



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) | 10 |
| 2.1. | TEST RESULT | 10 |
| 2.2. | TEST PLOTS..... | 10 |
| 3. | MODULATION CHARACTERISTICS | 14 |
| 3.1. | TEST MODE = LTE /TM1 10MHZ..... | 14 |
| 3.1.1. | TEST CHANNEL = MCH..... | 14 |
| 3.2. | TEST MODE = LTE /TM2 10MHZ..... | 15 |
| 3.2.1. | TEST CHANNEL = MCH..... | 15 |
| 4. | 26DB BANDWIDTH AND OCCUPIED BANDWIDTH | 16 |
| 4.1. | TEST RESULT | 16 |
| 4.2. | TEST PLOTS..... | 17 |
| 5. | BAND EDGE COMPLIANCE | 29 |
| 5.1. | TEST PLOTS..... | 29 |
| 6. | SPURIOUS EMISSION AT ANTENNA TERMINAL | 46 |
| 6.1. | TEST PLOTS..... | 46 |
| 7. | FIELD STRENGTH OF SPURIOUS RADIATION | 53 |
| 7.1. | Test Band = LTE_5 _TM1 | 53 |
| 7.1.1. | Test Channel = Low Channel | 53 |
| 7.2. | Test Band = LTE_5 _TM1 | 54 |
| 7.2.1. | Test Channel = Low Channel | 54 |
| 7.3. | Test Band = LTE_5 _TM1 | 55 |
| 7.3.1. | Test Channel = Mid Channel | 55 |
| 7.4. | Test Band = LTE_5 _TM1 | 56 |
| 7.4.1. | Test Channel = Mid Channel | 56 |
| 7.5. | Test Band = LTE_5 _TM1 | 57 |
| 7.5.1. | Test Channel = High Channel | 57 |
| 7.6. | Test Band = LTE_5 _TM1 | 58 |
| 7.6.1. | Test Channel = High Channel | 58 |



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|------|--------------------------------|----|
| 8. | FREQUENCY STABILITY | 59 |
| 8.1. | FREQUENCY VS VOLTAGE | 59 |
| 8.2. | FREQUENCY VS TEMPERATURE | 59 |



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|-----------|-------------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | 23.37 | 24.43 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#2 | 23.43 | 24.49 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | 23.32 | 24.38 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#0 | 23.45 | 24.51 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#1 | 23.30 | 24.36 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#3 | 23.48 | 24.54 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 22.39 | 23.45 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#0 | 23.30 | 24.36 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#5 | 23.36 | 24.42 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#2 | 23.28 | 24.34 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#0 | 23.39 | 24.45 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#1 | 23.45 | 24.51 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#3 | 23.45 | 24.51 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 22.48 | 23.54 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | 23.15 | 24.21 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | 23.41 | 24.47 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#2 | 23.28 | 24.34 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#0 | 23.35 | 24.41 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#1 | 23.30 | 24.36 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#3 | 23.41 | 24.47 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 22.35 | 23.41 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 22.34 | 23.40 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 22.87 | 23.93 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 22.73 | 23.79 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 22.27 | 23.33 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 22.48 | 23.54 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 22.35 | 23.41 | 38.45 | PASS |



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| | | | | | | | | |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 21.61 | 22.67 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 22.35 | 23.41 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 22.71 | 23.77 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 22.77 | 23.83 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 22.30 | 23.36 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 22.38 | 23.44 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 22.32 | 23.38 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 21.46 | 22.52 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 22.68 | 23.74 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 22.87 | 23.93 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 22.61 | 23.67 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 22.37 | 23.43 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1 | 22.34 | 23.40 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3 | 22.39 | 23.45 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 21.35 | 22.41 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#8 | 23.43 | 24.49 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#14 | 23.59 | 24.65 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | 23.40 | 24.46 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#0 | 22.40 | 23.46 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#4 | 22.49 | 23.55 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#7 | 22.40 | 23.46 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 22.37 | 23.43 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#0 | 23.28 | 24.34 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#14 | 23.68 | 24.74 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#8 | 23.43 | 24.49 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#7 | 22.41 | 23.47 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#0 | 22.52 | 23.58 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#4 | 22.37 | 23.43 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 22.42 | 23.48 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#8 | 23.37 | 24.43 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | 23.46 | 24.52 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#14 | 23.34 | 24.40 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#0 | 22.29 | 23.35 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 3MHz | QPSK | 20635 | 8RB#7 | 22.43 | 23.49 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#4 | 22.47 | 23.53 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 22.36 | 23.42 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.62 | 23.68 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 22.77 | 23.83 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8 | 22.78 | 23.84 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7 | 21.49 | 22.55 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4 | 21.55 | 22.61 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0 | 21.48 | 22.54 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 21.30 | 22.36 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 22.79 | 23.85 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 22.94 | 24.00 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8 | 22.53 | 23.59 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7 | 21.52 | 22.58 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0 | 21.59 | 22.65 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4 | 21.45 | 22.51 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 21.43 | 22.49 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8 | 22.79 | 23.85 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 23.00 | 24.06 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 22.75 | 23.81 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0 | 21.38 | 22.44 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4 | 21.58 | 22.64 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7 | 21.40 | 22.46 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 21.40 | 22.46 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | 23.31 | 24.37 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#12 | 23.39 | 24.45 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#24 | 23.36 | 24.42 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#0 | 22.35 | 23.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#6 | 22.40 | 23.46 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#13 | 22.47 | 23.53 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 22.44 | 23.50 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#0 | 23.30 | 24.36 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#24 | 23.44 | 24.50 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK | 20525 | 1RB#12 | 23.33 | 24.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#0 | 22.41 | 23.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#6 | 22.43 | 23.49 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#13 | 22.41 | 23.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 22.42 | 23.48 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#24 | 23.14 | 24.20 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | 23.24 | 24.30 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#12 | 23.33 | 24.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#0 | 22.44 | 23.50 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#6 | 22.48 | 23.54 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#13 | 22.31 | 23.37 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 22.34 | 23.40 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 22.43 | 23.49 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12 | 22.81 | 23.87 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24 | 22.43 | 23.49 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6 | 21.40 | 22.46 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0 | 21.57 | 22.63 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 21.58 | 22.64 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 21.57 | 22.63 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 22.66 | 23.72 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12 | 22.43 | 23.49 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24 | 22.14 | 23.20 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 21.45 | 22.51 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0 | 21.43 | 22.49 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6 | 21.35 | 22.41 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 21.38 | 22.44 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12 | 22.59 | 23.65 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0 | 22.73 | 23.79 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24 | 22.15 | 23.21 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0 | 21.45 | 22.51 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#6 | 21.46 | 22.52 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#13 | 21.42 | 22.48 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 21.39 | 22.45 | 38.45 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | 23.39 | 24.45 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#24 | 23.57 | 24.63 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 23.30 | 24.36 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#0 | 22.38 | 23.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#12 | 22.45 | 23.51 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#25 | 22.49 | 23.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 22.46 | 23.52 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 23.44 | 24.50 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#49 | 23.50 | 24.56 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#24 | 23.38 | 24.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#25 | 22.51 | 23.57 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#0 | 22.48 | 23.54 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#12 | 22.50 | 23.56 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 22.54 | 23.60 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#24 | 23.29 | 24.35 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 23.38 | 24.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | 23.38 | 24.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#0 | 22.53 | 23.59 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#25 | 22.42 | 23.48 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#12 | 22.34 | 23.40 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 22.42 | 23.48 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | 22.57 | 23.63 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 22.57 | 23.63 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24 | 22.28 | 23.34 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.50 | 22.56 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.53 | 22.59 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0 | 21.51 | 22.57 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 21.47 | 22.53 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49 | 22.40 | 23.46 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 22.78 | 23.84 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24 | 22.50 | 23.56 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.53 | 22.59 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0 | 21.55 | 22.61 | 38.45 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.38 | 22.44 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 21.37 | 22.43 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24 | 22.37 | 23.43 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 22.35 | 23.41 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | 22.31 | 23.37 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0 | 21.45 | 22.51 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.38 | 22.44 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.41 | 22.47 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 21.45 | 22.51 | 38.45 | PASS |

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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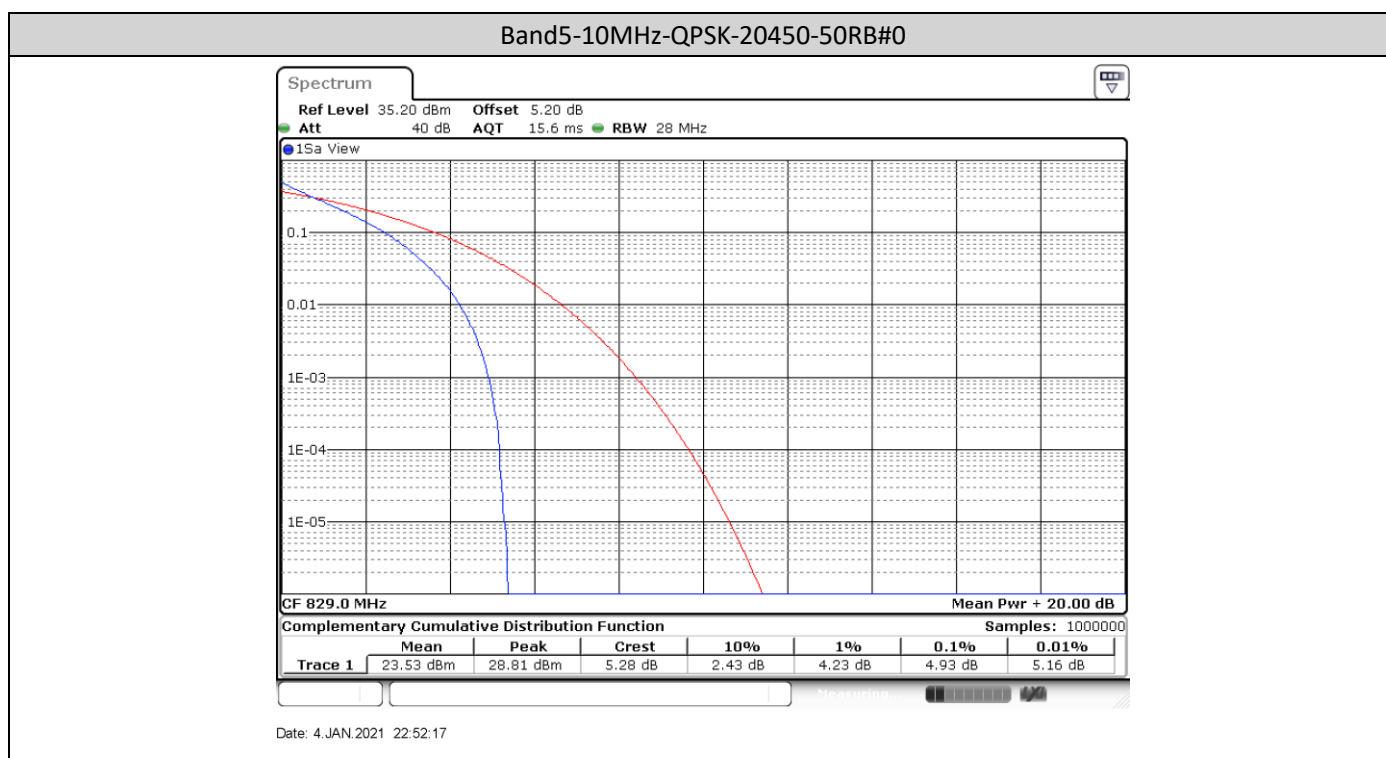


2. Peak-to-Average Ratio (CCDF)

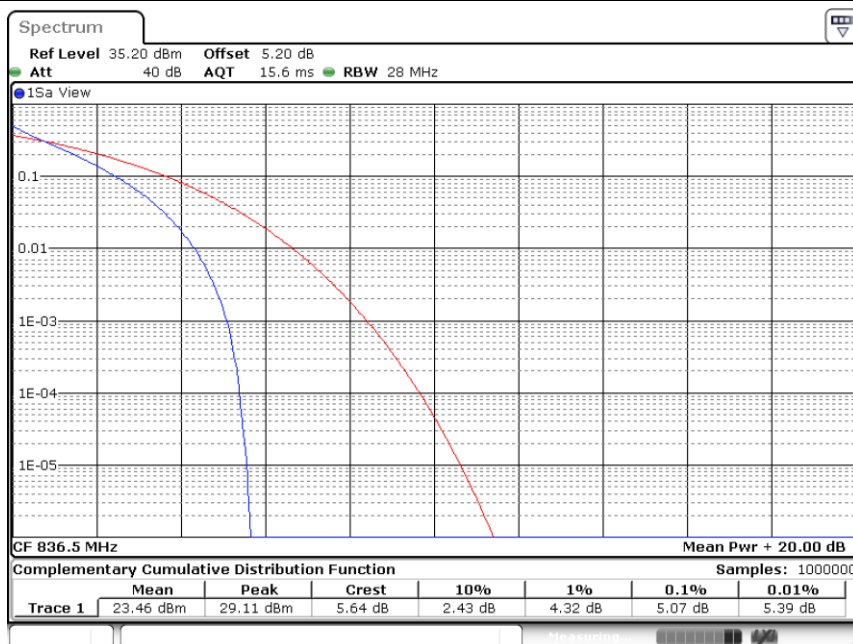
2.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 4.93 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 5.07 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 5.01 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 5.71 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 5.86 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 5.80 | 13 | PASS |

