# 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 | 22.69 | 20.39 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#2 | 22.57 | 20.27 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | 22.53 | 20.23 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#0 | 22.66 | 20.36 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#1 | 22.66 | 20.36 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#3 | 22.59 | 20.29 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 21.59 | 19.29 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | 22.77 | 20.47 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#2 | 22.72 | 20.42 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#5 | 22.56 | 20.26 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#0 | 22.63 | 20.33 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#1 | 22.76 | 20.46 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#3 | 22.62 | 20.32 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 21.66 | 19.36 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | 22.59 | 20.29 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#2 | 22.52 | 20.22 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | 22.45 | 20.15 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#0 | 22.49 | 20.19 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#1 | 22.56 | 20.26 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#3 | 22.52 | 20.22 | 30 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 21.51 | 19.21 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0 | 20.70 | 18.40 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#2 | 20.81 | 18.51 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#5 | 20.80 | 18.50 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#0 | 20.49 | 18.19 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#1 | 20.56 | 18.26 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 3RB#3 | 20.46 | 18.16 | 30 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0 | 19.56 | 17.26 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#0 | 20.82 | 18.52 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#2 | 20.89 | 18.59 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 1RB#5 | 20.83 | 18.53 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#0 | 20.57 | 18.27 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#1 | 20.57 | 18.27 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 3RB#3 | 20.53 | 18.23 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0 | 19.62 | 17.32 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#0 | 20.70 | 18.40 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#2 | 20.77 | 18.47 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5 | 20.65 | 18.35 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#0 | 20.47 | 18.17 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#1 | 20.44 | 18.14 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 3RB#3 | 20.34 | 18.04 | 30 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0 | 19.46 | 17.16 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | 21.88 | 19.58 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2 | 21.95 | 19.65 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | 21.93 | 19.63 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0 | 21.62 | 19.32 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1 | 21.67 | 19.37 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3 | 21.57 | 19.27 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 21.97 | 19.67 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2 | 22.01 | 19.71 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5 | 21.97 | 19.67 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0 | 21.67 | 19.37 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1 | 21.69 | 19.39 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3 | 21.64 | 19.34 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 21.82 | 19.52 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2 | 21.88 | 19.58 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | 21.80 | 19.50 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0 | 21.57 | 19.27 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1 | 21.54 | 19.24 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3 | 21.48 | 19.18 | 30 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 20.57 | 18.27 | 30 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | 22.81 | 20.51 | 30 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#8 | 22.65 | 20.35 | 30 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#14 | 22.57 | 20.27 | 30 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#0 | 21.71 | 19.41 | 30 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#4 | 21.71 | 19.41 | 30 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#7 | 21.65 | 19.35 | 30 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 21.63 | 19.33 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#0 | 22.95 | 20.65 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#8 | 22.74 | 20.44 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#14 | 22.69 | 20.39 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#0 | 21.73 | 19.43 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#4 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#7 | 21.70 | 19.40 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 21.68 | 19.38 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#0 | 22.68 | 20.38 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#8 | 22.62 | 20.32 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#14 | 22.51 | 20.21 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#0 | 21.58 | 19.28 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#4 | 21.58 | 19.28 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#7 | 21.56 | 19.26 | 30 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 21.55 | 19.25 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#0 | 20.78 | 18.48 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#8 | 20.80 | 18.50 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#14 | 20.82 | 18.52 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#0 | 20.48 | 18.18 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#4 | 20.57 | 18.27 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 8RB#7 | 20.42 | 18.12 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0 | 19.56 | 17.26 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#0 | 20.82 | 18.52 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 1RB#8 | 20.91 | 18.61 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 3MHz | 64QAM | 20175 | 1RB#14 | 20.84 | 18.54 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#0 | 20.54 | 18.24 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#4 | 20.56 | 18.26 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 8RB#7 | 20.50 | 18.20 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0 | 19.61 | 17.31 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#0 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#8 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14 | 20.68 | 18.38 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#0 | 20.45 | 18.15 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#4 | 20.41 | 18.11 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 8RB#7 | 20.33 | 18.03 | 30 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0 | 19.43 | 17.13 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | 22.07 | 19.77 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8 | 21.95 | 19.65 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 21.91 | 19.61 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4 | 20.72 | 18.42 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7 | 20.67 | 18.37 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 20.72 | 18.42 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0 | 22.04 | 19.74 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8 | 21.98 | 19.68 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 21.99 | 19.69 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0 | 20.80 | 18.50 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4 | 20.81 | 18.51 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 20.72 | 18.42 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0 | 21.98 | 19.68 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8 | 21.90 | 19.60 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 21.80 | 19.50 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0 | 20.65 | 18.35 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4 | 20.66 | 18.36 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7 | 20.59 | 18.29 | 30 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 20.59 | 18.29 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | 22.88 | 20.58 | 30 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#12 | 22.70 | 20.40 | 30 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#24 | 22.58 | 20.28 | 30 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#0 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#6 | 21.65 | 19.35 | 30 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#13 | 21.60 | 19.30 | 30 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 21.69 | 19.39 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#0 | 22.98 | 20.68 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#12 | 22.73 | 20.43 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#24 | 22.63 | 20.33 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#0 | 21.79 | 19.49 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#6 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#13 | 21.67 | 19.37 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#0 | 22.77 | 20.47 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#12 | 22.55 | 20.25 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#24 | 22.55 | 20.25 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#0 | 21.63 | 19.33 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#6 | 21.58 | 19.28 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#13 | 21.56 | 19.26 | 30 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 21.60 | 19.30 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0 | 20.69 | 18.39 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#12 | 20.82 | 18.52 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#24 | 20.82 | 18.52 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#0 | 20.44 | 18.14 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#6 | 20.54 | 18.24 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 12RB#13 | 20.41 | 18.11 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0 | 19.58 | 17.28 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#0 | 20.81 | 18.51 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#12 | 20.85 | 18.55 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 1RB#24 | 20.84 | 18.54 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#0 | 20.50 | 18.20 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 12RB#6 | 20.51 | 18.21 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 5MHz | 64QAM | 20175 | 12RB#13 | 20.51 | 18.21 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0 | 19.57 | 17.27 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#0 | 20.67 | 18.37 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#12 | 20.78 | 18.48 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#24 | 20.69 | 18.39 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#0 | 20.44 | 18.14 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#6 | 20.42 | 18.12 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 12RB#13 | 20.35 | 18.05 | 30 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0 | 19.45 | 17.15 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | 22.09 | 19.79 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12 | 21.94 | 19.64 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24 | 21.89 | 19.59 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6 | 20.68 | 18.38 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 20.66 | 18.36 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0 | 22.19 | 19.89 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12 | 22.02 | 19.72 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24 | 21.97 | 19.67 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0 | 20.79 | 18.49 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6 | 20.80 | 18.50 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 20.77 | 18.47 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0 | 22.00 | 19.70 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12 | 21.93 | 19.63 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24 | 21.81 | 19.51 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0 | 20.70 | 18.40 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6 | 20.61 | 18.31 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 20.61 | 18.31 | 30 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 20.61 | 18.31 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | 22.99 | 20.69 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#24 | 22.65 | 20.35 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#49 | 22.90 | 20.60 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 10MHz | QPSK | 20000 | 25RB#0 | 21.69 | 19.39 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#12 | 21.64 | 19.34 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#25 | 21.75 | 19.45 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 21.66 | 19.36 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#0 | 23.01 | 20.71 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#24 | 22.68 | 20.38 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#49 | 22.93 | 20.63 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#0 | 21.71 | 19.41 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#12 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#25 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#0 | 23.02 | 20.72 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#24 | 22.55 | 20.25 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#49 | 22.80 | 20.50 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#0 | 21.67 | 19.37 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#12 | 21.61 | 19.31 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#25 | 21.63 | 19.33 | 30 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 21.65 | 19.35 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0 | 20.69 | 18.39 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#24 | 20.79 | 18.49 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#49 | 20.76 | 18.46 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#0 | 20.47 | 18.17 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#12 | 20.53 | 18.23 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 25RB#25 | 20.41 | 18.11 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | 19.54 | 17.24 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#0 | 20.77 | 18.47 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#24 | 20.83 | 18.53 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 1RB#49 | 20.80 | 18.50 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#0 | 20.51 | 18.21 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#12 | 20.56 | 18.26 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 25RB#25 | 20.50 | 18.20 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | 19.64 | 17.34 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#0 | 20.70 | 18.40 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 10MHz | 64QAM | 20350 | 1RB#24 | 20.76 | 18.46 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49 | 20.63 | 18.33 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#0 | 20.47 | 18.17 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#12 | 20.37 | 18.07 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 25RB#25 | 20.37 | 18.07 | 30 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | 19.39 | 17.09 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 22.10 | 19.80 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24 | 21.80 | 19.50 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49 | 22.07 | 19.77 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 20.66 | 18.36 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.73 | 18.43 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 22.14 | 19.84 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24 | 21.91 | 19.61 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49 | 22.12 | 19.82 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0 | 20.69 | 18.39 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 20.72 | 18.42 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 20.73 | 18.43 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 20.77 | 18.47 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 22.10 | 19.80 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24 | 21.82 | 19.52 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49 | 22.09 | 19.79 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0 | 20.66 | 18.36 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 20.62 | 18.32 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 20.64 | 18.34 | 30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 20.65 | 18.35 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | 23.05 | 20.75 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#38 | 22.70 | 20.40 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#74 | 22.97 | 20.67 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#0 | 21.71 | 19.41 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#18 | 21.73 | 19.43 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#39 | 21.71 | 19.41 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 21.75 | 19.45 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#0 | 22.93 | 20.63 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#38 | 22.77 | 20.47 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#74 | 23.02 | 20.72 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#0 | 21.80 | 19.50 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#18 | 21.83 | 19.53 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#39 | 21.85 | 19.55 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 21.84 | 19.54 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#0 | 22.94 | 20.64 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#38 | 22.67 | 20.37 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#74 | 22.96 | 20.66 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#0 | 21.74 | 19.44 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#18 | 21.65 | 19.35 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#39 | 21.69 | 19.39 | 30 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 21.70 | 19.40 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0 | 20.77 | 18.47 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#38 | 20.85 | 18.55 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#74 | 20.83 | 18.53 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#0 | 20.45 | 18.15 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#18 | 20.53 | 18.23 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 36RB#39 | 20.41 | 18.11 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | 19.51 | 17.21 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#0 | 20.87 | 18.57 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#38 | 20.91 | 18.61 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 1RB#74 | 20.79 | 18.49 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#0 | 20.51 | 18.21 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#18 | 20.52 | 18.22 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 36RB#39 | 20.44 | 18.14 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | 19.57 | 17.27 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#0 | 20.68 | 18.38 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#38 | 20.78 | 18.48 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74 | 20.63 | 18.33 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#0 | 20.37 | 18.07 | 30 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 15MHz | 64QAM | 20325 | 36RB#18 | 20.43 | 18.13 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 36RB#39 | 20.29 | 17.99 | 30 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | 19.38 | 17.08 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 22.25 | 19.95 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38 | 21.95 | 19.65 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74 | 22.26 | 19.96 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#0 | 20.73 | 18.43 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#18 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#39 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 20.76 | 18.46 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 22.26 | 19.96 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38 | 22.10 | 19.80 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74 | 22.39 | 20.09 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#0 | 20.81 | 18.51 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#18 | 20.85 | 18.55 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#39 | 20.83 | 18.53 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 20.87 | 18.57 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 22.25 | 19.95 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38 | 21.98 | 19.68 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74 | 22.27 | 19.97 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#0 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#18 | 20.72 | 18.42 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#39 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 20.70 | 18.40 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 22.79 | 20.49 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#49 | 22.65 | 20.35 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | 22.89 | 20.59 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#0 | 21.76 | 19.46 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#25 | 21.71 | 19.41 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#50 | 21.86 | 19.56 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 21.87 | 19.57 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 22.78 | 20.48 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#49 | 22.80 | 20.50 | 30 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | QPSK | 20175 | 1RB#99 | 22.99 | 20.69 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#0 | 21.87 | 19.57 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#25 | 21.86 | 19.56 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#50 | 21.88 | 19.58 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 21.92 | 19.62 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 22.81 | 20.51 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#49 | 22.61 | 20.31 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | 22.78 | 20.48 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#0 | 21.72 | 19.42 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#25 | 21.75 | 19.45 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#50 | 21.76 | 19.46 | 30 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 21.82 | 19.52 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0 | 20.68 | 18.38 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#49 | 20.80 | 18.50 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#99 | 20.83 | 18.53 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#0 | 20.48 | 18.18 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#25 | 20.48 | 18.18 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 50RB#50 | 20.37 | 18.07 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 19.51 | 17.21 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#0 | 20.79 | 18.49 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#49 | 20.87 | 18.57 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 1RB#99 | 20.86 | 18.56 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#0 | 20.52 | 18.22 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#25 | 20.51 | 18.21 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 50RB#50 | 20.44 | 18.14 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 19.59 | 17.29 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#0 | 20.71 | 18.41 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#49 | 20.73 | 18.43 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99 | 20.62 | 18.32 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#0 | 20.44 | 18.14 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#25 | 20.39 | 18.09 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 50RB#50 | 20.28 | 17.98 | 30 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 19.40 | 17.10 | 30 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 22.06 | 19.76 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49 | 21.91 | 19.61 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | 22.15 | 19.85 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0 | 20.76 | 18.46 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.72 | 18.42 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.89 | 18.59 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.88 | 18.58 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 22.17 | 19.87 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49 | 22.08 | 19.78 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99 | 22.35 | 20.05 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0 | 20.89 | 18.59 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.86 | 18.56 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.88 | 18.58 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.93 | 18.63 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 22.11 | 19.81 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49 | 22.00 | 19.70 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | 22.14 | 19.84 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0 | 20.73 | 18.43 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.74 | 18.44 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.76 | 18.46 | 30 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.79 | 18.49 | 30 | PASS |

Remark:

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

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

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

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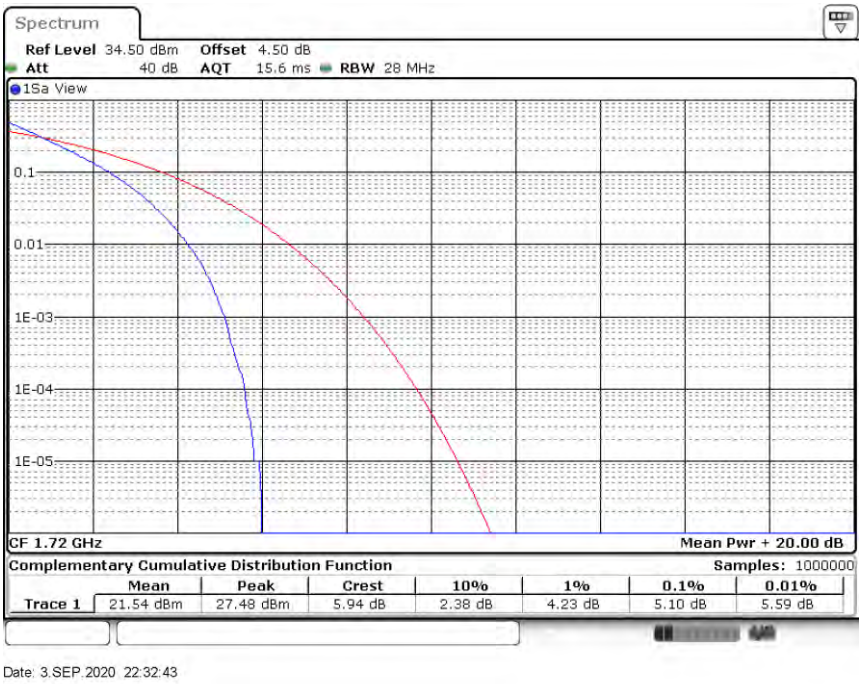
# 2. Peak-to-Average Ratio (CCDF)

## 2.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 5.10 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 5.07 | 13 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 5.25 | 13 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 6.06 | 13 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 5.97 | 13 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 6.12 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 5.97 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 5.97 | 13 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 6.20 | 13 | PASS |

## 2.2. Test Plots

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

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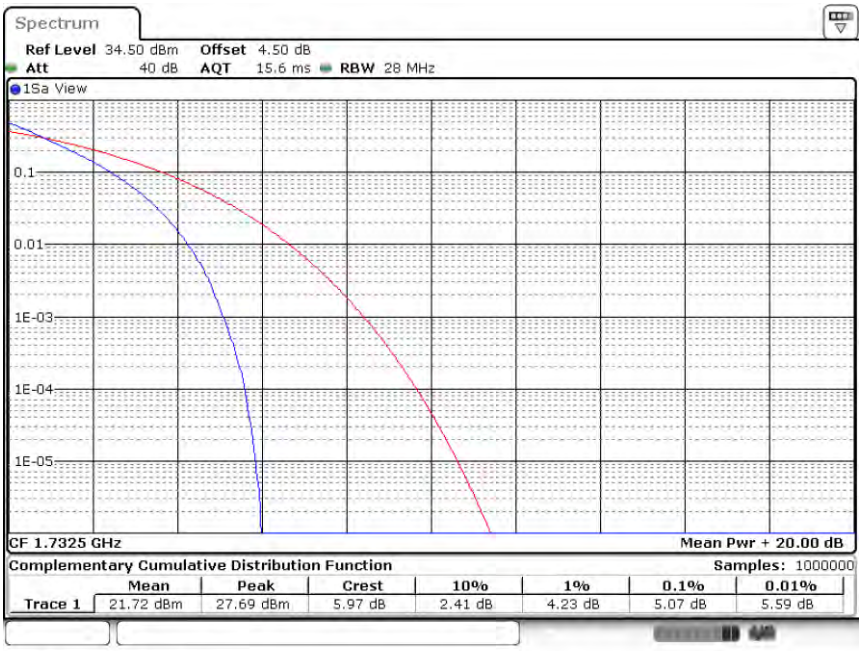


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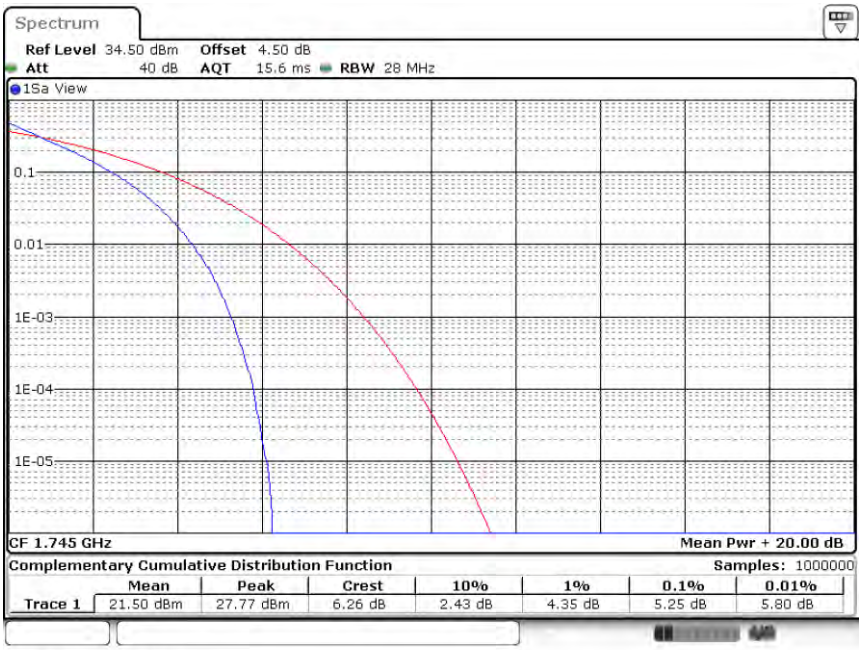
Band4-20MHz-QPSK-20300-100RB#0

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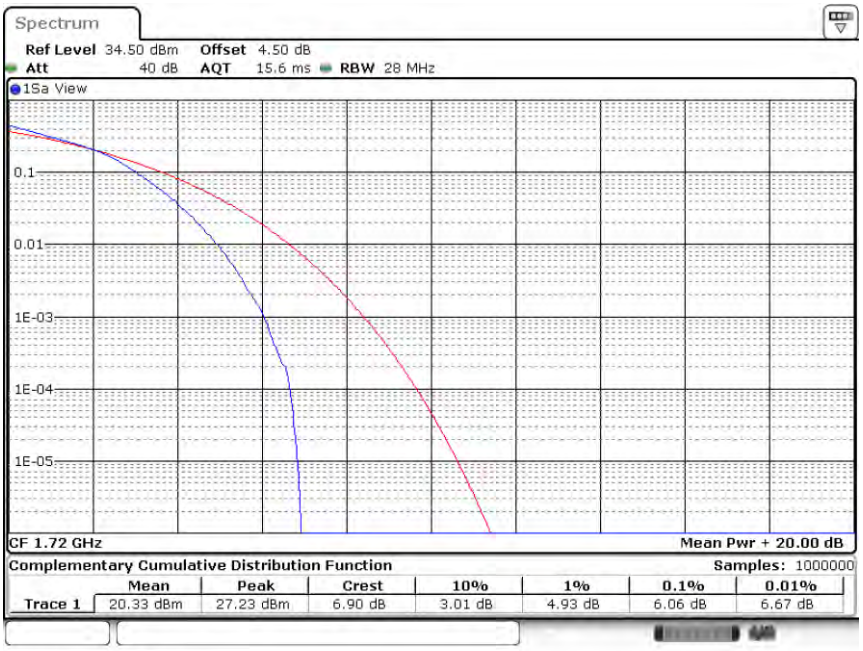
Band4-20MHz-64QAM-20050-100RB#0

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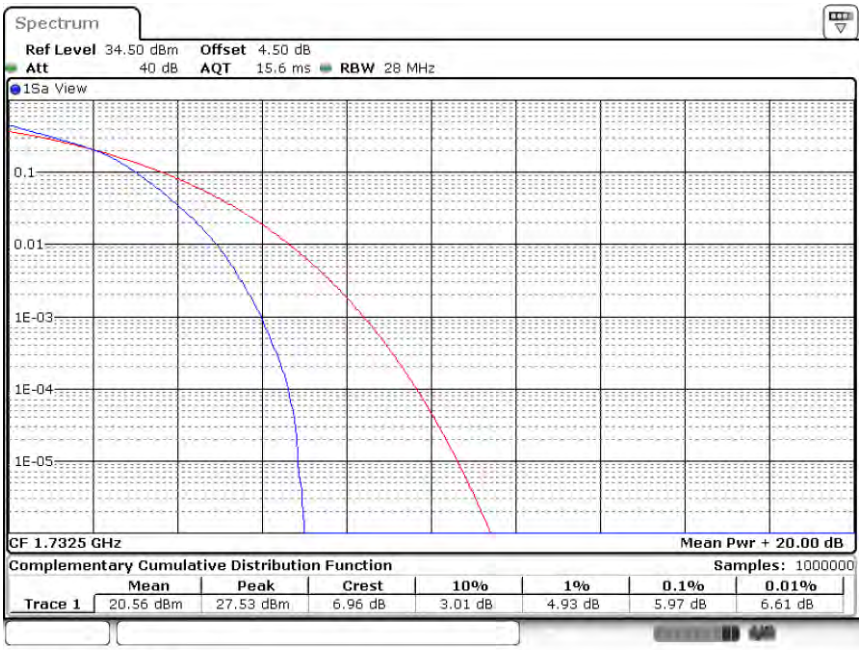


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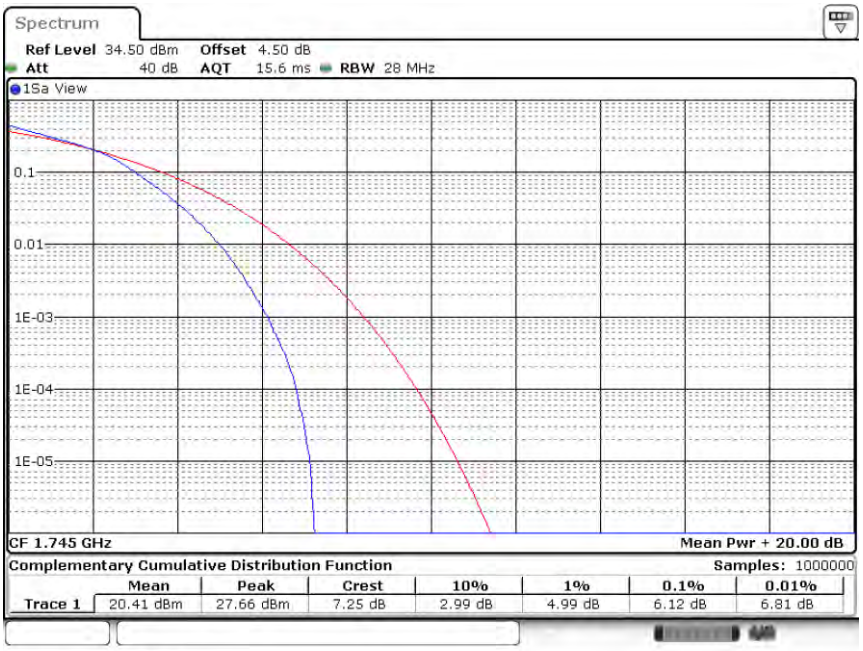


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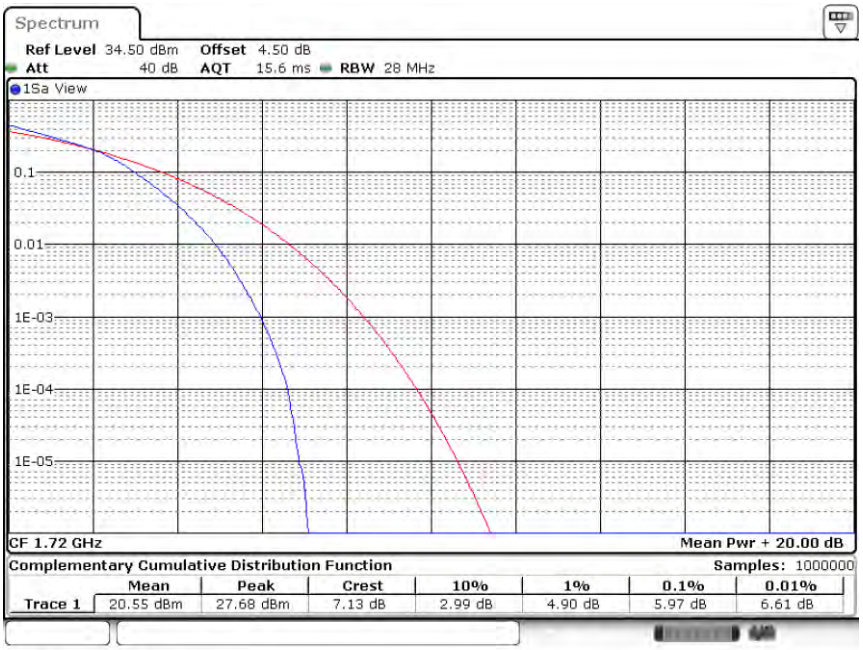


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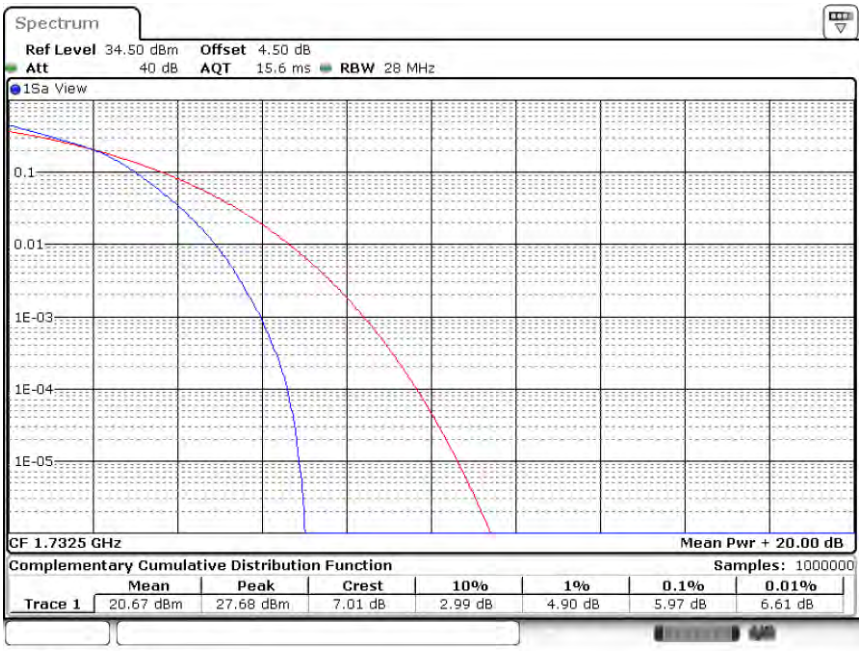


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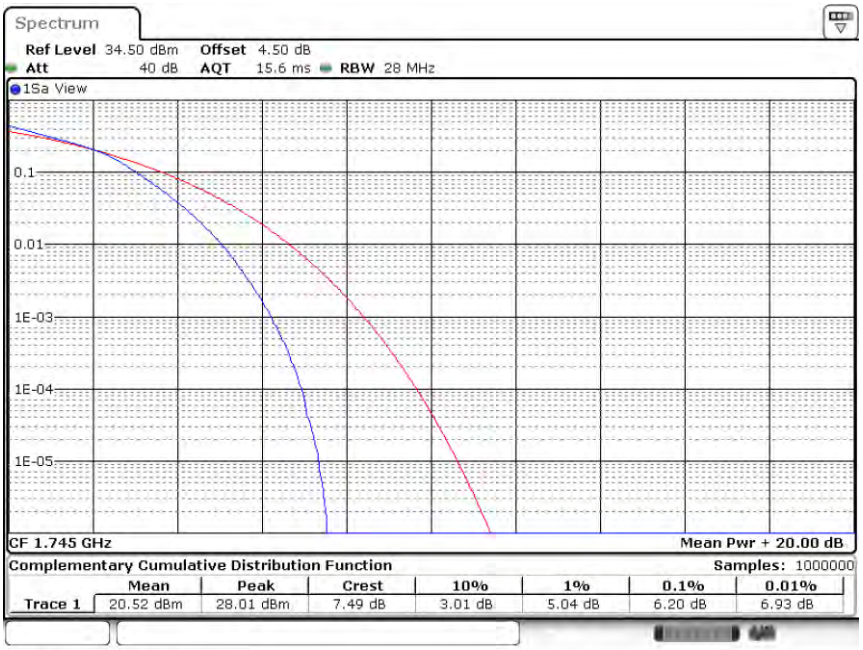
Band4-20MHz-16QAM-20300-100RB#0

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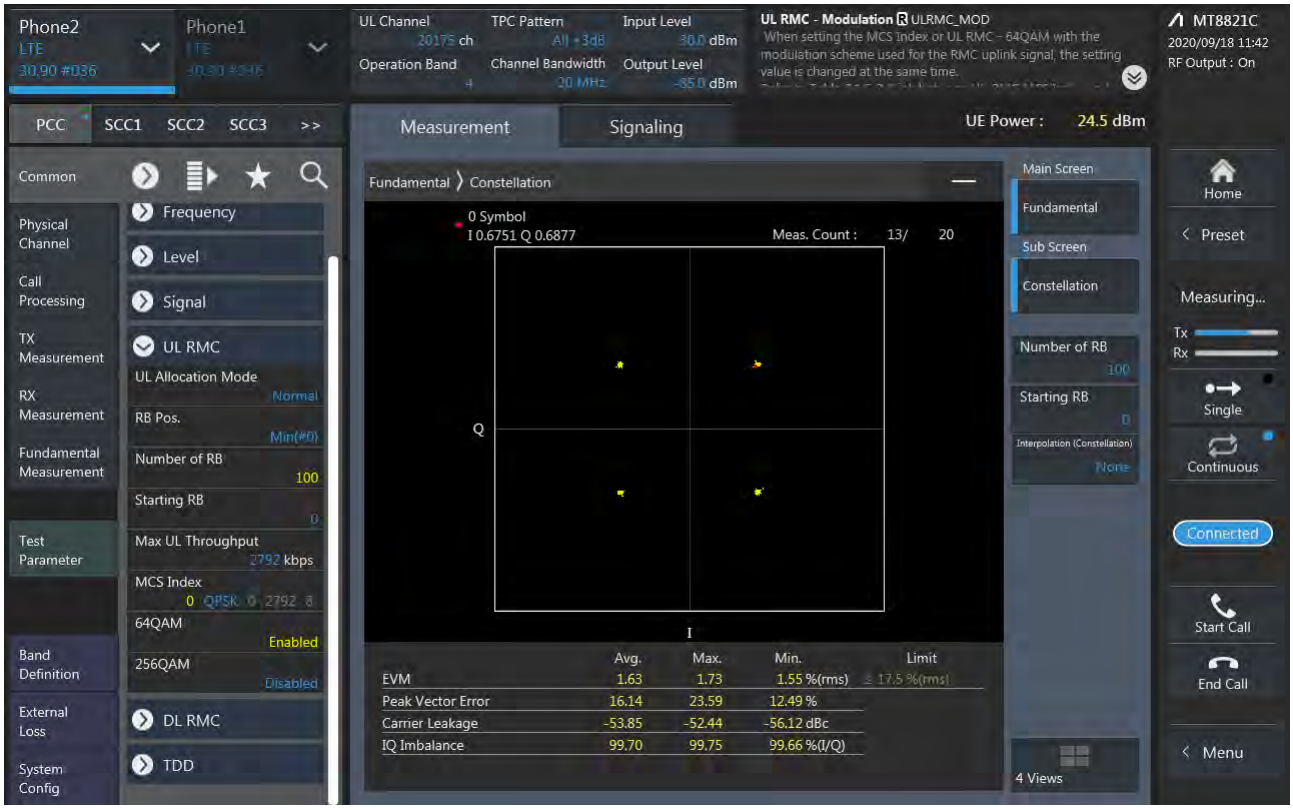
# 3. Modulation Characteristics

## 3.1. Test Mode = LTE /TM1 20MHz

### 3.1.1.Test Channel = MCH

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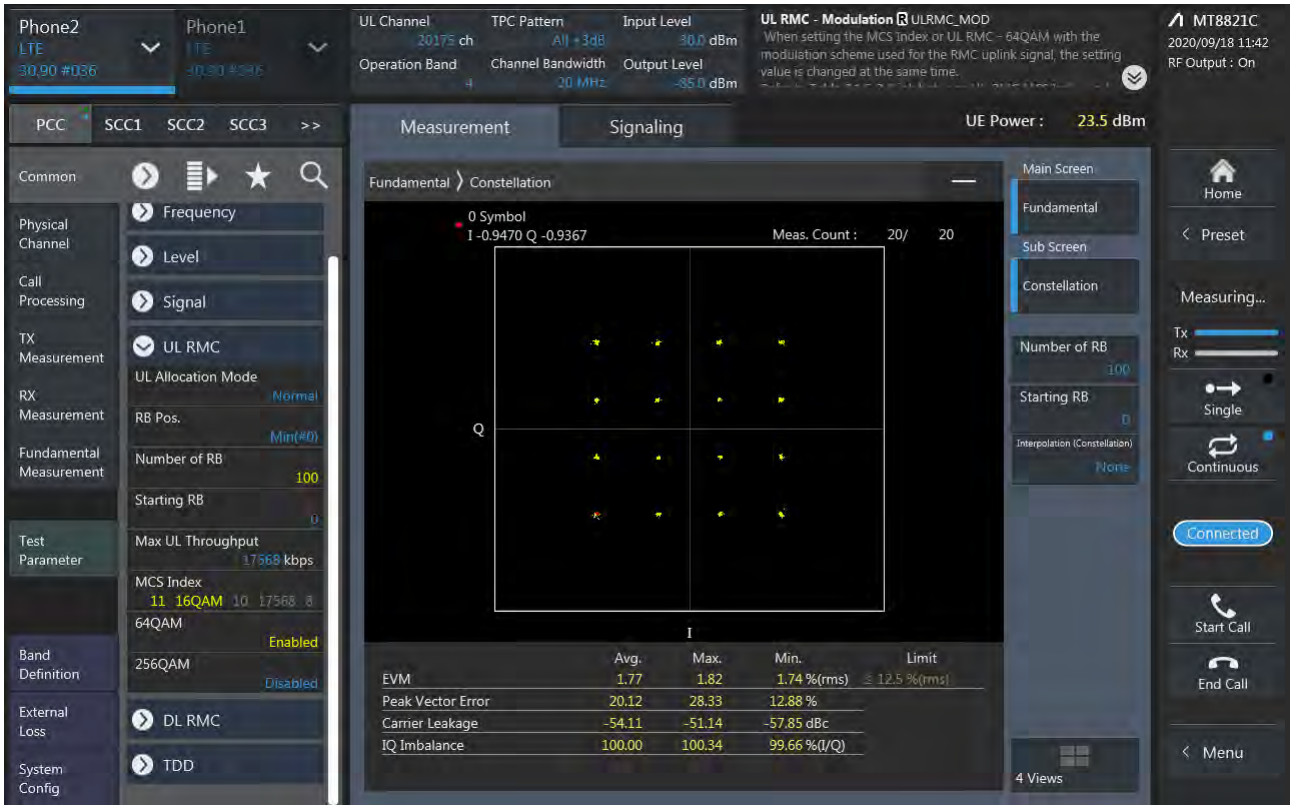
## 3.2. Test Mode = LTE /TM2 20MHz

### 3.2.1.Test Channel = MCH

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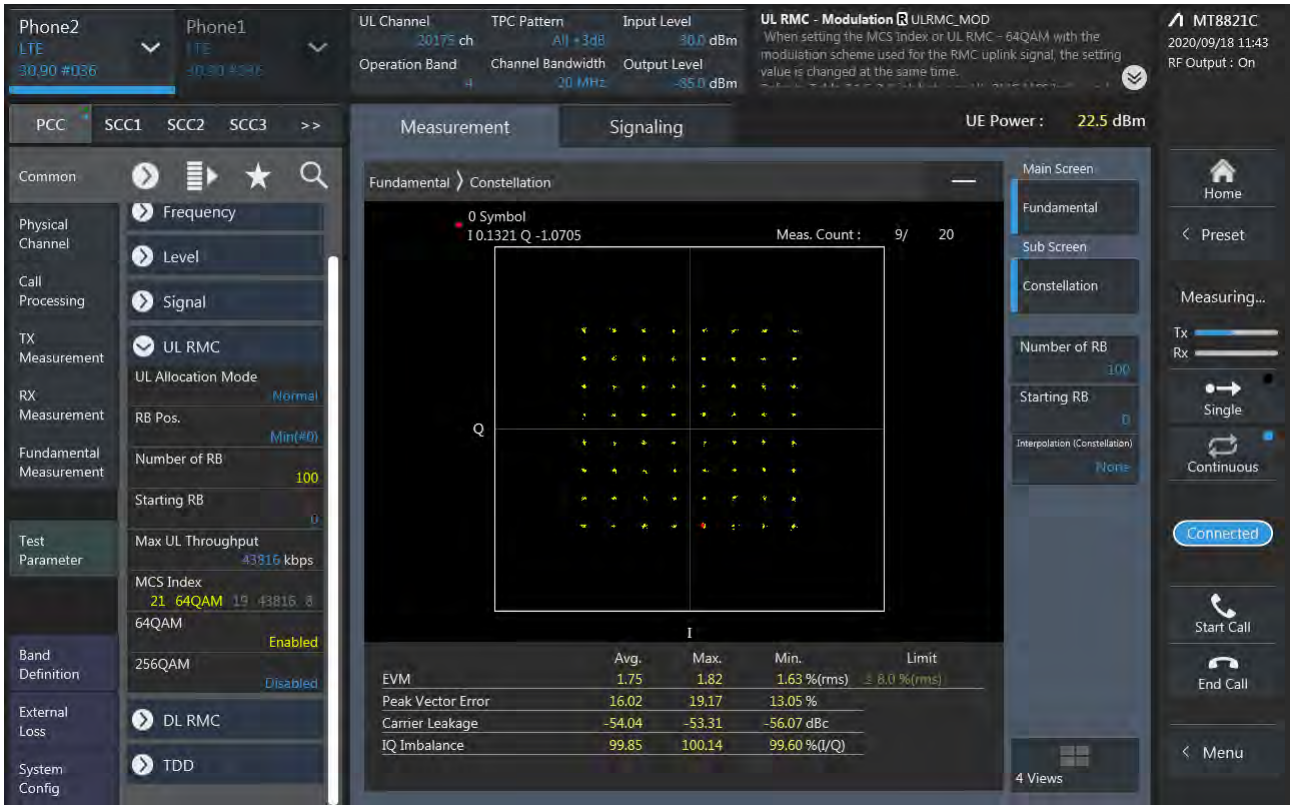
## 3.3. Test Mode = LTE /TM3 20MHz

