



Appendix B

E-UTRA BAND 26 (814MHz-824MHz)



CONTENT

| | | |
|----------|--|----|
| 1. | EFFECTIVE (ISOTROPIC) RADIATED POWER | 3 |
| 1.1. | Test Result..... | 3 |
| 2. | PEAK-TO-AVERAGE RATIO(CCDF) | 9 |
| 2.1. | Test Result | 9 |
| 2.2. | Test Plots..... | 9 |
| 3. | MODULATION CHARACTERISTICS | 11 |
| 3.1. | Test BAND = LTE BAND26..... | 11 |
| 3.1.1. | Test Mode = LTE /TM1 10MHz..... | 11 |
| 3.1.1.1. | Test Channel = MCH..... | 11 |
| 3.1.2. | Test Mode = LTE /TM2 10MHz..... | 12 |
| 3.1.2.1. | Test Channel = MCH..... | 12 |
| 3.1.3. | Test Mode = LTE /TM3 10MHz..... | 13 |
| 3.1.3.1. | Test Channel = MCH..... | 13 |
| 4. | 26dB BANDWIDTH AND OCCUPIED BANDWIDTH..... | 14 |
| 4.1. | Test Result..... | 14 |
| 4.2. | Test Plots..... | 15 |
| 5. | BAND EDGE COMPLIANCE | 26 |
| 5.1. | Test Plots..... | 26 |
| 6. | SPURIOUS EMISSION AT ANTENNA TERMINAL | 43 |
| 6.1. | Test Plots..... | 43 |
| 7. | FIELD STRENGTH OF SPURIOUS RADIATION | 46 |
| 7.1. | Test BAND = LTE BAND 26-Main Antenna | 46 |
| 7.1.1. | Test Mode =LTE/TM1 10MHz RB1#0..... | 46 |
| 7.1.1.1. | Test Channel = MCH_H..... | 46 |
| 7.1.1.2. | Test Channel = MCH_V..... | 47 |
| 7.2. | Test BAND = LTE BAND 26-Second Antenna | 48 |
| 7.2.1. | Test Mode =LTE/TM1 10MHz RB1#0..... | 48 |
| 7.2.1.1. | Test Channel = MCH_H..... | 48 |
| 7.2.1.2. | Test Channel = MCH_V..... | 49 |
| 8. | FREQUENCY STABILITY | 50 |
| 8.1. | Frequency Vs Voltage | 50 |
| 8.2. | Frequency Vs Temperature..... | 50 |



1. Effective (Isotropic) Radiated Power

1.1. Test Result

| BAND | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|-----------|-------------|---------|
| BAND26 | 1.4MHz | QPSK | 26697 | 1RB#0 | 24.00 | 18.9 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26697 | 1RB#2 | 23.87 | 18.77 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26697 | 1RB#5 | 24.04 | 18.94 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26697 | 3RB#0 | 23.89 | 18.79 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26697 | 3RB#1 | 23.91 | 18.81 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26697 | 3RB#3 | 24.20 | 19.10 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26697 | 6RB#0 | 22.59 | 17.49 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 1RB#0 | 24.23 | 19.13 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 1RB#2 | 23.82 | 18.72 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 1RB#5 | 24.07 | 18.97 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 3RB#0 | 23.95 | 18.85 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 3RB#1 | 23.92 | 18.82 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 3RB#3 | 23.97 | 18.87 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 6RB#0 | 22.45 | 17.35 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 1RB#0 | 24.27 | 19.17 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 1RB#2 | 23.86 | 18.76 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 1RB#5 | 24.04 | 18.94 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 3RB#0 | 24.08 | 18.98 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 3RB#1 | 23.96 | 18.86 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 3RB#3 | 24.02 | 18.92 | 50.00 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 6RB#0 | 22.48 | 17.38 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 1RB#0 | 22.99 | 17.89 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 1RB#2 | 22.81 | 17.71 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 1RB#5 | 23.03 | 17.93 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 3RB#0 | 22.98 | 17.88 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 3RB#1 | 22.94 | 17.84 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 3RB#3 | 23.16 | 18.06 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 6RB#0 | 22.04 | 16.94 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26740 | 1RB#0 | 22.33 | 17.23 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26740 | 1RB#2 | 21.77 | 16.67 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26740 | 1RB#5 | 22.18 | 17.08 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26740 | 3RB#0 | 22.10 | 17.00 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26740 | 3RB#1 | 21.96 | 16.86 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26740 | 3RB#3 | 22.00 | 16.90 | 50.00 | PASS |



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Report No.: SZEM180700654901

Page: 4 of 50

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|--------|--------|-------|-------|--------|-------|-------|-------|------|
| BAND26 | 1.4MHz | 64QAM | 26740 | 6RB#0 | 20.98 | 15.88 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 1RB#0 | 22.38 | 17.28 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 1RB#2 | 22.00 | 16.9 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 1RB#5 | 22.21 | 17.11 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 3RB#0 | 22.04 | 16.94 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 3RB#1 | 22.03 | 16.93 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 3RB#3 | 21.97 | 16.87 | 50.00 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 6RB#0 | 20.93 | 15.83 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 1RB#0 | 23.11 | 18.01 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 1RB#2 | 22.93 | 17.83 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 1RB#5 | 23.12 | 18.02 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 3RB#0 | 22.86 | 17.76 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 3RB#1 | 22.95 | 17.85 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 3RB#3 | 23.28 | 18.18 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 6RB#0 | 22.06 | 16.96 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 1RB#0 | 23.35 | 18.25 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 1RB#2 | 22.97 | 17.87 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 1RB#5 | 23.20 | 18.10 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 3RB#0 | 23.03 | 17.93 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 3RB#1 | 22.98 | 17.88 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 3RB#3 | 23.05 | 17.95 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 6RB#0 | 21.94 | 16.84 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 1RB#0 | 23.36 | 18.26 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 1RB#2 | 22.88 | 17.78 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 1RB#5 | 23.23 | 18.13 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 3RB#0 | 23.10 | 18.00 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 3RB#1 | 22.87 | 17.77 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 3RB#3 | 23.02 | 17.92 | 50.00 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 6RB#0 | 22.18 | 17.08 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 1RB#0 | 24.10 | 19.00 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 1RB#8 | 23.09 | 17.99 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 1RB#14 | 24.06 | 18.96 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 8RB#0 | 22.72 | 17.62 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 8RB#4 | 22.64 | 17.54 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 8RB#7 | 22.64 | 17.54 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 15RB#0 | 22.60 | 17.5 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26740 | 1RB#0 | 24.06 | 18.96 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26740 | 1RB#8 | 23.18 | 18.08 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26740 | 1RB#14 | 24.21 | 19.11 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26740 | 8RB#0 | 22.70 | 17.60 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26740 | 8RB#4 | 22.49 | 17.39 | 50.00 | PASS |

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Report No.: SZEM180700654901

Page: 5 of 50

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|--------|------|-------|-------|--------|-------|-------|-------|------|
| BAND26 | 3MHz | QPSK | 26740 | 8RB#7 | 22.68 | 17.58 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26740 | 15RB#0 | 22.64 | 17.54 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 1RB#0 | 24.11 | 19.01 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 1RB#8 | 23.19 | 18.09 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 1RB#14 | 24.23 | 19.13 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 8RB#0 | 22.54 | 17.44 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 8RB#4 | 22.64 | 17.54 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 8RB#7 | 22.70 | 17.60 | 50.00 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 15RB#0 | 22.65 | 17.55 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 1RB#0 | 23.11 | 18.01 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 1RB#8 | 22.04 | 16.94 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 1RB#14 | 23.10 | 18.00 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 8RB#0 | 22.19 | 17.09 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 8RB#4 | 22.10 | 17.00 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 8RB#7 | 22.08 | 16.98 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 15RB#0 | 22.03 | 16.93 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 1RB#0 | 22.39 | 17.29 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 1RB#8 | 21.31 | 16.21 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 1RB#14 | 22.27 | 17.17 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 8RB#0 | 21.21 | 16.11 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 8RB#4 | 20.95 | 15.85 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 8RB#7 | 21.07 | 15.97 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 15RB#0 | 21.01 | 15.91 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 1RB#0 | 22.21 | 17.11 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 1RB#8 | 21.38 | 16.28 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 1RB#14 | 22.34 | 17.24 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 8RB#0 | 21.05 | 15.95 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 8RB#4 | 21.10 | 16.00 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 8RB#7 | 21.19 | 16.09 | 50.00 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 15RB#0 | 21.07 | 15.97 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 1RB#0 | 23.25 | 18.15 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 1RB#8 | 22.22 | 17.12 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 1RB#14 | 23.28 | 18.18 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 8RB#0 | 22.21 | 17.11 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 8RB#4 | 22.12 | 17.02 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 8RB#7 | 22.07 | 16.97 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 15RB#0 | 22.03 | 16.93 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26740 | 1RB#0 | 23.26 | 18.16 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26740 | 1RB#8 | 22.38 | 17.28 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26740 | 1RB#14 | 23.37 | 18.27 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26740 | 8RB#0 | 22.17 | 17.07 | 50.00 | PASS |

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Report No.: SZEM180700654901

Page: 6 of 50

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|--------|------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 3MHz | 16QAM | 26740 | 8RB#4 | 21.93 | 16.83 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26740 | 8RB#7 | 22.14 | 17.04 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26740 | 15RB#0 | 22.07 | 16.97 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 1RB#0 | 23.24 | 18.14 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 1RB#8 | 22.35 | 17.25 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 1RB#14 | 23.37 | 18.27 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 8RB#0 | 22.02 | 16.92 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 8RB#4 | 22.09 | 16.99 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 8RB#7 | 22.12 | 17.02 | 50.00 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 15RB#0 | 22.07 | 16.97 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 1RB#0 | 23.82 | 18.72 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 1RB#12 | 23.53 | 18.43 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 1RB#24 | 24.22 | 19.12 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 12RB#0 | 22.43 | 17.33 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 12RB#6 | 22.83 | 17.73 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 12RB#13 | 22.77 | 17.67 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 25RB#0 | 22.48 | 17.38 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 1RB#0 | 24.07 | 18.97 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 1RB#12 | 23.57 | 18.47 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 1RB#24 | 24.13 | 19.03 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 12RB#0 | 22.64 | 17.54 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 12RB#6 | 22.75 | 17.65 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 12RB#13 | 22.72 | 17.62 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 25RB#0 | 22.61 | 17.51 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 1RB#0 | 24.27 | 19.17 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 1RB#12 | 23.53 | 18.43 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 1RB#24 | 24.25 | 19.15 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 12RB#0 | 22.79 | 17.69 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 12RB#6 | 22.71 | 17.61 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 12RB#13 | 22.65 | 17.55 | 50.00 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 25RB#0 | 22.63 | 17.53 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 1RB#0 | 22.83 | 17.73 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 1RB#12 | 22.67 | 17.57 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 1RB#24 | 23.20 | 18.10 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 12RB#0 | 21.94 | 16.84 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 12RB#6 | 22.26 | 17.16 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 12RB#13 | 22.21 | 17.11 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 25RB#0 | 21.92 | 16.82 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26740 | 1RB#0 | 22.23 | 17.13 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26740 | 1RB#12 | 21.74 | 16.64 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26740 | 1RB#24 | 22.30 | 17.2 | 50.00 | PASS |

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Report No.: SZEM180700654901

Page: 7 of 50

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|--------|-------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 5MHz | 64QAM | 26740 | 12RB#0 | 21.12 | 16.02 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26740 | 12RB#6 | 21.20 | 16.1 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26740 | 12RB#13 | 21.18 | 16.08 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26740 | 25RB#0 | 21.07 | 15.97 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 1RB#0 | 22.32 | 17.22 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 1RB#12 | 21.80 | 16.70 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 1RB#24 | 22.39 | 17.29 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 12RB#0 | 21.29 | 16.19 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 12RB#6 | 21.21 | 16.11 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 12RB#13 | 21.14 | 16.04 | 50.00 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 25RB#0 | 21.10 | 16.00 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 1RB#0 | 22.94 | 17.84 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 1RB#12 | 22.83 | 17.73 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 1RB#24 | 23.35 | 18.25 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 12RB#0 | 21.90 | 16.8 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 12RB#6 | 22.25 | 17.15 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 12RB#13 | 22.22 | 17.12 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 25RB#0 | 21.93 | 16.83 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 1RB#0 | 23.29 | 18.19 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 1RB#12 | 22.78 | 17.68 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 1RB#24 | 23.33 | 18.23 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 12RB#0 | 22.07 | 16.97 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 12RB#6 | 22.19 | 17.09 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 12RB#13 | 22.15 | 17.05 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 25RB#0 | 22.03 | 16.93 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 1RB#0 | 23.38 | 18.28 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 1RB#12 | 22.77 | 17.67 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 1RB#24 | 23.39 | 18.29 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 12RB#0 | 22.26 | 17.16 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 12RB#6 | 22.17 | 17.07 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 12RB#13 | 22.10 | 17.00 | 50.00 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 25RB#0 | 22.05 | 16.95 | 50.00 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 1RB#0 | 24.23 | 19.13 | 50.00 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 1RB#24 | 23.88 | 18.78 | 50.00 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 1RB#49 | 24.06 | 18.96 | 50.00 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 25RB#0 | 22.72 | 17.62 | 50.00 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 25RB#12 | 22.61 | 17.51 | 50.00 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 25RB#25 | 22.51 | 17.41 | 50.00 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | 22.59 | 17.49 | 50.00 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 1RB#0 | 22.41 | 17.31 | 50.00 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 1RB#24 | 21.90 | 16.8 | 50.00 | PASS |

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Shenzhen Branch

Report No.: SZEM180700654901

Page: 8 of 50

| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 10MHz | 64QAM | 26740 | 1RB#49 | 22.25 | 17.15 | 50.00 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 25RB#0 | 21.21 | 16.11 | 50.00 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 25RB#12 | 21.05 | 15.95 | 50.00 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 25RB#25 | 20.99 | 15.89 | 50.00 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | 21.06 | 15.96 | 50.00 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 1RB#0 | 23.40 | 18.3 | 50.00 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 1RB#24 | 23.05 | 17.95 | 50.00 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 1RB#49 | 23.20 | 18.10 | 50.00 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 25RB#0 | 22.18 | 17.08 | 50.00 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 25RB#12 | 22.04 | 16.94 | 50.00 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 25RB#25 | 21.94 | 16.84 | 50.00 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | 21.99 | 16.89 | 50.00 | PASS |

Note:

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

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

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

b: SGP=Signal Generator Level

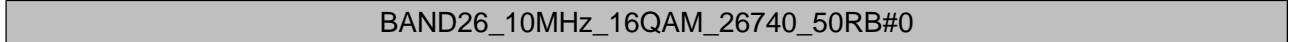
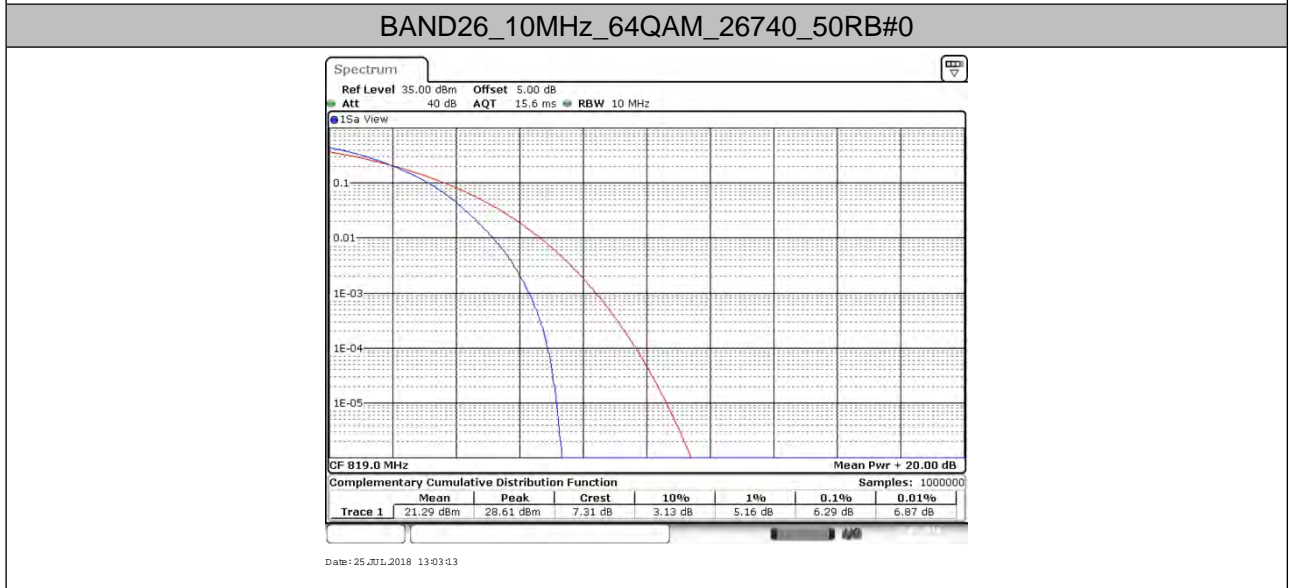
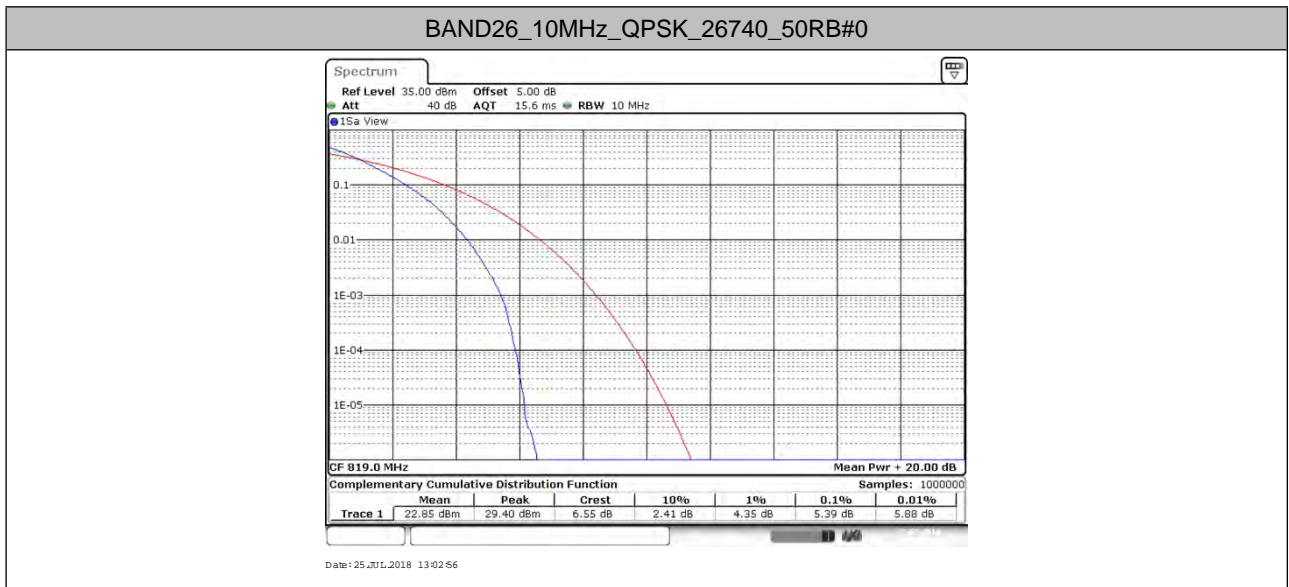


2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

| BAND | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | 5.39 | 13 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | 6.29 | 13 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | 6.09 | 13 | PASS |

