



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 22.80 | 22.57 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#13 | 23.07 | 22.84 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 22.82 | 22.59 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 22.08 | 21.85 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 22.18 | 21.95 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#13 | 22.10 | 21.87 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 22.08 | 21.85 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 22.92 | 22.69 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#13 | 23.04 | 22.81 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 22.95 | 22.72 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 21.94 | 21.71 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 22.12 | 21.89 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#13 | 22.08 | 21.85 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 22.06 | 21.83 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 22.92 | 22.69 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#13 | 23.06 | 22.83 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 23.00 | 22.77 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 21.99 | 21.76 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 22.08 | 21.85 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#13 | 22.05 | 21.82 | 30.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 22.04 | 21.81 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 22.01 | 21.78 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#13 | 22.19 | 21.96 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 22.16 | 21.93 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0 | 21.18 | 20.95 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6 | 21.21 | 20.98 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 21.13 | 20.90 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 21.26 | 21.03 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 22.32 | 22.09 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#13 | 22.27 | 22.04 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 22.28 | 22.05 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0 | 21.14 | 20.91 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6 | 21.28 | 21.05 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 21.15 | 20.92 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 21.18 | 20.95 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 22.35 | 22.12 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#13 | 22.31 | 22.08 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 22.30 | 22.07 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0 | 21.19 | 20.96 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#6 | 21.32 | 21.09 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#13 | 21.19 | 20.96 | 30.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 21.16 | 20.93 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 23.05 | 22.82 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#25 | 23.20 | 22.97 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 23.01 | 22.78 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 22.13 | 21.90 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#13 | 22.21 | 21.98 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#25 | 22.17 | 21.94 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 22.09 | 21.86 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 22.92 | 22.69 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#25 | 23.04 | 22.81 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 23.07 | 22.84 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 22.04 | 21.81 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#13 | 22.07 | 21.84 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#25 | 22.11 | 21.88 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 22.17 | 21.94 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 22.90 | 22.67 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#25 | 23.02 | 22.79 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 22.80 | 22.57 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 21.95 | 21.72 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#13 | 21.99 | 21.76 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#25 | 21.92 | 21.69 | 30.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 21.99 | 21.76 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 22.21 | 21.98 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#25 | 22.32 | 22.09 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 22.30 | 22.07 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0 | 21.04 | 20.81 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#13 | 21.34 | 21.11 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 21.25 | 21.02 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 21.27 | 21.04 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 22.21 | 21.98 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#25 | 22.45 | 22.22 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 22.32 | 22.09 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0 | 21.31 | 21.08 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#13 | 21.23 | 21.00 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 21.16 | 20.93 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 21.16 | 20.93 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 22.10 | 21.87 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#25 | 22.03 | 21.80 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 21.83 | 21.60 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0 | 21.04 | 20.81 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#13 | 20.97 | 20.74 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 20.98 | 20.75 | 30.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 20.95 | 20.72 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 22.82 | 22.59 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 23.11 | 22.88 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 22.98 | 22.75 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#0 | 22.01 | 21.78 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#18 | 22.11 | 21.88 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#39 | 22.21 | 21.98 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 22.14 | 21.91 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 22.78 | 22.55 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 22.99 | 22.76 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 22.92 | 22.69 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#0 | 22.12 | 21.89 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#18 | 22.17 | 21.94 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#39 | 22.10 | 21.87 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 22.01 | 21.78 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 22.78 | 22.55 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 22.84 | 22.61 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 22.91 | 22.68 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#0 | 22.04 | 21.81 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#18 | 22.02 | 21.79 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#39 | 21.88 | 21.65 | 30.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 21.95 | 21.72 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 22.06 | 21.83 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 22.27 | 22.04 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 22.12 | 21.89 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0 | 21.19 | 20.96 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 21.29 | 21.06 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 21.30 | 21.07 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 21.20 | 20.97 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 22.08 | 21.85 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 22.26 | 22.03 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 22.46 | 22.23 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0 | 21.15 | 20.92 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 21.16 | 20.93 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 21.19 | 20.96 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 21.16 | 20.93 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 22.07 | 21.84 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 22.05 | 21.82 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 22.06 | 21.83 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0 | 20.99 | 20.76 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 21.06 | 20.83 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 20.96 | 20.73 | 30.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 21.01 | 20.78 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 22.86 | 22.63 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#50 | 23.05 | 22.82 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 22.83 | 22.60 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 22.10 | 21.87 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#25 | 22.16 | 21.93 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#50 | 22.22 | 21.99 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 22.24 | 22.01 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 22.83 | 22.60 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#50 | 23.32 | 23.09 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 22.75 | 22.52 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 22.04 | 21.81 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#25 | 22.12 | 21.89 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#50 | 22.07 | 21.84 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 22.15 | 21.92 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 22.78 | 22.55 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#50 | 23.12 | 22.89 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 22.79 | 22.56 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 21.97 | 21.74 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#25 | 22.05 | 21.82 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#50 | 21.96 | 21.73 | 30.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 21.93 | 21.70 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 21.85 | 21.62 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#50 | 22.42 | 22.19 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 22.38 | 22.15 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0 | 21.16 | 20.93 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 21.26 | 21.03 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 21.32 | 21.09 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 21.24 | 21.01 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 22.32 | 22.09 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#50 | 22.47 | 22.24 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 22.41 | 22.18 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0 | 21.20 | 20.97 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 21.24 | 21.01 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 21.24 | 21.01 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 21.21 | 20.98 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 21.98 | 21.75 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#50 | 22.48 | 22.25 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 21.64 | 21.41 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0 | 21.04 | 20.81 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 21.03 | 20.80 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 20.81 | 20.58 | 30.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 20.85 | 20.62 | 30.00 | 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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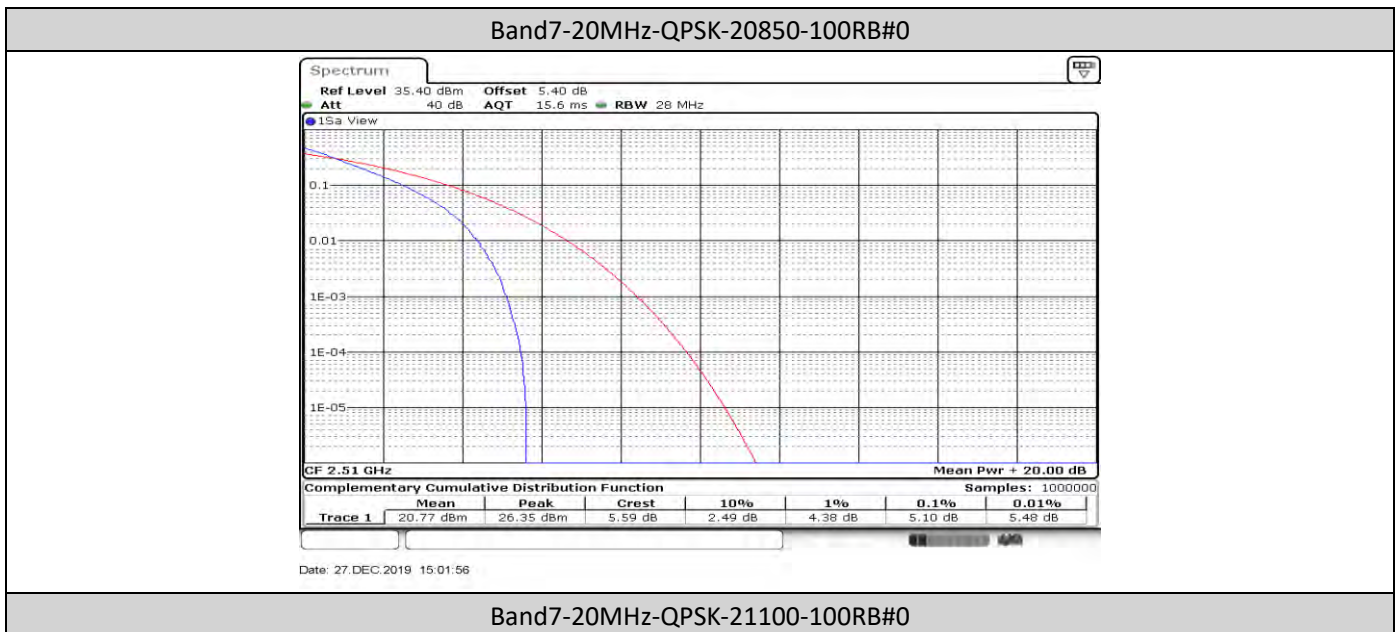


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

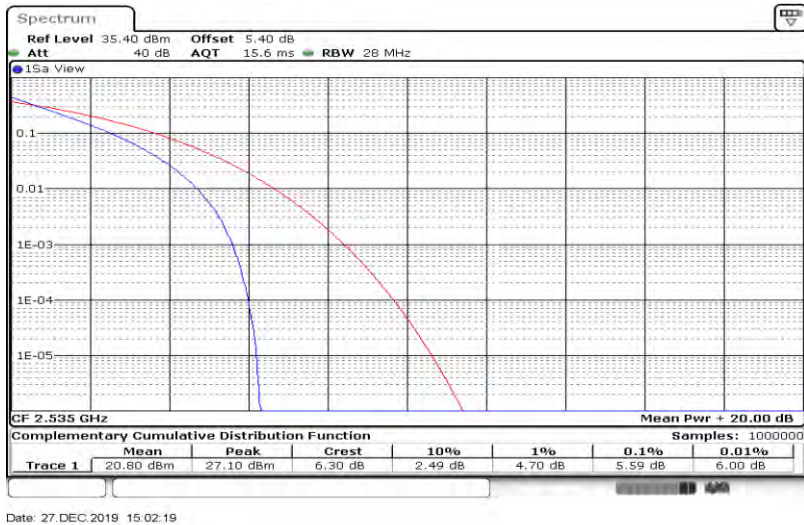
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 5.10 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.59 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 5.16 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 5.97 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.43 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 6.03 | 13 | PASS |

2.2. Test Plots



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Date: 27.DEC.2019 15:02:19

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



Date: 27.DEC.2019 15:02:42

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



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Date: 27.DEC.2019 15:02:08

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

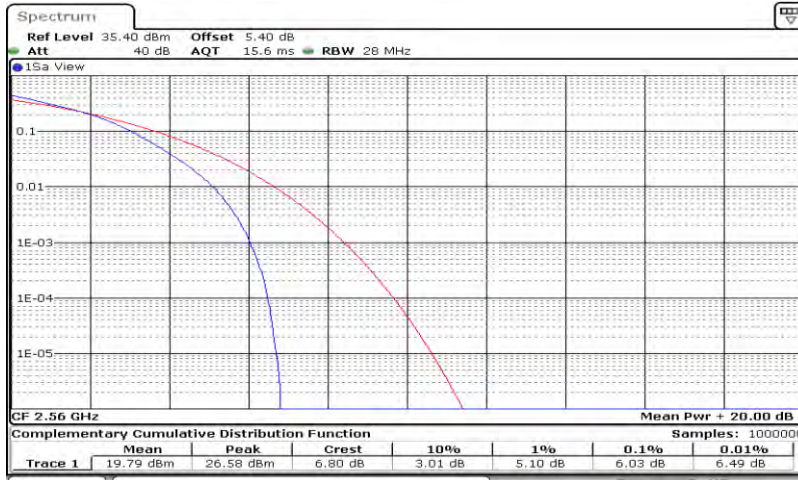


Date: 27.DEC.2019 15:02:31

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



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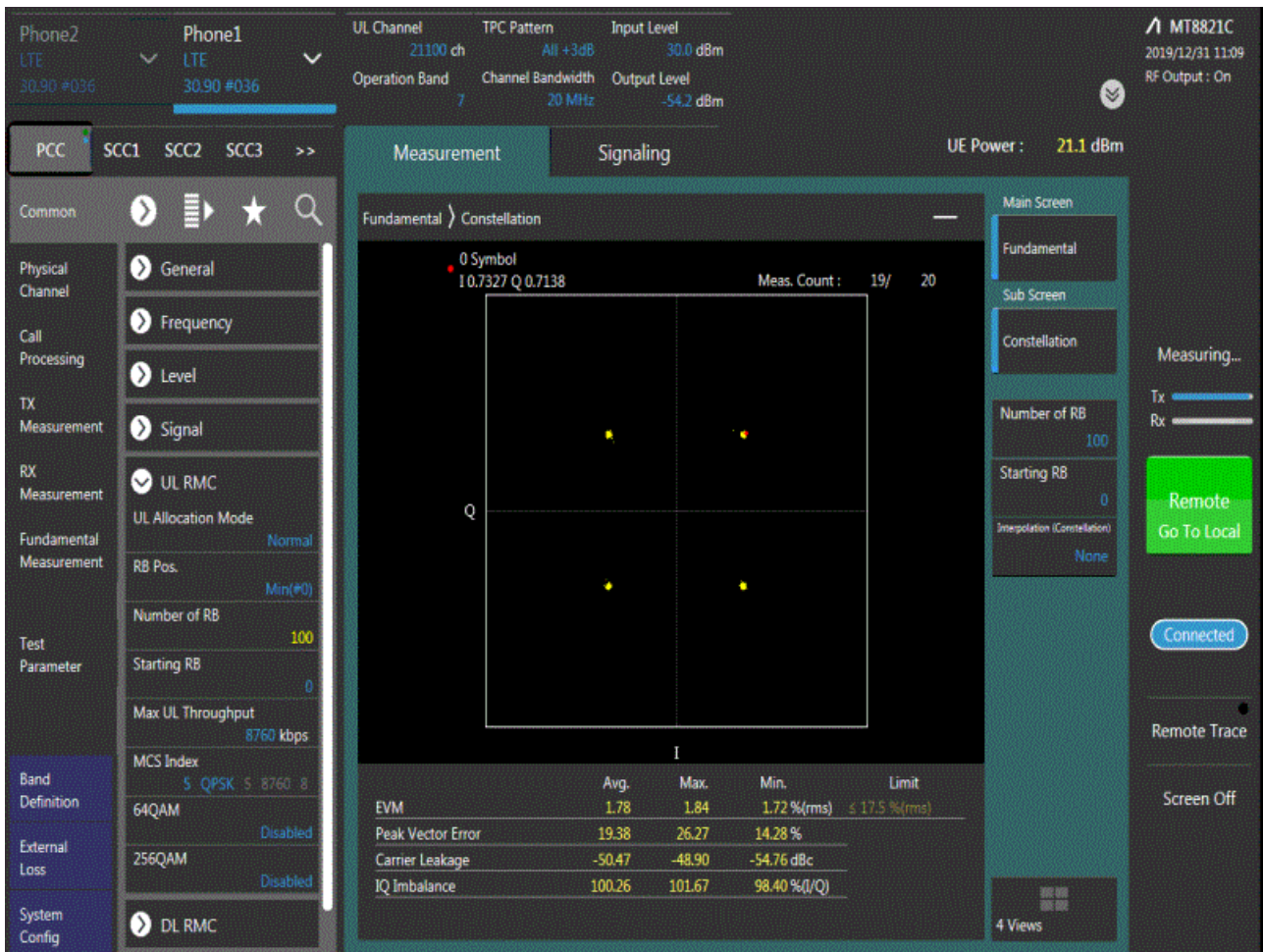
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH

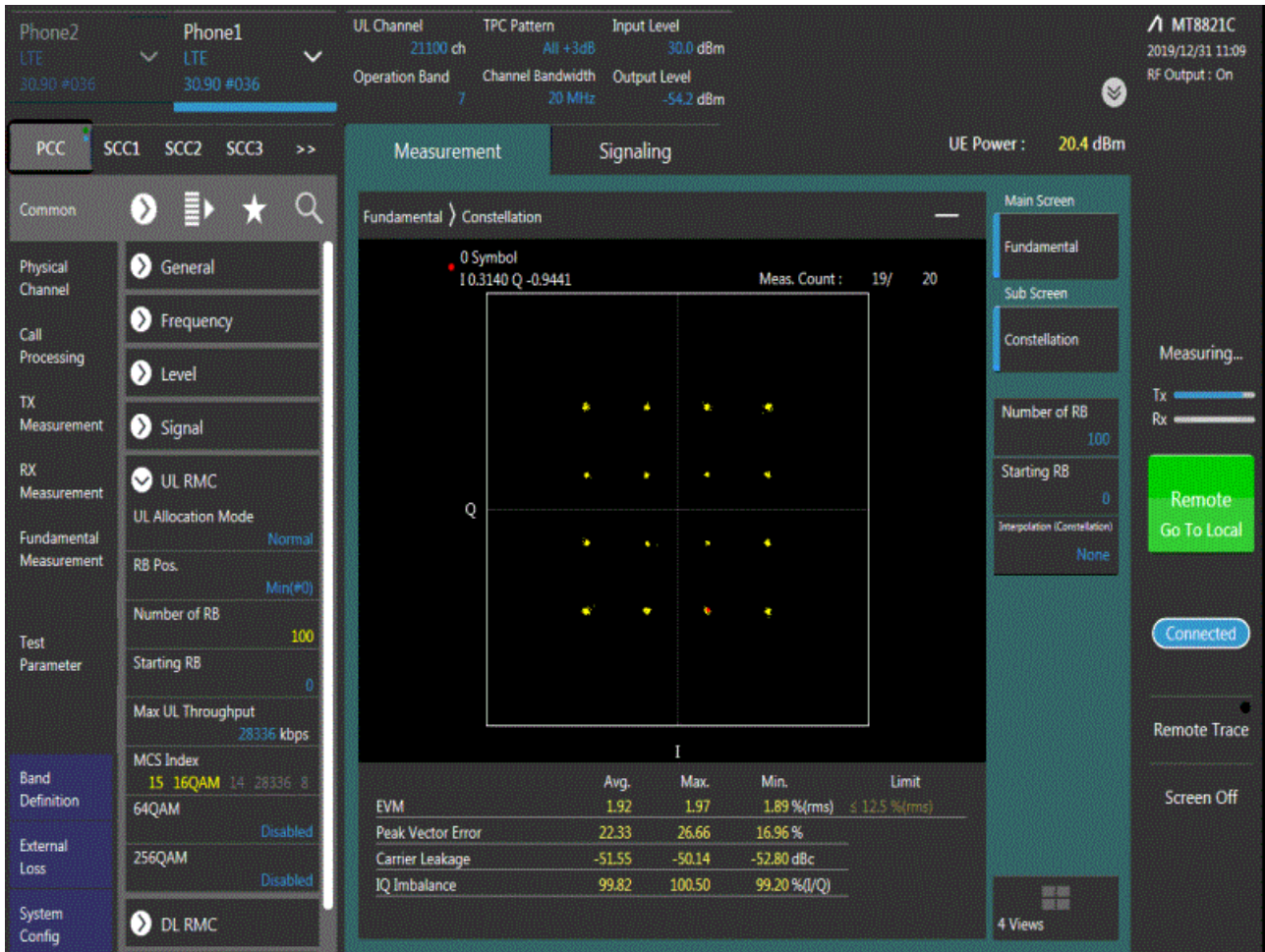


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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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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 | 4.720 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 4.486 | 4.790 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 4.476 | 4.750 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 4.476 | 4.770 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 4.476 | 4.800 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 4.496 | 4.750 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 8.931 | 9.620 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 8.991 | 9.420 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 8.991 | 9.440 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 8.991 | 9.440 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 8.931 | 9.340 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 8.931 | 10.380 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 13.576 | 14.640 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 13.606 | 14.520 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 13.576 | 14.490 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 13.606 | 14.550 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 13.606 | 14.490 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 13.546 | 14.460 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 18.062 | 19.120 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 18.062 | 19.120 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 18.022 | 19.160 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 18.062 | 19.080 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 18.102 | 19.040 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 18.022 | 19.120 | PASS |

4.2. Test Plots

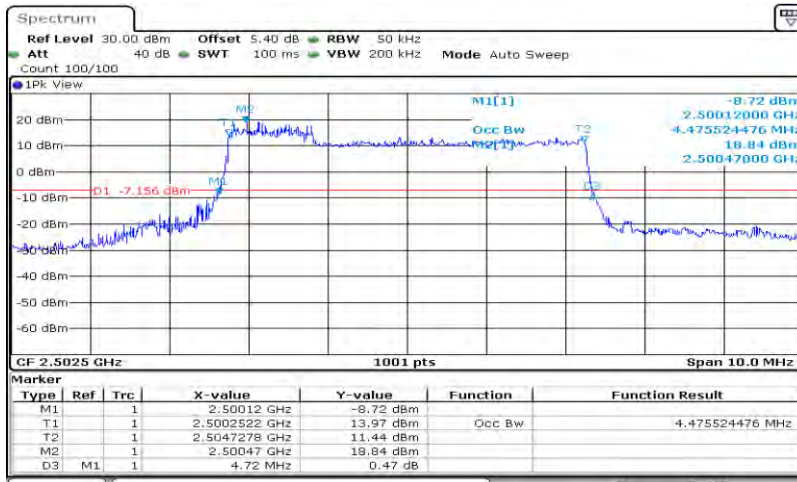
Band7-5MHz-QPSK-20775-25RB#0-4.476



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Date: 27.DEC.2019 14:40:32

Band7-5MHz-QPSK-21100-25RB#0-4.486



Date: 27.DEC.2019 14:41:12

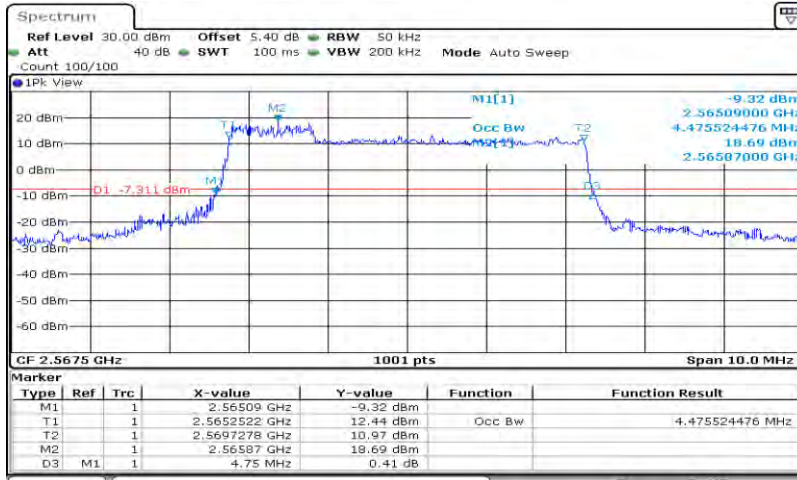
Band7-5MHz-QPSK-21425-25RB#0-4.476



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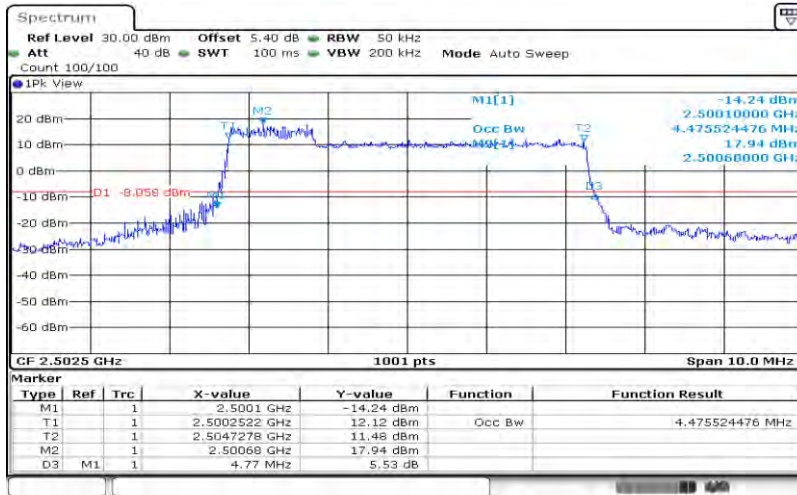
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Band7-5MHz-16QAM-20775-25RB#0-4.476

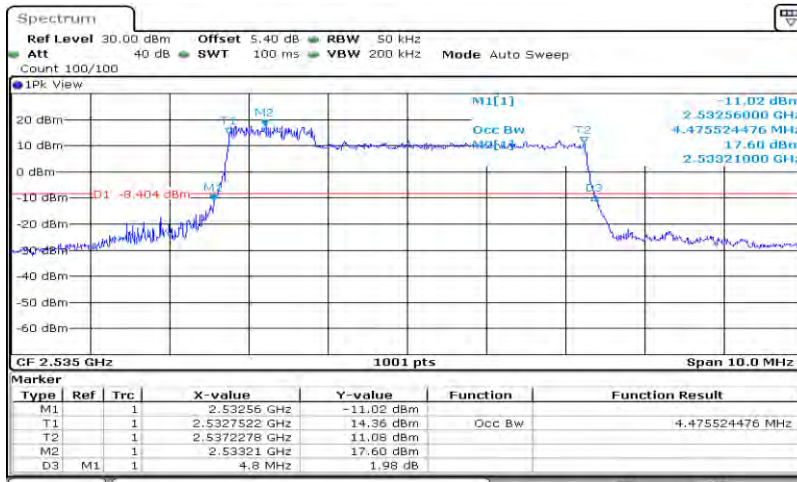


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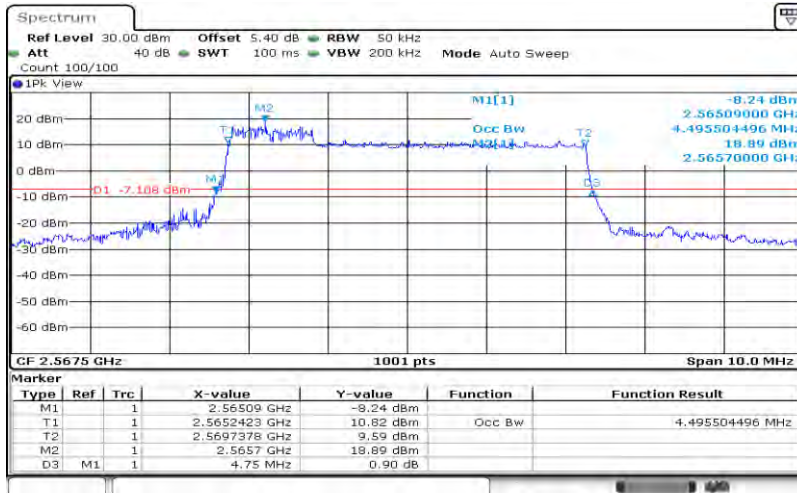