### 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 | 1.287 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 1.091 | 1.287 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 1.091 | 1.284 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0 | 1.091 | 1.296 | PASS |
| Band4 | 1.4MHz | 64QAM | 20175 | 6RB#0 | 1.091 | 1.299 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0 | 1.091 | 1.290 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 1.091 | 1.287 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 1.091 | 1.269 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 1.088 | 1.284 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 2.691 | 2.988 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 2.697 | 2.988 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 2.703 | 2.976 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0 | 2.691 | 2.964 | PASS |
| Band4 | 3MHz | 64QAM | 20175 | 15RB#0 | 2.691 | 2.964 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0 | 2.691 | 2.970 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 2.685 | 2.964 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 2.691 | 2.976 | 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 | 4.930 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 4.476 | 4.940 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0 | 4.476 | 4.930 | PASS |
| Band4 | 5MHz | 64QAM | 20175 | 25RB#0 | 4.466 | 4.960 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0 | 4.476 | 4.940 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 4.476 | 4.970 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 4.476 | 4.960 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 4.486 | 4.950 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 8.931 | 9.740 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 8.911 | 9.720 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 8.931 | 9.740 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | 8.931 | 9.800 | PASS |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band4 | 10MHz | 64QAM | 20175 | 50RB#0 | 8.911 | 9.760 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | 8.931 | 9.800 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 8.911 | 9.800 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 8.911 | 9.760 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 8.931 | 9.740 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 13.457 | 14.730 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 13.457 | 14.820 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 13.457 | 14.760 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | 13.427 | 14.730 | PASS |
| Band4 | 15MHz | 64QAM | 20175 | 75RB#0 | 13.427 | 14.790 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | 13.457 | 14.790 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 13.427 | 14.700 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 13.457 | 14.820 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 13.457 | 14.760 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 17.862 | 19.400 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 17.902 | 19.480 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 17.902 | 19.480 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | 17.862 | 19.480 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | 17.902 | 19.480 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.902 | 19.440 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.902 | 19.400 | PASS |

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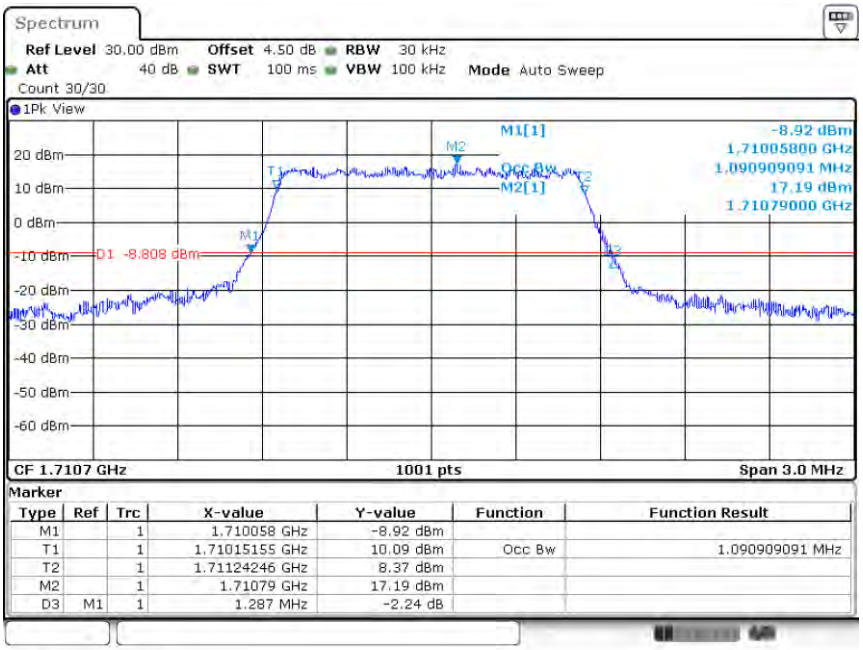
## 4.2. Test Plots

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

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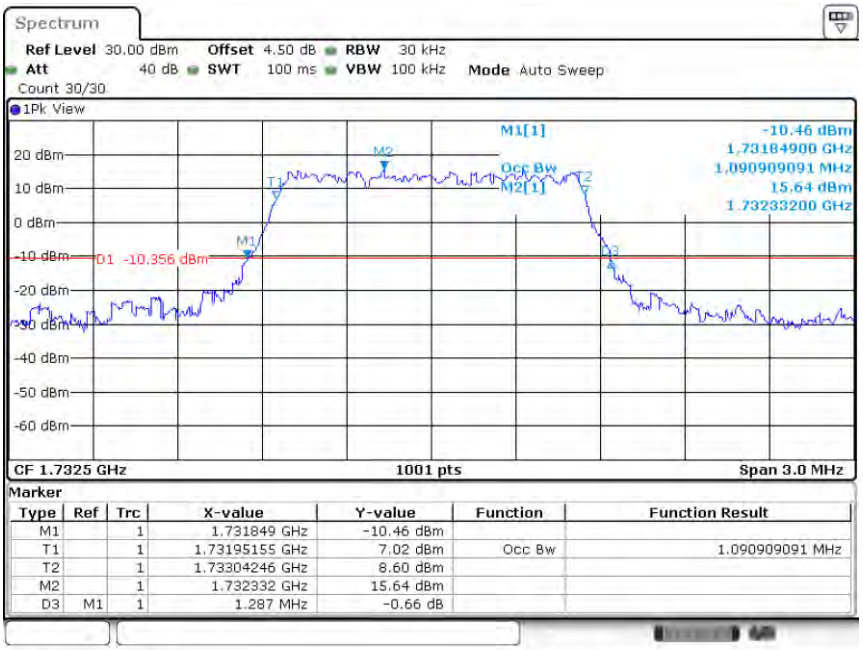


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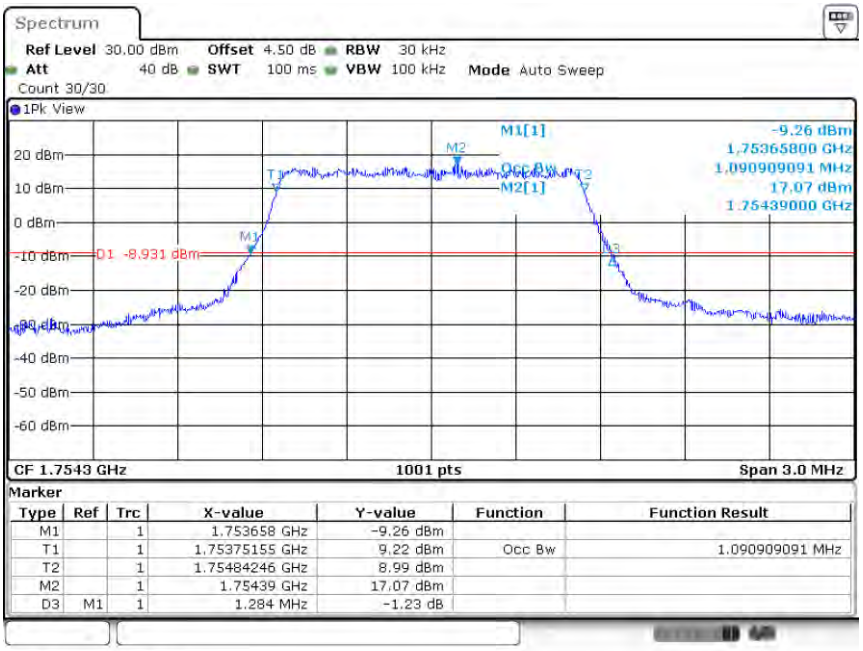


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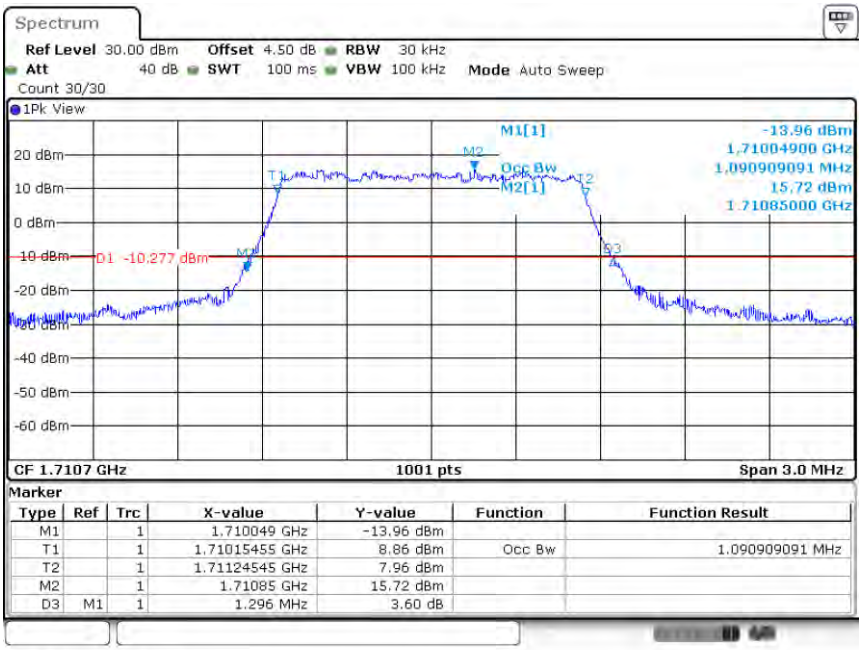


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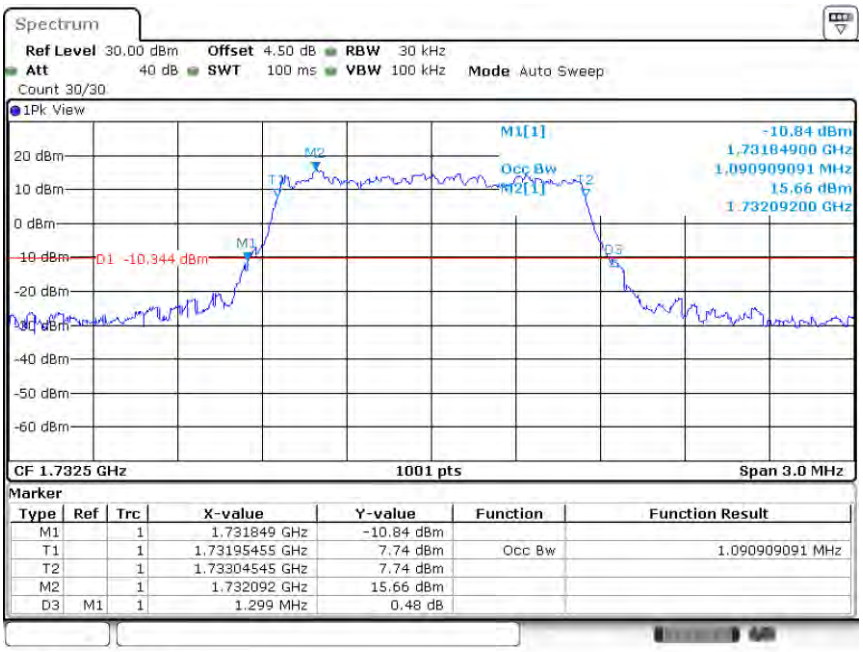


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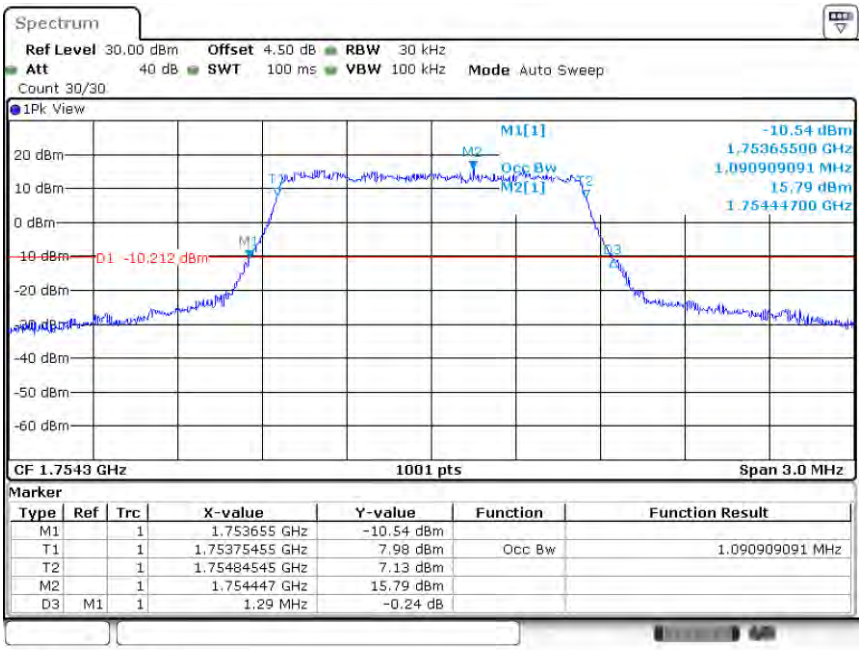


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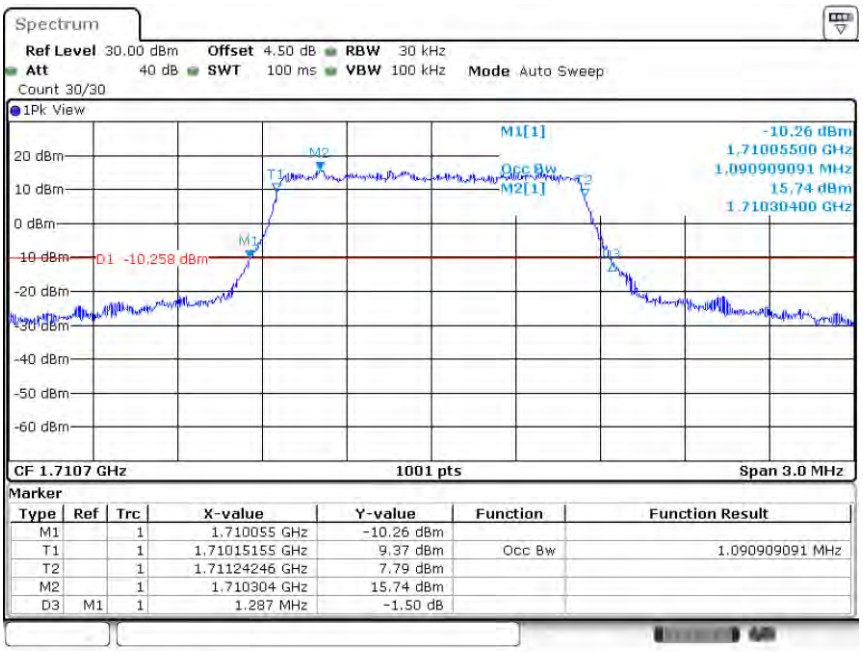


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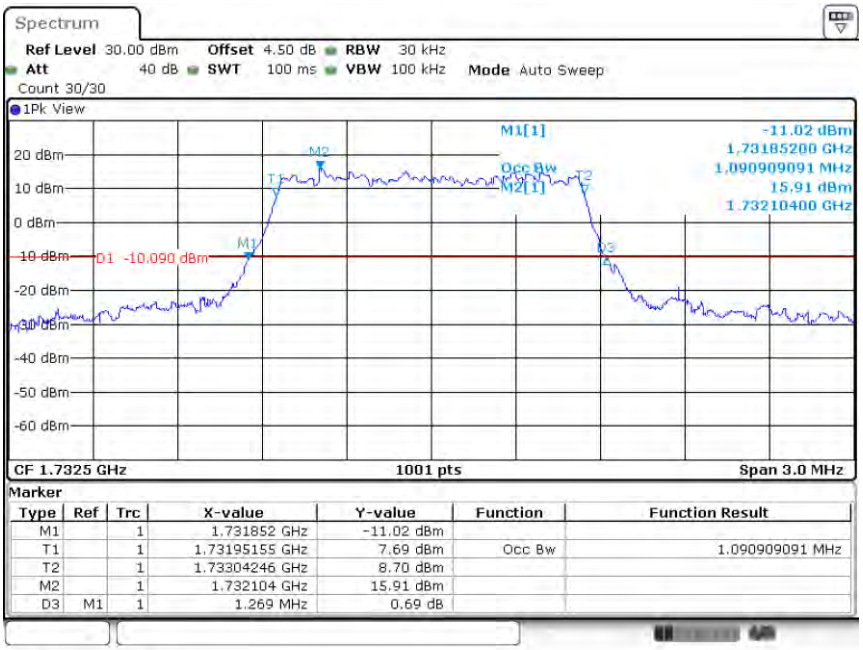


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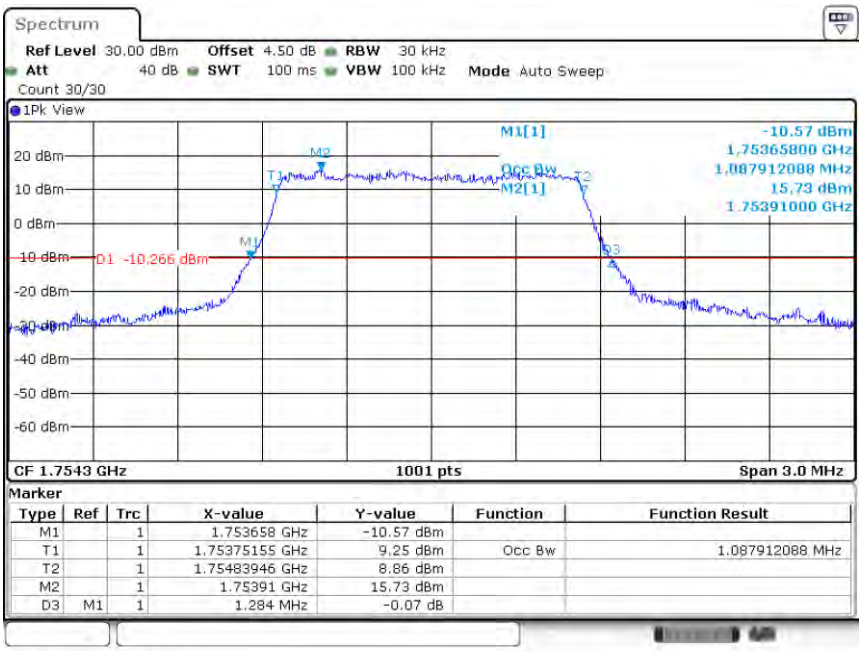
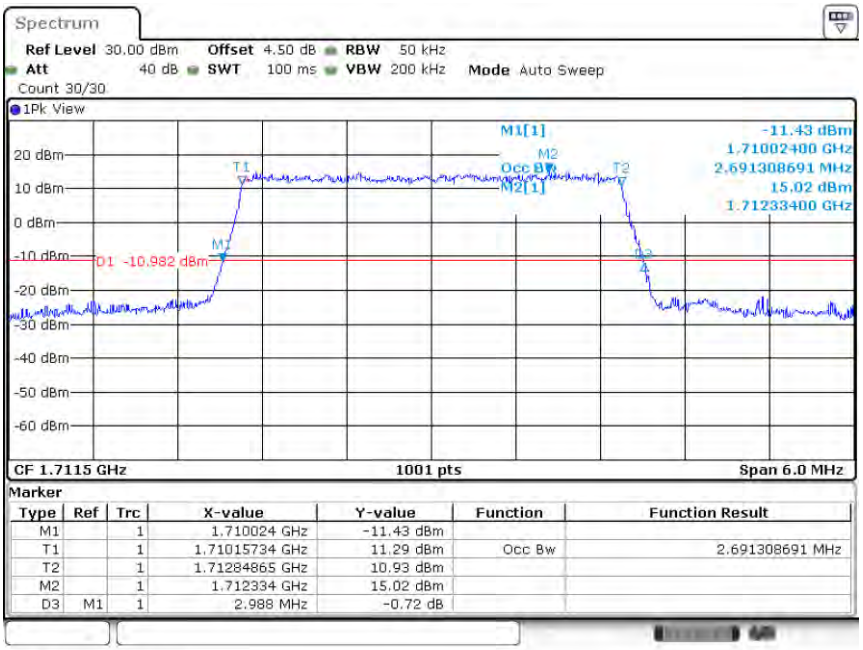
Band4-1.4MHz-16QAM-20393-6RB#0-1.088




Date: 3.SEP.2020 22:03:48

Band4-3MHz-QPSK-19965-15RB#0-2.691




Date: 3.SEP.2020 22:04:06

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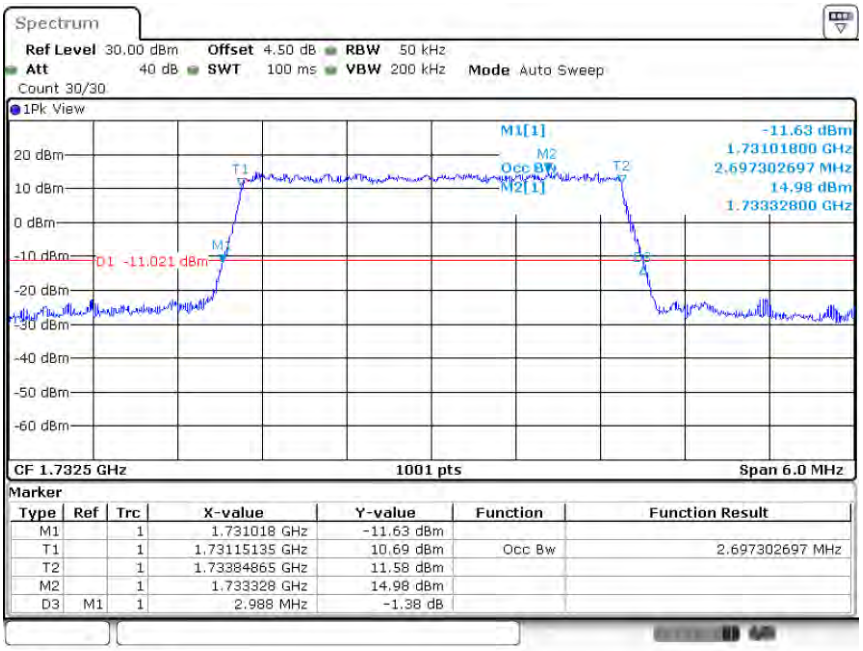
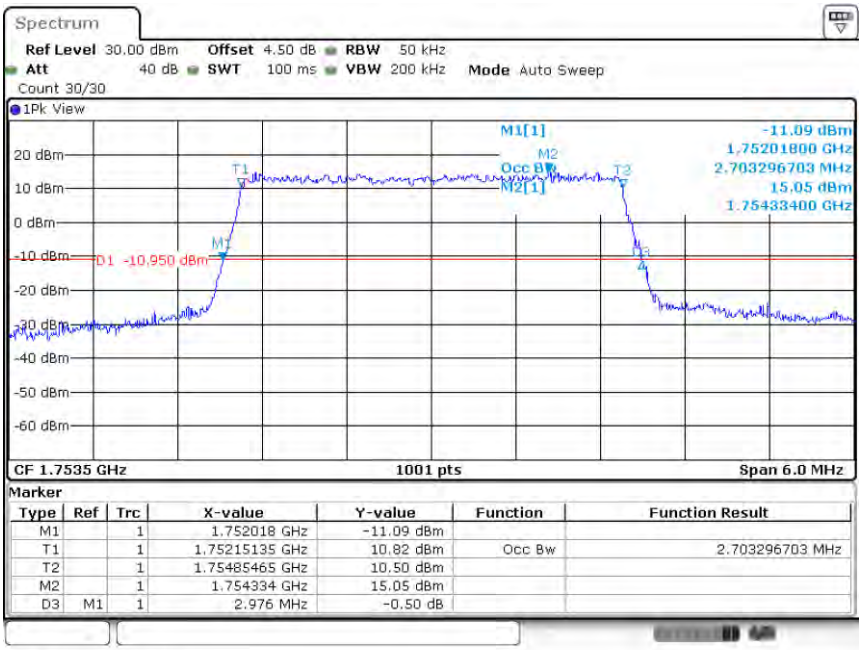
Band4-3MHz-QPSK-20175-15RB#0-2.697




Date: 3.SEP.2020 22:04:32

Band4-3MHz-QPSK-20385-15RB#0-2.703




Date: 3.SEP.2020 22:04:58

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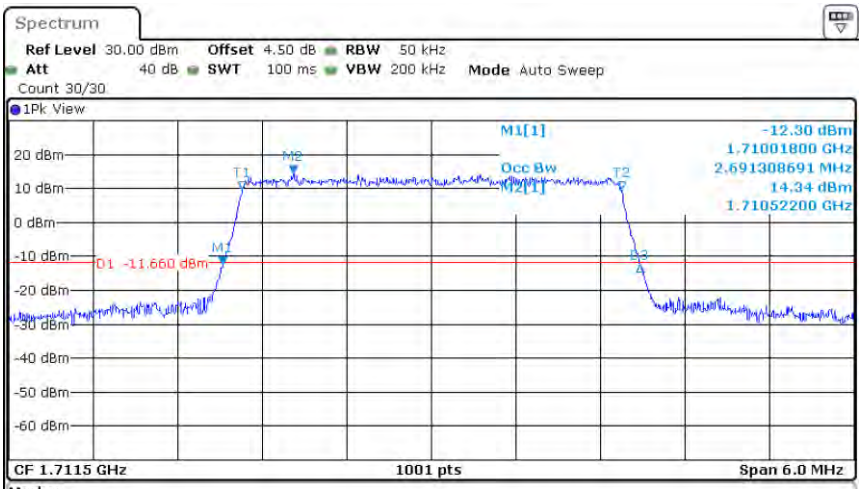
Band4-3MHz-64QAM-19965-15RB#0-2.691

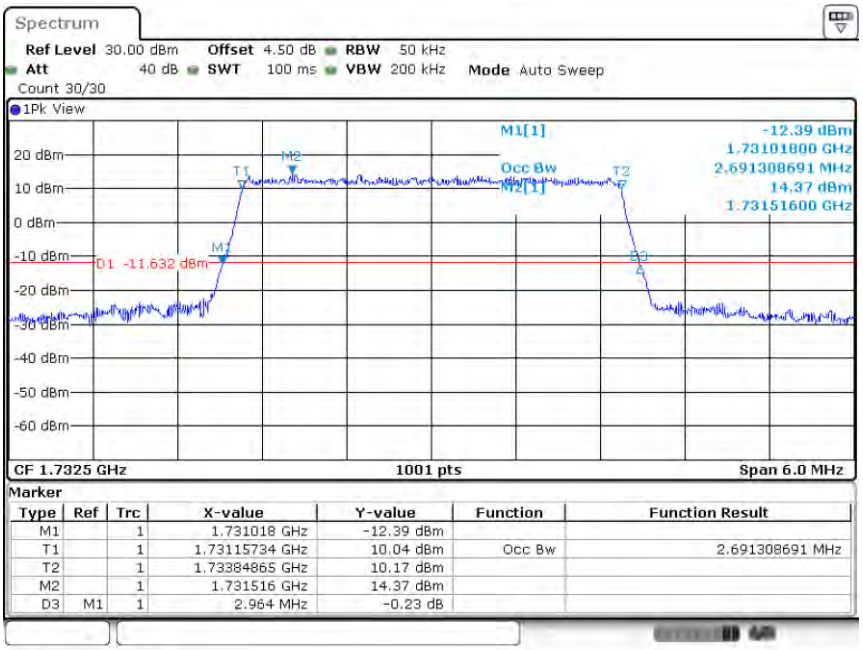



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.710018 GHz | -12.30 dBm | | |
| T1 | | 1 | 1.71015734 GHz | 9.81 dBm | Occ Bw | 2.691308691 MHz |
| T2 | | 1 | 1.71284865 GHz | 9.85 dBm | | |
| M2 | | 1 | 1.710522 GHz | 14.34 dBm | | |
| D3 | M1 | 1 | 2.964 MHz | -0.15 dB | | |

Date: 3.SEP.2020 23:53:47

Band4-3MHz-64QAM-20175-15RB#0-2.691




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.731018 GHz | -12.39 dBm | | |
| T1 | | 1 | 1.73115734 GHz | 10.04 dBm | Occ Bw | 2.691308691 MHz |
| T2 | | 1 | 1.73384865 GHz | 10.17 dBm | | |
| M2 | | 1 | 1.731516 GHz | 14.37 dBm | | |
| D3 | M1 | 1 | 2.964 MHz | -0.23 dB | | |

Date: 3.SEP.2020 23:54:00

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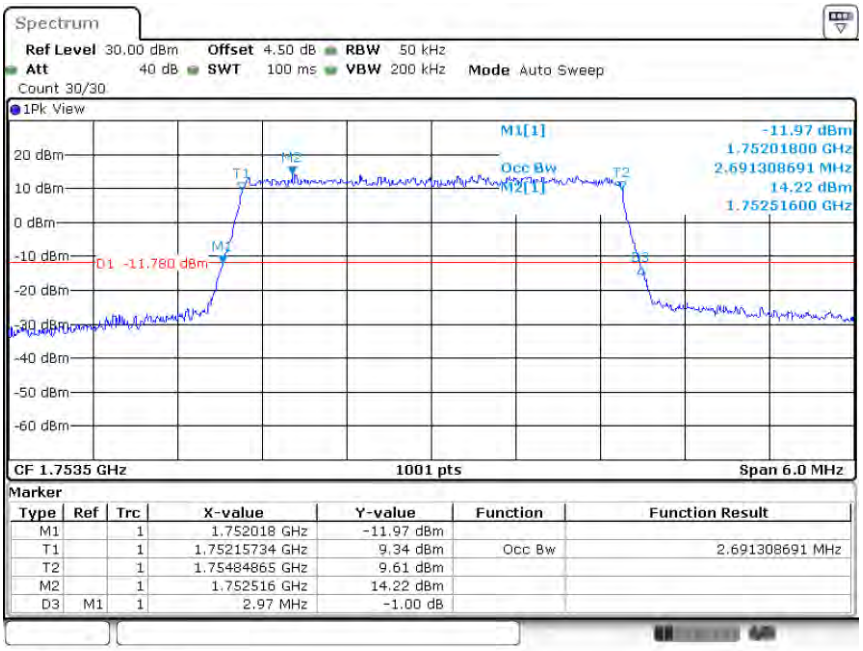
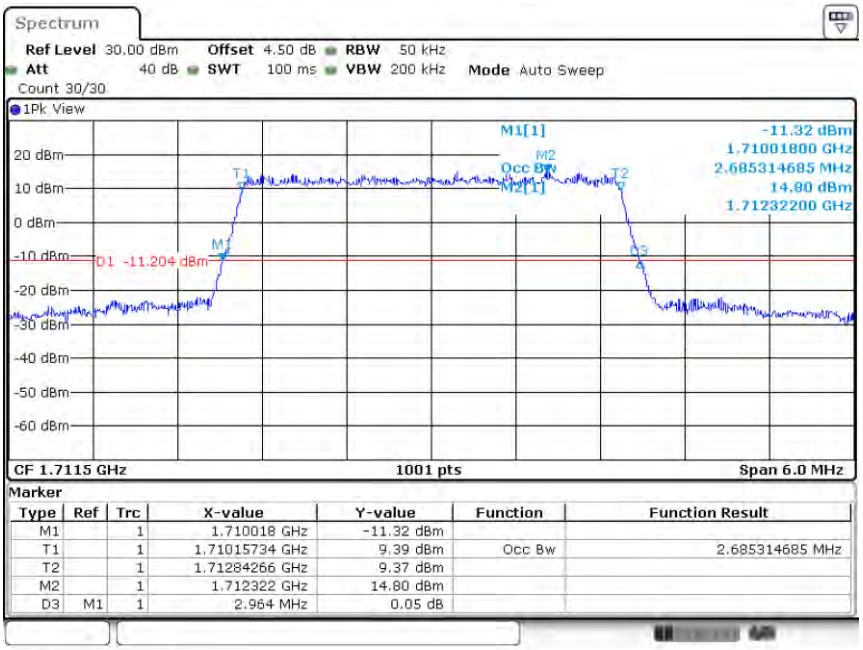
Band4-3MHz-64QAM-20385-15RB#0-2.691




Date: 3.SEP.2020 23:54:13

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




Date: 3.SEP.2020 22:04:18

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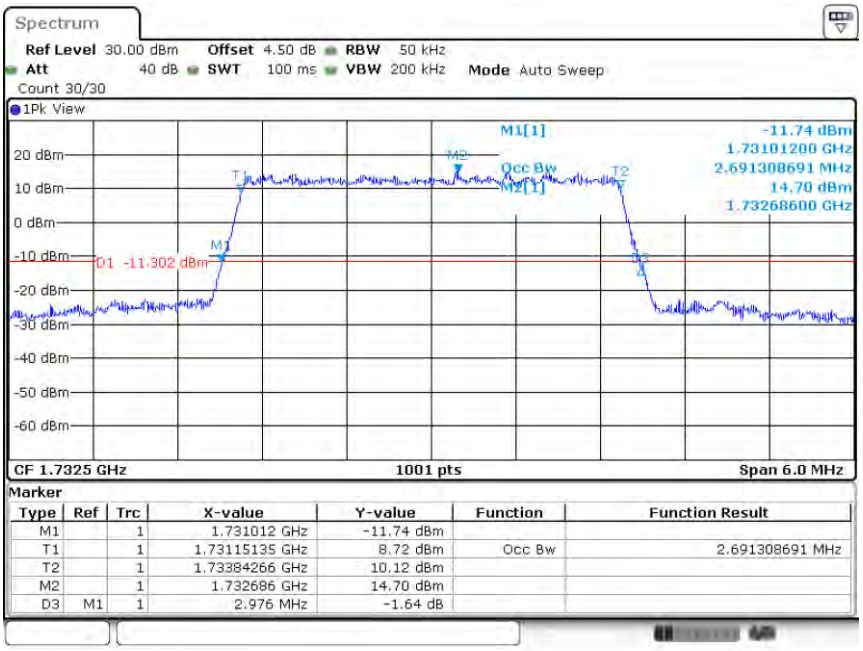
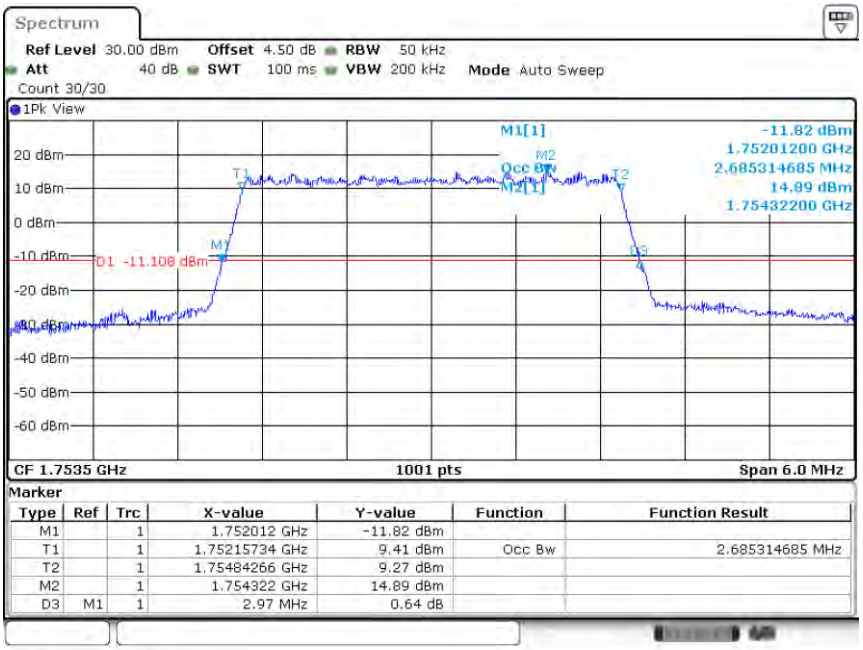
Band4-3MHz-16QAM-20175-15RB#0-2.691




Date: 3.SEP.2020 22:04:45

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




Date: 3.SEP.2020 22:05:10

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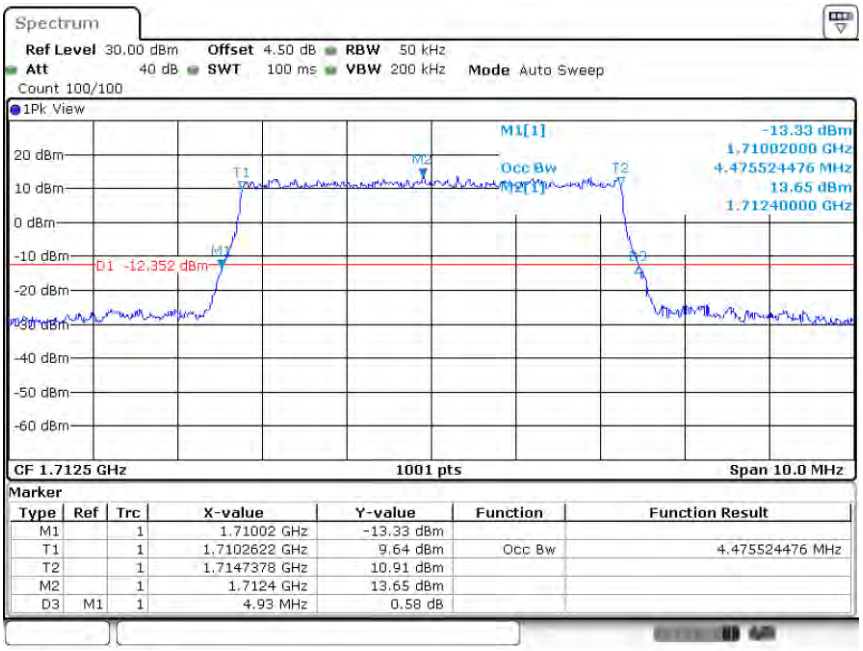
Band4-5MHz-QPSK-19975-25RB#0-4.476

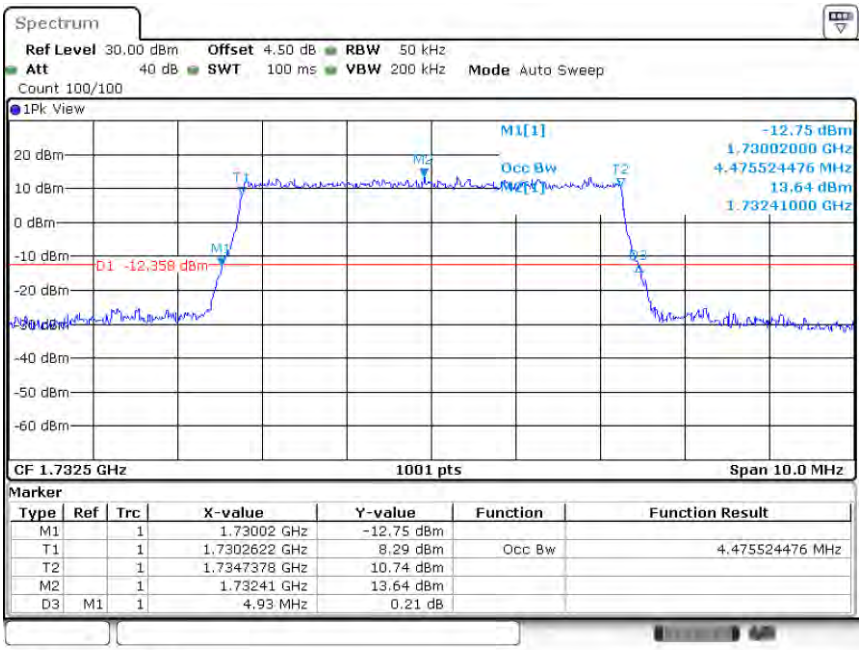



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.71002 GHz | -13.33 dBm | | |
| T1 | | 1 | 1.7102622 GHz | 9.64 dBm | Occ Bw | 4.475524476 MHz |
| T2 | | 1 | 1.7147378 GHz | 10.91 dBm | | |
| M2 | | 1 | 1.7124 GHz | 13.65 dBm | | |
| D3 | M1 | 1 | 4.93 MHz | 0.58 dB | | |

Date: 3.SEP.2020 22:05:35

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




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.73002 GHz | -12.75 dBm | | |
| T1 | | 1 | 1.7302622 GHz | 8.29 dBm | Occ Bw | 4.475524476 MHz |
| T2 | | 1 | 1.7347378 GHz | 10.74 dBm | | |
| M2 | | 1 | 1.73241 GHz | 13.64 dBm | | |
| D3 | M1 | 1 | 4.93 MHz | 0.21 dB | | |

