

Appendix B

E-UTRA Band 5



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1 Effective (Isotropic) Radiated Power

1.1 Test Result

ANT1:

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------|--------------|-----------|-------------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | 23.40 | 16.75 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#2 | 23.27 | 16.62 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | 23.10 | 16.45 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#0 | 23.23 | 16.58 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#1 | 23.29 | 16.64 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#3 | 23.27 | 16.62 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 23.23 | 16.58 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#0 | 23.17 | 16.52 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#2 | 23.34 | 16.69 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#5 | 23.23 | 16.58 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#0 | 23.23 | 16.58 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#1 | 23.34 | 16.69 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#3 | 23.21 | 16.56 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 23.16 | 16.51 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | 23.37 | 16.72 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#2 | 23.42 | 16.77 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | 23.29 | 16.64 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#0 | 23.33 | 16.68 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#1 | 23.40 | 16.75 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#3 | 23.30 | 16.65 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 23.28 | 16.63 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 23.38 | 16.73 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 23.53 | 16.88 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 23.34 | 16.69 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 23.33 | 16.68 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 23.40 | 16.75 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 23.46 | 16.81 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 22.32 | 15.67 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 23.32 | 16.67 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 23.58 | 16.93 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 23.47 | 16.82 | 38.45 | PASS |



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| | | | | | | | | |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 23.27 | 16.62 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 23.38 | 16.73 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 23.39 | 16.74 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 22.40 | 15.75 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 23.63 | 16.98 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 23.63 | 16.98 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 23.37 | 16.72 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 23.42 | 16.77 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1 | 23.48 | 16.83 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3 | 23.47 | 16.82 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 22.39 | 15.74 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#0 | 22.31 | 15.66 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#2 | 22.07 | 15.42 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#5 | 21.70 | 15.05 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#0 | 22.01 | 15.36 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#1 | 21.97 | 15.32 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#3 | 21.80 | 15.15 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 20.87 | 14.22 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 21.91 | 15.26 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 21.88 | 15.23 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 21.94 | 15.29 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 21.99 | 15.34 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 22.01 | 15.36 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 21.90 | 15.25 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 20.97 | 14.32 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 21.76 | 15.11 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2 | 22.02 | 15.37 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5 | 21.96 | 15.31 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0 | 22.05 | 15.4 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1 | 21.98 | 15.33 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3 | 21.99 | 15.34 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 20.95 | 14.3 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | 23.23 | 16.58 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#8 | 22.94 | 16.29 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#14 | 23.38 | 16.73 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#0 | 23.24 | 16.59 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#4 | 23.24 | 16.59 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#7 | 23.24 | 16.59 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 23.20 | 16.55 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#0 | 23.26 | 16.61 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#8 | 23.17 | 16.52 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#14 | 23.25 | 16.6 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#0 | 23.18 | 16.53 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#4 | 23.31 | 16.66 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#7 | 23.24 | 16.59 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 23.27 | 16.62 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | 23.35 | 16.7 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#8 | 23.46 | 16.81 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#14 | 23.26 | 16.61 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#0 | 23.30 | 16.65 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#4 | 23.36 | 16.71 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#7 | 23.32 | 16.67 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 23.35 | 16.7 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 23.35 | 16.7 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8 | 23.36 | 16.71 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 23.59 | 16.94 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0 | 22.37 | 15.72 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4 | 22.19 | 15.54 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7 | 22.25 | 15.6 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 22.14 | 15.49 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 23.47 | 16.82 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8 | 23.54 | 16.89 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 23.53 | 16.88 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0 | 22.20 | 15.55 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4 | 22.38 | 15.73 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7 | 22.31 | 15.66 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 22.34 | 15.69 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 23.58 | 16.93 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8 | 23.58 | 16.93 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 23.57 | 16.92 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0 | 22.43 | 15.78 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4 | 22.27 | 15.62 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7 | 22.37 | 15.72 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 22.27 | 15.62 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#0 | 22.14 | 15.49 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#8 | 21.82 | 15.17 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 3MHz | 64QAM | 20415 | 1RB#14 | 22.21 | 15.56 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#0 | 20.88 | 14.23 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#4 | 20.82 | 14.17 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#7 | 20.77 | 14.12 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 20.76 | 14.11 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#0 | 21.92 | 15.27 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#8 | 22.01 | 15.36 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 21.94 | 15.29 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0 | 20.84 | 14.19 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4 | 20.83 | 14.18 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7 | 20.82 | 14.17 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 20.82 | 14.17 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0 | 22.13 | 15.48 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8 | 21.98 | 15.33 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 21.89 | 15.24 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0 | 20.87 | 14.22 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4 | 20.86 | 14.21 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7 | 20.92 | 14.27 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 20.81 | 14.16 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | 23.37 | 16.72 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#12 | 23.16 | 16.51 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#24 | 23.25 | 16.6 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#0 | 23.20 | 16.55 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#6 | 23.26 | 16.61 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#13 | 23.14 | 16.49 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 23.32 | 16.67 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#0 | 23.35 | 16.7 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#12 | 23.16 | 16.51 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#24 | 22.81 | 16.16 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#0 | 23.30 | 16.65 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#6 | 23.26 | 16.61 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#13 | 23.20 | 16.55 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 23.27 | 16.62 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | 23.33 | 16.68 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#12 | 23.41 | 16.76 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#24 | 23.34 | 16.69 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#0 | 23.39 | 16.74 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#6 | 23.40 | 16.75 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | QPSK | 20625 | 12RB#13 | 23.37 | 16.72 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 23.34 | 16.69 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 23.46 | 16.81 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12 | 23.31 | 16.66 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24 | 23.35 | 16.7 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0 | 22.26 | 15.61 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6 | 22.32 | 15.67 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 22.32 | 15.67 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 22.26 | 15.61 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 23.43 | 16.78 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12 | 23.58 | 16.93 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24 | 23.63 | 16.98 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0 | 22.36 | 15.71 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6 | 22.32 | 15.67 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 22.27 | 15.62 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 22.33 | 15.68 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0 | 23.69 | 17.04 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12 | 23.54 | 16.89 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24 | 23.54 | 16.89 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0 | 22.52 | 15.87 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#6 | 22.40 | 15.75 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#13 | 22.41 | 15.76 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 22.45 | 15.8 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0 | 22.02 | 15.37 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12 | 21.90 | 15.25 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24 | 21.91 | 15.26 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0 | 20.91 | 14.26 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6 | 20.88 | 14.23 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 20.89 | 14.24 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0 | 20.84 | 14.19 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0 | 22.16 | 15.51 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12 | 21.81 | 15.16 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24 | 22.01 | 15.36 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0 | 20.97 | 14.32 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#6 | 20.90 | 14.25 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#13 | 20.88 | 14.23 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0 | 20.93 | 14.28 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#0 | 22.12 | 15.47 | 38.45 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | 64QAM | 20625 | 1RB#12 | 22.07 | 15.42 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#24 | 22.17 | 15.52 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#0 | 21.04 | 14.39 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#6 | 20.92 | 14.27 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#13 | 20.91 | 14.26 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0 | 20.88 | 14.23 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 23.34 | 16.69 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#24 | 23.62 | 16.97 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | 23.47 | 16.82 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#0 | 23.38 | 16.73 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#12 | 23.33 | 16.68 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#25 | 23.29 | 16.64 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 23.20 | 16.55 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 23.49 | 16.84 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#24 | 23.24 | 16.59 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#49 | 22.35 | 15.7 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#0 | 23.75 | 17.1 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#12 | 23.43 | 16.78 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#25 | 23.26 | 16.61 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 23.33 | 16.68 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 23.37 | 16.72 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#24 | 23.31 | 16.66 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | 23.65 | 17 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#0 | 23.28 | 16.63 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#12 | 23.40 | 16.75 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#25 | 23.40 | 16.75 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 23.65 | 17 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 23.59 | 16.94 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24 | 23.54 | 16.89 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | 23.76 | 17.11 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0 | 22.20 | 15.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 22.26 | 15.61 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 22.19 | 15.54 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 22.27 | 15.62 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 23.63 | 16.98 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24 | 23.36 | 16.71 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49 | 23.50 | 16.85 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0 | 22.23 | 15.58 | 38.45 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 22.35 | 15.7 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 22.38 | 15.73 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 22.40 | 15.75 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 23.65 | 17 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24 | 23.63 | 16.98 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | 23.89 | 17.24 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0 | 22.32 | 15.67 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 22.35 | 15.7 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 22.45 | 15.8 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 22.38 | 15.73 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0 | 22.24 | 15.59 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24 | 22.17 | 15.52 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49 | 21.75 | 15.1 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0 | 20.92 | 14.27 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 20.94 | 14.29 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 21.03 | 14.38 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 20.91 | 14.26 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0 | 22.26 | 15.61 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24 | 22.02 | 15.37 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49 | 21.52 | 14.87 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0 | 20.89 | 14.24 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 20.93 | 14.28 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 21.03 | 14.38 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 20.98 | 14.33 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0 | 22.31 | 15.66 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24 | 22.16 | 15.51 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49 | 21.94 | 15.29 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0 | 20.92 | 14.27 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 21.00 | 14.35 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 20.99 | 14.34 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 20.96 | 14.31 | 38.45 | PASS |



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ANT2:

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | ERP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------|--------------|-----------|-------------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | 23.05 | 16.4 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#2 | 22.82 | 16.17 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | 22.89 | 16.24 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#0 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#1 | 22.91 | 16.26 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#3 | 22.84 | 16.19 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 22.80 | 16.15 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#0 | 23.01 | 16.36 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#2 | 22.80 | 16.15 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#5 | 22.85 | 16.2 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#0 | 22.80 | 16.15 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#1 | 22.91 | 16.26 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#3 | 22.88 | 16.23 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 22.83 | 16.18 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | 22.96 | 16.31 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#2 | 22.90 | 16.25 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | 22.78 | 16.13 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#0 | 22.84 | 16.19 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#1 | 22.98 | 16.33 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#3 | 22.80 | 16.15 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 22.81 | 16.16 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 22.75 | 16.1 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 22.84 | 16.19 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 22.87 | 16.22 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 22.80 | 16.15 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 22.03 | 15.38 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 22.85 | 16.2 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 22.91 | 16.26 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 23.08 | 16.43 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 22.79 | 16.14 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 22.93 | 16.28 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 21.77 | 15.12 | 38.45 | PASS |



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|-------|--------|-------|-------|--------|--------------|-------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 23.00 | 16.35 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 23.04 | 16.39 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 23.01 | 16.36 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 22.91 | 16.26 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1 | 23.05 | 16.4 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3 | 22.85 | 16.2 | 38.45 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 21.87 | 15.22 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#0 | 21.75 | 15.1 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#2 | 21.90 | 15.25 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#5 | 21.81 | 15.16 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#0 | 21.80 | 15.15 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#1 | 21.87 | 15.22 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 3RB#3 | 21.80 | 15.15 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 21.00 | 14.35 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 21.81 | 15.16 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#2 | 21.88 | 15.23 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#5 | 22.05 | 15.4 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#0 | 21.75 | 15.1 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#1 | 21.86 | 15.21 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 3RB#3 | 21.91 | 15.26 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 20.74 | 14.09 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 21.97 | 15.32 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#2 | 22.00 | 15.35 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#5 | 21.98 | 15.33 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#0 | 21.86 | 15.21 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#1 | 22.02 | 15.37 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 3RB#3 | 21.84 | 15.19 | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 20.85 | 14.2 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | 22.87 | 16.22 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#8 | 22.76 | 16.11 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#14 | 22.83 | 16.18 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#0 | 22.89 | 16.24 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#4 | 22.88 | 16.23 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#7 | 22.83 | 16.18 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 22.87 | 16.22 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#0 | 22.87 | 16.22 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#8 | 23.02 | 16.37 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#14 | 22.74 | 16.09 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | QPSK | 20525 | 8RB#0 | 22.87 | 16.22 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#4 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#7 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 22.85 | 16.2 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | 22.96 | 16.31 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#8 | 22.98 | 16.33 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#14 | 22.79 | 16.14 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#0 | 22.94 | 16.29 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#4 | 22.89 | 16.24 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#7 | 22.94 | 16.29 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 22.91 | 16.26 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 22.75 | 16.1 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8 | 22.96 | 16.31 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.97 | 16.32 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0 | 21.89 | 15.24 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4 | 21.98 | 15.33 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7 | 21.87 | 15.22 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 21.80 | 15.15 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8 | 22.96 | 16.31 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 22.94 | 16.29 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0 | 21.95 | 15.3 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4 | 21.88 | 15.23 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7 | 21.96 | 15.31 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 21.92 | 15.27 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 22.71 | 16.06 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8 | 22.71 | 16.06 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0 | 22.10 | 15.45 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4 | 21.97 | 15.32 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7 | 21.99 | 15.34 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 21.84 | 15.19 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#0 | 21.75 | 15.1 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#8 | 21.94 | 15.29 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#14 | 21.92 | 15.27 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#0 | 20.84 | 14.19 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#4 | 20.95 | 14.3 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 8RB#7 | 20.84 | 14.19 | 38.45 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|--------------|-------|-------|------|
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 20.80 | 14.15 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#0 | 21.90 | 15.25 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#8 | 21.95 | 15.3 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#14 | 21.89 | 15.24 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#0 | 20.93 | 14.28 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#4 | 20.87 | 14.22 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 8RB#7 | 20.95 | 14.3 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 20.90 | 14.25 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0 | 21.66 | 15.01 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#8 | 21.67 | 15.02 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#14 | 21.94 | 15.29 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#0 | 21.10 | 14.45 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#4 | 20.94 | 14.29 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 8RB#7 | 20.98 | 14.33 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 20.83 | 14.18 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | 22.92 | 16.27 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#12 | 22.87 | 16.22 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#24 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#0 | 22.97 | 16.32 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#6 | 22.89 | 16.24 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#13 | 22.92 | 16.27 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 22.83 | 16.18 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#0 | 23.03 | 16.38 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#12 | 22.87 | 16.22 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#24 | 22.82 | 16.17 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#0 | 22.88 | 16.23 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#6 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#13 | 22.90 | 16.25 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | 23.01 | 16.36 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#12 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#24 | 22.94 | 16.29 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#0 | 22.91 | 16.26 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#6 | 22.98 | 16.33 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#13 | 22.97 | 16.32 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 23.02 | 16.37 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 22.75 | 16.1 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12 | 22.75 | 16.1 | 38.45 | PASS |



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|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24 | 22.66 | 16.01 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0 | 21.89 | 15.24 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6 | 21.87 | 15.22 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 21.81 | 15.16 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 21.93 | 15.28 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 22.74 | 16.09 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12 | 22.99 | 16.34 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24 | 22.74 | 16.09 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0 | 21.79 | 15.14 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6 | 21.98 | 15.33 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 21.85 | 15.2 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 21.90 | 15.25 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0 | 22.66 | 16.01 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12 | 22.71 | 16.06 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24 | 22.63 | 15.98 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0 | 21.82 | 15.17 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#6 | 22.09 | 15.44 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#13 | 21.95 | 15.3 | 38.45 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 22.11 | 15.46 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0 | 21.74 | 15.09 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#12 | 21.95 | 15.3 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#24 | 21.93 | 15.28 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#0 | 20.88 | 14.23 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#6 | 20.96 | 14.31 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 12RB#13 | 20.84 | 14.19 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0 | 20.76 | 14.11 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0 | 21.90 | 15.25 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#12 | 21.92 | 15.27 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#24 | 21.91 | 15.26 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#0 | 20.93 | 14.28 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#6 | 20.88 | 14.23 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 12RB#13 | 20.92 | 14.27 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0 | 20.90 | 14.25 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#0 | 21.70 | 15.05 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#12 | 21.69 | 15.04 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#24 | 21.95 | 15.3 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#0 | 21.06 | 14.41 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 12RB#6 | 20.93 | 14.28 | 38.45 | PASS |



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|-------|-------|-------|-------|---------|--------------|-------|-------|------|
| Band5 | 5MHz | 64QAM | 20625 | 12RB#13 | 20.98 | 14.33 | 38.45 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0 | 20.79 | 14.14 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#24 | 23.07 | 16.42 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | 23.06 | 16.41 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#0 | 22.84 | 16.19 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#12 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#25 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 22.91 | 16.26 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 23.03 | 16.38 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#24 | 23.09 | 16.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#49 | 22.61 | 15.96 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#0 | 23.07 | 16.42 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#12 | 22.92 | 16.27 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#25 | 23.00 | 16.35 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 22.96 | 16.31 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 23.01 | 16.36 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#24 | 23.04 | 16.39 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | 22.90 | 16.25 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#0 | 22.95 | 16.3 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#12 | 22.90 | 16.25 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#25 | 22.97 | 16.32 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 22.93 | 16.28 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 22.97 | 16.32 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24 | 22.86 | 16.21 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | 22.75 | 16.1 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0 | 21.98 | 15.33 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 22.09 | 15.44 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.89 | 15.24 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 21.95 | 15.3 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 22.75 | 16.1 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24 | 23.00 | 16.35 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49 | 22.68 | 16.03 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0 | 21.89 | 15.24 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.97 | 15.32 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.89 | 15.24 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 21.99 | 15.34 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 22.90 | 16.25 | 38.45 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24 | 22.75 | 16.1 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | 22.74 | 16.09 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0 | 21.93 | 15.28 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.98 | 15.33 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 22.06 | 15.41 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 21.99 | 15.34 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0 | 21.72 | 15.07 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#24 | 21.93 | 15.28 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#49 | 21.93 | 15.28 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#0 | 20.86 | 14.21 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#12 | 20.93 | 14.28 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 25RB#25 | 20.87 | 14.22 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 20.78 | 14.13 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0 | 21.94 | 15.29 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#24 | 21.93 | 15.28 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#49 | 21.92 | 15.27 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#0 | 20.92 | 14.27 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#12 | 20.83 | 14.18 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 25RB#25 | 20.96 | 14.31 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 20.91 | 14.26 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0 | 21.69 | 15.04 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#24 | 21.70 | 15.05 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#49 | 21.90 | 15.25 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#0 | 21.07 | 14.42 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#12 | 20.97 | 14.32 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 25RB#25 | 20.94 | 14.29 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 20.84 | 14.19 | 38.45 | PASS |

Remark:

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

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

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



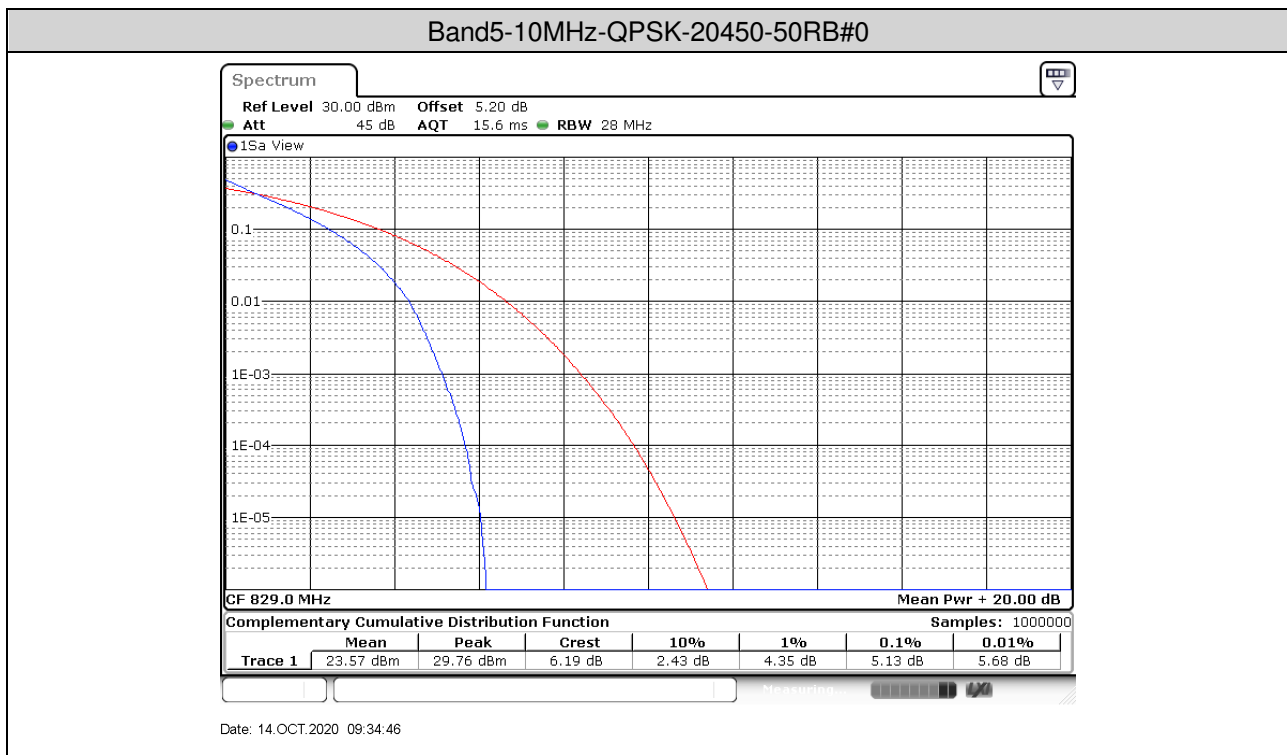
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2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 5.13 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 4.93 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 5.07 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 5.91 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 5.77 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 5.88 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 6.46 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 6.35 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 6.41 | 13 | PASS |

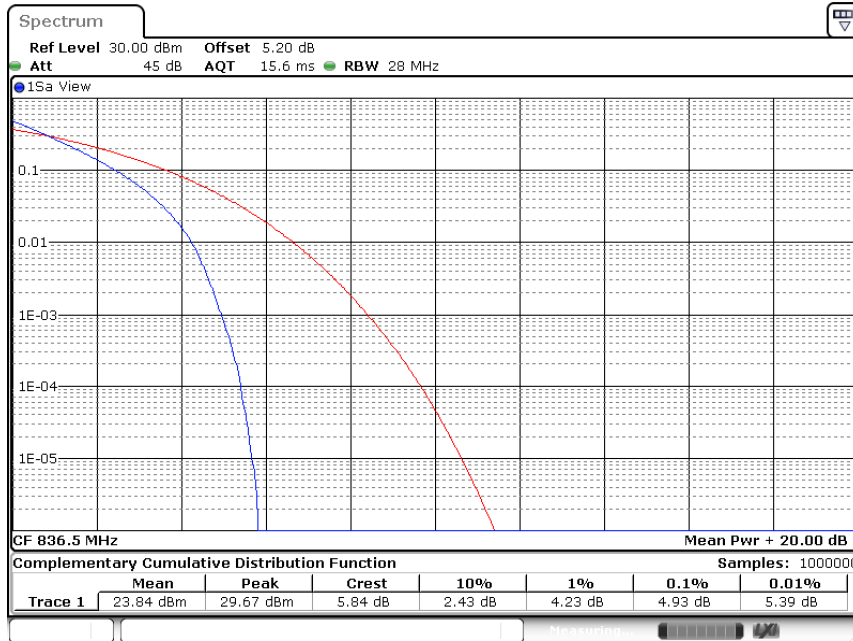
2.2 Test Plots



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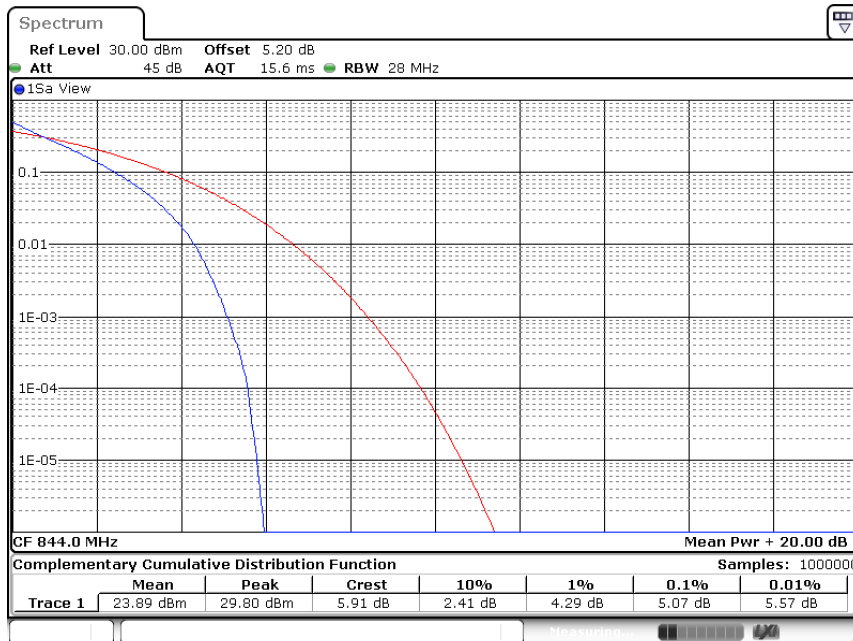
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Band5-10MHz-QPSK-20525-50RB#0



Date: 14.OCT.2020 09:35:15

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

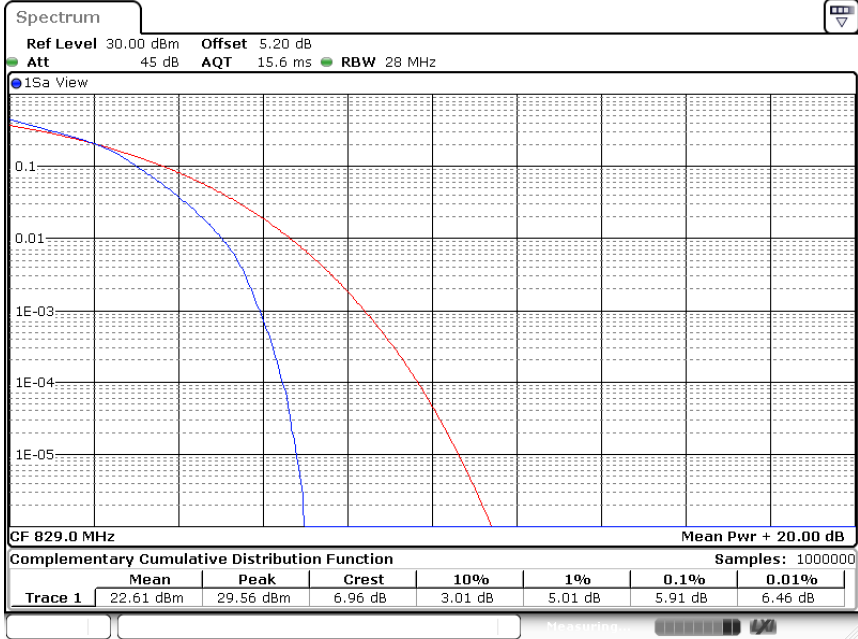


Date: 14.OCT.2020 09:35:44



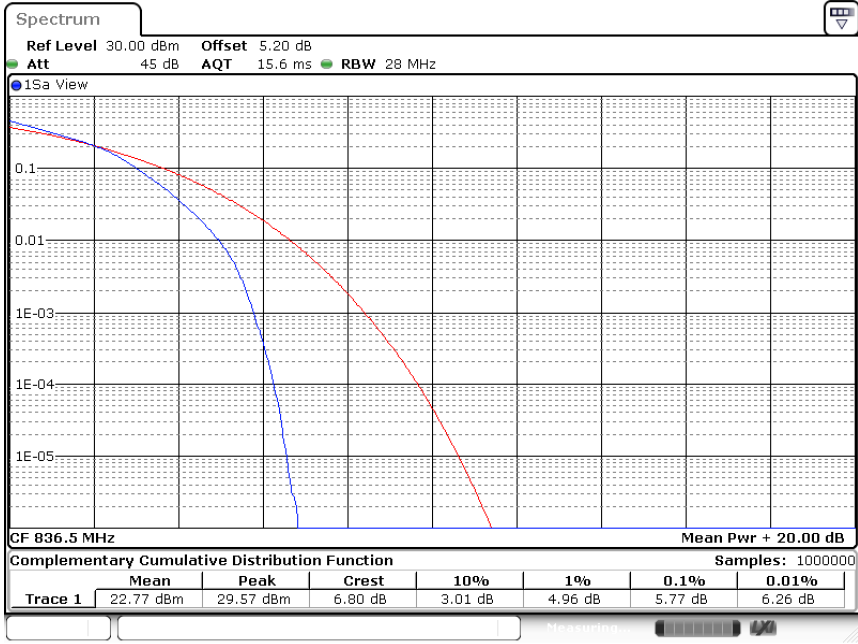
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Band5-10MHz-16QAM-20450-50RB#0



Date: 14.OCT.2020 09:35:00

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

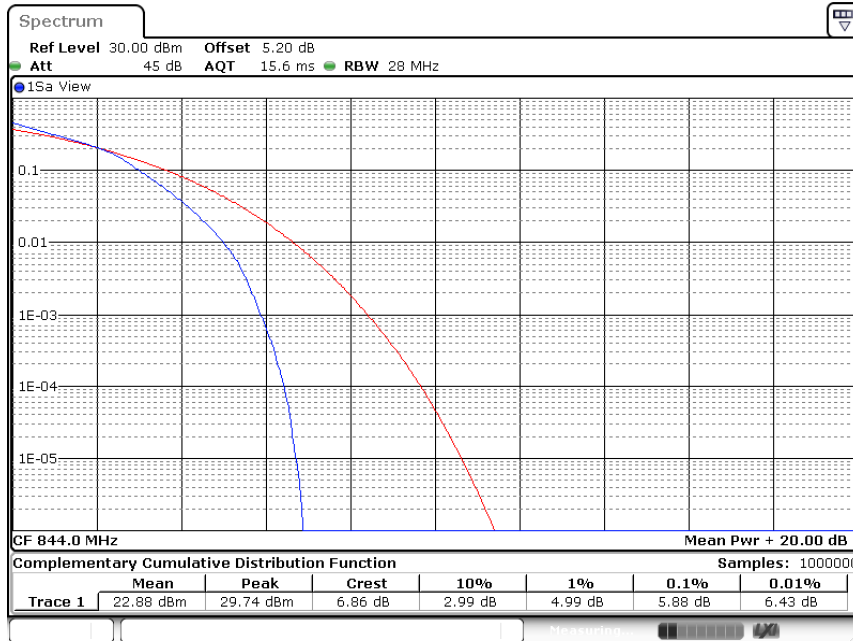


Date: 14.OCT.2020 09:35:29



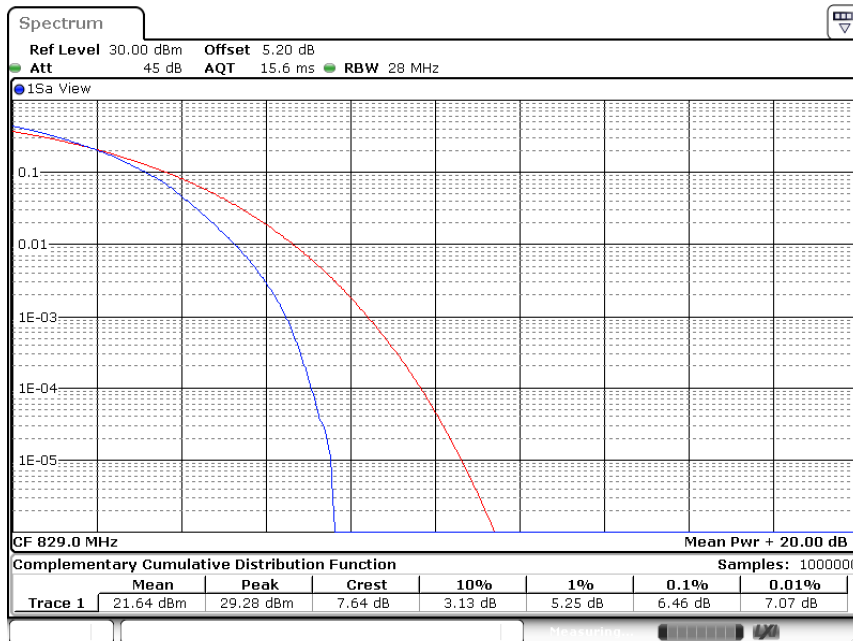
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Band5-10MHz-16QAM-20600-50RB#0



Date: 14.OCT.2020 09:35:58

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

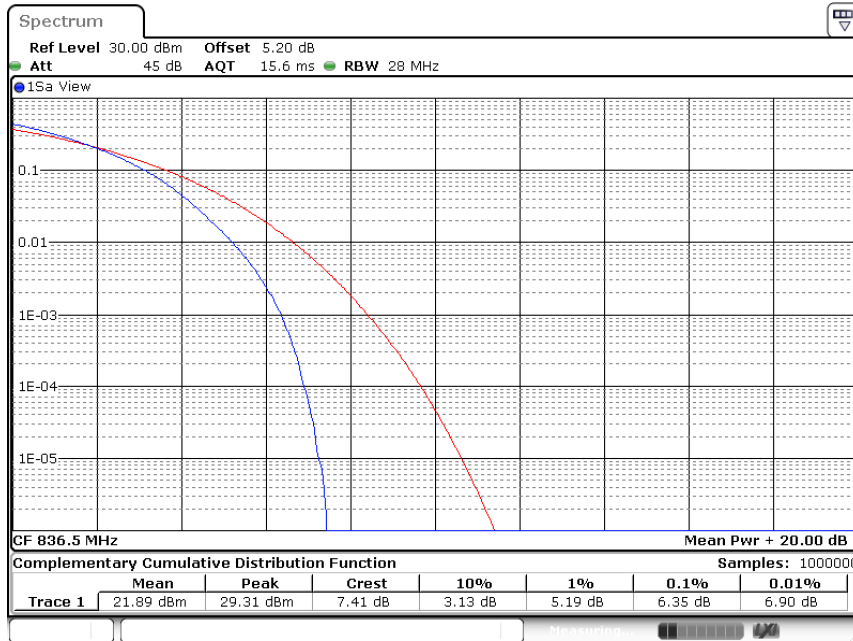


Date: 14.OCT.2020 11:10:59



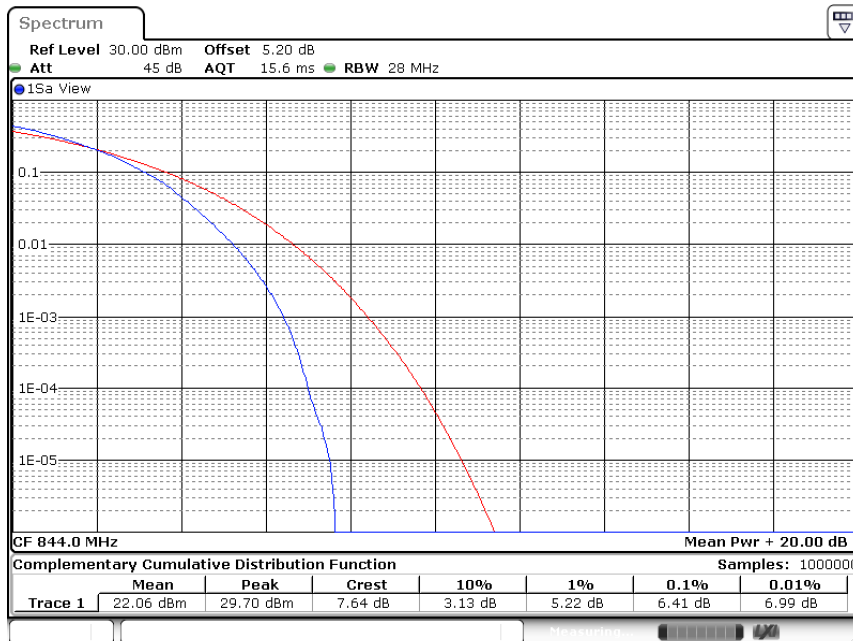
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Band5-10MHz-64QAM-20525-50RB#0



