



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result (Up Antenna)

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 17.70 | 20 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#13 | 17.95 | 20.25 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 17.84 | 20.14 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 17.62 | 19.92 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 17.75 | 20.05 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 17.67 | 19.97 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 17.78 | 20.08 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 17.78 | 20.08 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#13 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 17.78 | 20.08 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 17.63 | 19.93 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 17.72 | 20.02 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#13 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | 17.53 | 19.83 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24 | 17.75 | 20.05 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#12 | 17.63 | 19.93 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#0 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#6 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#13 | 17.78 | 20.08 | 33.00 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|--------------|-------|-------|------|
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | 17.45 | 19.75 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12 | 17.59 | 19.89 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24 | 17.42 | 19.72 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#13 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#6 | 17.70 | 20 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#0 | 17.62 | 19.92 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 17.79 | 20.09 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | 17.42 | 19.72 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#12 | 17.55 | 19.85 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#0 | 17.81 | 20.11 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#6 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#13 | 17.70 | 20 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 17.77 | 20.07 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 17.95 | 20.25 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0 | 17.93 | 20.23 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 17.79 | 20.09 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0 | 17.83 | 20.13 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 17.91 | 20.21 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 17.91 | 20.21 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 17.70 | 20 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 18.02 | 20.32 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12 | 18.02 | 20.32 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0 | 17.85 | 20.15 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 16QAM | 21425 | 12RB#6 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#13 | 17.90 | 20.2 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 17.80 | 20.1 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 17.73 | 20.03 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 17.66 | 19.96 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 17.64 | 19.94 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#12 | 17.94 | 20.24 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 17.98 | 20.28 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#25 | 17.97 | 20.27 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 17.56 | 19.86 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 17.52 | 19.82 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 17.78 | 20.08 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#25 | 17.75 | 20.05 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 17.84 | 20.14 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#12 | 17.81 | 20.11 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 17.55 | 19.85 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 17.57 | 19.87 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#25 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 17.84 | 20.14 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#12 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24 | 17.75 | 20.05 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49 | 17.69 | 19.99 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | 17.72 | 20.02 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#0 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#12 | 17.93 | 20.23 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#25 | 17.84 | 20.14 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49 | 17.77 | 20.07 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | 17.72 | 20.02 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|--------------|-------|-------|------|
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#0 | 17.67 | 19.97 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#12 | 17.70 | 20 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#25 | 17.80 | 20.1 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 17.78 | 20.08 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | 17.77 | 20.07 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49 | 17.69 | 19.99 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#25 | 17.52 | 19.82 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#0 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#12 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 17.60 | 19.9 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 17.84 | 20.14 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0 | 17.97 | 20.27 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 17.98 | 20.28 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 17.67 | 19.97 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 17.98 | 20.28 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0 | 17.79 | 20.09 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 17.79 | 20.09 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 17.72 | 20.02 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 17.84 | 20.14 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 17.95 | 20.25 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0 | 17.80 | 20.1 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 17.76 | 20.06 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 17.97 | 20.27 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#39 | 17.99 | 20.29 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#18 | 17.98 | 20.28 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#0 | 18.03 | 20.33 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 17.79 | 20.09 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#0 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#18 | 17.90 | 20.2 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#39 | 17.94 | 20.24 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 17.69 | 19.99 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 17.81 | 20.11 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#0 | 17.76 | 20.06 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#18 | 17.90 | 20.2 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#39 | 17.98 | 20.28 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 17.79 | 20.09 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74 | 17.46 | 19.76 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | 17.77 | 20.07 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#0 | 17.81 | 20.11 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#18 | 17.60 | 19.9 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#39 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 17.62 | 19.92 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38 | 17.52 | 19.82 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74 | 17.59 | 19.89 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#39 | 17.53 | 19.83 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#0 | 17.72 | 20.02 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|--------------|-------|-------|------|
| Band7 | 15MHz | 64QAM | 21100 | 36RB#18 | 17.51 | 19.81 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 17.60 | 19.9 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38 | 17.75 | 20.05 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74 | 17.59 | 19.89 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#18 | 17.56 | 19.86 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#0 | 17.51 | 19.81 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#39 | 17.62 | 19.92 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 17.62 | 19.92 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 18.08 | 20.38 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 18.03 | 20.33 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 17.87 | 20.17 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 18.05 | 20.35 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 18.04 | 20.34 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 17.67 | 19.97 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 17.64 | 19.94 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 17.80 | 20.1 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 17.98 | 20.28 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 17.83 | 20.13 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 17.94 | 20.24 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 18.03 | 20.33 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 17.82 | 20.12 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 17.85 | 20.15 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 17.80 | 20.1 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK | 20850 | 50RB#25 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 17.95 | 20.25 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#50 | 17.97 | 20.27 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 17.92 | 20.22 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 17.76 | 20.06 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 17.83 | 20.13 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 17.77 | 20.07 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#25 | 17.94 | 20.24 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#50 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 17.76 | 20.06 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 17.59 | 19.89 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 17.68 | 19.98 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 17.73 | 20.03 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#25 | 17.90 | 20.2 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 17.90 | 20.2 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#50 | 17.98 | 20.28 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 17.97 | 20.27 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49 | 17.99 | 20.29 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99 | 17.77 | 20.07 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 17.75 | 20.05 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0 | 17.72 | 20.02 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 17.63 | 19.93 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 17.90 | 20.2 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49 | 17.79 | 20.09 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99 | 17.71 | 20.01 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0 | 17.60 | 19.9 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 17.59 | 19.89 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 17.89 | 20.19 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 17.48 | 19.78 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99 | 17.71 | 20.01 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|--------------|-------|-------|------|
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 17.78 | 20.08 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49 | 17.66 | 19.96 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0 | 17.70 | 20 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 17.63 | 19.93 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 17.75 | 20.05 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 17.72 | 20.02 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 18.11 | 20.41 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0 | 18.02 | 20.32 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 18.00 | 20.3 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 18.03 | 20.33 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 18.03 | 20.33 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 18.05 | 20.35 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 18.02 | 20.32 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 18.03 | 20.33 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 17.87 | 20.17 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 17.99 | 20.29 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.74 | 20.04 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 18.01 | 20.31 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 18.04 | 20.34 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49 | 18.10 | 20.4 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 17.88 | 20.18 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 17.86 | 20.16 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0 | 18.09 | 20.39 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.85 | 20.15 | 33.00 | PASS |



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1.2. Test Result (Down Antenna)

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 22.92 | 24.12 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 22.96 | 24.16 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 22.91 | 24.11 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 22.05 | 23.25 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 22.09 | 23.29 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#13 | 22.04 | 23.24 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 22.08 | 23.28 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 23.01 | 24.21 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 22.93 | 24.13 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 22.99 | 24.19 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 22.09 | 23.29 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 22.05 | 23.25 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#13 | 22.13 | 23.33 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 22.09 | 23.29 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 23.05 | 24.25 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 23.09 | 24.29 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 23.03 | 24.23 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#13 | 22.16 | 23.36 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 22.19 | 23.39 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 22.20 | 23.4 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 22.22 | 23.42 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | 21.68 | 22.88 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24 | 21.56 | 22.76 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#12 | 21.52 | 22.72 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#0 | 20.49 | 21.69 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#6 | 20.54 | 21.74 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#13 | 20.53 | 21.73 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 20.53 | 21.73 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | 21.53 | 22.73 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12 | 21.77 | 22.97 | 33.00 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24 | 21.59 | 22.79 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#13 | 20.54 | 21.74 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#6 | 20.53 | 21.73 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#0 | 20.52 | 21.72 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 20.62 | 21.82 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | 21.85 | 23.05 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#12 | 21.81 | 23.01 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24 | 21.75 | 22.95 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#0 | 20.69 | 21.89 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#6 | 20.74 | 21.94 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#13 | 20.65 | 21.85 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 20.71 | 21.91 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 22.35 | 23.55 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 22.24 | 23.44 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12 | 22.15 | 23.35 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 21.11 | 22.31 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6 | 21.12 | 22.32 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0 | 21.14 | 22.34 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 21.05 | 22.25 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 22.20 | 23.4 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12 | 22.07 | 23.27 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 22.27 | 23.47 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0 | 21.05 | 22.25 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6 | 21.11 | 22.31 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 21.12 | 22.32 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 21.12 | 22.32 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 22.39 | 23.59 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 22.28 | 23.48 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12 | 22.30 | 23.5 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0 | 21.26 | 22.46 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#6 | 21.20 | 22.4 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#13 | 21.17 | 22.37 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 21.25 | 22.45 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 22.82 | 24.02 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 22.89 | 24.09 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 22.85 | 24.05 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#12 | 22.12 | 23.32 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 22.02 | 23.22 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#25 | 22.05 | 23.25 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 22.00 | 23.2 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 22.99 | 24.19 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 22.92 | 24.12 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 23.01 | 24.21 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#25 | 22.11 | 23.31 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 22.02 | 23.22 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#12 | 22.08 | 23.28 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 22.10 | 23.3 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 23.03 | 24.23 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 23.04 | 24.24 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 23.09 | 24.29 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#25 | 22.15 | 23.35 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 22.17 | 23.37 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#12 | 22.18 | 23.38 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 22.15 | 23.35 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24 | 21.73 | 22.93 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49 | 21.79 | 22.99 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | 21.66 | 22.86 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#0 | 20.60 | 21.8 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#12 | 20.50 | 21.7 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#25 | 20.51 | 21.71 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 20.57 | 21.77 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49 | 21.56 | 22.76 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | 21.69 | 22.89 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24 | 21.83 | 23.03 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#0 | 20.53 | 21.73 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#12 | 20.60 | 21.8 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | 64QAM | 21100 | 25RB#25 | 20.59 | 21.79 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 20.58 | 21.78 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | 21.85 | 23.05 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49 | 21.81 | 23.01 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24 | 21.86 | 23.06 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#25 | 20.73 | 21.93 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#0 | 20.70 | 21.9 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#12 | 20.80 | 22 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 20.78 | 21.98 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 22.32 | 23.52 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24 | 21.99 | 23.19 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 22.02 | 23.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 21.09 | 22.29 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0 | 21.06 | 22.26 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 21.11 | 22.31 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 21.09 | 22.29 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 22.37 | 23.57 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 22.33 | 23.53 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24 | 22.21 | 23.41 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0 | 21.02 | 22.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 21.12 | 22.32 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 21.10 | 22.3 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 21.12 | 22.32 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 22.36 | 23.56 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 22.33 | 23.53 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 22.31 | 23.51 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0 | 21.13 | 22.33 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 21.20 | 22.4 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 21.28 | 22.48 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 21.08 | 22.28 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 22.98 | 24.18 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 22.97 | 24.17 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 23.00 | 24.2 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | QPSK | 20825 | 36RB#39 | 22.06 | 23.26 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#18 | 22.14 | 23.34 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#0 | 22.12 | 23.32 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 22.07 | 23.27 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 23.01 | 24.21 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 23.04 | 24.24 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 23.06 | 24.26 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#0 | 22.11 | 23.31 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#18 | 22.16 | 23.36 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#39 | 22.05 | 23.25 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 22.18 | 23.38 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 23.10 | 24.3 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 23.23 | 24.43 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 23.06 | 24.26 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#0 | 22.23 | 23.43 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#18 | 22.21 | 23.41 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#39 | 22.17 | 23.37 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 22.15 | 23.35 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74 | 21.65 | 22.85 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38 | 21.66 | 22.86 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | 21.47 | 22.67 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#0 | 20.53 | 21.73 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#18 | 20.50 | 21.7 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#39 | 20.40 | 21.6 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 20.56 | 21.76 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38 | 21.78 | 22.98 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74 | 21.23 | 22.43 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | 21.63 | 22.83 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#39 | 20.58 | 21.78 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#0 | 20.50 | 21.7 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#18 | 20.57 | 21.77 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 20.54 | 21.74 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | 21.73 | 22.93 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38 | 21.90 | 23.1 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74 | 21.75 | 22.95 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#18 | 20.72 | 21.92 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#0 | 20.69 | 21.89 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#39 | 20.73 | 21.93 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 20.73 | 21.93 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 22.11 | 23.31 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 22.35 | 23.55 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 22.28 | 23.48 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0 | 21.08 | 22.28 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 21.06 | 22.26 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 21.09 | 22.29 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 21.01 | 22.21 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 22.37 | 23.57 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 22.23 | 23.43 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 22.26 | 23.46 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0 | 21.15 | 22.35 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 21.20 | 22.4 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 21.10 | 22.3 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 21.08 | 22.28 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 22.39 | 23.59 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 22.28 | 23.48 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 22.25 | 23.45 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0 | 21.19 | 22.39 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 21.22 | 22.42 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 21.20 | 22.4 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 21.11 | 22.31 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 23.05 | 24.25 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 23.10 | 24.3 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 23.05 | 24.25 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#25 | 22.14 | 23.34 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 22.05 | 23.25 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#50 | 22.10 | 23.3 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 22.06 | 23.26 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 23.01 | 24.21 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 22.96 | 24.16 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 23.04 | 24.24 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 22.03 | 23.23 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#25 | 22.10 | 23.3 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#50 | 22.03 | 23.23 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 22.16 | 23.36 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 23.08 | 24.28 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 23.22 | 24.42 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 23.05 | 24.25 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#25 | 22.27 | 23.47 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 22.26 | 23.46 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#50 | 22.24 | 23.44 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 22.09 | 23.29 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 21.51 | 22.71 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49 | 21.74 | 22.94 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99 | 21.41 | 22.61 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 20.46 | 21.66 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0 | 20.55 | 21.75 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 20.53 | 21.73 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 20.56 | 21.76 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 21.67 | 22.87 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49 | 21.80 | 23 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99 | 21.25 | 22.45 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0 | 20.58 | 21.78 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 20.63 | 21.83 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 20.43 | 21.63 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 20.51 | 21.71 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99 | 21.67 | 22.87 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 21.61 | 22.81 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49 | 21.89 | 23.09 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0 | 20.70 | 21.9 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 20.75 | 21.95 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 20.64 | 21.84 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 20.69 | 21.89 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 22.17 | 23.37 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 22.16 | 23.36 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 22.13 | 23.33 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0 | 21.08 | 22.28 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 21.10 | 22.3 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 21.05 | 22.25 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 21.06 | 22.26 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 22.38 | 23.58 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 22.25 | 23.45 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 22.34 | 23.54 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0 | 21.13 | 22.33 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 21.12 | 22.32 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 21.13 | 22.33 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 21.15 | 22.35 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 22.48 | 23.68 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 22.37 | 23.57 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49 | 22.42 | 23.62 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 21.18 | 22.38 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 21.24 | 22.44 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0 | 21.15 | 22.35 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 21.16 | 22.36 | 33.00 | PASS |

Remark:

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

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

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



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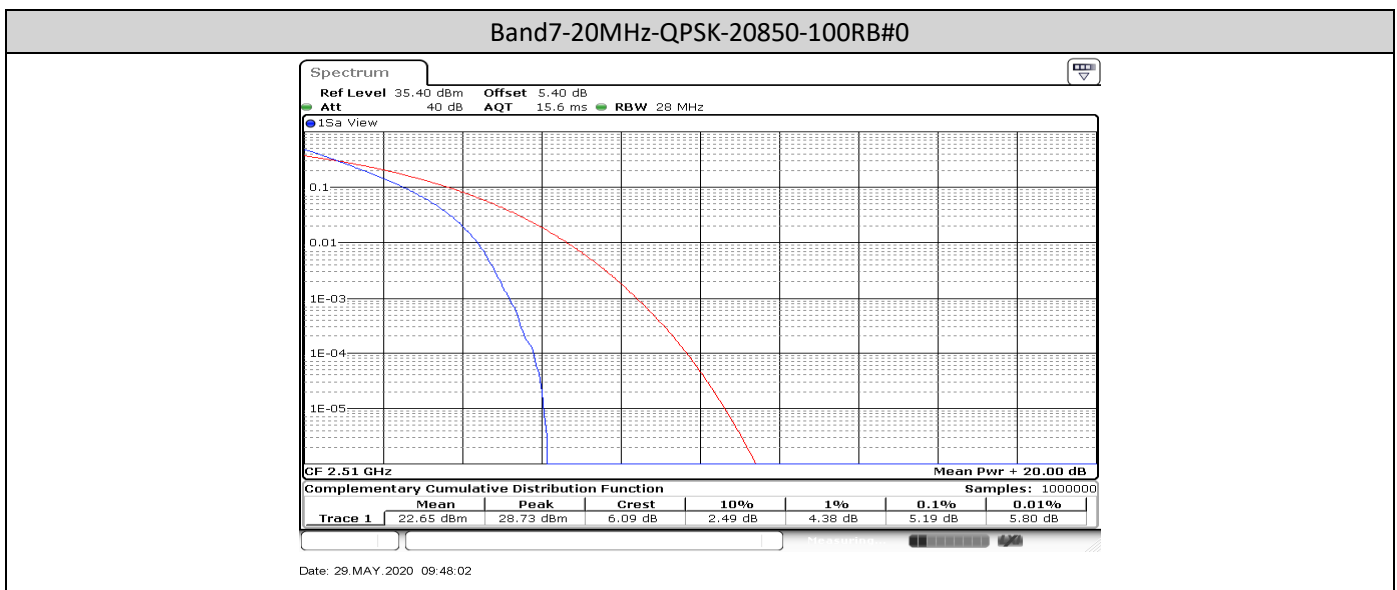


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 5.19 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.28 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 5.25 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 6.67 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 6.72 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 6.64 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 6.03 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.09 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 6.03 | 13 | PASS |

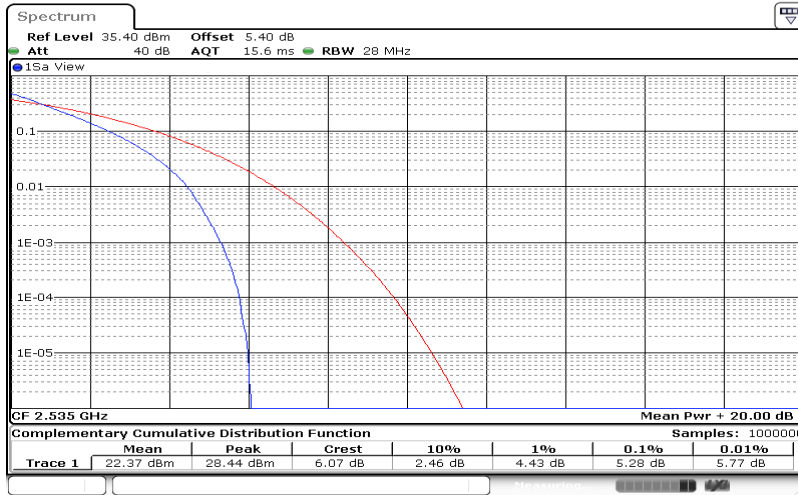
2.2. Test Plots



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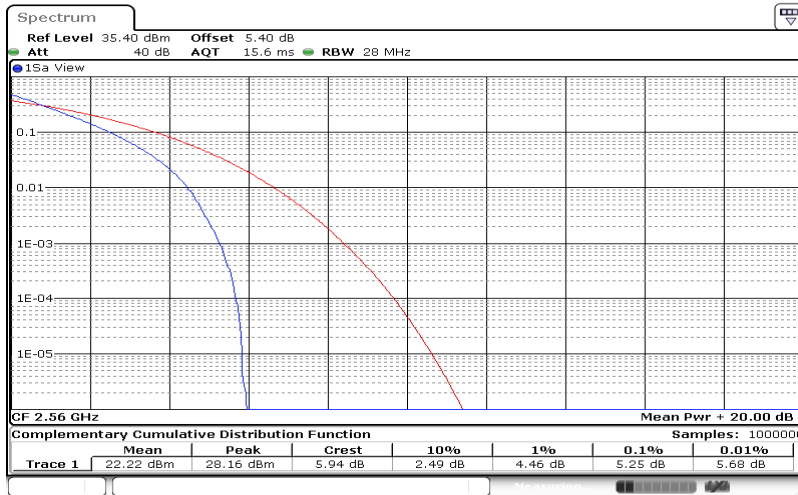
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Band7-20MHz-QPSK-21100-100RB#0



Date: 29.MAY.2020 09:48:25

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

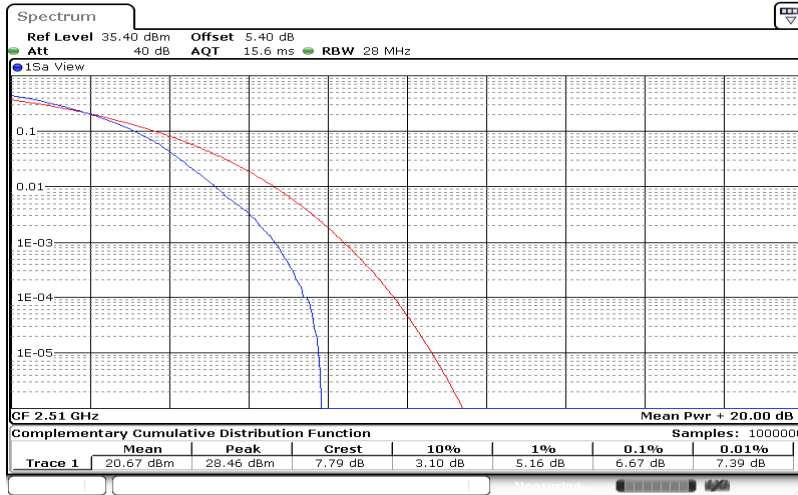


Date: 29.MAY.2020 09:48:47



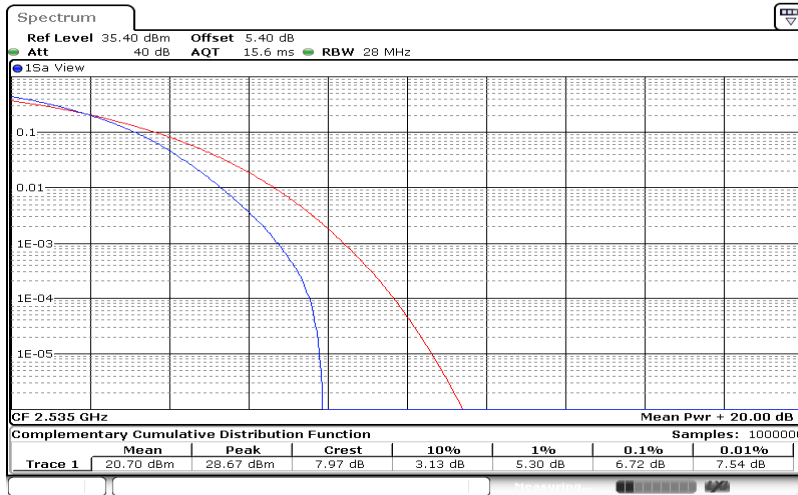
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Band7-20MHz-64QAM-20850-100RB#0