Date: 3.SEP.2020 22:06:15

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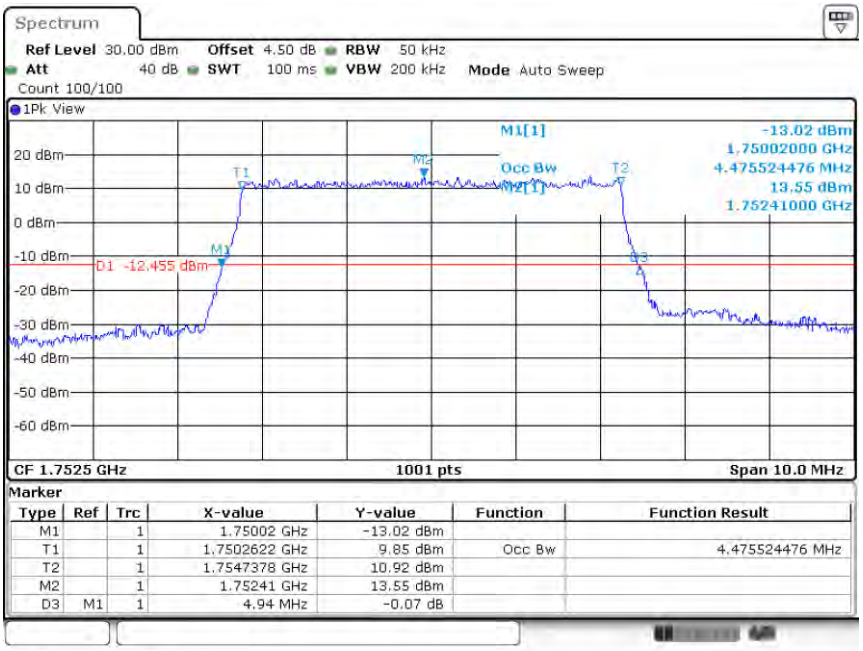
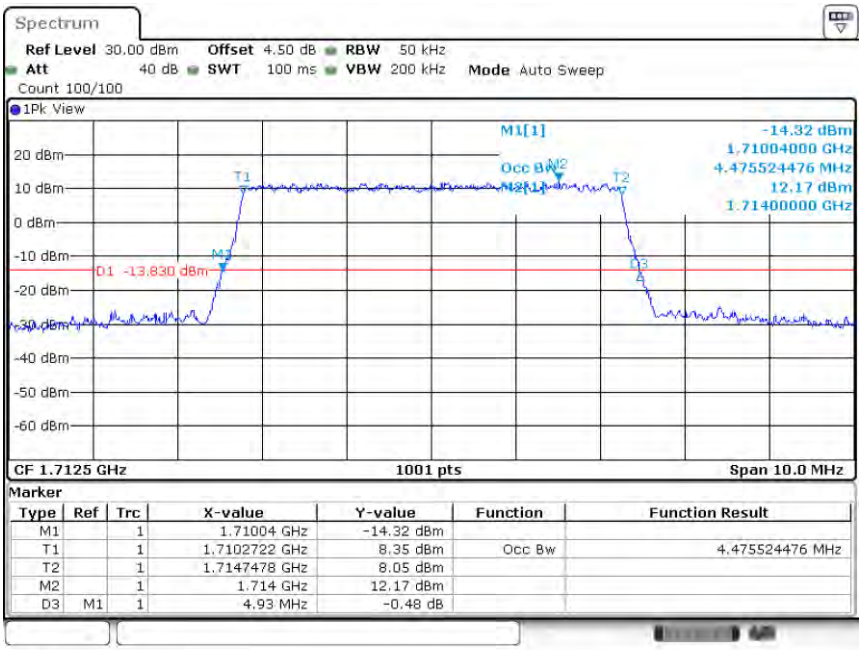



Date: 3.SEP.2020 22:06:55

Band4-5MHz-64QAM-19975-25RB#0-4.476

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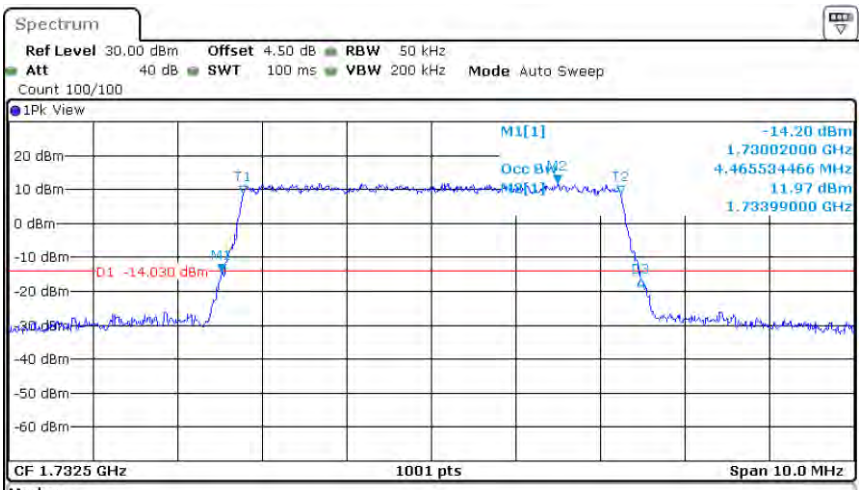
Band4-5MHz-64QAM-20175-25RB#0-4.466

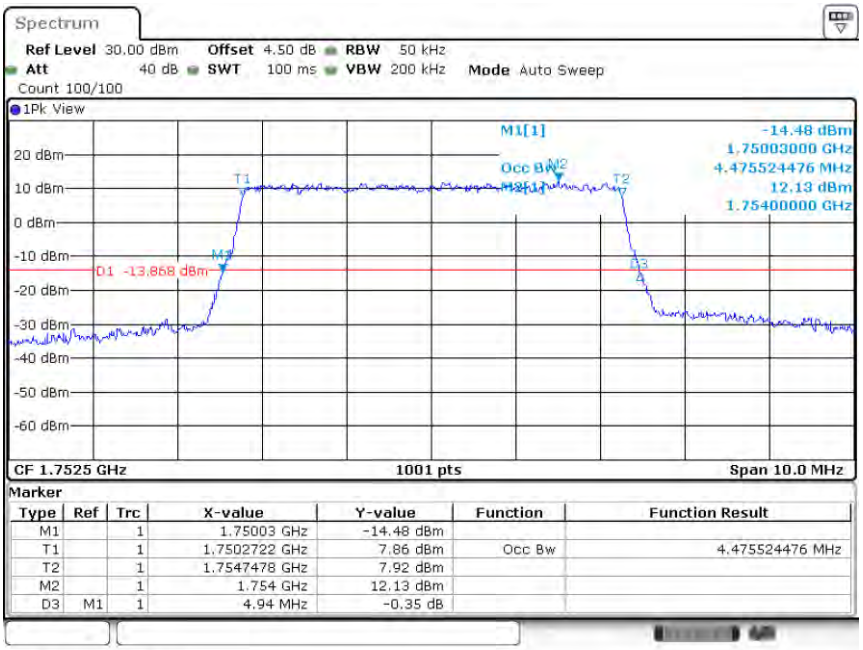



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.73002 GHz | -14.20 dBm | | |
| T1 | | 1 | 1.7302722 GHz | 8.67 dBm | Occ Bw | 4.465534466 MHz |
| T2 | | 1 | 1.7347378 GHz | 8.74 dBm | | |
| M2 | | 1 | 1.73399 GHz | 11.97 dBm | | |
| D3 | M1 | 1 | 4.96 MHz | -1.97 dB | | |

Date: 3.SEP.2020 23:54:58

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




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.75003 GHz | -14.48 dBm | | |
| T1 | | 1 | 1.7502722 GHz | 7.86 dBm | Occ Bw | 4.475524476 MHz |
| T2 | | 1 | 1.7547478 GHz | 7.92 dBm | | |
| M2 | | 1 | 1.754 GHz | 12.13 dBm | | |
| D3 | M1 | 1 | 4.94 MHz | -0.35 dB | | |

Date: 3.SEP.2020 23:55:18

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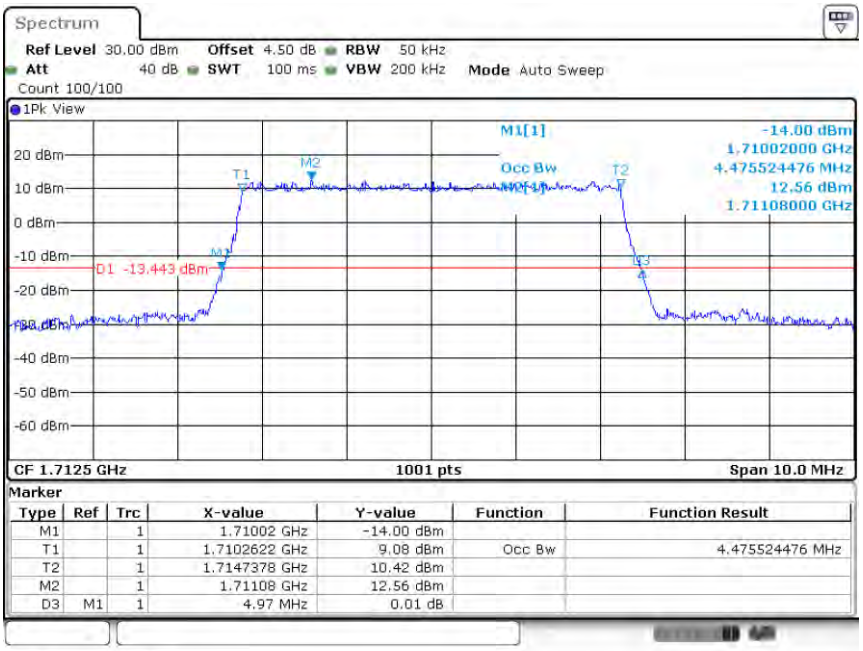
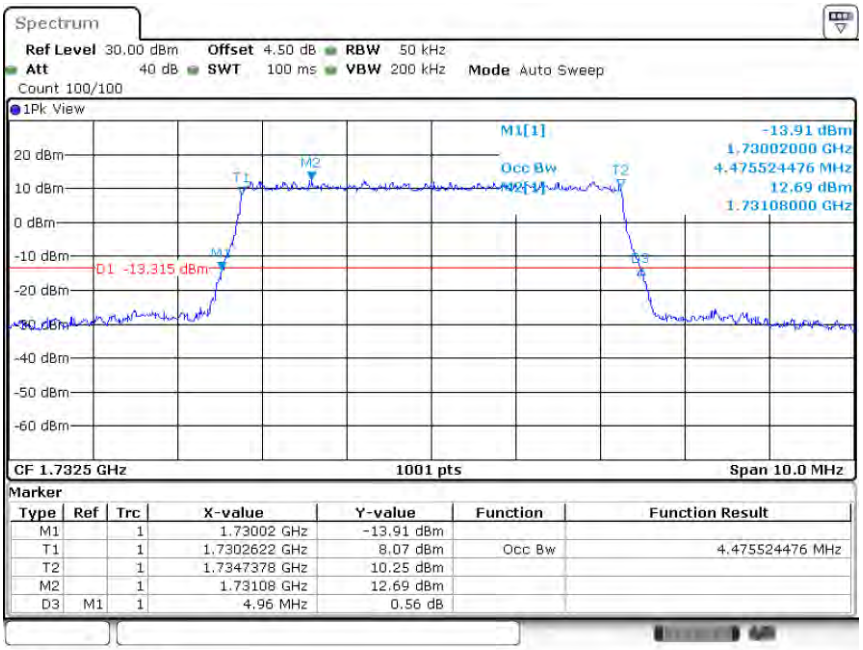



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.71002 GHz | -14.00 dBm | | |
| T1 | | 1 | 1.7102622 GHz | 9.08 dBm | Occ Bw | 4.475524476 MHz |
| T2 | | 1 | 1.7147378 GHz | 10.42 dBm | | |
| M2 | | 1 | 1.71108 GHz | 12.56 dBm | | |
| D3 | M1 | 1 | 4.97 MHz | 0.01 dB | | |

Date: 3.SEP.2020 22:05:55

Band4-5MHz-16QAM-20175-25RB#0-4.476




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.73002 GHz | -13.91 dBm | | |
| T1 | | 1 | 1.7302622 GHz | 8.07 dBm | Occ Bw | 4.475524476 MHz |
| T2 | | 1 | 1.7347378 GHz | 10.25 dBm | | |
| M2 | | 1 | 1.73108 GHz | 12.69 dBm | | |
| D3 | M1 | 1 | 4.96 MHz | 0.56 dB | | |

Date: 3.SEP.2020 22:06:34

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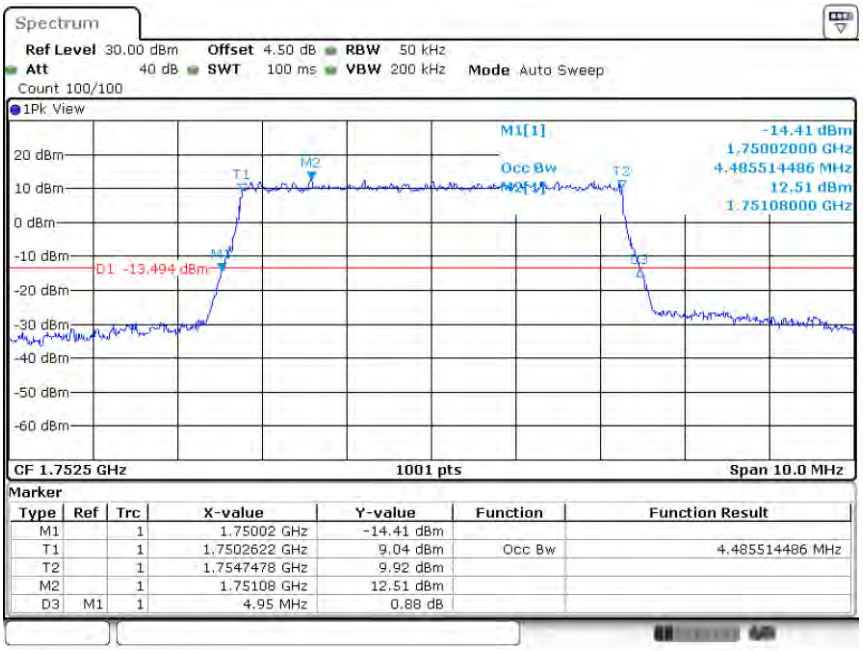
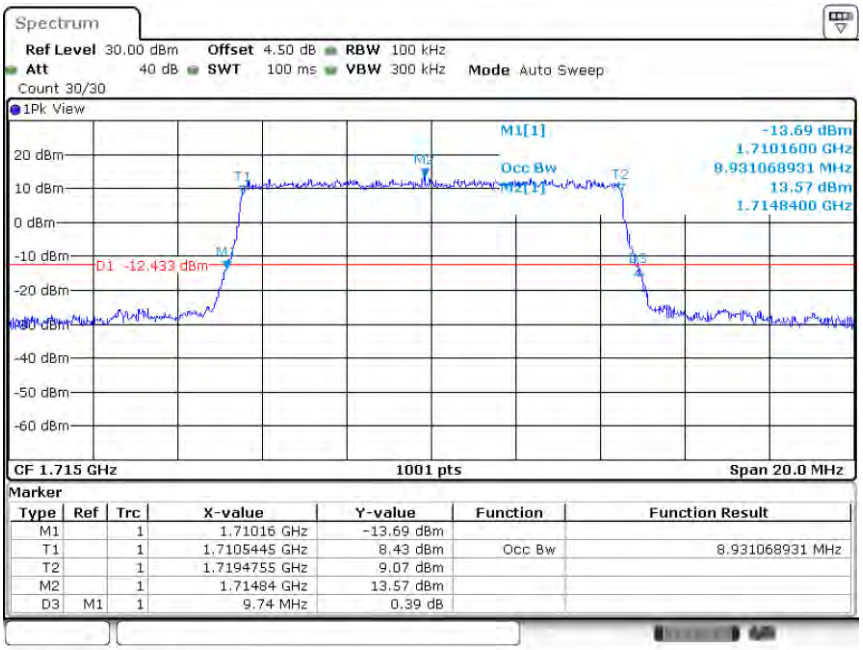
Band4-5MHz-16QAM-20375-25RB#0-4.486




Date: 3.SEP.2020 22:07:14

Band4-10MHz-QPSK-20000-50RB#0-8.931




Date: 3.SEP.2020 22:07:32

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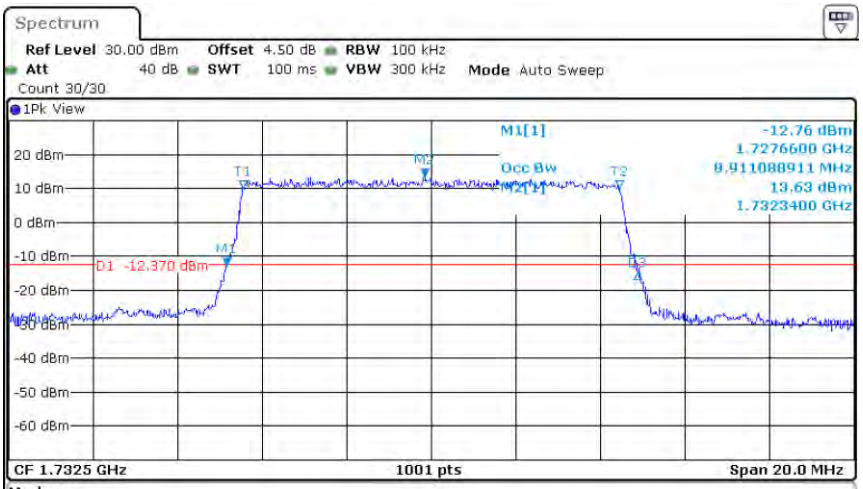
Band4-10MHz-QPSK-20175-50RB#0-8.911

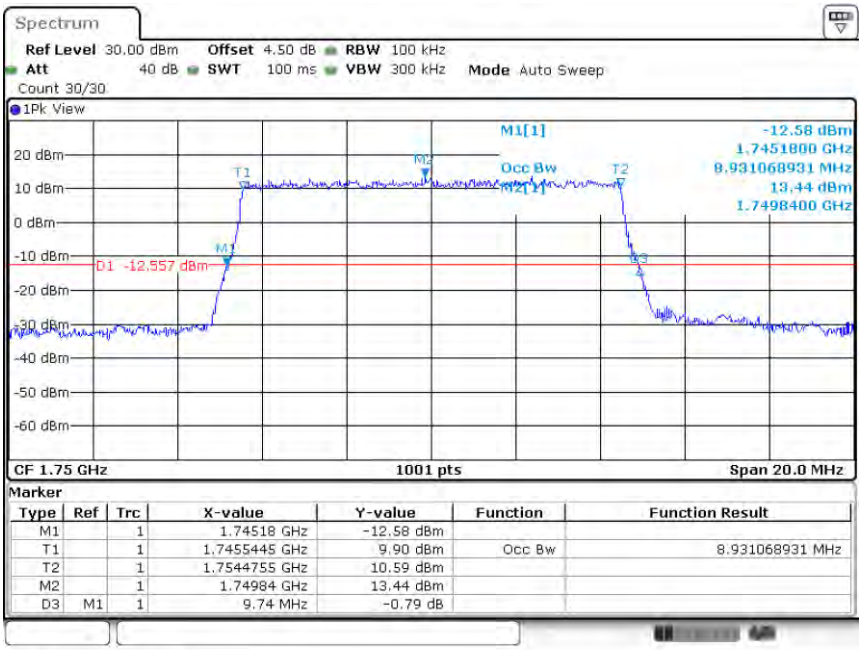



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.72766 GHz | -12.76 dBm | | |
| T1 | | 1 | 1.7280445 GHz | 10.03 dBm | Occ Bw | 8.911088911 MHz |
| T2 | | 1 | 1.7369555 GHz | 10.21 dBm | | |
| M2 | | 1 | 1.73234 GHz | 13.63 dBm | | |
| D3 | M1 | 1 | 9.72 MHz | -1.70 dB | | |

Date: 3.SEP.2020 22:07:59

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




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.74518 GHz | -12.58 dBm | | |
| T1 | | 1 | 1.7455445 GHz | 9.90 dBm | Occ Bw | 8.931068931 MHz |
| T2 | | 1 | 1.7544755 GHz | 10.59 dBm | | |
| M2 | | 1 | 1.74984 GHz | 13.44 dBm | | |
| D3 | M1 | 1 | 9.74 MHz | -0.79 dB | | |

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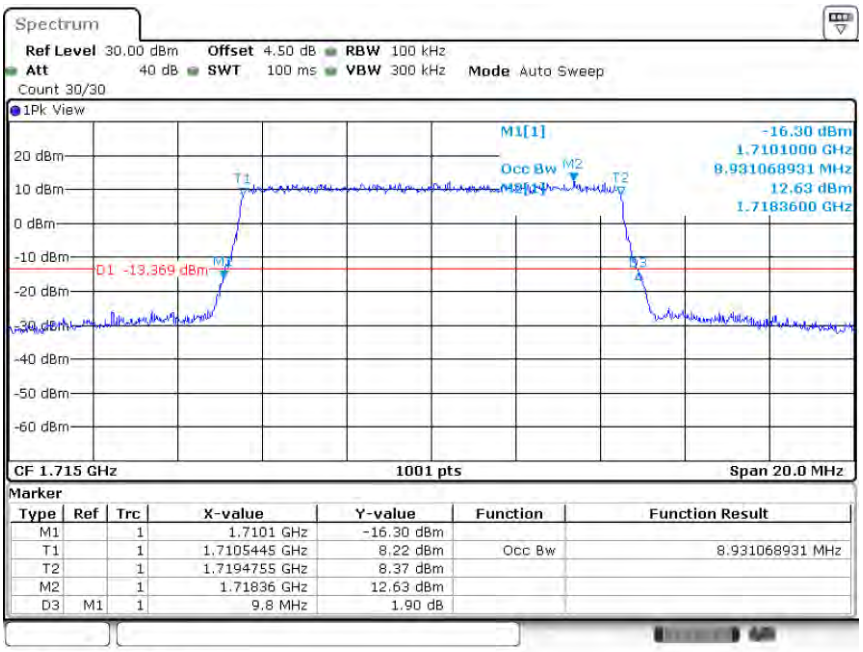
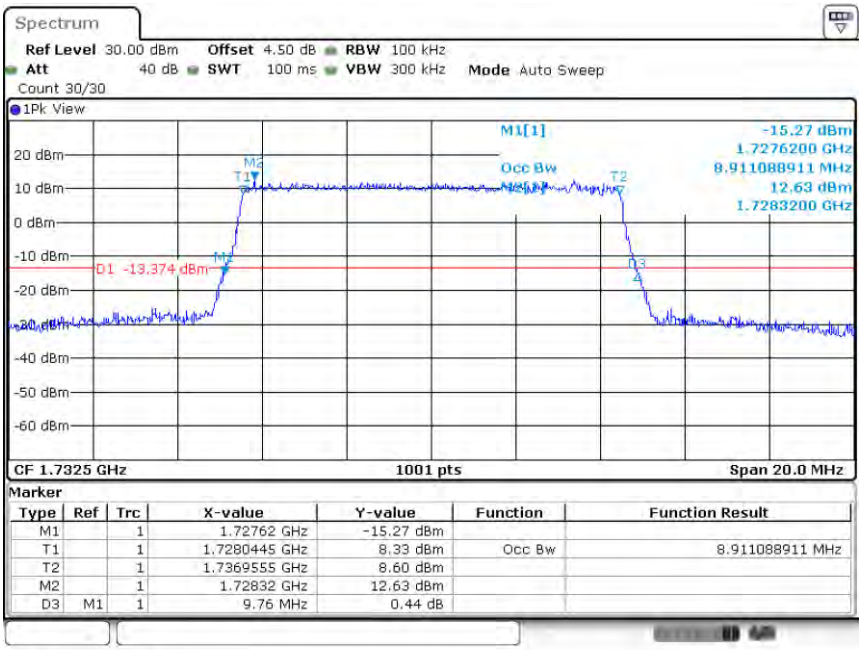
Band4-10MHz-64QAM-20000-50RB#0-8.931




Date: 3.SEP.2020 23:55:36

Band4-10MHz-64QAM-20175-50RB#0-8.911




Date: 3.SEP.2020 23:55:49

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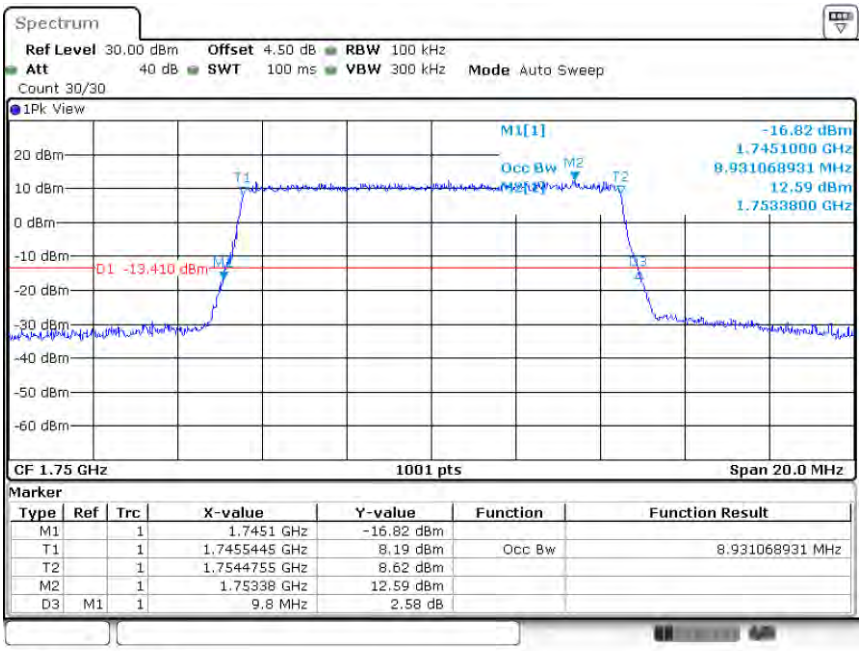
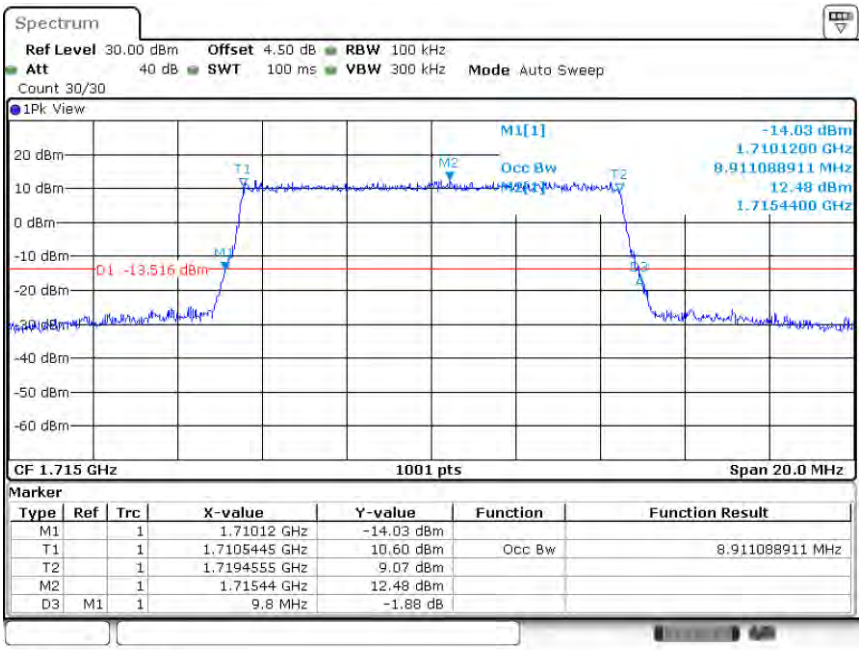
Band4-10MHz-64QAM-20350-50RB#0-8.931




Date: 3.SEP.2020 23:56:02

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

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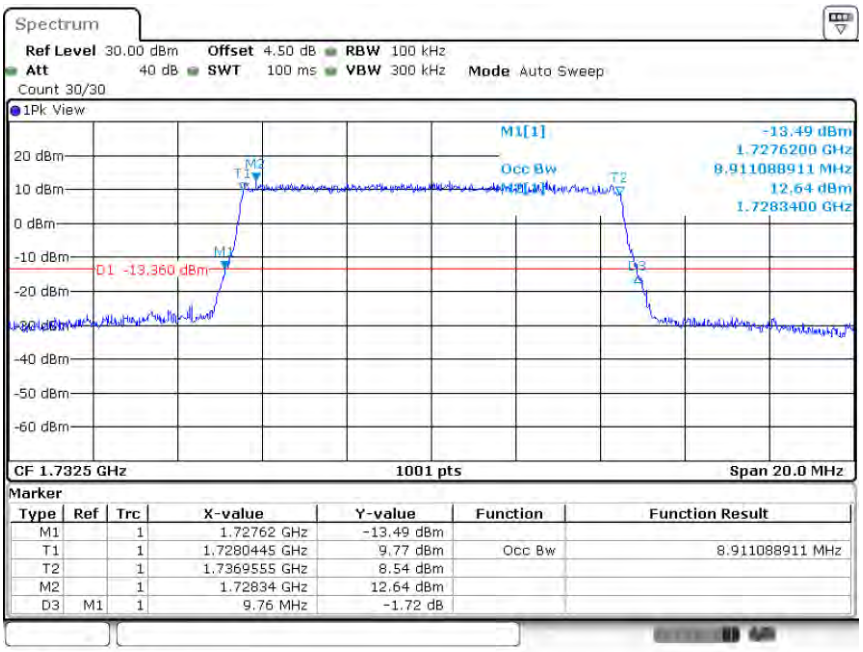
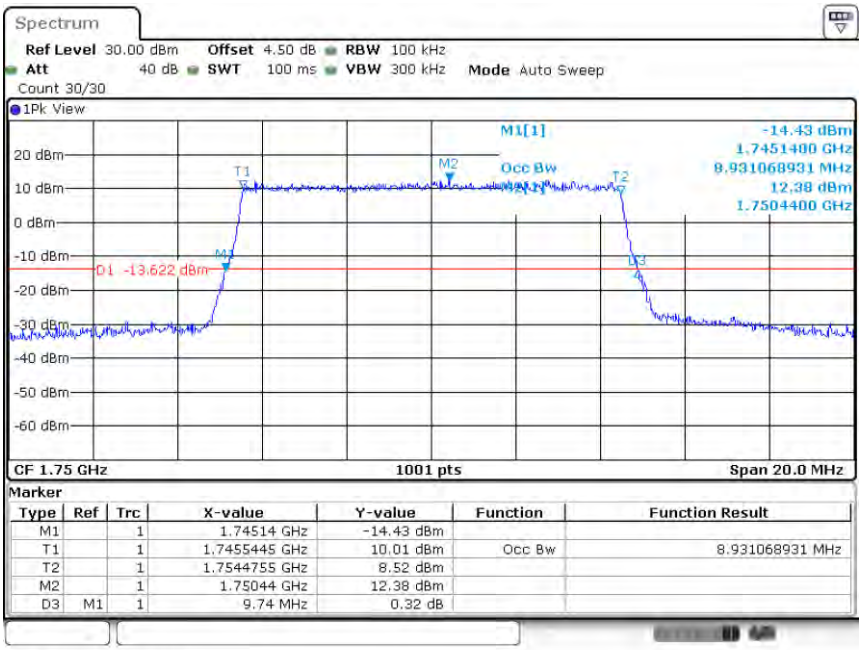



Date: 3.SEP.2020 22:08:11

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

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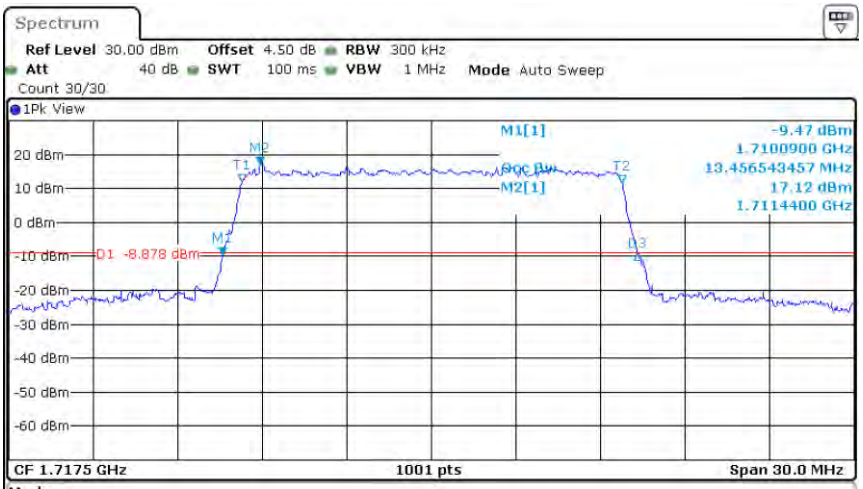
Band4-15MHz-QPSK-20025-75RB#0-13.457




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.71009 GHz | -9.47 dBm | | |
| T1 | | 1 | 1.7107867 GHz | 12.04 dBm | Occ Bw | 13.456543457 MHz |
| T2 | | 1 | 1.7242433 GHz | 11.78 dBm | | |
| M2 | | 1 | 1.71144 GHz | 17.12 dBm | | |
| D3 | M1 | 1 | 14.73 MHz | 0.53 dB | | |

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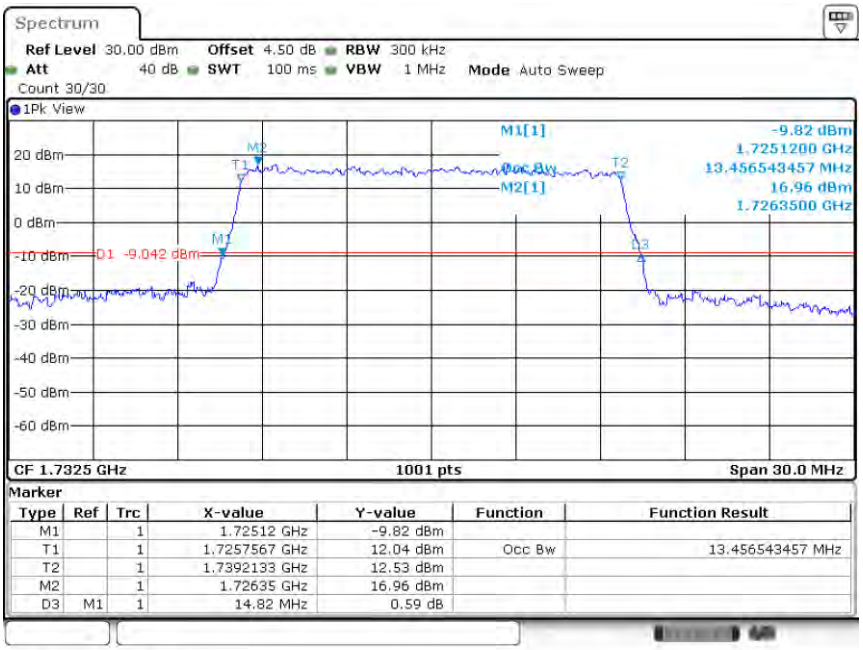
Band4-15MHz-QPSK-20175-75RB#0-13.457




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.72512 GHz | -9.82 dBm | | |
| T1 | | 1 | 1.7257567 GHz | 12.04 dBm | Occ Bw | 13.456543457 MHz |
| T2 | | 1 | 1.7392133 GHz | 12.53 dBm | | |
| M2 | | 1 | 1.72635 GHz | 16.96 dBm | | |
| D3 | M1 | 1 | 14.82 MHz | 0.59 dB | | |

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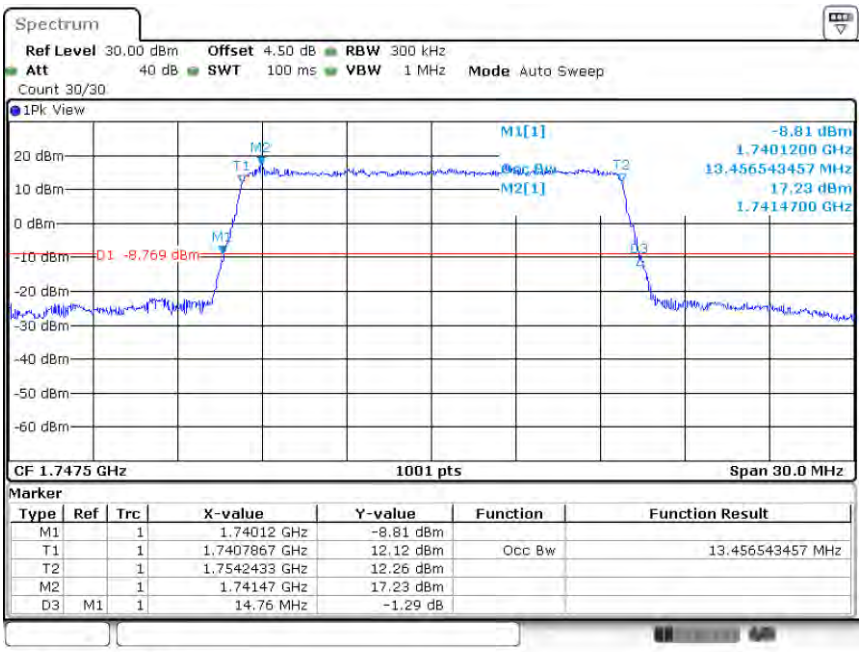
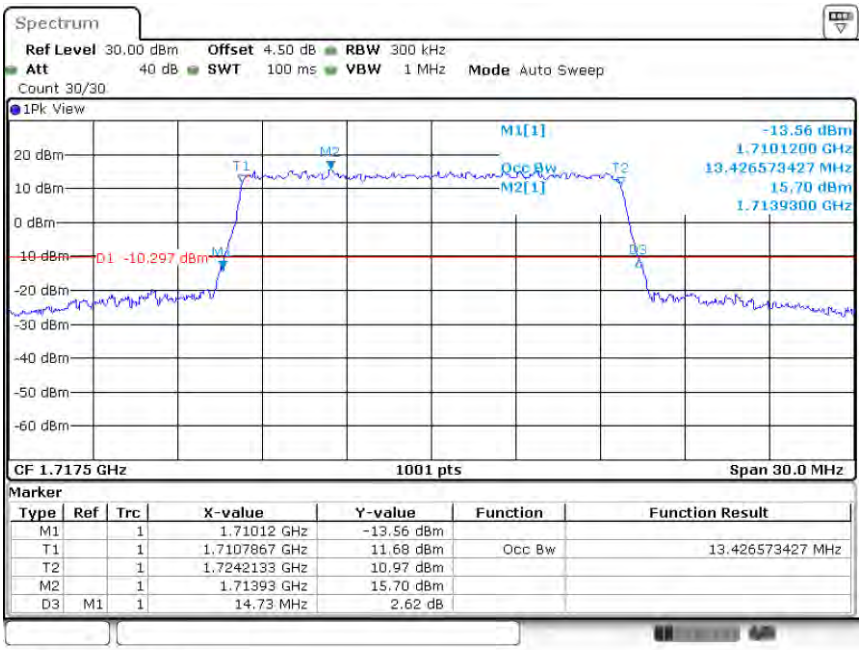
Band4-15MHz-QPSK-20325-75RB#0-13.457




