

Appendix for LTE Band41

FCC ID: 2AC88-GLMU19A02

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| APPENDIX A: EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA | 3 |
| APPENDIX B: PEAK-TO-AVERAGE RATIO(CCDF) | 8 |
| APPENDIX C: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH..... | 30 |
| APPENDIX D: BAND EDGE | 41 |
| APPENDIX E: CONDUCTED SPURIOUS EMISSION..... | 69 |
| APPENDIX F: FREQUENCY STABILITY..... | 131 |

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | 22.04 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#12 | 22.21 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#24 | 21.89 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 12RB#0 | 21.06 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 12RB#6 | 21.13 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 12RB#13 | 21.10 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 25RB#0 | 21.10 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | 22.55 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#12 | 22.25 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#24 | 22.47 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 12RB#0 | 21.70 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 12RB#6 | 21.83 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 12RB#13 | 21.75 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | 21.57 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | 21.25 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#12 | 21.23 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#24 | 20.88 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 12RB#0 | 20.74 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 12RB#6 | 20.83 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 12RB#13 | 20.49 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 25RB#0 | 20.31 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | 20.95 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#12 | 21.34 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#24 | 20.90 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 12RB#0 | 20.95 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 12RB#6 | 21.23 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 12RB#13 | 20.89 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 25RB#0 | 20.32 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | 21.71 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#12 | 21.83 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#24 | 21.75 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 12RB#0 | 21.79 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 12RB#6 | 21.83 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 12RB#13 | 21.75 | PASS |

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|--------|-------|-------|-------|---------|-------|------|
| Band41 | 5MHz | 16QAM | 40690 | 25RB#0 | 20.50 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | 20.33 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#12 | 20.81 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#24 | 20.47 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 12RB#0 | 20.72 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 12RB#6 | 20.94 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 12RB#13 | 20.49 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 25RB#0 | 20.21 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | 22.12 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#24 | 22.28 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#49 | 22.09 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 25RB#0 | 21.28 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 25RB#12 | 21.27 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 25RB#25 | 21.30 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 50RB#0 | 21.20 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | 22.53 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#24 | 22.76 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#49 | 22.42 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 25RB#0 | 21.63 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 25RB#12 | 21.55 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 25RB#25 | 21.59 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | 21.53 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | 21.21 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#24 | 21.23 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#49 | 20.83 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 25RB#0 | 20.34 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 25RB#12 | 20.35 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 25RB#25 | 20.39 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 50RB#0 | 20.33 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | 21.14 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#24 | 21.42 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#49 | 21.13 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#0 | 21.17 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#12 | 21.16 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 25RB#25 | 21.27 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0 | 20.34 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | 21.43 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#24 | 22.31 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#49 | 21.44 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 25RB#0 | 21.63 | PASS |

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|--------|-------|-------|-------|---------|-------|------|
| Band41 | 10MHz | 16QAM | 40690 | 25RB#12 | 21.55 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 25RB#25 | 21.61 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 50RB#0 | 20.45 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | 20.39 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#24 | 20.44 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#49 | 20.94 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 25RB#0 | 20.35 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 25RB#12 | 20.36 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 25RB#25 | 20.39 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | 20.44 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | 21.91 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#38 | 21.98 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#74 | 21.76 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 38RB#0 | 21.09 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 38RB#18 | 21.10 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 38RB#37 | 21.18 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 75RB#0 | 21.21 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | 22.53 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#38 | 22.49 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#74 | 22.36 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 38RB#0 | 21.75 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 38RB#18 | 22.16 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 38RB#37 | 21.34 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | 21.56 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | 21.53 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#38 | 21.24 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#74 | 20.88 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 38RB#0 | 20.61 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 38RB#18 | 20.35 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 38RB#37 | 20.59 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 75RB#0 | 20.54 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | 21.10 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#38 | 21.09 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#74 | 21.09 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#0 | 21.09 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#18 | 21.18 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 38RB#37 | 21.18 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0 | 20.56 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | 21.37 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#38 | 21.64 | PASS |

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|--------|-------|-------|-------|---------|-------|------|
| Band41 | 15MHz | 16QAM | 40690 | 1RB#74 | 21.72 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 38RB#0 | 21.76 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 38RB#18 | 21.68 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 38RB#37 | 21.63 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 75RB#0 | 20.52 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | 20.41 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#38 | 20.35 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#74 | 20.89 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 38RB#0 | 20.61 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 38RB#18 | 20.35 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 38RB#37 | 20.45 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0 | 20.32 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | 22.28 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#49 | 22.62 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#99 | 22.27 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 50RB#0 | 21.22 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 50RB#25 | 21.21 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 50RB#50 | 21.27 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 100RB#0 | 21.32 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | 22.33 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#49 | 22.89 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#99 | 22.27 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 50RB#0 | 21.58 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 50RB#25 | 21.60 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 50RB#50 | 21.61 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | 21.63 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | 21.90 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#49 | 21.94 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#99 | 21.06 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 50RB#0 | 20.77 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 50RB#25 | 20.78 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 50RB#50 | 20.37 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 100RB#0 | 20.67 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | 21.63 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#49 | 22.09 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#99 | 21.66 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#0 | 20.34 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#25 | 20.45 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 50RB#50 | 20.33 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | 20.43 | PASS |

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|--------|-------|-------|-------|---------|-------|------|
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | 21.12 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#49 | 21.73 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#99 | 21.12 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 50RB#0 | 20.55 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 50RB#25 | 20.64 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 50RB#50 | 20.56 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 100RB#0 | 20.47 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | 21.08 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#49 | 21.24 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#99 | 20.30 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#0 | 20.76 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#25 | 20.79 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 50RB#50 | 20.40 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | 20.58 | PASS |

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Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | 3.51 | 13 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 25RB#0 | 8.38 | 13 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | 6.99 | 13 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | 8.43 | 13 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | 6.96 | 13 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 25RB#0 | 8.46 | 13 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | 8.17 | 13 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 25RB#0 | 9.19 | 13 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | 7.83 | 13 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 25RB#0 | 9.19 | 13 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | 7.86 | 13 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 25RB#0 | 9.30 | 13 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | 3.19 | 13 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 50RB#0 | 8.38 | 13 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | 9.19 | 13 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | 8.35 | 13 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | 6.99 | 13 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 50RB#0 | 8.52 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | 8.20 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0 | 9.19 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | 7.97 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 50RB#0 | 9.25 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | 8.06 | 13 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | 9.33 | 13 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | 3.88 | 13 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 75RB#0 | 8.41 | 13 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | 9.51 | 13 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | 8.41 | 13 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | 6.93 | 13 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 75RB#0 | 8.52 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | 7.88 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0 | 9.51 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | 7.80 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 75RB#0 | 9.28 | 13 | PASS |

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|--------|-------|-------|-------|---------|------|----|------|
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | 8.06 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0 | 9.33 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | 8.46 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 100RB#0 | 8.23 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | 9.13 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | 8.26 | 13 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | 9.16 | 13 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 100RB#0 | 8.32 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | 7.71 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | 9.13 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | 7.88 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 100RB#0 | 9.16 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | 8.06 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | 9.19 | 13 | PASS |

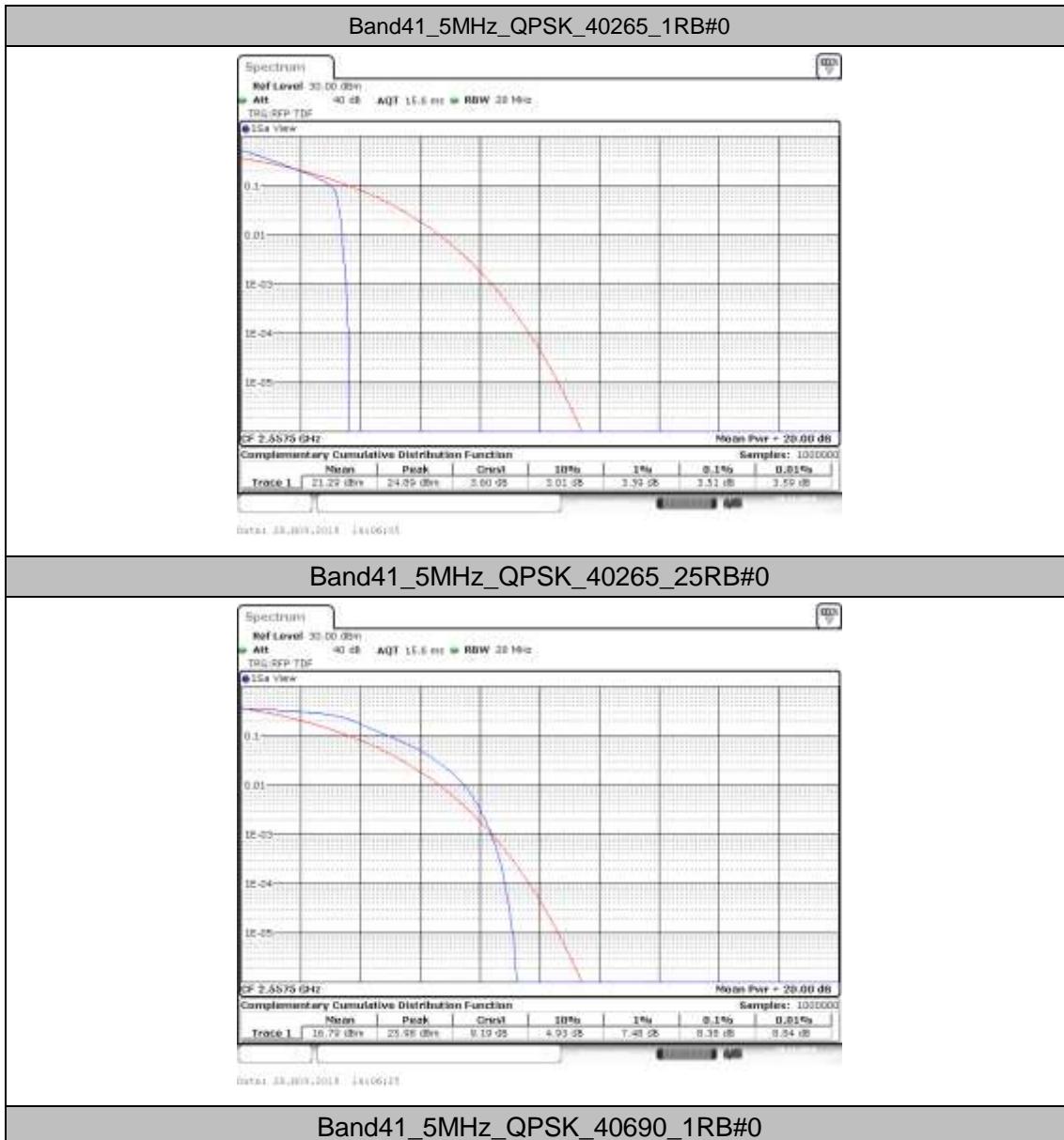
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Test Graphs



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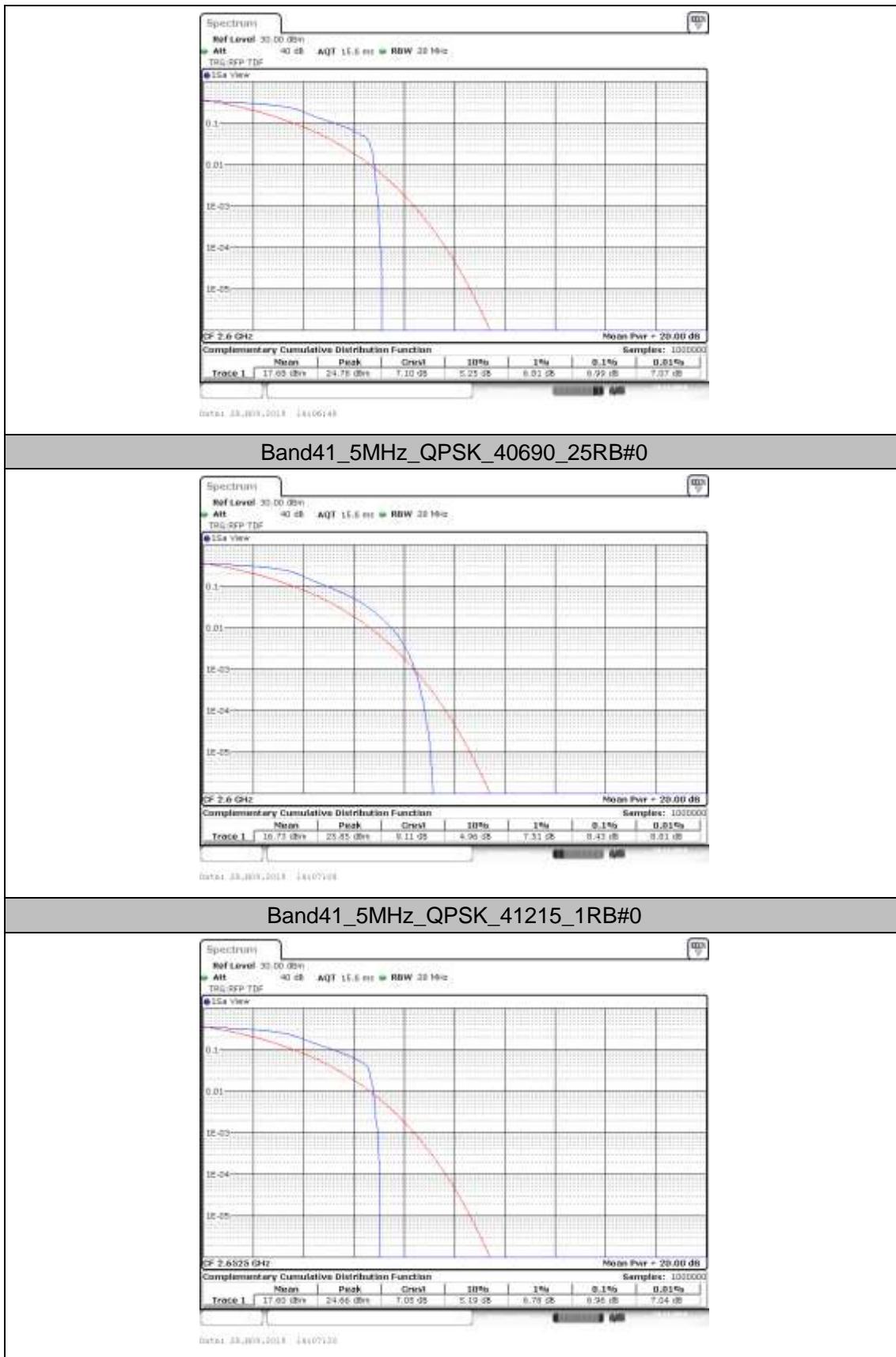
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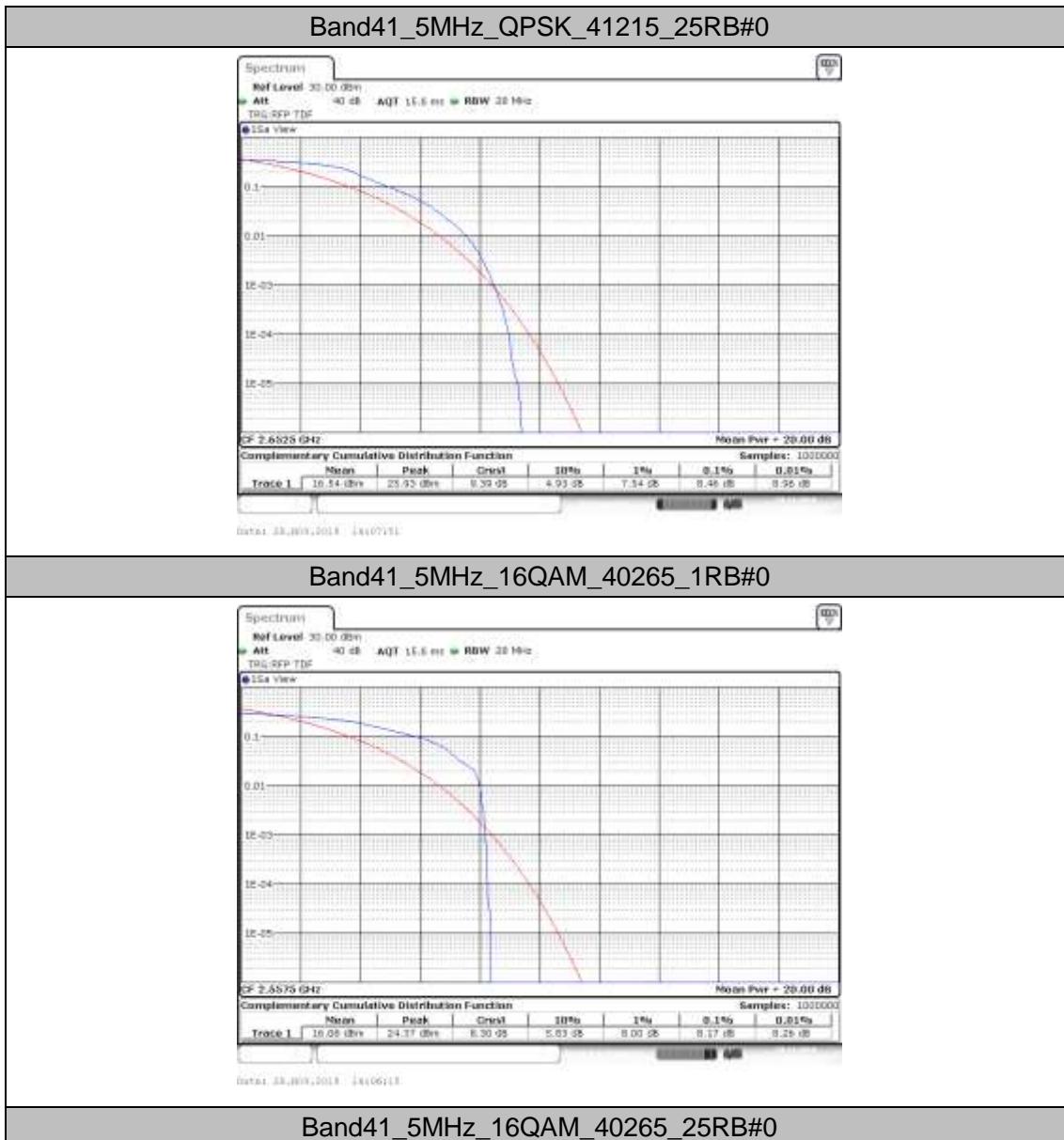
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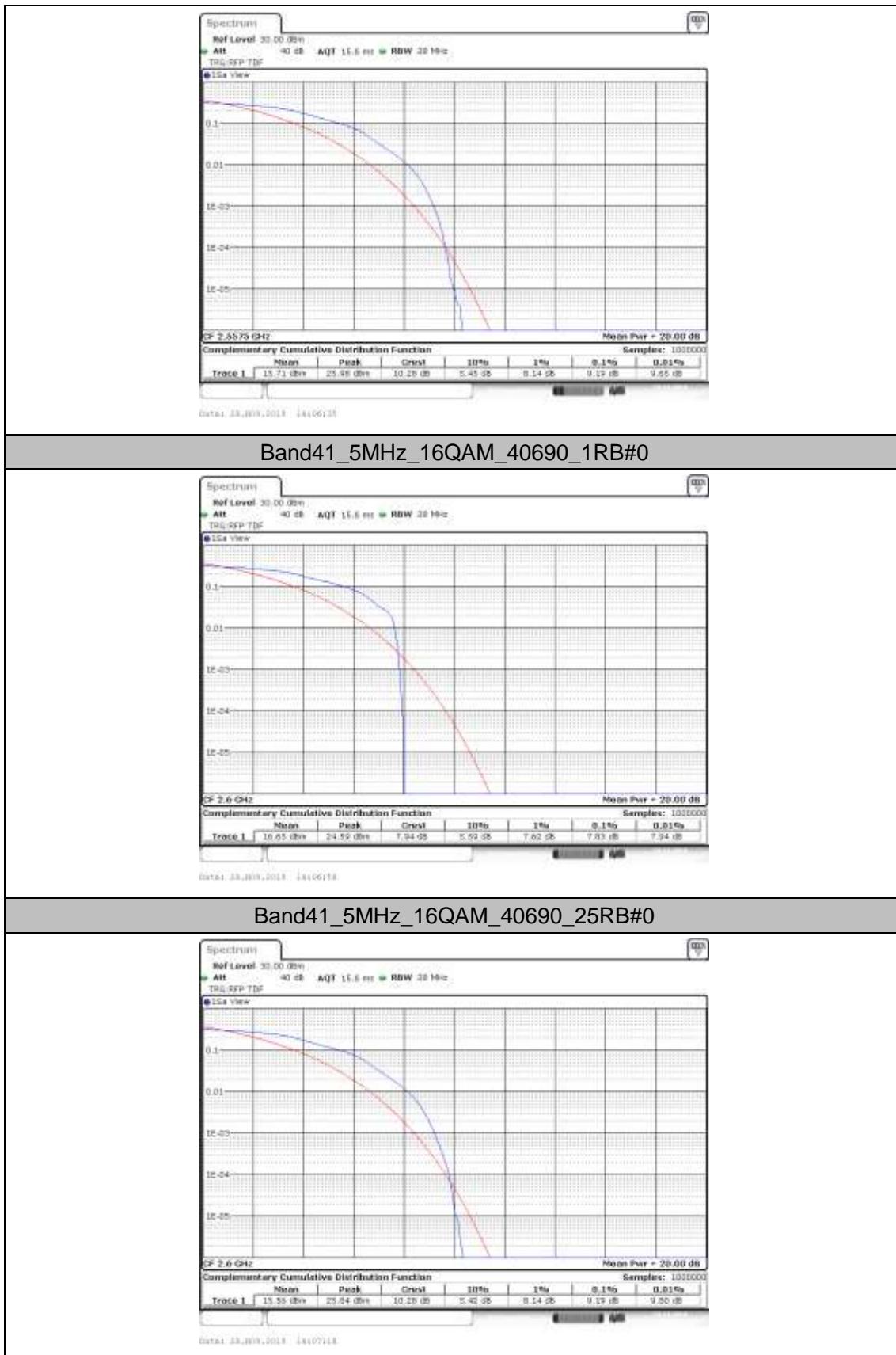
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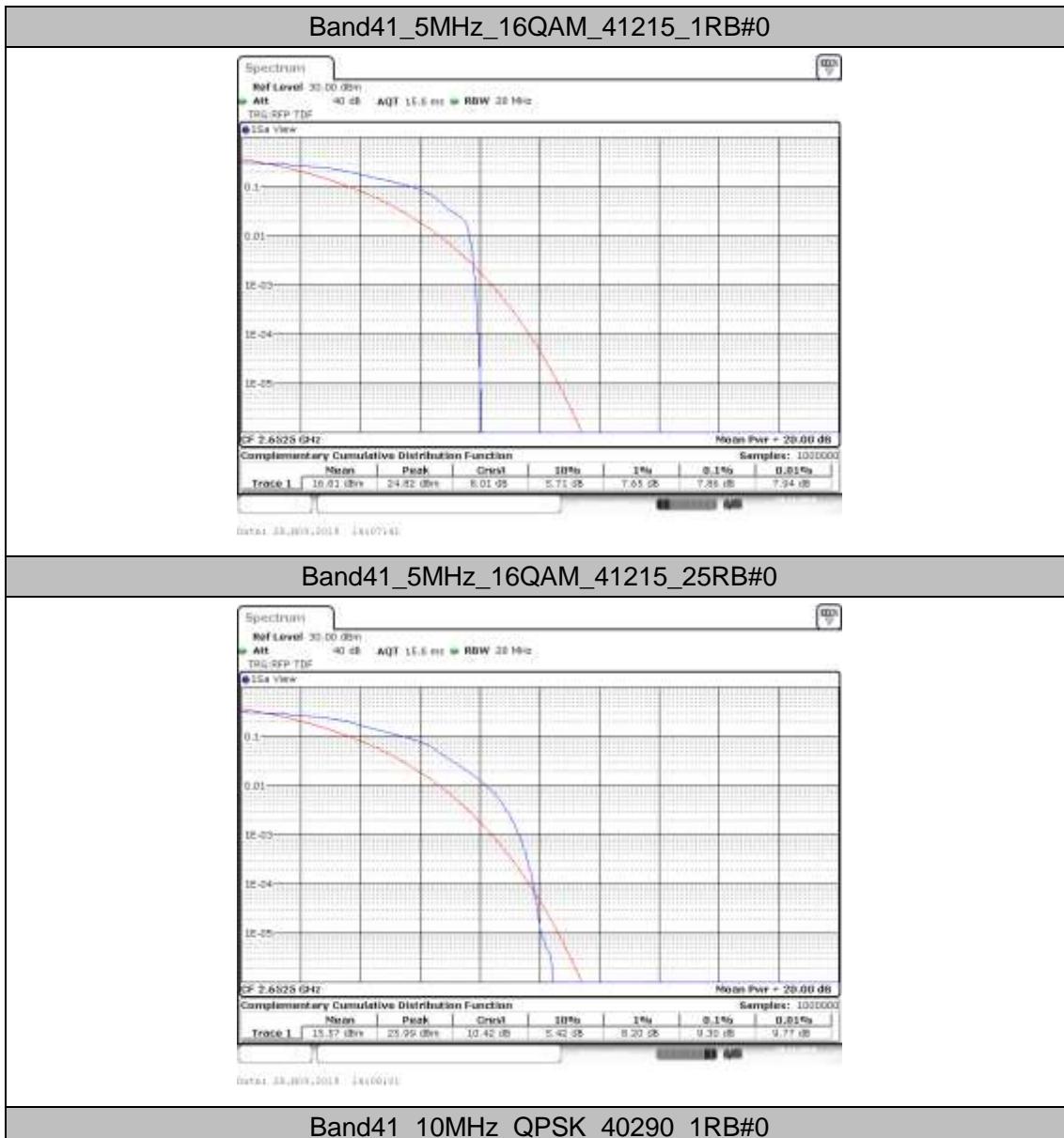
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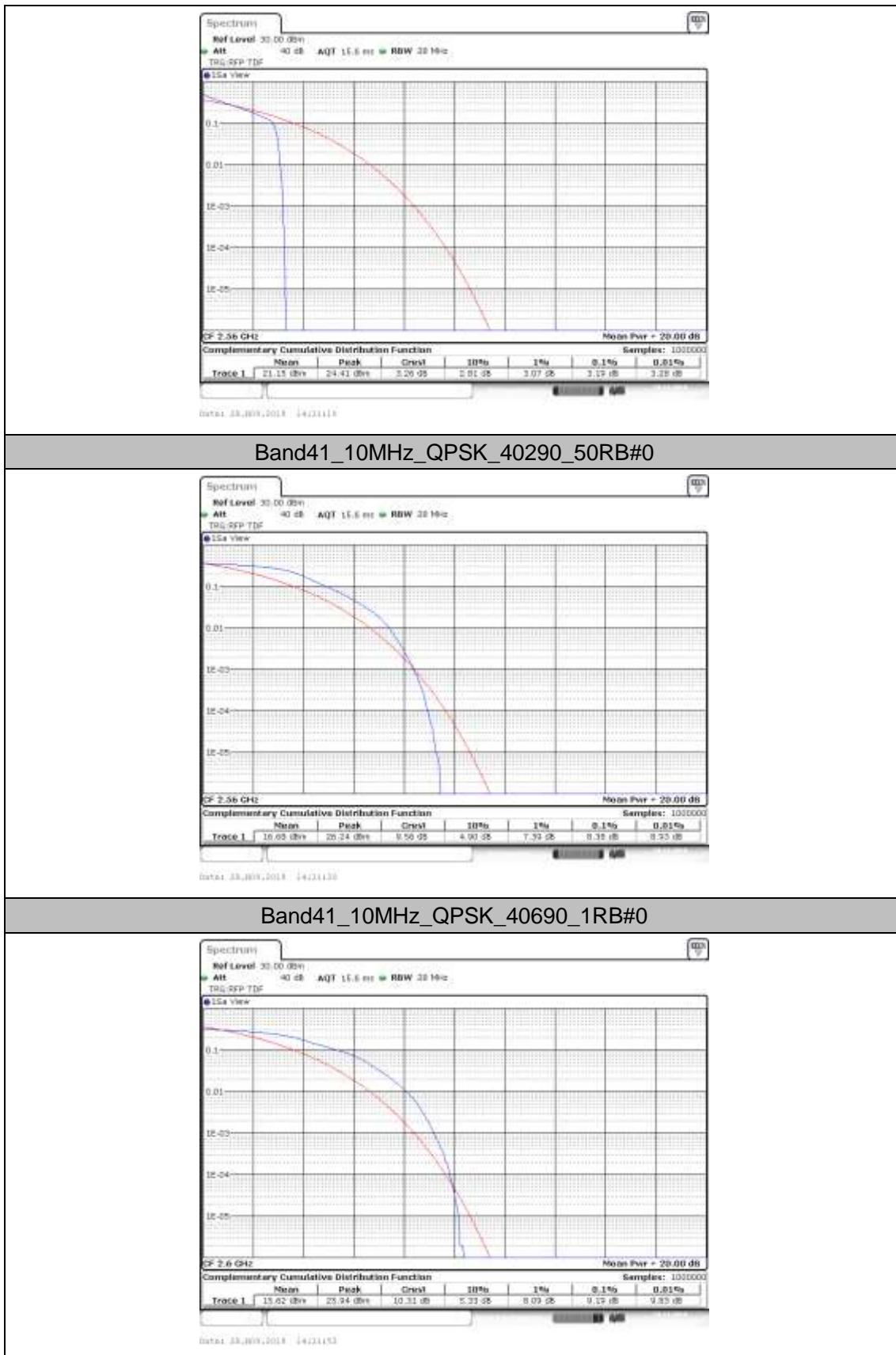
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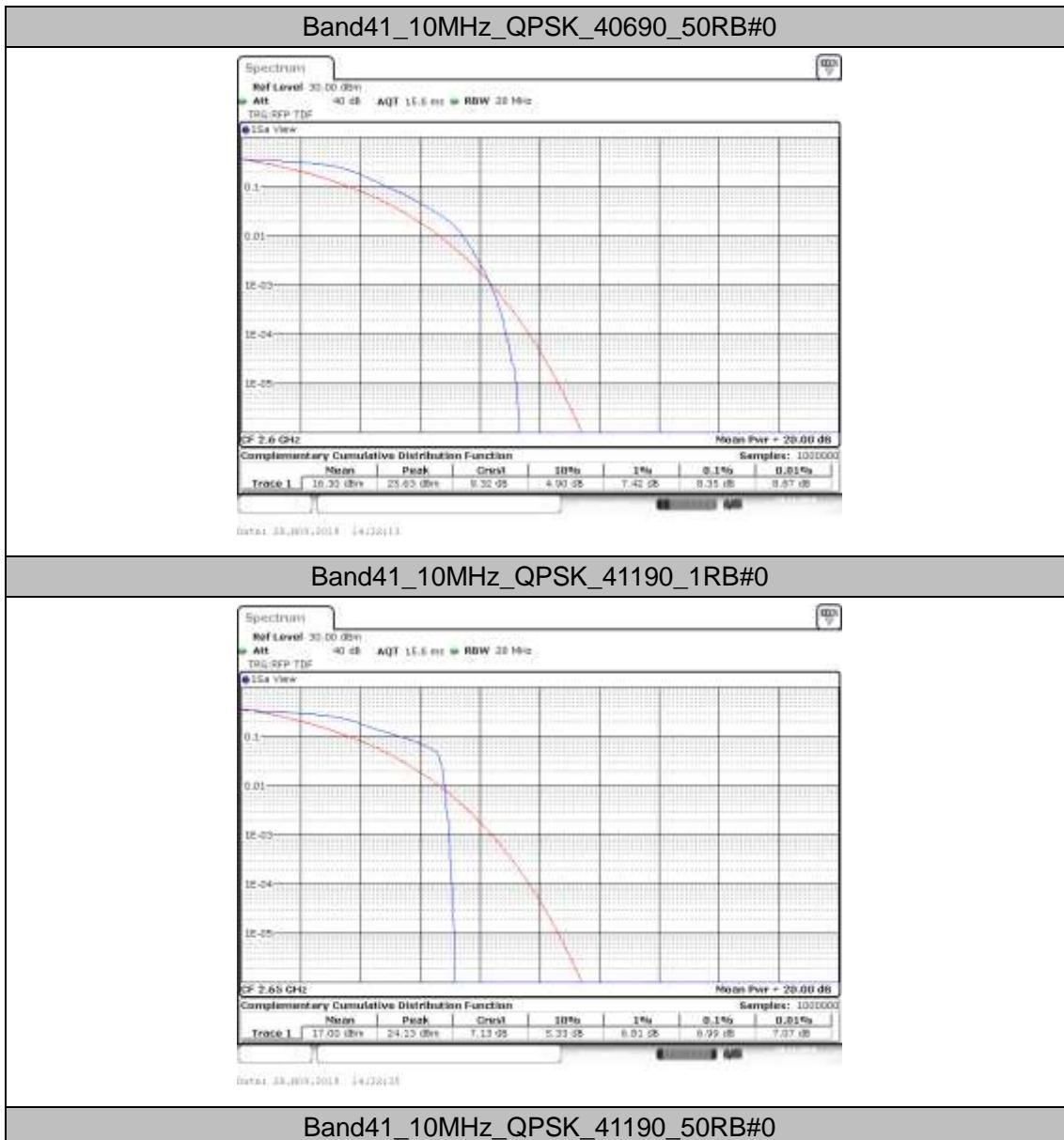
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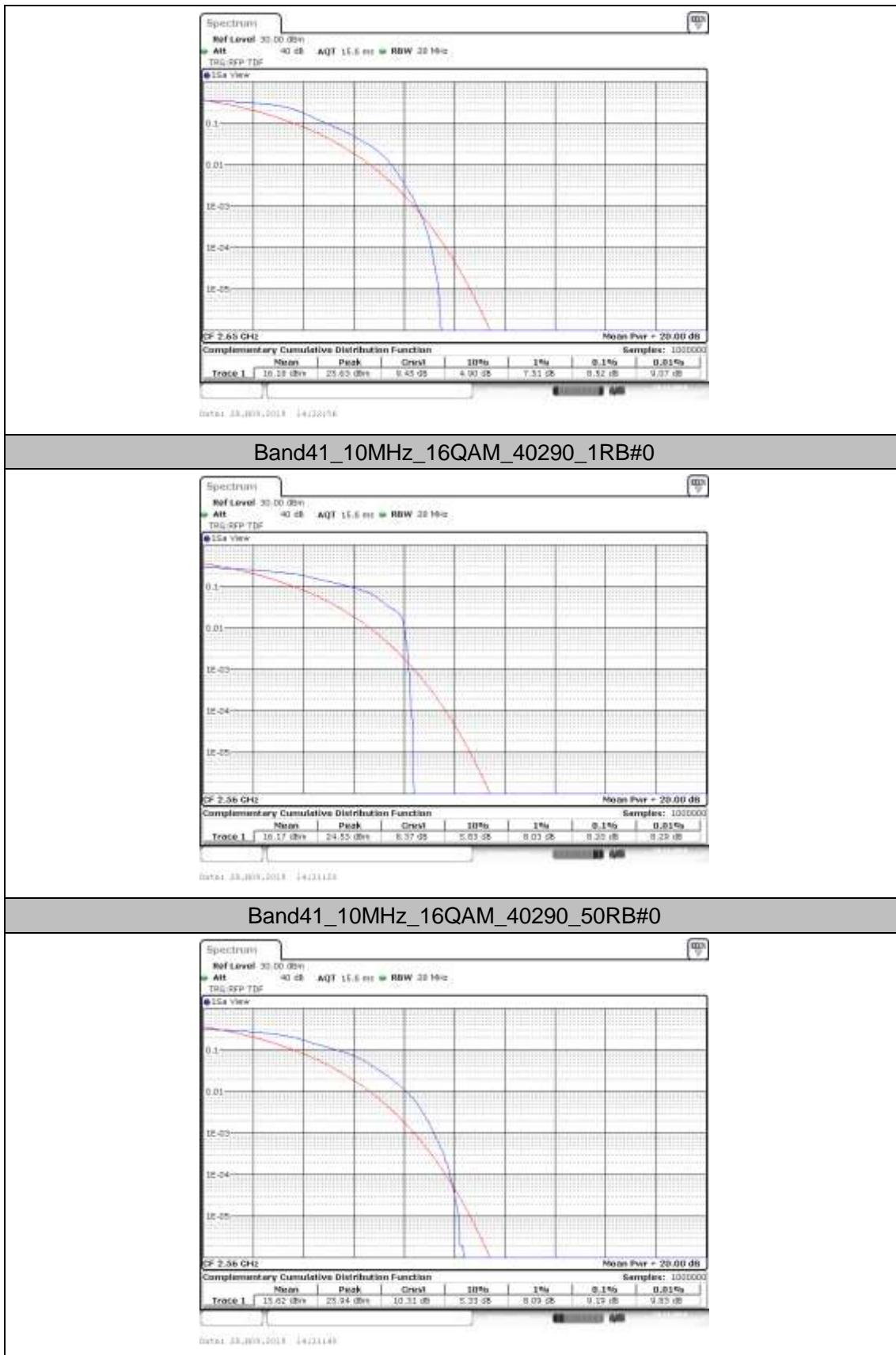
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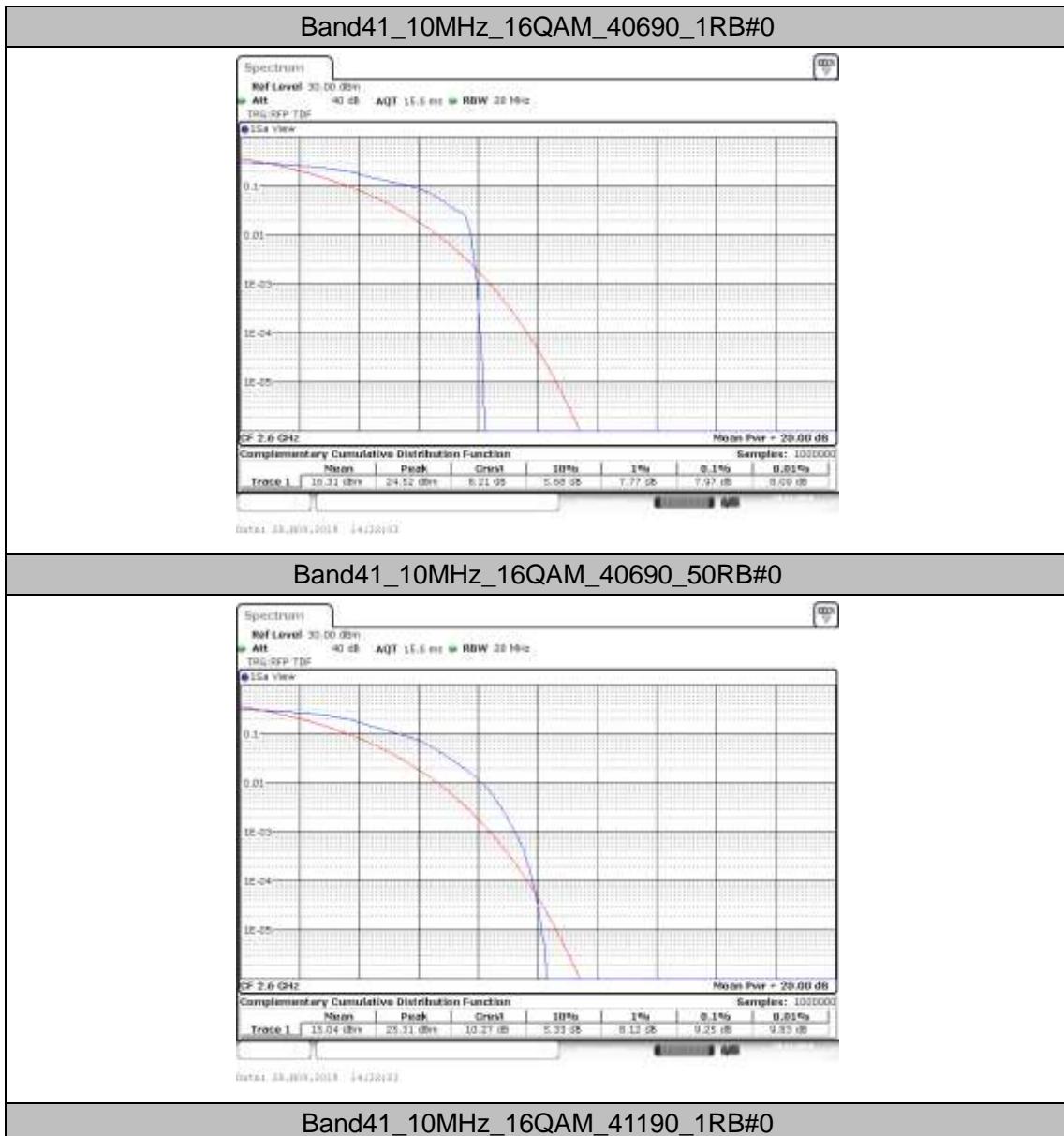
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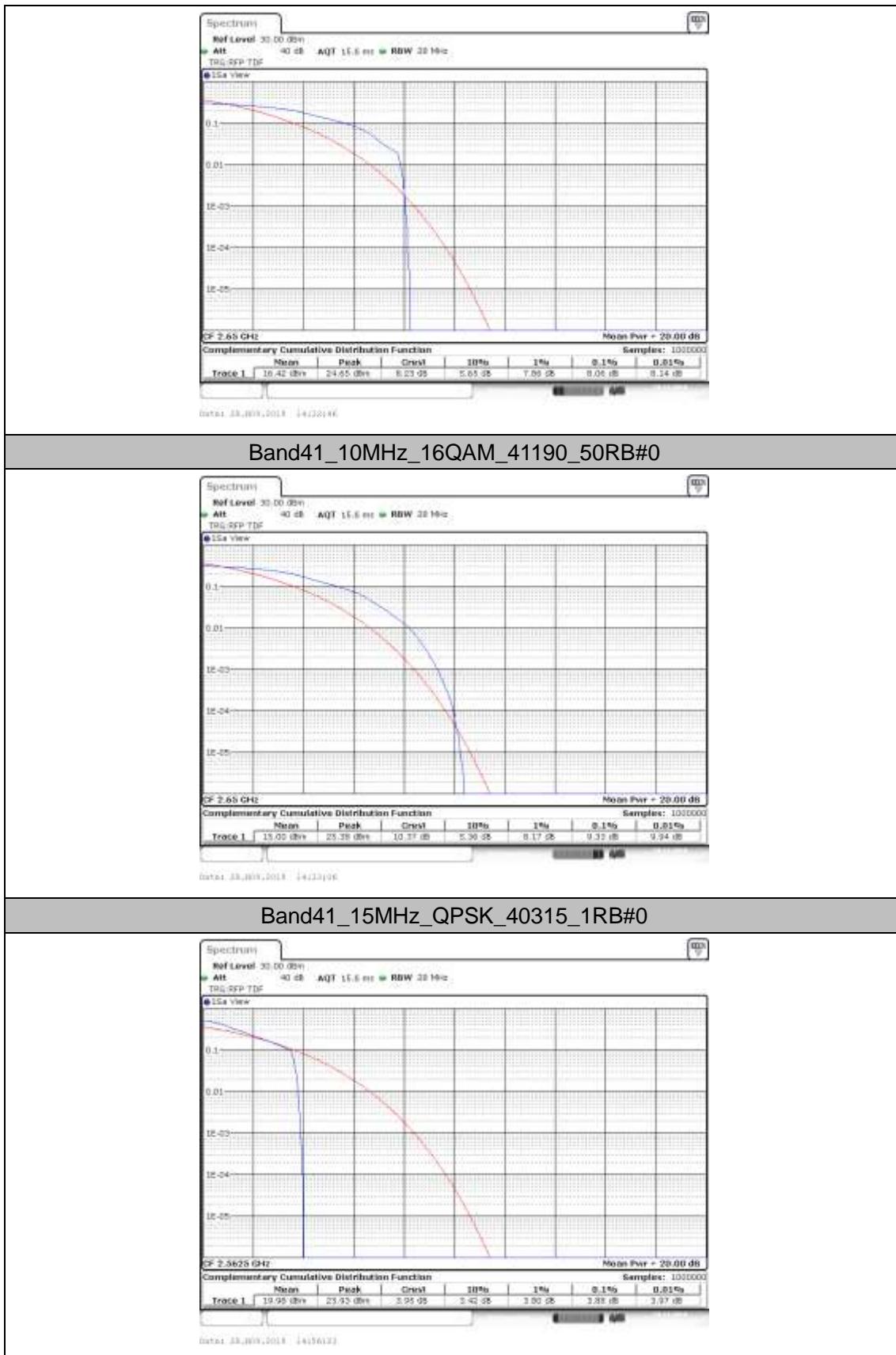
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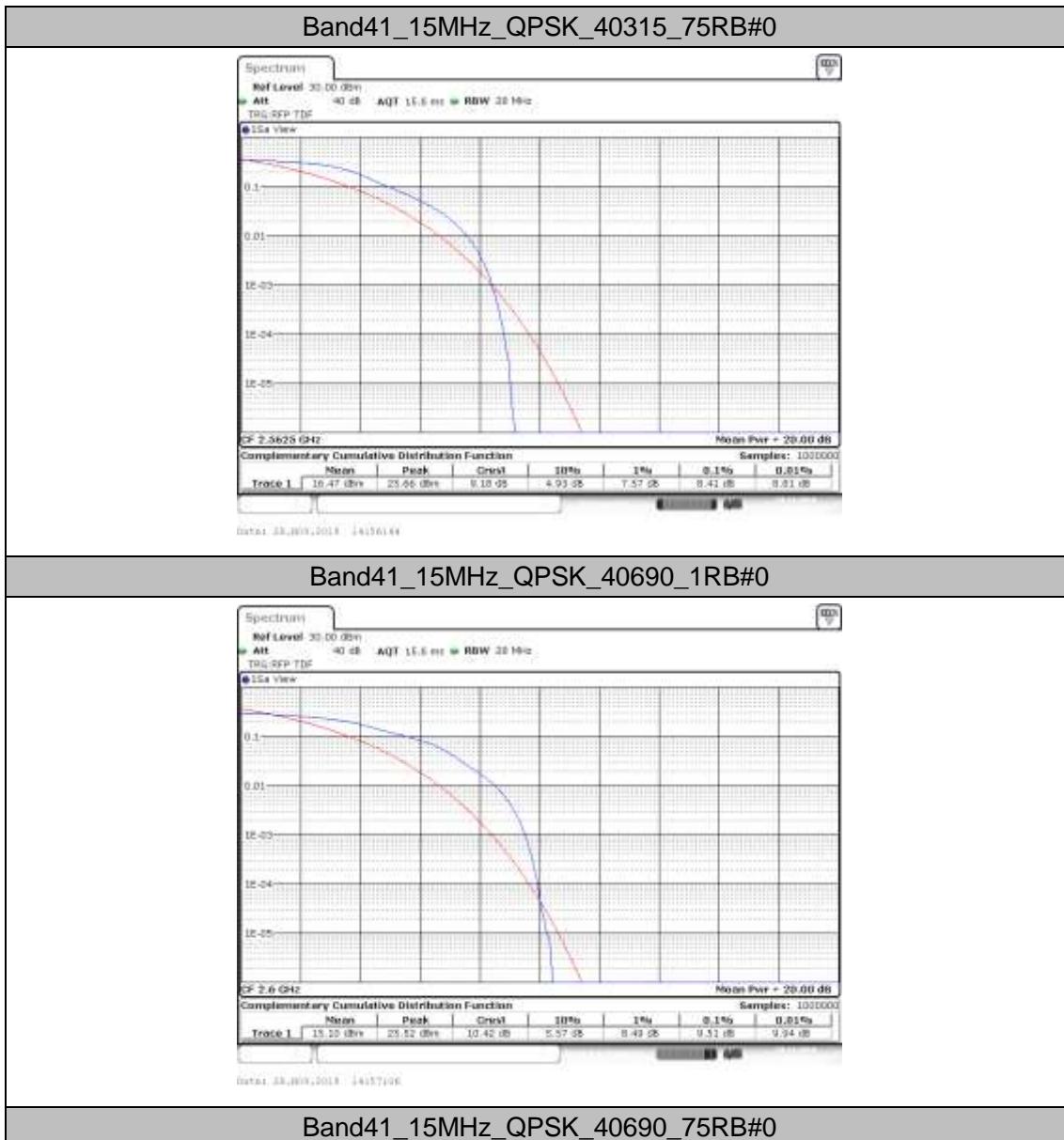
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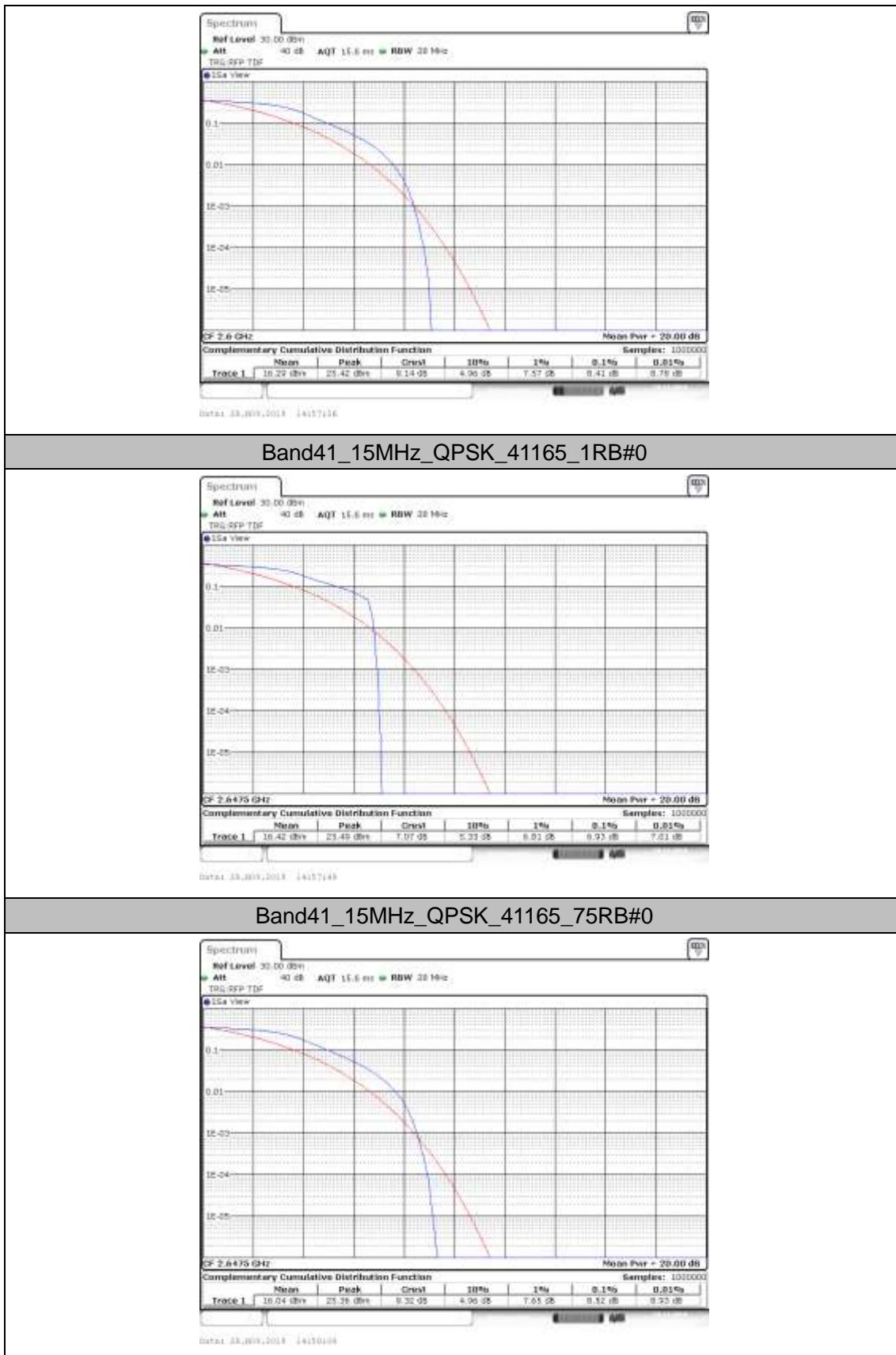
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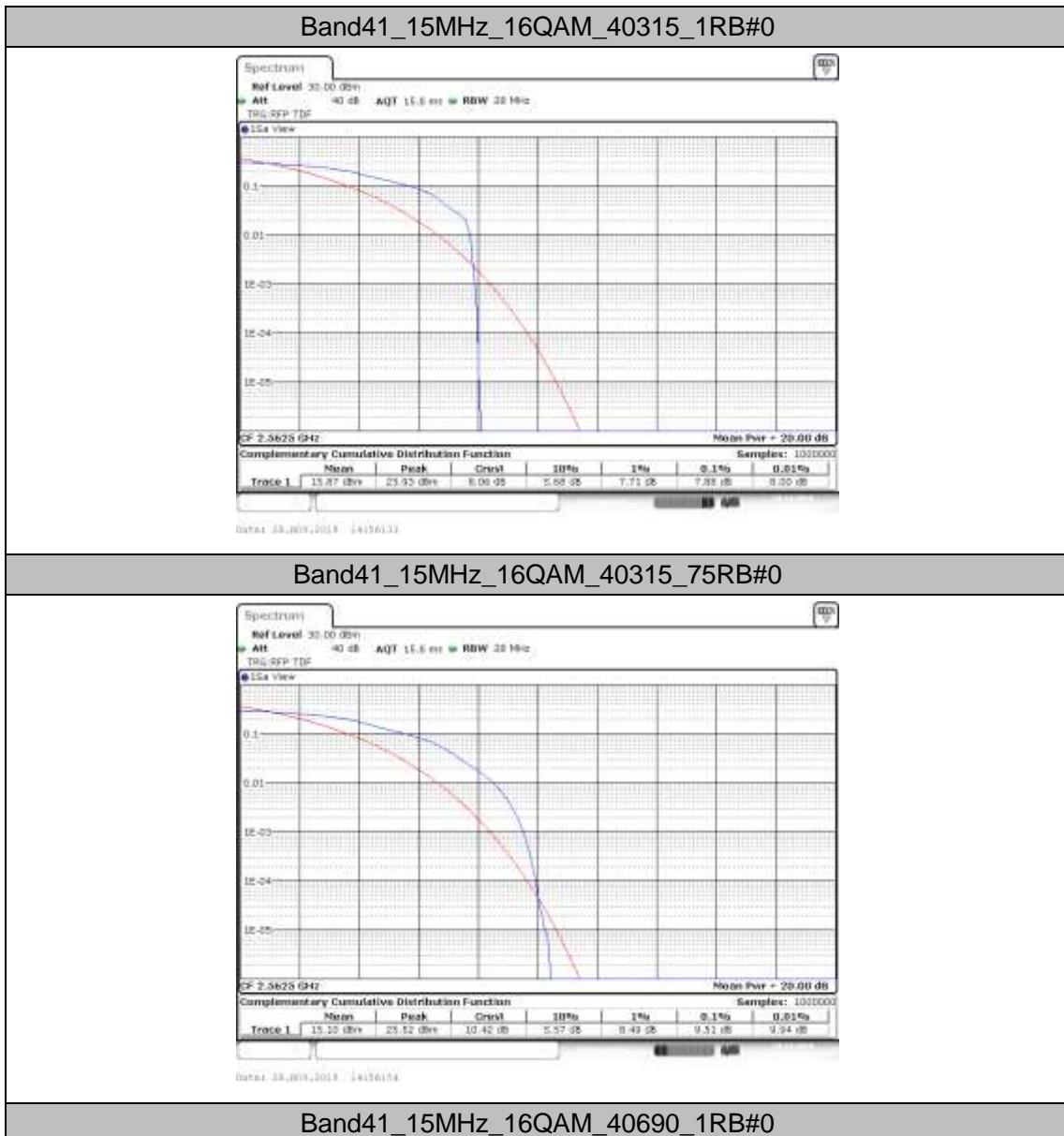
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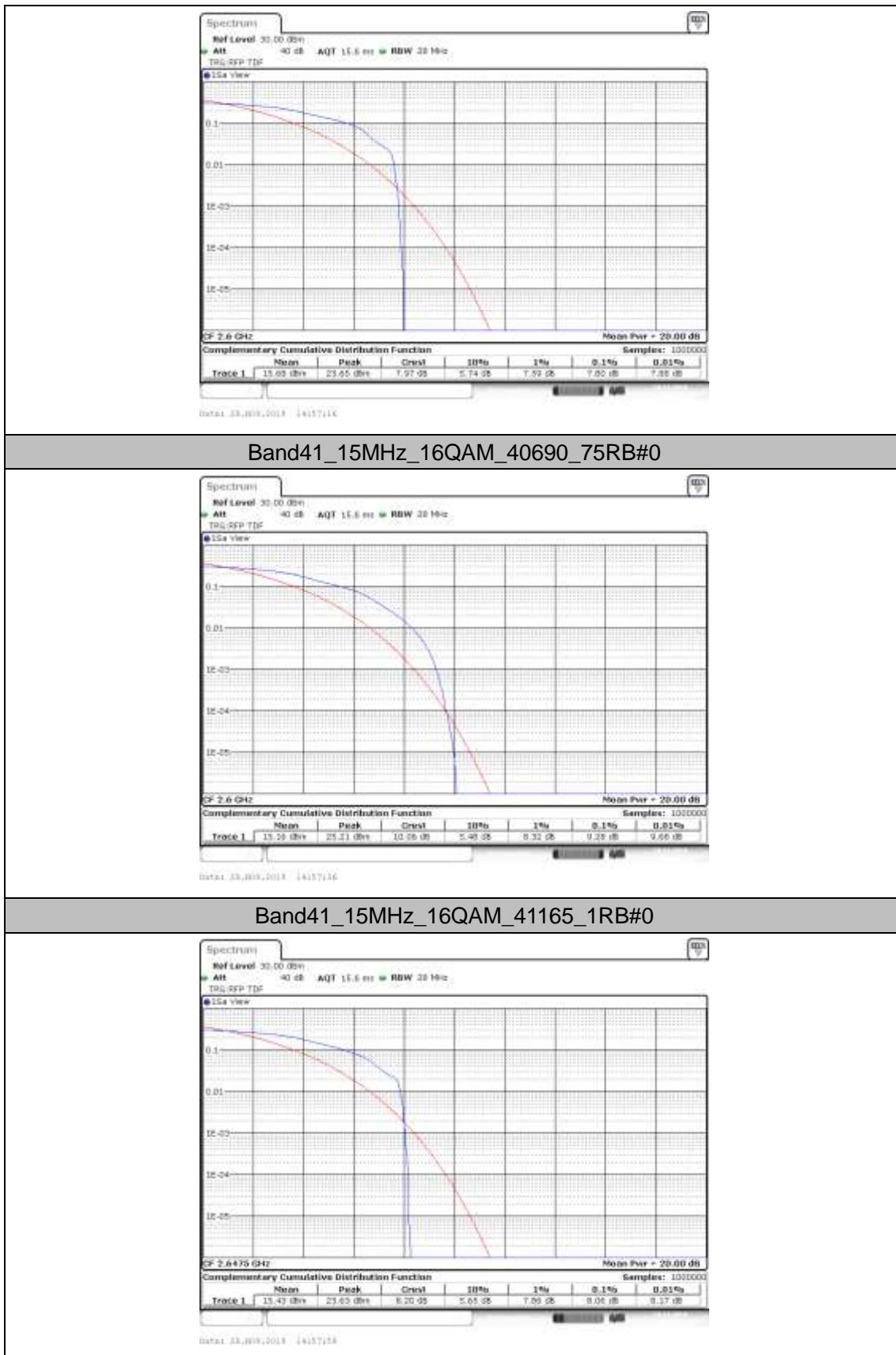
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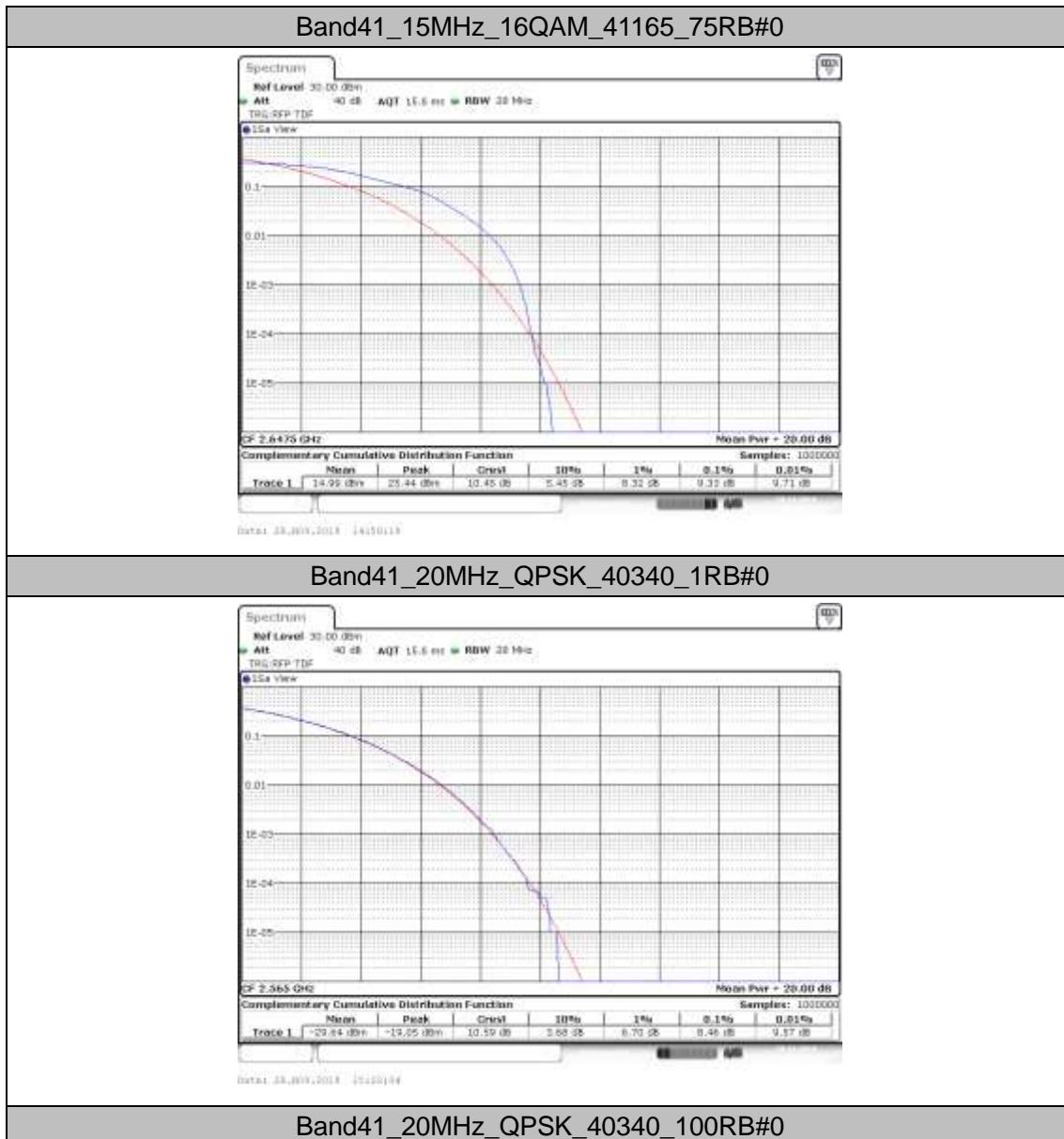
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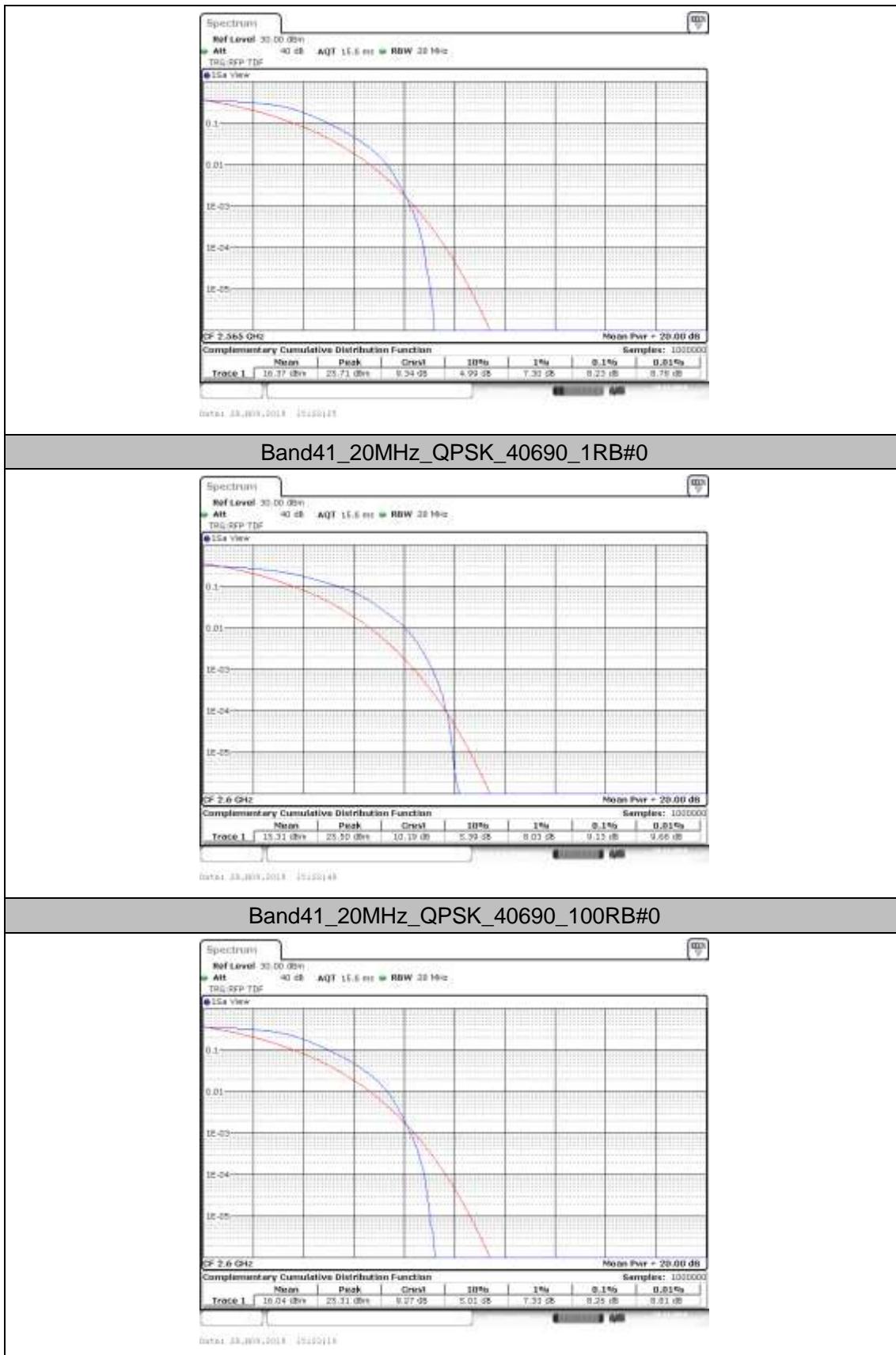
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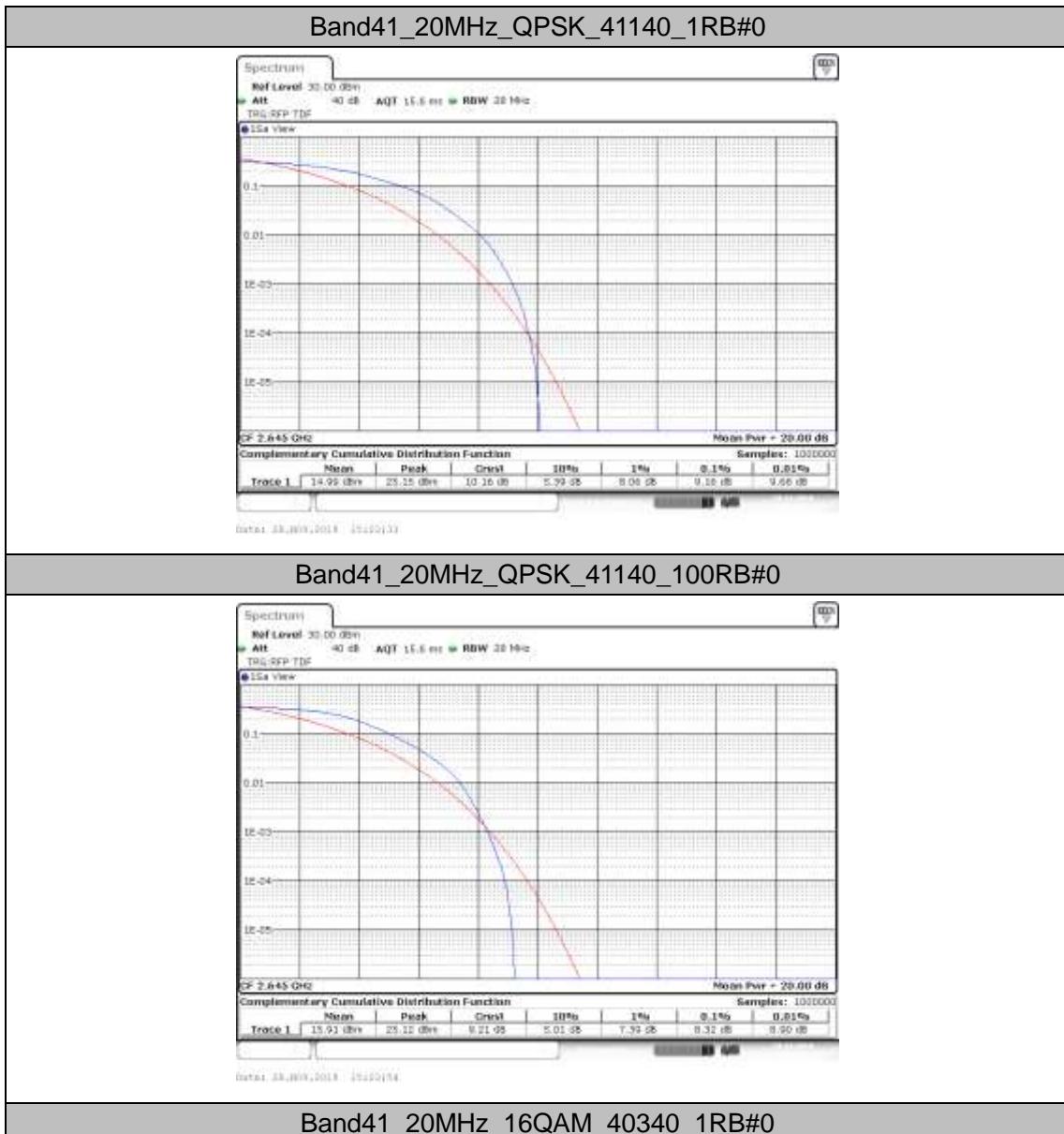
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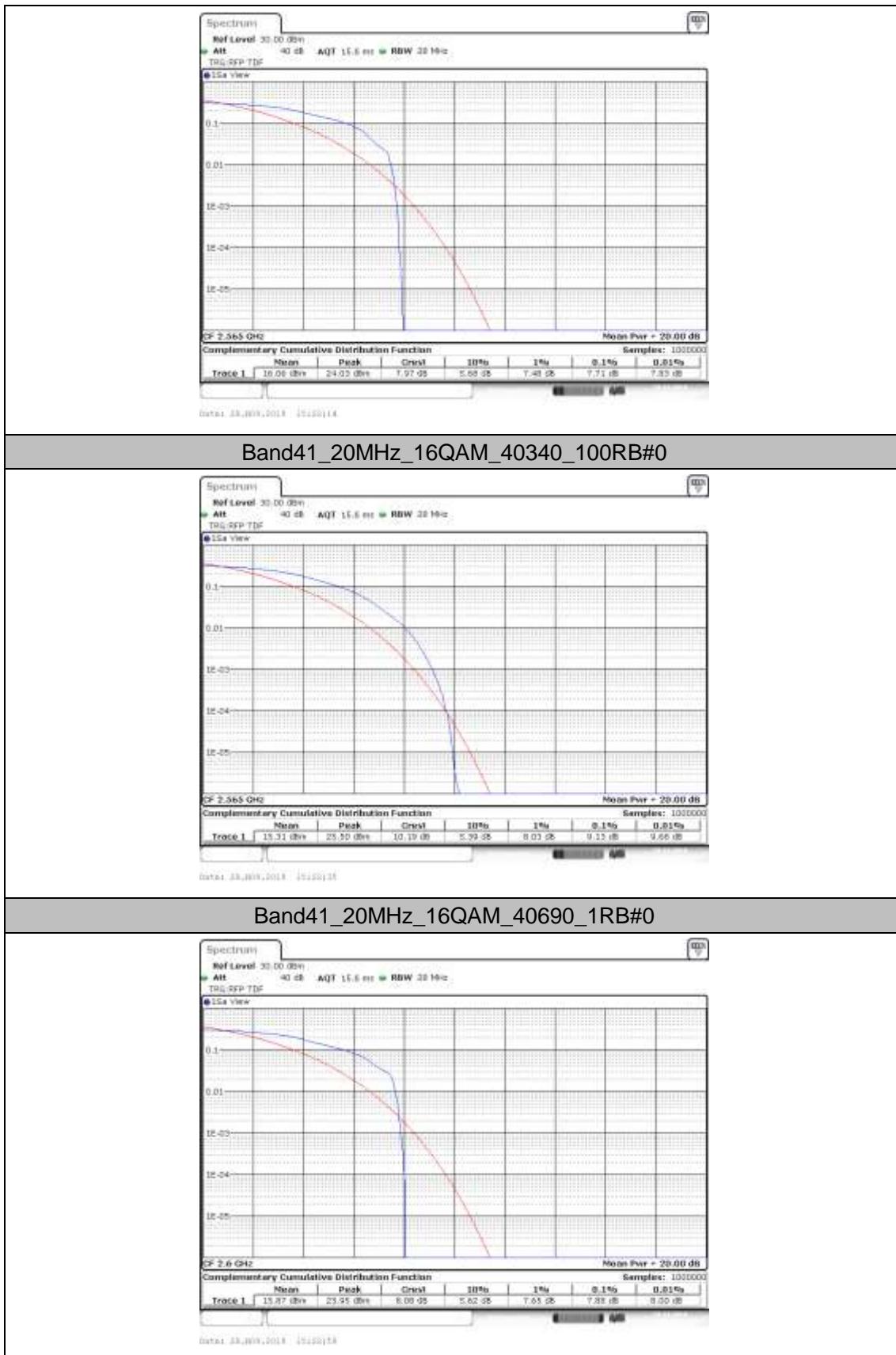
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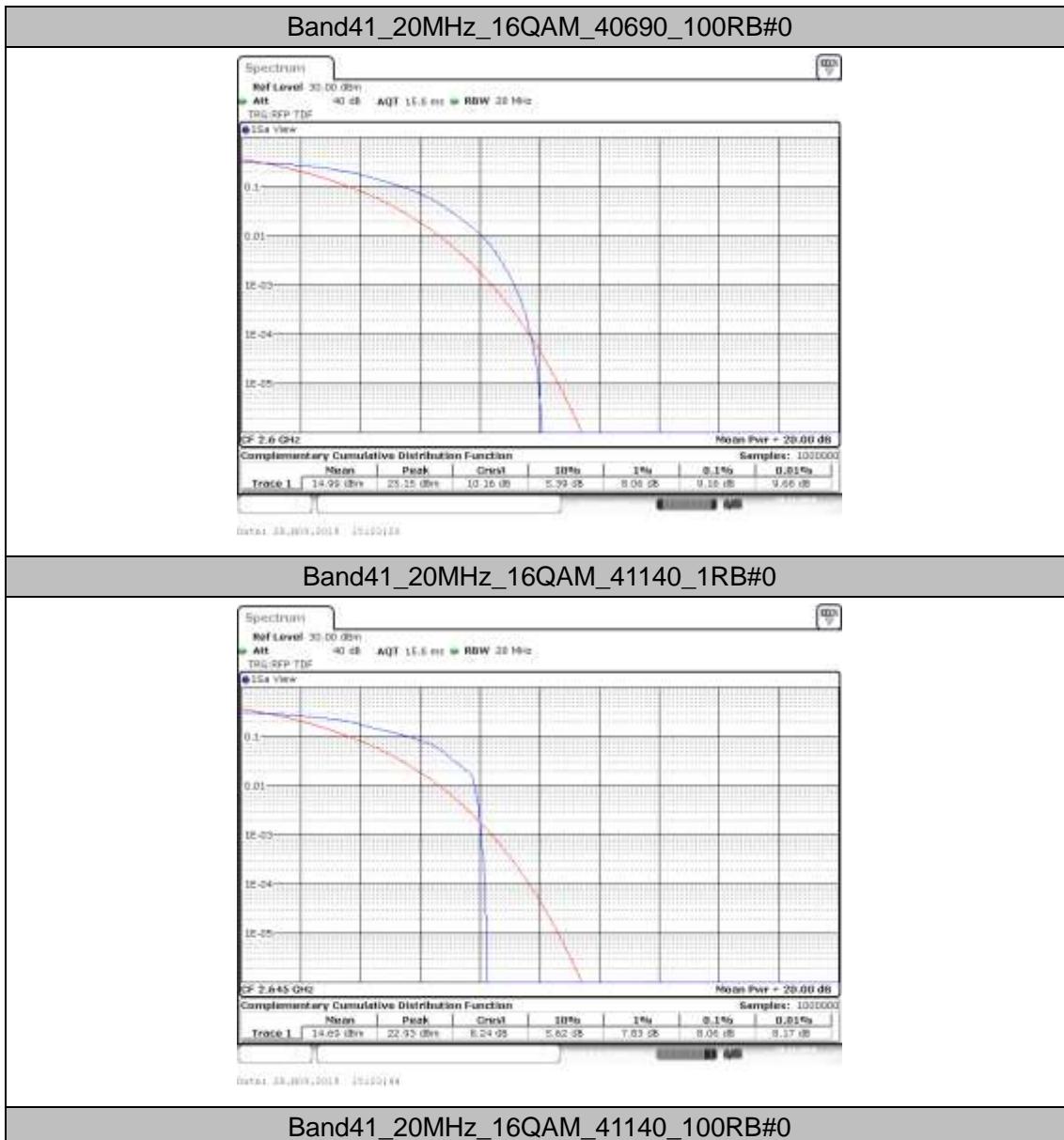
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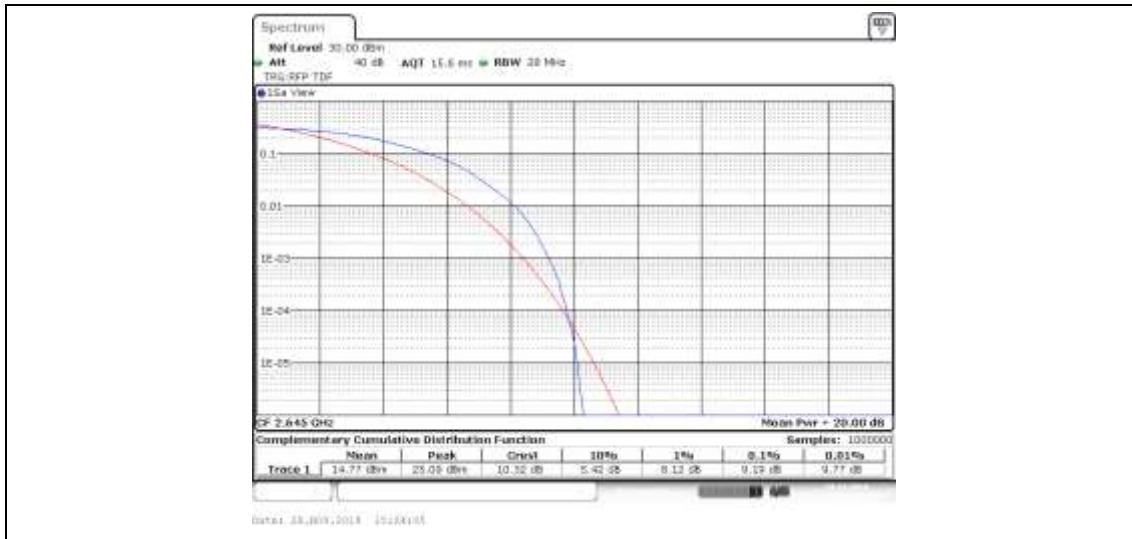
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Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz | QPSK | 40265 | 25RB#0 | 4.505 | 4.770 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | 4.496 | 4.780 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 25RB#0 | 4.496 | 4.800 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 25RB#0 | 4.505 | 4.780 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 25RB#0 | 4.496 | 4.780 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 25RB#0 | 4.486 | 4.770 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 75RB#0 | 13.478 | 14.300 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | 13.478 | 14.300 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 75RB#0 | 13.428 | 14.300 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0 | 13.428 | 14.300 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 75RB#0 | 13.478 | 14.300 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0 | 13.428 | 14.300 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 100RB#0 | 17.97 | 19.333 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | 17.97 | 19.333 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 100RB#0 | 17.97 | 19.333 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | 17.97 | 19.333 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 100RB#0 | 17.97 | 19.333 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | 17.97 | 19.333 | PASS |