Date: 31.MAY.2020 12:50:51

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

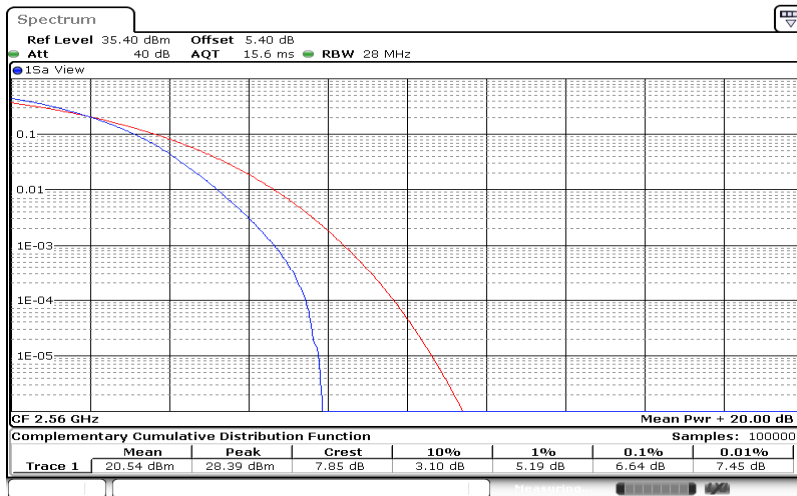


Date: 31.MAY.2020 12:51:02



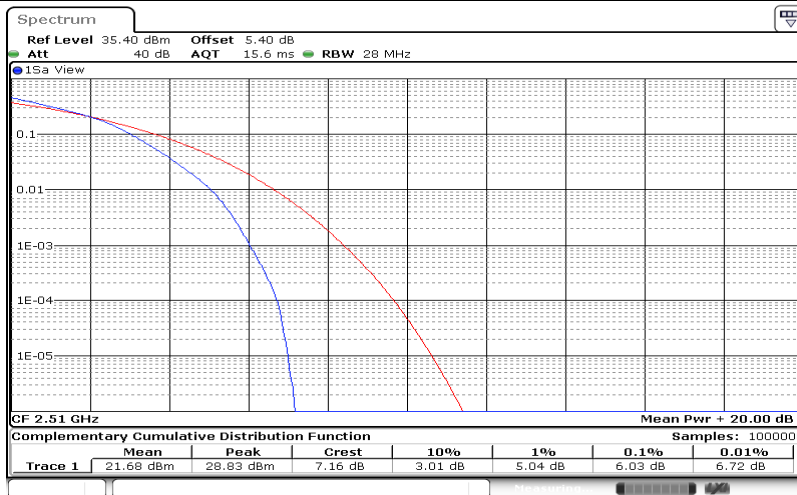
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Band7-20MHz-64QAM-21350-100RB#0



Date: 31.MAY.2020 12:51:13

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

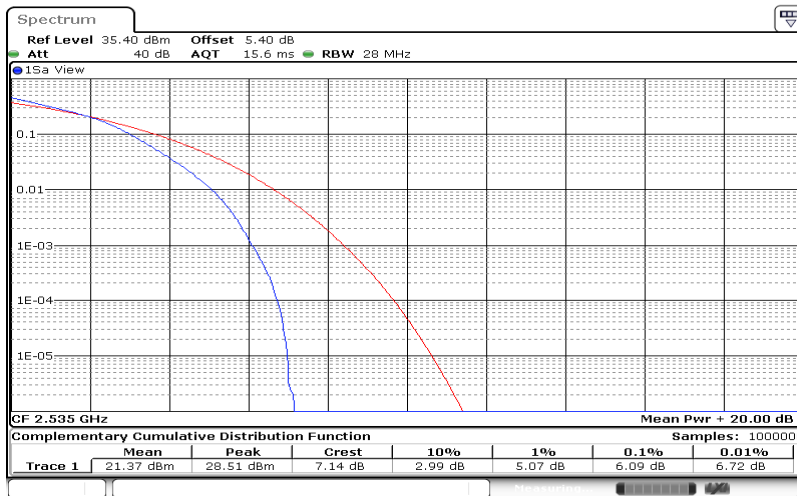


Date: 29.MAY.2020 09:48:14



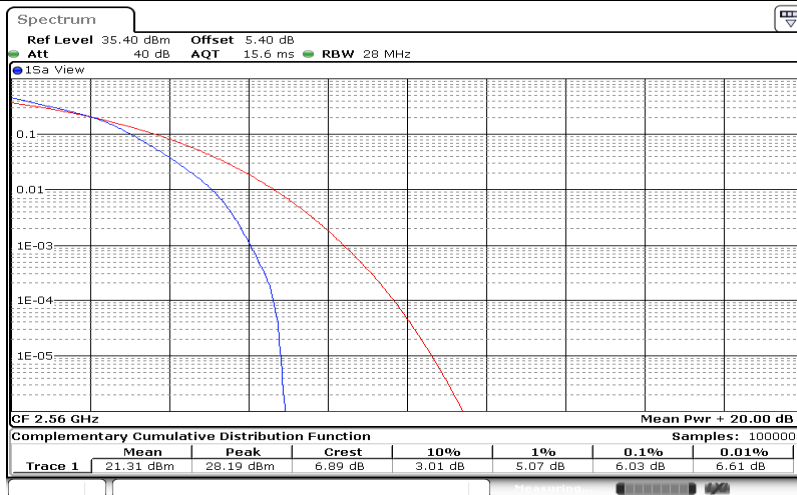
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Band7-20MHz-16QAM-21100-100RB#0



Date: 29.MAY.2020 09:48:36

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



Date: 29.MAY.2020 09:48:58



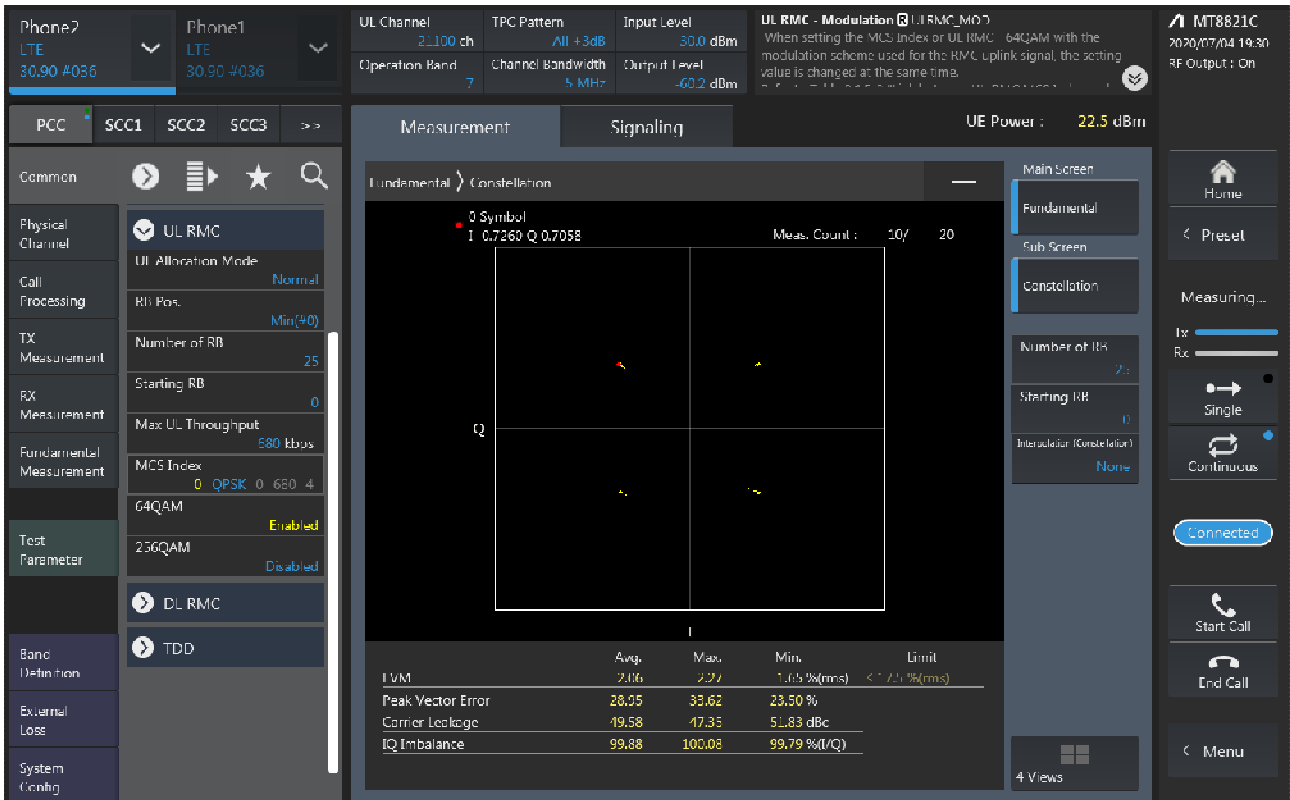
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

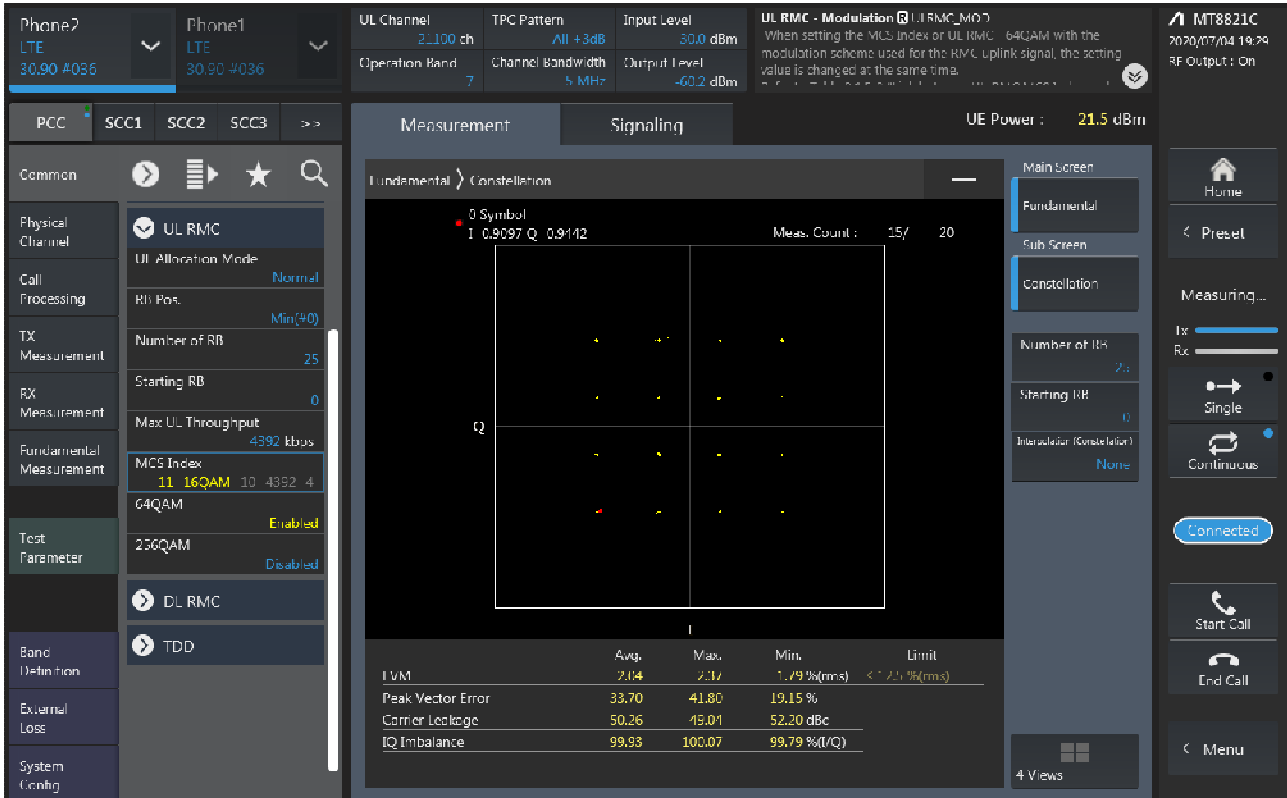
3.1.1.1. Test Channel = MCH



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3.1.2. Test Mode = LTE /TM2 20MHz

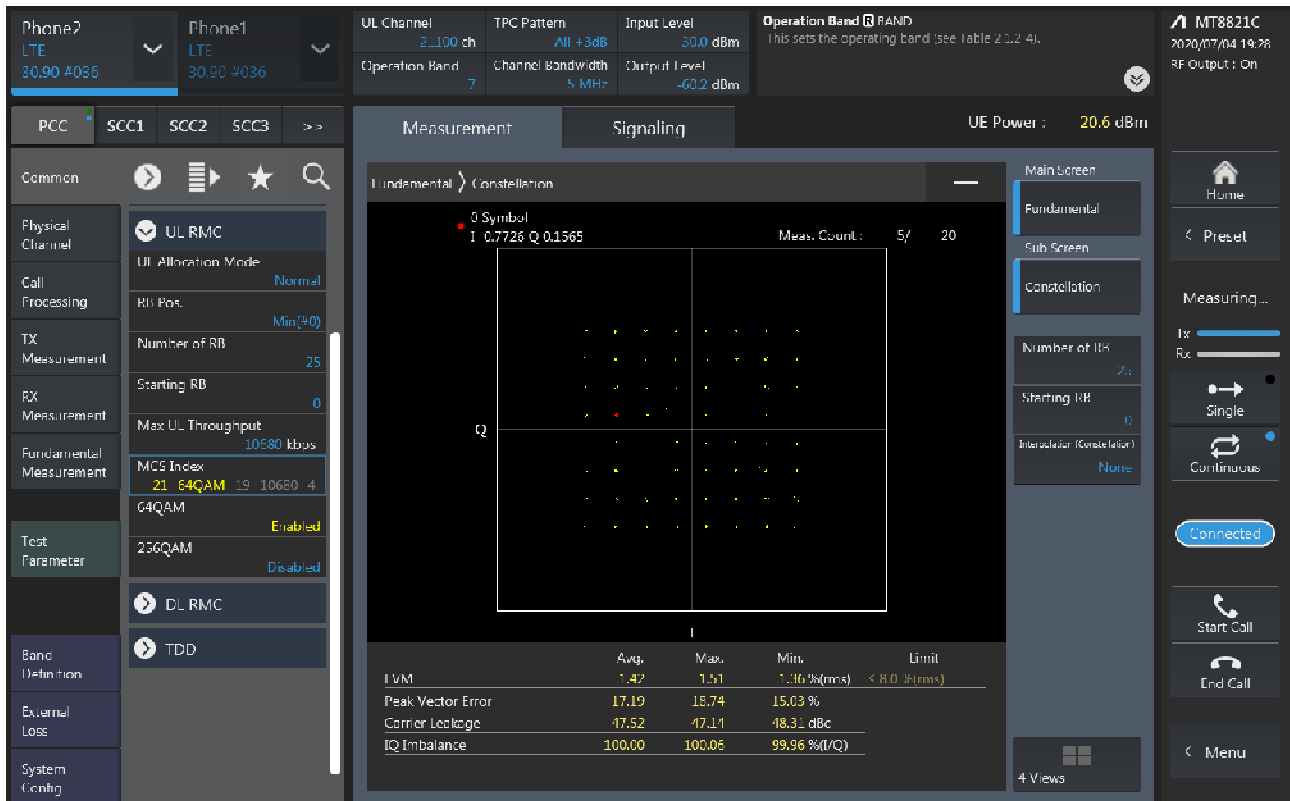
3.1.2.1. Test Channel = MCH



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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 | 4.466 | 4.890 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 4.476 | 4.890 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 4.466 | 4.900 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 4.466 | 4.890 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 4.466 | 4.880 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 4.466 | 4.890 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 4.486 | 4.910 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 4.486 | 4.910 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 4.486 | 4.930 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 8.931 | 9.660 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 8.911 | 9.640 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 8.931 | 9.640 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 8.931 | 9.640 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 8.911 | 9.600 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 8.911 | 9.640 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 8.911 | 9.720 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 8.911 | 9.660 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 8.911 | 9.680 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 13.457 | 14.730 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 13.427 | 14.700 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 13.457 | 14.760 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 13.457 | 14.820 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 13.397 | 14.760 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 13.427 | 14.760 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 13.457 | 14.730 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 13.427 | 14.640 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 13.427 | 14.730 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 17.862 | 19.400 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 17.862 | 19.320 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 17.902 | 19.400 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 17.862 | 19.520 | PASS |



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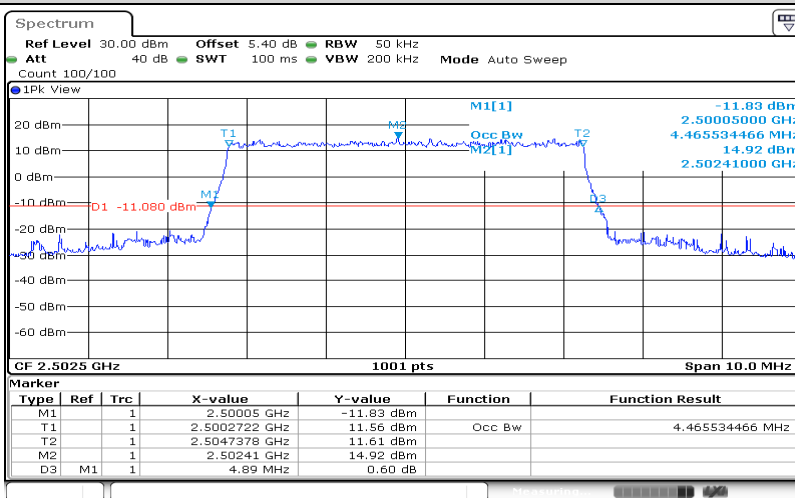
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| | | | | | | | |
|-------|-------|-------|-------|---------|--------|--------|------|
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 17.862 | 19.360 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 17.862 | 19.360 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.862 | 19.280 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.862 | 19.360 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.862 | 19.400 | PASS |

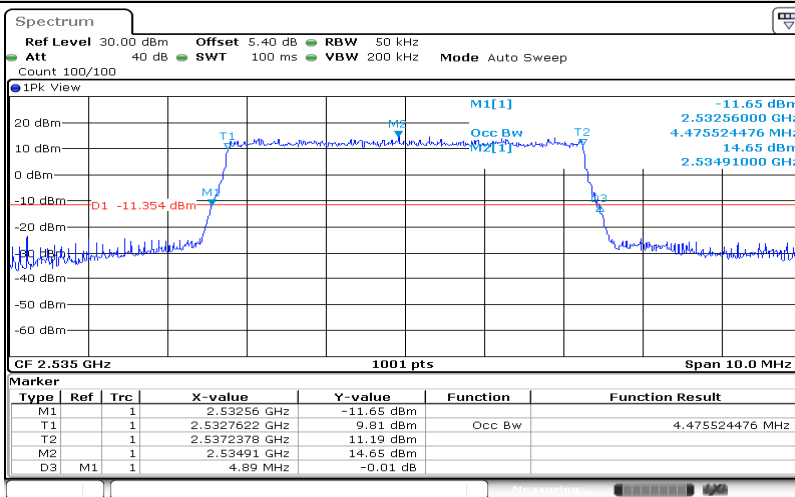
4.2. Test Plots

Band7-5MHz-QPSK-20775-25RB#0-4.466



Date: 29.MAY.2020 09:26:11

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

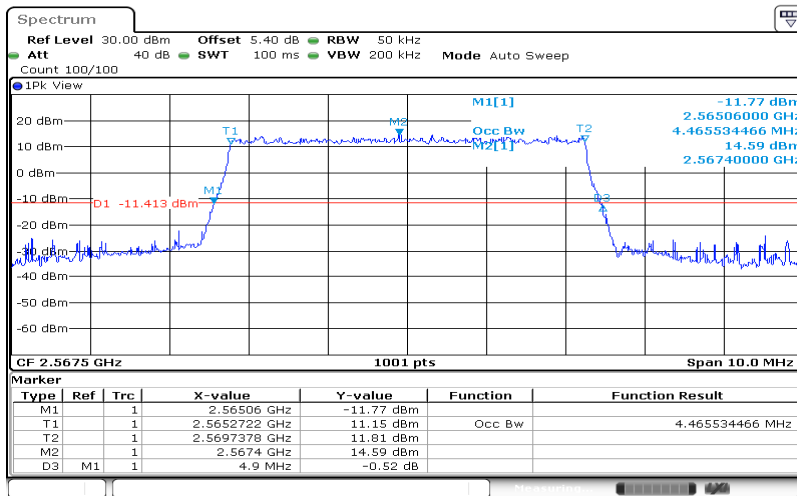


Date: 29.MAY.2020 09:26:51



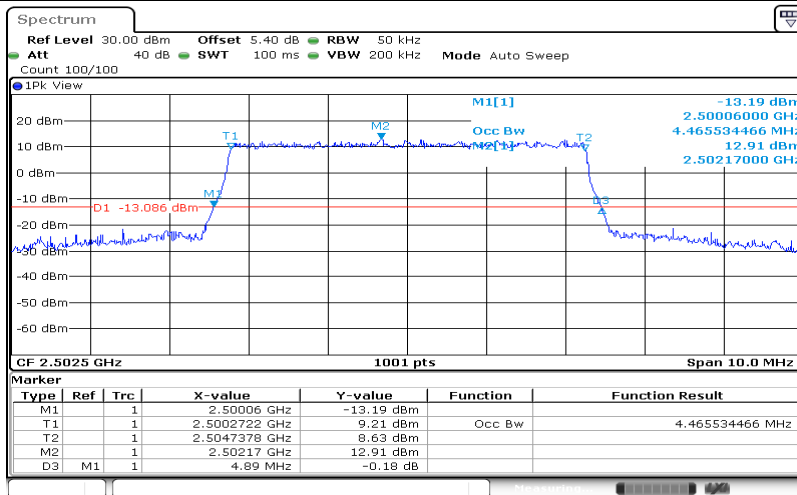
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Band7-5MHz-QPSK-21425-25RB#0-4.466



Date: 29.MAY.2020 09:27:31

Band7-5MHz-64QAM-20775-25RB#0-4.466



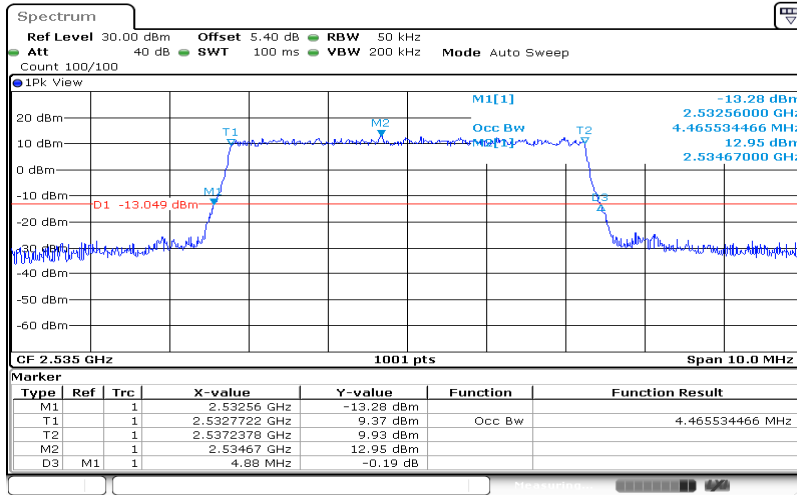
Date: 31.MAY.2020 12:38:19



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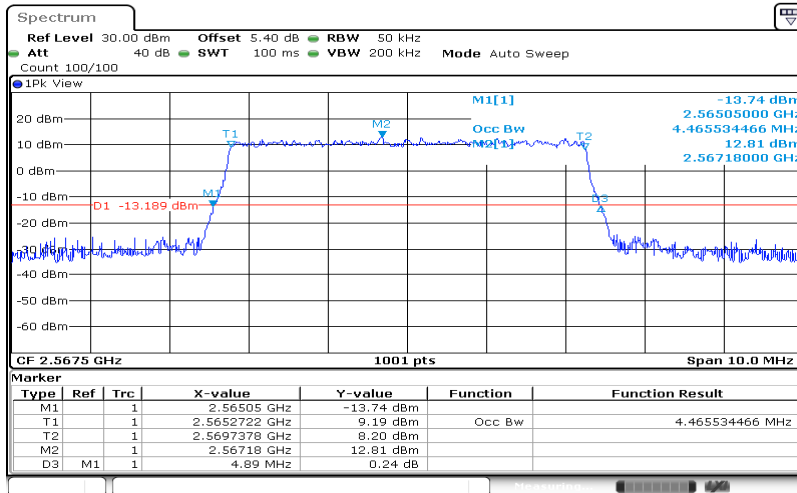
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Band7-5MHz-64QAM-21100-25RB#0-4.466



