



# Appendix B

## E-UTRA Band 7



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|      |                                |    |
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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result for Down Ant

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 22.97                | 25.17      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 22.97                | 25.17      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 22.96                | 25.16      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#6           | 22.19                | 24.39      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#0           | 22.15                | 24.35      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#13          | 22.12                | 24.32      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 22.08                | 24.28      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 22.95                | 25.15      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 22.98                | 25.18      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#12           | 22.87                | 25.07      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#0           | 22.06                | 24.26      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#6           | 22.03                | 24.23      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#13          | 22.11                | 24.31      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 21.96                | 24.16      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#12           | 23.17                | 25.37      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 22.62                | 24.82      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 22.30                | 24.50      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#13          | 21.73                | 23.93      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#6           | 21.71                | 23.91      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#0           | 21.60                | 23.80      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 21.65                | 23.85      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#0            | 21.49                | 23.69      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#24           | 21.44                | 23.64      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 1RB#12           | 21.16                | 23.36      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 12RB#0           | 20.34                | 22.54      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 12RB#6           | 20.31                | 22.51      | 33.00       | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 12RB#13          | 20.31                | 22.51      | 33.00       | PASS    |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0  | 20.30 | 22.50 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0   | 21.03 | 23.23 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12  | 21.38 | 23.58 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24  | 21.03 | 23.23 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#13 | 21.01 | 23.21 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#6  | 20.30 | 22.50 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#0  | 20.23 | 22.43 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0  | 20.26 | 22.46 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0   | 20.67 | 22.87 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#12  | 21.44 | 23.64 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24  | 21.36 | 23.56 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#0  | 21.10 | 23.30 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#6  | 20.33 | 22.53 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#13 | 20.28 | 22.48 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0  | 20.18 | 22.38 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0   | 22.14 | 24.34 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24  | 22.14 | 24.34 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12  | 22.32 | 24.52 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 21.14 | 23.34 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6  | 21.07 | 23.27 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0  | 21.12 | 23.32 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0  | 21.25 | 23.45 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0   | 22.31 | 24.51 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12  | 22.19 | 24.39 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24  | 22.24 | 24.44 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0  | 21.02 | 23.22 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6  | 21.14 | 23.34 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 21.08 | 23.28 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0  | 21.03 | 23.23 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0   | 22.19 | 24.39 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24  | 22.02 | 24.22 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12  | 21.65 | 23.85 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0  | 20.68 | 22.88 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 20.61 | 22.81 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 20.44 | 22.64 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 20.67 | 22.87 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 22.93 | 25.13 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 22.94 | 25.14 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 22.80 | 25.00 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 22.02 | 24.22 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 22.15 | 24.35 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 22.03 | 24.23 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 22.07 | 24.27 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 23.04 | 25.24 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 22.85 | 25.05 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 22.90 | 25.10 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 21.98 | 24.18 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 22.00 | 24.20 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 22.12 | 24.32 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 22.07 | 24.27 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 22.94 | 25.14 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 23.19 | 25.39 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 22.53 | 24.73 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 22.17 | 24.37 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 21.95 | 24.15 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 21.70 | 23.90 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 21.82 | 24.02 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24  | 21.38 | 23.58 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49  | 21.28 | 23.48 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0   | 21.69 | 23.89 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#0  | 20.21 | 22.41 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#12 | 20.26 | 22.46 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#25 | 20.31 | 22.51 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0  | 20.24 | 22.44 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49  | 21.01 | 23.21 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0   | 21.15 | 23.35 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24  | 21.05 | 23.25 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#0  | 20.82 | 23.02 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#12 | 20.29 | 22.49 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#25 | 20.34 | 22.54 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0  | 20.29 | 22.49 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0   | 20.88 | 23.08 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49  | 21.70 | 23.90 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24  | 21.65 | 23.85 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#25 | 20.88 | 23.08 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#0  | 20.32 | 22.52 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#12 | 20.36 | 22.56 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0  | 20.36 | 22.56 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 22.24 | 24.44 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 22.46 | 24.66 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 22.00 | 24.20 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 21.00 | 23.20 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 21.02 | 23.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 21.14 | 23.34 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 21.14 | 23.34 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 22.14 | 24.34 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 22.53 | 24.73 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 22.02 | 24.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 21.00 | 23.20 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 21.02 | 23.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 20.93 | 23.13 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 21.01 | 23.21 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 22.37 | 24.57 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 22.40 | 24.60 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 21.70 | 23.90 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 21.20 | 23.40 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 21.02 | 23.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 20.76 | 22.96 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 20.88 | 23.08 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 23.11 | 25.31 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 23.12 | 25.32 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 23.15 | 25.35 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#39 | 22.21 | 24.41 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#18 | 22.27 | 24.47 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#0  | 22.17 | 24.37 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 22.20 | 24.40 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 23.11 | 25.31 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 23.22 | 25.42 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 23.22 | 25.42 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#0  | 22.21 | 24.41 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#18 | 22.24 | 24.44 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#39 | 22.23 | 24.43 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 22.10 | 24.30 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 23.24 | 25.44 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 23.20 | 25.40 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 22.76 | 24.96 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#0  | 22.34 | 24.54 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#18 | 22.37 | 24.57 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#39 | 22.08 | 24.28 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 22.37 | 24.57 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74  | 20.64 | 22.84 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38  | 20.55 | 22.75 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0   | 20.30 | 22.50 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#0  | 19.49 | 21.69 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#18 | 19.46 | 21.66 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#39 | 19.41 | 21.61 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0  | 19.44 | 21.64 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38  | 21.14 | 23.34 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74  | 21.50 | 23.70 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0   | 21.16 | 23.36 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#39 | 21.12 | 23.32 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#0  | 20.41 | 22.61 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | 64QAM | 21100 | 36RB#18 | 20.37 | 22.57 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0  | 20.37 | 22.57 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0   | 21.34 | 23.54 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38  | 20.55 | 22.75 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74  | 20.50 | 22.70 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#18 | 20.24 | 22.44 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#0  | 19.47 | 21.67 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#39 | 19.42 | 21.62 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0  | 19.31 | 21.51 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 22.28 | 24.48 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 22.58 | 24.78 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 22.40 | 24.60 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0  | 21.17 | 23.37 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 21.36 | 23.56 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 21.26 | 23.46 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 21.28 | 23.48 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 22.49 | 24.69 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 22.36 | 24.56 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 22.39 | 24.59 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0  | 21.21 | 23.41 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 21.24 | 23.44 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 21.29 | 23.49 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 21.14 | 23.34 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 22.61 | 24.81 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 22.09 | 24.29 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 22.17 | 24.37 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0  | 21.20 | 23.40 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 21.39 | 23.59 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 21.07 | 23.27 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 21.34 | 23.54 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 23.19 | 25.39 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 22.99 | 25.19 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 22.96 | 25.16 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 22.36 | 24.56 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 22.32 | 24.52 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 22.26 | 24.46 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 22.24 | 24.44 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 23.17 | 25.37 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 23.04 | 25.24 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 23.03 | 25.23 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 22.27 | 24.47 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 22.26 | 24.46 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 22.25 | 24.45 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 22.22 | 24.42 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 23.25 | 25.45 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 22.97 | 25.17 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 22.90 | 25.10 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 22.38 | 24.58 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 22.39 | 24.59 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 22.31 | 24.51 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 22.38 | 24.58 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0   | 21.50 | 23.70 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49  | 21.71 | 23.91 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99  | 21.27 | 23.47 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 20.21 | 22.41 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0  | 20.41 | 22.61 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 20.37 | 22.57 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 20.28 | 22.48 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0   | 21.29 | 23.49 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49  | 21.05 | 23.25 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99  | 20.89 | 23.09 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0  | 20.98 | 23.18 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 20.20 | 22.40 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 20.23 | 22.43 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 20.31 | 22.51 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99  | 21.33 | 23.53 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0   | 21.58 | 23.78 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49  | 21.33 | 23.53 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0  | 21.50 | 23.70 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 20.21 | 22.41 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 20.11 | 22.31 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 20.27 | 22.47 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 22.40 | 24.60 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 22.52 | 24.72 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 22.37 | 24.57 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 21.20 | 23.40 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 21.19 | 23.39 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 21.26 | 23.46 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 21.24 | 23.44 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 22.90 | 25.10 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 22.32 | 24.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 22.37 | 24.57 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 21.32 | 23.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 21.34 | 23.54 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 21.26 | 23.46 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 21.29 | 23.49 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 22.60 | 24.80 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 22.52 | 24.72 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 21.96 | 24.16 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 21.28 | 23.48 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 21.49 | 23.69 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 21.38 | 23.58 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 21.33 | 23.53 | 33.00 | PASS |

## 1.2. Test Result for Up Ant

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 19.51                | 21.71      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 19.60                | 21.80      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 19.50                | 21.70      | 33.00       | PASS    |



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|       |      |       |       |         |       |       |       |      |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | QPSK  | 20775 | 12RB#6  | 18.60 | 20.80 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 12RB#0  | 18.65 | 20.85 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 12RB#13 | 18.61 | 20.81 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 20775 | 25RB#0  | 18.60 | 20.80 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 1RB#24  | 19.30 | 21.50 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 1RB#0   | 19.44 | 21.64 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 1RB#12  | 19.40 | 21.60 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 12RB#0  | 18.57 | 20.77 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 12RB#6  | 18.55 | 20.75 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 12RB#13 | 18.55 | 20.75 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21100 | 25RB#0  | 18.48 | 20.68 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 1RB#12  | 19.48 | 21.68 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 1RB#0   | 19.54 | 21.74 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 1RB#24  | 19.29 | 21.49 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 12RB#13 | 18.62 | 20.82 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 12RB#6  | 18.50 | 20.70 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 12RB#0  | 18.60 | 20.80 | 33.00 | PASS |
| Band7 | 5MHz | QPSK  | 21425 | 25RB#0  | 18.55 | 20.75 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0   | 18.07 | 20.27 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24  | 18.04 | 20.24 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#12  | 18.08 | 20.28 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#0  | 16.76 | 18.96 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#6  | 16.87 | 19.07 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#13 | 16.81 | 19.01 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0  | 16.79 | 18.99 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0   | 17.61 | 19.81 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12  | 18.05 | 20.25 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24  | 18.29 | 20.49 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#13 | 17.90 | 20.10 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#6  | 16.73 | 18.93 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#0  | 16.70 | 18.90 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0  | 16.70 | 18.90 | 33.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0   | 17.44 | 19.64 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz  | 64QAM | 21425 | 1RB#12  | 18.15 | 20.35 | 33.00 | PASS |
| Band7 | 5MHz  | 64QAM | 21425 | 1RB#24  | 18.03 | 20.23 | 33.00 | PASS |
| Band7 | 5MHz  | 64QAM | 21425 | 12RB#0  | 18.10 | 20.30 | 33.00 | PASS |
| Band7 | 5MHz  | 64QAM | 21425 | 12RB#6  | 16.75 | 18.95 | 33.00 | PASS |
| Band7 | 5MHz  | 64QAM | 21425 | 12RB#13 | 16.88 | 19.08 | 33.00 | PASS |
| Band7 | 5MHz  | 64QAM | 21425 | 25RB#0  | 16.78 | 18.98 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0   | 19.14 | 21.34 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#24  | 18.93 | 21.13 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#12  | 18.78 | 20.98 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#13 | 17.63 | 19.83 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#6  | 17.57 | 19.77 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#0  | 17.61 | 19.81 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0  | 17.61 | 19.81 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0   | 18.76 | 20.96 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#12  | 18.73 | 20.93 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#24  | 18.66 | 20.86 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#0  | 17.54 | 19.74 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#6  | 17.49 | 19.69 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#13 | 17.64 | 19.84 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 17.61 | 19.81 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 18.34 | 20.54 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#24  | 19.03 | 21.23 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#12  | 18.60 | 20.80 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 17.59 | 19.79 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 17.57 | 19.77 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 17.54 | 19.74 | 33.00 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 17.44 | 19.64 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 19.40 | 21.60 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 19.54 | 21.74 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 19.37 | 21.57 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 18.55 | 20.75 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 18.64 | 20.84 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 18.64 | 20.84 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 18.67 | 20.87 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 19.51 | 21.71 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 19.54 | 21.74 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 19.47 | 21.67 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 18.56 | 20.76 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 18.53 | 20.73 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 18.62 | 20.82 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 18.54 | 20.74 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 19.31 | 21.51 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 19.39 | 21.59 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 19.27 | 21.47 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 18.42 | 20.62 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 18.45 | 20.65 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 18.56 | 20.76 | 33.00 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 18.57 | 20.77 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24  | 18.40 | 20.60 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49  | 18.18 | 20.38 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0   | 17.88 | 20.08 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#0  | 16.95 | 19.15 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#12 | 16.92 | 19.12 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#25 | 16.74 | 18.94 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0  | 16.80 | 19.00 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49  | 17.49 | 19.69 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0   | 18.14 | 20.34 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24  | 18.34 | 20.54 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#0  | 18.12 | 20.32 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#12 | 16.79 | 18.99 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#25 | 16.80 | 19.00 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0  | 16.75 | 18.95 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0   | 17.47 | 19.67 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49  | 18.51 | 20.71 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24  | 18.21 | 20.41 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#25 | 18.30 | 20.50 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | 64QAM | 21400 | 25RB#0  | 16.86 | 19.06 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#12 | 16.81 | 19.01 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0  | 16.73 | 18.93 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 18.63 | 20.83 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 18.77 | 20.97 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 19.10 | 21.30 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 17.54 | 19.74 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 17.77 | 19.97 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 17.67 | 19.87 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 17.67 | 19.87 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 19.21 | 21.41 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 18.81 | 21.01 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 18.53 | 20.73 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 17.69 | 19.89 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 17.67 | 19.87 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 17.55 | 19.75 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 17.49 | 19.69 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 18.72 | 20.92 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 18.63 | 20.83 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 19.36 | 21.56 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 17.67 | 19.87 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 17.63 | 19.83 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 17.57 | 19.77 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 17.47 | 19.67 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 19.81 | 22.01 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 19.68 | 21.88 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 19.72 | 21.92 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#39 | 18.77 | 20.97 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#18 | 18.85 | 21.05 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 36RB#0  | 18.80 | 21.00 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 18.83 | 21.03 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 19.73 | 21.93 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 19.59 | 21.79 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 19.63 | 21.83 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#0  | 18.77 | 20.97 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#18 | 18.75 | 20.95 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 36RB#39 | 18.74 | 20.94 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 18.64 | 20.84 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 19.77 | 21.97 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 19.69 | 21.89 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 19.42 | 21.62 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#0  | 18.70 | 20.90 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#18 | 18.79 | 20.99 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 36RB#39 | 18.76 | 20.96 | 33.00 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 18.75 | 20.95 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74  | 17.93 | 20.13 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38  | 17.92 | 20.12 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0   | 18.20 | 20.40 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#0  | 16.85 | 19.05 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#18 | 16.93 | 19.13 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 36RB#39 | 16.89 | 19.09 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0  | 16.77 | 18.97 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38  | 17.74 | 19.94 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74  | 18.27 | 20.47 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0   | 18.40 | 20.60 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#39 | 18.17 | 20.37 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#0  | 16.91 | 19.11 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 36RB#18 | 16.68 | 18.88 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0  | 16.84 | 19.04 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0   | 17.84 | 20.04 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38  | 18.62 | 20.82 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74  | 17.77 | 19.97 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#18 | 18.35 | 20.55 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#0  | 16.72 | 18.92 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 36RB#39 | 16.84 | 19.04 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0  | 16.70 | 18.90 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 18.95 | 21.15 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 19.22 | 21.42 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 19.09 | 21.29 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0  | 17.82 | 20.02 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 17.86 | 20.06 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 17.89 | 20.09 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 17.89 | 20.09 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 18.85 | 21.05 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 18.90 | 21.10 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 19.26 | 21.46 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0  | 17.81 | 20.01 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 17.81 | 20.01 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 17.79 | 19.99 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 17.74 | 19.94 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 19.16 | 21.36 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 19.24 | 21.44 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 18.90 | 21.10 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0  | 17.76 | 19.96 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 17.82 | 20.02 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 17.82 | 20.02 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 17.84 | 20.04 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 19.73 | 21.93 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 19.48 | 21.68 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 19.41 | 21.61 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 18.89 | 21.09 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 18.88 | 21.08 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 18.76 | 20.96 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 18.87 | 21.07 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 19.83 | 22.03 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 19.63 | 21.83 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 19.74 | 21.94 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 18.76 | 20.96 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 18.74 | 20.94 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 18.74 | 20.94 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 18.72 | 20.92 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 19.84 | 22.04 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 19.58 | 21.78 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 19.73 | 21.93 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 18.75 | 20.95 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 18.78 | 20.98 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 18.76 | 20.96 | 33.00 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 18.78 | 20.98 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0   | 18.11 | 20.31 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49  | 18.11 | 20.31 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99  | 17.66 | 19.86 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 16.89 | 19.09 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0  | 16.74 | 18.94 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 16.93 | 19.13 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 16.89 | 19.09 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0   | 17.80 | 20.00 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49  | 18.02 | 20.22 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99  | 17.98 | 20.18 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0  | 17.71 | 19.91 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 16.88 | 19.08 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 16.82 | 19.02 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 16.74 | 18.94 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99  | 17.82 | 20.02 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0   | 18.50 | 20.70 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49  | 18.06 | 20.26 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0  | 17.69 | 19.89 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 16.85 | 19.05 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 16.80 | 19.00 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 16.79 | 18.99 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 19.02 | 21.22 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 19.06 | 21.26 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 19.03 | 21.23 | 33.00 | PASS |



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|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 17.95 | 20.15 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 17.88 | 20.08 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 17.91 | 20.11 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.82 | 20.02 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 18.98 | 21.18 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 18.79 | 20.99 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 19.10 | 21.30 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 17.85 | 20.05 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 17.69 | 19.89 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 17.81 | 20.01 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.80 | 20.00 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 19.35 | 21.55 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 18.78 | 20.98 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 18.64 | 20.84 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 17.80 | 20.00 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 17.83 | 20.03 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 17.86 | 20.06 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.82 | 20.02 | 33.00 | PASS |

Remark:

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

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

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



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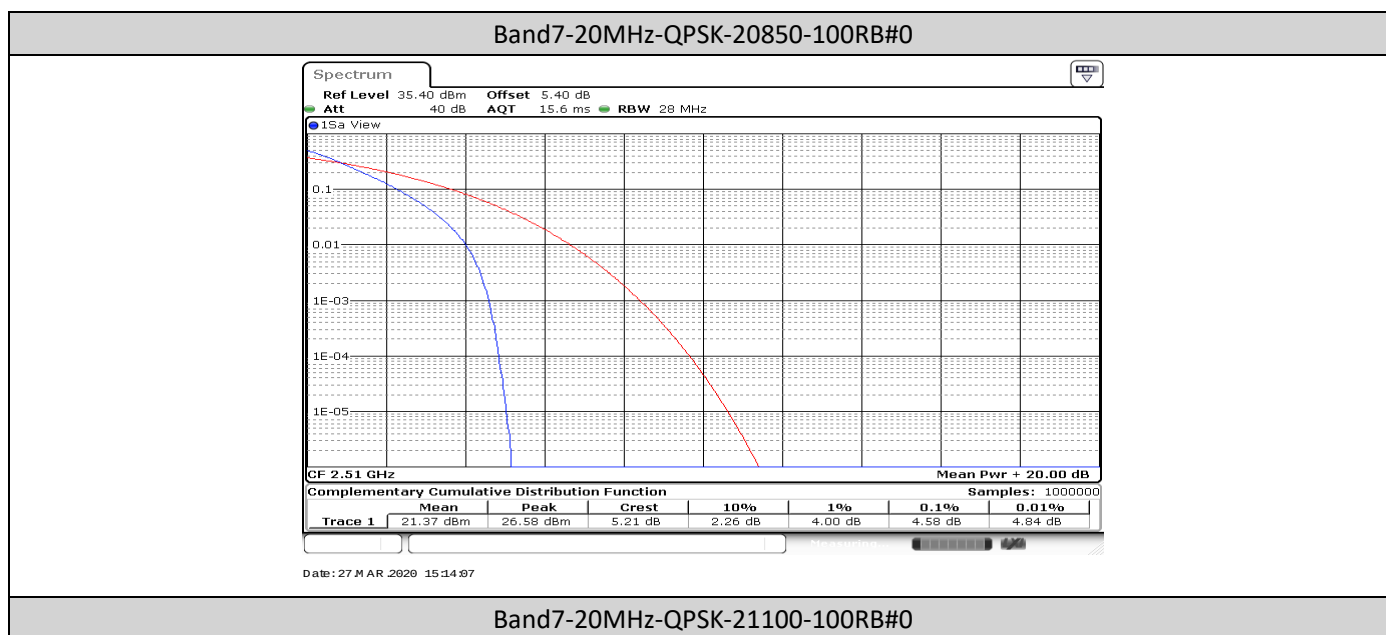


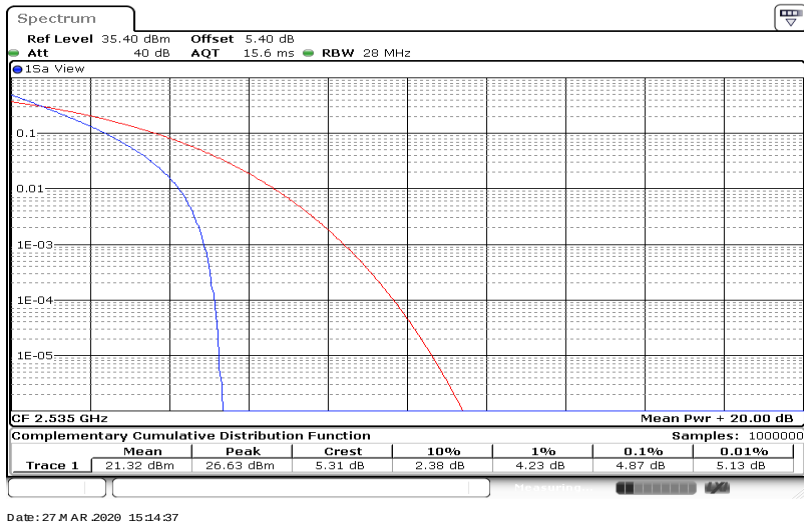
## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

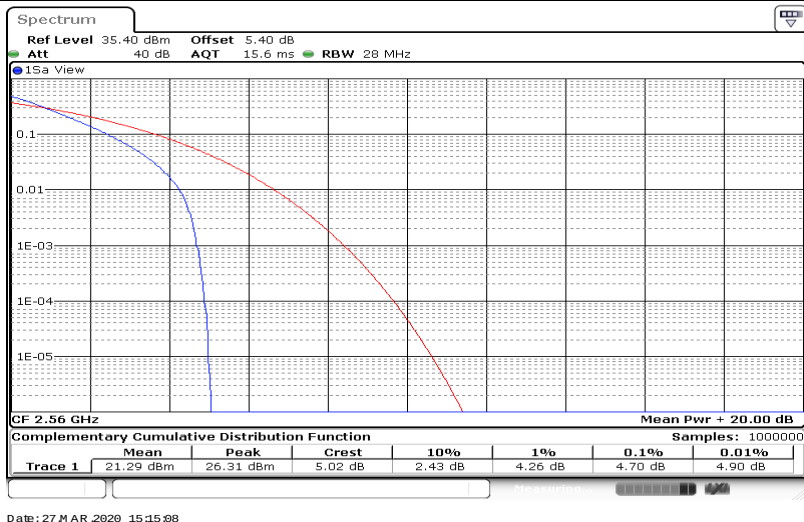
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 4.58       | 13.00     | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 4.87       | 13.00     | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 4.70       | 13.00     | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 100RB#0          | 6.14       | 13.00     | PASS    |
| Band7 | 20MHz     | 64QAM      | 21100   | 100RB#0          | 6.43       | 13.00     | PASS    |
| Band7 | 20MHz     | 64QAM      | 21350   | 100RB#0          | 6.64       | 13.00     | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0          | 5.45       | 13.00     | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0          | 5.77       | 13.00     | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0          | 5.59       | 13.00     | PASS    |