Date: 14.OCT.2020 11:11:14

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



Date: 14.OCT.2020 11:11:29

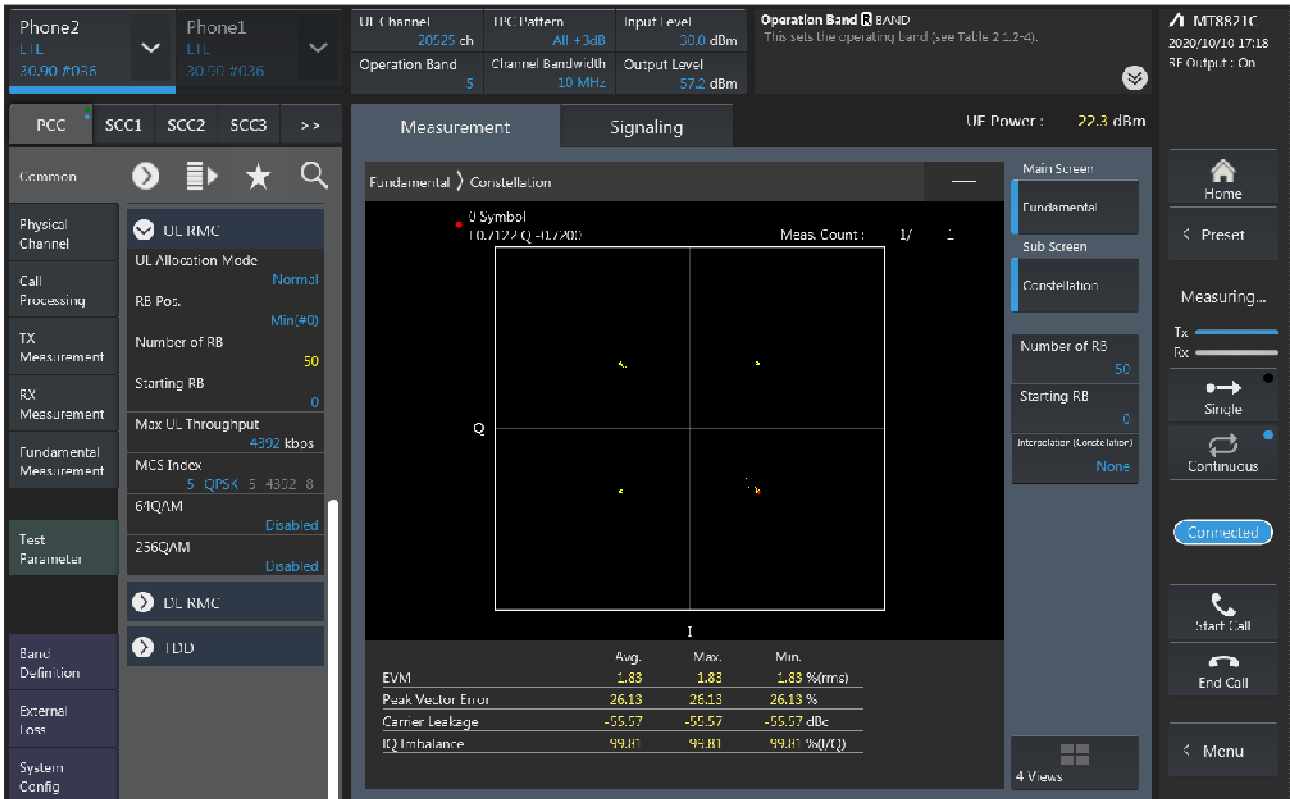


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3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

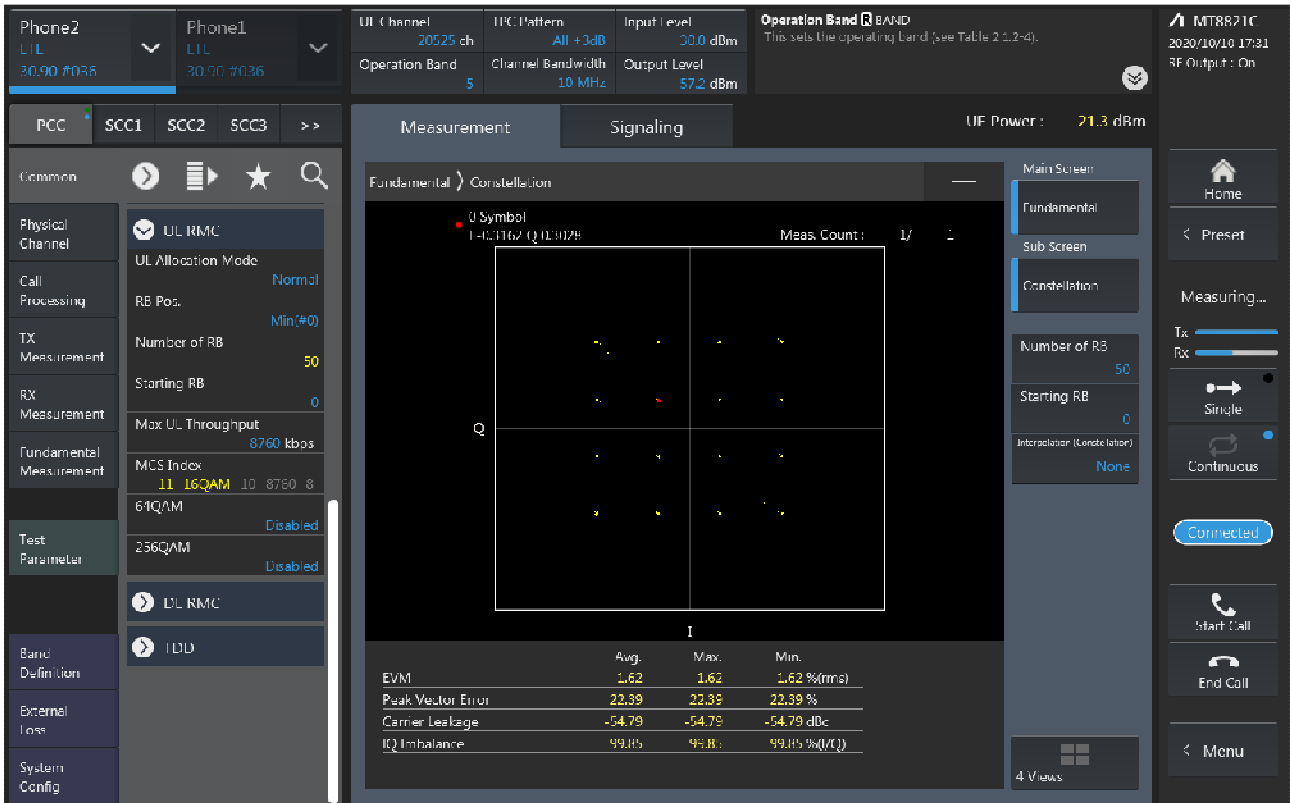
3.1.1 Test Channel = MCH



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3.2 Test Mode = LTE /TM2 10MHz

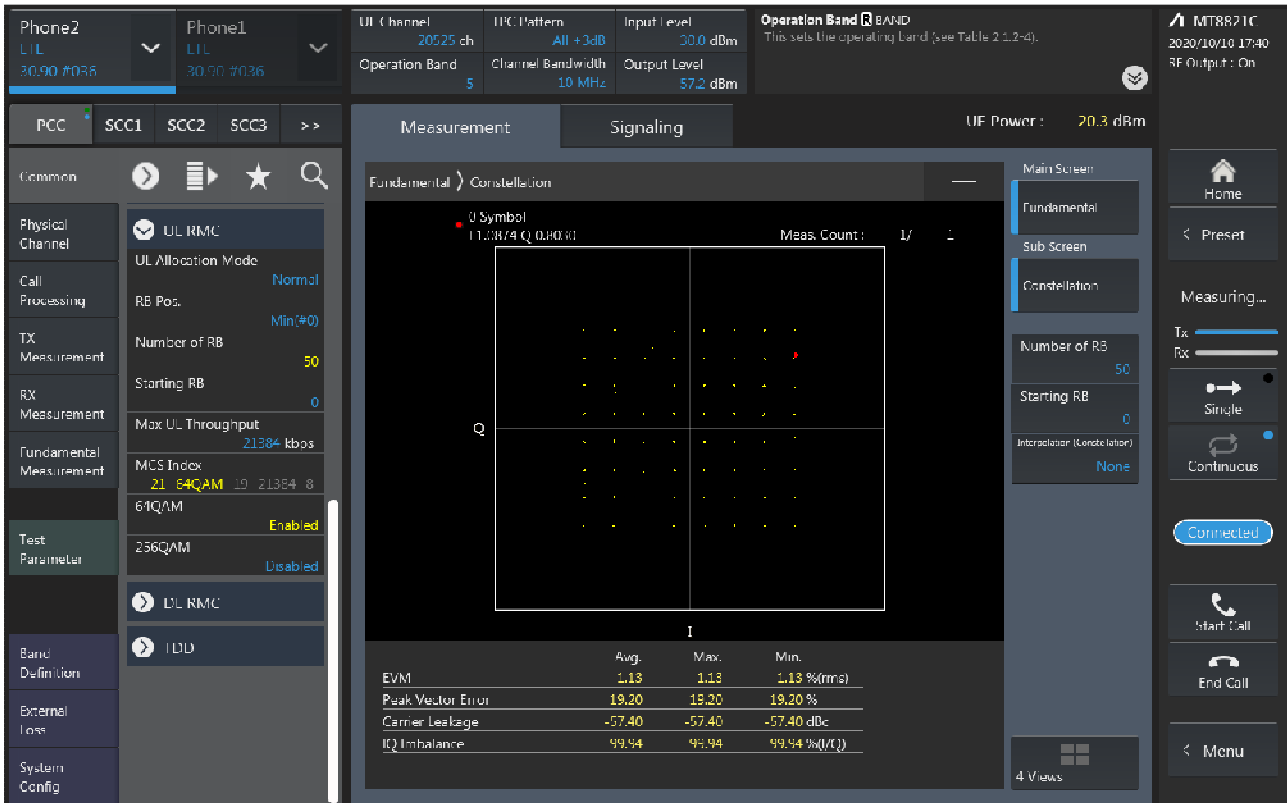
3.2.1 Test Channel = MCH



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3.3 Test Mode = LTE /TM3 10MHz

3.3.1 Test Channel = MCH



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4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

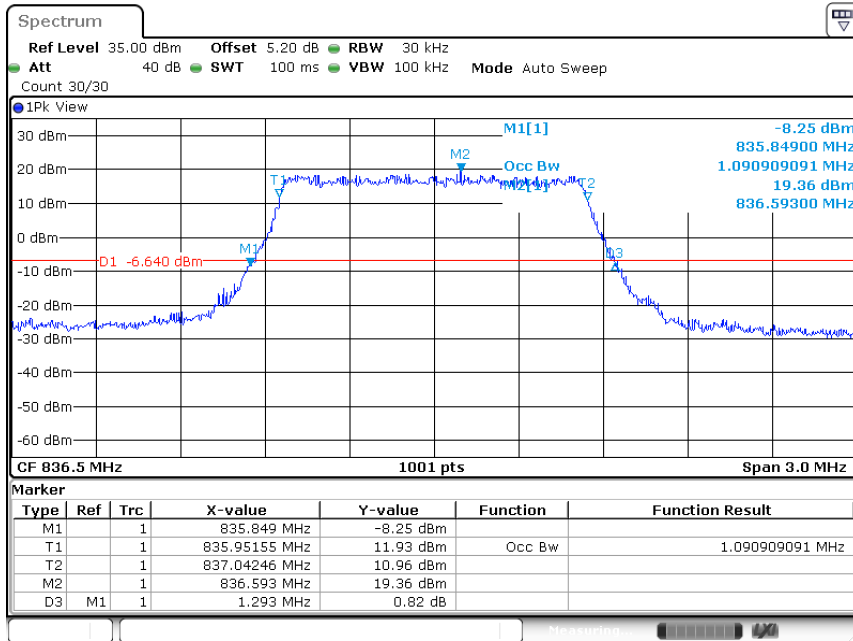
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 1.094 | 1.290 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 1.091 | 1.293 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 1.097 | 1.293 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 1.097 | 1.293 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 1.097 | 1.290 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 2.697 | 2.994 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 2.697 | 2.994 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 2.697 | 3.000 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 2.685 | 2.976 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 2.685 | 2.952 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 2.685 | 2.976 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 2.685 | 2.898 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 2.691 | 2.976 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 2.691 | 2.988 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 4.476 | 4.940 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 4.476 | 4.910 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 4.476 | 4.940 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 4.486 | 4.960 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 4.486 | 4.950 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 4.486 | 4.950 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0 | 4.476 | 4.910 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0 | 4.476 | 4.900 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0 | 4.476 | 4.920 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 8.931 | 9.760 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 8.911 | 9.760 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 8.931 | 9.800 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 8.931 | 9.740 | PASS |



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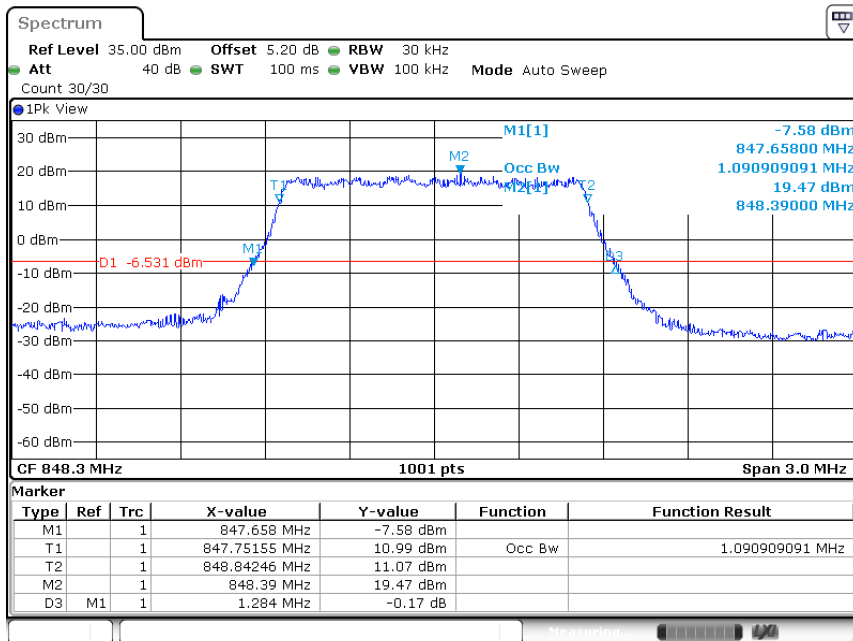
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Band5-1.4MHz-QPSK-20525-6RB#0-1.091



Date: 14.OCT.2020 12:31:24

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

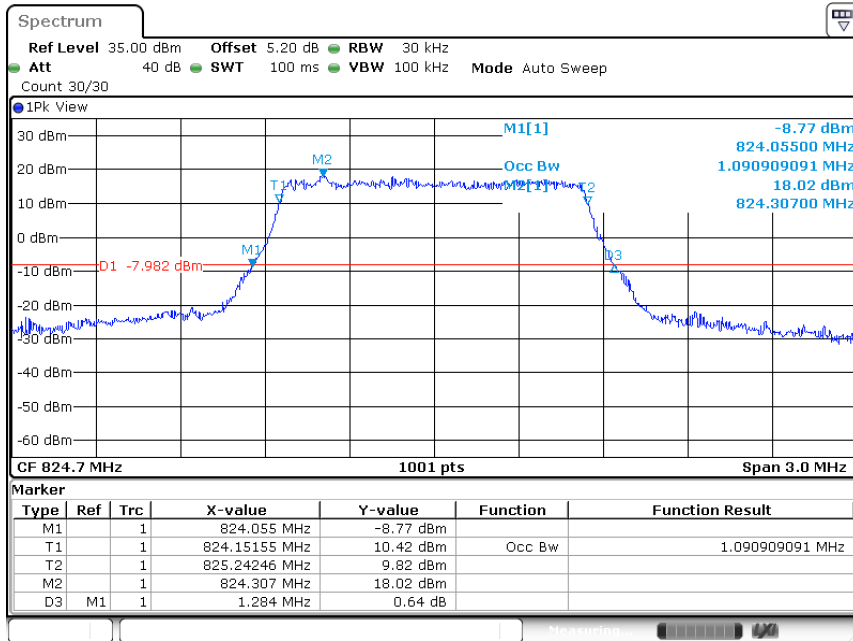


Date: 14.OCT.2020 12:31:56



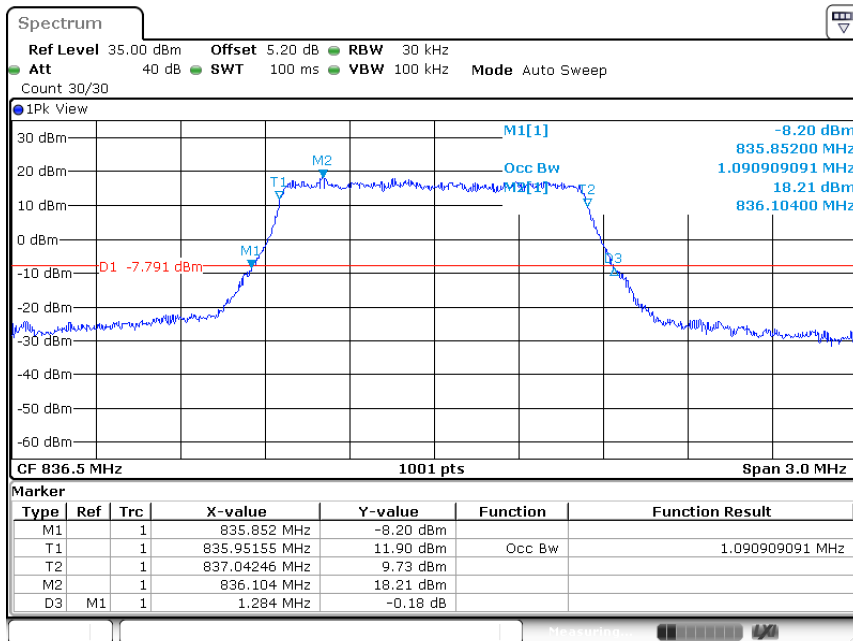
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Band5-1.4MHz-16QAM-20407-6RB#0-1.091



Date: 14.OCT.2020 12:31:08

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

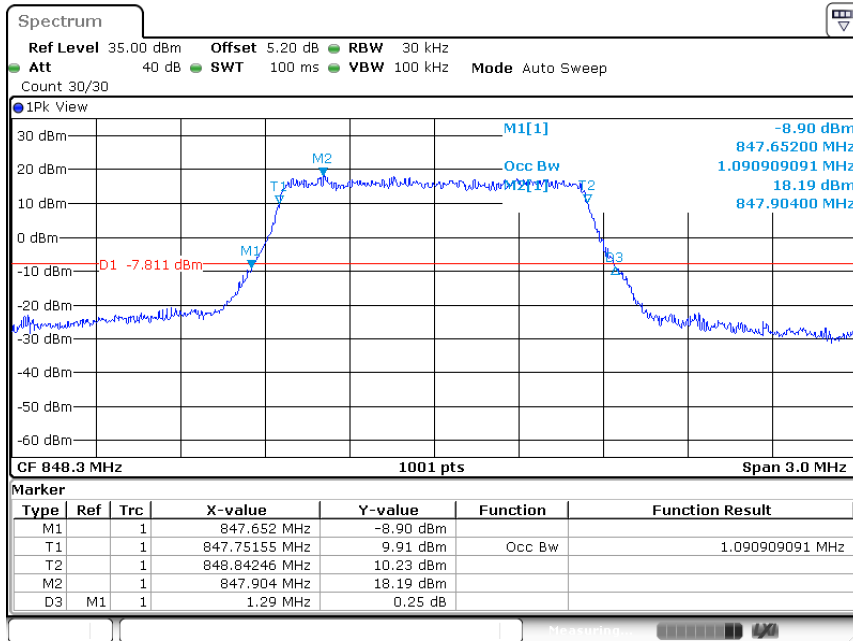


Date: 14.OCT.2020 12:31:40



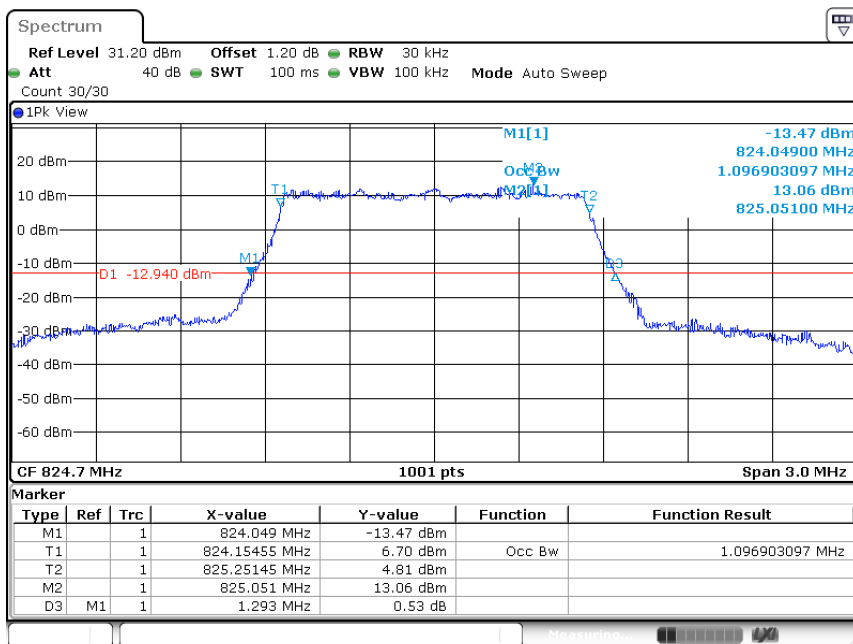
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Band5-1.4MHz-16QAM-20643-6RB#0-1.091



Date: 14.OCT.2020 12:32:12

Band5-1.4MHz-64QAM-20407-6RB#0-1.097

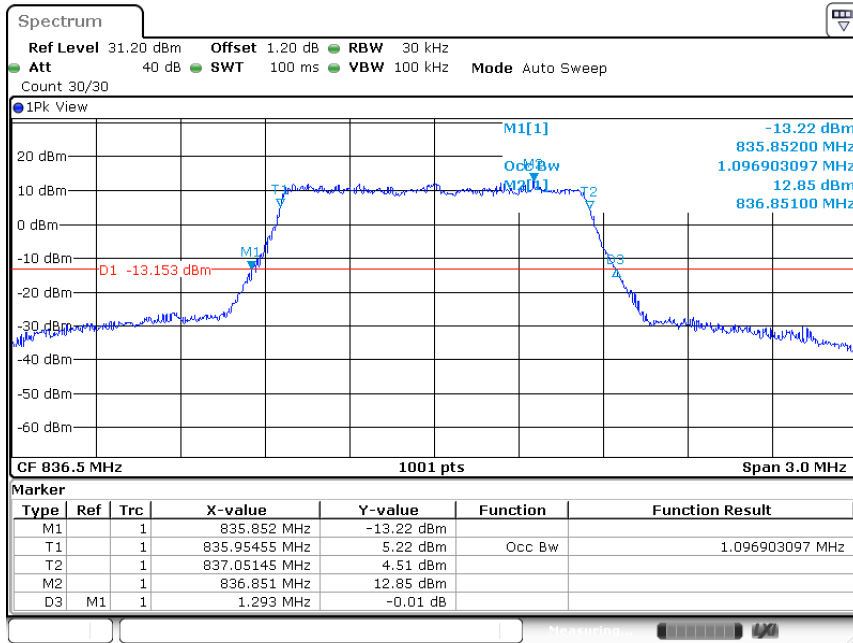


Date: 15.OCT.2020 11:26:49



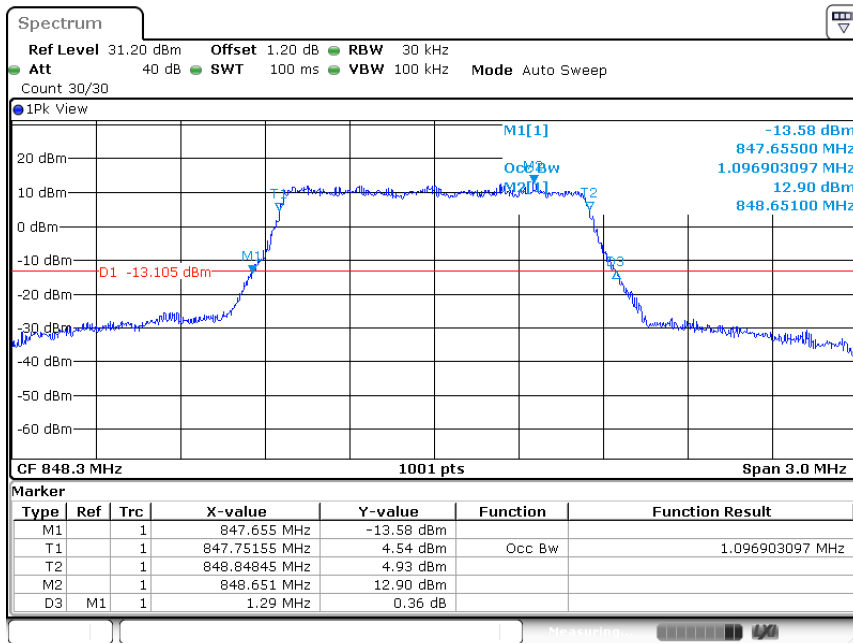
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Band5-1.4MHz-64QAM-20525-6RB#0-1.097



Date: 15.OCT.2020 11:27:05

Band5-1.4MHz-64QAM-20643-6RB#0-1.097

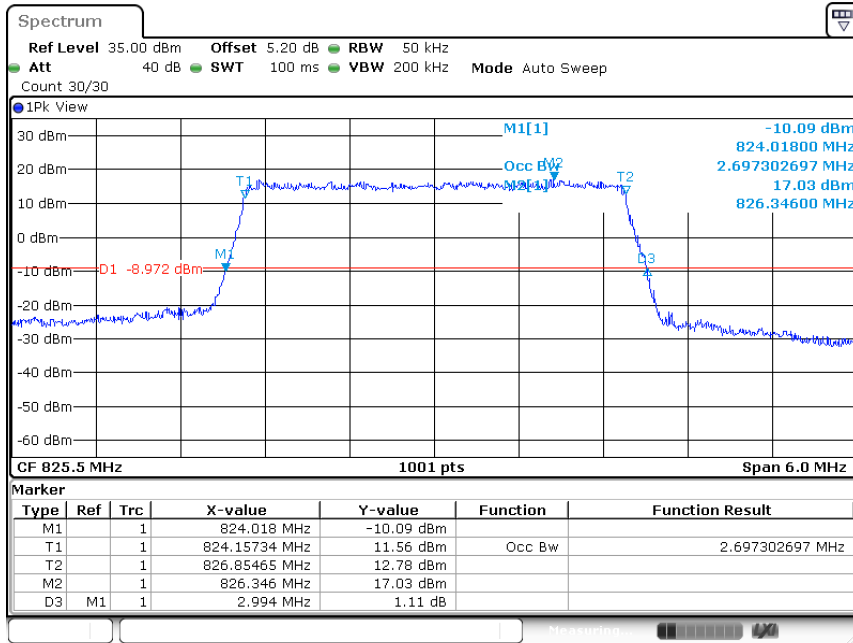


Date: 15.OCT.2020 11:27:21



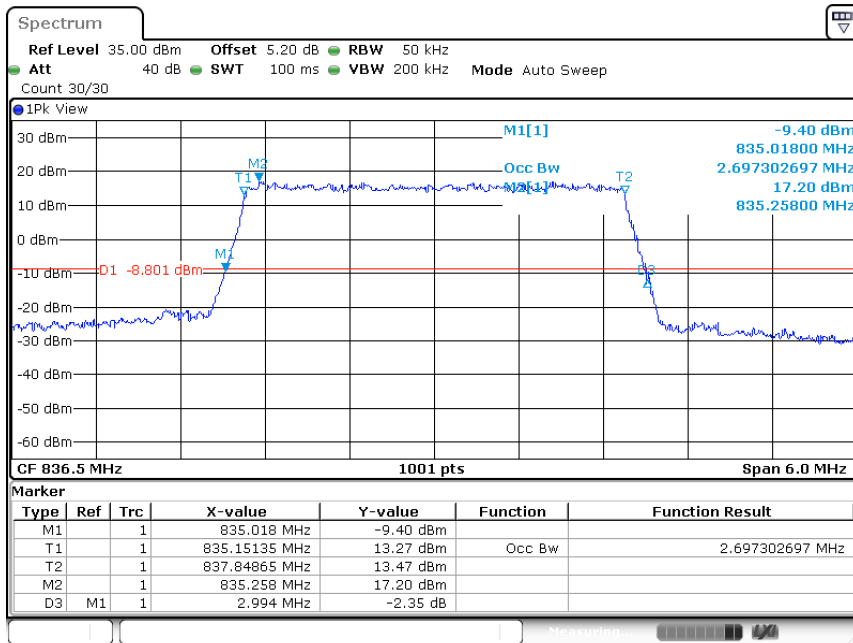
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Band5-3MHz-QPSK-20415-15RB#0-2.697



Date: 14.OCT.2020 09:06:09

Band5-3MHz-QPSK-20525-15RB#0-2.697



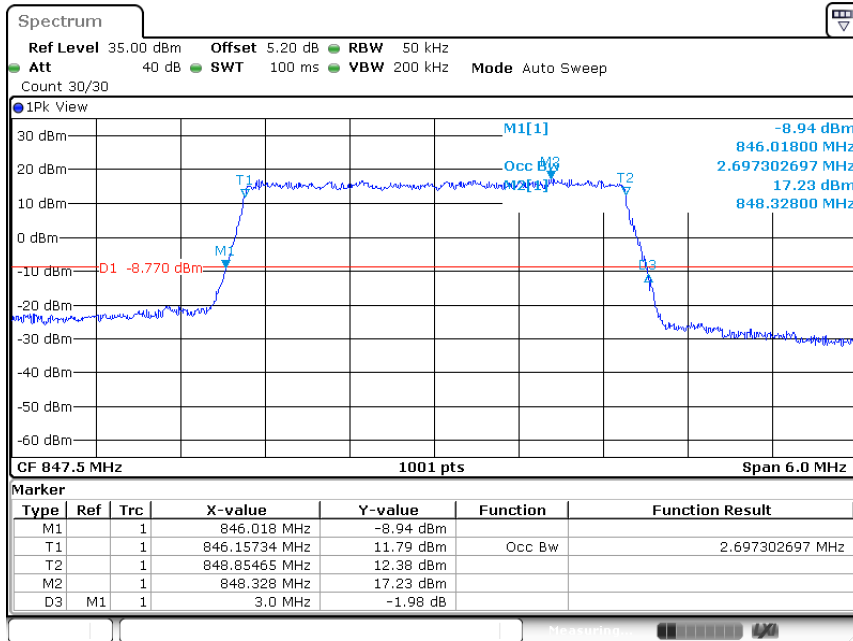
Date: 14.OCT.2020 09:06:41



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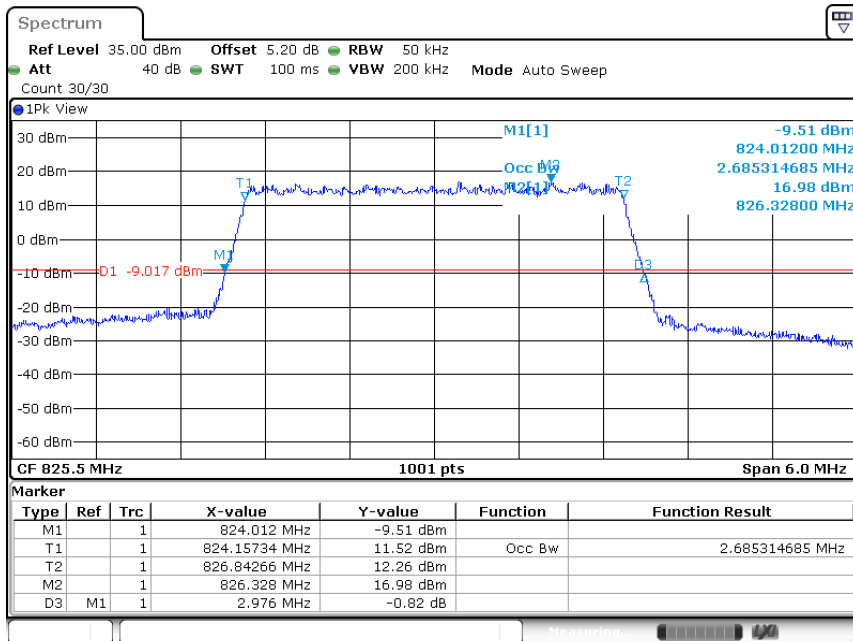
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Band5-3MHz-QPSK-20635-15RB#0-2.697



Date: 14.OCT.2020 09:07:13

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

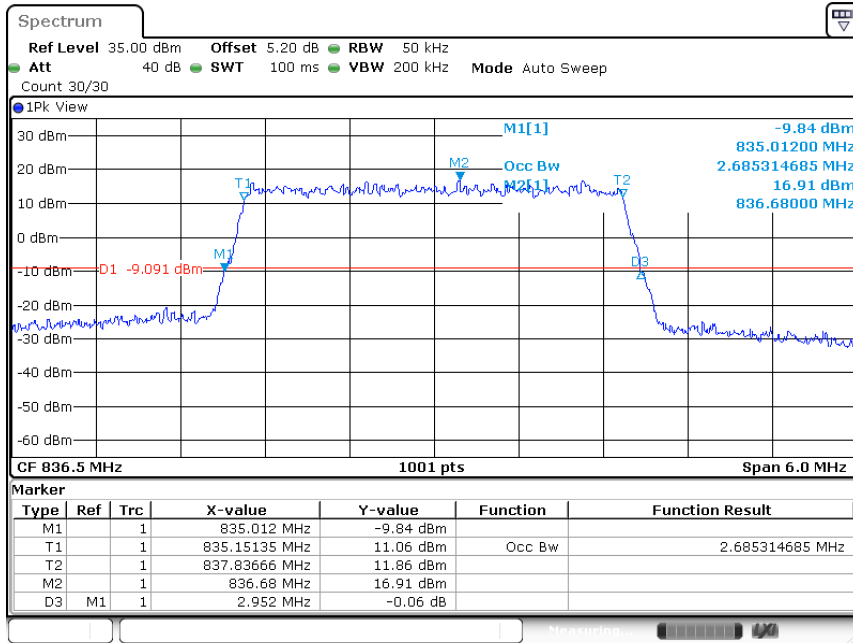


Date: 14.OCT.2020 09:06:25



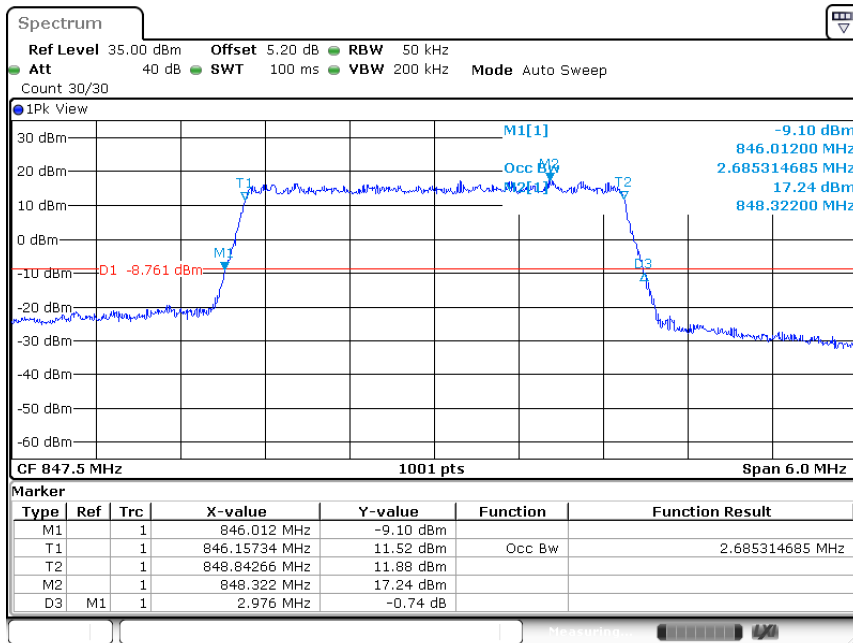
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Band5-3MHz-16QAM-20525-15RB#0-2.685