Date: 31.MAY.2020 12:38:39

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



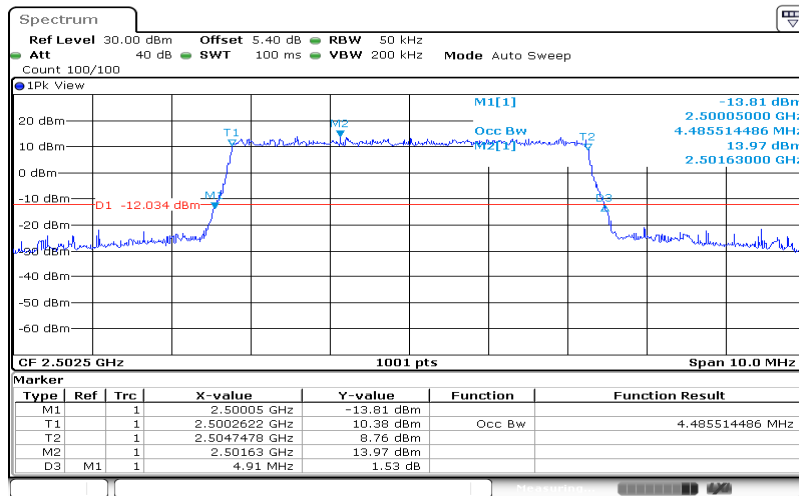
Date: 31.MAY.2020 12:38:59



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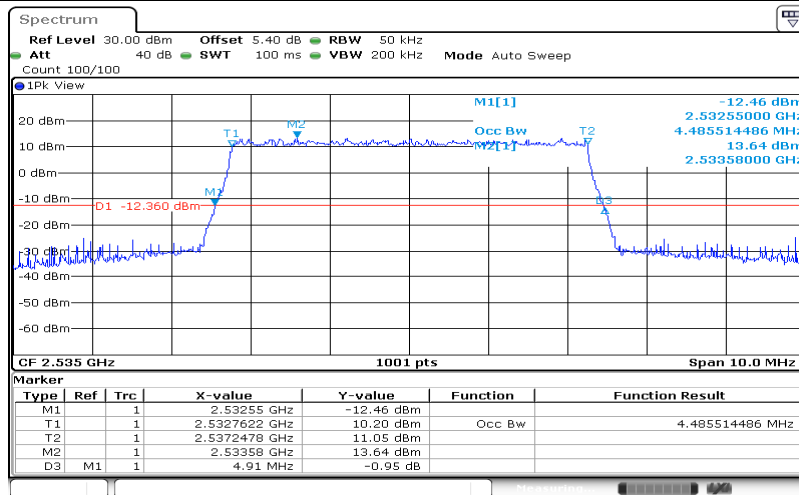
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Band7-5MHz-16QAM-20775-25RB#0-4.486



Date: 29.MAY.2020 09:26:31

Band7-5MHz-16QAM-21100-25RB#0-4.486



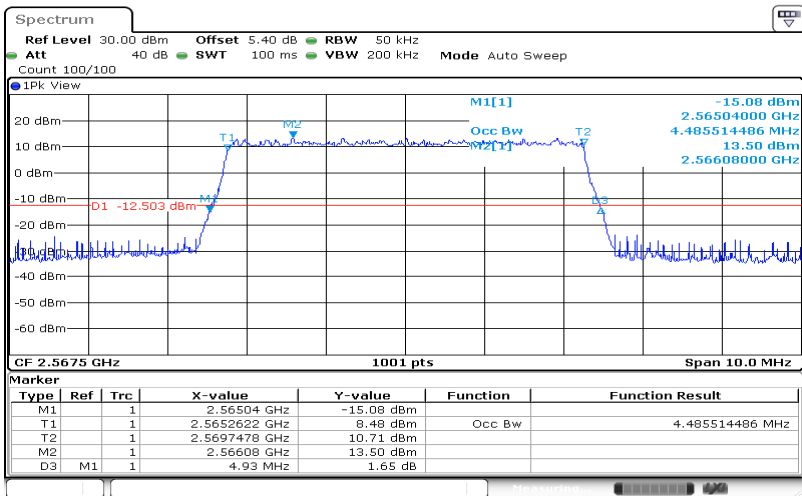
Date: 29.MAY.2020 09:27:11



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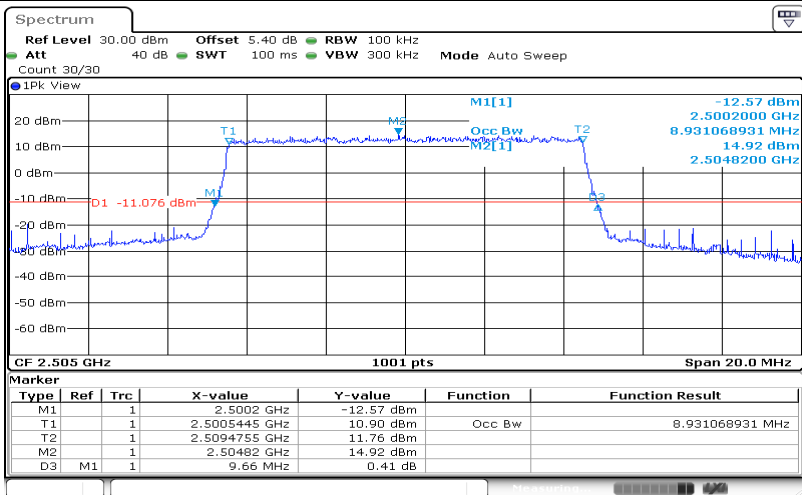
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Band7-5MHz-16QAM-21425-25RB#0-4.486



Date: 29.MAY.2020 09:27:50

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



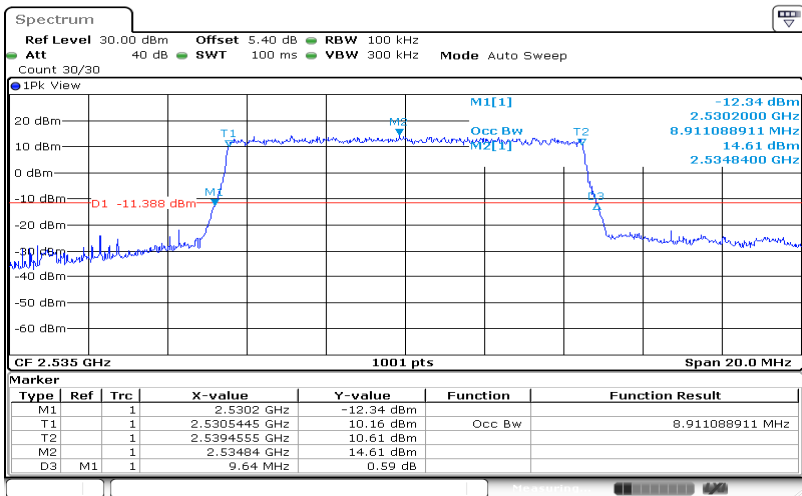
Date: 29.MAY.2020 09:28:08



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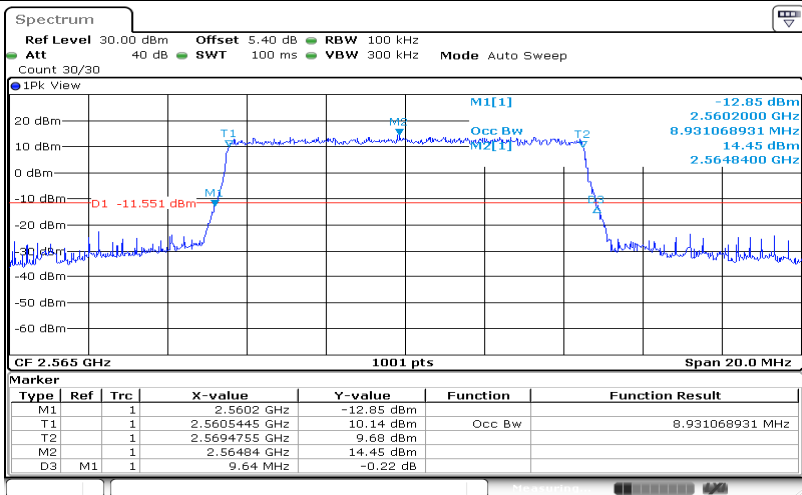
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Band7-10MHz-QPSK-21100-50RB#0-8.911



Date: 29.MAY.2020 09:28:34

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



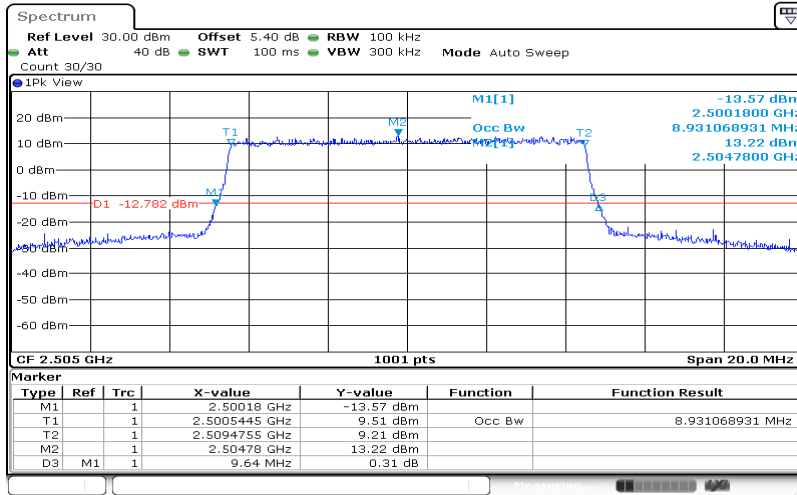
Date: 29.MAY.2020 09:29:00



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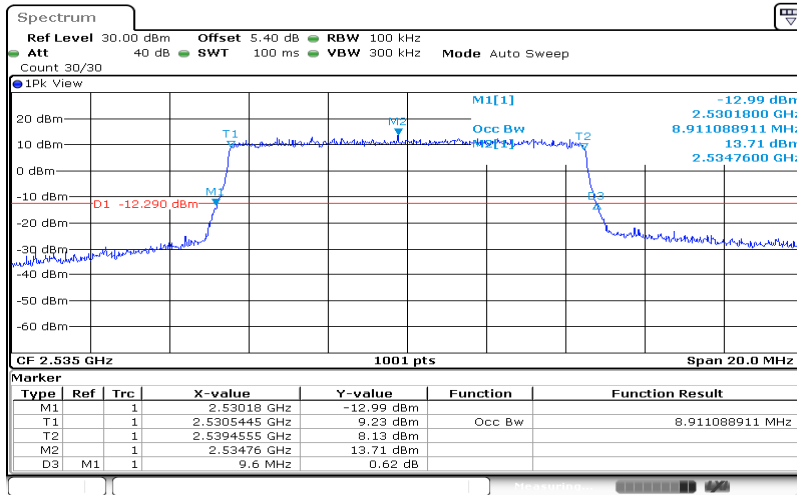
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Band7-10MHz-64QAM-20800-50RB#0-8.931



Date: 31.MAY.2020 12:39:18

Band7-10MHz-64QAM-21100-50RB#0-8.911



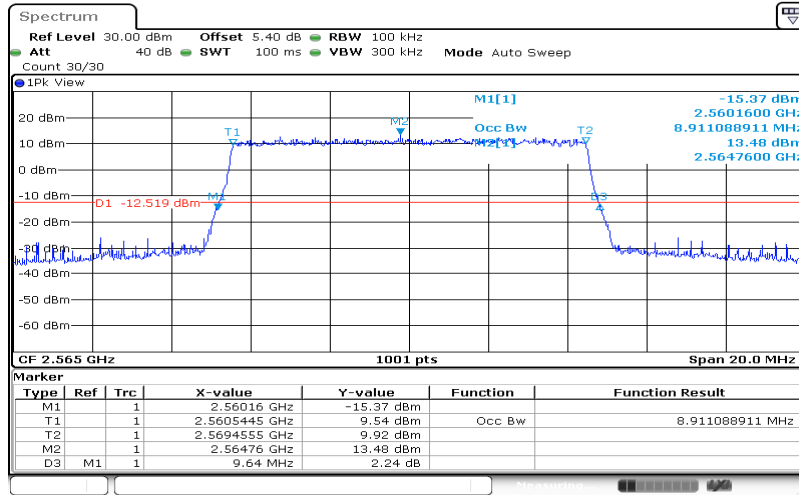
Date: 31.MAY.2020 12:39:31



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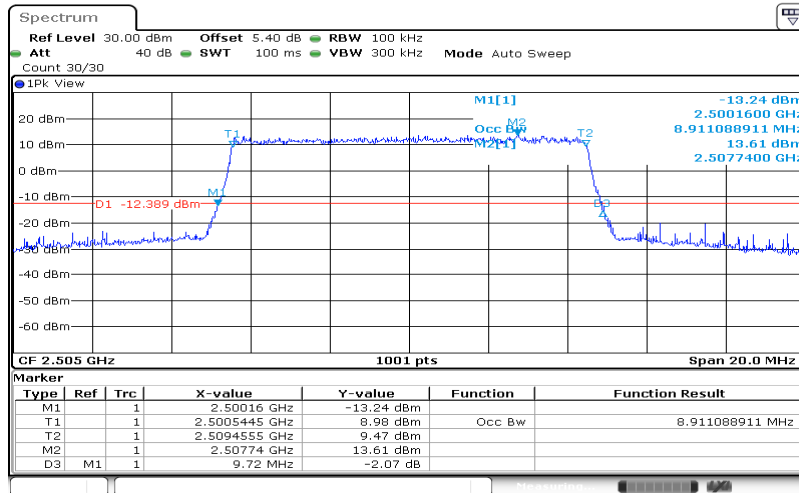
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Band7-10MHz-64QAM-21400-50RB#0-8.911



Date: 31.MAY.2020 12:39:44

Band7-10MHz-16QAM-20800-50RB#0-8.911



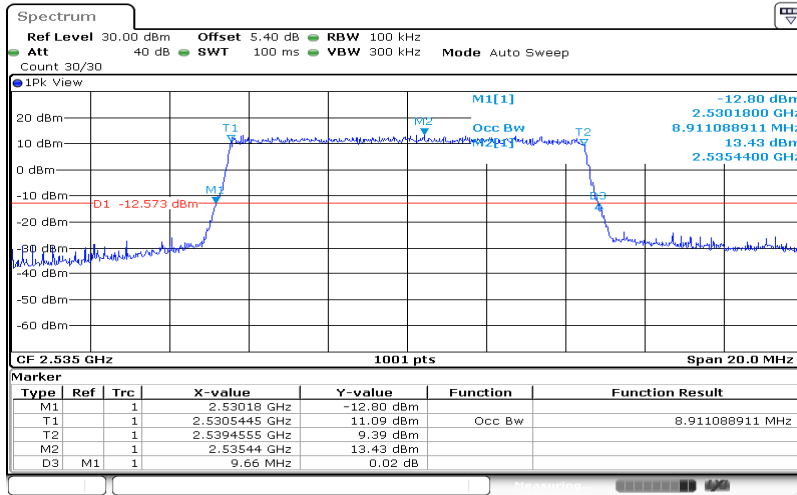
Date: 29.MAY.2020 09:28:21



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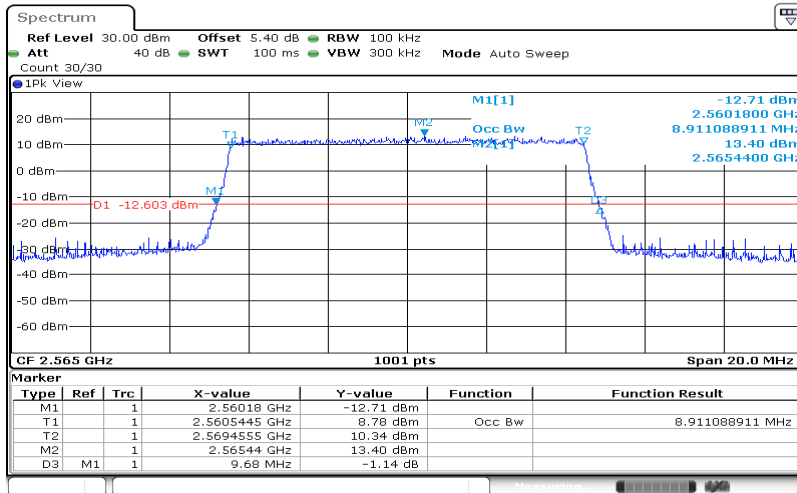
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Band7-10MHz-16QAM-21100-50RB#0-8.911



Date: 29.MAY.2020 09:28:47

Band7-10MHz-16QAM-21400-50RB#0-8.911



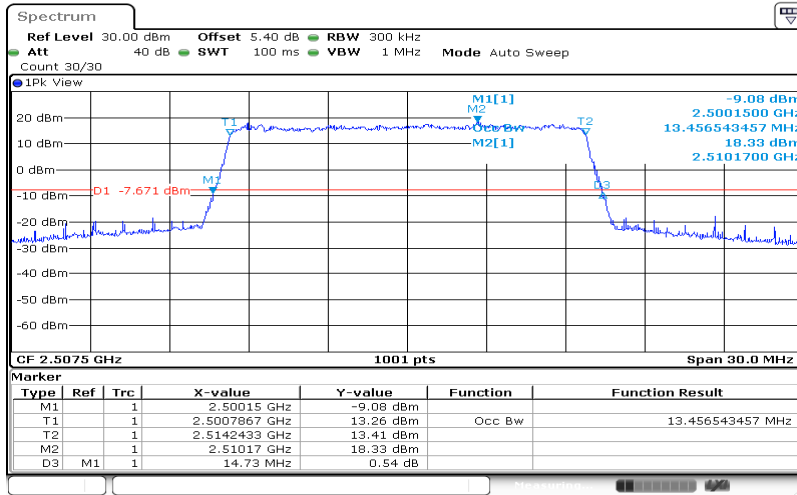
Date: 29.MAY.2020 09:29:12



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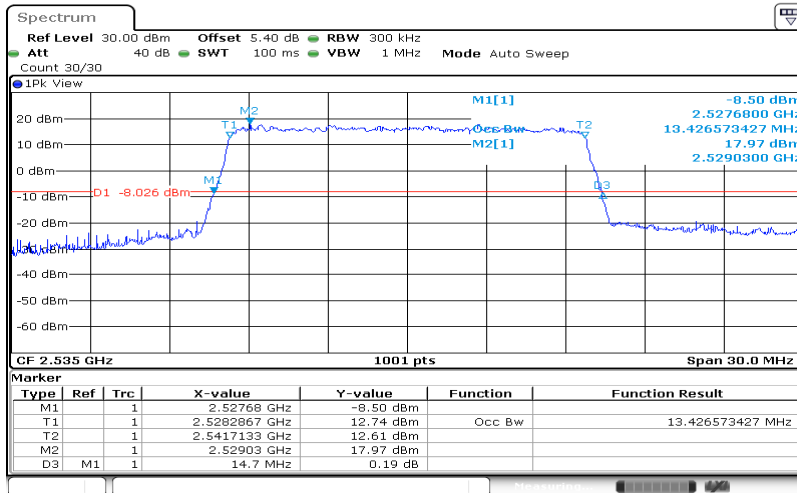
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Band7-15MHz-QPSK-20825-75RB#0-13.457



Date: 29.MAY.2020 09:29:30

Band7-15MHz-QPSK-21100-75RB#0-13.427



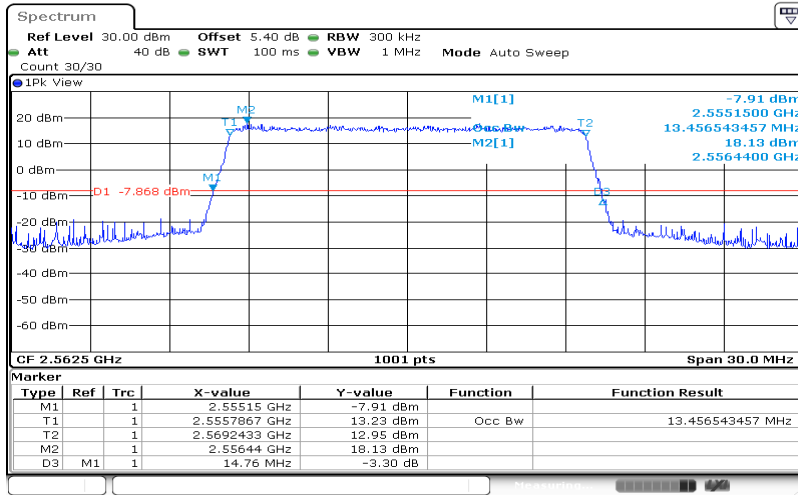
Date: 29.MAY.2020 09:29:56



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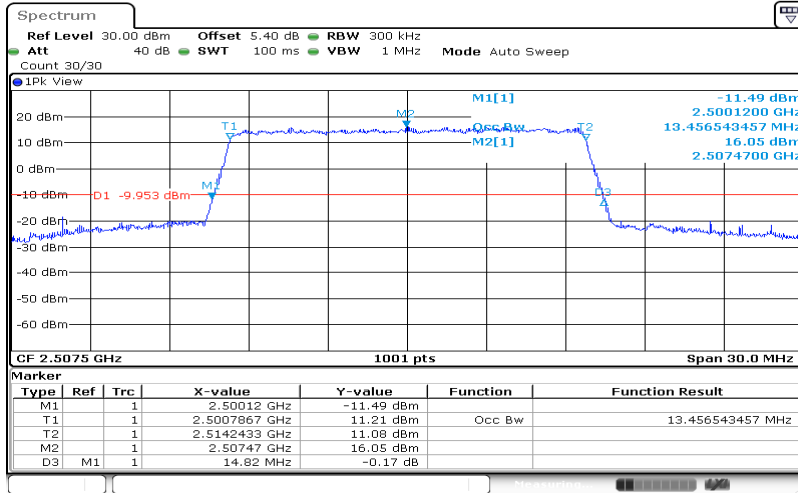
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Band7-15MHz-QPSK-21375-75RB#0-13.457



Date: 29.MAY.2020 09:30:21

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



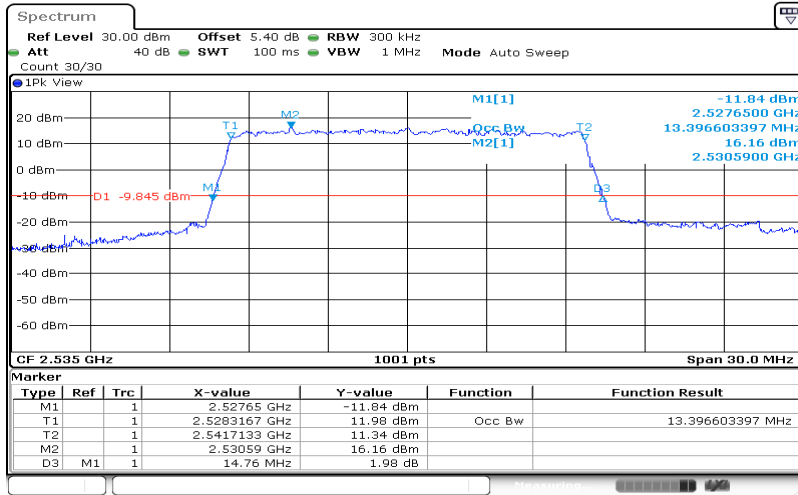
Date: 31.MAY.2020 12:40:02



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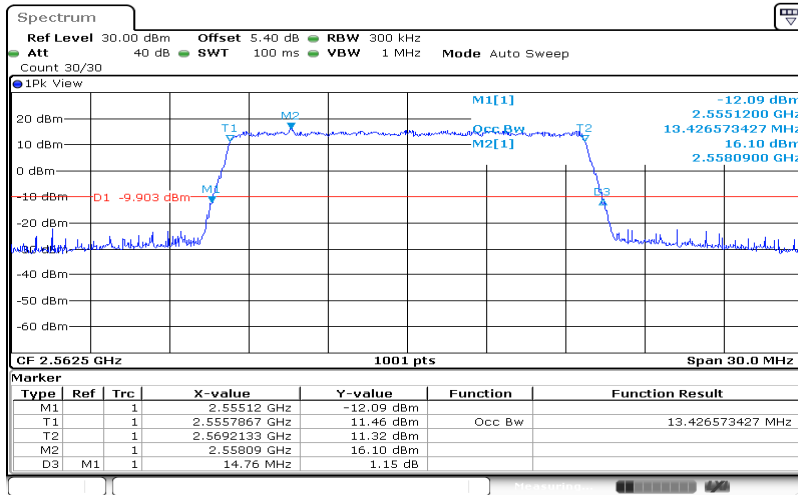
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Band7-15MHz-64QAM-21100-75RB#0-13.397