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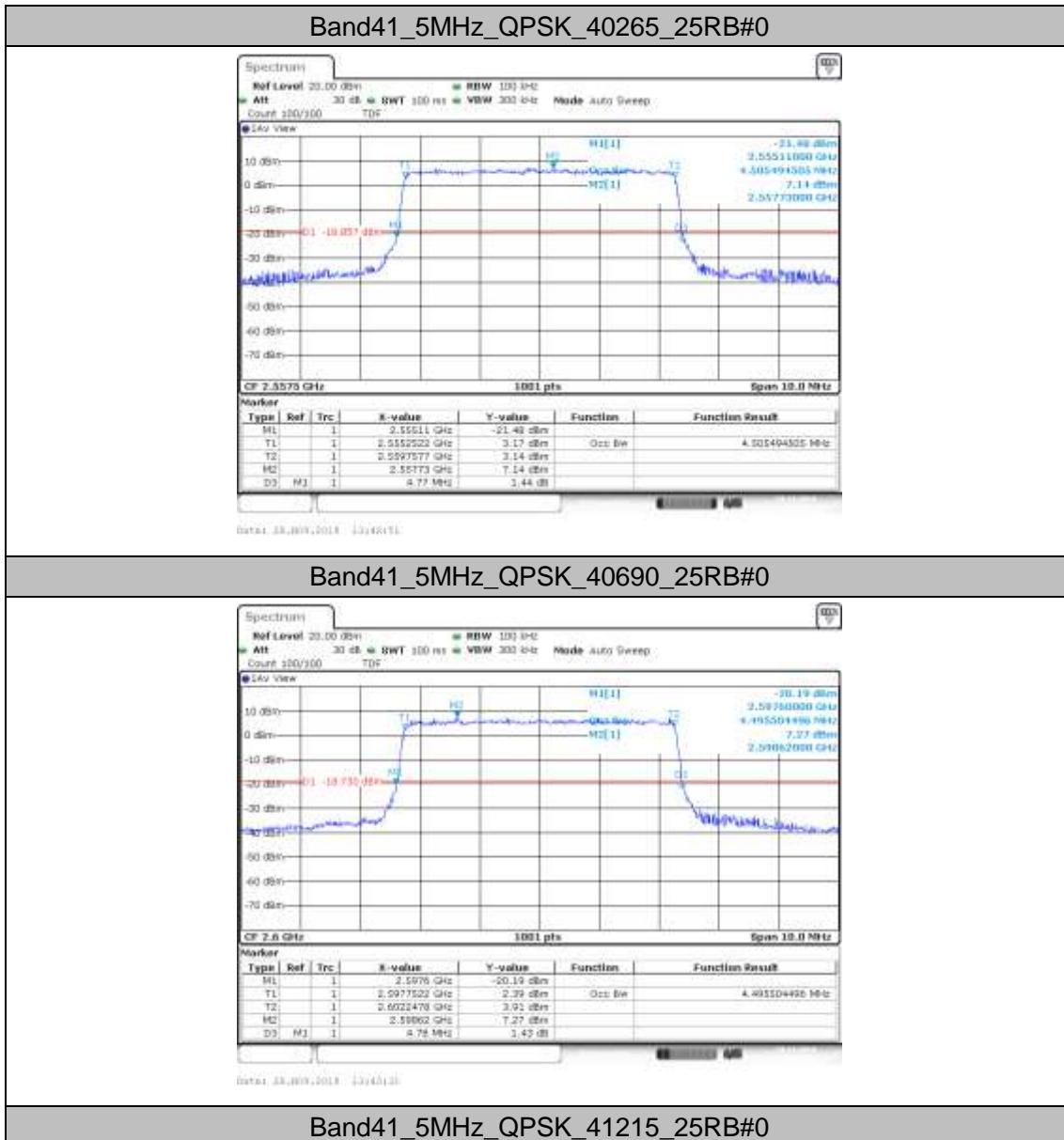
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Test Graphs



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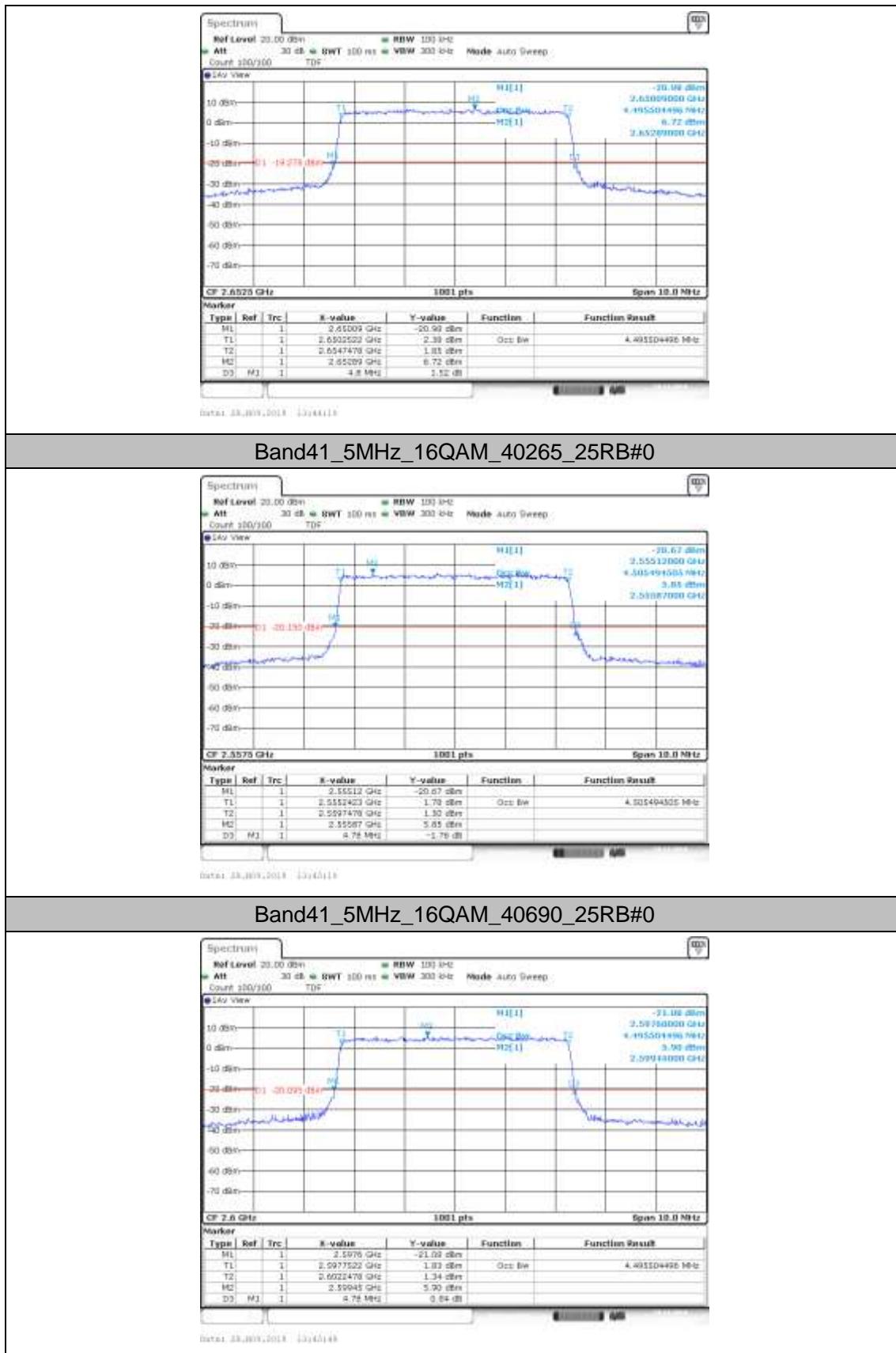
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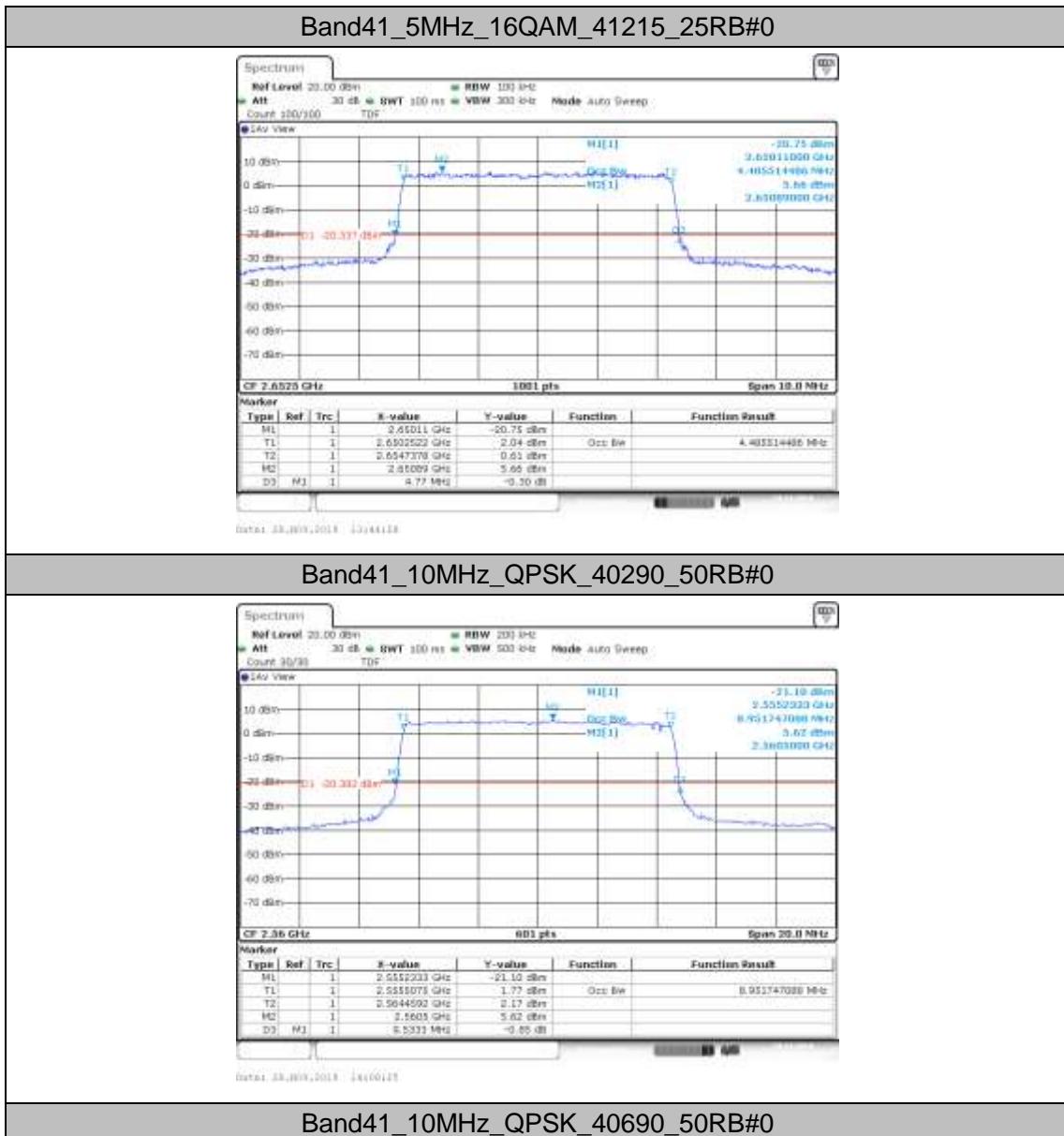
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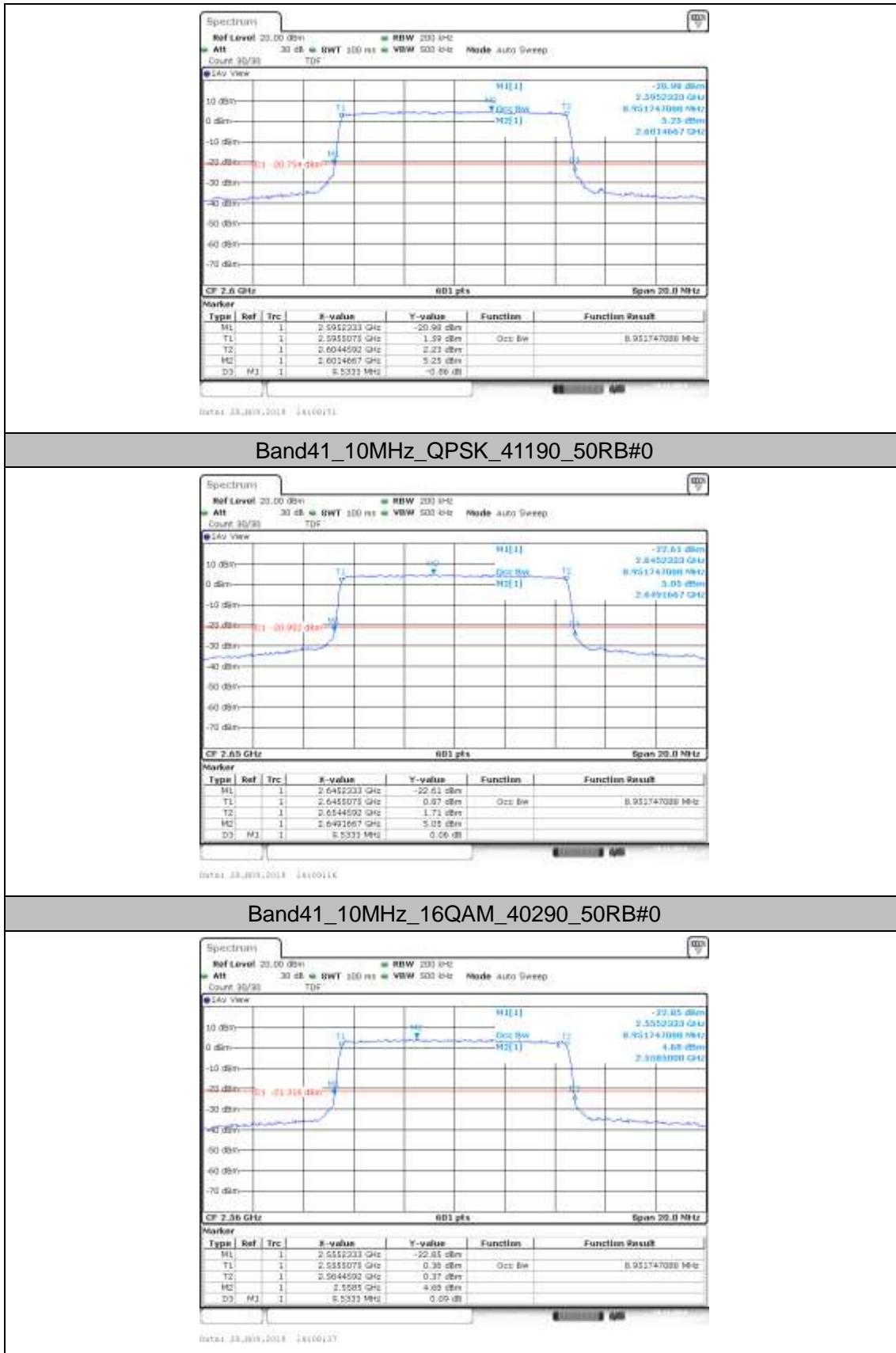
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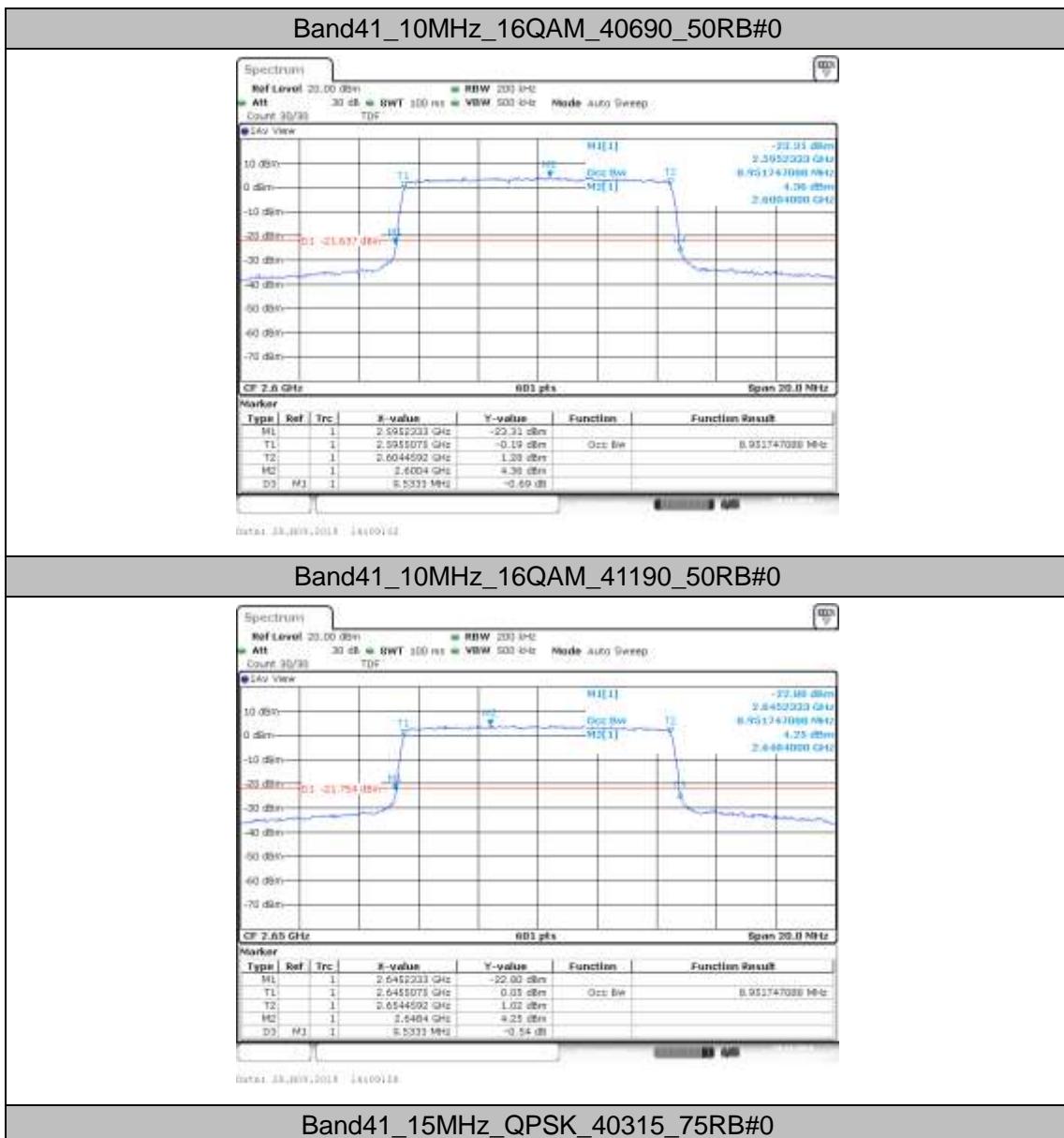
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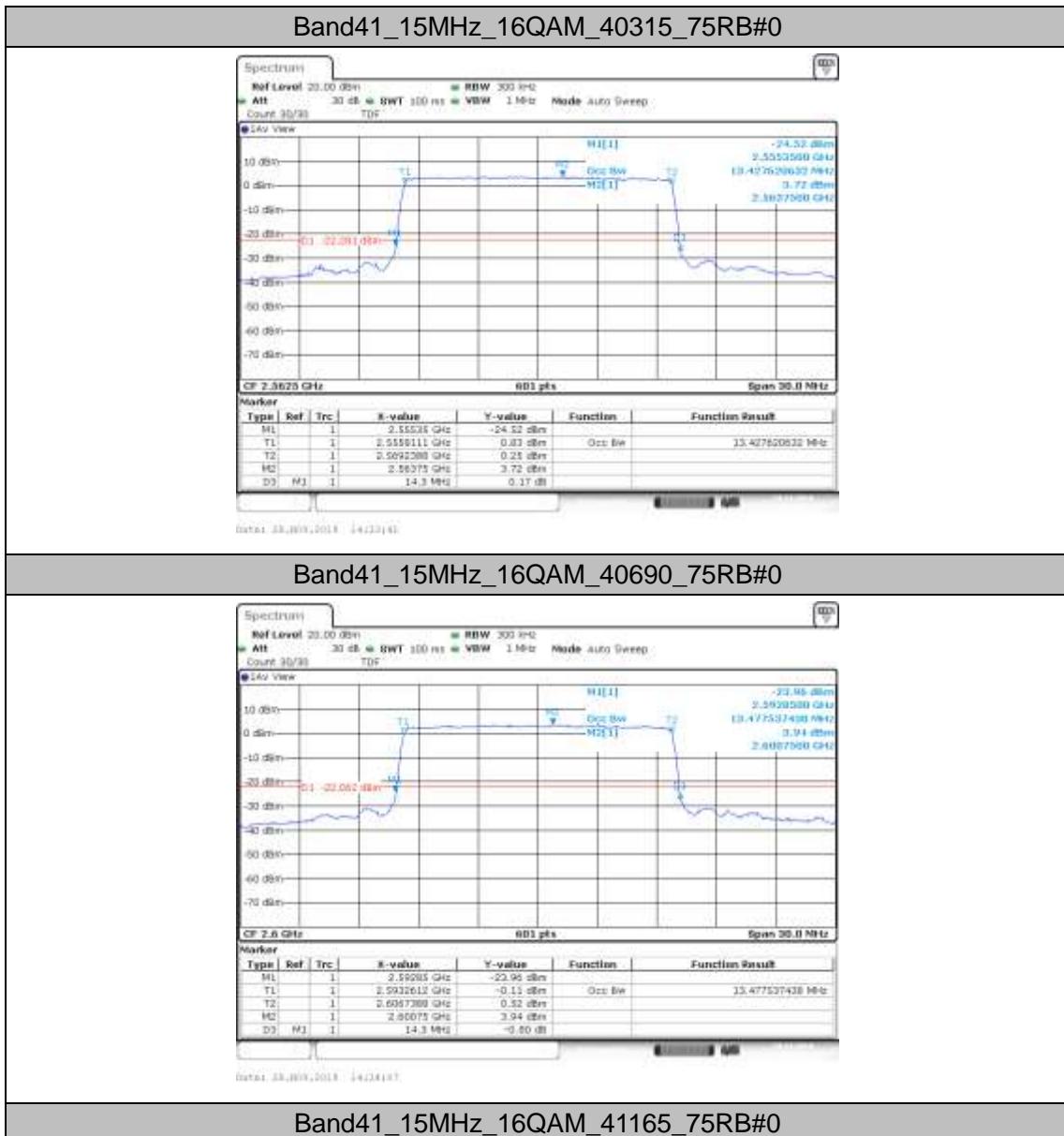
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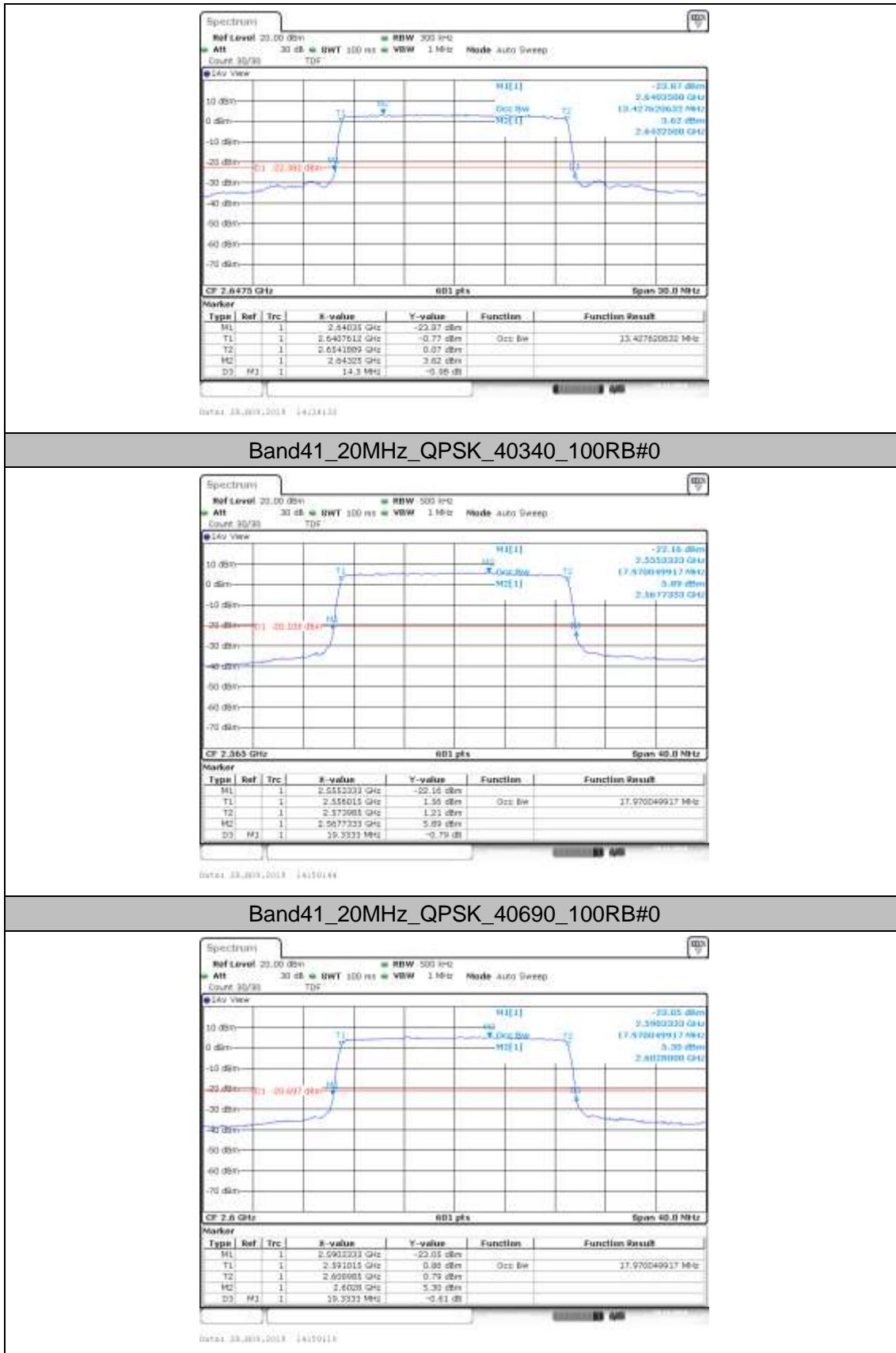
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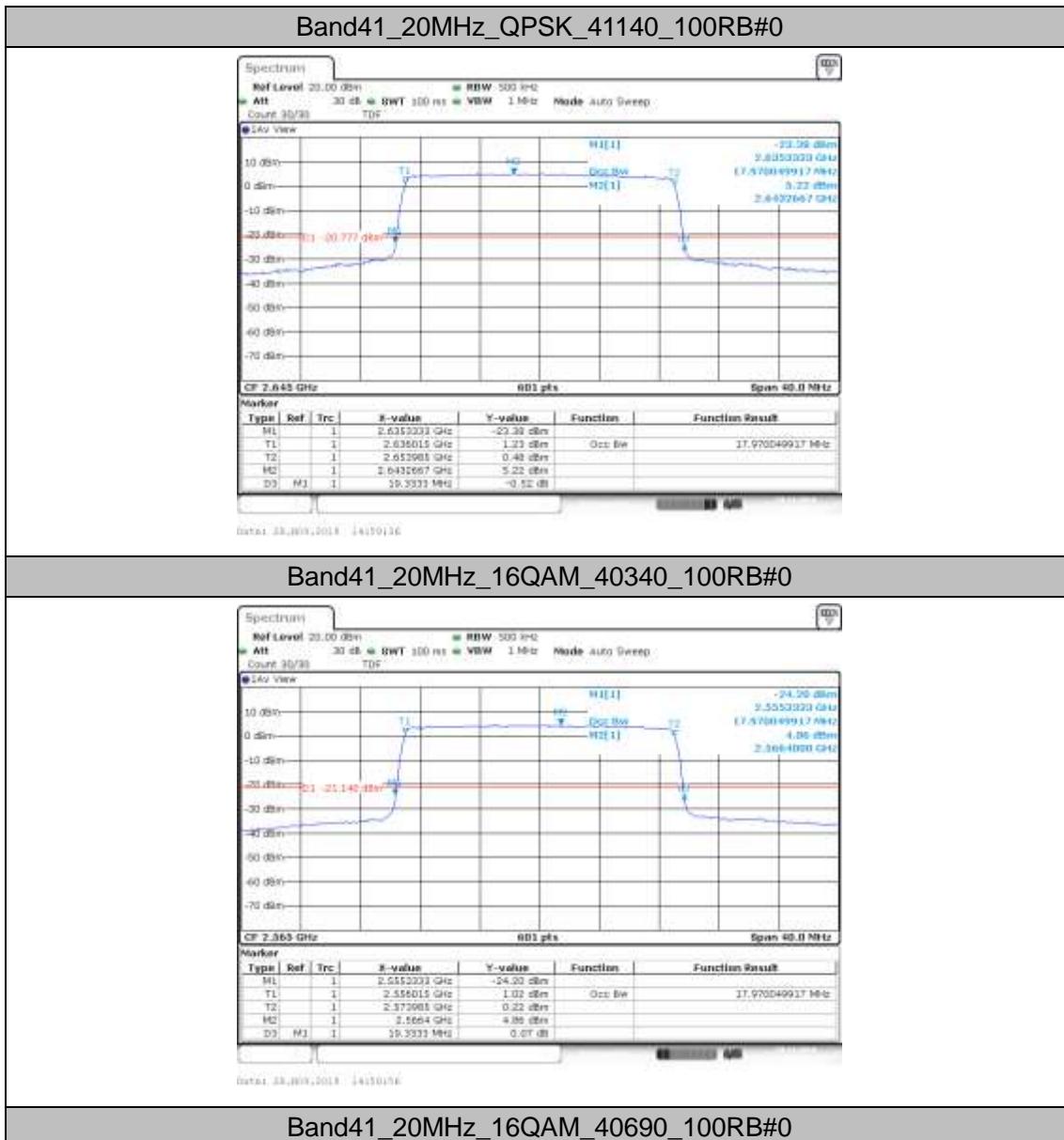
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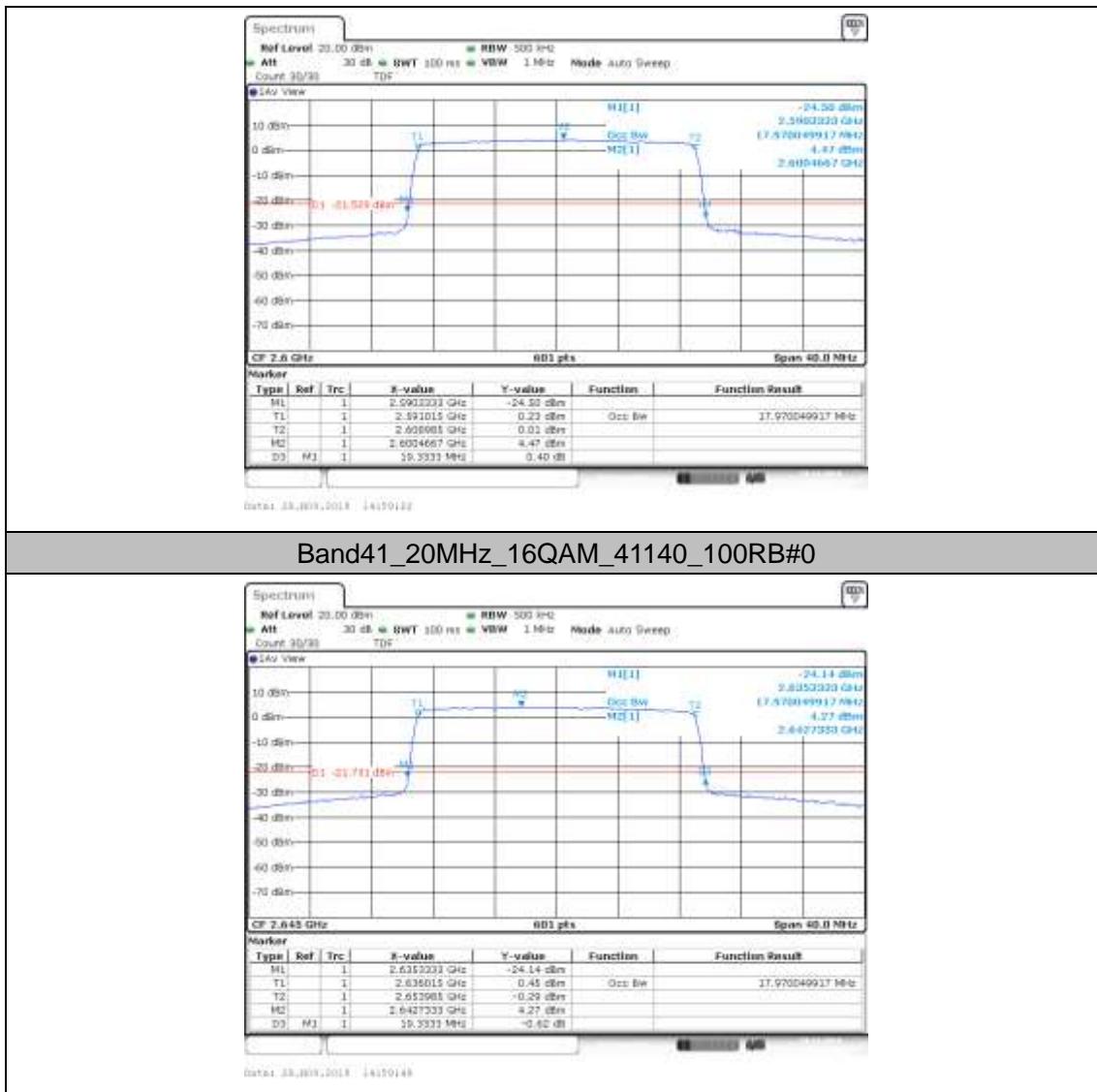
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Appendix D: Band Edge

