



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT1:

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 23.89 | 23.29 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 24.04 | 23.44 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 23.94 | 23.34 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 23.15 | 22.55 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 23.12 | 22.52 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#13 | 23.20 | 22.60 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 23.16 | 22.56 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 23.97 | 23.37 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 23.98 | 23.38 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 24.07 | 23.47 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 23.17 | 22.57 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 23.22 | 22.62 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#13 | 23.21 | 22.61 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 23.13 | 22.53 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 24.08 | 23.48 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 24.08 | 23.48 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 23.94 | 23.34 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#13 | 23.16 | 22.56 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 23.18 | 22.58 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 23.13 | 22.53 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 23.13 | 22.53 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | 22.17 | 21.57 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24 | 22.11 | 21.51 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#12 | 22.25 | 21.65 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#0 | 21.19 | 20.59 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#6 | 21.88 | 21.28 | 33.00 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 64QAM | 20775 | 12RB#13 | 21.89 | 21.29 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 21.18 | 20.58 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | 22.16 | 21.56 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12 | 22.15 | 21.55 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24 | 22.13 | 21.53 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#13 | 21.61 | 21.01 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#6 | 20.97 | 20.37 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#0 | 21.16 | 20.56 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 21.70 | 21.10 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | 22.07 | 21.47 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#12 | 22.24 | 21.64 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24 | 22.23 | 21.63 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#0 | 21.25 | 20.65 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#6 | 21.69 | 21.09 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#13 | 21.90 | 21.30 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 21.12 | 20.52 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 23.53 | 22.93 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 23.57 | 22.97 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12 | 23.51 | 22.91 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 22.08 | 21.48 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6 | 22.13 | 21.53 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0 | 22.16 | 21.56 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 22.04 | 21.44 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 23.20 | 22.60 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12 | 23.07 | 22.47 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 23.28 | 22.68 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0 | 22.18 | 21.58 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6 | 22.28 | 21.68 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 22.21 | 21.61 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 22.14 | 21.54 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 23.62 | 23.02 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 23.13 | 22.53 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12 | 23.59 | 22.99 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0 | 22.21 | 21.61 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#6 | 22.25 | 21.65 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#13 | 22.17 | 21.57 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 22.23 | 21.63 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 24.02 | 23.42 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 23.97 | 23.37 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 24.00 | 23.40 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#12 | 23.00 | 22.40 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 23.17 | 22.57 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#25 | 23.04 | 22.44 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 23.24 | 22.64 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 23.95 | 23.35 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 24.03 | 23.43 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 24.01 | 23.41 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#25 | 23.07 | 22.47 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 23.22 | 22.62 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#12 | 23.23 | 22.63 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 23.09 | 22.49 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 24.02 | 23.42 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 24.05 | 23.45 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 24.07 | 23.47 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#25 | 23.21 | 22.61 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 23.23 | 22.63 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#12 | 23.22 | 22.62 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 23.17 | 22.57 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24 | 21.97 | 21.37 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49 | 21.97 | 21.37 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | 21.89 | 21.29 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#0 | 21.97 | 21.37 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#12 | 21.17 | 20.57 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#25 | 21.40 | 20.80 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 21.65 | 21.05 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49 | 22.04 | 21.44 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | 21.99 | 21.39 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24 | 21.87 | 21.27 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#0 | 21.86 | 21.26 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#12 | 21.70 | 21.10 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#25 | 21.95 | 21.35 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 21.59 | 20.99 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | 21.96 | 21.36 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49 | 21.90 | 21.30 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24 | 21.90 | 21.30 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#25 | 21.12 | 20.52 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#0 | 20.97 | 20.37 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#12 | 21.48 | 20.88 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 20.78 | 20.18 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 23.02 | 22.42 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24 | 22.96 | 22.36 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 23.30 | 22.70 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 22.08 | 21.48 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0 | 22.04 | 21.44 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 22.15 | 21.55 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 22.07 | 21.47 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 22.95 | 22.35 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 23.50 | 22.90 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24 | 23.32 | 22.72 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0 | 22.00 | 21.40 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 22.26 | 21.66 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 22.23 | 21.63 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 22.24 | 21.64 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 23.34 | 22.74 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 23.08 | 22.48 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 23.59 | 22.99 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0 | 22.19 | 21.59 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 22.23 | 21.63 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 22.25 | 21.65 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 22.22 | 21.62 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 23.87 | 23.27 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 23.97 | 23.37 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 24.06 | 23.46 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#39 | 22.87 | 22.27 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#18 | 23.02 | 22.42 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#0 | 23.04 | 22.44 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 23.02 | 22.42 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 23.82 | 23.22 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 23.94 | 23.34 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 24.04 | 23.44 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#0 | 22.96 | 22.36 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#18 | 23.02 | 22.42 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#39 | 23.07 | 22.47 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 23.01 | 22.41 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 23.88 | 23.28 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 23.96 | 23.36 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 23.86 | 23.26 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#0 | 23.09 | 22.49 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#18 | 23.13 | 22.53 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#39 | 23.07 | 22.47 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 23.09 | 22.49 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74 | 21.94 | 21.34 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38 | 21.97 | 21.37 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | 21.88 | 21.28 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#0 | 20.82 | 20.22 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#18 | 21.72 | 21.12 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#39 | 20.95 | 20.35 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 21.01 | 20.41 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38 | 22.06 | 21.46 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74 | 21.94 | 21.34 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | 21.85 | 21.25 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#39 | 21.20 | 20.60 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | 64QAM | 21100 | 36RB#0 | 21.97 | 21.37 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#18 | 20.87 | 20.27 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 21.57 | 20.97 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | 21.89 | 21.29 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38 | 22.05 | 21.45 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74 | 21.85 | 21.25 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#18 | 21.43 | 20.83 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#0 | 21.46 | 20.86 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#39 | 21.88 | 21.28 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 21.56 | 20.96 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 23.07 | 22.47 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 23.12 | 22.52 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 23.45 | 22.85 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0 | 21.83 | 21.23 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 22.07 | 21.47 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 22.14 | 21.54 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 22.03 | 21.43 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 23.40 | 22.80 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 23.59 | 22.99 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 23.25 | 22.65 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0 | 22.02 | 21.42 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 22.06 | 21.46 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 22.13 | 21.53 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 21.92 | 21.32 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 23.02 | 22.42 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 23.38 | 22.78 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 23.15 | 22.55 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0 | 22.02 | 21.42 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 22.12 | 21.52 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 22.09 | 21.49 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 22.21 | 21.61 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 23.67 | 23.07 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 23.83 | 23.23 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 24.53 | 23.93 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#25 | 22.82 | 22.22 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 23.01 | 22.41 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#50 | 22.94 | 22.34 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 22.98 | 22.38 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 23.86 | 23.26 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 24.06 | 23.46 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 24.02 | 23.42 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 22.94 | 22.34 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#25 | 23.04 | 22.44 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#50 | 23.04 | 22.44 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 22.91 | 22.31 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 23.90 | 23.30 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 23.83 | 23.23 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 23.89 | 23.29 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#25 | 23.01 | 22.41 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 23.14 | 22.54 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#50 | 23.07 | 22.47 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 23.03 | 22.43 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 22.00 | 21.40 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49 | 22.06 | 21.46 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99 | 21.93 | 21.33 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 21.24 | 20.64 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0 | 20.83 | 20.23 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 20.91 | 20.31 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 21.15 | 20.55 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 22.04 | 21.44 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49 | 22.04 | 21.44 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99 | 22.08 | 21.48 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0 | 21.18 | 20.58 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 20.91 | 20.31 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 21.58 | 20.98 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 21.80 | 21.20 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99 | 21.88 | 21.28 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 21.92 | 21.32 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49 | 22.03 | 21.43 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0 | 20.84 | 20.24 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 21.73 | 21.13 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 20.84 | 20.24 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 21.56 | 20.96 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 23.02 | 22.42 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 23.12 | 22.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 23.42 | 22.82 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0 | 21.88 | 21.28 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 22.02 | 21.42 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 22.10 | 21.50 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 22.03 | 21.43 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 23.05 | 22.45 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 23.34 | 22.74 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 23.23 | 22.63 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0 | 21.89 | 21.29 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 21.96 | 21.36 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 21.82 | 21.22 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 21.98 | 21.38 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 23.40 | 22.80 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 23.23 | 22.63 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49 | 23.25 | 22.65 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 22.05 | 21.45 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 22.07 | 21.47 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0 | 22.19 | 21.59 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 22.08 | 21.48 | 33.00 | PASS |

ANT5:

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 18.84 | 17.34 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 18.91 | 17.41 | 33.00 | PASS |



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|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 18.77 | 17.27 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 18.01 | 16.51 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 17.94 | 16.44 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#13 | 17.98 | 16.48 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 17.96 | 16.46 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 18.84 | 17.34 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 18.92 | 17.42 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 18.94 | 17.44 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 18.01 | 16.51 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 18.06 | 16.56 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#13 | 18.01 | 16.51 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 18.00 | 16.5 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 18.94 | 17.44 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 18.87 | 17.37 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 18.83 | 17.33 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#13 | 17.99 | 16.49 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 18.01 | 16.51 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 17.96 | 16.46 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 18.01 | 16.51 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | 16.65 | 15.15 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24 | 16.97 | 15.47 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#12 | 16.90 | 15.4 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#0 | 15.82 | 14.32 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#6 | 16.05 | 14.55 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#13 | 16.05 | 14.55 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 16.04 | 14.54 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | 16.86 | 15.36 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12 | 16.80 | 15.3 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24 | 16.89 | 15.39 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#13 | 15.80 | 14.3 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#6 | 15.90 | 14.4 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#0 | 15.79 | 14.29 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 15.89 | 14.39 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | 16.75 | 15.25 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#12 | 16.76 | 15.26 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24 | 16.97 | 15.47 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#0 | 15.97 | 14.47 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#6 | 15.77 | 14.27 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#13 | 15.94 | 14.44 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 15.78 | 14.28 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 18.39 | 16.89 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 18.48 | 16.98 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12 | 18.40 | 16.9 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 16.99 | 15.49 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6 | 16.94 | 15.44 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0 | 17.04 | 15.54 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 16.97 | 15.47 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 18.22 | 16.72 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12 | 18.46 | 16.96 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 18.38 | 16.88 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0 | 17.02 | 15.52 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6 | 16.96 | 15.46 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 17.07 | 15.57 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 16.90 | 15.4 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 18.45 | 16.95 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 18.10 | 16.6 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12 | 18.48 | 16.98 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0 | 16.95 | 15.45 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#6 | 17.03 | 15.53 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#13 | 17.01 | 15.51 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 17.06 | 15.56 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 18.96 | 17.46 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 18.81 | 17.31 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 18.92 | 17.42 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#12 | 17.89 | 16.39 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 18.02 | 16.52 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | QPSK | 20800 | 25RB#25 | 17.95 | 16.45 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 18.04 | 16.54 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 18.91 | 17.41 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 18.94 | 17.44 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 18.93 | 17.43 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#25 | 17.94 | 16.44 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 17.96 | 16.46 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#12 | 18.07 | 16.57 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 17.99 | 16.49 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 18.95 | 17.45 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 18.96 | 17.46 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 18.96 | 17.46 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#25 | 17.97 | 16.47 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 18.07 | 16.57 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#12 | 18.03 | 16.53 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 18.11 | 16.61 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24 | 16.65 | 15.15 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49 | 16.83 | 15.33 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | 16.85 | 15.35 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#0 | 15.91 | 14.41 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#12 | 15.97 | 14.47 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#25 | 15.99 | 14.49 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 15.87 | 14.37 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49 | 16.99 | 15.49 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | 16.76 | 15.26 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24 | 16.73 | 15.23 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#0 | 16.08 | 14.58 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#12 | 15.84 | 14.34 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#25 | 15.88 | 14.38 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 15.86 | 14.36 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | 16.98 | 15.48 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49 | 16.90 | 15.4 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24 | 16.74 | 15.24 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | 64QAM | 21400 | 25RB#25 | 15.88 | 14.38 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#0 | 16.03 | 14.53 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#12 | 15.84 | 14.34 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 15.75 | 14.25 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 18.40 | 16.9 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24 | 18.37 | 16.87 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 18.47 | 16.97 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 16.97 | 15.47 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0 | 17.06 | 15.56 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 17.12 | 15.62 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 16.94 | 15.44 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 18.46 | 16.96 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 18.39 | 16.89 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24 | 18.03 | 16.53 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0 | 16.97 | 15.47 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 17.04 | 15.54 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 17.07 | 15.57 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 16.99 | 15.49 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 18.43 | 16.93 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 18.48 | 16.98 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 18.58 | 17.08 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0 | 17.02 | 15.52 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 17.12 | 15.62 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 17.08 | 15.58 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 16.87 | 15.37 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 18.82 | 17.32 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 18.81 | 17.31 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 18.84 | 17.34 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#39 | 17.83 | 16.33 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#18 | 17.89 | 16.39 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#0 | 17.92 | 16.42 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 17.86 | 16.36 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 18.70 | 17.2 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 18.76 | 17.26 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 18.91 | 17.41 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#0 | 17.89 | 16.39 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#18 | 17.84 | 16.34 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#39 | 17.95 | 16.45 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 17.78 | 16.28 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 18.78 | 17.28 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 18.79 | 17.29 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 18.71 | 17.21 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#0 | 17.88 | 16.38 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#18 | 17.98 | 16.48 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#39 | 17.97 | 16.47 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 18.00 | 16.5 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74 | 17.00 | 15.5 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38 | 16.75 | 15.25 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | 16.71 | 15.21 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#0 | 15.87 | 14.37 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#18 | 15.93 | 14.43 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#39 | 15.96 | 14.46 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 15.86 | 14.36 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38 | 16.85 | 15.35 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74 | 16.84 | 15.34 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | 16.76 | 15.26 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#39 | 15.98 | 14.48 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#0 | 15.77 | 14.27 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#18 | 16.05 | 14.55 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 15.96 | 14.46 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | 16.73 | 15.23 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38 | 16.90 | 15.4 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74 | 16.98 | 15.48 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#18 | 15.91 | 14.41 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#0 | 15.96 | 14.46 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#39 | 15.75 | 14.25 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 16.05 | 14.55 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 17.99 | 16.49 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 18.35 | 16.85 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 18.43 | 16.93 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0 | 16.83 | 15.33 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 16.93 | 15.43 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 16.95 | 15.45 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 16.87 | 15.37 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 18.21 | 16.71 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 18.34 | 16.84 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 18.44 | 16.94 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0 | 16.87 | 15.37 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 16.89 | 15.39 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 16.93 | 15.43 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 16.83 | 15.33 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 18.28 | 16.78 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 17.83 | 16.33 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 17.96 | 16.46 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0 | 16.94 | 15.44 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 17.00 | 15.5 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 16.93 | 15.43 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 16.93 | 15.43 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 18.88 | 17.38 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 18.85 | 17.35 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 18.97 | 17.47 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#25 | 17.88 | 16.38 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 17.92 | 16.42 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#50 | 17.98 | 16.48 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 17.90 | 16.4 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 18.79 | 17.29 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 18.80 | 17.3 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 18.85 | 17.35 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 17.80 | 16.3 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK | 21100 | 50RB#25 | 17.83 | 16.33 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#50 | 17.92 | 16.42 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 17.85 | 16.35 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 18.71 | 17.21 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 18.74 | 17.24 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 18.88 | 17.38 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#25 | 17.81 | 16.31 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 17.88 | 16.38 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#50 | 17.95 | 16.45 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 17.85 | 16.35 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 16.98 | 15.48 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49 | 16.85 | 15.35 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99 | 16.87 | 15.37 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 15.87 | 14.37 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0 | 16.04 | 14.54 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 15.80 | 14.3 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 15.84 | 14.34 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 16.83 | 15.33 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49 | 16.74 | 15.24 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99 | 16.92 | 15.42 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0 | 16.06 | 14.56 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 16.02 | 14.52 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 15.87 | 14.37 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 15.87 | 14.37 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99 | 16.91 | 15.41 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 16.89 | 15.39 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49 | 16.76 | 15.26 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0 | 16.07 | 14.57 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 15.96 | 14.46 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 15.88 | 14.38 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 16.02 | 14.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 18.03 | 16.53 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 18.15 | 16.65 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 18.06 | 16.56 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0 | 16.89 | 15.39 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 16.89 | 15.39 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 16.92 | 15.42 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 16.85 | 15.35 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 18.36 | 16.86 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 18.37 | 16.87 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 18.01 | 16.51 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0 | 16.80 | 15.3 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 16.78 | 15.28 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 16.95 | 15.45 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 16.85 | 15.35 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 18.25 | 16.75 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 18.36 | 16.86 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49 | 17.94 | 16.44 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 16.89 | 15.39 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 16.86 | 15.36 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0 | 16.93 | 15.43 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 16.94 | 15.44 | 33.00 | 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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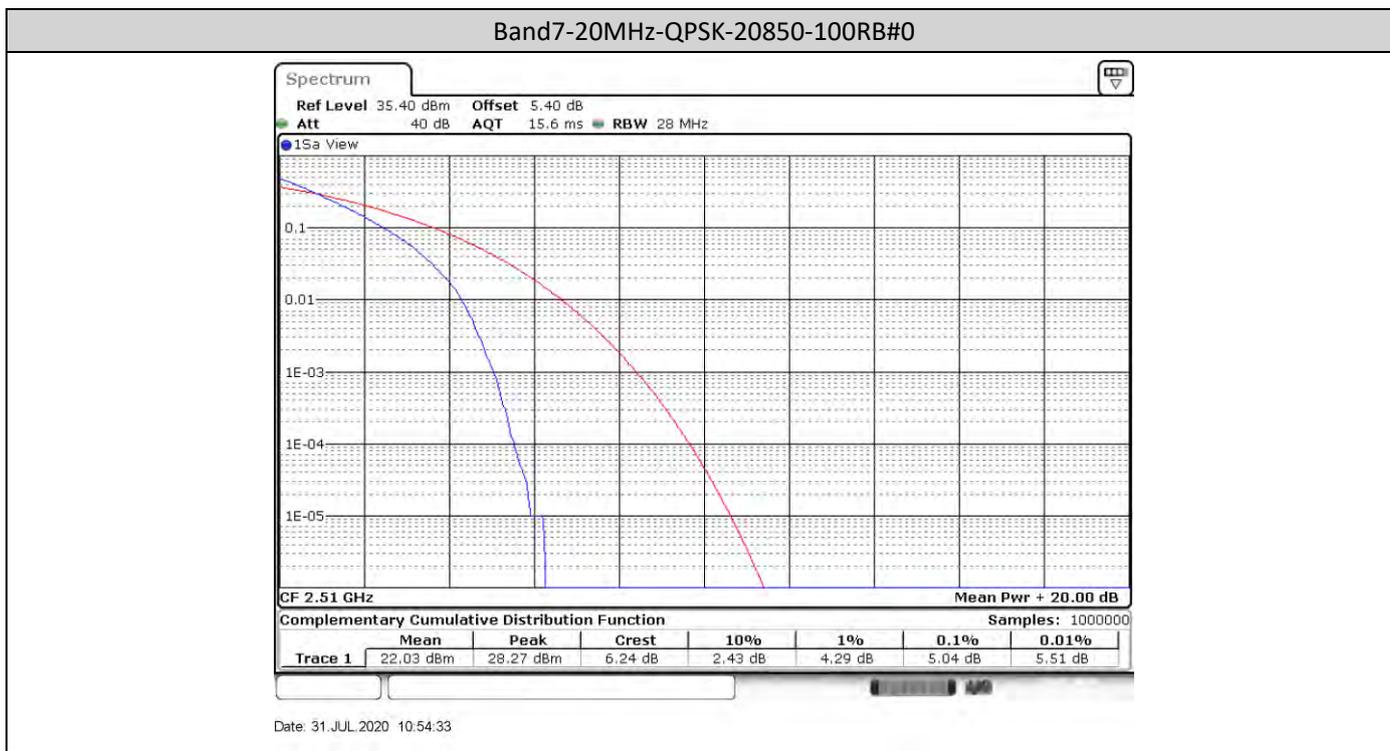


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 5.04 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.25 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 4.38 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 6.46 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 6.43 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 6.41 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 6.00 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.03 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 5.42 | 13 | PASS |

2.2. Test Plots

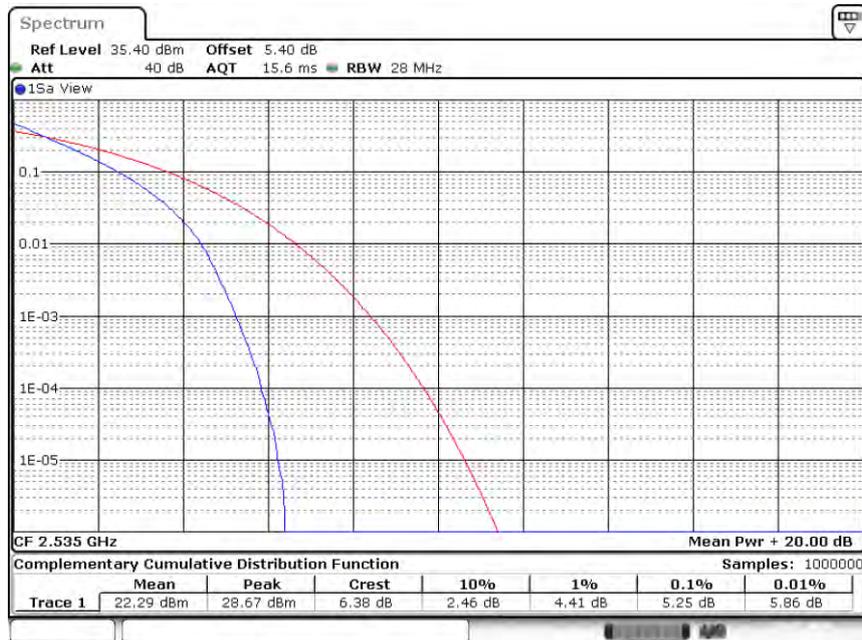


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Band7-20MHz-QPSK-21100-100RB#0



Date: 31 JUL 2020 10:54:55

Band7-20MHz-QPSK-21350-100RB#0

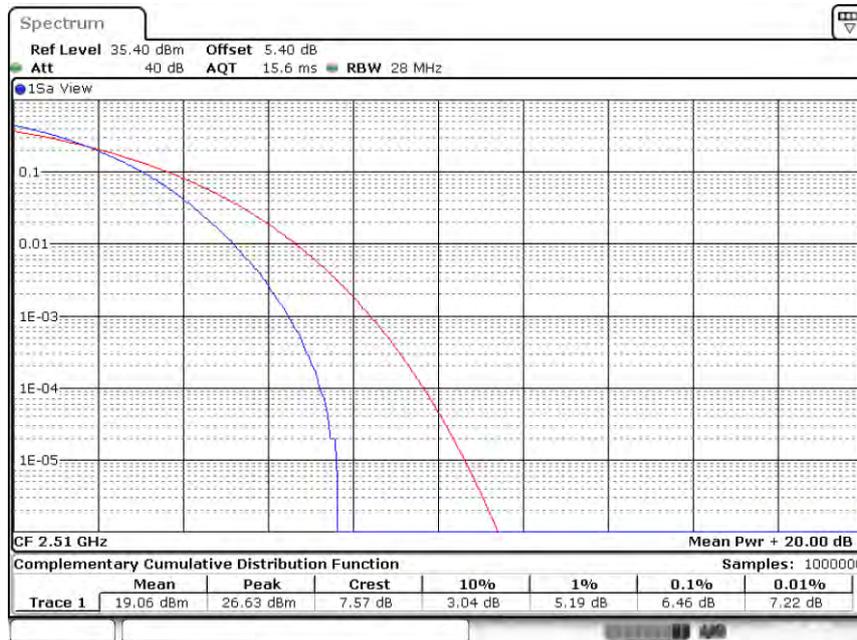


Date: 31 JUL 2020 10:55:18



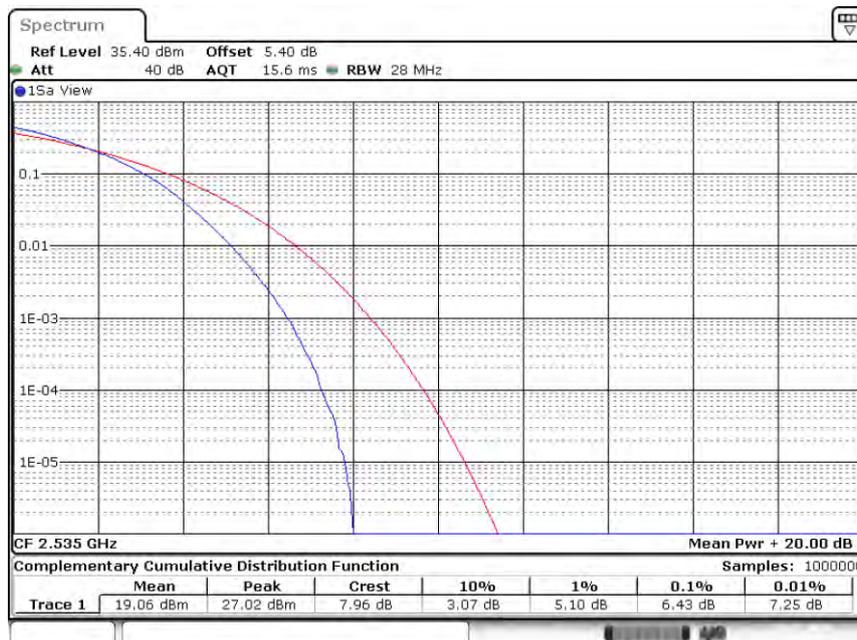
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Band7-20MHz-64QAM-20850-100RB#0



Date: 31 JUL 2020 14:51:50

Band7-20MHz-64QAM-21100-100RB#0

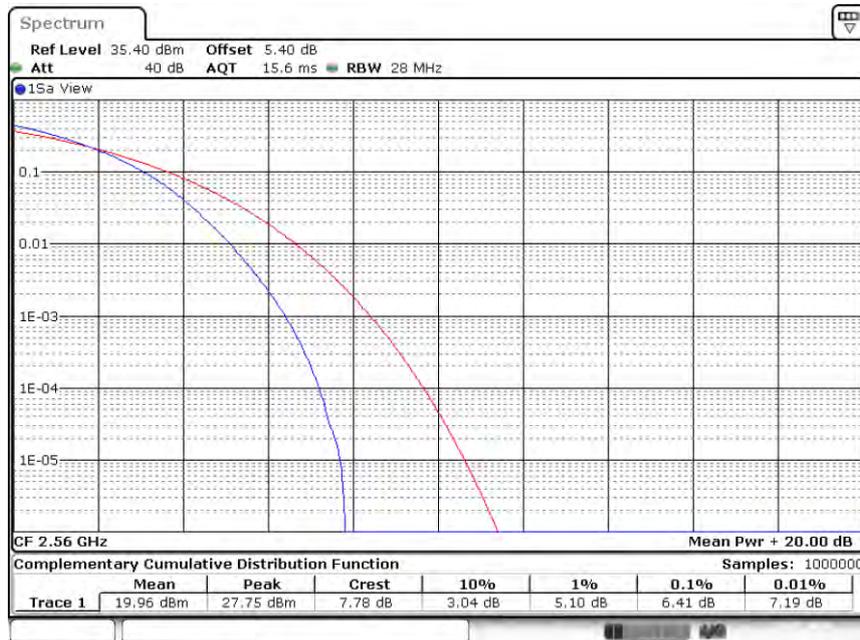


Date: 31 JUL 2020 14:52:01



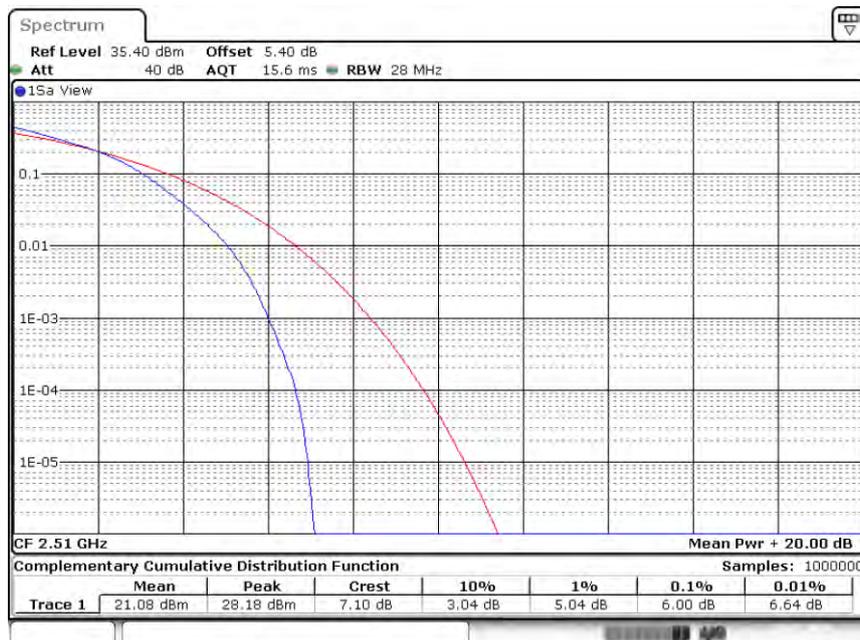
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Band7-20MHz-64QAM-21350-100RB#0