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Date: 27.DEC.2019 14:41:32

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

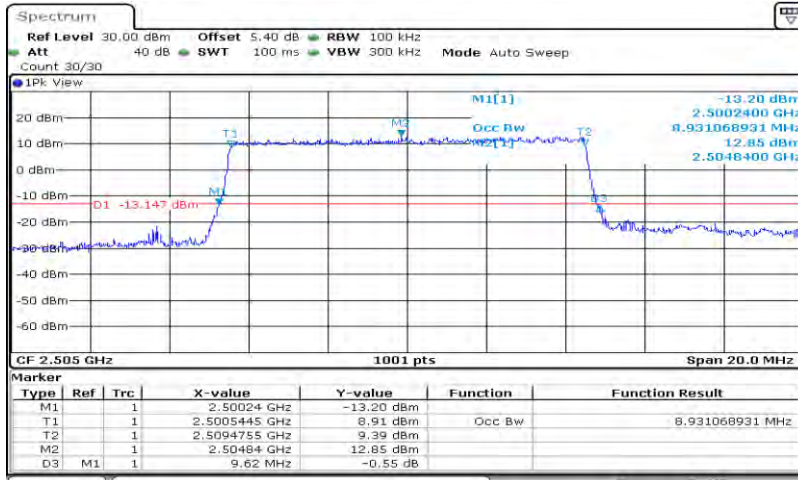


Date: 27.DEC.2019 14:42:12

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

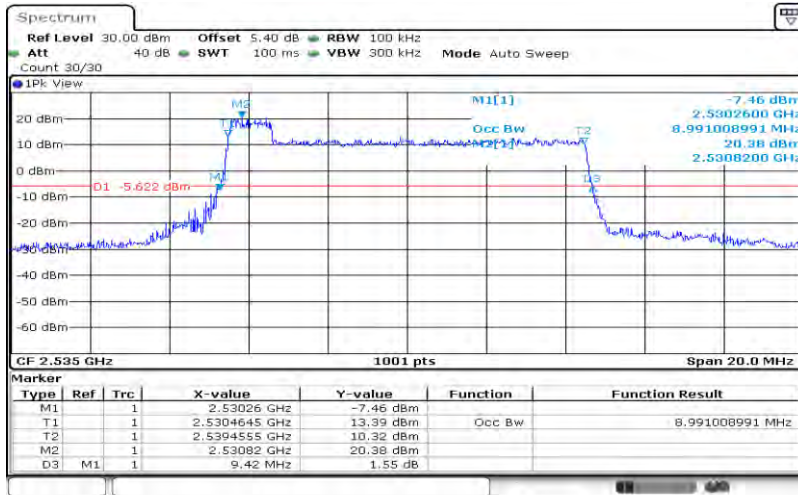


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Date: 27.DEC.2019 14:42:30

Band7-10MHz-QPSK-21100-50RB#0-8.991



Date: 27.DEC.2019 14:42:56

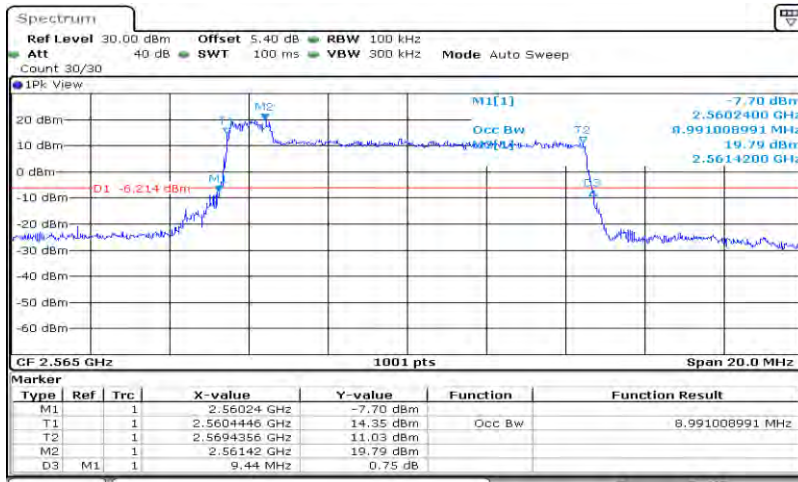
Band7-10MHz-QPSK-21400-50RB#0-8.991



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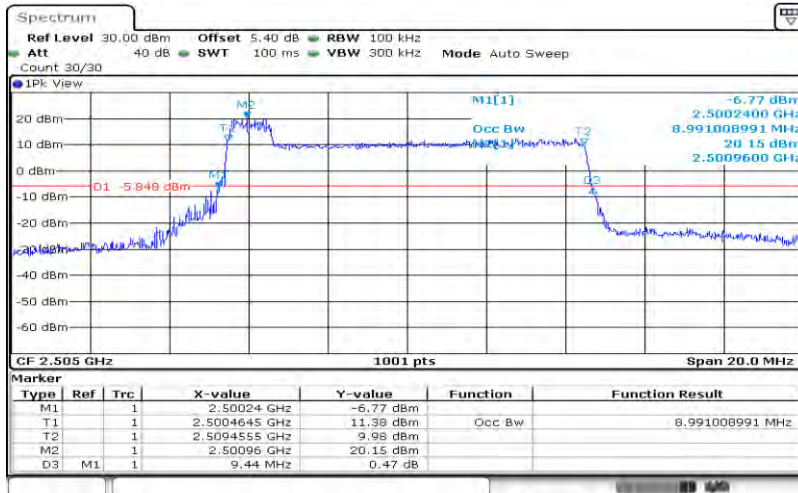
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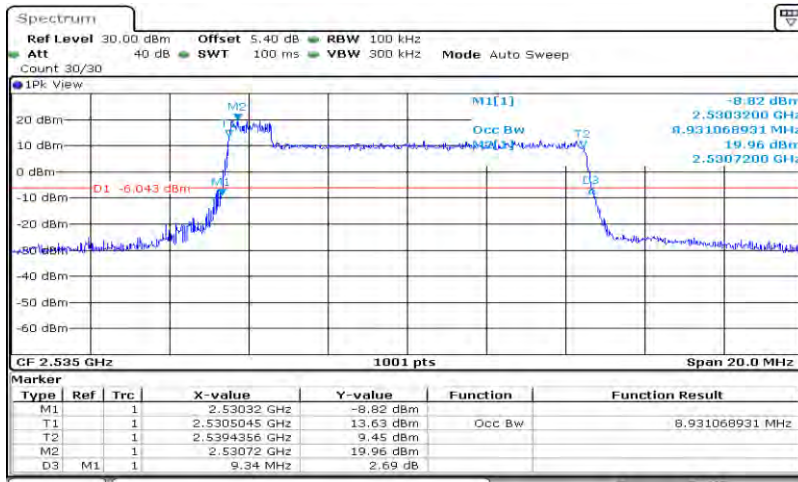


