# Appendix B

## E-UTRA Band CA_7C

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# 1 Effective (Isotropic) Radiated Power Output Data

## 1.1 Max Power Test Result for LTE Band CA_7C(ANT31)

| BAND | Test Mode PCC/SCC | Channel PCC/SCC | RB Configuration | | Modulation PCC&SCC | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| | | | PCC | SCC | | | | | |
| CA_7C | 50RB+100RB | 20805+20949 | 1RB#0 | 0RB#0 | QPSK | 21.97 | 19.66 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21006+21150 | 1RB#0 | 0RB#0 | QPSK | 22.52 | 20.21 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21206+21350 | 1RB#0 | 0RB#0 | QPSK | 21.49 | 19.18 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 20825+20945 | 1RB#0 | 0RB#0 | QPSK | 22.31 | 20 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21051+21171 | 1RB#0 | 0RB#0 | QPSK | 22.9 | 20.59 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21277+21397 | 1RB#0 | 0RB#0 | QPSK | 21.89 | 19.58 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 1RB#0 | 0RB#0 | QPSK | 22.2 | 19.89 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 16RB#0 | 0RB#0 | QPSK | 22.33 | 20.02 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 1RB#0 | 0RB#0 | QPSK | 22.77 | 20.46 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 16RB#0 | 0RB#0 | QPSK | 22.96 | 20.65 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 1RB#0 | 0RB#0 | QPSK | 21.76 | 19.45 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 16RB#0 | 0RB#0 | QPSK | 21.91 | 19.6 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 20828+20999 | 1RB#0 | 0RB#0 | QPSK | 22.31 | 20 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21003+21174 | 1RB#0 | 0RB#0 | QPSK | 22.9 | 20.59 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21179+21350 | 1RB#0 | 0RB#0 | QPSK | 21.89 | 19.58 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 1RB#0 | 0RB#0 | QPSK | 22.02 | 19.71 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 12RB#0 | 0RB#0 | QPSK | 22.09 | 19.78 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 1RB#0 | 0RB#0 | QPSK | 22.61 | 20.3 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 12RB#0 | 0RB#0 | QPSK | 22.73 | 20.42 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 1RB#0 | 0RB#0 | QPSK | 21.57 | 19.26 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 12RB#0 | 0RB#0 | QPSK | 21.73 | 19.42 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 1RB#0 | 0RB#0 | QPSK | 21.95 | 19.64 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 16RB#0 | 0RB#0 | QPSK | 22.12 | 19.81 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 1RB#0 | 0RB#0 | QPSK | 22.49 | 20.18 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 16RB#0 | 0RB#0 | QPSK | 22.71 | 20.4 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 1RB#0 | 0RB#0 | QPSK | 21.67 | 19.36 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 16RB#0 | 0RB#0 | QPSK | 21.76 | 19.45 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 1RB#0 | 0RB#0 | QPSK | 21.75 | 19.44 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 18RB#0 | 0RB#0 | QPSK | 21.96 | 19.65 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 1RB#0 | 0RB#0 | QPSK | 22.21 | 19.9 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 18RB#0 | 0RB#0 | QPSK | 22.46 | 20.15 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 1RB#0 | 0RB#0 | QPSK | 21.91 | 19.6 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 18RB#0 | 0RB#0 | QPSK | 21.93 | 19.62 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 20805+20949 | 1RB#0 | 0RB#0 | 16QAM | 21.39 | 19.08 | 33.00 | PASS |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CA_7C | 50RB+100RB | 21006+21150 | 1RB#0 | 0RB#0 | 16QAM | 21.82 | 19.51 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21206+21350 | 1RB#0 | 0RB#0 | 16QAM | 20.85 | 18.54 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 20825+20945 | 1RB#0 | 0RB#0 | 16QAM | 21.69 | 19.38 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21051+21171 | 1RB#0 | 0RB#0 | 16QAM | 22.16 | 19.85 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21277+21397 | 1RB#0 | 0RB#0 | 16QAM | 21.25 | 18.94 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 1RB#0 | 0RB#0 | 16QAM | 21.47 | 19.16 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 16RB#0 | 0RB#0 | 16QAM | 21.34 | 19.03 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 1RB#0 | 0RB#0 | 16QAM | 22.05 | 19.74 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 16RB#0 | 0RB#0 | 16QAM | 21.94 | 19.63 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 1RB#0 | 0RB#0 | 16QAM | 21.01 | 18.7 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 16RB#0 | 0RB#0 | 16QAM | 20.91 | 18.6 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 20828+20999 | 1RB#0 | 0RB#0 | 16QAM | 21.49 | 19.18 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21003+21174 | 1RB#0 | 0RB#0 | 16QAM | 21.91 | 19.6 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21179+21350 | 1RB#0 | 0RB#0 | 16QAM | 21.14 | 18.83 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 1RB#0 | 0RB#0 | 16QAM | 21.32 | 19.01 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 12RB#0 | 0RB#0 | 16QAM | 21.17 | 18.86 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 1RB#0 | 0RB#0 | 16QAM | 21.93 | 19.62 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 12RB#0 | 0RB#0 | 16QAM | 21.73 | 19.42 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 1RB#0 | 0RB#0 | 16QAM | 20.87 | 18.56 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 12RB#0 | 0RB#0 | 16QAM | 20.75 | 18.44 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 1RB#0 | 0RB#0 | 16QAM | 21.37 | 19.06 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 16RB#0 | 0RB#0 | 16QAM | 21.13 | 18.82 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 1RB#0 | 0RB#0 | 16QAM | 21.88 | 19.57 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 16RB#0 | 0RB#0 | 16QAM | 21.66 | 19.35 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 1RB#0 | 0RB#0 | 16QAM | 20.97 | 18.66 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 16RB#0 | 0RB#0 | 16QAM | 20.78 | 18.47 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 1RB#0 | 0RB#0 | 16QAM | 21.02 | 18.71 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 18RB#0 | 0RB#0 | 16QAM | 20.93 | 18.62 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 1RB#0 | 0RB#0 | 16QAM | 21.53 | 19.22 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 18RB#0 | 0RB#0 | 16QAM | 21.49 | 19.18 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 1RB#0 | 0RB#0 | 16QAM | 21.23 | 18.92 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 18RB#0 | 0RB#0 | 16QAM | 20.93 | 18.62 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 20805+20949 | 1RB#0 | 0RB#0 | 64QAM | 20.6 | 18.29 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21006+21150 | 1RB#0 | 0RB#0 | 64QAM | 21 | 18.69 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21206+21350 | 1RB#0 | 0RB#0 | 64QAM | 20.53 | 18.22 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 20825+20945 | 1RB#0 | 0RB#0 | 64QAM | 20.94 | 18.63 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21051+21171 | 1RB#0 | 0RB#0 | 64QAM | 21.32 | 19.01 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21277+21397 | 1RB#0 | 0RB#0 | 64QAM | 20.33 | 18.02 | 33.00 | PASS |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CA_7C | 75RB+75RB | 20825+20975 | 1RB#0 | 0RB#0 | 64QAM | 20.74 | 18.43 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 16RB#0 | 0RB#0 | 64QAM | 20.6 | 18.29 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 1RB#0 | 0RB#0 | 64QAM | 21.23 | 18.92 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 16RB#0 | 0RB#0 | 64QAM | 21.1 | 18.79 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 1RB#0 | 0RB#0 | 64QAM | 20.4 | 18.09 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 16RB#0 | 0RB#0 | 64QAM | 20.21 | 17.9 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 20828+20999 | 1RB#0 | 0RB#0 | 64QAM | 20.94 | 18.63 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21003+21174 | 1RB#0 | 0RB#0 | 64QAM | 21.32 | 19.01 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21179+21350 | 1RB#0 | 0RB#0 | 64QAM | 20.33 | 18.02 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 1RB#0 | 0RB#0 | 64QAM | 20.68 | 18.37 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 12RB#0 | 0RB#0 | 64QAM | 20.48 | 18.17 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 1RB#0 | 0RB#0 | 64QAM | 21.05 | 18.74 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 12RB#0 | 0RB#0 | 64QAM | 20.89 | 18.58 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 1RB#0 | 0RB#0 | 64QAM | 20.24 | 17.93 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 12RB#0 | 0RB#0 | 64QAM | 20.07 | 17.76 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 1RB#0 | 0RB#0 | 64QAM | 20.59 | 18.28 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 16RB#0 | 0RB#0 | 64QAM | 20.32 | 18.01 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 1RB#0 | 0RB#0 | 64QAM | 20.85 | 18.54 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 16RB#0 | 0RB#0 | 64QAM | 20.79 | 18.48 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 1RB#0 | 0RB#0 | 64QAM | 20.31 | 18 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 16RB#0 | 0RB#0 | 64QAM | 20.2 | 17.89 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 1RB#0 | 0RB#0 | 64QAM | 20.41 | 18.1 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 18RB#0 | 0RB#0 | 64QAM | 20.25 | 17.94 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 1RB#0 | 0RB#0 | 64QAM | 20.6 | 18.29 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 18RB#0 | 0RB#0 | 64QAM | 20.57 | 18.26 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 1RB#0 | 0RB#0 | 64QAM | 20.65 | 18.34 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 18RB#0 | 0RB#0 | 64QAM | 20.43 | 18.12 | 33.00 | PASS |

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## 1.2 Max Power Test Result for LTE Band CA_7C(ANT13)

| BAND | Test Mode PCC/SCC | Channel PCC/SCC | RB Configuration | | Modulation PCC&SCC | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| | | | PCC | SCC | | | | | |
| CA_7C | 50RB+100RB | 20805+20949 | 1RB#0 | 0RB#0 | QPSK | 22.24 | 20.2 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21006+21150 | 1RB#0 | 0RB#0 | QPSK | 22.37 | 20.33 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21206+21350 | 1RB#0 | 0RB#0 | QPSK | 22.38 | 20.34 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 20825+20945 | 1RB#0 | 0RB#0 | QPSK | 22.44 | 20.4 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21051+21171 | 1RB#0 | 0RB#0 | QPSK | 22.74 | 20.7 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21277+21397 | 1RB#0 | 0RB#0 | QPSK | 22.69 | 20.65 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 1RB#0 | 0RB#0 | QPSK | 22.55 | 20.51 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 16RB#0 | 0RB#0 | QPSK | 22.49 | 20.45 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 1RB#0 | 0RB#0 | QPSK | 22.79 | 20.75 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 16RB#0 | 0RB#0 | QPSK | 22.58 | 20.54 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 1RB#0 | 0RB#0 | QPSK | 22.73 | 20.69 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 16RB#0 | 0RB#0 | QPSK | 22.58 | 20.54 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 20828+20999 | 1RB#0 | 0RB#0 | QPSK | 22.45 | 20.41 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21003+21174 | 1RB#0 | 0RB#0 | QPSK | 22.45 | 20.41 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21179+21350 | 1RB#0 | 0RB#0 | QPSK | 22.45 | 20.41 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 1RB#0 | 0RB#0 | QPSK | 22.39 | 20.35 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 12RB#0 | 0RB#0 | QPSK | 22.3 | 20.26 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 1RB#0 | 0RB#0 | QPSK | 22.55 | 20.51 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 12RB#0 | 0RB#0 | QPSK | 22.42 | 20.38 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 1RB#0 | 0RB#0 | QPSK | 22.5 | 20.46 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 12RB#0 | 0RB#0 | QPSK | 22.4 | 20.36 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 1RB#0 | 0RB#0 | QPSK | 22.46 | 20.42 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 16RB#0 | 0RB#0 | QPSK | 22.32 | 20.28 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 1RB#0 | 0RB#0 | QPSK | 22.54 | 20.5 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 16RB#0 | 0RB#0 | QPSK | 22.31 | 20.27 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 1RB#0 | 0RB#0 | QPSK | 22.45 | 20.41 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 16RB#0 | 0RB#0 | QPSK | 22.3 | 20.26 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 1RB#0 | 0RB#0 | QPSK | 22.43 | 20.39 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 18RB#0 | 0RB#0 | QPSK | 22.27 | 20.23 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 1RB#0 | 0RB#0 | QPSK | 22.37 | 20.33 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 18RB#0 | 0RB#0 | QPSK | 22.11 | 20.07 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 1RB#0 | 0RB#0 | QPSK | 22.36 | 20.32 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 18RB#0 | 0RB#0 | QPSK | 22.17 | 20.13 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 20805+20949 | 1RB#0 | 0RB#0 | 16QAM | 21.57 | 19.53 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21006+21150 | 1RB#0 | 0RB#0 | 16QAM | 21.73 | 19.69 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21206+21350 | 1RB#0 | 0RB#0 | 16QAM | 21.61 | 19.57 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 20825+20945 | 1RB#0 | 0RB#0 | 16QAM | 21.75 | 19.71 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21051+21171 | 1RB#0 | 0RB#0 | 16QAM | 22 | 19.96 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21277+21397 | 1RB#0 | 0RB#0 | 16QAM | 21.92 | 19.88 | 33.00 | PASS |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CA_7C | 75RB+75RB | 20825+20975 | 1RB#0 | 0RB#0 | 16QAM | 21.55 | 19.51 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 16RB#0 | 0RB#0 | 16QAM | 21.76 | 19.72 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 1RB#0 | 0RB#0 | 16QAM | 21.74 | 19.7 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 16RB#0 | 0RB#0 | 16QAM | 21.8 | 19.76 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 1RB#0 | 0RB#0 | 16QAM | 21.72 | 19.68 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 16RB#0 | 0RB#0 | 16QAM | 21.86 | 19.82 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 20828+20999 | 1RB#0 | 0RB#0 | 16QAM | 21.85 | 19.81 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21003+21174 | 1RB#0 | 0RB#0 | 16QAM | 21.88 | 19.84 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21179+21350 | 1RB#0 | 0RB#0 | 16QAM | 21.65 | 19.61 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 1RB#0 | 0RB#0 | 16QAM | 21.41 | 19.37 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 12RB#0 | 0RB#0 | 16QAM | 21.56 | 19.52 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 1RB#0 | 0RB#0 | 16QAM | 21.59 | 19.55 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 12RB#0 | 0RB#0 | 16QAM | 21.83 | 19.79 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 1RB#0 | 0RB#0 | 16QAM | 21.54 | 19.5 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 12RB#0 | 0RB#0 | 16QAM | 21.77 | 19.73 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 1RB#0 | 0RB#0 | 16QAM | 21.45 | 19.41 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 16RB#0 | 0RB#0 | 16QAM | 21.63 | 19.59 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 1RB#0 | 0RB#0 | 16QAM | 21.5 | 19.46 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 16RB#0 | 0RB#0 | 16QAM | 21.62 | 19.58 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 1RB#0 | 0RB#0 | 16QAM | 21.45 | 19.41 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 16RB#0 | 0RB#0 | 16QAM | 21.61 | 19.57 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 1RB#0 | 0RB#0 | 16QAM | 21.44 | 19.4 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 18RB#0 | 0RB#0 | 16QAM | 21.62 | 19.58 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 1RB#0 | 0RB#0 | 16QAM | 21.38 | 19.34 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 18RB#0 | 0RB#0 | 16QAM | 21.44 | 19.4 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 1RB#0 | 0RB#0 | 16QAM | 21.35 | 19.31 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 18RB#0 | 0RB#0 | 16QAM | 21.53 | 19.49 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 20805+20949 | 1RB#0 | 0RB#0 | 64QAM | 20.53 | 18.49 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21006+21150 | 1RB#0 | 0RB#0 | 64QAM | 20.57 | 18.53 | 33.00 | PASS |
| CA_7C | 50RB+100RB | 21206+21350 | 1RB#0 | 0RB#0 | 64QAM | 20.63 | 18.59 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 20825+20945 | 1RB#0 | 0RB#0 | 64QAM | 20.7 | 18.66 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21051+21171 | 1RB#0 | 0RB#0 | 64QAM | 20.97 | 18.93 | 33.00 | PASS |
| CA_7C | 75RB+50RB | 21277+21397 | 1RB#0 | 0RB#0 | 64QAM | 20.92 | 18.88 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 1RB#0 | 0RB#0 | 64QAM | 20.5 | 18.46 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 20825+20975 | 16RB#0 | 0RB#0 | 64QAM | 20.77 | 18.73 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 1RB#0 | 0RB#0 | 64QAM | 20.71 | 18.67 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21025+21175 | 16RB#0 | 0RB#0 | 64QAM | 20.85 | 18.81 | 33.00 | PASS |
| CA_7C | 75RB+75RB | 21225+21375 | 1RB#0 | 0RB#0 | 64QAM | 20.66 | 18.62 | 33.00 | PASS |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CA_7C | 75RB+75RB | 21225+21375 | 16RB#0 | 0RB#0 | 64QAM | 20.85 | 18.81 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 20828+20999 | 1RB#0 | 0RB#0 | 64QAM | 20.63 | 18.59 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21003+21174 | 1RB#0 | 0RB#0 | 64QAM | 20.62 | 18.58 | 33.00 | PASS |
| CA_7C | 75RB+100RB | 21179+21350 | 1RB#0 | 0RB#0 | 64QAM | 20.69 | 18.65 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 1RB#0 | 0RB#0 | 64QAM | 20.31 | 18.27 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 20850+20994 | 12RB#0 | 0RB#0 | 64QAM | 20.57 | 18.53 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 1RB#0 | 0RB#0 | 64QAM | 20.52 | 18.48 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21051+21195 | 12RB#0 | 0RB#0 | 64QAM | 20.64 | 18.6 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 1RB#0 | 0RB#0 | 64QAM | 20.47 | 18.43 | 33.00 | PASS |
| CA_7C | 100RB+50RB | 21251+21395 | 12RB#0 | 0RB#0 | 64QAM | 20.68 | 18.64 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 1RB#0 | 0RB#0 | 64QAM | 20.42 | 18.38 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 20850+21021 | 16RB#0 | 0RB#0 | 64QAM | 20.55 | 18.51 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 1RB#0 | 0RB#0 | 64QAM | 20.49 | 18.45 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21026+21197 | 16RB#0 | 0RB#0 | 64QAM | 20.59 | 18.55 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 1RB#0 | 0RB#0 | 64QAM | 20.38 | 18.34 | 33.00 | PASS |
| CA_7C | 100RB+75RB | 21201+21372 | 16RB#0 | 0RB#0 | 64QAM | 20.56 | 18.52 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 1RB#0 | 0RB#0 | 64QAM | 20.4 | 18.36 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 20850+21048 | 18RB#0 | 0RB#0 | 64QAM | 20.51 | 18.47 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 1RB#0 | 0RB#0 | 64QAM | 20.31 | 18.27 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21001+21199 | 18RB#0 | 0RB#0 | 64QAM | 20.45 | 18.41 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 1RB#0 | 0RB#0 | 64QAM | 20.31 | 18.27 | 33.00 | PASS |
| CA_7C | 100RB+100RB | 21152+21350 | 18RB#0 | 0RB#0 | 64QAM | 20.37 | 18.33 | 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]