2.2. Test Plots

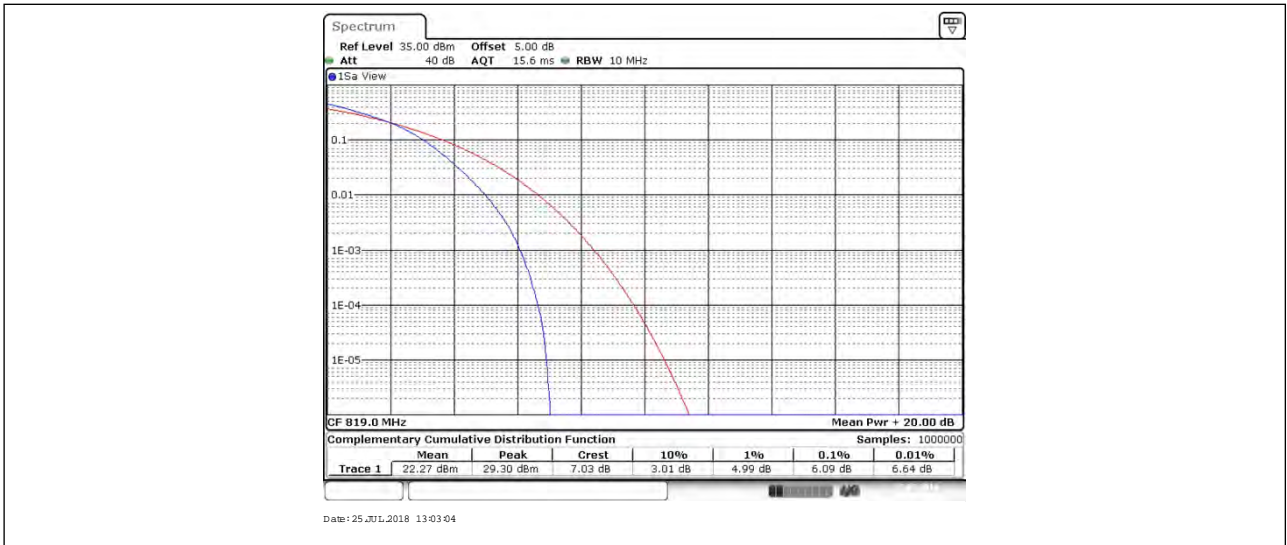




SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180700654901

Page: 10 of 50

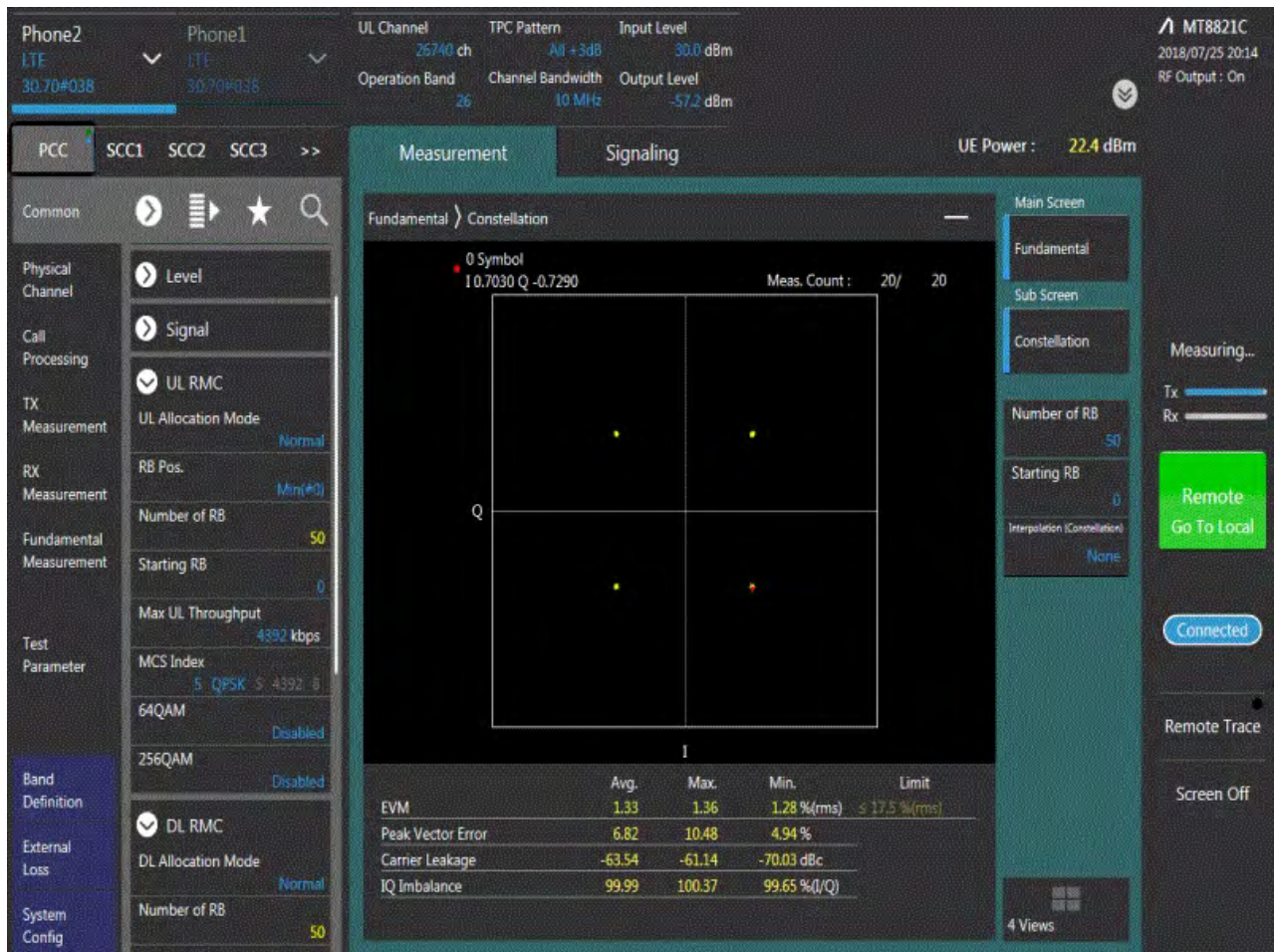


3. Modulation Characteristics

3.1. Test BAND = LTE BAND26

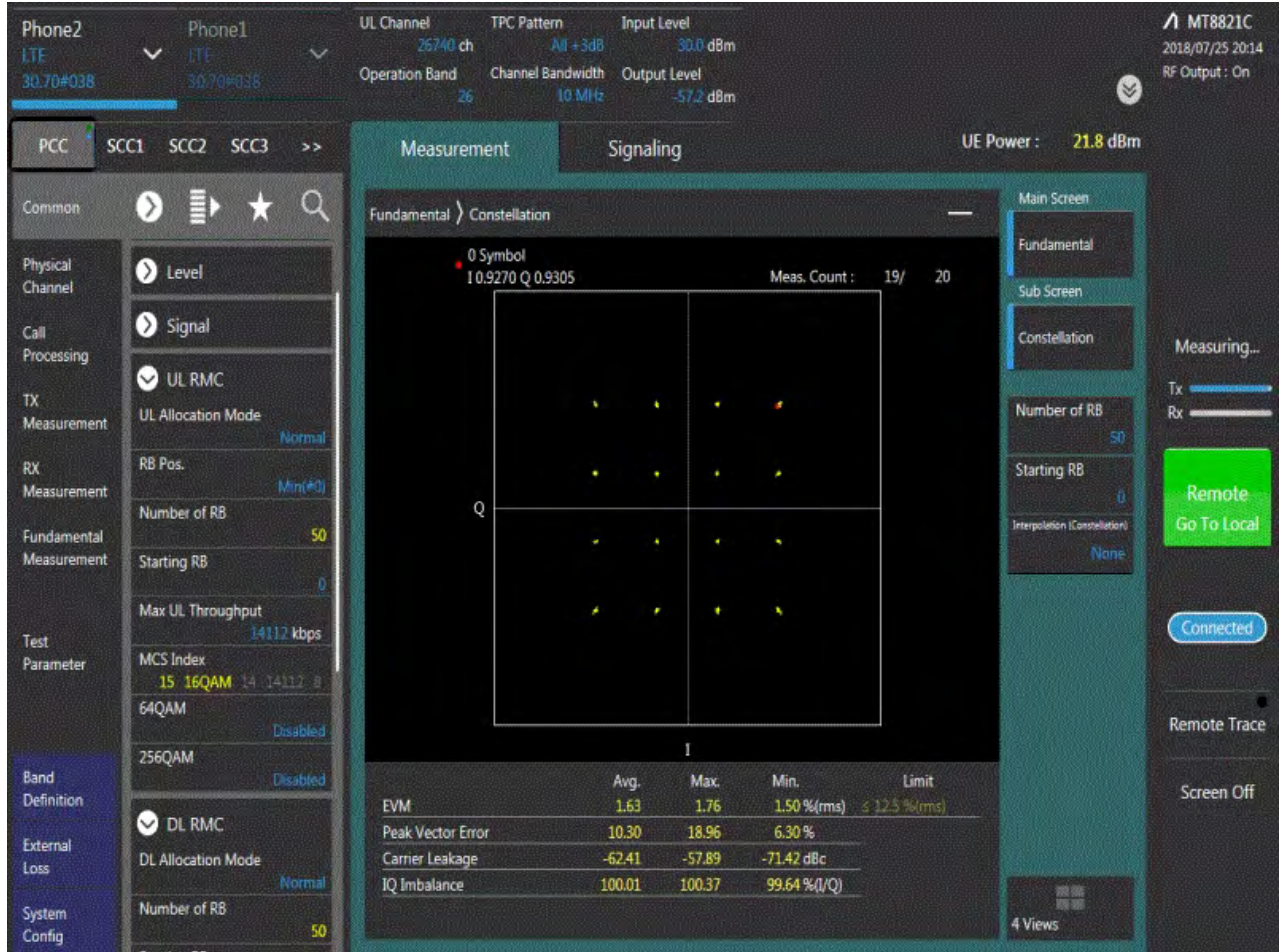
3.1.1. Test Mode = LTE /TM1 10MHz

3.1.1.1. Test Channel = MCH



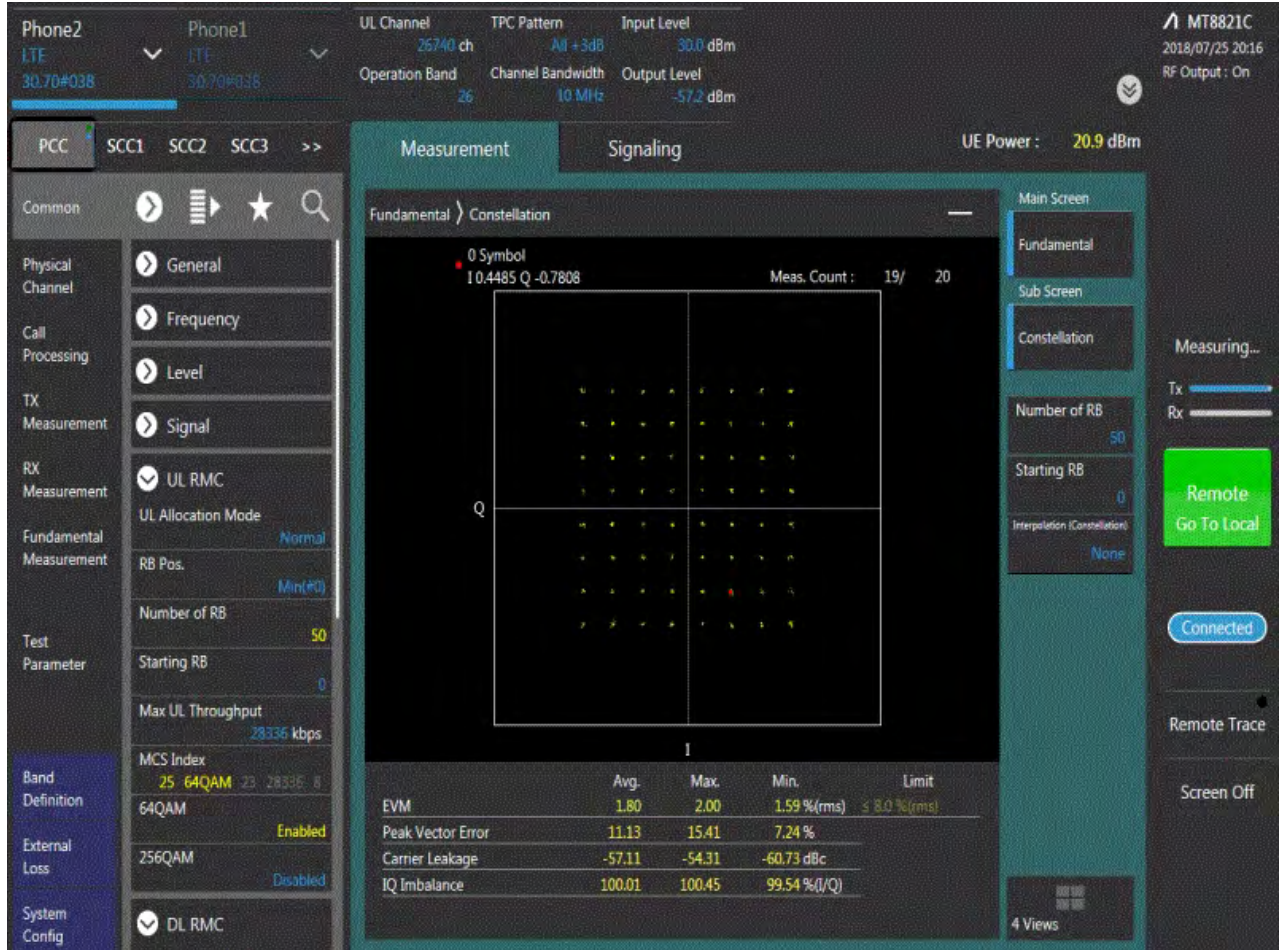
3.1.2. Test Mode = LTE /TM2 10MHz

3.1.2.1. Test Channel = MCH



3.1.3. Test Mode = LTE /TM3 10MHz

3.1.3.1. Test Channel = MCH





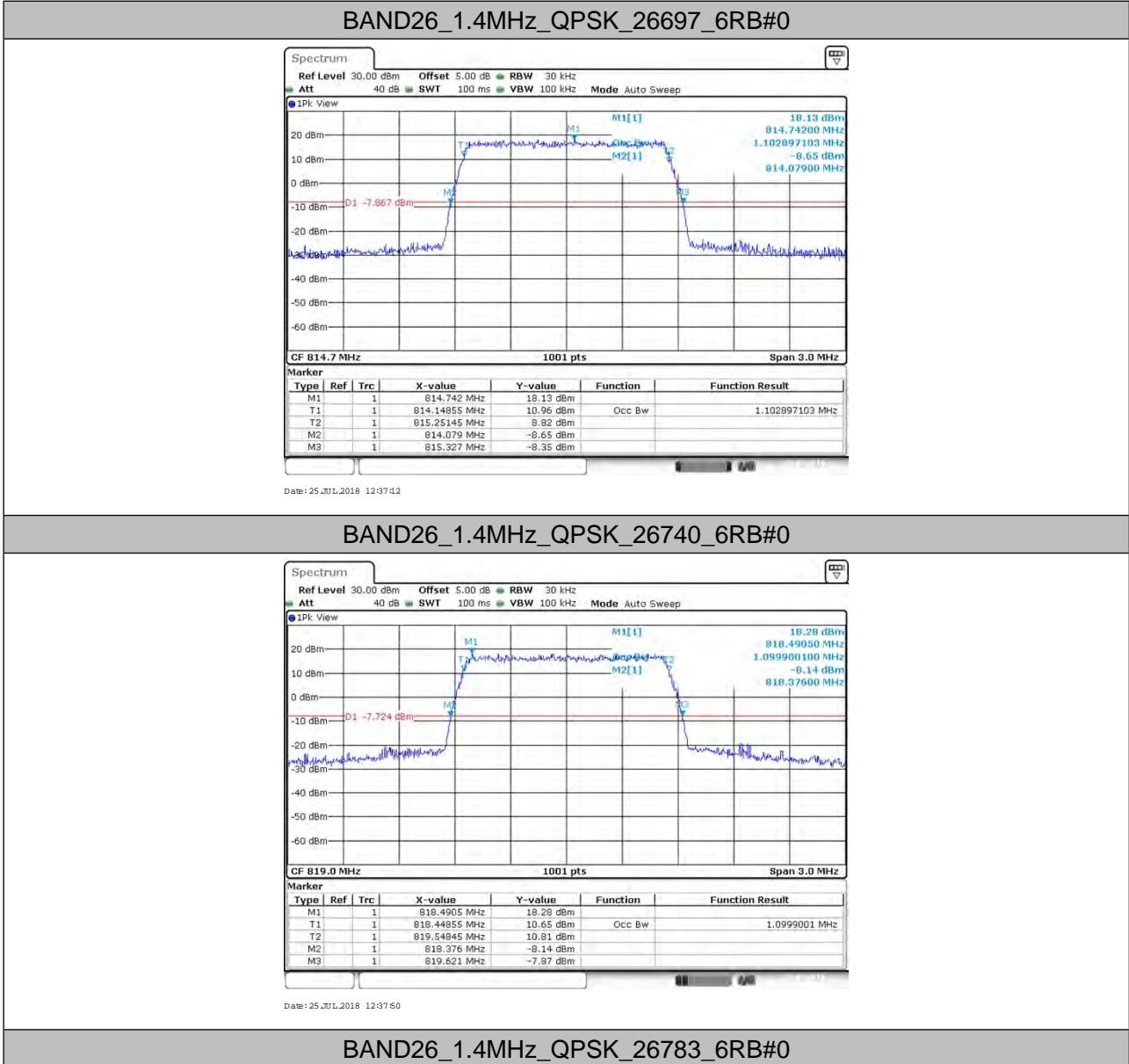
4. 26dB Bandwidth and Occupied Bandwidth

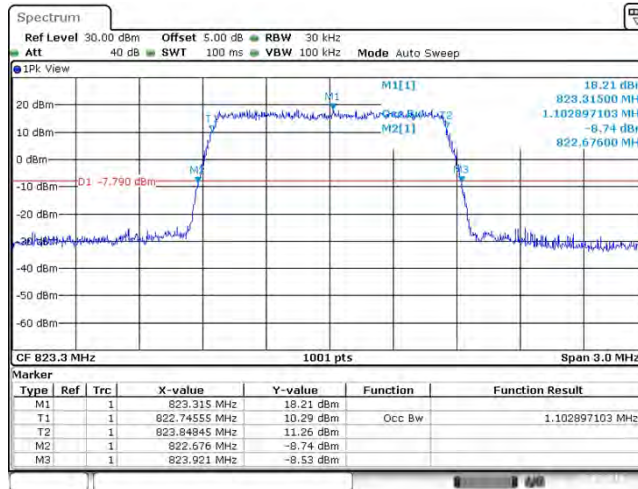
4.1. Test Result

| BAND | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| BAND26 | 1.4MHz | QPSK | 26697 | 6RB#0 | 1.103 | 1.248 | PASS |
| BAND26 | 1.4MHz | QPSK | 26740 | 6RB#0 | 1.1 | 1.245 | PASS |
| BAND26 | 1.4MHz | QPSK | 26783 | 6RB#0 | 1.103 | 1.245 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26697 | 6RB#0 | 1.1 | 1.251 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26740 | 6RB#0 | 1.1 | 1.245 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26783 | 6RB#0 | 1.097 | 1.245 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26697 | 6RB#0 | 1.1 | 1.245 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26740 | 6RB#0 | 1.1 | 1.248 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26783 | 6RB#0 | 1.097 | 1.251 | PASS |
| BAND26 | 3MHz | QPSK | 26705 | 15RB#0 | 2.697 | 2.964 | PASS |
| BAND26 | 3MHz | QPSK | 26740 | 15RB#0 | 2.691 | 2.970 | PASS |
| BAND26 | 3MHz | QPSK | 26775 | 15RB#0 | 2.697 | 2.964 | PASS |
| BAND26 | 3MHz | 64QAM | 26705 | 15RB#0 | 2.691 | 2.958 | PASS |
| BAND26 | 3MHz | 64QAM | 26740 | 15RB#0 | 2.703 | 2.976 | PASS |
| BAND26 | 3MHz | 64QAM | 26775 | 15RB#0 | 2.697 | 2.964 | PASS |
| BAND26 | 3MHz | 16QAM | 26705 | 15RB#0 | 2.697 | 2.982 | PASS |
| BAND26 | 3MHz | 16QAM | 26740 | 15RB#0 | 2.703 | 2.952 | PASS |
| BAND26 | 3MHz | 16QAM | 26775 | 15RB#0 | 2.697 | 2.970 | PASS |
| BAND26 | 5MHz | QPSK | 26715 | 25RB#0 | 4.476 | 4.900 | PASS |
| BAND26 | 5MHz | QPSK | 26740 | 25RB#0 | 4.476 | 4.880 | PASS |
| BAND26 | 5MHz | QPSK | 26765 | 25RB#0 | 4.476 | 4.890 | PASS |
| BAND26 | 5MHz | 64QAM | 26715 | 25RB#0 | 4.476 | 4.920 | PASS |
| BAND26 | 5MHz | 64QAM | 26740 | 25RB#0 | 4.476 | 4.910 | PASS |
| BAND26 | 5MHz | 64QAM | 26765 | 25RB#0 | 4.466 | 4.890 | PASS |
| BAND26 | 5MHz | 16QAM | 26715 | 25RB#0 | 4.486 | 4.920 | PASS |
| BAND26 | 5MHz | 16QAM | 26740 | 25RB#0 | 4.476 | 4.890 | PASS |
| BAND26 | 5MHz | 16QAM | 26765 | 25RB#0 | 4.476 | 4.900 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | 8.951 | 9.740 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | 8.951 | 9.800 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | 8.951 | 9.840 | PASS |



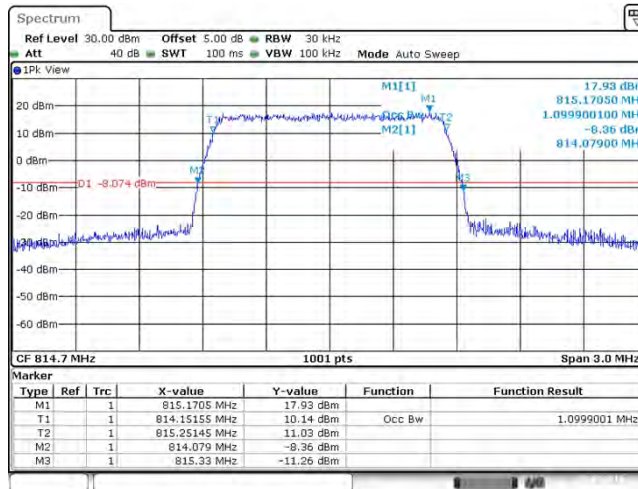
4.2. Test Plots





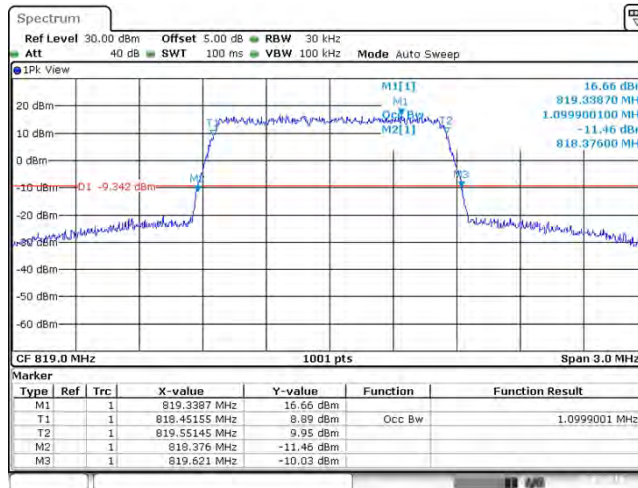
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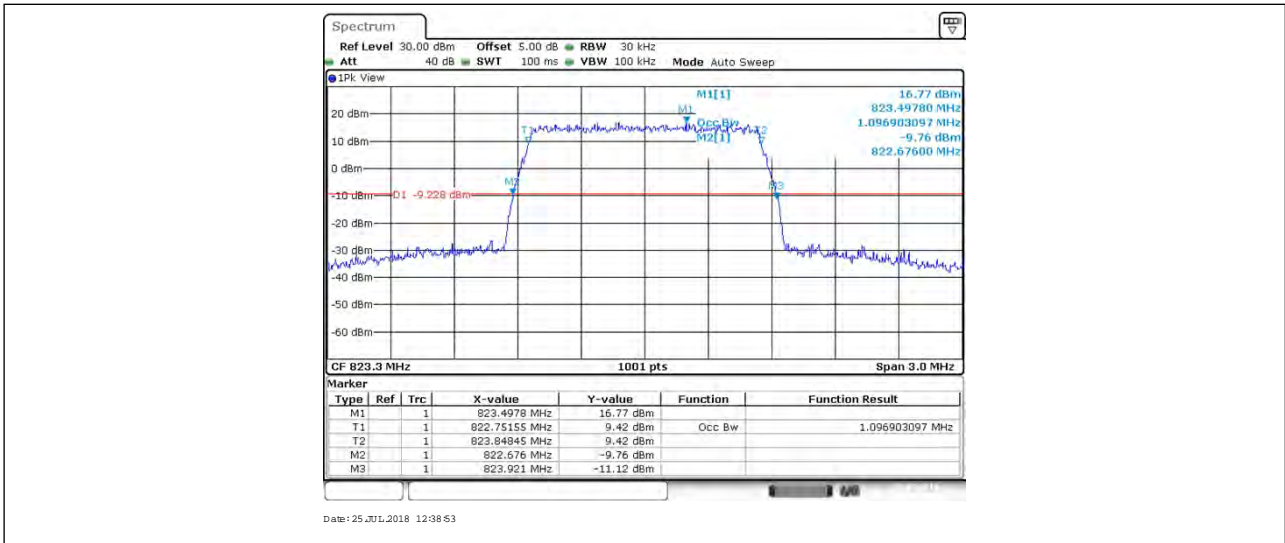
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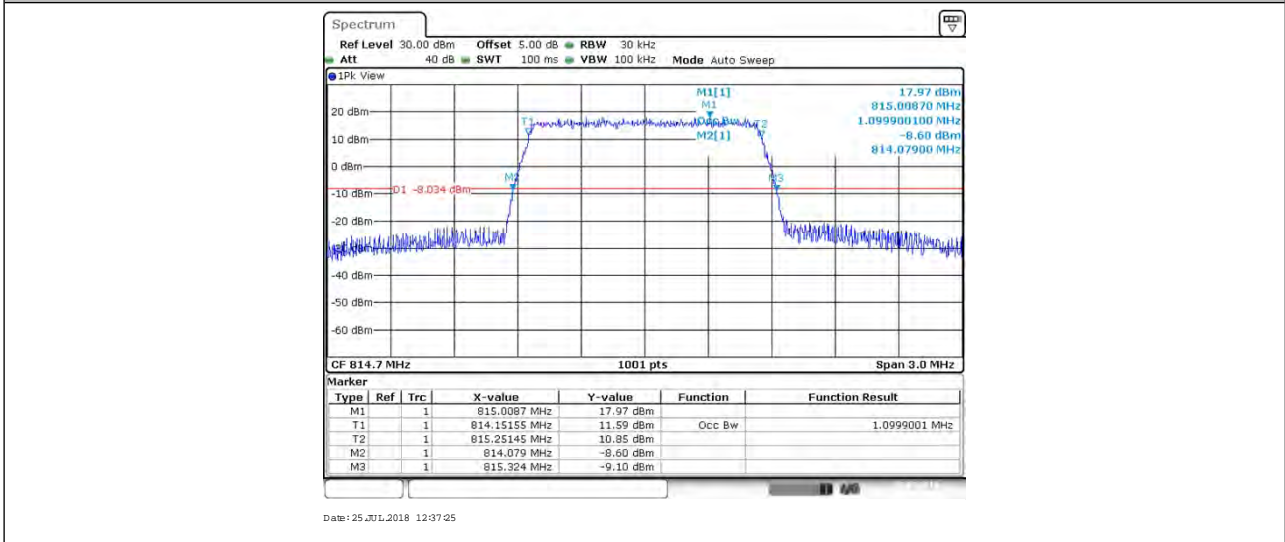


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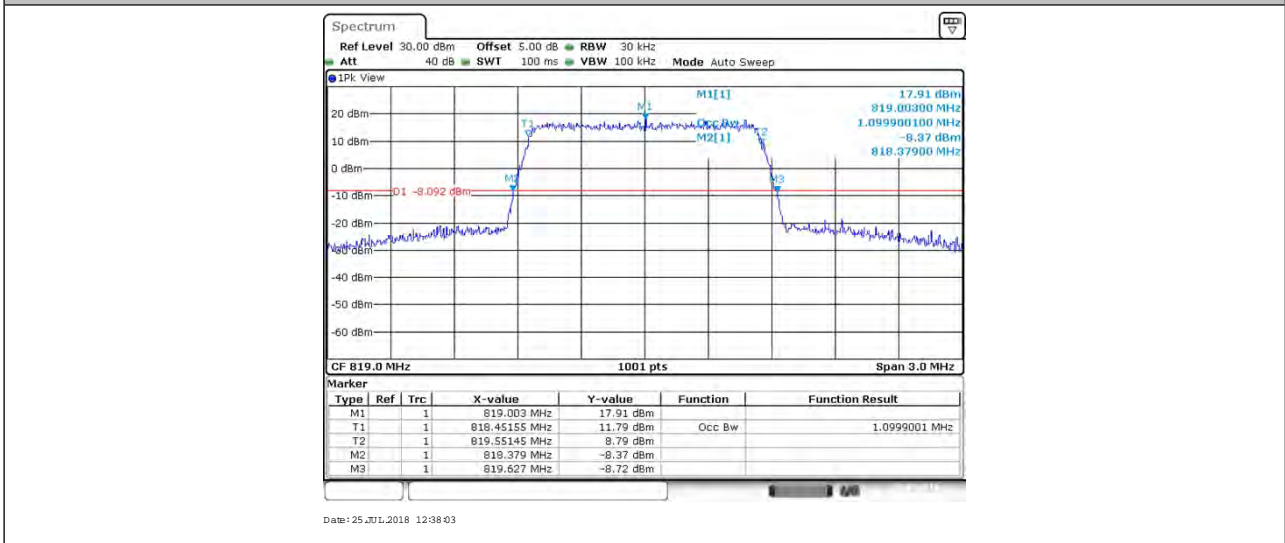
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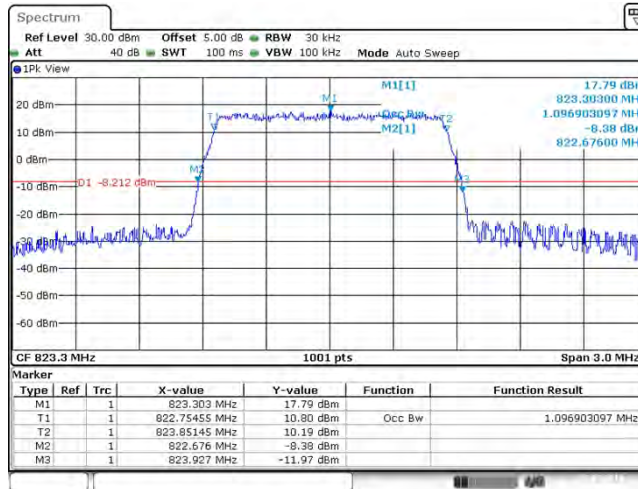
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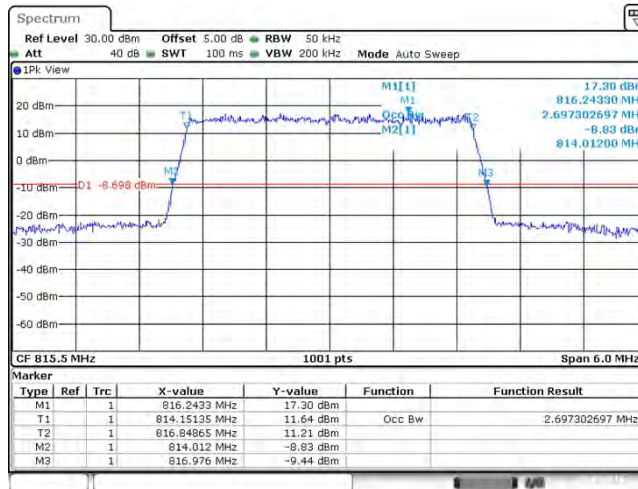