Date: 31.MAY.2020 12:40:15

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



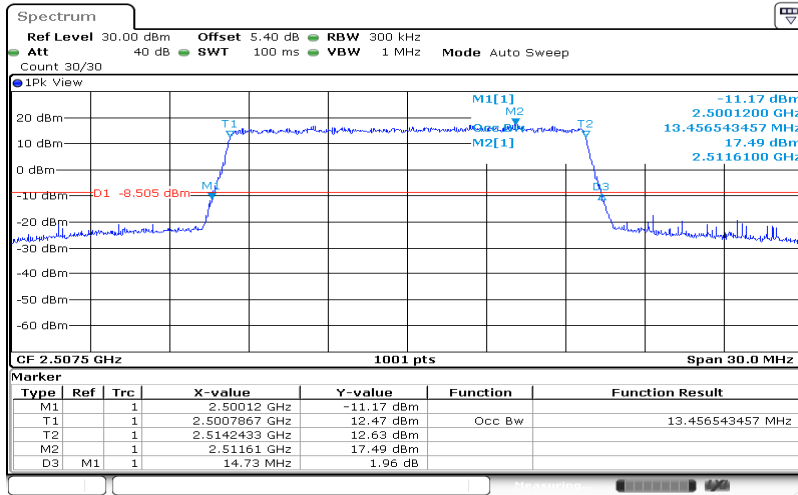
Date: 31.MAY.2020 12:40:28



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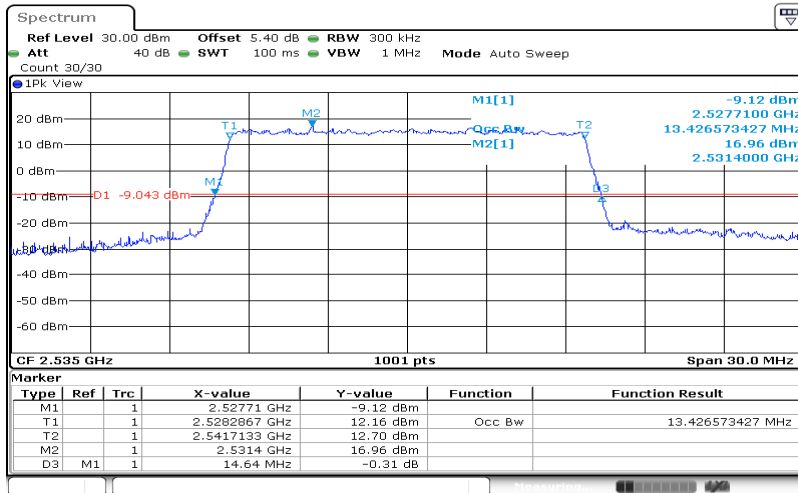
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Band7-15MHz-16QAM-20825-75RB#0-13.457



Date: 29.MAY.2020 09:29:43

Band7-15MHz-16QAM-21100-75RB#0-13.427



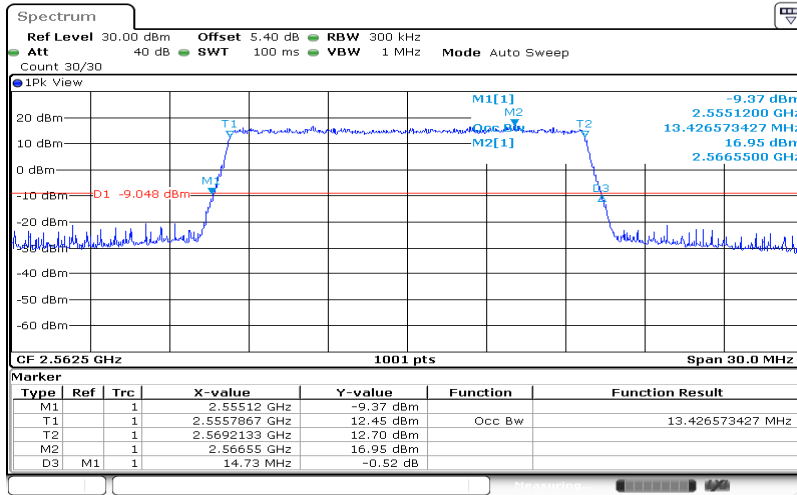
Date: 29.MAY.2020 09:30:08



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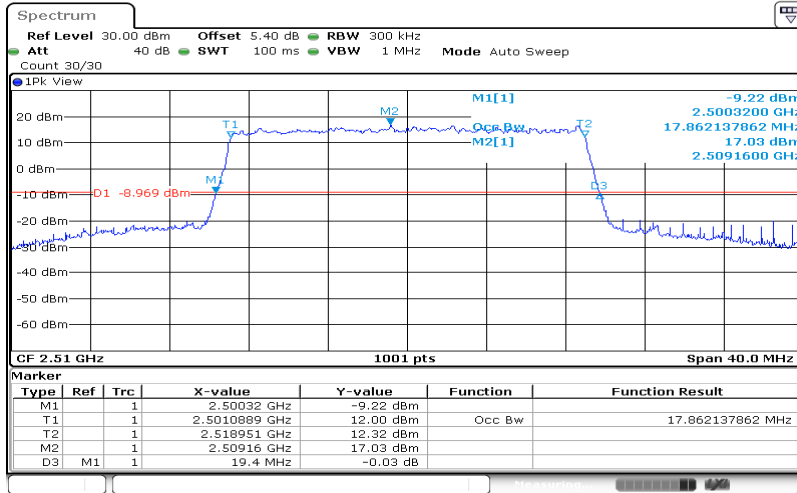
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Band7-15MHz-16QAM-21375-75RB#0-13.427



Date: 29.MAY.2020 09:30:34

Band7-20MHz-QPSK-20850-100RB#0-17.862



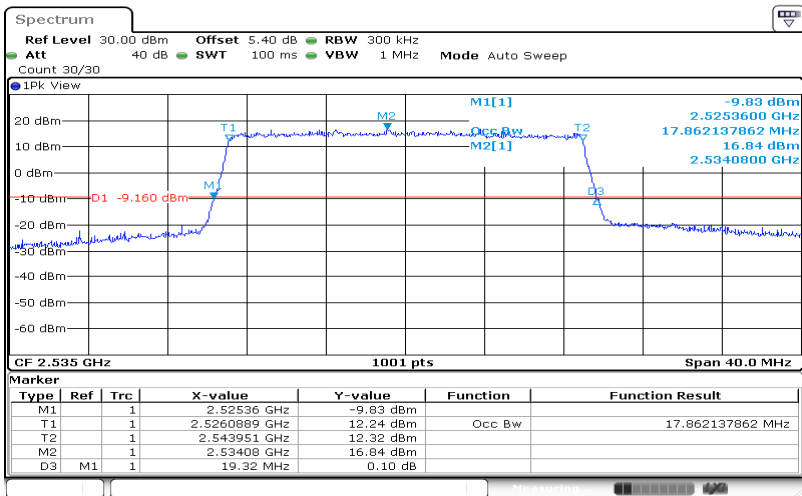
Date: 29.MAY.2020 09:30:52



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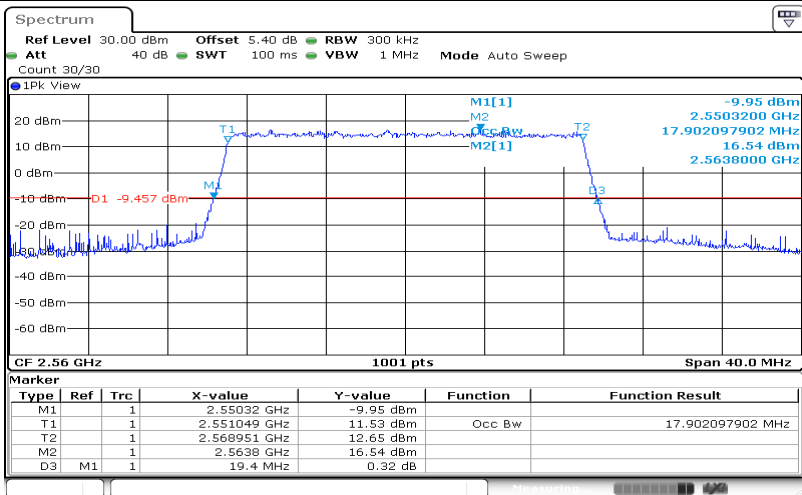
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Band7-20MHz-QPSK-21100-100RB#0-17.862



Date: 29.MAY.2020 09:31:17

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

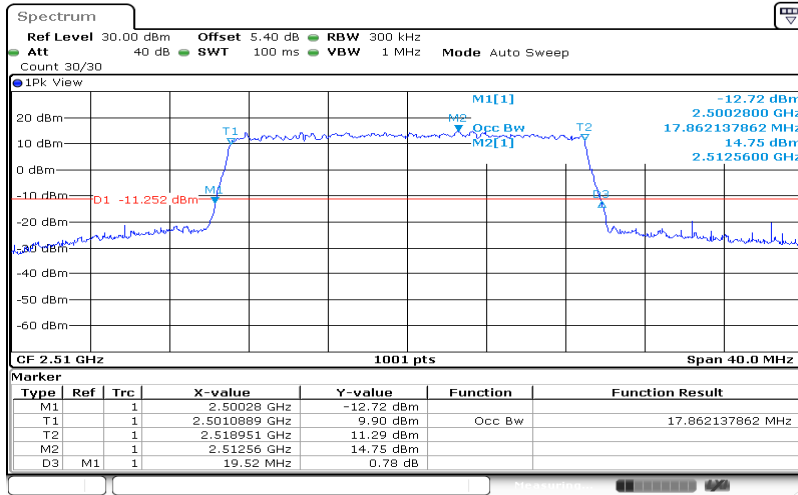


Date: 29.MAY.2020 09:31:43



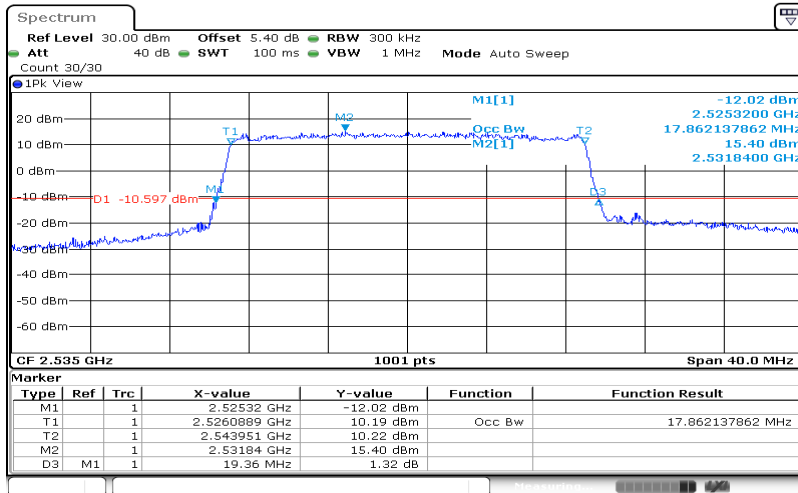
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Band7-20MHz-64QAM-20850-100RB#0-17.862



Date: 31.MAY.2020 12:40:46

Band7-20MHz-64QAM-21100-100RB#0-17.862



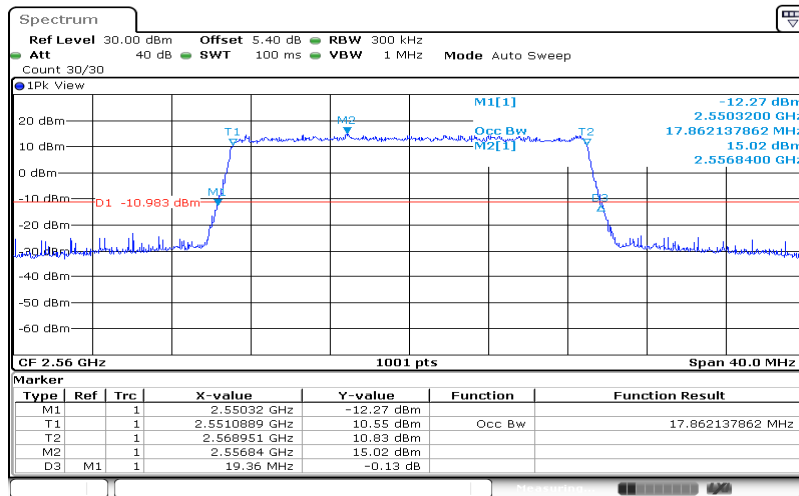
Date: 31.MAY.2020 12:40:59



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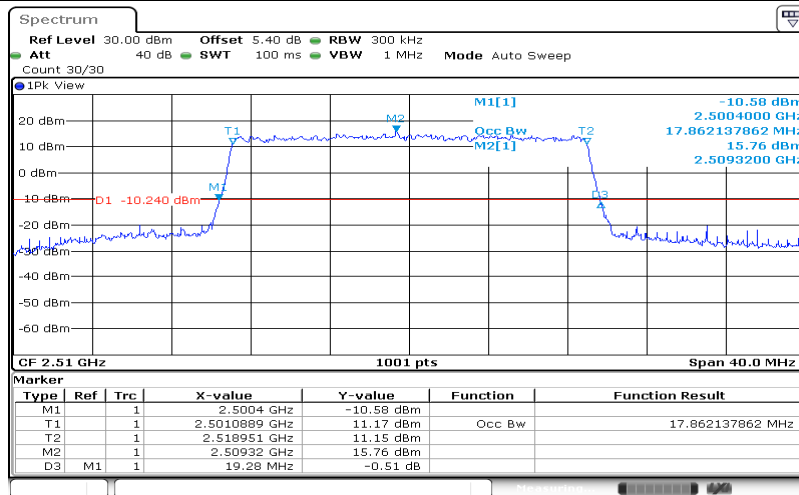
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Band7-20MHz-64QAM-21350-100RB#0-17.862



Date: 31.MAY.2020 12:41:12

Band7-20MHz-16QAM-20850-100RB#0-17.862



Date: 29.MAY.2020 09:31:04

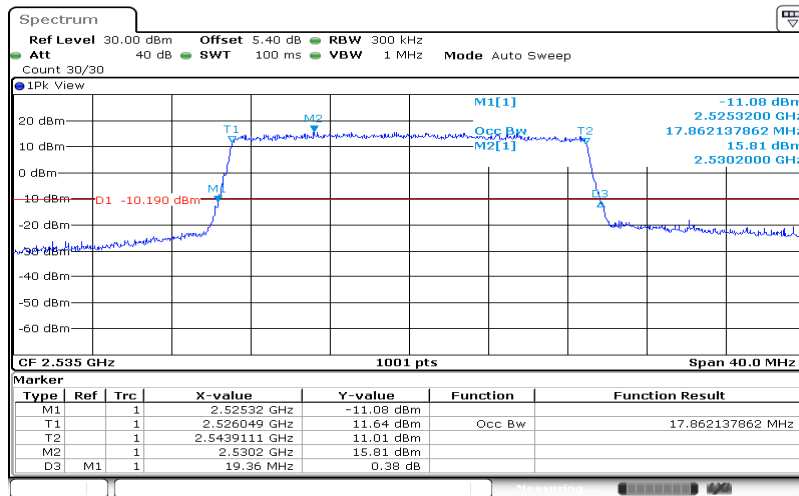


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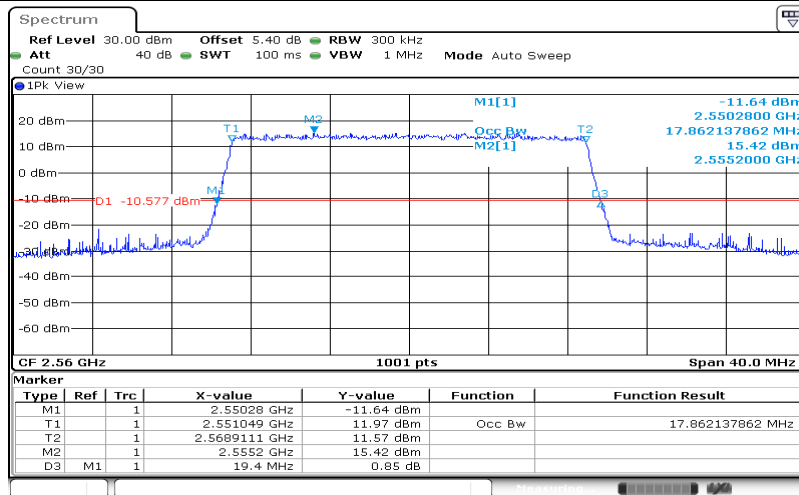
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Band7-20MHz-16QAM-21100-100RB#0-17.862



Band7-20MHz-16QAM-21350-100RB#0-17.862

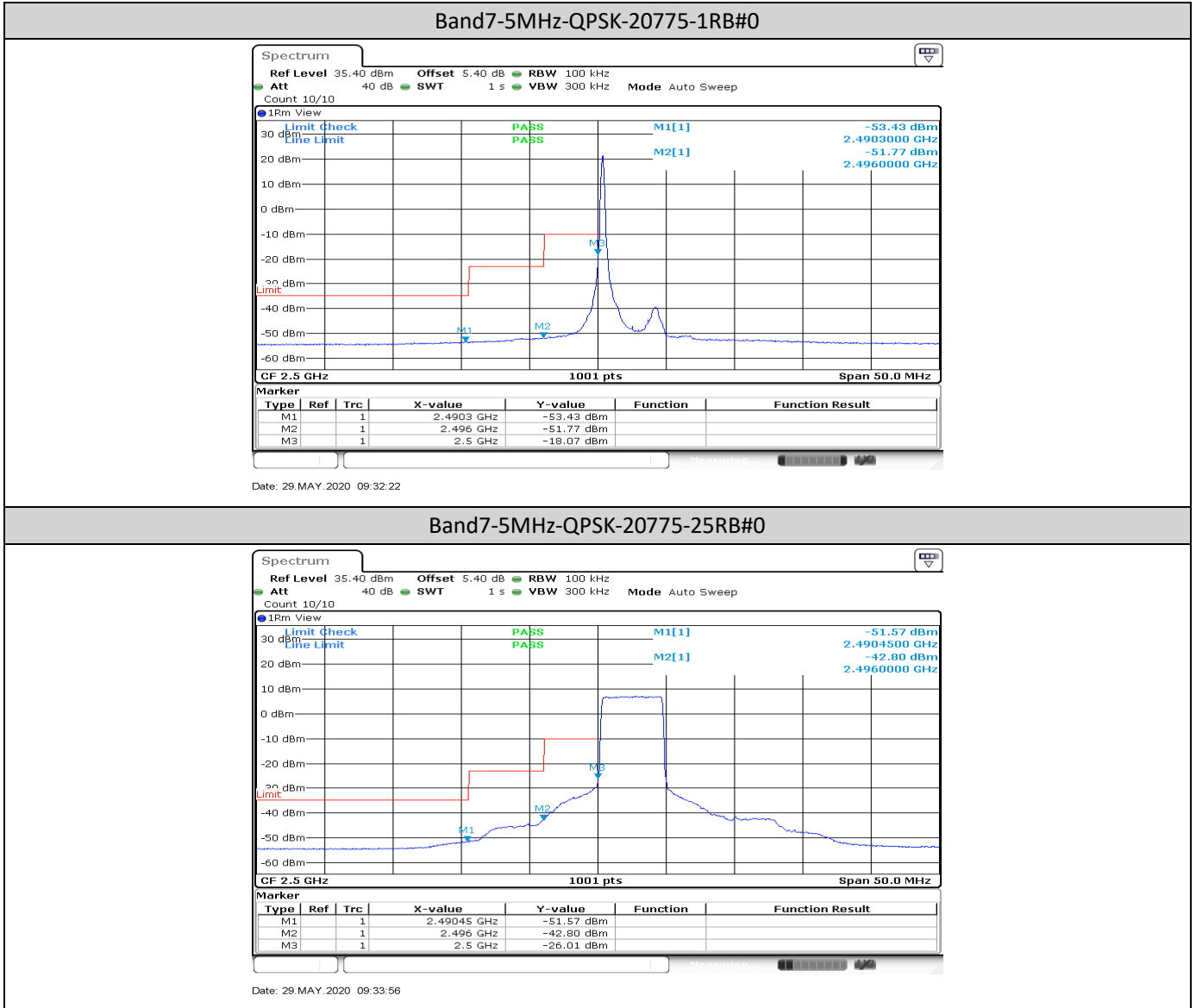


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5. Band Edge Compliance

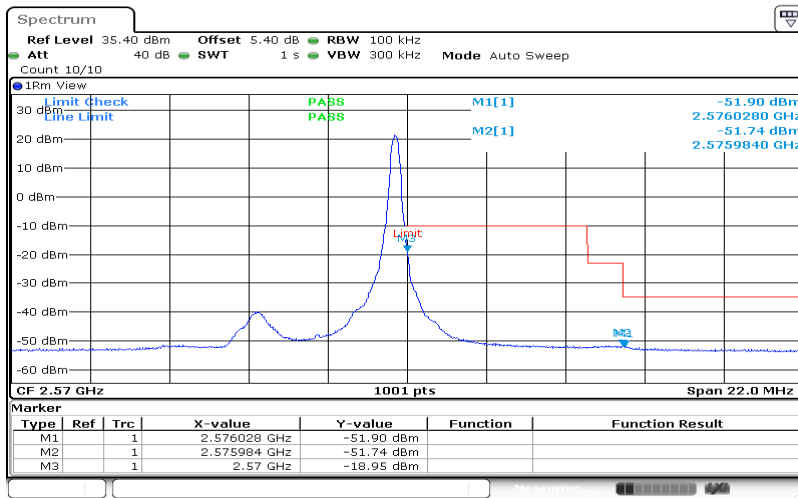
5.1. Test Plots



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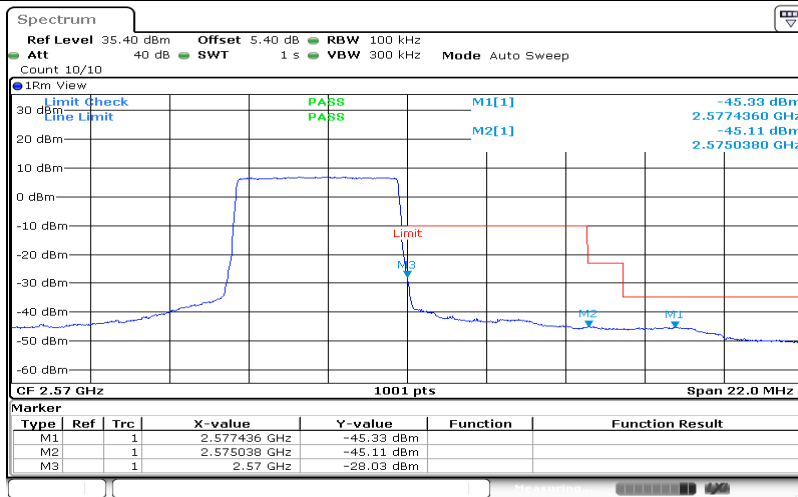
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Band7-5MHz-QPSK-21425-1RB#24



