

Appendix B

E-UTRA Band 4



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | 23.06 | 21.06 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#2 | 23.16 | 21.16 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | 23.15 | 21.15 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#0 | 23.24 | 21.24 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#2 | 23.22 | 21.22 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#3 | 23.07 | 21.07 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 22.49 | 20.49 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | 22.92 | 20.92 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#2 | 23.16 | 21.16 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#5 | 22.98 | 20.98 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#0 | 23.05 | 21.05 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#2 | 23.01 | 21.01 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#3 | 22.83 | 20.83 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 22.36 | 20.36 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | 23.17 | 21.17 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#2 | 23.19 | 21.19 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | 23.16 | 21.16 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#0 | 23.15 | 21.15 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#2 | 23.28 | 21.28 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#3 | 23.14 | 21.14 | 30.00 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 22.68 | 20.68 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0 | 21.54 | 19.54 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#2 | 21.65 | 19.65 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#5 | 21.67 | 19.67 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#0 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#2 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#3 | 21.67 | 19.67 | 30.00 | PASS |



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| | | | | | | | | |
|-------|--------|-------|-------|-------|-------|-------|-------|------|
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0 | 20.77 | 18.77 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#0 | 21.68 | 19.68 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#2 | 21.67 | 19.67 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#5 | 21.54 | 19.54 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#0 | 21.62 | 19.62 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#2 | 21.68 | 19.68 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#3 | 21.65 | 19.65 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0 | 20.75 | 18.75 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#0 | 21.59 | 19.59 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#2 | 21.59 | 19.59 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5 | 21.59 | 19.59 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#0 | 21.63 | 19.63 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#2 | 21.66 | 19.66 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#3 | 21.64 | 19.64 | 30.00 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0 | 20.54 | 18.54 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | 22.45 | 20.45 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2 | 22.73 | 20.73 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | 22.58 | 20.58 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0 | 22.55 | 20.55 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#2 | 22.60 | 20.60 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3 | 22.54 | 20.54 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 21.55 | 19.55 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 22.66 | 20.66 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2 | 22.92 | 20.92 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5 | 22.42 | 20.42 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0 | 22.28 | 20.28 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#2 | 22.45 | 20.45 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3 | 22.43 | 20.43 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 21.39 | 19.39 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 22.60 | 20.60 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2 | 23.09 | 21.09 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | 22.87 | 20.87 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0 | 22.62 | 20.62 | 30.00 | PASS |



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| | | | | | | | | |
|-------|--------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#2 | 22.80 | 20.80 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3 | 22.72 | 20.72 | 30.00 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 21.58 | 19.58 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | 23.22 | 21.22 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#7 | 23.24 | 21.24 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#14 | 23.12 | 21.12 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#0 | 22.59 | 20.59 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#4 | 22.57 | 20.57 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#7 | 22.58 | 20.58 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 22.61 | 20.61 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#0 | 22.95 | 20.95 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#7 | 23.21 | 21.21 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#14 | 23.09 | 21.09 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#0 | 22.59 | 20.59 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#4 | 22.61 | 20.61 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#7 | 22.54 | 20.54 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 22.56 | 20.56 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#0 | 22.99 | 20.99 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#7 | 23.28 | 21.28 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#14 | 23.18 | 21.18 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#0 | 22.56 | 20.56 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#4 | 22.58 | 20.58 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#7 | 22.60 | 20.60 | 30.00 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 22.51 | 20.51 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#0 | 21.58 | 19.58 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#7 | 21.60 | 19.60 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#14 | 21.66 | 19.66 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#0 | 20.67 | 18.67 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#4 | 20.70 | 18.70 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#7 | 20.72 | 18.72 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0 | 20.74 | 18.74 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#0 | 21.59 | 19.59 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#7 | 21.54 | 19.54 | 30.00 | PASS |



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|-------|------|-------|-------|--------|-------|-------|-------|------|
| Band4 | 3MHz | 64QAM | 20175 | 1RB#14 | 21.60 | 19.60 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#0 | 20.75 | 18.75 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#4 | 20.78 | 18.78 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#7 | 20.69 | 18.69 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0 | 20.61 | 18.61 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#0 | 21.57 | 19.57 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#7 | 21.68 | 19.68 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14 | 21.57 | 19.57 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#0 | 20.78 | 18.78 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#4 | 20.54 | 18.54 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#7 | 20.75 | 18.75 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0 | 20.76 | 18.76 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | 22.64 | 20.64 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#7 | 22.57 | 20.57 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 22.59 | 20.59 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0 | 21.73 | 19.73 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4 | 21.64 | 19.64 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7 | 21.69 | 19.69 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 21.65 | 19.65 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0 | 22.84 | 20.84 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#7 | 22.71 | 20.71 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 22.17 | 20.17 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0 | 21.70 | 19.70 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4 | 21.66 | 19.66 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7 | 21.62 | 19.62 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 21.70 | 19.70 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0 | 22.67 | 20.67 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#7 | 23.01 | 21.01 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 22.19 | 20.19 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4 | 21.76 | 19.76 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7 | 21.59 | 19.59 | 30.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 21.60 | 19.60 | 30.00 | PASS |



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| | | | | | | | | |
|-------|------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | 23.11 | 21.11 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#13 | 23.14 | 21.14 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#24 | 23.03 | 21.03 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#0 | 22.49 | 20.49 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#6 | 22.47 | 20.47 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#13 | 22.49 | 20.49 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 22.47 | 20.47 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#0 | 23.11 | 21.11 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#13 | 23.39 | 21.39 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#24 | 23.24 | 21.24 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#0 | 22.74 | 20.74 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#6 | 22.77 | 20.77 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#13 | 22.70 | 20.70 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 22.97 | 20.97 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#0 | 23.26 | 21.26 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#13 | 23.18 | 21.18 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#24 | 22.56 | 20.56 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#0 | 22.54 | 20.54 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#6 | 22.61 | 20.61 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#13 | 22.52 | 20.52 | 30.00 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 22.97 | 20.97 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0 | 21.67 | 19.67 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#13 | 21.62 | 19.62 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#24 | 21.67 | 19.67 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#0 | 20.54 | 18.54 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#6 | 20.54 | 18.54 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#13 | 20.67 | 18.67 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0 | 20.73 | 18.73 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0 | 21.65 | 19.65 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#13 | 21.55 | 19.55 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#24 | 21.62 | 19.62 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#0 | 20.65 | 18.65 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#6 | 20.54 | 18.54 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 5MHz | 64QAM | 20175 | 12RB#13 | 20.73 | 18.73 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0 | 20.77 | 18.77 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#0 | 21.60 | 19.60 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#13 | 21.58 | 19.58 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#24 | 21.62 | 19.62 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#0 | 20.78 | 18.78 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#6 | 20.58 | 18.58 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#13 | 20.73 | 18.73 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0 | 20.56 | 18.56 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | 22.51 | 20.51 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#13 | 22.43 | 20.43 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24 | 22.47 | 20.47 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6 | 21.52 | 19.52 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.58 | 19.58 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 21.55 | 19.55 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0 | 23.05 | 21.05 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#13 | 22.46 | 20.46 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24 | 22.36 | 20.36 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0 | 21.91 | 19.91 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6 | 21.82 | 19.82 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 21.81 | 19.81 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 21.86 | 19.86 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0 | 22.62 | 20.62 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#13 | 22.97 | 20.97 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24 | 22.19 | 20.19 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0 | 21.56 | 19.56 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6 | 21.72 | 19.72 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 21.54 | 19.54 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 21.57 | 19.57 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | 23.12 | 21.12 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#25 | 23.09 | 21.09 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#49 | 23.01 | 21.01 | 30.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 10MHz | QPSK | 20000 | 25RB#0 | 22.50 | 20.50 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#13 | 22.47 | 20.47 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#25 | 22.45 | 20.45 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 22.43 | 20.43 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#0 | 23.09 | 21.09 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#25 | 23.37 | 21.37 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#49 | 23.24 | 21.24 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#0 | 22.73 | 20.73 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#13 | 22.74 | 20.74 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#25 | 22.66 | 20.66 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 22.69 | 20.69 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#0 | 22.97 | 20.97 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#25 | 23.21 | 21.21 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#49 | 23.13 | 21.13 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#0 | 22.51 | 20.51 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#13 | 22.50 | 20.50 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#25 | 22.60 | 20.60 | 30.00 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 22.49 | 20.49 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0 | 21.66 | 19.66 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#25 | 21.66 | 19.66 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#49 | 21.67 | 19.67 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#0 | 20.78 | 18.78 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#13 | 20.55 | 18.55 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#25 | 20.55 | 18.55 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | 20.62 | 18.62 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#0 | 21.54 | 19.54 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#25 | 21.57 | 19.57 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#49 | 21.54 | 19.54 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#0 | 20.69 | 18.69 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#13 | 20.74 | 18.74 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#25 | 20.70 | 18.70 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | 20.71 | 18.71 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#0 | 21.60 | 19.60 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 10MHz | 64QAM | 20350 | 1RB#25 | 21.56 | 19.56 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49 | 21.57 | 19.57 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#0 | 20.59 | 18.59 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#13 | 20.69 | 18.69 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#25 | 20.57 | 18.57 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | 20.63 | 18.63 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 22.50 | 20.50 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#25 | 22.39 | 20.39 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49 | 22.48 | 20.48 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#13 | 21.53 | 19.53 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.59 | 19.59 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 21.53 | 19.53 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 23.04 | 21.04 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#25 | 22.42 | 20.42 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49 | 22.36 | 20.36 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0 | 21.89 | 19.89 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#13 | 21.81 | 19.81 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.77 | 19.77 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 21.81 | 19.81 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 22.59 | 20.59 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#25 | 22.95 | 20.95 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49 | 22.16 | 20.16 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0 | 21.51 | 19.51 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#13 | 21.70 | 19.70 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.52 | 19.52 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 21.56 | 19.56 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | 23.01 | 21.01 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#38 | 23.03 | 21.03 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#74 | 22.95 | 20.95 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#0 | 22.39 | 20.39 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#18 | 22.41 | 20.41 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#39 | 22.36 | 20.36 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 22.38 | 20.38 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#0 | 23.03 | 21.03 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#38 | 23.26 | 21.26 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#74 | 23.15 | 21.15 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#0 | 22.65 | 20.65 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#18 | 22.64 | 20.64 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#39 | 22.59 | 20.59 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 22.62 | 20.62 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#0 | 22.90 | 20.90 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#38 | 23.16 | 21.16 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#74 | 23.06 | 21.06 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#0 | 22.40 | 20.40 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#18 | 22.44 | 20.44 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#39 | 22.51 | 20.51 | 30.00 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 22.38 | 20.38 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0 | 21.57 | 19.57 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#38 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#74 | 21.64 | 19.64 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#0 | 20.58 | 18.58 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#18 | 20.57 | 18.57 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#39 | 20.72 | 18.72 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | 20.77 | 18.77 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#0 | 21.64 | 19.64 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#38 | 21.65 | 19.65 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#74 | 21.64 | 19.64 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#0 | 20.55 | 18.55 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#18 | 20.60 | 18.60 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#39 | 20.72 | 18.72 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | 20.59 | 18.59 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#0 | 21.55 | 19.55 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#38 | 21.68 | 19.68 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74 | 21.67 | 19.67 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#0 | 20.67 | 18.67 | 30.00 | PASS |



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|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | 64QAM | 20325 | 36RB#18 | 20.61 | 18.61 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#39 | 20.76 | 18.76 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | 20.59 | 18.59 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 22.42 | 20.42 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38 | 22.29 | 20.29 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74 | 22.38 | 20.38 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#0 | 21.55 | 19.55 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#18 | 21.48 | 19.48 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#39 | 21.52 | 19.52 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 21.43 | 19.43 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 22.98 | 20.98 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38 | 22.31 | 20.31 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74 | 22.26 | 20.26 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#0 | 21.81 | 19.81 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#18 | 21.71 | 19.71 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#39 | 21.68 | 19.68 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 21.70 | 19.70 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 22.51 | 20.51 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38 | 22.85 | 20.85 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74 | 23.09 | 21.09 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#0 | 21.40 | 19.40 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#18 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#39 | 21.44 | 19.44 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 21.45 | 19.45 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 23.31 | 21.31 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#50 | 23.17 | 21.17 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | 23.34 | 21.34 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#0 | 22.37 | 20.37 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#25 | 22.27 | 20.27 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#50 | 22.45 | 20.45 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 22.45 | 20.45 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 23.36 | 21.36 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#50 | 23.28 | 21.28 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | QPSK | 20175 | 1RB#99 | 23.45 | 21.45 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#0 | 22.44 | 20.44 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#25 | 22.45 | 20.45 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#50 | 22.42 | 20.42 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 22.40 | 20.40 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 23.34 | 21.34 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#50 | 23.25 | 21.25 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | 23.52 | 21.52 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#0 | 22.32 | 20.32 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#25 | 22.34 | 20.34 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#50 | 22.33 | 20.33 | 30.00 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 22.33 | 20.33 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0 | 21.62 | 19.62 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#50 | 21.62 | 19.62 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99 | 21.68 | 19.68 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0 | 20.70 | 18.70 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 20.71 | 18.71 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 20.65 | 18.65 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 20.62 | 18.62 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0 | 21.64 | 19.64 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#50 | 21.66 | 19.66 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99 | 21.56 | 19.56 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0 | 20.75 | 18.75 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 20.66 | 18.66 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 20.62 | 18.62 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 20.68 | 18.68 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0 | 21.65 | 19.65 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#50 | 21.61 | 19.61 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99 | 21.67 | 19.67 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0 | 20.59 | 18.59 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 20.68 | 18.68 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 20.59 | 18.59 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 20.68 | 18.68 | 30.00 | PASS |



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| | | | | | | | | |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 22.67 | 20.67 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#50 | 22.81 | 20.81 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | 22.22 | 20.22 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0 | 21.26 | 19.26 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.37 | 19.37 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 21.39 | 19.39 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.37 | 19.37 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 22.66 | 20.66 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#50 | 22.52 | 20.52 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99 | 22.18 | 20.18 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0 | 21.48 | 19.48 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 21.38 | 19.38 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.48 | 19.48 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 21.43 | 19.43 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 23.15 | 21.15 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#50 | 22.38 | 20.38 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | 22.25 | 20.25 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0 | 21.30 | 19.30 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 21.26 | 19.26 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.35 | 19.35 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.35 | 19.35 | 30.00 | PASS |

Remark:

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

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

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



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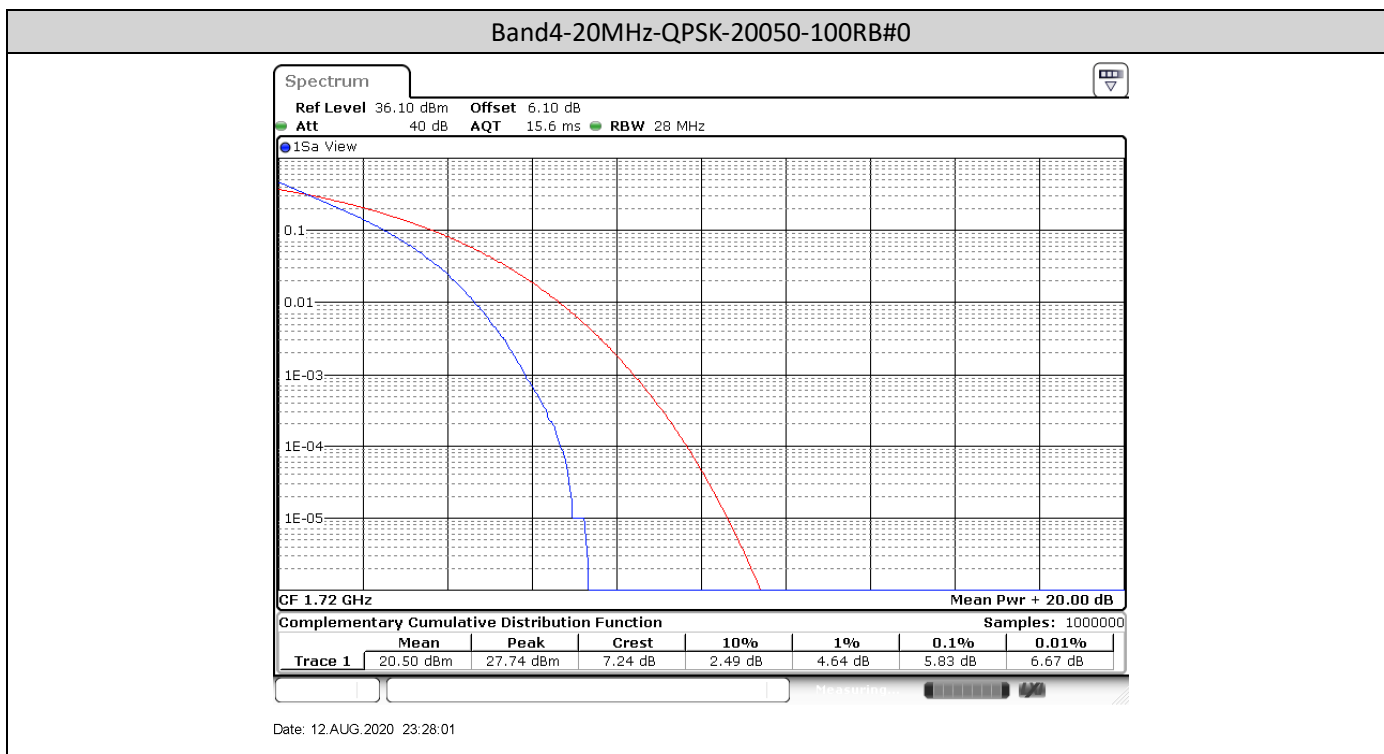


2. Peak-to-Average Ratio (CCDF)

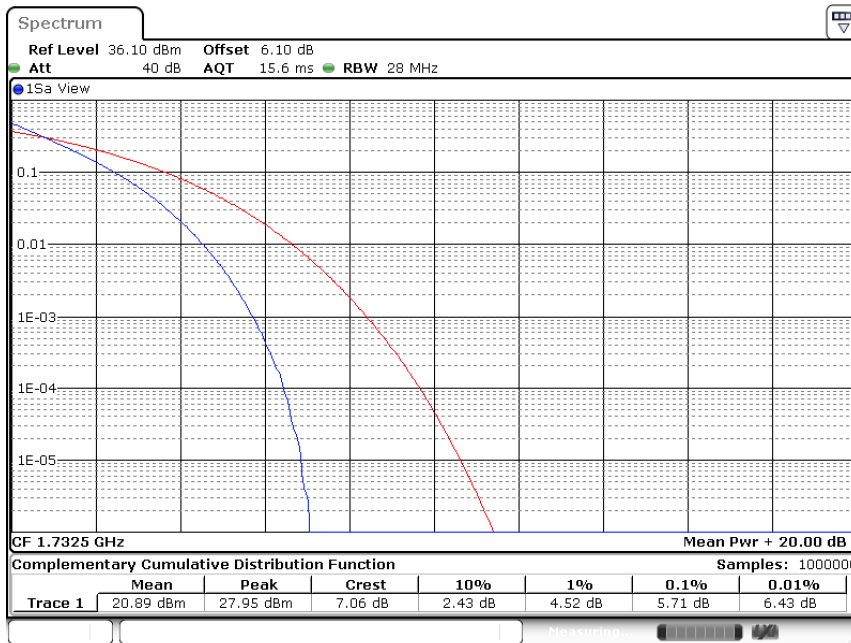
2.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 5.83 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 5.71 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 5.77 | 13 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 6.81 | 13 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 6.67 | 13 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 6.70 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 6.70 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 6.52 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 6.52 | 13 | PASS |

2.2. Test Plots



Band4-20MHz-QPSK-20175-100RB#0



Date: 12.AUG.2020 23:28:18

Band4-20MHz-QPSK-20300-100RB#0

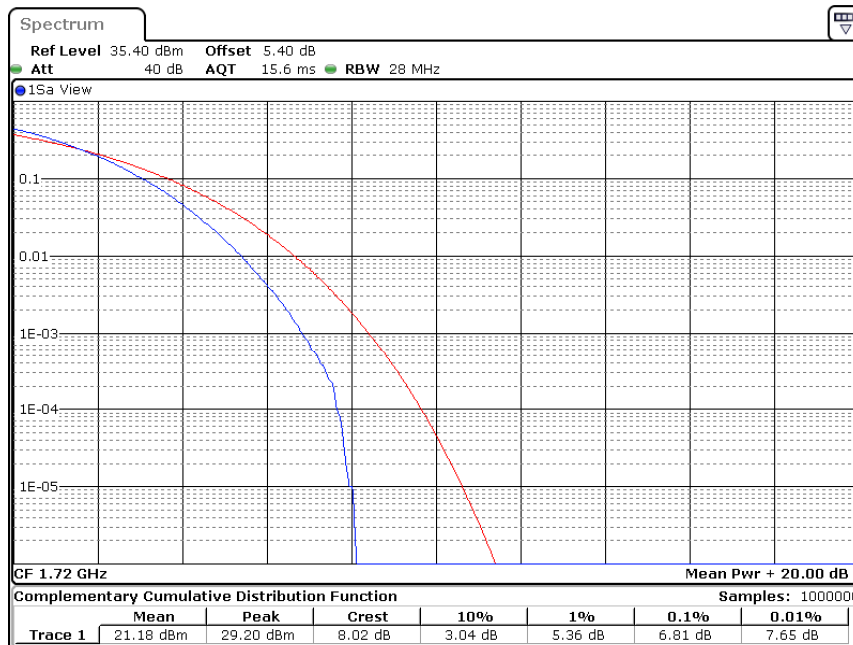


Date: 12.AUG.2020 23:28:35



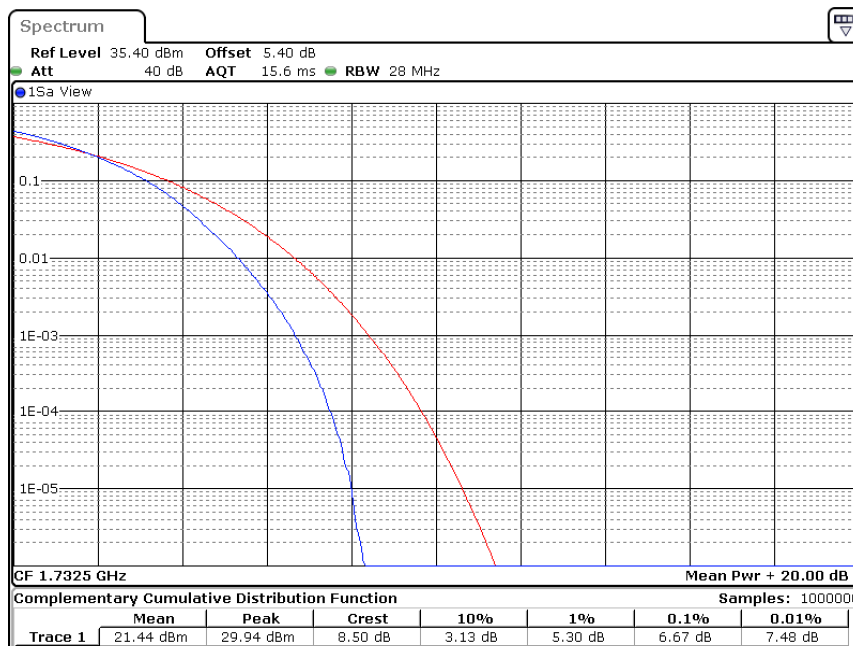
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Band4-20MHz-64QAM-20050-100RB#0



Date: 28.AUG.2020 16:35:09

Band4-20MHz-64QAM-20175-100RB#0

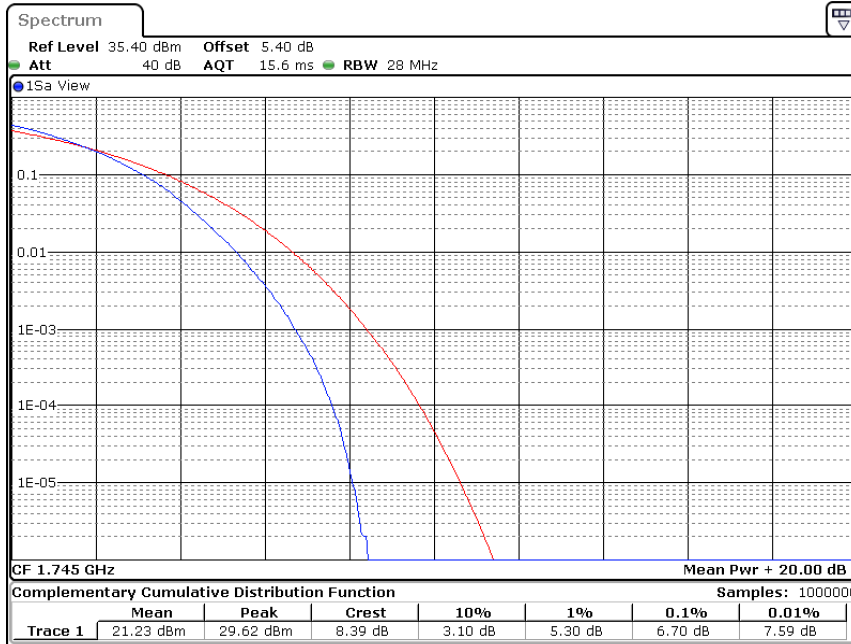


Date: 28.AUG.2020 16:35:21



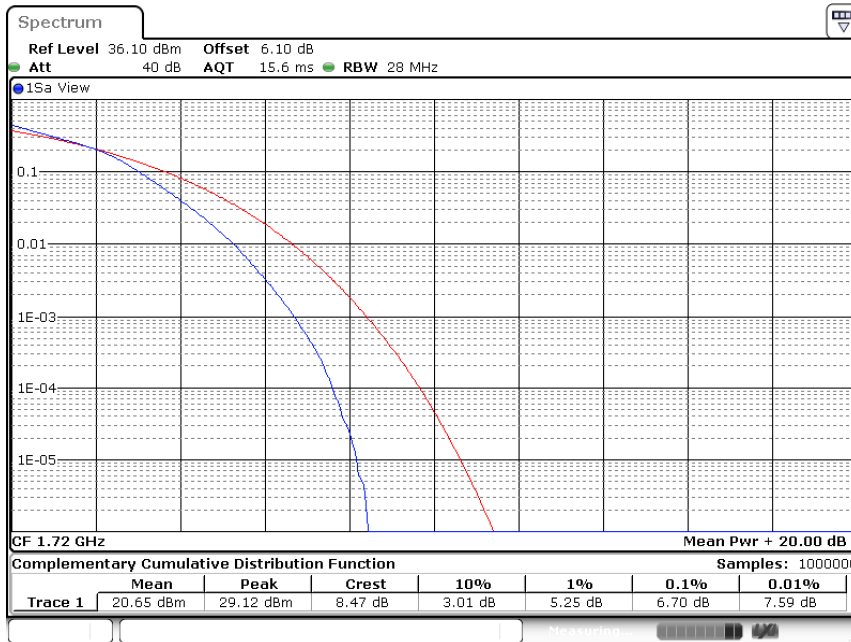
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Band4-20MHz-64QAM-20300-100RB#0



Date: 28.AUG.2020 16:35:32

Band4-20MHz-16QAM-20050-100RB#0



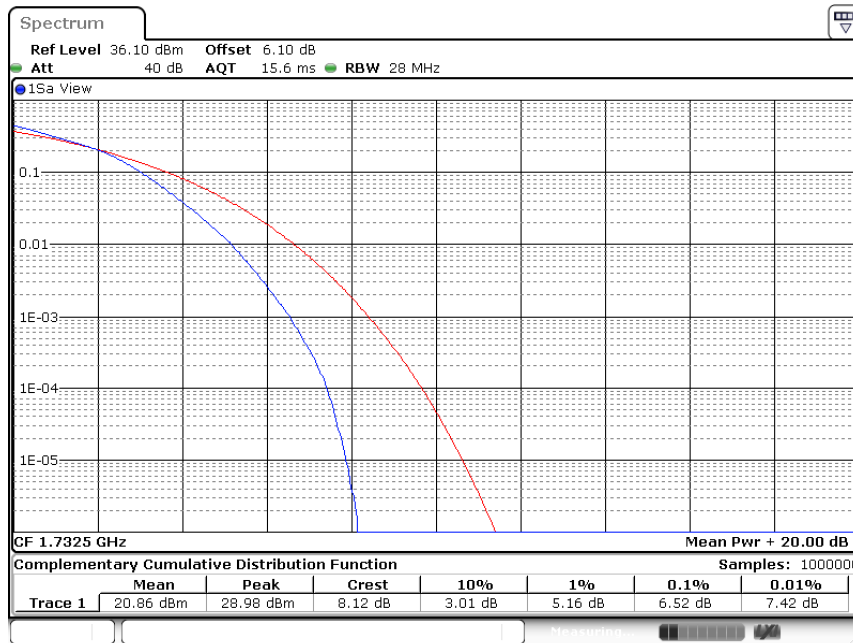
Date: 12.AUG.2020 23:28:10



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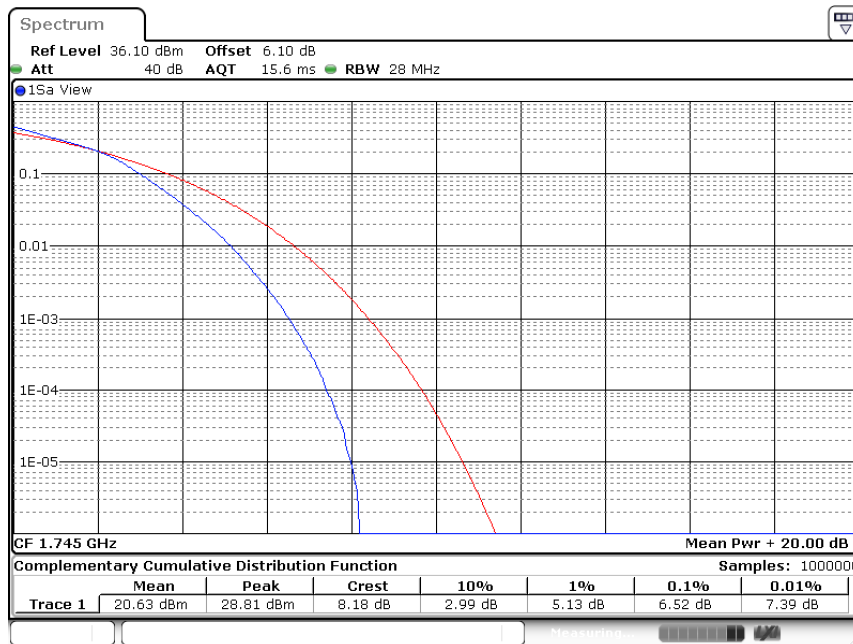
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Band4-20MHz-16QAM-20175-100RB#0



Date: 12.AUG.2020 23:28:27

Band4-20MHz-16QAM-20300-100RB#0



Date: 12.AUG.2020 23:28:44



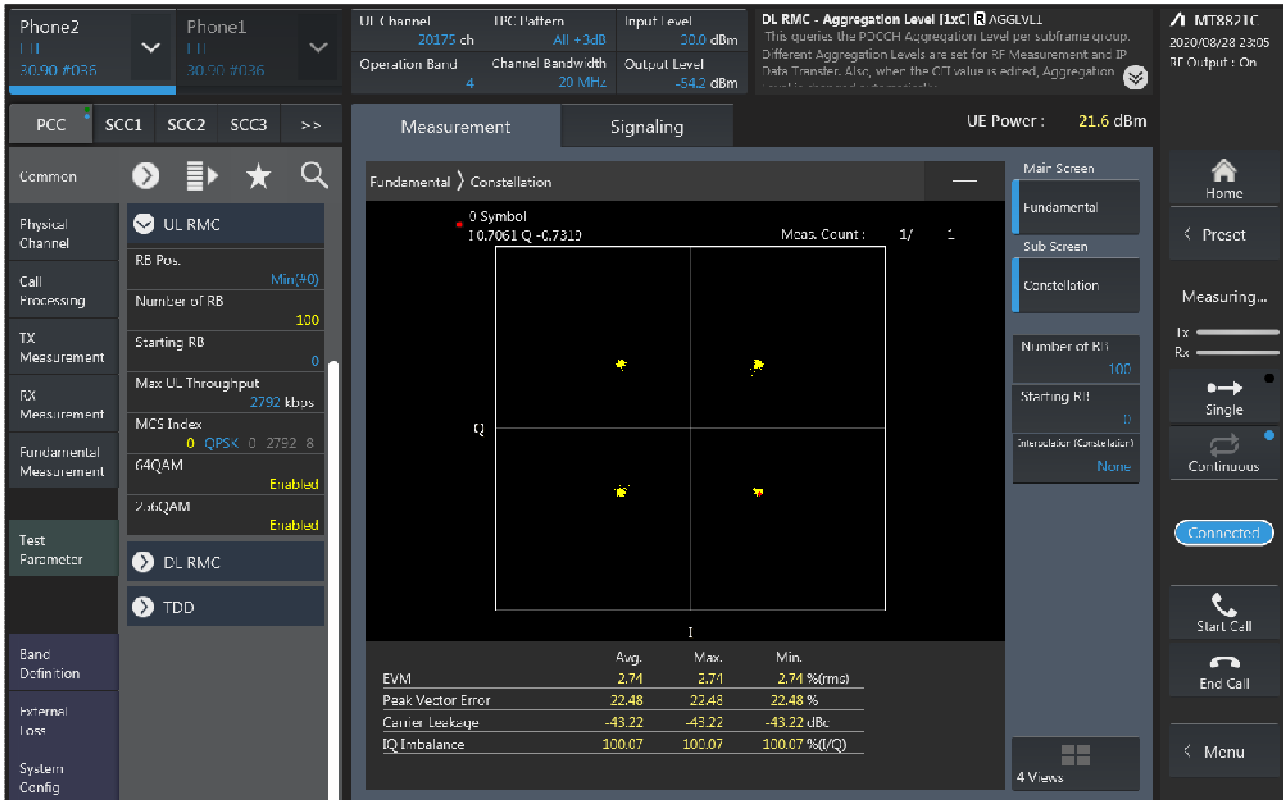
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH

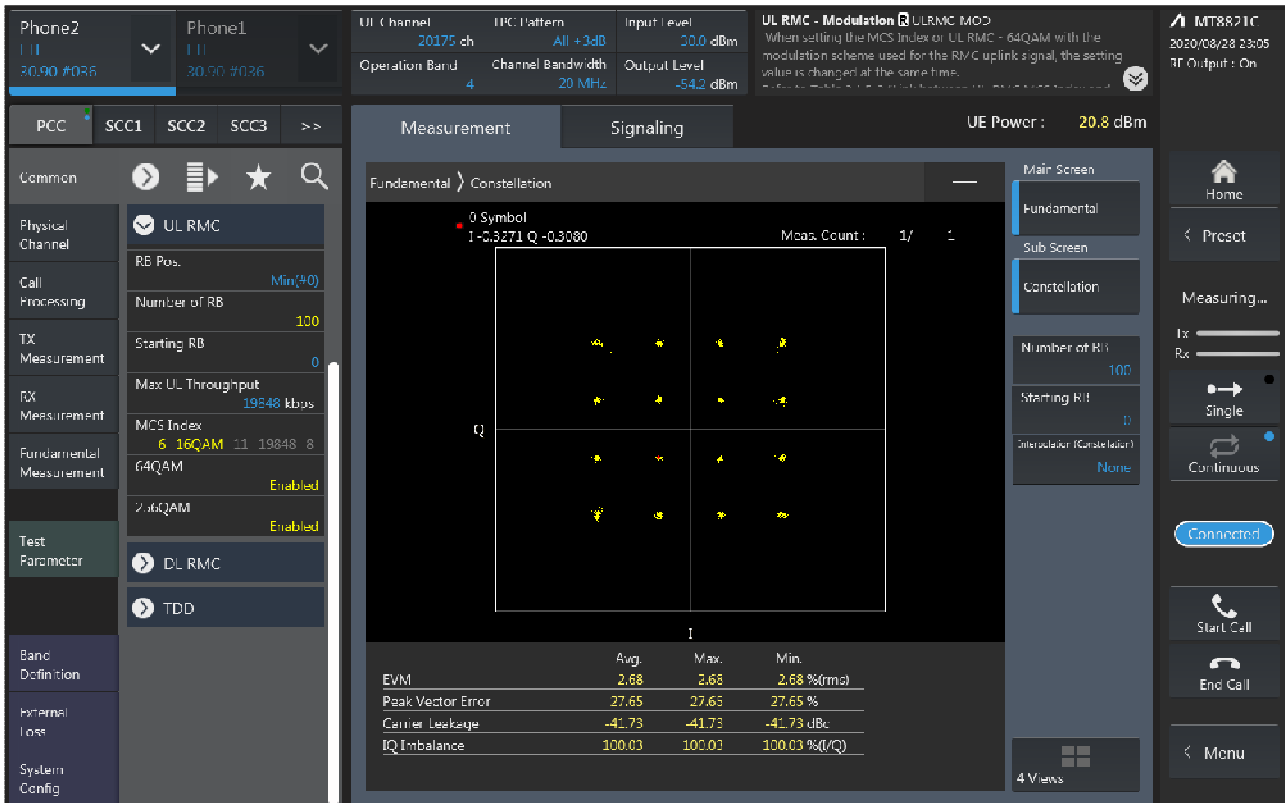


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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

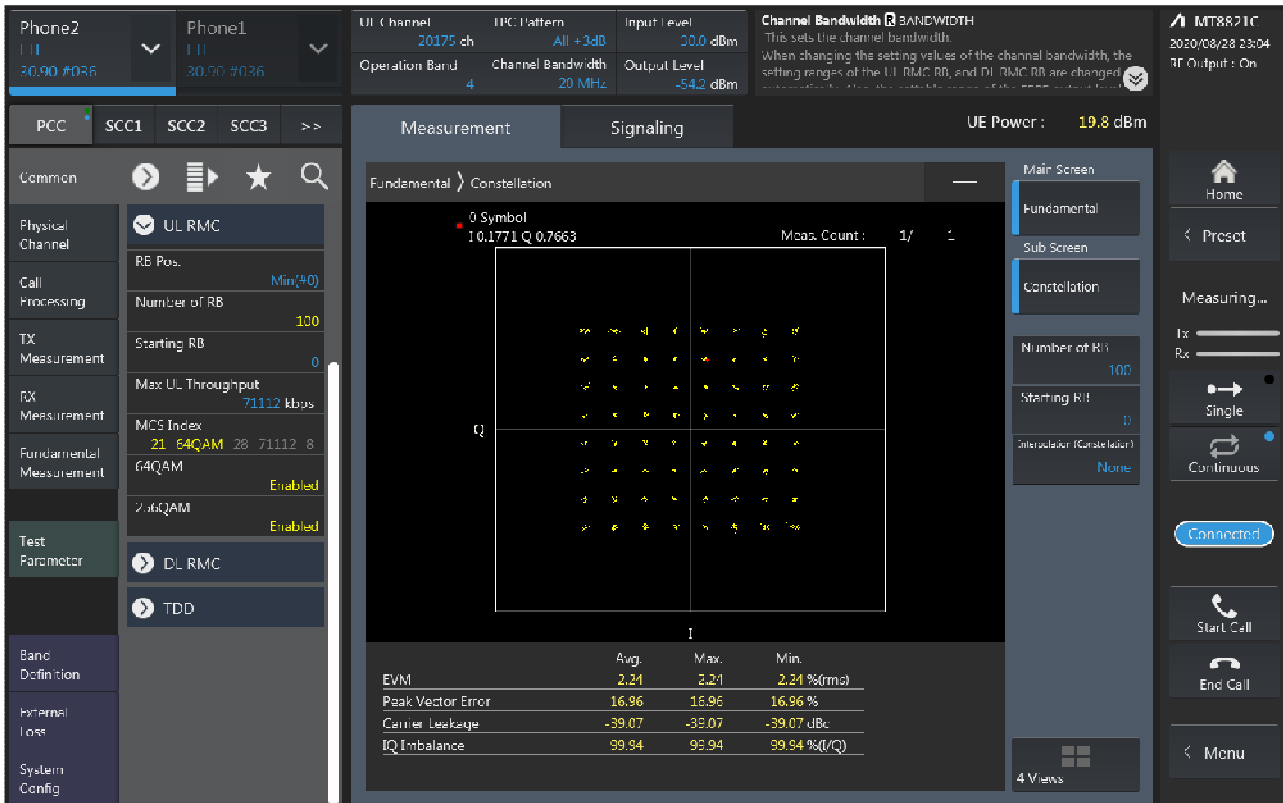


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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 1.085 | 1.281 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0 | 1.1 | 1.302 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0 | 1.094 | 1.272 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0 | 1.1 | 1.296 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 1.091 | 1.293 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 1.091 | 1.296 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 2.697 | 2.988 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 2.697 | 2.994 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 2.691 | 2.976 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0 | 2.691 | 2.982 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0 | 2.685 | 2.982 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0 | 2.685 | 2.988 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 2.685 | 2.976 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 2.685 | 2.970 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 2.685 | 2.970 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 4.476 | 4.930 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 4.476 | 4.940 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 4.476 | 4.930 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0 | 4.466 | 4.910 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0 | 4.466 | 4.910 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0 | 4.476 | 4.890 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 4.496 | 4.950 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 4.496 | 4.940 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 4.496 | 4.940 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 8.951 | 9.760 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 8.911 | 9.740 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 8.931 | 9.740 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | 8.911 | 9.660 | PASS |