Date: 31 JUL 2020 14:52:12

Band7-20MHz-16QAM-20850-100RB#0

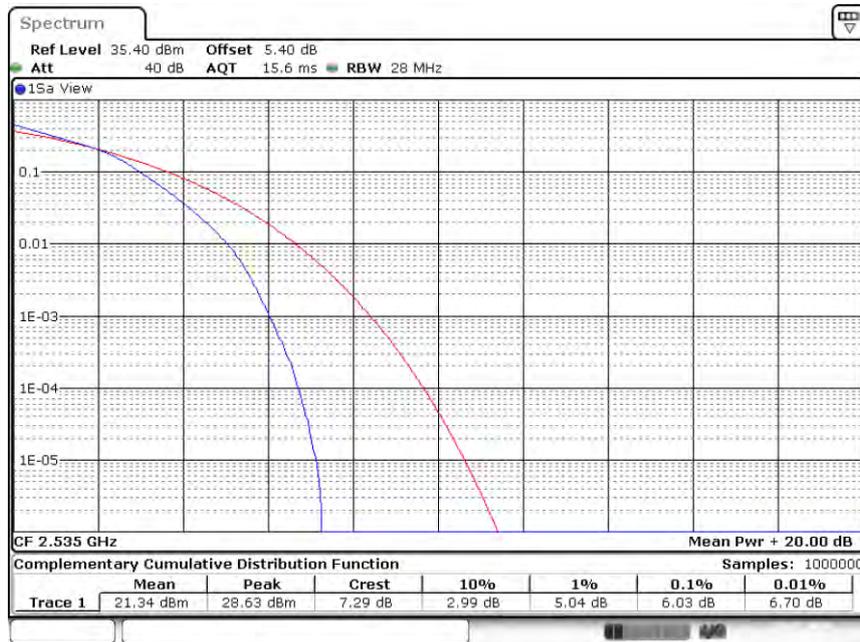


Date: 31 JUL 2020 10:54:44



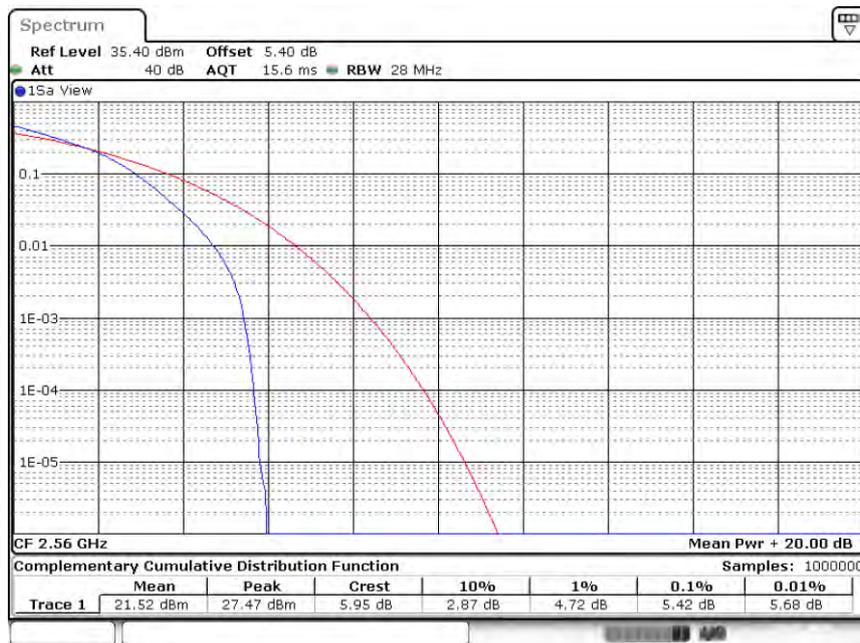
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Band7-20MHz-16QAM-21100-100RB#0



Date: 31 JUL 2020 10:55:07

Band7-20MHz-16QAM-21350-100RB#0



Date: 31 JUL 2020 10:55:29



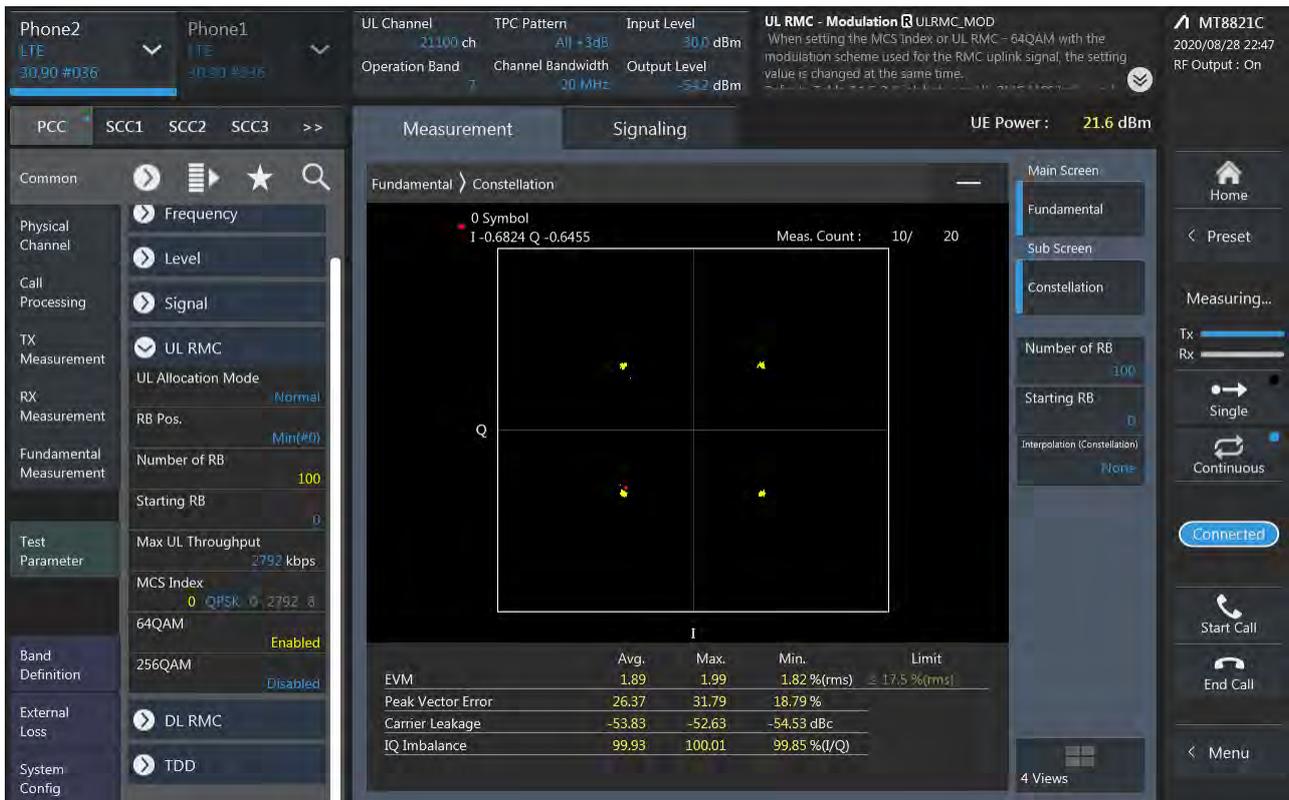
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



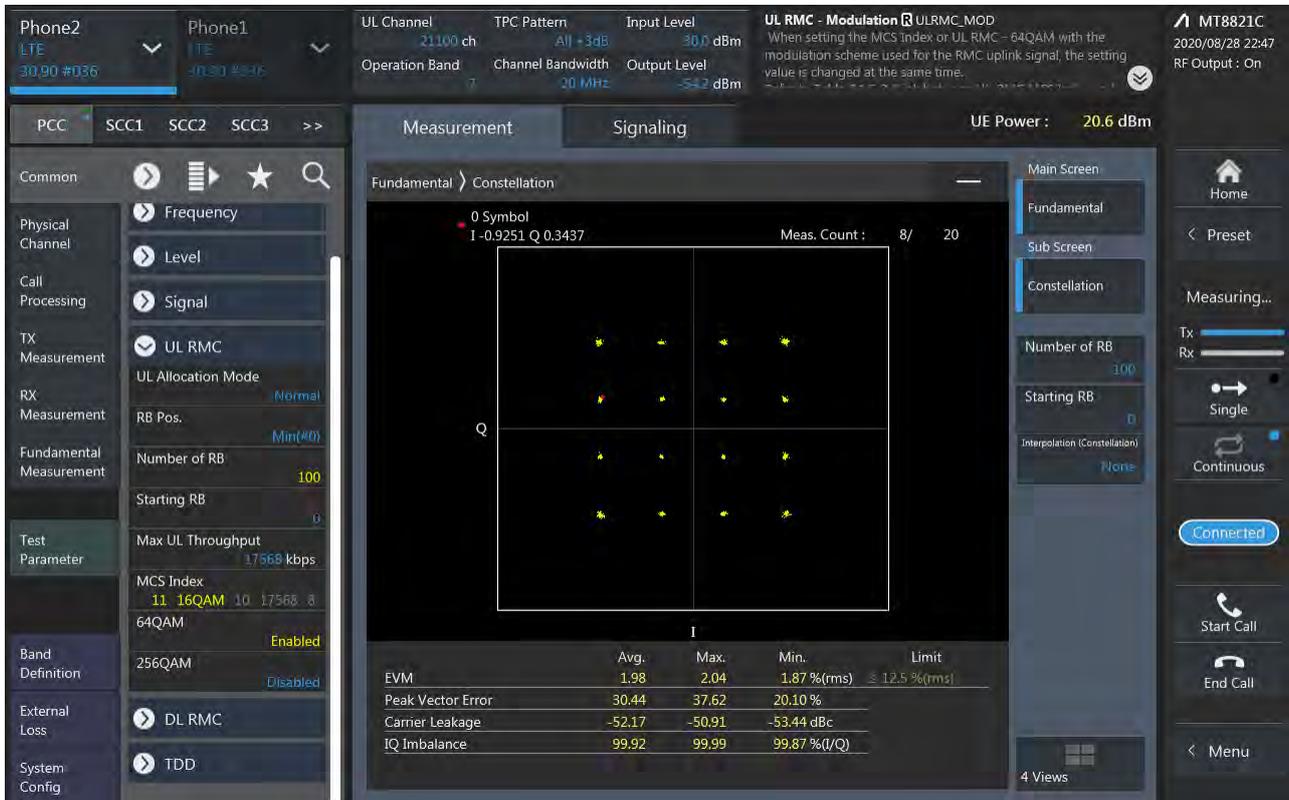
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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



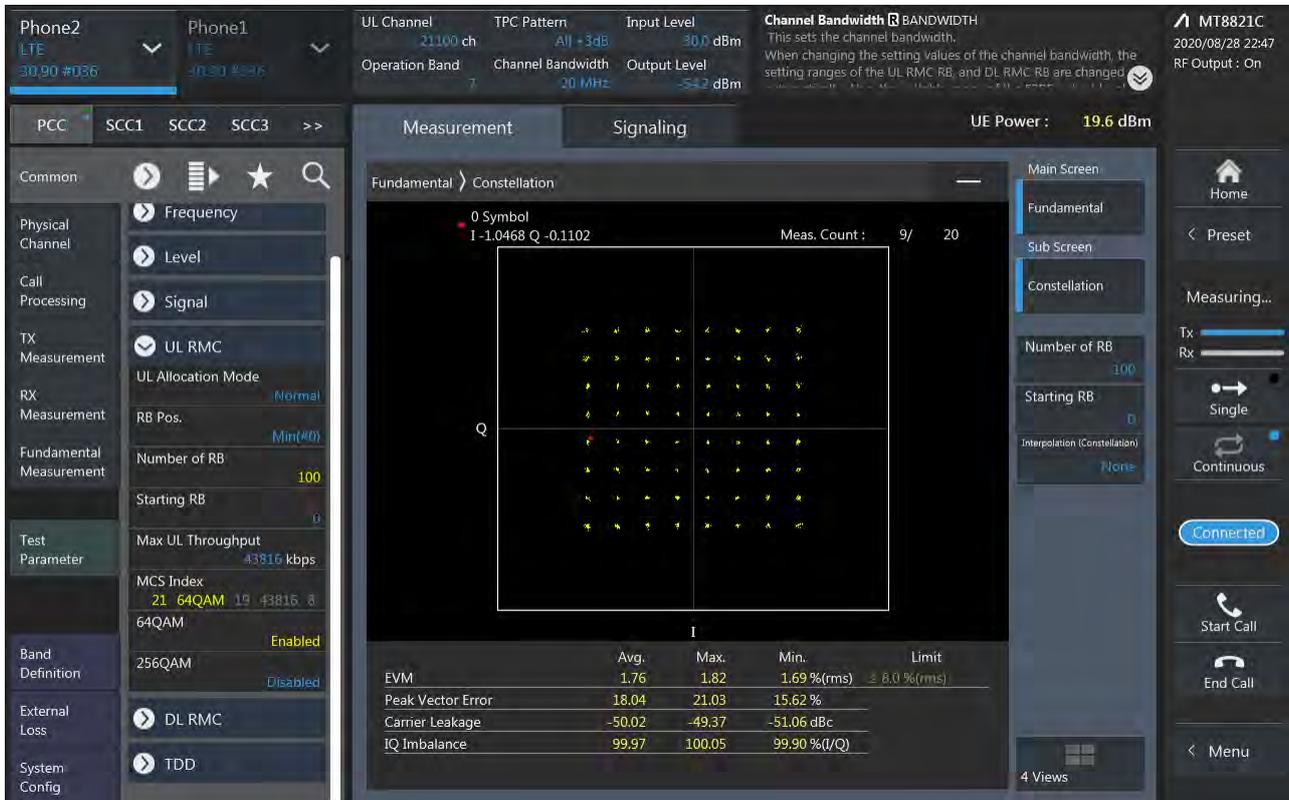
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3.1.3. Test Mode = LTE /TM3 20MHz

3.1.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

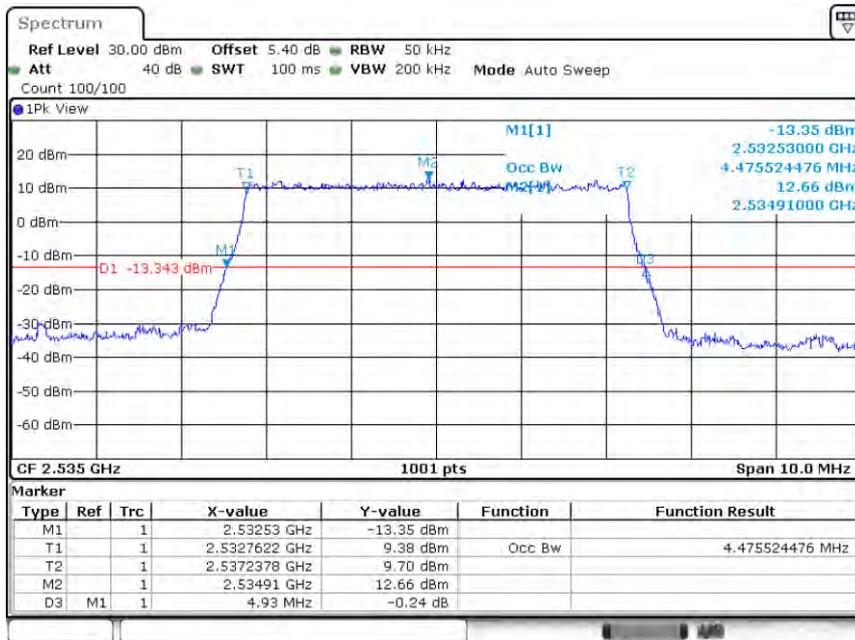
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 4.476 | 4.920 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 4.476 | 4.930 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 4.476 | 4.940 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 4.476 | 4.870 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 4.476 | 4.900 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 4.466 | 4.890 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 4.486 | 4.960 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 4.496 | 4.950 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 4.496 | 4.950 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 8.931 | 9.700 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 8.931 | 9.700 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 8.931 | 9.680 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 8.951 | 9.660 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 8.931 | 9.640 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 8.931 | 9.640 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 8.931 | 9.720 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 8.931 | 9.700 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 8.951 | 9.700 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 13.487 | 14.700 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 13.457 | 14.790 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 13.487 | 14.730 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 13.457 | 14.790 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 13.457 | 14.820 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 13.427 | 14.790 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 13.457 | 14.670 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 13.457 | 14.700 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 13.487 | 14.790 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 17.902 | 19.560 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 17.902 | 19.480 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 17.902 | 19.600 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 17.902 | 19.400 | PASS |



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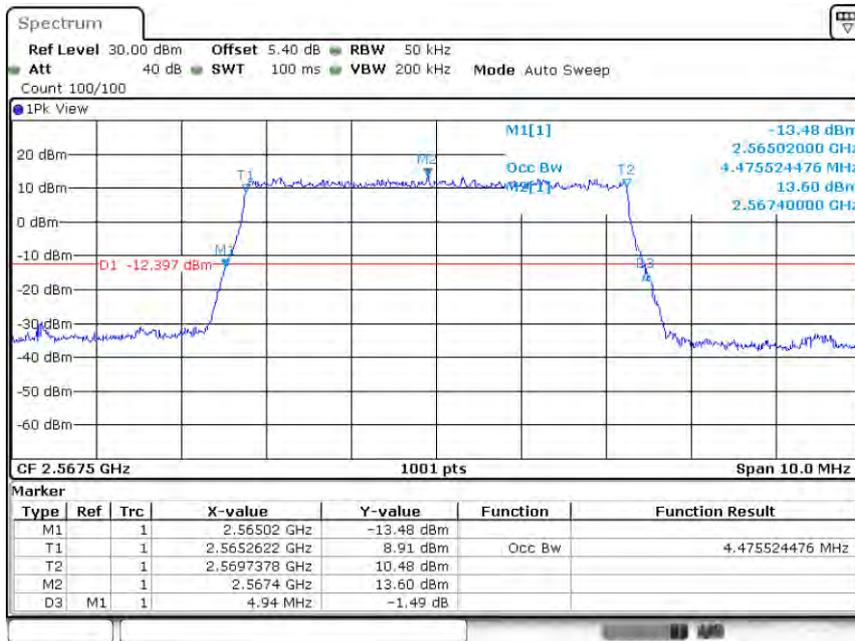
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Band7-5MHz-QPSK-21100-25RB#0-4.476



Date: 31 JUL 2020 18:49:08

Band7-5MHz-QPSK-21425-25RB#0-4.476

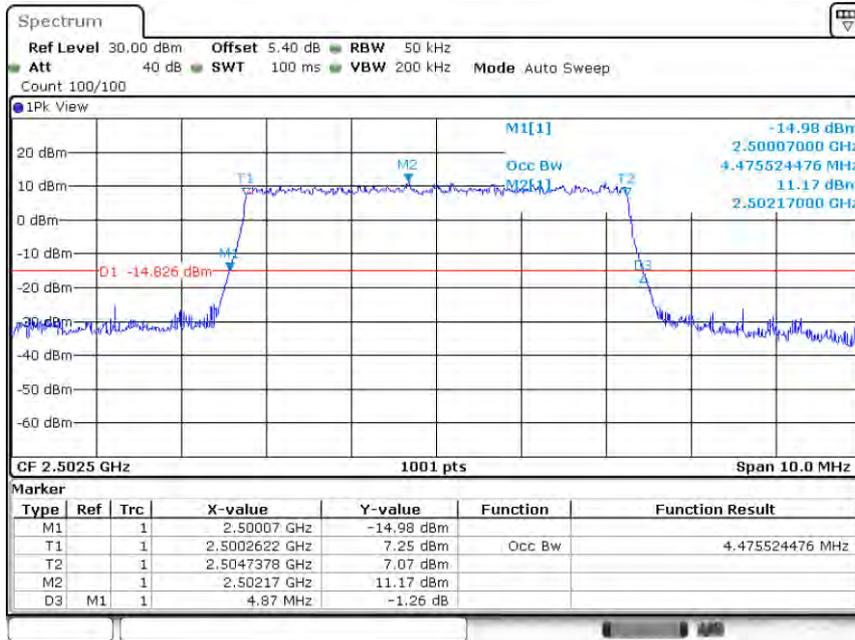


Date: 31 JUL 2020 18:49:48



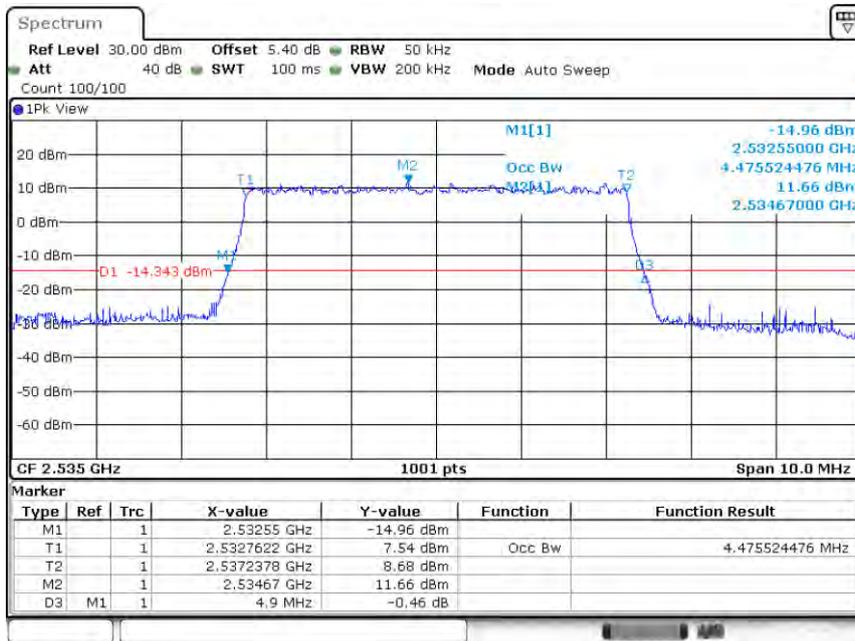
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Band7-5MHz-64QAM-20775-25RB#0-4.476



Date: 31.JUL.2020 14:40:10

Band7-5MHz-64QAM-21100-25RB#0-4.476

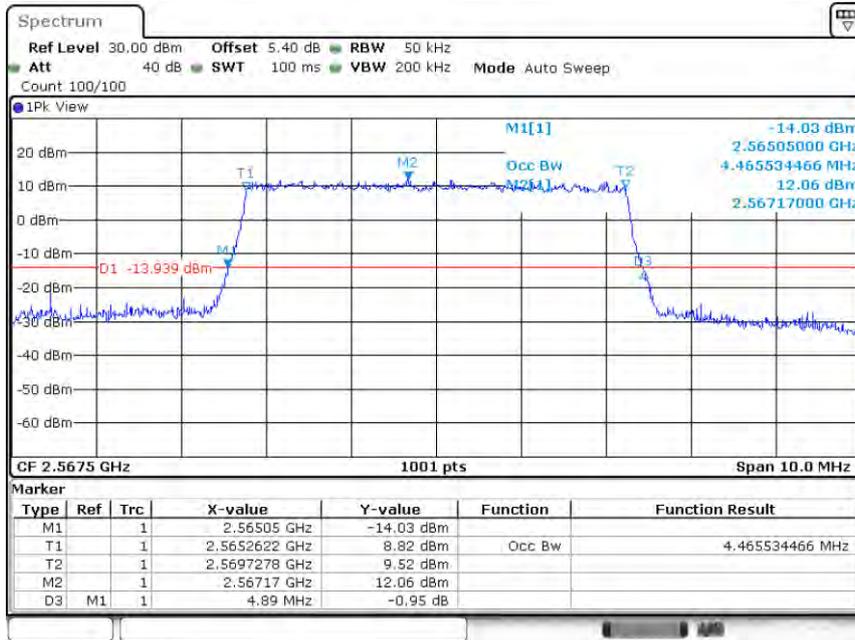


Date: 31.JUL.2020 14:40:30



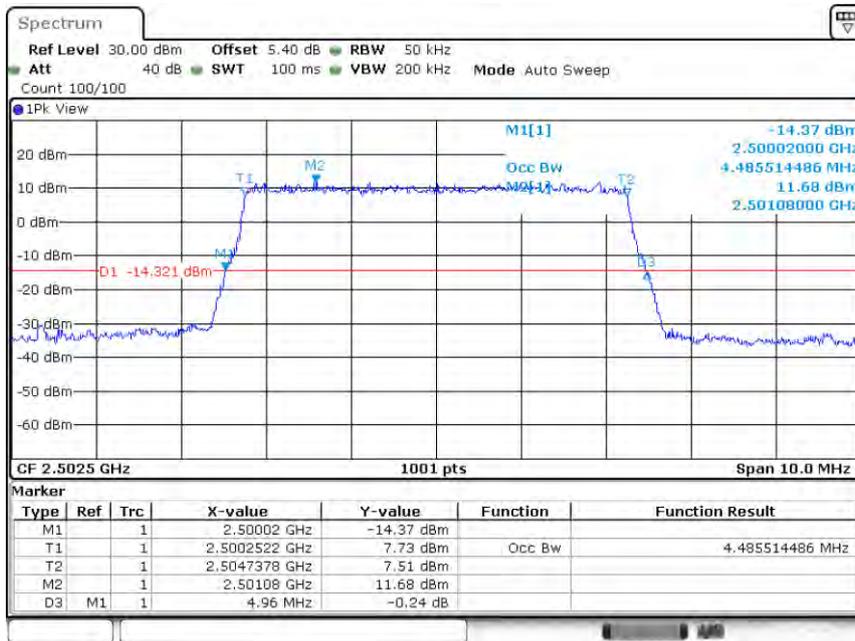
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Band7-5MHz-64QAM-21425-25RB#0-4.466



Date: 31 JUL 2020 14:40:49

Band7-5MHz-16QAM-20775-25RB#0-4.486

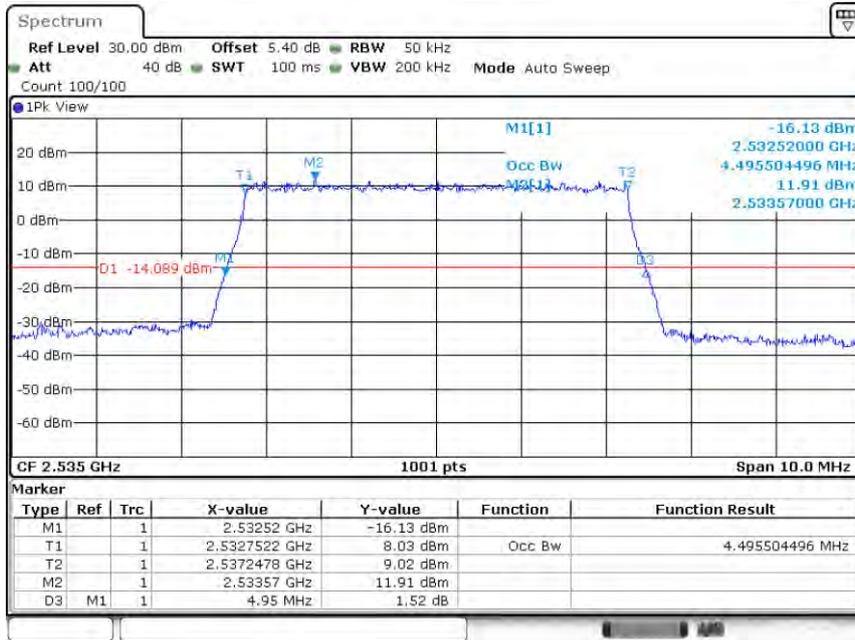


Date: 31 JUL 2020 18:48:48



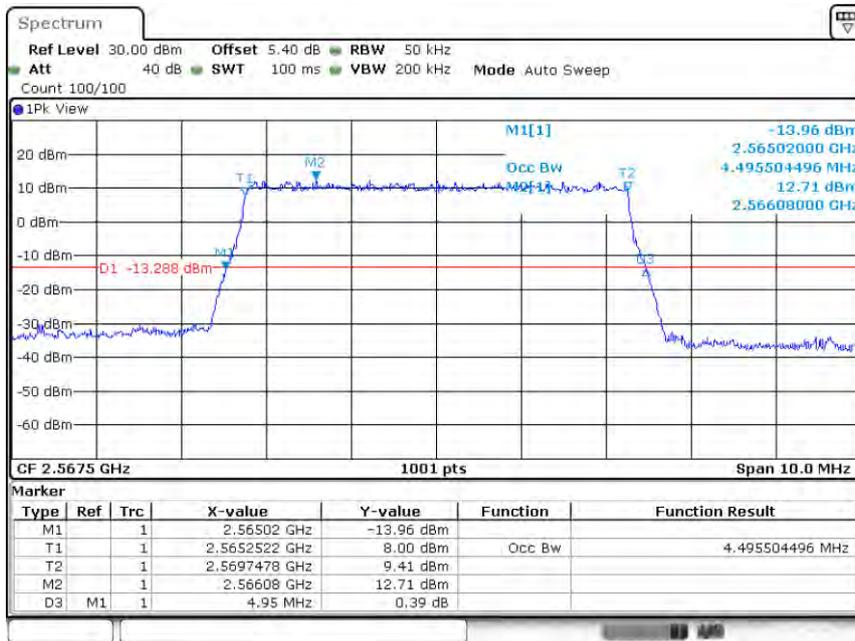
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Band7-5MHz-16QAM-21100-25RB#0-4.496