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|---------|
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | -52.10,-51.97,-52.38 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#12 | -52.26,-52.73,-52.03 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#24 | -51.50,-52.12,-52.52 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 25RB#0 | -52.38,-52.41,-52.48 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | -51.62,-52.17,-51.99 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#12 | -51.78,-51.95,-51.23 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#24 | -51.87,-52.00,-51.84 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 25RB#0 | -51.47,-51.92,-51.60 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | -52.35,-52.48,-51.98 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#12 | -52.37,-52.20,-53.03 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#24 | -51.90,-52.56,-52.51 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 25RB#0 | -51.85,-51.66,-52.61 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | -51.20,-52.74,-51.75 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#12 | -51.76,-52.07,-51.99 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#24 | -51.40,-52.06,-51.62 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 25RB#0 | -51.52,-51.37,-51.73 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | -49.92,-49.72,-50.46 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#24 | -49.77,-49.96,-50.09 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#49 | -49.75,-50.28,-50.23 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 50RB#0 | -50.36,-50.09,-50.21 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | -49.09,-49.37,-49.41 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#24 | -49.48,-49.16,-49.54 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#49 | -49.31,-49.30,-49.65 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 50RB#0 | -49.40,-49.73,-49.87 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | -50.00,-49.98,-49.82 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#24 | -49.59,-49.60,-50.61 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#49 | -50.00,-49.28,-49.92 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 50RB#0 | -49.38,-50.05,-50.18 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | -49.42,-49.86,-49.61 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#24 | -49.29,-49.73,-49.73 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#49 | -49.40,-49.21,-49.54 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 50RB#0 | -49.45,-49.58,-49.49 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | -48.16,-48.47,-48.77 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#38 | -48.22,-48.13,-48.77 | PASS |

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| | | | | | | |
|--------|-------|-------|-------|---------|----------------------|------|
| Band41 | 15MHz | QPSK | 40315 | 1RB#74 | -48.30,-48.16,-48.73 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 75RB#0 | -48.38,-48.45,-48.39 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | -47.76,-47.95,-47.48 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#38 | -47.75,-47.92,-47.93 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#74 | -47.68,-47.74,-47.93 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 75RB#0 | -47.67,-47.59,-46.73 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | -48.09,-48.54,-48.53 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#38 | -48.51,-48.29,-48.15 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#74 | -48.15,-48.31,-48.80 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 75RB#0 | -48.39,-48.52,-48.54 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | -47.74,-47.90,-48.00 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#38 | -47.81,-47.91,-47.82 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#74 | -47.89,-47.74,-47.73 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 75RB#0 | -47.68,-47.60,-47.45 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | -46.45,-46.66,-46.51 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#49 | -46.56,-46.49,-46.90 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#99 | -46.56,-46.67,-46.70 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 100RB#0 | -46.50,-46.18,-46.36 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | -46.06,-45.84,-46.19 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#49 | -46.02,-46.16,-46.37 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#99 | -46.17,-46.00,-46.12 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 100RB#0 | -45.80,-45.20,-45.08 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | -46.60,-46.62,-46.80 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#49 | -46.59,-46.86,-46.71 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#99 | -46.74,-46.27,-46.90 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 100RB#0 | -46.72,-46.52,-46.80 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | -45.75,-45.98,-46.13 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#49 | -46.04,-45.87,-46.32 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#99 | -46.13,-45.88,-45.32 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 100RB#0 | -45.94,-45.49,-45.35 | PASS |

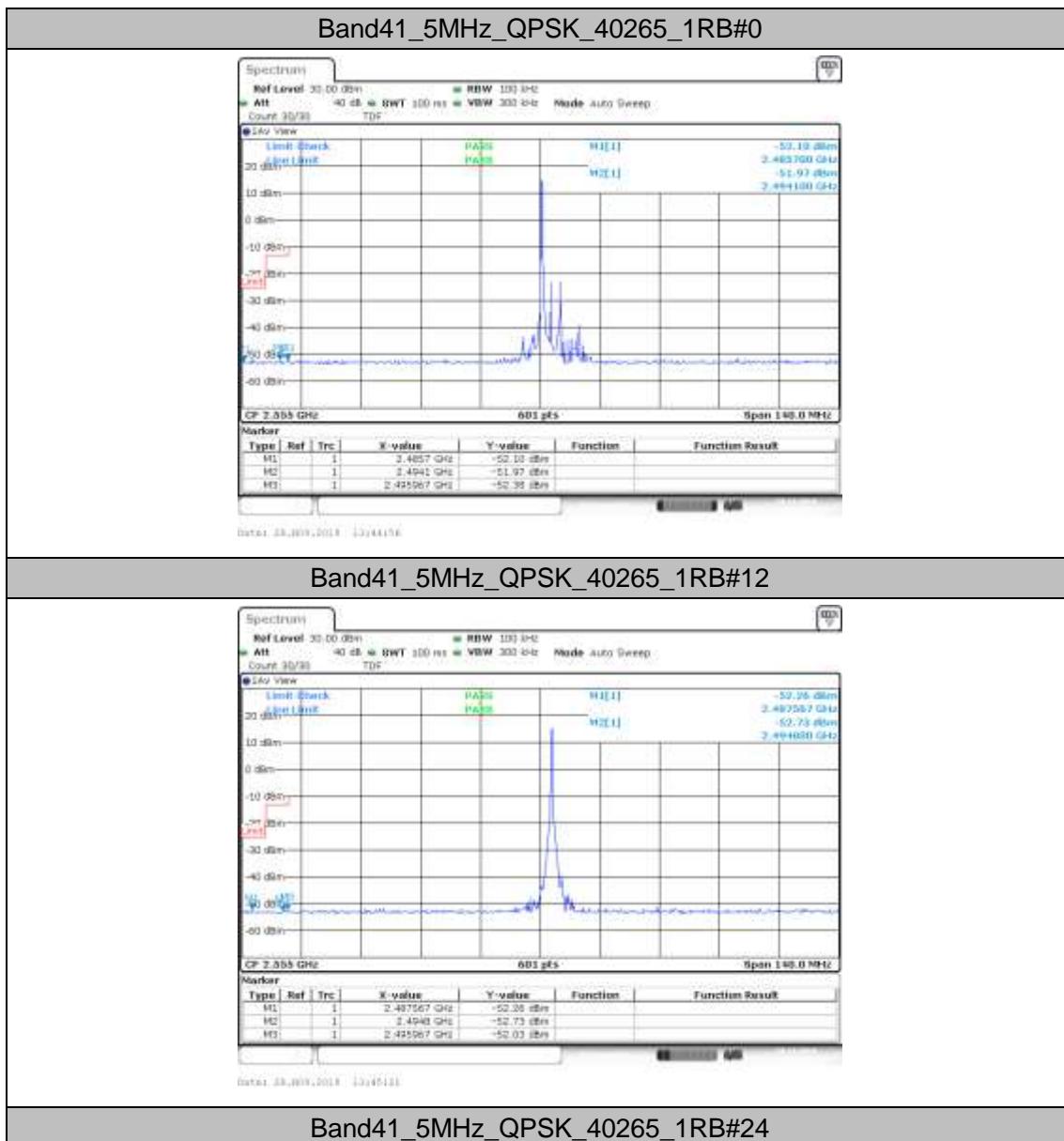
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Test Graphs



