



Appendix B

E-UTRA BAND 26 (824MHz-849MHz)



CONTENT

| | | |
|----------|--|----|
| 1. | EFFECTIVE (ISOTROPIC) RADIATED POWER | 4 |
| 1.1. | Test Result..... | 4 |
| 2. | PEAK-TO-AVERAGE RATIO(CCDF) | 12 |
| 2.1. | Test Result | 12 |
| 2.2. | Test Plots..... | 12 |
| 3. | MODULATION CHARACTERISTICS | 16 |
| 3.1. | Test BAND = LTE BAND 26..... | 16 |
| 3.1.1. | Test Mode = LTE /TM1 15MHz..... | 16 |
| 3.1.1.1. | Test Channel = MCH..... | 16 |
| 3.1.2. | Test Mode = LTE /TM2 15MHz..... | 17 |
| 3.1.2.1. | Test Channel = MCH..... | 17 |
| 3.1.3. | Test Mode = LTE /TM3 15MHz..... | 18 |
| 3.1.3.1. | Test Channel = MCH..... | 18 |
| 4. | 26DB BANDWIDTH AND OCCUPIED BANDWIDTH..... | 19 |
| 4.1. | Test Result..... | 19 |
| 4.2. | Test Plots..... | 20 |
| 5. | BAND EDGE COMPLIANCE | 36 |
| 5.1. | Test Plots..... | 36 |
| 6. | SPURIOUS EMISSION AT ANTENNA TERMINAL | 57 |
| 6.1. | Test Plots..... | 57 |
| 7. | FIELD STRENGTH OF SPURIOUS RADIATION | 64 |
| 7.1. | Test BAND = LTE BAND 26-Main Antenna | 64 |
| 7.1.1. | Test Mode =LTE/TM1 15MHz RB1#0..... | 64 |
| 7.1.1.1. | Test Channel = LCH_H..... | 64 |
| 7.1.1.2. | Test Channel = LCH_V..... | 65 |
| 7.1.1.3. | Test Channel = MCH_H..... | 66 |
| 7.1.1.4. | Test Channel = MCH_V..... | 67 |
| 7.1.1.5. | Test Channel = HCH_H..... | 68 |
| 7.1.1.6. | Test Channel = HCH_V | 69 |
| 7.2. | Test BAND = LTE BAND 26-Second Antenna | 70 |
| 7.2.1. | Test Mode =LTE/TM1 15MHz RB1#0..... | 70 |
| 7.2.1.1. | Test Channel = LCH_H..... | 70 |
| 7.2.1.2. | Test Channel = LCH_V..... | 71 |
| 7.2.1.3. | Test Channel = MCH_H..... | 72 |



| | | |
|----------|-------------------------------|----|
| 7.2.1.4. | Test Channel = MCH_V..... | 73 |
| 7.2.1.5. | Test Channel = HCH_H..... | 74 |
| 7.2.1.6. | Test Channel = HCH_V..... | 75 |
| 8. | FREQUENCY STABILITY..... | 76 |
| 8.1. | Frequency Vs Voltage..... | 76 |
| 8.2. | Frequency Vs Temperature..... | 76 |



1. Effective (Isotropic) Radiated Power

1.1. Test Result

| BAND | Bandwidth h | Modulation | Channel | RB Configuration | Result (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|--------|----------------|------------|---------|------------------|-----------------|--------------|----------------|---------|
| BAND26 | 1.4MHz | QPSK | 26797 | 1RB#0 | 24.35 | 19.25 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26797 | 1RB#2 | 23.91 | 18.81 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26797 | 1RB#5 | 24.06 | 18.96 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26797 | 3RB#0 | 24.02 | 18.92 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26797 | 3RB#1 | 23.99 | 18.89 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26797 | 3RB#3 | 24.10 | 19.00 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26797 | 6RB#0 | 22.58 | 17.48 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 1RB#0 | 24.20 | 19.10 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 1RB#2 | 23.96 | 18.86 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 1RB#5 | 24.35 | 19.25 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 3RB#0 | 23.99 | 18.89 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 3RB#1 | 23.99 | 18.89 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 3RB#3 | 24.10 | 19.00 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 6RB#0 | 22.59 | 17.49 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 1RB#0 | 24.06 | 18.96 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 1RB#2 | 23.86 | 18.76 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 1RB#5 | 23.98 | 18.88 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 3RB#0 | 24.04 | 18.94 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 3RB#1 | 24.04 | 18.94 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 3RB#3 | 24.14 | 19.04 | 38.45 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 6RB#0 | 22.66 | 17.56 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 1RB#0 | 23.17 | 18.07 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 1RB#2 | 23.00 | 17.90 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 1RB#5 | 23.15 | 18.05 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 3RB#0 | 23.09 | 17.99 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 3RB#1 | 22.92 | 17.82 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 3RB#3 | 23.13 | 18.03 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 6RB#0 | 22.06 | 16.96 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26915 | 1RB#0 | 22.34 | 17.24 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26915 | 1RB#2 | 21.85 | 16.75 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26915 | 1RB#5 | 22.44 | 17.34 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26915 | 3RB#0 | 22.11 | 17.01 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26915 | 3RB#1 | 22.05 | 16.95 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26915 | 3RB#3 | 22.13 | 17.03 | 38.45 | PASS |



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

Report No.: SZEM180700654901

Page: 5 of 77

| | | | | | | | | |
|--------|--------|-------|-------|--------|-------|-------|-------|------|
| BAND26 | 1.4MHz | 64QAM | 26915 | 6RB#0 | 21.10 | 16.00 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 1RB#0 | 22.27 | 17.17 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 1RB#2 | 21.84 | 16.74 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 1RB#5 | 22.14 | 17.04 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 3RB#0 | 22.11 | 17.01 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 3RB#1 | 22.02 | 16.92 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 3RB#3 | 22.13 | 17.03 | 38.45 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 6RB#0 | 21.01 | 15.91 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 1RB#0 | 23.51 | 18.41 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 1RB#2 | 22.92 | 17.82 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 1RB#5 | 23.25 | 18.15 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 3RB#0 | 23.09 | 17.99 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 3RB#1 | 22.87 | 17.77 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 3RB#3 | 23.10 | 18.00 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 6RB#0 | 22.10 | 17.00 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 1RB#0 | 23.32 | 18.22 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 1RB#2 | 22.81 | 17.71 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 1RB#5 | 23.45 | 18.35 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 3RB#0 | 23.00 | 17.90 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 3RB#1 | 22.90 | 17.80 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 3RB#3 | 23.07 | 17.97 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 6RB#0 | 22.06 | 16.96 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 1RB#0 | 23.15 | 18.05 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 1RB#2 | 22.82 | 17.72 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 1RB#5 | 23.19 | 18.09 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 3RB#0 | 23.08 | 17.98 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 3RB#1 | 22.99 | 17.89 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 3RB#3 | 23.19 | 18.09 | 38.45 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 6RB#0 | 22.01 | 16.91 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 1RB#0 | 24.10 | 19.00 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 1RB#8 | 23.26 | 18.16 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 1RB#14 | 24.23 | 19.13 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 8RB#0 | 22.79 | 17.69 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 8RB#4 | 22.65 | 17.55 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 8RB#7 | 22.57 | 17.47 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 15RB#0 | 22.65 | 17.55 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26915 | 1RB#0 | 24.22 | 19.12 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26915 | 1RB#8 | 23.14 | 18.04 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26915 | 1RB#14 | 24.05 | 18.95 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26915 | 8RB#0 | 22.69 | 17.59 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26915 | 8RB#4 | 22.62 | 17.52 | 38.45 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

Report No.: SZEM180700654901

Page: 6 of 77

| | | | | | | | | |
|--------|------|-------|-------|--------|-------|-------|-------|------|
| BAND26 | 3MHz | QPSK | 26915 | 8RB#7 | 22.58 | 17.48 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 26915 | 15RB#0 | 22.62 | 17.52 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 1RB#0 | 24.10 | 19.00 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 1RB#8 | 23.09 | 17.99 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 1RB#14 | 24.01 | 18.91 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 8RB#0 | 22.57 | 17.47 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 8RB#4 | 22.55 | 17.45 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 8RB#7 | 22.55 | 17.45 | 38.45 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 15RB#0 | 22.57 | 17.47 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 1RB#0 | 23.16 | 18.06 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 1RB#8 | 22.11 | 17.01 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 1RB#14 | 23.16 | 18.06 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 8RB#0 | 22.19 | 17.09 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 8RB#4 | 22.11 | 17.01 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 8RB#7 | 22.06 | 16.96 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 15RB#0 | 22.08 | 16.98 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 1RB#0 | 22.35 | 17.25 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 1RB#8 | 21.26 | 16.16 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 1RB#14 | 22.20 | 17.10 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 8RB#0 | 21.18 | 16.08 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 8RB#4 | 21.11 | 16.01 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 8RB#7 | 21.08 | 15.98 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 15RB#0 | 21.09 | 15.99 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 1RB#0 | 22.23 | 17.13 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 1RB#8 | 21.20 | 16.10 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 1RB#14 | 22.43 | 17.33 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 8RB#0 | 21.07 | 15.97 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 8RB#4 | 21.02 | 15.92 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 8RB#7 | 21.00 | 15.90 | 38.45 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 15RB#0 | 21.04 | 15.94 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 1RB#0 | 23.17 | 18.07 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 1RB#8 | 22.21 | 17.11 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 1RB#14 | 23.17 | 18.07 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 8RB#0 | 22.19 | 17.09 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 8RB#4 | 22.14 | 17.04 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 8RB#7 | 22.07 | 16.97 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 15RB#0 | 22.09 | 16.99 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26915 | 1RB#0 | 23.27 | 18.17 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26915 | 1RB#8 | 22.23 | 17.13 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26915 | 1RB#14 | 23.16 | 18.06 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26915 | 8RB#0 | 22.16 | 17.06 | 38.45 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

Report No.: SZEM180700654901

Page: 7 of 77

| | | | | | | | | |
|--------|------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 3MHz | 16QAM | 26915 | 8RB#4 | 22.10 | 17.00 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26915 | 8RB#7 | 22.07 | 16.97 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 26915 | 15RB#0 | 22.07 | 16.97 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 1RB#0 | 23.20 | 18.10 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 1RB#8 | 22.16 | 17.06 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 1RB#14 | 23.37 | 18.27 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 8RB#0 | 22.06 | 16.96 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 8RB#4 | 22.04 | 16.94 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 8RB#7 | 22.02 | 16.92 | 38.45 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 15RB#0 | 22.01 | 16.91 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 1RB#0 | 24.17 | 19.07 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 1RB#12 | 23.67 | 18.57 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 1RB#24 | 23.95 | 18.85 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 12RB#0 | 22.70 | 17.60 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 12RB#6 | 22.78 | 17.68 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 12RB#13 | 22.78 | 17.68 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 25RB#0 | 22.58 | 17.48 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 1RB#0 | 24.28 | 19.18 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 1RB#12 | 23.57 | 18.47 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 1RB#24 | 23.98 | 18.88 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 12RB#0 | 22.67 | 17.57 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 12RB#6 | 22.64 | 17.54 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 12RB#13 | 22.63 | 17.53 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 25RB#0 | 22.58 | 17.48 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 1RB#0 | 23.96 | 18.86 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 1RB#12 | 23.54 | 18.44 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 1RB#24 | 24.00 | 18.90 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 12RB#0 | 22.74 | 17.64 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 12RB#6 | 22.57 | 17.47 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 12RB#13 | 22.51 | 17.41 | 38.45 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 25RB#0 | 22.63 | 17.53 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 1RB#0 | 23.23 | 18.13 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 1RB#12 | 22.64 | 17.54 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 1RB#24 | 23.34 | 18.24 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 12RB#0 | 22.23 | 17.13 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 12RB#6 | 22.21 | 17.11 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 12RB#13 | 22.22 | 17.12 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 25RB#0 | 22.04 | 16.94 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26915 | 1RB#0 | 22.38 | 17.28 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26915 | 1RB#12 | 21.84 | 16.74 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26915 | 1RB#24 | 22.15 | 17.05 | 38.45 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

Report No.: SZEM180700654901

Page: 8 of 77

| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 5MHz | 64QAM | 26915 | 12RB#0 | 21.14 | 16.04 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26915 | 12RB#6 | 21.13 | 16.03 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26915 | 12RB#13 | 21.08 | 15.98 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 26915 | 25RB#0 | 21.03 | 15.93 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 1RB#0 | 22.11 | 17.01 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 1RB#12 | 21.78 | 16.68 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 1RB#24 | 22.15 | 17.05 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 12RB#0 | 21.13 | 16.03 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 12RB#6 | 21.10 | 16.00 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 12RB#13 | 21.01 | 15.91 | 38.45 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 25RB#0 | 21.11 | 16.01 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 1RB#0 | 23.31 | 18.21 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 1RB#12 | 22.61 | 17.51 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 1RB#24 | 23.35 | 18.25 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 12RB#0 | 22.26 | 17.16 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 12RB#6 | 22.27 | 17.17 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 12RB#13 | 22.23 | 17.13 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 25RB#0 | 22.05 | 16.95 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 1RB#0 | 23.40 | 18.30 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 1RB#12 | 22.71 | 17.61 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 1RB#24 | 23.04 | 17.94 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 12RB#0 | 22.14 | 17.04 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 12RB#6 | 22.09 | 16.99 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 12RB#13 | 22.05 | 16.95 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 25RB#0 | 22.01 | 16.91 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 1RB#0 | 23.07 | 17.97 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 1RB#12 | 22.53 | 17.43 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 1RB#24 | 23.23 | 18.13 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 12RB#0 | 22.10 | 17.00 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 12RB#6 | 22.03 | 16.93 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 12RB#13 | 21.98 | 16.88 | 38.45 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 25RB#0 | 22.07 | 16.97 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 1RB#0 | 24.34 | 19.24 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 1RB#24 | 23.96 | 18.86 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 1RB#49 | 24.33 | 19.23 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 25RB#0 | 22.85 | 17.75 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 25RB#12 | 22.83 | 17.73 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 25RB#25 | 22.80 | 17.70 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 50RB#0 | 22.83 | 17.73 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 1RB#0 | 24.33 | 19.23 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 1RB#24 | 23.95 | 18.85 | 38.45 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

Report No.: SZEM180700654901

Page: 9 of 77

| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 10MHz | QPSK | 26915 | 1RB#49 | 24.26 | 19.16 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 25RB#0 | 22.95 | 17.85 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 25RB#12 | 22.60 | 17.50 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 25RB#25 | 22.80 | 17.70 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 50RB#0 | 22.54 | 17.44 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 1RB#0 | 24.06 | 18.96 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 1RB#24 | 23.85 | 18.75 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 1RB#49 | 23.94 | 18.84 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 25RB#0 | 22.66 | 17.56 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 25RB#12 | 22.67 | 17.57 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 25RB#25 | 22.61 | 17.51 | 38.45 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 50RB#0 | 22.65 | 17.55 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 1RB#0 | 23.32 | 18.22 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 1RB#24 | 23.08 | 17.98 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 1RB#49 | 23.34 | 18.24 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 25RB#0 | 22.28 | 17.18 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 25RB#12 | 22.25 | 17.15 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 25RB#25 | 22.22 | 17.12 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 50RB#0 | 22.27 | 17.17 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 1RB#0 | 22.38 | 17.28 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 1RB#24 | 22.01 | 16.91 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 1RB#49 | 22.28 | 17.18 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 25RB#0 | 21.42 | 16.32 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 25RB#12 | 21.07 | 15.97 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 25RB#25 | 21.25 | 16.15 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 50RB#0 | 21.01 | 15.91 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 1RB#0 | 22.18 | 17.08 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 1RB#24 | 21.86 | 16.76 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 1RB#49 | 22.32 | 17.22 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 25RB#0 | 21.09 | 15.99 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 25RB#12 | 21.15 | 16.05 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 25RB#25 | 21.10 | 16.00 | 38.45 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 50RB#0 | 21.10 | 16.00 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 1RB#0 | 23.55 | 18.45 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 1RB#24 | 22.95 | 17.85 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 1RB#49 | 23.51 | 18.41 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 25RB#0 | 22.30 | 17.20 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 25RB#12 | 22.29 | 17.19 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 25RB#25 | 22.24 | 17.14 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 50RB#0 | 22.27 | 17.17 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 1RB#0 | 23.51 | 18.41 | 38.45 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

Report No.: SZEM180700654901

Page: 10 of 77

| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 10MHz | 16QAM | 26915 | 1RB#24 | 22.93 | 17.83 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 1RB#49 | 23.37 | 18.27 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 25RB#0 | 22.37 | 17.27 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 25RB#12 | 22.00 | 16.90 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 25RB#25 | 22.23 | 17.13 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 50RB#0 | 21.98 | 16.88 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 1RB#0 | 23.18 | 18.08 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 1RB#24 | 22.89 | 17.79 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 1RB#49 | 23.38 | 18.28 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 25RB#0 | 22.03 | 16.93 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 25RB#12 | 22.10 | 17.00 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 25RB#25 | 22.06 | 16.96 | 38.45 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 50RB#0 | 22.07 | 16.97 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 1RB#0 | 24.30 | 19.20 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 1RB#38 | 24.30 | 19.20 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 1RB#74 | 23.93 | 18.83 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 36RB#0 | 22.92 | 17.82 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 36RB#18 | 22.93 | 17.83 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 36RB#39 | 22.53 | 17.43 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | 22.93 | 17.83 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 1RB#0 | 24.21 | 19.11 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 1RB#38 | 24.34 | 19.24 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 1RB#74 | 24.09 | 18.99 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 36RB#0 | 22.82 | 17.72 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 36RB#18 | 22.64 | 17.54 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 36RB#39 | 22.54 | 17.44 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | 22.63 | 17.53 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 1RB#0 | 24.13 | 19.03 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 1RB#38 | 24.09 | 18.99 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 1RB#74 | 24.27 | 19.17 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 36RB#0 | 22.68 | 17.58 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 36RB#18 | 22.56 | 17.46 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 36RB#39 | 22.66 | 17.56 | 38.45 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | 22.68 | 17.58 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 1RB#0 | 22.31 | 17.21 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 1RB#38 | 22.37 | 17.27 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 1RB#74 | 22.41 | 17.31 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 36RB#0 | 21.36 | 16.26 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 36RB#18 | 21.04 | 15.94 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 36RB#39 | 21.35 | 16.25 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | 21.37 | 16.27 | 38.45 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

Report No.: SZEM180700654901

Page: 11 of 77

| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| BAND26 | 15MHz | 64QAM | 26915 | 1RB#0 | 22.38 | 17.28 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 1RB#38 | 22.36 | 17.26 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 1RB#74 | 22.16 | 17.06 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 36RB#0 | 21.16 | 16.06 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 36RB#18 | 21.09 | 15.99 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 36RB#39 | 21.01 | 15.91 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | 21.09 | 15.99 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 1RB#0 | 22.25 | 17.15 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 1RB#38 | 22.18 | 17.08 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 1RB#74 | 22.41 | 17.31 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 36RB#0 | 21.08 | 15.98 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 36RB#18 | 21.03 | 15.93 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 36RB#39 | 21.10 | 16.00 | 38.45 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | 21.04 | 15.94 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 1RB#0 | 23.41 | 18.31 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 1RB#38 | 23.44 | 18.34 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 1RB#74 | 23.15 | 18.05 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 36RB#0 | 22.36 | 17.26 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 36RB#18 | 22.02 | 16.92 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 36RB#39 | 22.33 | 17.23 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | 22.36 | 17.26 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 1RB#0 | 23.48 | 18.38 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 1RB#38 | 23.37 | 18.27 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 1RB#74 | 23.11 | 18.01 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 36RB#0 | 22.17 | 17.07 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 36RB#18 | 22.06 | 16.96 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 36RB#39 | 21.97 | 16.87 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | 22.05 | 16.95 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 1RB#0 | 23.24 | 18.14 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 1RB#38 | 23.19 | 18.09 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 1RB#74 | 23.33 | 18.23 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 36RB#0 | 22.12 | 17.02 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 36RB#18 | 22.00 | 16.90 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 36RB#39 | 22.09 | 16.99 | 38.45 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | 22.11 | 17.01 | 38.45 | PASS |

Note:

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

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

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

b: SGP=Signal Generator Level

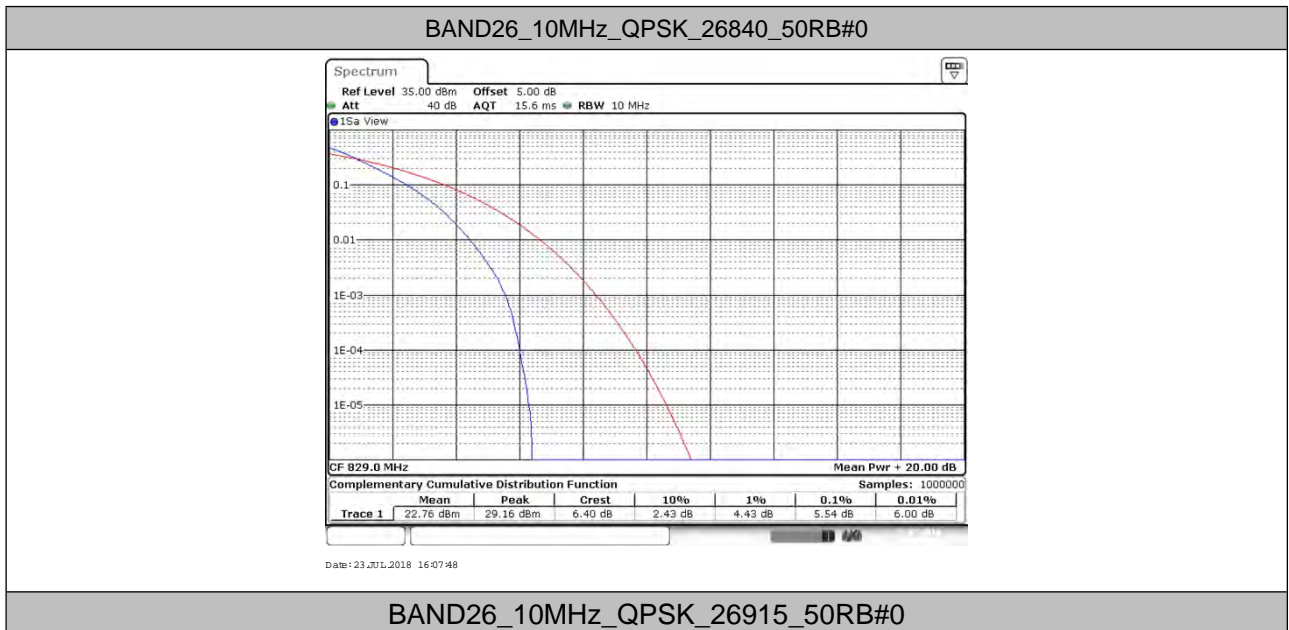


2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

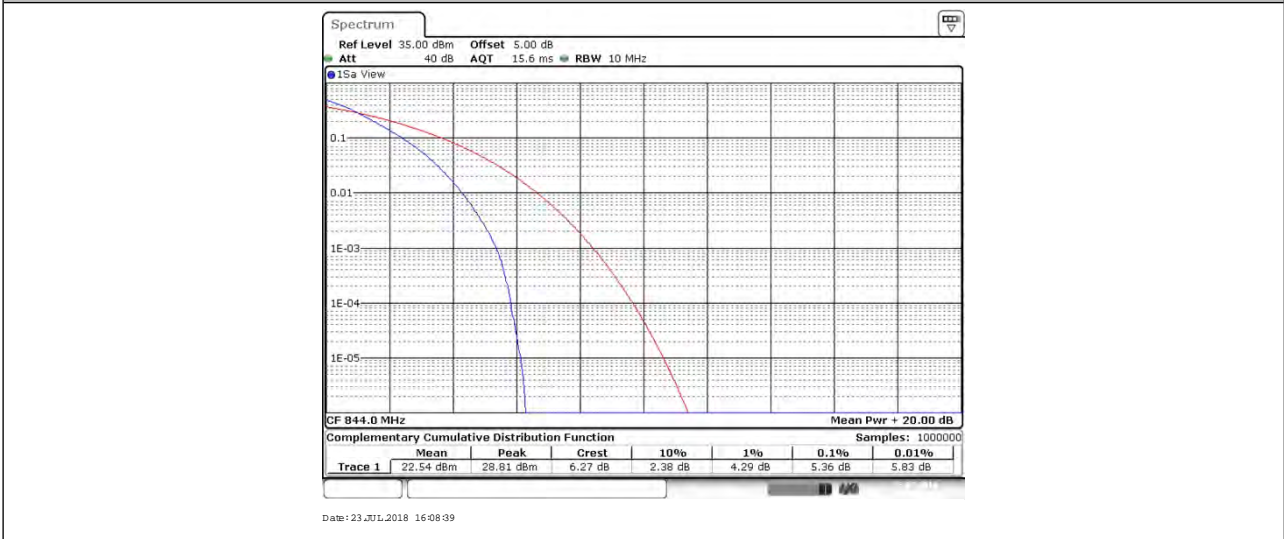
| BAND | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| BAND26 | 10MHz | QPSK | 26840 | 50RB#0 | 5.54 | 13 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 50RB#0 | 5.36 | 13 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 50RB#0 | 5.36 | 13 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 50RB#0 | 6.17 | 13 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 50RB#0 | 6.23 | 13 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 50RB#0 | 6.26 | 13 | PASS |
| BAND26 | 10MHz | 16QAM | 26840 | 50RB#0 | 6.14 | 13 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 50RB#0 | 5.97 | 13 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 50RB#0 | 6.03 | 13 | PASS |