Date: 3.SEP.2020 22:09:48

Band4-15MHz-64QAM-20025-75RB#0-13.427

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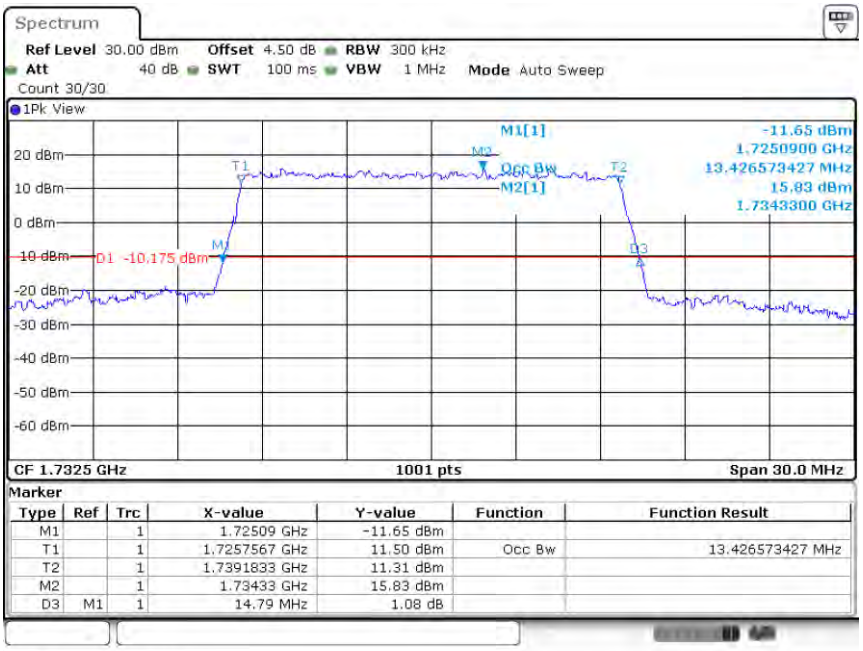
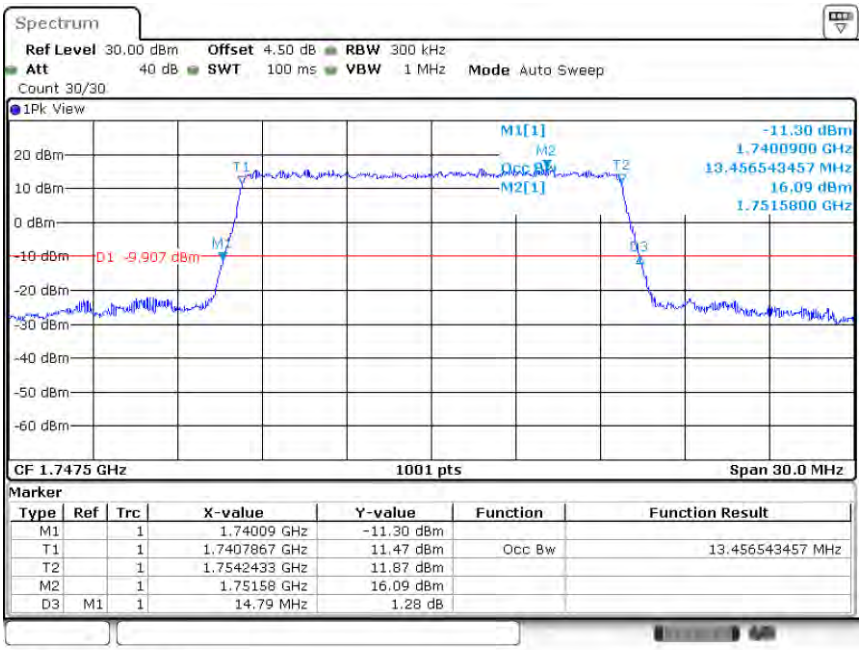
Band4-15MHz-64QAM-20175-75RB#0-13.427




Date: 3.SEP.2020 23:56:33

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

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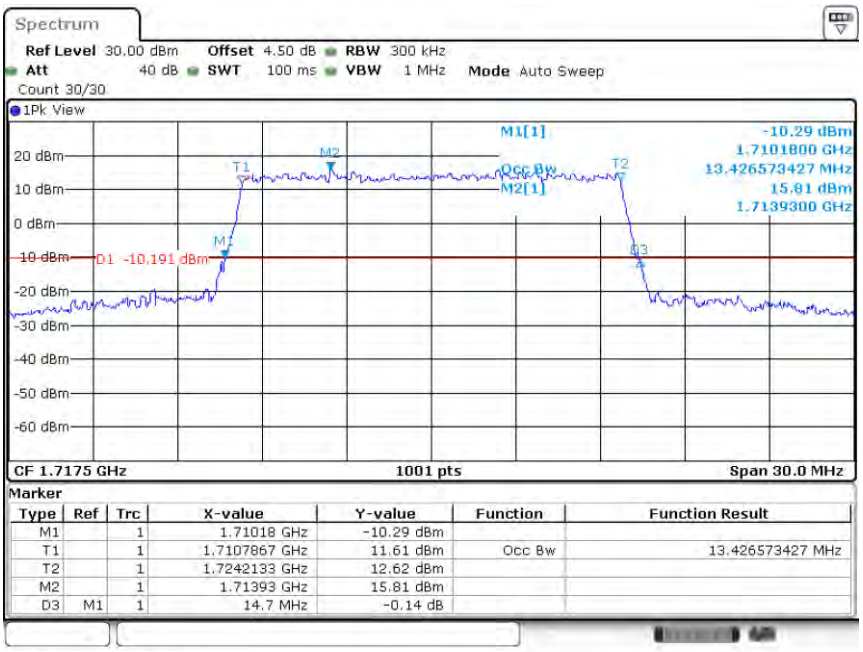
Band4-15MHz-16QAM-20025-75RB#0-13.427

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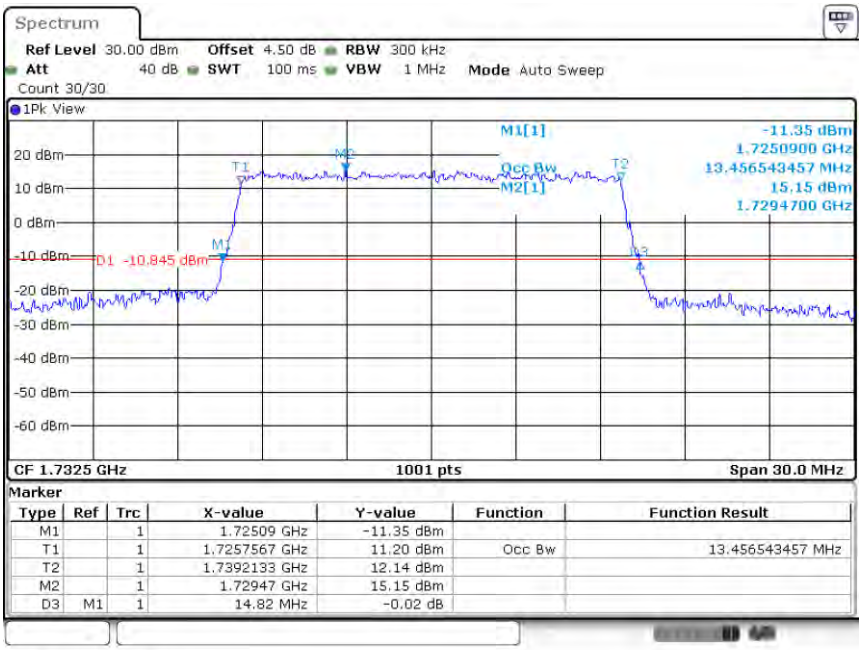
Band4-15MHz-16QAM-20175-75RB#0-13.457

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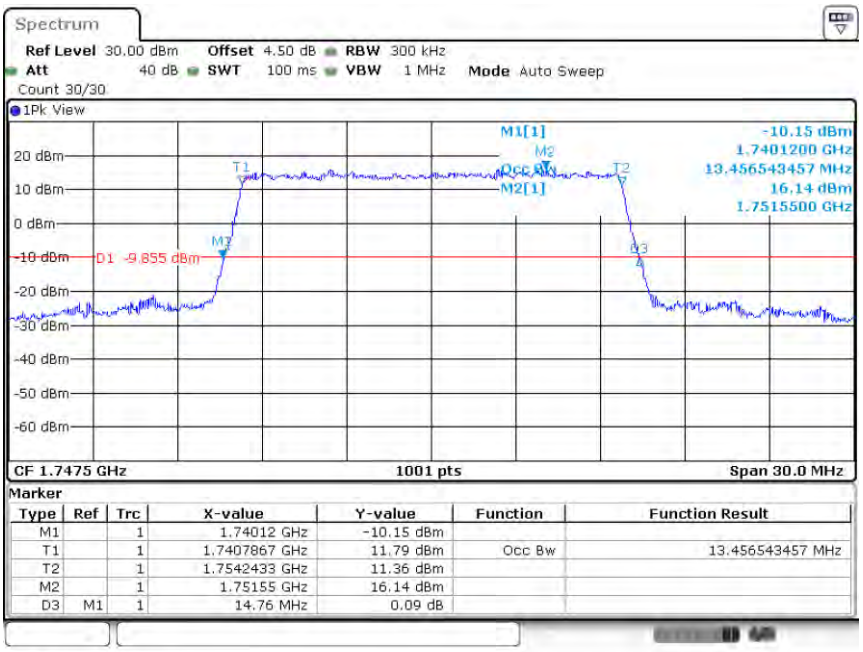
Band4-15MHz-16QAM-20325-75RB#0-13.457

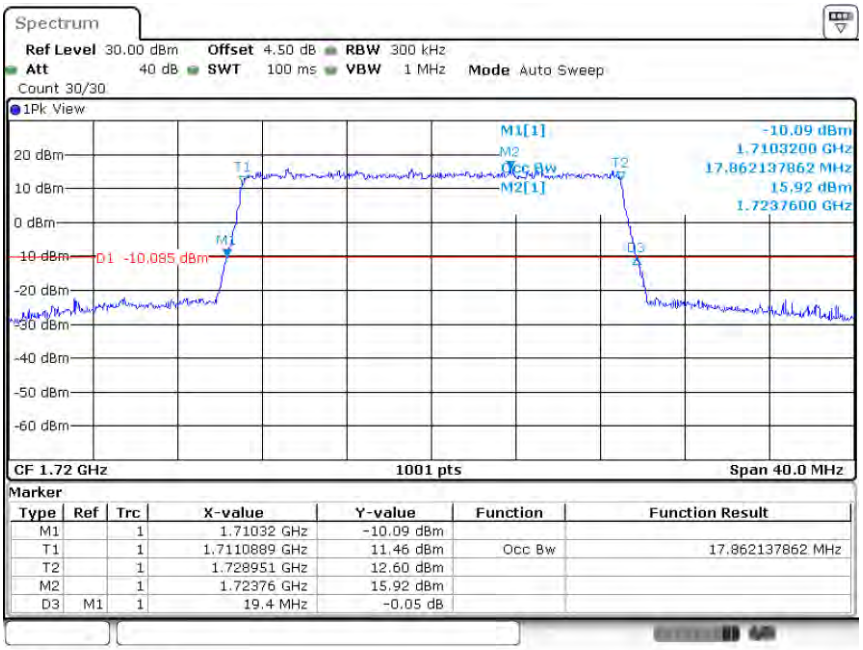



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.74012 GHz | -10.15 dBm | | |
| T1 | | 1 | 1.7407867 GHz | 11.79 dBm | Occ Bw | 13.456543457 MHz |
| T2 | | 1 | 1.7542433 GHz | 11.36 dBm | | |
| M2 | | 1 | 1.75155 GHz | 16.14 dBm | | |
| D3 | M1 | 1 | 14.76 MHz | 0.09 dB | | |

Date: 3.SEP.2020 22:10:01

Band4-20MHz-QPSK-20050-100RB#0-17.862




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.71032 GHz | -10.09 dBm | | |
| T1 | | 1 | 1.7110889 GHz | 11.46 dBm | Occ Bw | 17.862137862 MHz |
| T2 | | 1 | 1.728951 GHz | 12.60 dBm | | |
| M2 | | 1 | 1.72376 GHz | 15.92 dBm | | |
| D3 | M1 | 1 | 19.4 MHz | -0.05 dB | | |

Date: 3.SEP.2020 22:10:18

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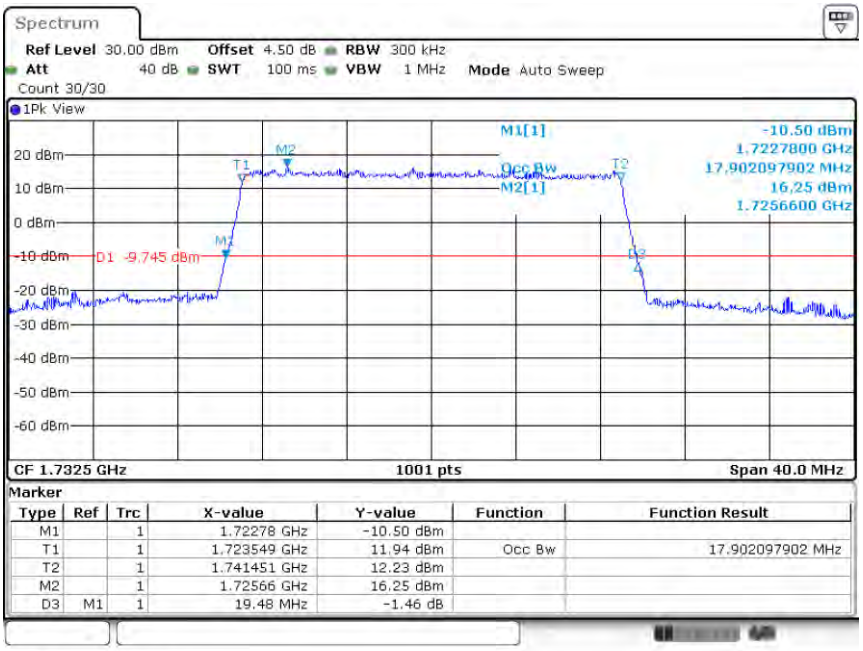
Band4-20MHz-QPSK-20175-100RB#0-17.902

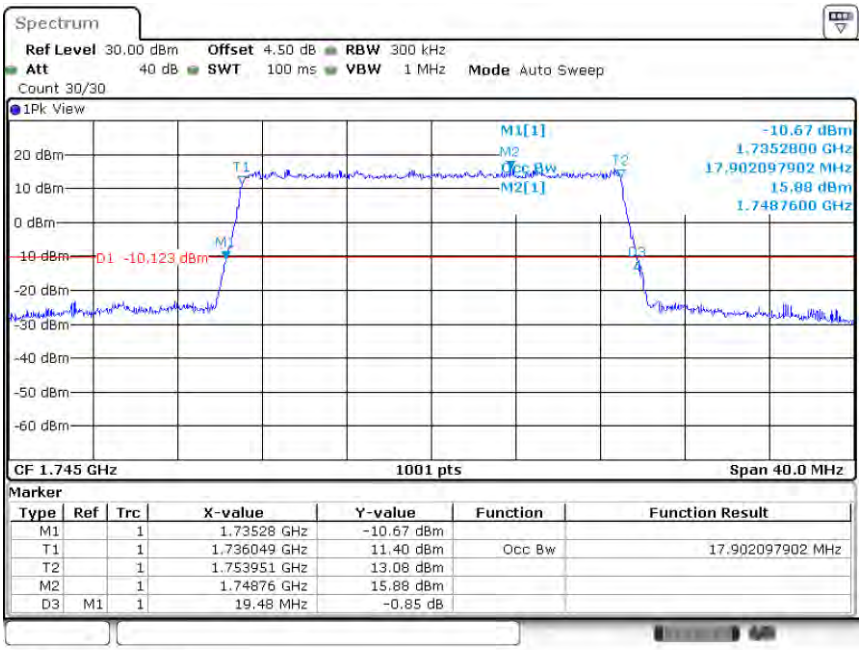



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.72278 GHz | -10.50 dBm | | |
| T1 | | 1 | 1.723549 GHz | 11.94 dBm | Occ Bw | 17.902097902 MHz |
| T2 | | 1 | 1.741451 GHz | 12.23 dBm | | |
| M2 | | 1 | 1.72566 GHz | 16.25 dBm | | |
| D3 | M1 | 1 | 19.48 MHz | -1.46 dB | | |

Date: 3.SEP.2020 22:10:44

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




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.73528 GHz | -10.67 dBm | | |
| T1 | | 1 | 1.736049 GHz | 11.40 dBm | Occ Bw | 17.902097902 MHz |
| T2 | | 1 | 1.753951 GHz | 13.08 dBm | | |
| M2 | | 1 | 1.74876 GHz | 15.88 dBm | | |
| D3 | M1 | 1 | 19.48 MHz | -0.85 dB | | |

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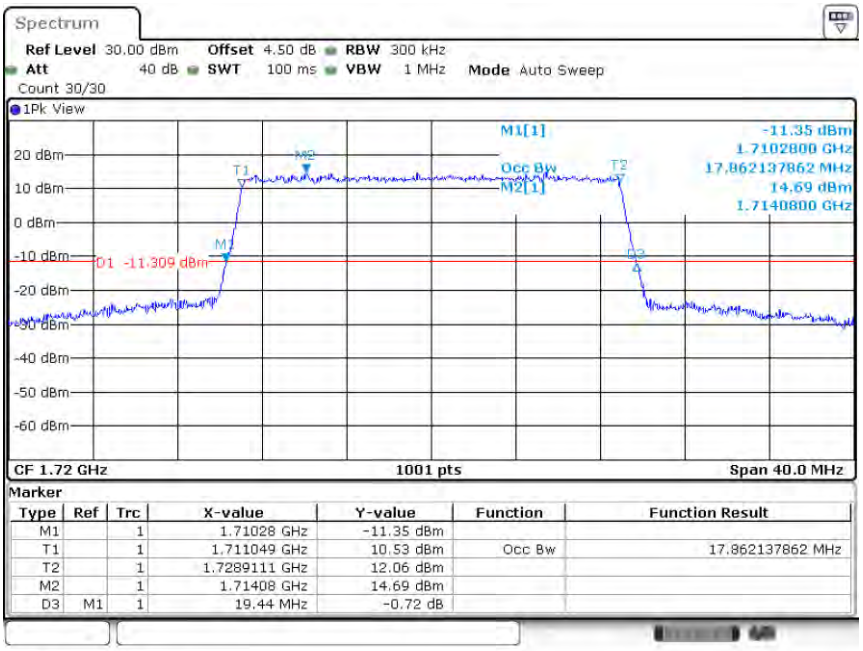
Band4-20MHz-64QAM-20050-100RB#0-17.862

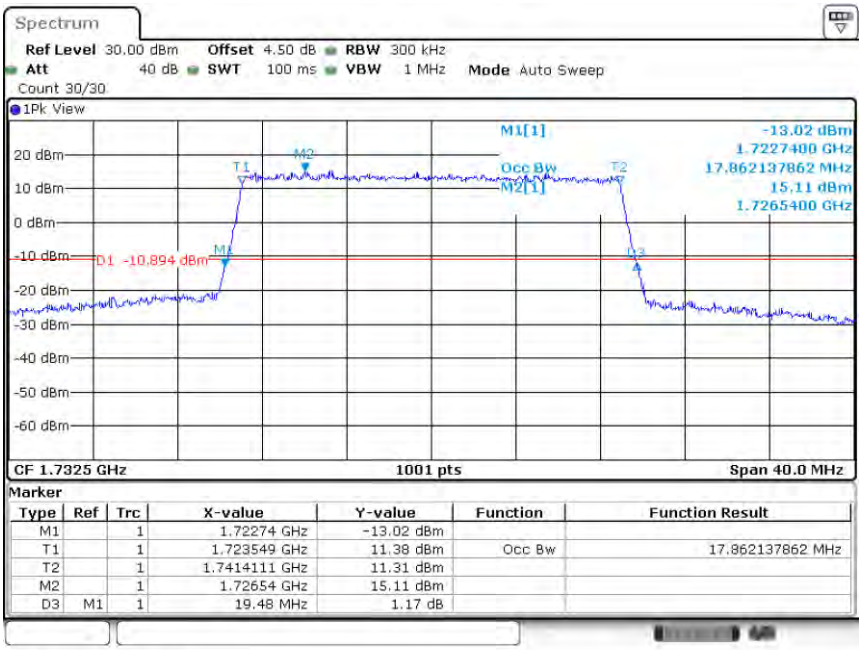



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.71028 GHz | -11.35 dBm | | |
| T1 | | 1 | 1.711049 GHz | 10.53 dBm | Occ Bw | 17.862137862 MHz |
| T2 | | 1 | 1.7289111 GHz | 12.06 dBm | | |
| M2 | | 1 | 1.71408 GHz | 14.69 dBm | | |
| D3 | M1 | 1 | 19.44 MHz | -0.72 dB | | |

Date: 3.SEP.2020 23:57:04

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




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 1.72274 GHz | -13.02 dBm | | |
| T1 | | 1 | 1.723549 GHz | 11.38 dBm | Occ Bw | 17.862137862 MHz |
| T2 | | 1 | 1.7414111 GHz | 11.31 dBm | | |
| M2 | | 1 | 1.72654 GHz | 15.11 dBm | | |
| D3 | M1 | 1 | 19.48 MHz | 1.17 dB | | |

Date: 3.SEP.2020 23:57:18

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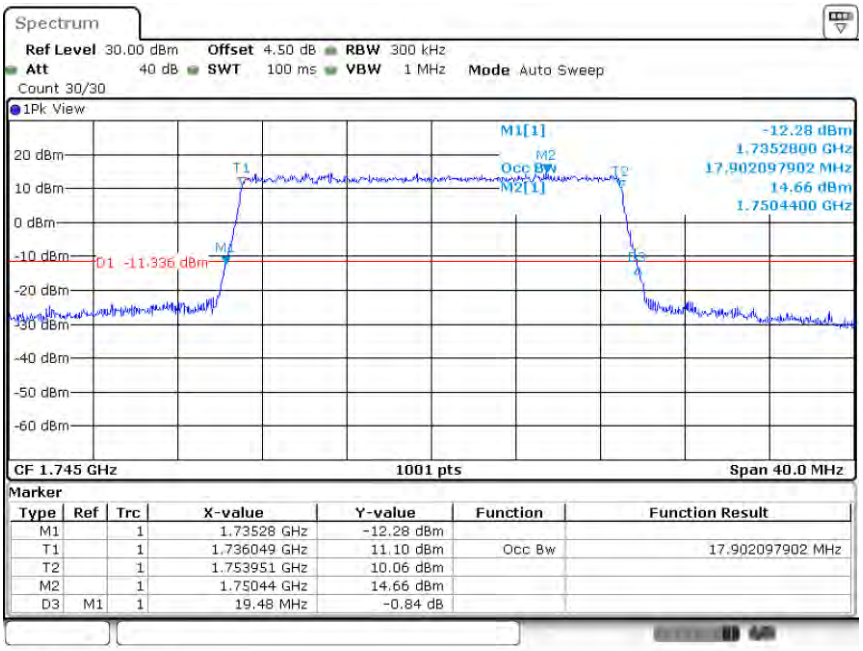
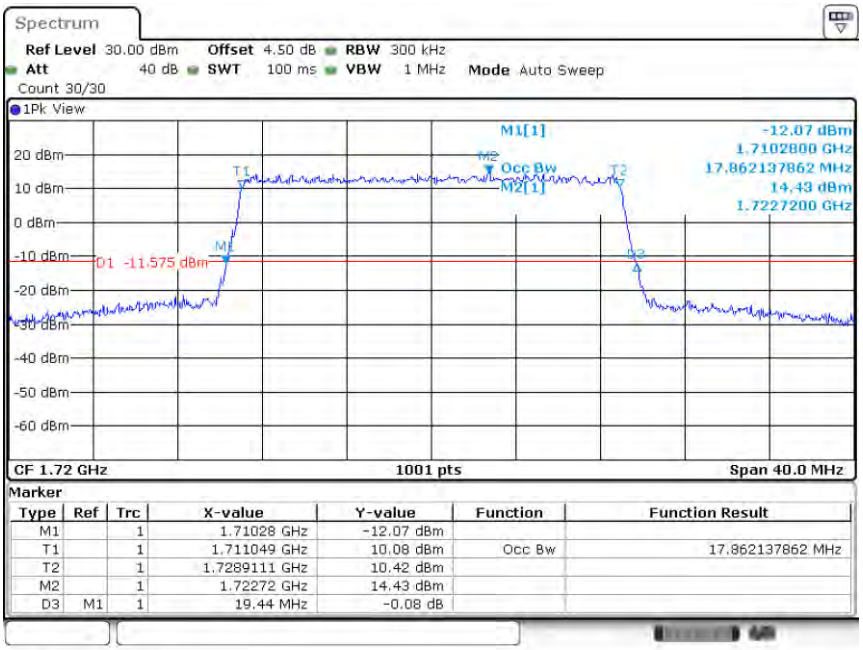
Band4-20MHz-64QAM-20300-100RB#0-17.902




Date: 3.SEP.2020 23:57:31

Band4-20MHz-16QAM-20050-100RB#0-17.862

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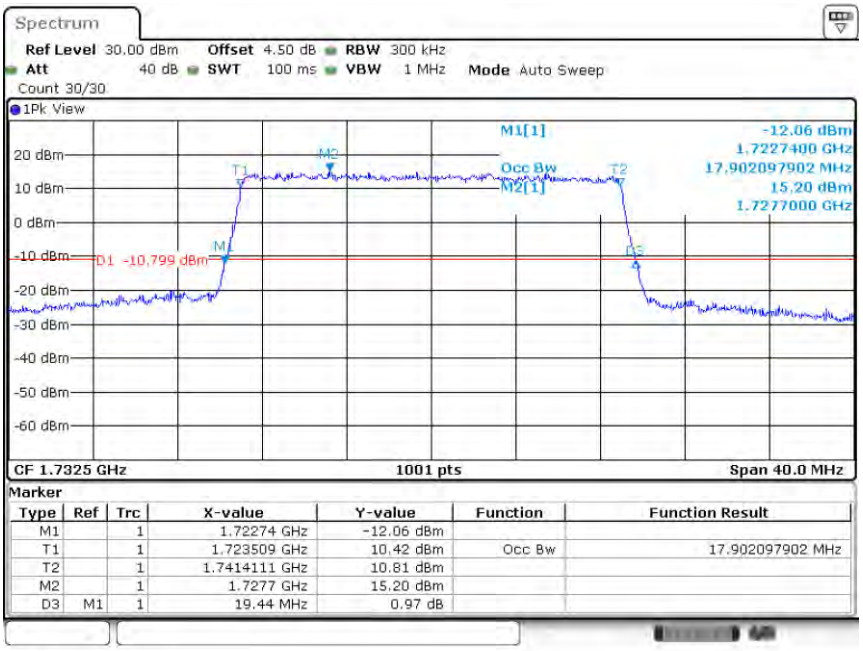


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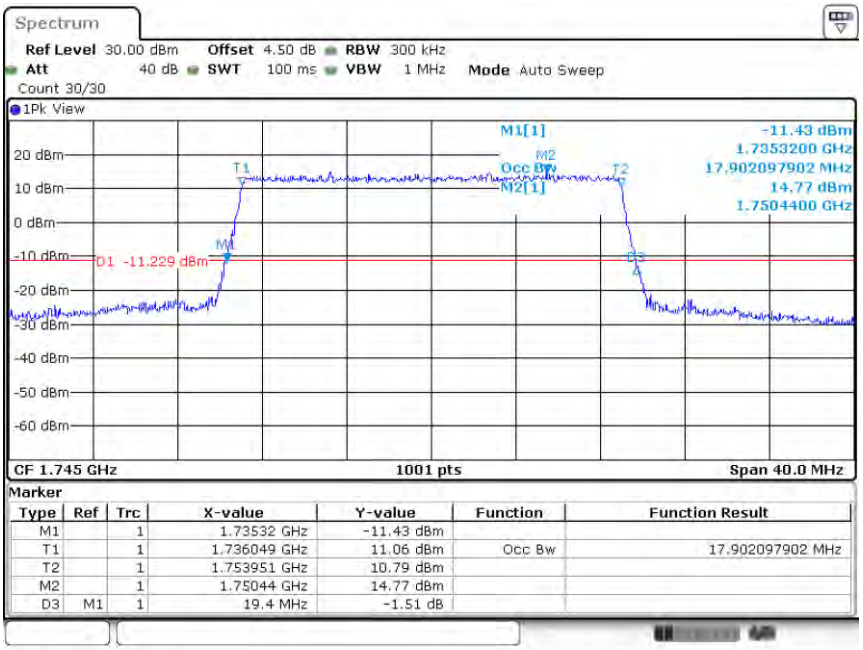
Band4-20MHz-16QAM-20300-100RB#0-17.902

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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 | -23.44 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | -28.10 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | -24.54 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | -28.03 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 1RB#0 | -24.30 | PASS |
| Band4 | 1.4MHz | 64QAM | 19957 | 6RB#0 | -29.86 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 1RB#5 | -25.13 | PASS |
| Band4 | 1.4MHz | 64QAM | 20393 | 6RB#0 | -28.33 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | -23.26 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | -28.73 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | -24.78 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | -27.83 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | -21.70 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | -30.10 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#14 | -23.57 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | -28.46 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 1RB#0 | -22.37 | PASS |
| Band4 | 3MHz | 64QAM | 19965 | 15RB#0 | -30.99 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 1RB#14 | -23.92 | PASS |
| Band4 | 3MHz | 64QAM | 20385 | 15RB#0 | -31.06 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | -22.35 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | -30.97 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | -24.84 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | -30.30 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | -22.75 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | -30.73 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#24 | -23.13 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | -29.03 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 1RB#0 | -23.37 | PASS |
| Band4 | 5MHz | 64QAM | 19975 | 25RB#0 | -31.64 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 1RB#24 | -23.44 | PASS |
| Band4 | 5MHz | 64QAM | 20375 | 25RB#0 | -30.71 | PASS |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | -23.56 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | -30.86 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24 | -23.18 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | -29.88 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | -31.78 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | -34.78 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#49 | -31.80 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | -32.91 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 1RB#0 | -32.75 | PASS |
| Band4 | 10MHz | 64QAM | 20000 | 50RB#0 | -35.29 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 1RB#49 | -32.65 | PASS |
| Band4 | 10MHz | 64QAM | 20350 | 50RB#0 | -33.11 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | -32.83 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | -35.42 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49 | -32.80 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | -33.32 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | -27.20 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | -34.24 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#74 | -26.52 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | -33.64 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 1RB#0 | -27.96 | PASS |
| Band4 | 15MHz | 64QAM | 20025 | 75RB#0 | -35.75 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 1RB#74 | -25.66 | PASS |
| Band4 | 15MHz | 64QAM | 20325 | 75RB#0 | -33.86 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | -27.97 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | -35.67 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74 | -25.85 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | -33.93 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | -28.61 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | -33.96 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | -28.25 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | -34.20 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 1RB#0 | -29.23 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | -35.94 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 1RB#99 | -28.26 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | -34.98 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | -28.88 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -35.91 | PASS |

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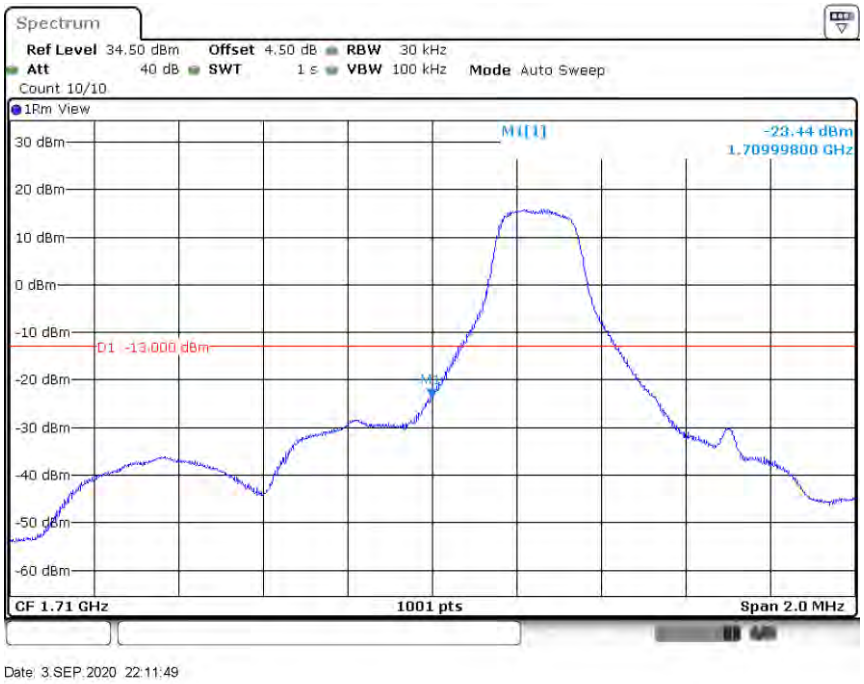
| | | | | | | |
|---|---|---|---|---|---|---|
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | -28.43 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -34.98 | PASS |

## 5.2. Test Plots

Band4-1.4MHz-QPSK-19957-1RB#0

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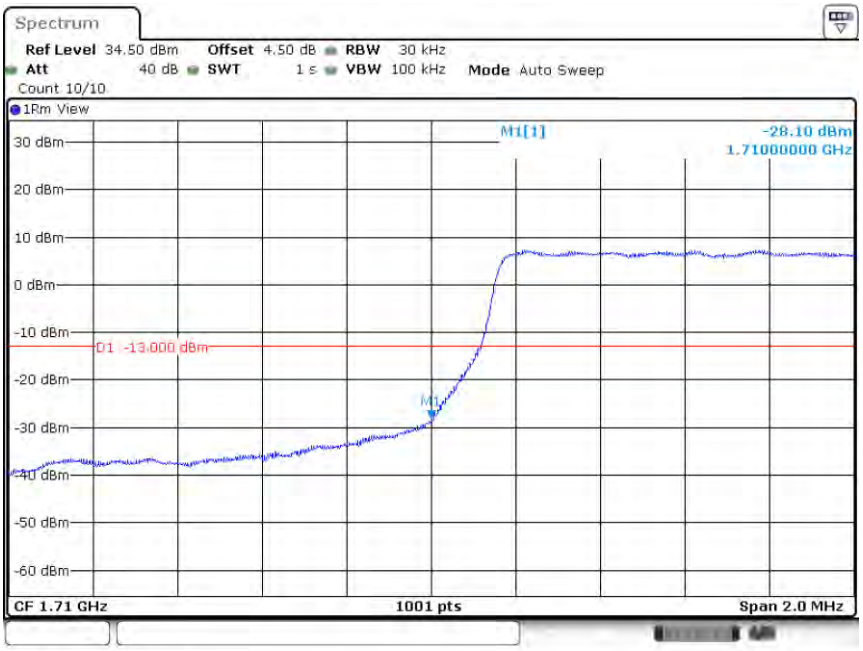
Band4-1.4MHz-QPSK-19957-6RB#0

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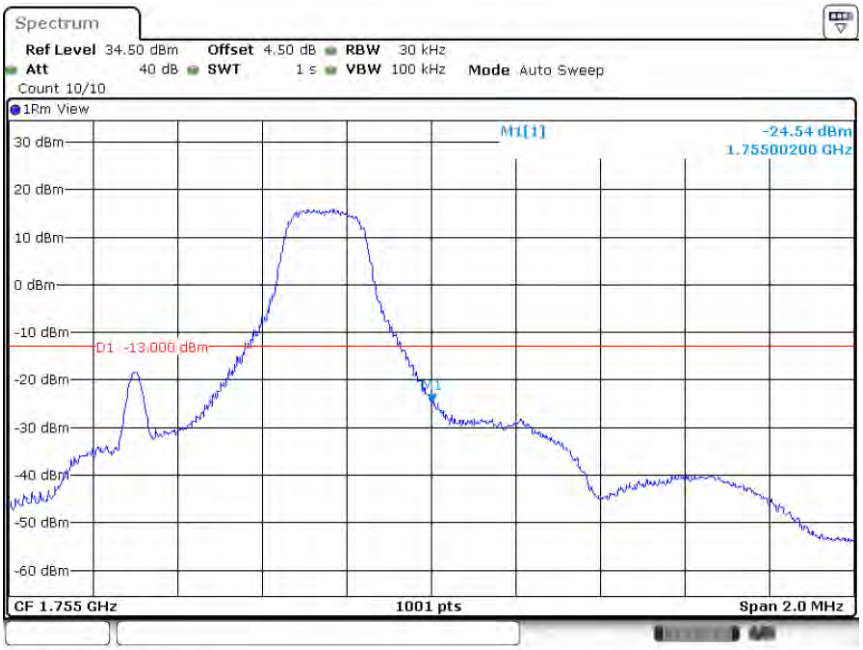
Band4-1.4MHz-QPSK-20393-1RB#5




Date: 3.SEP.2020 22:13:19

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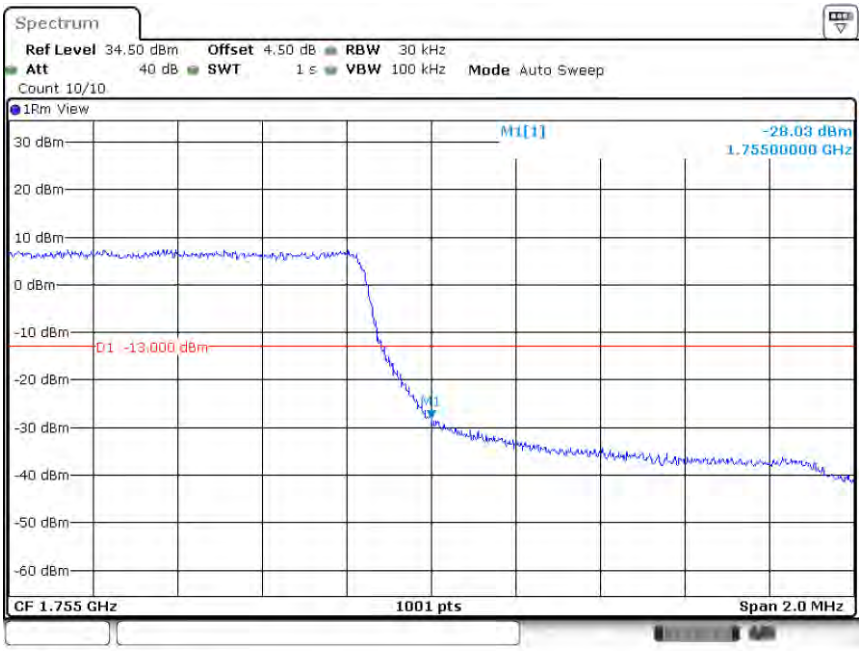
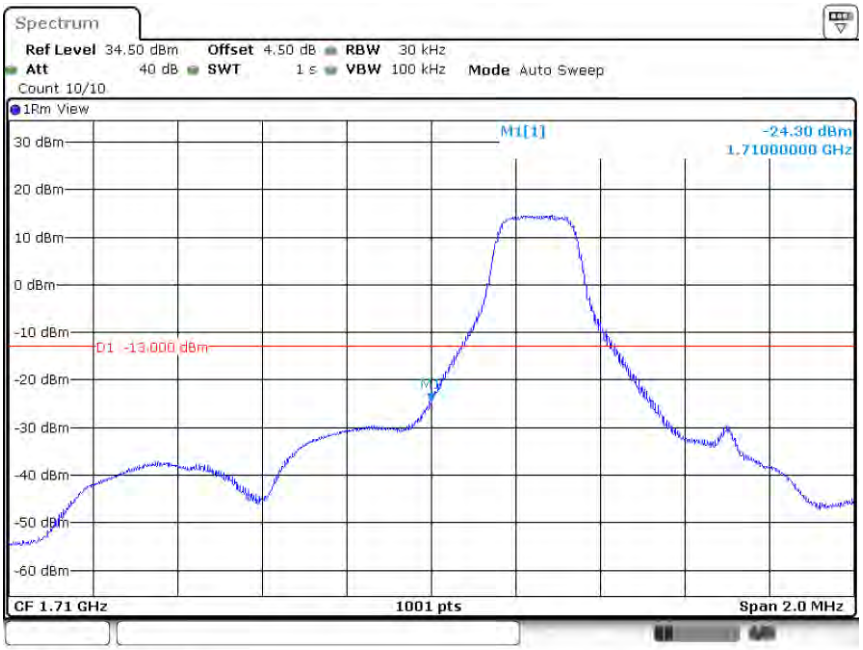
Band4-1.4MHz-QPSK-20393-6RB#0




Date: 3.SEP.2020 22:14:01

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




Date: 3.SEP.2020 23:57:56

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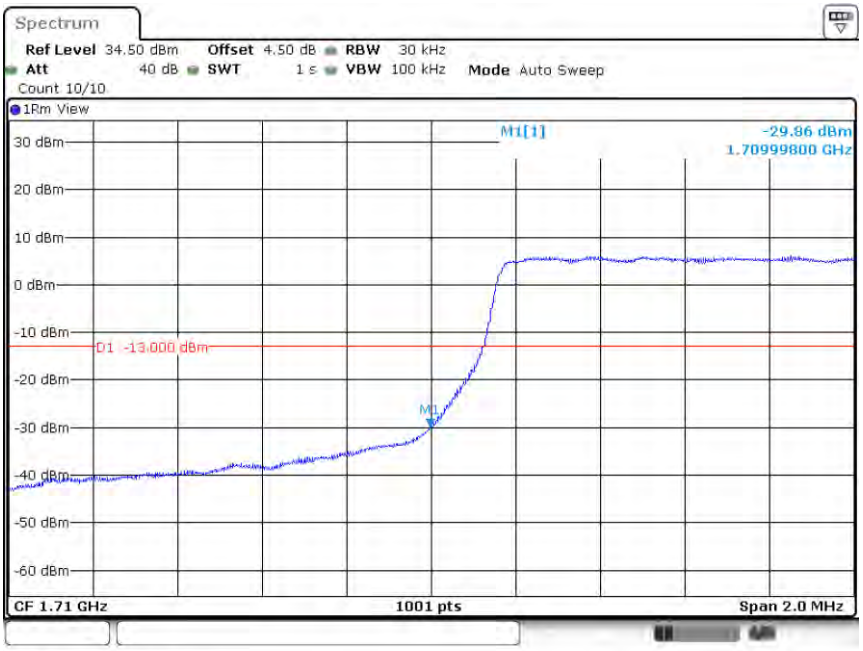
Band4-1.4MHz-64QAM-19957-6RB#0

