

Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

| Band | Bandwidth h | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|-------|----------------|------------|---------|---------------------|-------------------------|---------------|----------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 23.22 | 23.92 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 23.43 | 24.13 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 22.83 | 23.53 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 21.85 | 22.55 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 21.99 | 22.69 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#13 | 21.93 | 22.63 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 21.98 | 22.68 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 23.17 | 23.87 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 22.72 | 23.42 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 22.54 | 23.24 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 21.76 | 22.46 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 21.80 | 22.5 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#13 | 21.73 | 22.43 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 21.79 | 22.49 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 23.11 | 23.81 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 22.76 | 23.46 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 22.65 | 23.35 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#13 | 21.68 | 22.38 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 21.74 | 22.44 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 21.82 | 22.52 | 33.00 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 21.76 | 22.46 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 21.71 | 22.41 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 22.04 | 22.74 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12 | 21.73 | 22.43 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 20.84 | 21.54 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6 | 20.86 | 21.56 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0 | 20.80 | 21.5 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 20.89 | 21.59 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 22.04 | 22.74 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12 | 22.19 | 22.89 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 21.79 | 22.49 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0 | 20.68 | 21.38 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6 | 20.78 | 21.48 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 20.70 | 21.4 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 20.80 | 21.5 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 21.81 | 22.51 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 21.86 | 22.56 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12 | 21.75 | 22.45 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0 | 20.67 | 21.37 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#6 | 20.72 | 21.42 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#13 | 20.74 | 21.44 | 33.00 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 20.66 | 21.36 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 23.30 | 24 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 23.38 | 24.08 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 23.35 | 24.05 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#12 | 22.47 | 23.17 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 21.98 | 22.68 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#25 | 22.02 | 22.72 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 23.30 | 24 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 23.21 | 23.91 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 22.83 | 23.53 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 22.67 | 23.37 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#25 | 21.85 | 22.55 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 21.88 | 22.58 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#12 | 21.88 | 22.58 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 23.21 | 23.91 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 22.10 | 22.8 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 22.17 | 22.87 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 21.84 | 22.54 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#25 | 20.87 | 21.57 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 20.93 | 21.63 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#12 | 20.92 | 21.62 | 33.00 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 20.97 | 21.67 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 22.19 | 22.89 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24 | 21.84 | 22.54 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 21.98 | 22.68 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 20.88 | 21.58 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0 | 20.75 | 21.45 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 20.80 | 21.5 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 20.82 | 21.52 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 21.76 | 22.46 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 22.26 | 22.96 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24 | 21.83 | 22.53 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0 | 20.94 | 21.64 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 20.95 | 21.65 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 20.84 | 21.54 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 20.84 | 21.54 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 23.17 | 23.87 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 23.42 | 24.12 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 23.18 | 23.88 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0 | 22.29 | 22.99 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 22.54 | 23.24 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 22.52 | 23.22 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 22.44 | 23.14 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 23.12 | 23.82 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 22.73 | 23.43 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 22.68 | 23.38 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#39 | 21.90 | 22.6 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#18 | 21.86 | 22.56 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#0 | 21.86 | 22.56 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 21.83 | 22.53 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 23.12 | 23.82 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 22.73 | 23.43 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 22.68 | 23.38 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#0 | 21.90 | 22.6 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#18 | 21.86 | 22.56 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#39 | 21.86 | 22.56 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 21.83 | 22.53 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 22.99 | 23.69 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 22.84 | 23.54 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 22.77 | 23.47 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#0 | 21.75 | 22.45 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#18 | 21.92 | 22.62 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#39 | 21.81 | 22.51 | 33.00 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 21.76 | 22.46 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 22.55 | 23.25 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 22.08 | 22.78 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 22.18 | 22.88 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#0 | 20.88 | 21.58 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#39 | 20.86 | 21.56 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 36RB#18 | 21.03 | 21.73 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 21.00 | 21.7 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 21.58 | 22.28 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 22.29 | 22.99 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 21.97 | 22.67 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#0 | 20.75 | 21.45 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#18 | 20.78 | 21.48 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 36RB#39 | 20.88 | 21.58 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 20.73 | 21.43 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 21.46 | 22.16 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 21.96 | 22.66 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 21.86 | 22.56 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#0 | 20.81 | 21.51 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#18 | 20.91 | 21.61 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 36RB#39 | 20.77 | 21.47 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 20.88 | 21.58 | 33.00 | PASS |



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|-------|-------|-------|-------|---------|--------------|-------|-------|------|
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 23.09 | 23.79 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 23.30 | 24 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 23.29 | 23.99 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#25 | 22.40 | 23.1 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 22.05 | 22.75 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#50 | 22.04 | 22.74 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 21.75 | 22.45 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 23.20 | 23.9 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 23.45 | 24.15 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 23.23 | 23.93 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 22.06 | 22.76 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#25 | 22.10 | 22.8 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#50 | 22.17 | 22.87 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 21.66 | 22.36 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 23.15 | 23.85 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 23.50 | 24.2 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 23.13 | 23.83 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#25 | 21.99 | 22.69 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 21.77 | 22.47 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#50 | 22.38 | 23.08 | 33.00 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 21.51 | 22.21 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 21.62 | 22.32 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 21.76 | 22.46 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 21.67 | 22.37 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0 | 20.72 | 21.42 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 20.81 | 21.51 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 20.92 | 21.62 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 20.78 | 21.48 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 21.53 | 22.23 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 21.62 | 22.32 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 21.70 | 22.4 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0 | 20.87 | 21.57 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 20.75 | 21.45 | 33.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 20.97 | 21.67 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 20.71 | 21.41 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 21.54 | 22.24 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 21.72 | 22.42 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49 | 21.57 | 22.27 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 20.82 | 21.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 20.84 | 21.54 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0 | 21.09 | 21.79 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 20.62 | 21.32 | 33.00 | PASS |

Remark:

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

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

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



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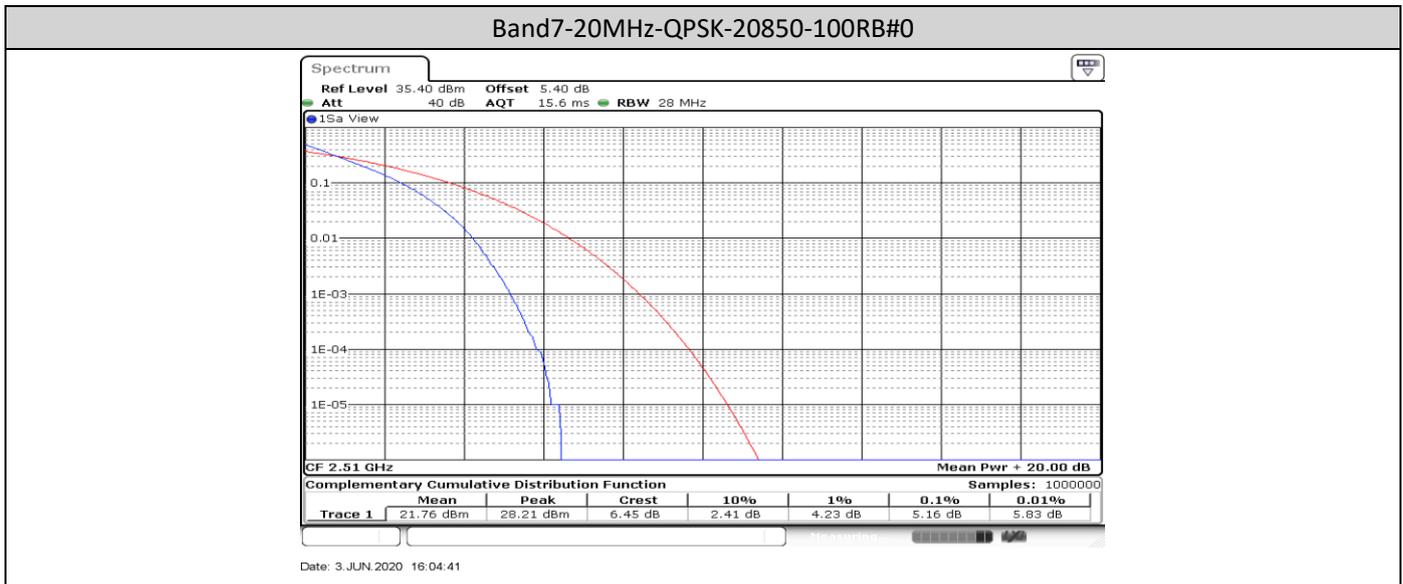
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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

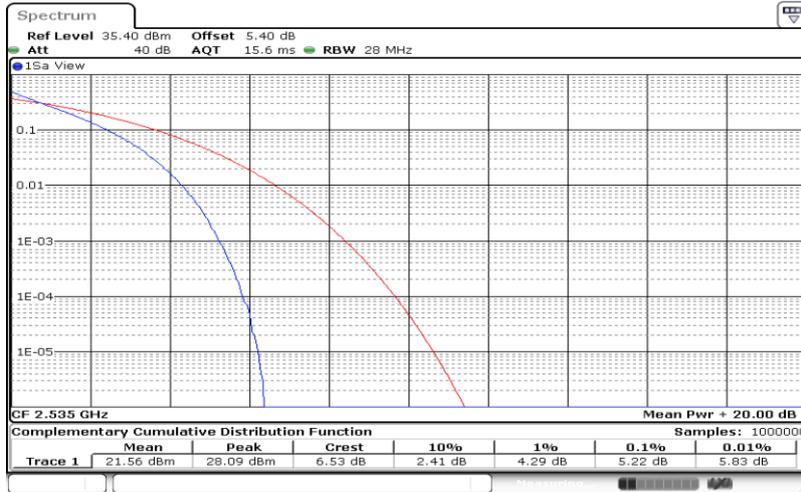
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 5.16 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.22 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 5.16 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 6.26 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 6.38 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 6.32 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 5.94 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.03 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 5.94 | 13 | PASS |

2.2. Test Plots



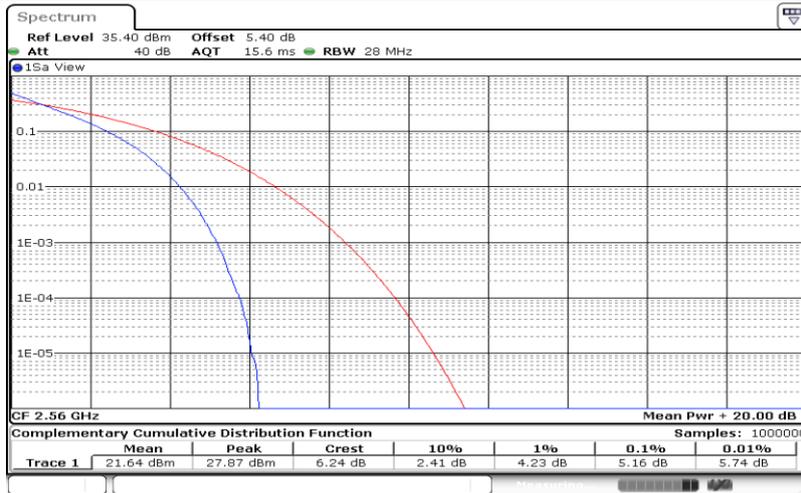
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Band7-20MHz-QPSK-21100-100RB#0



Date: 3 JUN 2020 16:05:04

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



Date: 3 JUN 2020 16:05:27



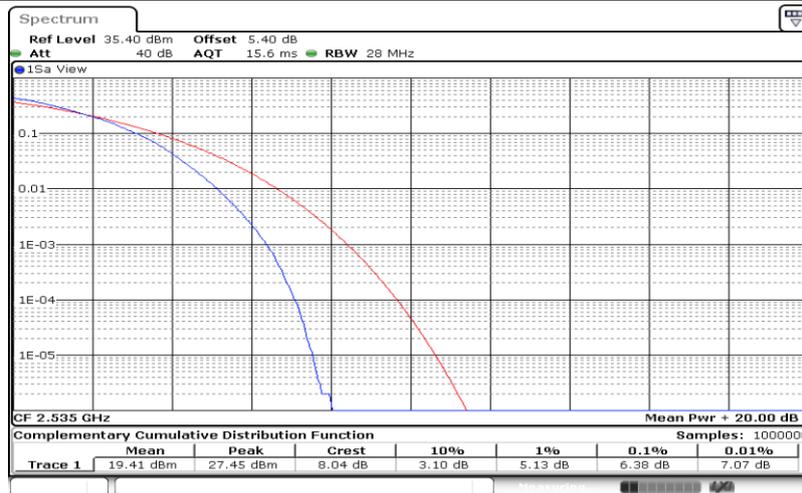
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Band7-20MHz-64QAM-20850-100RB#0



Date: 5 JUN 2020 04:56:35

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

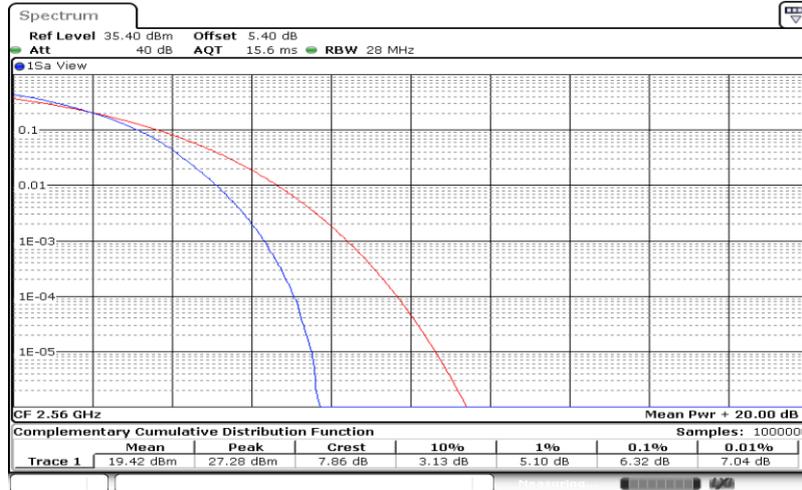


Date: 5 JUN 2020 04:56:47



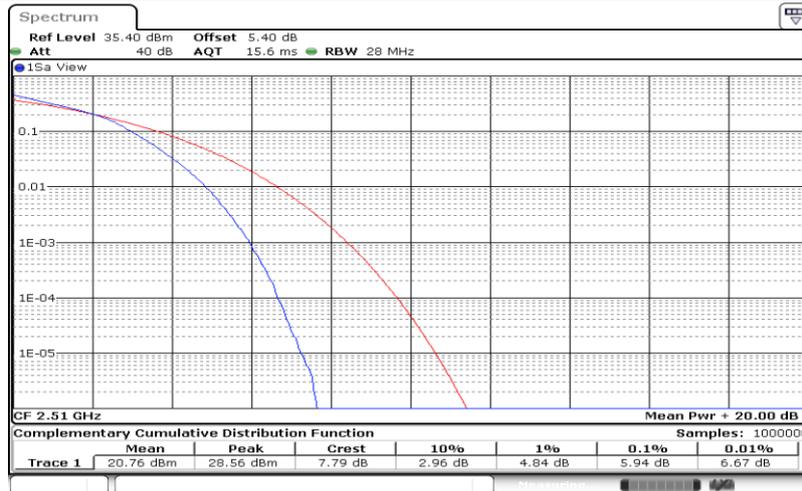
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Band7-20MHz-64QAM-21350-100RB#0