2.2. Test Plots

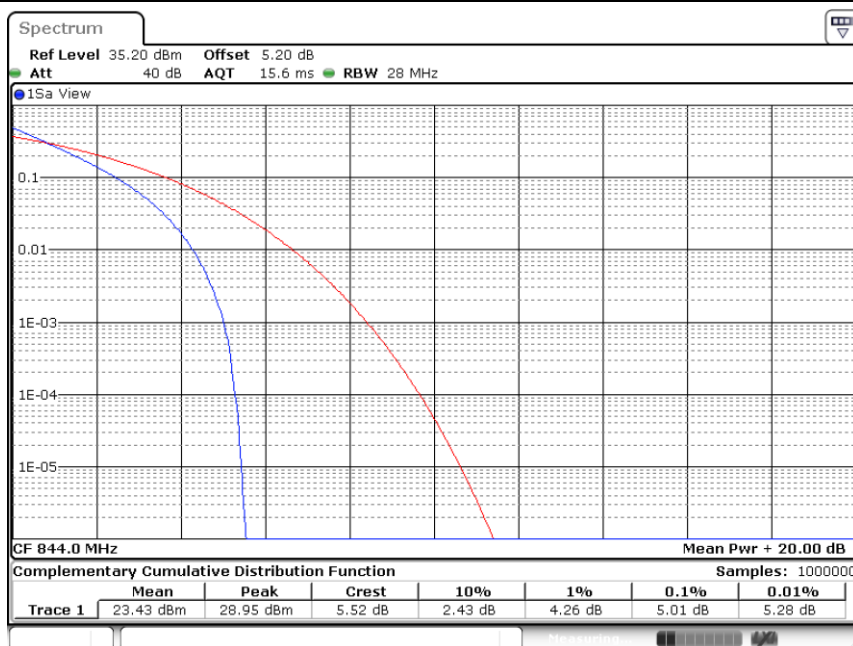


Band5-10MHz-QPSK-20525-50RB#0



Date: 4.JAN.2021 22:52:39

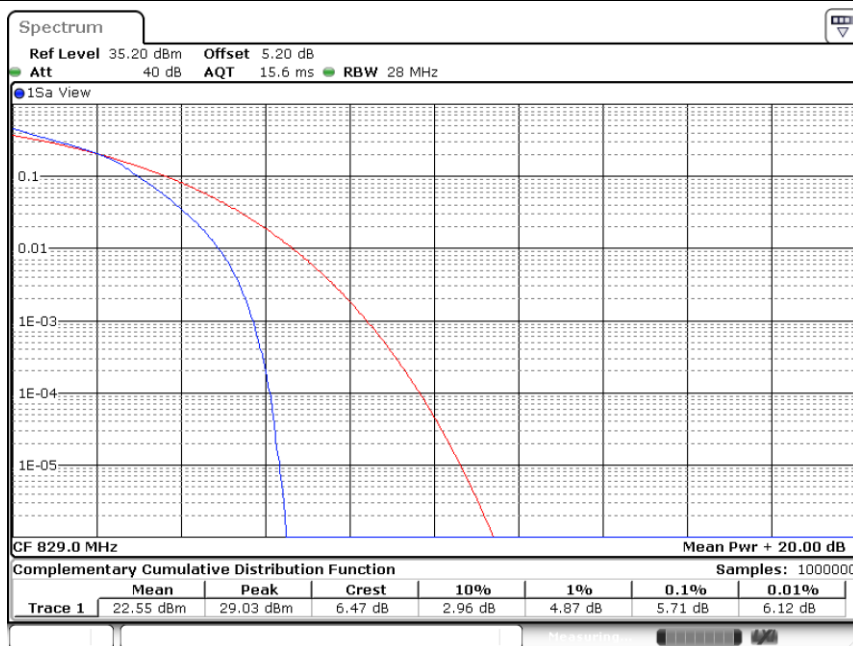
Band5-10MHz-QPSK-20600-50RB#0



Date: 4.JAN.2021 22:53:02

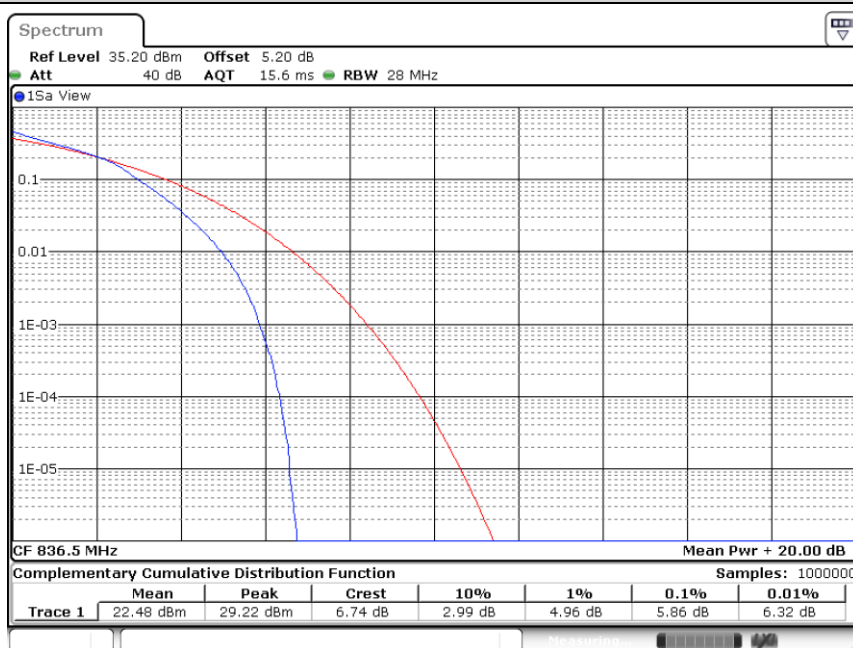


Band5-10MHz-16QAM-20450-50RB#0



Date: 4.JAN.2021 22:52:28

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

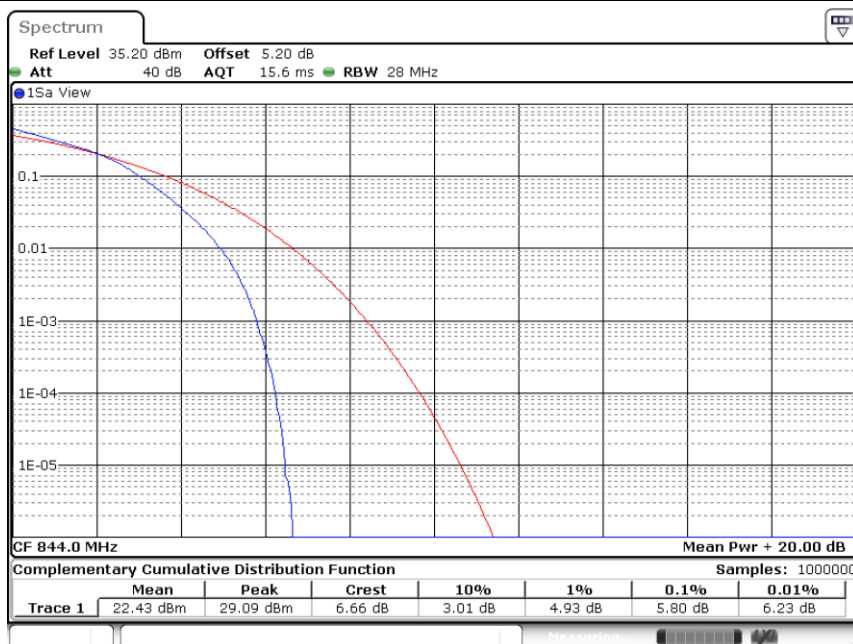


Date: 4.JAN.2021 22:52:51





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



Date: 4.JAN.2021 22:53:13

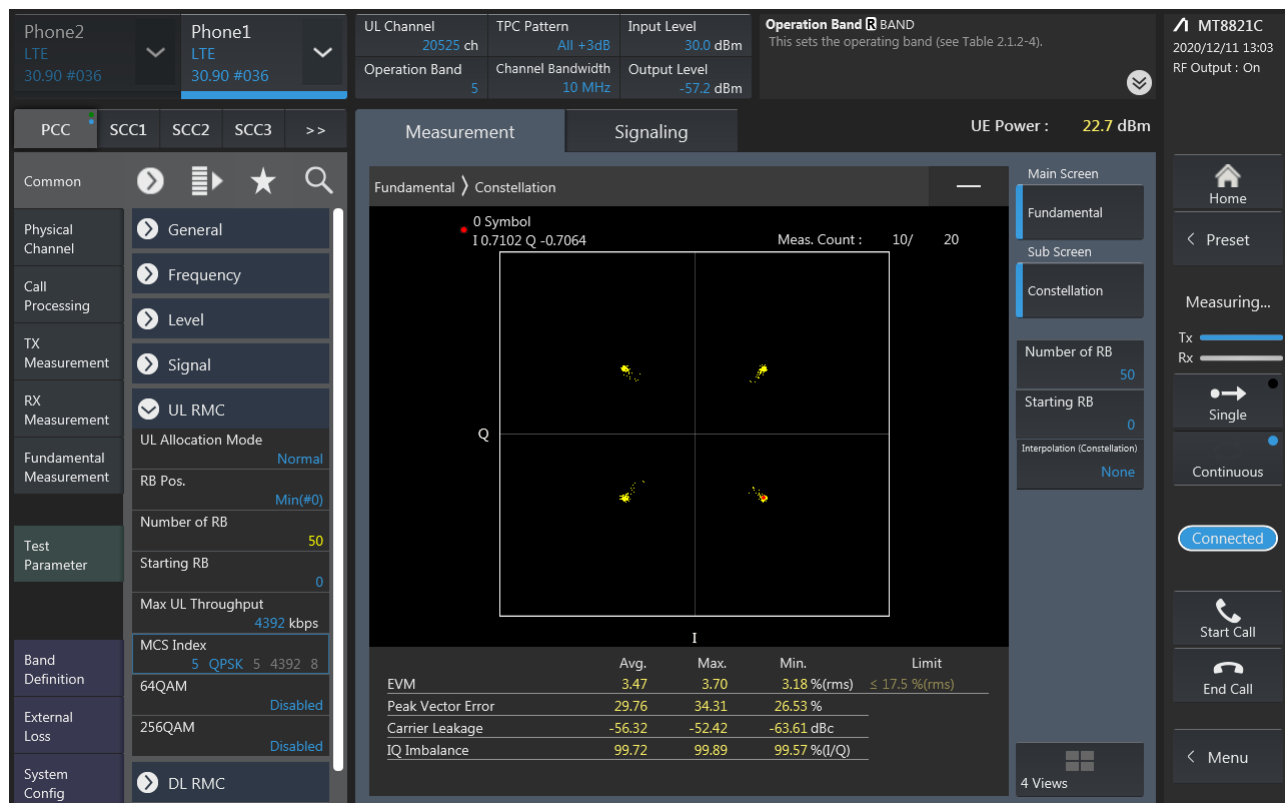




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

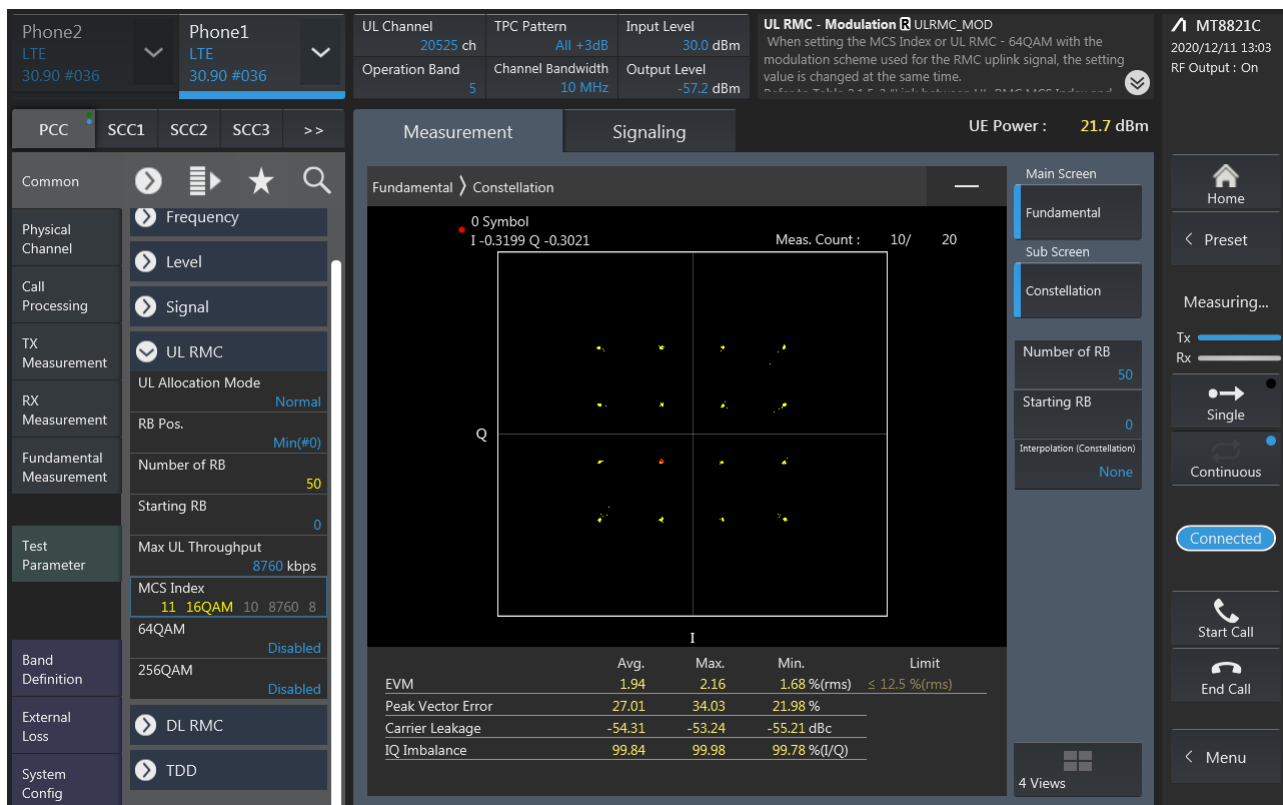
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

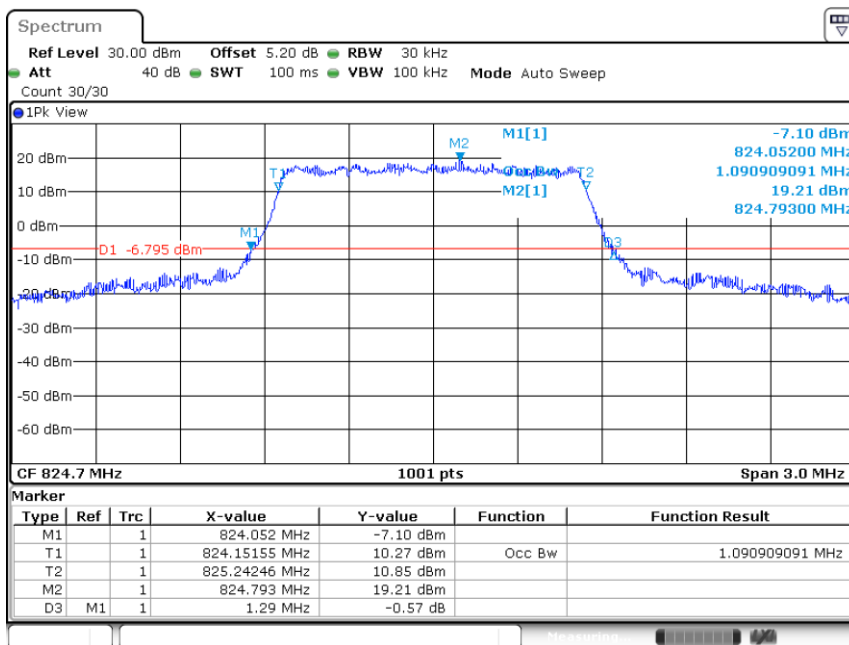
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 1.091 | 1.299 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 1.091 | 1.293 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 2.691 | 2.922 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 2.685 | 2.922 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 2.685 | 2.934 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 2.685 | 2.904 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 2.679 | 2.910 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 2.673 | 2.904 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 4.476 | 4.810 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 4.466 | 4.800 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 4.466 | 4.830 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 4.486 | 4.860 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 4.486 | 4.850 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 4.486 | 4.840 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 8.951 | 9.640 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 8.911 | 9.580 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 8.931 | 9.620 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.931 | 9.640 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 8.911 | 9.640 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 8.931 | 9.580 | PASS |





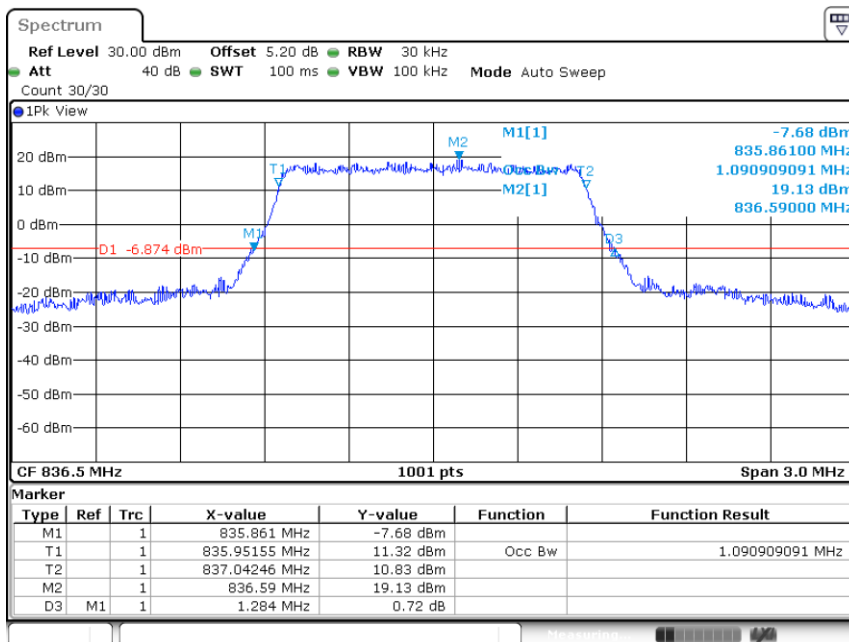
4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.091



Date: 4.JAN.2021 22:25:45

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



Date: 4.JAN.2021 22:26:11



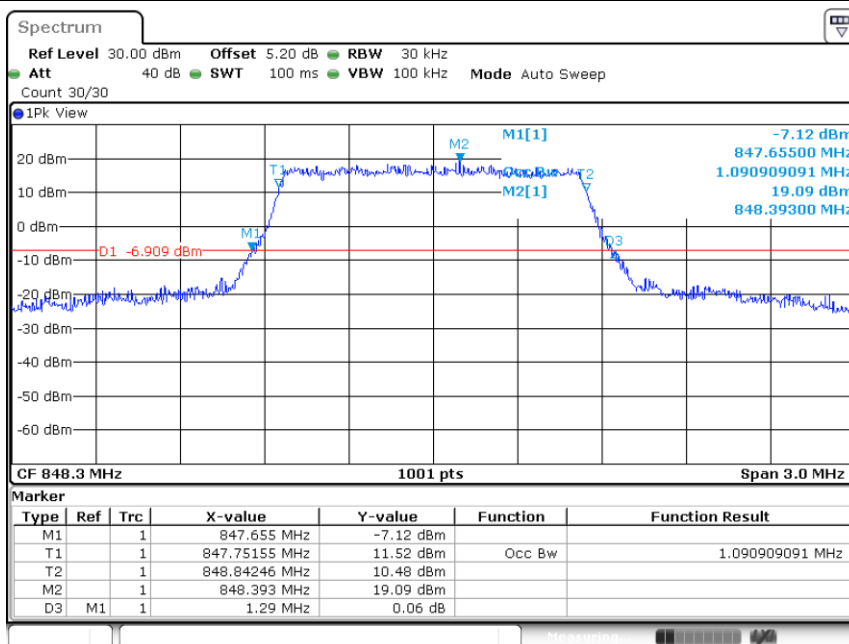
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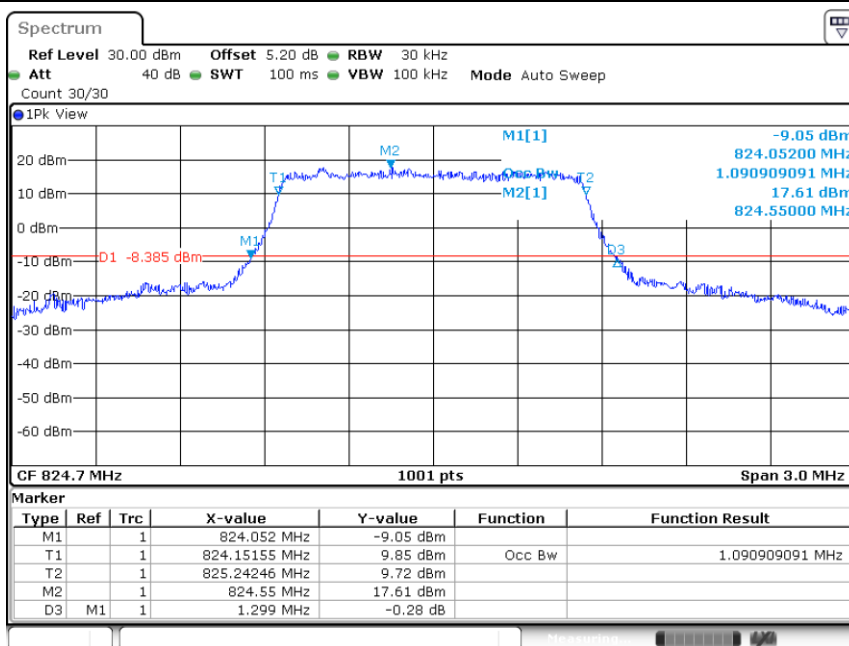


Band5-1.4MHz-QPSK-20643-6RB#0-1.091



Date: 4.JAN.2021 22:26:37

Band5-1.4MHz-16QAM-20407-6RB#0-1.091



Date: 4.JAN.2021 22:25:58



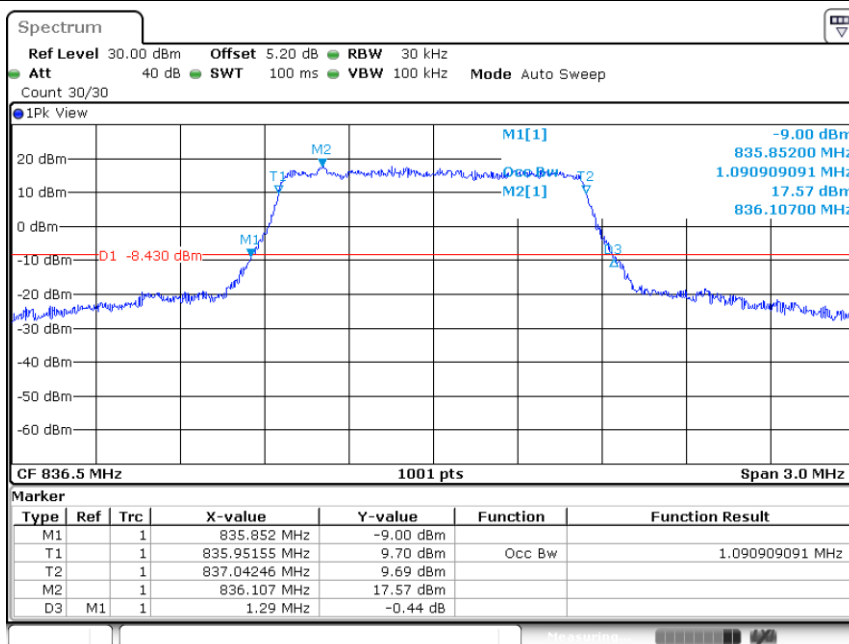
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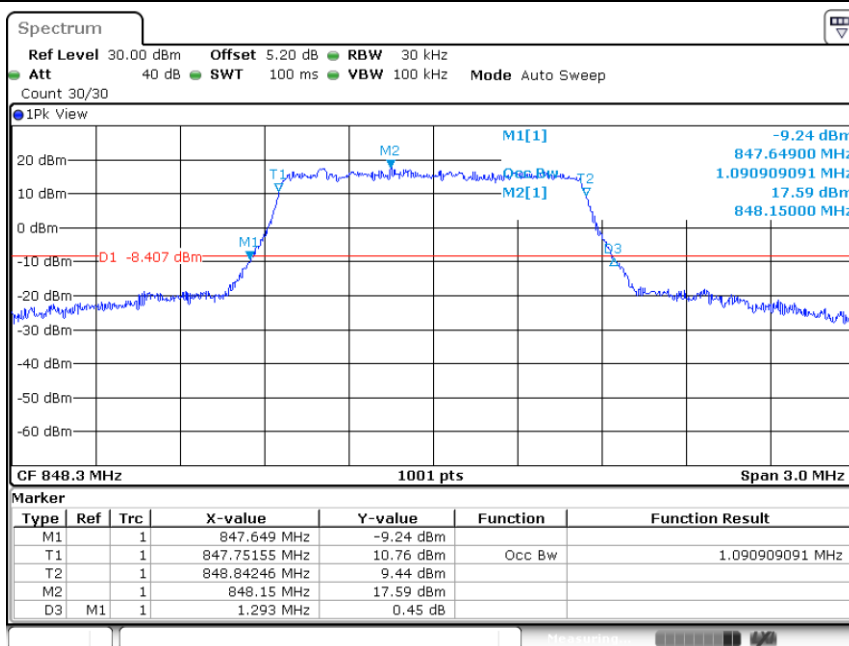