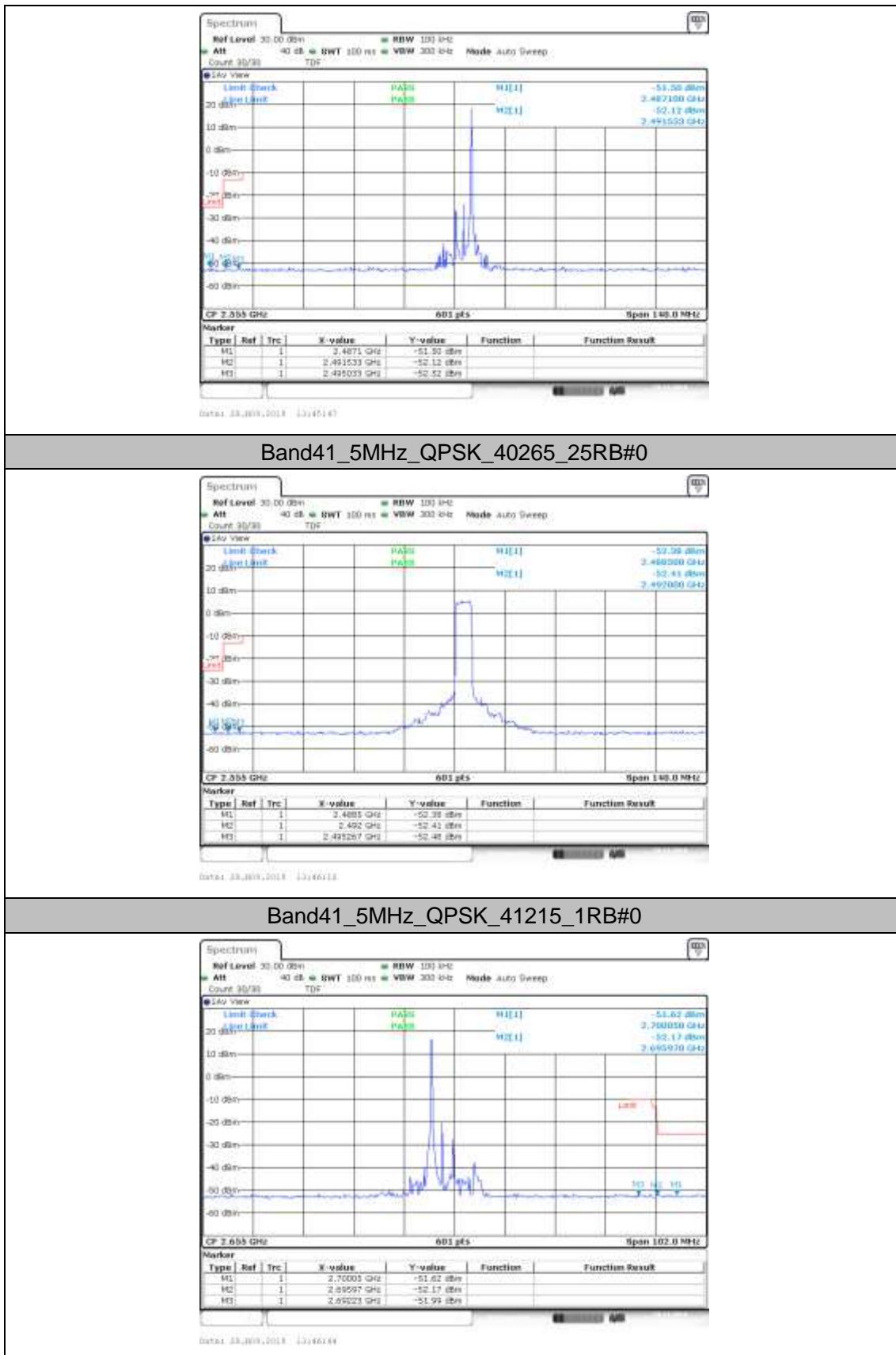
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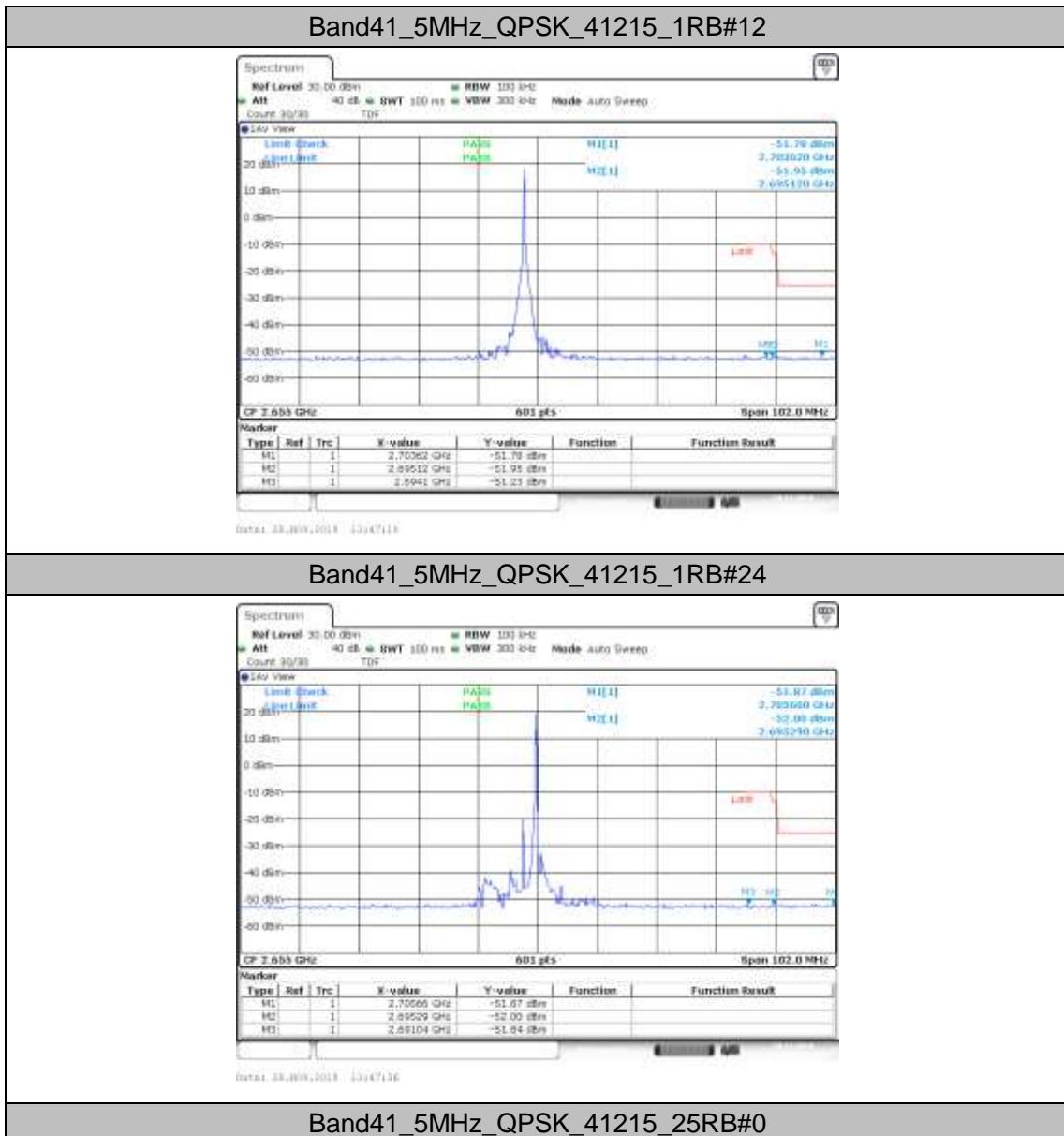
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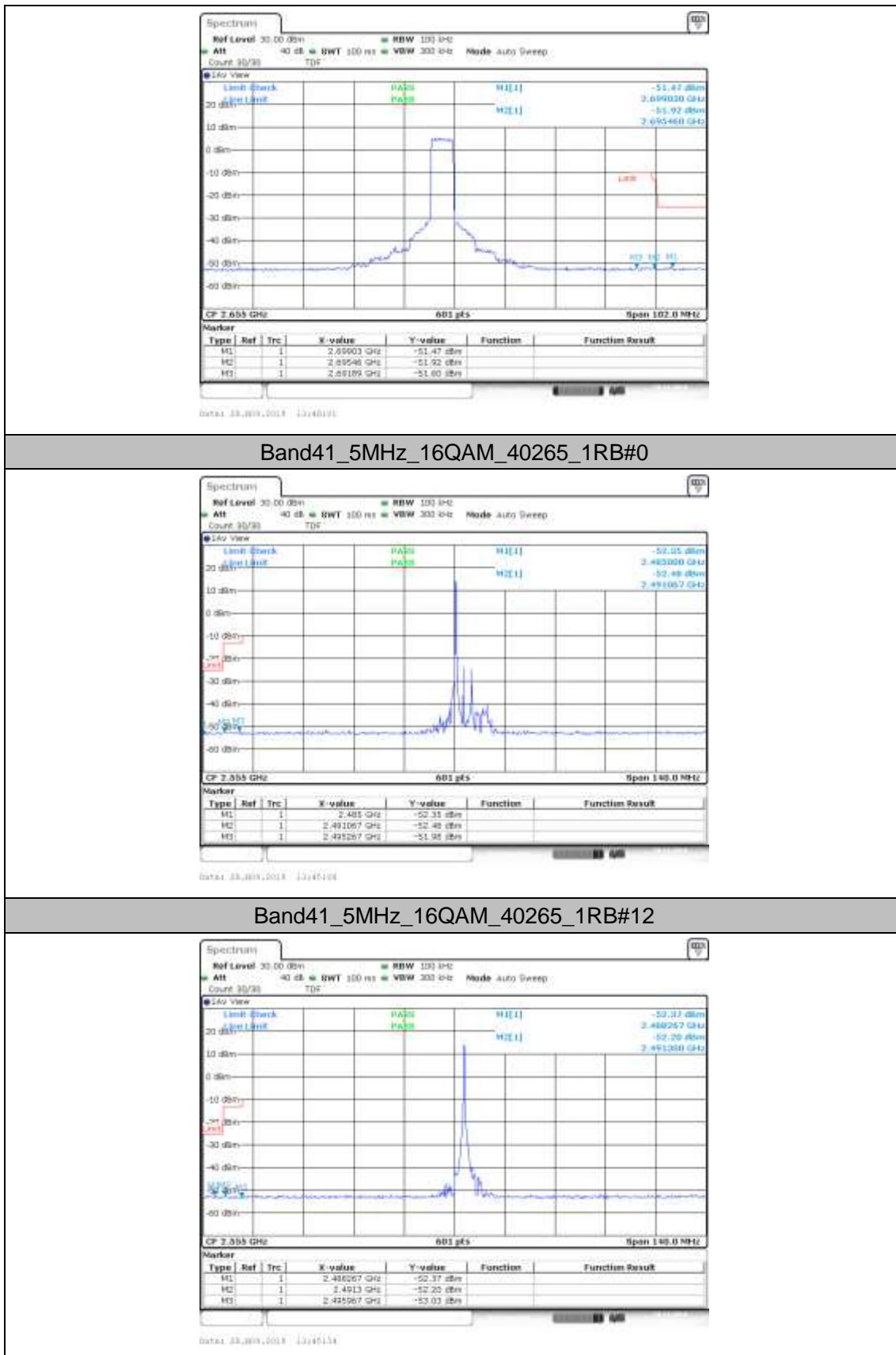
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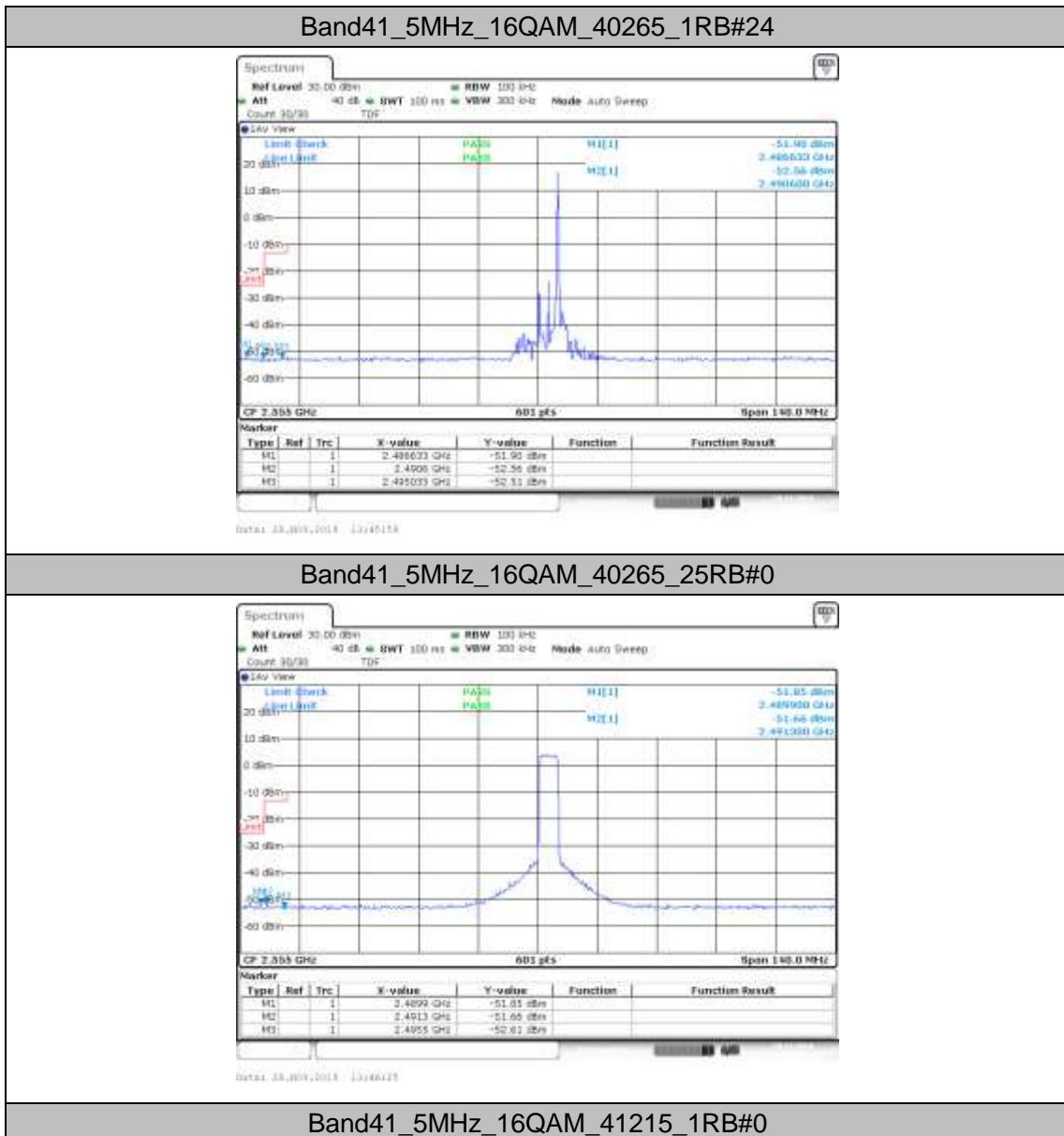
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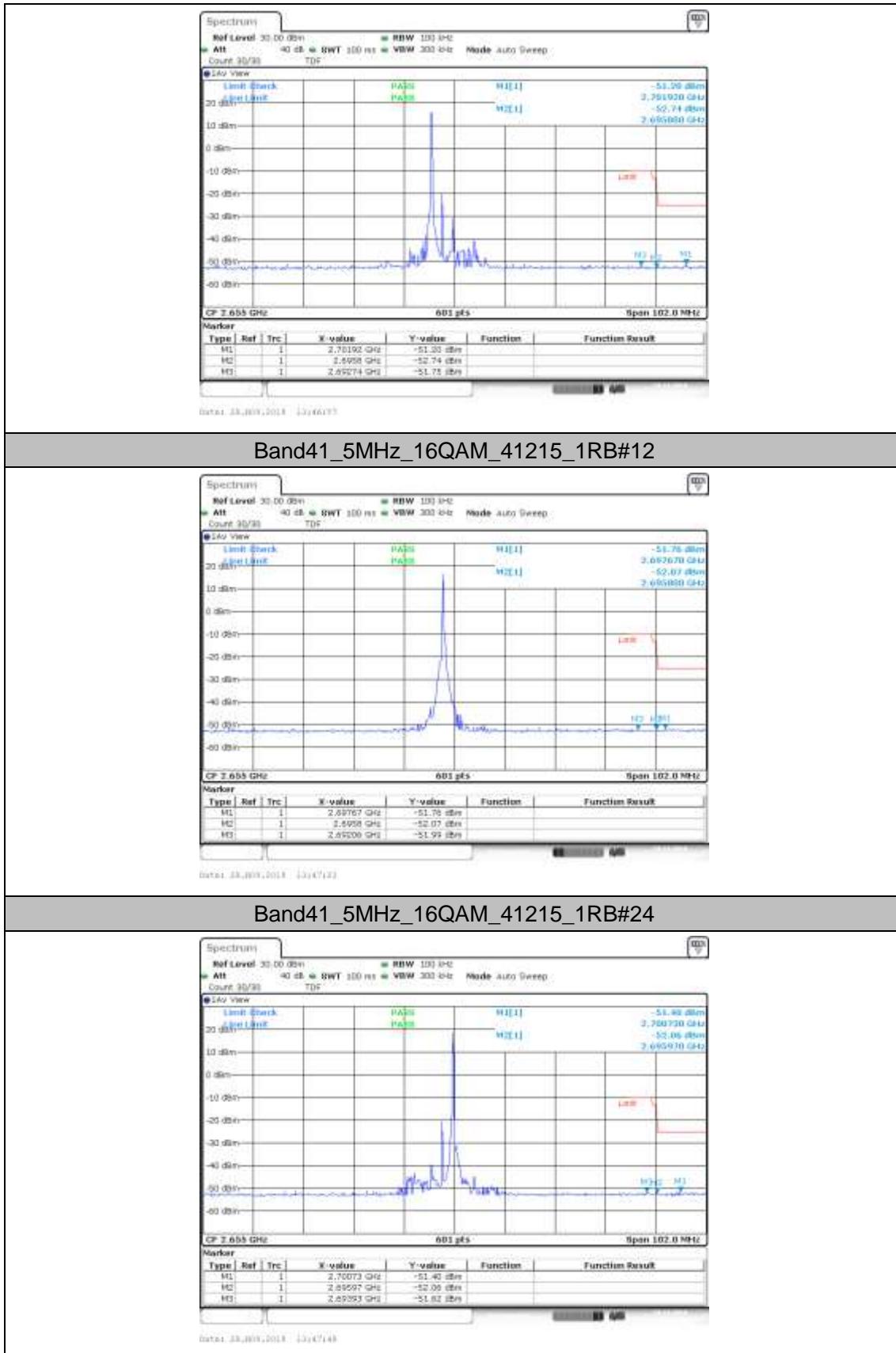
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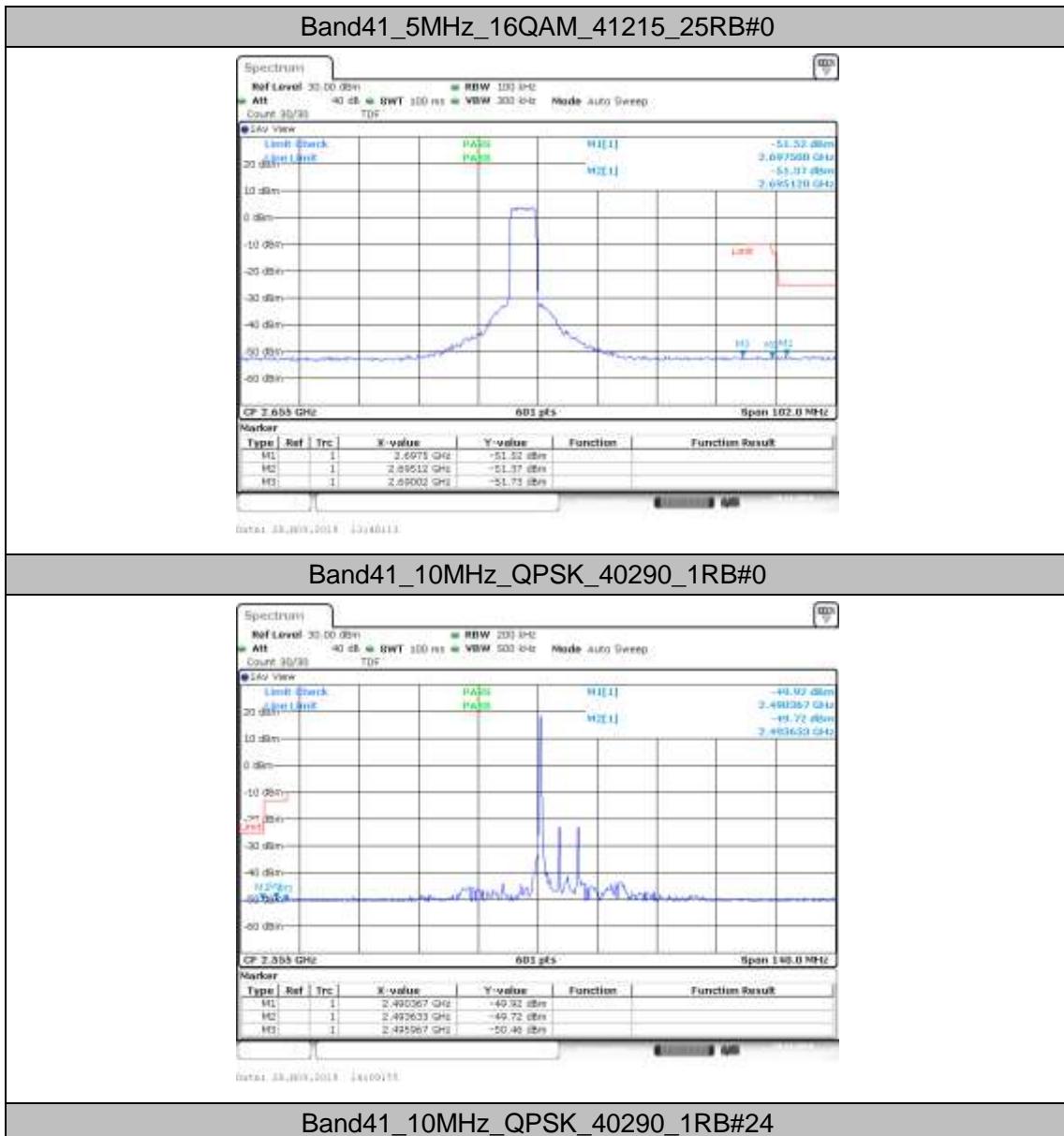
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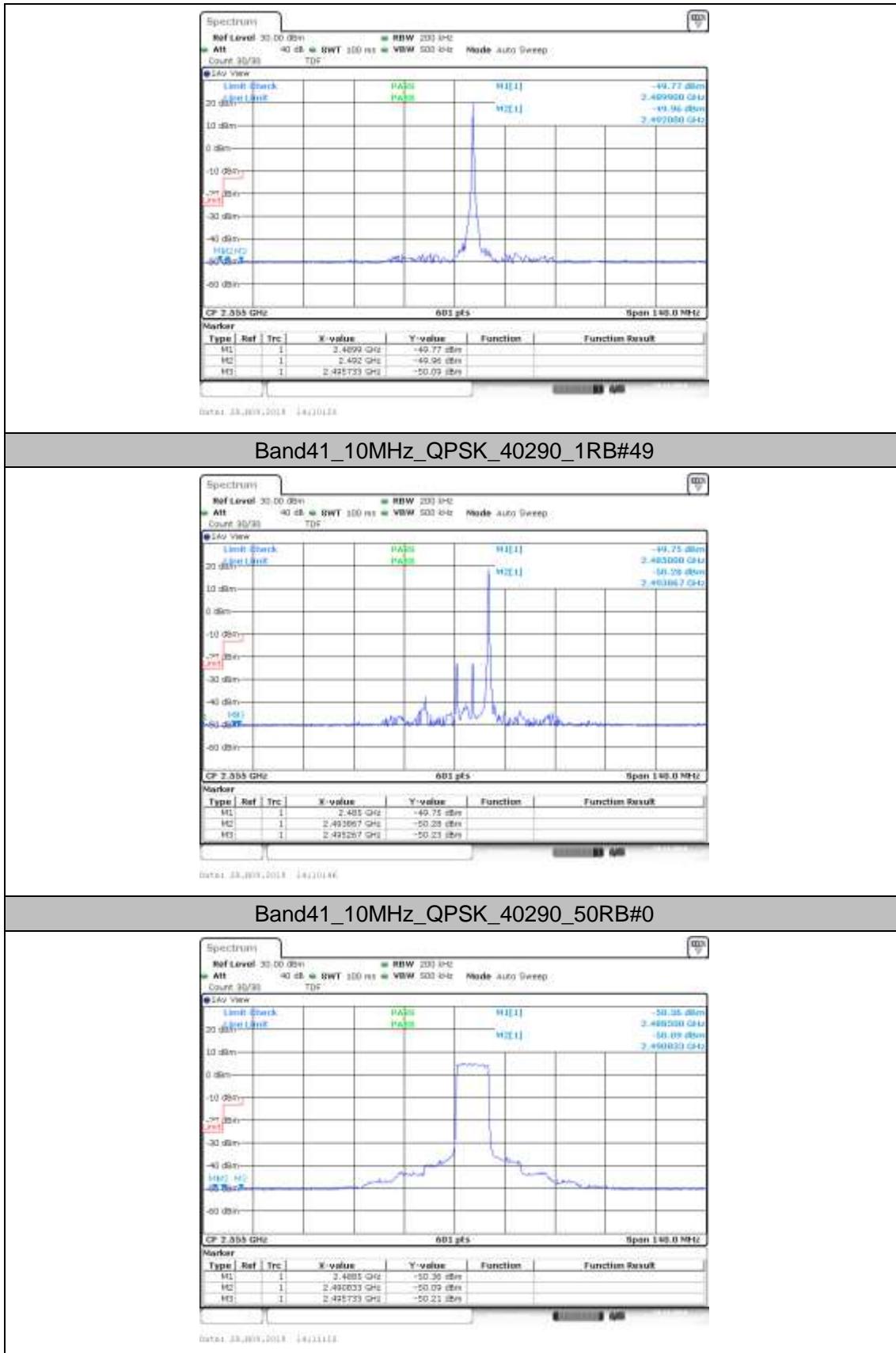
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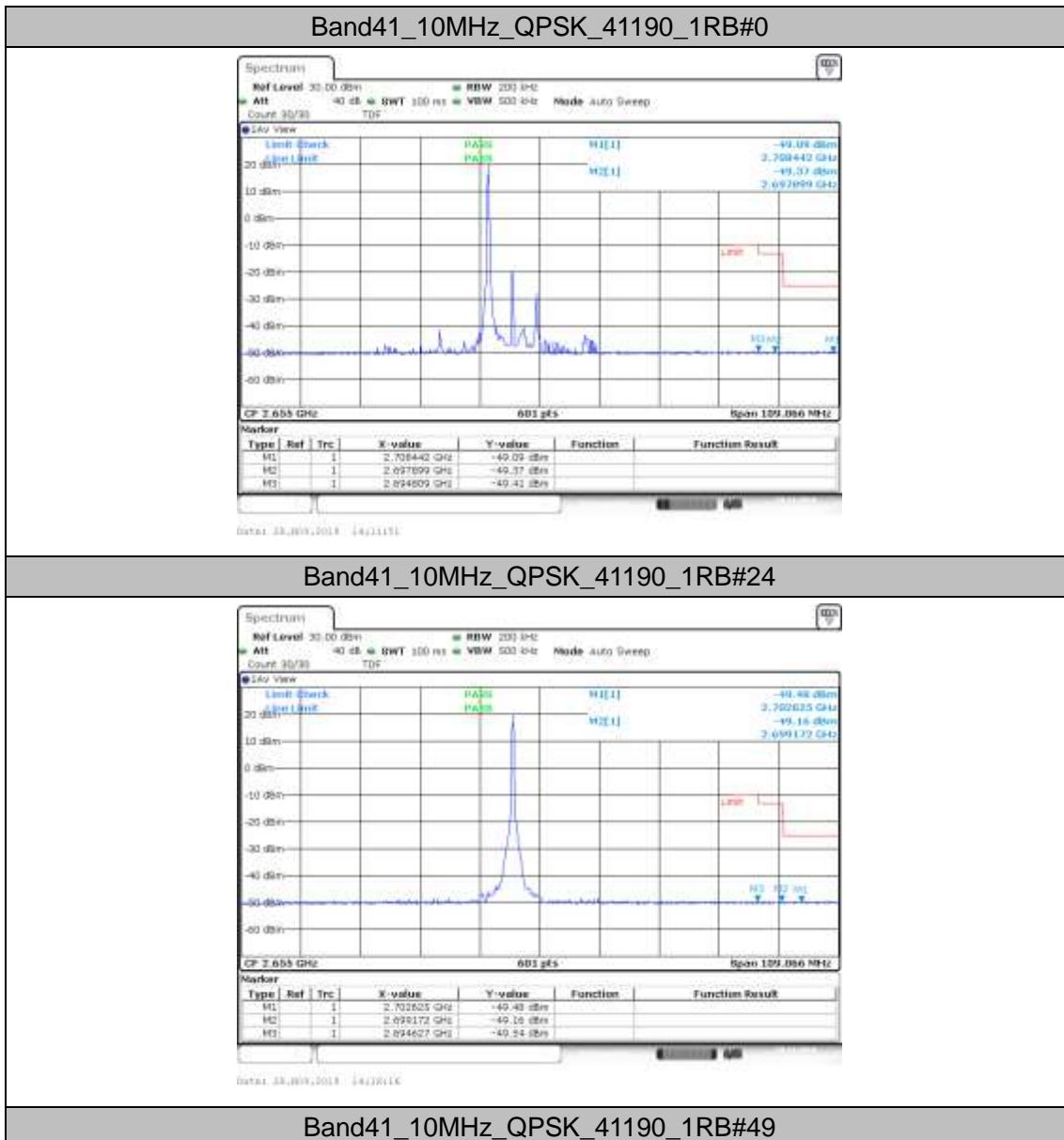
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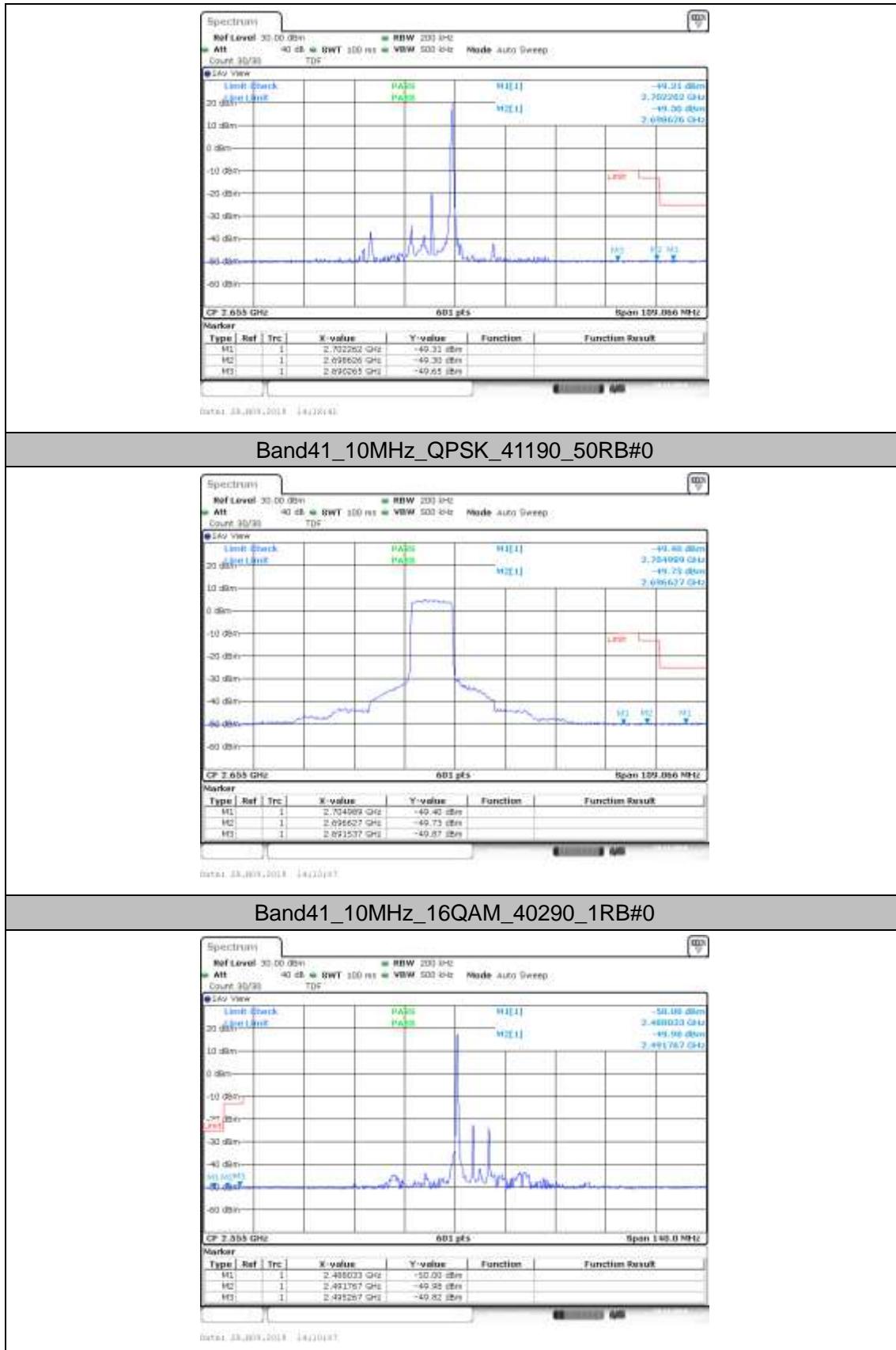
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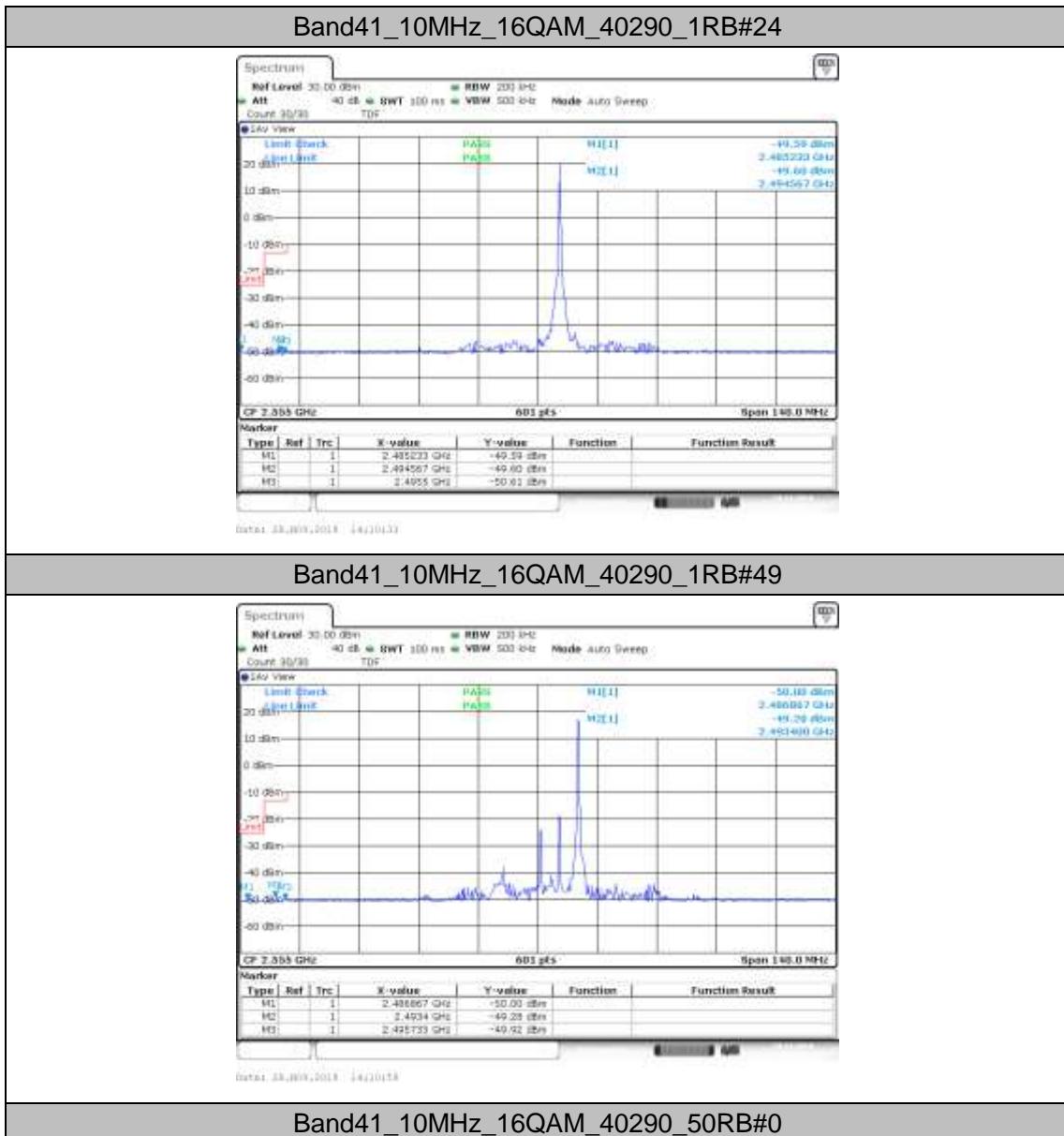
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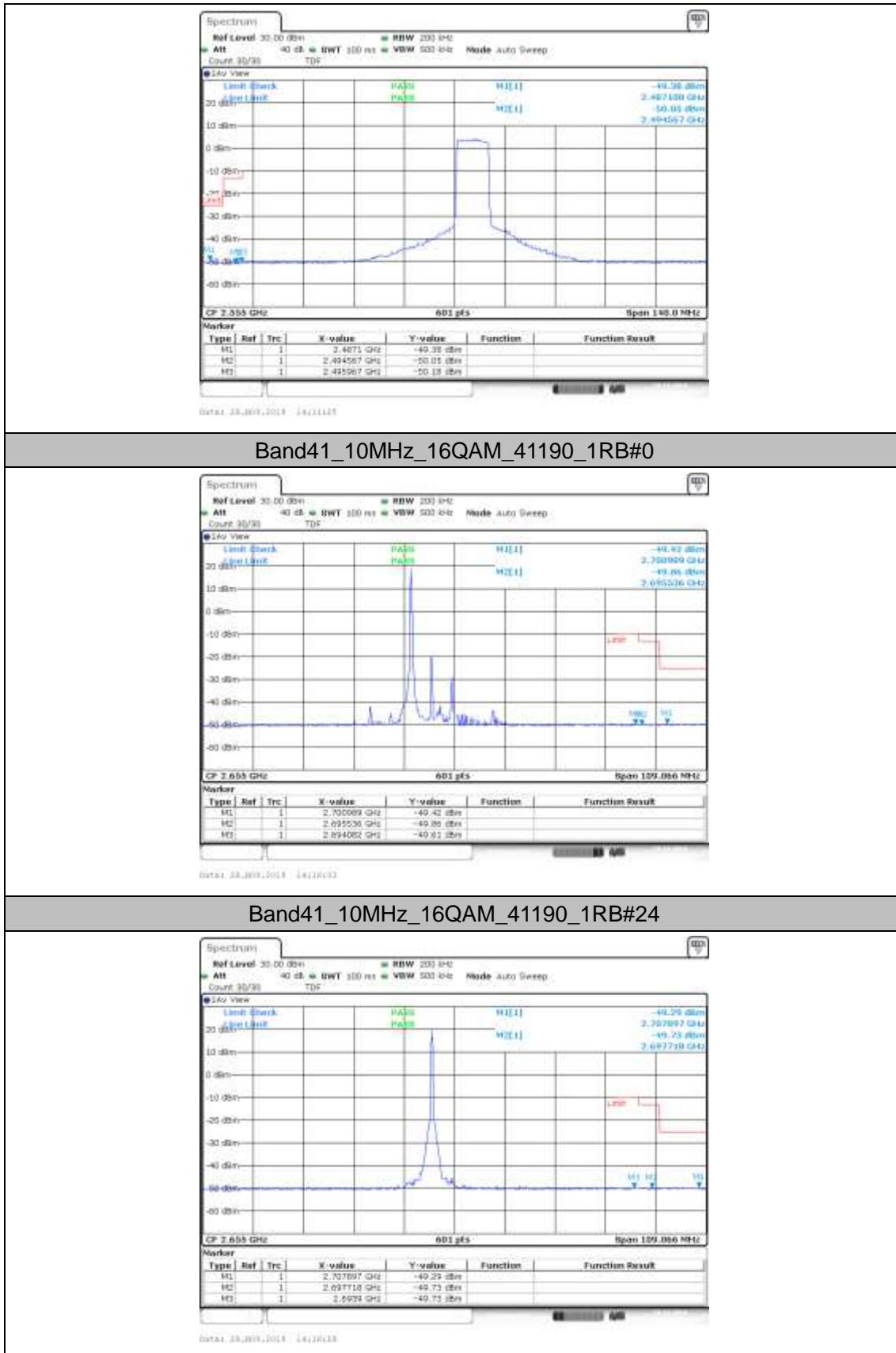
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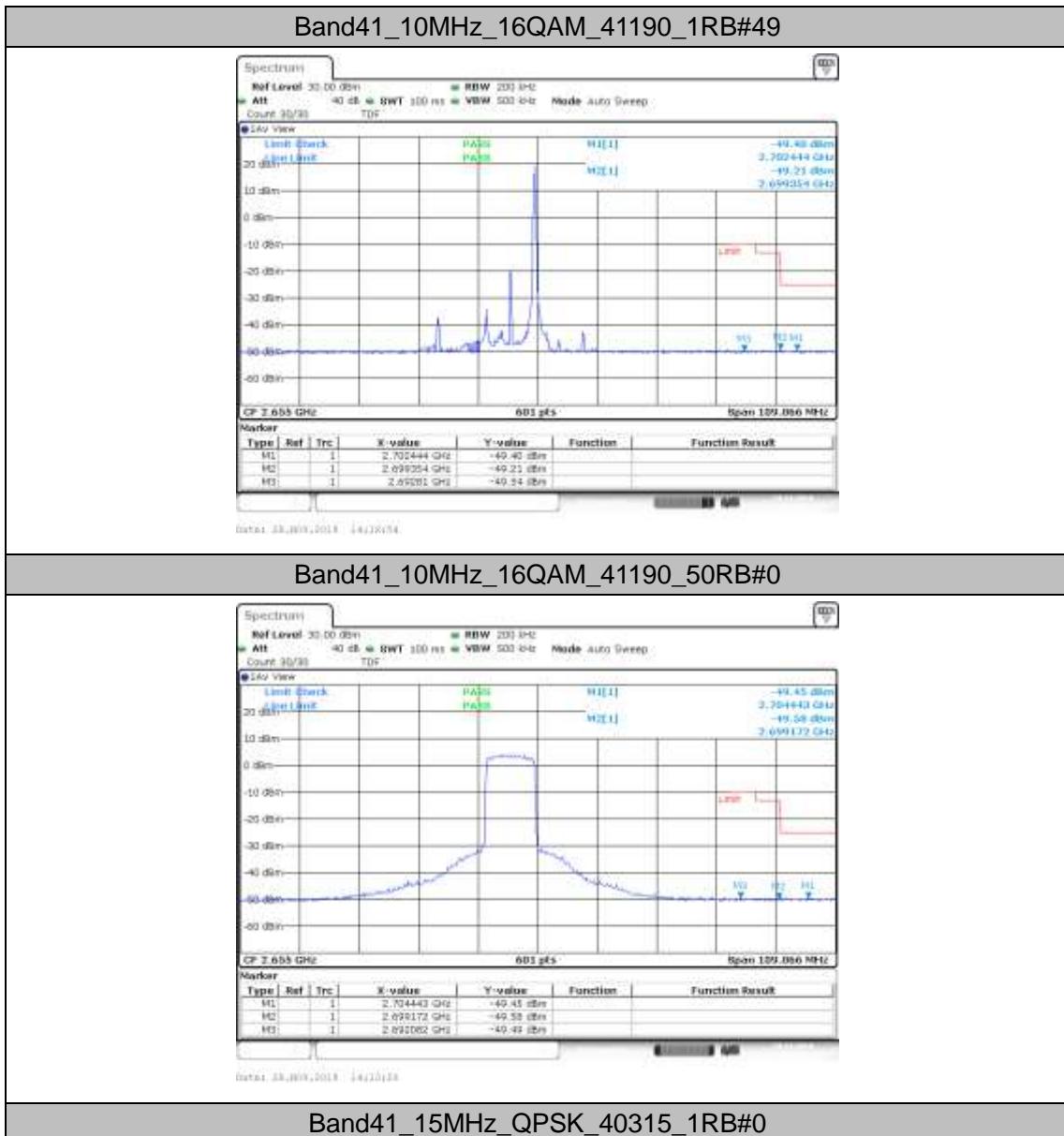
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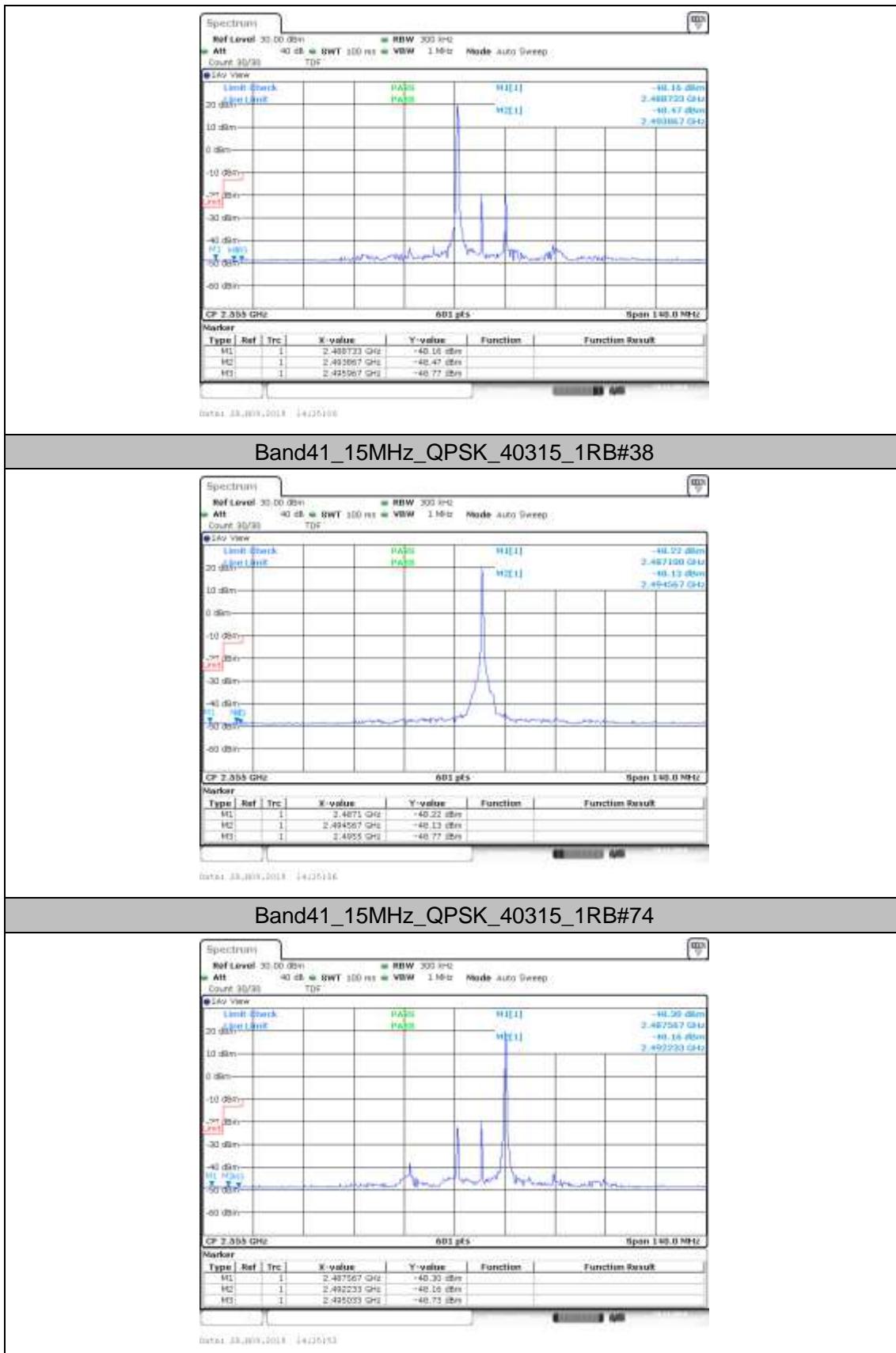
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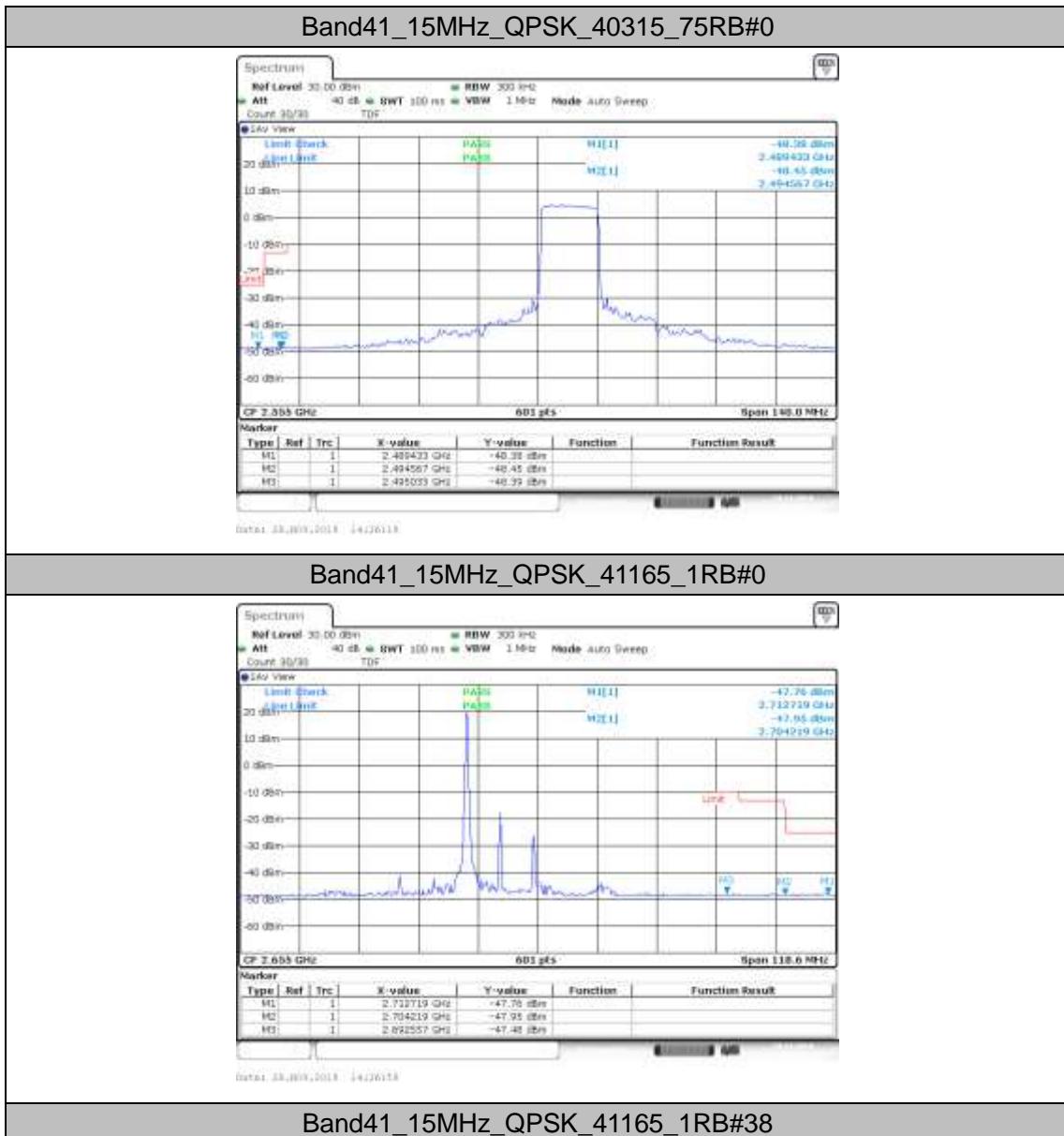
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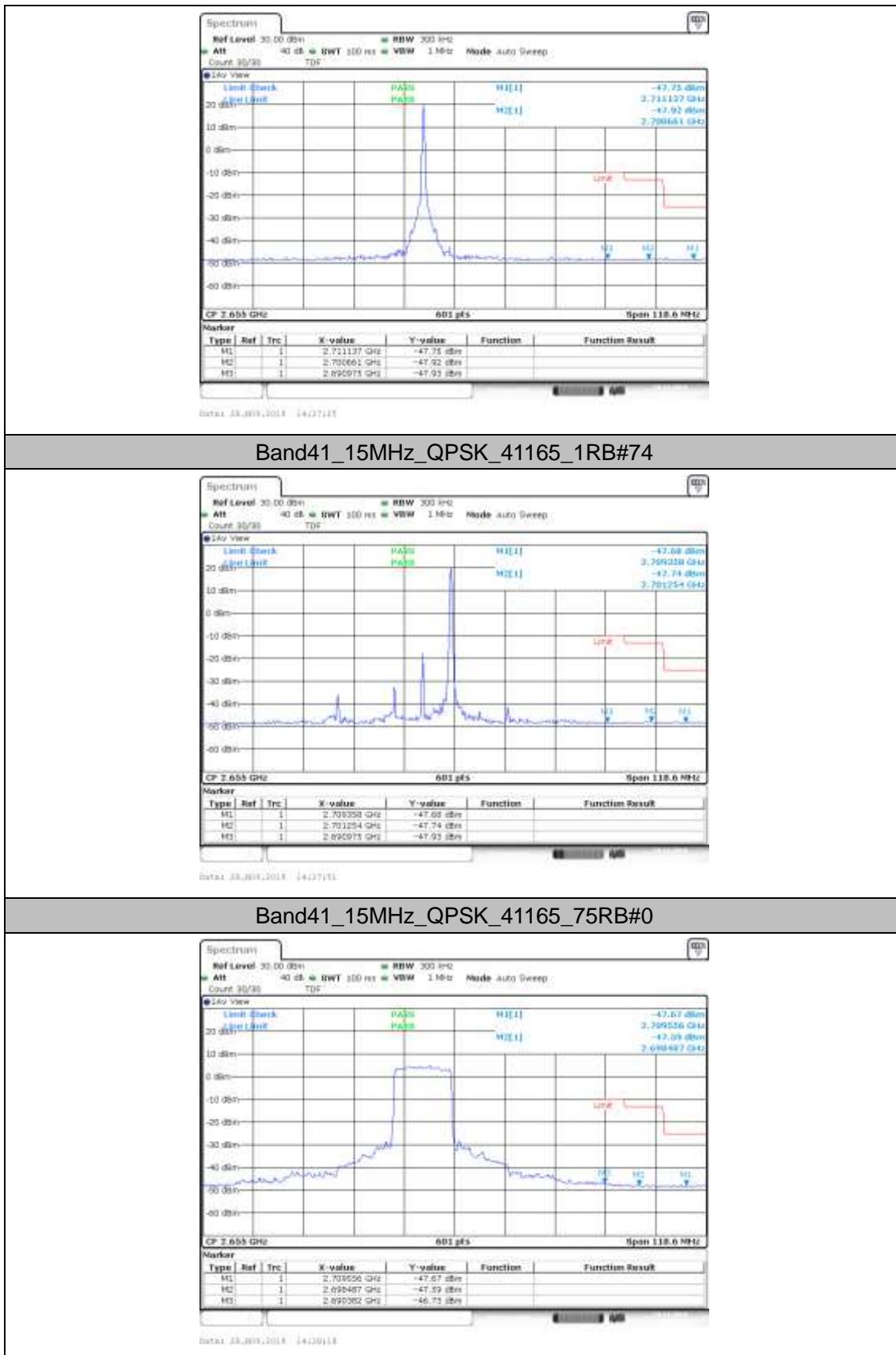
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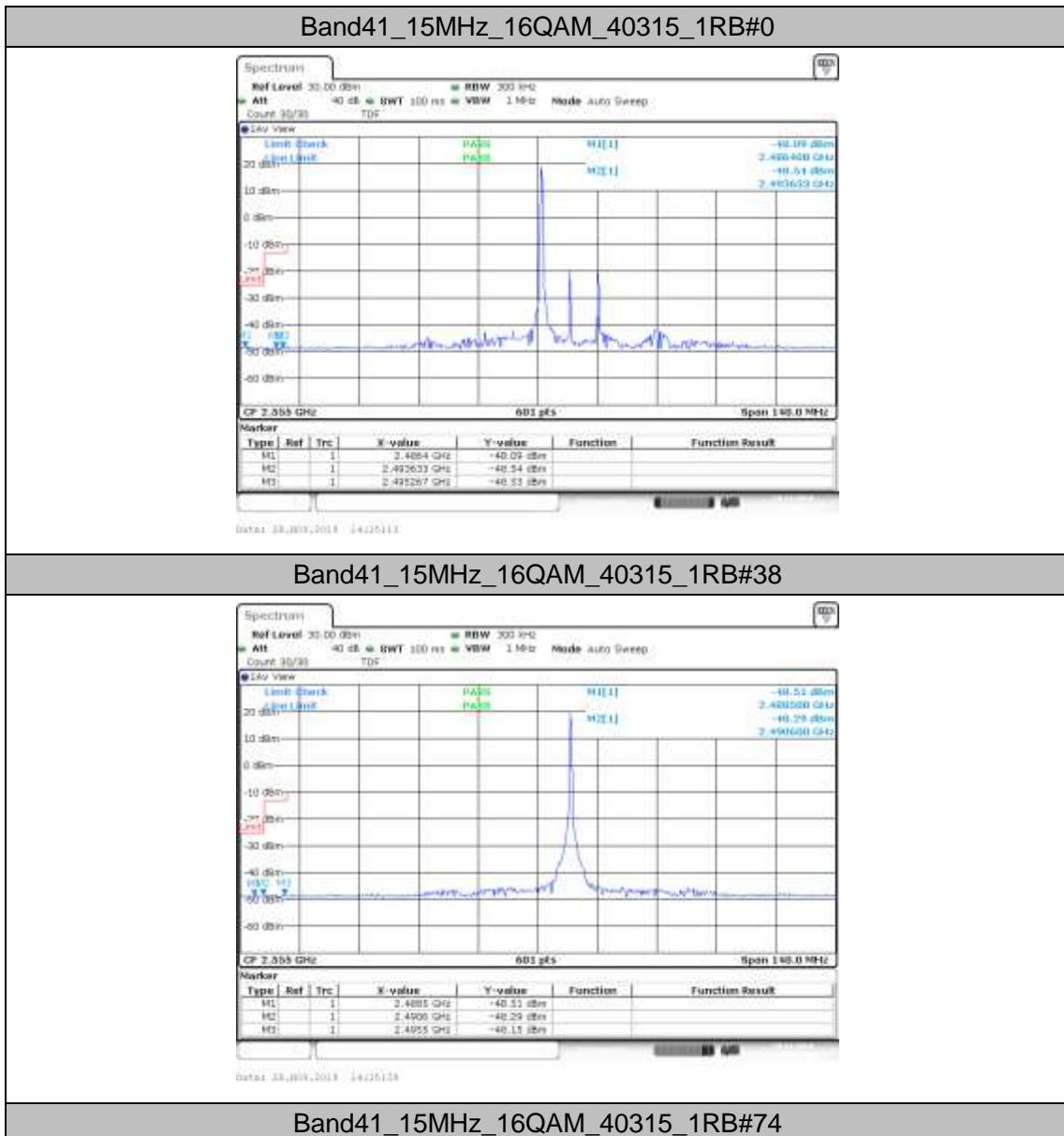
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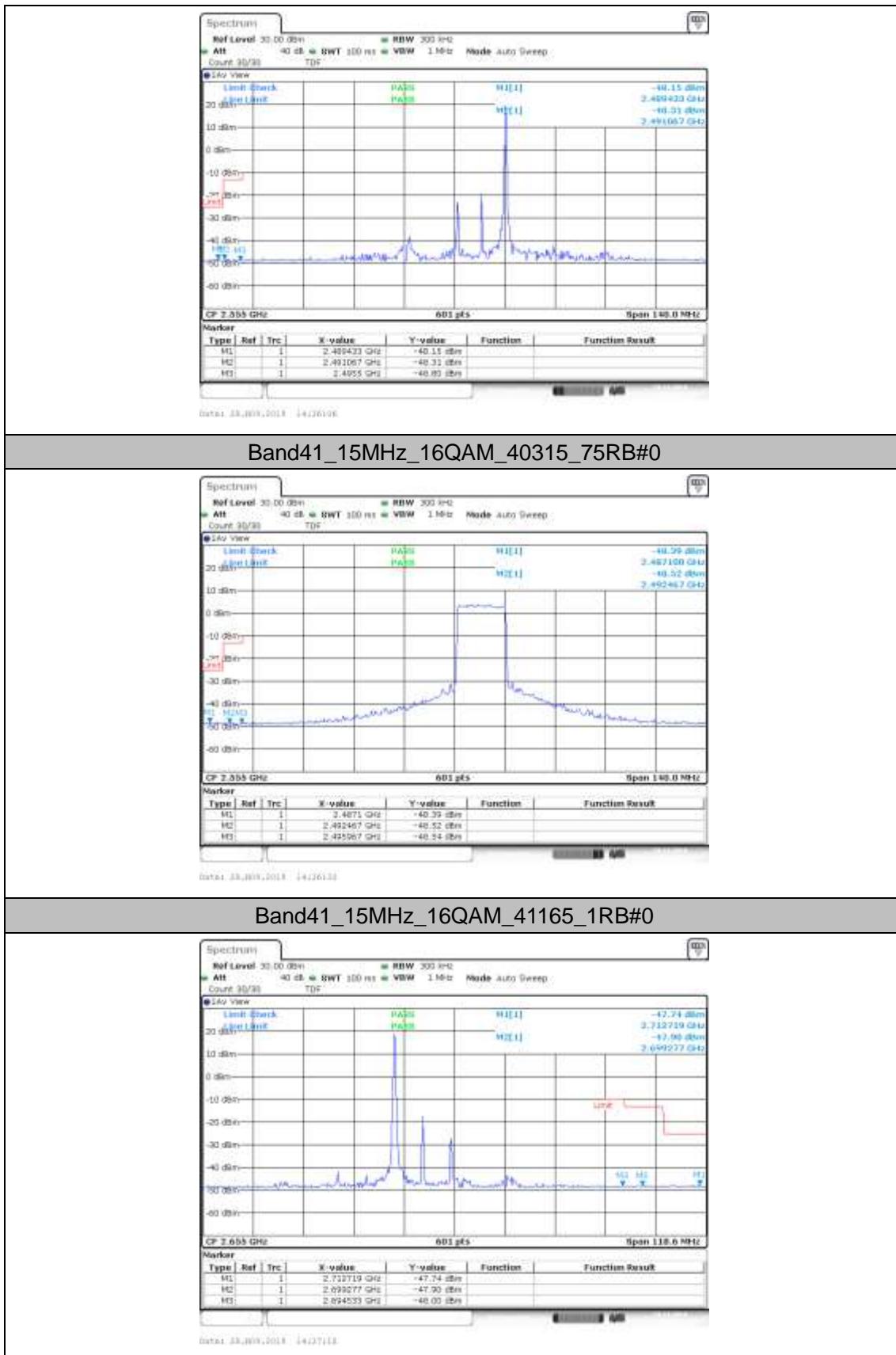
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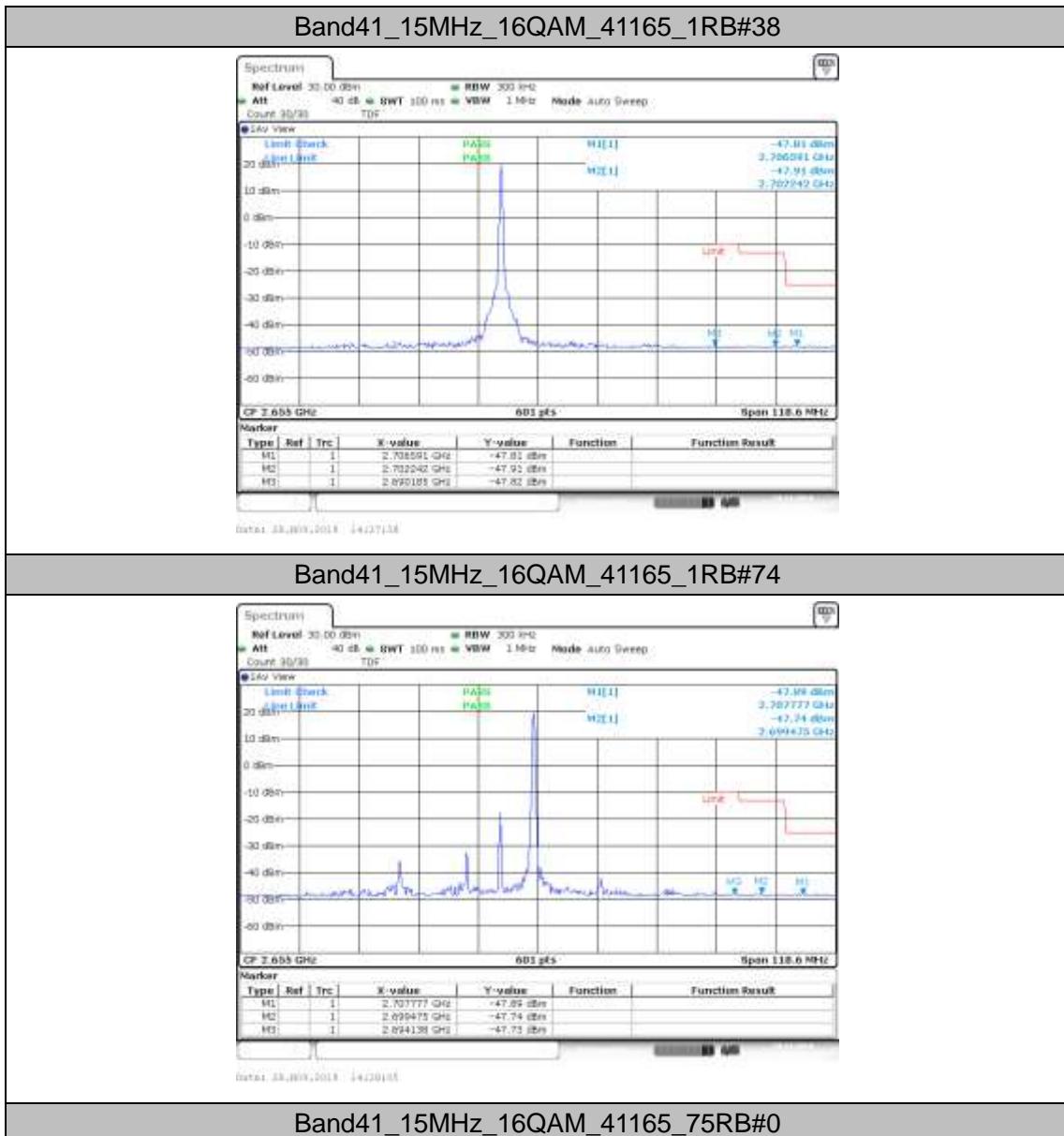
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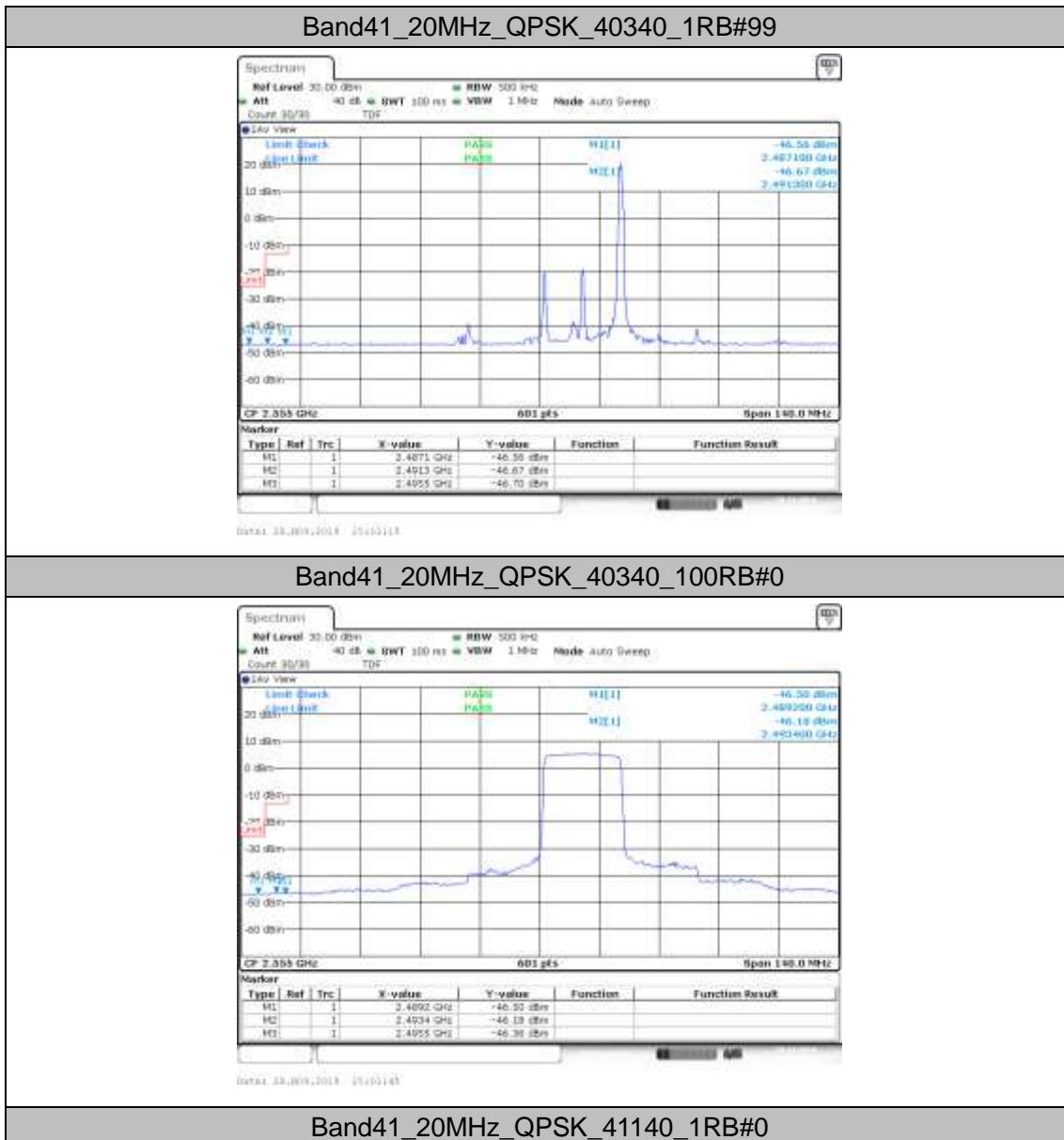
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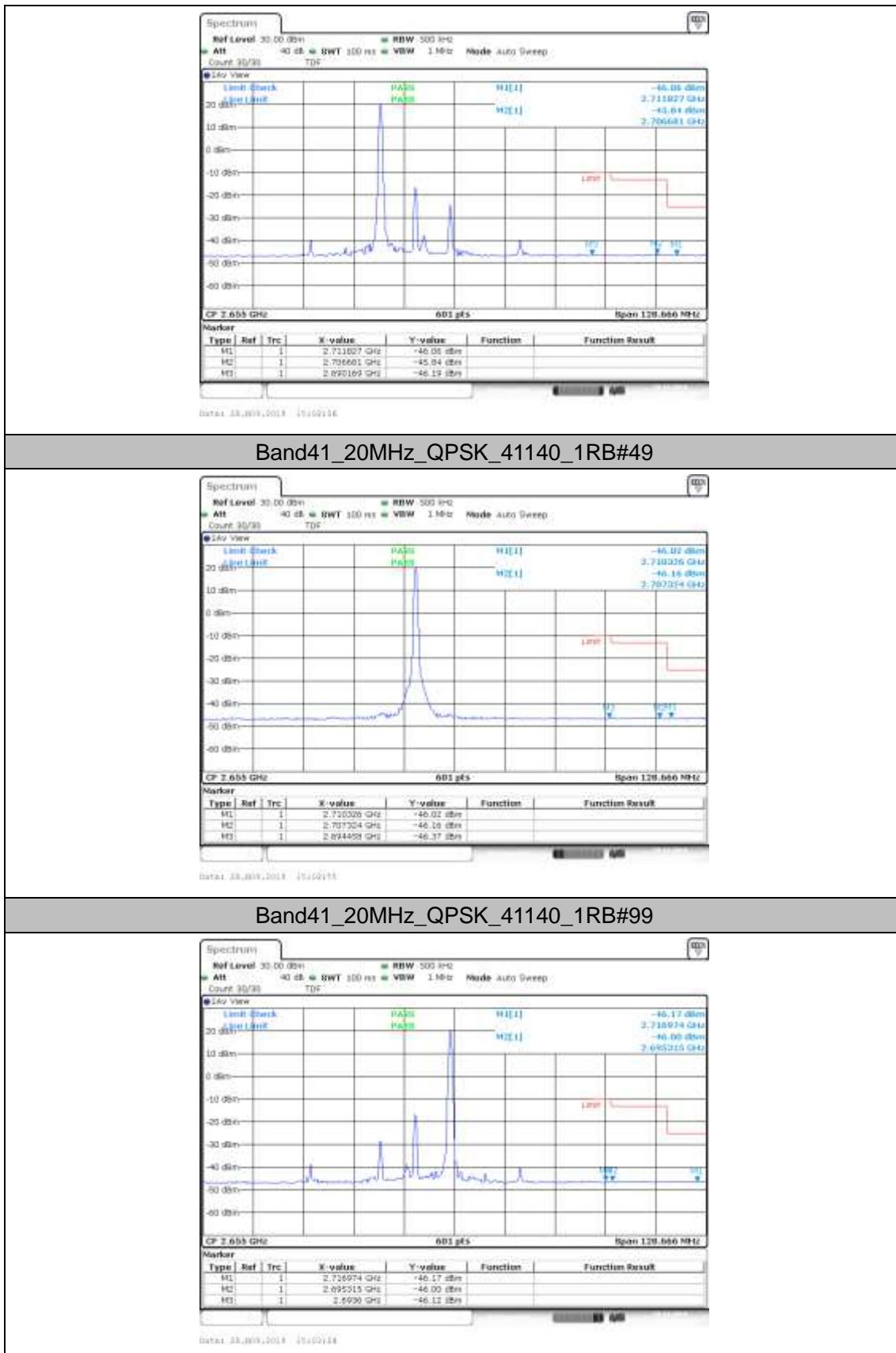
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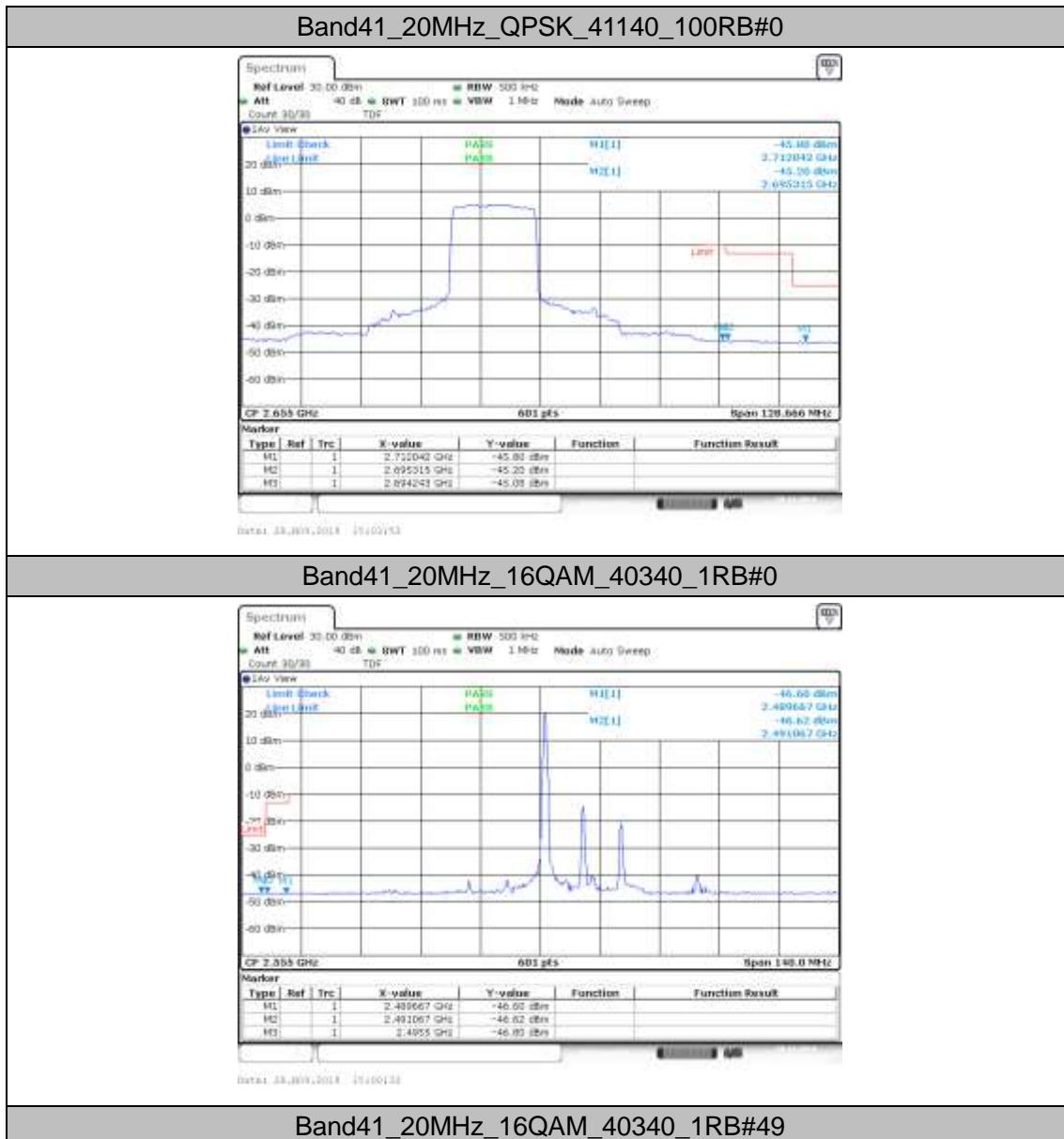
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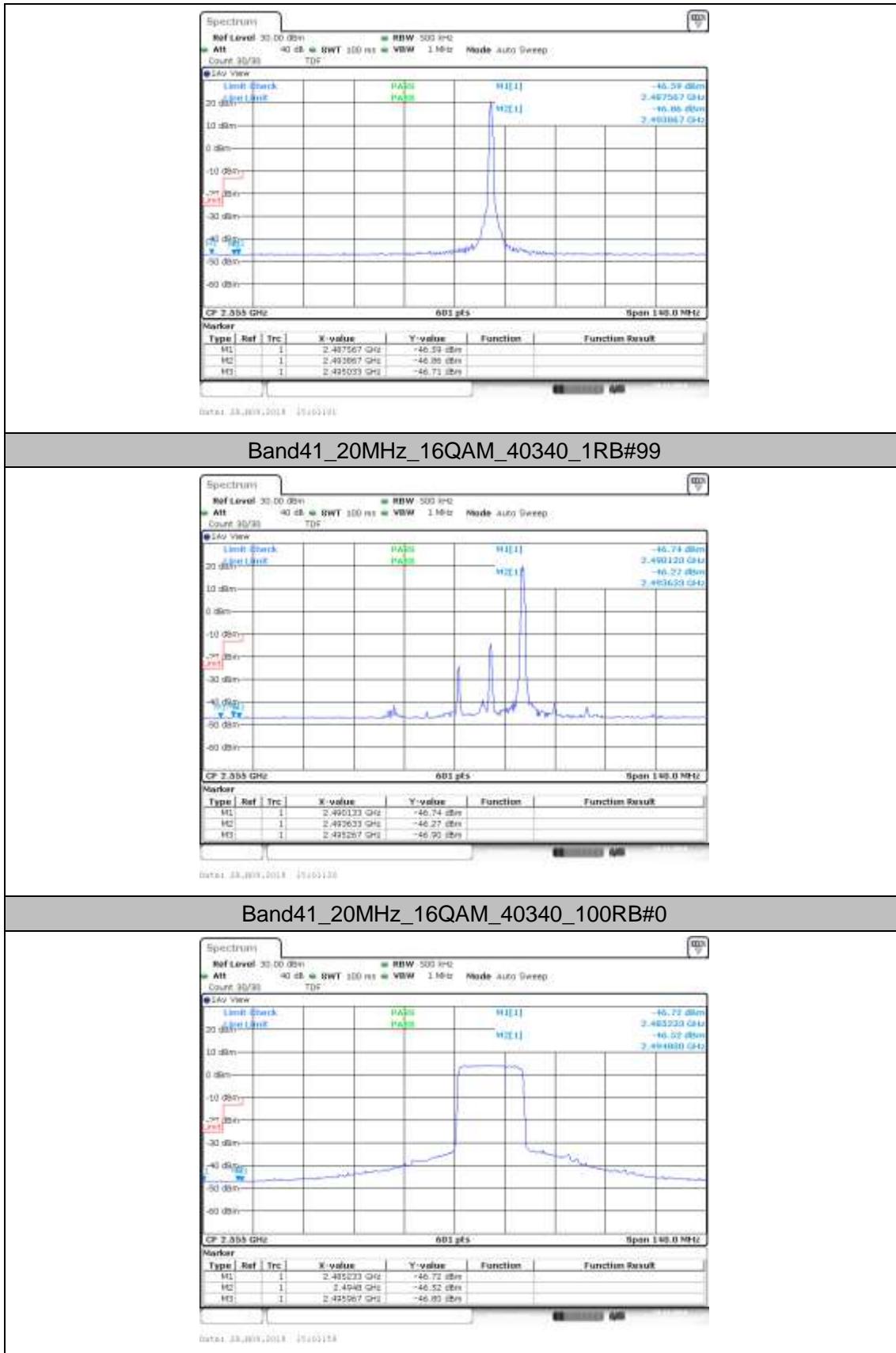
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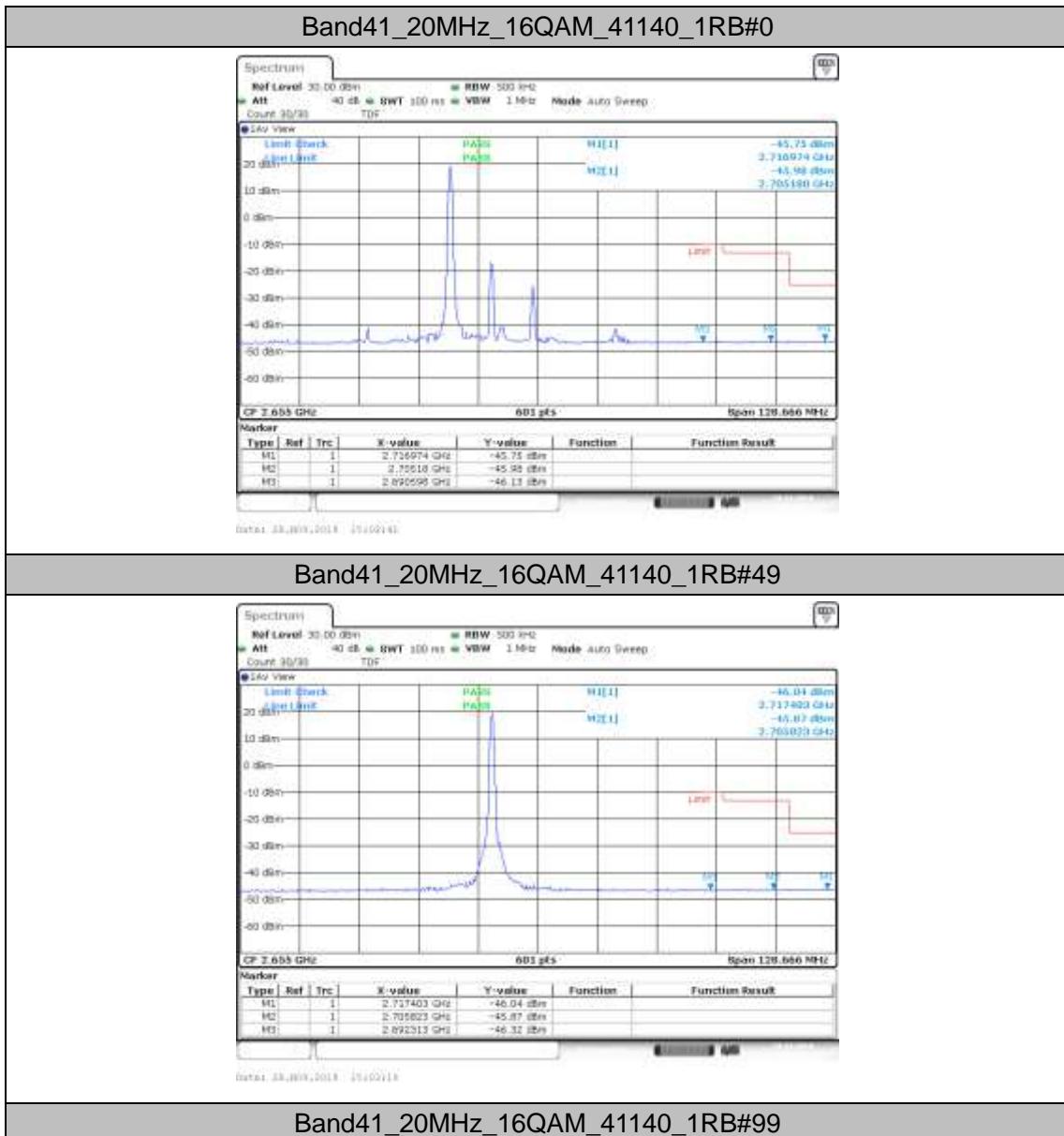
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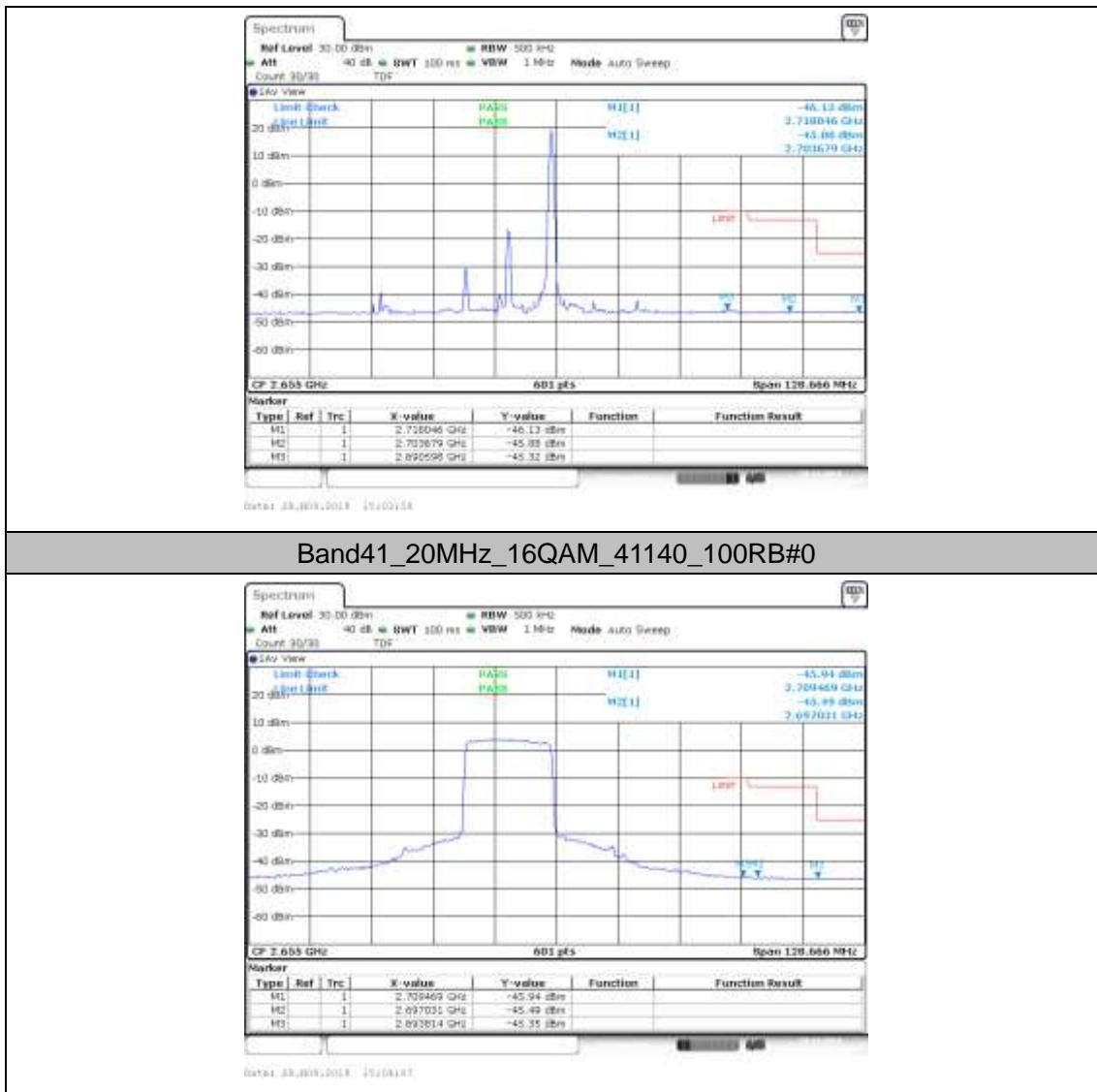
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Appendix E: Conducted Spurious Emission

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------------|--------------|---------|
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | Range1:0.009~0.15MHz | -67.27 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | Range2:0.15~30MHz | -61.5 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | Range3:30~1000MHz | -60.12 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | Range4:1000~5000MHz | -43.73 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | Range5:5000~12000MHz | -36.12 | PASS |
| Band41 | 5MHz | QPSK | 40265 | 1RB#0 | Range6:12000~26500MHz | -58.55 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -69.83 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | Range2:0.15~30MHz | -58.68 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | Range3:30~1000MHz | -60.43 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.79 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | Range5:5000~12000MHz | -39.25 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.55 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | Range1:0.009~0.15MHz | -68.57 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | Range2:0.15~30MHz | -61.52 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | Range3:30~1000MHz | -60.03 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | Range4:1000~5000MHz | -43.88 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | Range5:5000~12000MHz | -36.3 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | Range6:12000~26500MHz | -58.57 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | Range1:0.009~0.15MHz | -67.18 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | Range2:0.15~30MHz | -56.89 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | Range3:30~1000MHz | -59.77 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | Range4:1000~5000MHz | -43.88 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | Range5:5000~12000MHz | -38.45 | PASS |
| Band41 | 5MHz | 16QAM | 40265 | 1RB#0 | Range6:12000~26500MHz | -58.44 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -67.78 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | Range2:0.15~30MHz | -61.94 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | Range3:30~1000MHz | -60.37 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.87 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | Range5:5000~12000MHz | -37.81 | PASS |
| Band41 | 5MHz | 16QAM | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.48 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | Range1:0.009~0.15MHz | -68.31 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | Range2:0.15~30MHz | -60.51 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | Range3:30~1000MHz | -60.62 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | Range4:1000~5000MHz | -43.93 | PASS |

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|--------|-------|-------|-------|-------|-----------------------|--------|------|
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | Range5:5000~12000MHz | -35.79 | PASS |
| Band41 | 5MHz | 16QAM | 41215 | 1RB#0 | Range6:12000~26500MHz | -58.55 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | Range1:0.009~0.15MHz | -69.65 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | Range2:0.15~30MHz | -59.46 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | Range3:30~1000MHz | -59.62 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | Range4:1000~5000MHz | -43.82 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | Range5:5000~12000MHz | -36.55 | PASS |
| Band41 | 10MHz | QPSK | 40290 | 1RB#0 | Range6:12000~26500MHz | -58.49 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -68.77 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | Range2:0.15~30MHz | -57.49 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | Range3:30~1000MHz | -60.86 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.92 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | Range5:5000~12000MHz | -34.89 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.55 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | Range1:0.009~0.15MHz | -70.05 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | Range2:0.15~30MHz | -55.3 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | Range3:30~1000MHz | -60.81 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | Range4:1000~5000MHz | -43.87 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | Range5:5000~12000MHz | -37.75 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | Range6:12000~26500MHz | -58.55 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | Range1:0.009~0.15MHz | -69.01 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | Range2:0.15~30MHz | -59.53 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | Range3:30~1000MHz | -60.83 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | Range4:1000~5000MHz | -43.96 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | Range5:5000~12000MHz | -37.59 | PASS |
| Band41 | 10MHz | 16QAM | 40290 | 1RB#0 | Range6:12000~26500MHz | -58.53 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -70.95 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | Range2:0.15~30MHz | -60.2 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | Range3:30~1000MHz | -60.9 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.92 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | Range5:5000~12000MHz | -37.17 | PASS |
| Band41 | 10MHz | 16QAM | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.55 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | Range1:0.009~0.15MHz | -70.66 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | Range2:0.15~30MHz | -58.32 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | Range3:30~1000MHz | -60.53 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | Range4:1000~5000MHz | -43.85 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | Range5:5000~12000MHz | -39.3 | PASS |
| Band41 | 10MHz | 16QAM | 41190 | 1RB#0 | Range6:12000~26500MHz | -58.59 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | Range1:0.009~0.15MHz | -71.1 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | Range2:0.15~30MHz | -59.71 | PASS |