Date: 27.DEC.2019 14:42:43

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

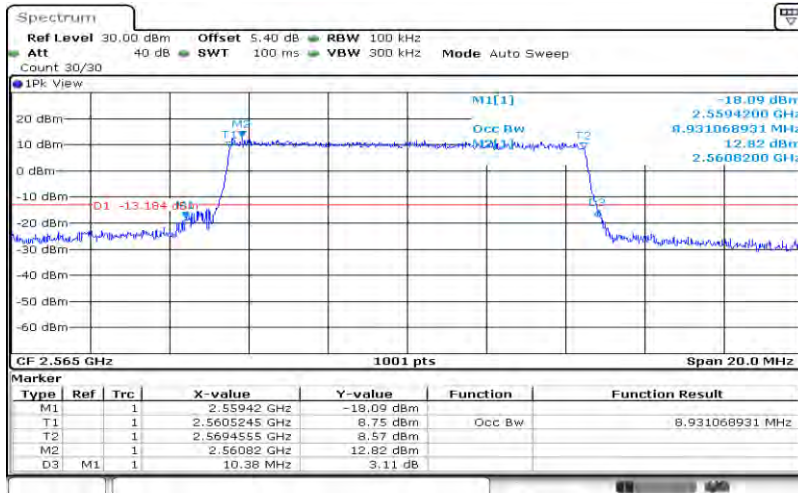


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Date: 27.DEC.2019 14:43:08

Band7-10MHz-16QAM-21400-50RB#0-8.931

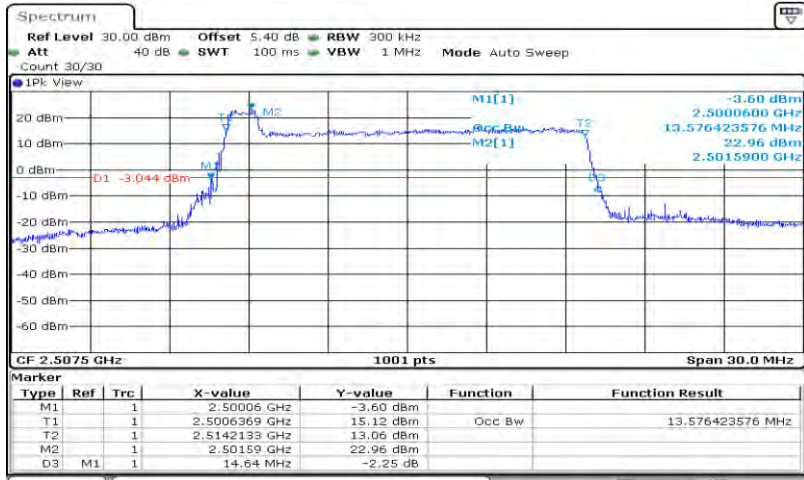


Date: 27.DEC.2019 14:43:34

Band7-15MHz-QPSK-20825-75RB#0-13.576

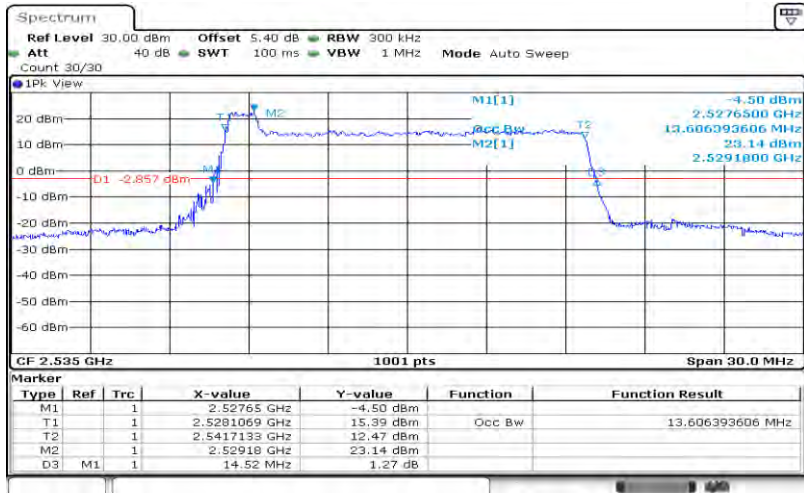


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Date: 27.DEC.2019 14:43:52

Band7-15MHz-QPSK-21100-75RB#0-13.606

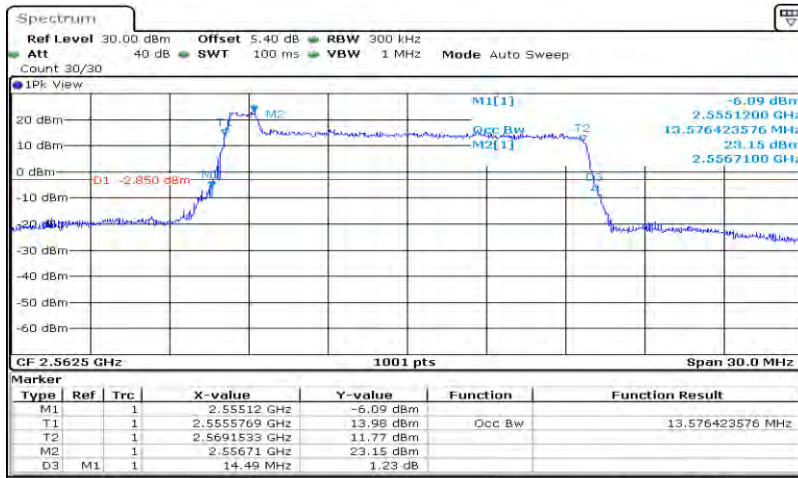


Date: 27.DEC.2019 14:44:18

Band7-15MHz-QPSK-21375-75RB#0-13.576



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Date: 27.DEC.2019 14:44:43

Band7-15MHz-16QAM-20825-75RB#0-13.606



Date: 27.DEC.2019 14:44:05

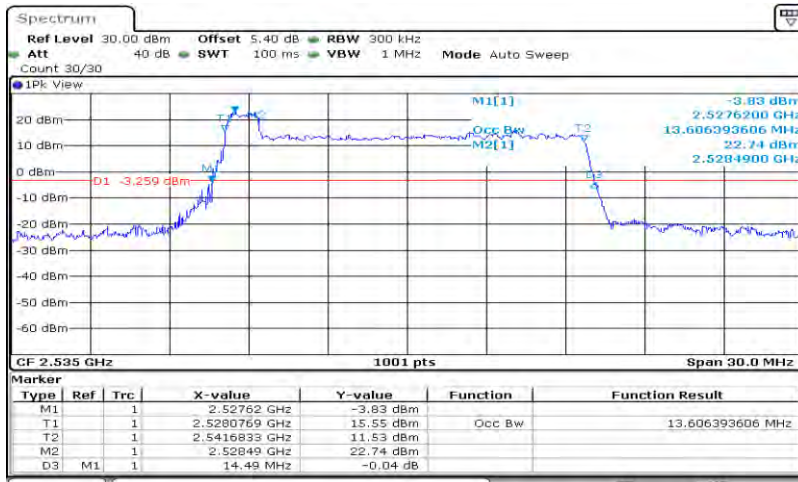
Band7-15MHz-16QAM-21100-75RB#0-13.606



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Date: 27.DEC.2019 14:44:30

Band7-15MHz-16QAM-21375-75RB#0-13.546

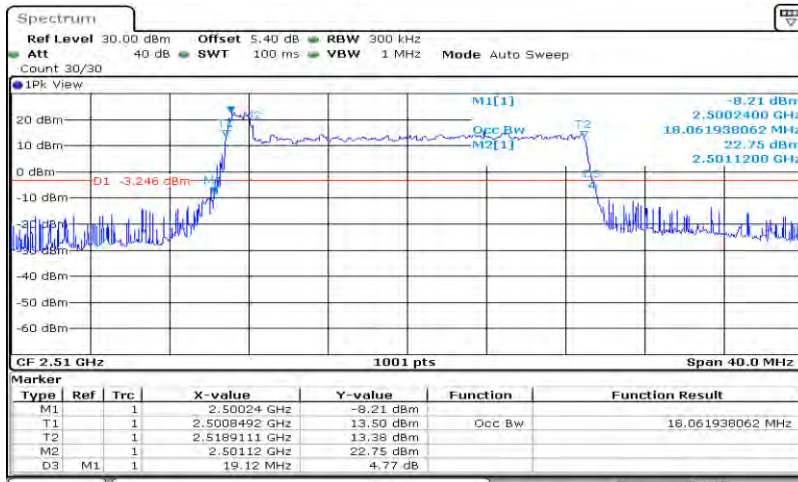


Date: 27.DEC.2019 14:44:57

Band7-20MHz-QPSK-20850-100RB#0-18.062