Band5-1.4MHz-16QAM-20525-6RB#0-1.091



Date: 4.JAN.2021 22:26:24

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

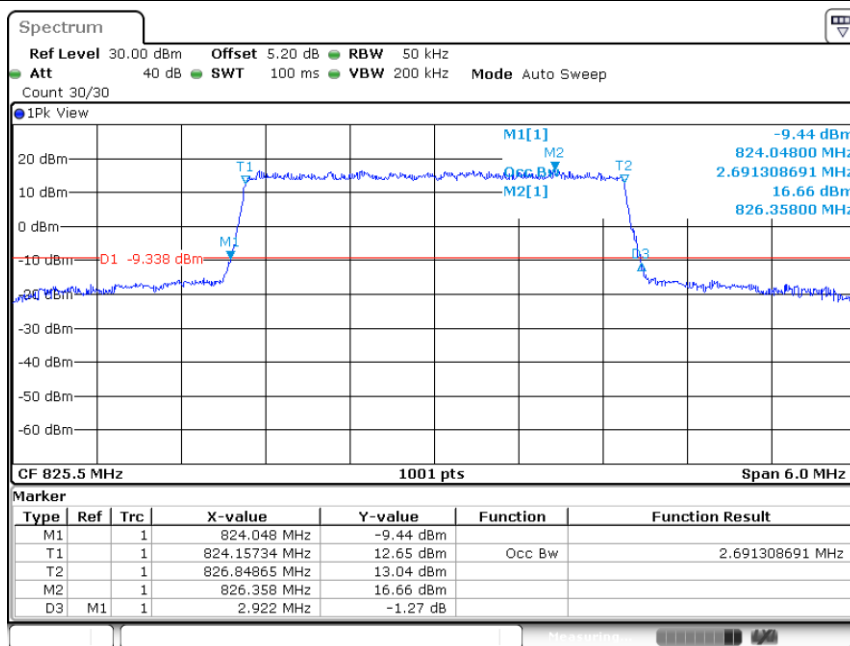


Date: 4.JAN.2021 22:26:51



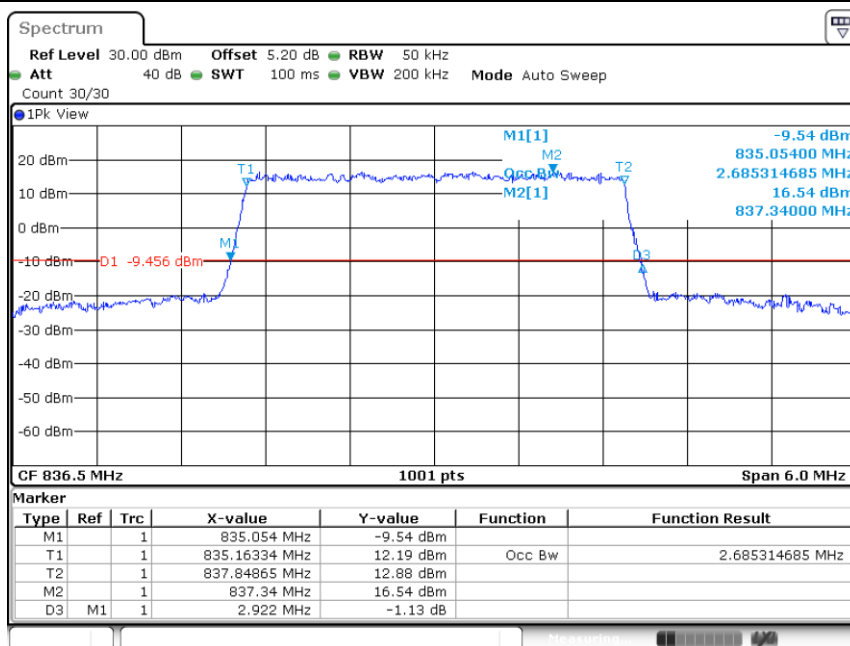


Band5-3MHz-QPSK-20415-15RB#0-2.691



Date: 4.JAN.2021 22:27:08

Band5-3MHz-QPSK-20525-15RB#0-2.685

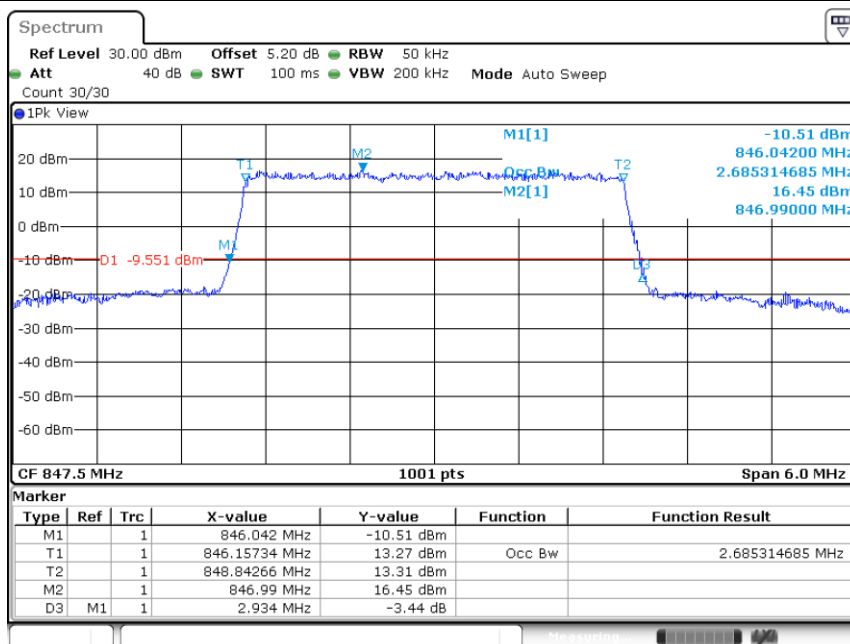


Date: 4.JAN.2021 22:27:34



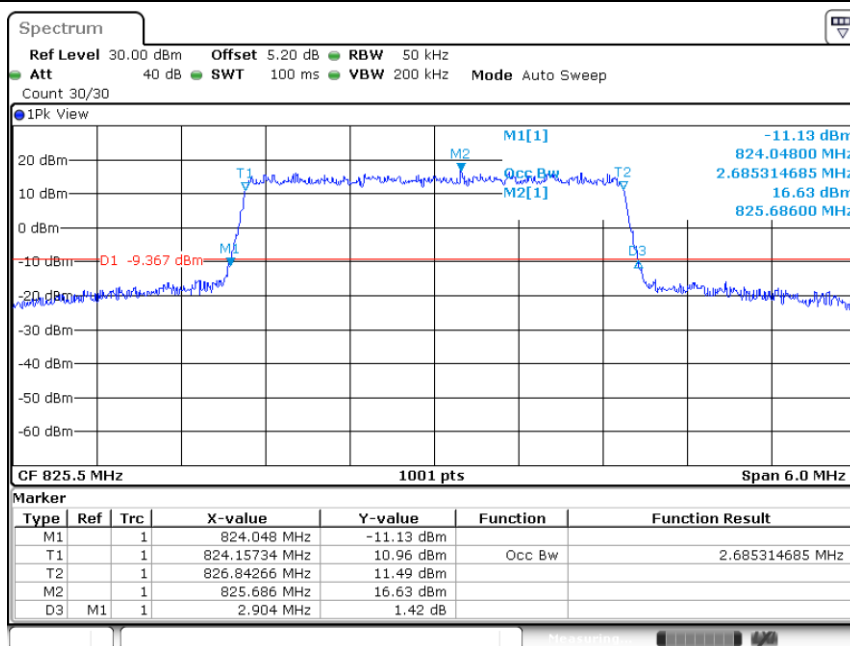


Band5-3MHz-QPSK-20635-15RB#0-2.685



Date: 4.JAN.2021 22:27:59

Band5-3MHz-16QAM-20415-15RB#0-2.685

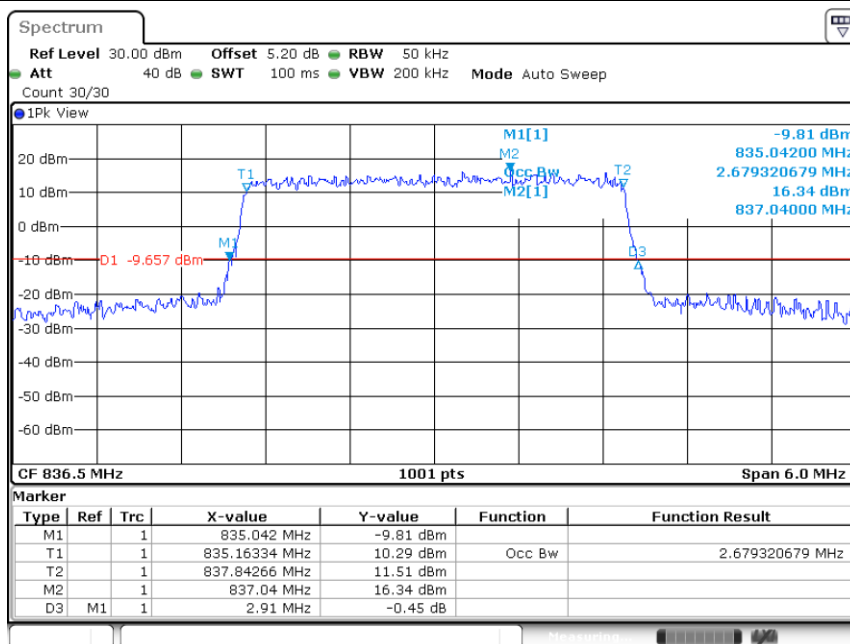


Date: 4.JAN.2021 22:27:21



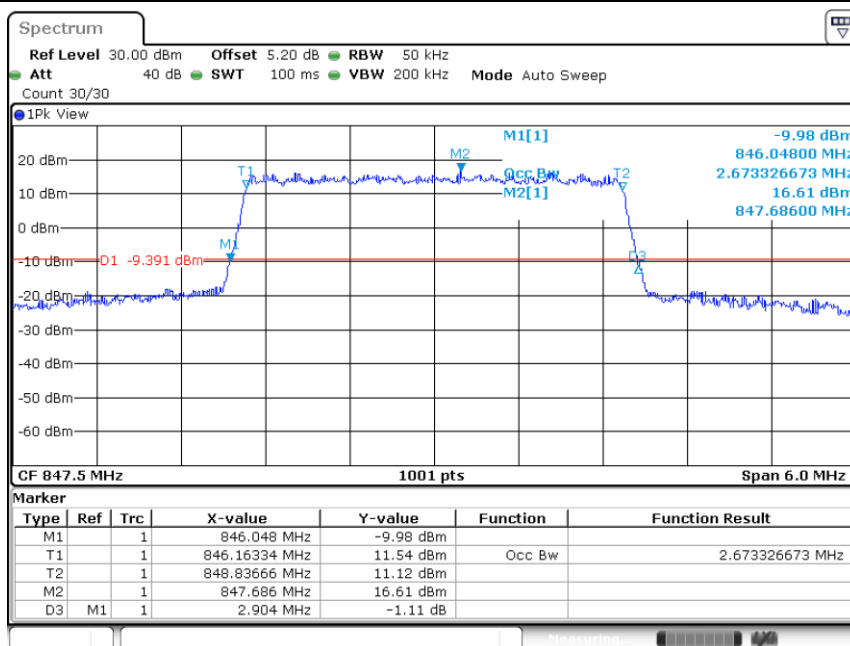


Band5-3MHz-16QAM-20525-15RB#0-2.679



Date: 4.JAN.2021 22:27:47

Band5-3MHz-16QAM-20635-15RB#0-2.673

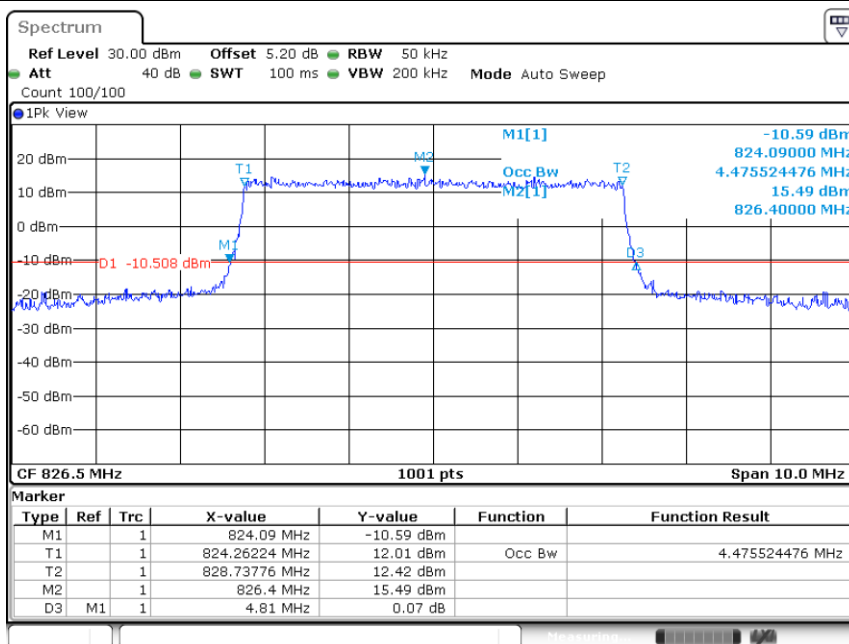


Date: 4.JAN.2021 22:28:13



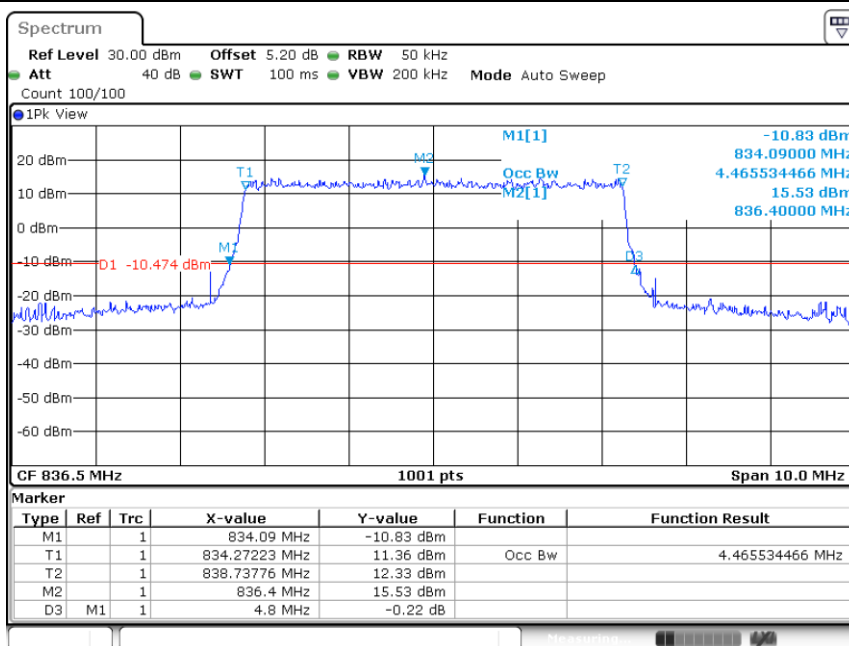


Band5-5MHz-QPSK-20425-25RB#0-4.476



Date: 4.JAN.2021 22:28:37

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

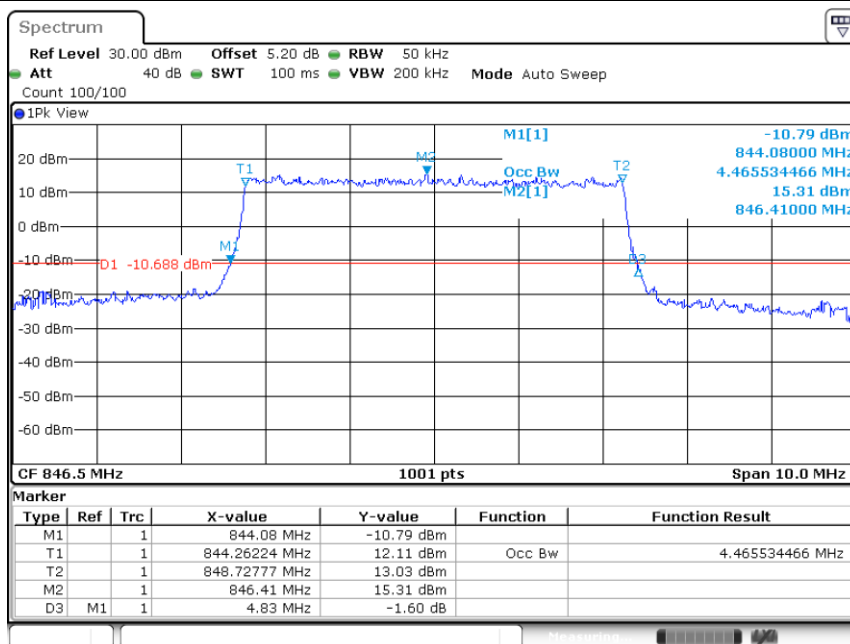


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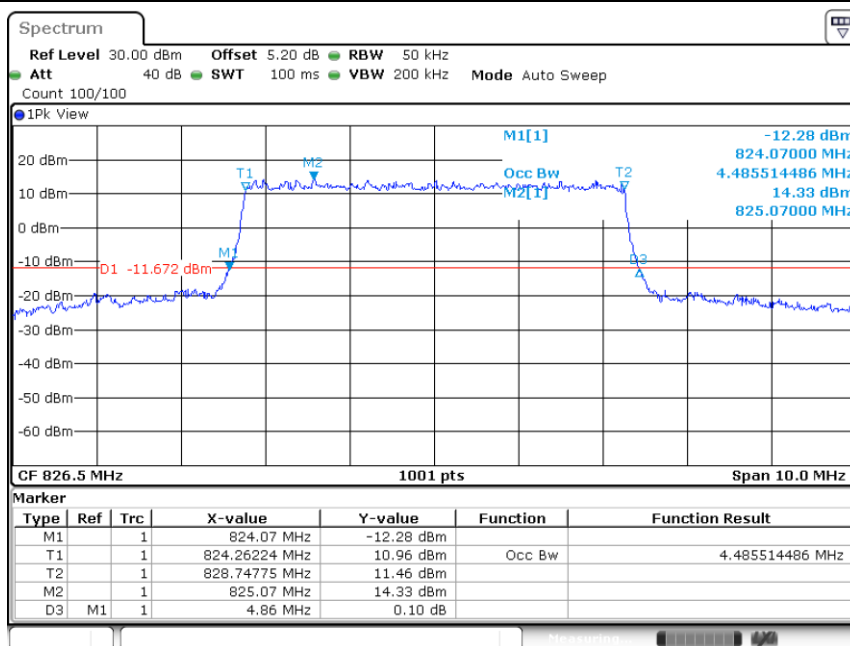