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# 2 Peak-to-Average Ratio

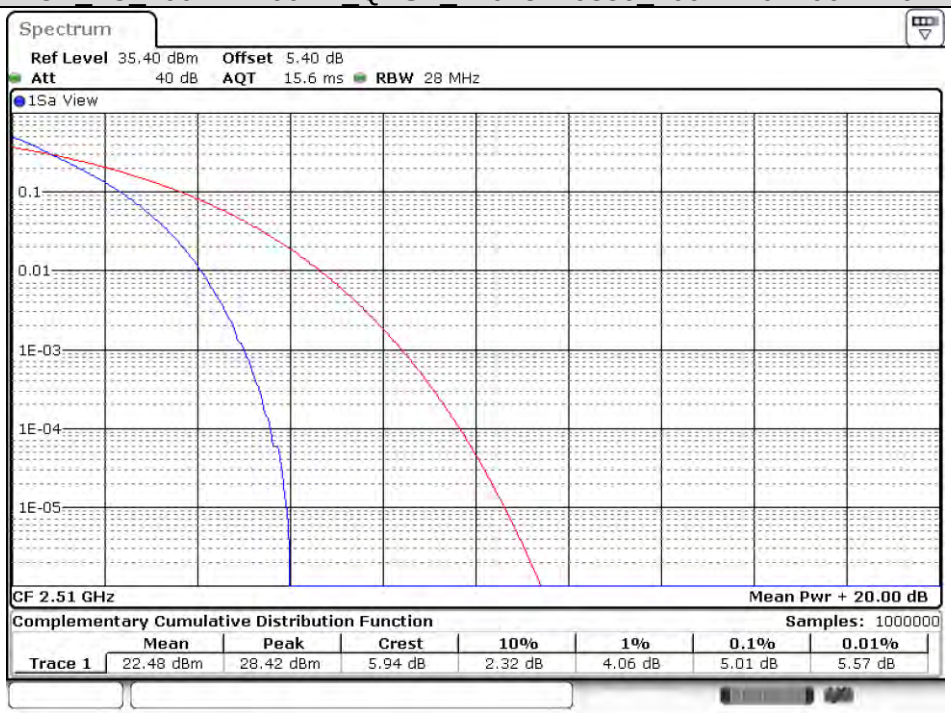
**Part I - Test Results**

| Test Band | Modulation | Test Mode | Test Channel | PCC RB Config | SCC RB Config | Measured [dB] | Limit [dB] | Verdict |
|---|---|---|---|---|---|---|---|---|
| CA_7C | QPSK | 100RB+100RB | 21048+20850 | 100RB#0 | 100RB#0 | 5.01 | 13.00 | PASS |
| CA_7C | QPSK | 100RB+100RB | 21199+21001 | 100RB#0 | 100RB#0 | 4.58 | 13.00 | PASS |
| CA_7C | QPSK | 100RB+100RB | 21350+21152 | 100RB#0 | 100RB#0 | 5.42 | 13.00 | PASS |
| CA_7C | 16QAM | 100RB+100RB | 21048+20850 | 100RB#0 | 100RB#0 | 5.77 | 13.00 | PASS |
| CA_7C | 16QAM | 100RB+100RB | 21199+21001 | 100RB#0 | 100RB#0 | 6.03 | 13.00 | PASS |
| CA_7C | 16QAM | 100RB+100RB | 21350+21152 | 100RB#0 | 100RB#0 | 6.20 | 13.00 | PASS |
| CA_7C | 64QAM | 100RB+100RB | 21048+20850 | 100RB#0 | 100RB#0 | 6.09 | 13.00 | PASS |
| CA_7C | 64QAM | 100RB+100RB | 21199+21001 | 100RB#0 | 100RB#0 | 6.35 | 13.00 | PASS |
| CA_7C | 64QAM | 100RB+100RB | 21350+21152 | 100RB#0 | 100RB#0 | 6.43 | 13.00 | PASS |

## 2.1 For LTE

### 2.1.1 Test Band = LTE Band CA_7C

CA_7C_100RB+100RB_QPSK_21048+20850_100RB#0+100RB#0

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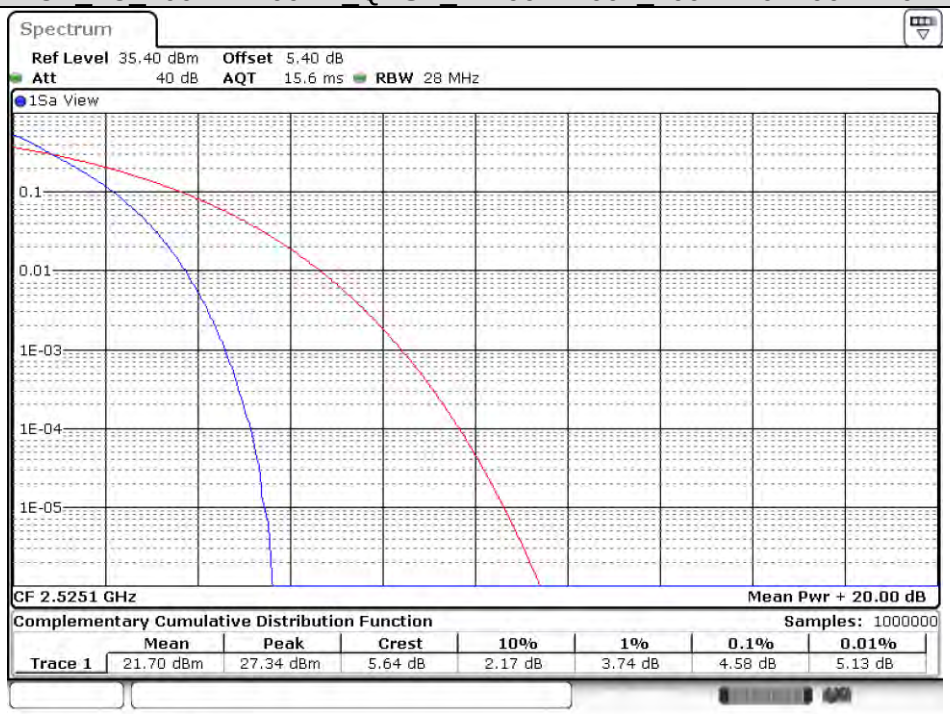
CA_7C_100RB+100RB_QPSK_21199+21001_100RB#0+100RB#0




Date: 30.MAR.2021 10:46:59

CA_7C_100RB+100RB_QPSK_21350+21152_100RB#0+100RB#0

Date: 30.MAR.2021 10:47:22

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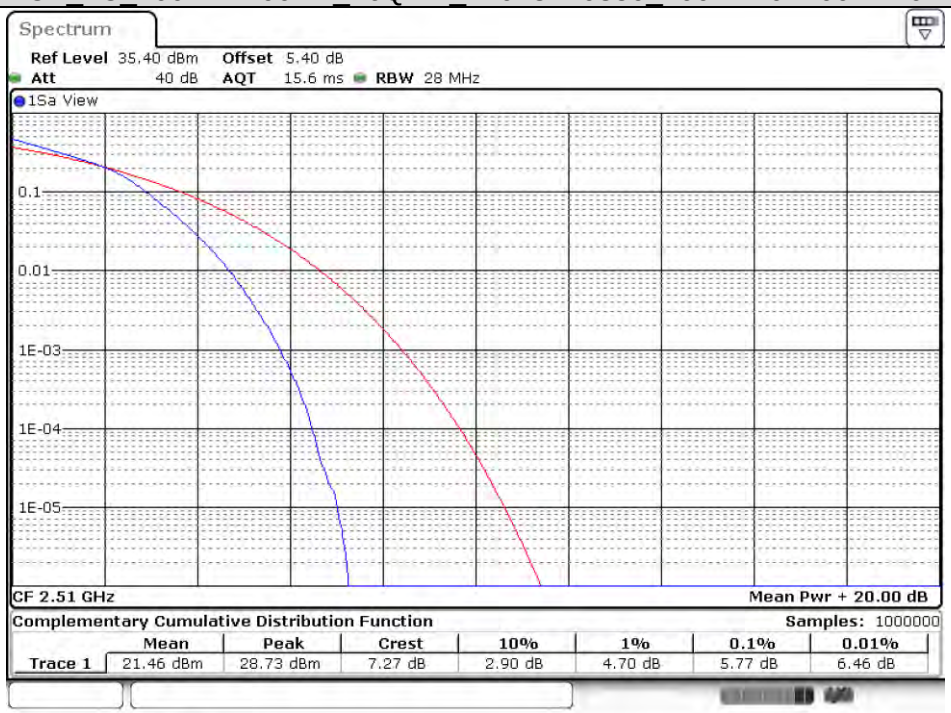


Date: 30.MAR.2021 10:46:48

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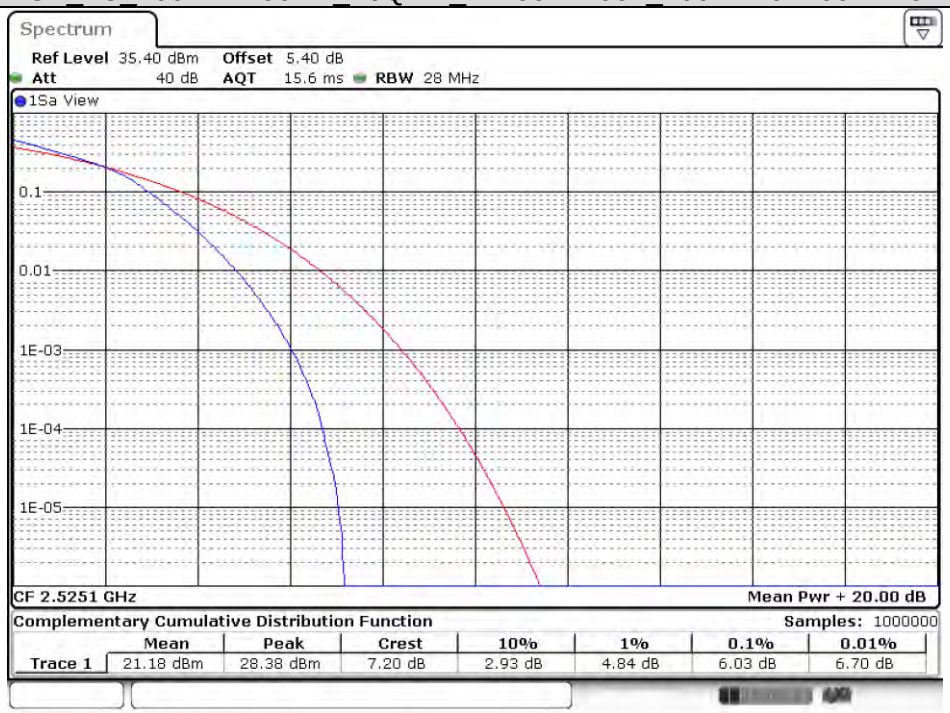


Date: 30.MAR.2021 10:47:10

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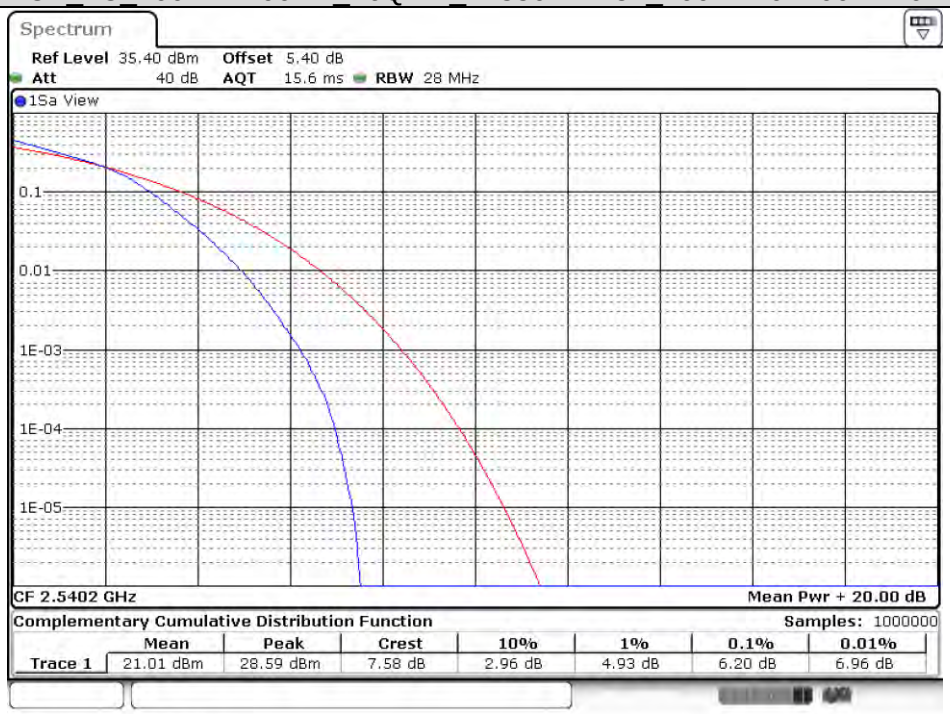
CA_7C_100RB+100RB_16QAM_21350+21152_100RB#0+100RB#0