2.2. Test Plots

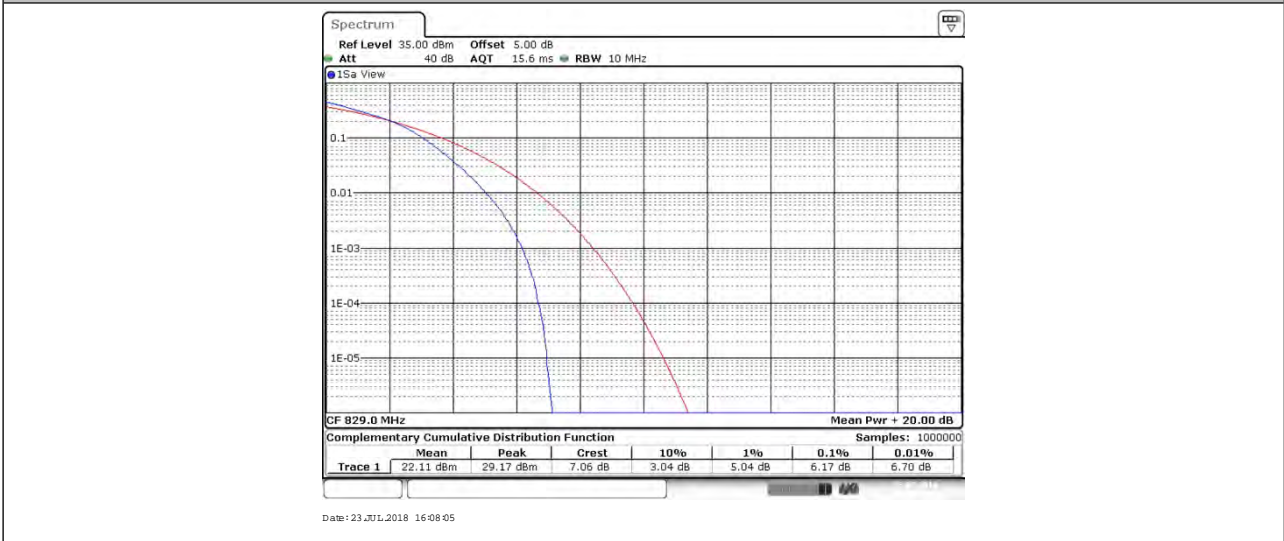




BAND26_10MHz_QPSK_26990_50RB#0



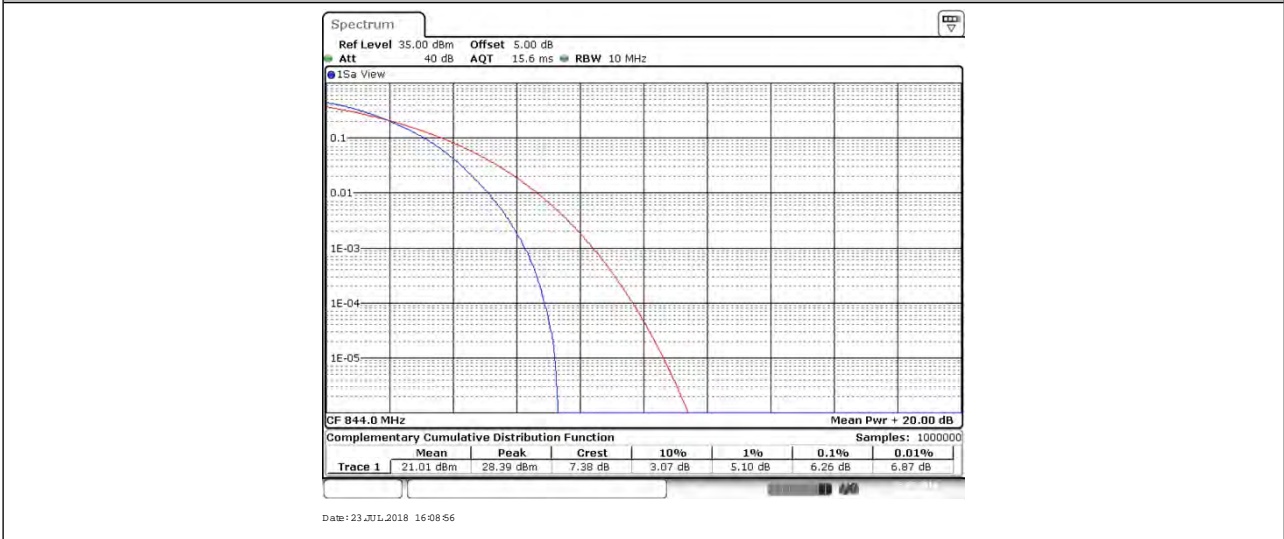
BAND26_10MHz_64QAM_26840_50RB#0



BAND26_10MHz_64QAM_26915_50RB#0



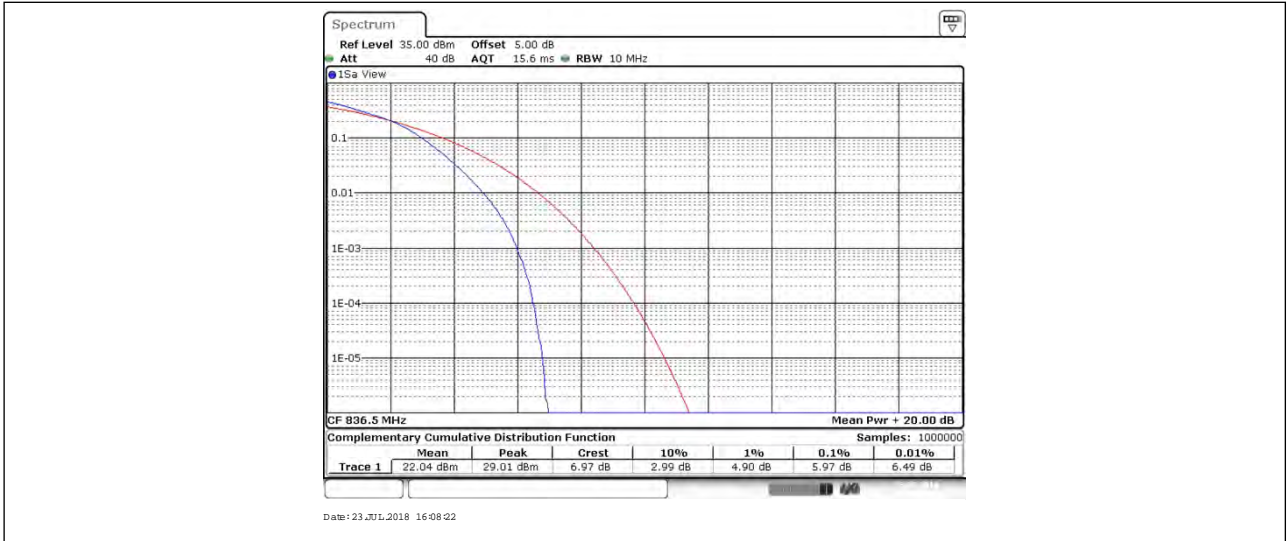
BAND26_10MHz_64QAM_26990_50RB#0



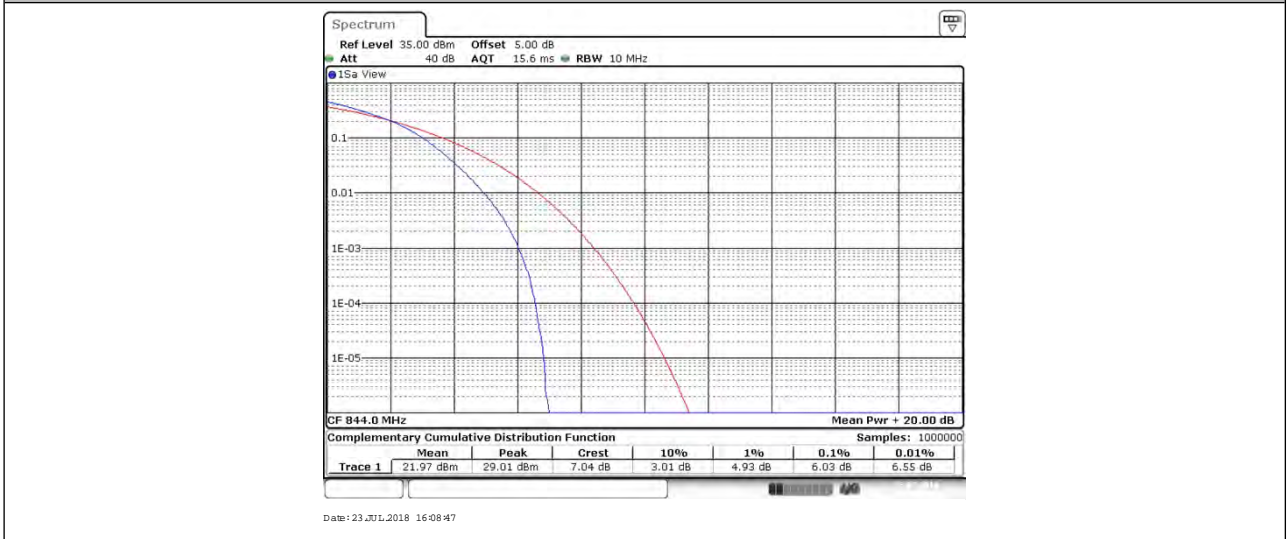
BAND26_10MHz_16QAM_26840_50RB#0



BAND26_10MHz_16QAM_26915_50RB#0



BAND26_10MHz_16QAM_26990_50RB#0

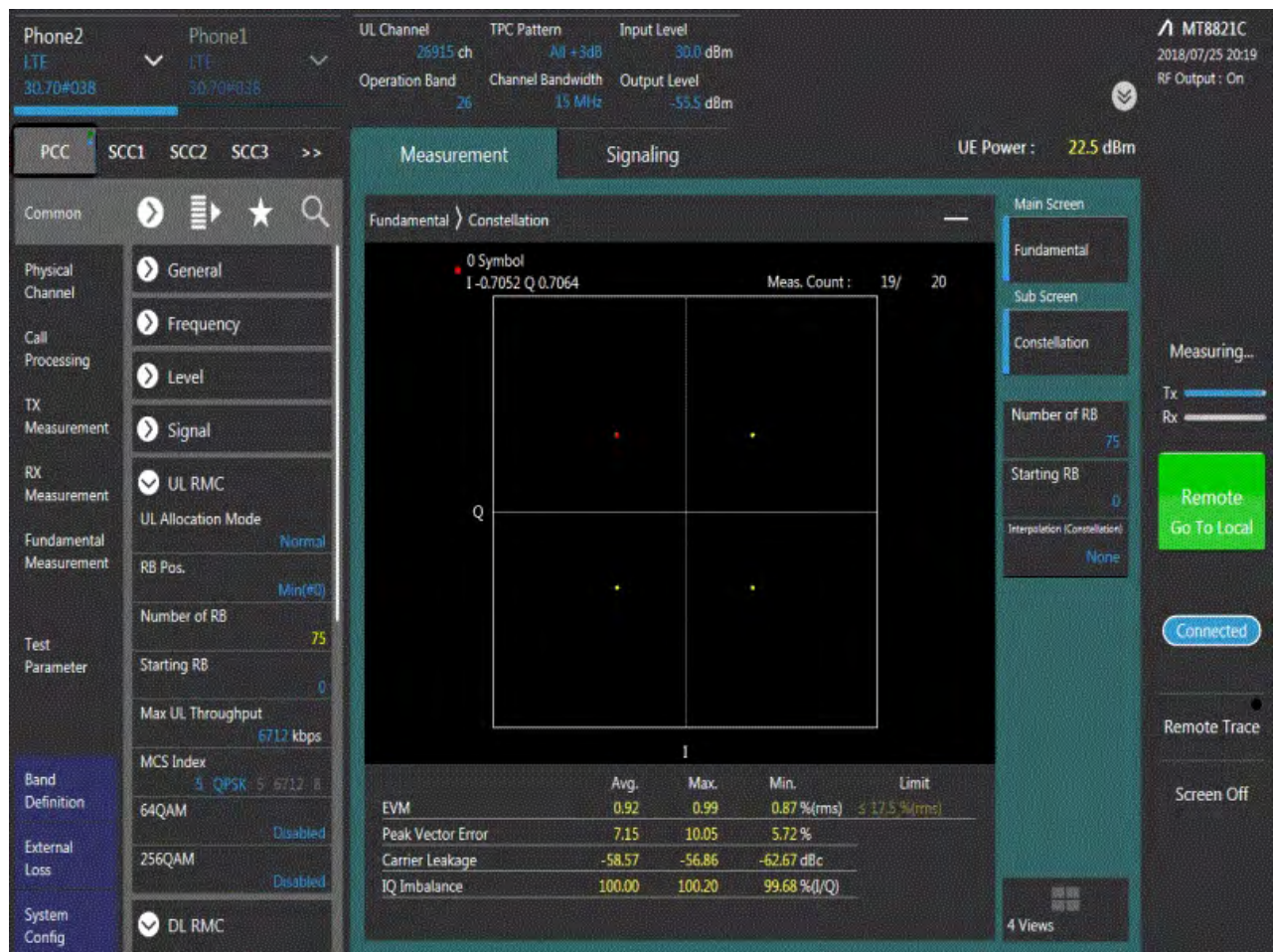


3. Modulation Characteristics

3.1. Test BAND = LTE BAND 26

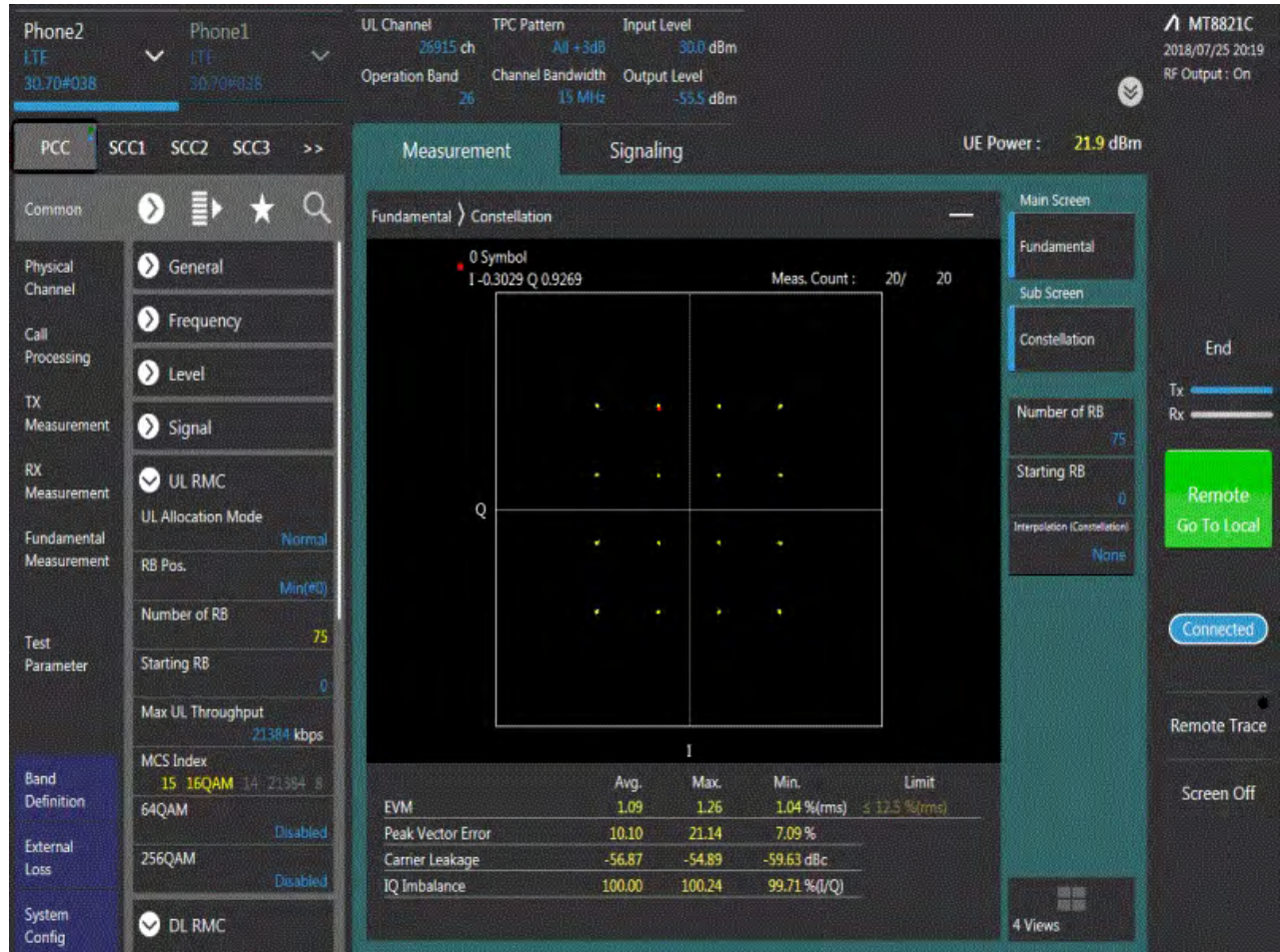
3.1.1. Test Mode = LTE /TM1 15MHZ

3.1.1.1. Test Channel = MCH



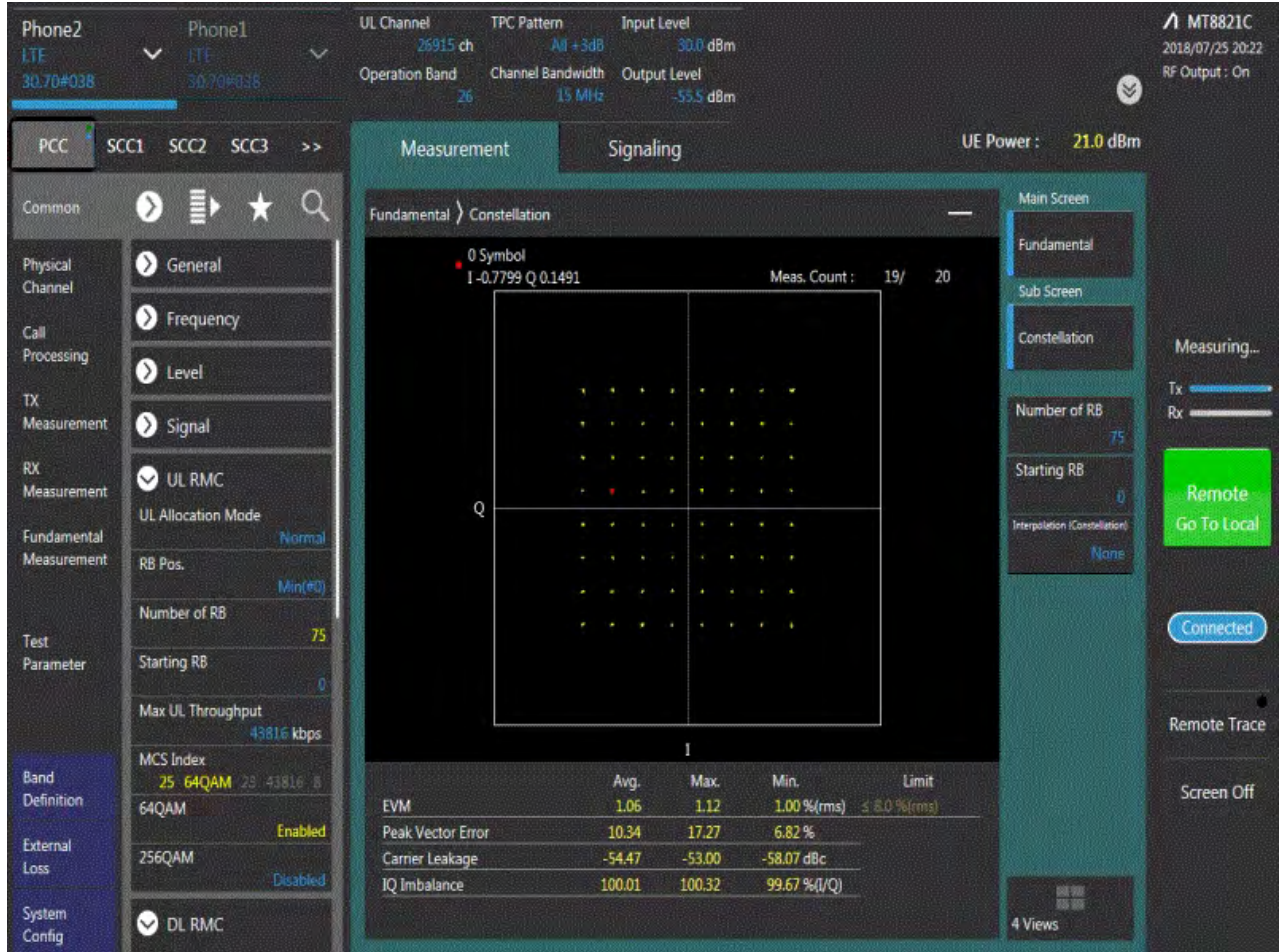
3.1.2. Test Mode = LTE /TM2 15MHz

3.1.2.1. Test Channel = MCH



3.1.3. Test Mode = LTE /TM3 15MHz

3.1.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

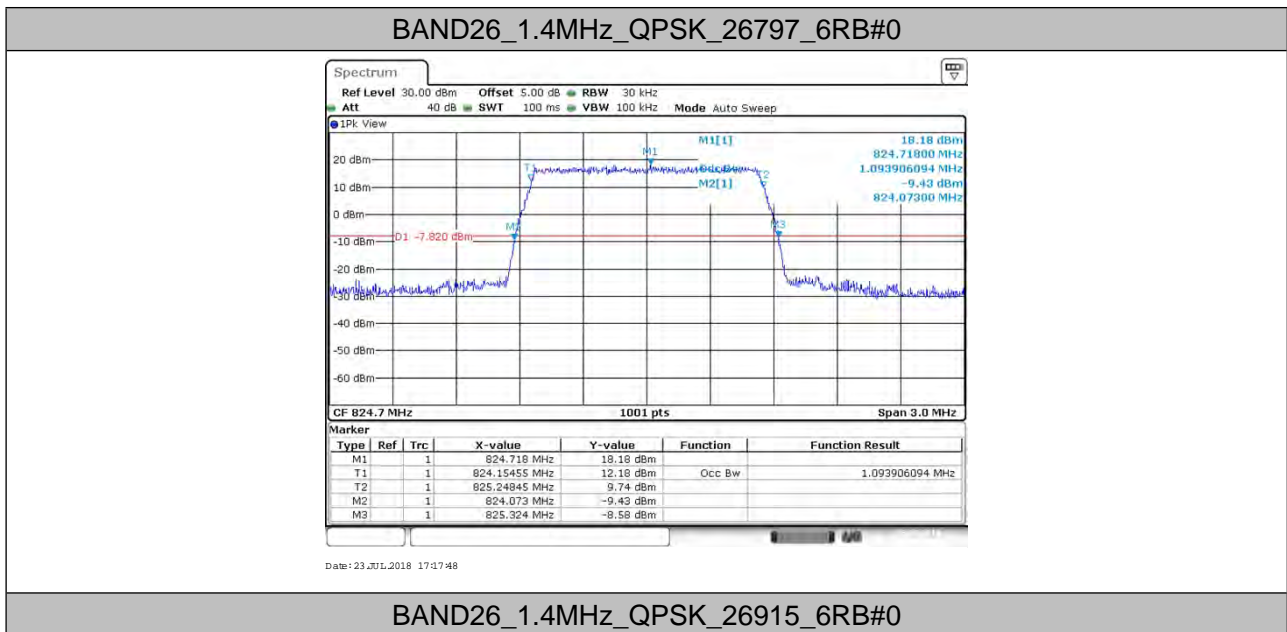
4.1. Test Result

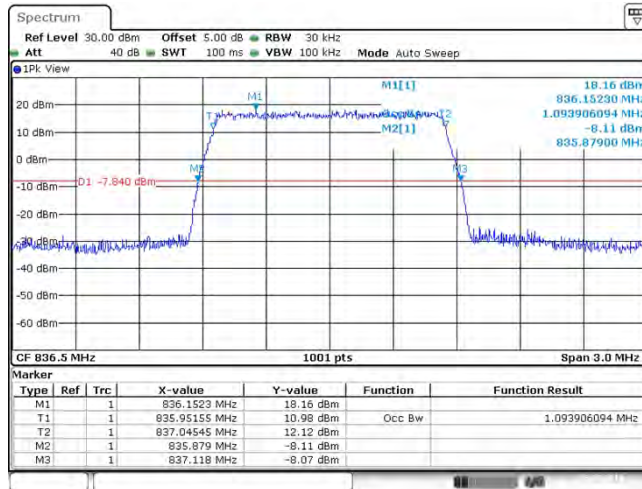
| BAND | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| BAND26 | 1.4MHz | QPSK | 26797 | 6RB#0 | 1.094 | 1.251 | PASS |
| BAND26 | 1.4MHz | QPSK | 26915 | 6RB#0 | 1.094 | 1.239 | PASS |
| BAND26 | 1.4MHz | QPSK | 27033 | 6RB#0 | 1.097 | 1.245 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26797 | 6RB#0 | 1.094 | 1.239 | PASS |
| BAND26 | 1.4MHz | 64QAM | 26915 | 6RB#0 | 1.094 | 1.242 | PASS |
| BAND26 | 1.4MHz | 64QAM | 27033 | 6RB#0 | 1.094 | 1.239 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26797 | 6RB#0 | 1.097 | 1.245 | PASS |
| BAND26 | 1.4MHz | 16QAM | 26915 | 6RB#0 | 1.097 | 1.245 | PASS |
| BAND26 | 1.4MHz | 16QAM | 27033 | 6RB#0 | 1.097 | 1.242 | PASS |
| BAND26 | 3MHz | QPSK | 26805 | 15RB#0 | 2.691 | 2.934 | PASS |
| BAND26 | 3MHz | QPSK | 26915 | 15RB#0 | 2.691 | 2.976 | PASS |
| BAND26 | 3MHz | QPSK | 27025 | 15RB#0 | 2.691 | 2.964 | PASS |
| BAND26 | 3MHz | 64QAM | 26805 | 15RB#0 | 2.691 | 2.970 | PASS |
| BAND26 | 3MHz | 64QAM | 26915 | 15RB#0 | 2.697 | 3.000 | PASS |
| BAND26 | 3MHz | 64QAM | 27025 | 15RB#0 | 2.691 | 2.988 | PASS |
| BAND26 | 3MHz | 16QAM | 26805 | 15RB#0 | 2.691 | 2.964 | PASS |
| BAND26 | 3MHz | 16QAM | 26915 | 15RB#0 | 2.697 | 2.976 | PASS |
| BAND26 | 3MHz | 16QAM | 27025 | 15RB#0 | 2.697 | 2.976 | PASS |
| BAND26 | 5MHz | QPSK | 26815 | 25RB#0 | 4.476 | 4.920 | PASS |
| BAND26 | 5MHz | QPSK | 26915 | 25RB#0 | 4.486 | 4.910 | PASS |
| BAND26 | 5MHz | QPSK | 27015 | 25RB#0 | 4.476 | 4.910 | PASS |
| BAND26 | 5MHz | 64QAM | 26815 | 25RB#0 | 4.476 | 4.900 | PASS |
| BAND26 | 5MHz | 64QAM | 26915 | 25RB#0 | 4.476 | 4.890 | PASS |
| BAND26 | 5MHz | 64QAM | 27015 | 25RB#0 | 4.476 | 4.910 | PASS |
| BAND26 | 5MHz | 16QAM | 26815 | 25RB#0 | 4.476 | 4.910 | PASS |
| BAND26 | 5MHz | 16QAM | 26915 | 25RB#0 | 4.476 | 4.890 | PASS |
| BAND26 | 5MHz | 16QAM | 27015 | 25RB#0 | 4.466 | 4.930 | PASS |
| BAND26 | 10MHz | QPSK | 26840 | 50RB#0 | 8.951 | 9.800 | PASS |
| BAND26 | 10MHz | QPSK | 26915 | 50RB#0 | 8.931 | 9.780 | PASS |
| BAND26 | 10MHz | QPSK | 26990 | 50RB#0 | 8.931 | 9.780 | PASS |
| BAND26 | 10MHz | 64QAM | 26840 | 50RB#0 | 8.951 | 9.840 | PASS |
| BAND26 | 10MHz | 64QAM | 26915 | 50RB#0 | 8.931 | 9.720 | PASS |
| BAND26 | 10MHz | 64QAM | 26990 | 50RB#0 | 8.931 | 9.680 | PASS |



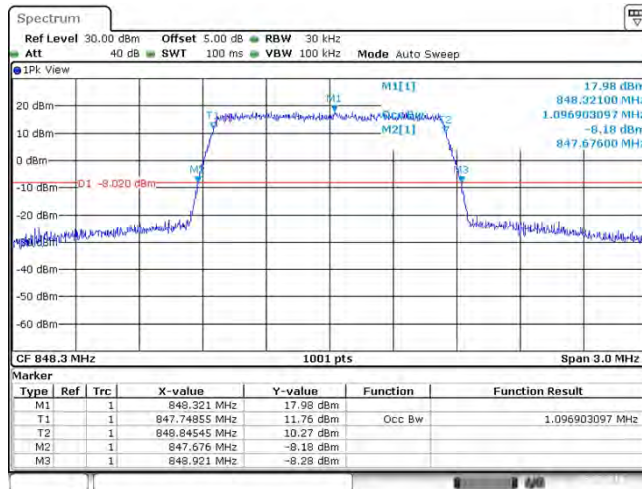
| | | | | | | | |
|--------|-------|-------|-------|--------|--------|--------|------|
| BAND26 | 10MHz | 16QAM | 26840 | 50RB#0 | 8.951 | 9.780 | PASS |
| BAND26 | 10MHz | 16QAM | 26915 | 50RB#0 | 8.911 | 9.760 | PASS |
| BAND26 | 10MHz | 16QAM | 26990 | 50RB#0 | 8.951 | 9.760 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | 13.516 | 15.060 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | 13.516 | 15.090 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | 13.487 | 15.060 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | 13.516 | 15.030 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | 13.457 | 15.090 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | 13.487 | 15.000 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | 13.487 | 15.030 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | 13.457 | 15.060 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | 13.487 | 15.090 | PASS |