Band5-5MHz-QPSK-20625-25RB#0-4.466



Date: 4.JAN.2021 22:29:56

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

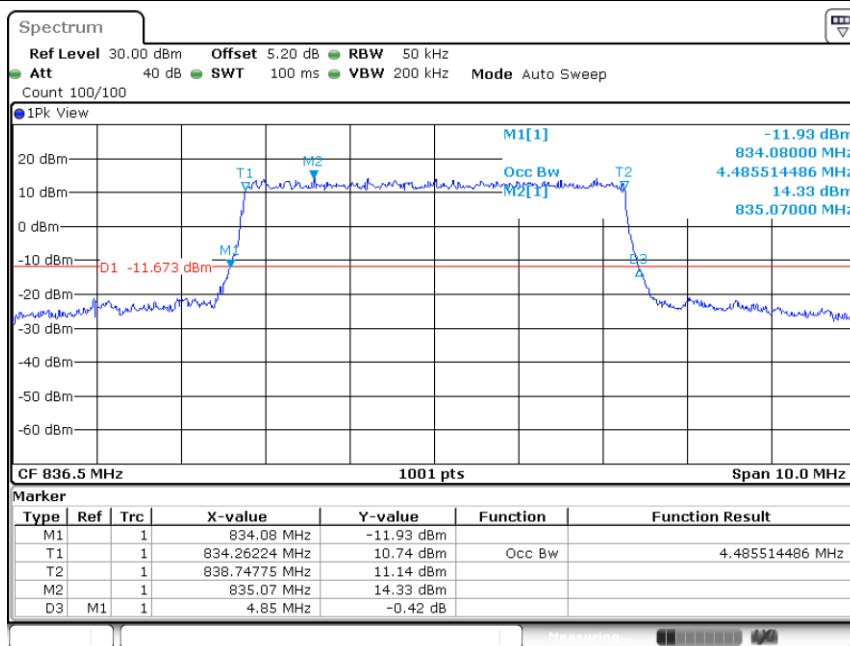


Date: 4.JAN.2021 22:28:57



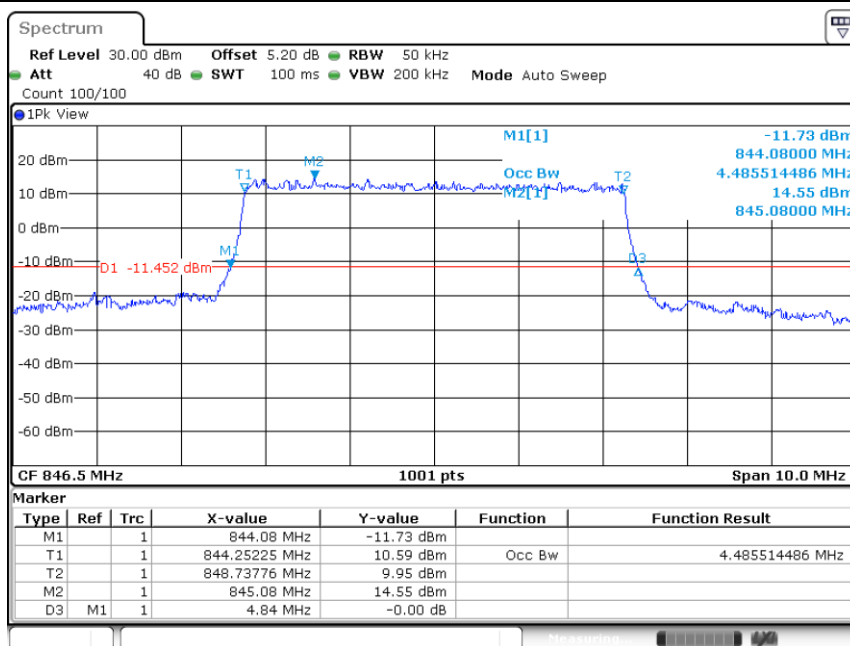


Band5-5MHz-16QAM-20525-25RB#0-4.486



Date: 4.JAN.2021 22:29:36

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

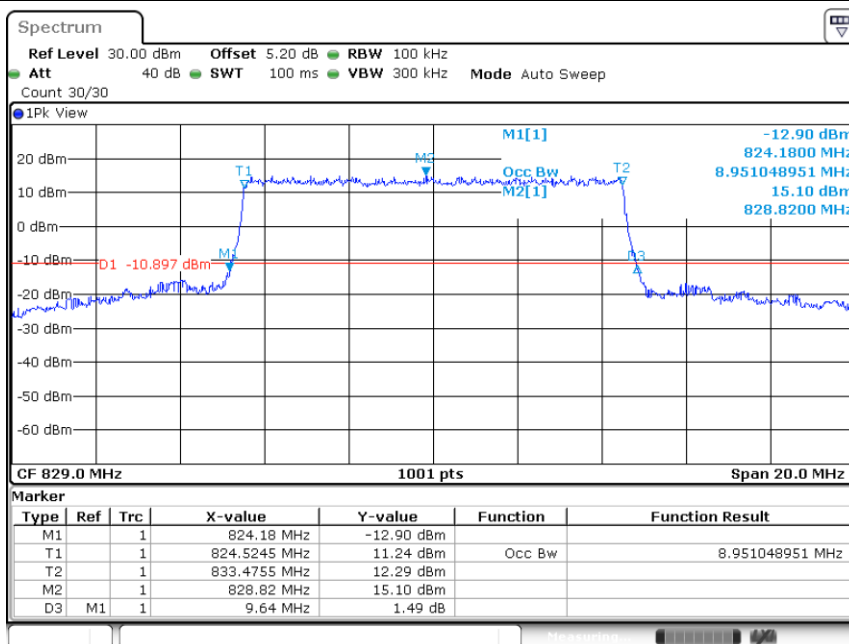


Date: 4.JAN.2021 22:30:16



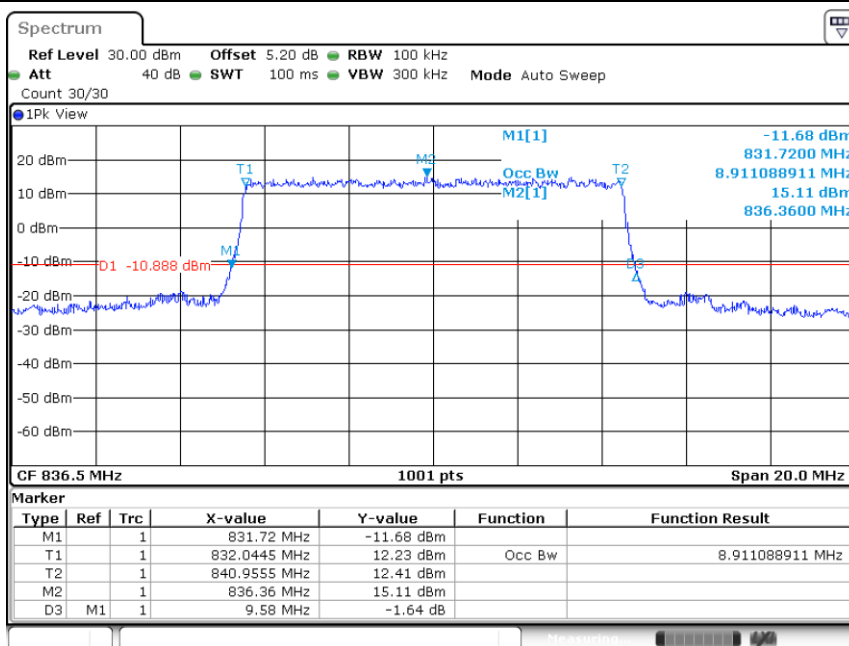


Band5-10MHz-QPSK-20450-50RB#0-8.951



Date: 4.JAN.2021 22:30:34

Band5-10MHz-QPSK-20525-50RB#0-8.911

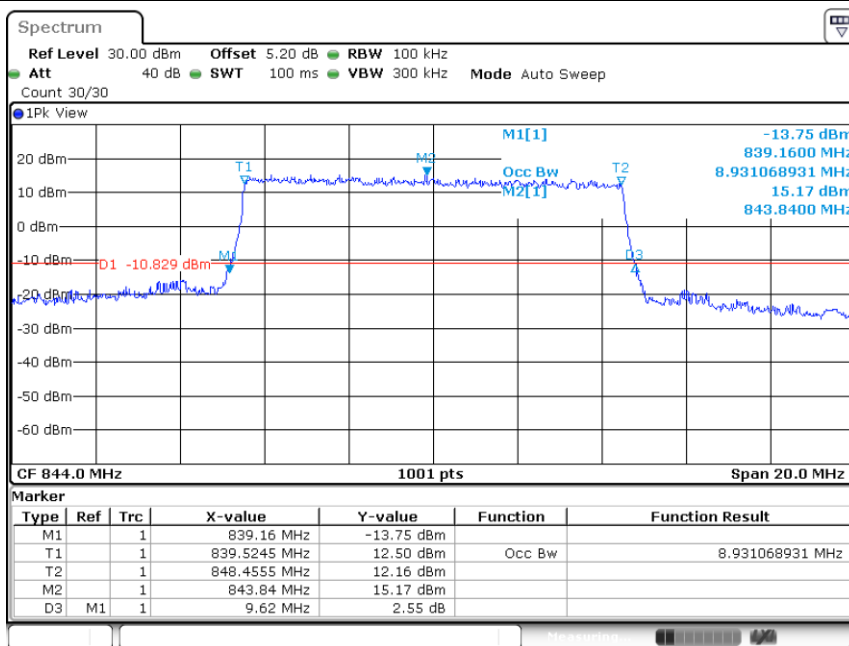


Date: 4.JAN.2021 22:31:00



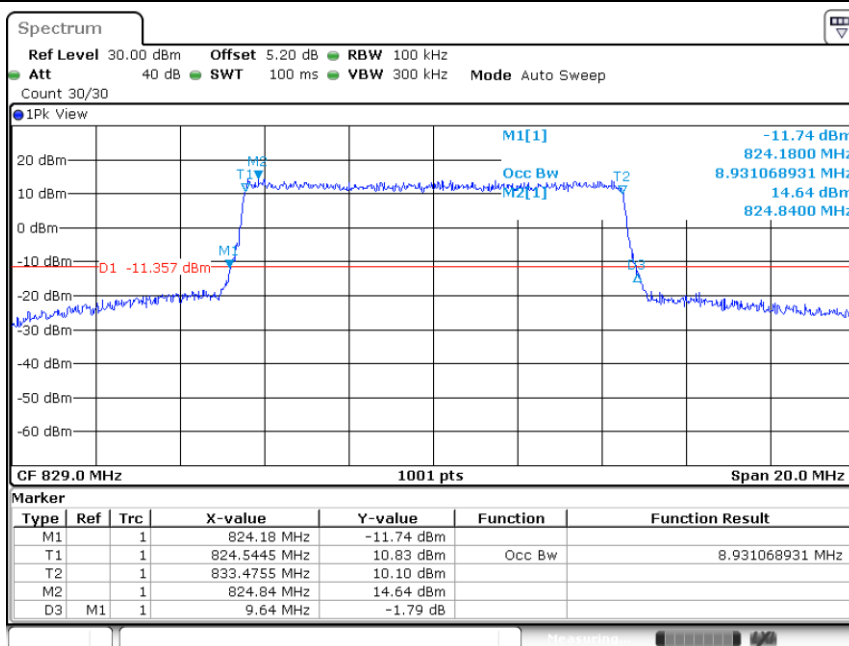


Band5-10MHz-QPSK-20600-50RB#0-8.931



Date: 4.JAN.2021 22:31:26

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



Date: 4.JAN.2021 22:30:47



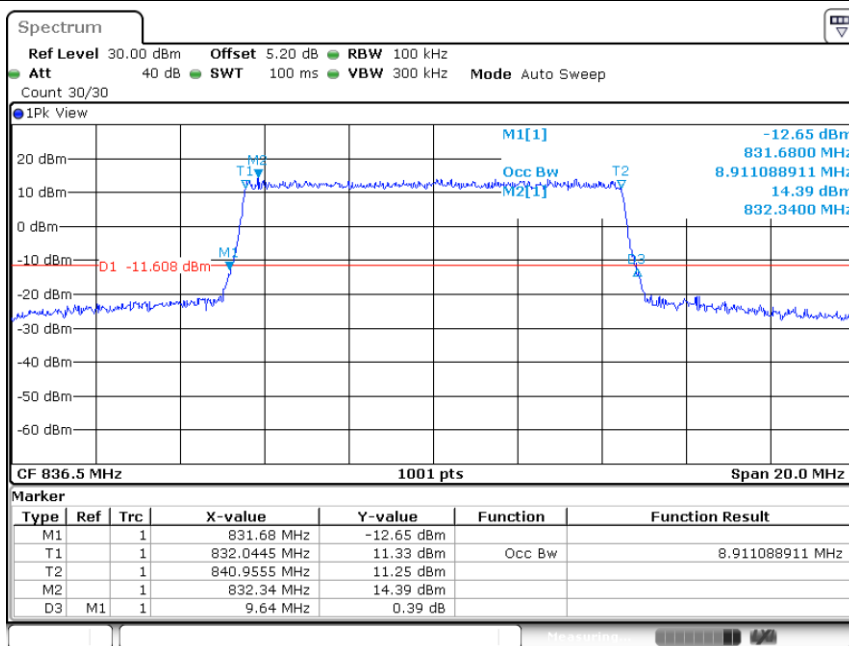
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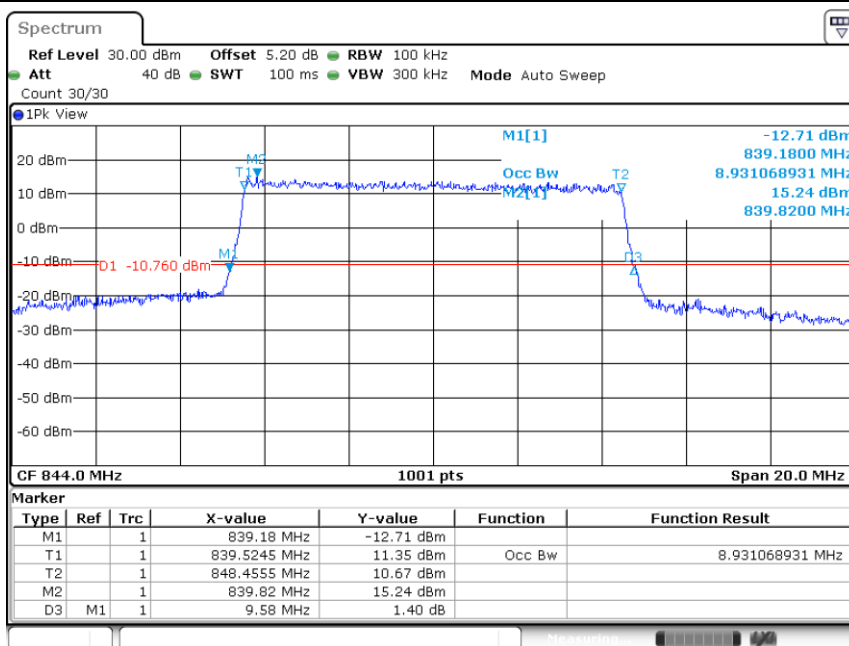


Band5-10MHz-16QAM-20525-50RB#0-8.911



Date: 4.JAN.2021 22:31:13

Band5-10MHz-16QAM-20600-50RB#0-8.931



Date: 4.JAN.2021 22:31:39



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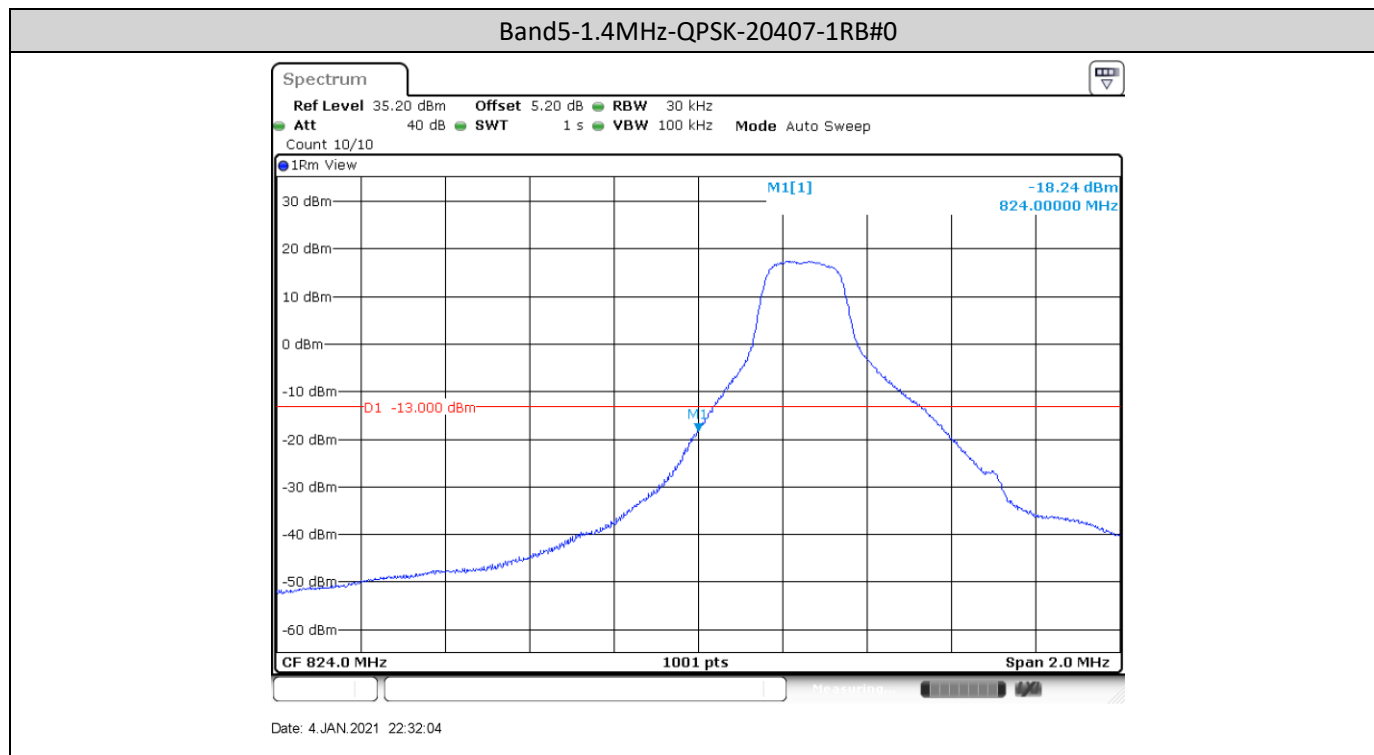
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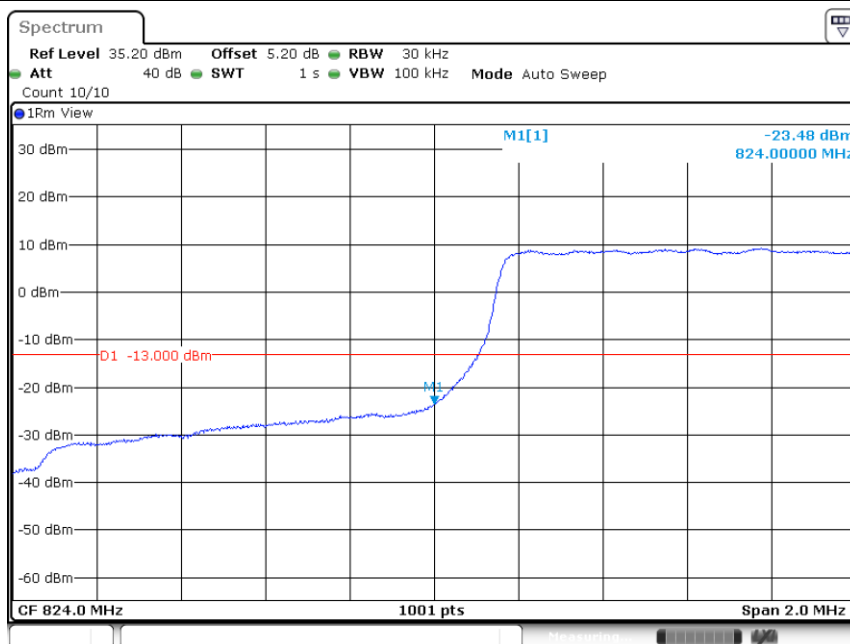
5. Band Edge Compliance