Date: 30.MAR.2021 10:47:33

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Date: 30.MAR.2021 10:48:17

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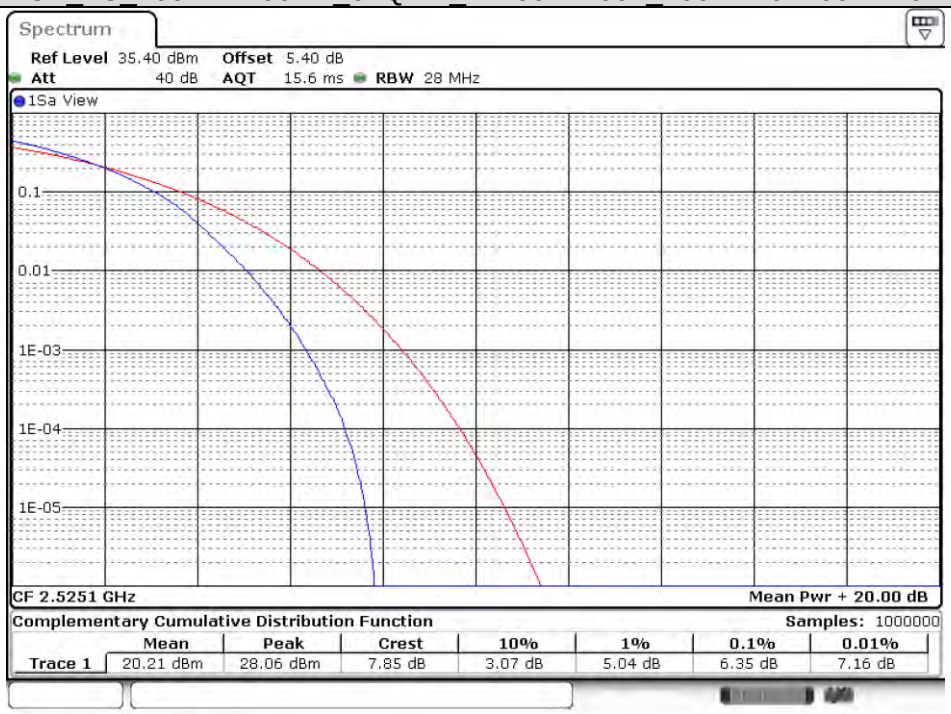
CA_7C_100RB+100RB_64QAM_21199+21001_100RB#0+100RB#0




Date: 30.MAR.2021 10:48:28

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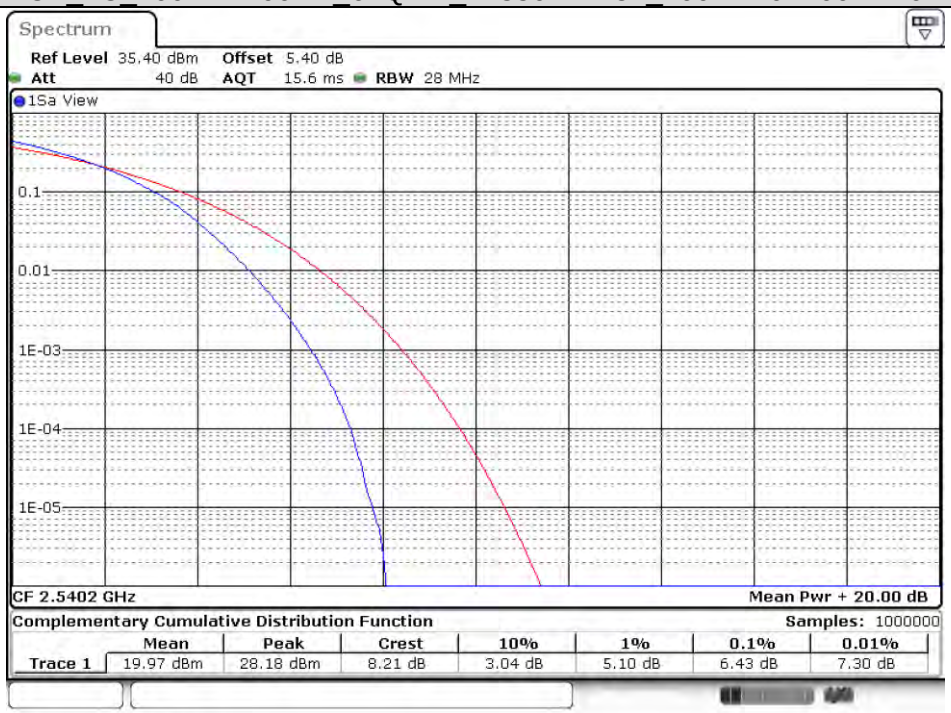


Date: 30.MAR.2021 10:48:39

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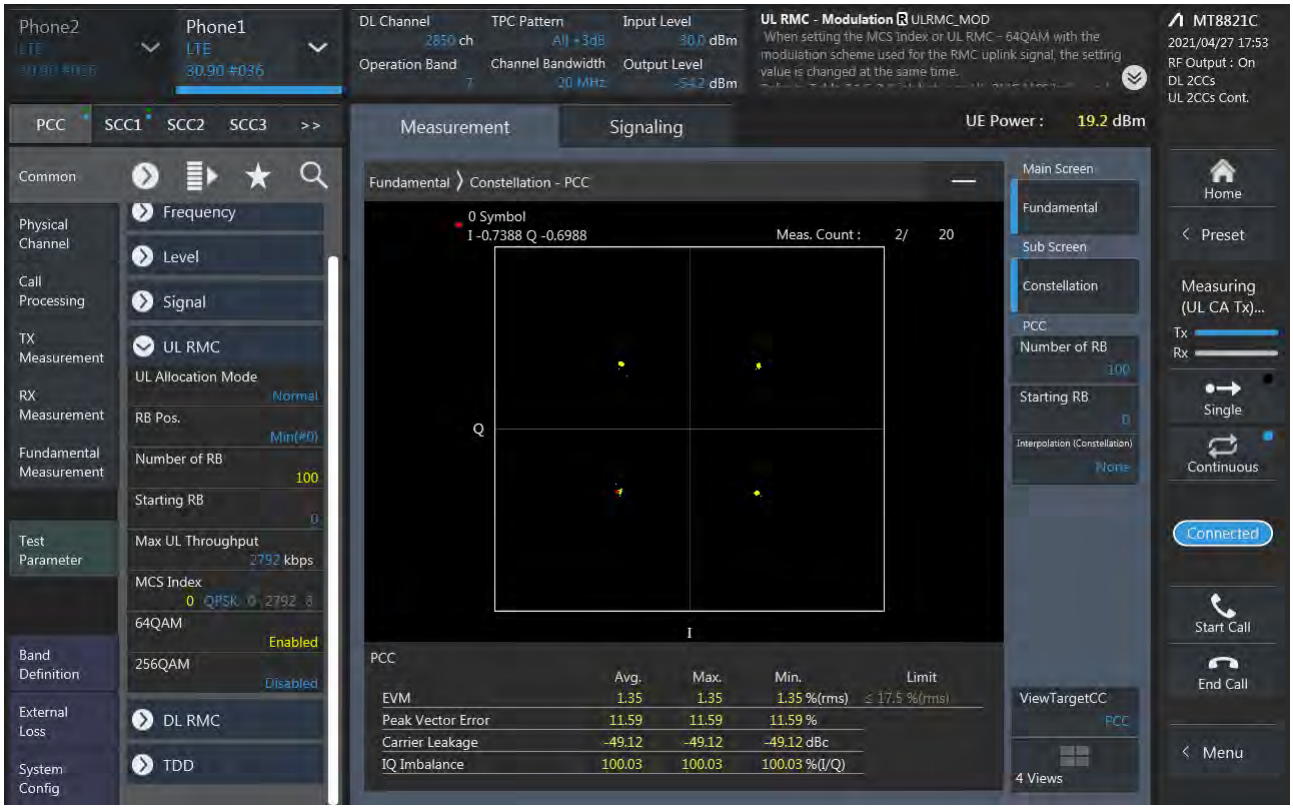
# 3 Modulation Characteristics

## 3.1 For LTE

### 3.1.1 Test Band = LTE Band CA_7C

#### 3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

##### 3.1.1.1.1 Test Channel = 20850+20994

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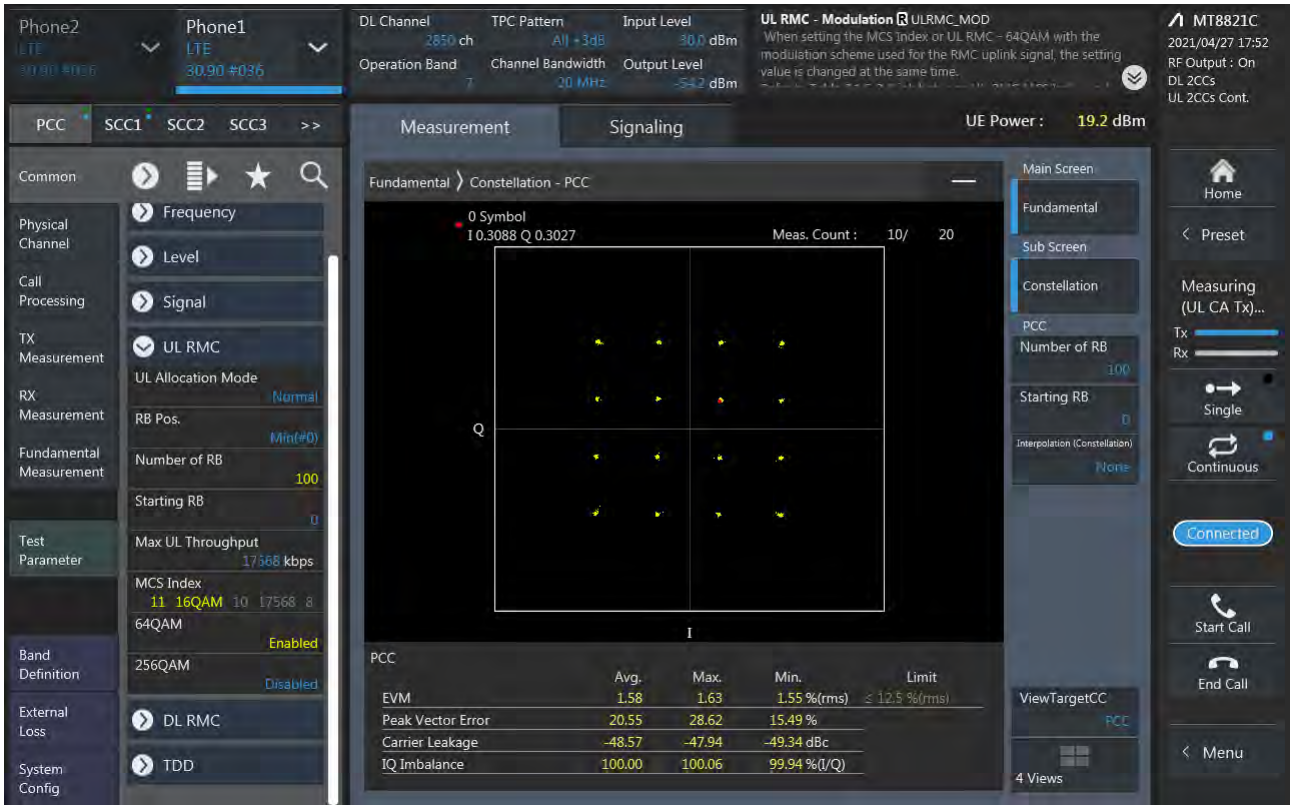
### 3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

#### 3.1.1.2.1 Test Channel =20850+20994

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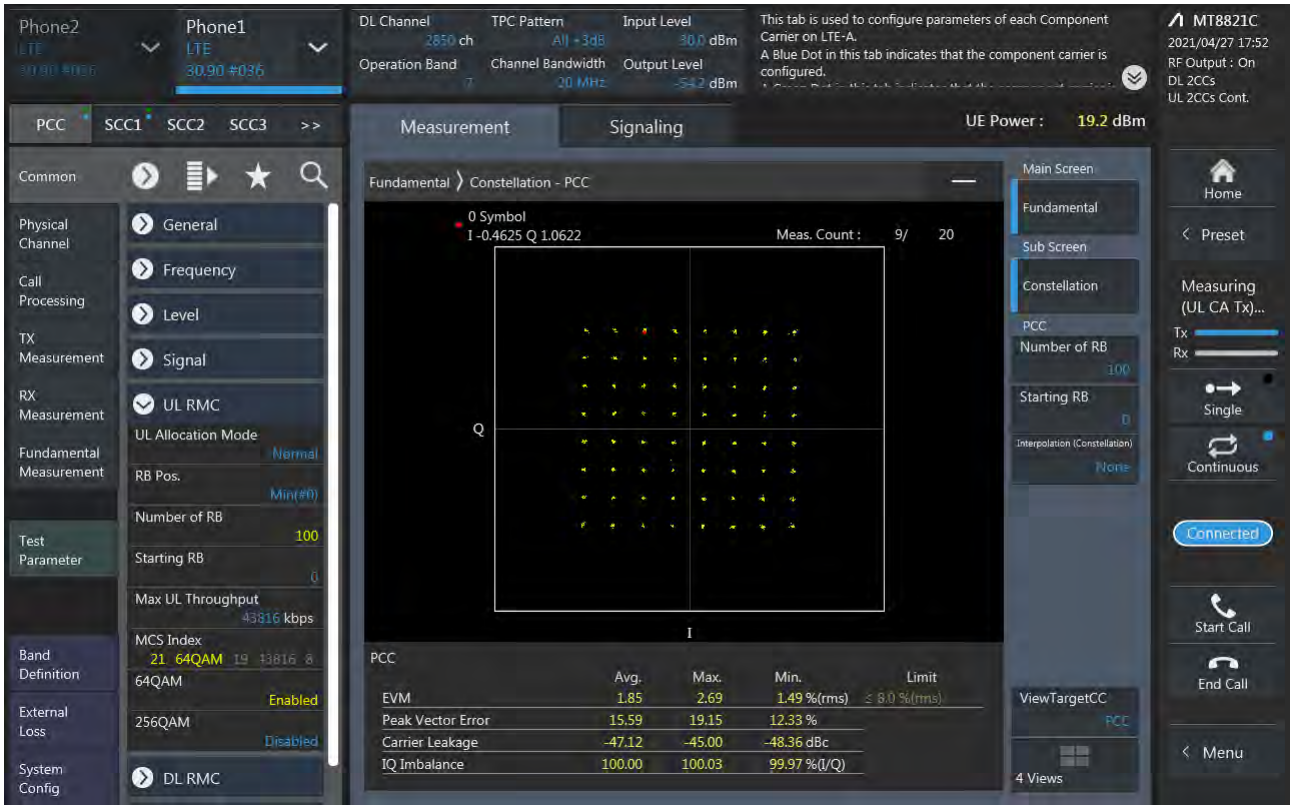
### 3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