Date: 29.MAY.2020 09:33:09

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



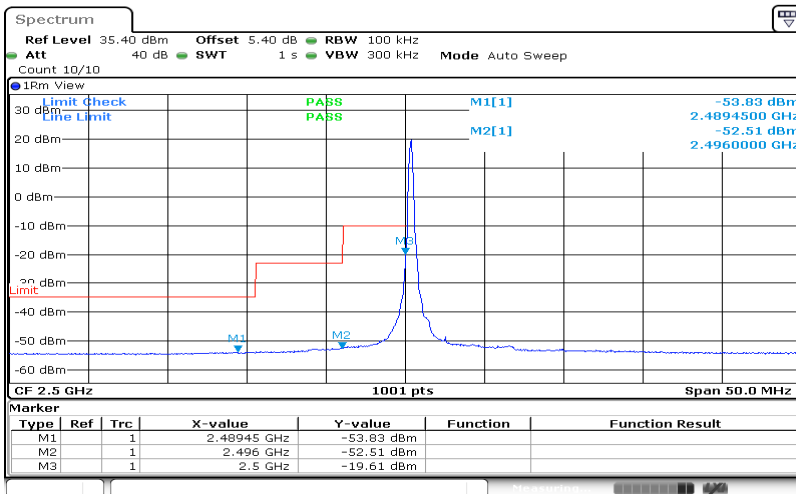
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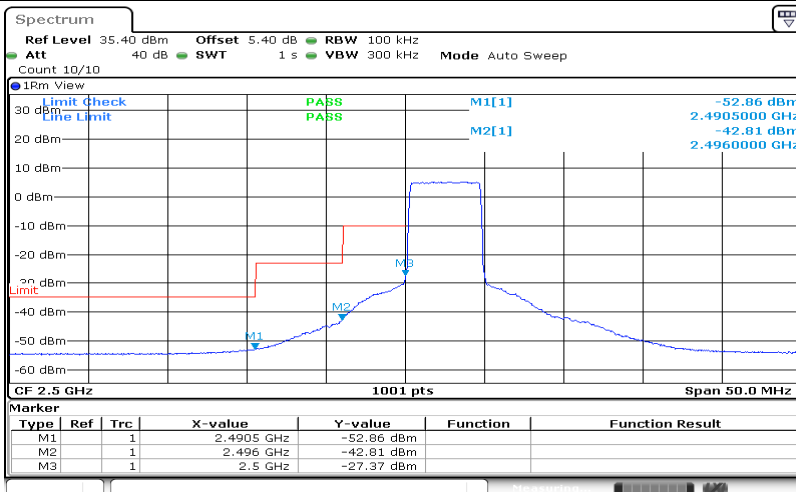
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Band7-5MHz-64QAM-20775-1RB#0



Date: 31.MAY.2020 12:41:39

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



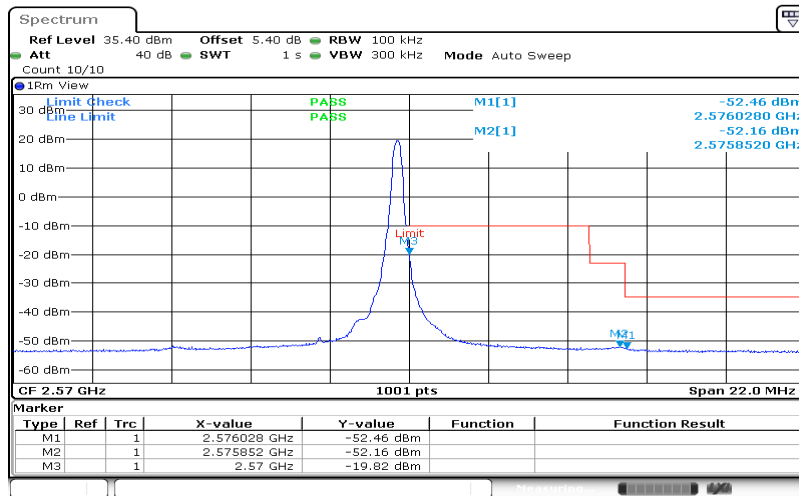
Date: 31.MAY.2020 12:42:31



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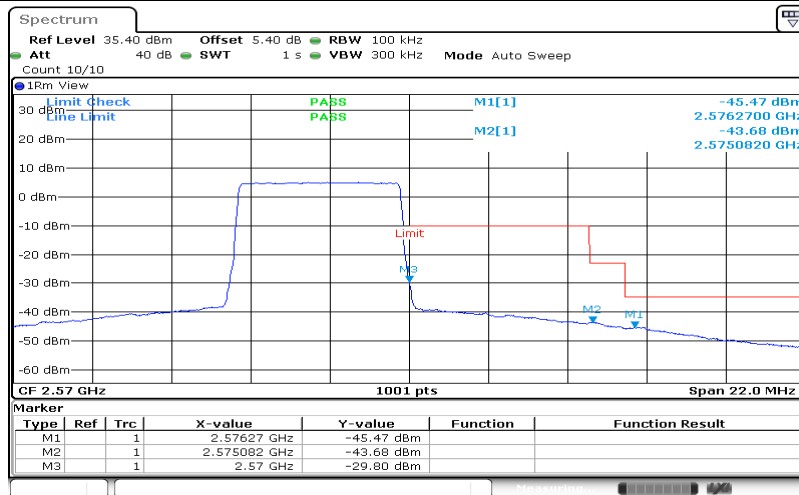
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Band7-5MHz-64QAM-21425-1RB#24



Date: 31.MAY.2020 12:42:04

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



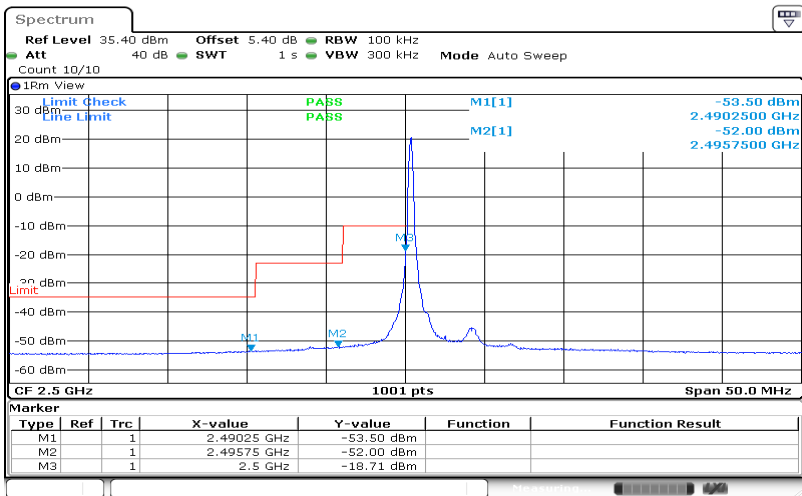
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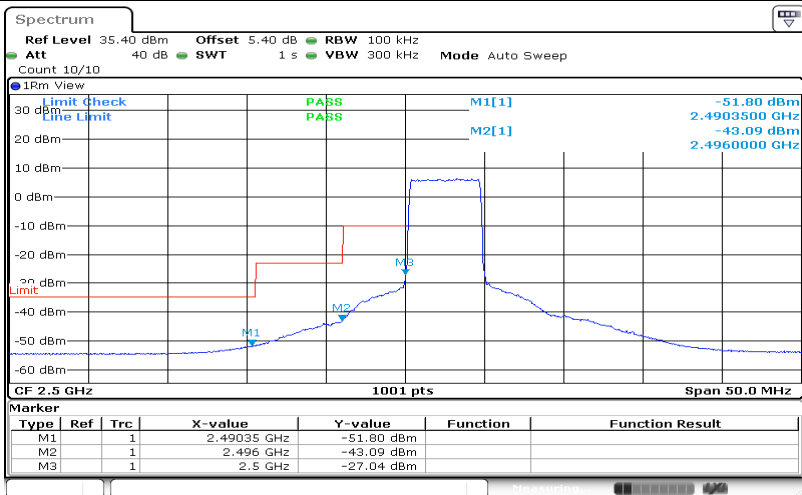
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Band7-5MHz-16QAM-20775-1RB#0



Date: 29.MAY.2020 09:32:43

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

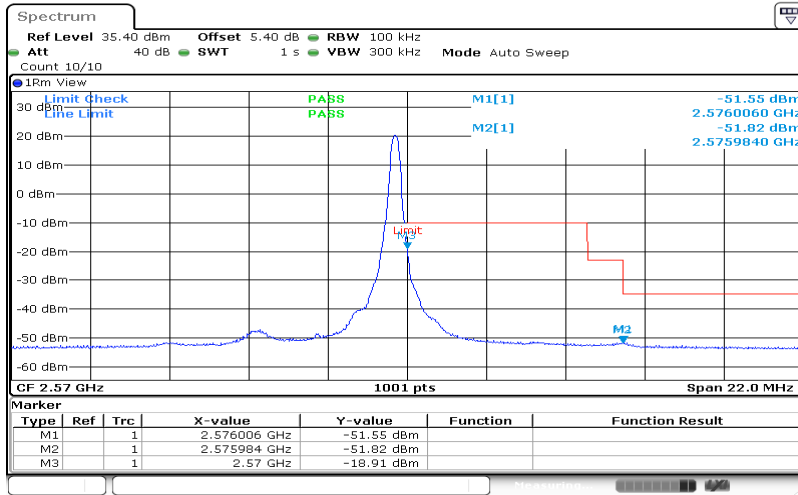


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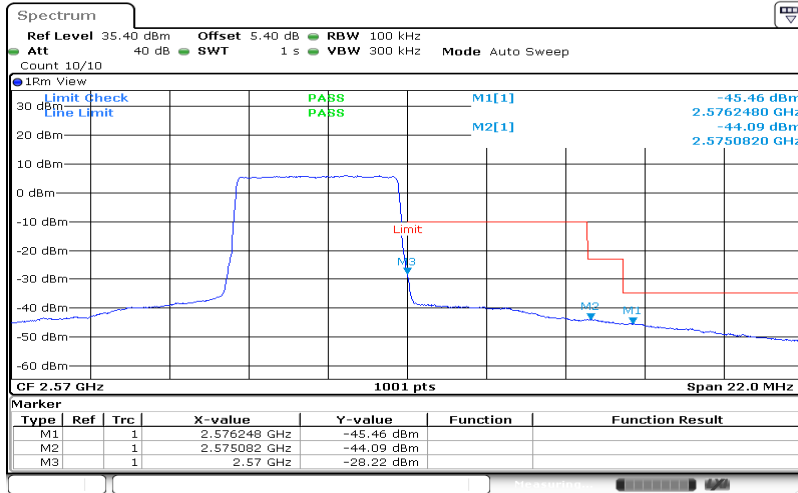
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Band7-5MHz-16QAM-21425-1RB#24



Date: 29.MAY.2020 09:33:30

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



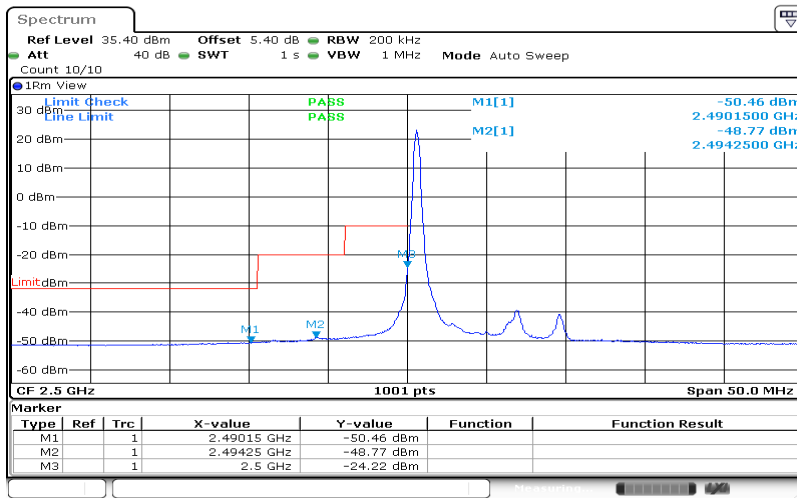
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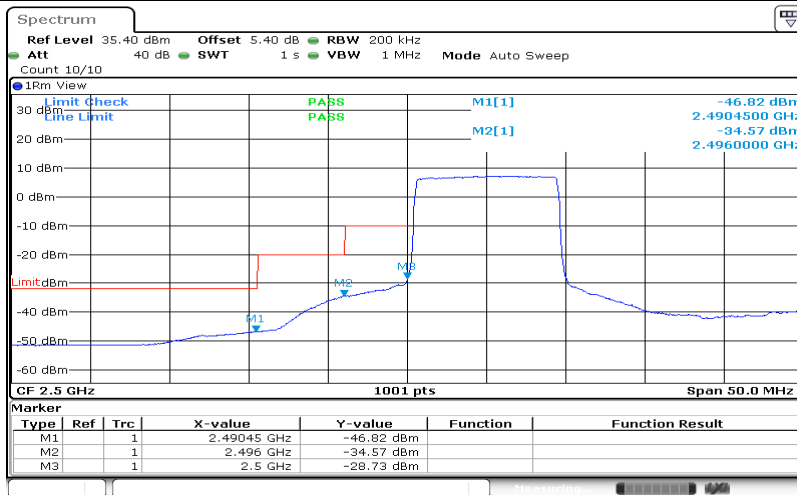
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Band7-10MHz-QPSK-20800-1RB#0



Date: 29.MAY.2020 09:35:26

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



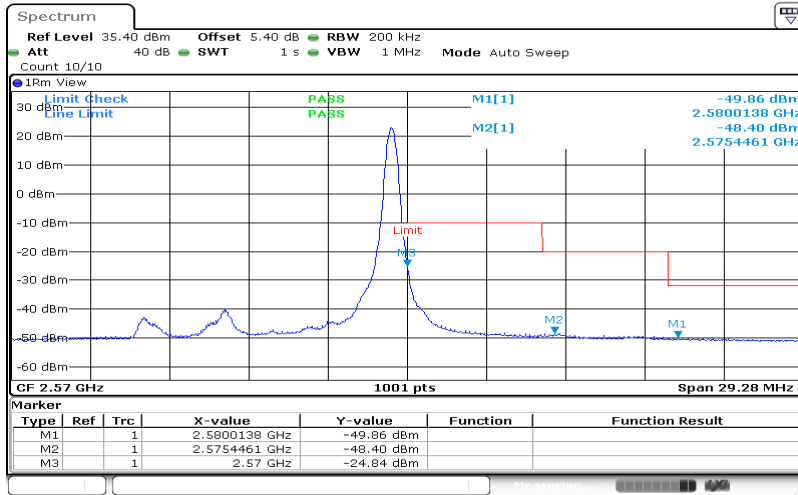
Date: 29.MAY.2020 09:37:00



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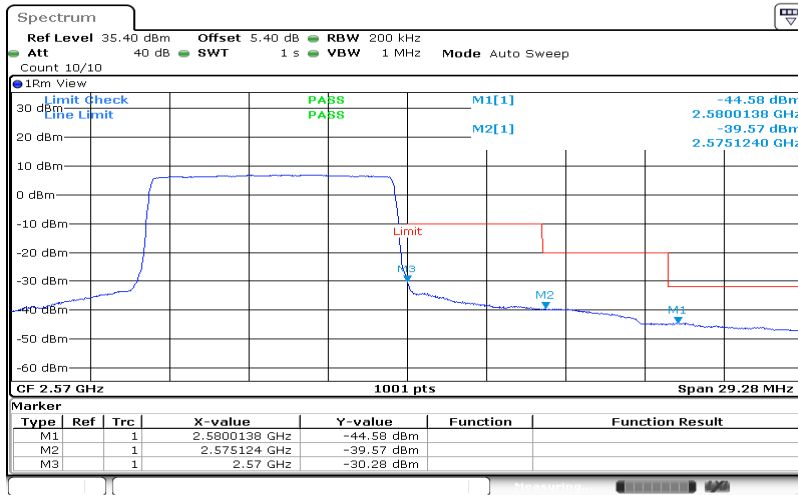
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Band7-10MHz-QPSK-21400-1RB#49



Date: 29.MAY.2020 09:36:13

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



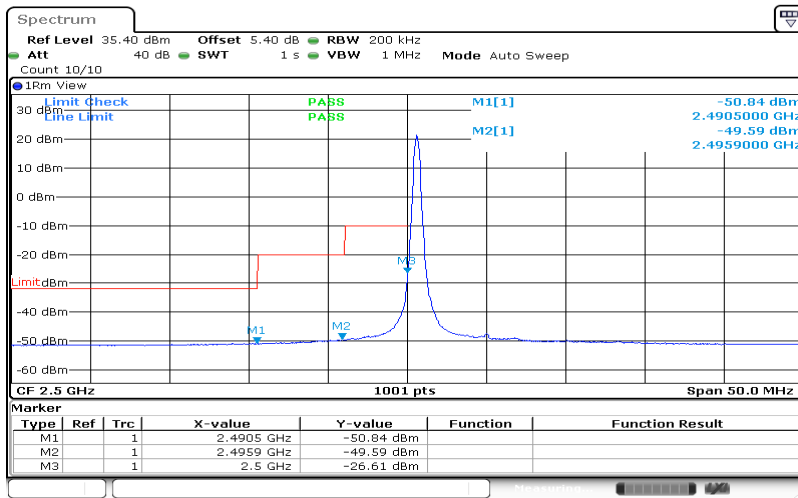
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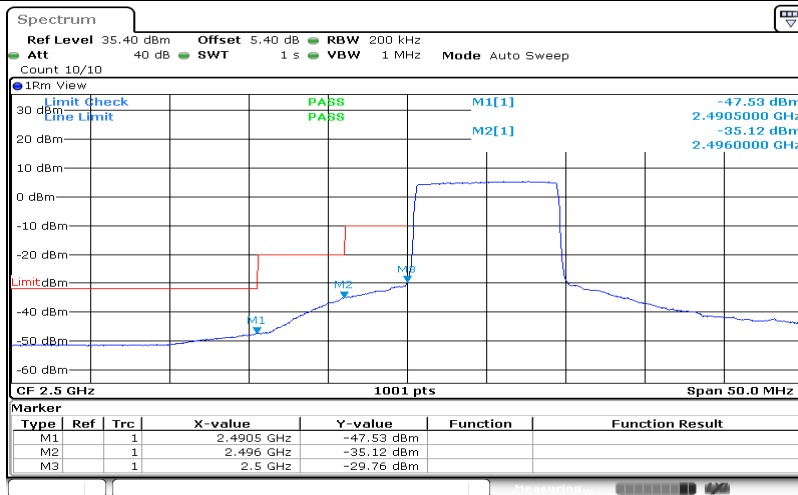
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Band7-10MHz-64QAM-20800-1RB#0



Date: 31.MAY.2020 12:43:19

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



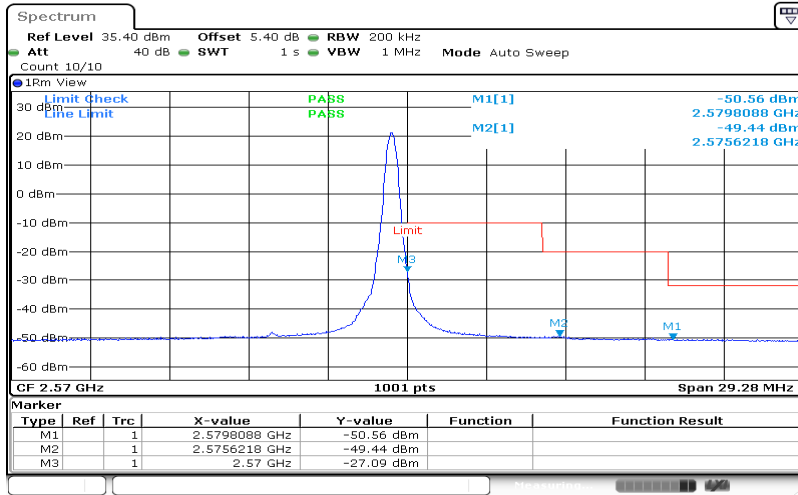
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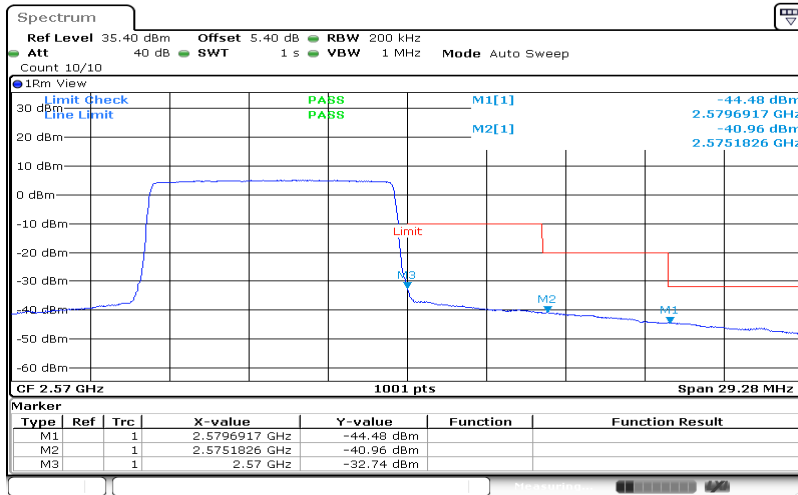
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Band7-10MHz-64QAM-21400-1RB#49



Date: 31.MAY.2020 12:43:45

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



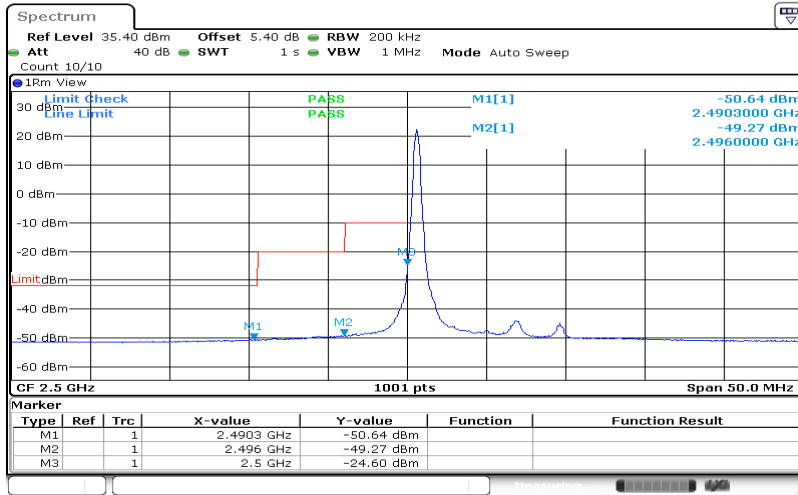
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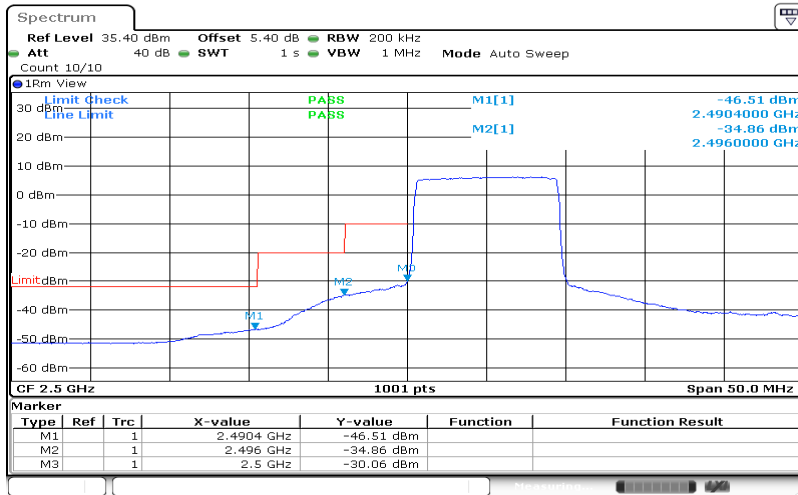
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Band7-10MHz-16QAM-20800-1RB#0



