



Appendix B

E-UTRA Band 5



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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

1.1. TEST RESULT 4

2. PEAK-TO-AVERAGE RATIO (CCDF)11

2.1. TEST RESULT 11

2.2. TEST PLOTS..... 11

3. MODULATION CHARACTERISTICS16

3.1. TEST MODE = LTE /TM1 10MHZ..... 16

3.1.1. TEST CHANNEL = MCH..... 16

3.2. TEST MODE = LTE /TM2 10MHZ..... 17

3.2.1. TEST CHANNEL = MCH..... 17

3.3. TEST MODE = LTE /TM3 10MHZ..... 18

3.3.1. TEST CHANNEL = MCH..... 18

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH19

4.1. TEST RESULT 19

4.2. TEST PLOTS..... 20

5. BAND EDGE COMPLIANCE39

5.1. TEST PLOTS..... 39

6. SPURIOUS EMISSION AT ANTENNA TERMINAL64

6.1. TEST PLOTS..... 64

7. FIELD STRENGTH OF SPURIOUS RADIATION74

7.1. TEST BAND = LTE_BAND=5 BW=20MHZ ANTO 74

7.1.1. Test Channel = Low Channel 74

7.2. TEST BAND = LTE_BAND=5 BW=20MHZ ANTO 75

7.2.1. Test Channel = Low Channel 75

7.3. TEST BAND = LTE_BAND=5 BW=20MHZ ANTO 76

7.3.1. Test Channel = Mid Channel 76

7.4. TEST BAND = LTE_BAND=5 BW=20MHZ ANTO 77

7.4.1. Test Channel = Mid Channel 77

7.5. TEST BAND = LTE_BAND=5 BW=20MHZ ANTO 78



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| | | |
|-----------|--|-----------|
| 7.5.1. | Test Channel = High Channel | 78 |
| 7.6. | TEST BAND = LTE_BAND=5 BW=20MHZ ANT0 | 79 |
| 7.6.1. | Test Channel = High Channel | 79 |
| 7.7. | TEST BAND = LTE_BAND=5 BW=20MHZ ANT4 | 80 |
| 7.7.1. | Test Channel = Low Channel | 80 |
| 7.8. | TEST BAND = LTE_BAND=5 BW=20MHZ ANT4 | 81 |
| 7.8.1. | Test Channel = Low Channel | 81 |
| 7.9. | TEST BAND = LTE_BAND=5 BW=20MHZ ANT4 | 82 |
| 7.9.1. | Test Channel = Mid Channel | 82 |
| 7.10. | TEST BAND = LTE_BAND=5 BW=20MHZ ANT4 | 83 |
| 7.10.1. | Test Channel = Mid Channel | 83 |
| 7.11. | TEST BAND = LTE_BAND=5 BW=20MHZ ANT4 | 84 |
| 7.11.1. | Test Channel = High Channel | 84 |
| 7.12. | TEST BAND = LTE_BAND=5 BW=20MHZ ANT4 | 85 |
| 7.12.1. | Test Channel = High Channel | 85 |
| 8. | FREQUENCY STABILITY | 86 |
| 8.1. | FREQUENCY VS VOLTAGE | 86 |
| 8.2. | FREQUENCY VS TEMPERATURE | 87 |



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT4:

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------|--------------|-----------|-------------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | 23.40 | 17.05 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#2 | 23.46 | 17.11 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | 23.43 | 17.08 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#0 | 23.41 | 17.06 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#1 | 23.43 | 17.08 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#3 | 23.41 | 17.06 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 22.44 | 16.09 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#0 | 23.43 | 17.08 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#2 | 23.46 | 17.11 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#5 | 23.39 | 17.04 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#0 | 23.44 | 17.09 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#1 | 23.42 | 17.07 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#3 | 23.41 | 17.06 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 22.44 | 16.09 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | 23.36 | 17.01 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#2 | 23.36 | 17.01 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | 23.31 | 16.96 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#0 | 23.36 | 17.01 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#1 | 23.36 | 17.01 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#3 | 23.35 | 17.00 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 22.40 | 16.05 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 22.67 | 16.32 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 22.73 | 16.38 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 22.67 | 16.32 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 22.46 | 16.11 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 22.43 | 16.08 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 22.41 | 16.06 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 21.46 | 15.11 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 22.65 | 16.30 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 22.62 | 16.27 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 22.60 | 16.25 | 38.45 | PASS |



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| | | | | | | | | |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 22.47 | 16.12 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 22.43 | 16.08 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 22.43 | 16.08 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 21.50 | 15.15 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 22.70 | 16.35 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 22.61 | 16.26 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 22.56 | 16.21 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 22.41 | 16.06 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1 | 22.35 | 16.00 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3 | 22.34 | 15.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 21.47 | 15.12 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#0 | 21.37 | 15.02 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#2 | 21.39 | 15.04 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#5 | 21.36 | 15.01 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#0 | 21.35 | 15.00 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#1 | 21.36 | 15.01 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#3 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 20.40 | 14.05 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 21.39 | 15.04 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 20.36 | 14.01 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 21.32 | 14.97 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2 | 21.34 | 14.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5 | 21.27 | 14.92 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0 | 21.34 | 14.99 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1 | 21.29 | 14.94 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3 | 21.30 | 14.95 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 20.31 | 13.96 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | 23.41 | 17.06 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#8 | 23.49 | 17.14 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#14 | 23.45 | 17.10 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#0 | 22.53 | 16.18 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#4 | 22.52 | 16.17 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#7 | 22.39 | 16.04 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 22.44 | 16.09 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#0 | 23.57 | 17.22 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#8 | 23.39 | 17.04 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#14 | 23.44 | 17.09 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#0 | 22.40 | 16.05 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#4 | 22.50 | 16.15 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#7 | 22.39 | 16.04 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 22.53 | 16.18 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | 23.44 | 17.09 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#8 | 23.33 | 16.98 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#14 | 23.44 | 17.09 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#0 | 22.38 | 16.03 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#4 | 22.42 | 16.07 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#7 | 22.46 | 16.11 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 22.42 | 16.07 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 22.72 | 16.37 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8 | 22.57 | 16.22 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.69 | 16.34 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0 | 21.56 | 15.21 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4 | 21.52 | 15.17 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7 | 21.35 | 15.00 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 21.51 | 15.16 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 22.80 | 16.45 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8 | 22.77 | 16.42 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 22.79 | 16.44 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0 | 21.44 | 15.09 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4 | 21.44 | 15.09 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7 | 21.50 | 15.15 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 21.48 | 15.13 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 22.60 | 16.25 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8 | 22.59 | 16.24 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 22.59 | 16.24 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0 | 21.41 | 15.06 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4 | 21.37 | 15.02 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7 | 21.44 | 15.09 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 21.39 | 15.04 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#0 | 21.39 | 15.04 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#8 | 21.41 | 15.06 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 3MHz | 64QAM | 20415 | 1RB#14 | 21.37 | 15.02 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#0 | 20.49 | 14.14 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#4 | 20.47 | 14.12 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#7 | 20.35 | 14.00 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 20.40 | 14.05 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#0 | 21.52 | 15.17 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#8 | 21.32 | 14.97 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 21.41 | 15.06 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0 | 20.38 | 14.03 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4 | 20.44 | 14.09 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7 | 20.31 | 13.96 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 20.52 | 14.17 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0 | 21.40 | 15.05 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8 | 21.26 | 14.91 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0 | 20.33 | 13.98 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4 | 20.40 | 14.05 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7 | 20.44 | 14.09 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 20.38 | 14.03 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | 23.46 | 17.11 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#12 | 23.56 | 17.21 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#24 | 23.37 | 17.02 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#0 | 22.52 | 16.17 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#6 | 22.41 | 16.06 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#13 | 22.34 | 15.99 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 22.55 | 16.20 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#0 | 23.46 | 17.11 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#12 | 23.42 | 17.07 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#24 | 23.51 | 17.16 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#0 | 22.48 | 16.13 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#6 | 22.52 | 16.17 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#13 | 22.55 | 16.20 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 22.44 | 16.09 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | 23.36 | 17.01 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#12 | 23.36 | 17.01 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#24 | 23.37 | 17.02 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#0 | 22.33 | 15.98 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#6 | 22.36 | 16.01 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK | 20625 | 12RB#13 | 22.34 | 15.99 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 22.38 | 16.03 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 22.63 | 16.28 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12 | 22.60 | 16.25 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24 | 22.57 | 16.22 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0 | 21.48 | 15.13 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6 | 21.43 | 15.08 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 21.47 | 15.12 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 22.64 | 16.29 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12 | 22.71 | 16.36 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24 | 22.70 | 16.35 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0 | 21.48 | 15.13 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6 | 21.39 | 15.04 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 21.45 | 15.10 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 21.41 | 15.06 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0 | 22.64 | 16.29 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12 | 22.71 | 16.36 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24 | 22.65 | 16.30 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0 | 21.43 | 15.08 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#6 | 21.40 | 15.05 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#13 | 21.31 | 14.96 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 21.31 | 14.96 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0 | 21.45 | 15.10 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12 | 21.51 | 15.16 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24 | 21.34 | 14.99 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0 | 20.48 | 14.13 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6 | 20.39 | 14.04 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 20.25 | 13.90 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0 | 20.47 | 14.12 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24 | 21.42 | 15.07 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0 | 20.40 | 14.05 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#6 | 20.45 | 14.10 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#13 | 20.48 | 14.13 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0 | 20.40 | 14.05 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#0 | 21.33 | 14.98 | 38.45 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | 64QAM | 20625 | 1RB#12 | 21.29 | 14.94 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#24 | 21.35 | 15.00 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#0 | 20.32 | 13.97 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#6 | 20.28 | 13.93 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#13 | 20.29 | 13.94 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0 | 20.35 | 14.00 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 23.43 | 17.08 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#24 | 23.46 | 17.11 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | 23.44 | 17.09 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#0 | 22.48 | 16.13 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#12 | 22.47 | 16.12 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#25 | 22.43 | 16.08 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 22.54 | 16.19 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 23.49 | 17.14 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#24 | 23.50 | 17.15 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#49 | 23.43 | 17.08 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#0 | 22.49 | 16.14 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#12 | 22.43 | 16.08 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#25 | 22.48 | 16.13 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 22.48 | 16.13 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 23.43 | 17.08 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#24 | 23.35 | 17.00 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | 23.37 | 17.02 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#0 | 22.42 | 16.07 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#12 | 22.41 | 16.06 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#25 | 22.40 | 16.05 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 22.45 | 16.10 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 22.68 | 16.33 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24 | 22.65 | 16.30 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | 22.67 | 16.32 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0 | 21.52 | 15.17 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.47 | 15.12 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.42 | 15.07 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 21.47 | 15.12 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 22.72 | 16.37 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24 | 22.73 | 16.38 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49 | 22.69 | 16.34 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0 | 21.46 | 15.11 | 38.45 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.47 | 15.12 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.50 | 15.15 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 21.51 | 15.16 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 22.63 | 16.28 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24 | 22.68 | 16.33 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | 22.64 | 16.29 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.39 | 15.04 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.36 | 15.01 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0 | 21.37 | 15.02 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24 | 21.45 | 15.10 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49 | 21.41 | 15.06 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0 | 20.48 | 14.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 20.39 | 14.04 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 20.36 | 14.01 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 20.47 | 14.12 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0 | 21.42 | 15.07 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24 | 21.43 | 15.08 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49 | 21.38 | 15.03 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0 | 20.45 | 14.10 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 20.38 | 14.03 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 20.47 | 14.12 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 20.45 | 14.10 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0 | 21.36 | 15.01 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24 | 21.29 | 14.94 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49 | 21.35 | 15.00 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0 | 20.38 | 14.03 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 20.34 | 13.99 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 20.34 | 13.99 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 20.37 | 14.02 | 38.45 | PASS |

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

The conducted Power is measured by Base Station Simulator



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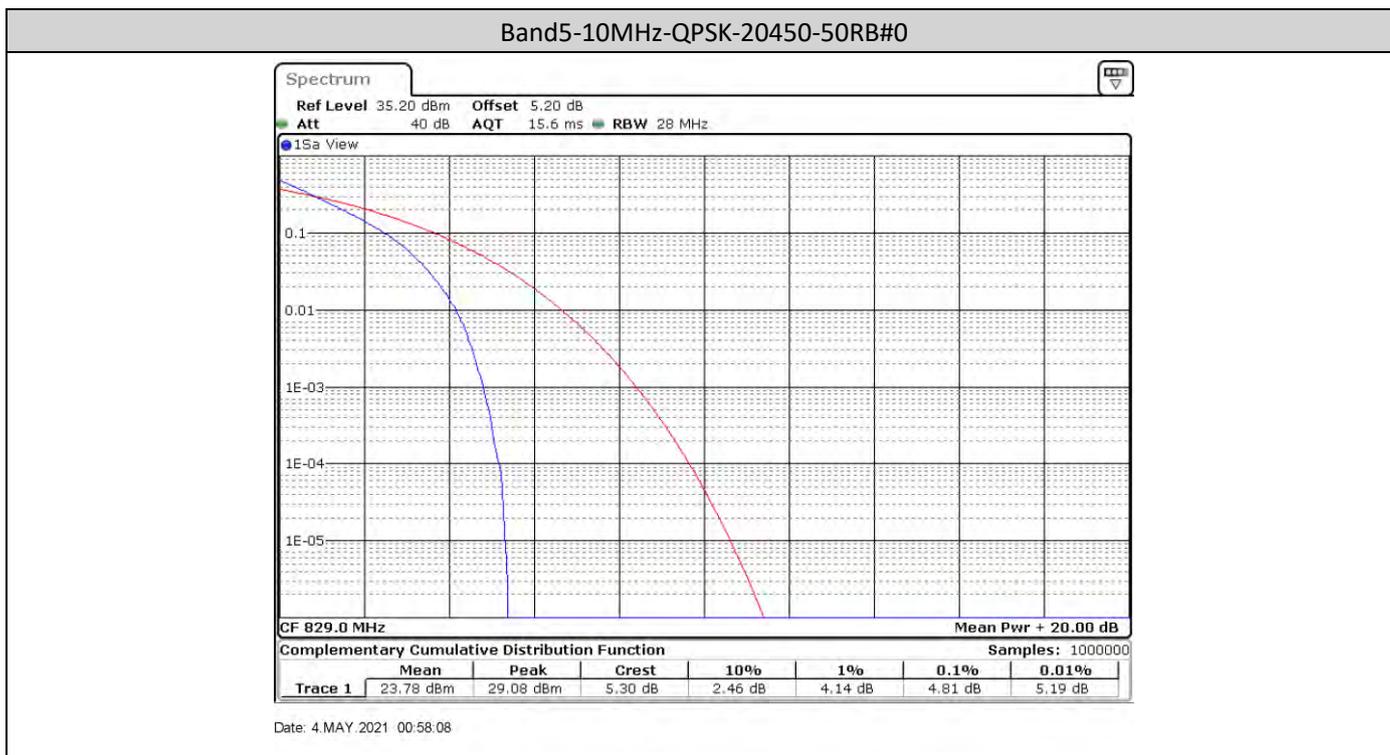


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

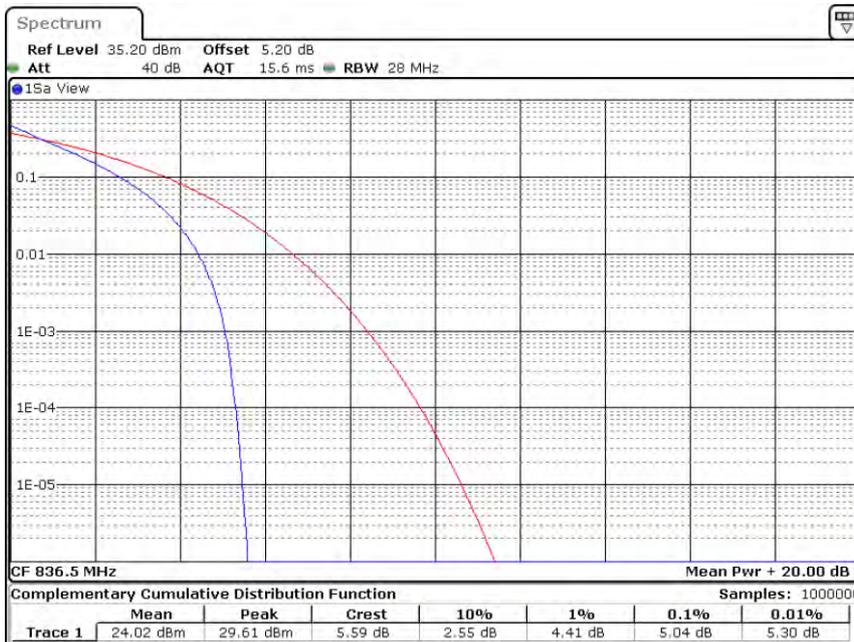
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 4.81 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 5.04 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 5.51 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 6.09 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 6.38 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 6.58 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 5.59 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 5.88 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 6.20 | 13 | PASS |

2.2. Test Plots



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Band5-10MHz-QPSK-20525-50RB#0



Date: 4.MAY.2021 00:58:30

Band5-10MHz-QPSK-20600-50RB#0



Date: 4.MAY.2021 00:58:53



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Band5-10MHz-64QAM-20450-50RB#0



Date: 4.MAY.2021 01:54:54

Band5-10MHz-64QAM-20525-50RB#0



Date: 4.MAY.2021 01:55:06



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Band5-10MHz-64QAM-20600-50RB#0



Date: 4.MAY.2021 01:55:17

Band5-10MHz-16QAM-20450-50RB#0



Date: 4.MAY.2021 00:58:19



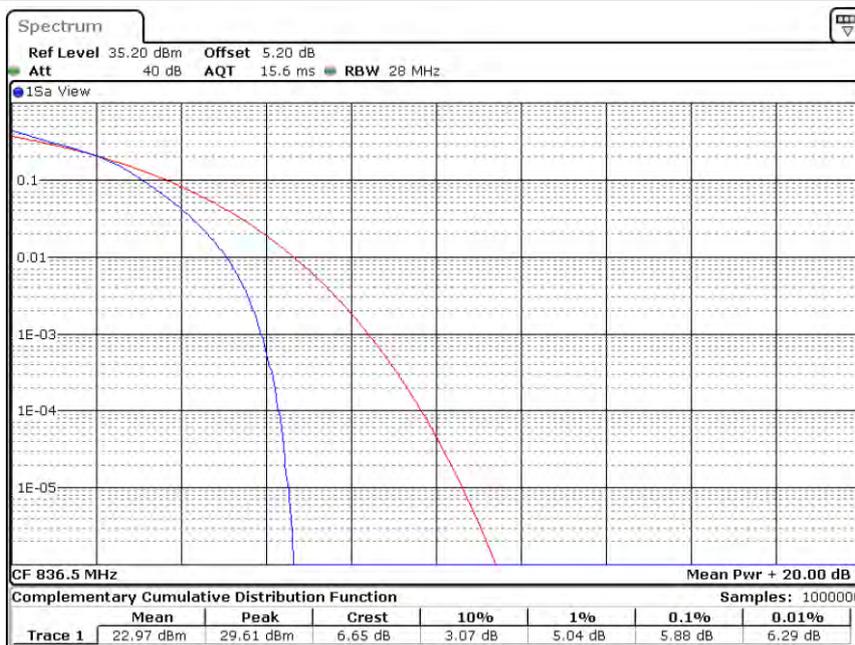
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Band5-10MHz-16QAM-20525-50RB#0



Date: 4.MAY.2021 00:58:41

Band5-10MHz-16QAM-20600-50RB#0



Date: 4.MAY.2021 00:59:04

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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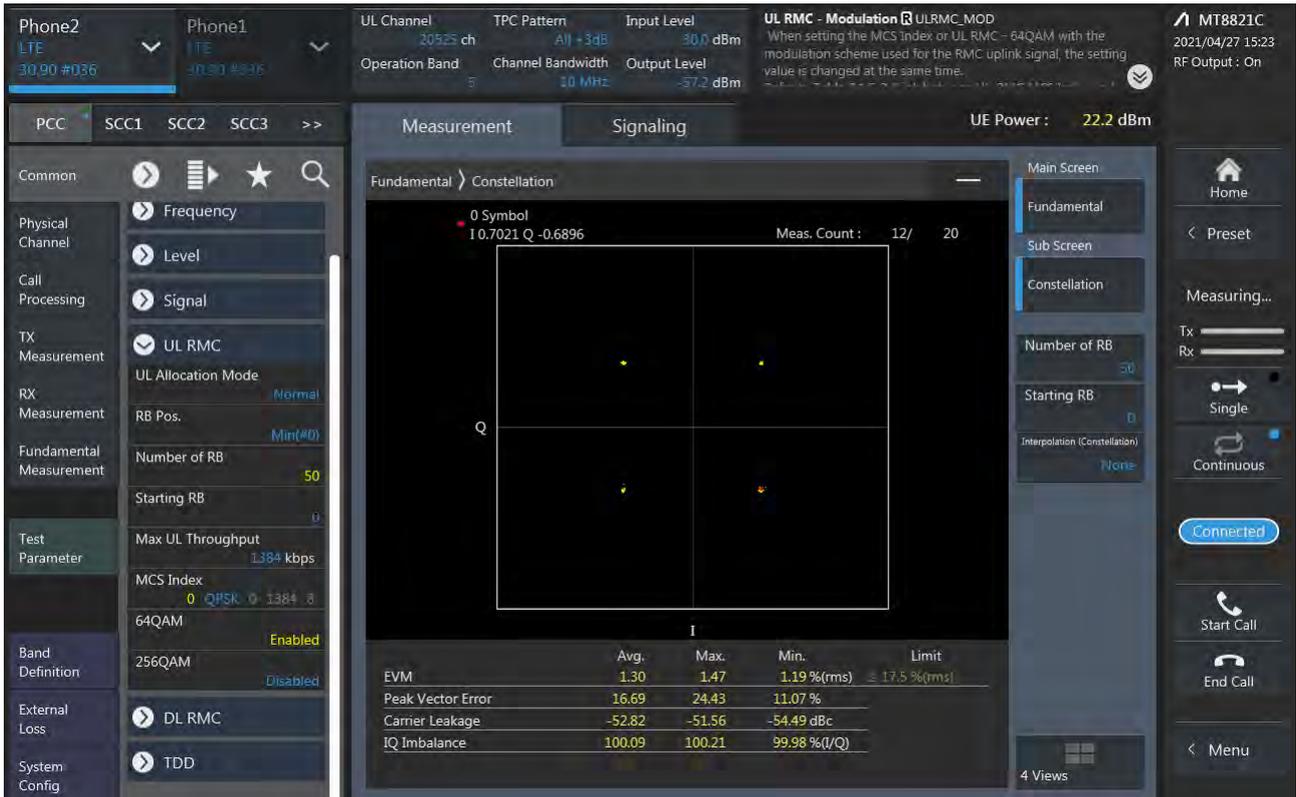
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