Date: 14.OCT.2020 09:06:56

Band5-3MHz-16QAM-20635-15RB#0-2.685

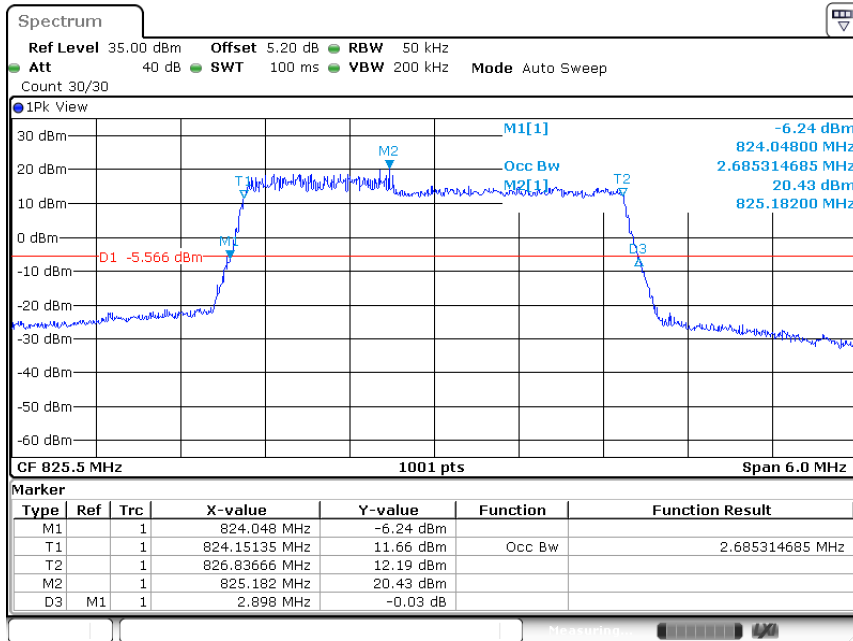


Date: 14.OCT.2020 09:07:28



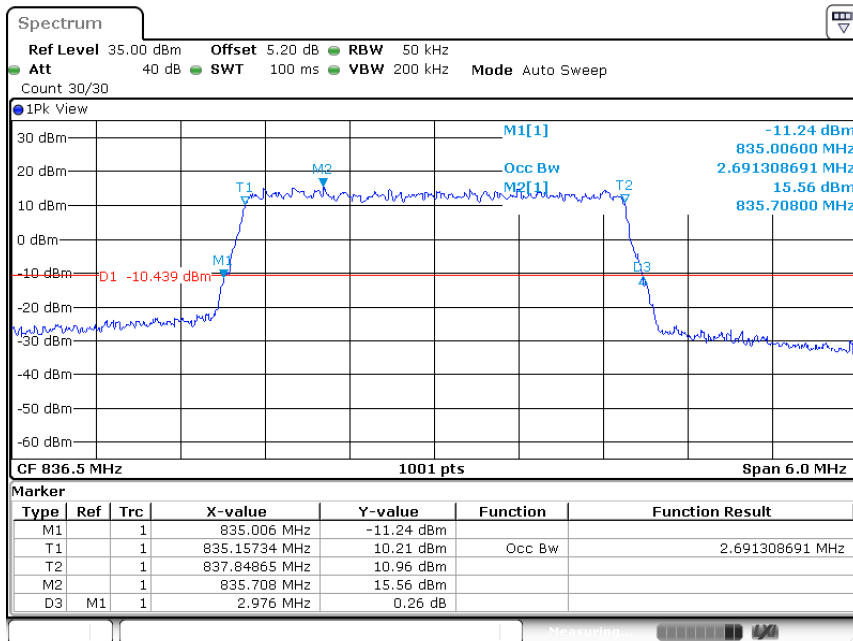
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Band5-3MHz-64QAM-20415-15RB#0-2.685



Date: 14.OCT.2020 10:57:37

Band5-3MHz-64QAM-20525-15RB#0-2.691



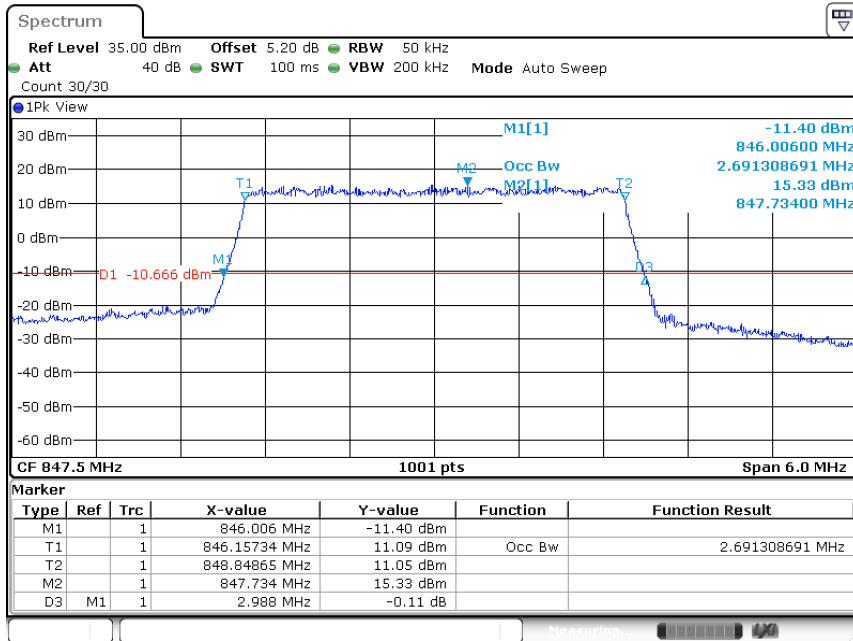
Date: 14.OCT.2020 10:57:53



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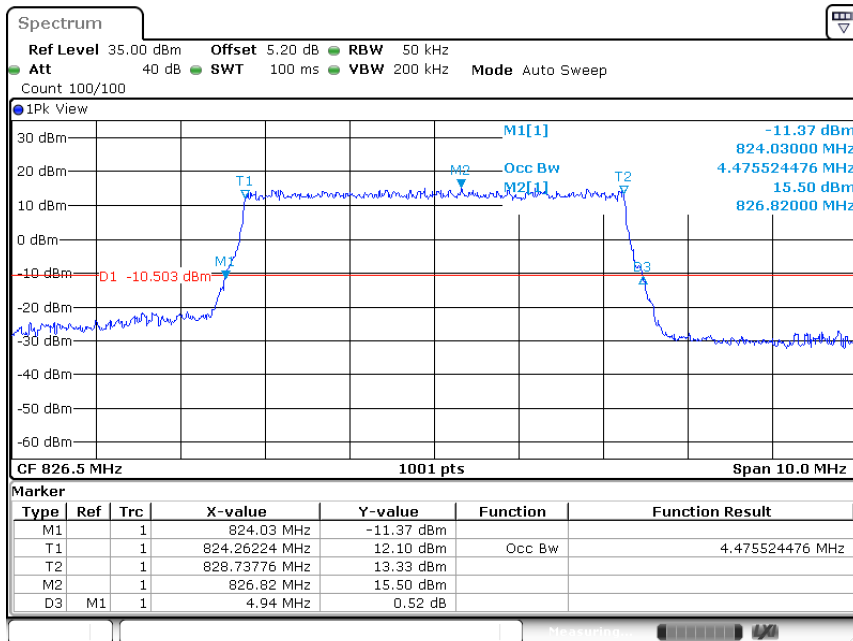
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Band5-3MHz-64QAM-20635-15RB#0-2.691



Date: 14.OCT.2020 10:58:09

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



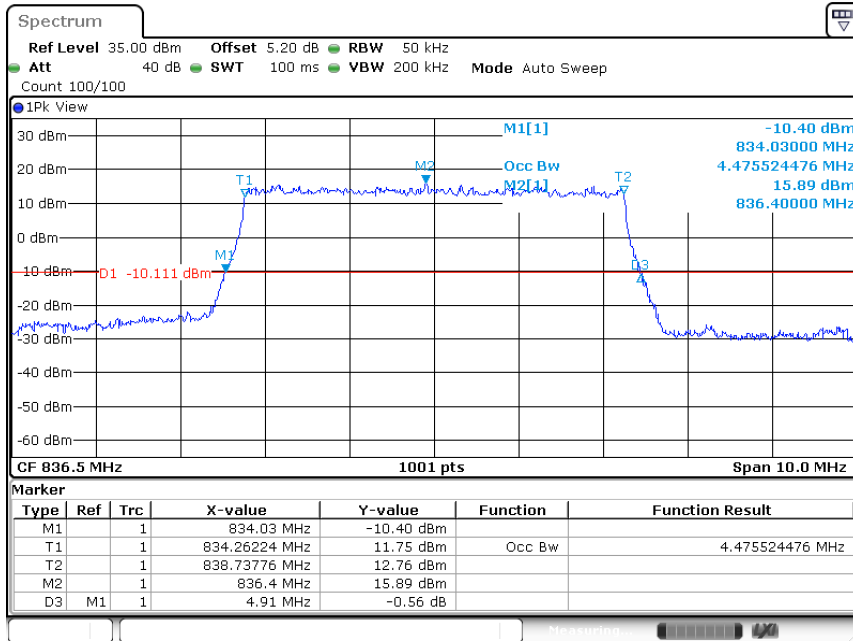
Date: 14.OCT.2020 09:07:58



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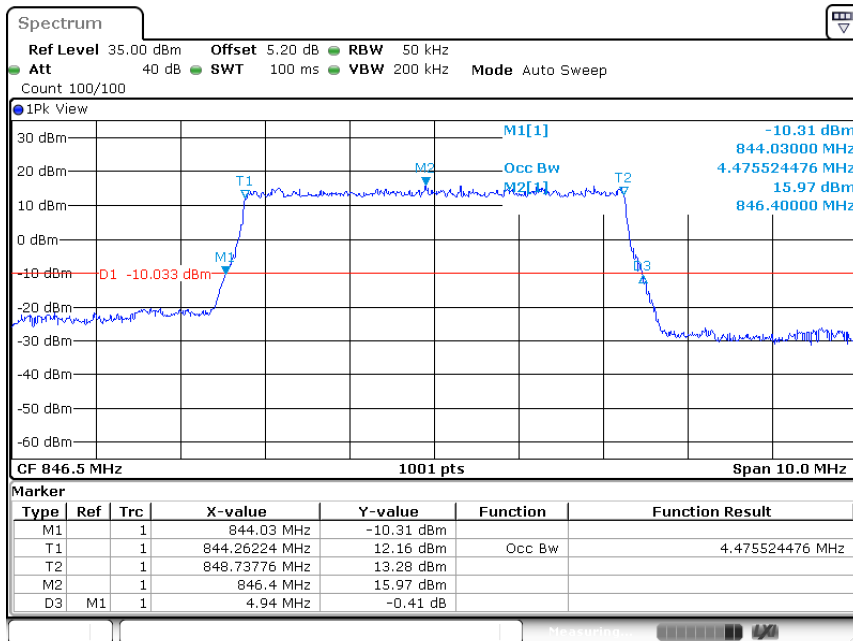
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Band5-5MHz-QPSK-20525-25RB#0-4.476



Date: 14.OCT.2020 09:08:43

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



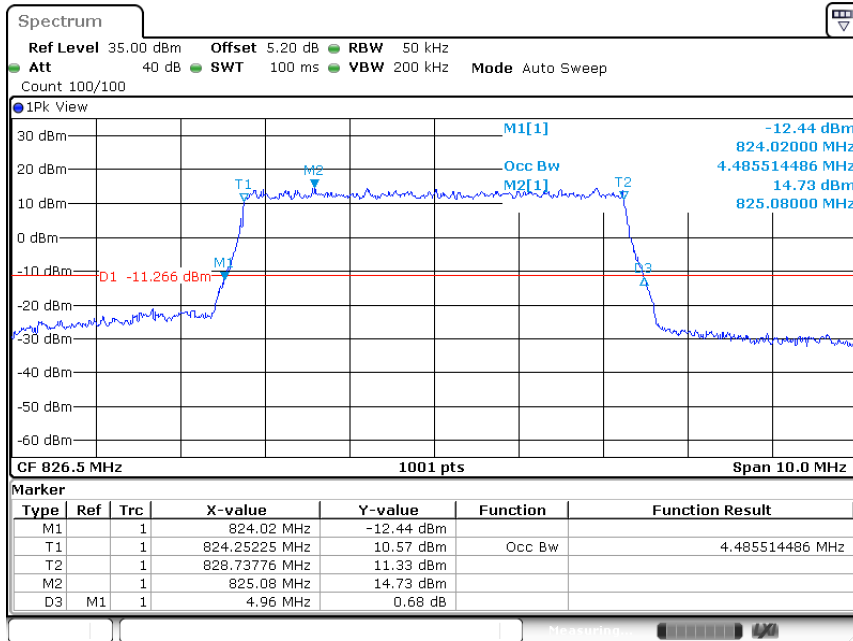
Date: 14.OCT.2020 09:09:29



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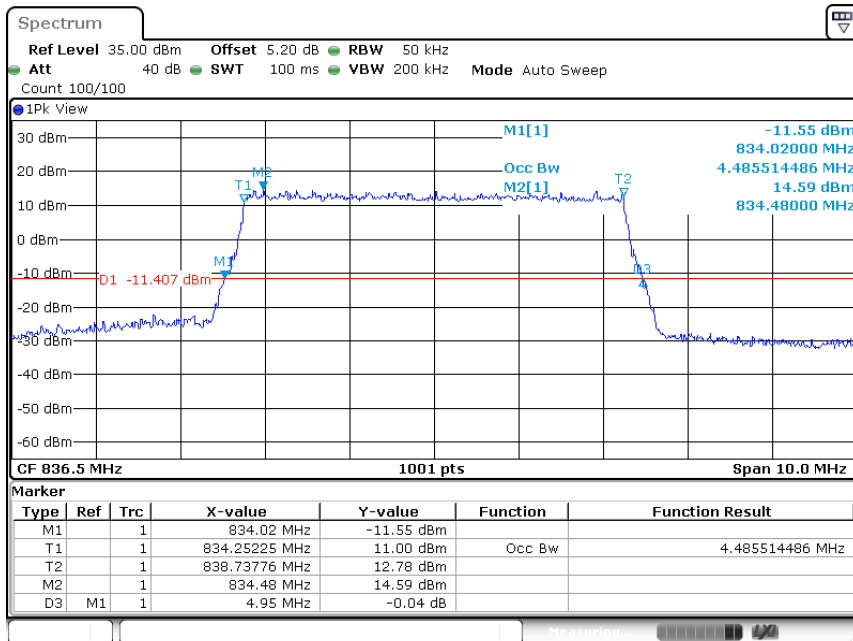
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Band5-5MHz-16QAM-20425-25RB#0-4.486



Date: 14.OCT.2020 09:08:20

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

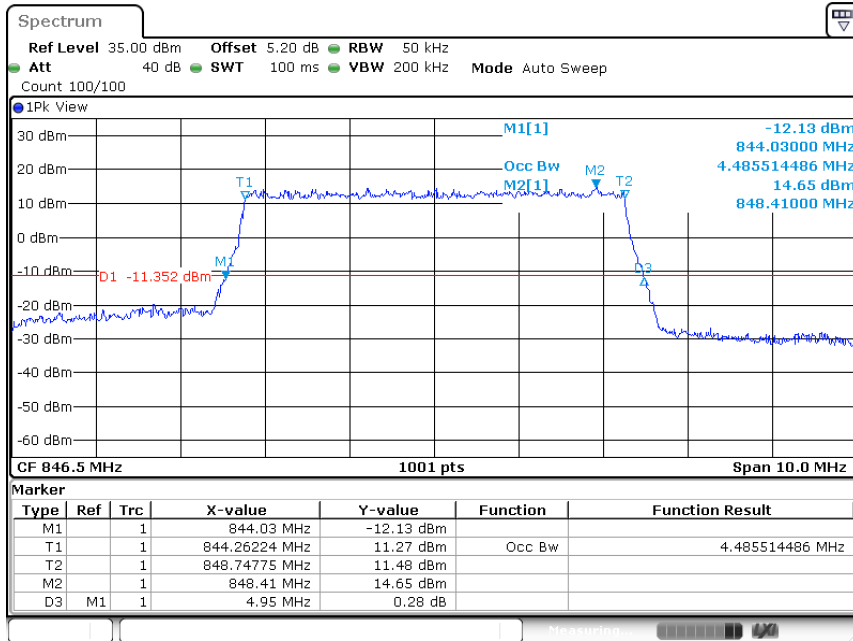


Date: 14.OCT.2020 09:09:06



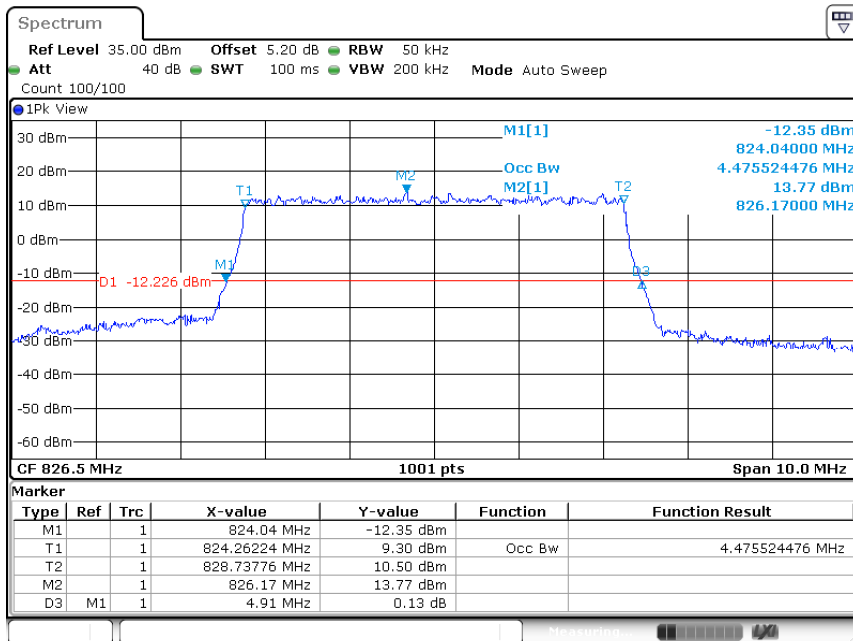
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Band5-5MHz-16QAM-20625-25RB#0-4.486



Date: 14.OCT.2020 09:09:52

Band5-5MHz-64QAM-20425-25RB#0-4.476

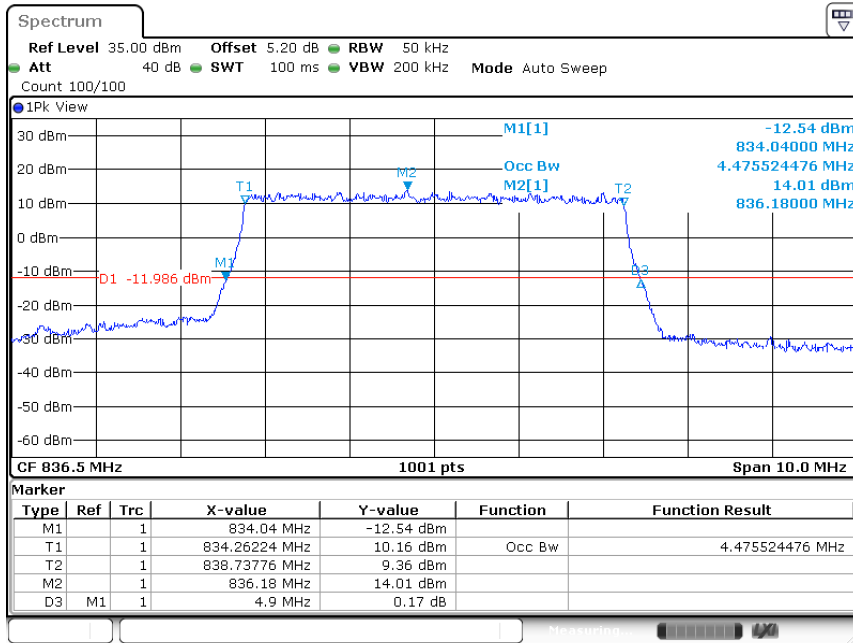


Date: 14.OCT.2020 10:58:39



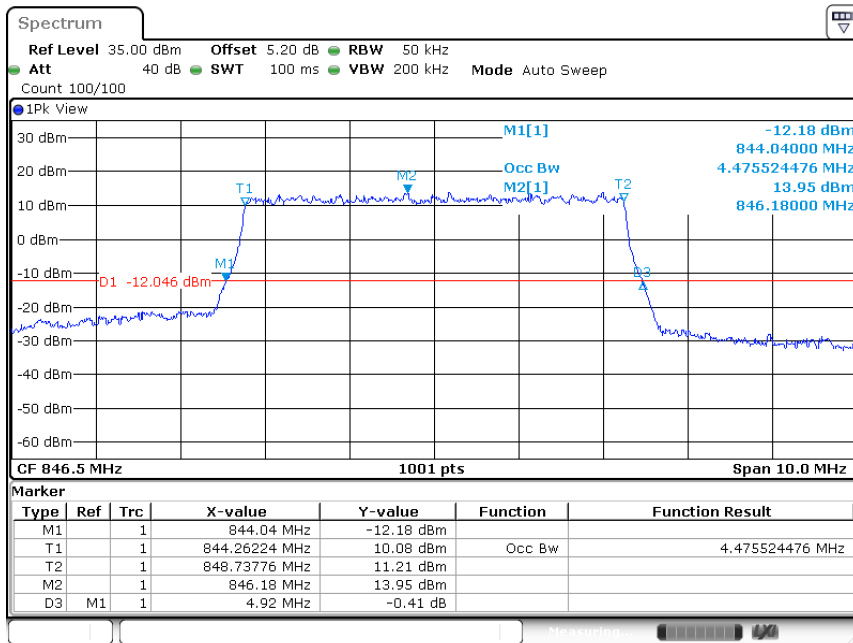
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Band5-5MHz-64QAM-20525-25RB#0-4.476



Date: 14.OCT.2020 10:59:02

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

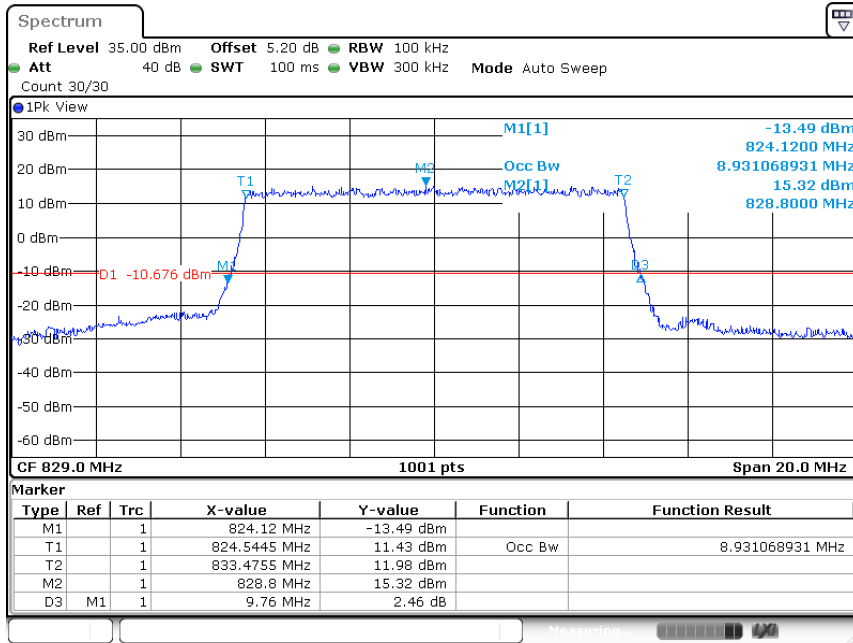


Date: 14.OCT.2020 10:59:25



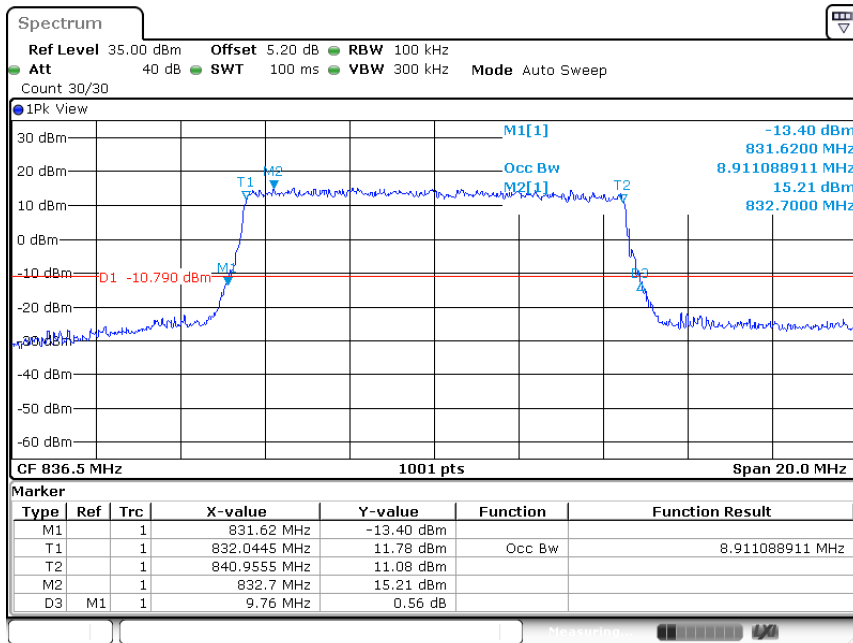
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Band5-10MHz-QPSK-20450-50RB#0-8.931



Date: 14.OCT.2020 09:10:14

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

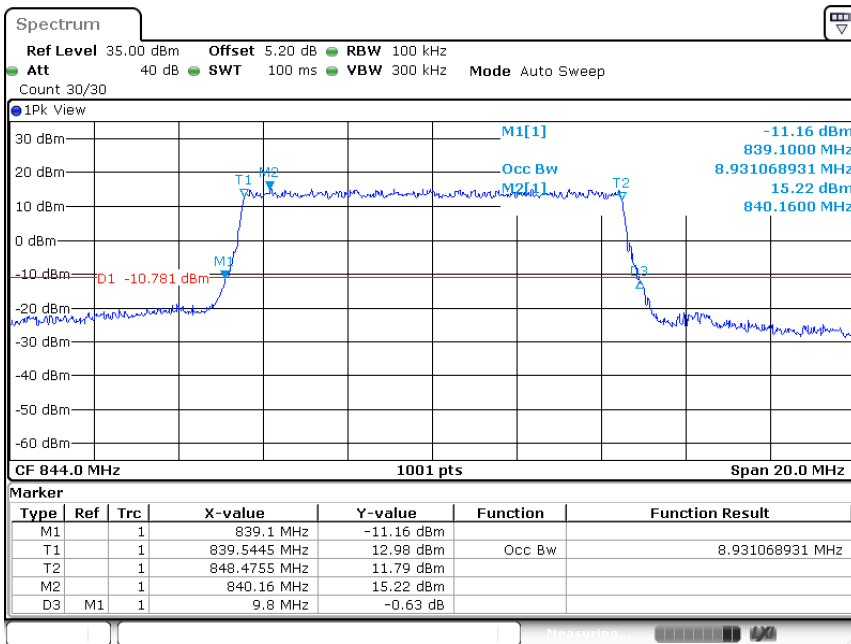


Date: 14.OCT.2020 09:10:46



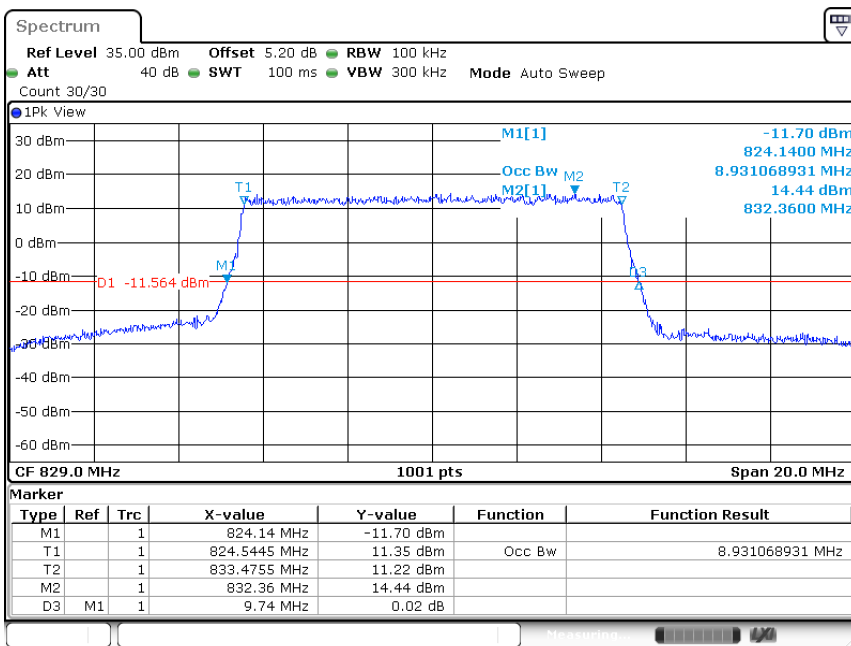
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Band5-10MHz-QPSK-20600-50RB#0-8.931



Date: 14.OCT.2020 09:11:18

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

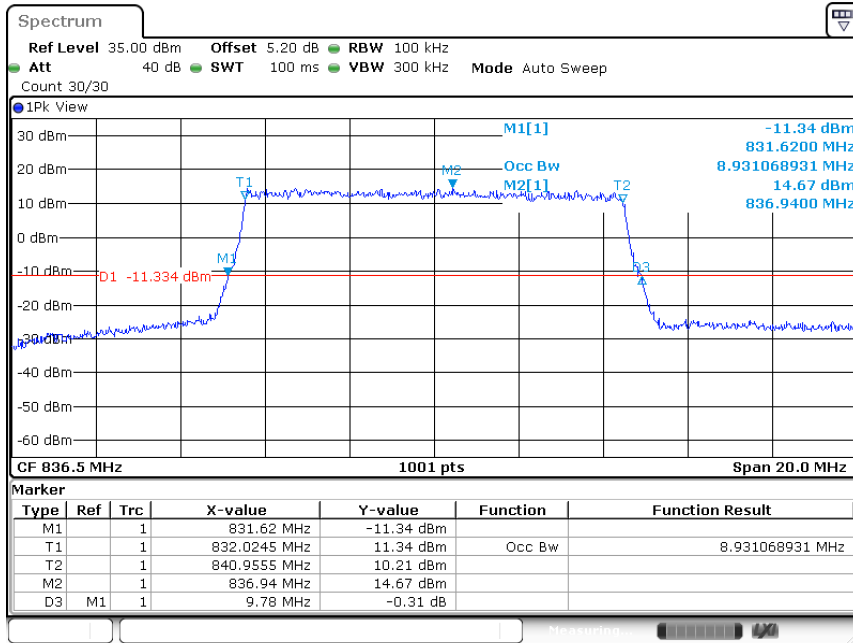


Date: 14.OCT.2020 09:10:30



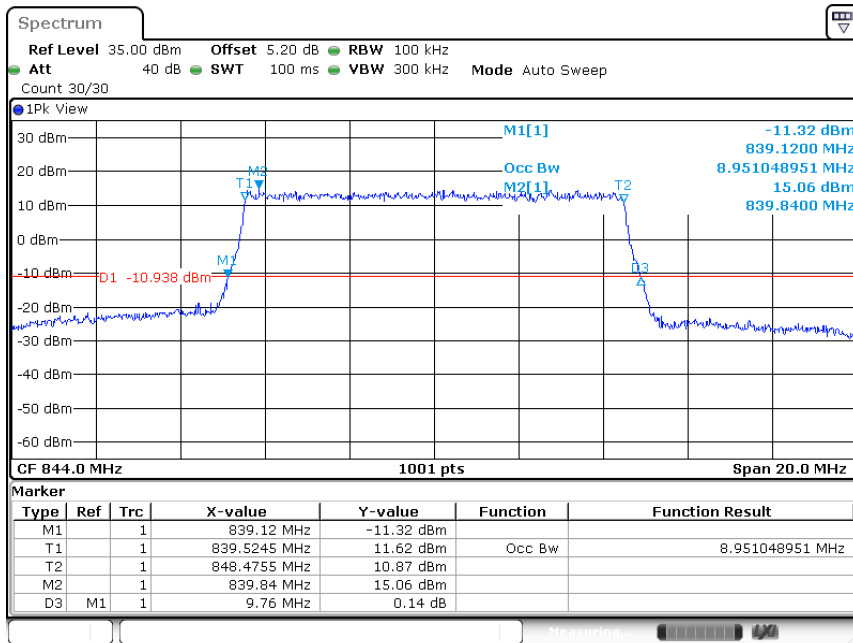
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Band5-10MHz-16QAM-20525-50RB#0-8.931



Date: 14.OCT.2020 09:11:02

Band5-10MHz-16QAM-20600-50RB#0-8.951



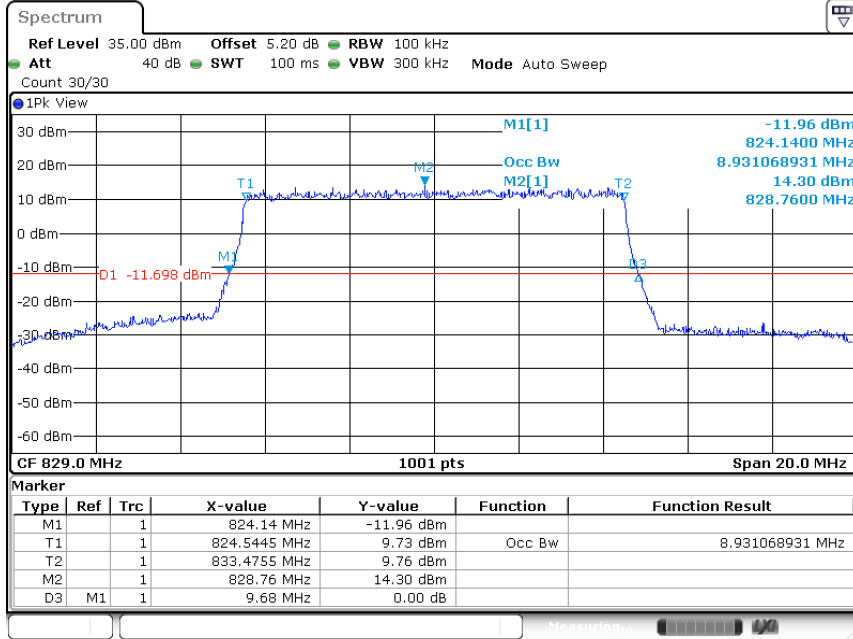
Date: 14.OCT.2020 09:11:34



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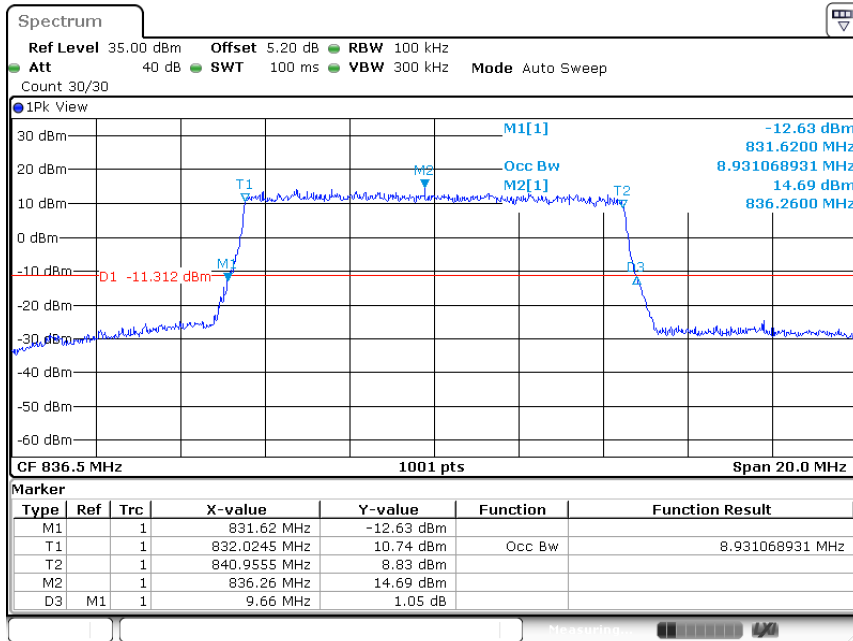
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Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 14.OCT.2020 10:59:48