### 2.2. Test Plots





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



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



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



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

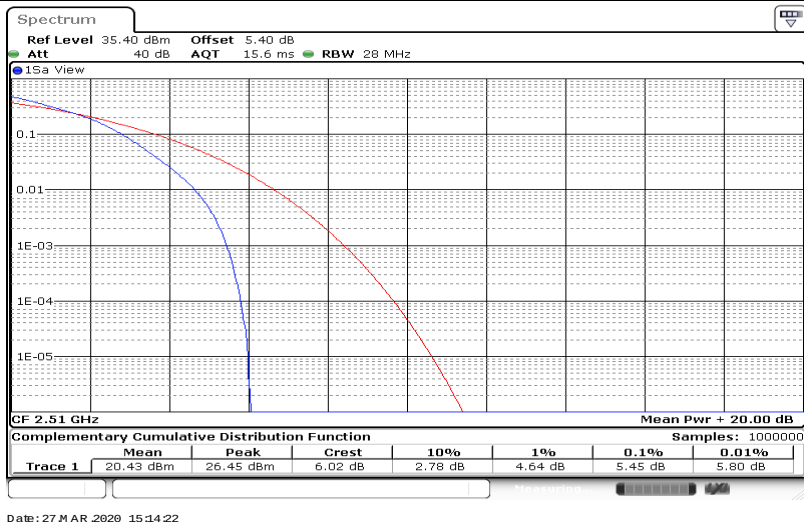


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Band7-20MHz-16QAM-20850-100RB#0

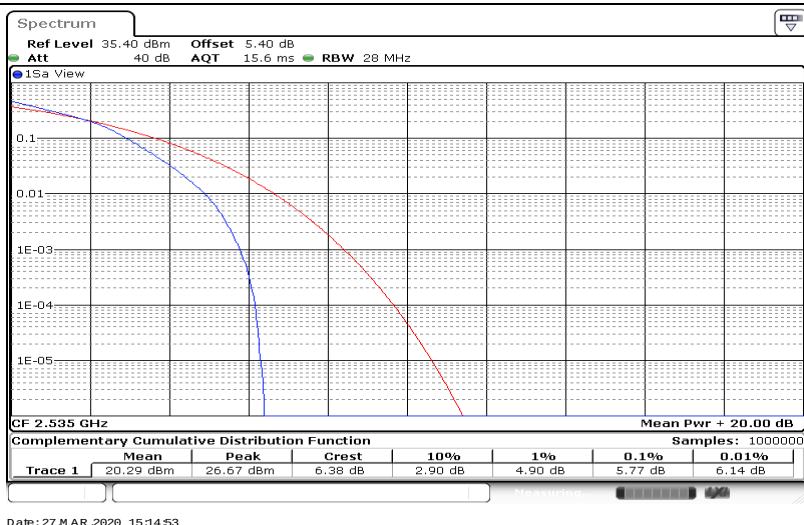


Band7-20MHz-16QAM-21100-100RB#0

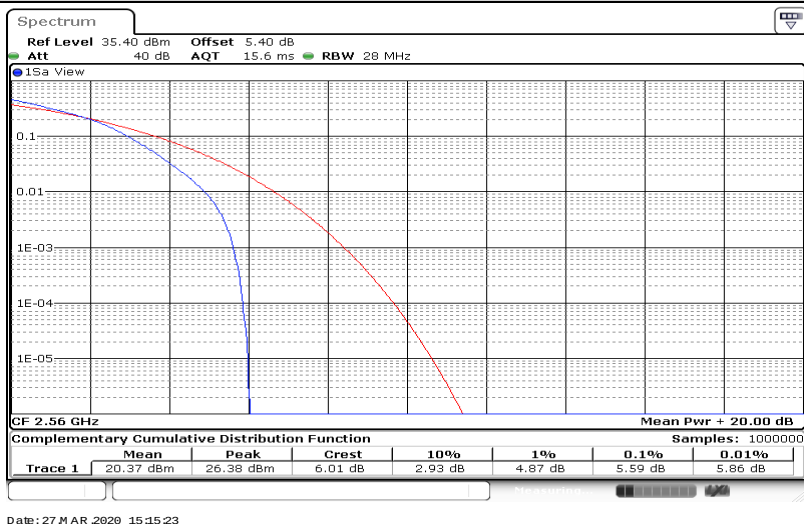


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Band7-20MHz-16QAM-21350-100RB#0



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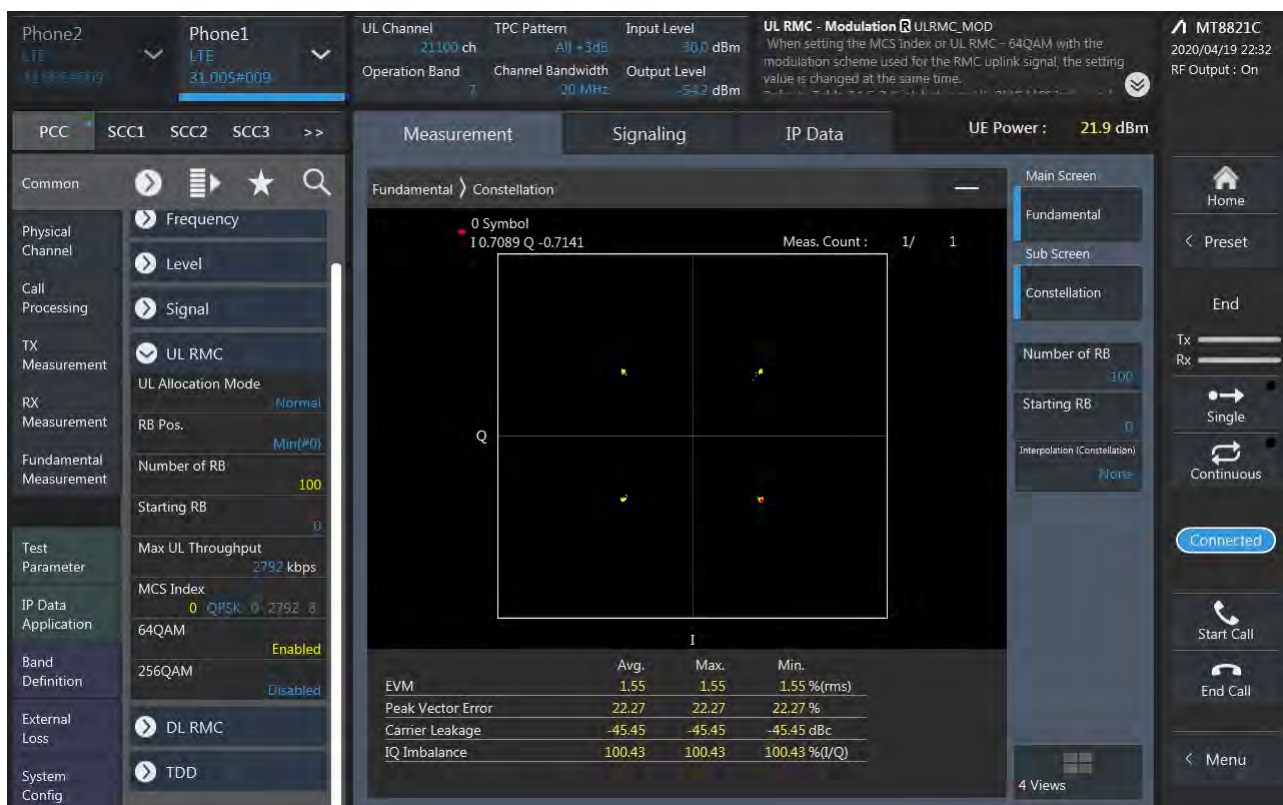


### 3. Modulation Characteristics

#### 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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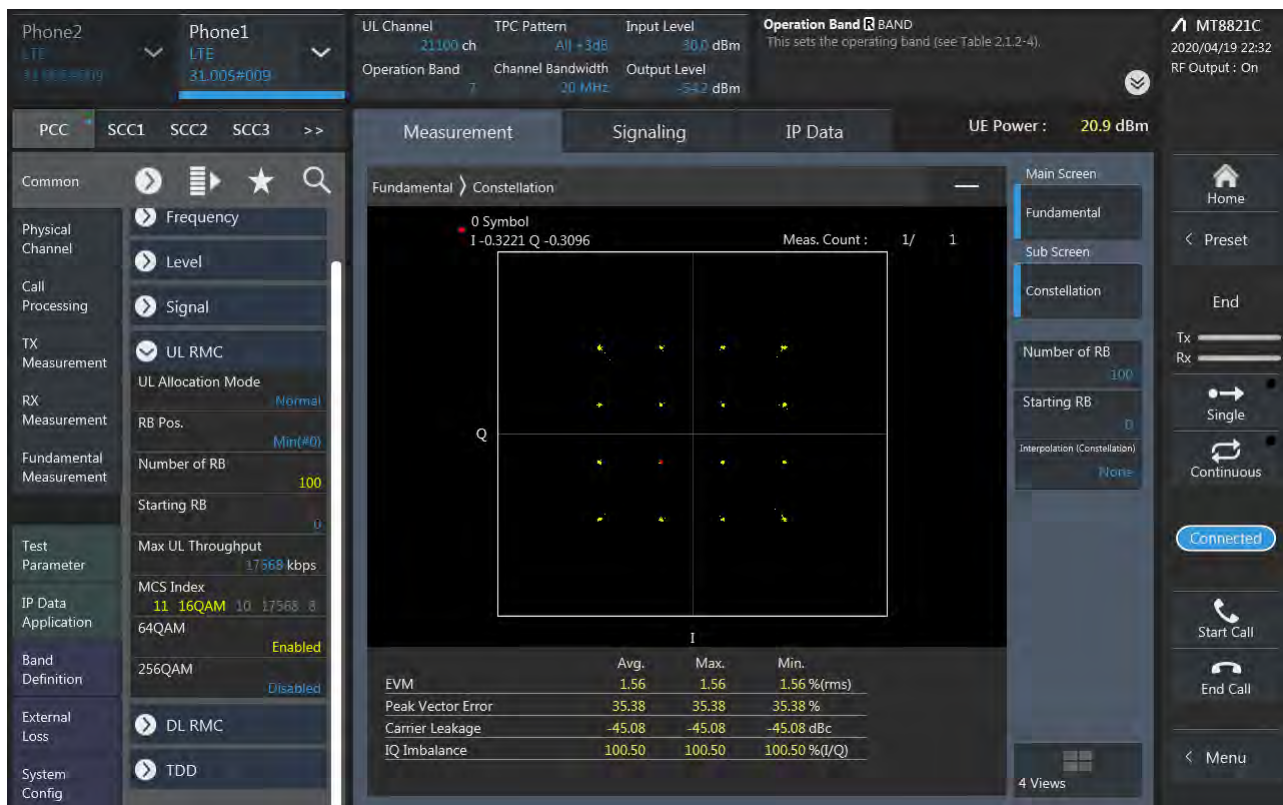
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### 3.1.2. Test Mode = LTE /TM2 20MHz

#### 3.1.2.1. Test Channel = MCH



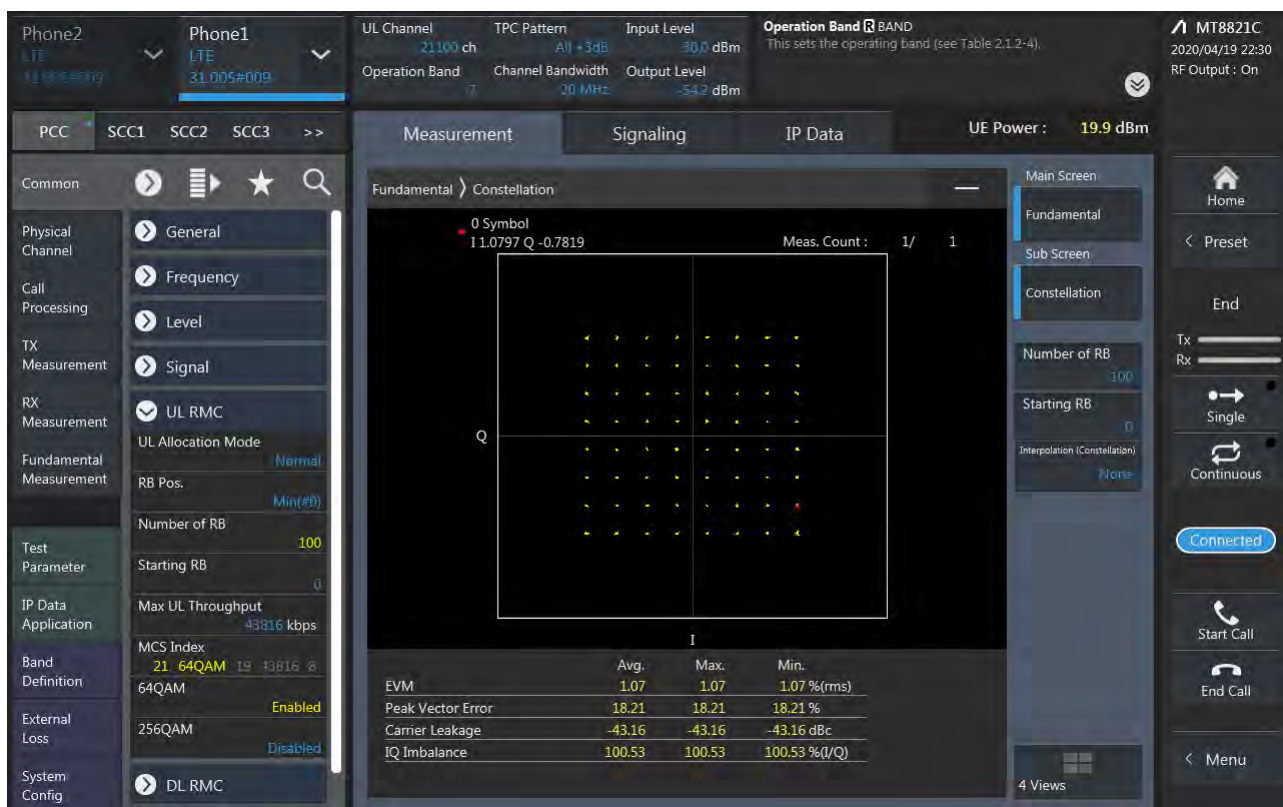
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### 3.1.3. Test Mode = LTE /TM3 20MHz

#### 3.1.3.1. Test Channel = MCH





## 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                    | 4.900                | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.476                    | 4.870                | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 25RB#0           | 4.466                    | 4.870                | PASS    |
| Band7 | 5MHz      | 64QAM      | 21100   | 25RB#0           | 4.466                    | 4.870                | PASS    |
| Band7 | 5MHz      | 64QAM      | 21425   | 25RB#0           | 4.476                    | 4.880                | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.486                    | 4.920                | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.496                    | 4.910                | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 8.911                    | 9.700                | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 8.911                    | 9.660                | PASS    |
| Band7 | 10MHz     | 64QAM      | 20800   | 50RB#0           | 8.911                    | 9.640                | PASS    |
| Band7 | 10MHz     | 64QAM      | 21100   | 50RB#0           | 8.911                    | 9.620                | PASS    |
| Band7 | 10MHz     | 64QAM      | 21400   | 50RB#0           | 8.931                    | 9.620                | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 8.931                    | 9.720                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 8.911                    | 9.720                | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 8.931                    | 9.700                | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.427                   | 14.790               | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.457                   | 14.790               | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.457                   | 14.670               | PASS    |
| Band7 | 15MHz     | 64QAM      | 20825   | 75RB#0           | 13.427                   | 14.850               | PASS    |
| Band7 | 15MHz     | 64QAM      | 21100   | 75RB#0           | 13.427                   | 14.880               | PASS    |
| Band7 | 15MHz     | 64QAM      | 21375   | 75RB#0           | 13.427                   | 14.700               | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 13.427                   | 14.760               | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 13.457                   | 14.790               | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 13.427                   | 14.730               | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 17.902                   | 19.400               | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.862                   | 19.480               | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 17.862                   | 19.400               | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 100RB#0          | 17.862                   | 19.480               | PASS    |



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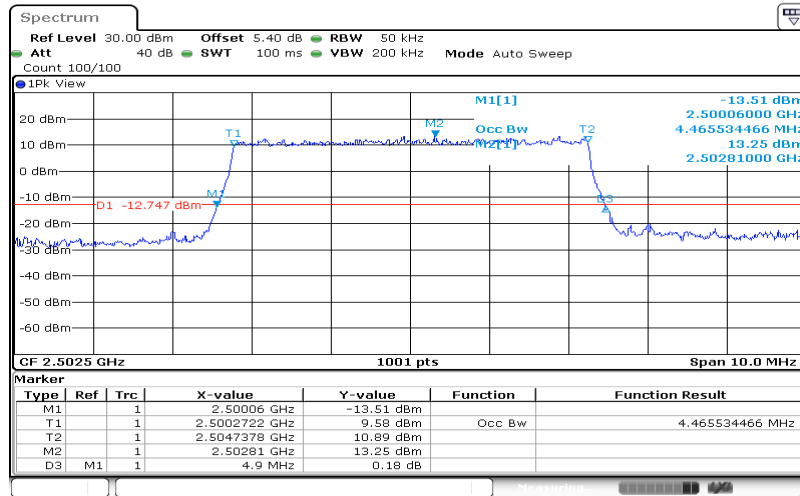
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|       |       |       |       |         |        |        |      |
|-------|-------|-------|-------|---------|--------|--------|------|
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 17.822 | 19.320 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.862 | 19.200 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.862 | 19.360 | PASS |

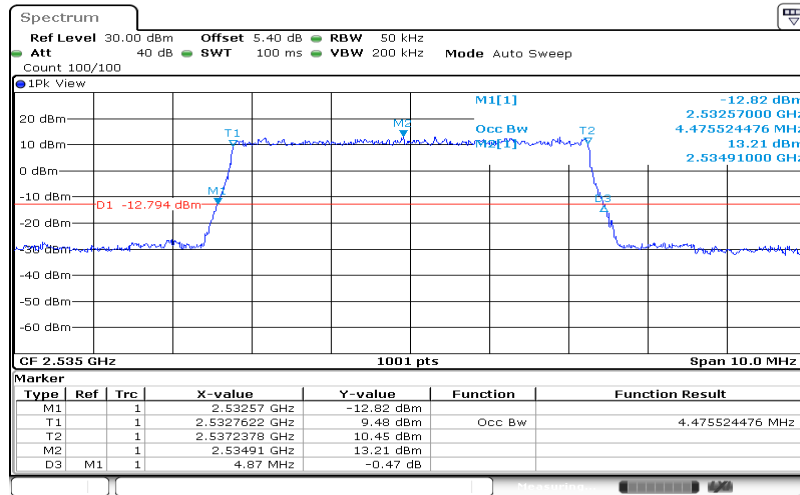
## 4.2. Test Plots

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



Date: 27 MAR 2020 15:32:42

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



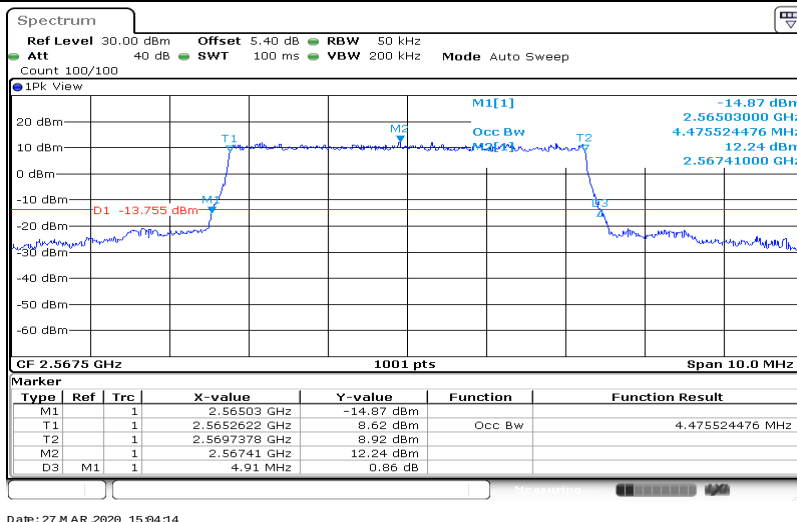
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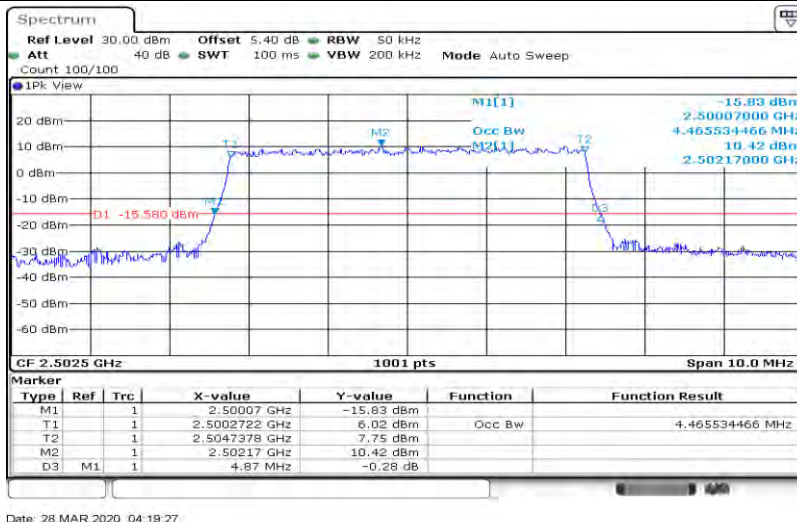


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Band7-5MHz-64QAM-20775-25RB#0-4.466