Date: 29.MAY.2020 09:35:48

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



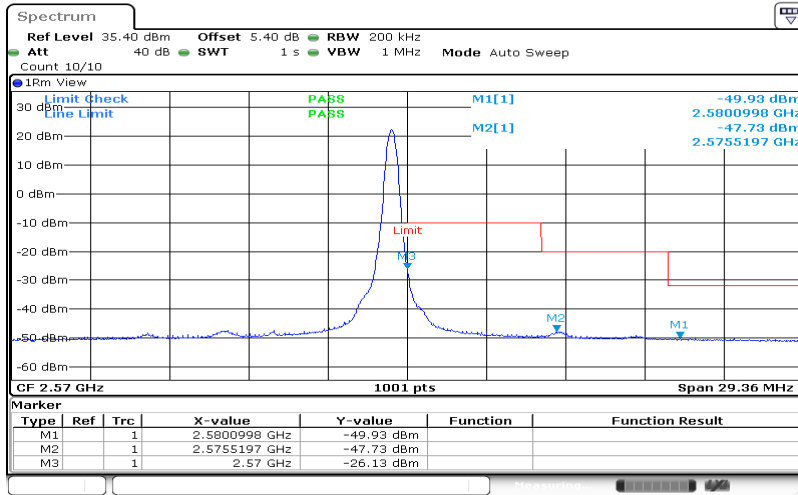
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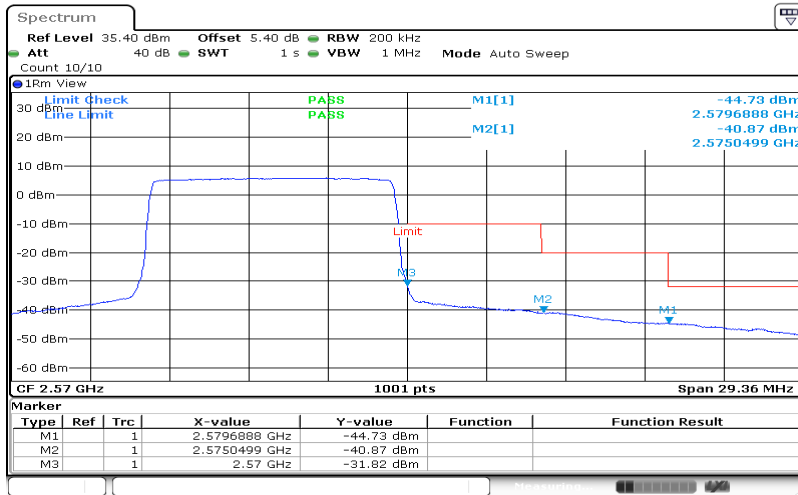
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Band7-10MHz-16QAM-21400-1RB#49



Date: 29.MAY.2020 09:36:35

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



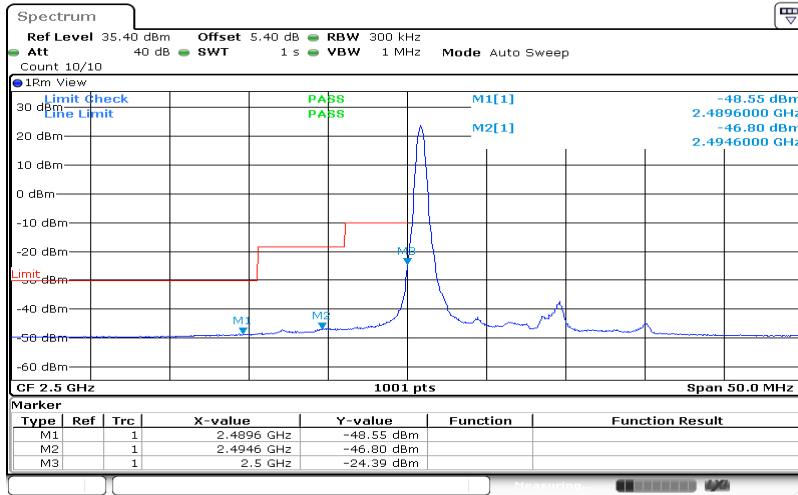
Date: 29.MAY.2020 09:38:04



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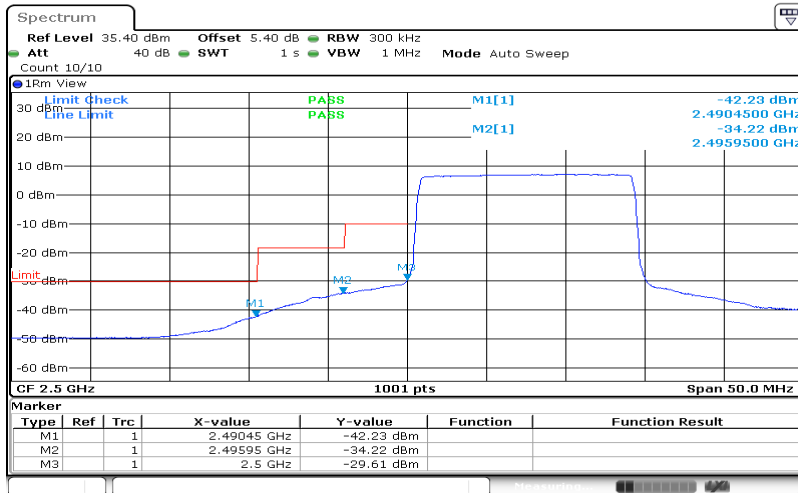
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Band7-15MHz-QPSK-20825-1RB#0



Date: 29.MAY.2020 09:38:30

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



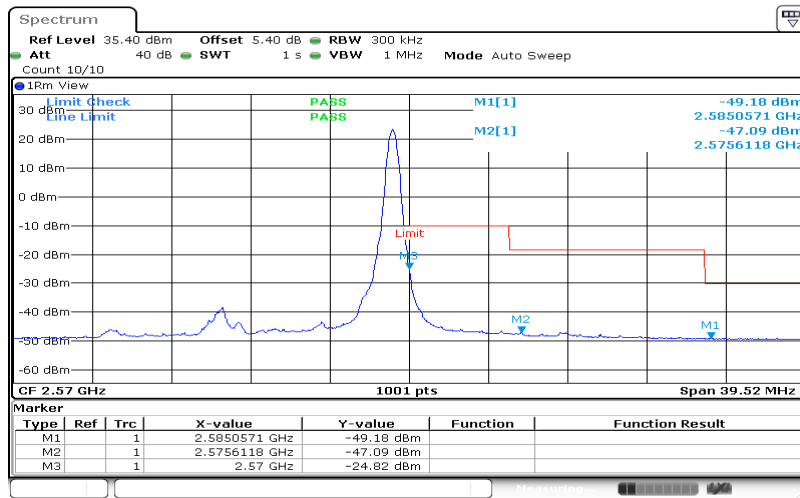
Date: 29.MAY.2020 09:40:04



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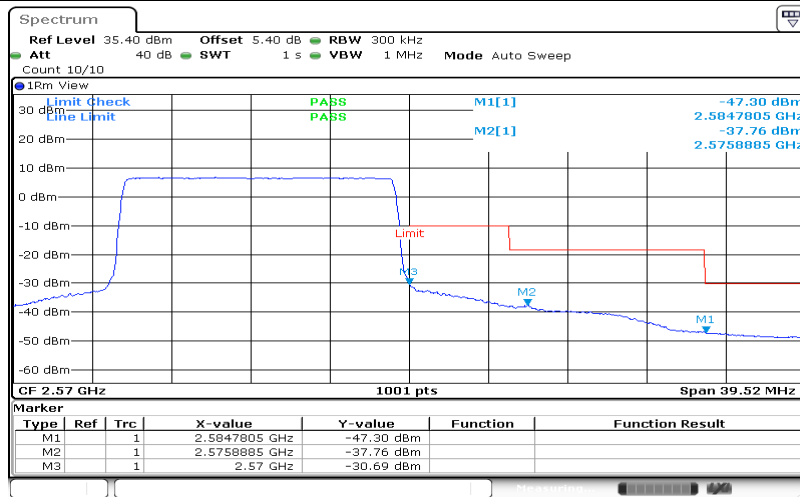
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Band7-15MHz-QPSK-21375-1RB#74



Date: 29.MAY.2020 09:39:17

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



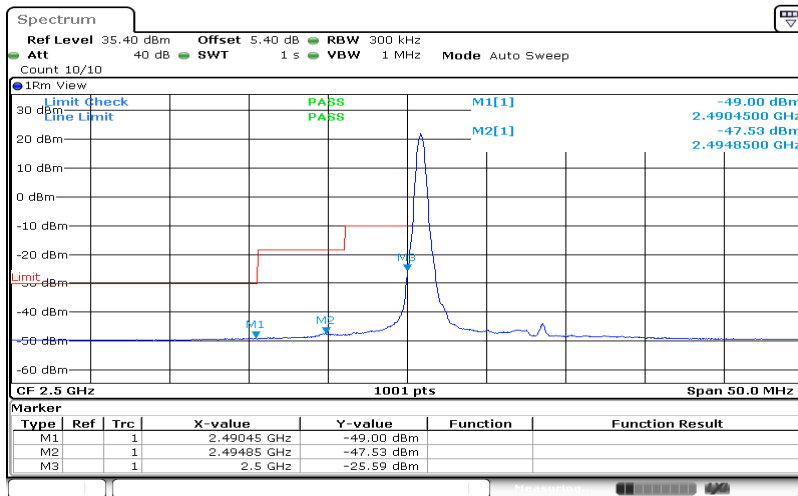
Date: 29.MAY.2020 09:40:46



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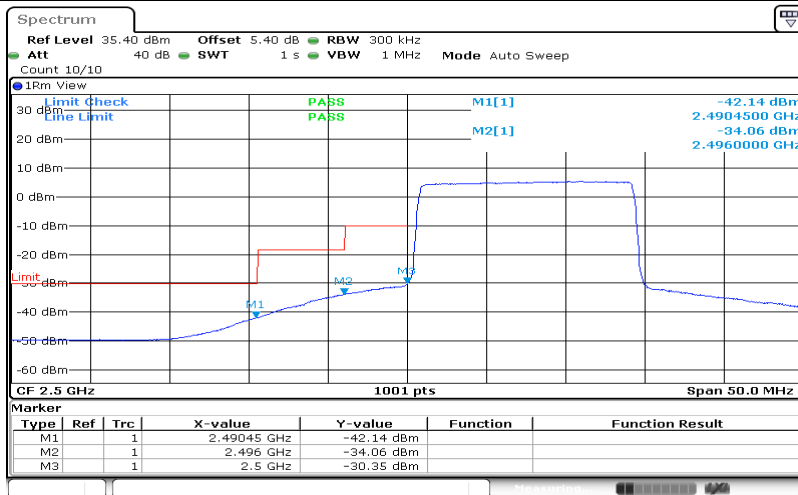
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Date: 31.MAY.2020 12:45:03

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



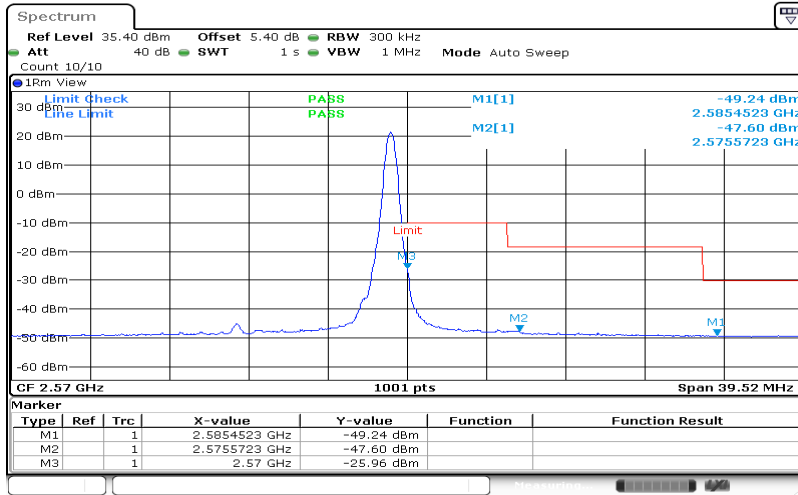
Date: 31.MAY.2020 12:46:03



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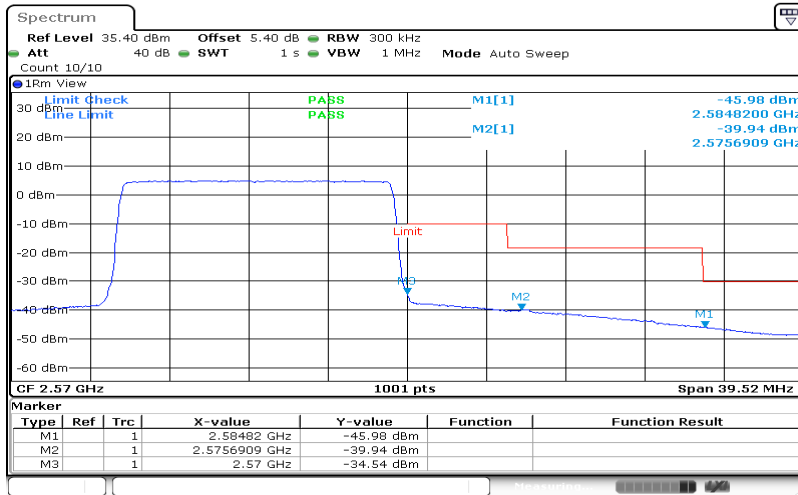
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Band7-15MHz-64QAM-21375-1RB#74



Date: 31.MAY.2020 12:45:37

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



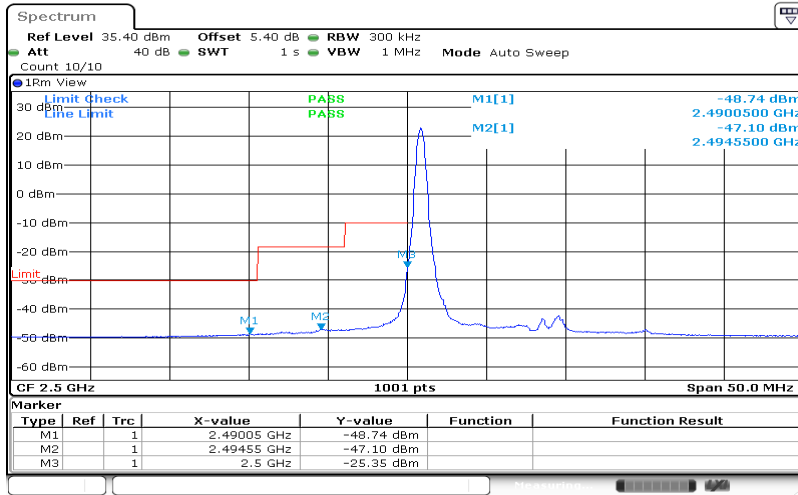
Date: 31.MAY.2020 12:46:28



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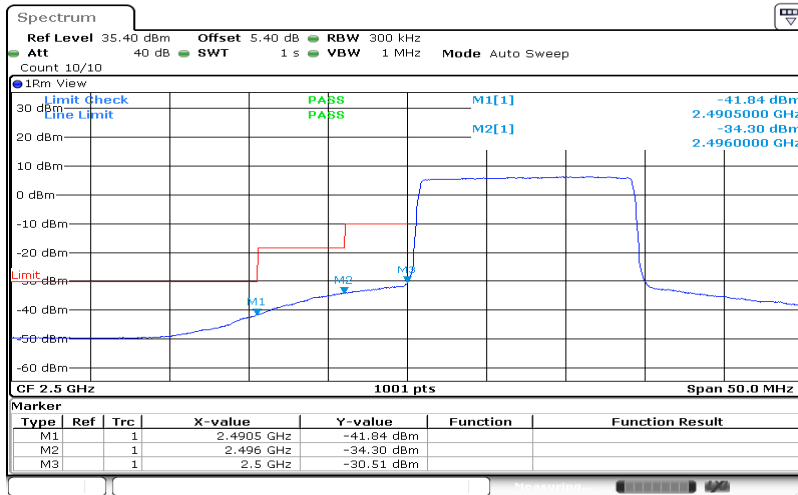
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Band7-15MHz-16QAM-20825-1RB#0



Date: 29.MAY.2020 09:38:51

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



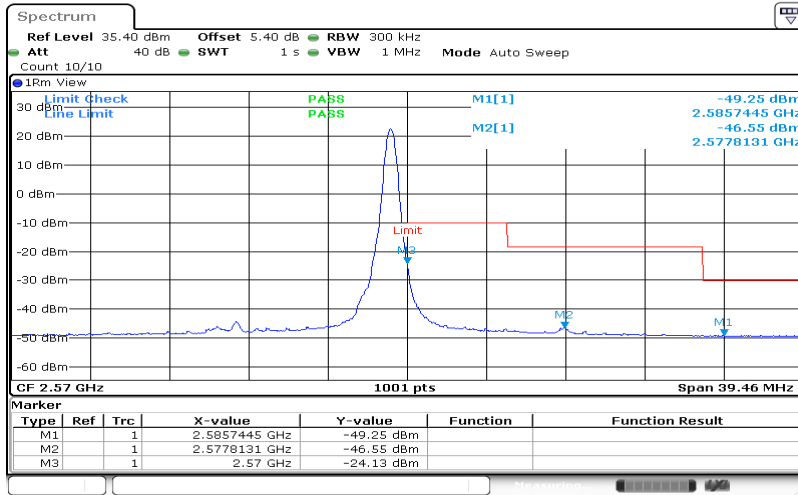
Date: 29.MAY.2020 09:40:25



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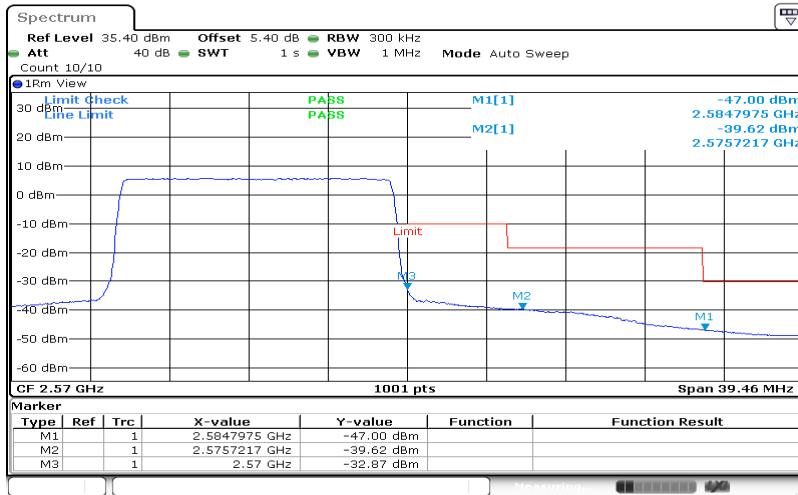
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Band7-15MHz-16QAM-21375-1RB#74



Date: 29.MAY.2020 09:39:38

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



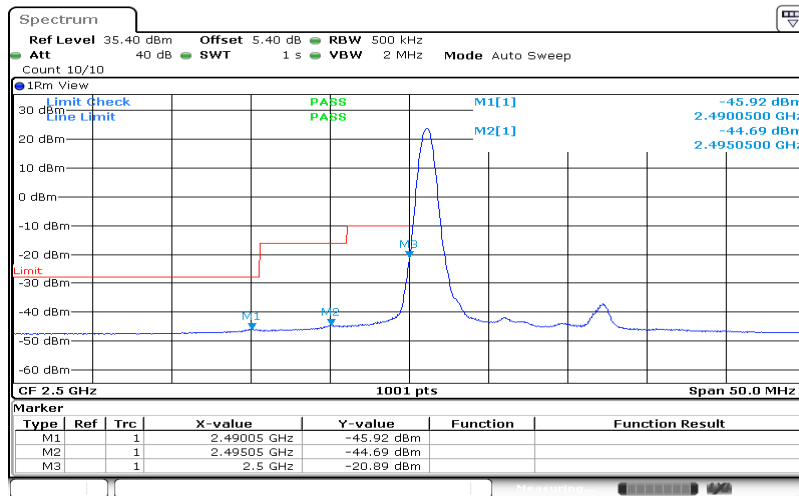
Date: 29.MAY.2020 09:41:07



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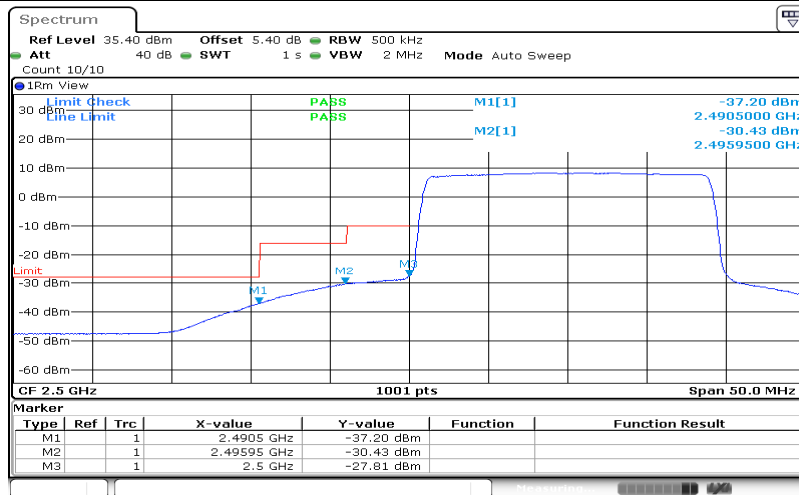
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Band7-20MHz-QPSK-20850-1RB#0