4.2. Test Plots

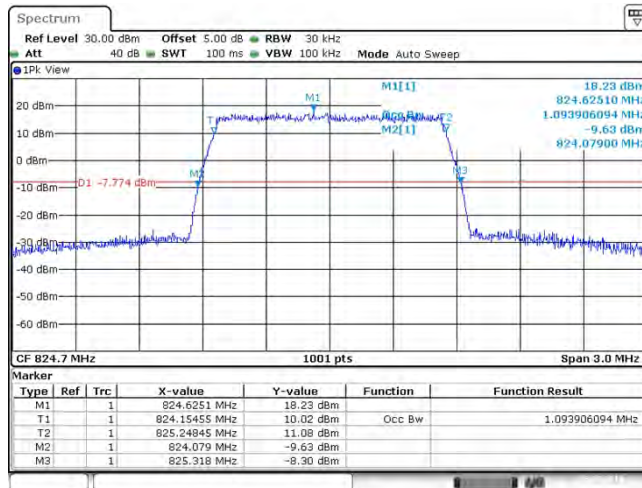




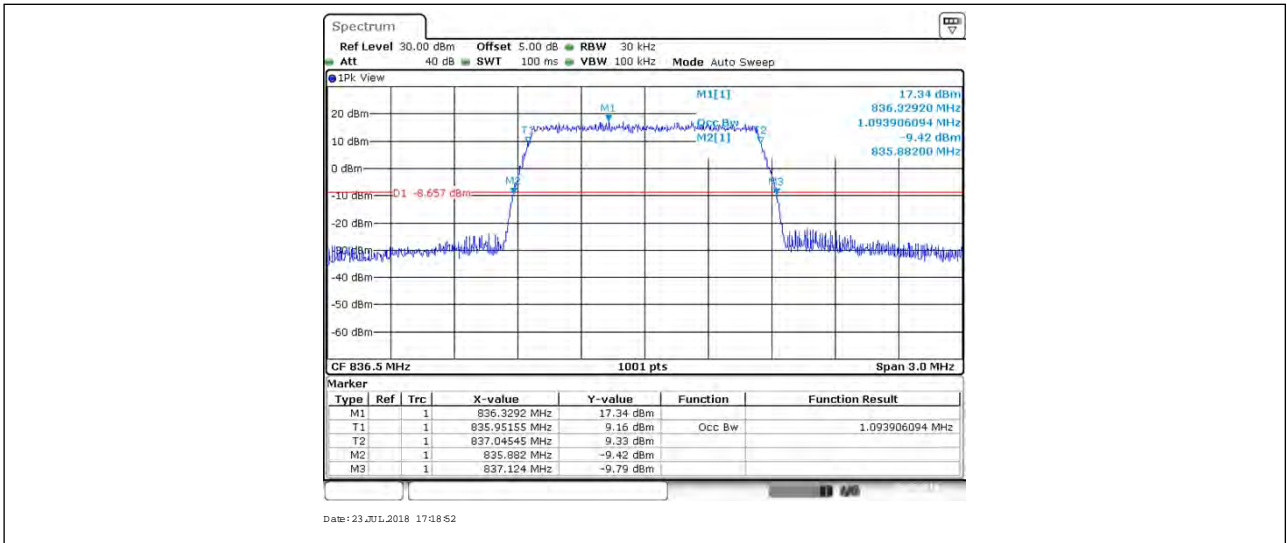
BAND26_1.4MHz_QPSK_27033_6RB#0



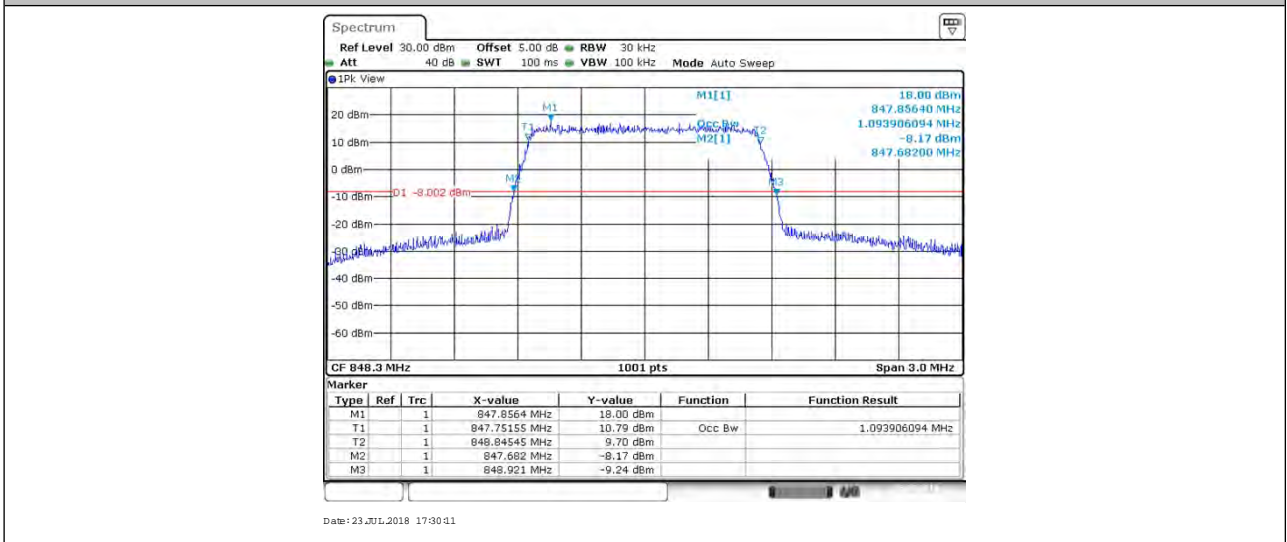
BAND26_1.4MHz_64QAM_26797_6RB#0



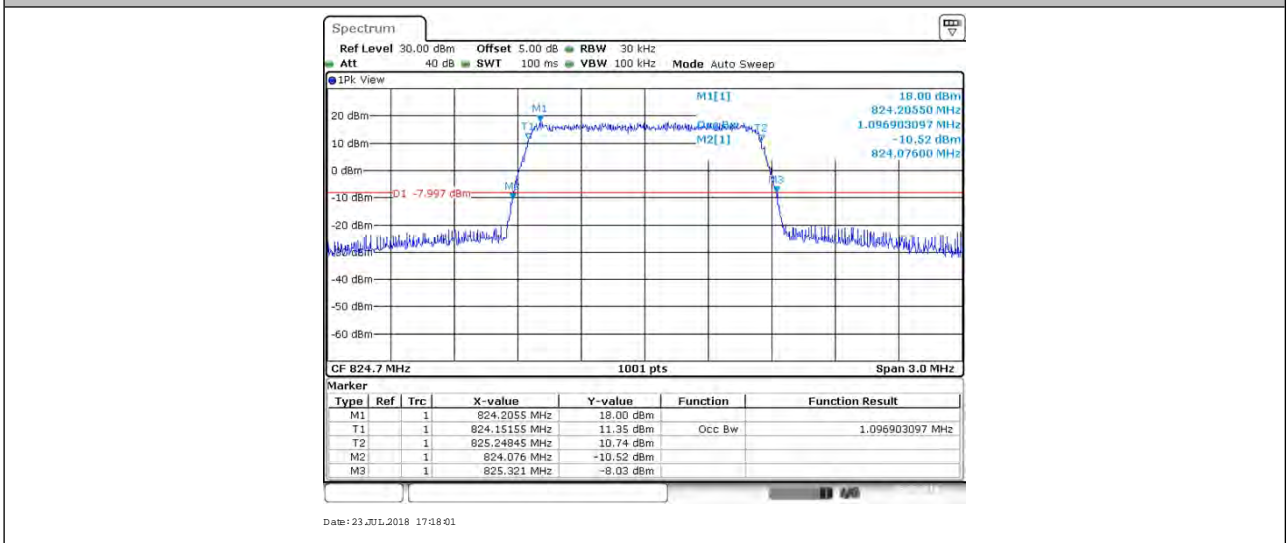
BAND26_1.4MHz_64QAM_26915_6RB#0



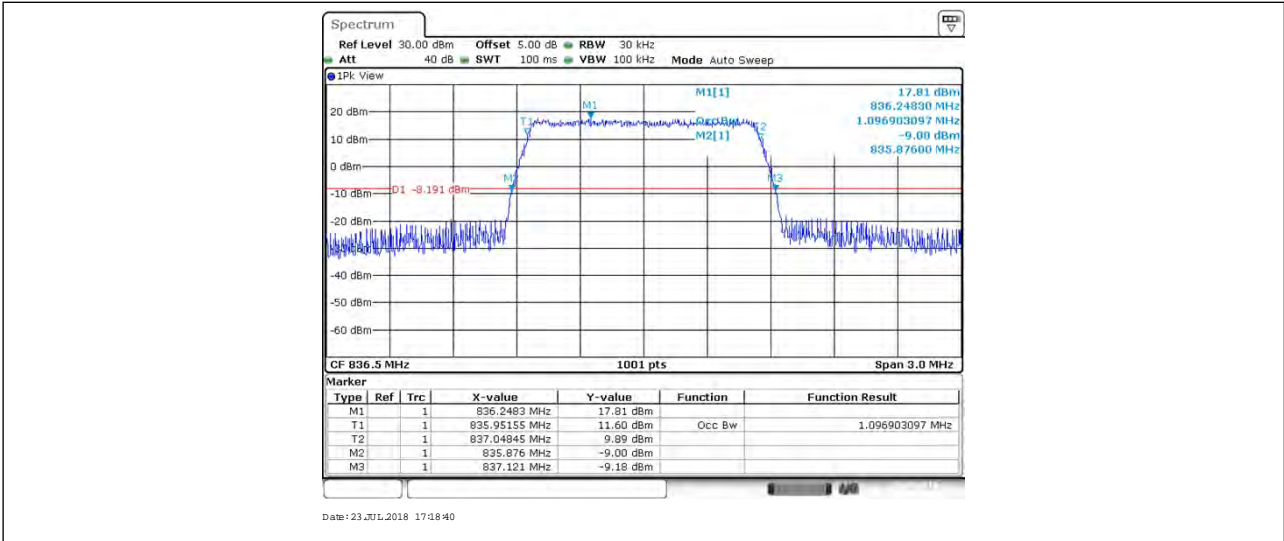
BAND26_1.4MHz_64QAM_27033_6RB#0



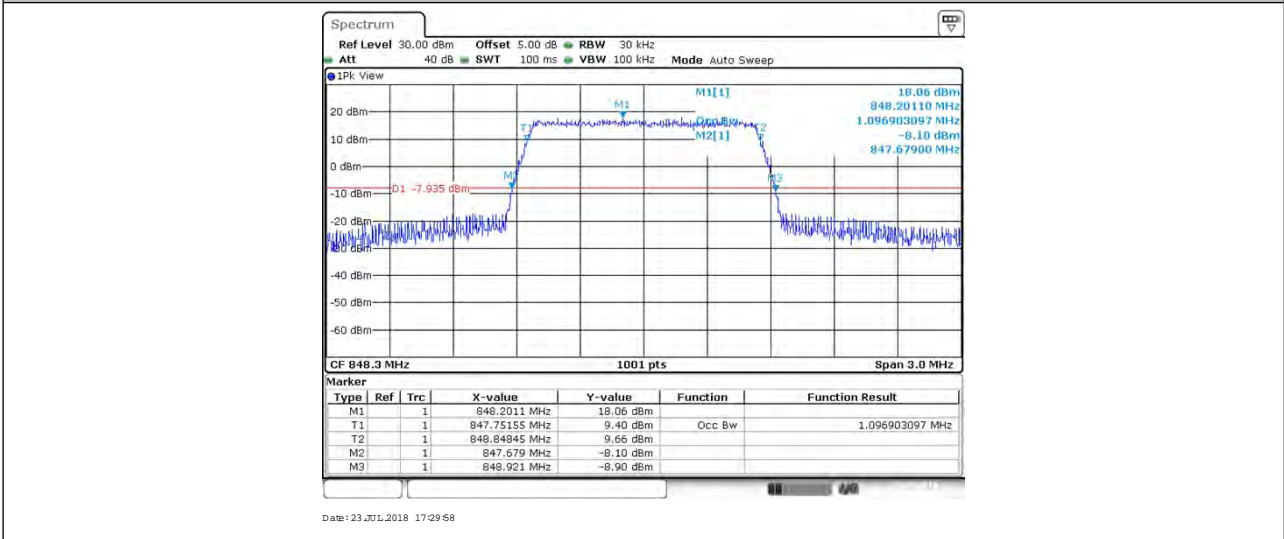
BAND26_1.4MHz_16QAM_26797_6RB#0



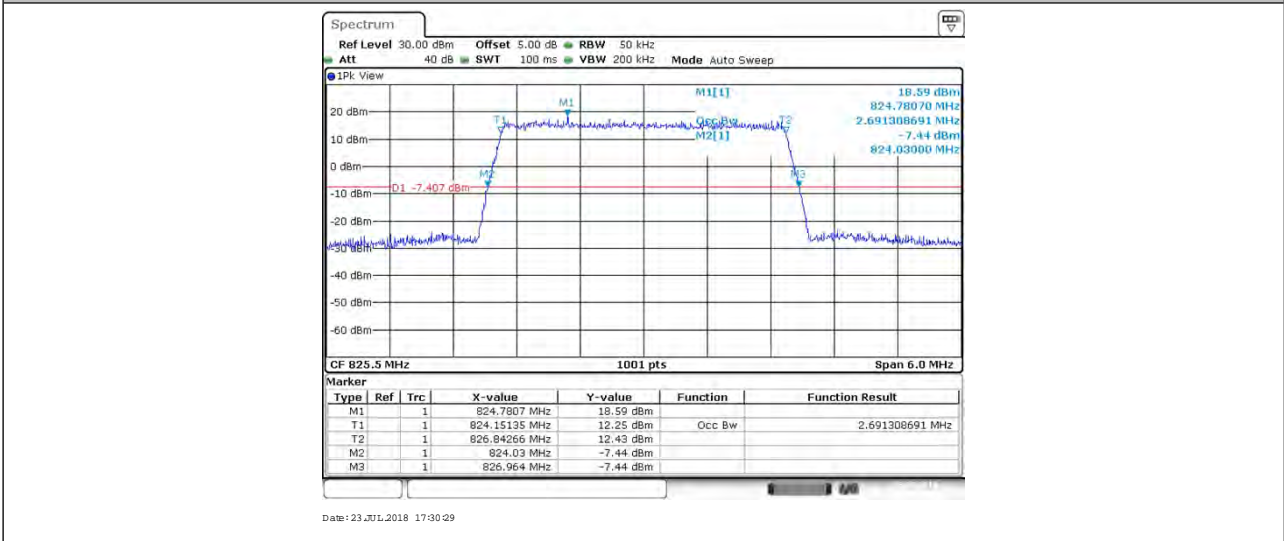
BAND26_1.4MHz_16QAM_26915_6RB#0



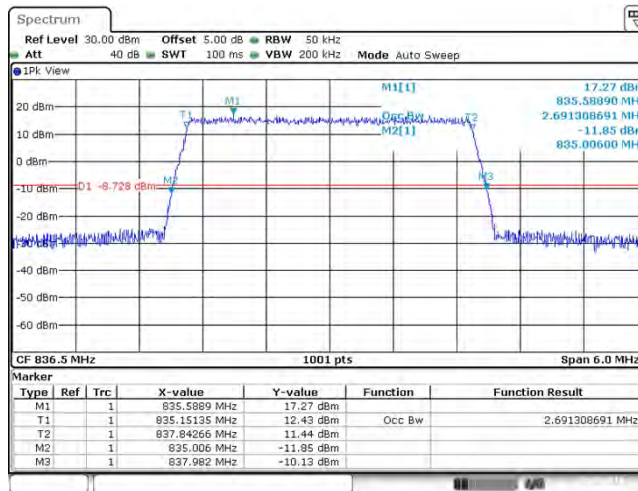
BAND26_1.4MHz_16QAM_27033_6RB#0



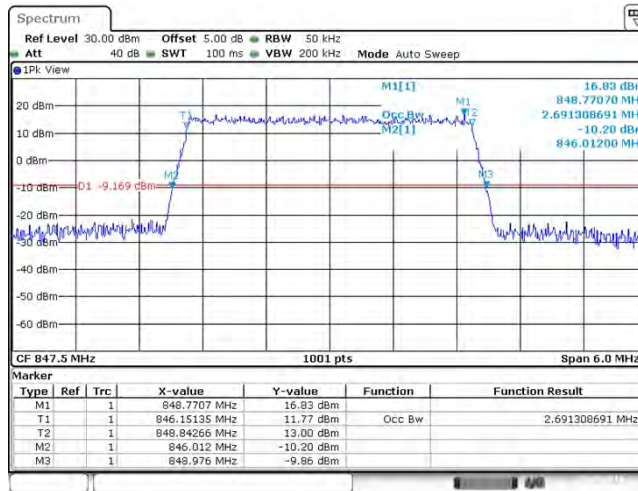
BAND26_3MHz_QPSK_26805_15RB#0



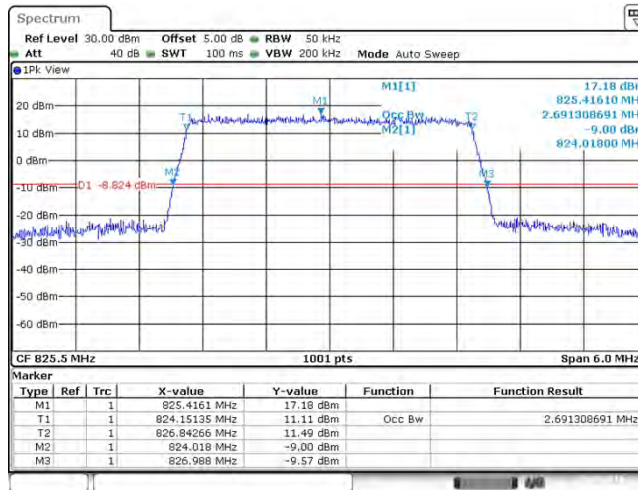
BAND26_3MHz_QPSK_26915_15RB#0



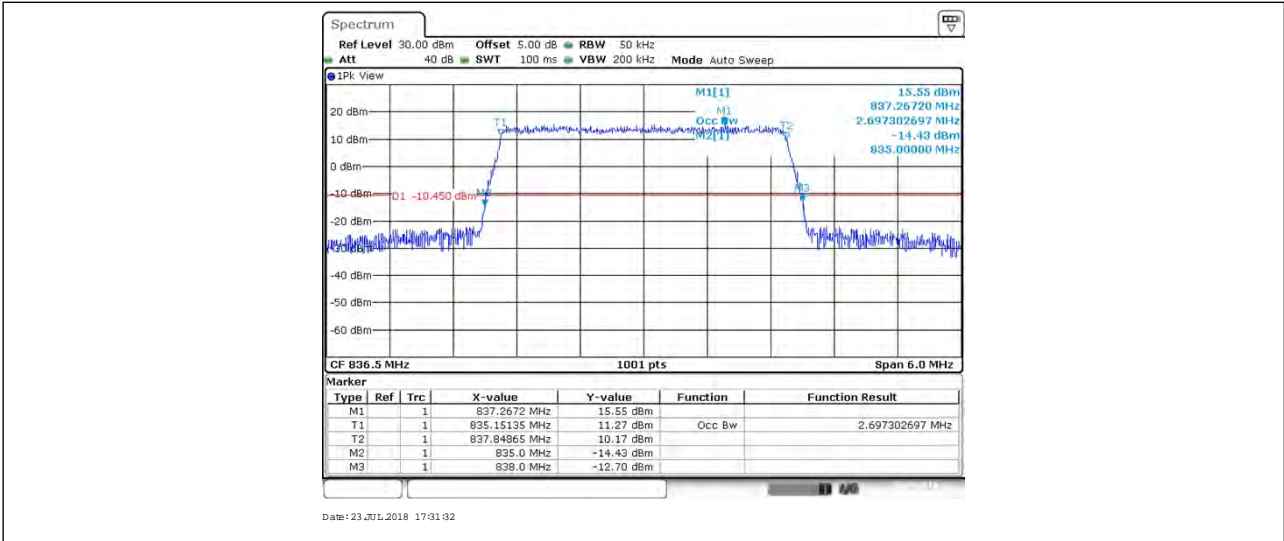
BAND26_3MHz_QPSK_27025_15RB#0



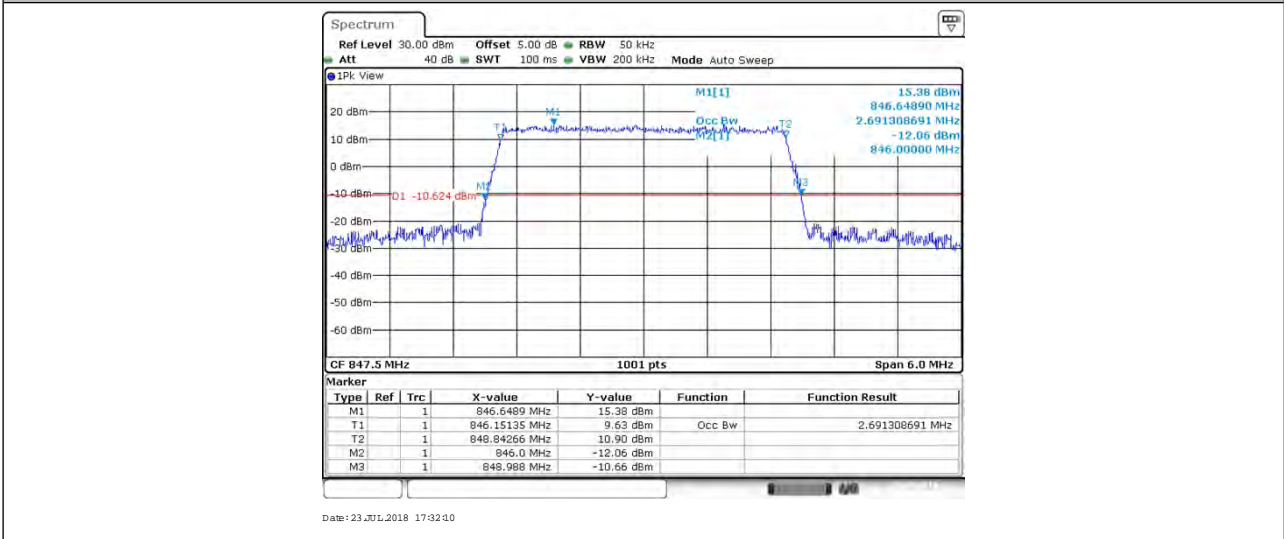
BAND26_3MHz_64QAM_26805_15RB#0



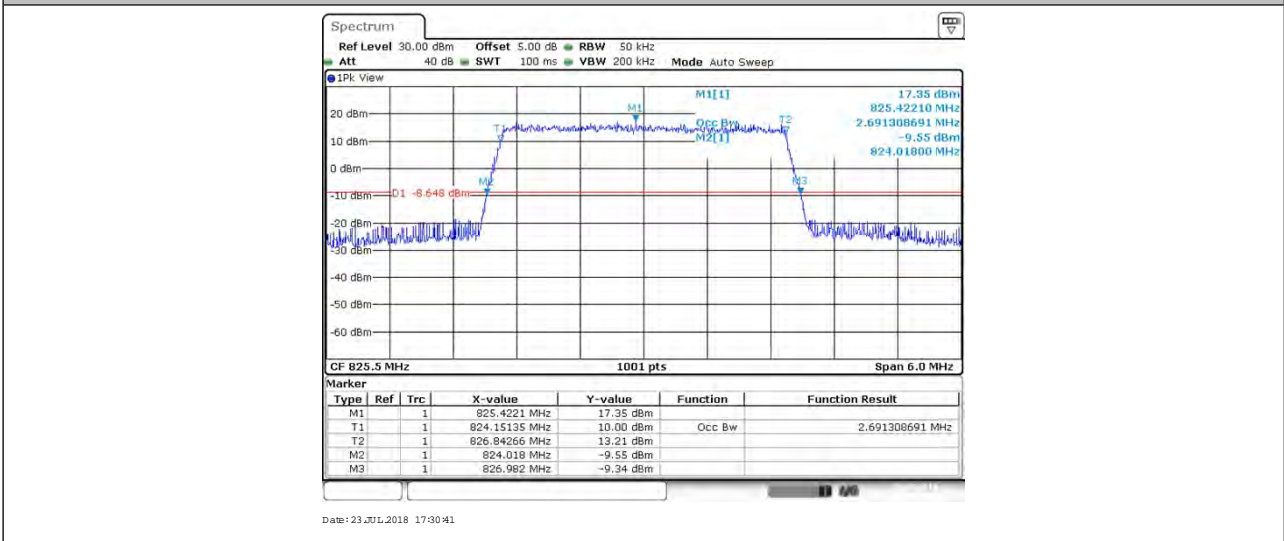
BAND26_3MHz_64QAM_26915_15RB#0



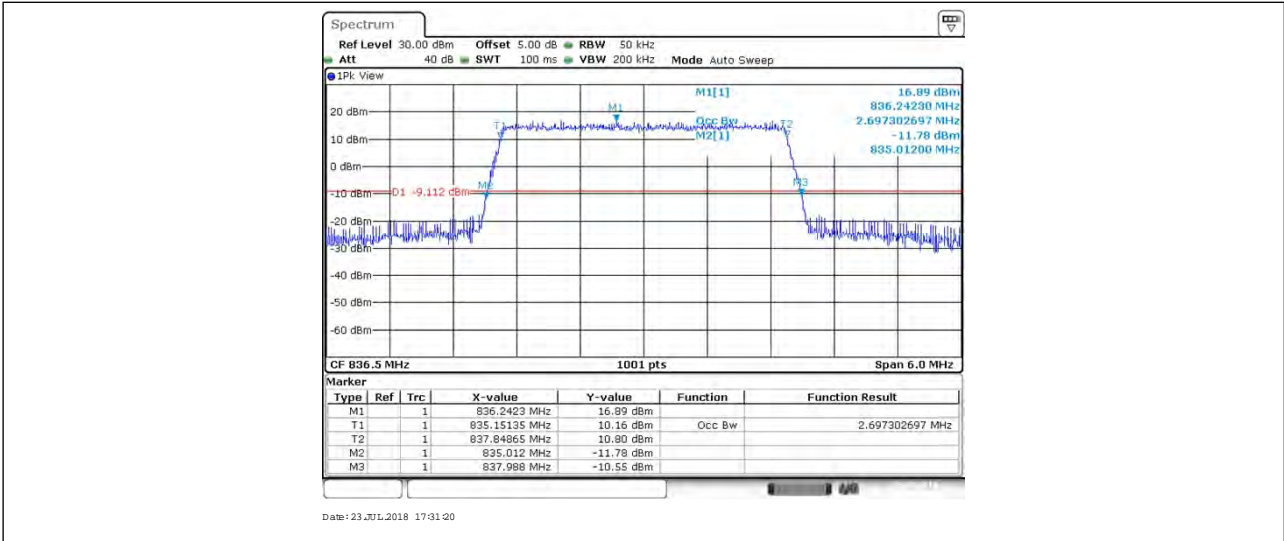
BAND26_3MHz_64QAM_27025_15RB#0



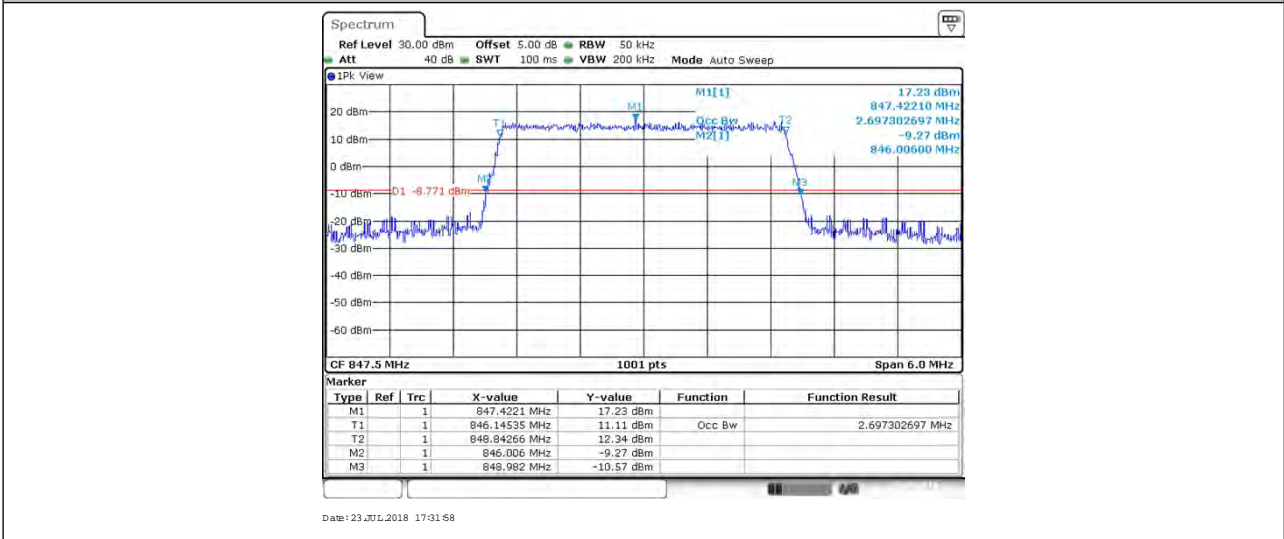
BAND26_3MHz_16QAM_26805_15RB#0



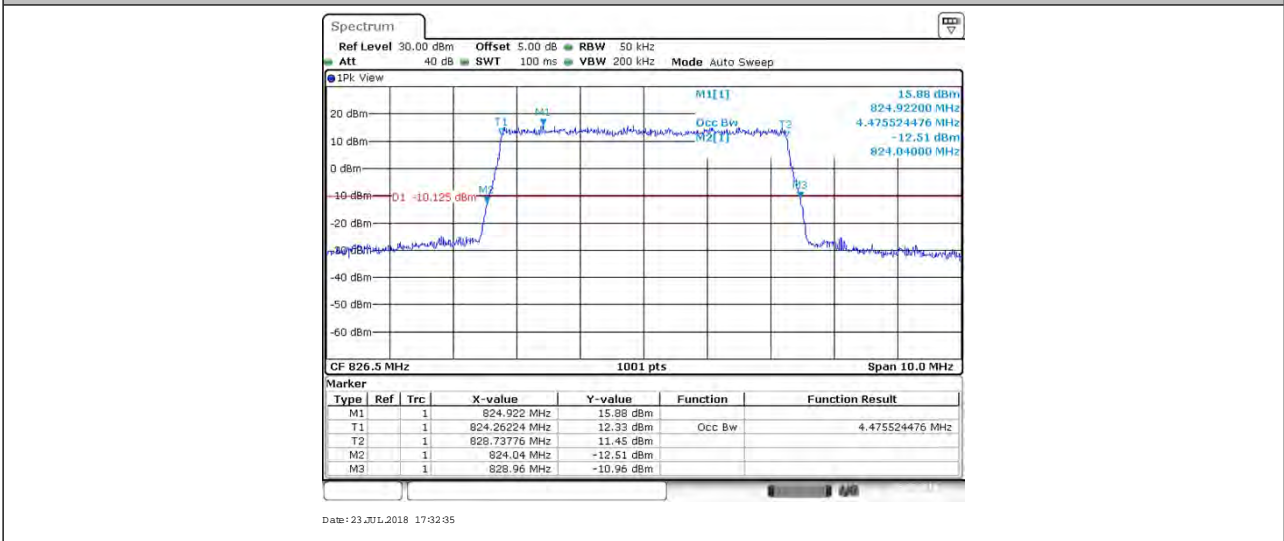
BAND26_3MHz_16QAM_26915_15RB#0



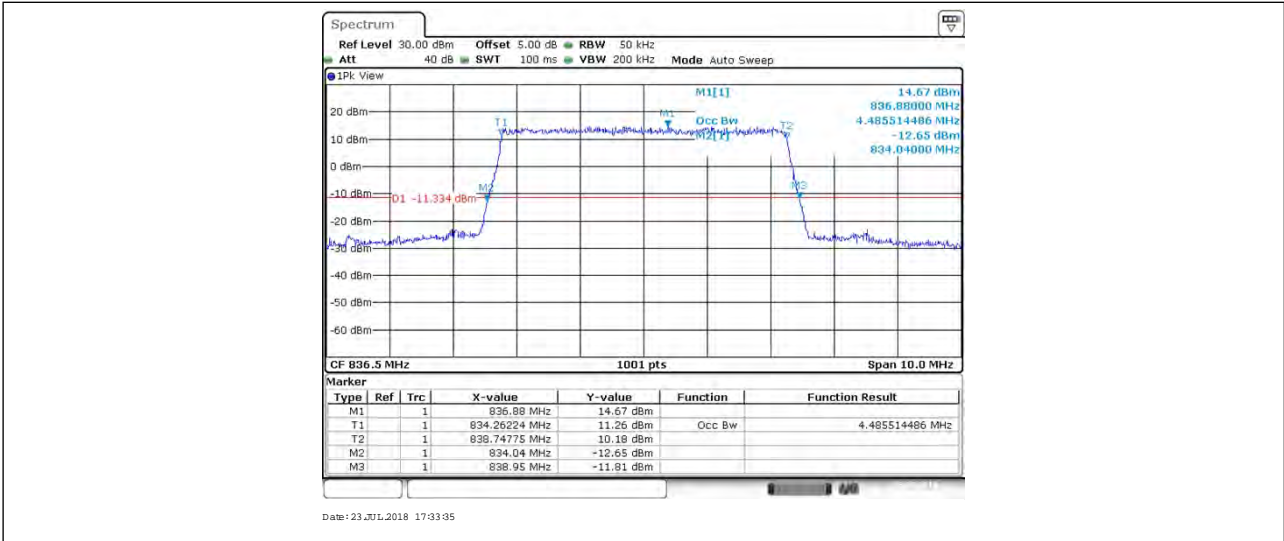
BAND26_3MHz_16QAM_27025_15RB#0



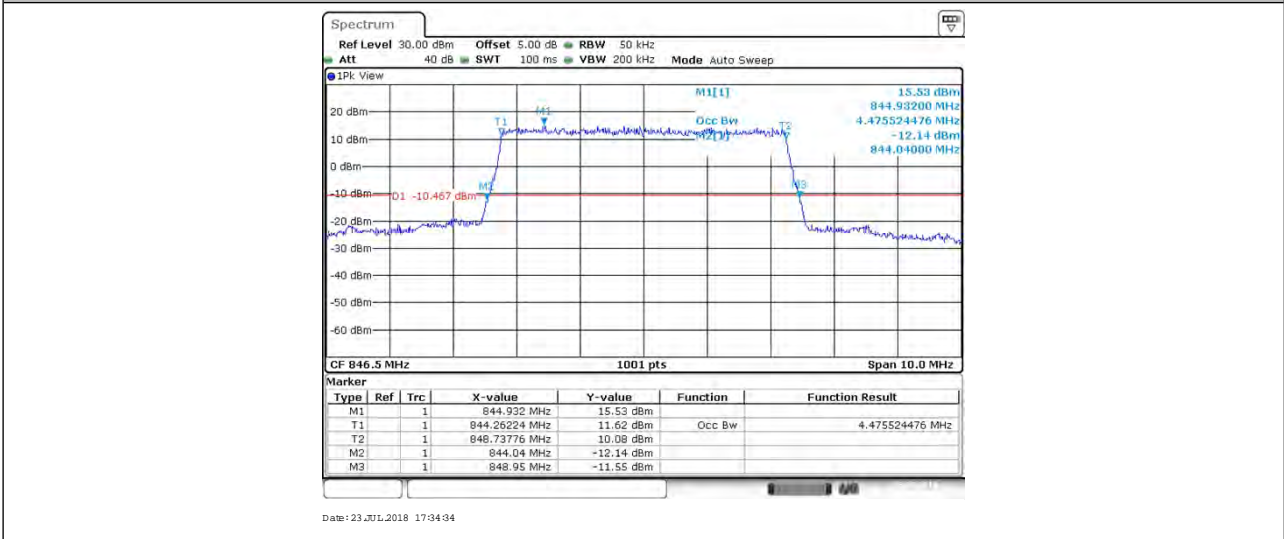
BAND26_5MHz_QPSK_26815_25RB#0



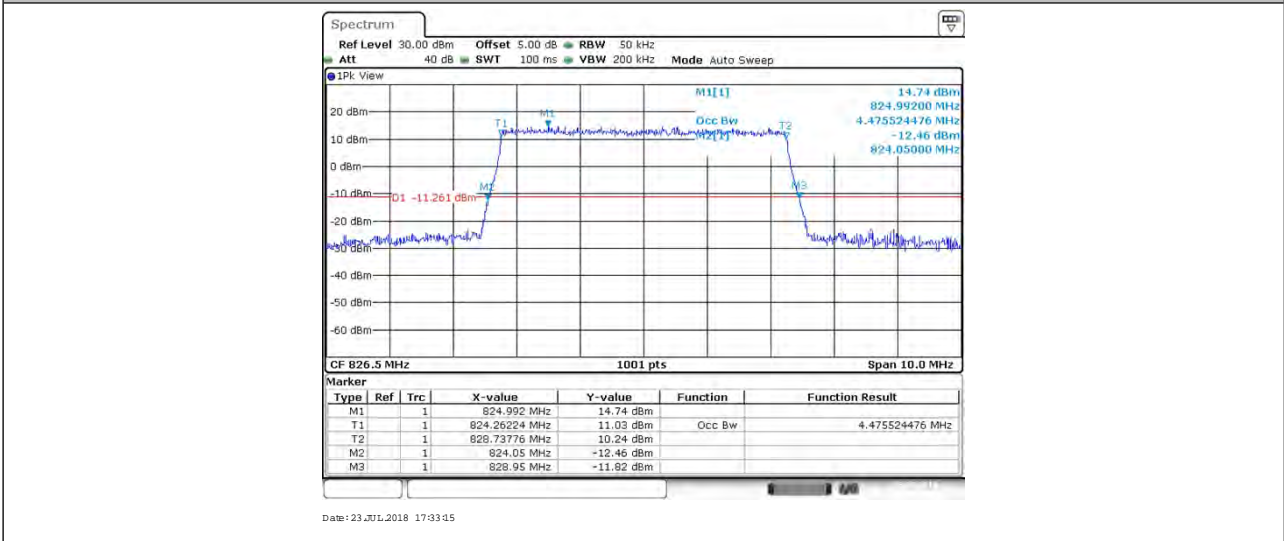
BAND26_5MHz_QPSK_26915_25RB#0



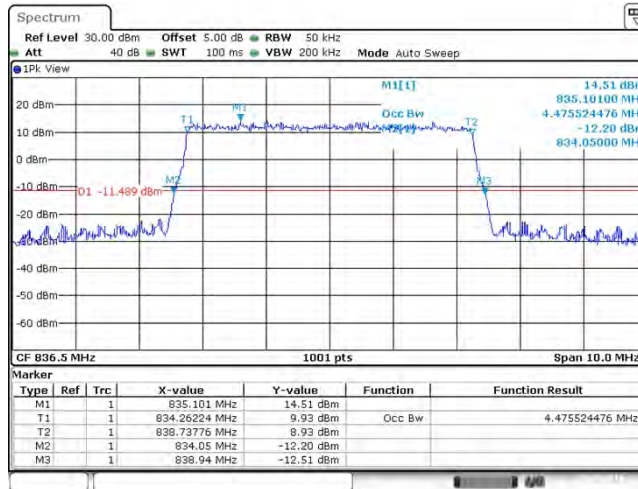
BAND26_5MHz_QPSK_27015_25RB#0



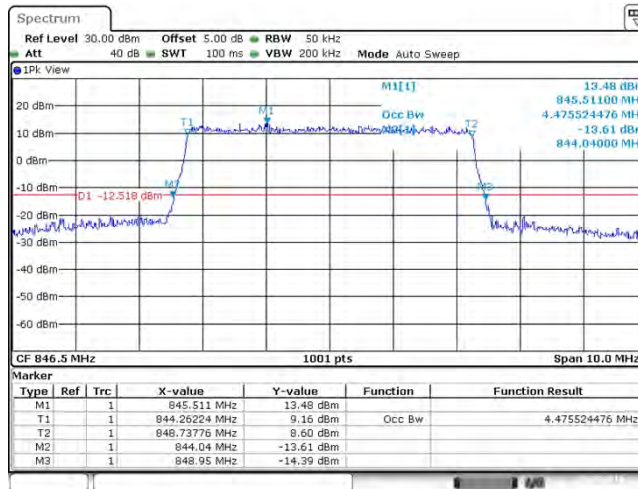
BAND26_5MHz_64QAM_26815_25RB#0



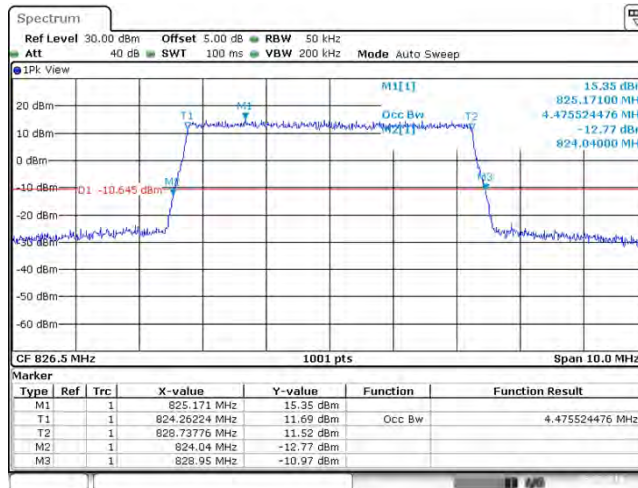
BAND26_5MHz_64QAM_26915_25RB#0



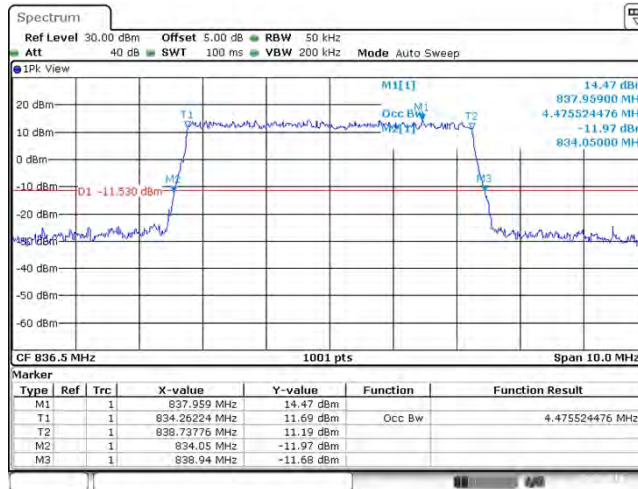
BAND26_5MHz_64QAM_27015_25RB#0



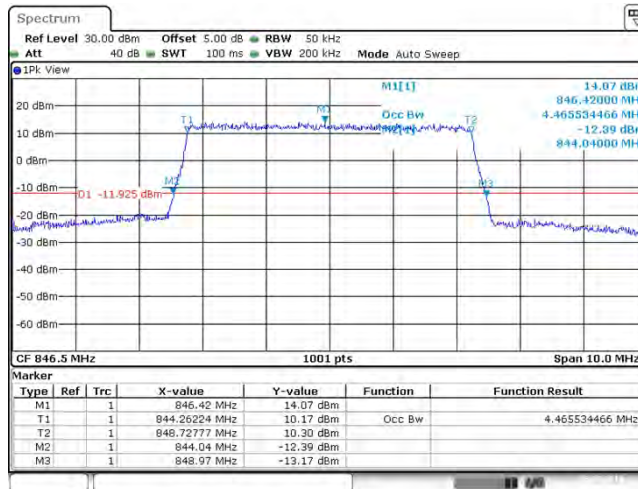
BAND26_5MHz_16QAM_26815_25RB#0



