# Appendix B

## E-UTRA Band 41

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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

**ANT13:**

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | QPSK | 39675 | 1RB#0 | 23.70 | 22.38 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 1RB#12 | 23.72 | 22.40 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 1RB#24 | 23.66 | 22.34 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 12RB#6 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 12RB#0 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 12RB#13 | 22.74 | 21.42 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 25RB#0 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#24 | 23.63 | 22.31 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#0 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#12 | 23.66 | 22.34 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 12RB#0 | 22.66 | 21.34 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 12RB#6 | 22.58 | 21.26 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 12RB#13 | 22.58 | 21.26 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 25RB#0 | 22.63 | 21.31 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#12 | 23.57 | 22.25 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#0 | 23.62 | 22.30 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#24 | 23.59 | 22.27 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 12RB#13 | 22.72 | 21.40 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 12RB#6 | 22.66 | 21.34 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 12RB#0 | 22.66 | 21.34 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 25RB#0 | 22.67 | 21.35 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#0 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#24 | 22.76 | 21.44 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#12 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 12RB#0 | 21.67 | 20.35 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 12RB#6 | 21.65 | 20.33 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | 16QAM | 39675 | 12RB#13 | 21.65 | 20.33 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 25RB#0 | 21.75 | 20.43 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#0 | 22.62 | 21.30 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#12 | 22.61 | 21.29 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#24 | 22.67 | 21.35 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#13 | 21.60 | 20.28 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#6 | 21.55 | 20.23 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#0 | 21.58 | 20.26 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 25RB#0 | 21.67 | 20.35 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#0 | 22.65 | 21.33 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#12 | 22.71 | 21.39 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#24 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#0 | 21.70 | 20.38 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#6 | 21.68 | 20.36 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#13 | 21.62 | 20.30 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 25RB#0 | 21.75 | 20.43 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#0 | 21.47 | 20.15 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#24 | 21.51 | 20.19 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#12 | 21.46 | 20.14 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#13 | 20.58 | 19.26 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#6 | 20.60 | 19.28 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#0 | 20.65 | 19.33 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 25RB#0 | 20.65 | 19.33 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#0 | 21.43 | 20.11 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#12 | 21.51 | 20.19 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#24 | 21.49 | 20.17 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#0 | 20.53 | 19.21 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#6 | 20.47 | 19.15 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#13 | 20.43 | 19.11 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 25RB#0 | 20.51 | 19.19 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#0 | 21.38 | 20.06 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#24 | 21.42 | 20.10 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#12 | 21.44 | 20.12 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | 64QAM | 41565 | 12RB#0 | 20.65 | 19.33 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 12RB#6 | 20.56 | 19.24 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 12RB#13 | 20.60 | 19.28 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 25RB#0 | 20.56 | 19.24 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#49 | 23.74 | 22.42 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#24 | 23.67 | 22.35 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#0 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 25RB#12 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 25RB#0 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 25RB#25 | 22.63 | 21.31 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 50RB#0 | 22.79 | 21.47 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#24 | 23.58 | 22.26 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#49 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#0 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 25RB#25 | 22.62 | 21.30 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 25RB#0 | 22.61 | 21.29 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 25RB#12 | 22.64 | 21.32 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 50RB#0 | 22.68 | 21.36 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#49 | 23.60 | 22.28 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#24 | 23.61 | 22.29 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#0 | 23.56 | 22.24 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 25RB#25 | 22.72 | 21.40 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 25RB#0 | 22.68 | 21.36 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 25RB#12 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 50RB#0 | 22.78 | 21.46 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24 | 22.76 | 21.44 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49 | 22.68 | 21.36 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 22.60 | 21.28 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0 | 21.75 | 20.43 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 21.75 | 20.43 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 21.67 | 20.35 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 21.69 | 20.37 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49 | 22.59 | 21.27 | 33.00 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 22.64 | 21.32 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24 | 22.64 | 21.32 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0 | 21.66 | 20.34 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 21.63 | 20.31 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 21.68 | 20.36 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 21.69 | 20.37 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 22.72 | 21.40 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49 | 22.71 | 21.39 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24 | 22.67 | 21.35 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 21.72 | 20.40 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0 | 21.74 | 20.42 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 21.76 | 20.44 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 21.74 | 20.42 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#0 | 21.56 | 20.24 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#24 | 21.48 | 20.16 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#49 | 21.52 | 20.20 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#12 | 20.64 | 19.32 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#0 | 20.58 | 19.26 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#25 | 20.56 | 19.24 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 50RB#0 | 20.70 | 19.38 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#0 | 21.35 | 20.03 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#49 | 21.53 | 20.21 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#24 | 21.51 | 20.19 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#0 | 20.48 | 19.16 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#25 | 20.49 | 19.17 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#12 | 20.56 | 19.24 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 50RB#0 | 20.53 | 19.21 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#0 | 21.41 | 20.09 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#49 | 21.40 | 20.08 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#24 | 21.39 | 20.07 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#0 | 20.65 | 19.33 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#12 | 20.59 | 19.27 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#25 | 20.57 | 19.25 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 10MHz | 64QAM | 41540 | 50RB#0 | 20.65 | 19.33 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#74 | 23.71 | 22.39 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#38 | 23.71 | 22.39 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#0 | 23.67 | 22.35 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 36RB#39 | 22.73 | 21.41 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 36RB#18 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 36RB#0 | 22.65 | 21.33 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 75RB#0 | 22.67 | 21.35 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#0 | 23.58 | 22.26 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#38 | 23.72 | 22.40 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#74 | 23.61 | 22.29 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 36RB#0 | 22.56 | 21.24 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 36RB#18 | 22.60 | 21.28 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 36RB#39 | 22.63 | 21.31 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 75RB#0 | 22.63 | 21.31 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#0 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#38 | 23.63 | 22.31 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#74 | 23.55 | 22.23 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 36RB#0 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 36RB#18 | 22.66 | 21.34 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 36RB#39 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 75RB#0 | 22.70 | 21.38 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38 | 22.68 | 21.36 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#0 | 21.66 | 20.34 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#18 | 21.65 | 20.33 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#39 | 21.62 | 20.30 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 21.78 | 20.46 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38 | 22.56 | 21.24 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74 | 22.68 | 21.36 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 22.62 | 21.30 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#39 | 21.52 | 20.20 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 15MHz | 16QAM | 40620 | 36RB#0 | 21.63 | 20.31 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#18 | 21.61 | 20.29 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0 | 21.72 | 20.40 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 22.76 | 21.44 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38 | 22.68 | 21.36 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74 | 22.67 | 21.35 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#18 | 21.69 | 20.37 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#0 | 21.66 | 20.34 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#39 | 21.67 | 20.35 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0 | 21.68 | 20.36 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#38 | 21.51 | 20.19 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#0 | 21.54 | 20.22 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#74 | 21.50 | 20.18 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#0 | 20.68 | 19.36 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#39 | 20.55 | 19.23 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#18 | 20.50 | 19.18 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0 | 20.56 | 19.24 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#38 | 21.41 | 20.09 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#74 | 21.51 | 20.19 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#0 | 21.43 | 20.11 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#0 | 20.50 | 19.18 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#18 | 20.53 | 19.21 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#39 | 20.51 | 19.19 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0 | 20.54 | 19.22 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#0 | 21.45 | 20.13 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#38 | 21.46 | 20.14 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#74 | 21.37 | 20.05 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#0 | 20.57 | 19.25 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#18 | 20.61 | 19.29 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#39 | 20.54 | 19.22 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 75RB#0 | 20.55 | 19.23 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#0 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#49 | 23.66 | 22.34 | 33.00 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 39750 | 1RB#99 | 23.64 | 22.32 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 50RB#25 | 22.73 | 21.41 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 50RB#0 | 22.73 | 21.41 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 50RB#50 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | 22.71 | 21.39 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#99 | 23.76 | 22.44 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#0 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#49 | 23.58 | 22.26 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 50RB#0 | 22.60 | 21.28 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 50RB#25 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 50RB#50 | 22.71 | 21.39 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 22.67 | 21.35 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#49 | 23.60 | 22.28 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#0 | 23.68 | 22.36 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#99 | 23.54 | 22.22 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 50RB#25 | 22.81 | 21.49 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 50RB#0 | 22.77 | 21.45 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 50RB#50 | 22.74 | 21.42 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | 22.73 | 21.41 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 22.69 | 21.37 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49 | 22.74 | 21.42 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99 | 22.61 | 21.29 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 21.75 | 20.43 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0 | 21.76 | 20.44 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 21.65 | 20.33 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 21.69 | 20.37 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 22.53 | 21.21 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49 | 22.67 | 21.35 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99 | 22.58 | 21.26 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0 | 21.70 | 20.38 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 21.68 | 20.36 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 21.72 | 20.40 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 21.67 | 20.35 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99 | 22.68 | 21.36 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 22.73 | 21.41 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49 | 22.63 | 21.31 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0 | 21.81 | 20.49 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 21.78 | 20.46 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 21.75 | 20.43 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 21.67 | 20.35 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#0 | 21.47 | 20.15 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#49 | 21.44 | 20.12 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#99 | 21.39 | 20.07 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#0 | 20.62 | 19.30 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#25 | 20.65 | 19.33 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#50 | 20.62 | 19.30 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 20.62 | 19.30 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#0 | 21.54 | 20.22 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#99 | 21.48 | 20.16 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#49 | 21.39 | 20.07 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#0 | 20.47 | 19.15 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#25 | 20.64 | 19.32 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#50 | 20.64 | 19.32 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 20.52 | 19.20 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#0 | 21.44 | 20.12 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#99 | 21.45 | 20.13 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#49 | 21.30 | 19.98 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#50 | 20.70 | 19.38 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#25 | 20.70 | 19.38 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#0 | 20.68 | 19.36 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 20.62 | 19.30 | 33.00 | PASS |

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**ANT31:**

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | QPSK | 39675 | 1RB#0 | 23.11 | 20.83 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 1RB#12 | 23.09 | 20.81 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 1RB#24 | 22.99 | 20.71 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 12RB#6 | 22.10 | 19.82 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 12RB#0 | 22.06 | 19.78 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 12RB#13 | 22.11 | 19.83 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 25RB#0 | 22.08 | 19.80 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#24 | 22.81 | 20.53 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#0 | 22.92 | 20.64 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#12 | 22.82 | 20.54 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 12RB#0 | 21.81 | 19.53 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 12RB#6 | 21.81 | 19.53 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 12RB#13 | 21.77 | 19.49 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 25RB#0 | 21.76 | 19.48 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#12 | 22.41 | 20.13 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#0 | 22.47 | 20.19 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#24 | 22.40 | 20.12 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 12RB#13 | 21.54 | 19.26 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 12RB#6 | 21.43 | 19.15 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 12RB#0 | 21.44 | 19.16 | 33.00 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 25RB#0 | 21.47 | 19.19 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#0 | 22.15 | 19.87 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#24 | 22.05 | 19.77 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#12 | 22.00 | 19.72 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 12RB#0 | 21.02 | 18.74 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 12RB#6 | 20.96 | 18.68 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 12RB#13 | 21.03 | 18.75 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 25RB#0 | 21.12 | 18.84 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#0 | 21.82 | 19.54 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#12 | 21.79 | 19.51 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#24 | 21.74 | 19.46 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | 16QAM | 40620 | 12RB#13 | 20.78 | 18.50 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#6 | 20.76 | 18.48 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#0 | 20.74 | 18.46 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 25RB#0 | 20.83 | 18.55 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#0 | 21.42 | 19.14 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#12 | 21.45 | 19.17 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#24 | 21.41 | 19.13 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#0 | 20.46 | 18.18 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#6 | 20.45 | 18.17 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#13 | 20.39 | 18.11 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 25RB#0 | 20.54 | 18.26 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#0 | 20.78 | 18.50 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#24 | 20.82 | 18.54 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#12 | 20.74 | 18.46 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#13 | 20.07 | 17.79 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#6 | 20.14 | 17.86 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#0 | 20.13 | 17.85 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 25RB#0 | 20.10 | 17.82 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#0 | 20.72 | 18.44 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#12 | 20.86 | 18.58 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#24 | 20.81 | 18.53 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#0 | 19.78 | 17.50 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#6 | 19.79 | 17.51 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#13 | 19.69 | 17.41 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 25RB#0 | 19.65 | 17.37 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#0 | 20.34 | 18.06 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#24 | 20.38 | 18.10 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#12 | 20.28 | 18.00 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 12RB#0 | 19.48 | 17.20 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 12RB#6 | 19.28 | 17.00 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 12RB#13 | 19.33 | 17.05 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 25RB#0 | 19.32 | 17.04 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#49 | 23.08 | 20.80 | 33.00 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band41 | 10MHz | QPSK | 39700 | 1RB#24 | 23.02 | 20.74 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#0 | 22.94 | 20.66 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 25RB#12 | 22.02 | 19.74 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 25RB#0 | 21.94 | 19.66 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 25RB#25 | 22.02 | 19.74 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 50RB#0 | 22.04 | 19.76 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#24 | 22.76 | 20.48 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#49 | 22.85 | 20.57 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#0 | 22.80 | 20.52 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 25RB#25 | 21.80 | 19.52 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 25RB#0 | 21.80 | 19.52 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 25RB#12 | 21.81 | 19.53 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 50RB#0 | 21.85 | 19.57 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#49 | 22.44 | 20.16 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#24 | 22.40 | 20.12 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#0 | 22.40 | 20.12 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 25RB#25 | 21.50 | 19.22 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 25RB#0 | 21.48 | 19.20 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 25RB#12 | 21.47 | 19.19 | 33.00 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 50RB#0 | 21.49 | 19.21 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24 | 22.07 | 19.79 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49 | 22.04 | 19.76 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 21.94 | 19.66 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0 | 21.11 | 18.83 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 21.06 | 18.78 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 21.00 | 18.72 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 21.10 | 18.82 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49 | 21.76 | 19.48 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 21.80 | 19.52 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24 | 21.80 | 19.52 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0 | 20.82 | 18.54 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 20.82 | 18.54 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 20.88 | 18.60 | 33.00 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 20.84 | 18.56 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 21.51 | 19.23 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49 | 21.45 | 19.17 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24 | 21.47 | 19.19 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 20.47 | 18.19 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0 | 20.55 | 18.27 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 20.50 | 18.22 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 20.55 | 18.27 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#0 | 20.81 | 18.53 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#24 | 20.76 | 18.48 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#49 | 20.75 | 18.47 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#12 | 19.96 | 17.68 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#0 | 19.99 | 17.71 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#25 | 20.07 | 17.79 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 50RB#0 | 20.14 | 17.86 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#0 | 20.68 | 18.40 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#49 | 20.77 | 18.49 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#24 | 20.79 | 18.51 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#0 | 19.67 | 17.39 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#25 | 19.79 | 17.51 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#12 | 19.76 | 17.48 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 50RB#0 | 19.78 | 17.50 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#0 | 20.44 | 18.16 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#49 | 20.40 | 18.12 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#24 | 20.28 | 18.00 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#0 | 19.49 | 17.21 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#12 | 19.39 | 17.11 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#25 | 19.32 | 17.04 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 50RB#0 | 19.43 | 17.15 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#74 | 23.07 | 20.79 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#38 | 22.99 | 20.71 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#0 | 22.83 | 20.55 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 36RB#39 | 22.07 | 19.79 | 33.00 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band41 | 15MHz | QPSK | 39725 | 36RB#18 | 22.00 | 19.72 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 36RB#0 | 21.93 | 19.65 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 75RB#0 | 21.96 | 19.68 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#0 | 22.71 | 20.43 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#38 | 22.80 | 20.52 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#74 | 22.80 | 20.52 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 36RB#0 | 21.74 | 19.46 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 36RB#18 | 21.78 | 19.50 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 36RB#39 | 21.76 | 19.48 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 75RB#0 | 21.80 | 19.52 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#0 | 22.48 | 20.20 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#38 | 22.38 | 20.10 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#74 | 22.32 | 20.04 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 36RB#0 | 21.47 | 19.19 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 36RB#18 | 21.43 | 19.15 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 36RB#39 | 21.40 | 19.12 | 33.00 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 75RB#0 | 21.48 | 19.20 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74 | 22.03 | 19.75 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38 | 21.93 | 19.65 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 21.84 | 19.56 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#0 | 20.90 | 18.62 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#18 | 20.96 | 18.68 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#39 | 20.88 | 18.60 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 21.02 | 18.74 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38 | 21.72 | 19.44 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74 | 21.79 | 19.51 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 21.73 | 19.45 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#39 | 20.72 | 18.44 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#0 | 20.75 | 18.47 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#18 | 20.72 | 18.44 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0 | 20.76 | 18.48 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 21.52 | 19.24 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38 | 21.45 | 19.17 | 33.00 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74 | 21.37 | 19.09 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#18 | 20.47 | 18.19 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#0 | 20.45 | 18.17 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#39 | 20.39 | 18.11 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0 | 20.46 | 18.18 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#38 | 20.92 | 18.64 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#0 | 20.88 | 18.60 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#74 | 20.80 | 18.52 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#0 | 20.07 | 17.79 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#39 | 20.02 | 17.74 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#18 | 19.86 | 17.58 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0 | 20.05 | 17.77 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#38 | 20.68 | 18.40 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#74 | 20.69 | 18.41 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#0 | 20.67 | 18.39 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#0 | 19.72 | 17.44 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#18 | 19.78 | 17.50 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#39 | 19.64 | 17.36 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0 | 19.71 | 17.43 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#0 | 20.36 | 18.08 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#38 | 20.33 | 18.05 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#74 | 20.32 | 18.04 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#0 | 19.42 | 17.14 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#18 | 19.37 | 17.09 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#39 | 19.38 | 17.10 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 75RB#0 | 19.41 | 17.13 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#0 | 23.01 | 20.73 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#49 | 22.97 | 20.69 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#99 | 22.79 | 20.51 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 50RB#25 | 21.95 | 19.67 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 50RB#0 | 21.94 | 19.66 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 50RB#50 | 21.93 | 19.65 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | 22.00 | 19.72 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 40620 | 1RB#99 | 23.03 | 20.75 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#0 | 22.79 | 20.51 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#49 | 22.68 | 20.40 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 50RB#0 | 21.77 | 19.49 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 50RB#25 | 21.81 | 19.53 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 50RB#50 | 21.79 | 19.51 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 21.80 | 19.52 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#49 | 22.37 | 20.09 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#0 | 22.41 | 20.13 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#99 | 22.27 | 19.99 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 50RB#25 | 21.56 | 19.28 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 50RB#0 | 21.51 | 19.23 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 50RB#50 | 21.47 | 19.19 | 33.00 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | 21.51 | 19.23 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 22.01 | 19.73 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49 | 21.98 | 19.70 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99 | 21.82 | 19.54 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 20.96 | 18.68 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0 | 20.96 | 18.68 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 20.99 | 18.71 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 20.88 | 18.60 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 21.65 | 19.37 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49 | 21.80 | 19.52 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99 | 21.71 | 19.43 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0 | 20.78 | 18.50 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 20.82 | 18.54 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 20.81 | 18.53 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 20.75 | 18.47 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99 | 21.50 | 19.22 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 21.46 | 19.18 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49 | 21.36 | 19.08 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0 | 20.56 | 18.28 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 20.50 | 18.22 | 33.00 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 20.50 | 18.22 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 20.49 | 18.21 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#0 | 20.75 | 18.47 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#49 | 20.87 | 18.59 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#99 | 20.75 | 18.47 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#0 | 19.98 | 17.70 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#25 | 19.97 | 17.69 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#50 | 20.02 | 17.74 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 19.98 | 17.70 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#0 | 20.88 | 18.60 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#99 | 20.69 | 18.41 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#49 | 20.66 | 18.38 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#0 | 19.69 | 17.41 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#25 | 19.69 | 17.41 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#50 | 19.77 | 17.49 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 19.79 | 17.51 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#0 | 20.29 | 18.01 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#99 | 20.29 | 18.01 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#49 | 20.24 | 17.96 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#50 | 19.41 | 17.13 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#25 | 19.51 | 17.23 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#0 | 19.45 | 17.17 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 19.41 | 17.13 | 33.00 | PASS |

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator

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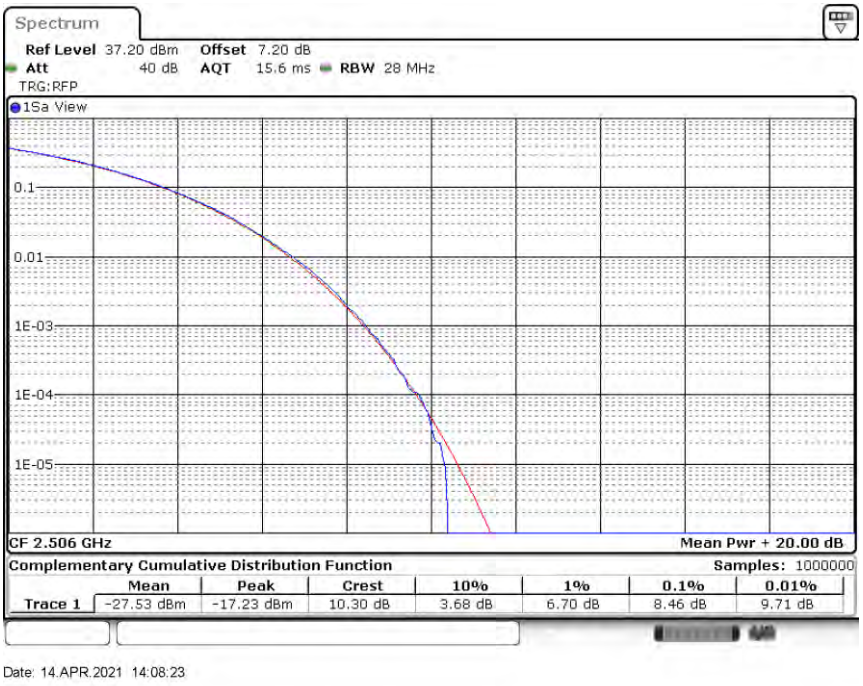
# 2. Peak-to-Average Ratio (CCDF)

## 2.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | 8.46 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 8.87 | 13 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | 8.64 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 7.30 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 9.97 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 9.77 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 9.57 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 9.54 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 9.54 | 13 | PASS |

## 2.2. Test Plots

Band41-20MHz-QPSK-39750-100RB#0

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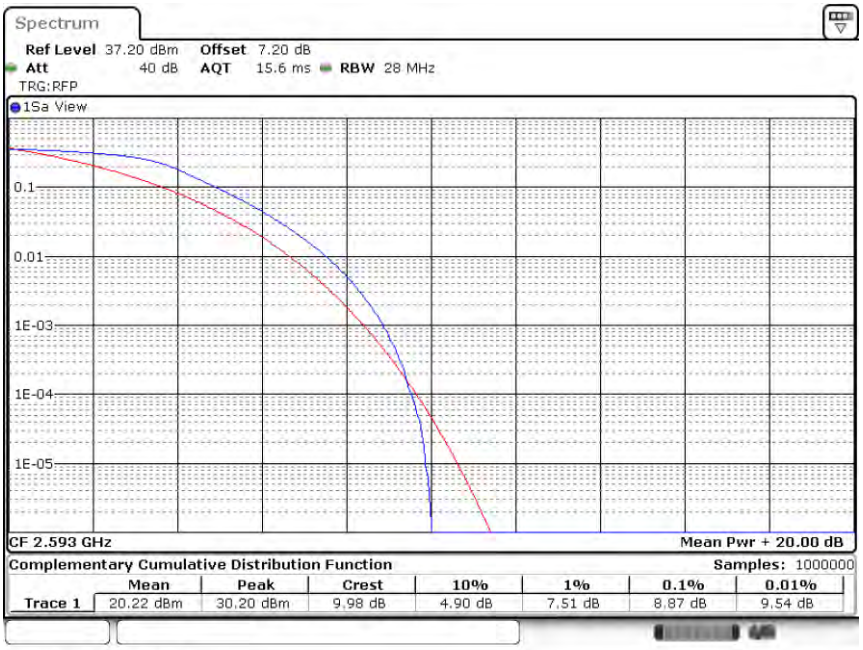
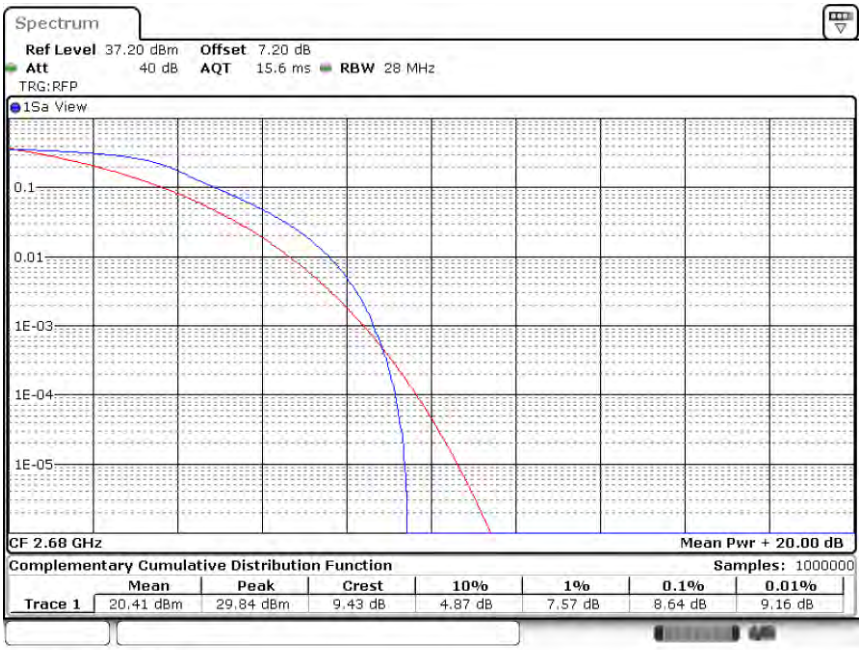



Date: 14.APR.2021 14:08:45

Band41-20MHz-QPSK-41490-100RB#0

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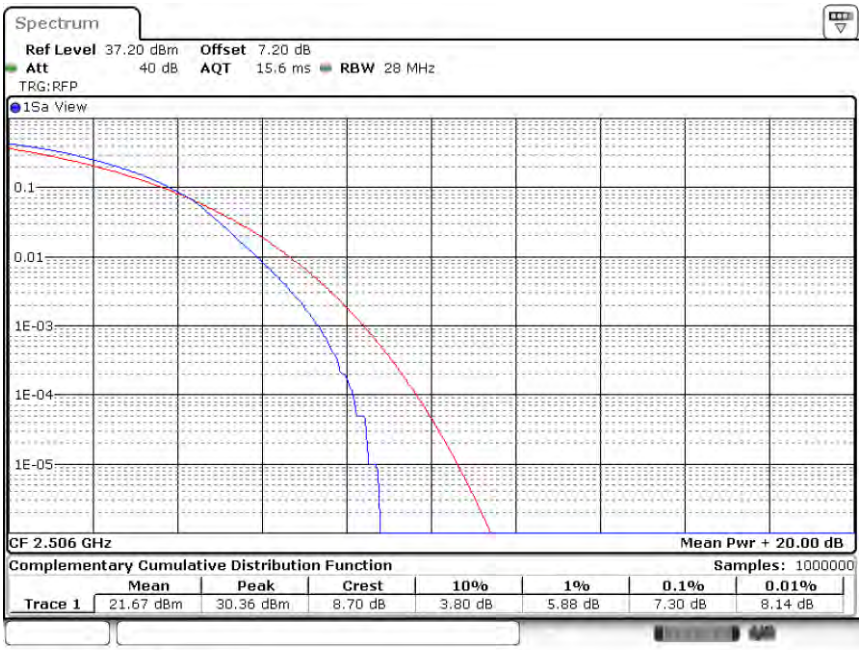


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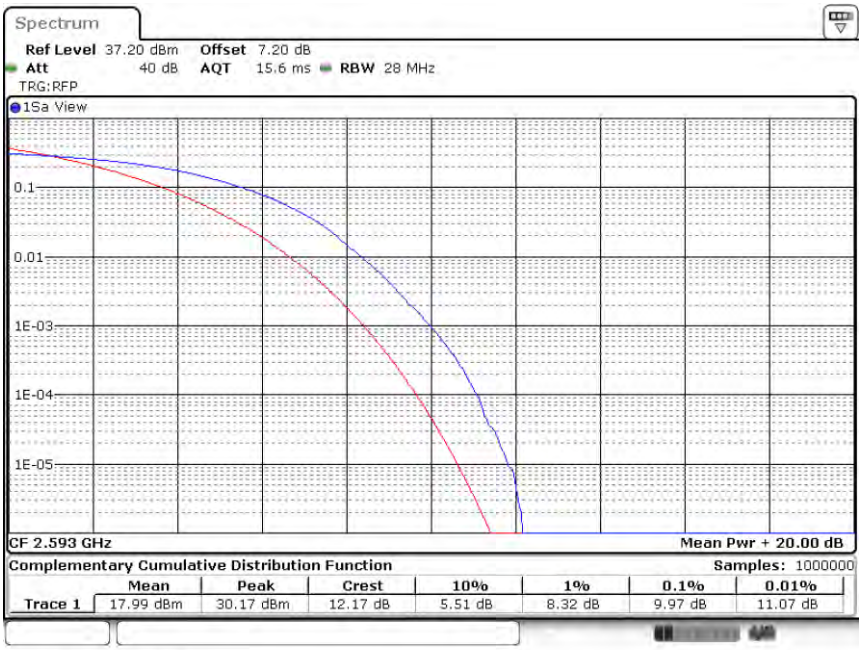
Band41-20MHz-64QAM-40620-100RB#0

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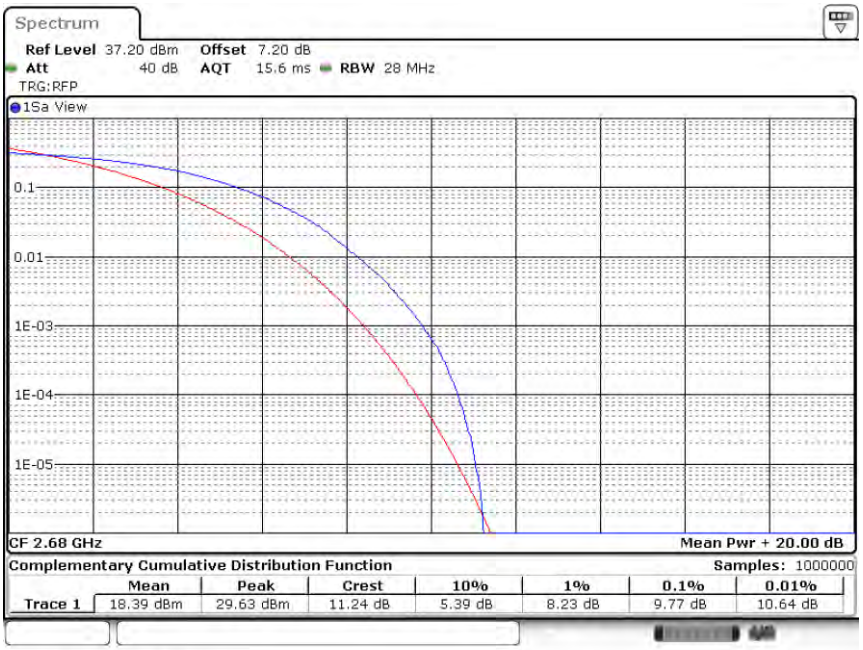


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Band41-20MHz-16QAM-39750-100RB#0