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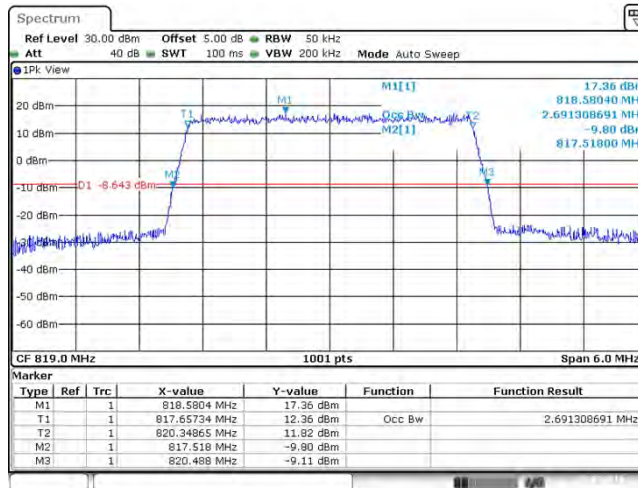
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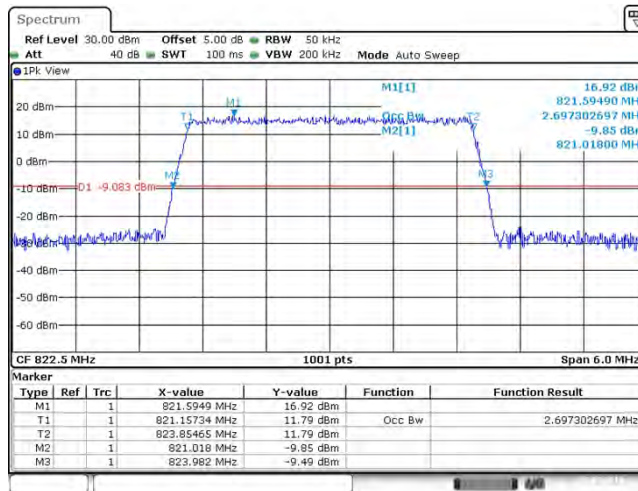
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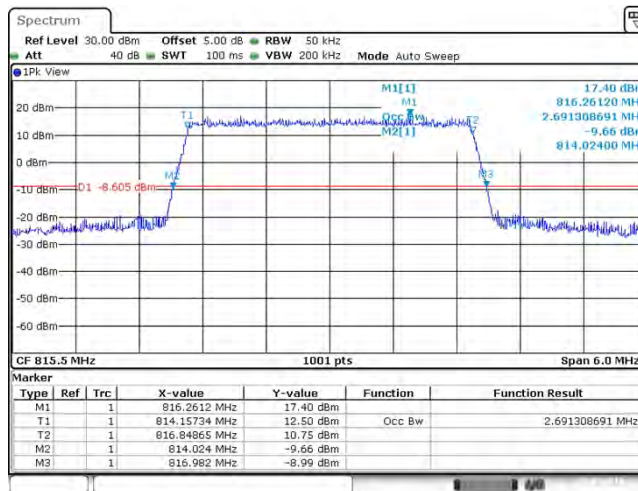
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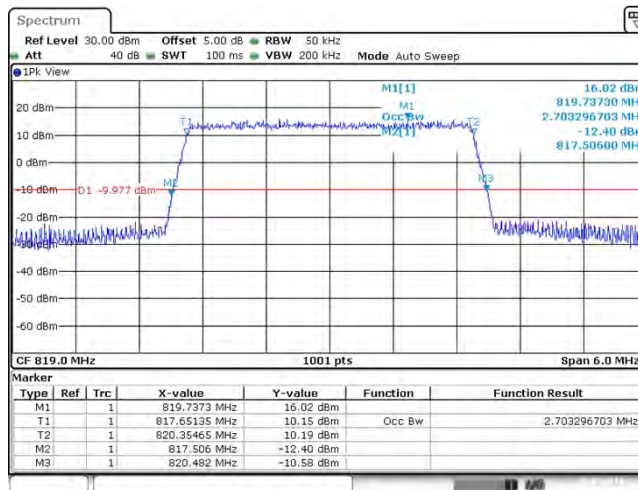
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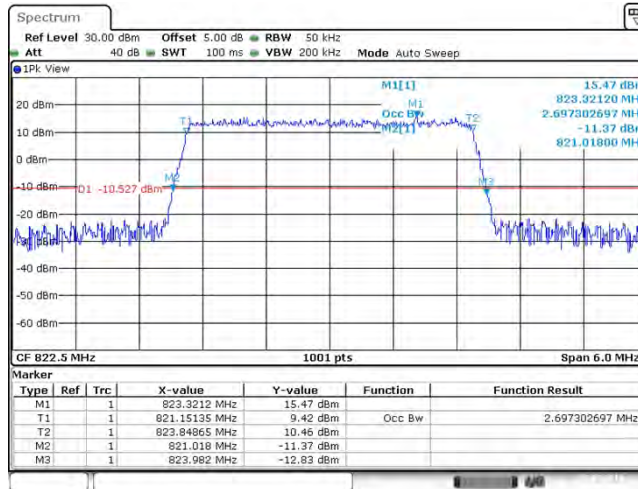
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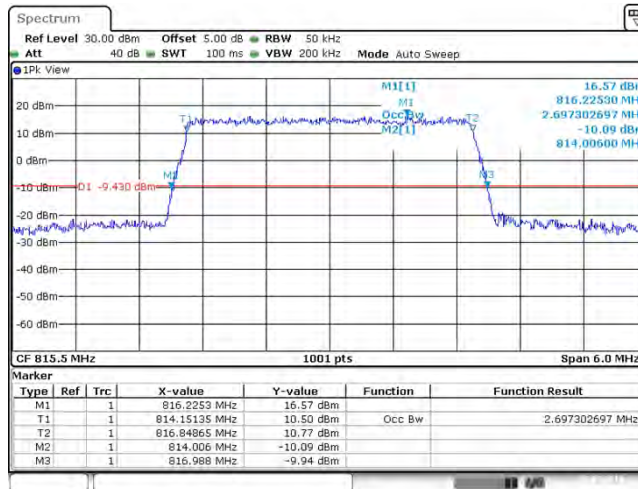
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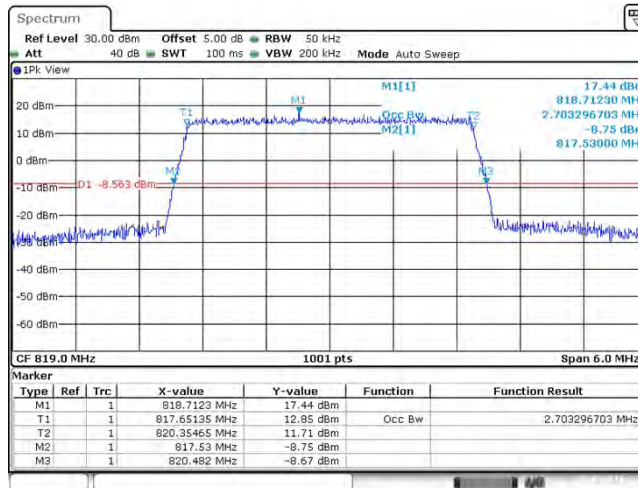
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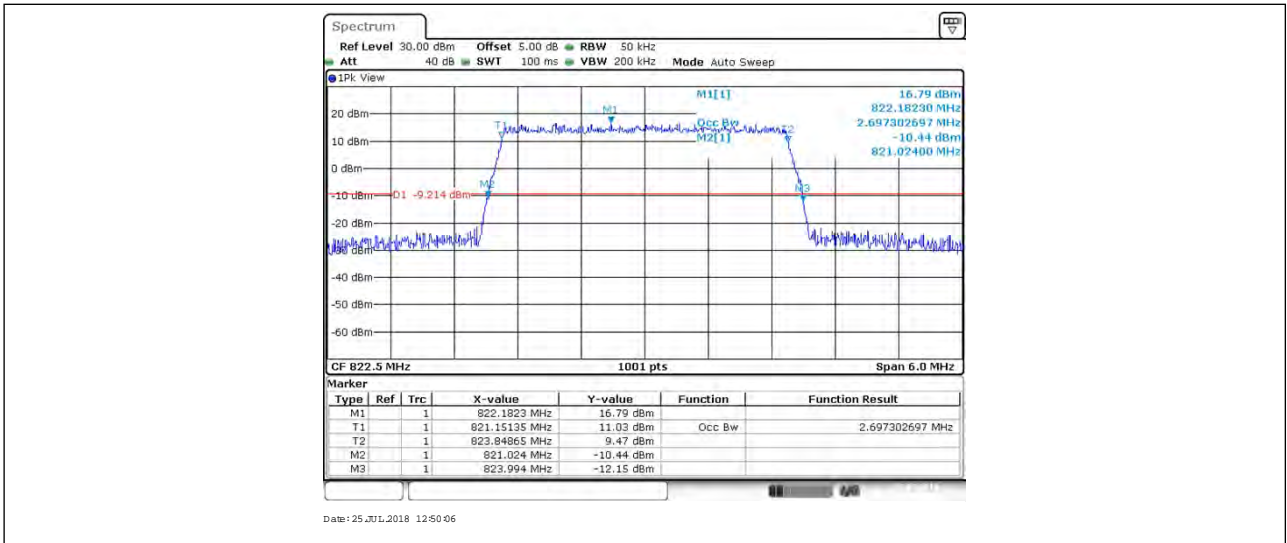
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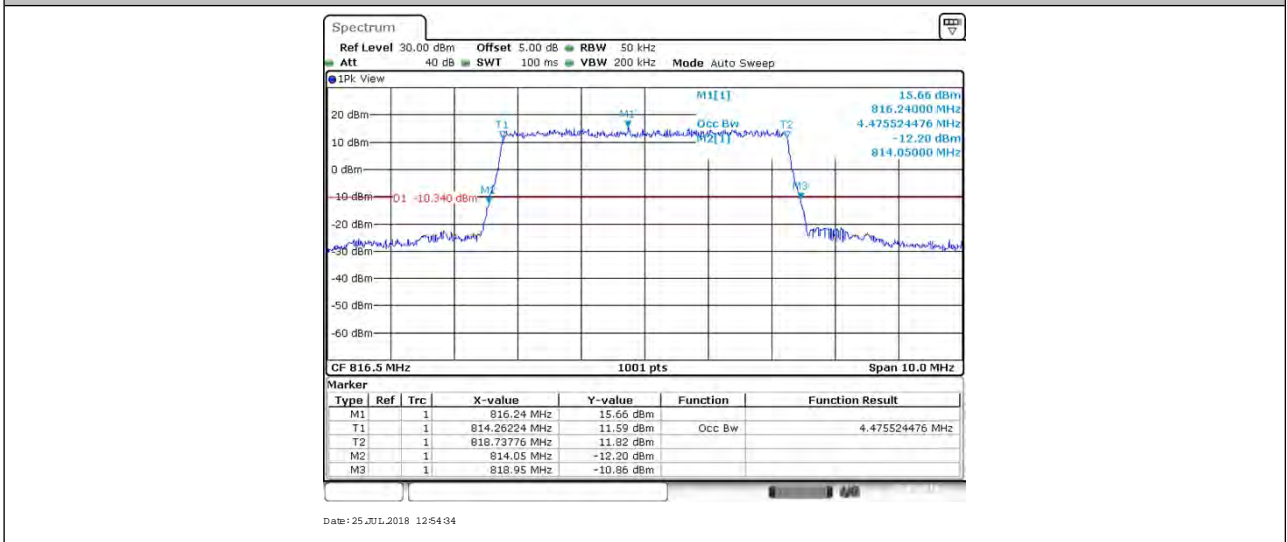


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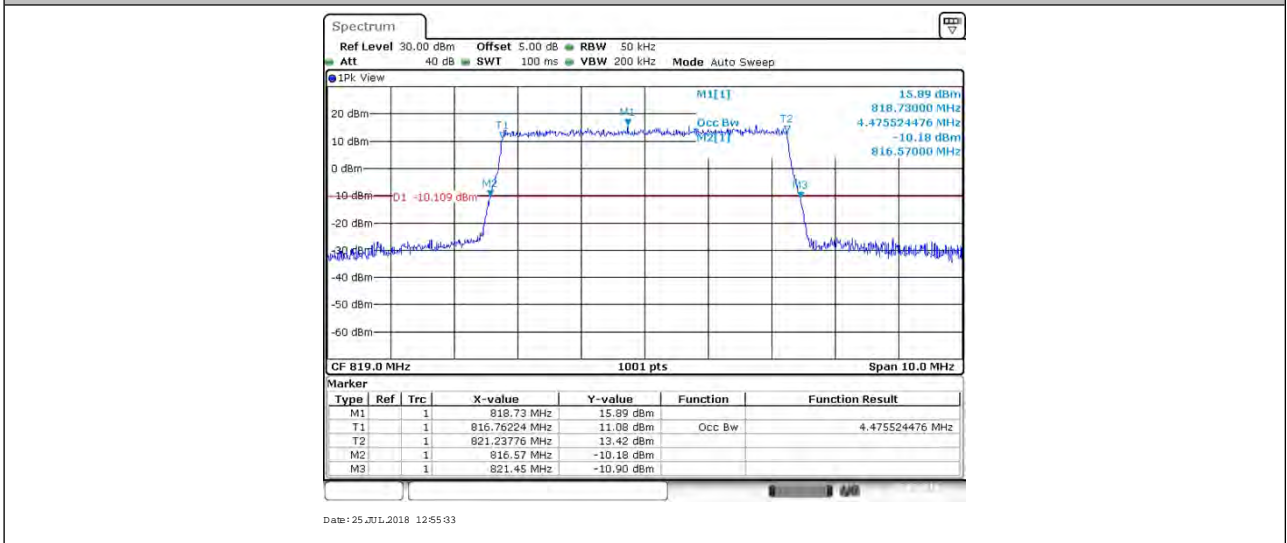
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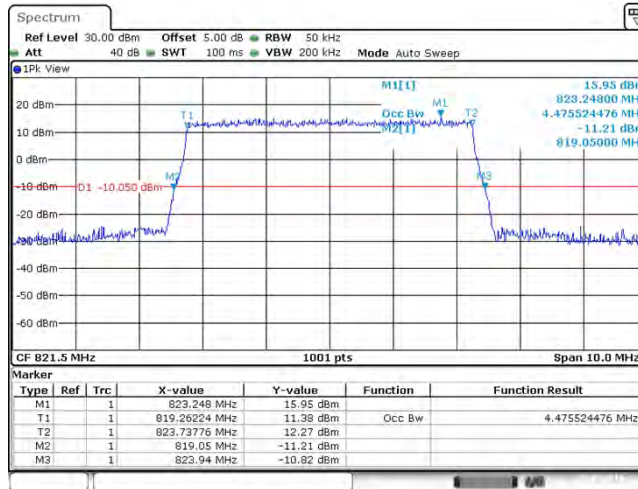
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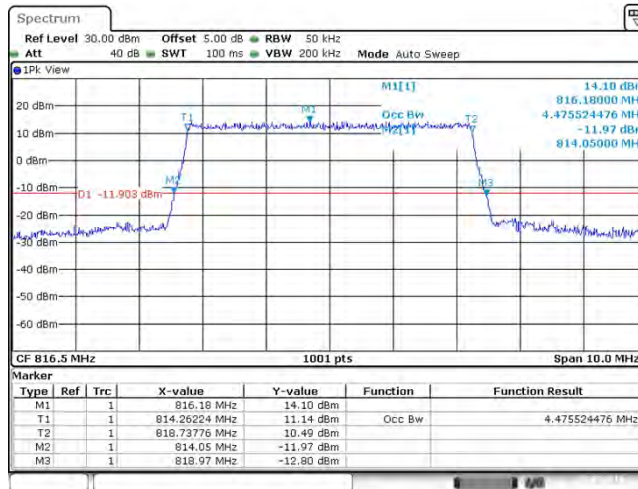


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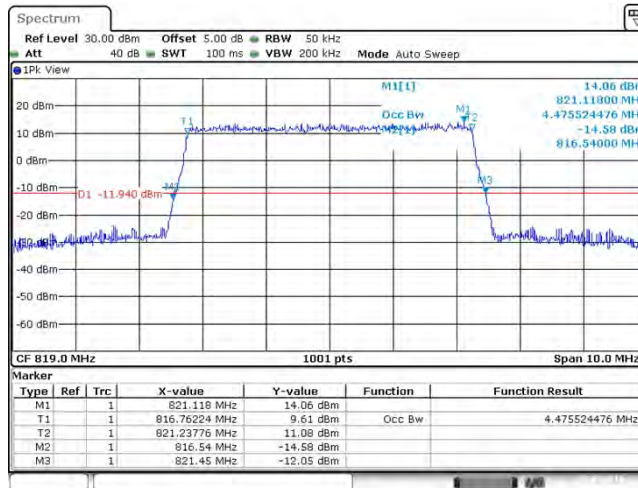
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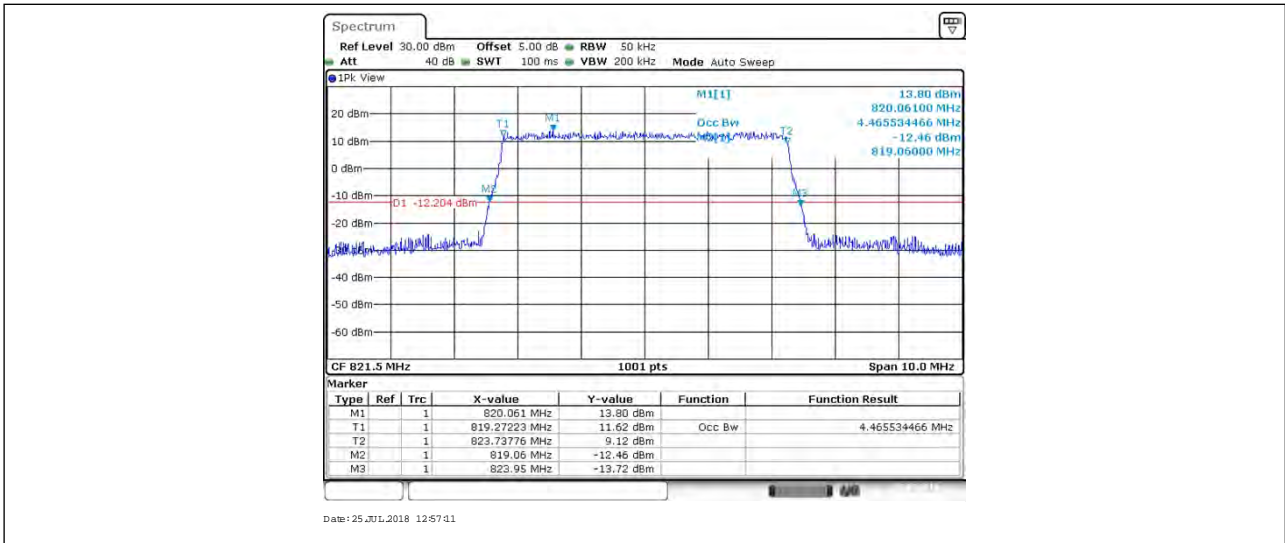
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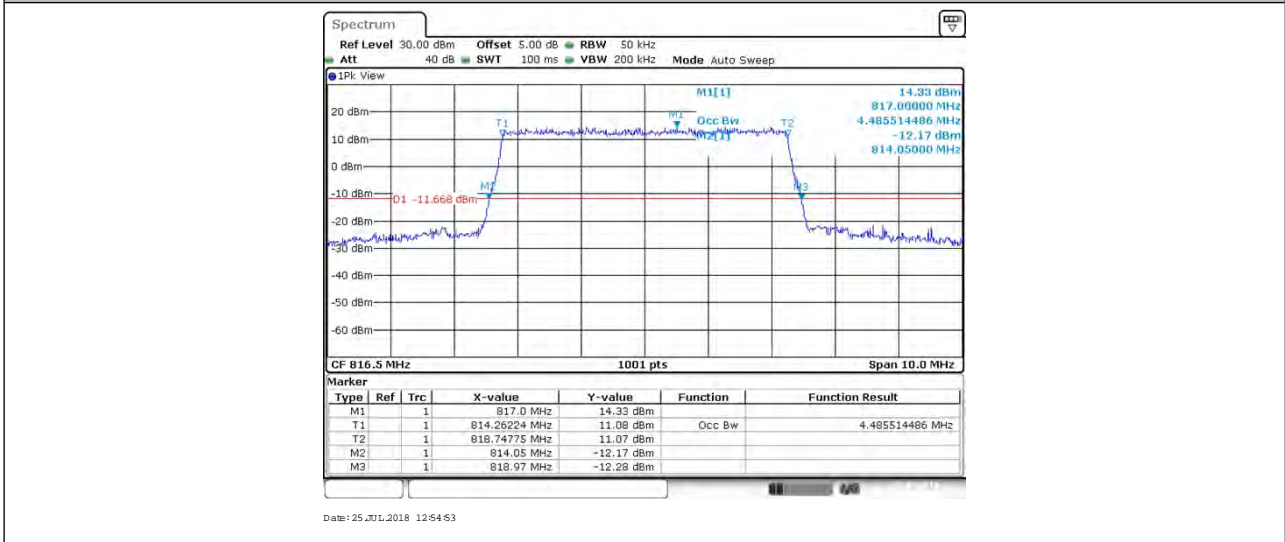


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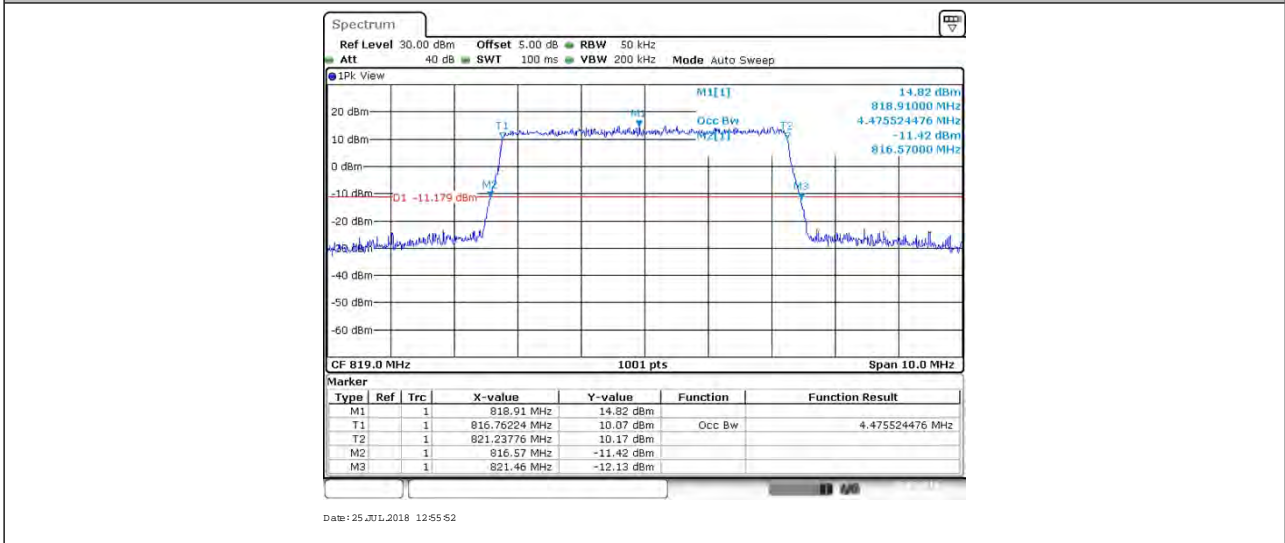
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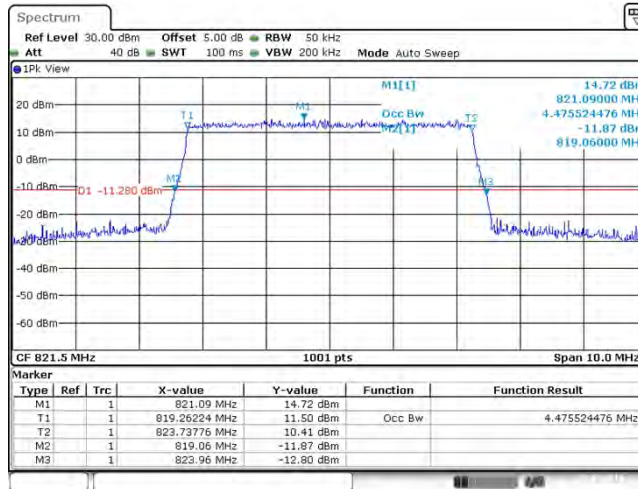
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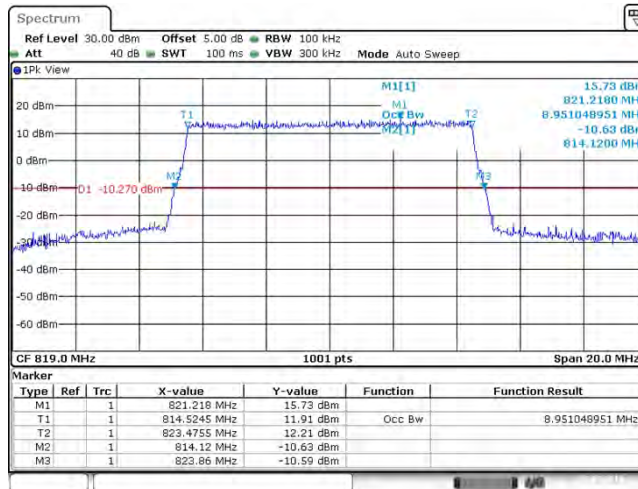