Date: 5 JUN 2020 04:56:58

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

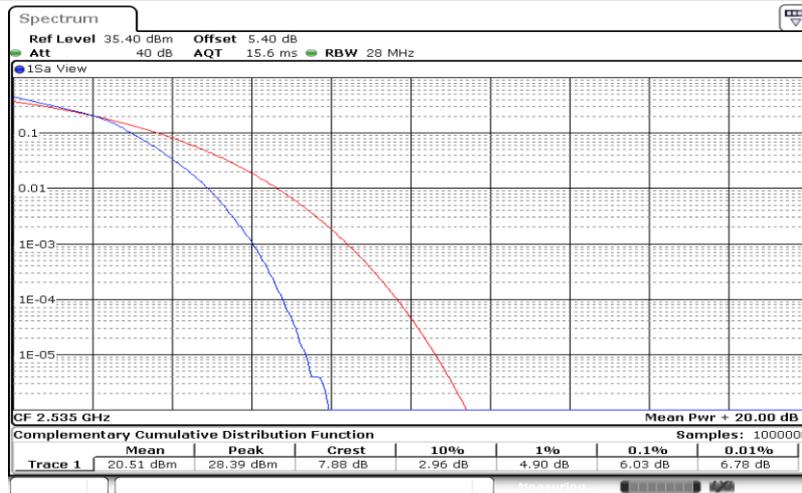


Date: 3 JUN 2020 16:04:52



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



Date: 3 JUN 2020 16:05:15

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



Date: 3 JUN 2020 16:05:38



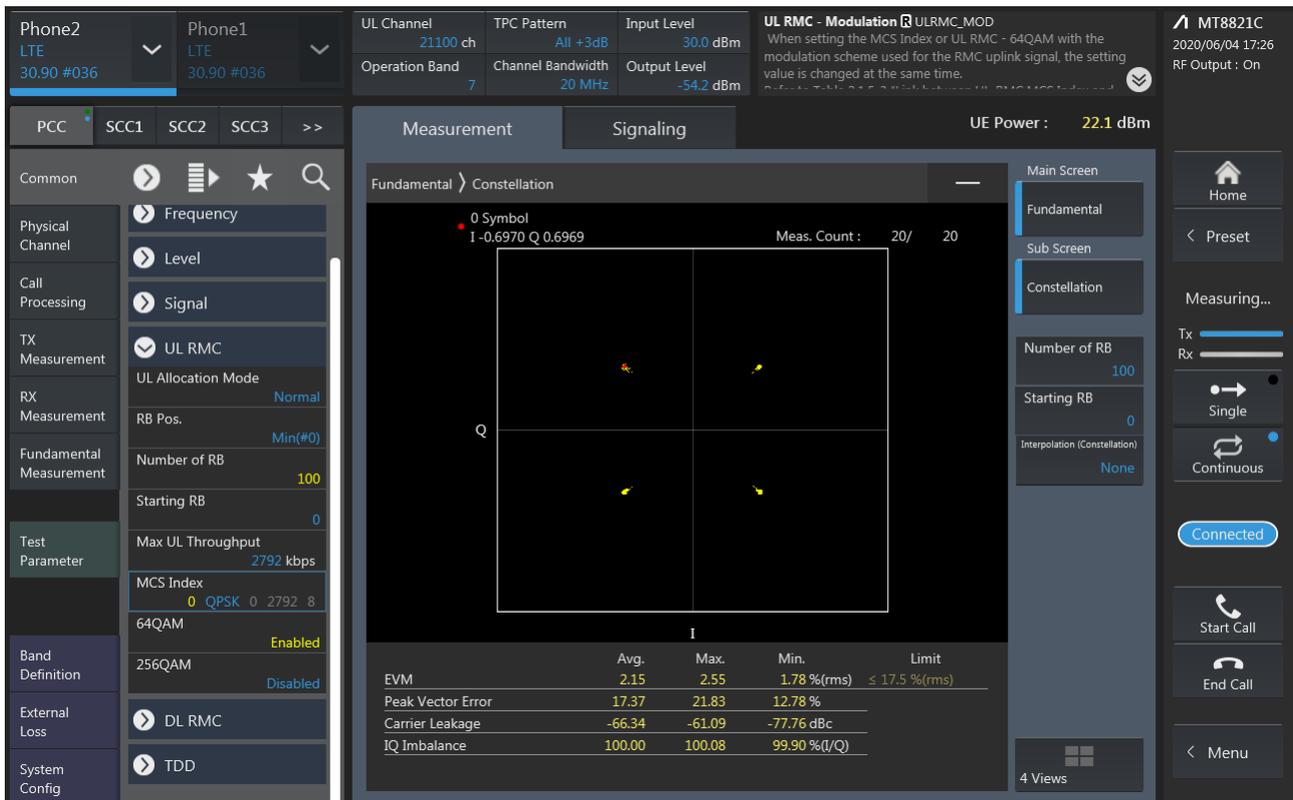
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH

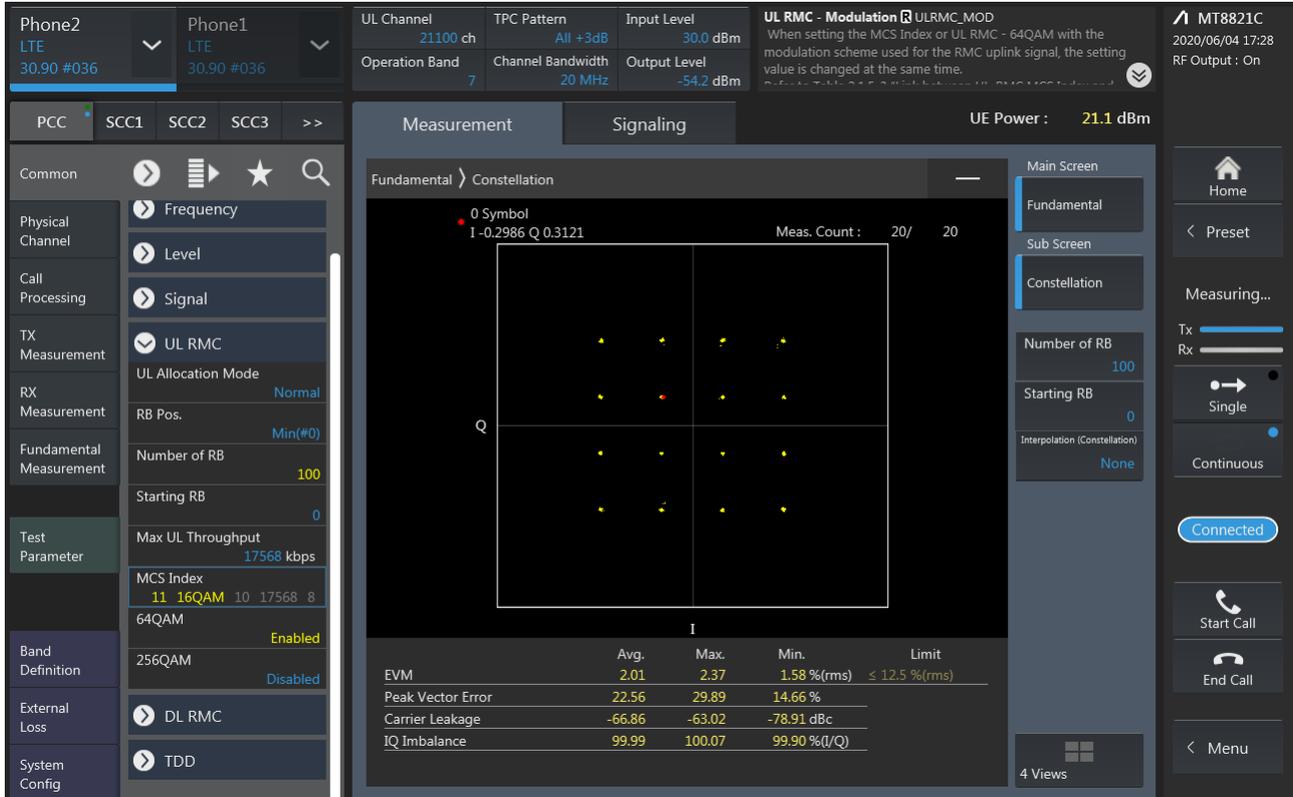


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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

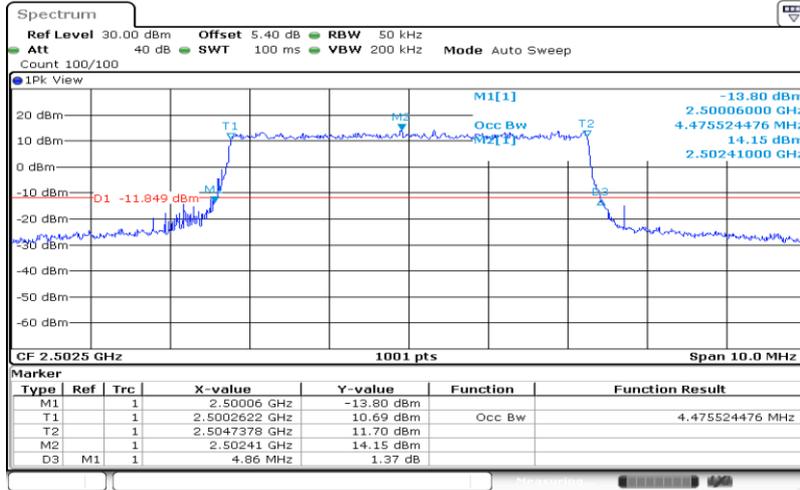
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 4.476 | 4.860 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 4.476 | 4.720 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 4.476 | 4.750 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 4.486 | 4.830 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 4.486 | 4.870 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 4.486 | 4.870 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 8.931 | 9.620 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 8.971 | 9.460 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 8.971 | 9.480 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 8.931 | 9.740 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 8.931 | 9.620 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 8.951 | 9.680 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 13.457 | 14.730 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 13.487 | 14.820 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 13.606 | 14.580 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 13.576 | 14.580 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 13.457 | 14.640 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 13.487 | 14.760 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 18.062 | 19.200 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 18.062 | 19.120 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 18.022 | 19.080 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.942 | 19.240 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.942 | 19.360 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.902 | 19.280 | PASS |



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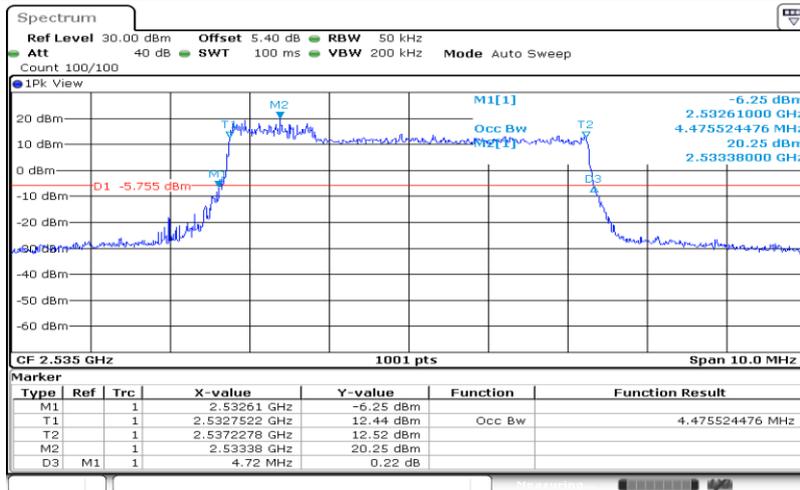
4.2. Test Plots

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



Date: 3 JUN.2020 15:42:36

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

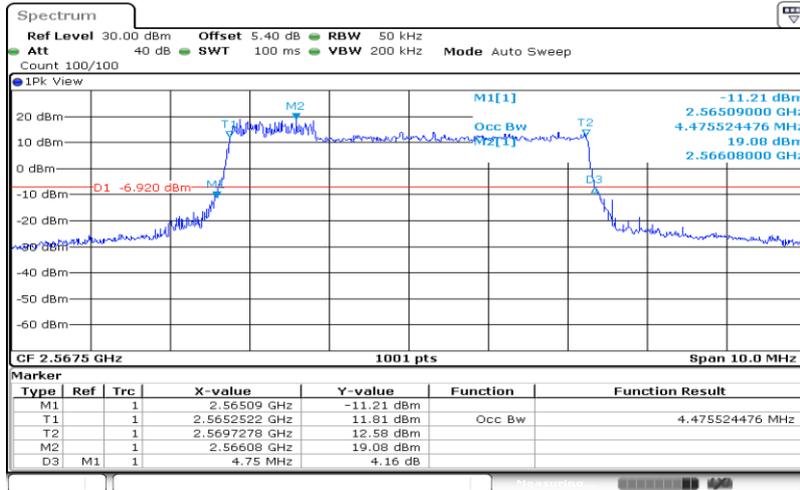


Date: 3 JUN.2020 15:43:17



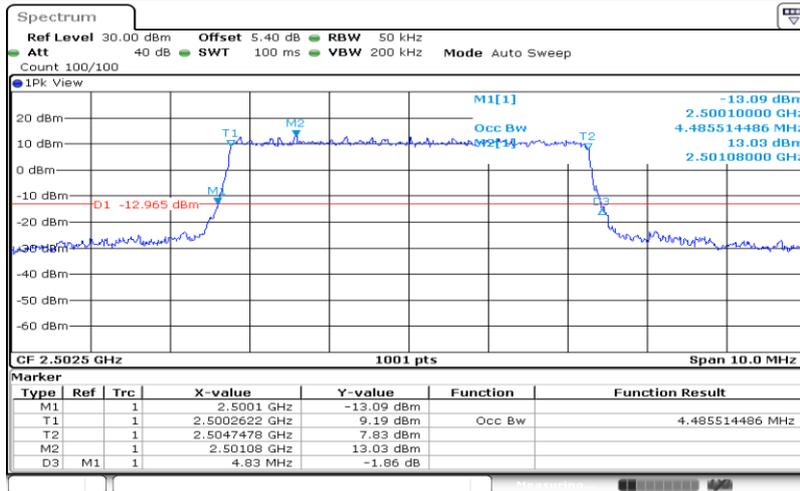
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Band7-5MHz-QPSK-21425-25RB#0-4.476



Date: 3 JUN 2020 15:43:57

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

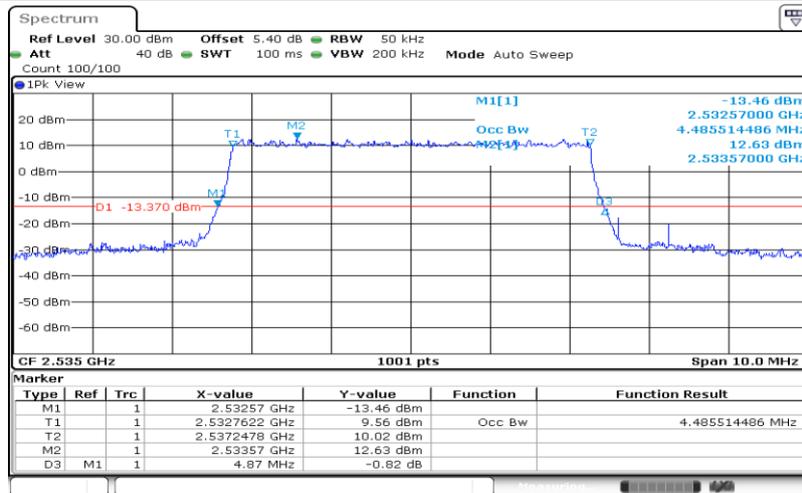


Date: 3 JUN 2020 15:42:56



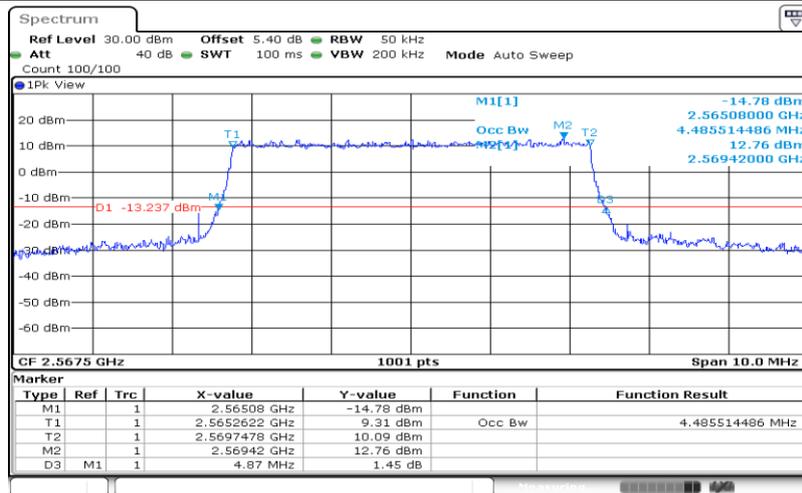
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Band7-5MHz-16QAM-21100-25RB#0-4.486