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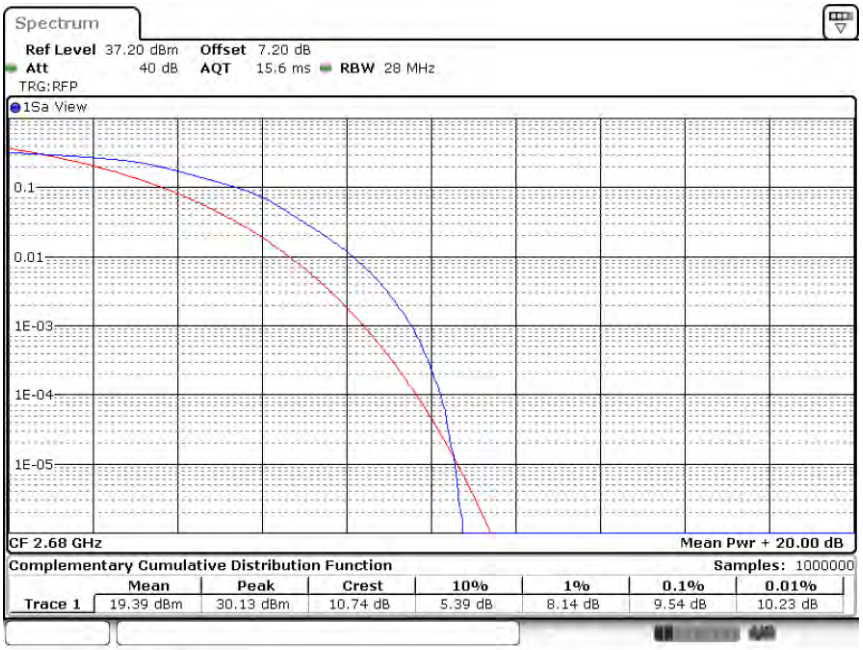


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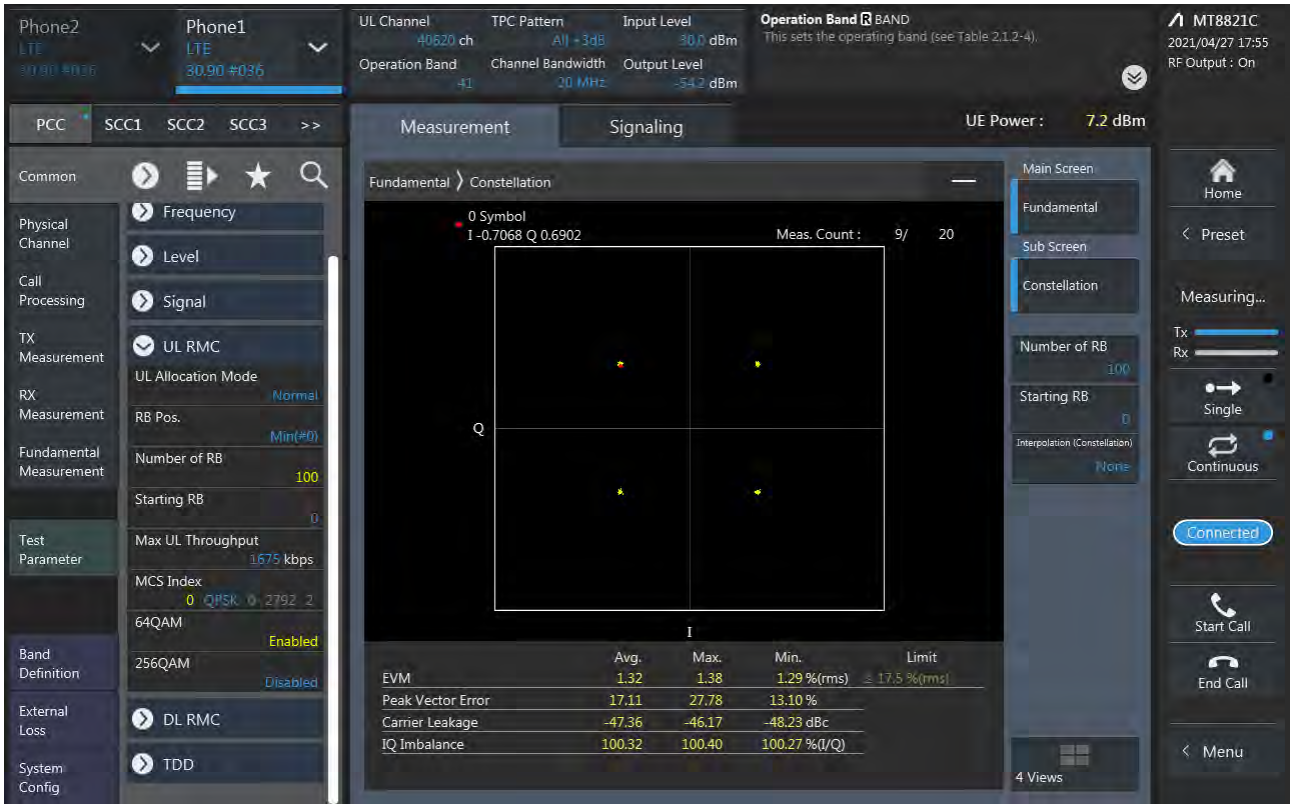
# 3. Modulation Characteristics

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

### 3.1.1. Test Channel = MCH

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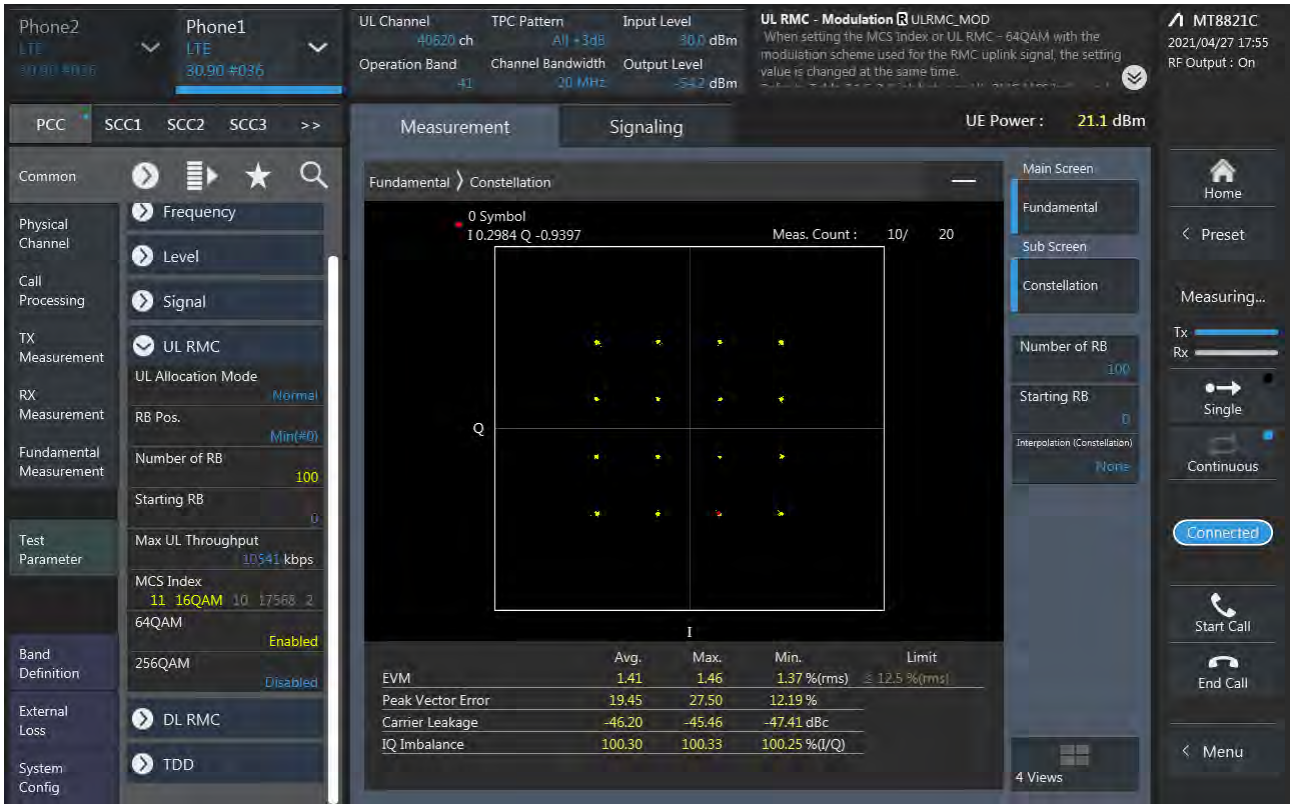
## 3.2. Test Mode = LTE /TM2 20MHz

### 3.2.1.Test Channel = MCH

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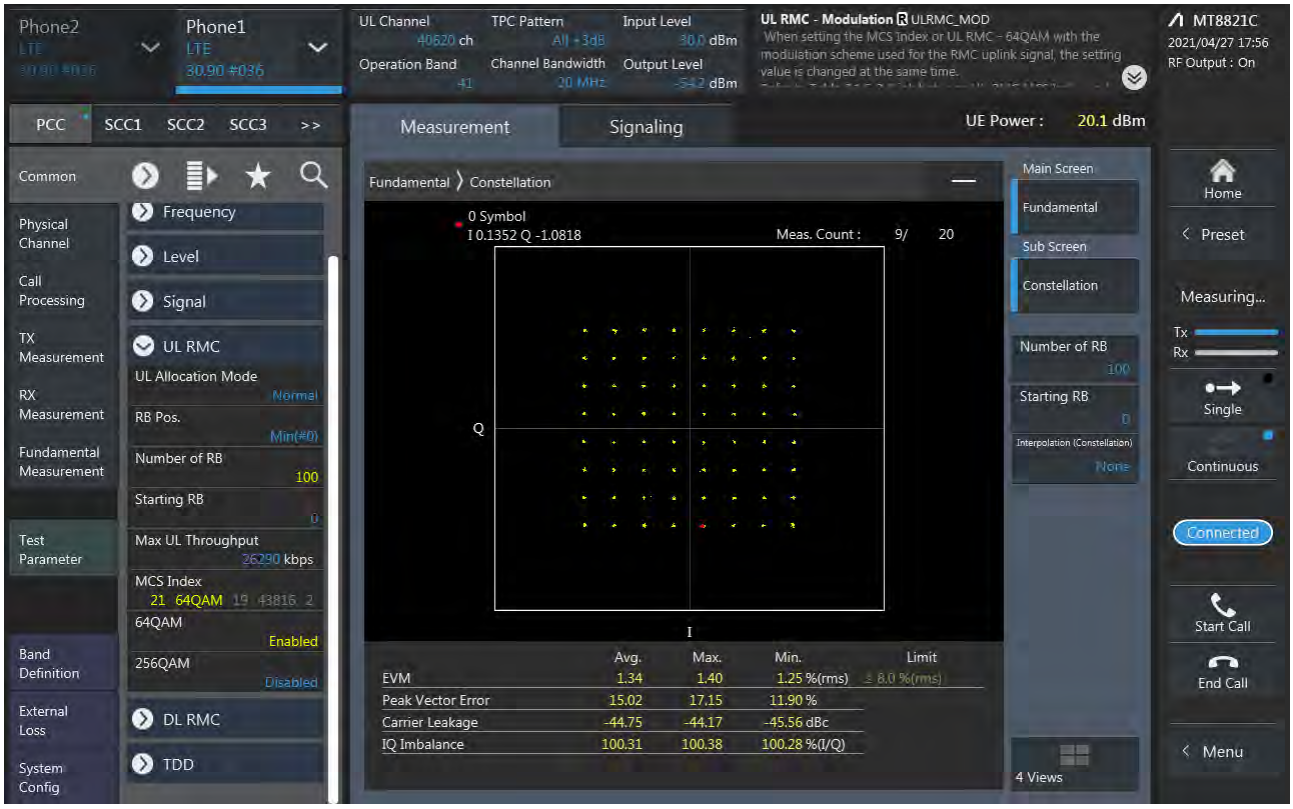
## 3.3. Test Mode = LTE /TM3 20MHz

### 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 |
|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | QPSK | 39675 | 25RB#0 | 4.476 | 4.870 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 25RB#0 | 4.476 | 4.890 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 25RB#0 | 4.476 | 4.880 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 25RB#0 | 4.486 | 5.020 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 25RB#0 | 4.486 | 4.990 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 25RB#0 | 4.486 | 4.990 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 25RB#0 | 4.496 | 4.890 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 25RB#0 | 4.496 | 4.890 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 25RB#0 | 4.496 | 4.910 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 50RB#0 | 8.911 | 9.700 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 50RB#0 | 8.911 | 9.920 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 50RB#0 | 8.911 | 9.980 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 50RB#0 | 8.951 | 10.040 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 50RB#0 | 8.971 | 10.320 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 50RB#0 | 8.971 | 10.260 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 8.931 | 9.920 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 8.951 | 10.520 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 8.951 | 10.700 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 75RB#0 | 13.487 | 16.410 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 75RB#0 | 13.516 | 17.100 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 75RB#0 | 13.487 | 15.660 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0 | 13.487 | 15.120 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0 | 13.457 | 15.510 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 75RB#0 | 13.427 | 14.910 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 13.487 | 15.750 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0 | 13.516 | 17.160 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0 | 13.457 | 15.240 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 17.982 | 20.920 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | 17.942 | 20.000 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 17.902 | 19.640 | PASS |

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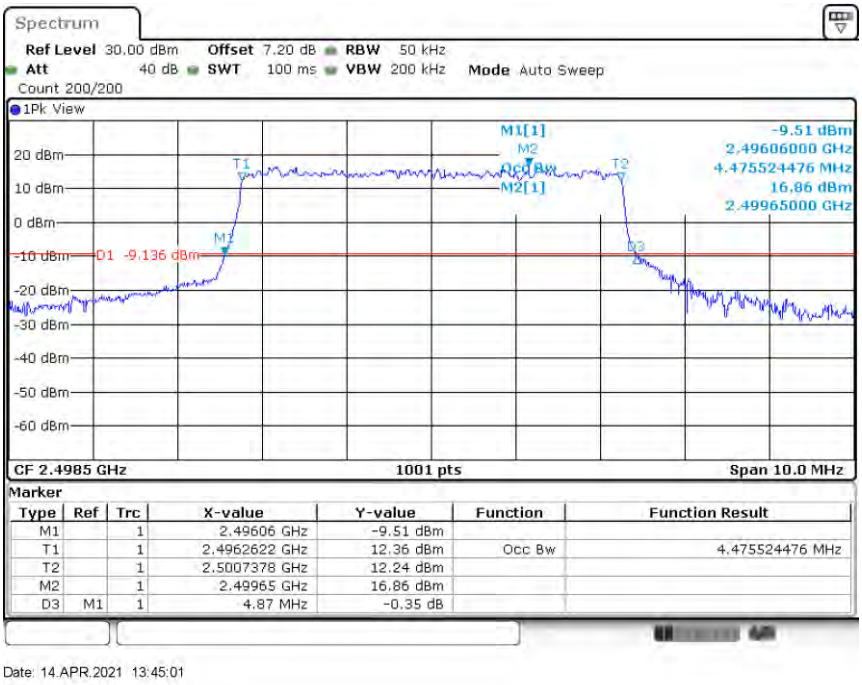
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 17.902 | 19.680 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 17.902 | 19.680 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 17.862 | 19.280 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 17.902 | 19.280 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 17.862 | 19.320 | PASS |

## 4.2. Test Plots

Band41-5MHz-QPSK-39675-25RB#0-4.476

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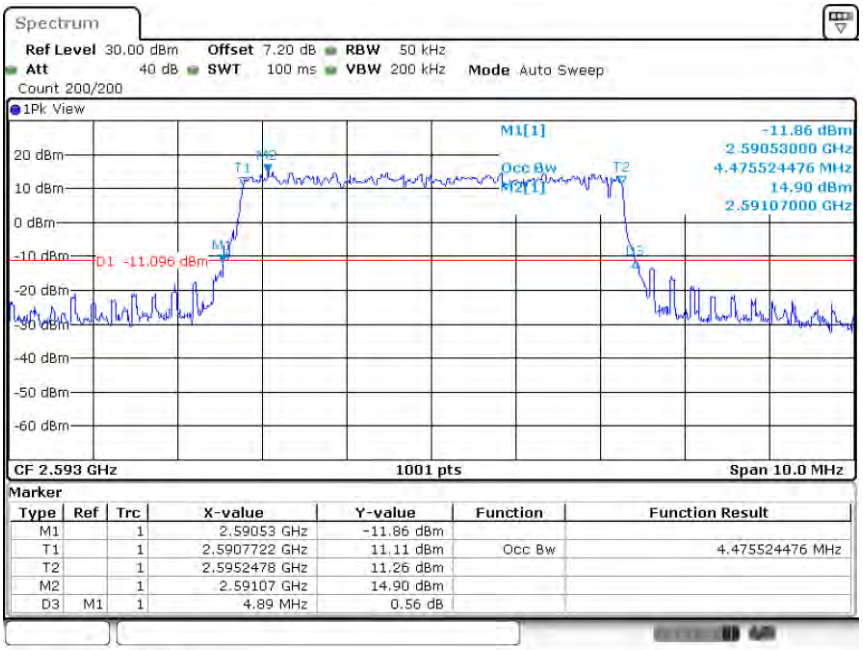
Band41-5MHz-QPSK-40620-25RB#0-4.476

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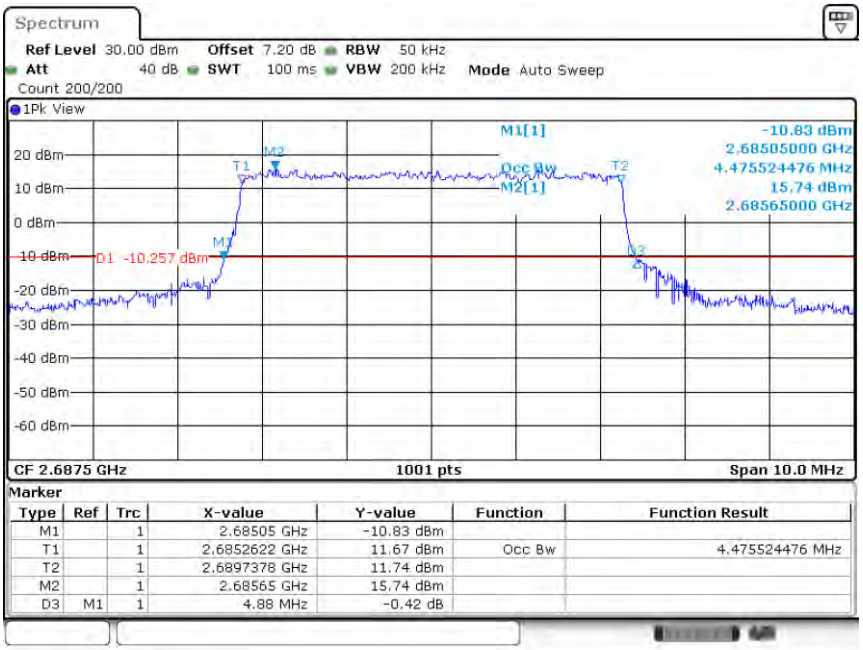


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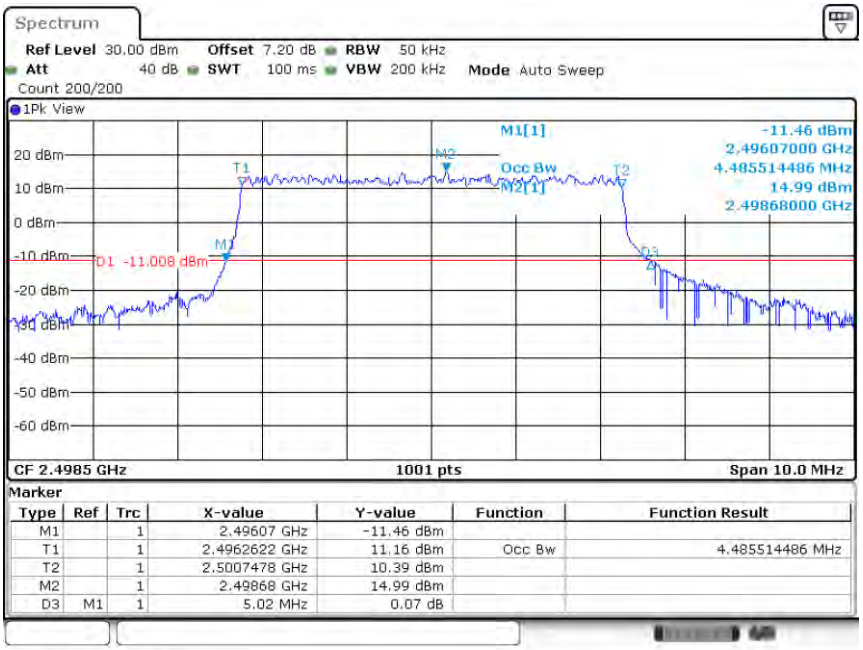
Band41-5MHz-64QAM-39675-25RB#0-4.486

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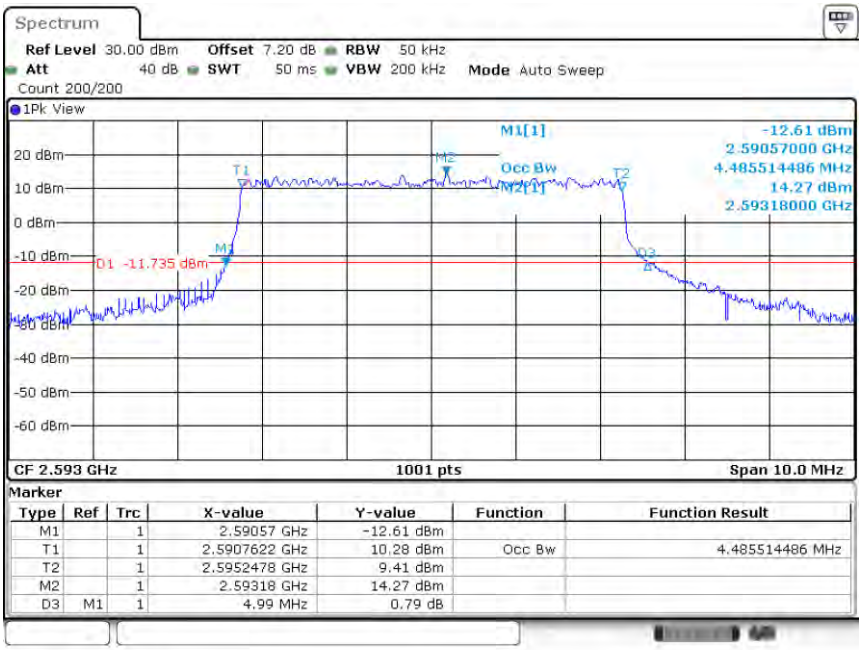
Band41-5MHz-64QAM-40620-25RB#0-4.486

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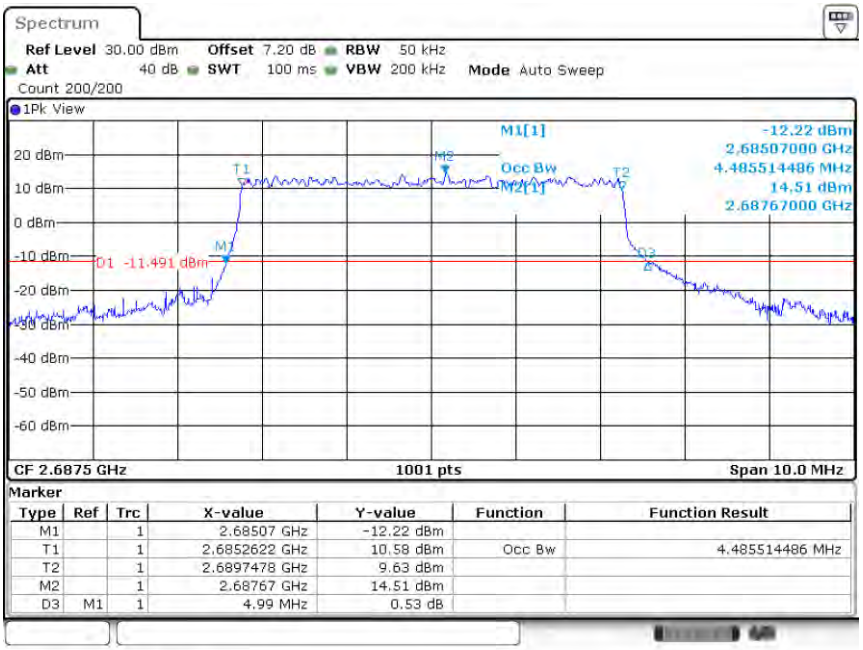


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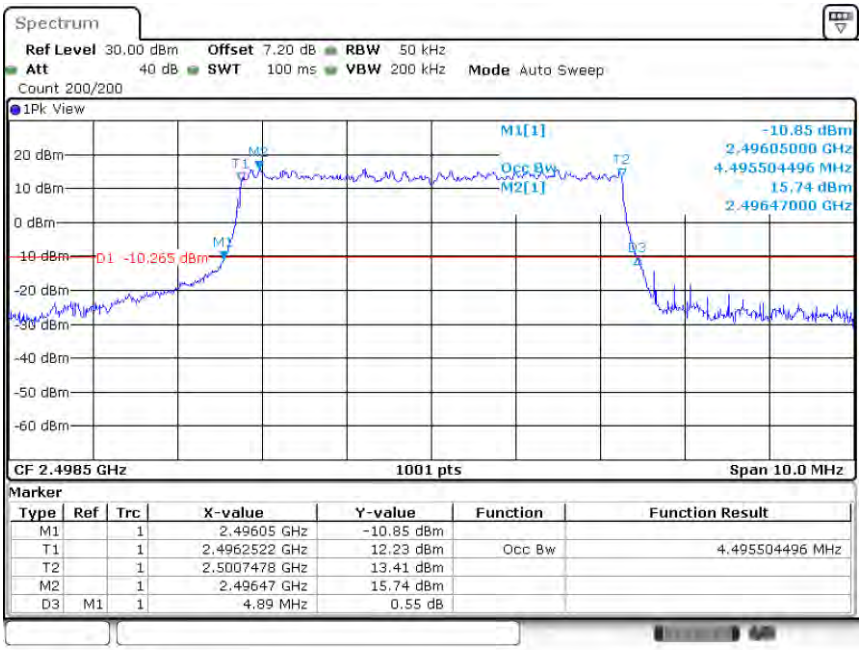


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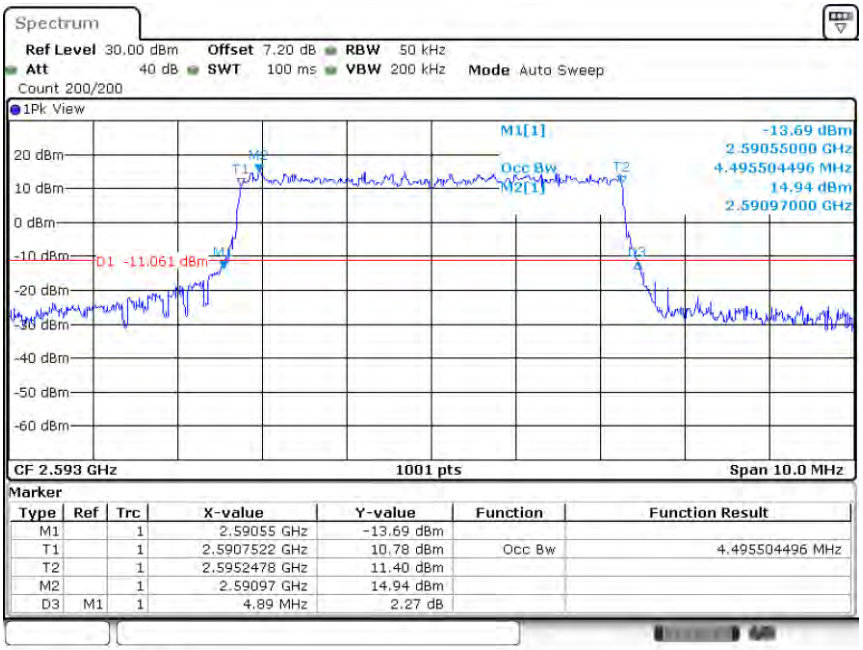
Band41-5MHz-16QAM-40620-25RB#0-4.496

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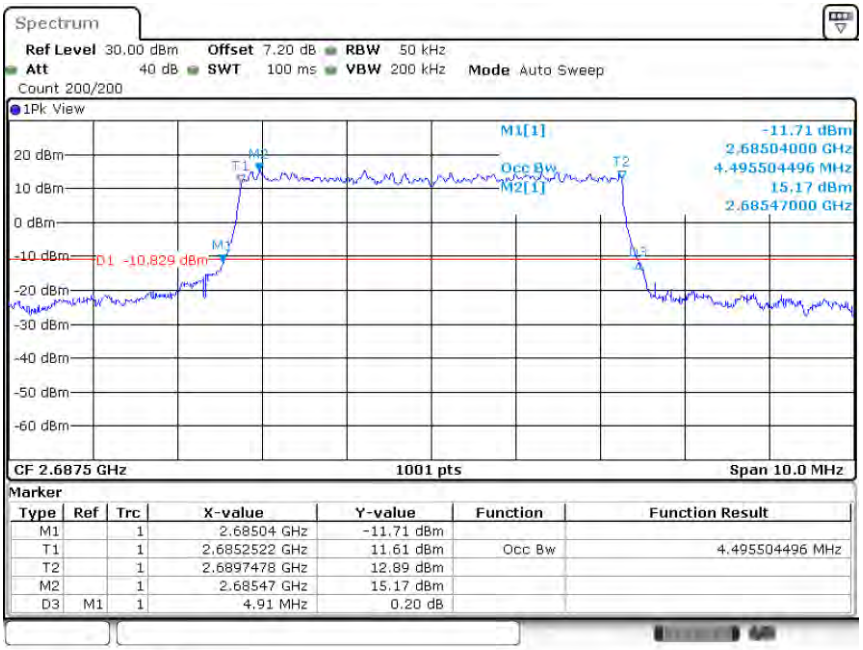


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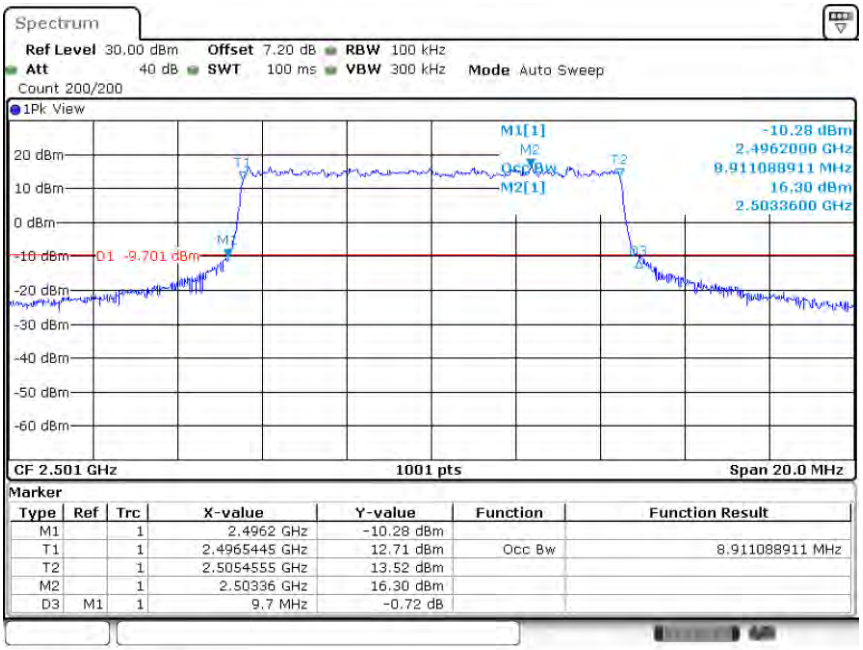
Band41-10MHz-QPSK-39700-50RB#0-8.911