5.1. Test Plots



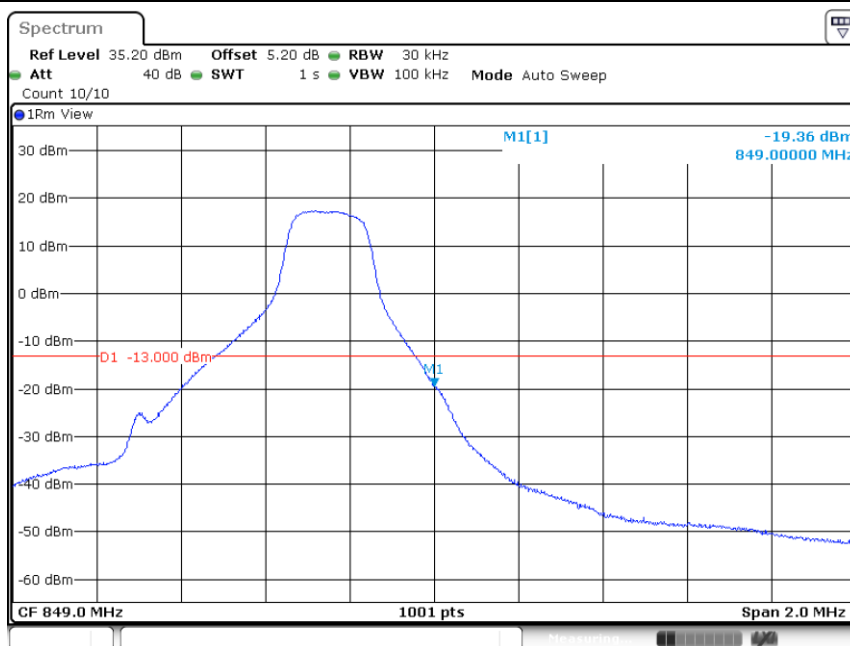


Band5-1.4MHz-QPSK-20407-6RB#0



Date: 4.JAN.2021 22:32:45

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



Date: 4.JAN.2021 22:33:31



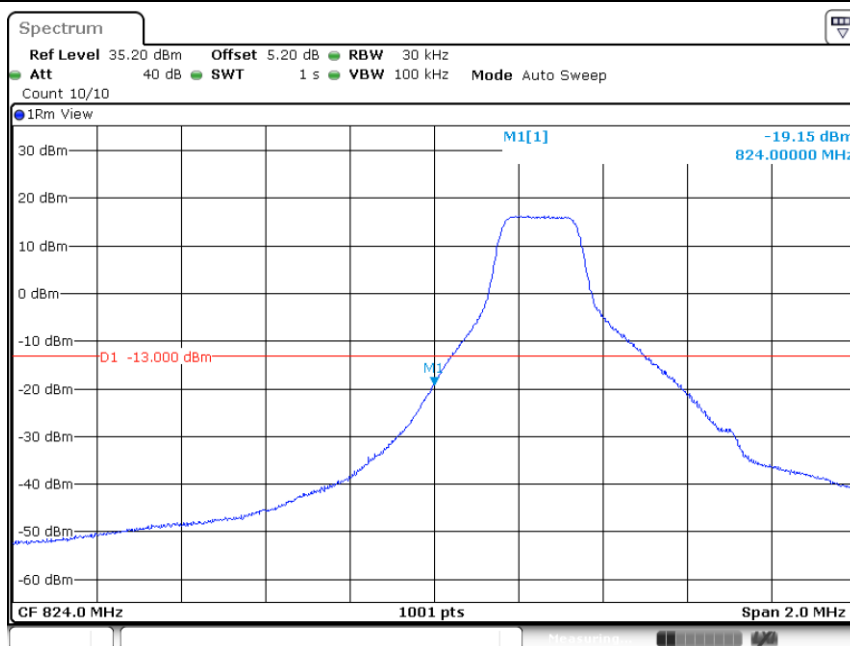


Band5-1.4MHz-QPSK-20643-6RB#0



Date: 4.JAN.2021 22:34:11

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

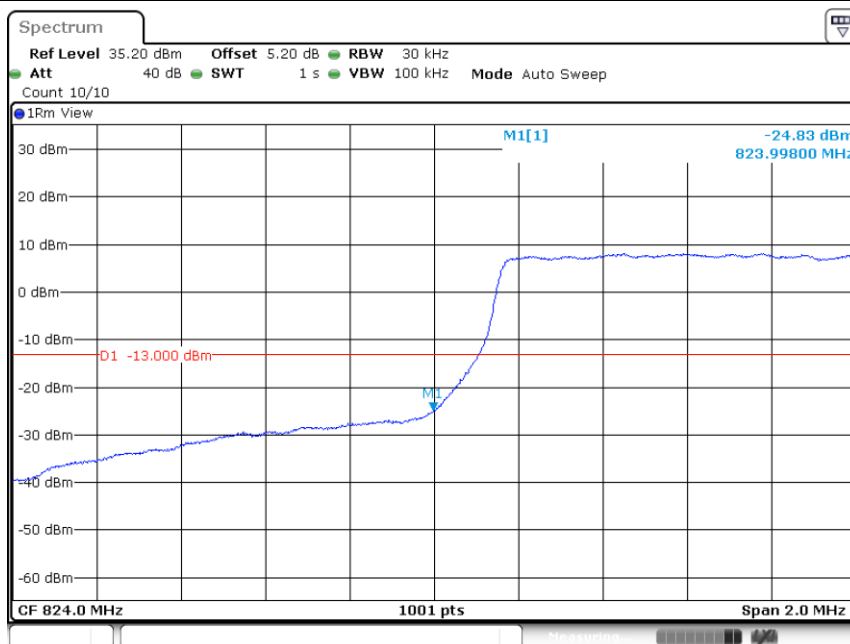


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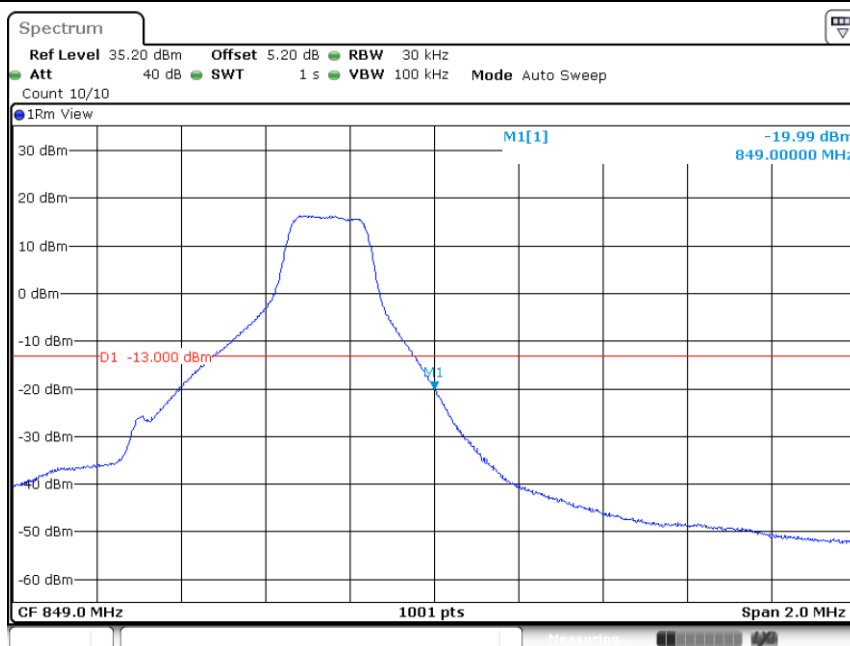


Band5-1.4MHz-16QAM-20407-6RB#0



Date: 4.JAN.2021 22:33:06

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



Date: 4.JAN.2021 22:33:51



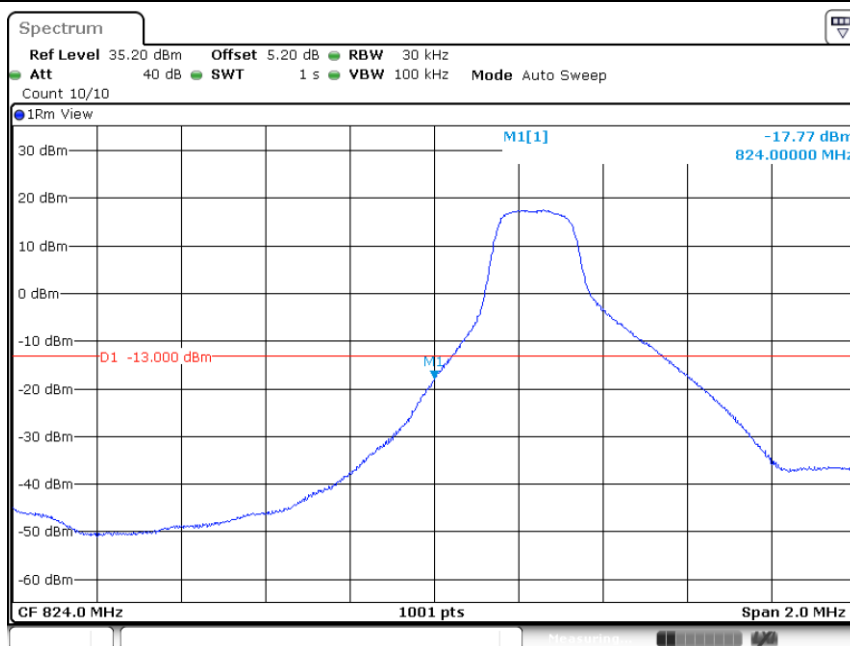


Band5-1.4MHz-16QAM-20643-6RB#0



Date: 4.JAN.2021 22:34:32

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

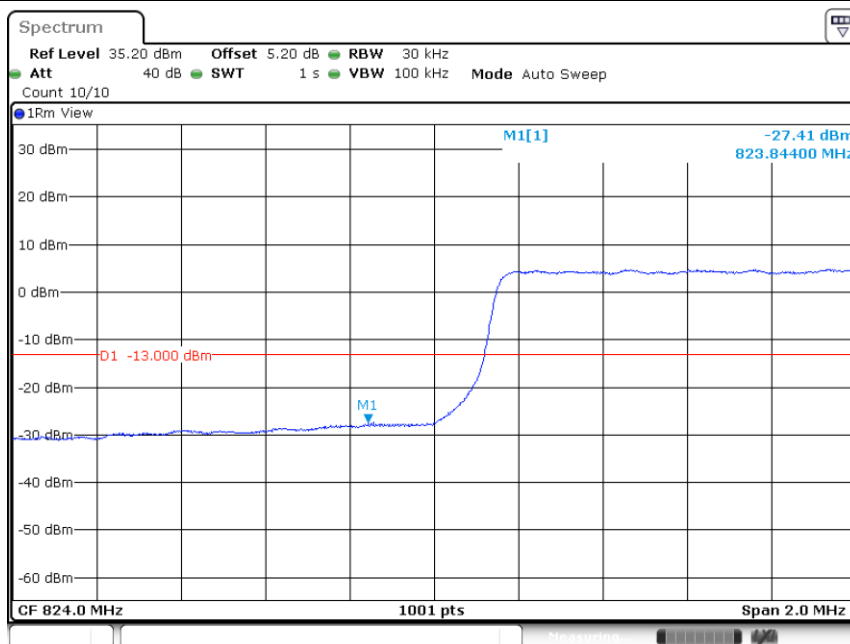


Date: 4.JAN.2021 22:34:58



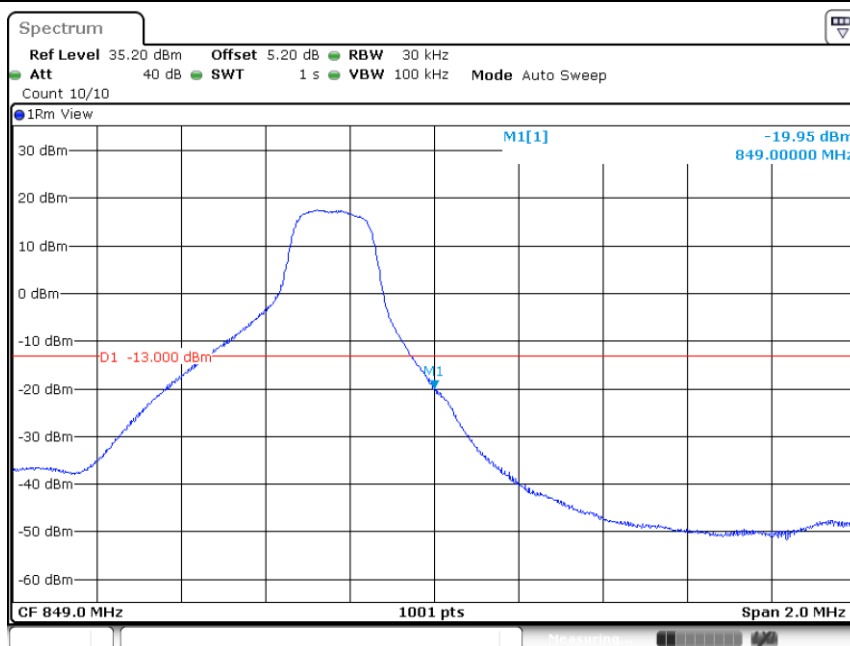


Band5-3MHz-QPSK-20415-15RB#0



Date: 4.JAN.2021 22:35:39

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

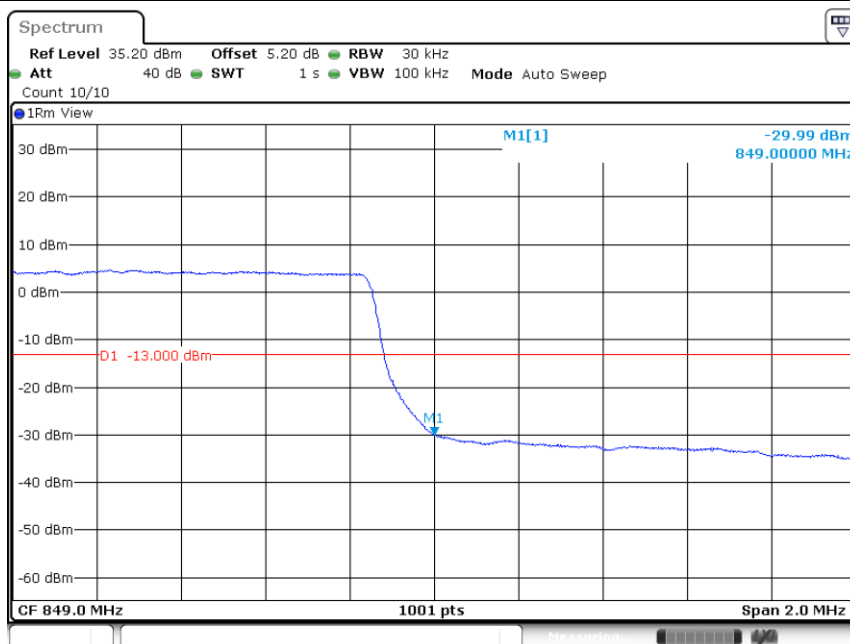


Date: 4.JAN.2021 22:36:25



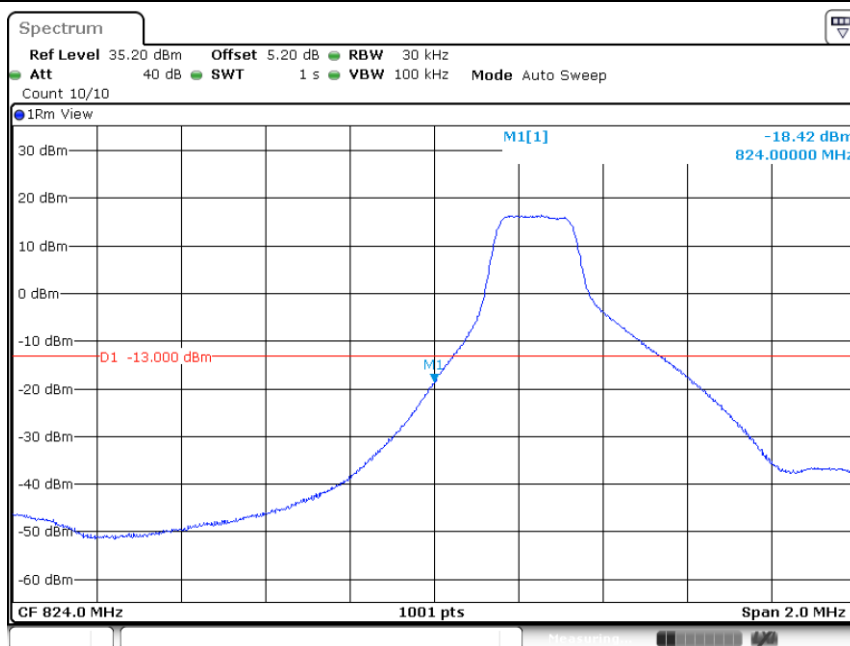


Band5-3MHz-QPSK-20635-15RB#0



Date: 4.JAN.2021 22:37:06

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



Date: 4.JAN.2021 22:35:19

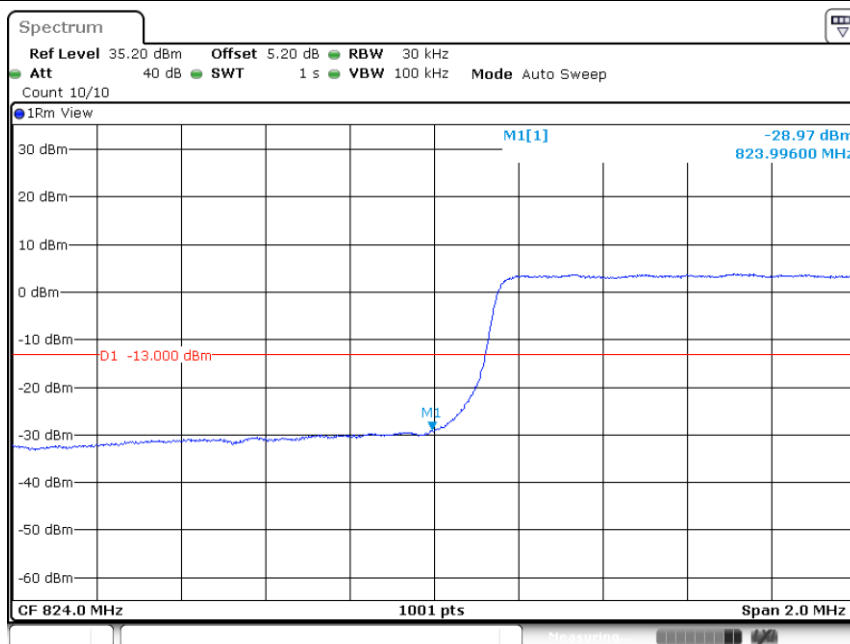


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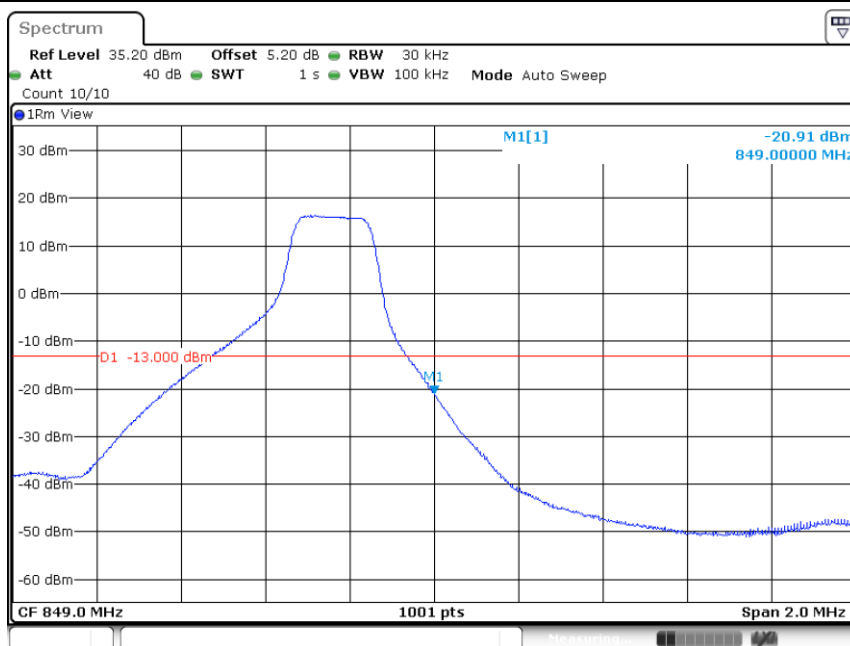


Band5-3MHz-16QAM-20415-15RB#0



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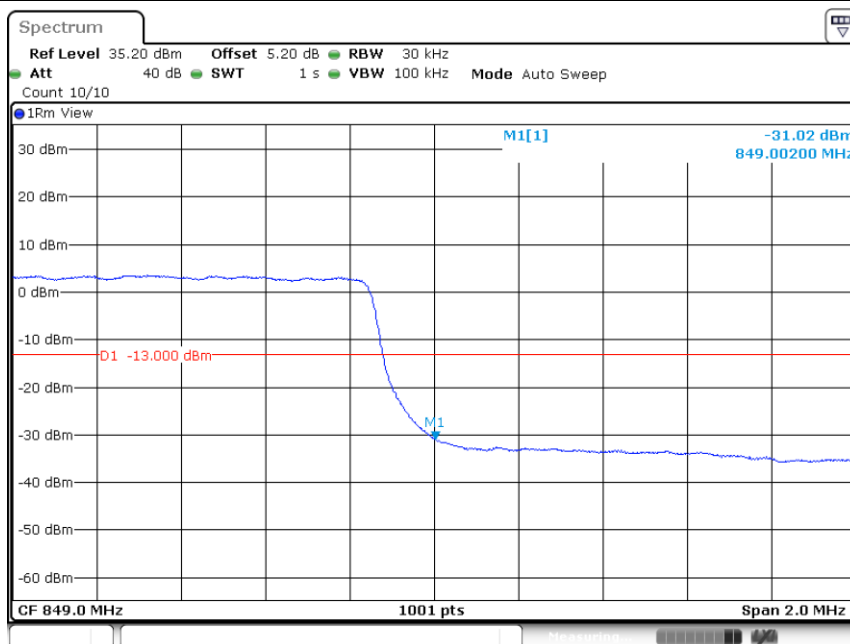