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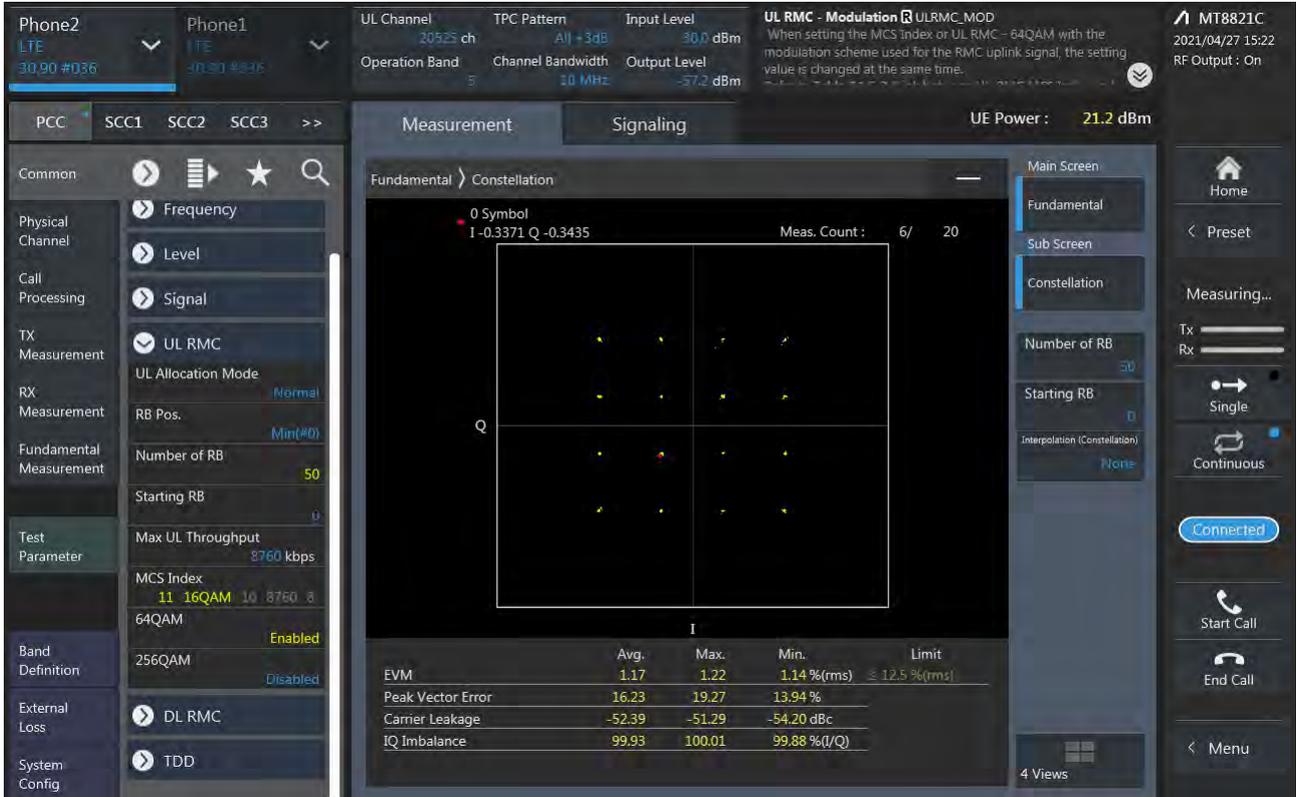
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3.2. Test Mode = LTE /TM2 10MHz

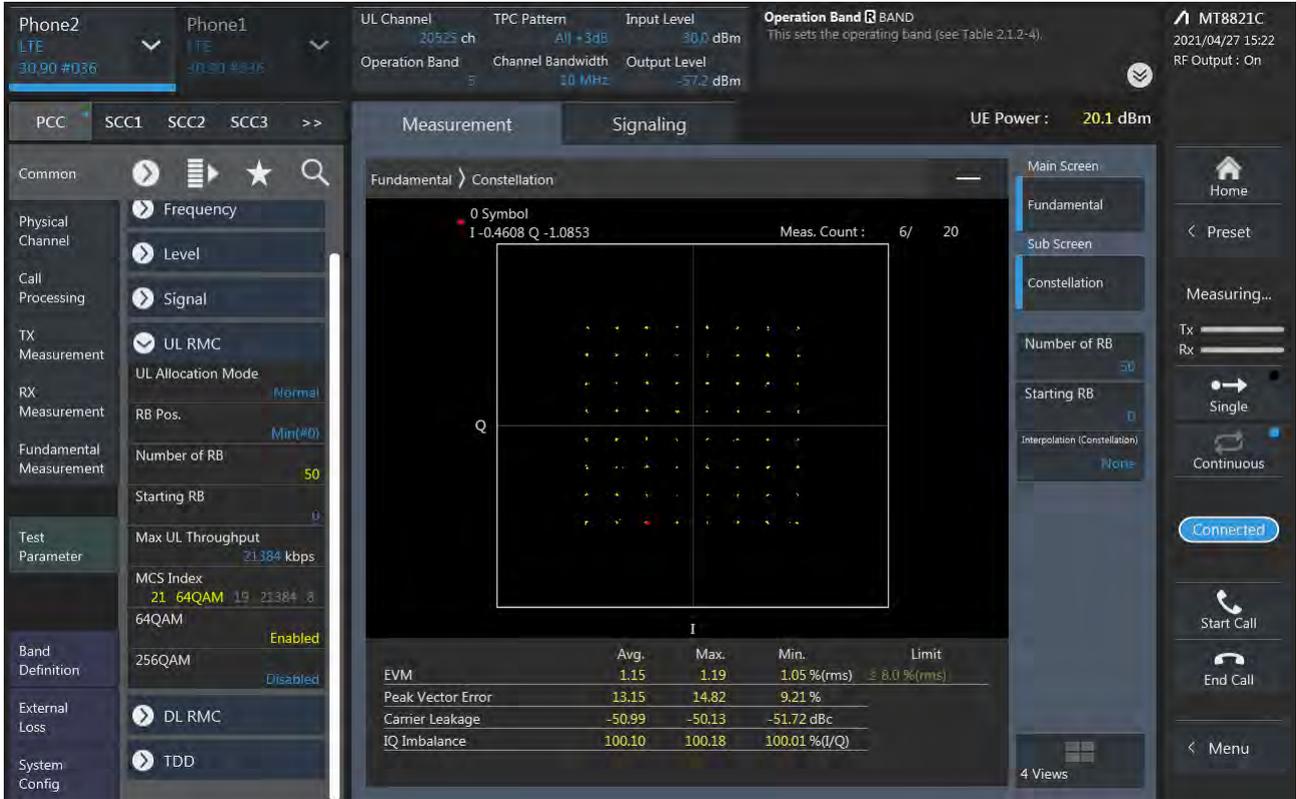
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 10MHz

3.3.1. 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 |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 1.091 | 1.287 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 1.091 | 1.296 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 1.094 | 1.284 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 1.094 | 1.284 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 1.094 | 1.287 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 1.088 | 1.290 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 1.091 | 1.278 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 2.691 | 2.946 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 2.691 | 2.940 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 2.691 | 2.952 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 2.685 | 2.928 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 2.685 | 2.934 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 2.685 | 2.940 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 2.679 | 2.928 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 2.679 | 2.934 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 2.679 | 2.922 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 4.456 | 4.860 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 4.466 | 4.860 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 4.476 | 4.880 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0 | 4.466 | 4.850 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0 | 4.476 | 4.860 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0 | 4.476 | 4.850 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 4.486 | 4.910 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 4.486 | 4.910 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 4.486 | 4.910 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 8.931 | 9.620 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 8.931 | 9.660 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 8.911 | 9.620 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 8.931 | 9.580 | PASS |



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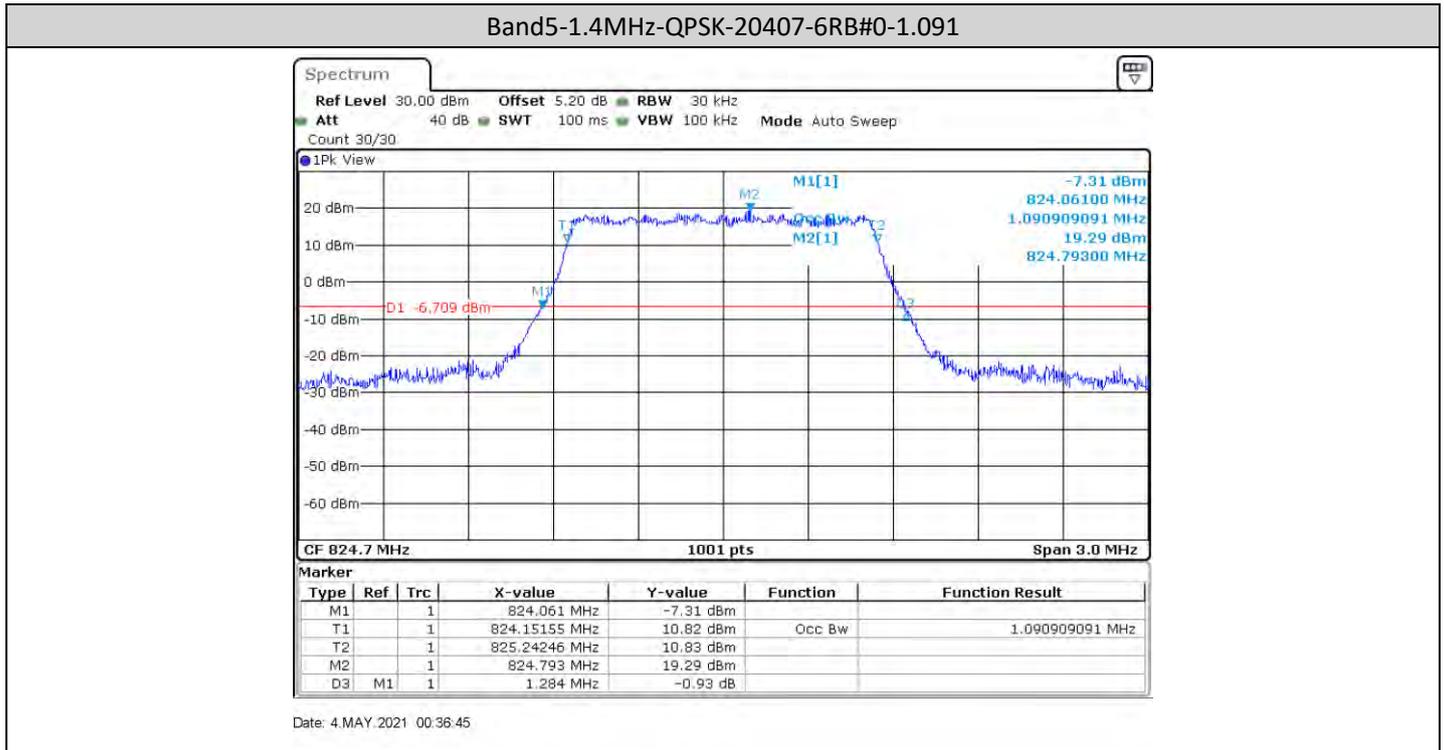
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| | | | | | | | |
|-------|-------|-------|-------|--------|-------|-------|------|
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 8.951 | 9.640 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 8.911 | 9.520 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.931 | 9.580 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.931 | 9.680 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.911 | 9.640 | PASS |

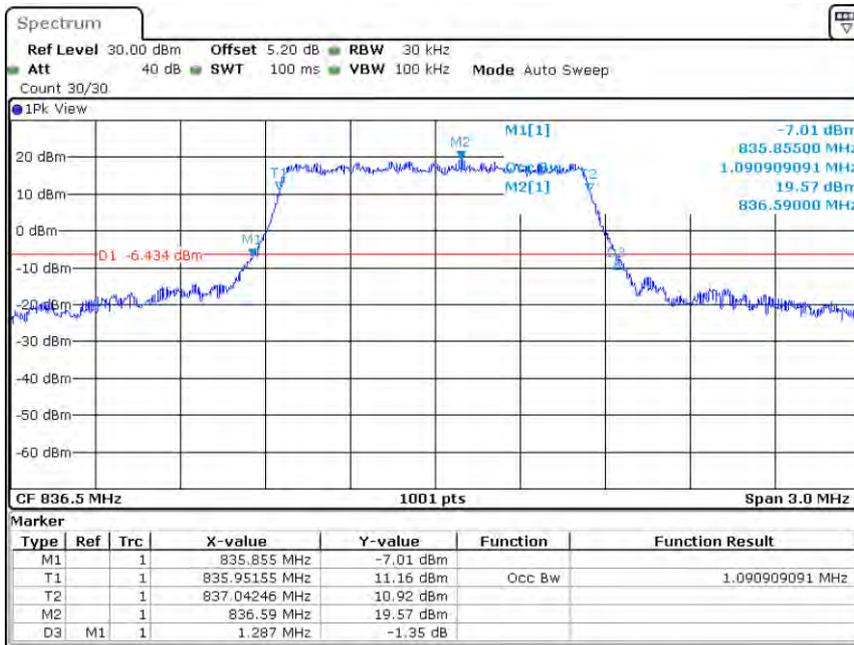
4.2. Test Plots



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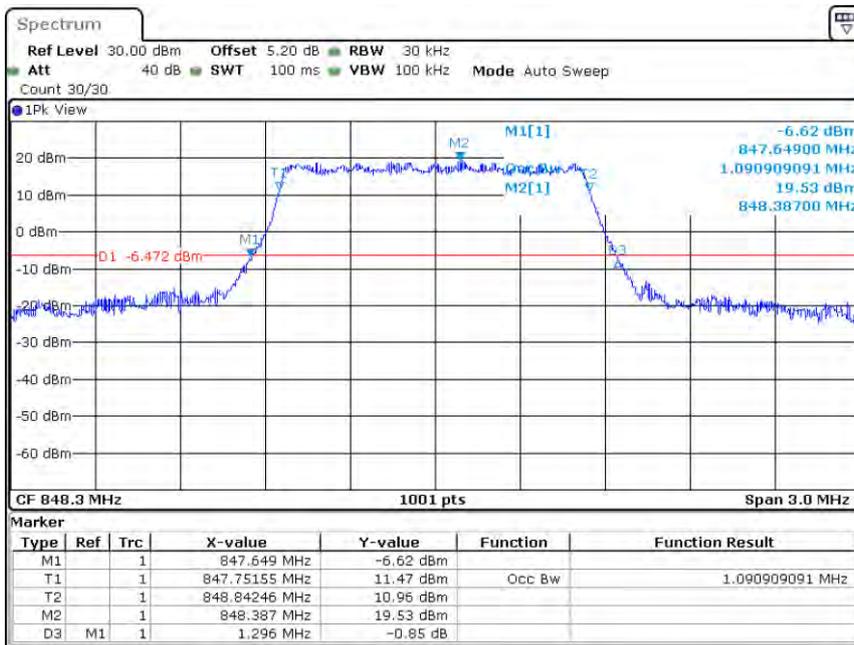


Band5-1.4MHz-QPSK-20525-6RB#0-1.091



Date: 4.MAY 2021 00:37:10

Band5-1.4MHz-QPSK-20643-6RB#0-1.091



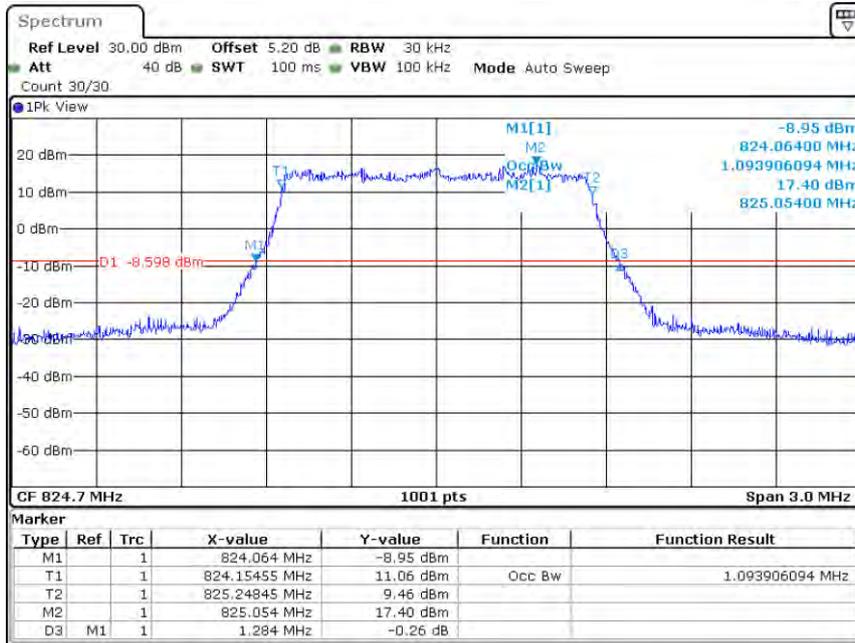
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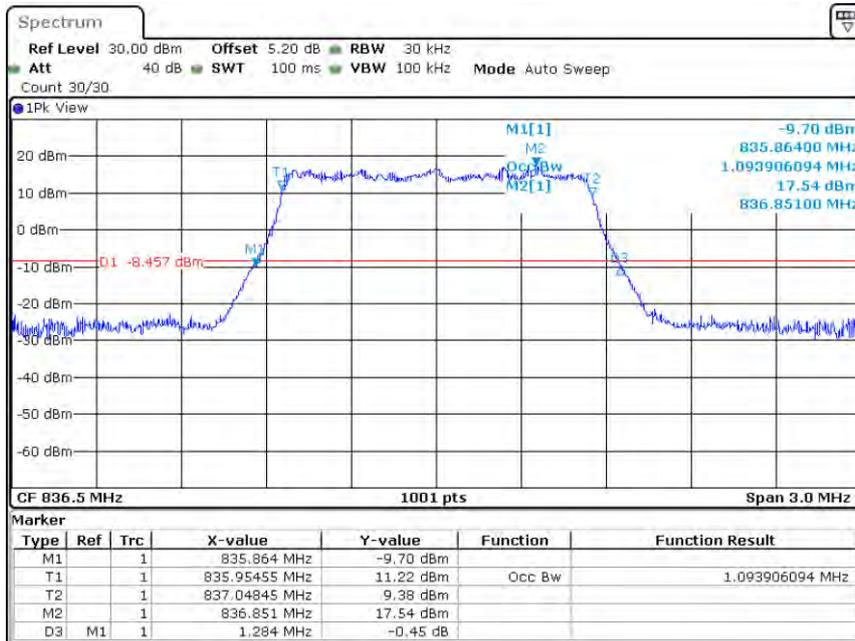


Band5-1.4MHz-64QAM-20407-6RB#0-1.094



Date: 4.MAY 2021 01:43:43

Band5-1.4MHz-64QAM-20525-6RB#0-1.094

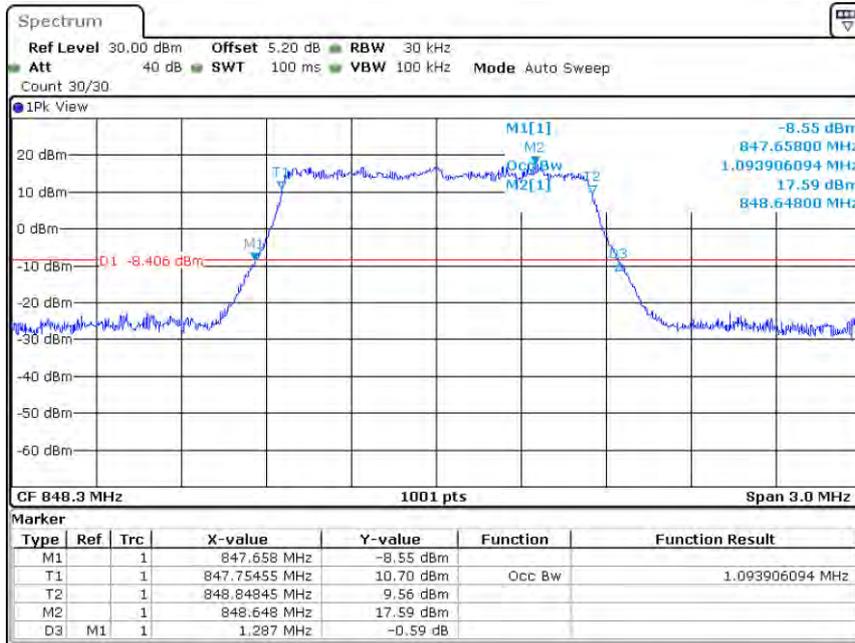


Date: 4.MAY 2021 01:43:56



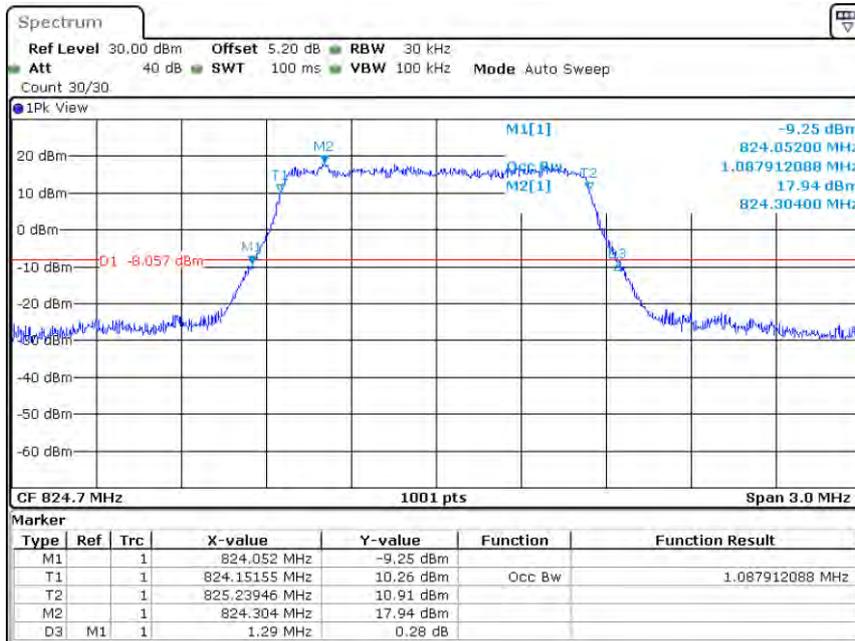
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Band5-1.4MHz-64QAM-20643-6RB#0-1.094