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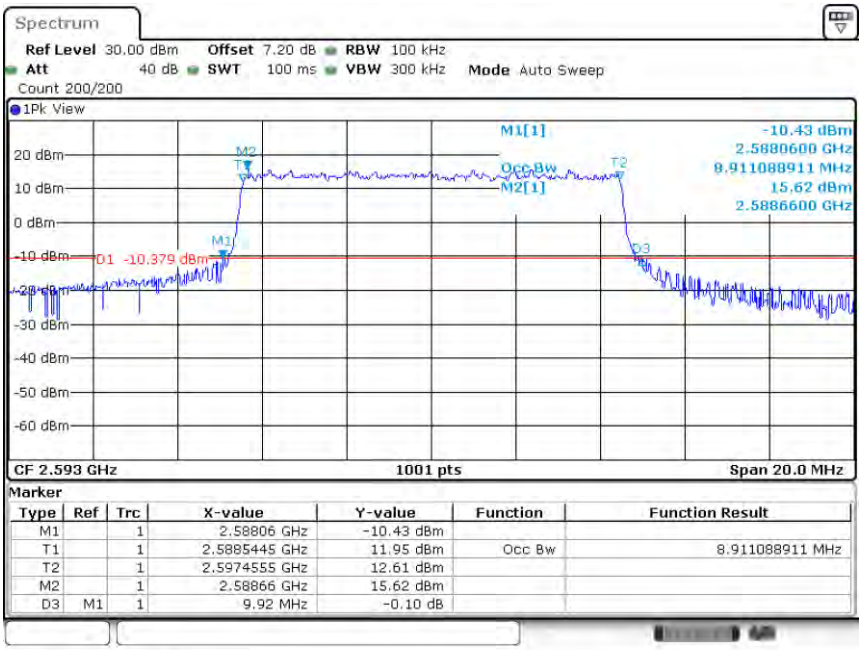


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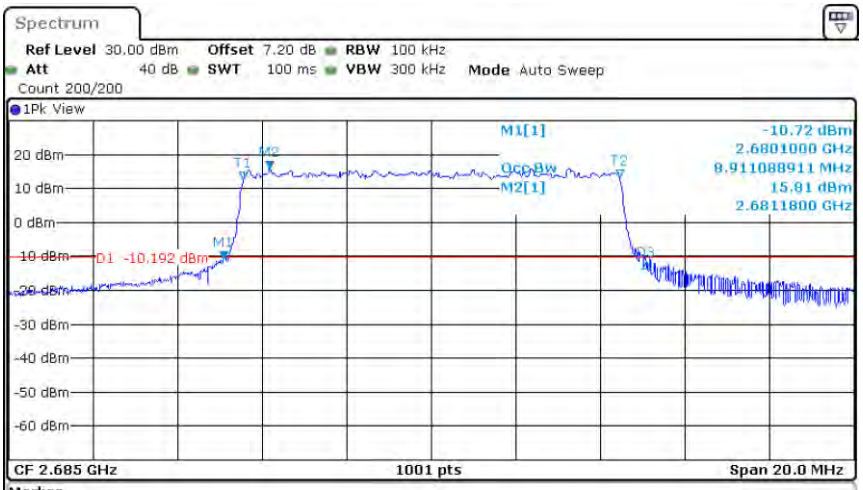
Band41-10MHz-QPSK-41540-50RB#0-8.911

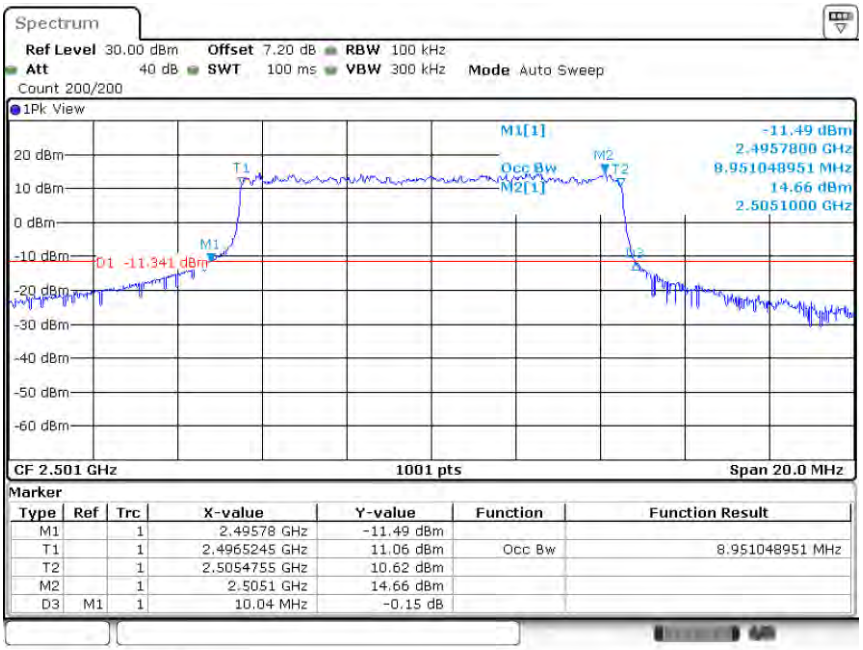



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.6801 GHz | -10.72 dBm | | |
| T1 | | 1 | 2.6805445 GHz | 12.44 dBm | Occ Bw | 8.911088911 MHz |
| T2 | | 1 | 2.6894555 GHz | 13.08 dBm | | |
| M2 | | 1 | 2.68118 GHz | 15.81 dBm | | |
| D3 | M1 | 1 | 9.98 MHz | -0.82 dB | | |

Date: 14.APR.2021 13:54:05

Band41-10MHz-64QAM-39700-50RB#0-8.951




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.49578 GHz | -11.49 dBm | | |
| T1 | | 1 | 2.4965245 GHz | 11.06 dBm | Occ Bw | 8.951048951 MHz |
| T2 | | 1 | 2.5054755 GHz | 10.62 dBm | | |
| M2 | | 1 | 2.5051 GHz | 14.66 dBm | | |
| D3 | M1 | 1 | 10.04 MHz | -0.15 dB | | |

Date: 14.APR.2021 14:12:40

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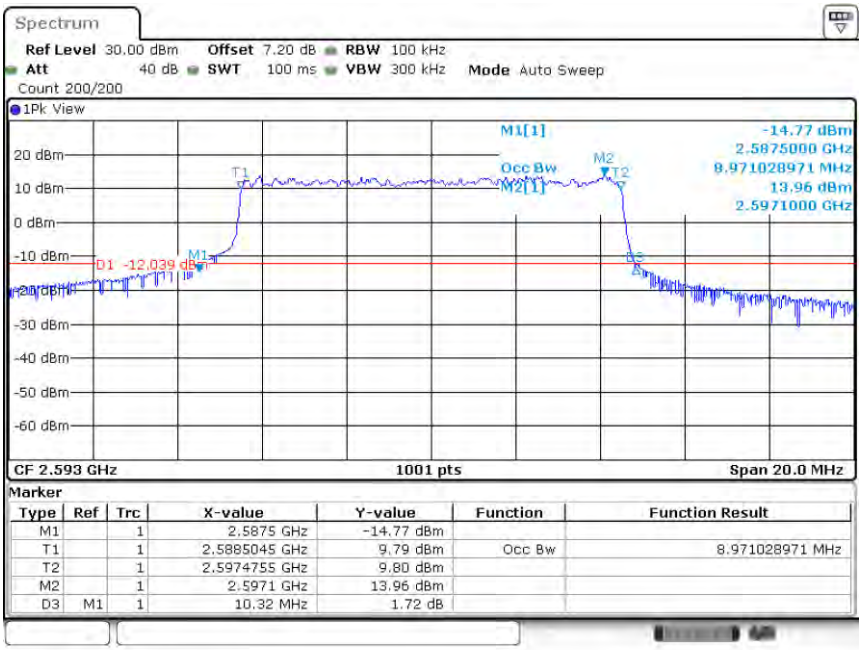
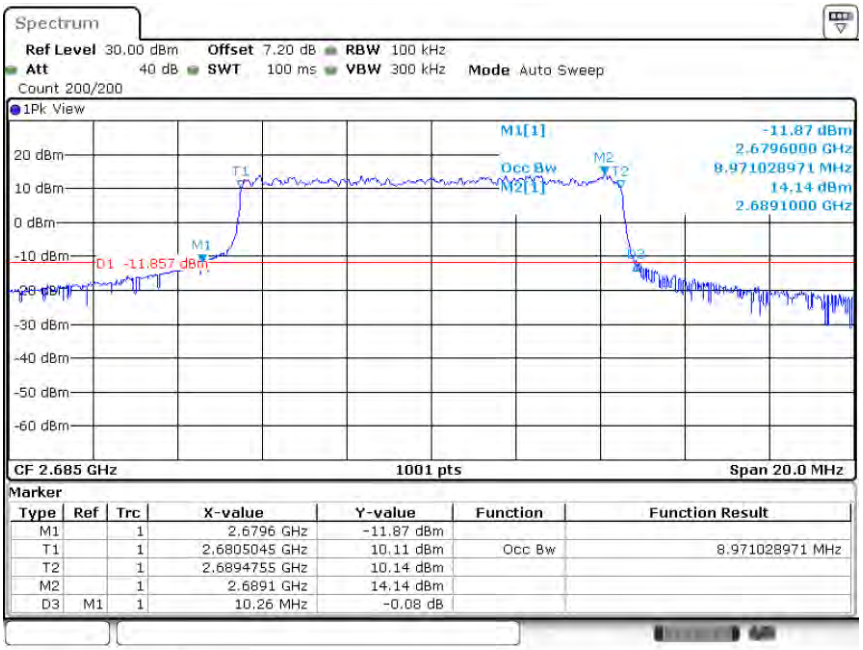
Band41-10MHz-64QAM-40620-50RB#0-8.971




Date: 14.APR.2021 14:13:34

Band41-10MHz-64QAM-41540-50RB#0-8.971




Date: 14.APR.2021 14:14:27

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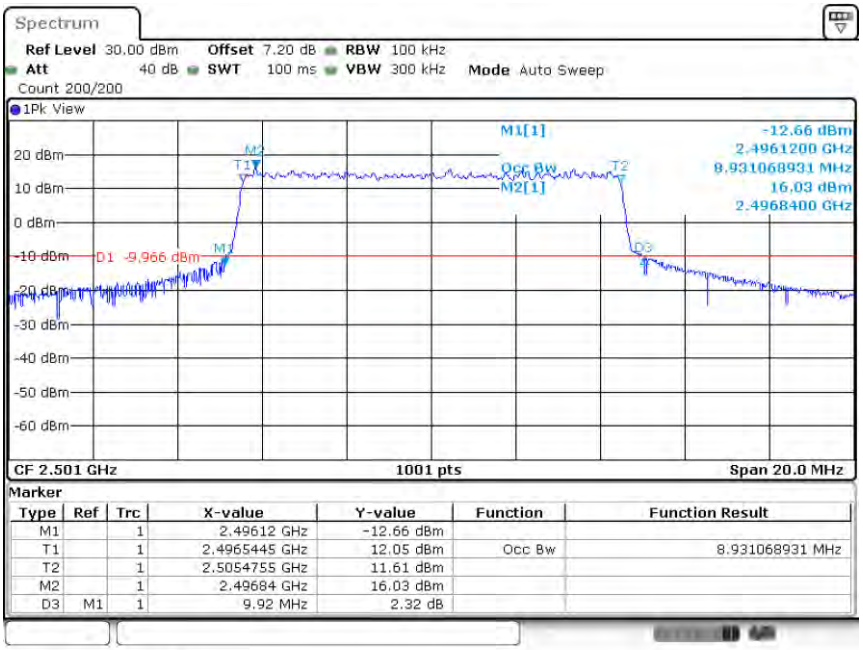
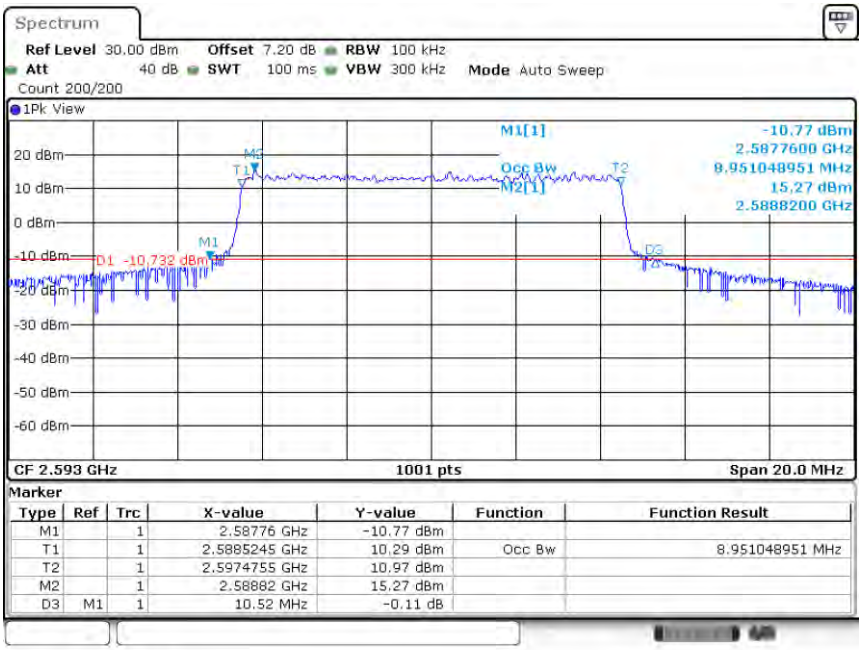
Band41-10MHz-16QAM-39700-50RB#0-8.931




Date: 14.APR.2021 13:51:26

Band41-10MHz-16QAM-40620-50RB#0-8.951




Date: 14.APR.2021 13:53:04

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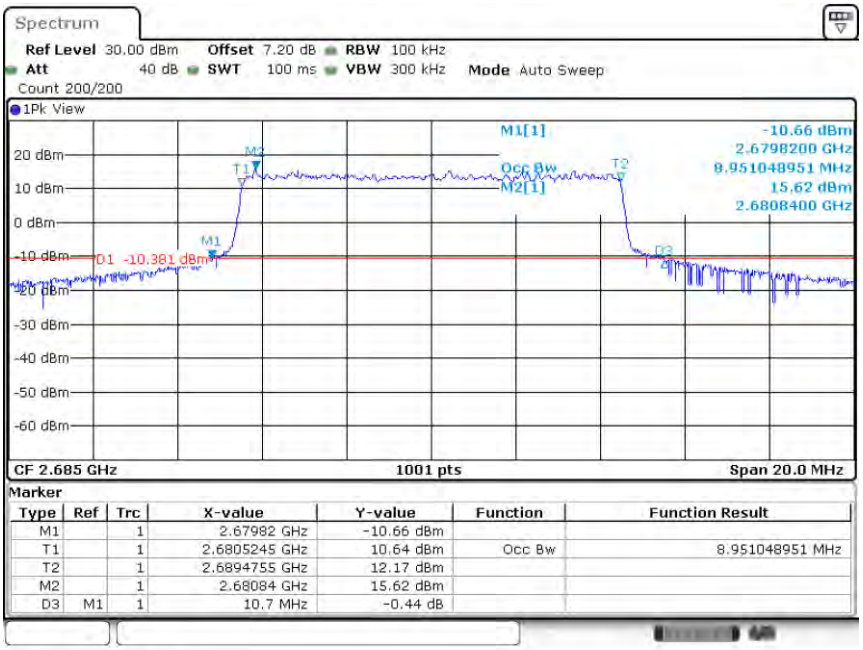
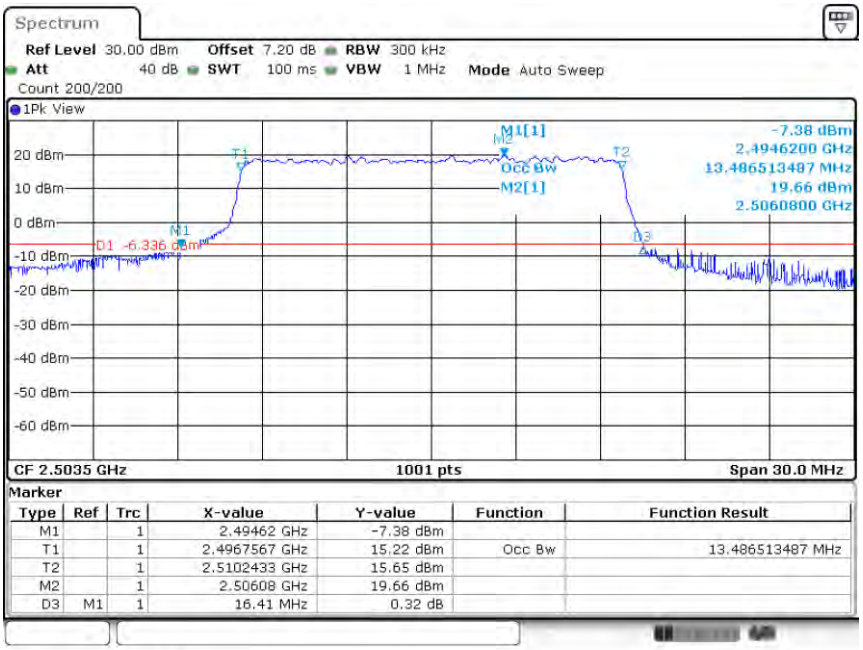
Band41-10MHz-16QAM-41540-50RB#0-8.951




Date: 14.APR.2021 13:55:41

Band41-15MHz-QPSK-39725-75RB#0-13.487




Date: 14.APR.2021 13:56:26

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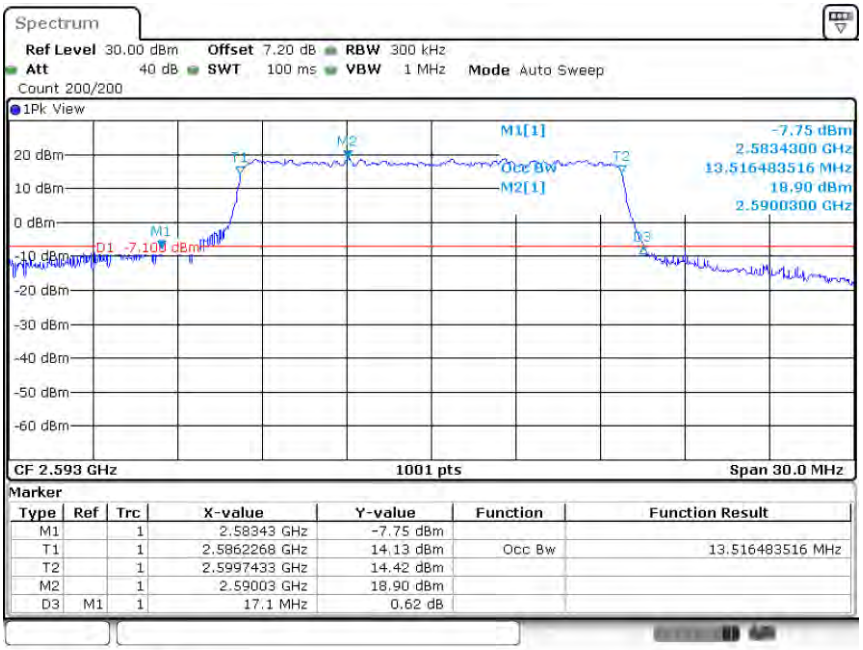
Band41-15MHz-QPSK-40620-75RB#0-13.516

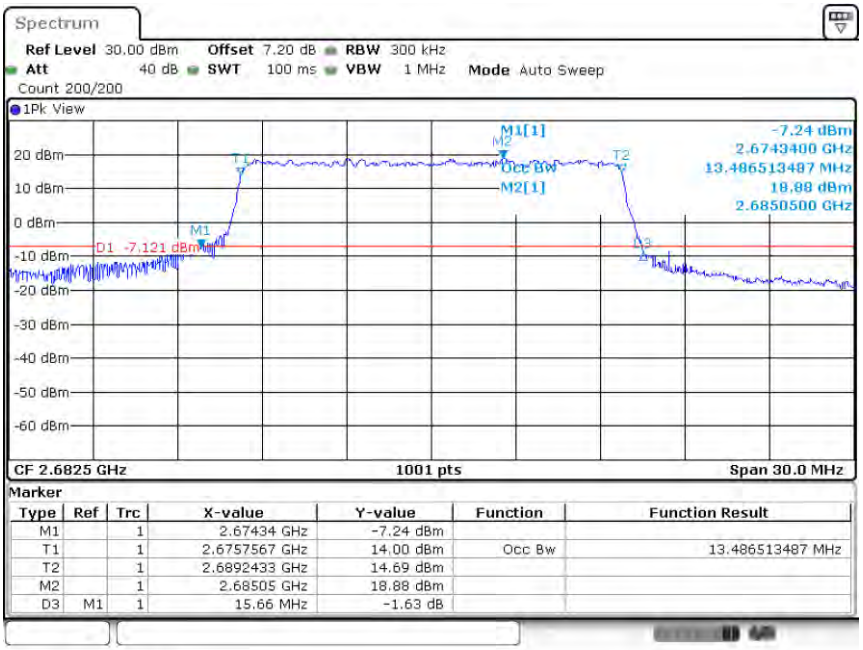



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.58343 GHz | -7.75 dBm | | |
| T1 | | 1 | 2.5862268 GHz | 14.13 dBm | Occ Bw | 13.516483516 MHz |
| T2 | | 1 | 2.5997433 GHz | 14.42 dBm | | |
| M2 | | 1 | 2.59003 GHz | 18.90 dBm | | |
| D3 | M1 | 1 | 17.1 MHz | 0.62 dB | | |

Date: 14.APR.2021 13:58:08

Band41-15MHz-QPSK-41515-75RB#0-13.487




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.67434 GHz | -7.24 dBm | | |
| T1 | | 1 | 2.6757567 GHz | 14.00 dBm | Occ Bw | 13.486513487 MHz |
| T2 | | 1 | 2.6892433 GHz | 14.69 dBm | | |
| M2 | | 1 | 2.68505 GHz | 18.88 dBm | | |
| D3 | M1 | 1 | 15.66 MHz | -1.63 dB | | |

Date: 14.APR.2021 13:59:21

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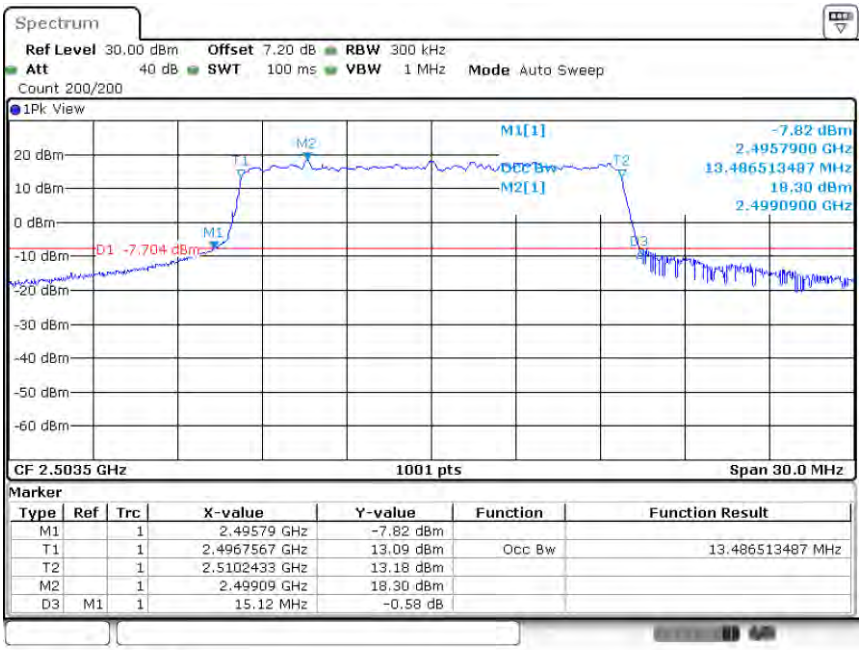
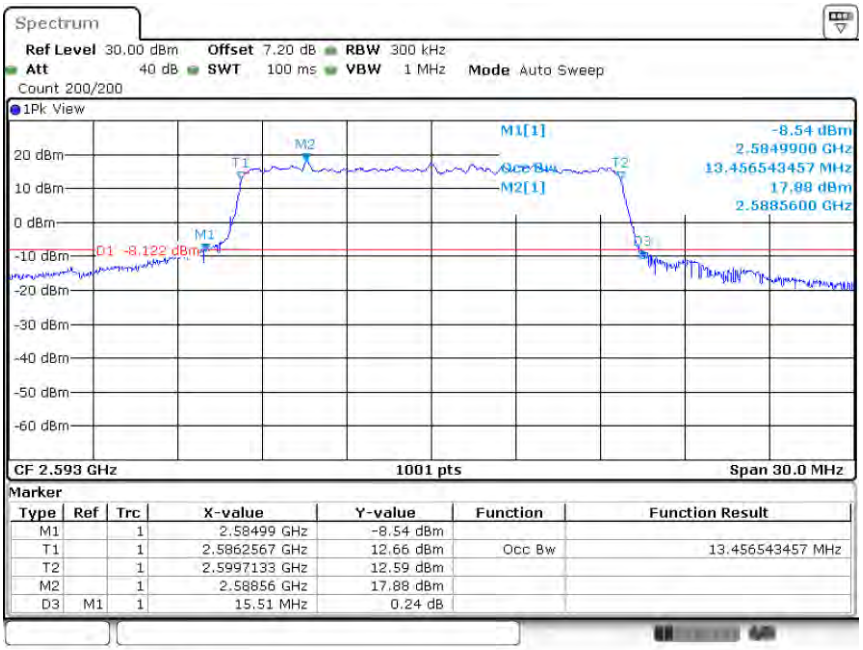
Band41-15MHz-64QAM-39725-75RB#0-13.487




Date: 14.APR.2021 14:15:43

Band41-15MHz-64QAM-40620-75RB#0-13.457




Date: 14.APR.2021 14:17:03

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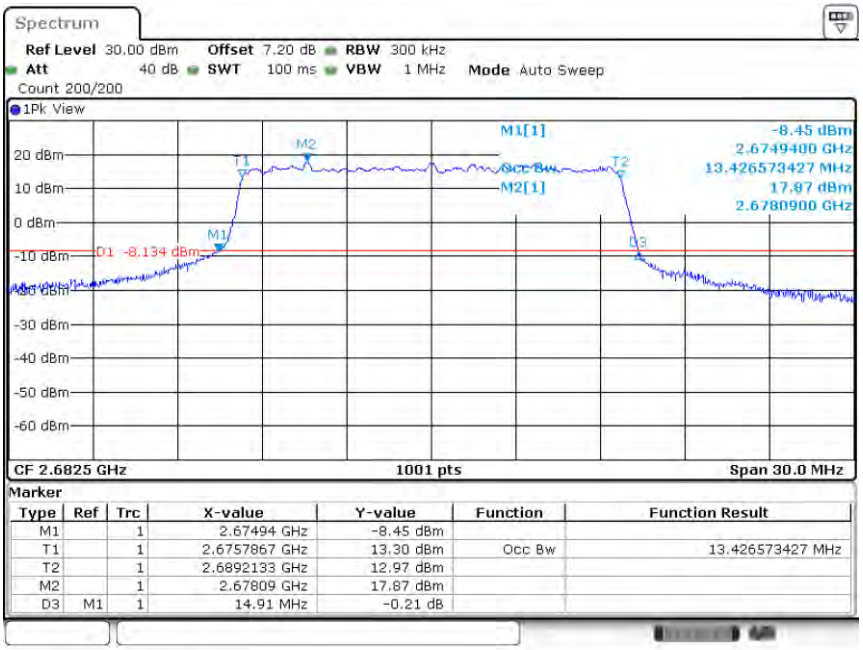
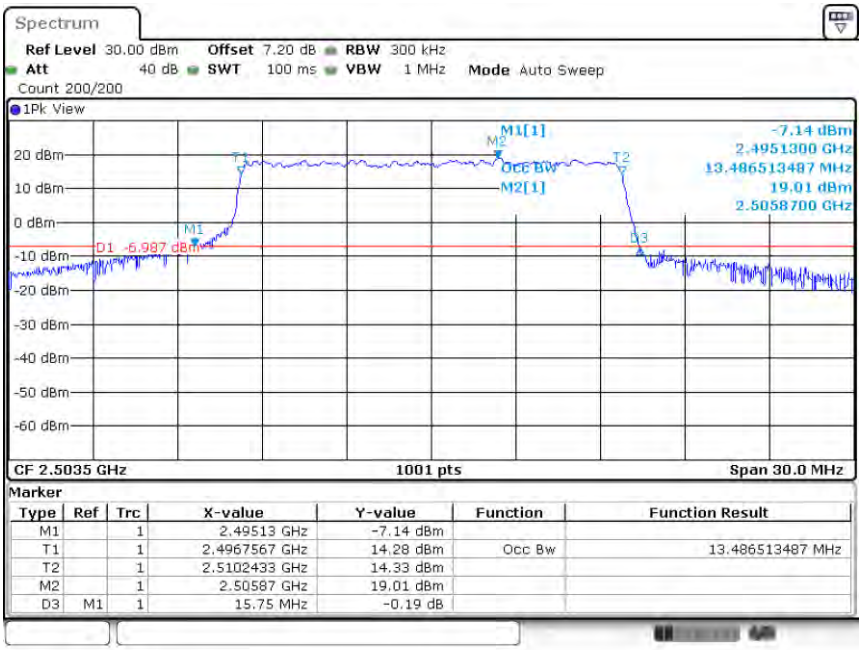
Band41-15MHz-64QAM-41515-75RB#0-13.427