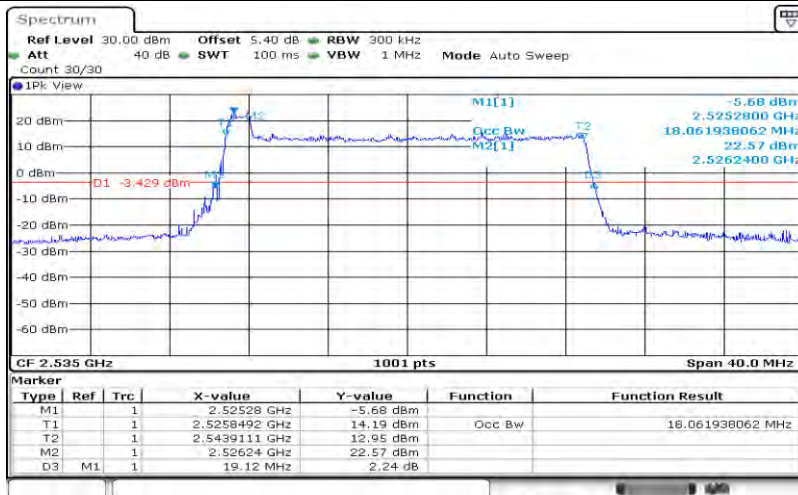


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Date: 27.DEC.2019 14:45:14

Band7-20MHz-QPSK-21100-100RB#0-18.062

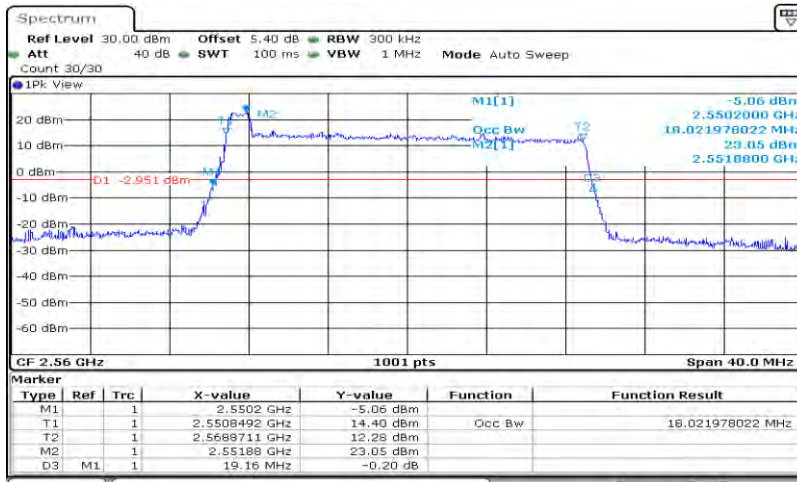


Date: 27.DEC.2019 14:45:40

Band7-20MHz-QPSK-21350-100RB#0-18.022

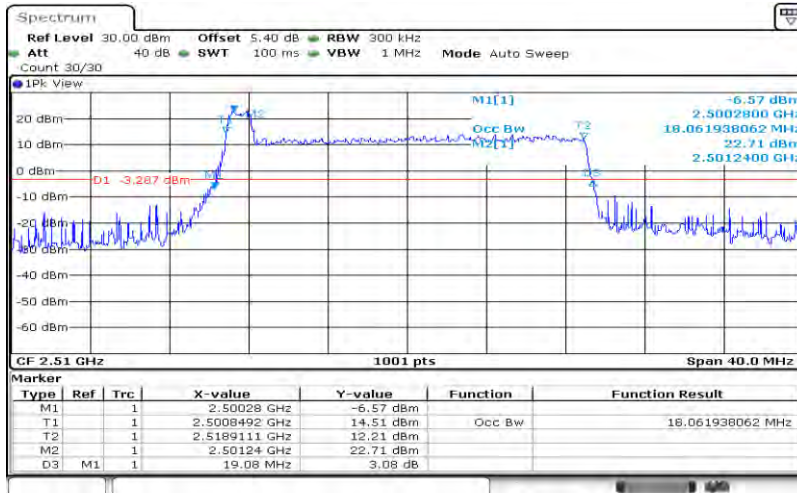


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Date: 27.DEC.2019 14:46:07

Band7-20MHz-16QAM-20850-100RB#0-18.062



Date: 27.DEC.2019 14:45:27

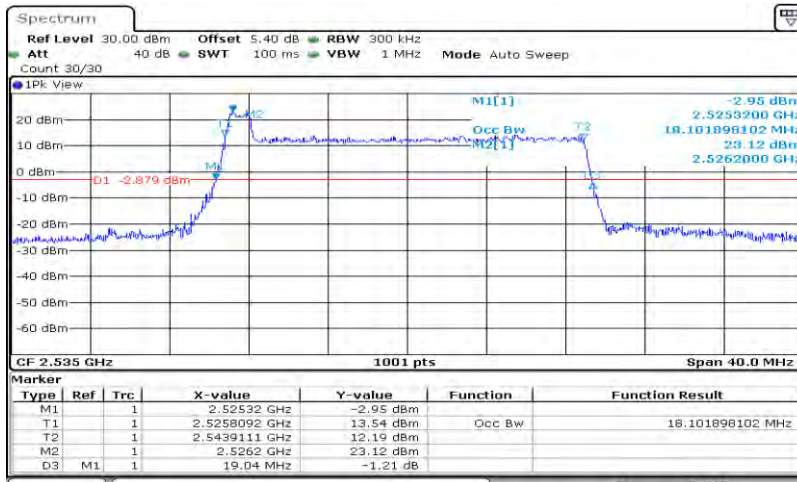
Band7-20MHz-16QAM-21100-100RB#0-18.102



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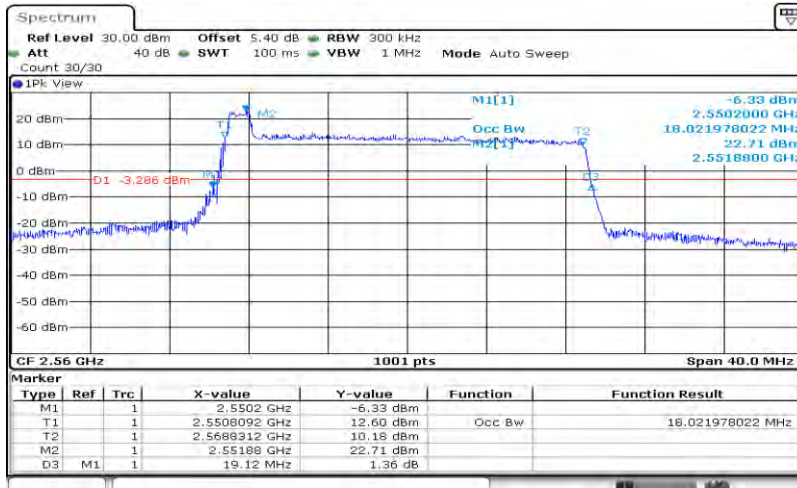
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Date: 27.DEC.2019 14:45:54

Band7-20MHz-16QAM-21350-100RB#0-18.022



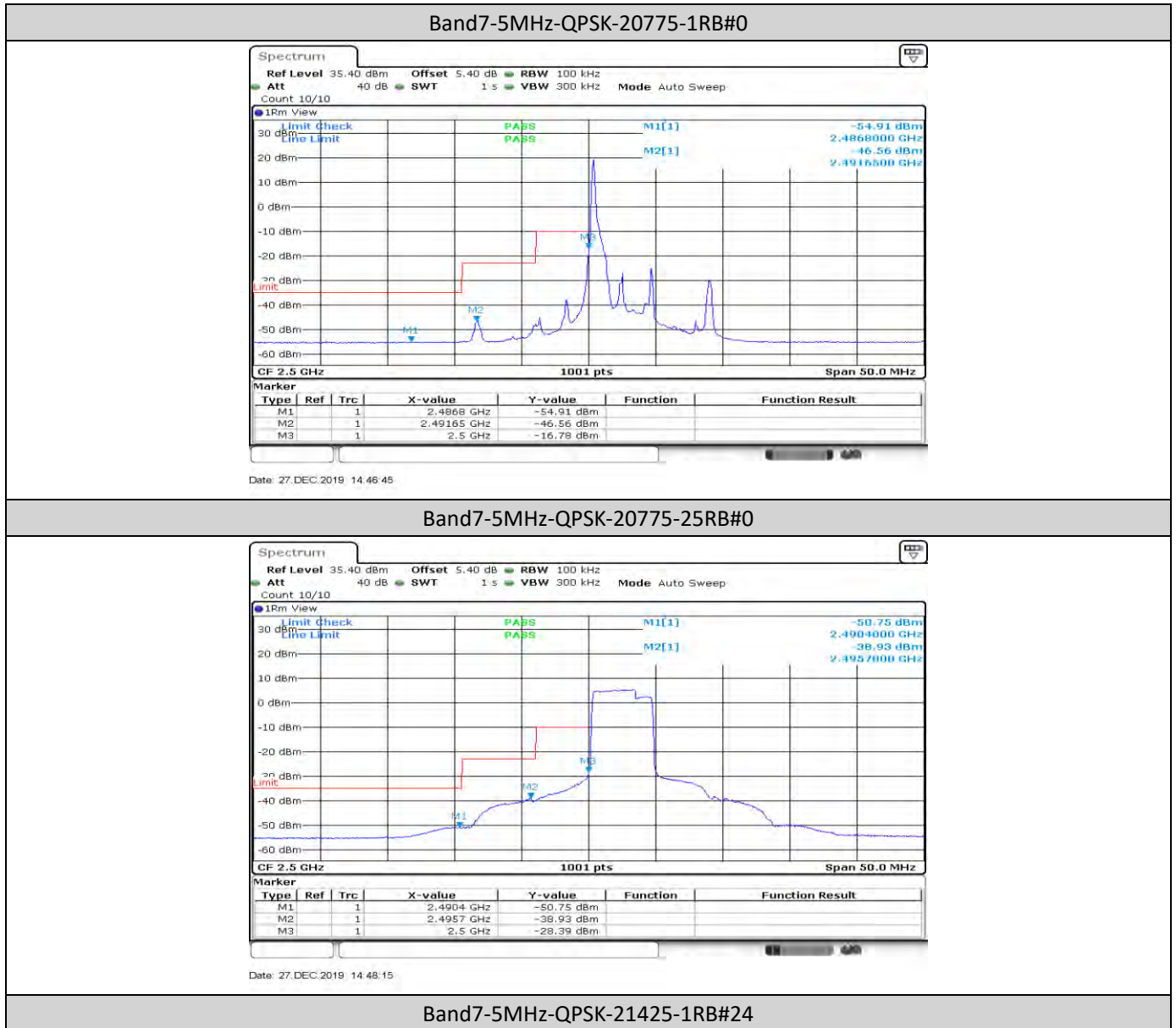
Date: 27.DEC.2019 14:46:19



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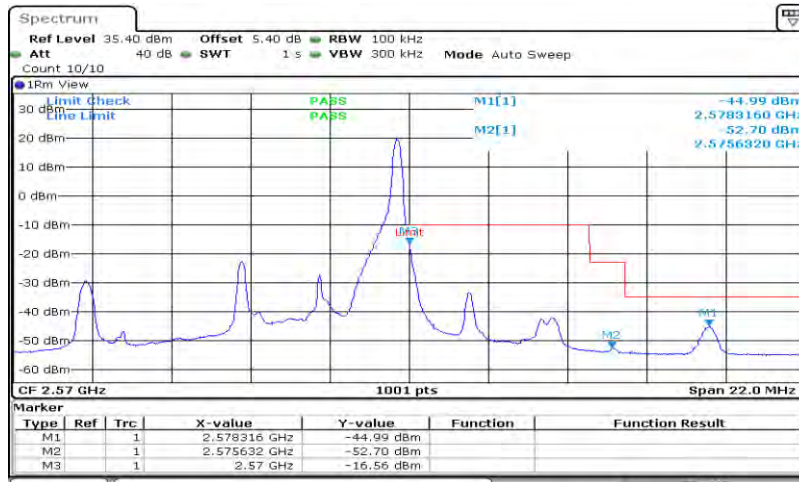
5. Band Edge Compliance

5.1. Test Plots



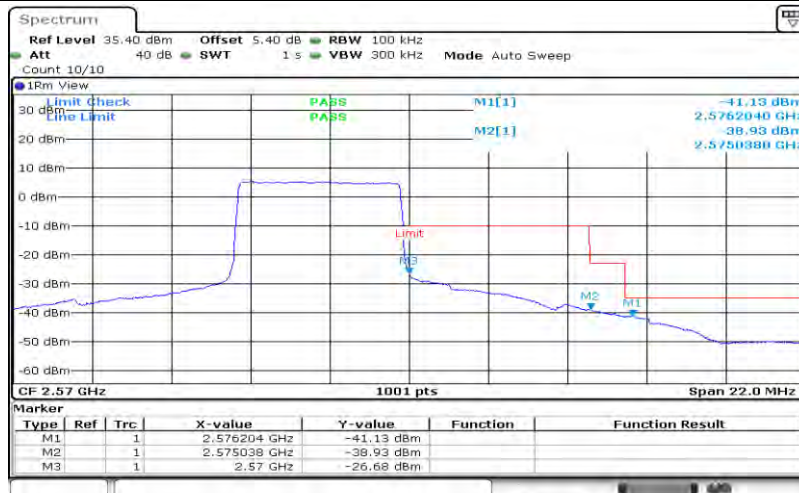
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Date: 27.DEC.2019 14:47:30