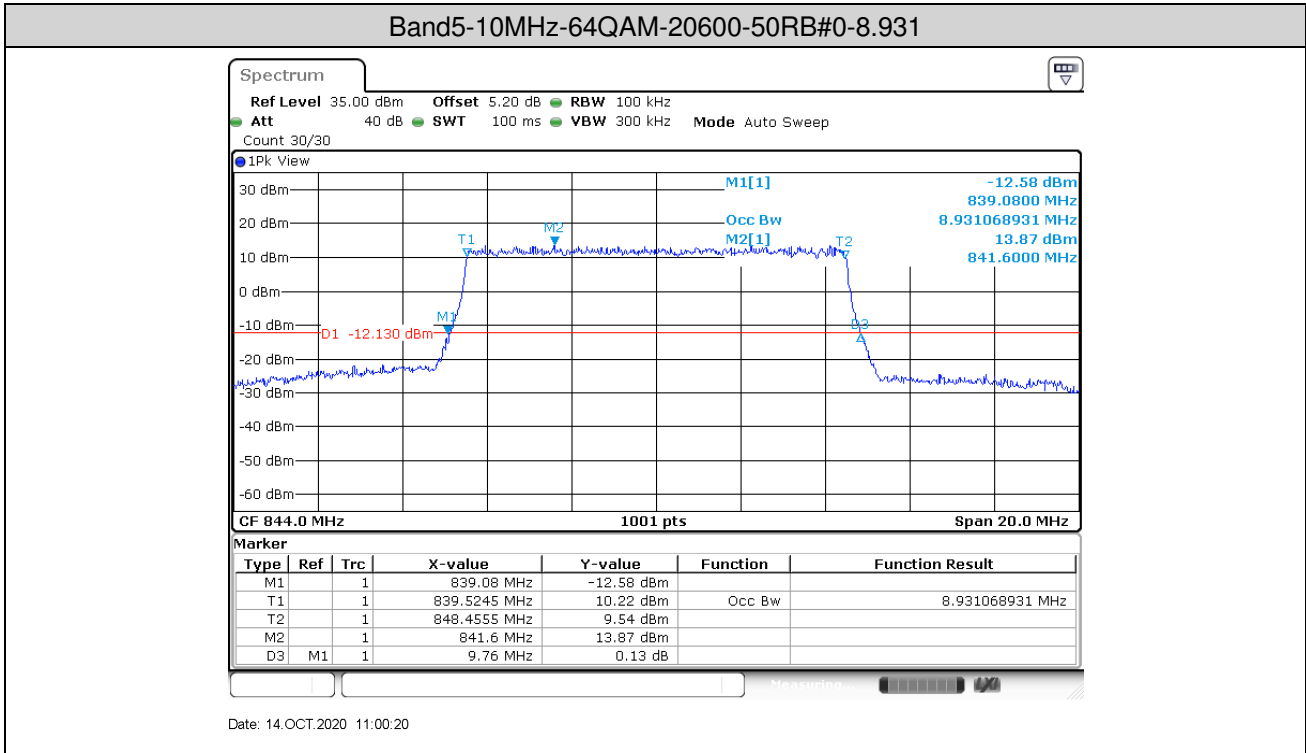
Band5-10MHz-64QAM-20525-50RB#0-8.931



Date: 14.OCT.2020 11:00:04



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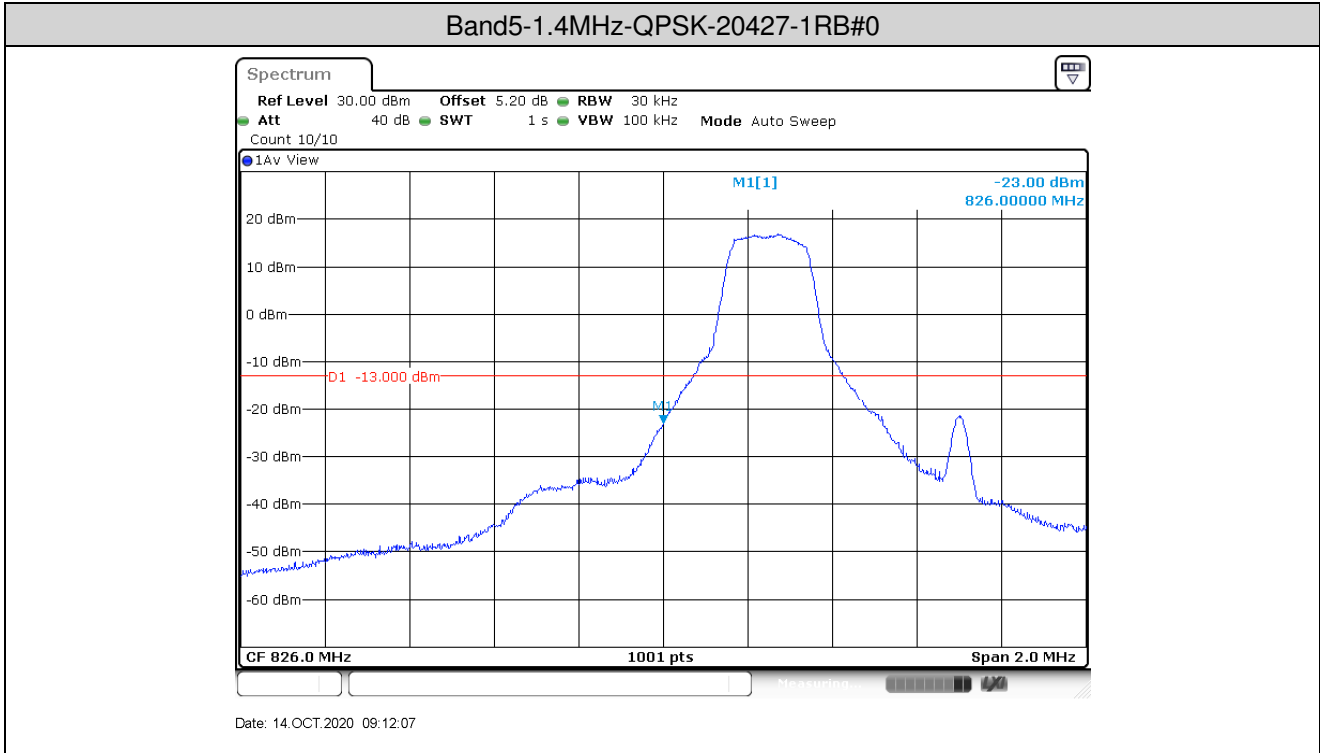


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5 Band Edge Compliance

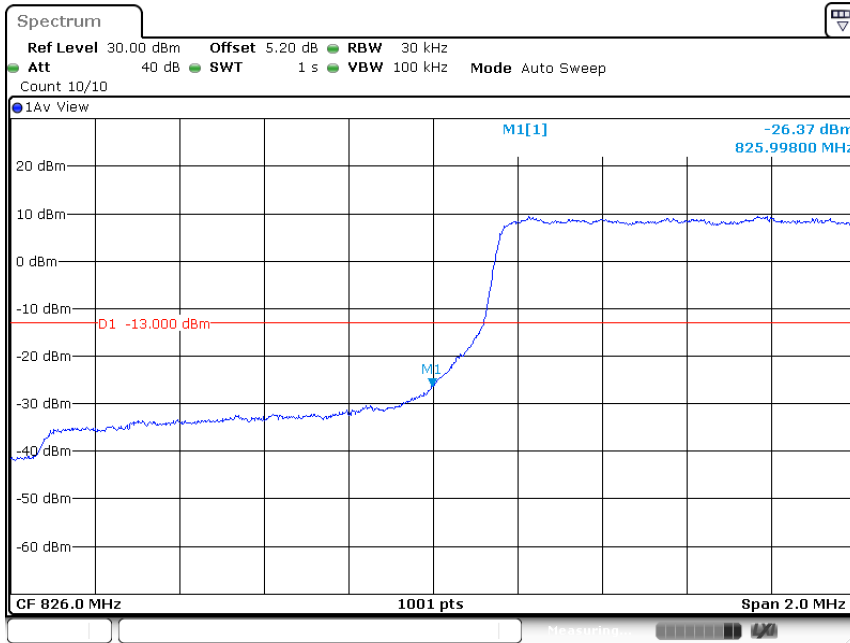
5.1 Test Plots



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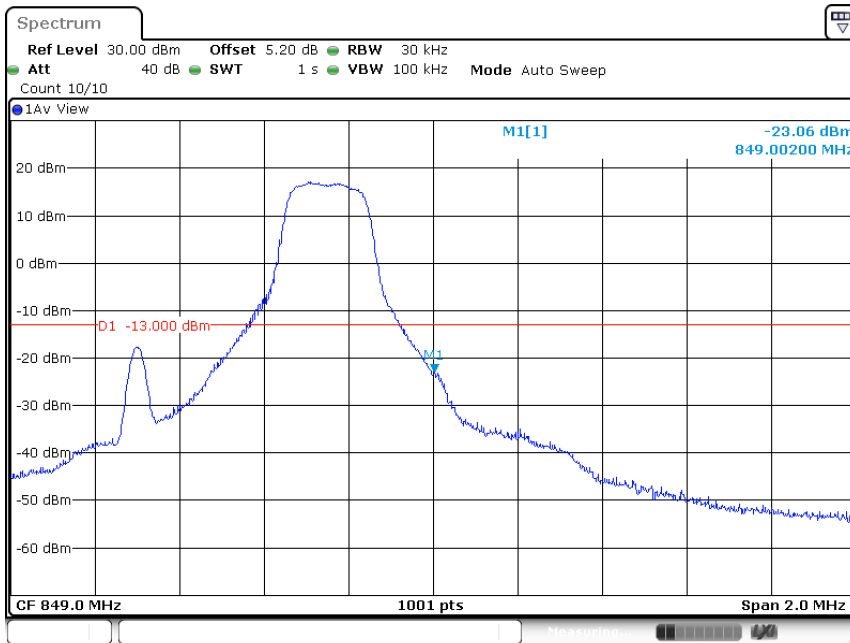
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Band5-1.4MHz-QPSK-20427-6RB#0



Date: 14.OCT.2020 09:12:54

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

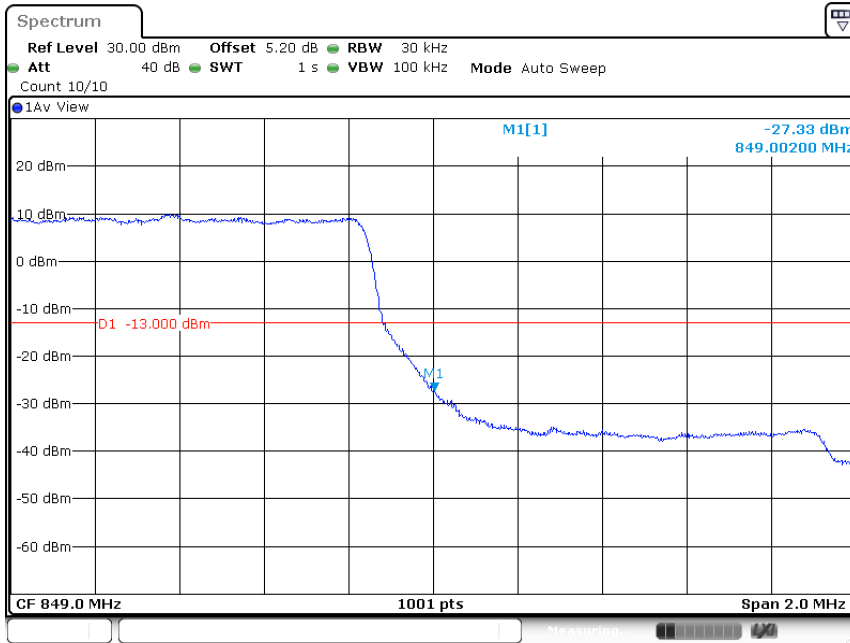


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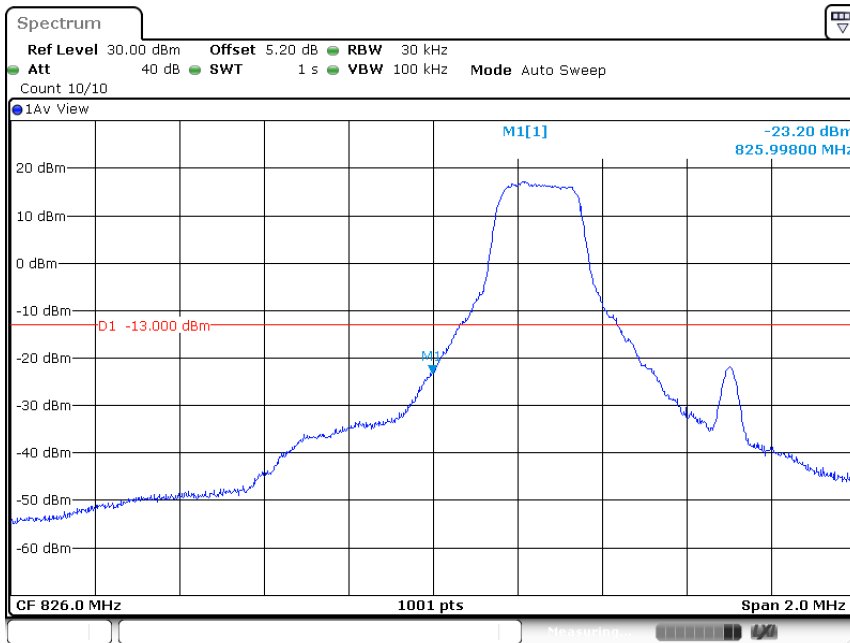
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Band5-1.4MHz-QPSK-20643-6RB#0



Date: 14.OCT.2020 09:14:36

Band5-1.4MHz-16QAM-20427-1RB#0

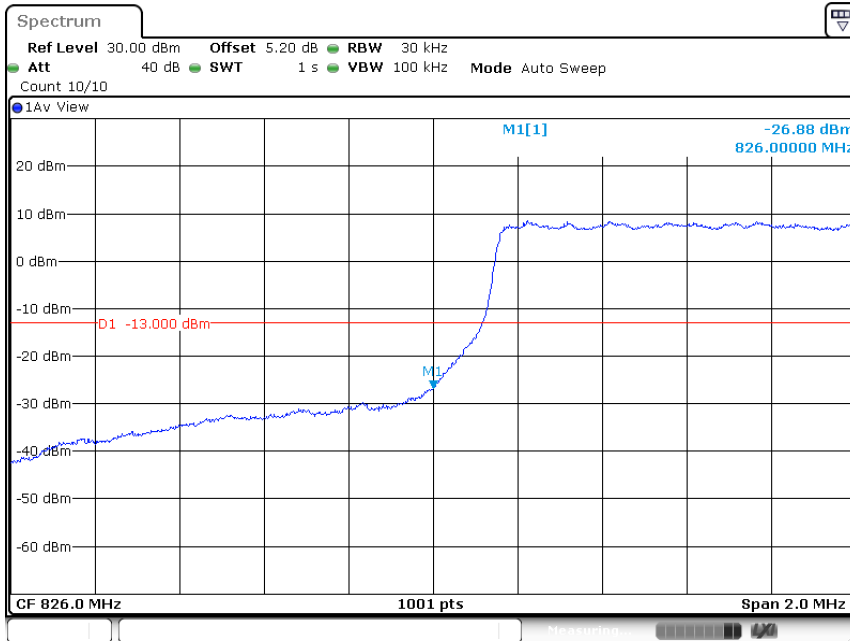


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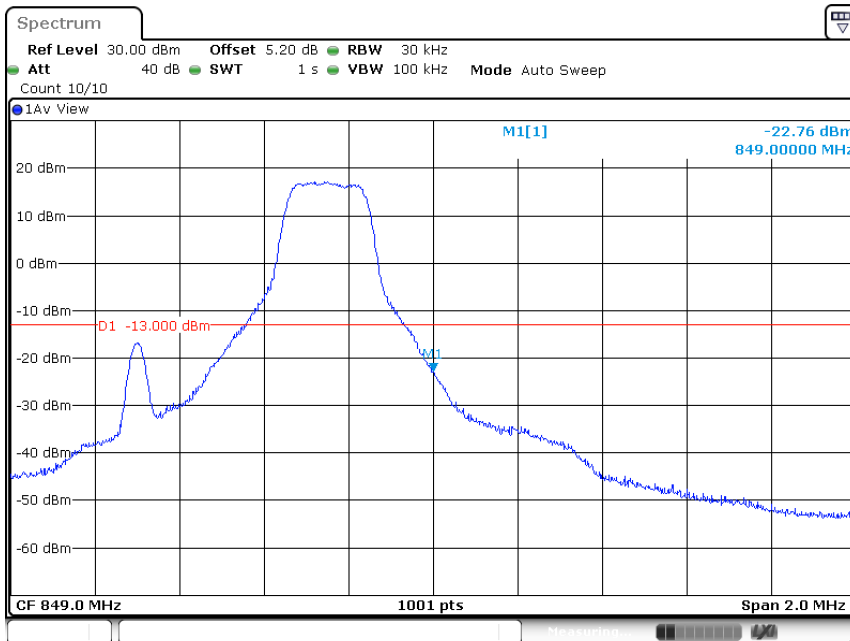
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Band5-1.4MHz-16QAM-20427-6RB#0



Date: 14.OCT.2020 09:13:18

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

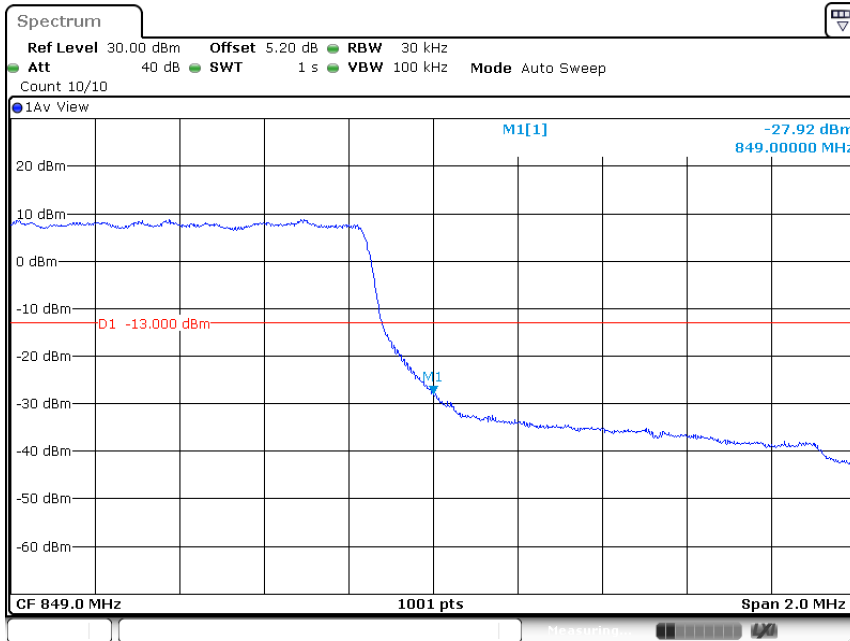


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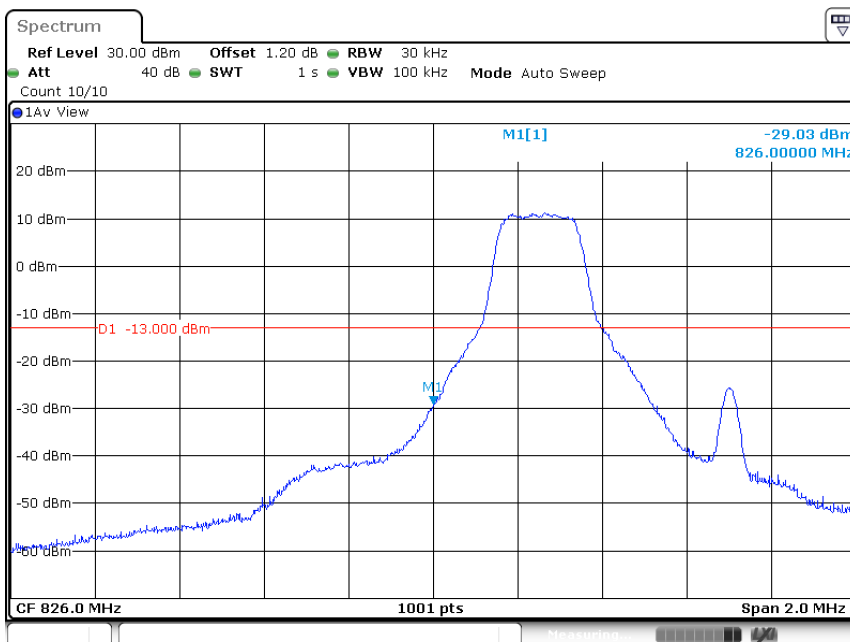
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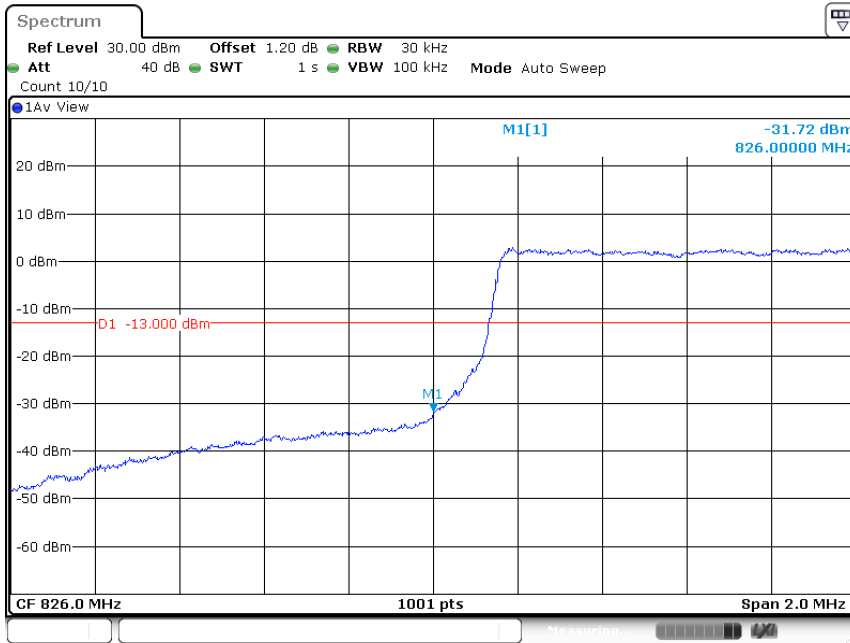


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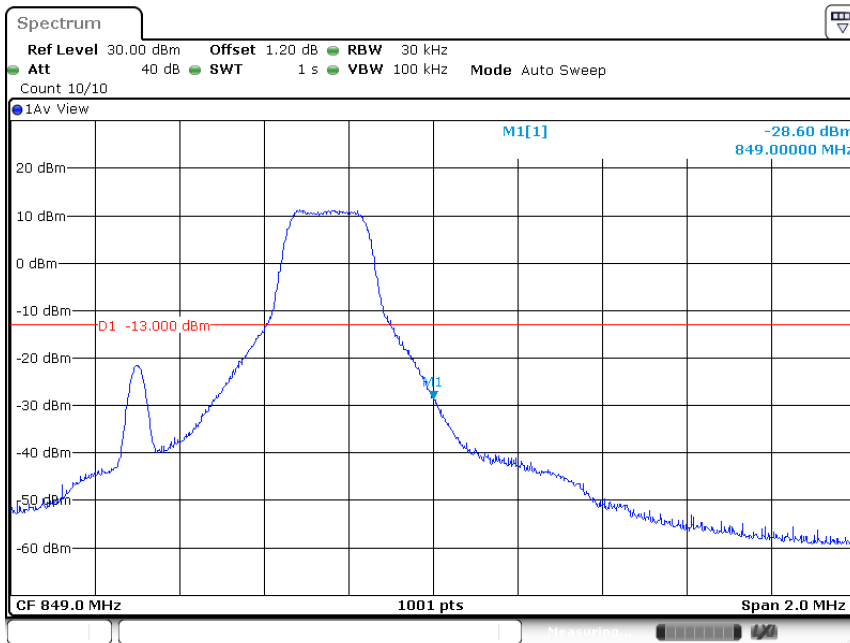
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Date: 15.OCT.2020 11:52:45

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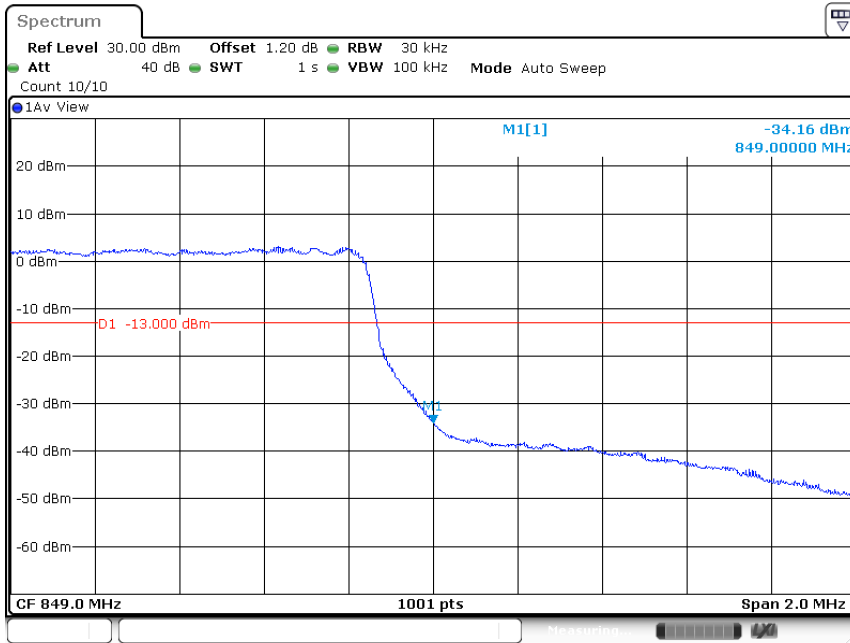


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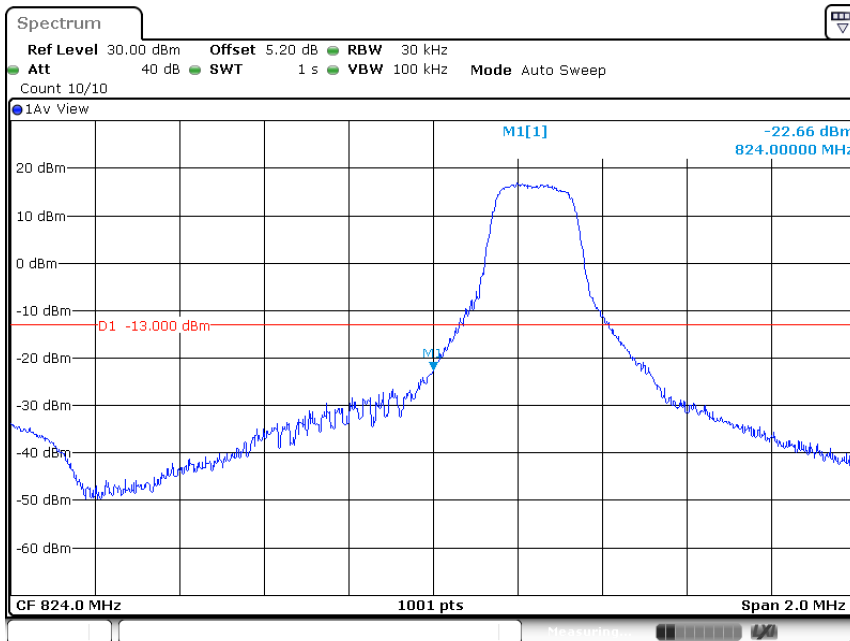
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Band5-1.4MHz-64QAM-20643-6RB#0



Date: 15.OCT.2020 11:53:41

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

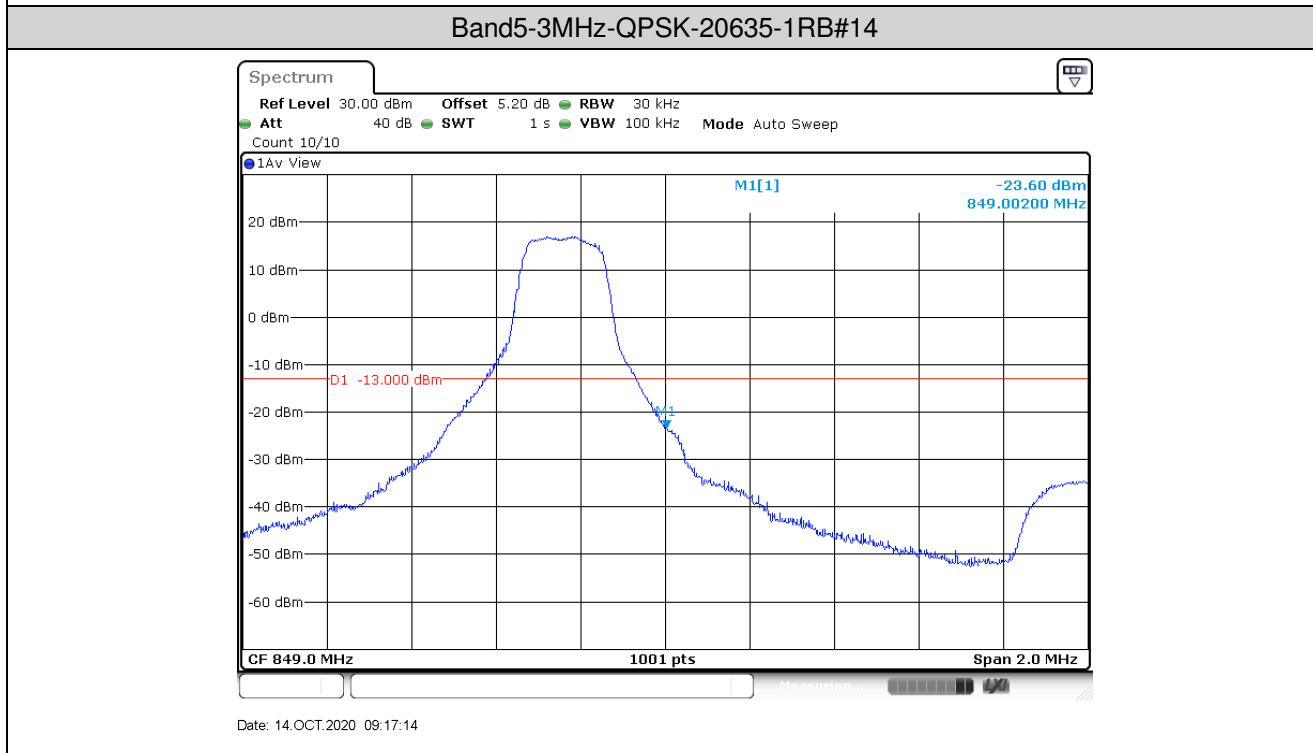
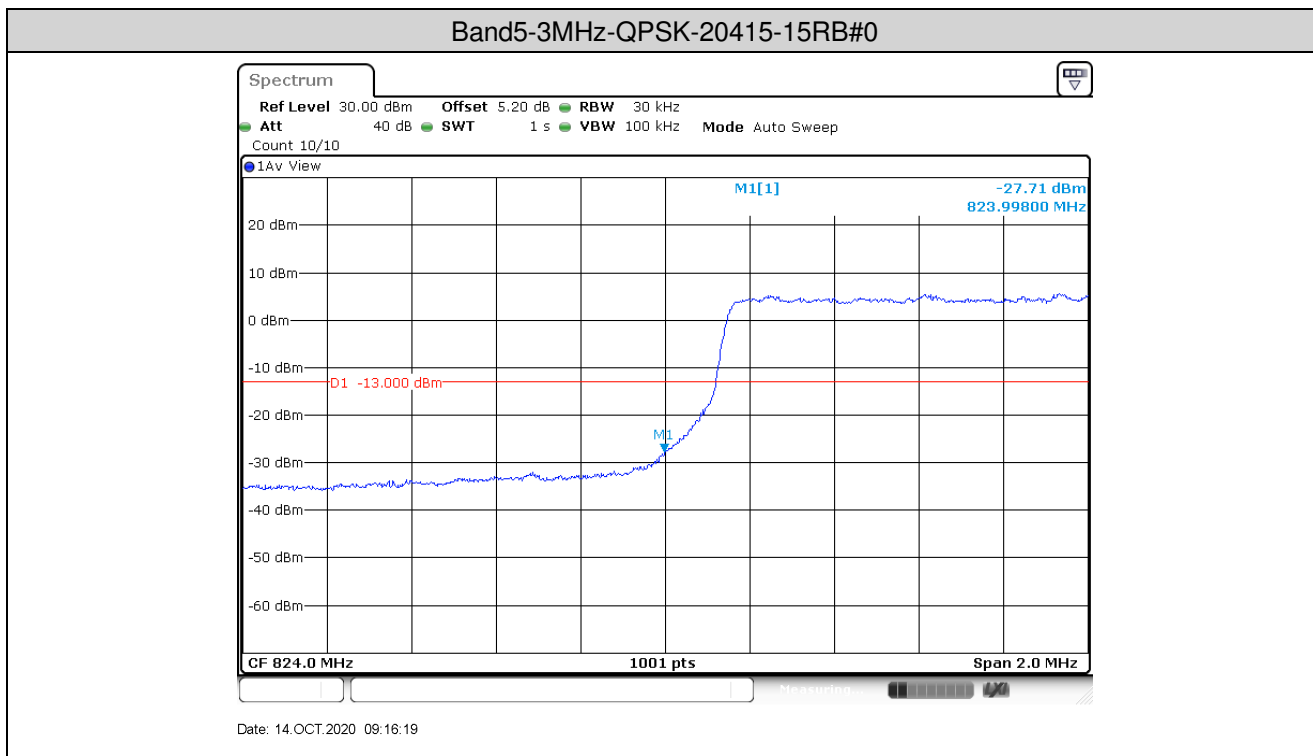