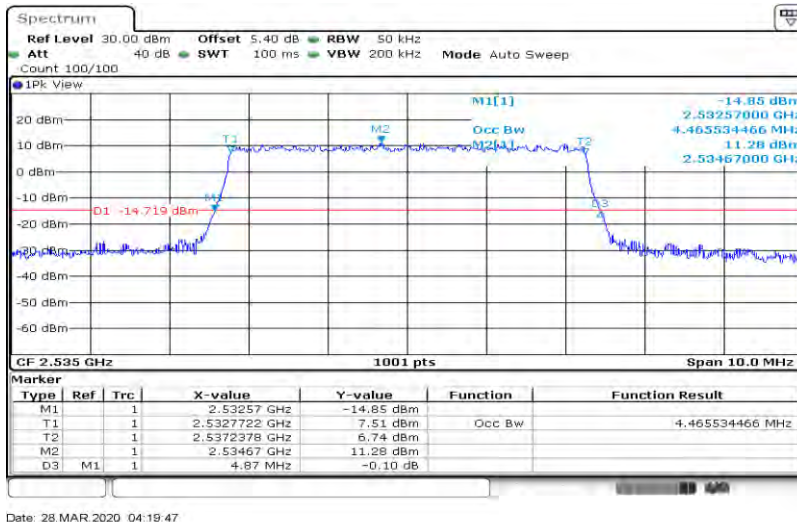


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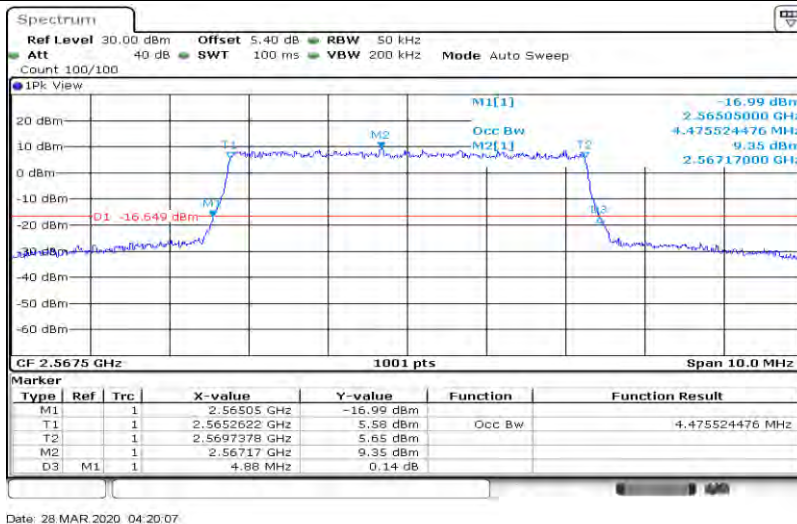


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Band7-5MHz-64QAM-21425-25RB#0-4.476

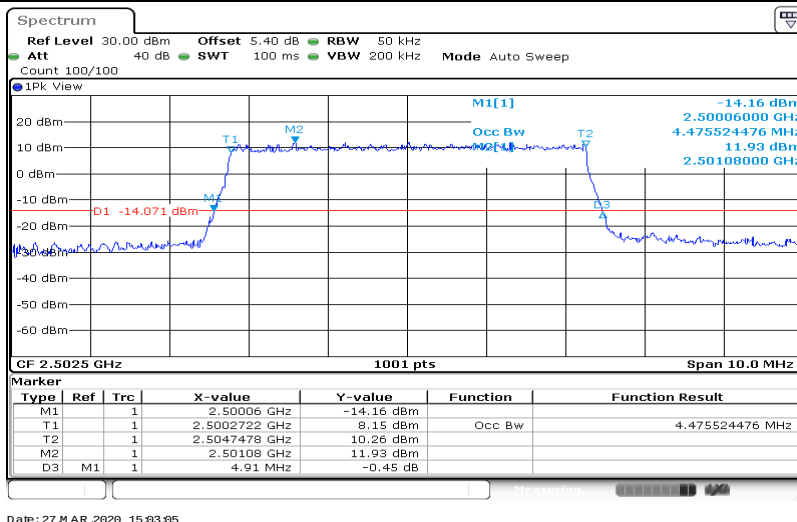


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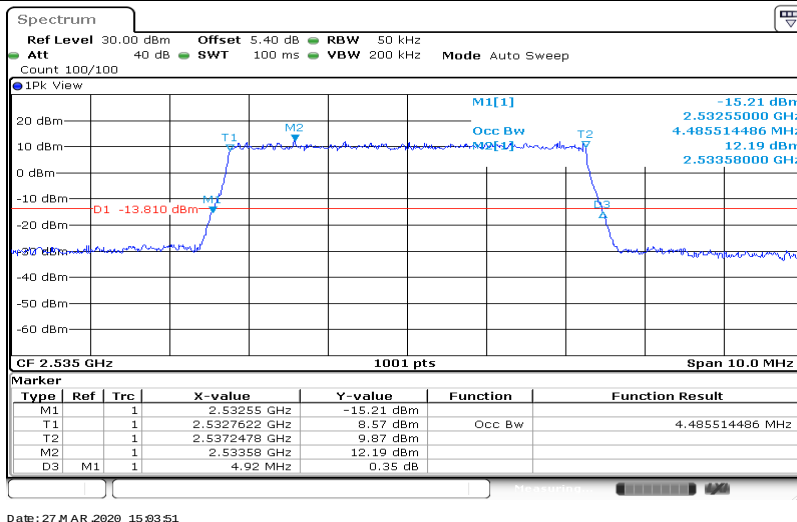


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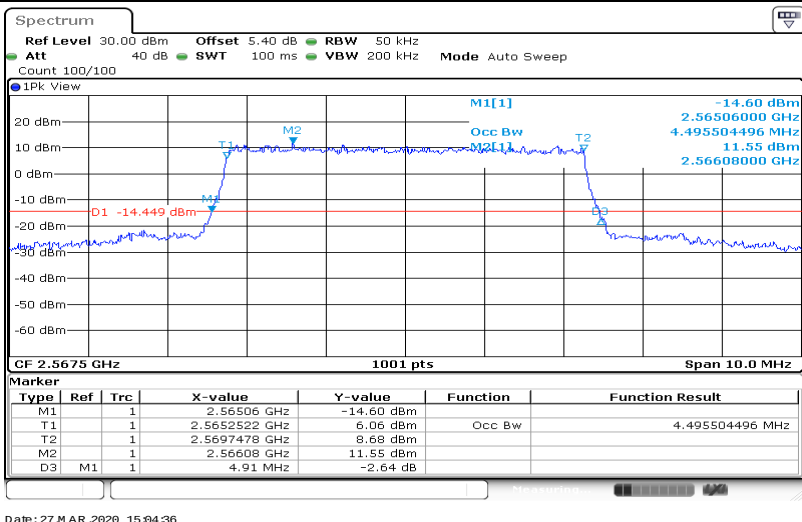


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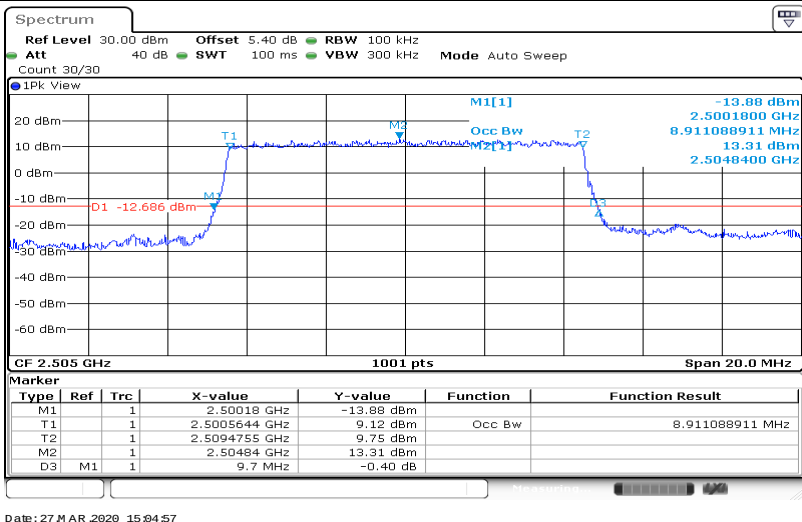


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Band7-10MHz-QPSK-20800-50RB#0-8.911

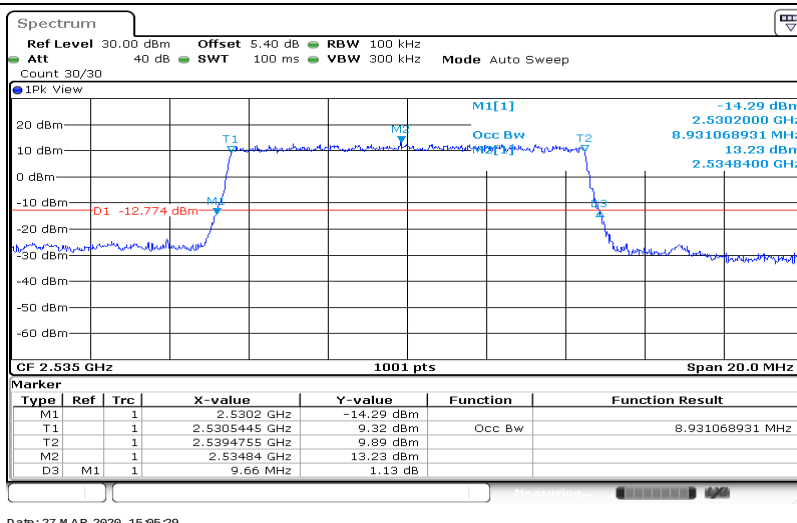


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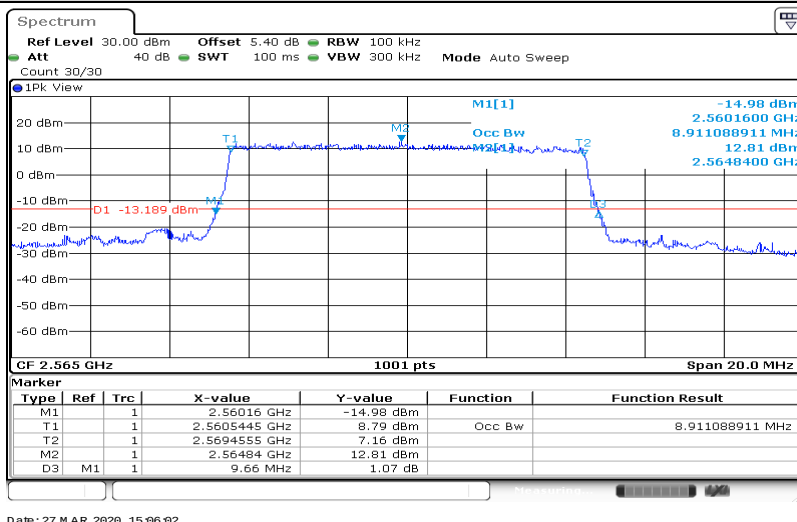


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Band7-10MHz-QPSK-21400-50RB#0-8.911

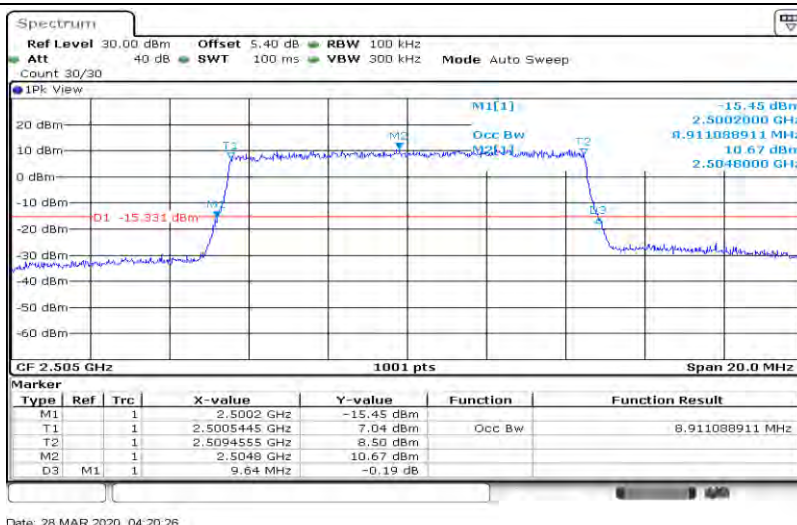


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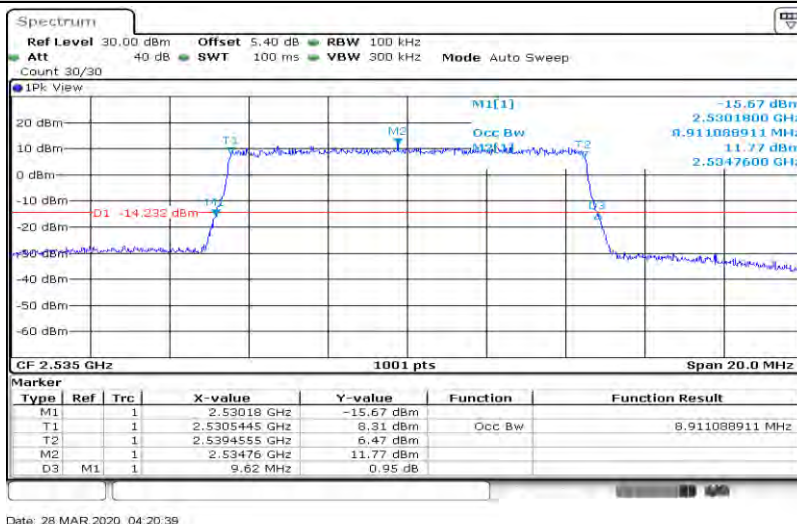


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Band7-10MHz-64QAM-21100-50RB#0-8.911

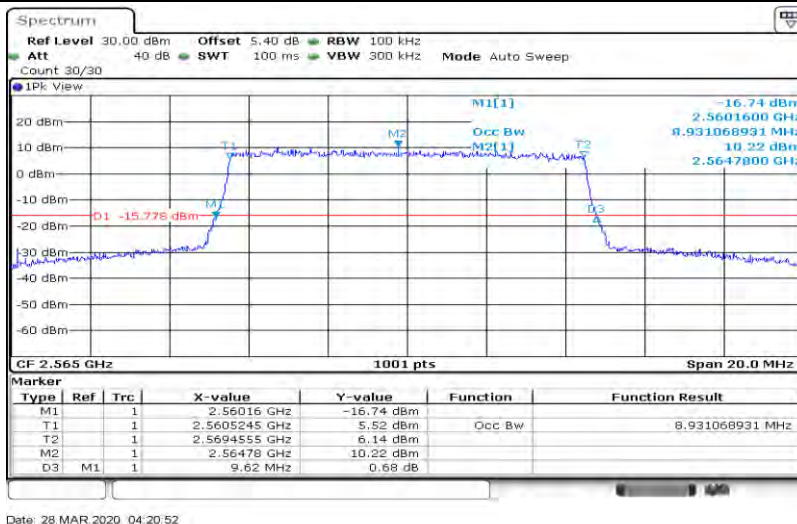


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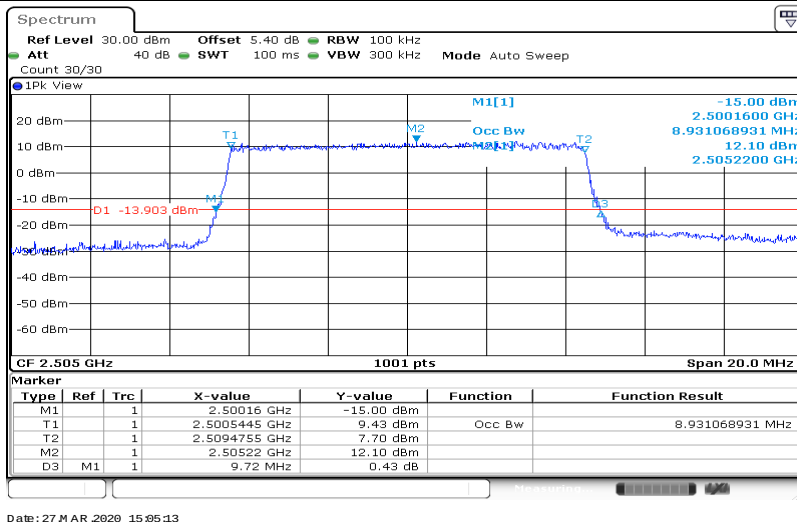


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Band7-10MHz-16QAM-20800-50RB#0-8.931

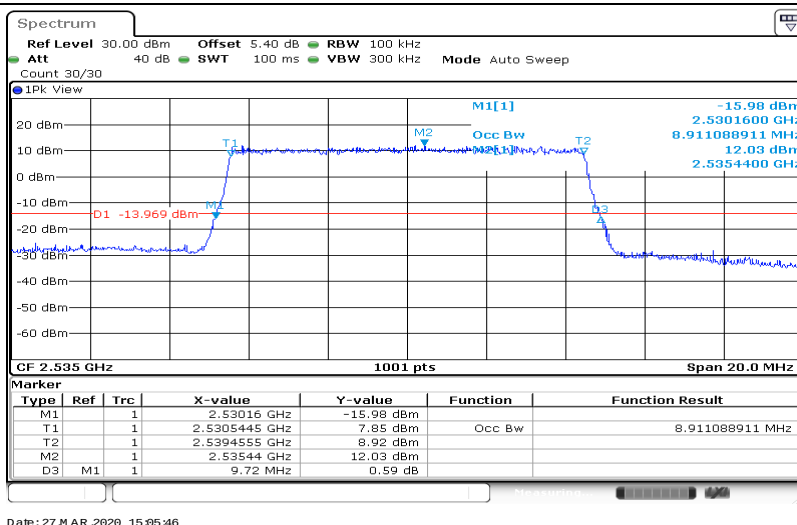


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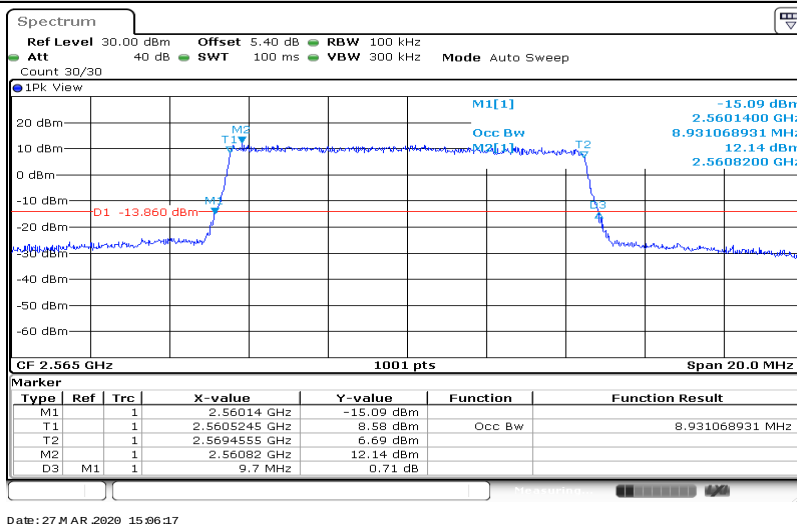


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Band7-10MHz-16QAM-21400-50RB#0-8.931

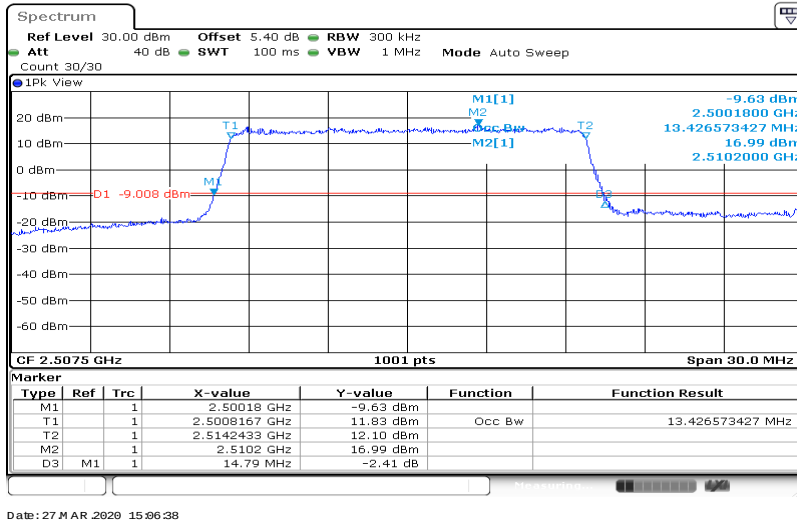


Band7-15MHz-QPSK-20825-75RB#0-13.427

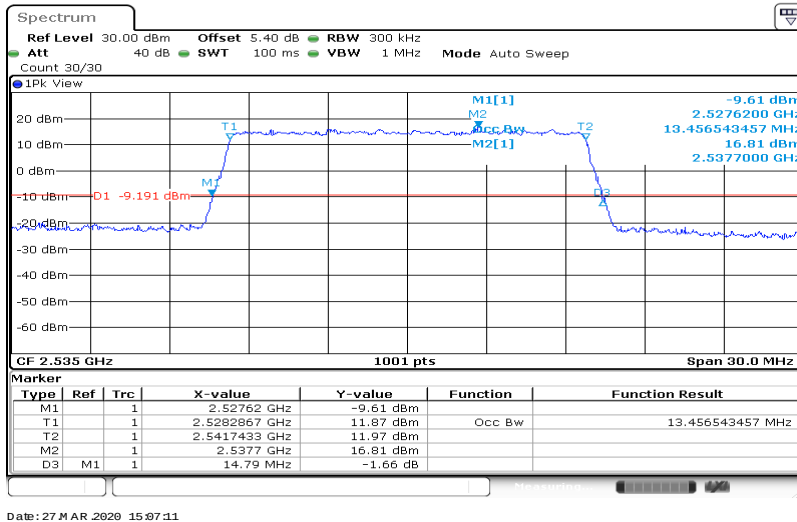


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Band7-15MHz-QPSK-21100-75RB#0-13.457

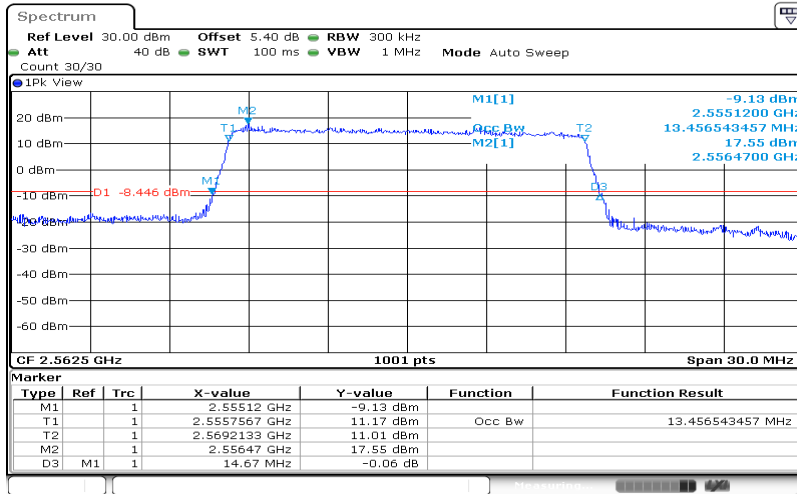


Band7-15MHz-QPSK-21375-75RB#0-13.457



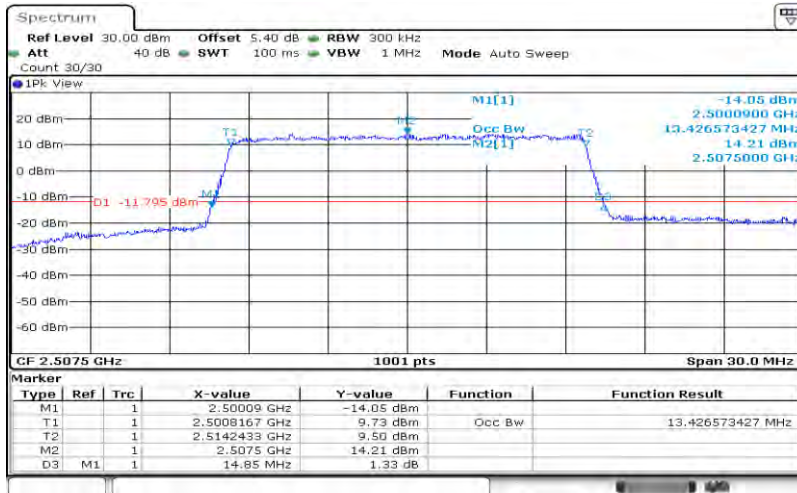
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Date: 27 MAR 2020 15:07:43