#### 3.1.1.3.1 Test Channel = 20850+20994

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# 4 26dB Bandwidth and Occupied Bandwidth

| Test Band | Test Mode PCC/SCC | Modulation PCC&SCC | Test Channel PCC/SCC | RB Config | OBW [MHz] | EBW [MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| CA_7C | 50RB+100RB | QPSK | 20805+20949 | 50RB#0+100RB#0 | 27.56 | 28.57 | PASS |
| CA_7C | 50RB+100RB | 16QAM | 20805+20949 | 50RB#0+100RB#0 | 27.56 | 28.57 | PASS |
| CA_7C | 50RB+100RB | 64QAM | 20805+20949 | 50RB#0+100RB#0 | 27.56 | 28.57 | PASS |
| CA_7C | 50RB+100RB | QPSK | 21006+21150 | 50RB#0+100RB#0 | 27.50 | 28.54 | PASS |
| CA_7C | 50RB+100RB | 16QAM | 21006+21150 | 50RB#0+100RB#0 | 27.49 | 28.55 | PASS |
| CA_7C | 50RB+100RB | 64QAM | 21006+21150 | 50RB#0+100RB#0 | 27.49 | 28.57 | PASS |
| CA_7C | 50RB+100RB | QPSK | 21206+21350 | 50RB#0+100RB#0 | 27.49 | 28.55 | PASS |
| CA_7C | 50RB+100RB | 16QAM | 21206+21350 | 50RB#0+100RB#0 | 27.49 | 28.54 | PASS |
| CA_7C | 50RB+100RB | 64QAM | 21206+21350 | 50RB#0+100RB#0 | 27.50 | 28.58 | PASS |
| CA_7C | 75RB+50RB | QPSK | 20825+20945 | 75RB#0+50RB#0 | 23.11 | 24.38 | PASS |
| CA_7C | 75RB+50RB | 16QAM | 20825+20945 | 75RB#0+50RB#0 | 23.11 | 24.41 | PASS |
| CA_7C | 75RB+50RB | 64QAM | 20825+20945 | 75RB#0+50RB#0 | 23.10 | 24.39 | PASS |
| CA_7C | 75RB+50RB | QPSK | 21051+21171 | 75RB#0+50RB#0 | 23.10 | 24.41 | PASS |
| CA_7C | 75RB+50RB | 16QAM | 21051+21171 | 75RB#0+50RB#0 | 23.10 | 24.41 | PASS |
| CA_7C | 75RB+50RB | 64QAM | 21051+21171 | 75RB#0+50RB#0 | 23.09 | 24.38 | PASS |
| CA_7C | 75RB+50RB | QPSK | 21277+21397 | 75RB#0+50RB#0 | 23.10 | 24.42 | PASS |
| CA_7C | 75RB+50RB | 16QAM | 21277+21397 | 75RB#0+50RB#0 | 23.10 | 24.41 | PASS |
| CA_7C | 75RB+50RB | 64QAM | 21277+21397 | 75RB#0+50RB#0 | 23.09 | 24.41 | PASS |
| CA_7C | 75RB+75RB | QPSK | 20825+20975 | 75RB#0+75RB#0 | 28.22 | 29.18 | PASS |
| CA_7C | 75RB+75RB | 16QAM | 20825+20975 | 75RB#0+75RB#0 | 28.22 | 29.21 | PASS |
| CA_7C | 75RB+75RB | 64QAM | 20825+20975 | 75RB#0+75RB#0 | 28.19 | 29.18 | PASS |
| CA_7C | 75RB+75RB | QPSK | 21025+21175 | 75RB#0+75RB#0 | 28.18 | 29.20 | PASS |
| CA_7C | 75RB+75RB | 16QAM | 21025+21175 | 75RB#0+75RB#0 | 28.16 | 29.20 | PASS |
| CA_7C | 75RB+75RB | 64QAM | 21025+21175 | 75RB#0+75RB#0 | 28.19 | 29.17 | PASS |
| CA_7C | 75RB+75RB | QPSK | 21225+21375 | 75RB#0+75RB#0 | 28.19 | 29.21 | PASS |
| CA_7C | 75RB+75RB | 16QAM | 21225+21375 | 75RB#0+75RB#0 | 28.19 | 29.17 | PASS |
| CA_7C | 75RB+75RB | 64QAM | 21225+21375 | 75RB#0+75RB#0 | 28.19 | 29.17 | PASS |
| CA_7C | 75RB+100RB | QPSK | 20828+20999 | 75RB#0+100RB#0 | 32.51 | 33.93 | PASS |
| CA_7C | 75RB+100RB | 16QAM | 20828+20999 | 75RB#0+100RB#0 | 32.53 | 33.95 | PASS |
| CA_7C | 75RB+100RB | 64QAM | 20828+20999 | 75RB#0+100RB#0 | 32.51 | 33.95 | PASS |
| CA_7C | 75RB+100RB | QPSK | 21003+21174 | 75RB#0+100RB#0 | 32.45 | 33.91 | PASS |
| CA_7C | 75RB+100RB | 16QAM | 21003+21174 | 75RB#0+100RB#0 | 32.45 | 33.91 | PASS |
| CA_7C | 75RB+100RB | 64QAM | 21003+21174 | 75RB#0+100RB#0 | 32.47 | 33.91 | PASS |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CA_7C | 75RB+100RB | QPSK | 21179+21350 | 75RB#0+100RB#0 | 32.47 | 33.93 | PASS |
| CA_7C | 75RB+100RB | 16QAM | 21179+21350 | 75RB#0+100RB#0 | 32.47 | 33.95 | PASS |
| CA_7C | 75RB+100RB | 64QAM | 21179+21350 | 75RB#0+100RB#0 | 32.45 | 33.93 | PASS |
| CA_7C | 100RB+50RB | QPSK | 20850+20994 | 100RB#0+50RB#0 | 27.70 | 29.08 | PASS |
| CA_7C | 100RB+50RB | 16QAM | 20850+20994 | 100RB#0+50RB#0 | 27.70 | 29.08 | PASS |
| CA_7C | 100RB+50RB | 64QAM | 20850+20994 | 100RB#0+50RB#0 | 27.70 | 29.08 | PASS |
| CA_7C | 100RB+50RB | QPSK | 21051+21195 | 100RB#0+50RB#0 | 27.68 | 29.11 | PASS |
| CA_7C | 100RB+50RB | 16QAM | 21051+21195 | 100RB#0+50RB#0 | 27.68 | 29.09 | PASS |
| CA_7C | 100RB+50RB | 64QAM | 21051+21195 | 100RB#0+50RB#0 | 27.68 | 29.08 | PASS |
| CA_7C | 100RB+50RB | QPSK | 21251+21395 | 100RB#0+50RB#0 | 27.71 | 29.08 | PASS |
| CA_7C | 100RB+50RB | 16QAM | 21251+21395 | 100RB#0+50RB#0 | 27.71 | 29.09 | PASS |
| CA_7C | 100RB+50RB | 64QAM | 21251+21395 | 100RB#0+50RB#0 | 27.70 | 29.11 | PASS |
| CA_7C | 100RB+75RB | QPSK | 20850+21021 | 100RB#0+75RB#0 | 32.59 | 33.99 | PASS |
| CA_7C | 100RB+75RB | 16QAM | 20850+21021 | 100RB#0+75RB#0 | 32.57 | 34.01 | PASS |
| CA_7C | 100RB+75RB | 64QAM | 20850+21021 | 100RB#0+75RB#0 | 32.57 | 33.99 | PASS |
| CA_7C | 100RB+75RB | QPSK | 21026+21197 | 100RB#0+75RB#0 | 32.57 | 33.99 | PASS |
| CA_7C | 100RB+75RB | 16QAM | 21026+21197 | 100RB#0+75RB#0 | 32.57 | 33.97 | PASS |
| CA_7C | 100RB+75RB | 64QAM | 21026+21197 | 100RB#0+75RB#0 | 32.53 | 33.99 | PASS |
| CA_7C | 100RB+75RB | QPSK | 21201+21372 | 100RB#0+75RB#0 | 32.57 | 34.01 | PASS |
| CA_7C | 100RB+75RB | 16QAM | 21201+21372 | 100RB#0+75RB#0 | 32.57 | 33.99 | PASS |
| CA_7C | 100RB+75RB | 64QAM | 21201+21372 | 100RB#0+75RB#0 | 32.57 | 33.97 | PASS |
| CA_7C | 100RB+100RB | QPSK | 20850+21048 | 100RB#0+100RB#0 | 37.37 | 38.89 | PASS |
| CA_7C | 100RB+100RB | 16QAM | 20850+21048 | 100RB#0+100RB#0 | 37.41 | 38.91 | PASS |
| CA_7C | 100RB+100RB | 64QAM | 20850+21048 | 100RB#0+100RB#0 | 37.39 | 38.89 | PASS |
| CA_7C | 100RB+100RB | QPSK | 21001+21199 | 100RB#0+100RB#0 | 37.37 | 38.89 | PASS |
| CA_7C | 100RB+100RB | 16QAM | 21001+21199 | 100RB#0+100RB#0 | 37.35 | 38.89 | PASS |
| CA_7C | 100RB+100RB | 64QAM | 21001+21199 | 100RB#0+100RB#0 | 37.35 | 38.91 | PASS |
| CA_7C | 100RB+100RB | QPSK | 21152+21350 | 100RB#0+100RB#0 | 37.37 | 38.87 | PASS |
| CA_7C | 100RB+100RB | 16QAM | 21152+21350 | 100RB#0+100RB#0 | 37.37 | 38.89 | PASS |
| CA_7C | 100RB+100RB | 64QAM | 21152+21350 | 100RB#0+100RB#0 | 37.35 | 38.93 | PASS |

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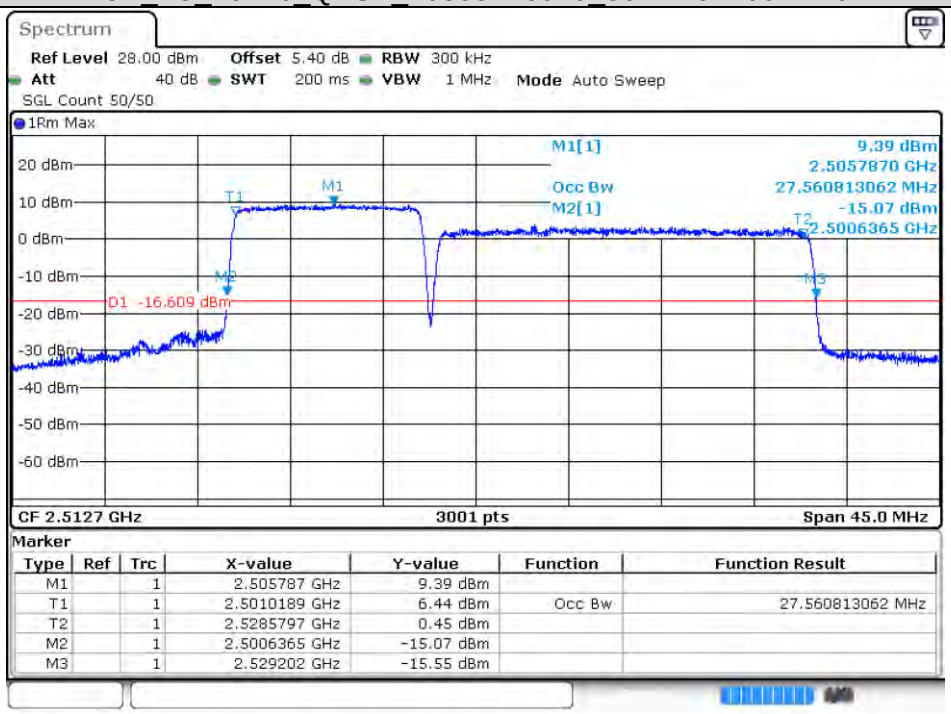
# 4.1 For LTE

## 4.1.1 Test Band = LTE Band CA_7C

CA_7C_10+20_QPSK_20805+20949_50RB#0+100RB#0

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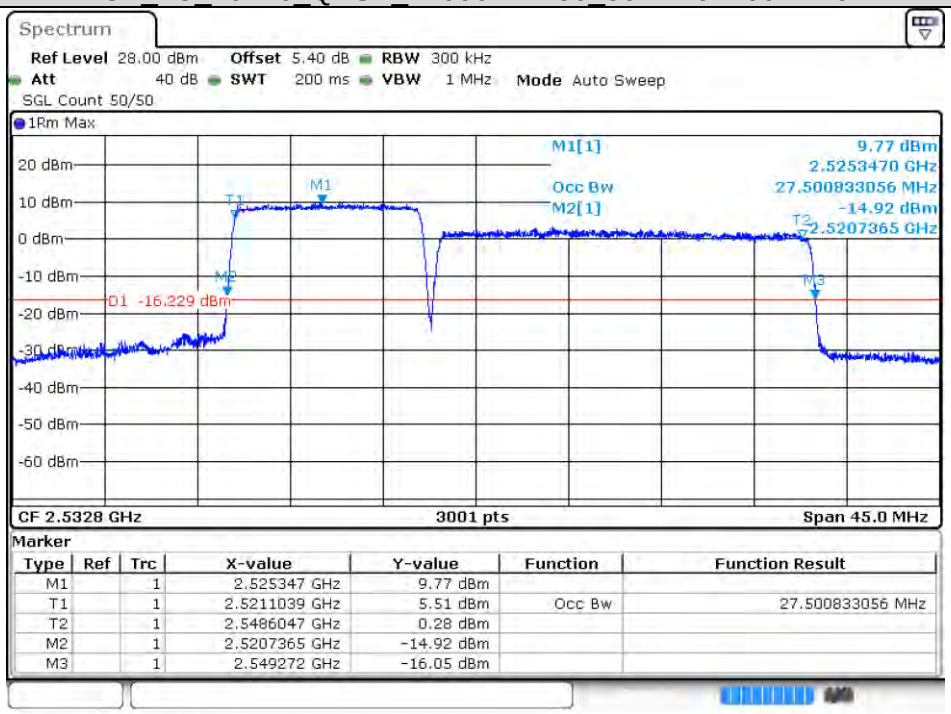
## CA_7C_10+20_QPSK_21006+21150_50RB#0+100RB#0

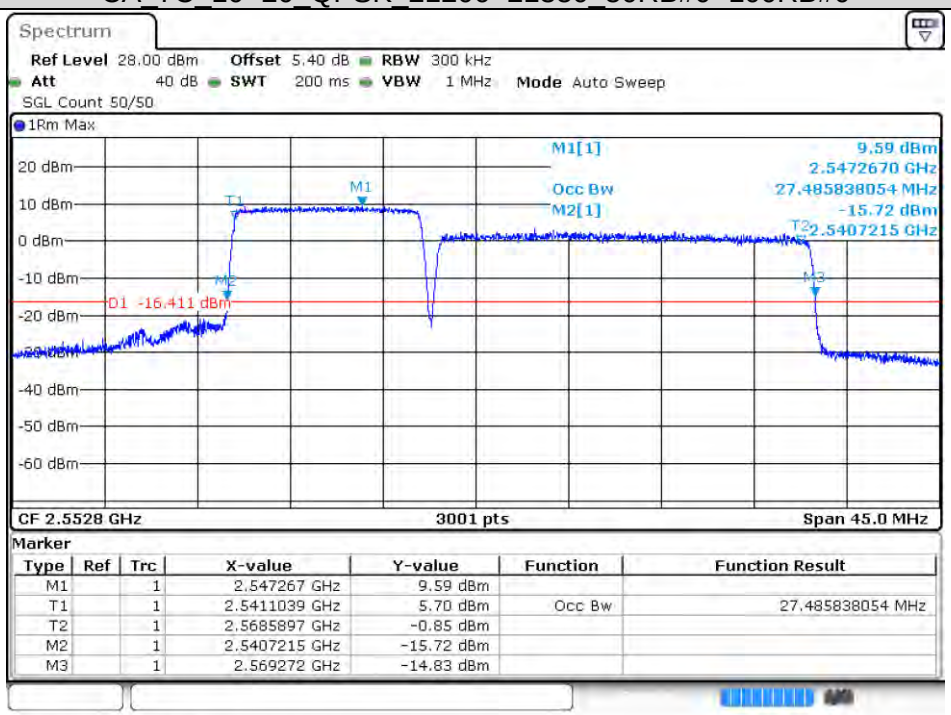



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.525347 GHz | 9.77 dBm | | |
| T1 | | 1 | 2.5211039 GHz | 5.51 dBm | Occ Bw | 27.500833056 MHz |
| T2 | | 1 | 2.5486047 GHz | 0.28 dBm | | |
| M2 | | 1 | 2.5207365 GHz | -14.92 dBm | | |
| M3 | | 1 | 2.549272 GHz | -16.05 dBm | | |

Date: 14.APR.2021 16:35:22

## CA_7C_10+20_QPSK_21206+21350_50RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.547267 GHz | 9.59 dBm | | |
| T1 | | 1 | 2.5411039 GHz | 5.70 dBm | Occ Bw | 27.485838054 MHz |
| T2 | | 1 | 2.5685897 GHz | -0.85 dBm | | |
| M2 | | 1 | 2.5407215 GHz | -15.72 dBm | | |
| M3 | | 1 | 2.569272 GHz | -14.83 dBm | | |