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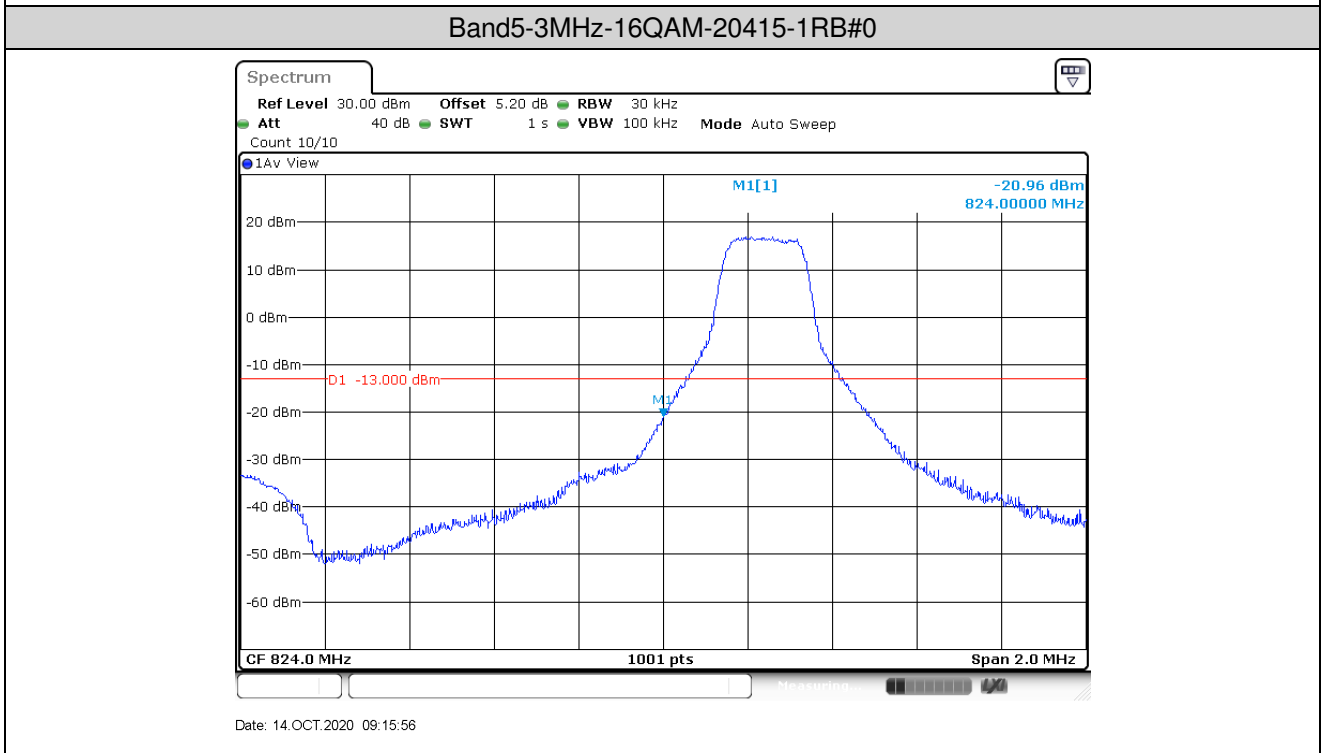
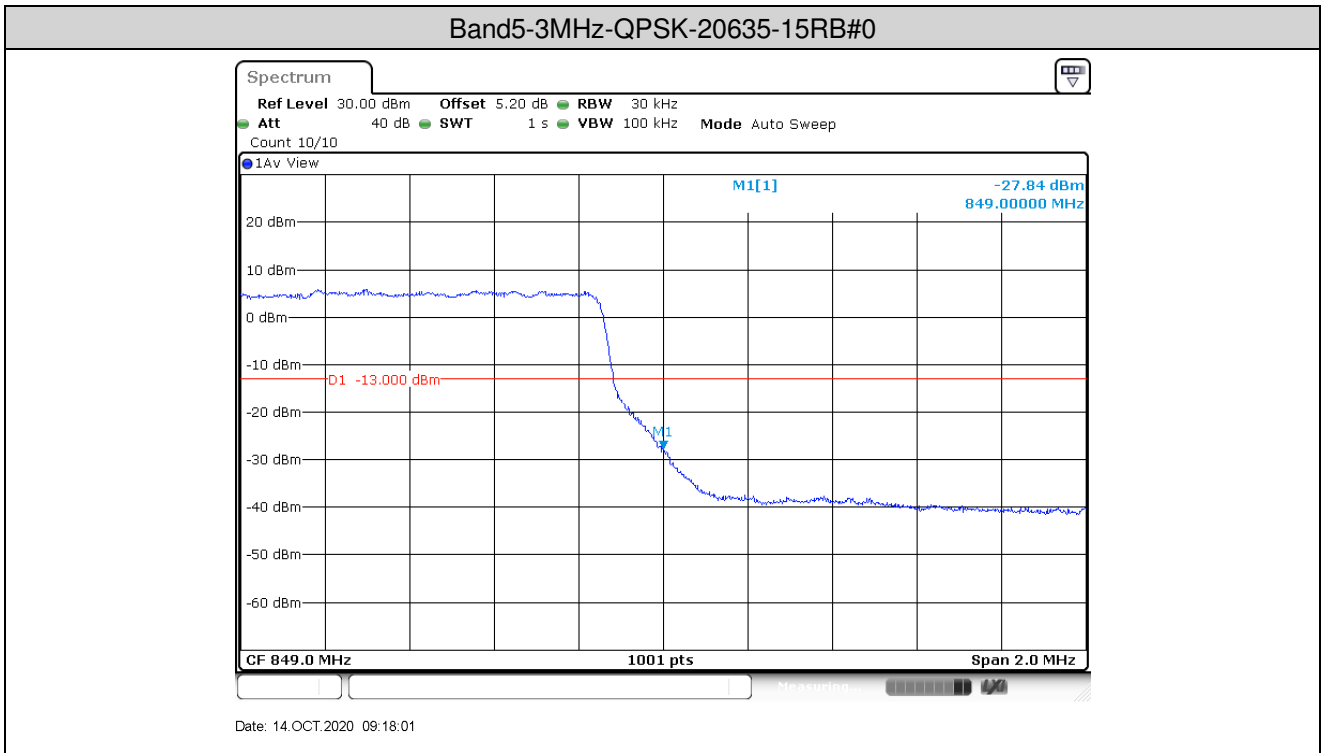
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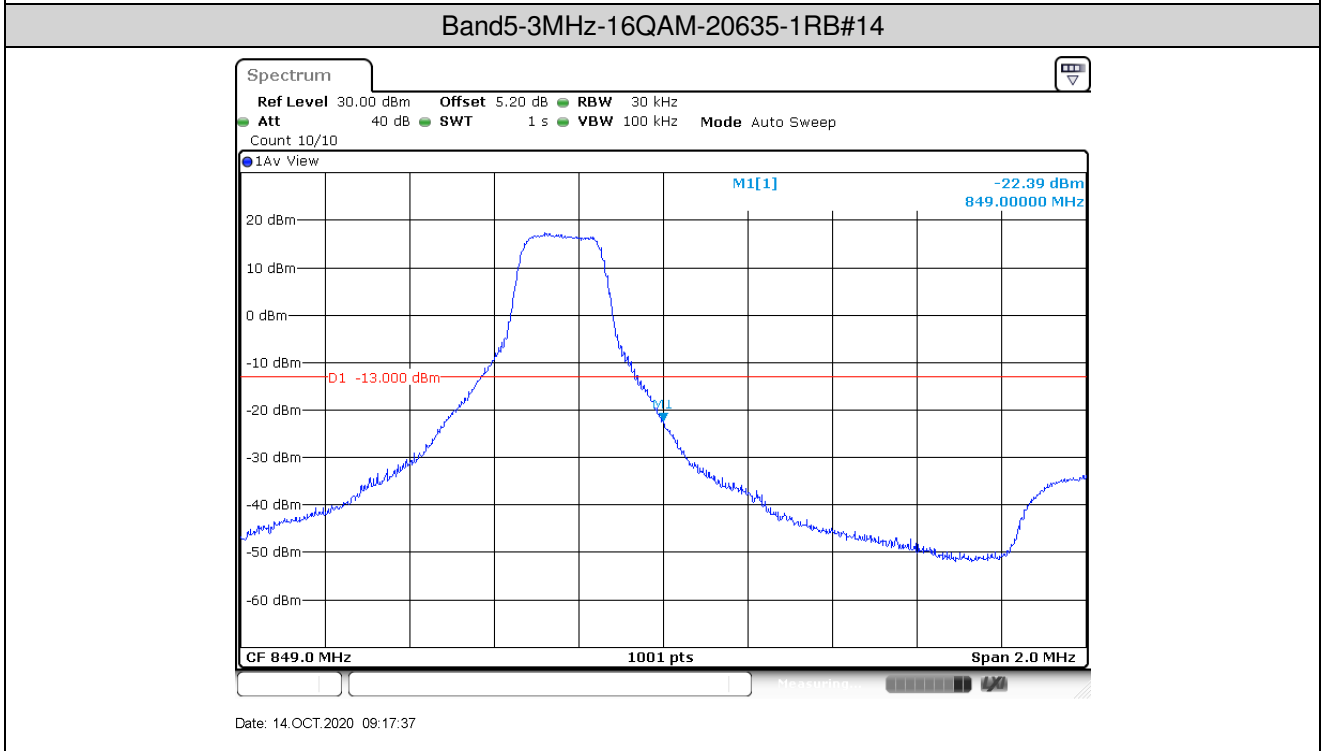
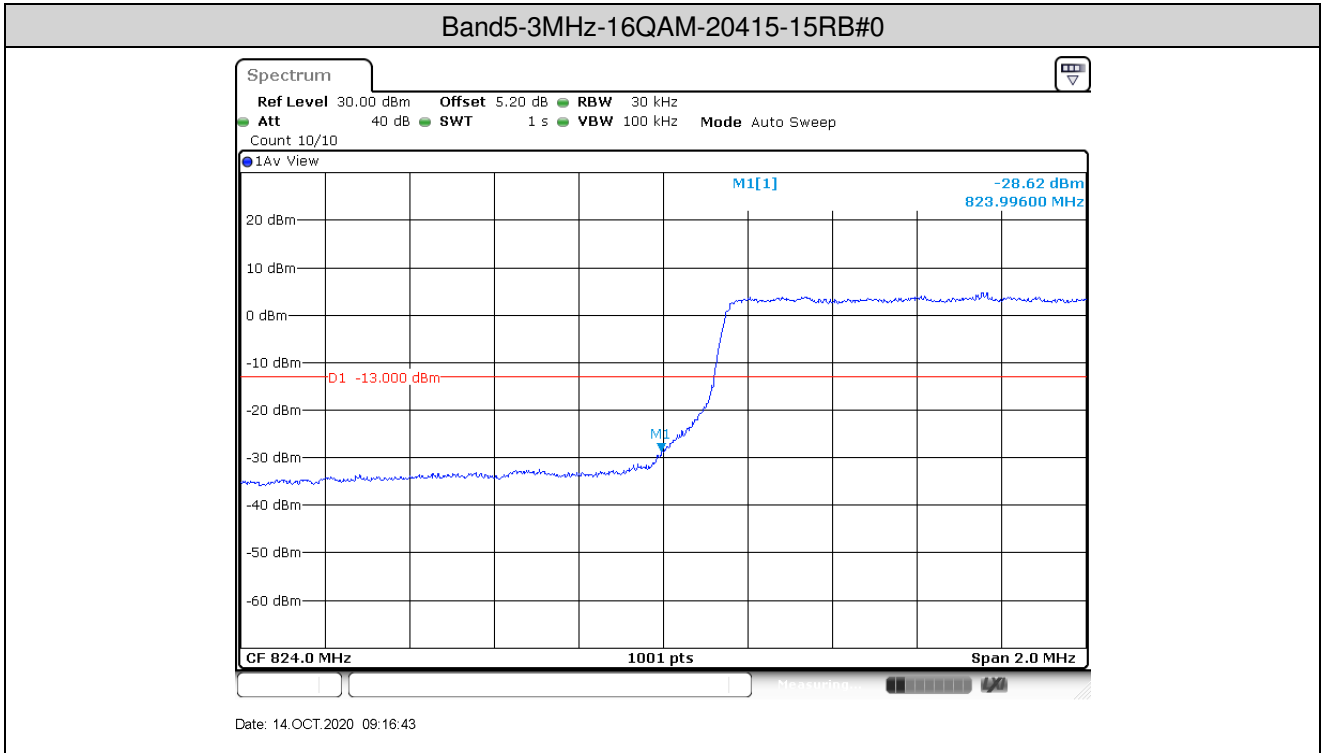
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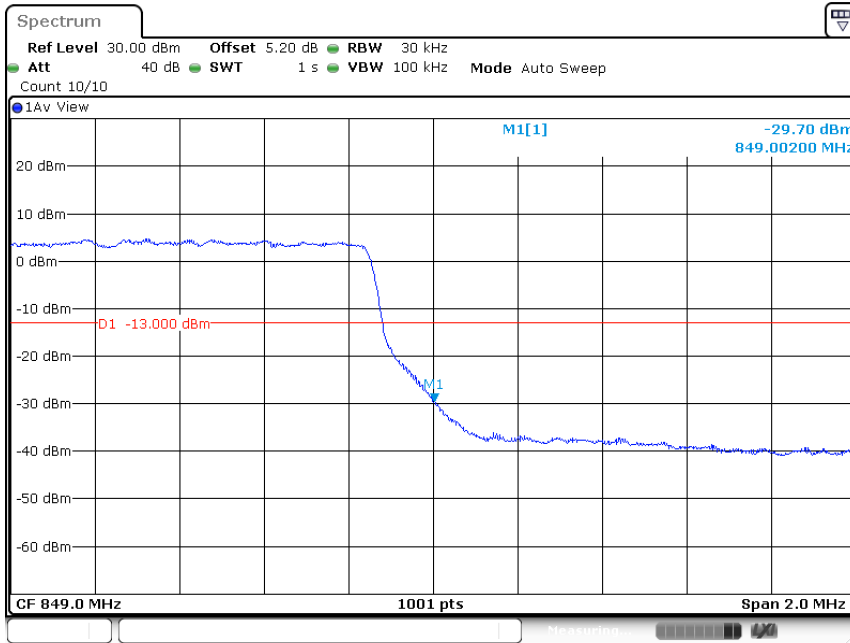
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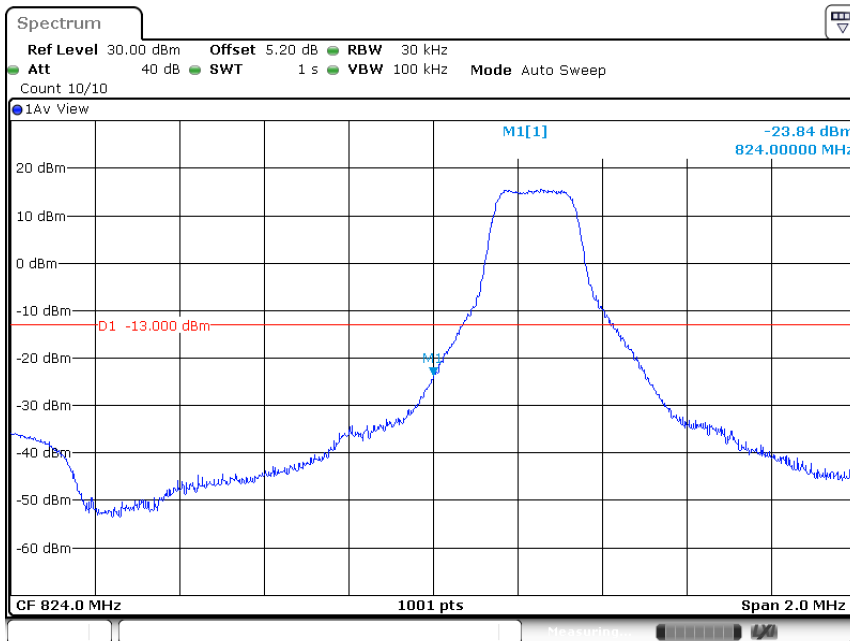
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Band5-3MHz-16QAM-20635-15RB#0



Date: 14.OCT.2020 09:18:24

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

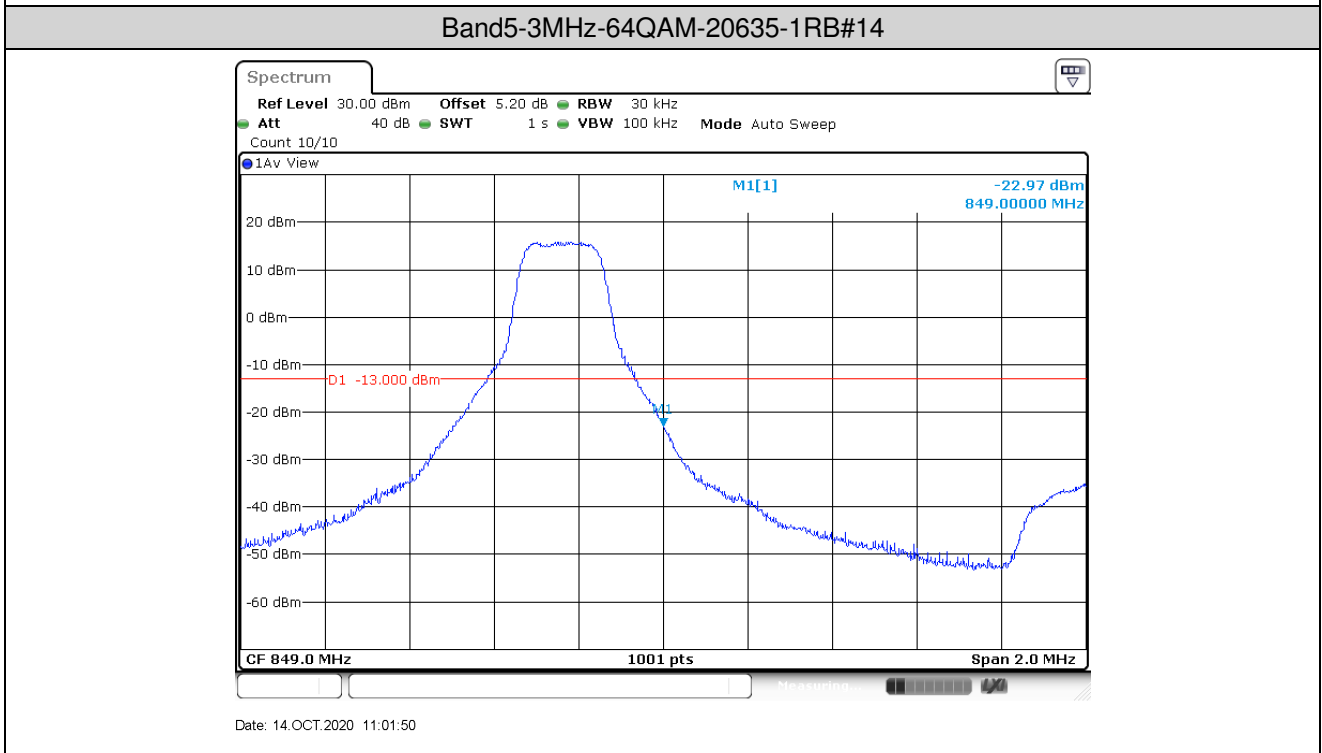
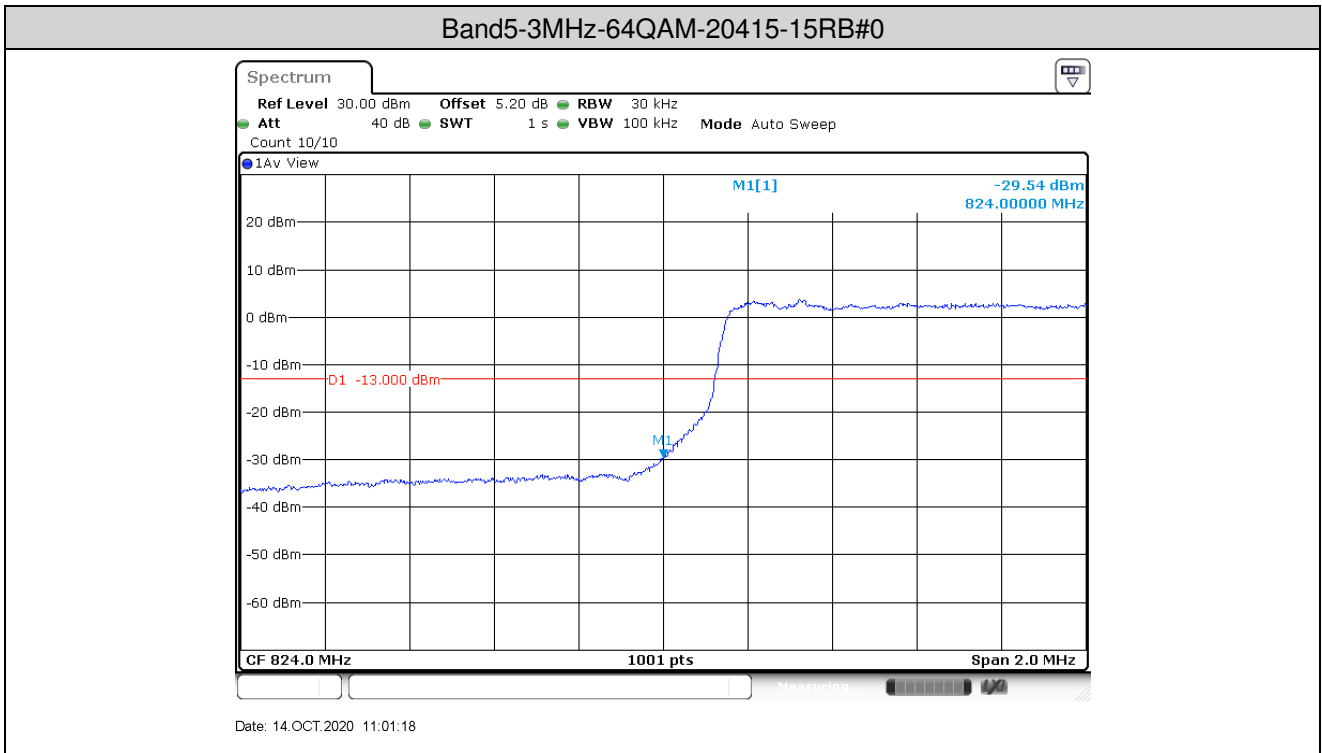


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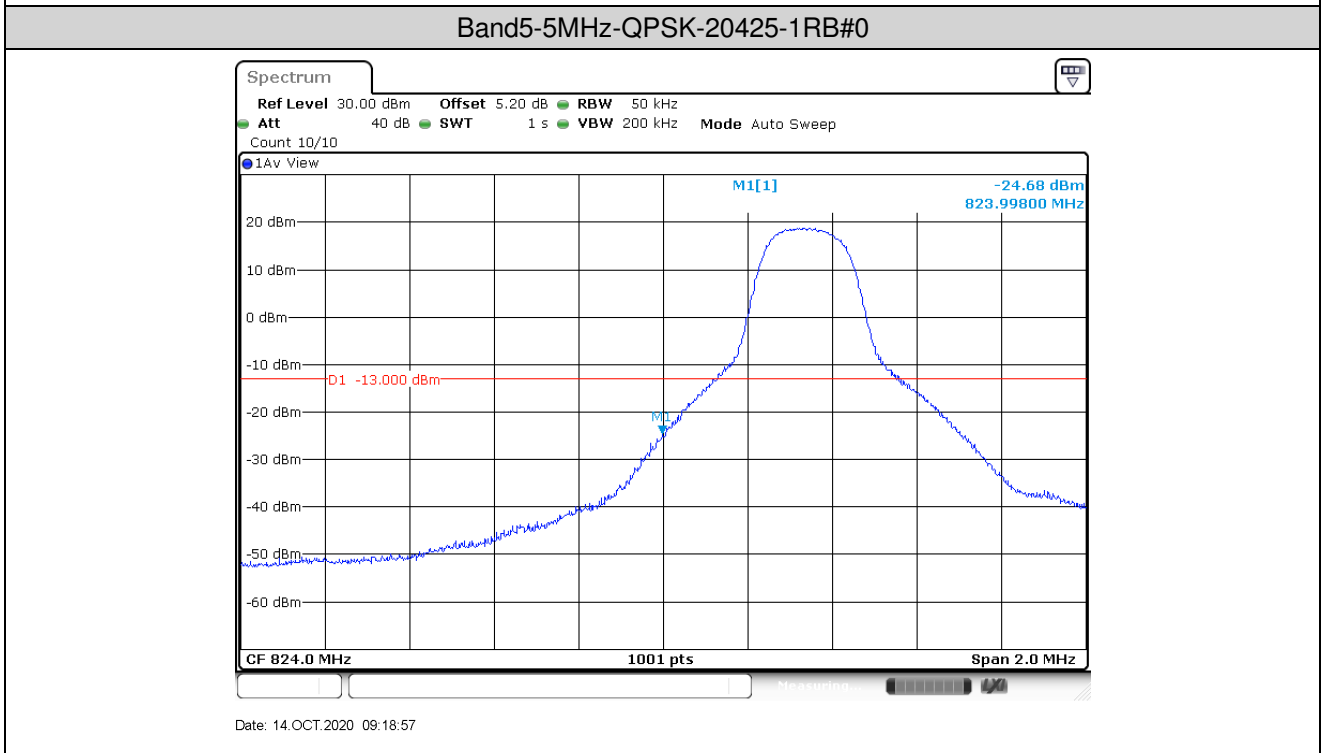
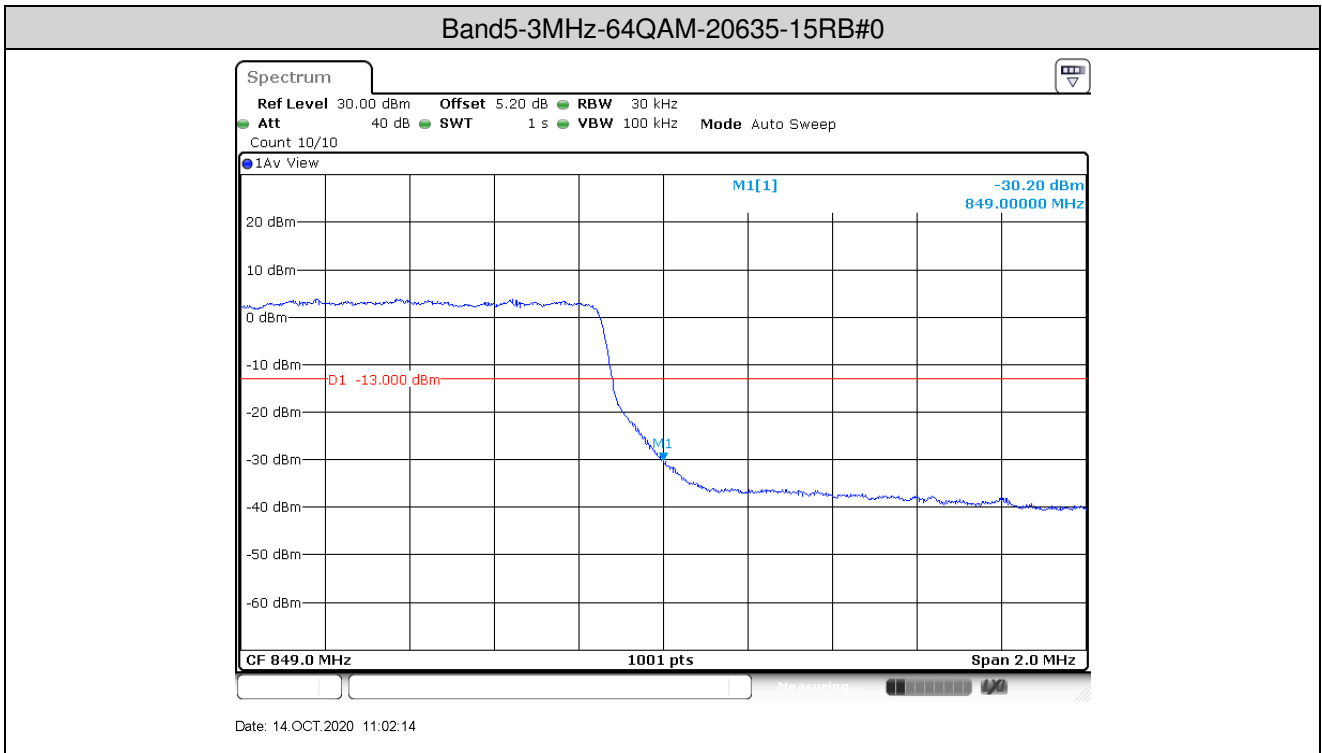
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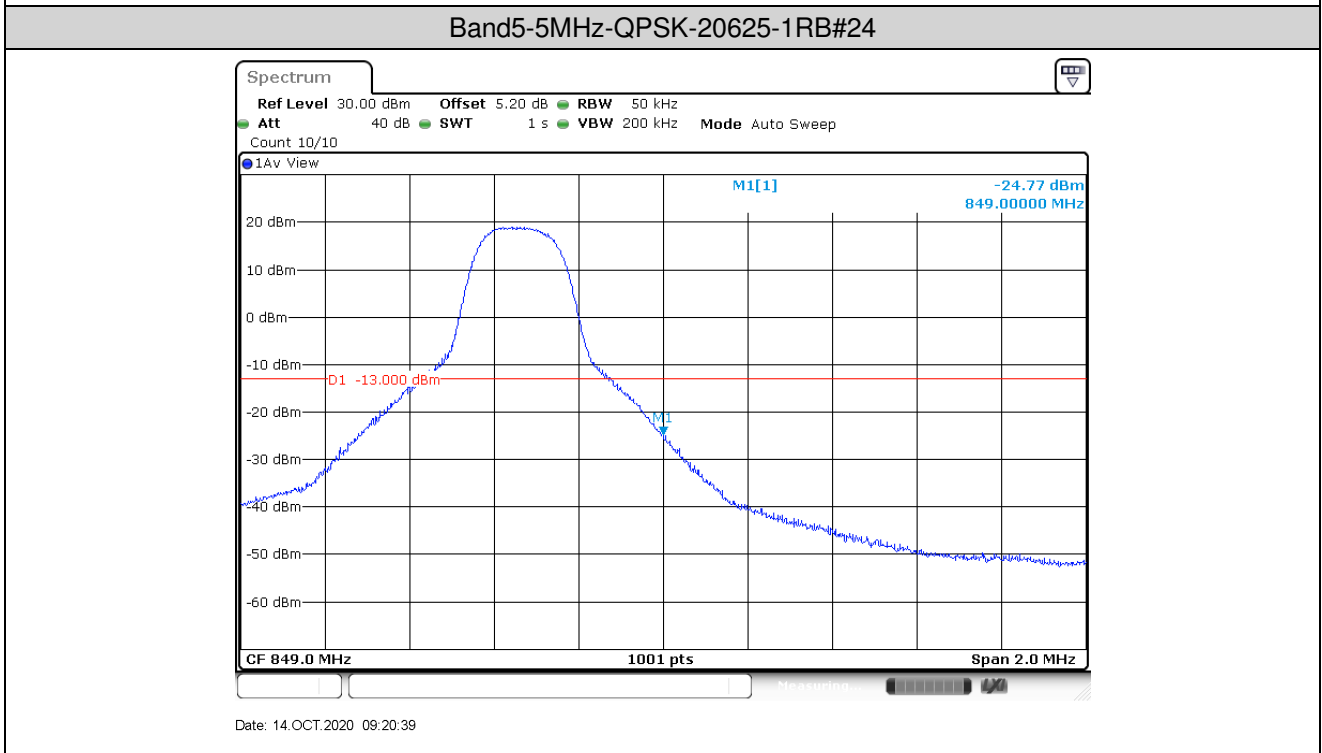
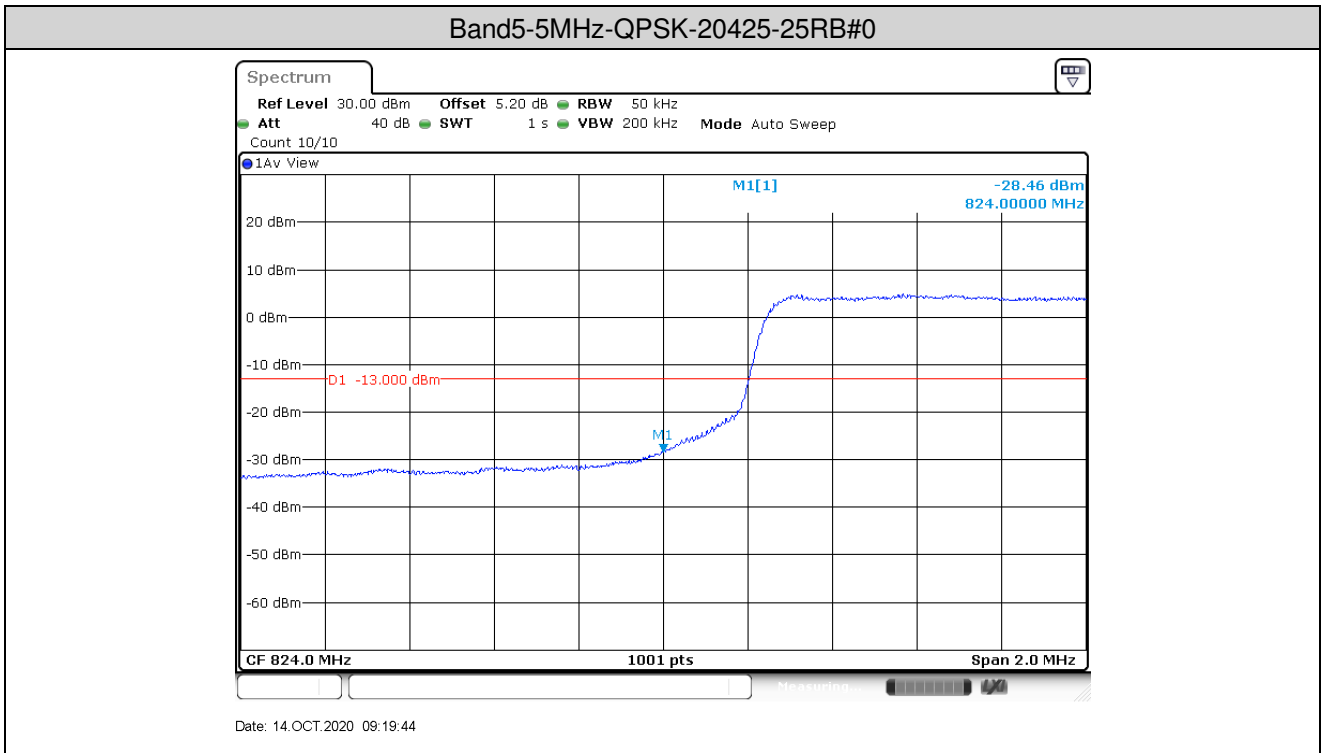
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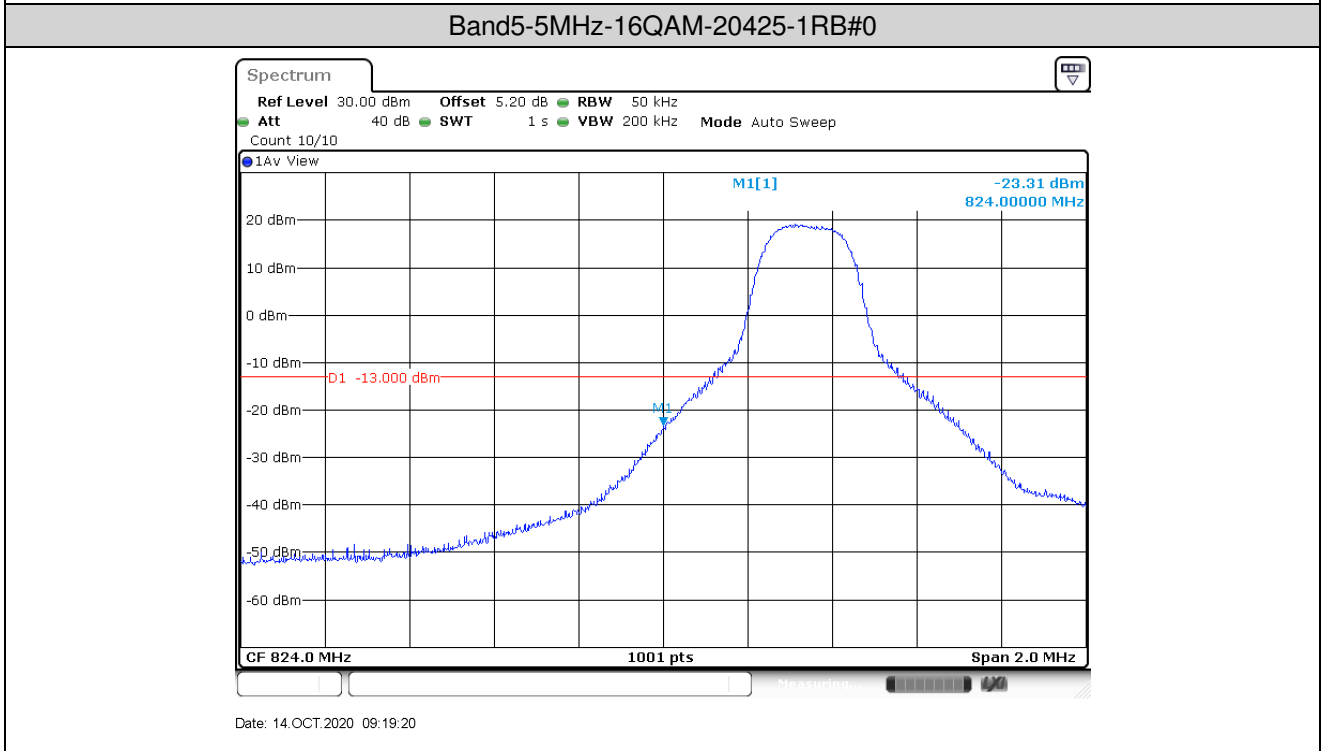
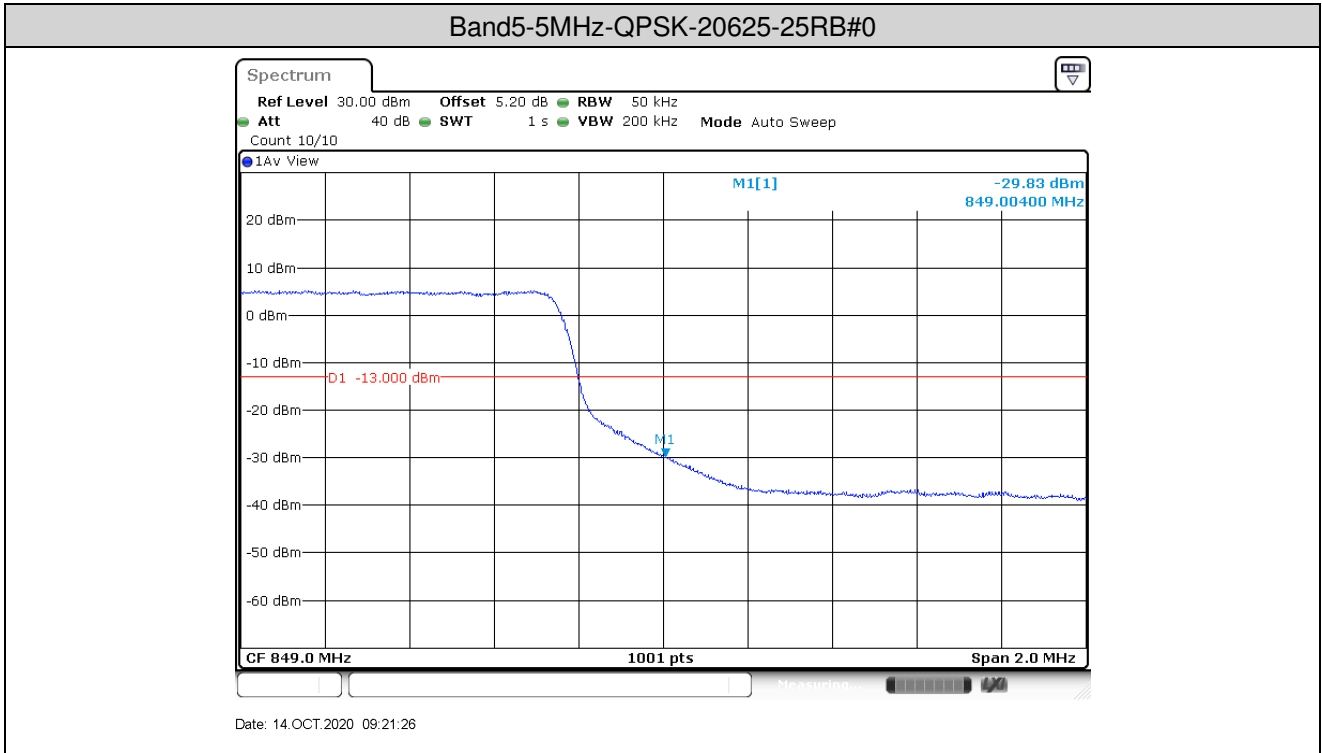
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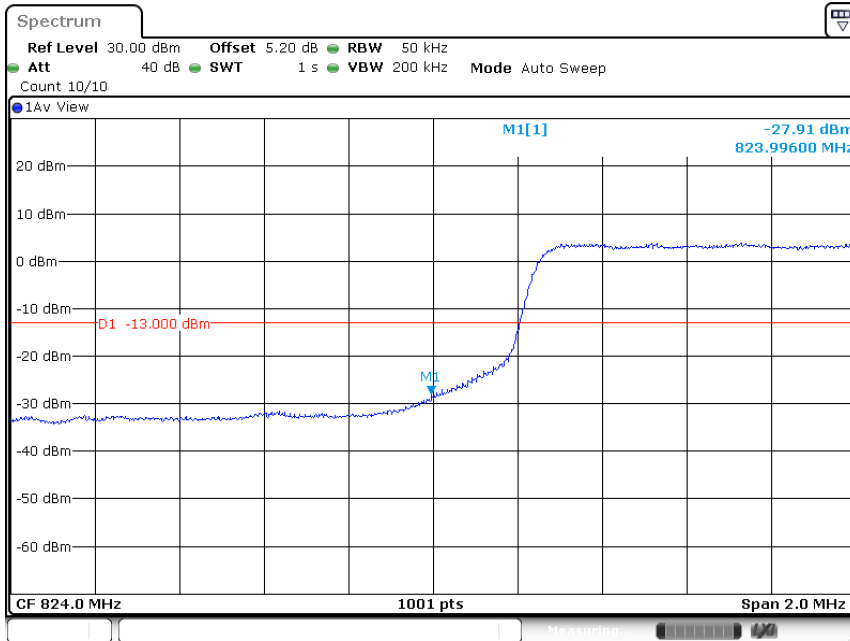
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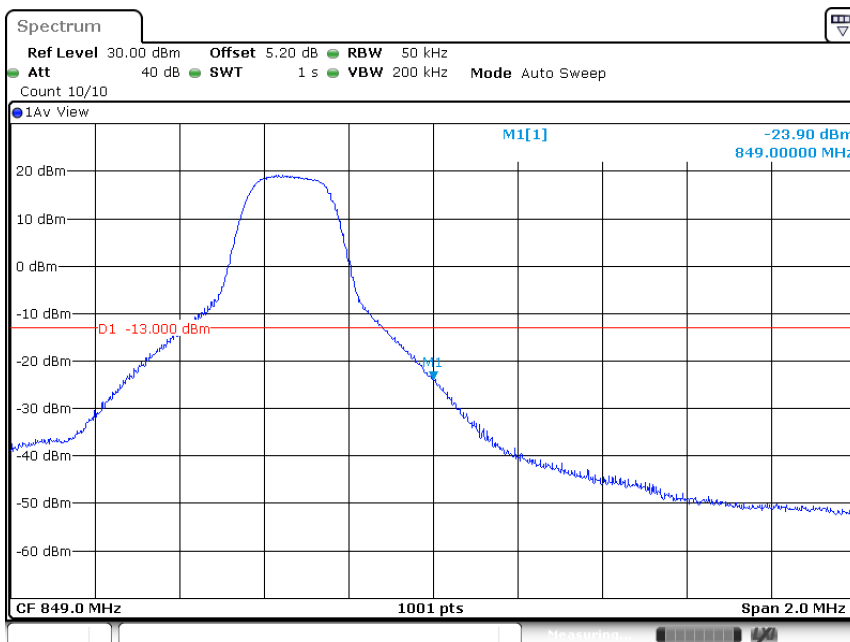
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Band5-5MHz-16QAM-20425-25RB#0