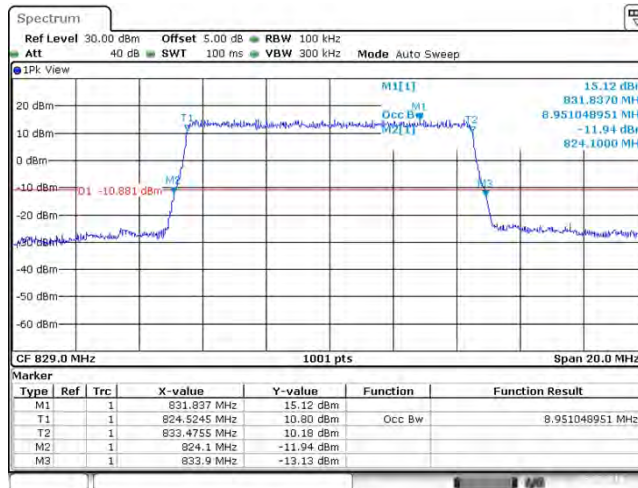
BAND26_5MHz_16QAM_26915_25RB#0



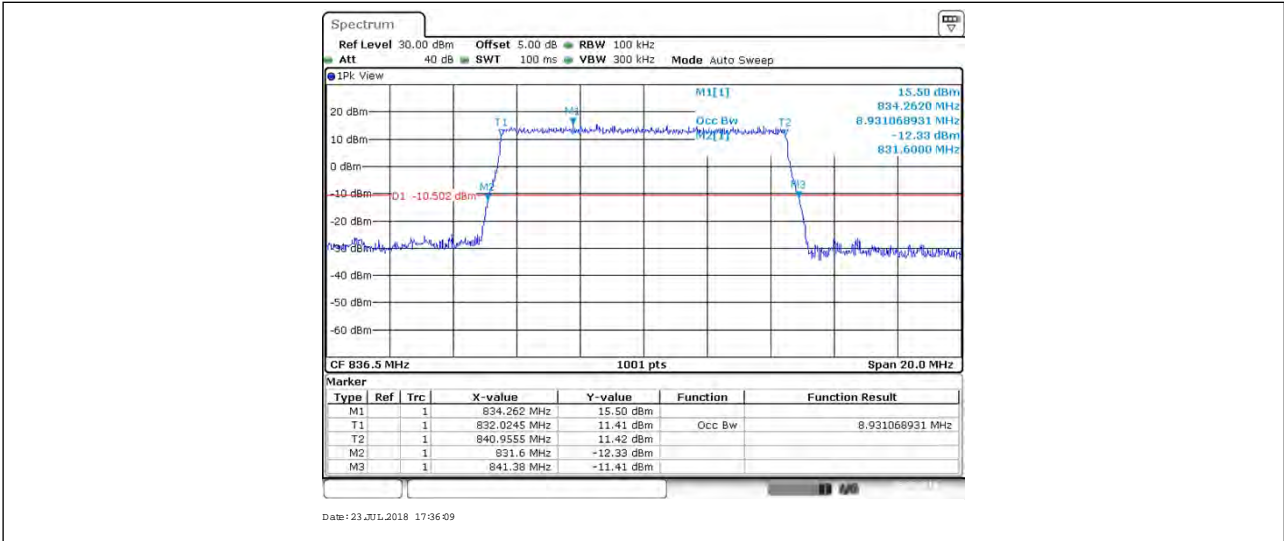
BAND26_5MHz_16QAM_27015_25RB#0



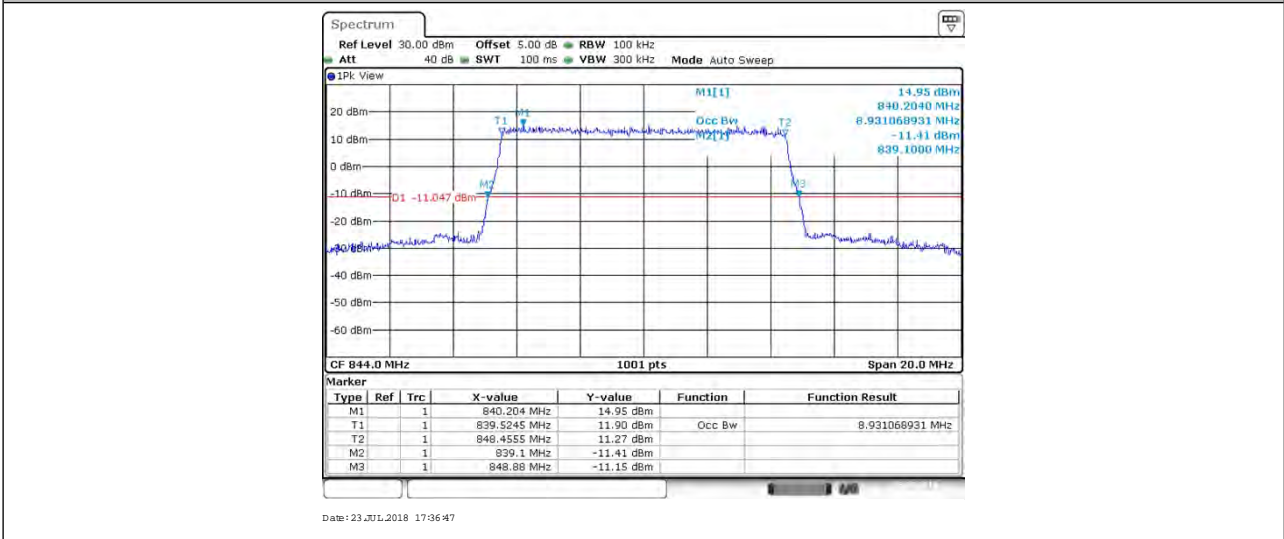
BAND26_10MHz_QPSK_26840_50RB#0



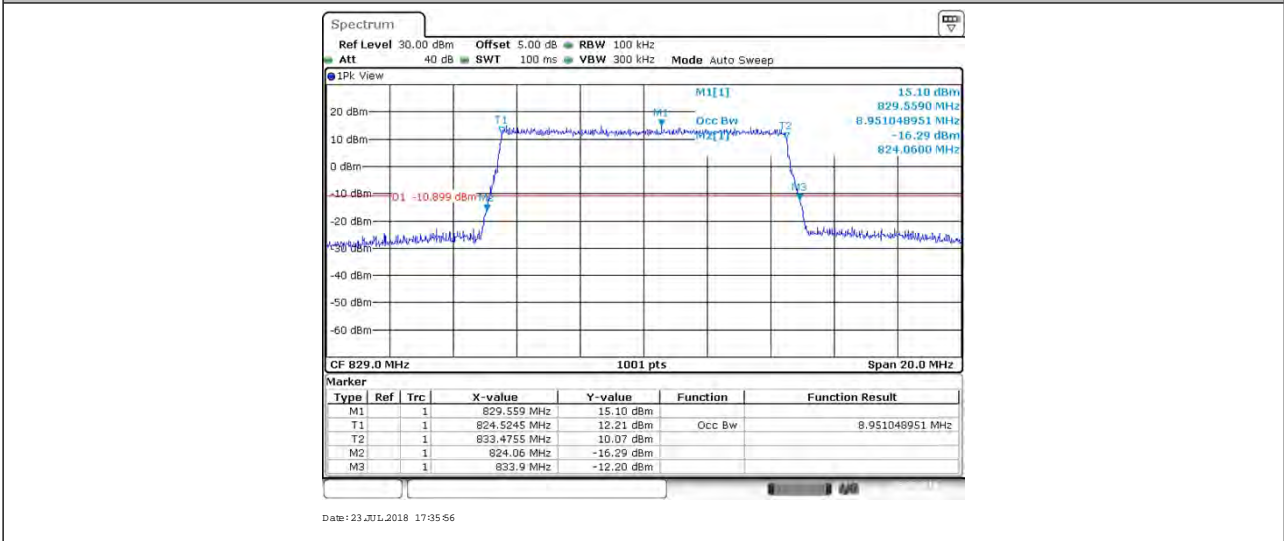
BAND26_10MHz_QPSK_26915_50RB#0



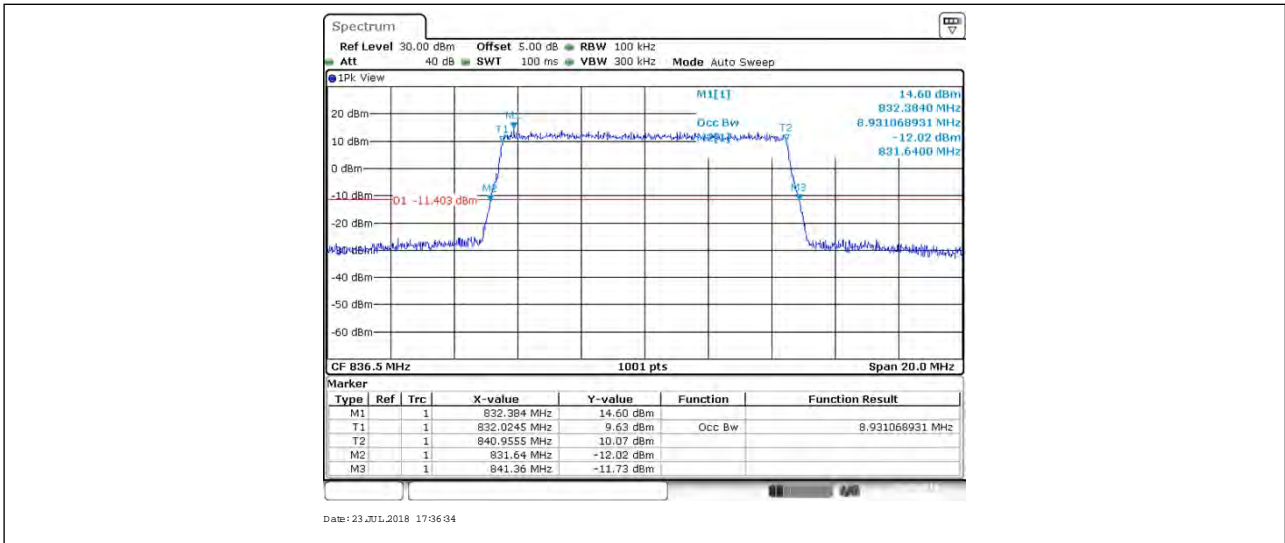
BAND26_10MHz_QPSK_26990_50RB#0



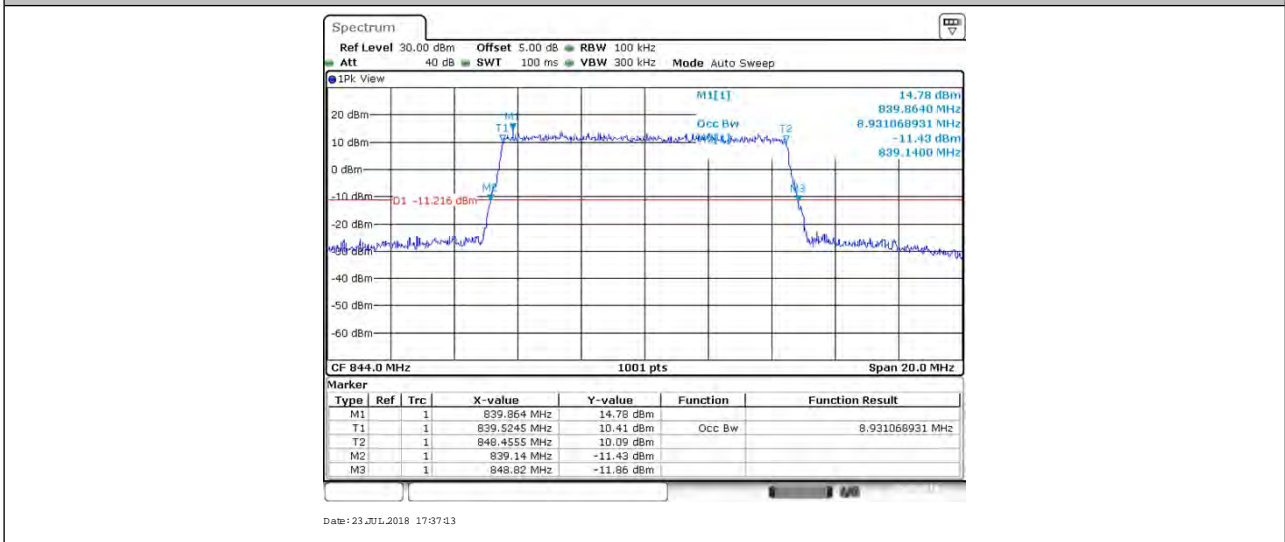
BAND26_10MHz_64QAM_26840_50RB#0



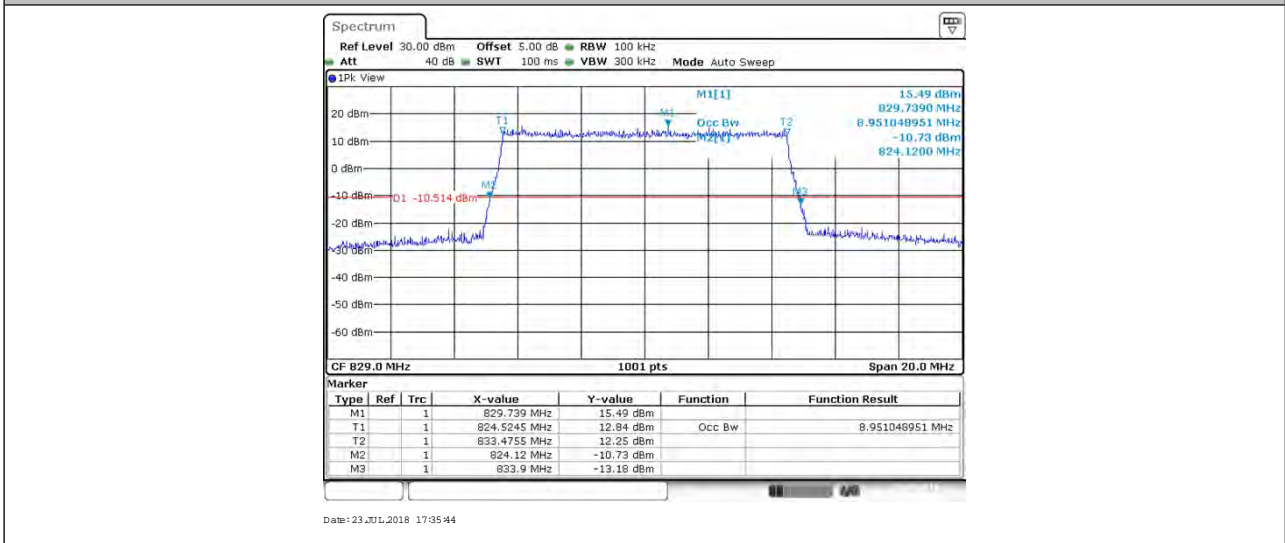
BAND26_10MHz_64QAM_26915_50RB#0



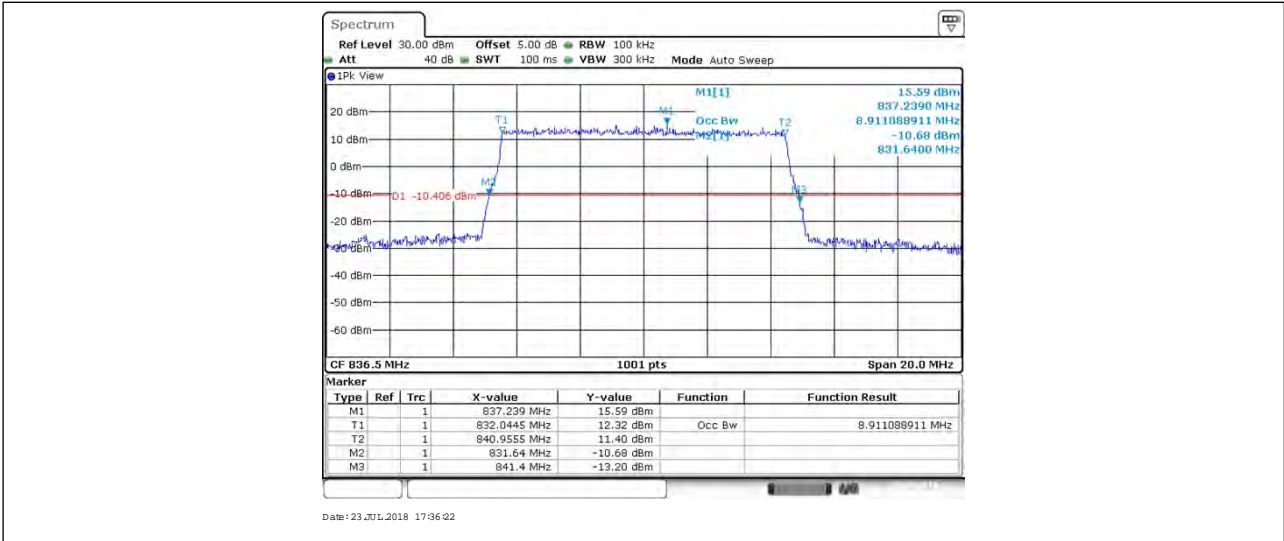
BAND26_10MHz_64QAM_26990_50RB#0



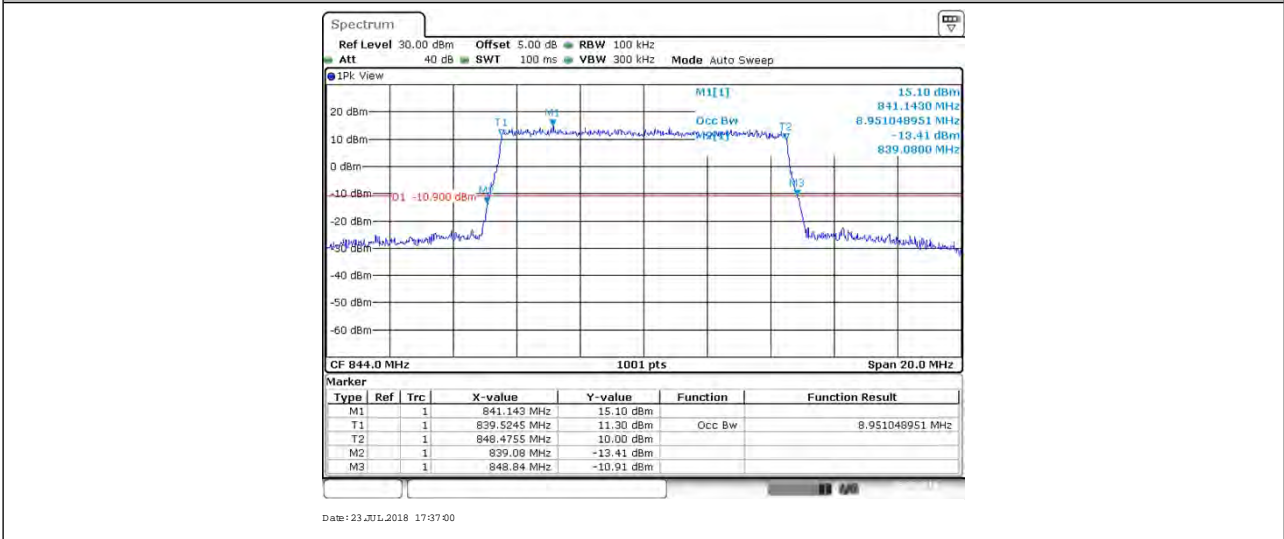
BAND26_10MHz_16QAM_26840_50RB#0



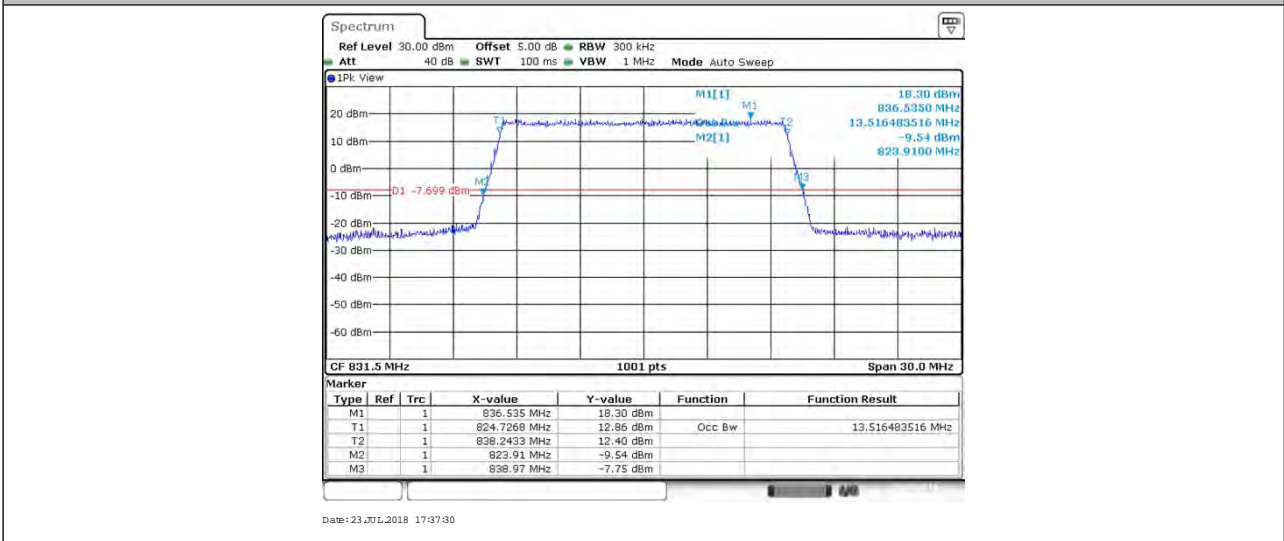
BAND26_10MHz_16QAM_26915_50RB#0



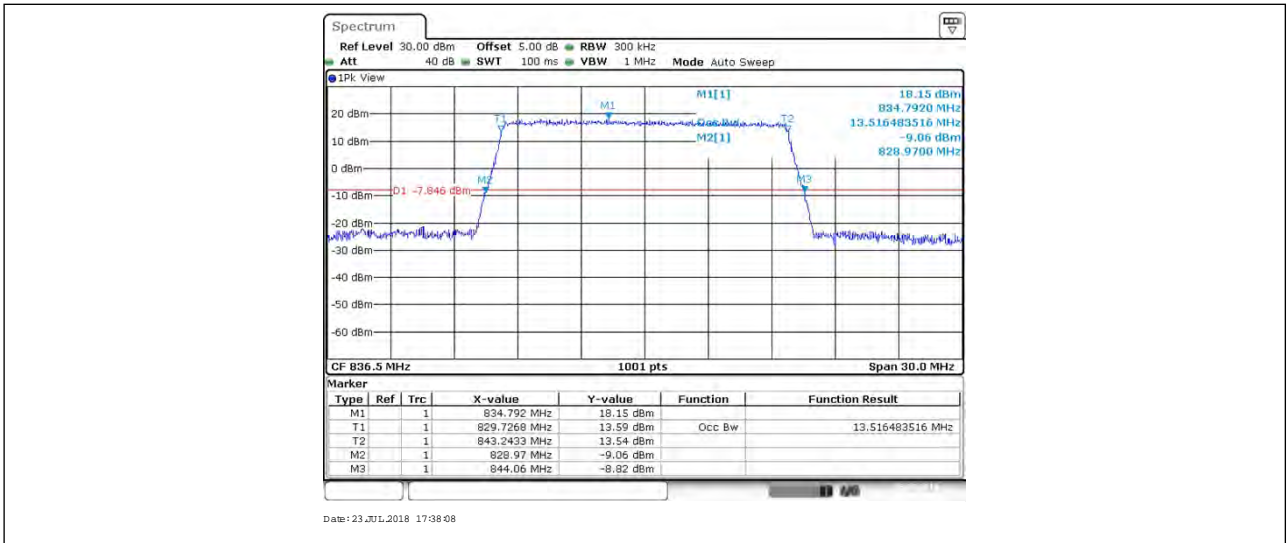
BAND26_10MHz_16QAM_26990_50RB#0



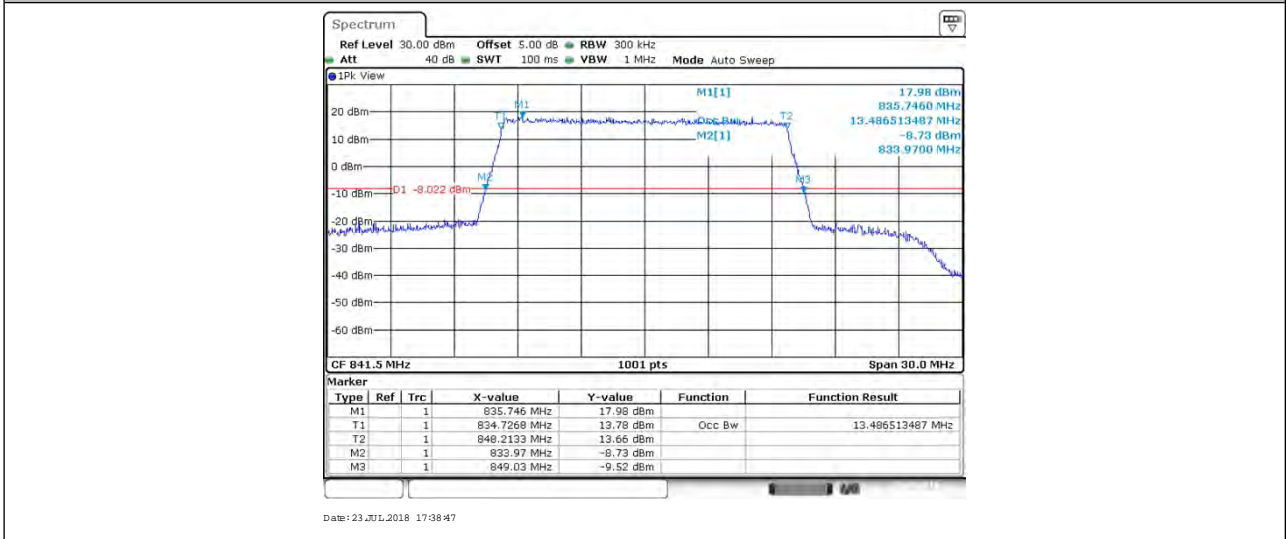
BAND26_15MHz_QPSK_26865_75RB#0



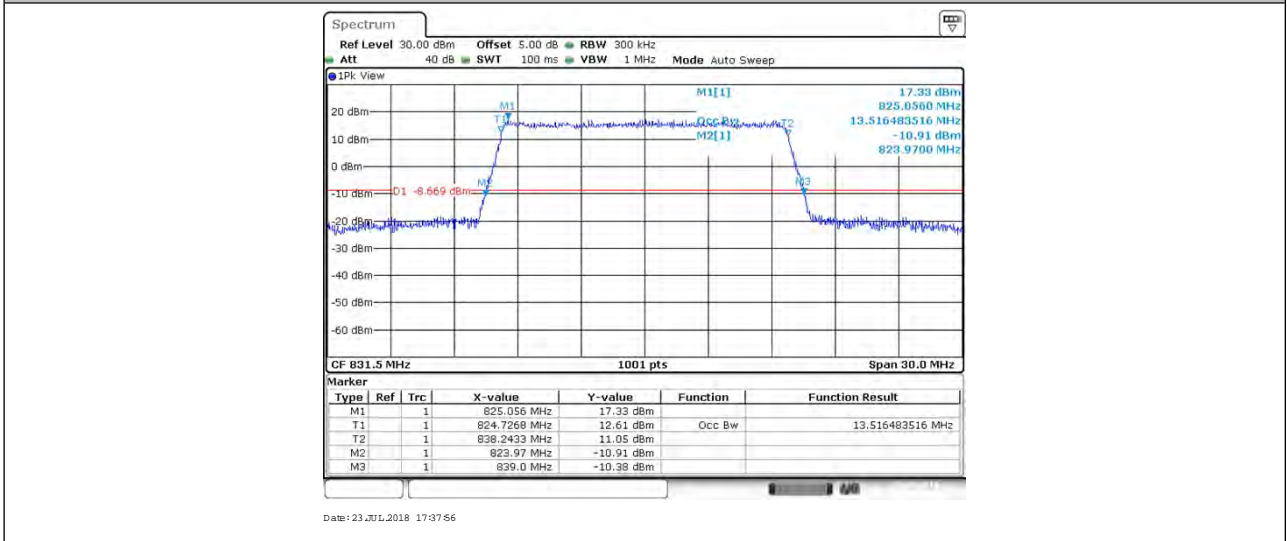
BAND26_15MHz_QPSK_26915_75RB#0



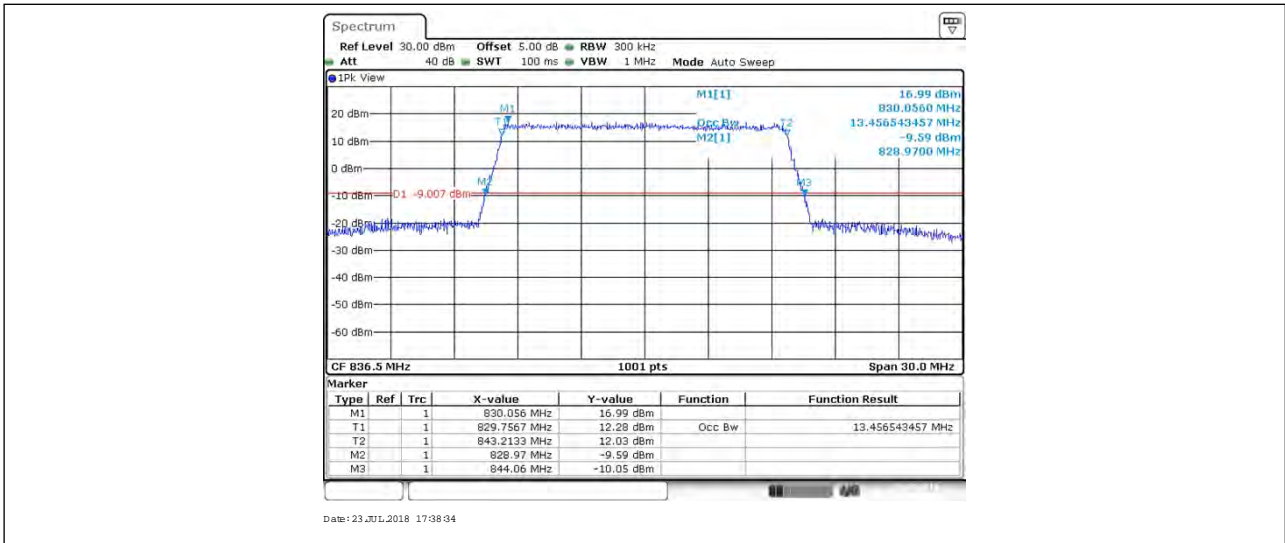
BAND26_15MHz_QPSK_26965_75RB#0



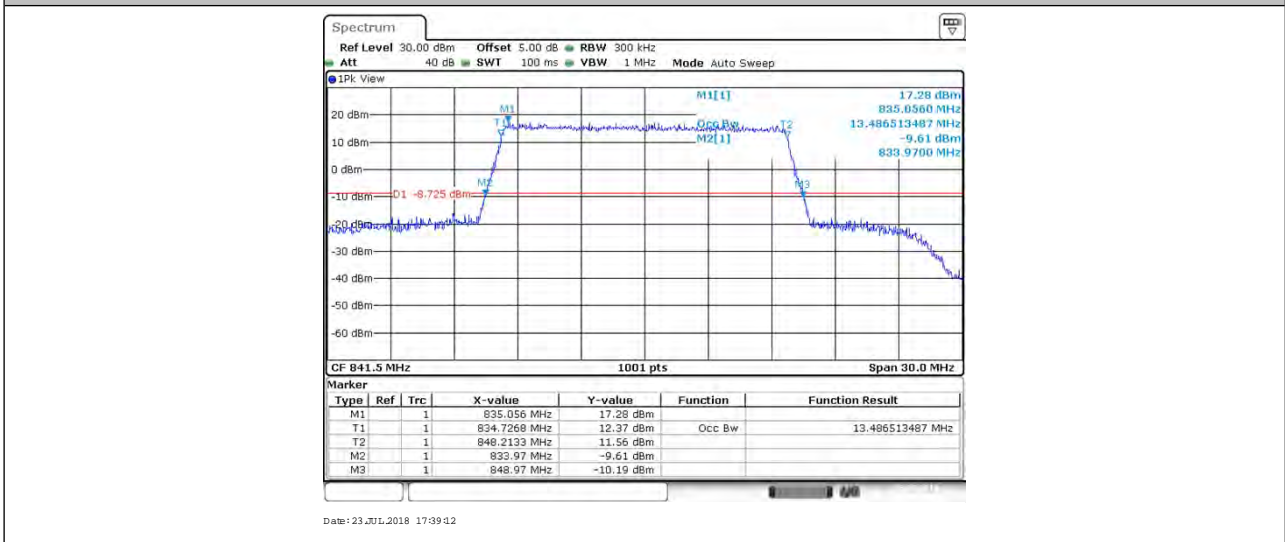
BAND26_15MHz_64QAM_26865_75RB#0



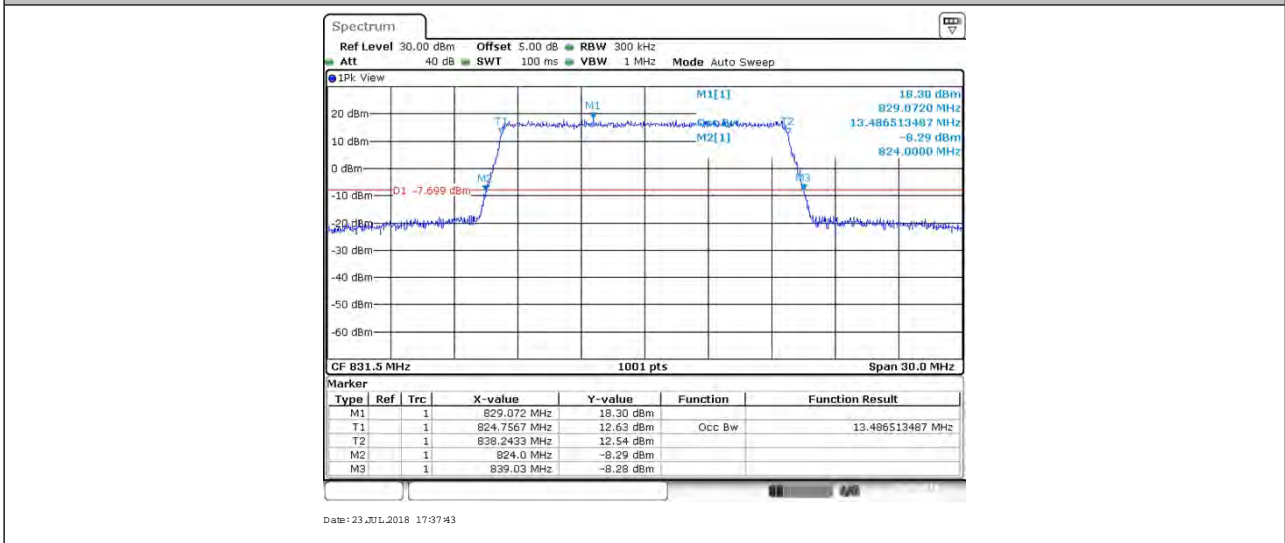
BAND26_15MHz_64QAM_26915_75RB#0



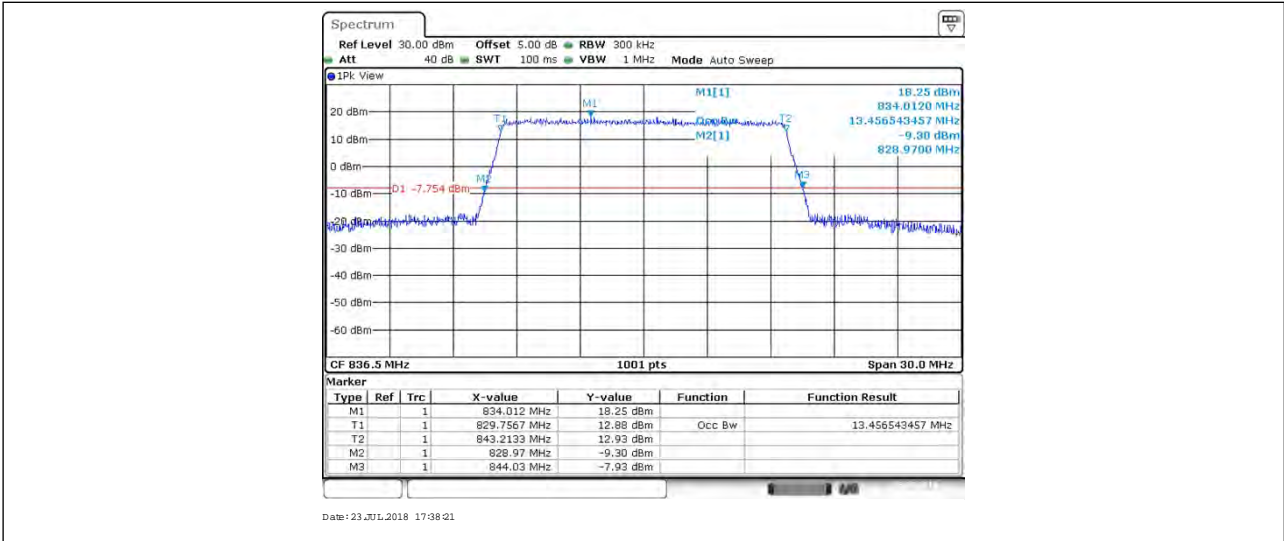
BAND26_15MHz_64QAM_26965_75RB#0



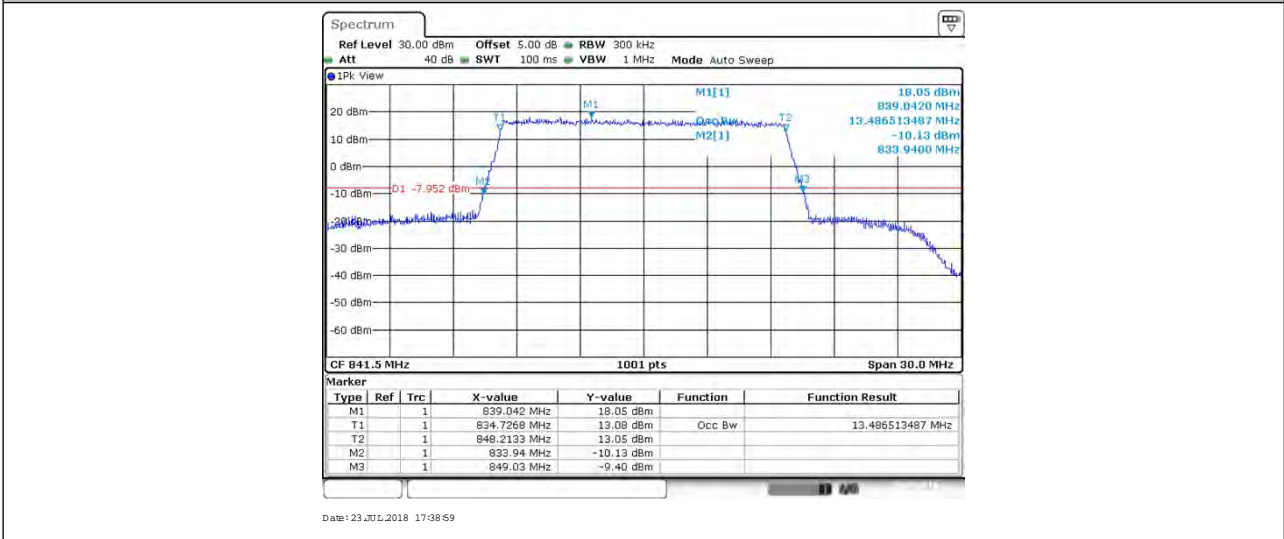
BAND26_15MHz_16QAM_26865_75RB#0



BAND26_15MHz_16QAM_26915_75RB#0



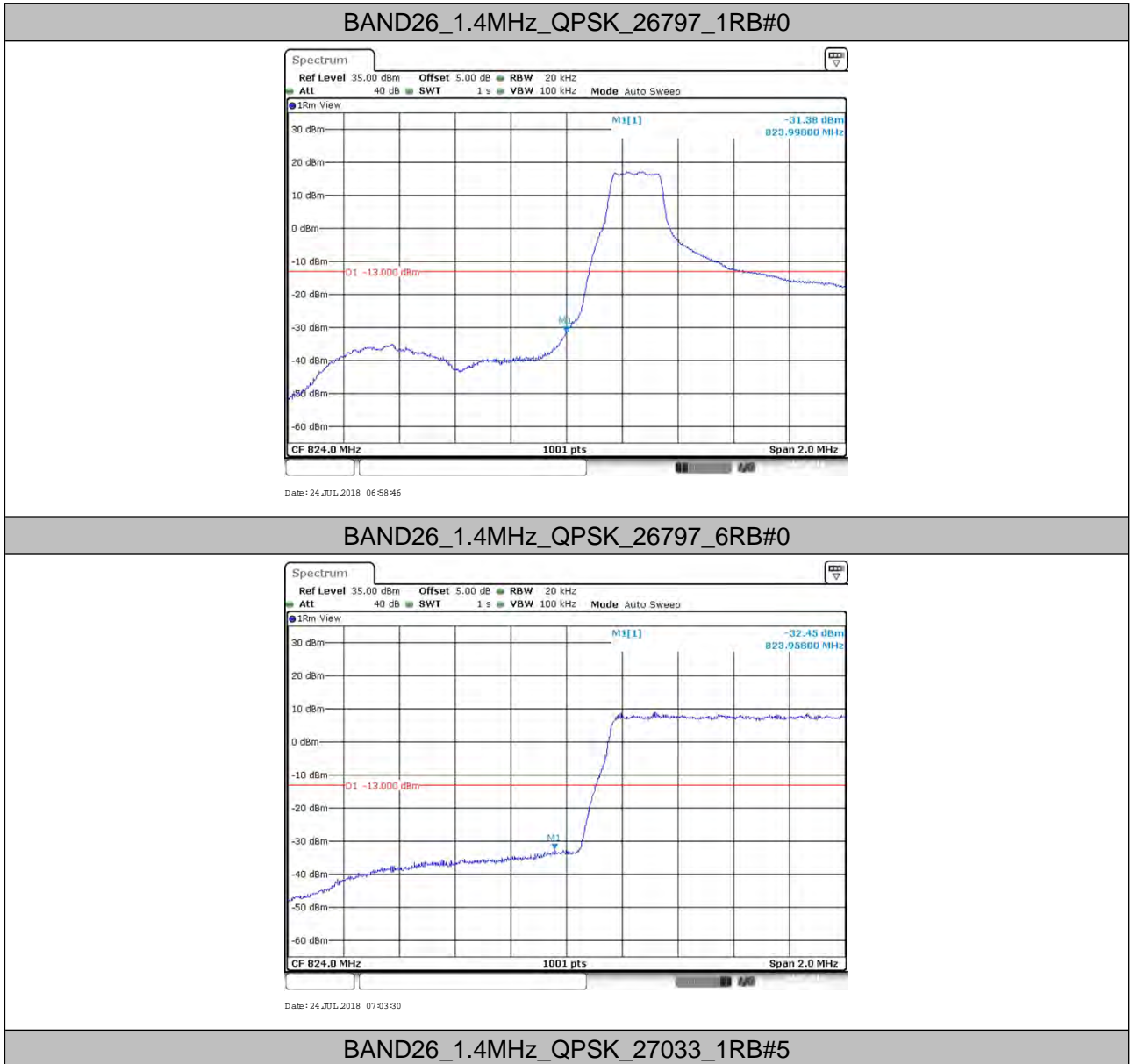
BAND26_15MHz_16QAM_26965_75RB#0

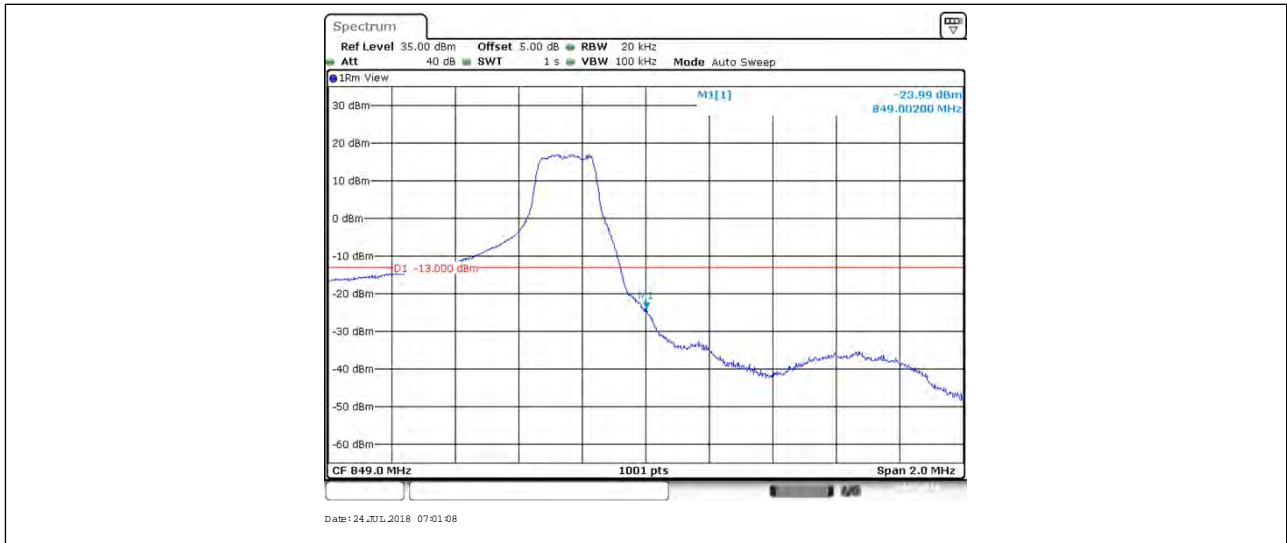




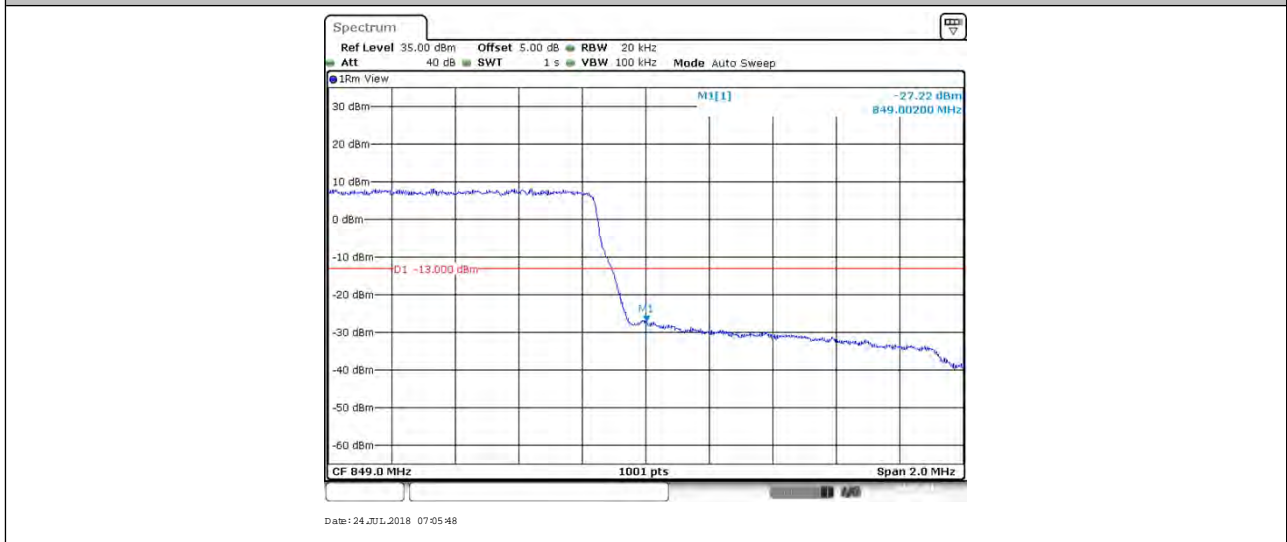
5. Band Edge Compliance

5.1. Test Plots

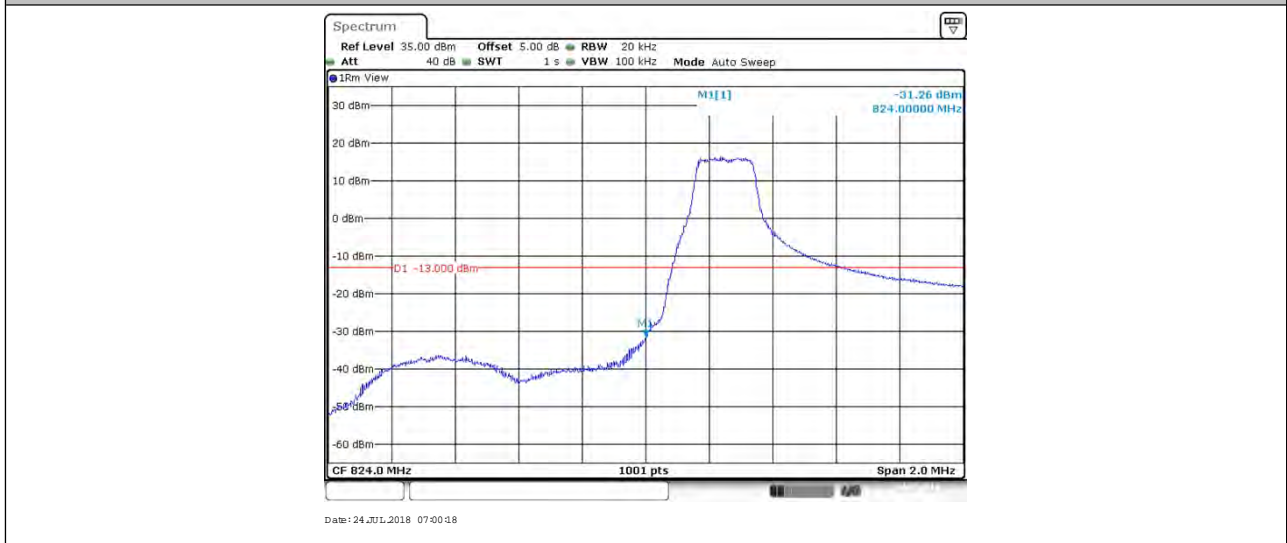




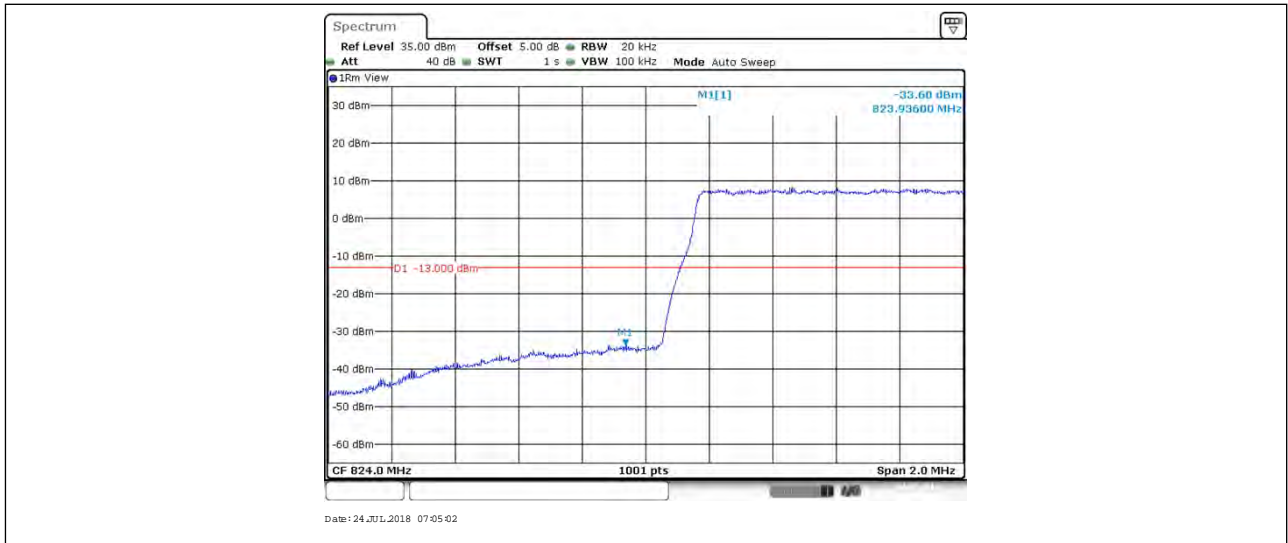
BAND26_1.4MHz_QPSK_27033_6RB#0



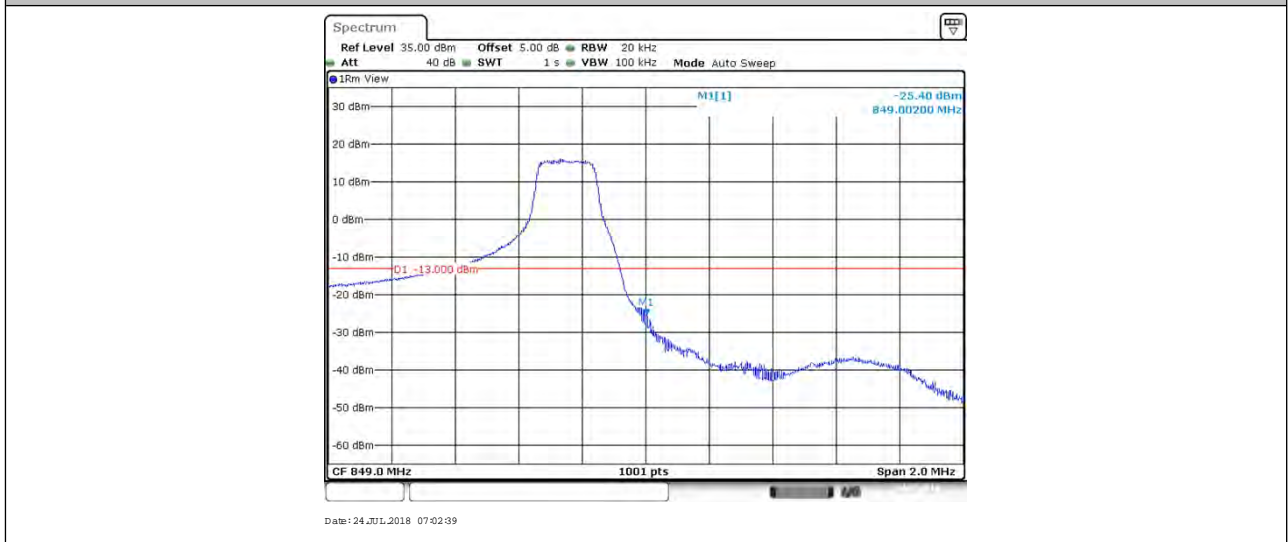
BAND26_1.4MHz_64QAM_26797_1RB#0



