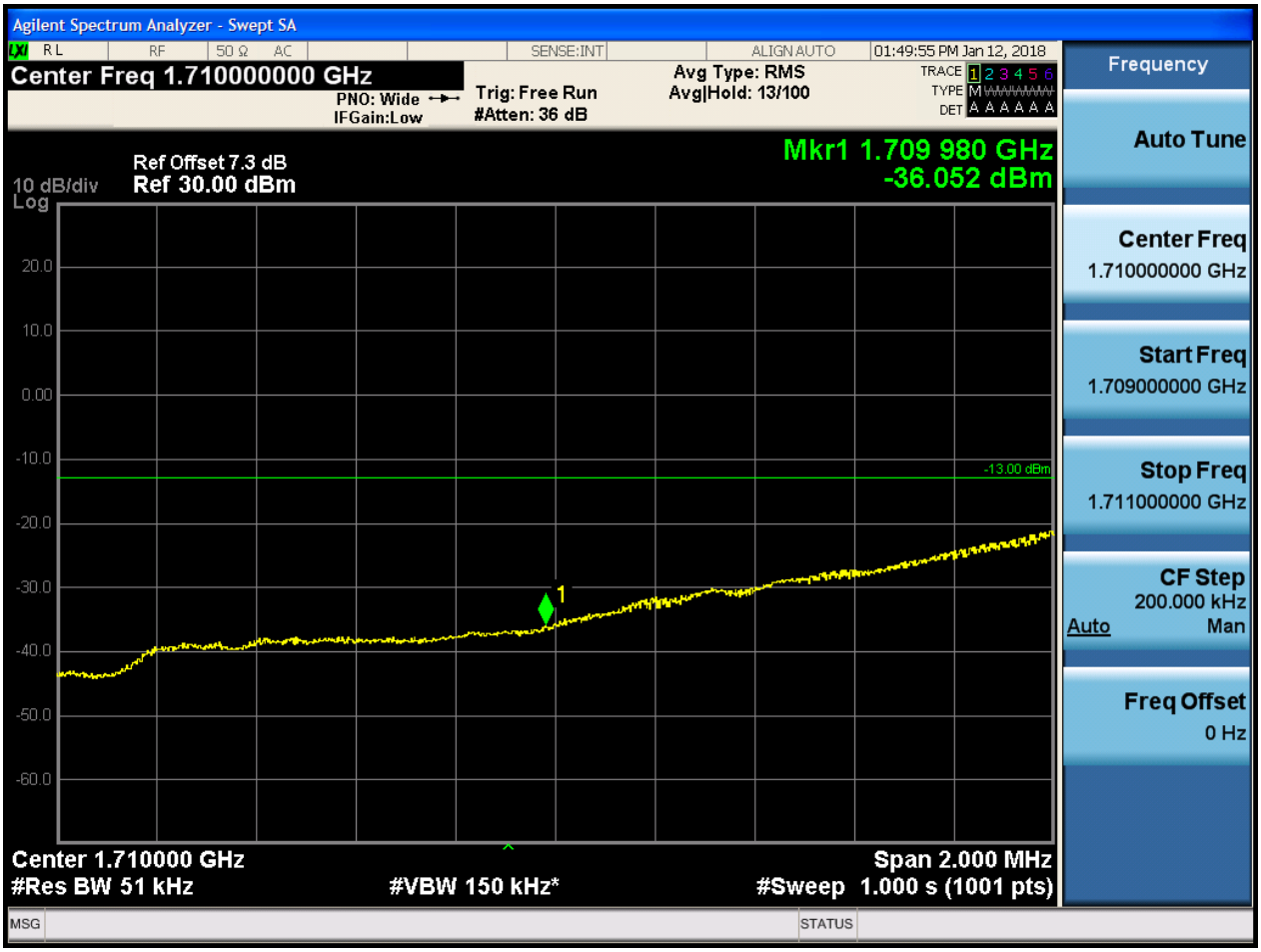
###### 5.1.1.1.3.1.1 Test RB = RB1#0



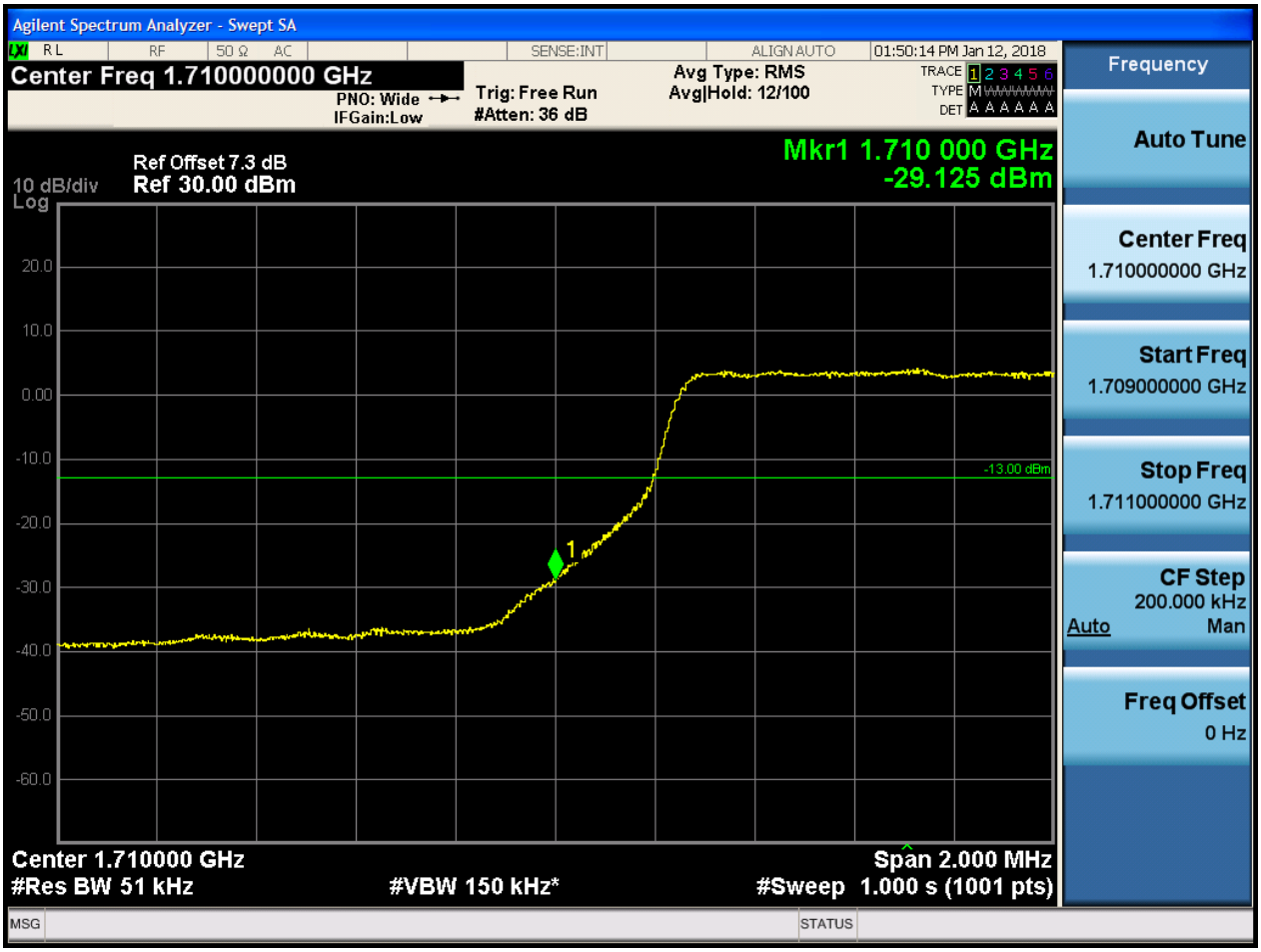