Date: 31 JUL 2020 18:49:28

Band7-5MHz-16QAM-21425-25RB#0-4.496

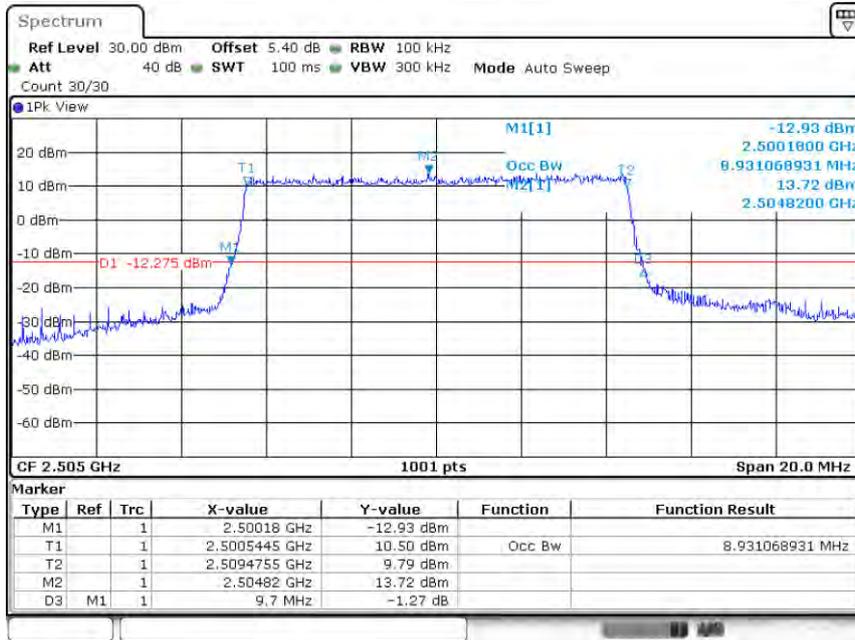


Date: 31 JUL 2020 18:50:07



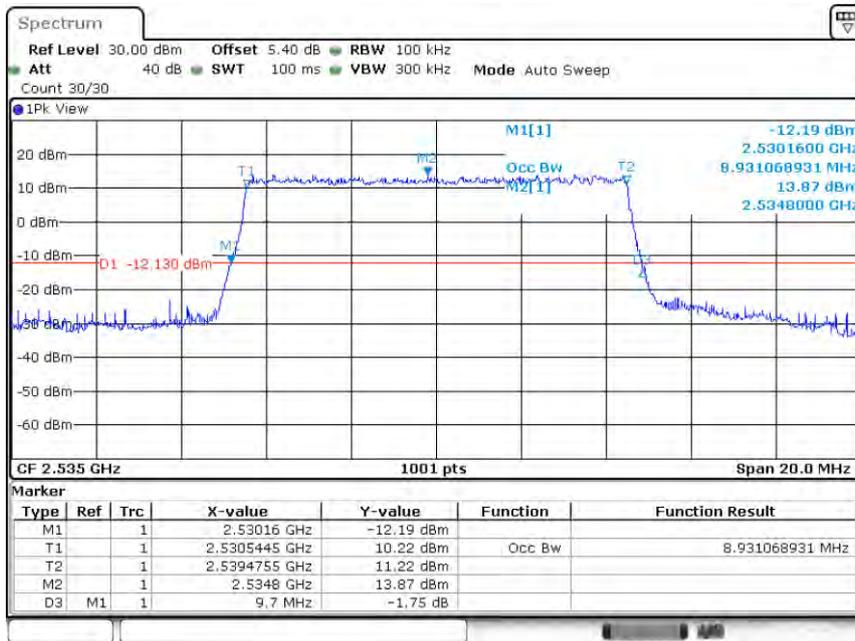
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Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 31 JUL 2020 10:34:46

Band7-10MHz-QPSK-21100-50RB#0-8.931

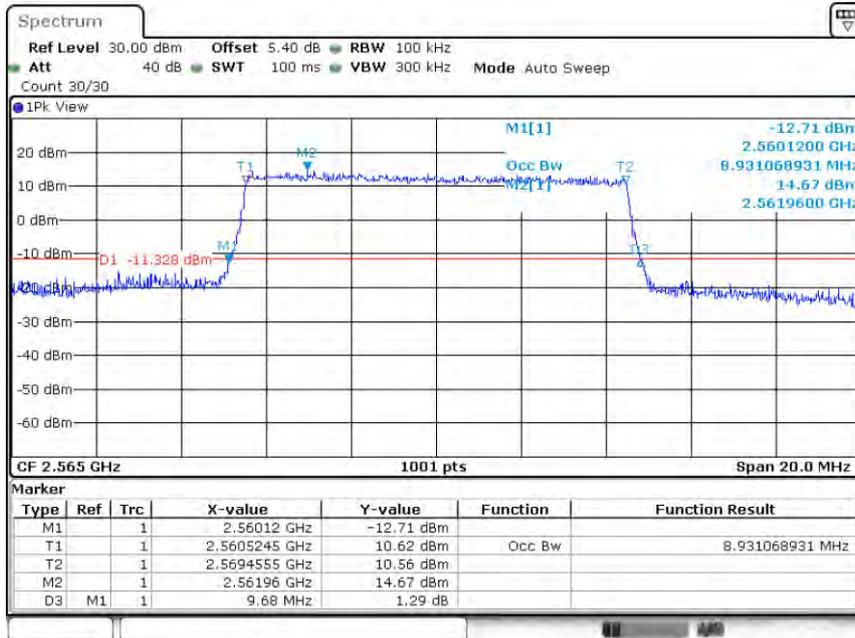


Date: 31 JUL 2020 10:35:11



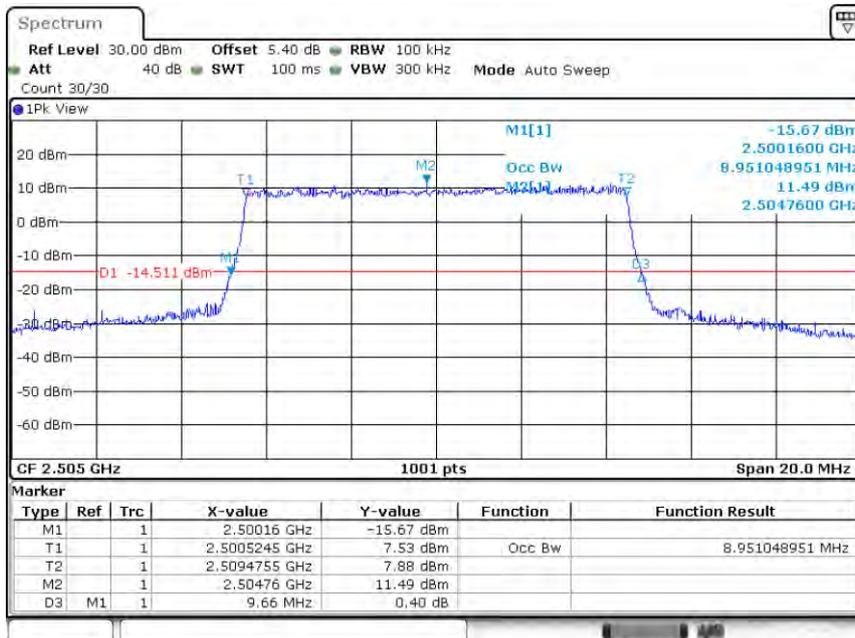
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Band7-10MHz-QPSK-21400-50RB#0-8.931



Date: 31 JUL 2020 10:35:37

Band7-10MHz-64QAM-20800-50RB#0-8.951

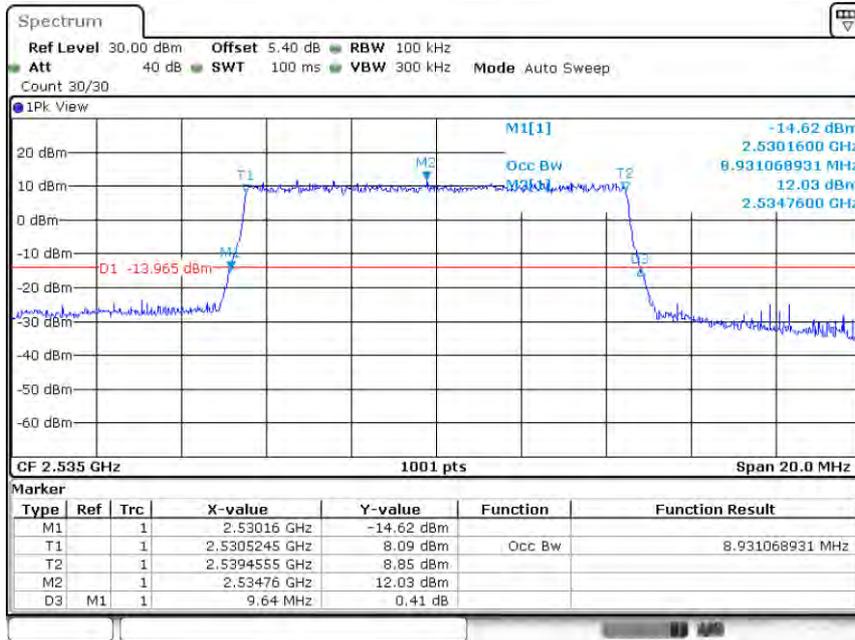


Date: 31 JUL 2020 14:41:07



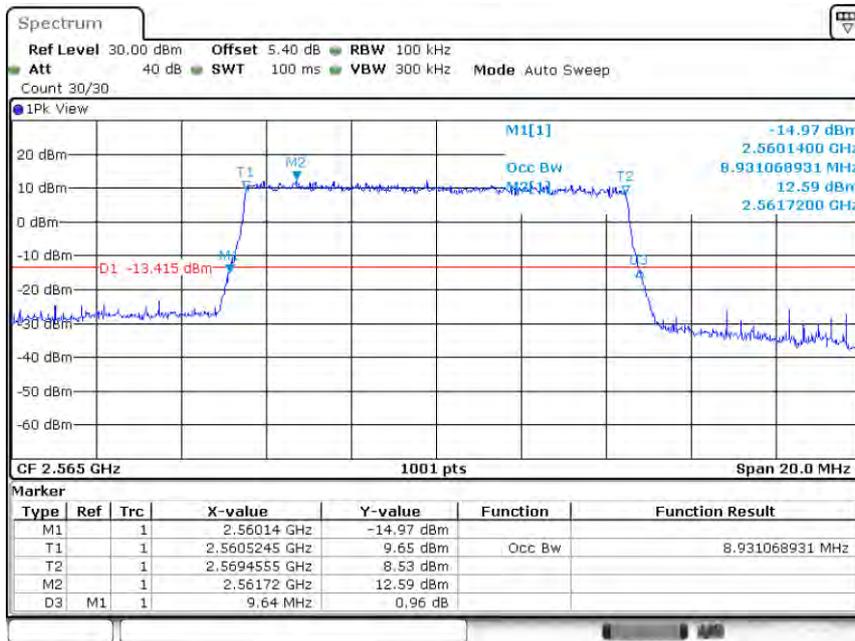
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Band7-10MHz-64QAM-21100-50RB#0-8.931



Date: 31.JUL.2020 14:41:21

Band7-10MHz-64QAM-21400-50RB#0-8.931

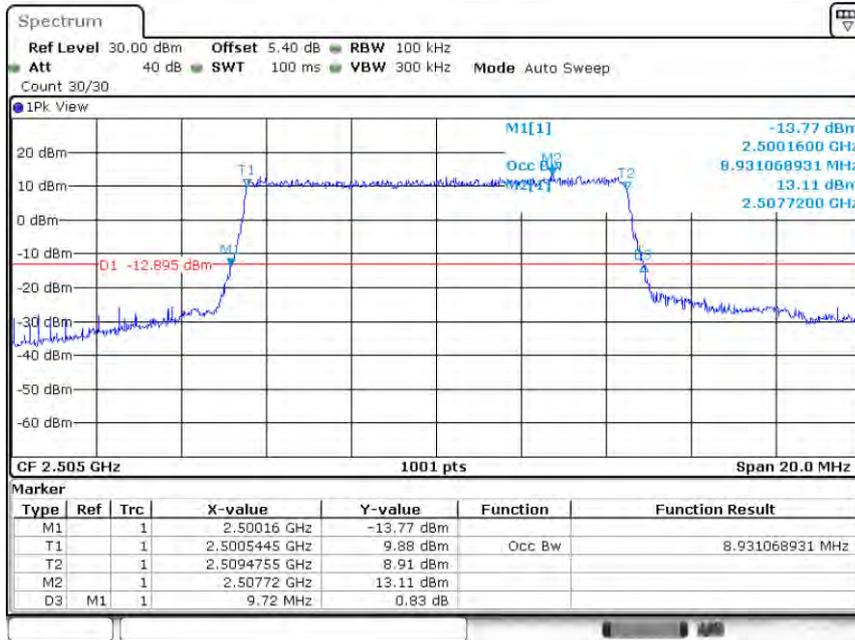


Date: 31.JUL.2020 14:41:34



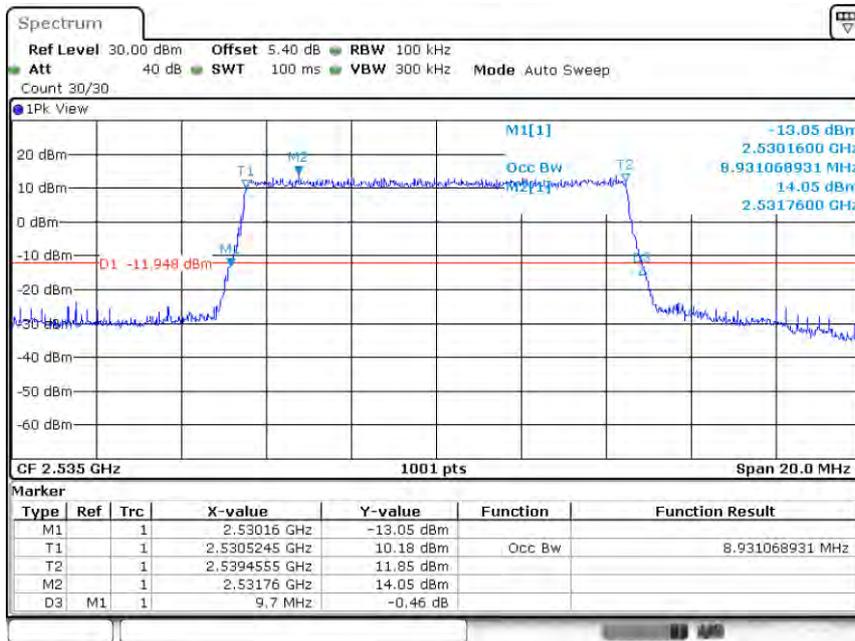
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Band7-10MHz-16QAM-20800-50RB#0-8.931



Date: 31 JUL 2020 10:34:58

Band7-10MHz-16QAM-21100-50RB#0-8.931



Date: 31 JUL 2020 10:35:24



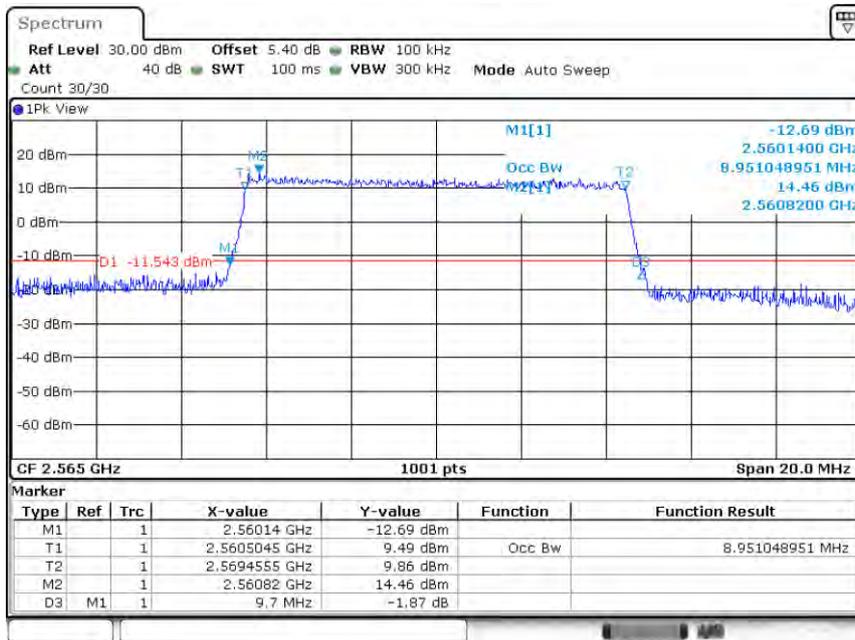
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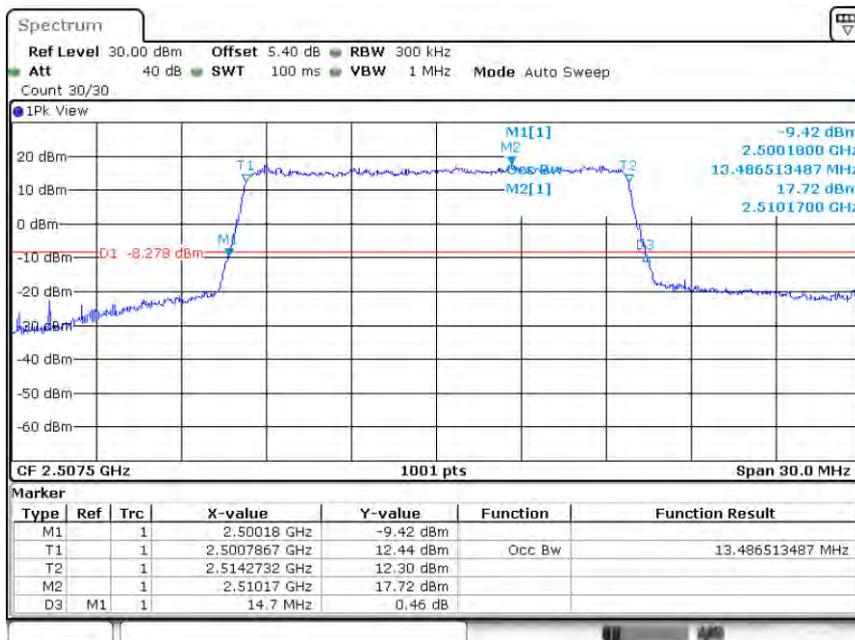


Band7-10MHz-16QAM-21400-50RB#0-8.951



Date: 31 JUL 2020 10:35:49

Band7-15MHz-QPSK-20825-75RB#0-13.487



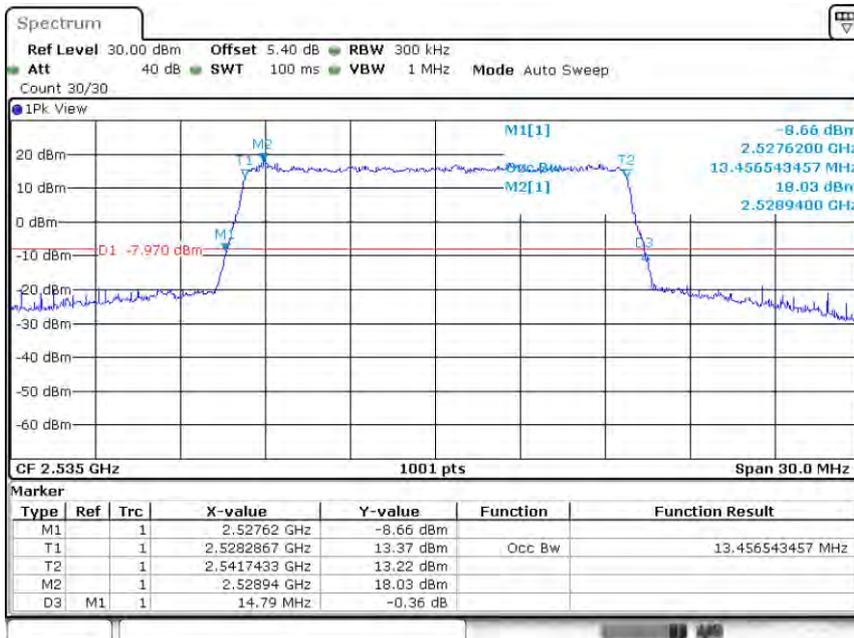
Date: 31 JUL 2020 10:36:07



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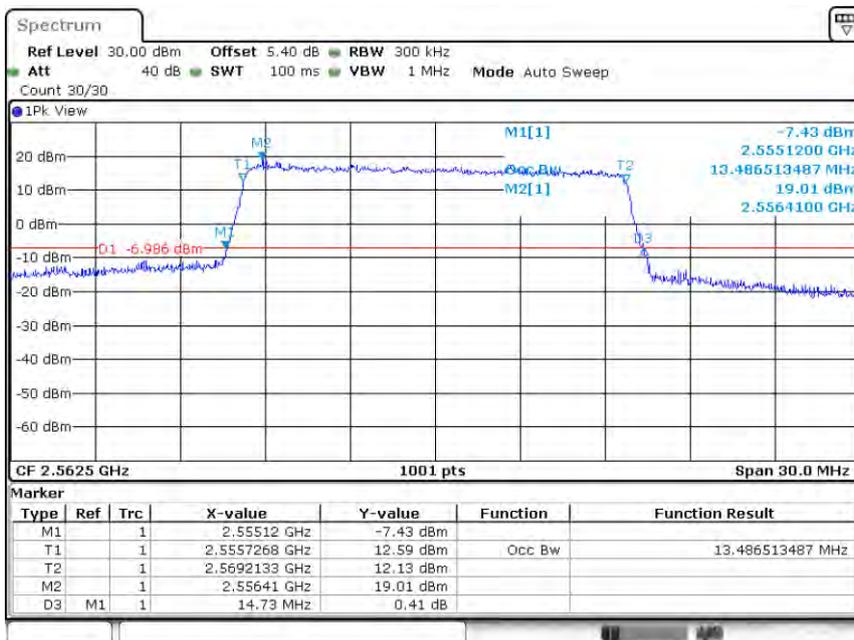


Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 31 JUL 2020 10:36:32

Band7-15MHz-QPSK-21375-75RB#0-13.487

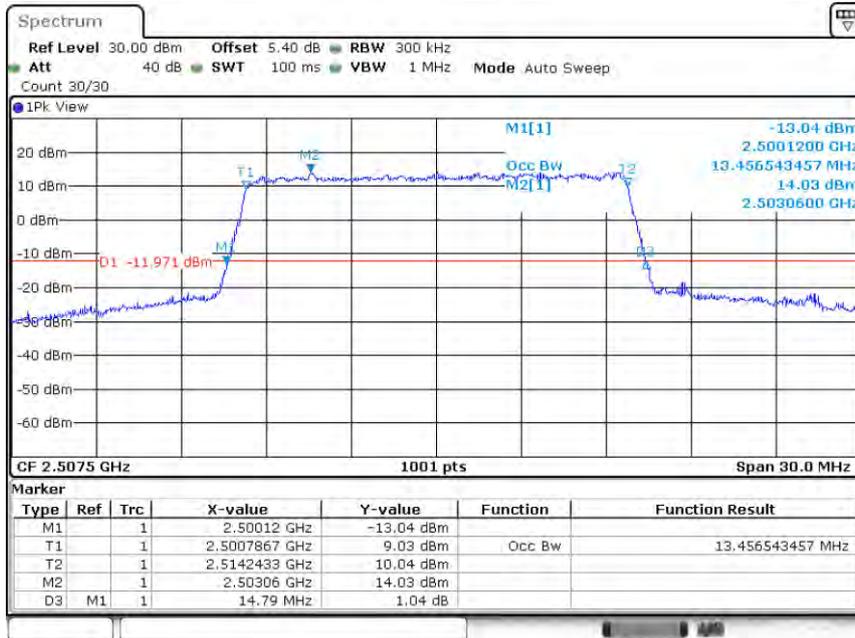


Date: 31 JUL 2020 10:36:58



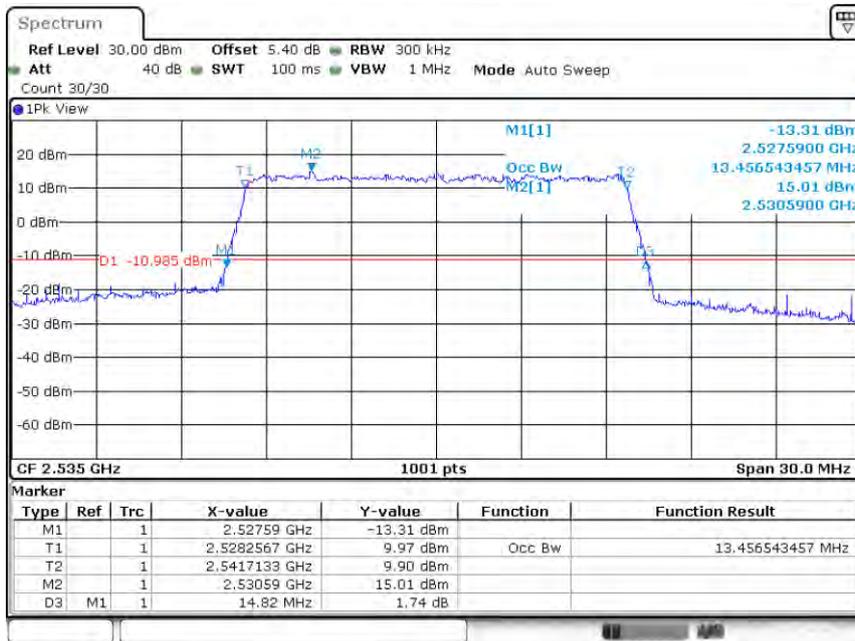
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Band7-15MHz-64QAM-20825-75RB#0-13.457



Date: 31 JUL 2020 14:41:52

Band7-15MHz-64QAM-21100-75RB#0-13.457

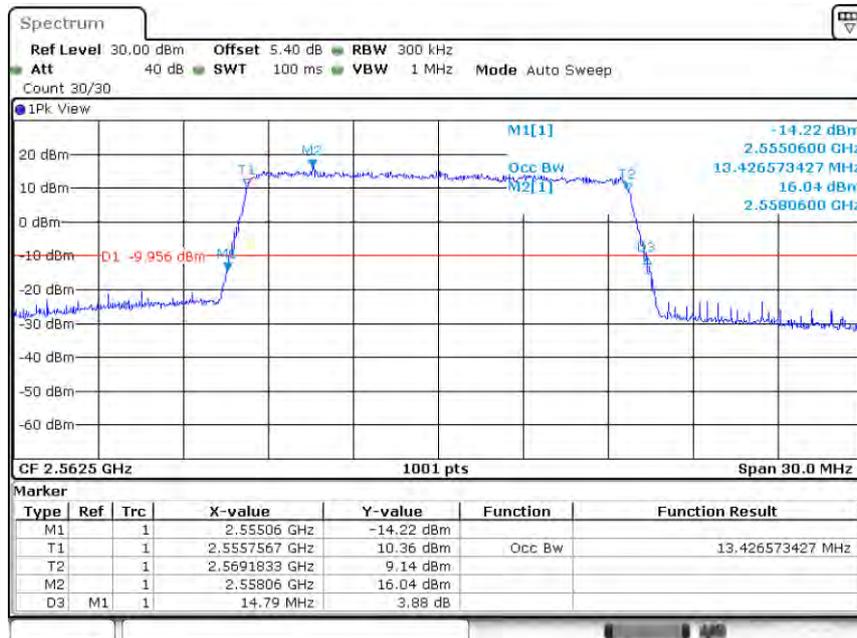


Date: 31 JUL 2020 14:42:04



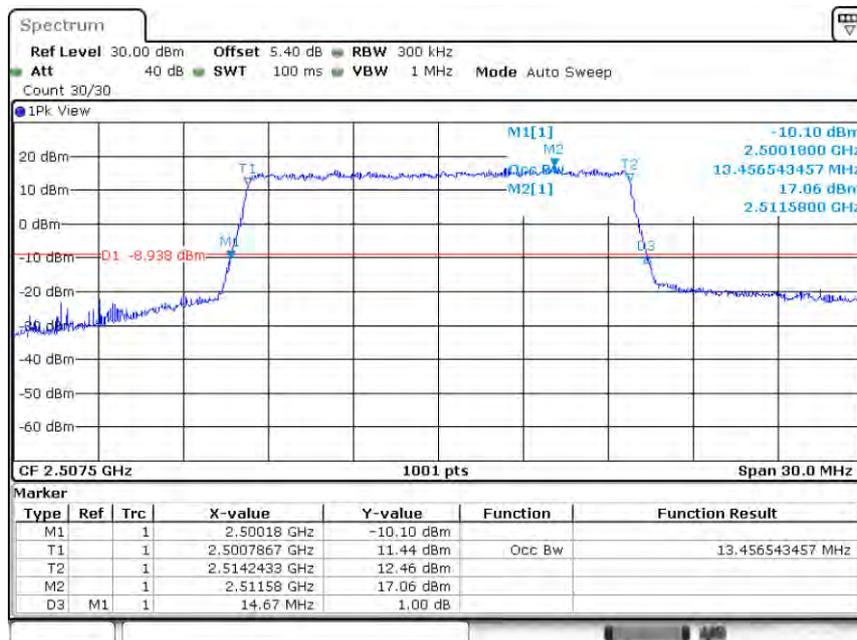
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Band7-15MHz-64QAM-21375-75RB#0-13.427