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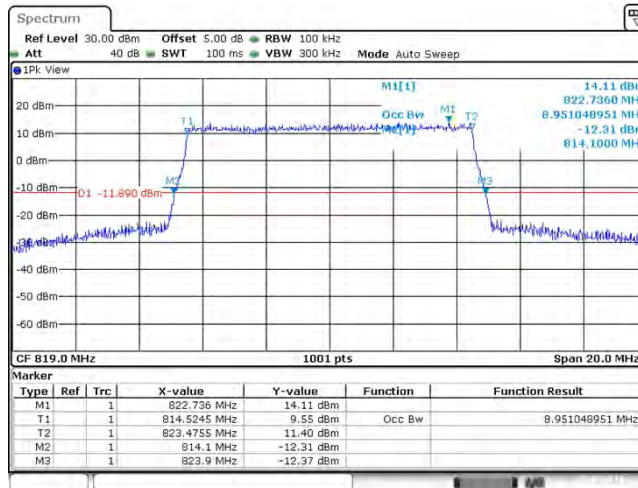
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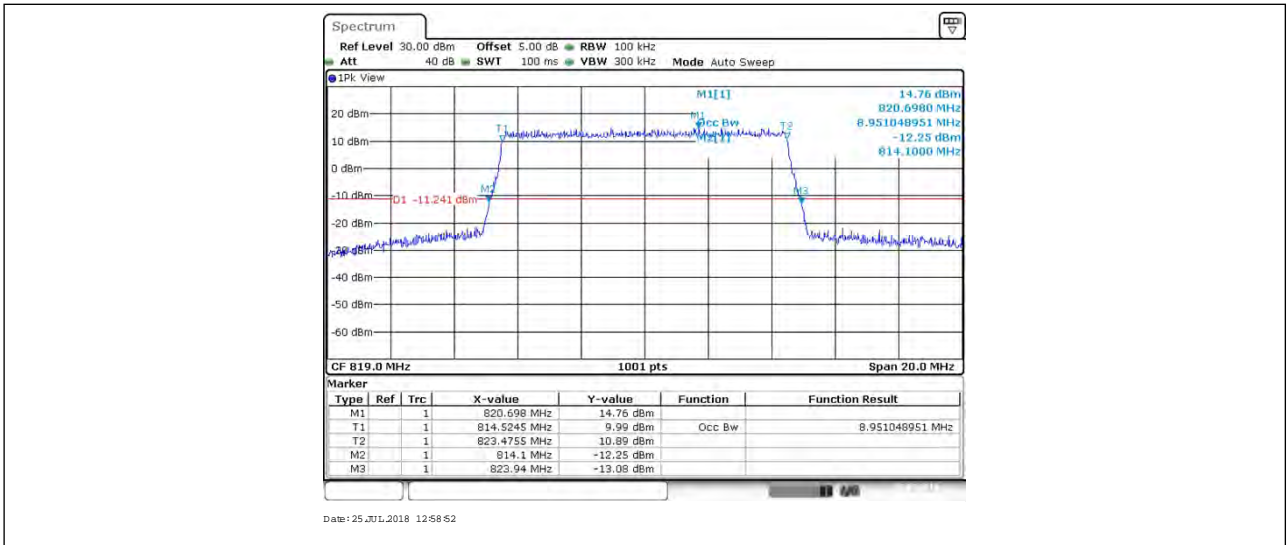
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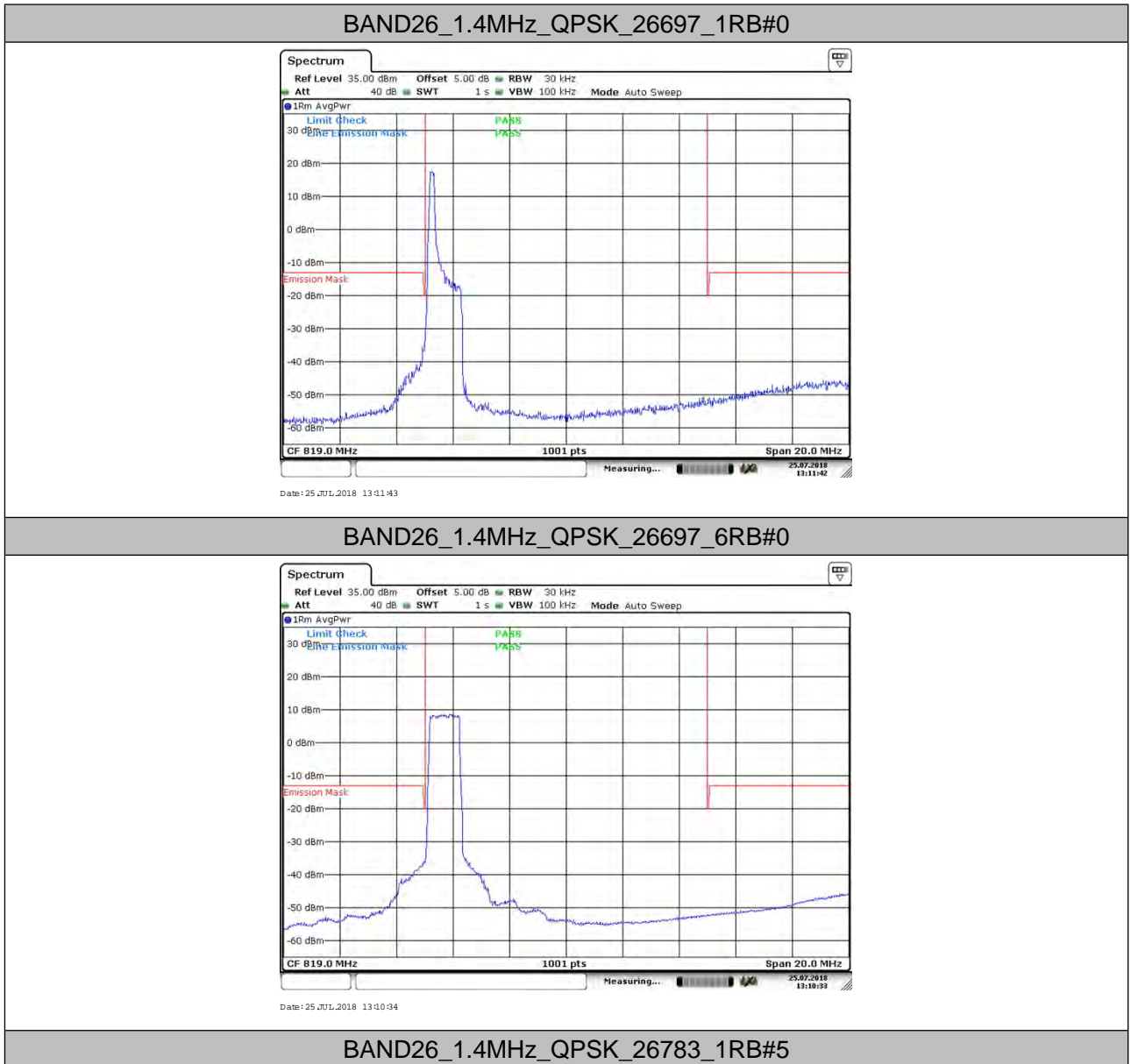
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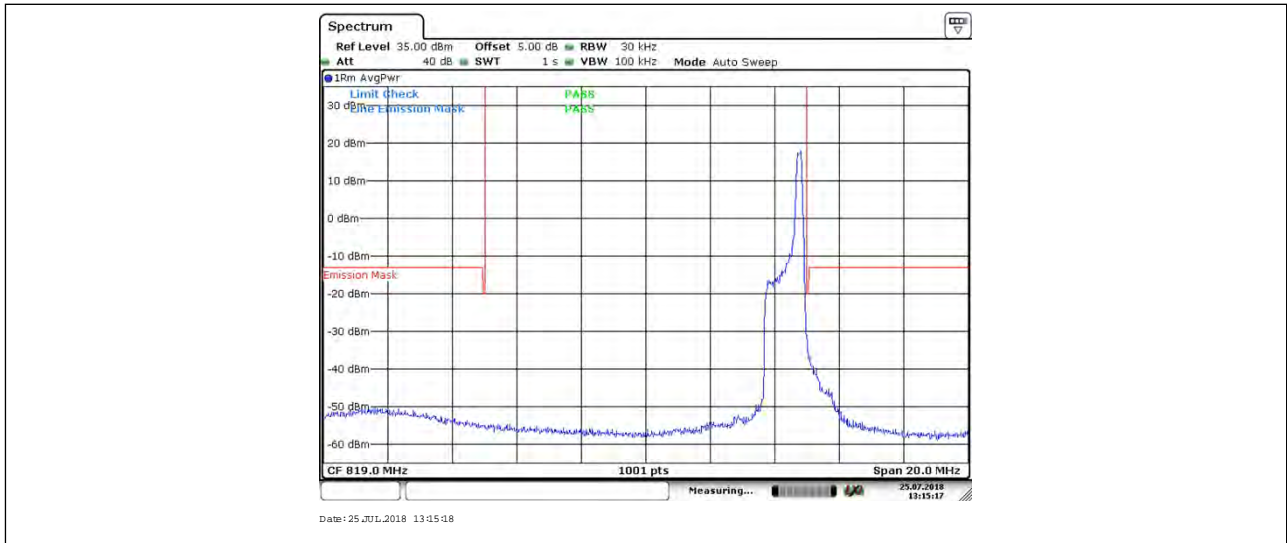




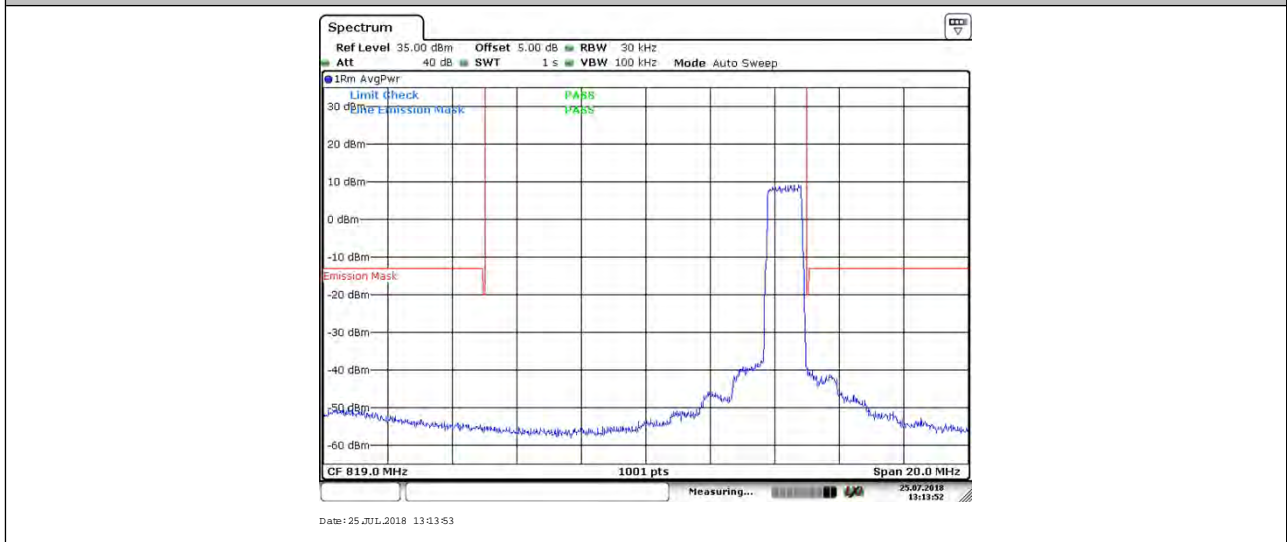
5. Band Edge Compliance

5.1. Test Plots

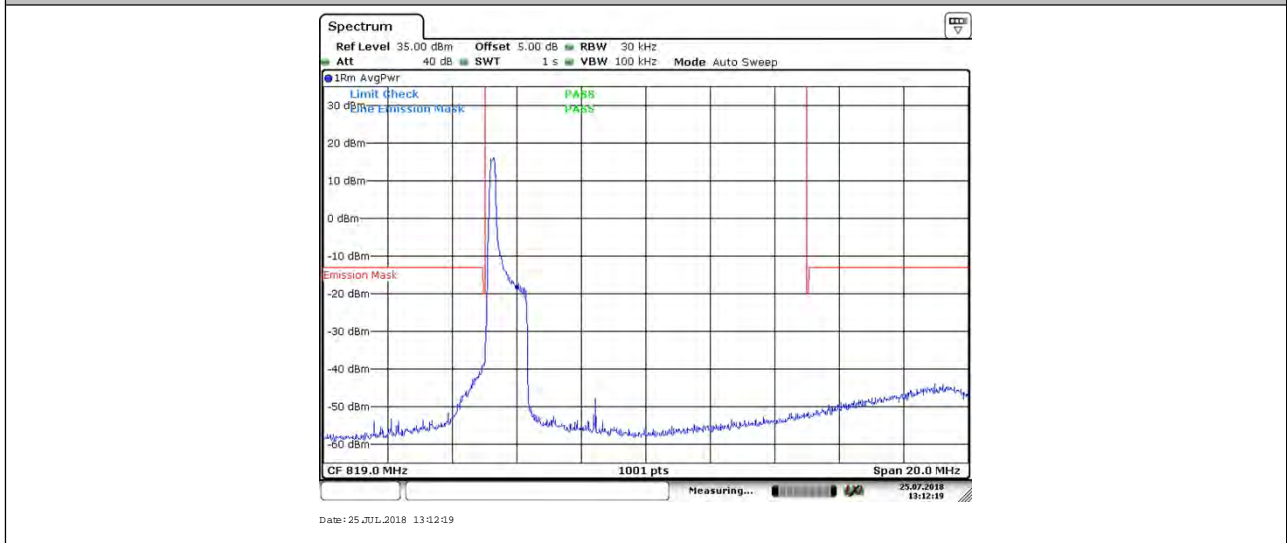




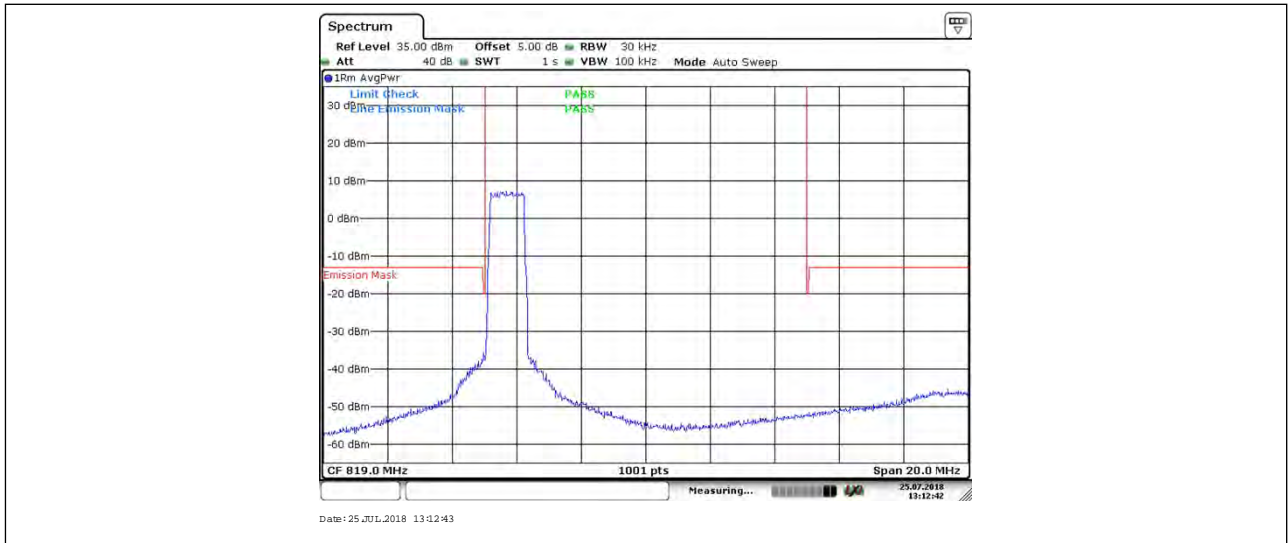
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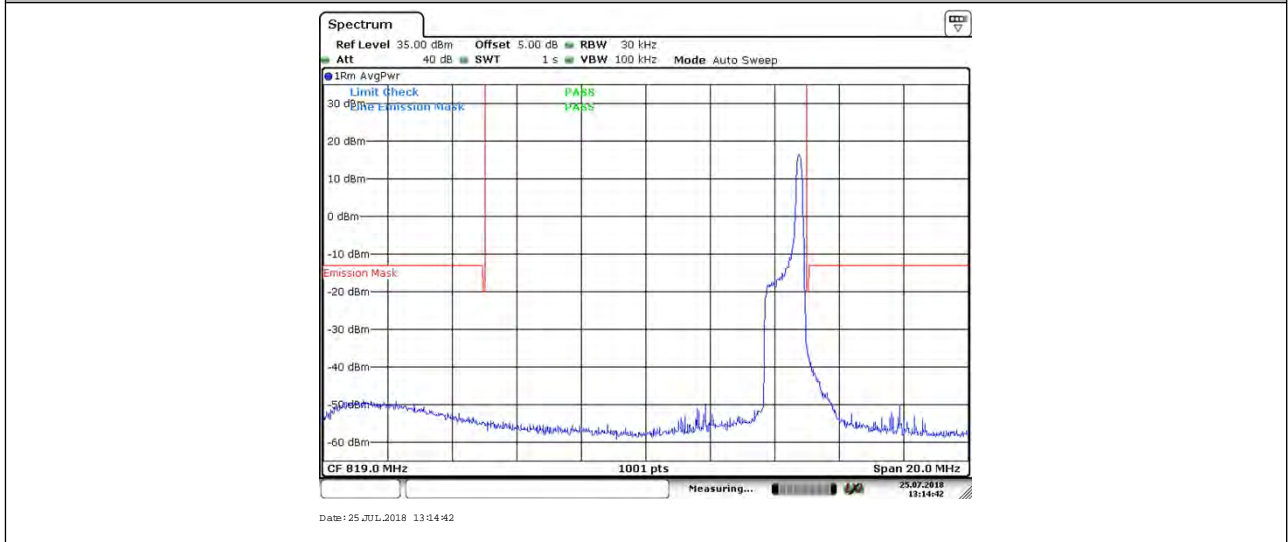
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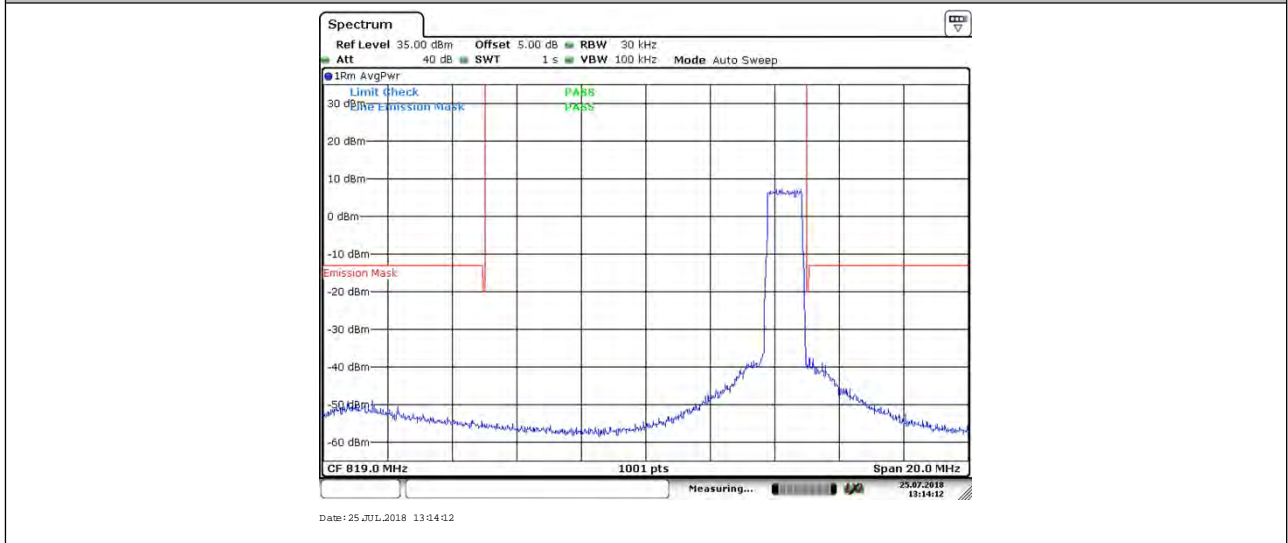
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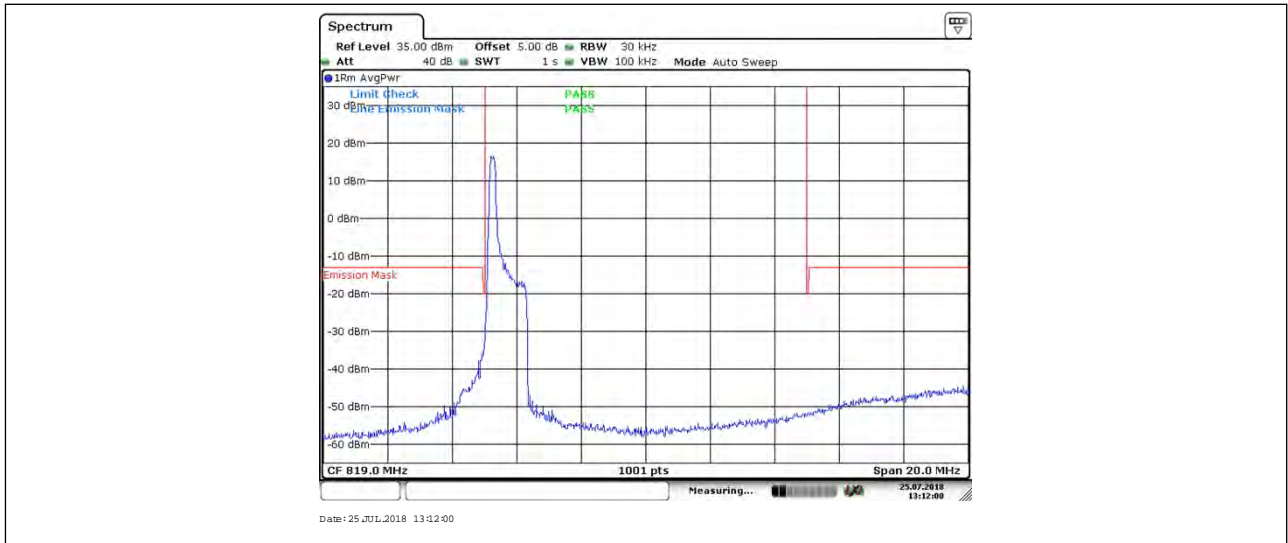
BAND26_1.4MHz_64QAM_26783_1RB#5