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| | | | | | | | |
|-------|-------|-------|-------|---------|--------|--------|------|
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | 8.931 | 9.720 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | 8.931 | 9.700 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 8.911 | 9.780 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 8.931 | 9.740 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 8.931 | 9.780 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 13.457 | 14.730 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 13.427 | 14.850 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 13.457 | 14.820 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | 13.457 | 14.910 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | 13.427 | 14.850 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | 13.457 | 14.850 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 13.487 | 14.790 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 13.457 | 14.670 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 13.457 | 14.790 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 17.942 | 19.480 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 17.862 | 19.480 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 17.902 | 19.480 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 17.862 | 19.480 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 17.862 | 19.480 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 17.902 | 19.400 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 17.942 | 19.520 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.862 | 19.480 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.942 | 19.520 | PASS |

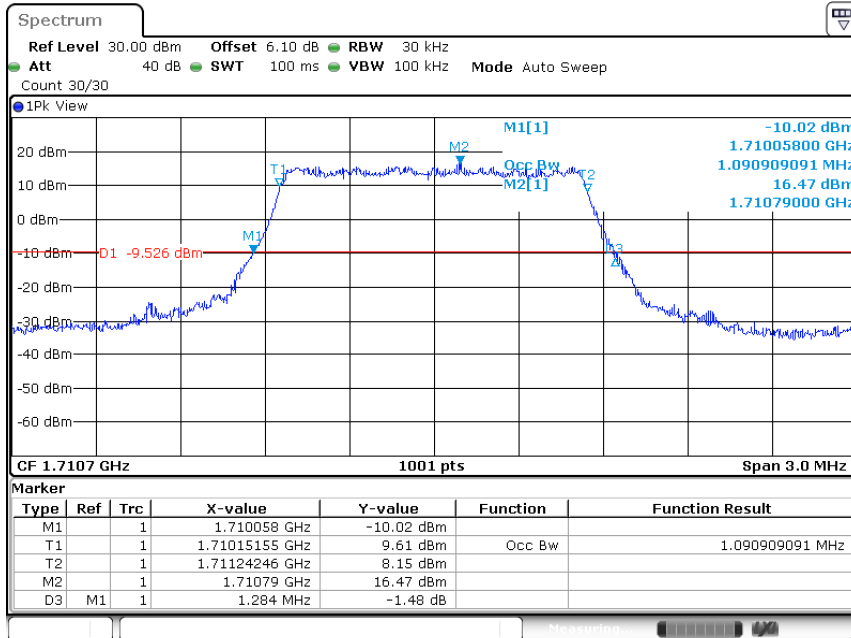


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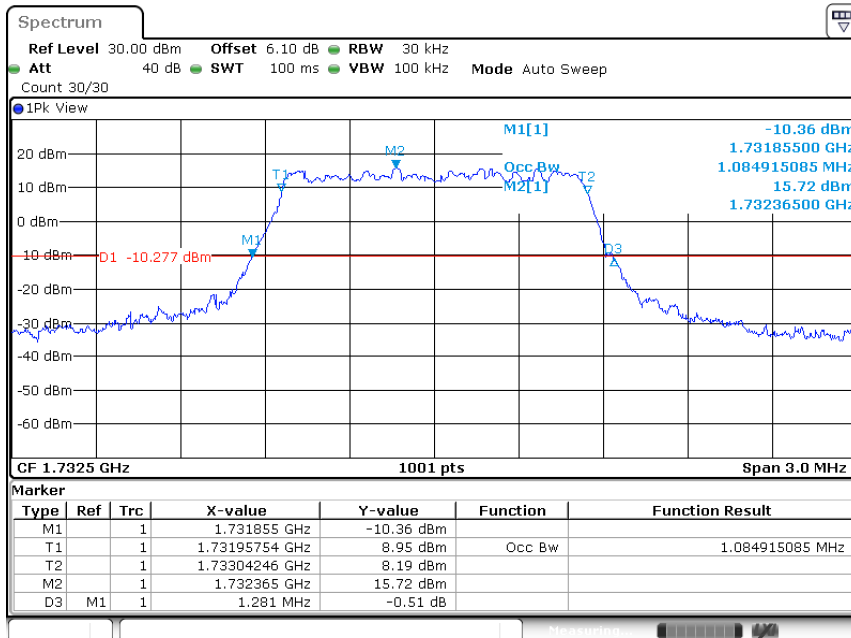
4.2. Test Plots

Band4-1.4MHz-QPSK-19957-6RB#0-1.091



Date: 12.AUG.2020 23:03:42

Band4-1.4MHz-QPSK-20175-6RB#0-1.085

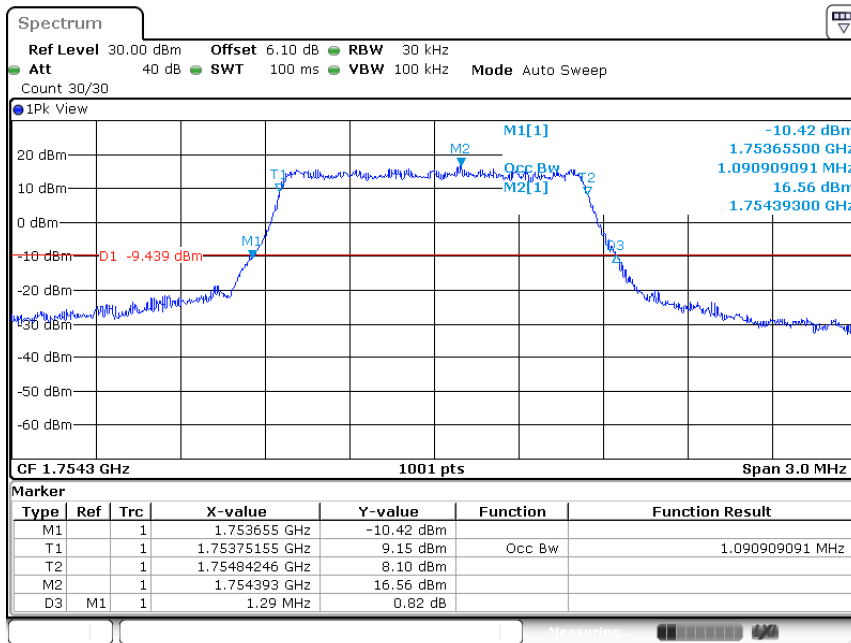


Date: 12.AUG.2020 23:04:02



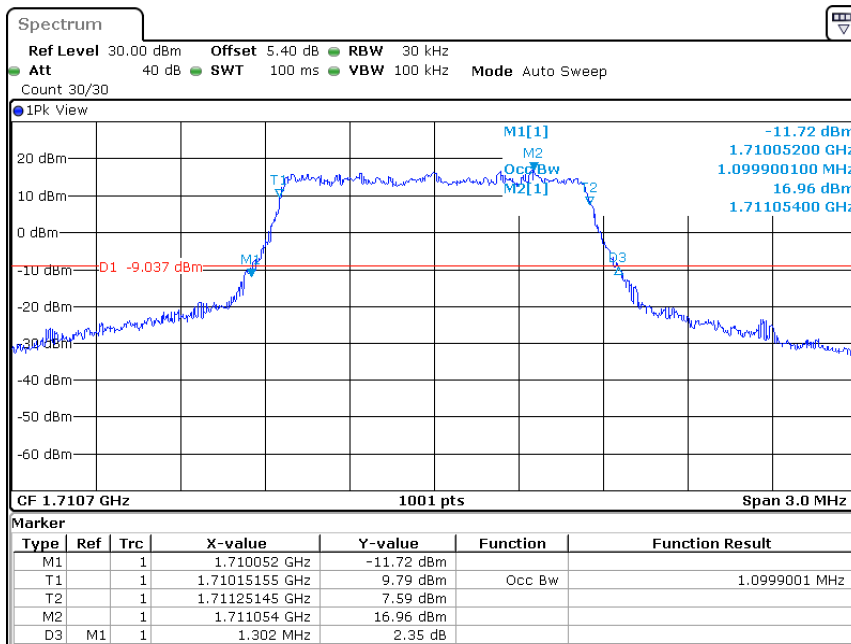
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Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 12.AUG.2020 23:04:22

Band4-1.4MHz-64QAM-19957-6RB#0-1.1

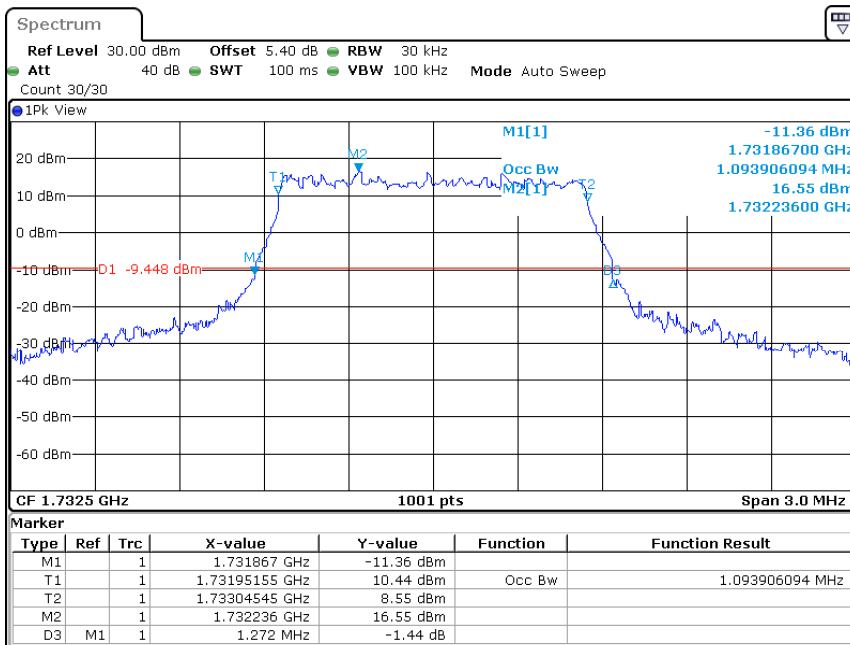


Date: 28.AUG.2020 16:18:58



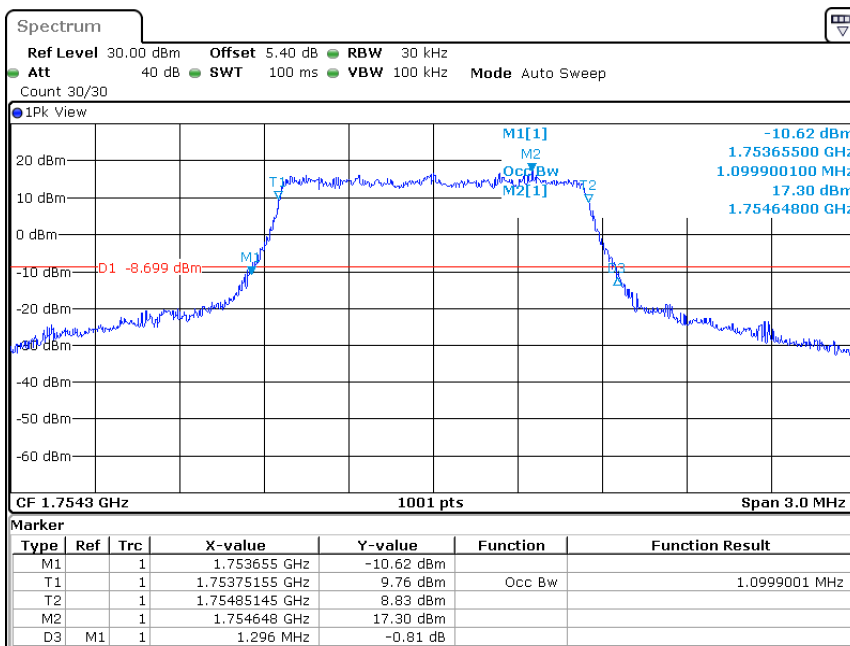
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Band4-1.4MHz-64QAM-20175-6RB#0-1.094



Date: 28.AUG.2020 16:19:10

Band4-1.4MHz-64QAM-20393-6RB#0-1.1

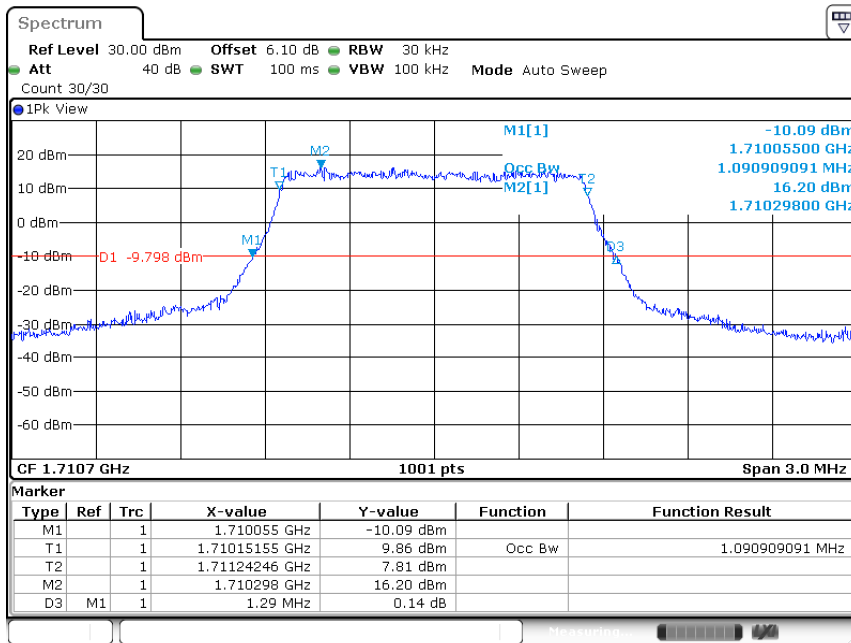


Date: 28.AUG.2020 16:19:23



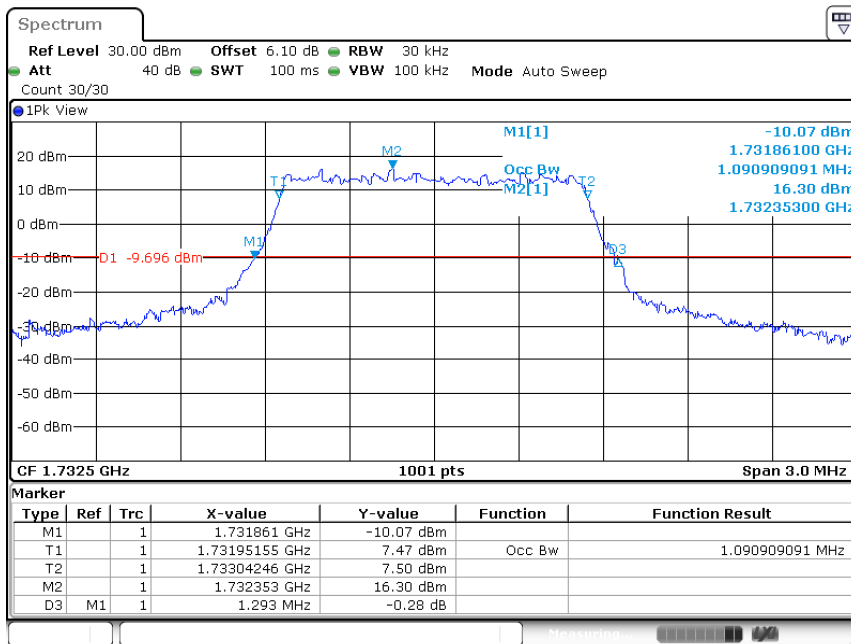
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Band4-1.4MHz-16QAM-19957-6RB#0-1.091



Date: 12.AUG.2020 23:03:52

Band4-1.4MHz-16QAM-20175-6RB#0-1.091

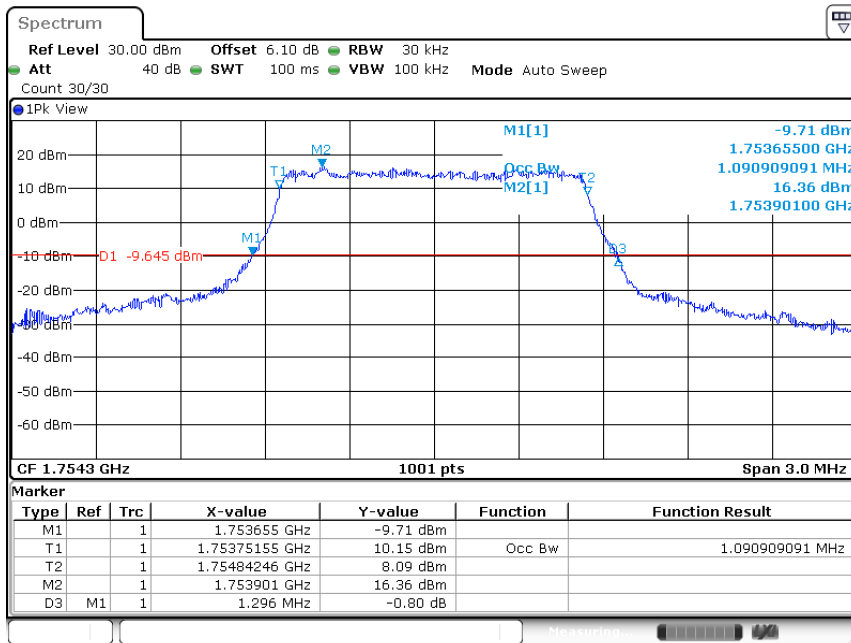


Date: 12.AUG.2020 23:04:12



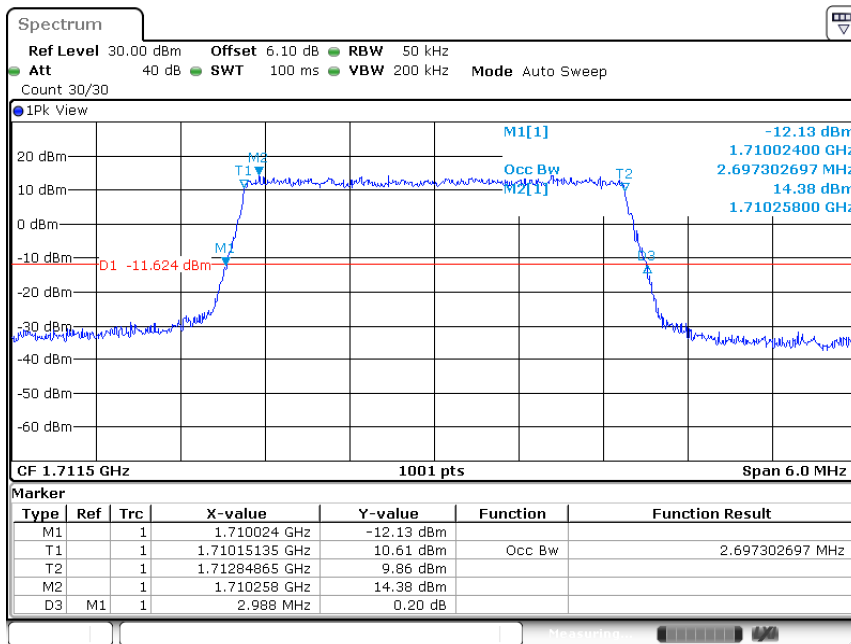
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Band4-1.4MHz-16QAM-20393-6RB#0-1.091



Date: 12.AUG.2020 23:04:31

Band4-3MHz-QPSK-19965-15RB#0-2.697

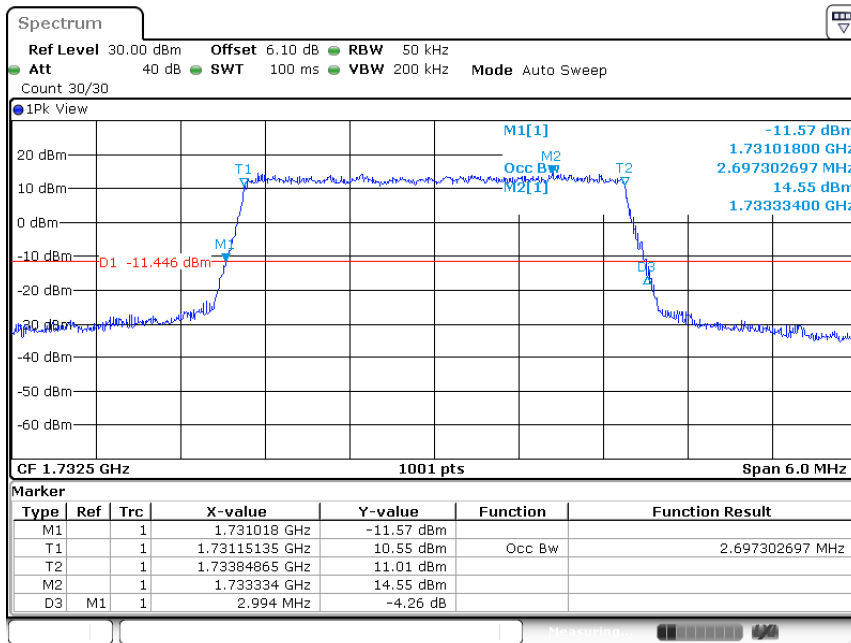


Date: 12.AUG.2020 23:04:43



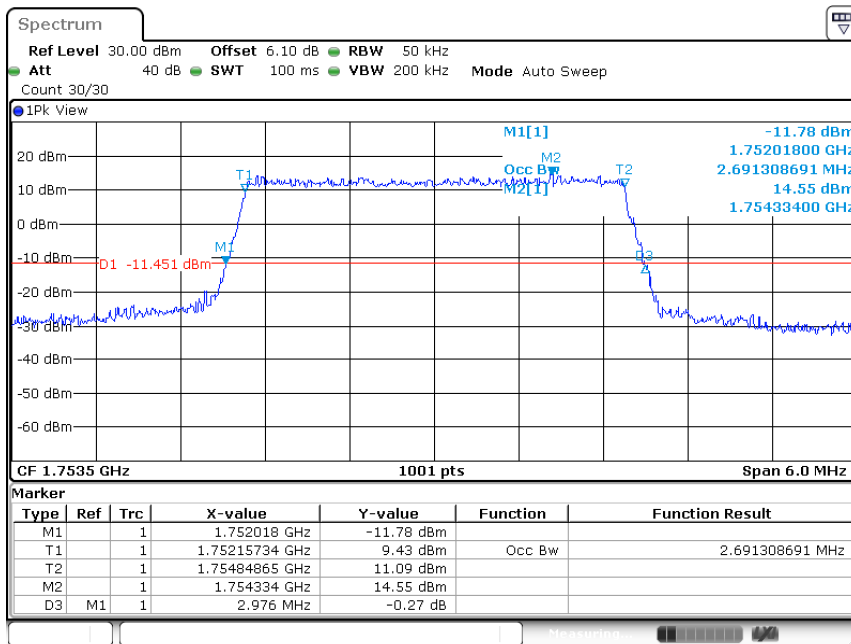
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Band4-3MHz-QPSK-20175-15RB#0-2.697



Date: 12.AUG.2020 23:05:03

Band4-3MHz-QPSK-20385-15RB#0-2.691

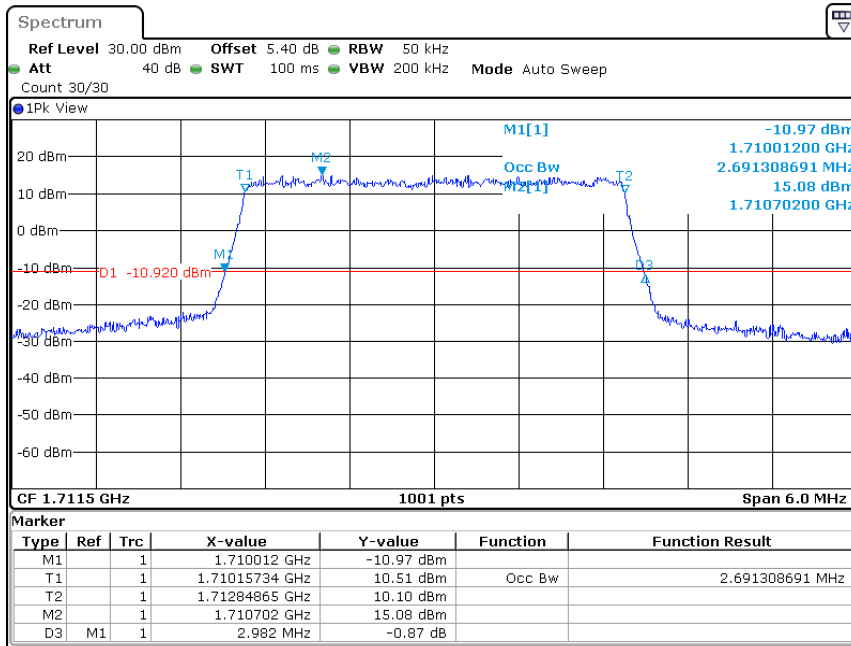


Date: 12.AUG.2020 23:05:22



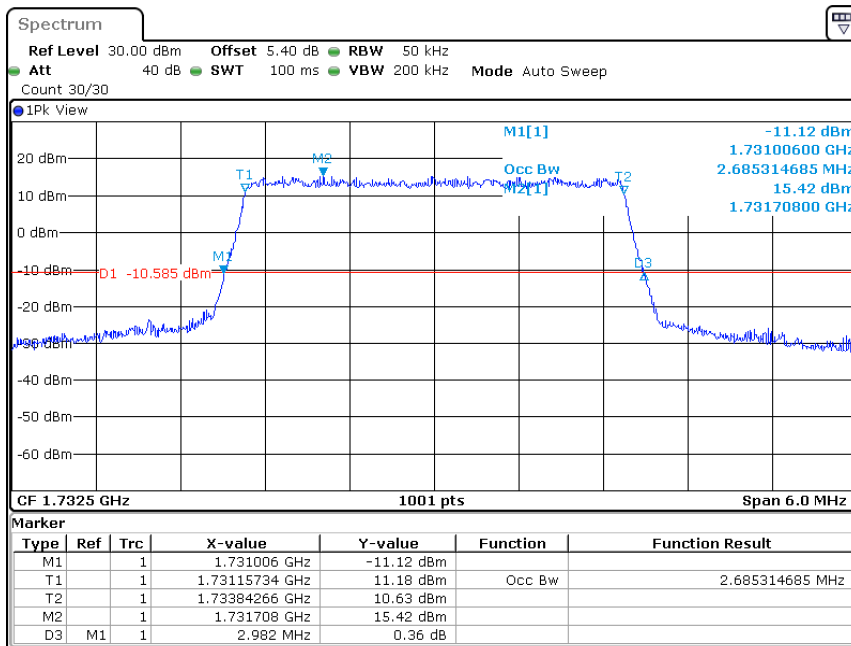
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Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 28.AUG.2020 16:19:43

Band4-3MHz-64QAM-20175-15RB#0-2.685

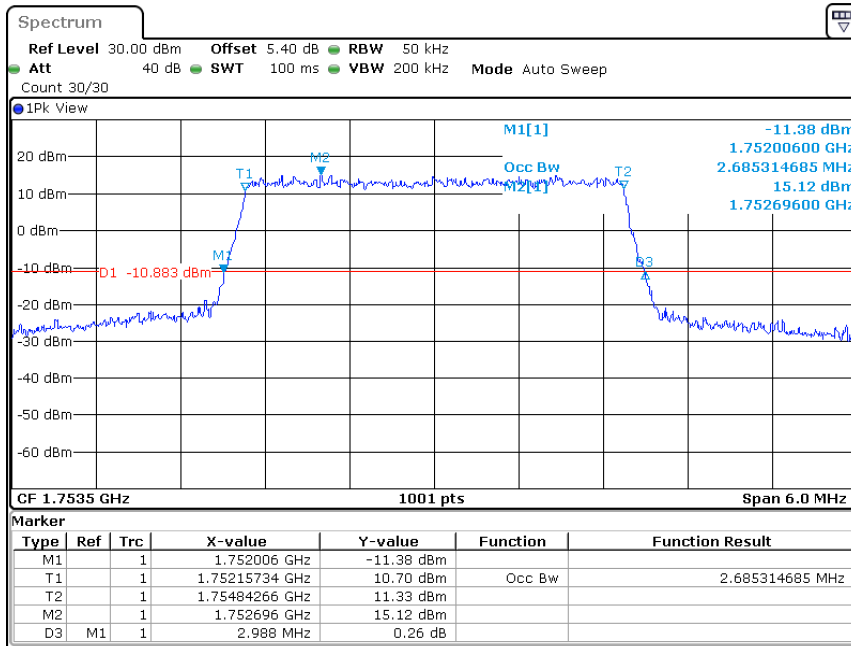


Date: 28.AUG.2020 16:19:56



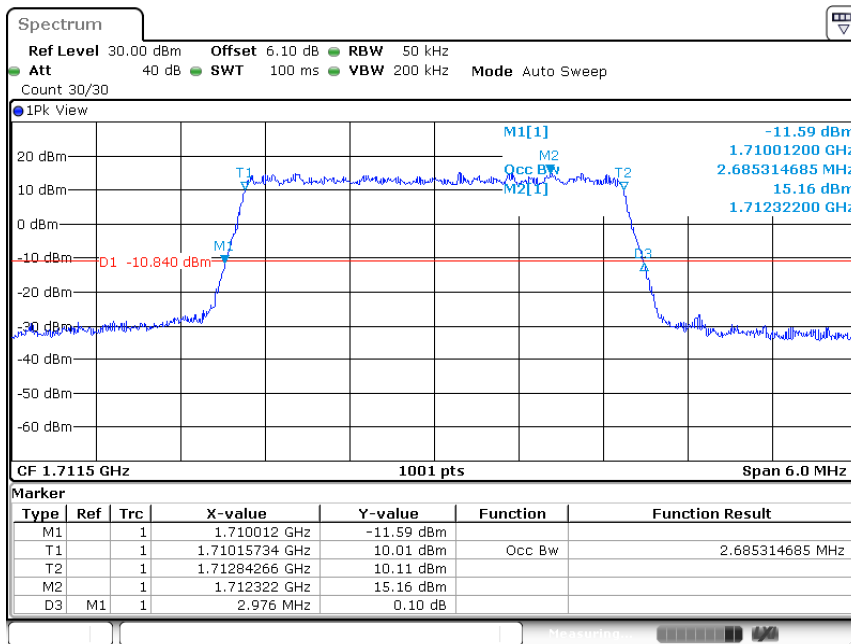
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Band4-3MHz-64QAM-20385-15RB#0-2.685



Date: 28.AUG.2020 16:20:09

Band4-3MHz-16QAM-19965-15RB#0-2.685

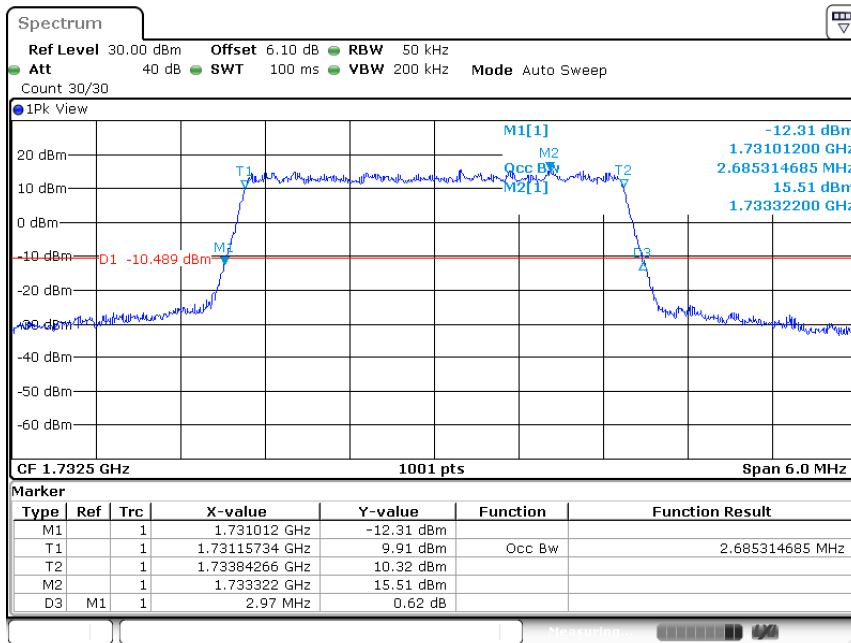


Date: 12.AUG.2020 23:04:53

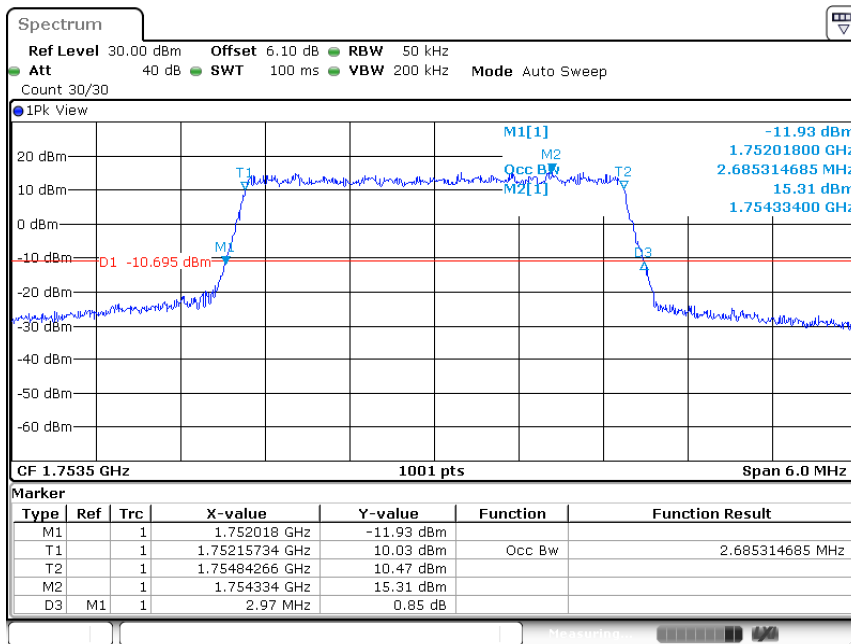


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Band4-3MHz-16QAM-20175-15RB#0-2.685

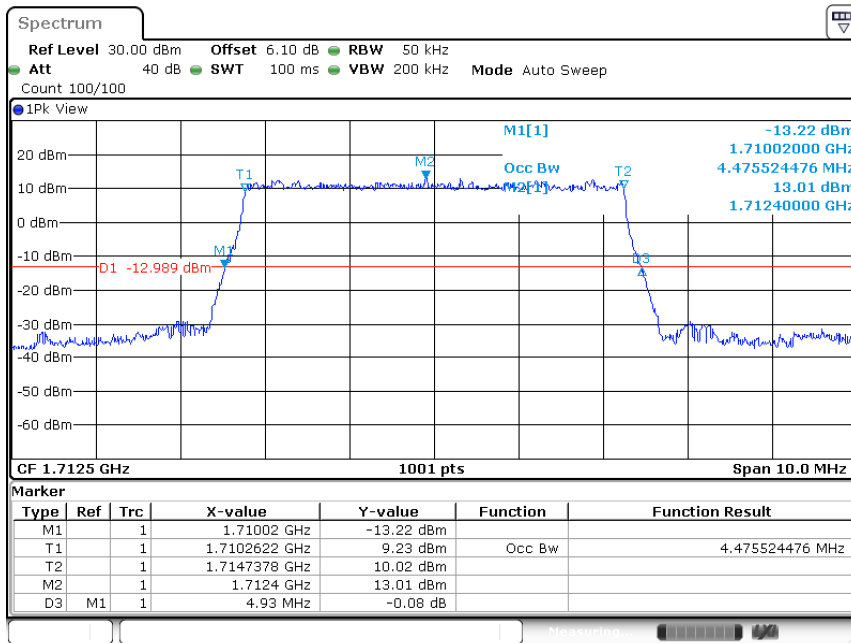


Band4-3MHz-16QAM-20385-15RB#0-2.685



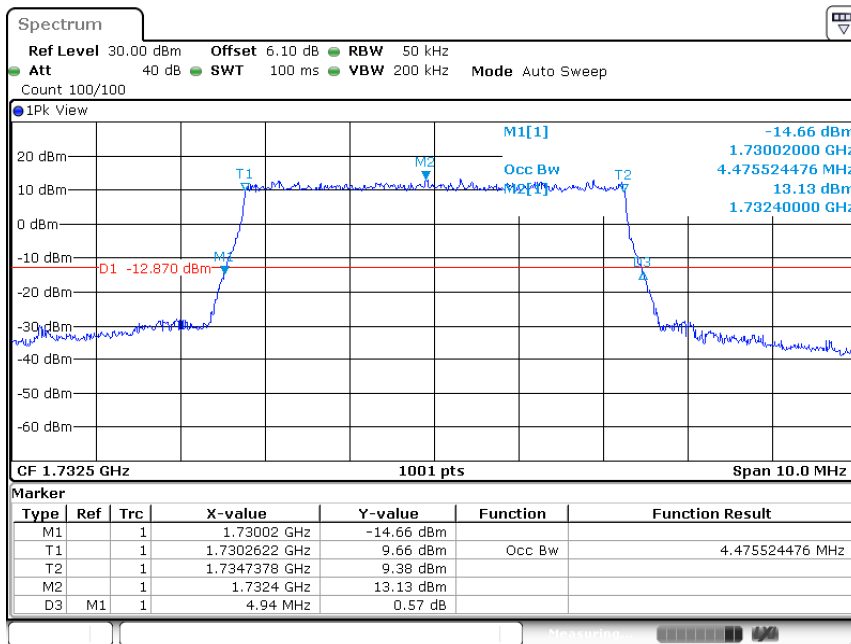
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Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 12.AUG.2020 23:05:51