Date: 3 JUN 2020 15:43:36

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

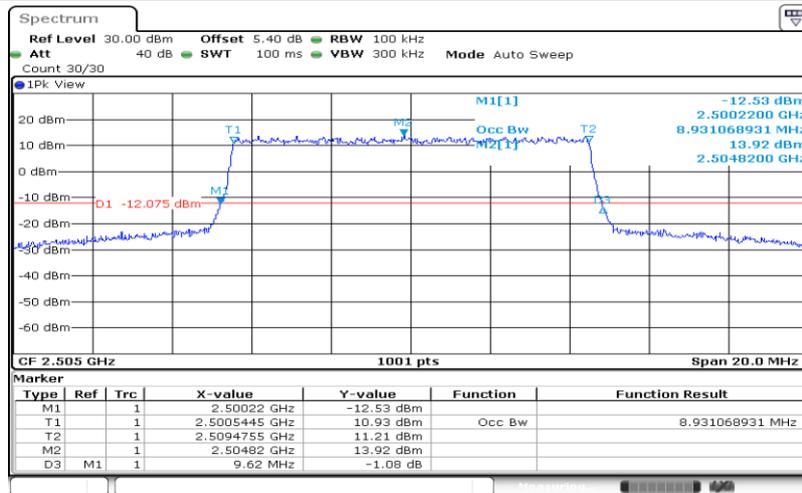


Date: 3 JUN 2020 15:44:16



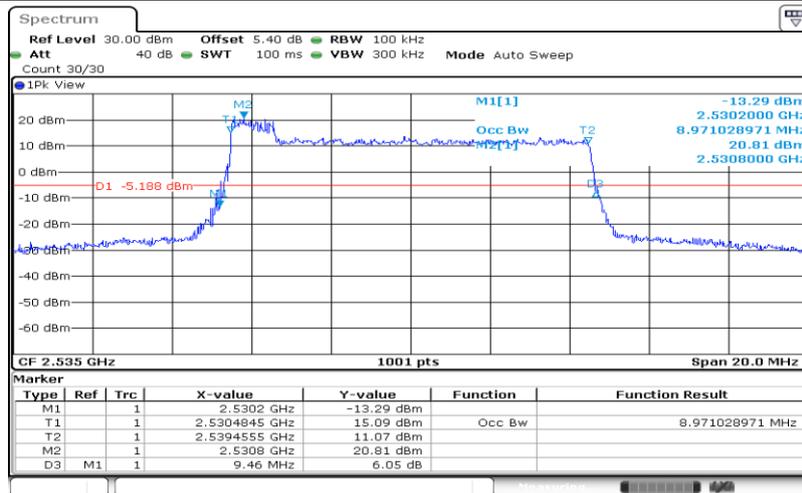
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Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 3 JUN 2020 15:44:35

Band7-10MHz-QPSK-21100-50RB#0-8.971



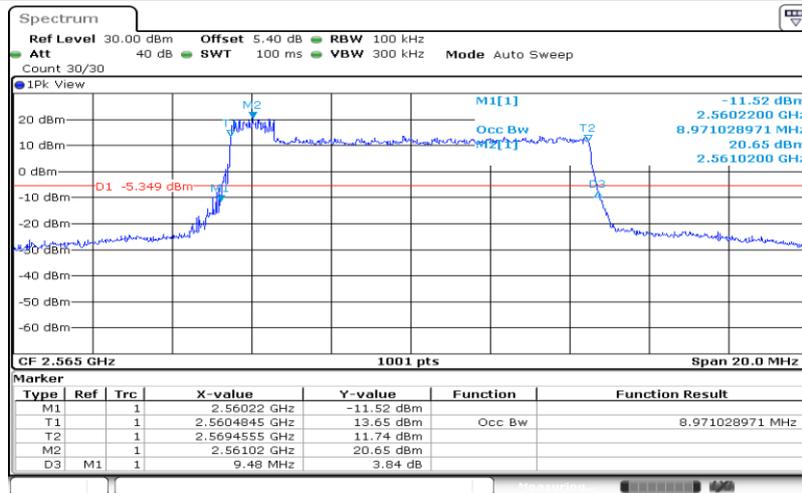
Date: 3 JUN 2020 15:45:02



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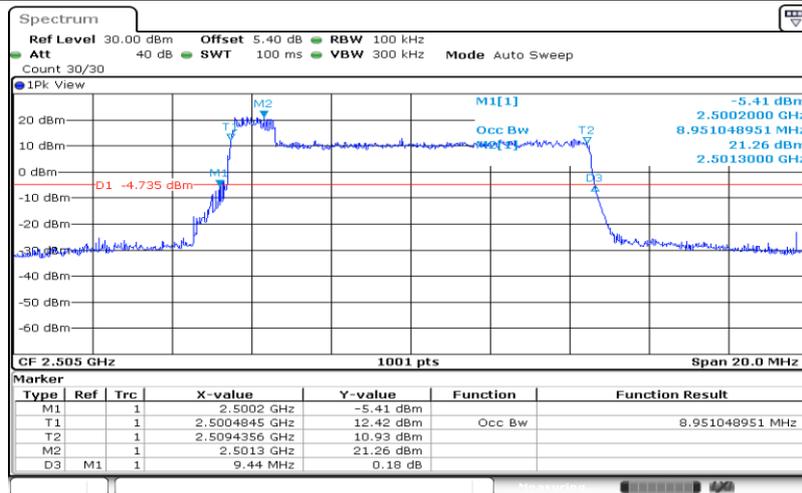
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Band7-10MHz-QPSK-21400-50RB#0-8.971



Date: 3 JUN 2020 15:45:28

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

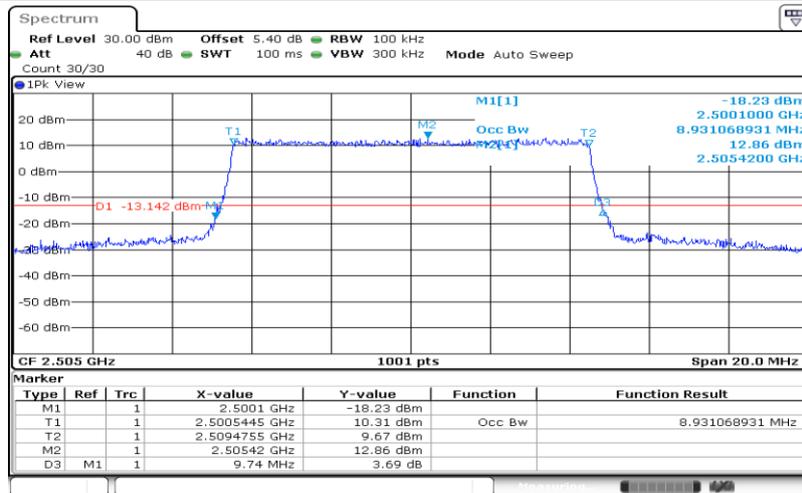


Date: 5 JUN 2020 04:45:00



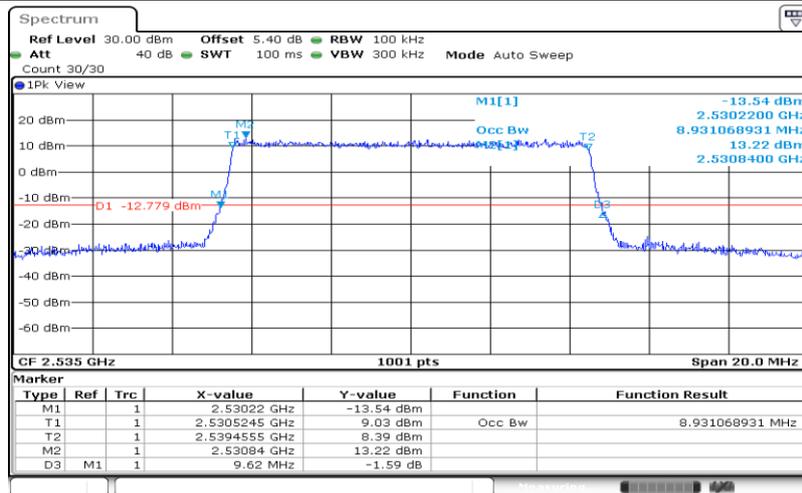
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Band7-10MHz-16QAM-20800-50RB#0-8.931



Date: 3 JUN 2020 15:44:48

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

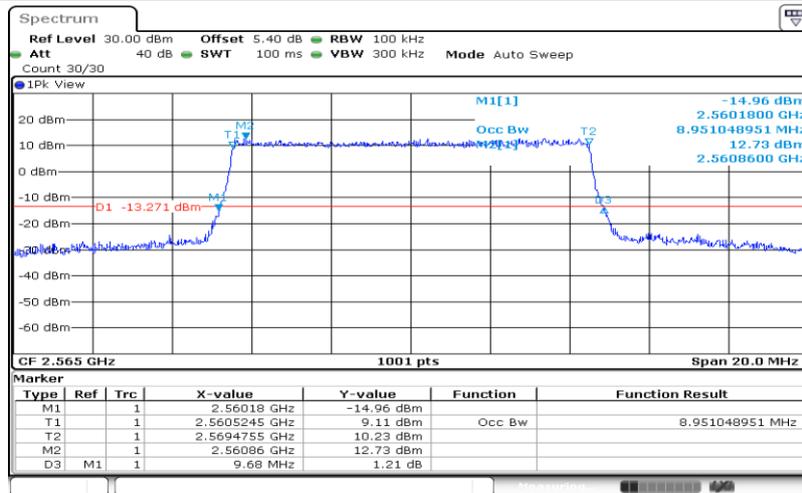


Date: 3 JUN 2020 15:45:15



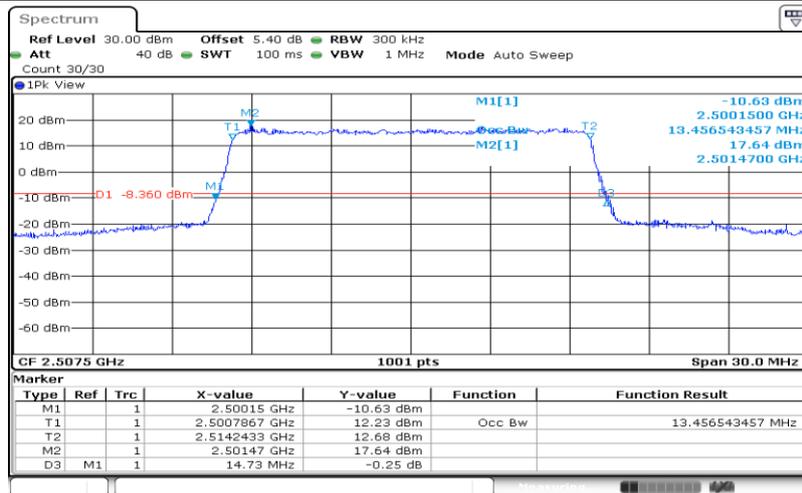
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Band7-10MHz-16QAM-21400-50RB#0-8.951



Date: 3 JUN 2020 15:45:40

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

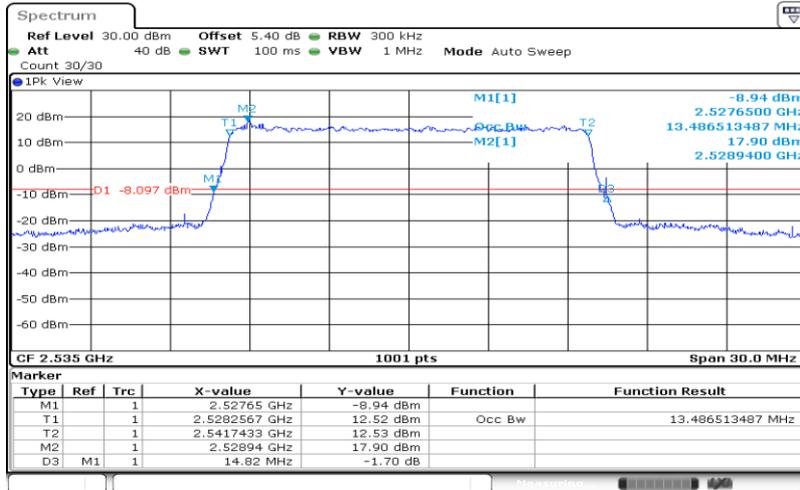


Date: 3 JUN 2020 15:45:59



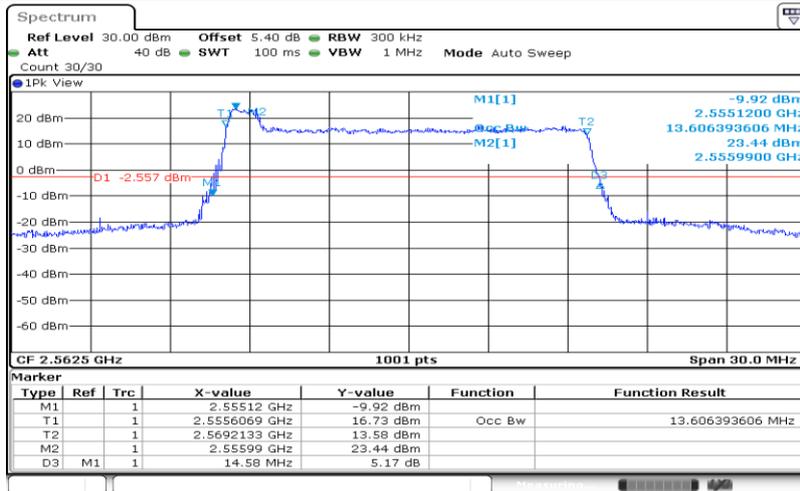
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Band7-15MHz-QPSK-21100-75RB#0-13.487