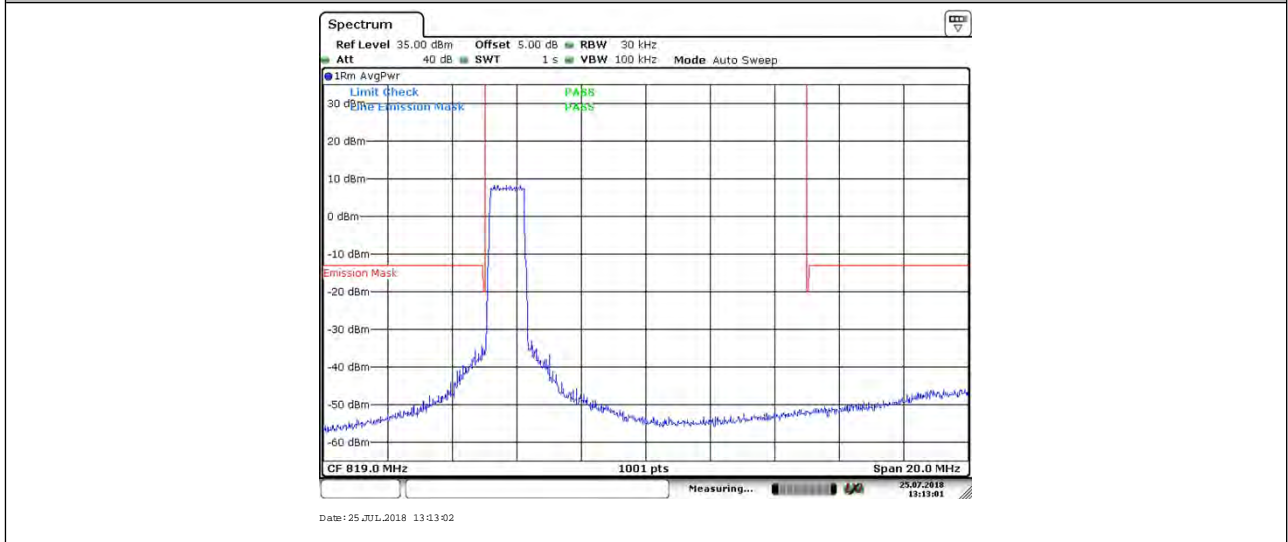
BAND26_1.4MHz_64QAM_26783_6RB#0



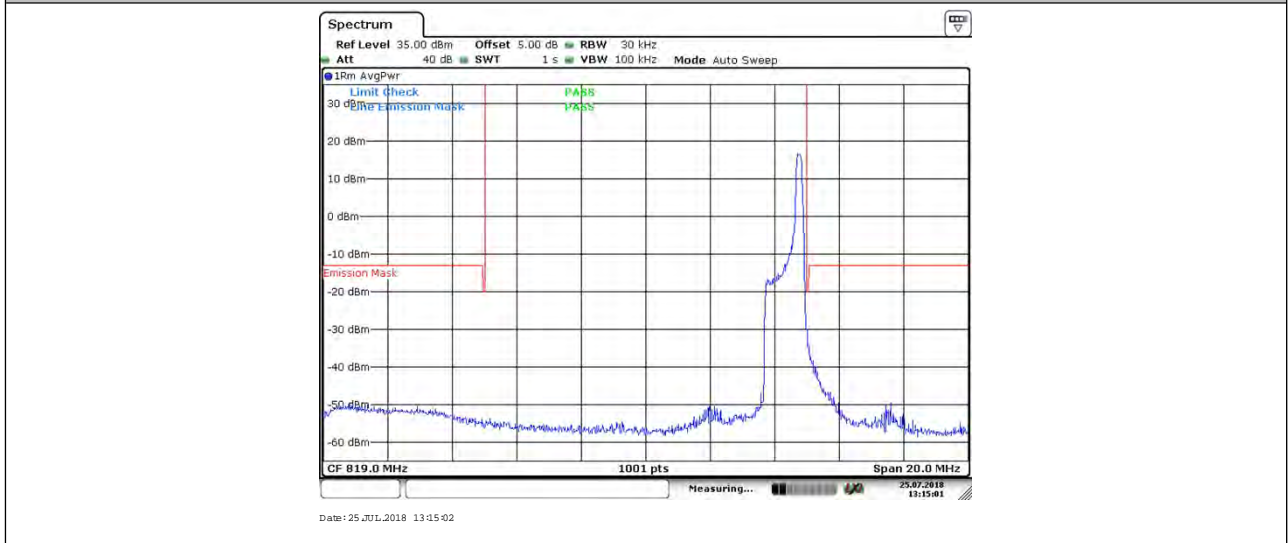
BAND26_1.4MHz_16QAM_26697_1RB#0



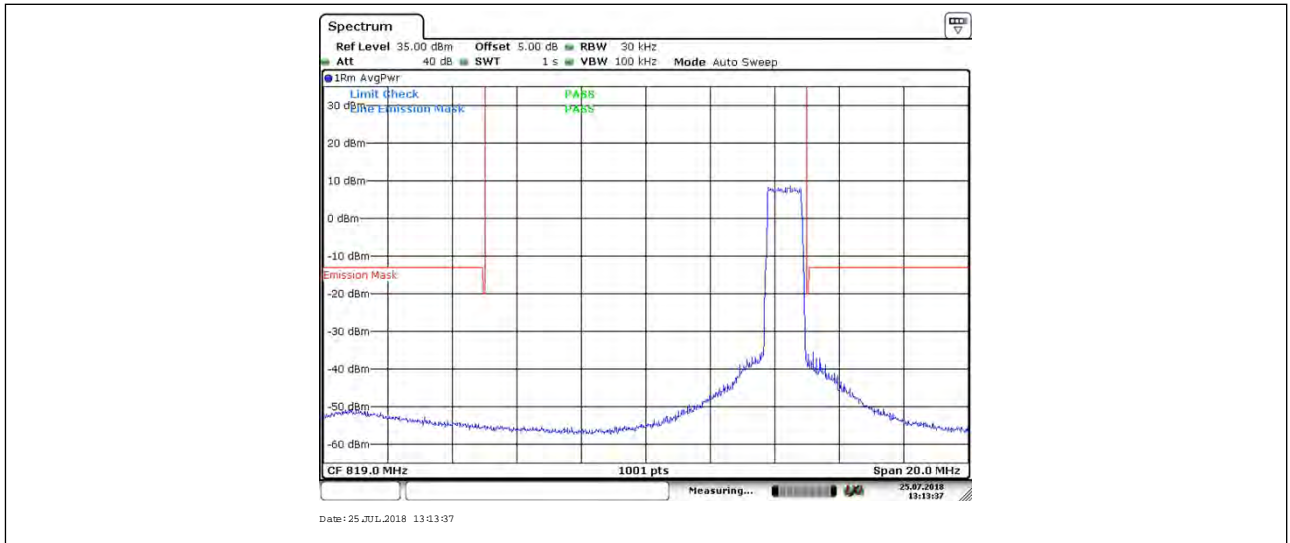
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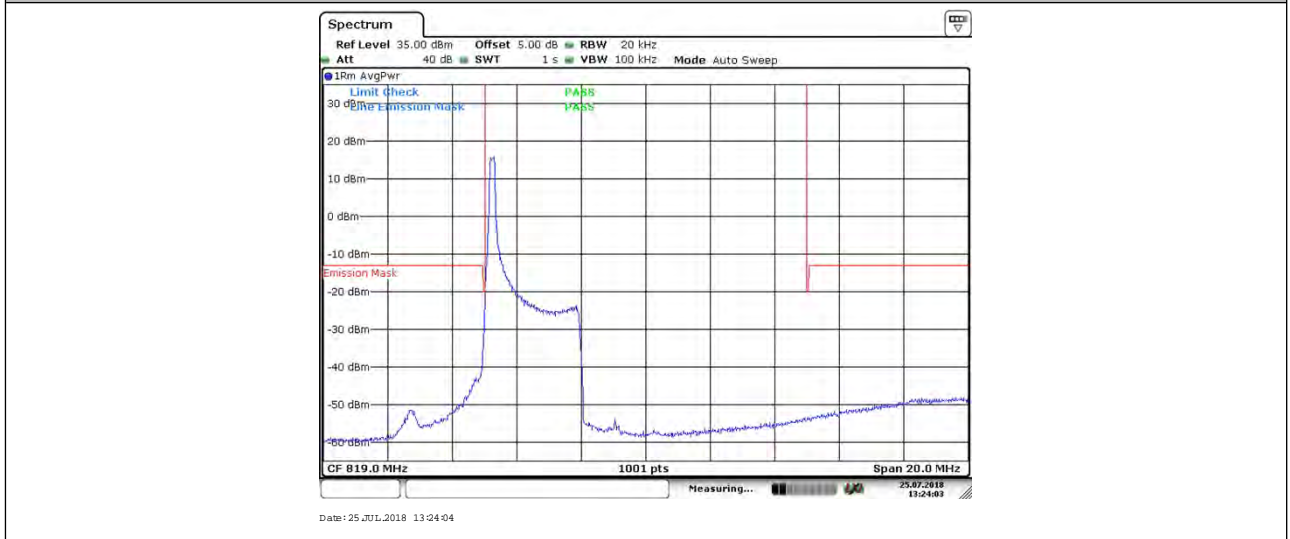
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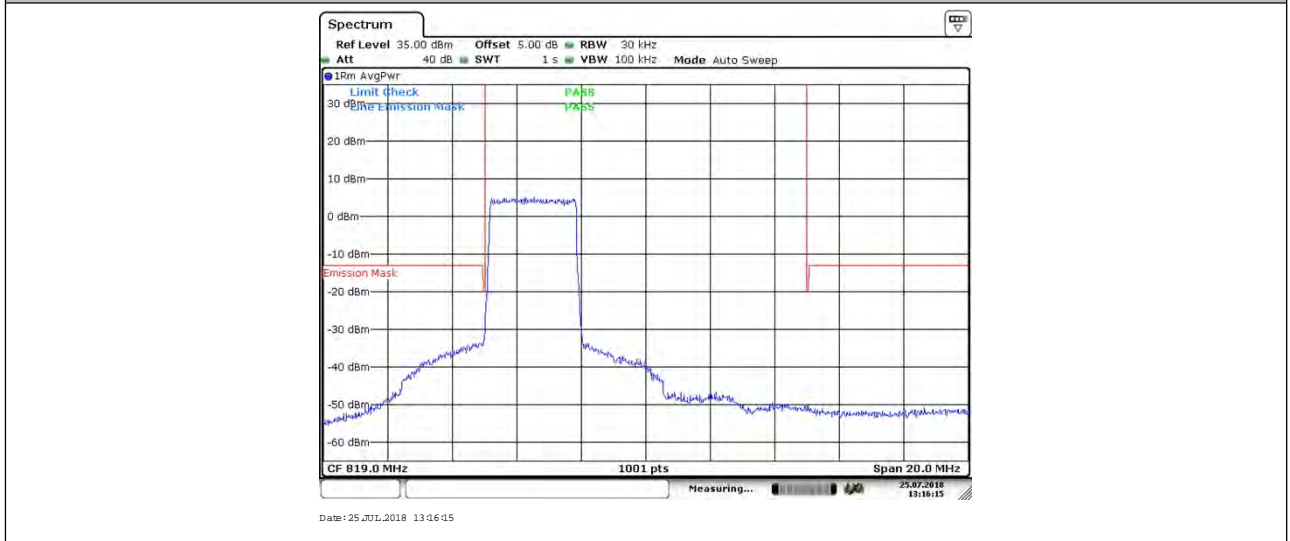
BAND26_1.4MHz_16QAM_26783_6RB#0