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

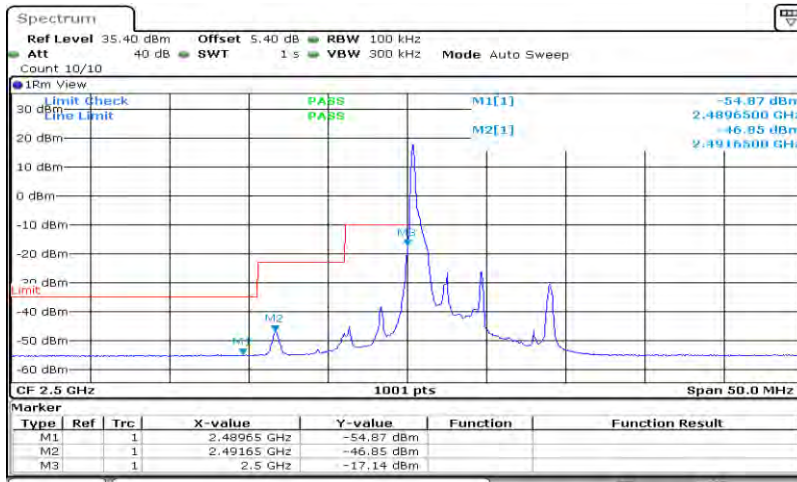


Date: 27.DEC.2019 14:48:56

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

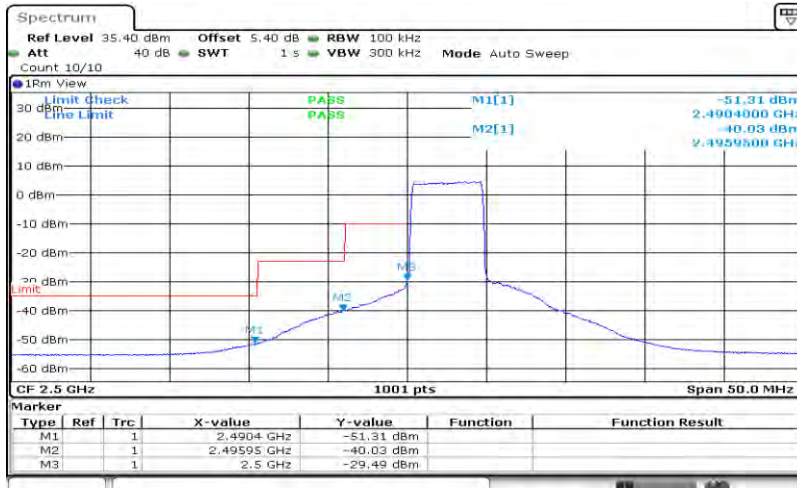


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Date: 27.DEC.2019 14:47:05

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

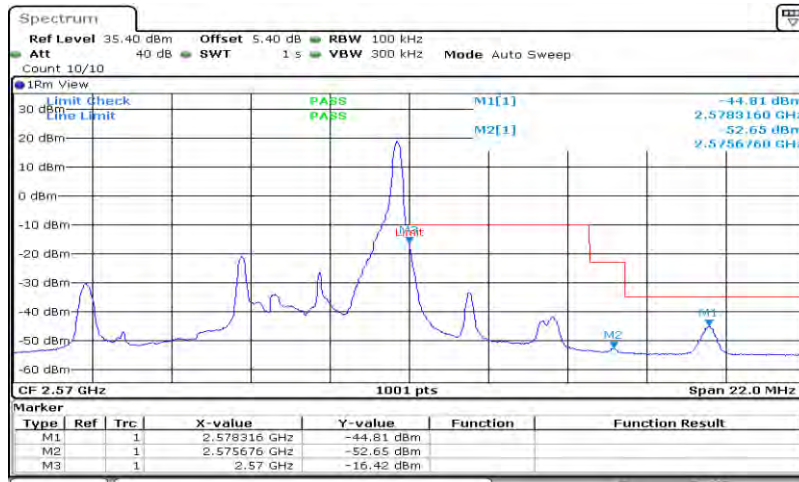


Date: 27.DEC.2019 14:48:36

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

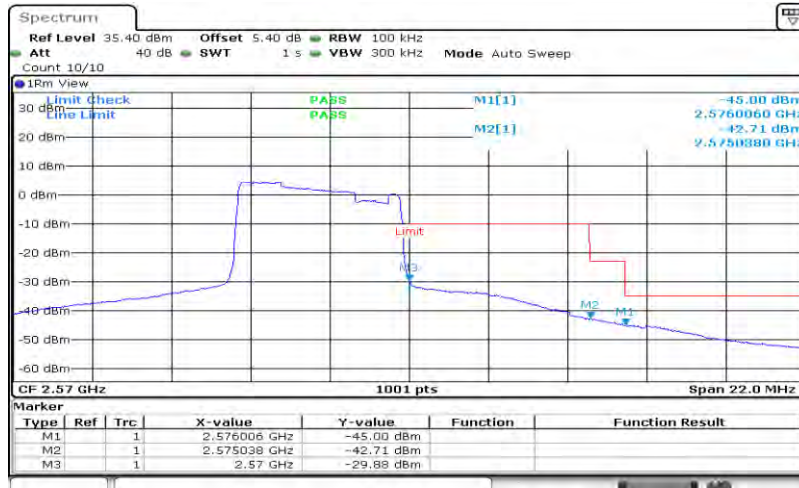


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Date: 27.DEC.2019 14:47:50

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

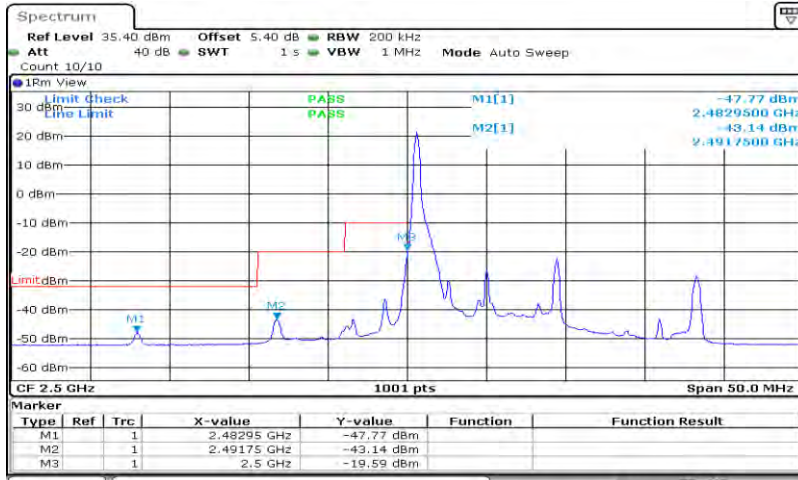


Date: 27.DEC.2019 14:49:16

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

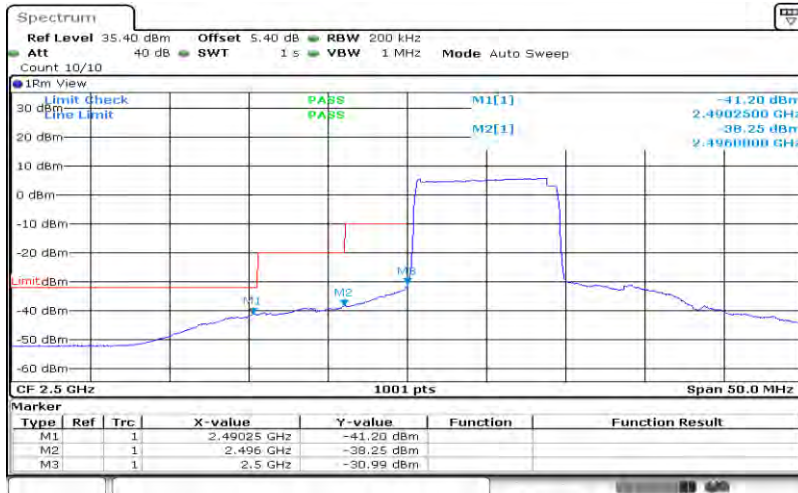


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Date: 27.DEC.2019 14:49:42

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

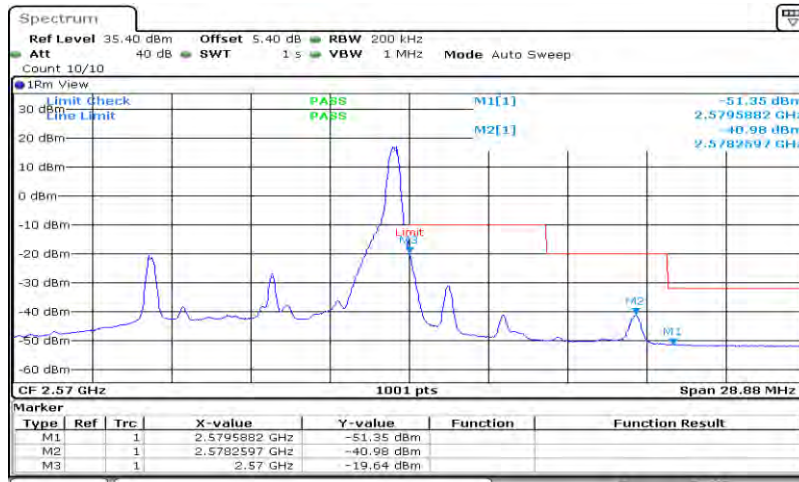


Date: 27.DEC.2019 14:51:11

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

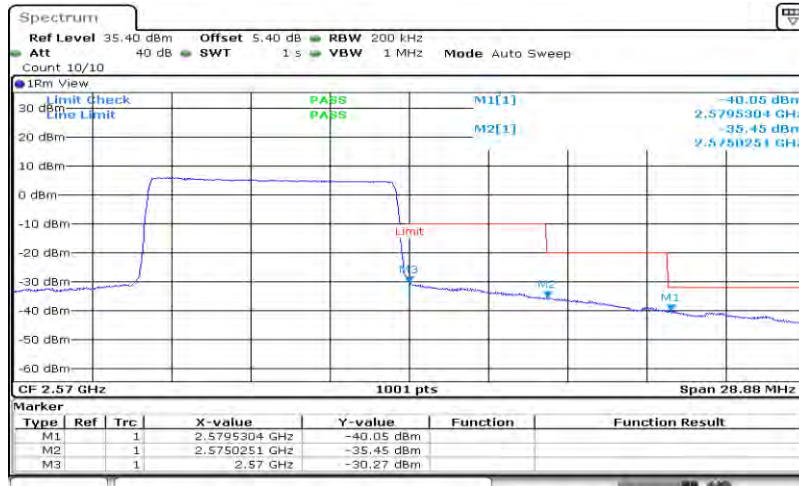


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Date: 27.DEC.2019 14:50:26

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

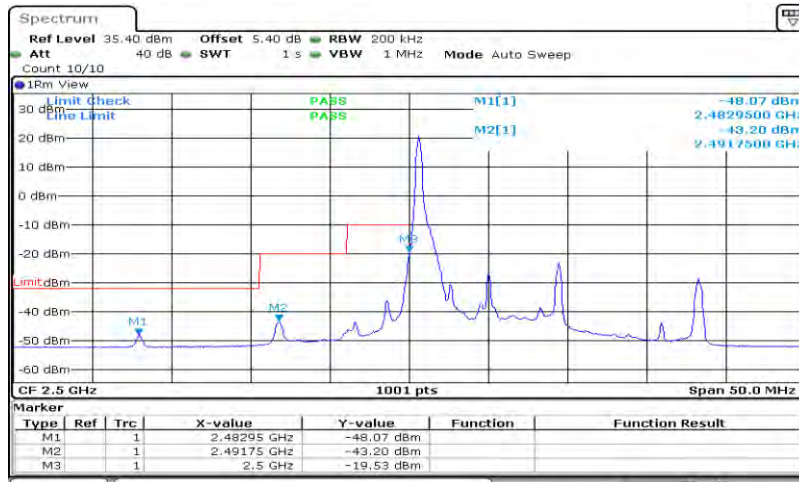


Date: 27.DEC.2019 14:51:52

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



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Date: 27.DEC.2019 14:50:02

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

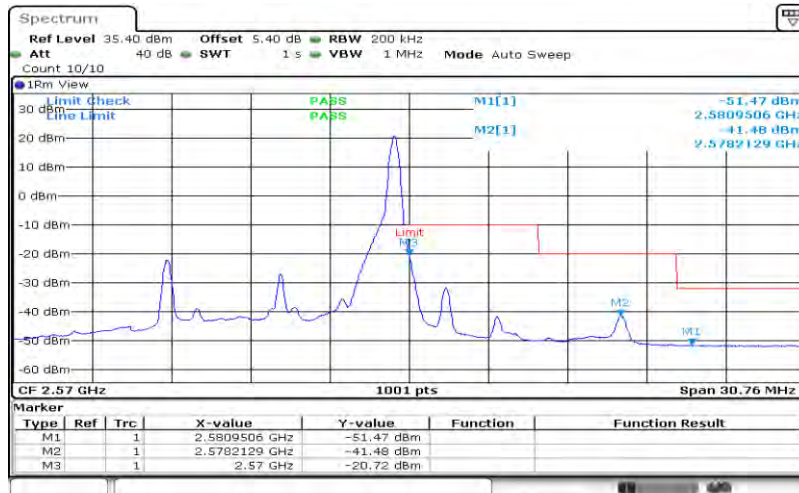


Date: 27.DEC.2019 14:51:32

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

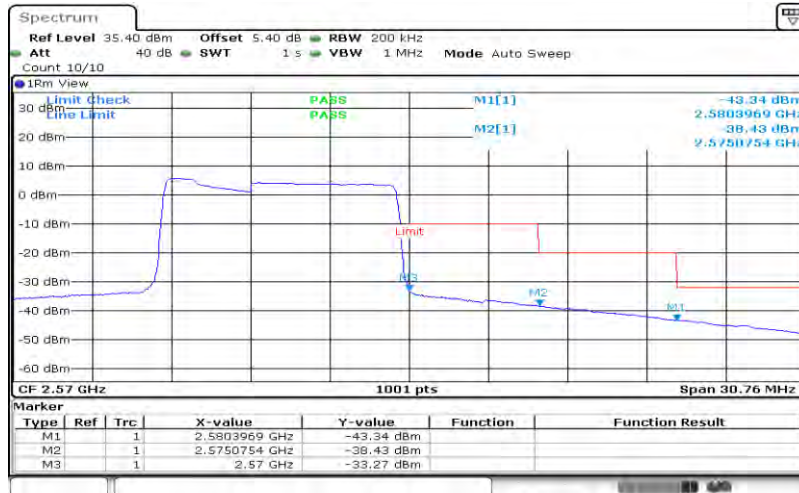


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Date: 27.DEC.2019 14:50:47

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

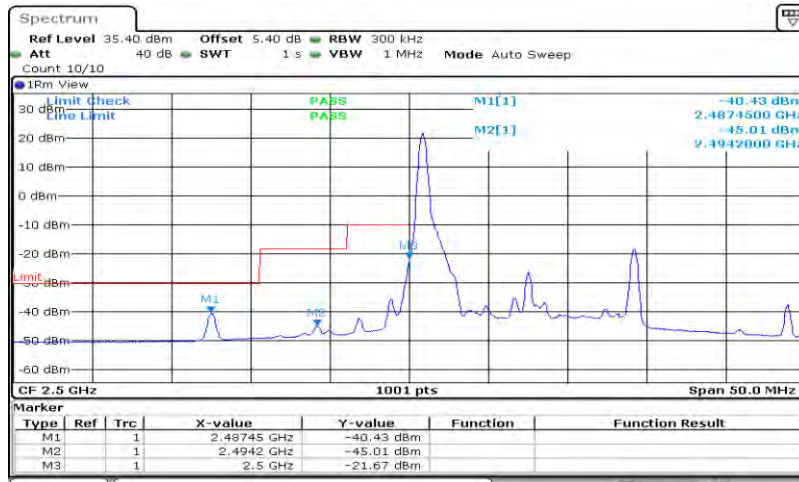


Date: 27.DEC.2019 14:52:13

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

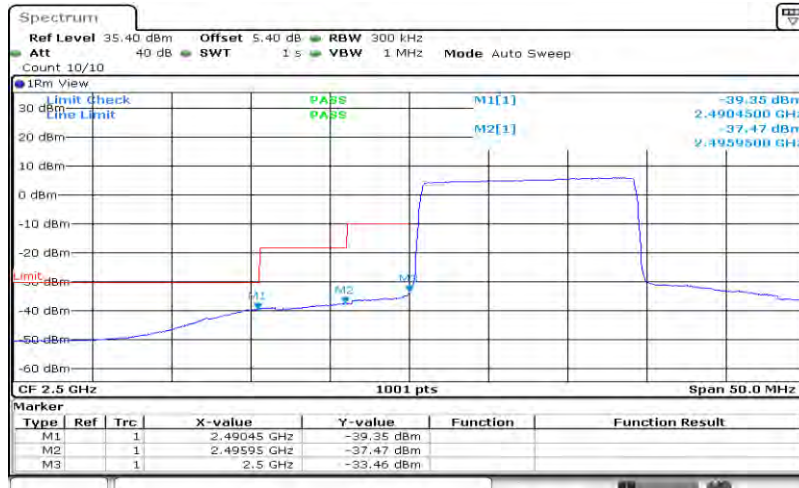


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Date: 27.DEC.2019 14:52:38

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

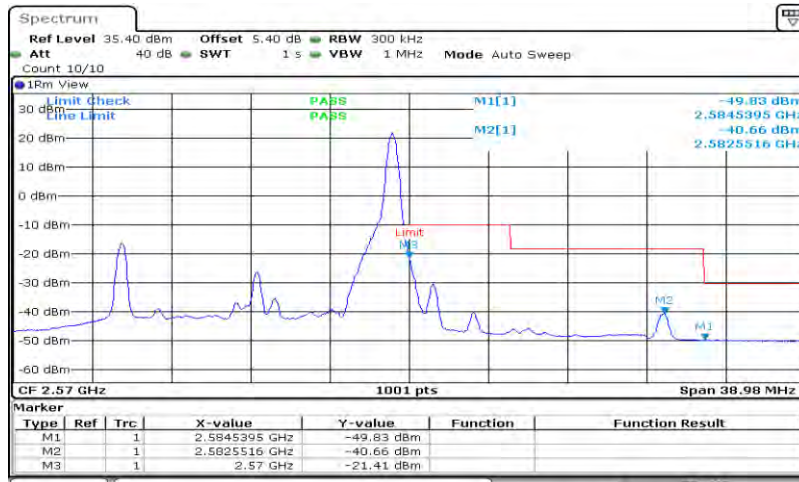


Date: 27.DEC.2019 14:54:08

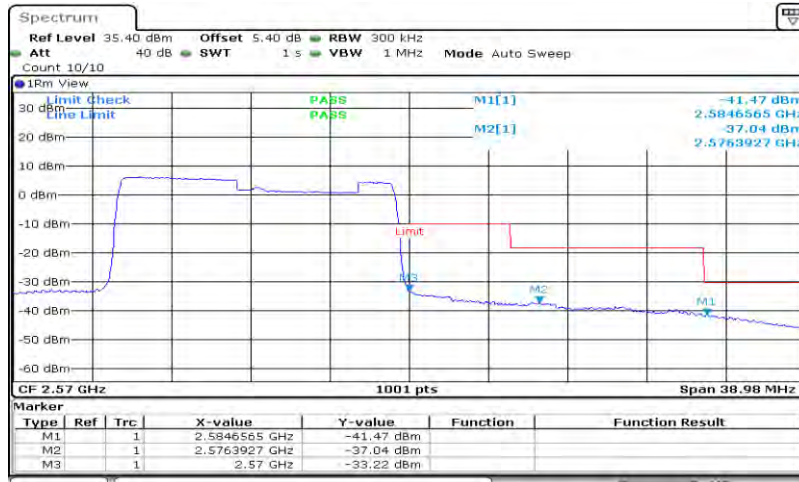
Band7-15MHz-QPSK-21375-1RB#74



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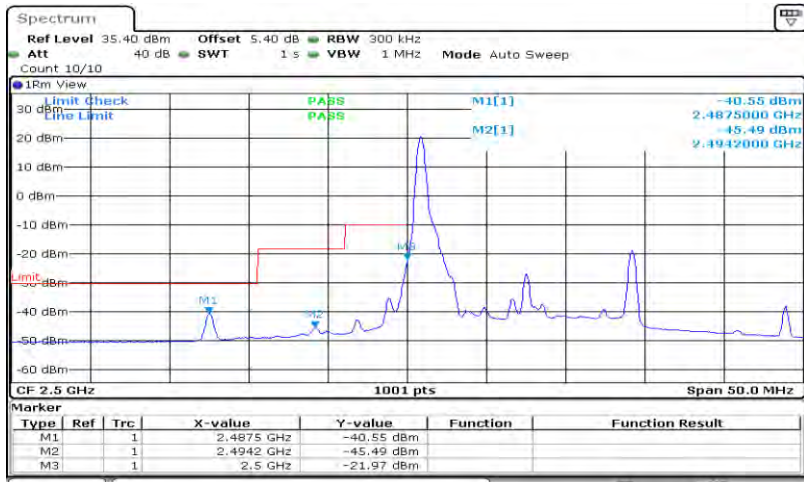
Band7-15MHz-QPSK-21375-75RB#0