Date: 3 JUN 2020 15:46:25

Band7-15MHz-QPSK-21375-75RB#0-13.606



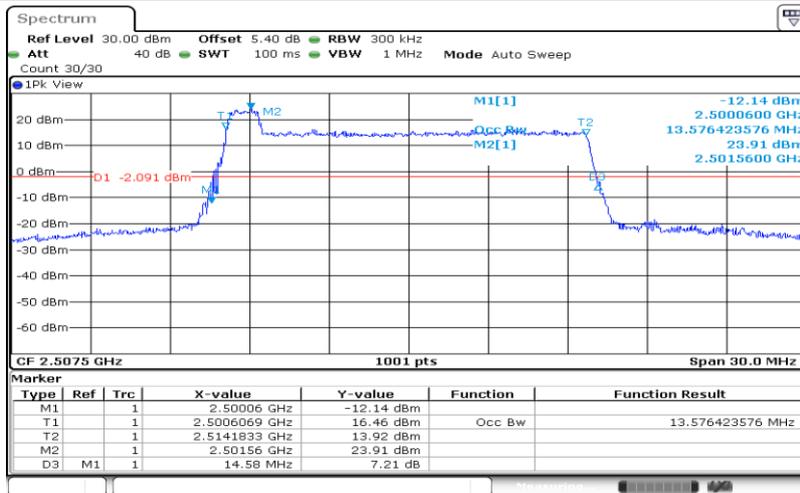
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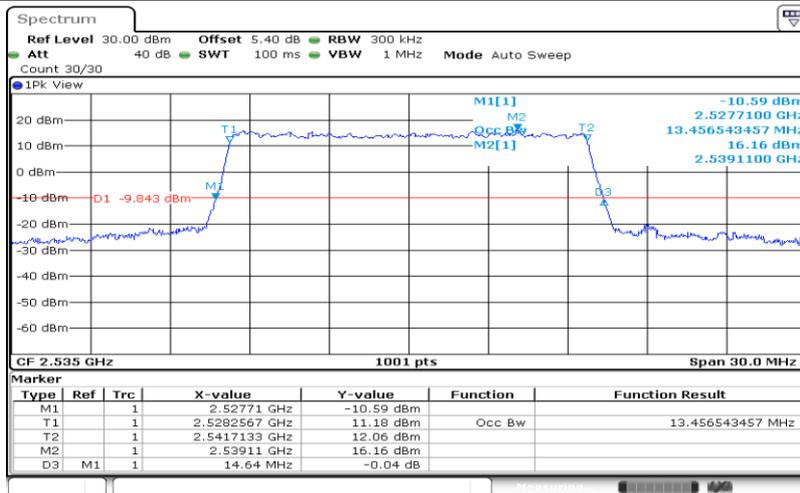


Band7-15MHz-16QAM-20825-75RB#0-13.576



Date: 3 JUN 2020 15:46:12

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

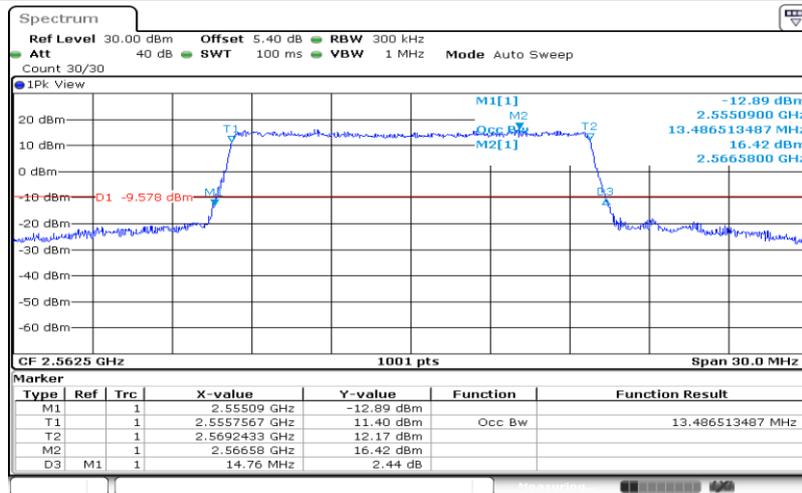


Date: 3 JUN 2020 15:46:38



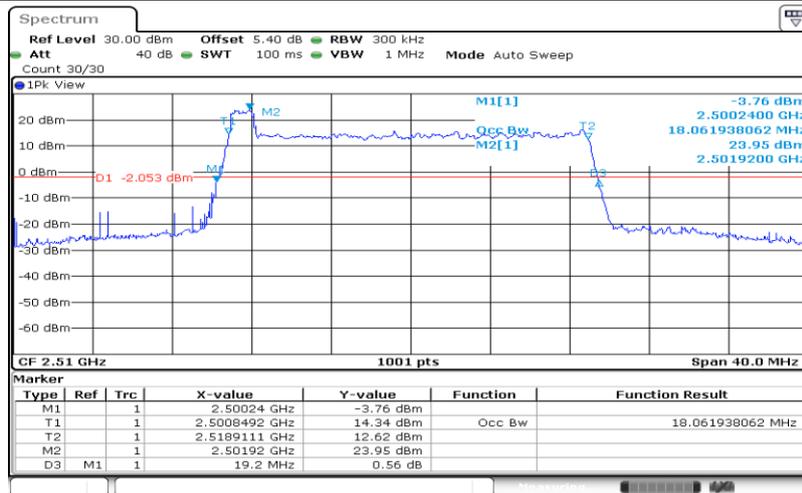
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Band7-15MHz-16QAM-21375-75RB#0-13.487



Date: 3 JUN 2020 15:47:03

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

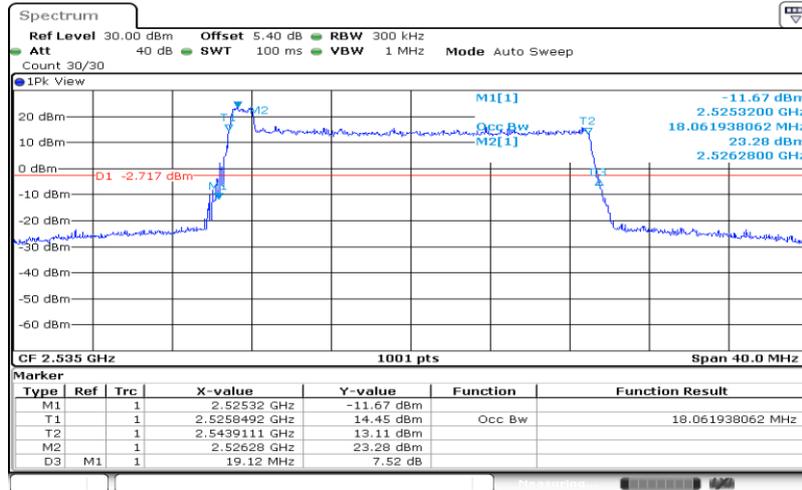


Date: 3 JUN 2020 15:47:22



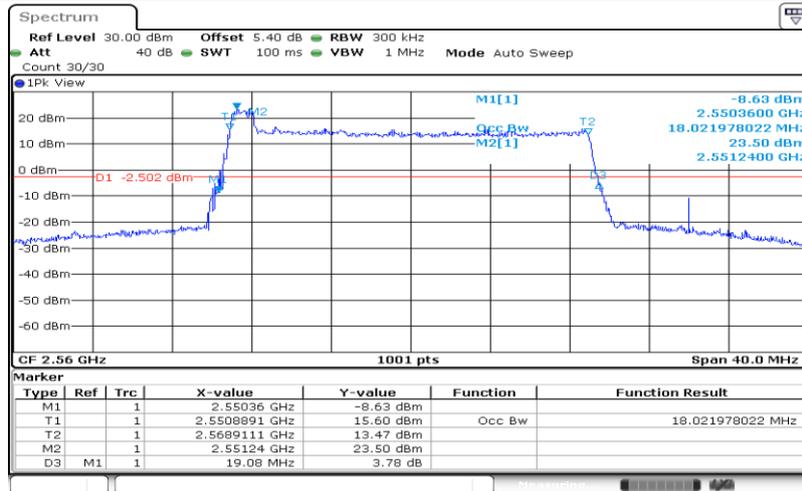
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Band7-20MHz-QPSK-21100-100RB#0-18.062



Date: 3 JUN 2020 15:47:48

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

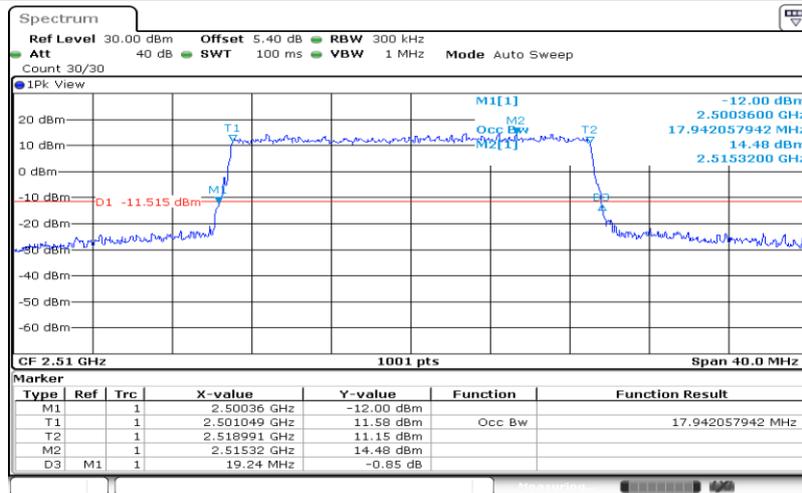


Date: 3 JUN 2020 15:48:14



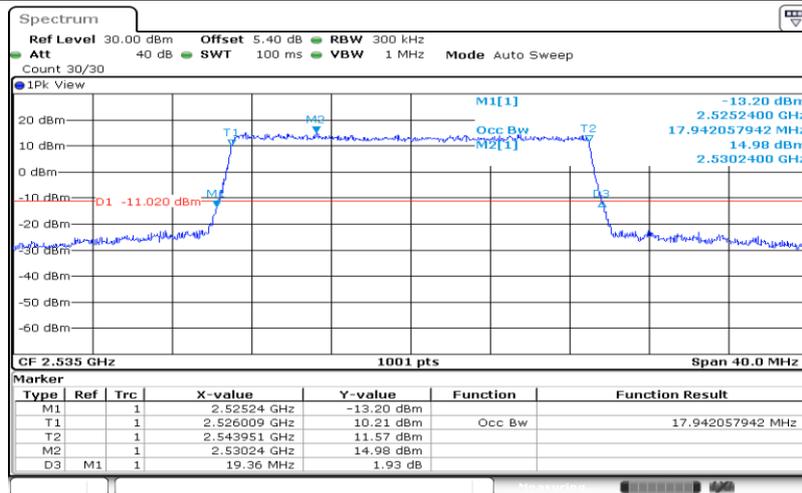
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Band7-20MHz-16QAM-20850-100RB#0-17.942



Date: 3 JUN 2020 15:47:35

Band7-20MHz-16QAM-21100-100RB#0-17.942

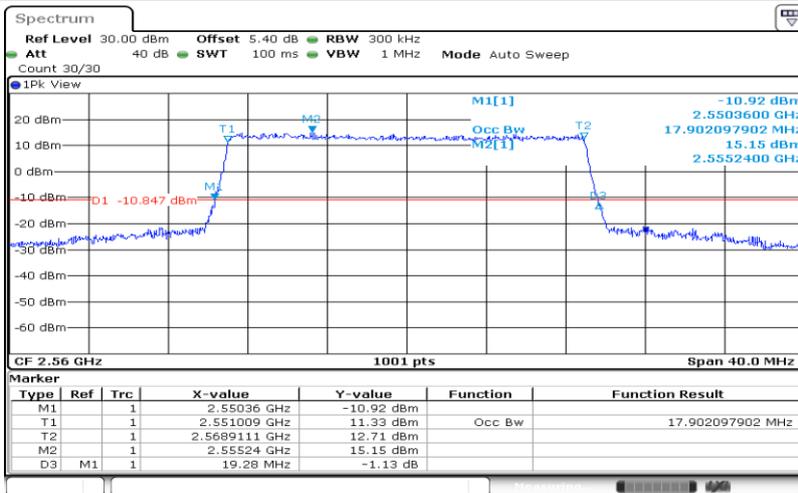


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Band7-20MHz-16QAM-21350-100RB#0-17.902



Date: 3 JUN 2020 15:48:27



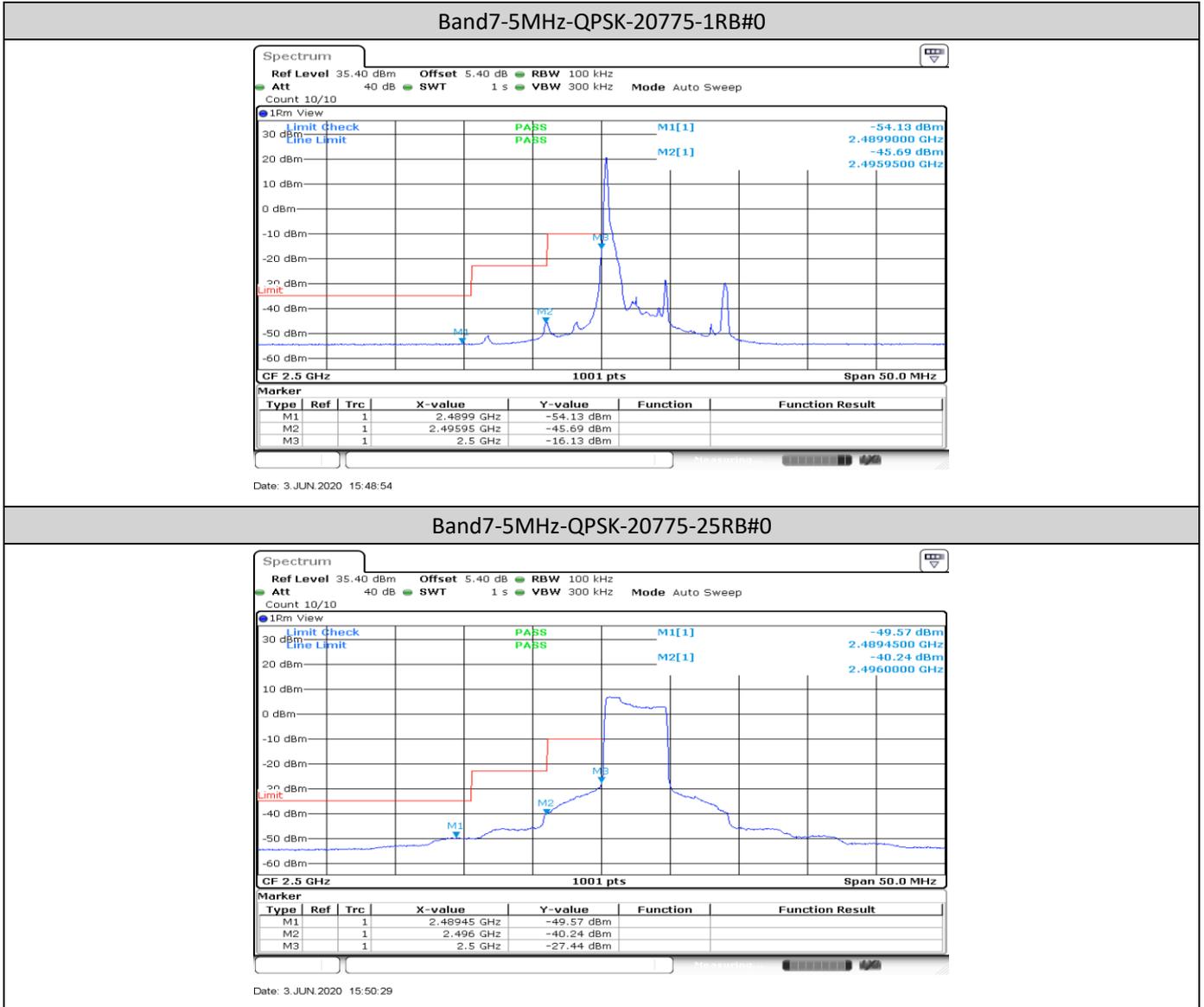
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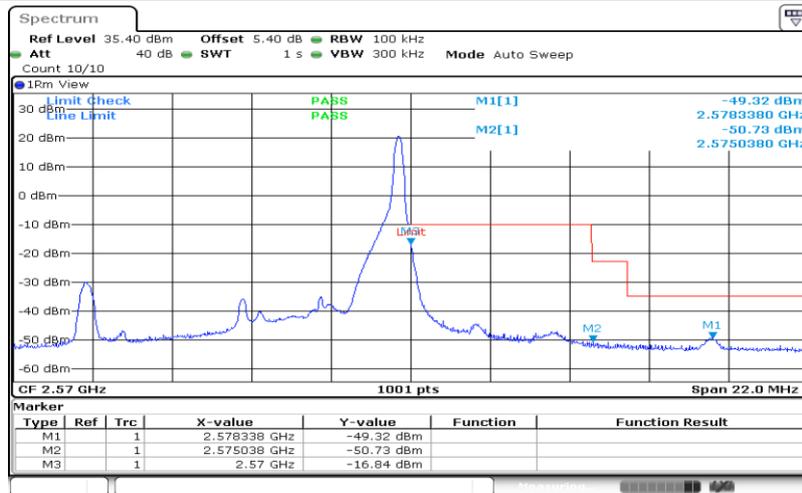
5. Band Edge Compliance