Band7-15MHz-64QAM-20825-75RB#0-13.427



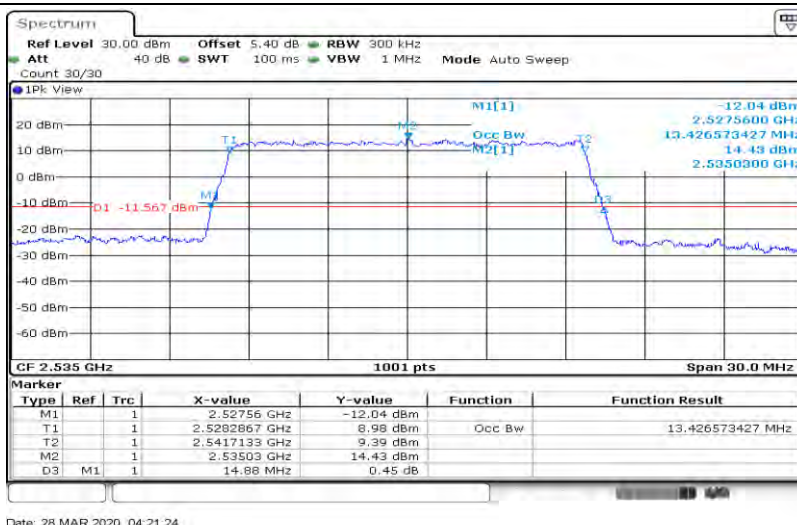
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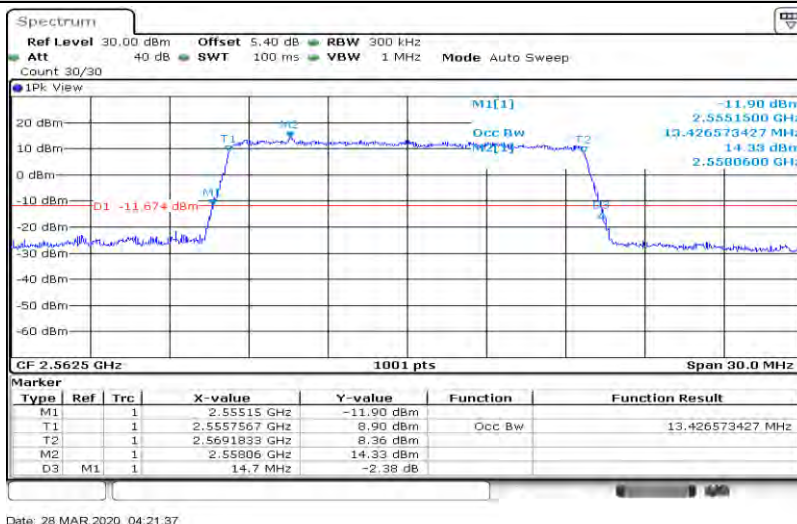


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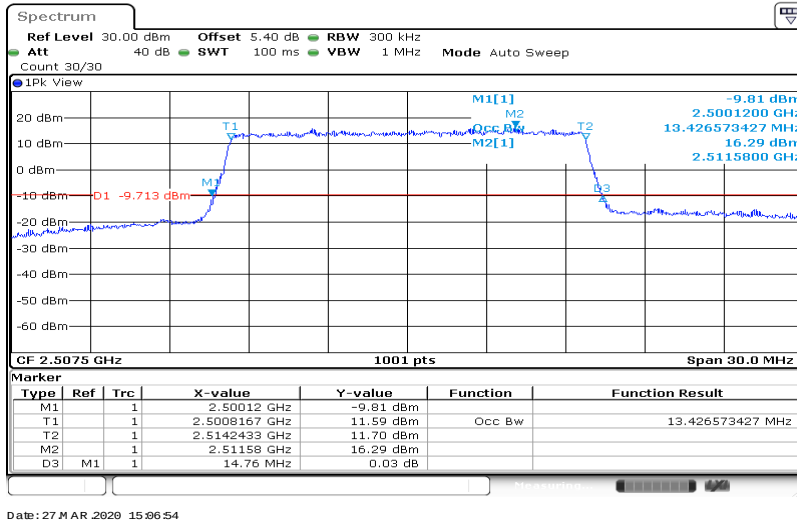


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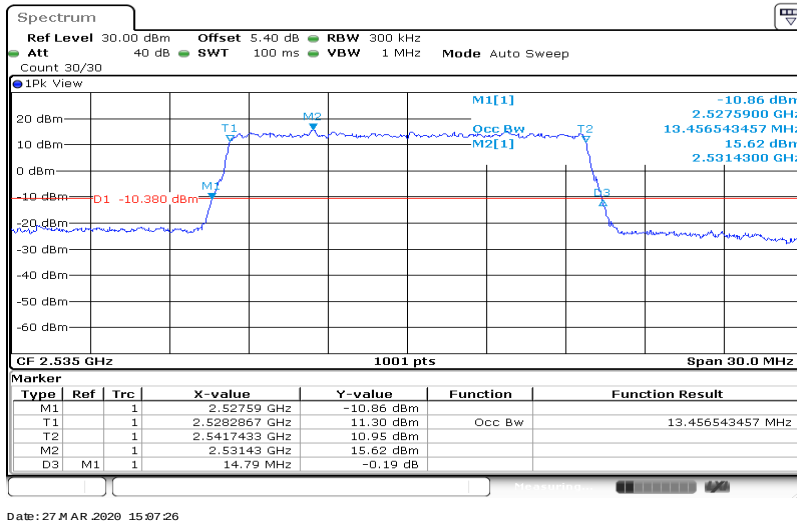


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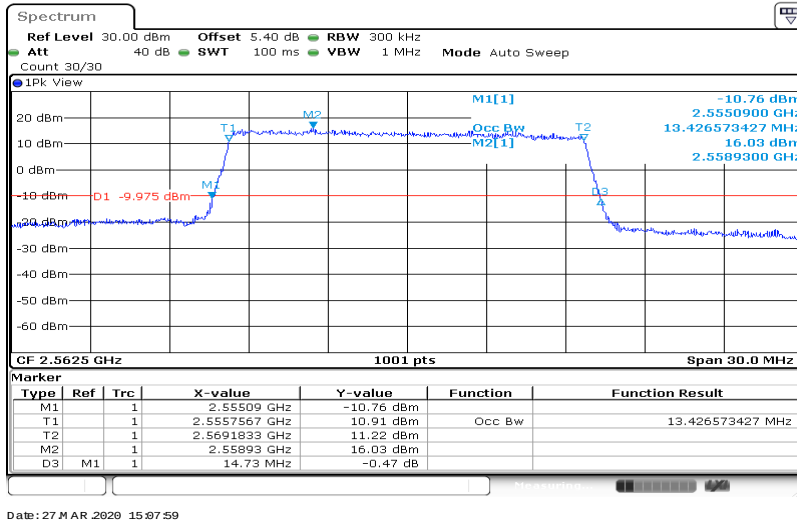


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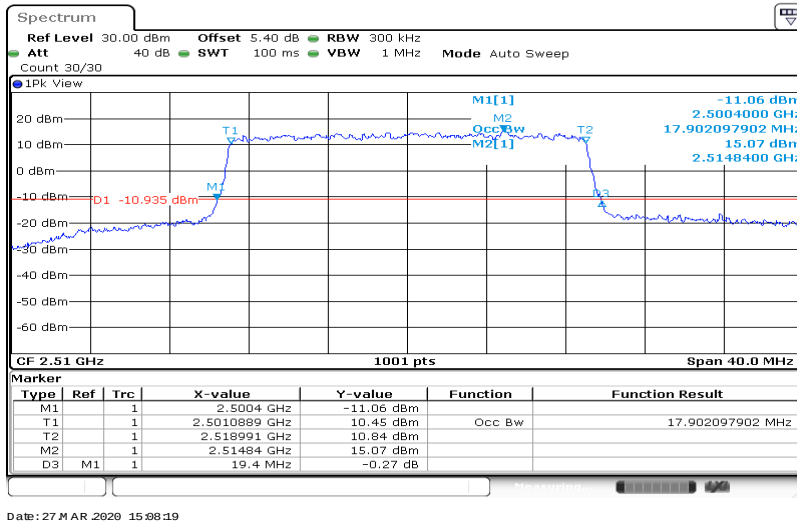


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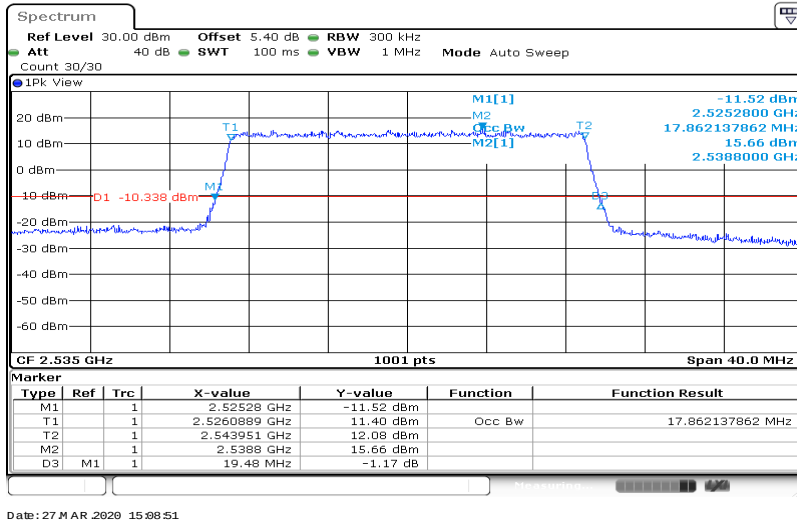


Band7-20MHz-QPSK-20850-100RB#0-17.902

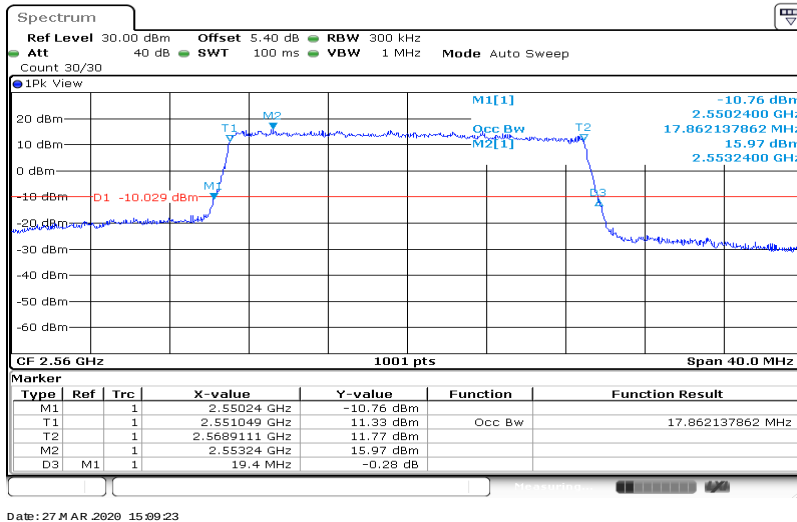


Band7-20MHz-QPSK-21100-100RB#0-17.862





Band7-20MHz-QPSK-21350-100RB#0-17.862



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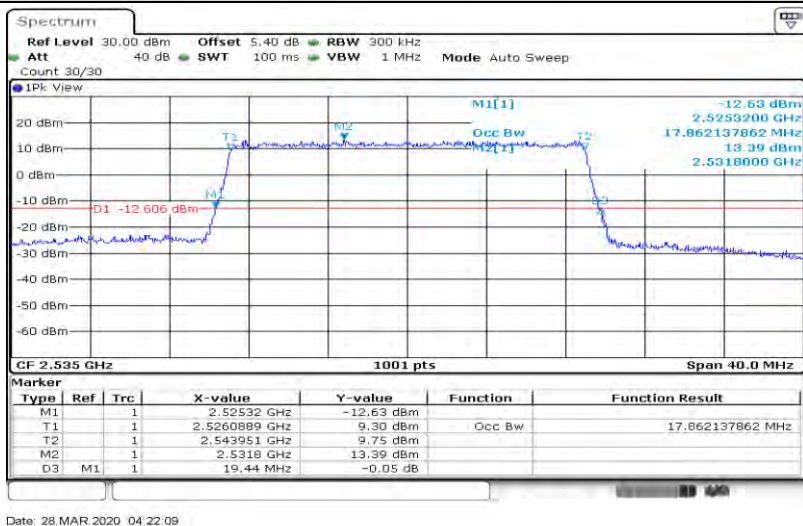


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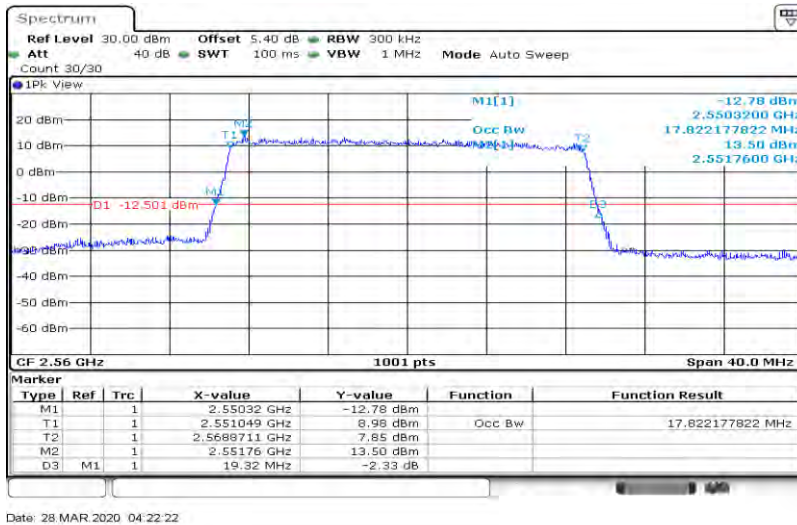


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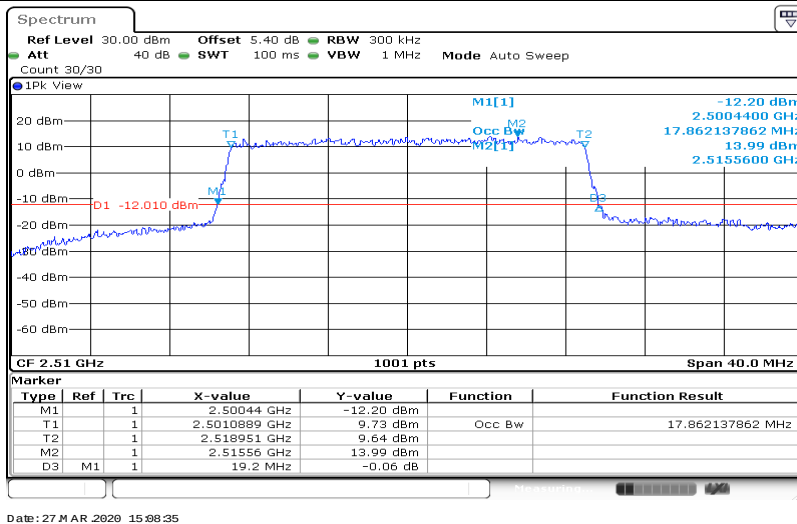


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Band7-20MHz-16QAM-20850-100RB#0-17.862

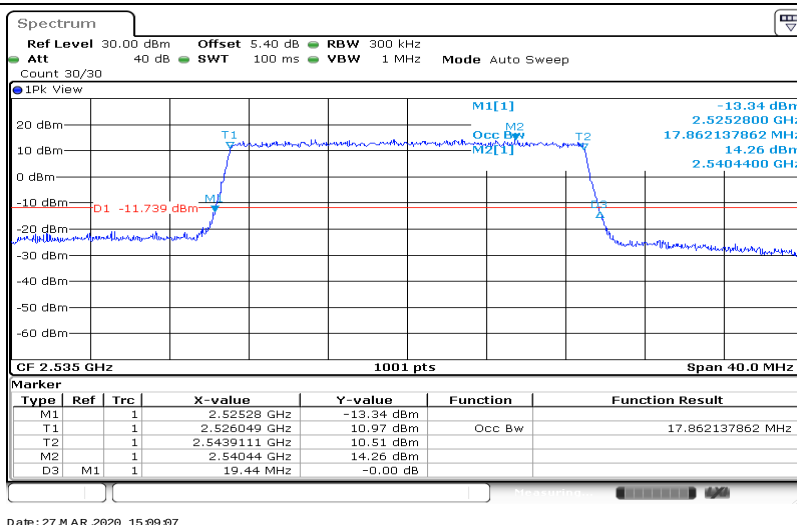


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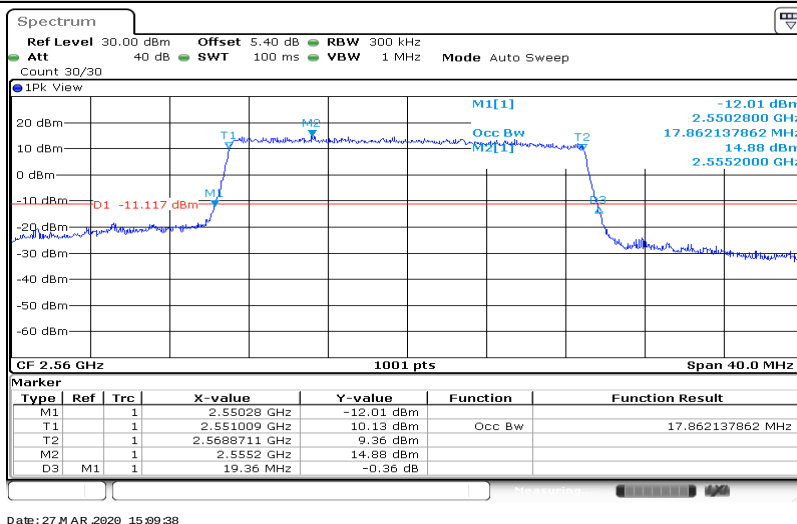


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Band7-20MHz-16QAM-21350-100RB#0-17.862



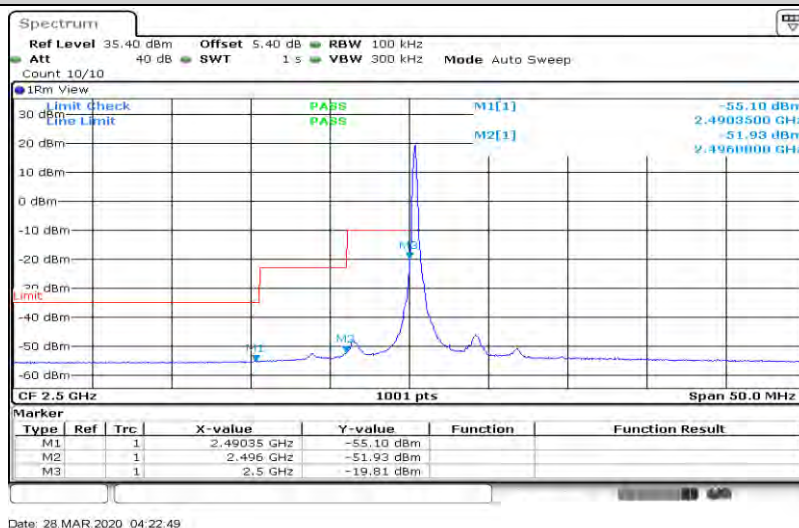
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## 5. Band Edge Compliance

### 5.1. Test Plots

Band7-5MHz-QPSK-20775-1RB#0

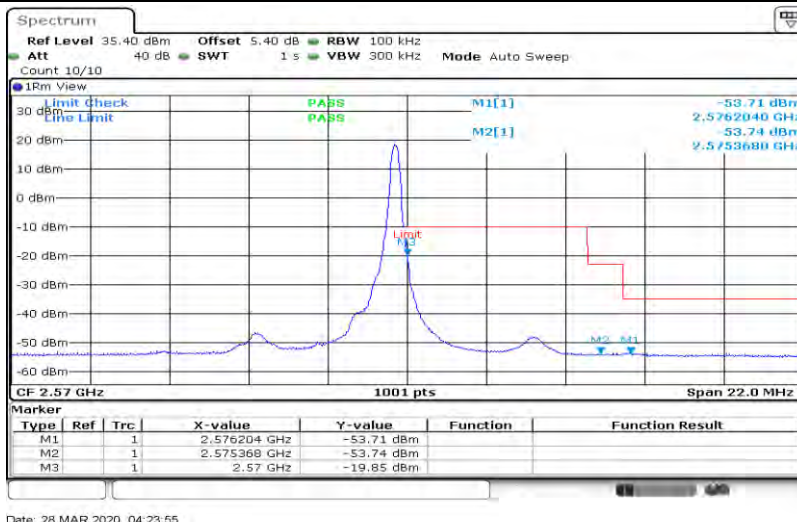


Band7-5MHz-QPSK-20775-25RB#0

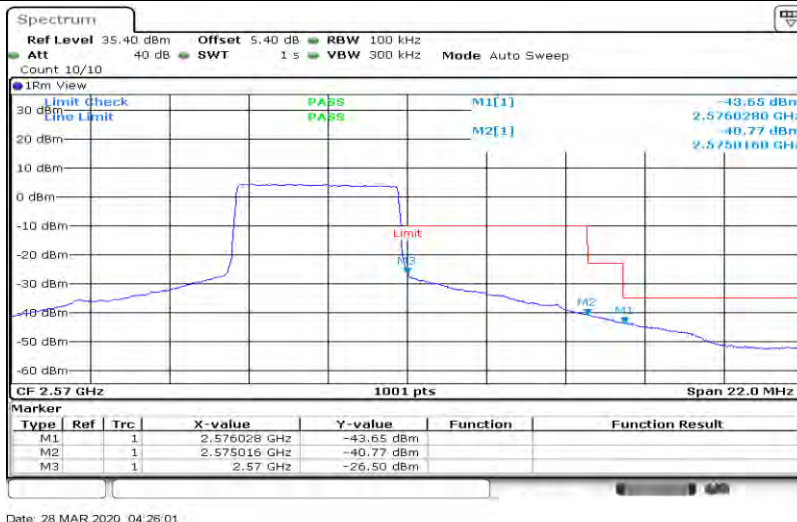


Band7-5MHz-QPSK-21425-1RB#24





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

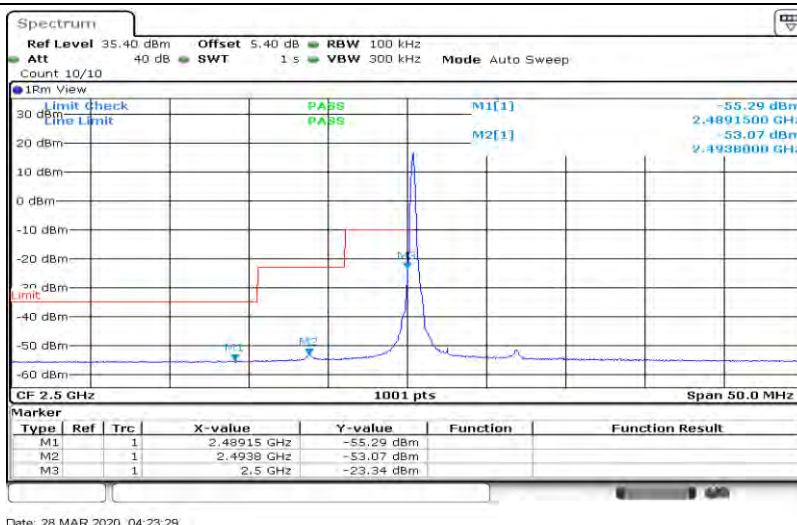


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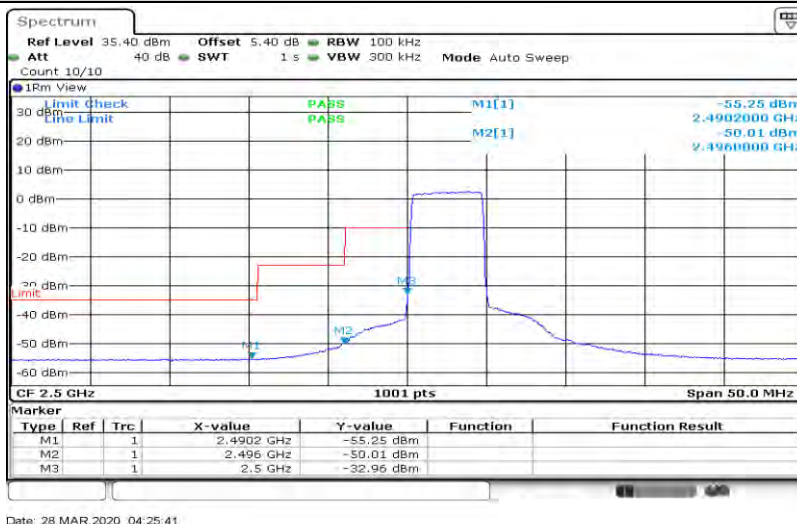
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Date: 28.MAR.2020 04:23:29