Date: 29.MAY.2020 09:41:33

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



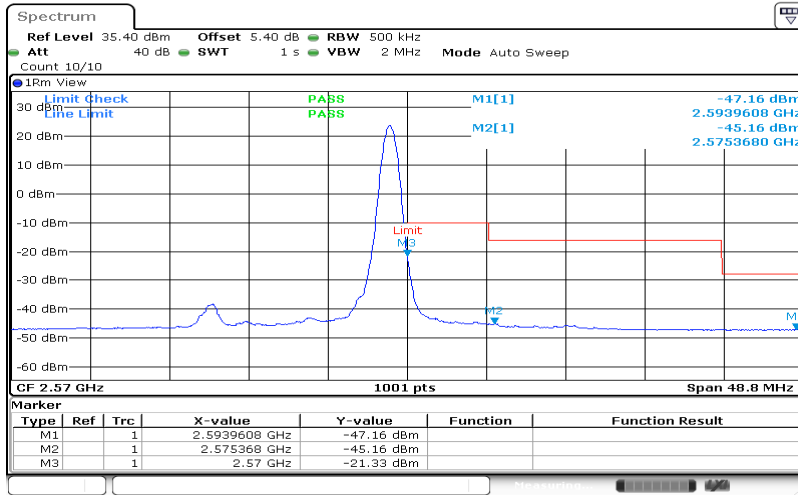
Date: 29.MAY.2020 09:43:07



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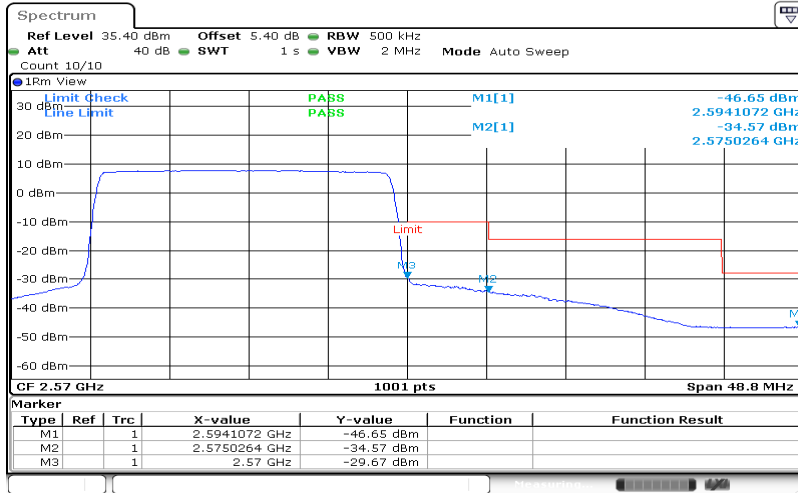
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Band7-20MHz-QPSK-21350-1RB#99



Date: 29.MAY.2020 09:42:20

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



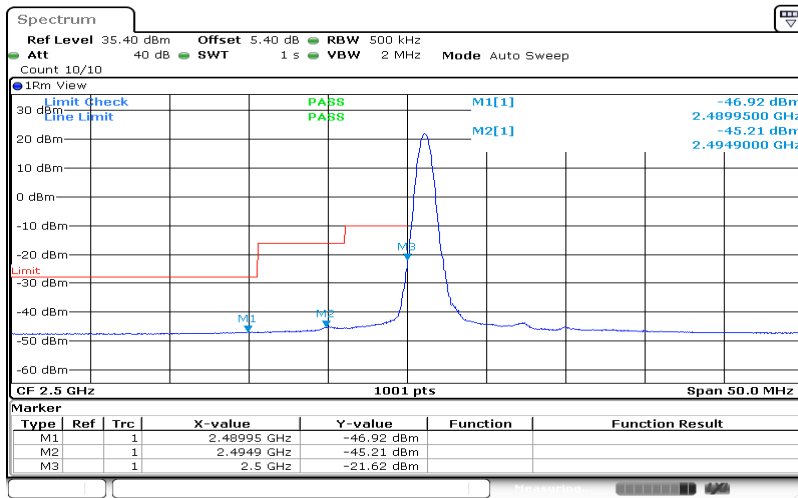
Date: 29.MAY.2020 09:43:49



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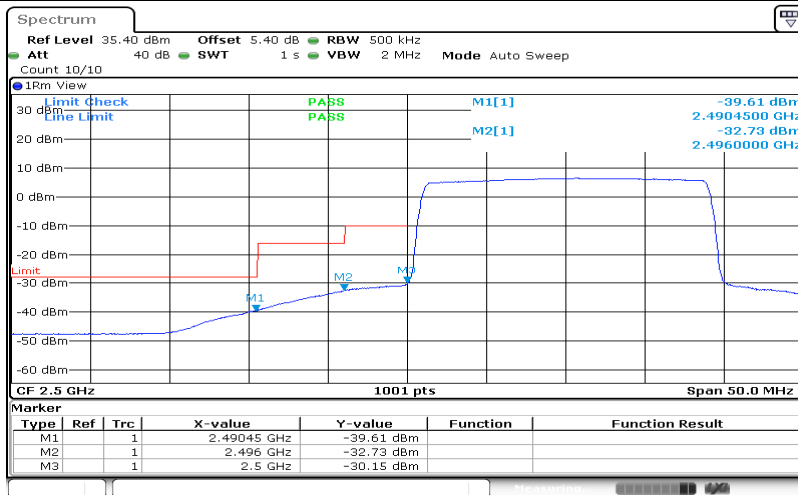
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Band7-20MHz-64QAM-20850-1RB#0



Date: 31.MAY.2020 12:46:54

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

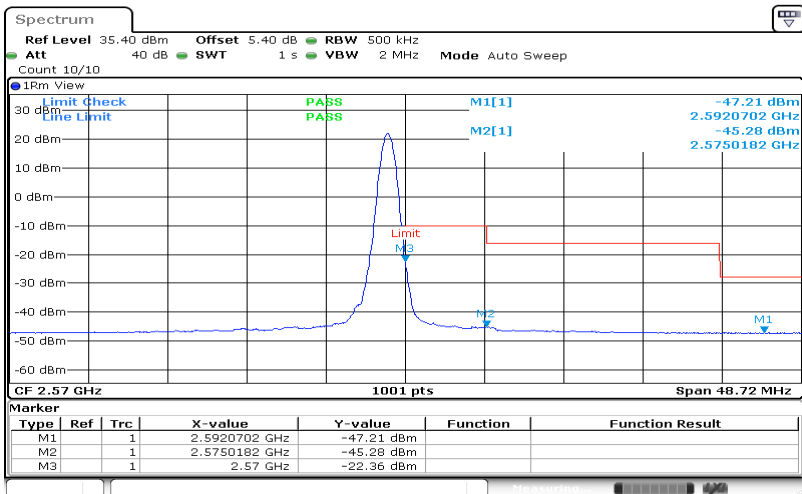


Date: 31.MAY.2020 12:47:58



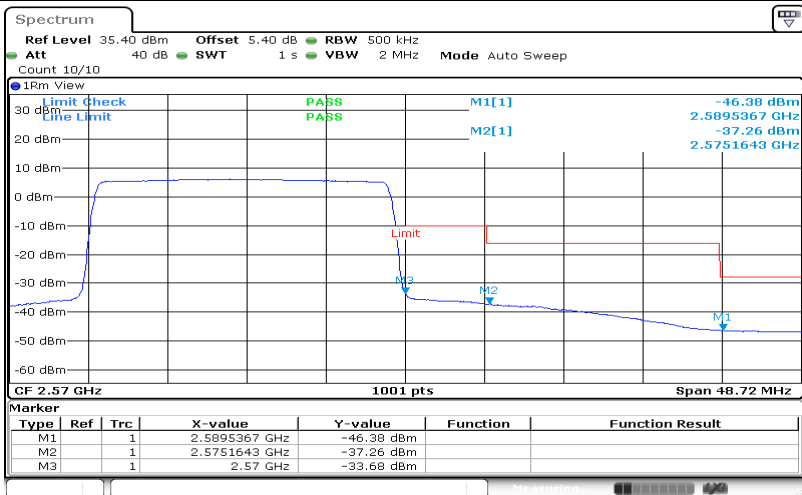
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Band7-20MHz-64QAM-21350-1RB#99



Date: 31.MAY.2020 12:47:21

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

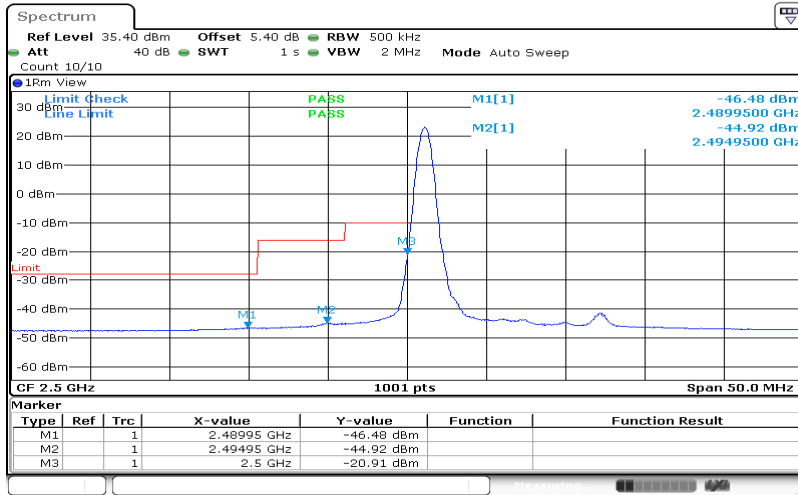


Date: 31.MAY.2020 12:48:19



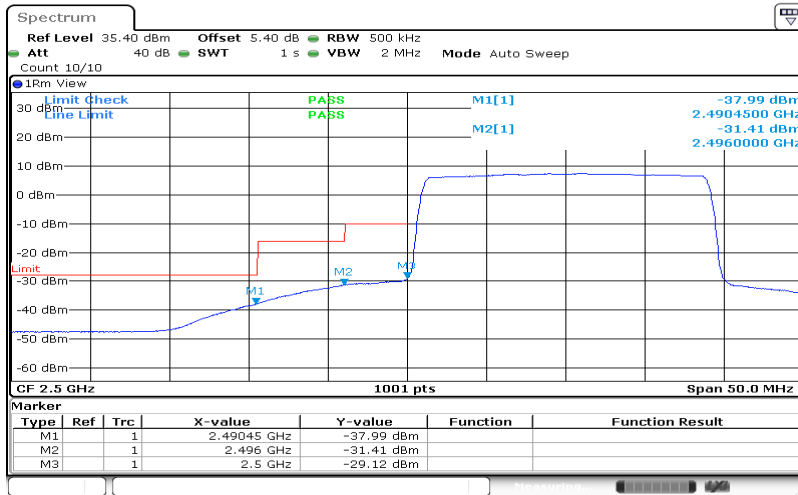
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Band7-20MHz-16QAM-20850-1RB#0



Date: 29.MAY.2020 09:41:54

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

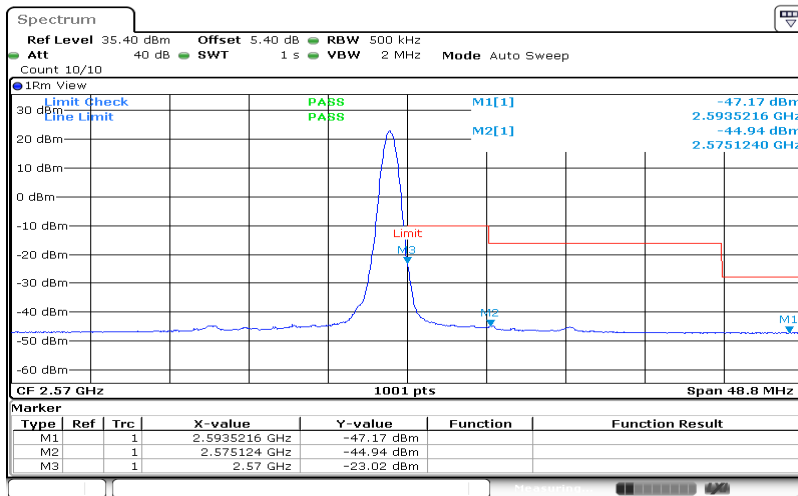


Date: 29.MAY.2020 09:43:28



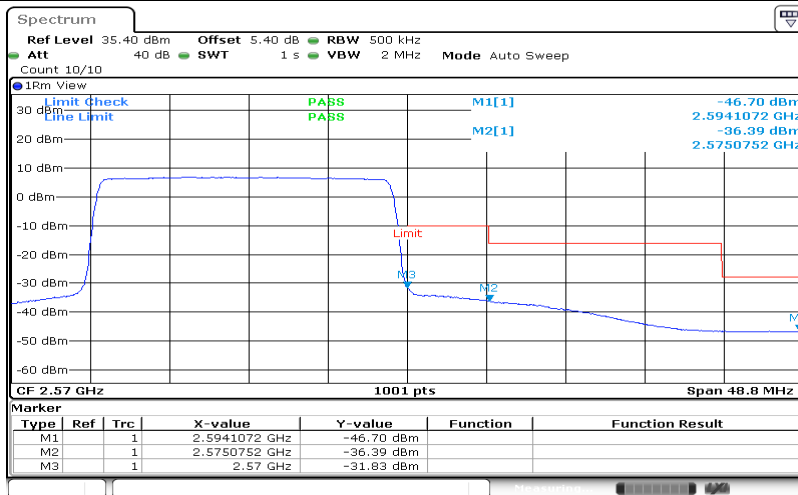
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Band7-20MHz-16QAM-21350-1RB#99



Date: 29.MAY.2020 09:42:41

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



Date: 29.MAY.2020 09:44:11



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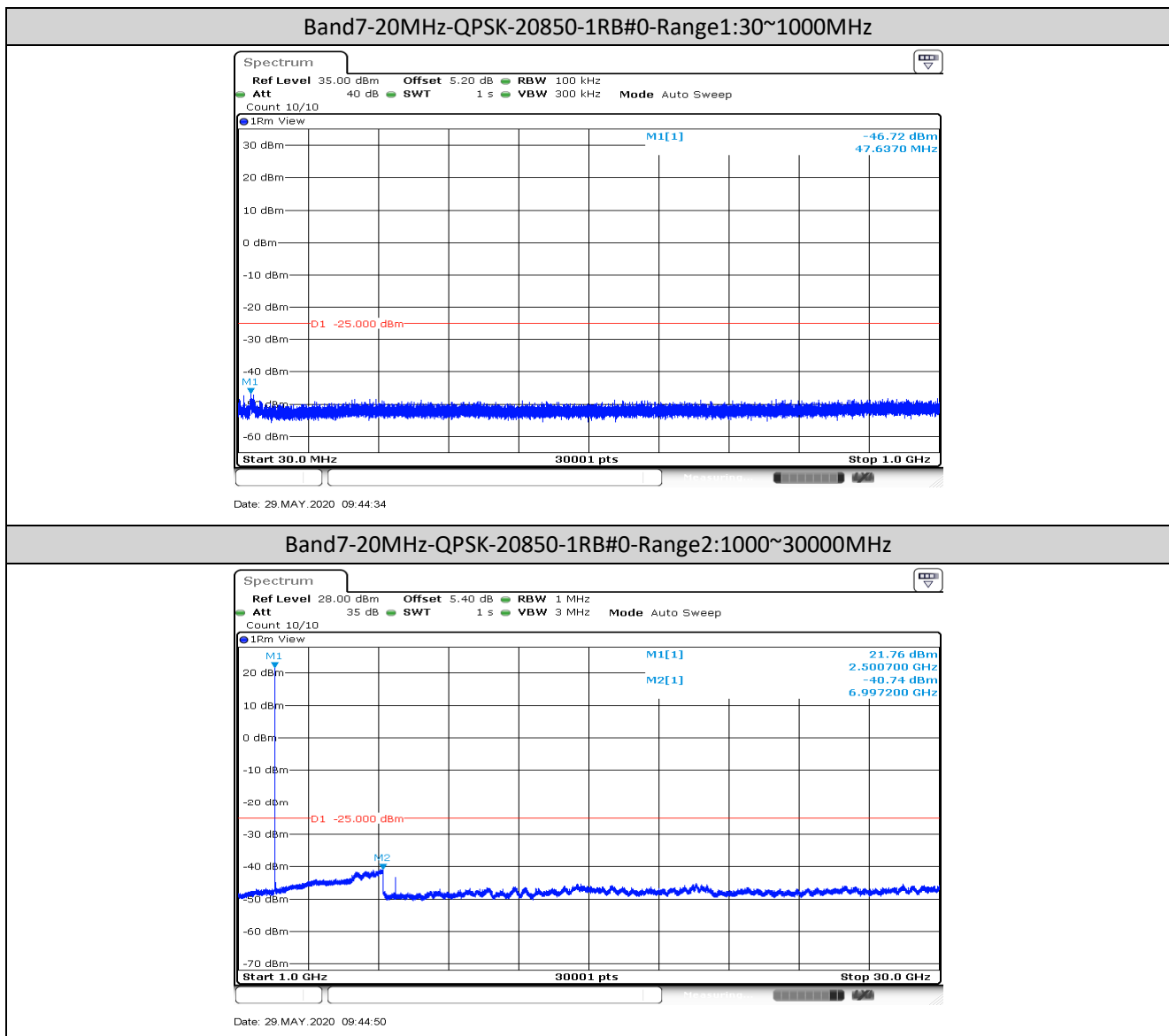
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6. Spurious Emission at Antenna Terminal

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

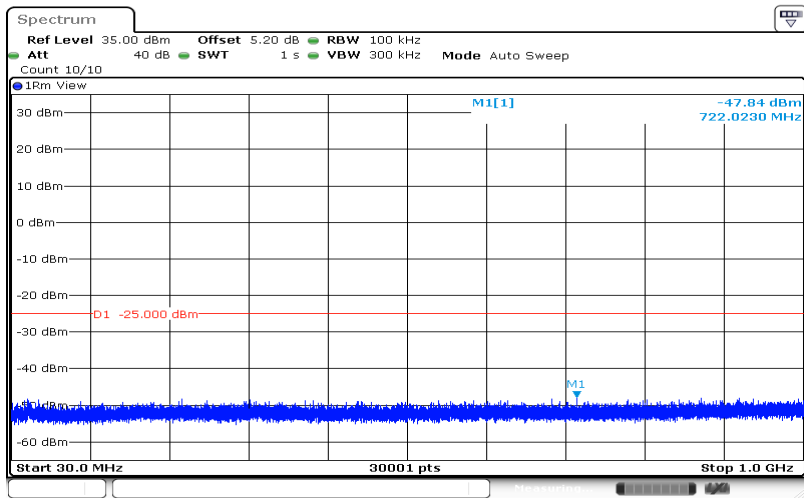
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



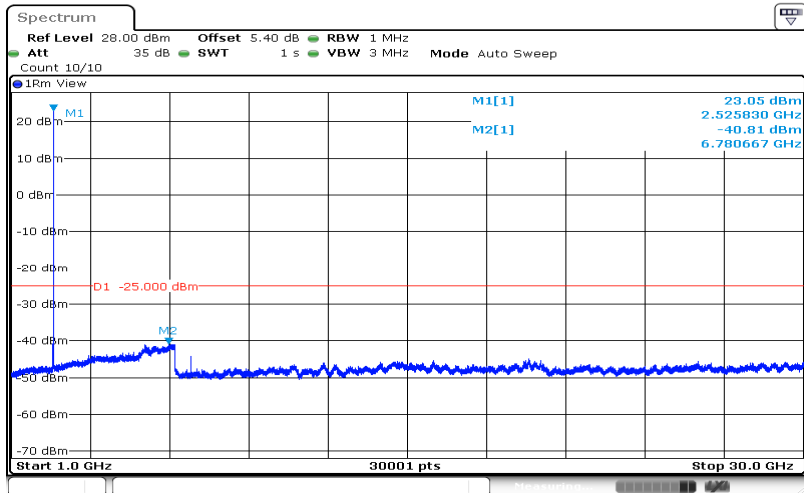
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Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 09:45:44

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

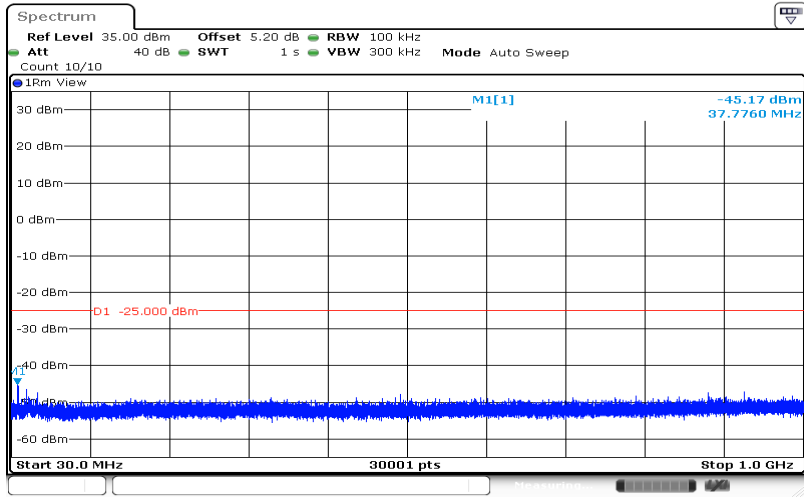


Date: 29.MAY.2020 09:46:00



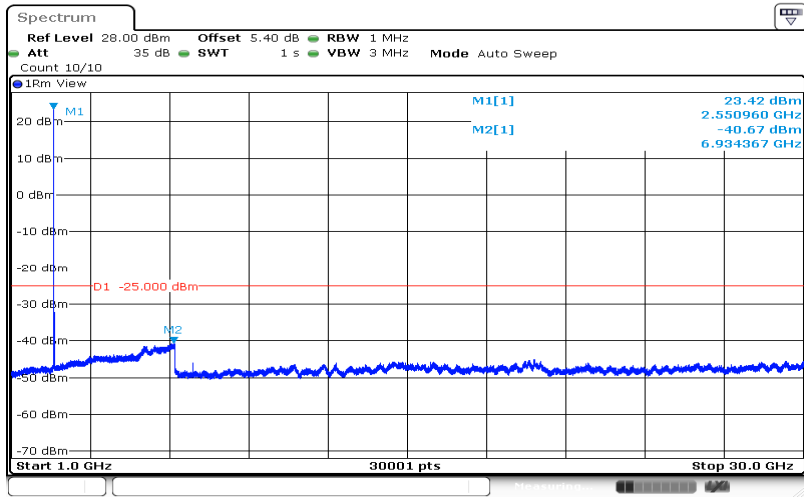
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Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 09:46:56

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

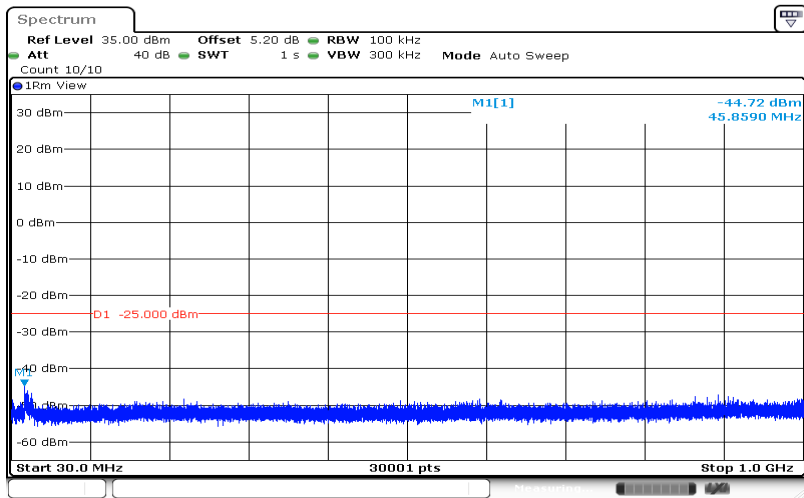


Date: 29.MAY.2020 09:47:12



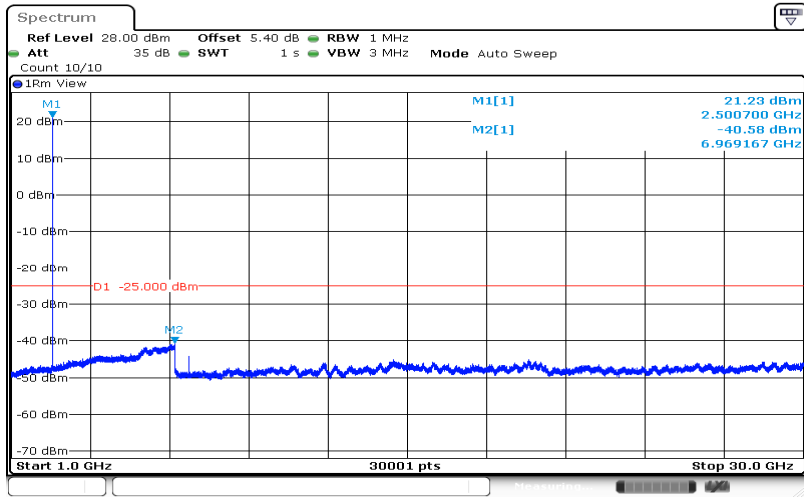
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Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