Band4-5MHz-QPSK-20175-25RB#0-4.476

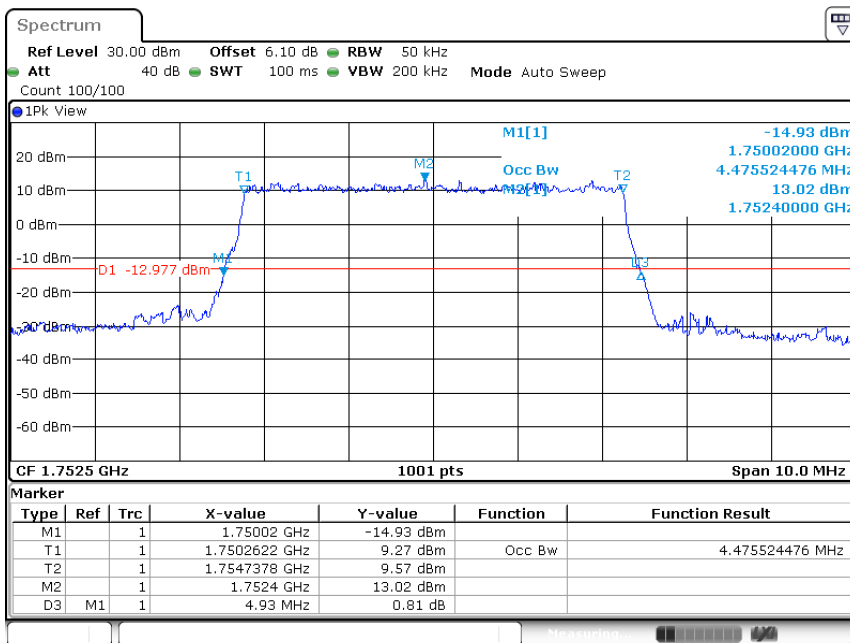


Date: 12.AUG.2020 23:06:25



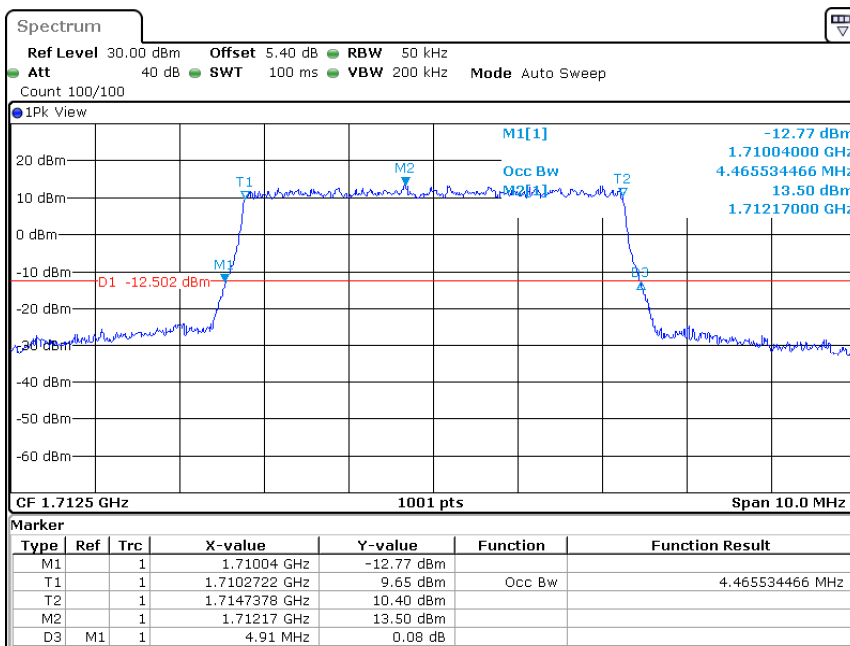
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Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 12.AUG.2020 23:06:58

Band4-5MHz-64QAM-19975-25RB#0-4.466

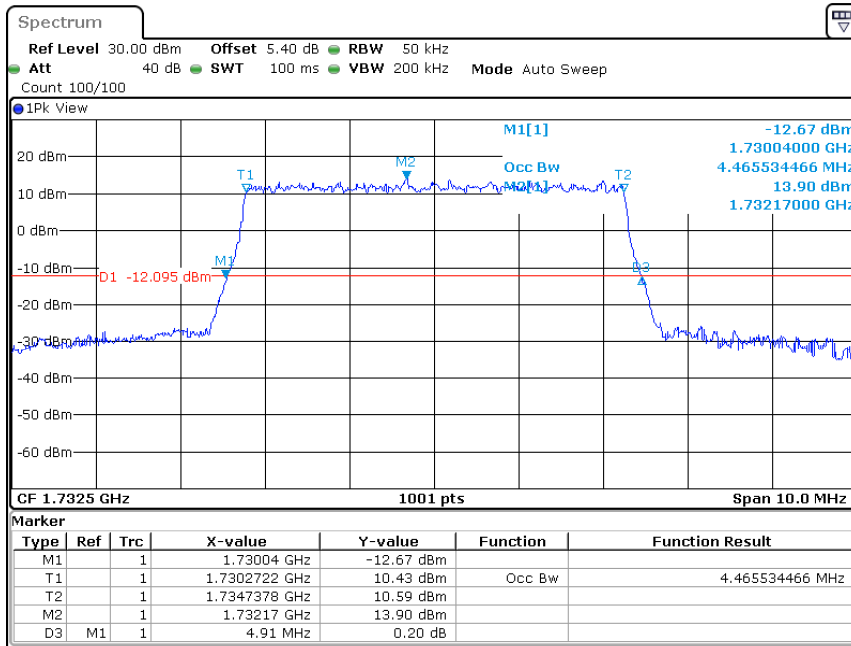


Date: 28.AUG.2020 16:20:36



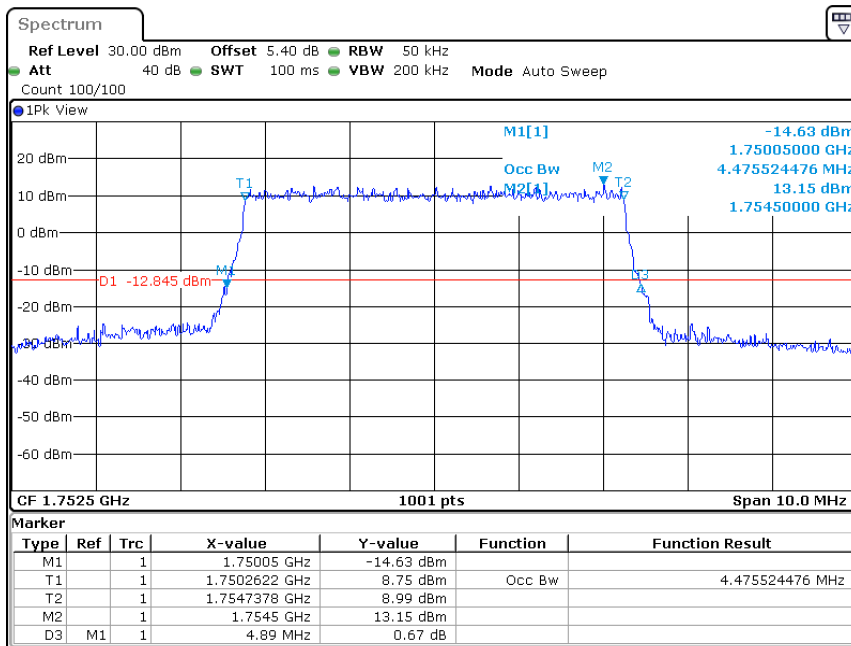
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Band4-5MHz-64QAM-20175-25RB#0-4.466



Date: 28.AUG.2020 16:20:56

Band4-5MHz-64QAM-20375-25RB#0-4.476

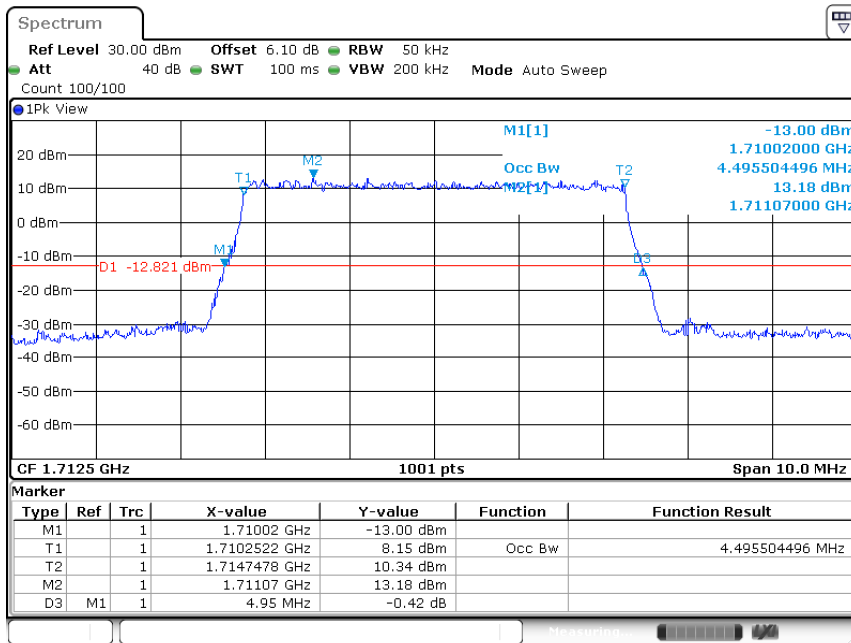


Date: 28.AUG.2020 16:21:16



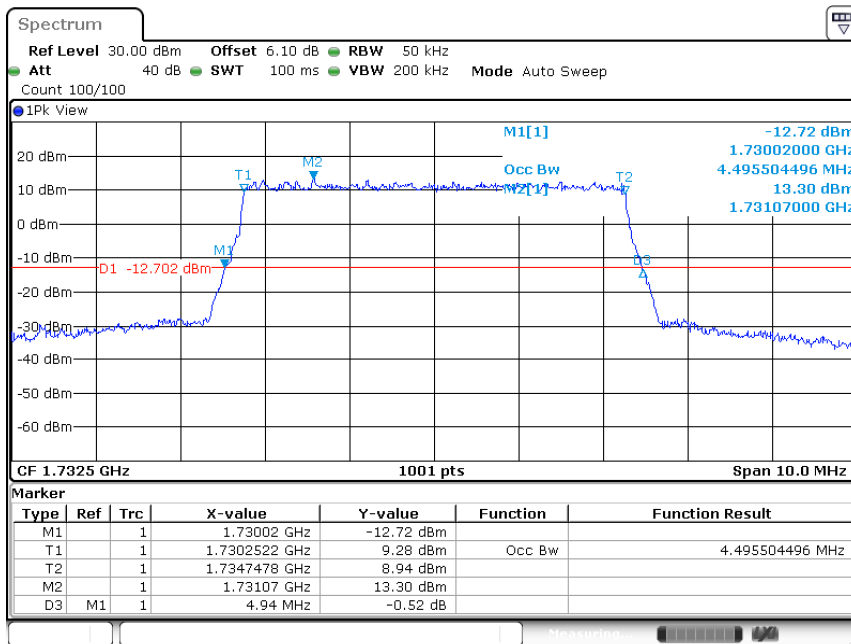
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Band4-5MHz-16QAM-19975-25RB#0-4.496



Date: 12.AUG.2020 23:06:07

Band4-5MHz-16QAM-20175-25RB#0-4.496

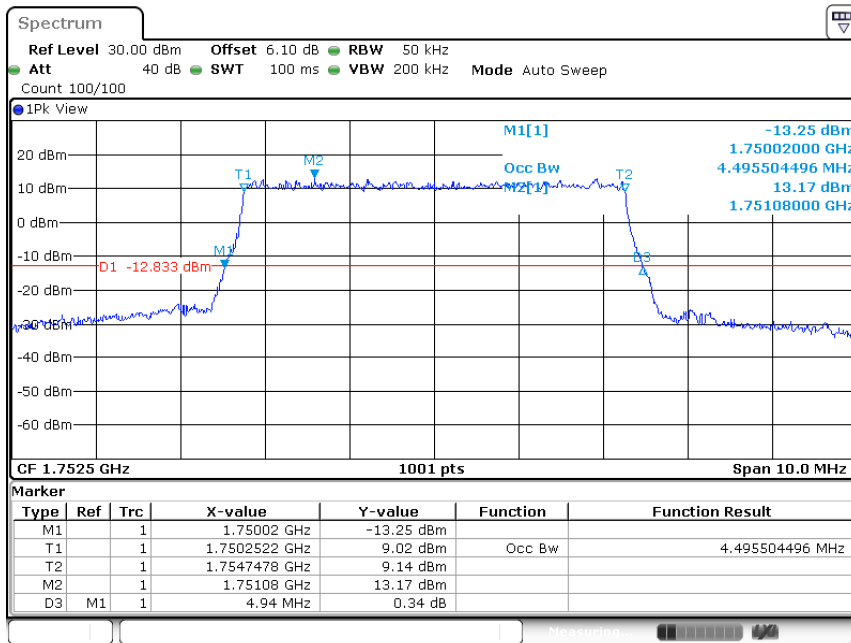


Date: 12.AUG.2020 23:06:41



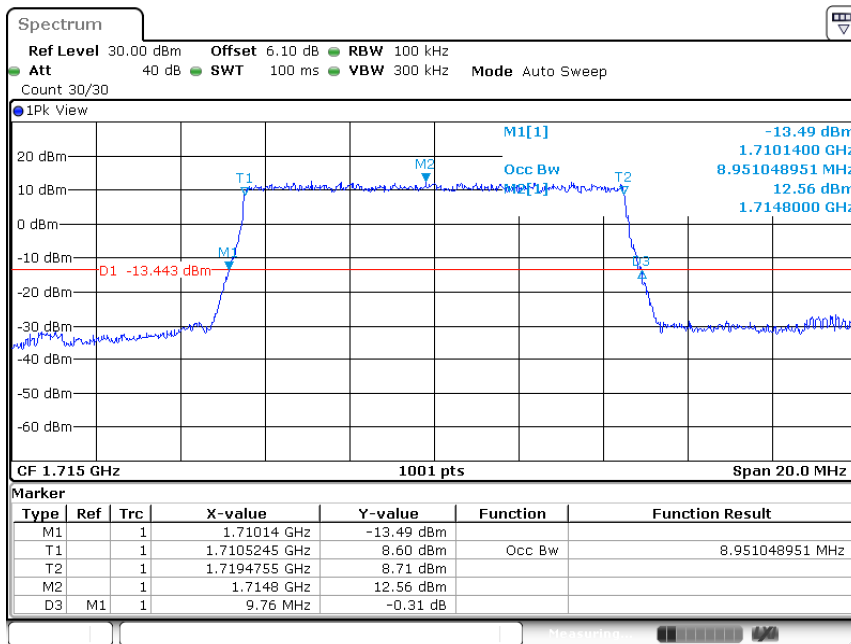
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Band4-5MHz-16QAM-20375-25RB#0-4.496



Date: 12.AUG.2020 23:07:15

Band4-10MHz-QPSK-20000-50RB#0-8.951

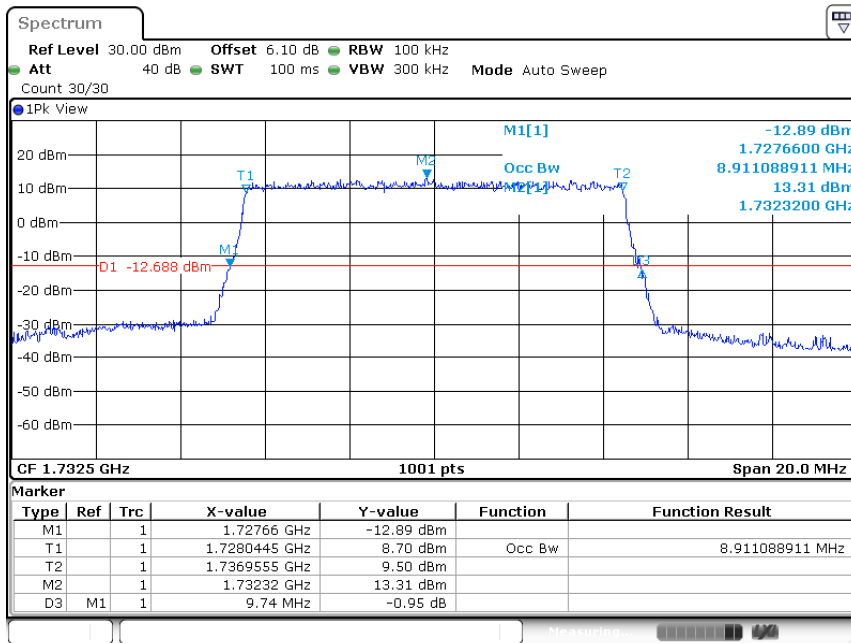


Date: 12.AUG.2020 23:07:26



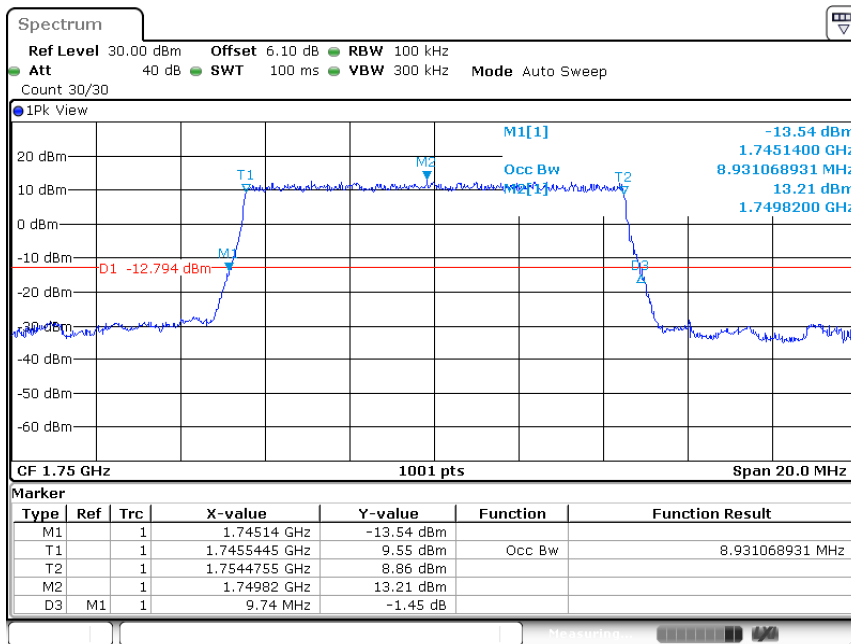
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Band4-10MHz-QPSK-20175-50RB#0-8.911



Date: 12.AUG.2020 23:07:46

Band4-10MHz-QPSK-20350-50RB#0-8.931

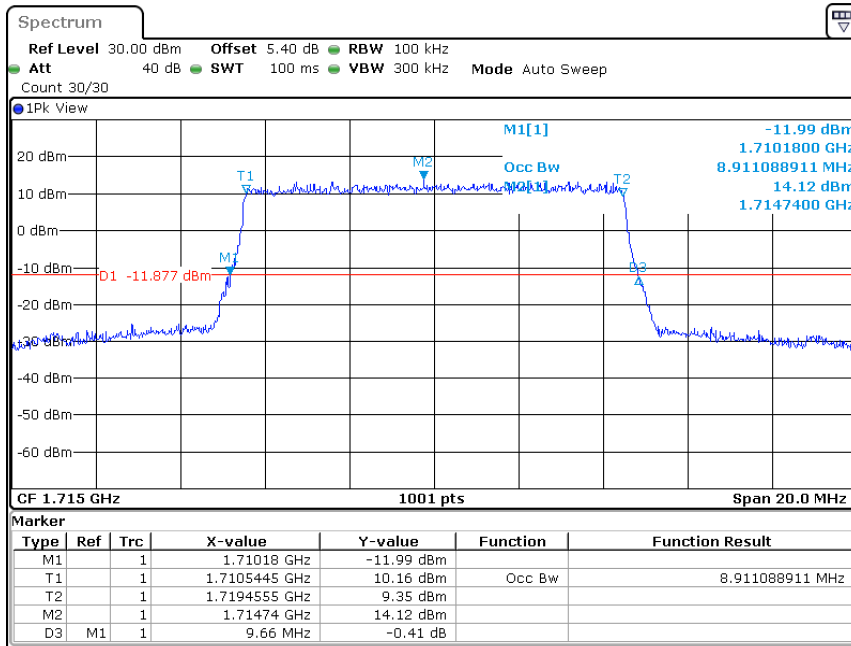


Date: 12.AUG.2020 23:08:07



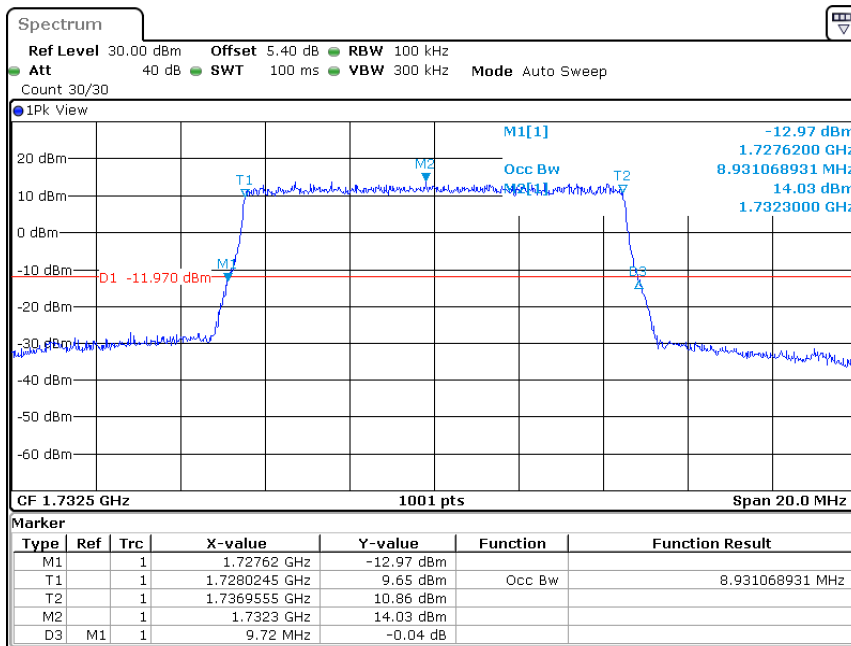
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Band4-10MHz-64QAM-2000-50RB#0-8.911



Date: 28.AUG.2020 16:21:36

Band4-10MHz-64QAM-20175-50RB#0-8.931

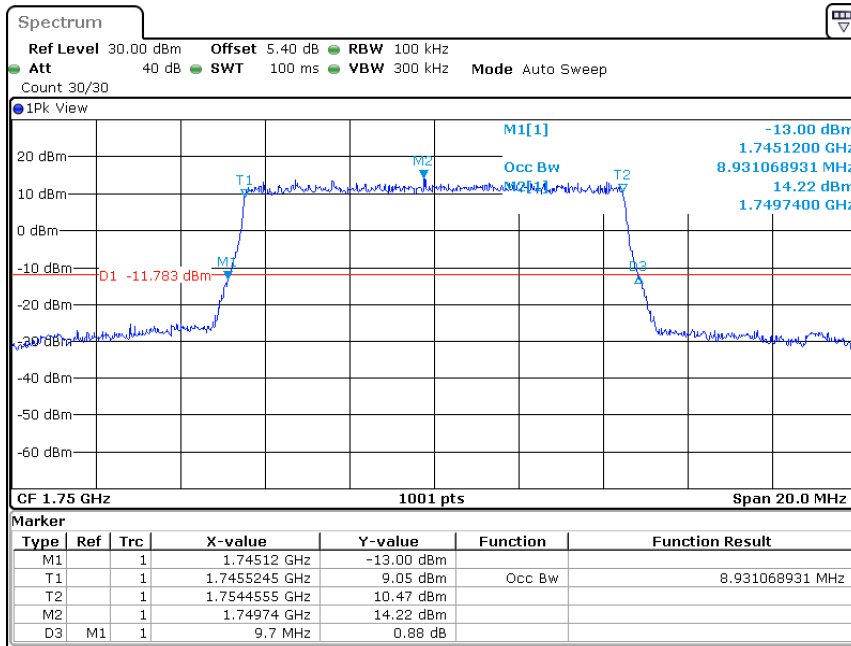


Date: 28.AUG.2020 16:21:49



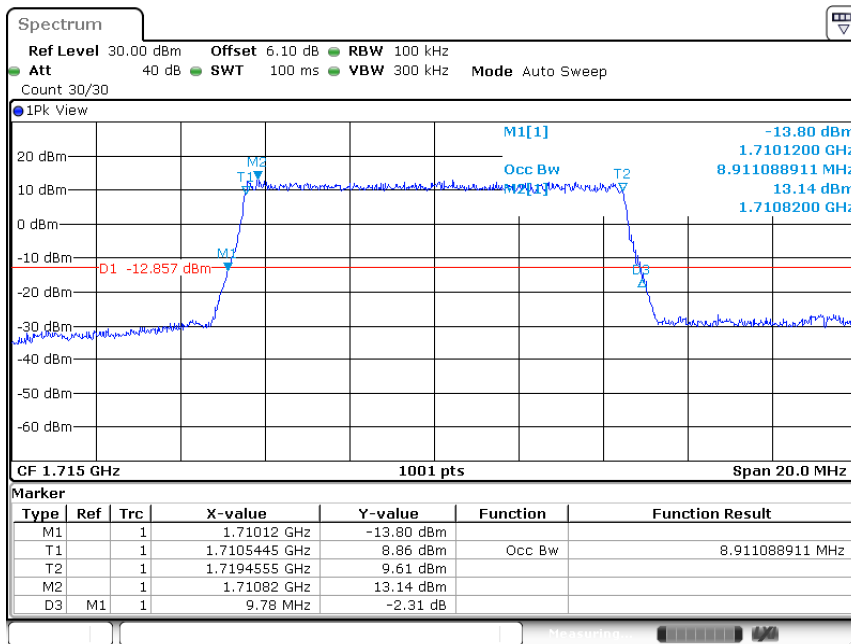
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Band4-10MHz-64QAM-20350-50RB#0-8.931



Date: 28.AUG.2020 16:22:02

Band4-10MHz-16QAM-20000-50RB#0-8.911

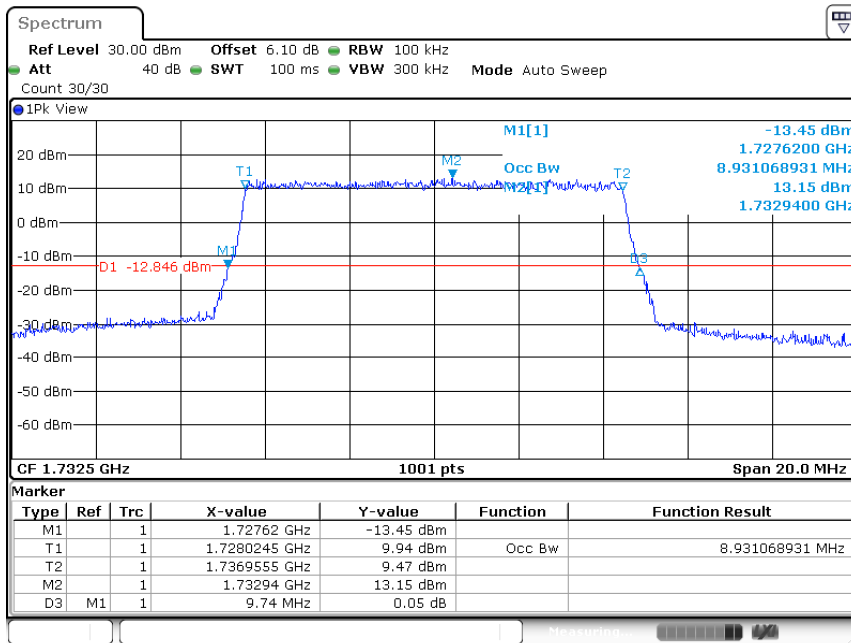


Date: 12.AUG.2020 23:07:36



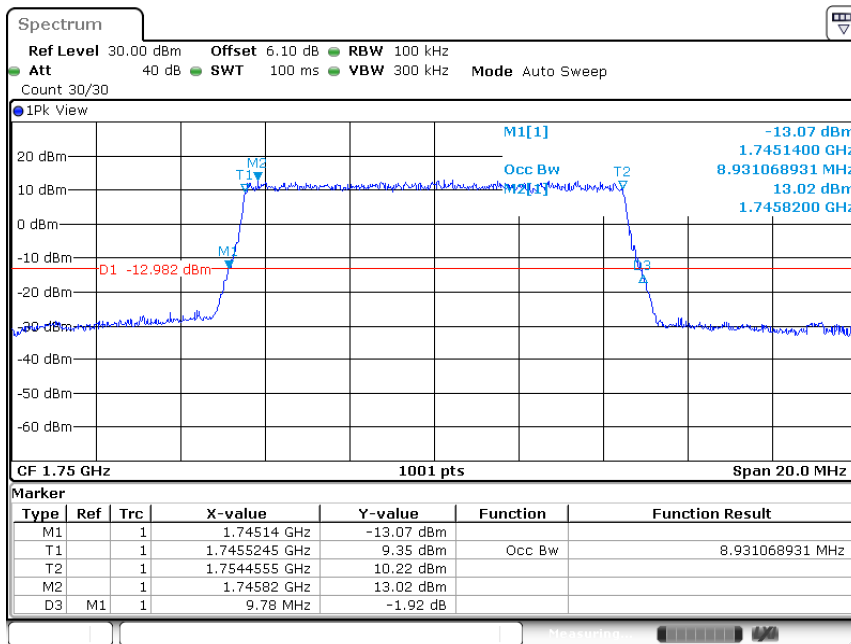
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Band4-10MHz-16QAM-20175-50RB#0-8.931



Date: 12.AUG.2020 23:07:55

Band4-10MHz-16QAM-20350-50RB#0-8.931

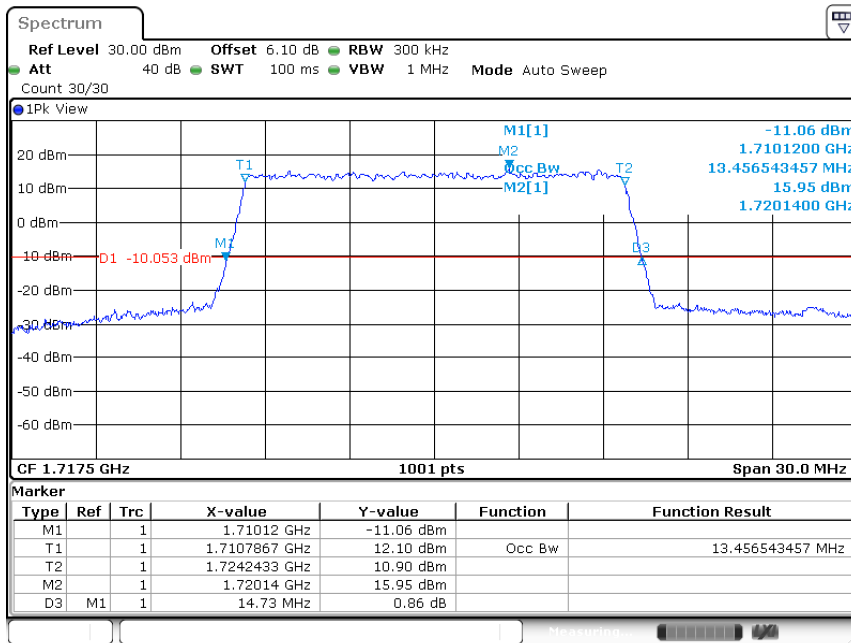


Date: 12.AUG.2020 23:08:16



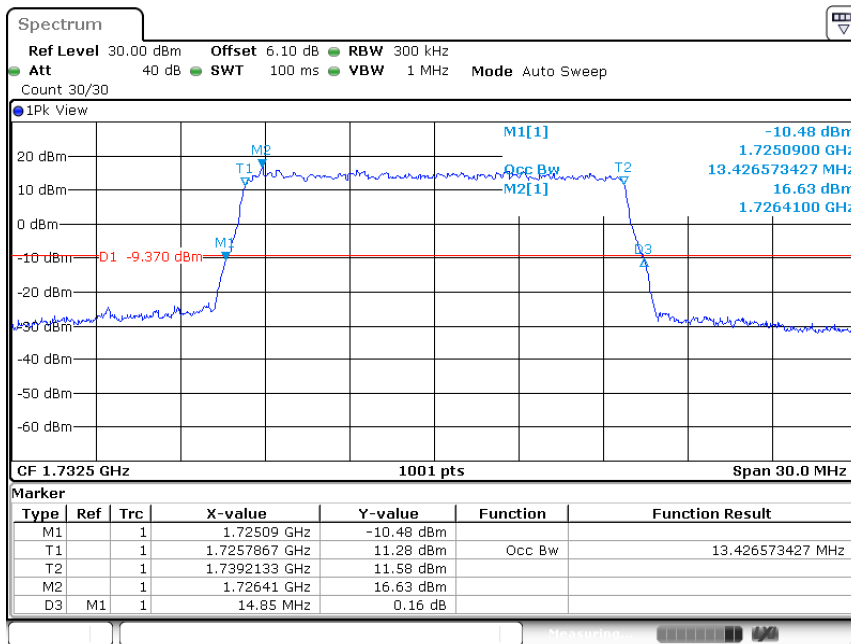
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Band4-15MHz-QPSK-20025-75RB#0-13.457



Date: 12.AUG.2020 23:08:28

Band4-15MHz-QPSK-20175-75RB#0-13.427

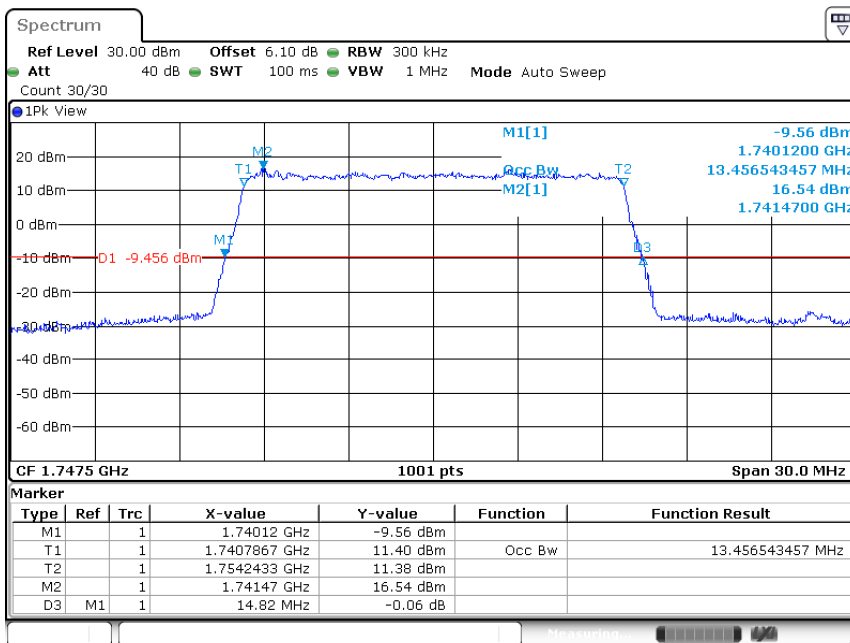


Date: 12.AUG.2020 23:08:48



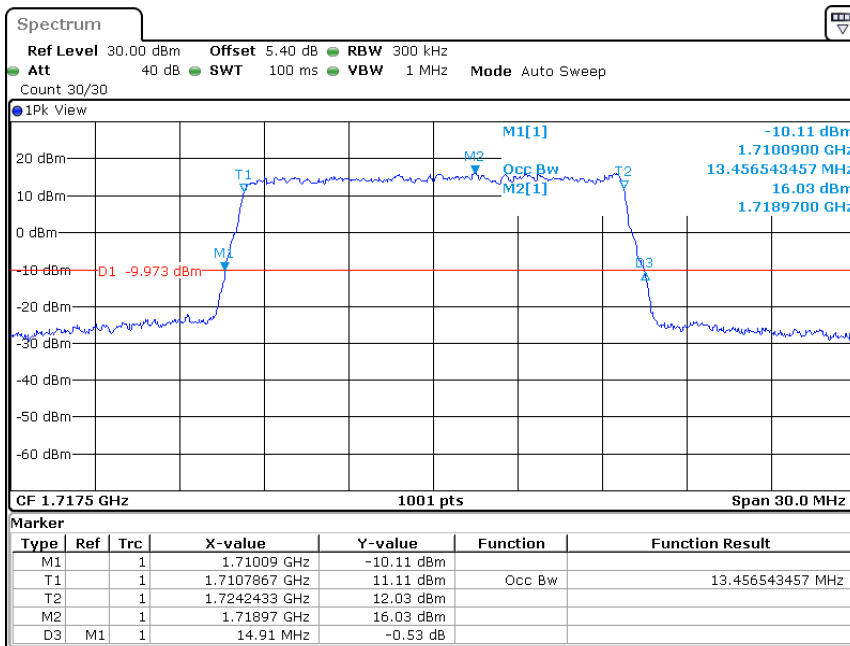
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Band4-15MHz-QPSK-20325-75RB#0-13.457



Date: 12.AUG.2020 23:09:07

Band4-15MHz-64QAM-20025-75RB#0-13.457



Date: 28.AUG.2020 16:22:21

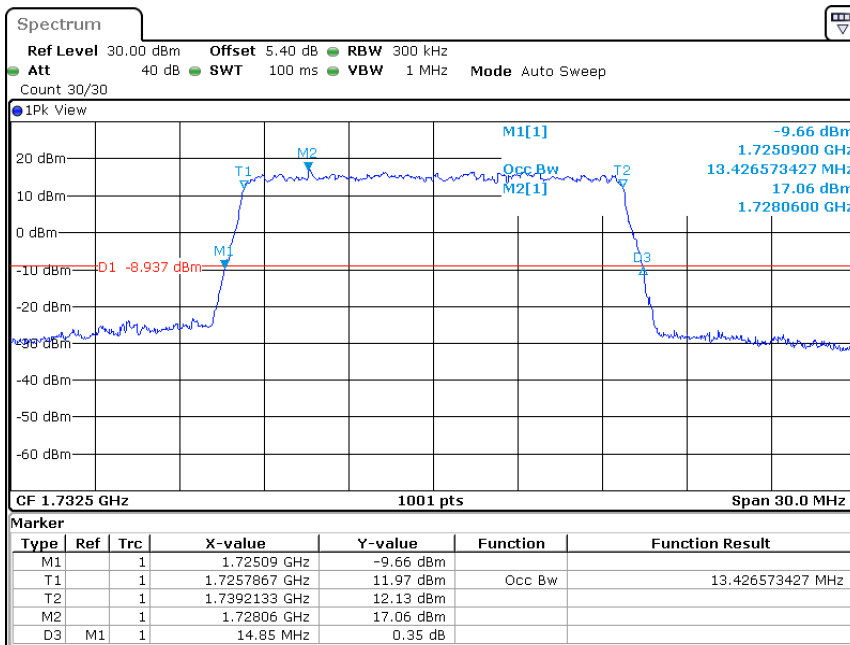


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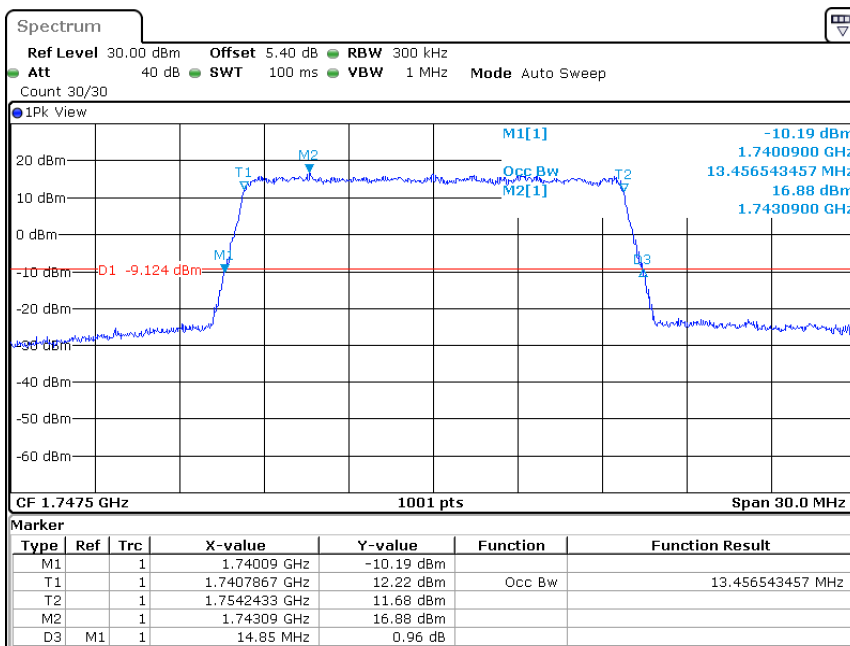
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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Band4-15MHz-64QAM-20175-75RB#0-13.427