5.1. Test Plots



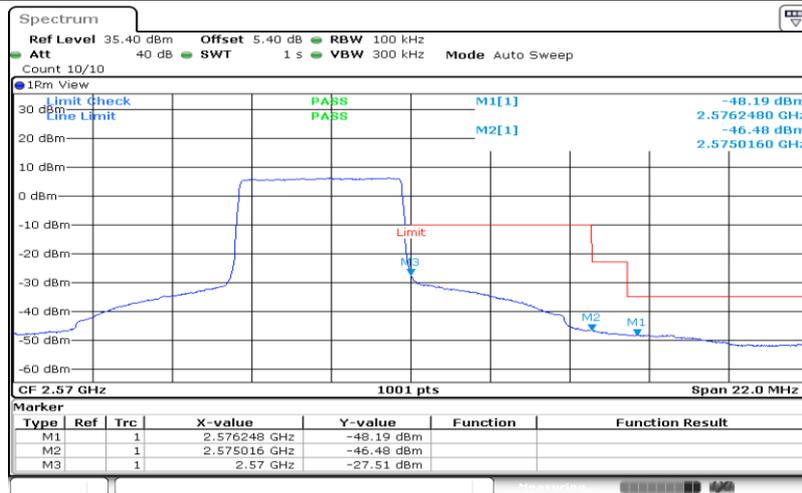
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Band7-5MHz-QPSK-21425-1RB#24



Date: 3 JUN 2020 15:49:41

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

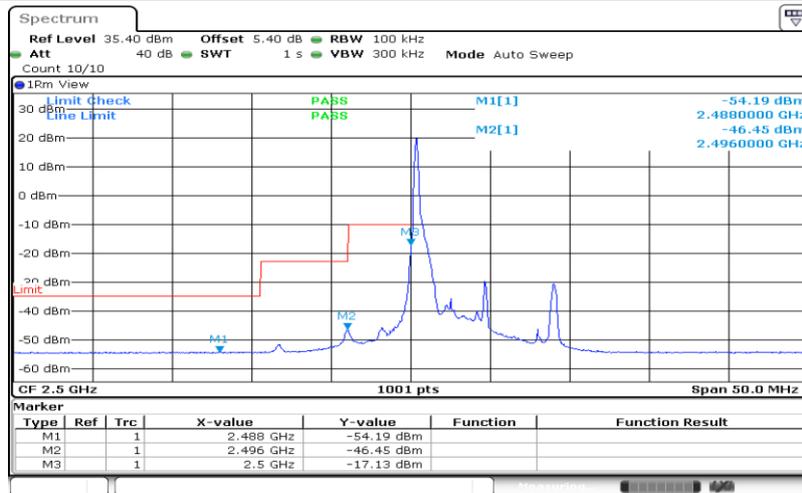


Date: 3 JUN 2020 15:51:12



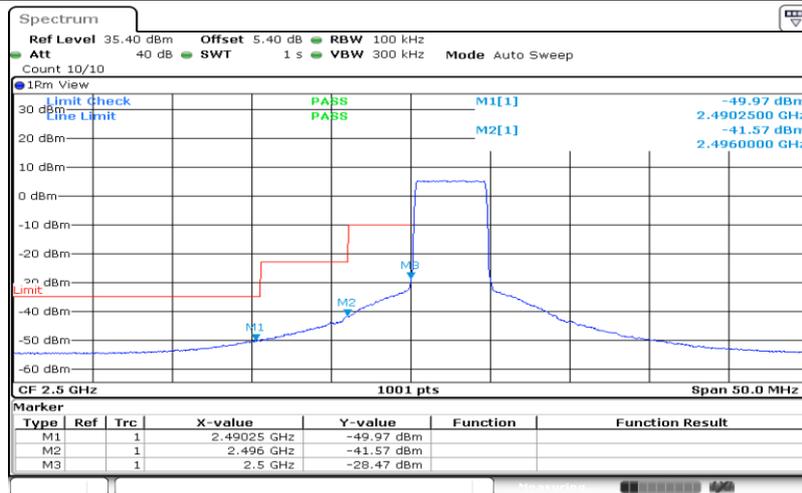
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Band7-5MHz-16QAM-20775-1RB#0



Date: 3 JUN 2020 15:49:16

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



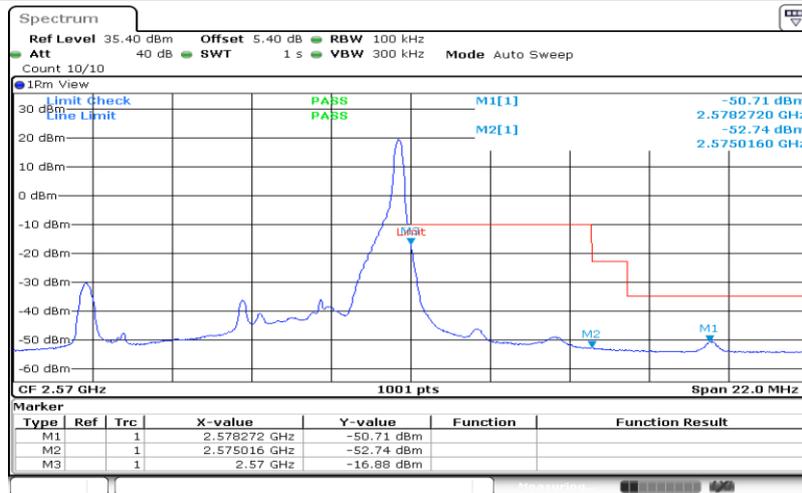
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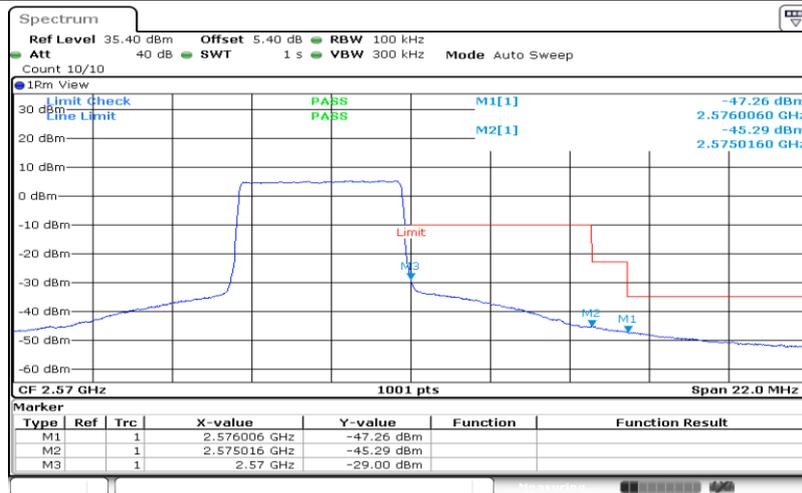
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Date: 3 JUN 2020 15:50:03

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

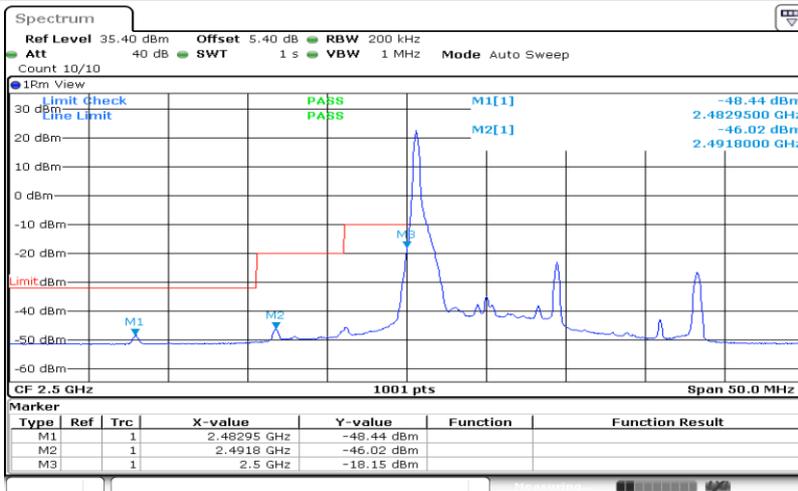


Date: 3 JUN 2020 15:51:33



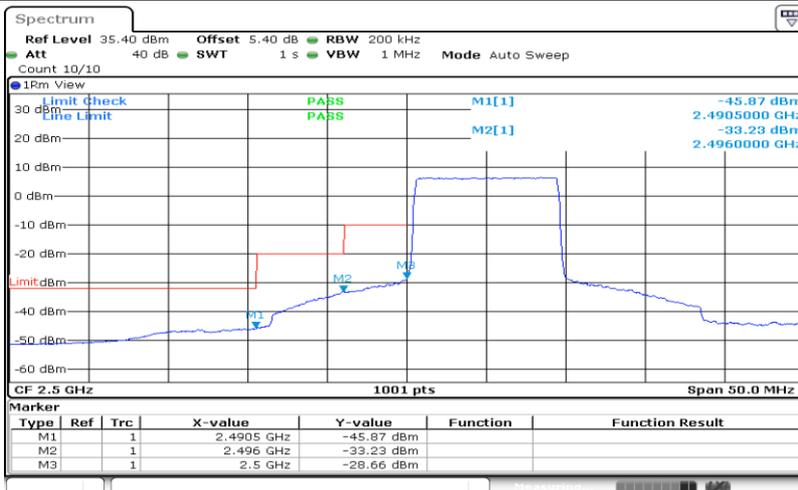
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Band7-10MHz-QPSK-20800-1RB#0



Date: 3 JUN 2020 15:52:00

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



Date: 3 JUN 2020 15:53:34

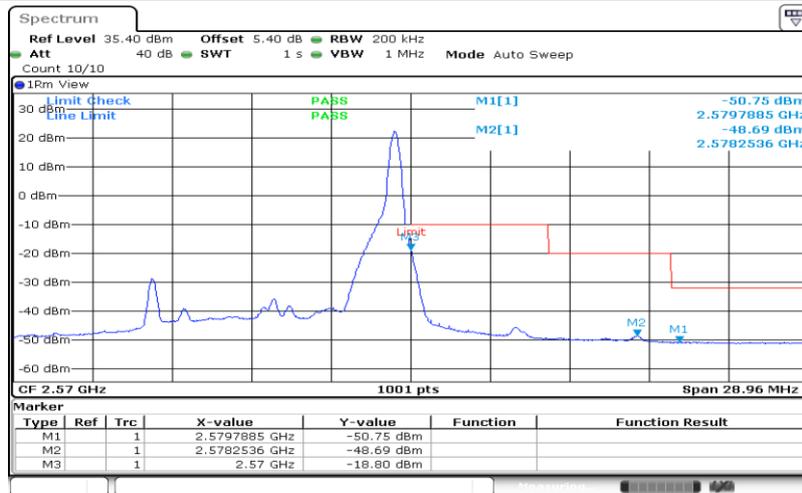


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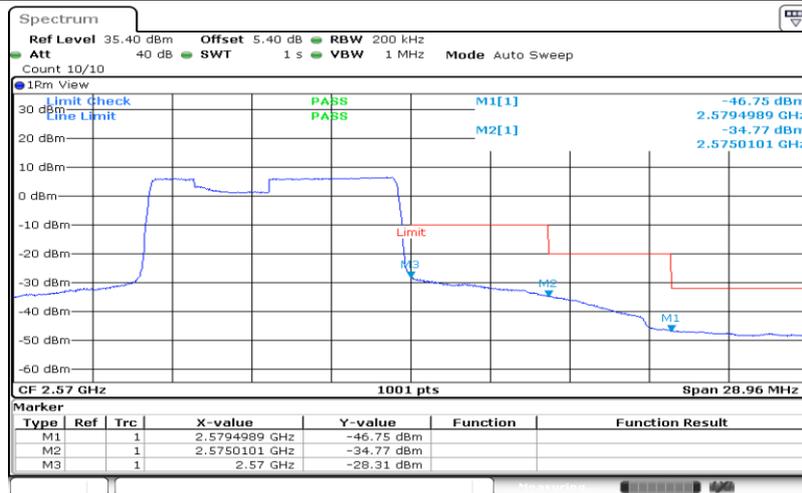
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Band7-10MHz-QPSK-21400-1RB#49



Date: 3 JUN 2020 15:52:47

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

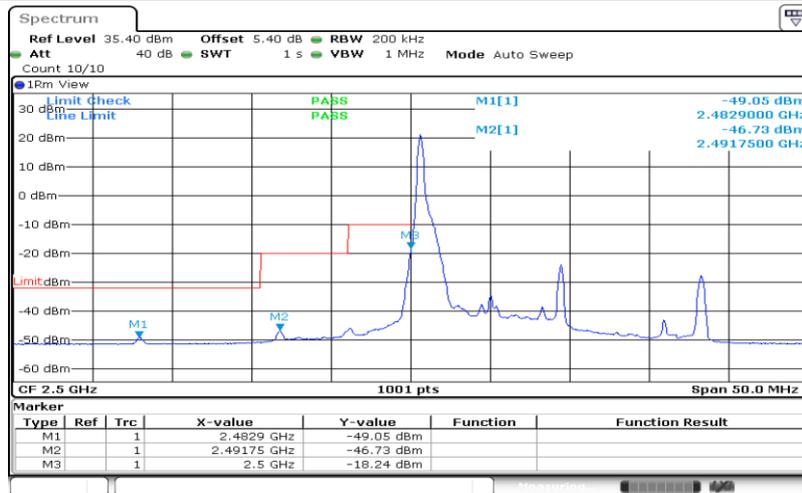


Date: 3 JUN 2020 15:54:16



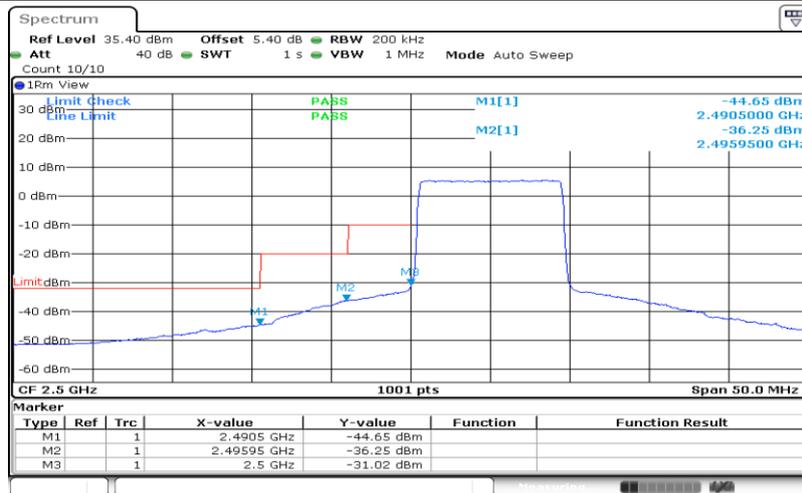
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Band7-10MHz-16QAM-20800-1RB#0