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

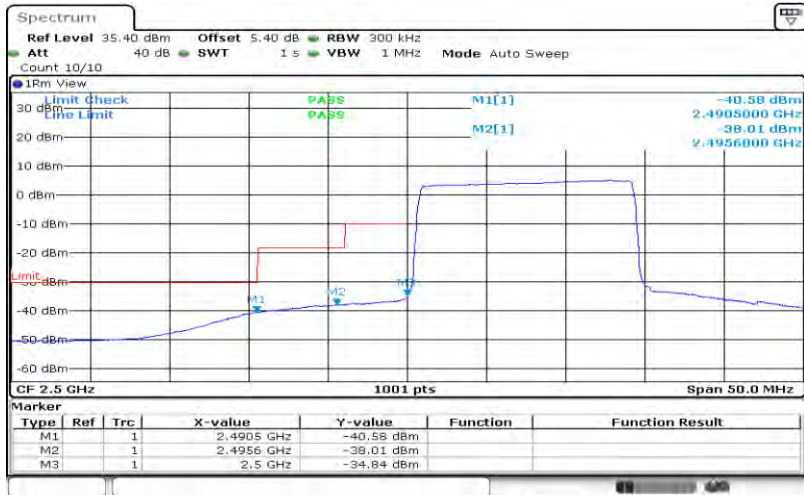


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Date: 27.DEC.2019 14:52:58

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

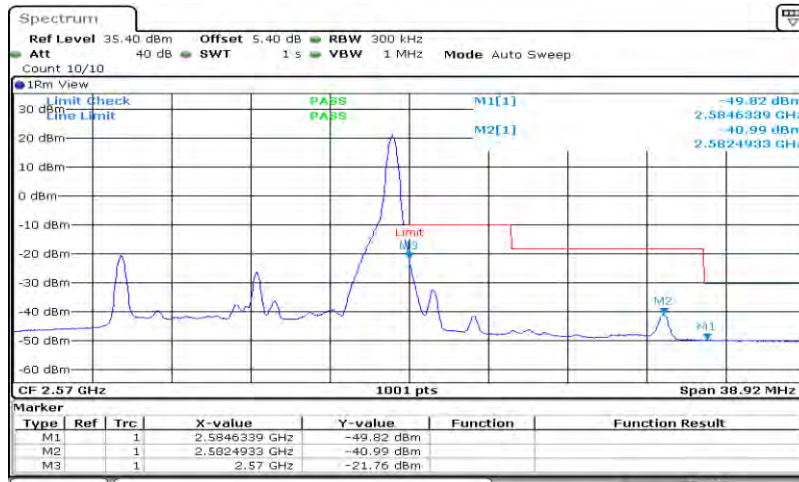


Date: 27.DEC.2019 14:54:28

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

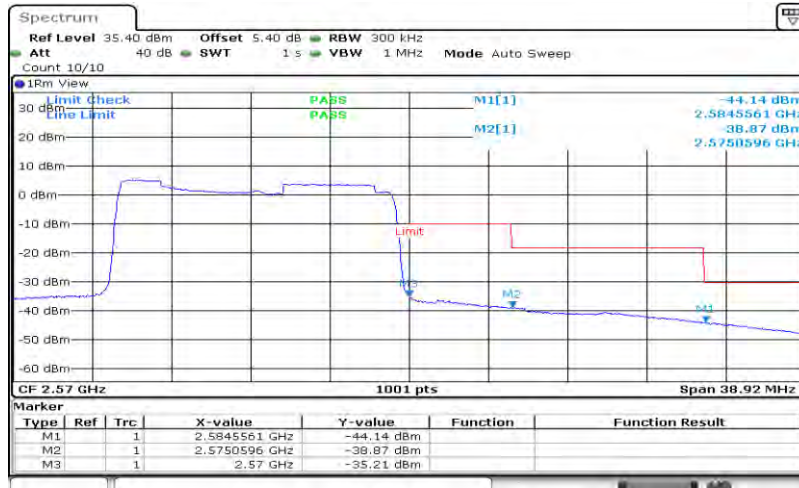


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Date: 27.DEC.2019 14:53:43

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

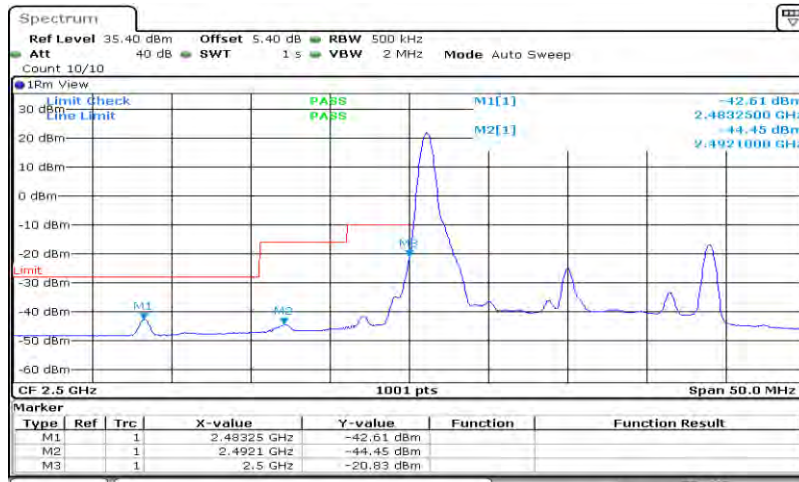


Date: 27.DEC.2019 14:55:09

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

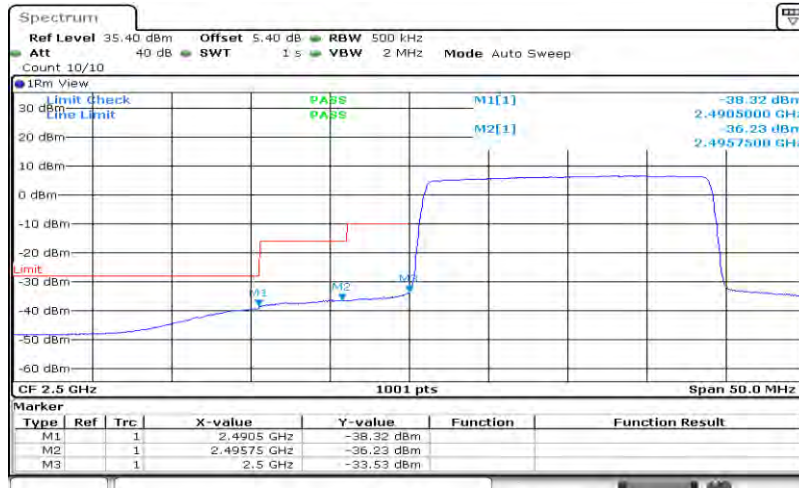


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Date: 27.DEC.2019 14:55:34

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

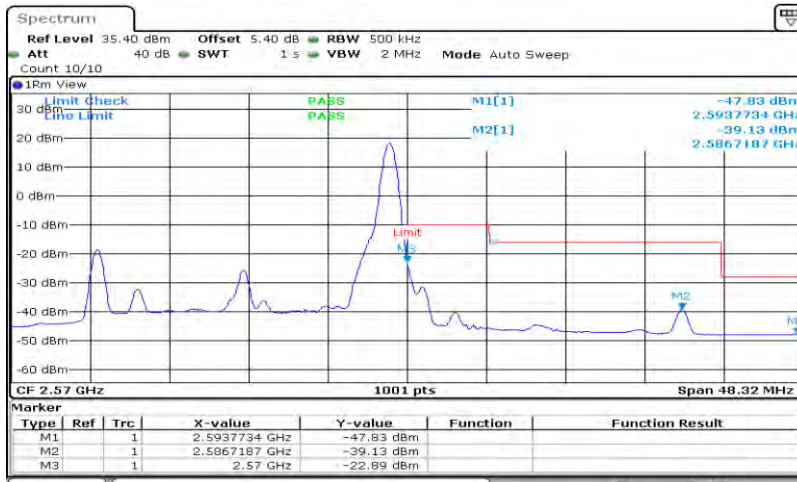


Date: 27.DEC.2019 14:57:04

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

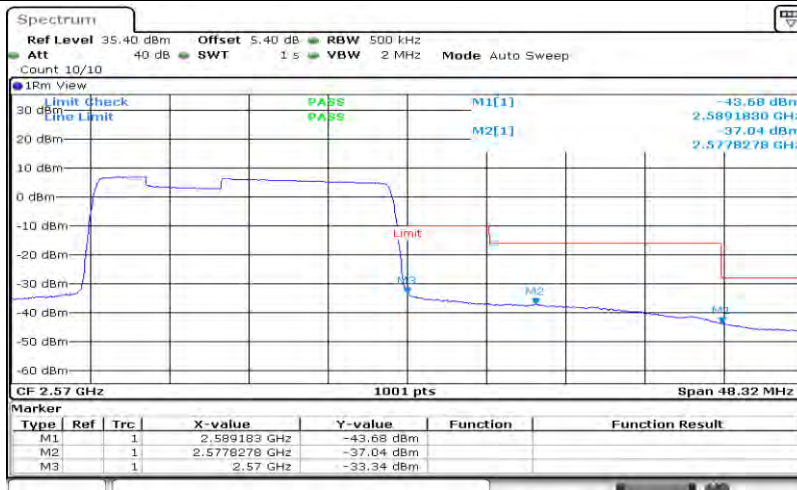


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Date: 27.DEC.2019 14:56:19

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

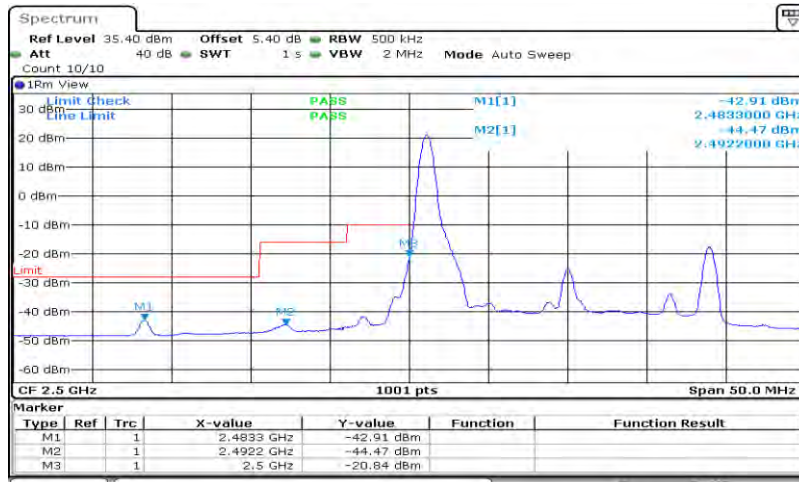


Date: 27.DEC.2019 14:57:45

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

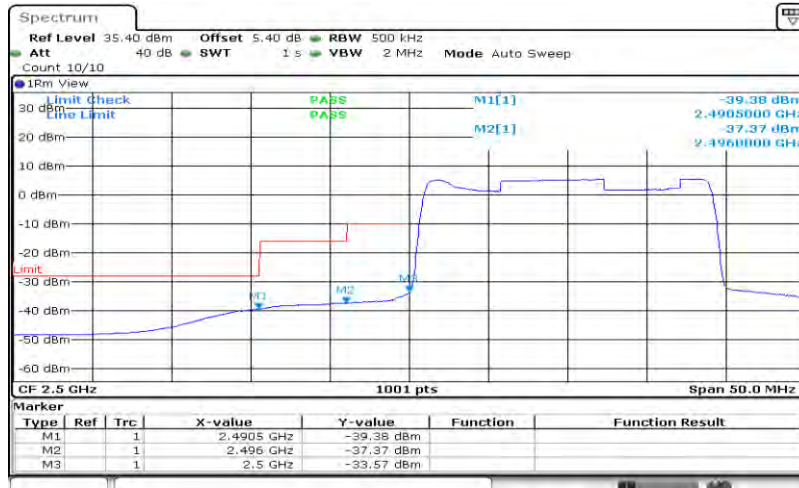


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Date: 27.DEC.2019 14:55:55

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

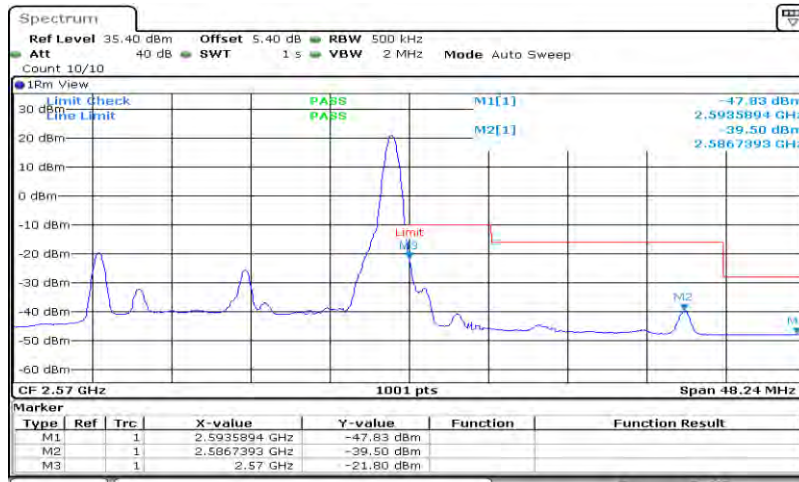


Date: 27.DEC.2019 14:57:25

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

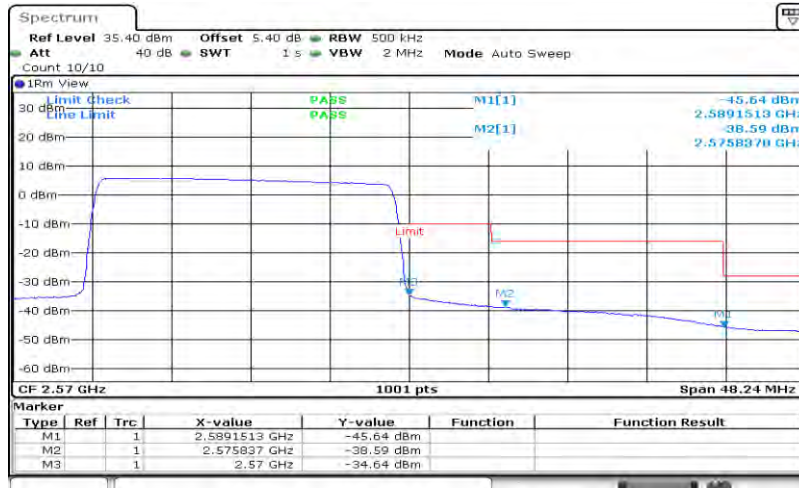


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Date: 27.DEC.2019 14:56:40

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



Date: 27.DEC.2019 14:58:06



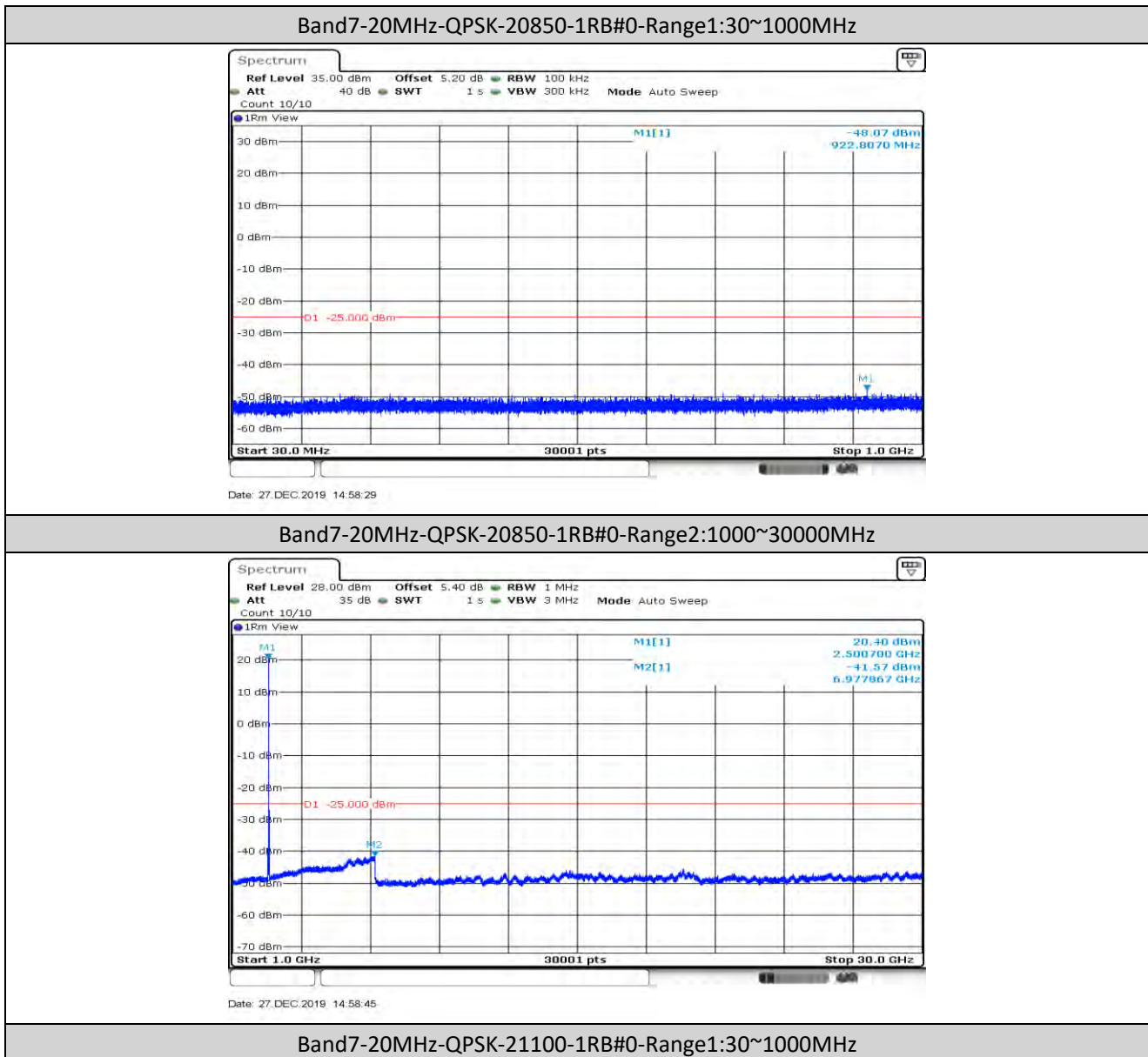
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6. Spurious Emission at Antenna Terminal

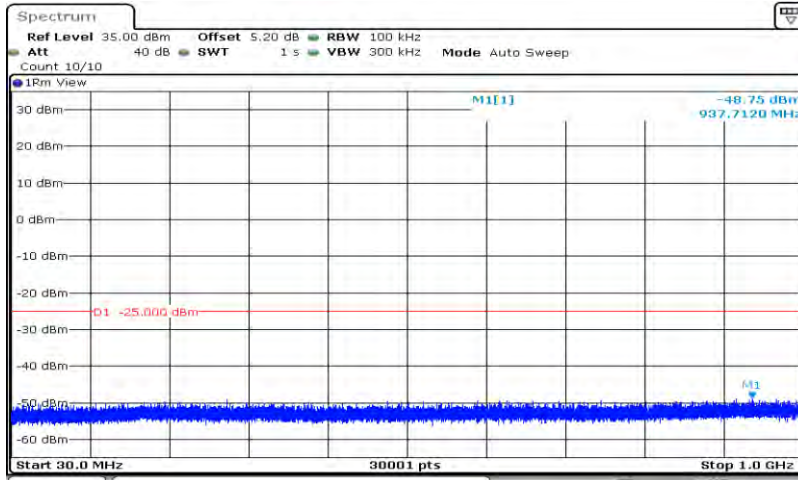
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