Date: 28.AUG.2020 16:22:34

Band4-15MHz-64QAM-20325-75RB#0-13.457

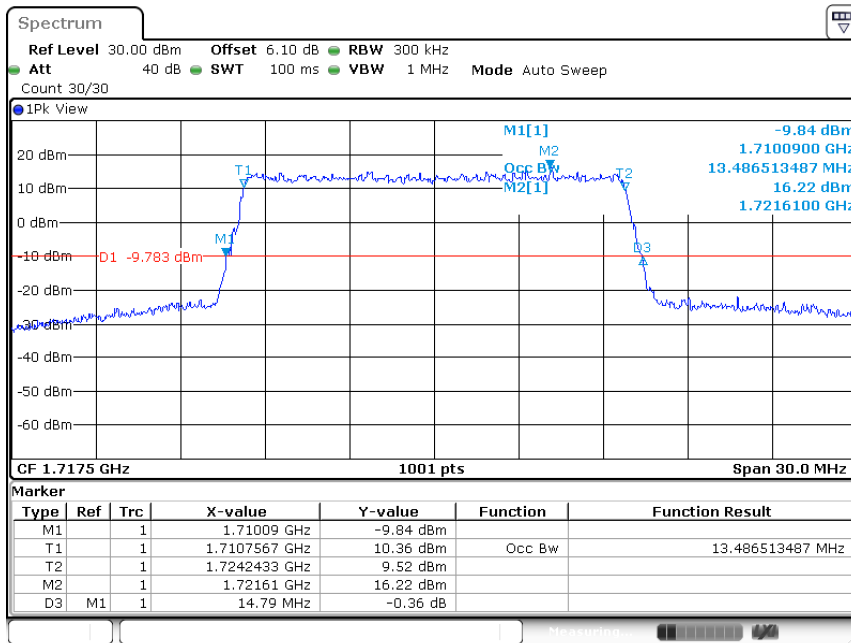


Date: 28.AUG.2020 16:22:47



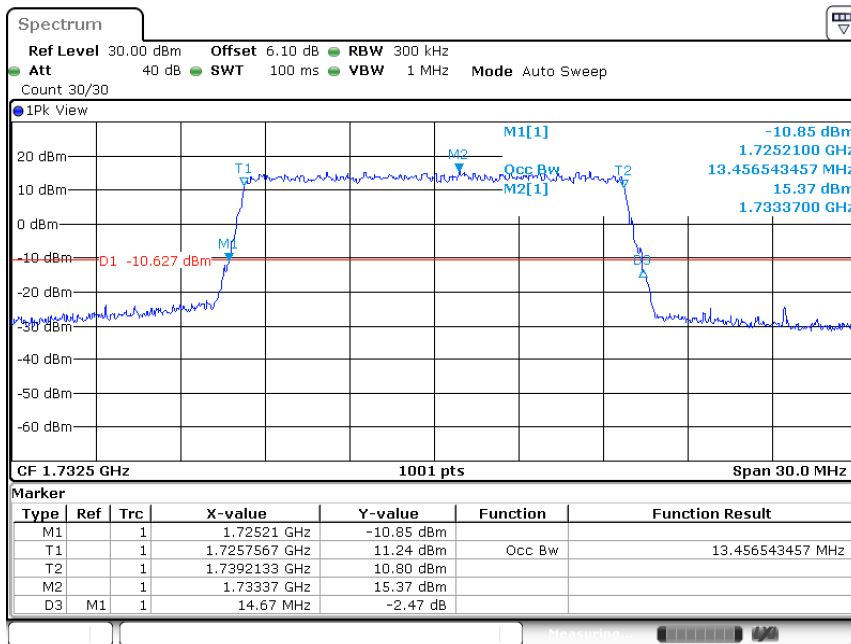
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Band4-15MHz-16QAM-20025-75RB#0-13.487



Date: 12.AUG.2020 23:08:38

Band4-15MHz-16QAM-20175-75RB#0-13.457

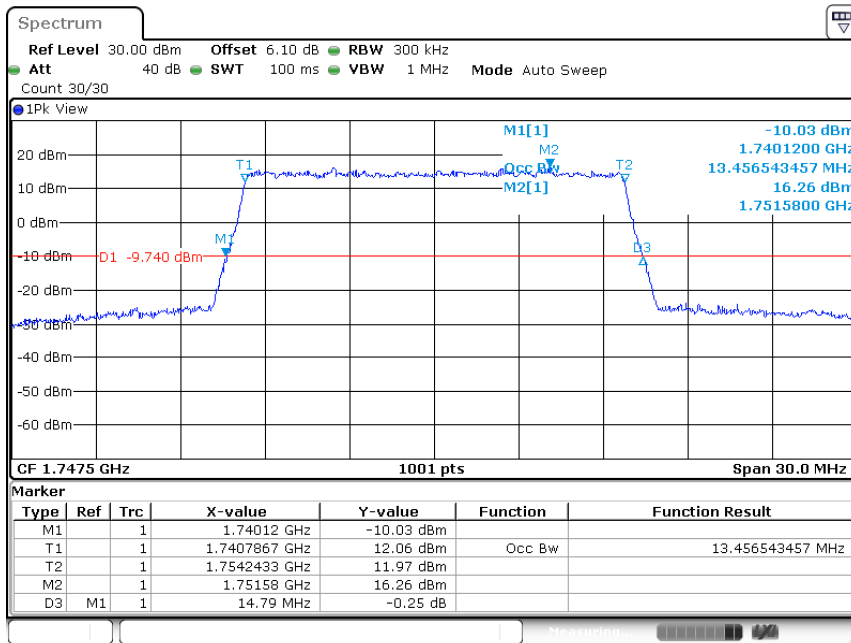


Date: 12.AUG.2020 23:08:57



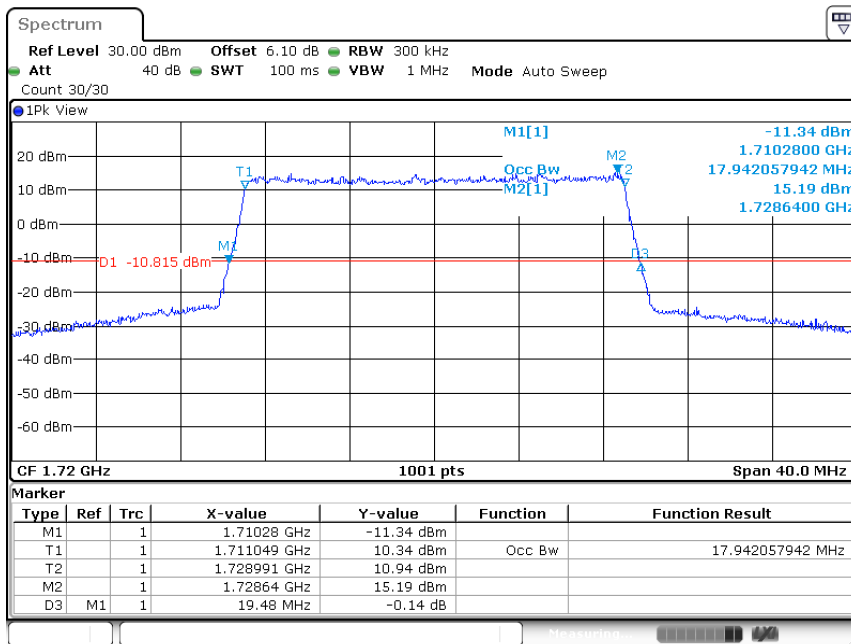
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Band4-15MHz-16QAM-20325-75RB#0-13.457



Date: 12.AUG.2020 23:09:17

Band4-20MHz-QPSK-20050-100RB#0-17.942

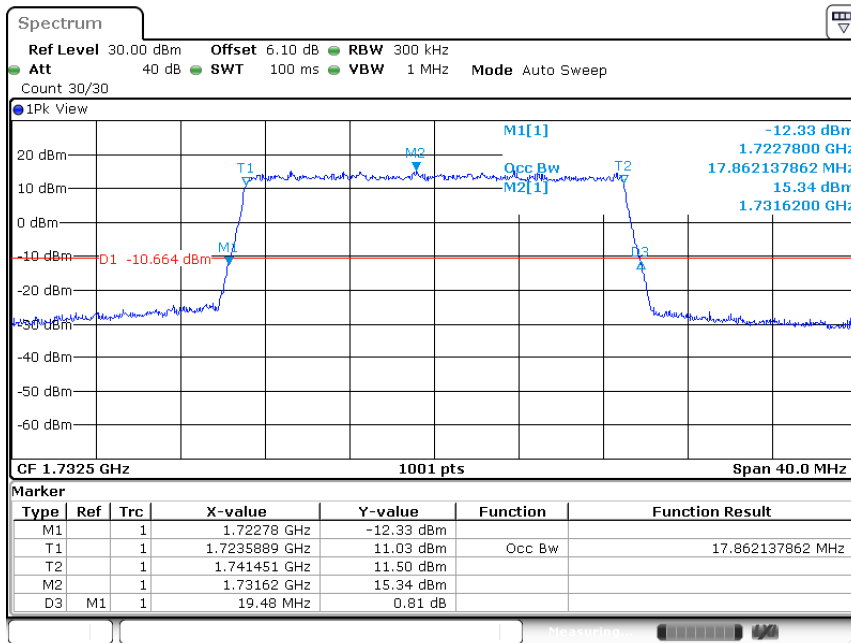


Date: 12.AUG.2020 23:09:28



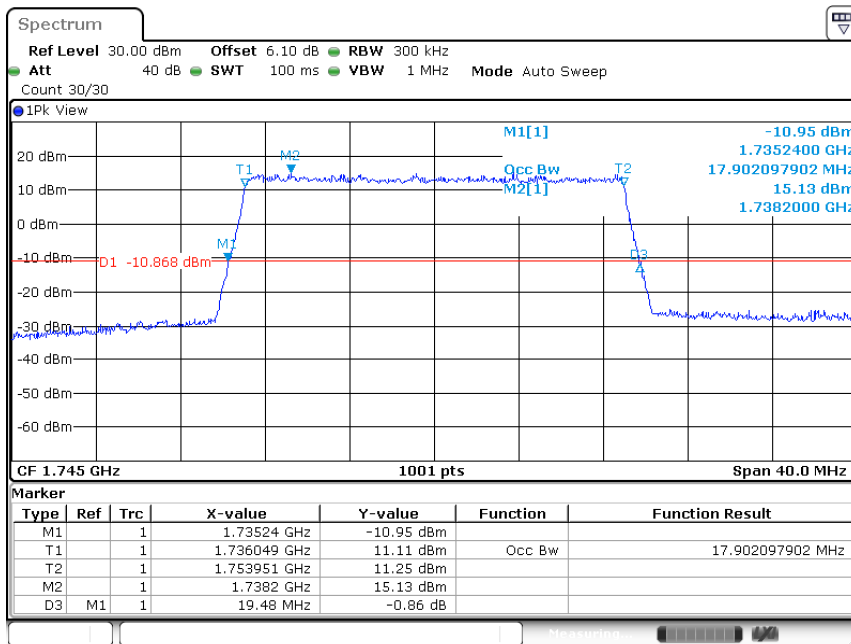
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Band4-20MHz-QPSK-20175-100RB#0-17.862



Date: 12.AUG.2020 23:09:48

Band4-20MHz-QPSK-20300-100RB#0-17.902

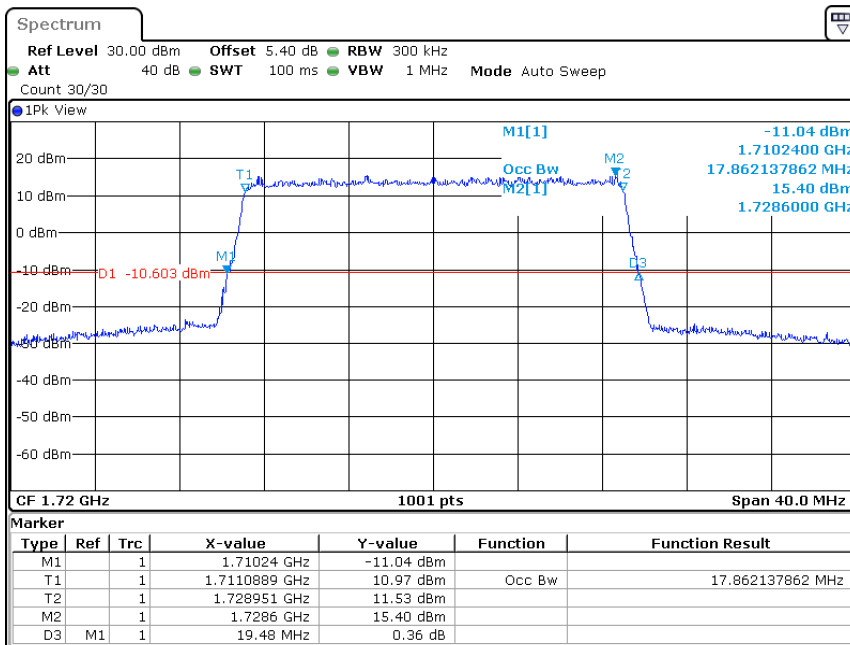


Date: 12.AUG.2020 23:10:08



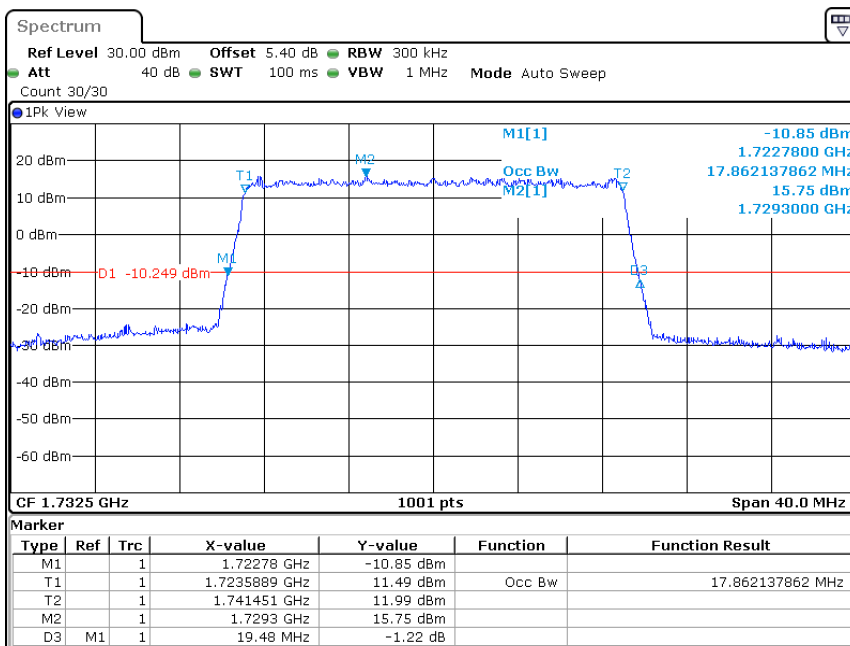
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Band4-20MHz-64QAM-20050-100RB#0-17.862



Date: 28.AUG.2020 16:23:07

Band4-20MHz-64QAM-20175-100RB#0-17.862

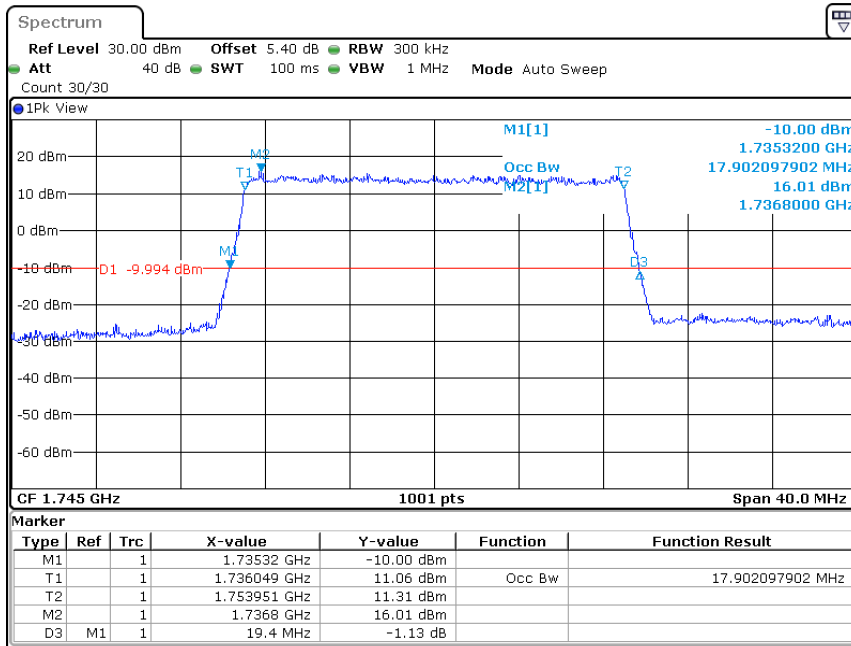


Date: 28.AUG.2020 16:23:20



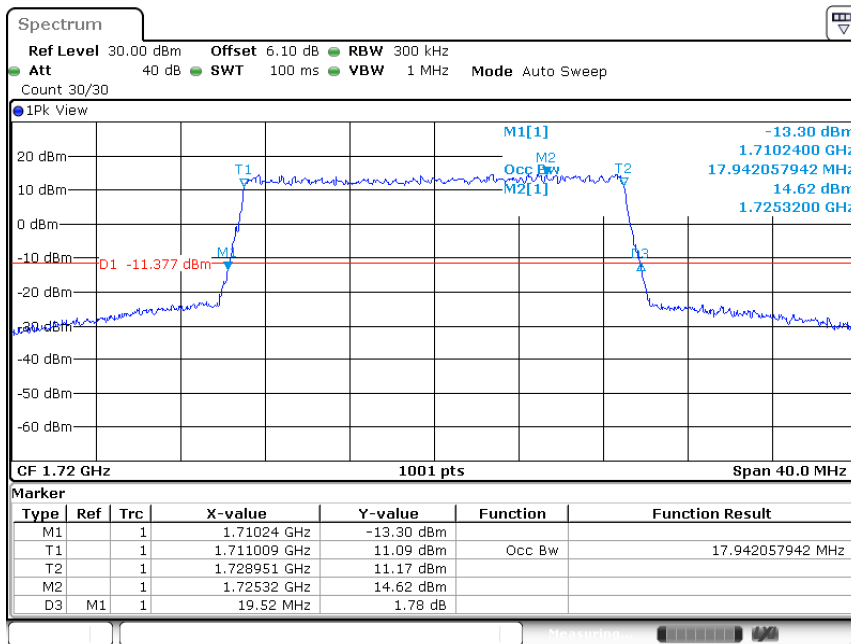
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Band4-20MHz-64QAM-20300-100RB#0-17.902



Date: 28.AUG.2020 16:23:33

Band4-20MHz-16QAM-20050-100RB#0-17.942

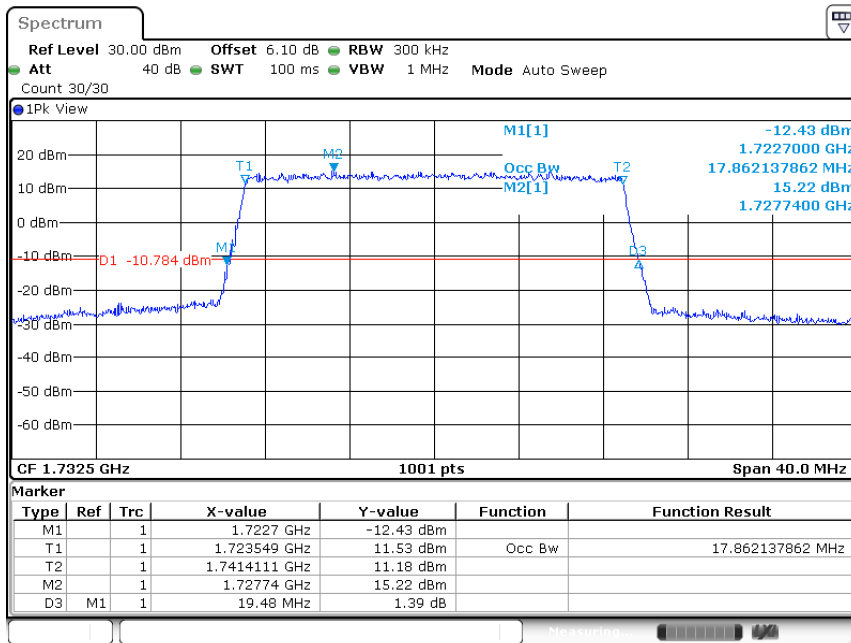


Date: 12.AUG.2020 23:09:38



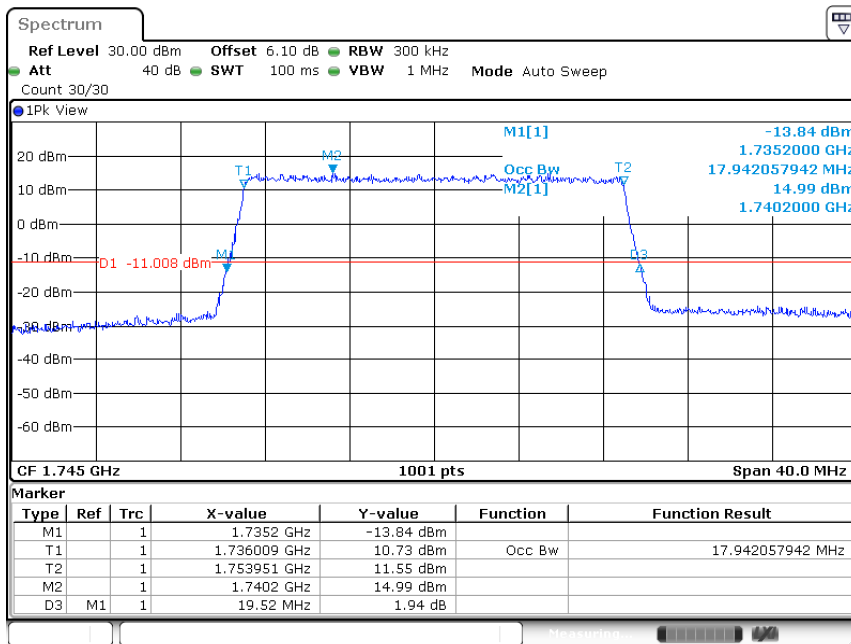
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Band4-20MHz-16QAM-20175-100RB#0-17.862



Date: 12.AUG.2020 23:09:58

Band4-20MHz-16QAM-20300-100RB#0-17.942



Date: 12.AUG.2020 23:10:17



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5. Band Edge Compliance

5.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | -26.13 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | -29.32 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | -26.27 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | -27.70 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0 | -24.58 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0 | -26.42 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5 | -23.38 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0 | -27.28 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | -25.23 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | -27.86 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | -25.46 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | -28.25 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | -25.15 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | -30.56 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#14 | -25.13 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | -28.85 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#0 | -22.93 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0 | -29.06 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14 | -22.33 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0 | -28.60 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | -24.08 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | -30.44 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | -25.34 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | -29.46 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | -24.65 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | -31.48 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#24 | -25.43 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | -30.38 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0 | -23.18 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0 | -29.36 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#24 | -22.07 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0 | -29.84 | PASS |



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| | | | | | | |
|-------|-------|-------|-------|---------|--------|------|
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | -24.33 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | -30.60 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24 | -24.37 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | -30.14 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | -34.14 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | -34.64 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#49 | -34.36 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | -34.58 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0 | -32.71 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | -32.33 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49 | -32.37 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | -32.30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | -33.39 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | -34.37 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49 | -34.52 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | -33.02 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | -29.19 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | -34.02 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#74 | -28.72 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | -34.92 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0 | -27.19 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | -33.57 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74 | -26.18 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | -33.14 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | -28.98 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | -33.40 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74 | -26.54 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | -34.35 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | -30.27 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | -32.64 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | -29.84 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | -33.98 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0 | -28.63 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | -33.54 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99 | -27.94 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | -32.41 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | -29.82 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -32.00 | PASS |



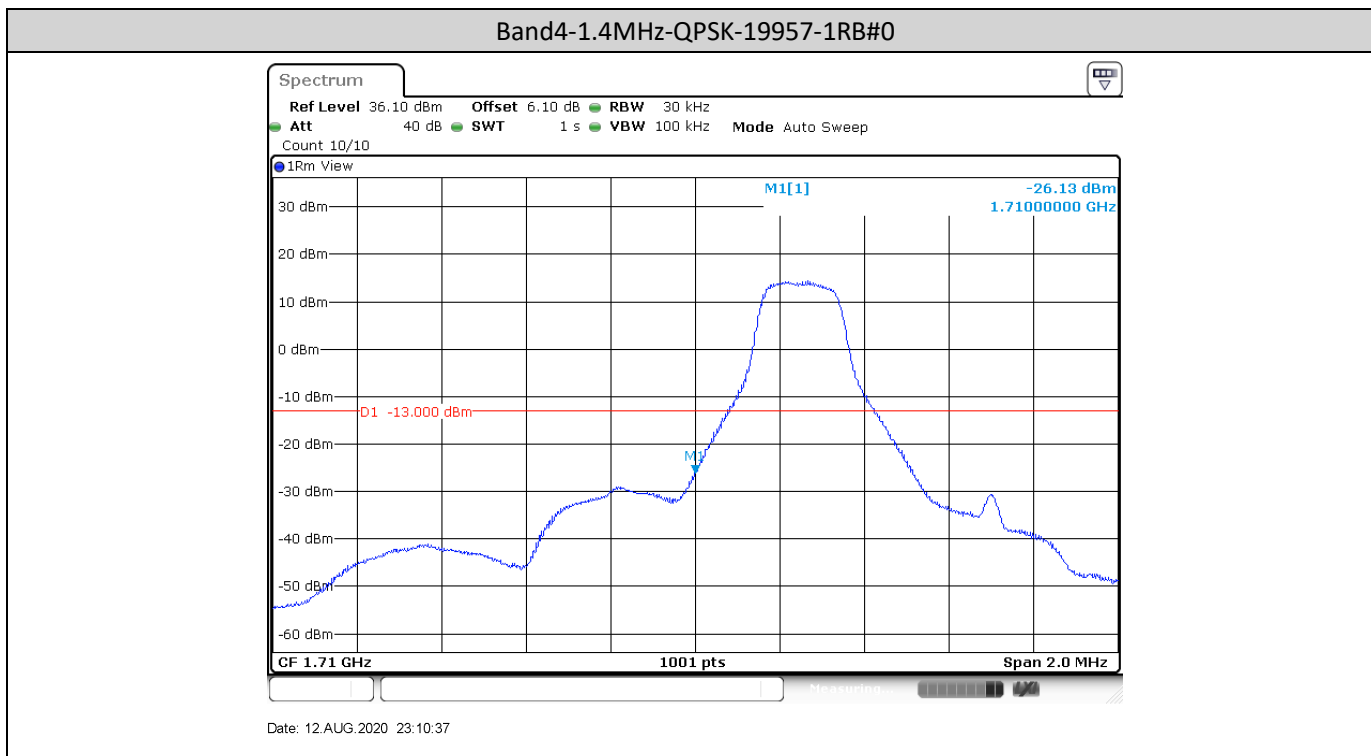
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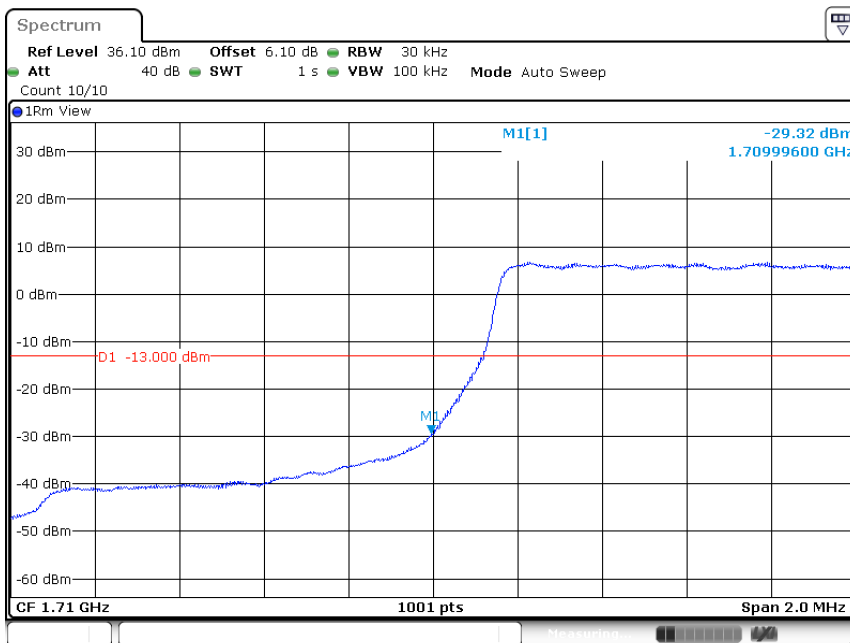
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|-------|-------|-------|-------|---------|--------|------|
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | -29.20 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -33.23 | PASS |

5.2. Test Plots



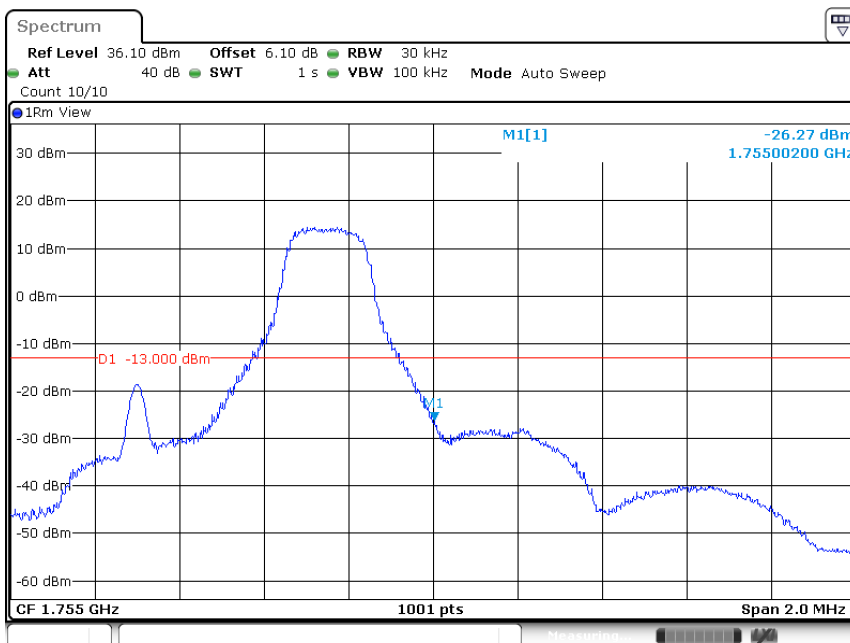
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Band4-1.4MHz-QPSK-19957-6RB#0



Date: 12.AUG.2020 23:11:12

Band4-1.4MHz-QPSK-20393-1RB#5

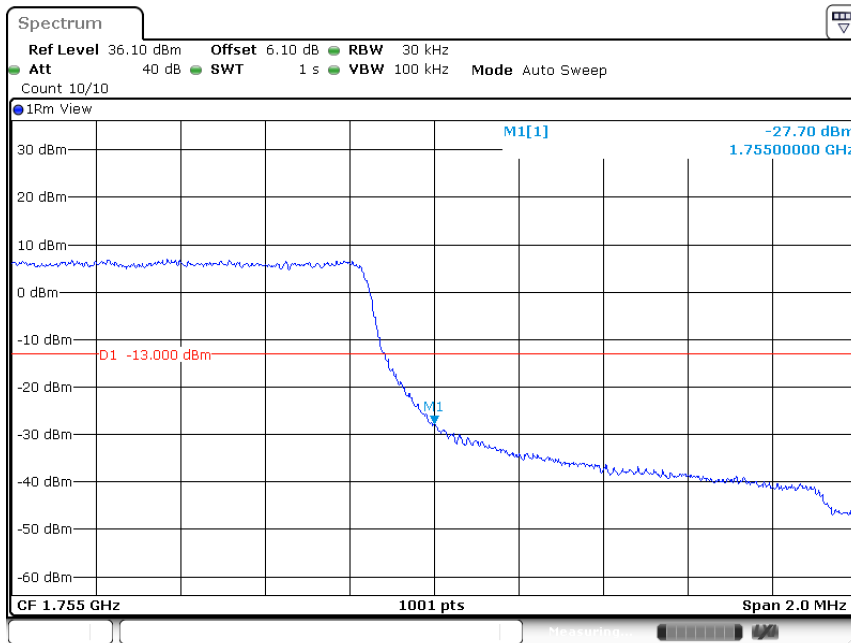


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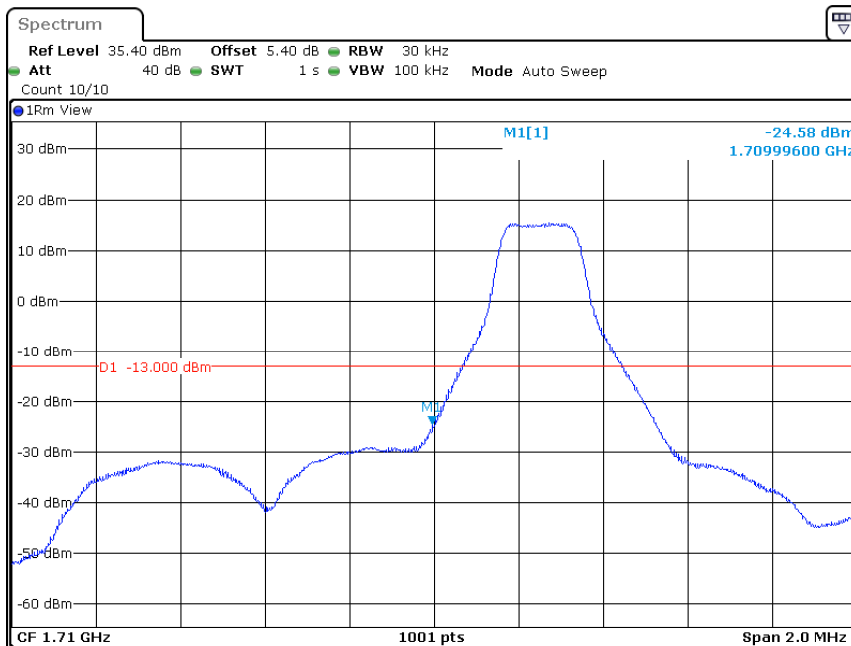
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Band4-1.4MHz-QPSK-20393-6RB#0



Date: 12.AUG.2020 23:12:24

Band4-1.4MHz-64QAM-19957-1RB#0



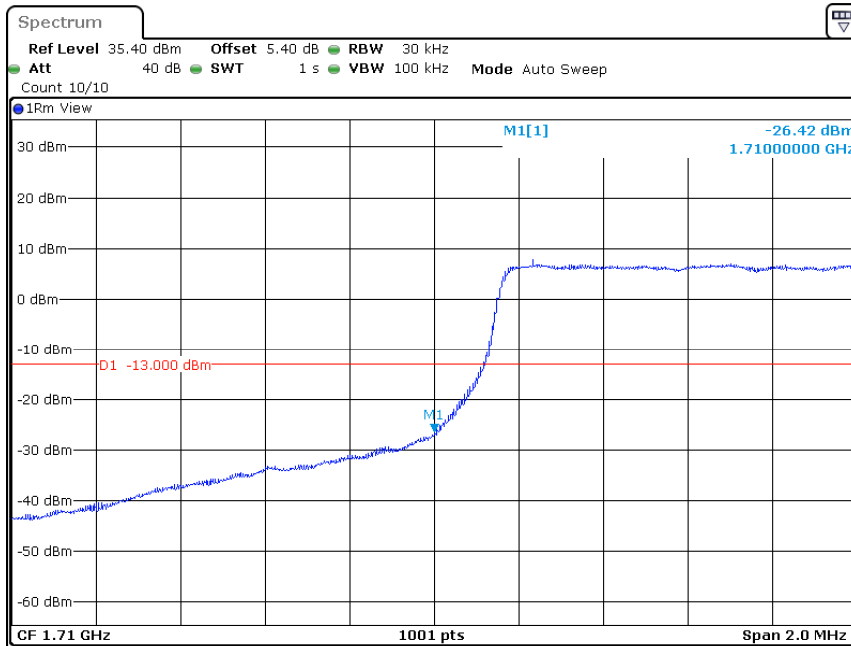
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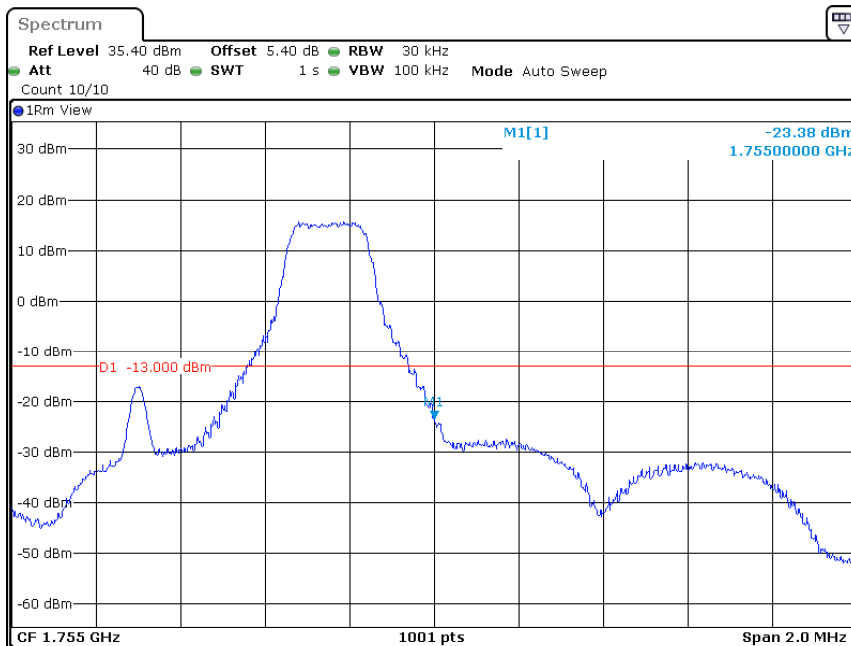
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Band4-1.4MHz-64QAM-19957-6RB#0



Date: 28.AUG.2020 16:24:21

Band4-1.4MHz-64QAM-20393-1RB#5



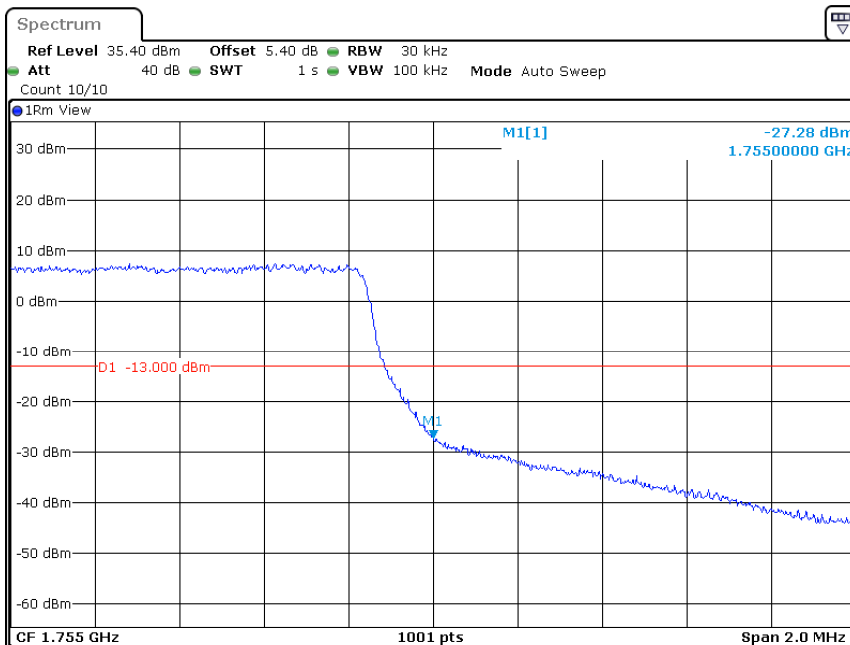
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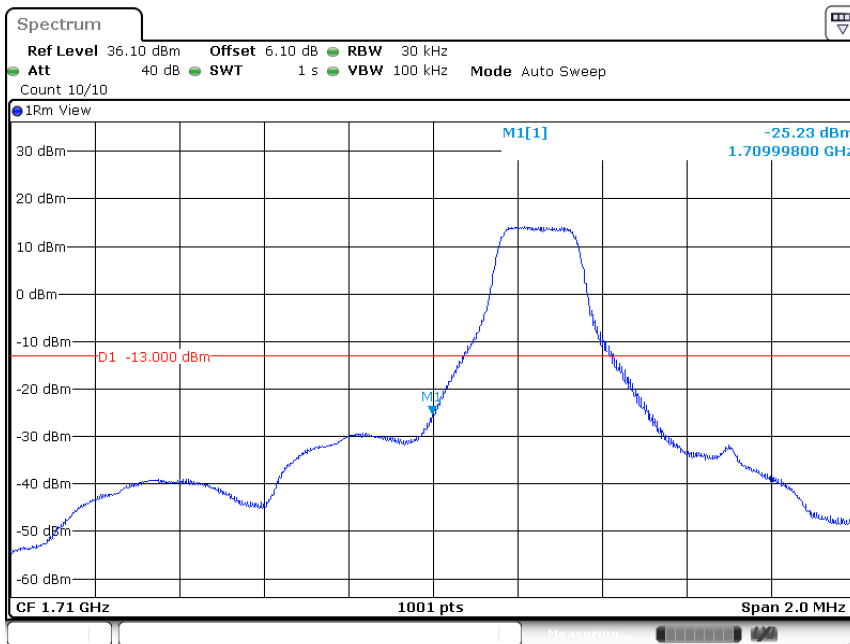
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Band4-1.4MHz-64QAM-20393-6RB#0