Date: 3 JUN 2020 15:52:21

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



Date: 3 JUN 2020 15:53:55



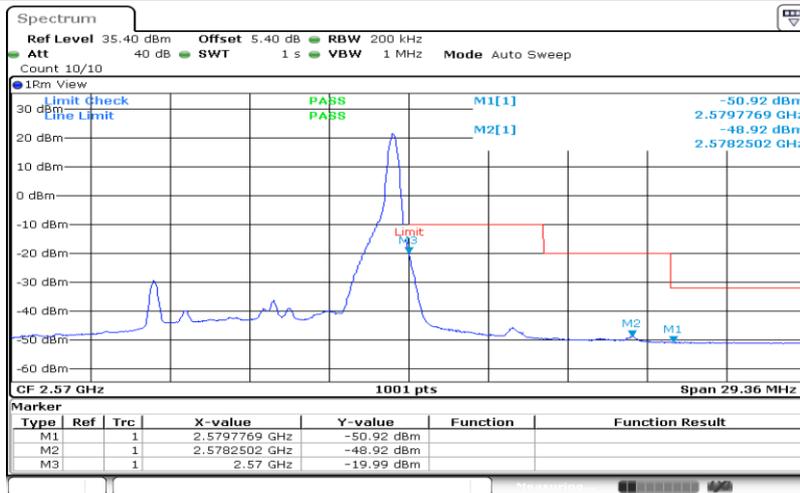
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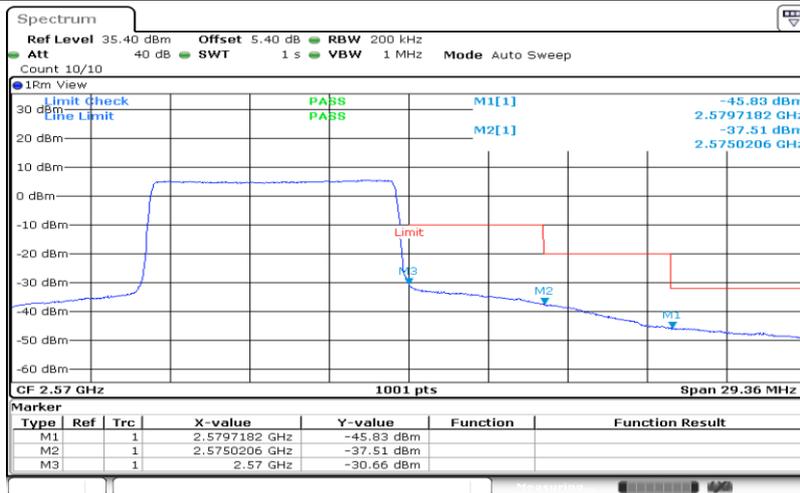


Band7-10MHz-16QAM-21400-1RB#49



Date: 3 JUN 2020 15:53:08

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

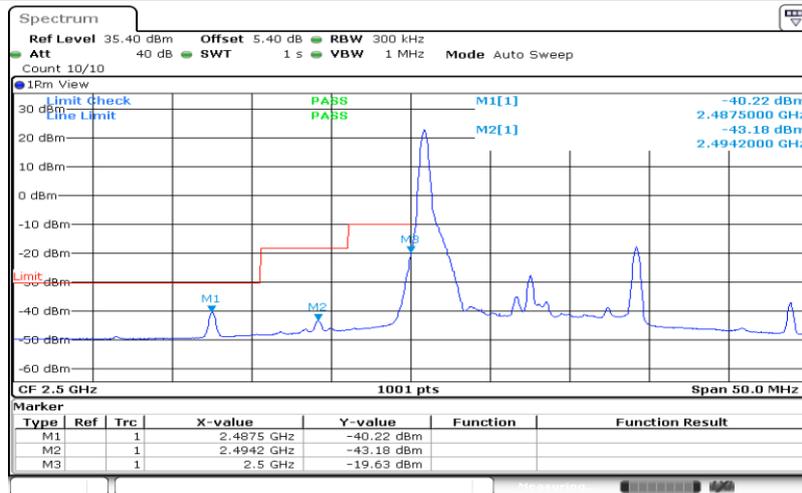


Date: 3 JUN 2020 15:54:38



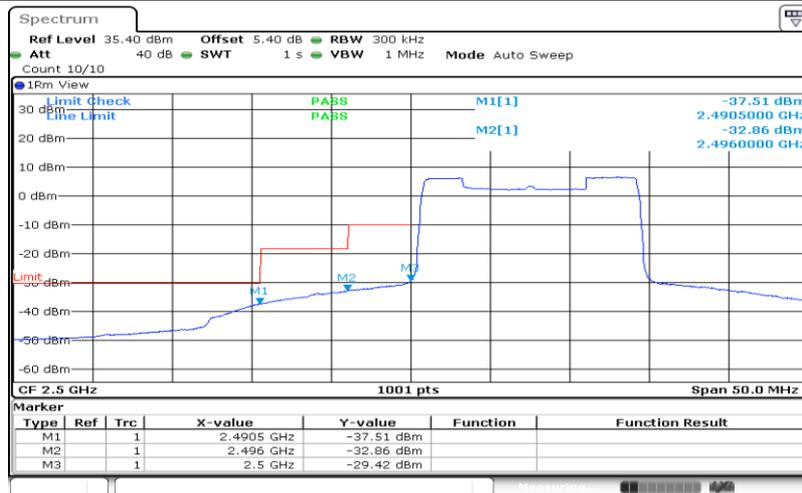
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Band7-15MHz-QPSK-20825-1RB#0



Date: 3 JUN 2020 15:55:05

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

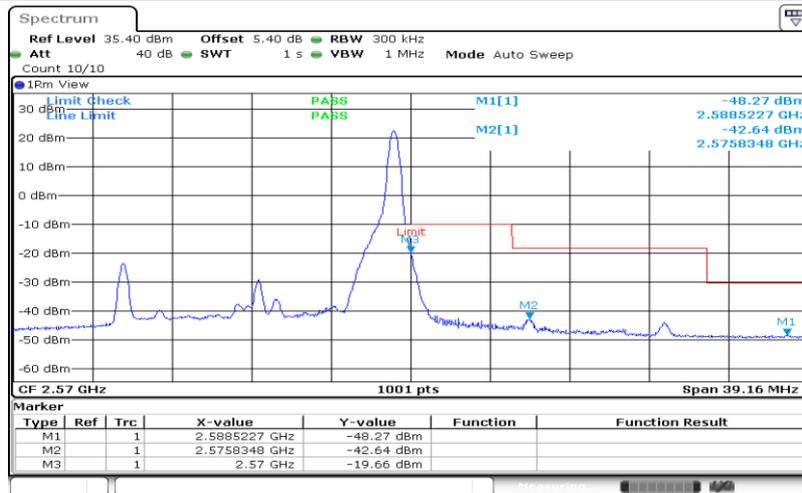


Date: 3 JUN 2020 15:56:39



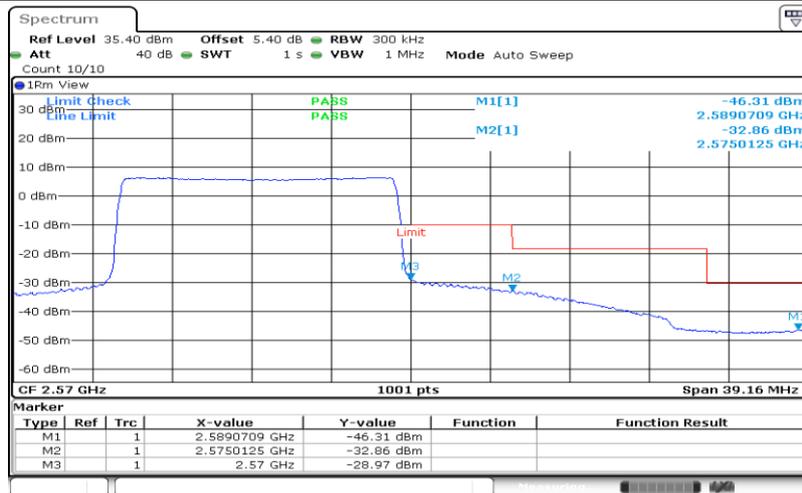
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Band7-15MHz-QPSK-21375-1RB#74



Date: 3 JUN 2020 15:55:52

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

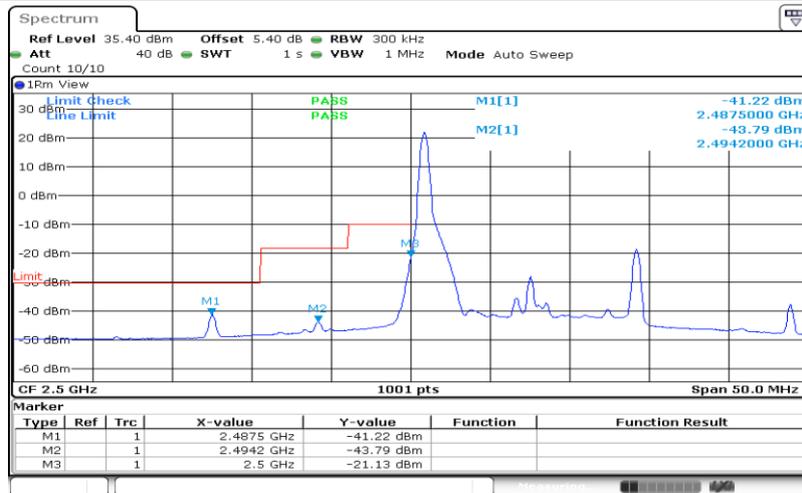


Date: 3 JUN 2020 15:57:22



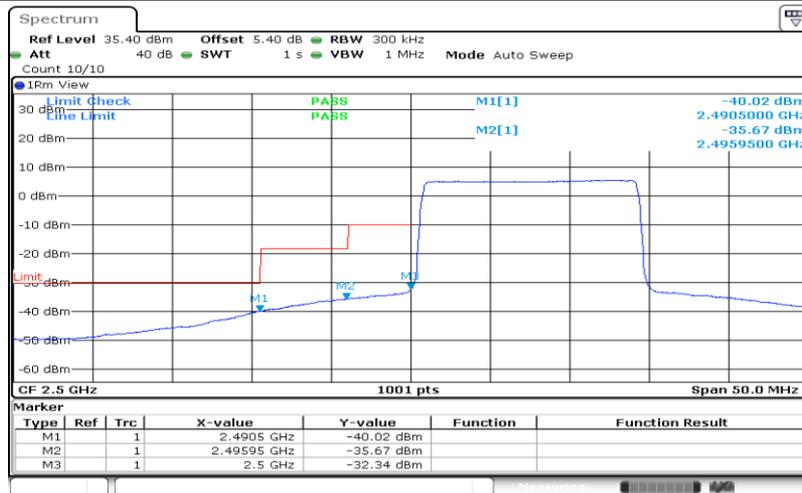
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Band7-15MHz-16QAM-20825-1RB#0



Date: 3 JUN 2020 15:55:26

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

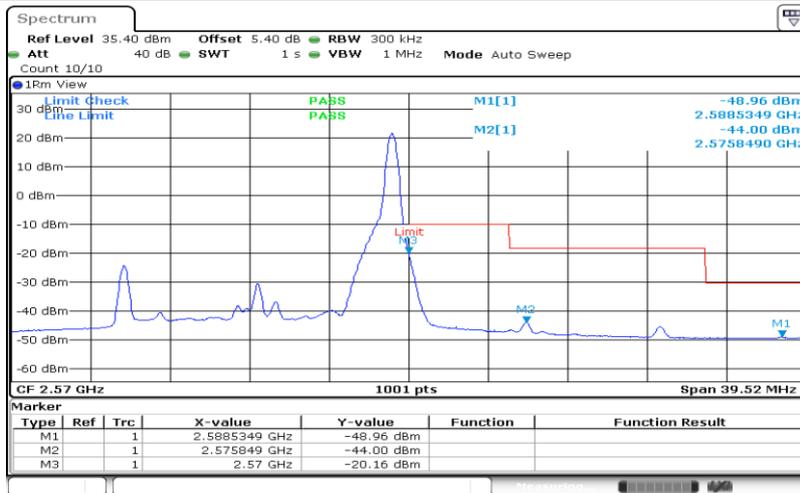


Date: 3 JUN 2020 15:57:00



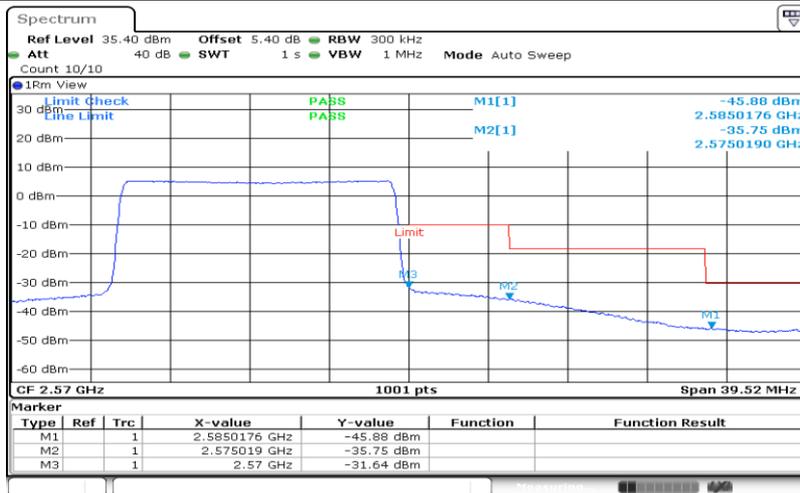
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Band7-15MHz-16QAM-21375-1RB#74



Date: 3 JUN 2020 15:56:13

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

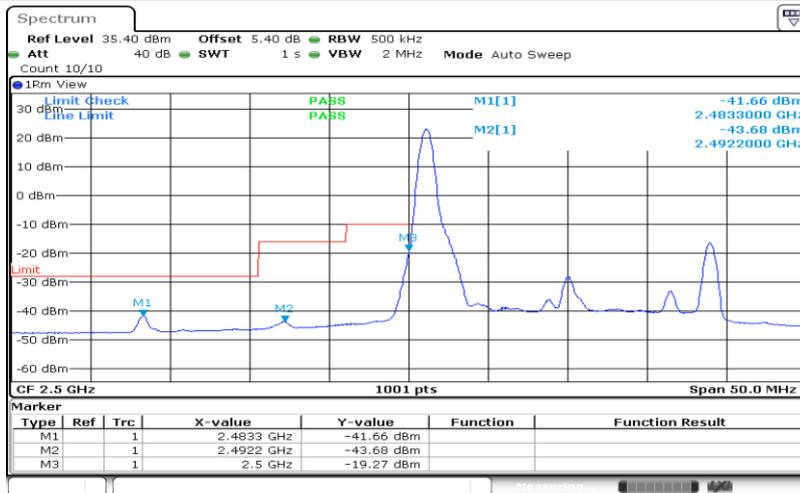


Date: 3 JUN 2020 15:57:43



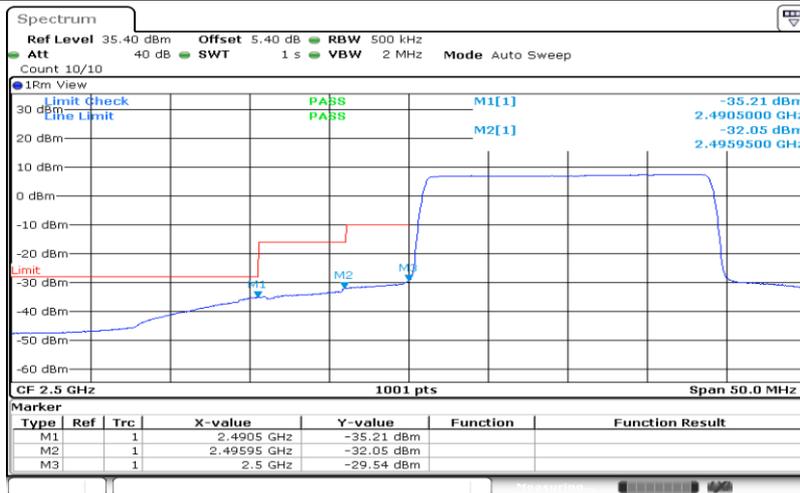
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Band7-20MHz-QPSK-20850-1RB#0