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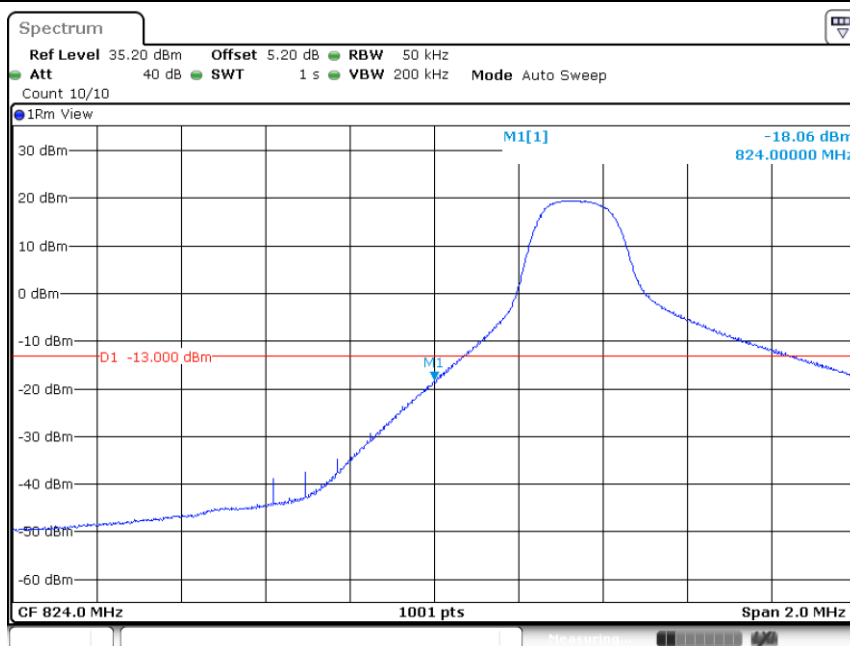


Band5-3MHz-16QAM-20635-15RB#0



Date: 4.JAN.2021 22:37:27

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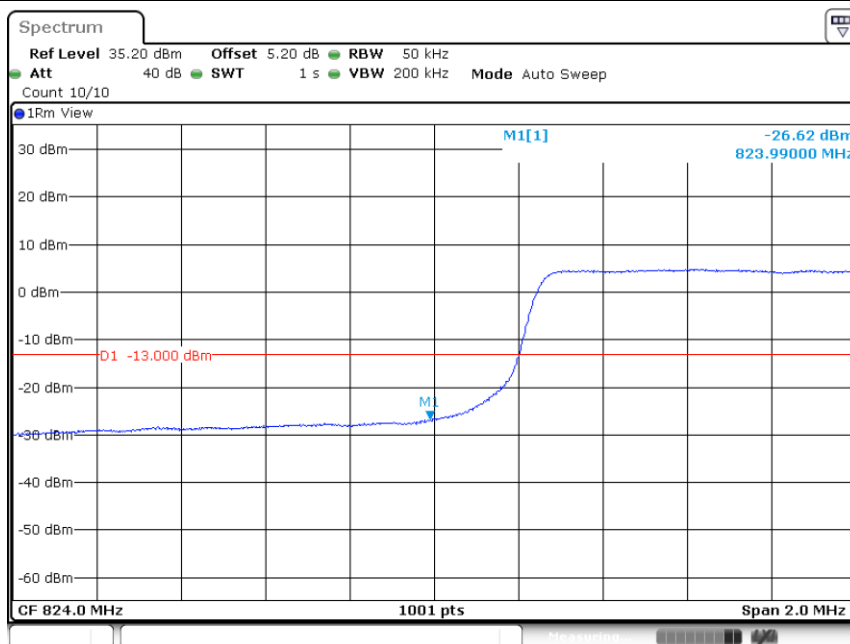


Date: 4.JAN.2021 22:37:53



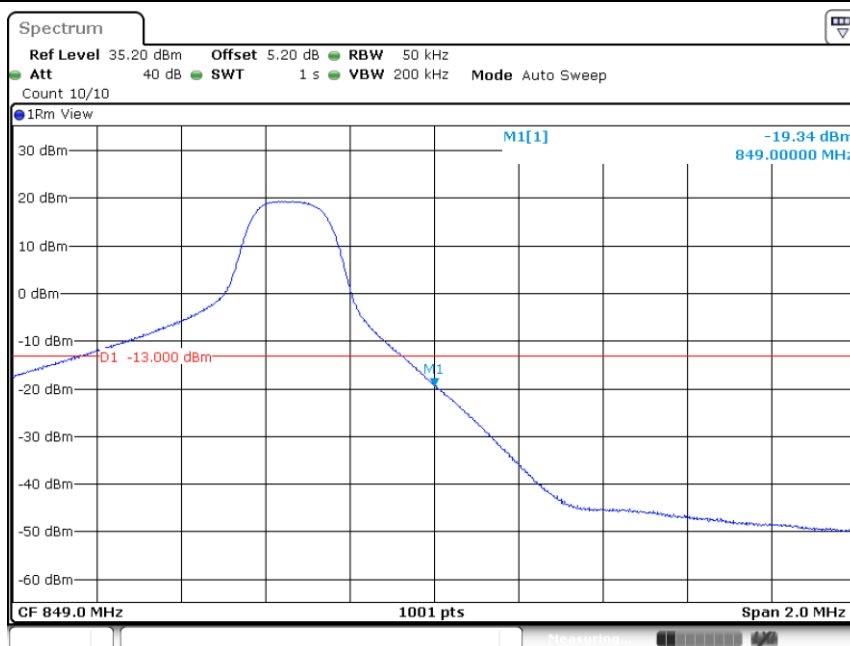


Band5-5MHz-QPSK-20425-25RB#0



Date: 4 JAN.2021 22:38:34

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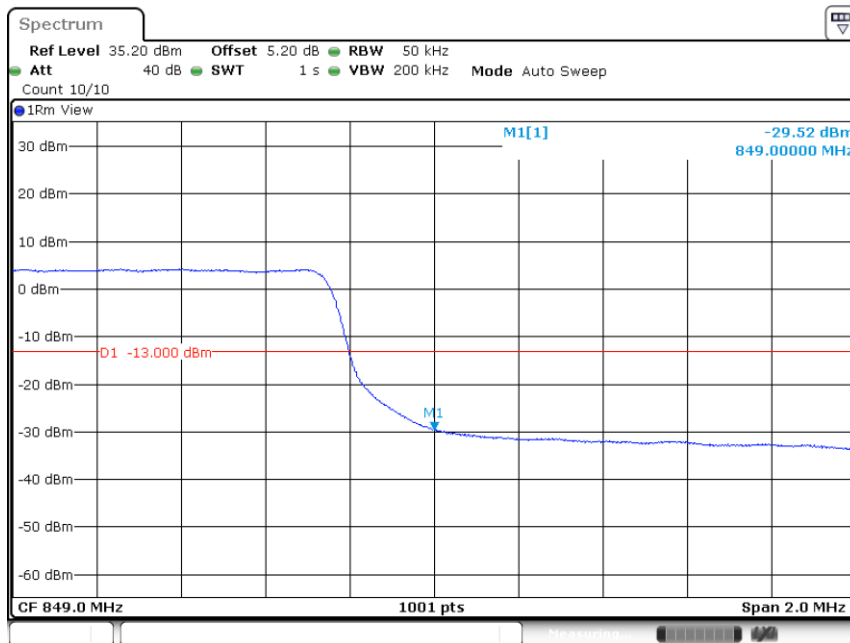


Date: 4 JAN.2021 22:39:20



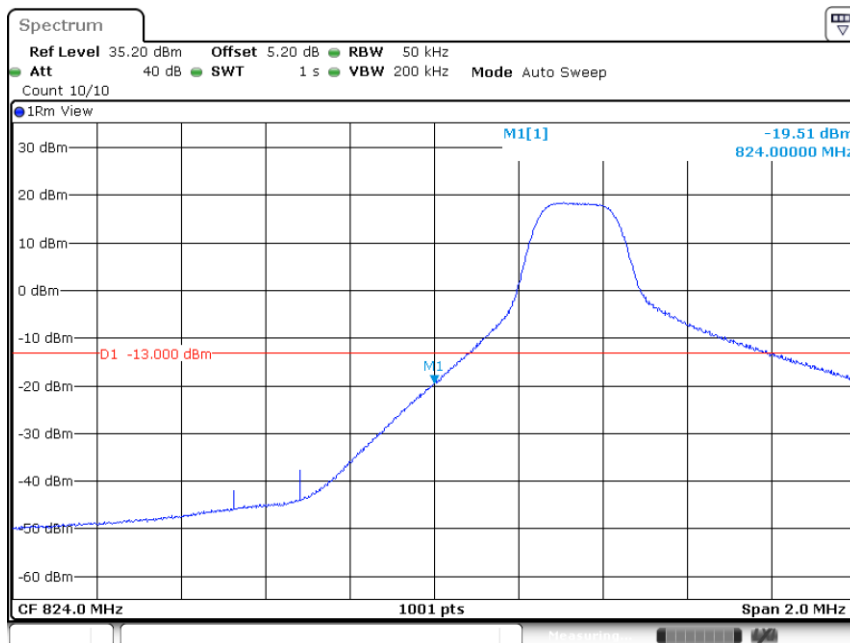


Band5-5MHz-QPSK-20625-25RB#0



Date: 4.JAN.2021 22:40:01

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

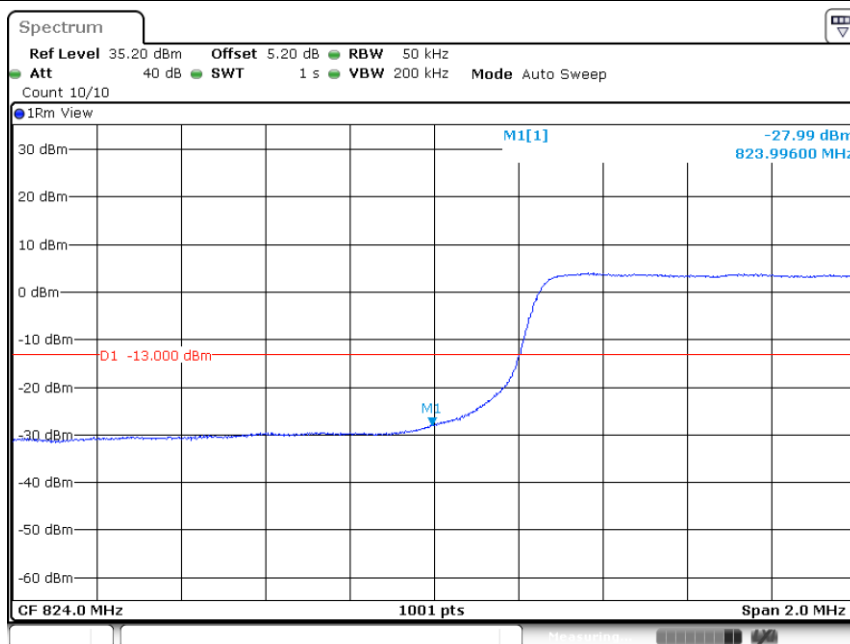


Date: 4.JAN.2021 22:38:13



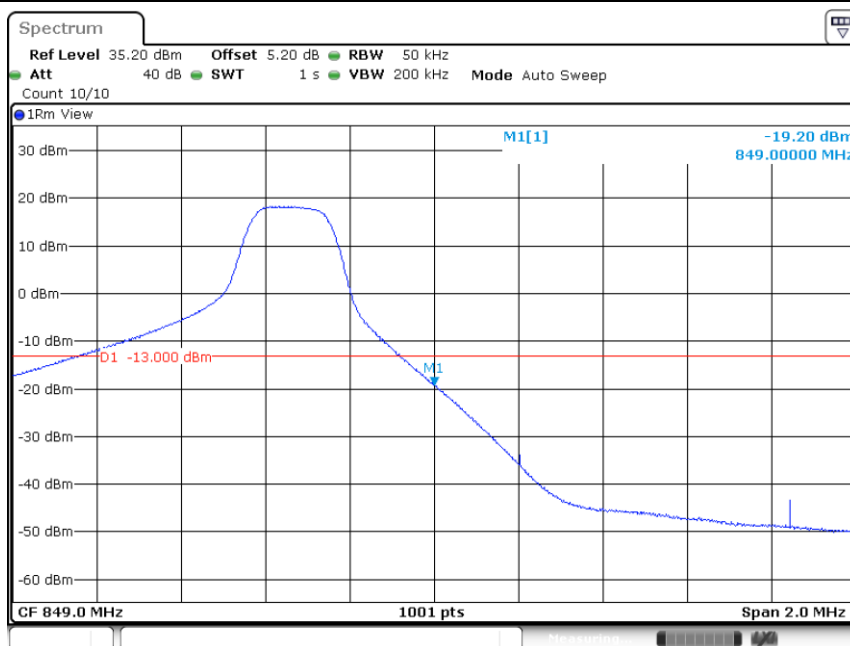


Band5-5MHz-16QAM-20425-25RB#0



Date: 4.JAN.2021 22:38:55

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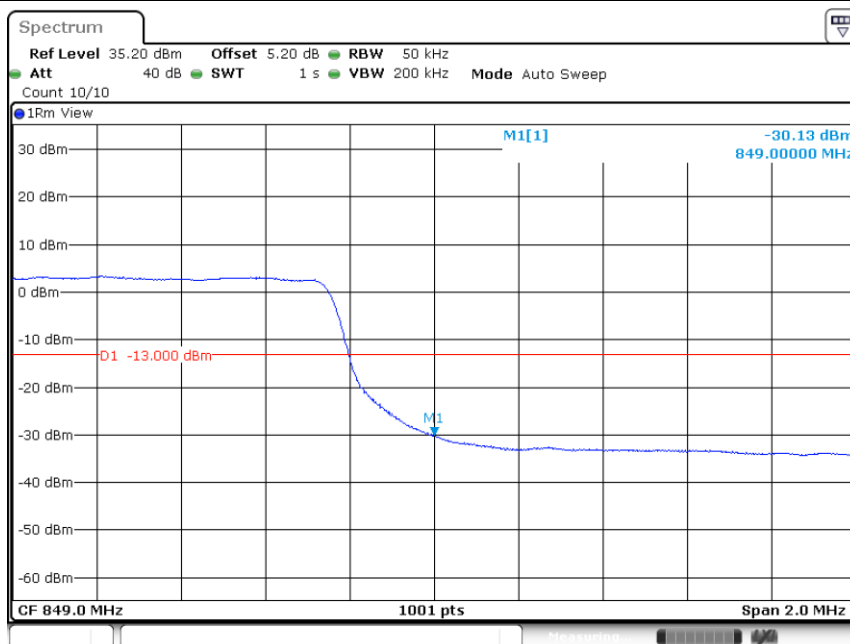


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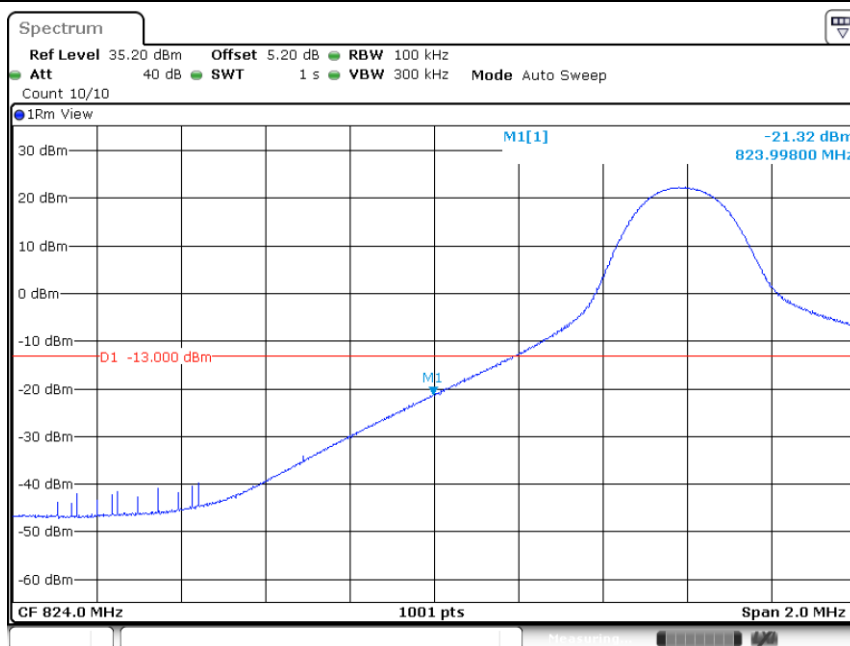


Band5-5MHz-16QAM-20625-25RB#0



Date: 4.JAN.2021 22:40:21

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

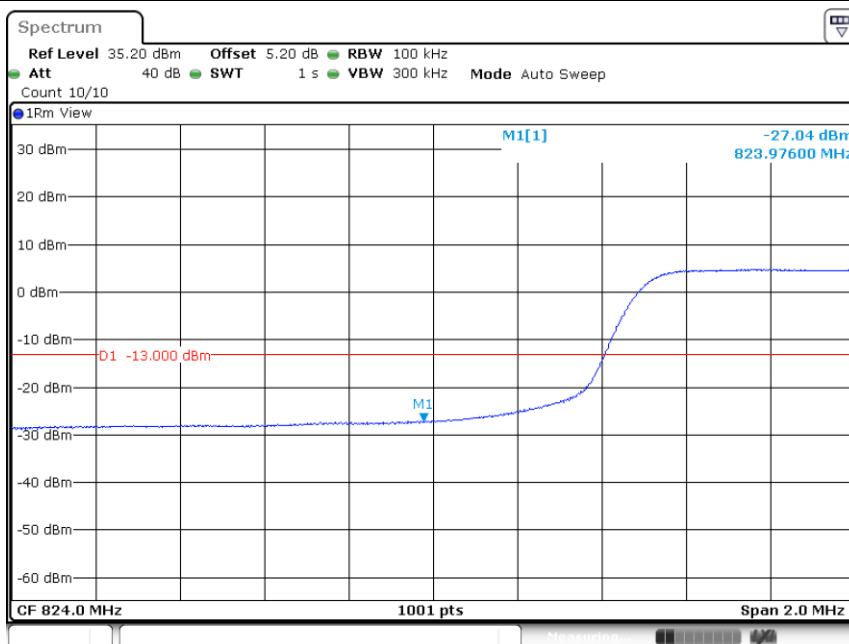


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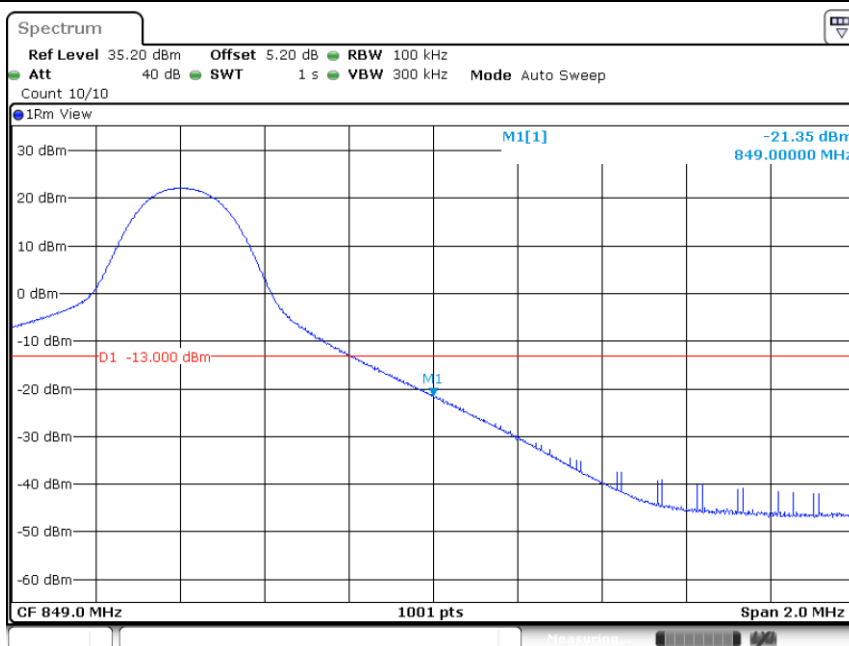