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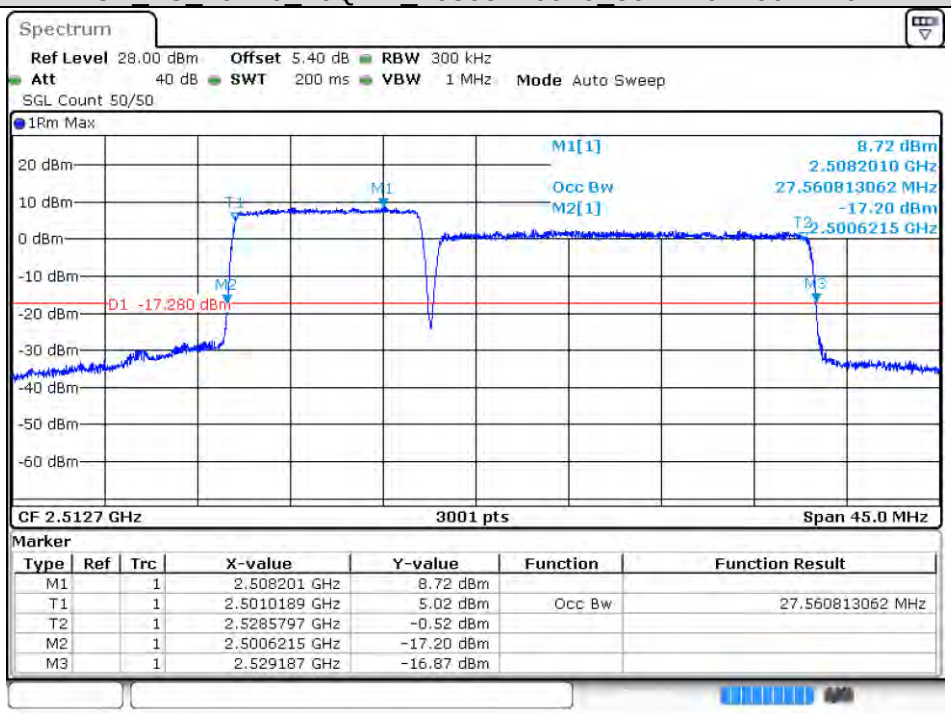
CA_7C_10+20_16QAM_20805+20949_50RB#0+100RB#0

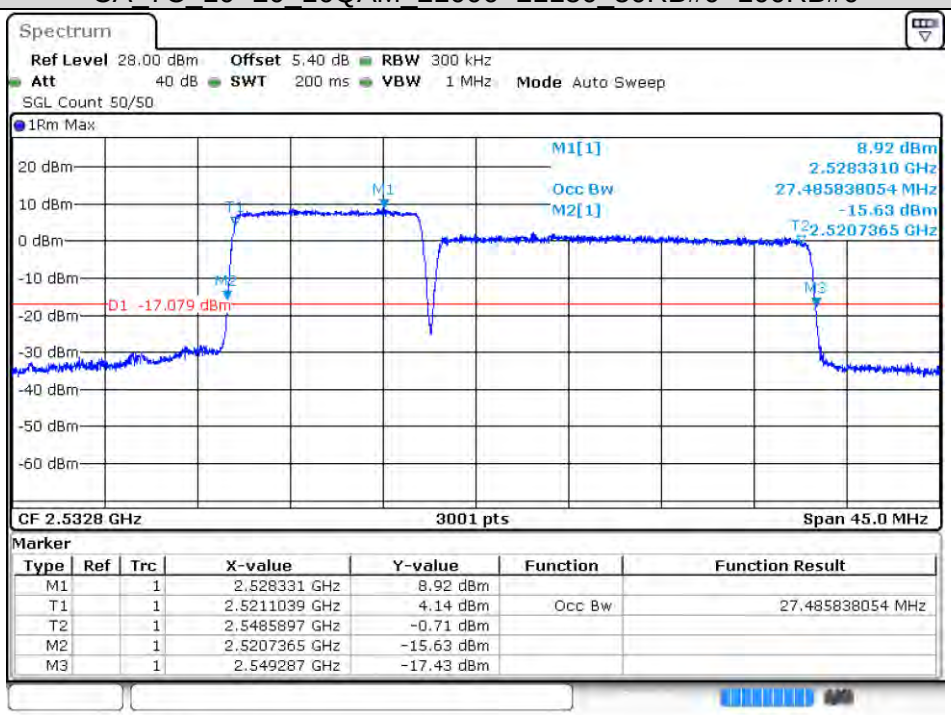



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.508201 GHz | 8.72 dBm | | |
| T1 | | 1 | 2.5010189 GHz | 5.02 dBm | Occ Bw | 27.560813062 MHz |
| T2 | | 1 | 2.5285797 GHz | -0.52 dBm | | |
| M2 | | 1 | 2.5006215 GHz | -17.20 dBm | | |
| M3 | | 1 | 2.529187 GHz | -16.87 dBm | | |

Date: 14.APR.2021 16:34:47

CA_7C_10+20_16QAM_21006+21150_50RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.528331 GHz | 8.92 dBm | | |
| T1 | | 1 | 2.5211039 GHz | 4.14 dBm | Occ Bw | 27.485838054 MHz |
| T2 | | 1 | 2.5485897 GHz | -0.71 dBm | | |
| M2 | | 1 | 2.5207365 GHz | -15.63 dBm | | |
| M3 | | 1 | 2.549287 GHz | -17.43 dBm | | |

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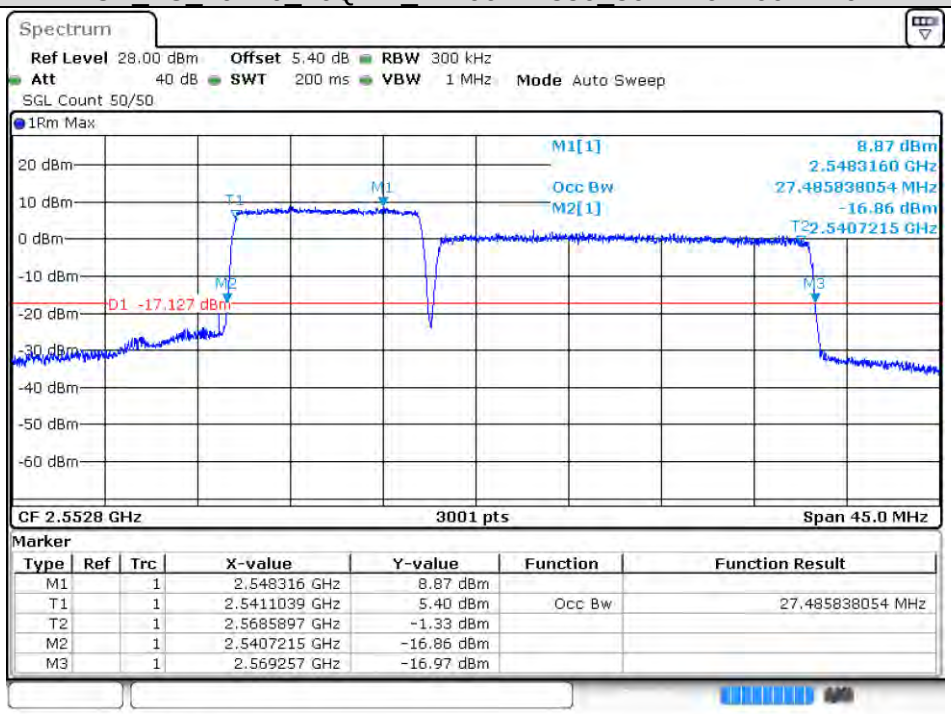
## CA_7C_10+20_16QAM_21206+21350_50RB#0+100RB#0

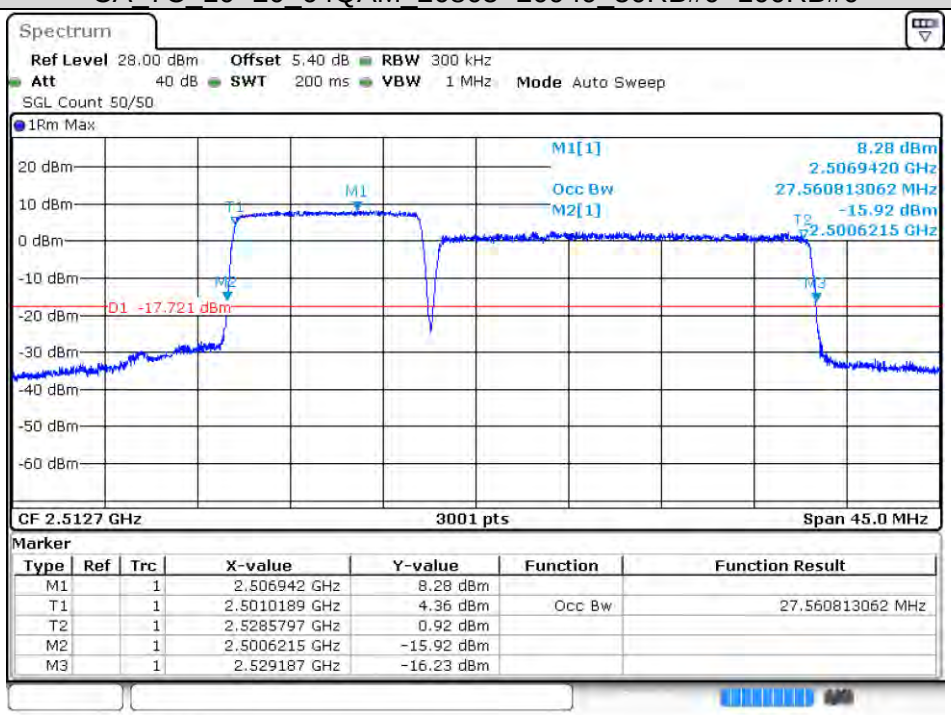



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.548316 GHz | 8.87 dBm | | |
| T1 | | 1 | 2.5411039 GHz | 5.40 dBm | Occ Bw | 27.485838054 MHz |
| T2 | | 1 | 2.5685897 GHz | -1.33 dBm | | |
| M2 | | 1 | 2.5407215 GHz | -16.86 dBm | | |
| M3 | | 1 | 2.569257 GHz | -16.97 dBm | | |

Date: 14.APR.2021 16:36:29

## CA_7C_10+20_64QAM_20805+20949_50RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.506942 GHz | 8.28 dBm | | |
| T1 | | 1 | 2.5010189 GHz | 4.36 dBm | Occ Bw | 27.560813062 MHz |
| T2 | | 1 | 2.5285797 GHz | 0.92 dBm | | |
| M2 | | 1 | 2.5006215 GHz | -15.92 dBm | | |
| M3 | | 1 | 2.529187 GHz | -16.23 dBm | | |

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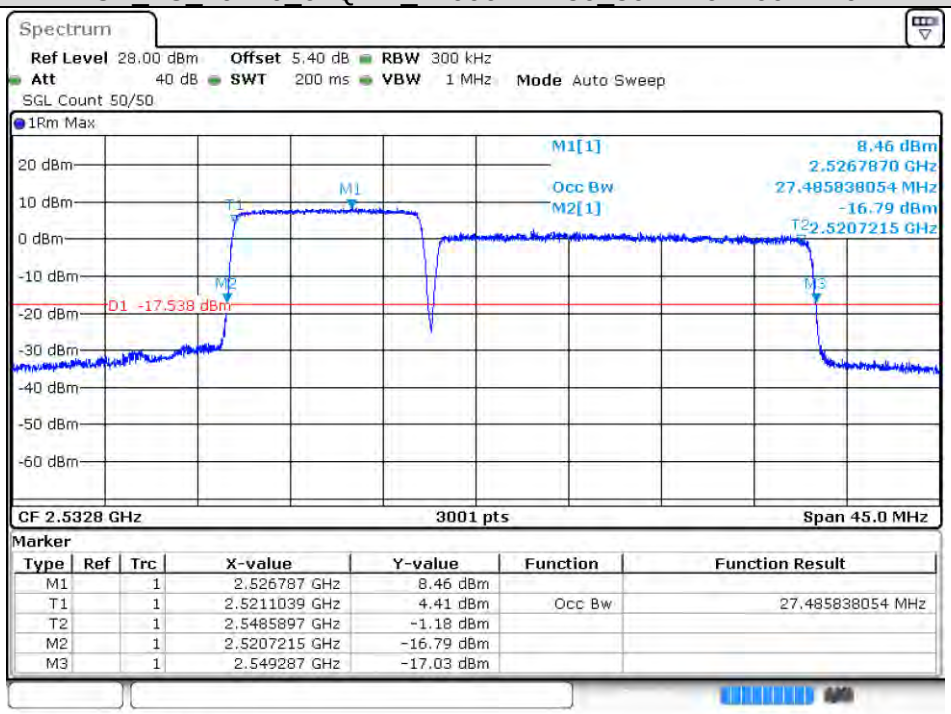
CA_7C_10+20_64QAM_21006+21150_50RB#0+100RB#0

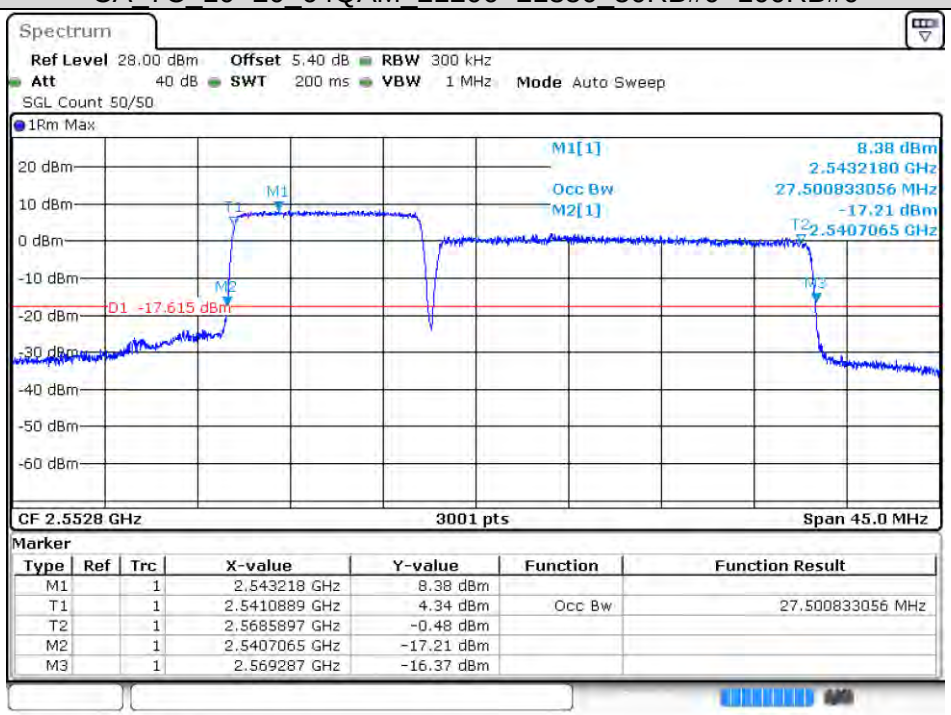



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.526787 GHz | 8.46 dBm | | |
| T1 | | 1 | 2.5211039 GHz | 4.41 dBm | Occ Bw | 27.485838054 MHz |
| T2 | | 1 | 2.5485897 GHz | -1.18 dBm | | |
| M2 | | 1 | 2.5207215 GHz | -16.79 dBm | | |
| M3 | | 1 | 2.549287 GHz | -17.03 dBm | | |

Date: 14.APR.2021 16:35:55

CA_7C_10+20_64QAM_21206+21350_50RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.543218 GHz | 8.38 dBm | | |
| T1 | | 1 | 2.5410889 GHz | 4.34 dBm | Occ Bw | 27.500833056 MHz |
| T2 | | 1 | 2.5685897 GHz | -0.48 dBm | | |
| M2 | | 1 | 2.5407065 GHz | -17.21 dBm | | |
| M3 | | 1 | 2.569287 GHz | -16.37 dBm | | |