### 5.1.1.1.3.1.2 Test RB = RB1#24



### 5.1.1.1.3.1.3 Test RB = RB12#6

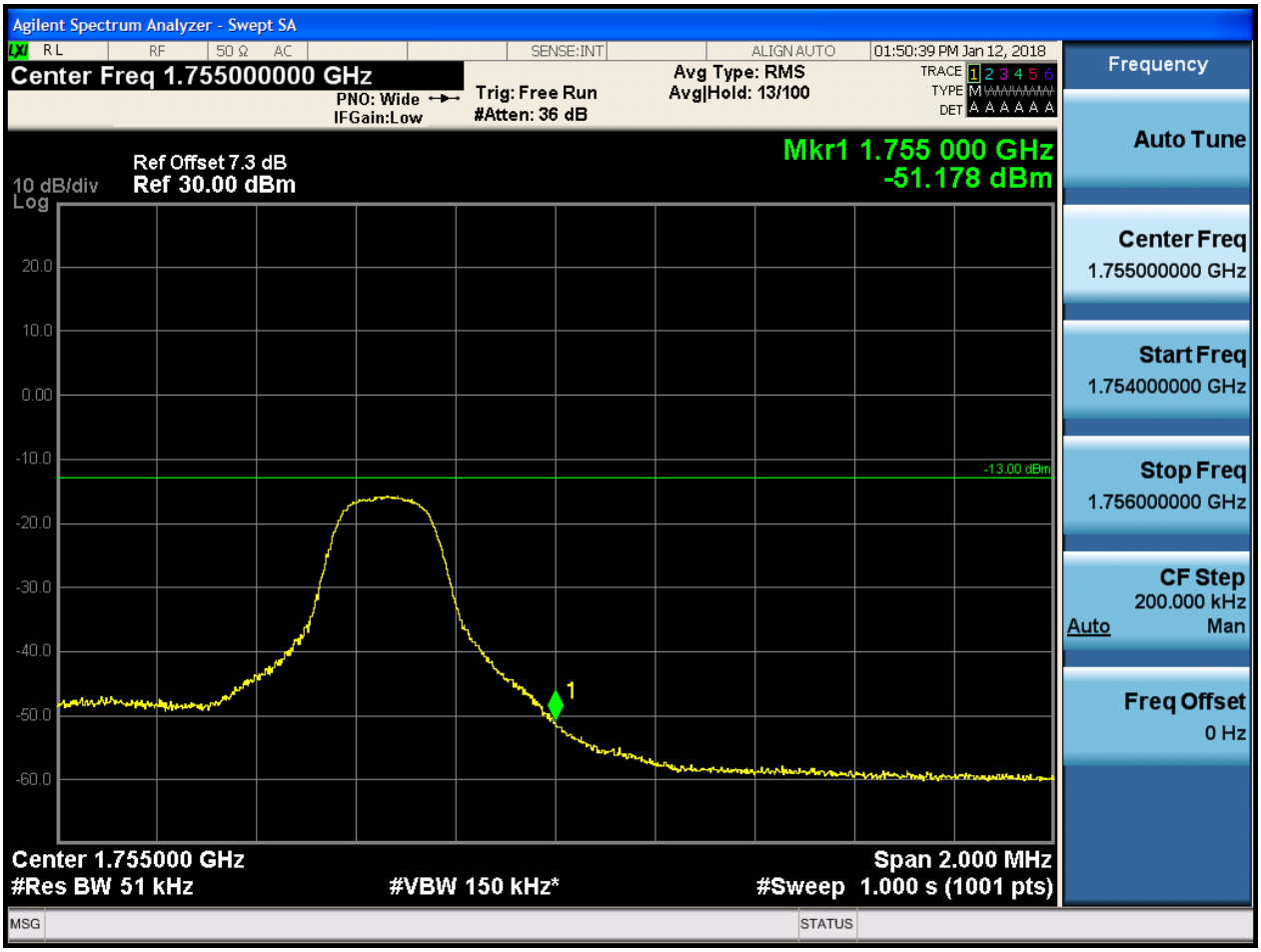


### 5.1.1.1.3.1.4 Test RB = RB25#0

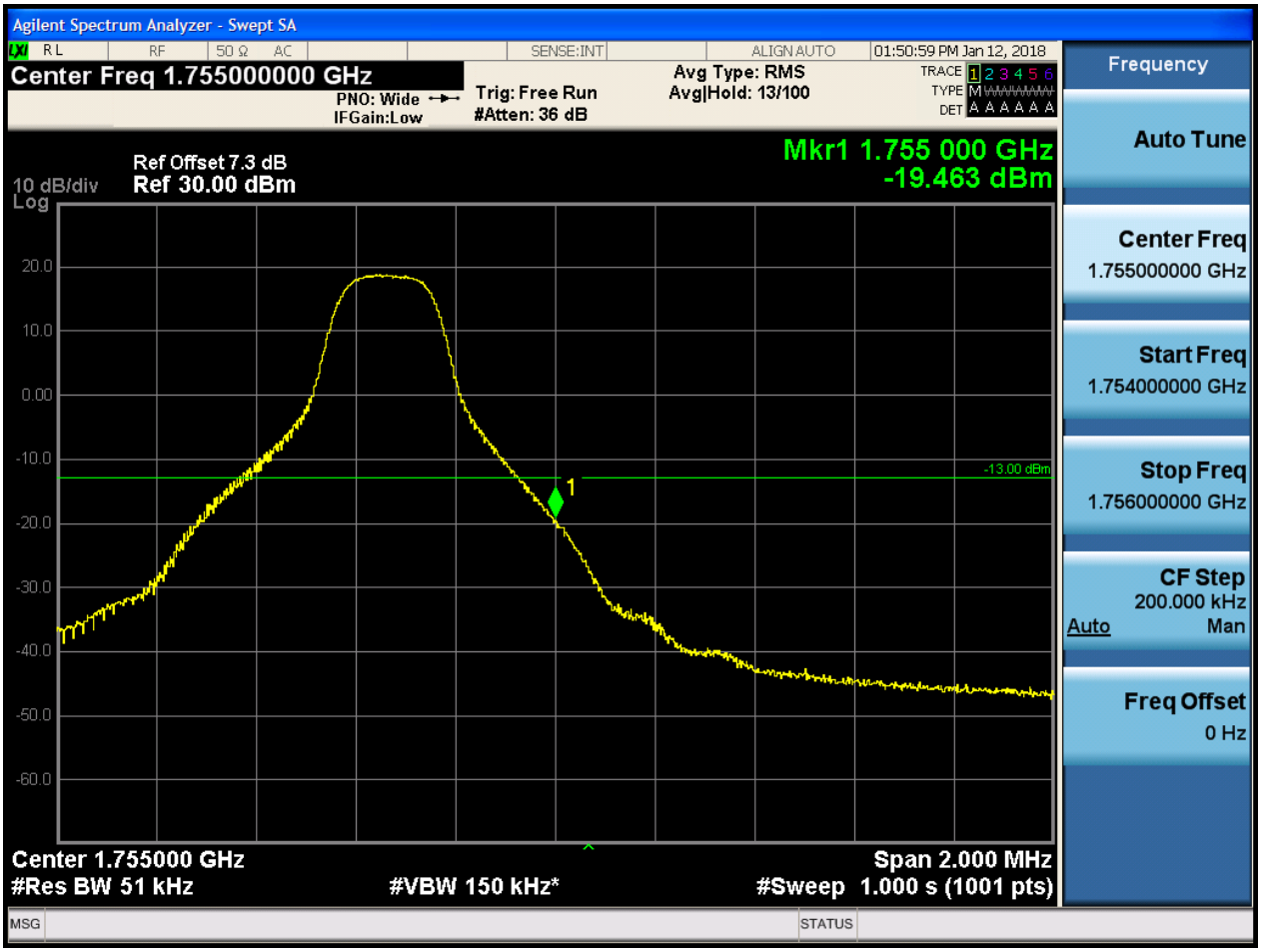