Date: 31.MAY.2020 12:48:59

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

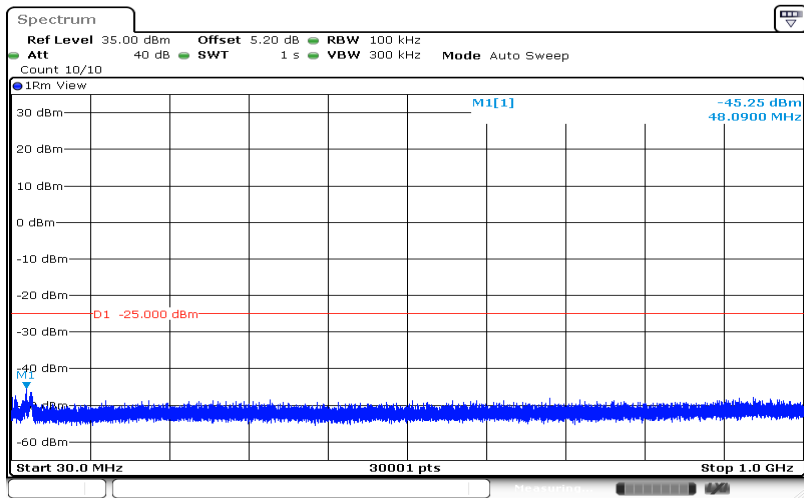


Date: 31.MAY.2020 12:49:16



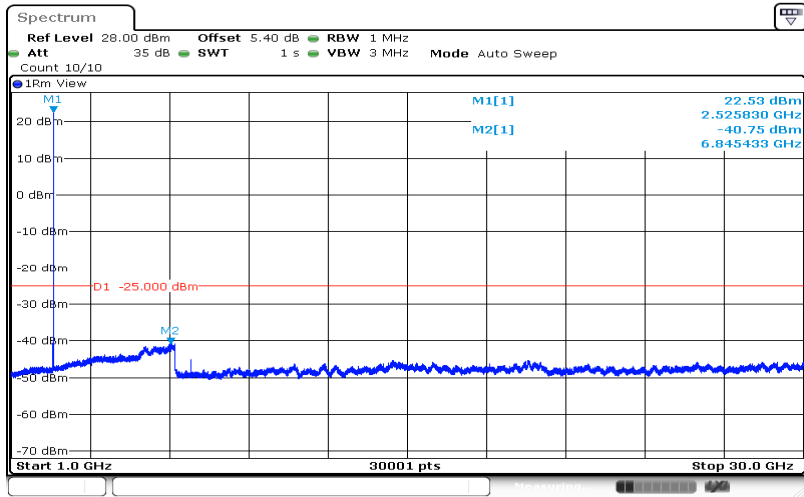
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Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Date: 31.MAY.2020 12:49:35

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

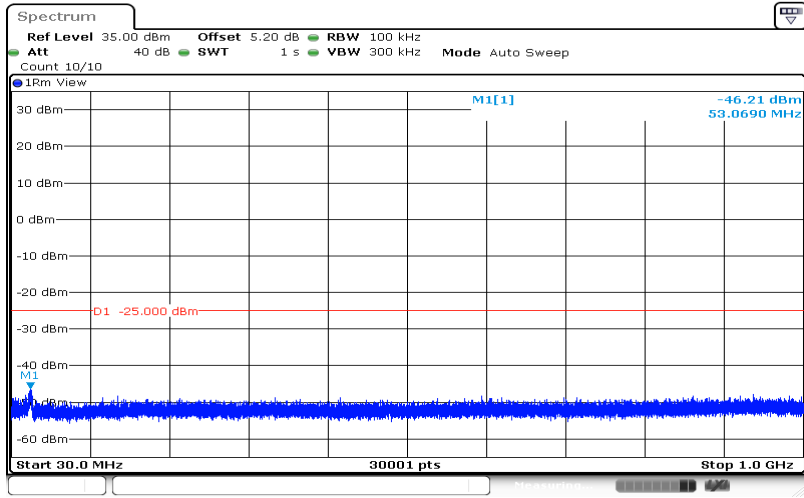


Date: 31.MAY.2020 12:49:51



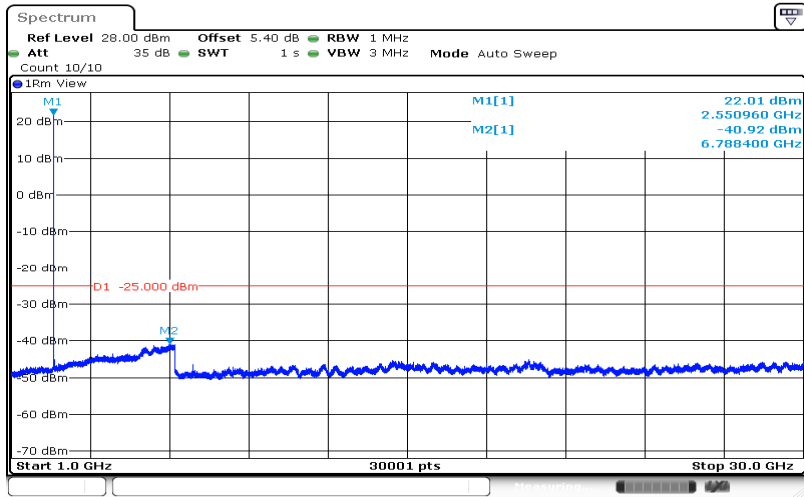
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Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz



Date: 31.MAY.2020 12:50:10

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



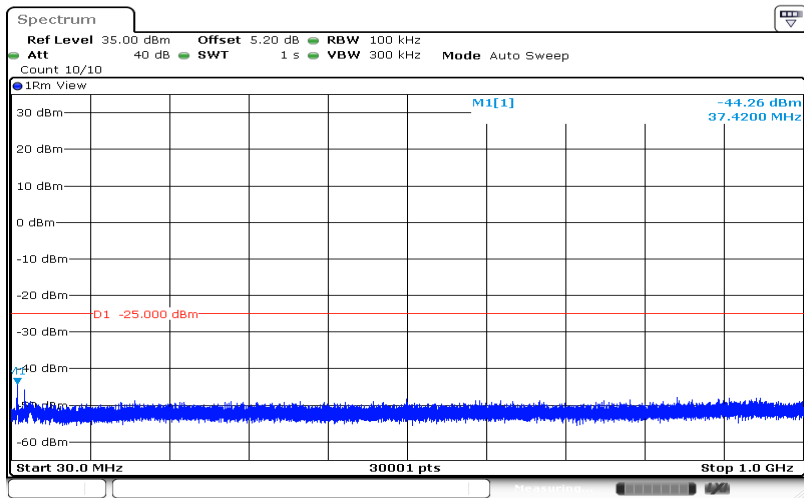
Date: 31.MAY.2020 12:50:27



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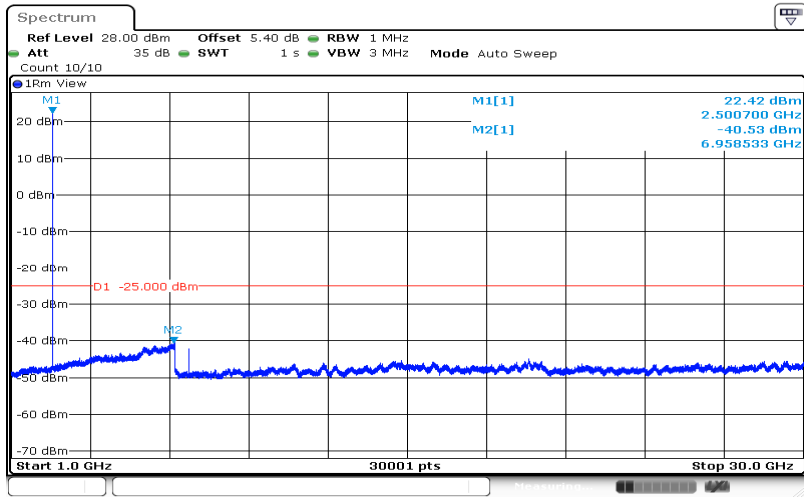


Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 09:45:09

Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz

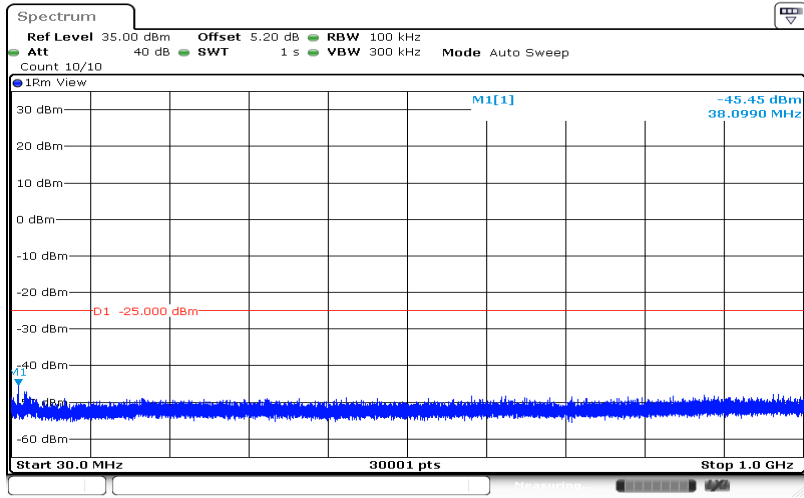


Date: 29.MAY.2020 09:45:25



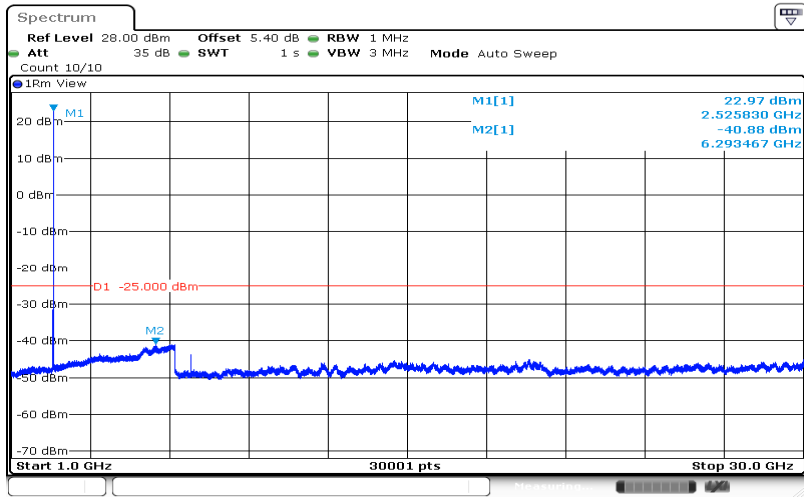
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Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 09:46:19

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

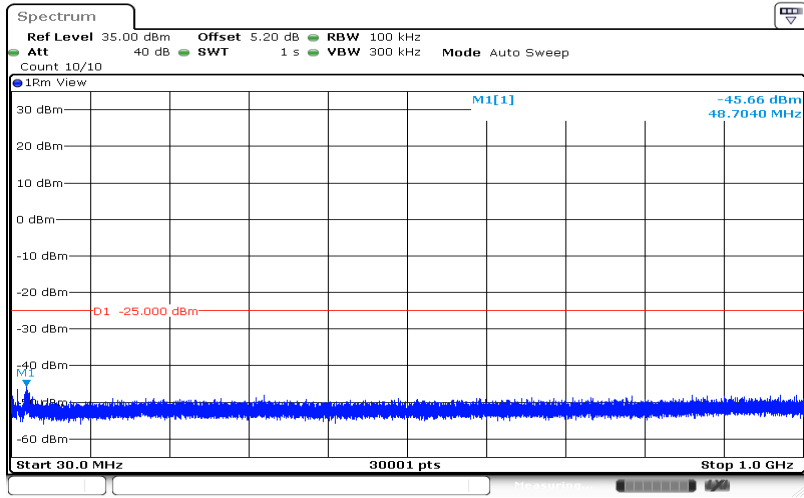


Date: 29.MAY.2020 09:46:36



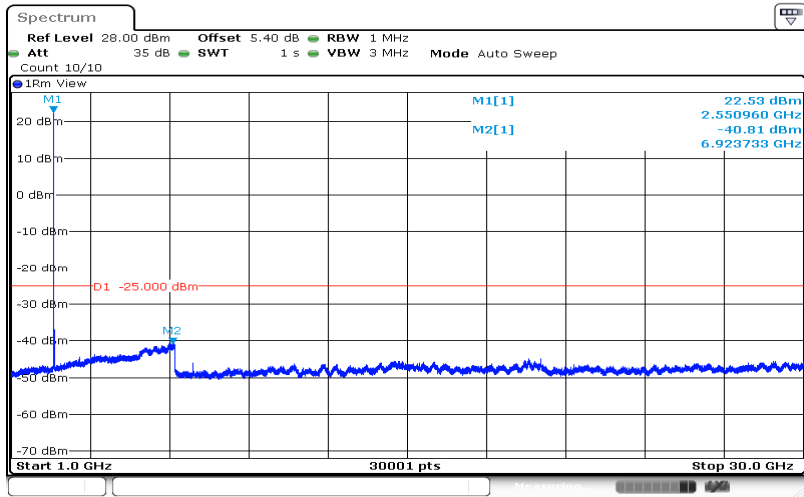
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Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 09:47:30

Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 29.MAY.2020 09:47:47



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7

7.1.1. Test Mode = LTE/TM1 20MHz(Down Antenna)

7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 65.650000 | -72.15 | -25.00 | 47.15 | Vertical |
| 191.450000 | -80.47 | -25.00 | 55.47 | Vertical |
| 931.341667 | -75.69 | -25.00 | 50.69 | Vertical |
| 5002.000000 | -61.84 | -25.00 | 36.84 | Vertical |
| 7503.200000 | -49.38 | -25.00 | 24.38 | Vertical |
| 10090.525000 | -62.06 | -25.00 | 37.06 | Vertical |
| 62.900000 | -73.81 | -25.00 | 48.81 | Horizontal |
| 191.500000 | -68.84 | -25.00 | 43.84 | Horizontal |
| 931.708333 | -74.75 | -25.00 | 49.75 | Horizontal |
| 5002.000000 | -59.37 | -25.00 | 34.37 | Horizontal |
| 7503.200000 | -56.00 | -25.00 | 31.00 | Horizontal |
| 10083.050000 | -62.55 | -25.00 | 37.55 | Horizontal |

7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 65.600000 | -72.97 | -25.00 | 47.97 | Vertical |
| 191.650000 | -78.93 | -25.00 | 53.93 | Vertical |
| 947.979167 | -75.05 | -25.00 | 50.05 | Vertical |
| 5052.050000 | -59.73 | -25.00 | 34.73 | Vertical |
| 7578.600000 | -47.94 | -25.00 | 22.94 | Vertical |
| 10078.175000 | -62.02 | -25.00 | 37.02 | Vertical |
| 62.450000 | -74.22 | -25.00 | 49.22 | Horizontal |
| 191.550000 | -68.53 | -25.00 | 43.53 | Horizontal |
| 954.854167 | -74.81 | -25.00 | 49.81 | Horizontal |
| 5051.725000 | -58.29 | -25.00 | 33.29 | Horizontal |
| 7577.950000 | -57.59 | -25.00 | 32.59 | Horizontal |
| 10104.175000 | -61.48 | -25.00 | 36.48 | Horizontal |



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7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 66.300000 | -72.77 | -25.00 | 47.77 | Vertical |
| 191.450000 | -79.31 | -25.00 | 54.31 | Vertical |
| 974.333333 | -75.75 | -25.00 | 50.75 | Vertical |
| 5101.775000 | -62.04 | -25.00 | 37.04 | Vertical |
| 7653.025000 | -47.57 | -25.00 | 22.57 | Vertical |
| 10079.475000 | -62.49 | -25.00 | 37.49 | Vertical |
| 63.900000 | -73.53 | -25.00 | 48.53 | Horizontal |
| 191.400000 | -68.65 | -25.00 | 43.65 | Horizontal |
| 948.391667 | -75.64 | -25.00 | 50.64 | Horizontal |
| 5102.100000 | -60.08 | -25.00 | 35.08 | Horizontal |
| 7653.350000 | -56.82 | -25.00 | 31.82 | Horizontal |
| 10593.300000 | -61.68 | -25.00 | 36.68 | Horizontal |

7.1.2. Test Mode =LTE/TM1 20MHz(Up Antenna)

7.1.2.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 65.650000 | -71.54 | -25.00 | 46.54 | Vertical |
| 191.550000 | -80.70 | -25.00 | 55.70 | Vertical |
| 924.833333 | -75.55 | -25.00 | 50.55 | Vertical |
| 5049.775000 | -65.08 | -25.00 | 40.08 | Vertical |
| 7503.525000 | -63.39 | -25.00 | 38.39 | Vertical |
| 10004.075000 | -62.18 | -25.00 | 37.18 | Vertical |
| 62.000000 | -73.79 | -25.00 | 48.79 | Horizontal |
| 191.500000 | -69.89 | -25.00 | 44.89 | Horizontal |
| 946.833333 | -75.05 | -25.00 | 50.05 | Horizontal |
| 5094.300000 | -65.03 | -25.00 | 40.03 | Horizontal |
| 7536.675000 | -63.58 | -25.00 | 38.58 | Horizontal |
| 10004.400000 | -61.74 | -25.00 | 36.74 | Horizontal |



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7.1.2.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 71.900000 | -72.54 | -25.00 | 47.54 | Vertical |
| 191.550000 | -80.36 | -25.00 | 55.36 | Vertical |
| 952.425000 | -75.15 | -25.00 | 50.15 | Vertical |
| 5012.400000 | -64.58 | -25.00 | 39.58 | Vertical |
| 7720.300000 | -62.64 | -25.00 | 37.64 | Vertical |
| 10104.500000 | -60.87 | -25.00 | 35.87 | Vertical |
| 63.600000 | -73.43 | -25.00 | 48.43 | Horizontal |
| 191.500000 | -70.23 | -25.00 | 45.23 | Horizontal |
| 937.162500 | -75.51 | -25.00 | 50.51 | Horizontal |
| 5078.700000 | -65.25 | -25.00 | 40.25 | Horizontal |
| 7743.050000 | -62.85 | -25.00 | 37.85 | Horizontal |
| 10104.500000 | -61.06 | -25.00 | 36.06 | Horizontal |

7.1.2.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 65.050000 | -72.56 | -25.00 | 47.56 | Vertical |
| 191.500000 | -81.09 | -25.00 | 56.09 | Vertical |
| 958.658333 | -74.94 | -25.00 | 49.94 | Vertical |
| 5173.600000 | -65.98 | -25.00 | 40.98 | Vertical |
| 7878.900000 | -62.50 | -25.00 | 37.50 | Vertical |
| 10629.050000 | -61.20 | -25.00 | 36.20 | Vertical |
| 62.850000 | -74.12 | -25.00 | 49.12 | Horizontal |
| 191.450000 | -69.78 | -25.00 | 44.78 | Horizontal |
| 953.250000 | -75.21 | -25.00 | 50.21 | Horizontal |
| 5157.350000 | -65.12 | -25.00 | 40.12 | Horizontal |
| 7524.325000 | -63.23 | -25.00 | 38.23 | Horizontal |
| 10099.950000 | -62.27 | -25.00 | 37.27 | 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 | -15.60 | -0.006215 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VN | NT | -4.70 | -0.001873 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VH | NT | -16.40 | -0.006534 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VL | NT | 4.10 | 0.001617 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VN | NT | 4.80 | 0.001893 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VH | NT | -5.70 | -0.002249 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VL | NT | -6.40 | -0.002500 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VN | NT | -9.60 | -0.003750 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VH | NT | -9.70 | -0.003789 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VL | NT | -10.90 | -0.004343 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VN | NT | -6.10 | -0.002430 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VH | NT | -15.10 | -0.006016 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VL | NT | 4.40 | 0.001736 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VN | NT | -8.90 | -0.003511 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VH | NT | -1.10 | -0.000434 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VL | NT | -8.80 | -0.003438 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VN | NT | -3.30 | -0.001289 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VH | NT | -7.70 | -0.003008 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | -11.70 | -0.004661 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | -17.60 | -0.007012 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | -17.20 | -0.006853 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VL | NT | 2.60 | 0.001026 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VN | NT | -6.40 | -0.002525 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | -2.00 | -0.000789 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VL | NT | -2.50 | -0.000977 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VN | NT | 1.70 | 0.000664 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | 1.40 | 0.000547 | ±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 | -12.40 | -0.004940 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -20 | -3.60 | -0.001434 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 0 | -10.00 | -0.003984 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 10 | -15.70 | -0.006255 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 20 | -18.80 | -0.007490 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 30 | -5.30 | -0.002112 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 40 | -8.20 | -0.003267 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 50 | -11.60 | -0.004622 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -30 | -0.50 | -0.000197 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -20 | 1.90 | 0.000750 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 0 | 3.40 | 0.001341 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 10 | 5.20 | 0.002051 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 20 | 5.90 | 0.002327 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 30 | 8.00 | 0.003156 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 40 | -11.60 | -0.004576 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 50 | -9.40 | -0.003708 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -30 | -10.70 | -0.004180 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -20 | 5.20 | 0.002031 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 0 | -1.10 | -0.000430 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 10 | -6.10 | -0.002383 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 20 | 0.20 | 0.000078 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 30 | -8.70 | -0.003398 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 40 | 1.20 | 0.000469 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 50 | -5.60 | -0.002188 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -30 | -16.80 | -0.006693 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -20 | -19.70 | -0.007849 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 0 | -2.60 | -0.001036 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 10 | -4.70 | -0.001873 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 20 | -6.40 | -0.002550 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 30 | -7.90 | -0.003147 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 40 | -11.00 | -0.004382 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 50 | -16.80 | -0.006693 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -30 | -6.30 | -0.002485 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -20 | -2.50 | -0.000986 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 0 | -2.40 | -0.000947 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 10 | -3.60 | -0.001420 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 20 | -5.10 | -0.002012 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 30 | -7.50 | -0.002959 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 40 | -11.70 | -0.004615 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 50 | 6.30 | 0.002485 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -30 | -0.40 | -0.000156 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -20 | -8.20 | -0.003203 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 0 | 5.80 | 0.002266 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 10 | 3.70 | 0.001445 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 20 | 4.40 | 0.001719 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 30 | 3.70 | 0.001445 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 40 | 1.40 | 0.000547 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 50 | -2.10 | -0.000820 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -4.60 | -0.001833 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | -13.10 | -0.005219 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0 | -3.70 | -0.001474 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10 | -13.70 | -0.005458 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20 | -7.50 | -0.002988 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30 | -1.90 | -0.000757 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 40 | -16.60 | -0.006614 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 50 | -12.30 | -0.004900 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | -7.30 | -0.002880 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | 5.10 | 0.002012 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0 | -3.30 | -0.001302 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10 | 5.30 | 0.002091 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20 | -6.60 | -0.002604 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30 | 0.10 | 0.000039 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40 | 5.40 | 0.002130 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50 | -8.90 | -0.003511 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | -4.10 | -0.001602 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | 6.80 | 0.002656 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0 | -0.80 | -0.000313 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10 | 7.70 | 0.003008 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20 | -3.80 | -0.001484 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30 | 0.90 | 0.000352 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40 | 4.30 | 0.001680 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50 | 7.60 | 0.002969 | ±2.5 | PASS |



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