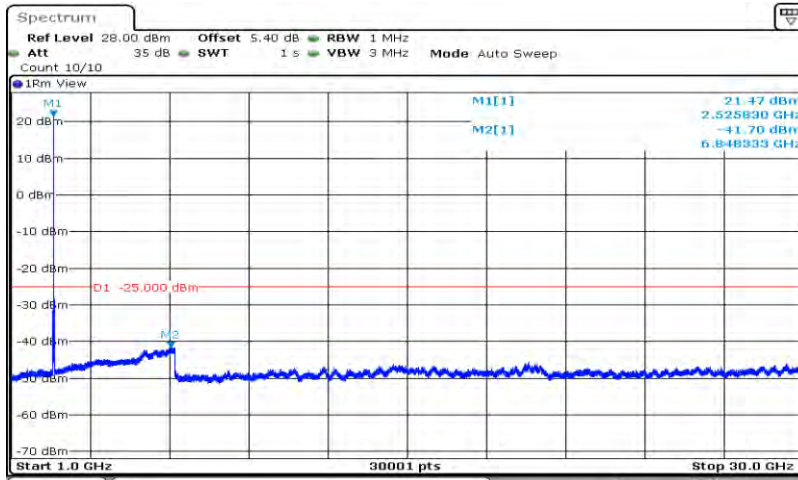


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Date: 27.DEC.2019 14:59:39

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

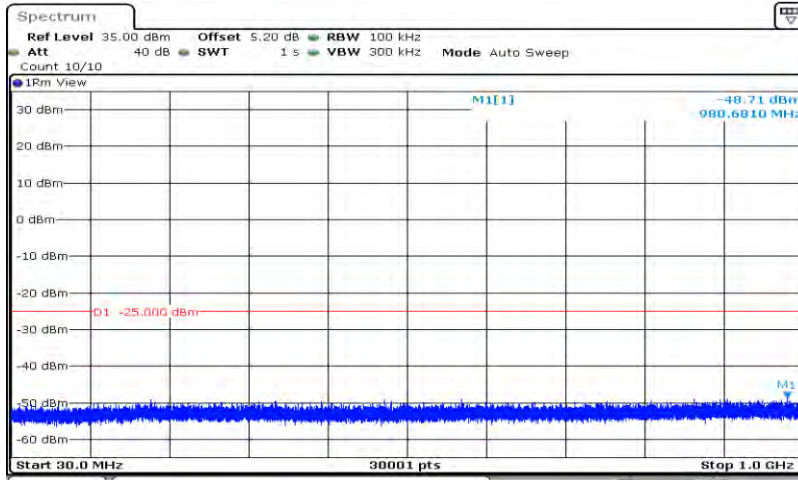


Date: 27.DEC.2019 14:59:55

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

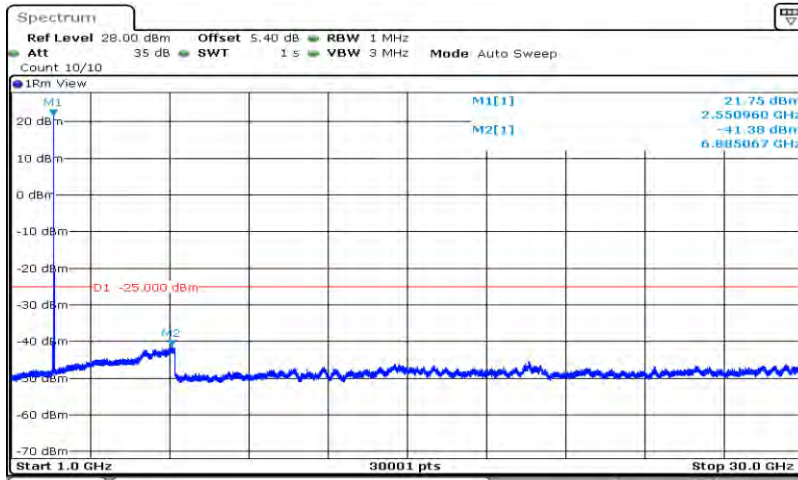


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Date: 27.DEC.2019 15:00:50

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

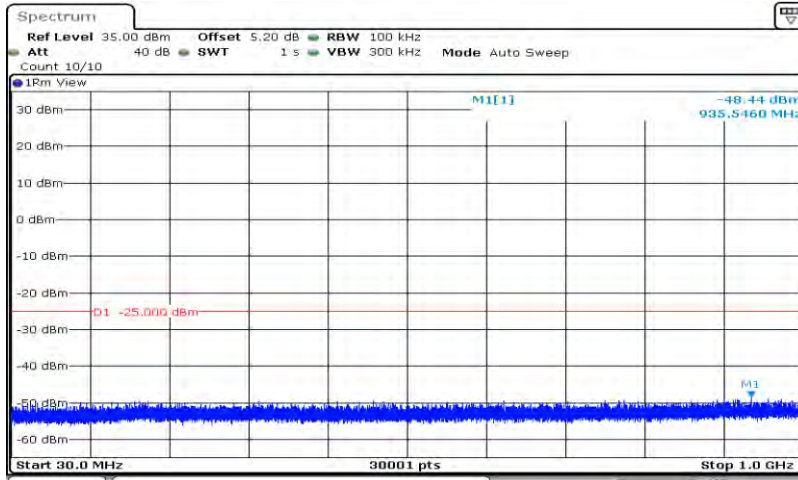


Date: 27.DEC.2019 15:01:06

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

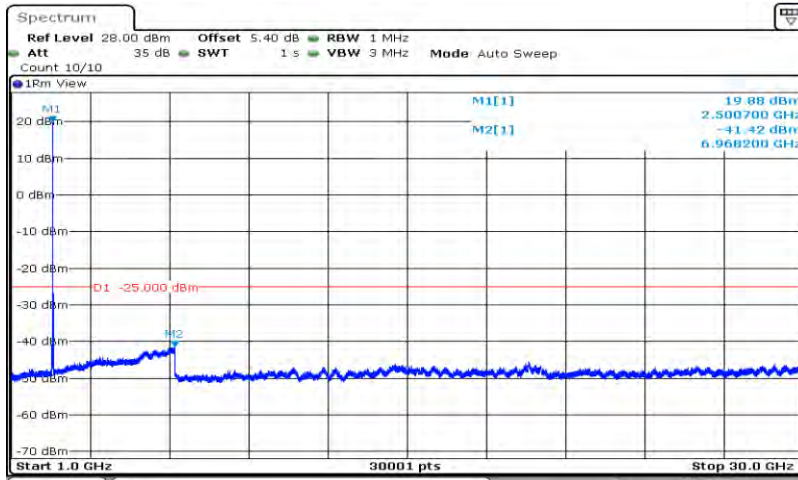


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Date: 27.DEC.2019 14:59:04

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

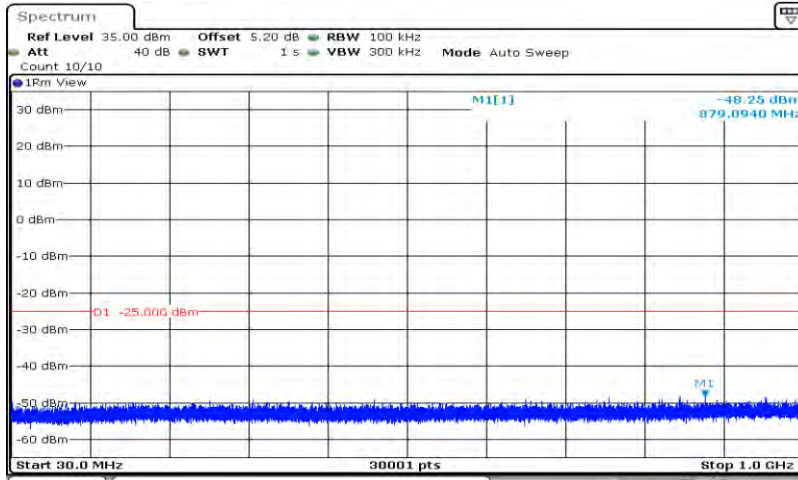


Date: 27.DEC.2019 14:59:20

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

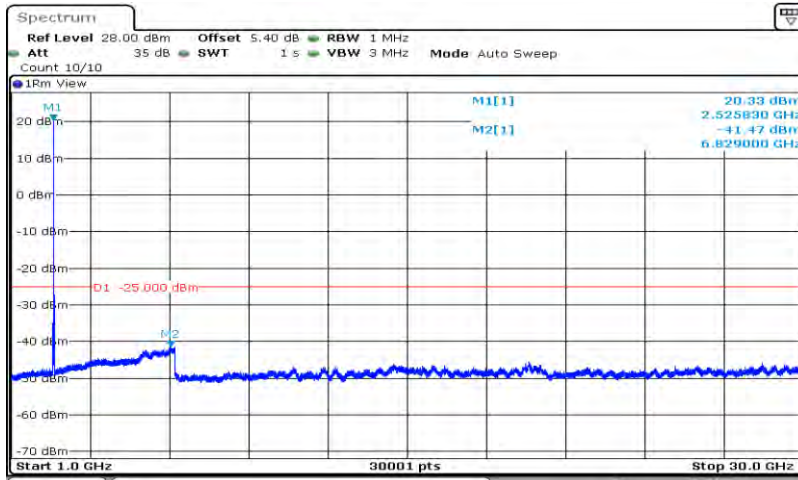


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Date: 27.DEC.2019 15:00:14

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

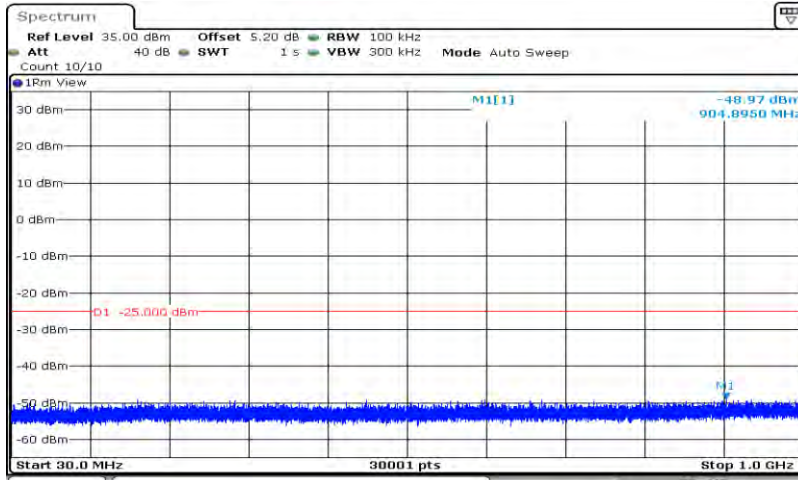


Date: 27.DEC.2019 15:00:31

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

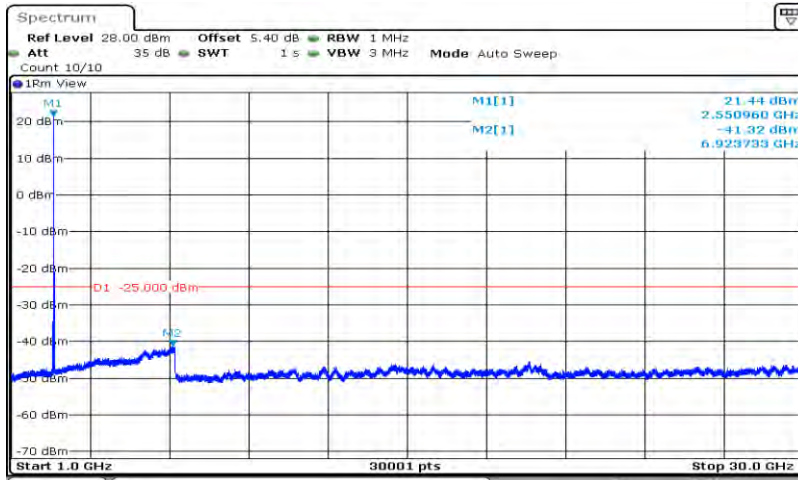


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Date: 27.DEC.2019 15:01:24

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



Date: 27.DEC.2019 15:01:41



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7. Field Strength of Spurious Radiation

The 5029E data:

7.1. Test Band = LTE Band 7

7.1.1. Test Mode = LTE/TM1

7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 110.4170 | -65.39 | -25.00 | 40.39 | Vertical |
| 5002.2801 | -49.45 | -25.00 | 24.45 | Vertical |
| 7503.1801 | -43.34 | -25.00 | 18.34 | Vertical |
| 10004.0802 | -39.51 | -25.00 | 14.51 | Vertical |
| 14360.2544 | -52.74 | -25.00 | 27.74 | Vertical |
| 17998.8000 | -46.27 | -25.00 | 21.27 | Vertical |
| 42.5621 | -64.89 | -25.00 | 39.89 | Horizontal |
| 5002.2801 | -50.60 | -25.00 | 25.60 | Horizontal |
| 7503.1801 | -39.65 | -25.00 | 14.65 | Horizontal |
| 10004.6802 | -35.69 | -25.00 | 10.69 | Horizontal |
| 12505.5802 | -53.51 | -25.00 | 28.51 | Horizontal |
| 16394.3358 | -49.07 | -25.00 | 24.07 | Horizontal |

7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 109.6895 | -65.72 | -25.00 | 40.72 | Vertical |
| 5052.0821 | -50.64 | -25.00 | 25.64 | Vertical |
| 7578.1831 | -45.80 | -25.00 | 20.80 | Vertical |
| 10104.2842 | -42.08 | -25.00 | 17.08 | Vertical |
| 14522.2609 | -52.01 | -25.00 | 27.01 | Vertical |
| 17794.1918 | -48.77 | -25.00 | 23.77 | Vertical |
| 42.9987 | -65.19 | -25.00 | 40.19 | Horizontal |
| 5052.0821 | -49.68 | -25.00 | 24.68 | Horizontal |
| 7578.1831 | -41.28 | -25.00 | 16.28 | Horizontal |
| 10104.2842 | -38.37 | -25.00 | 13.37 | Horizontal |
| 12630.3852 | -53.91 | -25.00 | 28.91 | Horizontal |
| 16837.1535 | -50.17 | -25.00 | 25.17 | Horizontal |



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7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 111.4841 | -65.52 | -25.00 | 40.52 | Vertical |
| 748.4179 | -63.34 | -25.00 | 38.34 | Vertical |
| 5102.4841 | -49.28 | -25.00 | 24.28 | Vertical |
| 7653.1861 | -46.34 | -25.00 | 21.34 | Vertical |
| 10204.4882 | -43.75 | -25.00 | 18.75 | Vertical |
| 17996.9999 | -45.77 | -25.00 | 20.77 | Vertical |
| 44.5507 | -63.97 | -25.00 | 38.97 | Horizontal |
| 829.6595 | -62.29 | -25.00 | 37.29 | Horizontal |
| 5101.8841 | -49.43 | -25.00 | 24.43 | Horizontal |
| 7653.1861 | -41.04 | -25.00 | 16.04 | Horizontal |
| 10204.4882 | -41.71 | -25.00 | 16.71 | Horizontal |
| 16374.5350 | -49.18 | -25.00 | 24.18 | Horizontal |



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8. Spot Check Field Strength of Spurious Radiation

The 5029F data:

8.1. Test Band = LTE Band 7

8.1.1. Test Mode = LTE/TM1

8.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 116.7223 | -65.57 | -25.00 | 40.57 | Vertical |
| 1650.9302 | -45.82 | -25.00 | 20.82 | Vertical |
| 5002.2801 | -50.42 | -25.00 | 25.42 | Vertical |
| 7503.1801 | -39.06 | -25.00 | 14.06 | Vertical |
| 10004.0802 | -43.61 | -25.00 | 18.61 | Vertical |
| 17998.1999 | -42.18 | -25.00 | 17.18 | Vertical |
| 44.4052 | -64.44 | -25.00 | 39.44 | Horizontal |
| 830.5325 | -62.62 | -25.00 | 37.62 | Horizontal |
| 5002.2801 | -48.49 | -25.00 | 23.49 | Horizontal |
| 7503.1801 | -36.13 | -25.00 | 11.13 | Horizontal |
| 10004.0802 | -41.61 | -25.00 | 16.61 | Horizontal |
| 16364.9346 | -45.82 | -25.00 | 20.82 | Horizontal |

8.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 111.2416 | -64.63 | -25.00 | 39.63 | Vertical |
| 754.4322 | -62.70 | -25.00 | 37.70 | Vertical |
| 5052.0821 | -48.84 | -25.00 | 23.84 | Vertical |
| 7578.1831 | -39.43 | -25.00 | 14.43 | Vertical |
| 10104.2842 | -45.27 | -25.00 | 20.27 | Vertical |
| 17993.3997 | -42.53 | -25.00 | 17.53 | Vertical |
| 45.2298 | -65.20 | -25.00 | 40.20 | Horizontal |
| 677.1679 | -64.71 | -25.00 | 39.71 | Horizontal |
| 5052.0821 | -47.38 | -25.00 | 22.38 | Horizontal |
| 7578.1831 | -39.70 | -25.00 | 14.70 | Horizontal |
| 10104.2842 | -41.55 | -25.00 | 16.55 | Horizontal |
| 16398.5359 | -45.53 | -25.00 | 20.53 | Horizontal |



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8.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 109.2045 | -66.39 | -25.00 | 41.39 | Vertical |
| 1671.3343 | -45.71 | -25.00 | 20.71 | Vertical |
| 5102.4841 | -51.43 | -25.00 | 26.43 | Vertical |
| 7653.1861 | -40.95 | -25.00 | 15.95 | Vertical |
| 14495.2598 | -49.35 | -25.00 | 24.35 | Vertical |
| 17986.7995 | -42.37 | -25.00 | 17.37 | Vertical |
| 42.2226 | -65.42 | -25.00 | 40.42 | Horizontal |
| 249.4735 | -68.99 | -25.00 | 43.99 | Horizontal |
| 5102.4841 | -47.49 | -25.00 | 22.49 | Horizontal |
| 7653.1861 | -41.07 | -25.00 | 16.07 | Horizontal |
| 10204.4882 | -44.38 | -25.00 | 19.38 | Horizontal |
| 16392.5357 | -45.87 | -25.00 | 20.87 | 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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9. Frequency Stability

9.1. 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 | -18.50 | -0.007371 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VN | NT | 9.80 | 0.003904 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VH | NT | -3.70 | -0.001474 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VL | NT | 7.50 | 0.002959 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VN | NT | 6.60 | 0.002629 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VH | NT | -5.90 | -0.002327 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VL | NT | 0.10 | 0.000039 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VN | NT | -14.80 | -0.005781 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VH | NT | -14.90 | -0.005820 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | 6.60 | 0.002629 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | -5.40 | -0.002151 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | 1.00 | 0.000398 | ±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 | -17.80 | -0.007022 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | -0.80 | -0.000316 | ±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 | -17.80 | -0.006953 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | 2.80 | 0.001094 | ±2.5 | PASS |

9.2. Frequency Vs Temperature

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -30 | -3.60 | -0.001434 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -20 | 8.40 | 0.003347 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 0 | -5.50 | -0.002191 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 10 | 6.90 | 0.002749 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 20 | 13.10 | 0.005219 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 30 | 6.00 | 0.002390 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 40 | 8.50 | 0.003386 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 50 | -3.60 | -0.001434 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -30 | -6.80 | -0.002682 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -20 | -13.50 | -0.005325 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 0 | -16.00 | -0.006312 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 10 | -4.00 | -0.001578 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 20 | -4.40 | -0.001736 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 30 | 1.00 | 0.000394 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 40 | 9.00 | 0.003550 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 50 | -5.20 | -0.002051 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -30 | 2.30 | 0.000898 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -20 | -11.00 | -0.004297 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 0 | -6.20 | -0.002422 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 10 | -10.90 | -0.004258 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 20 | 0.30 | 0.000117 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 30 | 7.70 | 0.003008 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 40 | -9.10 | -0.003555 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 50 | -11.20 | -0.004375 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -12.80 | -0.005100 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | -13.50 | -0.005378 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0 | -13.10 | -0.005219 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10 | 1.40 | 0.000558 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20 | -12.60 | -0.005020 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30 | 1.70 | 0.000677 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 40 | -11.60 | -0.004622 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 50 | 0.50 | 0.000199 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | -13.60 | -0.005365 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -1.90 | -0.000750 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0 | -0.80 | -0.000316 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10 | -13.90 | -0.005483 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20 | 3.00 | 0.001183 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30 | -8.40 | -0.003314 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40 | -3.40 | -0.001341 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50 | -4.80 | -0.001893 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | 4.70 | 0.001836 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | -19.40 | -0.007578 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0 | -3.40 | -0.001328 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10 | -20.70 | -0.008086 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20 | -5.00 | -0.001953 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30 | -2.70 | -0.001055 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40 | 1.30 | 0.000508 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50 | -15.40 | -0.006016 | ±2.5 | PASS |



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