Date: 31 JUL 2020 14:42:17

Band7-15MHz-16QAM-20825-75RB#0-13.457

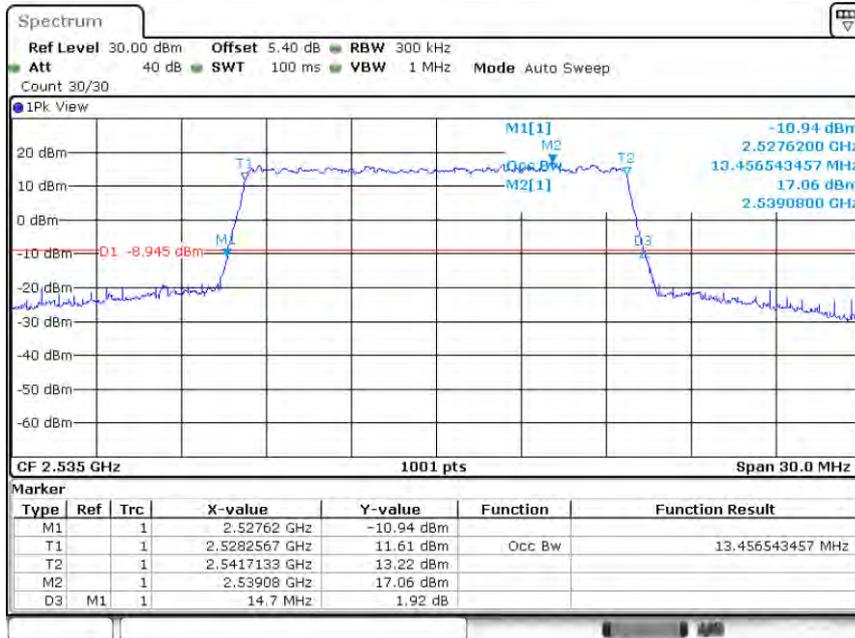


Date: 31 JUL 2020 10:36:19



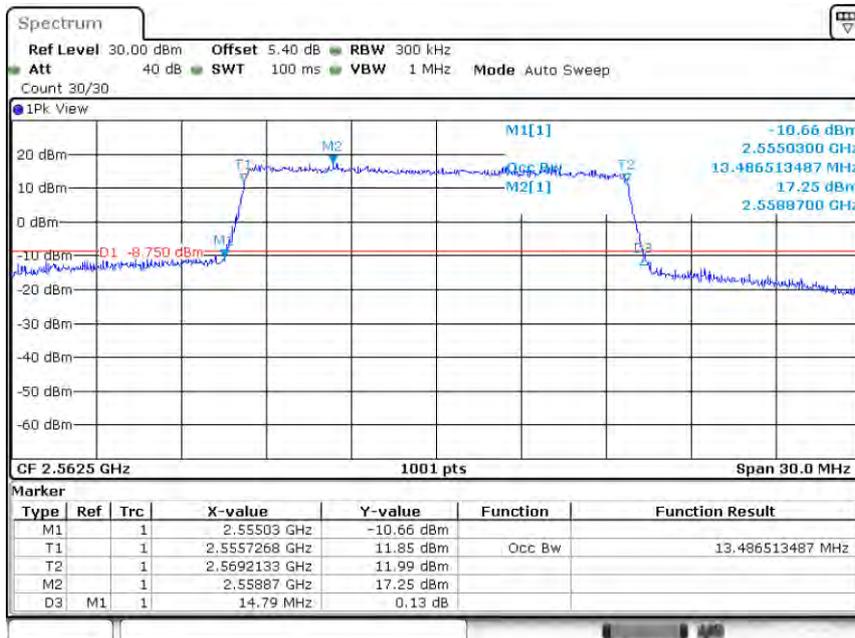
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Band7-15MHz-16QAM-21100-75RB#0-13.457



Date: 31 JUL 2020 10:36:45

Band7-15MHz-16QAM-21375-75RB#0-13.487

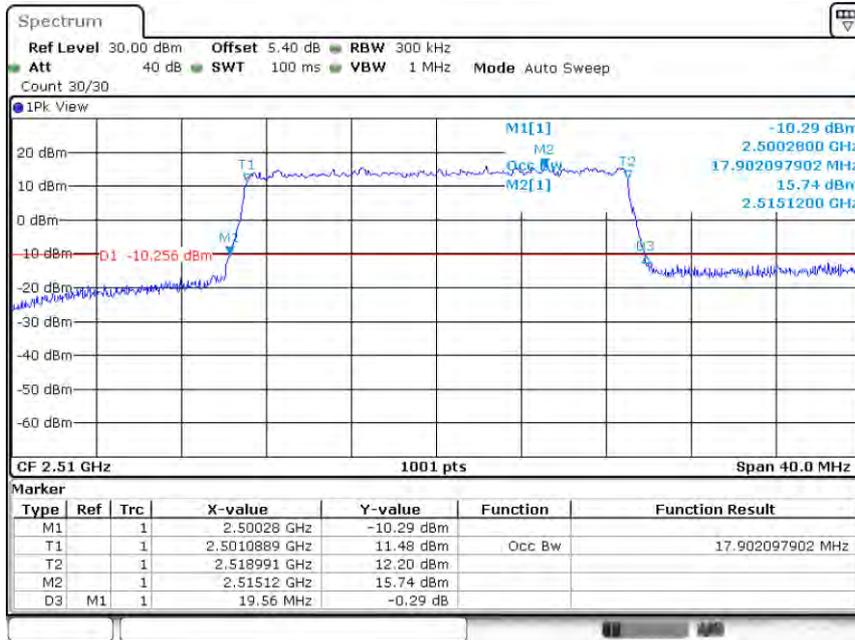


Date: 31 JUL 2020 10:37:10



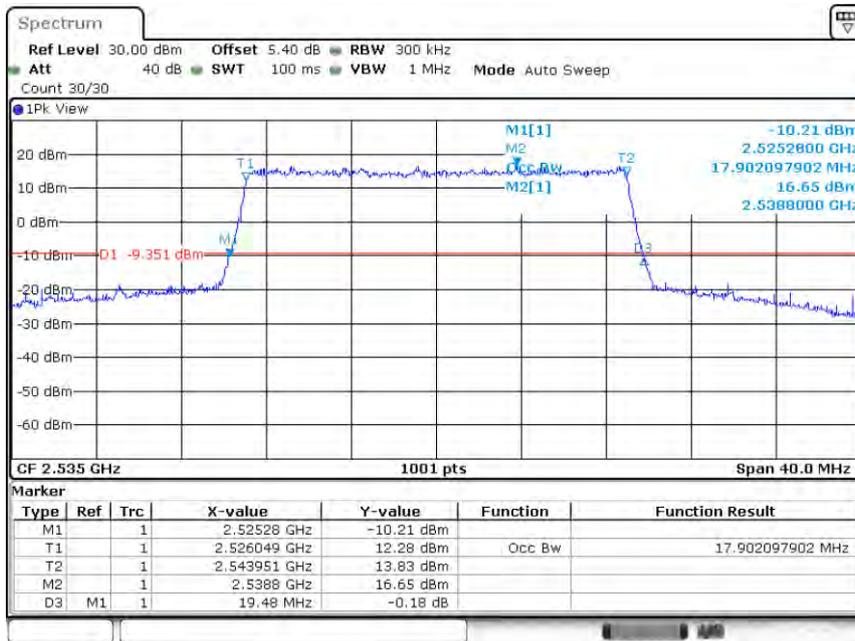
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Band7-20MHz-QPSK-20850-100RB#0-17.902



Date: 31 JUL 2020 10:37:28

Band7-20MHz-QPSK-21100-100RB#0-17.902



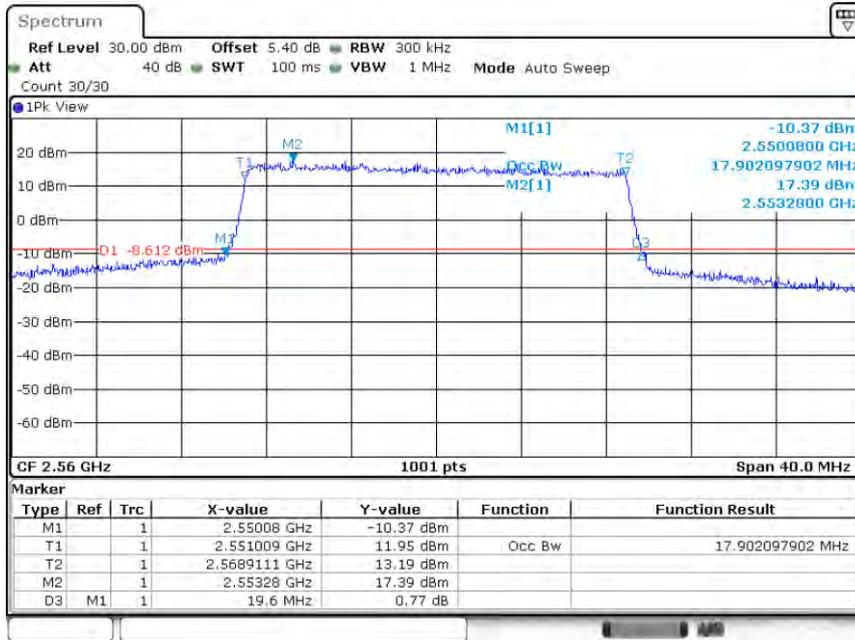
Date: 31 JUL 2020 10:37:53



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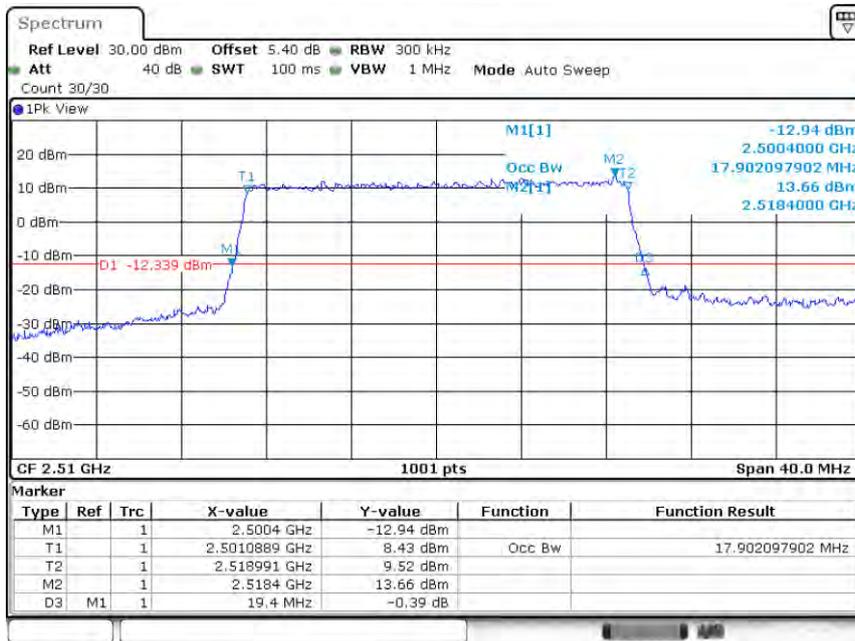


Band7-20MHz-QPSK-21350-100RB#0-17.902



Date: 31 JUL 2020 10:38:19

Band7-20MHz-64QAM-20850-100RB#0-17.902

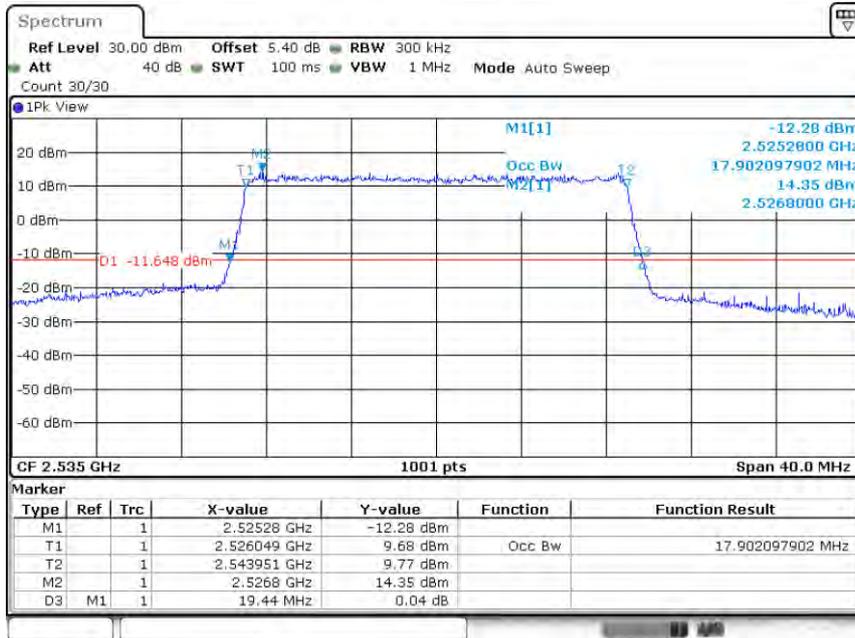


Date: 31 JUL 2020 14:42:35



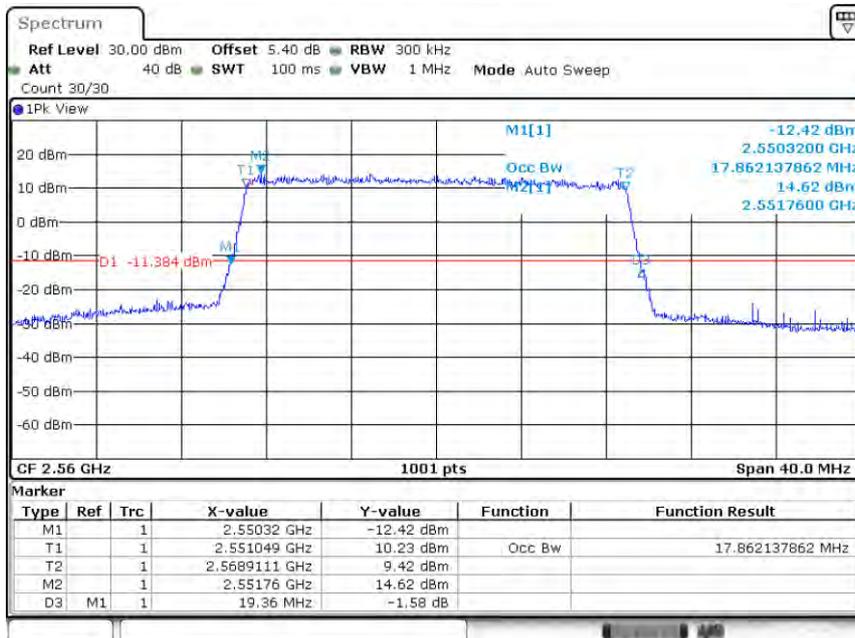
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Band7-20MHz-64QAM-21100-100RB#0-17.902



Date: 31 JUL 2020 14:42:48

Band7-20MHz-64QAM-21350-100RB#0-17.862

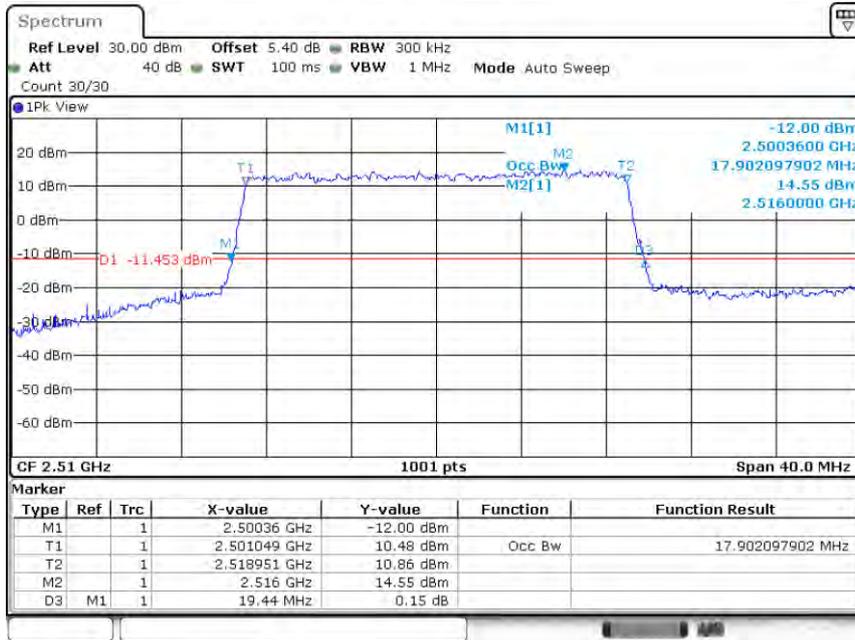


Date: 31 JUL 2020 14:43:00



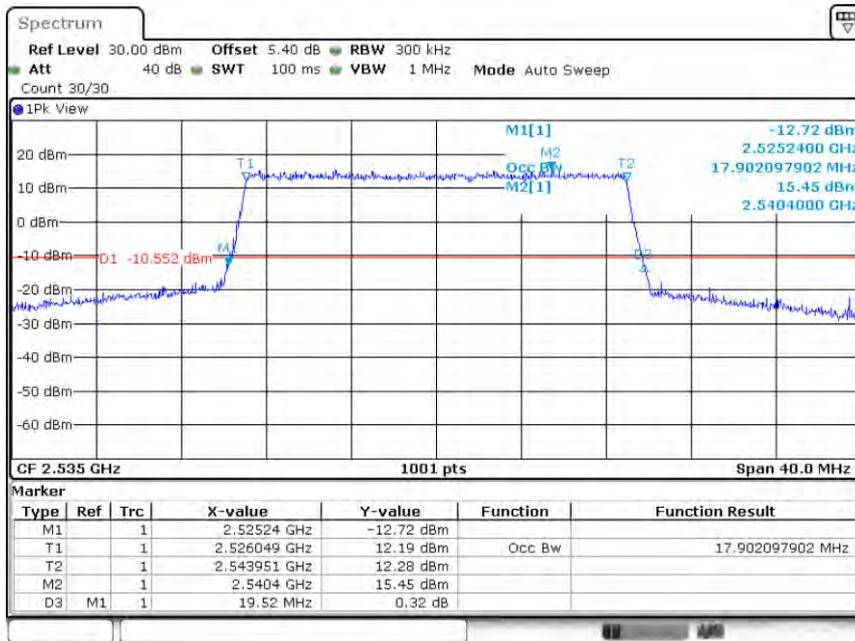
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Band7-20MHz-16QAM-20850-100RB#0-17.902



Date: 31 JUL 2020 10:37:40

Band7-20MHz-16QAM-21100-100RB#0-17.902

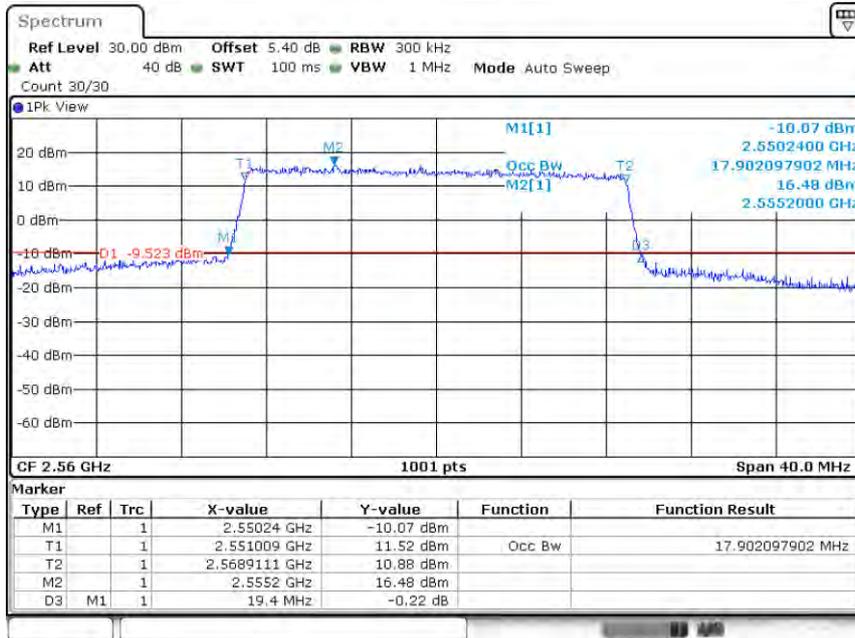


Date: 31 JUL 2020 10:38:06



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Band7-20MHz-16QAM-21350-100RB#0-17.902



Date: 31 JUL 2020 10:38:31

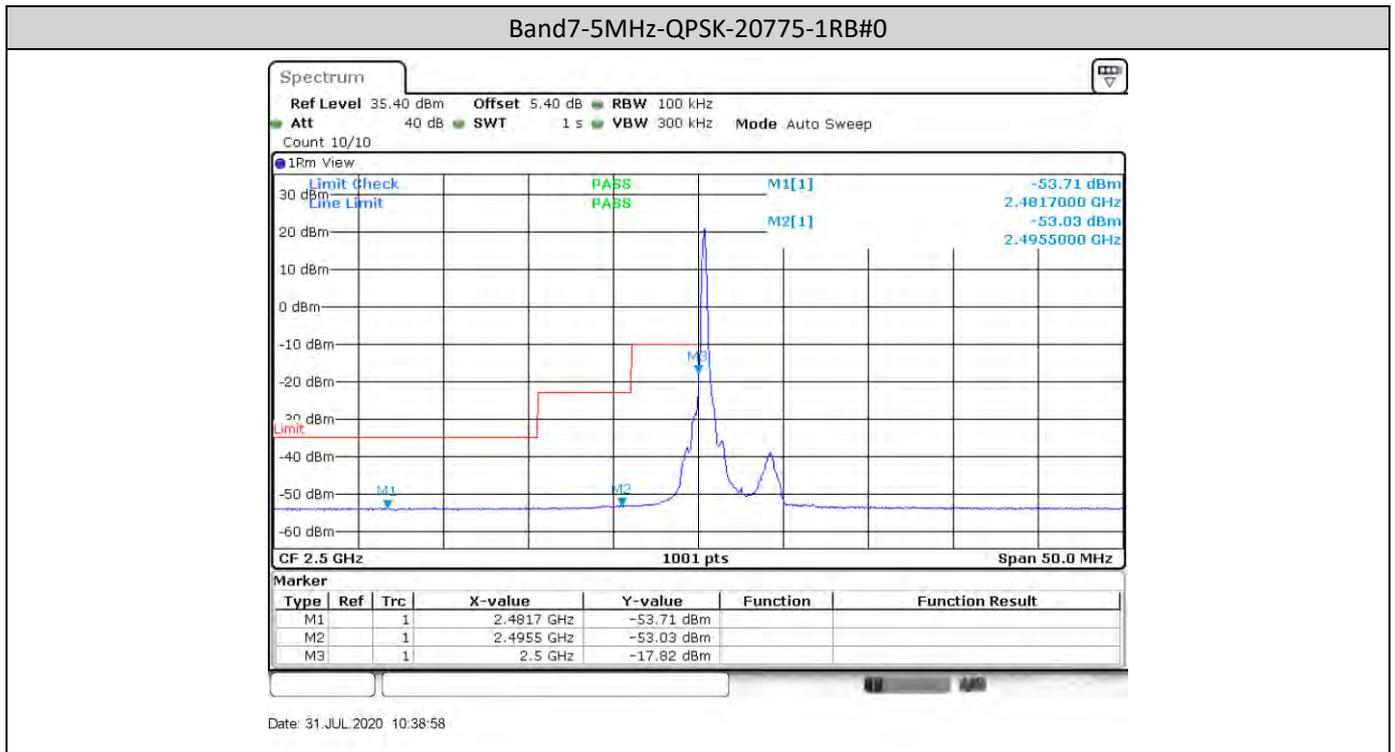


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5. Band Edge Compliance

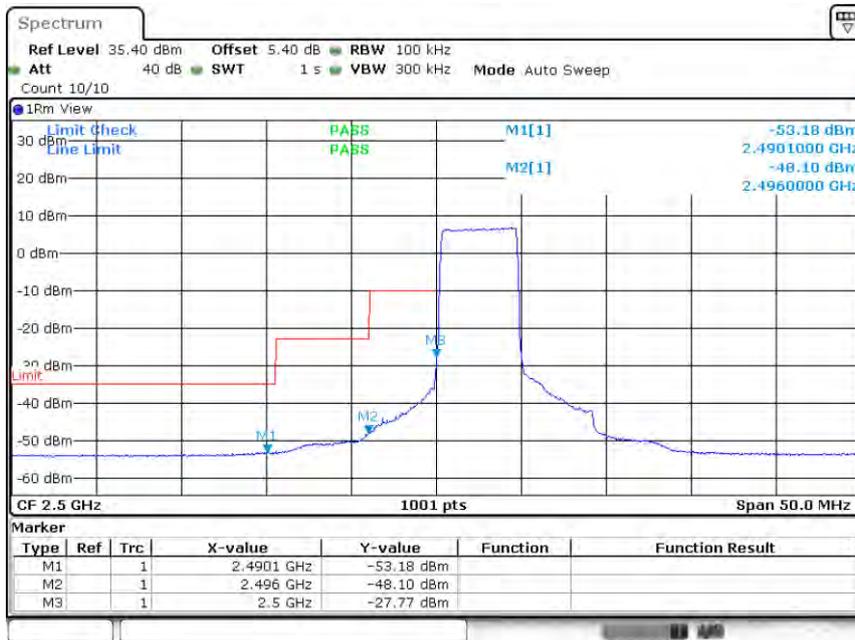
Remark: For Band Edge Compliance measurements, due to the measurement bandwidth is different to reference bandwidth. The limit has been adjusted by subtracting $10 \log [(reference\ bandwidth) / (resolution\ or\ measurement\ bandwidth)]$ according to ANSI C63.26.

5.1. Test Plots



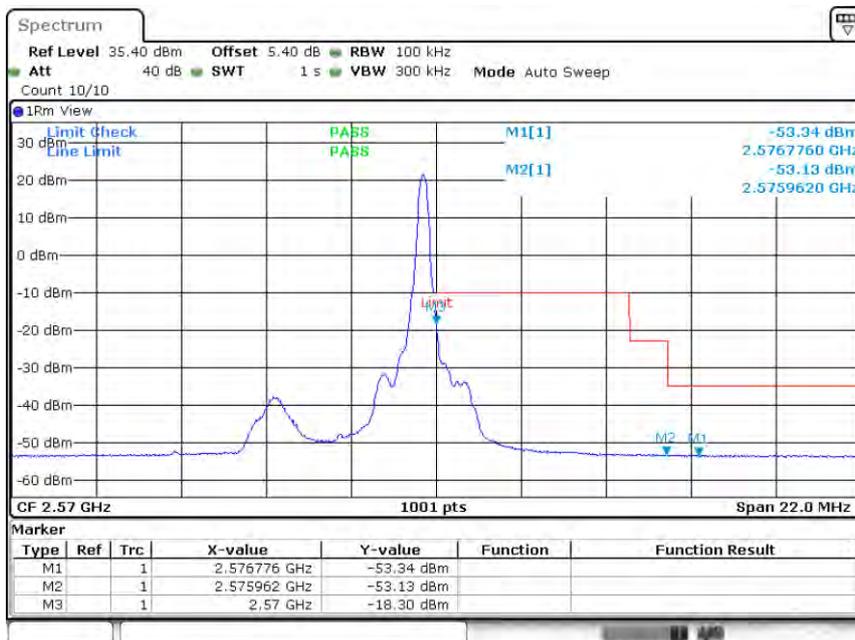
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Band7-5MHz-QPSK-20775-25RB#0



Date: 31 JUL 2020 10:40:31

Band7-5MHz-QPSK-21425-1RB#24

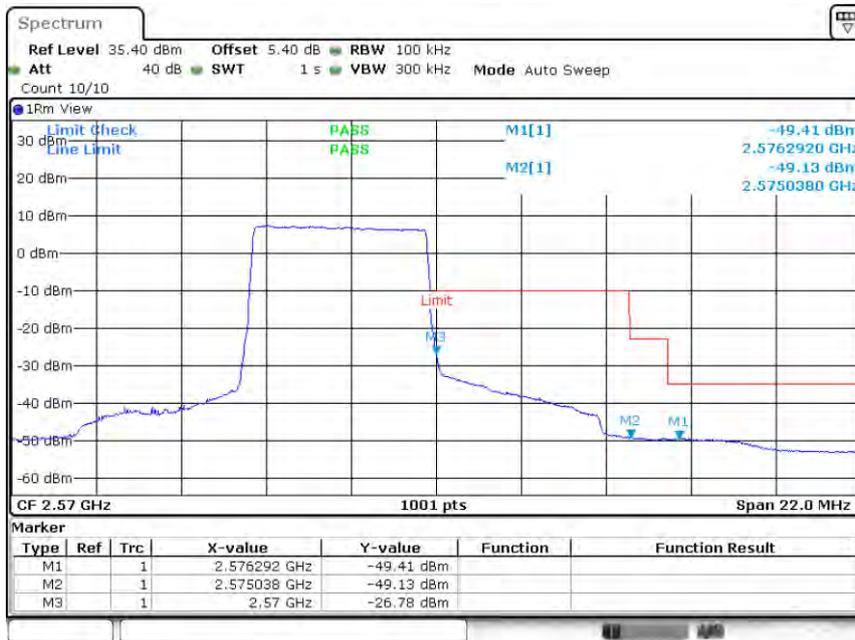


Date: 31 JUL 2020 10:39:44



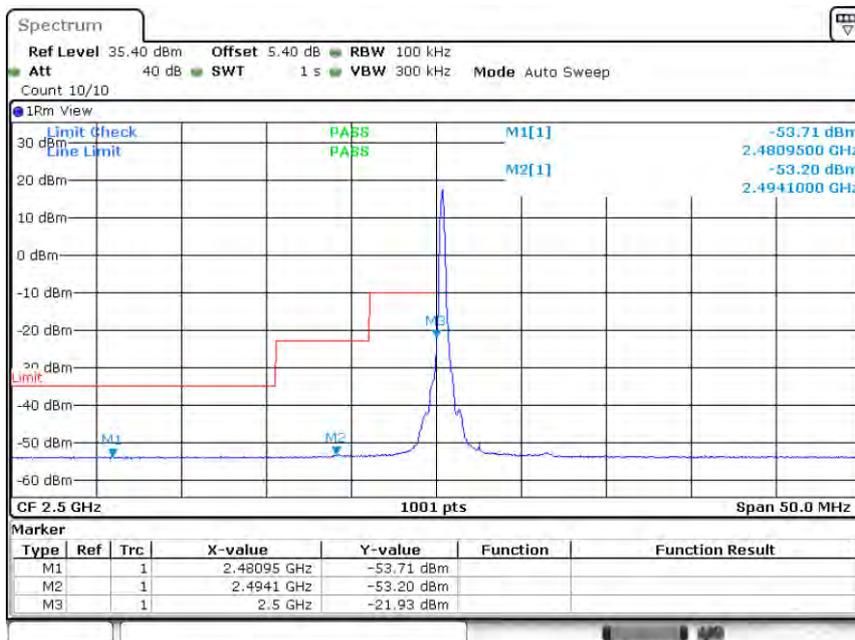
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Band7-5MHz-QPSK-21425-25RB#0