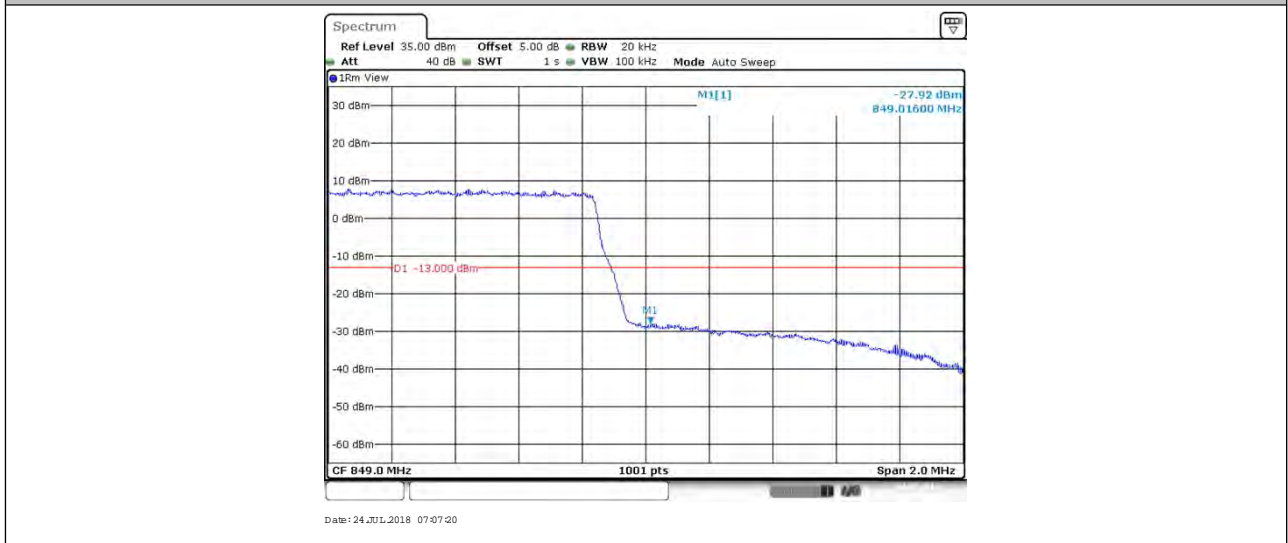
BAND26_1.4MHz_64QAM_26797_6RB#0



BAND26_1.4MHz_64QAM_27033_1RB#5



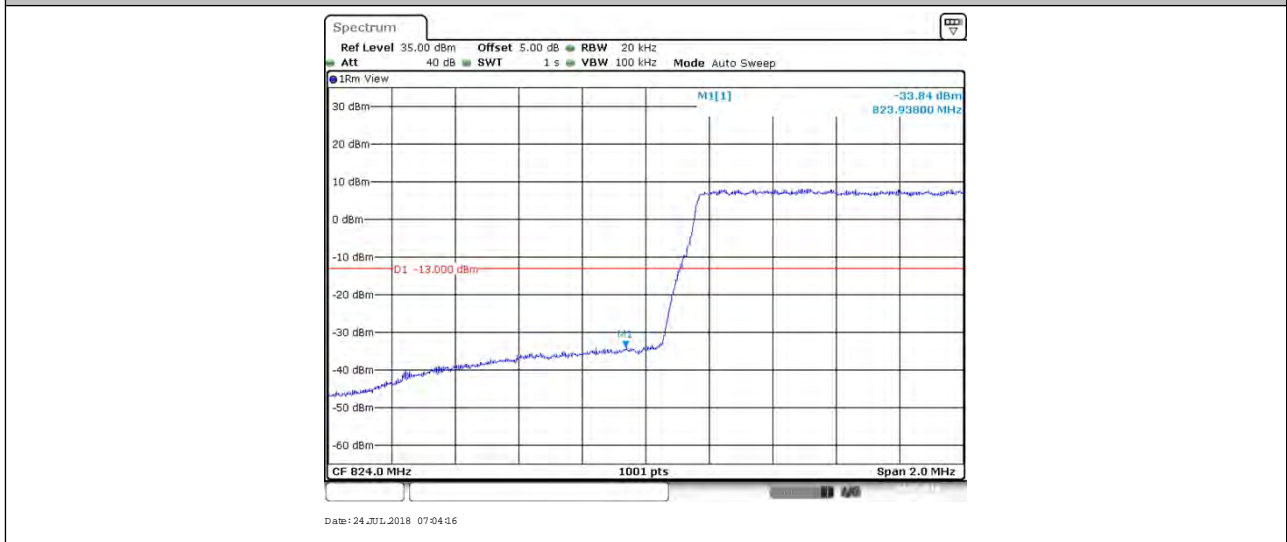
BAND26_1.4MHz_64QAM_27033_6RB#0



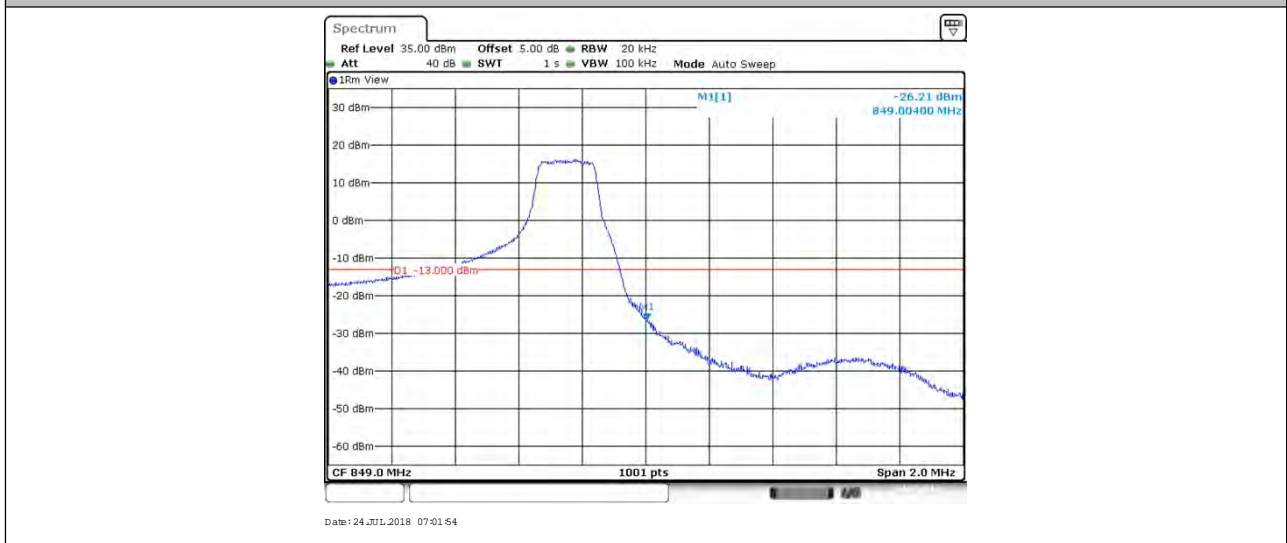
BAND26_1.4MHz_16QAM_26797_1RB#0



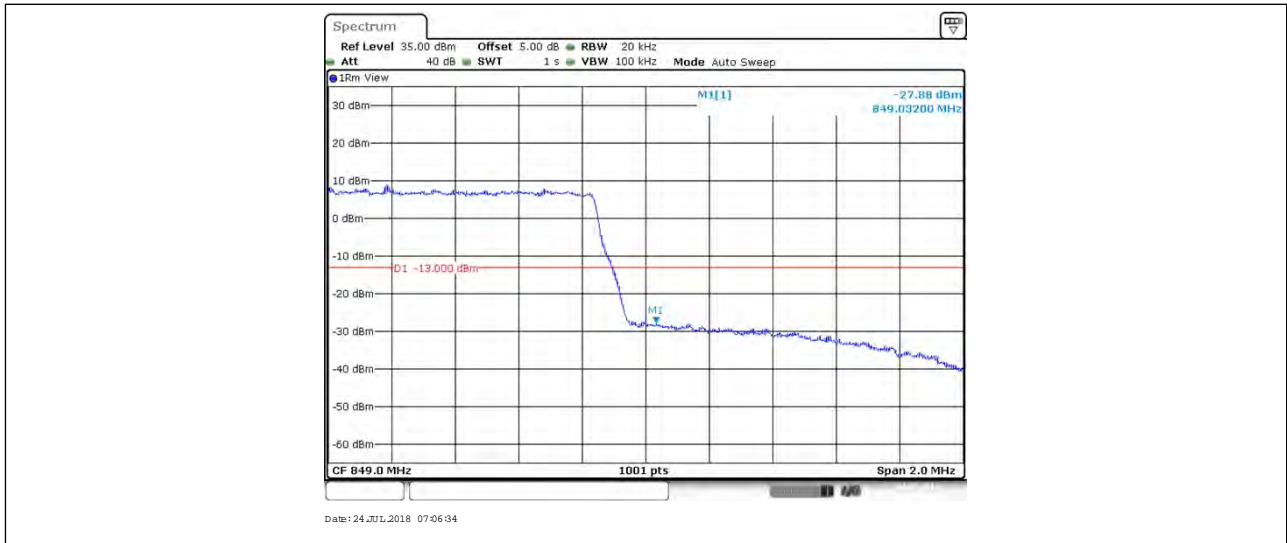
BAND26_1.4MHz_16QAM_26797_6RB#0



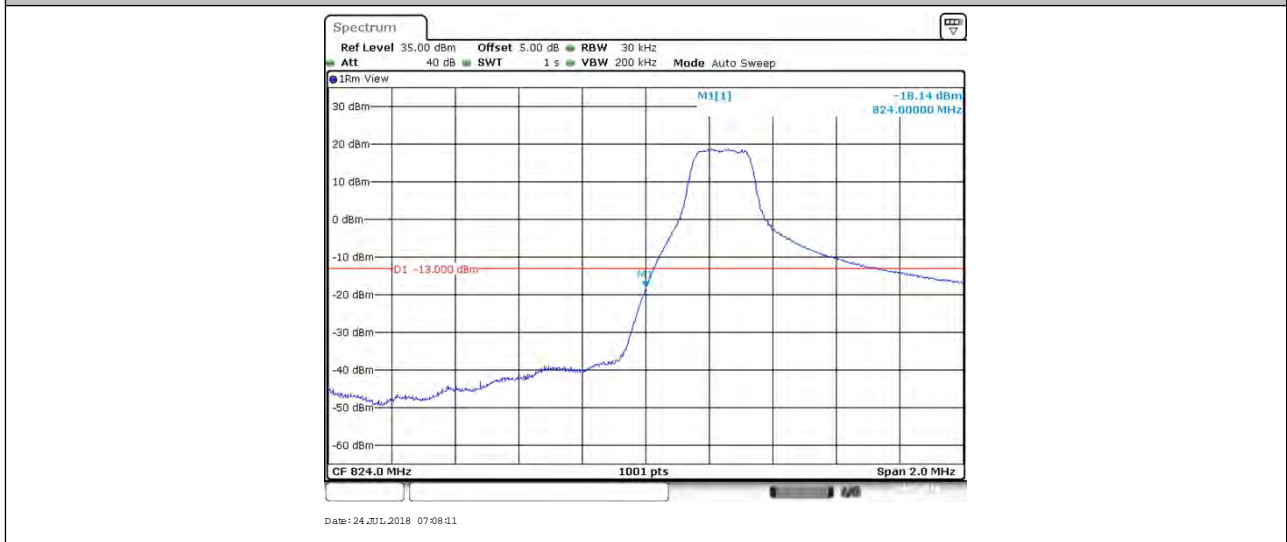
BAND26_1.4MHz_16QAM_27033_1RB#5



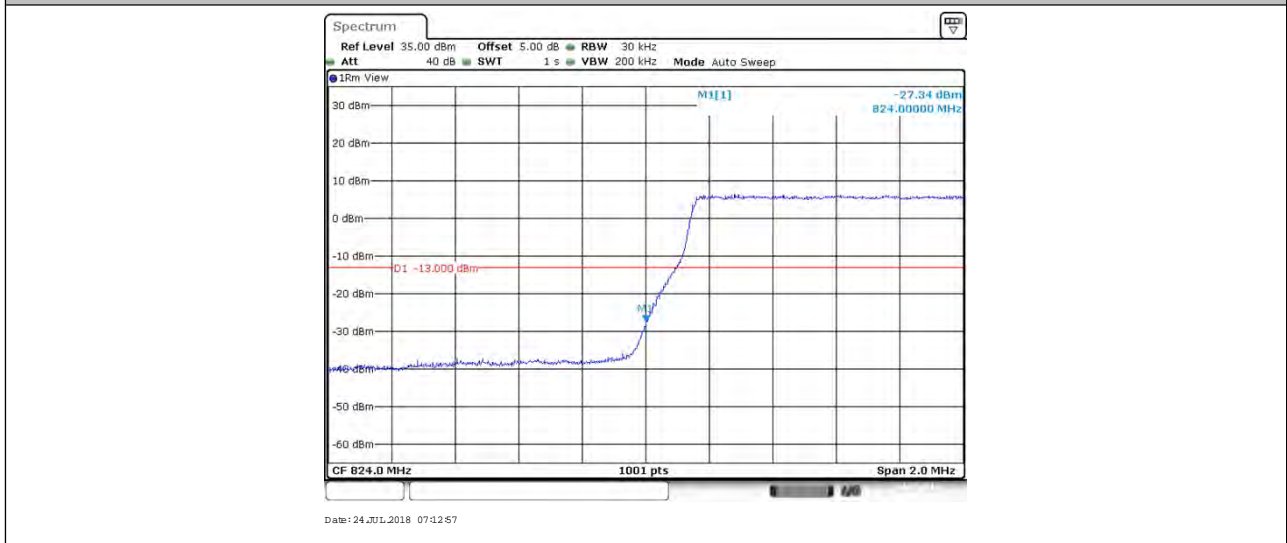
BAND26_1.4MHz_16QAM_27033_6RB#0



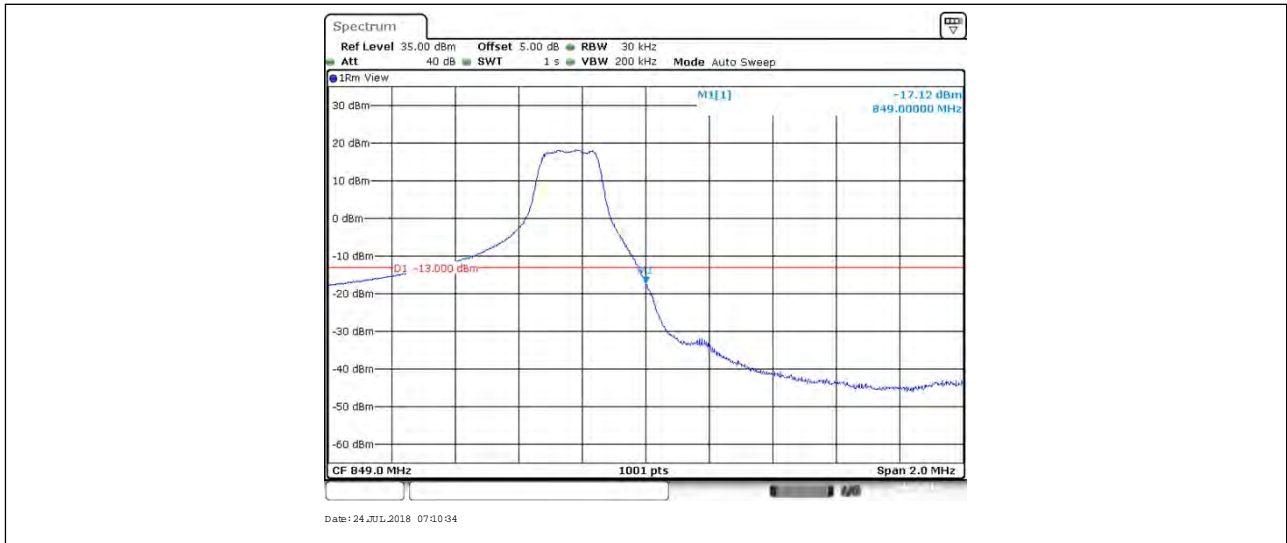
BAND26_3MHz_QPSK_26805_1RB#0



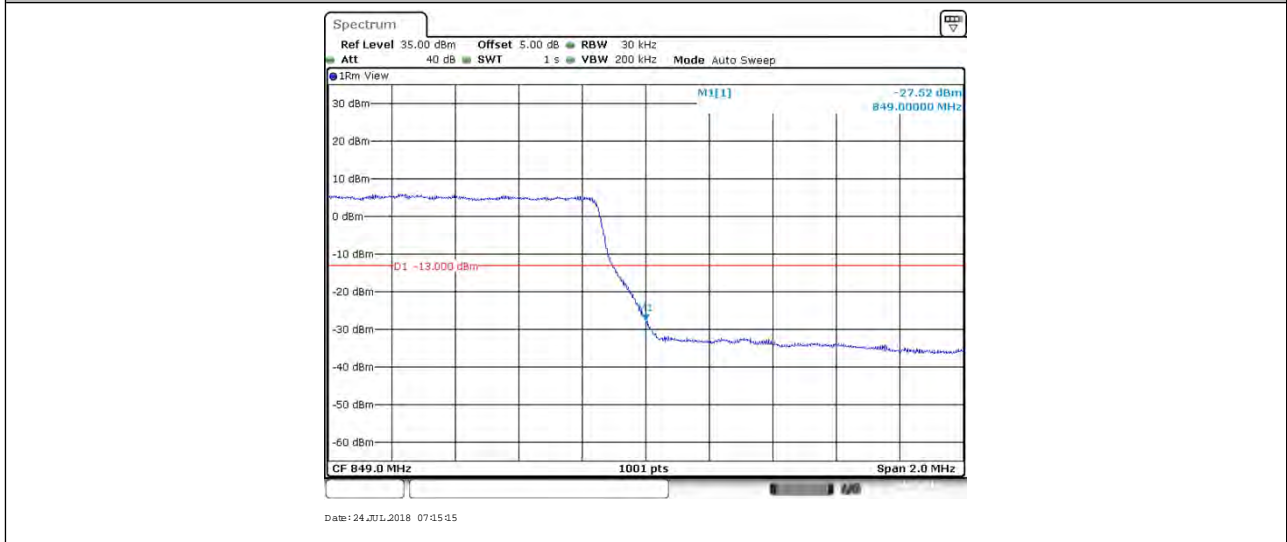
BAND26_3MHz_QPSK_26805_15RB#0



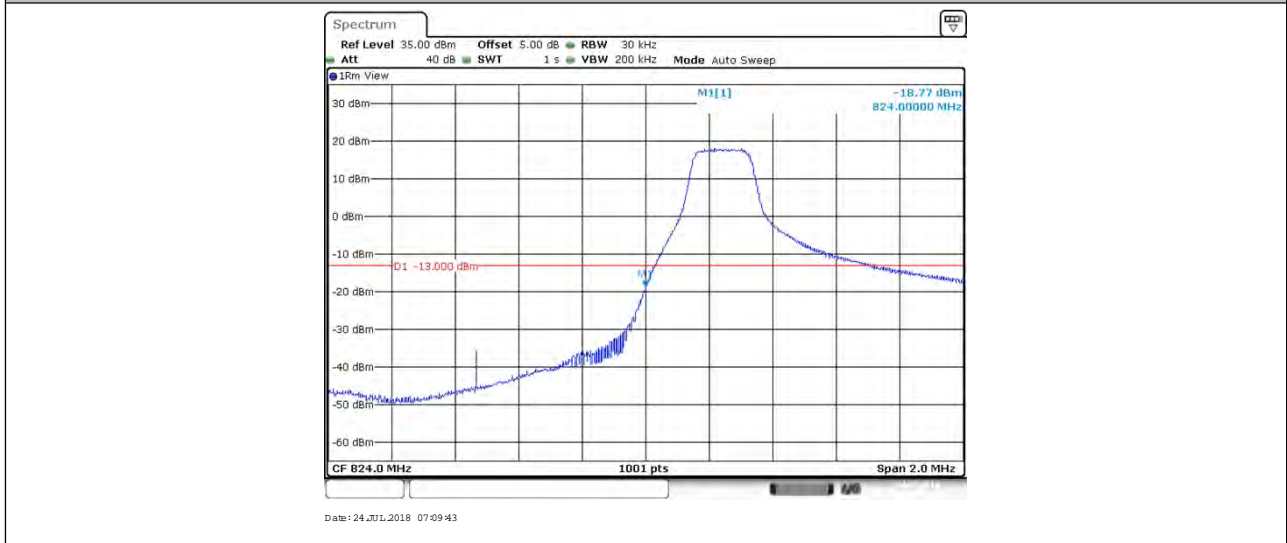
BAND26_3MHz_QPSK_27025_1RB#14



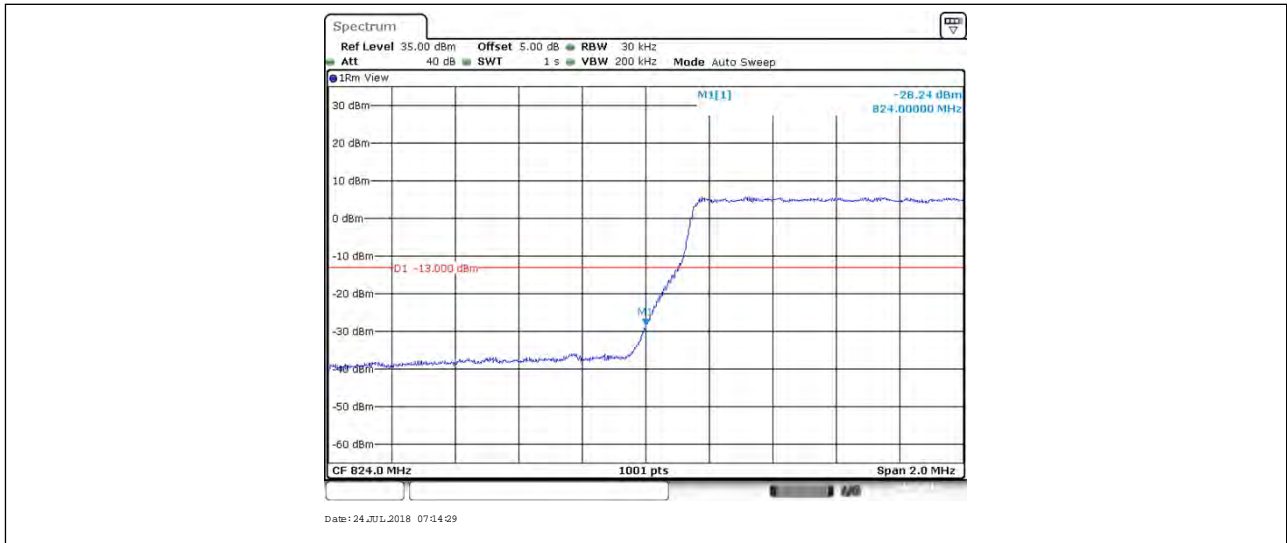
BAND26_3MHz_QPSK_27025_15RB#0



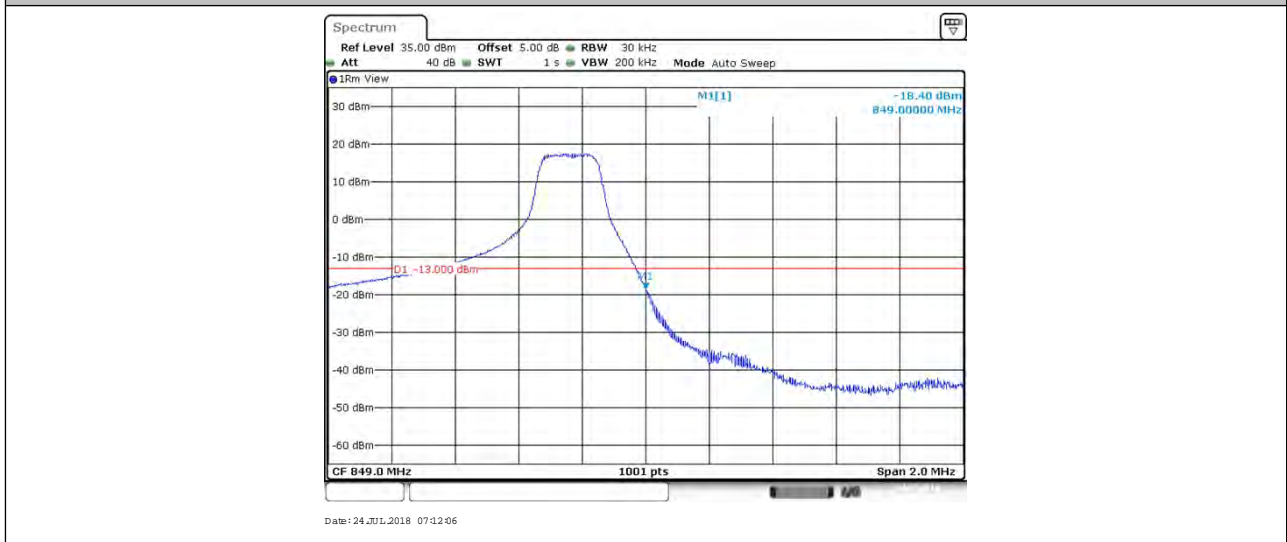
BAND26_3MHz_64QAM_26805_1RB#0



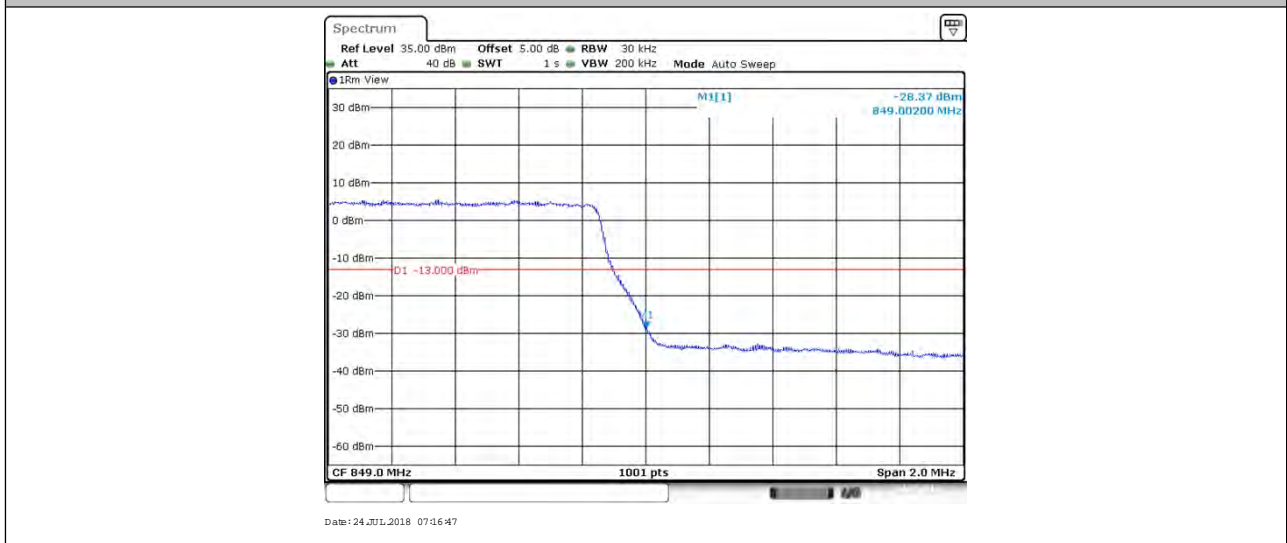
BAND26_3MHz_64QAM_26805_15RB#0



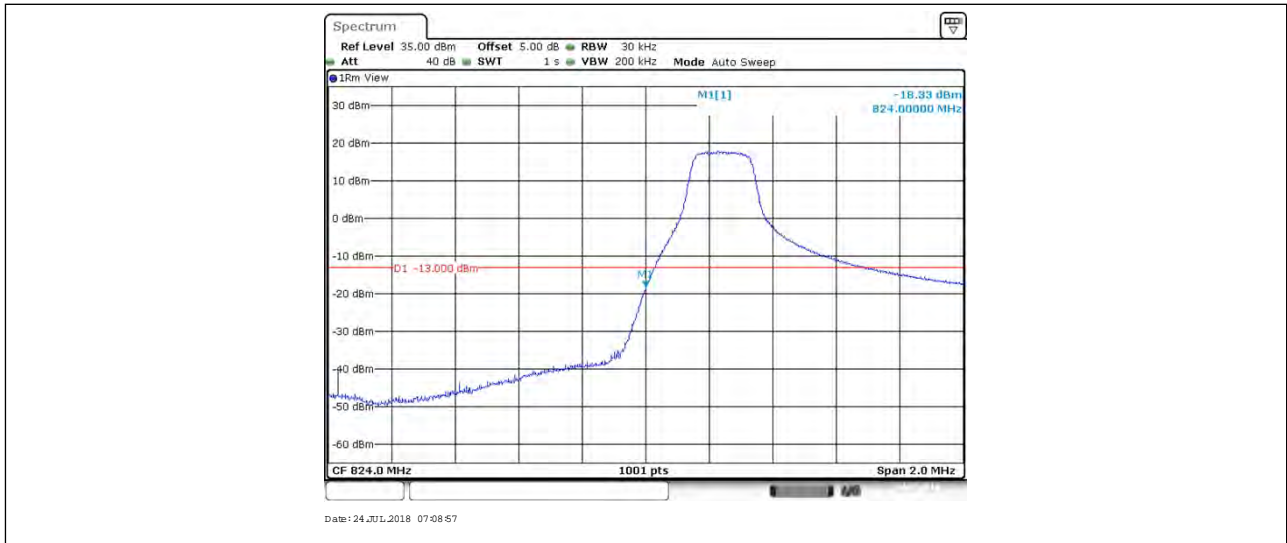
BAND26_3MHz_64QAM_27025_1RB#14



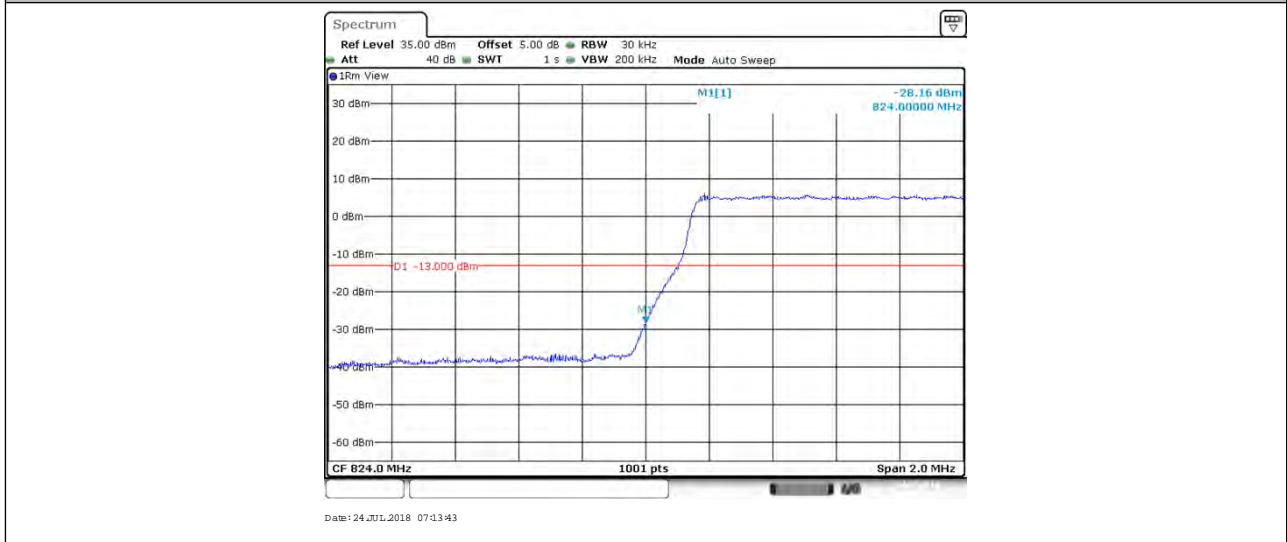
BAND26_3MHz_64QAM_27025_15RB#0



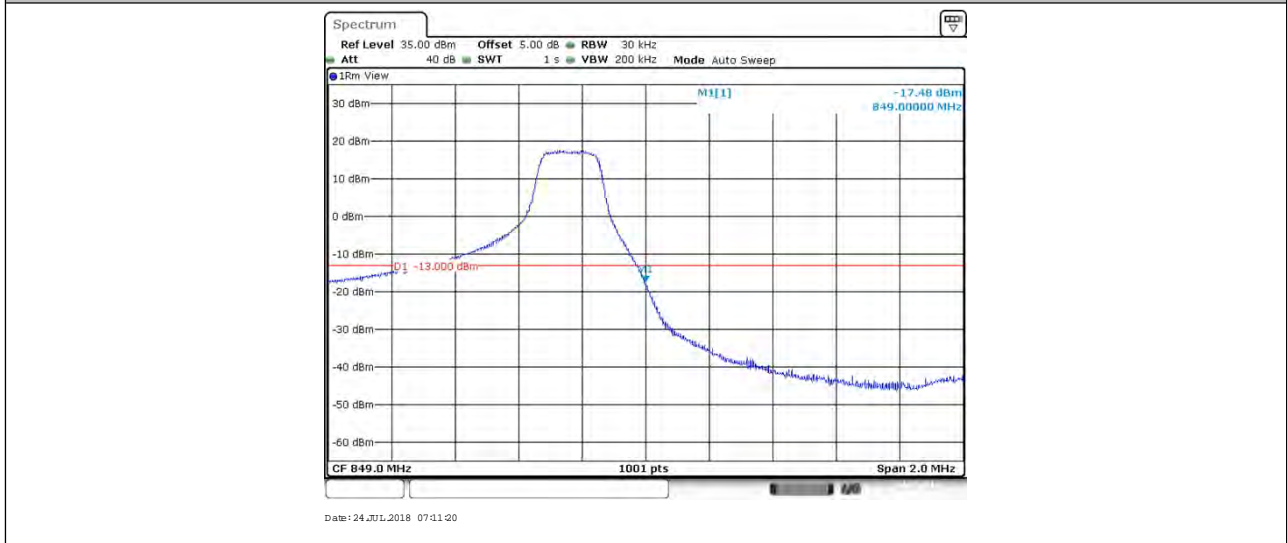
BAND26_3MHz_16QAM_26805_1RB#0



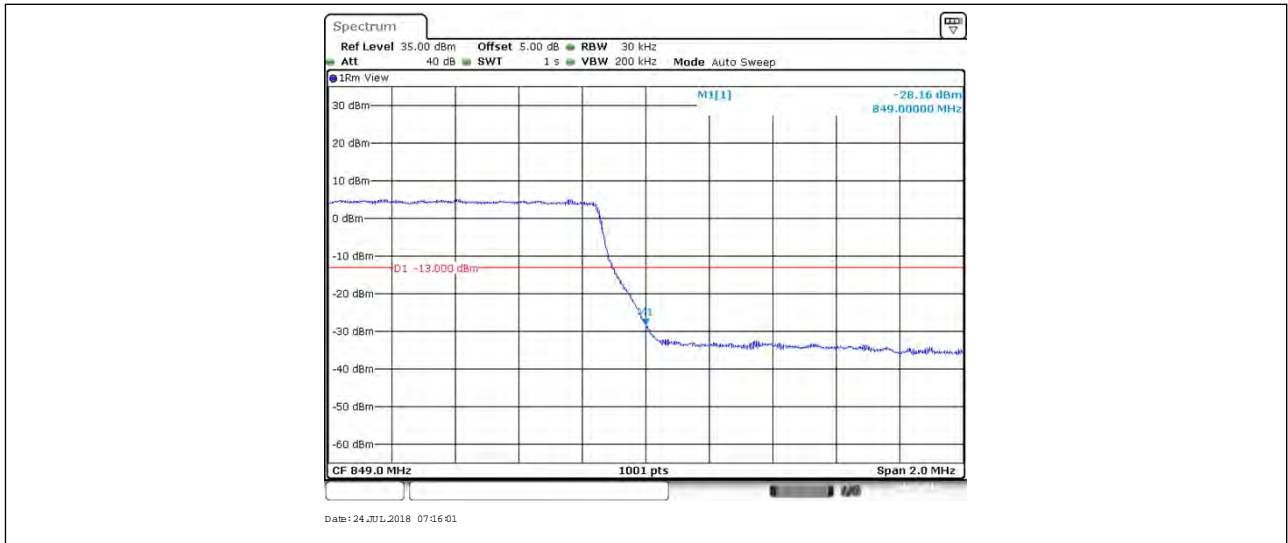
BAND26_3MHz_16QAM_26805_15RB#0



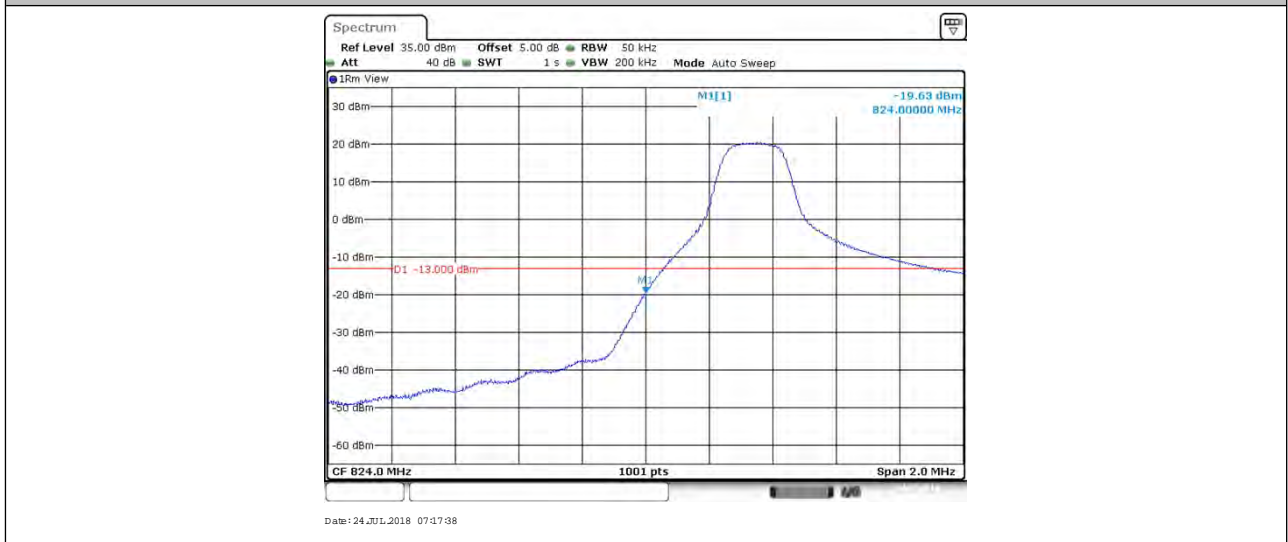
BAND26_3MHz_16QAM_27025_1RB#14



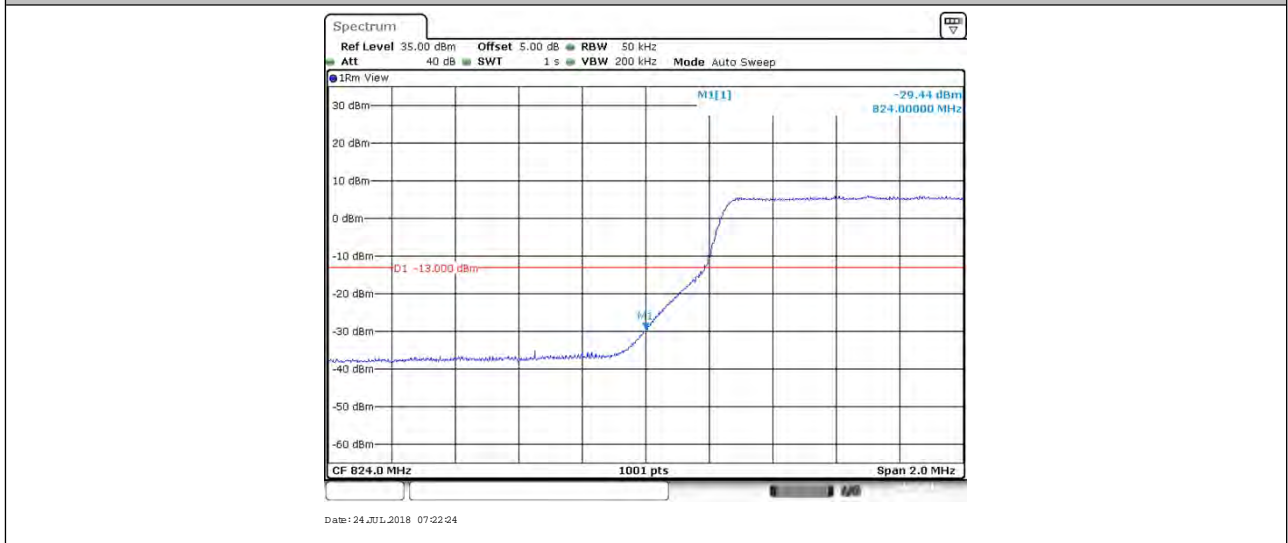
BAND26_3MHz_16QAM_27025_15RB#0



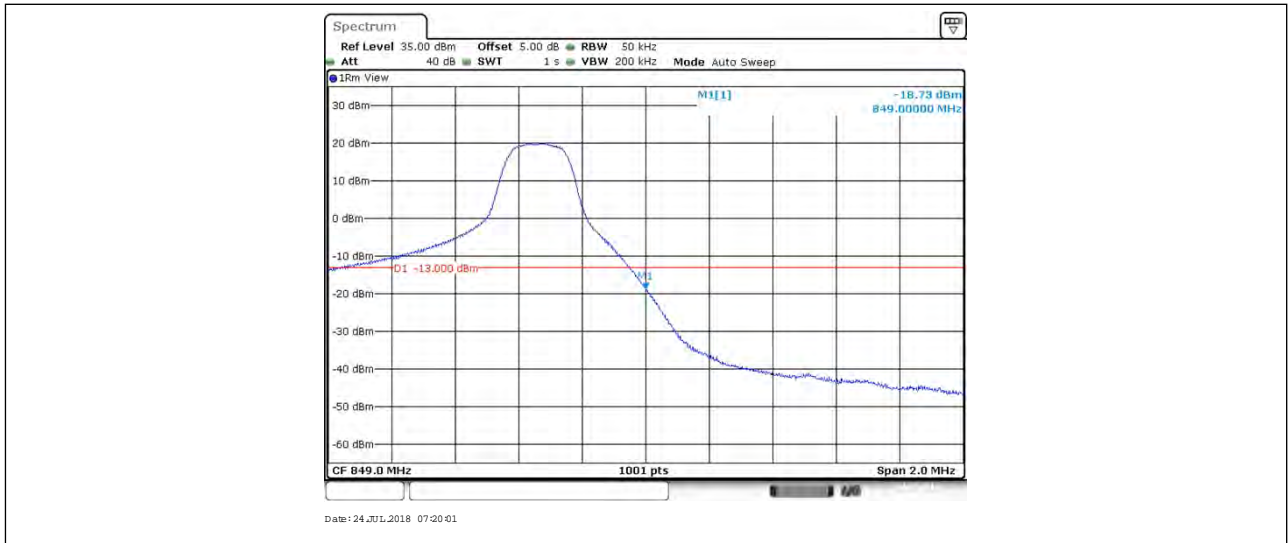
BAND26_5MHz_QPSK_26815_1RB#0



BAND26_5MHz_QPSK_26815_25RB#0



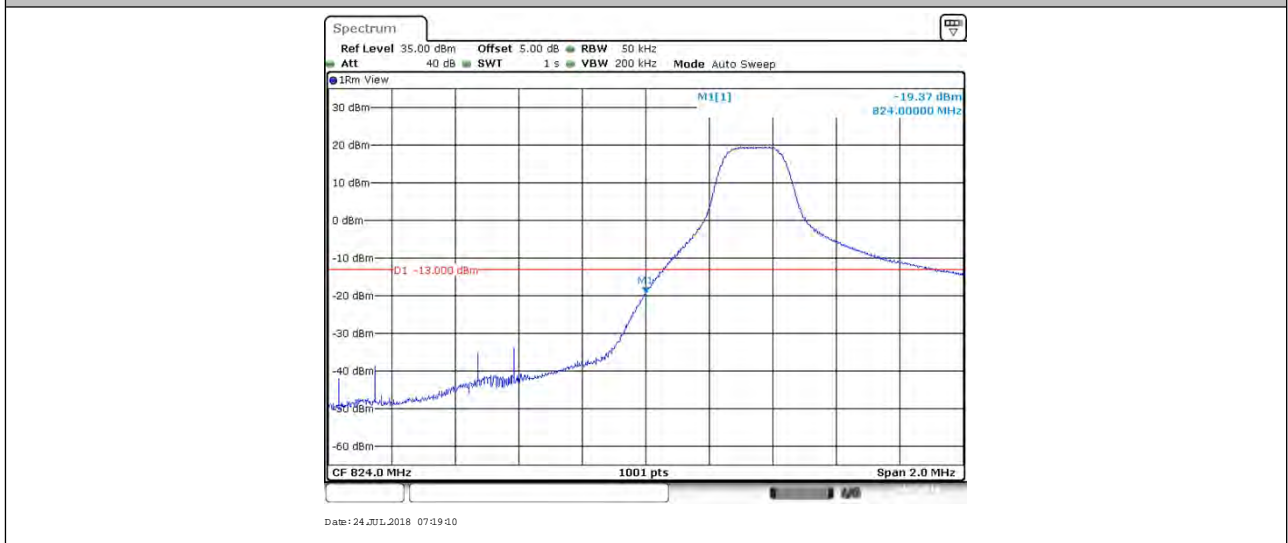
BAND26_5MHz_QPSK_27015_1RB#24



BAND26_5MHz_QPSK_27015_25RB#0



BAND26_5MHz_64QAM_26815_1RB#0



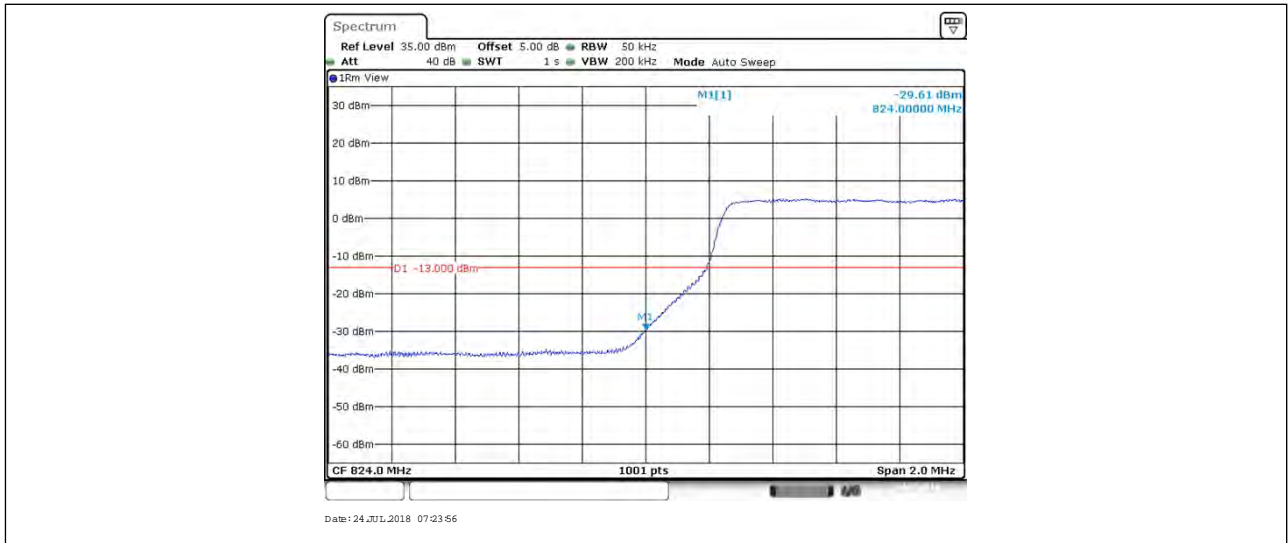
BAND26_5MHz_64QAM_26815_25RB#0



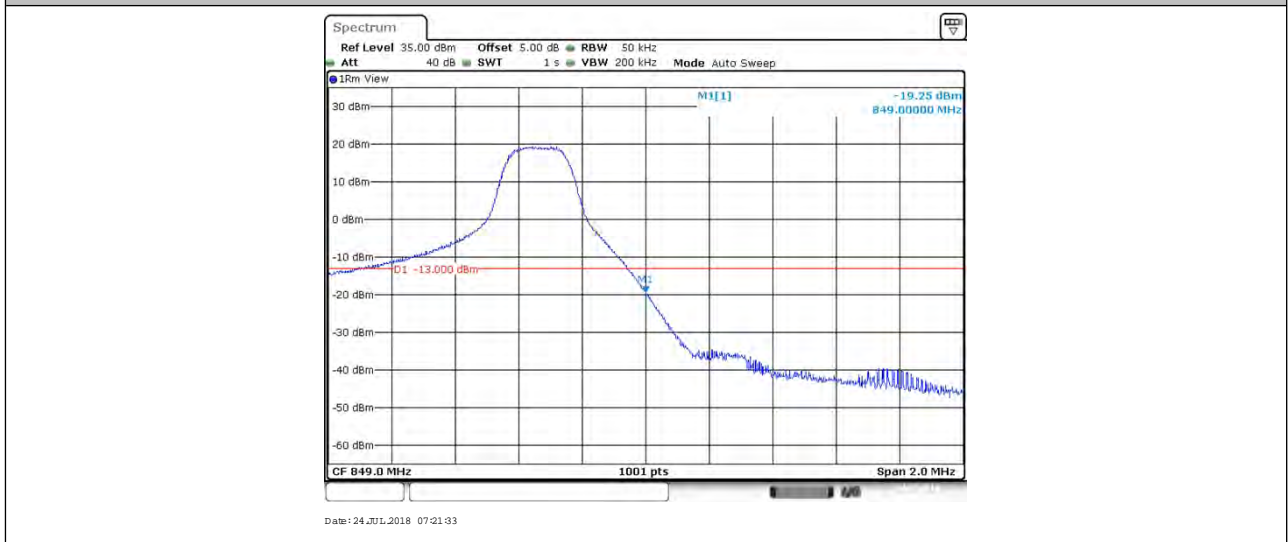
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZEM180700654901