Date: 28.AUG.2020 16:25:08

Band4-1.4MHz-16QAM-19957-1RB#0



Date: 12.AUG.2020 23:10:55

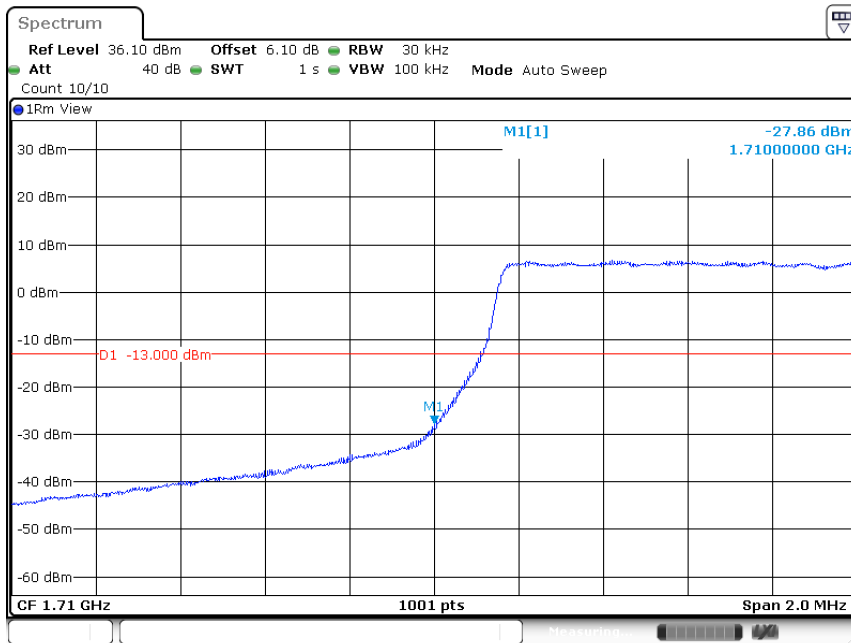


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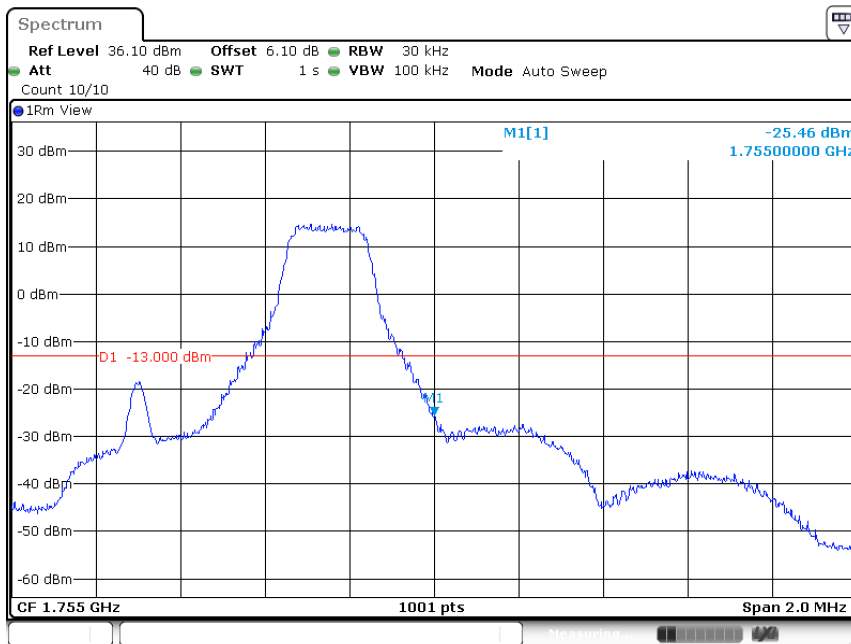
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Band4-1.4MHz-16QAM-19957-6RB#0



Date: 12.AUG.2020 23:11:30

Band4-1.4MHz-16QAM-20393-1RB#5



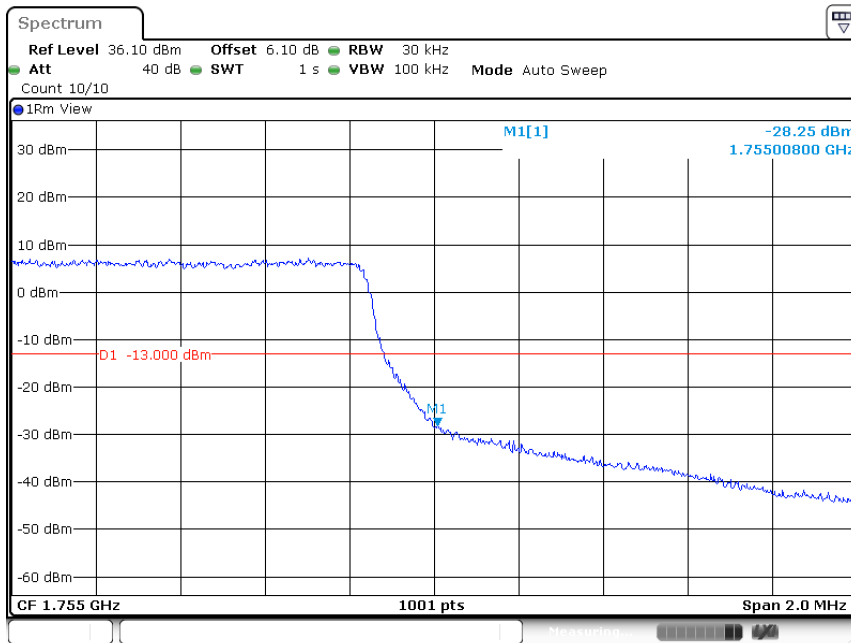
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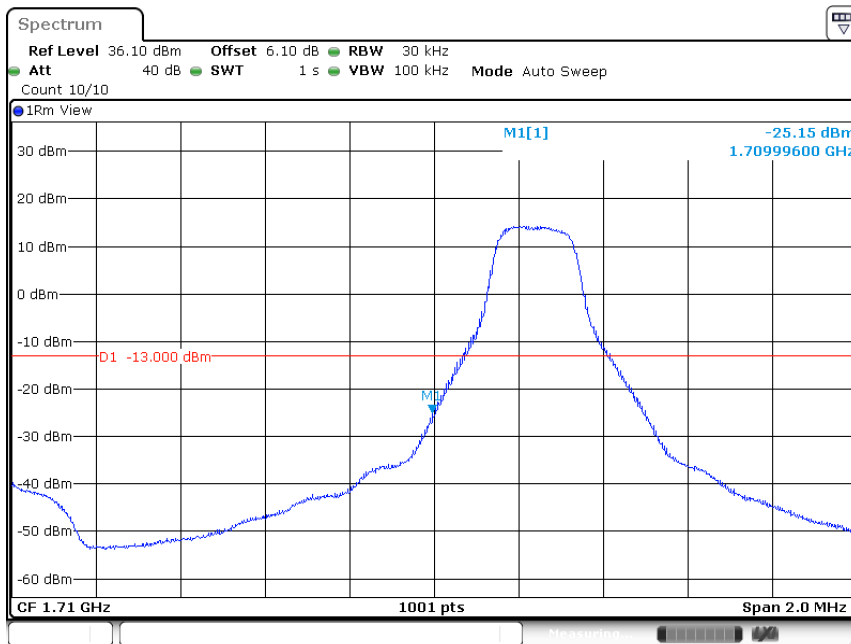
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Band4-1.4MHz-16QAM-20393-6RB#0



Date: 12.AUG.2020 23:12:41

Band4-3MHz-QPSK-19965-1RB#0



Date: 12.AUG.2020 23:13:01

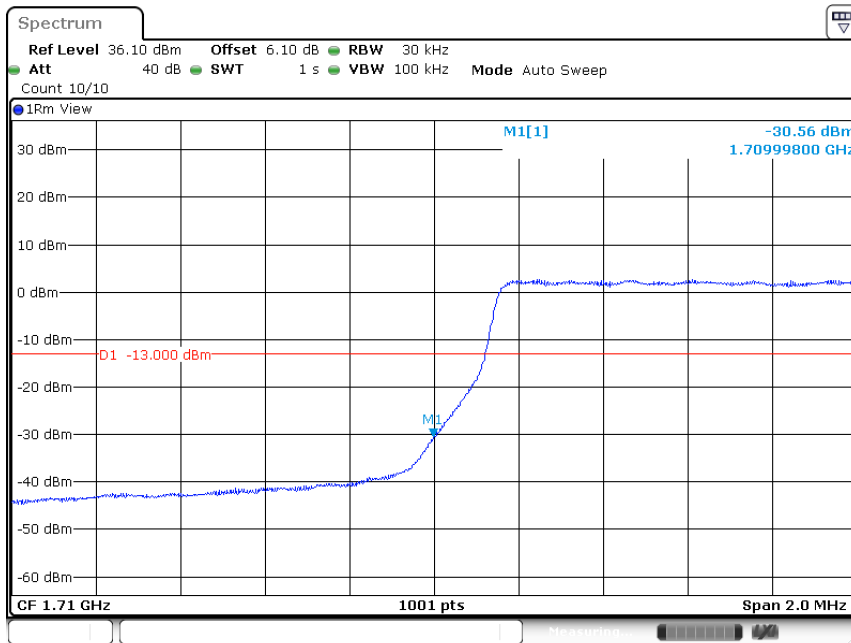


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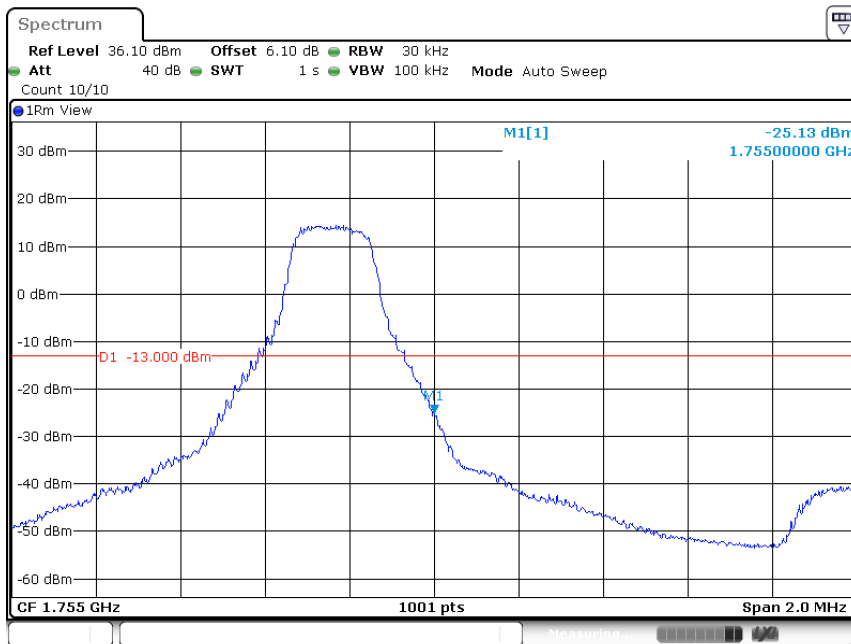
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Band4-3MHz-QPSK-19965-15RB#0



Date: 12.AUG.2020 23:13:36

Band4-3MHz-QPSK-20385-1RB#14

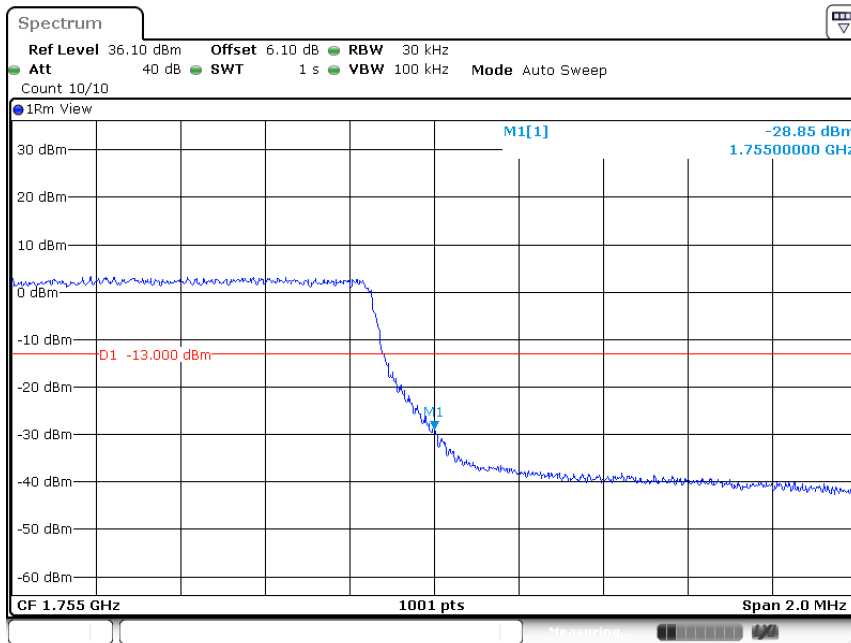


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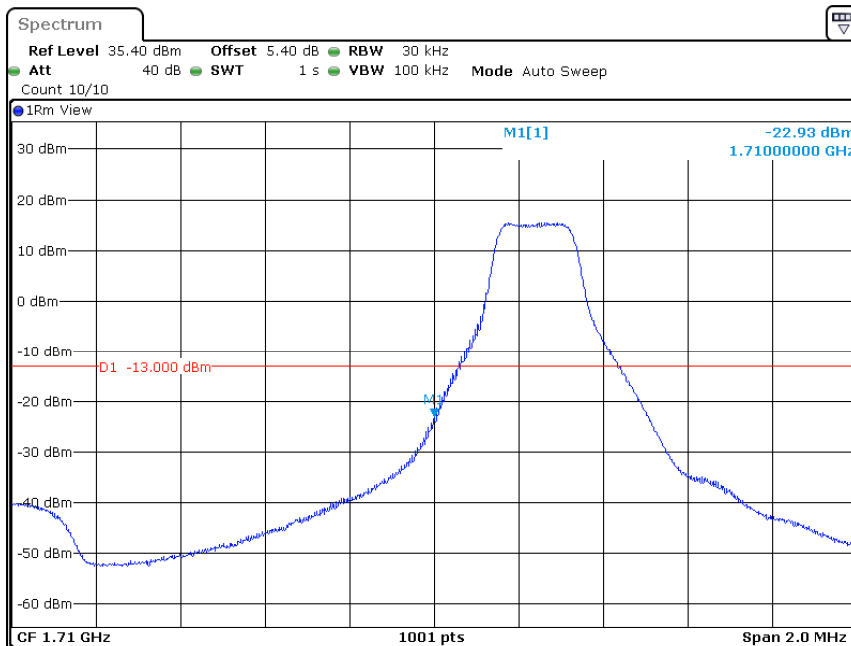
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Band4-3MHz-QPSK-20385-15RB#0



Date: 12.AUG.2020 23:14:47

Band4-3MHz-64QAM-19965-1RB#0

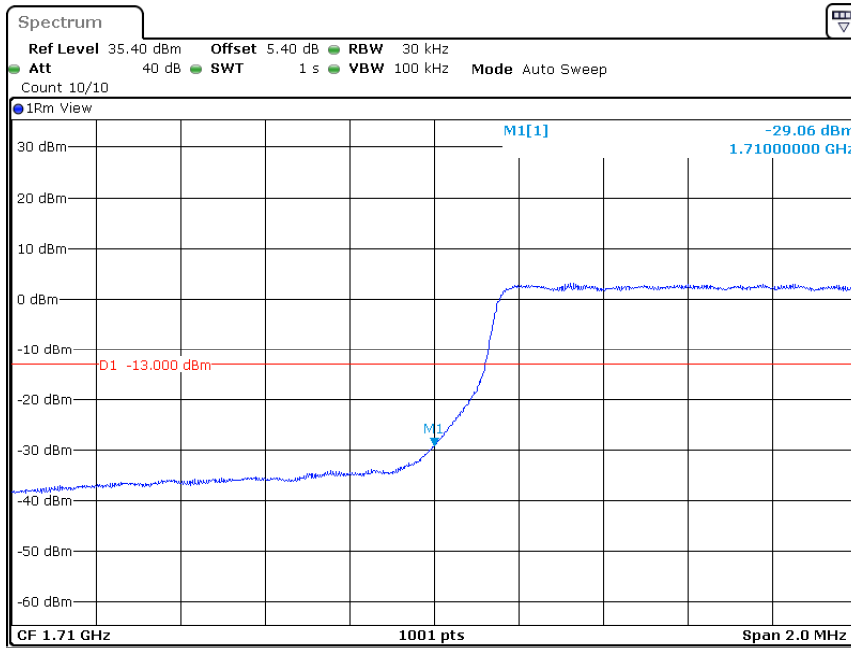


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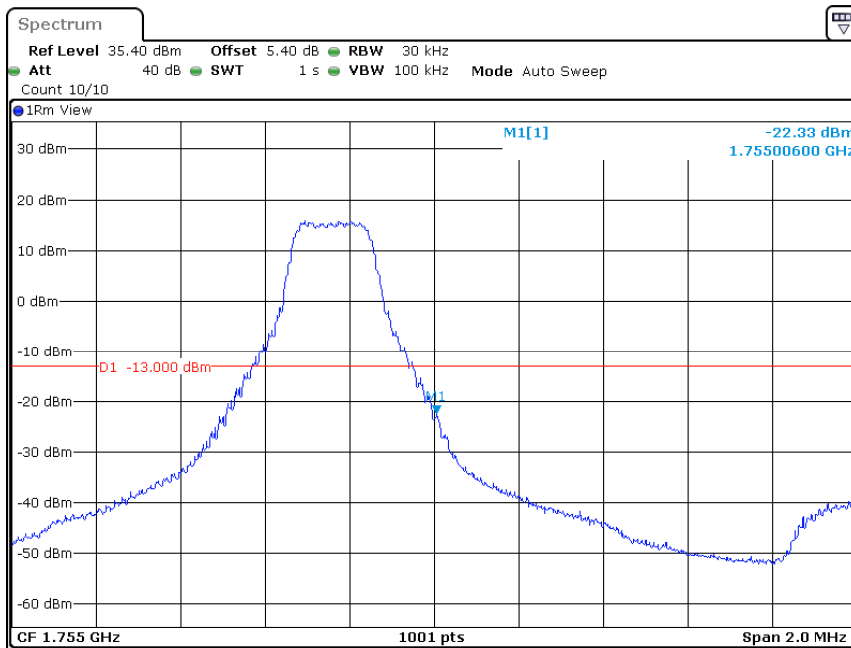
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Band4-3MHz-64QAM-19965-15RB#0



Date: 28.AUG.2020 16:25:56

Band4-3MHz-64QAM-20385-1RB#14



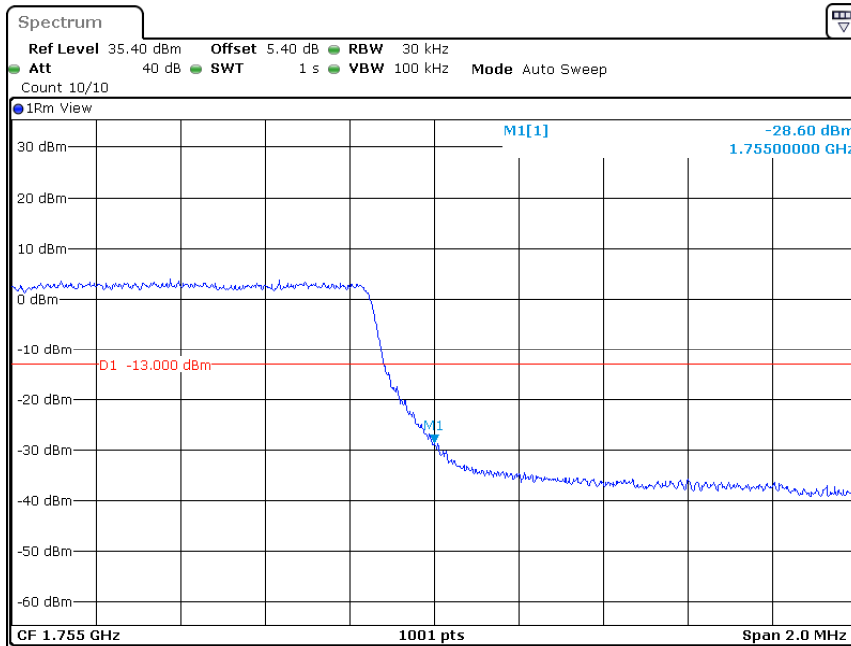
Date: 28.AUG.2020 16:26:22



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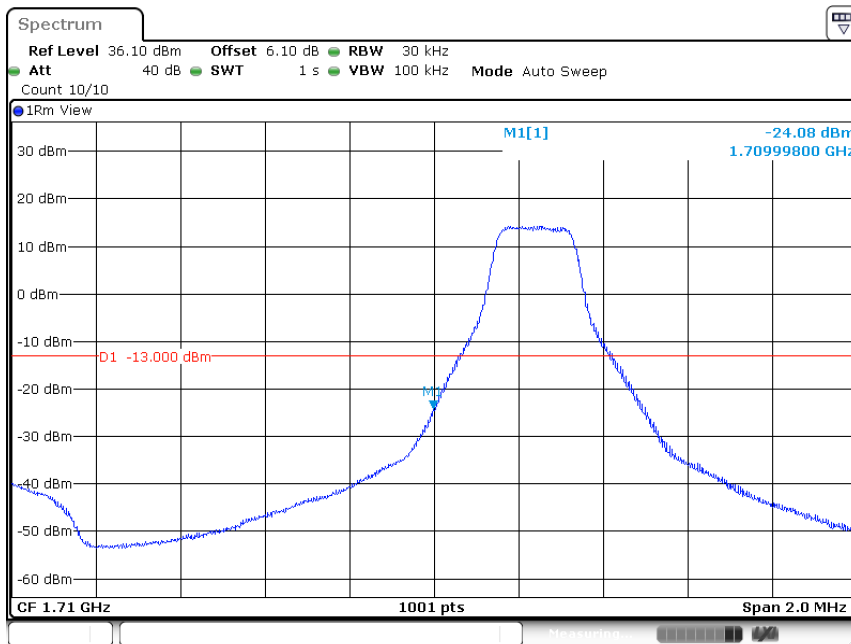
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Band4-3MHz-64QAM-20385-15RB#0



Date: 28.AUG.2020 16:26:43

Band4-3MHz-16QAM-19965-1RB#0



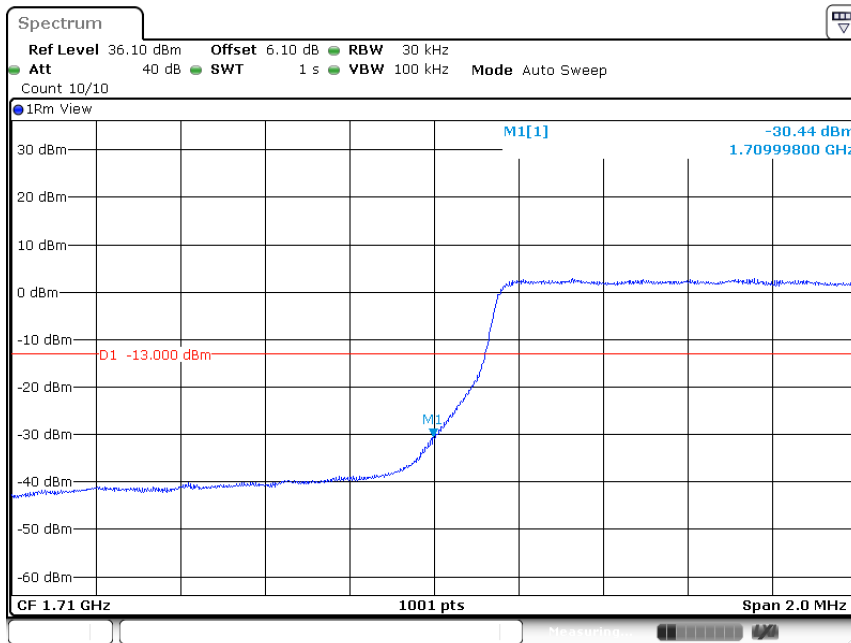
Date: 12.AUG.2020 23:13:19



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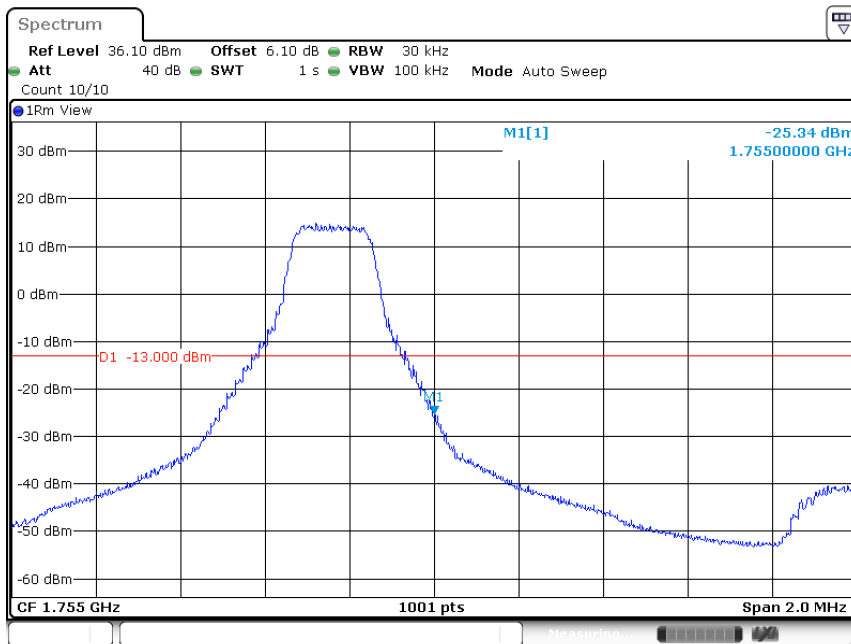
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Band4-3MHz-16QAM-19965-15RB#0



Date: 12.AUG.2020 23:13:54

Band4-3MHz-16QAM-20385-1RB#14



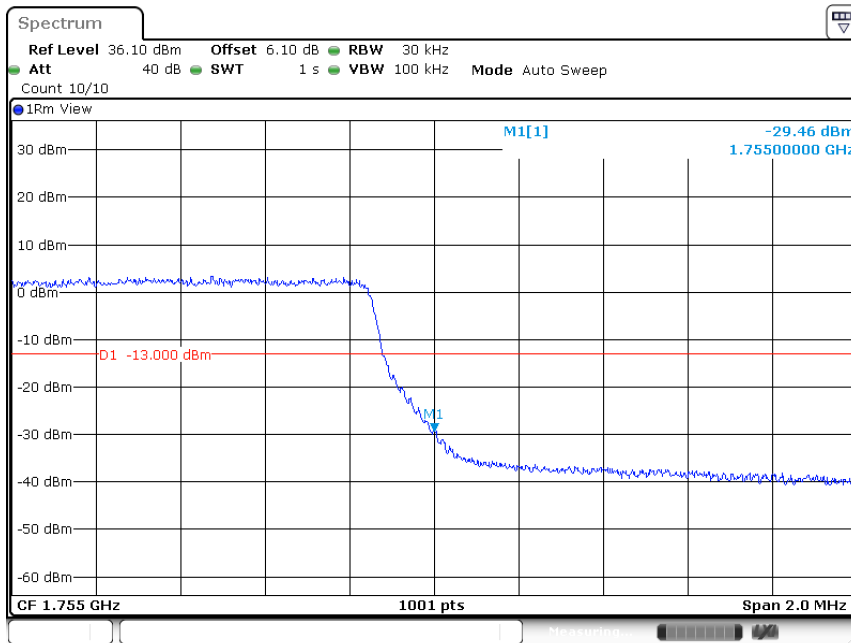
Date: 12.AUG.2020 23:14:30



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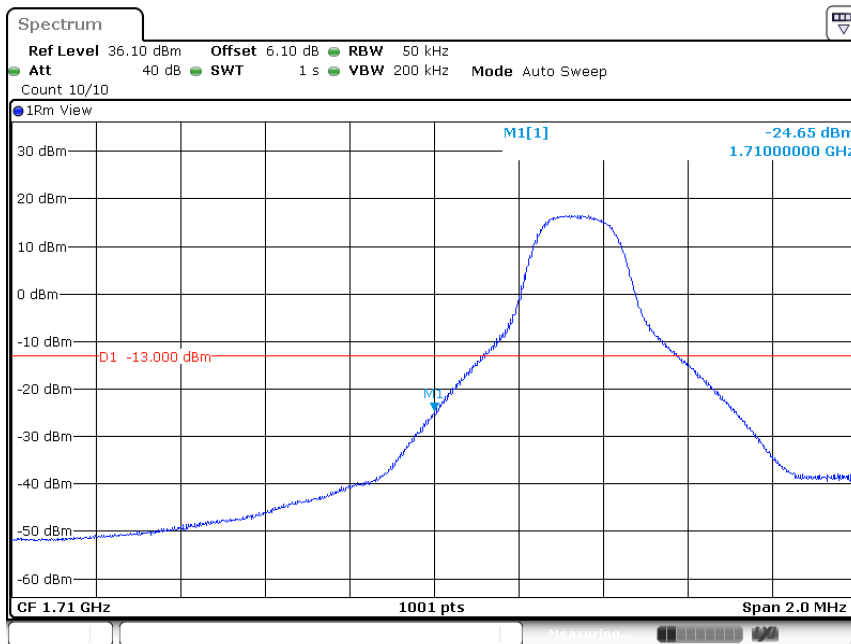
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Band4-3MHz-16QAM-20385-15RB#0



Date: 12.AUG.2020 23:15:05

Band4-5MHz-QPSK-19975-1RB#0

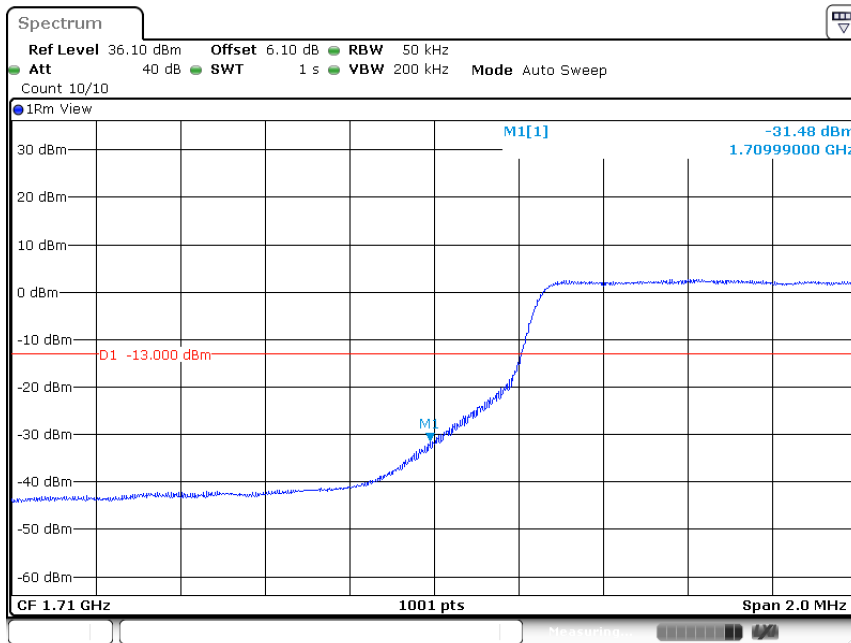


Date: 12.AUG.2020 23:15:24



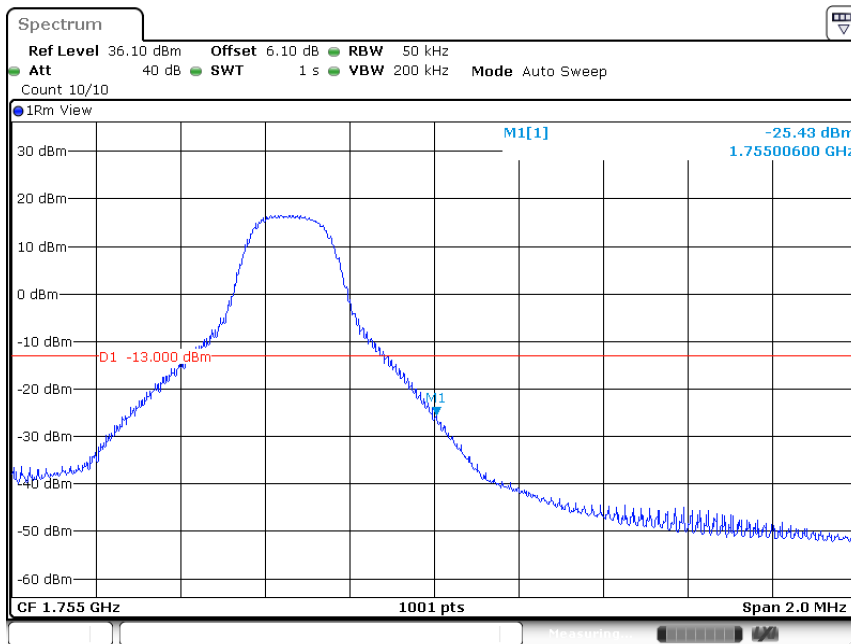
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Band4-5MHz-QPSK-19975-25RB#0



Date: 12.AUG.2020 23:15:59

Band4-5MHz-QPSK-20375-1RB#24

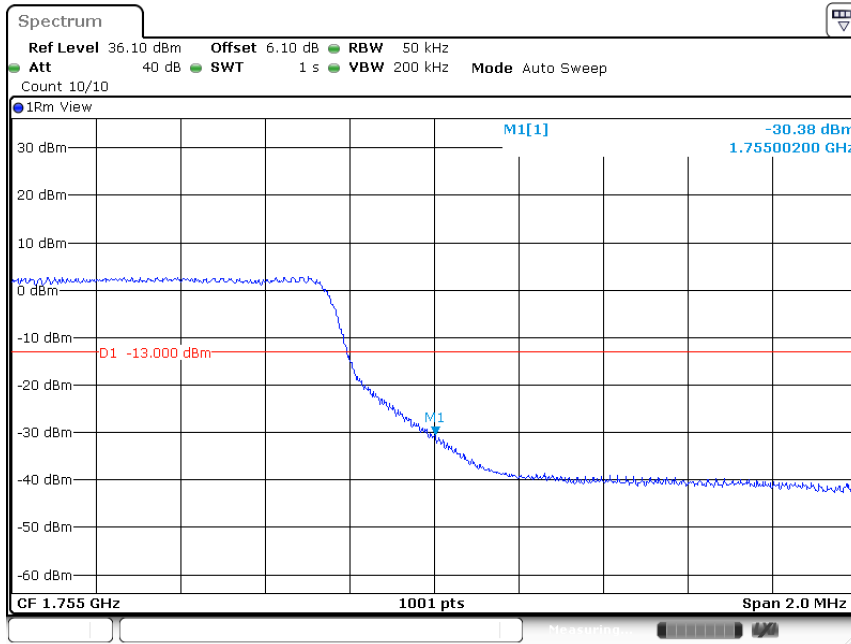


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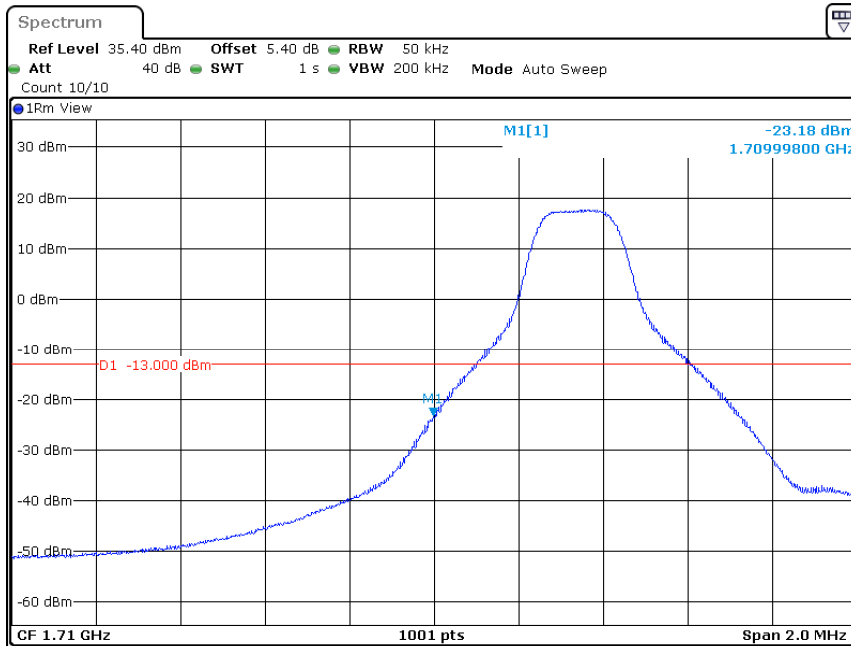
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Band4-5MHz-QPSK-20375-25RB#0



Date: 12.AUG.2020 23:17:10

Band4-5MHz-64QAM-19975-1RB#0

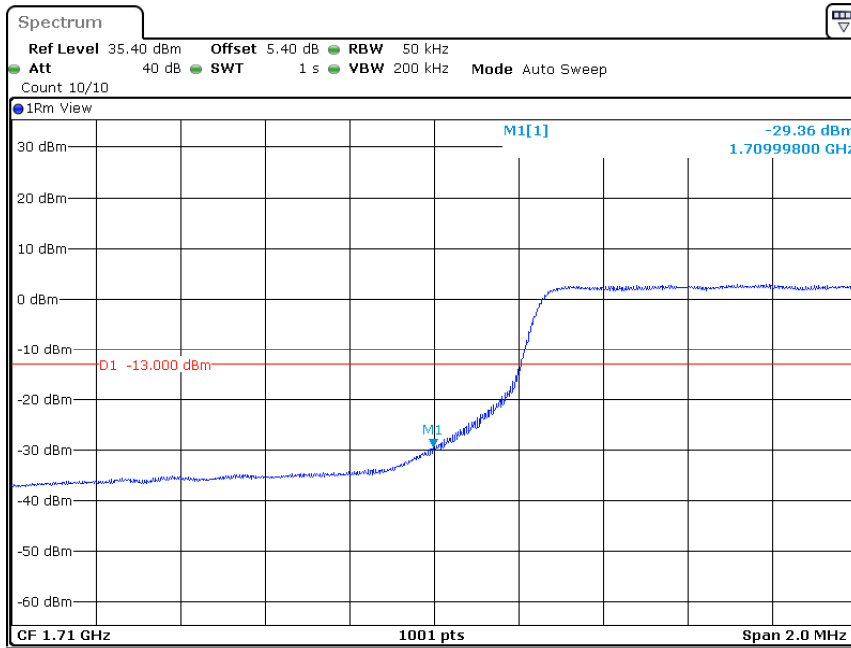


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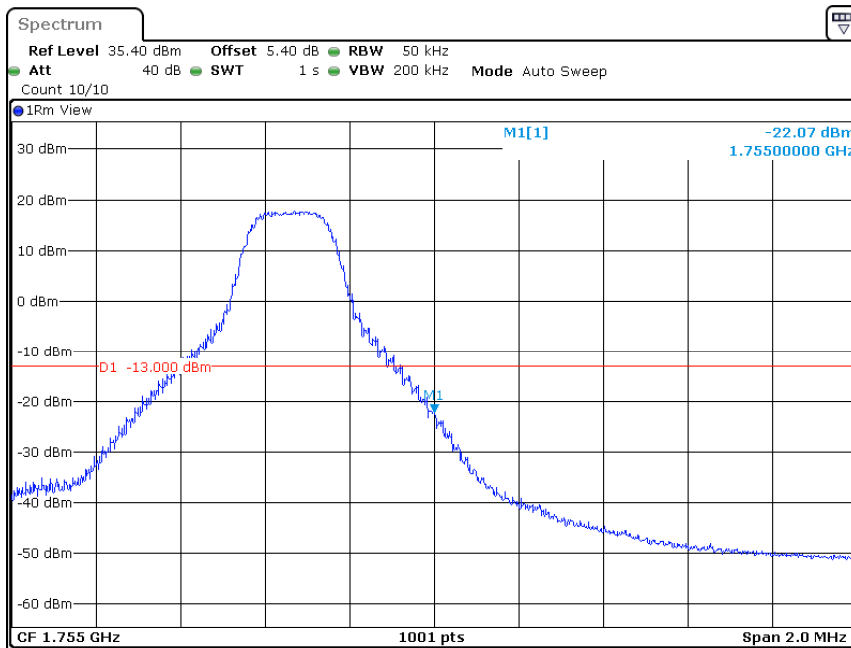
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Band4-5MHz-64QAM-19975-25RB#0