Band5-10MHz-QPSK-20450-50RB#0



Date: 4.JAN.2021 22:41:28

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



Date: 4.JAN.2021 22:42:13



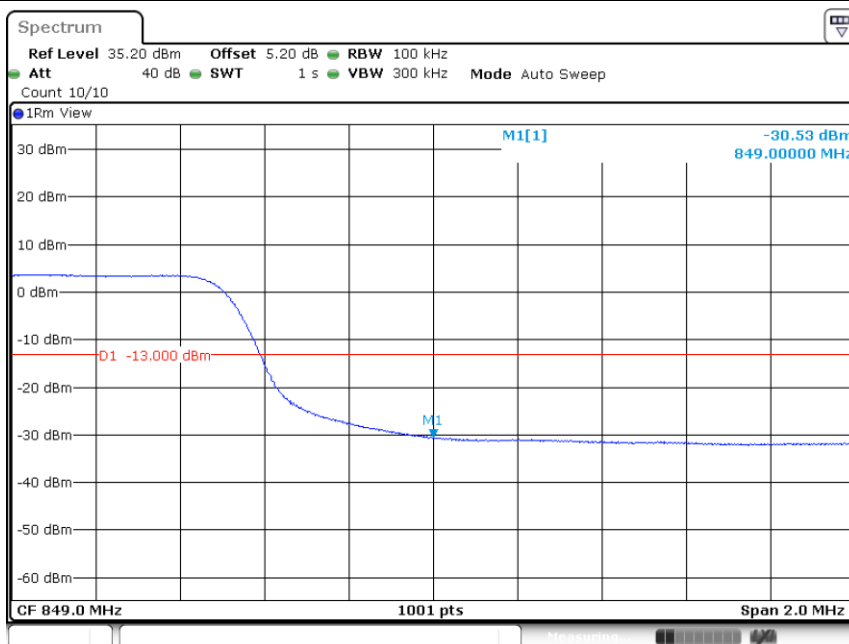
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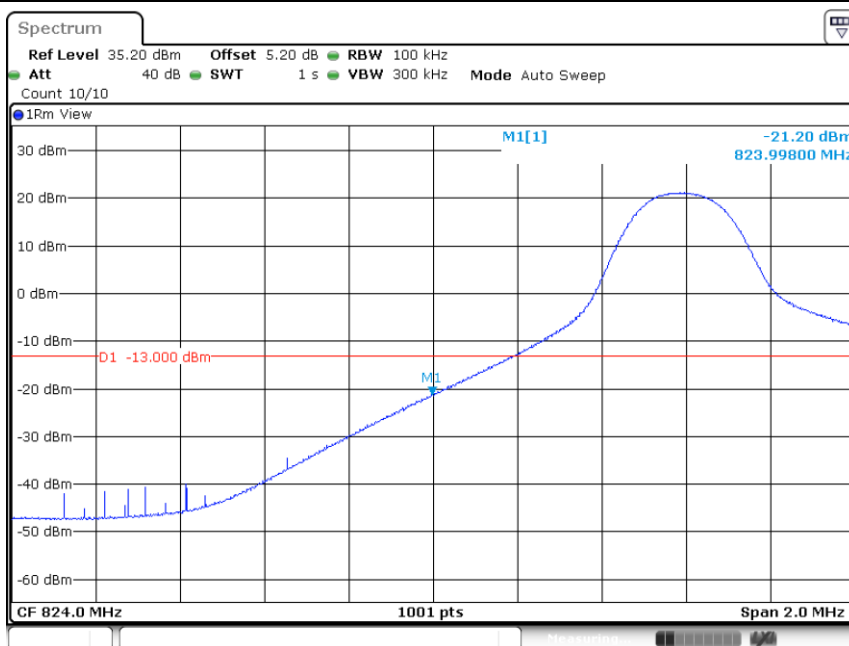


Band5-10MHz-QPSK-20600-50RB#0



Date: 4.JAN.2021 22:42:54

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



Date: 4.JAN.2021 22:41:07



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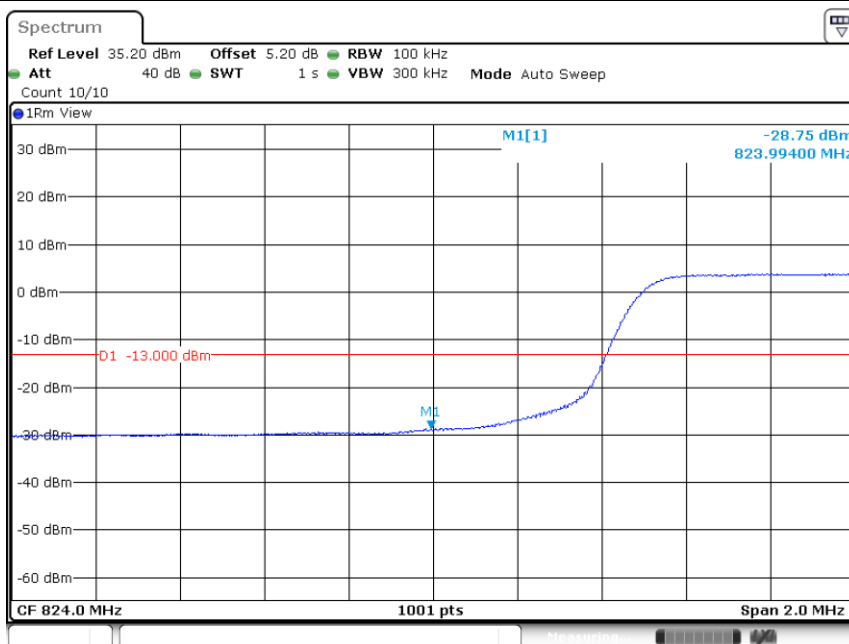
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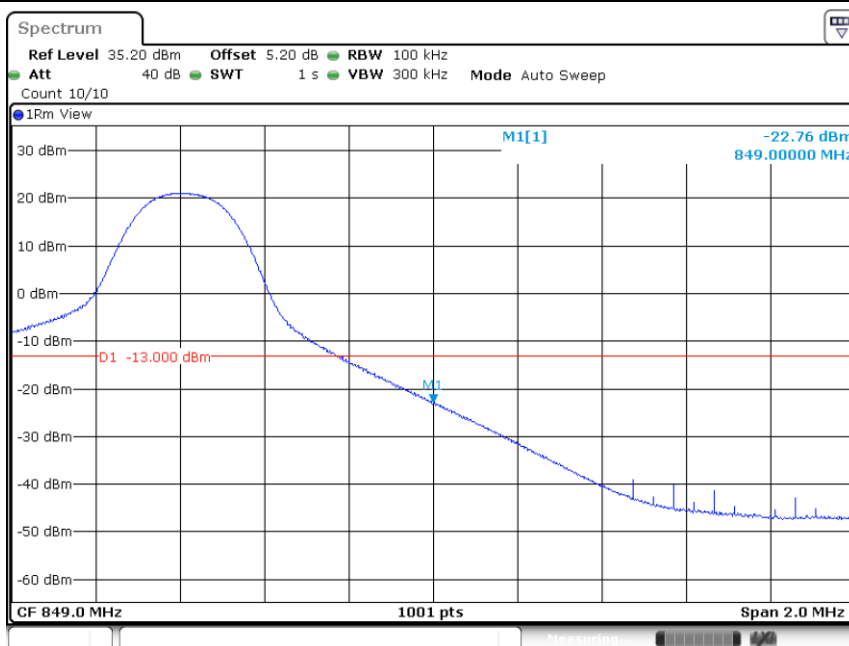


Band5-10MHz-16QAM-20450-50RB#0



Date: 4.JAN.2021 22:41:48

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



Date: 4.JAN.2021 22:42:34



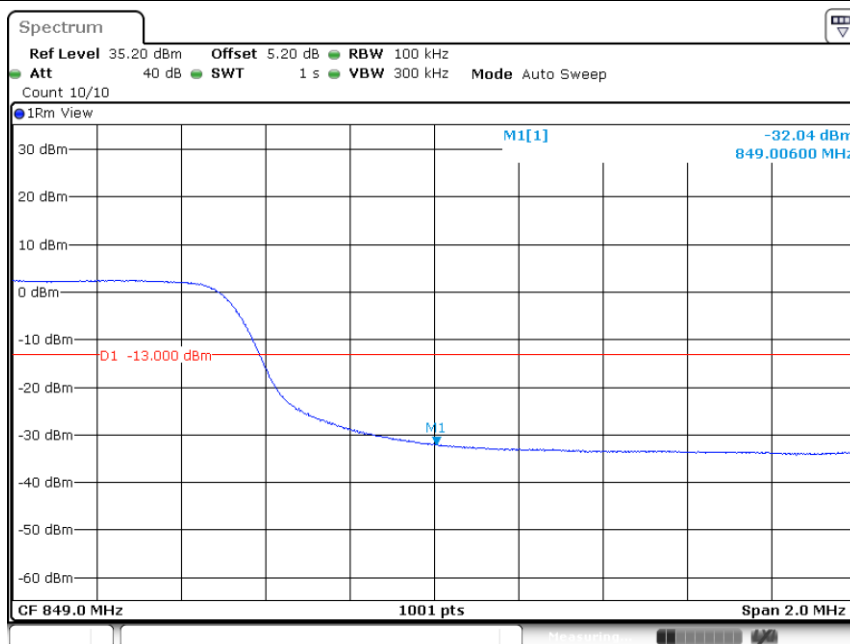
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Band5-10MHz-16QAM-20600-50RB#0



Date: 4.JAN.2021 22:43:15



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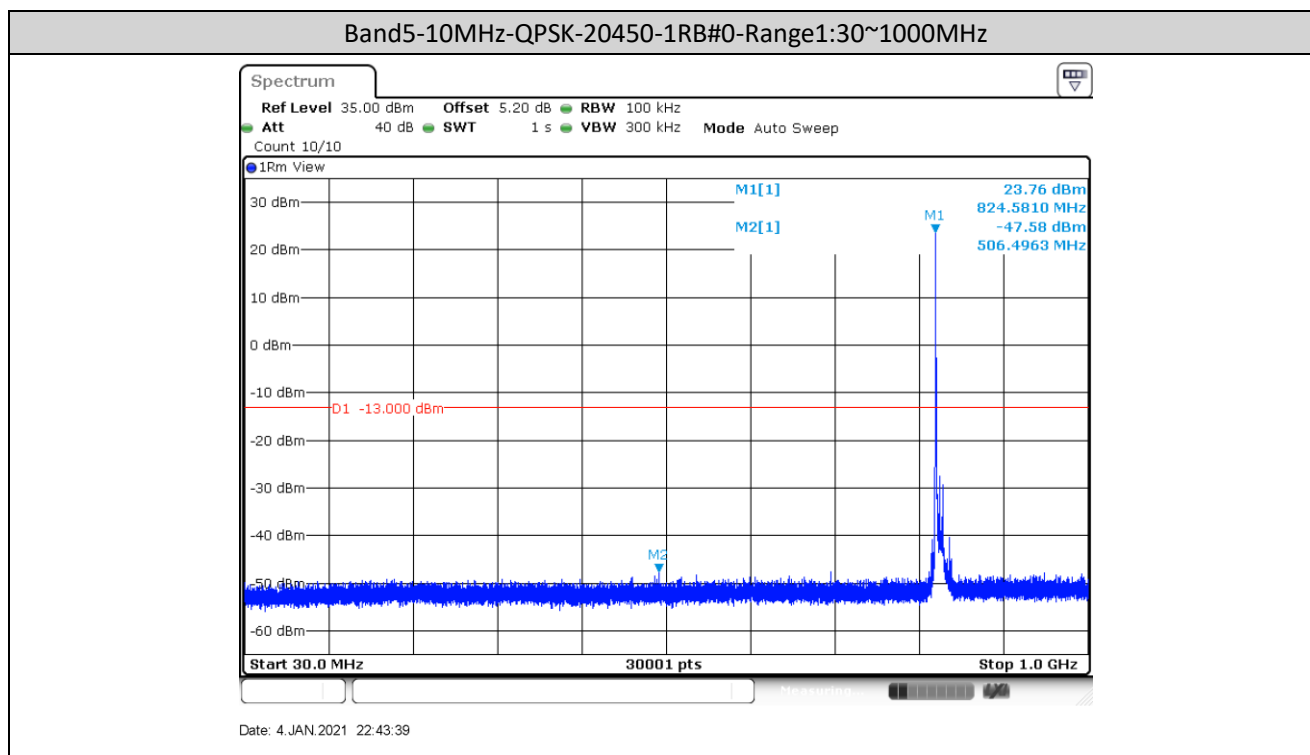
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6. Spurious Emission at Antenna Terminal

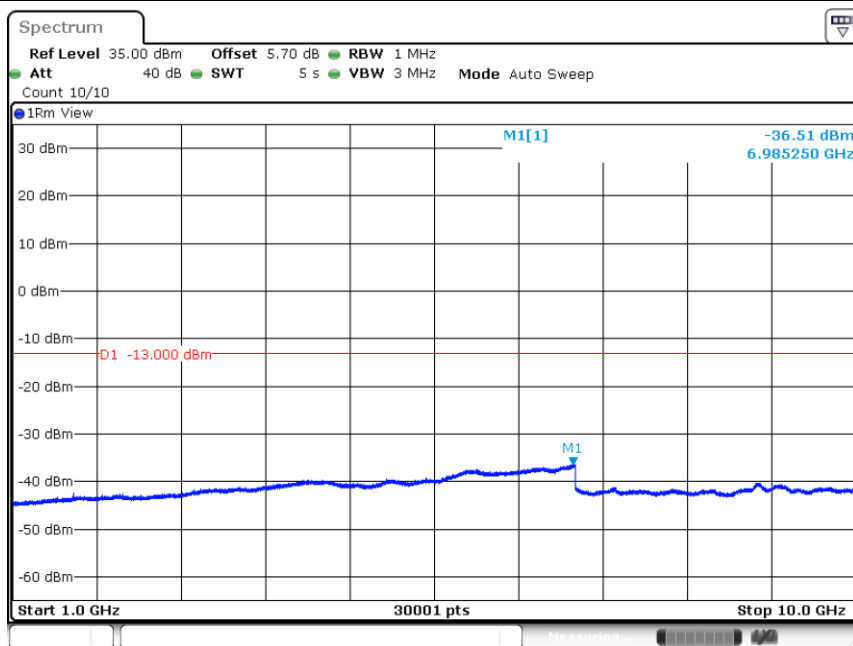
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

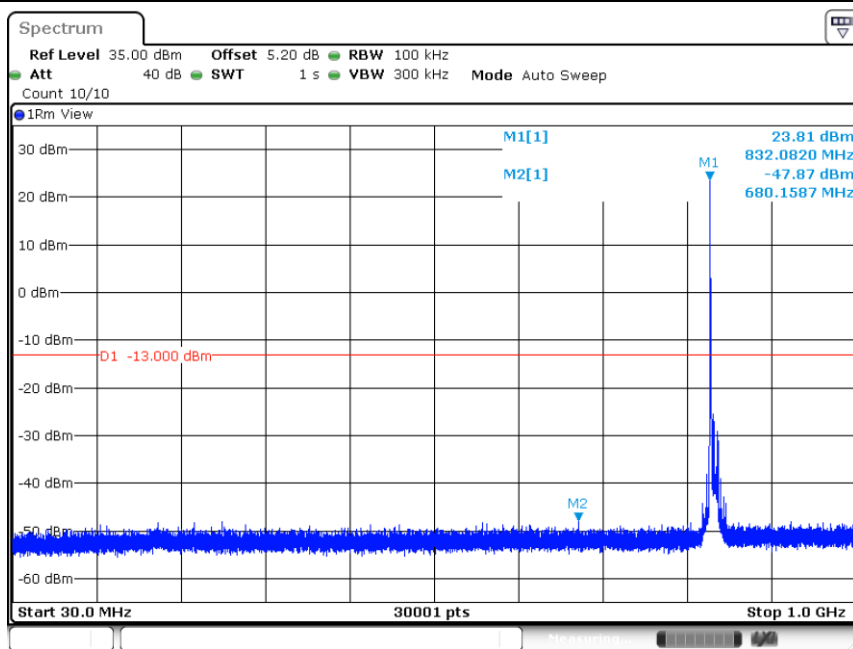


Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Date: 4.JAN.2021 22:44:46

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

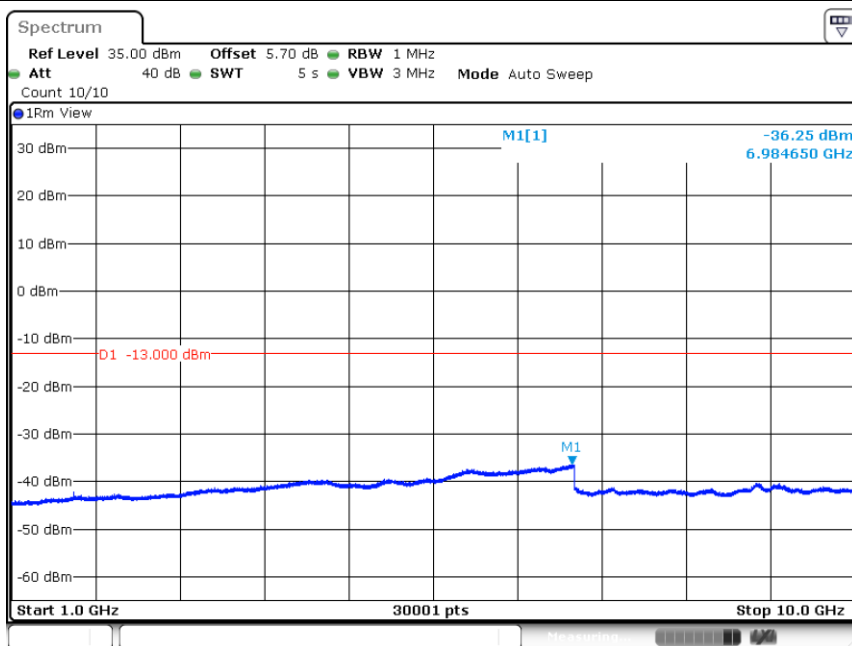


Date: 4.JAN.2021 22:46:33



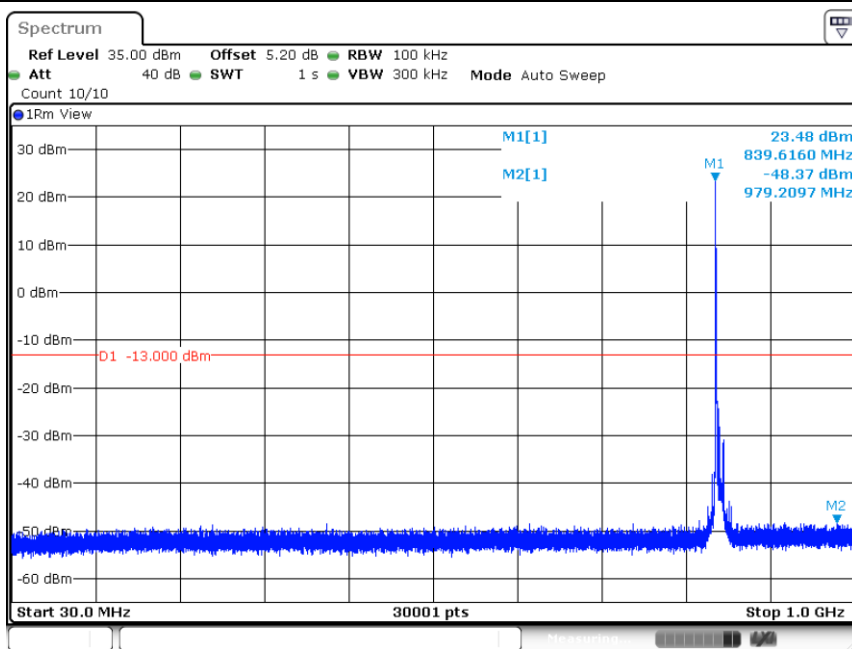
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Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 4.JAN.2021 22:47:40