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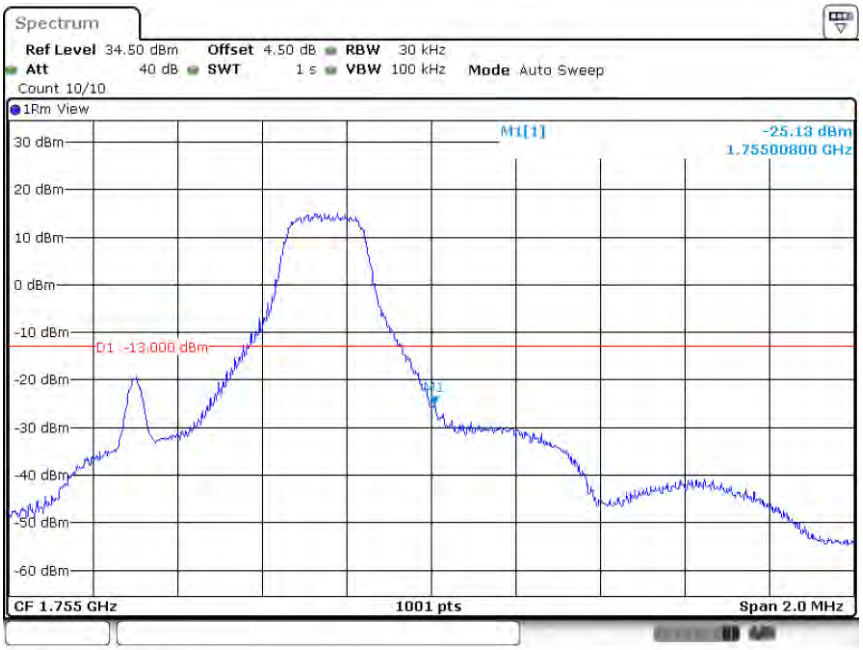
Band4-1.4MHz-64QAM-20393-1RB#5




Date: 3.SEP.2020 23:58:42

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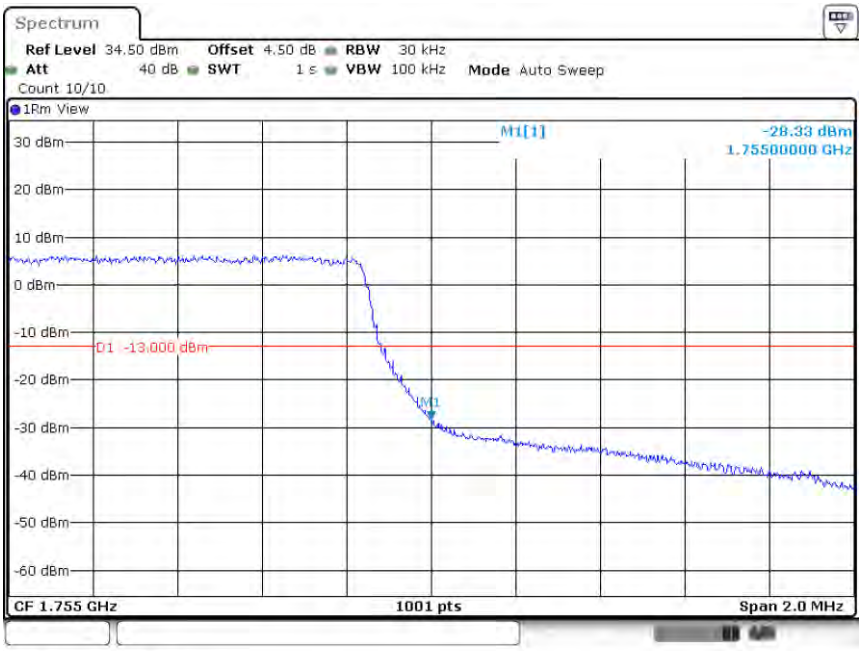
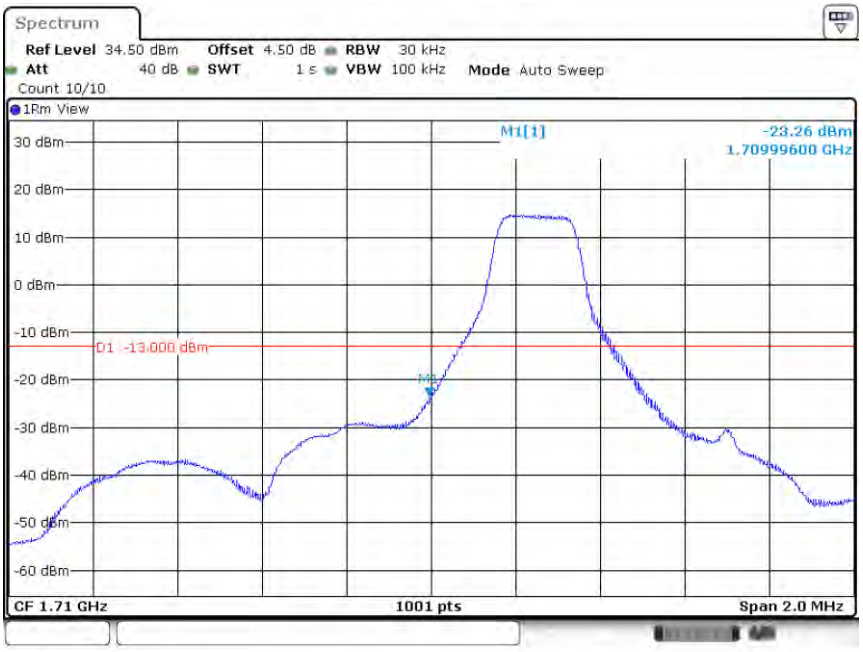
Band4-1.4MHz-64QAM-20393-6RB#0




Date: 3.SEP.2020 23:59:02

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




Date: 3.SEP.2020 22:12:13

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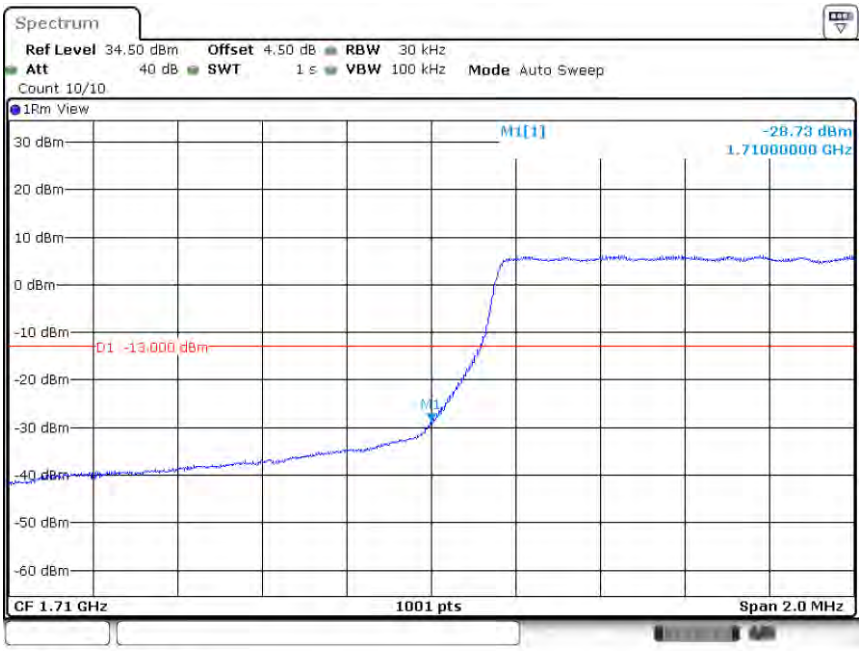
Band4-1.4MHz-16QAM-19957-6RB#0

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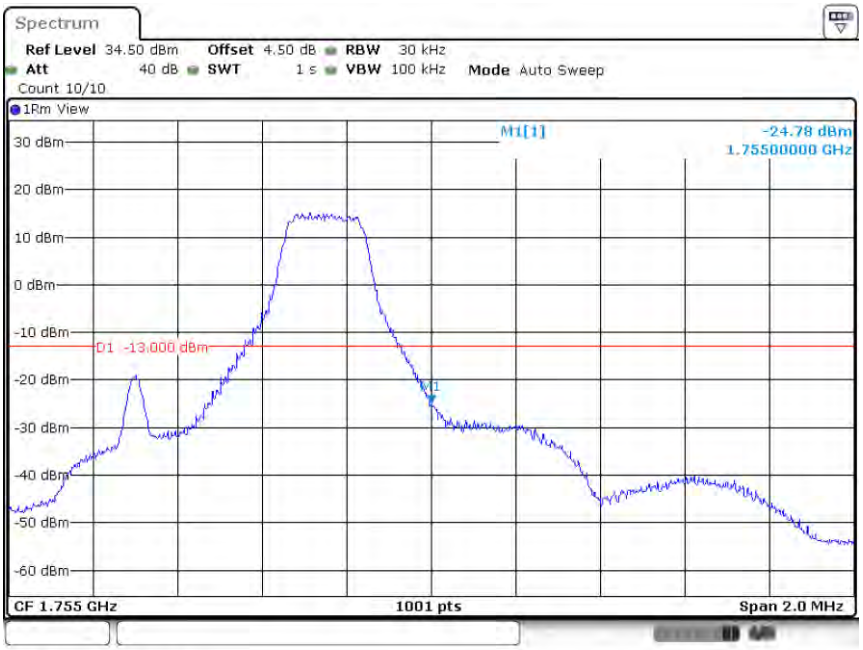
Band4-1.4MHz-16QAM-20393-1RB#5

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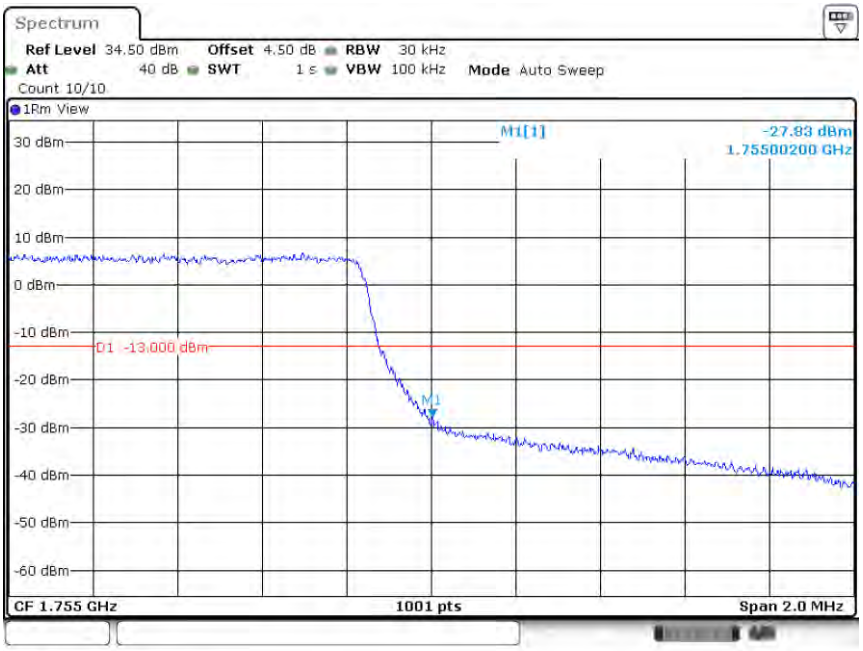
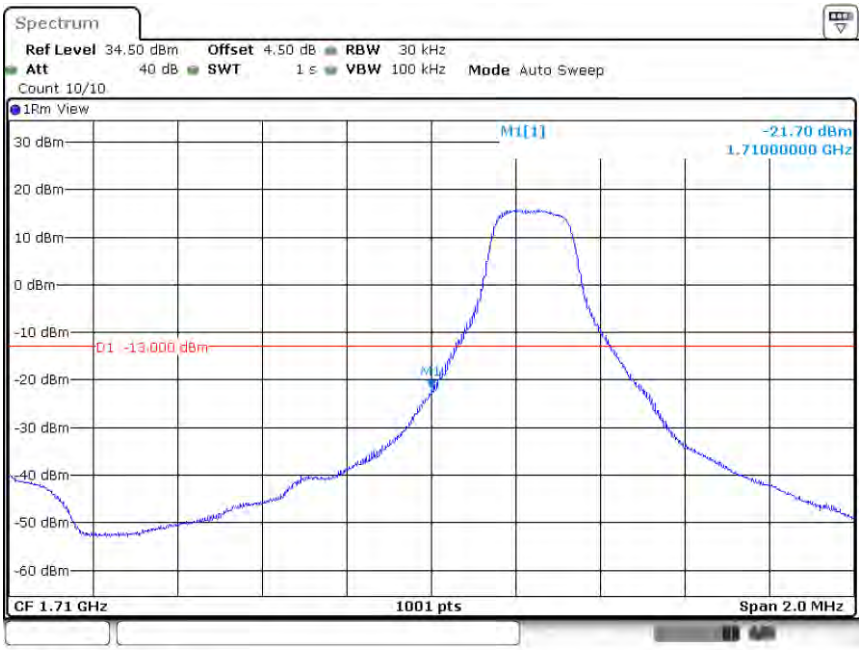



Date: 3.SEP.2020 22:14:21

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

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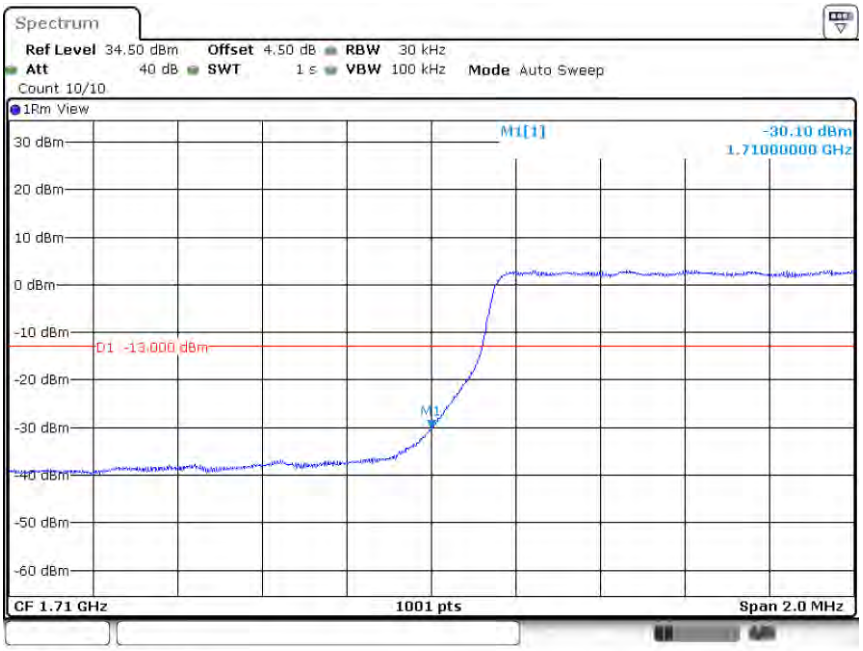
Band4-3MHz-QPSK-19965-15RB#0

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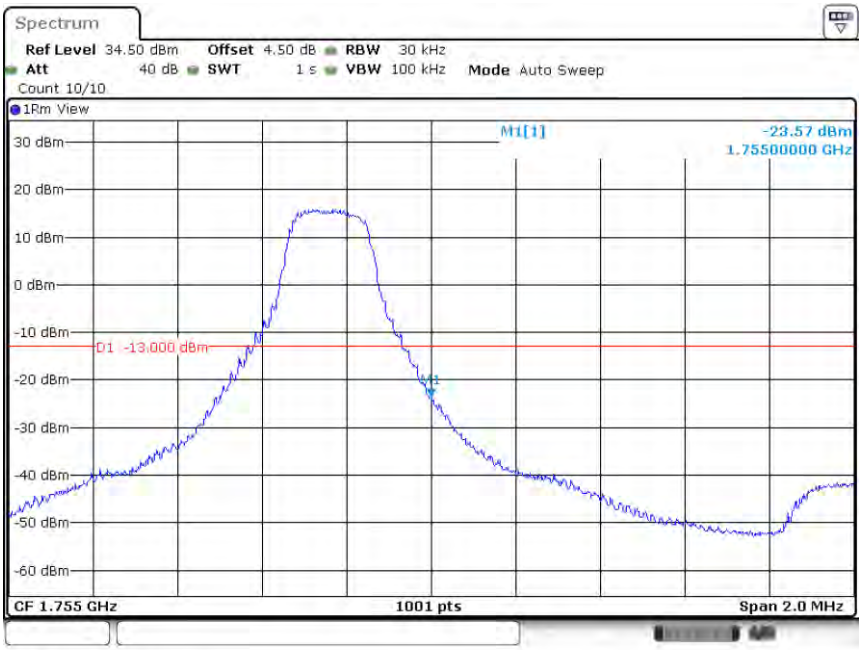
Band4-3MHz-QPSK-20385-1RB#14




Date: 3.SEP.2020 22:16:14

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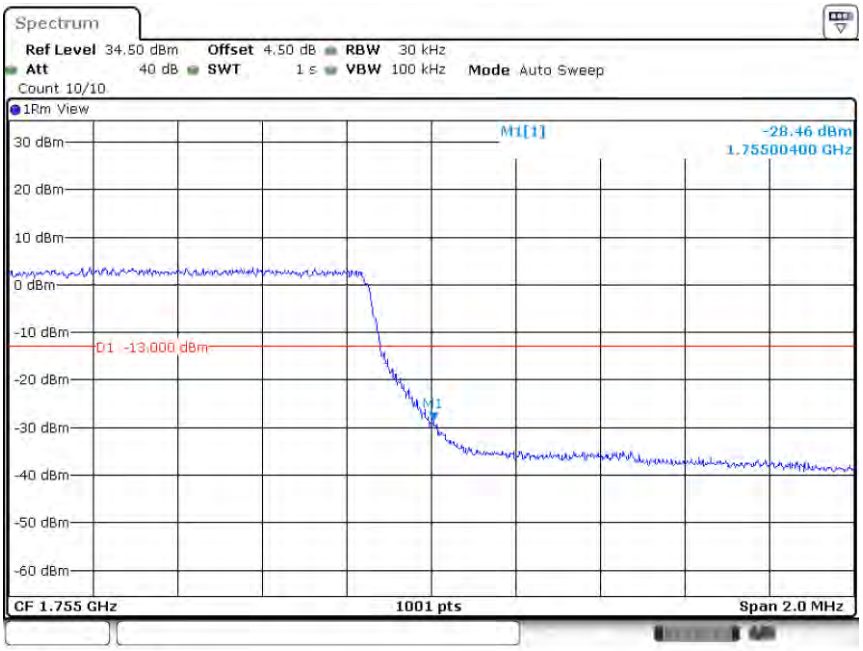
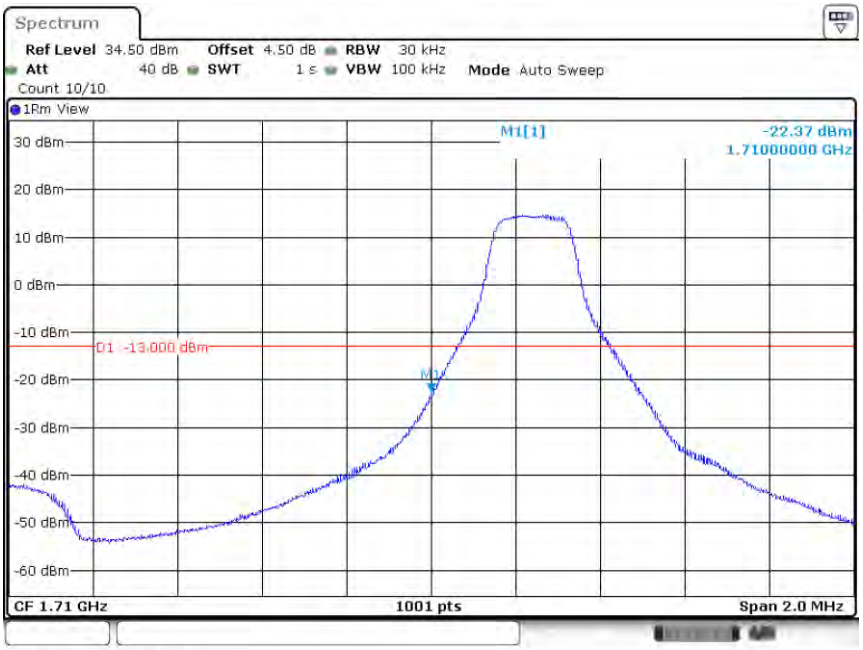
Band4-3MHz-QPSK-20385-15RB#0




Date: 3.SEP.2020 22:16:55

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




Date: 3.SEP.2020 23:59:28

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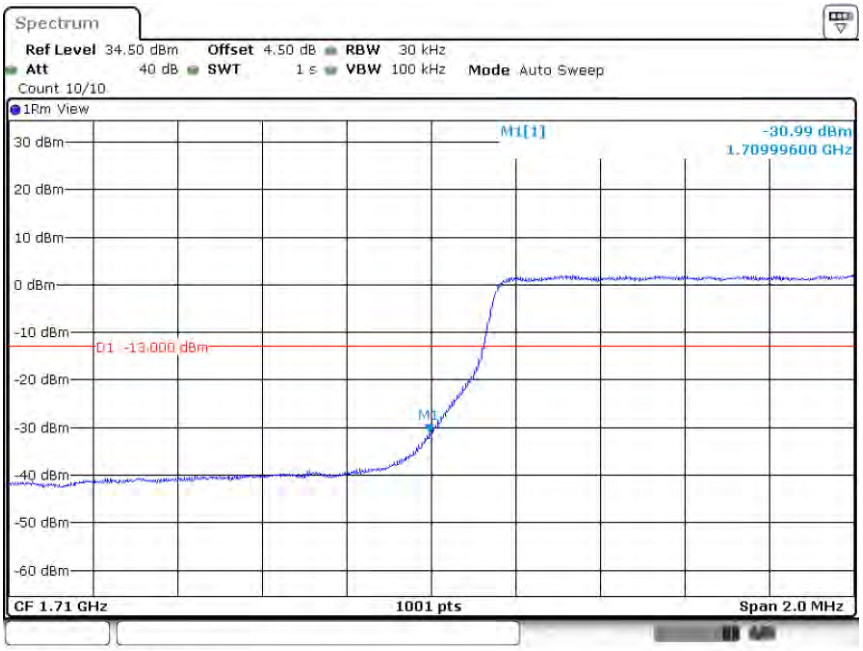
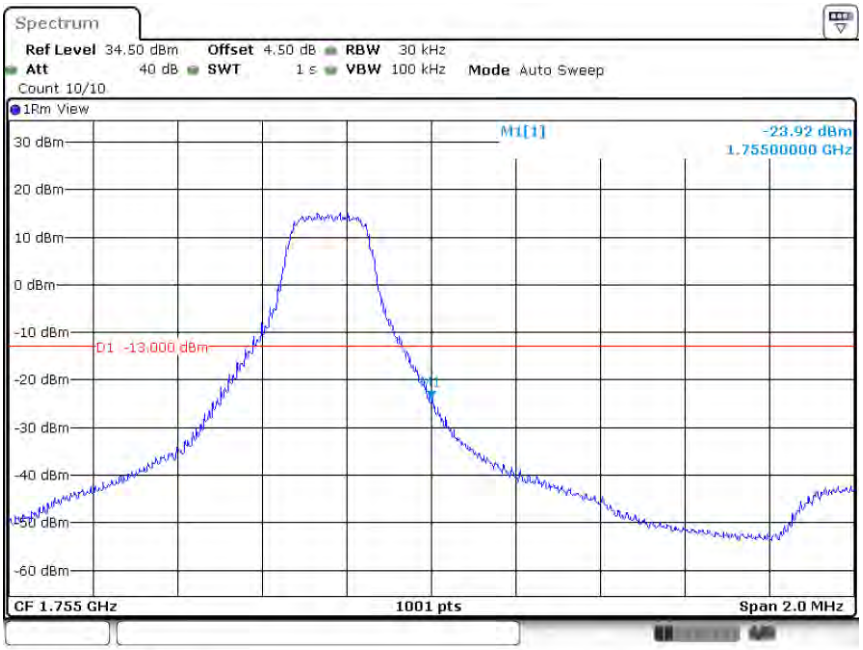
Band4-3MHz-64QAM-19965-15RB#0




Date: 3.SEP.2020 23:59:49

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




Date: 4.SEP.2020 00:00:14

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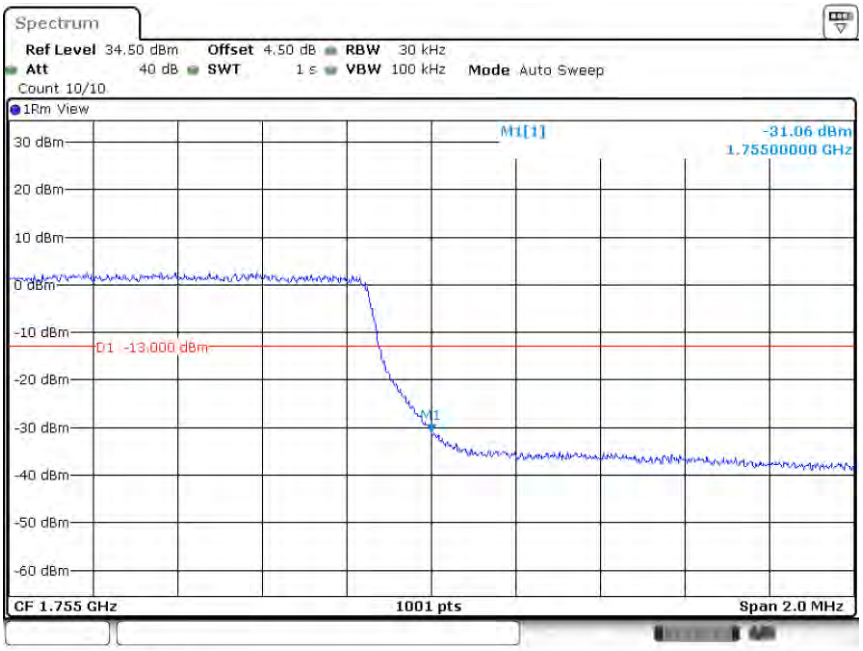
Band4-3MHz-64QAM-20385-15RB#0




Date: 4.SEP.2020 00:00:35

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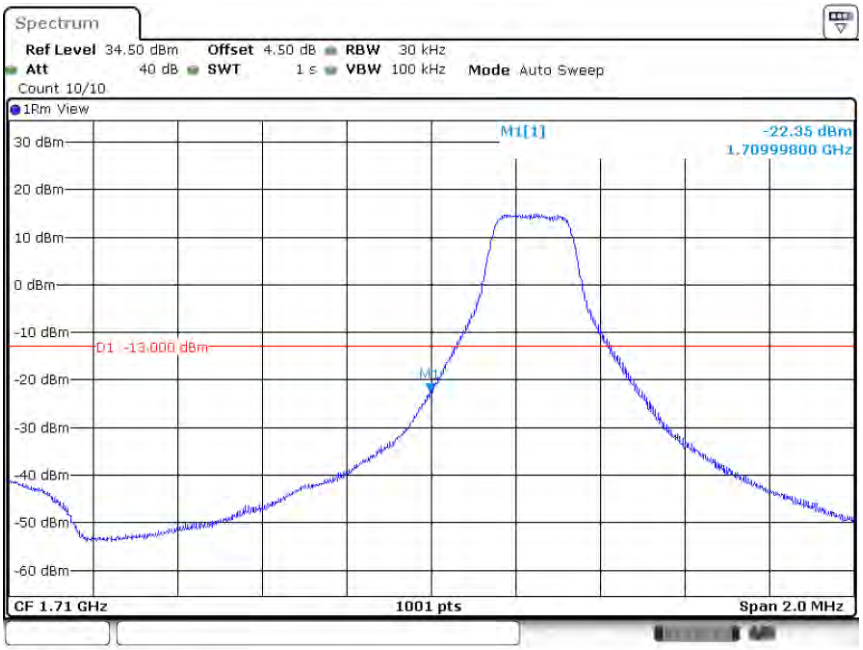


Date: 3.SEP.2020 22:15:08

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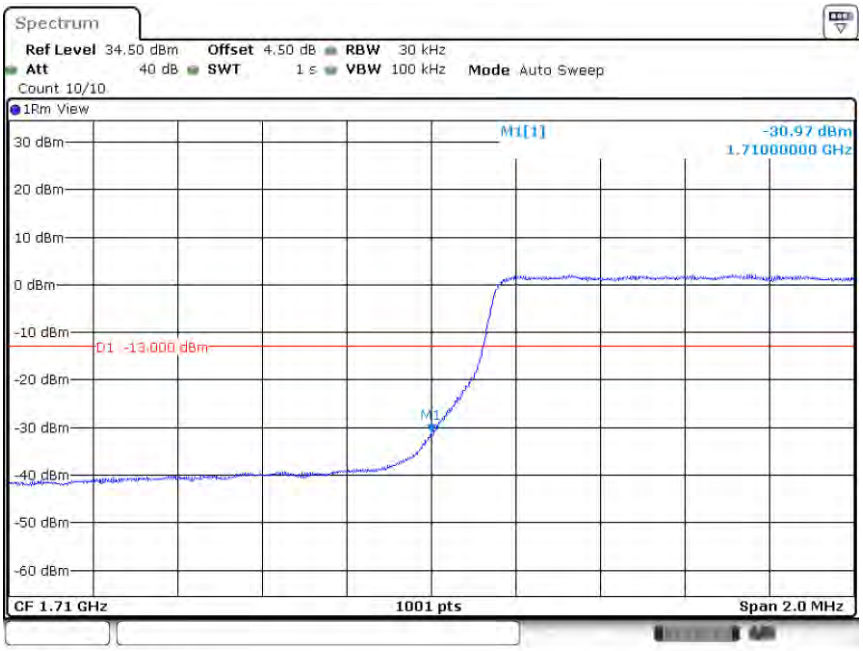
Band4-3MHz-16QAM-19965-15RB#0

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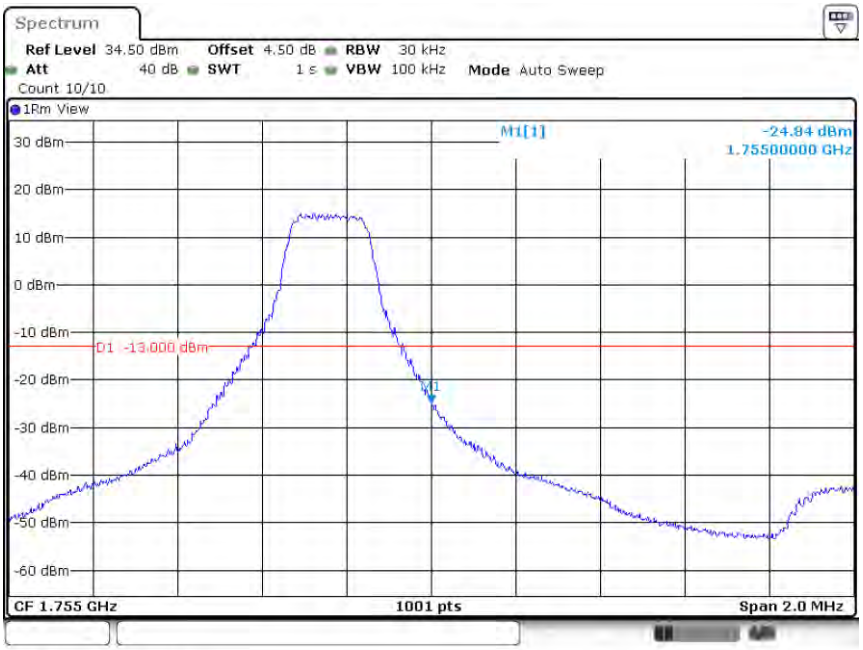
Band4-3MHz-16QAM-20385-1RB#14

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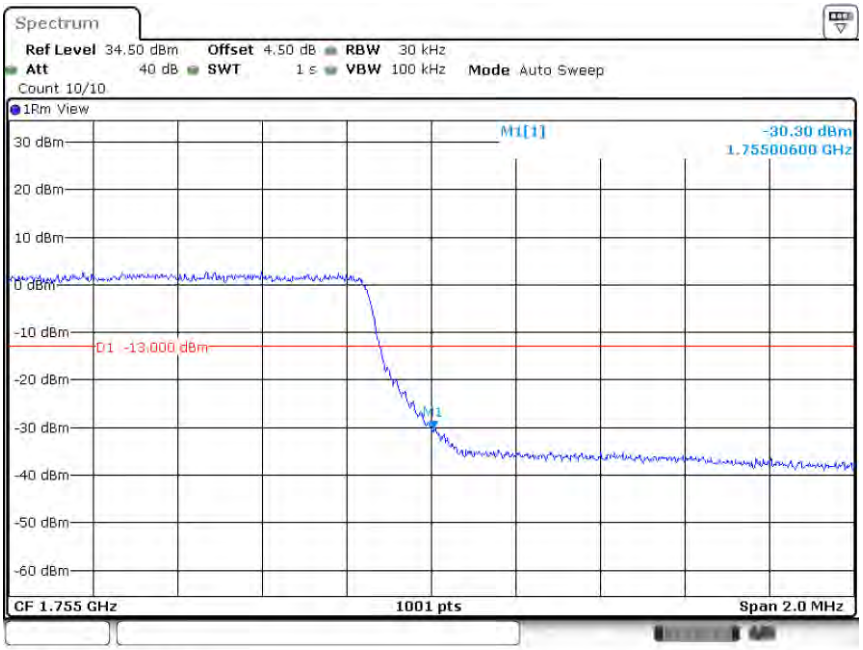
Band4-3MHz-16QAM-20385-15RB#0

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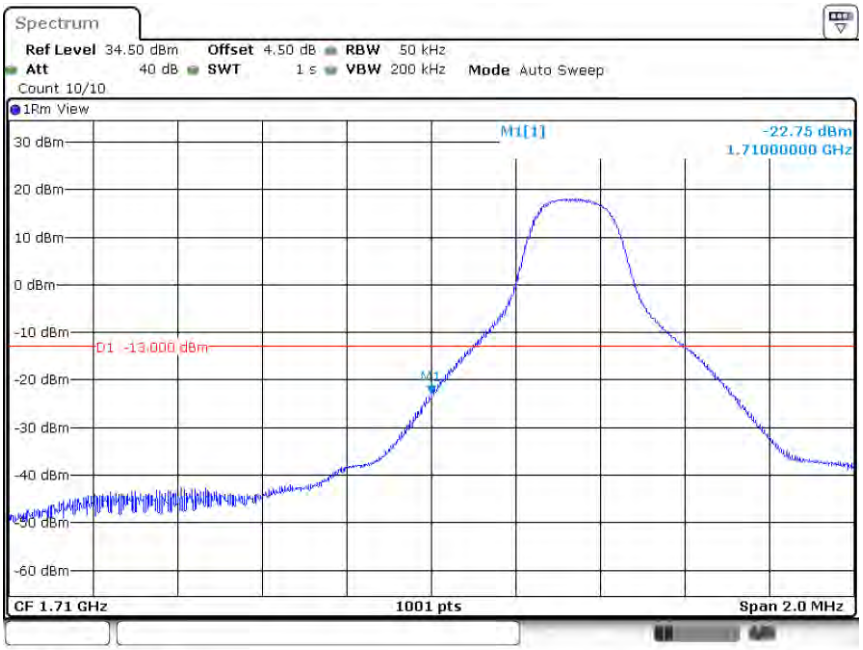


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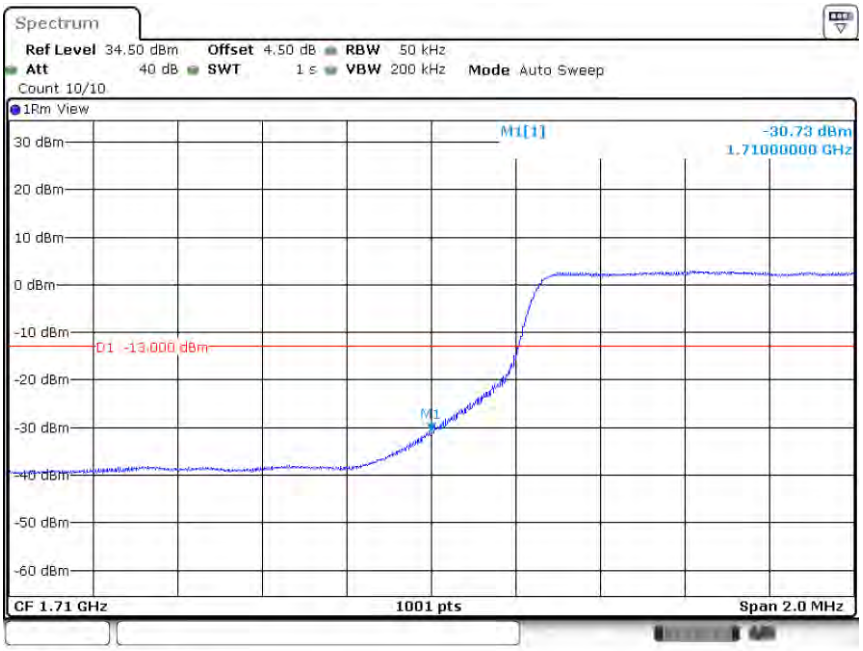
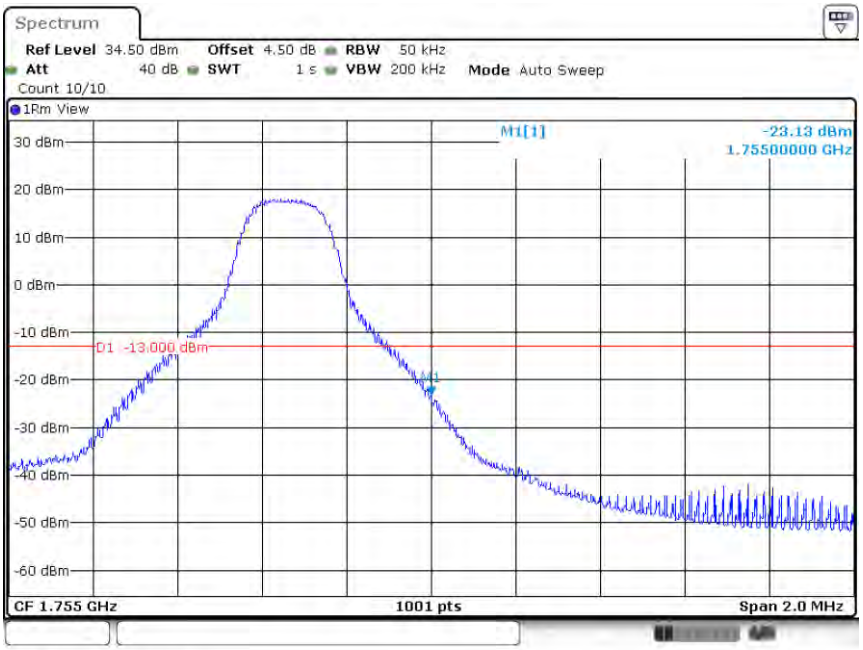