Date: 14.APR.2021 14:17:36

Band41-15MHz-16QAM-39725-75RB#0-13.487

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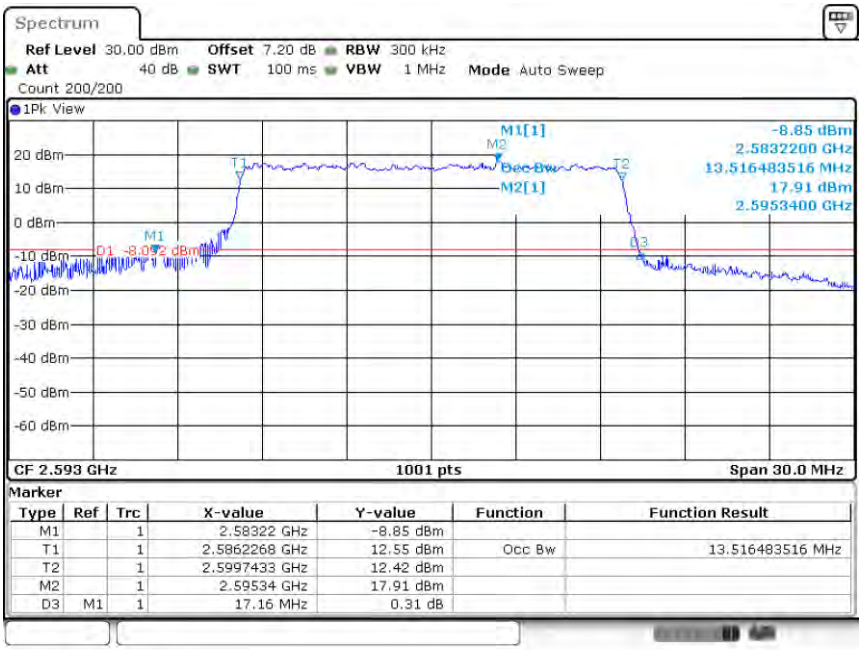
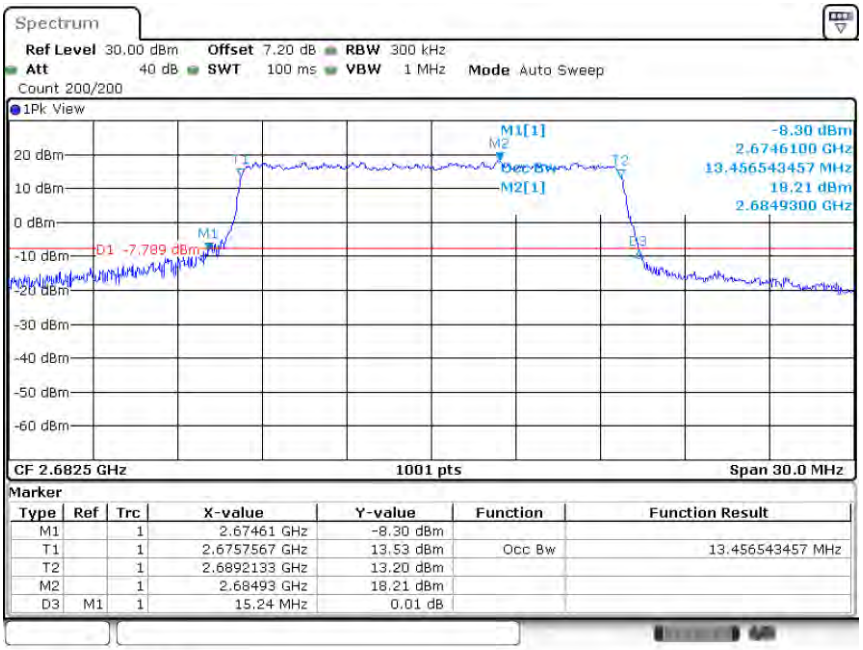
Band41-15MHz-16QAM-40620-75RB#0-13.516




Date: 14.APR.2021 13:58:41

Band41-15MHz-16QAM-41515-75RB#0-13.457

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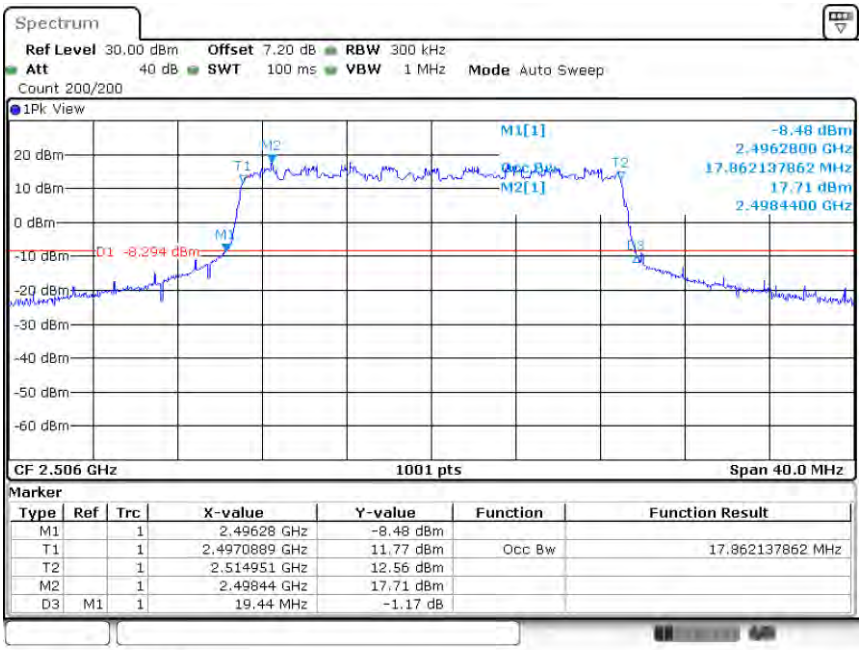
Band41-20MHz-QPSK-39750-100RB#0-17.862

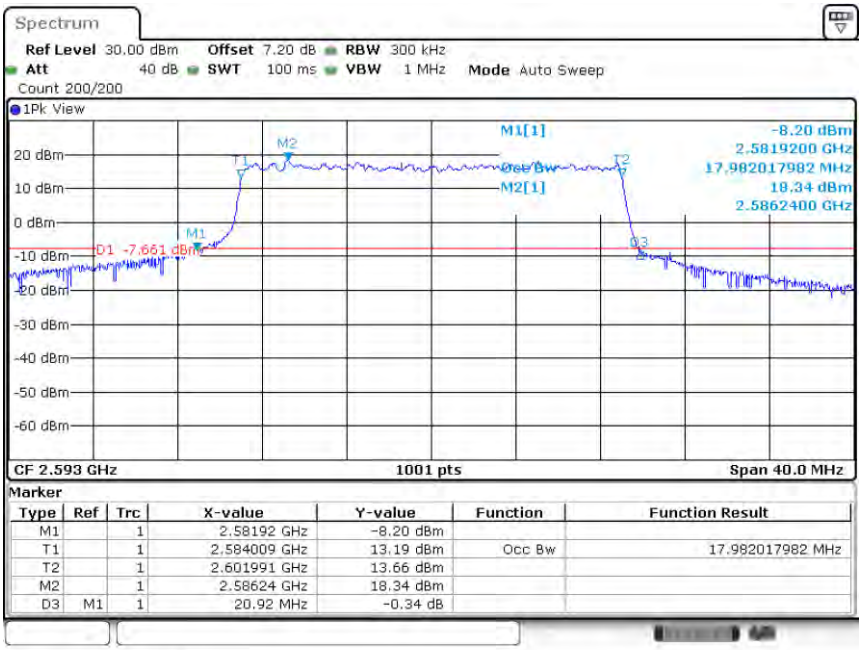



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.49628 GHz | -8.48 dBm | | |
| T1 | | 1 | 2.4970889 GHz | 11.77 dBm | Occ Bw | 17.862137862 MHz |
| T2 | | 1 | 2.514951 GHz | 12.56 dBm | | |
| M2 | | 1 | 2.49844 GHz | 17.71 dBm | | |
| D3 | M1 | 1 | 19.44 MHz | -1.17 dB | | |

Date: 14.APR.2021 14:00:42

Band41-20MHz-QPSK-40620-100RB#0-17.982




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.58192 GHz | -8.20 dBm | | |
| T1 | | 1 | 2.584009 GHz | 13.19 dBm | Occ Bw | 17.982017982 MHz |
| T2 | | 1 | 2.601991 GHz | 13.66 dBm | | |
| M2 | | 1 | 2.58624 GHz | 18.34 dBm | | |
| D3 | M1 | 1 | 20.92 MHz | -0.34 dB | | |

Date: 14.APR.2021 14:02:15

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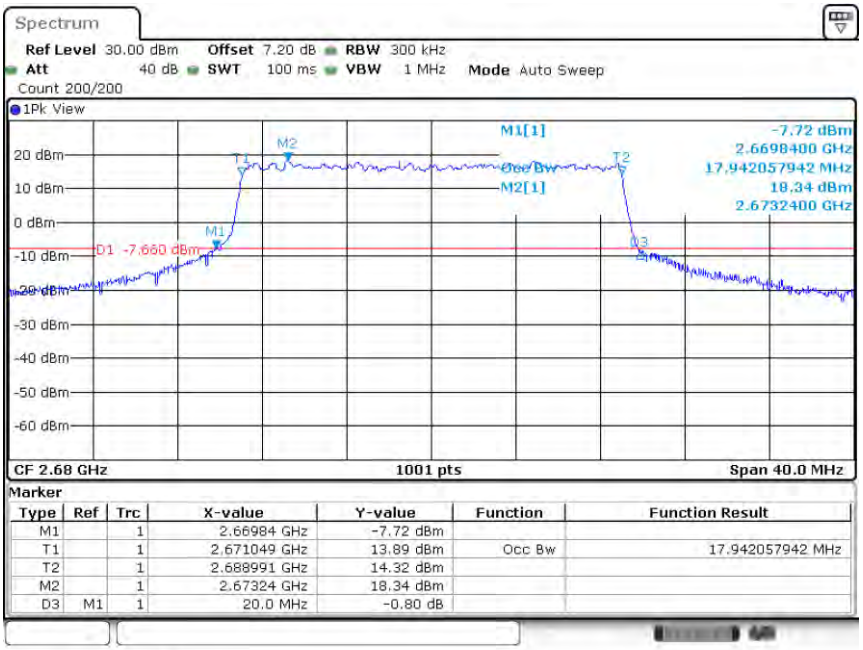
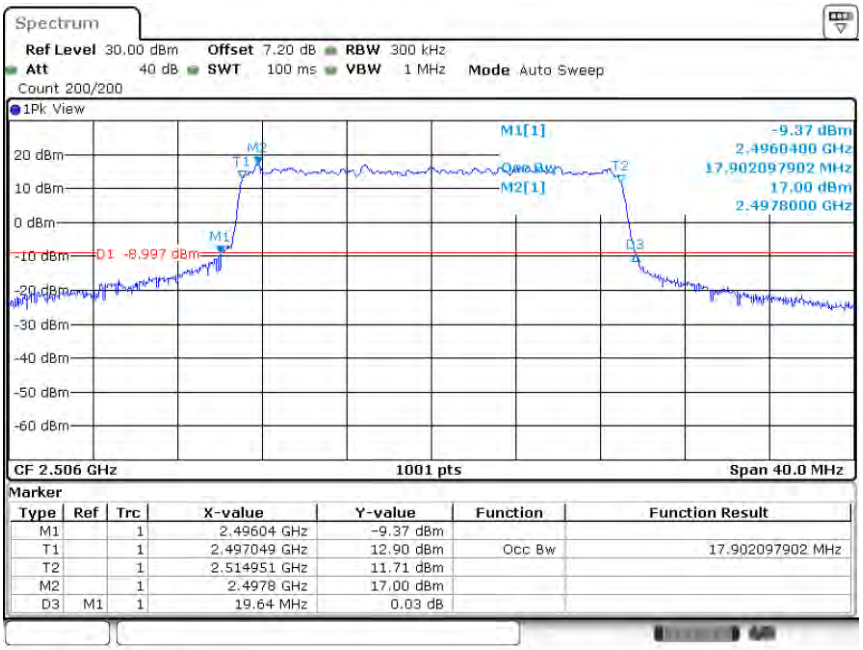
Band41-20MHz-QPSK-41490-100RB#0-17.942




Date: 14.APR.2021 14:03:59

Band41-20MHz-64QAM-39750-100RB#0-17.902




Date: 14.APR.2021 14:18:17

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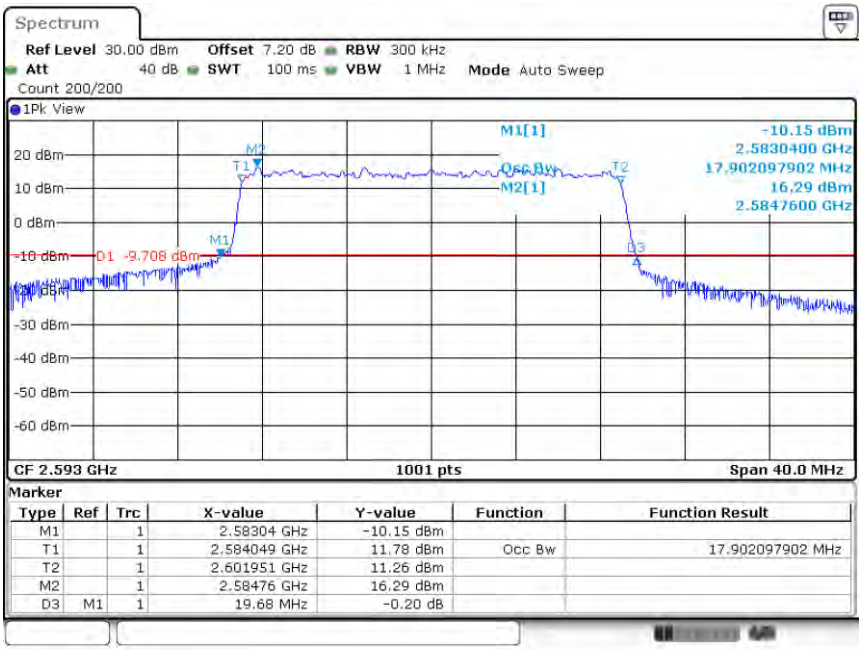
Band41-20MHz-64QAM-40620-100RB#0-17.902

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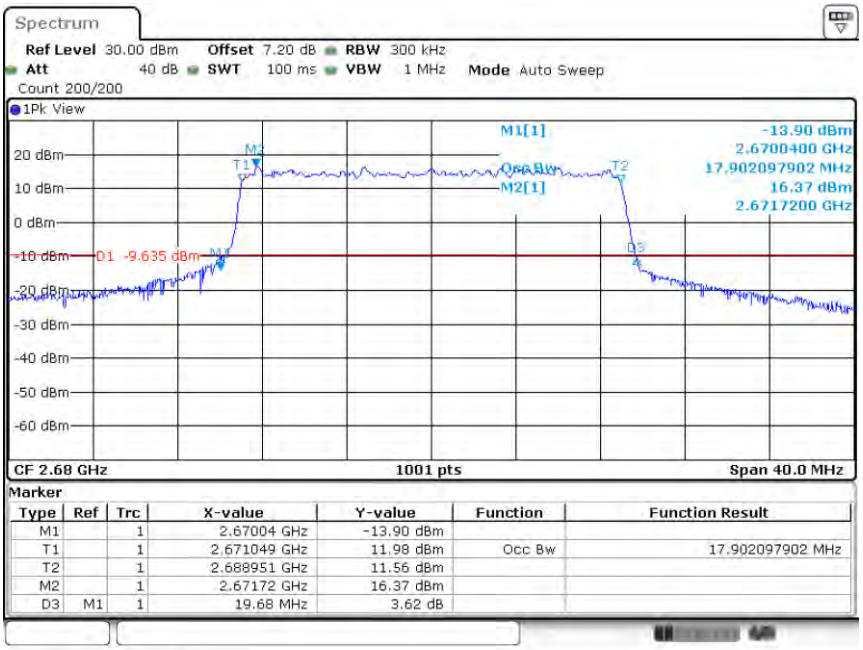
Band41-20MHz-64QAM-41490-100RB#0-17.902




Date: 14.APR.2021 14:19:26

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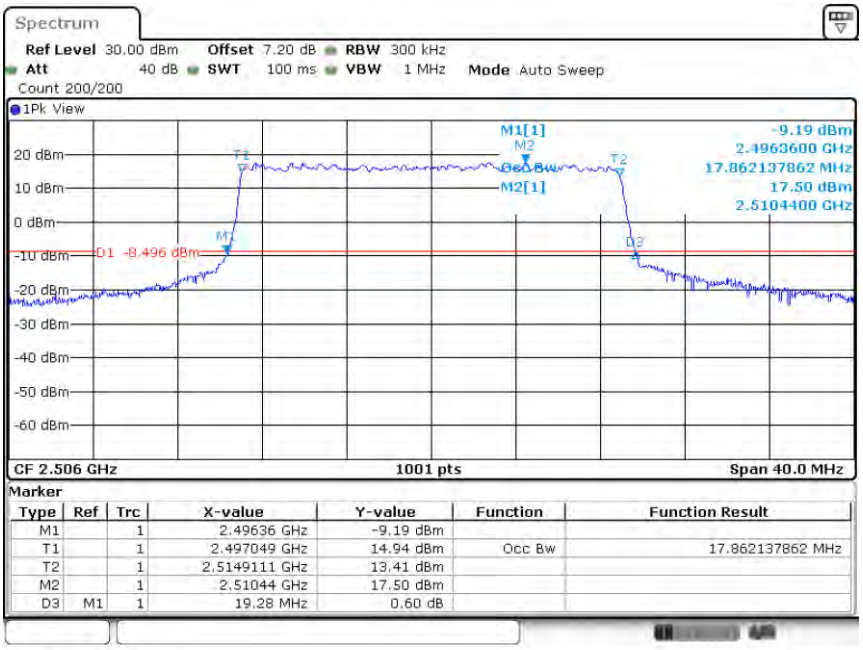
Band41-20MHz-16QAM-39750-100RB#0-17.862

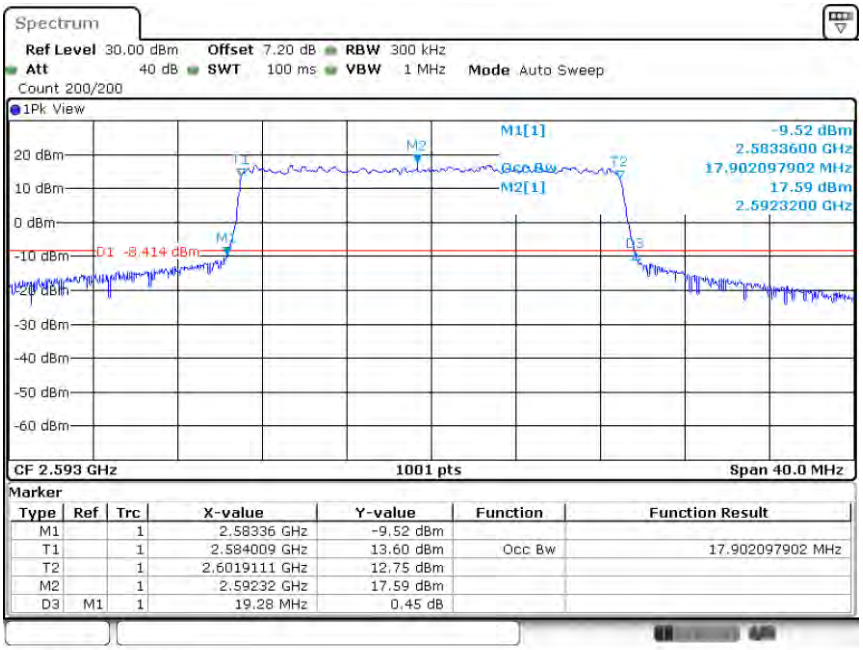



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.49636 GHz | -9.19 dBm | | |
| T1 | | 1 | 2.497049 GHz | 14.94 dBm | Occ Bw | 17.862137862 MHz |
| T2 | | 1 | 2.5149111 GHz | 13.41 dBm | | |
| M2 | | 1 | 2.51044 GHz | 17.50 dBm | | |
| D3 | M1 | 1 | 19.28 MHz | 0.60 dB | | |

Date: 14.APR.2021 14:01:15

Band41-20MHz-16QAM-40620-100RB#0-17.902




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.58336 GHz | -9.52 dBm | | |
| T1 | | 1 | 2.584009 GHz | 13.60 dBm | Occ Bw | 17.902097902 MHz |
| T2 | | 1 | 2.6019111 GHz | 12.75 dBm | | |
| M2 | | 1 | 2.59232 GHz | 17.59 dBm | | |
| D3 | M1 | 1 | 19.28 MHz | 0.45 dB | | |

Date: 14.APR.2021 14:03:15

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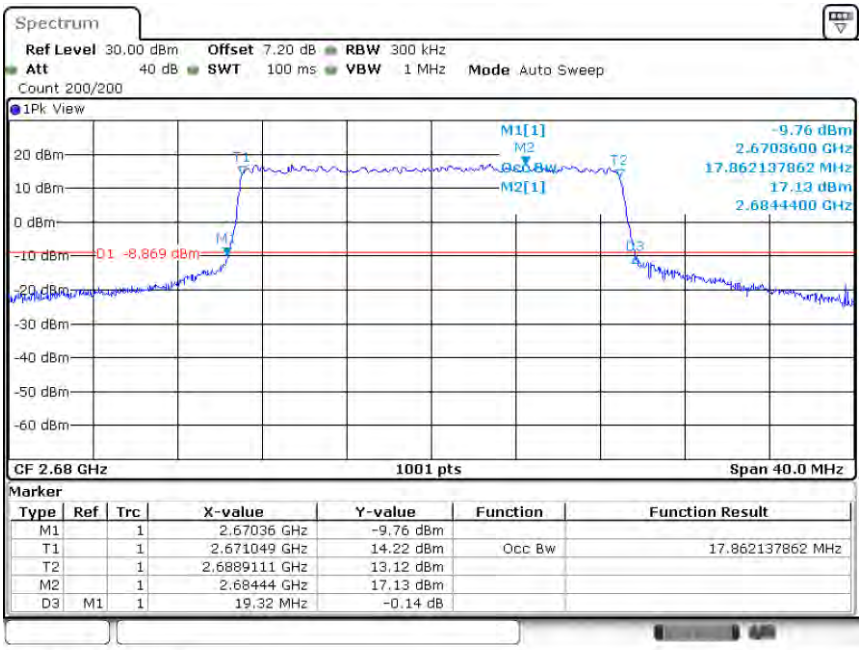
Band41-20MHz-16QAM-41490-100RB#0-17.862




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.67036 GHz | -9.76 dBm | | |
| T1 | | 1 | 2.671049 GHz | 14.22 dBm | Occ Bw | 17.862137862 MHz |
| T2 | | 1 | 2.6889111 GHz | 13.12 dBm | | |
| M2 | | 1 | 2.68444 GHz | 17.13 dBm | | |
| D3 | M1 | 1 | 19.32 MHz | -0.14 dB | | |

Date: 14.APR.2021 14:04:32

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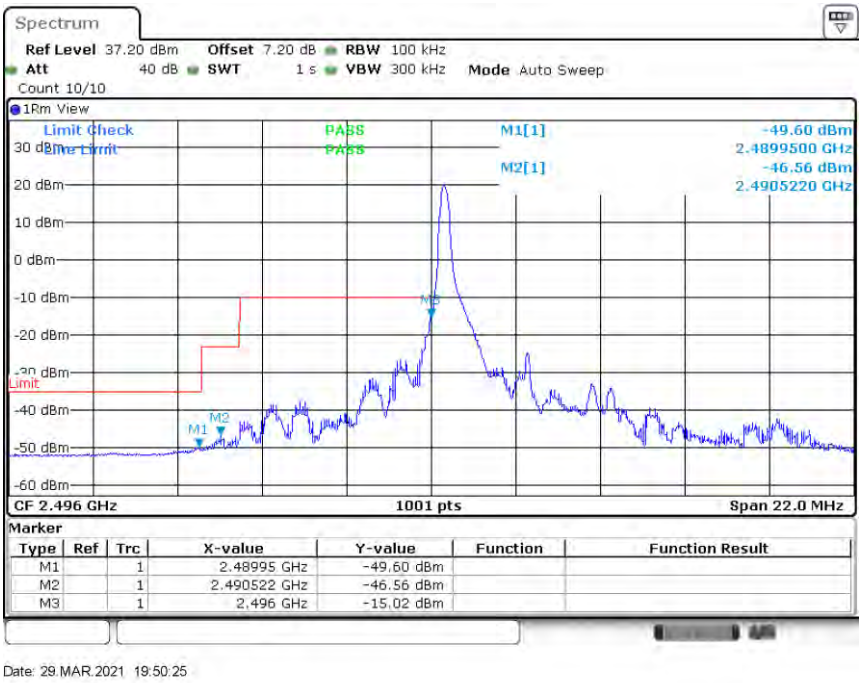
# 5. Band Edge Compliance

## 5.1. Test Plots

Band41-5MHz-QPSK-39675-1RB#0

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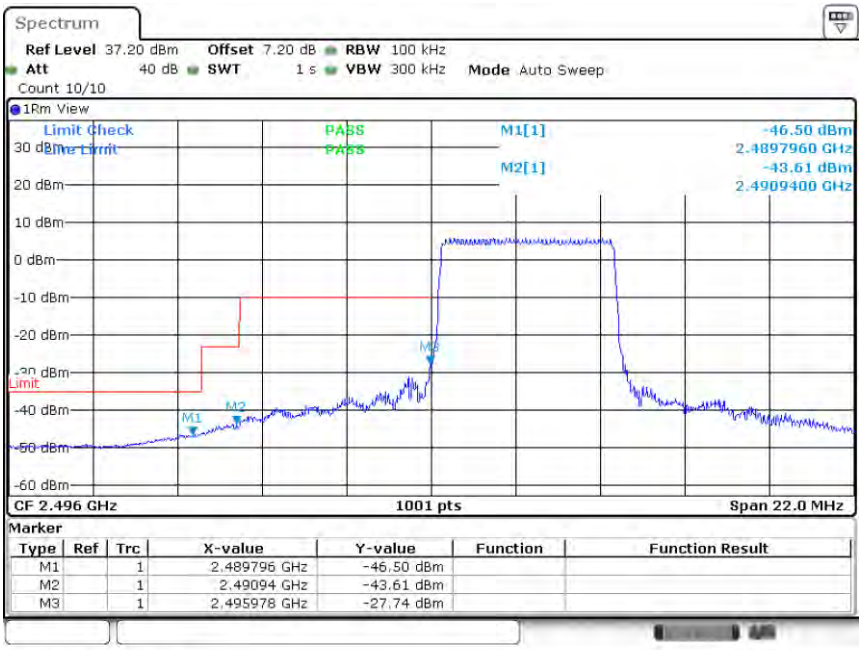
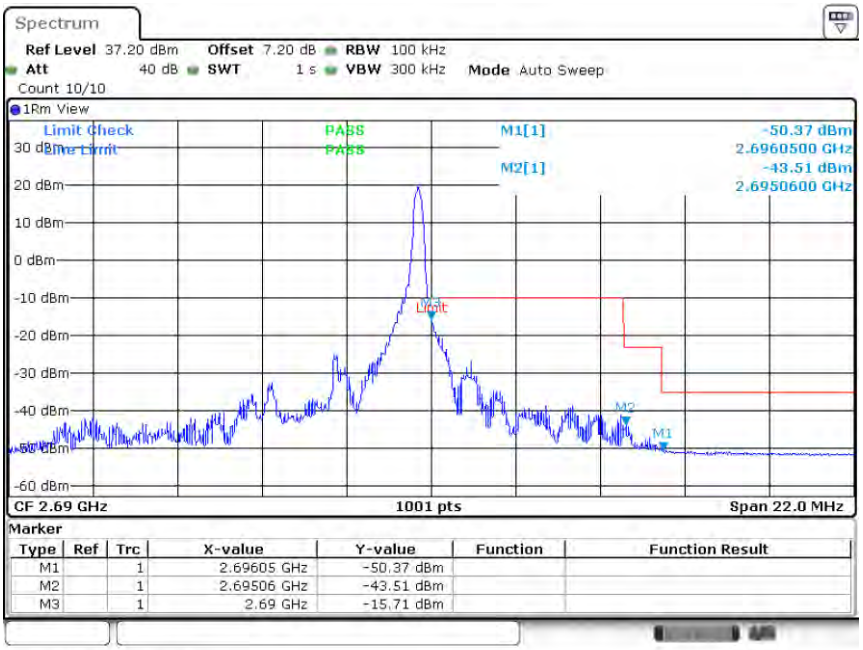
Band41-5MHz-QPSK-39675-25RB#0




Date: 29.MAR.2021 19:52:01

Band41-5MHz-QPSK-41565-1RB#24

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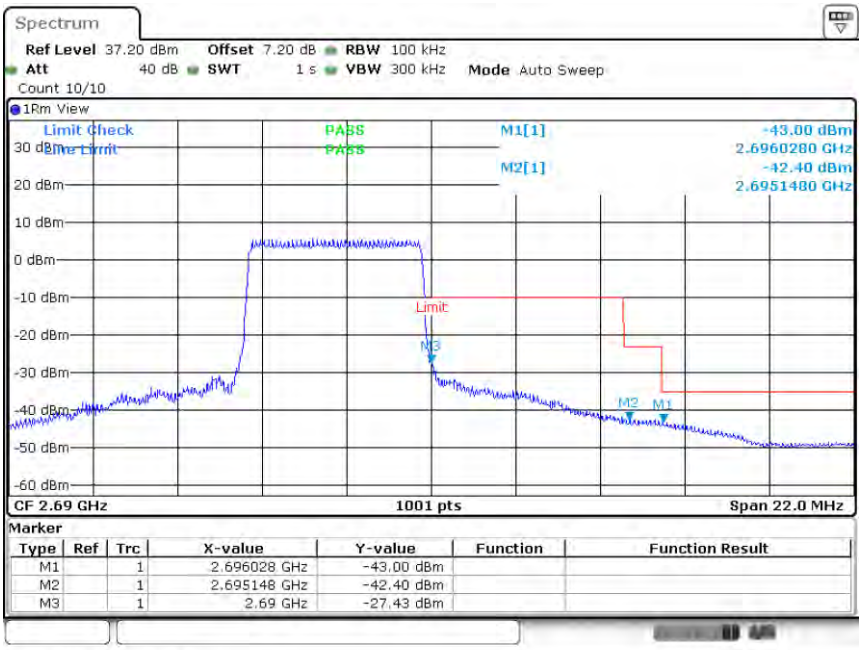


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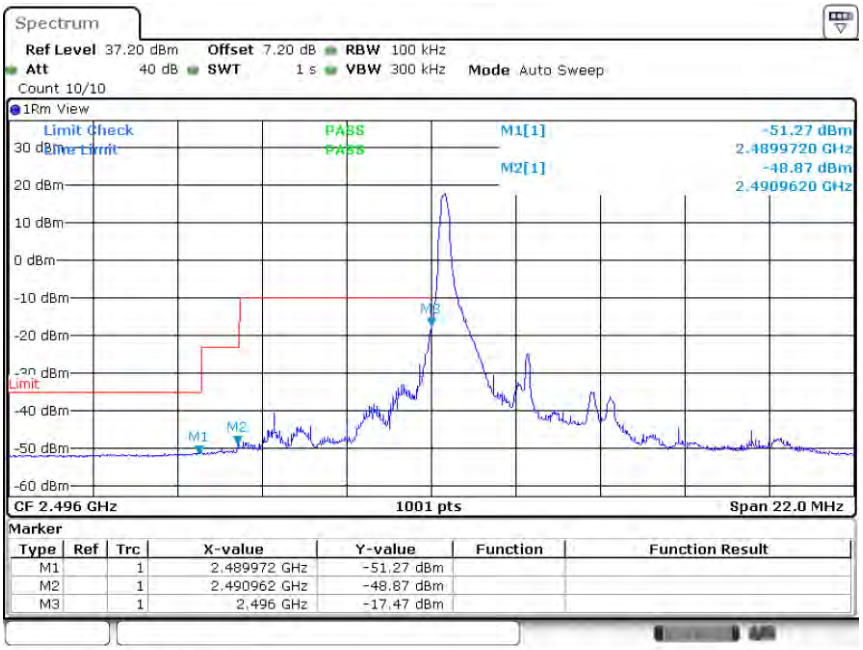
Band41-5MHz-64QAM-39675-1RB#0