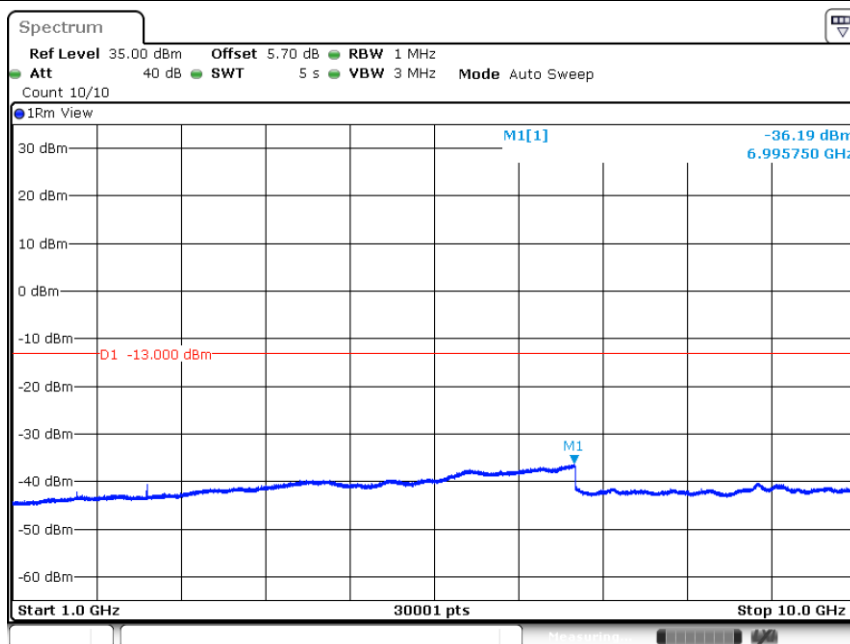
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 4.JAN.2021 22:49:27

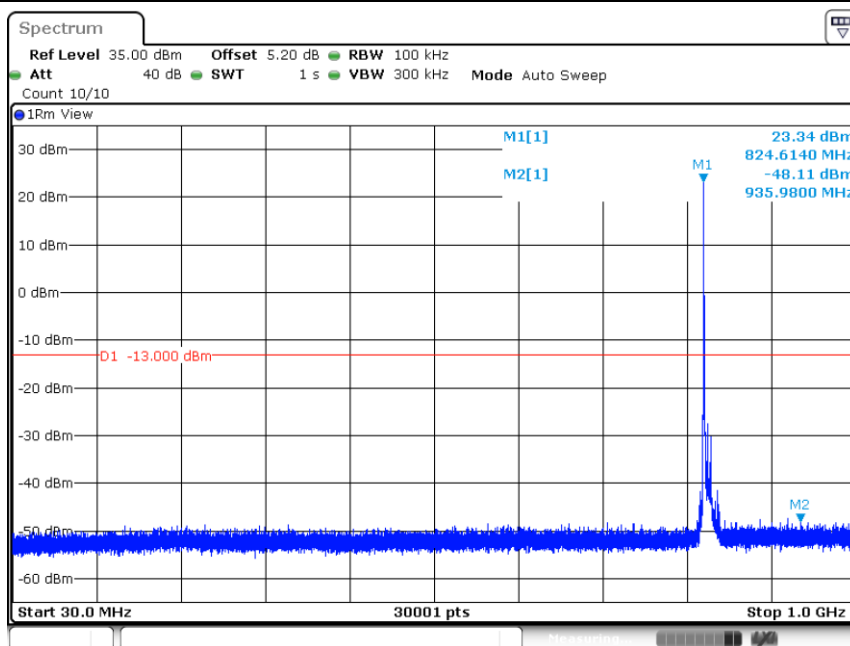


Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



Date: 4.JAN.2021 22:50:34

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



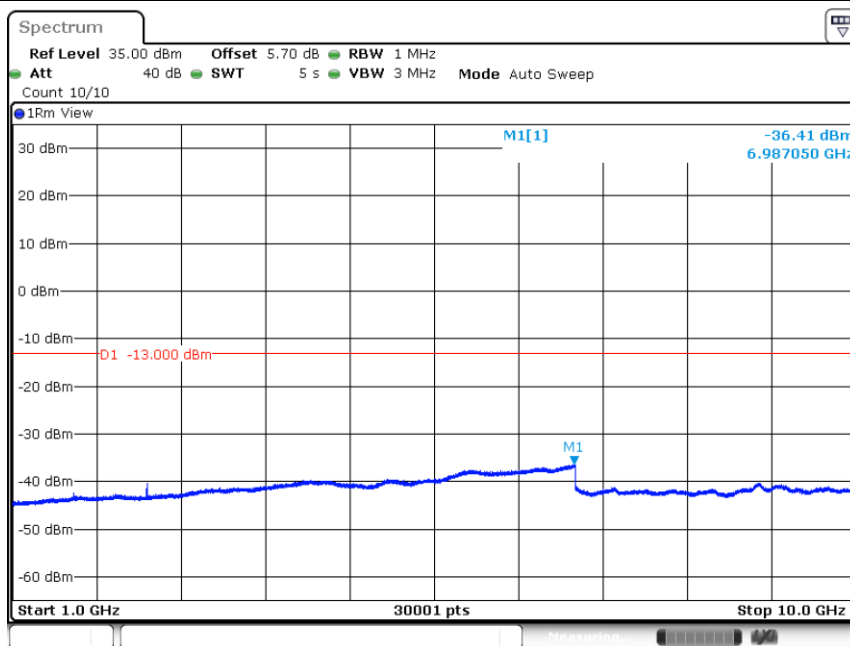
Date: 4.JAN.2021 22:45:06



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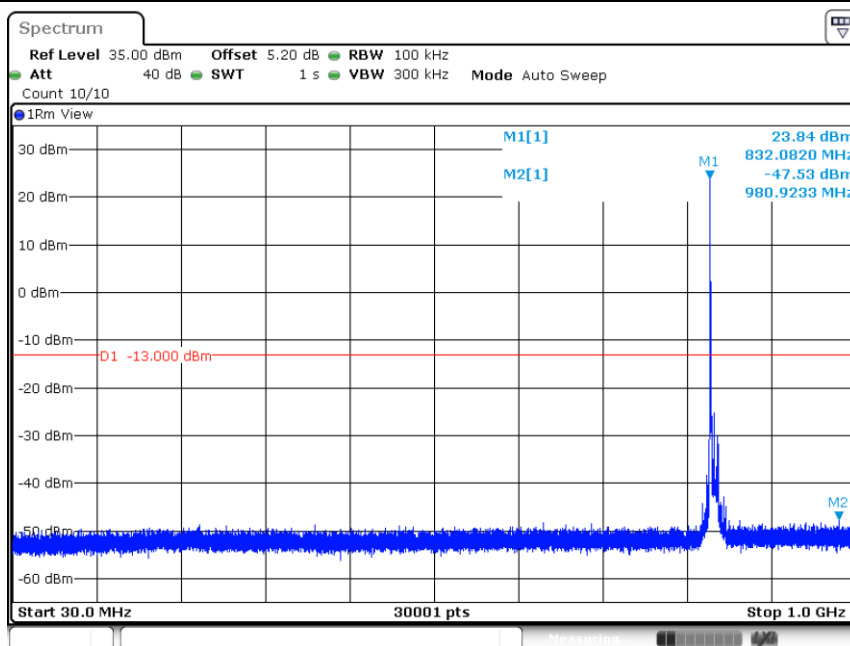
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Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 4.JAN.2021 22:46:13

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

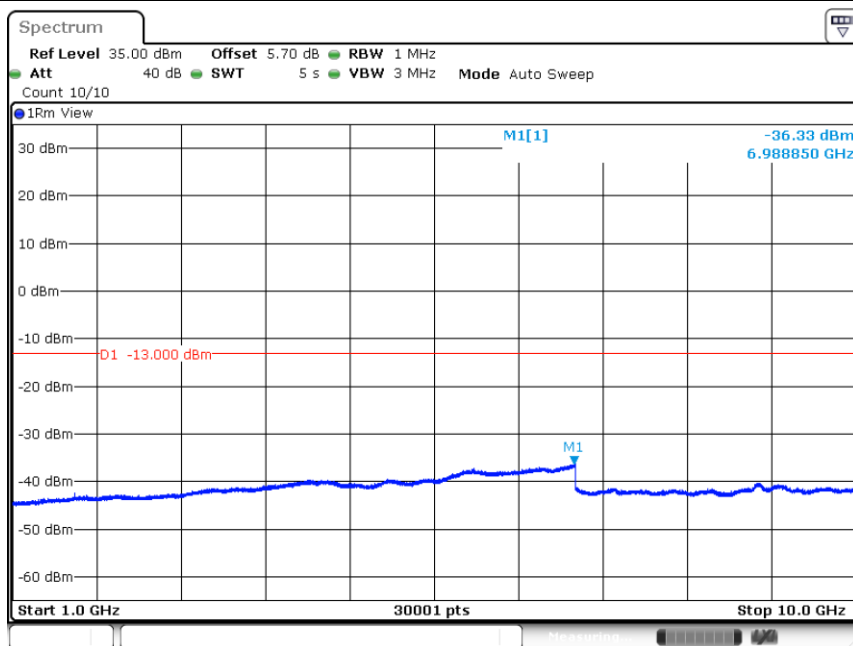


Date: 4.JAN.2021 22:48:00



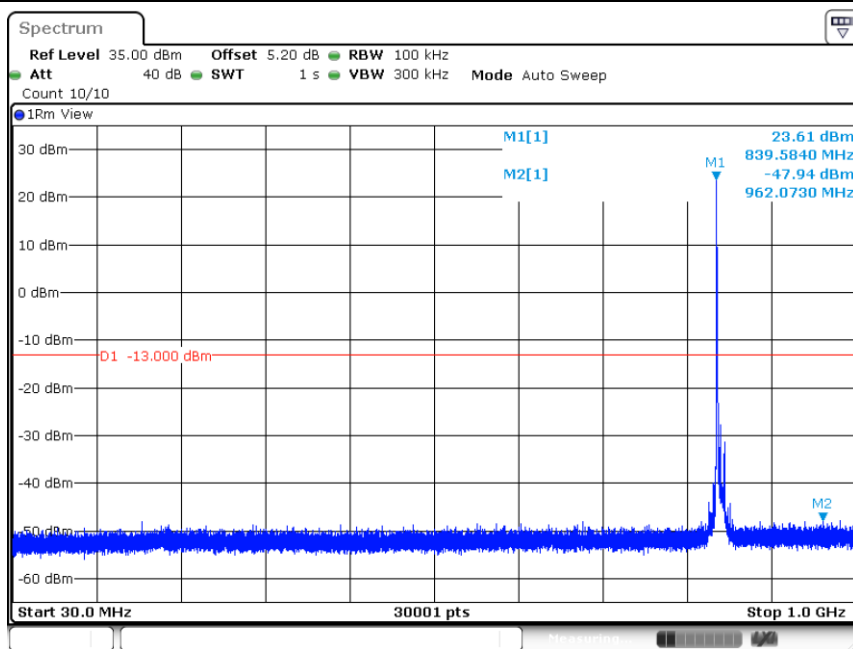
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Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 4.JAN.2021 22:49:07

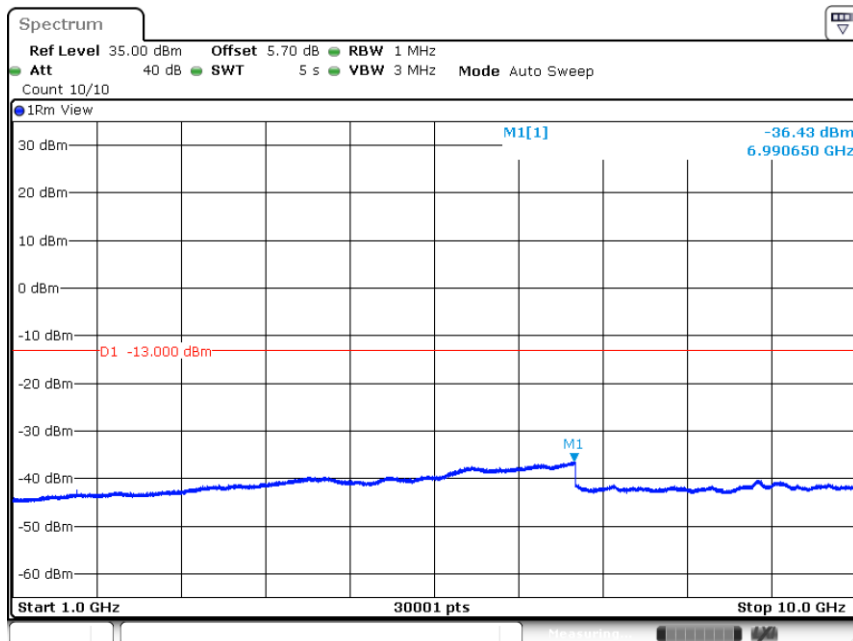
Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 4.JAN.2021 22:50:54



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 4.JAN.2021 22:52:01



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_5_TM1

7.1.1. Test Channel = Low Channel

| Suspected Data List | | | | | |
|---------------------|----------------|----------------|----------------|----------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.2112 | -60.08 | -13.00 | 47.08 | Horizontal |
| 2 | 240.0155 | -64.70 | -13.00 | 51.70 | Horizontal |
| 3 | 1649.3299 | -60.62 | -13.00 | 47.62 | Horizontal |
| 4 | 2473.8948 | -56.15 | -13.00 | 43.15 | Horizontal |
| 5 | 7446.7816 | -56.00 | -13.00 | 43.00 | Horizontal |
| 6 | 9311.4104 | -52.60 | -13.00 | 39.60 | Horizontal |



7.2. Test Band = LTE_5_TM1

7.2.1. Test Channel = Low Channel

| Suspected Data List | | | | | |
|---------------------|----------------|----------------|----------------|----------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 108.4769 | -61.84 | -13.00 | 48.84 | Vertical |
| 2 | 581.9576 | -61.05 | -13.00 | 48.05 | Vertical |
| 3 | 1649.3299 | -60.40 | -13.00 | 47.40 | Vertical |
| 4 | 2473.8948 | -53.94 | -13.00 | 40.94 | Vertical |
| 5 | 5772.0924 | -60.19 | -13.00 | 47.19 | Vertical |
| 6 | 9760.8254 | -52.14 | -13.00 | 39.14 | Vertical |



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7.3. Test Band = LTE_5_TM1

7.3.1. Test Channel = Mid Channel

| Suspected Data List | | | | | |
|---------------------|----------------|----------------|----------------|----------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 43.5807 | -61.48 | -13.00 | 48.48 | Horizontal |
| 2 | 232.3036 | -64.71 | -13.00 | 51.71 | Horizontal |
| 3 | 602.4256 | -60.05 | -13.00 | 47.05 | Horizontal |
| 4 | 1664.1328 | -59.55 | -13.00 | 46.55 | Horizontal |
| 5 | 2496.6993 | -53.30 | -13.00 | 40.30 | Horizontal |
| 6 | 9545.9182 | -52.75 | -13.00 | 39.75 | Horizontal |





7.4. Test Band = LTE_5_TM1

7.4.1. Test Channel = Mid Channel

| Suspected Data List | | | | | |
|---------------------|----------------|----------------|----------------|----------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 50.8560 | -67.16 | -13.00 | 54.16 | Vertical |
| 2 | 107.6039 | -62.15 | -13.00 | 49.15 | Vertical |
| 3 | 595.8293 | -60.32 | -13.00 | 47.32 | Vertical |
| 4 | 1664.1328 | -59.34 | -13.00 | 46.34 | Vertical |
| 5 | 2496.2993 | -54.43 | -13.00 | 41.43 | Vertical |
| 6 | 9315.1438 | -53.05 | -13.00 | 40.05 | Vertical |



7.5. Test Band = LTE_5_TM1

7.5.1. Test Channel = High Channel

| Suspected Data List | | | | | |
|---------------------|----------------|----------------|----------------|----------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.4052 | -61.77 | -13.00 | 48.77 | Horizontal |
| 2 | 229.3450 | -63.92 | -13.00 | 50.92 | Horizontal |
| 3 | 631.9636 | -59.71 | -13.00 | 46.71 | Horizontal |
| 4 | 1679.3359 | -58.32 | -13.00 | 45.32 | Horizontal |
| 5 | 2518.7037 | -54.11 | -13.00 | 41.11 | Horizontal |
| 6 | 8013.3338 | -56.73 | -13.00 | 43.73 | Horizontal |



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7.6. Test Band = LTE_5_TM1

7.6.1. Test Channel = High Channel

| Suspected Data List | | | | | |
|---------------------|----------------|----------------|----------------|----------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 111.4841 | -61.11 | -13.00 | 48.11 | Vertical |
| 2 | 681.6786 | -59.82 | -13.00 | 46.82 | Vertical |
| 3 | 1678.9358 | -58.38 | -13.00 | 45.38 | Vertical |
| 4 | 2519.1038 | -52.19 | -13.00 | 39.19 | Vertical |
| 5 | 5877.0959 | -59.33 | -13.00 | 46.33 | Vertical |
| 6 | 9555.2518 | -52.91 | -13.00 | 39.91 | 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 | -10.70 | -0.012907 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VN | NT | -4.50 | -0.005428 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VH | NT | -7.40 | -0.008926 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VL | NT | -8.10 | -0.009683 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VN | NT | -11.90 | -0.014226 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VH | NT | -12.20 | -0.014585 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VL | NT | 0.00 | 0.000000 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VN | NT | -6.80 | -0.008057 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VH | NT | -7.40 | -0.008768 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VL | NT | -4.50 | -0.005428 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VN | NT | -1.60 | -0.001930 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VH | NT | -8.40 | -0.010133 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VL | NT | -3.50 | -0.004184 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VN | NT | -1.70 | -0.002032 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VH | NT | -8.60 | -0.010281 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VL | NT | -5.60 | -0.006635 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VN | NT | -8.30 | -0.009834 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VH | NT | -9.10 | -0.010782 | ±2.5 | PASS |

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 | -6.60 | -0.007961 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | -20 | -0.30 | -0.000362 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | -10 | -3.40 | -0.004101 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 0 | -11.60 | -0.013993 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 10 | -6.90 | -0.008323 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 20 | -4.10 | -0.004946 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 30 | -4.80 | -0.005790 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 40 | -6.40 | -0.007720 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 50 | -10.60 | -0.012786 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -30 | -8.80 | -0.010520 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -20 | -11.90 | -0.014226 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -10 | -5.20 | -0.006216 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 0 | -9.80 | -0.011715 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 10 | -4.40 | -0.005260 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 20 | -9.00 | -0.010759 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 30 | -8.90 | -0.010640 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 40 | -8.50 | -0.010161 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 50 | -7.10 | -0.008488 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -30 | -6.40 | -0.007583 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -20 | -4.90 | -0.005806 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -10 | -2.80 | -0.003318 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 0 | -8.30 | -0.009834 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 10 | -8.20 | -0.009716 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 20 | -6.10 | -0.007227 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 30 | -2.50 | -0.002962 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 40 | -4.60 | -0.005450 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 50 | -4.80 | -0.005687 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | -8.60 | -0.010374 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | -5.90 | -0.007117 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -10 | -3.70 | -0.004463 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0 | -4.10 | -0.004946 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10 | -1.30 | -0.001568 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20 | -1.80 | -0.002171 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30 | -8.50 | -0.010253 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40 | -6.10 | -0.007358 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50 | -6.70 | -0.008082 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -30 | -8.10 | -0.009683 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -20 | -5.20 | -0.006216 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -10 | -7.10 | -0.008488 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0 | -1.00 | -0.001195 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10 | -7.40 | -0.008846 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20 | -4.50 | -0.005380 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30 | -0.90 | -0.001076 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40 | -7.10 | -0.008488 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50 | -5.20 | -0.006216 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -5.40 | -0.006398 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | -5.50 | -0.006517 | ±2.5 | PASS |



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|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -10 | -9.10 | -0.010782 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0 | -9.00 | -0.010664 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10 | -9.00 | -0.010664 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20 | -4.80 | -0.005687 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30 | -4.80 | -0.005687 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40 | -4.60 | -0.005450 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50 | -1.00 | -0.001185 | ±2.5 | PASS |



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