Date: 3.SEP.2020 22:18:23

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

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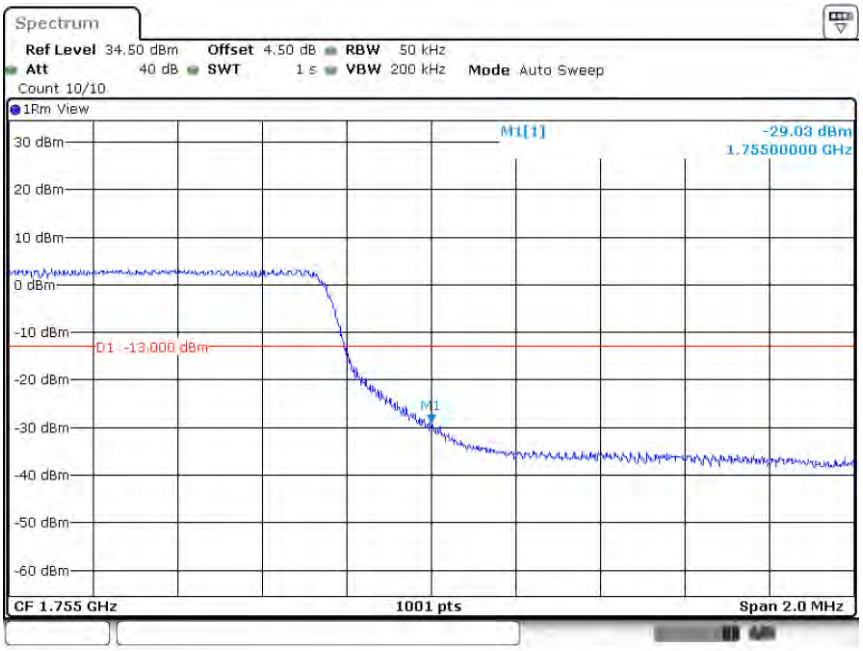
Band4-5MHz-QPSK-20375-25RB#0

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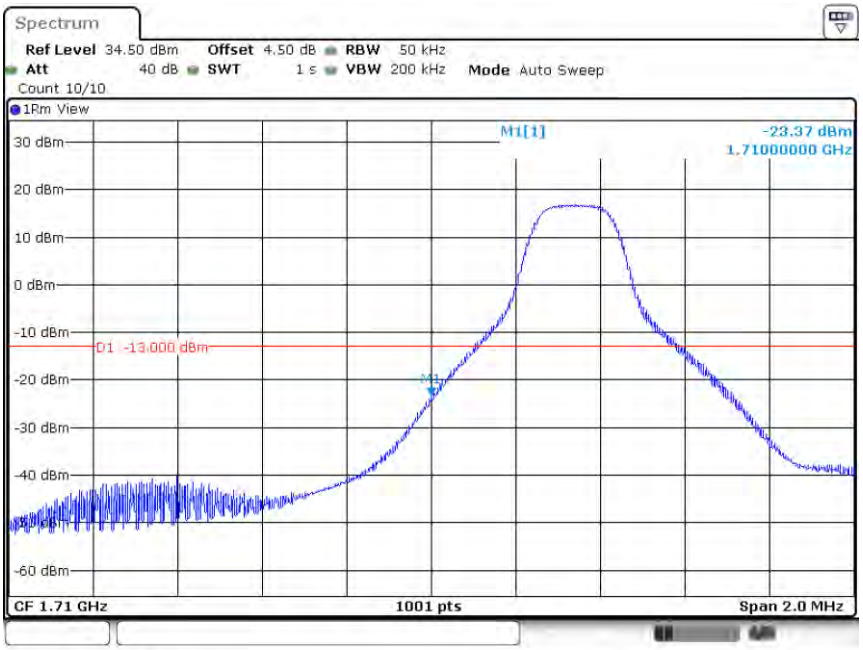


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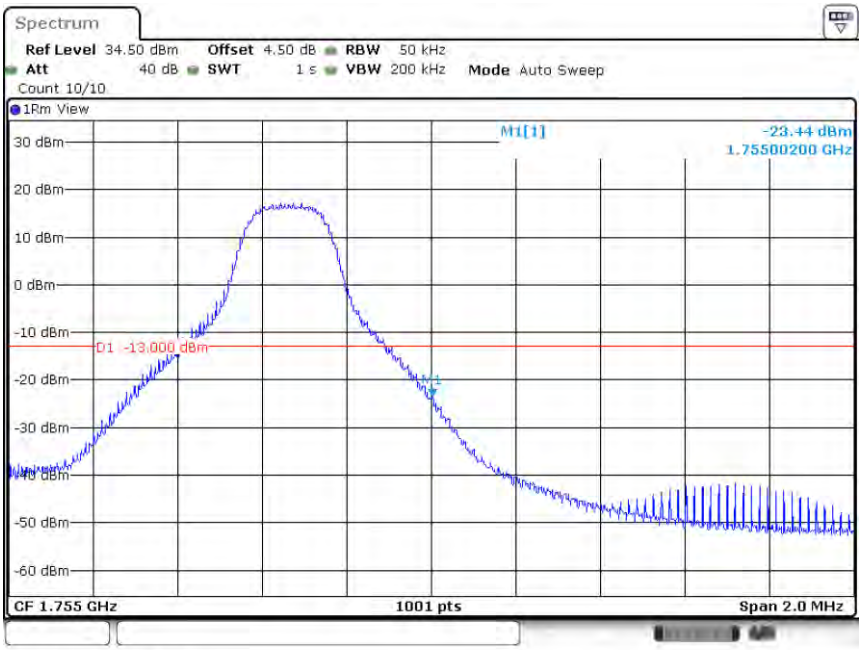
Band4-5MHz-64QAM-19975-25RB#0

Date: 4.SEP.2020 00:01:21

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

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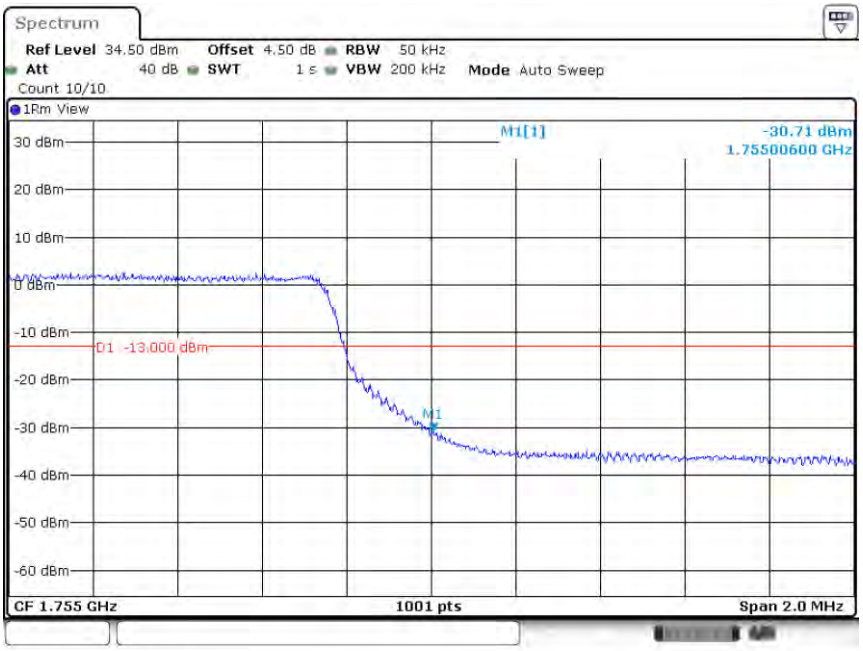
Band4-5MHz-64QAM-20375-25RB#0

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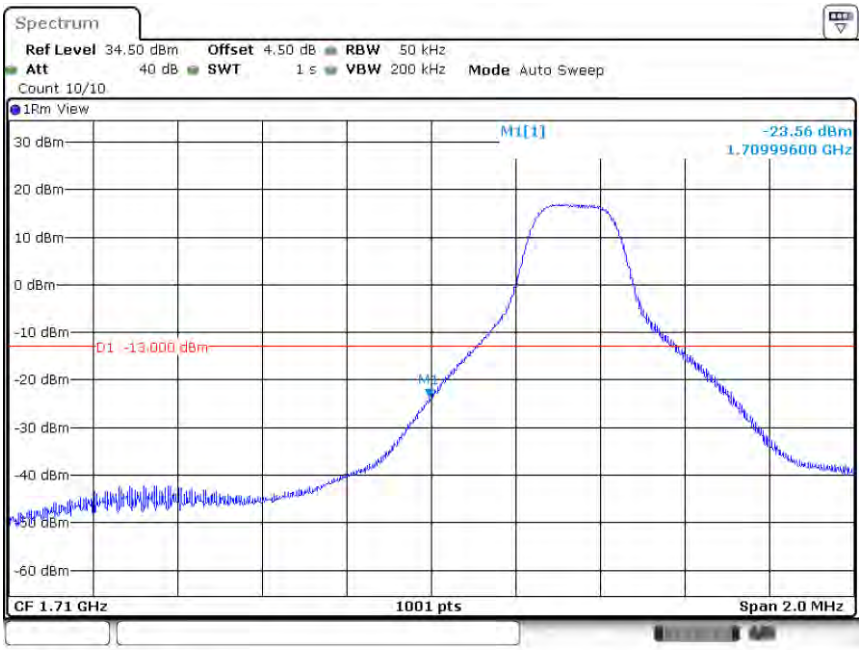


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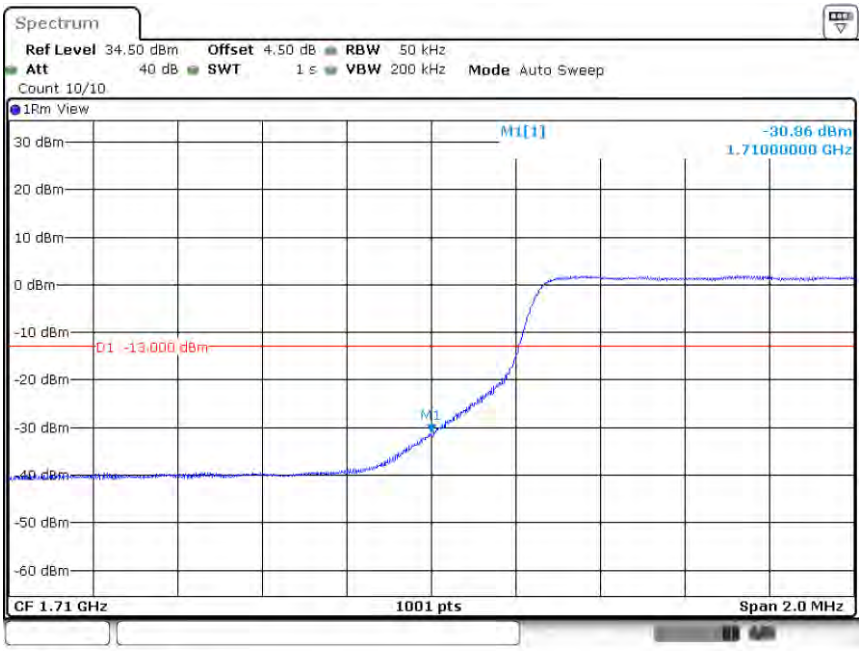


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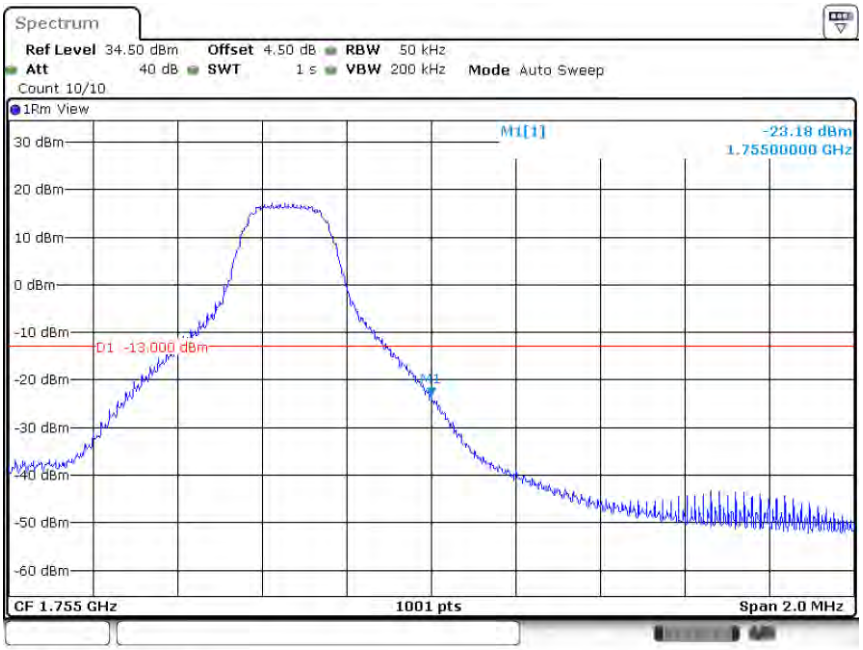


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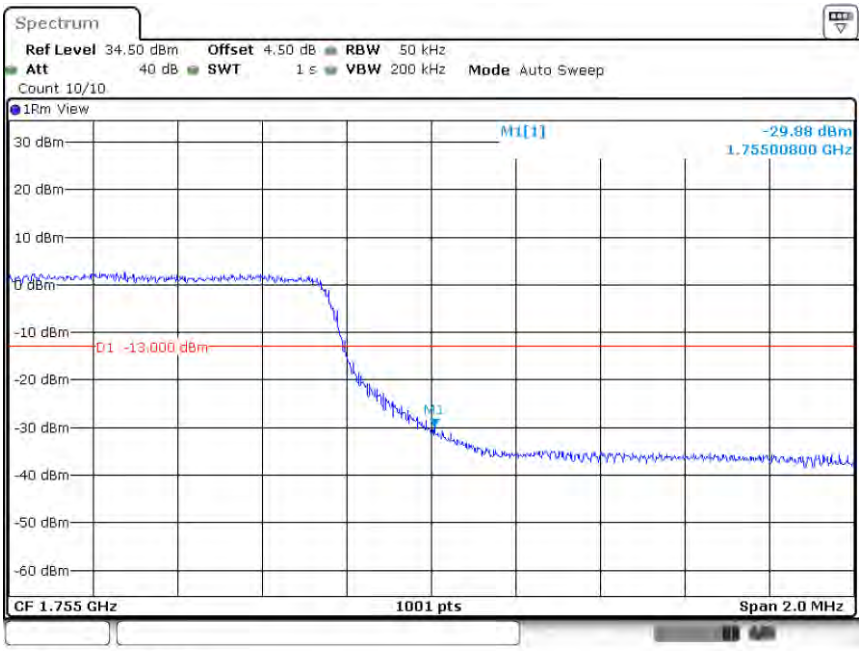
Band4-5MHz-16QAM-20375-25RB#0

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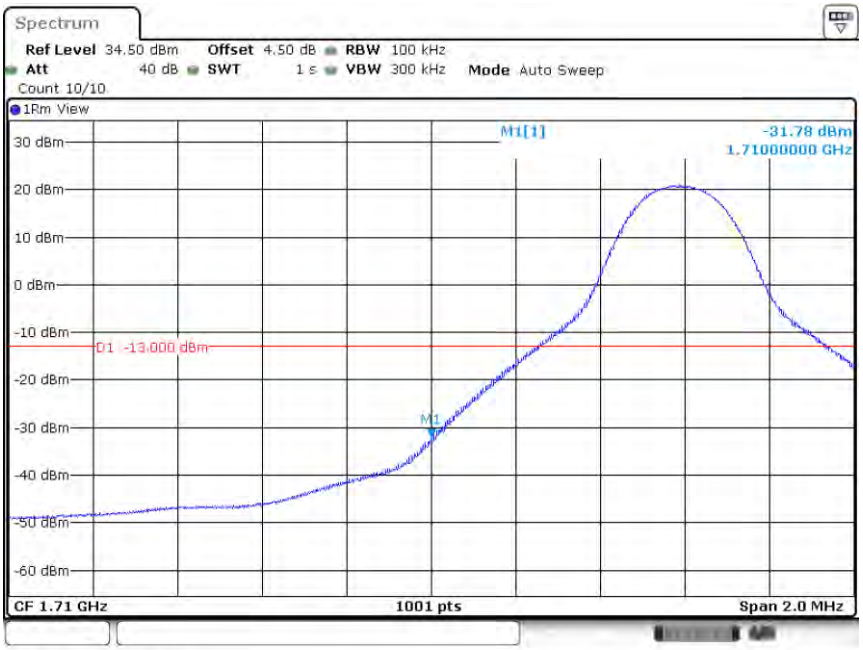
Band4-10MHz-QPSK-20000-1RB#0

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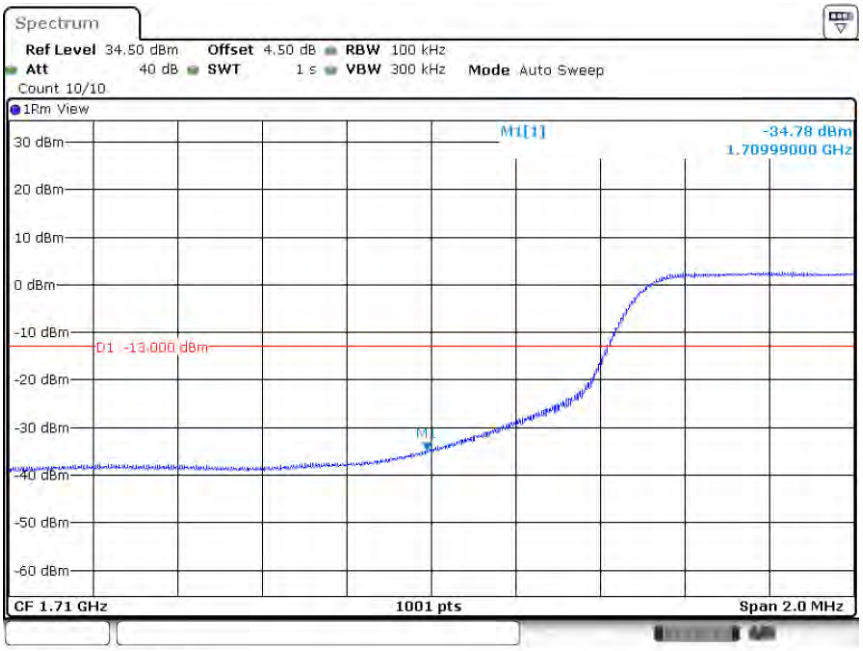
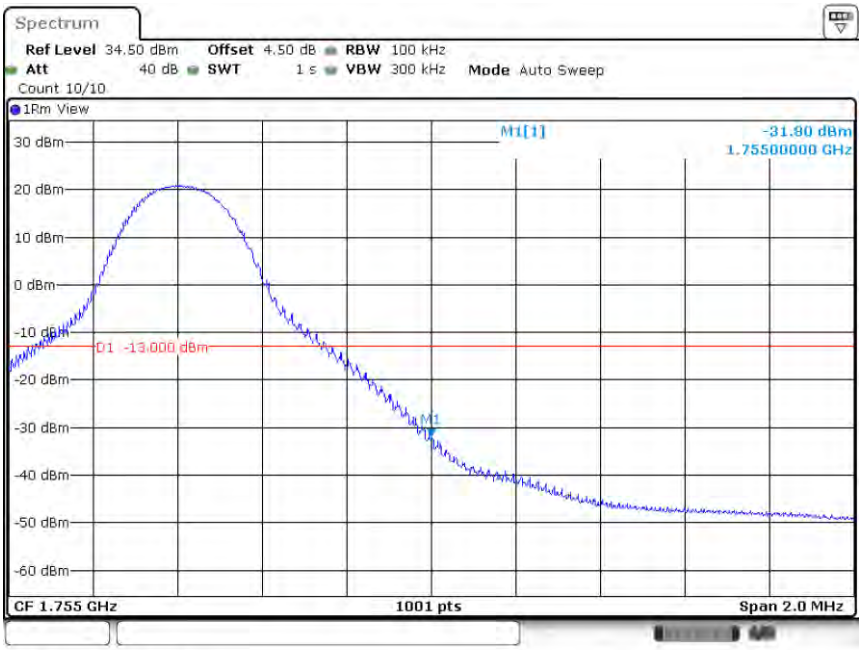
Band4-10MHz-QPSK-20000-50RB#0




Date: 3.SEP.2020 22:21:18

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

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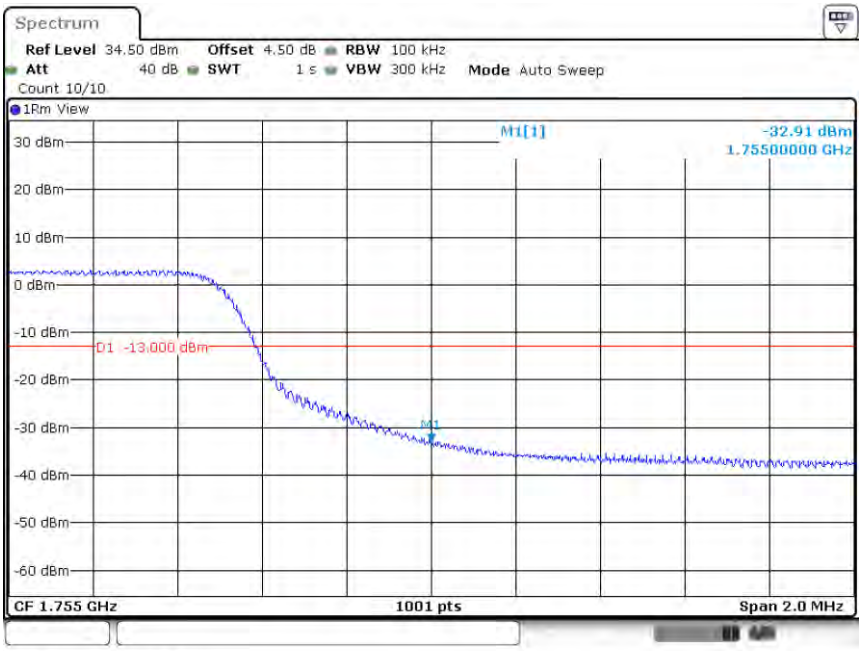
Band4-10MHz-QPSK-20350-50RB#0

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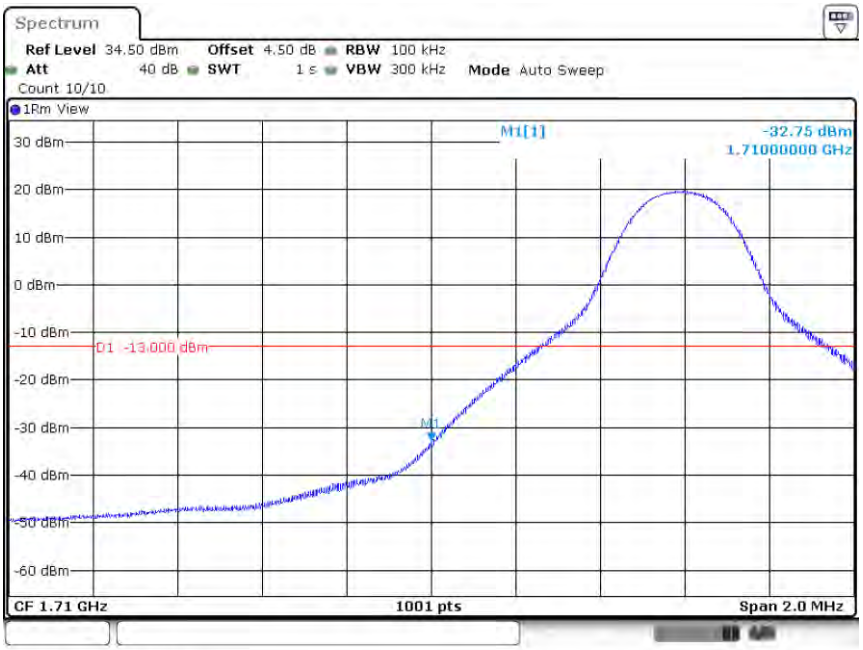


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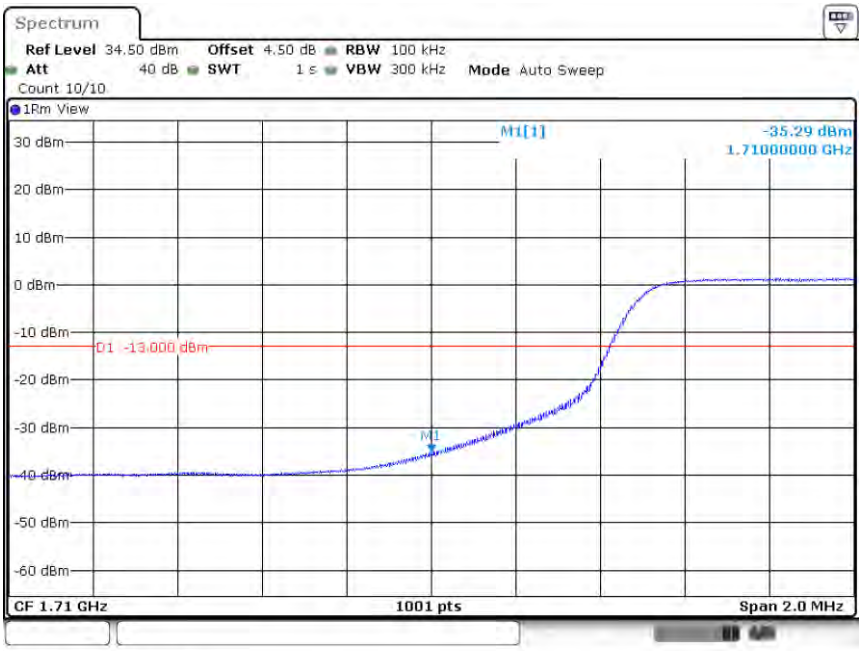
Band4-10MHz-64QAM-20000-50RB#0

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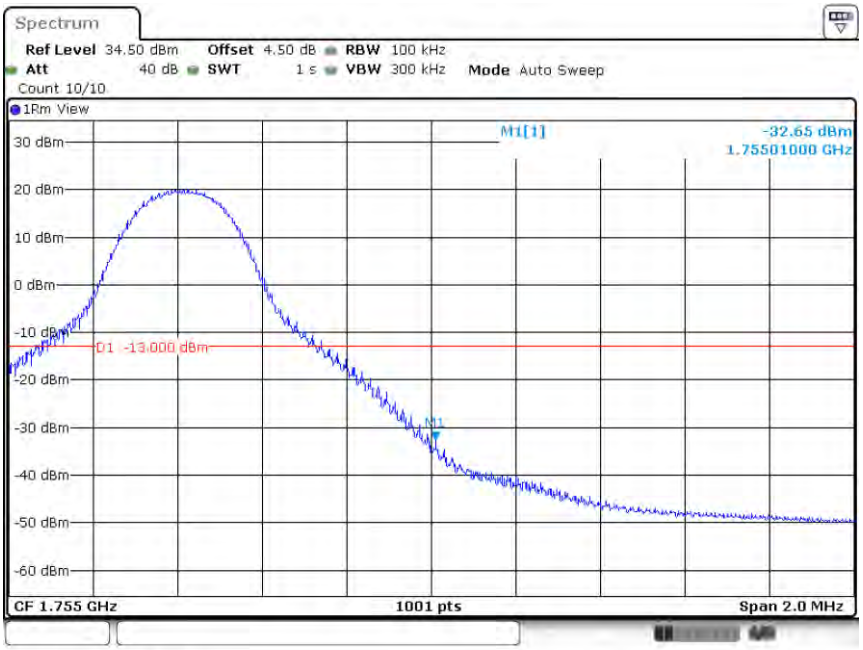
Band4-10MHz-64QAM-20350-1RB#49




Date: 4.SEP.2020 00:03:18

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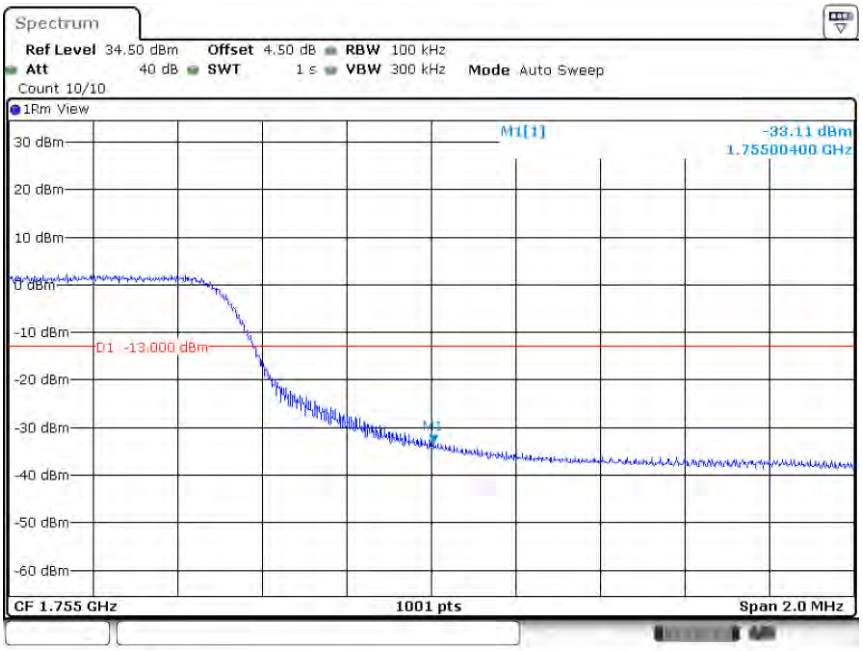
Band4-10MHz-64QAM-20350-50RB#0

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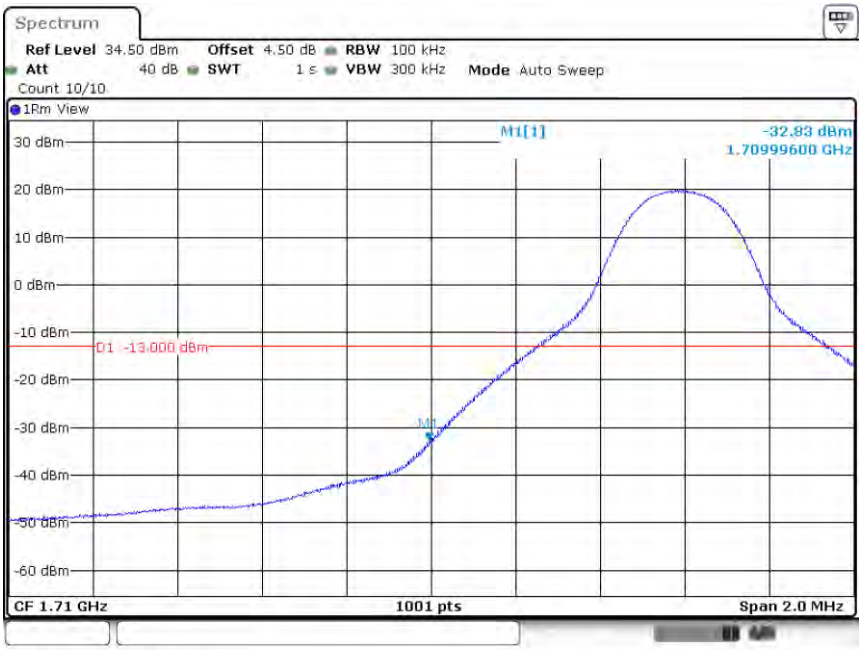


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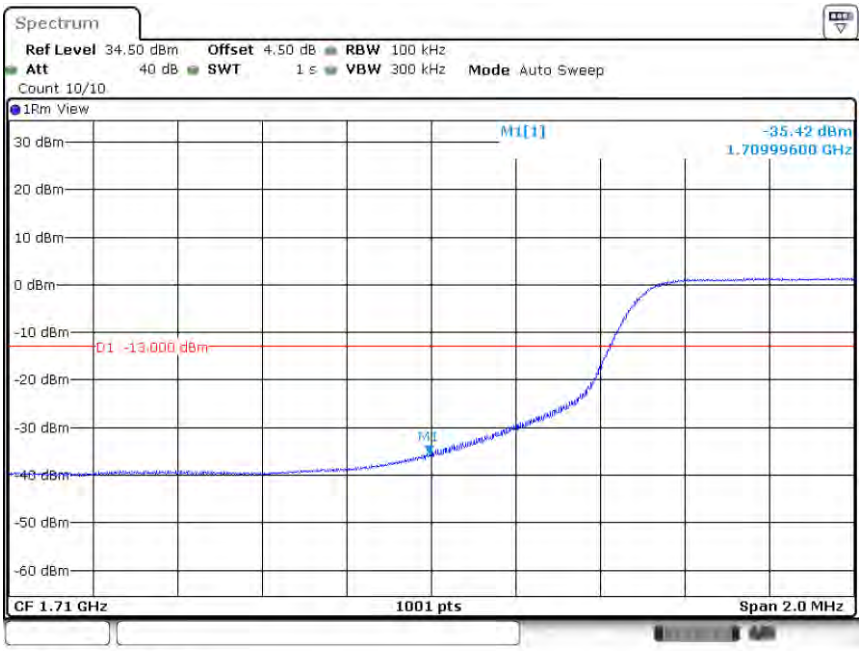


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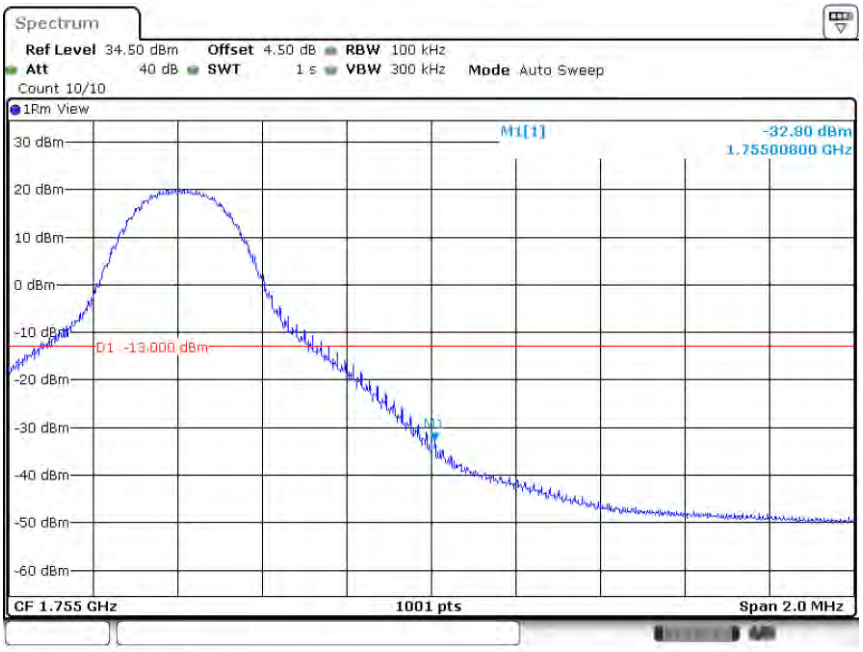
Band4-10MHz-16QAM-20350-1RB#49

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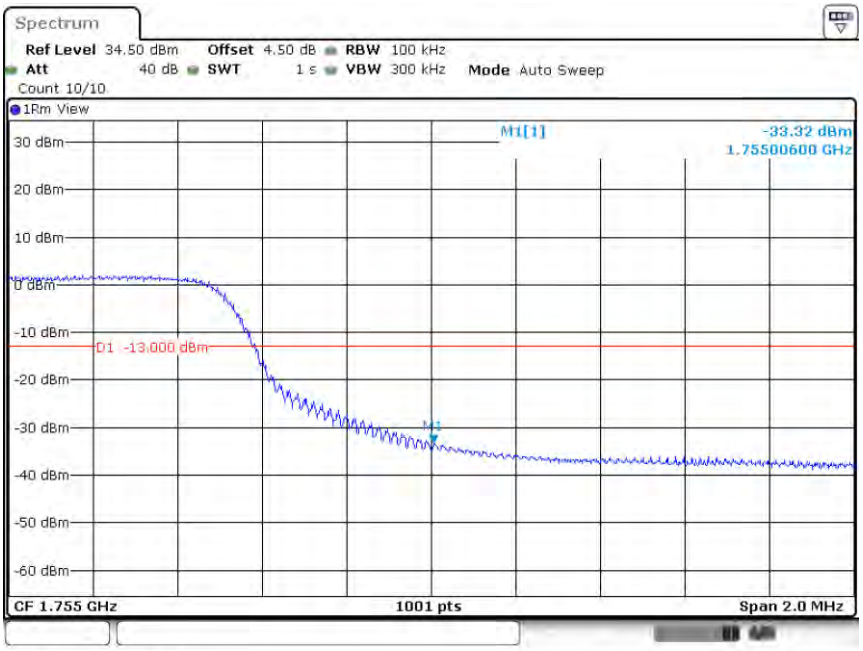


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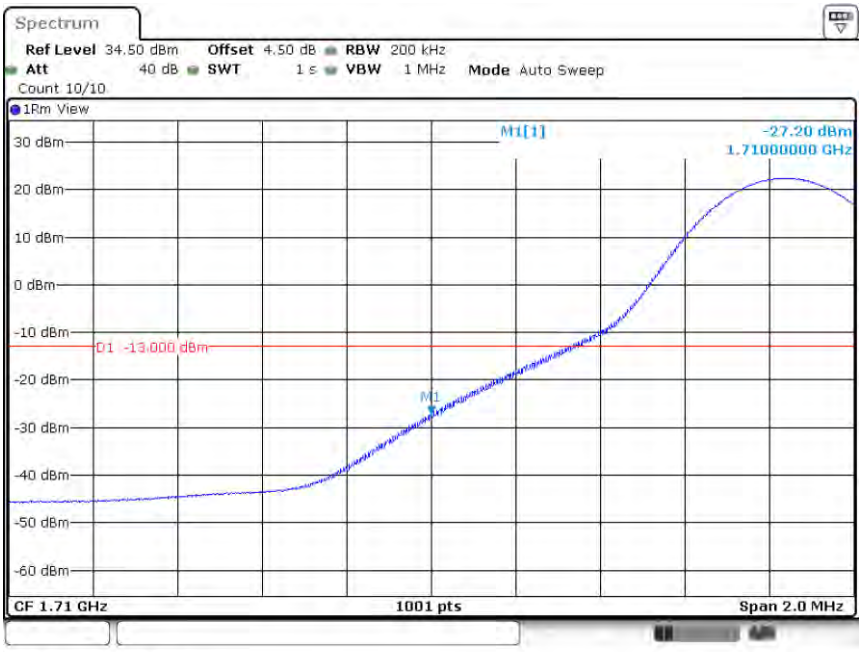
Band4-15MHz-QPSK-20025-1RB#0

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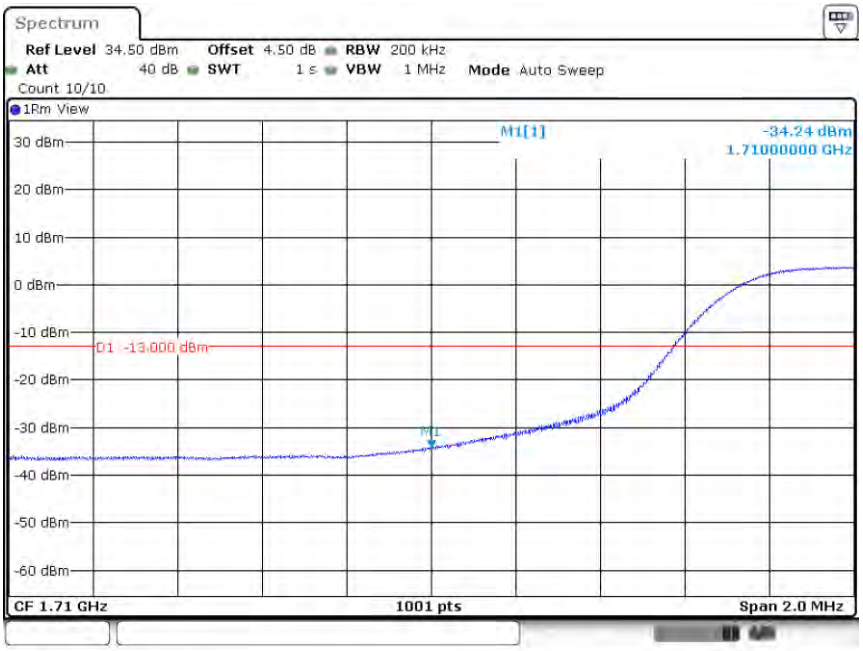