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



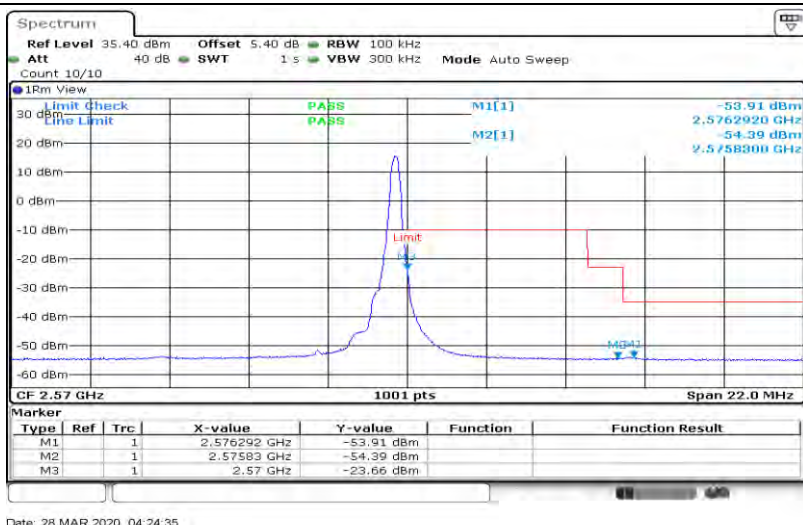
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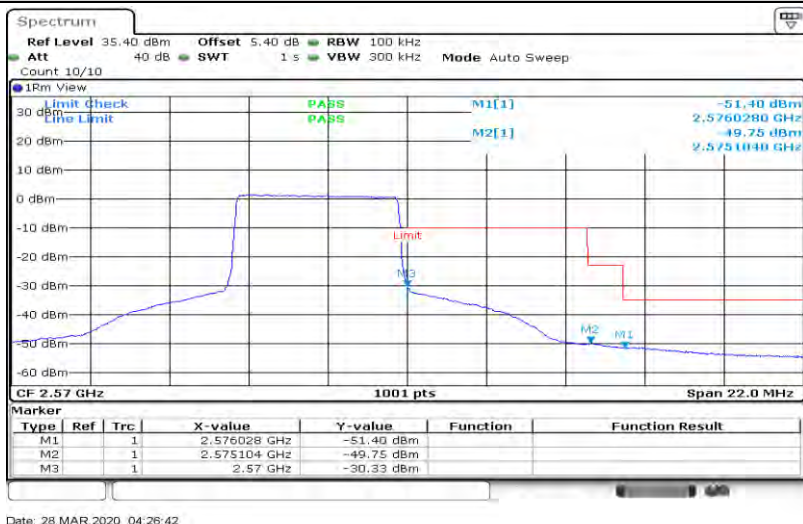


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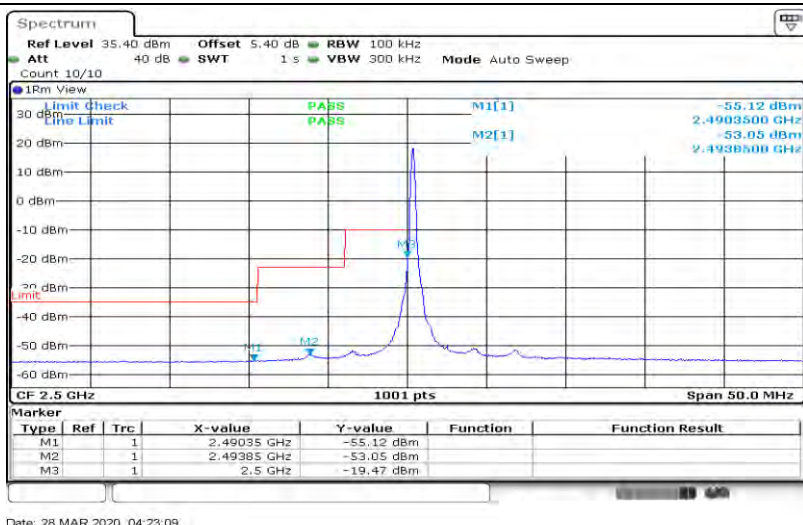


Band7-5MHz-16QAM-20775-1RB#0

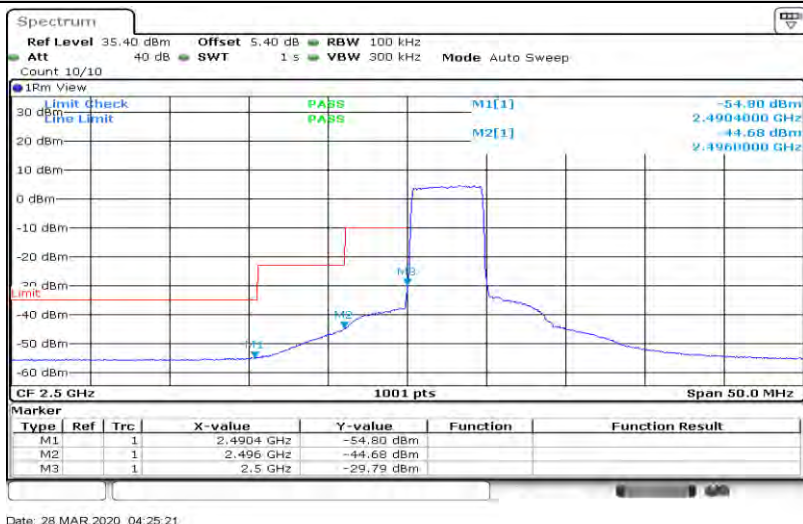


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Band7-5MHz-16QAM-20775-25RB#0

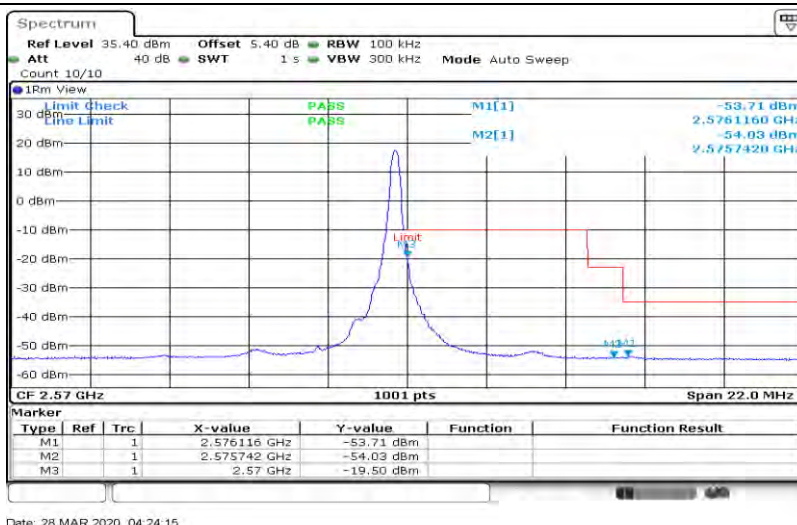


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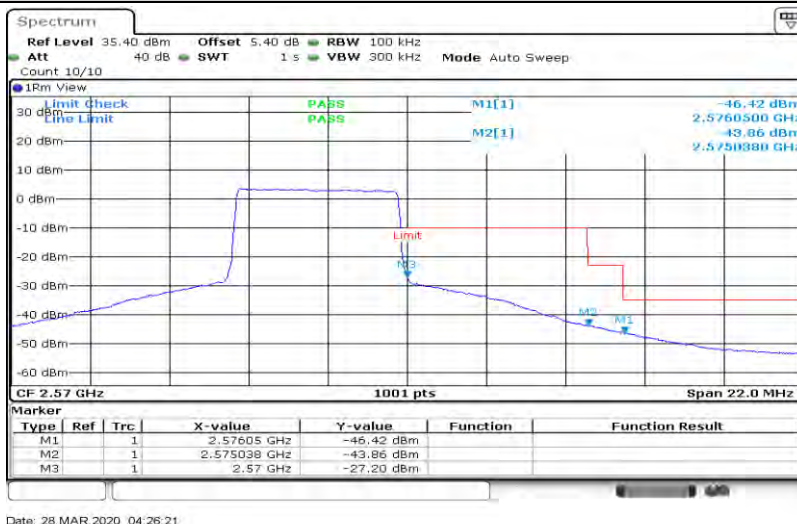


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Band7-5MHz-16QAM-21425-25RB#0

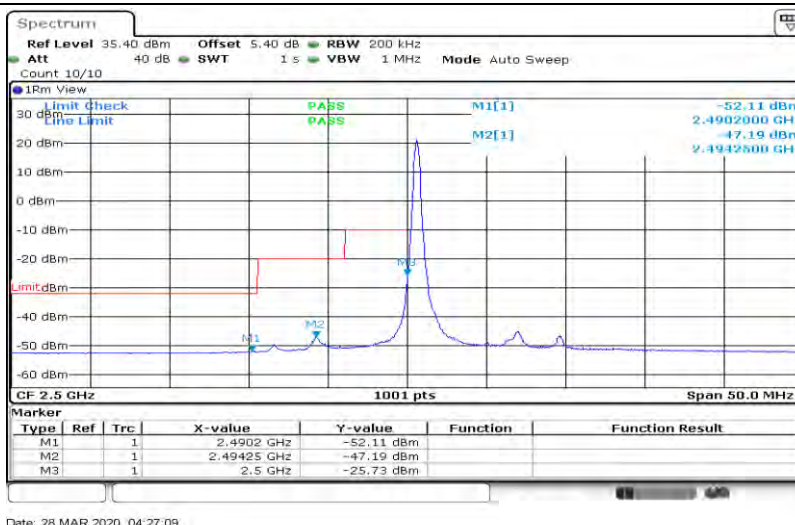


Band7-10MHz-QPSK-20800-1RB#0



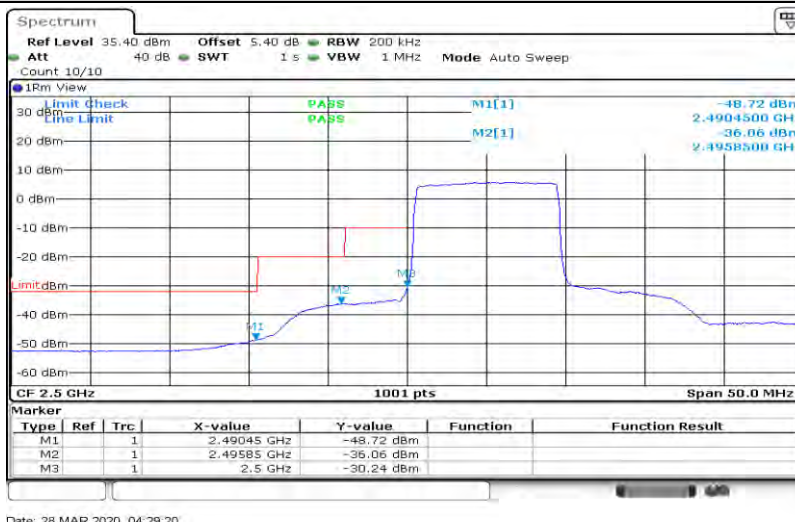
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Date: 28.MAR.2020 04:27:09

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



Date: 28.MAR.2020 04:29:20

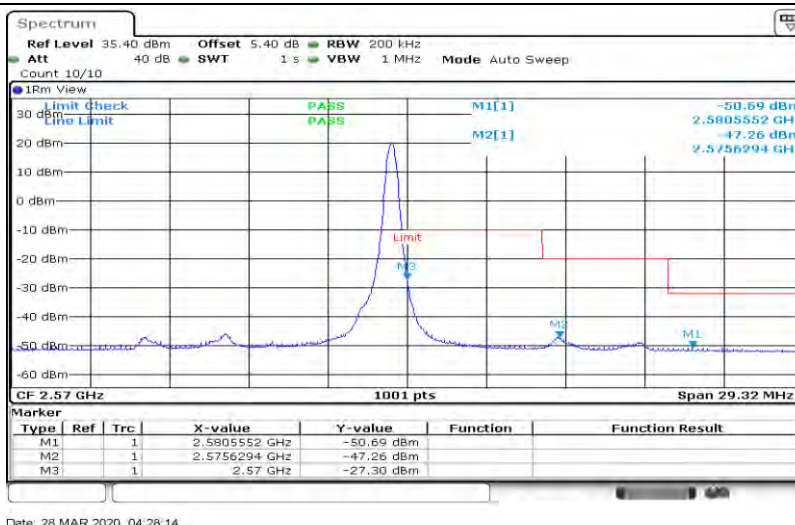
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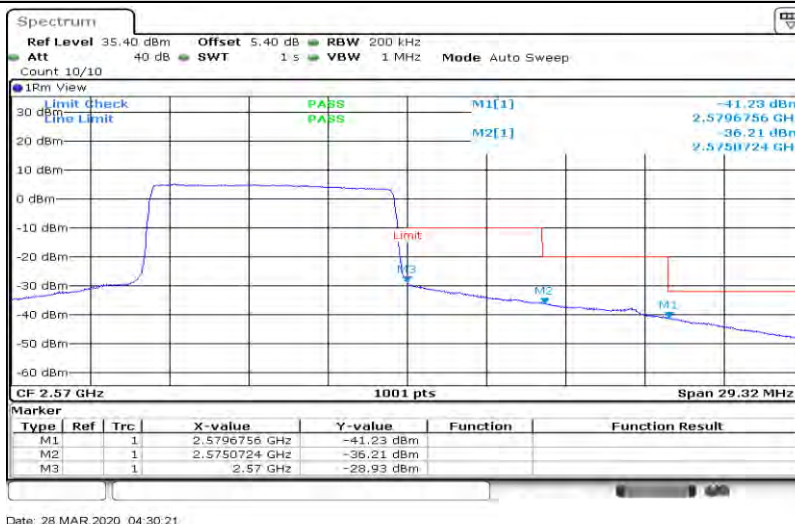
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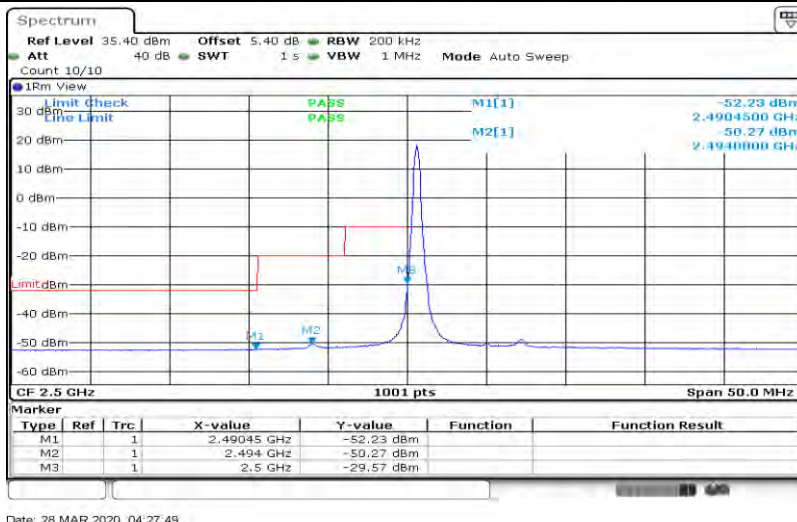


Band7-10MHz-64QAM-20800-1RB#0

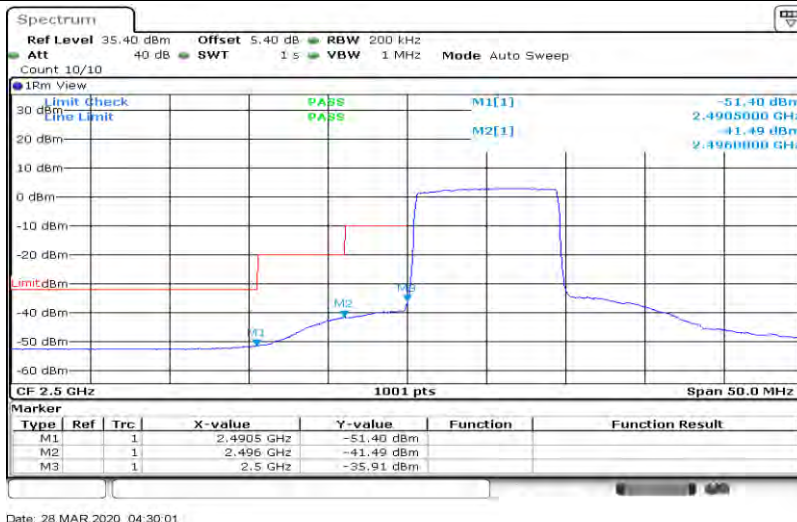


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Band7-10MHz-64QAM-20800-50RB#0

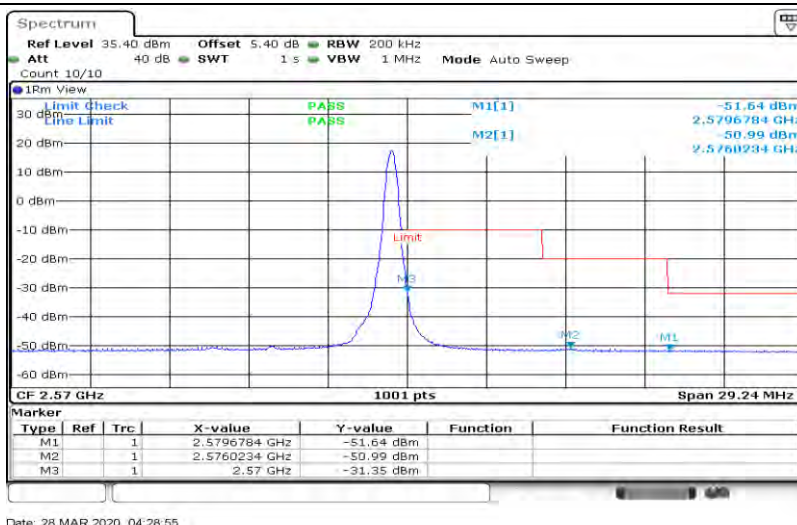


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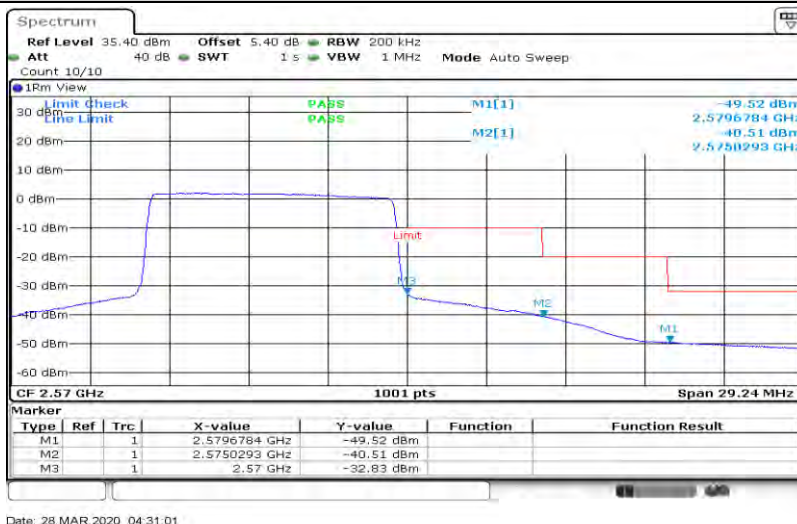


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Band7-10MHz-64QAM-21400-50RB#0

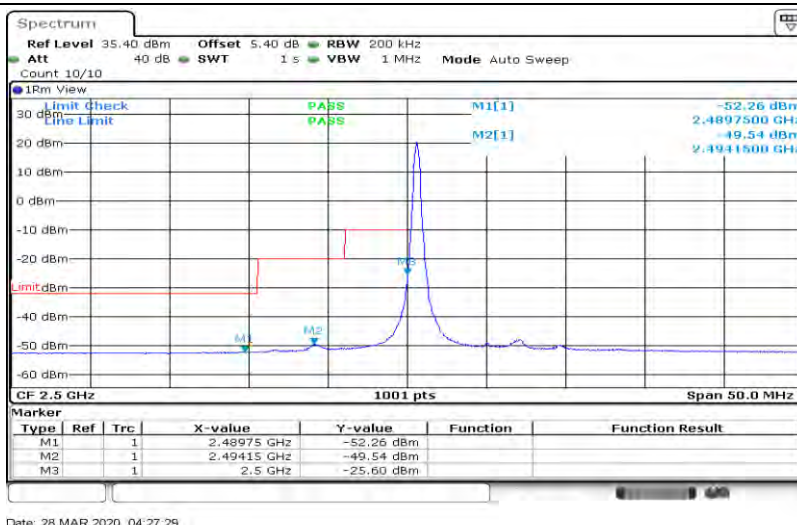


Band7-10MHz-16QAM-20800-1RB#0



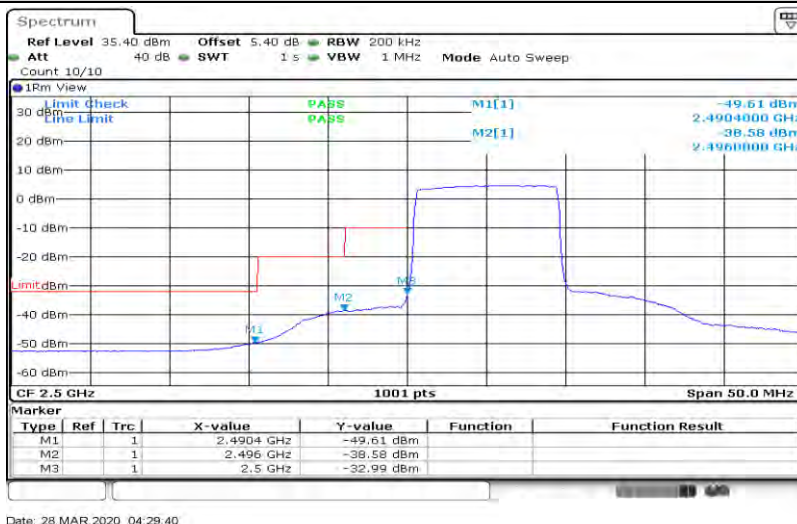
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Date: 28.MAR.2020 04:27:29