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



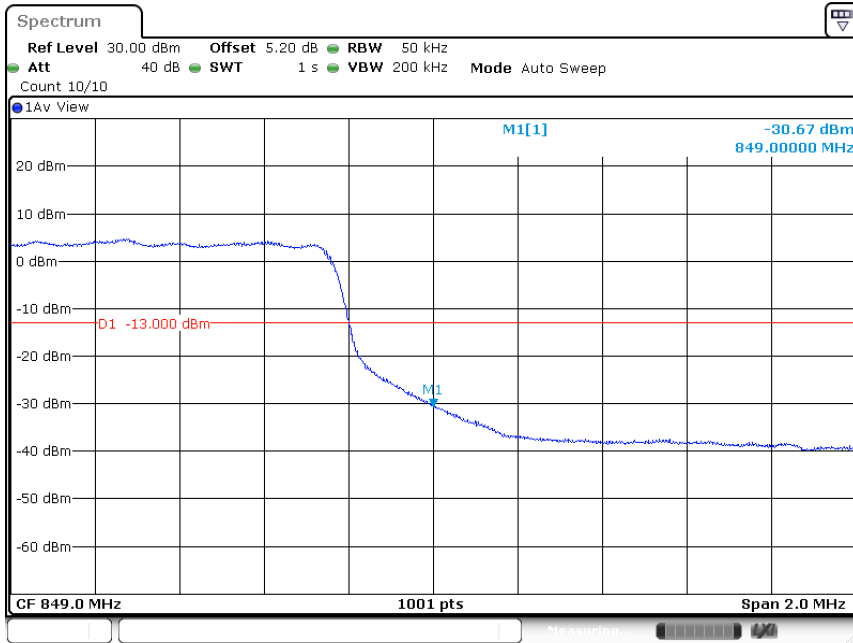
Date: 14.OCT.2020 09:21:02



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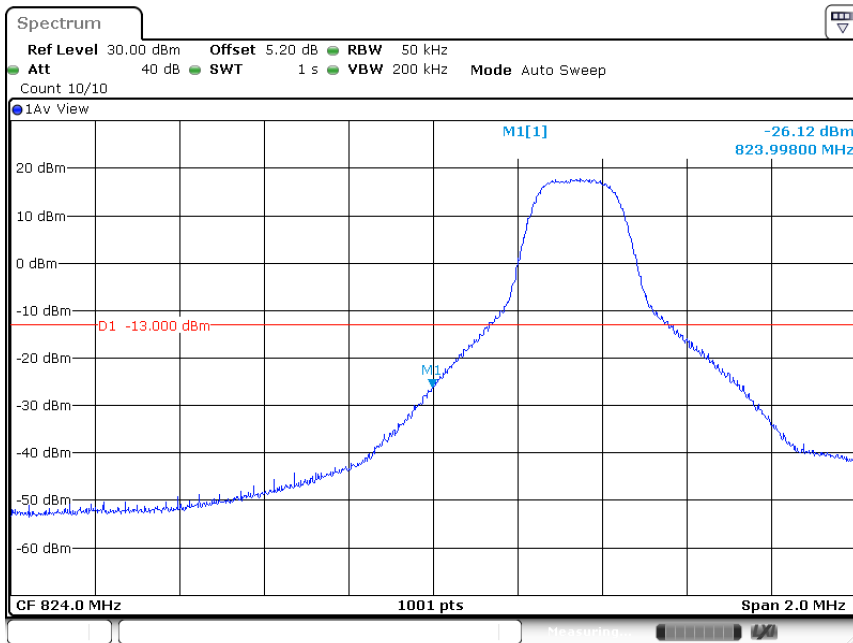
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Band5-5MHz-16QAM-20625-25RB#0



Date: 14.OCT.2020 09:21:49

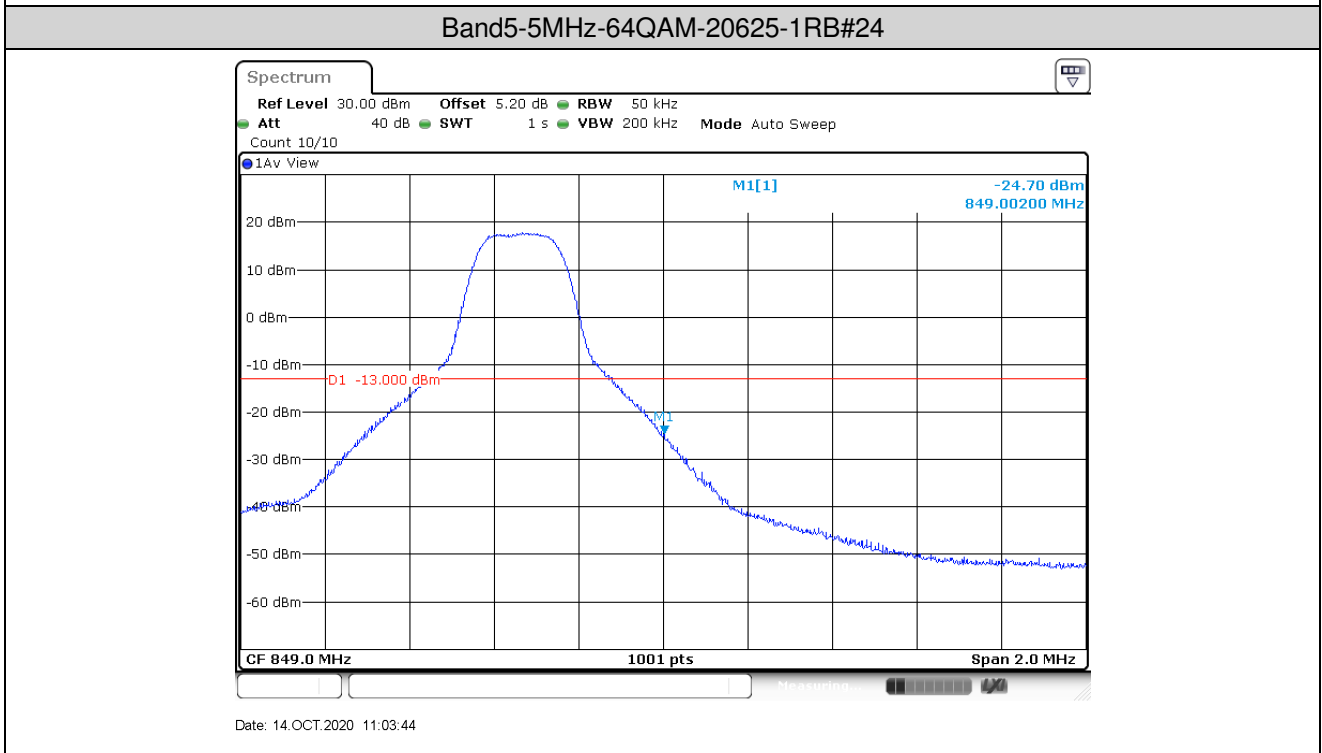
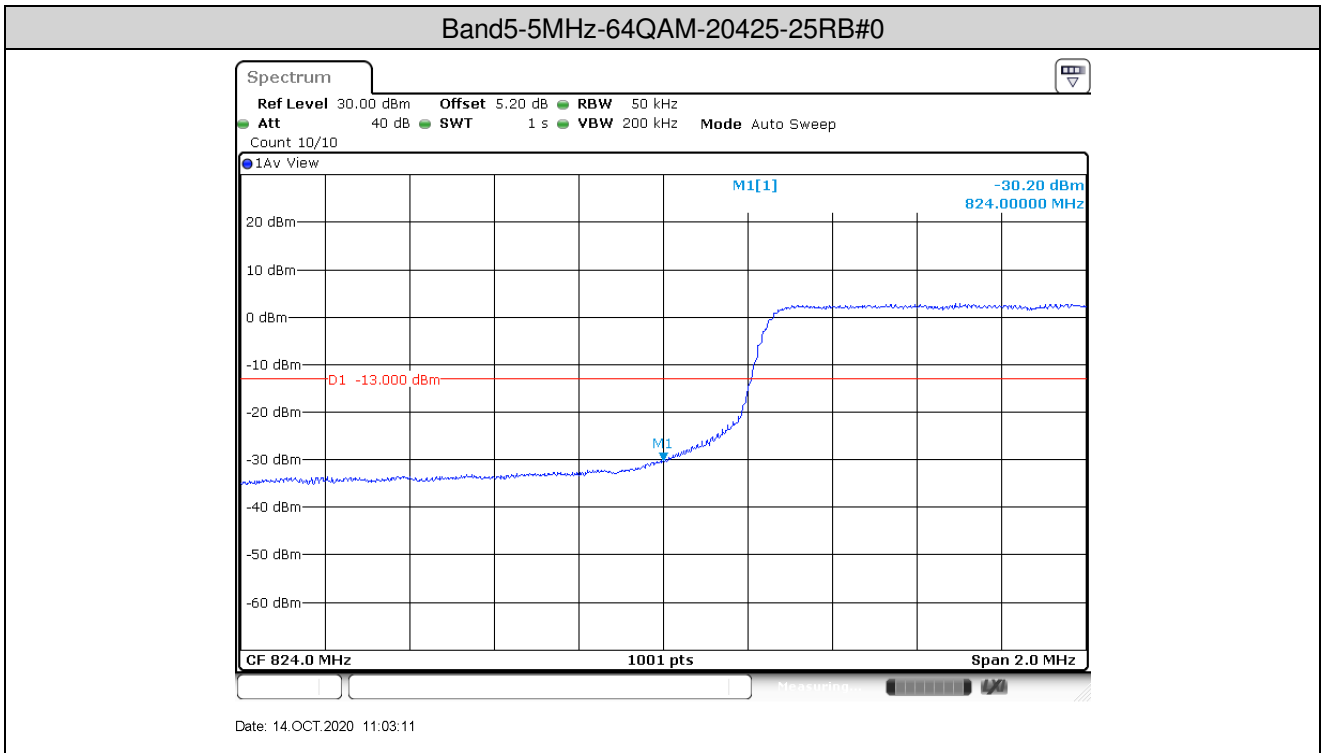
Band5-5MHz-64QAM-20425-1RB#0



Date: 14.OCT.2020 11:02:48

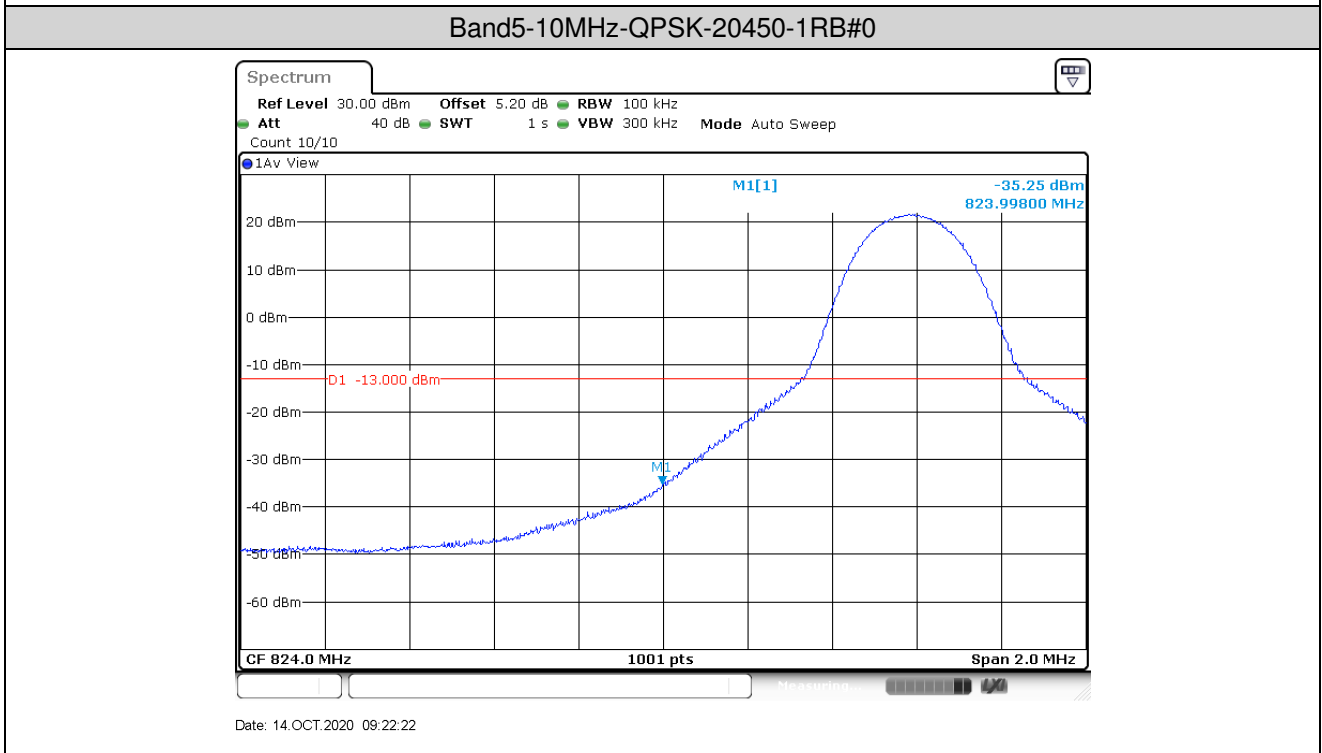
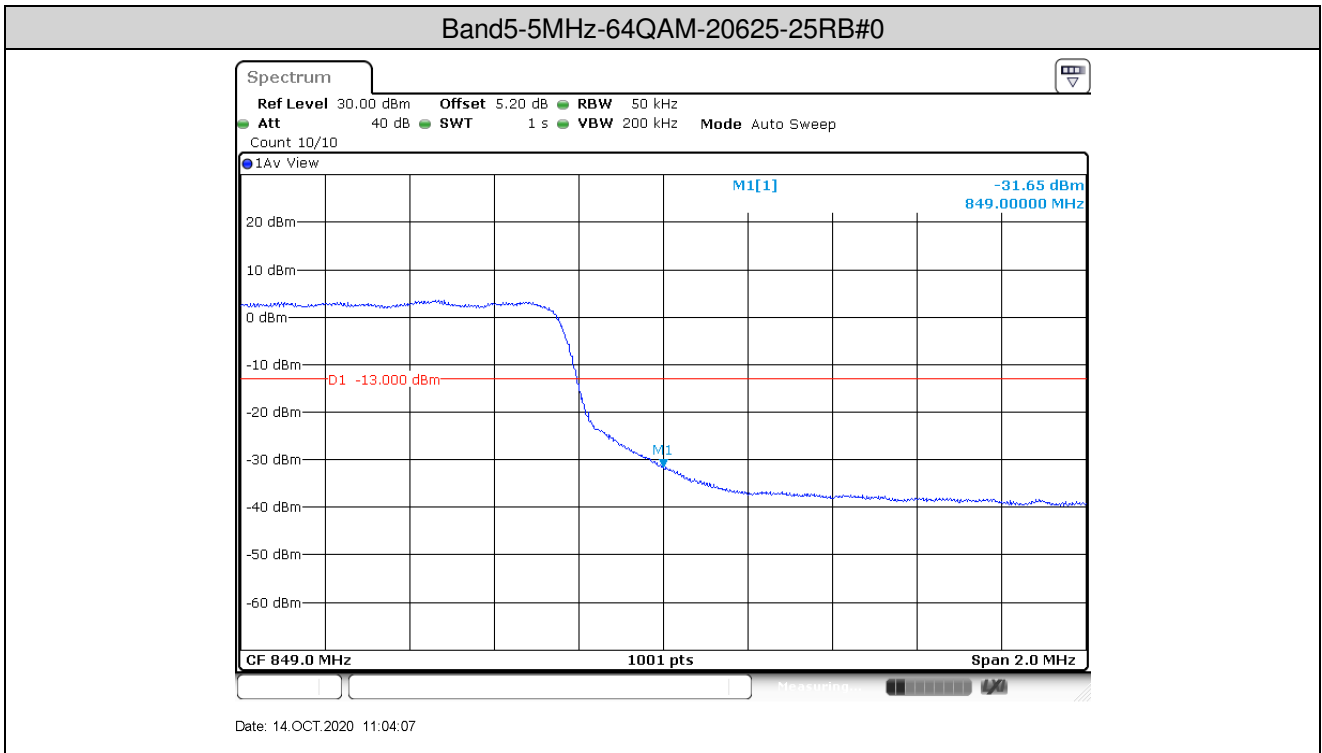


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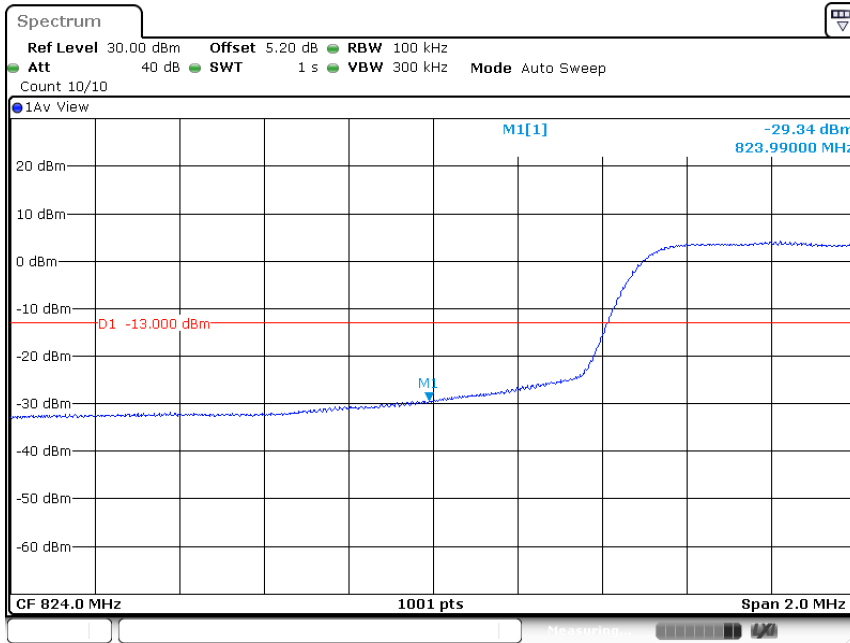
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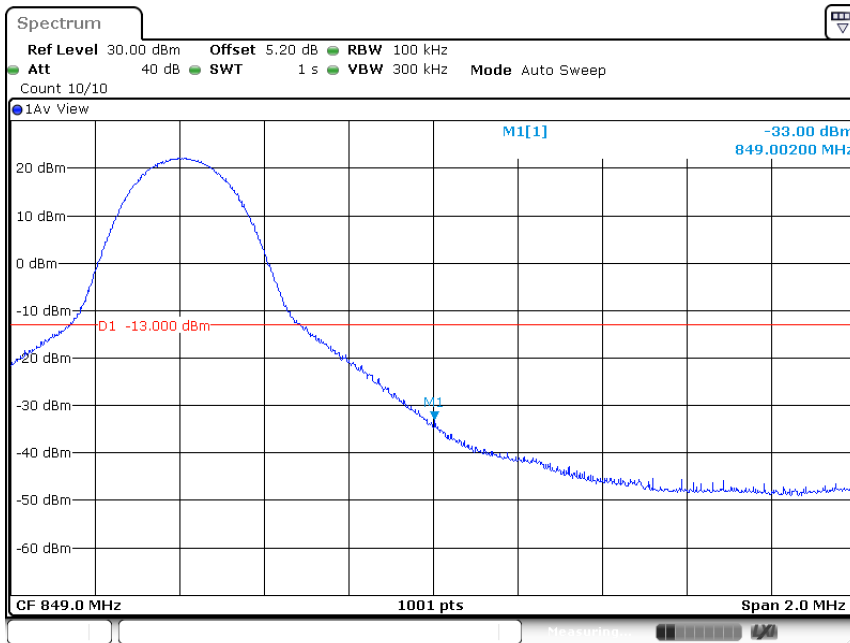
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Band5-10MHz-QPSK-20450-50RB#0



Date: 14.OCT.2020 09:23:09

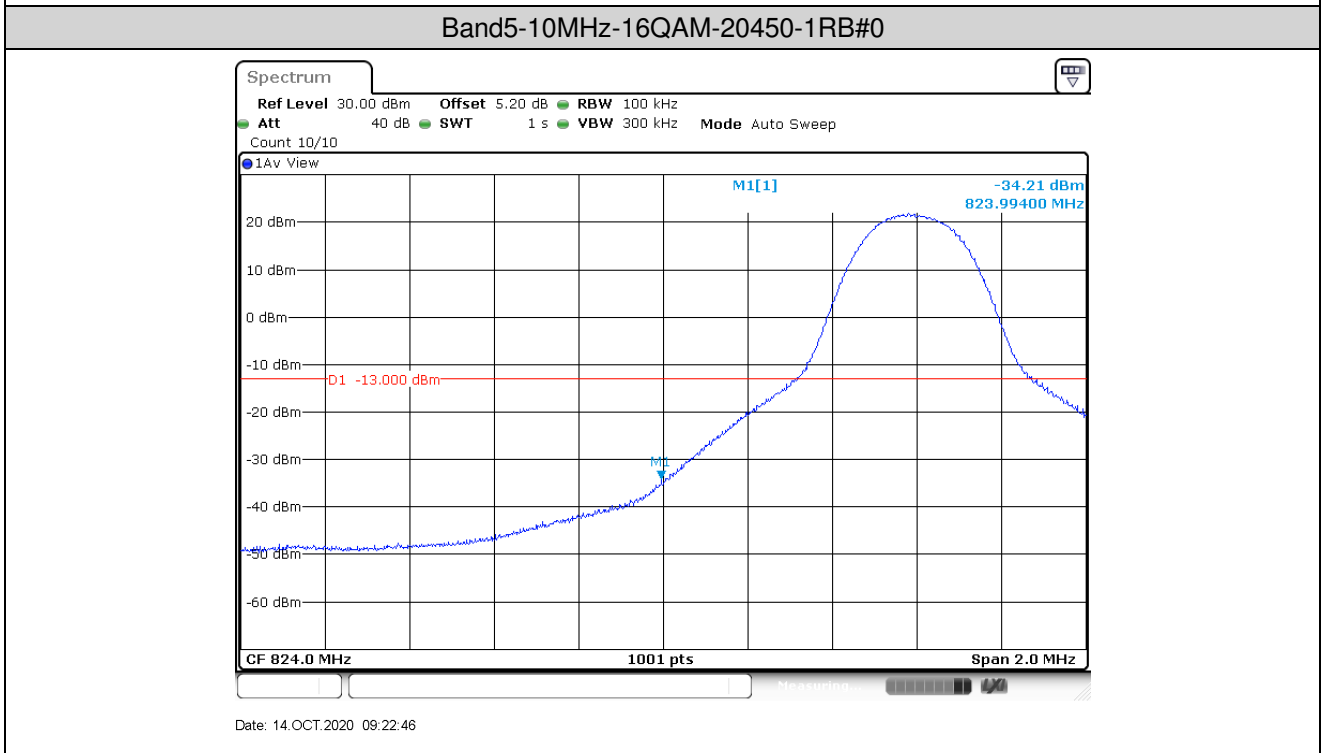
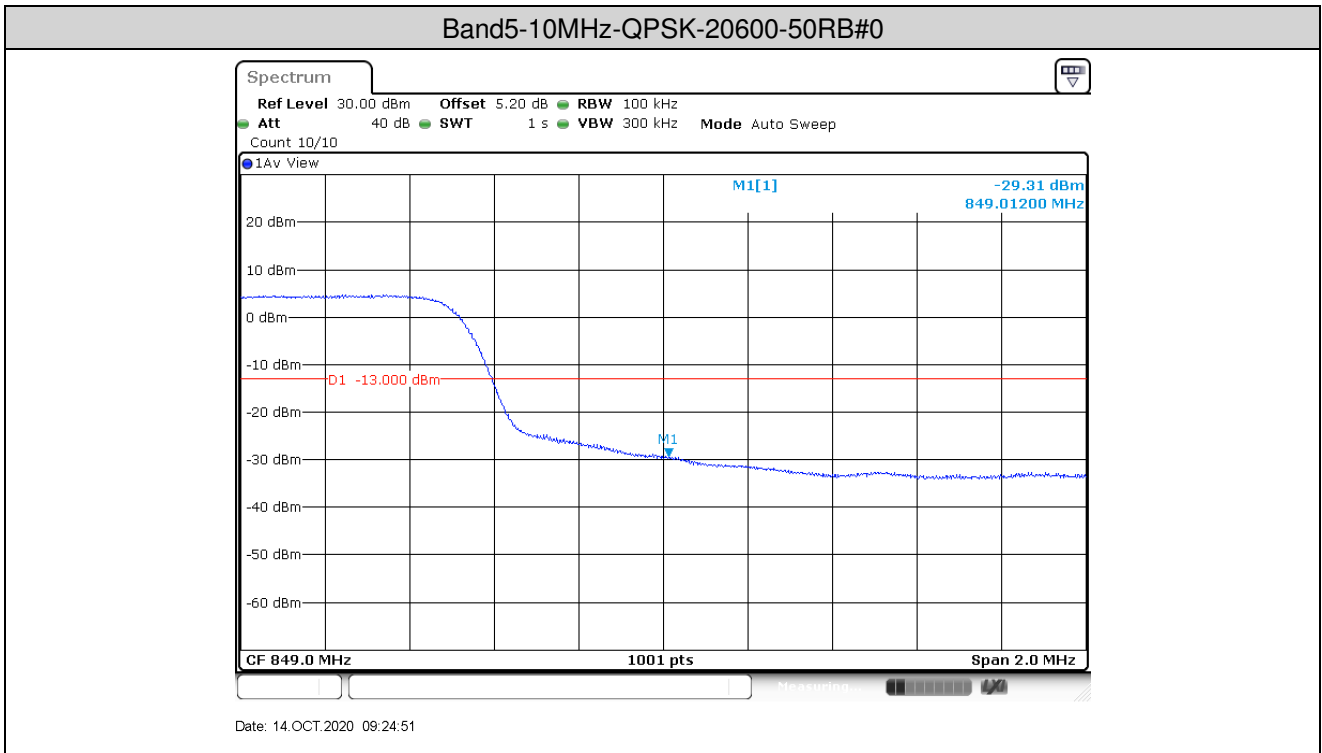
Band5-10MHz-QPSK-20600-1RB#49



Date: 14.OCT.2020 09:24:04



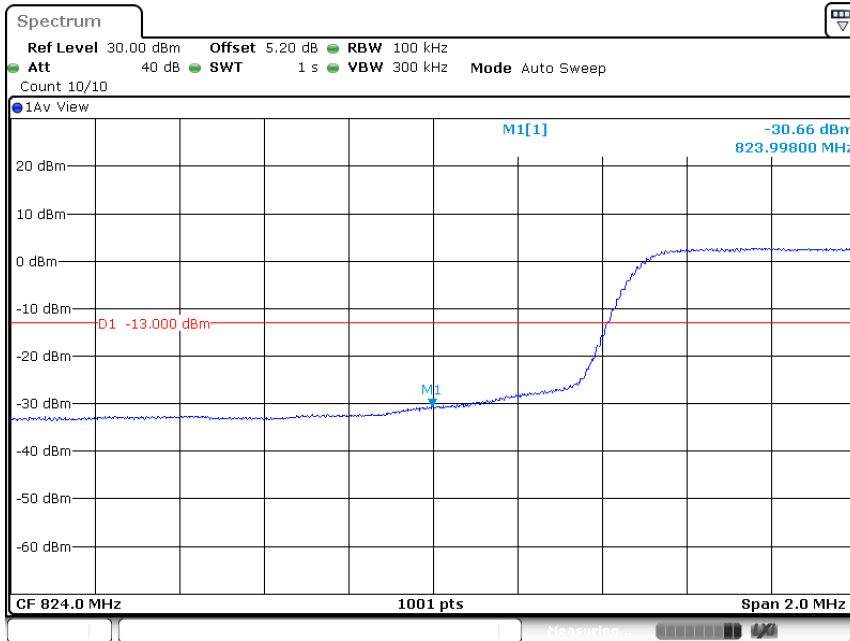
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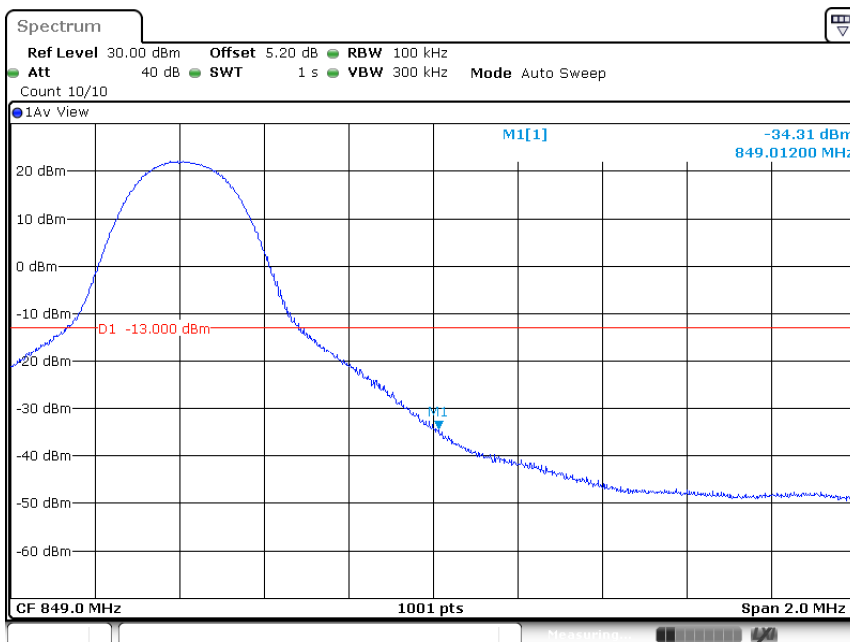
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Band5-10MHz-16QAM-20450-50RB#0