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| | | | | | | | |
|--------|-------|-------|-------|-------|-----------------------|--------|------|
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | Range3:30~1000MHz | -59.53 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | Range4:1000~5000MHz | -43.95 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | Range5:5000~12000MHz | -37.6 | PASS |
| Band41 | 15MHz | QPSK | 40315 | 1RB#0 | Range6:12000~26500MHz | -58.64 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -71.46 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | Range2:0.15~30MHz | -62.04 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | Range3:30~1000MHz | -60.18 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.85 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | Range5:5000~12000MHz | -40.4 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.45 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | Range1:0.009~0.15MHz | -71.82 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | Range2:0.15~30MHz | -63.95 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | Range3:30~1000MHz | -60.1 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | Range4:1000~5000MHz | -43.97 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | Range5:5000~12000MHz | -38.18 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | Range6:12000~26500MHz | -58.69 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | Range1:0.009~0.15MHz | -68.74 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | Range2:0.15~30MHz | -60.29 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | Range3:30~1000MHz | -60.53 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | Range4:1000~5000MHz | -43.86 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | Range5:5000~12000MHz | -37.21 | PASS |
| Band41 | 15MHz | 16QAM | 40315 | 1RB#0 | Range6:12000~26500MHz | -58.48 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -71.62 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | Range2:0.15~30MHz | -62.36 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | Range3:30~1000MHz | -60.29 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.71 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | Range5:5000~12000MHz | -37.95 | PASS |
| Band41 | 15MHz | 16QAM | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.41 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | Range1:0.009~0.15MHz | -72.84 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | Range2:0.15~30MHz | -61.27 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | Range3:30~1000MHz | -59.06 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | Range4:1000~5000MHz | -43.9 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | Range5:5000~12000MHz | -38.95 | PASS |
| Band41 | 15MHz | 16QAM | 41165 | 1RB#0 | Range6:12000~26500MHz | -58.53 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | Range1:0.009~0.15MHz | -71.39 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | Range2:0.15~30MHz | -61.9 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | Range3:30~1000MHz | -60.16 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | Range4:1000~5000MHz | -43.76 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | Range5:5000~12000MHz | -36.66 | PASS |
| Band41 | 20MHz | QPSK | 40340 | 1RB#0 | Range6:12000~26500MHz | -58.54 | PASS |

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| | | | | | | | |
|--------|-------|-------|-------|-------|-----------------------|--------|------|
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -70.93 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | Range2:0.15~30MHz | -61.18 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | Range3:30~1000MHz | -59.36 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.85 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | Range5:5000~12000MHz | -36.95 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.63 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | Range1:0.009~0.15MHz | -70.92 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | Range2:0.15~30MHz | -59.67 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | Range3:30~1000MHz | -60.8 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | Range4:1000~5000MHz | -43.6 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | Range5:5000~12000MHz | -37.17 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | Range6:12000~26500MHz | -58.54 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range1:0.009~0.15MHz | -71.06 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range2:0.15~30MHz | -61.94 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range3:30~1000MHz | -60.04 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range4:1000~5000MHz | -43.9 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range5:5000~12000MHz | -36.1 | PASS |
| Band41 | 20MHz | 16QAM | 40340 | 1RB#0 | Range6:12000~26500MHz | -58.34 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | Range1:0.009~0.15MHz | -70.74 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | Range2:0.15~30MHz | -59.97 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | Range3:30~1000MHz | -60.79 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | Range4:1000~5000MHz | -43.87 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | Range5:5000~12000MHz | -38.8 | PASS |
| Band41 | 20MHz | 16QAM | 40690 | 1RB#0 | Range6:12000~26500MHz | -58.59 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range1:0.009~0.15MHz | -69.24 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range2:0.15~30MHz | -60.31 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range3:30~1000MHz | -59.56 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range4:1000~5000MHz | -43.84 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range5:5000~12000MHz | -40.05 | PASS |
| Band41 | 20MHz | 16QAM | 41140 | 1RB#0 | Range6:12000~26500MHz | -58.55 | PASS |

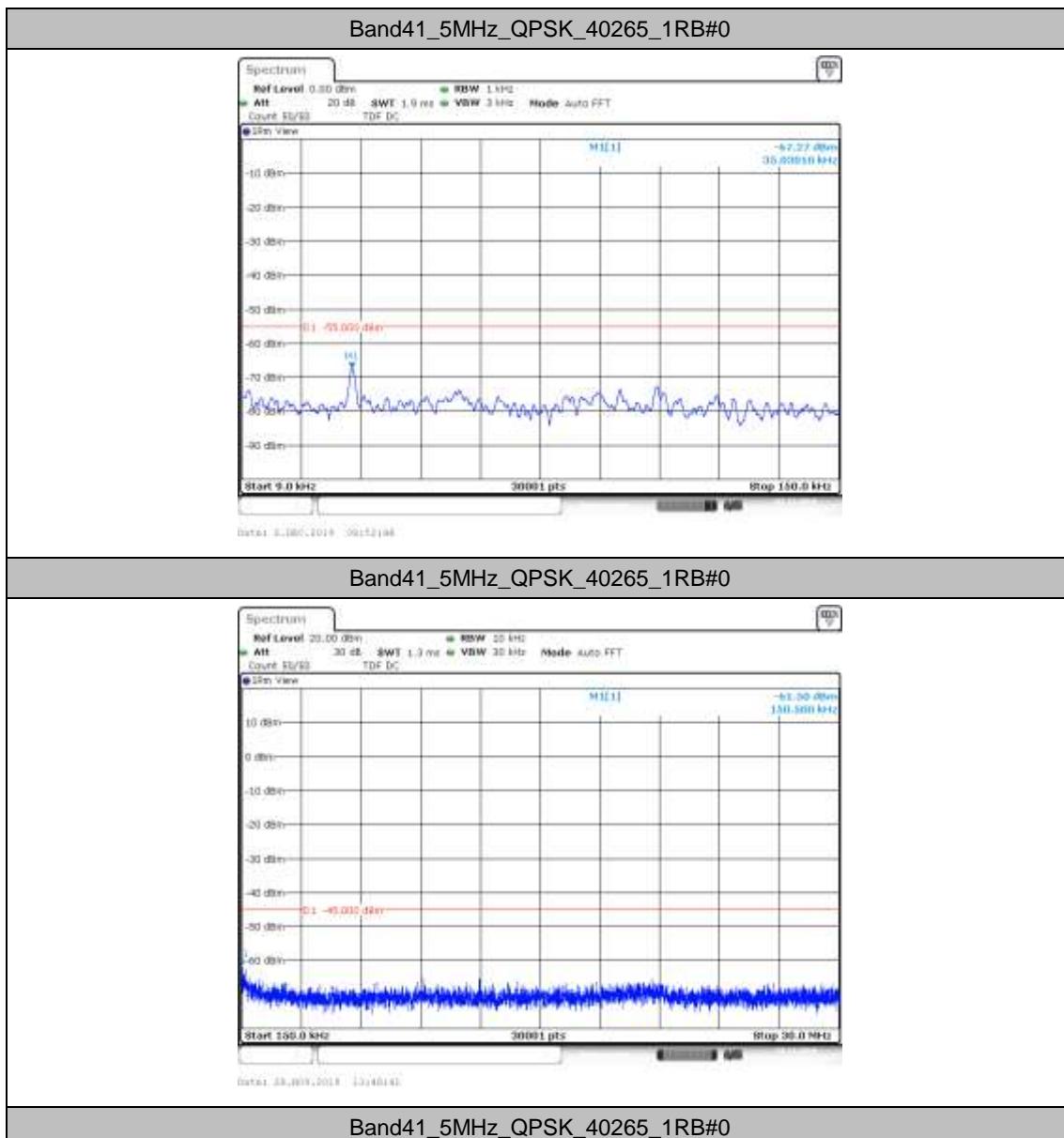
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Test Graphs