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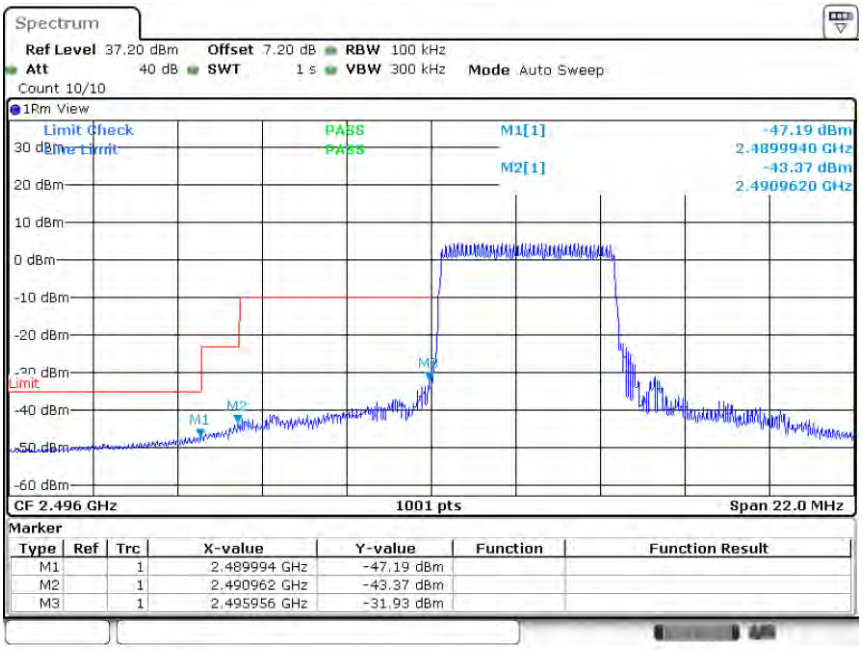
Band41-5MHz-64QAM-39675-25RB#0

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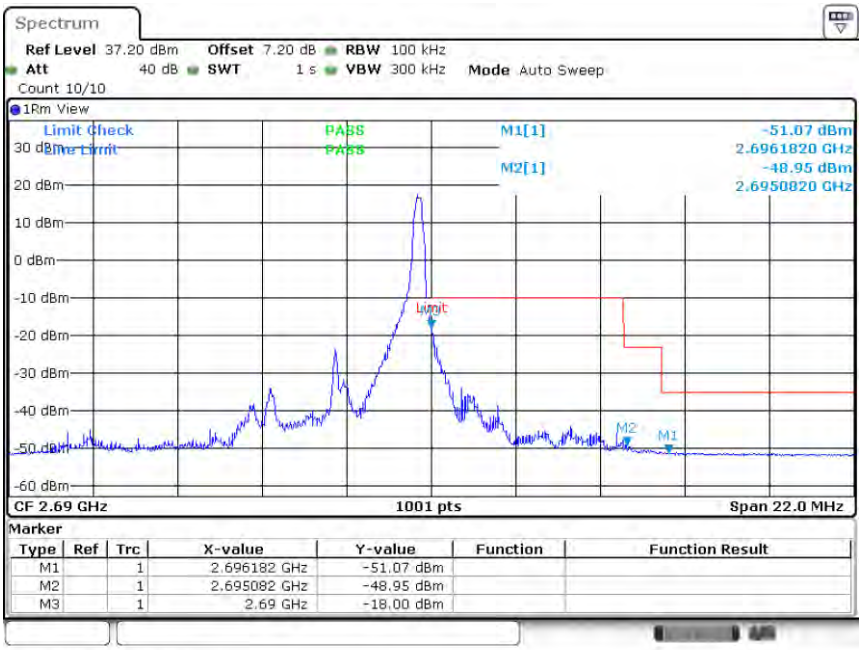
Band41-5MHz-64QAM-41565-1RB#24

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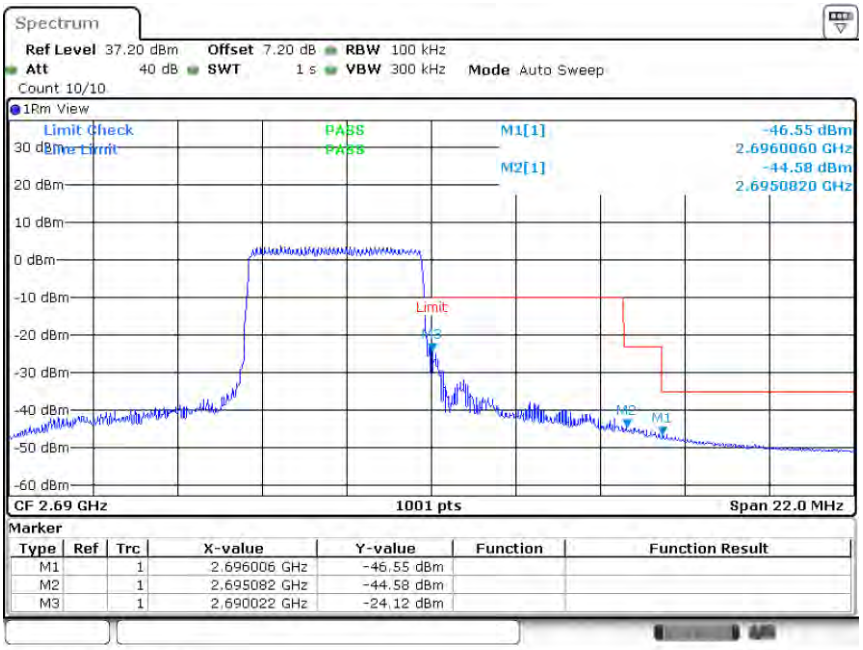
Band41-5MHz-64QAM-41565-25RB#0

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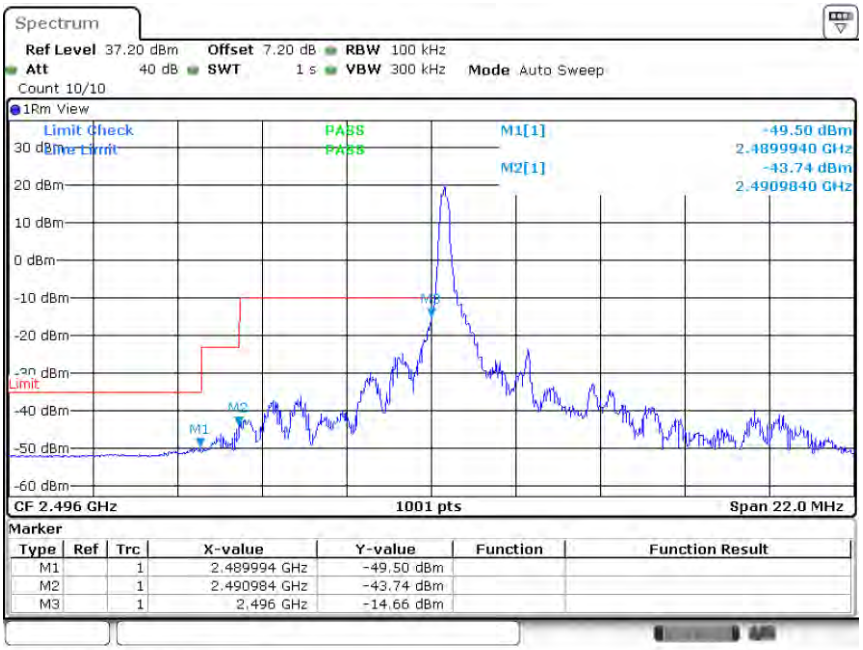
Band41-5MHz-16QAM-39675-1RB#0

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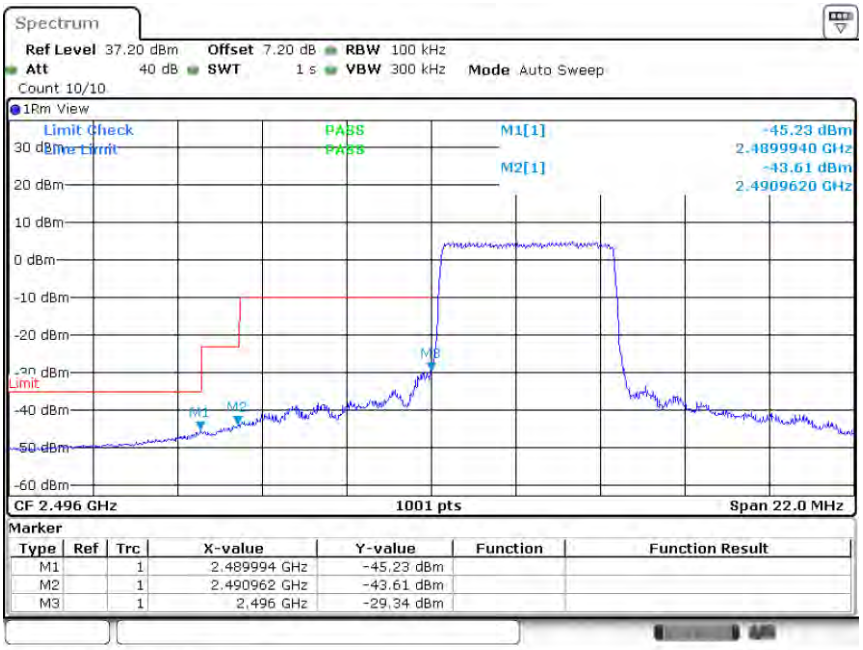
Band41-5MHz-16QAM-39675-25RB#0

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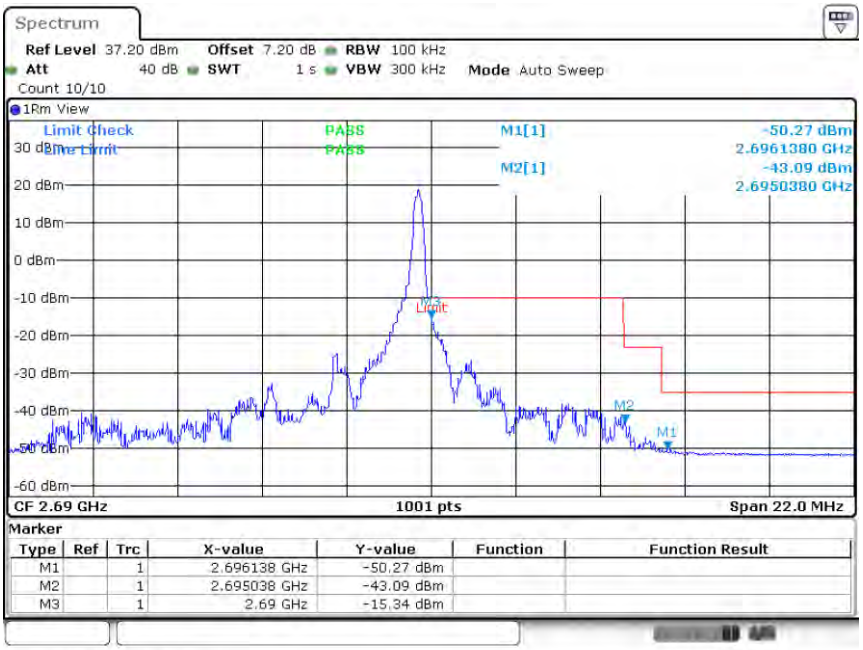


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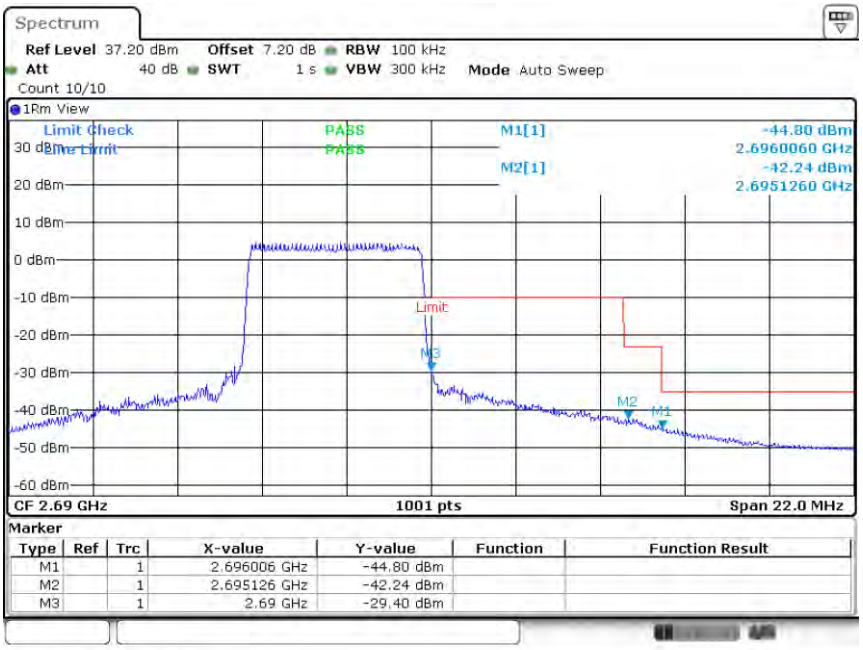
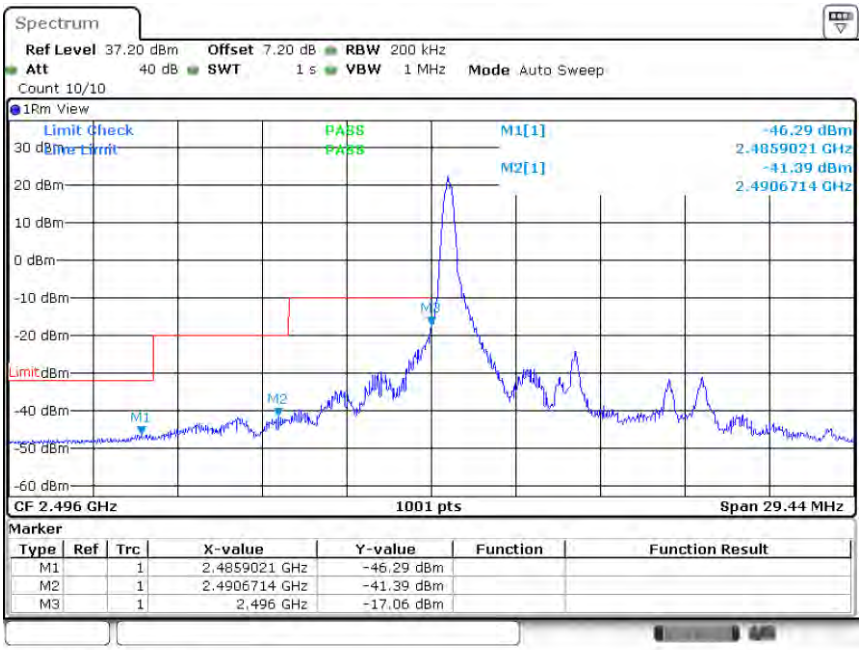
Band41-5MHz-16QAM-41565-25RB#0




Date: 29.MAR.2021 19:53:07

Band41-10MHz-QPSK-39700-1RB#0




Date: 29.MAR.2021 19:53:34

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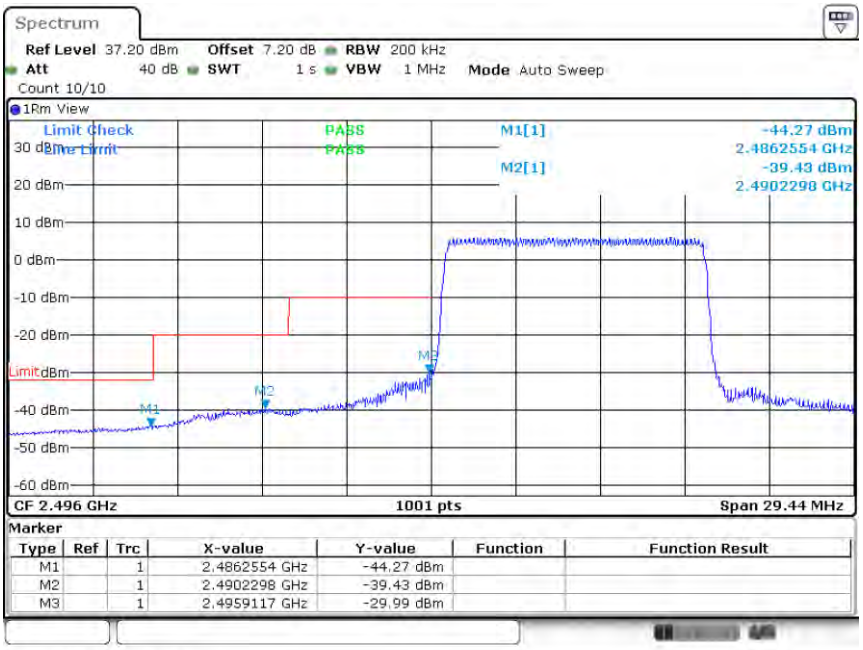
Band41-10MHz-QPSK-39700-50RB#0




Date: 29.MAR.2021 19:55:09

Band41-10MHz-QPSK-41540-1RB#49

Date: 29.MAR.2021 19:54:21

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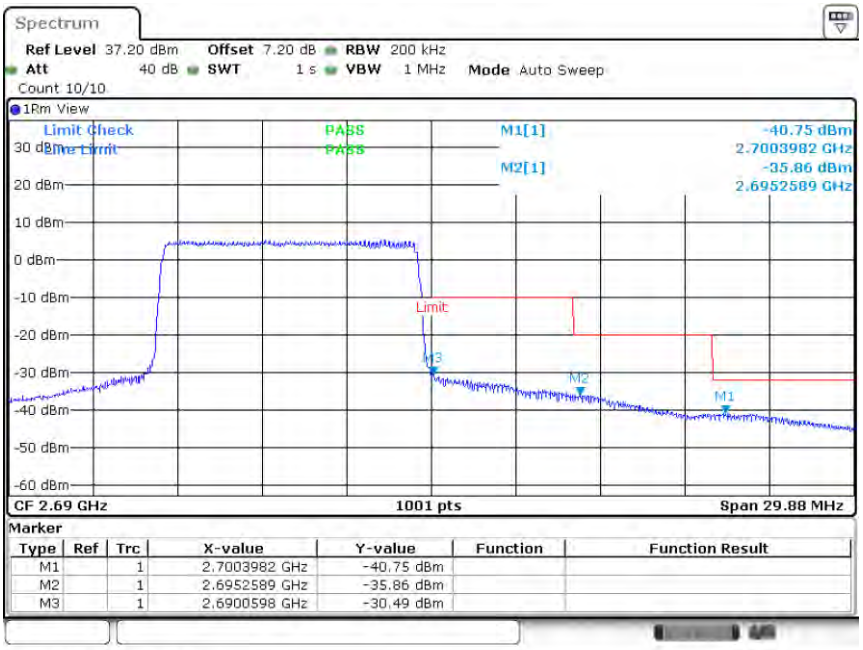
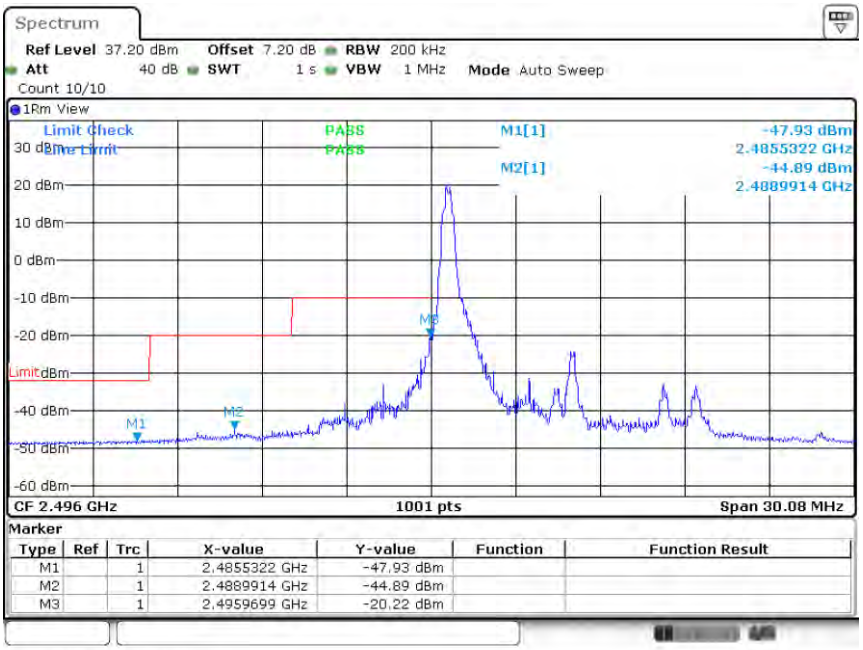
Band41-10MHz-QPSK-41540-50RB#0




Date: 29.MAR.2021 19:55:52

Band41-10MHz-64QAM-39700-1RB#0




Date: 29.MAR.2021 20:04:34

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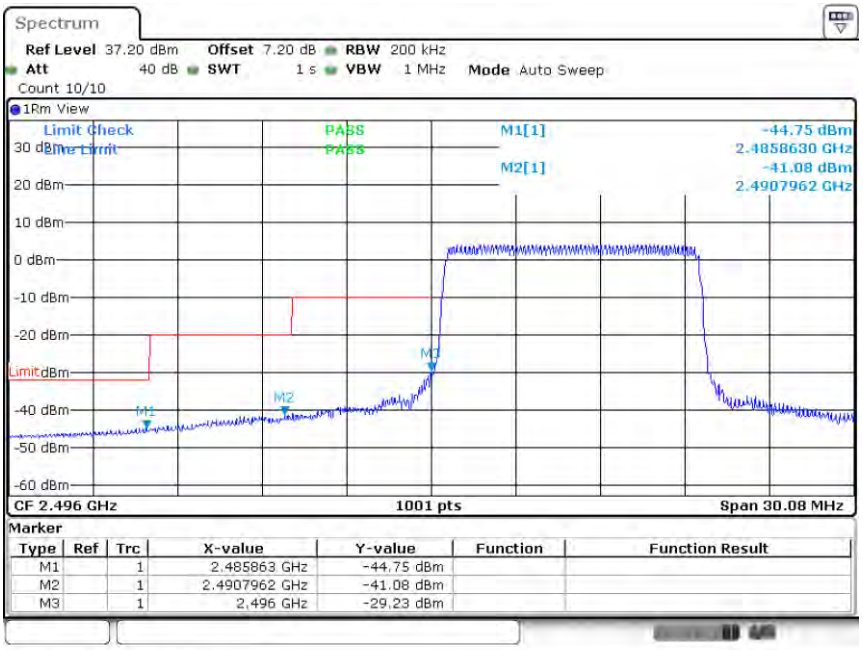
Band41-10MHz-64QAM-39700-50RB#0

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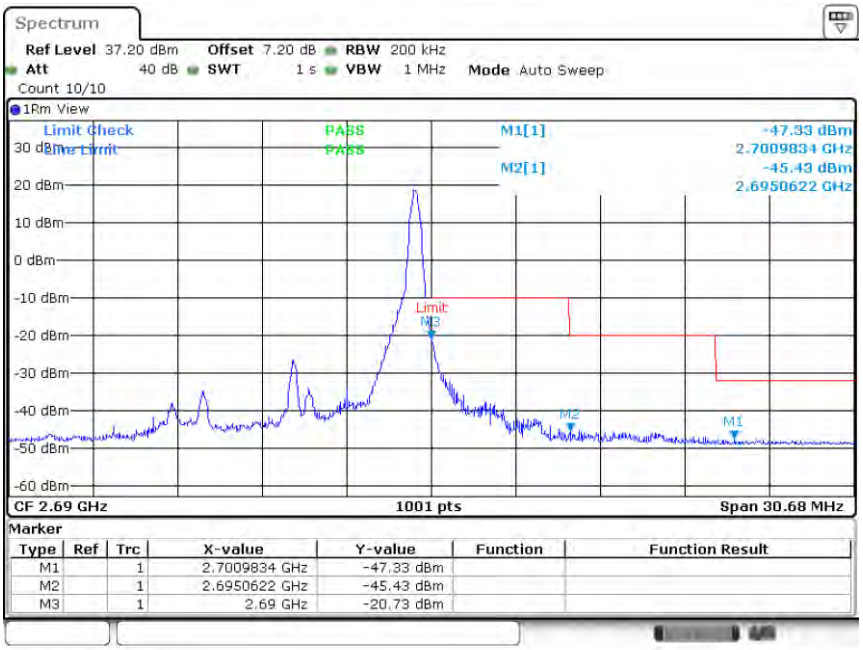
Band41-10MHz-64QAM-41540-1RB#49

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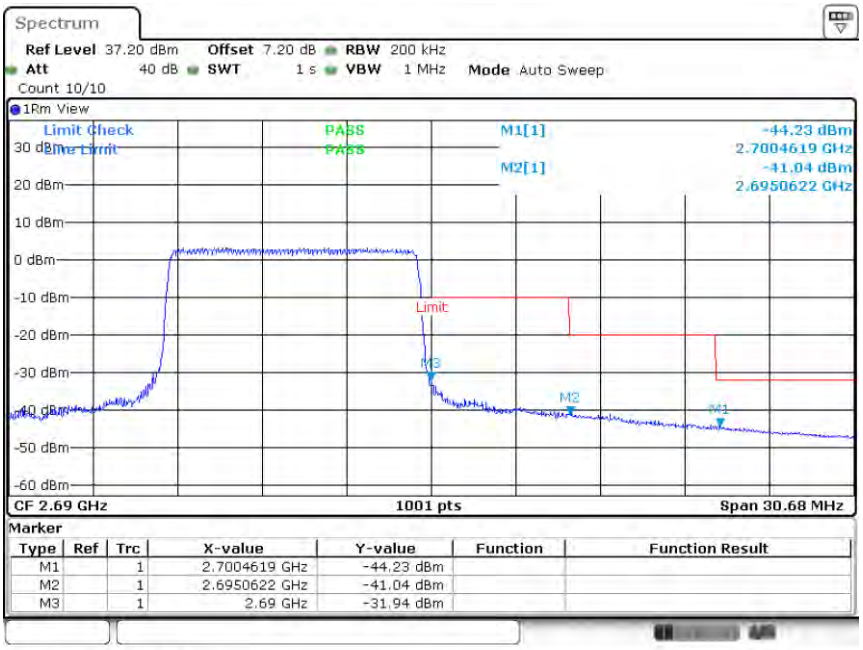
Band41-10MHz-64QAM-41540-50RB#0

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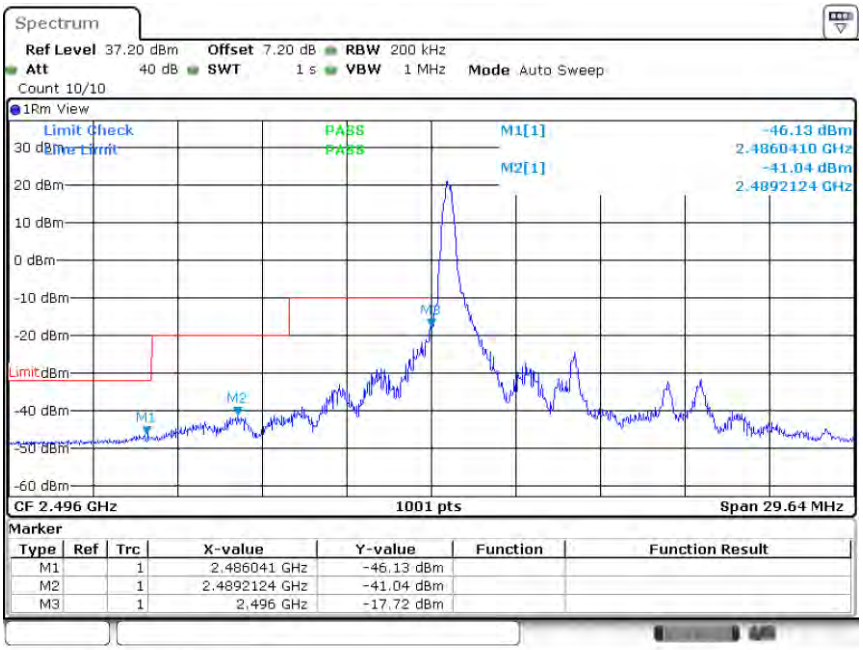
Band41-10MHz-16QAM-39700-1RB#0

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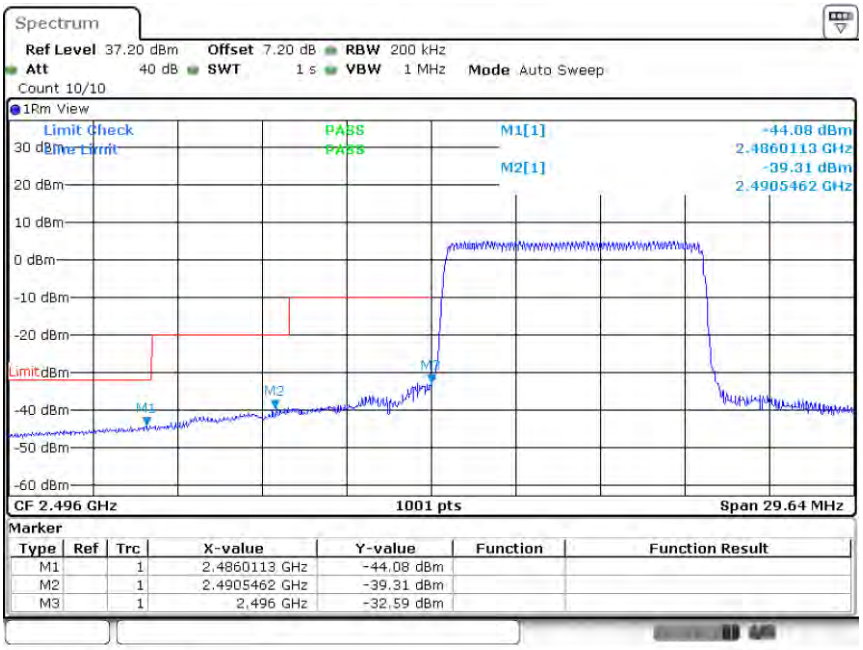
Band41-10MHz-16QAM-39700-50RB#0

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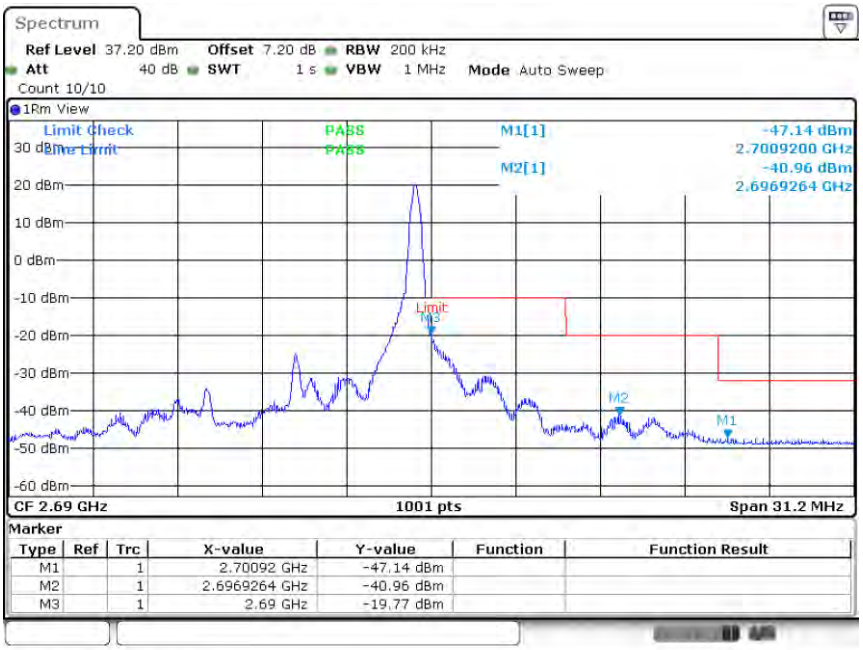
Band41-10MHz-16QAM-41540-1RB#49