Date: 14.OCT.2020 09:23:33

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

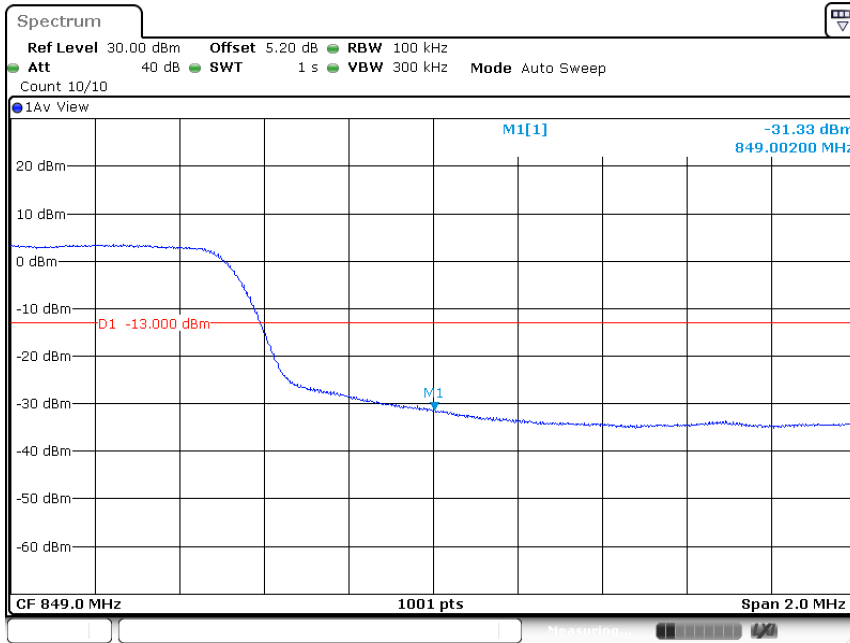


Date: 14.OCT.2020 09:24:28



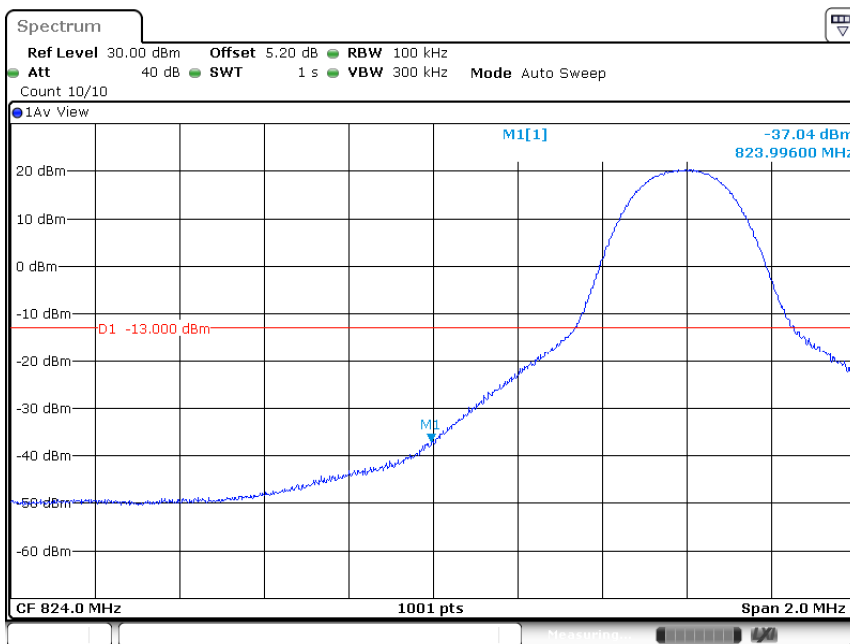
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Band5-10MHz-16QAM-20600-50RB#0



Date: 14.OCT.2020 09:25:15

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



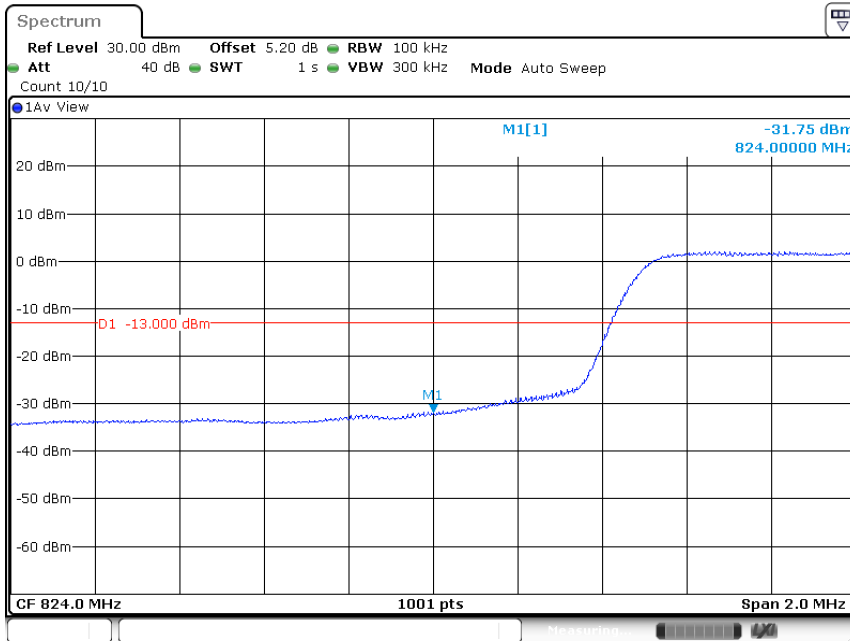
Date: 14.OCT.2020 11:04:41



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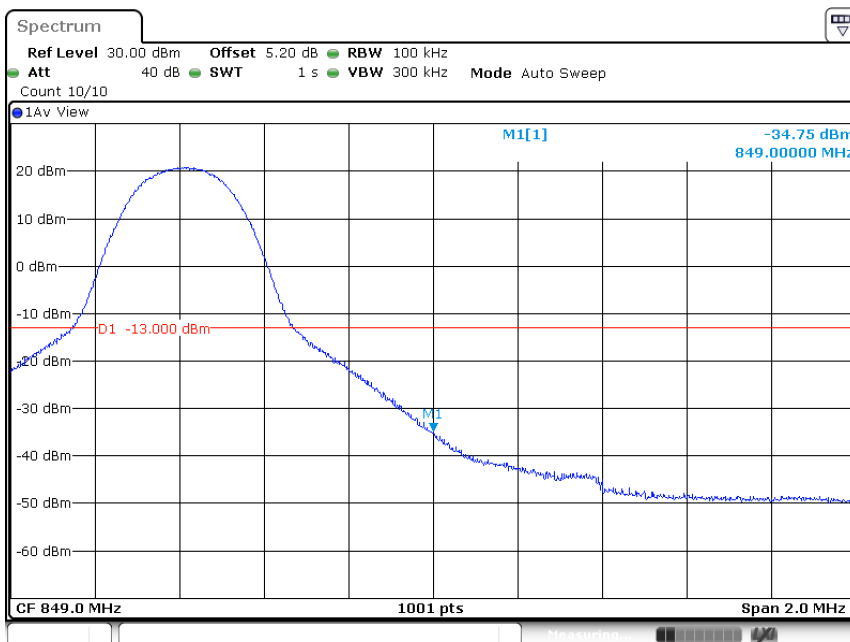
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Band5-10MHz-64QAM-20450-50RB#0



Date: 14.OCT.2020 11:05:04

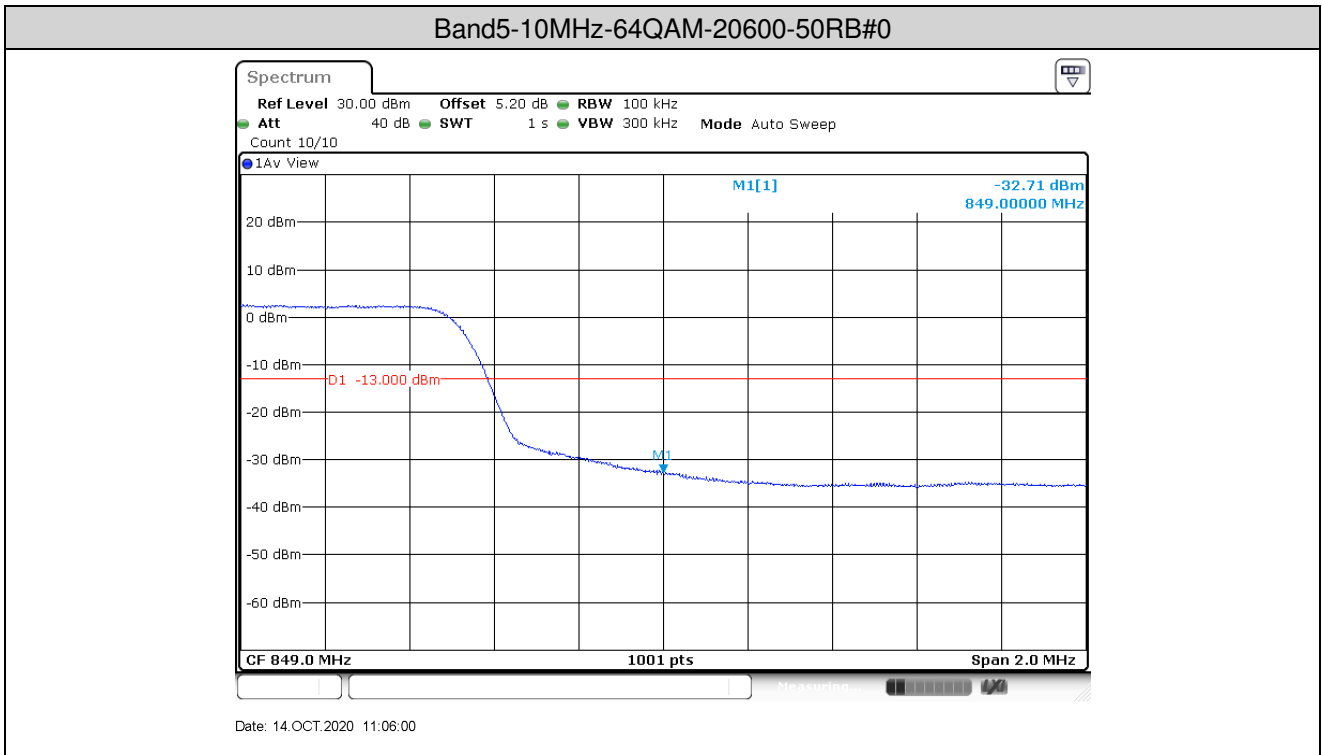
Band5-10MHz-64QAM-20600-1RB#49



Date: 14.OCT.2020 11:05:36



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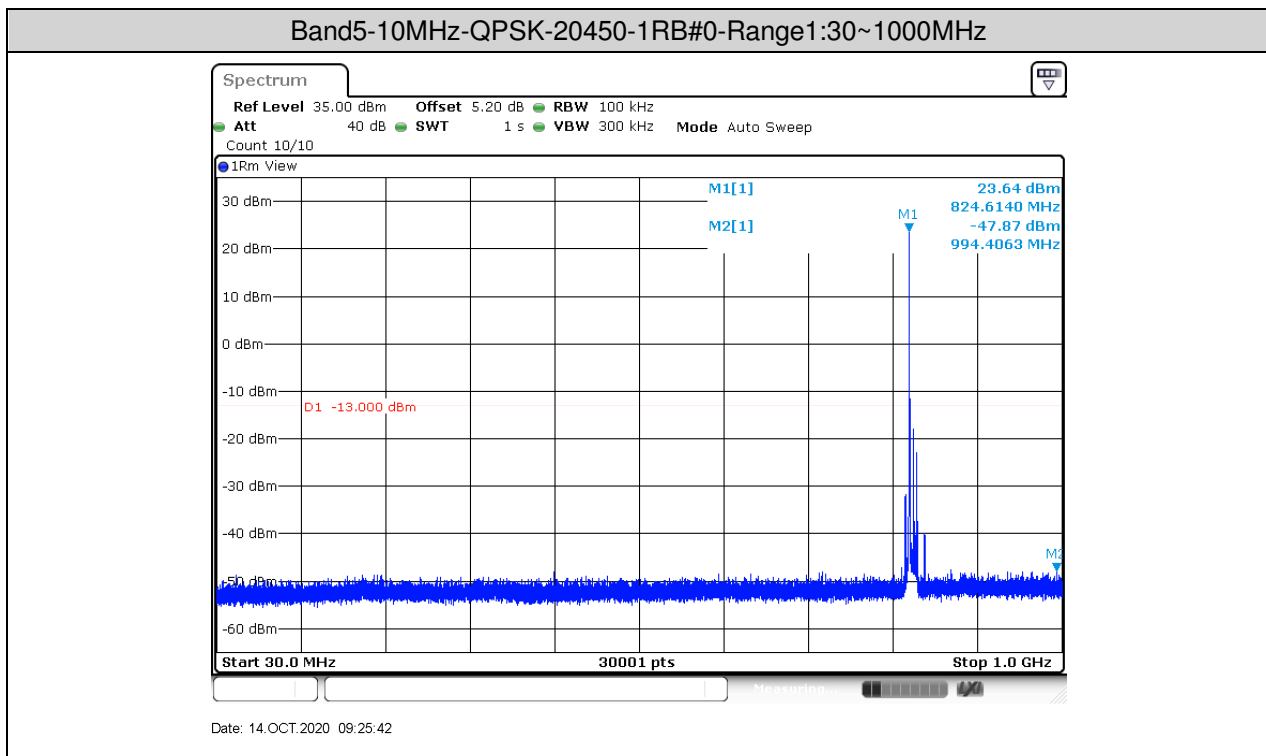
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6 Spurious Emission at Antenna Terminal

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 = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

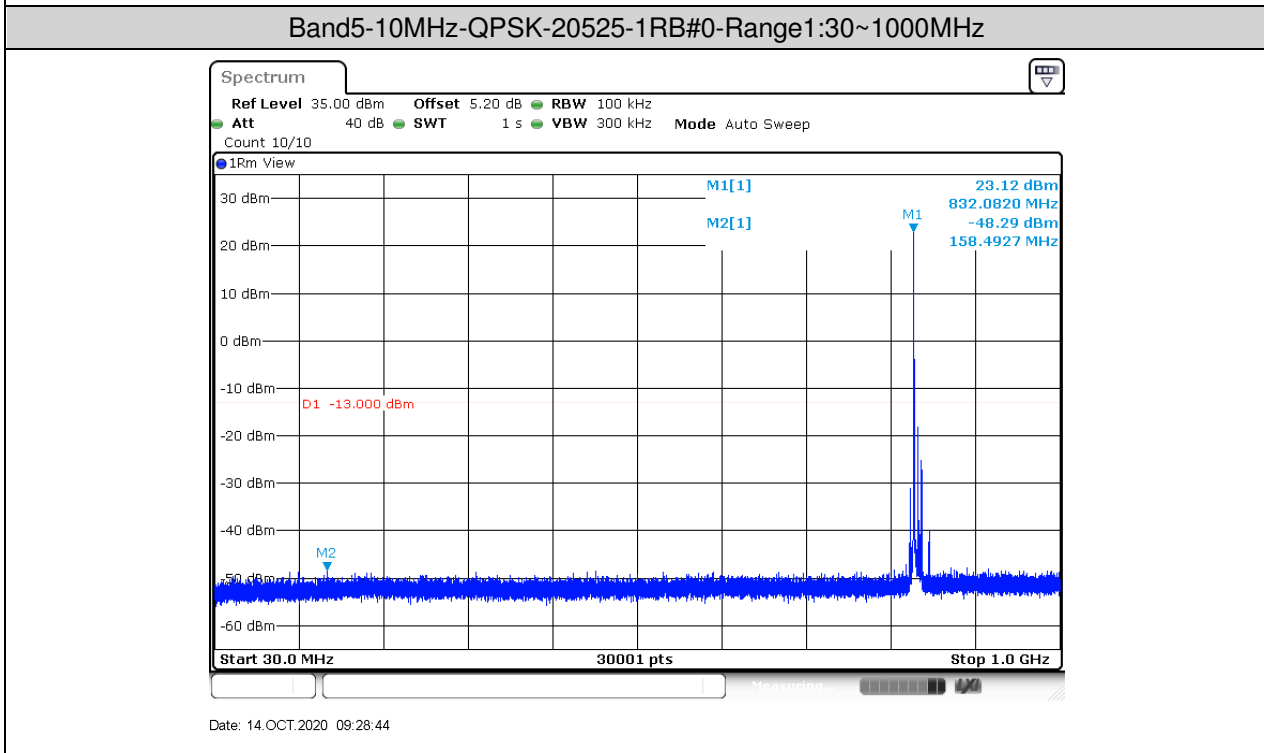
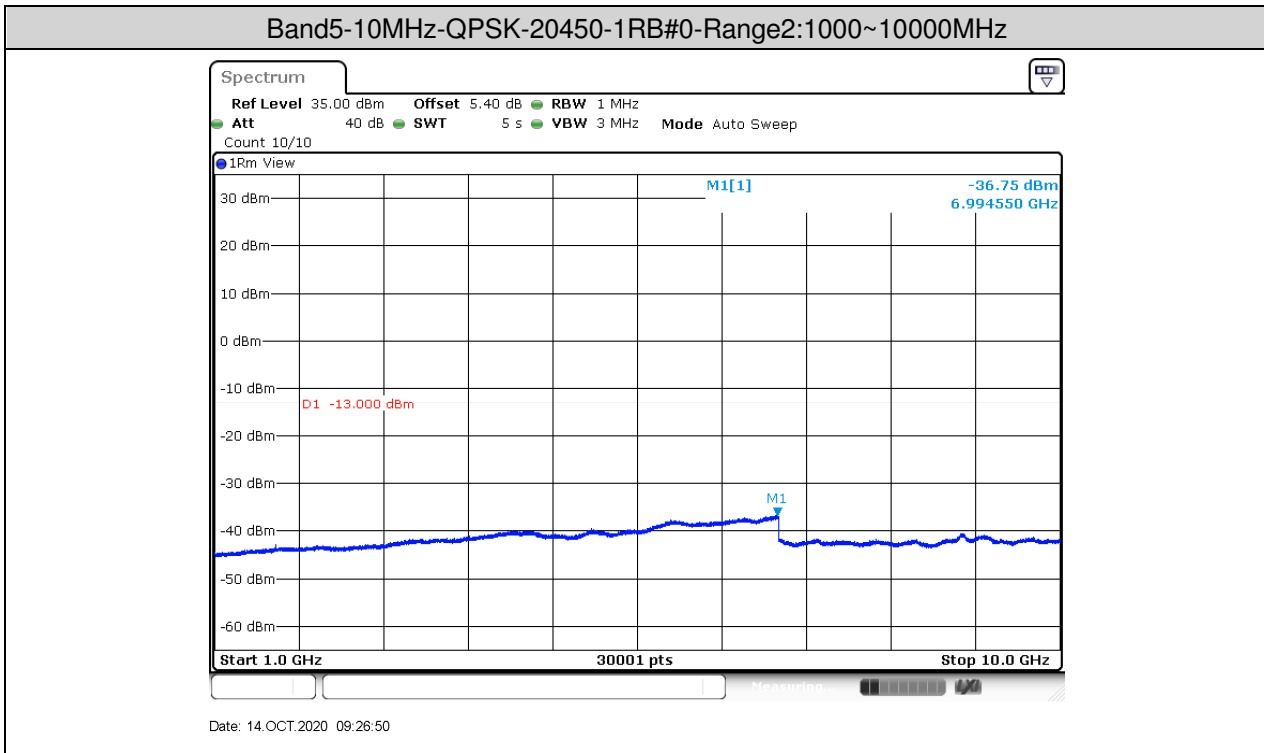
Remark2: only the worst case data displayed in this report.

6.1 Test Plots



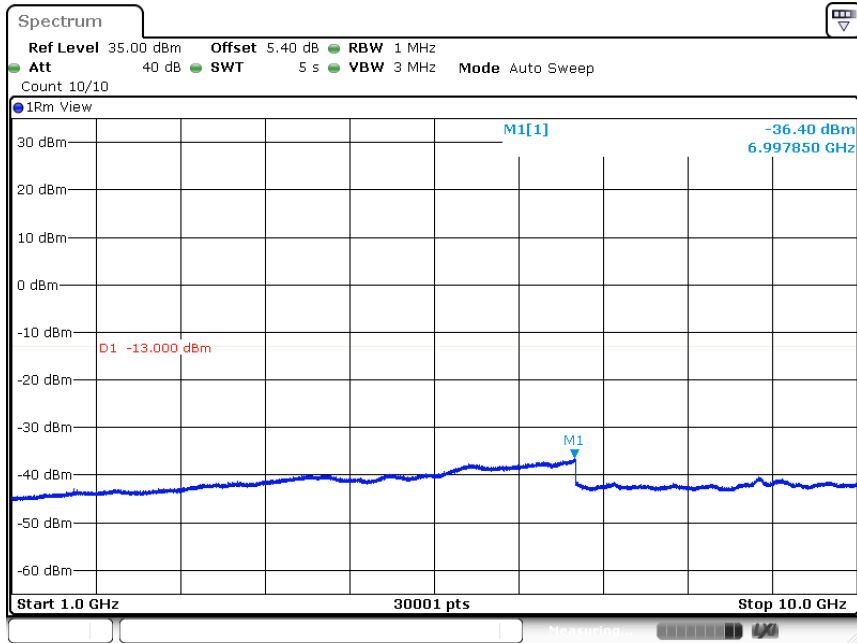
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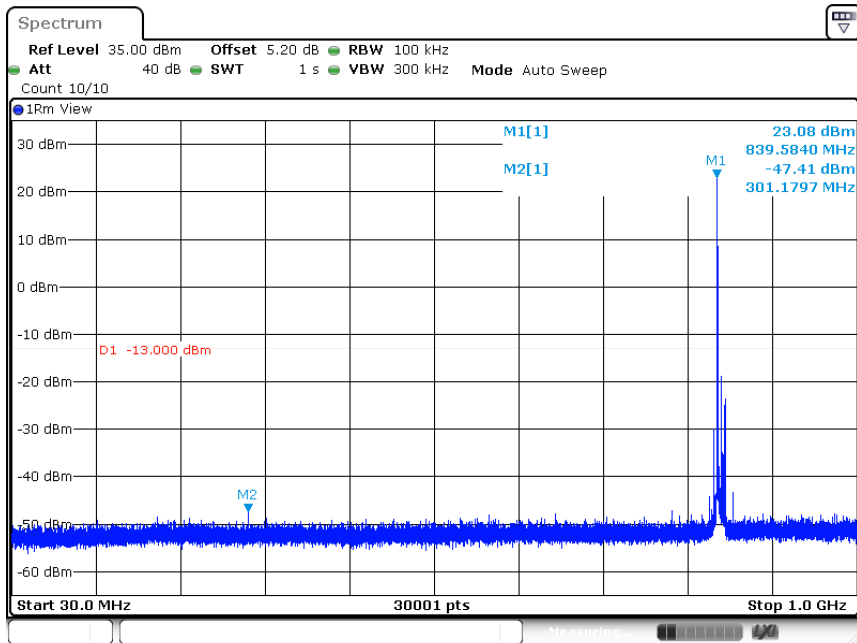
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Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 14.OCT.2020 09:29:53

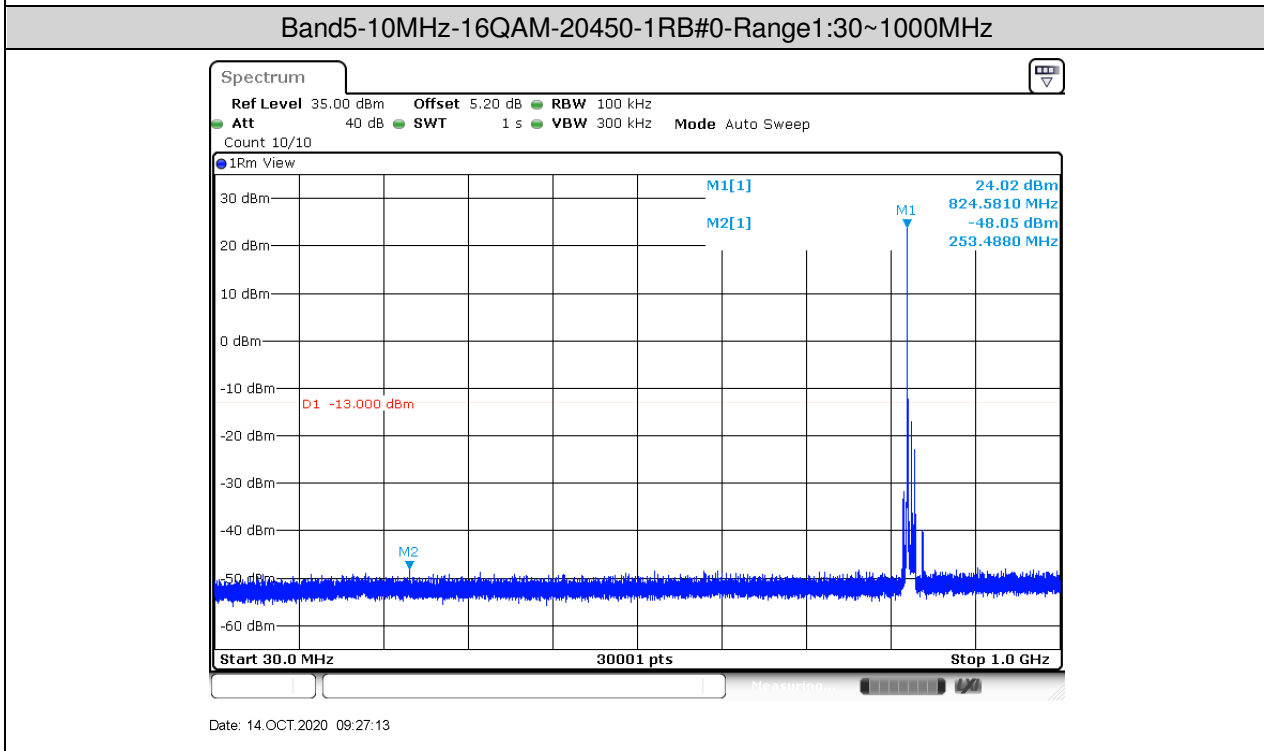
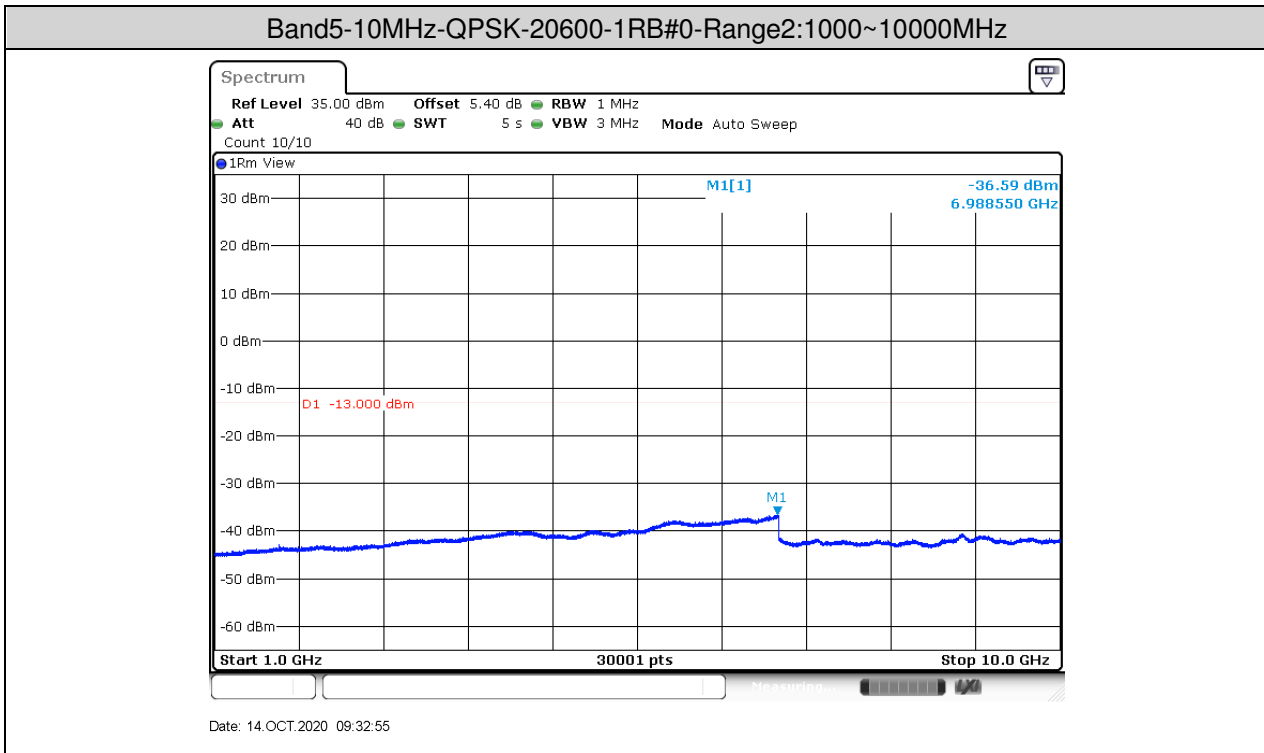
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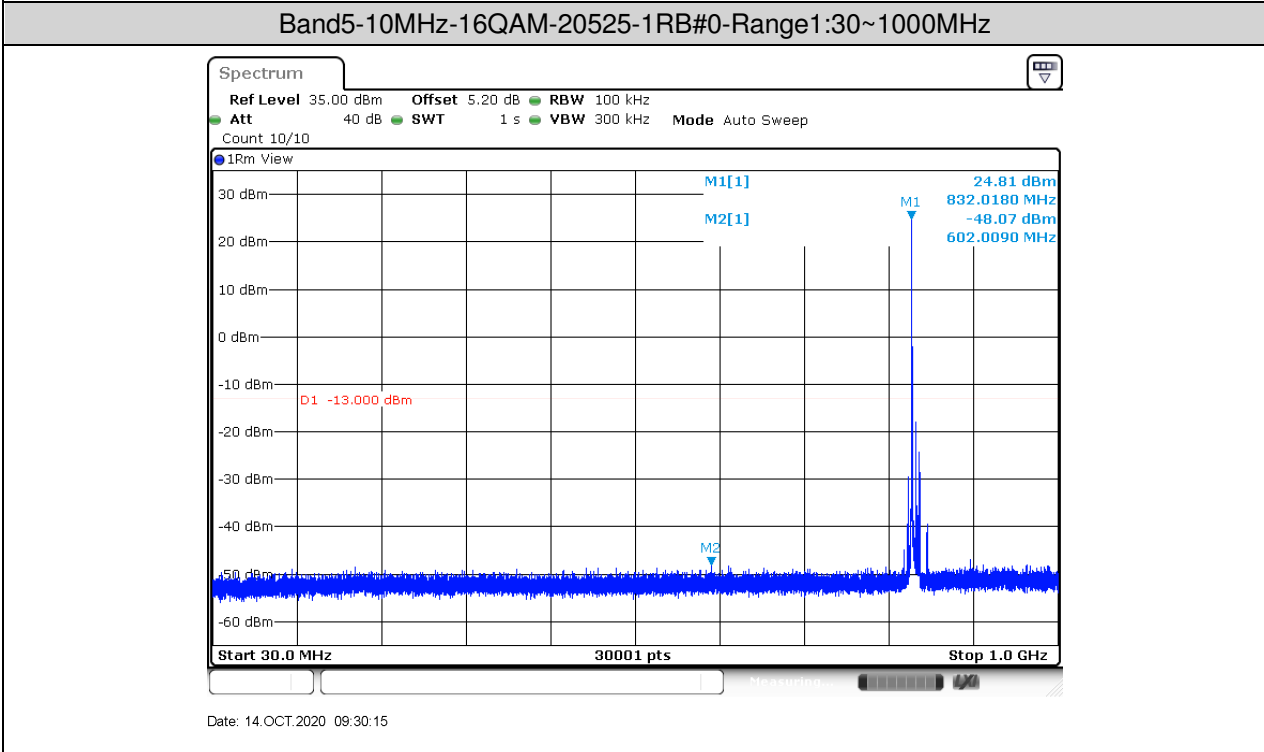
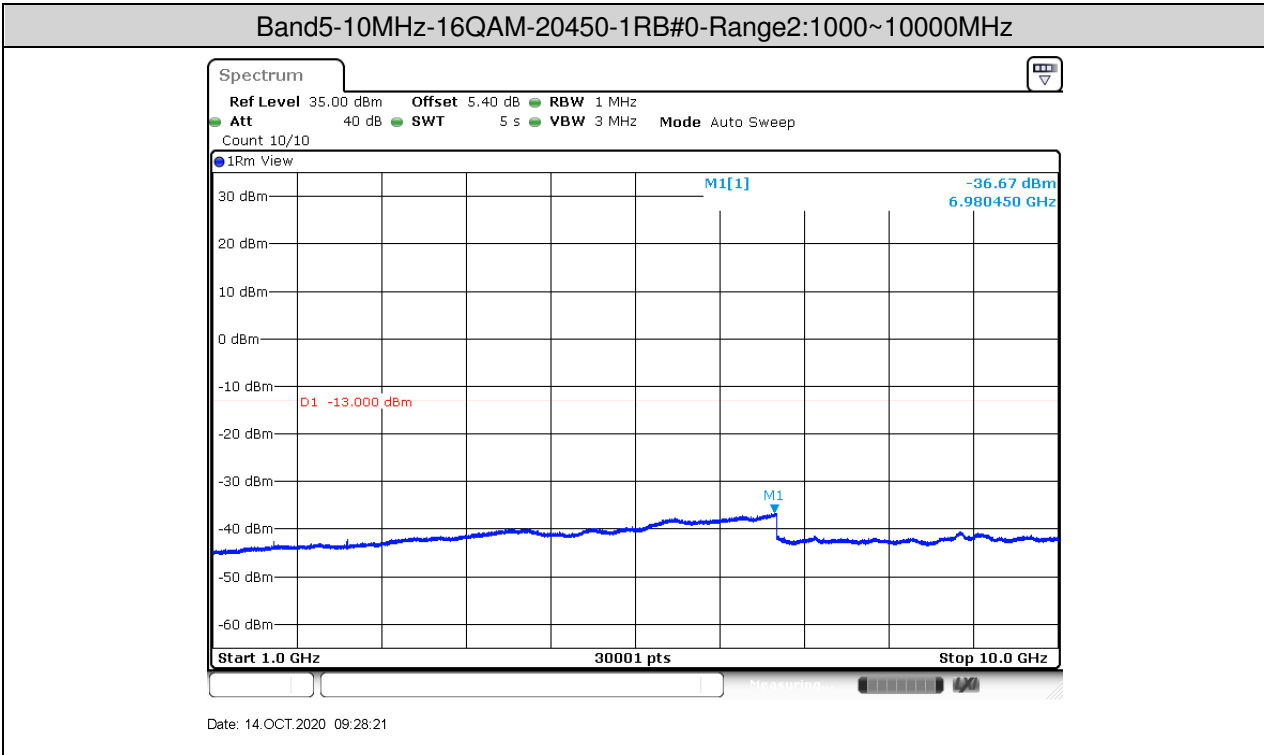
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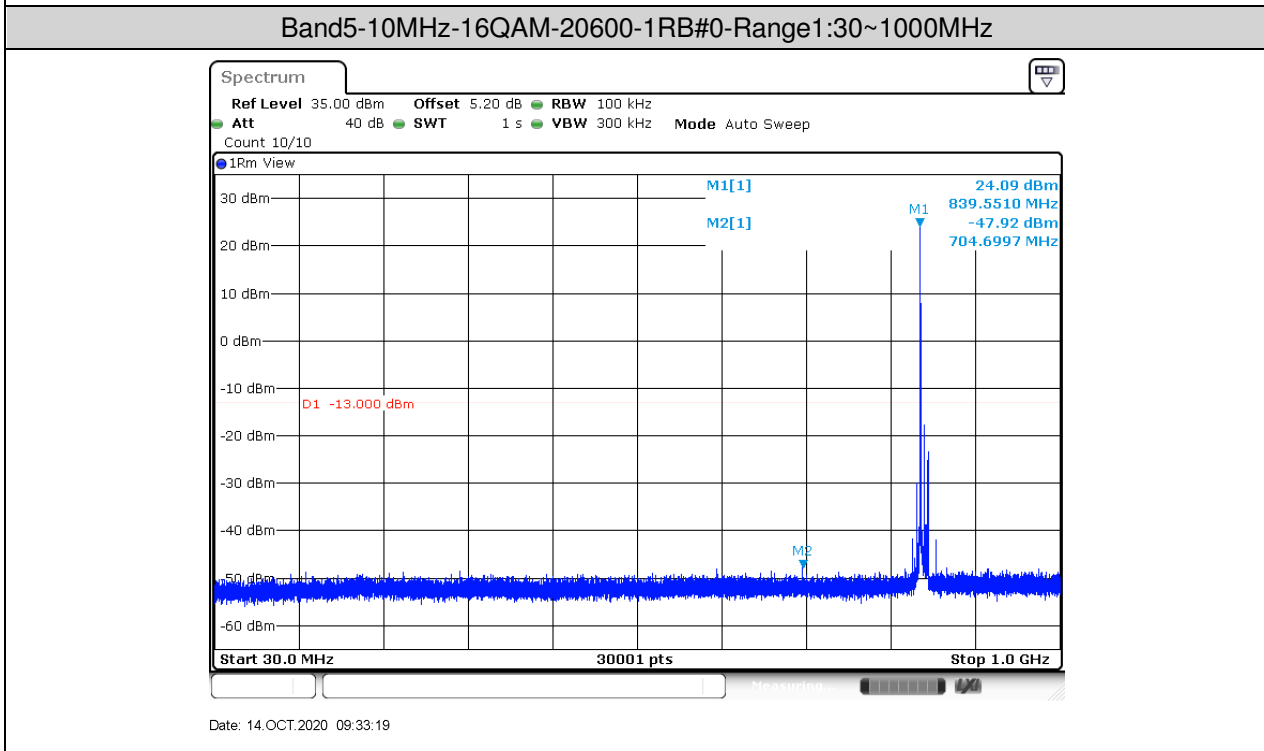
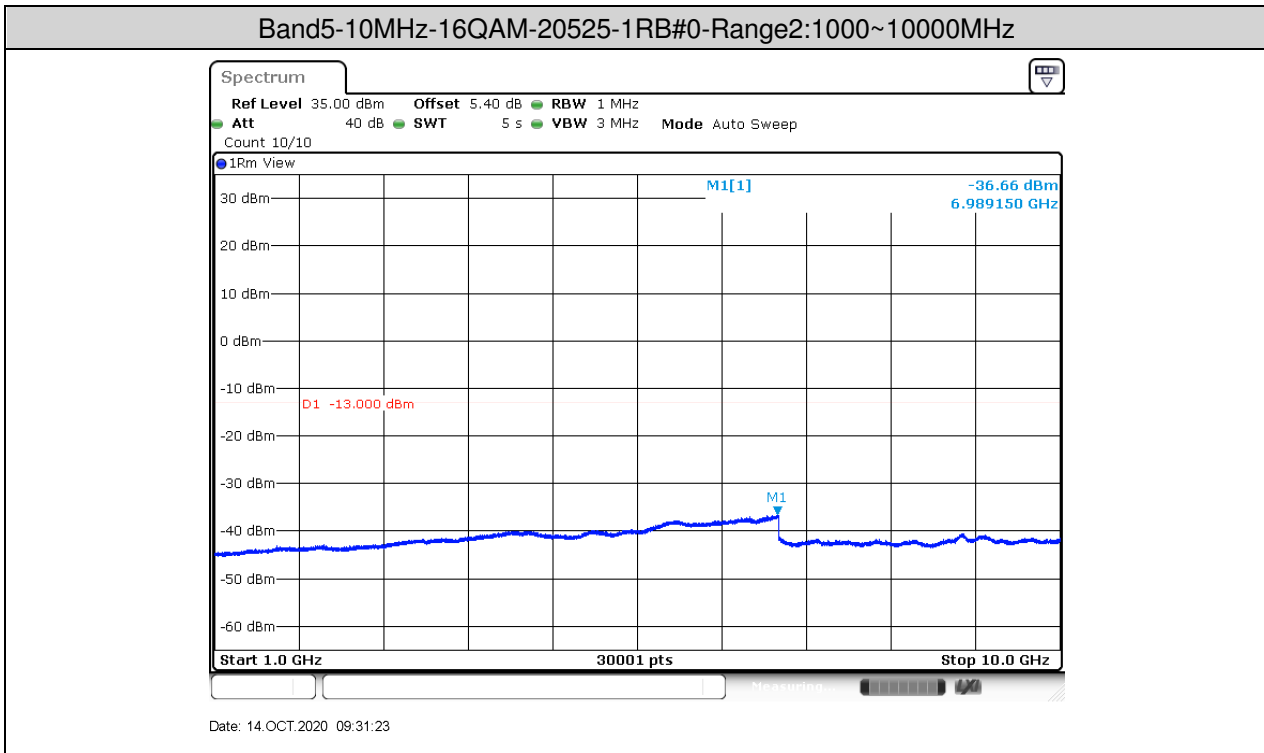
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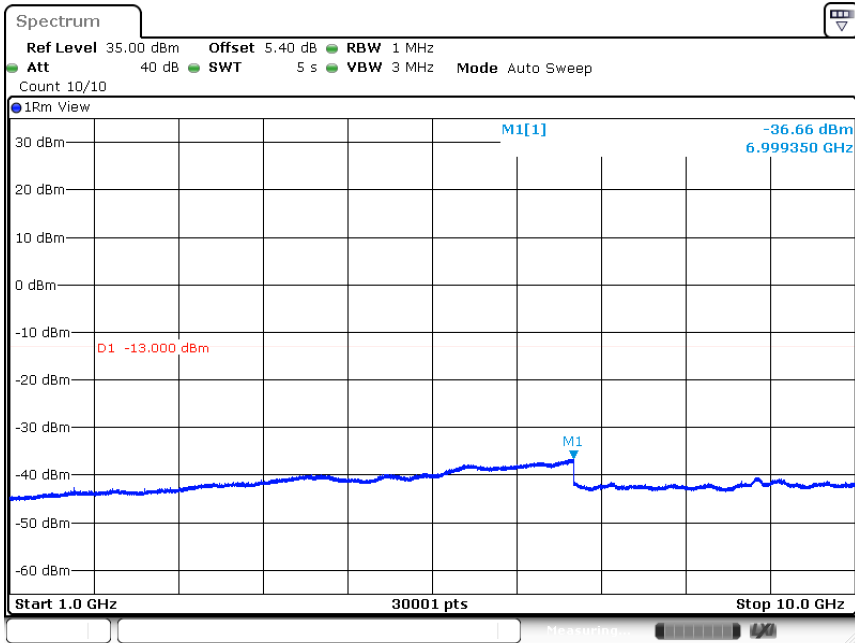