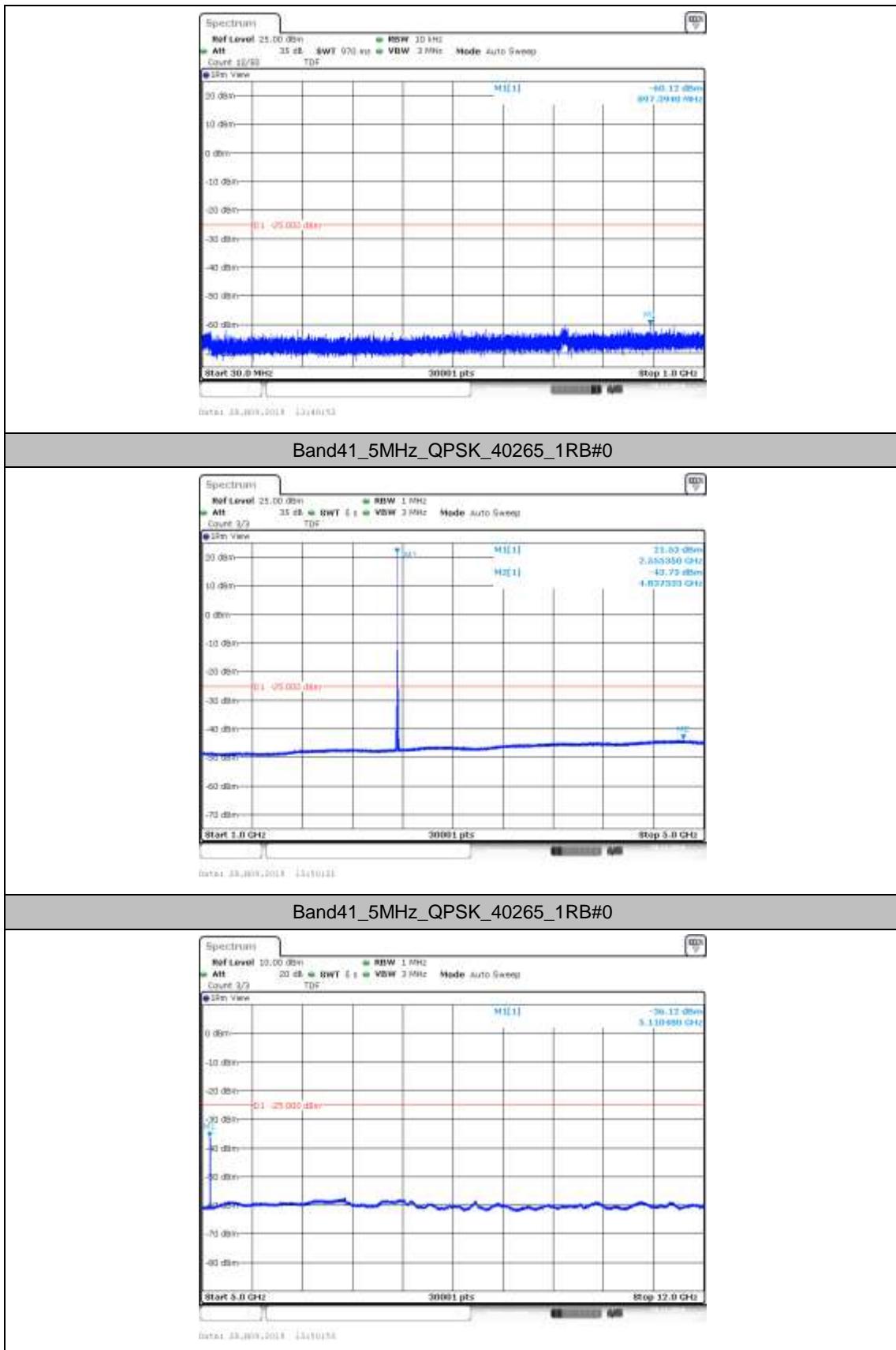
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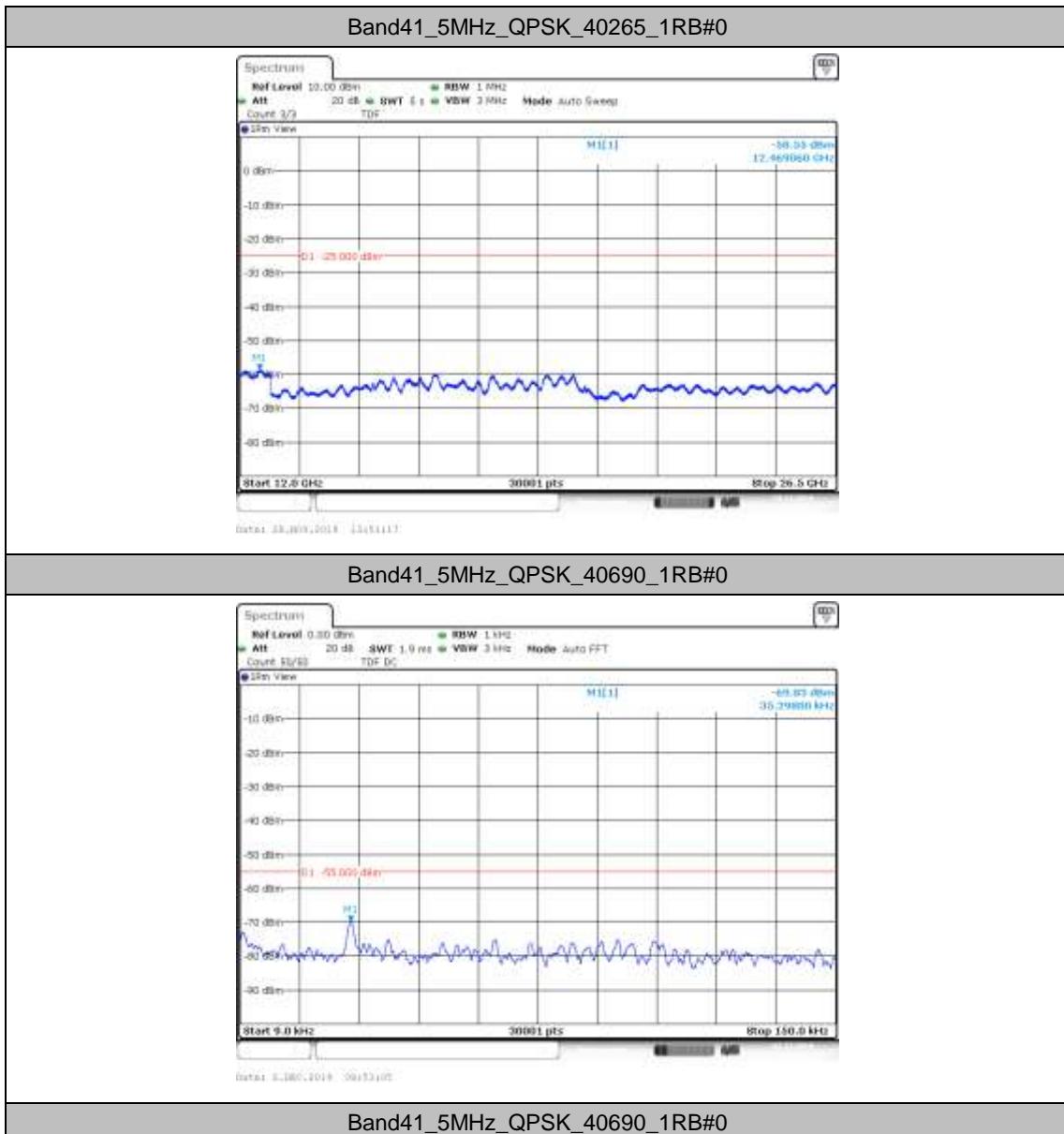
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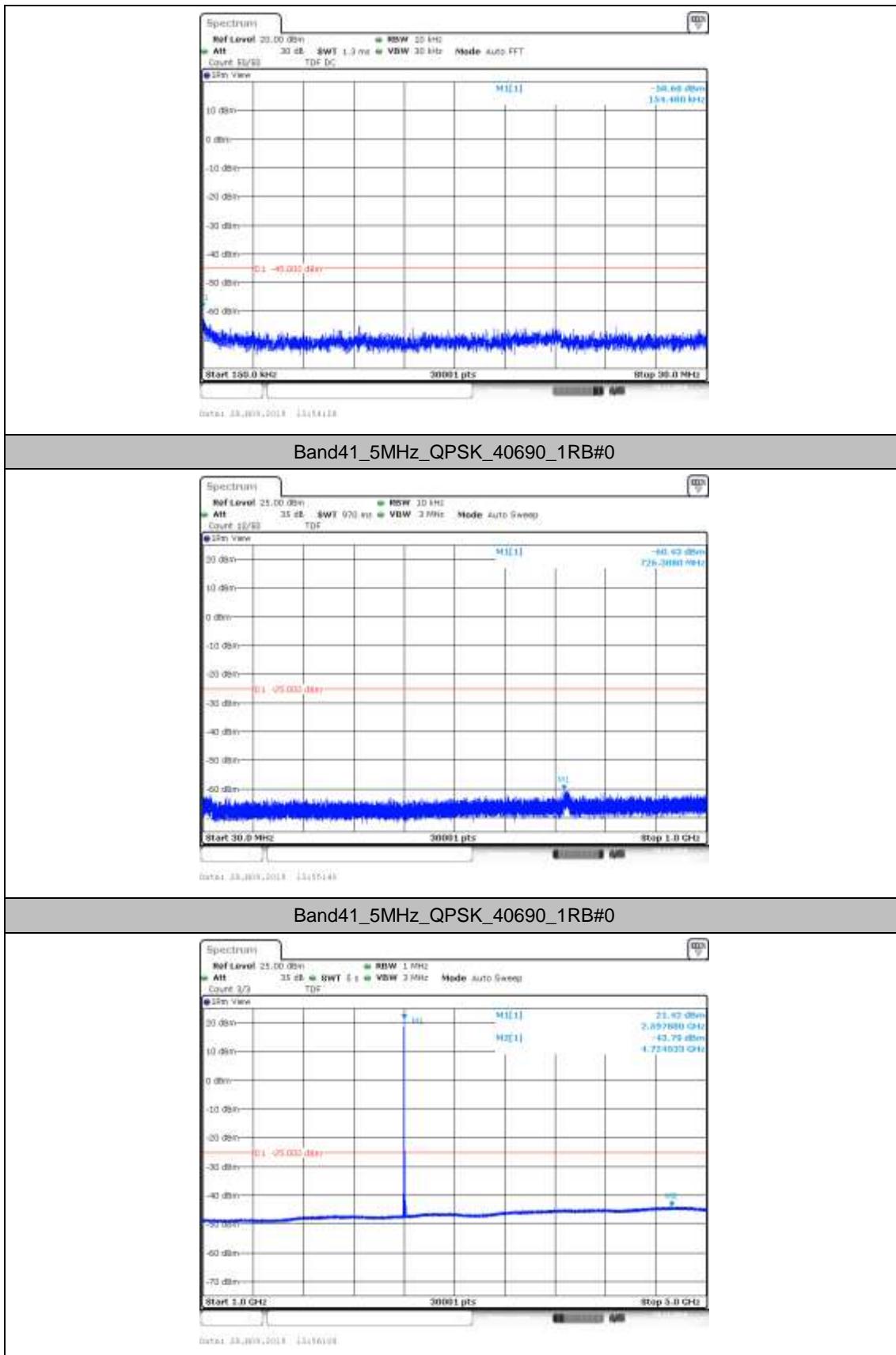
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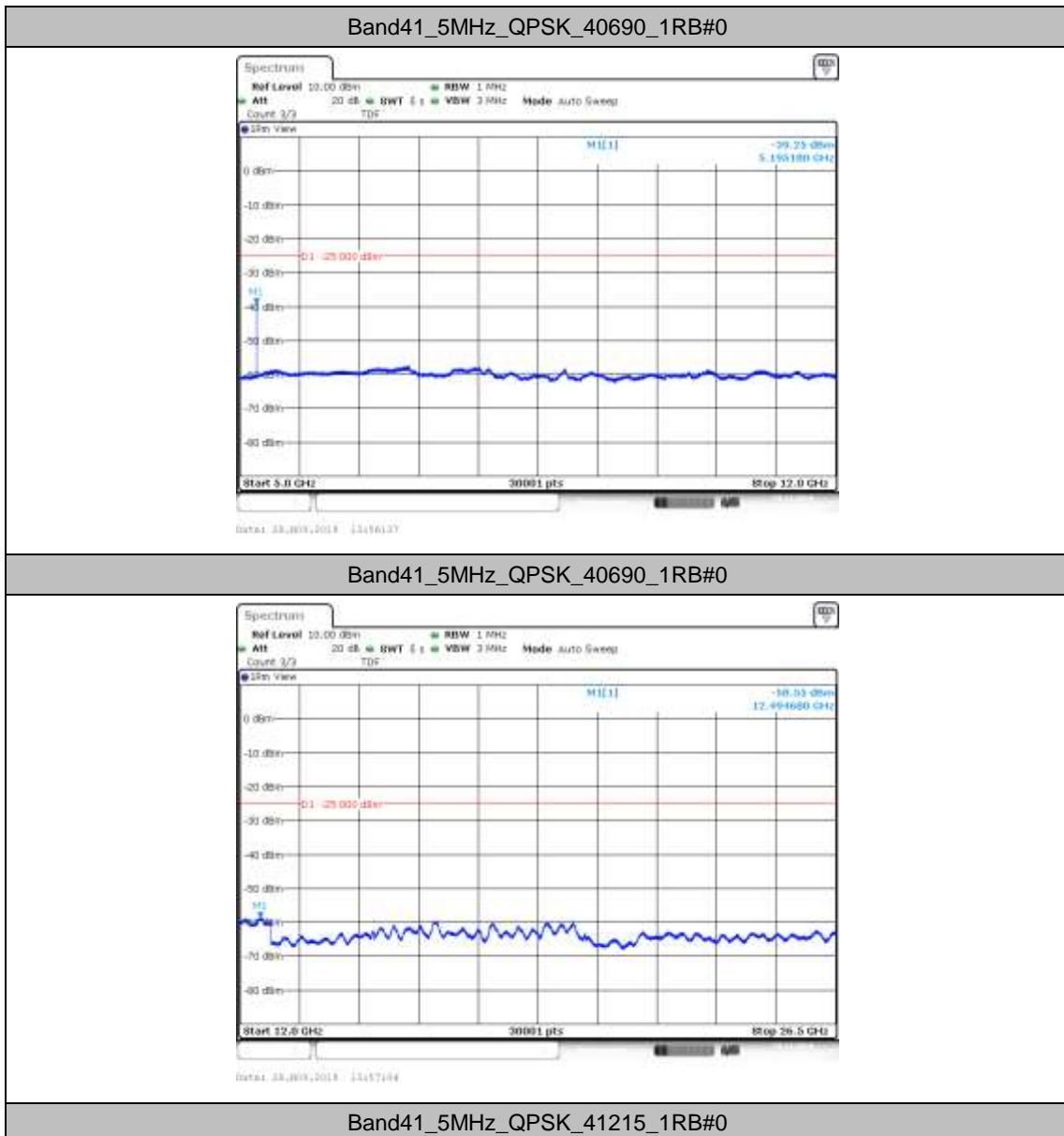
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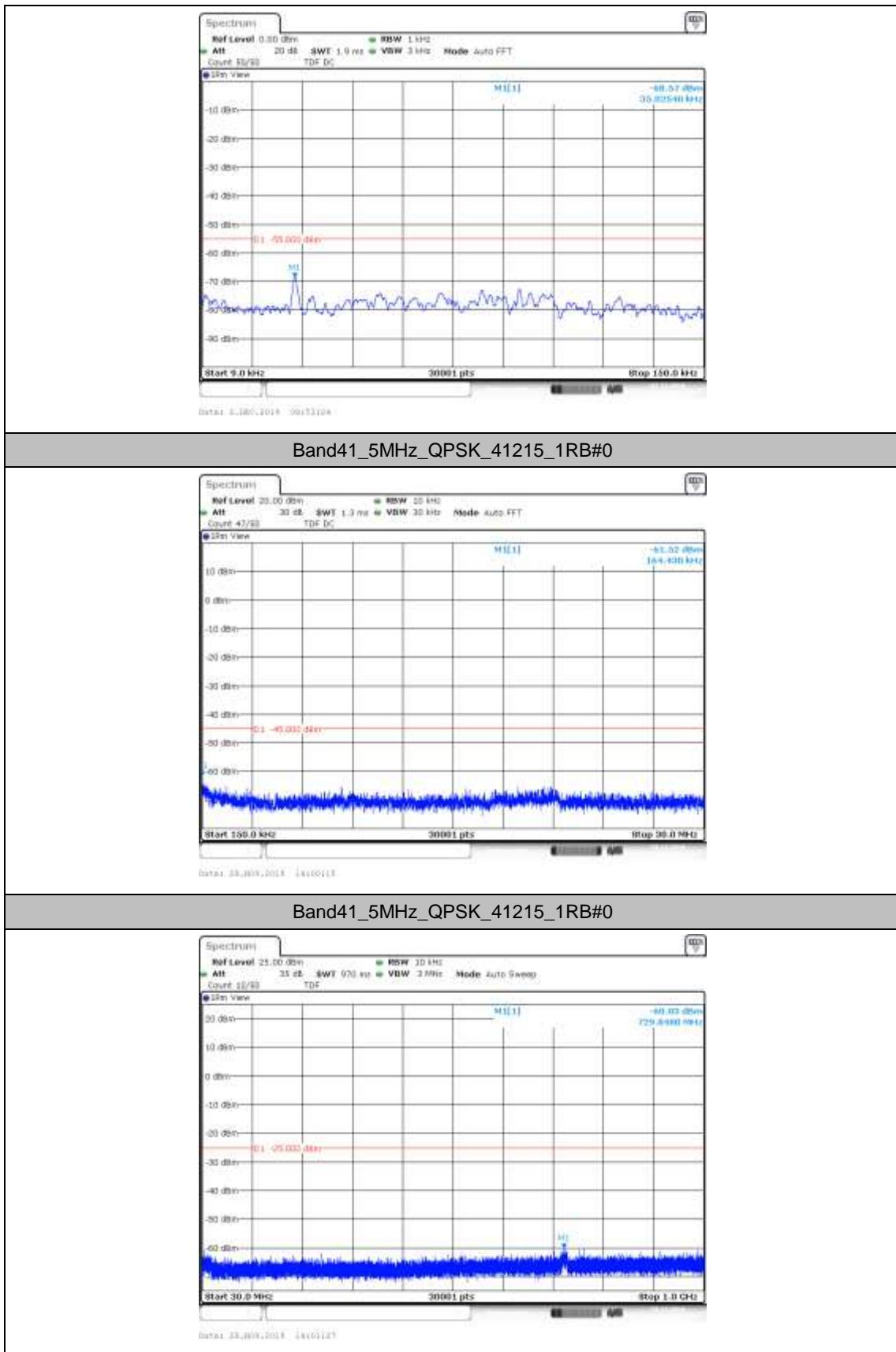
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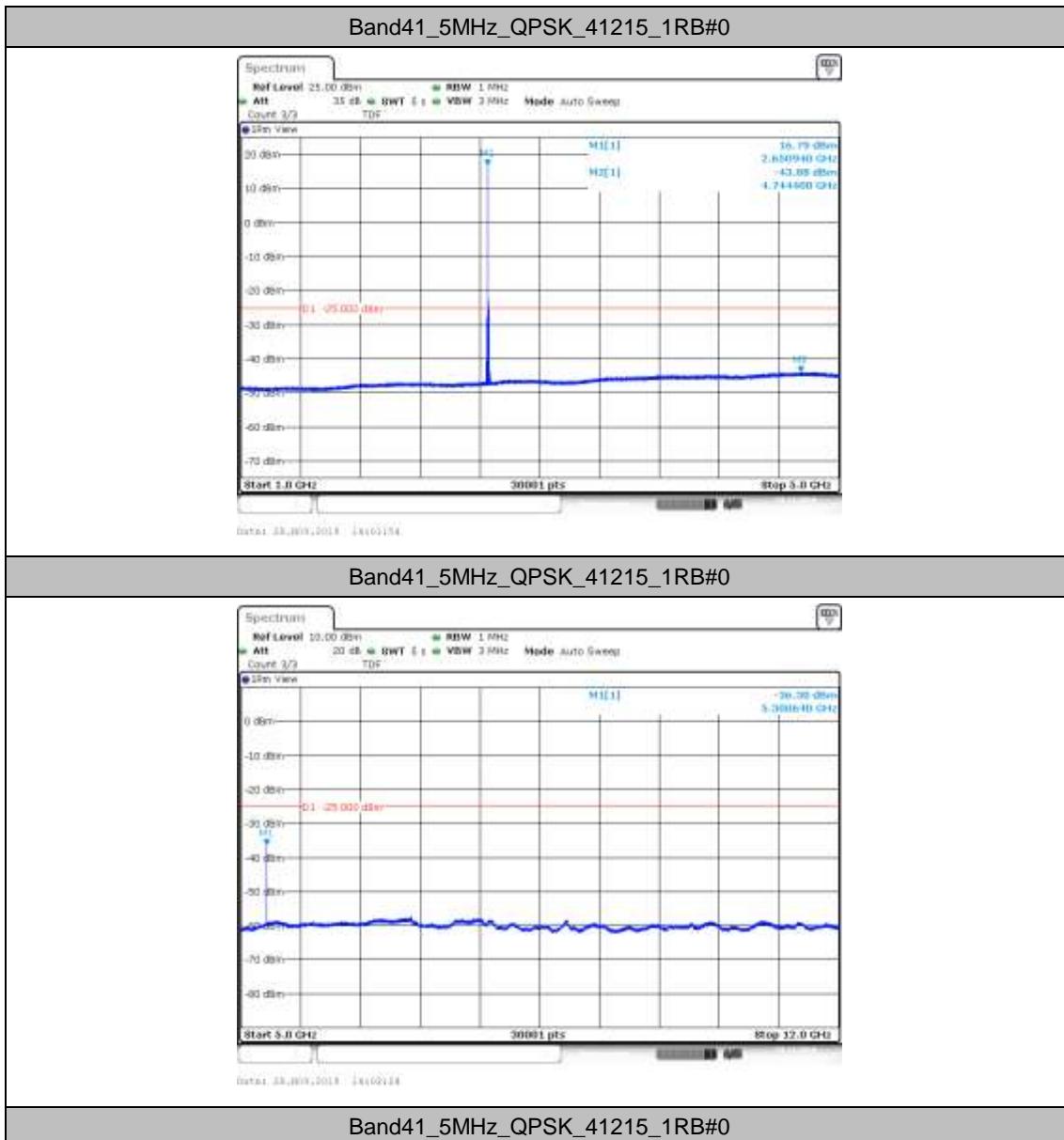
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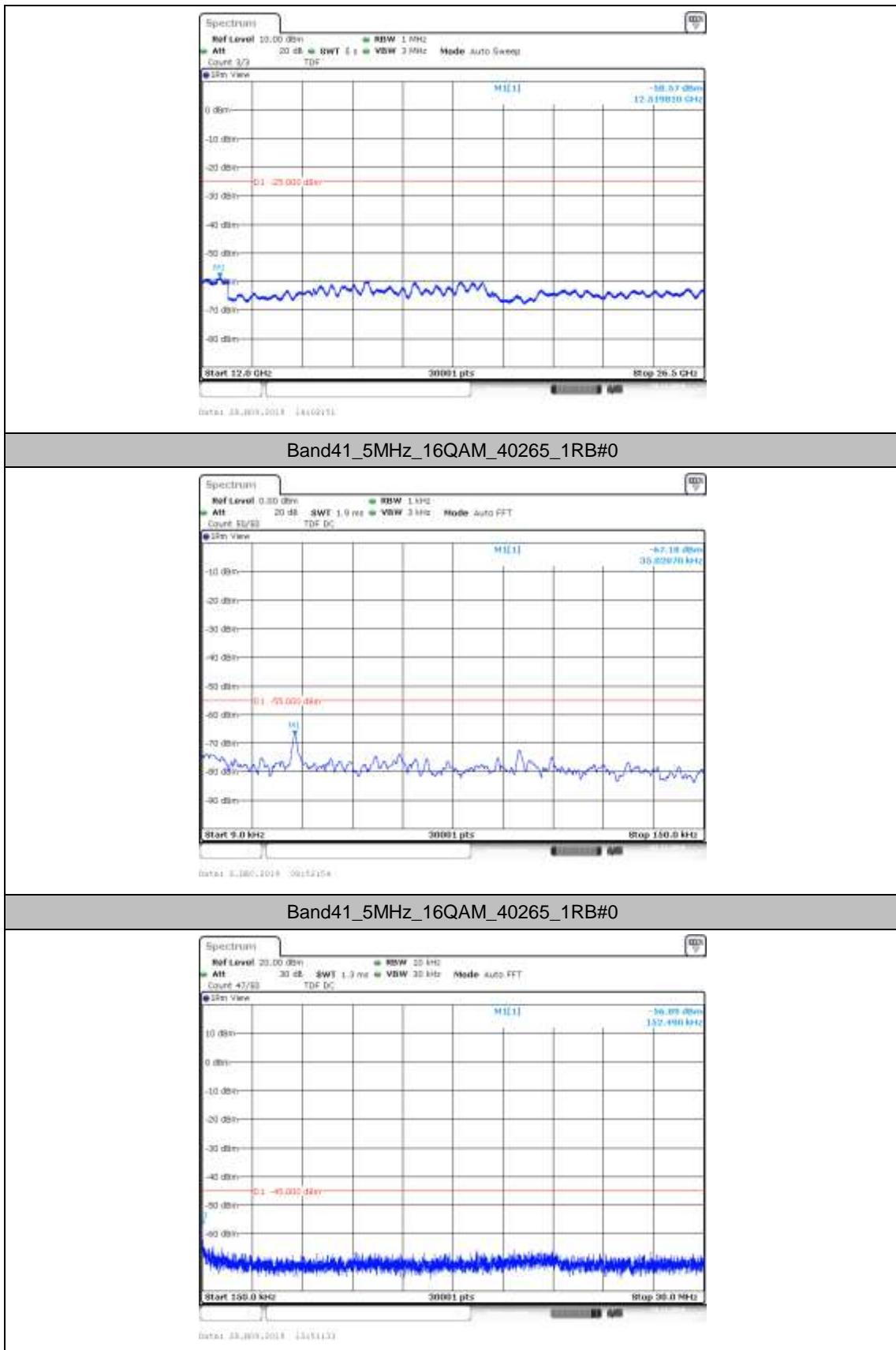
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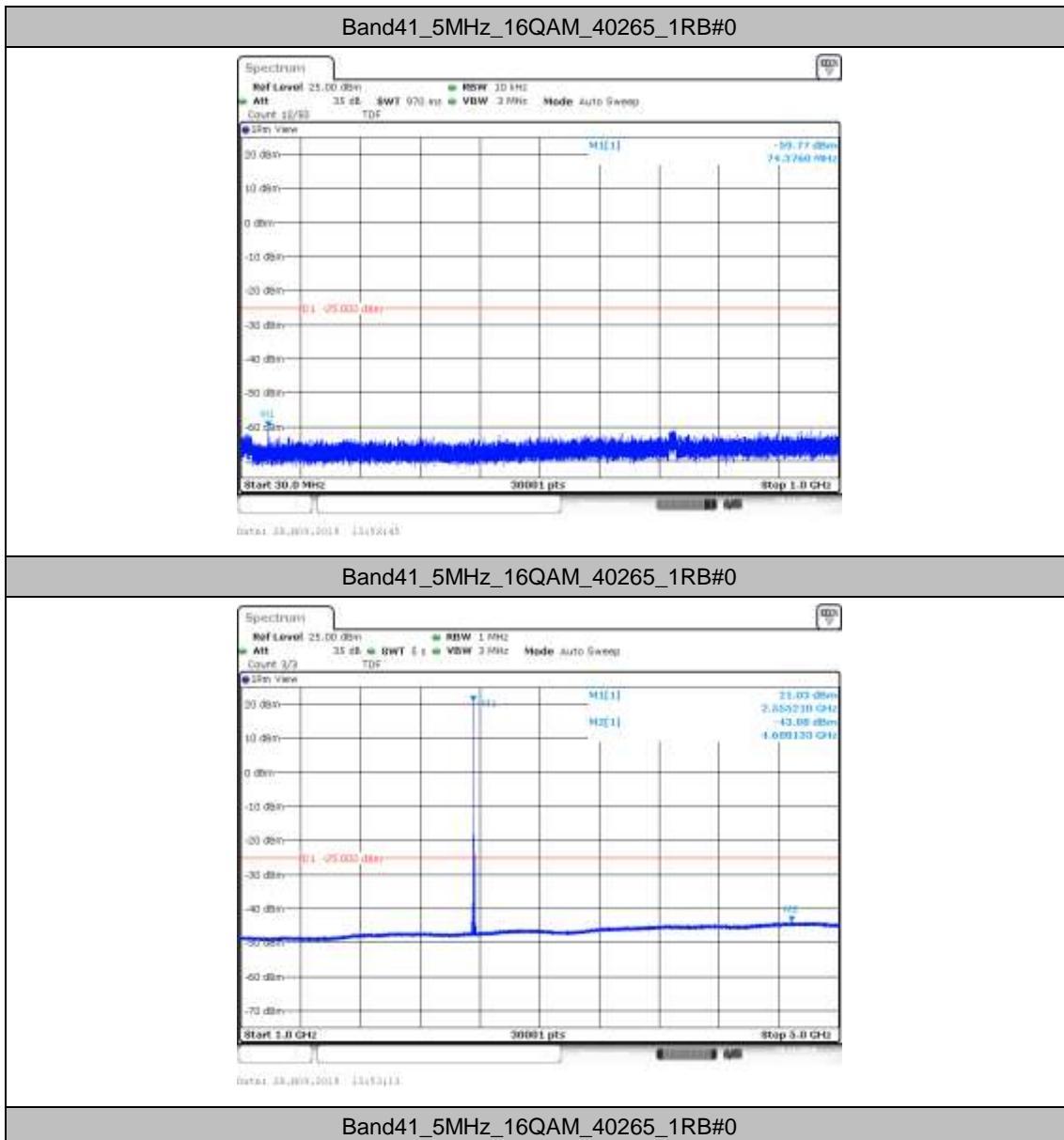
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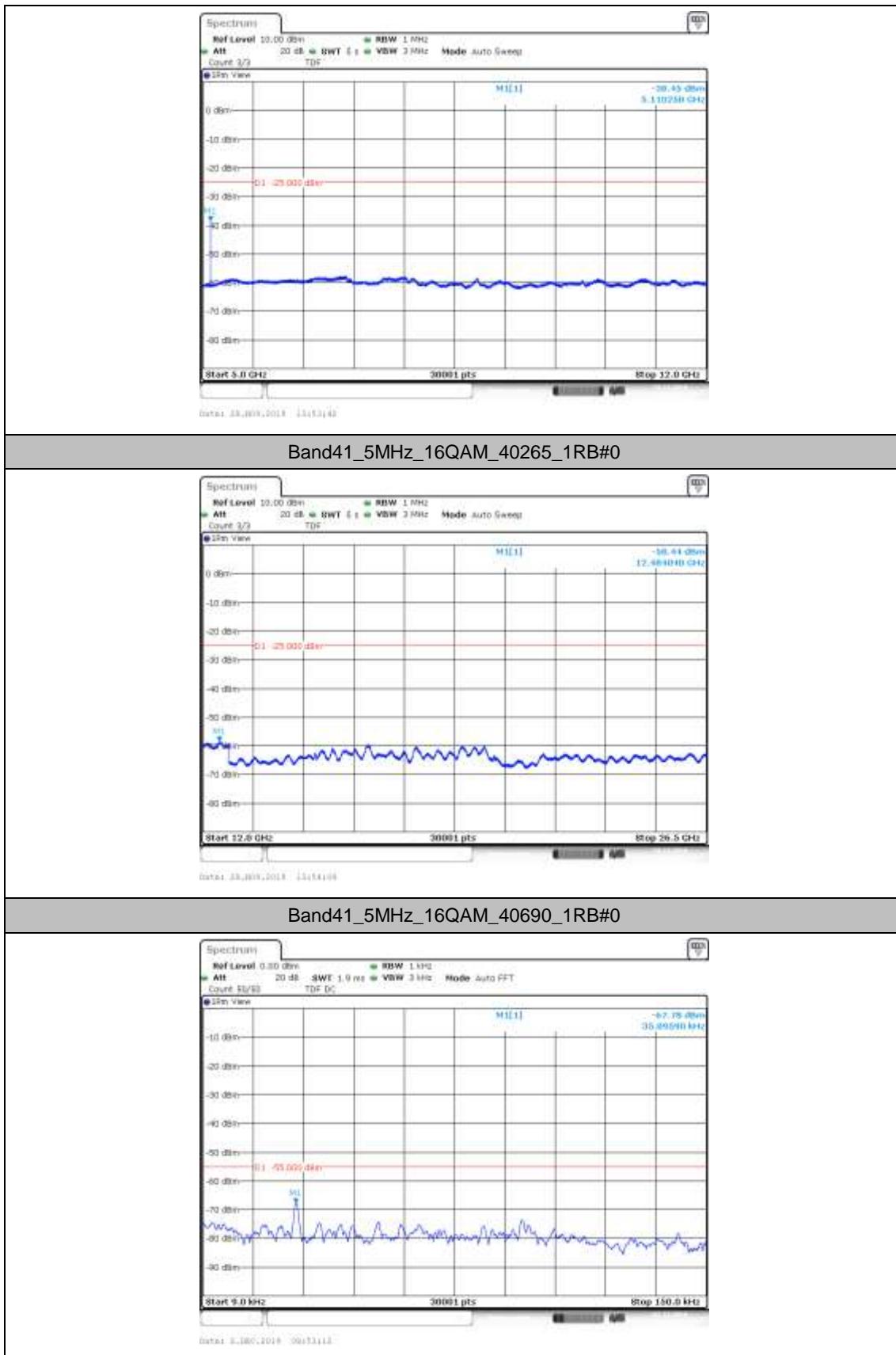
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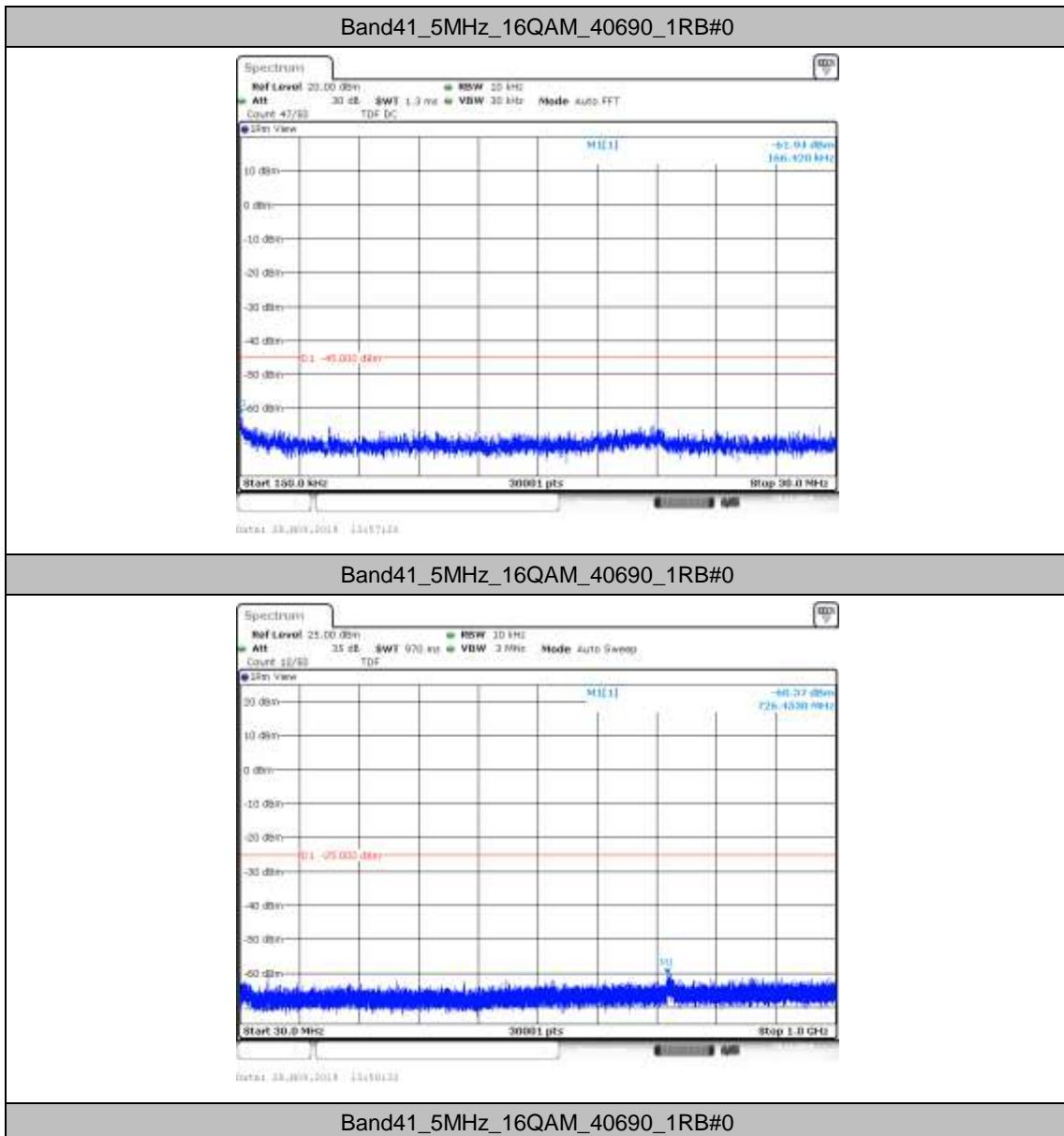
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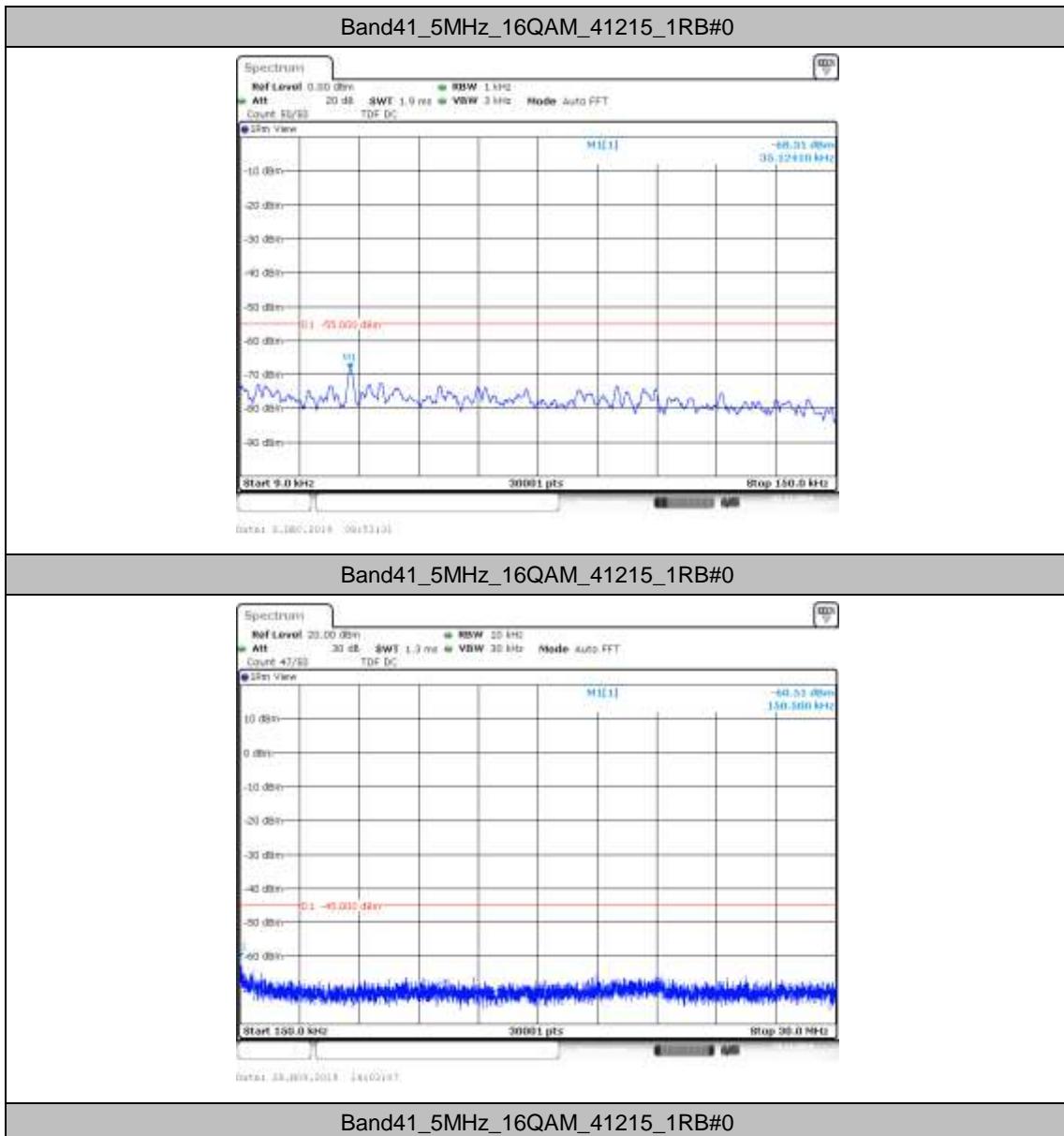
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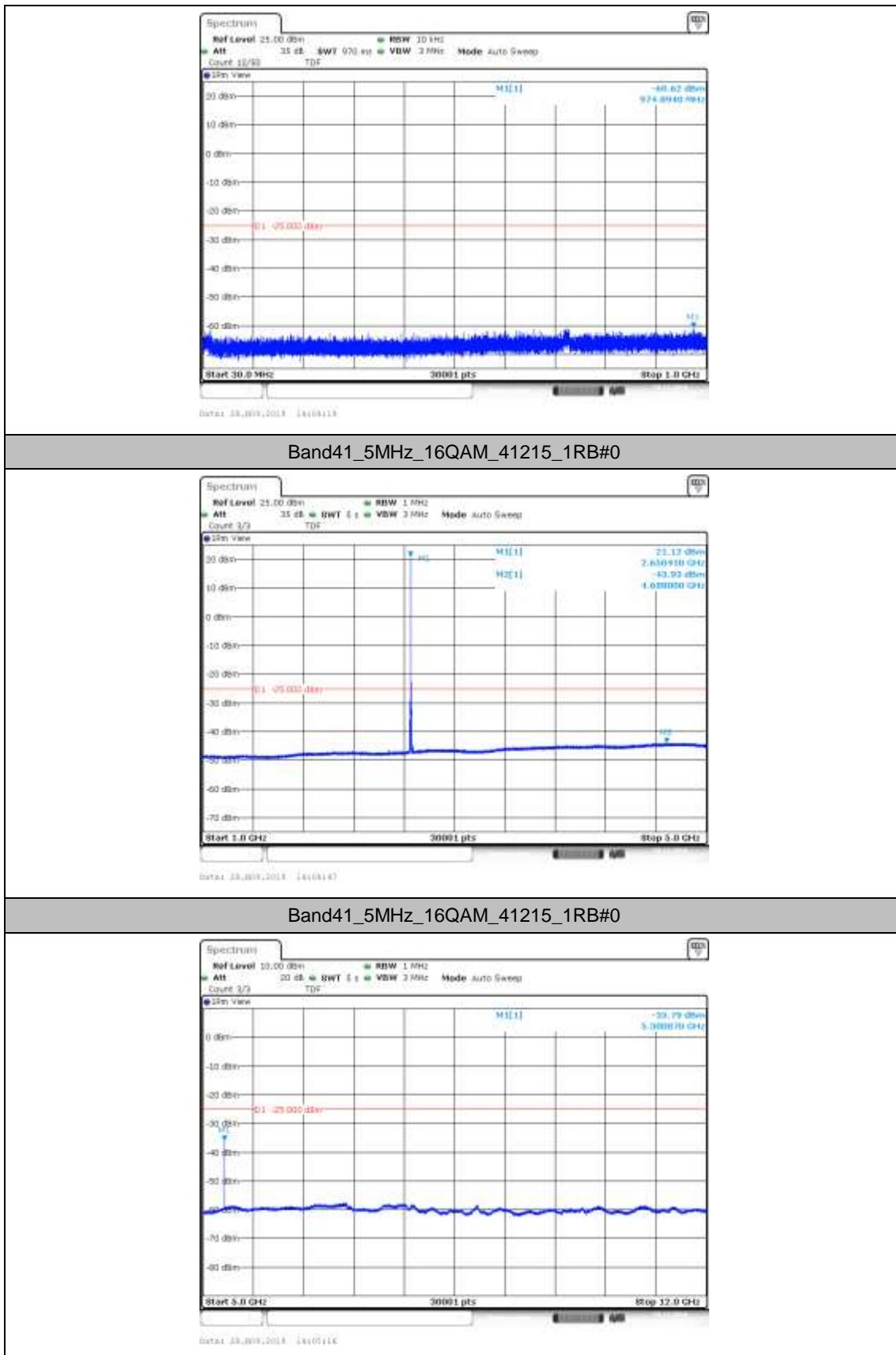
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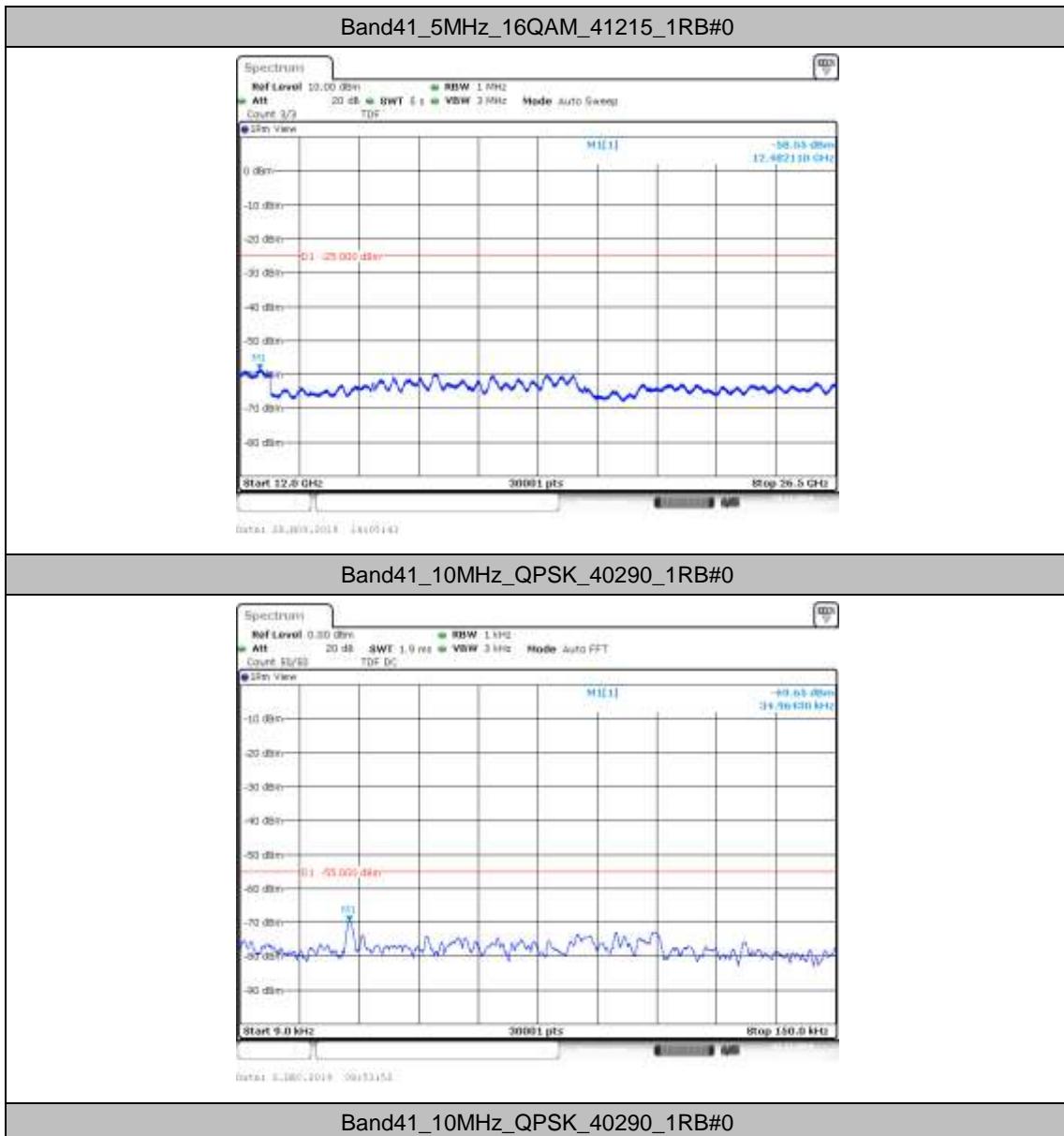
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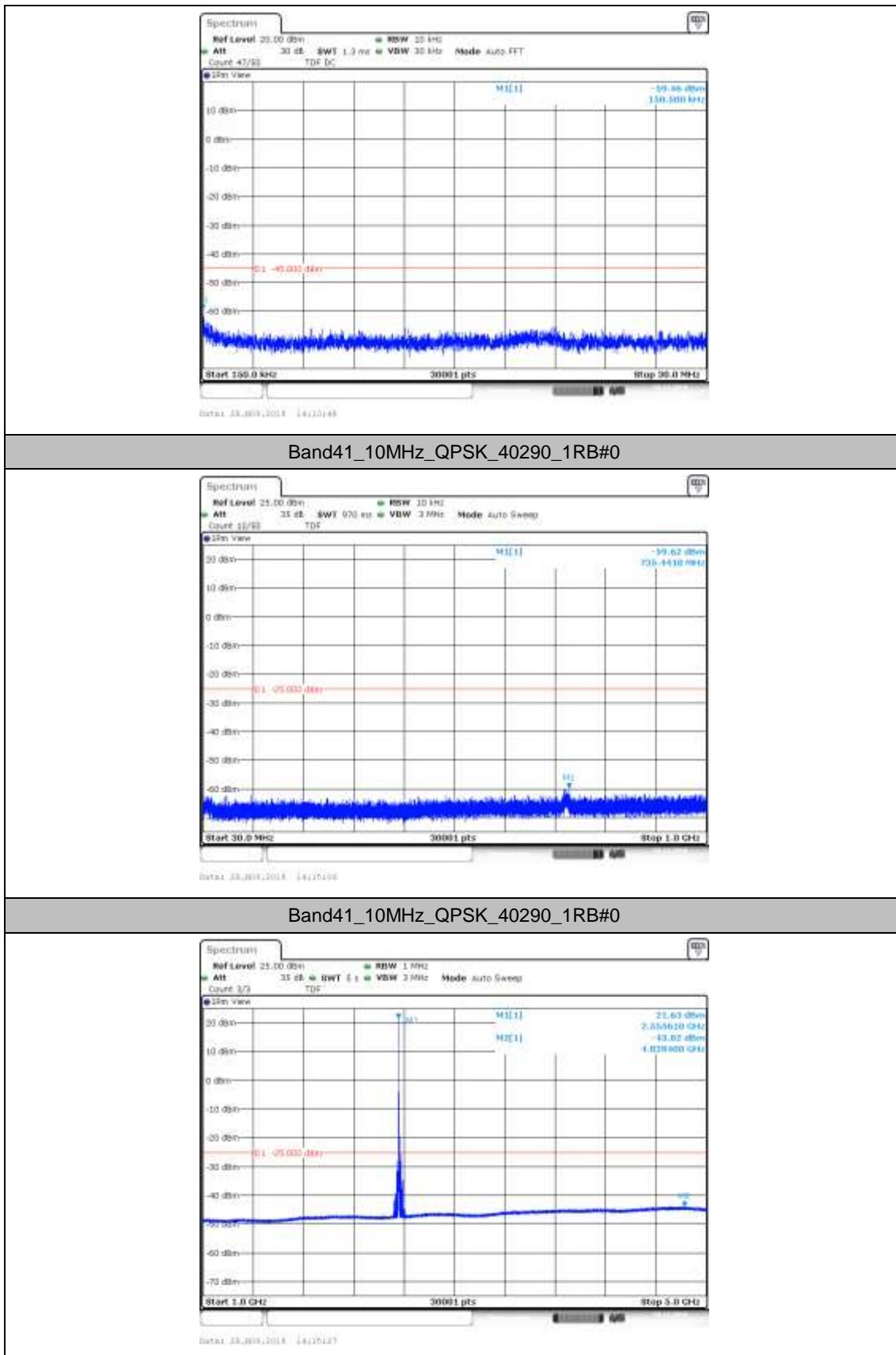
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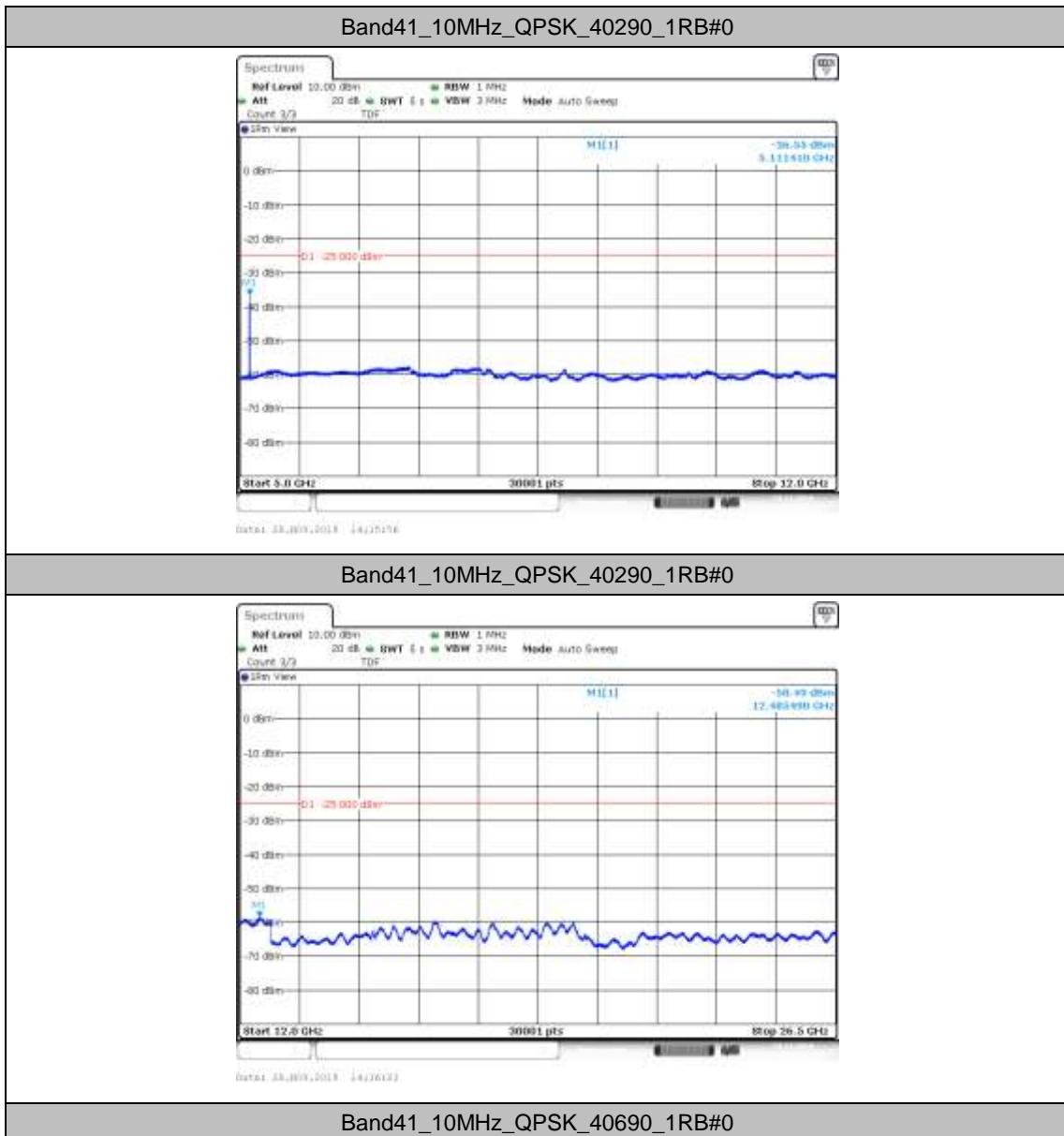
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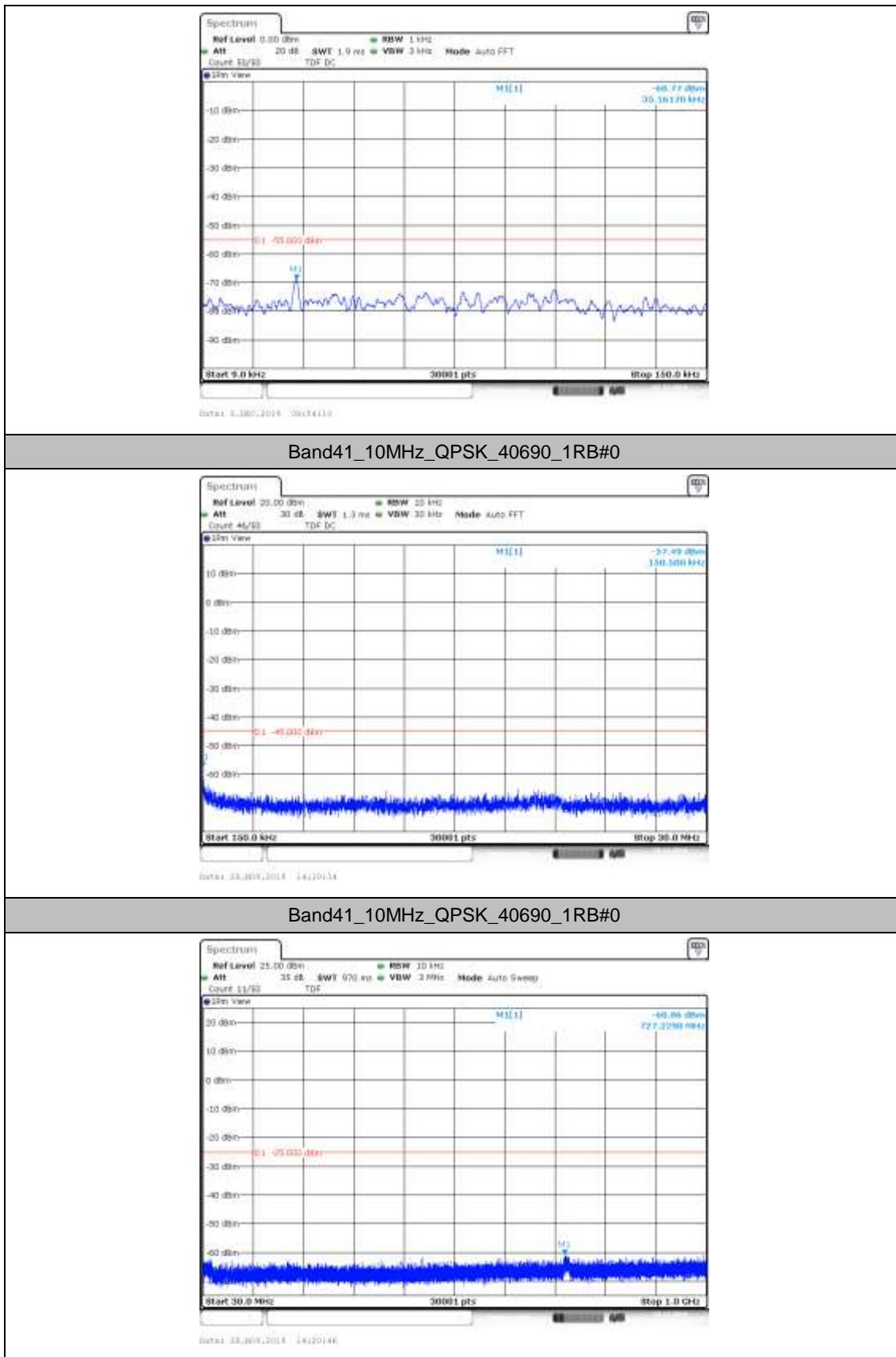
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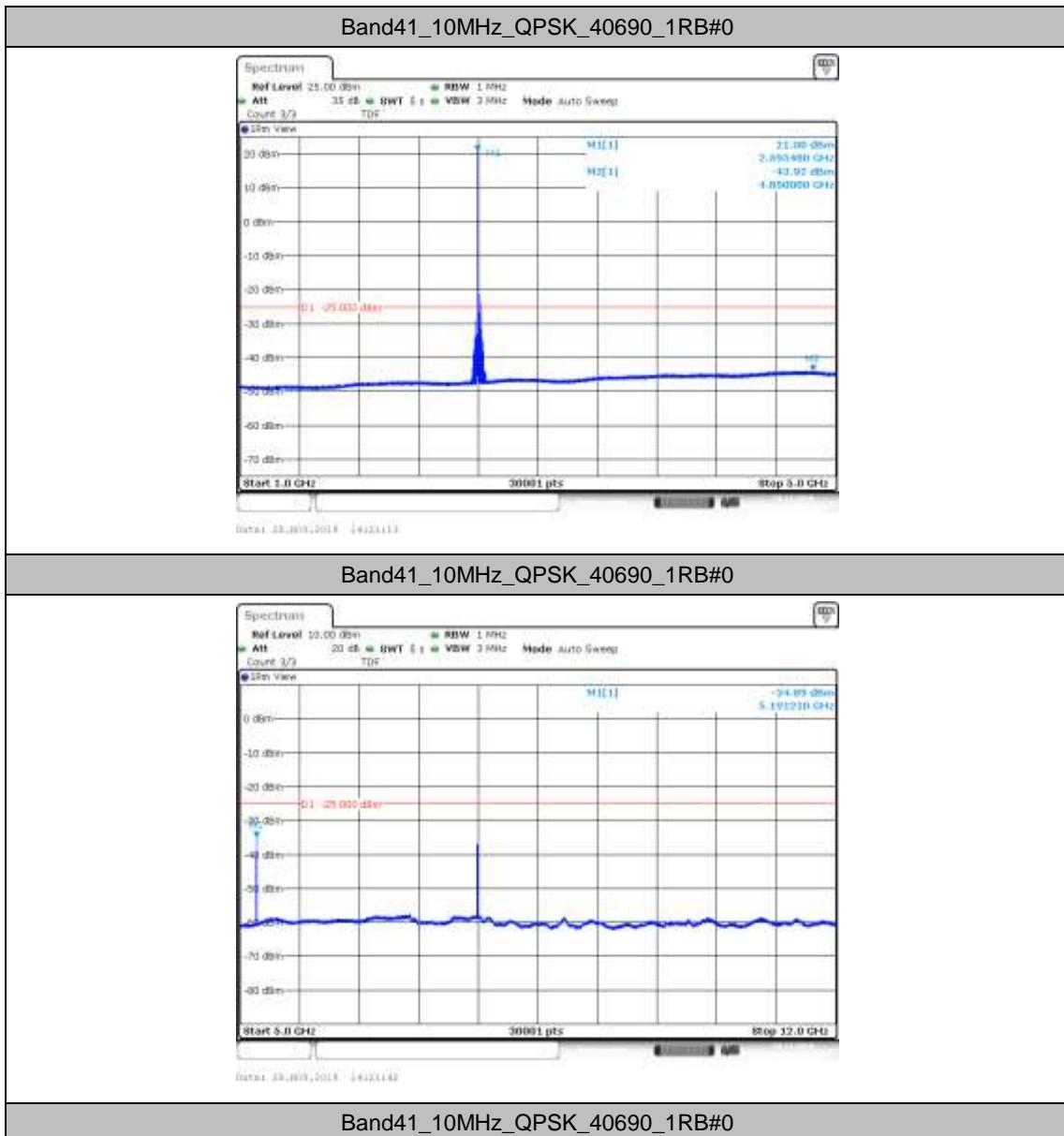
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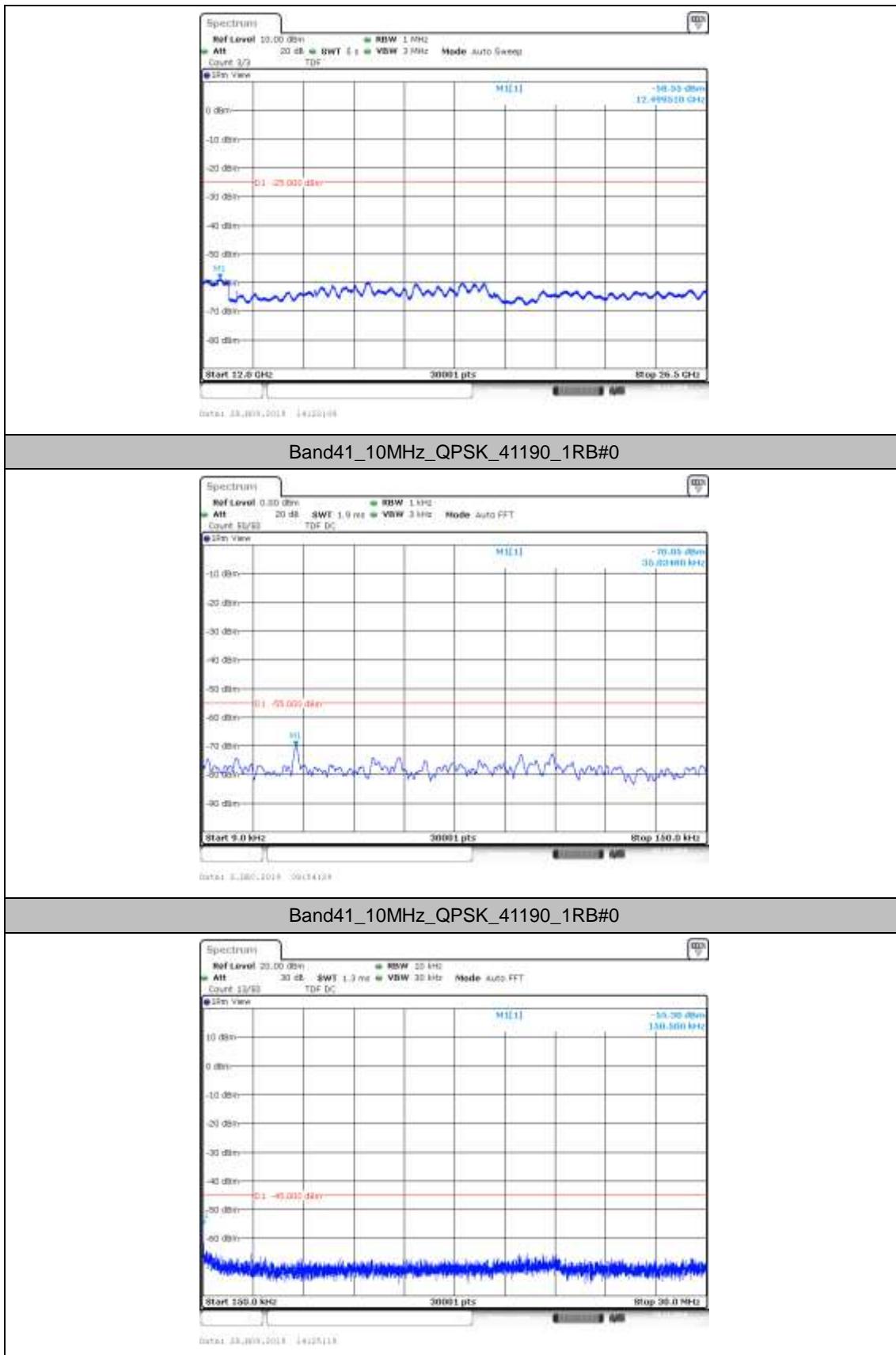
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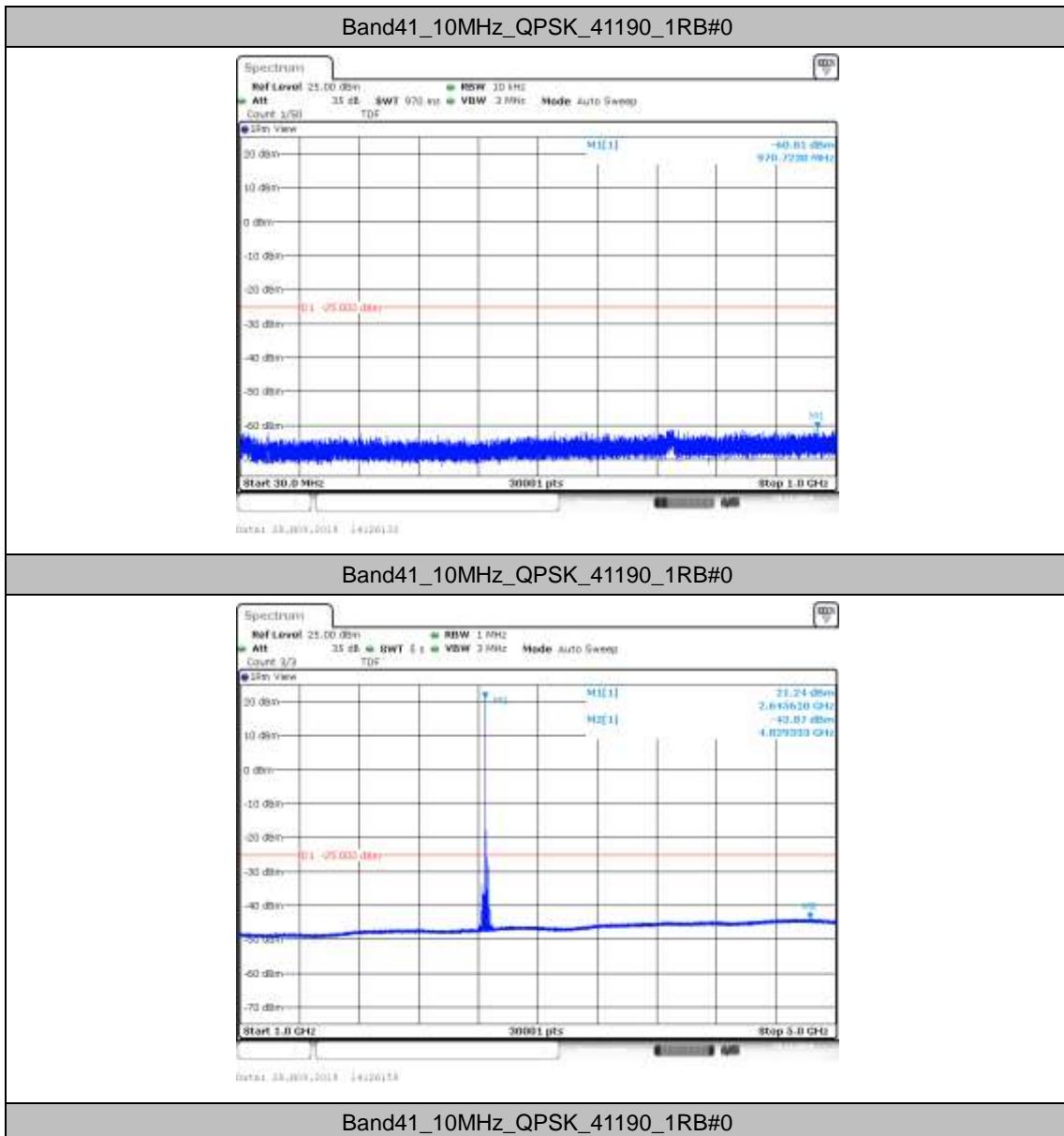
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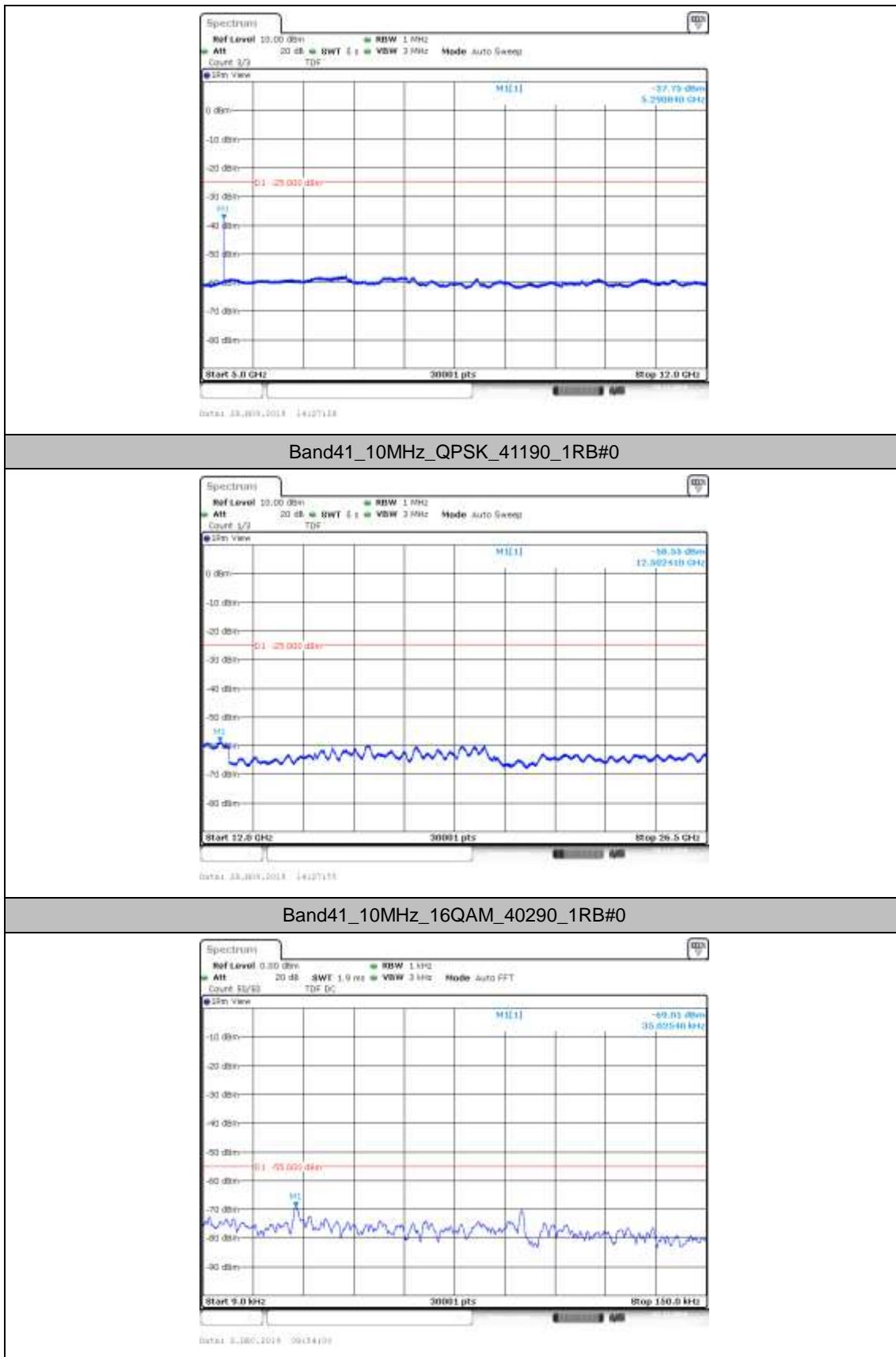
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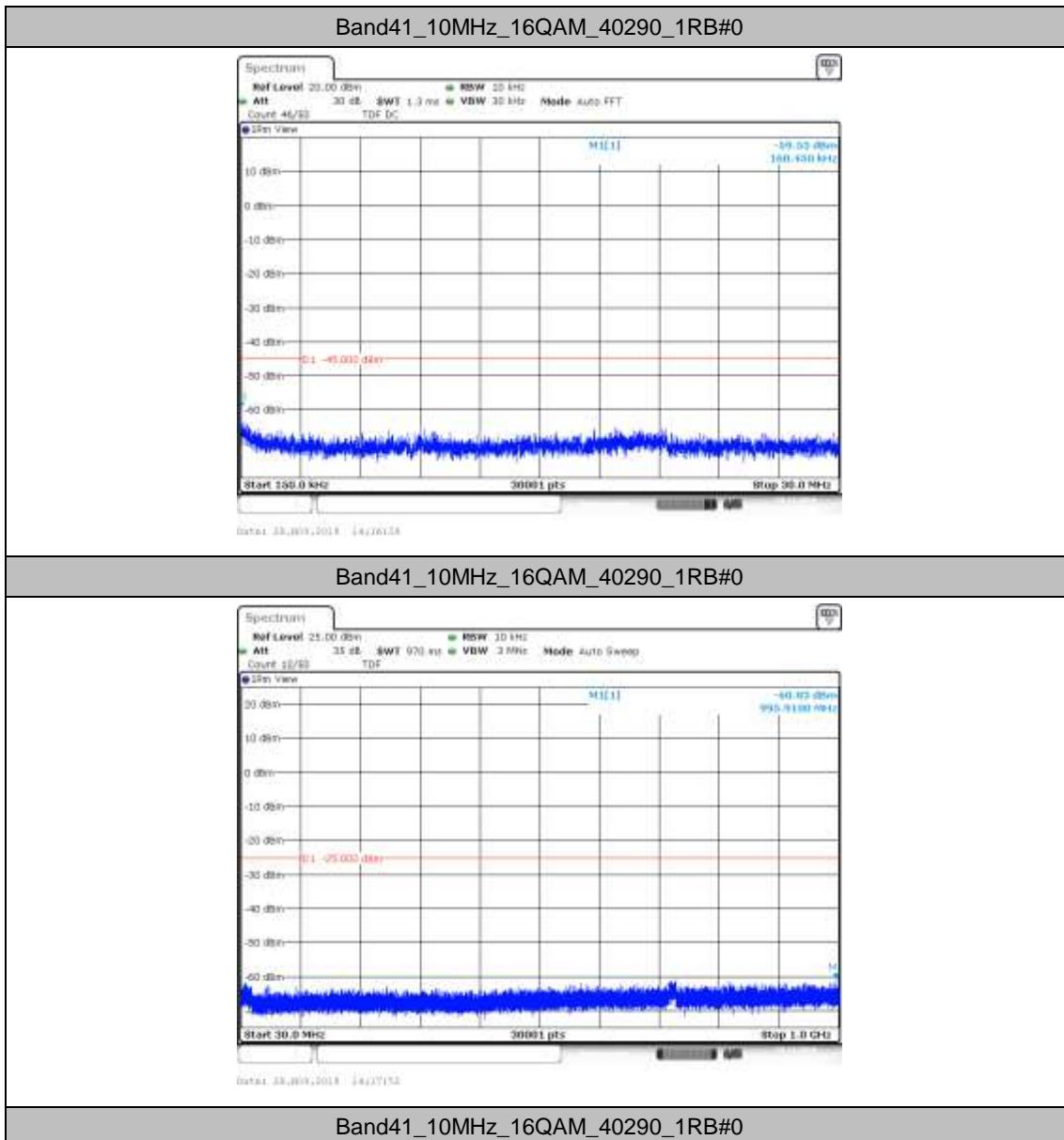
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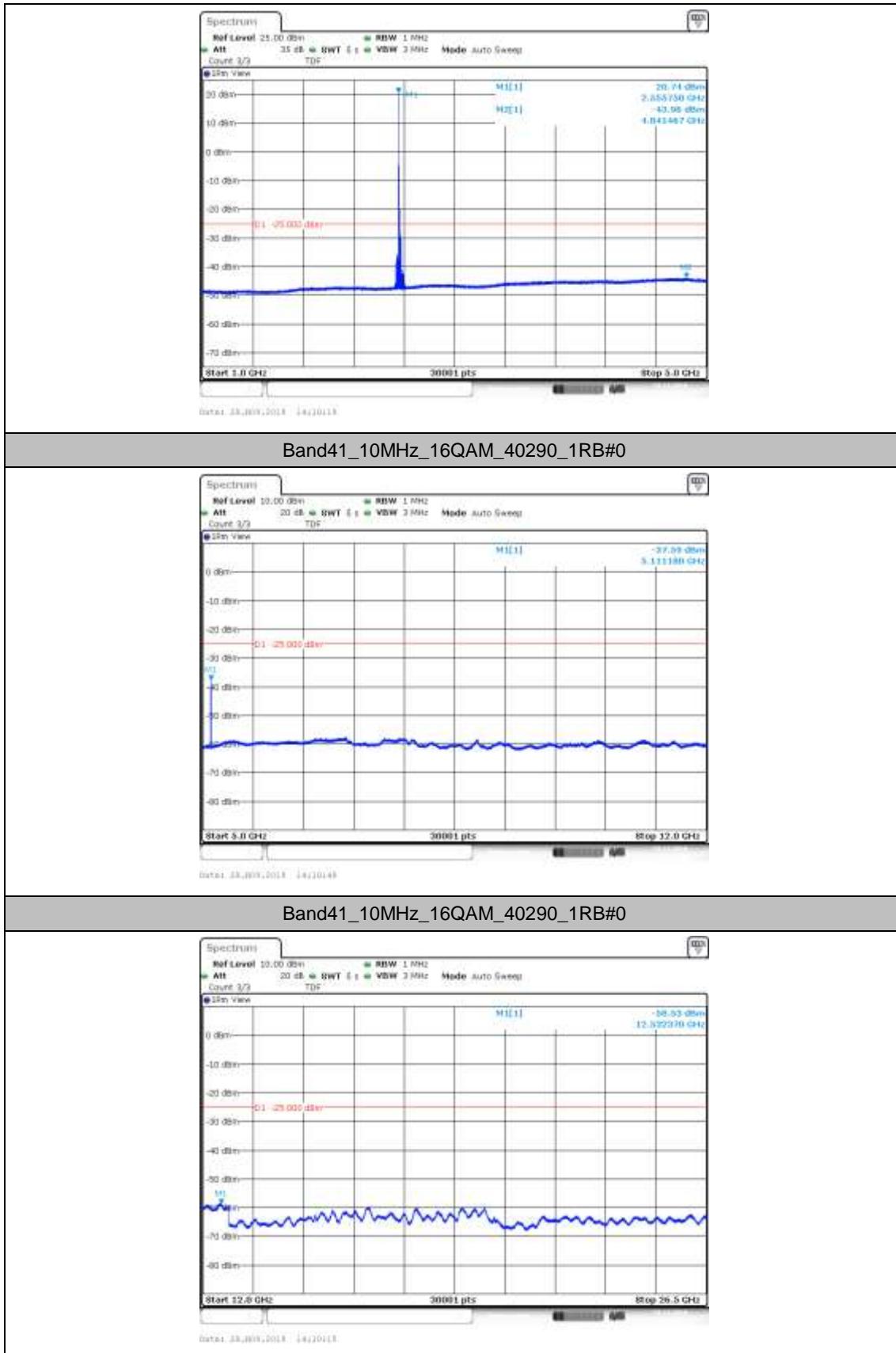
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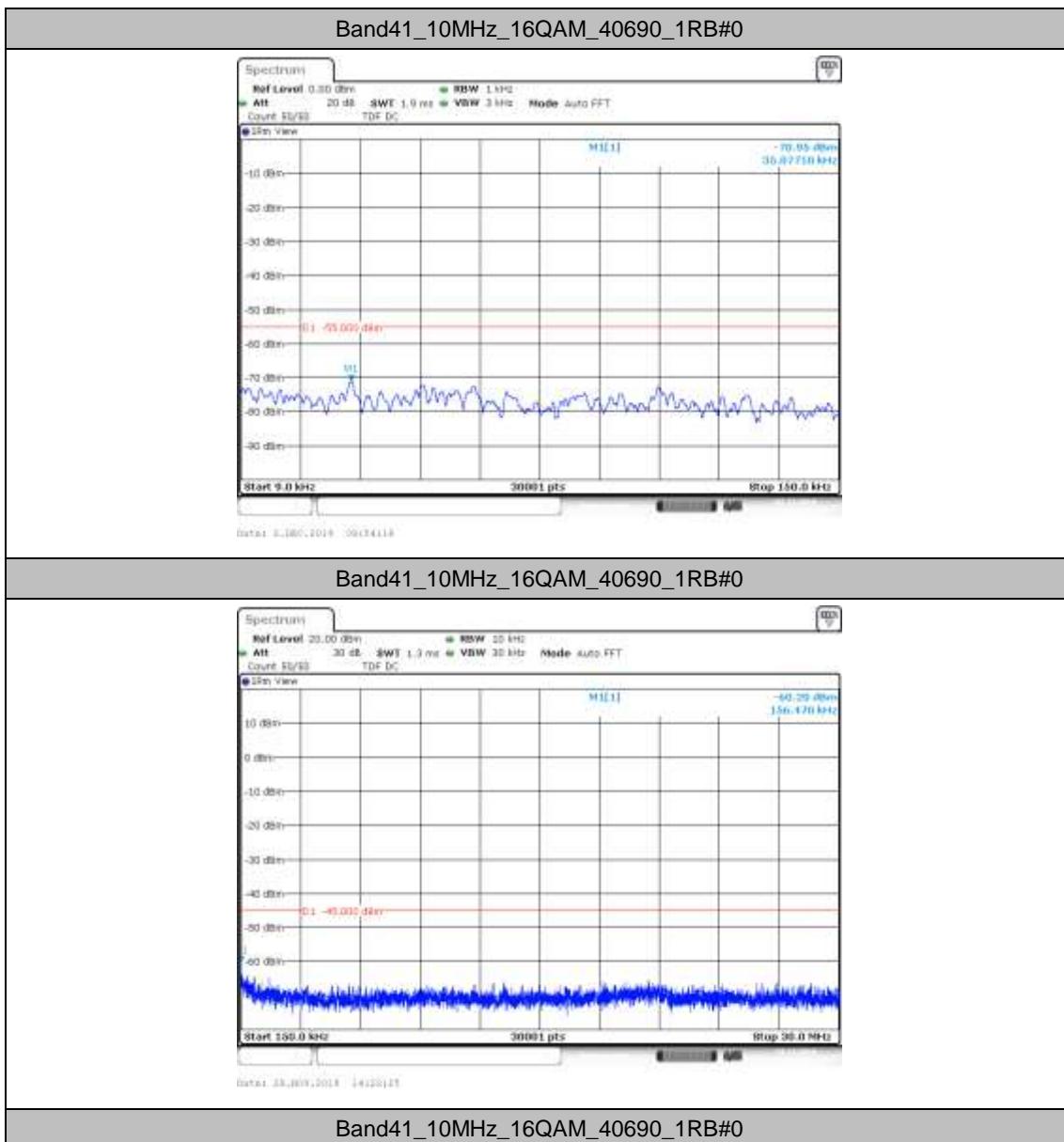
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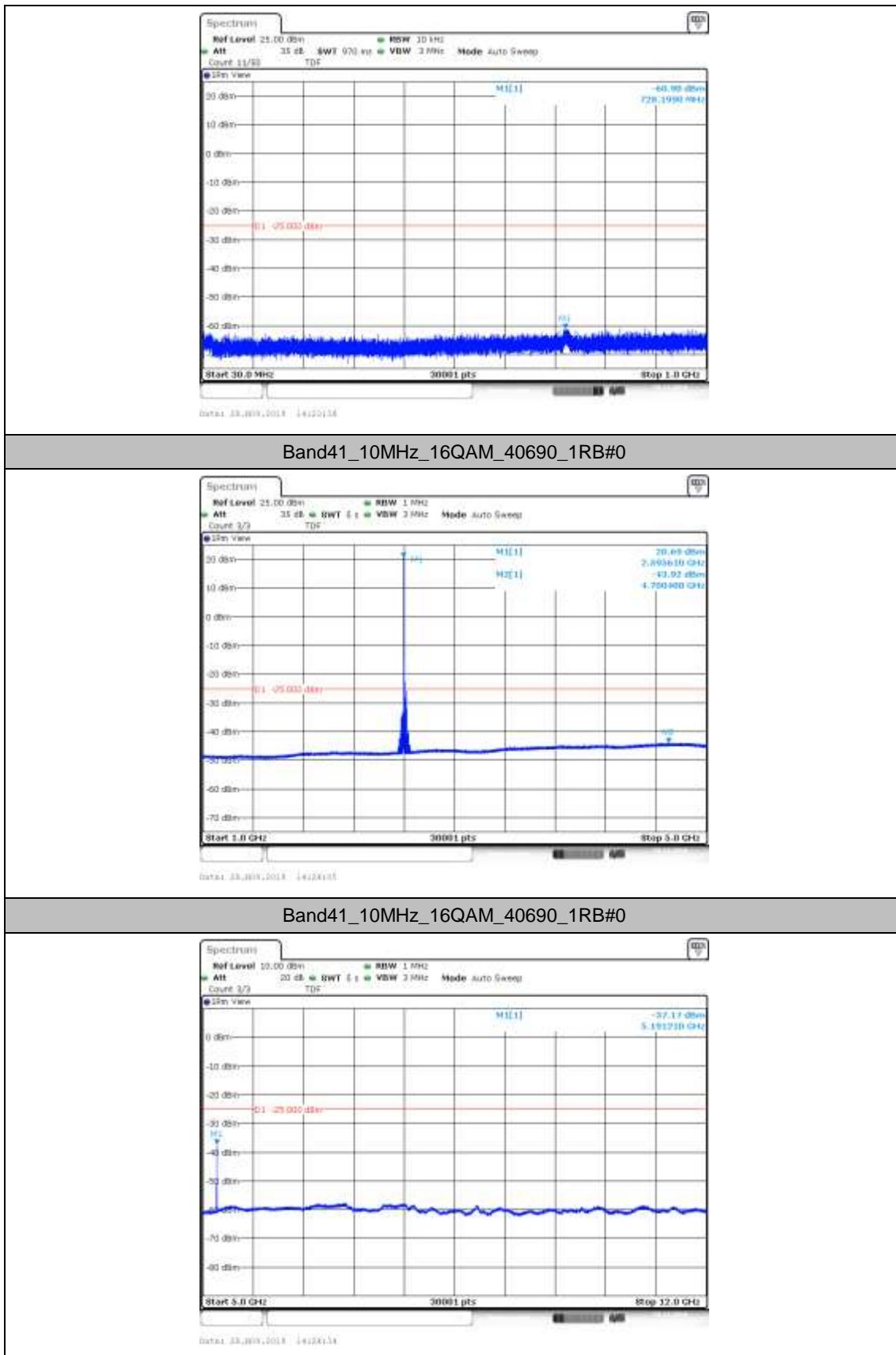
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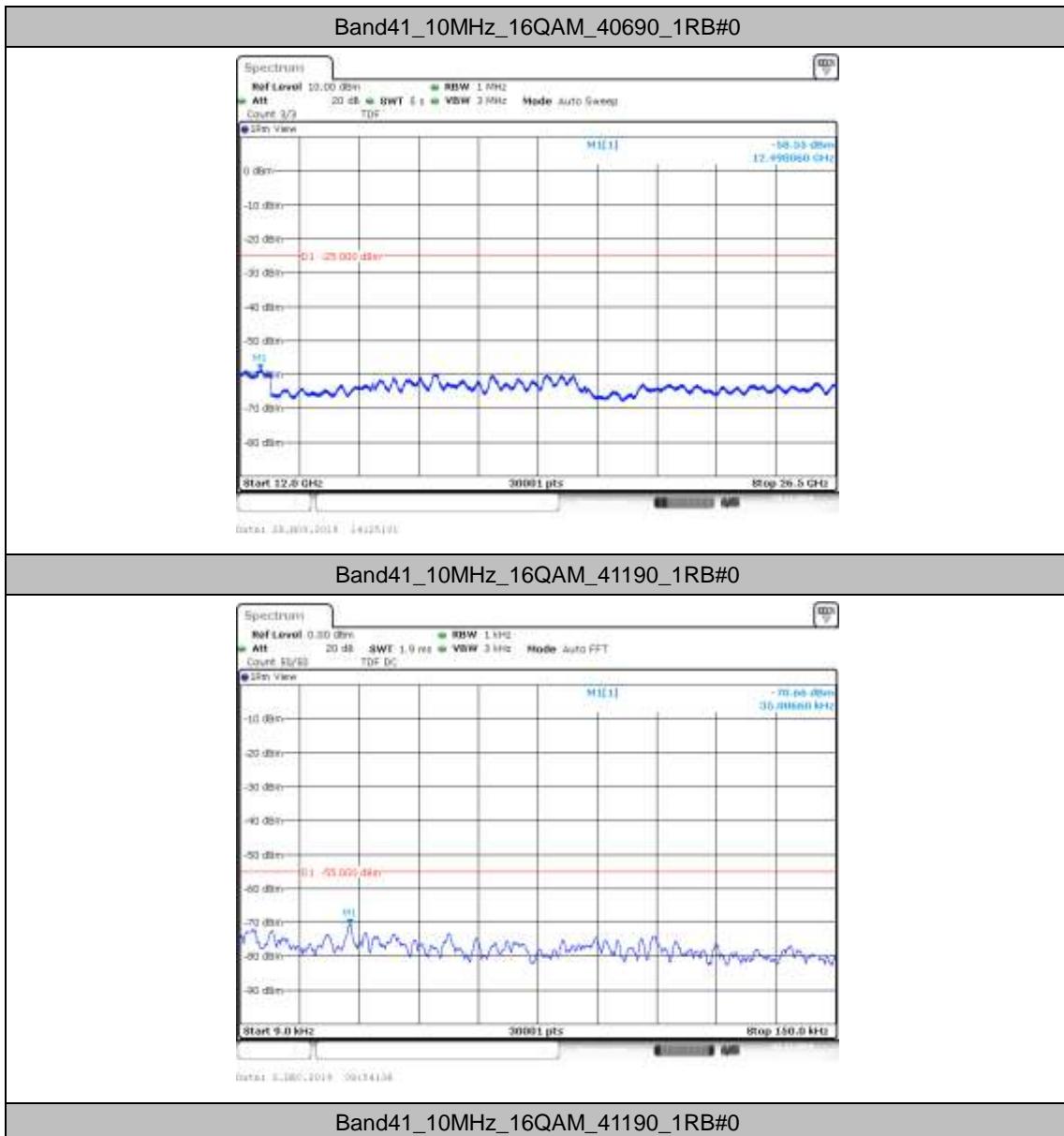
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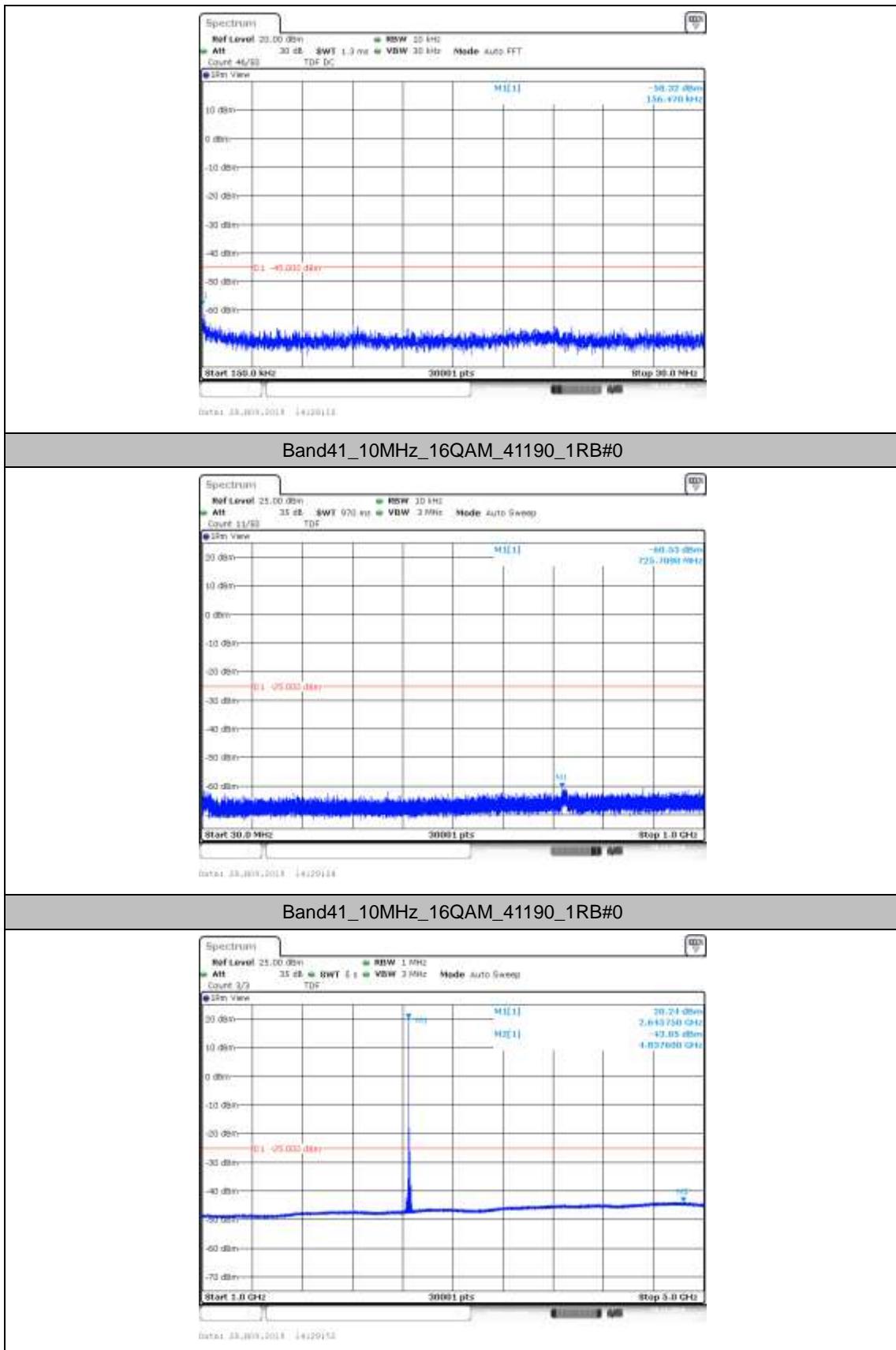
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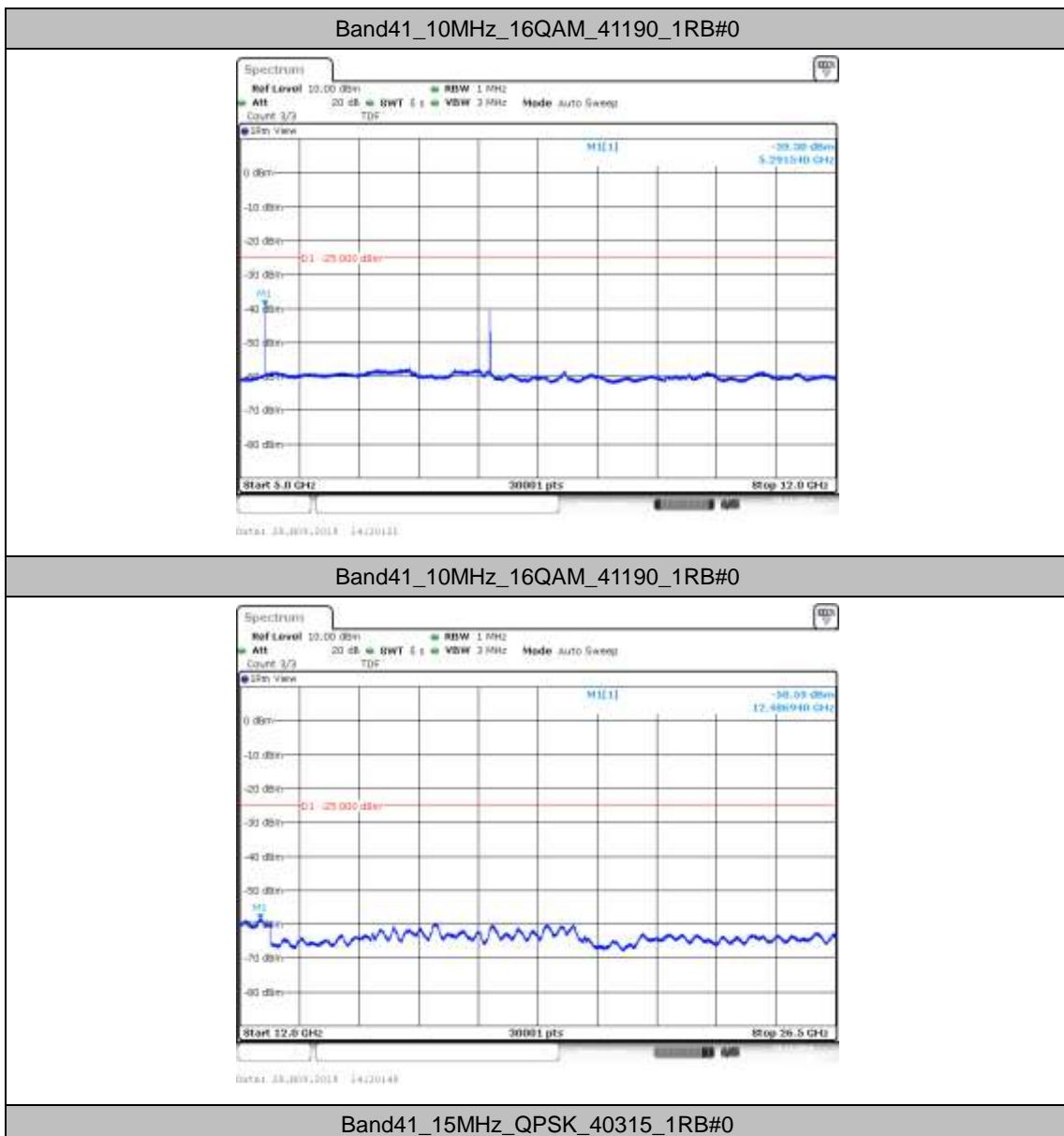
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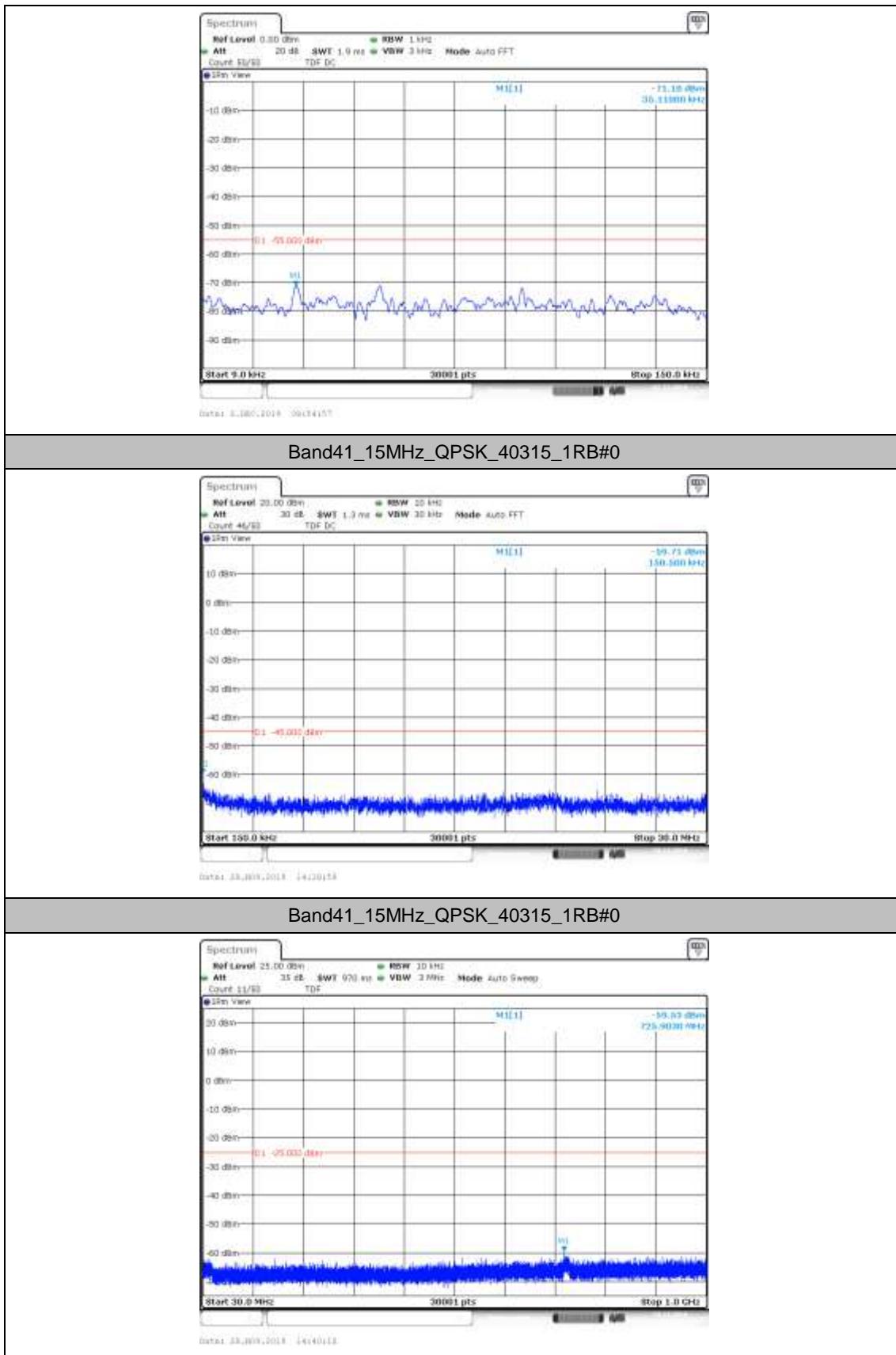
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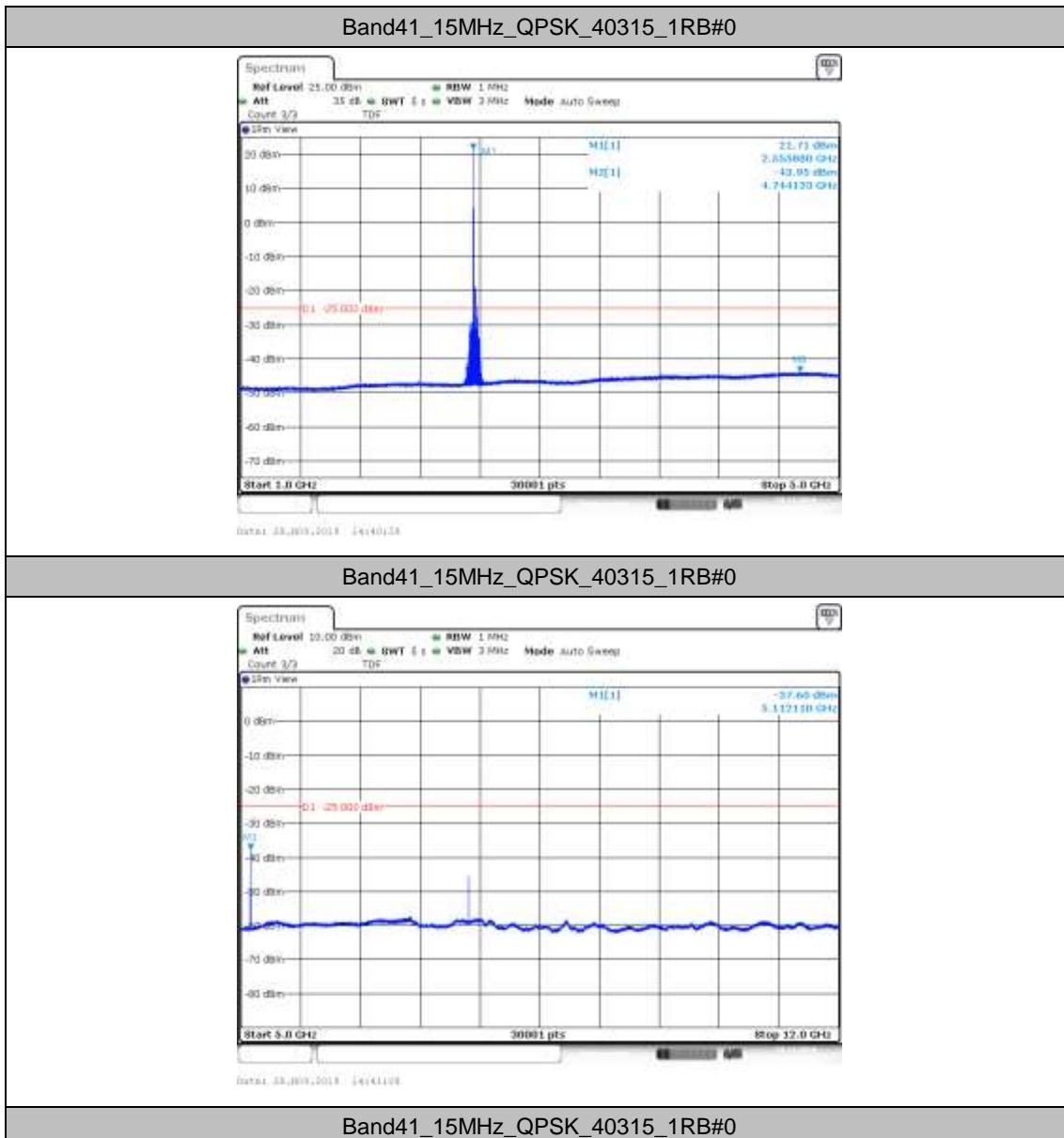