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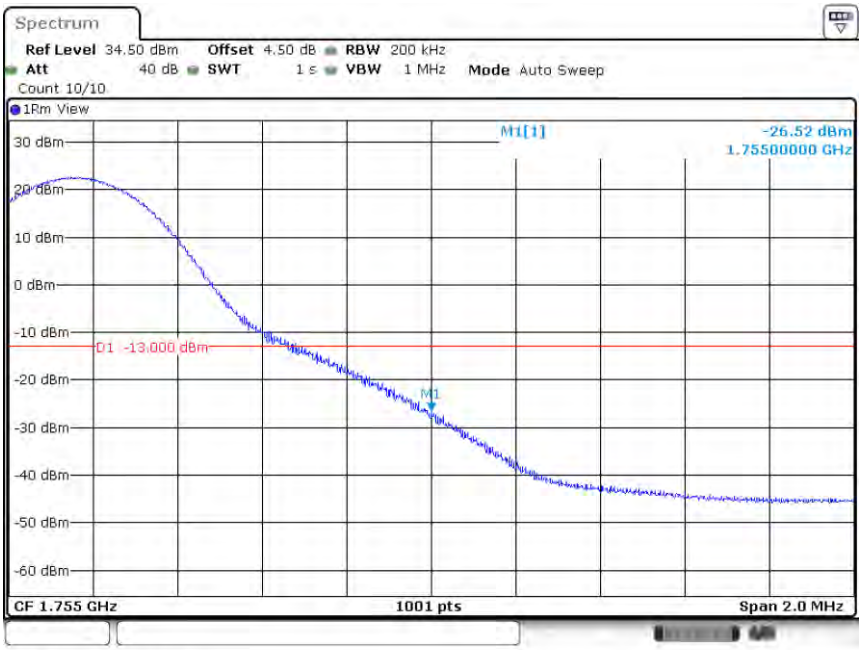
Band4-15MHz-QPSK-20325-1RB#74

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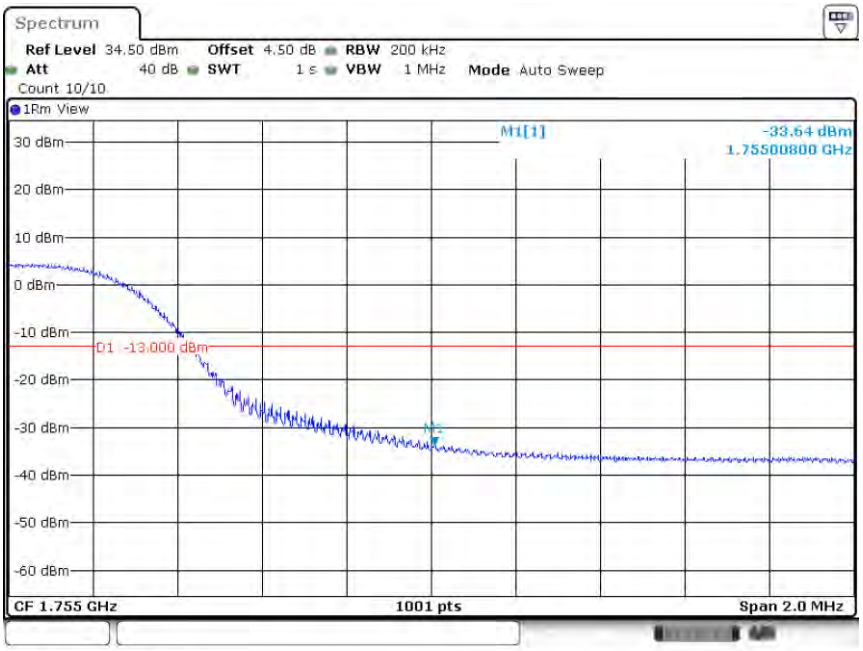


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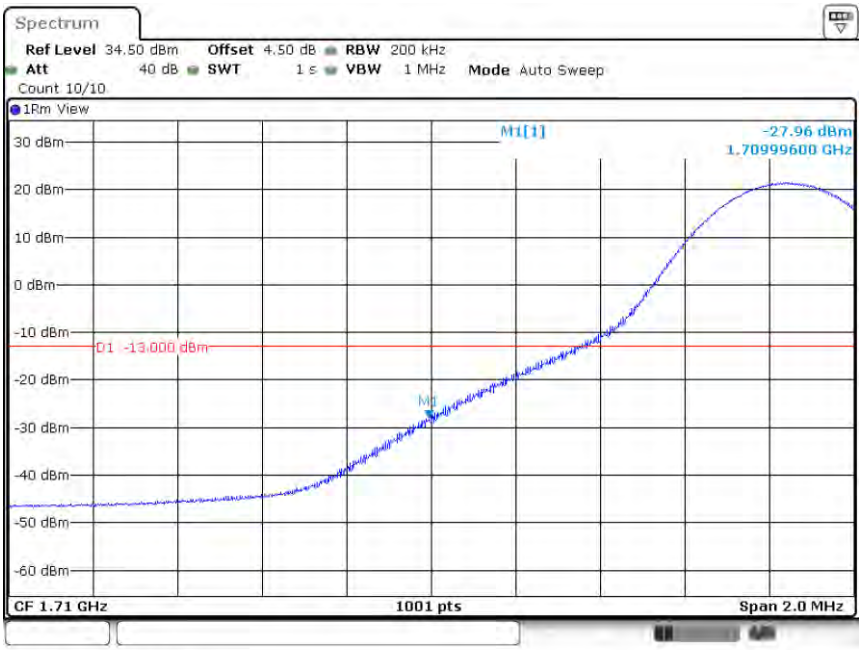


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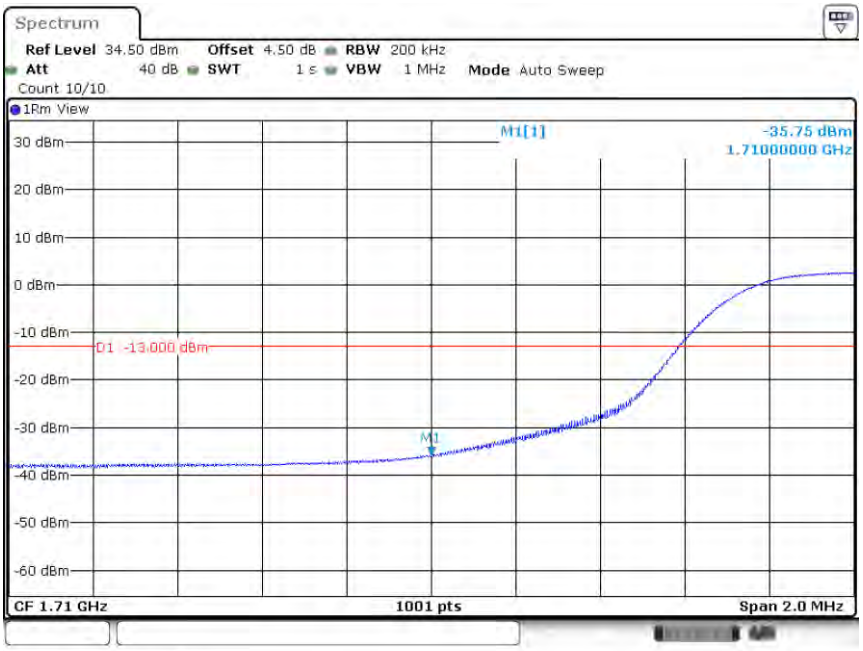


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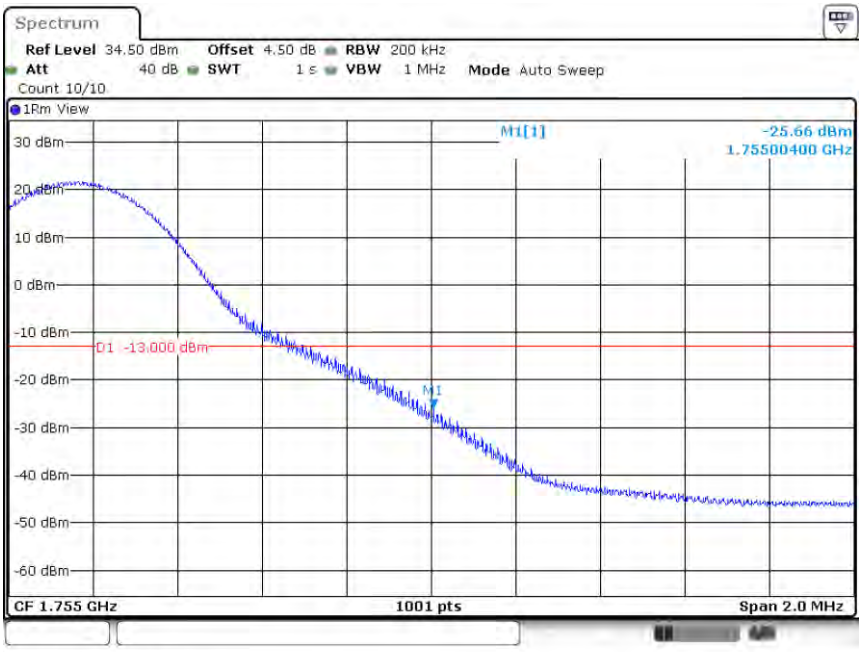


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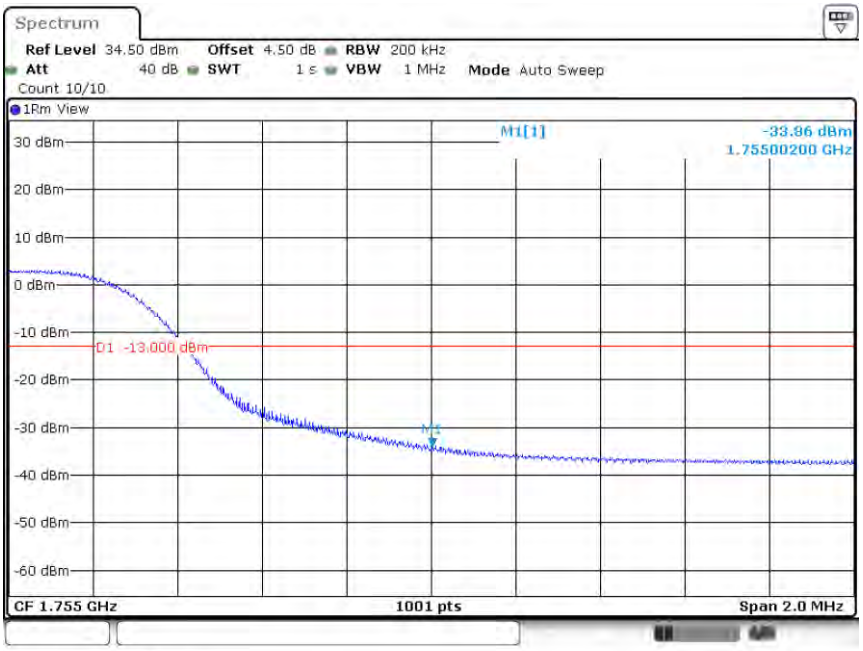


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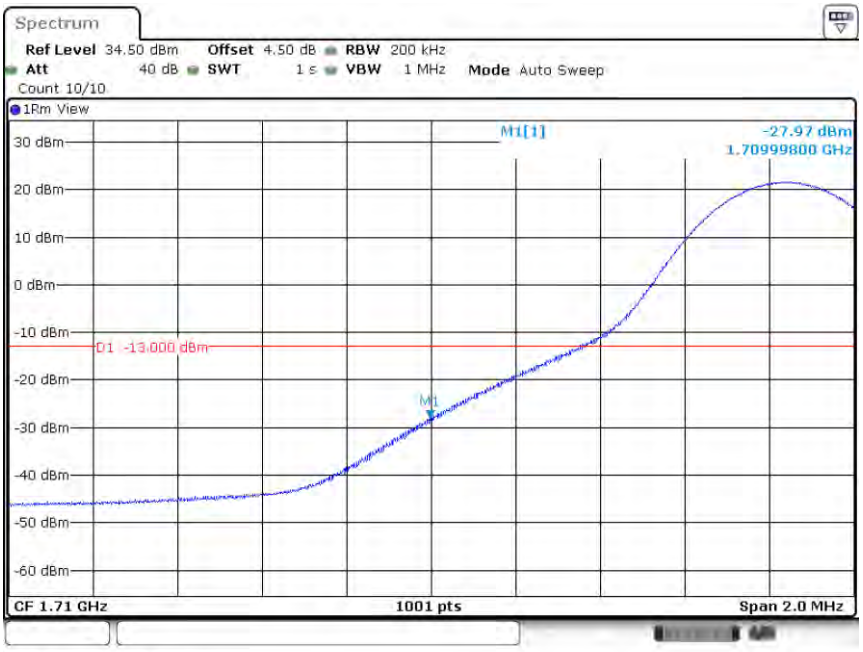


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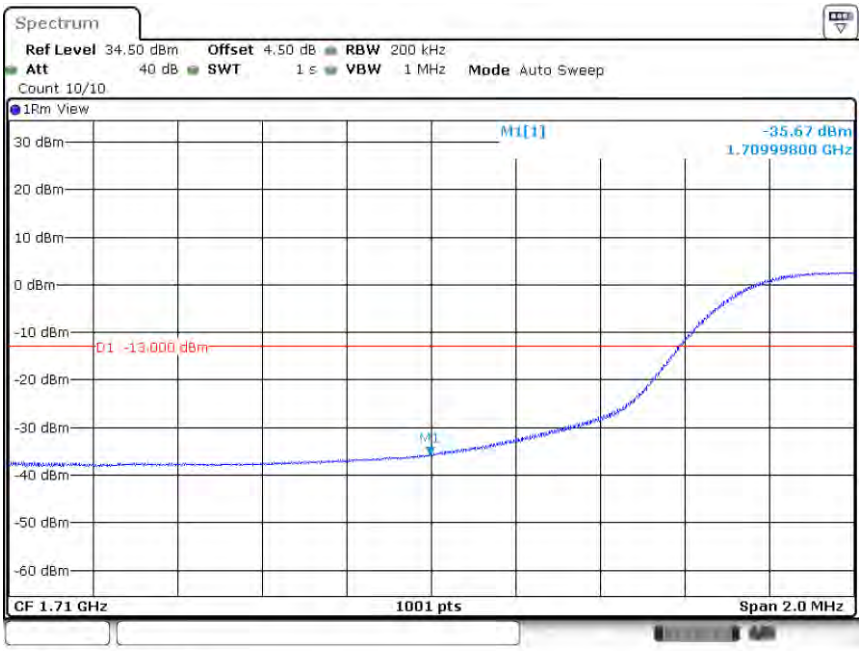


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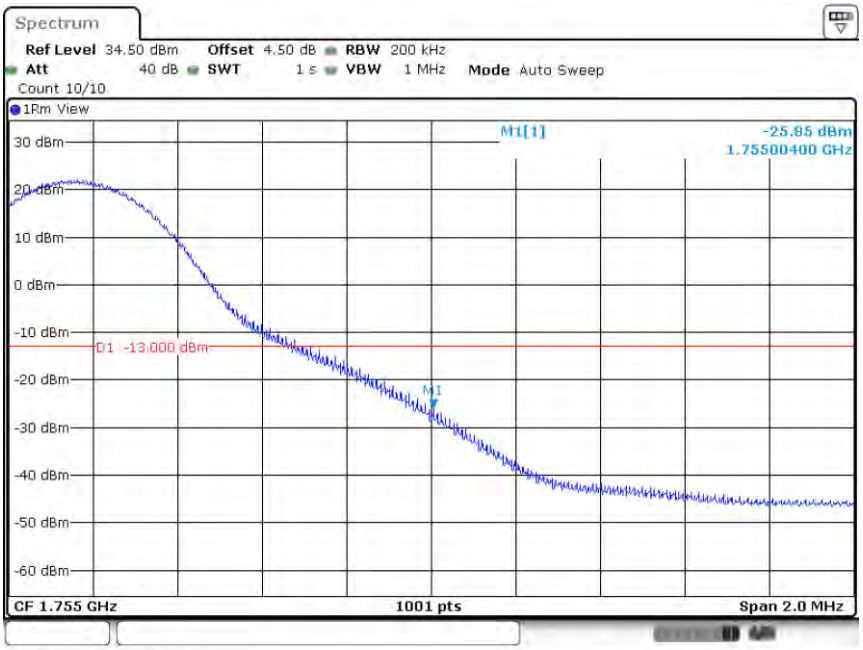


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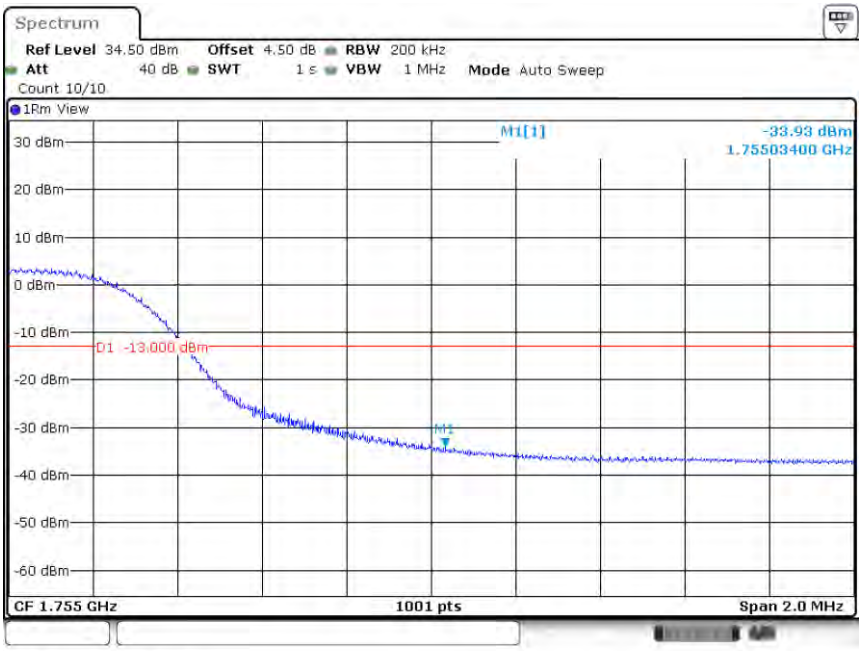
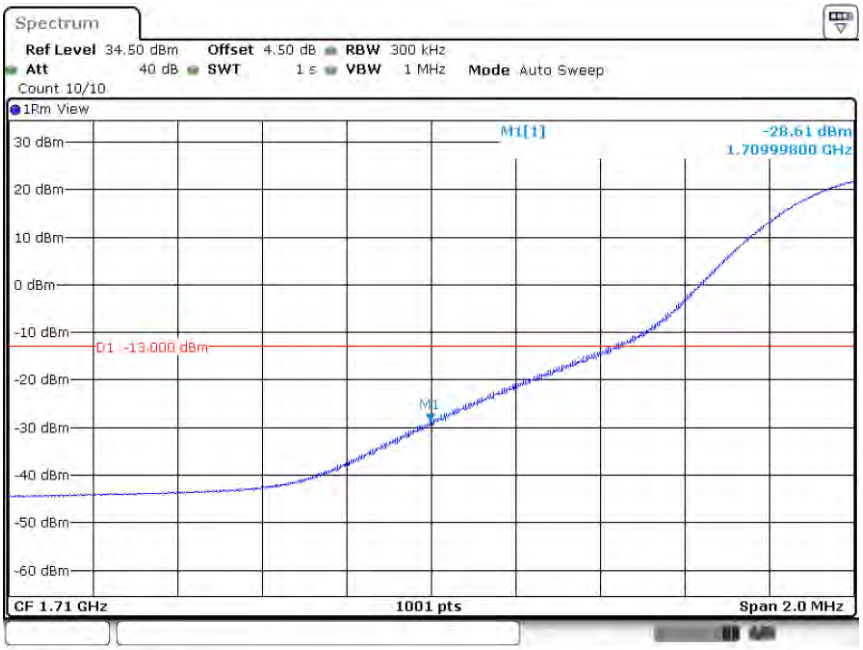
Band4-15MHz-16QAM-20325-75RB#0




Date: 3.SEP.2020 22:25:59

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




Date: 3.SEP.2020 22:26:25

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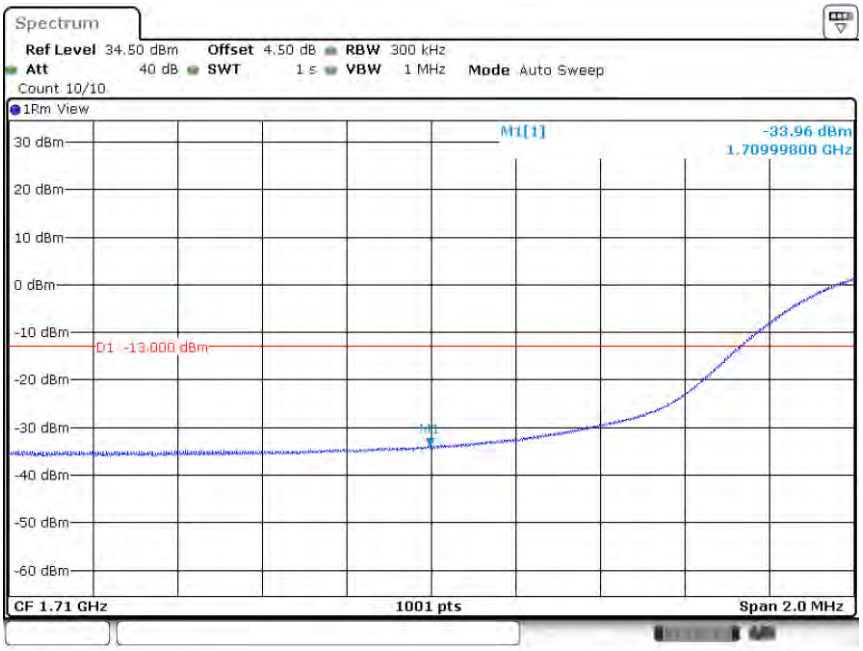
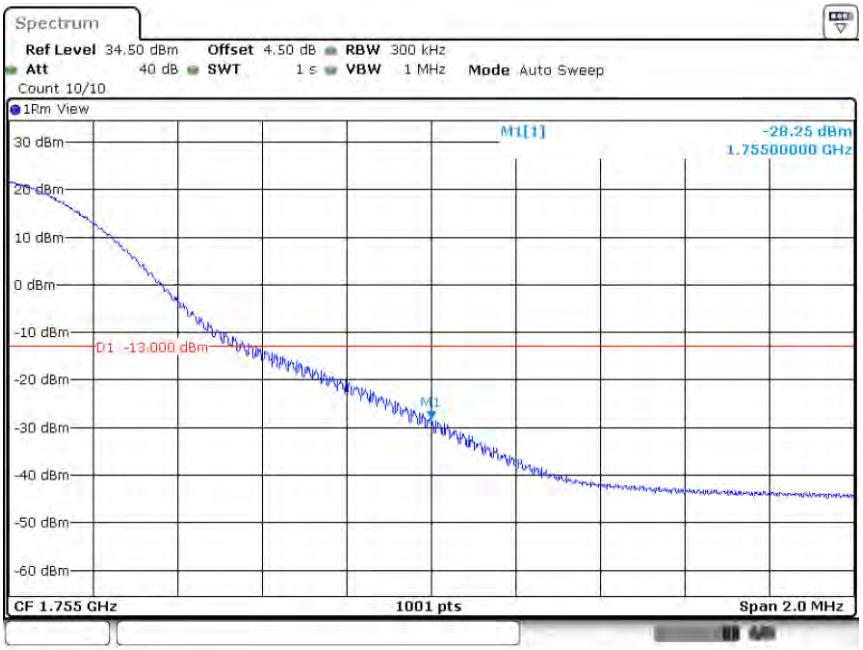
Band4-20MHz-QPSK-20050-100RB#0




Date: 3.SEP.2020 22:27:06

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




Date: 3.SEP.2020 22:27:52

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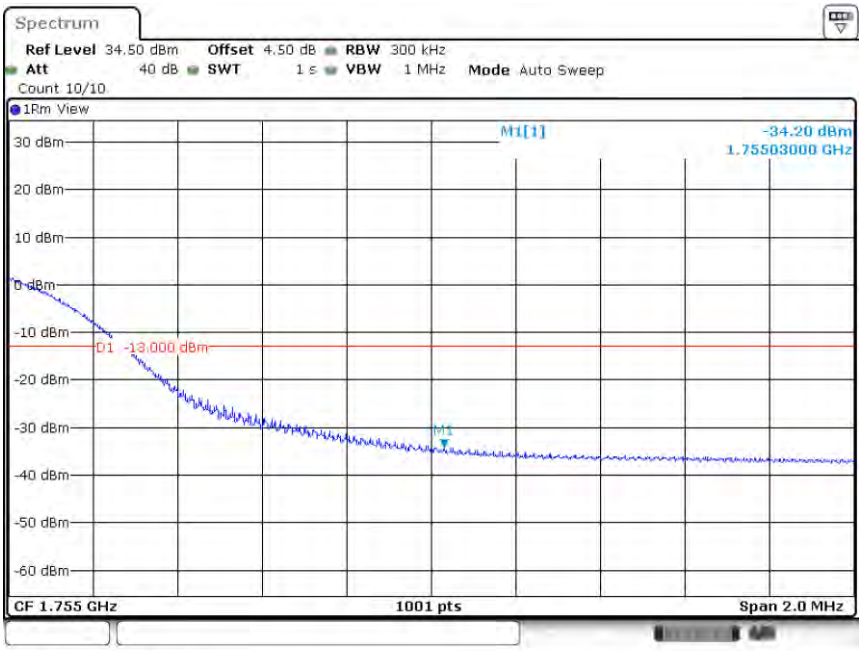
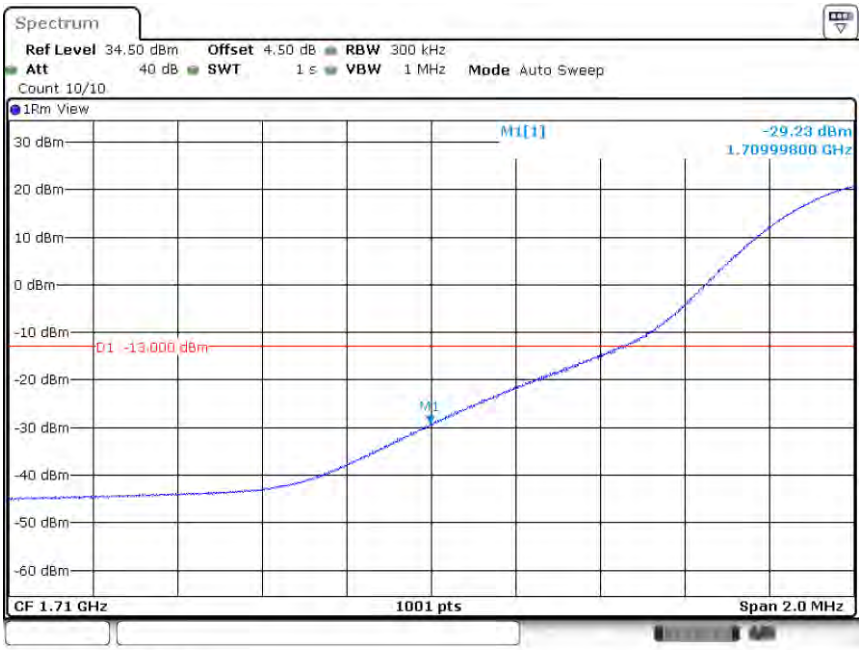
Band4-20MHz-QPSK-20300-100RB#0




Date: 3.SEP.2020 22:28:33

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




Date: 4.SEP.2020 00:05:37

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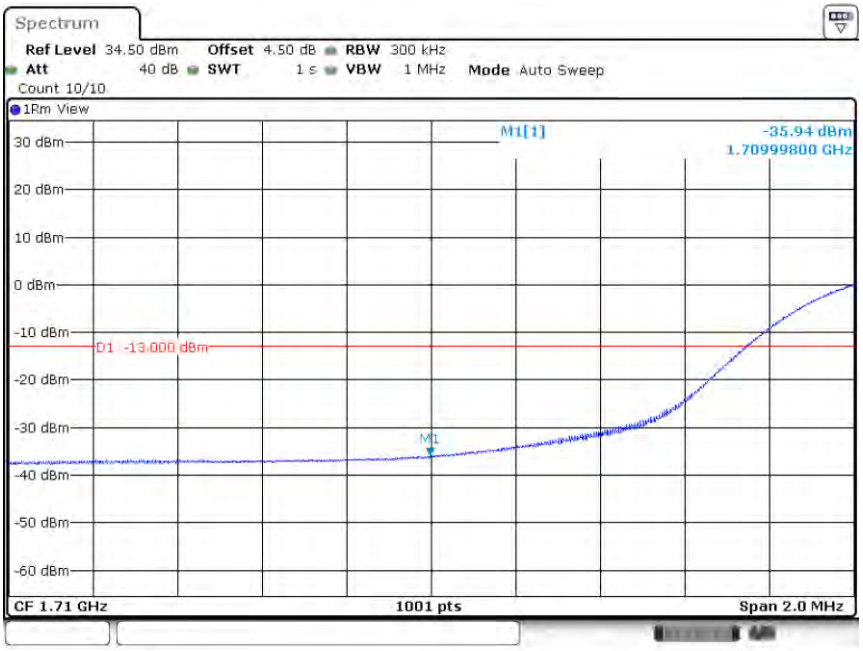
Band4-20MHz-64QAM-20050-100RB#0

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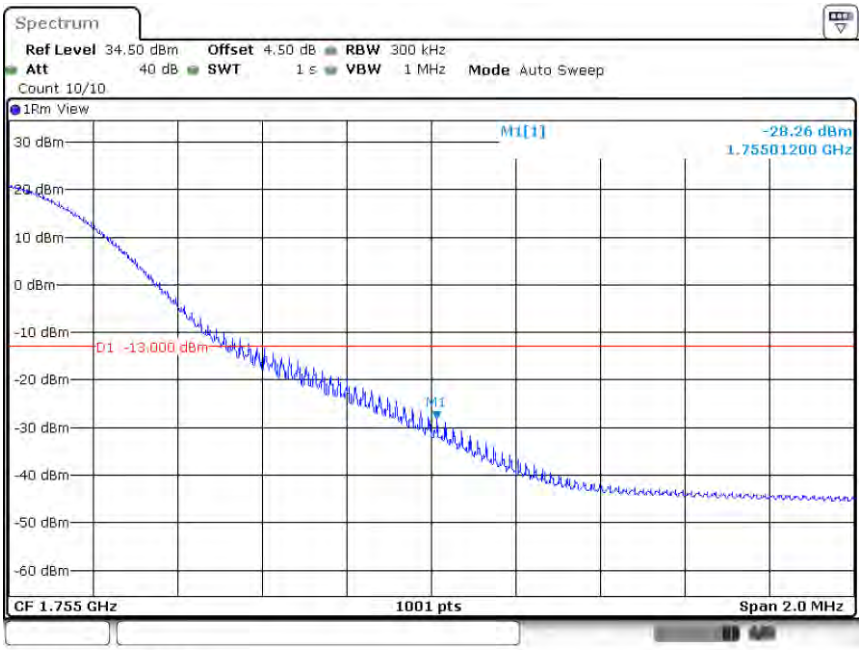
Band4-20MHz-64QAM-20300-1RB#99




Date: 4.SEP.2020 00:06:23

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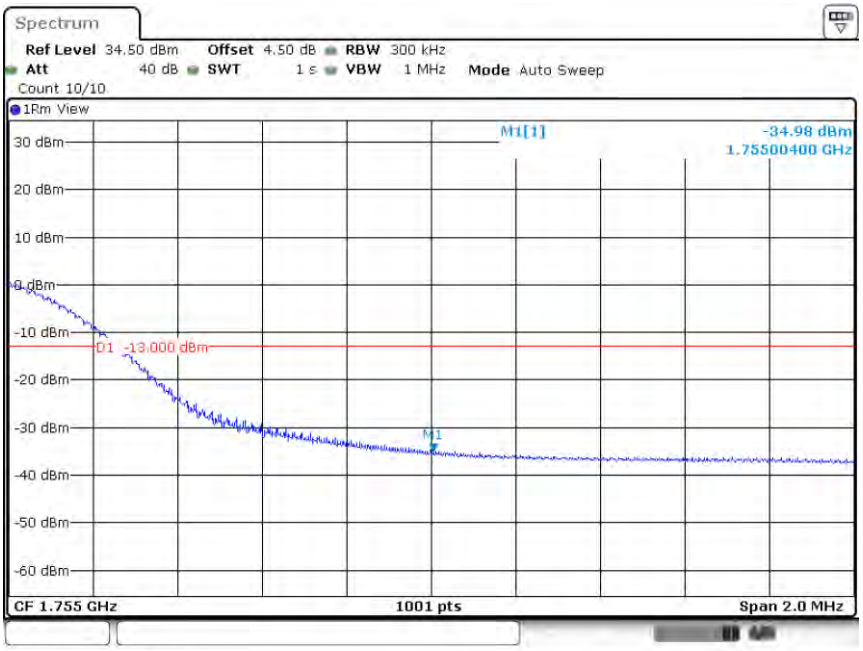
Band4-20MHz-64QAM-20300-100RB#0

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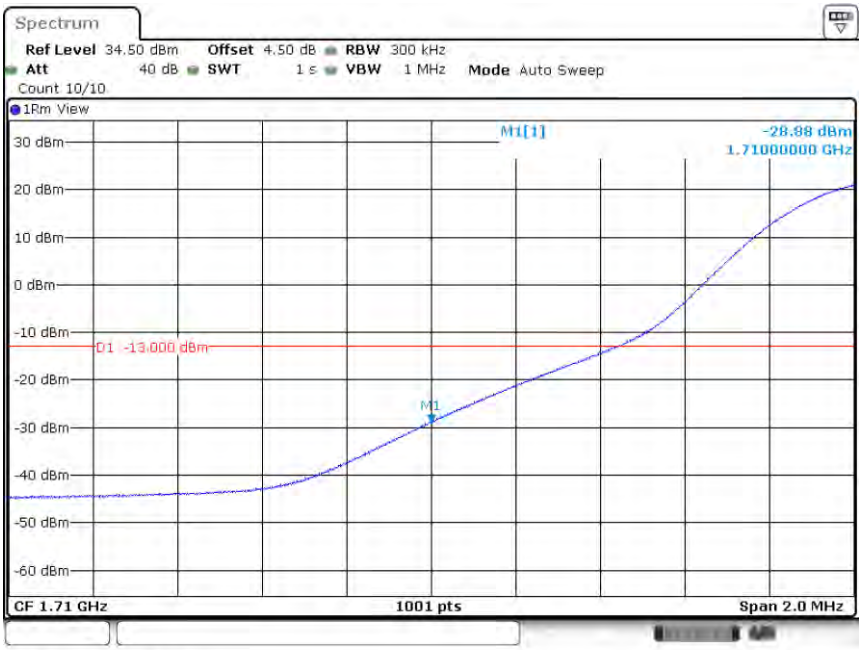
Band4-20MHz-16QAM-20050-1RB#0

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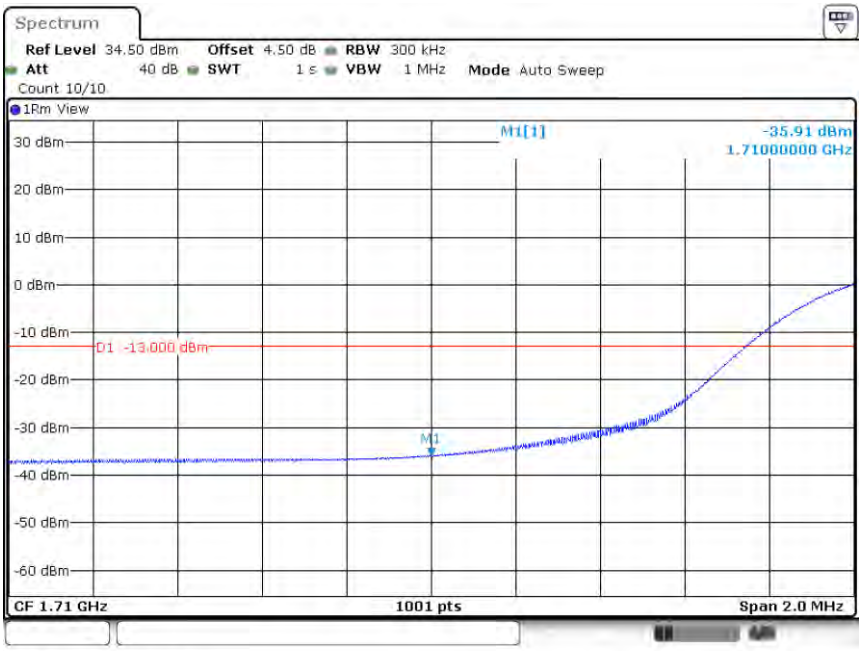
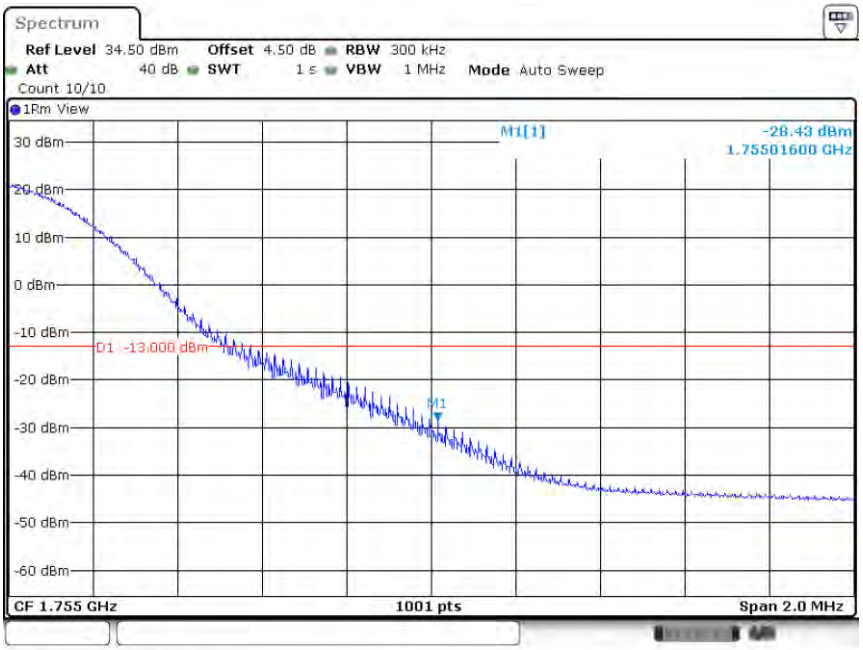
Band4-20MHz-16QAM-20050-100RB#0




Date: 3.SEP.2020 22:27:27

Band4-20MHz-16QAM-20300-1RB#99




Date: 3.SEP.2020 22:28:12

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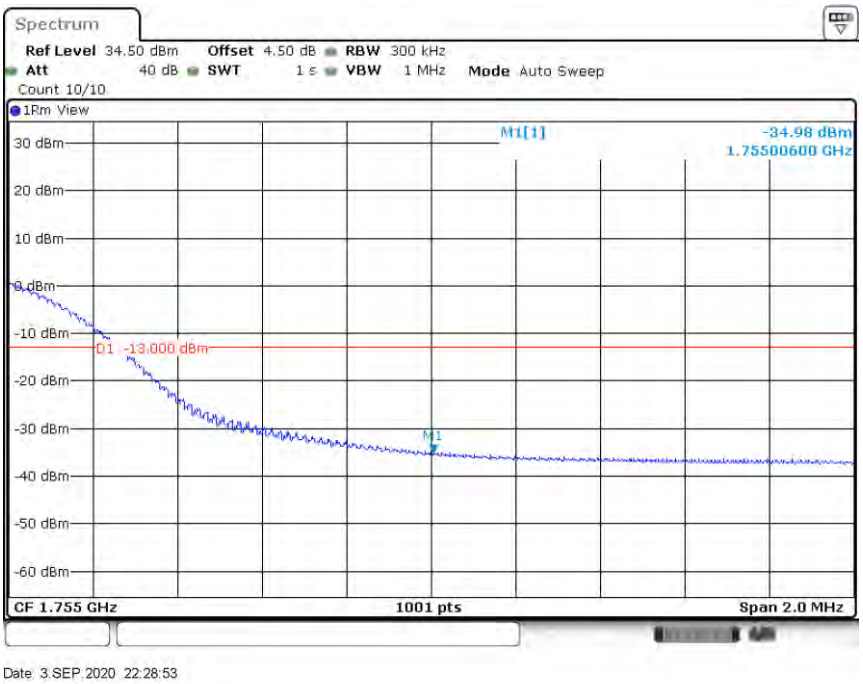
Band4-20MHz-16QAM-20300-100RB#0