Date: 3 JUN 2020 15:58:10

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

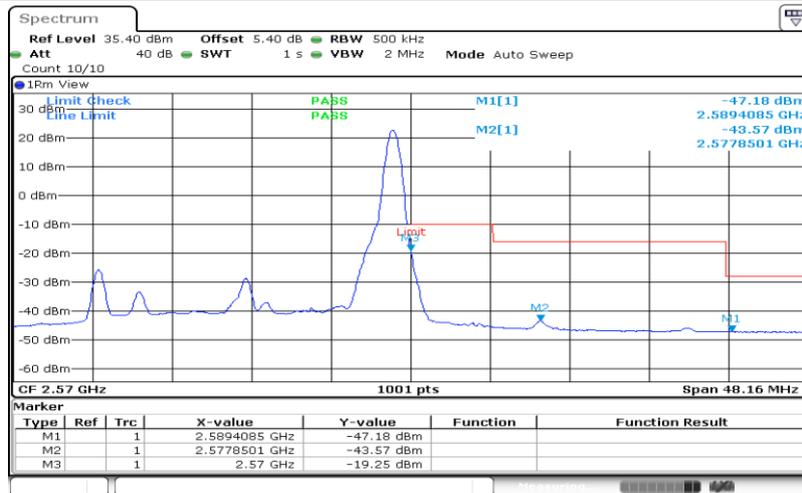


Date: 3 JUN 2020 15:59:45



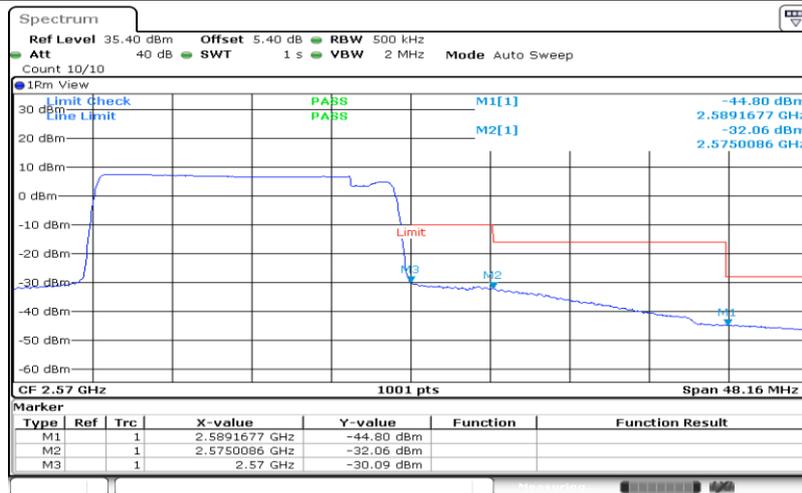
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Band7-20MHz-QPSK-21350-1RB#99



Date: 3 JUN 2020 15:58:58

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

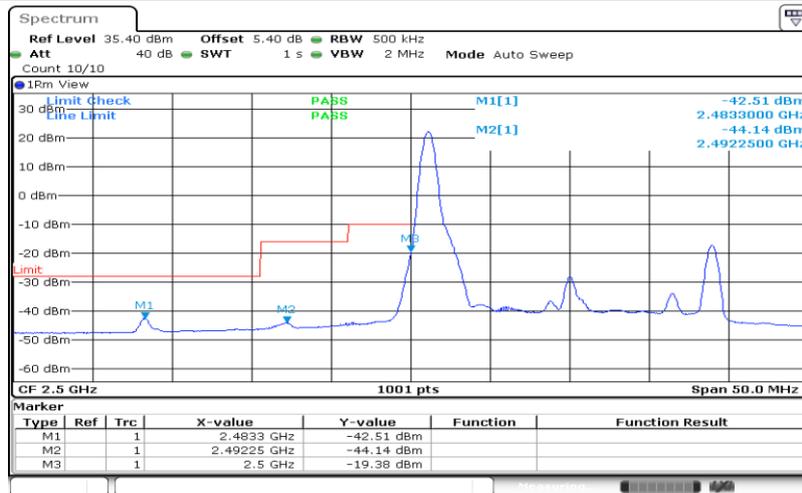


Date: 3 JUN 2020 16:00:28



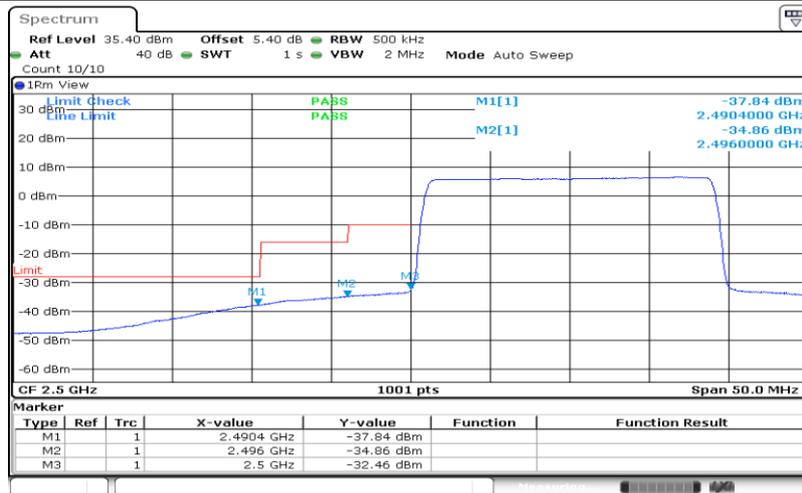
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Band7-20MHz-16QAM-20850-1RB#0



Date: 3 JUN 2020 15:58:32

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



Date: 3 JUN 2020 16:00:06

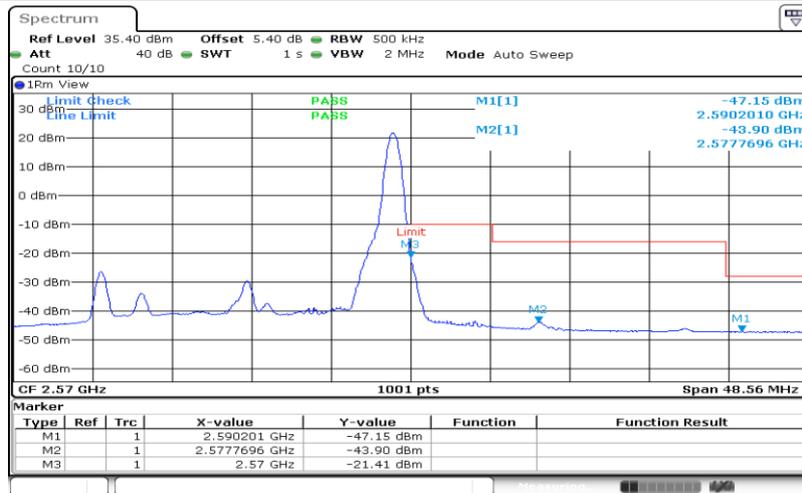


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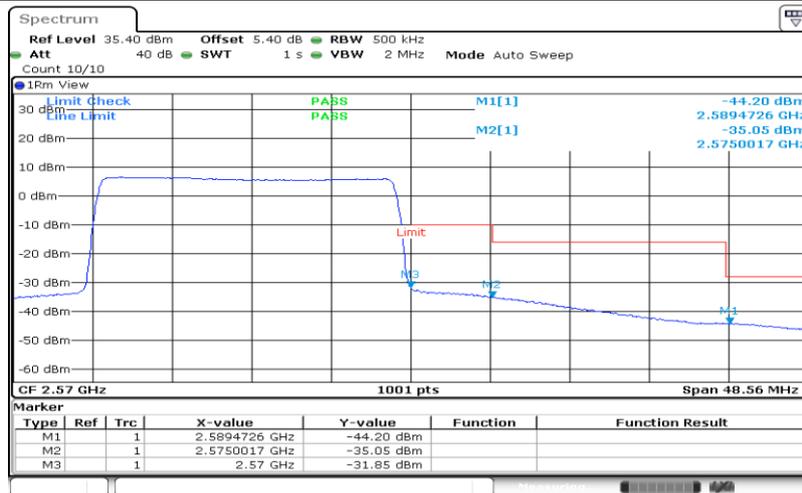
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Band7-20MHz-16QAM-21350-1RB#99



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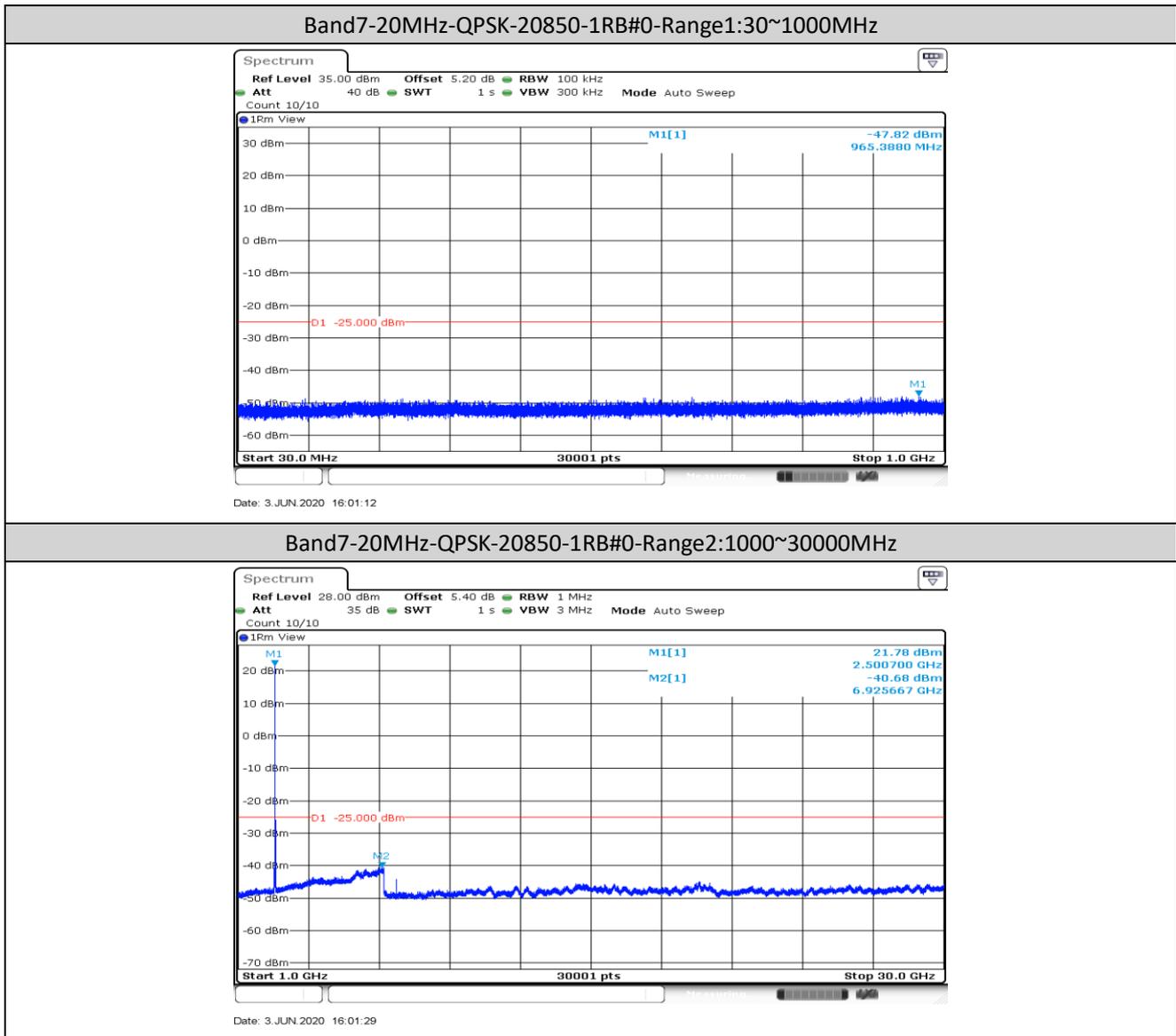
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6. Spurious Emission at Antenna Terminal

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.

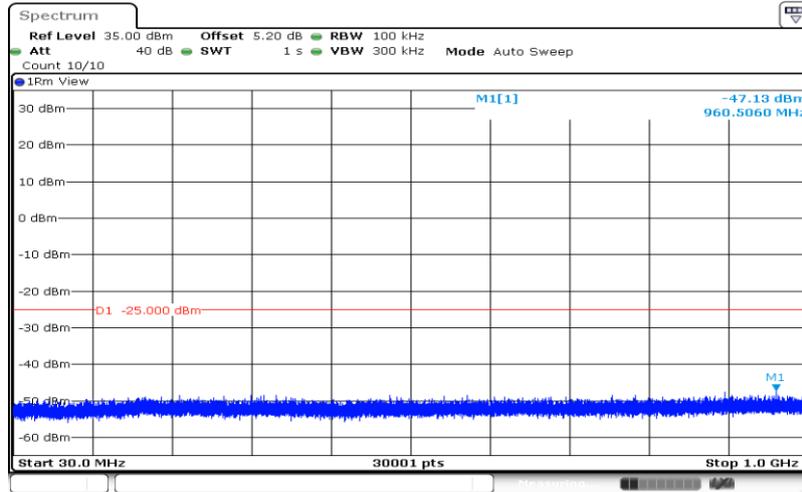
6.1. Test Plots



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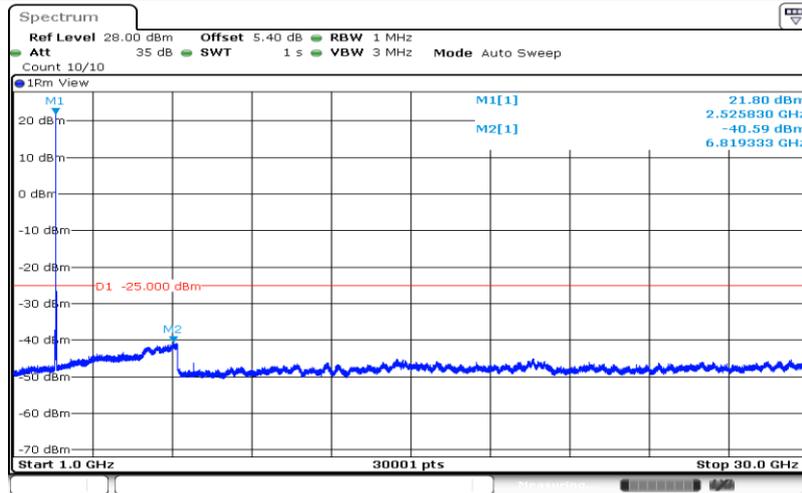


Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 16:02:23

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



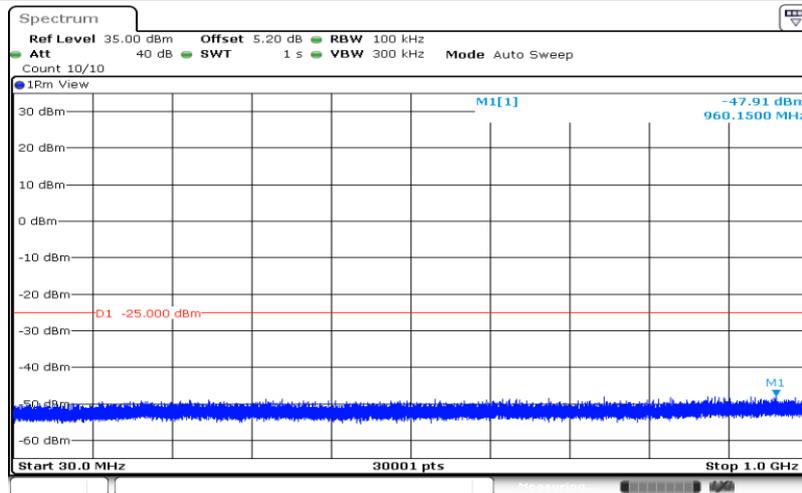
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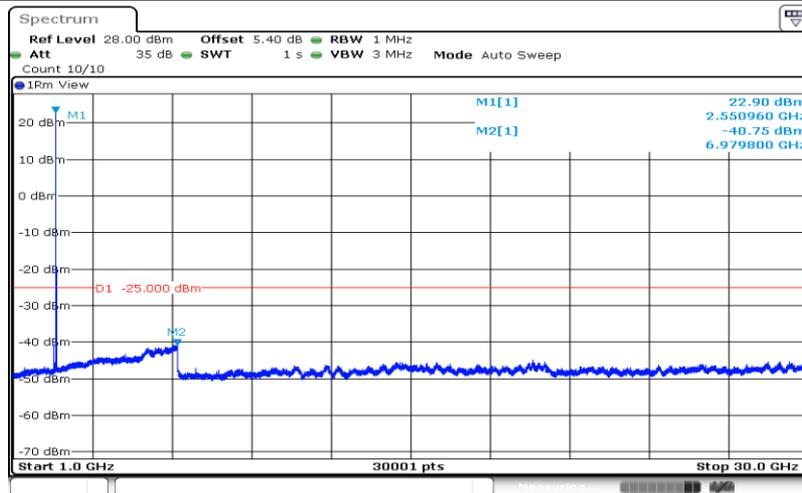


Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 16:03:34

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



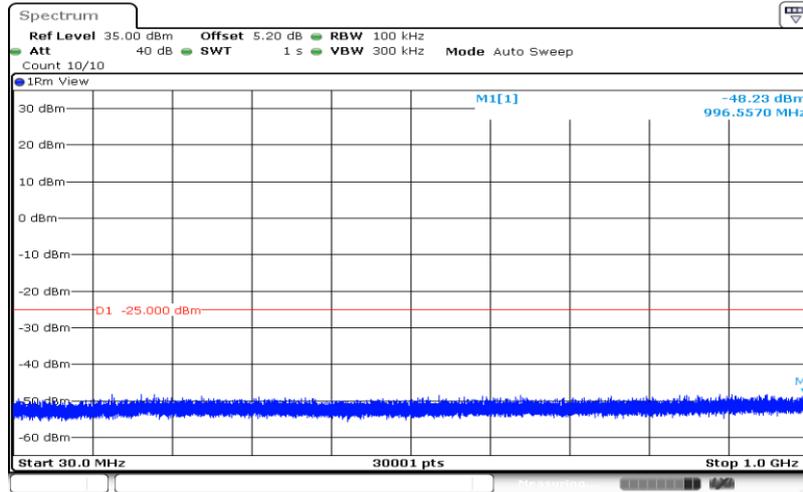
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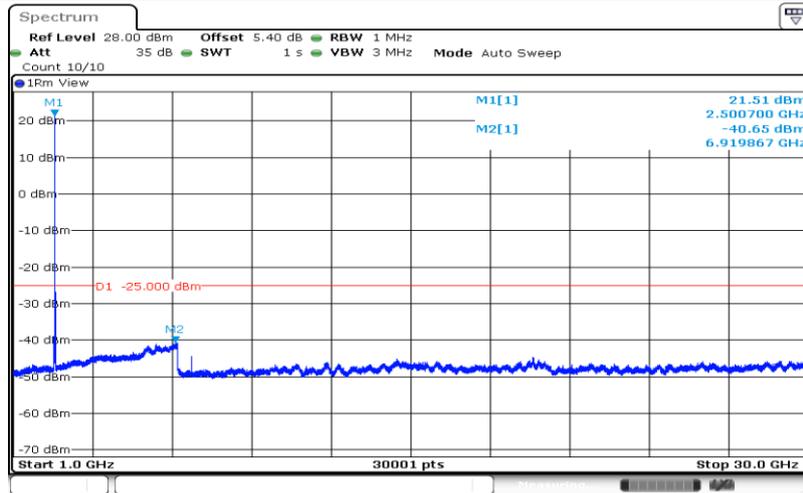


Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 16:01:48

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



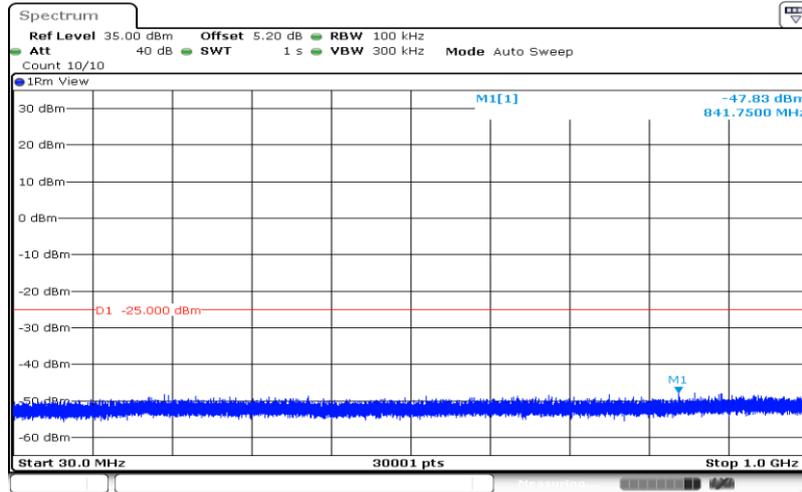
Date: 3 JUN 2020 16:02:04



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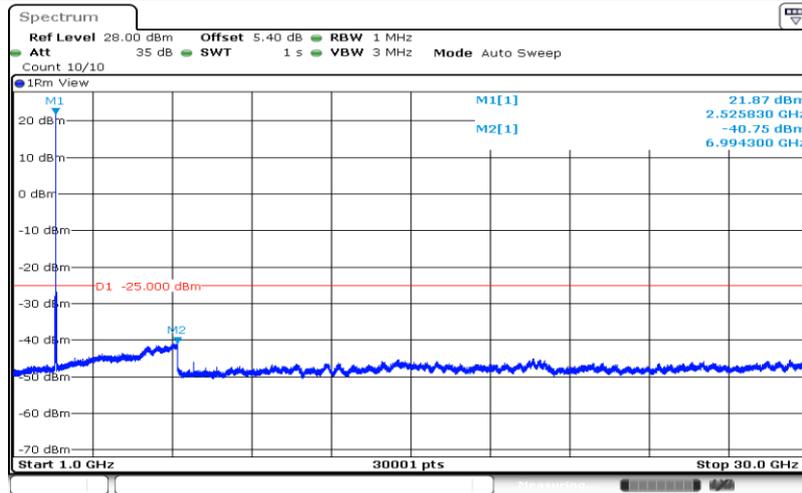


Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 16:02:58

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



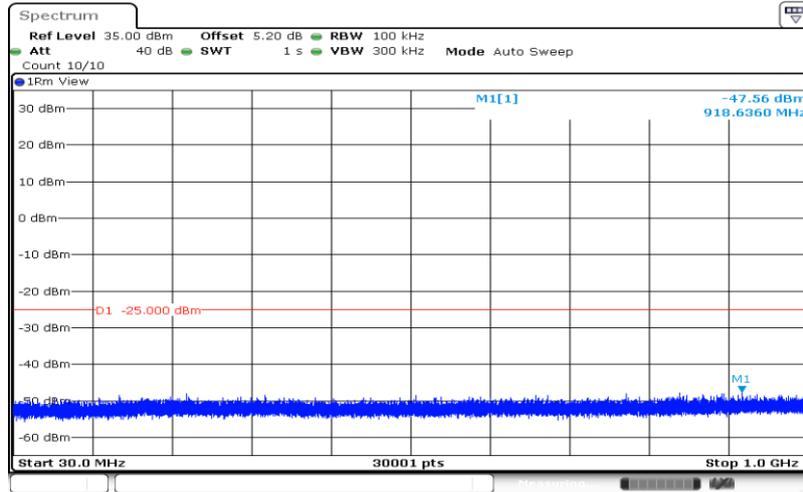
Date: 3 JUN 2020 16:03:14



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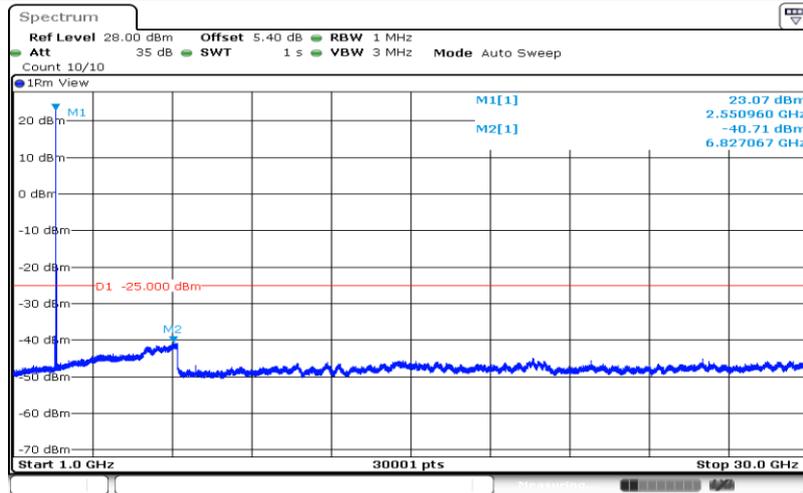


Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Date: 3 JUN 2020 16:04:09

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



Date: 3 JUN 2020 16:04:25



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 106.5853 | -65.69 | -25.00 | 40.69 | Vertical |
| 615.1333 | -65.36 | -25.00 | 40.36 | Vertical |
| 1728.5457 | -45.43 | -25.00 | 20.43 | Vertical |
| 7353.7742 | -58.23 | -25.00 | 33.23 | Vertical |
| 14499.4600 | -49.90 | -25.00 | 24.90 | Vertical |
| 17933.9974 | -43.62 | -25.00 | 18.62 | Vertical |
| 40.7675 | -65.46 | -25.00 | 40.46 | Horizontal |
| 235.3108 | -69.68 | -25.00 | 44.68 | Horizontal |
| 1819.7640 | -44.70 | -25.00 | 19.70 | Horizontal |
| 7459.9784 | -58.65 | -25.00 | 33.65 | Horizontal |
| 16386.5355 | -46.10 | -25.00 | 21.10 | Horizontal |
| 17999.4000 | -47.44 | -25.00 | 22.44 | Horizontal |

7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 106.3428 | -66.88 | -25.00 | 41.88 | Vertical |
| 751.7161 | -63.37 | -25.00 | 38.37 | Vertical |
| 1726.5453 | -45.43 | -25.00 | 20.43 | Vertical |
| 7908.1963 | -58.29 | -25.00 | 33.29 | Vertical |
| 14492.2597 | -49.64 | -25.00 | 24.64 | Vertical |
| 17999.4000 | -43.11 | -25.00 | 18.11 | Vertical |
| 41.3011 | -65.32 | -25.00 | 40.32 | Horizontal |
| 235.8443 | -68.73 | -25.00 | 43.73 | Horizontal |
| 1800.5601 | -44.39 | -25.00 | 19.39 | Horizontal |
| 7474.9790 | -58.67 | -25.00 | 33.67 | Horizontal |
| 16386.5355 | -46.26 | -25.00 | 21.26 | Horizontal |
| 17998.8000 | -47.53 | -25.00 | 22.53 | Horizontal |



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7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 109.9805 | -65.56 | -25.00 | 40.56 | Vertical |
| 669.1165 | -64.50 | -25.00 | 39.50 | Vertical |
| 1718.9438 | -45.49 | -25.00 | 20.49 | Vertical |
| 7354.9742 | -57.81 | -25.00 | 32.81 | Vertical |
| 14519.2608 | -50.09 | -25.00 | 25.09 | Vertical |
| 17998.8000 | -43.02 | -25.00 | 18.02 | Vertical |
| 44.0657 | -65.19 | -25.00 | 40.19 | Horizontal |
| 238.6089 | -68.93 | -25.00 | 43.93 | Horizontal |
| 1803.3607 | -44.71 | -25.00 | 19.71 | Horizontal |
| 7405.9762 | -58.90 | -25.00 | 33.90 | Horizontal |
| 16384.7354 | -46.01 | -25.00 | 21.01 | Horizontal |
| 17987.9995 | -47.70 | -25.00 | 22.70 | Horizontal |

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

| Band | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VL | NT | -7.60 | -0.003028 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VN | NT | -10.20 | -0.004064 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VH | NT | 0.60 | 0.000239 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VL | NT | -7.20 | -0.002840 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VN | NT | -5.10 | -0.002012 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VH | NT | 2.70 | 0.001065 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VL | NT | -16.40 | -0.006406 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VN | NT | -11.70 | -0.004570 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VH | NT | -10.60 | -0.004141 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VL | NT | -10.50 | -0.004183 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VN | NT | -14.50 | -0.005777 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VH | NT | 0.20 | 0.000080 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VL | NT | -13.40 | -0.005286 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VN | NT | -0.10 | -0.000039 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VH | NT | -8.70 | -0.003432 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VL | NT | -14.80 | -0.005781 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VN | NT | 1.40 | 0.000547 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VH | NT | -11.70 | -0.004570 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | -8.70 | -0.003466 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | -4.40 | -0.001753 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | -3.50 | -0.001394 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VL | NT | -13.20 | -0.005207 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VN | NT | 3.50 | 0.001381 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | 1.40 | 0.000552 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VL | NT | -3.80 | -0.001484 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VN | NT | -6.60 | -0.002578 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | 0.20 | 0.000078 | ±2.5 | PASS |



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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 | -11.50 | -0.004582 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -20 | 5.70 | 0.002271 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 0 | 4.80 | 0.001912 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 10 | -11.20 | -0.004462 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 20 | -1.10 | -0.000438 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 30 | 0.70 | 0.000279 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 40 | 6.00 | 0.002390 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 50 | 1.80 | 0.000717 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -30 | 7.80 | 0.003077 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -20 | -0.80 | -0.000316 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 0 | -11.60 | -0.004576 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 10 | 4.30 | 0.001696 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 20 | -0.40 | -0.000158 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 30 | -7.00 | -0.002761 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 40 | -2.30 | -0.000907 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 50 | -4.40 | -0.001736 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -30 | -14.20 | -0.005547 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -20 | -11.70 | -0.004570 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 0 | -3.20 | -0.001250 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 10 | -9.80 | -0.003828 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 20 | -3.20 | -0.001250 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 30 | 2.60 | 0.001016 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 40 | -8.90 | -0.003477 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 50 | 0.40 | 0.000156 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -5.50 | -0.002191 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | -7.50 | -0.002988 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0 | -12.10 | -0.004821 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10 | -6.90 | -0.002749 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20 | -8.60 | -0.003426 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30 | -1.60 | -0.000637 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 40 | -8.90 | -0.003546 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 50 | -7.30 | -0.002908 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | -10.10 | -0.003984 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | -6.70 | -0.002643 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0 | -8.40 | -0.003314 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10 | -16.60 | -0.006548 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20 | -3.70 | -0.001460 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30 | -14.70 | -0.005799 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40 | -14.50 | -0.005720 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50 | -1.00 | -0.000394 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | 1.00 | 0.000391 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | -15.90 | -0.006211 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0 | -10.40 | -0.004063 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10 | 5.90 | 0.002305 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20 | -15.40 | -0.006016 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30 | -7.30 | -0.002852 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40 | 1.00 | 0.000391 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50 | -1.90 | -0.000742 | ±2.5 | PASS |



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