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



Date: 28.MAR.2020 04:29:40

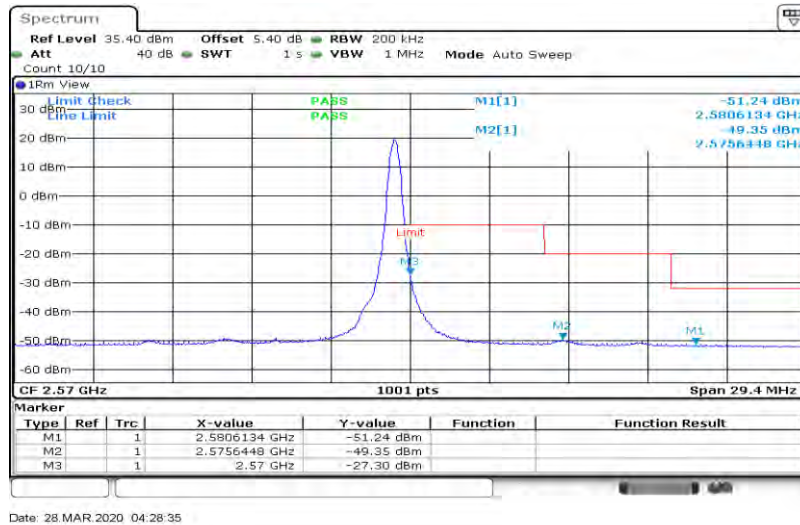
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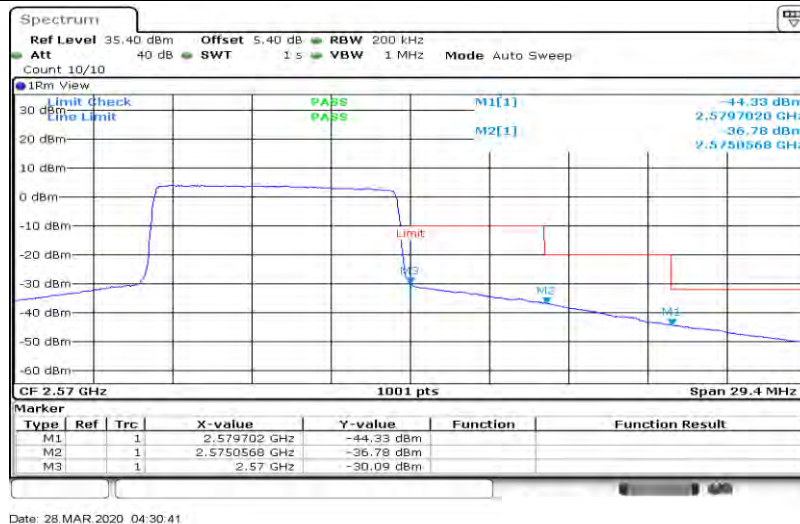
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Band7-10MHz-16QAM-21400-50RB#0

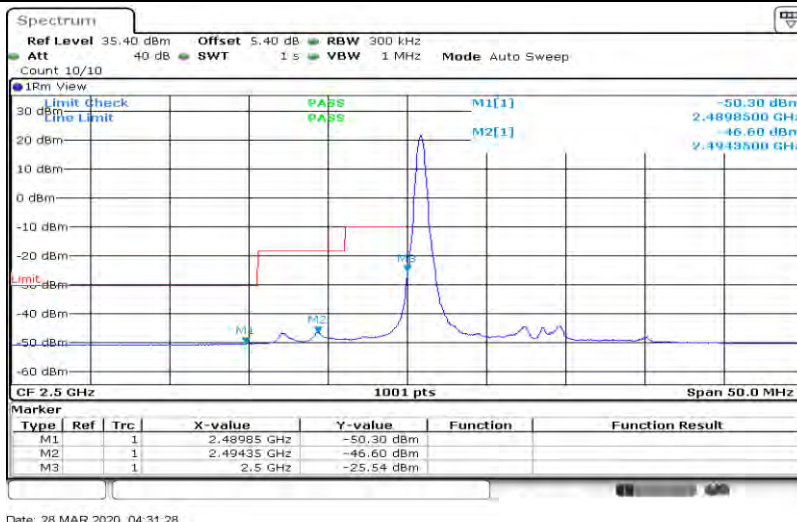


Band7-15MHz-QPSK-20825-1RB#0



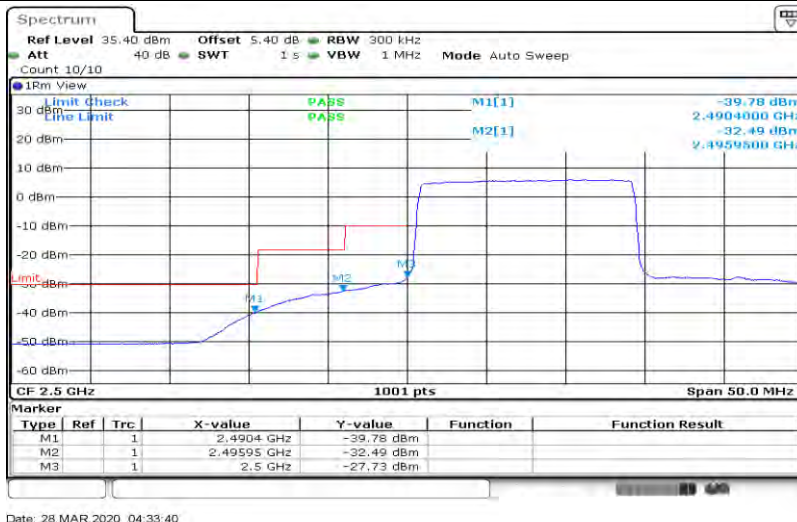
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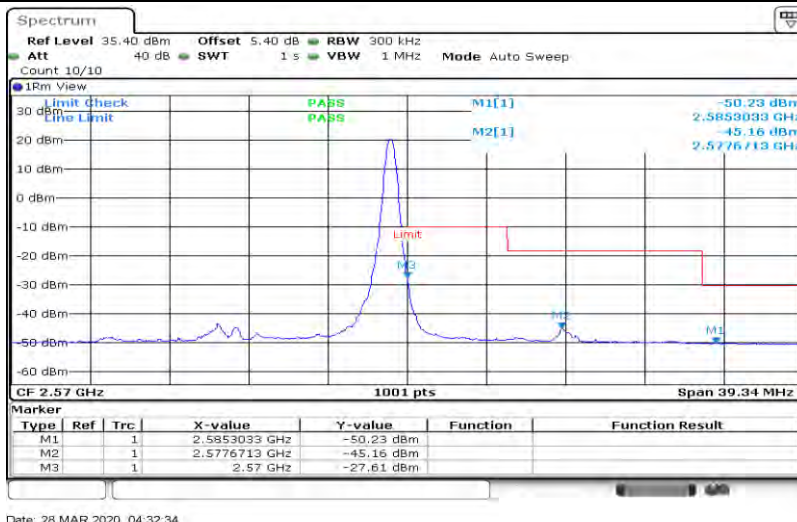
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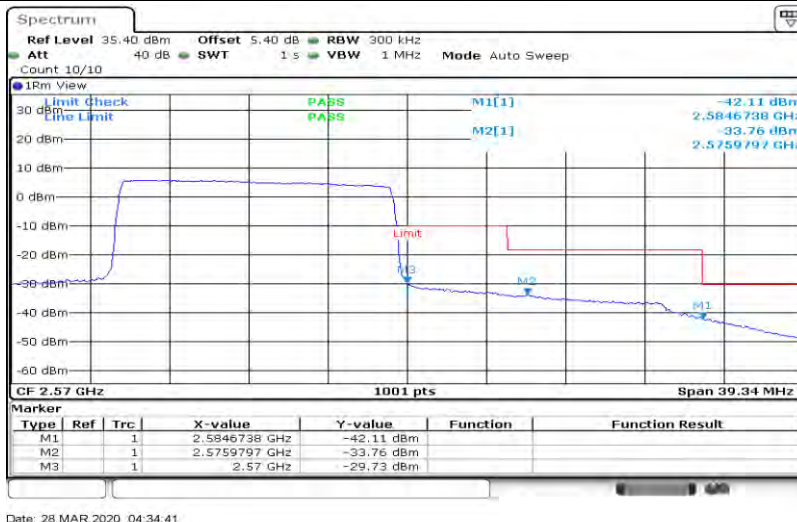
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### Band7-15MHz-QPSK-21375-1RB#74





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

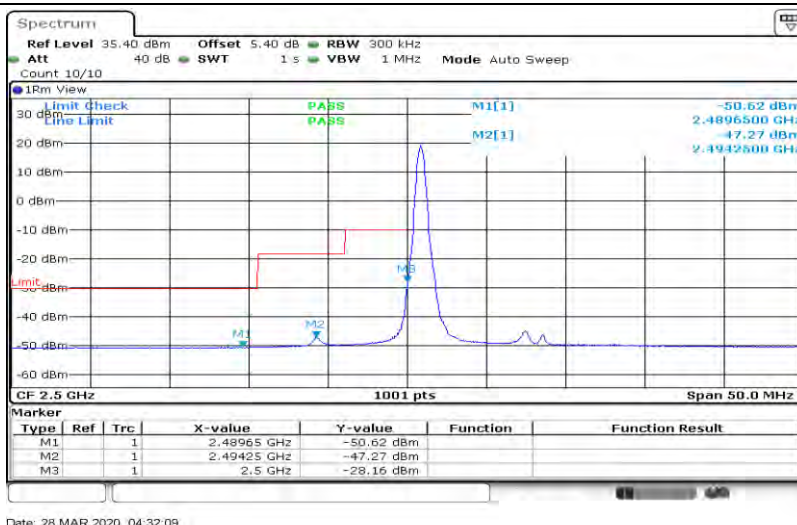


Band7-15MHz-64QAM-20825-1RB#0



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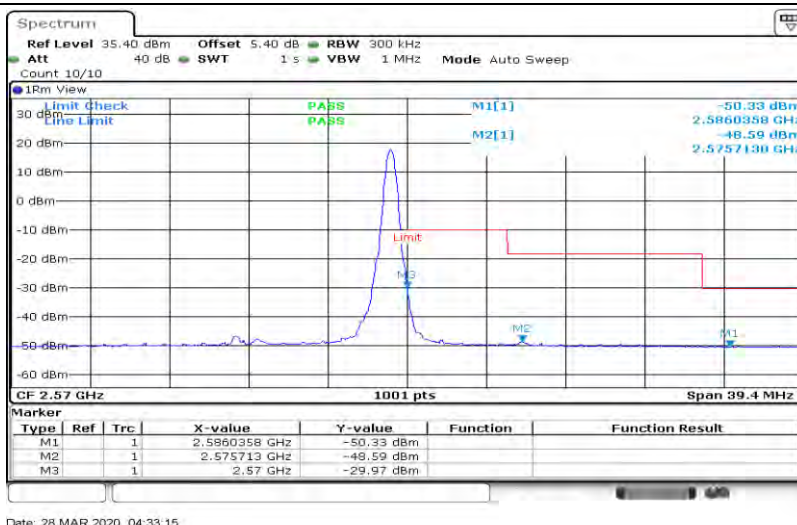
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Band7-15MHz-64QAM-20825-75RB#0

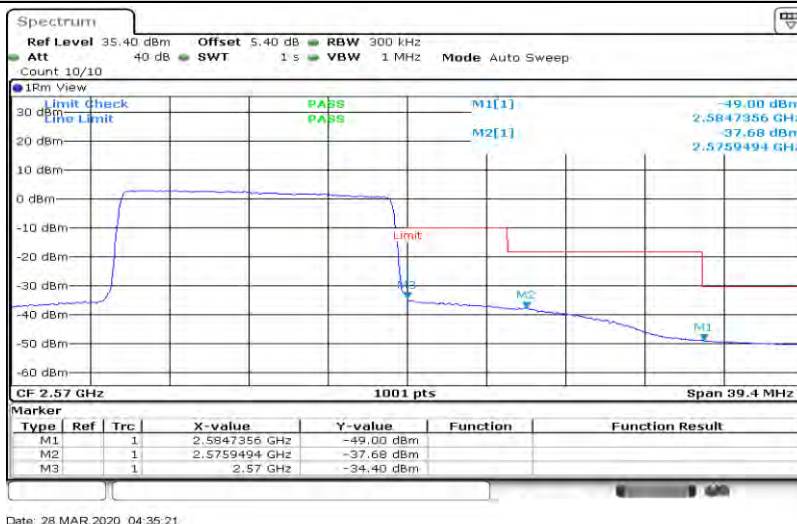


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Date: 28.MAR.2020 04:33:15

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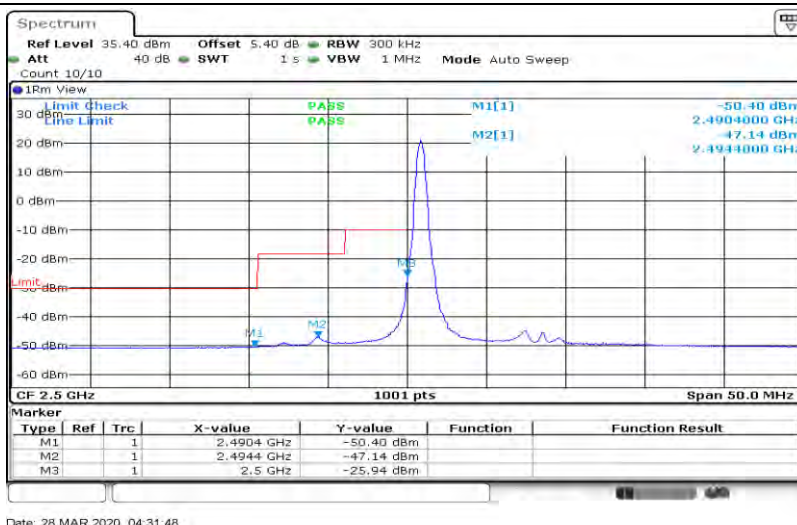
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### Band7-15MHz-16QAM-20825-1RB#0



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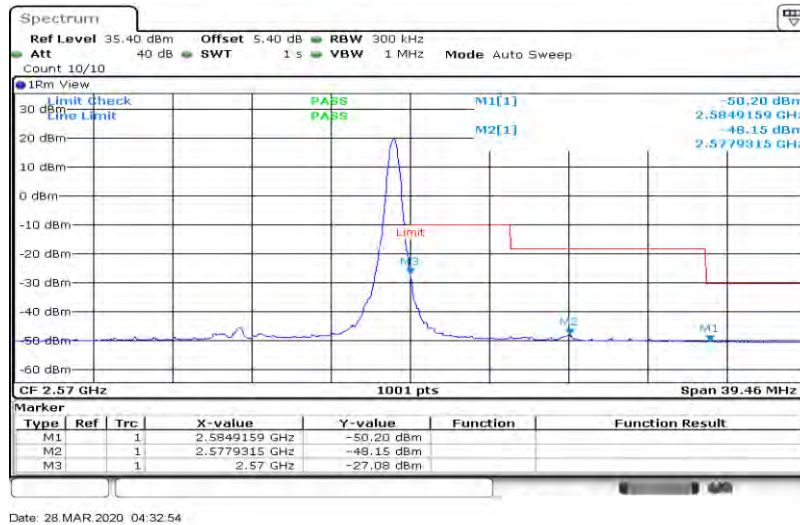
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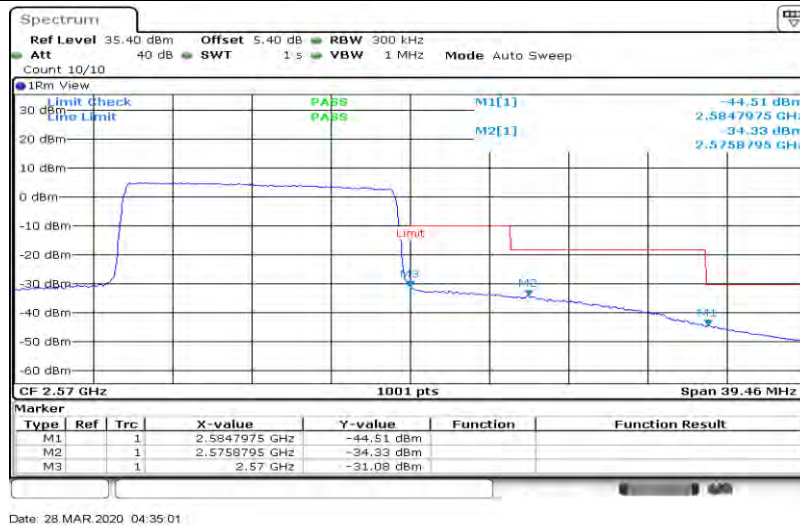


Date: 28.MAR.2020 04:34:00

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



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

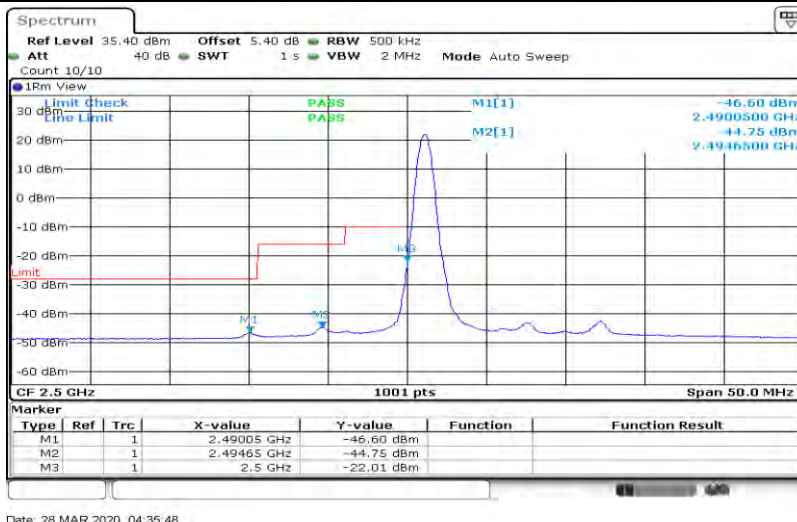


Band7-20MHz-QPSK-20850-1RB#0

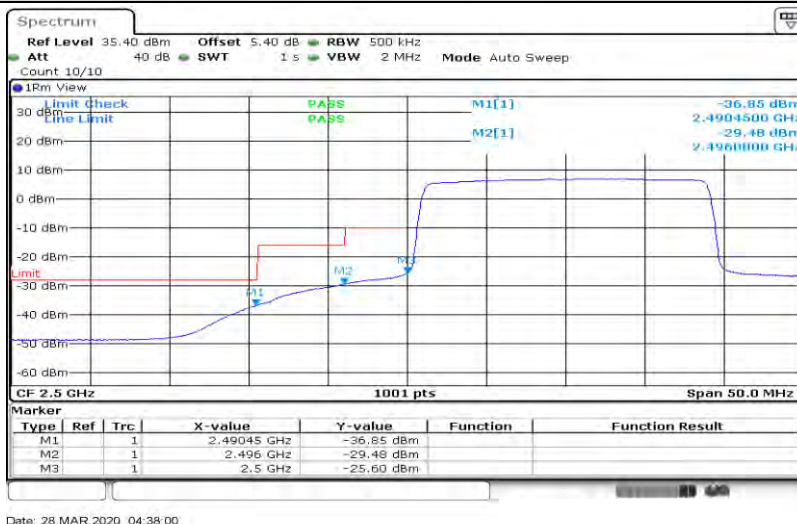
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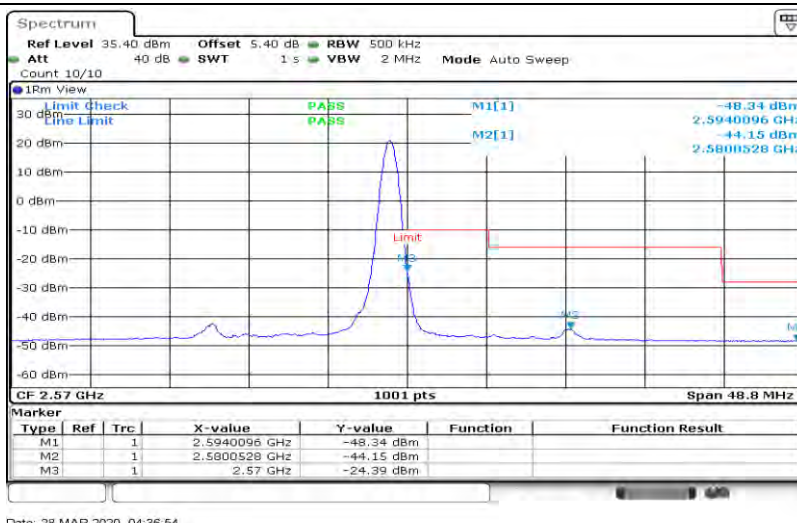


## Band7-20MHz-QPSK-21350-1RB#99

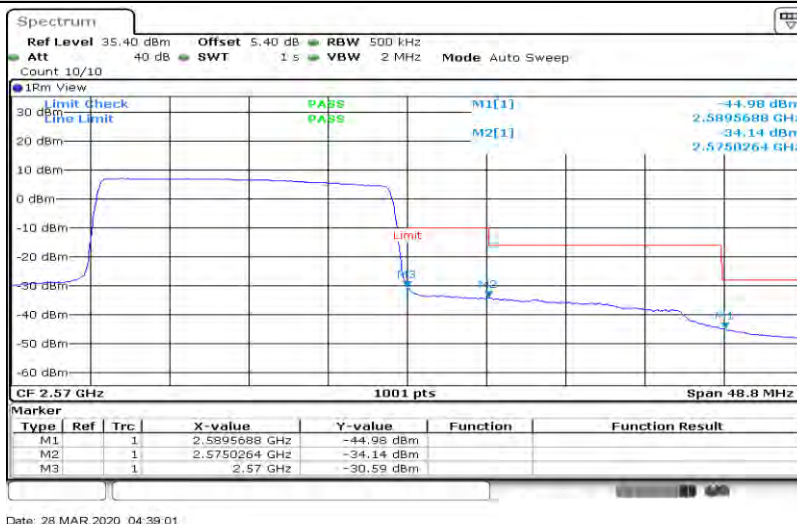


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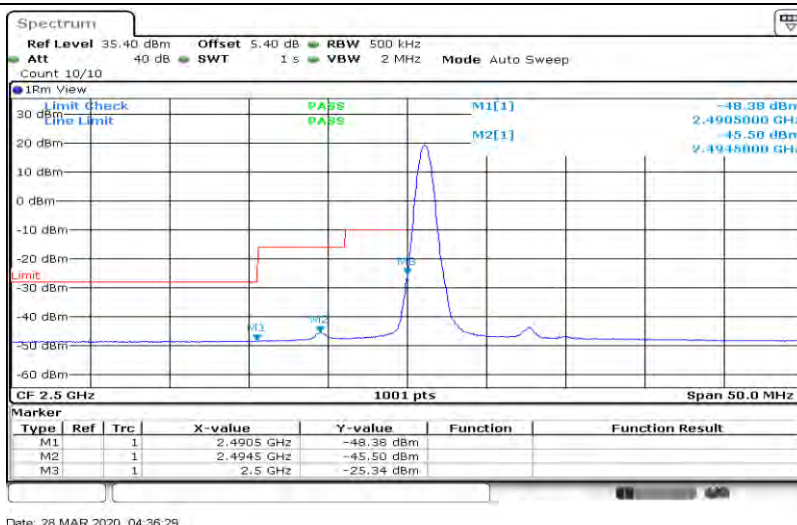
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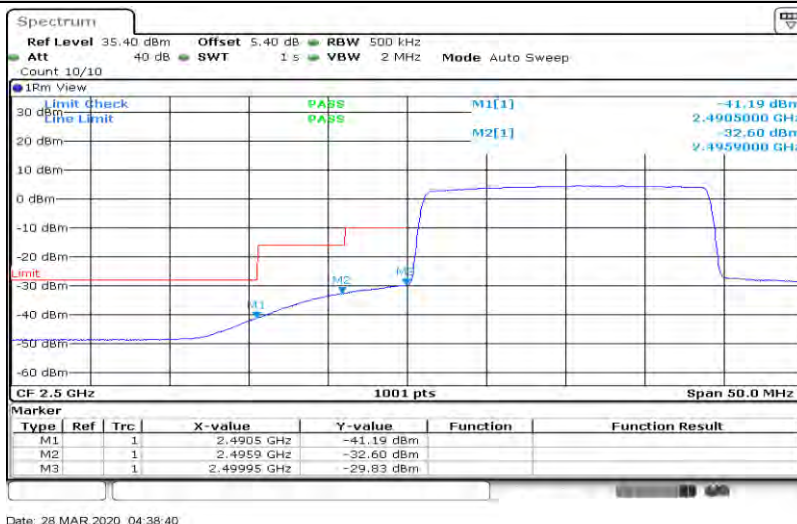
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Band7-20MHz-64QAM-20850-1RB#0