Date: 31 JUL 2020 10:41:13

Band7-5MHz-64QAM-20775-1RB#0

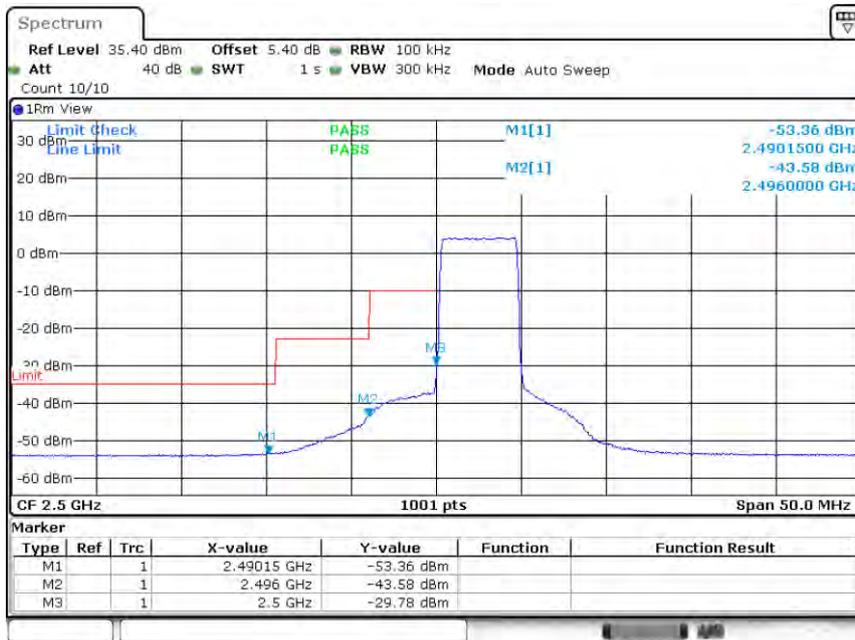


Date: 31 JUL 2020 14:43:27



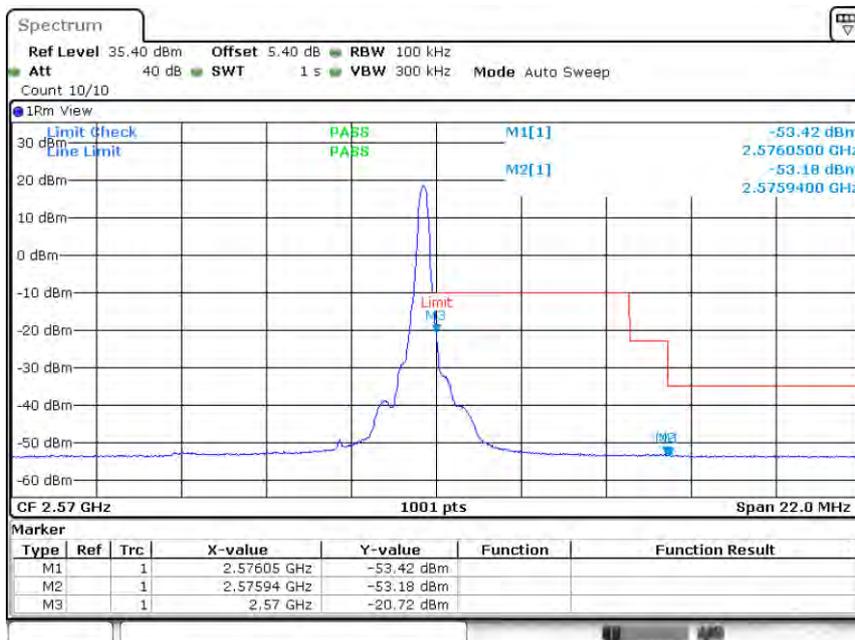
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Band7-5MHz-64QAM-20775-25RB#0



Date: 31 JUL 2020 14:44:20

Band7-5MHz-64QAM-21425-1RB#24

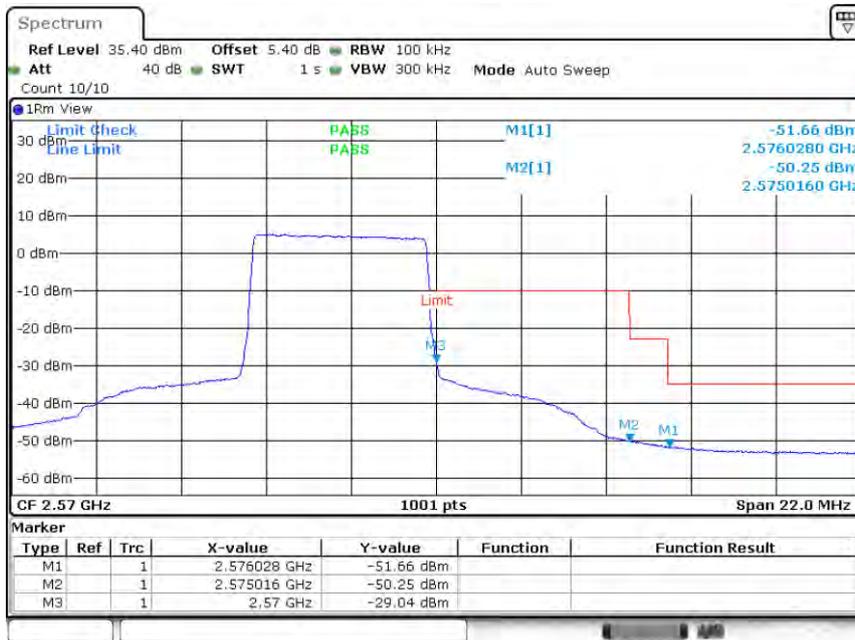


Date: 31 JUL 2020 14:43:52



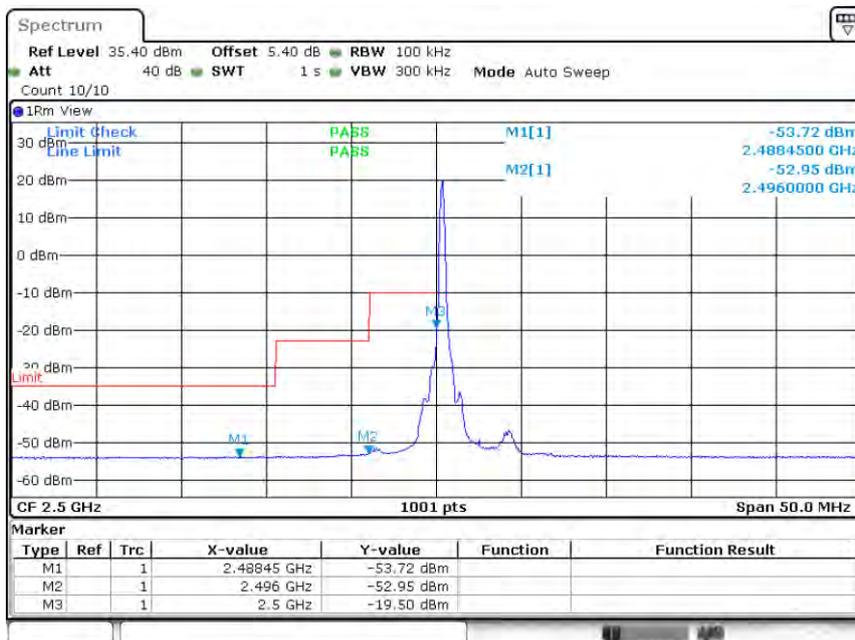
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Band7-5MHz-64QAM-21425-25RB#0



Date: 31.JUL.2020 14:44:42

Band7-5MHz-16QAM-20775-1RB#0

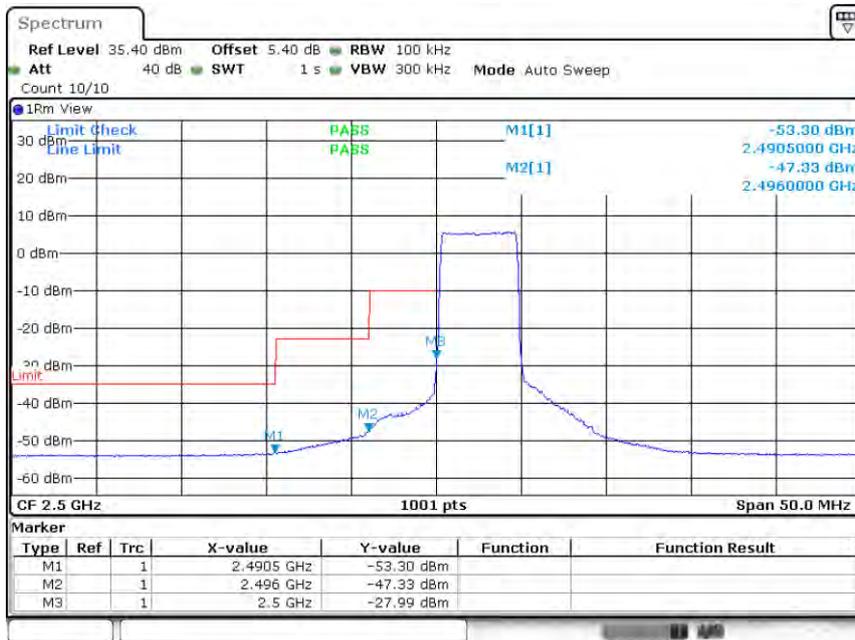


Date: 31.JUL.2020 10:39:19



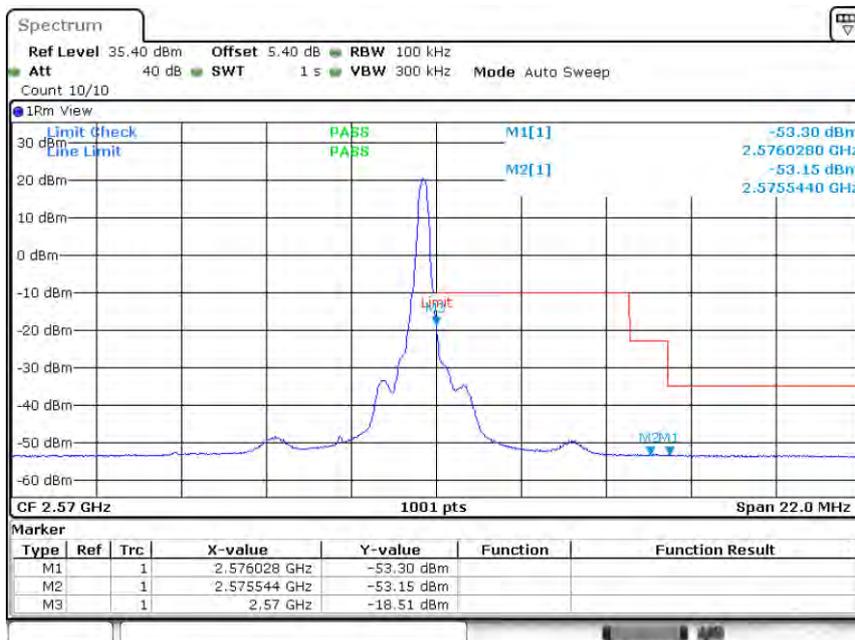
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Band7-5MHz-16QAM-20775-25RB#0



Date: 31 JUL 2020 10:40:52

Band7-5MHz-16QAM-21425-1RB#24

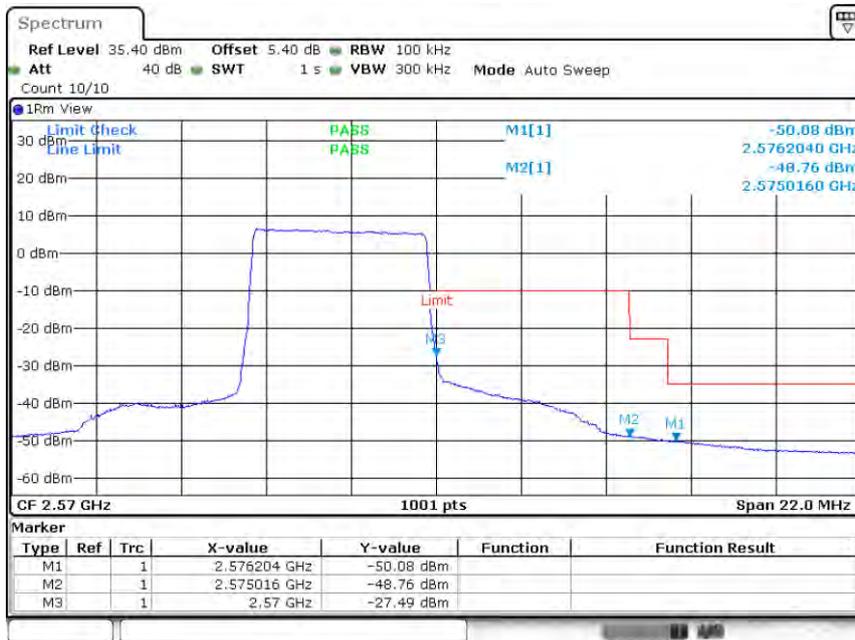


Date: 31 JUL 2020 10:40:05



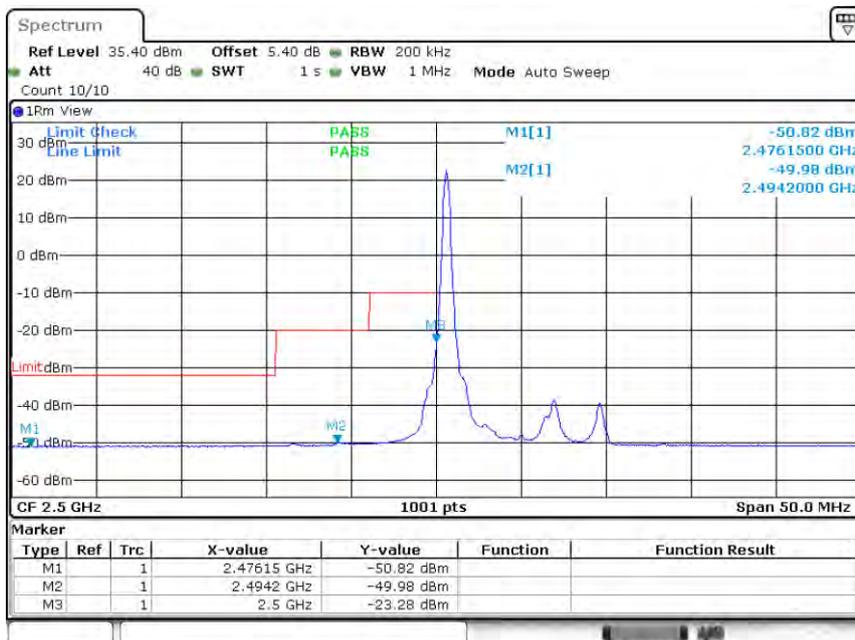
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Band7-5MHz-16QAM-21425-25RB#0



Date: 31 JUL 2020 10:41:35

Band7-10MHz-QPSK-20800-1RB#0

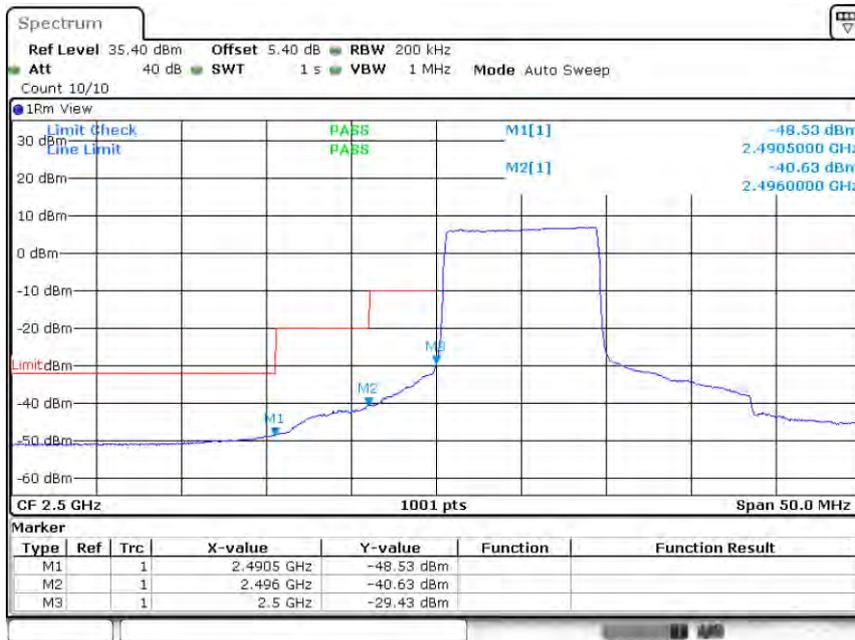


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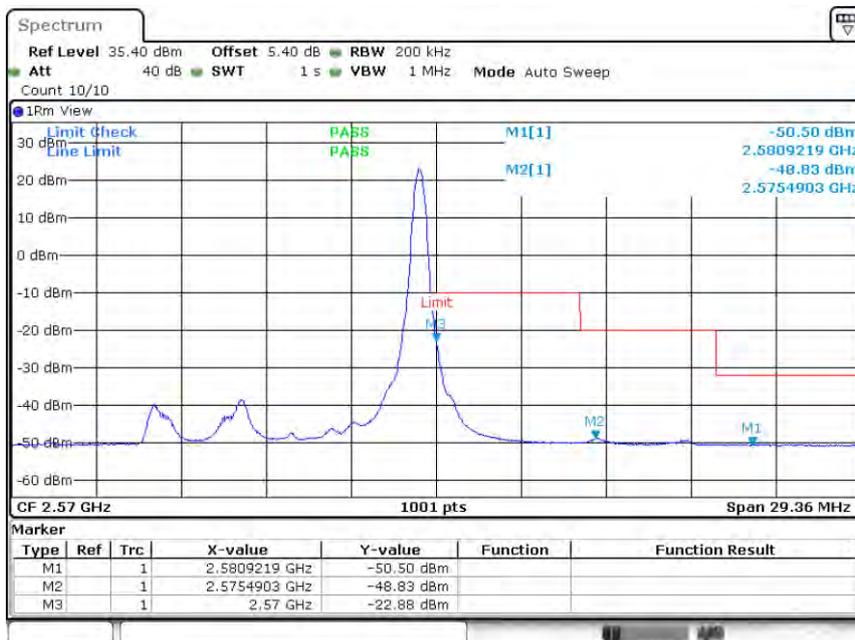
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Band7-10MHz-QPSK-20800-50RB#0



Date: 31.JUL.2020 10:43:34

Band7-10MHz-QPSK-21400-1RB#49

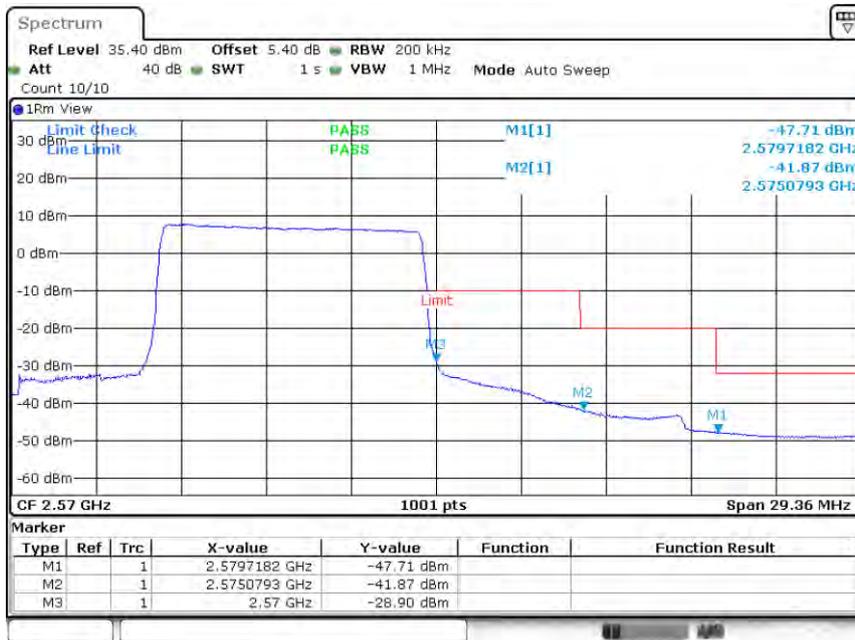


Date: 31.JUL.2020 10:42:47



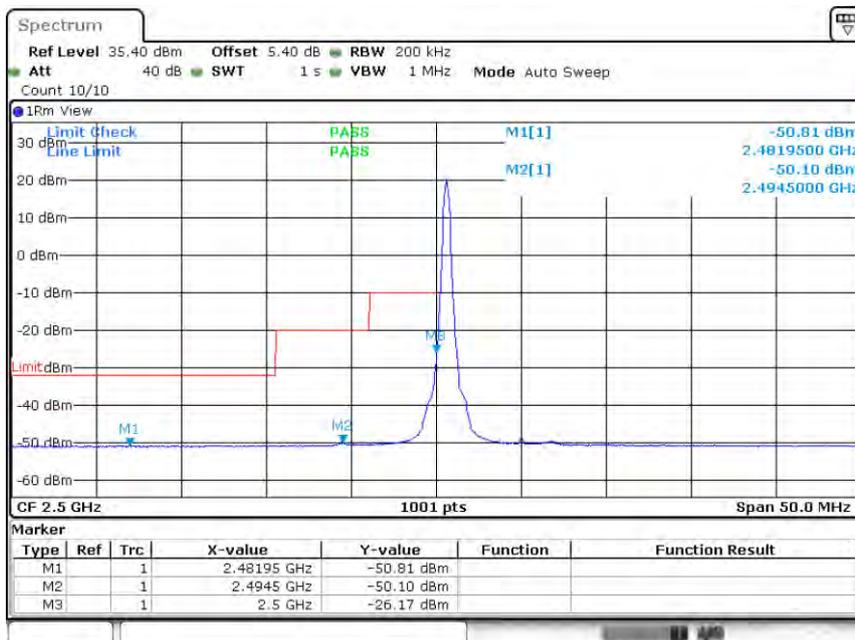
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Band7-10MHz-QPSK-21400-50RB#0



Date: 31.JUL.2020 10:44:16

Band7-10MHz-64QAM-20800-1RB#0

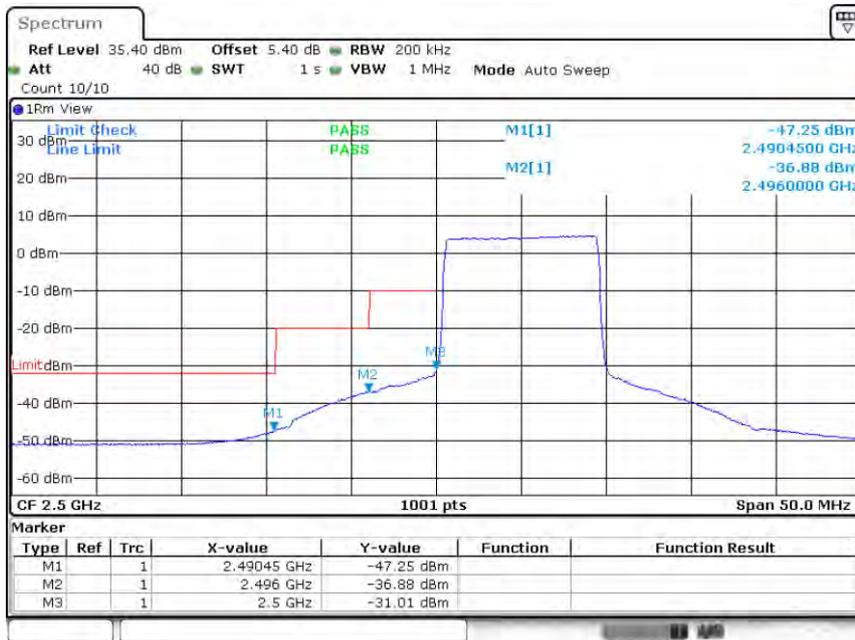


Date: 31.JUL.2020 14:45:08



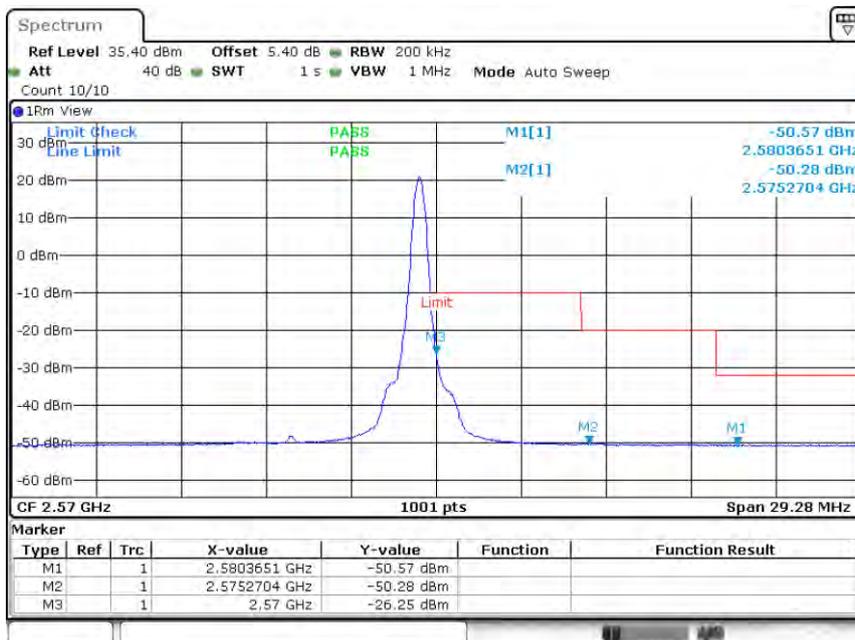
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Band7-10MHz-64QAM-20800-50RB#0



Date: 31 JUL 2020 14:45:59

Band7-10MHz-64QAM-21400-1RB#49

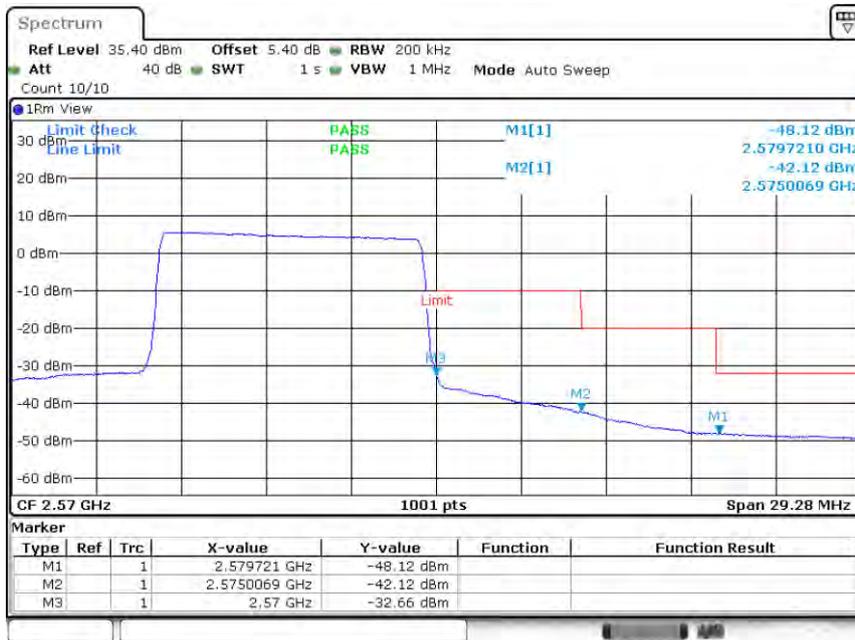


Date: 31 JUL 2020 14:45:34



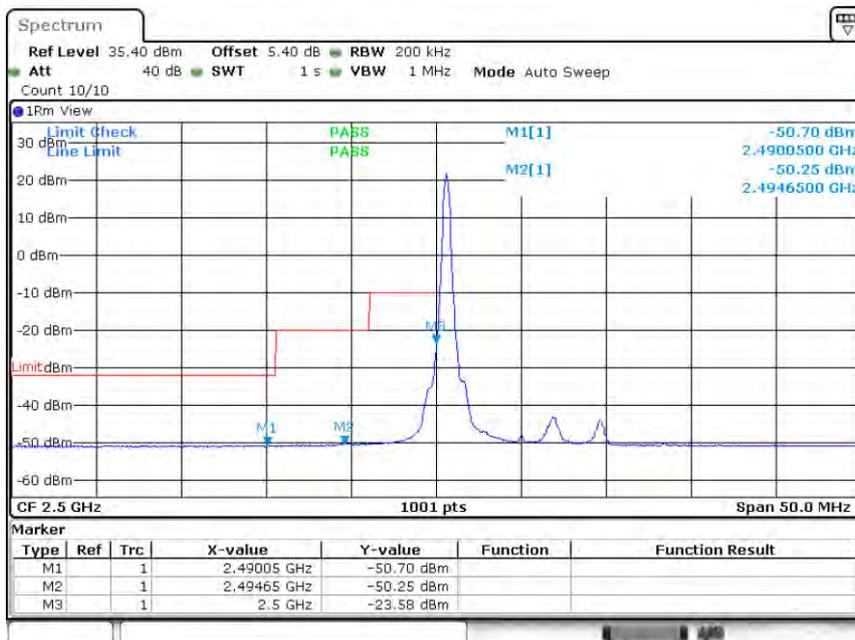
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Band7-10MHz-64QAM-21400-50RB#0