Date: 28.AUG.2020 16:27:31

Band4-5MHz-64QAM-20375-1RB#24

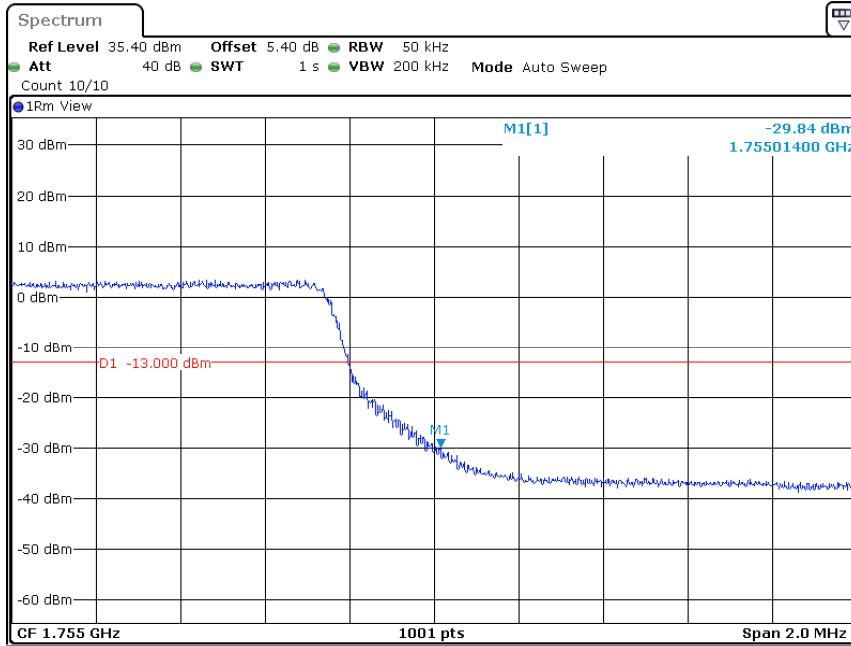


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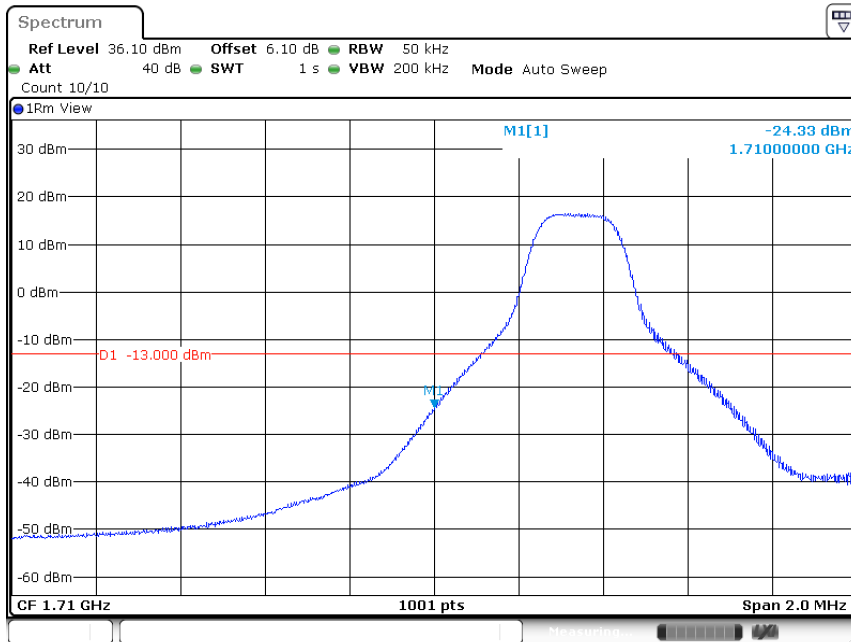
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Band4-5MHz-64QAM-20375-25RB#0



Date: 28.AUG.2020 16:28:17

Band4-5MHz-16QAM-19975-1RB#0



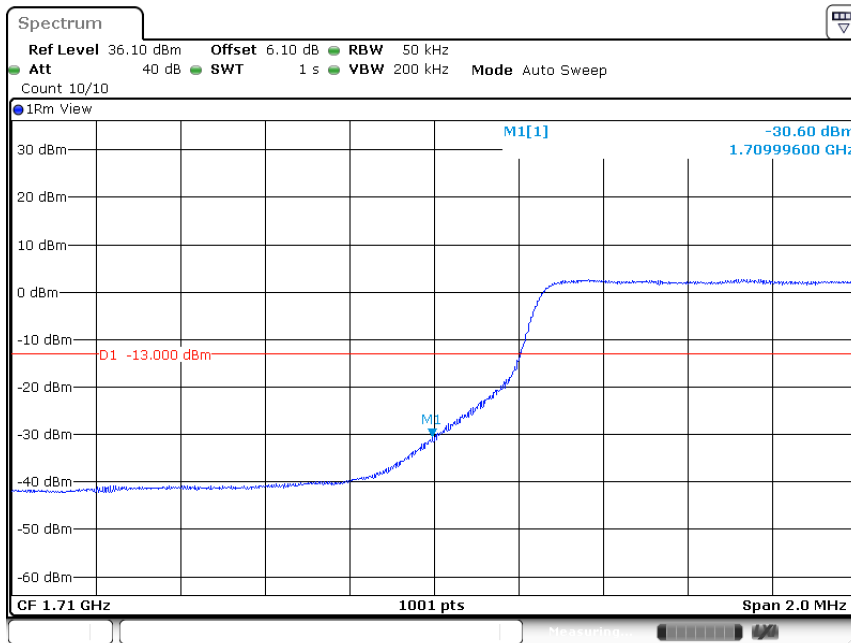
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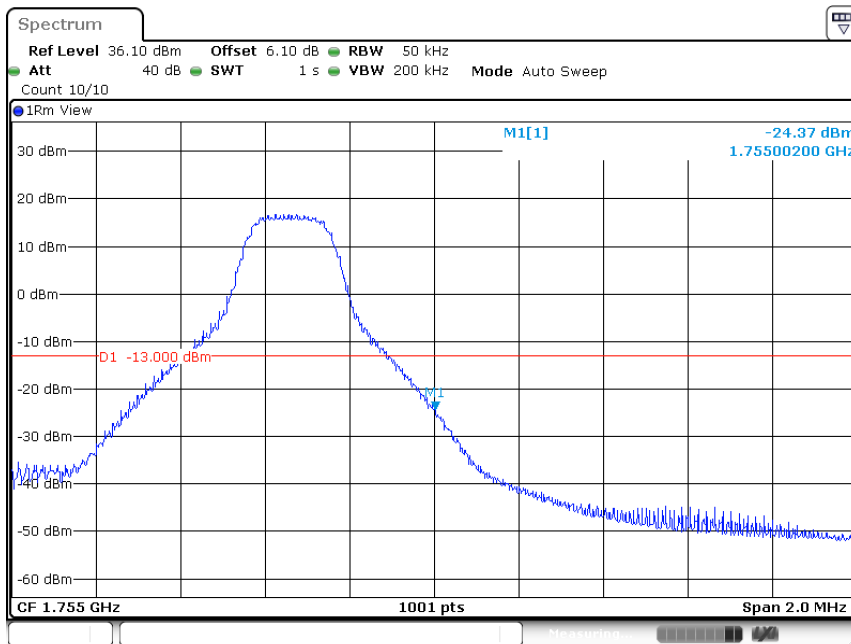
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Band4-5MHz-16QAM-19975-25RB#0



Date: 12.AUG.2020 23:16:16

Band4-5MHz-16QAM-20375-1RB#24

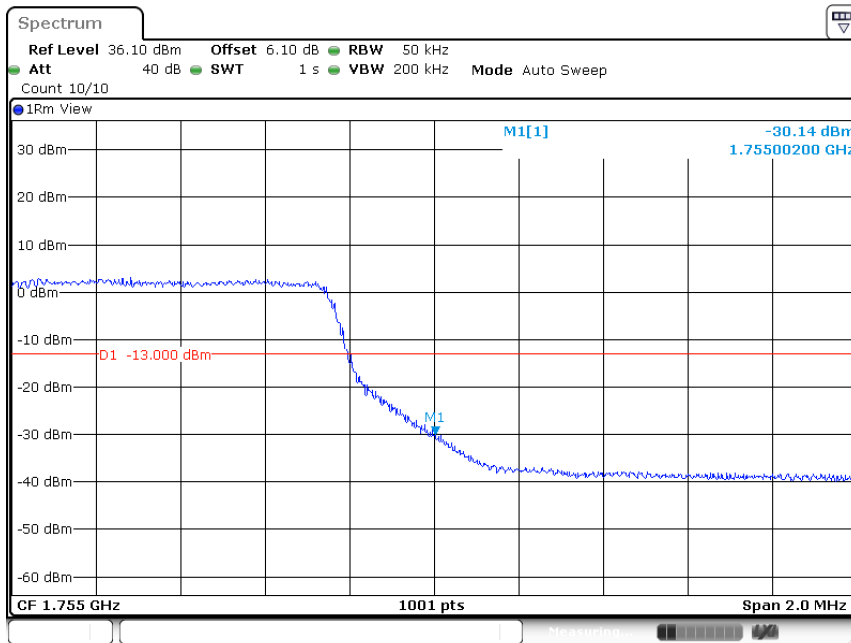


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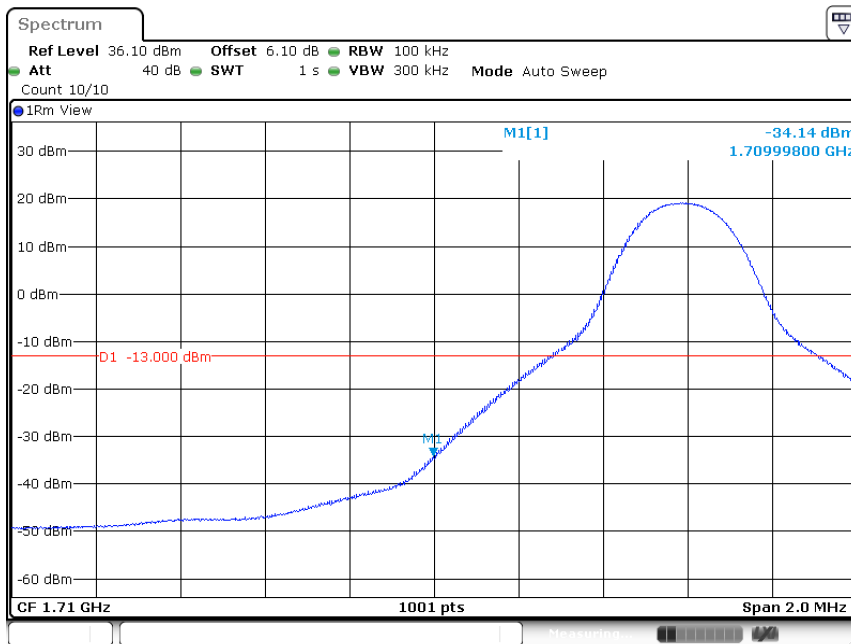
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Band4-5MHz-16QAM-20375-25RB#0



Date: 12.AUG.2020 23:17:27

Band4-10MHz-QPSK-20000-1RB#0

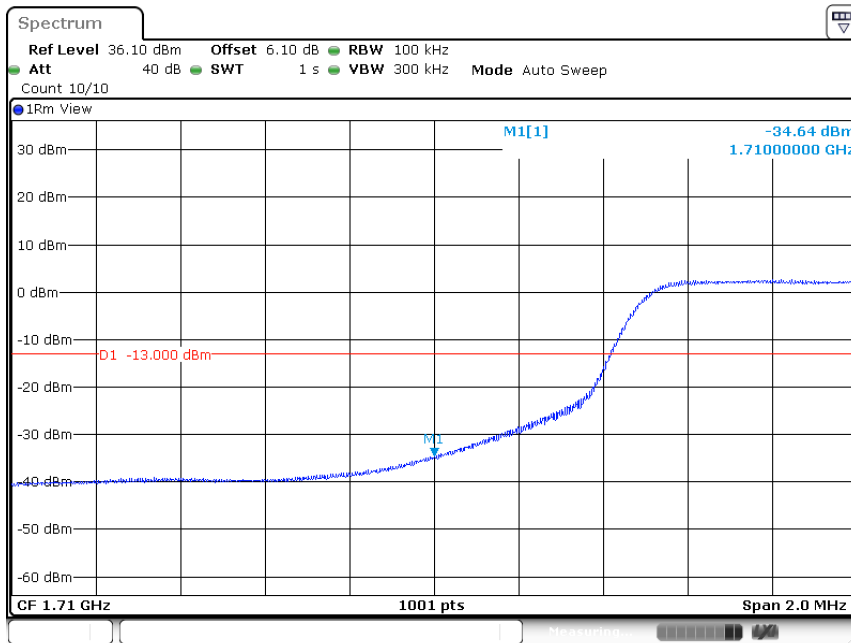


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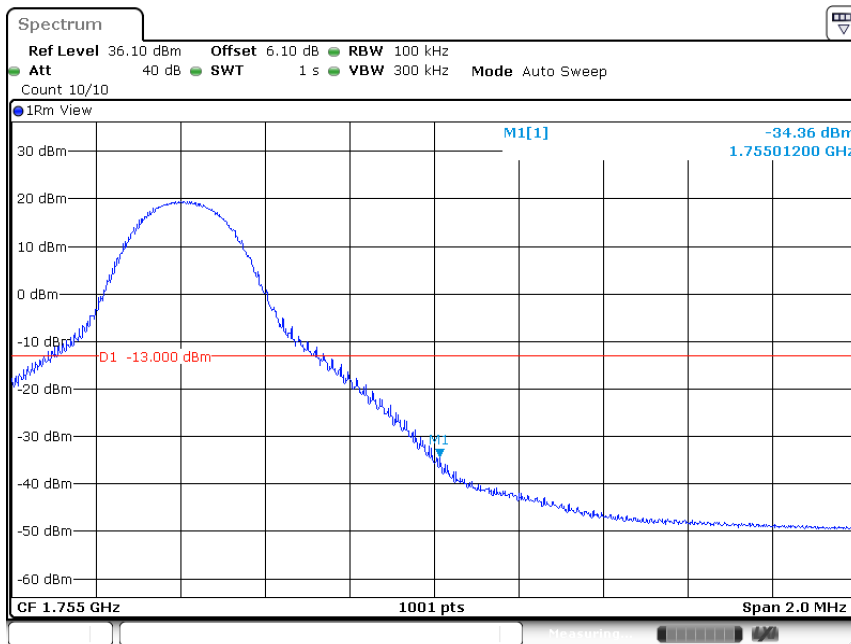
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Band4-10MHz-QPSK-20000-50RB#0



Date: 12.AUG.2020 23:18:22

Band4-10MHz-QPSK-20350-1RB#49

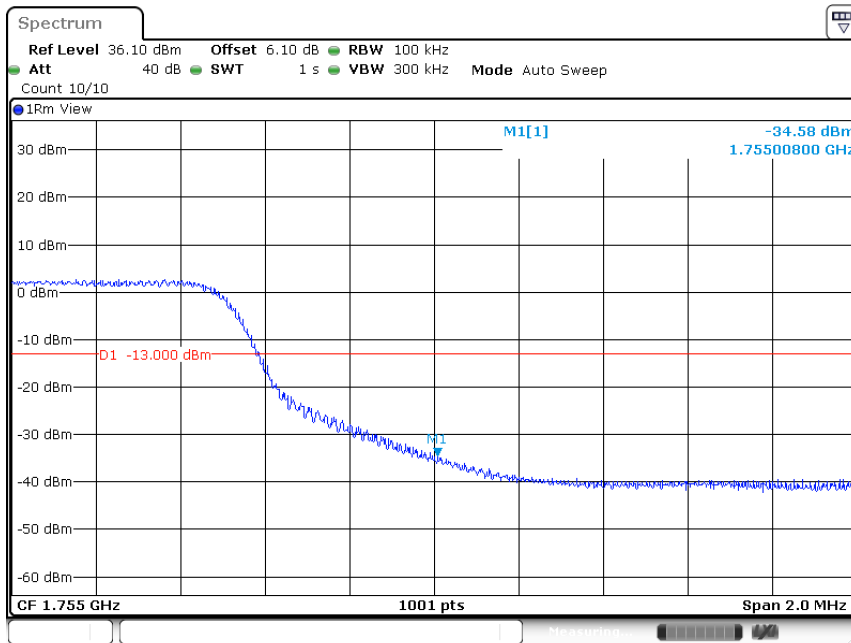


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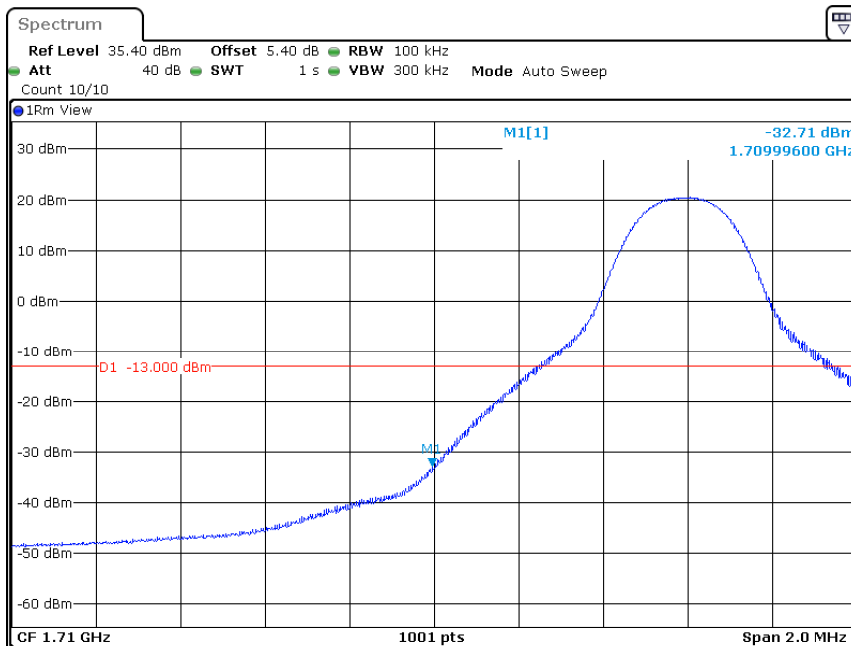
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Band4-10MHz-QPSK-20350-50RB#0



Date: 12.AUG.2020 23:19:34

Band4-10MHz-64QAM-20000-1RB#0

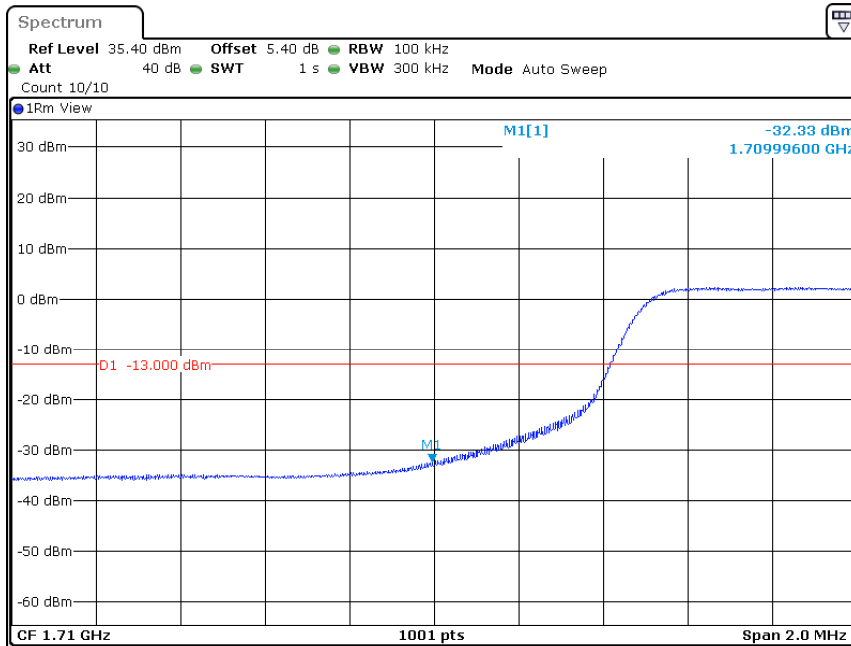


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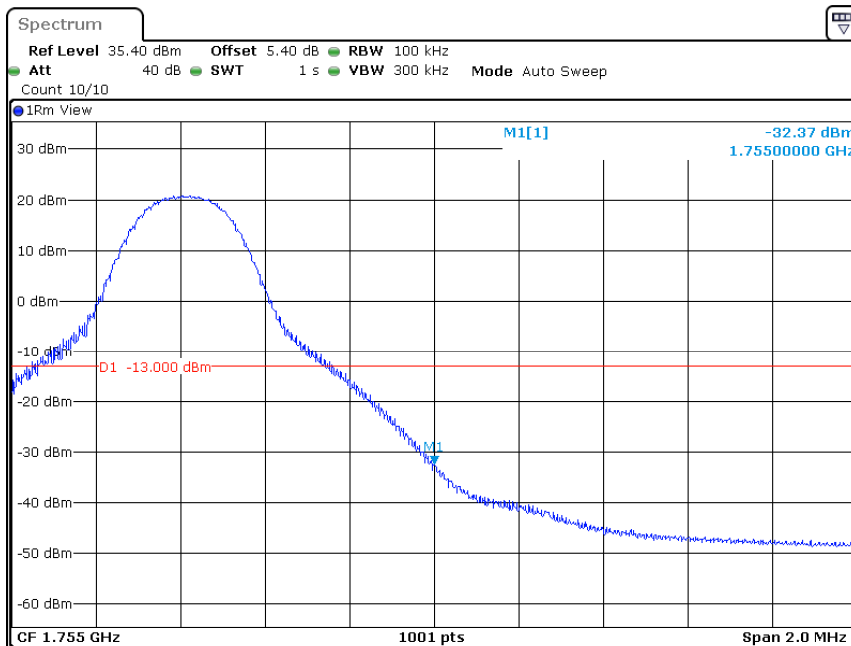
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Band4-10MHz-64QAM-20000-50RB#0



Date: 28.AUG.2020 16:29:05

Band4-10MHz-64QAM-20350-1RB#49



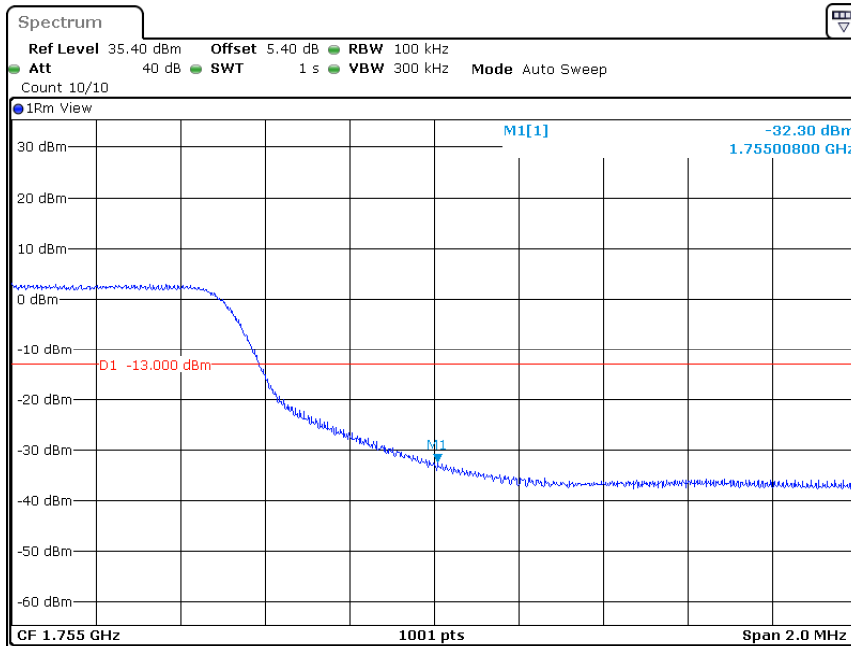
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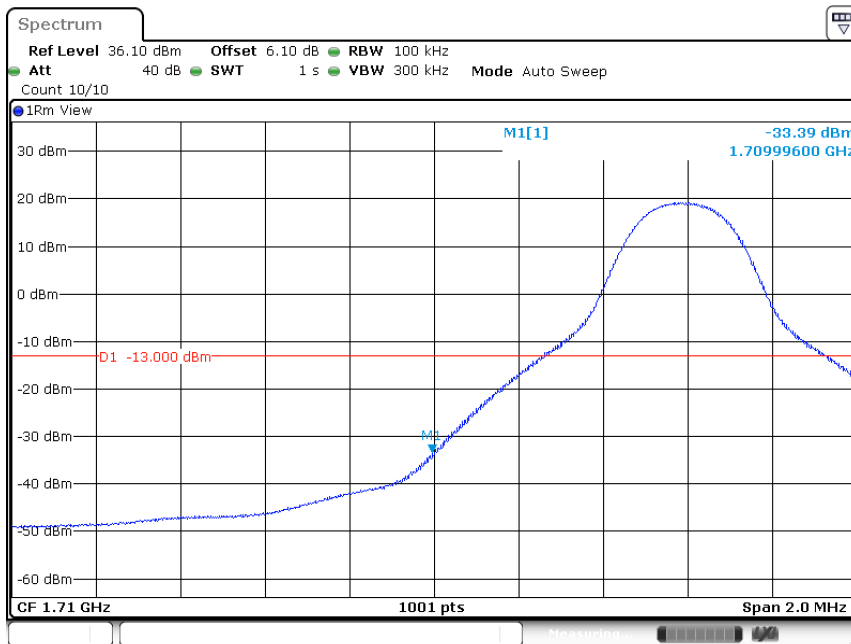
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Band4-10MHz-64QAM-20350-50RB#0



Date: 28.AUG.2020 16:29:52

Band4-10MHz-16QAM-20000-1RB#0

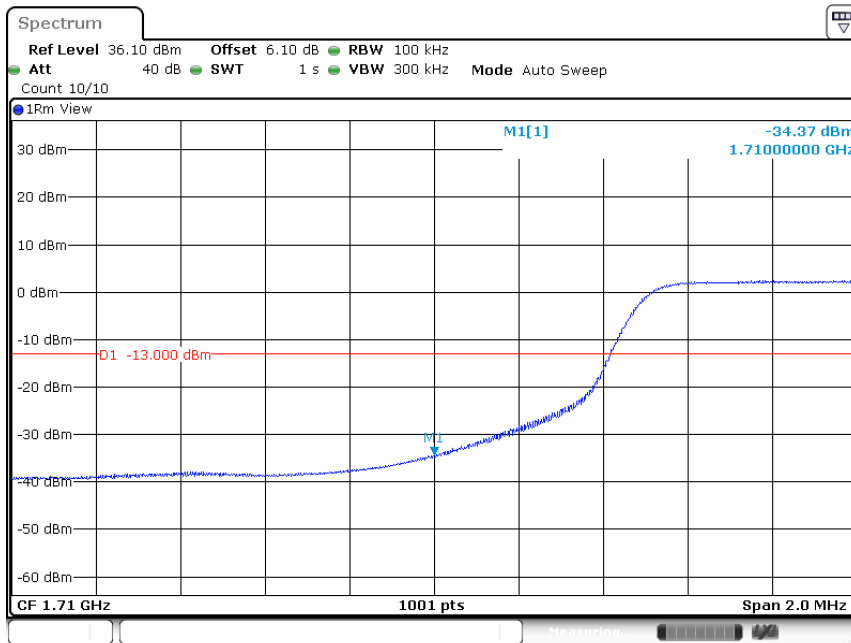


Date: 12.AUG.2020 23:18:04



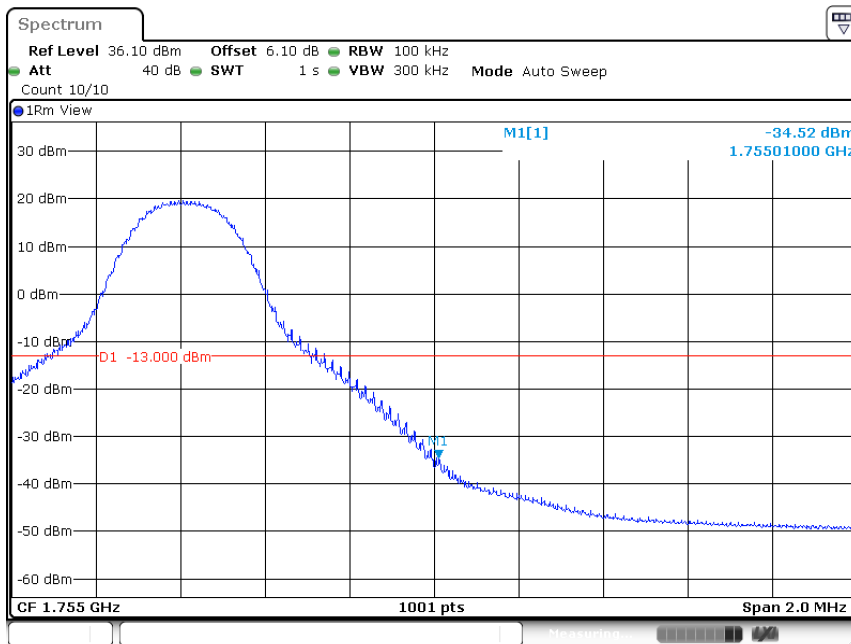
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Band4-10MHz-16QAM-20000-50RB#0



Date: 12.AUG.2020 23:18:40

Band4-10MHz-16QAM-20350-1RB#49

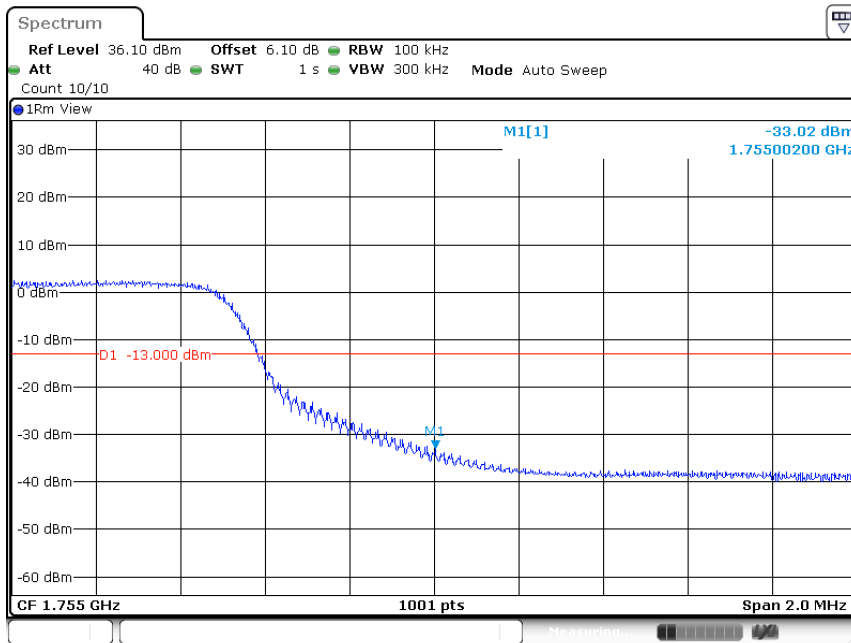


Date: 12.AUG.2020 23:19:16



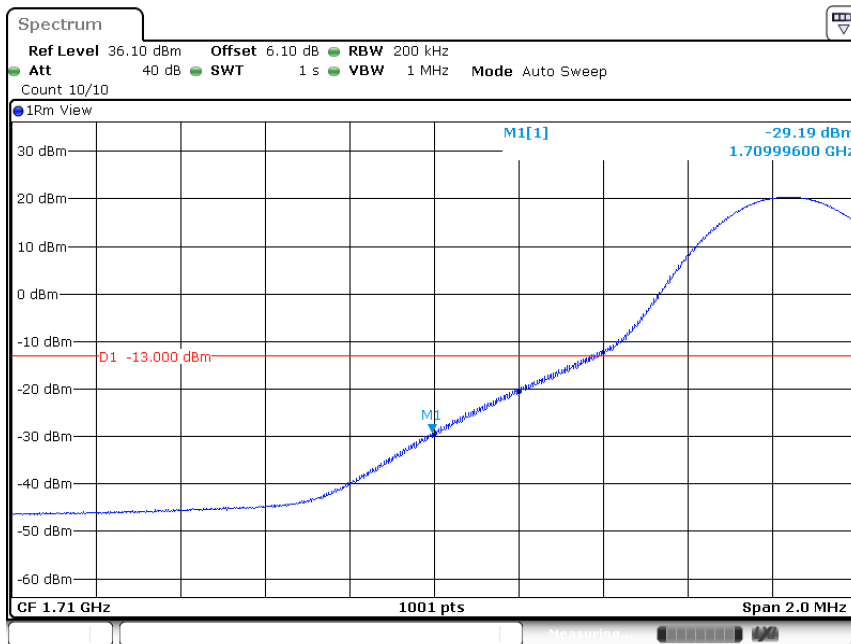
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Band4-10MHz-16QAM-20350-50RB#0



Date: 12.AUG.2020 23:19:51

Band4-15MHz-QPSK-20025-1RB#0

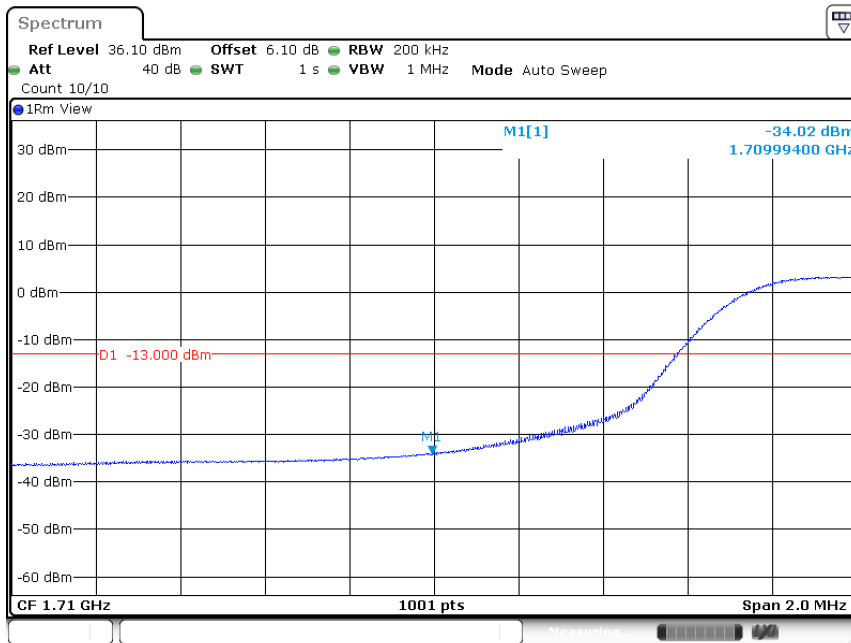


Date: 12.AUG.2020 23:20:10



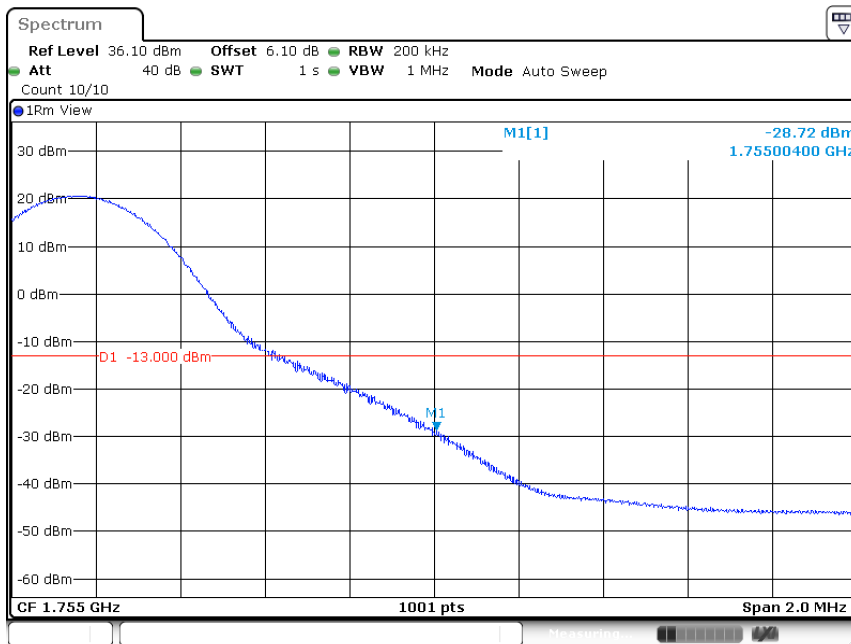
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Band4-15MHz-QPSK-20025-75RB#0



Date: 12.AUG.2020 23:20:46

Band4-15MHz-QPSK-20325-1RB#74



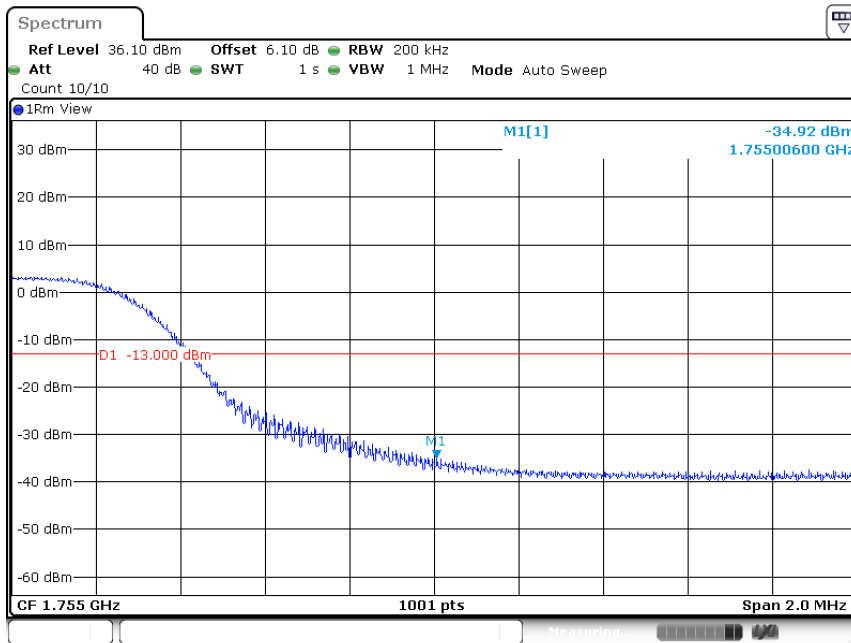
Date: 12.AUG.2020 23:21:22



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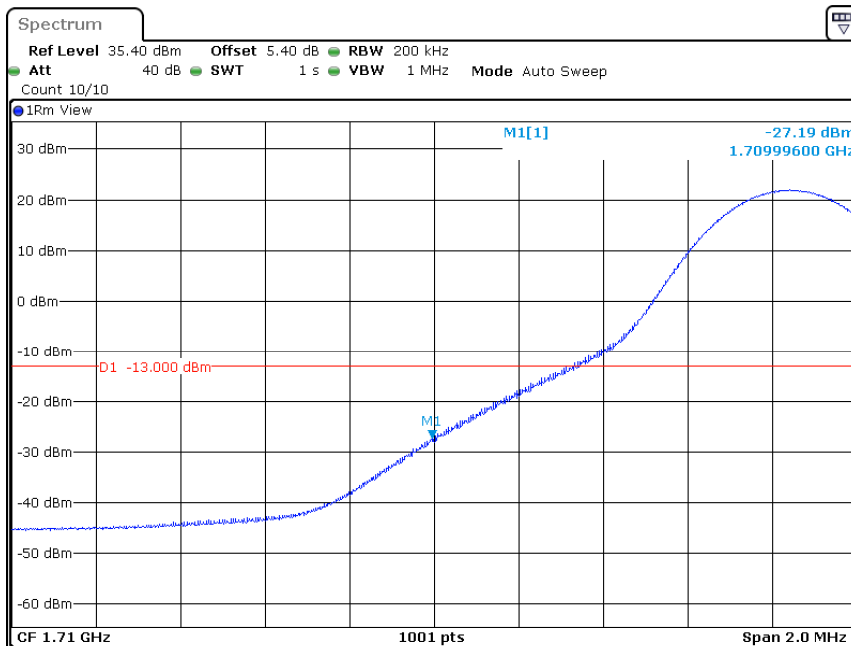
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Band4-15MHz-QPSK-20325-75RB#0