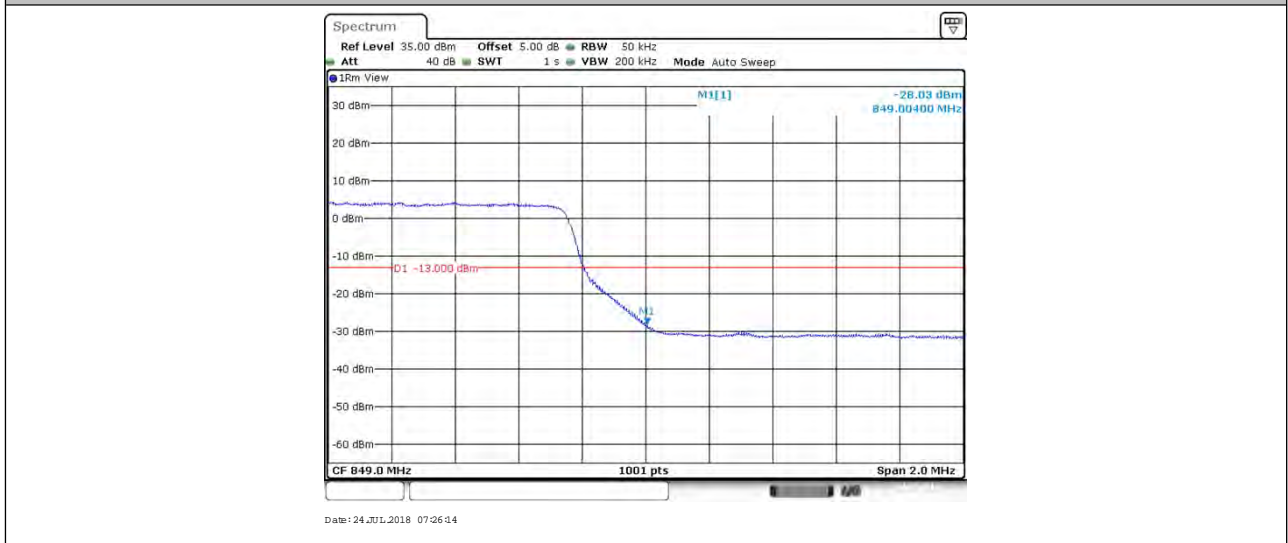
Page: 46 of 77



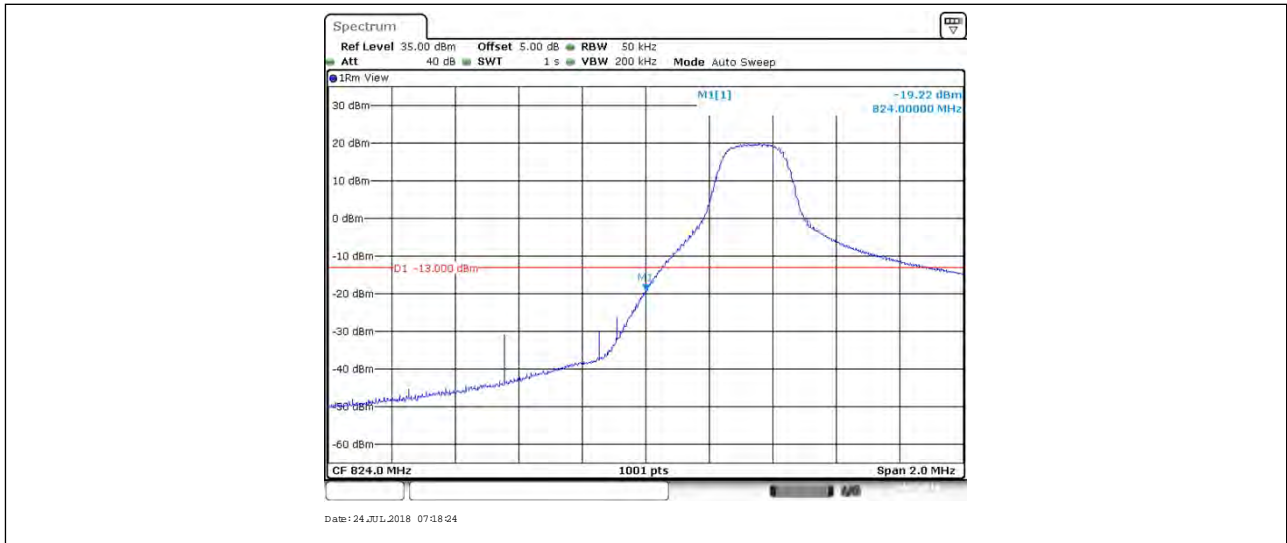
BAND26_5MHz_64QAM_27015_1RB#24



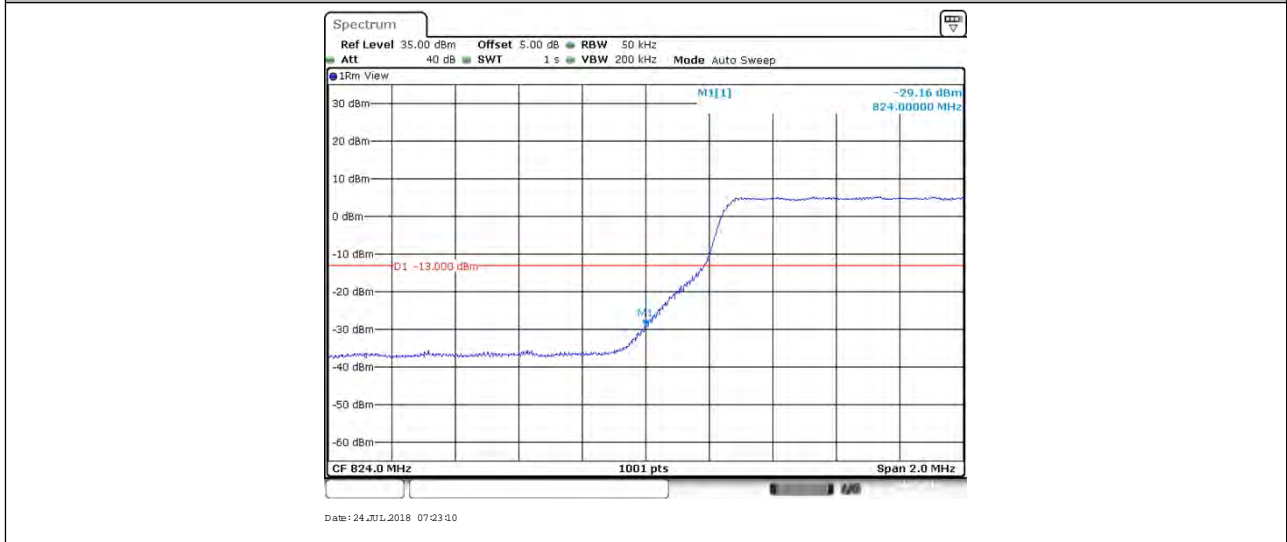
BAND26_5MHz_64QAM_27015_25RB#0



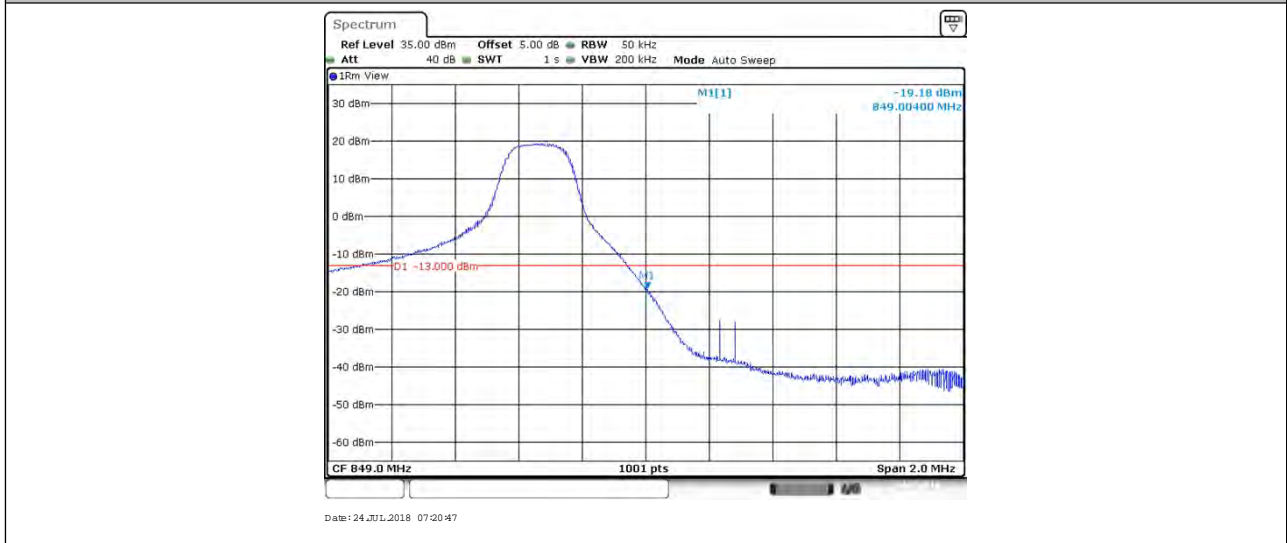
BAND26_5MHz_16QAM_26815_1RB#0



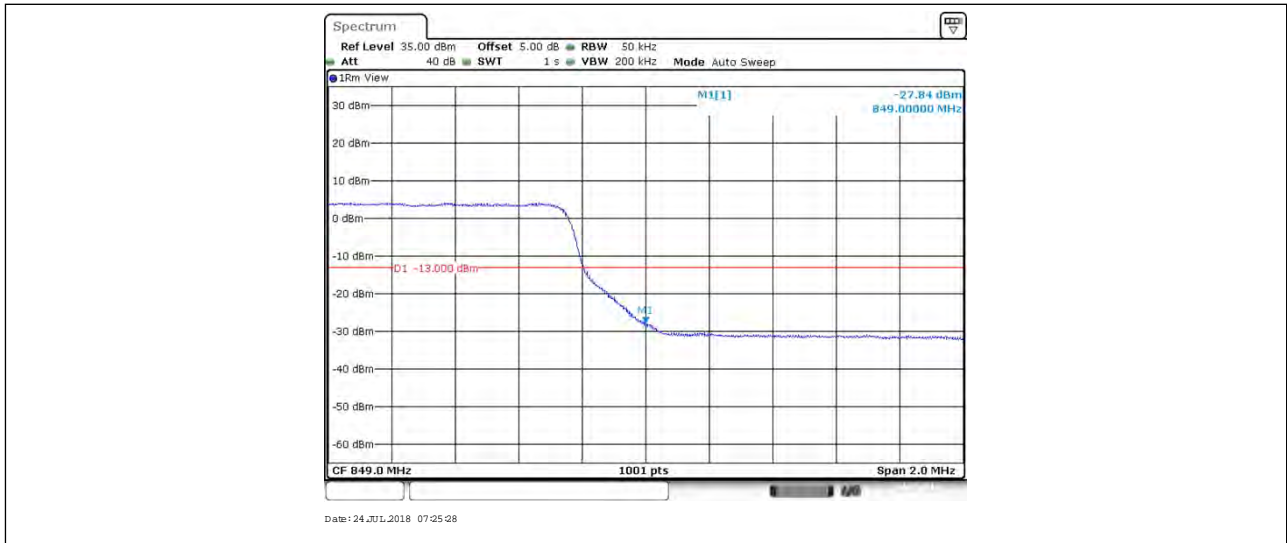
BAND26_5MHz_16QAM_26815_25RB#0



BAND26_5MHz_16QAM_27015_1RB#24



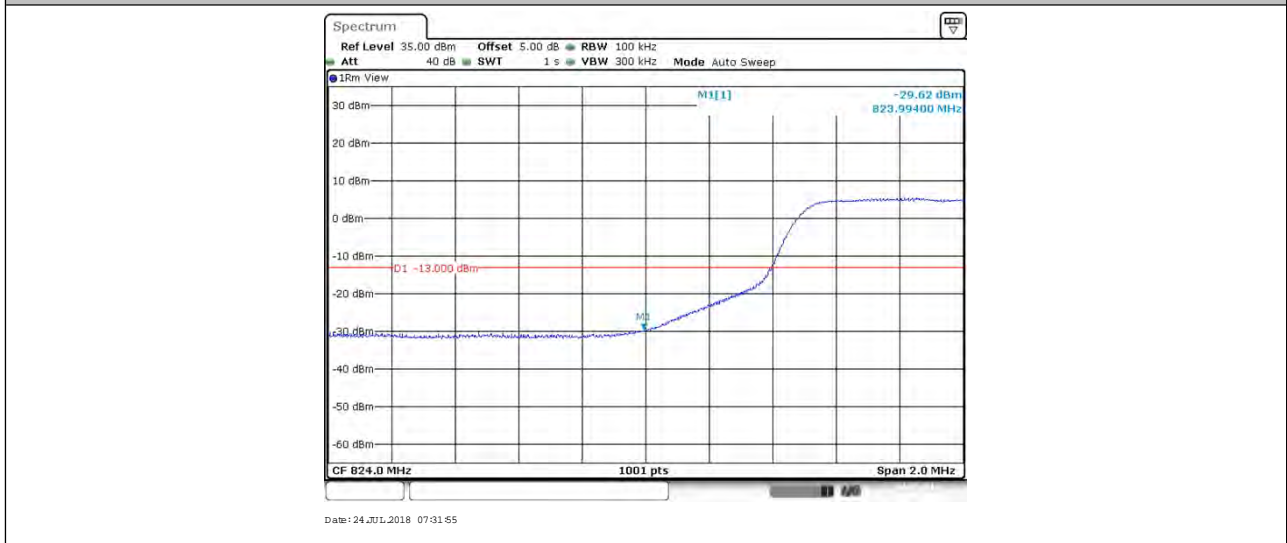
BAND26_5MHz_16QAM_27015_25RB#0



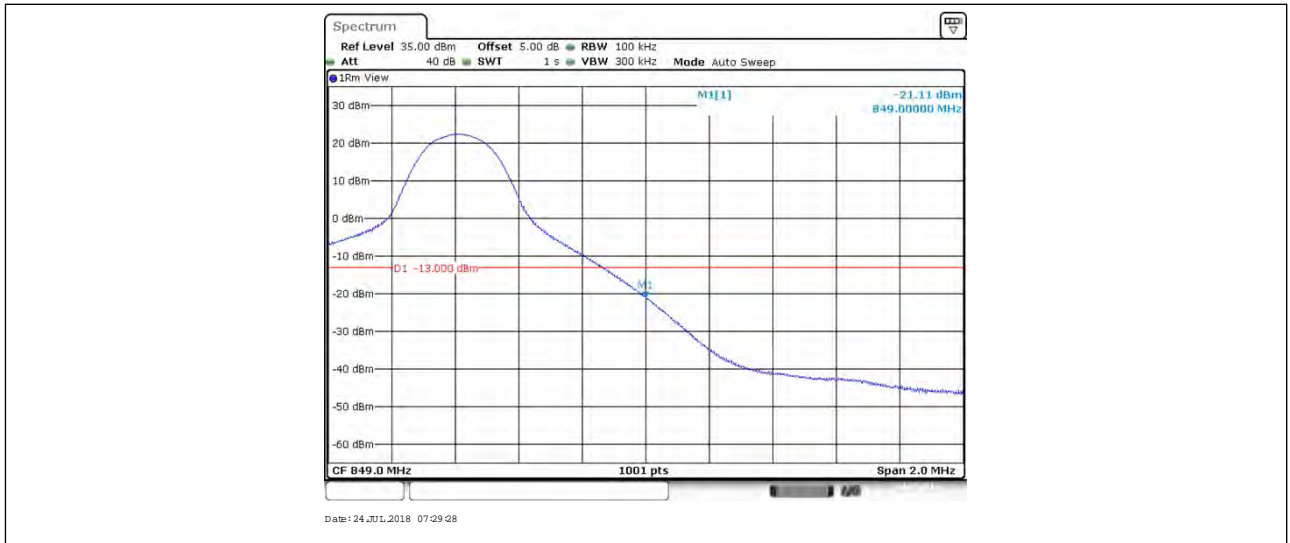
BAND26_10MHz_QPSK_26840_1RB#0



BAND26_10MHz_QPSK_26840_50RB#0



BAND26_10MHz_QPSK_26990_1RB#49



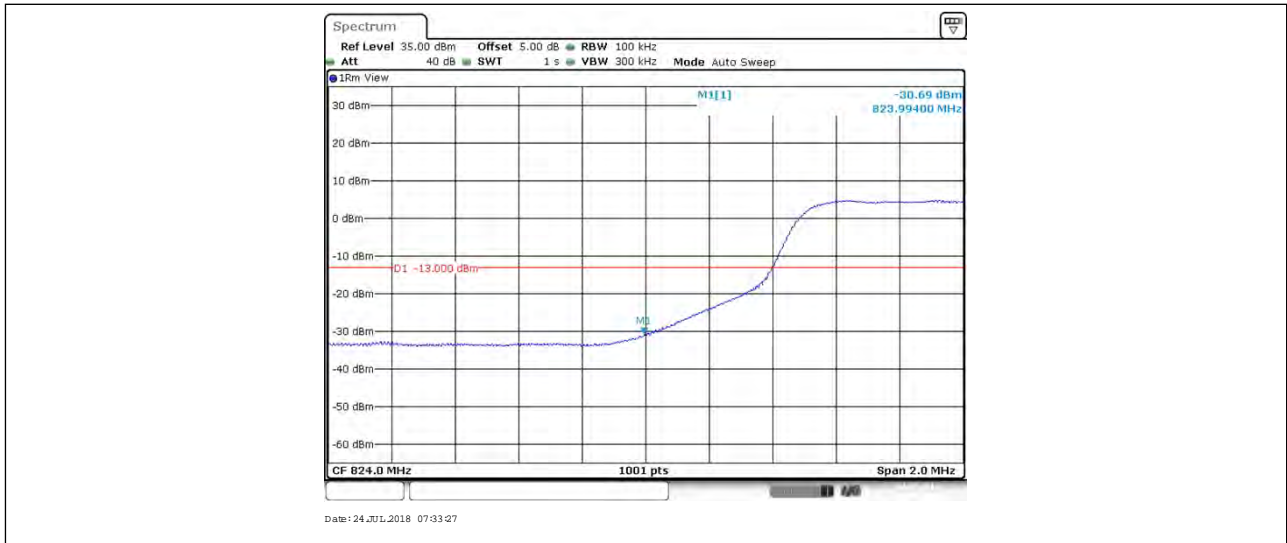
BAND26_10MHz_QPSK_26990_50RB#0



BAND26_10MHz_64QAM_26840_1RB#0



BAND26_10MHz_64QAM_26840_50RB#0



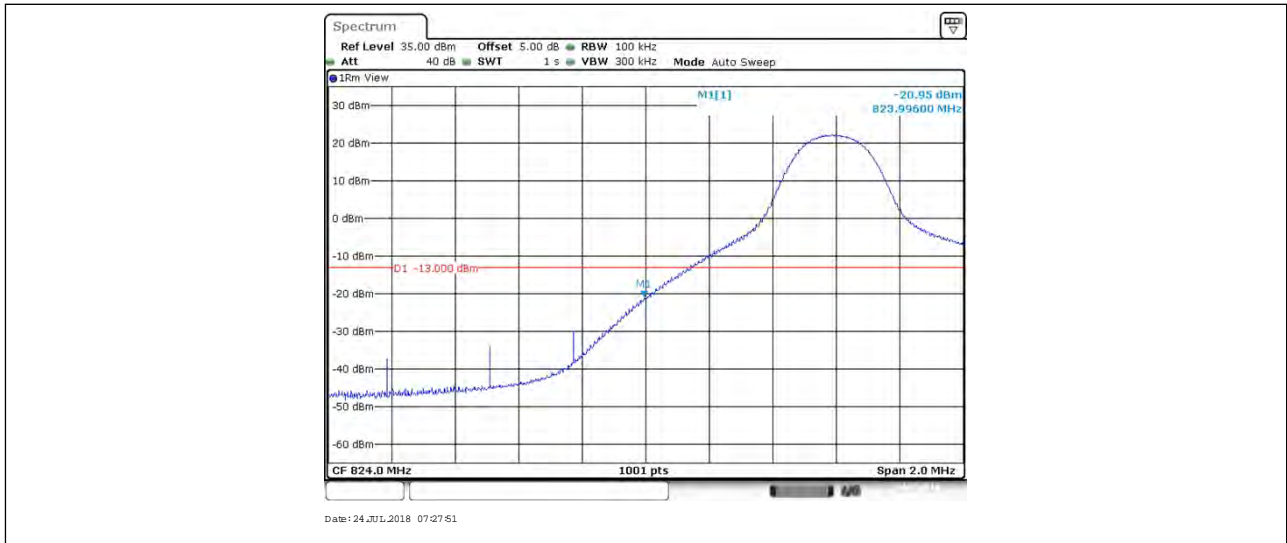
BAND26_10MHz_64QAM_26990_1RB#49



BAND26_10MHz_64QAM_26990_50RB#0



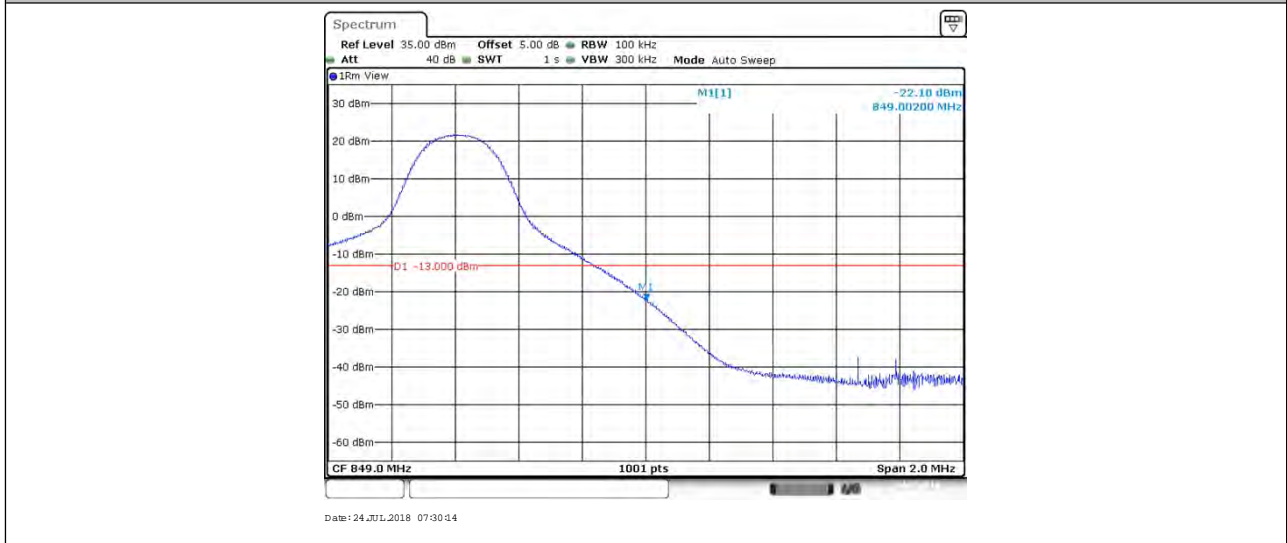
BAND26_10MHz_16QAM_26840_1RB#0



BAND26_10MHz_16QAM_26840_50RB#0



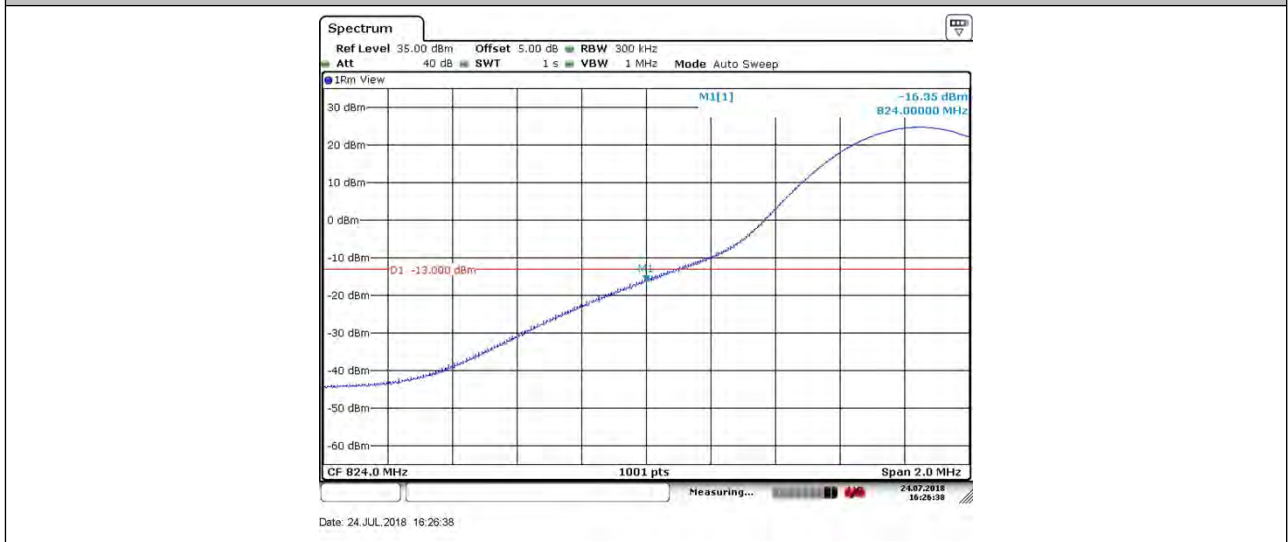
BAND26_10MHz_16QAM_26990_1RB#49



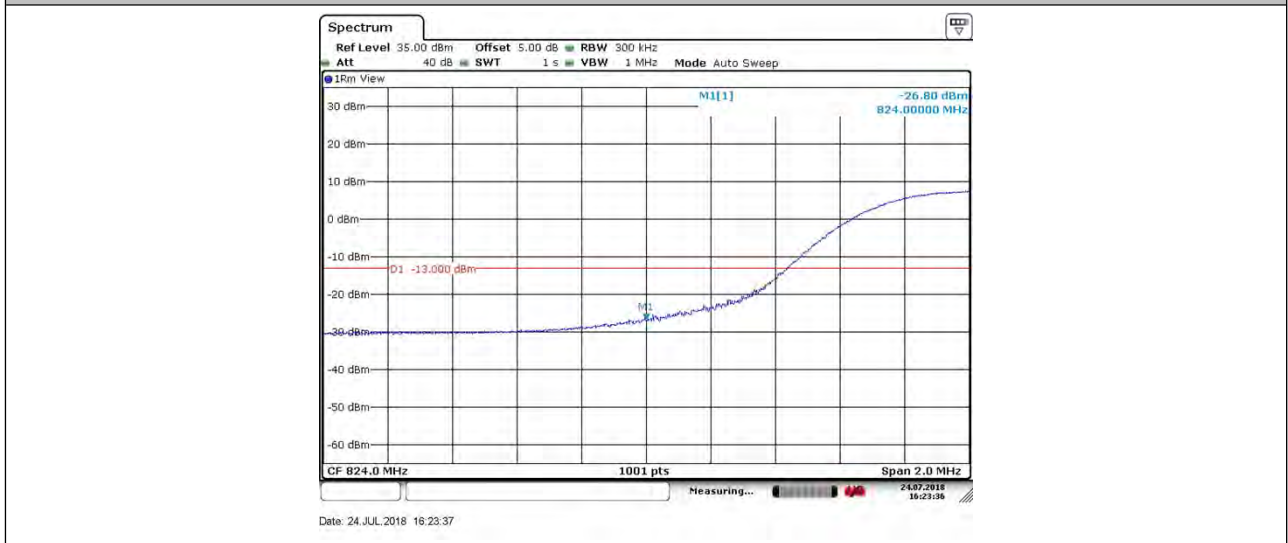
BAND26_10MHz_16QAM_26990_50RB#0



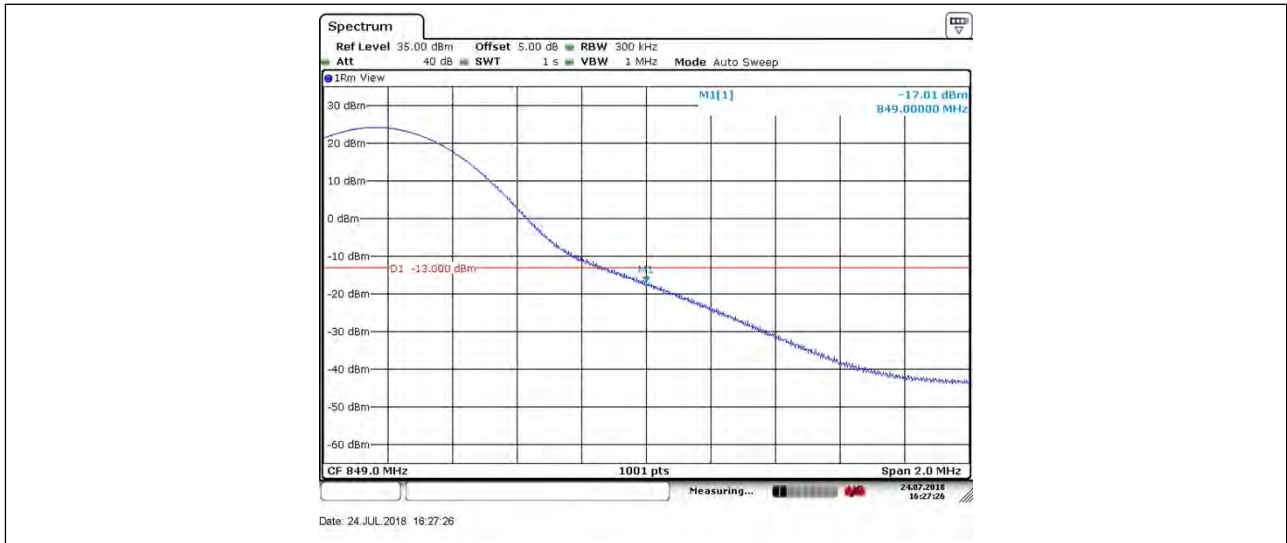
BAND26_15MHz_QPSK_26865_1RB#0



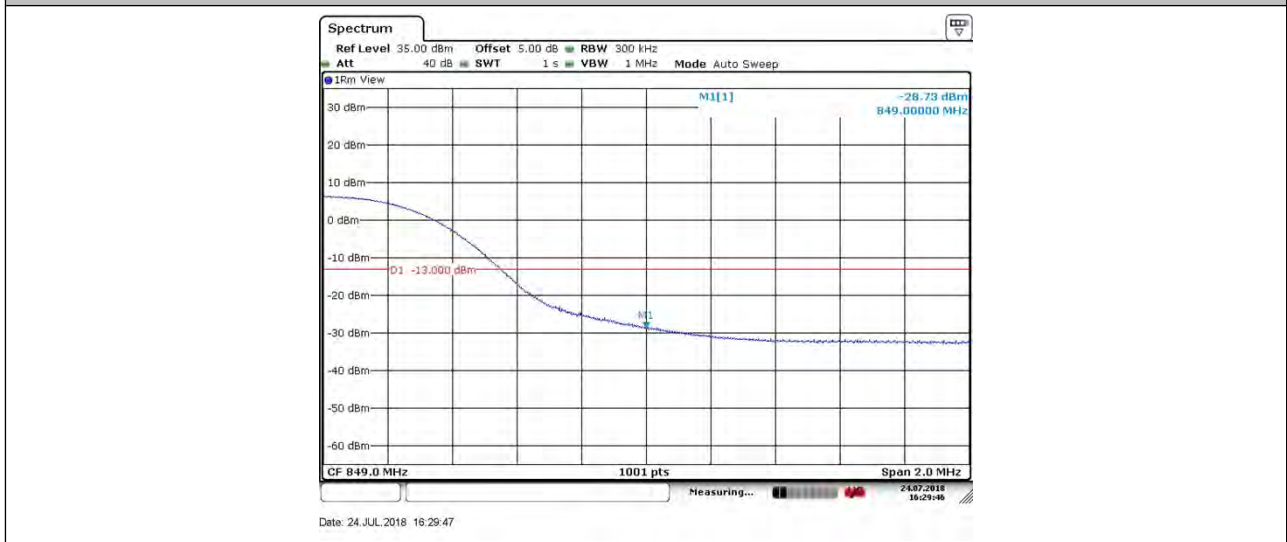
BAND26_15MHz_QPSK_26865_75RB#0