Date: 31 JUL 2020 14:46:21

Band7-10MHz-16QAM-20800-1RB#0

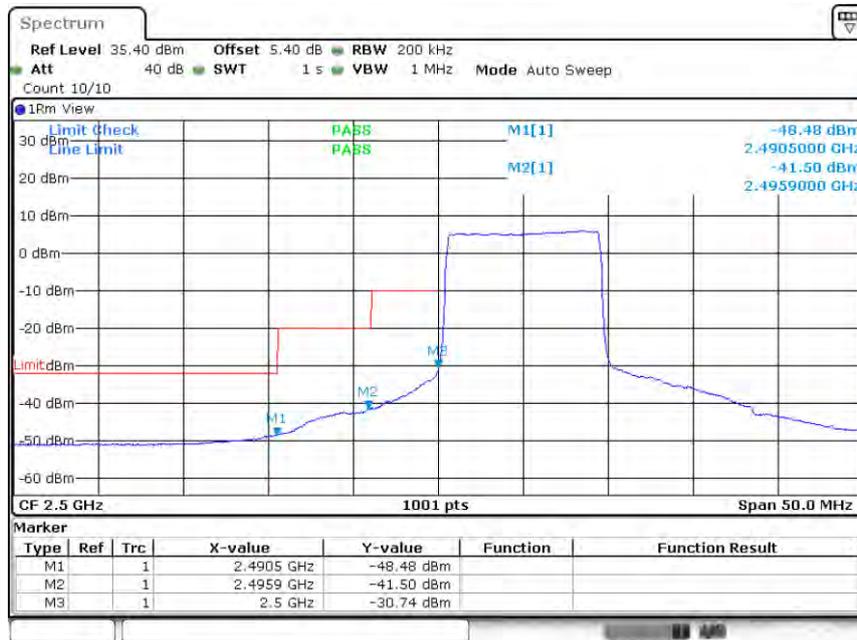


Date: 31 JUL 2020 10:42:22



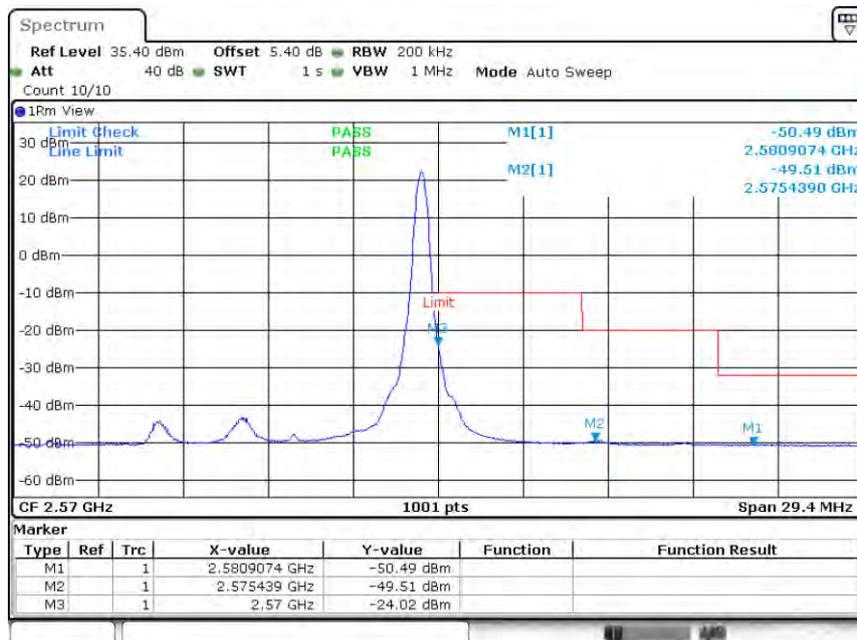
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Band7-10MHz-16QAM-20800-50RB#0



Date: 31 JUL 2020 10:43:56

Band7-10MHz-16QAM-21400-1RB#49

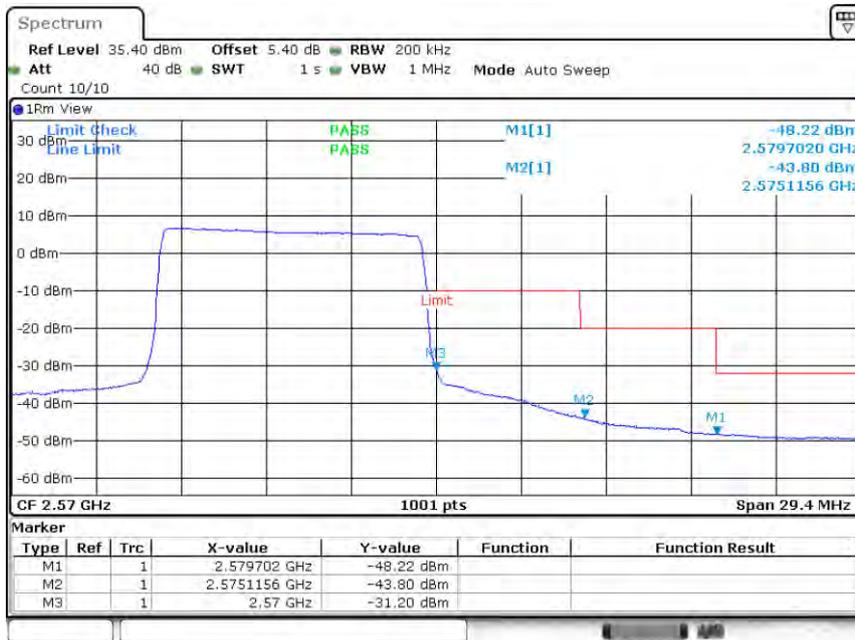


Date: 31 JUL 2020 10:43:08



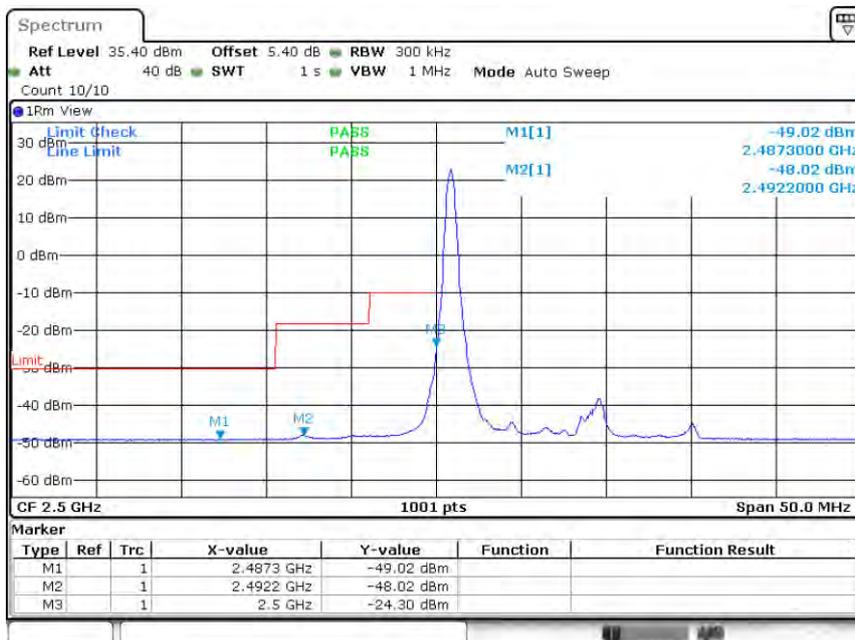
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Band7-10MHz-16QAM-21400-50RB#0



Date: 31 JUL 2020 10:44:38

Band7-15MHz-QPSK-20825-1RB#0

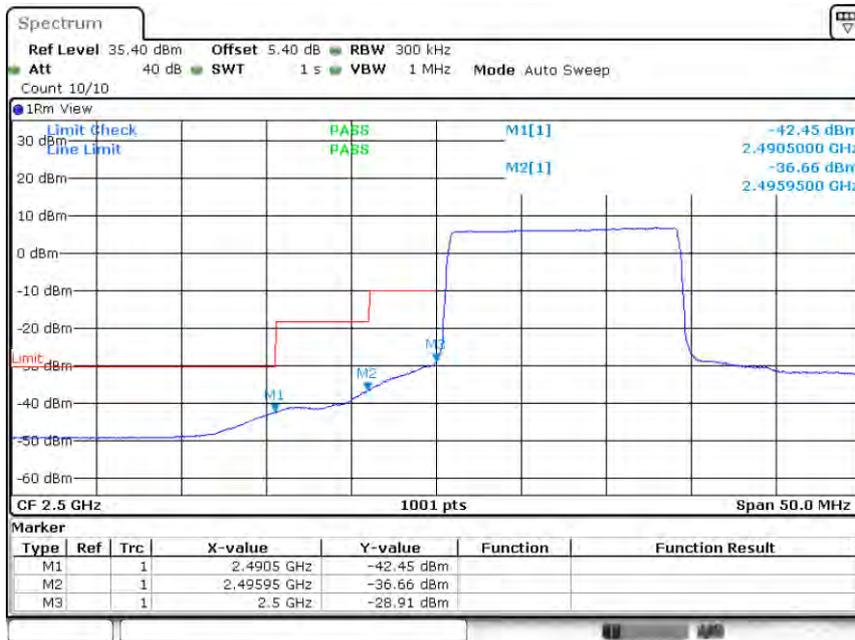


Date: 31 JUL 2020 10:45:04



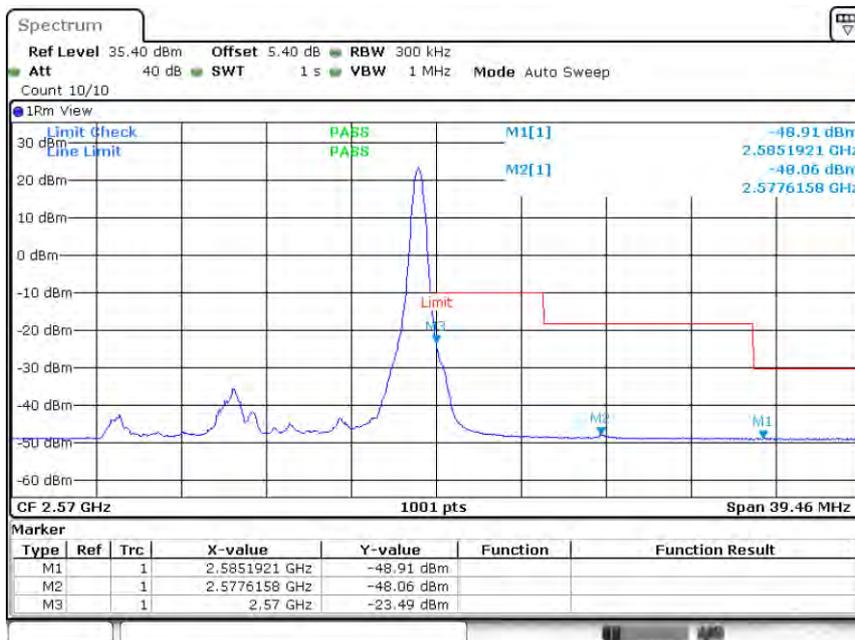
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Band7-15MHz-QPSK-20825-75RB#0



Date: 31 JUL 2020 10:46:37

Band7-15MHz-QPSK-21375-1RB#74

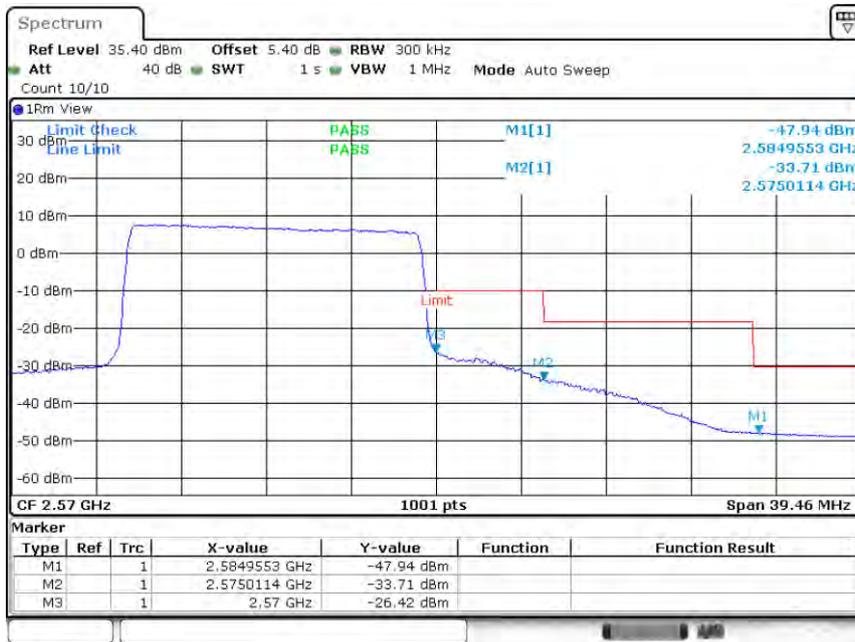


Date: 31 JUL 2020 10:45:50



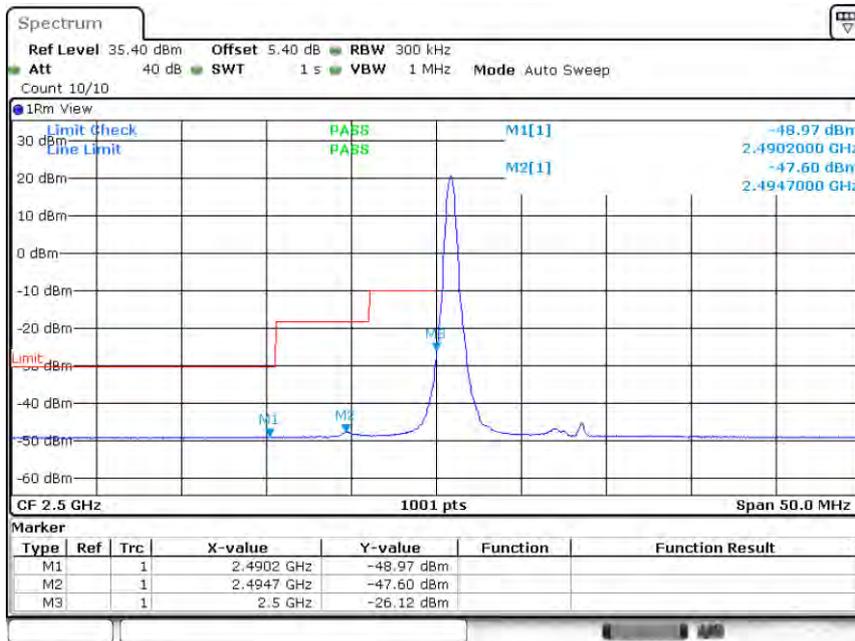
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Band7-15MHz-QPSK-21375-75RB#0



Date: 31 JUL 2020 10:47:19

Band7-15MHz-64QAM-20825-1RB#0

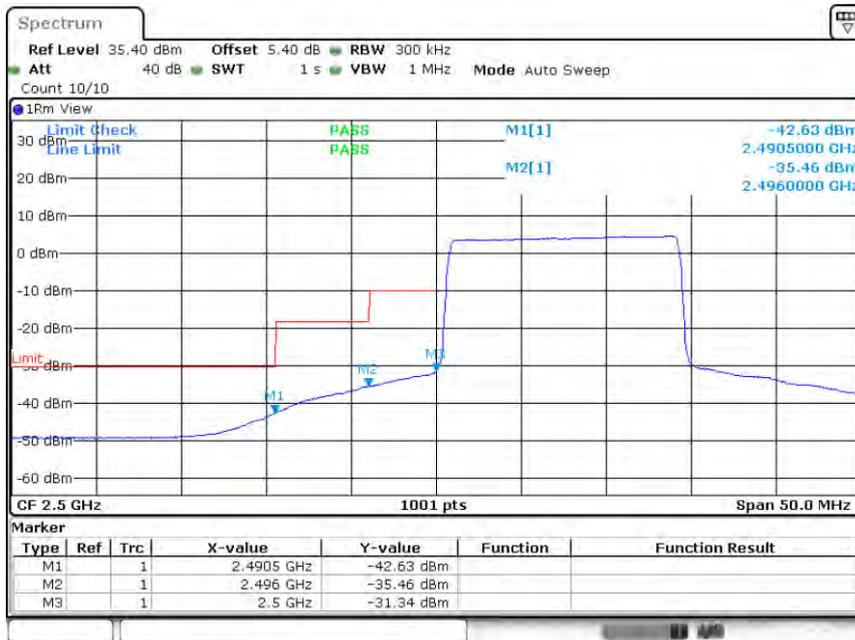


Date: 31 JUL 2020 14:46:47



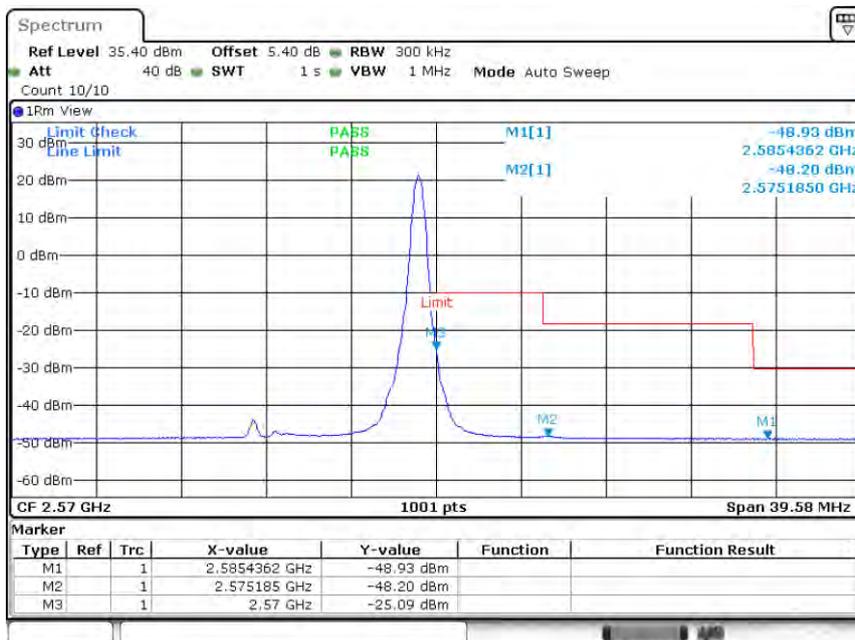
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Band7-15MHz-64QAM-20825-75RB#0



Date: 31.JUL.2020 14:47:43

Band7-15MHz-64QAM-21375-1RB#74

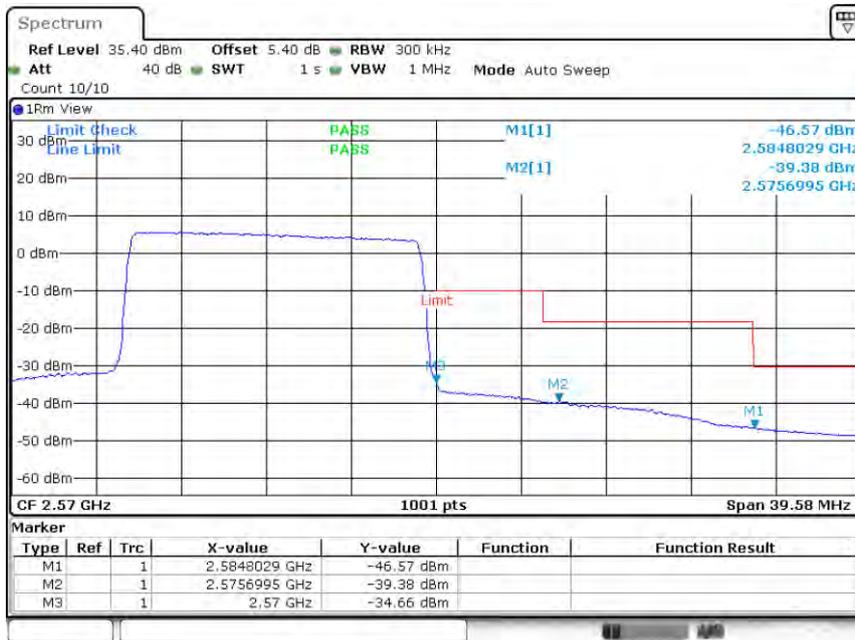


Date: 31.JUL.2020 14:47:17



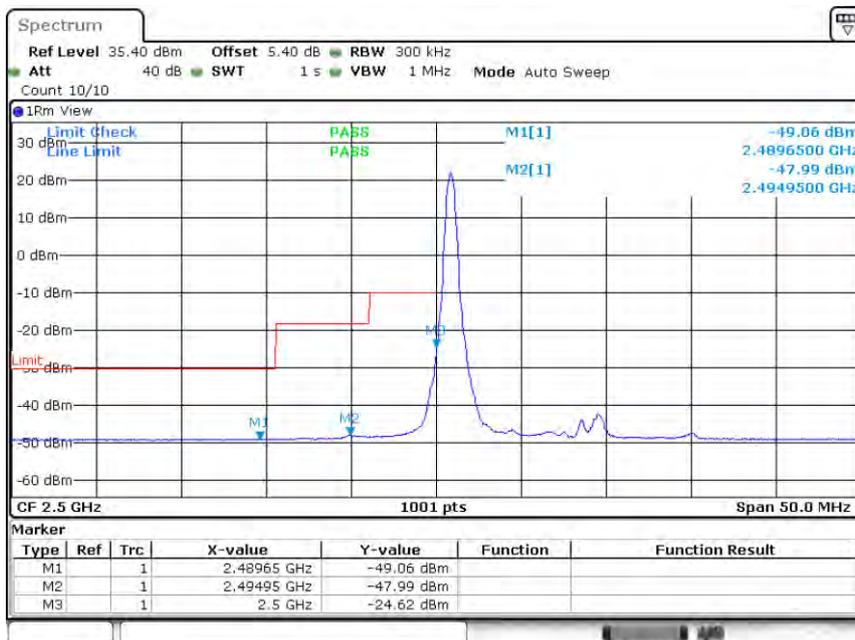
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Band7-15MHz-64QAM-21375-75RB#0



Date: 31 JUL 2020 14:48:04

Band7-15MHz-16QAM-20825-1RB#0

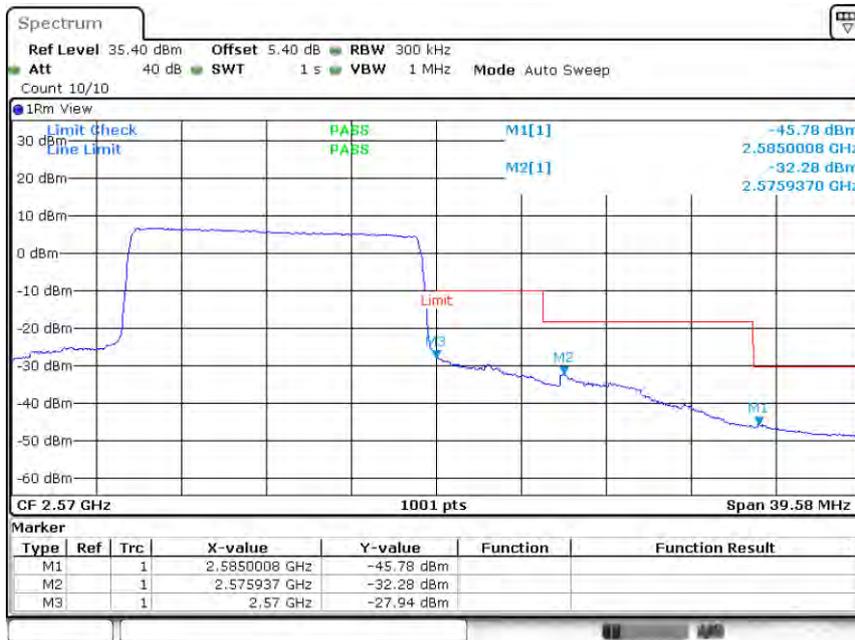


Date: 31 JUL 2020 10:45:25



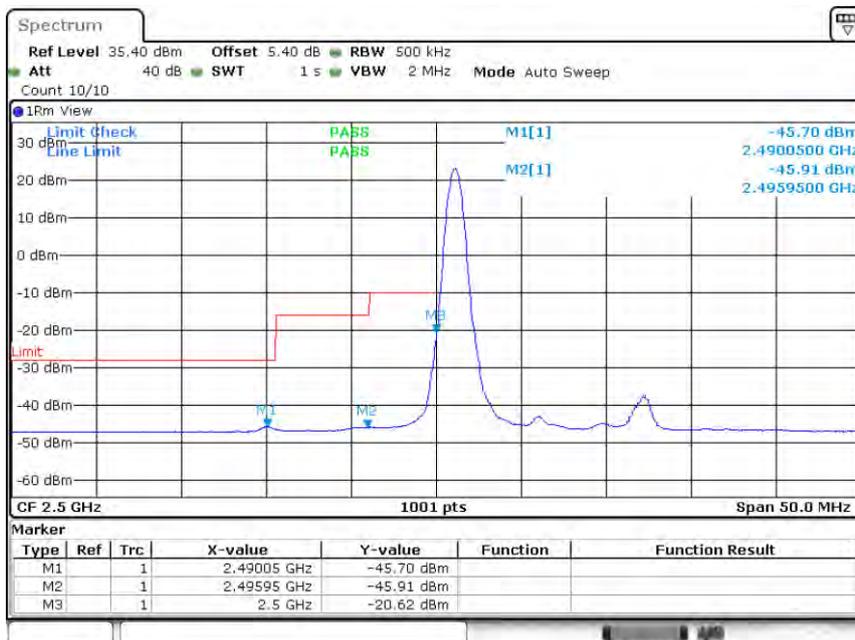
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Band7-15MHz-16QAM-21375-75RB#0



Date: 31 JUL 2020 10:47:40

Band7-20MHz-QPSK-20850-1RB#0

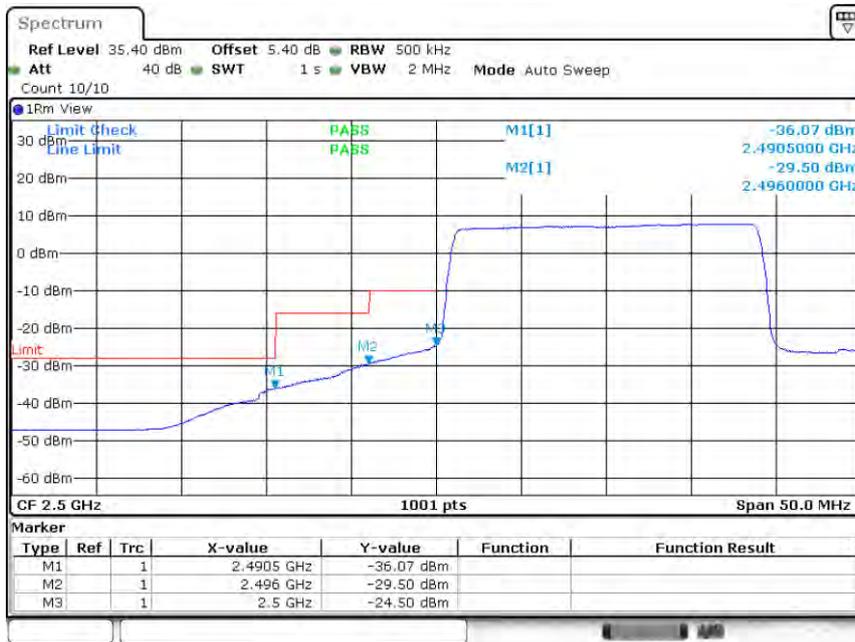


Date: 31 JUL 2020 10:48:06



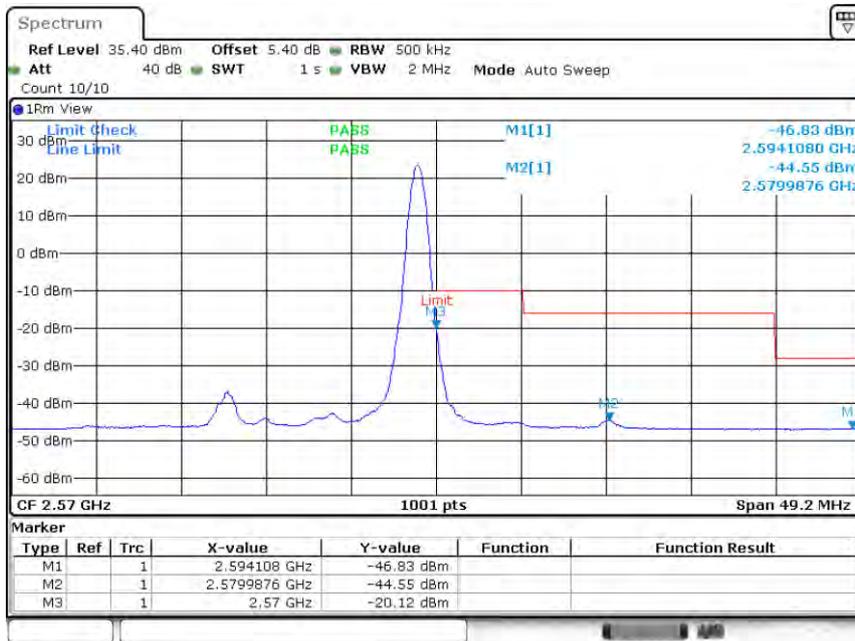
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Band7-20MHz-QPSK-20850-100RB#0