Date: 12.AUG.2020 23:21:57

Band4-15MHz-64QAM-20025-1RB#0

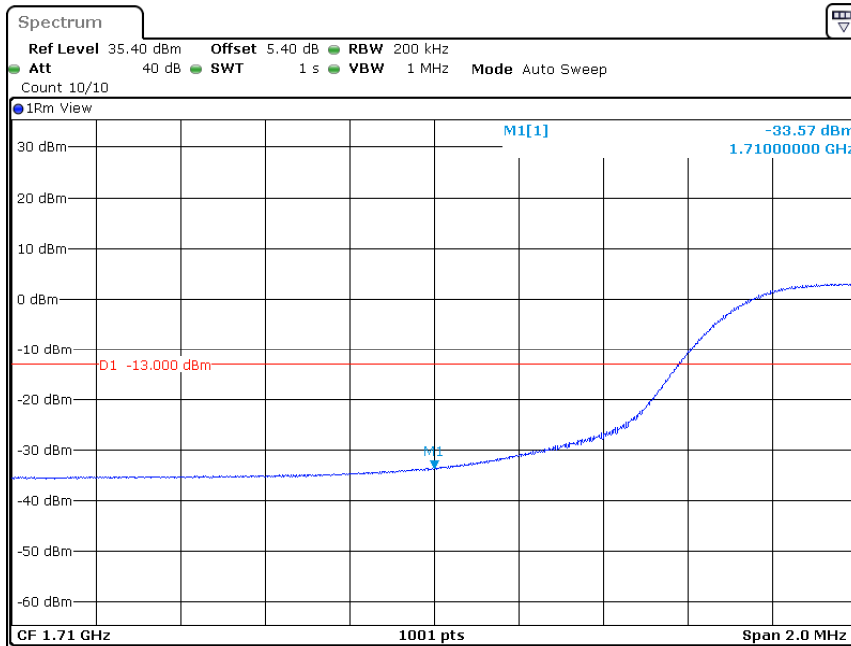


Date: 28.AUG.2020 16:30:20



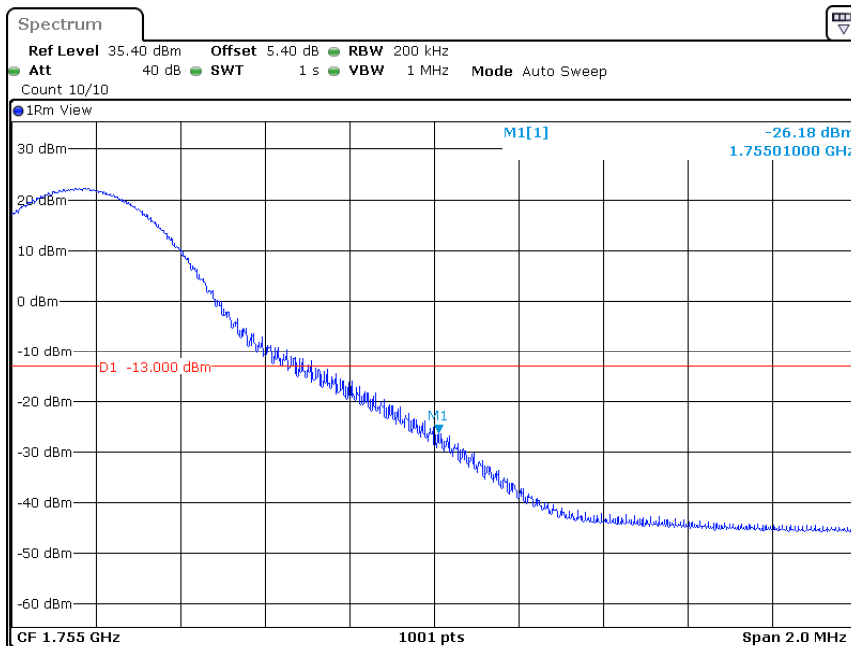
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Band4-15MHz-64QAM-20025-75RB#0



Date: 28.AUG.2020 16:30:40

Band4-15MHz-64QAM-20325-1RB#74



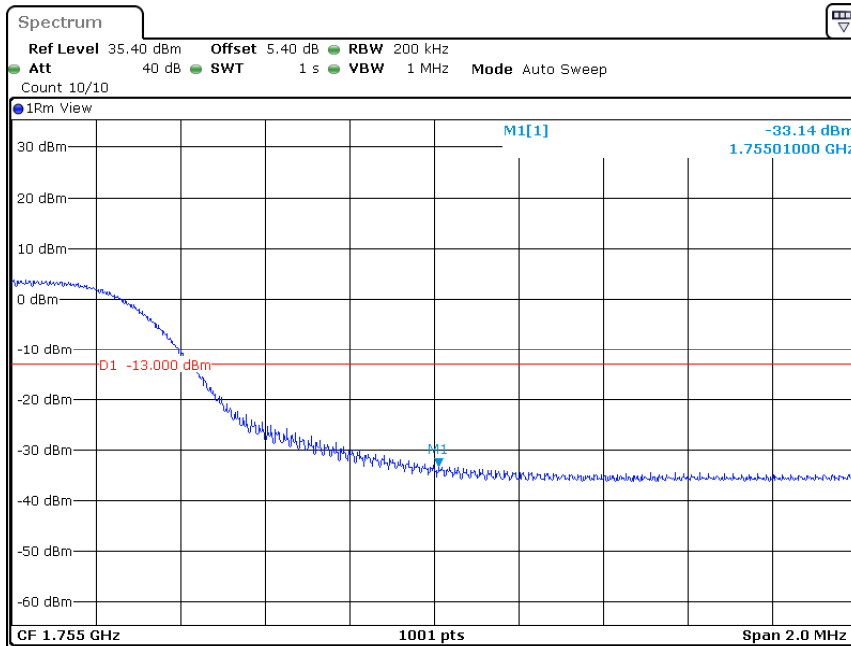
Date: 28.AUG.2020 16:31:06



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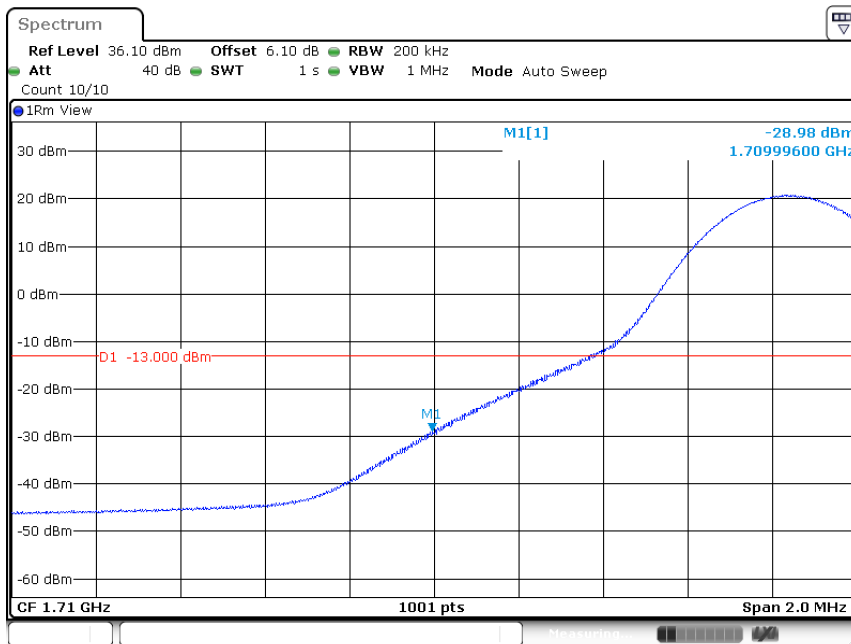
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Band4-15MHz-64QAM-20325-75RB#0



Date: 28.AUG.2020 16:31:27

Band4-15MHz-16QAM-20025-1RB#0



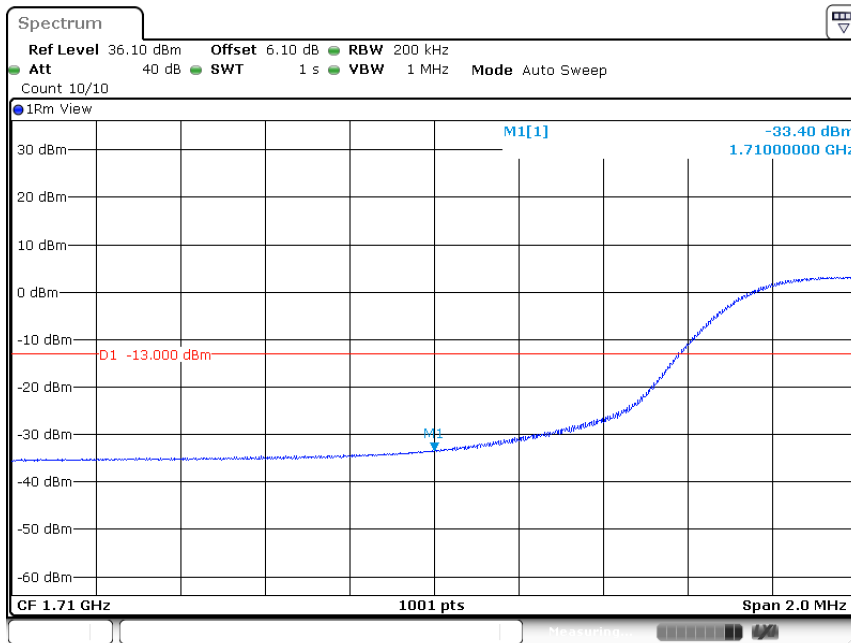
Date: 12.AUG.2020 23:20:28



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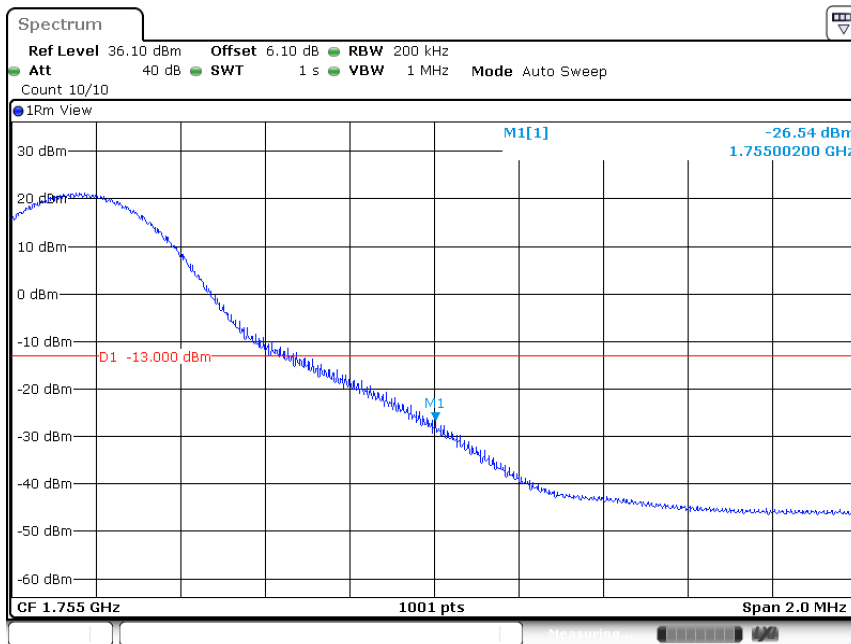
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Band4-15MHz-16QAM-20025-75RB#0



Date: 12.AUG.2020 23:21:04

Band4-15MHz-16QAM-20325-1RB#74

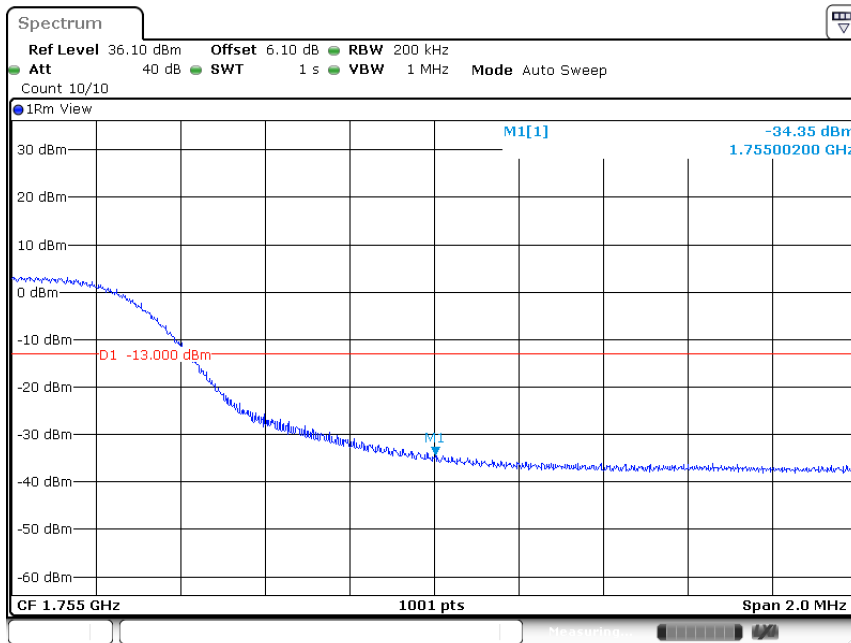


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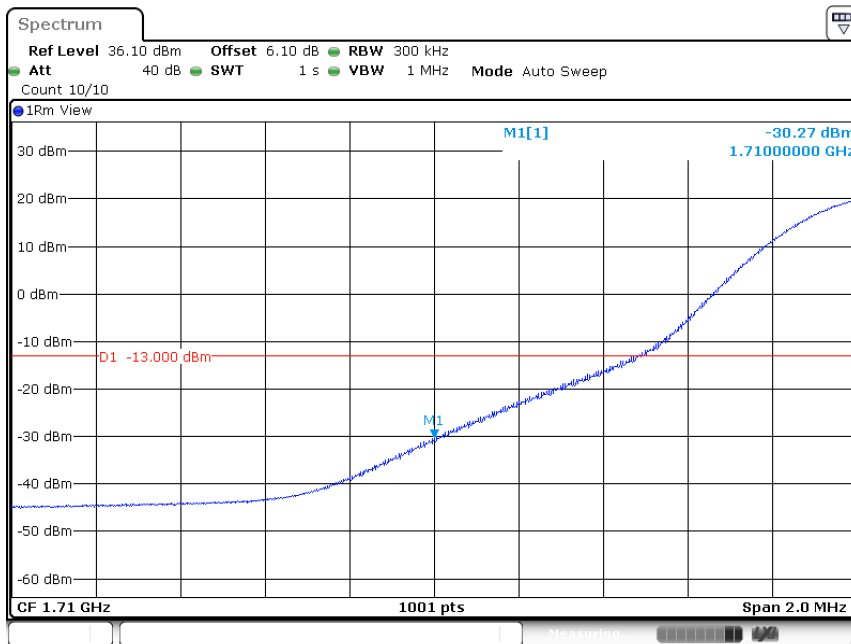
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Band4-15MHz-16QAM-20325-75RB#0



Date: 12.AUG.2020 23:22:15

Band4-20MHz-QPSK-20050-1RB#0

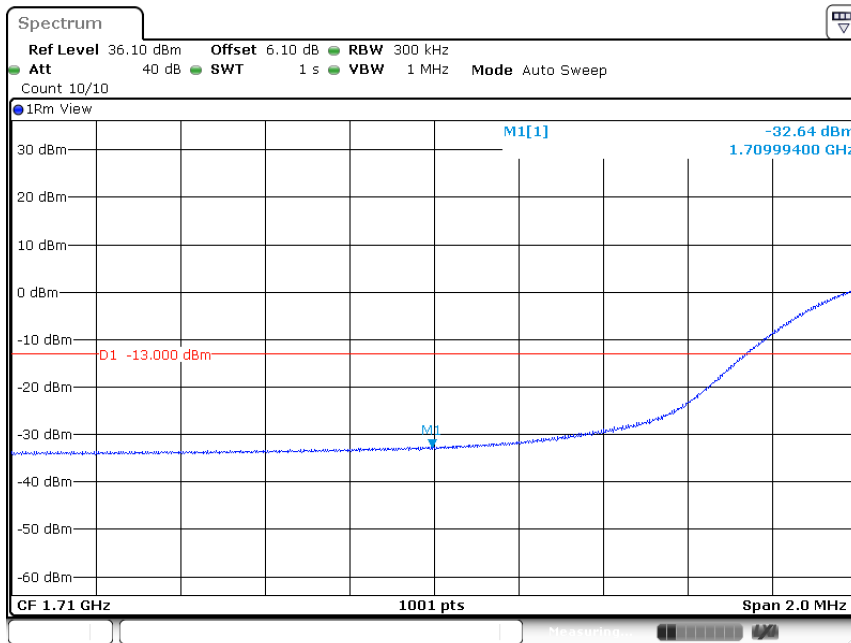


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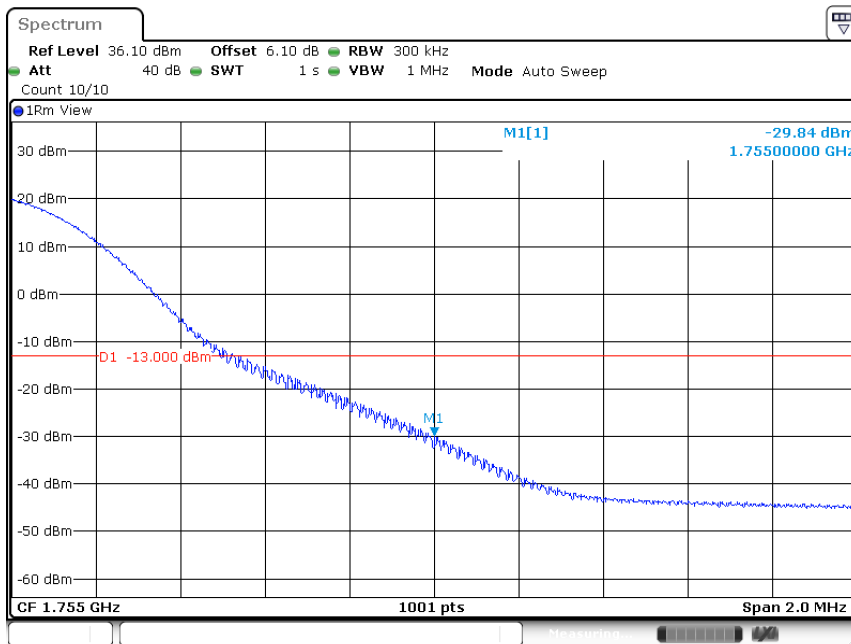
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Band4-20MHz-QPSK-20050-100RB#0



Date: 12.AUG.2020 23:23:09

Band4-20MHz-QPSK-20300-1RB#99

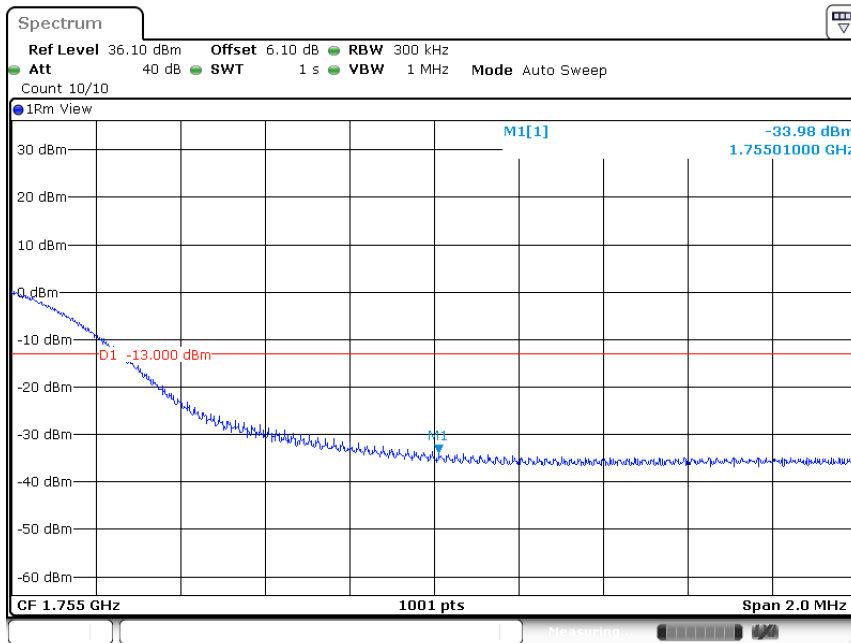


Date: 12.AUG.2020 23:23:46



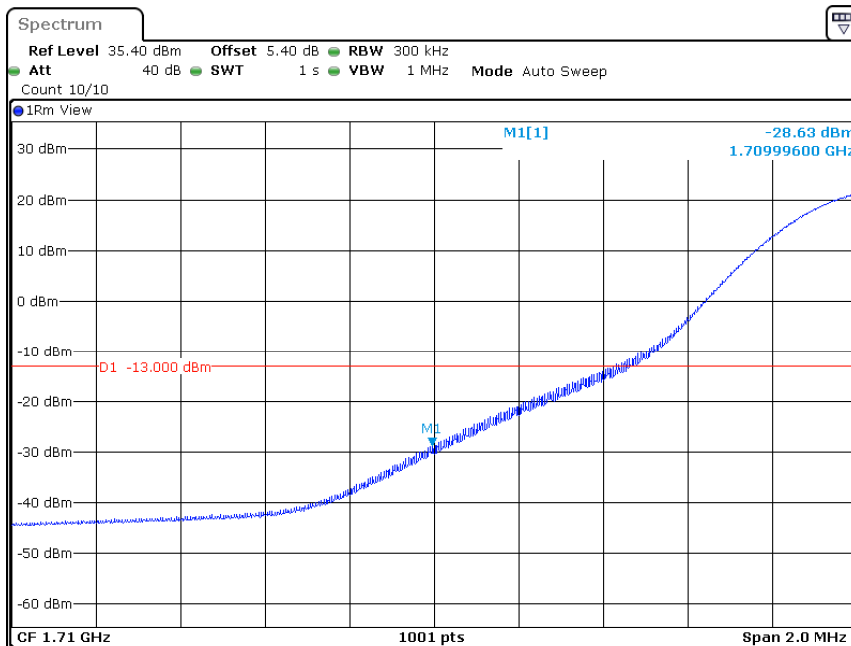
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Band4-20MHz-QPSK-20300-100RB#0



Date: 12.AUG.2020 23:24:21

Band4-20MHz-64QAM-20050-1RB#0

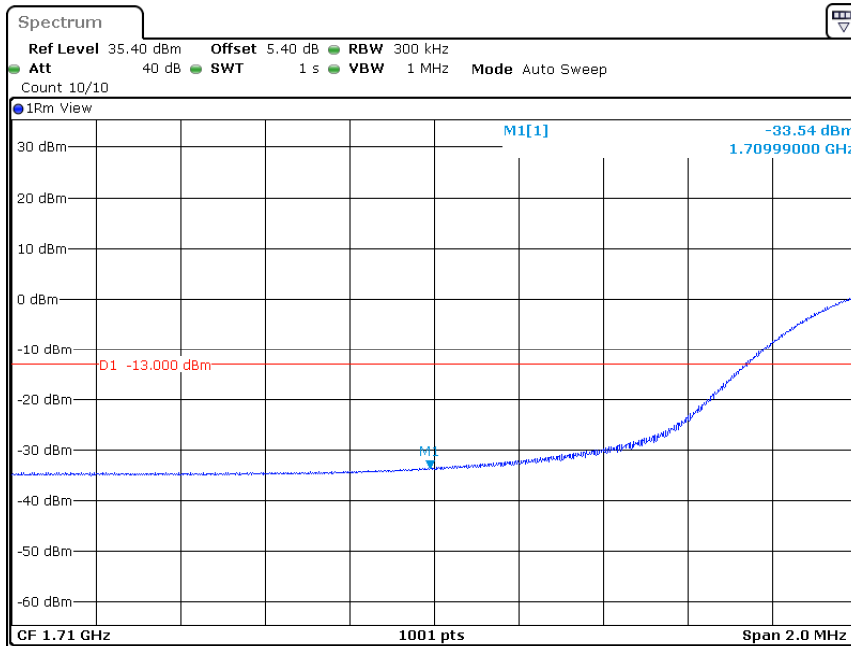


Date: 28.AUG.2020 16:31:54



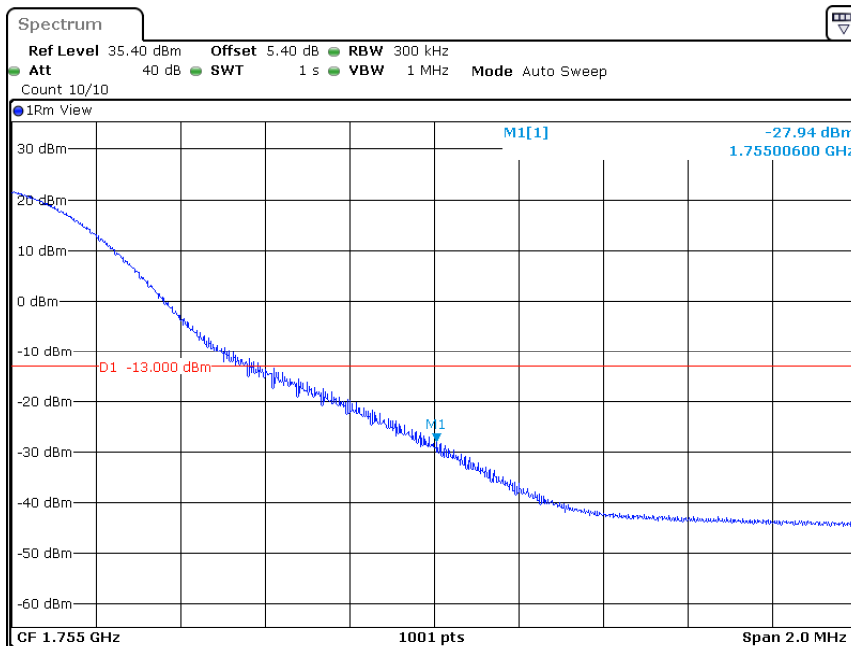
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Band4-20MHz-64QAM-20050-100RB#0



Date: 28.AUG.2020 16:32:15

Band4-20MHz-64QAM-20300-1RB#99

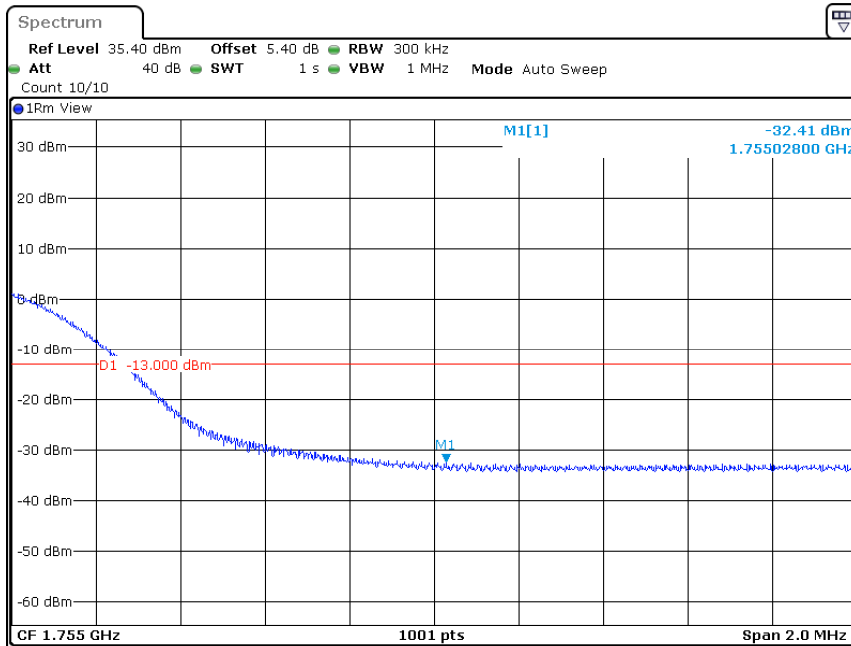


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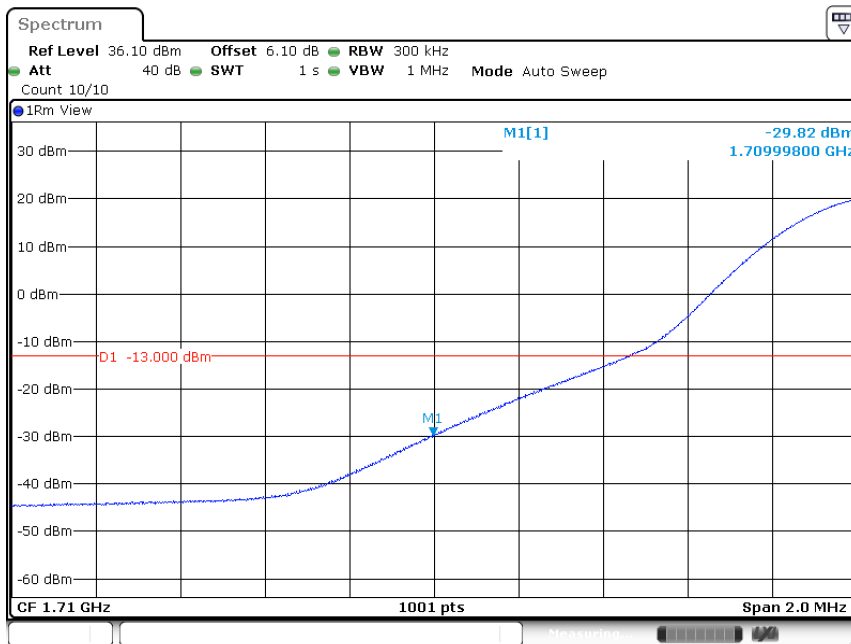
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Band4-20MHz-64QAM-20300-100RB#0



Date: 28.AUG.2020 16:33:01

Band4-20MHz-16QAM-20050-1RB#0



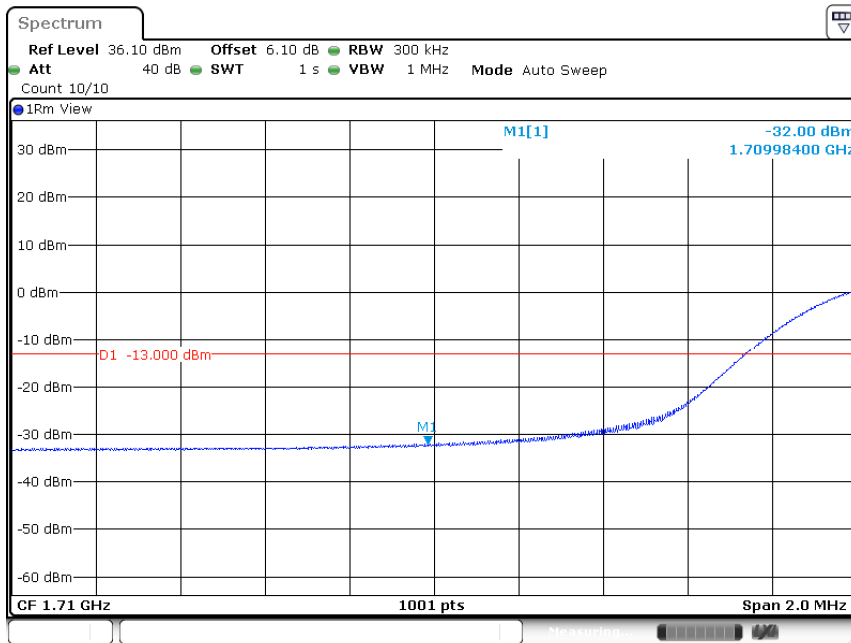
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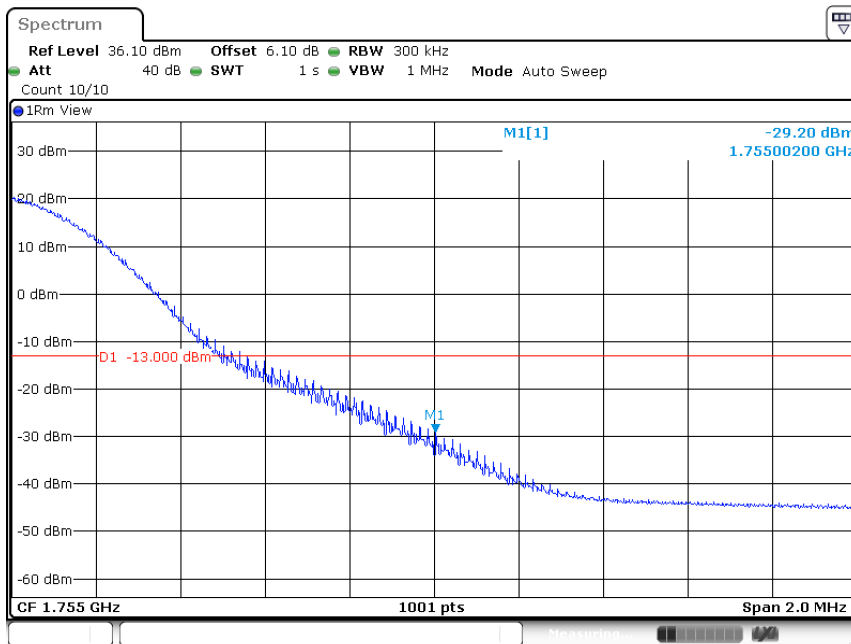
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Band4-20MHz-16QAM-20050-100RB#0



Date: 12.AUG.2020 23:23:27

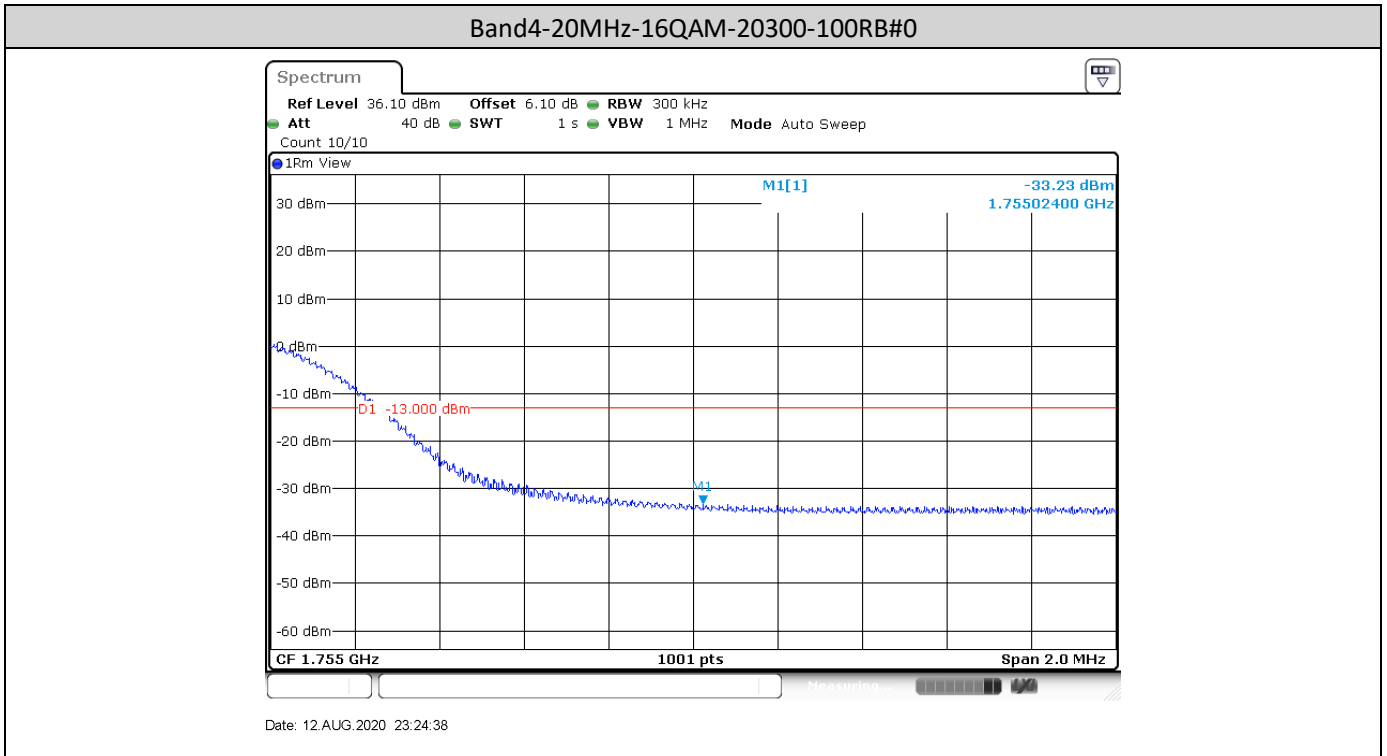
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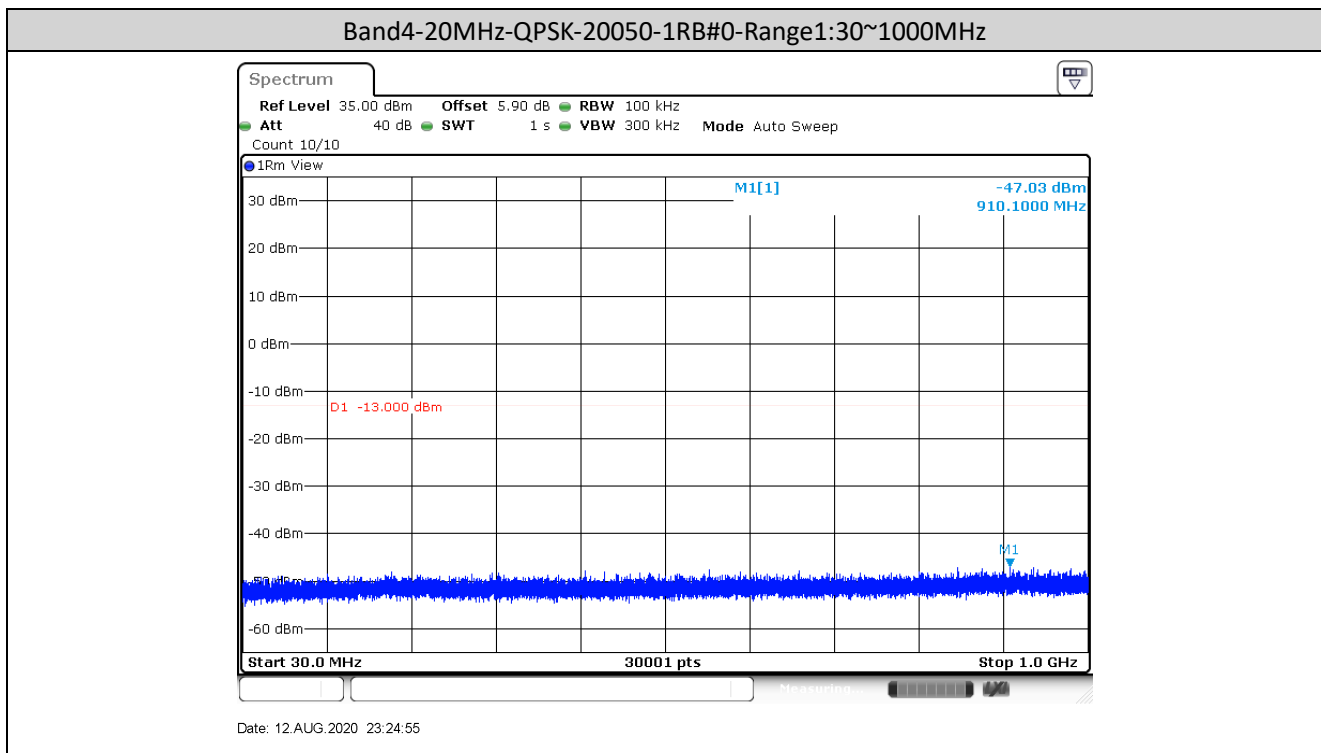
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6. Spurious Emission at Antenna Terminal

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.