#### 5.1.1.1.3.2 Test Channel = HCH

##### 5.1.1.1.3.2.1 Test RB = RB1#0

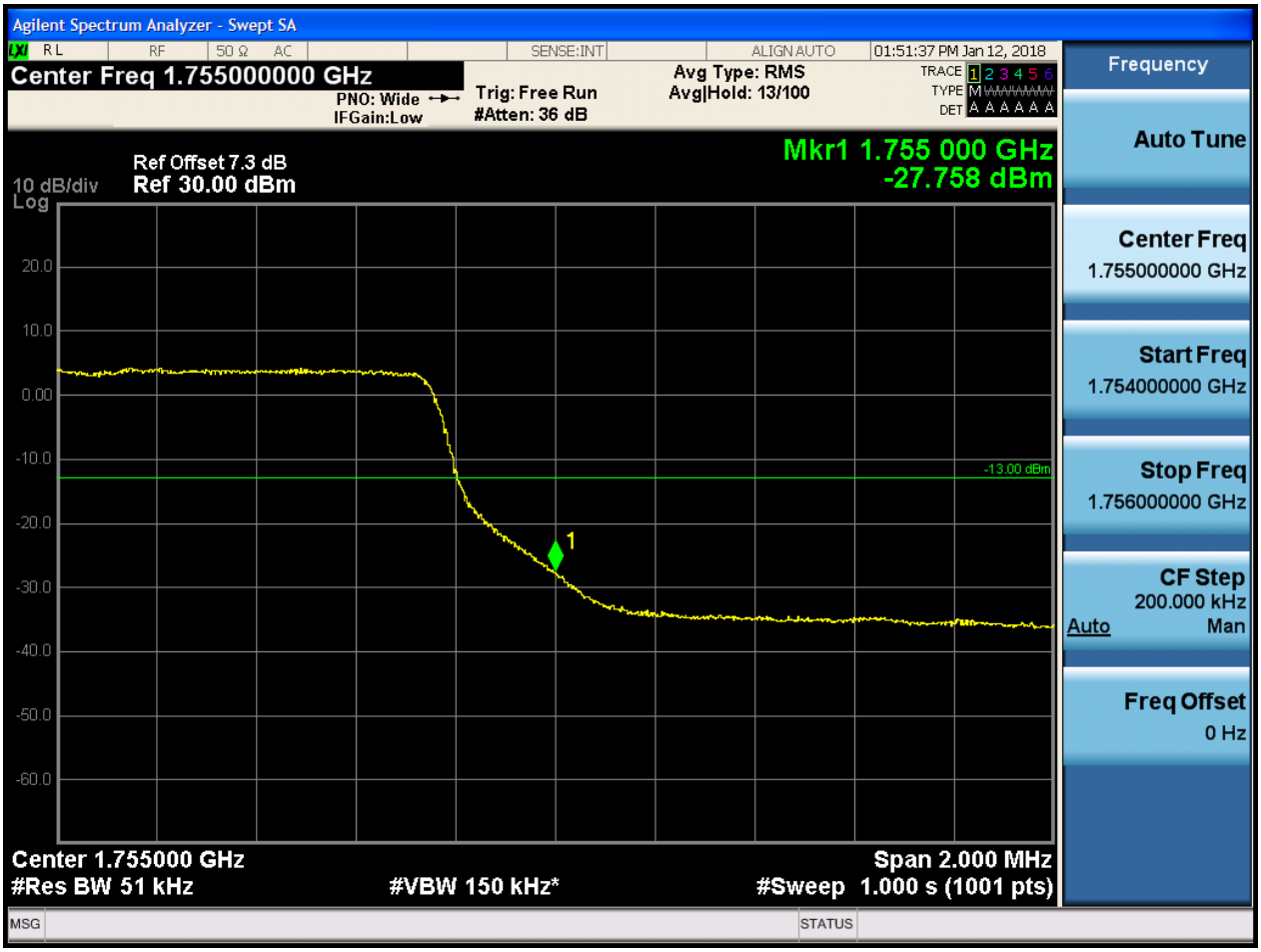