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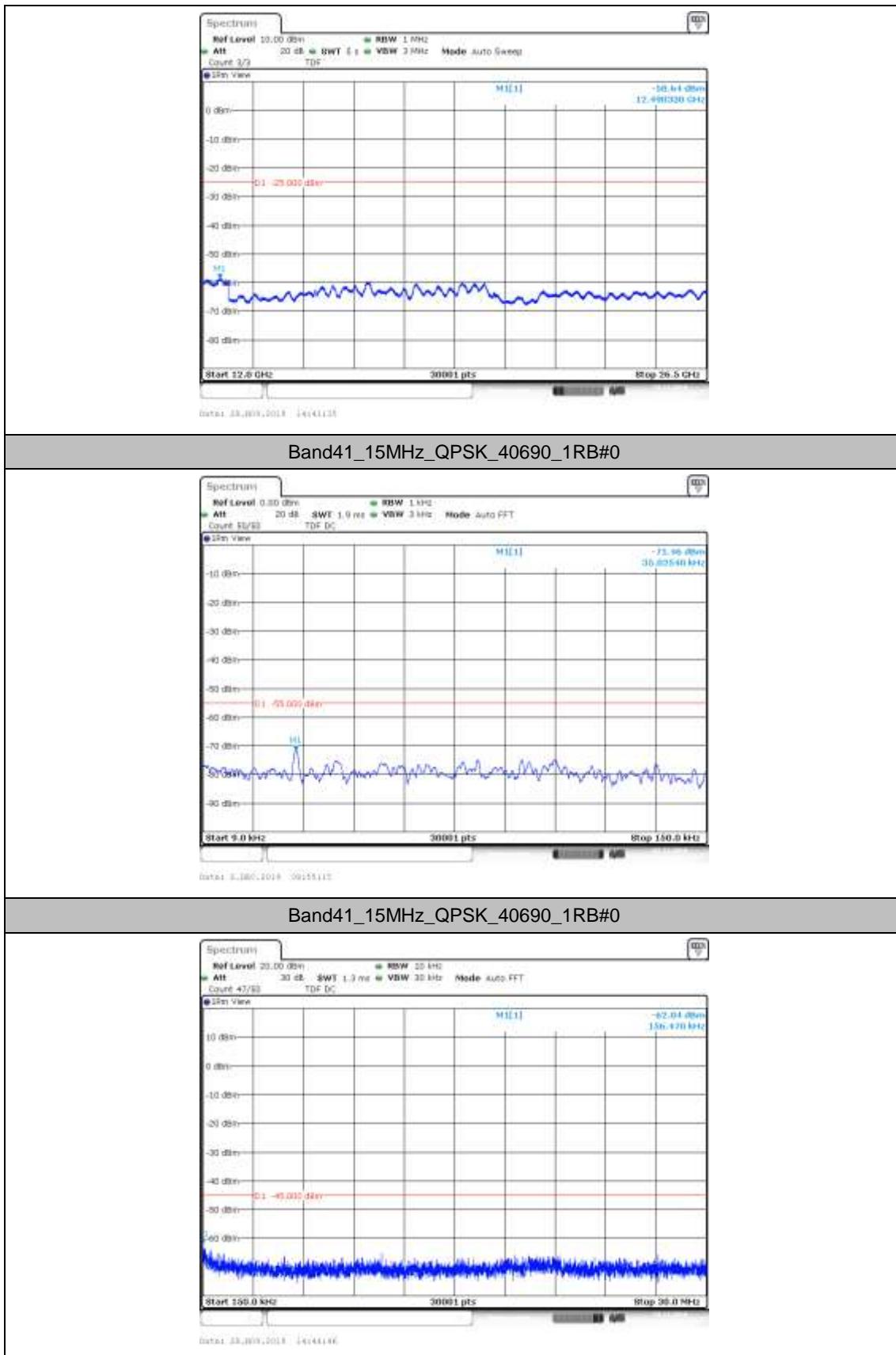
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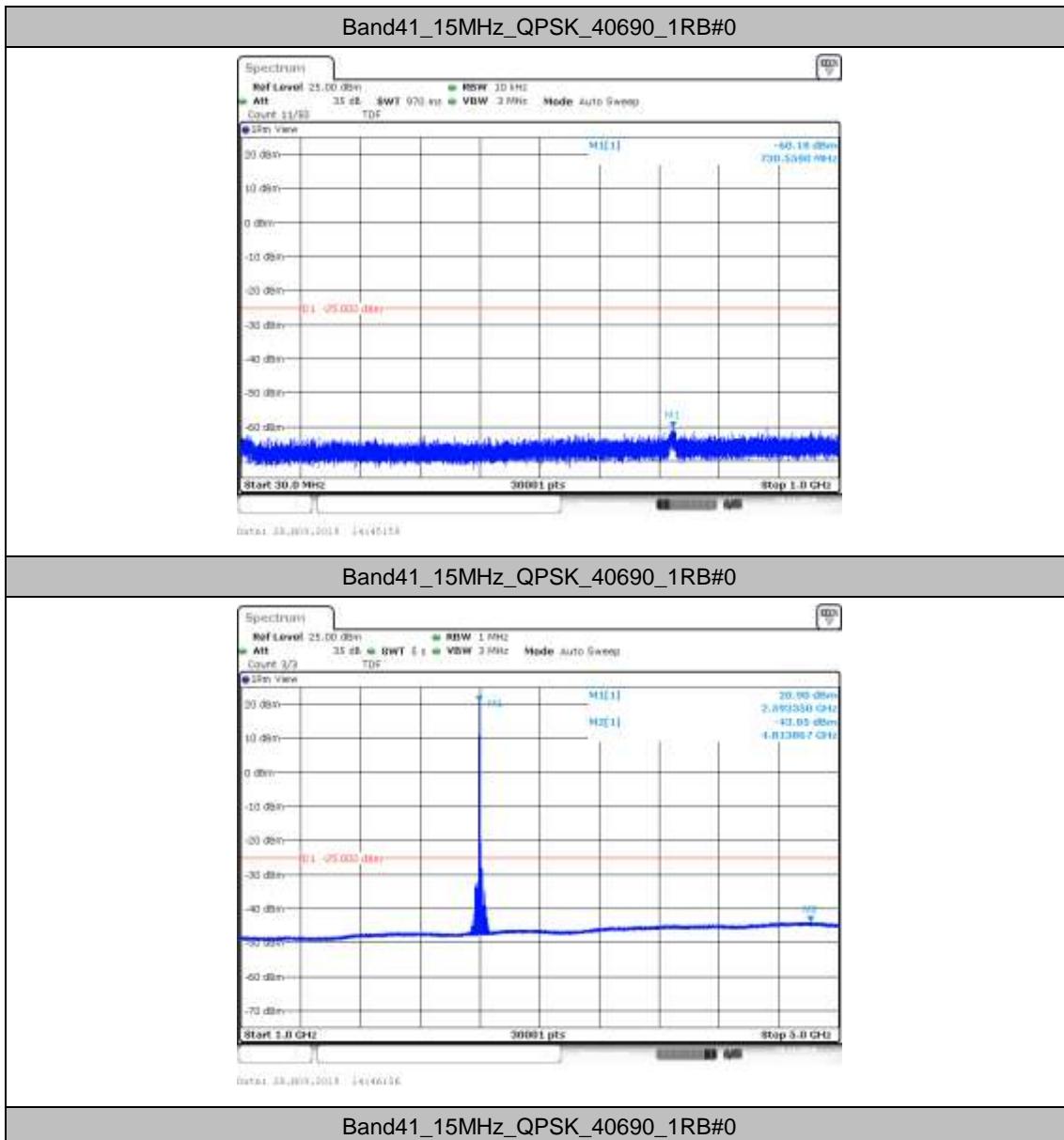
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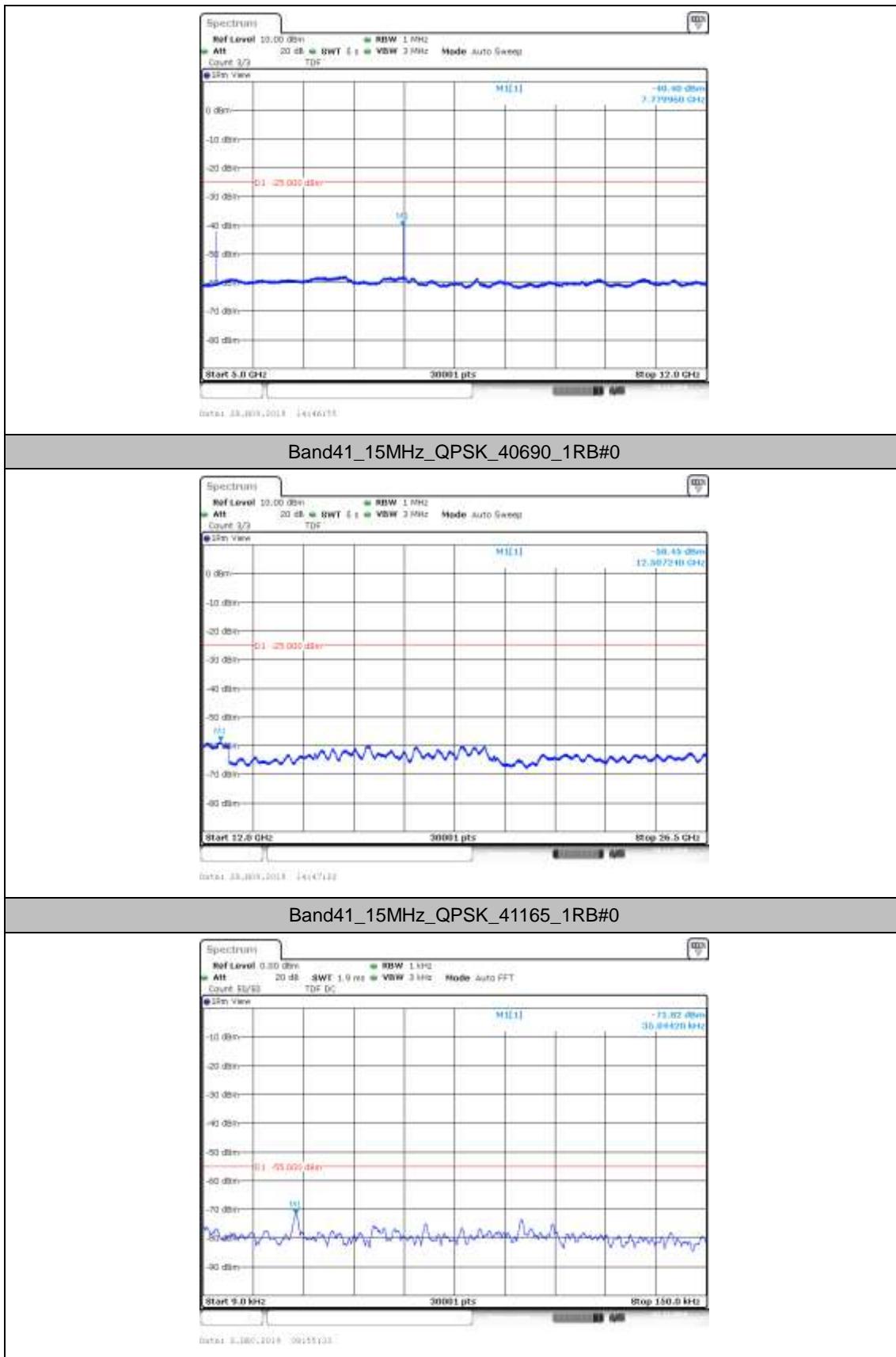
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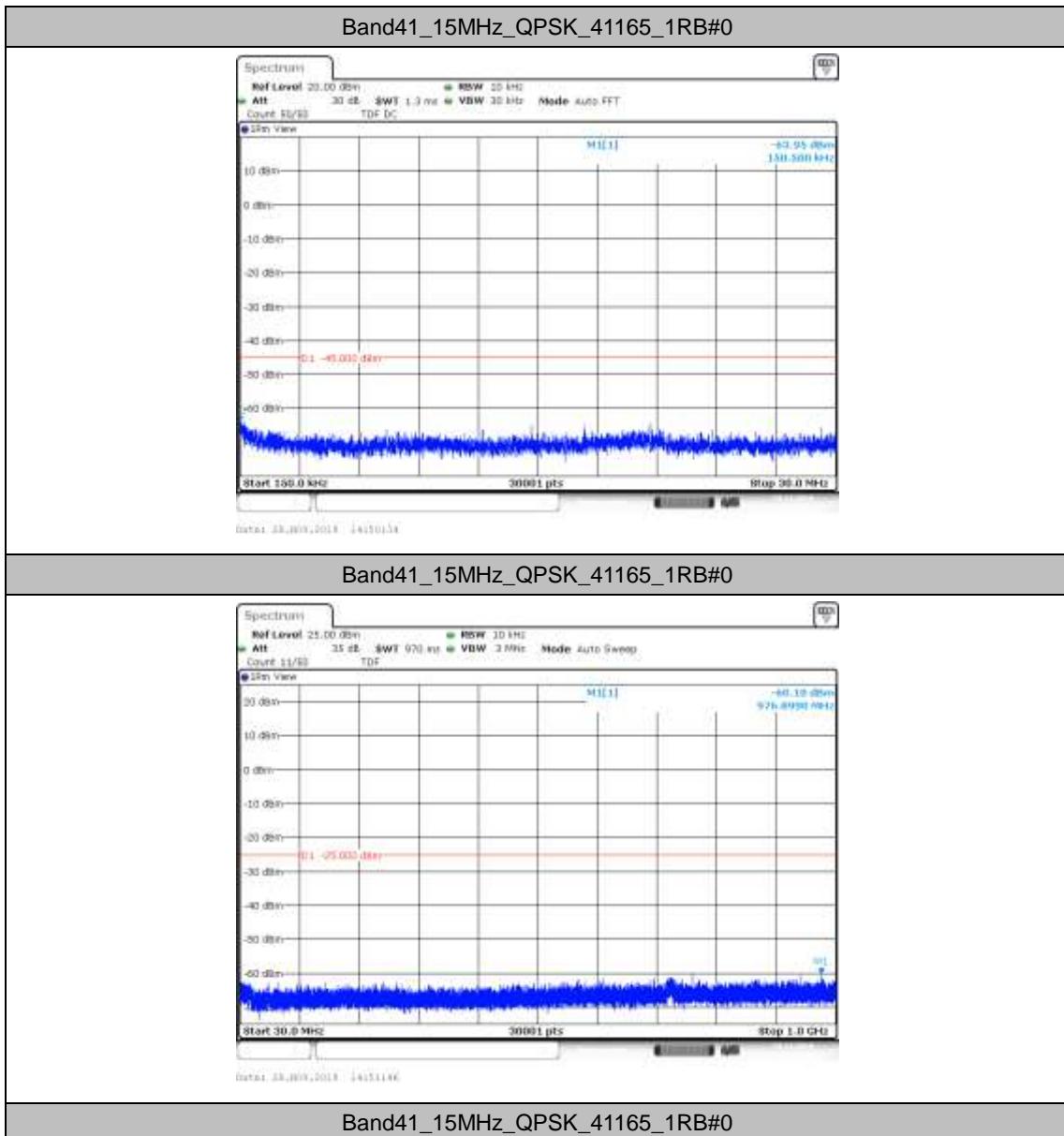
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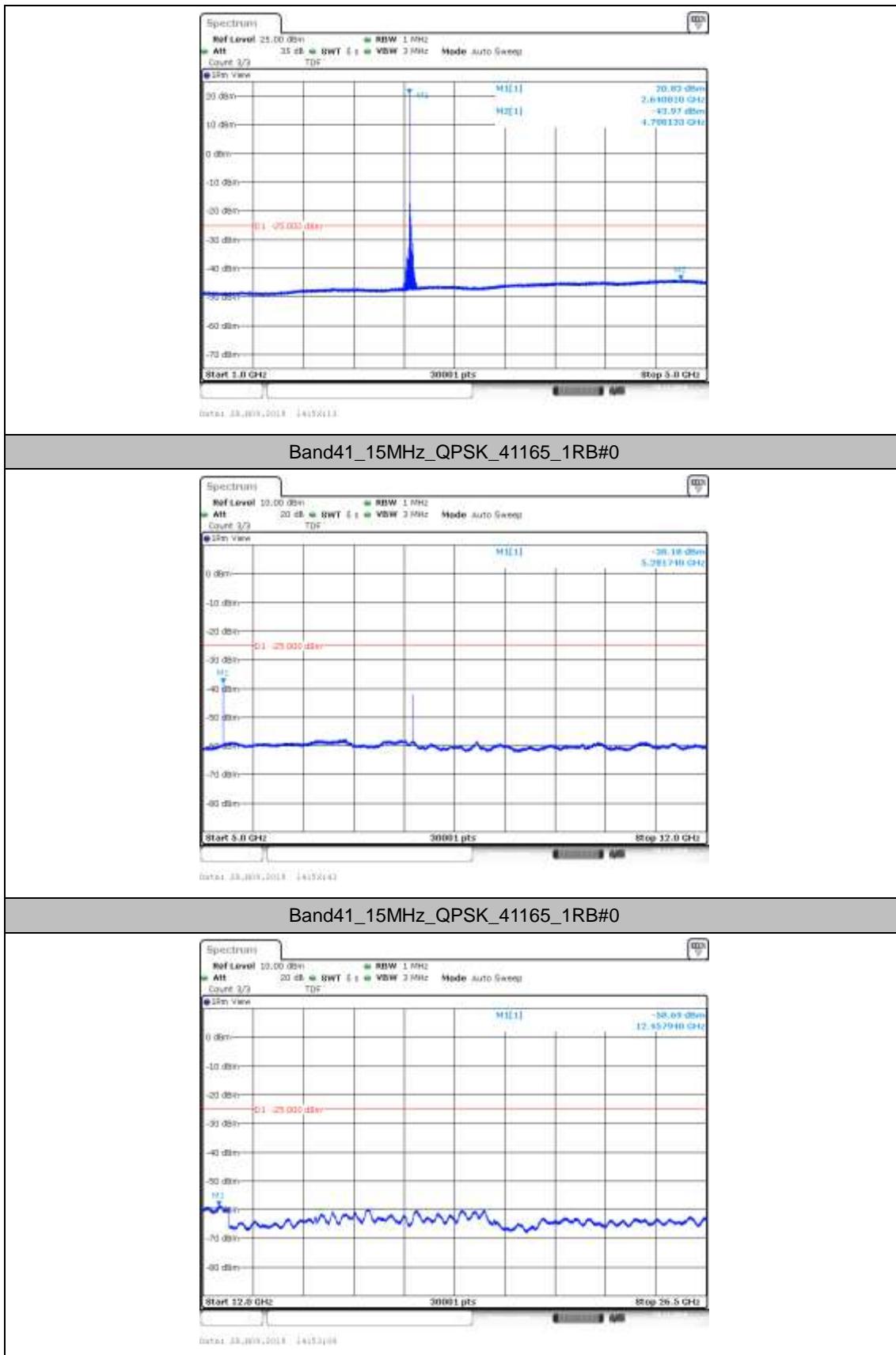
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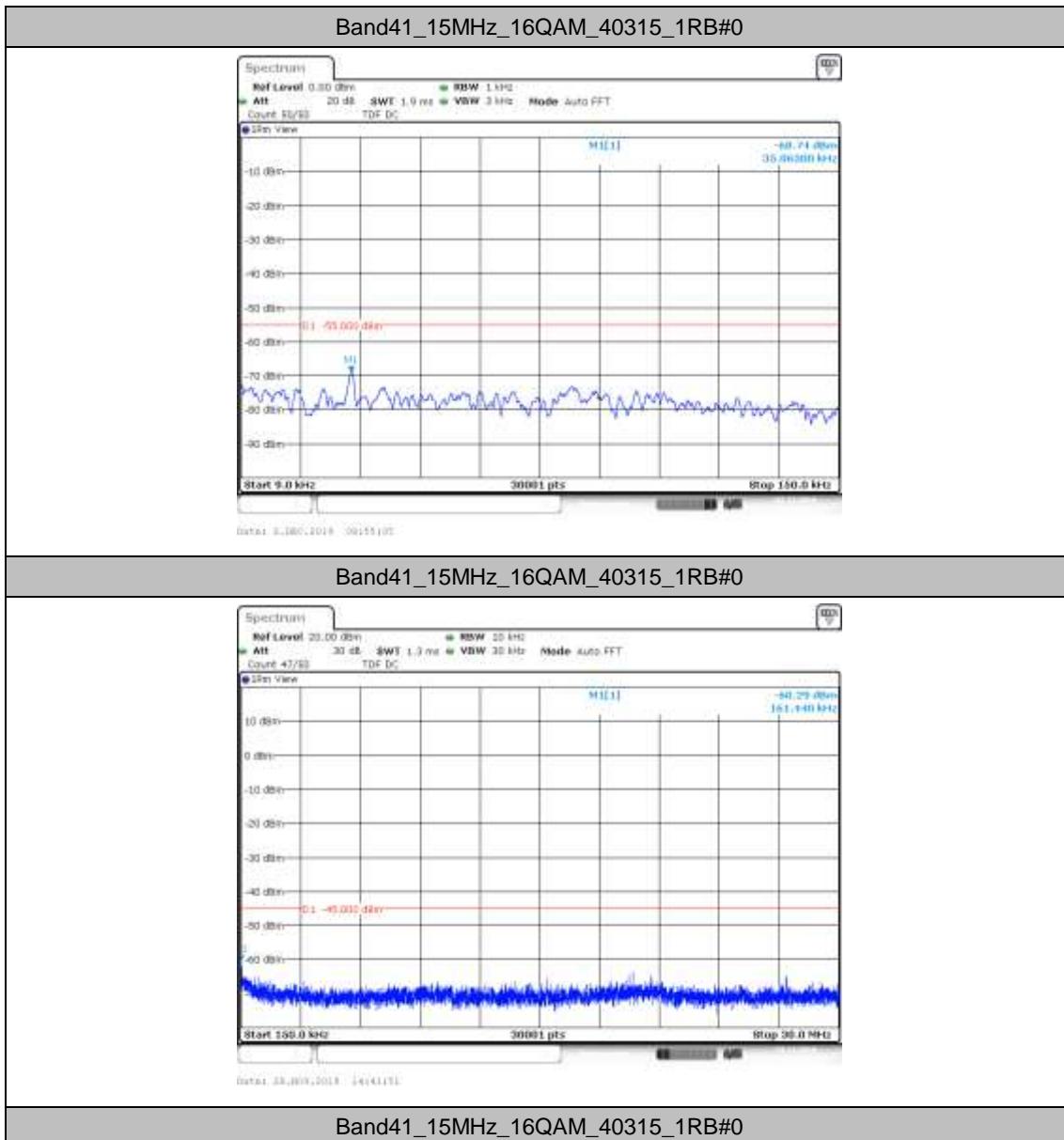
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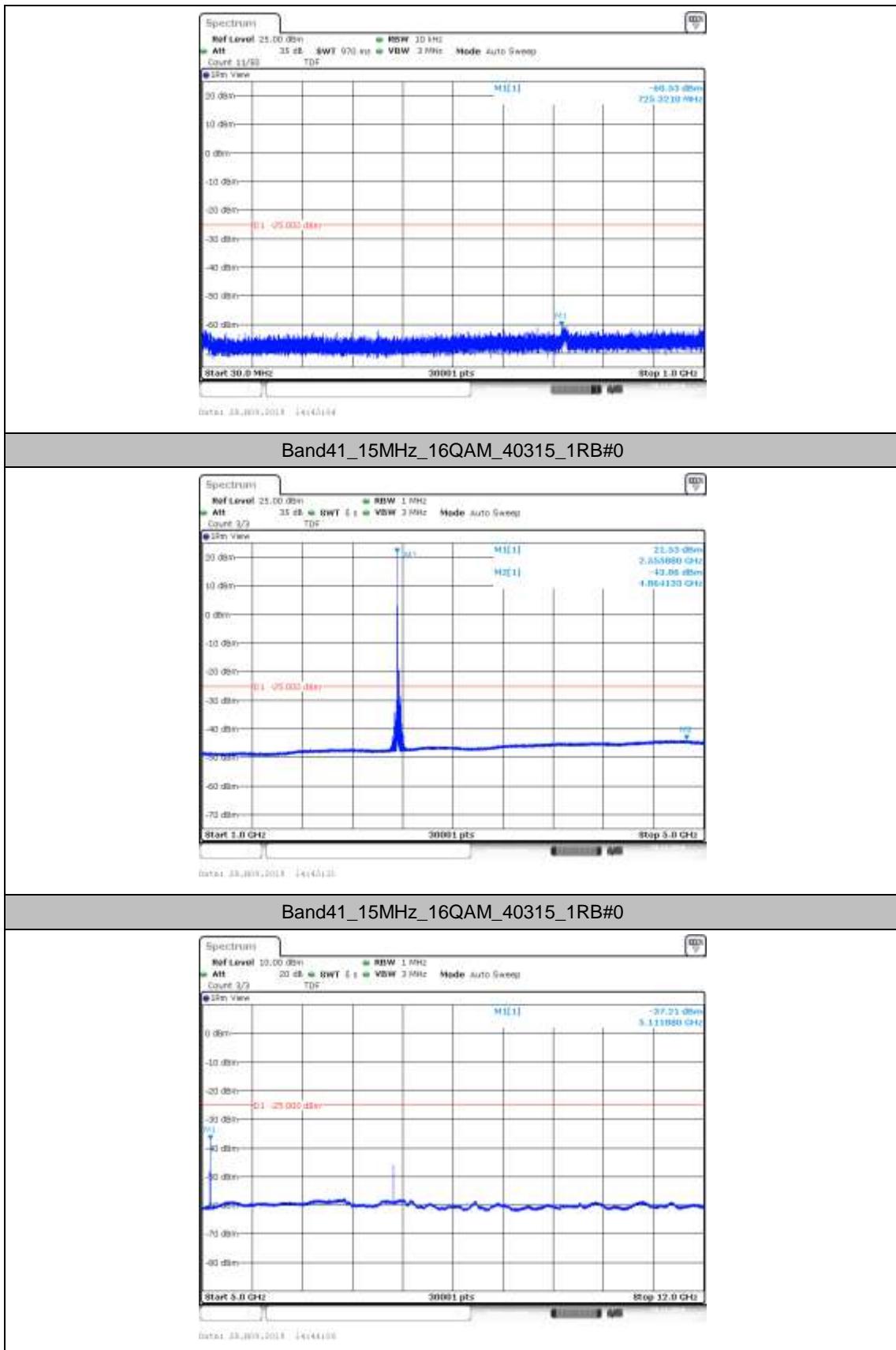
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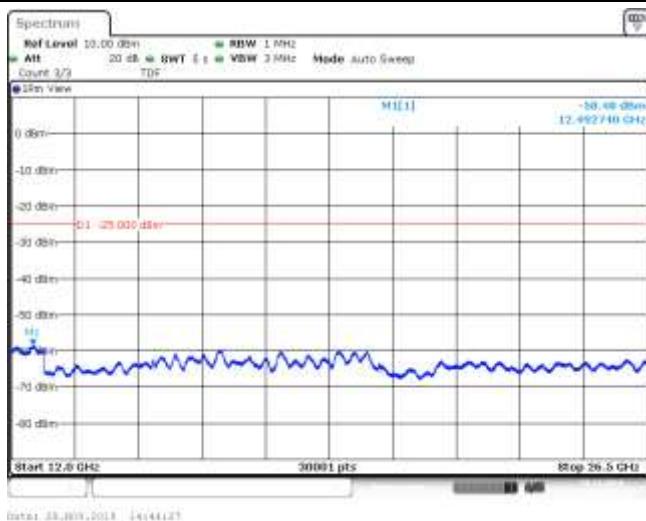
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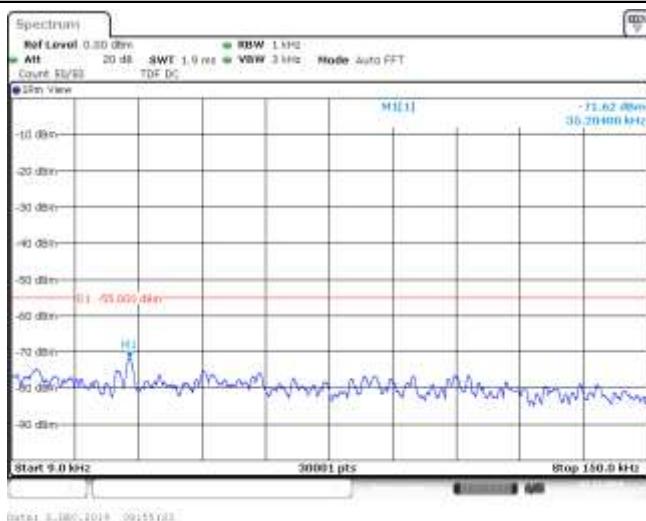
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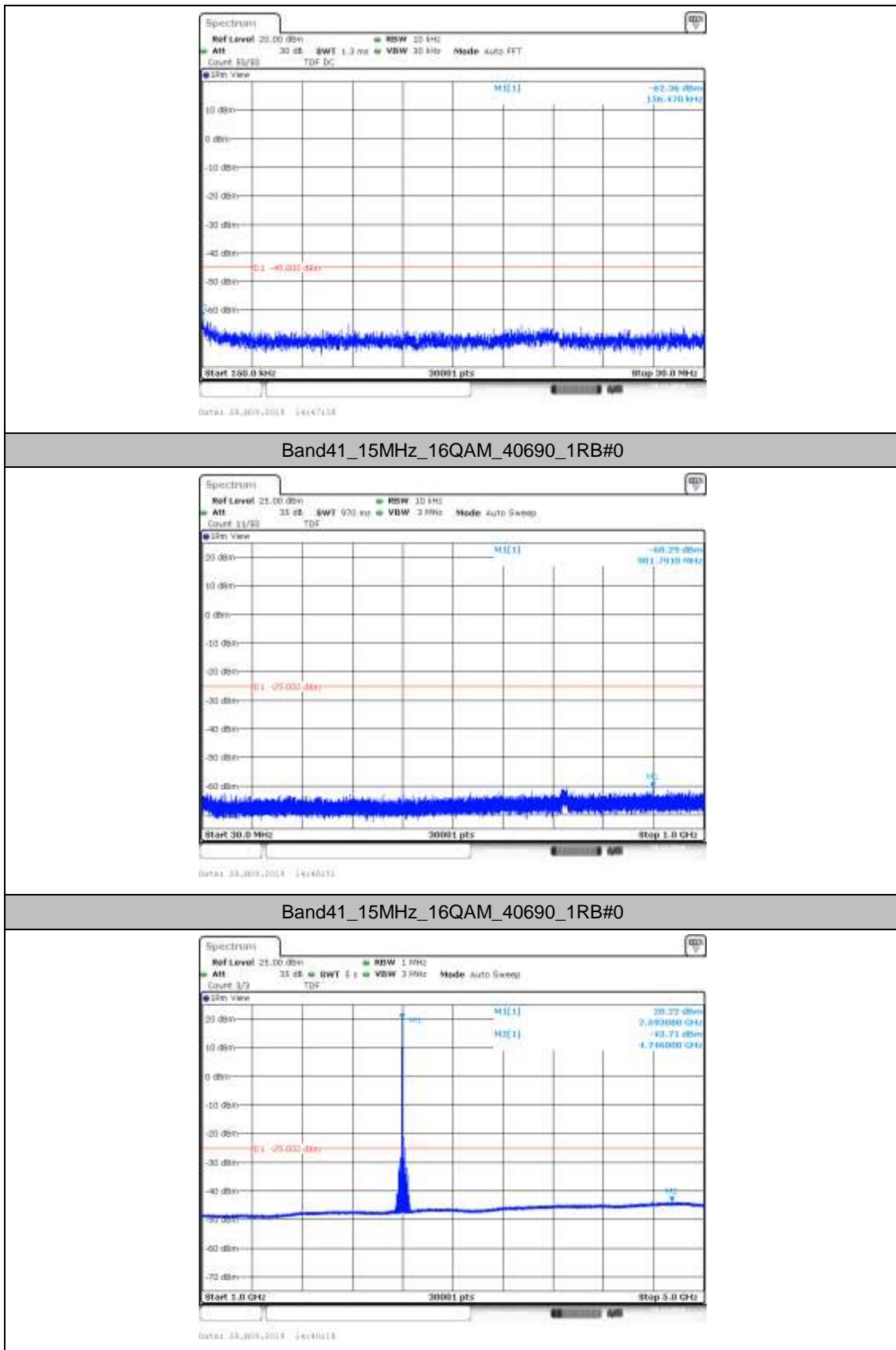
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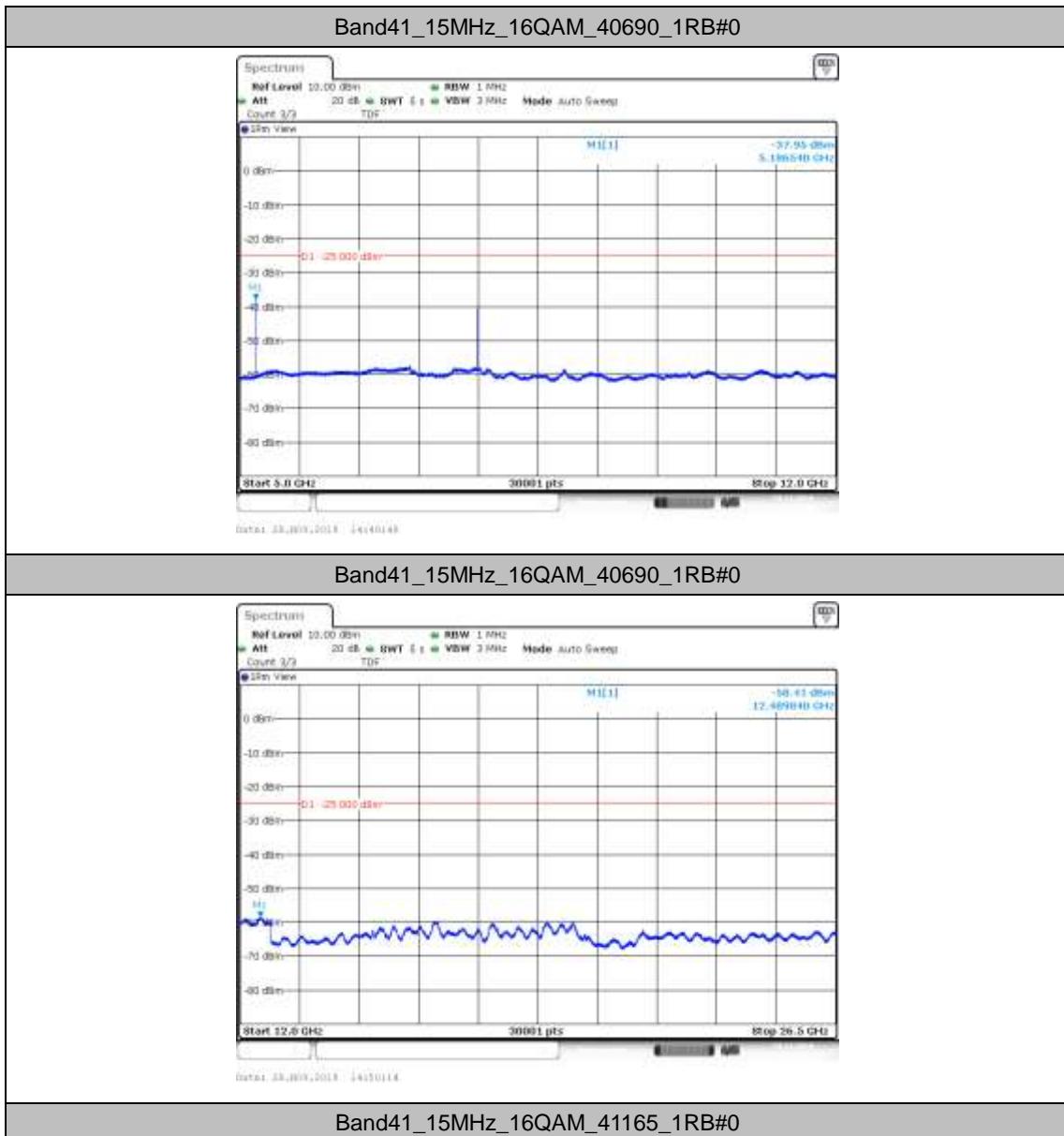
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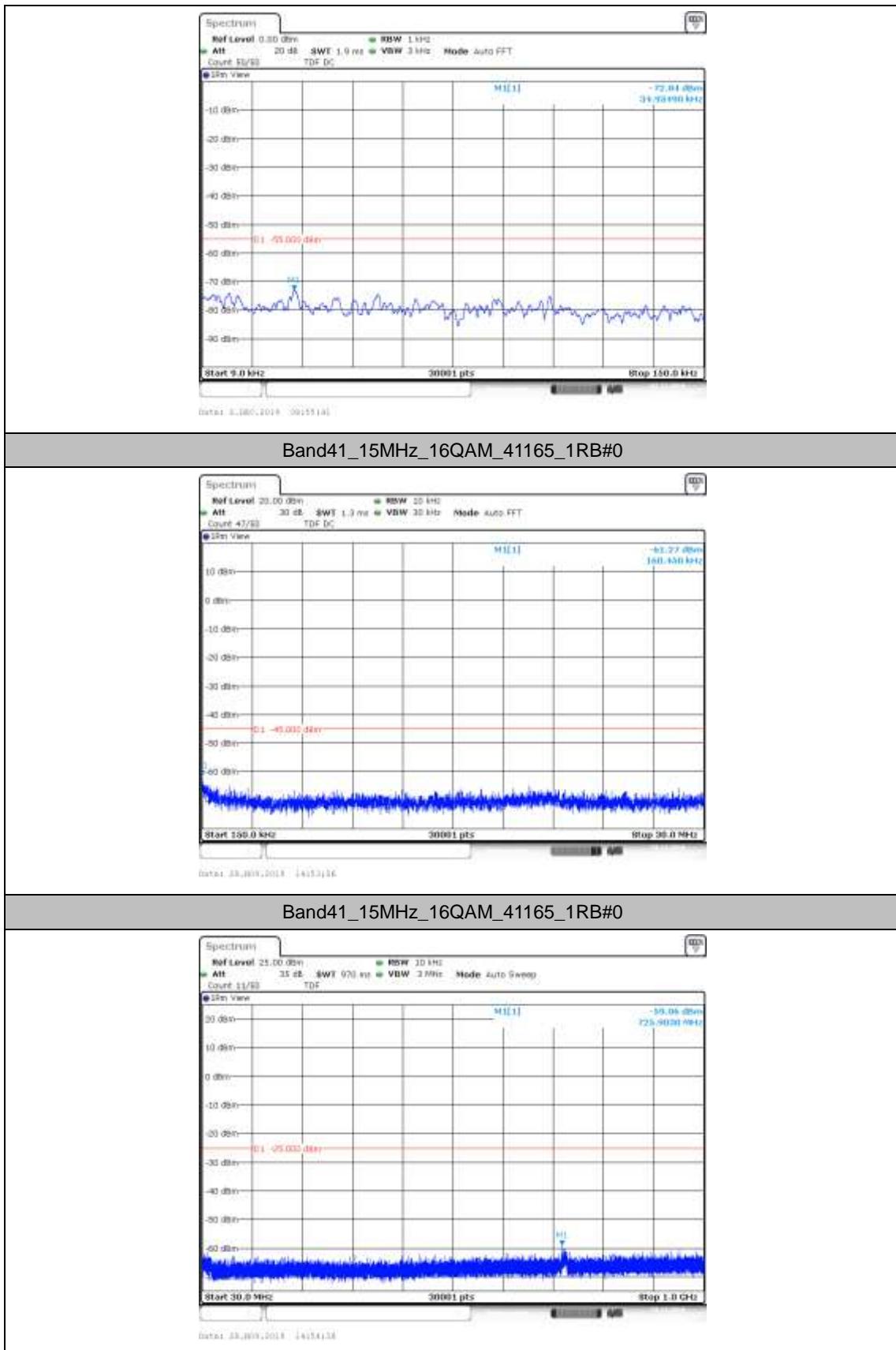
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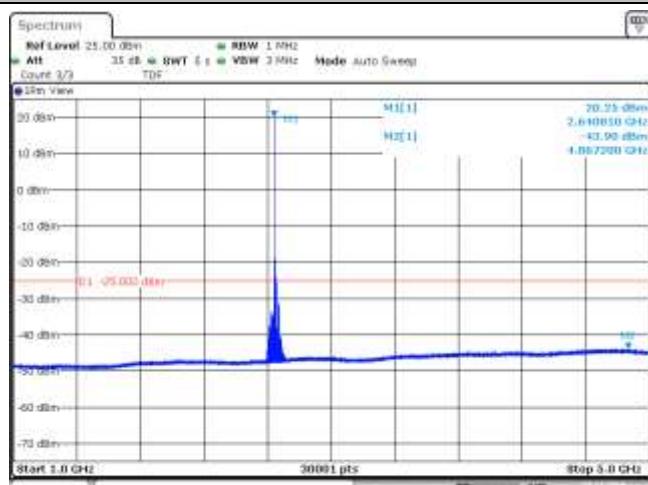
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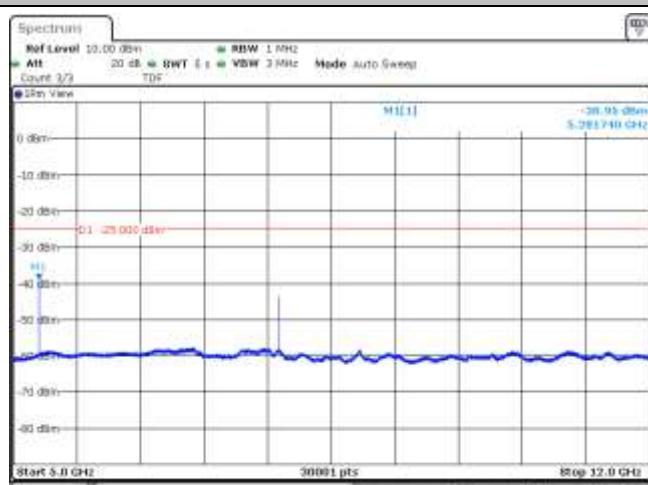
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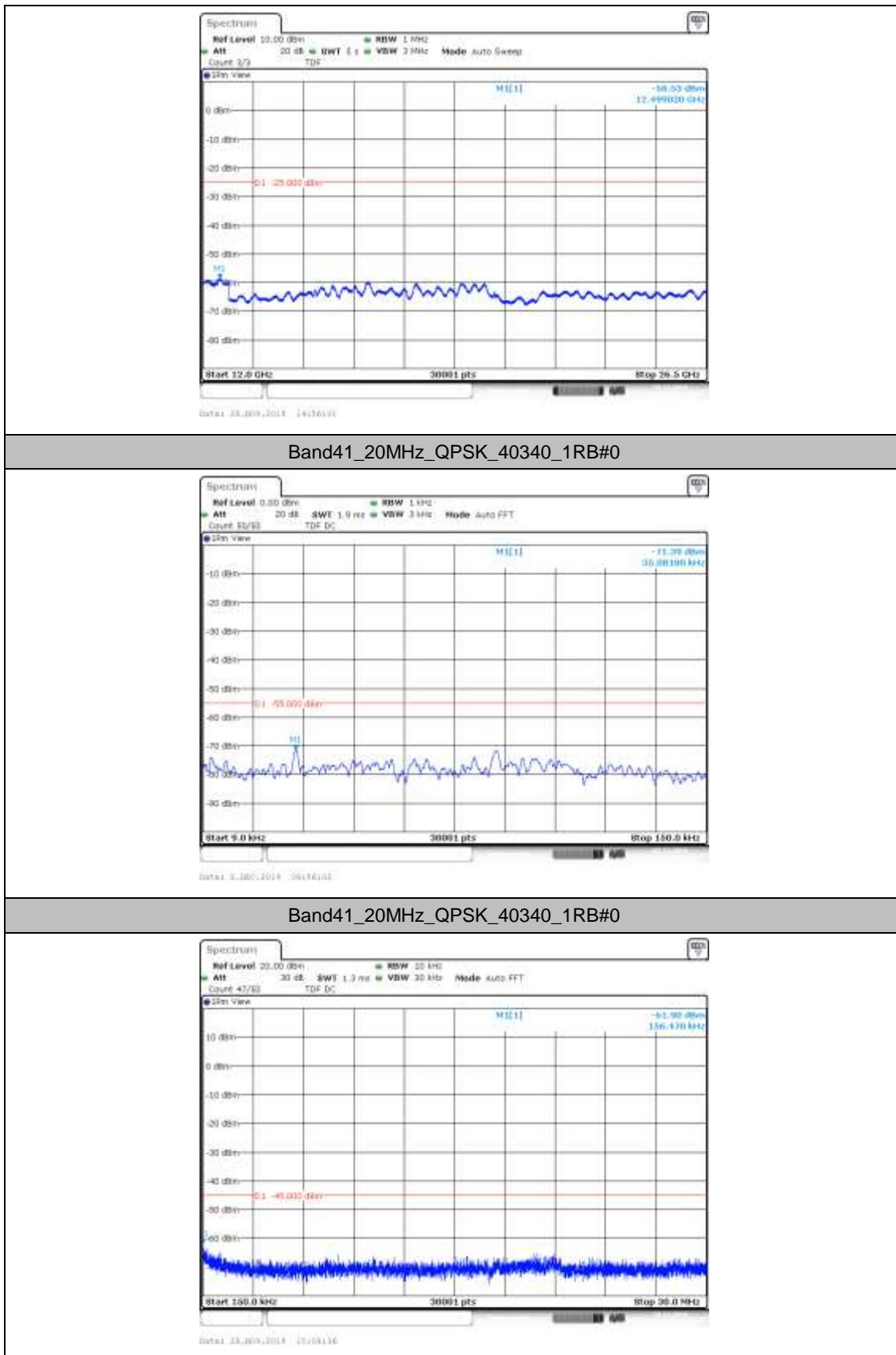
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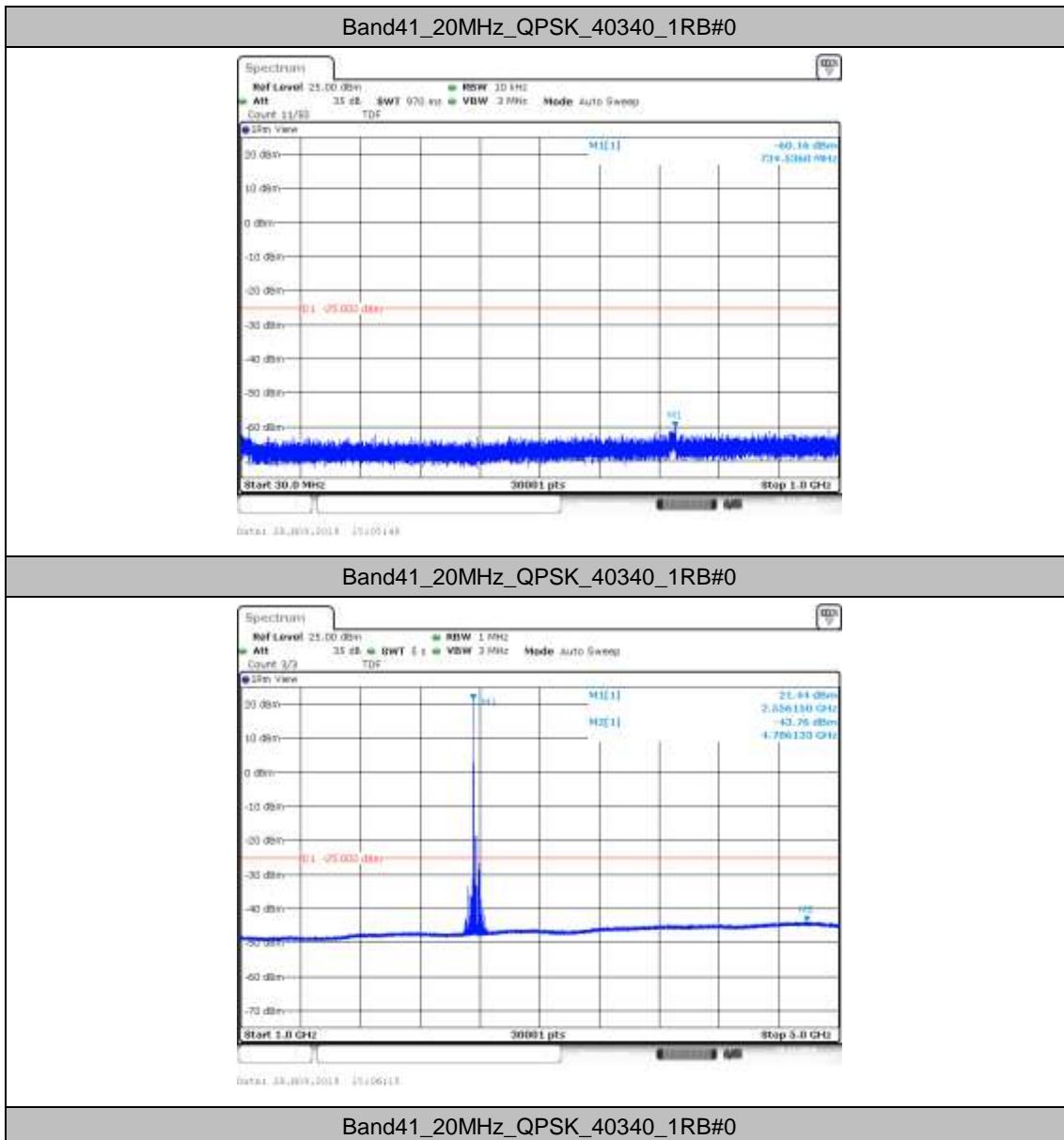
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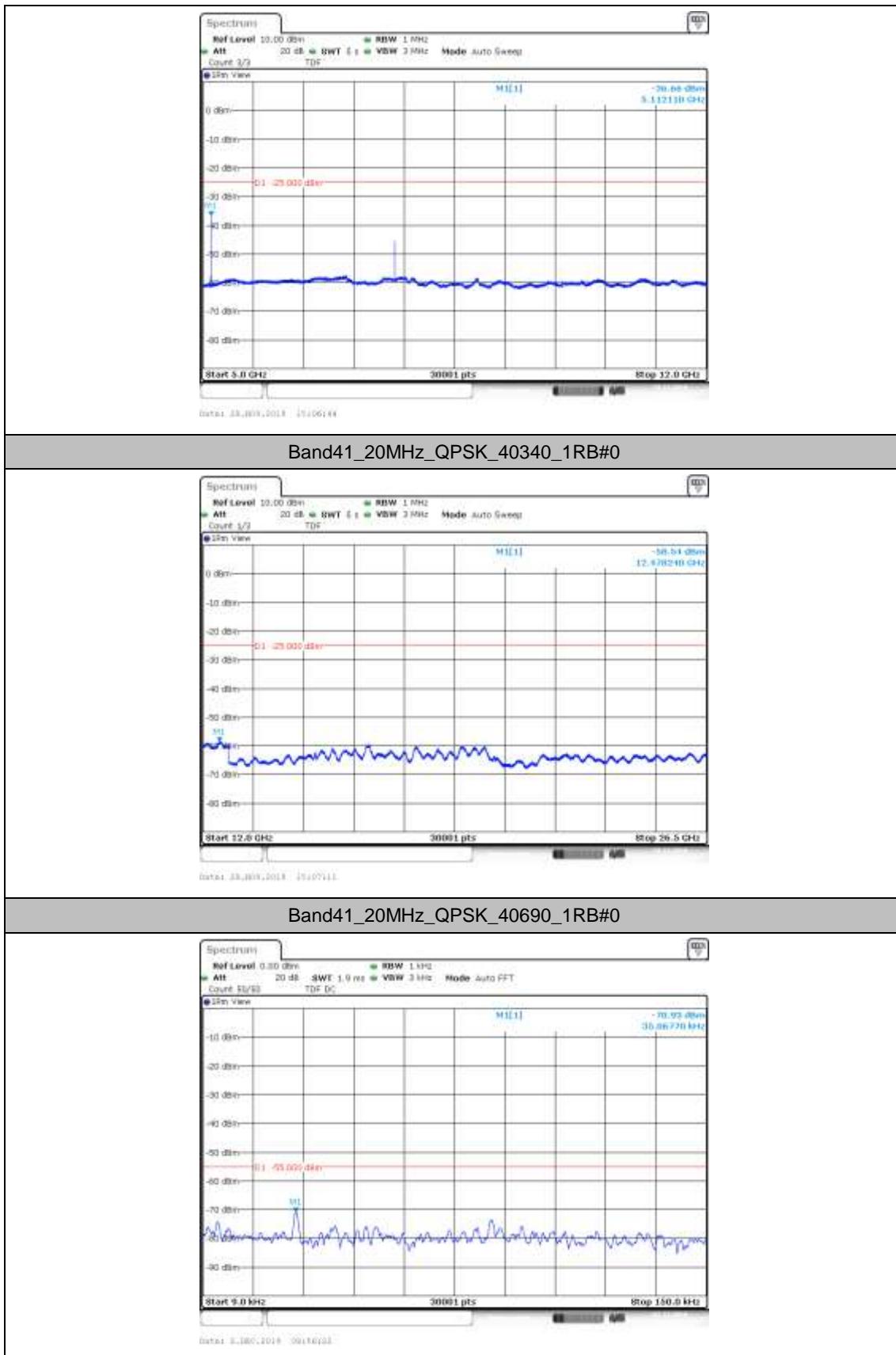
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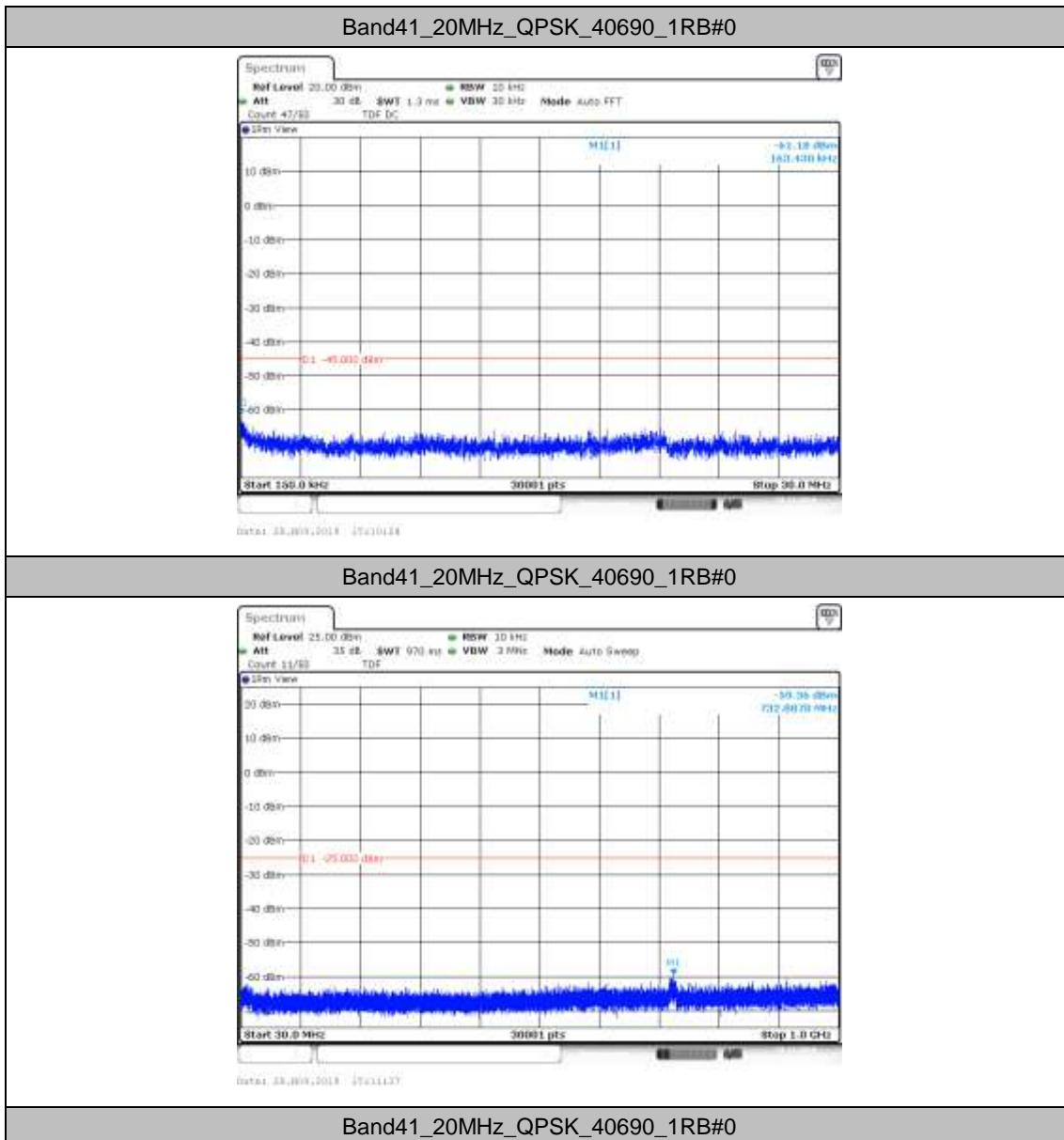
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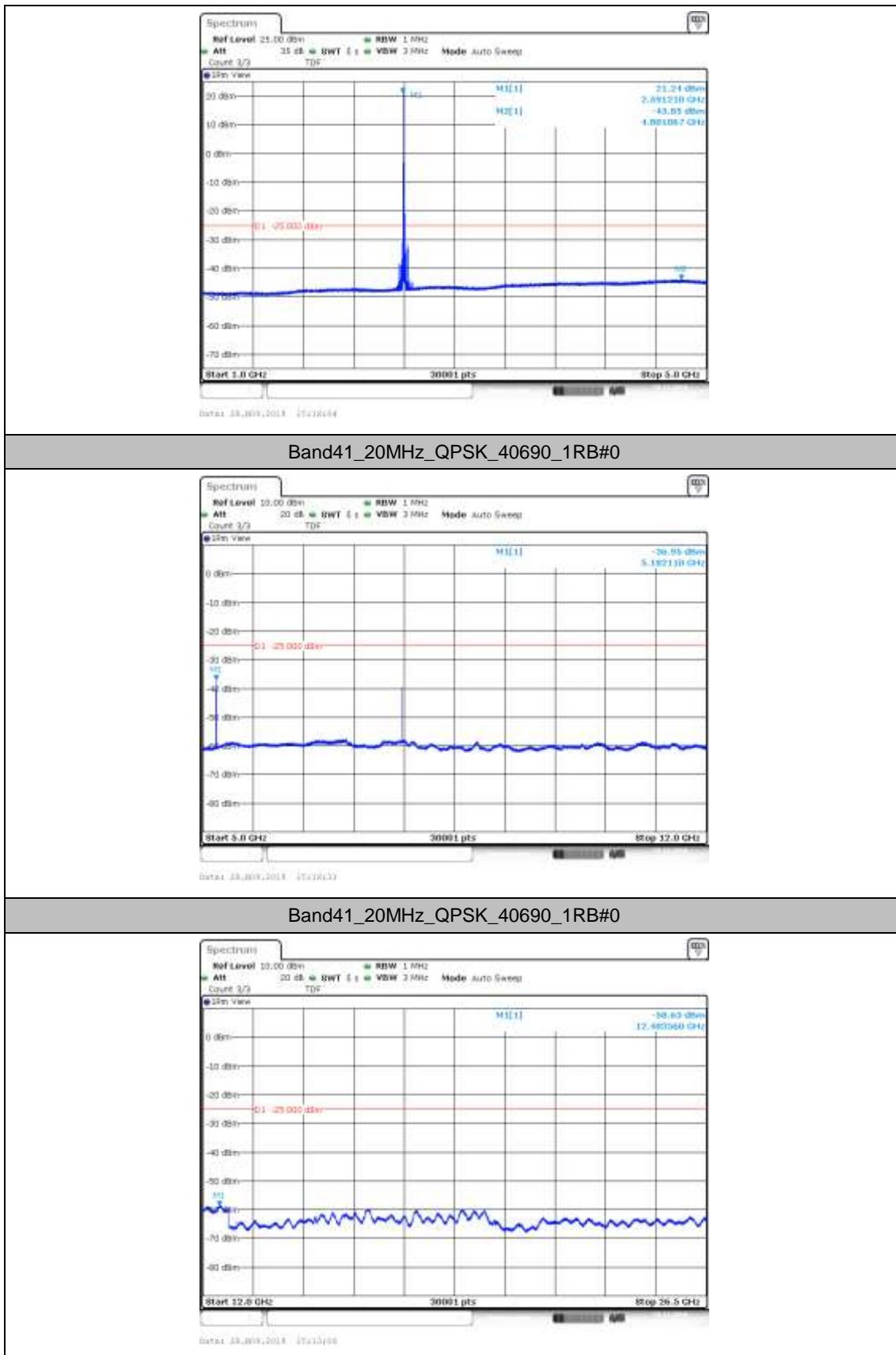
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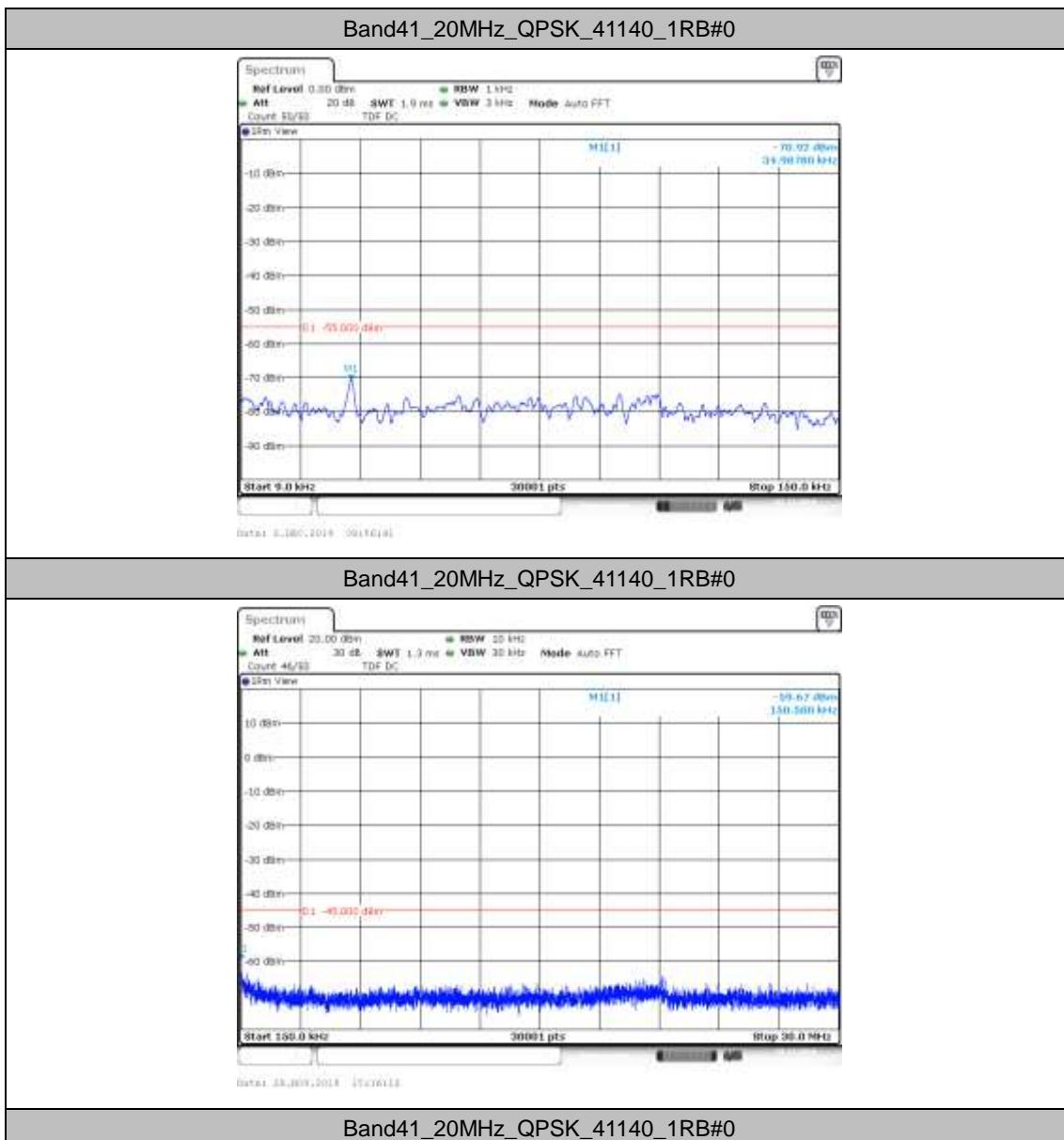
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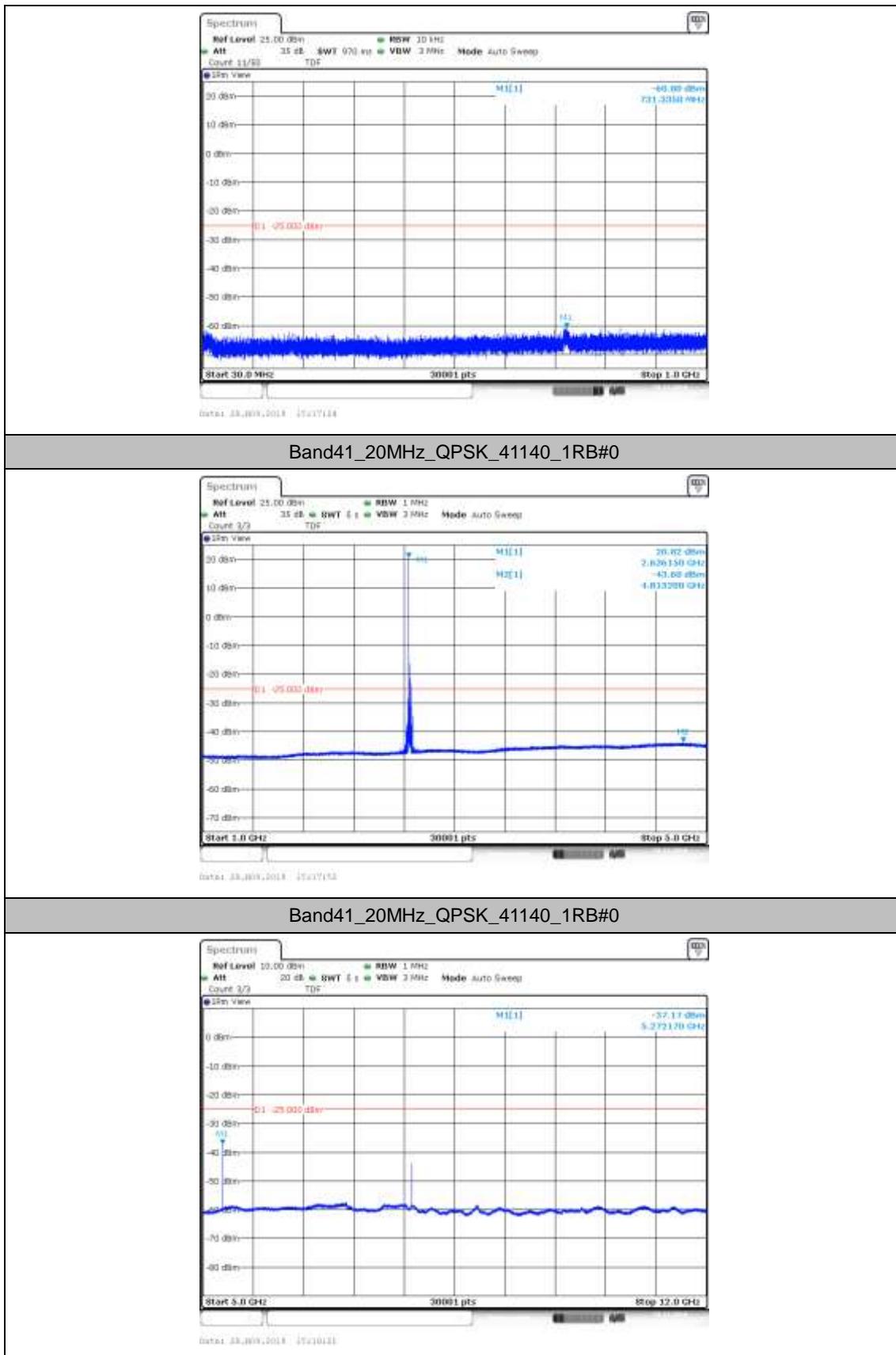
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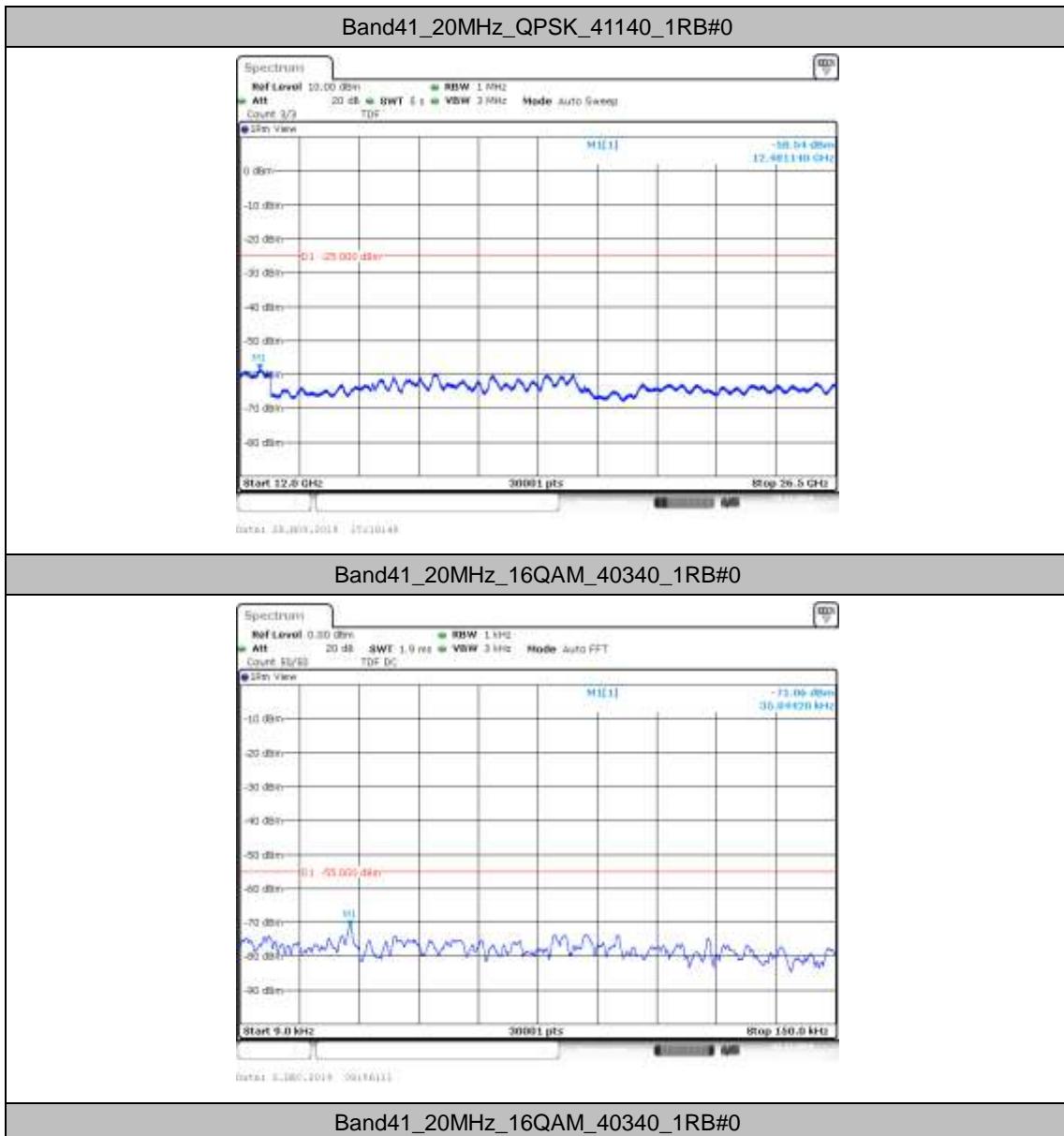
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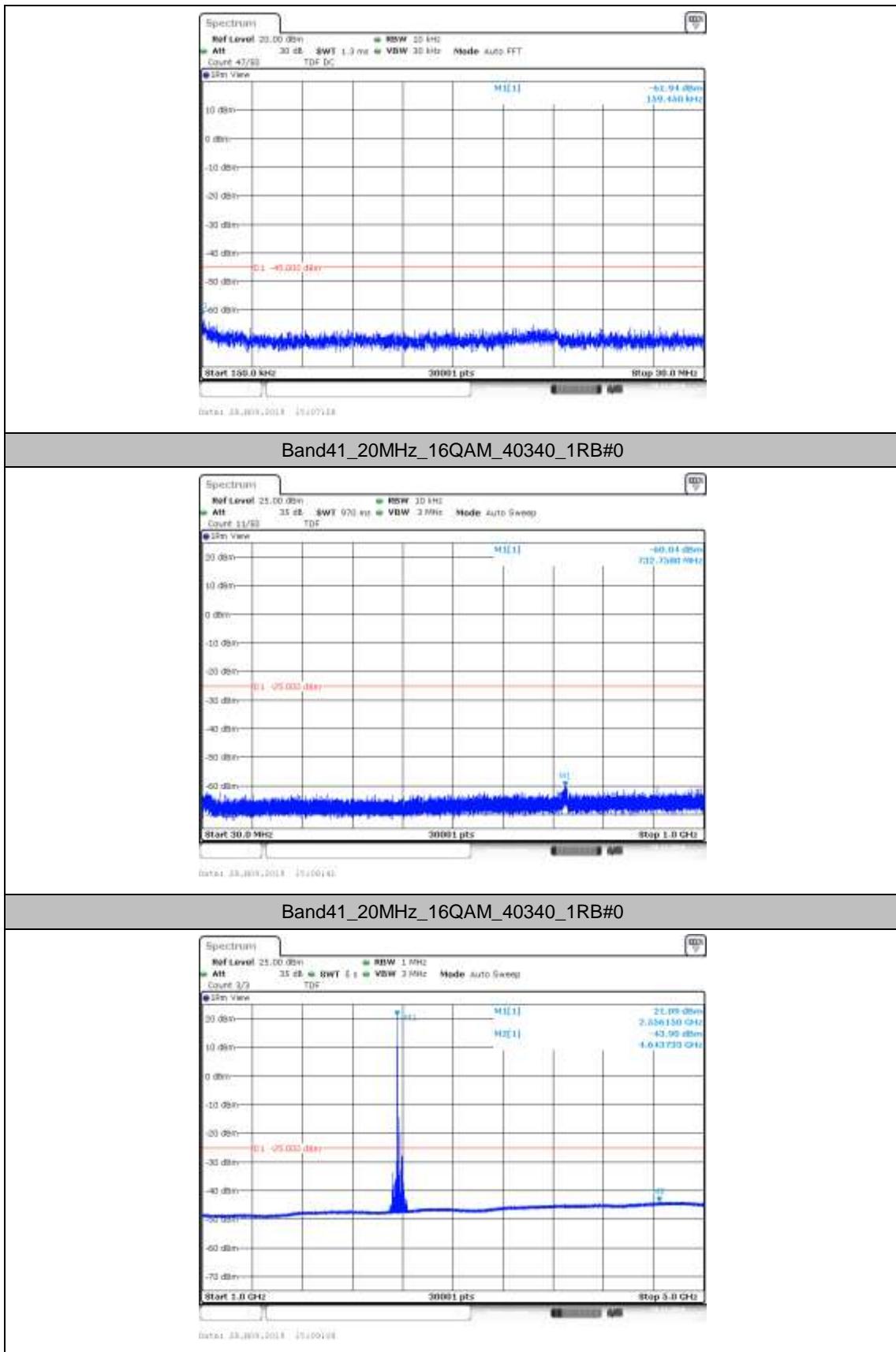
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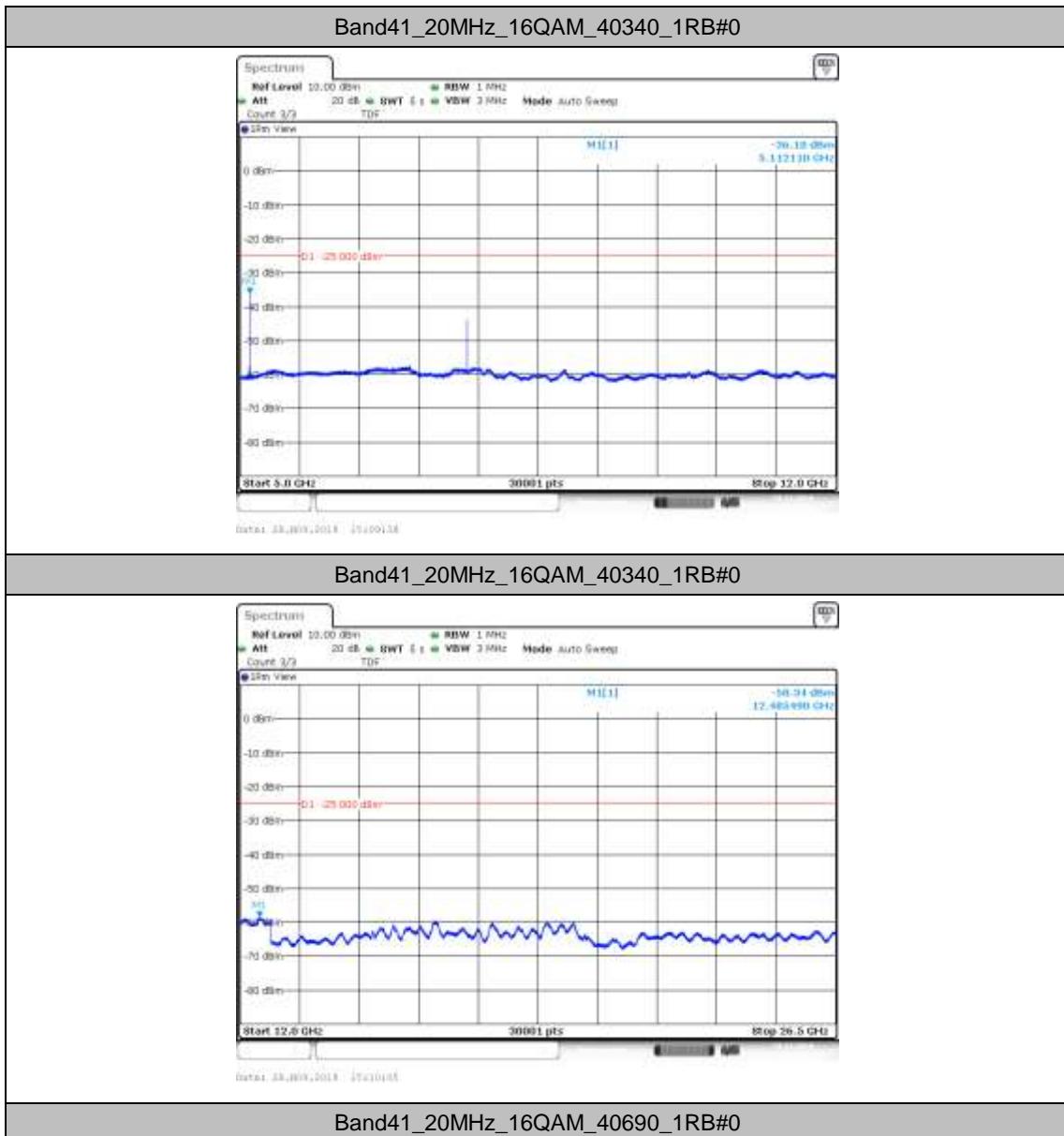
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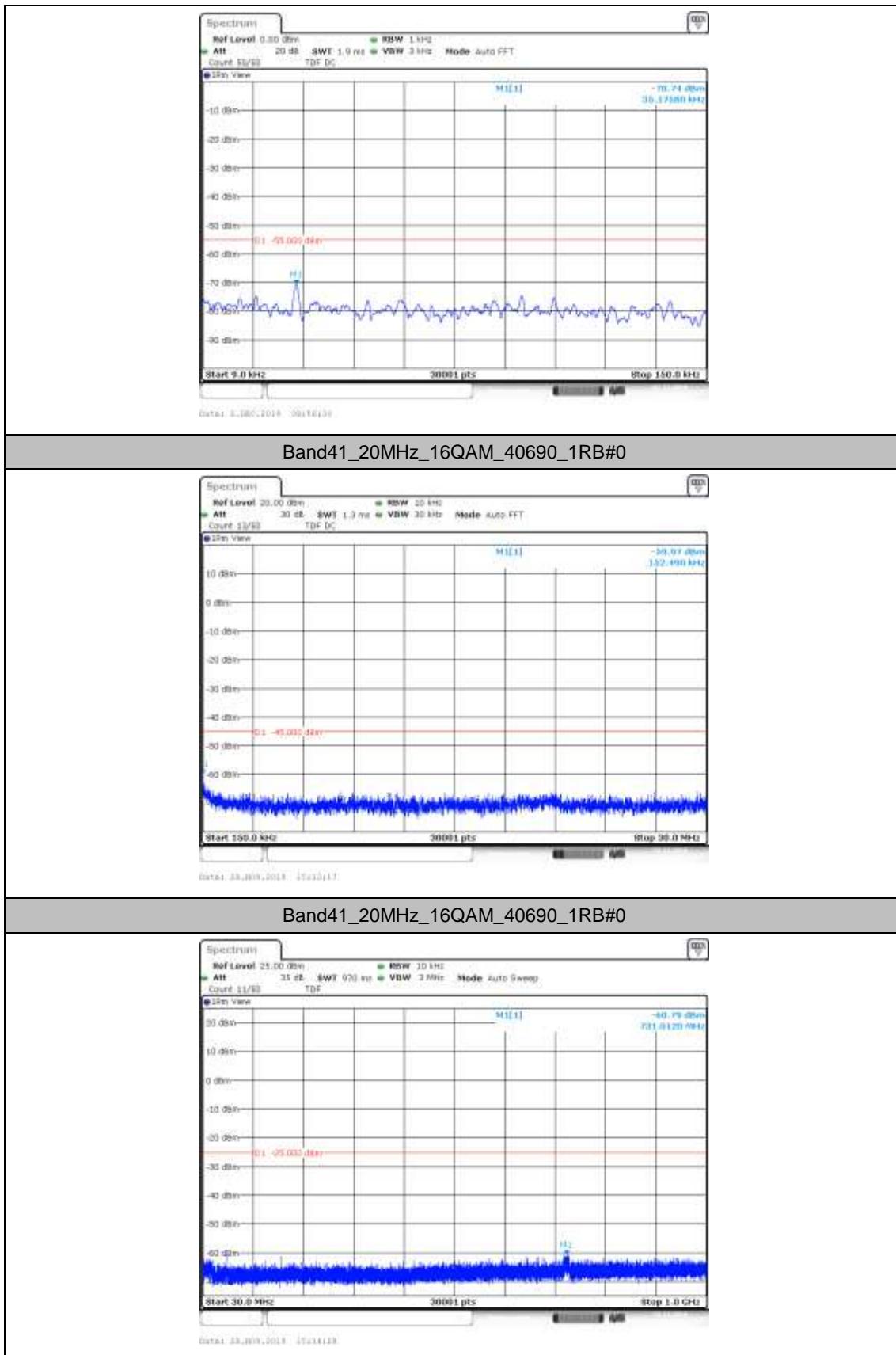
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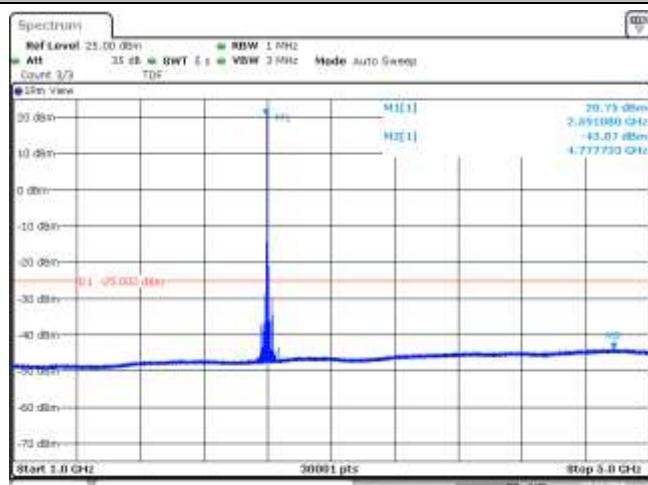
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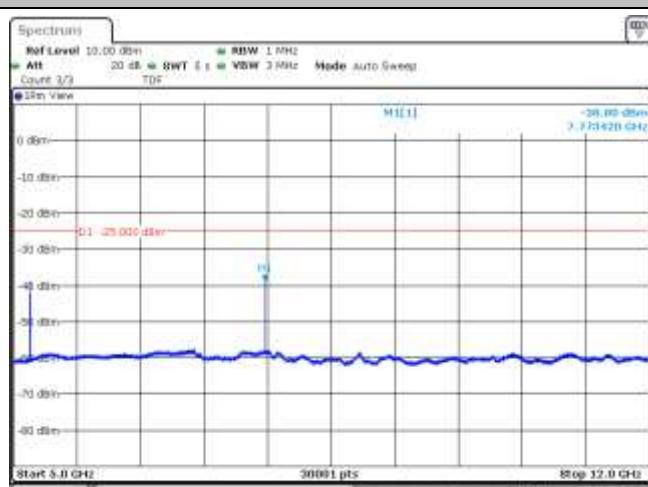
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Band41_20MHz_16QAM_40690_1RB#0