Date: 4 MAY 2021 01:44:08

Band5-1.4MHz-16QAM-20407-6RB#0-1.088



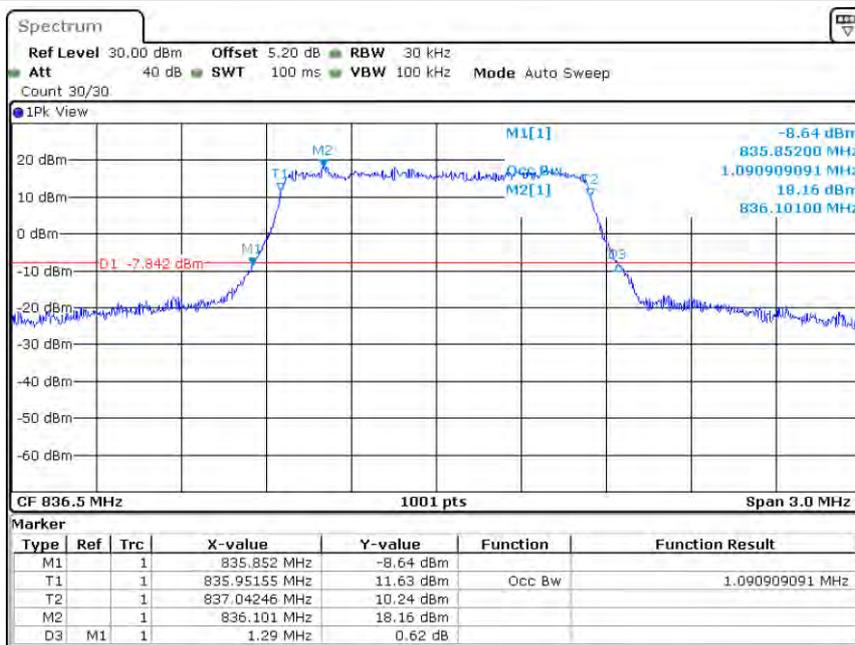
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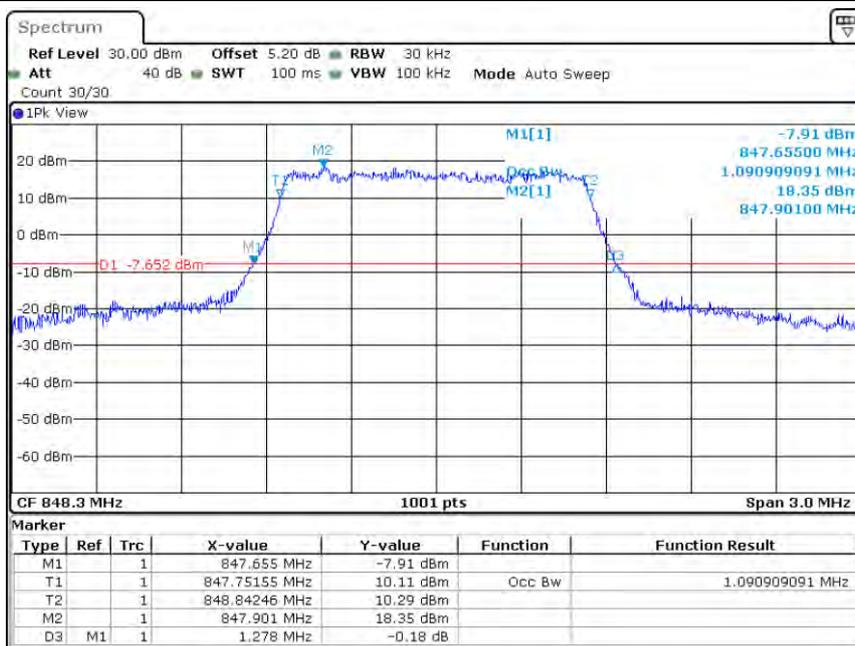


Band5-1.4MHz-16QAM-20525-6RB#0-1.091



Date: 4.MAY 2021 00:37:23

Band5-1.4MHz-16QAM-20643-6RB#0-1.091



Date: 4.MAY 2021 00:37:48



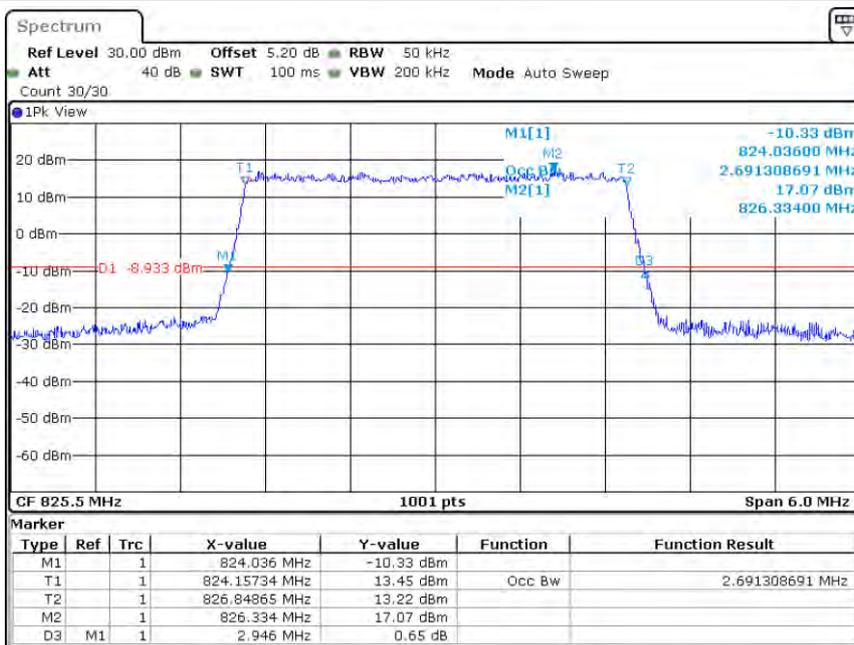
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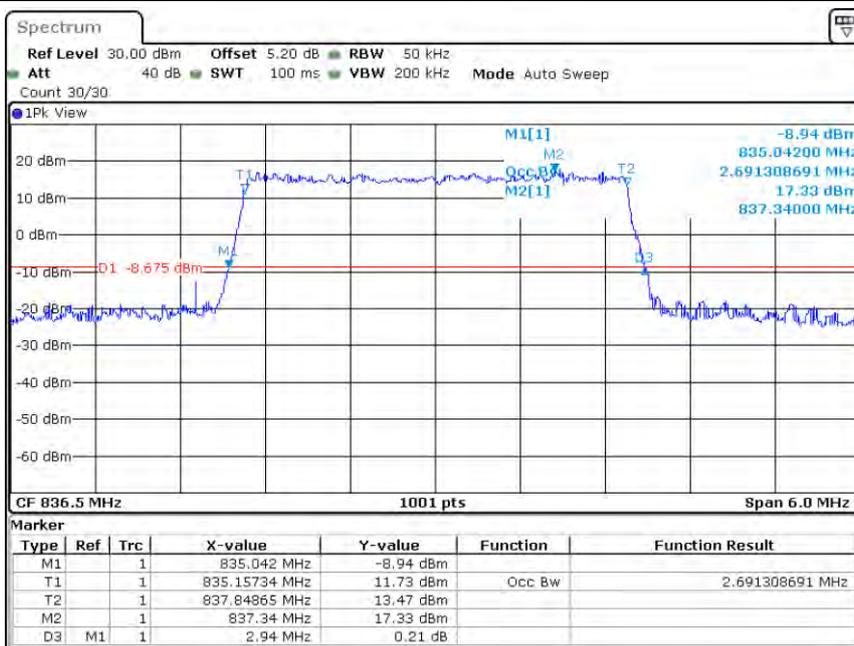


Band5-3MHz-QPSK-20415-15RB#0-2.691



Date: 4 MAY 2021 00:38:06

Band5-3MHz-QPSK-20525-15RB#0-2.691



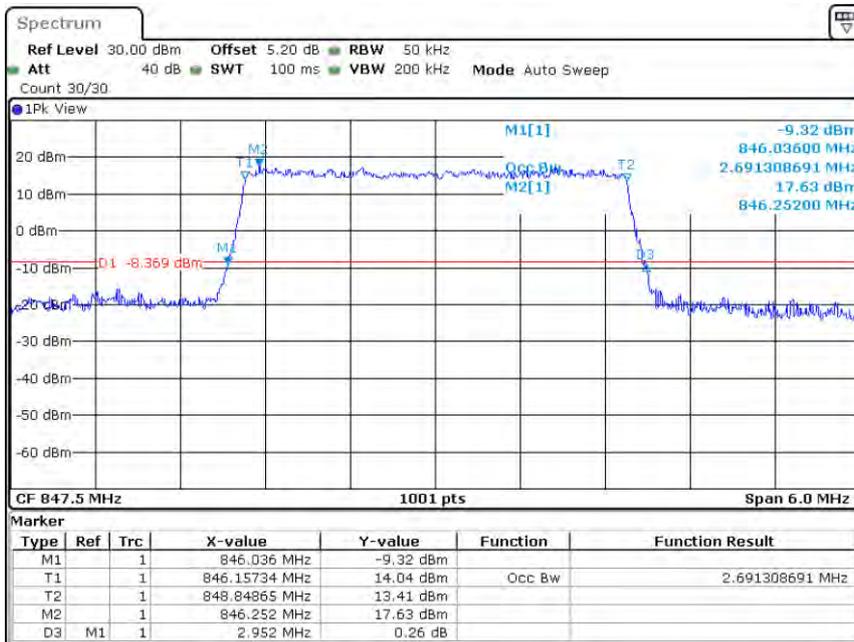
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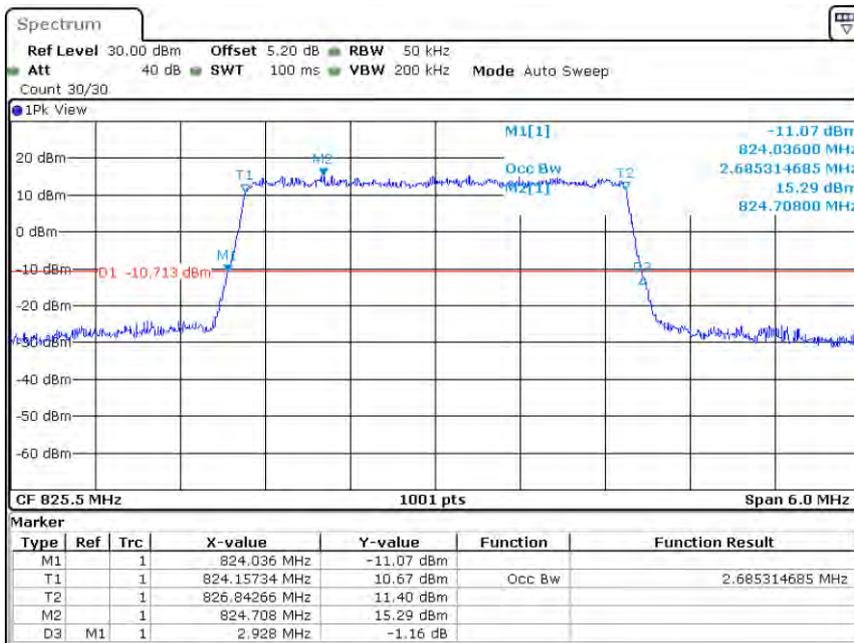


Band5-3MHz-QPSK-20635-15RB#0-2.691



Date: 4.MAY 2021 00:38:57

Band5-3MHz-64QAM-20415-15RB#0-2.685



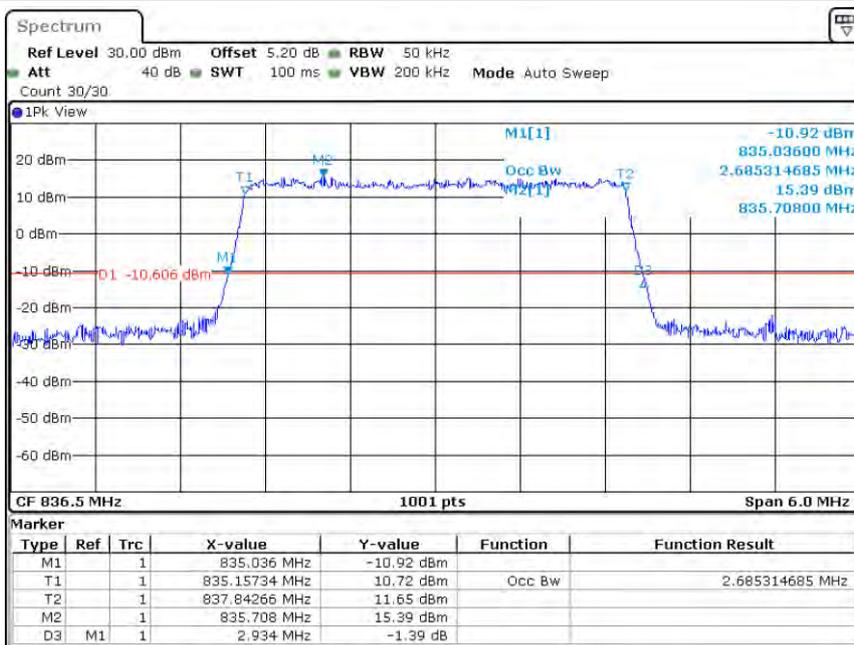
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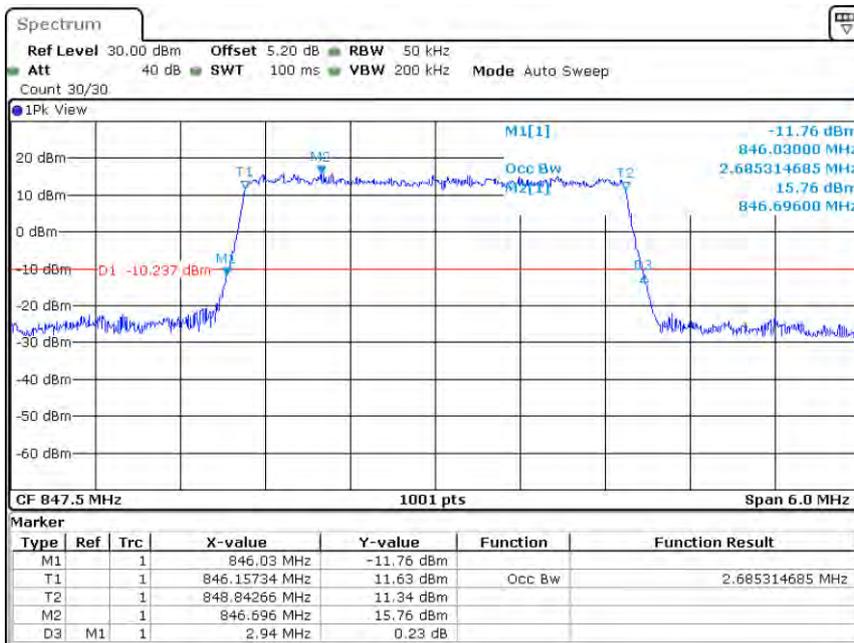


Band5-3MHz-64QAM-20525-15RB#0-2.685



Date: 4.MAY 2021 01:44:39

Band5-3MHz-64QAM-20635-15RB#0-2.685

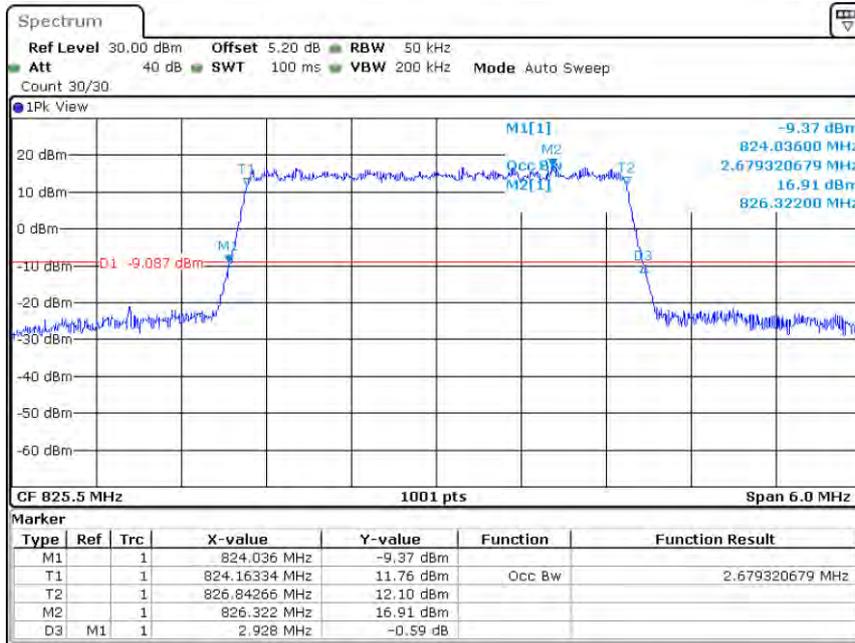


Date: 4.MAY 2021 01:44:52



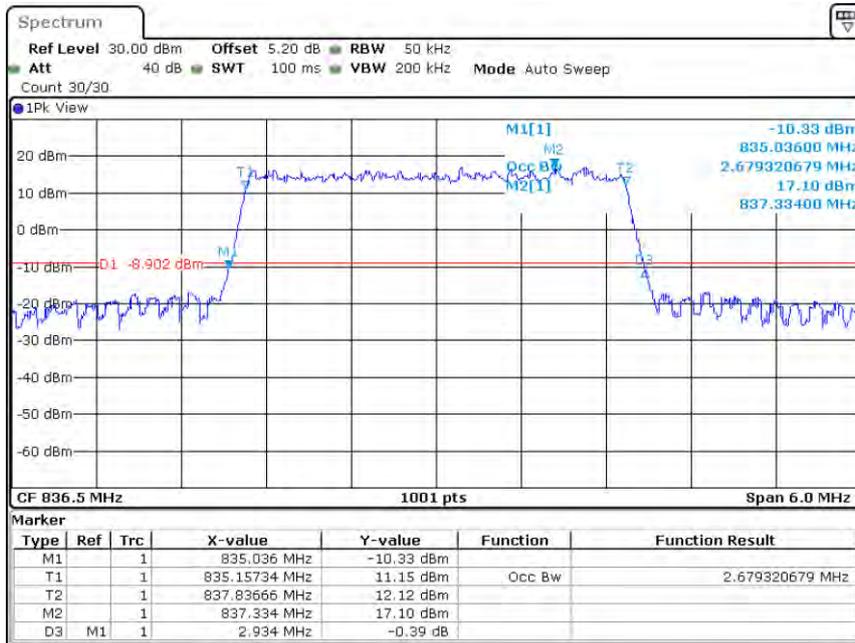
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Band5-3MHz-16QAM-20415-15RB#0-2.679



Date: 4.MAY 2021 00:38:19

Band5-3MHz-16QAM-20525-15RB#0-2.679



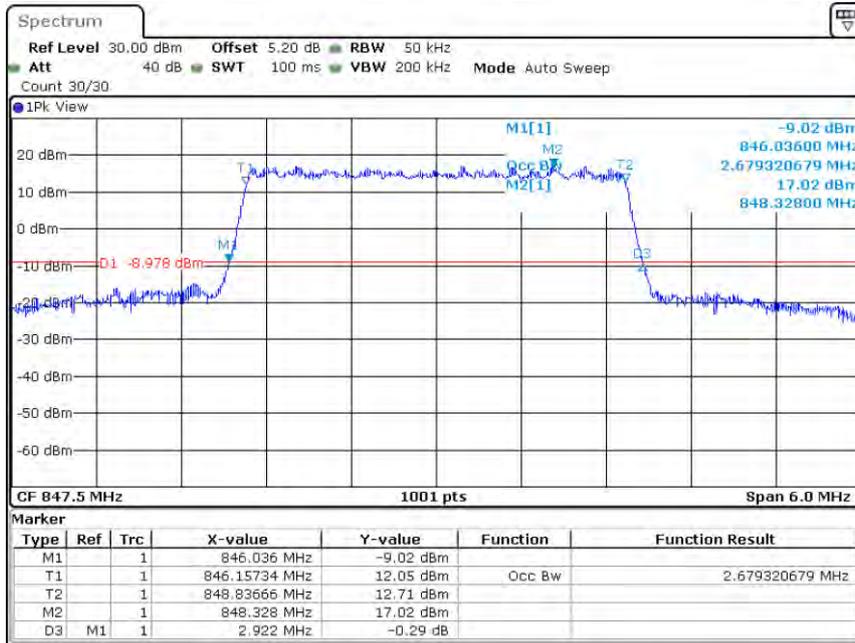
Date: 4.MAY 2021 00:38:44



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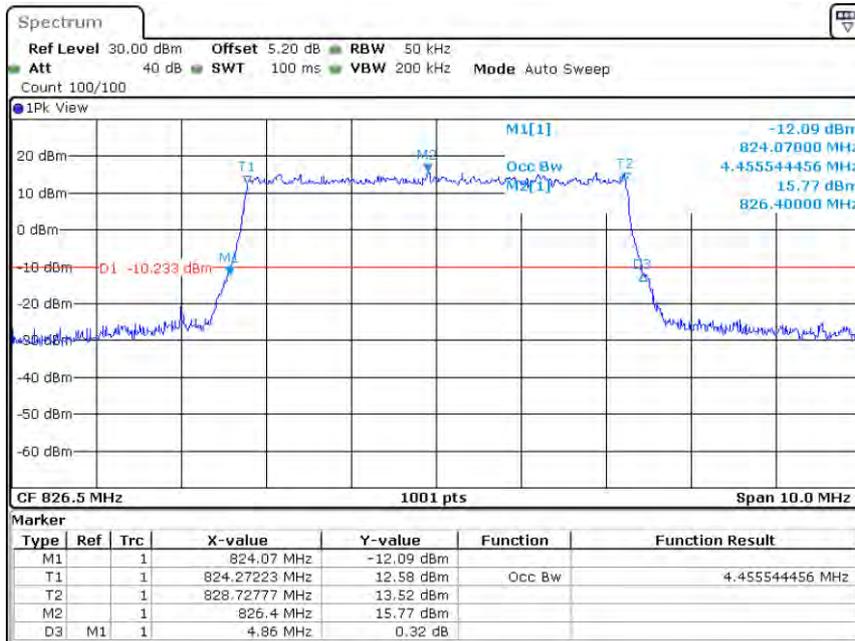