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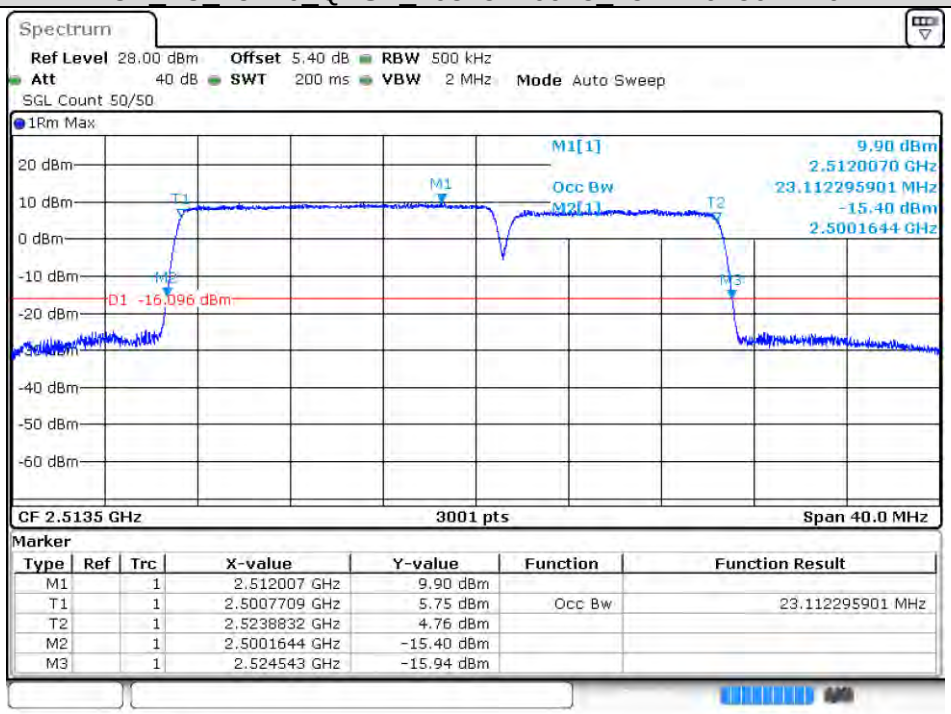
## CA_7C_15+10_QPSK_20825+20945_75RB#0+50RB#0

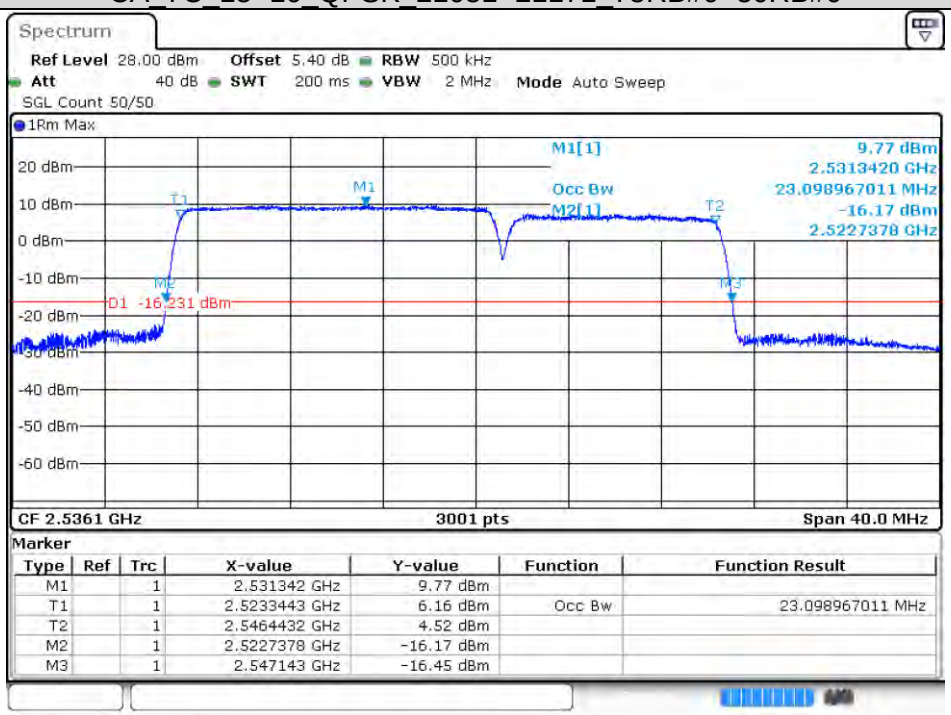



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.512007 GHz | 9.90 dBm | | |
| T1 | | 1 | 2.5007709 GHz | 5.75 dBm | Occ Bw | 23.112295901 MHz |
| T2 | | 1 | 2.5238832 GHz | 4.76 dBm | | |
| M2 | | 1 | 2.5001644 GHz | -15.40 dBm | | |
| M3 | | 1 | 2.524543 GHz | -15.94 dBm | | |

Date: 14.APR.2021 16:43:54

## CA_7C_15+10_QPSK_21051+21171_75RB#0+50RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.531342 GHz | 9.77 dBm | | |
| T1 | | 1 | 2.5233443 GHz | 6.16 dBm | Occ Bw | 23.098967011 MHz |
| T2 | | 1 | 2.5464432 GHz | 4.52 dBm | | |
| M2 | | 1 | 2.5227378 GHz | -16.17 dBm | | |
| M3 | | 1 | 2.547143 GHz | -16.45 dBm | | |

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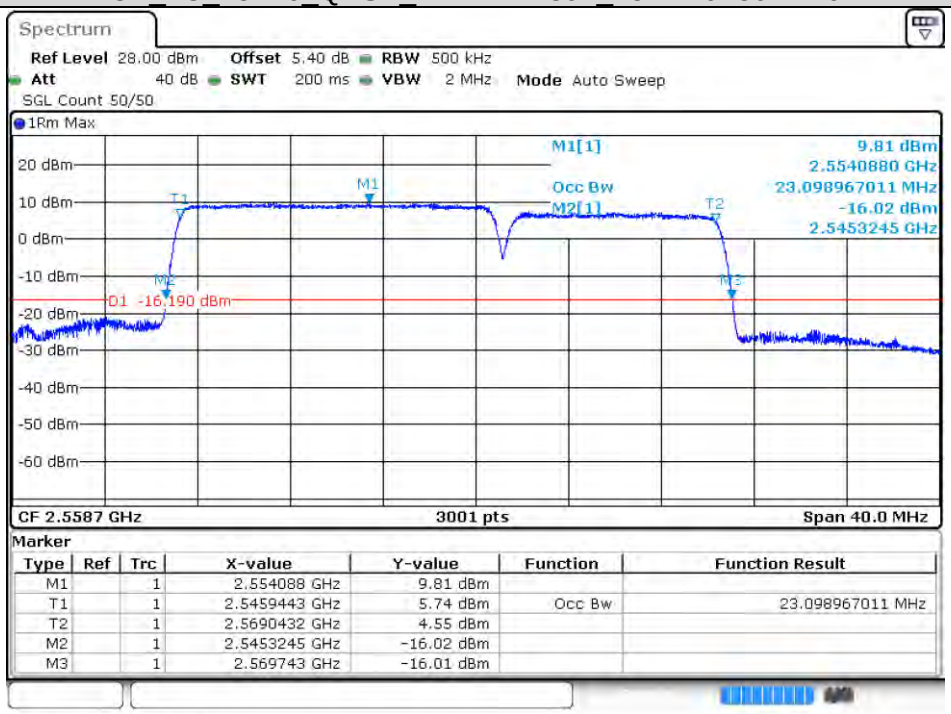
## CA_7C_15+10_QPSK_21277+21397_75RB#0+50RB#0

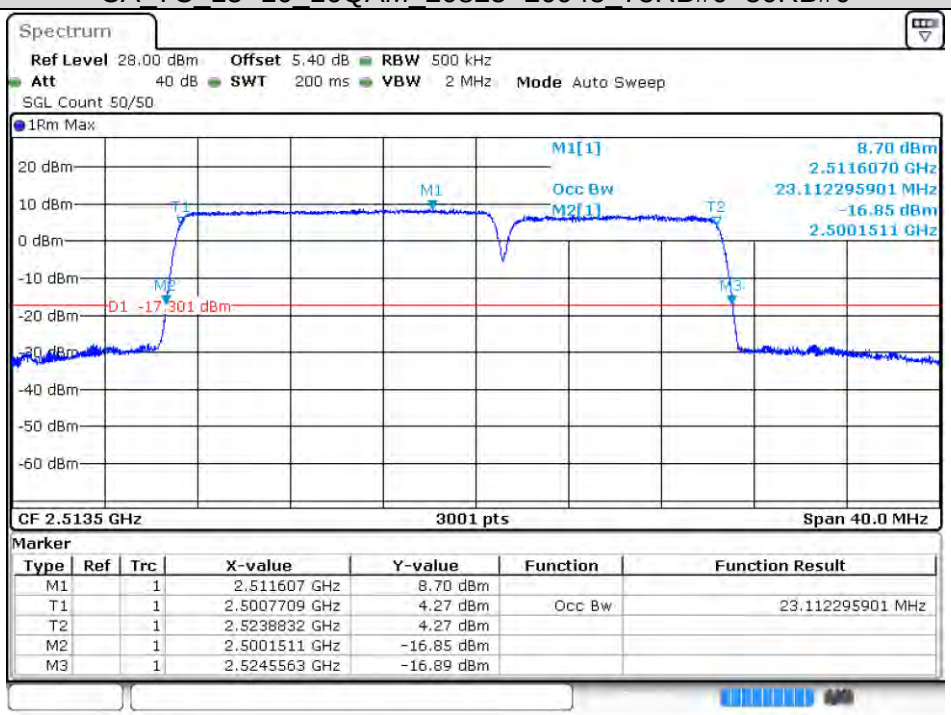



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.554088 GHz | 9.81 dBm | | |
| T1 | | 1 | 2.5459443 GHz | 5.74 dBm | Occ Bw | 23.098967011 MHz |
| T2 | | 1 | 2.5690432 GHz | 4.55 dBm | | |
| M2 | | 1 | 2.5453245 GHz | -16.02 dBm | | |
| M3 | | 1 | 2.569743 GHz | -16.01 dBm | | |

Date: 14.APR.2021 16:45:40

## CA_7C_15+10_16QAM_20825+20945_75RB#0+50RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.511607 GHz | 8.70 dBm | | |
| T1 | | 1 | 2.5007709 GHz | 4.27 dBm | Occ Bw | 23.112295901 MHz |
| T2 | | 1 | 2.5238832 GHz | 4.27 dBm | | |
| M2 | | 1 | 2.5001511 GHz | -16.85 dBm | | |
| M3 | | 1 | 2.5245563 GHz | -16.89 dBm | | |

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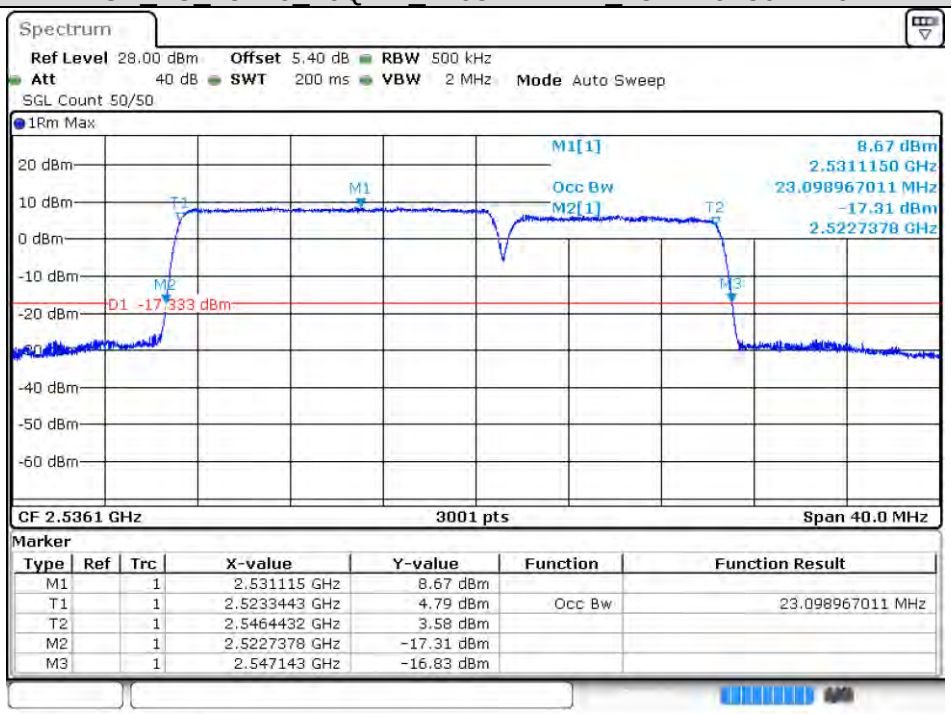
## CA_7C_15+10_16QAM_21051+21171_75RB#0+50RB#0

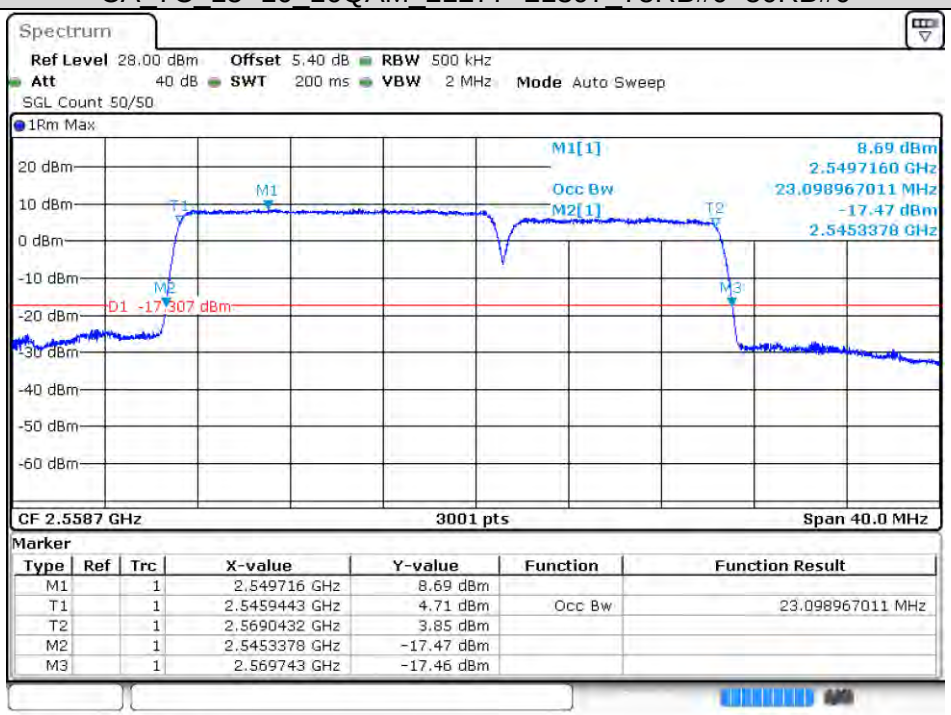



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.531115 GHz | 8.67 dBm | | |
| T1 | | 1 | 2.5233443 GHz | 4.79 dBm | Occ Bw | 23.098967011 MHz |
| T2 | | 1 | 2.5464432 GHz | 3.58 dBm | | |
| M2 | | 1 | 2.5227378 GHz | -17.31 dBm | | |
| M3 | | 1 | 2.547143 GHz | -16.83 dBm | | |

Date: 14.APR.2021 16:45:05

## CA_7C_15+10_16QAM_21277+21397_75RB#0+50RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.549716 GHz | 8.69 dBm | | |
| T1 | | 1 | 2.5459443 GHz | 4.71 dBm | Occ Bw | 23.098967011 MHz |
| T2 | | 1 | 2.5690432 GHz | 3.85 dBm | | |
| M2 | | 1 | 2.5453378 GHz | -17.47 dBm | | |
| M3 | | 1 | 2.569743 GHz | -17.46 dBm | | |