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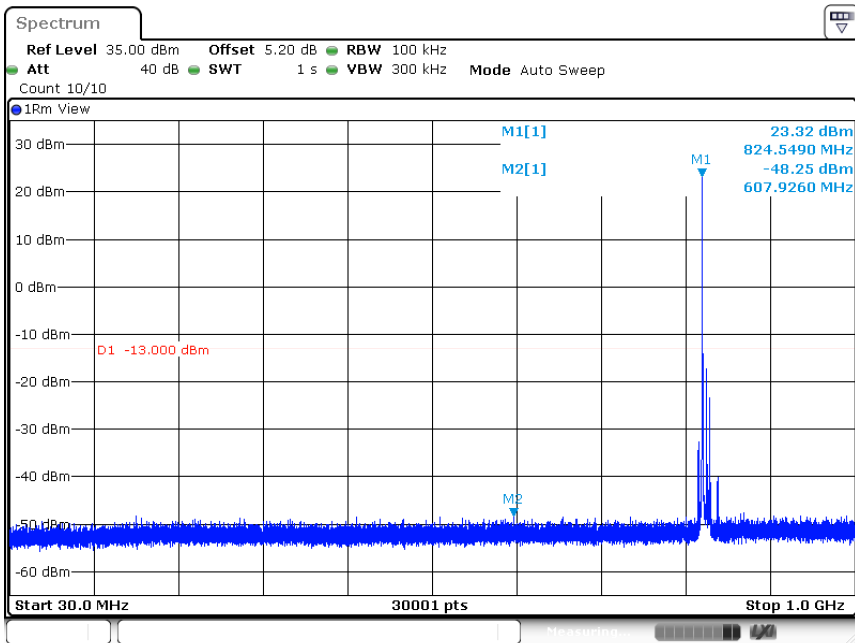
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Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 14.OCT.2020 09:34:27

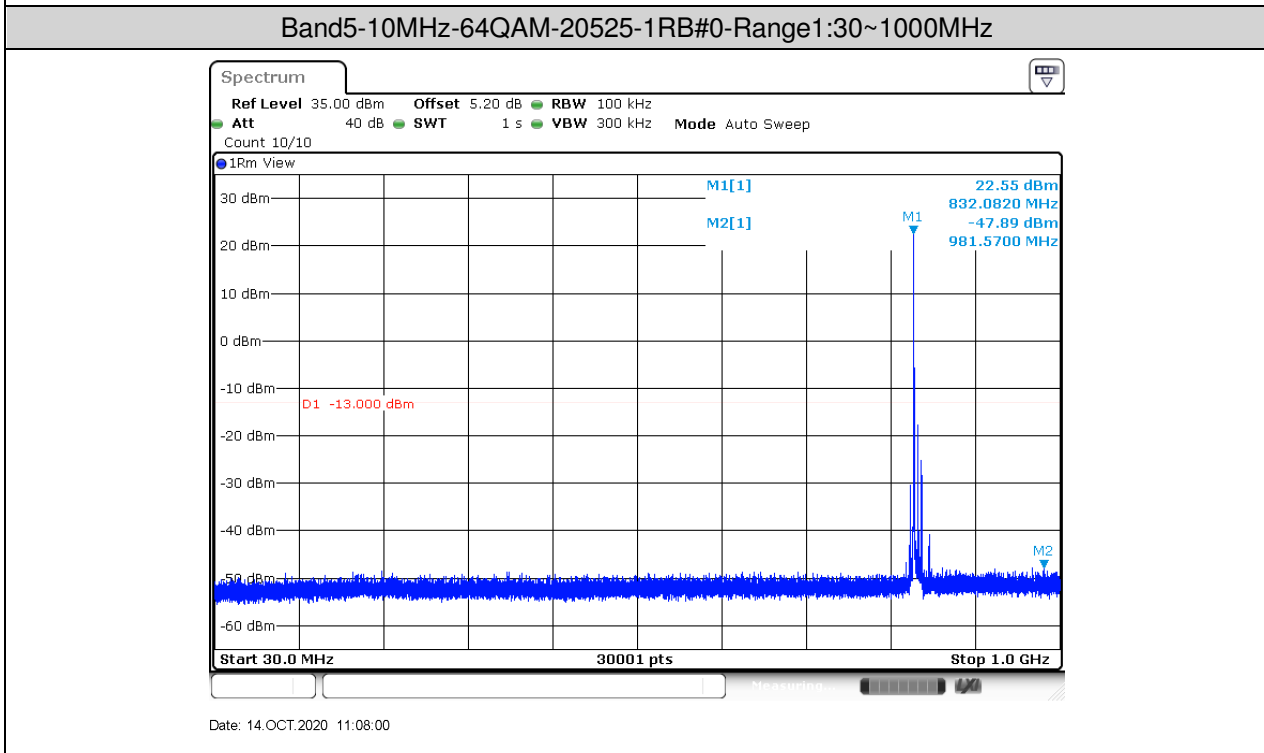
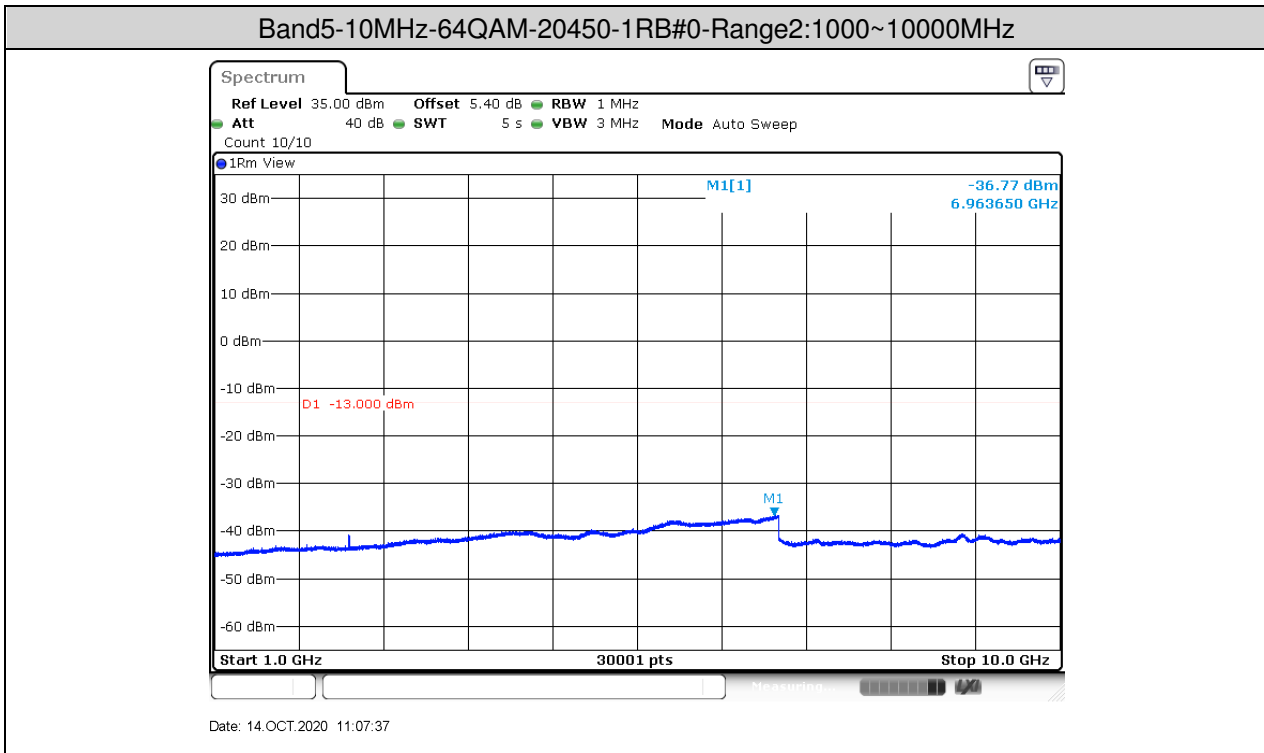
Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 11:06:28

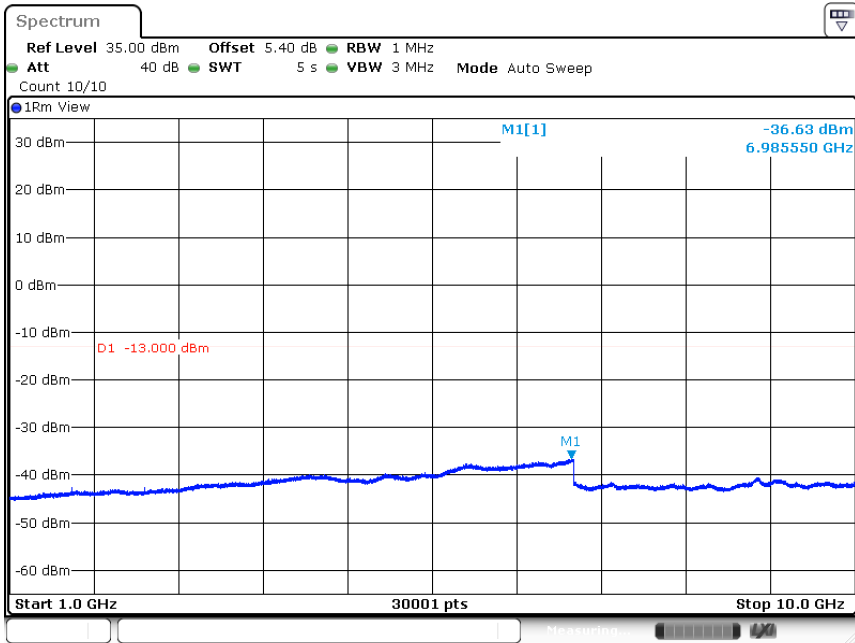


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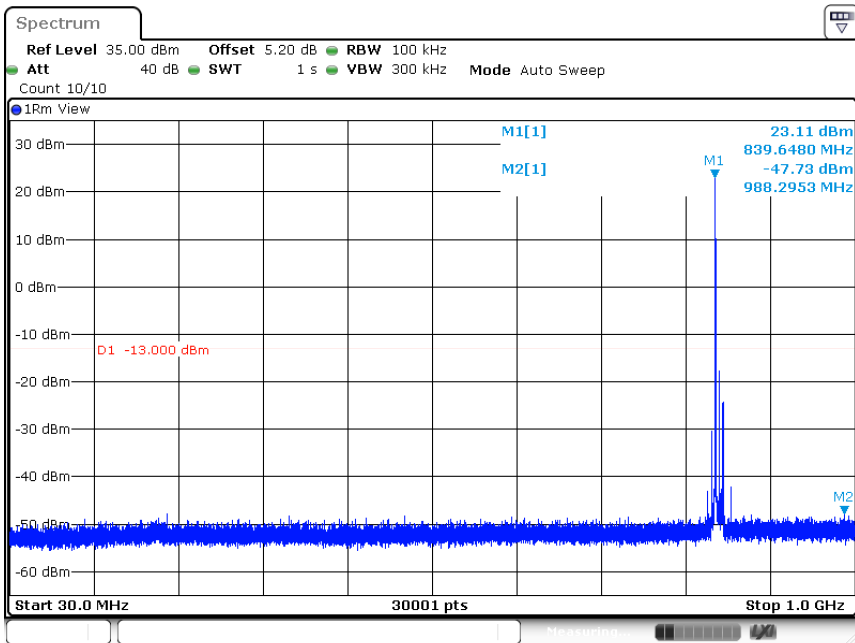
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Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~10000MHz



Date: 14.OCT.2020 11:09:08

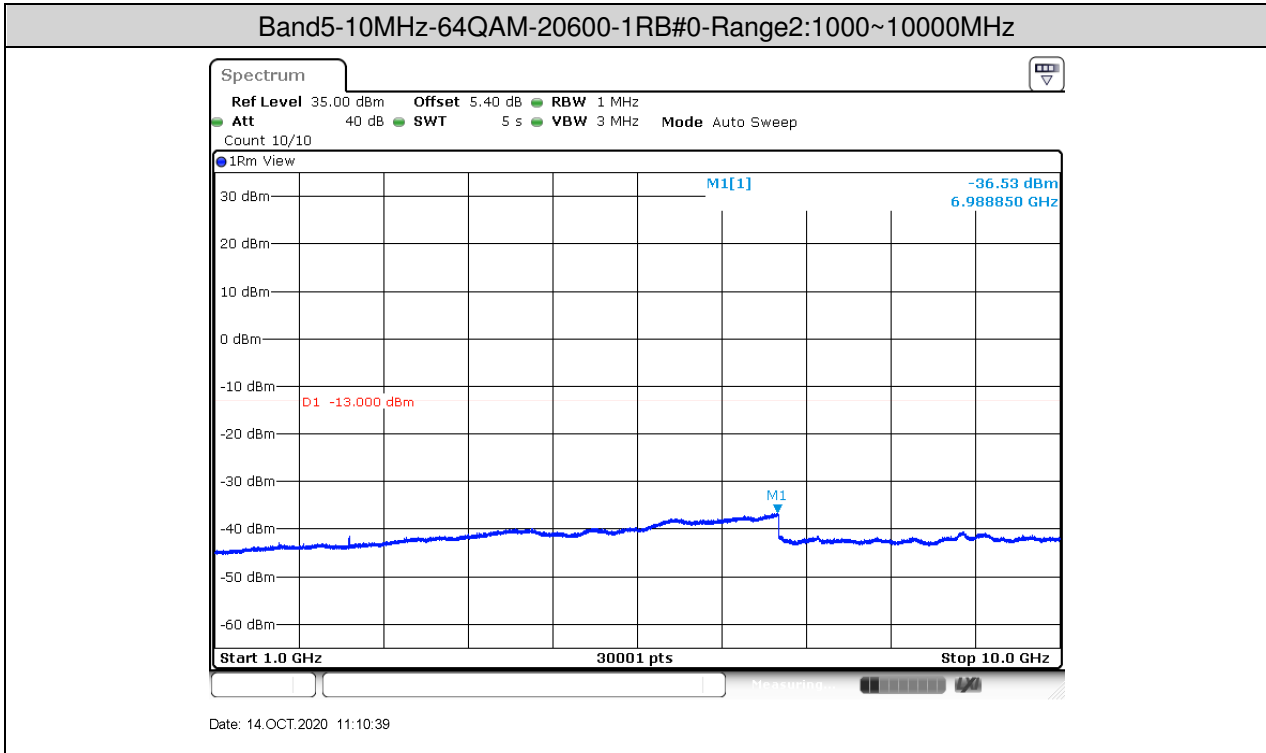
Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 11:09:31



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7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 10MHz(Ant1)

7.1.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.1940 | -74.23 | -13.00 | 61.23 | Vertical |
| 109.4470 | -63.14 | -13.00 | 50.14 | Vertical |
| 442.6586 | -64.90 | -13.00 | 51.90 | Vertical |
| 1648.9298 | -57.76 | -13.00 | 44.76 | Vertical |
| 2473.4947 | -50.90 | -13.00 | 37.90 | Vertical |
| 3496.0832 | -60.95 | -13.00 | 47.95 | Vertical |
| 41.1071 | -62.02 | -13.00 | 49.02 | Horizontal |
| 102.0261 | -73.34 | -13.00 | 60.34 | Horizontal |
| 231.7216 | -65.53 | -13.00 | 52.53 | Horizontal |
| 1649.3299 | -56.83 | -13.00 | 43.83 | Horizontal |
| 2473.8948 | -41.54 | -13.00 | 28.54 | Horizontal |
| 9303.0101 | -52.65 | -13.00 | 39.65 | Horizontal |

7.1.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.1940 | -73.74 | -13.00 | 60.74 | Vertical |
| 109.0590 | -62.74 | -13.00 | 49.74 | Vertical |
| 328.7264 | -66.35 | -13.00 | 53.35 | Vertical |
| 1664.1328 | -56.08 | -13.00 | 43.08 | Vertical |
| 2496.2993 | -51.78 | -13.00 | 38.78 | Vertical |
| 9324.7108 | -52.49 | -13.00 | 39.49 | Vertical |
| 39.8460 | -62.55 | -13.00 | 49.55 | Horizontal |
| 99.3100 | -73.27 | -13.00 | 60.27 | Horizontal |
| 239.8215 | -65.50 | -13.00 | 52.50 | Horizontal |
| 1664.1328 | -59.17 | -13.00 | 46.17 | Horizontal |
| 2496.2993 | -49.48 | -13.00 | 36.48 | Horizontal |
| 9291.1097 | -52.25 | -13.00 | 39.25 | Horizontal |



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7.1.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.9700 | -73.65 | -13.00 | 60.65 | Vertical |
| 111.8721 | -61.37 | -13.00 | 48.37 | Vertical |
| 306.7063 | -66.95 | -13.00 | 53.95 | Vertical |
| 1679.3359 | -56.66 | -13.00 | 43.66 | Vertical |
| 2518.7037 | -50.82 | -13.00 | 37.82 | Vertical |
| 9301.8434 | -52.34 | -13.00 | 39.34 | Vertical |
| 40.5735 | -61.69 | -13.00 | 48.69 | Horizontal |
| 101.7836 | -73.23 | -13.00 | 60.23 | Horizontal |
| 243.9442 | -65.26 | -13.00 | 52.26 | Horizontal |
| 1679.3359 | -59.20 | -13.00 | 46.20 | Horizontal |
| 2519.1038 | -48.38 | -13.00 | 35.38 | Horizontal |
| 9316.3105 | -52.62 | -13.00 | 39.62 | Horizontal |

7.2 Test Mode =LTE/TM1 10MHz(Ant2)

7.2.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.3395 | -73.88 | -13.00 | 60.88 | Vertical |
| 106.5853 | -63.28 | -13.00 | 50.28 | Vertical |
| 306.8518 | -66.07 | -13.00 | 53.07 | Vertical |
| 1648.9298 | -60.25 | -13.00 | 47.25 | Vertical |
| 2473.8948 | -47.04 | -13.00 | 34.04 | Vertical |
| 4122.8374 | -58.52 | -13.00 | 45.52 | Vertical |
| 39.6035 | -62.67 | -13.00 | 49.67 | Horizontal |
| 103.8207 | -73.00 | -13.00 | 60.00 | Horizontal |
| 230.4120 | -66.07 | -13.00 | 53.07 | Horizontal |
| 1648.9298 | -59.69 | -13.00 | 46.69 | Horizontal |
| 2473.8948 | -48.53 | -13.00 | 35.53 | Horizontal |
| 4122.8374 | -60.78 | -13.00 | 47.78 | Horizontal |



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7.2.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.0485 | -73.80 | -13.00 | 60.80 | Vertical |
| 105.1303 | -63.41 | -13.00 | 50.41 | Vertical |
| 390.9550 | -65.43 | -13.00 | 52.43 | Vertical |
| 1664.1328 | -59.39 | -13.00 | 46.39 | Vertical |
| 2496.2993 | -48.92 | -13.00 | 35.92 | Vertical |
| 4160.4053 | -60.13 | -13.00 | 47.13 | Vertical |
| 45.2298 | -62.44 | -13.00 | 49.44 | Horizontal |
| 80.3940 | -73.58 | -13.00 | 60.58 | Horizontal |
| 229.8785 | -64.96 | -13.00 | 51.96 | Horizontal |
| 1664.1328 | -58.50 | -13.00 | 45.50 | Horizontal |
| 2496.2993 | -49.15 | -13.00 | 36.15 | Horizontal |
| 4160.4053 | -59.69 | -13.00 | 46.69 | Horizontal |

7.2.3 Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.6305 | -74.02 | -13.00 | 61.02 | Vertical |
| 108.2829 | -62.64 | -13.00 | 49.64 | Vertical |
| 284.8802 | -67.11 | -13.00 | 54.11 | Vertical |
| 1678.9358 | -59.52 | -13.00 | 46.52 | Vertical |
| 2518.7037 | -48.85 | -13.00 | 35.85 | Vertical |
| 4198.2066 | -60.40 | -13.00 | 47.40 | Vertical |
| 42.9016 | -62.10 | -13.00 | 49.10 | Horizontal |
| 104.6452 | -73.59 | -13.00 | 60.59 | Horizontal |
| 236.2808 | -65.05 | -13.00 | 52.05 | Horizontal |
| 1678.9358 | -60.99 | -13.00 | 47.99 | Horizontal |
| 2518.7037 | -48.69 | -13.00 | 35.69 | Horizontal |
| 4197.9733 | -58.92 | -13.00 | 45.92 | Horizontal |



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Test on the worst case:

7.3 Test Mode =LTE/TM1 10MHz(Ant1)

7.2.1 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.4850 | -72.11 | -13.00 | 59.11 | Vertical |
| 112.0661 | -61.97 | -13.00 | 48.97 | Vertical |
| 338.1359 | -64.66 | -13.00 | 51.66 | Vertical |
| 1648.9298 | -55.11 | -13.00 | 42.11 | Vertical |
| 2473.8948 | -48.93 | -13.00 | 35.93 | Vertical |
| 9348.5116 | -53.18 | -13.00 | 40.18 | Vertical |
| 42.6106 | -61.80 | -13.00 | 48.80 | Horizontal |
| 102.0261 | -72.30 | -13.00 | 59.30 | Horizontal |
| 237.6874 | -64.88 | -13.00 | 51.88 | Horizontal |
| 1648.9298 | -53.24 | -13.00 | 40.24 | Horizontal |
| 2473.4947 | -45.58 | -13.00 | 32.58 | Horizontal |
| 9570.4190 | -53.64 | -13.00 | 40.64 | Horizontal |

7.4 Test Mode =LTE/TM1 10MHz(Ant2)

7.2.1 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.2910 | -73.18 | -13.00 | 60.18 | Vertical |
| 112.3086 | -61.60 | -13.00 | 48.60 | Vertical |
| 477.9684 | -63.64 | -13.00 | 50.64 | Vertical |
| 1664.1328 | -51.22 | -13.00 | 38.22 | Vertical |
| 2496.2993 | -50.47 | -13.00 | 37.47 | Vertical |
| 9892.8964 | -52.68 | -13.00 | 39.68 | Vertical |
| 43.8232 | -61.17 | -13.00 | 48.17 | Horizontal |
| 99.1160 | -72.91 | -13.00 | 59.91 | Horizontal |
| 239.0940 | -64.70 | -13.00 | 51.70 | Horizontal |
| 1664.1328 | -48.76 | -13.00 | 35.76 | Horizontal |
| 2496.2993 | -46.40 | -13.00 | 33.40 | Horizontal |
| 9318.4106 | -52.96 | -13.00 | 39.96 | Horizontal |



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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 | | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| | | | | | Voltage [Vdc] | Temperature (°C) | | | | |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VL | NT | 2.30 | 0.002774 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VN | NT | 0.90 | 0.001086 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | VH | NT | 0.50 | 0.000603 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VL | NT | 0.70 | 0.000837 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VN | NT | -1.00 | -0.001195 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | VH | NT | 2.10 | 0.002510 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VL | NT | -0.30 | -0.000355 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VN | NT | 0.10 | 0.000118 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | VH | NT | 0.60 | 0.000711 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VL | NT | 1.70 | 0.002051 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VN | NT | -0.60 | -0.000724 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | VH | NT | 3.60 | 0.004343 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VL | NT | 0.80 | 0.000956 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VN | NT | -1.20 | -0.001435 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | VH | NT | -1.00 | -0.001195 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VL | NT | 1.60 | 0.001896 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VN | NT | 0.30 | 0.000355 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | VH | NT | 2.40 | 0.002844 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | VL | NT | -2.20 | -0.002654 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | VN | NT | -1.30 | -0.001568 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | VH | NT | 2.60 | 0.003136 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | VL | NT | 1.80 | 0.002152 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | VN | NT | 0.20 | 0.000239 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | VH | NT | 0.60 | 0.000717 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | VL | NT | 1.10 | 0.001303 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | VN | NT | 3.00 | 0.003555 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | VH | NT | -0.20 | -0.000237 | ±2.5 | PASS |



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8.2 Frequency Vs Temperature

| 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 | -0.60 | -0.000724 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | -20 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | -10 | 0.60 | 0.000724 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 0 | 0.20 | 0.000241 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 10 | 2.70 | 0.003257 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 20 | 2.50 | 0.003016 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 30 | -0.20 | -0.000241 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 40 | 1.30 | 0.001568 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | NV | 50 | 0.20 | 0.000241 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -30 | 0.80 | 0.000956 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -20 | -0.50 | -0.000598 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | -10 | -1.90 | -0.002271 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 0 | -0.70 | -0.000837 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 10 | 0.80 | 0.000956 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 20 | -1.00 | -0.001195 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 30 | 2.70 | 0.003228 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 40 | -0.30 | -0.000359 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | NV | 50 | 0.90 | 0.001076 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -30 | 0.80 | 0.000948 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -20 | 0.90 | 0.001066 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | -10 | -1.40 | -0.001659 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 0 | 0.10 | 0.000118 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 10 | -1.00 | -0.001185 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 20 | 0.10 | 0.000118 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 30 | 1.60 | 0.001896 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 40 | 0.50 | 0.000592 | ±2.5 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | NV | 50 | -0.20 | -0.000237 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -30 | -1.30 | -0.001568 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -20 | 0.60 | 0.000724 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | -10 | 3.60 | 0.004343 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 0 | 2.10 | 0.002533 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 10 | 1.40 | 0.001689 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 20 | 2.50 | 0.003016 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 30 | 0.80 | 0.000965 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 40 | -1.10 | -0.001327 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | NV | 50 | 1.70 | 0.002051 | ±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 | -20 | -0.70 | -0.000837 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | -10 | -0.80 | -0.000956 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 0 | 2.70 | 0.003228 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 10 | 3.00 | 0.003586 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 20 | 1.80 | 0.002152 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 30 | -2.00 | -0.002391 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 40 | -0.80 | -0.000956 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | NV | 50 | 0.30 | 0.000359 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -30 | -1.00 | -0.001185 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -20 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | -10 | 0.50 | 0.000592 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 0 | 2.60 | 0.003081 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 10 | 1.00 | 0.001185 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 20 | -1.50 | -0.001777 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 30 | -1.60 | -0.001896 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 40 | 0.10 | 0.000118 | ±2.5 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | NV | 50 | 1.80 | 0.002133 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -30 | -1.90 | -0.002292 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -20 | 0.10 | 0.000121 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | -10 | 3.40 | 0.004101 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 0 | -0.50 | -0.000603 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 10 | 1.80 | 0.002171 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 20 | 0.10 | 0.000121 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 30 | -1.30 | -0.001568 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 40 | 0.90 | 0.001086 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | NV | 50 | -0.40 | -0.000483 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -30 | 0.10 | 0.000120 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -20 | 0.70 | 0.000837 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | -10 | 0.30 | 0.000359 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 0 | -0.30 | -0.000359 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 10 | -0.20 | -0.000239 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 20 | -3.20 | -0.003825 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 30 | 0.50 | 0.000598 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|--------|----|-----|-------|-----------|------|------|
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 40 | -1.30 | -0.001554 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | NV | 50 | -0.40 | -0.000478 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -30 | -0.90 | -0.001066 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -20 | 2.50 | 0.002962 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | -10 | -1.00 | -0.001185 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 0 | -0.60 | -0.000711 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 10 | -1.00 | -0.001185 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 20 | -0.10 | -0.000118 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 30 | 1.40 | 0.001659 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 40 | -0.60 | -0.000711 | ±2.5 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | NV | 50 | 1.90 | 0.002251 | ±2.5 | PASS |

The End



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