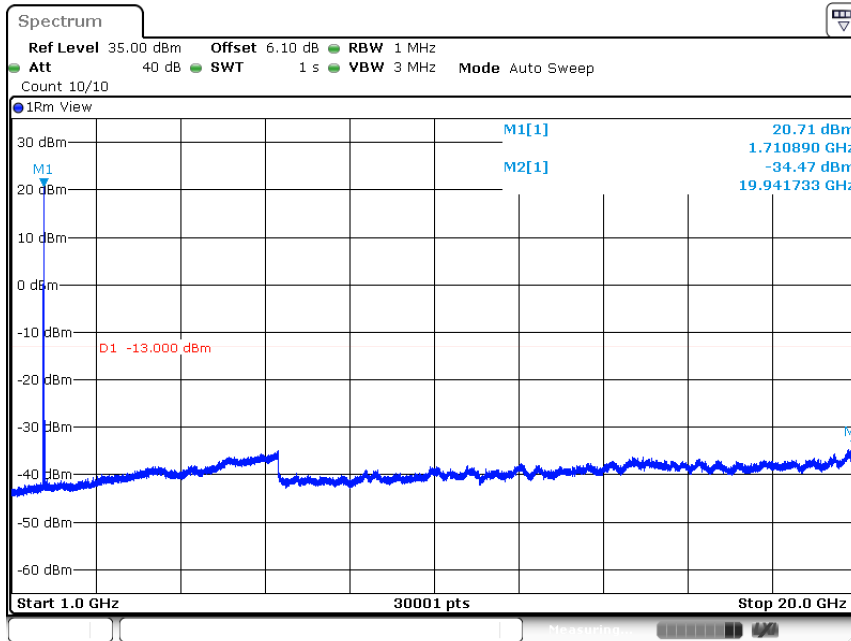
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



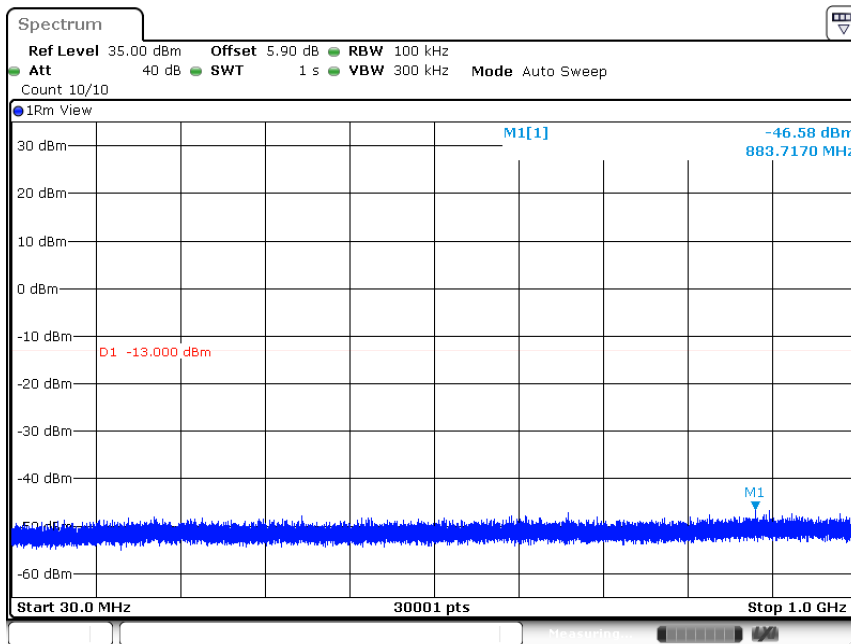
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Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 12.AUG.2020 23:25:12

Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



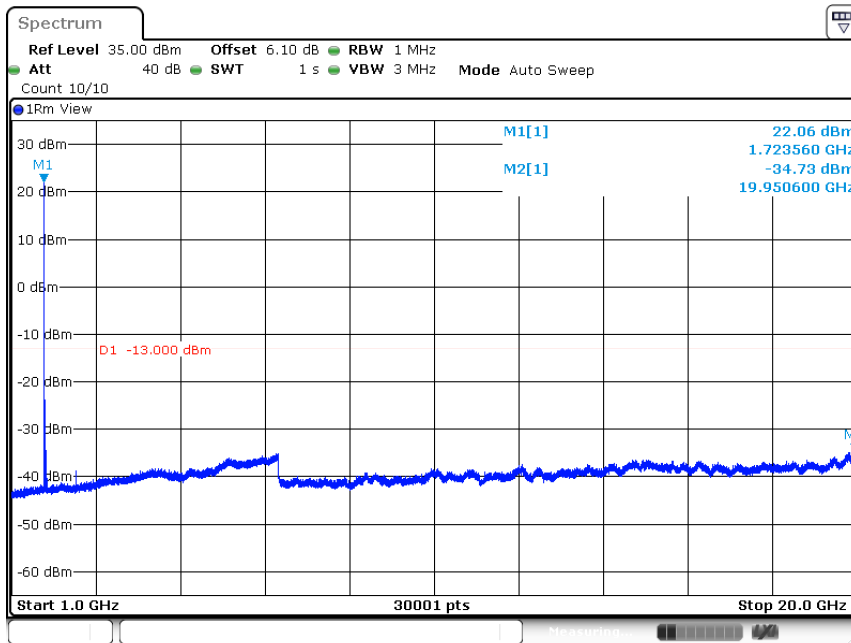
Date: 12.AUG.2020 23:26:00



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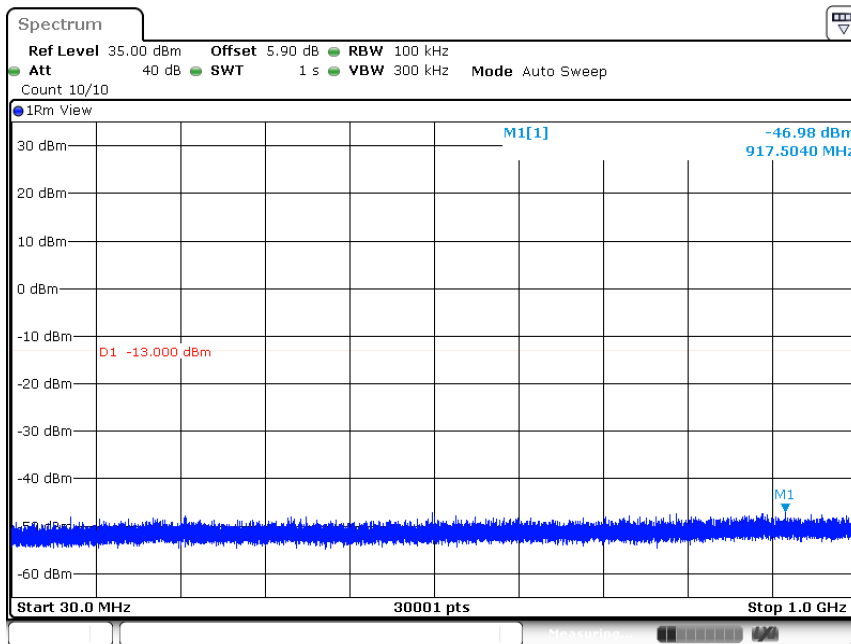
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Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 12.AUG.2020 23:26:16

Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



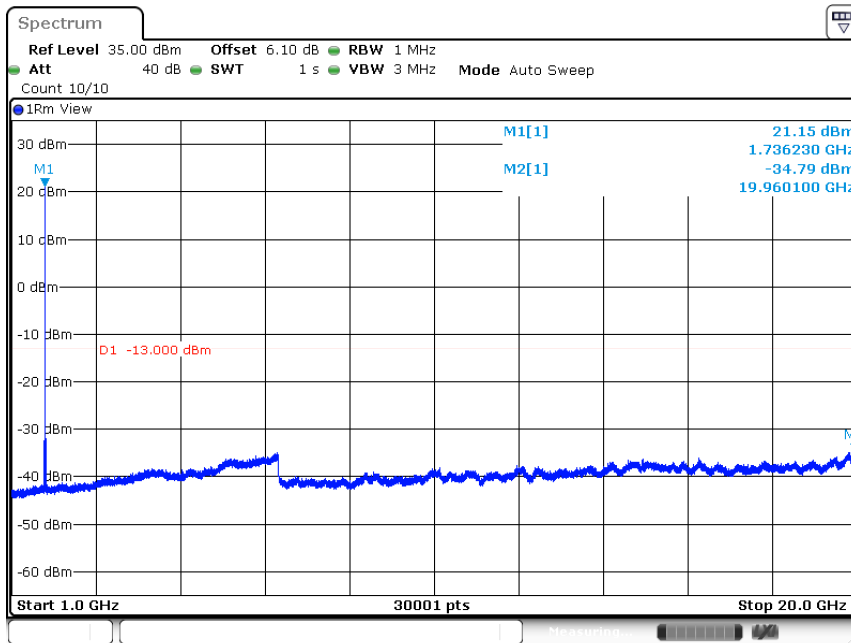
Date: 12.AUG.2020 23:27:04



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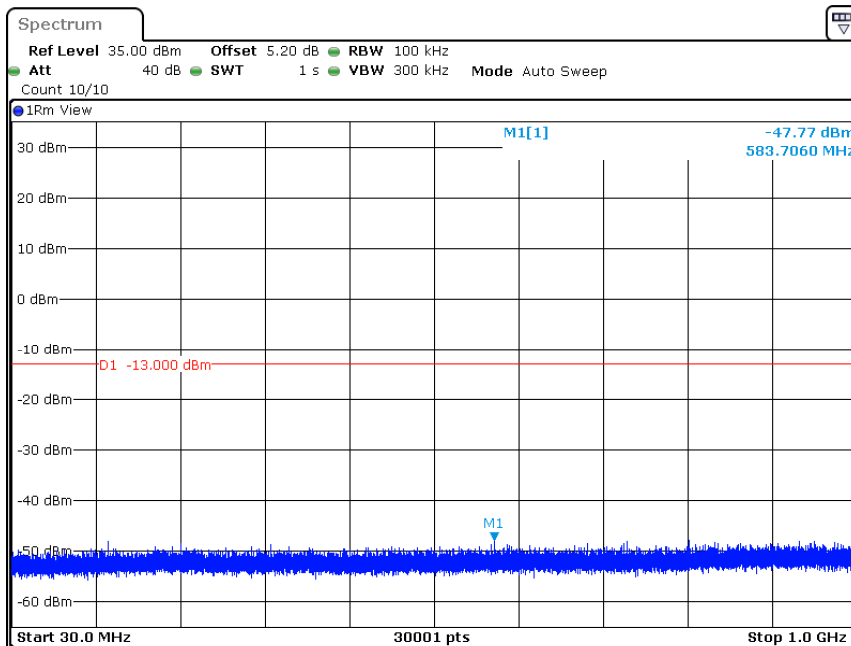
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Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 12.AUG.2020 23:27:20

Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



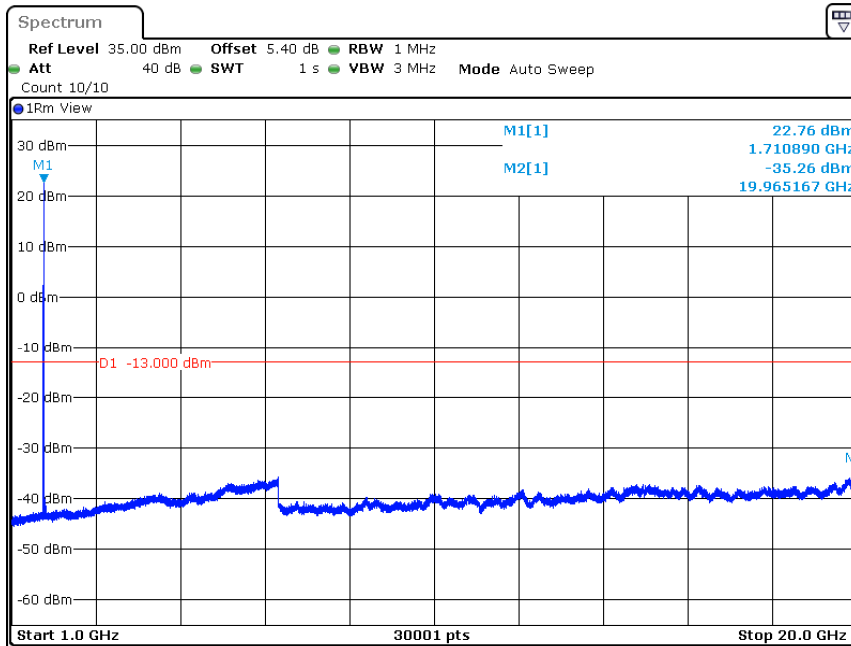
Date: 28.AUG.2020 16:33:26



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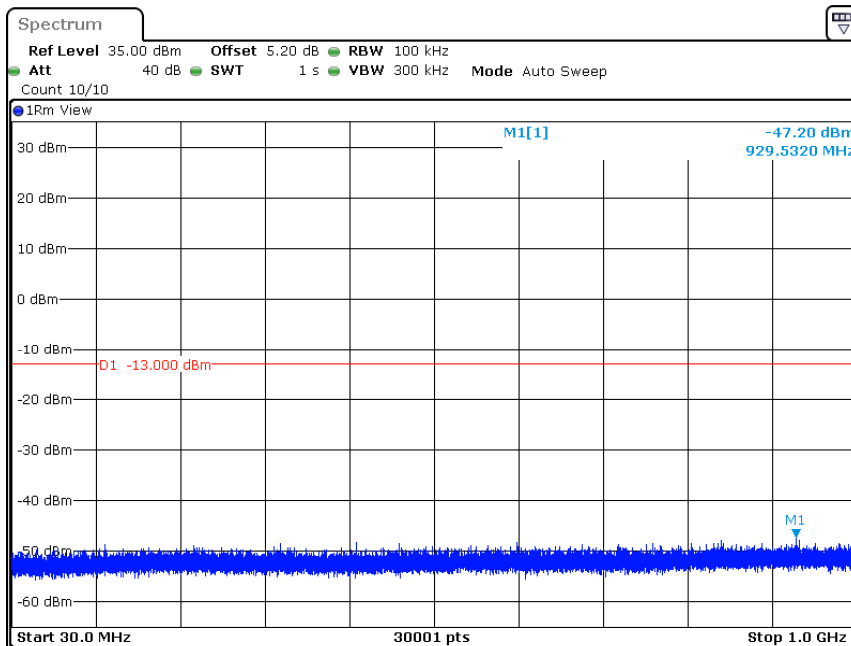
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Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 28.AUG.2020 16:33:42

Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



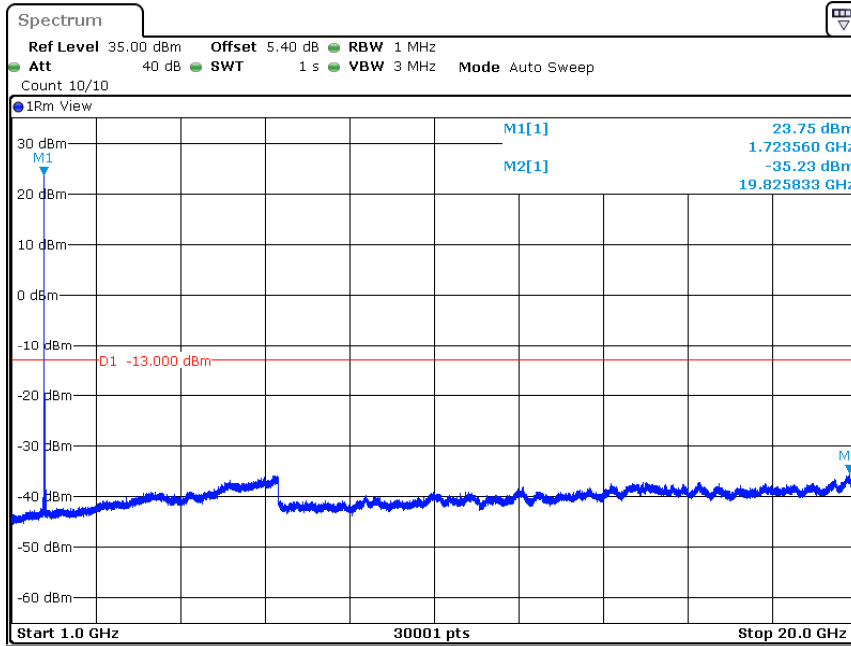
Date: 28.AUG.2020 16:34:01



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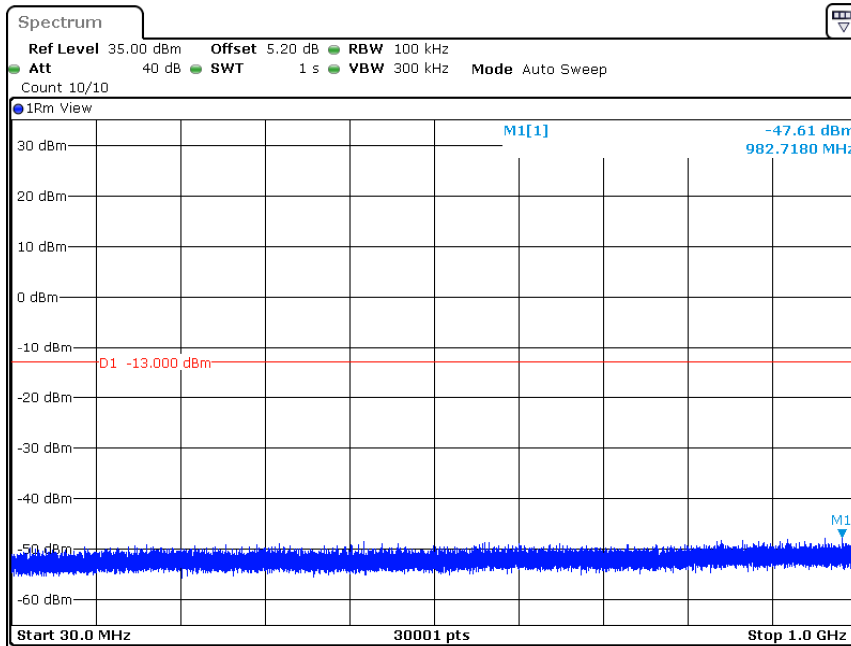
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Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 28.AUG.2020 16:34:17

Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz

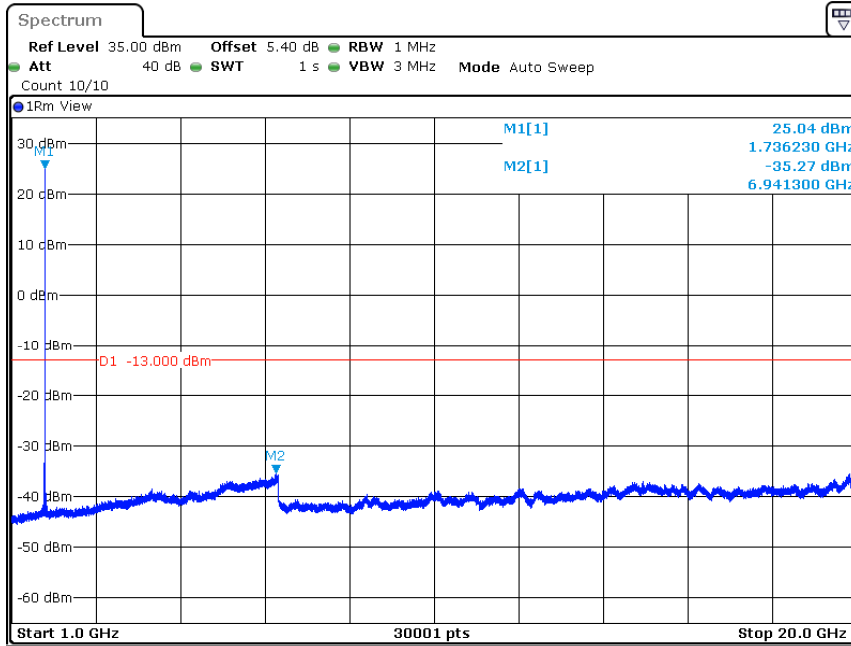


Date: 28.AUG.2020 16:34:36



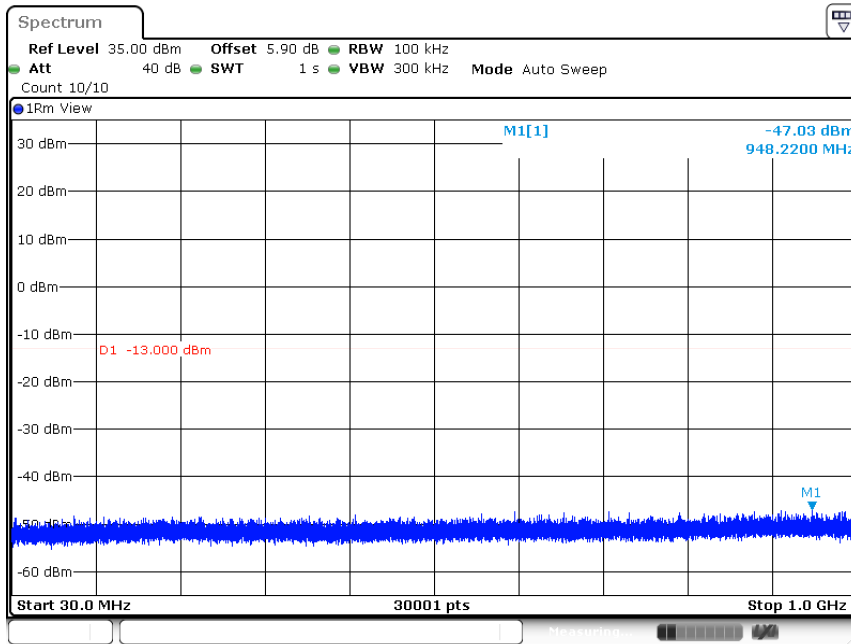
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Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 28.AUG.2020 16:34:53

Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



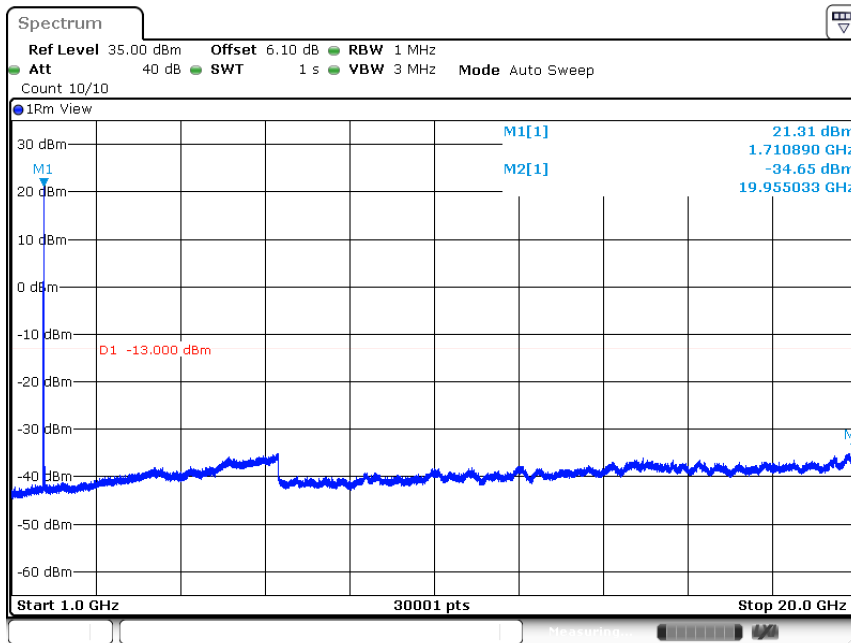
Date: 12.AUG.2020 23:25:27



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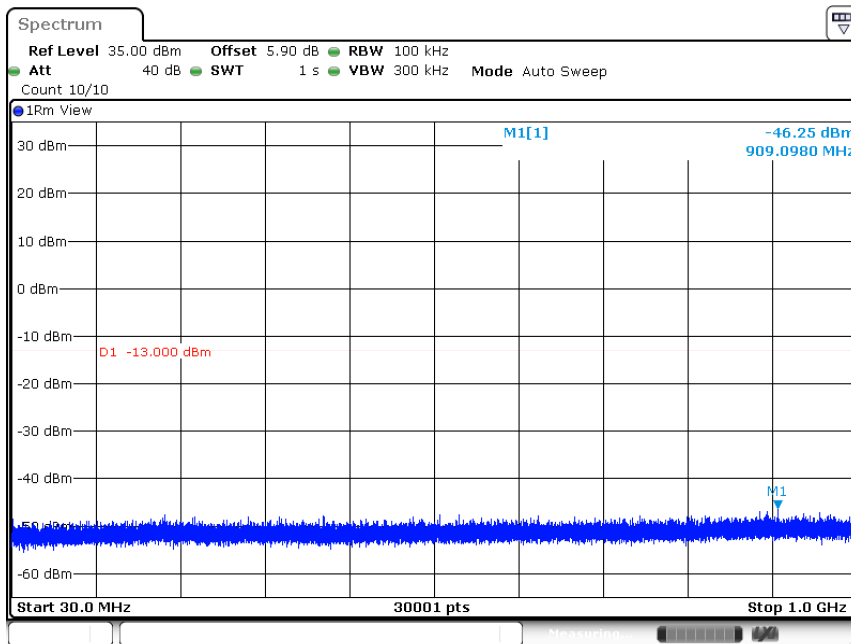
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Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 12.AUG.2020 23:25:44

Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

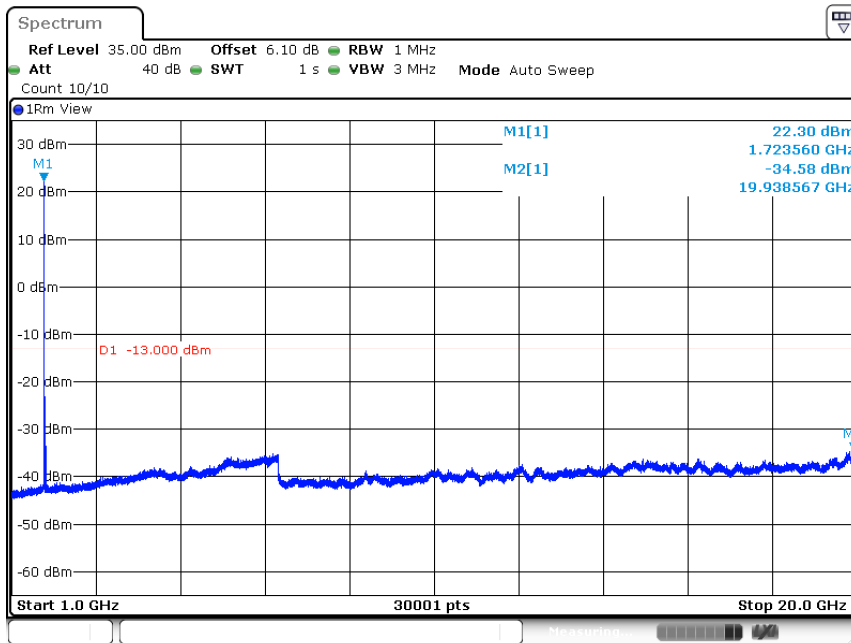


Date: 12.AUG.2020 23:26:32



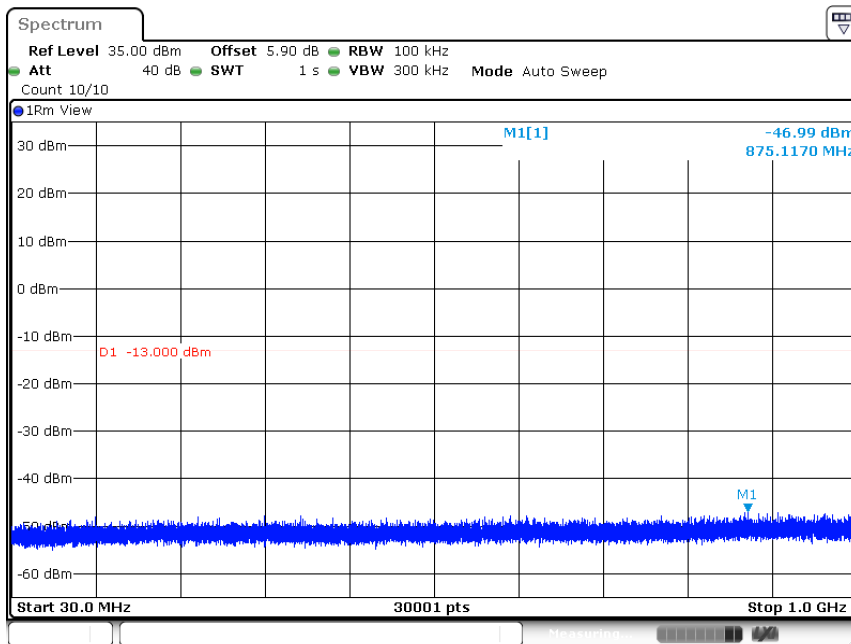
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Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 12.AUG.2020 23:26:48

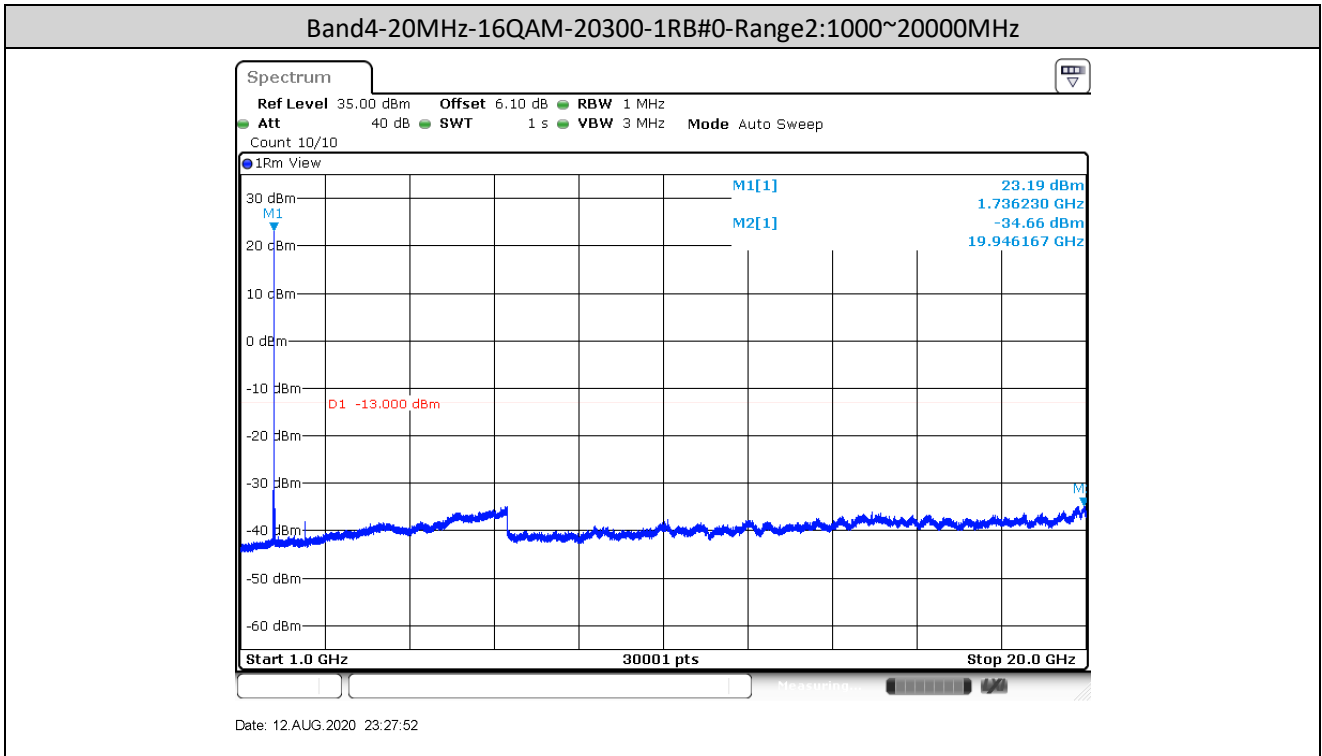
Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Date: 12.AUG.2020 23:27:36



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 116.1403 | -65.21 | -13.00 | 52.21 | Vertical |
| 668.1464 | -64.14 | -13.00 | 51.14 | Vertical |
| 2699.1398 | -36.98 | -13.00 | 23.98 | Vertical |
| 3422.5141 | -60.01 | -13.00 | 47.01 | Vertical |
| 14460.3820 | -47.40 | -13.00 | 34.40 | Vertical |
| 17999.0000 | -39.92 | -13.00 | 26.92 | Vertical |
| 40.2825 | -64.23 | -13.00 | 51.23 | Horizontal |
| 236.8143 | -68.93 | -13.00 | 55.93 | Horizontal |
| 2703.5407 | -35.76 | -13.00 | 22.76 | Horizontal |
| 3422.5141 | -48.99 | -13.00 | 35.99 | Horizontal |
| 11233.7745 | -51.75 | -13.00 | 38.75 | Horizontal |
| 16393.4464 | -43.68 | -13.00 | 30.68 | Horizontal |

7.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 47.8004 | -71.47 | -13.00 | 58.47 | Vertical |
| 109.6895 | -65.53 | -13.00 | 52.53 | Vertical |
| 418.7954 | -68.51 | -13.00 | 55.51 | Vertical |
| 3447.0149 | -58.31 | -13.00 | 45.31 | Vertical |
| 8042.1681 | -55.88 | -13.00 | 42.88 | Vertical |
| 17998.5000 | -39.32 | -13.00 | 26.32 | Vertical |
| 44.5022 | -64.55 | -13.00 | 51.55 | Horizontal |
| 237.3964 | -68.87 | -13.00 | 55.87 | Horizontal |
| 491.9856 | -67.24 | -13.00 | 54.24 | Horizontal |
| 3447.0149 | -47.20 | -13.00 | 34.20 | Horizontal |
| 7448.6483 | -55.92 | -13.00 | 42.92 | Horizontal |
| 16382.4461 | -43.90 | -13.00 | 30.90 | Horizontal |



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7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 48.6249 | -70.15 | -13.00 | 57.15 | Vertical |
| 118.0319 | -64.89 | -13.00 | 51.89 | Vertical |
| 387.2689 | -68.13 | -13.00 | 55.13 | Vertical |
| 3472.5158 | -61.33 | -13.00 | 48.33 | Vertical |
| 7339.6447 | -55.86 | -13.00 | 42.86 | Vertical |
| 17999.0000 | -40.09 | -13.00 | 27.09 | Vertical |
| 41.8831 | -64.48 | -13.00 | 51.48 | Horizontal |
| 95.4298 | -75.92 | -13.00 | 62.92 | Horizontal |
| 246.3693 | -68.26 | -13.00 | 55.26 | Horizontal |
| 3472.0157 | -52.11 | -13.00 | 39.11 | Horizontal |
| 8012.1671 | -56.08 | -13.00 | 43.08 | Horizontal |
| 16369.9457 | -43.71 | -13.00 | 30.71 | Horizontal |

Remark:

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



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8. Frequency Stability

8.1. Frequency Vs Voltage

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | VL | NT | 1.30 | 0.000756 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | VN | NT | 3.60 | 0.002093 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | VH | NT | 4.00 | 0.002326 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | VL | NT | 2.70 | 0.001558 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | VN | NT | 1.30 | 0.000750 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | VH | NT | 0.90 | 0.000519 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | VL | NT | -0.80 | -0.000458 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | VN | NT | -2.80 | -0.001605 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | VH | NT | -0.10 | -0.000057 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VL | NT | 3.00 | 0.001744 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VN | NT | 4.60 | 0.002674 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VH | NT | 4.20 | 0.002442 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VL | NT | -0.10 | -0.000058 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VN | NT | 0.20 | 0.000115 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VH | NT | 2.60 | 0.001501 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VL | NT | -2.00 | -0.001146 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VN | NT | -2.30 | -0.001318 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VH | NT | -0.50 | -0.000287 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VL | NT | 2.70 | 0.001570 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VN | NT | 3.80 | 0.002209 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VH | NT | 0.30 | 0.000174 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VL | NT | 0.10 | 0.000058 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VN | NT | 3.00 | 0.001732 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VH | NT | -0.60 | -0.000346 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VL | NT | -4.00 | -0.002292 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VN | NT | -4.20 | -0.002407 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VH | NT | -1.00 | -0.000573 | ±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 |
|-------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | -30 | 2.20 | 0.001279 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | -20 | 4.20 | 0.002442 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | -10 | 2.00 | 0.001163 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 0 | 2.70 | 0.001570 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 10 | 0.50 | 0.000291 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 20 | 2.40 | 0.001395 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 30 | 4.20 | 0.002442 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 40 | 1.40 | 0.000814 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 50 | 0.30 | 0.000174 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | -30 | 1.90 | 0.001097 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | -20 | 0.40 | 0.000231 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | -10 | 1.80 | 0.001039 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 0 | 1.00 | 0.000577 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 10 | 2.40 | 0.001385 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 20 | 2.70 | 0.001558 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 30 | 2.50 | 0.001443 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 40 | 2.20 | 0.001270 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 50 | 2.10 | 0.001212 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | -30 | -2.80 | -0.001605 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | -20 | -0.70 | -0.000401 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | -10 | -1.20 | -0.000688 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 0 | 0.10 | 0.000057 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 10 | -1.00 | -0.000573 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 20 | -1.50 | -0.000860 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 30 | -1.90 | -0.001089 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 40 | -3.30 | -0.001891 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 50 | -1.70 | -0.000974 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -30 | 4.30 | 0.002500 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -20 | 4.40 | 0.002558 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -10 | 1.10 | 0.000640 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 0 | 3.10 | 0.001802 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 10 | 2.30 | 0.001337 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 20 | 4.50 | 0.002616 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 30 | 2.70 | 0.001570 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 40 | 1.60 | 0.000930 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 50 | 2.00 | 0.001163 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -30 | -0.40 | -0.000231 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -20 | 2.00 | 0.001154 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -10 | -0.60 | -0.000346 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 0 | 1.10 | 0.000635 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 10 | 1.80 | 0.001039 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 20 | 0.90 | 0.000519 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 30 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 40 | 2.20 | 0.001270 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 50 | -0.50 | -0.000289 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -30 | -3.00 | -0.001719 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -20 | -1.90 | -0.001089 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -10 | -1.90 | -0.001089 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 0 | -3.70 | -0.002120 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 10 | -1.40 | -0.000802 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 20 | -2.30 | -0.001318 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 30 | -1.90 | -0.001089 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 40 | -3.20 | -0.001834 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 50 | -3.10 | -0.001777 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -30 | 3.70 | 0.002151 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -20 | 1.40 | 0.000814 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -10 | 4.10 | 0.002384 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 0 | 3.50 | 0.002035 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 10 | 1.80 | 0.001047 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 20 | 2.10 | 0.001221 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 30 | 3.20 | 0.001860 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 40 | 0.70 | 0.000407 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 50 | 2.60 | 0.001512 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -30 | 2.40 | 0.001385 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -20 | -0.60 | -0.000346 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -10 | 2.30 | 0.001328 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 0 | 0.30 | 0.000173 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 10 | 1.00 | 0.000577 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 20 | -0.10 | -0.000058 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 30 | 1.30 | 0.000750 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 40 | 0.30 | 0.000173 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 50 | 0.80 | 0.000462 | ±2.5 | PASS |



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| | | | | | | | | | | |
|-------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -30 | -1.10 | -0.000630 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -20 | -3.30 | -0.001891 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -10 | -1.30 | -0.000745 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 0 | -3.90 | -0.002235 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 10 | -4.60 | -0.002636 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 20 | -2.90 | -0.001662 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 30 | -2.70 | -0.001547 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 40 | -0.60 | -0.000344 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 50 | -3.80 | -0.002178 | ±2.5 | PASS |



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