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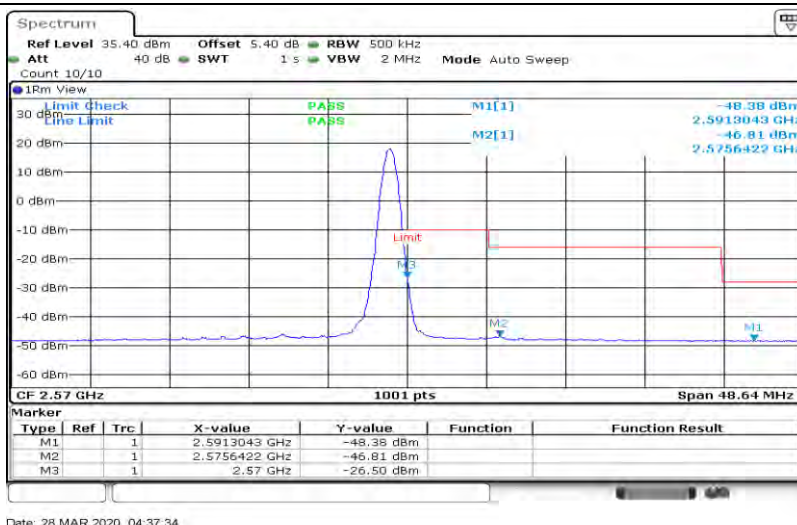


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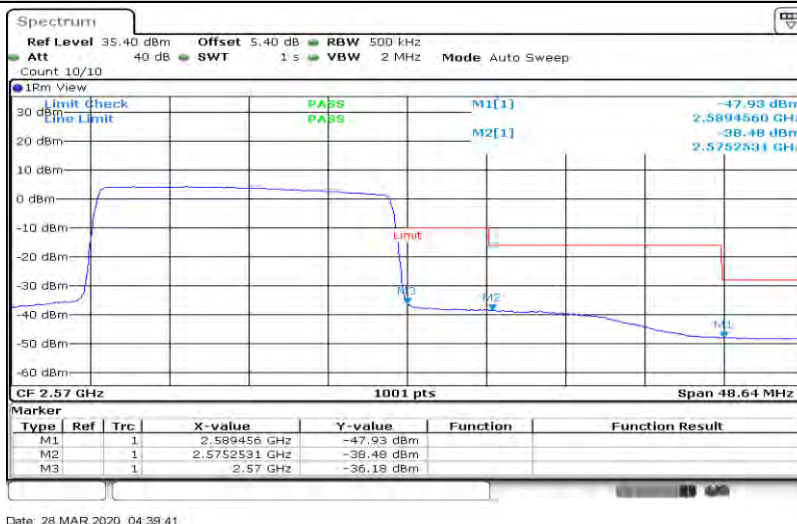
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Date: 28.MAR.2020 04:37:34

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



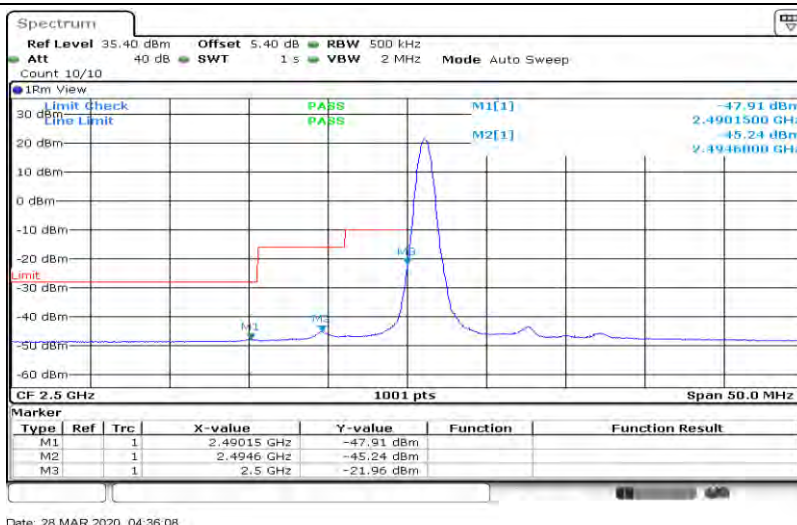
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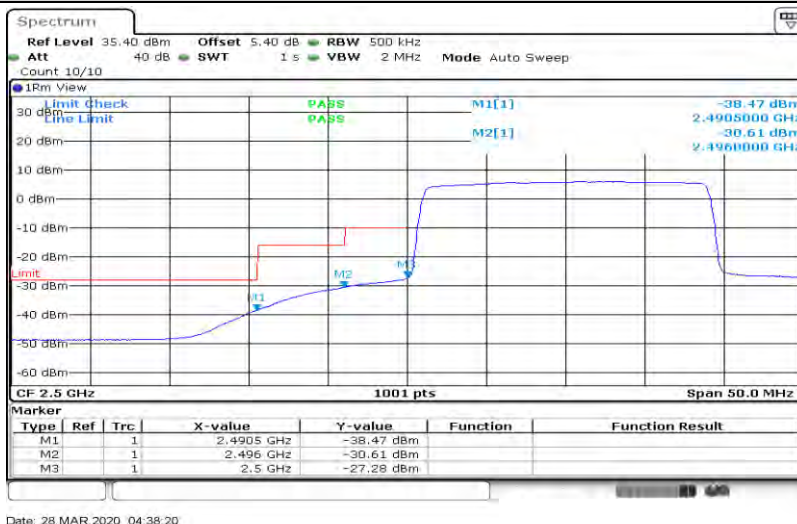


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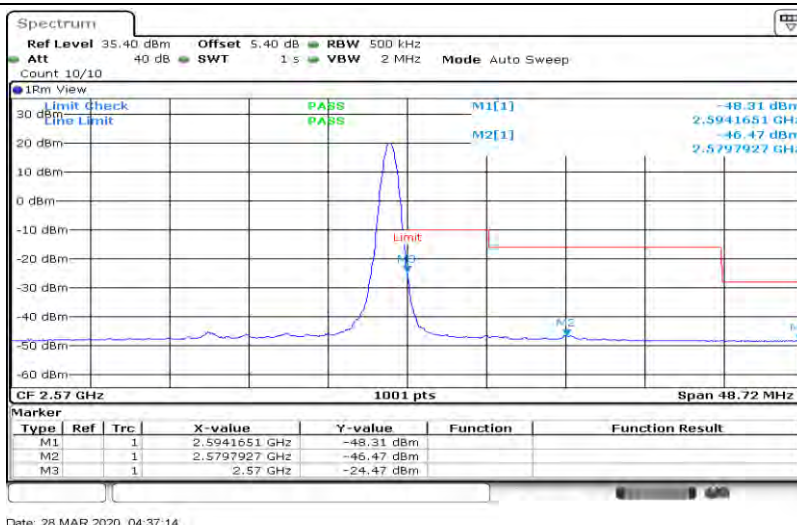


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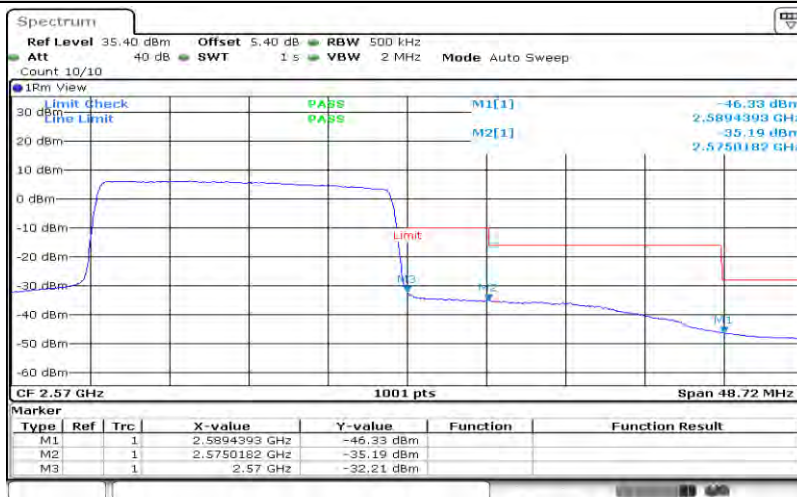
Band7-20MHz-16QAM-21350-1RB#99





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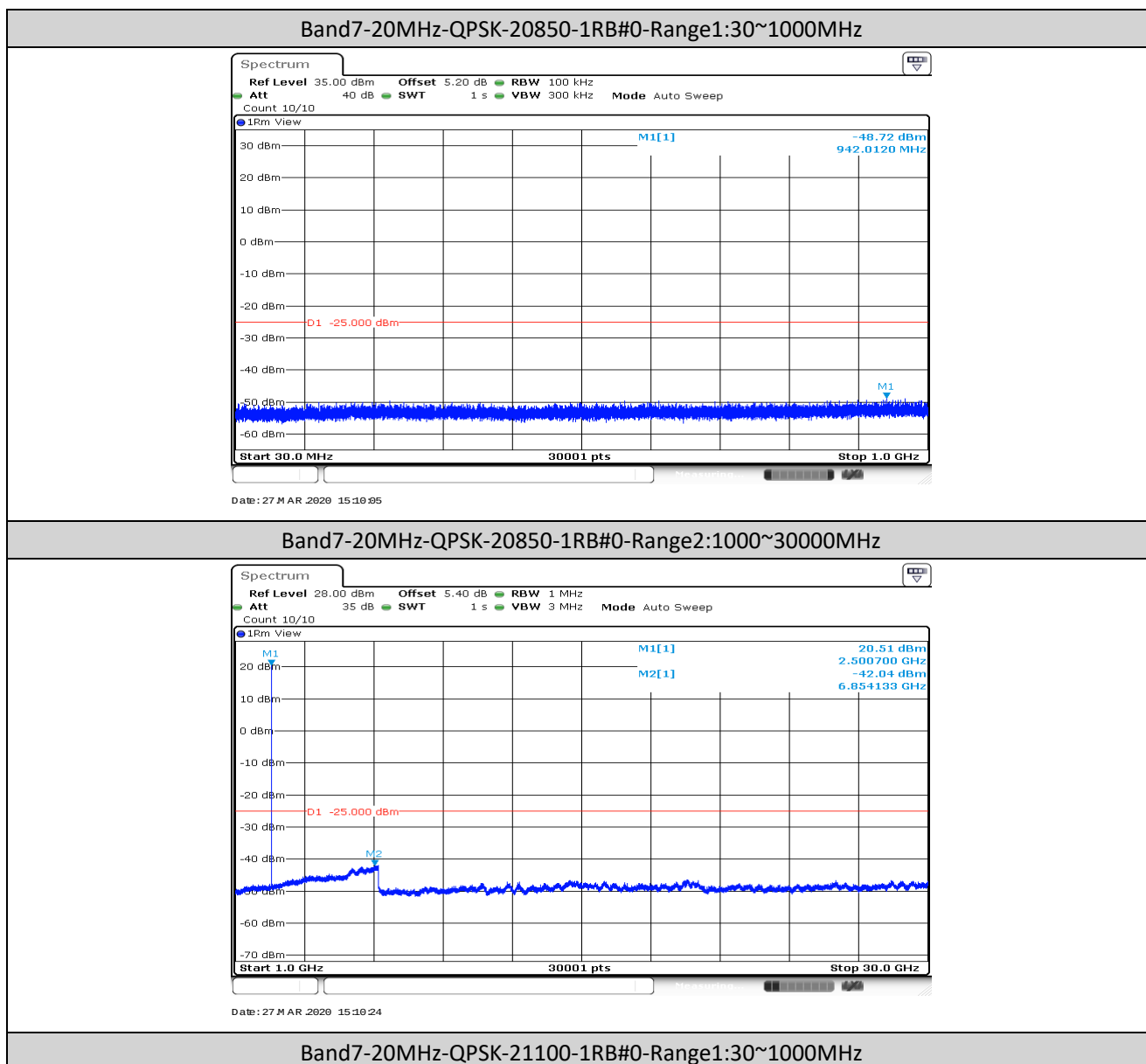
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## 6. Spurious Emission at Antenna Terminal

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

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

## 6.1. Test Plots



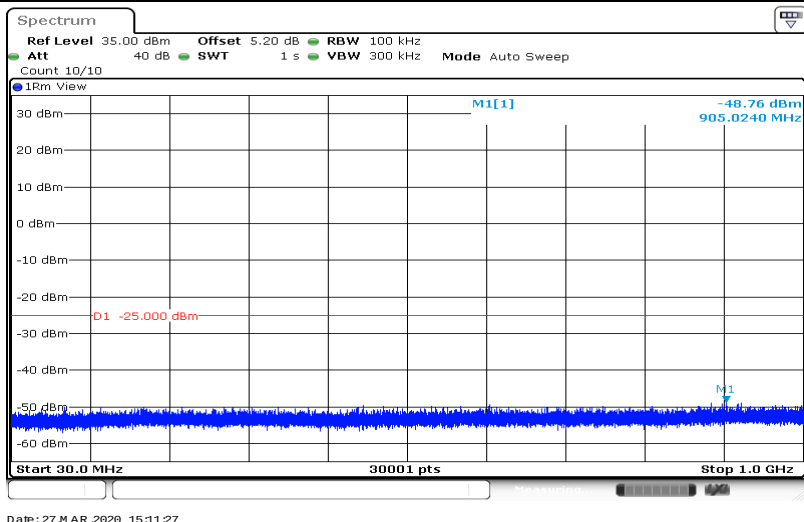
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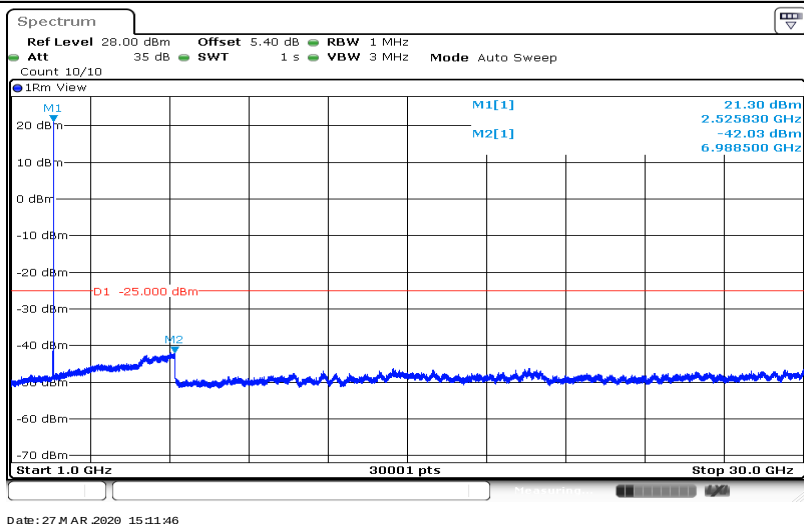
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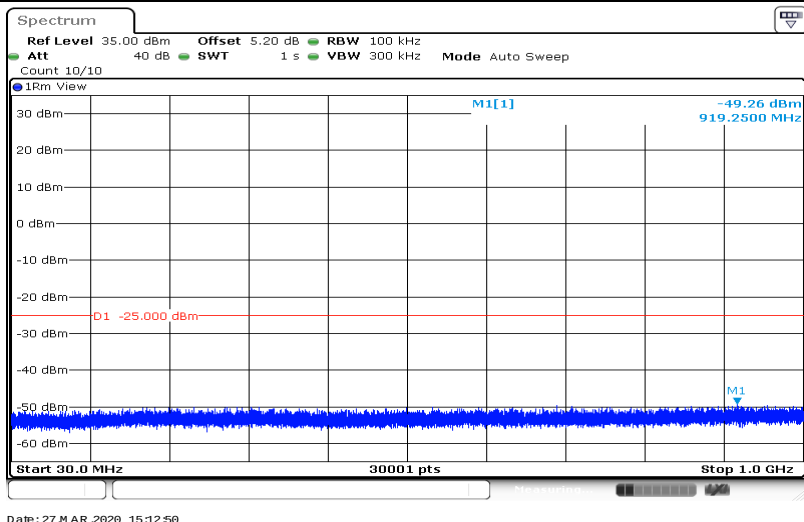
Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



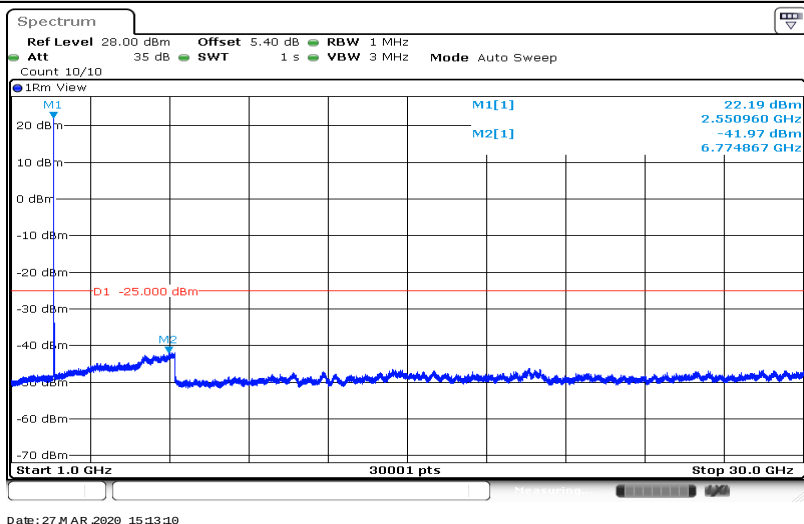
Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



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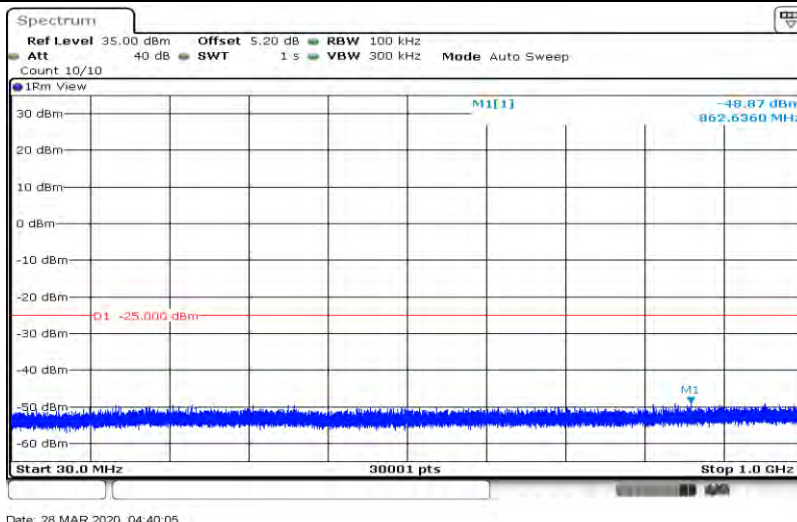


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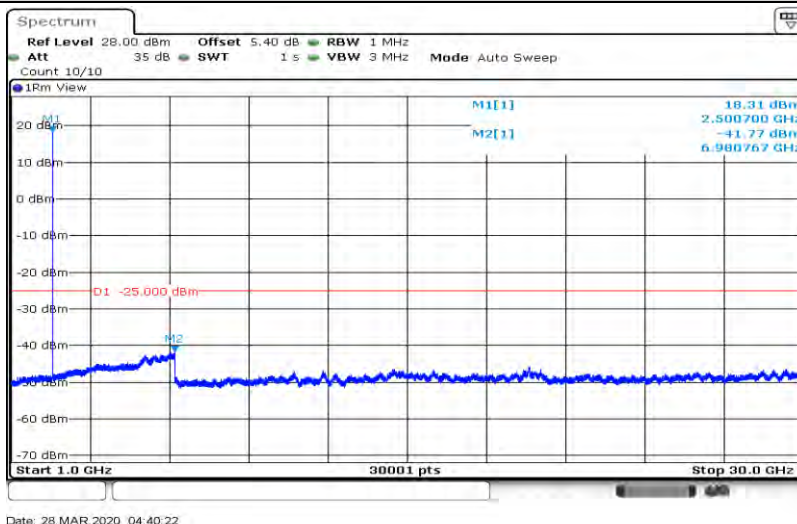
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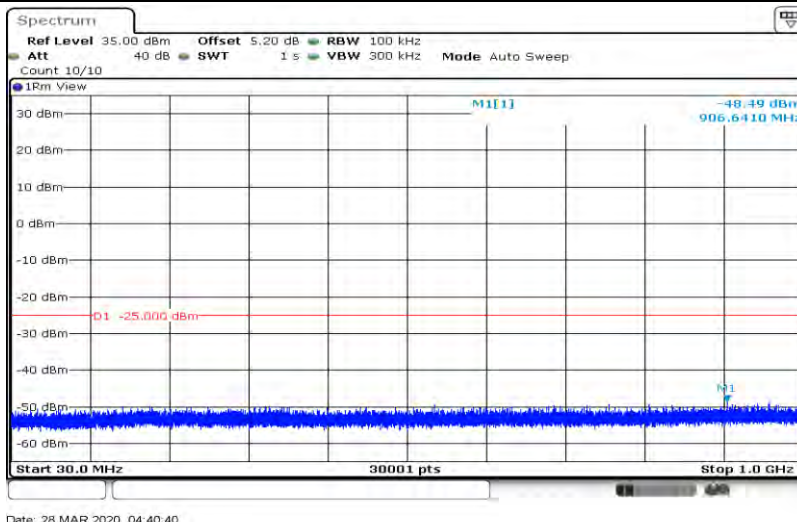