Date: 14.APR.2021 16:45:57

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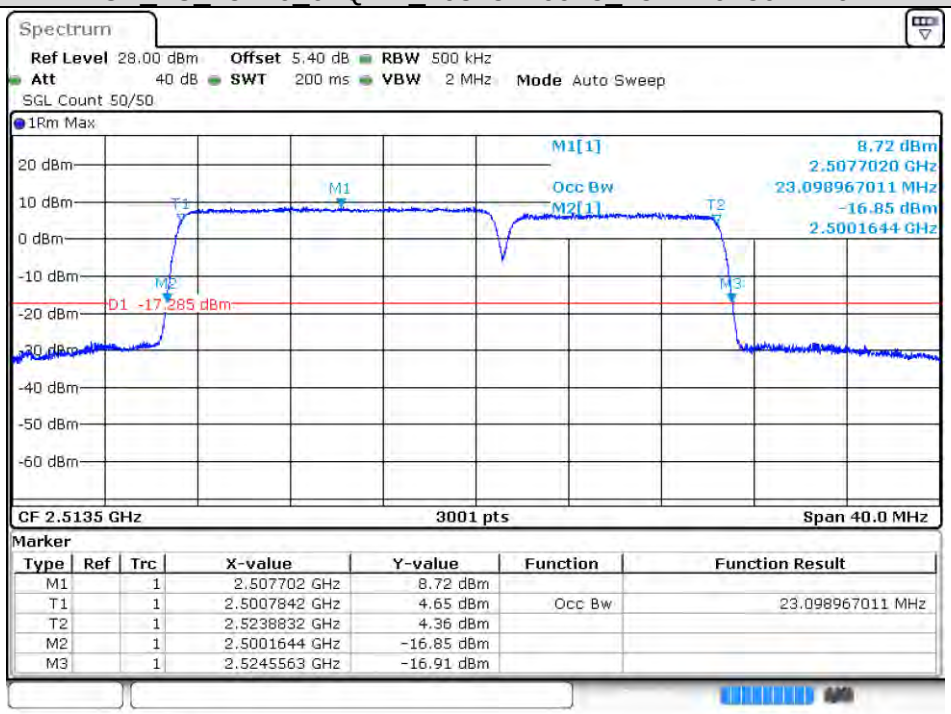
## CA_7C_15+10_64QAM_20825+20945_75RB#0+50RB#0

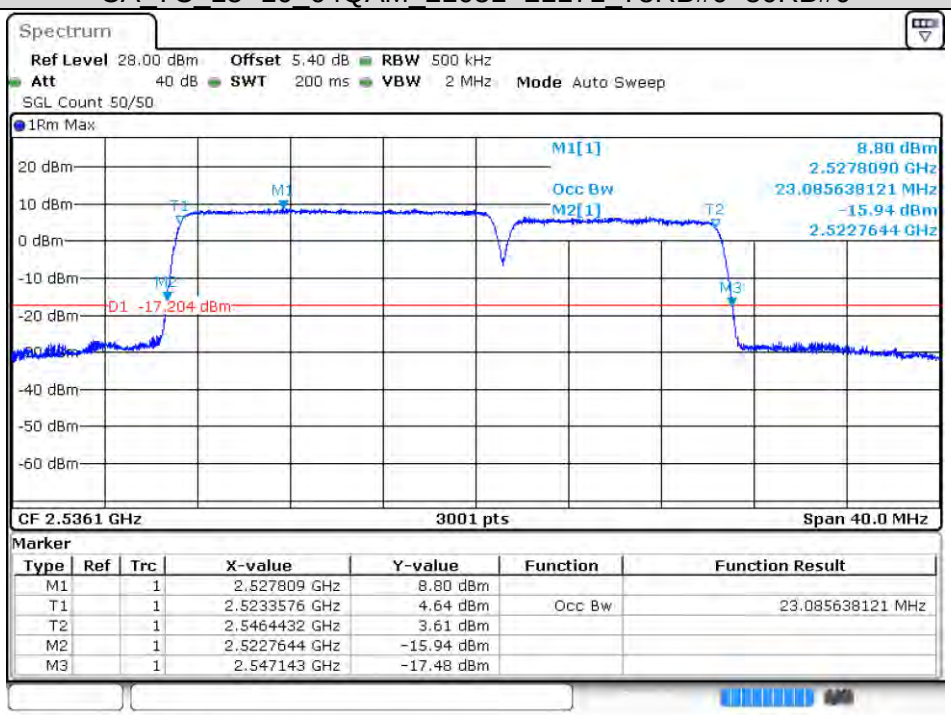



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.507702 GHz | 8.72 dBm | | |
| T1 | | 1 | 2.5007842 GHz | 4.65 dBm | Occ Bw | 23.098967011 MHz |
| T2 | | 1 | 2.5238832 GHz | 4.36 dBm | | |
| M2 | | 1 | 2.5001644 GHz | -16.85 dBm | | |
| M3 | | 1 | 2.5245563 GHz | -16.91 dBm | | |

Date: 14.APR.2021 16:44:30

## CA_7C_15+10_64QAM_21051+21171_75RB#0+50RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.527809 GHz | 8.80 dBm | | |
| T1 | | 1 | 2.5233576 GHz | 4.64 dBm | Occ Bw | 23.085638121 MHz |
| T2 | | 1 | 2.5464432 GHz | 3.61 dBm | | |
| M2 | | 1 | 2.5227644 GHz | -15.94 dBm | | |
| M3 | | 1 | 2.547143 GHz | -17.48 dBm | | |

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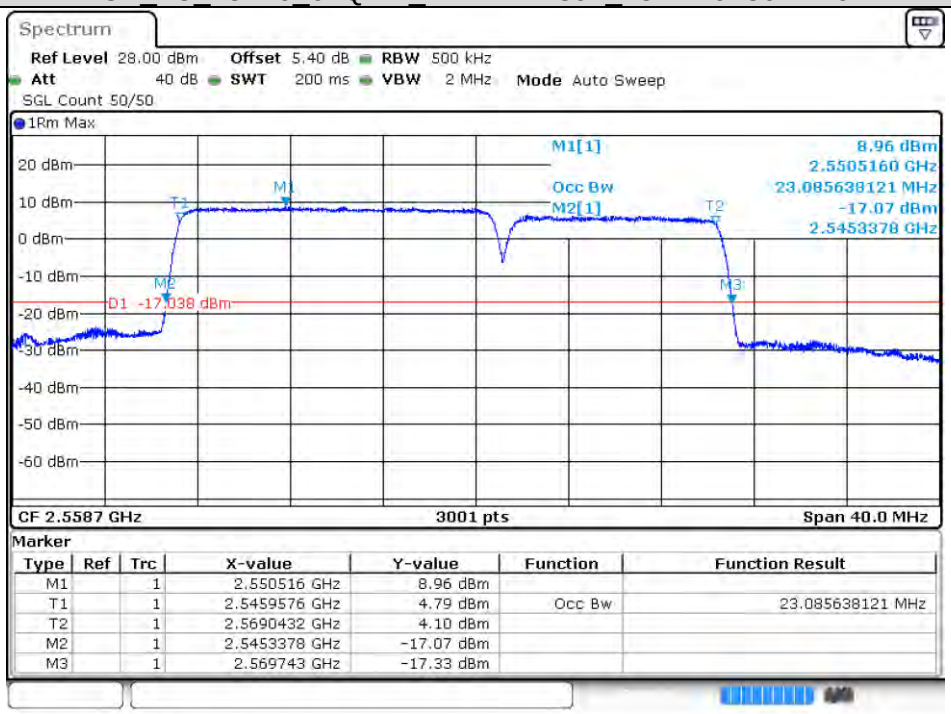
## CA_7C_15+10_64QAM_21277+21397_75RB#0+50RB#0

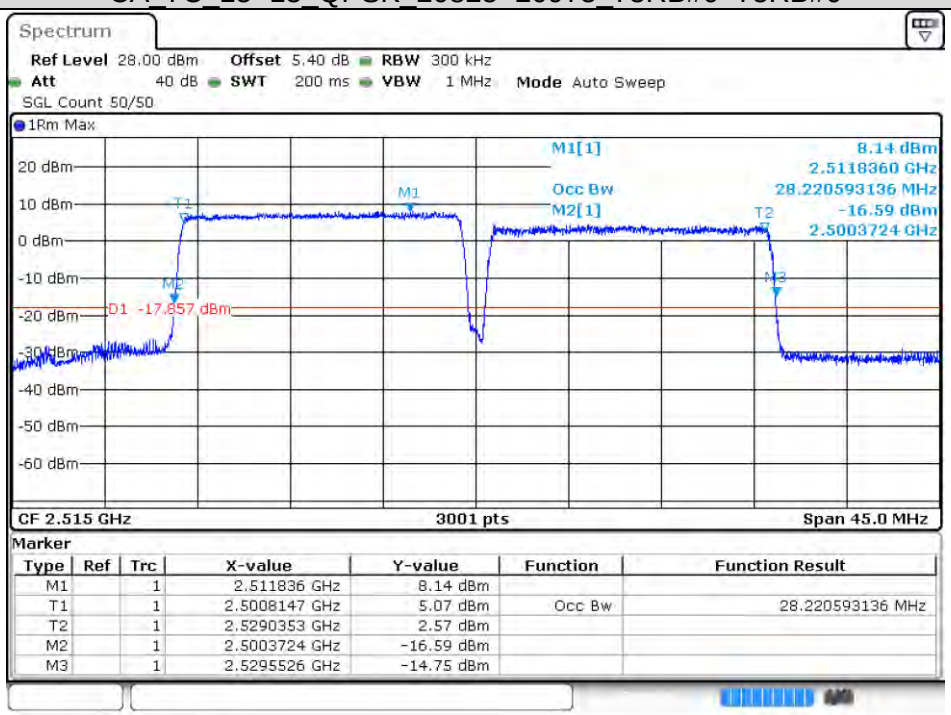



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.550516 GHz | 8.96 dBm | | |
| T1 | | 1 | 2.5459576 GHz | 4.79 dBm | Occ Bw | 23.085638121 MHz |
| T2 | | 1 | 2.5690432 GHz | 4.10 dBm | | |
| M2 | | 1 | 2.5453378 GHz | -17.07 dBm | | |
| M3 | | 1 | 2.569743 GHz | -17.33 dBm | | |

Date: 14.APR.2021 16:46:14

## CA_7C_15+15_QPSK_20825+20975_75RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.511836 GHz | 8.14 dBm | | |
| T1 | | 1 | 2.5008147 GHz | 5.07 dBm | Occ Bw | 28.220593136 MHz |
| T2 | | 1 | 2.5290353 GHz | 2.57 dBm | | |
| M2 | | 1 | 2.5003724 GHz | -16.59 dBm | | |
| M3 | | 1 | 2.5295526 GHz | -14.75 dBm | | |

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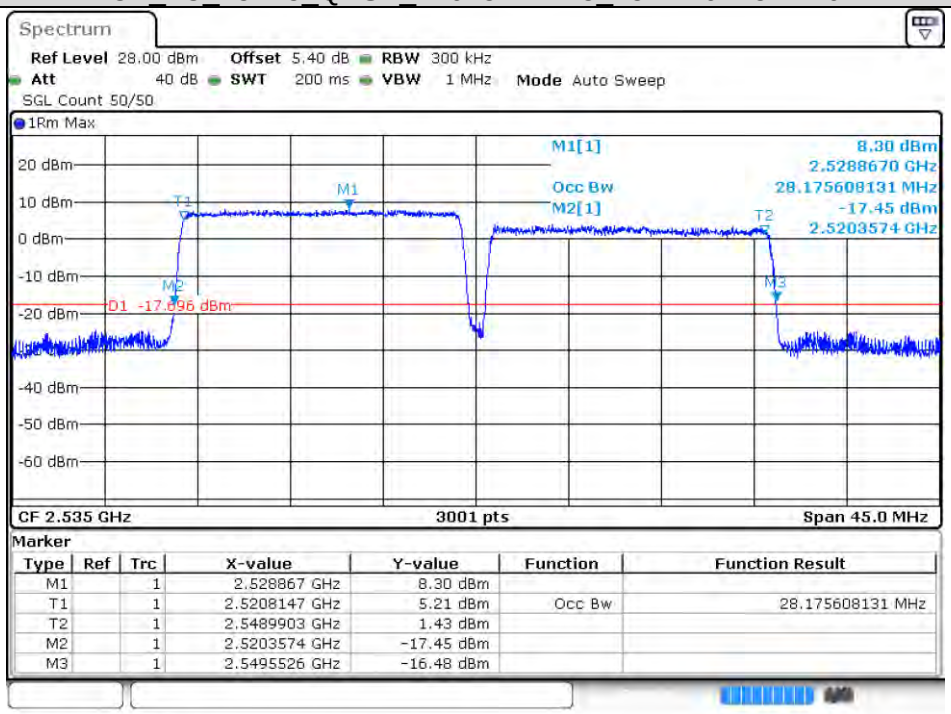
## CA_7C_15+15_QPSK_21025+21175_75RB#0+75RB#0

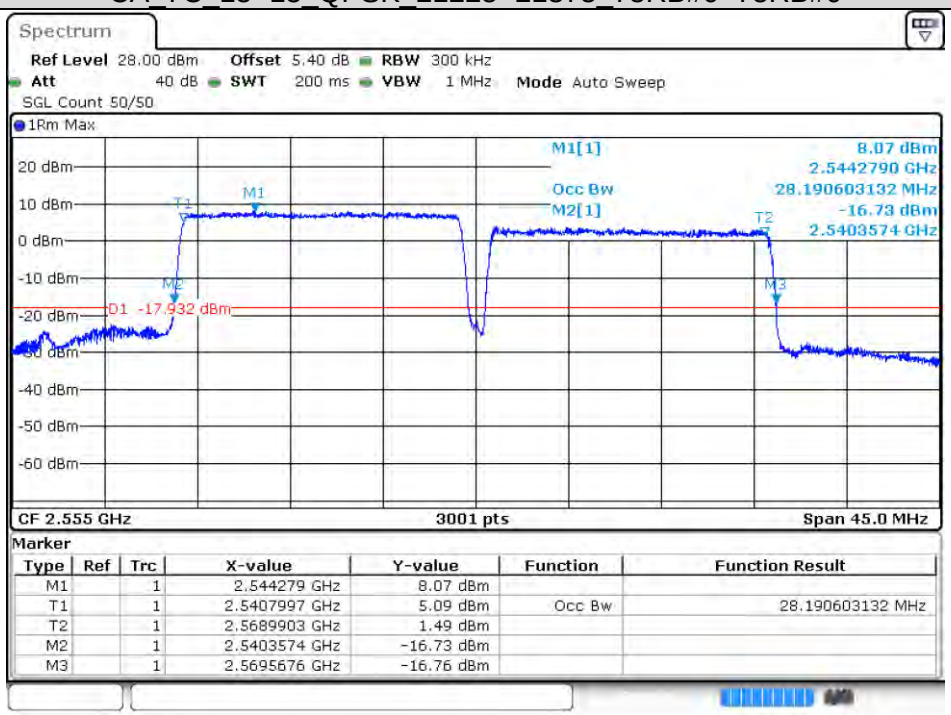



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.528867 GHz | 8.30 dBm | | |
| T1 | | 1 | 2.5208147 GHz | 5.21 dBm | Occ Bw | 28.175608131 MHz |
| T2 | | 1 | 2.5489903 GHz | 1.43 dBm | | |
| M2 | | 1 | 2.5203574 GHz | -17.45 dBm | | |
| M3 | | 1 | 2.5495526 GHz | -16.48 dBm | | |

Date: 14.APR.2021 16:48:02

## CA_7C_15+15_QPSK_21225+21375_75RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.544279 GHz | 8.07 dBm | | |
| T1 | | 1 | 2.5407997 GHz | 5.09 dBm | Occ Bw | 28.190603132 MHz |
| T2 | | 1 | 2.5689903 GHz | 1.49 dBm | | |
| M2 | | 1 | 2.5403574 GHz | -16.73 dBm | | |
| M3 | | 1 | 2.5695676 GHz | -16.76 dBm | | |