Band5-3MHz-16QAM-20635-15RB#0-2.679



Date: 4.MAY 2021 00:39:10

Band5-5MHz-QPSK-20425-25RB#0-4.456

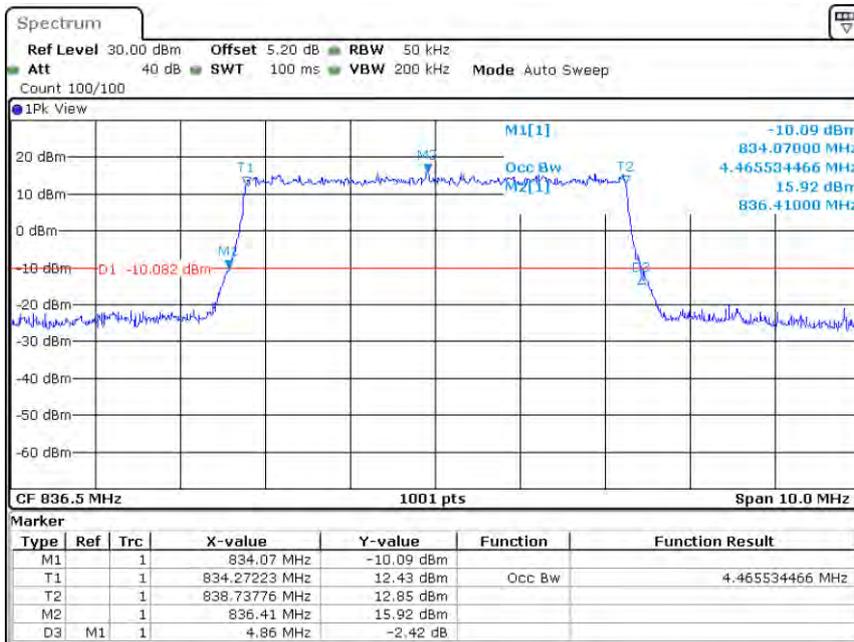


Date: 4.MAY 2021 00:39:34



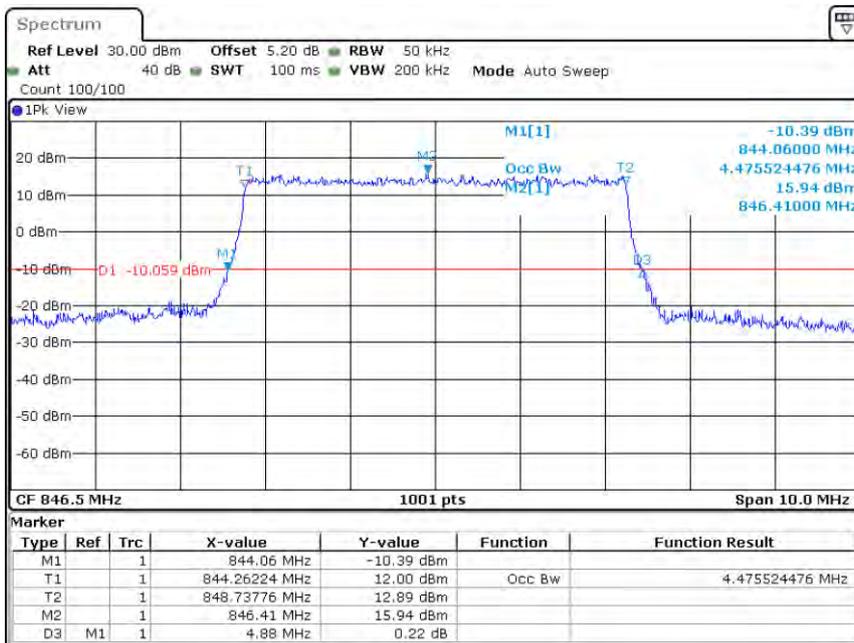
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Band5-5MHz-QPSK-20525-25RB#0-4.466



Date: 4.MAY 2021 00:40:15

Band5-5MHz-QPSK-20625-25RB#0-4.476



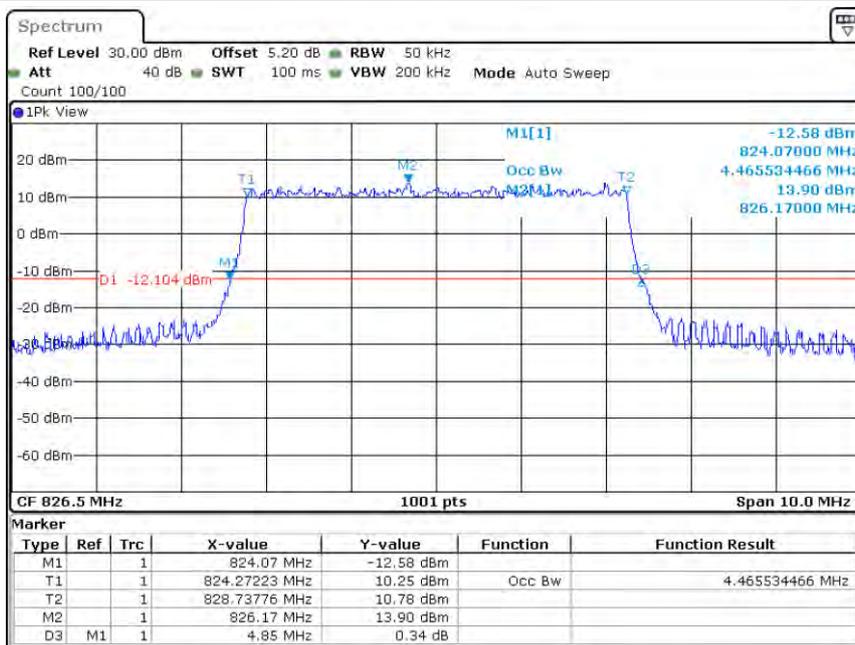
Date: 4.MAY 2021 00:40:54



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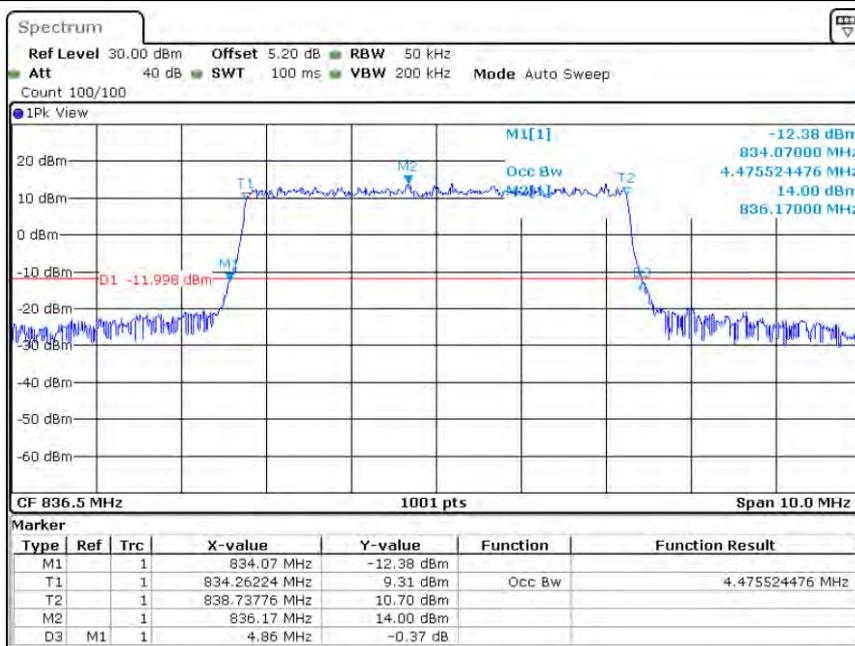


Band5-5MHz-64QAM-20425-25RB#0-4.466



Date: 4.MAY 2021 01:45:17

Band5-5MHz-64QAM-20525-25RB#0-4.476



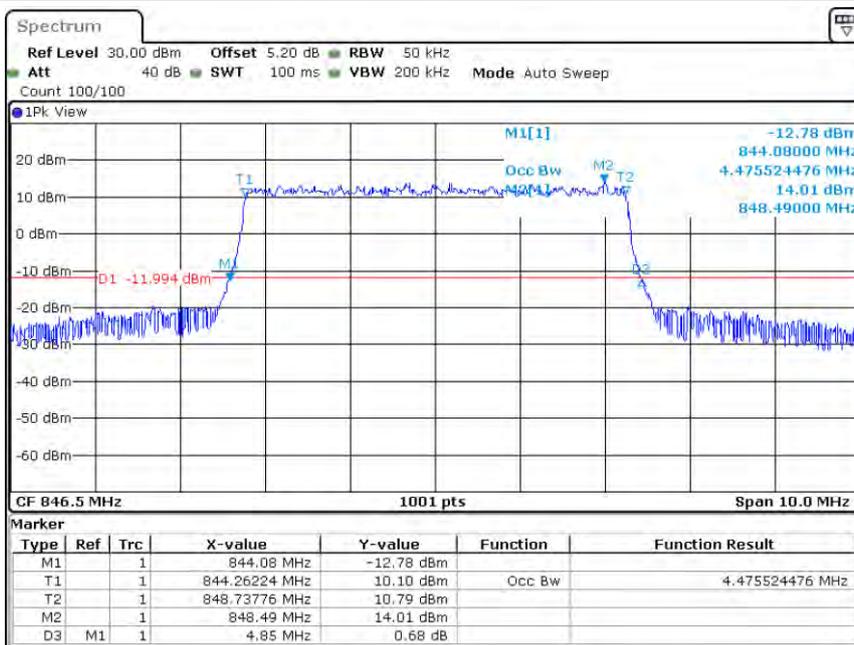
Date: 4.MAY 2021 01:45:37



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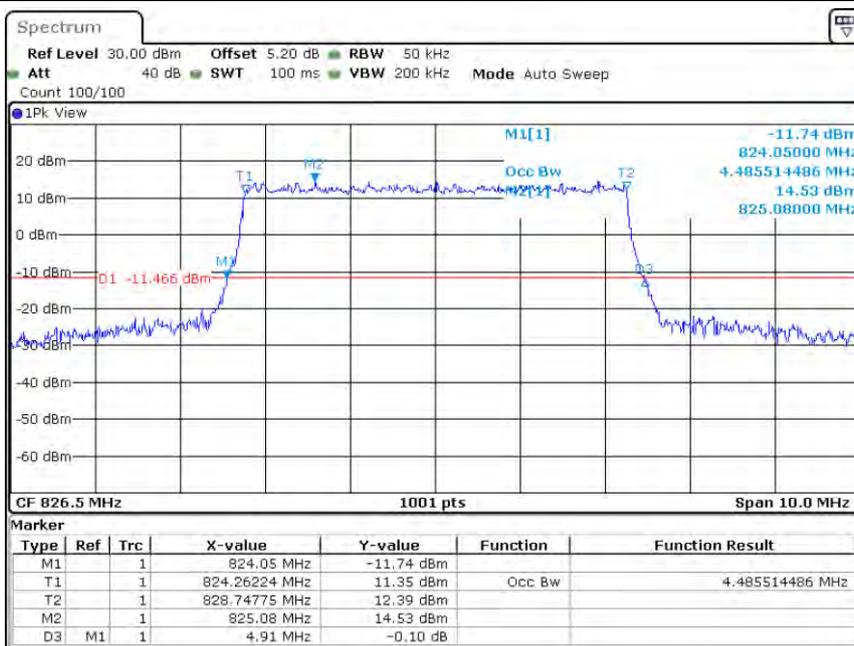


Band5-5MHz-64QAM-20625-25RB#0-4.476



Date: 4 MAY 2021 01:45:57

Band5-5MHz-16QAM-20425-25RB#0-4.486



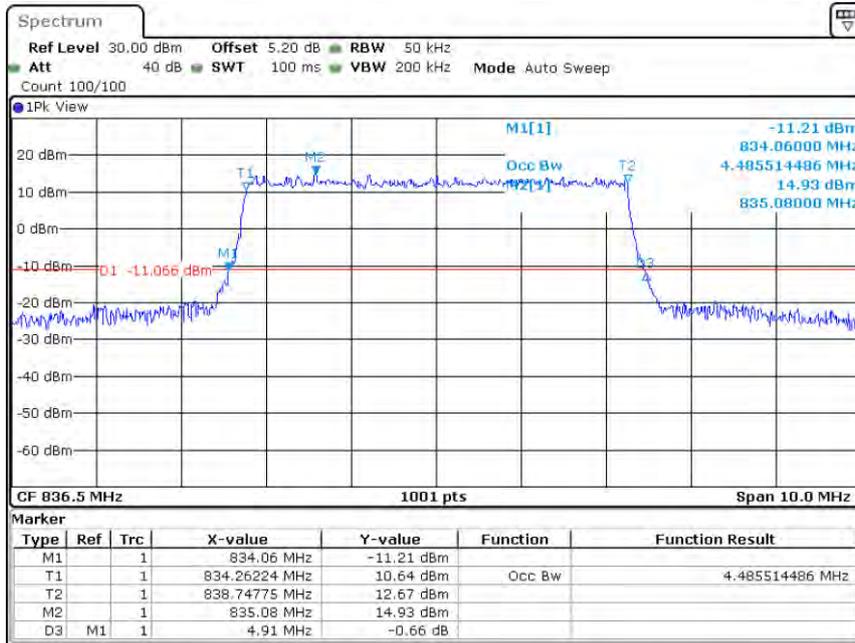
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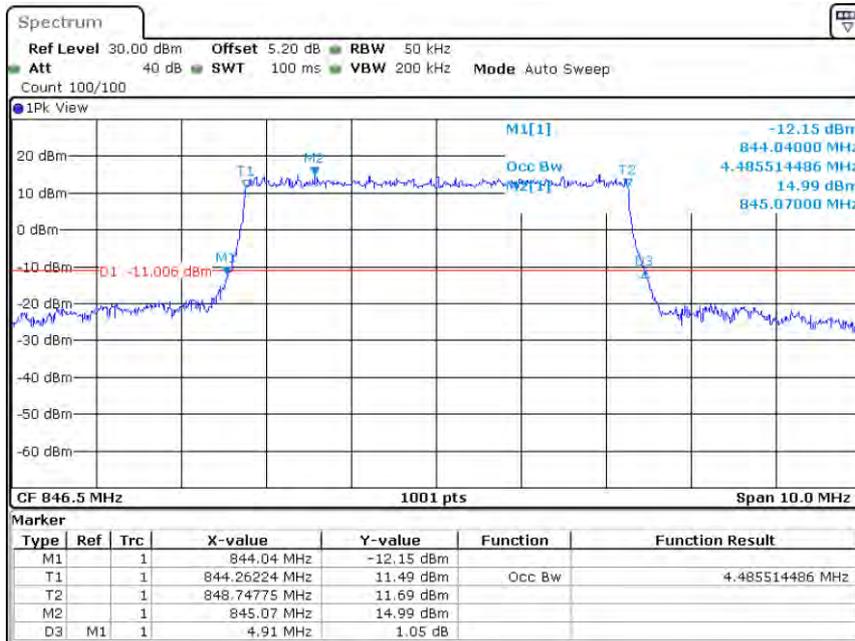
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Band5-5MHz-16QAM-20525-25RB#0-4.486



Date: 4.MAY 2021 00:40:35

Band5-5MHz-16QAM-20625-25RB#0-4.486



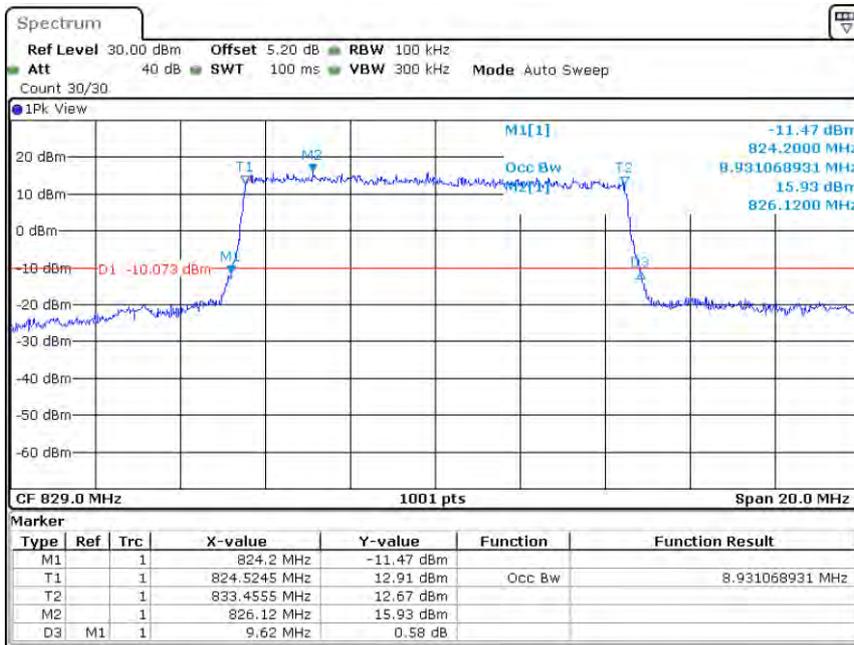
Date: 4.MAY 2021 00:41:14



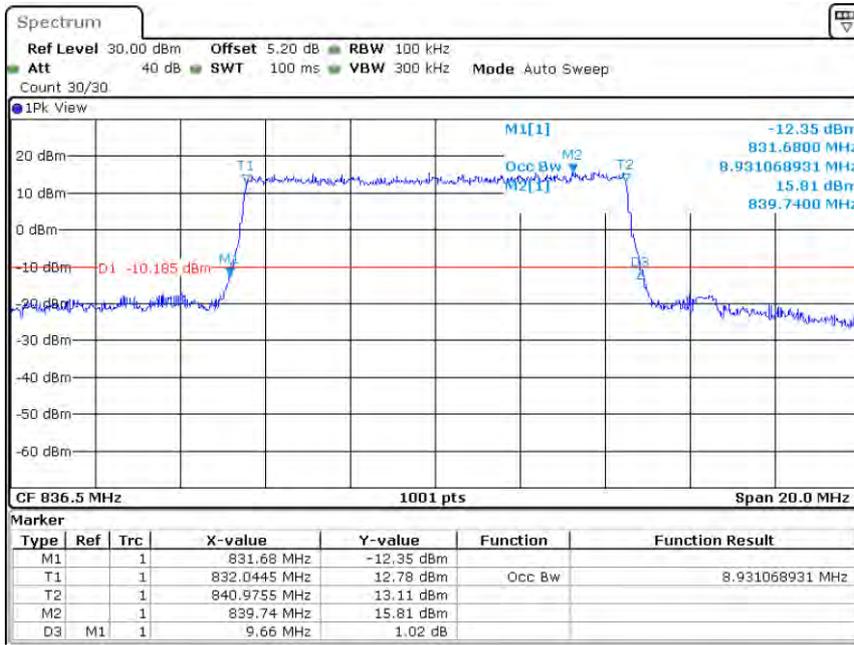
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Band5-10MHz-QPSK-20450-50RB#0-8.931



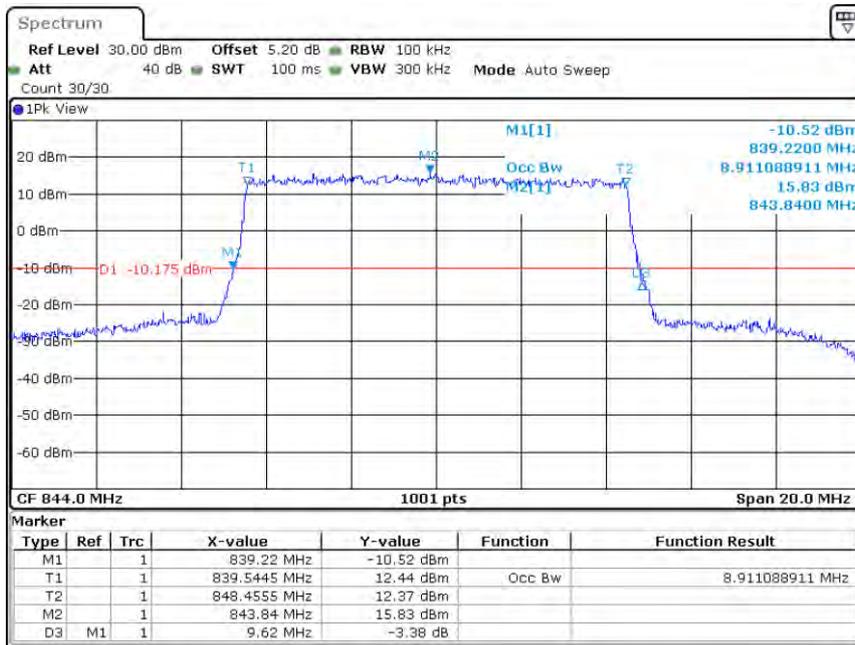
Band5-10MHz-QPSK-20525-50RB#0-8.931



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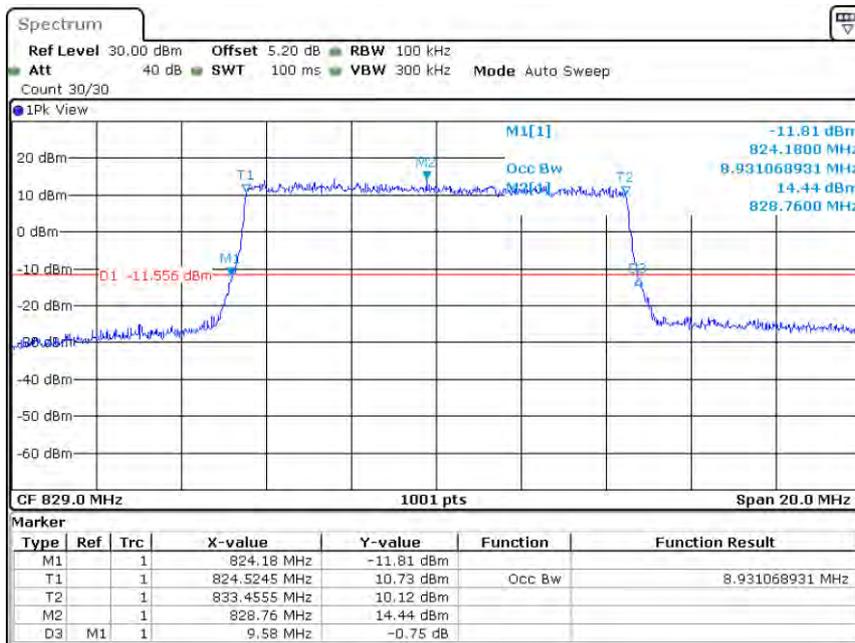