Band41_20MHz_16QAM_40690_1RB#0



Band41_20MHz_16QAM_40690_1RB#0

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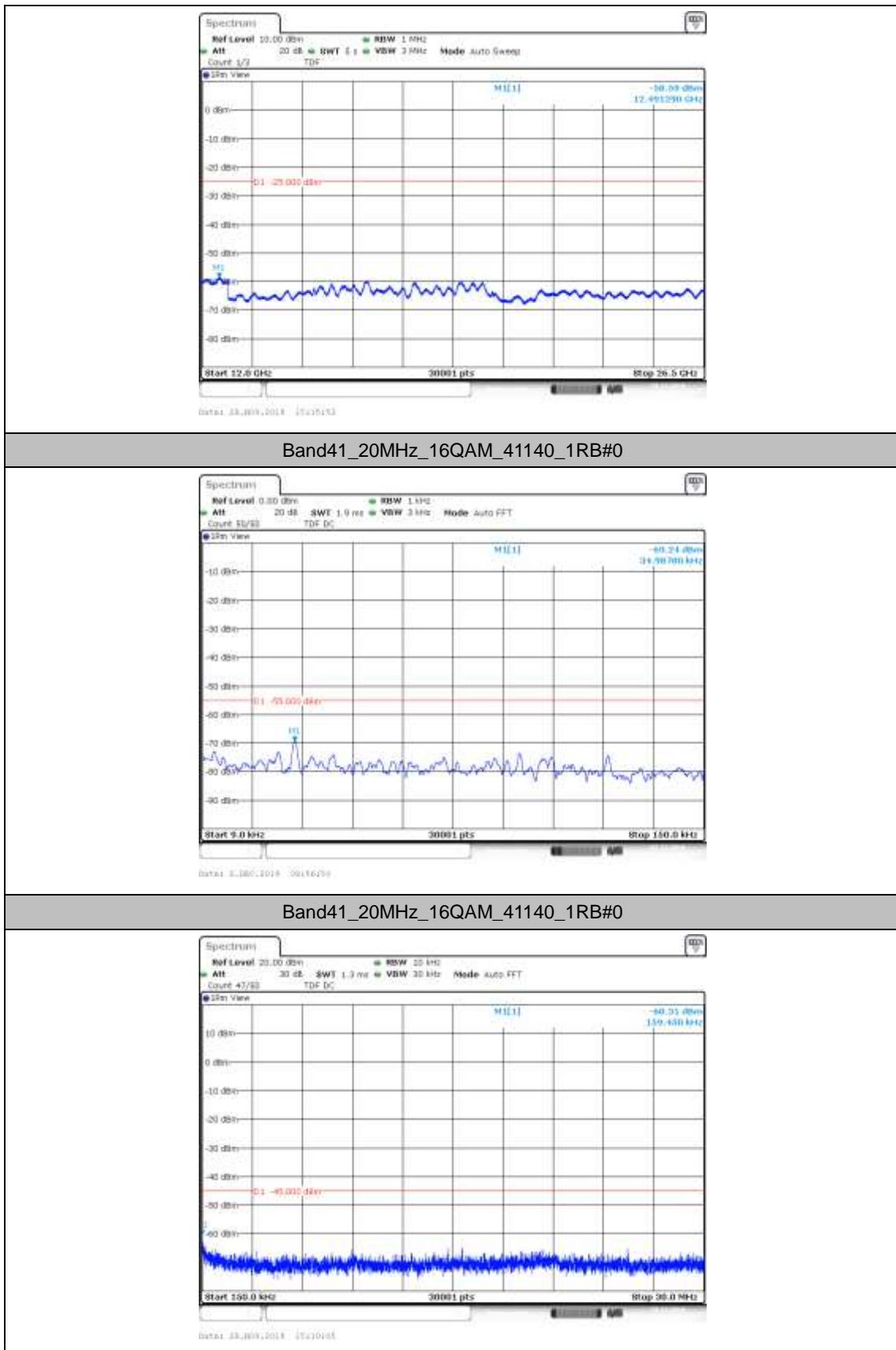
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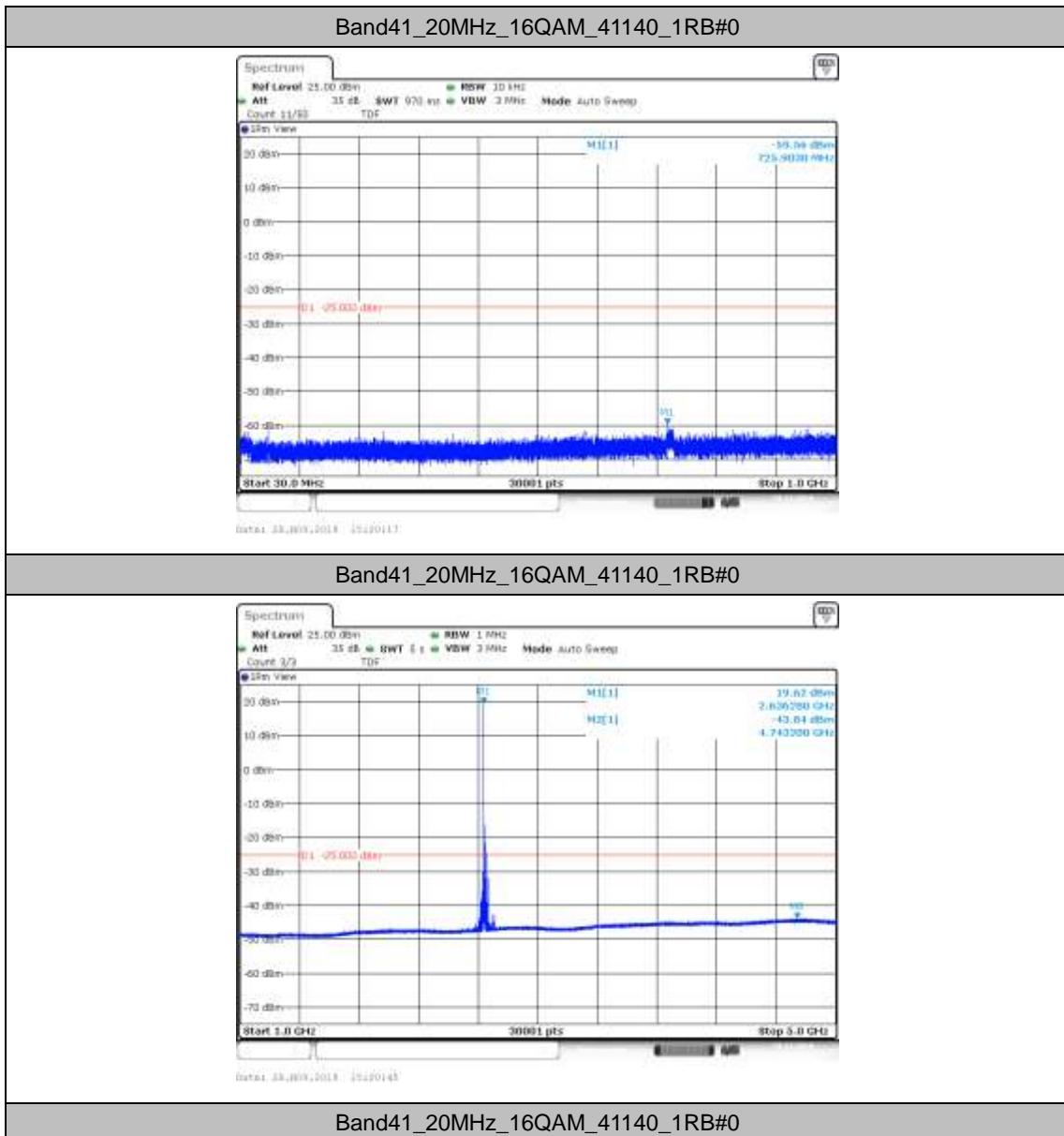
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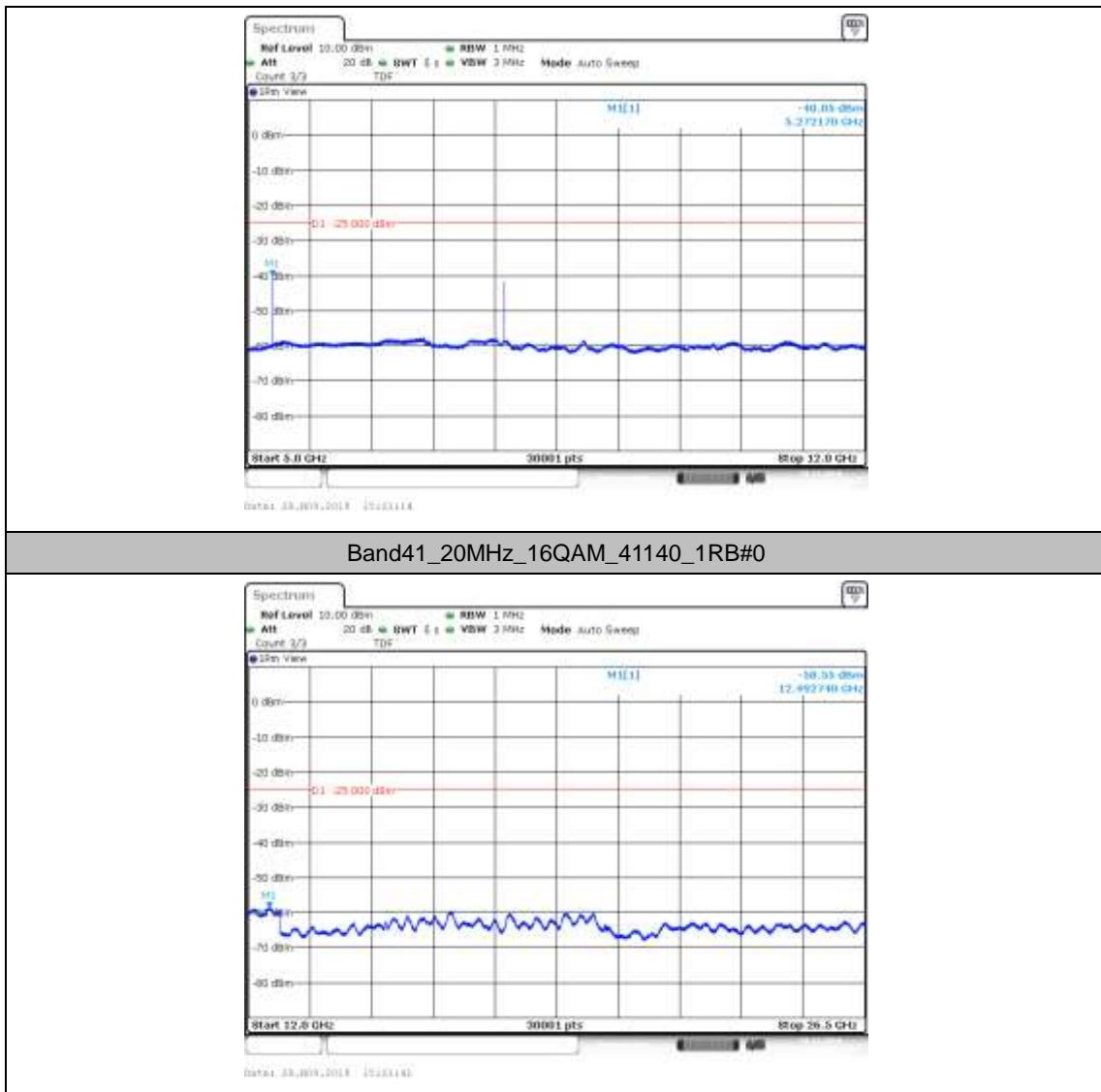
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Appendix F: Frequency Stability

Test Result

| Voltage | | | | | | | | | | |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | VL | NT | 18.80 | 0.007231 | ±2.5 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | VN | NT | 14.05 | 0.005404 | ±2.5 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | VH | NT | 16.31 | 0.006273 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | VL | NT | 17.18 | 0.006608 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | VN | NT | 18.75 | 0.007212 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | VH | NT | 22.77 | 0.008758 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | VL | NT | 22.09 | 0.008496 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | VN | NT | 66.80 | 0.025692 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | VH | NT | -50.55 | -0.019442 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | VL | NT | 58.55 | 0.022519 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | VN | NT | 36.01 | 0.013850 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | VH | NT | 17.52 | 0.006738 | ±2.5 | PASS |

| Temperature | | | | | | | | | | |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | NV | -30 | 16.04 | 0.006169 | ±2.5 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | NV | -20 | 12.22 | 0.004700 | ±2.5 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | NV | 0 | 19.40 | 0.007462 | ±2.5 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | NV | 10 | 14.58 | 0.005608 | ±2.5 | PASS |
| Band41 | 5MHz | QPSK | 40690 | 25RB#0 | NV | 20 | 14.92 | 0.005738 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | NV | -30 | 25.62 | 0.009854 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | NV | -20 | 22.60 | 0.008692 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | NV | 0 | 14.45 | 0.005558 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | NV | 10 | 26.48 | 0.010185 | ±2.5 | PASS |
| Band41 | 10MHz | QPSK | 40690 | 50RB#0 | NV | 20 | 25.89 | 0.009958 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | NV | -30 | -19.86 | -0.007638 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | NV | -20 | 21.14 | 0.008131 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | NV | 0 | 46.03 | 0.017704 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | NV | 10 | 13.56 | 0.005215 | ±2.5 | PASS |
| Band41 | 15MHz | QPSK | 40690 | 75RB#0 | NV | 20 | 14.68 | 0.005646 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | NV | -30 | 69.51 | 0.026735 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | NV | -20 | 42.34 | 0.016285 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | NV | 0 | 33.82 | 0.013008 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | NV | 10 | -17.74 | -0.006823 | ±2.5 | PASS |
| Band41 | 20MHz | QPSK | 40690 | 100RB#0 | NV | 20 | 40.44 | 0.015554 | ±2.5 | PASS |

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