Date: 31 JUL 2020 10:49:40

Band7-20MHz-QPSK-21350-1RB#99

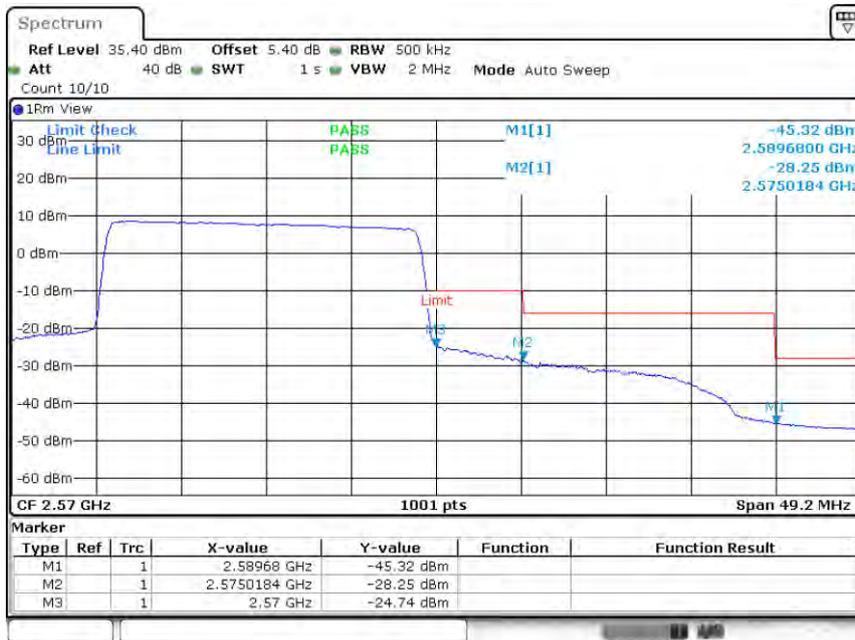


Date: 31 JUL 2020 10:48:53



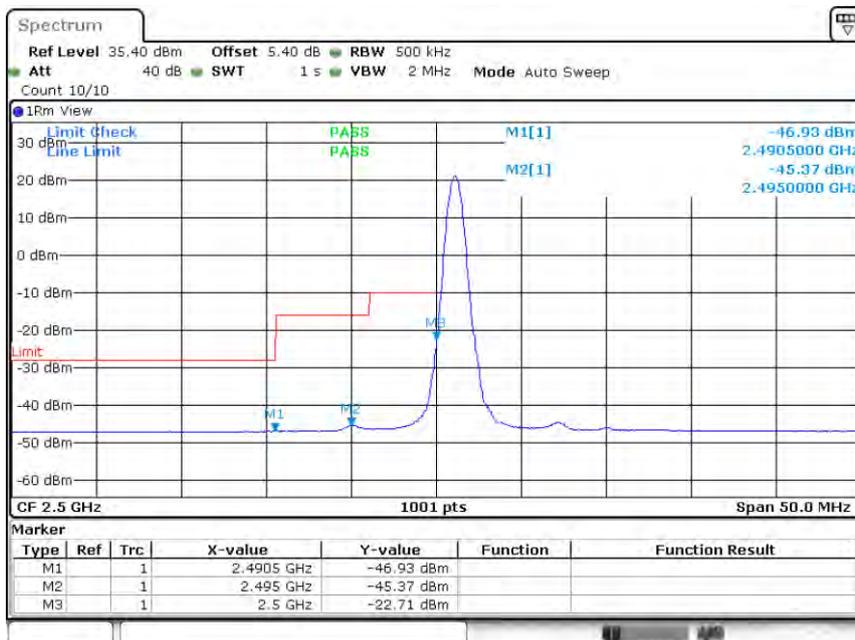
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Band7-20MHz-QPSK-21350-100RB#0



Date: 31 JUL 2020 10:50:22

Band7-20MHz-64QAM-20850-1RB#0



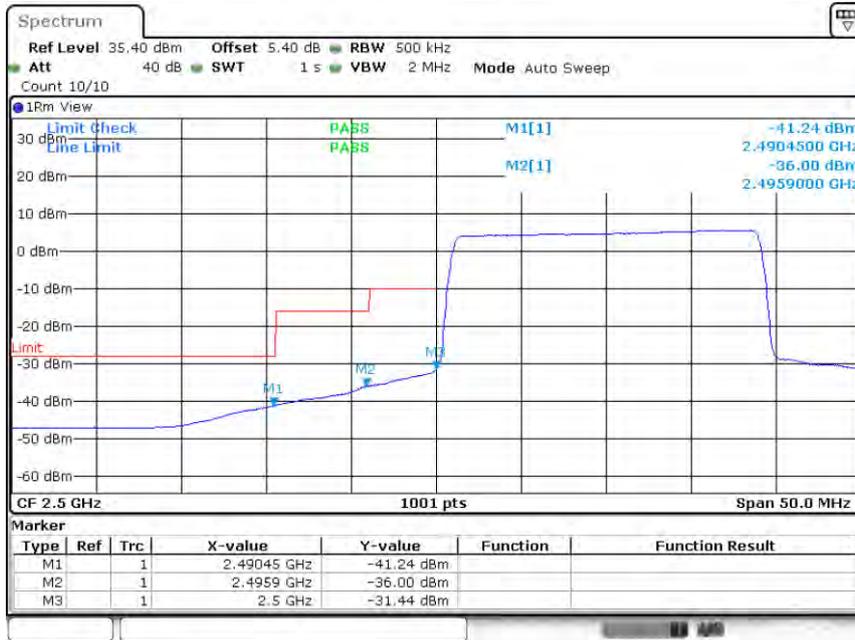
Date: 31 JUL 2020 14:48:31



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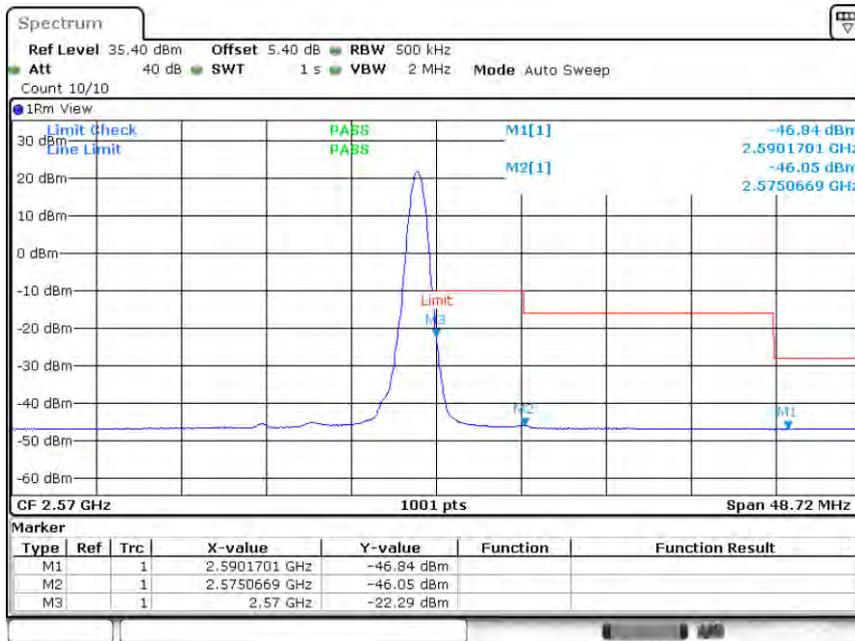


Band7-20MHz-64QAM-20850-100RB#0



Date: 31 JUL 2020 14:49:23

Band7-20MHz-64QAM-21350-1RB#99

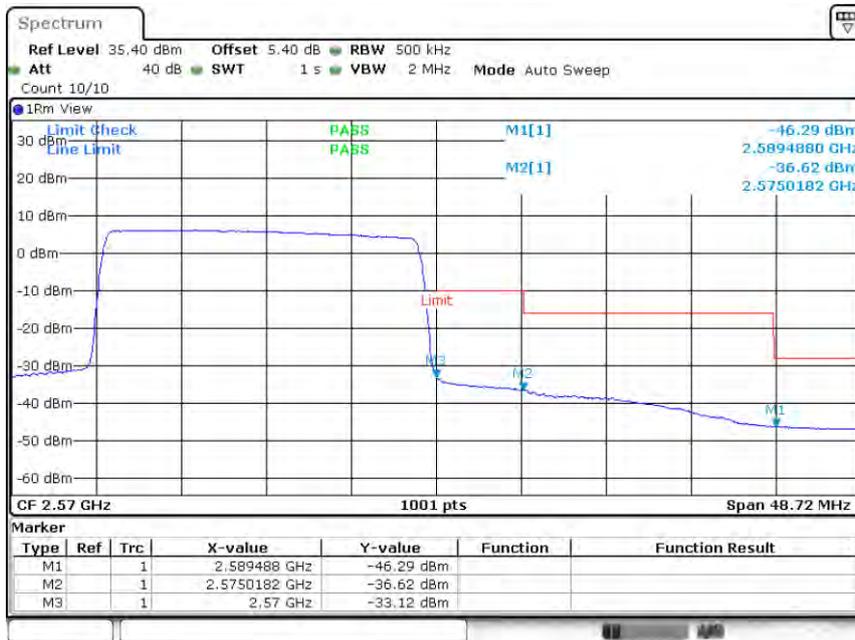


Date: 31 JUL 2020 14:48:57



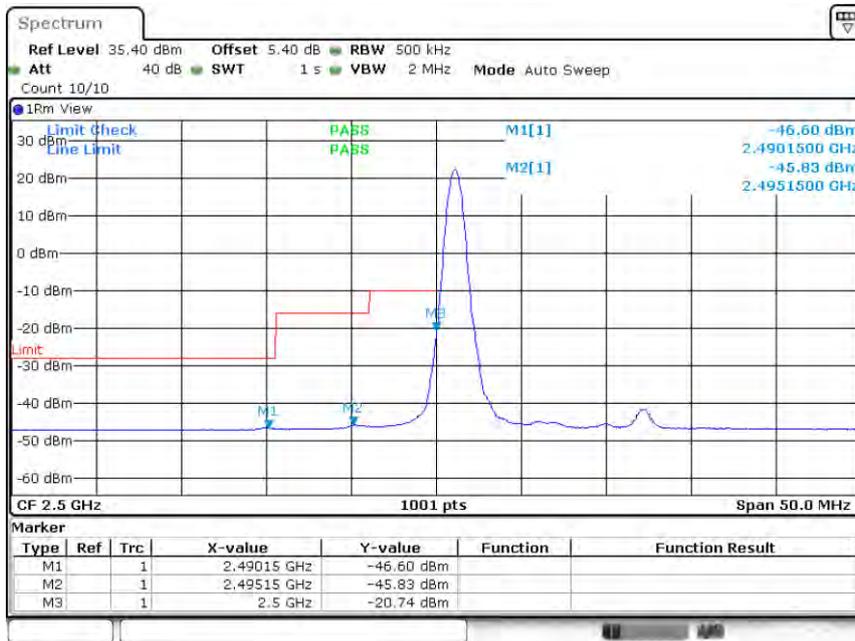
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Band7-20MHz-64QAM-21350-100RB#0



Date: 31 JUL 2020 14:49:44

Band7-20MHz-16QAM-20850-1RB#0

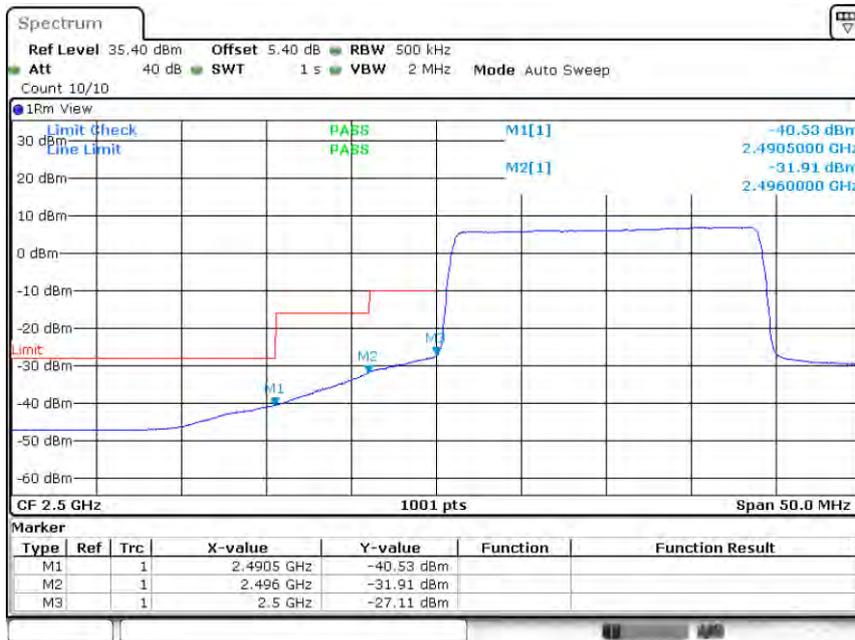


Date: 31 JUL 2020 10:48:28



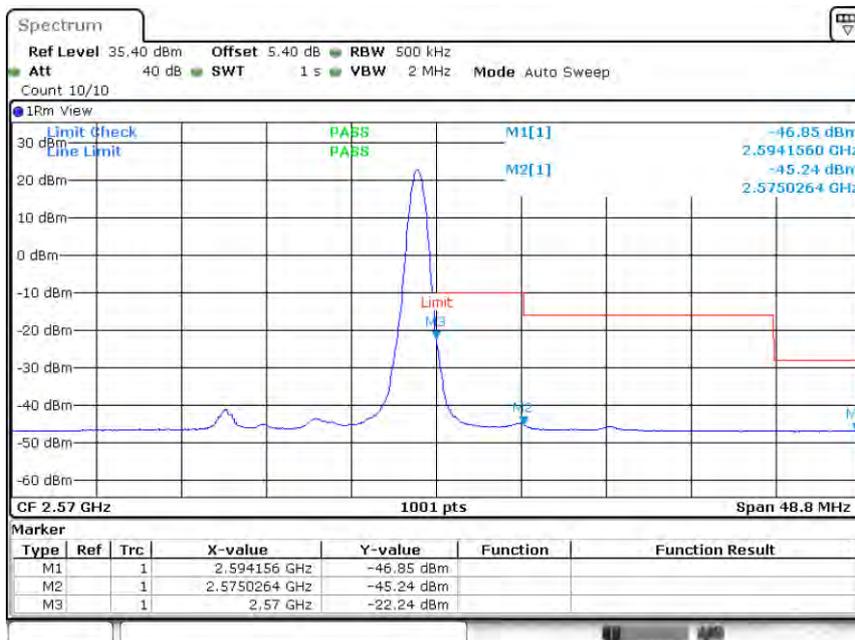
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Band7-20MHz-16QAM-20850-100RB#0



Date: 31 JUL 2020 10:50:01

Band7-20MHz-16QAM-21350-1RB#99

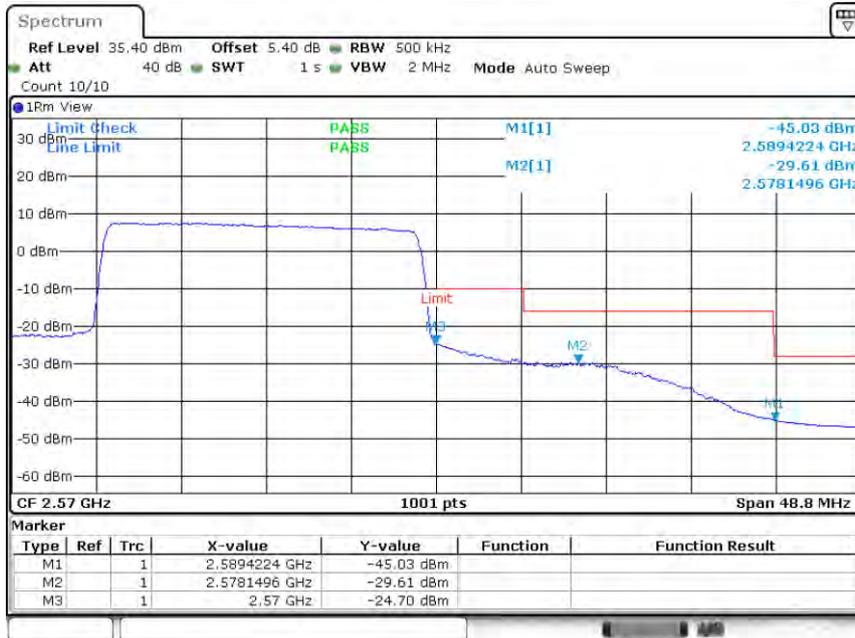


Date: 31 JUL 2020 10:49:14



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Band7-20MHz-16QAM-21350-100RB#0



Date: 31 JUL 2020 10:50:43



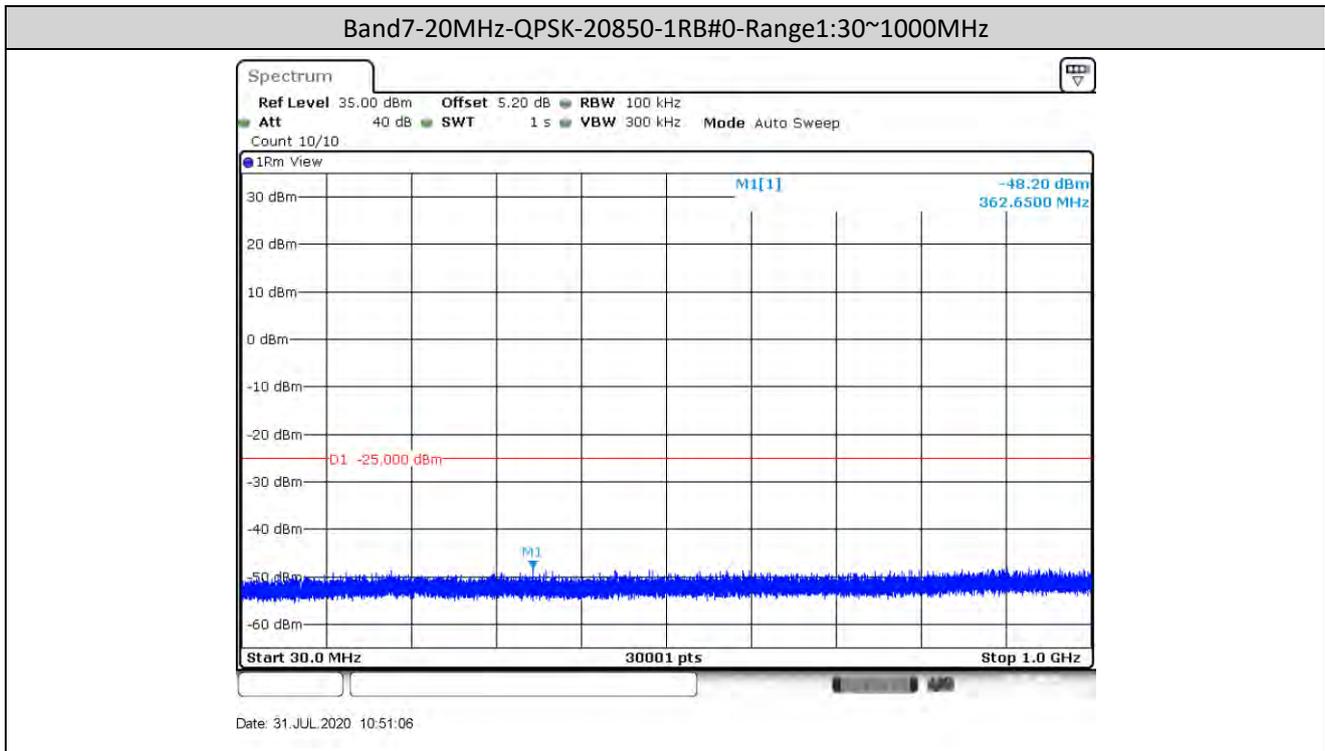
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6. Spurious Emission at Antenna Terminal

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.

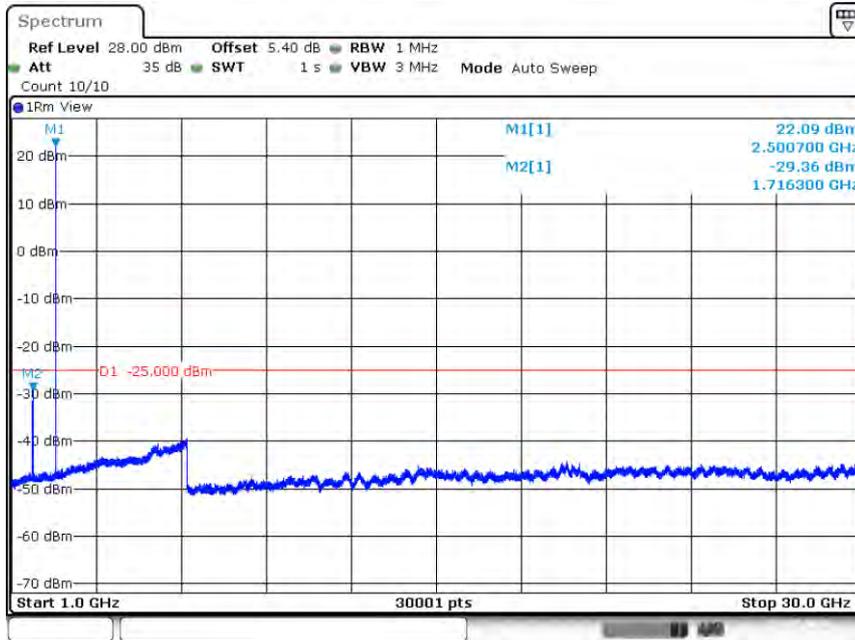
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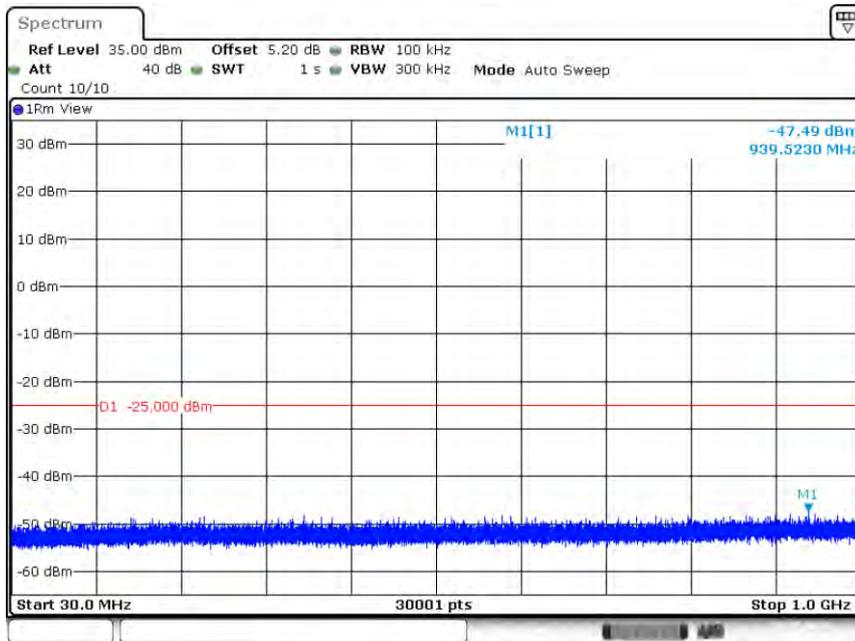
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Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:51:23

Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



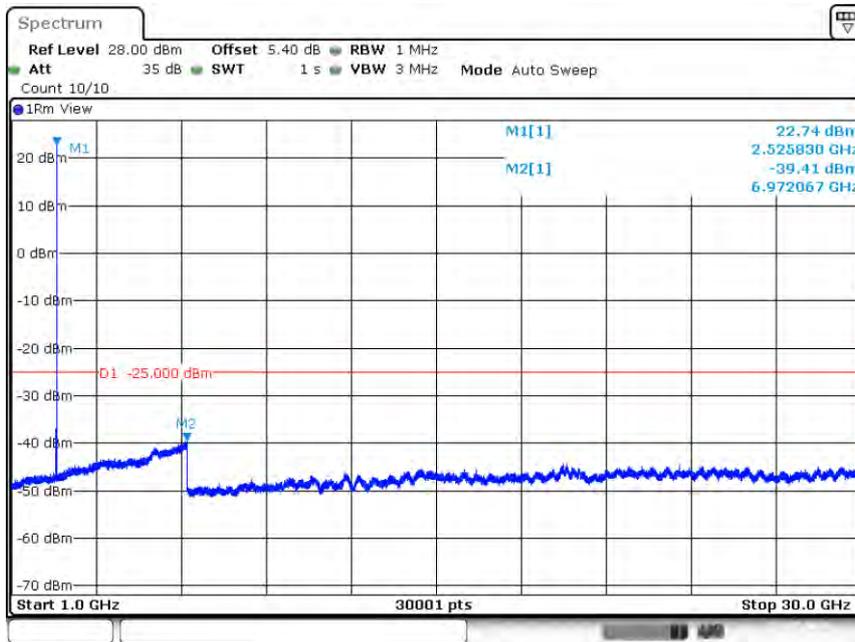
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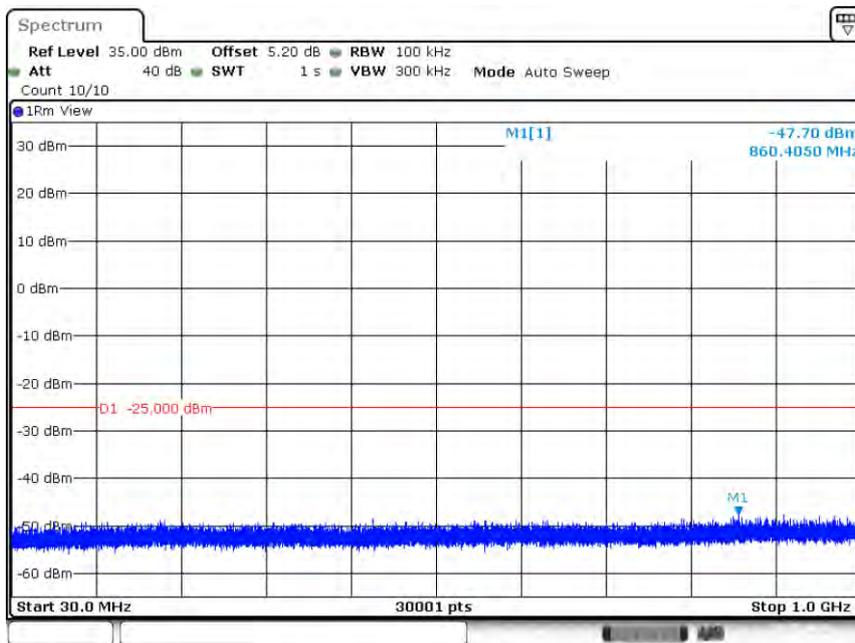
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Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:52:33

Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



Date: 31 JUL 2020 10:53:26

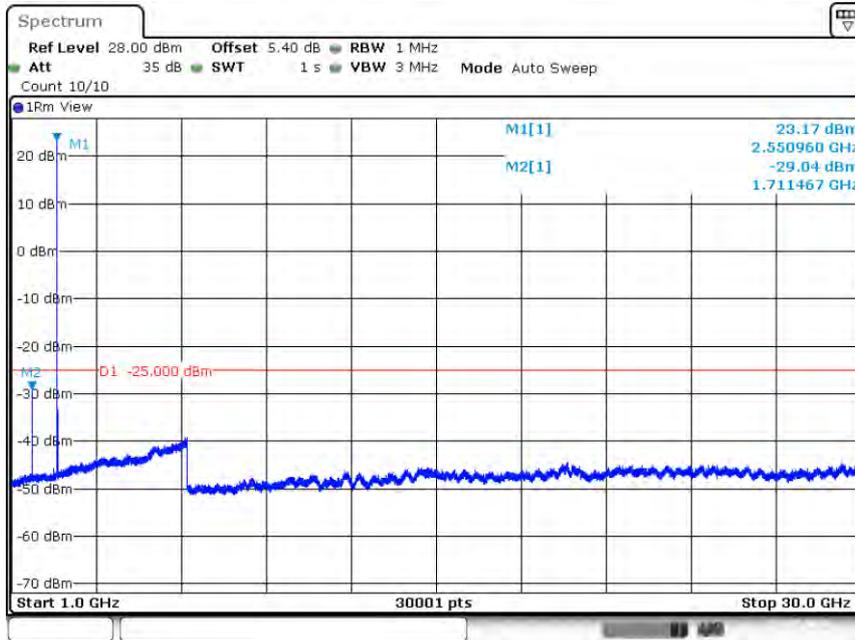


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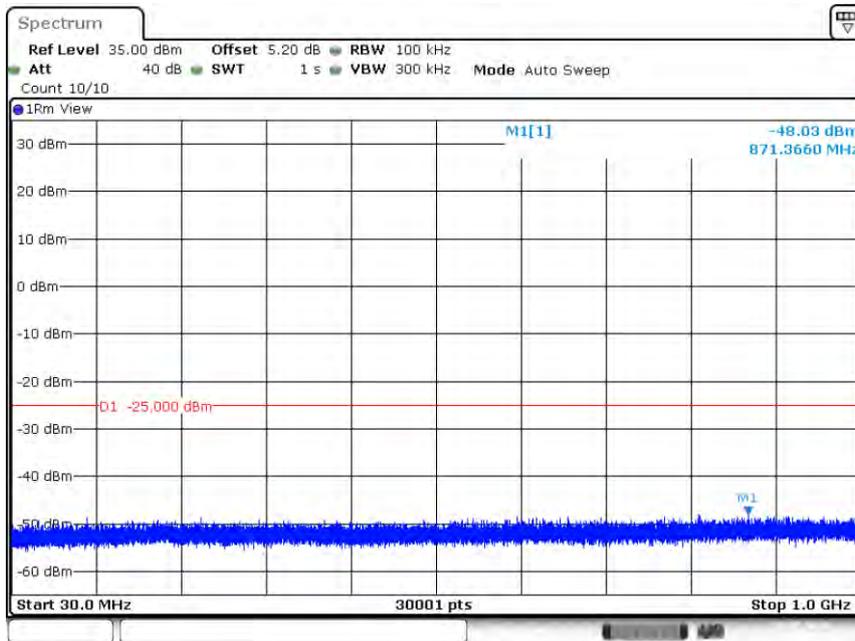
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Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:53:43

Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



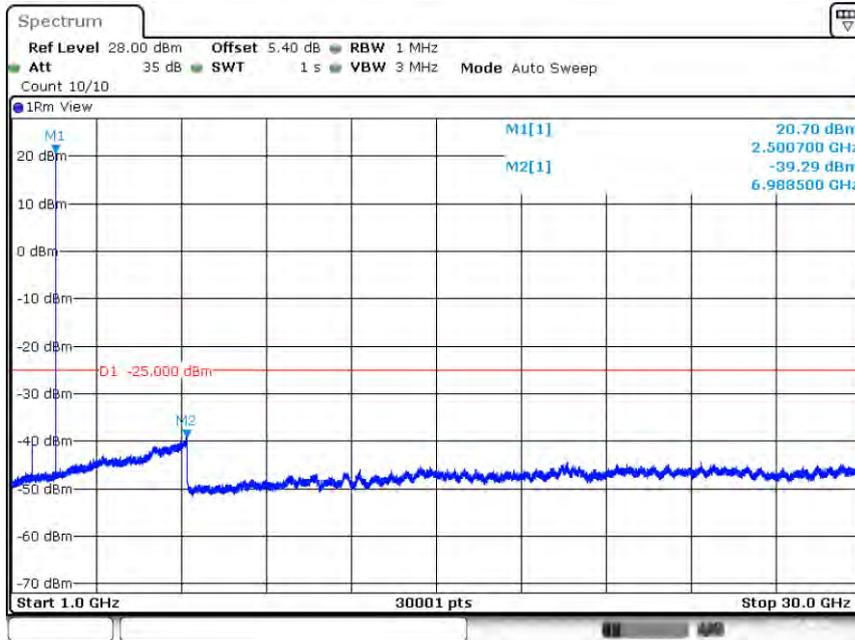
Date: 31 JUL 2020 14:50:07



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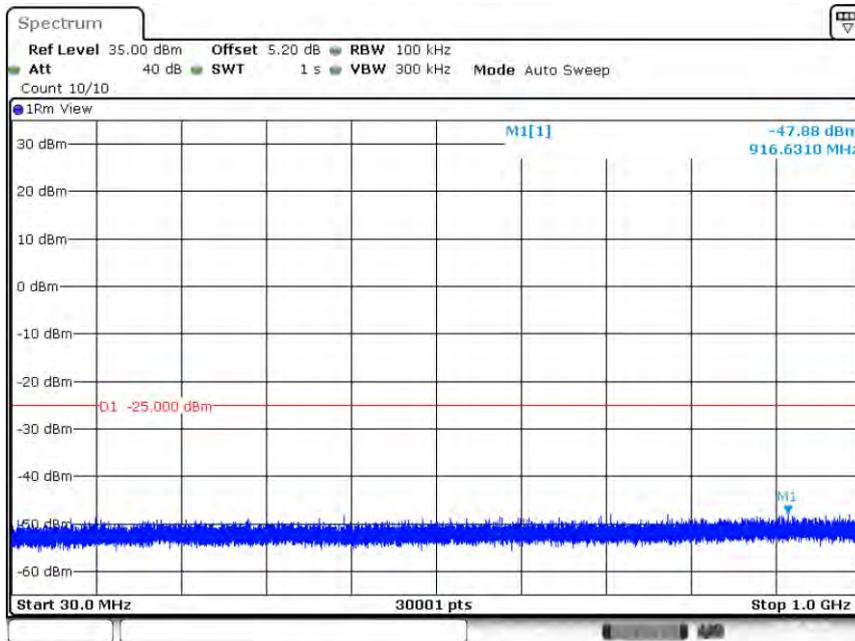
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Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 14:50:24

Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



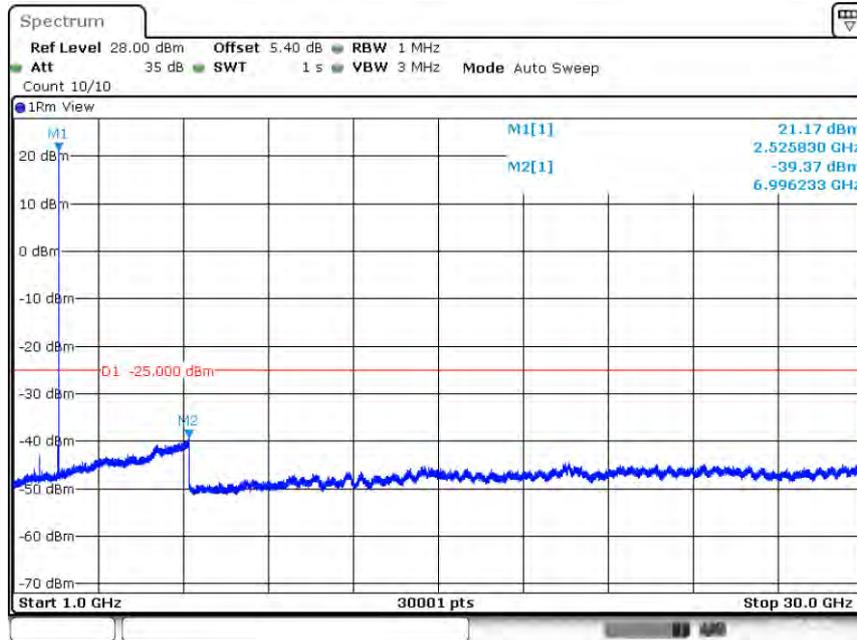
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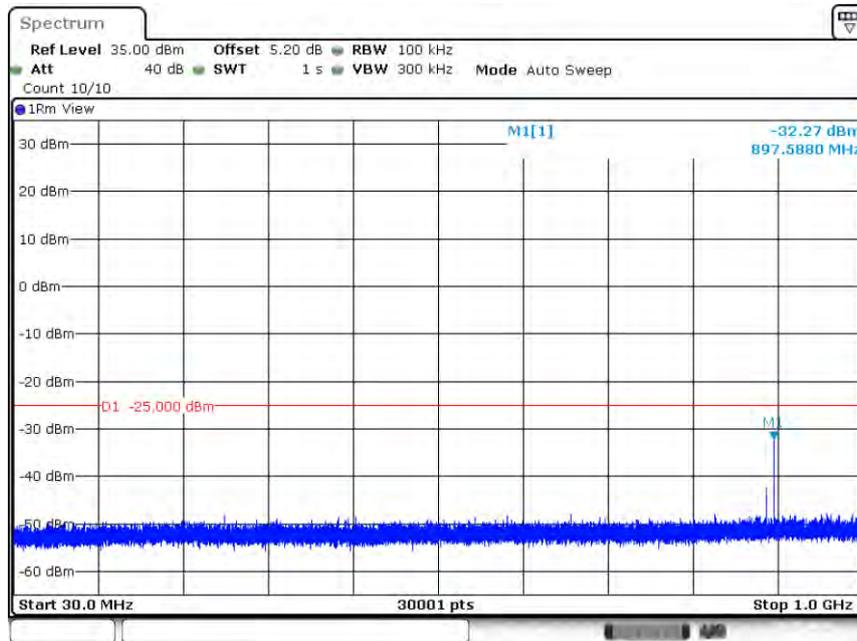
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Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 14:50:59

Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz

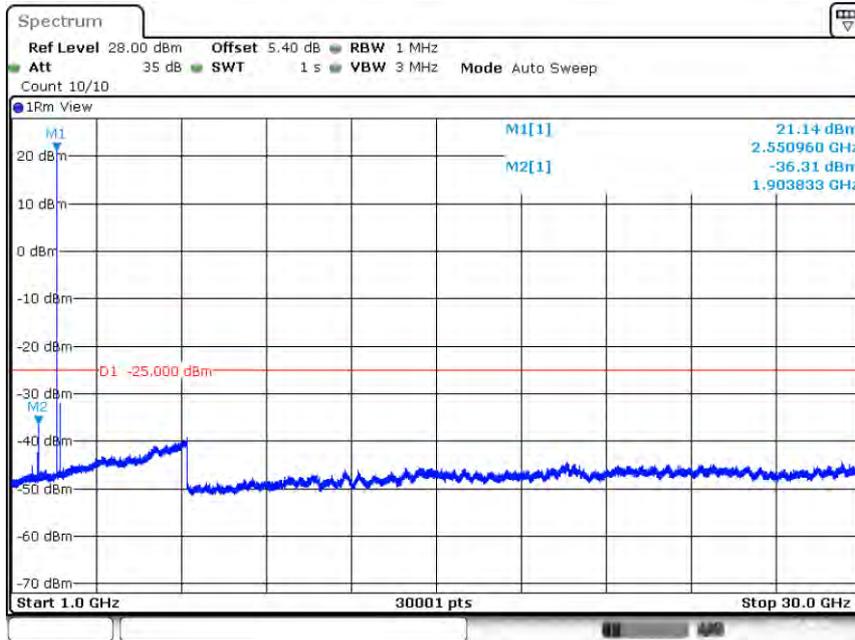


Date: 31 JUL 2020 14:51:18



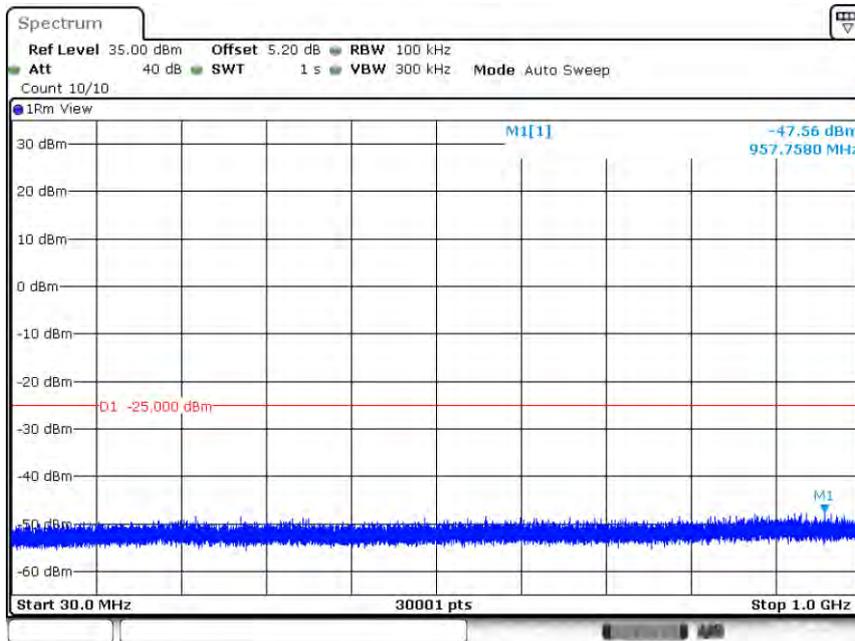
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Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 31.JUL.2020 14:51:34

Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



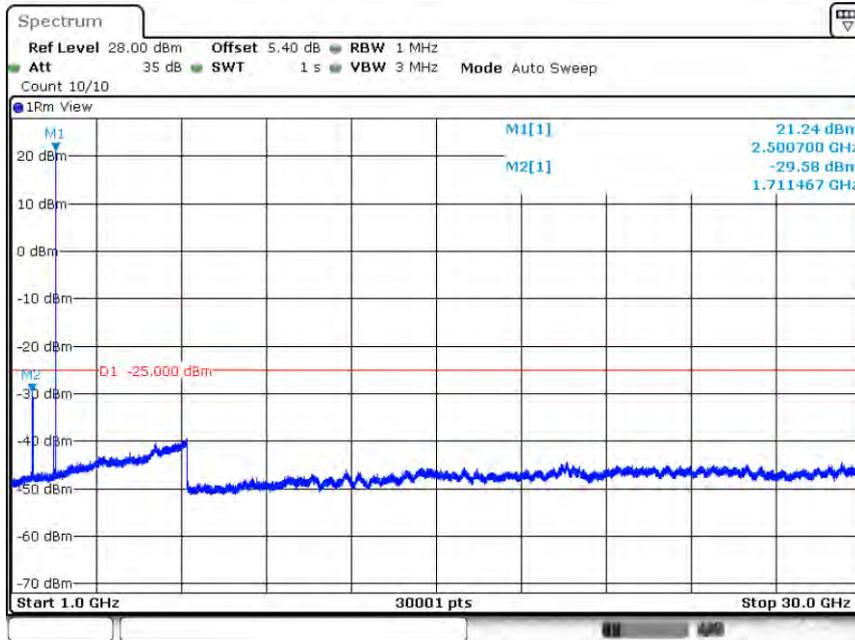
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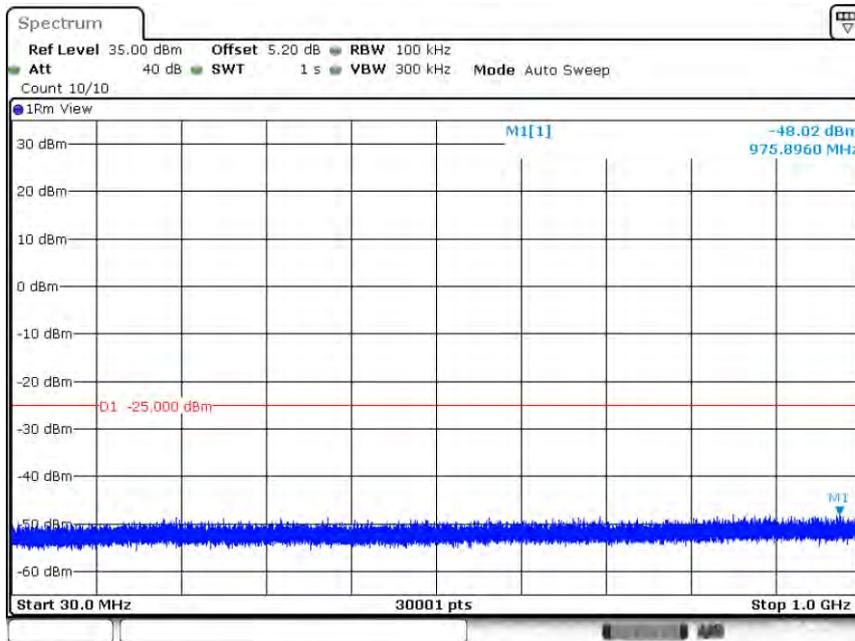
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Date: 31 JUL 2020 10:51:58

Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



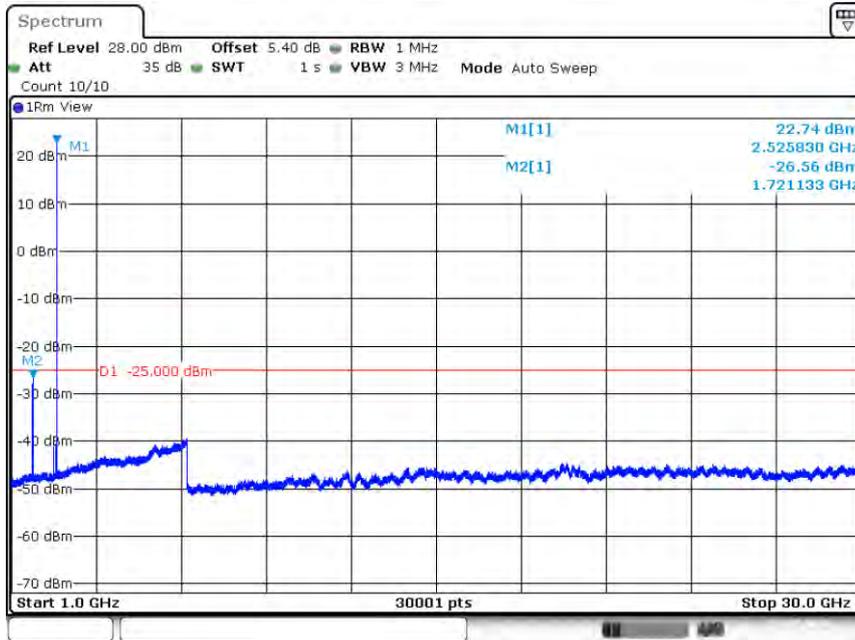
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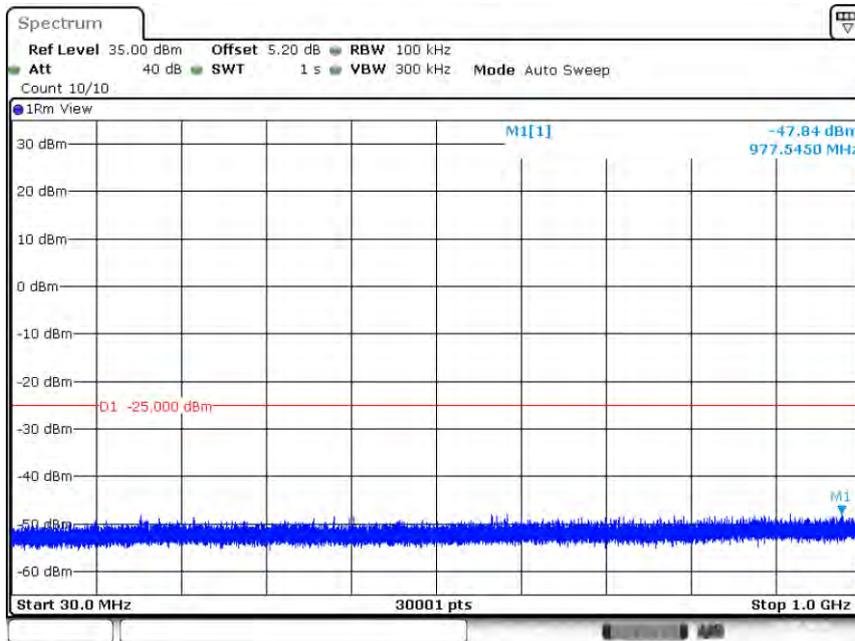
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:53:07

Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz

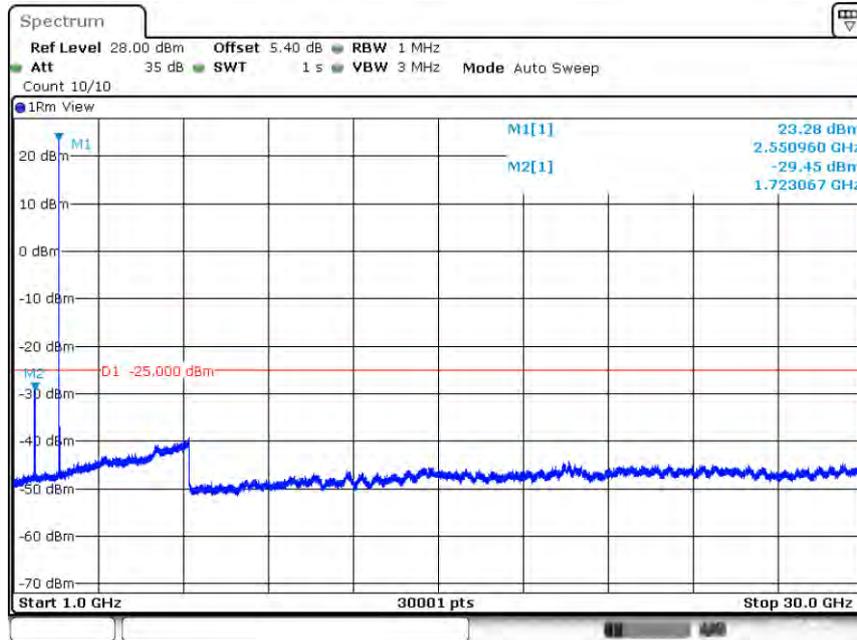


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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7(Ant 1)

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 31.2611 | -73.03 | -25.00 | 48.03 | Vertical |
| 107.7494 | -65.25 | -25.00 | 40.25 | Vertical |
| 337.0689 | -69.41 | -25.00 | 44.41 | Vertical |
| 5002.2801 | -58.06 | -25.00 | 33.06 | Vertical |
| 7462.9785 | -57.58 | -25.00 | 32.58 | Vertical |
| 17992.7997 | -42.09 | -25.00 | 17.09 | Vertical |
| 39.3125 | -65.18 | -25.00 | 40.18 | Horizontal |
| 106.3428 | -75.27 | -25.00 | 50.27 | Horizontal |
| 245.2053 | -69.01 | -25.00 | 44.01 | Horizontal |
| 5002.2801 | -55.12 | -25.00 | 30.12 | Horizontal |
| 9329.0532 | -54.92 | -25.00 | 29.92 | Horizontal |
| 16387.7355 | -46.10 | -25.00 | 21.10 | Horizontal |

7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 31.0671 | -73.55 | -25.00 | 48.55 | Vertical |
| 109.9805 | -64.15 | -25.00 | 39.15 | Vertical |
| 312.2841 | -69.31 | -25.00 | 44.31 | Vertical |
| 5052.0821 | -54.95 | -25.00 | 29.95 | Vertical |
| 10687.5075 | -53.46 | -25.00 | 28.46 | Vertical |
| 17992.1997 | -42.20 | -25.00 | 17.20 | Vertical |
| 41.5921 | -65.13 | -25.00 | 40.13 | Horizontal |
| 83.0132 | -75.44 | -25.00 | 50.44 | Horizontal |
| 237.3964 | -68.89 | -25.00 | 43.89 | Horizontal |
| 5052.0821 | -52.27 | -25.00 | 27.27 | Horizontal |
| 10010.6804 | -54.51 | -25.00 | 29.51 | Horizontal |
| 16404.5362 | -45.46 | -25.00 | 20.46 | Horizontal |



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7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.5820 | -73.12 | -25.00 | 48.12 | Vertical |
| 110.0290 | -65.71 | -25.00 | 40.71 | Vertical |
| 385.6683 | -67.78 | -25.00 | 42.78 | Vertical |
| 5102.4841 | -56.26 | -25.00 | 31.26 | Vertical |
| 10547.1019 | -53.47 | -25.00 | 28.47 | Vertical |
| 17997.5999 | -42.17 | -25.00 | 17.17 | Vertical |
| 42.6591 | -65.15 | -25.00 | 40.15 | Horizontal |
| 101.1046 | -75.91 | -25.00 | 50.91 | Horizontal |
| 231.2851 | -69.12 | -25.00 | 44.12 | Horizontal |
| 5101.8841 | -53.72 | -25.00 | 28.72 | Horizontal |
| 9353.6541 | -54.71 | -25.00 | 29.71 | Horizontal |
| 16394.9358 | -45.73 | -25.00 | 20.73 | Horizontal |

7.2. Test Band = LTE Band 7(Ant4)

7.2.1. Test Mode = LTE/TM1 20MHz

7.2.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 31.4551 | -73.32 | -25.00 | 48.32 | Vertical |
| 107.9919 | -65.35 | -25.00 | 40.35 | Vertical |
| 331.4426 | -69.20 | -25.00 | 44.20 | Vertical |
| 5002.2801 | -54.80 | -25.00 | 29.80 | Vertical |
| 10683.9074 | -53.44 | -25.00 | 28.44 | Vertical |
| 17987.3995 | -42.25 | -25.00 | 17.25 | Vertical |
| 41.9801 | -65.04 | -25.00 | 40.04 | Horizontal |
| 78.8419 | -75.56 | -25.00 | 50.56 | Horizontal |
| 237.7359 | -68.98 | -25.00 | 43.98 | Horizontal |
| 5001.6801 | -55.93 | -25.00 | 30.93 | Horizontal |
| 9326.0530 | -54.74 | -25.00 | 29.74 | Horizontal |
| 16390.7356 | -45.87 | -25.00 | 20.87 | Horizontal |



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7.2.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 30.9700 | -73.04 | -25.00 | 48.04 | Vertical |
| 111.3871 | -65.23 | -25.00 | 40.23 | Vertical |
| 286.8203 | -69.50 | -25.00 | 44.50 | Vertical |
| 5052.0821 | -52.88 | -25.00 | 27.88 | Vertical |
| 11382.3353 | -53.74 | -25.00 | 28.74 | Vertical |
| 17995.7998 | -42.75 | -25.00 | 17.75 | Vertical |
| 42.3196 | -65.12 | -25.00 | 40.12 | Horizontal |
| 110.3685 | -76.87 | -25.00 | 51.87 | Horizontal |
| 234.7287 | -69.11 | -25.00 | 44.11 | Horizontal |
| 5052.0821 | -54.88 | -25.00 | 29.88 | Horizontal |
| 10592.7037 | -54.05 | -25.00 | 29.05 | Horizontal |
| 16393.7357 | -45.59 | -25.00 | 20.59 | Horizontal |

7.2.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 31.0186 | -73.81 | -25.00 | 48.81 | Vertical |
| 113.4242 | -64.74 | -25.00 | 39.74 | Vertical |
| 293.0772 | -69.96 | -25.00 | 44.96 | Vertical |
| 5101.8841 | -55.64 | -25.00 | 30.64 | Vertical |
| 10692.3077 | -53.38 | -25.00 | 28.38 | Vertical |
| 17994.5998 | -42.49 | -25.00 | 17.49 | Vertical |
| 45.1813 | -64.39 | -25.00 | 39.39 | Horizontal |
| 83.8862 | -75.86 | -25.00 | 50.86 | Horizontal |
| 236.6203 | -68.73 | -25.00 | 43.73 | Horizontal |
| 5101.8841 | -55.67 | -25.00 | 30.67 | Horizontal |
| 9521.6609 | -54.98 | -25.00 | 29.98 | Horizontal |
| 16399.1360 | -45.19 | -25.00 | 20.19 | Horizontal |

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 |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VL | NT | -1.50 | -0.000598 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VN | NT | -3.00 | -0.001195 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VH | NT | -0.80 | -0.000319 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VL | NT | -0.70 | -0.000276 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VN | NT | -1.30 | -0.000513 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VH | NT | 1.00 | 0.000394 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VL | NT | 1.00 | 0.000391 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VN | NT | -3.30 | -0.001289 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VH | NT | -1.10 | -0.000430 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VL | NT | 2.40 | 0.000956 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VN | NT | 1.10 | 0.000438 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VH | NT | 1.60 | 0.000637 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VL | NT | 0.10 | 0.000039 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VN | NT | 0.90 | 0.000355 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VH | NT | -1.70 | -0.000671 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VL | NT | 1.00 | 0.000391 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VN | NT | -1.40 | -0.000547 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VH | NT | -1.90 | -0.000742 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | -3.30 | -0.001315 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | 0.30 | 0.000120 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | -0.40 | -0.000159 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VL | NT | 1.40 | 0.000552 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VN | NT | -2.10 | -0.000828 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | 0.00 | 0.000000 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VL | NT | 1.00 | 0.000391 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VN | NT | -2.00 | -0.000781 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | 0.30 | 0.000117 | ±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 |
|------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
|------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|



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| | | | | | | | | | | |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -30 | 0.30 | 0.000120 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -20 | 0.80 | 0.000319 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 0 | -2.50 | -0.000996 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 10 | -0.90 | -0.000359 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 20 | 1.00 | 0.000398 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 30 | 1.40 | 0.000558 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 40 | -1.10 | -0.000438 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 50 | 1.30 | 0.000518 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -30 | -3.10 | -0.001223 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -20 | -1.80 | -0.000710 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 0 | 0.30 | 0.000118 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 10 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 20 | 1.10 | 0.000434 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 30 | 0.20 | 0.000079 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 40 | -2.20 | -0.000868 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 50 | -0.50 | -0.000197 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -30 | -0.10 | -0.000039 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -20 | 2.10 | 0.000820 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 0 | -1.40 | -0.000547 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 10 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 20 | 0.40 | 0.000156 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 30 | -1.80 | -0.000703 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 40 | -2.70 | -0.001055 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 50 | -0.50 | -0.000195 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -30 | -0.50 | -0.000199 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -20 | -0.70 | -0.000279 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 0 | 1.60 | 0.000637 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 10 | -0.50 | -0.000199 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 20 | 1.10 | 0.000438 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 30 | 0.60 | 0.000239 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 40 | 1.40 | 0.000558 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 50 | -1.80 | -0.000717 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -30 | -2.30 | -0.000907 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -20 | -1.00 | -0.000394 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 0 | -2.10 | -0.000828 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 10 | 0.50 | 0.000197 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 20 | -0.30 | -0.000118 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 30 | -0.90 | -0.000355 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 40 | -0.70 | -0.000276 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 50 | -0.60 | -0.000237 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -30 | 1.70 | 0.000664 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -20 | -3.10 | -0.001211 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 0 | -1.50 | -0.000586 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 10 | -0.60 | -0.000234 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 20 | 0.70 | 0.000273 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 30 | -1.10 | -0.000430 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 40 | -1.70 | -0.000664 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 50 | 1.60 | 0.000625 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -0.60 | -0.000239 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | -0.90 | -0.000359 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0 | -1.90 | -0.000757 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10 | -1.00 | -0.000398 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20 | -0.20 | -0.000080 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30 | 0.60 | 0.000239 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 40 | -1.50 | -0.000598 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 50 | -3.00 | -0.001195 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | 0.70 | 0.000276 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -2.10 | -0.000828 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0 | 0.30 | 0.000118 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10 | -1.40 | -0.000552 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20 | -2.30 | -0.000907 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30 | -0.70 | -0.000276 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40 | -1.60 | -0.000631 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50 | -1.00 | -0.000394 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | -1.90 | -0.000742 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | 0.80 | 0.000313 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0 | 0.20 | 0.000078 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10 | 1.70 | 0.000664 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20 | 1.90 | 0.000742 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30 | -1.80 | -0.000703 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40 | 0.50 | 0.000195 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50 | 0.30 | 0.000117 | ±2.5 | PASS |



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