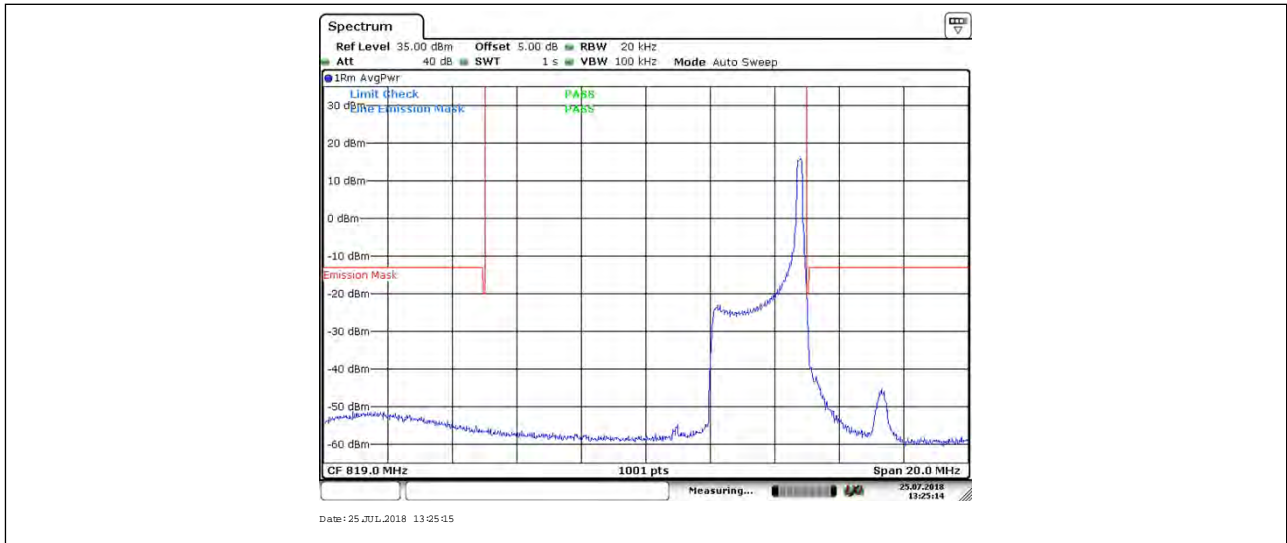
BAND26_3MHz_QPSK_26705_1RB#0



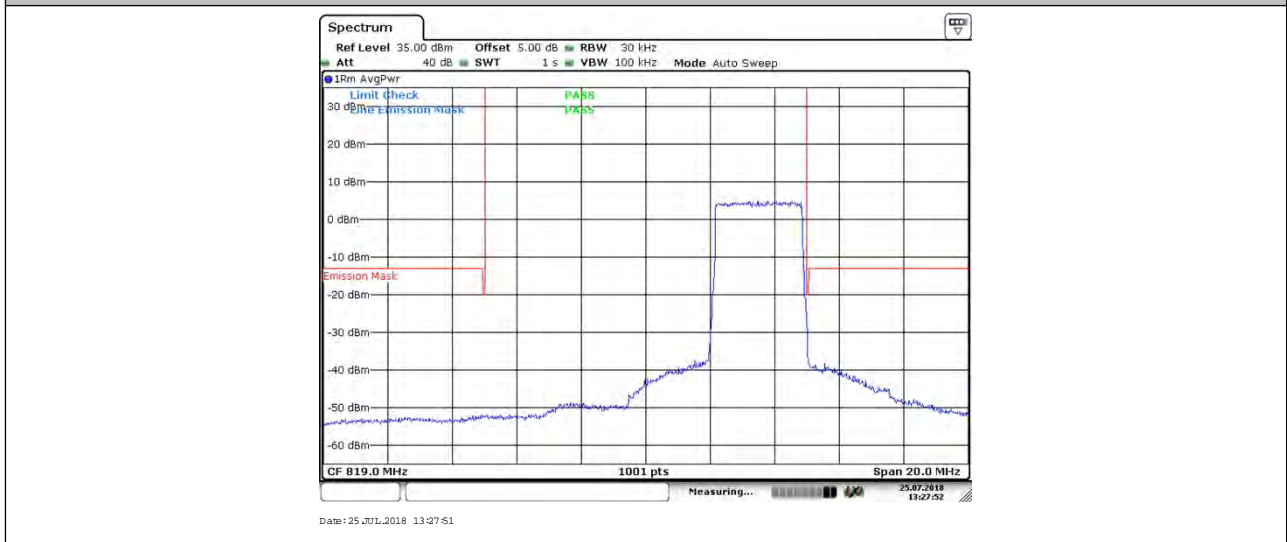
BAND26_3MHz_QPSK_26705_15RB#0



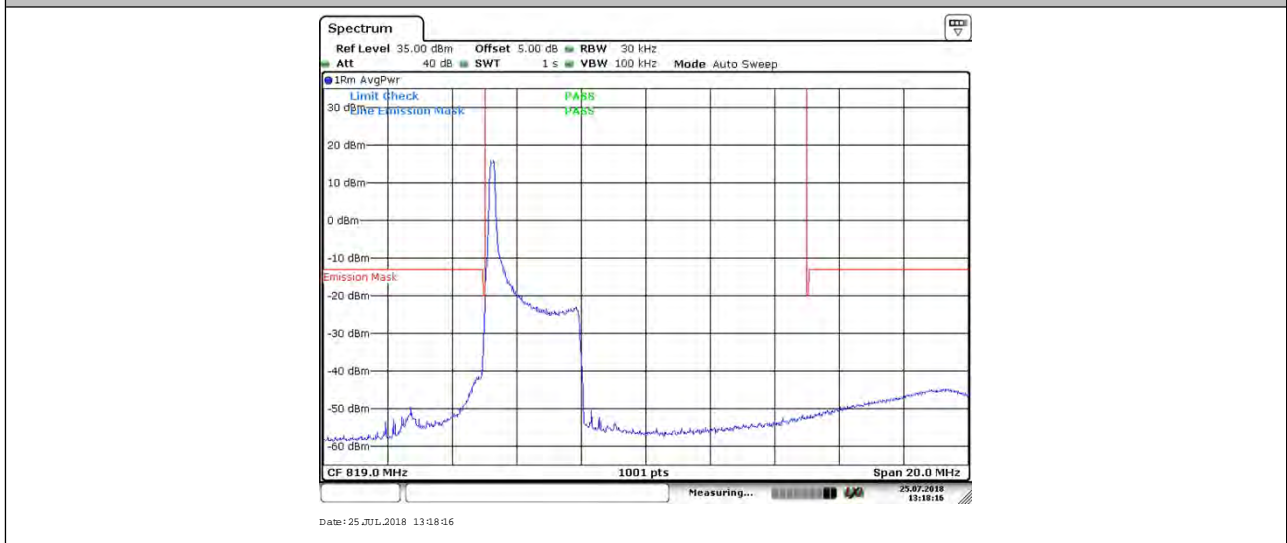
BAND26_3MHz_QPSK_26775_1RB#14



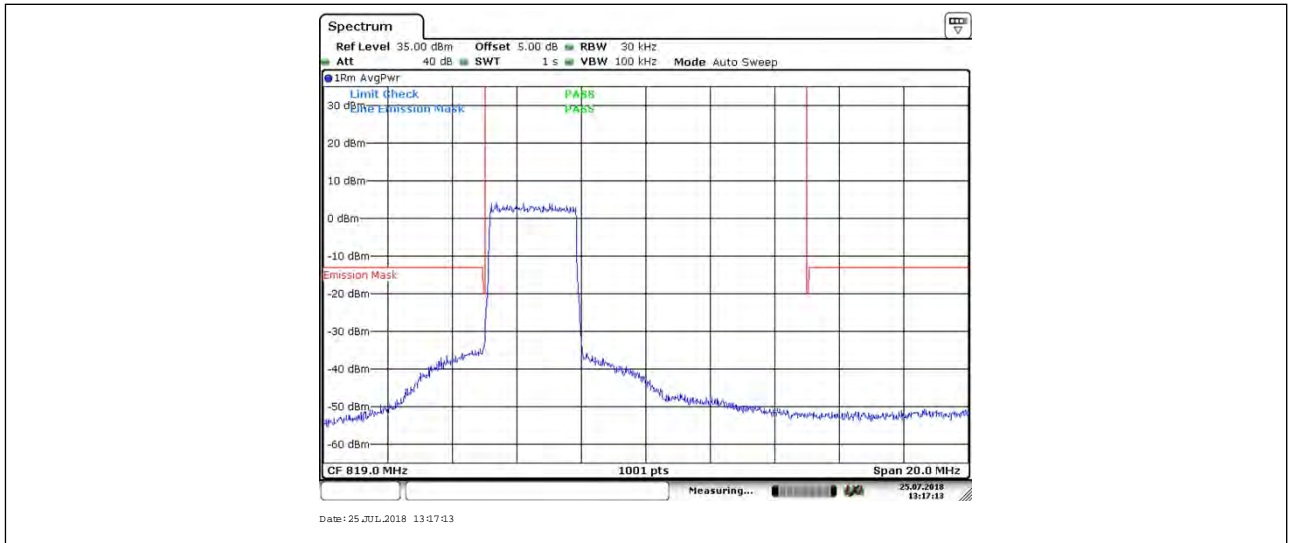
BAND26_3MHz_QPSK_26775_15RB#0



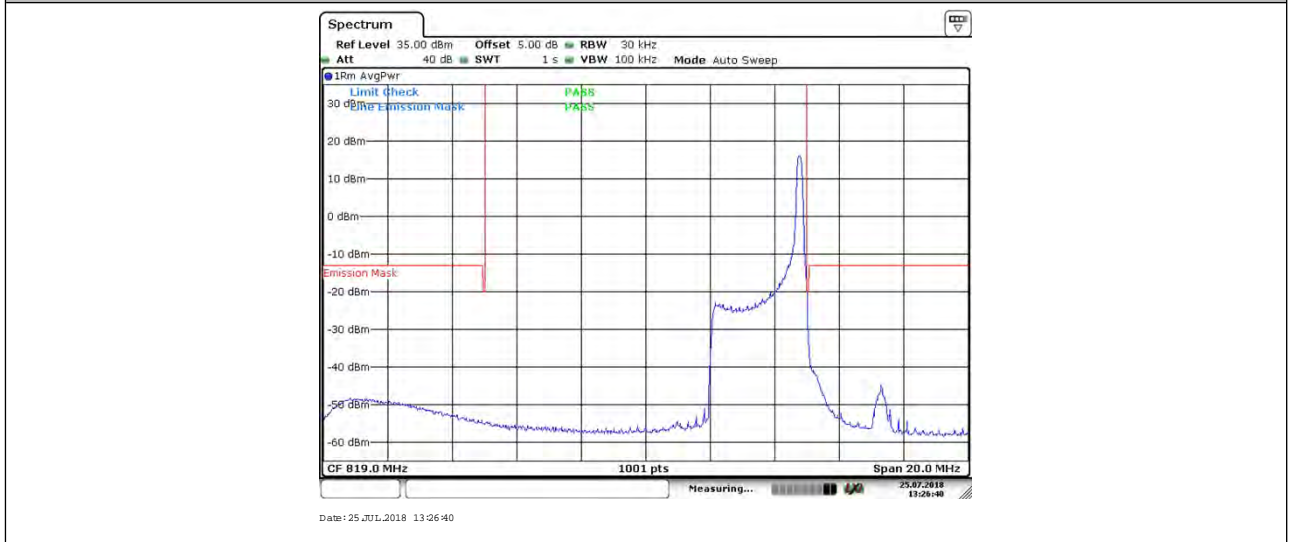
BAND26_3MHz_64QAM_26705_1RB#0



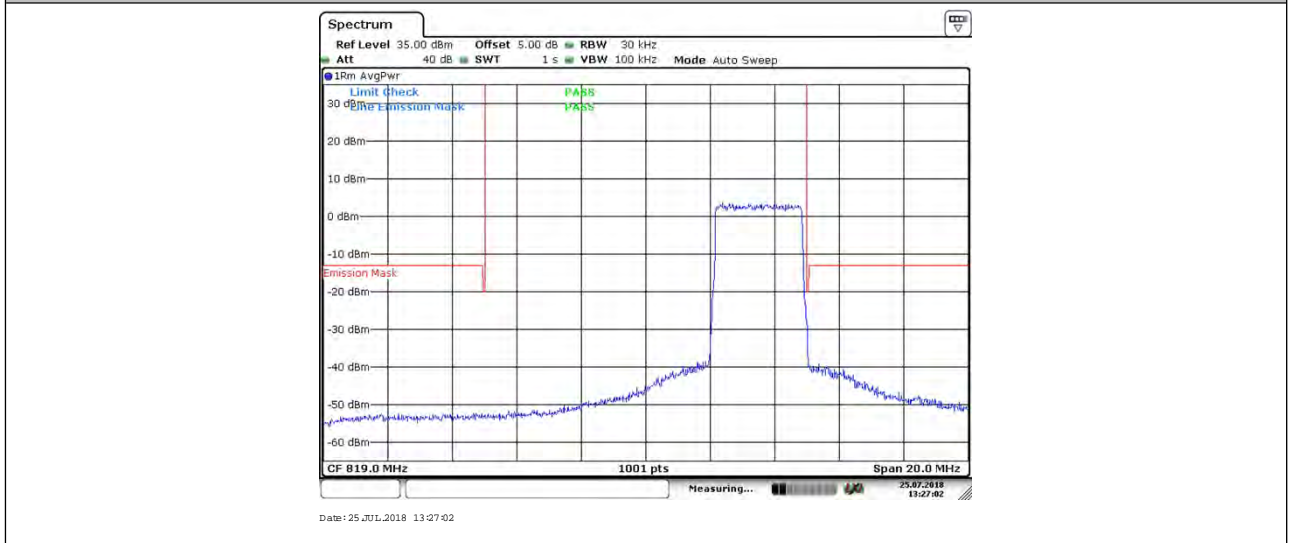
BAND26_3MHz_64QAM_26705_15RB#0



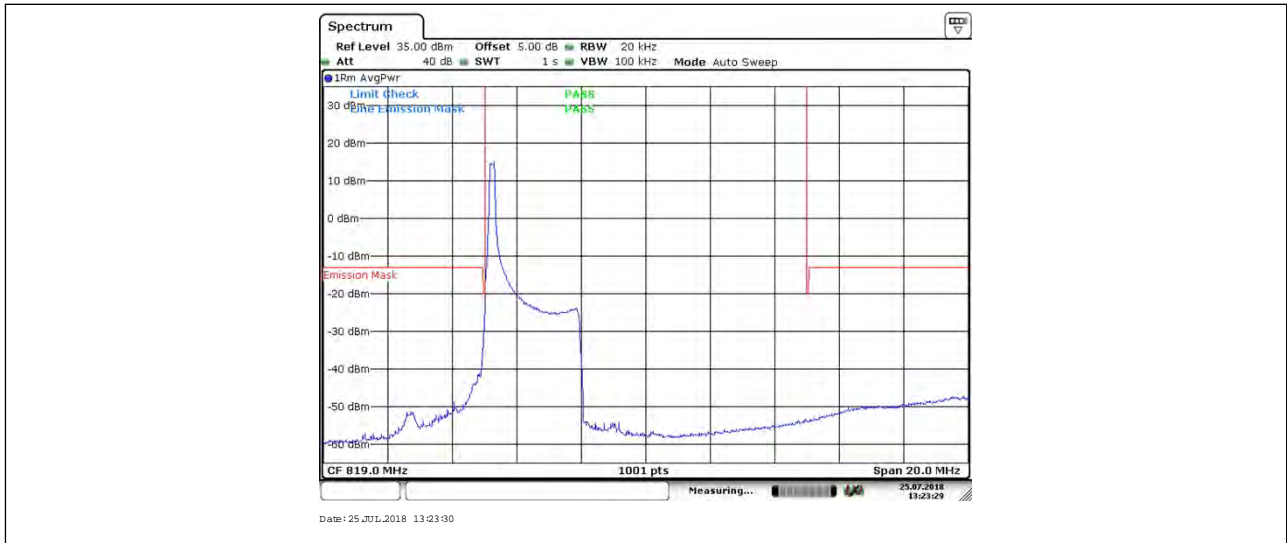
BAND26_3MHz_64QAM_26775_1RB#14



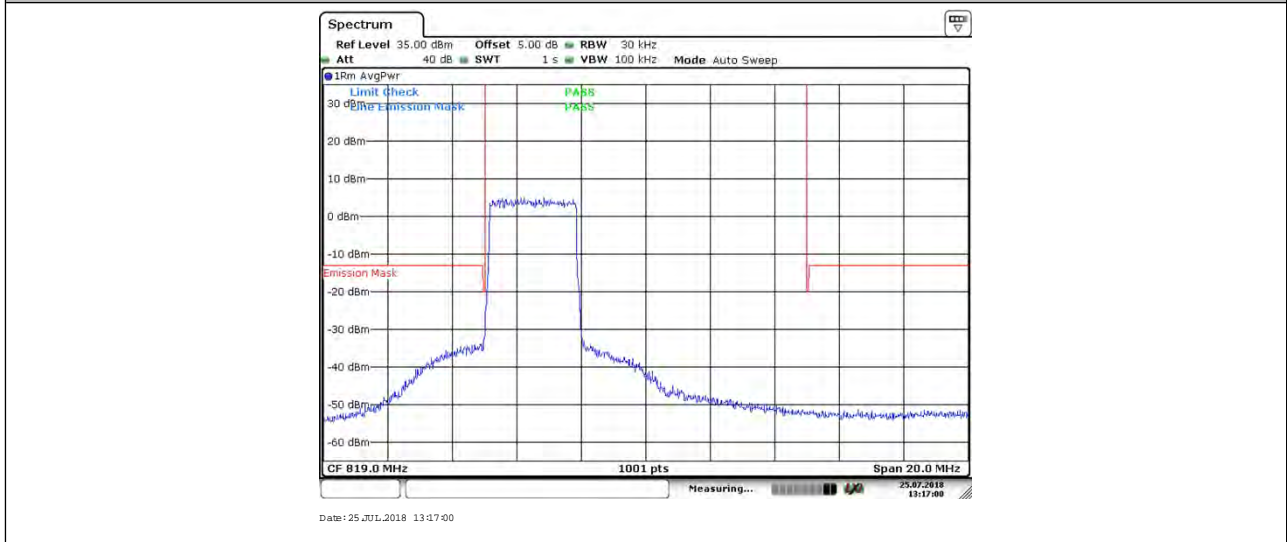
BAND26_3MHz_64QAM_26775_15RB#0



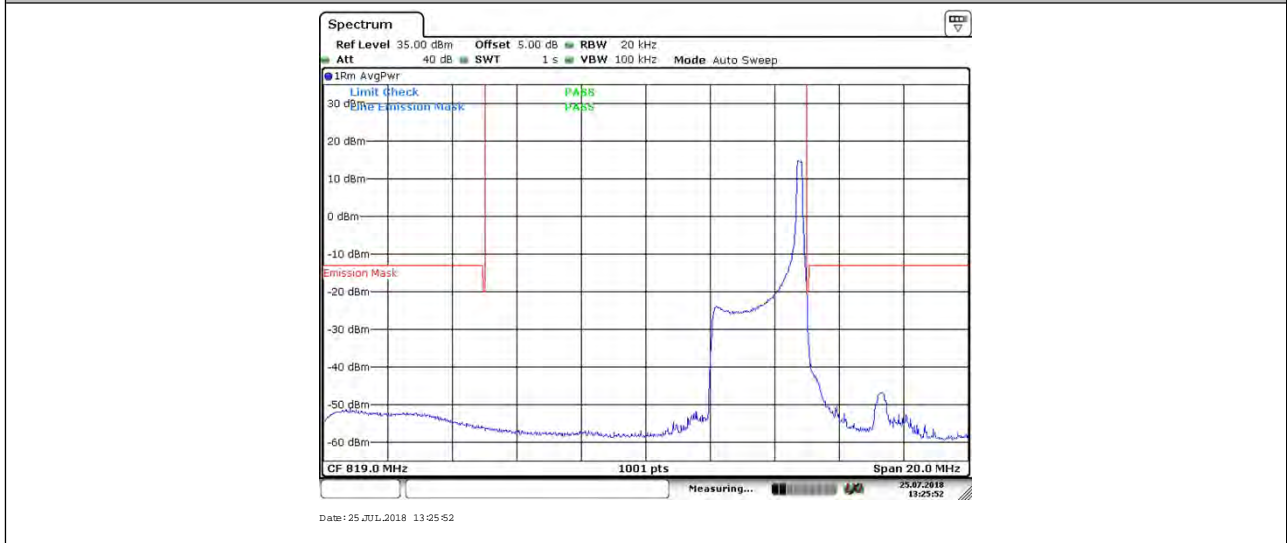
BAND26_3MHz_16QAM_26705_1RB#0



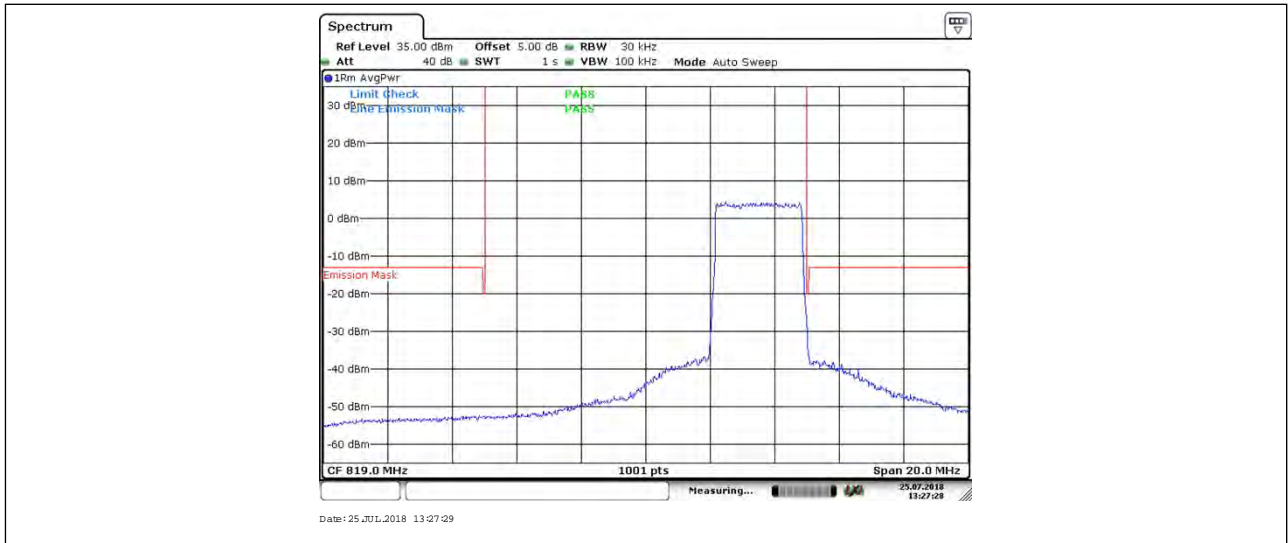
BAND26_3MHz_16QAM_26705_15RB#0



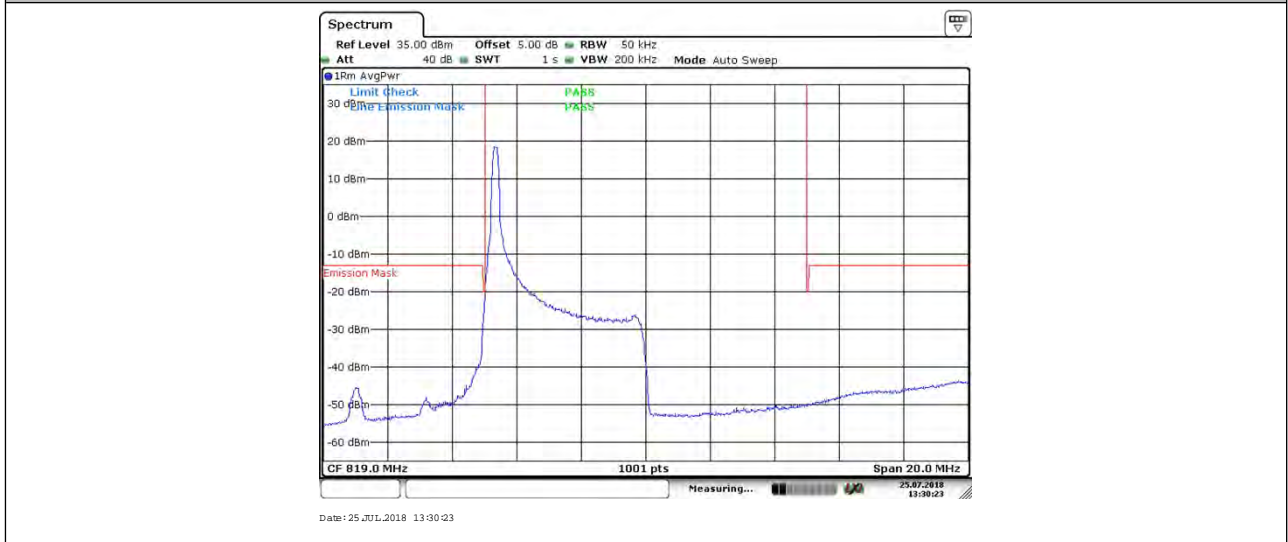
BAND26_3MHz_16QAM_26775_1RB#14



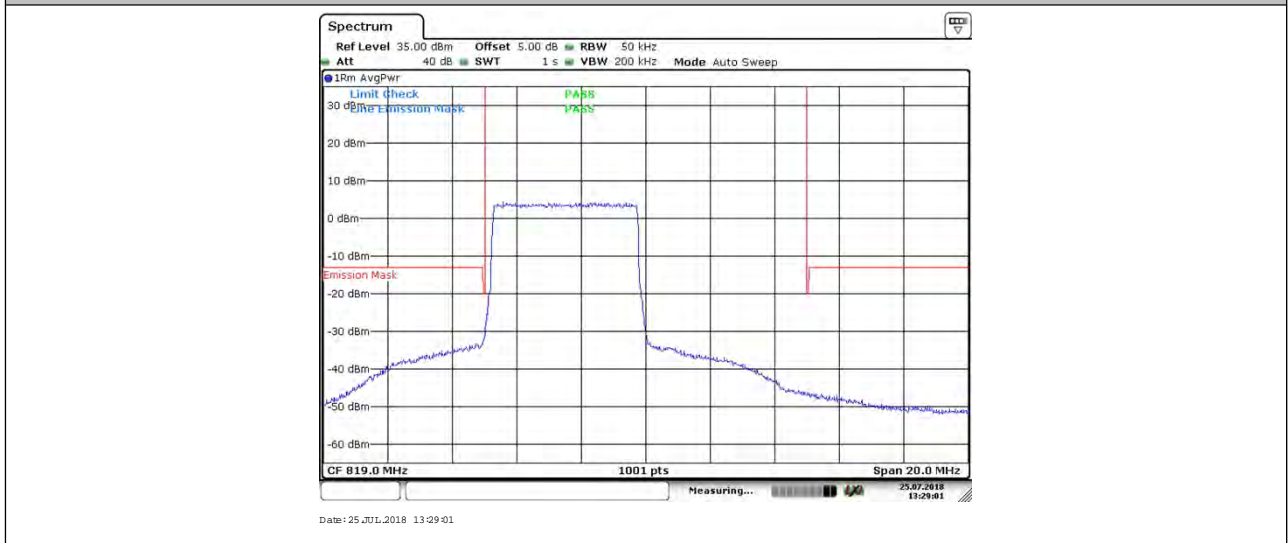
BAND26_3MHz_16QAM_26775_15RB#0