### 5.1.1.1.3.2.2 Test RB = RB1#24



### 5.1.1.1.3.2.3 Test RB = RB12#6

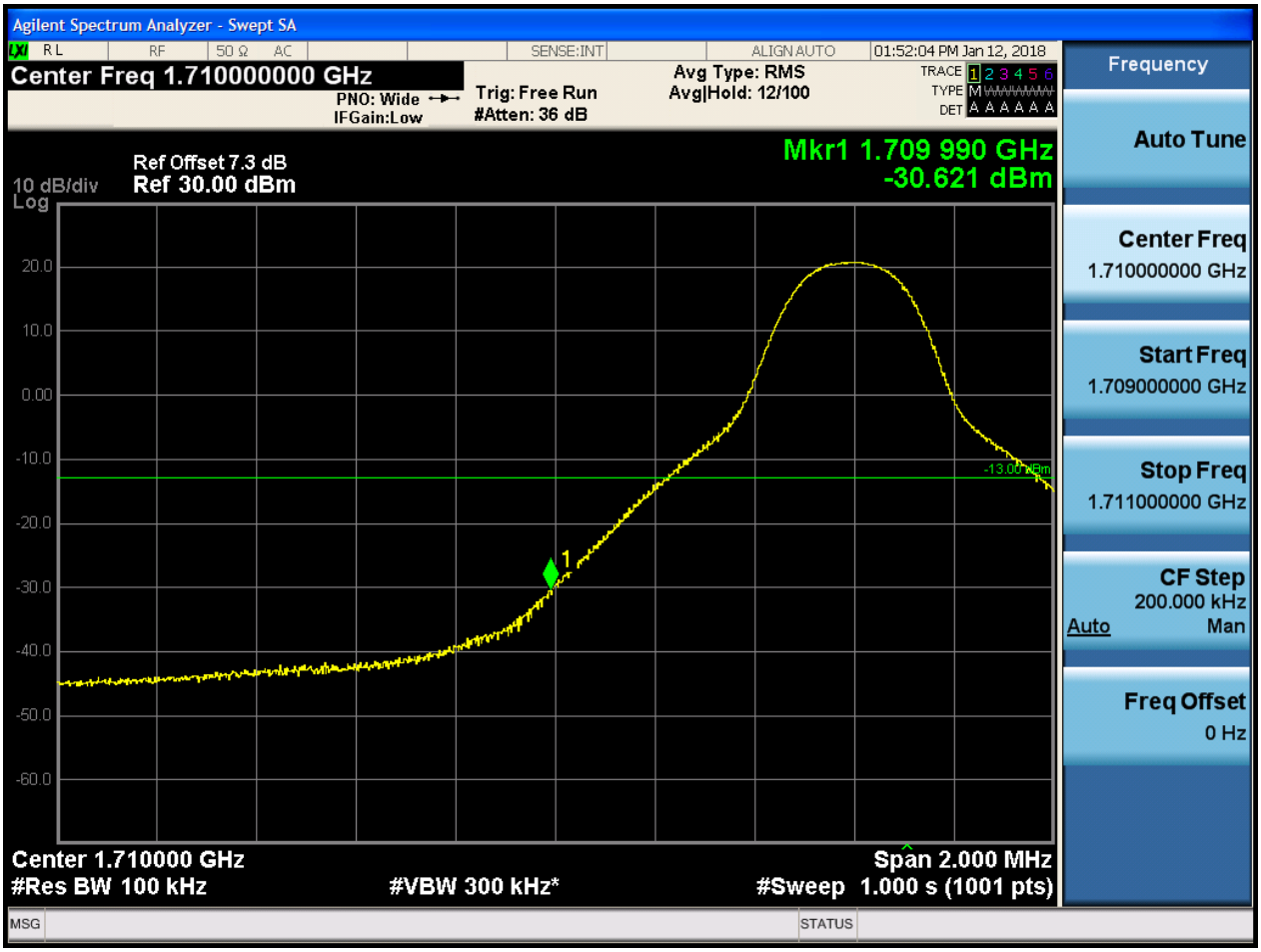
#### 5.1.1.1.3.2.4 Test RB = RB25#0



#### 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