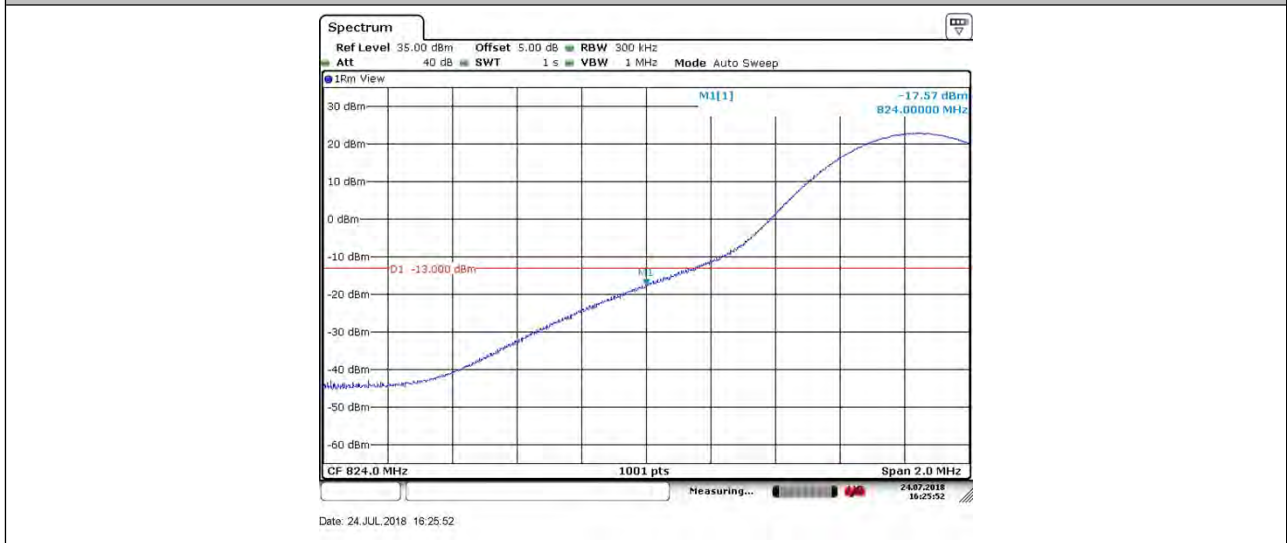
BAND26_15MHz_QPSK_26965_1RB#74



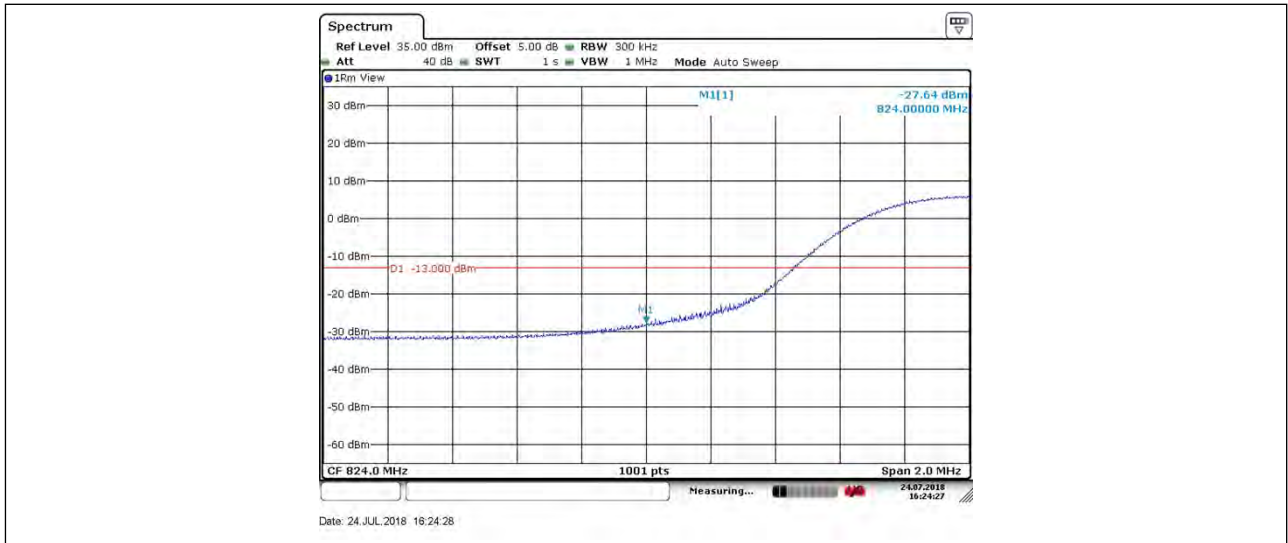
BAND26_15MHz_QPSK_26965_75RB#0



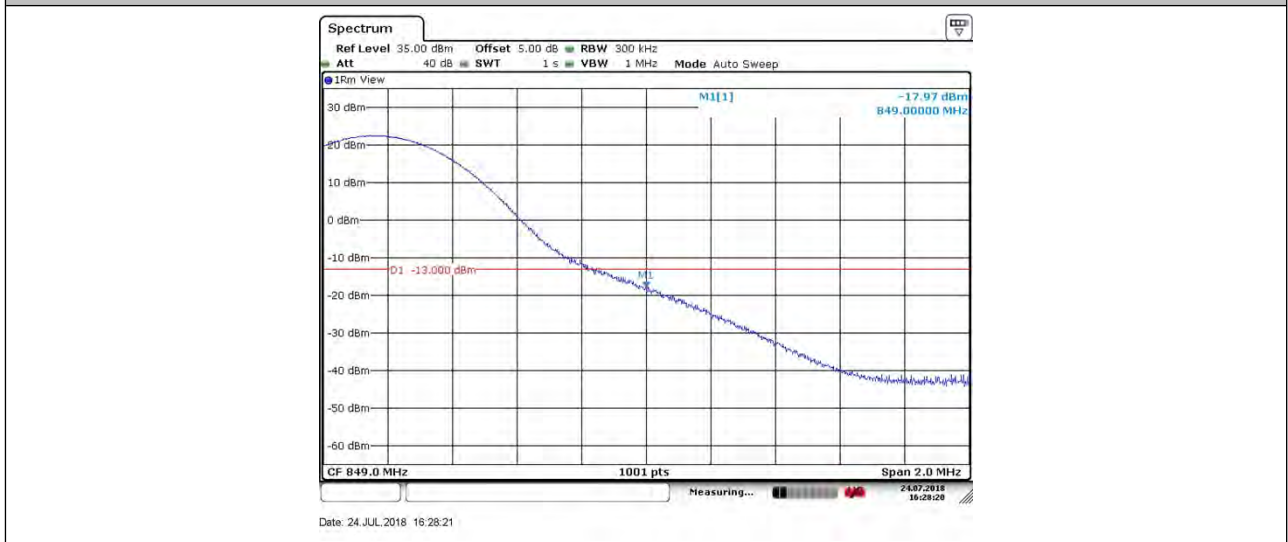
BAND26_15MHz_64QAM_26865_1RB#0



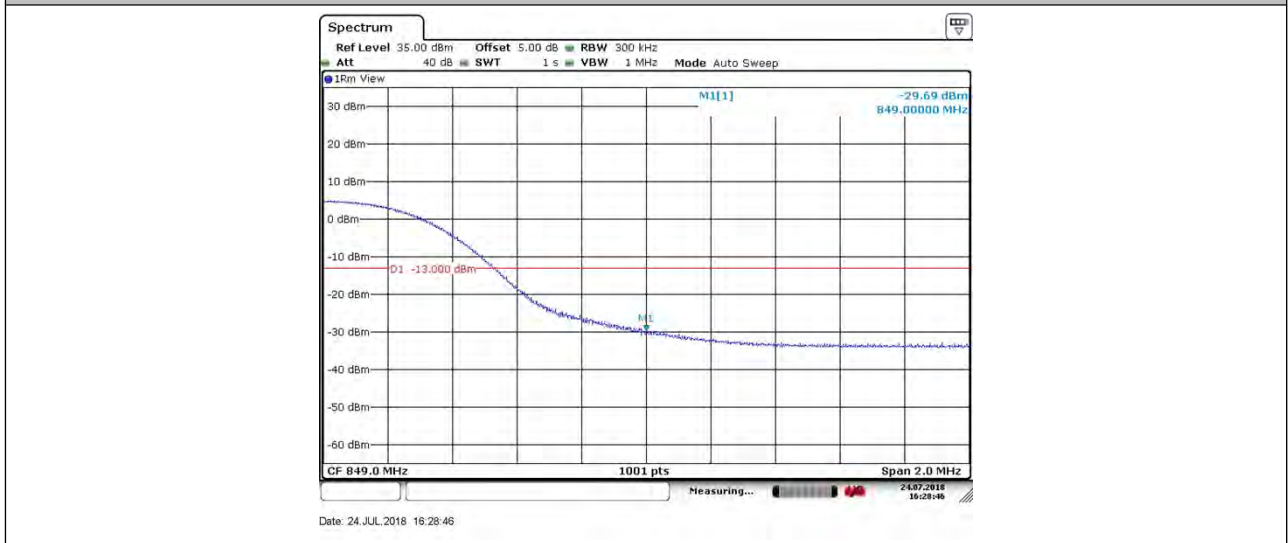
BAND26_15MHz_64QAM_26865_75RB#0



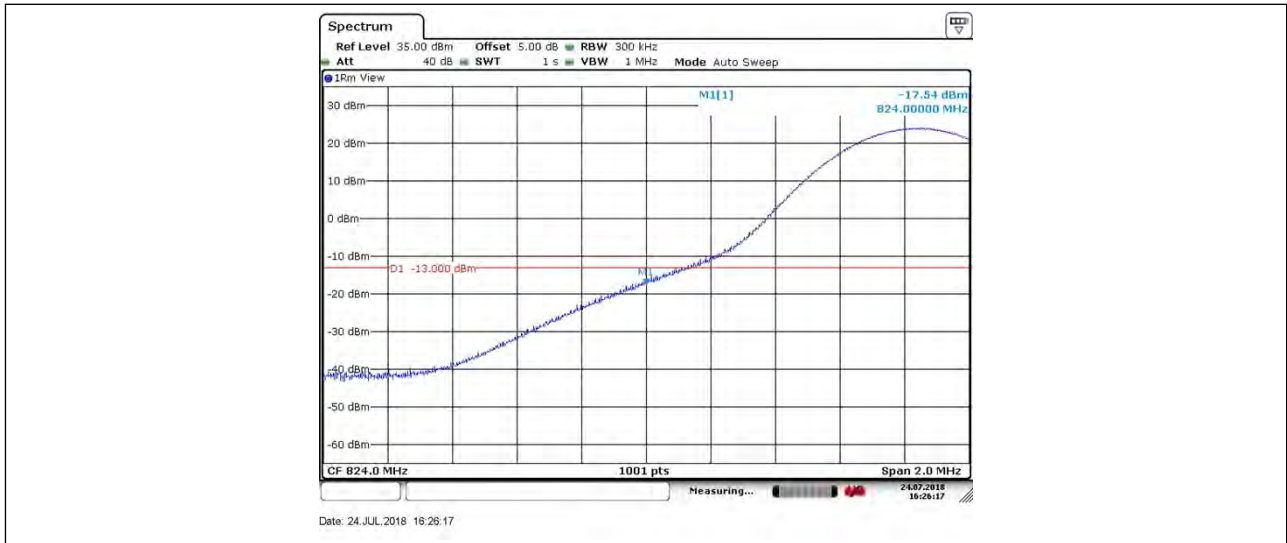
BAND26_15MHz_64QAM_26965_1RB#74



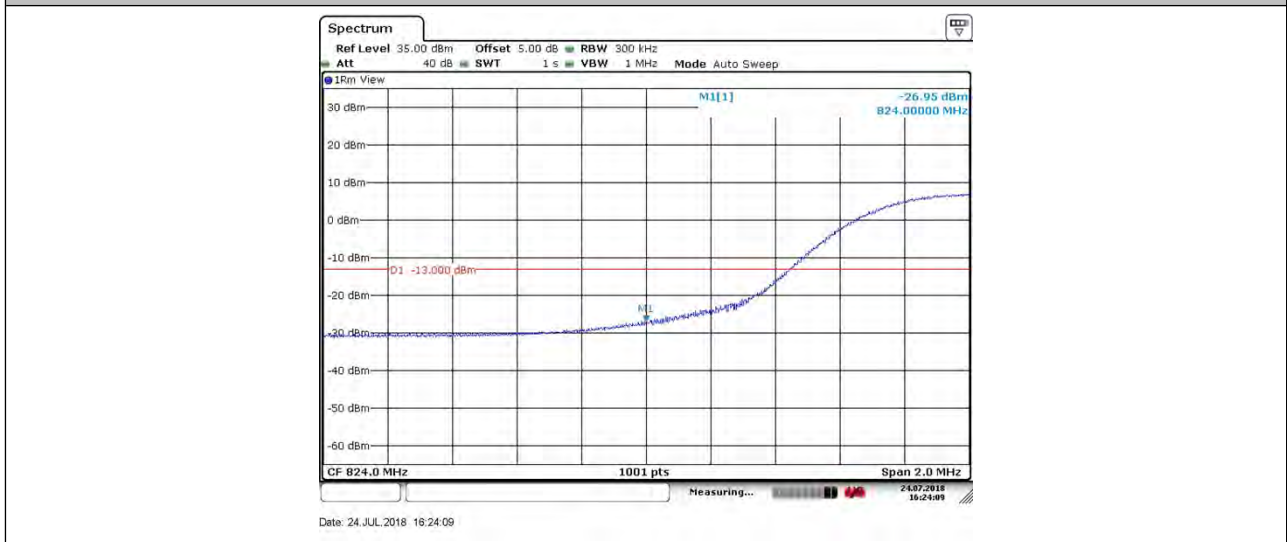
BAND26_15MHz_64QAM_26965_75RB#0



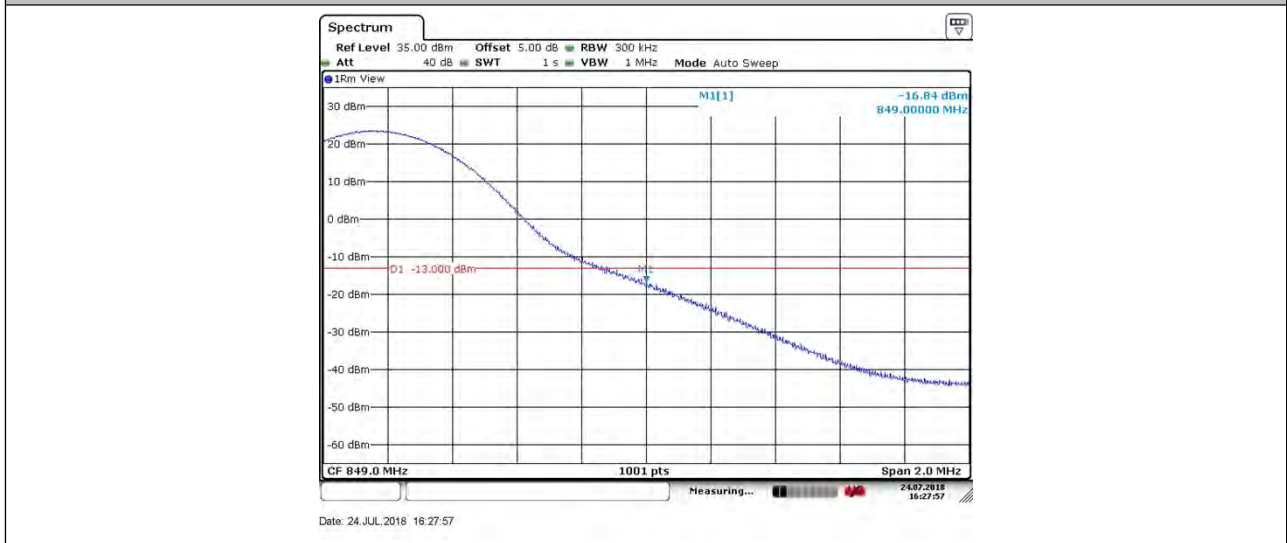
BAND26_15MHz_16QAM_26865_1RB#0



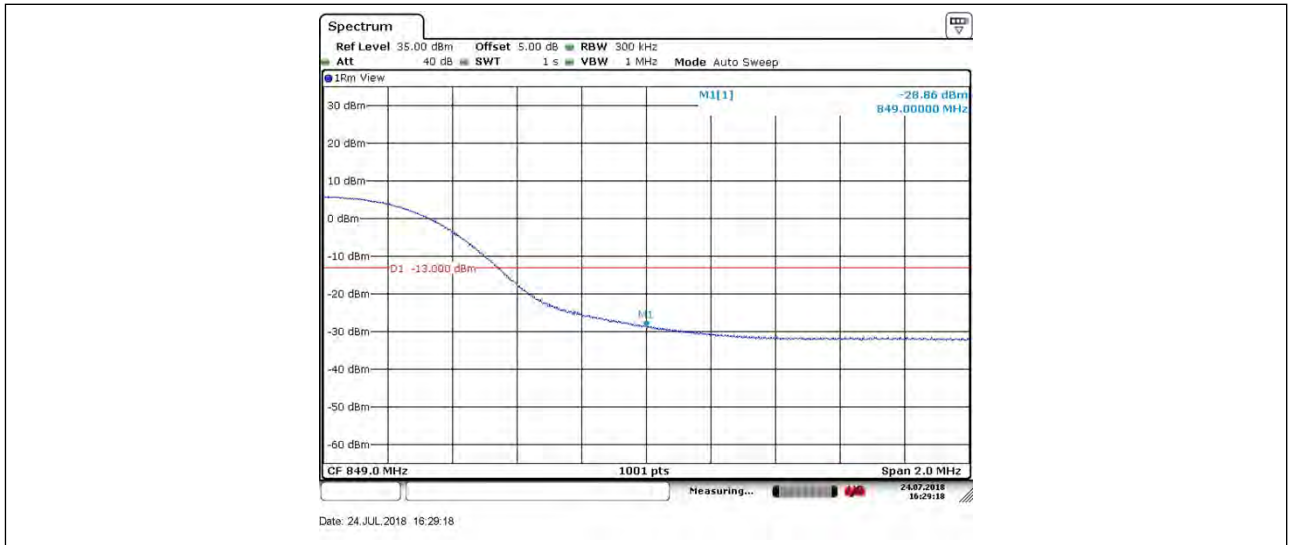
BAND26_15MHz_16QAM_26865_75RB#0



BAND26_15MHz_16QAM_26965_1RB#74



BAND26_15MHz_16QAM_26965_75RB#0



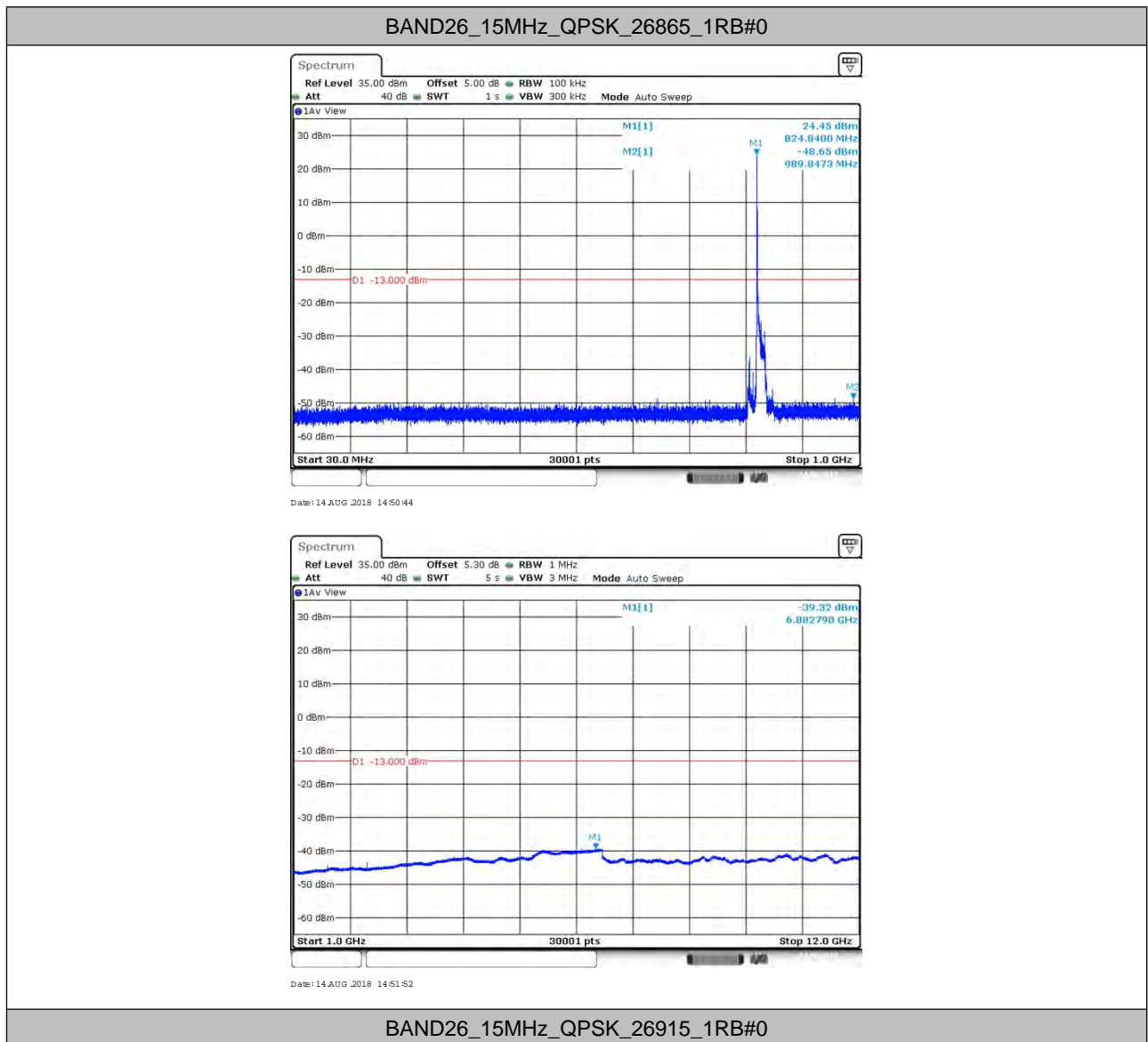


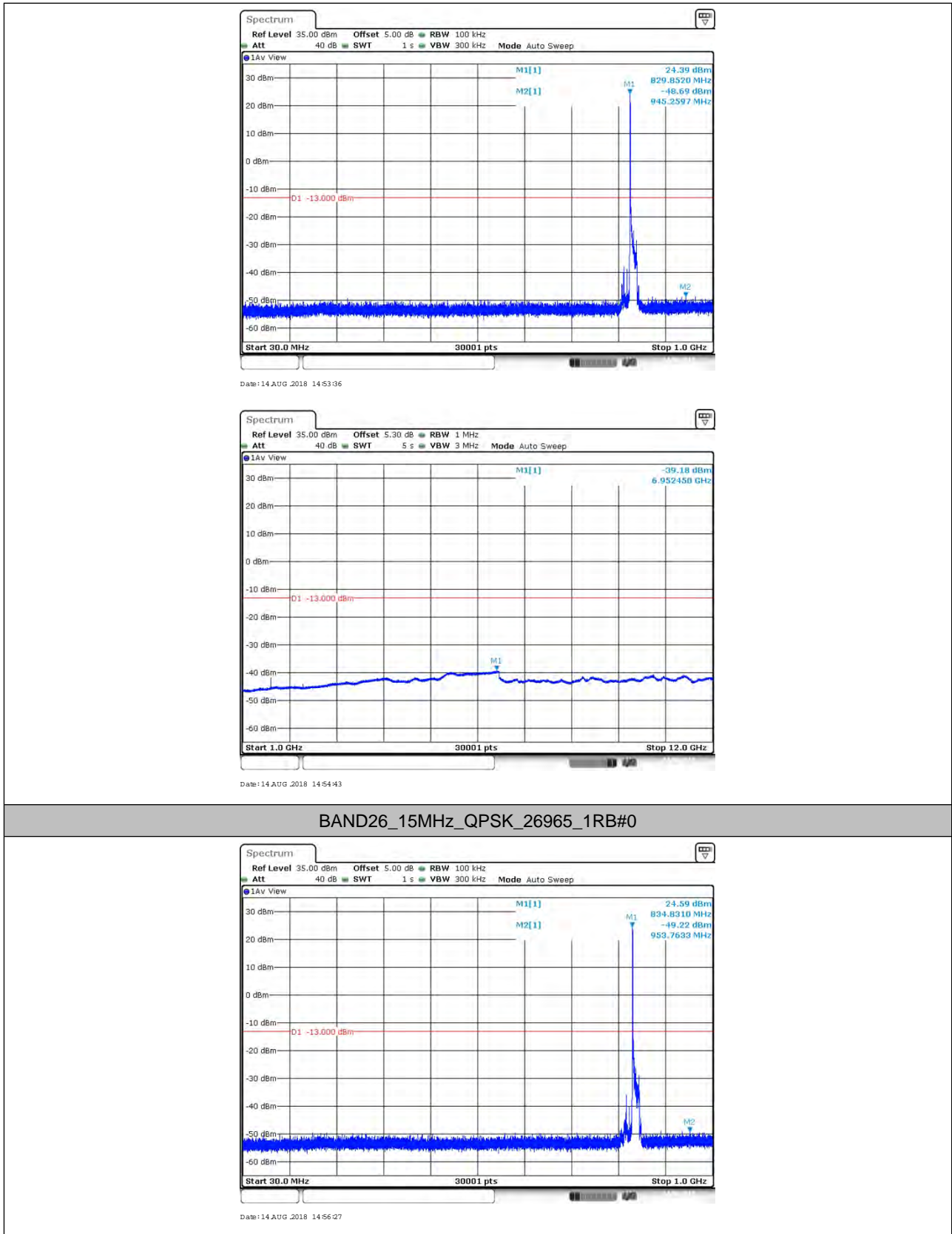
6. Spurious Emission at Antenna Terminal

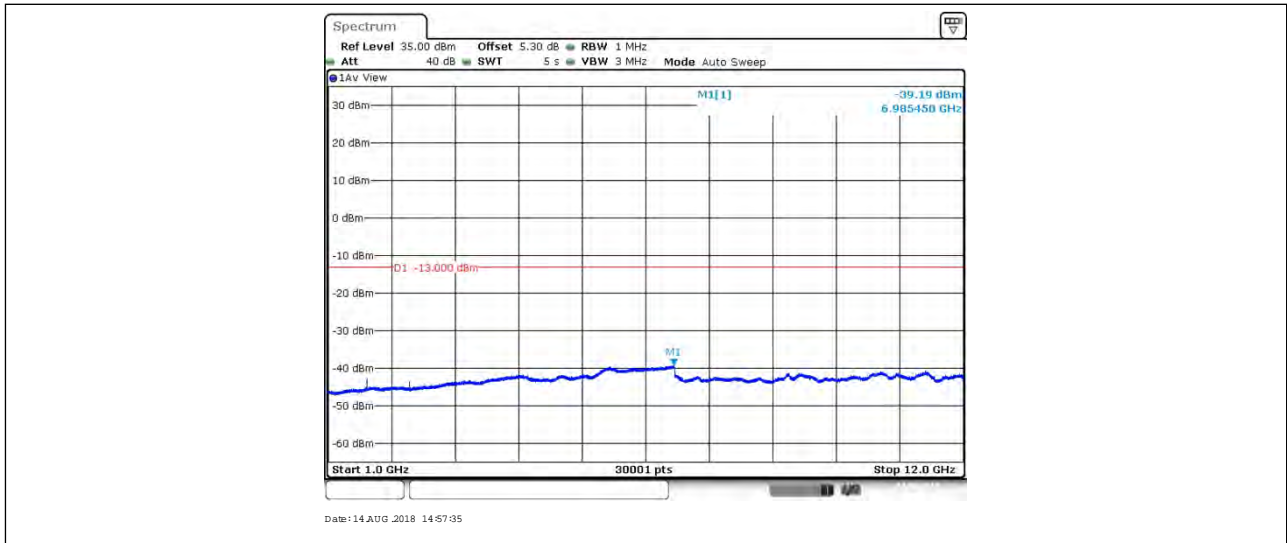
NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k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

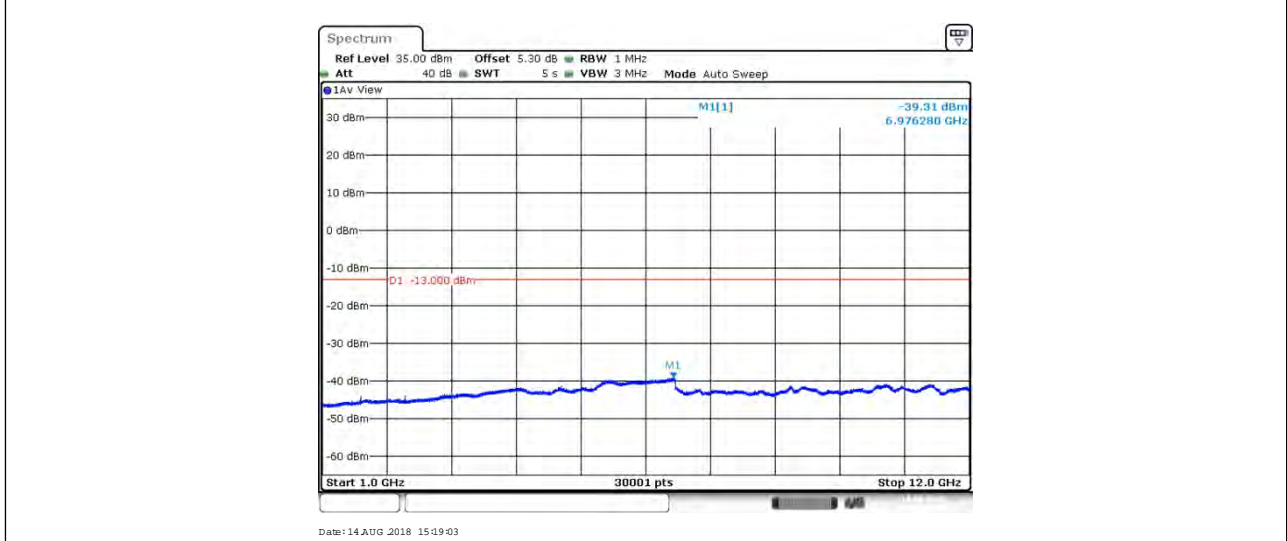
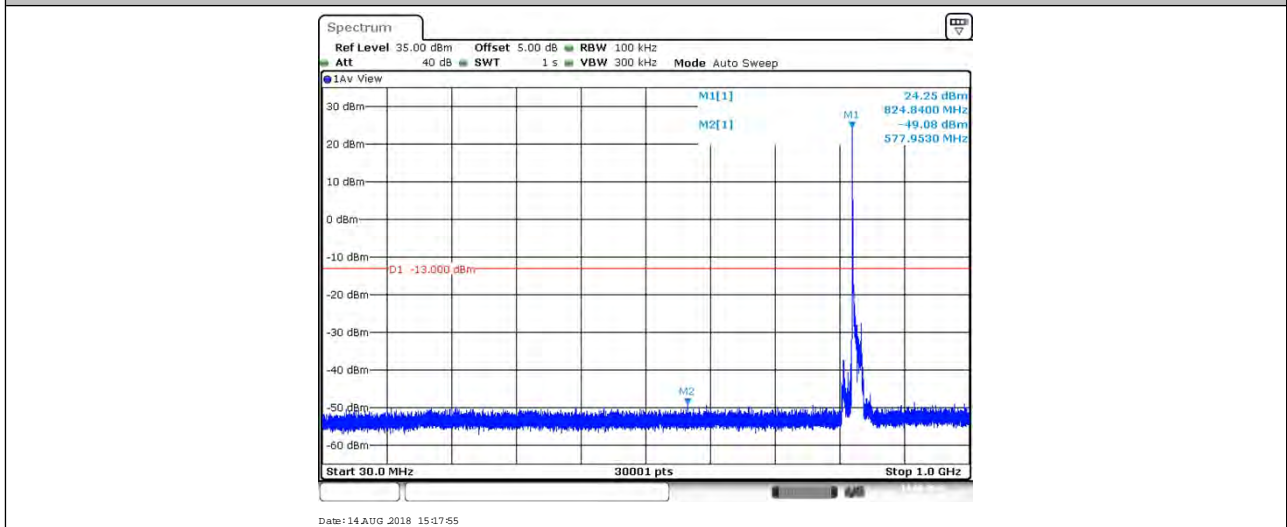
6.1. Test Plots



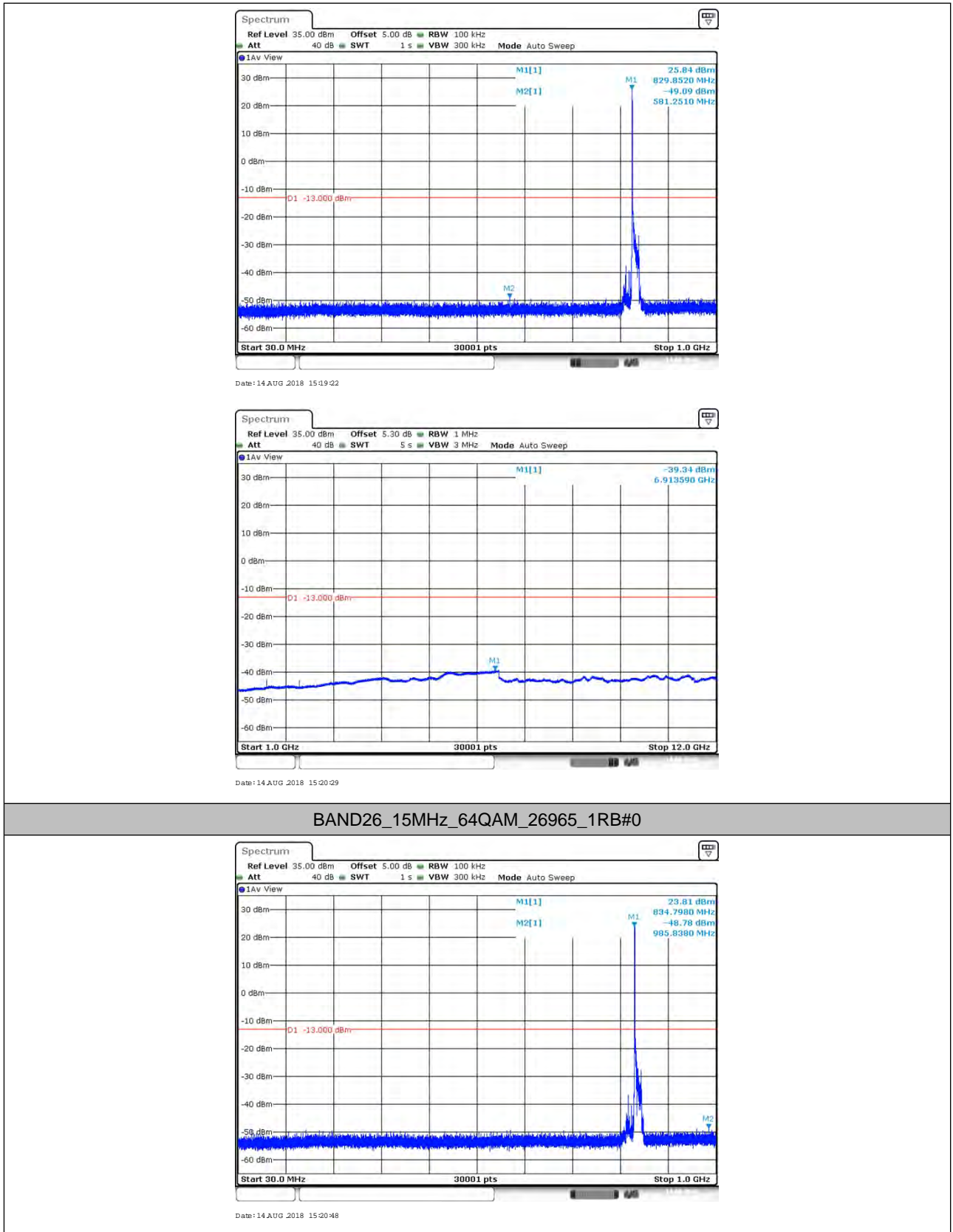


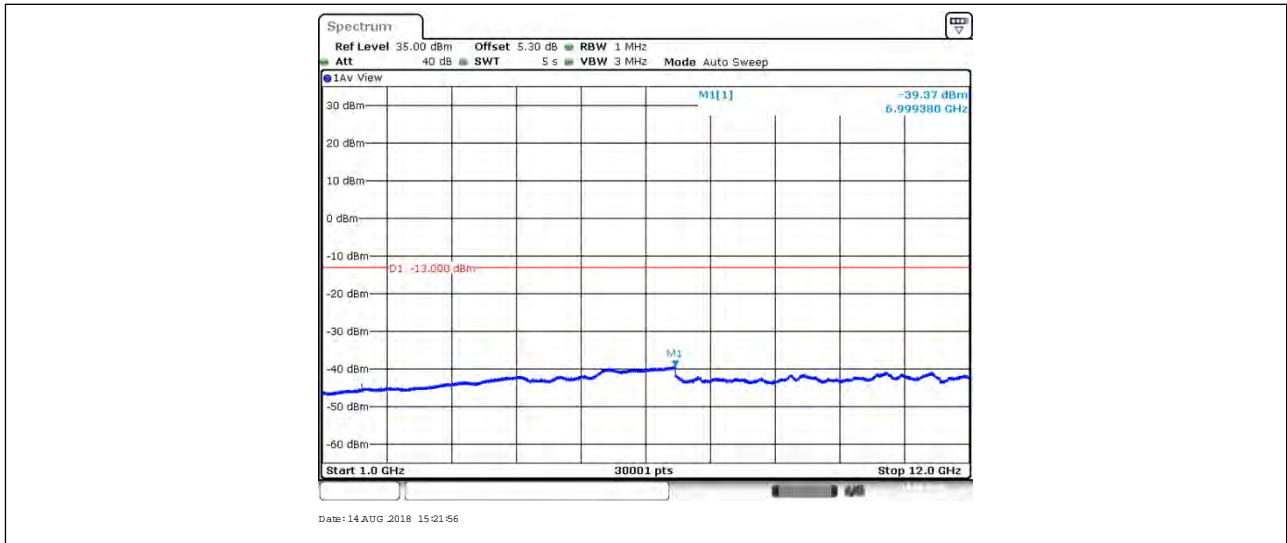


BAND26_15MHz_64QAM_26865_1RB#0

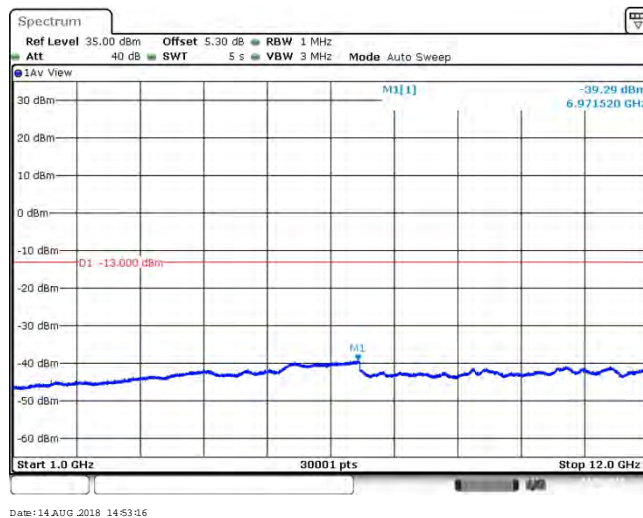
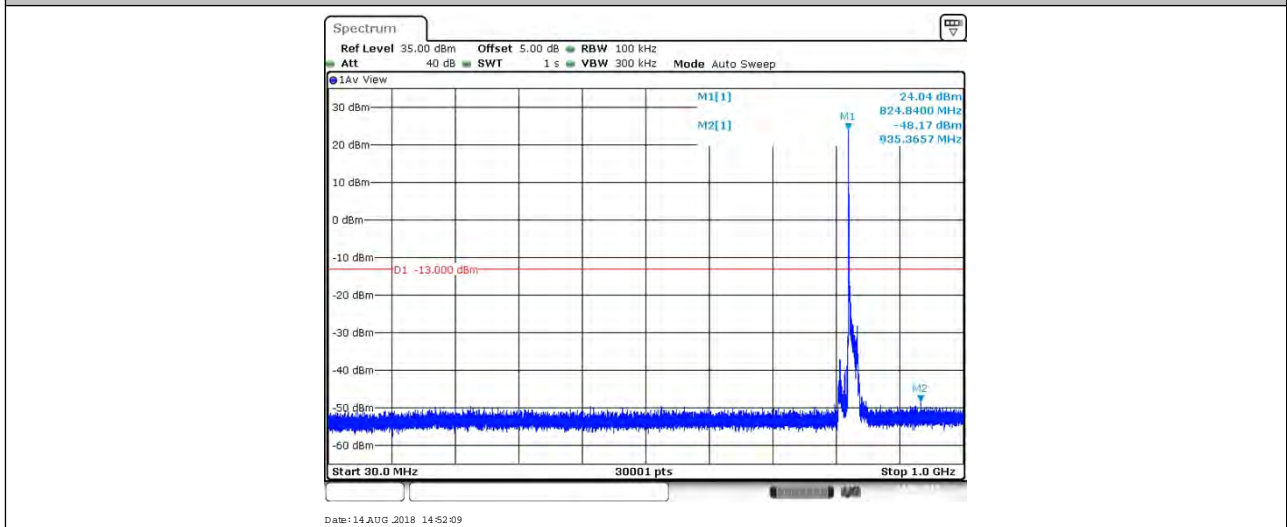