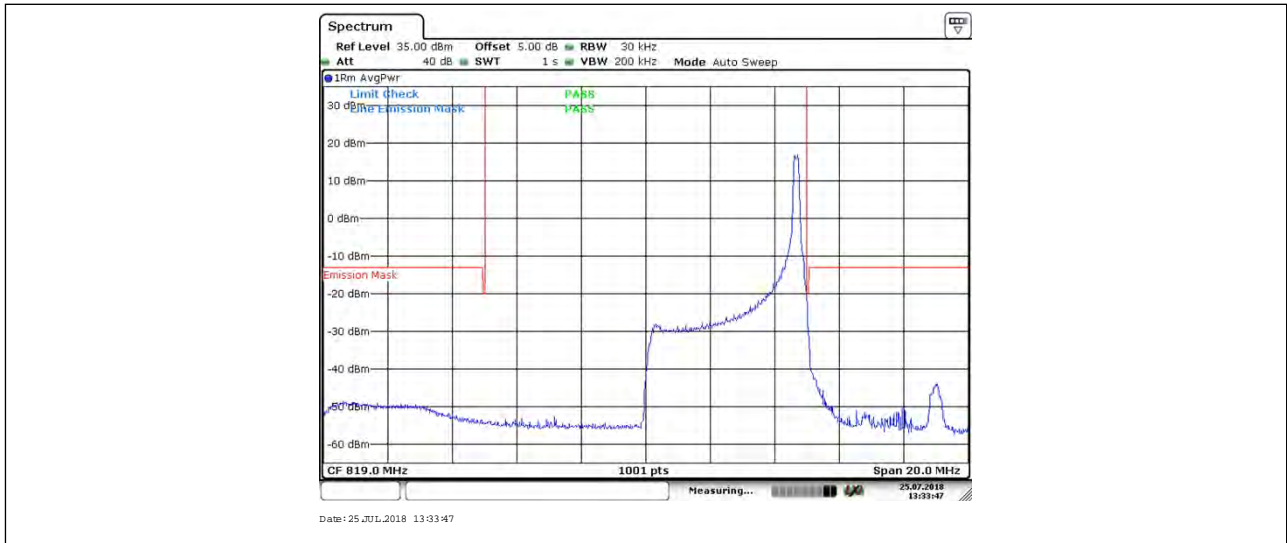
BAND26_5MHz_QPSK_26715_1RB#0



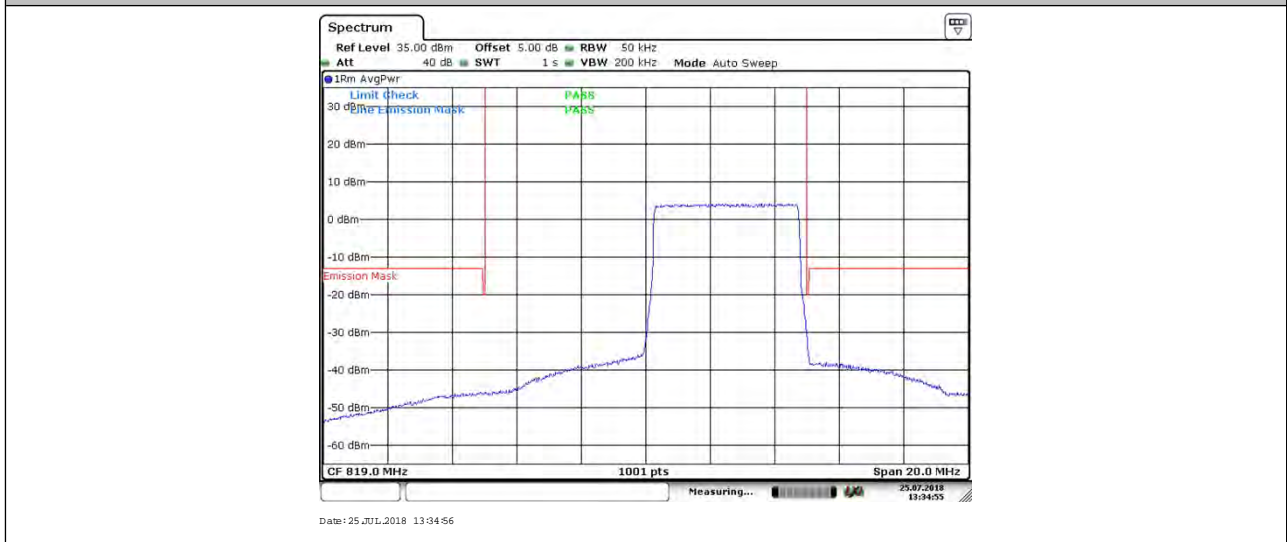
BAND26_5MHz_QPSK_26715_25RB#0



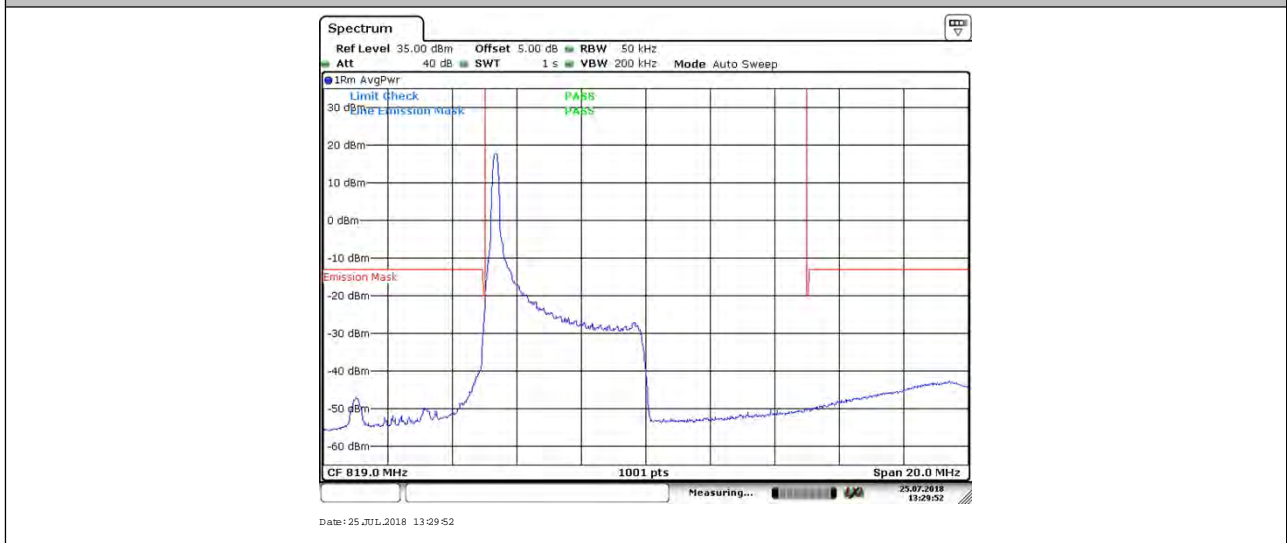
BAND26_5MHz_QPSK_26765_1RB#24



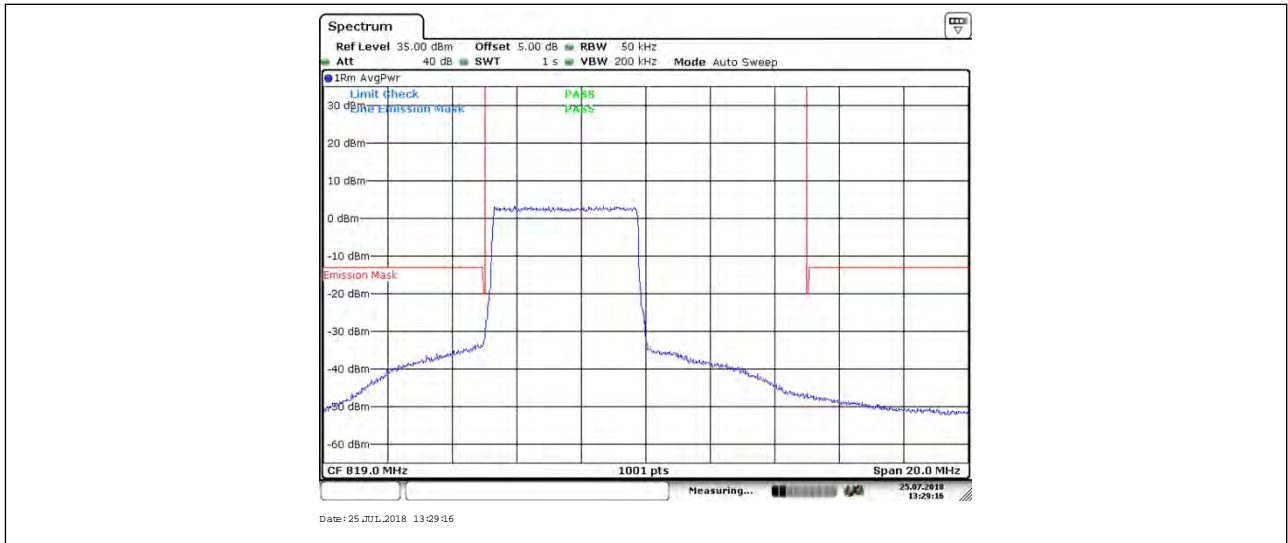
BAND26_5MHz_QPSK_26765_25RB#0



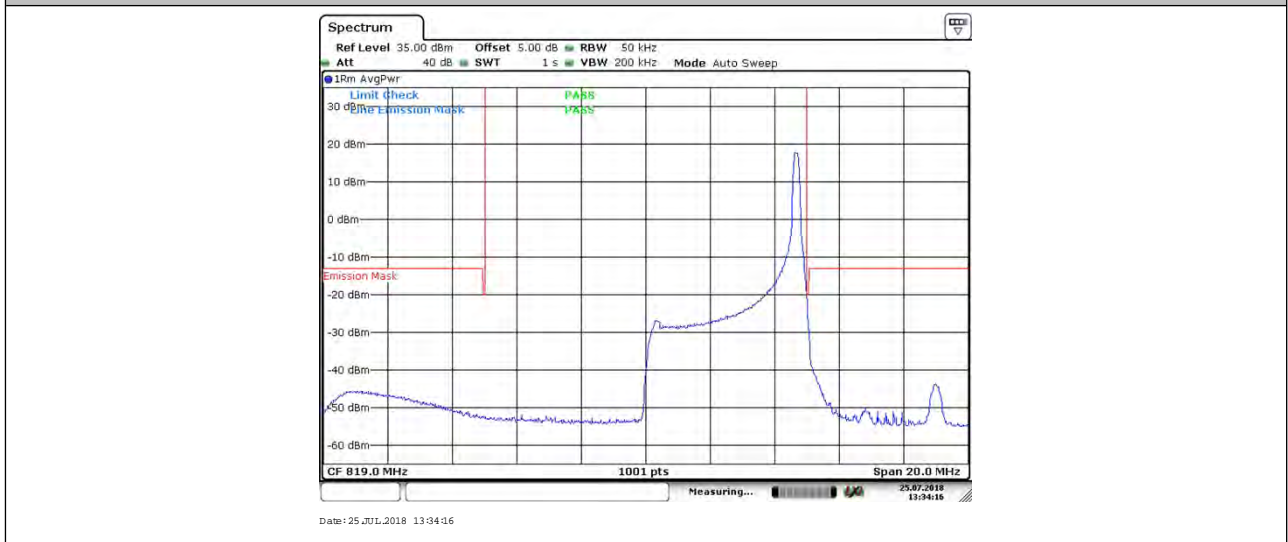
BAND26_5MHz_64QAM_26715_1RB#0



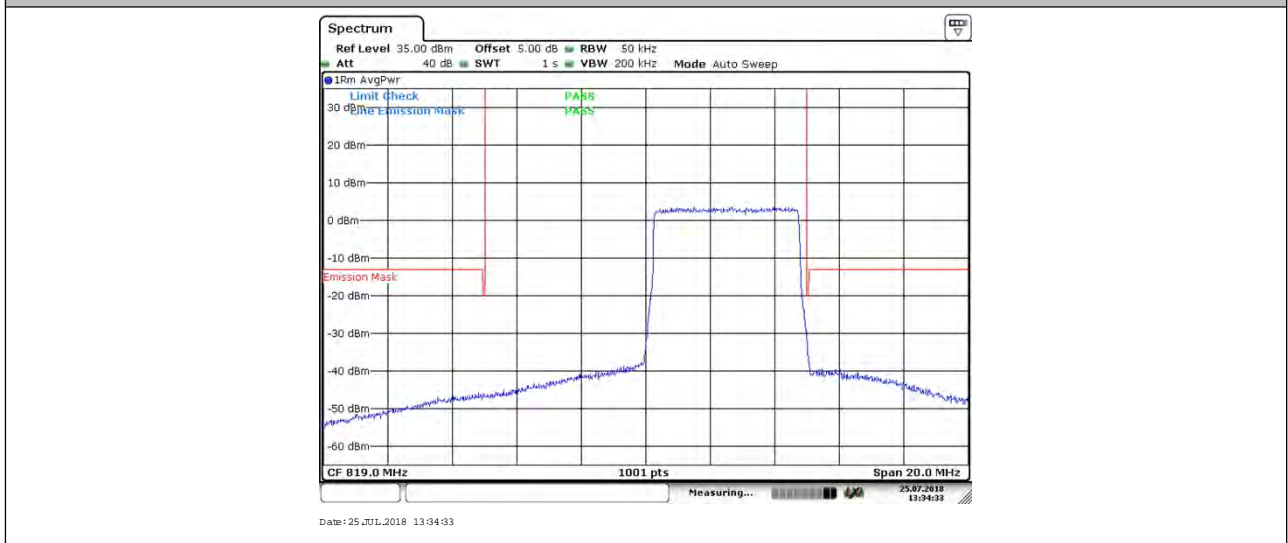
BAND26_5MHz_64QAM_26715_25RB#0



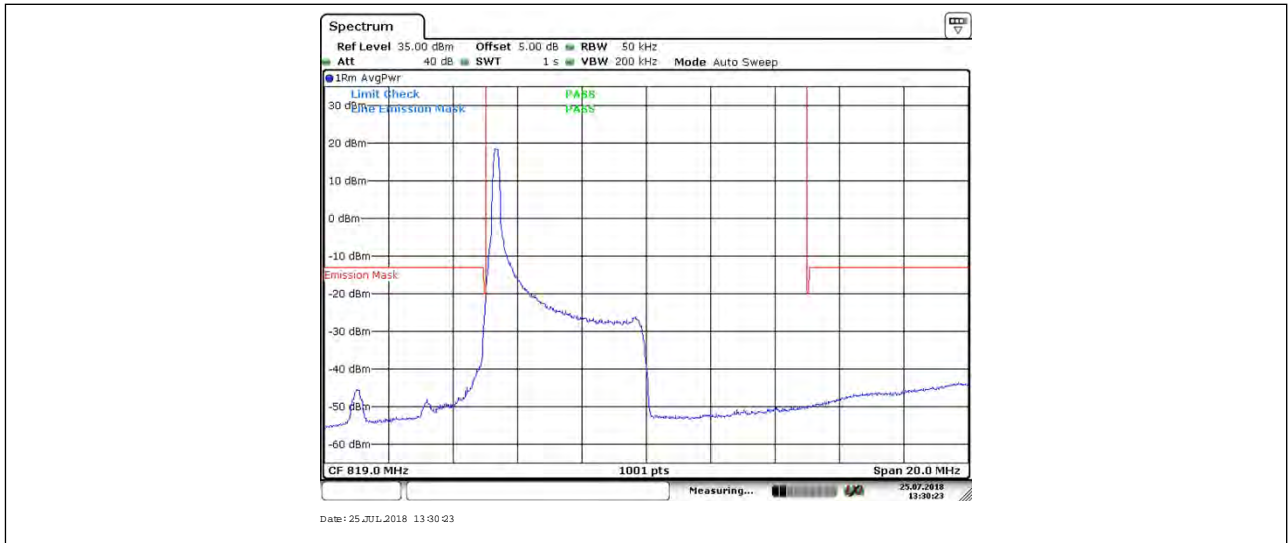
BAND26_5MHz_64QAM_26765_1RB#24



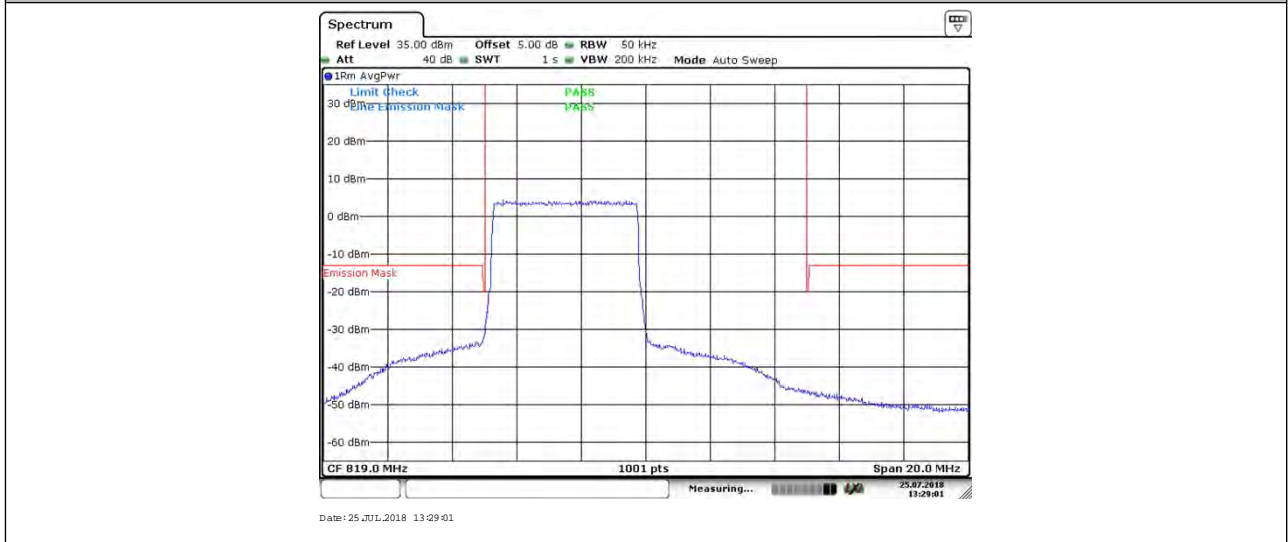
BAND26_5MHz_64QAM_26765_25RB#0



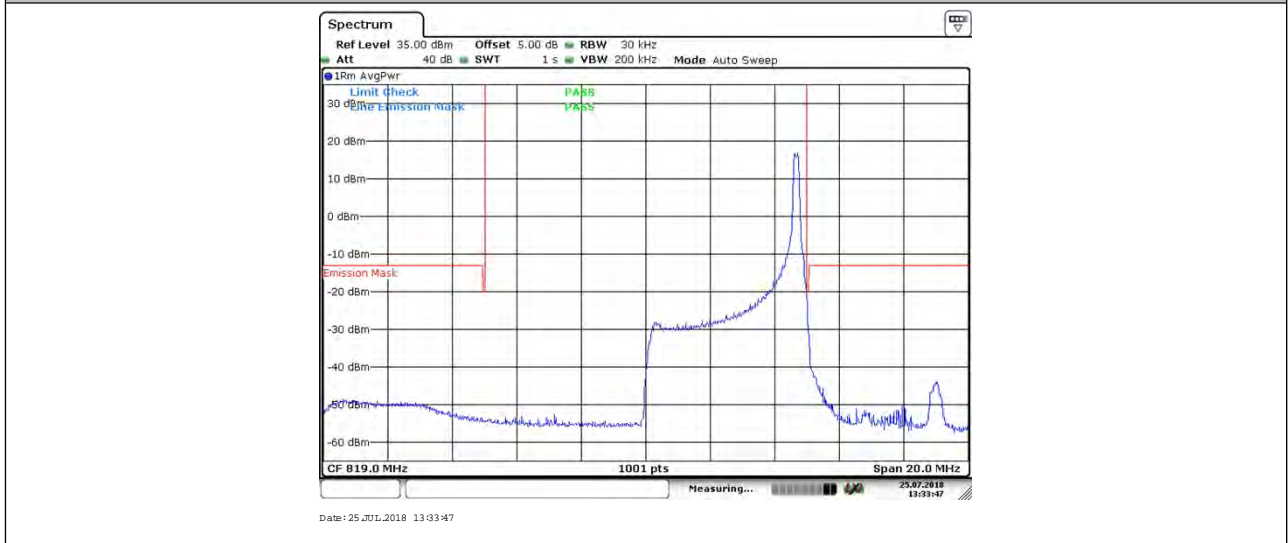
BAND26_5MHz_16QAM_26715_1RB#0



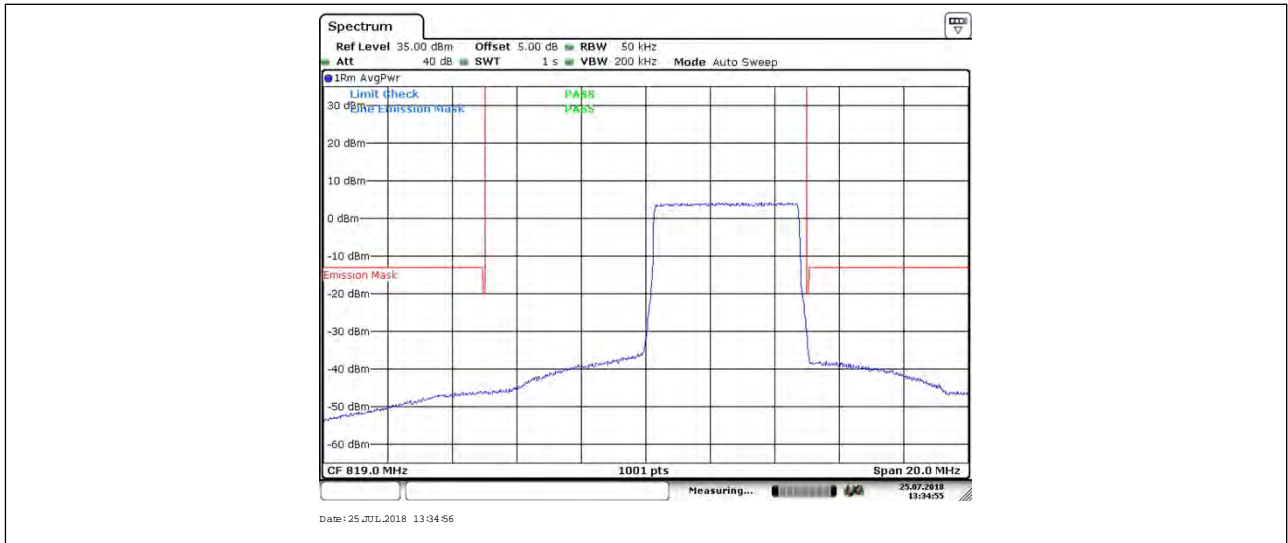
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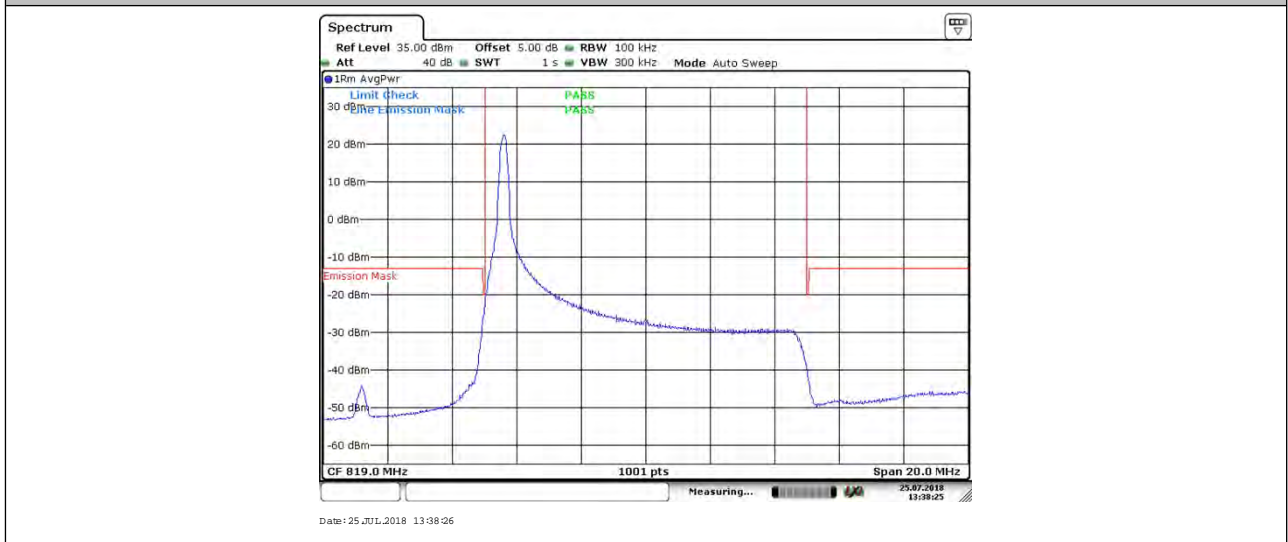
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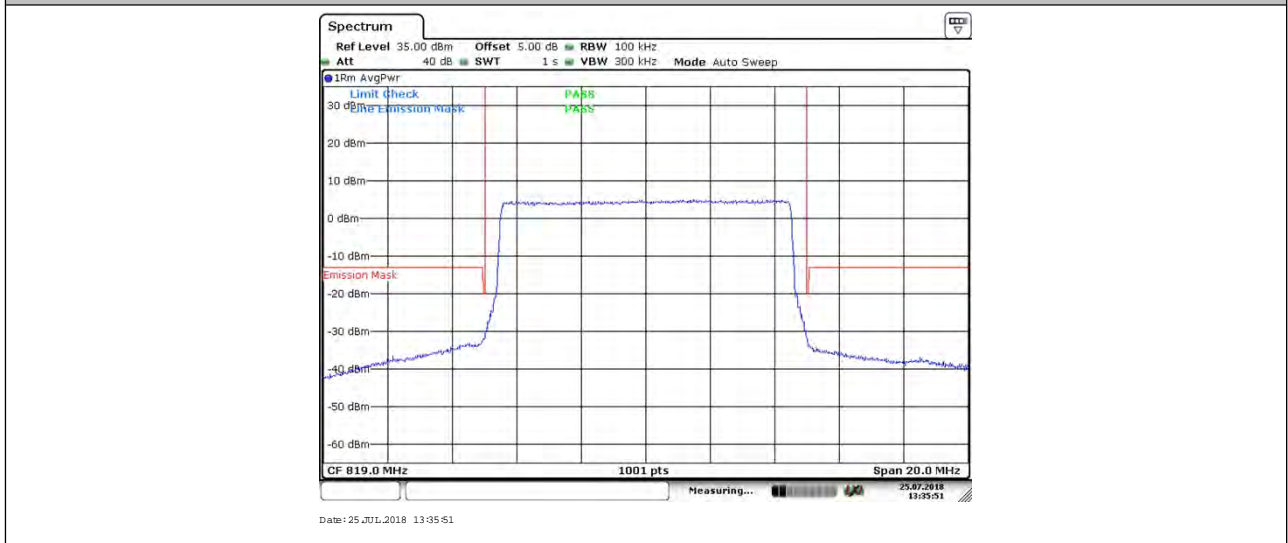
BAND26_5MHz_16QAM_26765_25RB#0