Date: 29.MAR.2021 19:54:43

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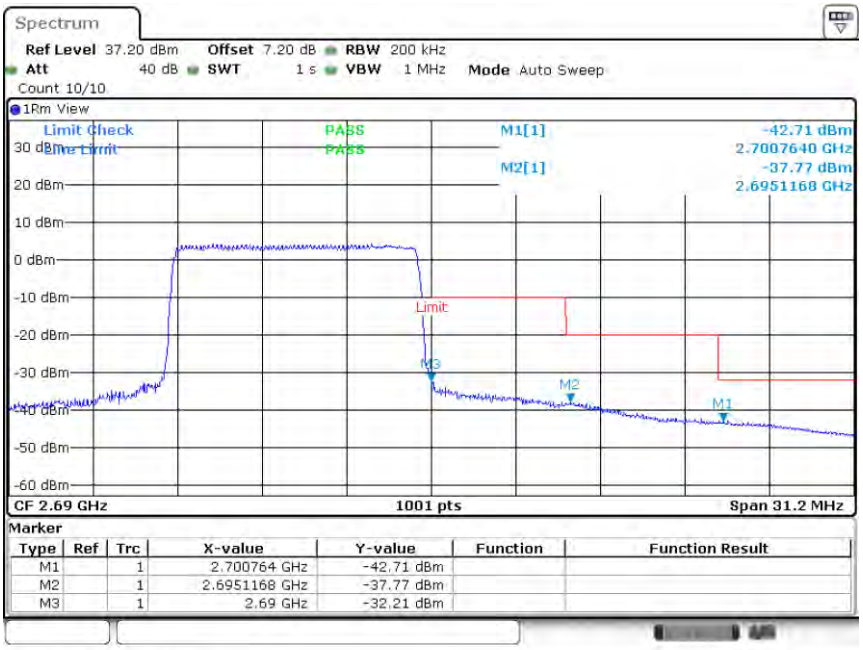
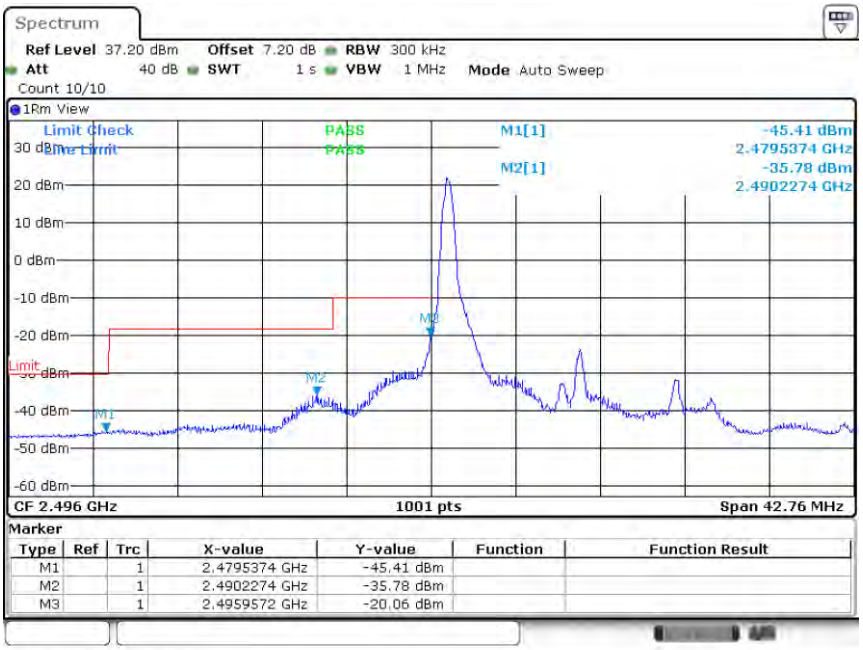



Date: 29.MAR.2021 19:56:14

Band41-15MHz-QPSK-39725-1RB#0

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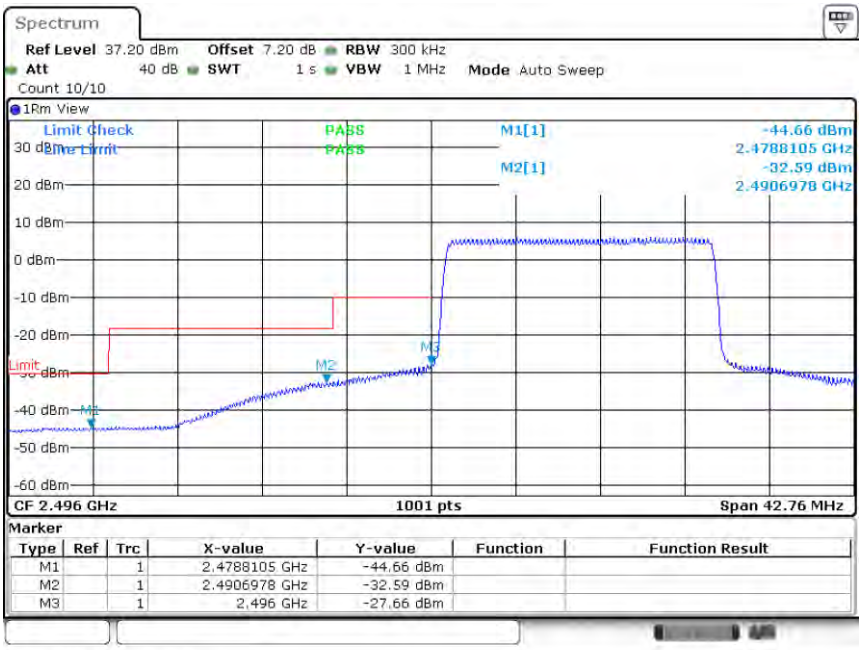
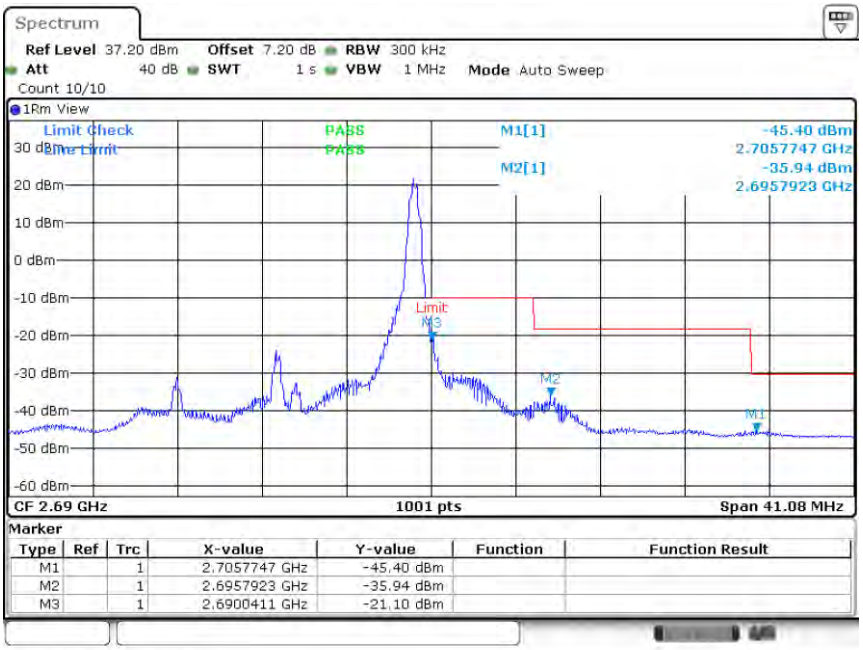
Band41-15MHz-QPSK-39725-75RB#0




Date: 29.MAR.2021 19:58:15

Band41-15MHz-QPSK-41515-1RB#74

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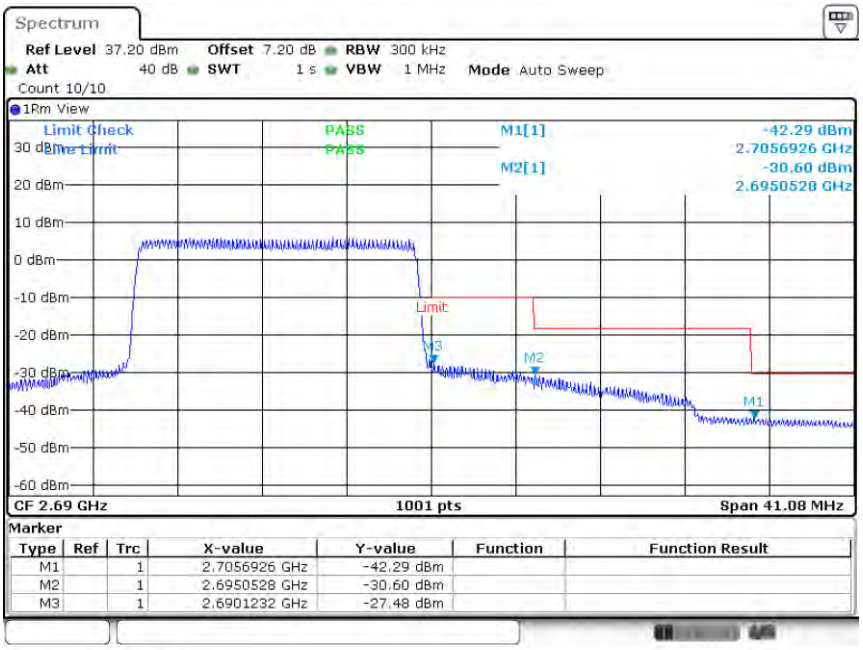
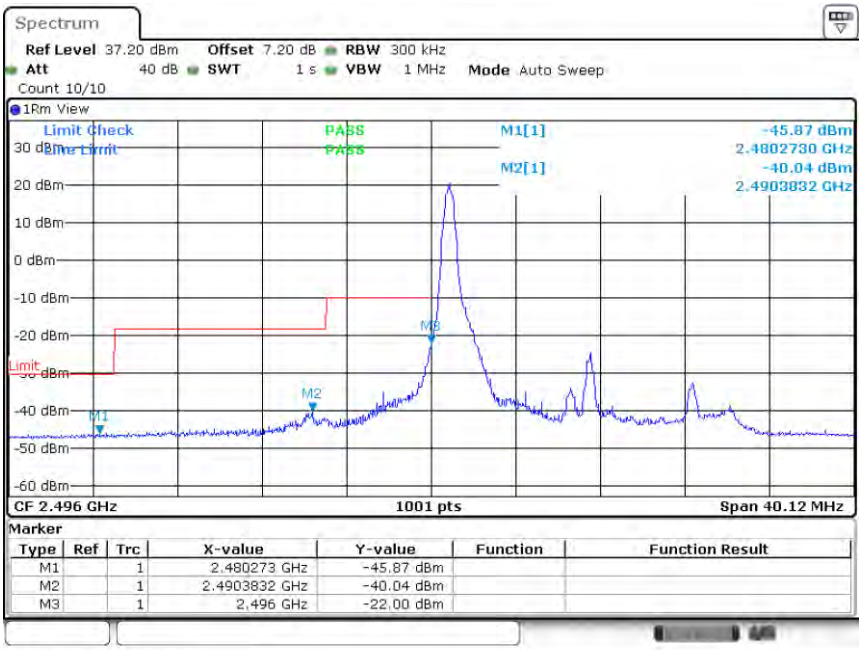



Date: 29.MAR.2021 19:58:59

Band41-15MHz-64QAM-39725-1RB#0

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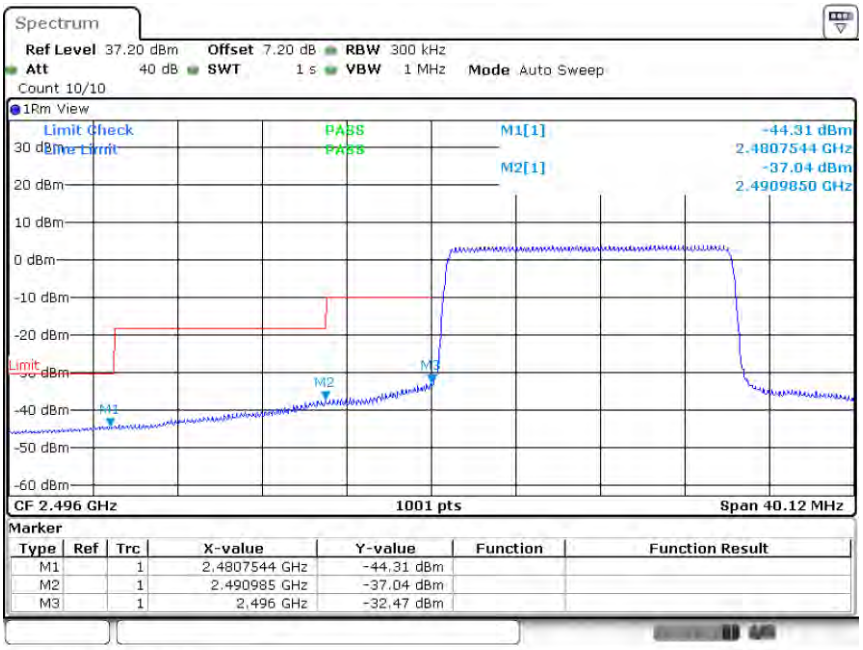
Band41-15MHz-64QAM-39725-75RB#0

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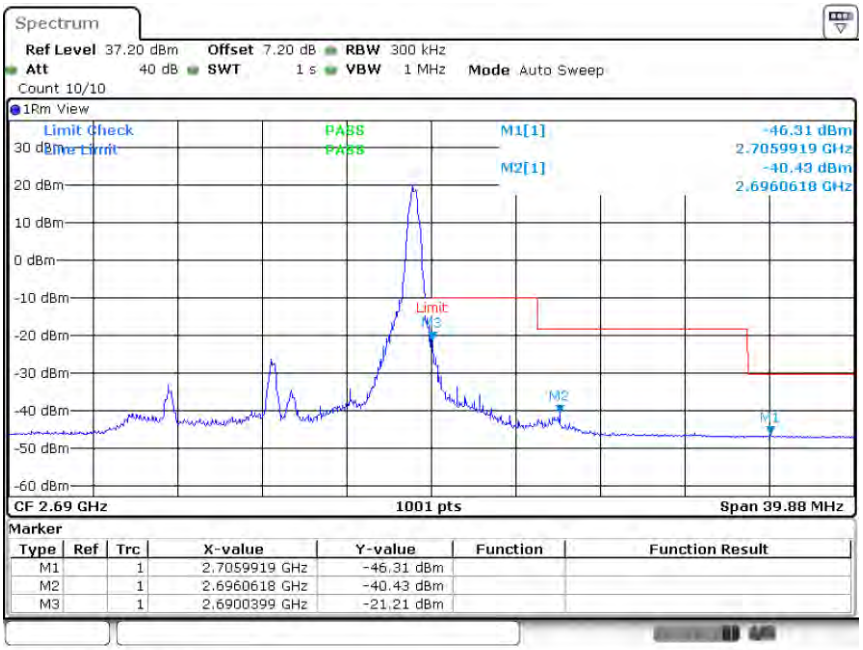
Band41-15MHz-64QAM-41515-1RB#74




Date: 29.MAR.2021 20:06:43

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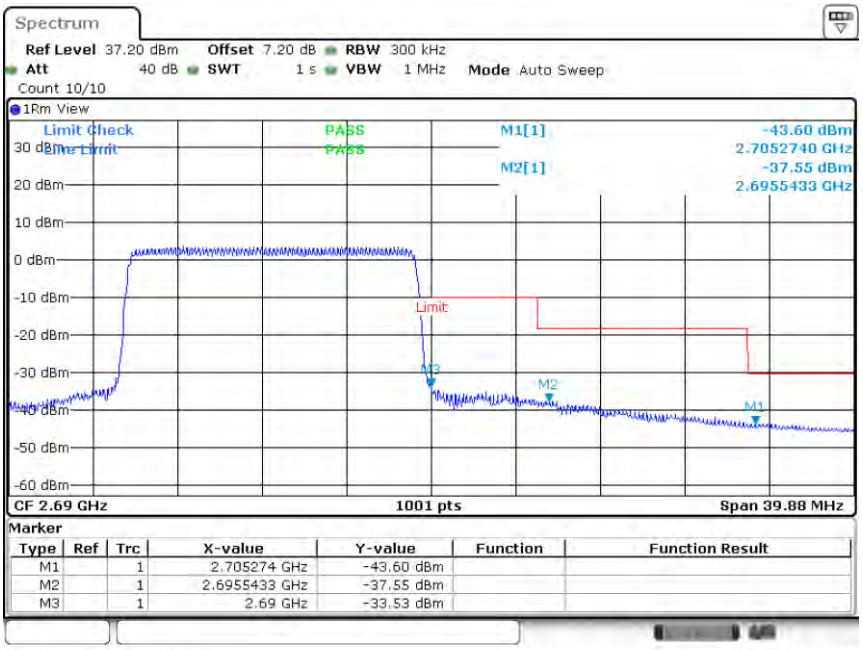
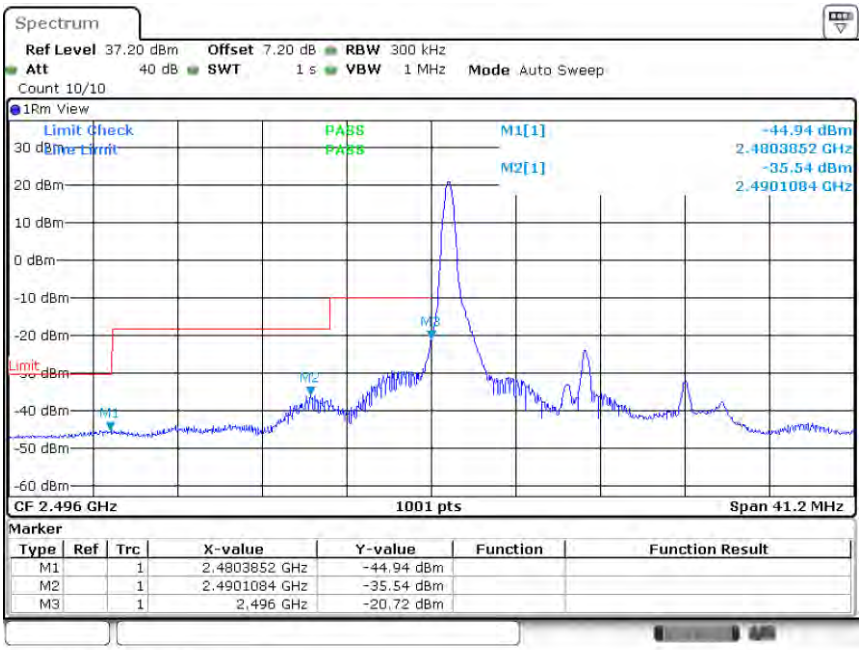
Band41-15MHz-64QAM-41515-75RB#0




Date: 29.MAR.2021 20:07:31

Band41-15MHz-16QAM-39725-1RB#0




Date: 29.MAR.2021 19:57:02

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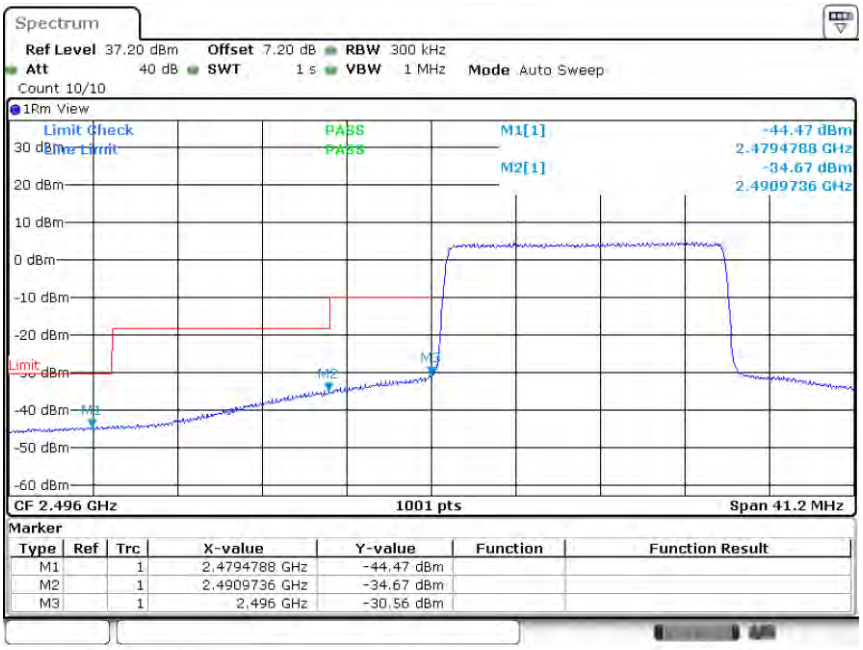
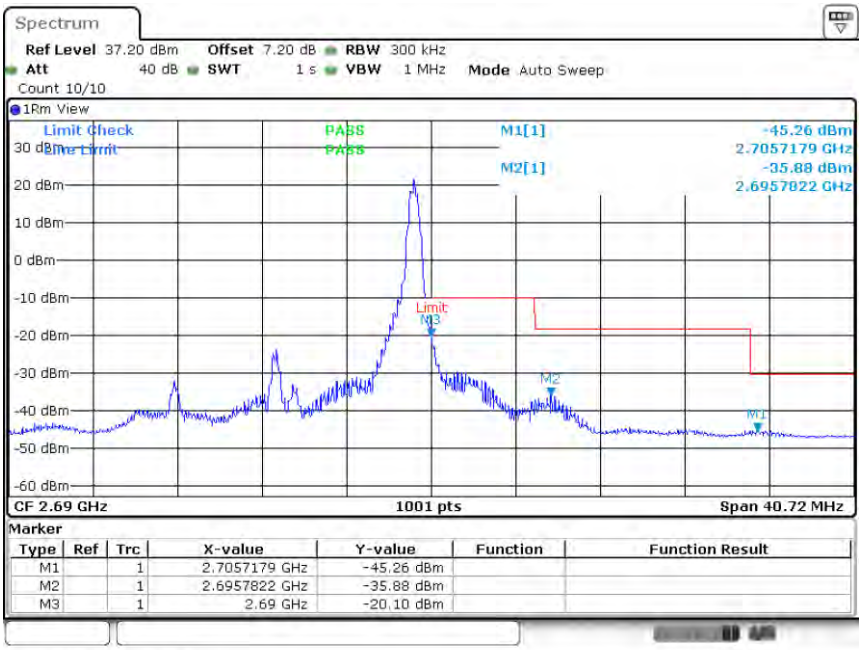
Band41-15MHz-16QAM-39725-75RB#0




Date: 29.MAR.2021 19:58:37

Band41-15MHz-16QAM-41515-1RB#74




Date: 29.MAR.2021 19:57:49

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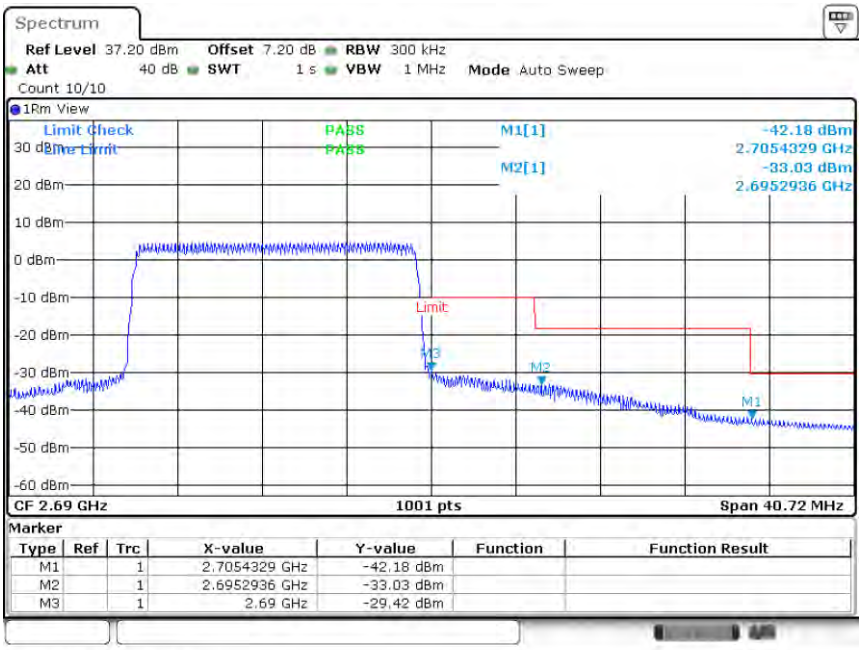
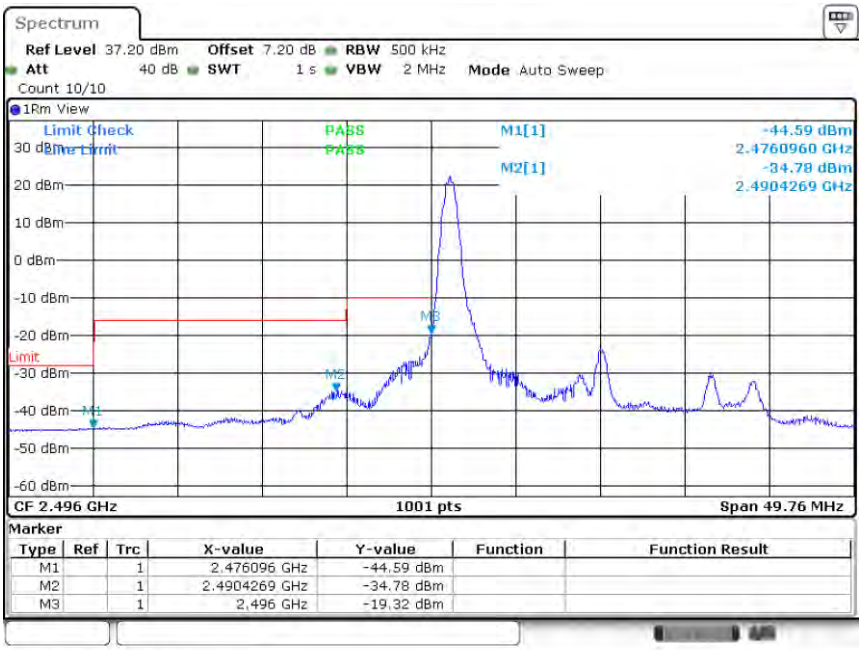
Band41-15MHz-16QAM-41515-75RB#0




Date: 29.MAR.2021 19:59:20

Band41-20MHz-QPSK-39750-1RB#0




Date: 29.MAR.2021 19:59:47

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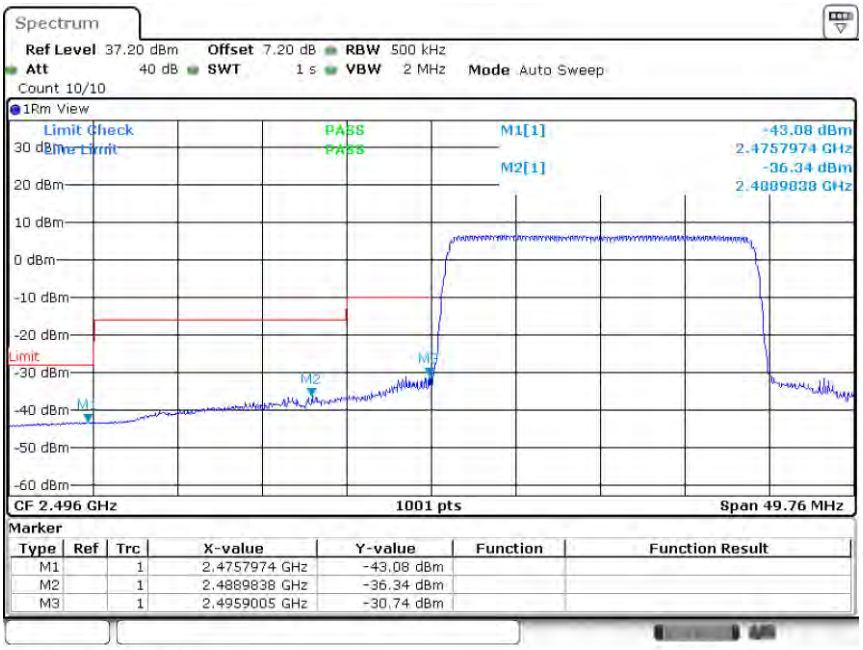
Band41-20MHz-QPSK-39750-100RB#0

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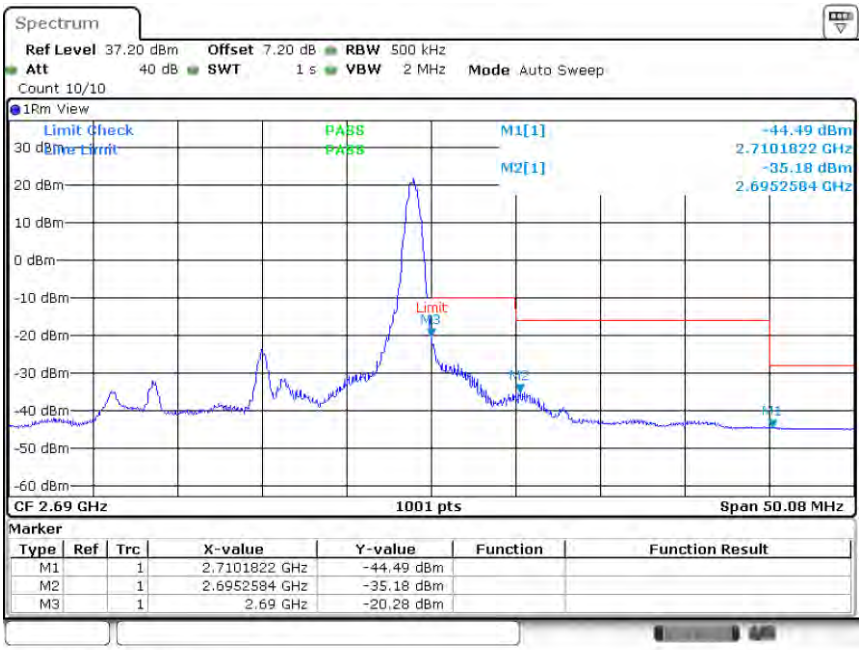
Band41-20MHz-QPSK-41490-1RB#99