BAND26_15MHz_64QAM_26915_1RB#0

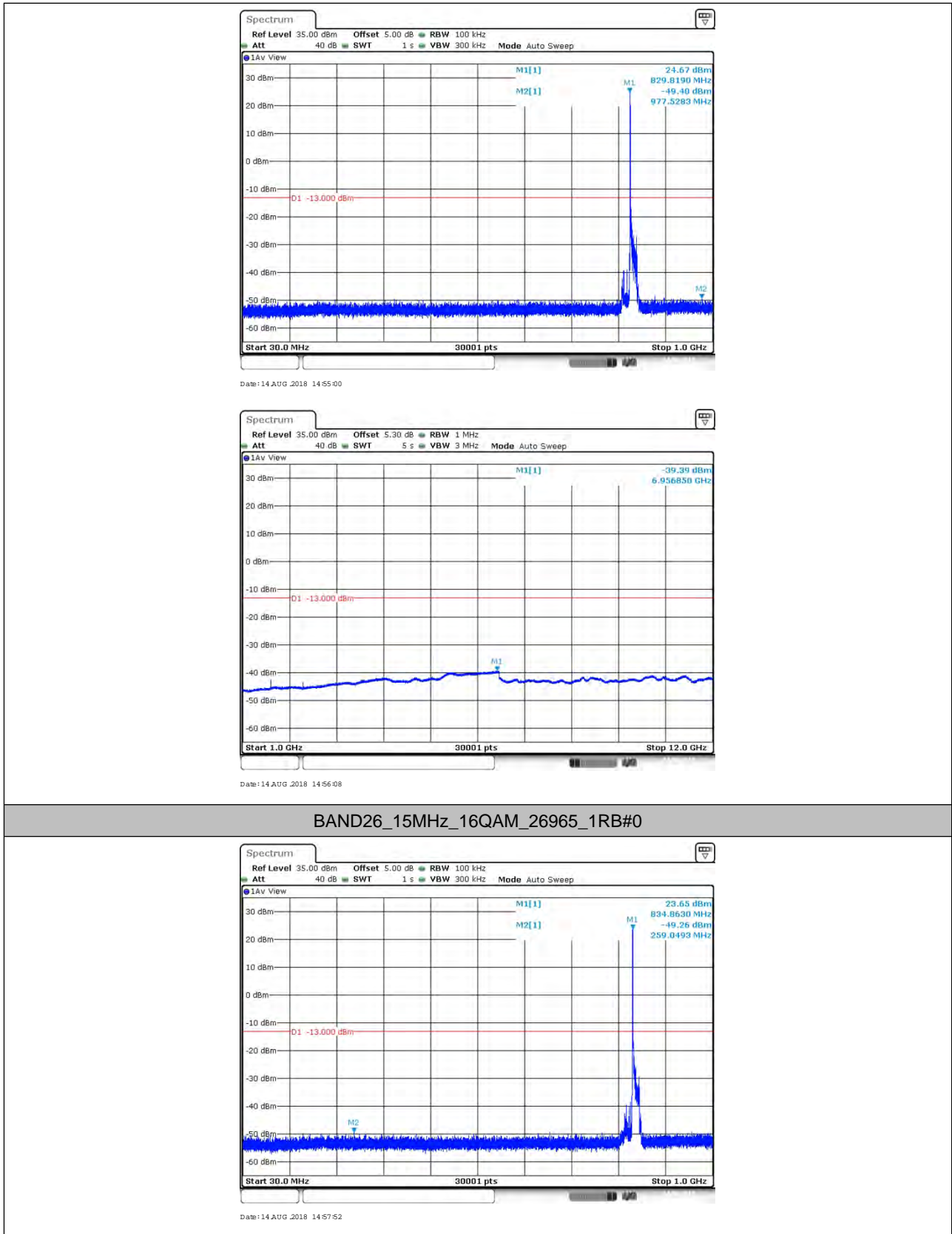




BAND26_15MHz_16QAM_26865_1RB#0



BAND26_15MHz_16QAM_26915_1RB#0



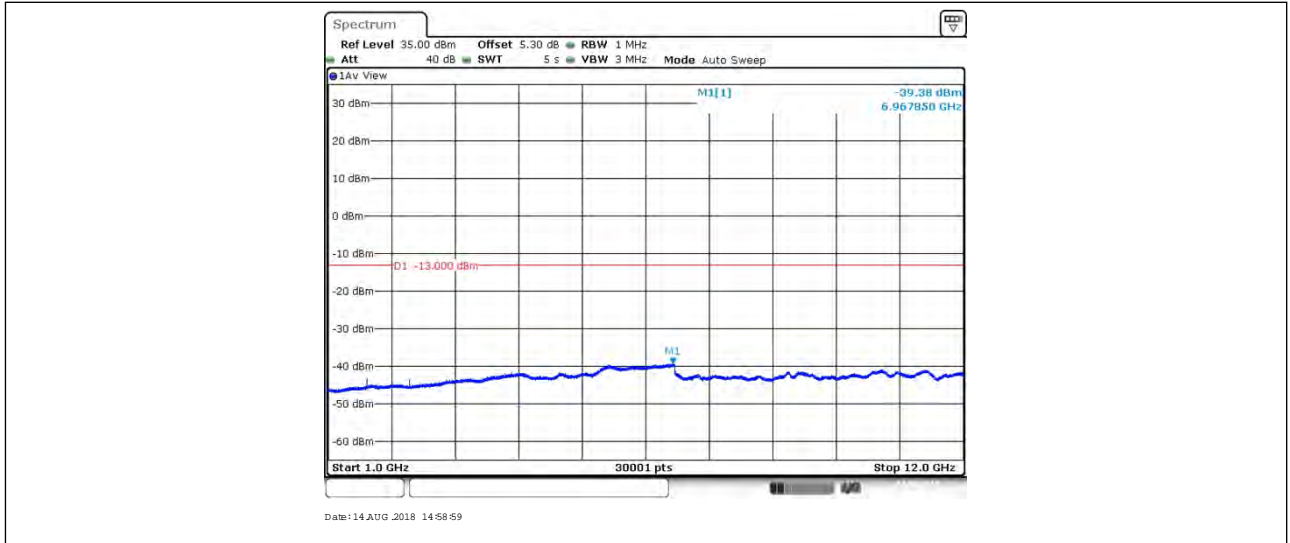
BAND26_15MHz_16QAM_26965_1RB#0



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

Report No.: SZEM180700654901

Page: 63 of 77



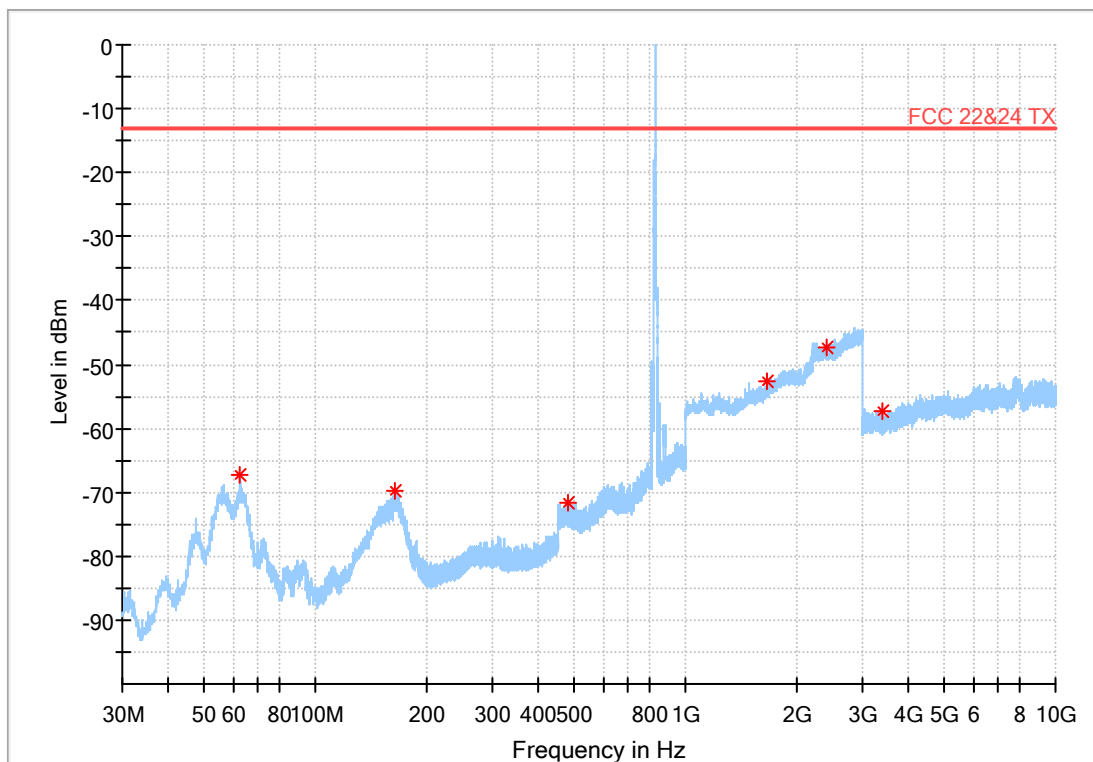
7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE BAND 26-Main Antenna

7.1.1. Test Mode =LTE/TM1 15MHz RB1#0

7.1.1.1. Test Channel = LCH_H

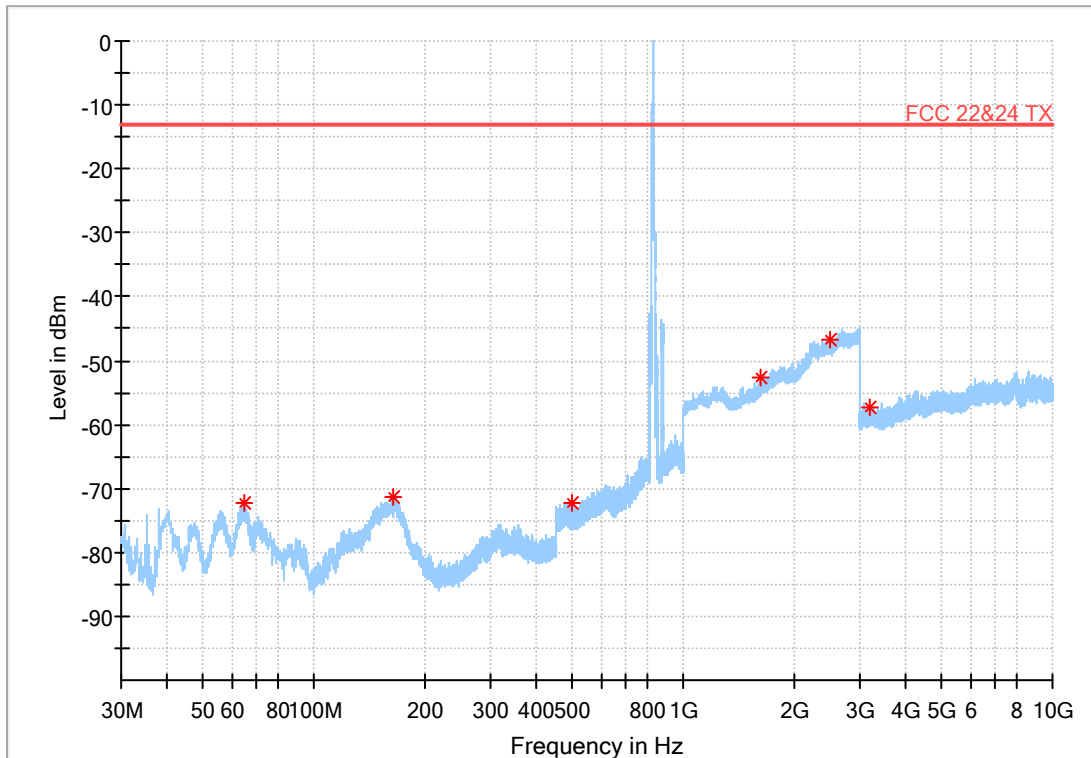
Full Spectrum





7.1.1.2. Test Channel = LCH_V

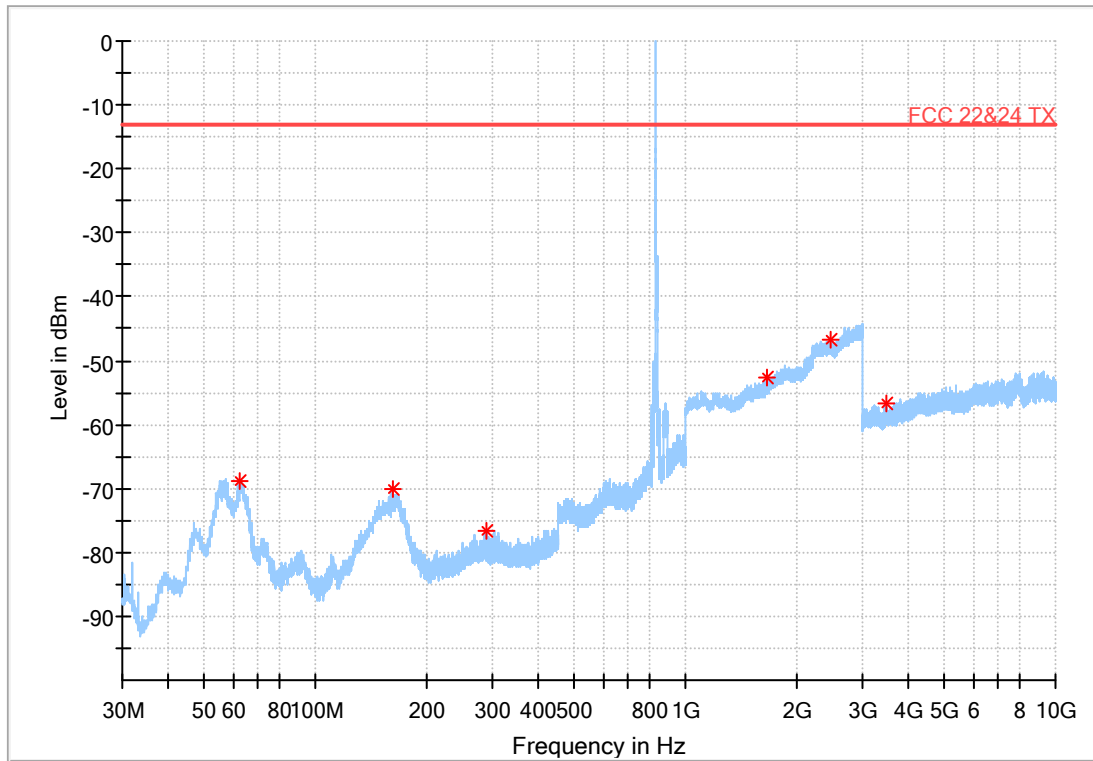
Full Spectrum





7.1.1.3. Test Channel = MCH_H

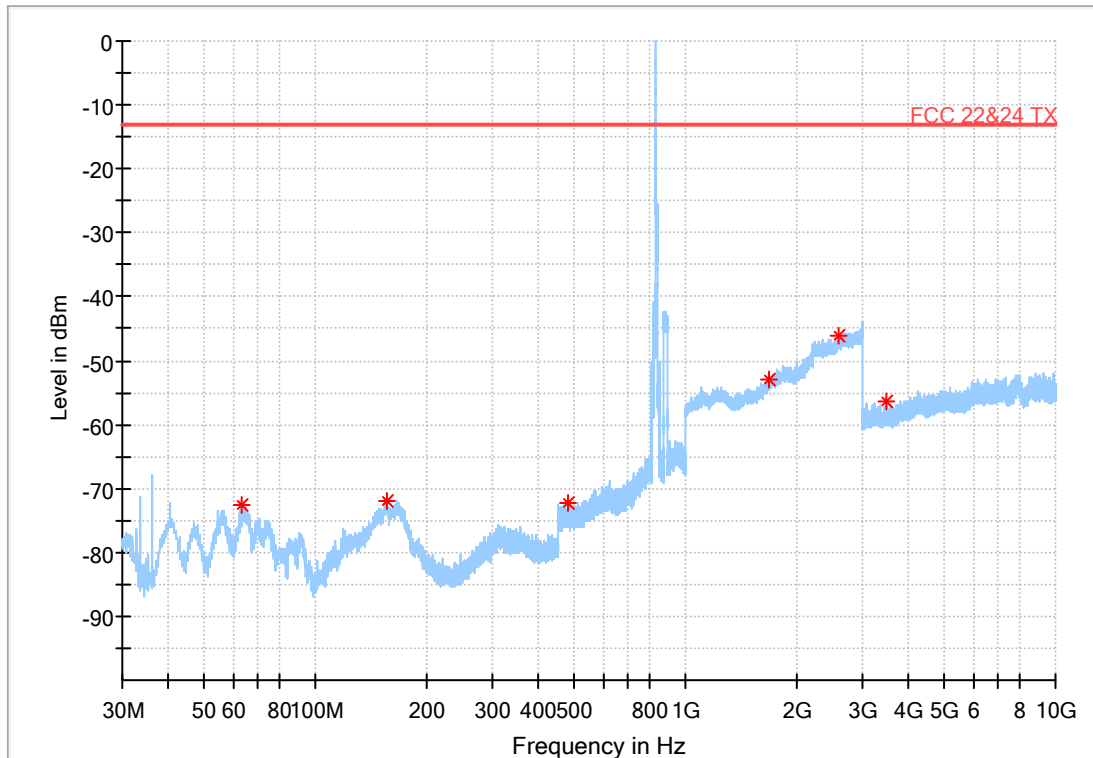
Full Spectrum





7.1.1.4. Test Channel = MCH_V

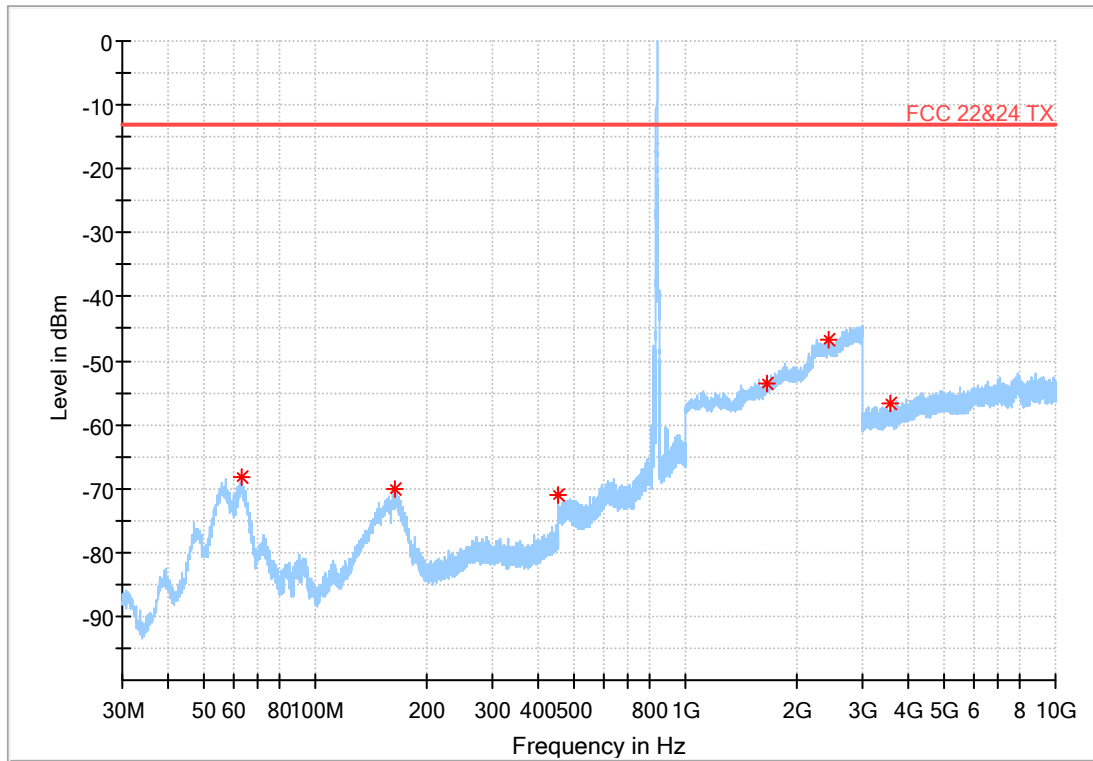
Full Spectrum





7.1.1.5. Test Channel = HCH_H

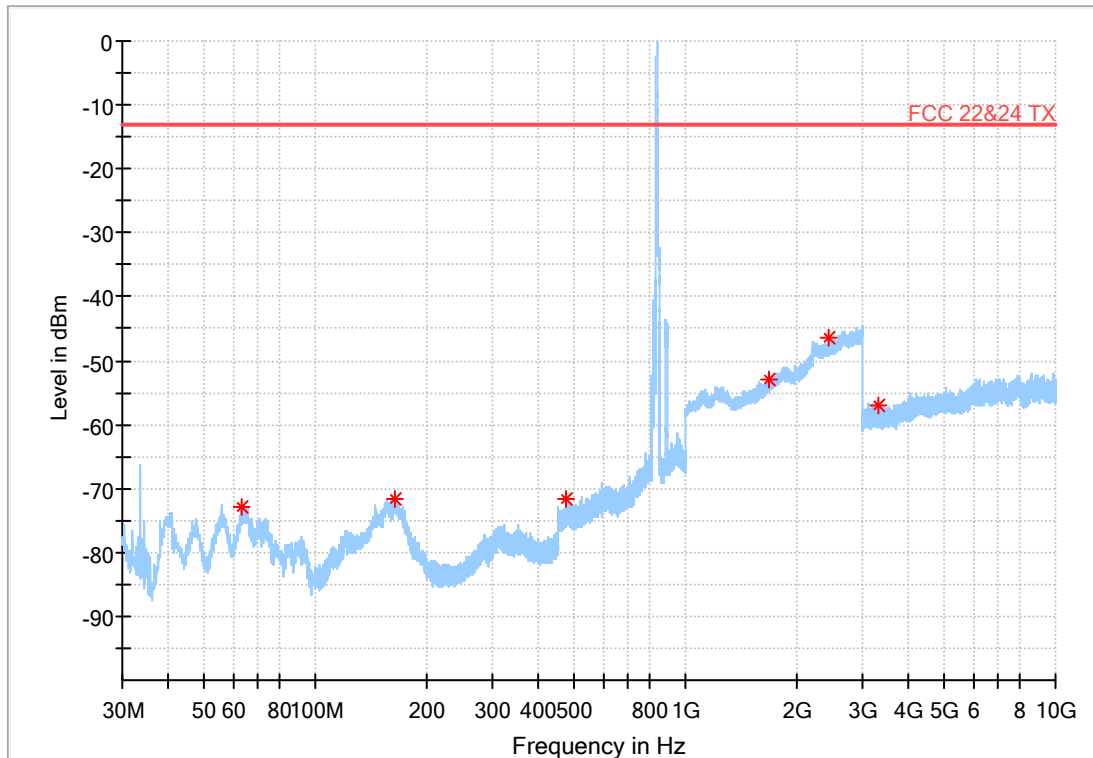
Full Spectrum





7.1.1.6. Test Channel = HCH_V

Full Spectrum



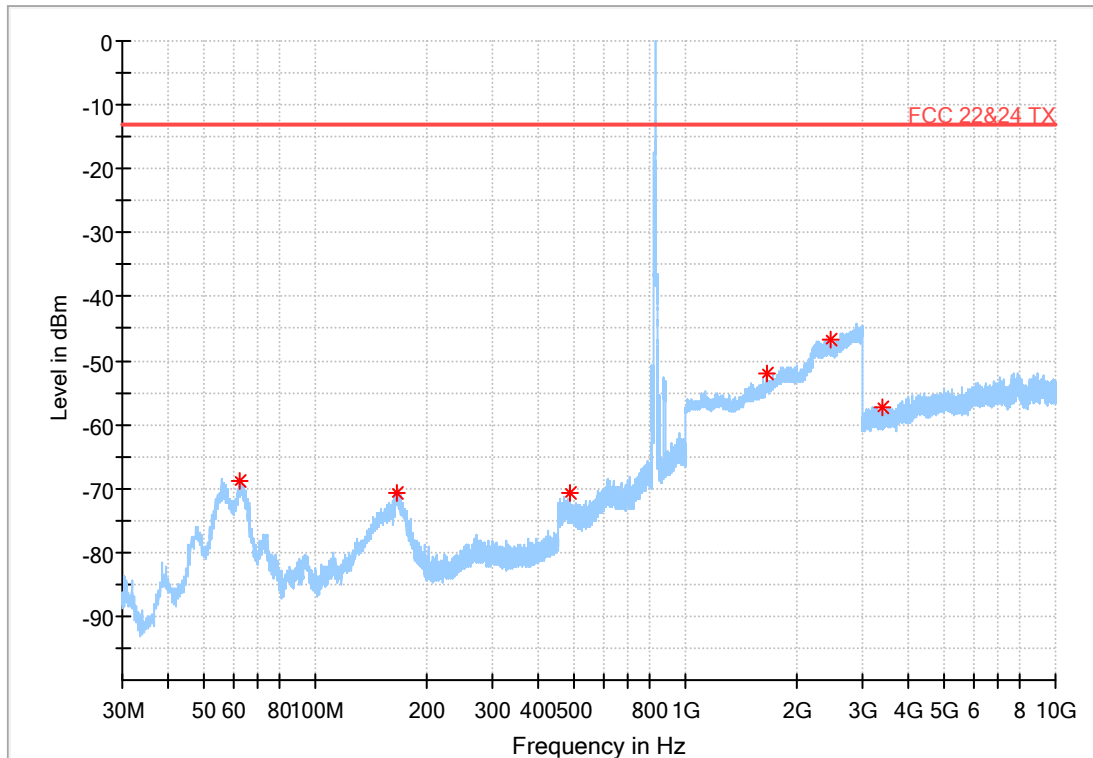


7.2. Test BAND = LTE BAND 26-Second Antenna

7.2.1. Test Mode =LTE/TM1 15MHz RB1#0

7.2.1.1. Test Channel = LCH_H

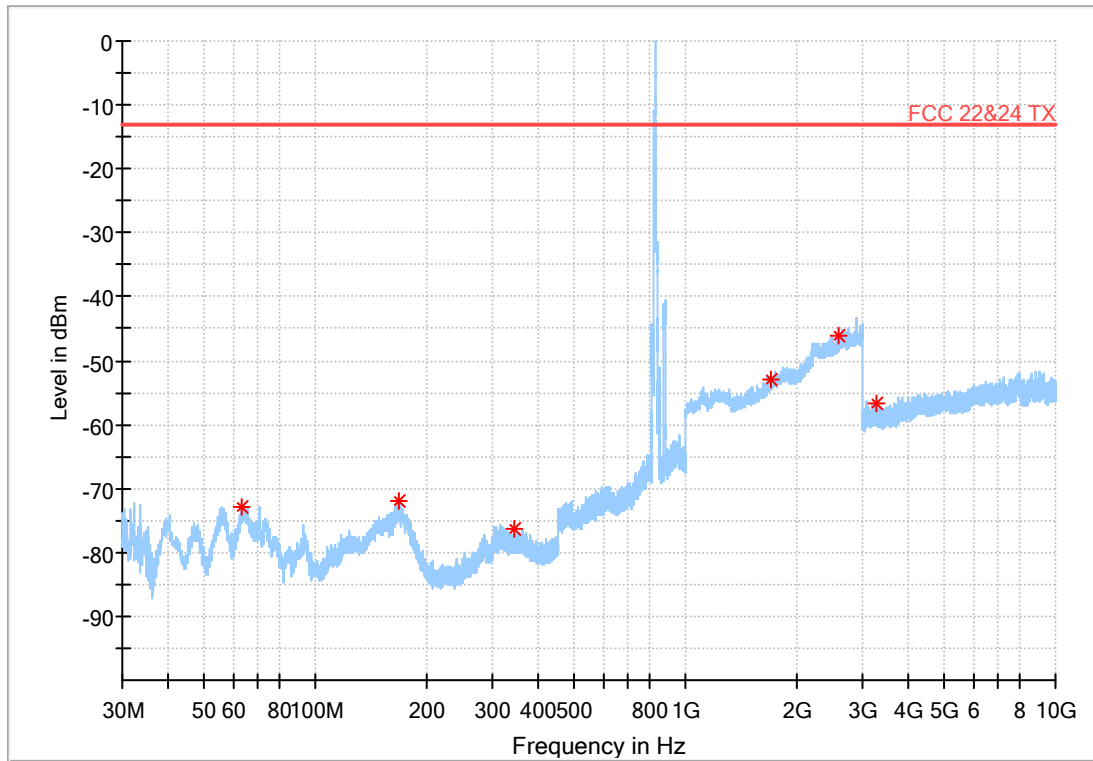
Full Spectrum





7.2.1.2. Test Channel = LCH_V

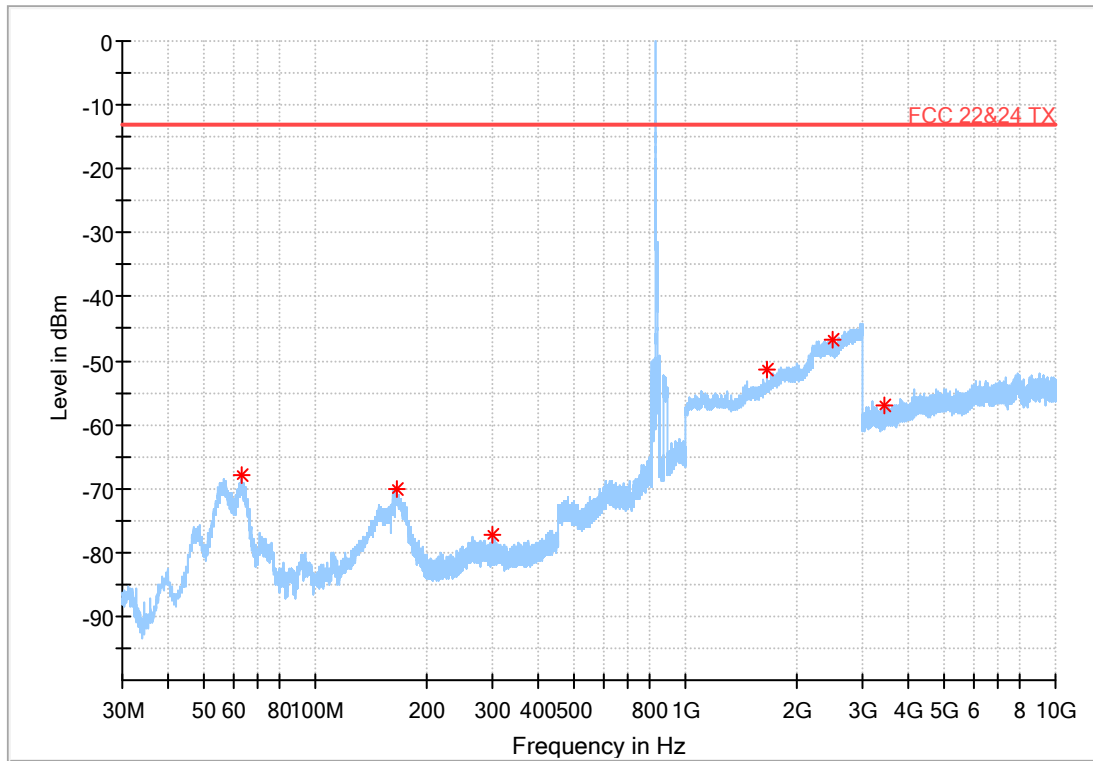
Full Spectrum





7.2.1.3. Test Channel = MCH_H

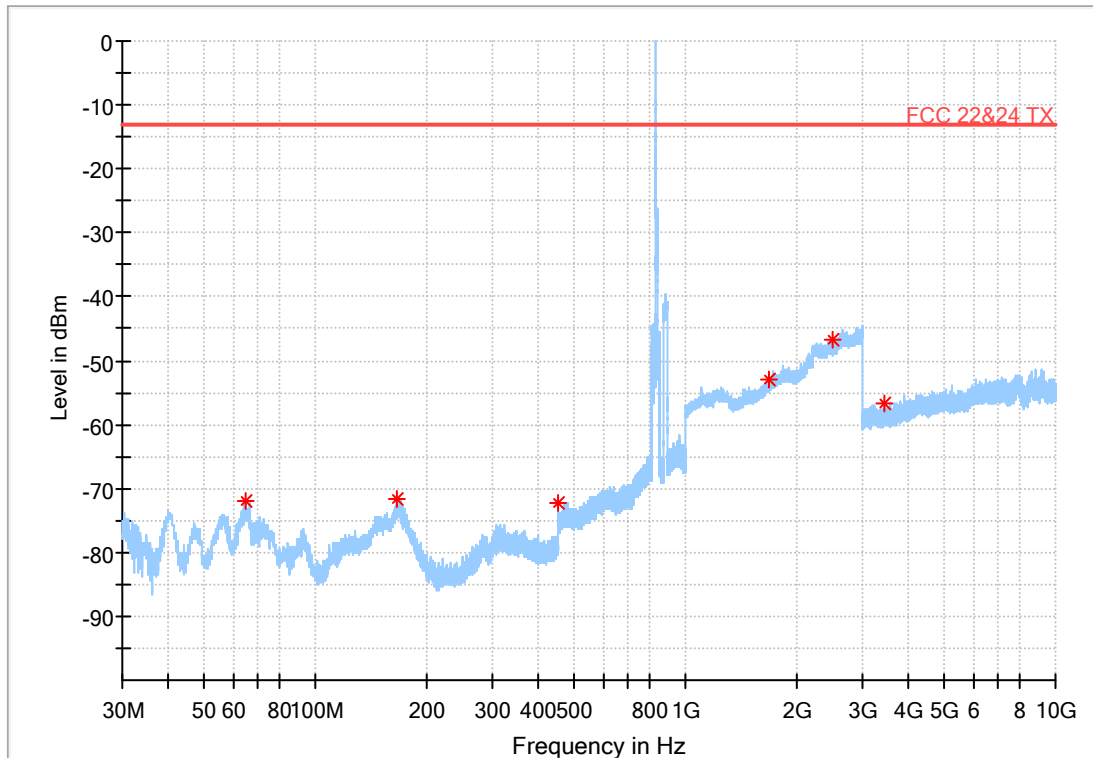
Full Spectrum





7.2.1.4. Test Channel = MCH_V

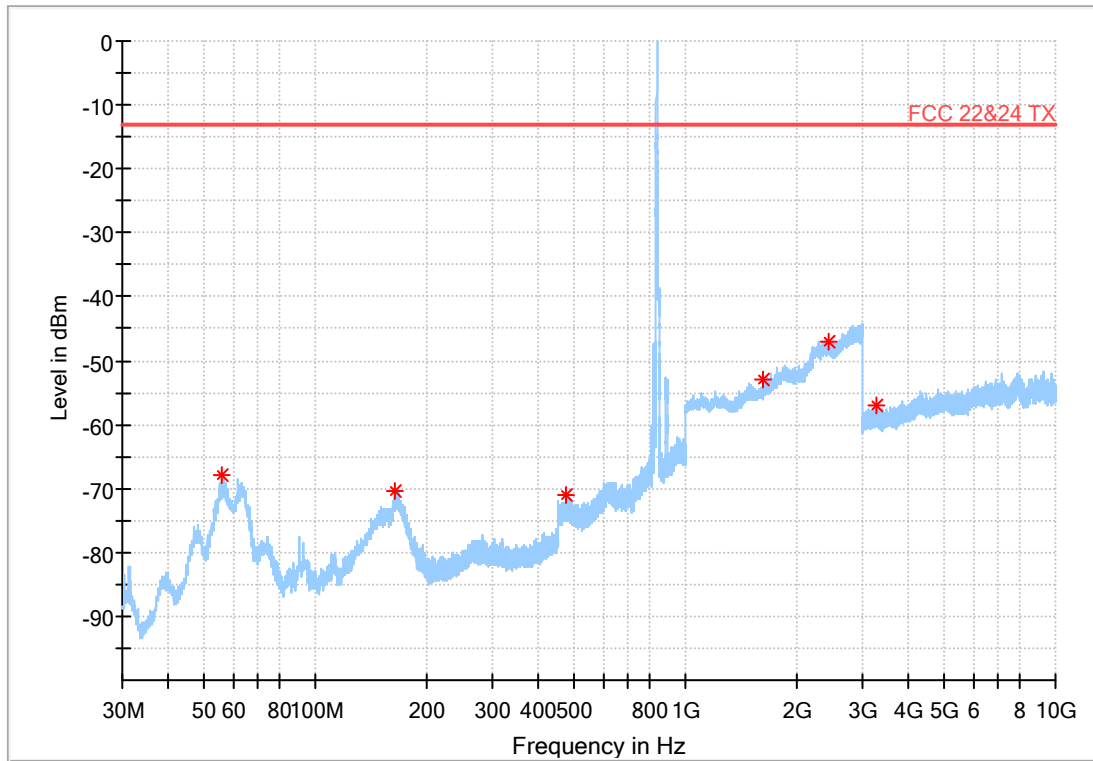
Full Spectrum





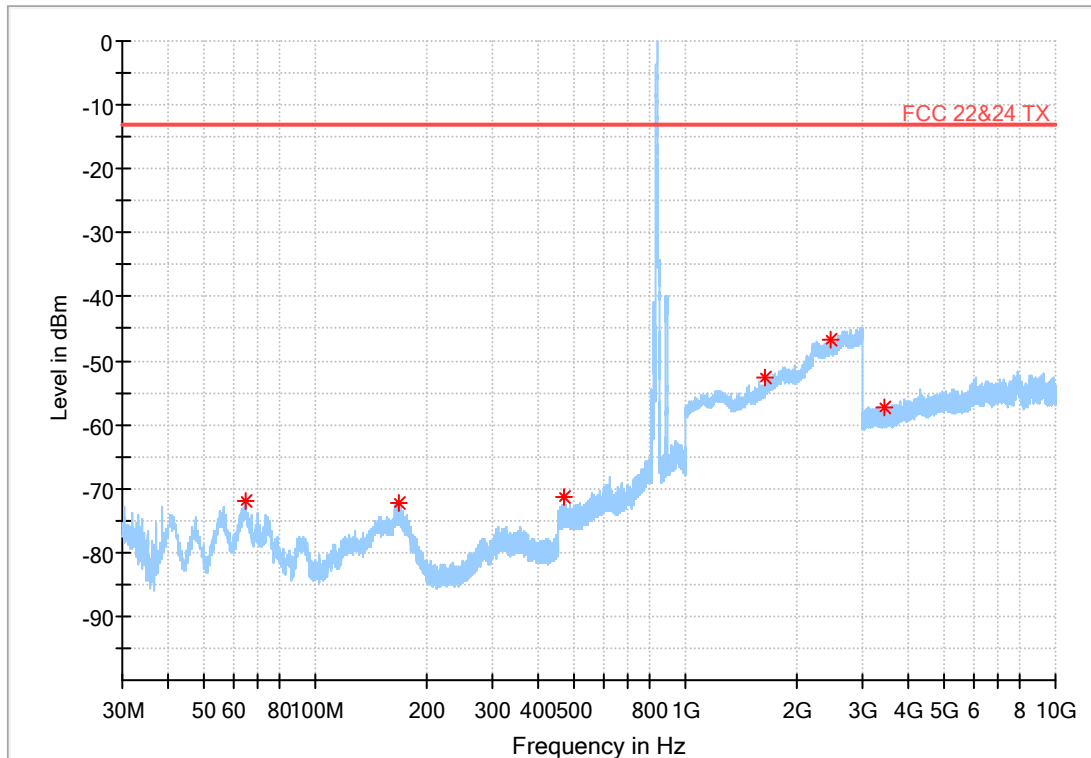
7.2.1.5. Test Channel = HCH_H

Full Spectrum



7.2.1.6. Test Channel = HCH_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 | 15MHz | QPSK | 26865 | 75RB#0 | VL | NT | 1.40 | 0.001689 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | VN | NT | 0.80 | 0.000965 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | VH | NT | 0.50 | 0.000603 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | VL | NT | -0.30 | -0.000359 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | VN | NT | 0.70 | 0.000837 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | VH | NT | 0.60 | 0.000717 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | VL | NT | -1.10 | -0.001303 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | VN | NT | -0.40 | -0.000474 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | VH | NT | -1.40 | -0.001659 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | VL | NT | 8.50 | 0.010253 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | VN | NT | 1.70 | 0.002051 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | VH | NT | 4.00 | 0.004825 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | VL | NT | 0.40 | 0.000478 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | VN | NT | -0.20 | -0.000239 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | VH | NT | -0.20 | -0.000239 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | VL | NT | -0.80 | -0.000948 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | VN | NT | -0.90 | -0.001066 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | VH | NT | -1.40 | -0.001659 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | VL | NT | 1.30 | 0.001568 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | VN | NT | 1.10 | 0.001327 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | VH | NT | 0.80 | 0.000965 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | VL | NT | 0.00 | 0.000000 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | VN | NT | -0.30 | -0.000359 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | VH | NT | 0.00 | 0.000000 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | VL | NT | -0.80 | -0.000948 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | VN | NT | -1.50 | -0.001777 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | VH | NT | -1.40 | -0.001659 | ±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 | 15MHz | QPSK | 26865 | 75RB#0 | NV | -30 | 0.90 | 0.001086 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | -20 | 1.20 | 0.001448 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 0 | 1.40 | 0.001689 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 10 | 1.20 | 0.001448 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26865 | 75RB#0 | NV | 20 | 1.20 | 0.001448 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | -30 | 0.10 | 0.000120 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | -20 | 0.40 | 0.000478 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 0 | 1.00 | 0.001195 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 10 | 0.90 | 0.001076 | ±2.5 | PASS |

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



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

Report No.: SZEM180700654901

Page: 77 of 77

| | | | | | | | | | | |
|--------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| BAND26 | 15MHz | QPSK | 26915 | 75RB#0 | NV | 20 | 0.00 | 0.000000 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | -30 | -1.00 | -0.001185 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | -20 | -1.00 | -0.001185 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 0 | -1.10 | -0.001303 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 10 | -1.60 | -0.001896 | ±2.5 | PASS |
| BAND26 | 15MHz | QPSK | 26965 | 75RB#0 | NV | 20 | -0.90 | -0.001066 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | NV | -30 | 7.20 | 0.008685 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | NV | -20 | 5.00 | 0.006031 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | NV | 0 | 8.10 | 0.009771 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | NV | 10 | 7.20 | 0.008685 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26865 | 75RB#0 | NV | 20 | 9.30 | 0.011218 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | NV | -30 | 0.80 | 0.000956 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | NV | -20 | -0.10 | -0.000120 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | NV | 0 | 0.70 | 0.000837 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | NV | 10 | 0.00 | 0.000000 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26915 | 75RB#0 | NV | 20 | 0.40 | 0.000478 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | NV | -30 | -1.10 | -0.001303 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | NV | -20 | -1.20 | -0.001422 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | NV | 0 | -1.70 | -0.002014 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | NV | 10 | -1.30 | -0.001540 | ±2.5 | PASS |
| BAND26 | 15MHz | 64QAM | 26965 | 75RB#0 | NV | 20 | -1.20 | -0.001422 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | -30 | 1.00 | 0.001206 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | -20 | 0.80 | 0.000965 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 0 | 0.90 | 0.001086 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 10 | 1.30 | 0.001568 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26865 | 75RB#0 | NV | 20 | 1.20 | 0.001448 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | -30 | -0.40 | -0.000478 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | -20 | 1.00 | 0.001195 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 0 | 0.10 | 0.000120 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 10 | 0.60 | 0.000717 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26915 | 75RB#0 | NV | 20 | -0.10 | -0.000120 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | -30 | -1.10 | -0.001303 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | -20 | -1.20 | -0.001422 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 0 | -1.10 | -0.001303 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 10 | -1.10 | -0.001303 | ±2.5 | PASS |
| BAND26 | 15MHz | 16QAM | 26965 | 75RB#0 | NV | 20 | -0.60 | -0.000711 | ±2.5 | PASS |

The End