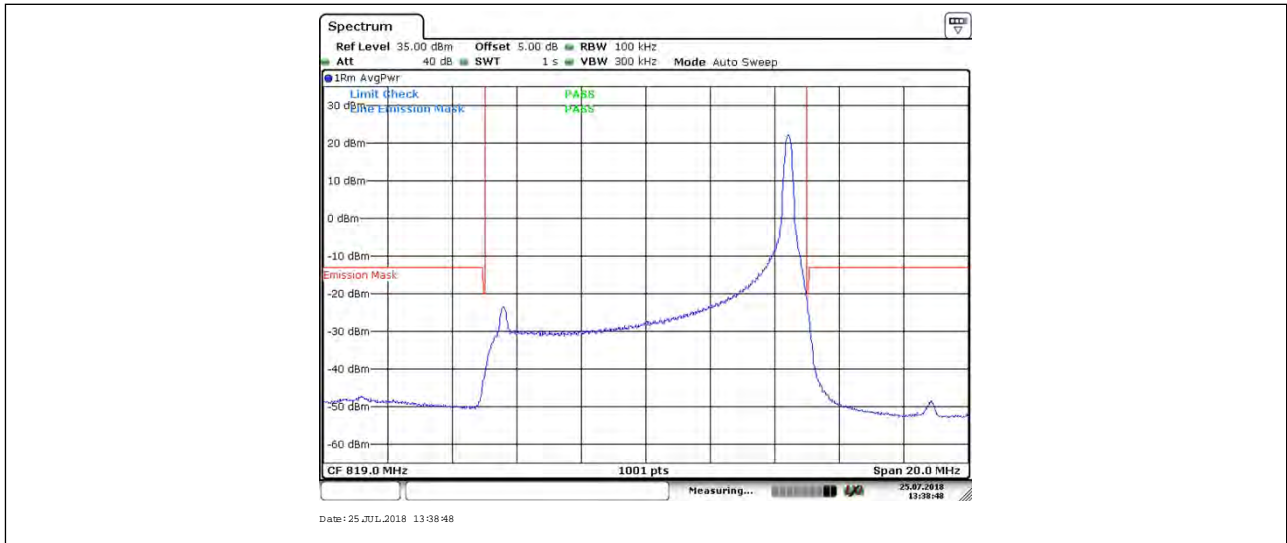
BAND26_10MHz_QPSK_26740_1RB#0



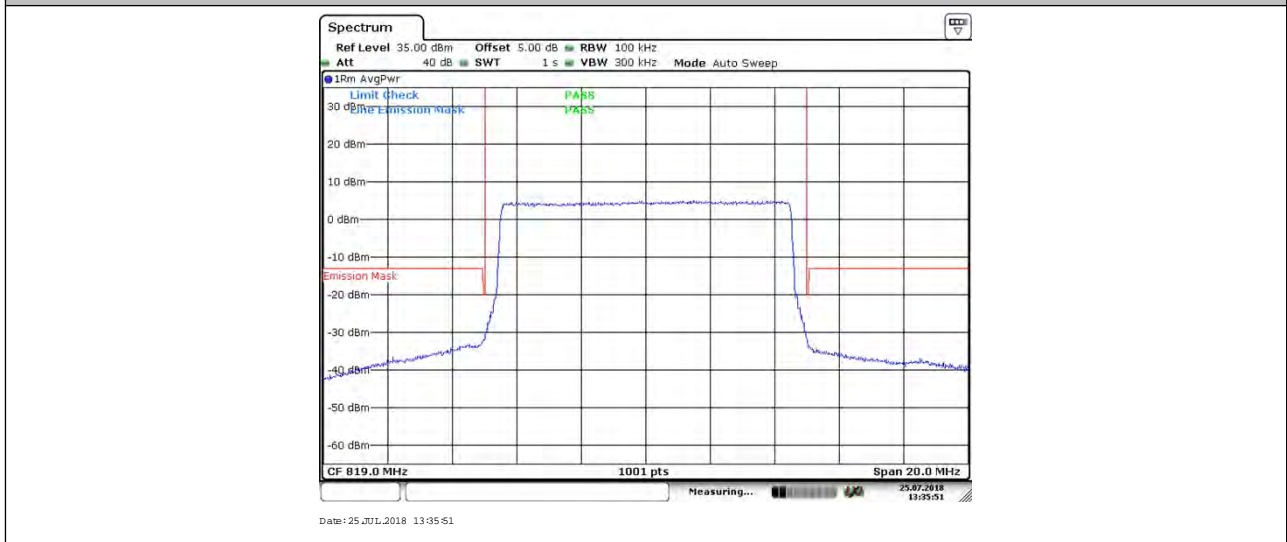
BAND26_10MHz_QPSK_26740_50RB#0



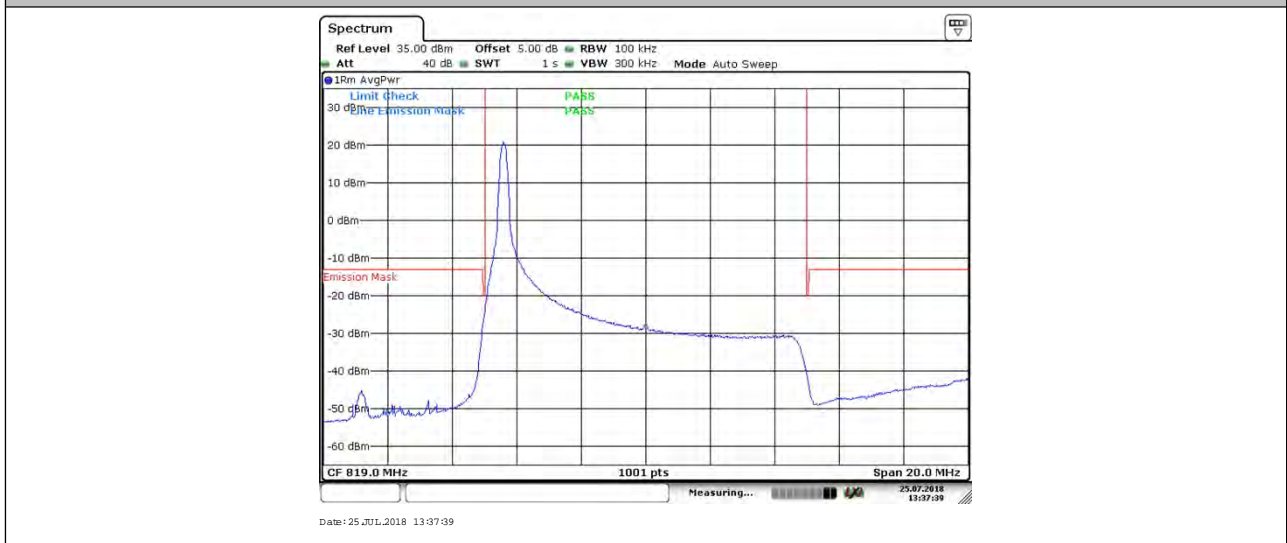
BAND26_10MHz_QPSK_26740_1RB#49



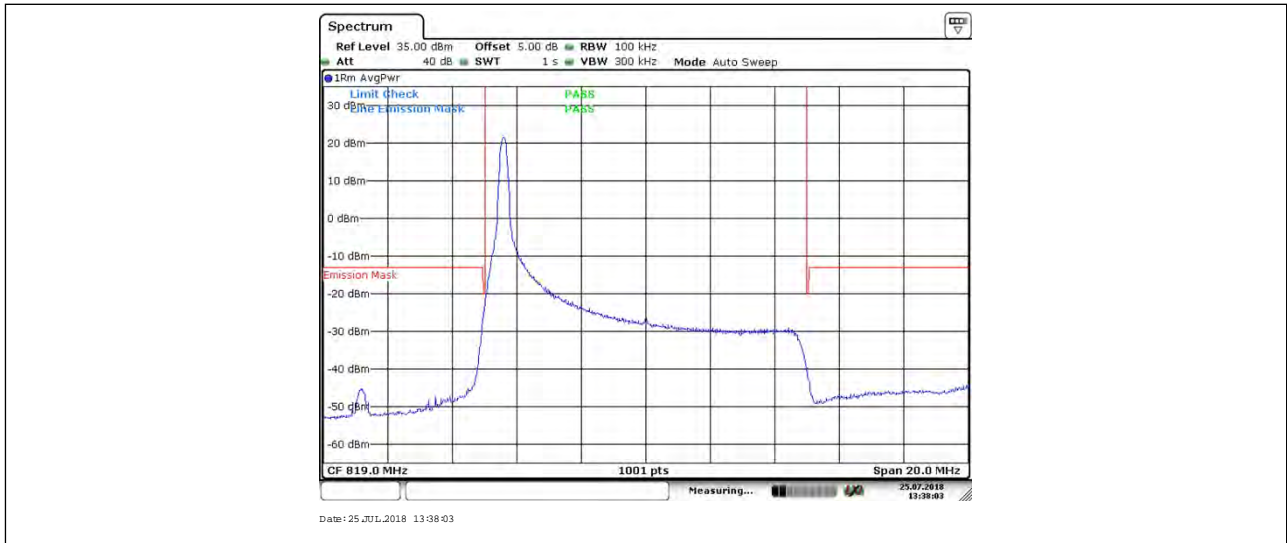
BAND26_10MHz_QPSK_26740_50RB#0



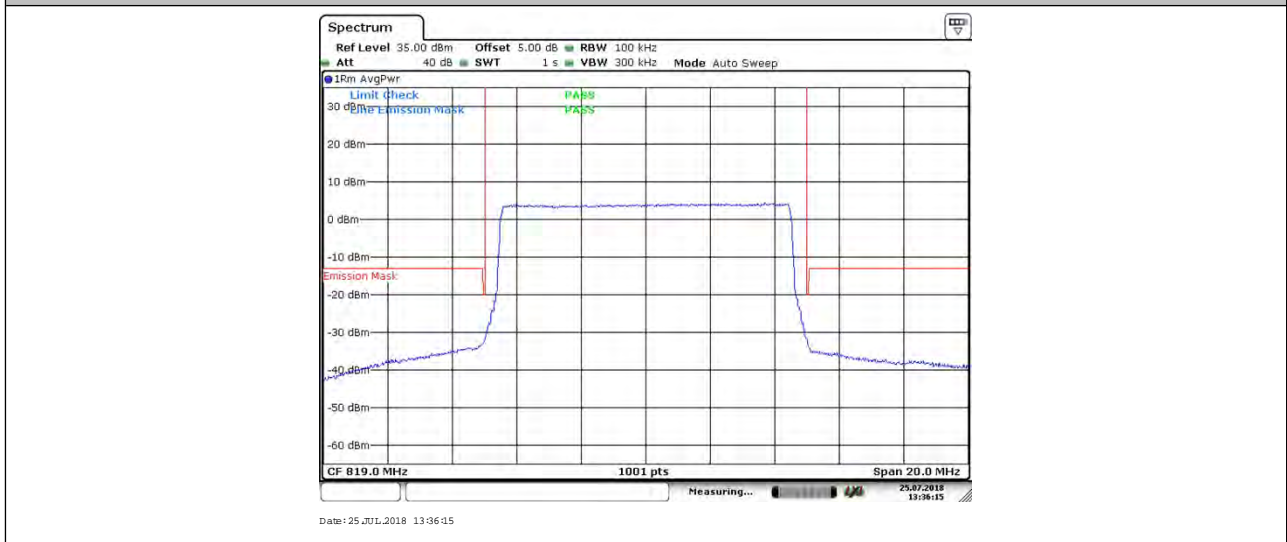
BAND26_10MHz_64QAM_26740_1RB#0



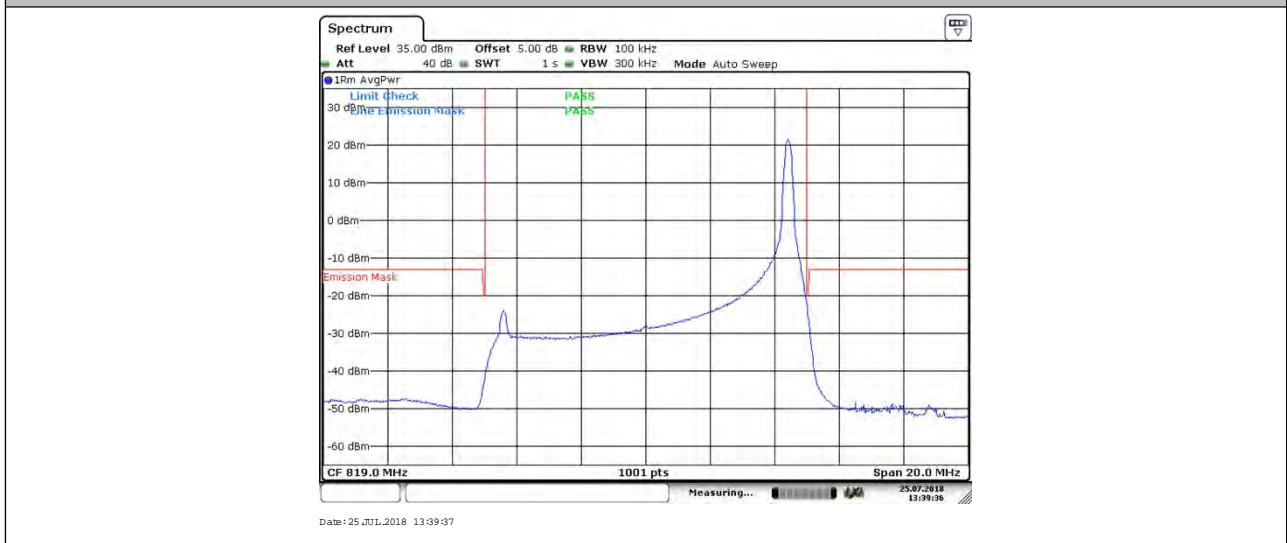
BAND26_10MHz_64QAM_26740_50RB#0



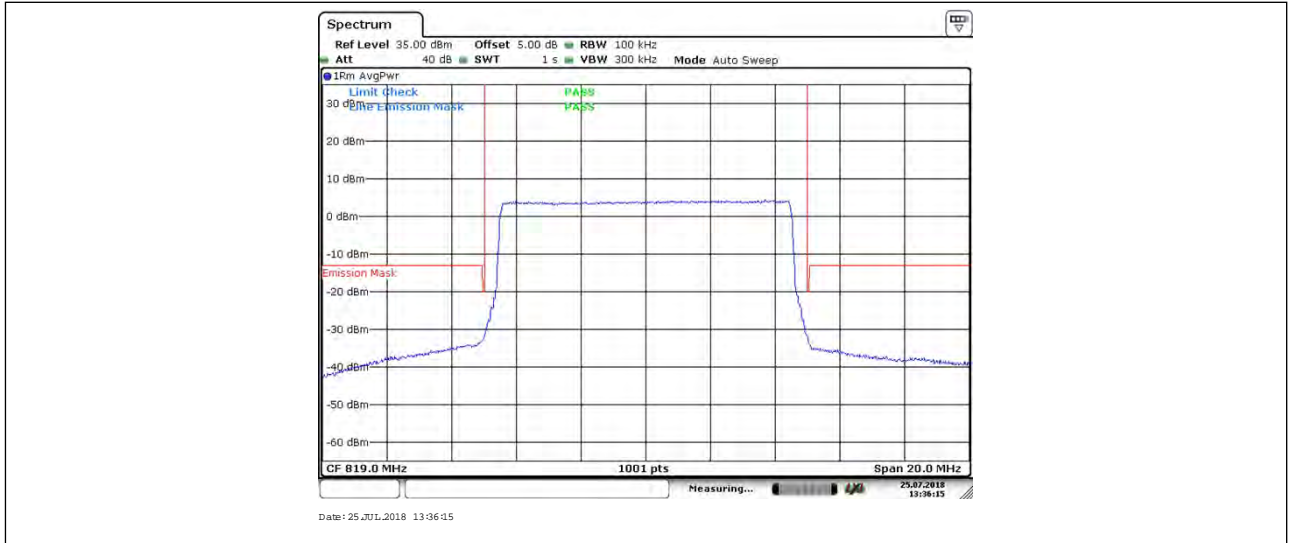
BAND26_10MHz_16QAM_26740_50RB#0



BAND26_10MHz_16QAM_26740_1RB#49



BAND26_10MHz_16QAM_26740_50RB#0



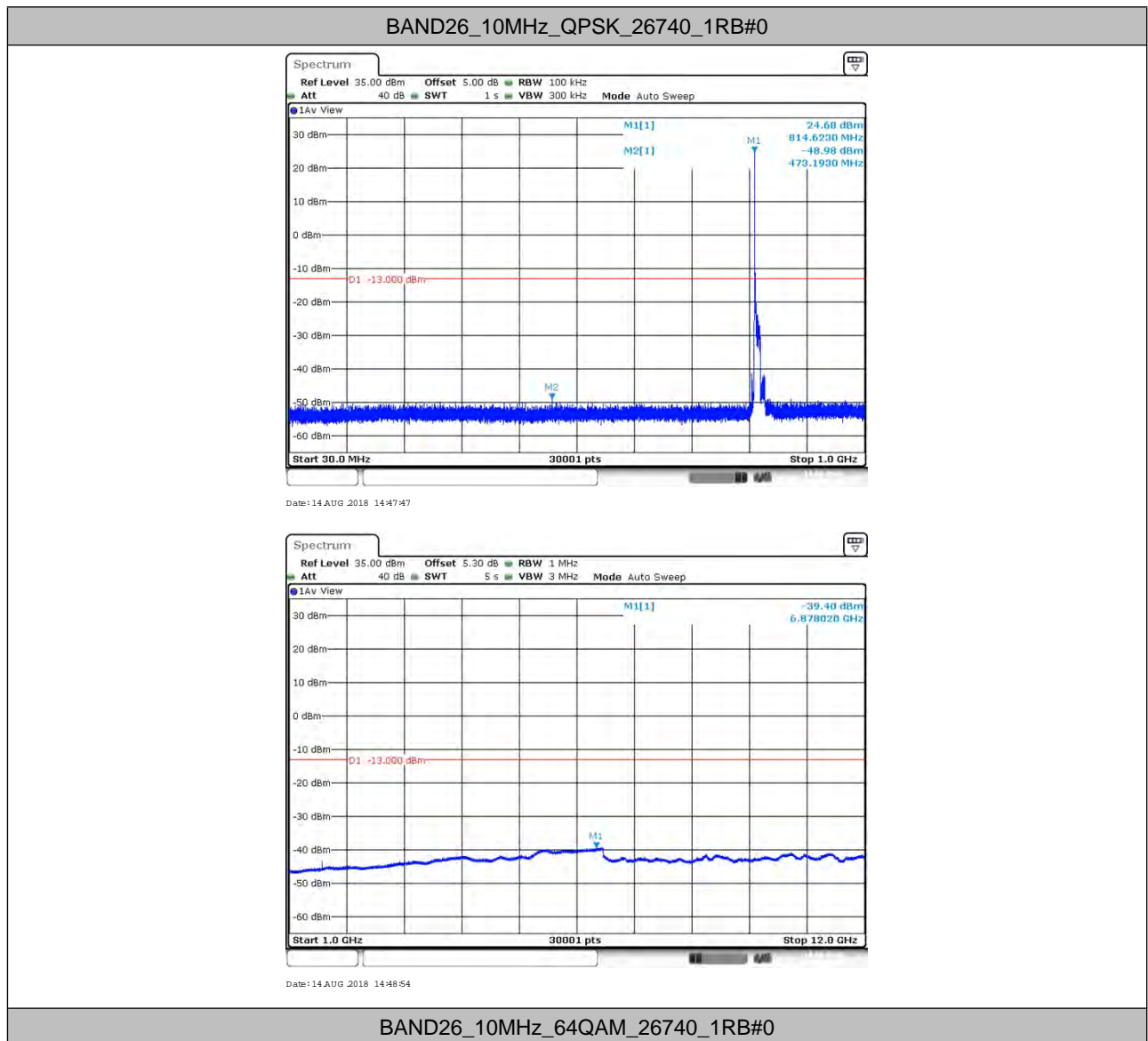


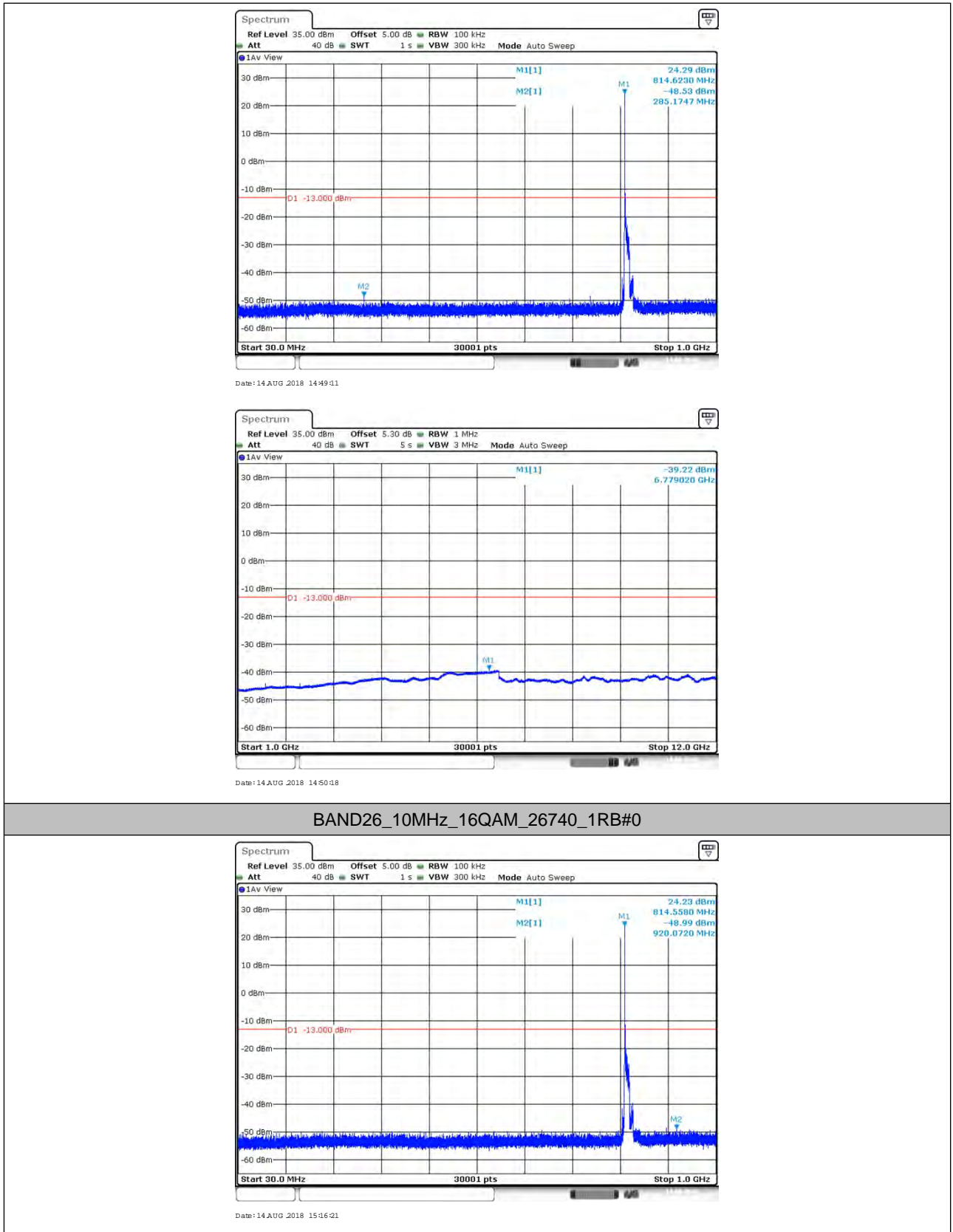
6. Spurious Emission at Antenna Terminal

NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

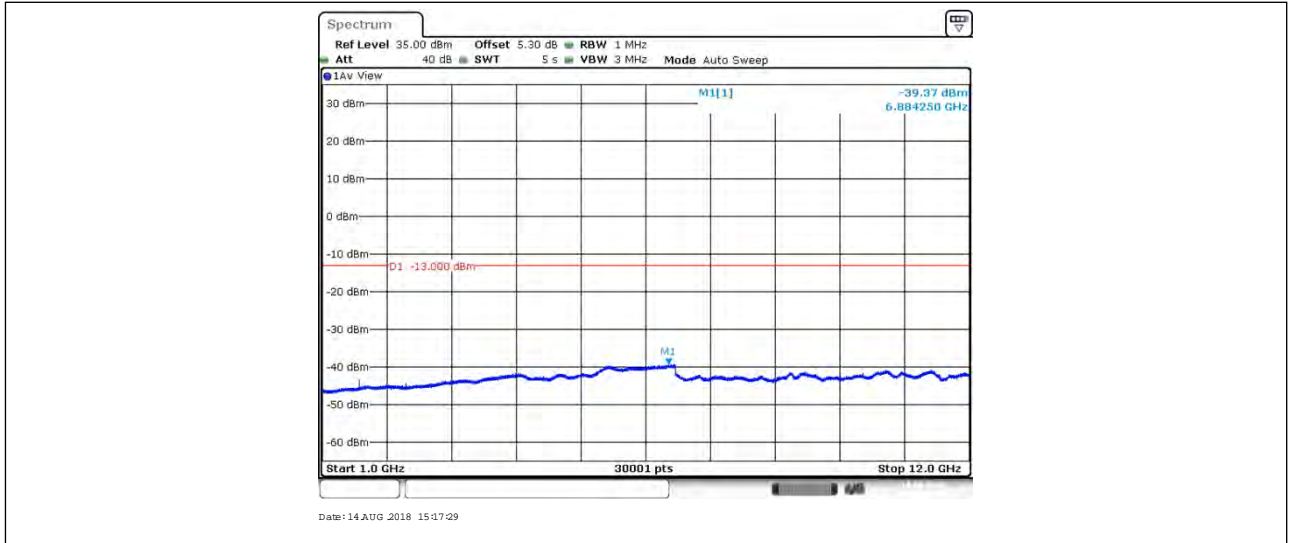
NOTE2: only the worst case data displayed in this report.

6.1. Test Plots





BAND26_10MHz_16QAM_26740_1RB#0



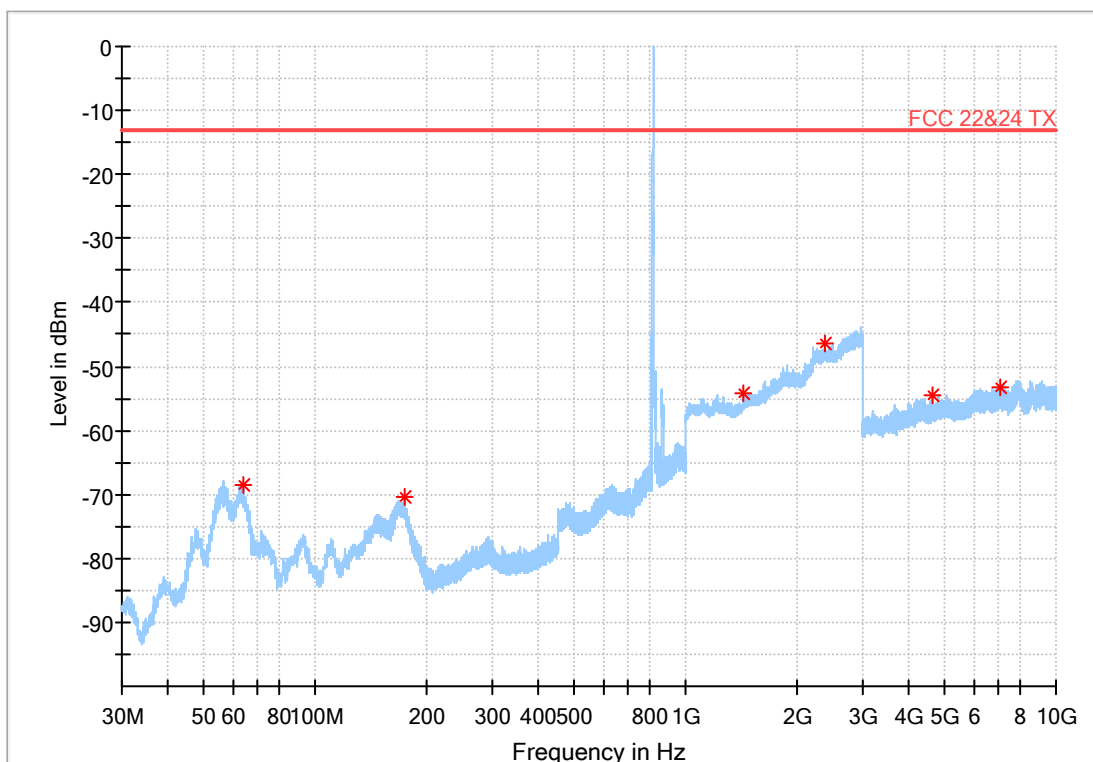
7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 26-Main Antenna

7.1.1. Test Mode =LTE/TM1 10MHz RB1#0

7.1.1.1. Test Channel = MCH_H

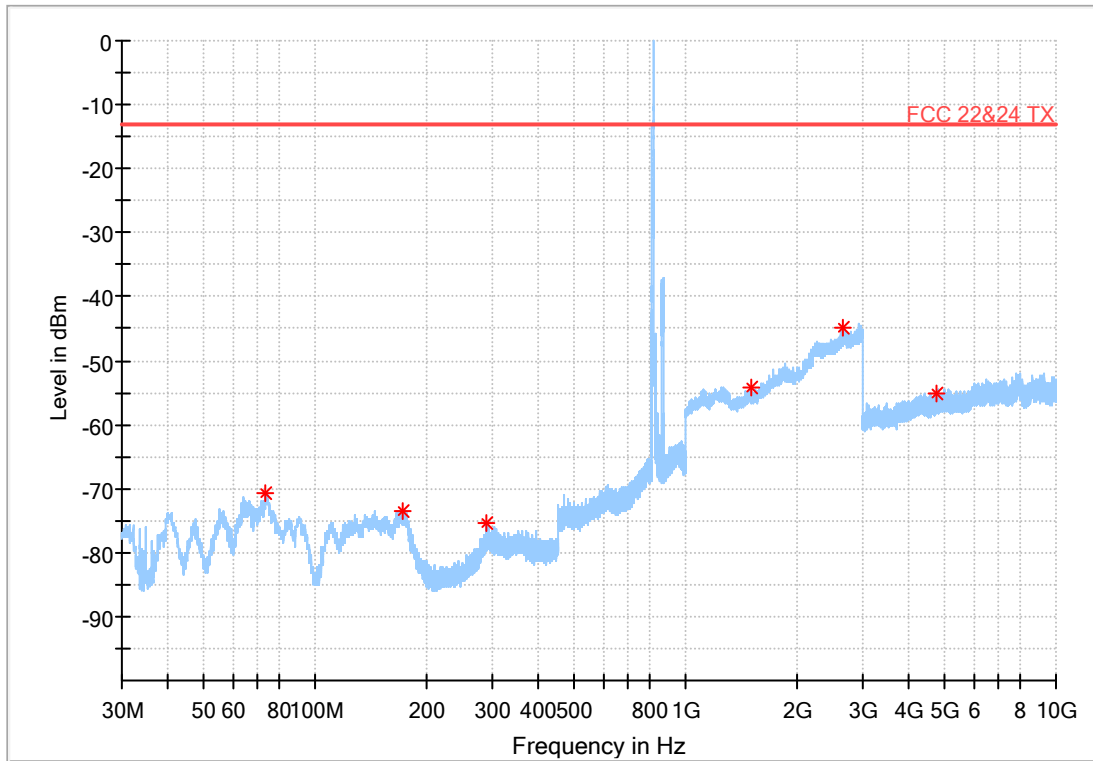
Full Spectrum





7.1.1.2. Test Channel = MCH_V

Full Spectrum



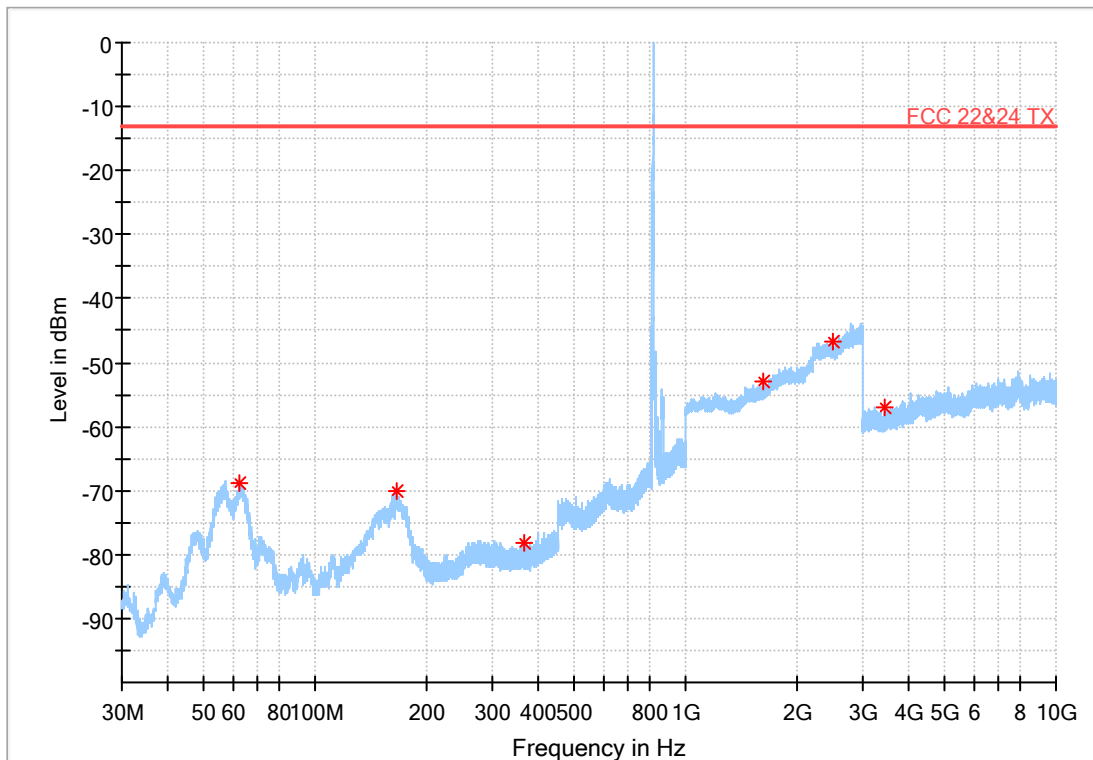


7.2. Test BAND = LTE BAND 26-Second Antenna

7.2.1. Test Mode =LTE/TM1 10MHz RB1#0

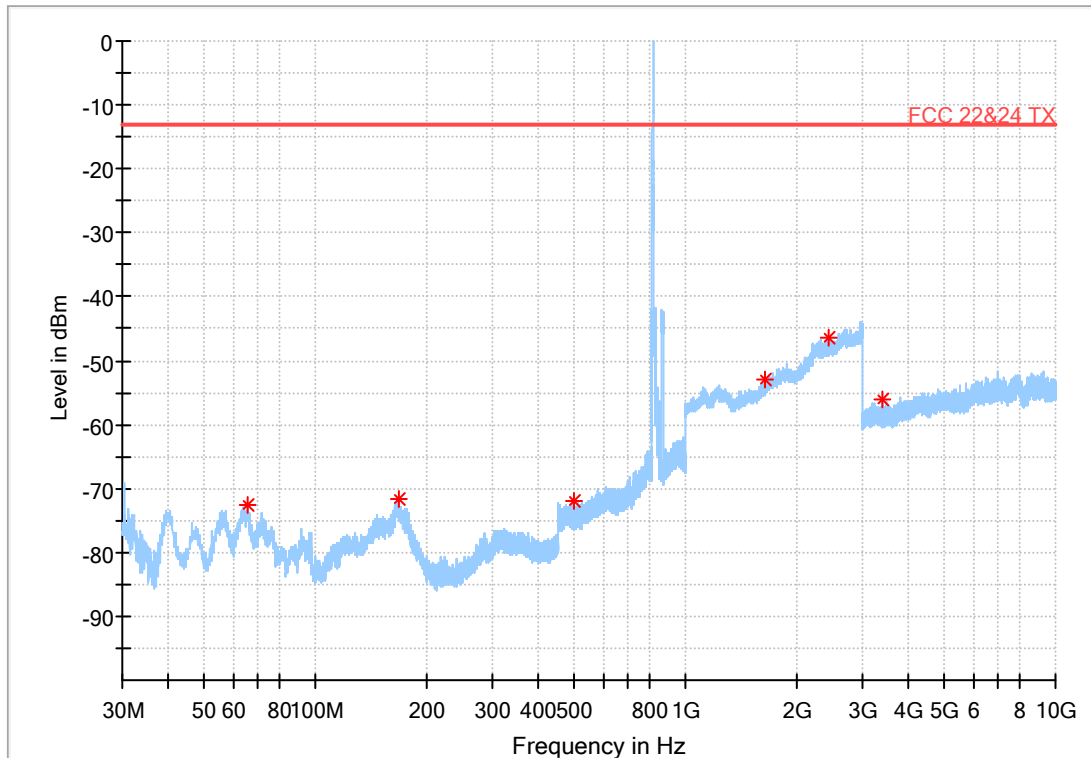
7.2.1.1. Test Channel = MCH_H

Full Spectrum



7.2.1.2. Test Channel = MCH_V

Full Spectrum



NOTE:

- 1) All modes are tested, but the data presented above is the worst case. the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worse case had been displayed.
- 2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



8. Frequency Stability

8.1. Frequency Vs Voltage

| Voltage | | | | | | | | | | |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| BAND | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | VL | NT | 0.90 | 0.001099 | ±2.5 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | VN | NT | 1.80 | 0.002198 | ±2.5 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | VH | NT | 1.80 | 0.002198 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | VL | NT | 1.00 | 0.001221 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | VN | NT | 1.60 | 0.001954 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | VH | NT | 1.30 | 0.001587 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | VL | NT | 1.60 | 0.001954 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | VN | NT | 1.20 | 0.001465 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | VH | NT | 1.00 | 0.001221 | ±2.5 | PASS |

8.2. Frequency Vs Temperature

| Temperature | | | | | | | | | | |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| BAND | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | NV | -30 | 0.90 | 0.001099 | ±2.5 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | NV | -20 | 1.50 | 0.001832 | ±2.5 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | NV | 0 | 1.20 | 0.001465 | ±2.5 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | NV | 10 | 1.20 | 0.001465 | ±2.5 | PASS |
| BAND26 | 10MHz | QPSK | 26740 | 50RB#0 | NV | 20 | 1.30 | 0.001587 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | NV | -30 | 0.90 | 0.001099 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | NV | -20 | 1.60 | 0.001954 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | NV | 0 | 0.90 | 0.001099 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | NV | 10 | 1.10 | 0.001343 | ±2.5 | PASS |
| BAND26 | 10MHz | 64QAM | 26740 | 50RB#0 | NV | 20 | 1.70 | 0.002076 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | NV | -30 | 1.20 | 0.001465 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | NV | -20 | 1.80 | 0.002198 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | NV | 0 | 0.60 | 0.000733 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | NV | 10 | 1.20 | 0.001465 | ±2.5 | PASS |
| BAND26 | 10MHz | 16QAM | 26740 | 50RB#0 | NV | 20 | 0.70 | 0.000855 | ±2.5 | PASS |

The End