Band5-10MHz-QPSK-20600-50RB#0-8.911



Date: 4.MAY 2021 00:42:28

Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 4.MAY 2021 01:46:14

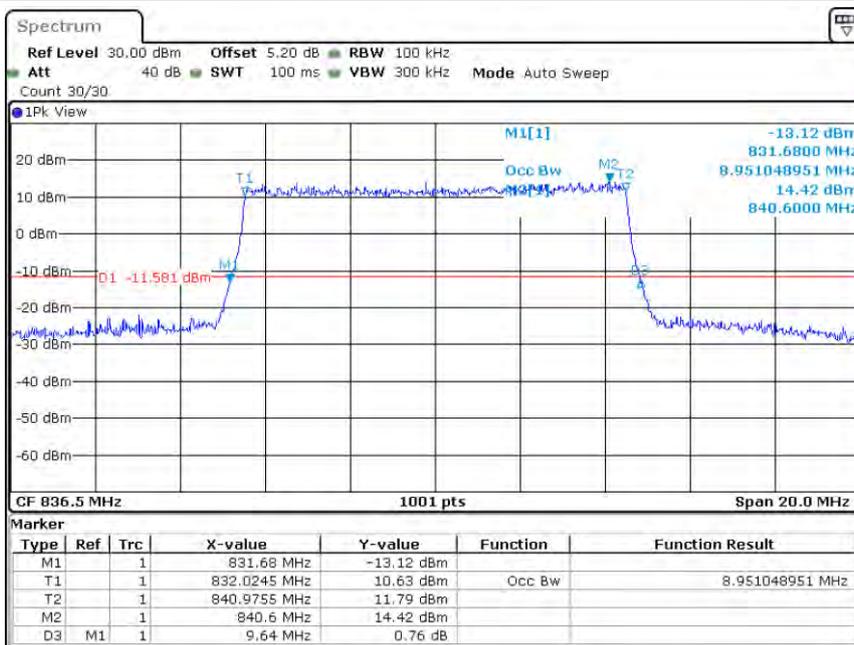


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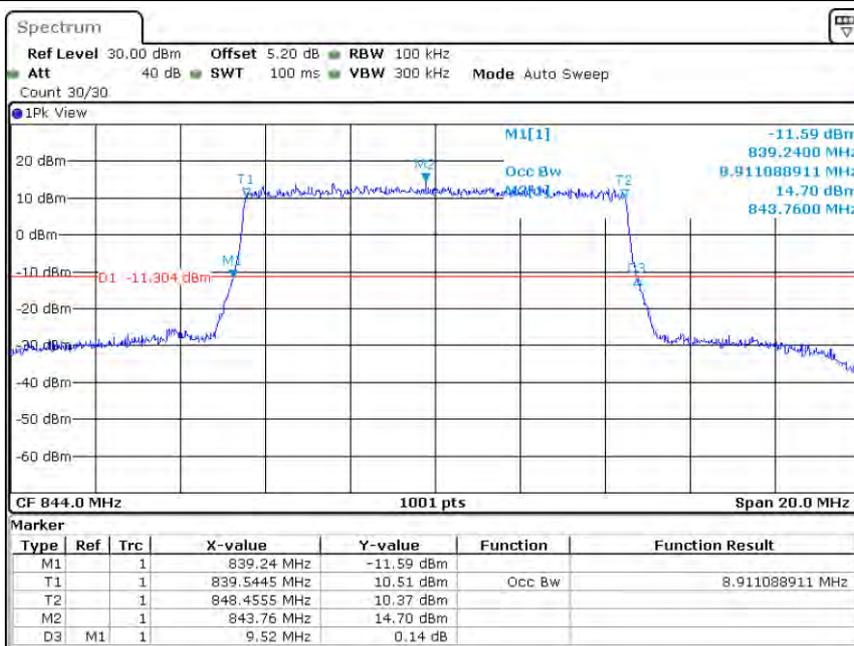


Band5-10MHz-64QAM-20525-50RB#0-8.951



Date: 4.MAY 2021 01:46:27

Band5-10MHz-64QAM-20600-50RB#0-8.911



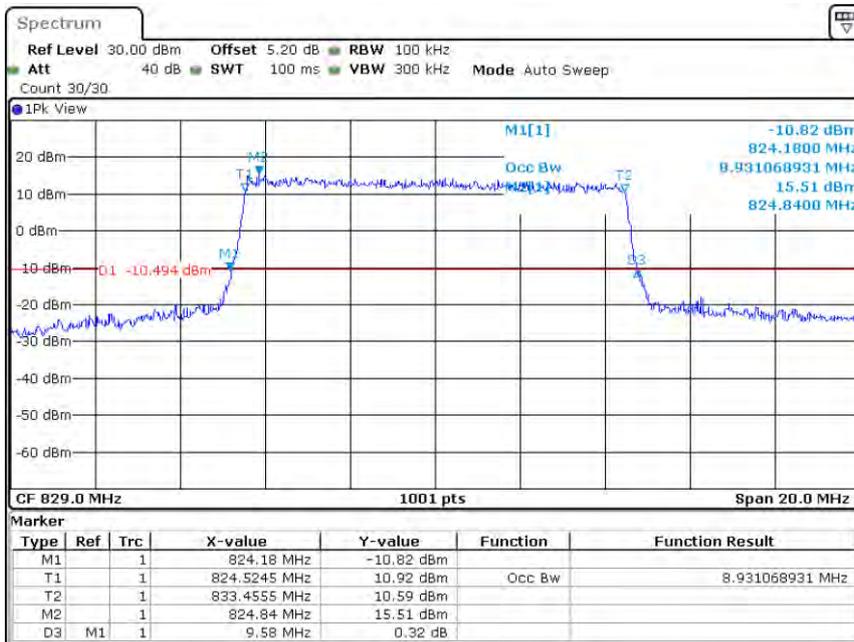
Date: 4.MAY 2021 01:46:40



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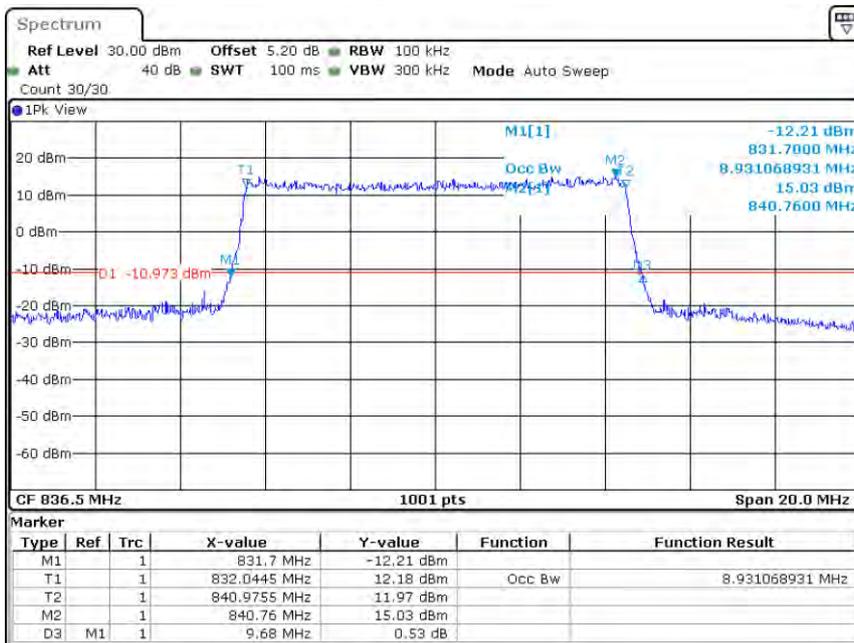


Band5-10MHz-16QAM-20450-50RB#0-8.931



Date: 4.MAY 2021 00:41:44

Band5-10MHz-16QAM-20525-50RB#0-8.931



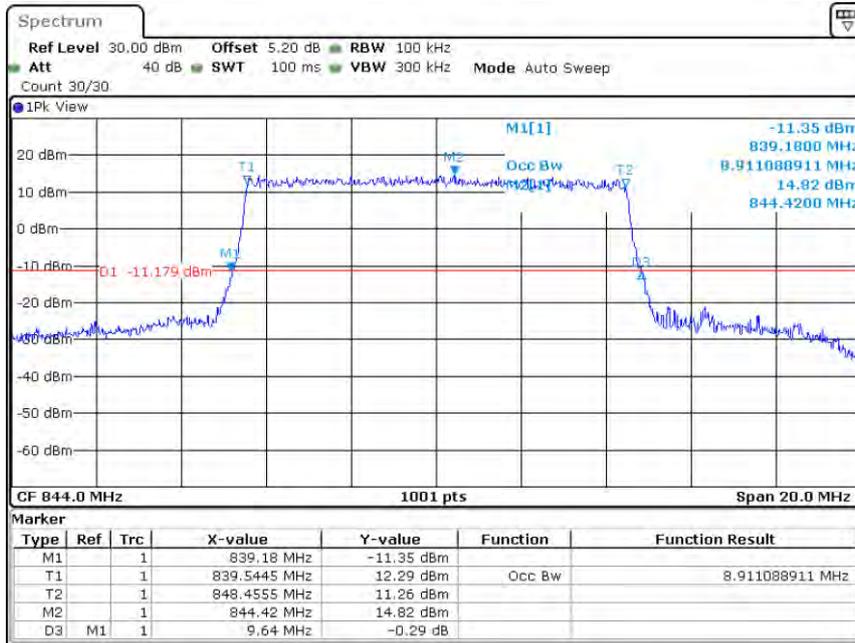
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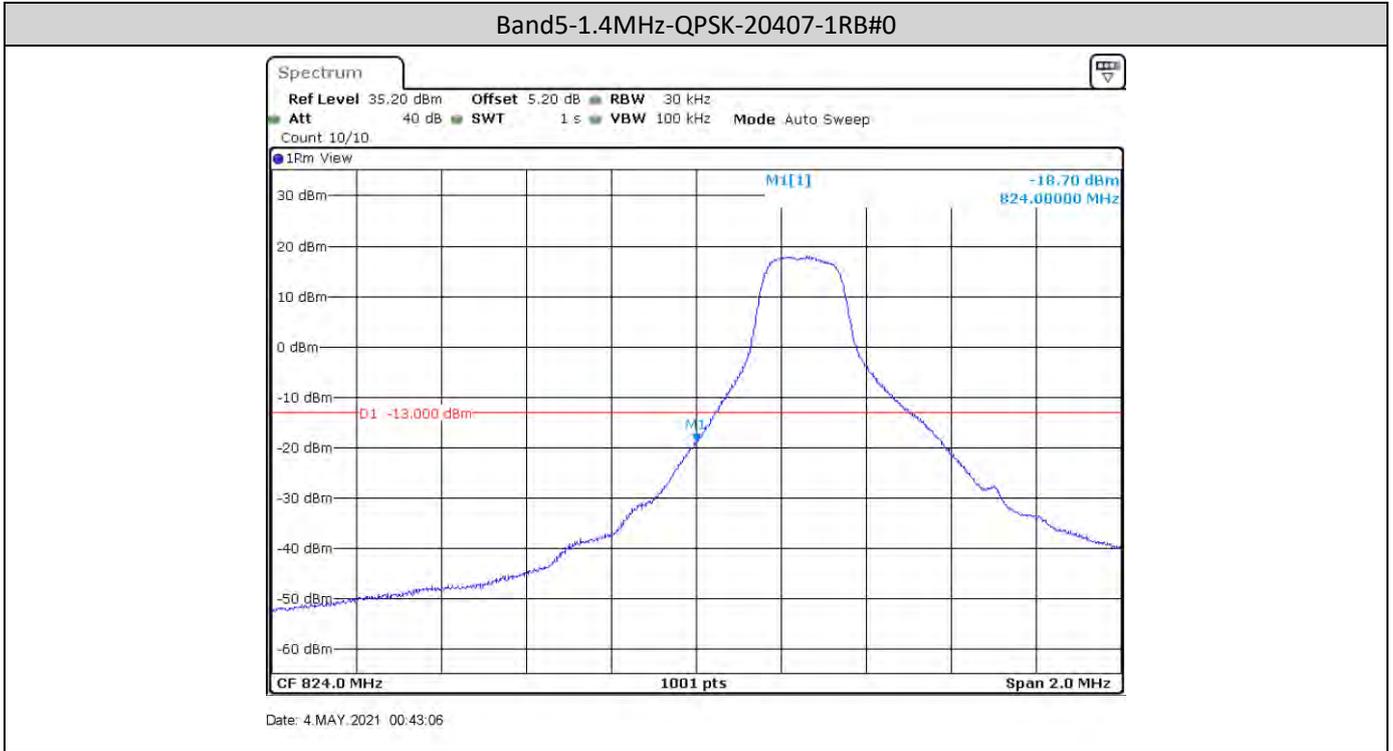
Band5-10MHz-16QAM-20600-50RB#0-8.911



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5. Band Edge Compliance

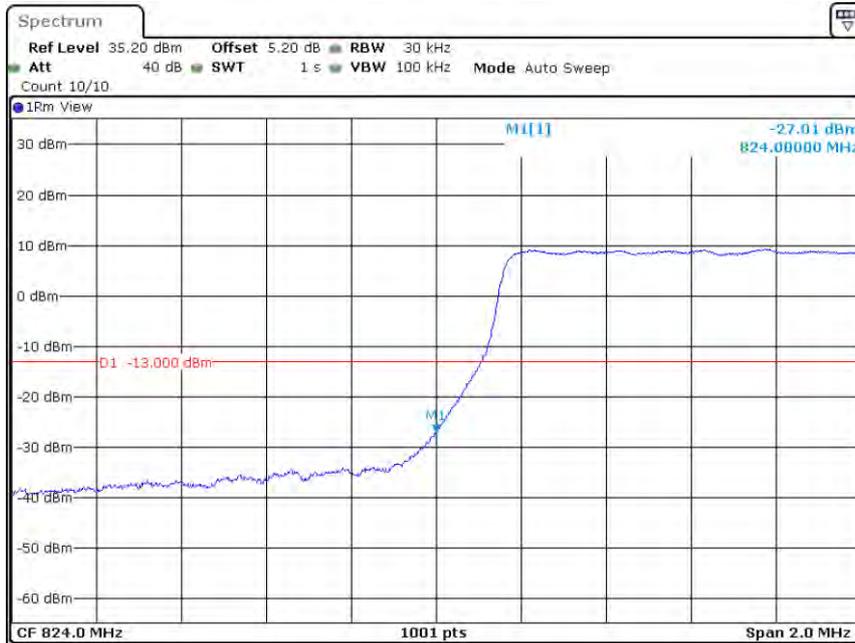
5.1. Test Plots



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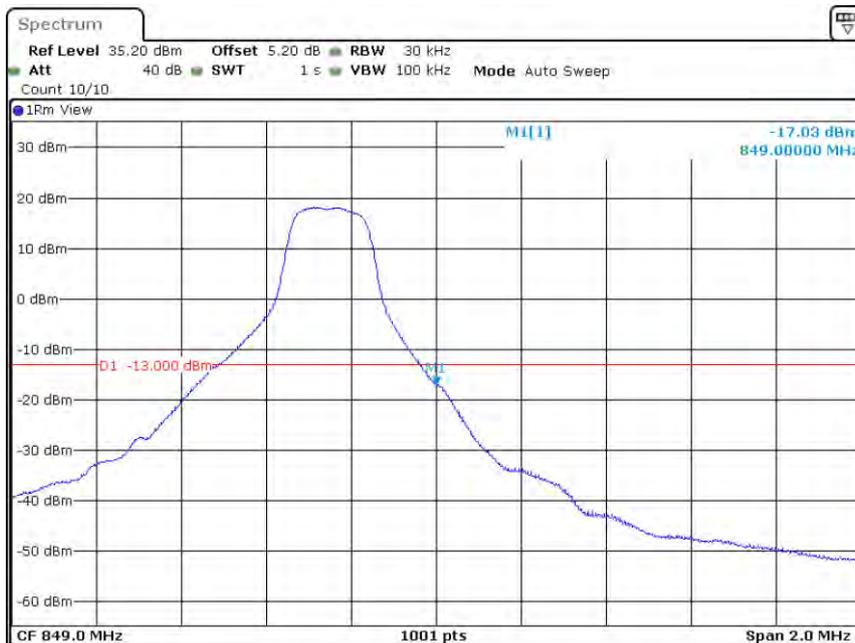
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Band5-1.4MHz-QPSK-20407-6RB#0



Date: 4.MAY.2021 00:43:47

Band5-1.4MHz-QPSK-20643-1RB#5



Date: 4.MAY.2021 00:44:33



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Band5-1.4MHz-QPSK-20643-6RB#0



Date: 4.MAY.2021 00:45:14

Band5-1.4MHz-64QAM-20407-1RB#0

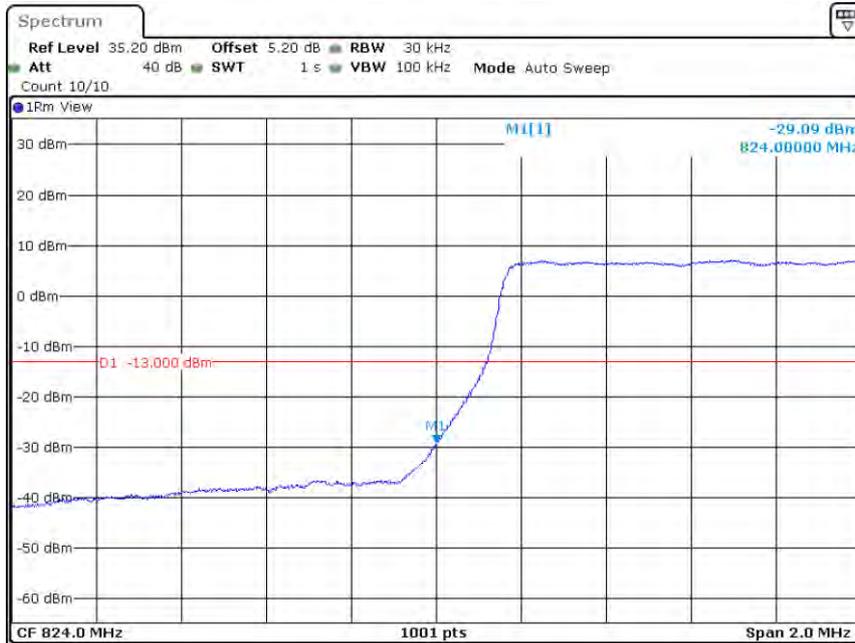


Date: 4.MAY.2021 01:47:06



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Band5-1.4MHz-64QAM-20407-6RB#0



Date: 4.MAY.2021 01:47:27

Band5-1.4MHz-64QAM-20643-1RB#5



Date: 4.MAY.2021 01:47:52



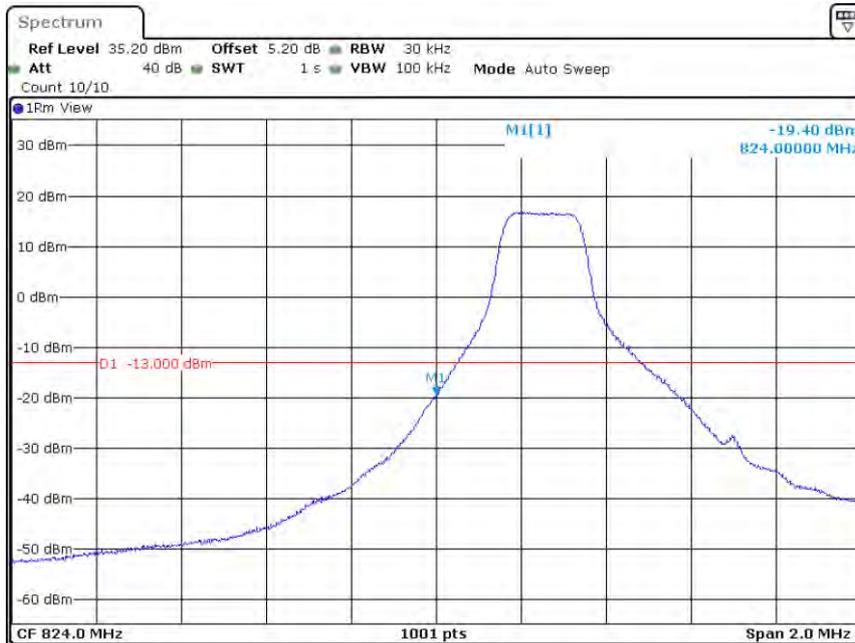
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Band5-1.4MHz-64QAM-20643-6RB#0



Date: 4.MAY.2021 01:48:12

Band5-1.4MHz-16QAM-20407-1RB#0



Date: 4.MAY.2021 00:43:27



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Band5-1.4MHz-16QAM-20407-6RB#0



Date: 4.MAY.2021 00:44:08

Band5-1.4MHz-16QAM-20643-1RB#5



Date: 4.MAY.2021 00:44:53



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Band5-1.4MHz-16QAM-20643-6RB#0