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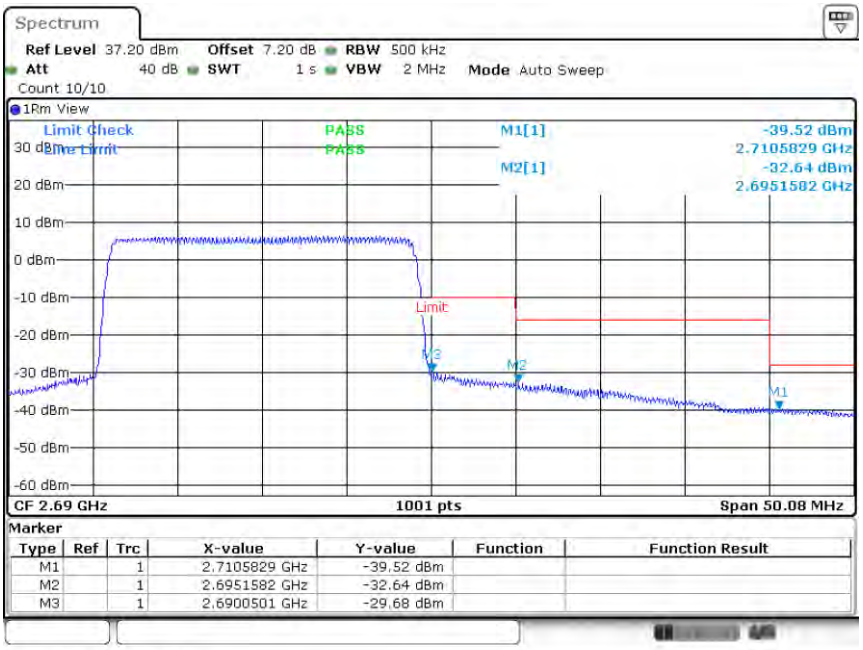
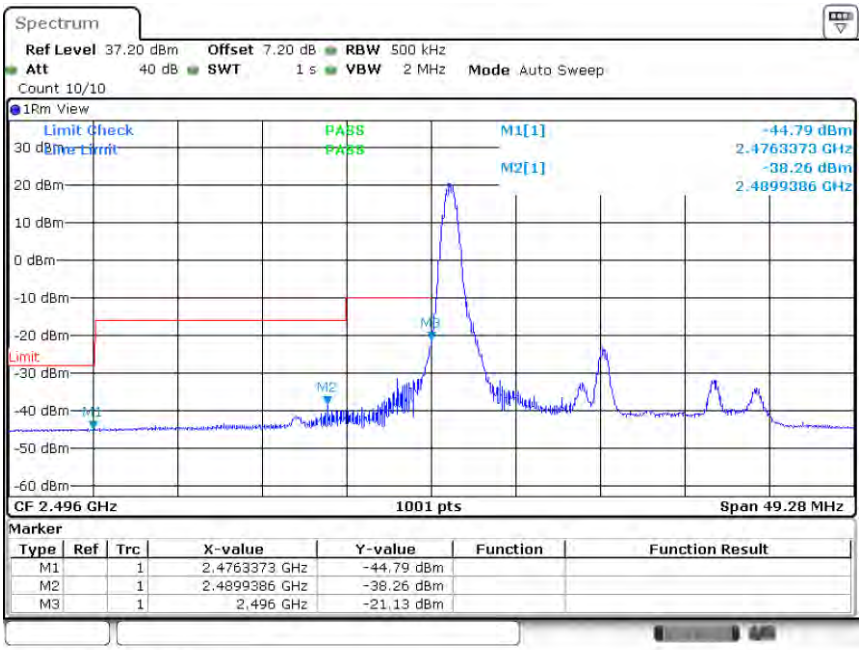
Band41-20MHz-QPSK-41490-100RB#0




Date: 29.MAR.2021 20:02:05

Band41-20MHz-64QAM-39750-1RB#0




Date: 29.MAR.2021 20:07:58

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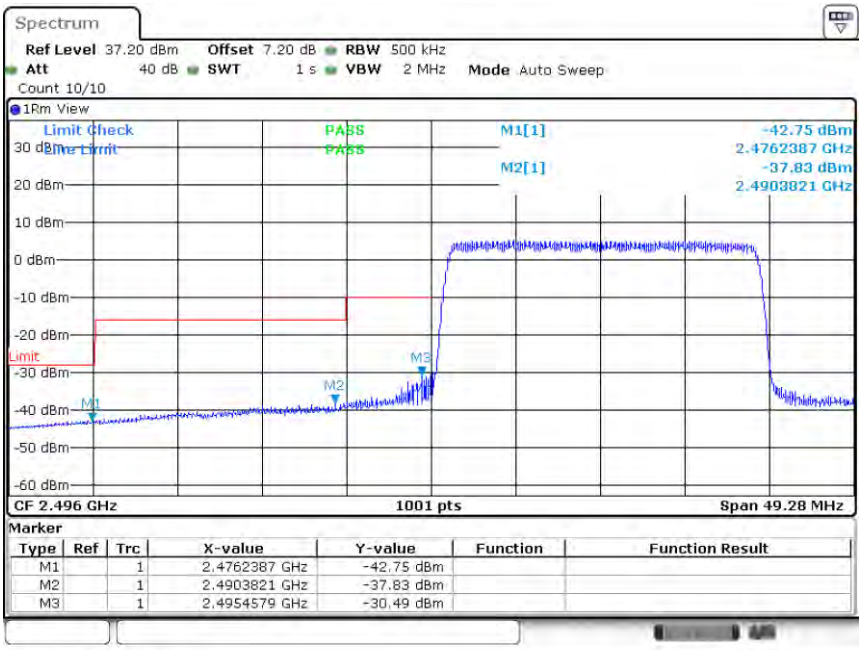
Band41-20MHz-64QAM-39750-100RB#0

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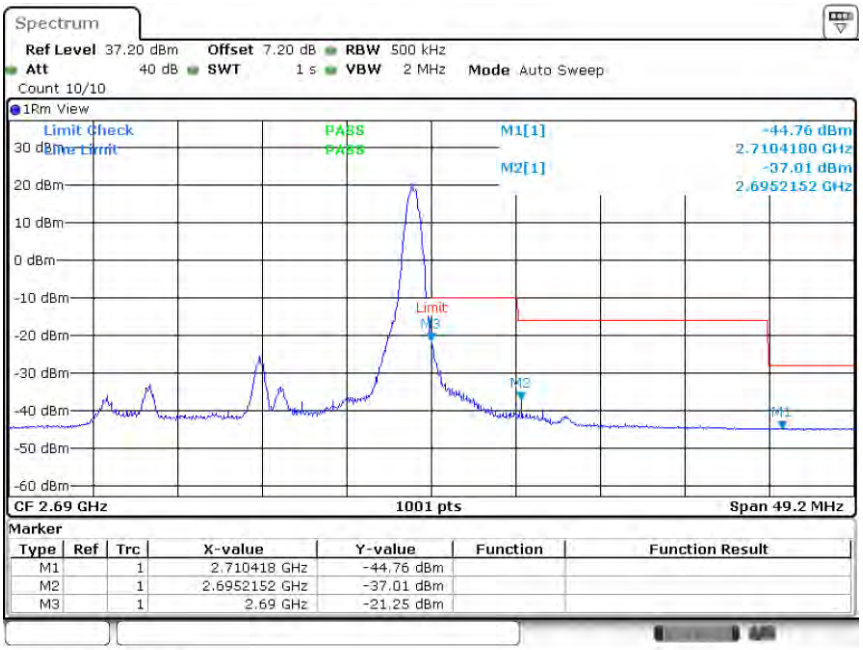
Band41-20MHz-64QAM-41490-1RB#99

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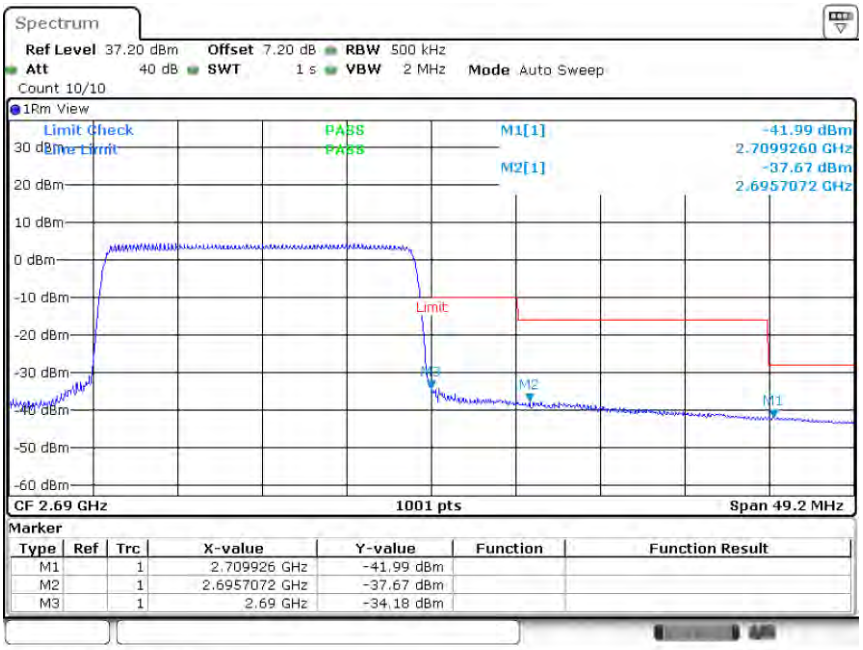
Band41-20MHz-64QAM-41490-100RB#0

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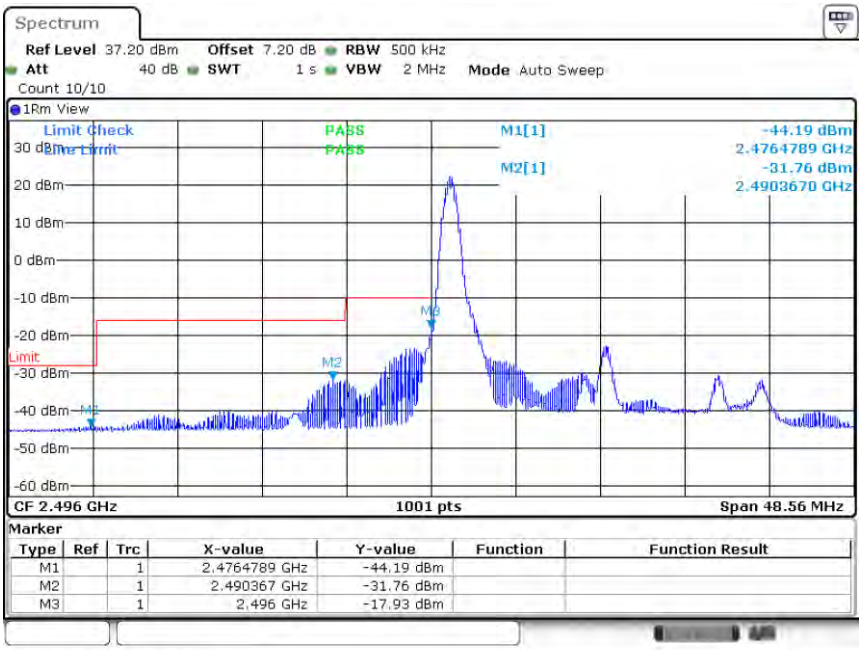
Band41-20MHz-16QAM-39750-1RB#0

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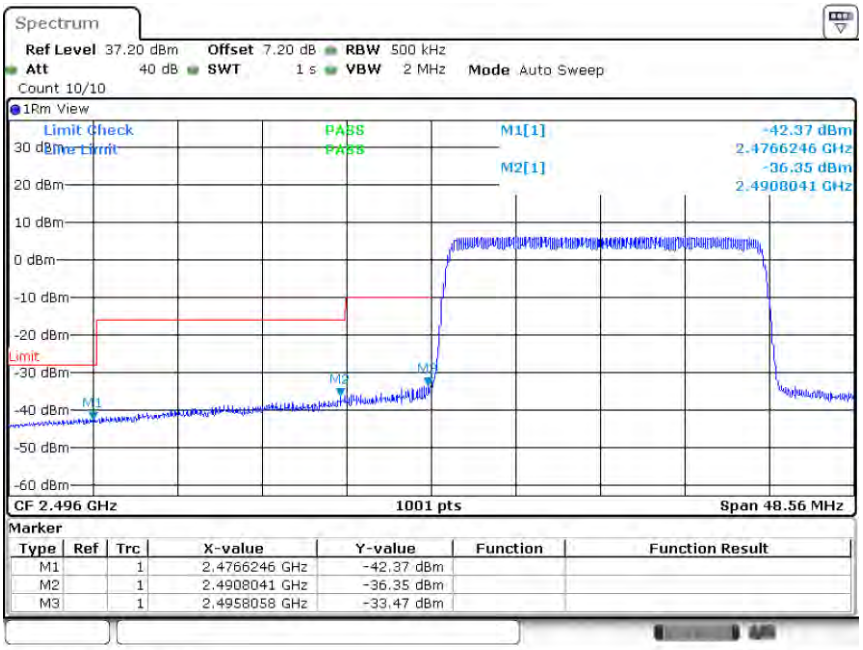
Band41-20MHz-16QAM-39750-100RB#0

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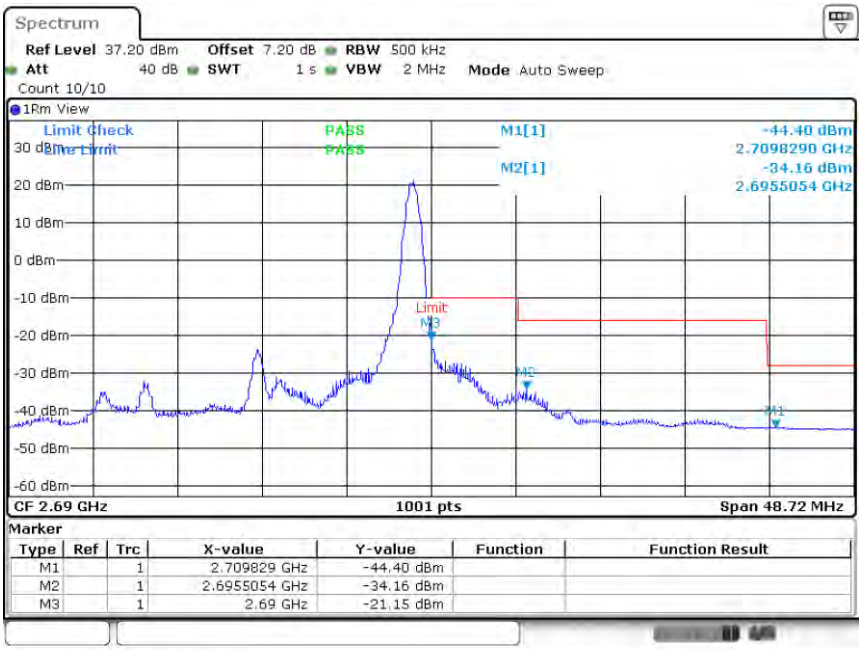
Band41-20MHz-16QAM-41490-1RB#99

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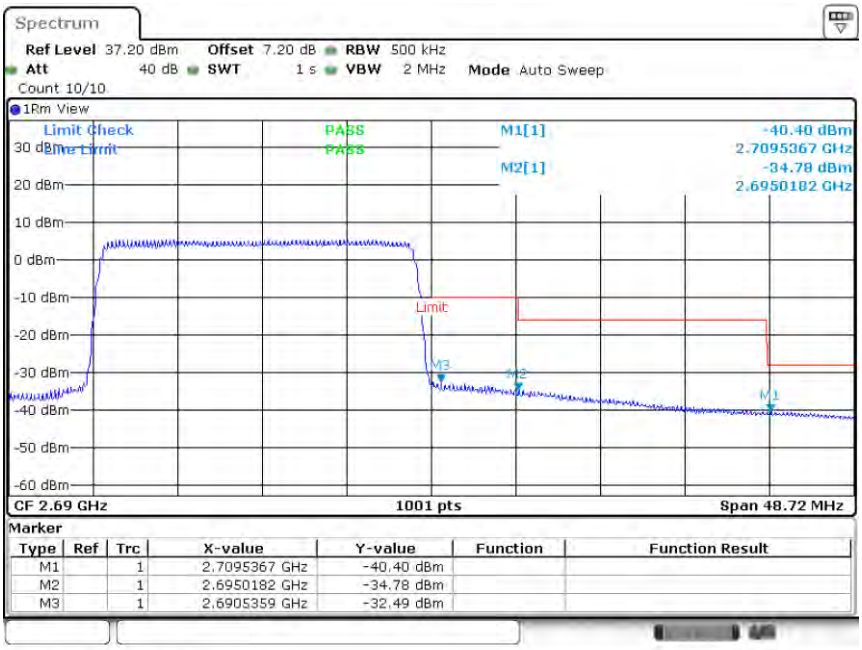
Band41-20MHz-16QAM-41490-100RB#0




Remark: The limit of more than 1MHz offset the channel edge is corrected by the formula:
X=Limit+10log (RBW/1000kHz)

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# 6. Spurious Emission at Antenna Terminal

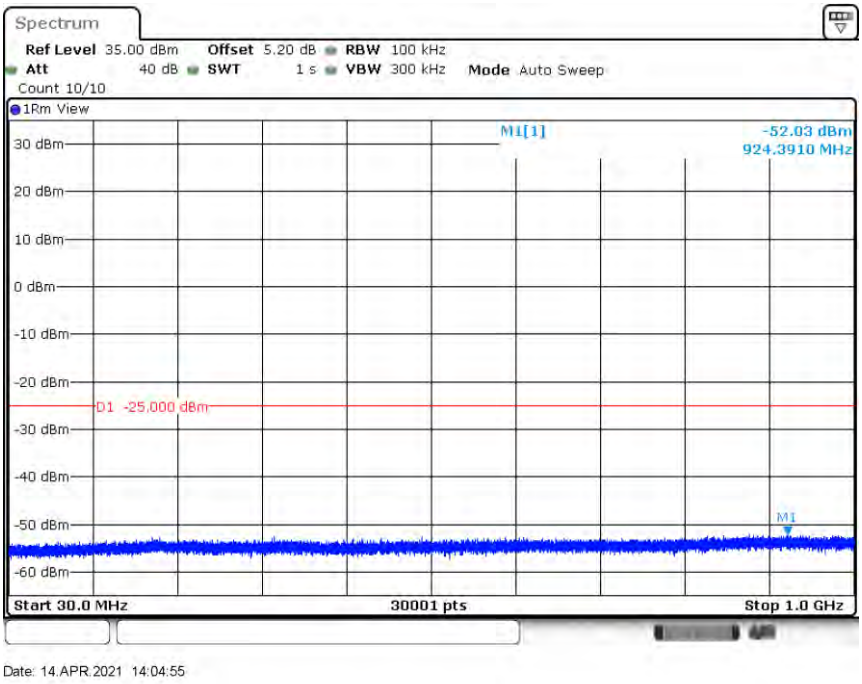
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k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

Remark2: 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.

Remark3: 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 had been displayed.

## 6.1. Test Plots

Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz

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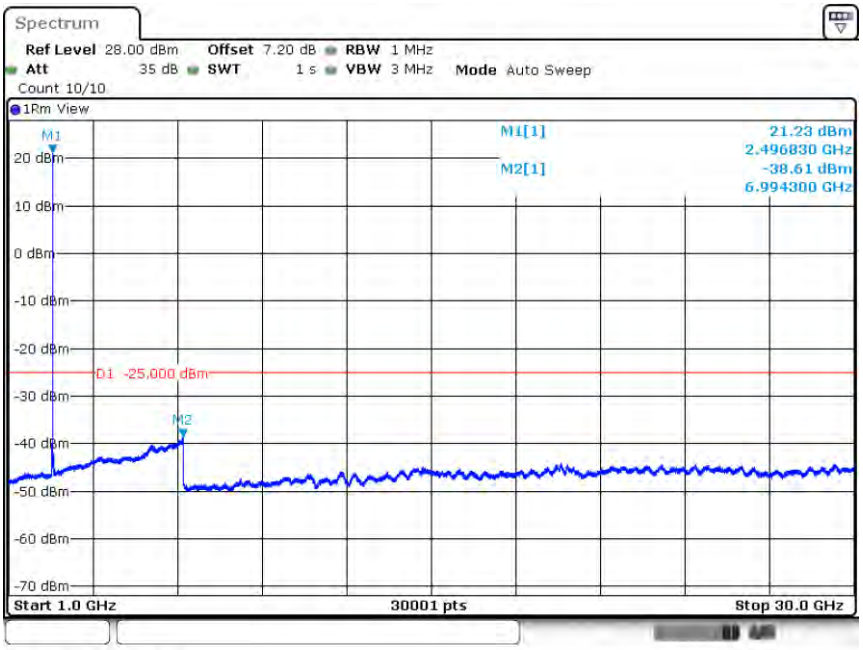
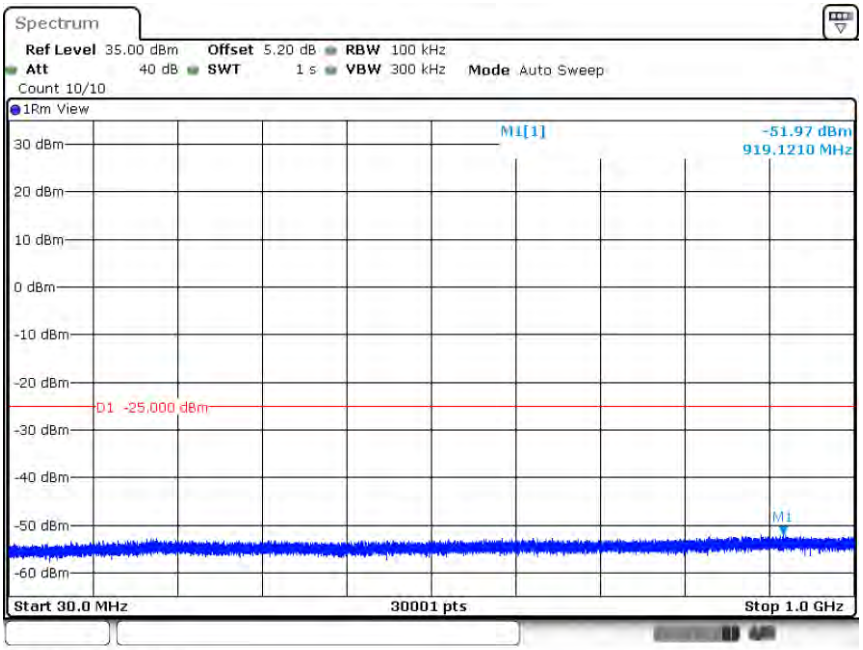
Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:05:11

Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz




Date: 14.APR.2021 14:06:05

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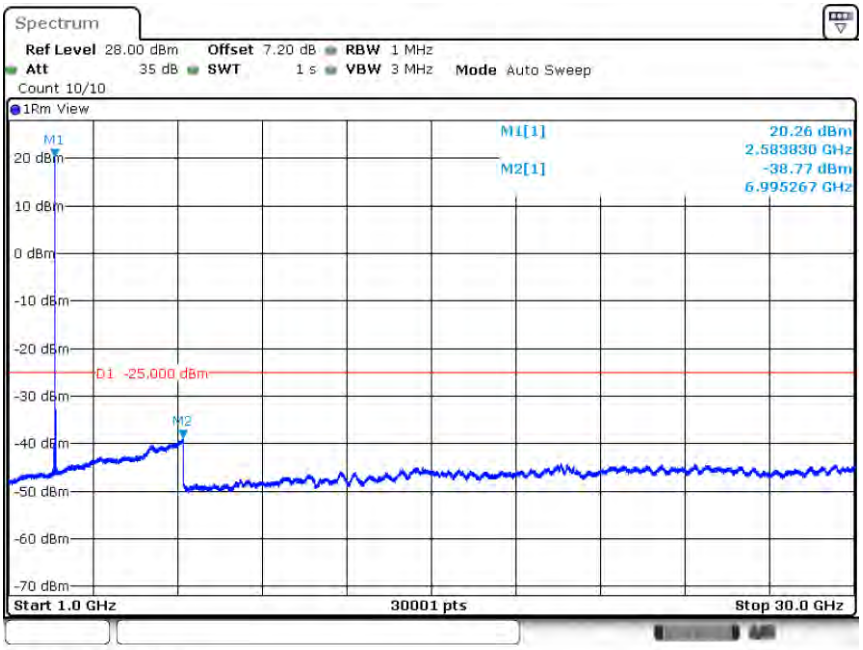
Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:06:22

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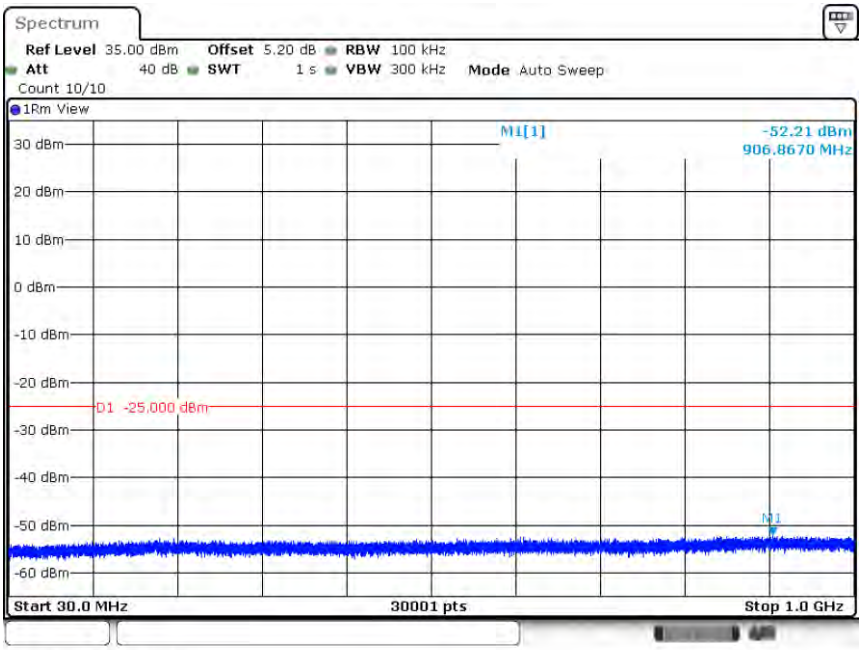


Date: 14.APR.2021 14:07:16

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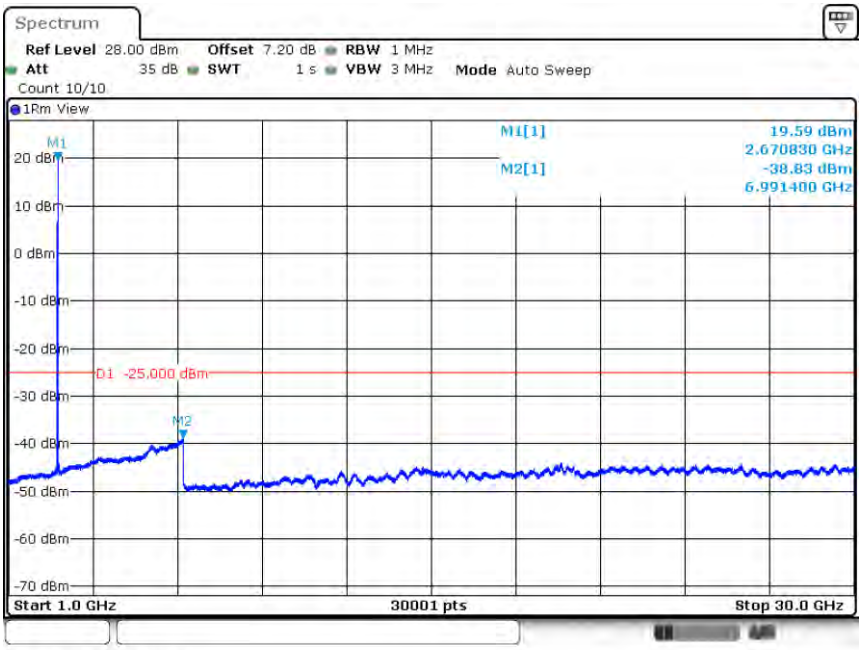
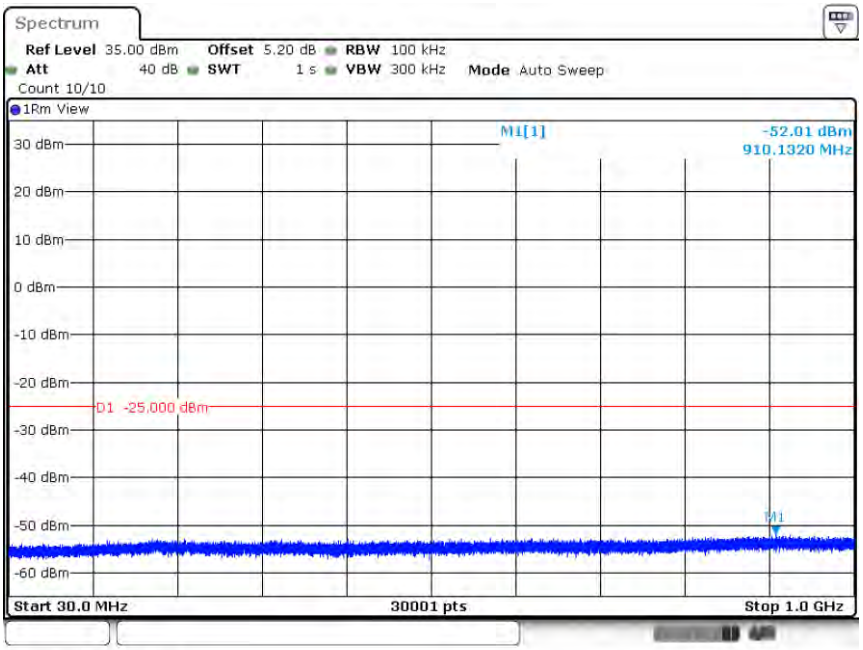
Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:07:32

Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz




Date: 14.APR.2021 14:19:49

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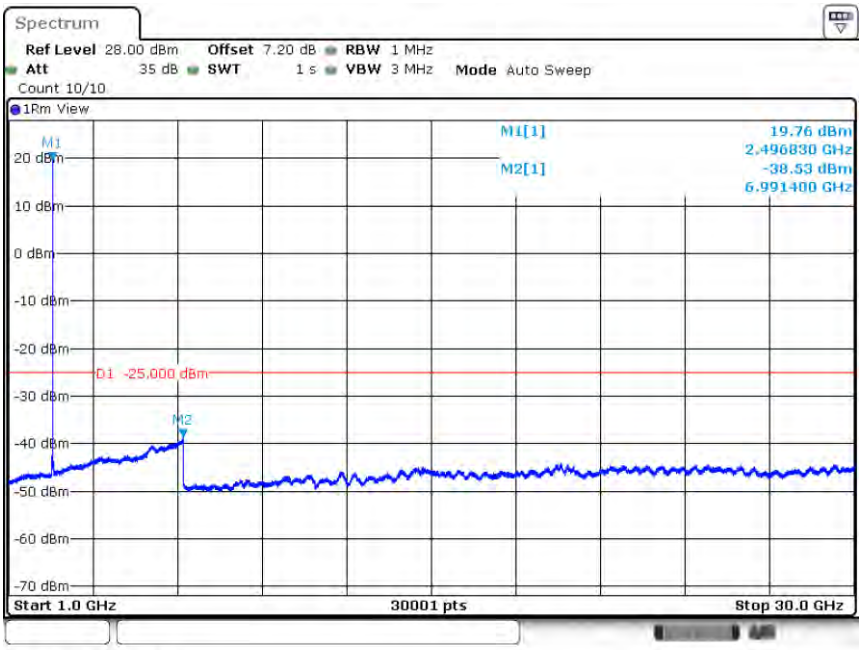
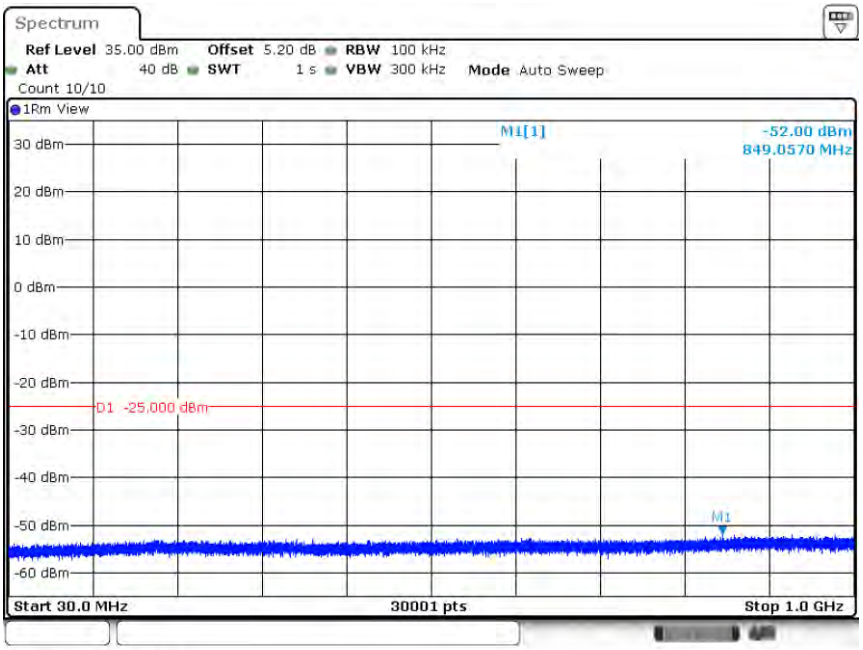
Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:20:06

Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz




Date: 14.APR.2021 14:20:25

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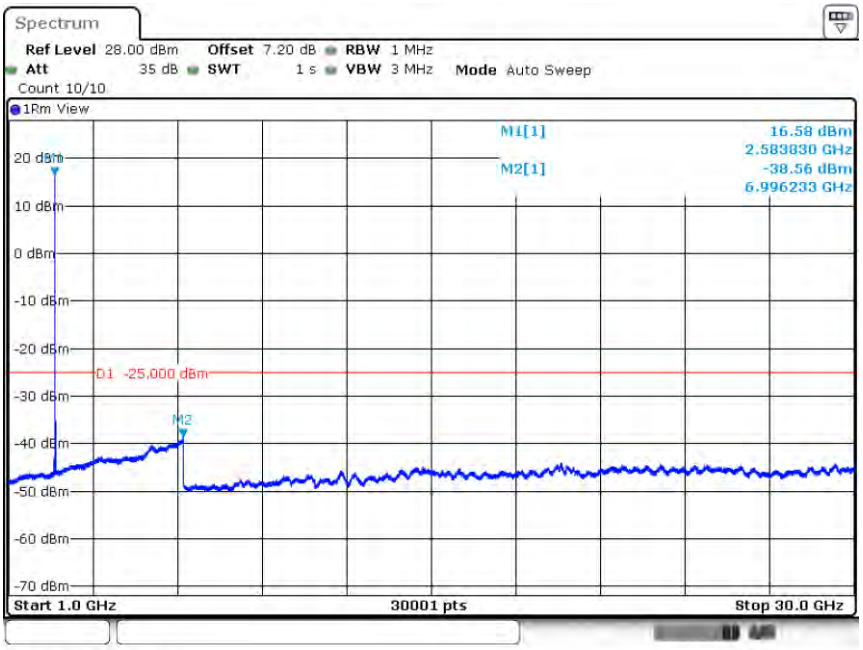
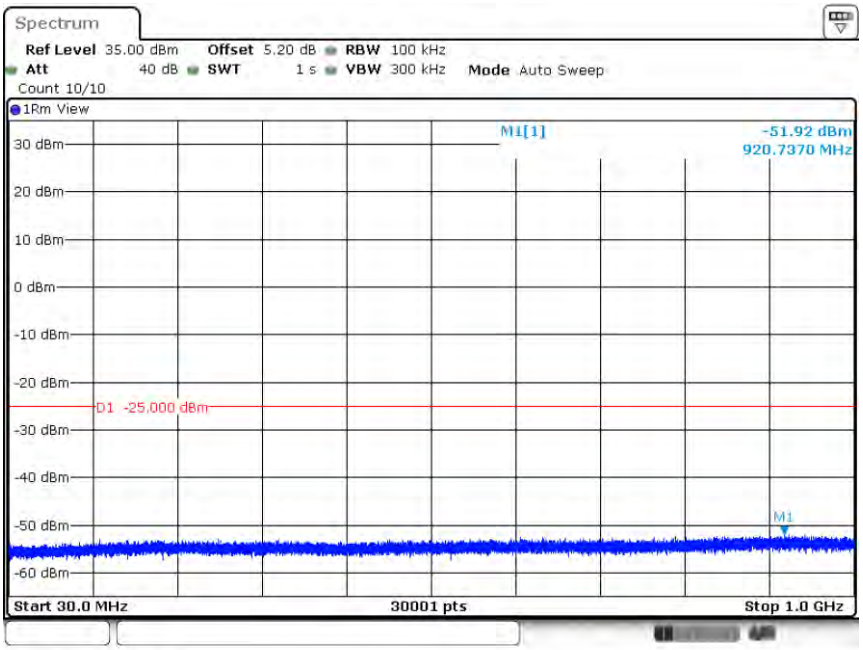
Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:20:41

Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz




Date: 14.APR.2021 14:21:00

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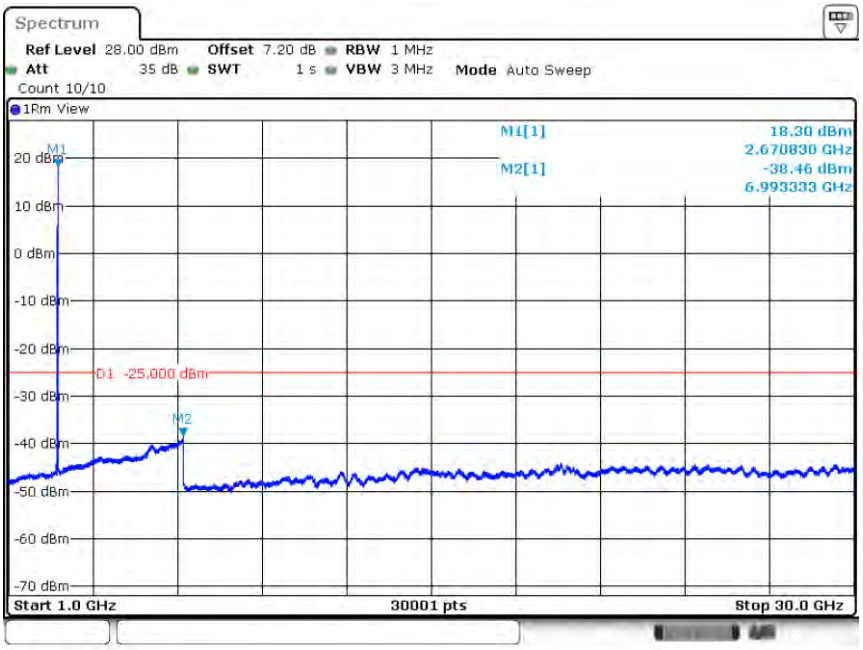
Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:21:16

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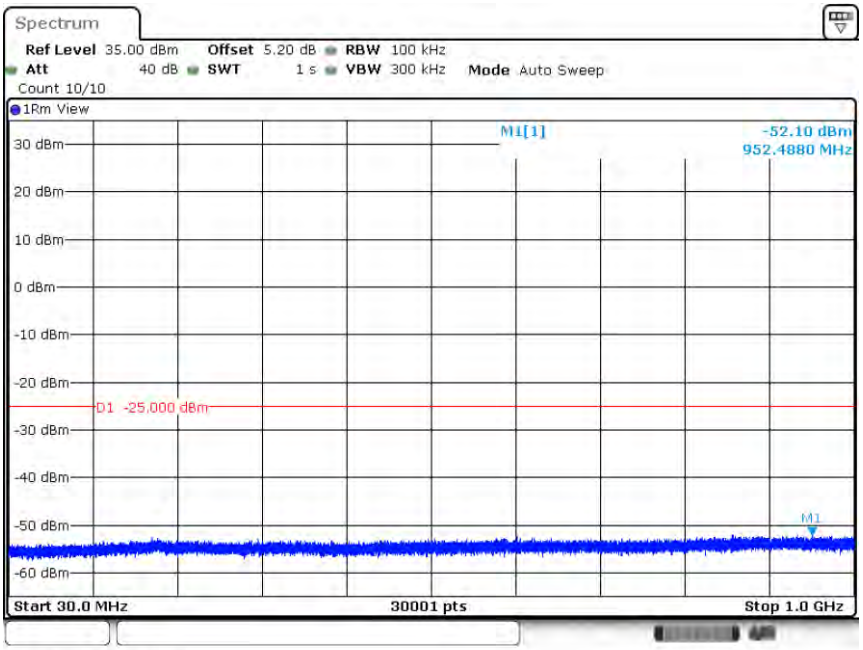


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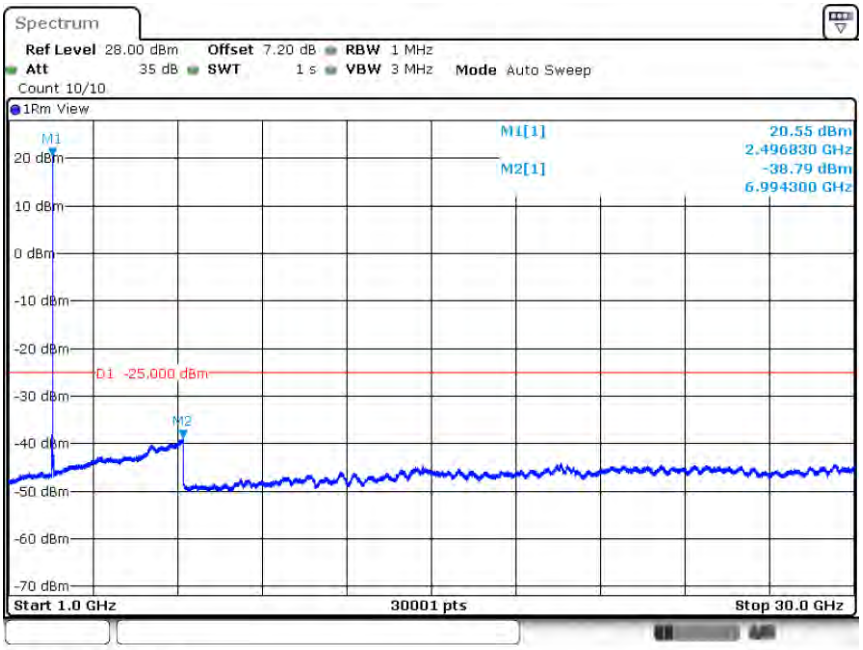
Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:05:46

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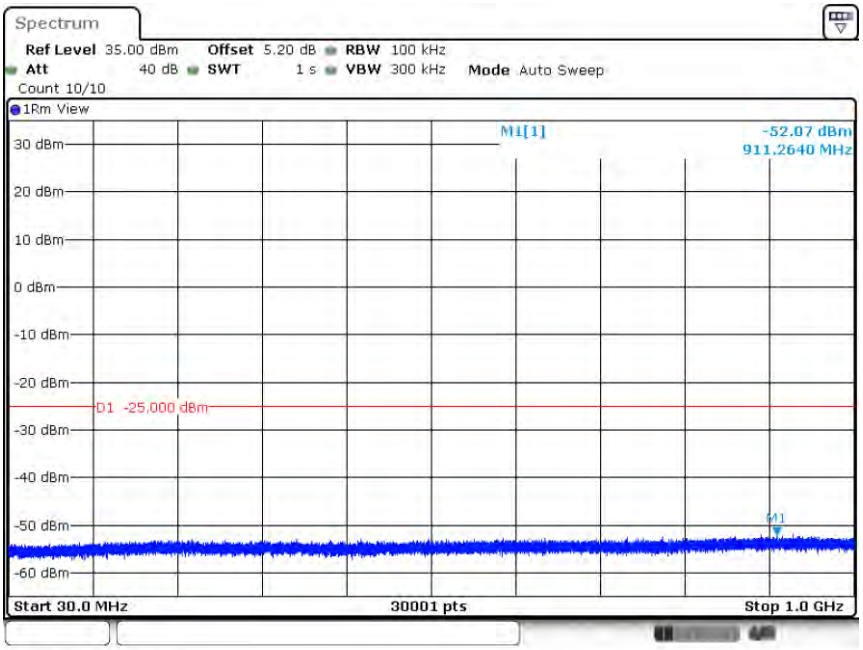


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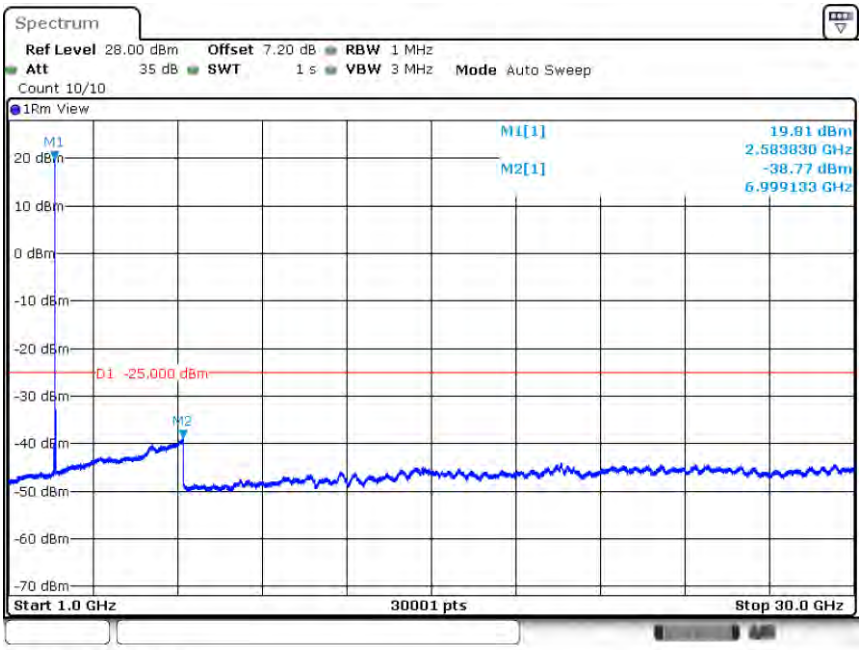
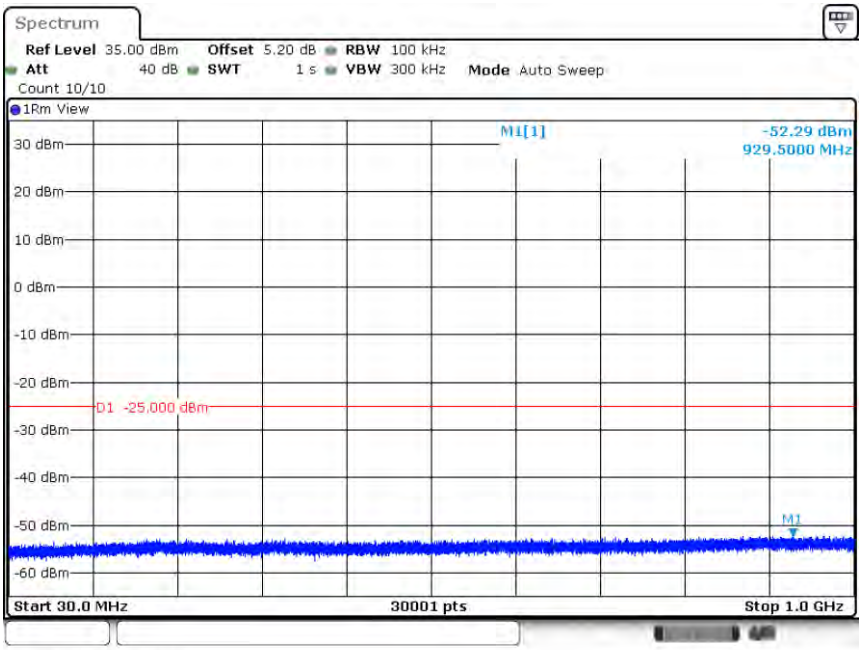
Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz




Date: 14.APR.2021 14:06:57

Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz

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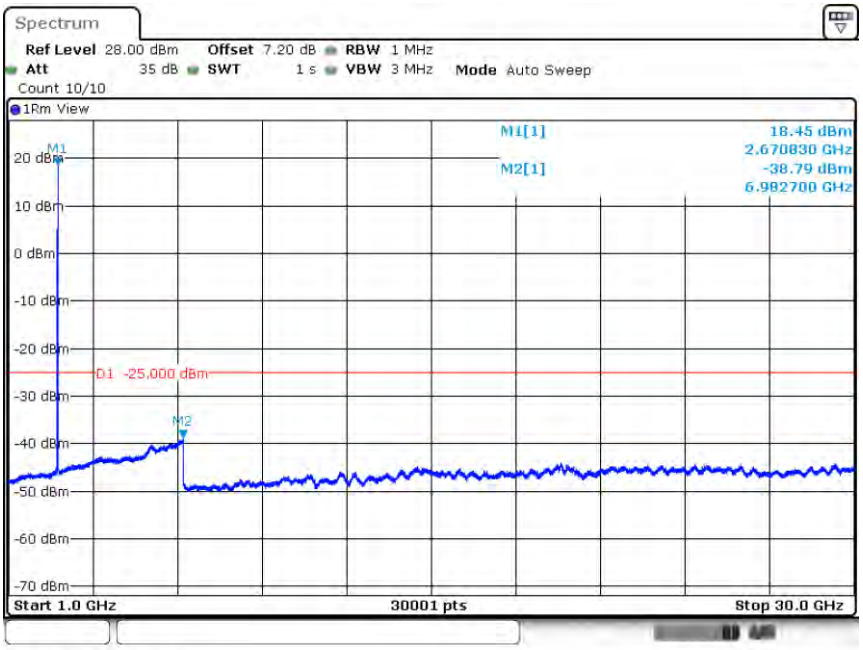
Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz

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# 7. Field Strength of Spurious Radiation

## 7.1. Test Band LTE_Band41 _TM1 ANT13

### 7.1.1. Test Channel Low Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 43.3867 | -88.23 | -57.49 | -25.00 | 32.49 | Horizontal |
| 2 | 229.6360 | -85.84 | -61.06 | -25.00 | 36.06 | Horizontal |
| 3 | 1005.7000 | -70.47 | -51.69 | -25.00 | 26.69 | Horizontal |
| 4 | 5326.0000 | -47.84 | -46.62 | -25.00 | 21.62 | Horizontal |
| 5 | 11368.0000 | -51.09 | -42.15 | -25.00 | 17.15 | Horizontal |
| 6 | 16797.000 | -50.62 | -36.40 | -25.00 | 11.40 | Horizontal |

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## 7.2. Test Band LTE_Band41 _TM1 ANT13

### 7.2.1. Test Channel Low Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.1142 | -87.59 | -66.84 | -25.00 | 41.84 | Vertical |
| 2 | 110.8535 | -87.31 | -57.98 | -25.00 | 32.98 | Vertical |
| 3 | 1008.4000 | -69.91 | -51.06 | -25.00 | 26.06 | Vertical |
| 4 | 5251.0000 | -47.71 | -47.60 | -25.00 | 22.60 | Vertical |
| 5 | 14890.500 | -51.70 | -37.74 | -25.00 | 12.74 | Vertical |
| 6 | 17788.000 | -49.37 | -33.81 | -25.00 | 8.81 | Vertical |

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## 7.3. Test Band LTE_Band41 _TM1 ANT13

### 7.3.1. Test Channel Mid Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 41.7861 | -87.61 | -56.94 | -25.00 | 31.94 | Horizontal |
| 2 | 239.0940 | -86.60 | -61.81 | -25.00 | 36.81 | Horizontal |
| 3 | 1337.5000 | -69.48 | -50.25 | -25.00 | 25.25 | Horizontal |
| 4 | 5305.0000 | -47.37 | -45.83 | -25.00 | 20.83 | Horizontal |
| 5 | 10363.000 | -49.40 | -41.78 | -25.00 | 16.78 | Horizontal |
| 6 | 16938.500 | -51.25 | -35.71 | -25.00 | 10.71 | Horizontal |

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## 7.4. Test Band LTE_Band41 _TM1 ANT13

### 7.4.1. Test Channel Mid Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 105.1303 | -87.29 | -58.97 | -25.00 | 33.97 | Vertical |
| 2 | 1333.7000 | -68.29 | -49.21 | -25.00 | 24.21 | Vertical |
| 3 | 5001.5000 | -46.61 | -47.89 | -25.00 | 22.89 | Vertical |
| 4 | 8802.5000 | -49.54 | -44.82 | -25.00 | 19.82 | Vertical |
| 5 | 14672.500 | -50.67 | -37.02 | -25.00 | 12.02 | Vertical |
| 6 | 17805.500 | -50.46 | -34.53 | -25.00 | 9.53 | Vertical |

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## 7.5. Test Band LTE_Band41 _TM1 ANT13

### 7.5.1. Test Channel High Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 45.1813 | -87.90 | -57.21 | -25.00 | 32.21 | Horizontal |
| 2 | 223.5247 | -86.54 | -62.77 | -25.00 | 37.77 | Horizontal |
| 3 | 1781.0000 | -57.24 | -37.72 | -25.00 | 12.72 | Horizontal |
| 4 | 5342.0000 | -44.34 | -43.36 | -25.00 | 18.36 | Horizontal |
| 5 | 12184.500 | -51.48 | -41.12 | -25.00 | 16.12 | Horizontal |
| 6 | 16564.500 | -50.07 | -36.15 | -25.00 | 11.15 | Horizontal |

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## 7.6. Test Band LTE_Band41 _TM1 ANT13

### 7.6.1. Test Channel High Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 111.1446 | -87.50 | -58.20 | -25.00 | 33.20 | Vertical |
| 2 | 587.4869 | -85.53 | -58.96 | -25.00 | 33.96 | Vertical |
| 3 | 1499.8000 | -69.65 | -49.70 | -25.00 | 24.70 | Vertical |
| 4 | 5301.5000 | -48.50 | -47.44 | -25.00 | 22.44 | Vertical |
| 5 | 14981.500 | -51.52 | -38.26 | -25.00 | 13.26 | Vertical |
| 6 | 17904.000 | -51.23 | -32.66 | -25.00 | 7.66 | Vertical |

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## 7.7. Test Band LTE_Band41 _TM1 ANT31

### 7.7.1. Test Channel High Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 43.3867 | -88.28 | -57.54 | -25.00 | 32.54 | Horizontal |
| 2 | 233.8557 | -86.62 | -61.80 | -25.00 | 36.80 | Horizontal |
| 3 | 656.6513 | -86.75 | -59.69 | -25.00 | 34.69 | Horizontal |
| 4 | 5252.5000 | -47.41 | -46.83 | -25.00 | 21.83 | Horizontal |
| 5 | 8974.0000 | -49.46 | -45.03 | -25.00 | 20.03 | Horizontal |
| 6 | 13217.500 | -51.57 | -40.25 | -25.00 | 15.25 | Horizontal |

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## 7.8. Test Band LTE_Band41 _TM1 ANT31

### 7.8.1. Test Channel High Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.9872 | -86.95 | -65.46 | -25.00 | 40.46 | Vertical |
| 2 | 113.6182 | -86.60 | -57.57 | -25.00 | 32.57 | Vertical |
| 3 | 456.1908 | -85.22 | -60.53 | -25.00 | 35.53 | Vertical |
| 4 | 1032.6000 | -70.24 | -51.93 | -25.00 | 26.93 | Vertical |
| 5 | 5283.5000 | -46.87 | -46.12 | -25.00 | 21.12 | Vertical |
| 6 | 14962.000 | -50.84 | -37.65 | -25.00 | 12.65 | Vertical |

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## 7.9. Test Band LTE_Band41 _TM1 ANT31

### 7.9.1. Test Channel Mid Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 42.9016 | -86.85 | -56.13 | -25.00 | 31.13 | Horizontal |
| 2 | 230.7030 | -86.65 | -61.81 | -25.00 | 36.81 | Horizontal |
| 3 | 631.3816 | -85.66 | -58.62 | -25.00 | 33.62 | Horizontal |
| 4 | 5272.5000 | -47.93 | -46.91 | -25.00 | 21.91 | Horizontal |
| 5 | 10410.500 | -51.53 | -43.30 | -25.00 | 18.30 | Horizontal |
| 6 | 16612.000 | -48.83 | -34.83 | -25.00 | 9.83 | Horizontal |

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## 7.10. Test Band LTE_Band41 _TM1 ANT31

### 7.10.1. Test Channel Mid Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 50.3225 | -86.81 | -64.28 | -25.00 | 39.28 | Vertical |
| 2 | 109.9320 | -86.91 | -57.51 | -25.00 | 32.51 | Vertical |
| 3 | 375.5798 | -85.91 | -62.04 | -25.00 | 37.04 | Vertical |
| 4 | 1009.9000 | -69.81 | -50.99 | -25.00 | 25.99 | Vertical |
| 5 | 5319.0000 | -48.36 | -47.54 | -25.00 | 22.54 | Vertical |
| 6 | 14539.000 | -52.38 | -38.15 | -25.00 | 13.15 | Vertical |

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## 7.11. Test Band LTE_Band41 _TM1 ANT31

### 7.11.1. Test Channel Low Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 42.6106 | -87.22 | -56.52 | -25.00 | 31.52 | Horizontal |
| 2 | 234.1467 | -86.63 | -61.81 | -25.00 | 36.81 | Horizontal |
| 3 | 561.6836 | -86.51 | -60.06 | -25.00 | 35.06 | Horizontal |
| 4 | 5317.0000 | -46.73 | -45.37 | -25.00 | 20.37 | Horizontal |
| 5 | 9206.5000 | -48.29 | -42.79 | -25.00 | 17.79 | Horizontal |
| 6 | 16977.000 | -51.14 | -34.93 | -25.00 | 9.93 | Horizontal |

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## 7.12. Test Band LTE_Band41 _TM1 ANT31

### 7.12.1. Test Channel Low Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 48.8674 | -86.86 | -64.55 | -25.00 | 39.55 | Vertical |
| 2 | 110.2230 | -87.47 | -58.07 | -25.00 | 33.07 | Vertical |
| 3 | 398.8124 | -86.28 | -62.38 | -25.00 | 37.38 | Vertical |
| 4 | 5326.0000 | -47.78 | -47.06 | -25.00 | 22.06 | Vertical |
| 5 | 9589.0000 | -49.37 | -42.54 | -25.00 | 17.54 | Vertical |
| 6 | 14538.000 | -52.28 | -38.06 | -25.00 | 13.06 | Vertical |

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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# 8. Frequency Stability

## 8.1. Frequency Vs Voltage

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | VL | NT | 7.90 | 0.003152 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | VN | NT | 3.60 | 0.001437 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | VH | NT | 9.30 | 0.003711 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | VL | NT | 10.20 | 0.003934 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | VN | NT | 8.60 | 0.003317 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | VH | NT | 13.40 | 0.005168 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | VL | NT | 10.20 | 0.003806 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | VN | NT | 6.80 | 0.002537 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | VH | NT | 7.90 | 0.002948 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | VL | NT | 10.20 | 0.004070 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | VN | NT | 10.30 | 0.004110 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | VH | NT | 7.10 | 0.002833 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | VL | NT | 9.90 | 0.003818 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | VN | NT | 13.40 | 0.005168 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | VH | NT | 11.50 | 0.004435 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | VL | NT | 8.70 | 0.003246 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | VN | NT | 10.40 | 0.003881 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | VH | NT | 11.00 | 0.004104 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | VL | NT | 11.40 | 0.004549 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | VN | NT | 11.60 | 0.004629 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | VH | NT | 11.10 | 0.004429 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | VL | NT | 10.80 | 0.004165 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | VN | NT | 9.00 | 0.003471 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | VH | NT | 8.60 | 0.003317 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | VL | NT | 11.50 | 0.004291 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | VN | NT | 10.50 | 0.003918 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | VH | NT | 6.70 | 0.002500 | ±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 |
|---|---|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | -30 | 10.40 | 0.004150 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | -20 | 10.70 | 0.004270 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | -10 | 10.10 | 0.004030 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | 0 | 11.00 | 0.004389 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | 10 | 11.20 | 0.004469 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | 20 | 10.00 | 0.003990 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | 30 | 13.50 | 0.005387 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | 40 | 8.10 | 0.003232 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | NV | 50 | 12.70 | 0.005068 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -30 | 9.50 | 0.003664 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -20 | 10.00 | 0.003857 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -10 | 10.50 | 0.004049 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 0 | 9.70 | 0.003741 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 10 | 6.10 | 0.002352 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 20 | 10.50 | 0.004049 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 30 | 9.70 | 0.003741 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 40 | 10.80 | 0.004165 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 50 | 10.80 | 0.004165 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | -30 | 11.90 | 0.004440 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | -20 | 10.30 | 0.003843 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | -10 | 5.50 | 0.002052 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 0 | 8.70 | 0.003246 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 10 | 14.00 | 0.005224 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 20 | 21.80 | 0.008134 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 30 | 6.40 | 0.002388 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 40 | 7.10 | 0.002649 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | NV | 50 | 12.20 | 0.004552 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | -30 | 8.60 | 0.003432 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | -20 | 10.50 | 0.004190 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | -10 | 7.10 | 0.002833 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 0 | 6.90 | 0.002753 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 10 | 7.20 | 0.002873 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 20 | 14.10 | 0.005626 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 30 | 11.50 | 0.004589 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 40 | 6.20 | 0.002474 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 50 | 10.70 | 0.004270 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -30 | 10.60 | 0.004088 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -20 | 12.80 | 0.004936 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -10 | 6.70 | 0.002584 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 0 | 11.30 | 0.004358 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 10 | 11.10 | 0.004281 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 20 | 8.30 | 0.003201 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 30 | 11.80 | 0.004551 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 40 | 11.70 | 0.004512 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 50 | 10.10 | 0.003895 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -30 | 12.20 | 0.004552 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -20 | 8.80 | 0.003284 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -10 | 11.10 | 0.004142 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 0 | 10.70 | 0.003993 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 10 | 10.30 | 0.003843 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 20 | 15.20 | 0.005672 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 30 | 13.10 | 0.004888 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 40 | 9.90 | 0.003694 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 50 | 7.00 | 0.002612 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -30 | 10.30 | 0.004110 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -20 | 9.10 | 0.003631 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -10 | 13.60 | 0.005427 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 0 | 10.10 | 0.004030 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 10 | 9.60 | 0.003831 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 20 | 11.20 | 0.004469 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 30 | 12.40 | 0.004948 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 40 | 9.00 | 0.003591 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 50 | 8.80 | 0.003512 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -30 | 11.10 | 0.004281 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -20 | 8.40 | 0.003239 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -10 | 11.30 | 0.004358 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 0 | 8.40 | 0.003239 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 10 | 6.20 | 0.002391 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 20 | 10.20 | 0.003934 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 30 | 10.10 | 0.003895 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 40 | 8.60 | 0.003317 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 50 | 6.50 | 0.002507 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -30 | 8.80 | 0.003284 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -20 | 6.70 | 0.002500 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -10 | 9.50 | 0.003545 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 0 | 8.20 | 0.003060 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 10 | 11.90 | 0.004440 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 20 | 10.30 | 0.003843 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 30 | 10.20 | 0.003806 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 40 | 13.10 | 0.004888 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 50 | 6.40 | 0.002388 | ±2.5 | PASS |

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