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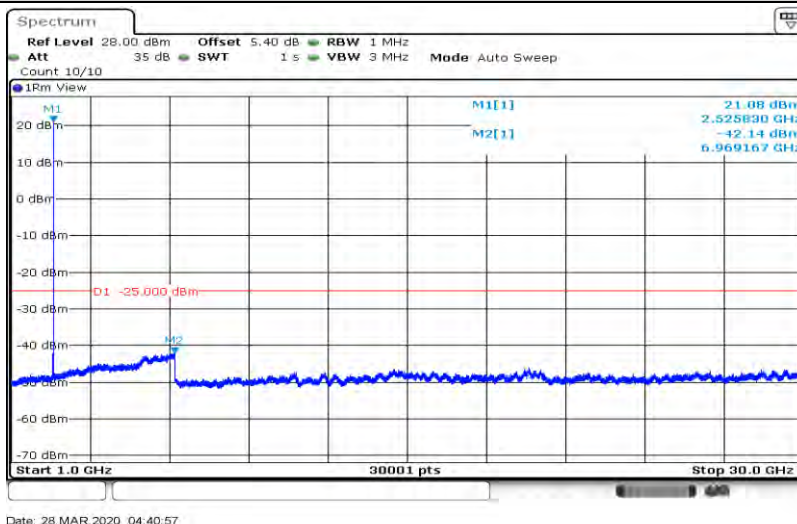


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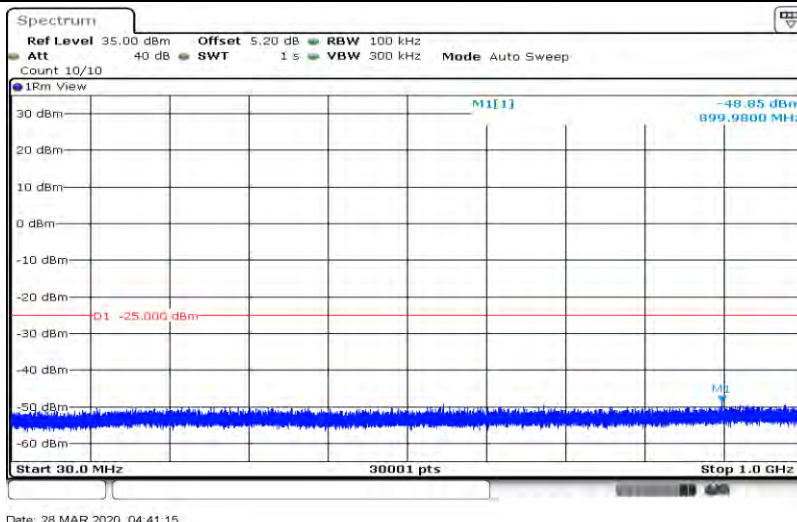
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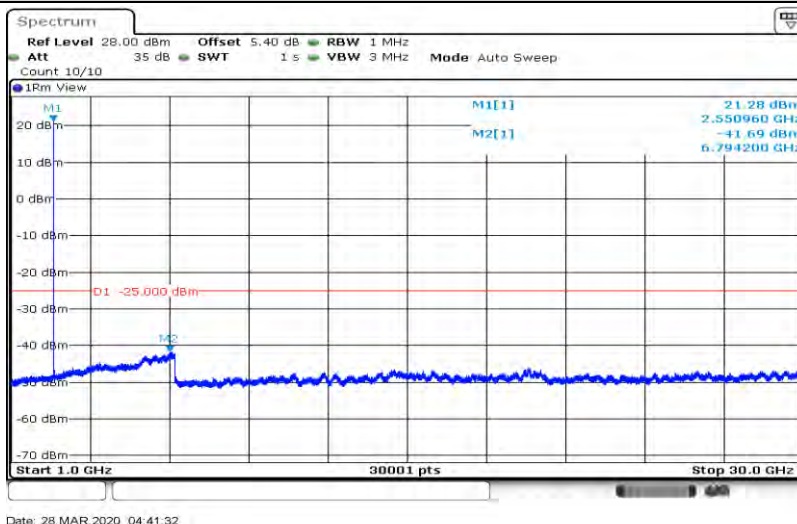
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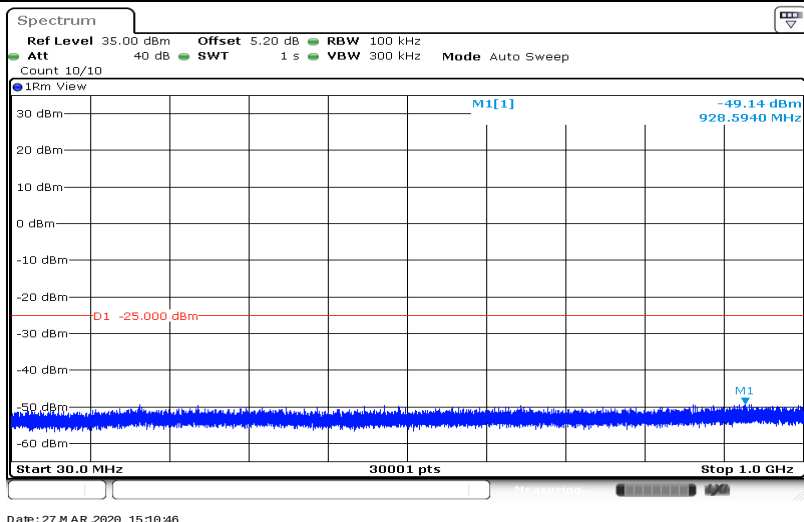
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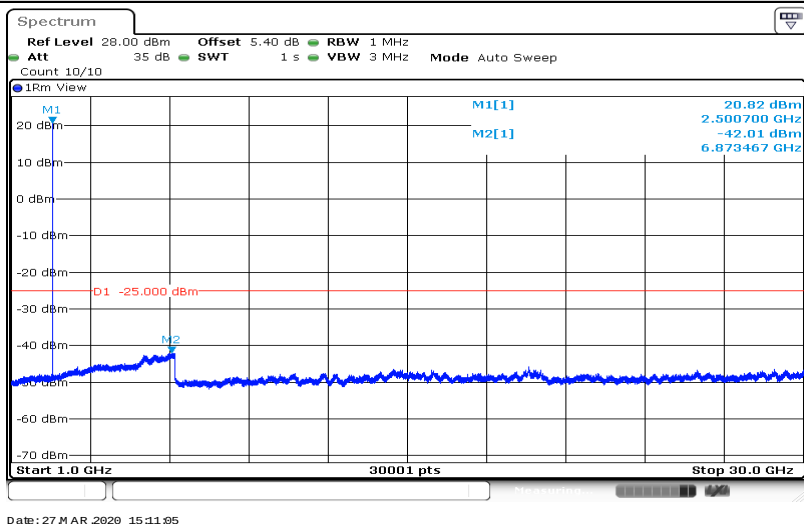
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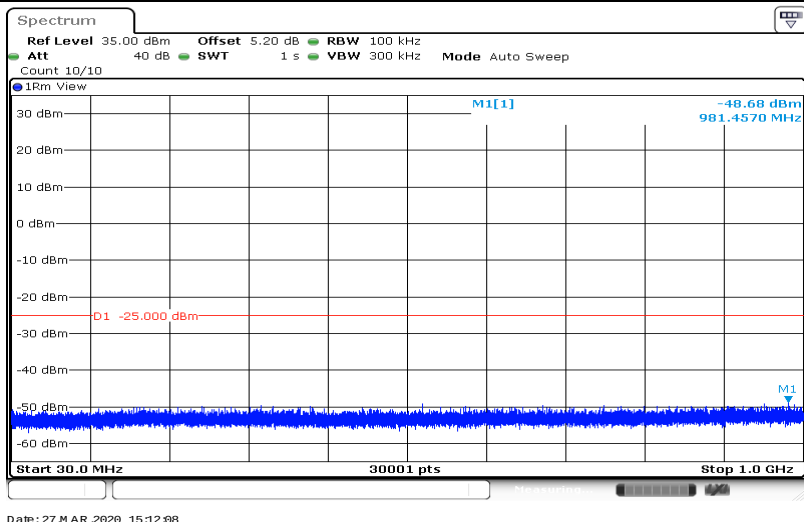


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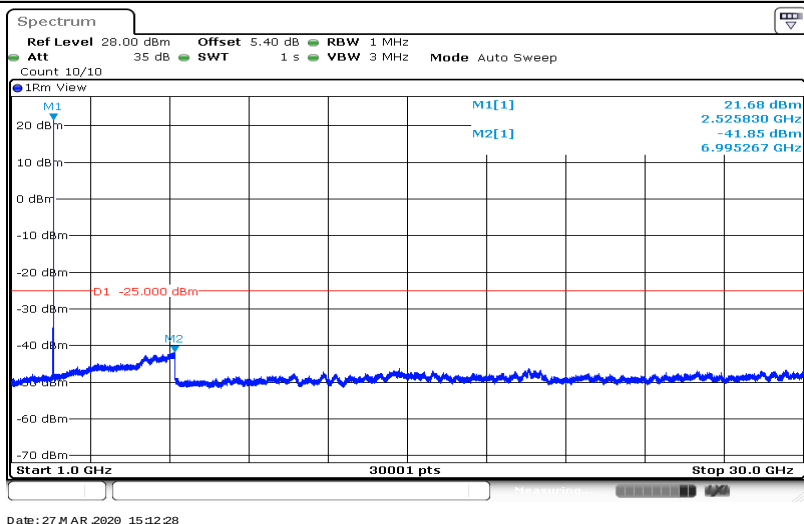
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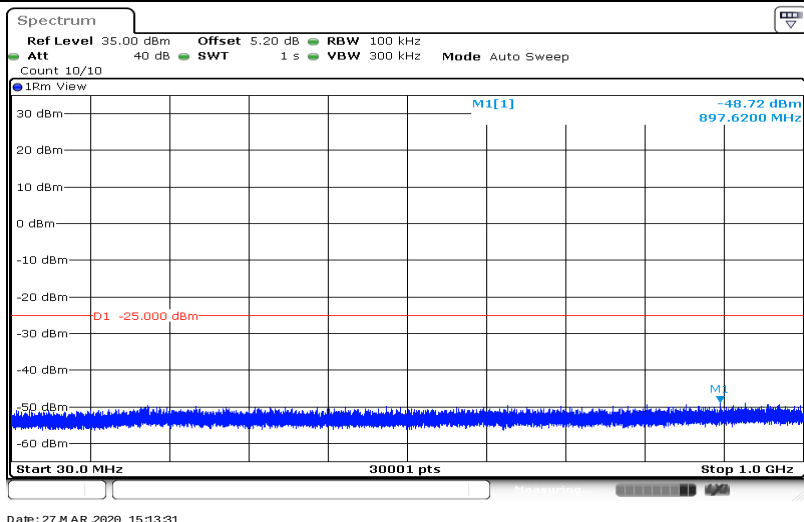


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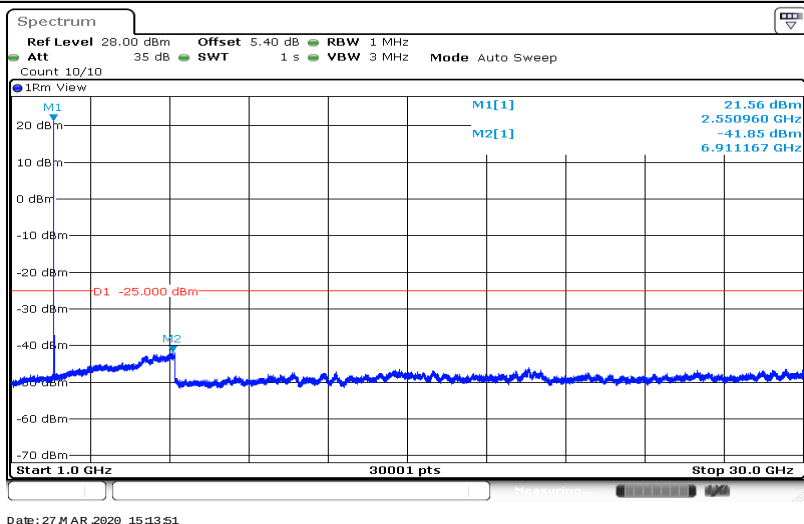


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Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~30000MHz



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = LTE Band 7

#### 7.1.1. Test Mode = LTE/TM1 (Down Ant)

##### 7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 111.3386        | -65.33      | -25.00           | 40.33       | Vertical     |
| 667.2249        | -64.74      | -25.00           | 39.74       | Vertical     |
| 1676.9354       | -45.46      | -25.00           | 20.46       | Vertical     |
| 7444.3778       | -57.32      | -25.00           | 32.32       | Vertical     |
| 14580.4632      | -49.11      | -25.00           | 24.11       | Vertical     |
| 17996.9999      | -41.43      | -25.00           | 16.43       | Vertical     |
| 44.0172         | -65.19      | -25.00           | 40.19       | Horizontal   |
| 243.0227        | -67.48      | -25.00           | 42.48       | Horizontal   |
| 1642.1284       | -45.75      | -25.00           | 20.75       | Horizontal   |
| 7462.9785       | -57.25      | -25.00           | 32.25       | Horizontal   |
| 16398.5359      | -44.75      | -25.00           | 19.75       | Horizontal   |
| 17999.4000      | -45.91      | -25.00           | 20.91       | Horizontal   |

##### 7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 107.4584        | -66.83      | -25.00           | 41.83       | Vertical     |
| 716.4548        | -63.38      | -25.00           | 38.38       | Vertical     |
| 1683.7367       | -45.41      | -25.00           | 20.41       | Vertical     |
| 7449.1780       | -57.12      | -25.00           | 32.12       | Vertical     |
| 14482.0593      | -48.98      | -25.00           | 23.98       | Vertical     |
| 17998.8000      | -40.69      | -25.00           | 15.69       | Vertical     |
| 43.9687         | -64.96      | -25.00           | 39.96       | Horizontal   |
| 595.4898        | -64.84      | -25.00           | 39.84       | Horizontal   |
| 1599.7199       | -45.83      | -25.00           | 20.83       | Horizontal   |
| 7355.5742       | -57.43      | -25.00           | 32.43       | Horizontal   |
| 16397.9359      | -44.81      | -25.00           | 19.81       | Horizontal   |
| 17999.4000      | -46.09      | -25.00           | 21.09       | Horizontal   |





### 7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 106.1488        | -66.12      | -25.00           | 41.12       | Vertical     |
| 670.5715        | -64.45      | -25.00           | 39.45       | Vertical     |
| 1704.1408       | -44.96      | -25.00           | 19.96       | Vertical     |
| 7360.9744       | -56.80      | -25.00           | 31.80       | Vertical     |
| 14566.6627      | -48.65      | -25.00           | 23.65       | Vertical     |
| 17998.8000      | -40.93      | -25.00           | 15.93       | Vertical     |
| 43.0957         | -64.96      | -25.00           | 39.96       | Horizontal   |
| 558.4824        | -65.22      | -25.00           | 40.22       | Horizontal   |
| 1591.7183       | -45.67      | -25.00           | 20.67       | Horizontal   |
| 7451.5781       | -57.09      | -25.00           | 32.09       | Horizontal   |
| 16382.3353      | -45.08      | -25.00           | 20.08       | Horizontal   |
| 17998.1999      | -46.04      | -25.00           | 21.04       | Horizontal   |

### 7.1.2. Test Mode = LTE/TM1 (Up Ant)

#### 7.1.2.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 74.3312         | -69.08      | -25.00           | 44.08       | Vertical     |
| 113.3272        | -65.14      | -25.00           | 40.14       | Vertical     |
| 467.5889        | -67.00      | -25.00           | 42.00       | Vertical     |
| 2627.9256       | -37.47      | -25.00           | 12.47       | Vertical     |
| 7338.7736       | -57.31      | -25.00           | 32.31       | Vertical     |
| 17997.5999      | -40.94      | -25.00           | 15.94       | Vertical     |
| 41.2041         | -63.83      | -25.00           | 38.83       | Horizontal   |
| 251.2681        | -68.66      | -25.00           | 43.66       | Horizontal   |
| 768.0614        | -62.26      | -25.00           | 37.26       | Horizontal   |
| 2700.3401       | -37.23      | -25.00           | 12.23       | Horizontal   |
| 7500.1800       | -57.25      | -25.00           | 32.25       | Horizontal   |
| 16396.1358      | -44.99      | -25.00           | 19.99       | Horizontal   |

#### 7.1.2.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 78.5994         | -68.76      | -25.00           | 43.76       | Vertical     |
| 117.8864        | -65.16      | -25.00           | 40.16       | Vertical     |
| 602.3286        | -64.13      | -25.00           | 39.13       | Vertical     |
| 2998.7998       | -39.36      | -25.00           | 14.36       | Vertical     |



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|            |        |        |       |            |
|------------|--------|--------|-------|------------|
| 7359.1744  | -57.42 | -25.00 | 32.42 | Vertical   |
| 17994.5998 | -41.34 | -25.00 | 16.34 | Vertical   |
| 43.3382    | -64.32 | -25.00 | 39.32 | Horizontal |
| 234.7772   | -68.44 | -25.00 | 43.44 | Horizontal |
| 618.1404   | -64.77 | -25.00 | 39.77 | Horizontal |
| 2991.9984  | -39.29 | -25.00 | 14.29 | Horizontal |
| 7459.3784  | -57.35 | -25.00 | 32.35 | Horizontal |
| 16400.3360 | -45.31 | -25.00 | 20.31 | Horizontal |

### 7.1.2.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 80.1030         | -67.99      | -25.00           | 42.99       | Vertical     |
| 112.3086        | -66.01      | -25.00           | 41.01       | Vertical     |
| 829.9020        | -59.00      | -25.00           | 34.00       | Vertical     |
| 2685.9372       | -36.31      | -25.00           | 11.31       | Vertical     |
| 8013.2005       | -56.86      | -25.00           | 31.86       | Vertical     |
| 17984.3994      | -40.95      | -25.00           | 15.95       | Vertical     |
| 45.2783         | -64.73      | -25.00           | 39.73       | Horizontal   |
| 241.8101        | -67.25      | -25.00           | 42.25       | Horizontal   |
| 733.1397        | -63.20      | -25.00           | 38.20       | Horizontal   |
| 2704.7409       | -37.29      | -25.00           | 12.29       | Horizontal   |
| 9323.0529       | -54.05      | -25.00           | 29.05       | Horizontal   |
| 16398.5359      | -45.11      | -25.00           | 20.11       | 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..



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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               | -18.30         | -0.007291       | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0      | VN            | NT               | -6.90          | -0.002749       | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0      | VH            | NT               | -6.50          | -0.002590       | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0      | VL            | NT               | 3.10           | 0.001223        | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0      | VN            | NT               | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0      | VH            | NT               | -9.40          | -0.003708       | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0      | VL            | NT               | -2.80          | -0.001094       | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0      | VN            | NT               | 2.60           | 0.001016        | ±2.5        | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0      | VH            | NT               | -1.20          | -0.000469       | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 100RB#0      | VL            | NT               | -7.10          | -0.002829       | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 100RB#0      | VN            | NT               | -12.70         | -0.005060       | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 20850   | 100RB#0      | VH            | NT               | -12.80         | -0.005100       | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 21100   | 100RB#0      | VL            | NT               | 3.00           | 0.001183        | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 21100   | 100RB#0      | VN            | NT               | 0.70           | 0.000276        | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 21100   | 100RB#0      | VH            | NT               | 6.40           | 0.002525        | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 21350   | 100RB#0      | VL            | NT               | 3.40           | 0.001328        | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 21350   | 100RB#0      | VN            | NT               | 0.70           | 0.000273        | ±2.5        | PASS    |
| Band7 | 20MHz     | 64QAM      | 21350   | 100RB#0      | VH            | NT               | -2.00          | -0.000781       | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0      | VL            | NT               | -14.20         | -0.005657       | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0      | VN            | NT               | -16.60         | -0.006614       | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 20850   | 100RB#0      | VH            | NT               | -6.20          | -0.002470       | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0      | VL            | NT               | -5.80          | -0.002288       | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0      | VN            | NT               | -5.90          | -0.002327       | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21100   | 100RB#0      | VH            | NT               | 1.30           | 0.000513        | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0      | VL            | NT               | -7.30          | -0.002852       | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0      | VN            | NT               | 5.20           | 0.002031        | ±2.5        | PASS    |
| Band7 | 20MHz     | 16QAM      | 21350   | 100RB#0      | VH            | NT               | 4.60           | 0.001797        | ±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 |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0      | NV            | -30              | -5.20          | -0.002072       | ±2.5        | PASS    |



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|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | -20 | -9.50  | -0.003785 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 0   | -18.50 | -0.007371 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 10  | -6.80  | -0.002709 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 20  | -1.70  | -0.000677 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 30  | -11.00 | -0.004382 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 40  | -20.50 | -0.008167 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | NV | 50  | -8.40  | -0.003347 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -30 | 6.30   | 0.002485  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | -20 | -11.60 | -0.004576 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 0   | 7.20   | 0.002840  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 10  | -10.60 | -0.004181 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 20  | 2.60   | 0.001026  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 30  | 1.30   | 0.000513  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 40  | 1.00   | 0.000394  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | NV | 50  | -3.40  | -0.001341 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -30 | -1.30  | -0.000508 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | -20 | 0.70   | 0.000273  | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 0   | -4.30  | -0.001680 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 10  | -5.50  | -0.002148 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 20  | -2.20  | -0.000859 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 30  | -7.60  | -0.002969 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 40  | -2.30  | -0.000898 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | NV | 50  | 4.90   | 0.001914  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -30 | -5.60  | -0.002231 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -20 | -15.50 | -0.006175 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 0   | -8.20  | -0.003267 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 10  | -7.00  | -0.002789 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 20  | -7.70  | -0.003068 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 30  | -12.20 | -0.004861 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 40  | -13.60 | -0.005418 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 50  | -10.90 | -0.004343 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -30 | 3.30   | 0.001302  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -20 | -7.70  | -0.003037 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 0   | -7.30  | -0.002880 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 10  | -1.70  | -0.000671 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 20  | -2.10  | -0.000828 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 30  | 1.40   | 0.000552  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 40  | 7.10   | 0.002801  | ±2.5 | PASS |



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|       |       |       |       |         |    |     |        |           |      |      |
|-------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 50  | -2.60  | -0.001026 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -30 | -5.90  | -0.002305 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -20 | -9.30  | -0.003633 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 0   | 5.70   | 0.002227  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 10  | -7.20  | -0.002813 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 20  | -9.50  | -0.003711 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 30  | 3.30   | 0.001289  | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 40  | -2.00  | -0.000781 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 50  | -10.80 | -0.004219 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -5.10  | -0.002032 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | -20.30 | -0.008088 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0   | -11.00 | -0.004382 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10  | -14.30 | -0.005697 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20  | -14.00 | -0.005578 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30  | -14.50 | -0.005777 | ±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  | -15.80 | -0.006295 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | 2.30   | 0.000907  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -11.60 | -0.004576 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0   | -2.50  | -0.000986 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10  | 7.00   | 0.002761  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20  | -10.00 | -0.003945 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30  | 3.10   | 0.001223  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40  | 5.80   | 0.002288  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50  | 6.60   | 0.002604  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | -4.00  | -0.001563 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | -8.80  | -0.003438 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0   | -7.90  | -0.003086 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10  | 1.90   | 0.000742  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20  | -0.80  | -0.000313 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30  | -4.80  | -0.001875 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40  | 6.00   | 0.002344  | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50  | 4.40   | 0.001719  | ±2.5 | PASS |



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