Date: 4.MAY.2021 00:45:34

Band5-3MHz-QPSK-20415-1RB#0

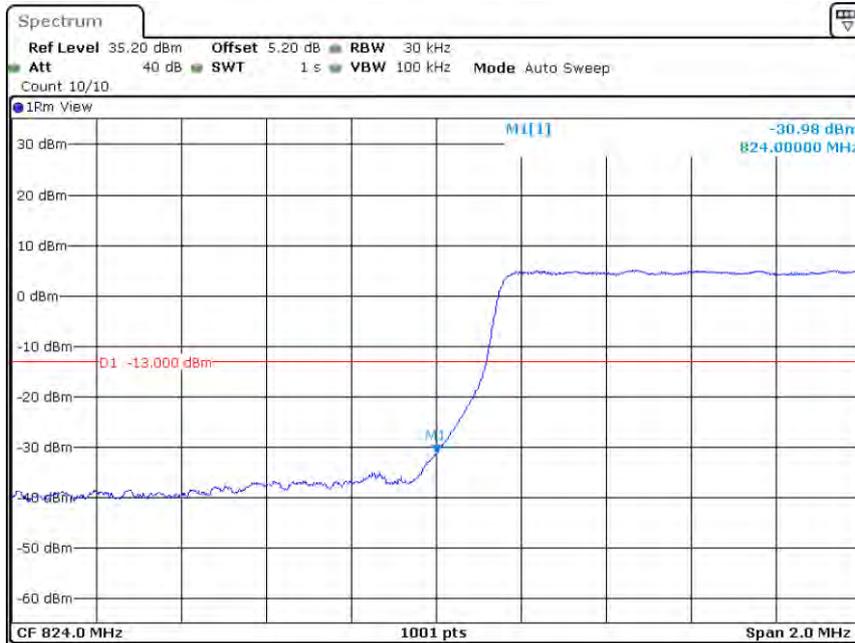


Date: 4.MAY.2021 00:46:00



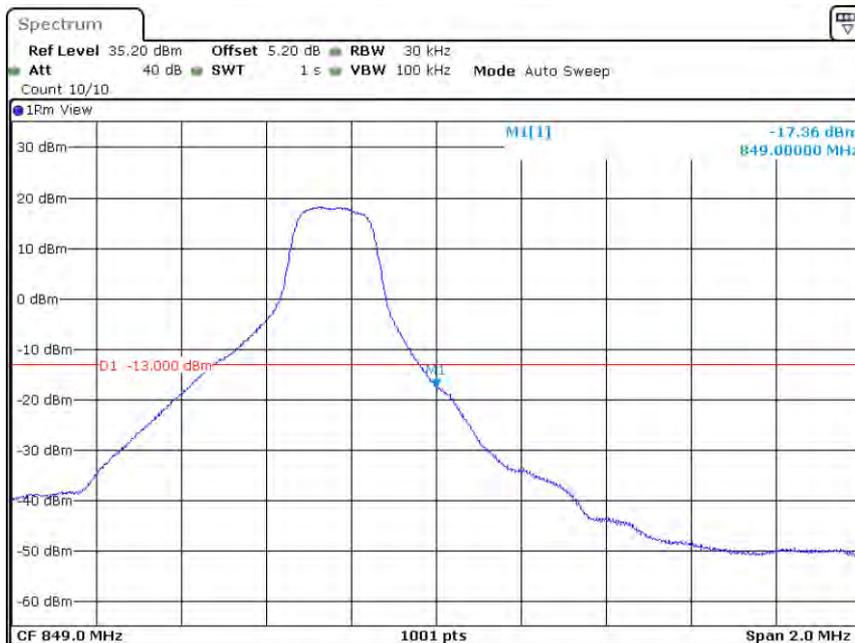
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Band5-3MHz-QPSK-20415-15RB#0



Date: 4.MAY.2021 00:46:42

Band5-3MHz-QPSK-20635-1RB#14



Date: 4.MAY.2021 00:47:28



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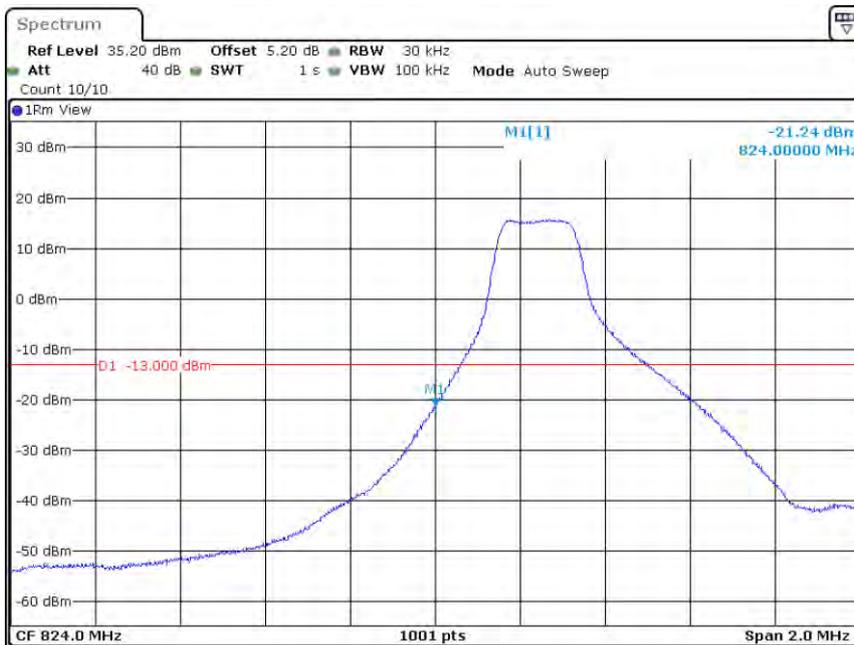


Band5-3MHz-QPSK-20635-15RB#0



Date: 4.MAY 2021 00:48:09

Band5-3MHz-64QAM-20415-1RB#0



Date: 4.MAY 2021 01:48:39



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Band5-3MHz-64QAM-20415-15RB#0



Date: 4.MAY.2021 01:49:00

Band5-3MHz-64QAM-20635-1RB#14



Date: 4.MAY.2021 01:49:25



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Band5-3MHz-64QAM-20635-15RB#0



Date: 4.MAY.2021 01:49:45

Band5-3MHz-16QAM-20415-1RB#0

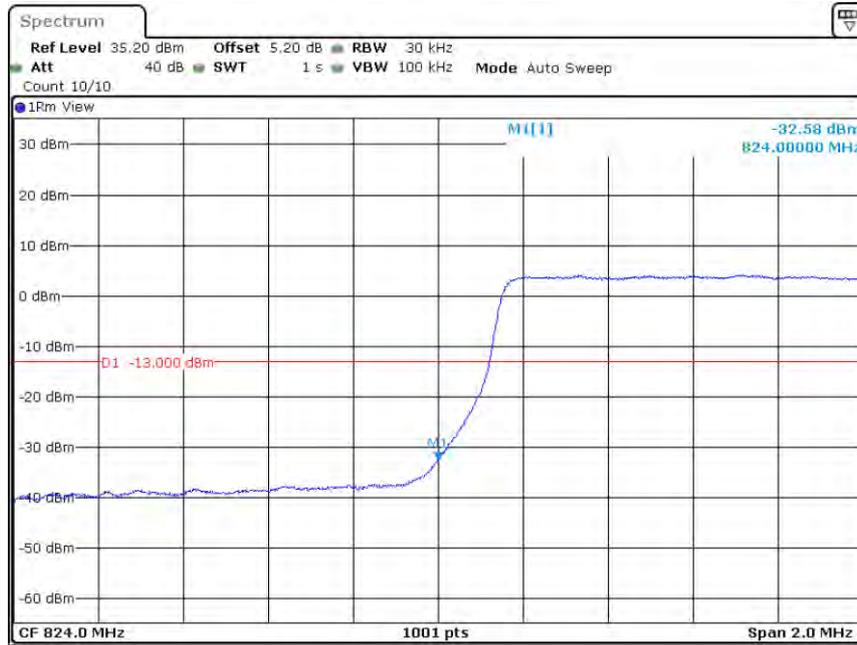


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Band5-3MHz-16QAM-20415-15RB#0



Date: 4.MAY.2021 00:47:03

Band5-3MHz-16QAM-20635-1RB#14



Date: 4.MAY.2021 00:47:49



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Band5-3MHz-16QAM-20635-15RB#0



Date: 4.MAY 2021 00:48:30

Band5-5MHz-QPSK-20425-1RB#0



Date: 4.MAY 2021 00:48:55



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Band5-5MHz-QPSK-20425-25RB#0



Date: 4.MAY.2021 00:49:36

Band5-5MHz-QPSK-20625-1RB#24



Date: 4.MAY.2021 00:50:21



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Band5-5MHz-QPSK-20625-25RB#0



Date: 4.MAY.2021 00:51:02

Band5-5MHz-64QAM-20425-1RB#0



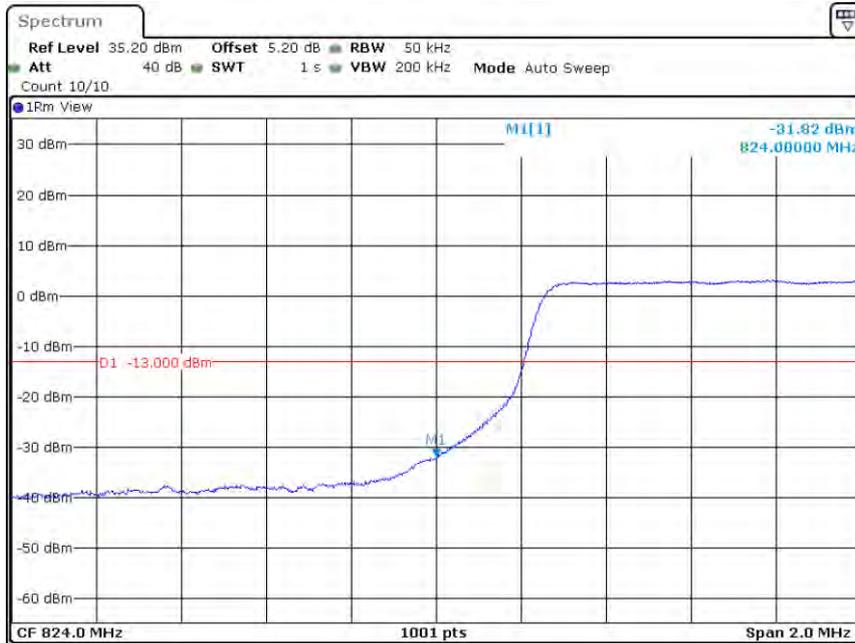
Date: 4.MAY.2021 01:50:11



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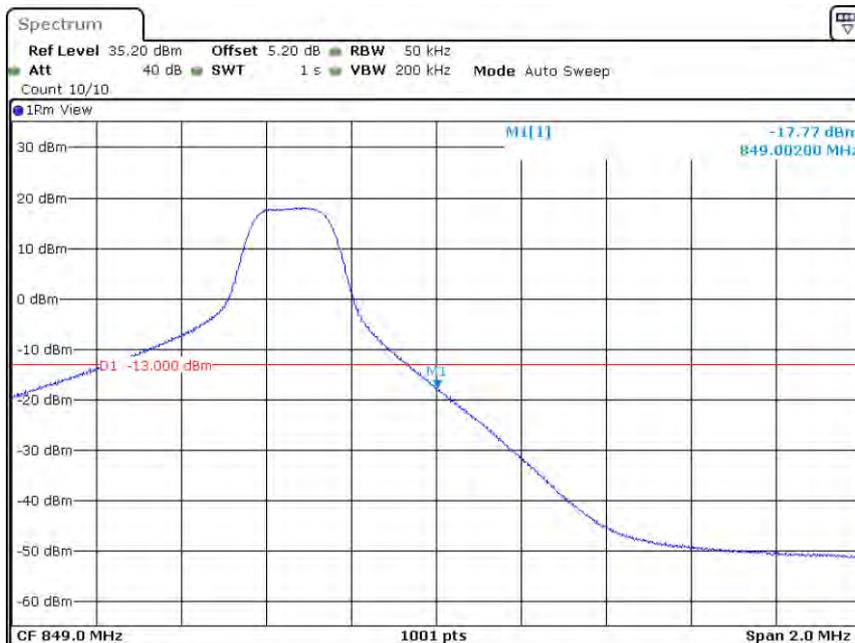


Band5-5MHz-64QAM-20425-25RB#0



Date: 4.MAY.2021 01:50:32

Band5-5MHz-64QAM-20625-1RB#24



Date: 4.MAY.2021 01:50:57



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Band5-5MHz-64QAM-20625-25RB#0



Date: 4.MAY.2021 01:51:17

Band5-5MHz-16QAM-20425-1RB#0

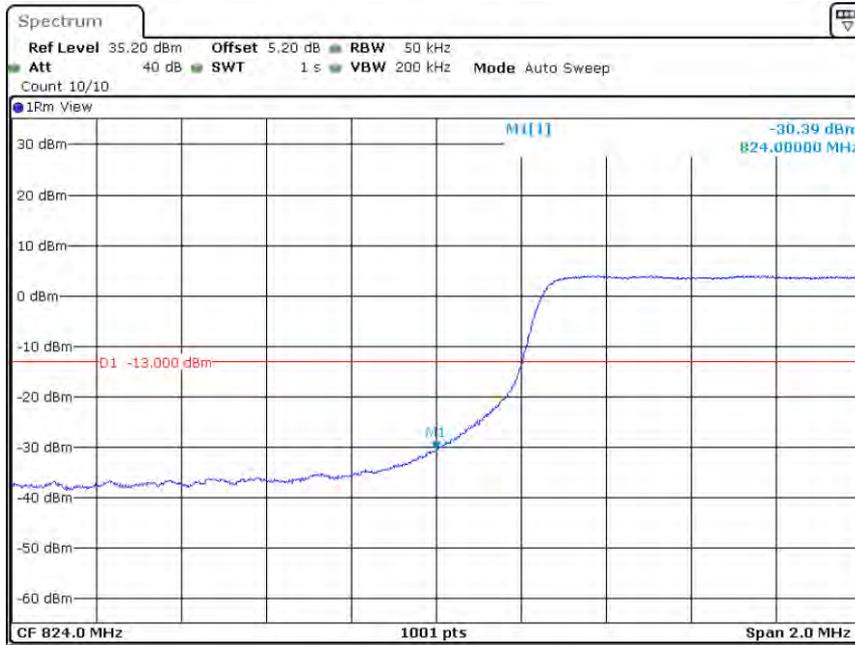


Date: 4.MAY.2021 00:49:15



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Band5-5MHz-16QAM-20425-25RB#0



Date: 4.MAY.2021 00:49:56

Band5-5MHz-16QAM-20625-1RB#24



Date: 4.MAY.2021 00:50:42



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Band5-5MHz-16QAM-20625-25RB#0



Date: 4.MAY.2021 00:51:23

Band5-10MHz-QPSK-20450-1RB#0



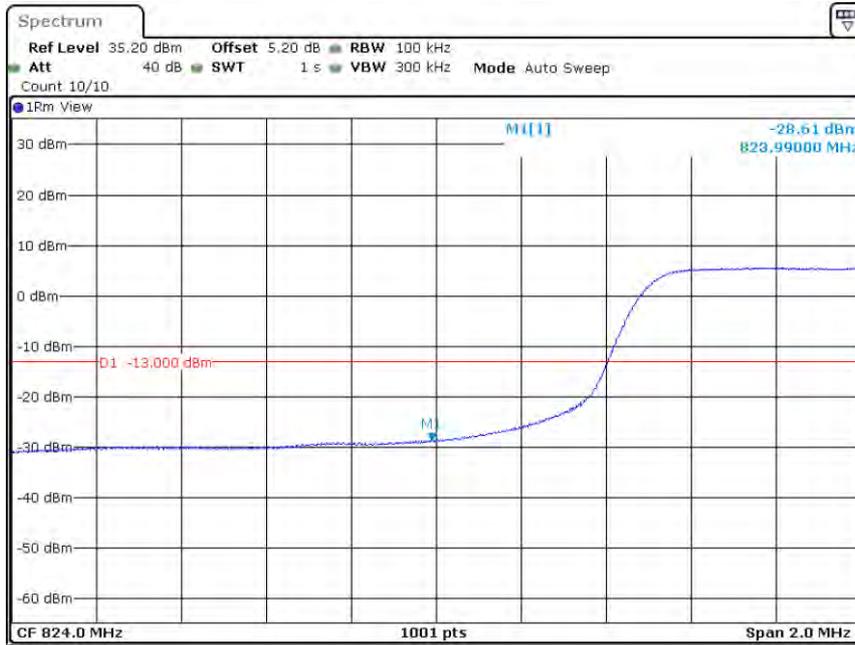
Date: 4.MAY.2021 00:51:48



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Band5-10MHz-QPSK-20450-50RB#0



Date: 4.MAY.2021 00:52:30

Band5-10MHz-QPSK-20600-1RB#49



Date: 4.MAY.2021 00:53:16



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Band5-10MHz-QPSK-20600-50RB#0



Date: 4.MAY.2021 00:53:57

Band5-10MHz-64QAM-20450-1RB#0



Date: 4.MAY.2021 01:51:43



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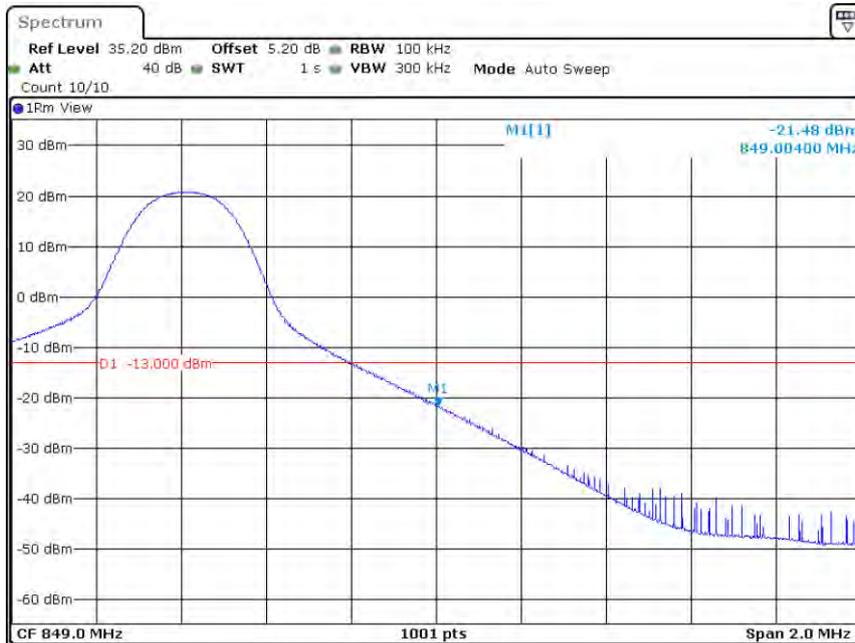


Band5-10MHz-64QAM-20450-50RB#0



Date: 4.MAY.2021 01:52:03

Band5-10MHz-64QAM-20600-1RB#49



Date: 4.MAY.2021 01:52:28



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Band5-10MHz-64QAM-20600-50RB#0



Date: 4.MAY.2021 01:52:49

Band5-10MHz-16QAM-20450-1RB#0



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Band5-10MHz-16QAM-20450-50RB#0



Date: 4.MAY.2021 00:52:51

Band5-10MHz-16QAM-20600-1RB#49



Date: 4.MAY.2021 00:53:36



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Band5-10MHz-16QAM-20600-50RB#0



Date: 4.MAY.2021 00:54:17



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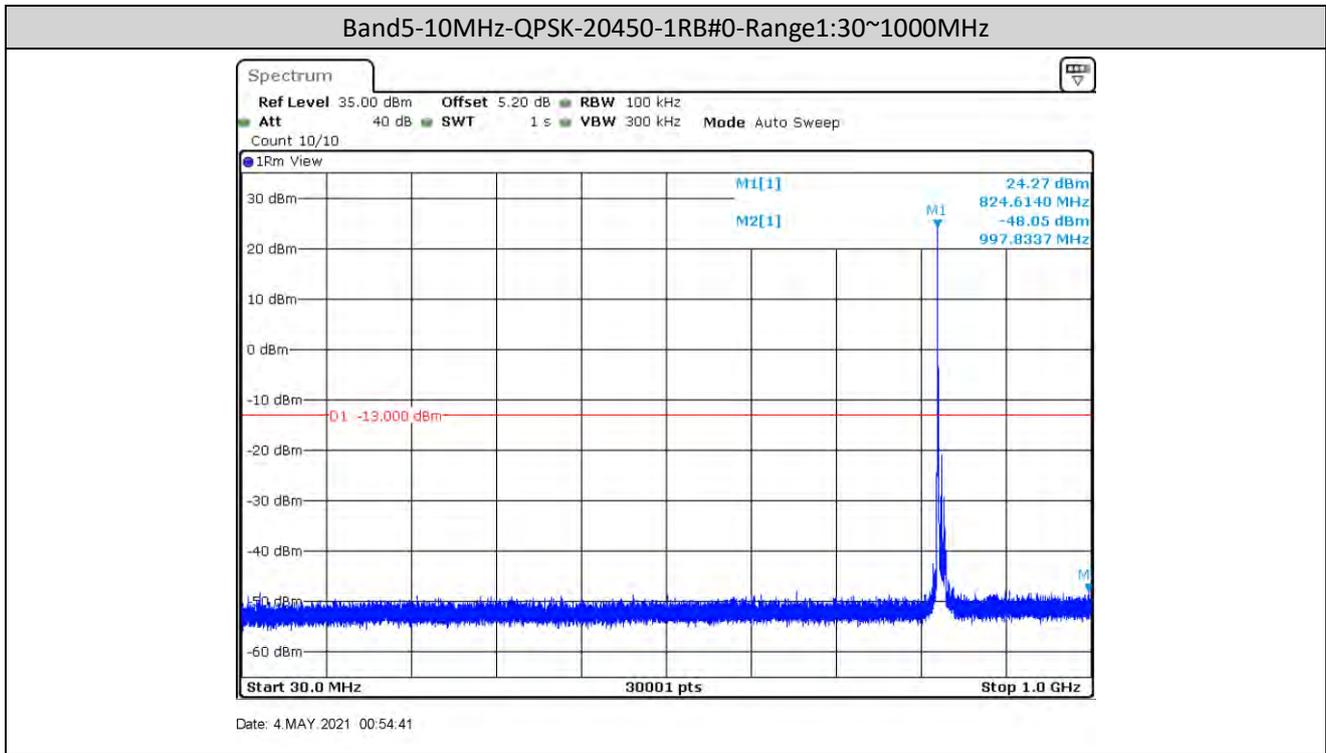
6. Spurious Emission at Antenna Terminal

Remark1: 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.