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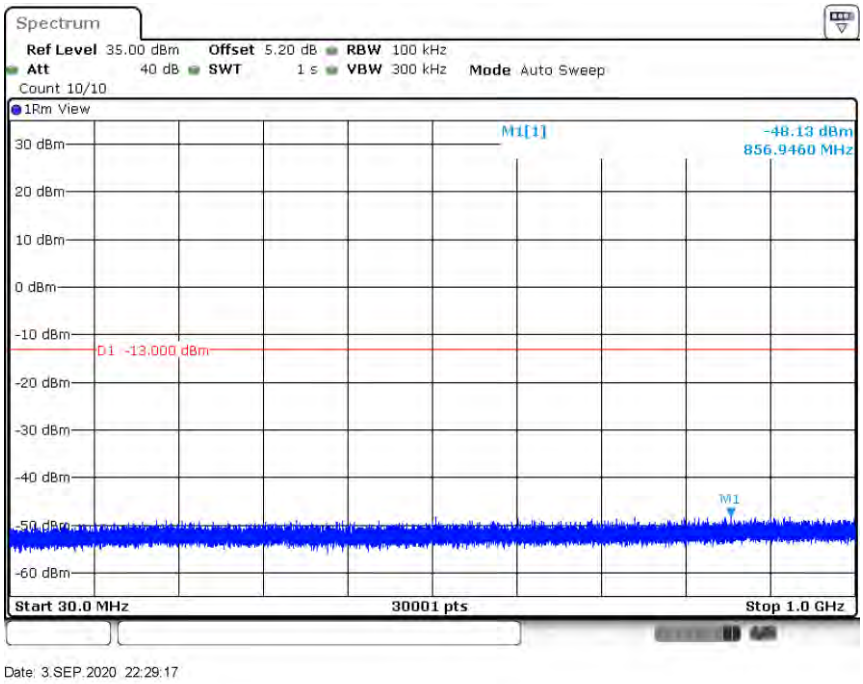
# 6. Spurious Emission at Antenna Terminal

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

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

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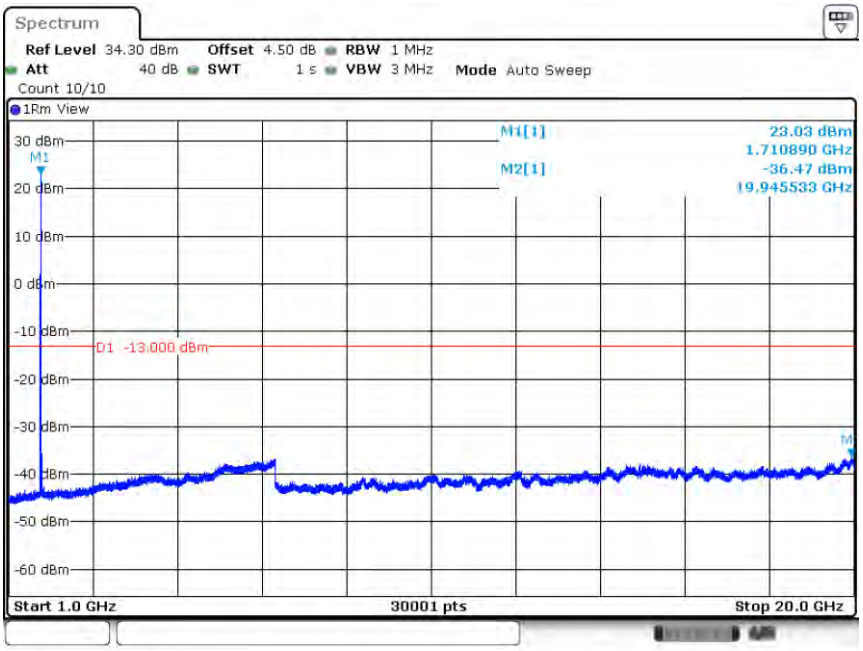
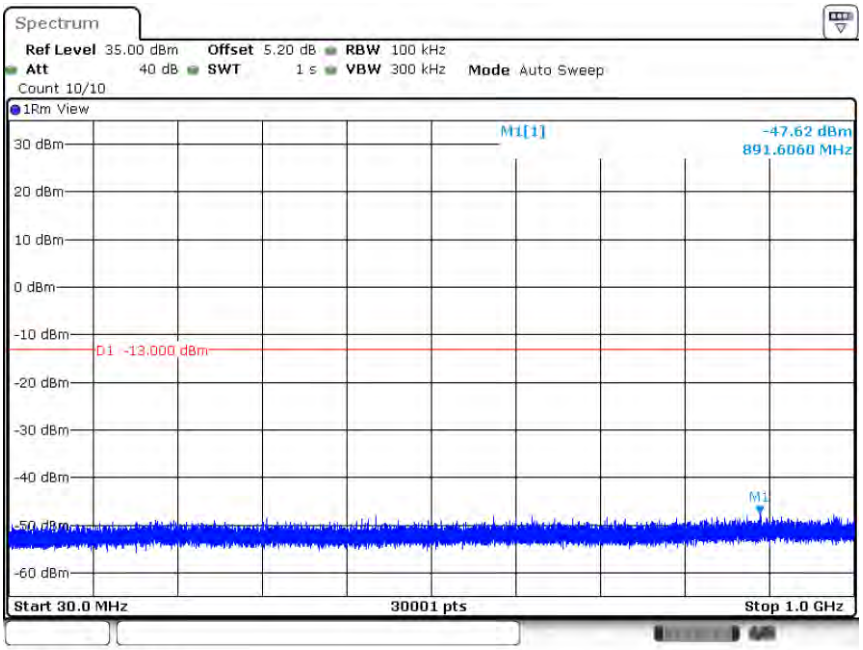
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz




Date: 3.SEP.2020 22:29:33

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




Date: 3.SEP.2020 22:30:27

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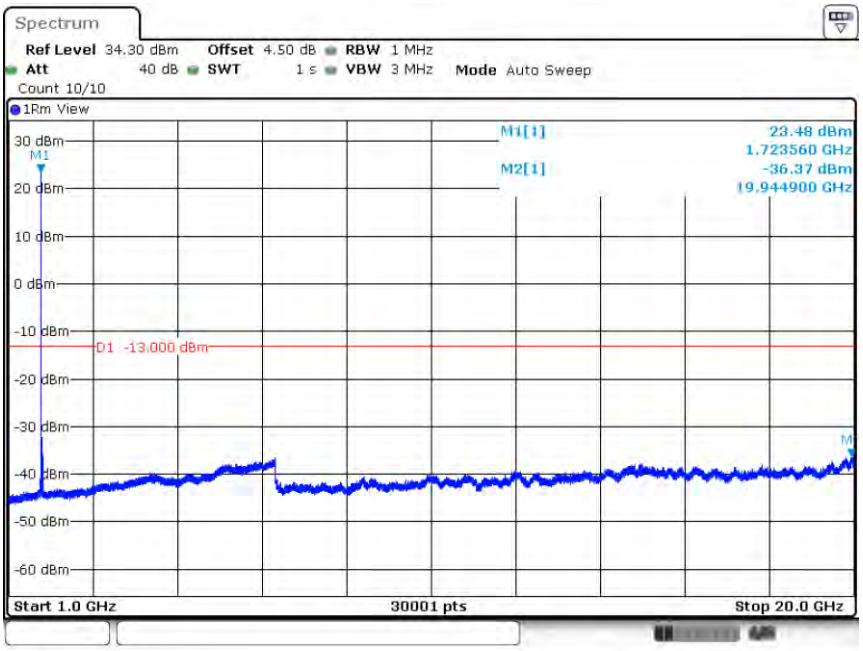
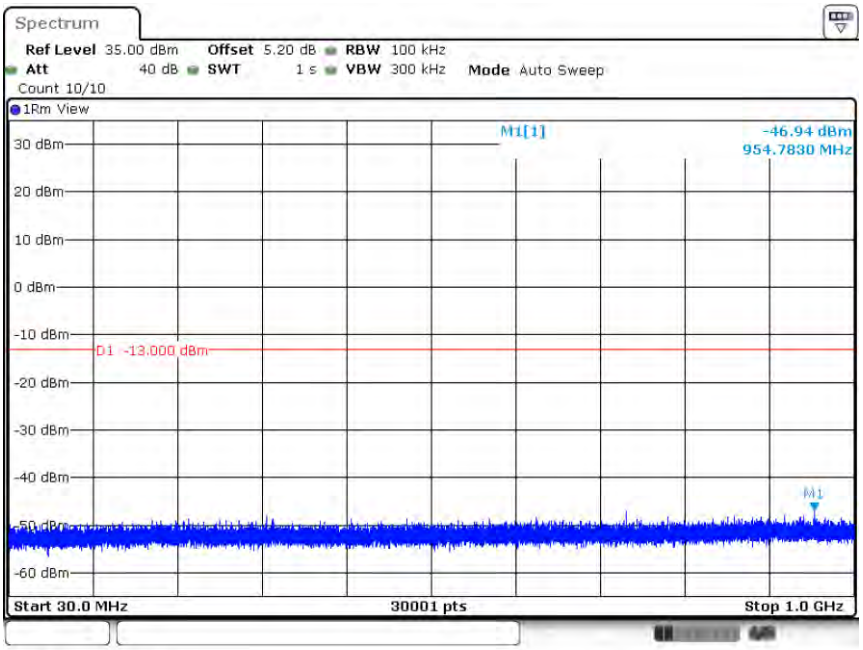
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz




Date: 3.SEP.2020 22:30:43

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

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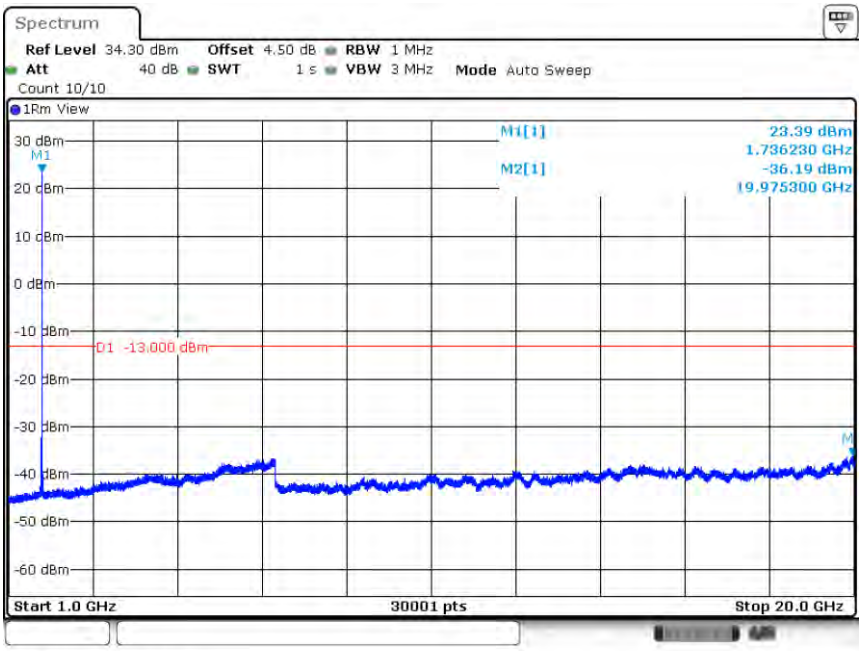
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz

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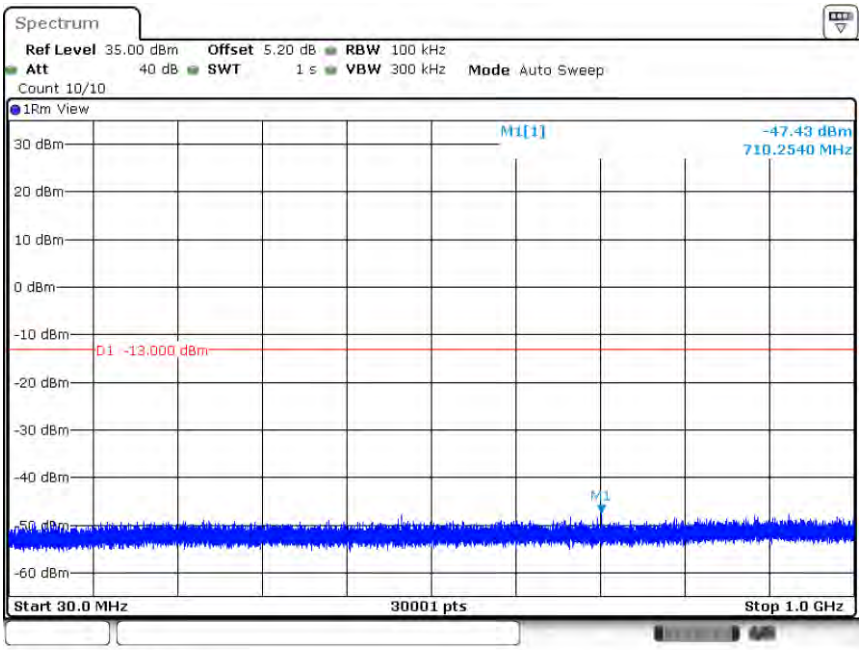


Date: 4.SEP.2020 00:07:07

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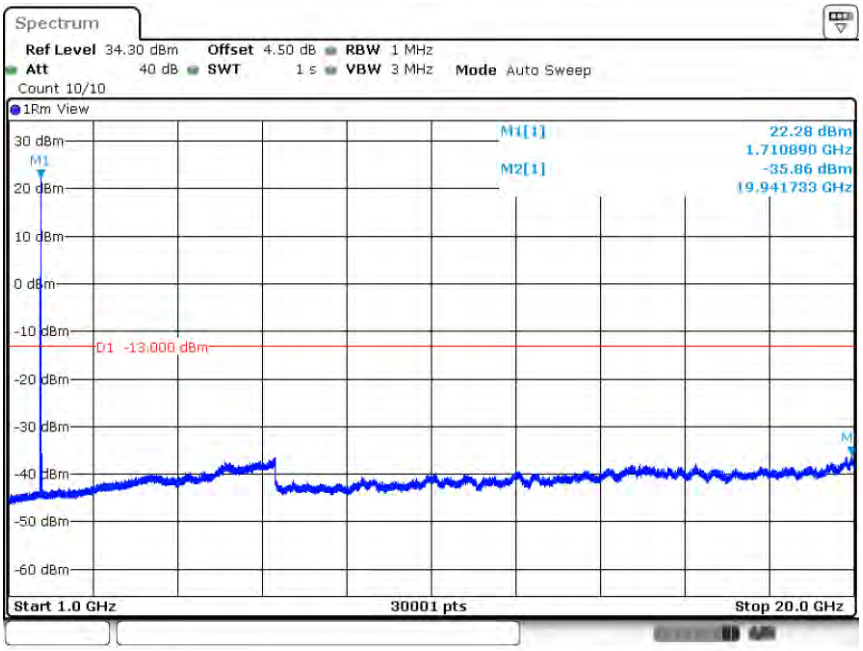
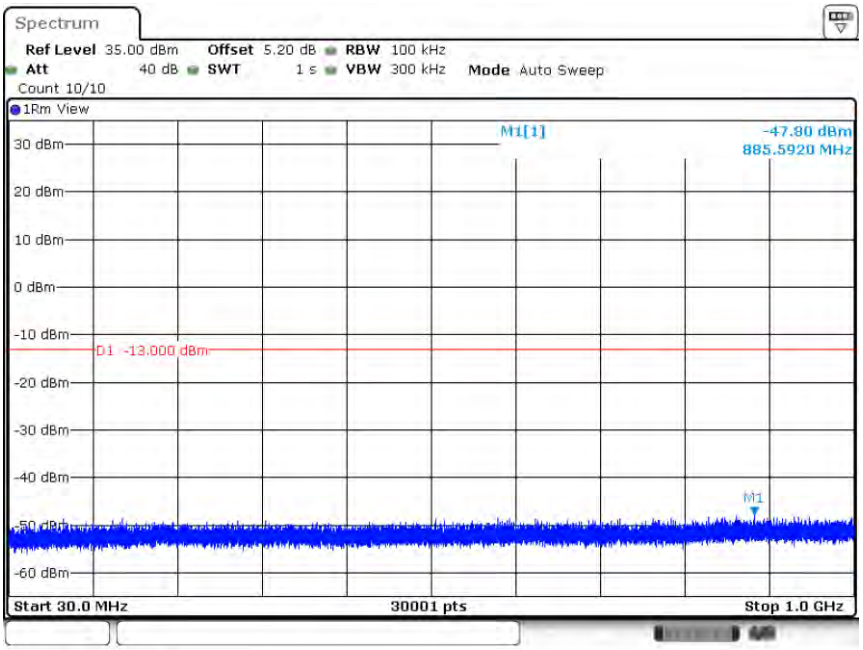
Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz




Date: 4.SEP.2020 00:07:23

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




Date: 4.SEP.2020 00:07:42

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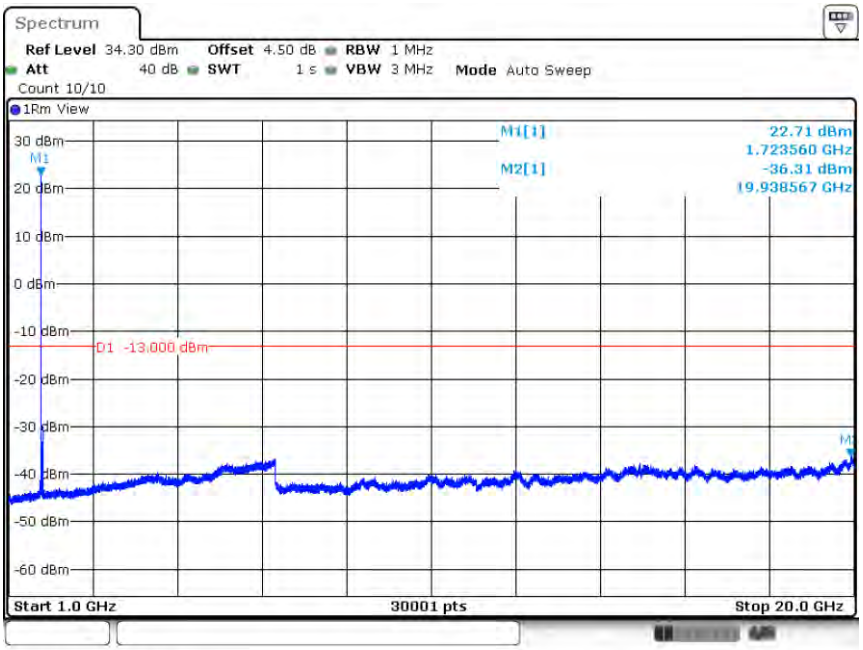
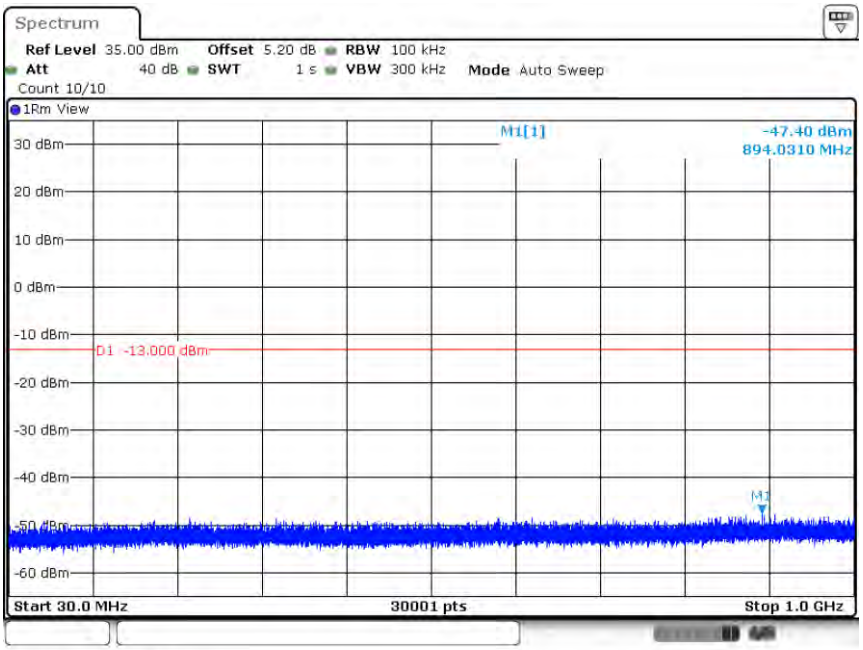
Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz




Date: 4.SEP.2020 00:07:58

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




Date: 4.SEP.2020 00:08:17

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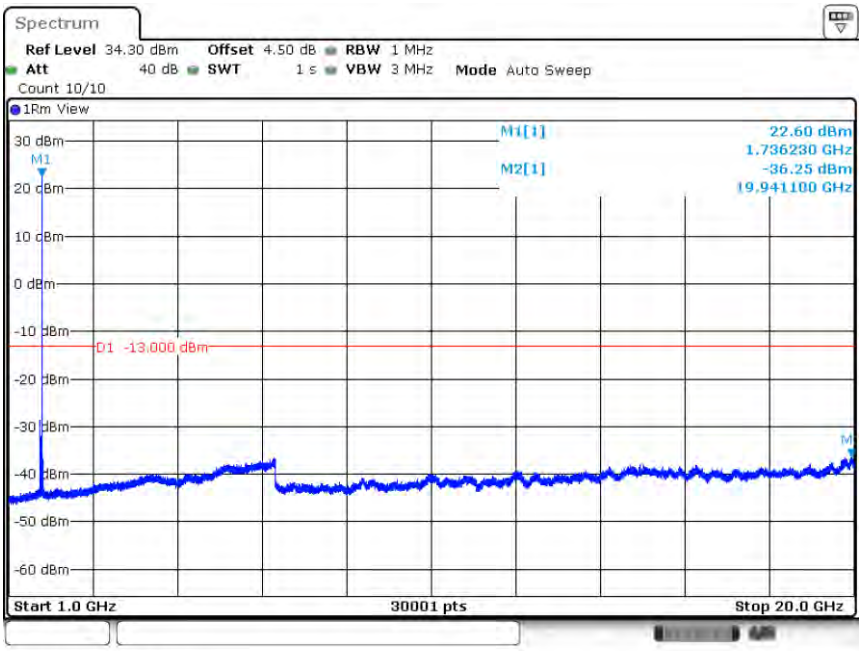
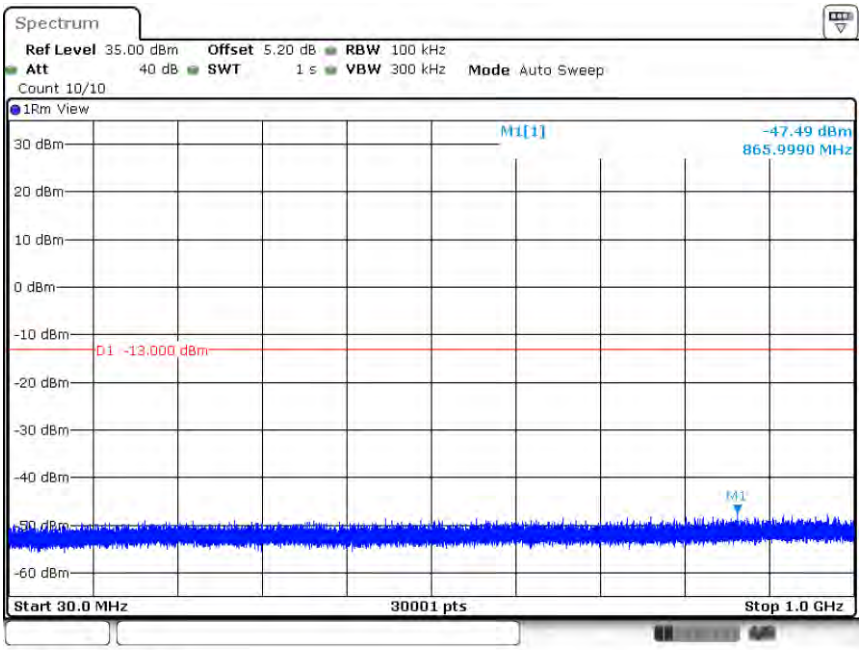



Date: 4.SEP.2020 00:08:34

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




Date: 3.SEP.2020 22:29:51

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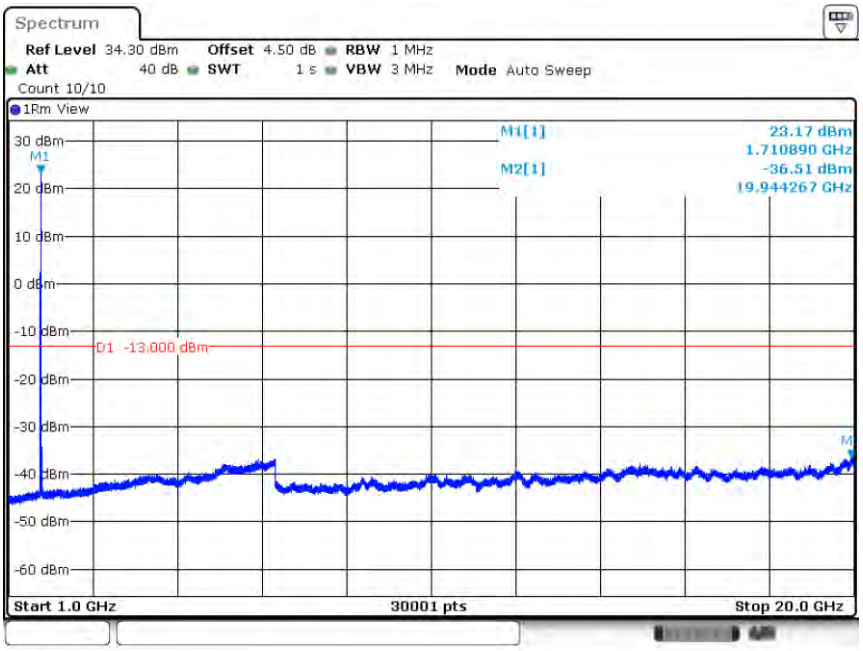
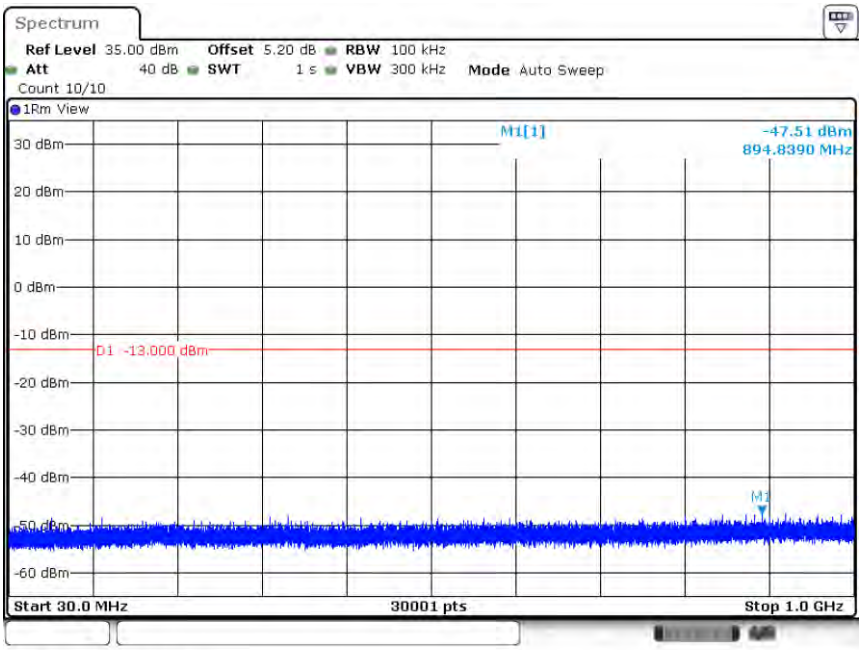
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz




Date: 3.SEP.2020 22:30:08

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




Date: 3.SEP.2020 22:31:02

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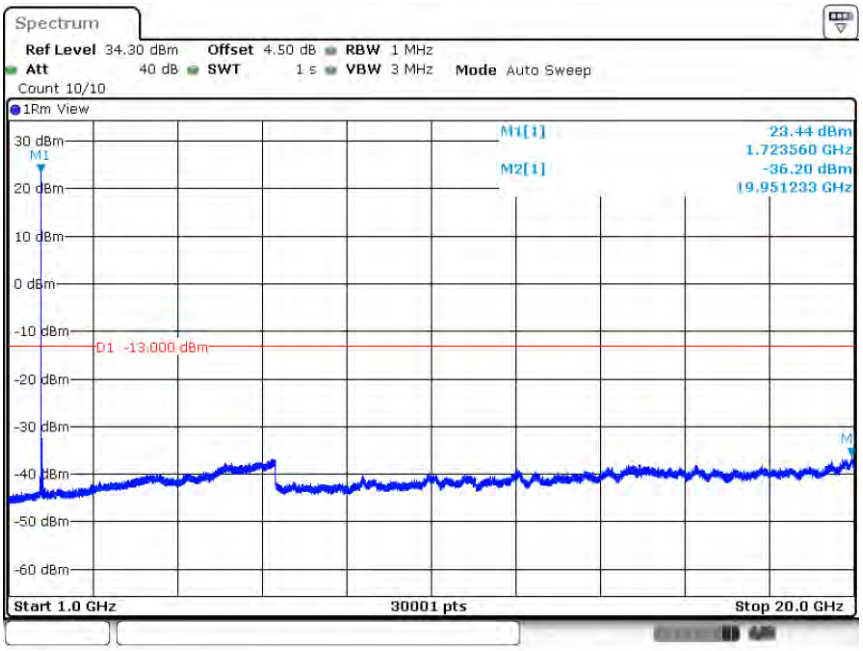
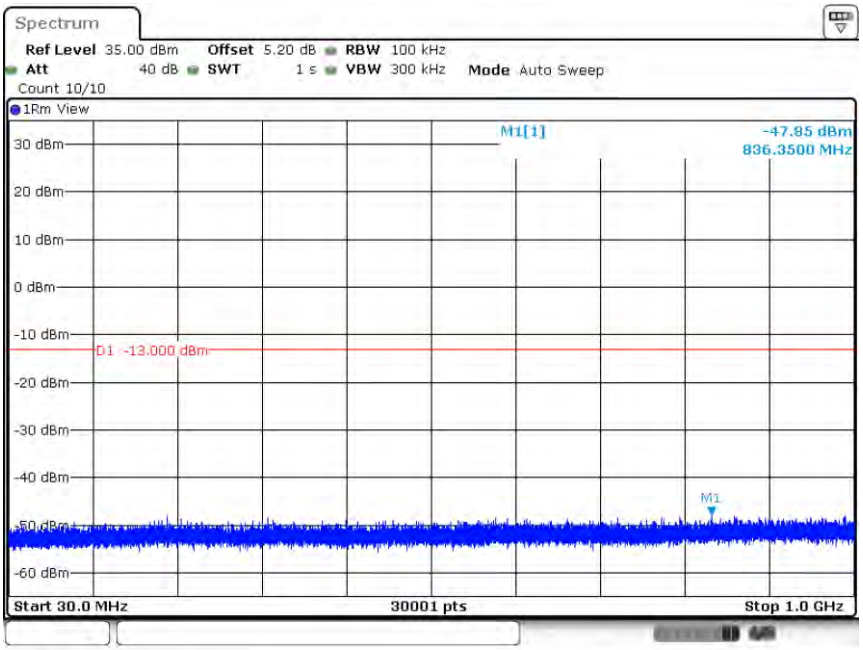
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz




Date: 3.SEP.2020 22:31:18

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

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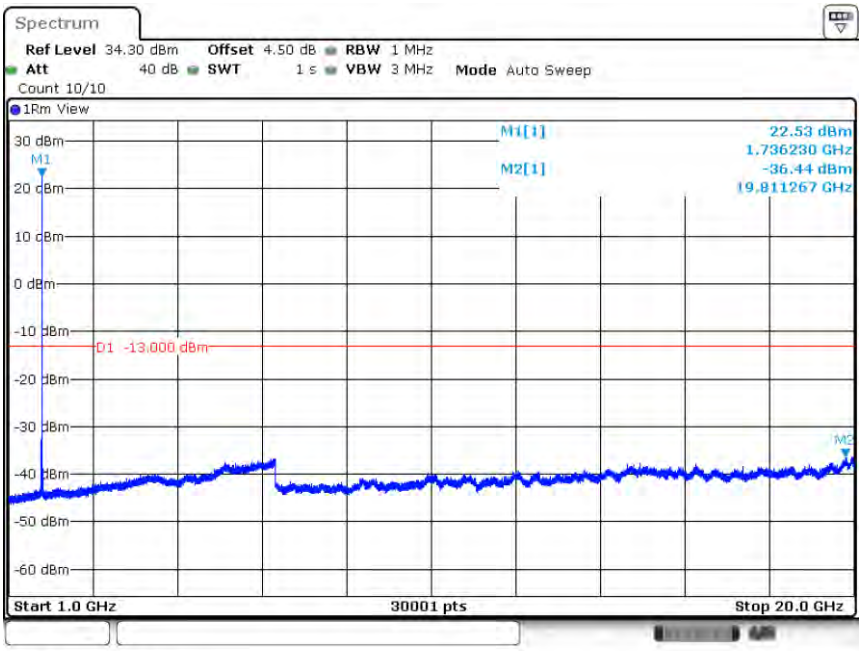


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# 7. Field Strength of Spurious Radiation

## 7.1. Test Mode =LTE/TM1 20MHz

### 7.1.1.Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|---|---|---|---|---|
| 31.3581 | -75.24 | -13.00 | 62.24 | Vertical |
| 118.0804 | -64.16 | -13.00 | 51.16 | Vertical |
| 381.7881 | -68.22 | -13.00 | 55.22 | Vertical |
| 5024.0675 | -61.53 | -13.00 | 48.53 | Vertical |
| 10465.2488 | -51.29 | -13.00 | 38.29 | Vertical |
| 17996.9999 | -39.87 | -13.00 | 26.87 | Vertical |
| 45.4723 | -64.35 | -13.00 | 51.35 | Horizontal |
| 228.4234 | -68.71 | -13.00 | 55.71 | Horizontal |
| 609.3130 | -62.94 | -13.00 | 49.94 | Horizontal |
| 3540.5180 | -60.84 | -13.00 | 47.84 | Horizontal |
| 7349.1450 | -56.24 | -13.00 | 43.24 | Horizontal |
| 16392.9464 | -43.16 | -13.00 | 30.16 | Horizontal |

### 7.1.2.Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|---|---|---|---|---|
| 30.0000 | -74.39 | -13.00 | 61.39 | Vertical |
| 108.9619 | -65.00 | -13.00 | 52.00 | Vertical |
| 364.9577 | -68.16 | -13.00 | 55.16 | Vertical |
| 5099.0700 | -62.10 | -13.00 | 49.10 | Vertical |
| 9859.7287 | -52.19 | -13.00 | 39.19 | Vertical |
| 17999.0000 | -39.70 | -13.00 | 26.70 | Vertical |
| 39.8945 | -64.26 | -13.00 | 51.26 | Horizontal |
| 100.9590 | -75.19 | -13.00 | 62.19 | Horizontal |
| 223.8157 | -68.28 | -13.00 | 55.28 | Horizontal |
| 3447.5149 | -61.18 | -13.00 | 48.18 | Horizontal |
| 7467.1489 | -56.37 | -13.00 | 43.37 | Horizontal |
| 16404.4468 | -43.42 | -13.00 | 30.42 | Horizontal |

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## 7.1.3.Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|---|---|---|---|---|
| 46.4908 | -72.12 | -13.00 | 59.12 | Vertical |
| 113.9577 | -65.23 | -13.00 | 52.23 | Vertical |
| 380.6240 | -68.27 | -13.00 | 55.27 | Vertical |
| 3734.5245 | -61.90 | -13.00 | 48.90 | Vertical |
| 8022.1674 | -55.60 | -13.00 | 42.60 | Vertical |
| 17997.4999 | -39.91 | -13.00 | 26.91 | Vertical |
| 40.6220 | -64.22 | -13.00 | 51.22 | Horizontal |
| 96.8848 | -73.26 | -13.00 | 60.26 | Horizontal |
| 233.0797 | -67.29 | -13.00 | 54.29 | Horizontal |
| 5068.5690 | -61.58 | -13.00 | 48.58 | Horizontal |
| 9977.7326 | -52.14 | -13.00 | 39.14 | Horizontal |
| 16375.9459 | -43.41 | -13.00 | 30.41 | 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 (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | VL | NT | 1.50 | 0.000872 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | VN | NT | 3.50 | 0.002035 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | VH | NT | 1.00 | 0.000581 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | VL | NT | 0.10 | 0.000058 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | VN | NT | 1.60 | 0.000924 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | VH | NT | 0.20 | 0.000115 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | VL | NT | -1.40 | -0.000802 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | VN | NT | -0.70 | -0.000401 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | VH | NT | -1.00 | -0.000573 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VL | NT | 3.10 | 0.001802 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VN | NT | 3.60 | 0.002093 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | VH | NT | 3.70 | 0.002151 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VL | NT | 1.10 | 0.000635 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VN | NT | 2.30 | 0.001328 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | VH | NT | 1.40 | 0.000808 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VL | NT | -3.30 | -0.001891 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VN | NT | -0.70 | -0.000401 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | VH | NT | -0.80 | -0.000458 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VL | NT | 2.00 | 0.001163 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VN | NT | 3.50 | 0.002035 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | VH | NT | 3.70 | 0.002151 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VL | NT | 2.60 | 0.001501 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VN | NT | -0.40 | -0.000231 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | VH | NT | 2.40 | 0.001385 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VL | NT | -3.10 | -0.001777 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VN | NT | -2.80 | -0.001605 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | VH | NT | -0.40 | -0.000229 | ±2.5 | PASS |

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## 8.2. Frequency Vs Temperature

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | -30 | 2.50 | 0.001453 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | -20 | 2.60 | 0.001512 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | -10 | 1.70 | 0.000988 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 0 | 1.00 | 0.000581 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 10 | 3.10 | 0.001802 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 20 | 1.20 | 0.000698 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 30 | 3.10 | 0.001802 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 40 | 0.50 | 0.000291 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | NV | 50 | 3.10 | 0.001802 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | -30 | 3.10 | 0.001789 | ±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 | -10 | 1.70 | 0.000981 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 0 | 0.90 | 0.000519 | ±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 | -0.50 | -0.000289 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 30 | 0.80 | 0.000462 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 40 | 0.10 | 0.000058 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | NV | 50 | 0.50 | 0.000289 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | -30 | -1.30 | -0.000745 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | -20 | -2.70 | -0.001547 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | -10 | -2.20 | -0.001261 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 0 | -2.30 | -0.001318 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 10 | -2.10 | -0.001203 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 20 | -4.20 | -0.002407 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 30 | 0.10 | 0.000057 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 40 | -2.70 | -0.001547 | ±2.5 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | NV | 50 | -3.10 | -0.001777 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -30 | 3.40 | 0.001977 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -20 | 1.10 | 0.000640 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | -10 | 3.00 | 0.001744 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 0 | 3.20 | 0.001860 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 10 | 0.20 | 0.000116 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 20 | 2.20 | 0.001279 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 30 | 0.80 | 0.000465 | ±2.5 | PASS |

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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 40 | 2.00 | 0.001163 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20050 | 100RB#0 | NV | 50 | 1.20 | 0.000698 | ±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 | 0.60 | 0.000346 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | -10 | 2.30 | 0.001328 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 0 | 2.10 | 0.001212 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 10 | 0.50 | 0.000289 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 20 | 3.10 | 0.001789 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 30 | 0.10 | 0.000058 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 40 | 2.60 | 0.001501 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20175 | 100RB#0 | NV | 50 | 0.00 | 0.000000 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | -30 | -2.80 | -0.001605 | ±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 | -10 | -1.70 | -0.000974 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 0 | -1.00 | -0.000573 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 10 | -0.30 | -0.000172 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 20 | -1.60 | -0.000917 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 30 | -0.70 | -0.000401 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 40 | -5.30 | -0.003037 | ±2.5 | PASS |
| Band4 | 20MHz | 64QAM | 20300 | 100RB#0 | NV | 50 | -0.80 | -0.000458 | ±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 | 3.40 | 0.001977 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | -10 | 3.80 | 0.002209 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 0 | 3.70 | 0.002151 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 10 | 3.60 | 0.002093 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 20 | 1.50 | 0.000872 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | NV | 30 | 0.90 | 0.000523 | ±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 | 2.90 | 0.001686 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -30 | 1.10 | 0.000635 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -20 | -1.20 | -0.000693 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | -10 | -1.50 | -0.000866 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 0 | 0.90 | 0.000519 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 10 | 2.90 | 0.001674 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 20 | -1.00 | -0.000577 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 30 | -0.20 | -0.000115 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 40 | -1.00 | -0.000577 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | NV | 50 | -1.30 | -0.000750 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -30 | -3.20 | -0.001834 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -20 | -0.50 | -0.000287 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | -10 | -0.90 | -0.000516 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 0 | -1.40 | -0.000802 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 10 | -2.00 | -0.001146 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 20 | -4.70 | -0.002693 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 30 | -1.00 | -0.000573 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 40 | -2.00 | -0.001146 | ±2.5 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | NV | 50 | -1.20 | -0.000688 | ±2.5 | PASS |

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