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

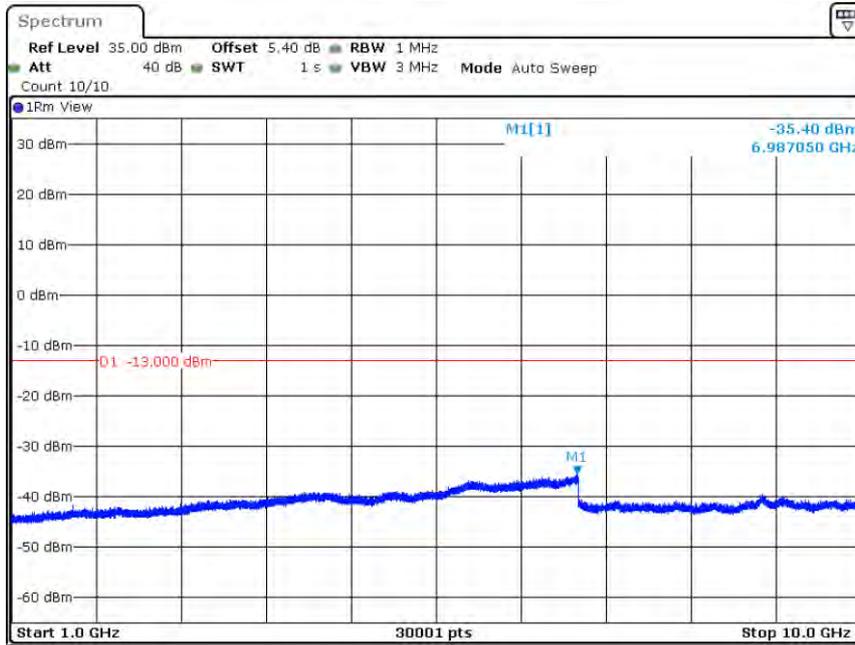
Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

6.1. Test Plots



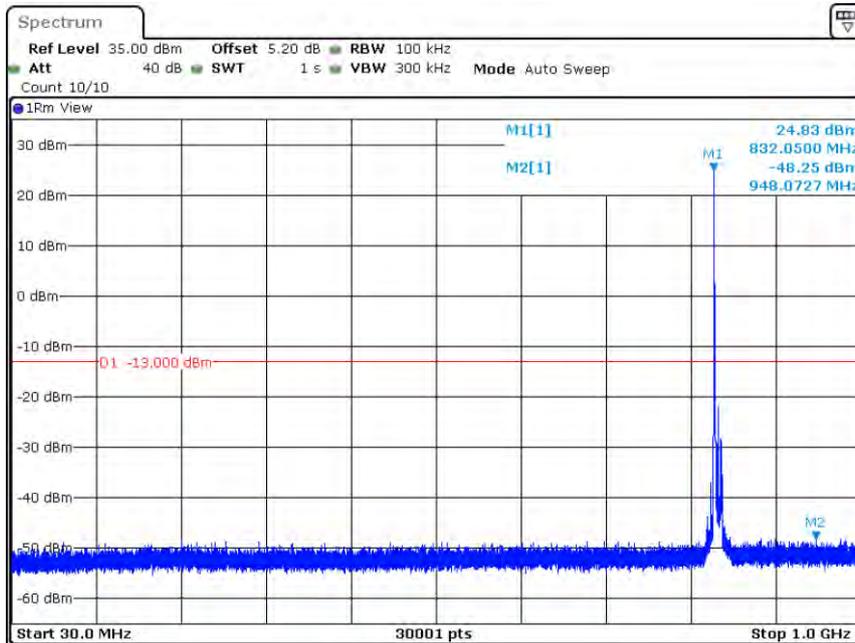
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Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Date: 4.MAY 2021 00:54:57

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

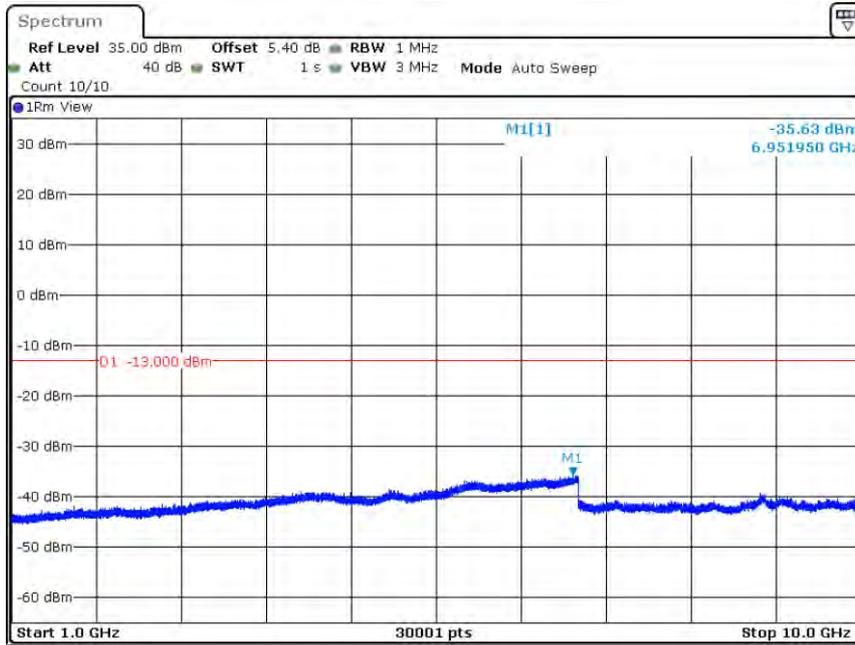


Date: 4.MAY 2021 00:55:52



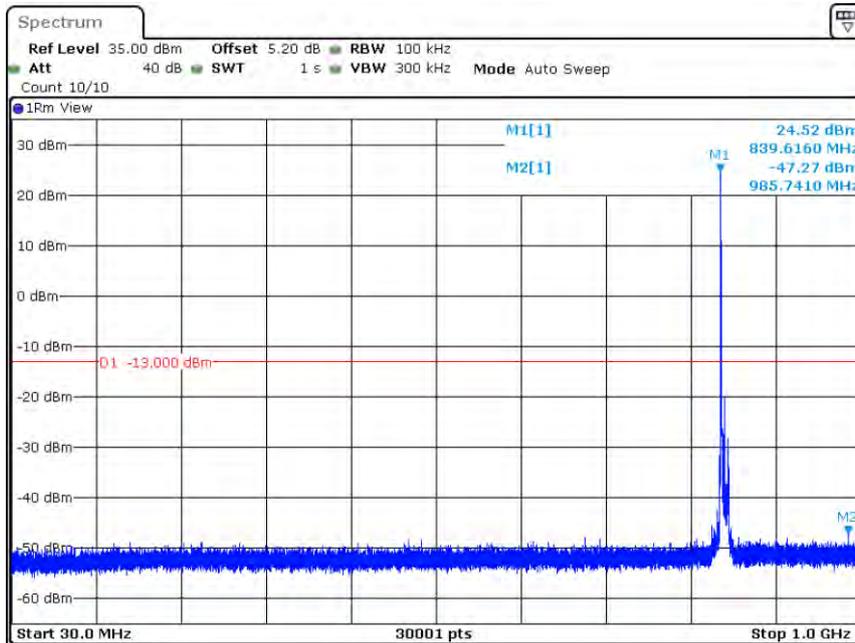
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Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 4.MAY.2021 00:56:07

Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz

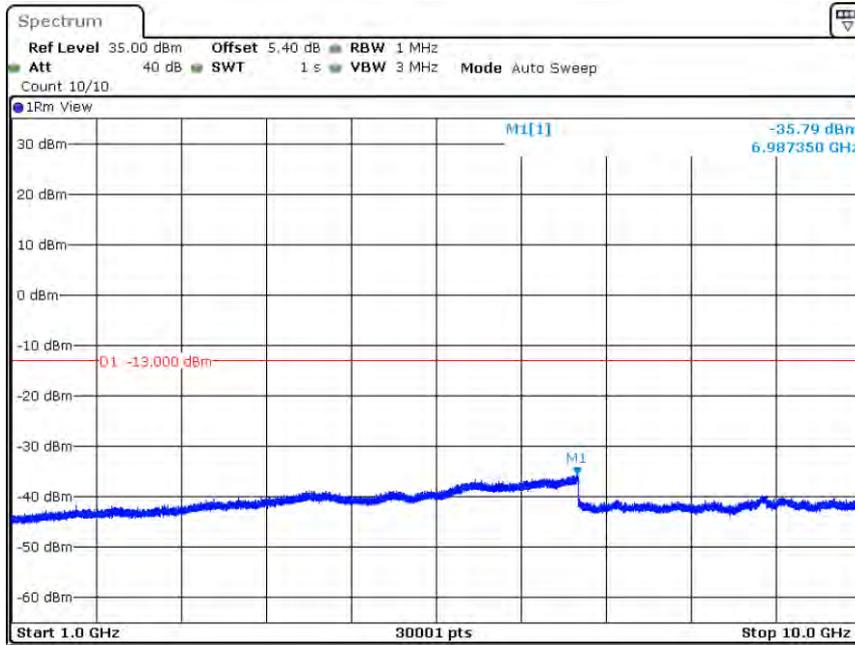


Date: 4.MAY.2021 00:57:02



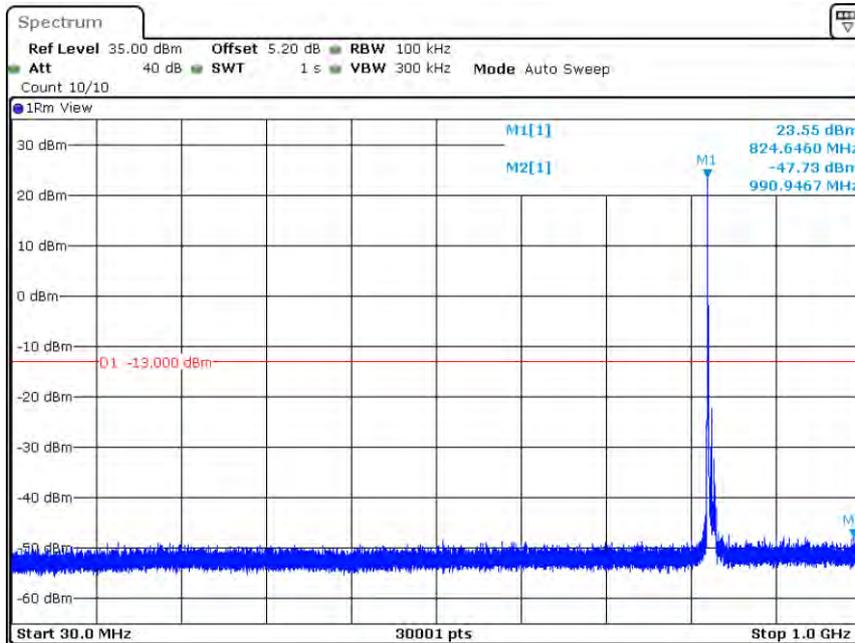
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Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



Date: 4.MAY.2021 00:57:17

Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



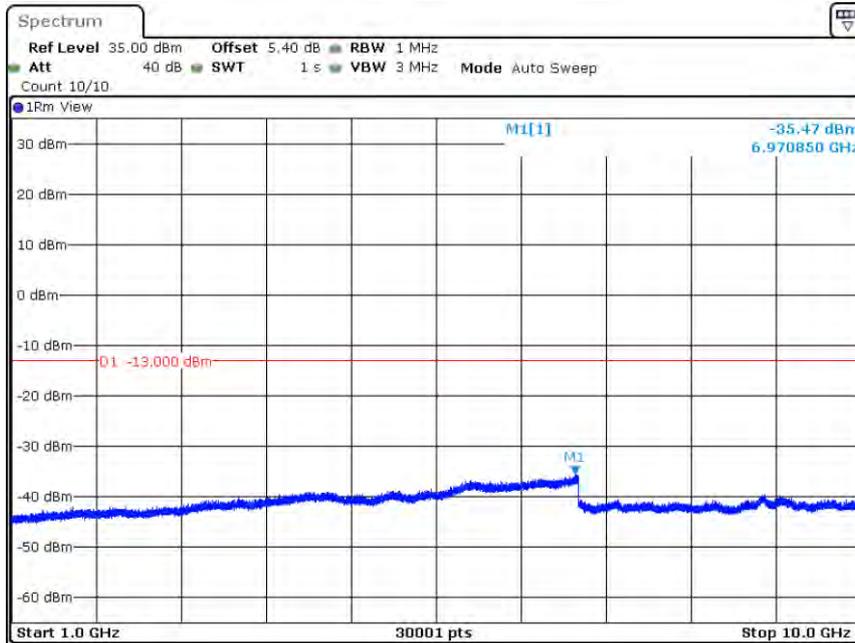
Date: 4.MAY.2021 01:53:13



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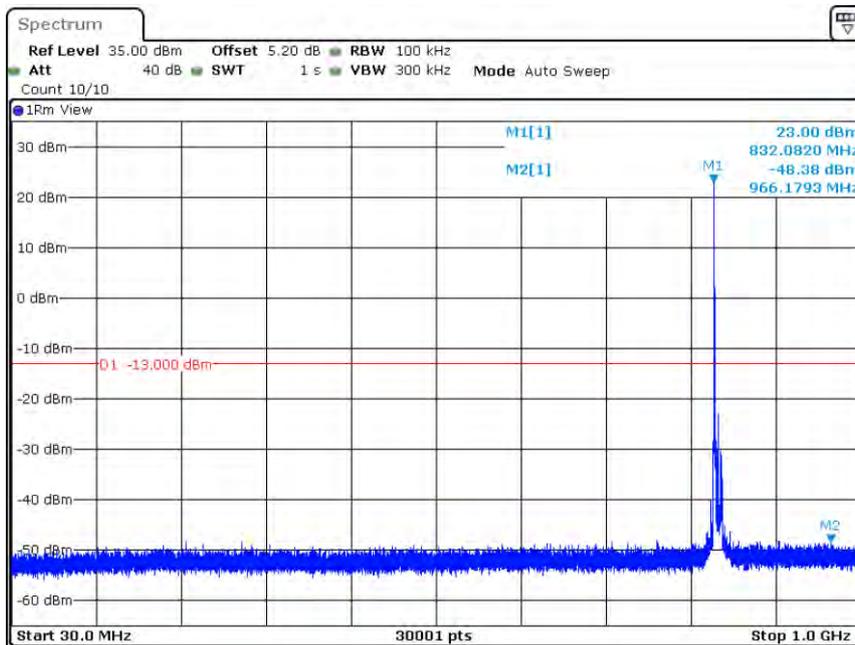
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Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 4.MAY 2021 01:53:28

Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz

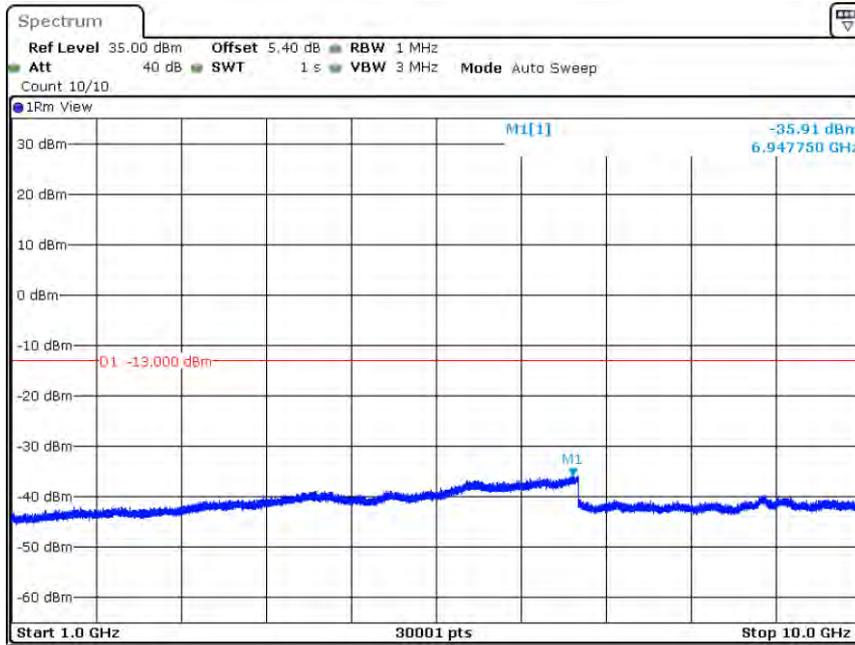


Date: 4.MAY 2021 01:53:48



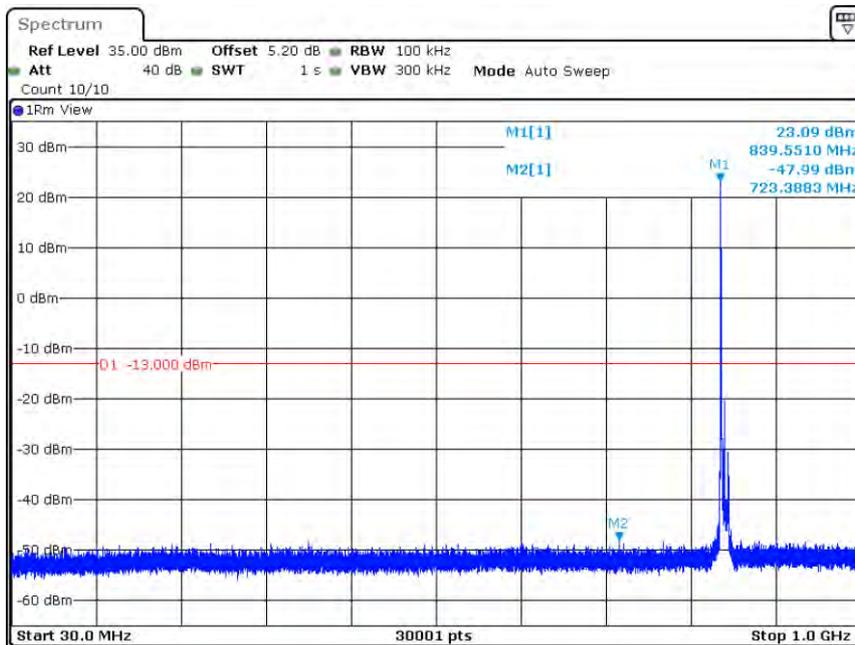
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Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 4.MAY.2021 01:54:04

Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



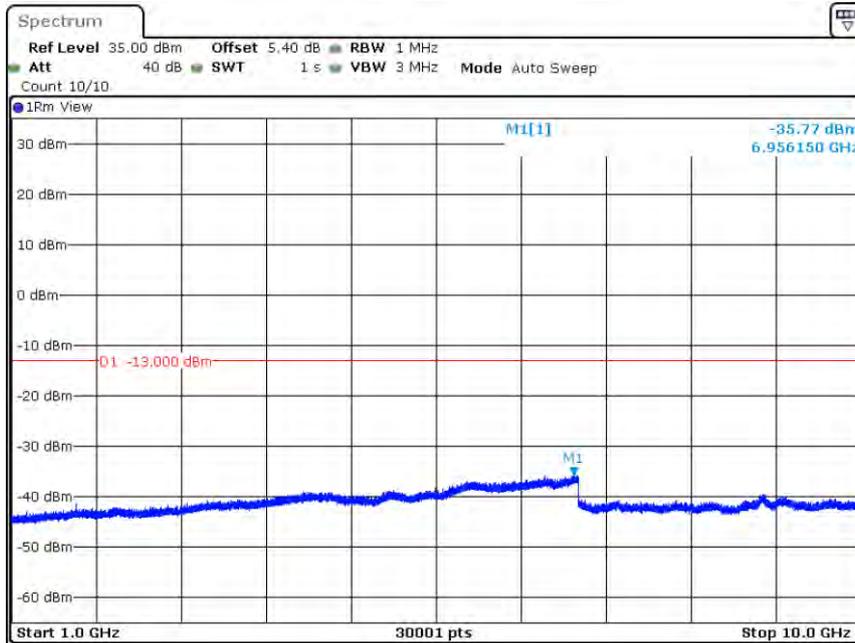
Date: 4.MAY.2021 01:54:23



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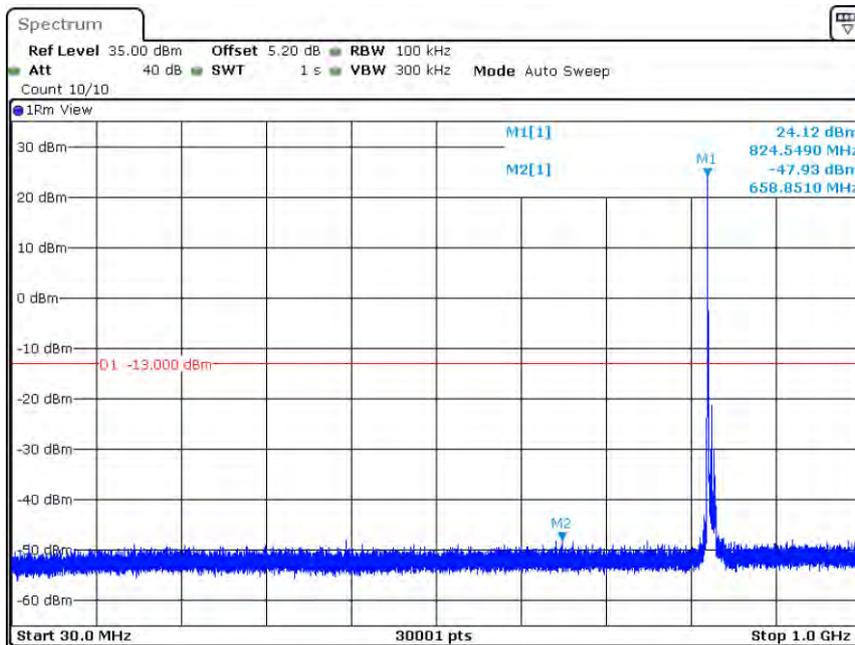
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Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 4.MAY 2021 01:54:39

Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz

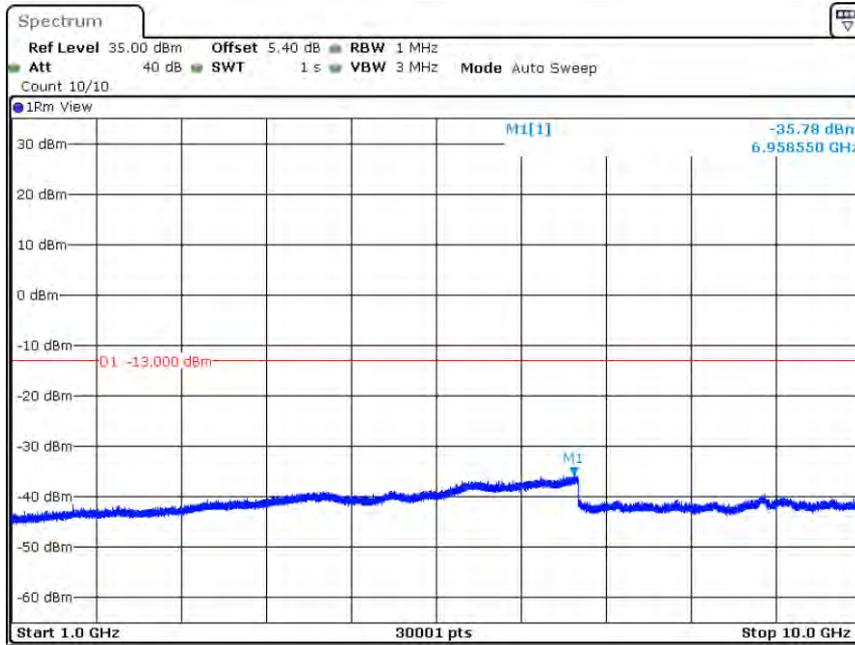


Date: 4.MAY 2021 00:55:16



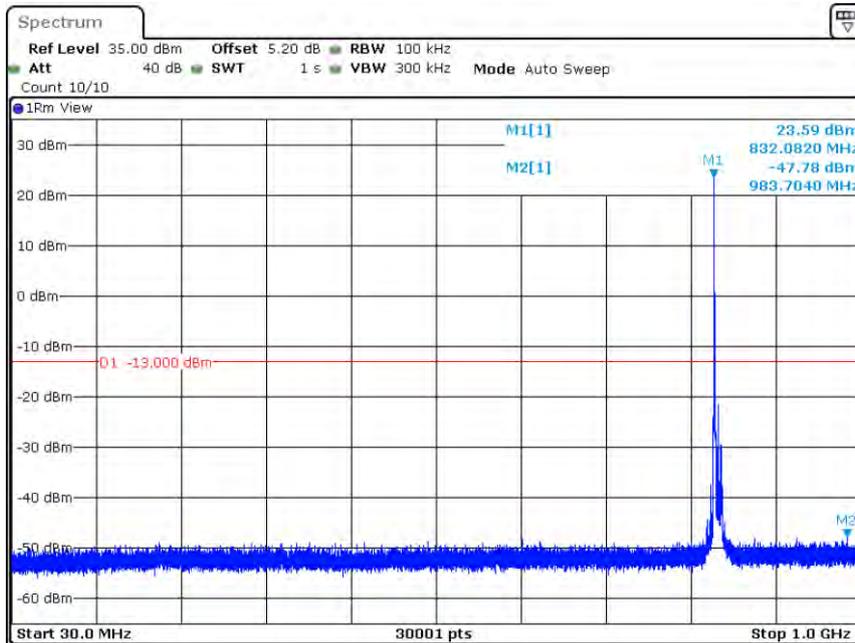
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Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 4.MAY.2021 00:55:32

Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz

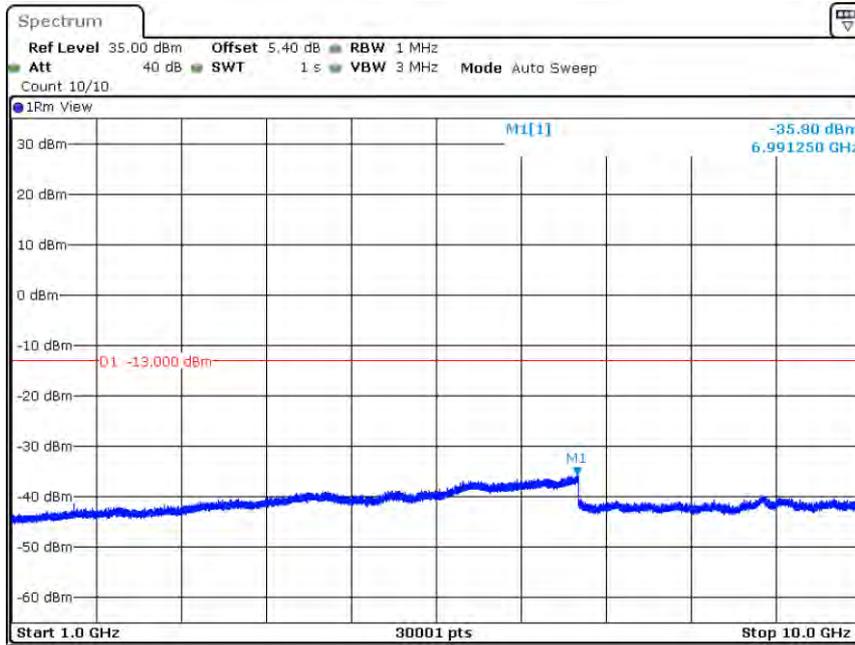


Date: 4.MAY.2021 00:56:27



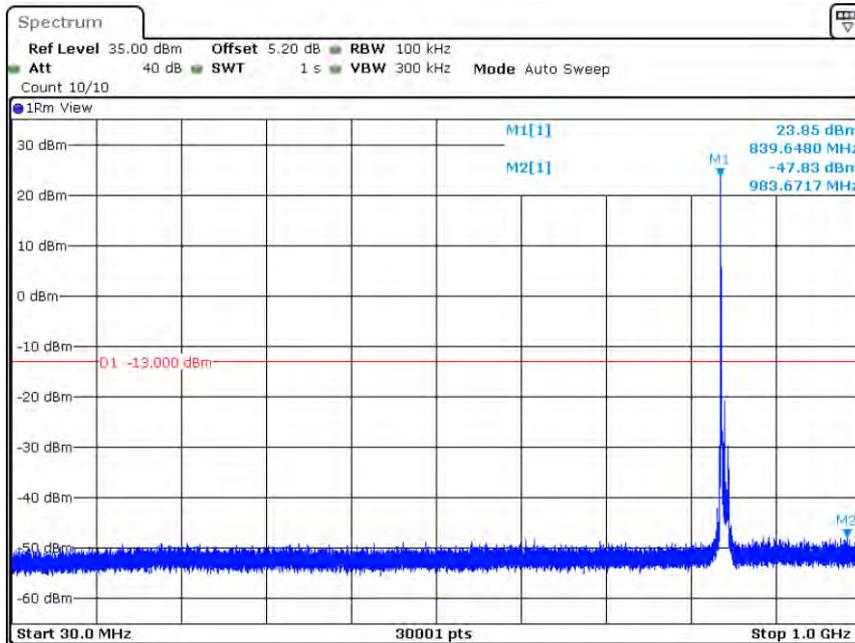
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Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 4.MAY.2021 00:56:42

Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 4.MAY.2021 00:57:37

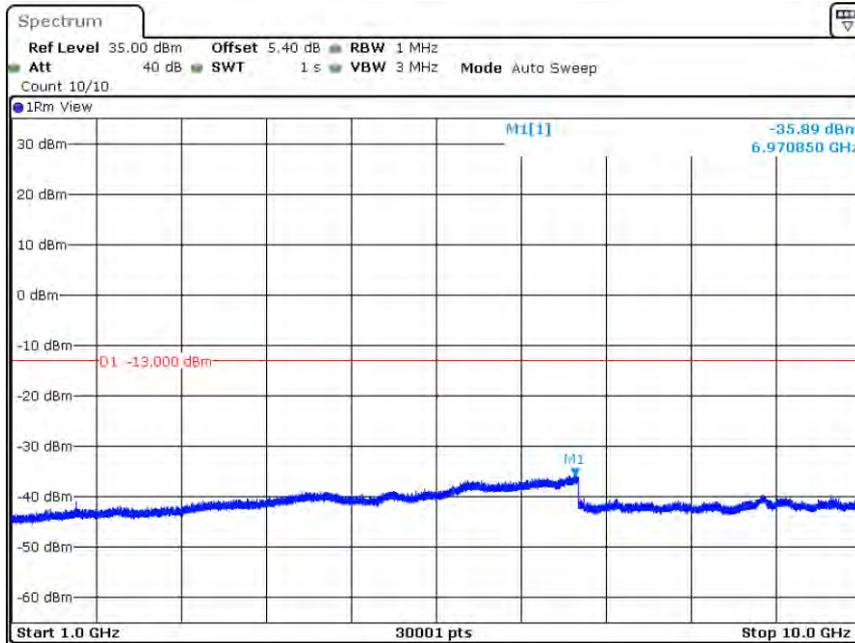


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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_Band=5 BW=20MHz ANT0

7.1.1. Test Channel = Low Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 43.8522 | -71.43 | -55.47 | -13.00 | 42.47 | Horizontal |
| 2 | 492.3981 | -73.89 | -60.08 | -13.00 | 47.08 | Horizontal |
| 3 | 1772.4386 | -60.84 | -49.54 | -13.00 | 36.54 | Horizontal |
| 4 | 2688.9844 | -66.71 | -48.20 | -13.00 | 35.20 | Horizontal |
| 5 | 5280.0140 | -57.16 | -55.98 | -13.00 | 42.98 | Horizontal |
| 6 | 9953.7977 | -60.48 | -53.83 | -13.00 | 40.83 | Horizontal |



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7.2. Test Band = LTE_Band=5 BW=20MHz ANT0

7.2.1. Test Channel = Low Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.3954 | -70.60 | -64.40 | -13.00 | 51.40 | Vertical |
| 2 | 110.6296 | -75.30 | -60.04 | -13.00 | 47.04 | Vertical |
| 3 | 530.9668 | -74.20 | -60.11 | -13.00 | 47.11 | Vertical |
| 4 | 2235.6618 | -67.52 | -52.16 | -13.00 | 39.16 | Vertical |
| 5 | 5445.5723 | -57.39 | -58.59 | -13.00 | 45.59 | Vertical |
| 6 | 9672.3836 | -60.90 | -53.29 | -13.00 | 40.29 | Vertical |



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7.3. Test Band = LTE_Band=5 BW=20MHz ANT0

7.3.1. Test Channel = Mid Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 46.9175 | -67.22 | -52.26 | -13.00 | 39.26 | Horizontal |
| 2 | 232.4665 | -74.99 | -63.47 | -13.00 | 50.47 | Horizontal |
| 3 | 616.7183 | -72.90 | -56.59 | -13.00 | 43.59 | Horizontal |
| 4 | 2692.1846 | -66.73 | -48.10 | -13.00 | 35.10 | Horizontal |
| 5 | 5299.9650 | -57.77 | -56.16 | -13.00 | 43.16 | Horizontal |
| 6 | 9602.7301 | -59.72 | -53.19 | -13.00 | 40.19 | Horizontal |



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7.4. Test Band = LTE_Band=5 BW=20MHz ANT0

7.4.1. Test Channel = Mid Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 43.7746 | -72.68 | -67.02 | -13.00 | 54.02 | Vertical |
| 2 | 107.2539 | -75.18 | -60.44 | -13.00 | 47.44 | Vertical |
| 3 | 547.8843 | -72.52 | -58.67 | -13.00 | 45.67 | Vertical |
| 4 | 2734.0867 | -66.63 | -49.24 | -13.00 | 36.24 | Vertical |
| 5 | 5299.2650 | -57.55 | -56.48 | -13.00 | 43.48 | Vertical |
| 6 | 9732.5866 | -60.03 | -52.11 | -13.00 | 39.11 | Vertical |



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7.5. Test Band = LTE_Band=5 BW=20MHz ANT0

7.5.1. Test Channel = High Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 42.8821 | -71.73 | -55.84 | -13.00 | 42.84 | Horizontal |
| 2 | 235.5706 | -75.35 | -63.75 | -13.00 | 50.75 | Horizontal |
| 3 | 1484.3242 | -64.07 | -53.54 | -13.00 | 40.54 | Horizontal |
| 4 | 2697.9849 | -66.98 | -48.12 | -13.00 | 35.12 | Horizontal |
| 5 | 5285.9643 | -57.32 | -56.01 | -13.00 | 43.01 | Horizontal |
| 6 | 9293.6647 | -59.97 | -53.22 | -13.00 | 40.22 | Horizontal |



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7.6. Test Band = LTE_Band=5 BW=20MHz ANT0

7.6.1. Test Channel = High Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 66.2407 | -75.92 | -65.28 | -13.00 | 52.28 | Vertical |
| 2 | 109.3104 | -75.80 | -60.63 | -13.00 | 47.63 | Vertical |
| 3 | 602.8661 | -73.77 | -57.36 | -13.00 | 44.36 | Vertical |
| 4 | 2691.9846 | -66.23 | -48.79 | -13.00 | 35.79 | Vertical |
| 5 | 5304.5152 | -57.67 | -56.65 | -13.00 | 43.65 | Vertical |
| 6 | 9903.3952 | -60.62 | -52.92 | -13.00 | 39.92 | Vertical |



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7.7. Test Band = LTE_Band=5 BW=20MHz ANT4

7.7.1. Test Channel = Low Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.3954 | -71.39 | -55.40 | -13.00 | 42.40 | Horizontal |
| 2 | 241.1580 | -74.60 | -62.91 | -13.00 | 49.91 | Horizontal |
| 3 | 563.5213 | -73.01 | -57.21 | -13.00 | 44.21 | Horizontal |
| 4 | 2710.1855 | -66.23 | -47.73 | -13.00 | 34.73 | Horizontal |
| 5 | 5292.9646 | -57.26 | -55.80 | -13.00 | 42.80 | Horizontal |
| 6 | 9360.8680 | -59.92 | -53.29 | -13.00 | 40.29 | Horizontal |



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7.8. Test Band = LTE_Band=5 BW=20MHz ANT4

7.8.1. Test Channel = Low Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.3566 | -71.97 | -65.80 | -13.00 | 52.80 | Vertical |
| 2 | 111.1340 | -74.94 | -59.72 | -13.00 | 46.72 | Vertical |
| 3 | 509.7036 | -73.87 | -60.02 | -13.00 | 47.02 | Vertical |
| 4 | 2695.5848 | -66.65 | -49.10 | -13.00 | 36.10 | Vertical |
| 5 | 5291.9146 | -57.38 | -56.46 | -13.00 | 43.46 | Vertical |
| 6 | 9286.3143 | -60.19 | -53.27 | -13.00 | 40.27 | Vertical |



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7.9. Test Band = LTE_Band=5 BW=20MHz ANT4

7.9.1. Test Channel = Mid Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.3566 | -71.84 | -55.85 | -13.00 | 42.85 | Horizontal |
| 2 | 239.2568 | -74.47 | -62.78 | -13.00 | 49.78 | Horizontal |
| 3 | 579.7792 | -73.39 | -57.41 | -13.00 | 44.41 | Horizontal |
| 4 | 2464.6732 | -36.27 | -20.16 | -13.00 | 7.16 | Horizontal |
| 5 | 5289.8145 | -57.72 | -56.33 | -13.00 | 43.33 | Horizontal |
| 6 | 9347.5674 | -59.96 | -53.29 | -13.00 | 40.29 | Horizontal |



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7.10. Test Band = LTE_Band=5 BW=20MHz ANT4

7.10.1. Test Channel = Mid Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 45.1326 | -72.51 | -65.75 | -13.00 | 52.75 | Vertical |
| 2 | 115.9842 | -75.02 | -60.19 | -13.00 | 47.19 | Vertical |
| 3 | 530.3072 | -73.20 | -59.09 | -13.00 | 46.09 | Vertical |
| 4 | 1617.9309 | -67.73 | -56.29 | -13.00 | 43.29 | Vertical |
| 5 | 2464.5732 | -36.05 | -21.22 | -13.00 | 8.22 | Vertical |
| 6 | 5304.8652 | -57.65 | -56.64 | -13.00 | 43.64 | Vertical |



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7.11. Test Band = LTE_Band=5 BW=20MHz ANT4

7.11.1. Test Channel = High Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 43.7357 | -71.21 | -55.26 | -13.00 | 42.26 | Horizontal |
| 2 | 244.9218 | -74.79 | -63.17 | -13.00 | 50.17 | Horizontal |
| 3 | 1728.9364 | -61.12 | -50.28 | -13.00 | 37.28 | Horizontal |
| 4 | 2999.8000 | -65.67 | -45.31 | -13.00 | 32.31 | Horizontal |
| 5 | 5296.4648 | -57.99 | -56.46 | -13.00 | 43.46 | Horizontal |
| 6 | 9297.8649 | -60.37 | -53.64 | -13.00 | 40.64 | Horizontal |



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7.12. Test Band = LTE_Band=5 BW=20MHz ANT4

7.12.1. Test Channel = High Channel

| Suspected Data List | | | | | | |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.7058 | -71.39 | -64.92 | -13.00 | 51.92 | Vertical |
| 2 | 109.3104 | -74.71 | -59.54 | -13.00 | 46.54 | Vertical |
| 3 | 382.5509 | -74.59 | -62.13 | -13.00 | 49.13 | Vertical |
| 4 | 2979.5990 | -65.55 | -45.27 | -13.00 | 32.27 | Vertical |
| 5 | 5293.3147 | -57.49 | -56.54 | -13.00 | 43.54 | Vertical |
| 6 | 9847.3924 | -60.67 | -52.92 | -13.00 | 39.92 | Vertical |

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VL | NT | 7.00 | 0.008444 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VN | NT | 9.00 | 0.010856 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VH | NT | 10.10 | 0.012183 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VL | NT | 3.60 | 0.004304 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VN | NT | 4.00 | 0.004782 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VH | NT | 6.10 | 0.007292 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VL | NT | 6.90 | 0.008175 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VN | NT | 4.40 | 0.005213 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VH | NT | 9.80 | 0.011611 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | VL | NT | 9.10 | 0.010977 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | VN | NT | 12.00 | 0.014475 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | VH | NT | 8.50 | 0.010253 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | VL | NT | 3.60 | 0.004304 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | VN | NT | 3.60 | 0.004304 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | VH | NT | 5.30 | 0.006336 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | VL | NT | 7.80 | 0.009242 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | VN | NT | 4.60 | 0.005450 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | VH | NT | 10.80 | 0.012796 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VL | NT | 7.50 | 0.009047 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VN | NT | 12.60 | 0.015199 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VH | NT | 6.10 | 0.007358 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VL | NT | 6.00 | 0.007173 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VN | NT | 2.30 | 0.002750 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VH | NT | 2.00 | 0.002391 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VL | NT | 7.70 | 0.009123 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VN | NT | 4.70 | 0.005569 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VH | NT | 8.30 | 0.009834 | ±2.5 | PASS |



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8.2. Frequency Vs Temperature

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | -30 | 8.10 | 0.009771 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | -20 | 8.40 | 0.010133 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | -10 | 10.70 | 0.012907 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 0 | 8.20 | 0.009891 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 10 | 8.70 | 0.010495 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 20 | 8.30 | 0.010012 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 30 | 6.60 | 0.007961 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 40 | 9.10 | 0.010977 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 50 | 9.60 | 0.011580 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -30 | 4.30 | 0.005140 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -20 | 2.20 | 0.002630 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -10 | 0.30 | 0.000359 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 0 | 2.40 | 0.002869 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 10 | 5.30 | 0.006336 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 20 | 3.10 | 0.003706 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 30 | 2.90 | 0.003467 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 40 | 4.80 | 0.005738 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 50 | 6.70 | 0.008010 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -30 | 10.10 | 0.011967 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -20 | 3.00 | 0.003555 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -10 | 5.60 | 0.006635 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 0 | 6.70 | 0.007938 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 10 | 6.30 | 0.007464 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 20 | 8.70 | 0.010308 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 30 | 9.30 | 0.011019 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 40 | 9.40 | 0.011137 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 50 | 9.60 | 0.011374 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -30 | 10.40 | 0.012545 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -20 | 6.70 | 0.008082 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -10 | 13.10 | 0.015802 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 0 | 10.60 | 0.012786 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 10 | 6.00 | 0.007238 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 20 | 6.60 | 0.007961 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 30 | 6.70 | 0.008082 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|--------|----|-----|-------|----------|------|------|
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 40 | 10.30 | 0.012425 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 50 | 10.80 | 0.013028 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -30 | 2.20 | 0.002630 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -20 | 4.50 | 0.005380 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -10 | 2.20 | 0.002630 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 0 | 2.20 | 0.002630 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 10 | 6.50 | 0.007770 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 20 | 5.70 | 0.006814 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 30 | 2.20 | 0.002630 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 40 | 7.40 | 0.008846 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 50 | 5.50 | 0.006575 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -30 | 9.30 | 0.011019 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -20 | 9.10 | 0.010782 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -10 | 9.10 | 0.010782 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 0 | 6.70 | 0.007938 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 10 | 6.70 | 0.007938 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 20 | 8.70 | 0.010308 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 30 | 7.40 | 0.008768 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 40 | 8.70 | 0.010308 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 50 | 6.50 | 0.007701 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | 8.80 | 0.010615 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 8.90 | 0.010736 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -10 | 6.00 | 0.007238 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0 | 8.90 | 0.010736 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10 | 9.70 | 0.011701 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20 | 9.50 | 0.011460 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30 | 11.00 | 0.013269 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40 | 7.10 | 0.008565 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50 | 11.20 | 0.013510 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | 5.90 | 0.007053 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | 4.80 | 0.005738 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -10 | 6.70 | 0.008010 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0 | 7.90 | 0.009444 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10 | 4.40 | 0.005260 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20 | 4.00 | 0.004782 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30 | 4.80 | 0.005738 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40 | 5.30 | 0.006336 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50 | 2.40 | 0.002869 | ±2.5 | PASS |



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|-------|-------|-------|-------|--------|----|-----|-------|----------|------|------|
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | 10.10 | 0.011967 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | 13.00 | 0.015403 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -10 | 4.80 | 0.005687 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0 | 8.00 | 0.009479 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10 | 4.60 | 0.005450 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20 | 8.40 | 0.009953 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30 | 8.90 | 0.010545 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40 | 8.60 | 0.010190 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50 | 8.10 | 0.009597 | ±2.5 | PASS |



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