Date: 14.APR.2021 16:48:52

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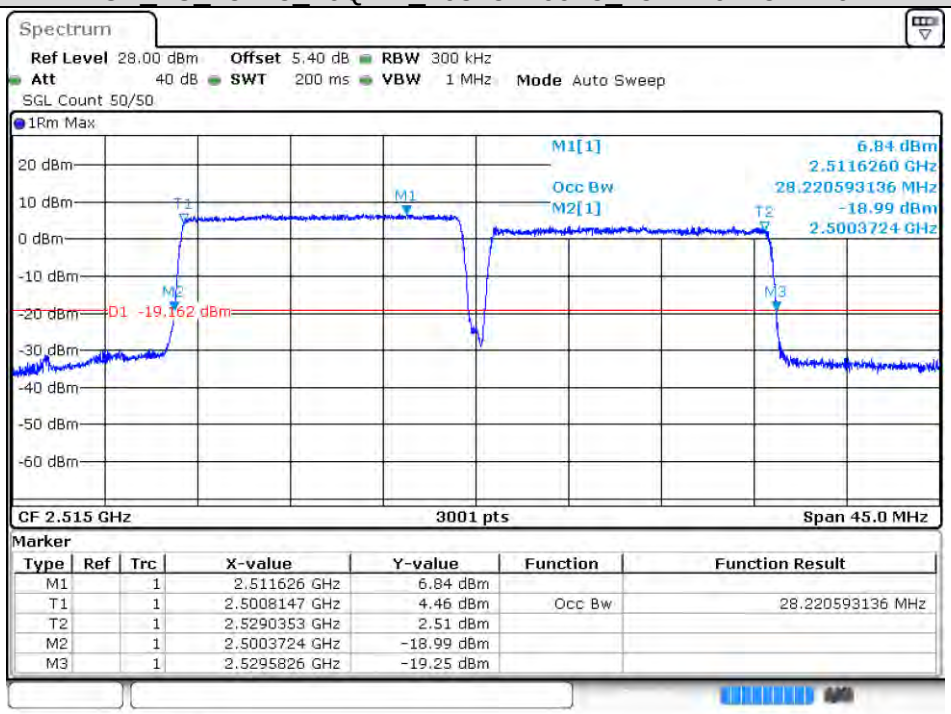
## CA_7C_15+15_16QAM_20825+20975_75RB#0+75RB#0

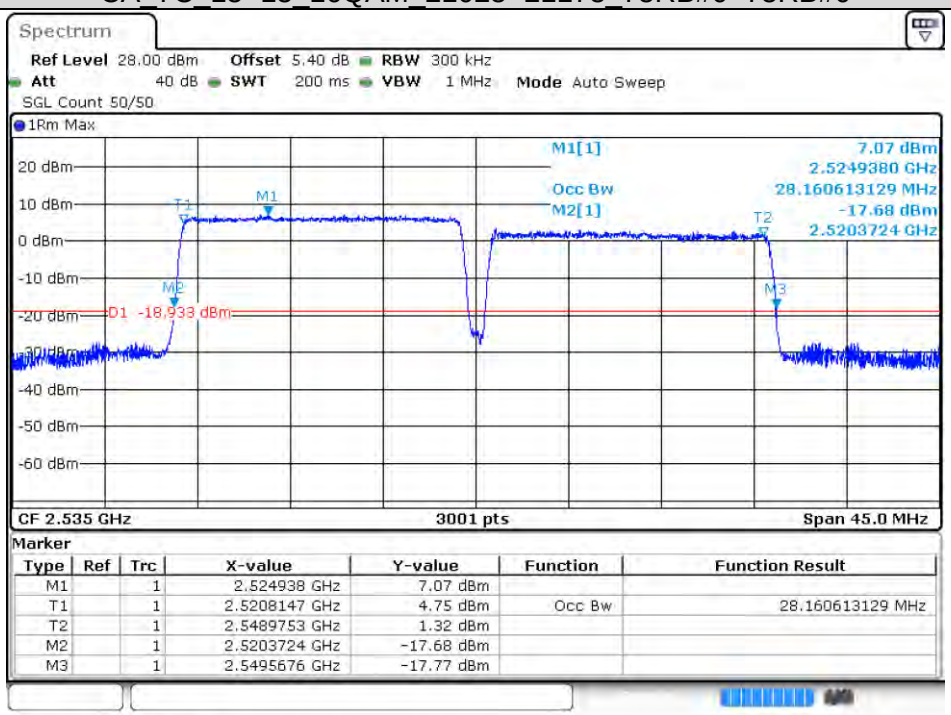



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.511626 GHz | 6.84 dBm | | |
| T1 | | 1 | 2.5008147 GHz | 4.46 dBm | Occ Bw | 28.220593136 MHz |
| T2 | | 1 | 2.5290353 GHz | 2.51 dBm | | |
| M2 | | 1 | 2.5003724 GHz | -18.99 dBm | | |
| M3 | | 1 | 2.5295826 GHz | -19.25 dBm | | |

Date: 14.APR.2021 16:47:25

## CA_7C_15+15_16QAM_21025+21175_75RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.524938 GHz | 7.07 dBm | | |
| T1 | | 1 | 2.5208147 GHz | 4.75 dBm | Occ Bw | 28.160613129 MHz |
| T2 | | 1 | 2.5489753 GHz | 1.32 dBm | | |
| M2 | | 1 | 2.5203724 GHz | -17.68 dBm | | |
| M3 | | 1 | 2.5495676 GHz | -17.77 dBm | | |

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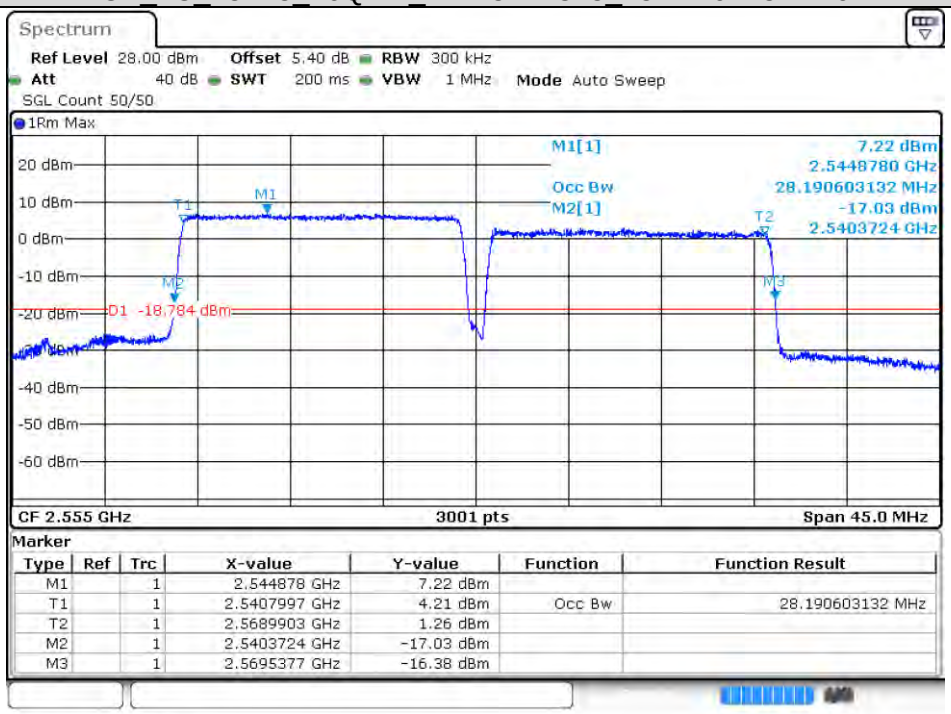
## CA_7C_15+15_16QAM_21225+21375_75RB#0+75RB#0

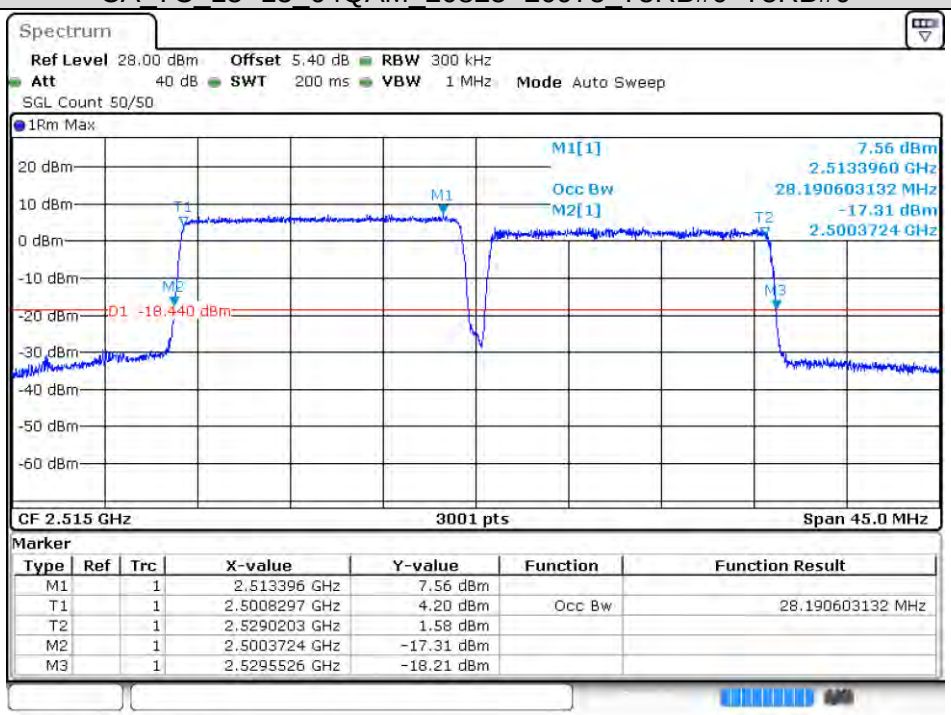



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.544878 GHz | 7.22 dBm | | |
| T1 | | 1 | 2.5407997 GHz | 4.21 dBm | Occ Bw | 28.190603132 MHz |
| T2 | | 1 | 2.5689903 GHz | 1.26 dBm | | |
| M2 | | 1 | 2.5403724 GHz | -17.03 dBm | | |
| M3 | | 1 | 2.5695377 GHz | -16.38 dBm | | |

Date: 14.APR.2021 16:49:08

## CA_7C_15+15_64QAM_20825+20975_75RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.513396 GHz | 7.56 dBm | | |
| T1 | | 1 | 2.5008297 GHz | 4.20 dBm | Occ Bw | 28.190603132 MHz |
| T2 | | 1 | 2.5290203 GHz | 1.58 dBm | | |
| M2 | | 1 | 2.5003724 GHz | -17.31 dBm | | |
| M3 | | 1 | 2.5295526 GHz | -18.21 dBm | | |

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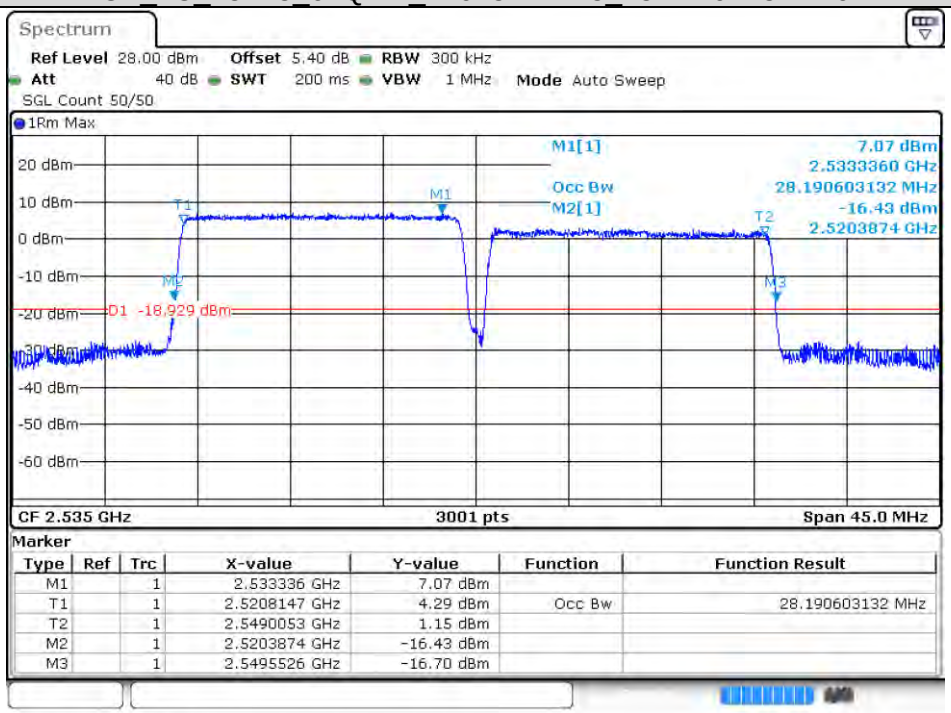
## CA_7C_15+15_64QAM_21025+21175_75RB#0+75RB#0

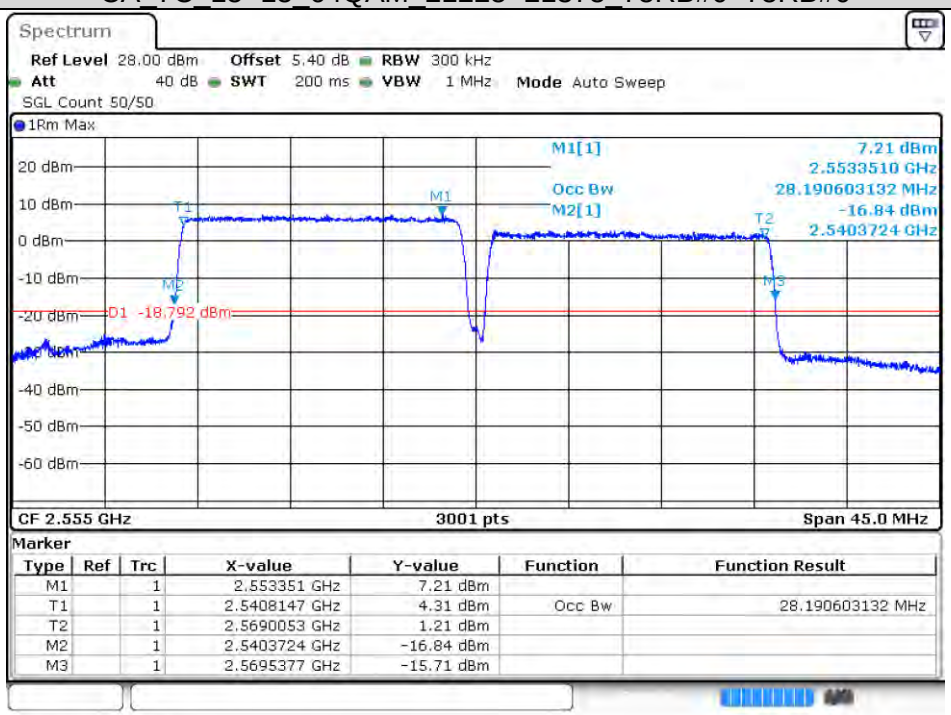



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.533336 GHz | 7.07 dBm | | |
| T1 | | 1 | 2.5208147 GHz | 4.29 dBm | Occ Bw | 28.190603132 MHz |
| T2 | | 1 | 2.5490053 GHz | 1.15 dBm | | |
| M2 | | 1 | 2.5203874 GHz | -16.43 dBm | | |
| M3 | | 1 | 2.5495526 GHz | -16.70 dBm | | |

Date: 14.APR.2021 16:48:34

## CA_7C_15+15_64QAM_21225+21375_75RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.553351 GHz | 7.21 dBm | | |
| T1 | | 1 | 2.5408147 GHz | 4.31 dBm | Occ Bw | 28.190603132 MHz |
| T2 | | 1 | 2.5690053 GHz | 1.21 dBm | | |
| M2 | | 1 | 2.5403724 GHz | -16.84 dBm | | |
| M3 | | 1 | 2.5695377 GHz | -15.71 dBm | | |

Date: 14.APR.2021 16:49:24

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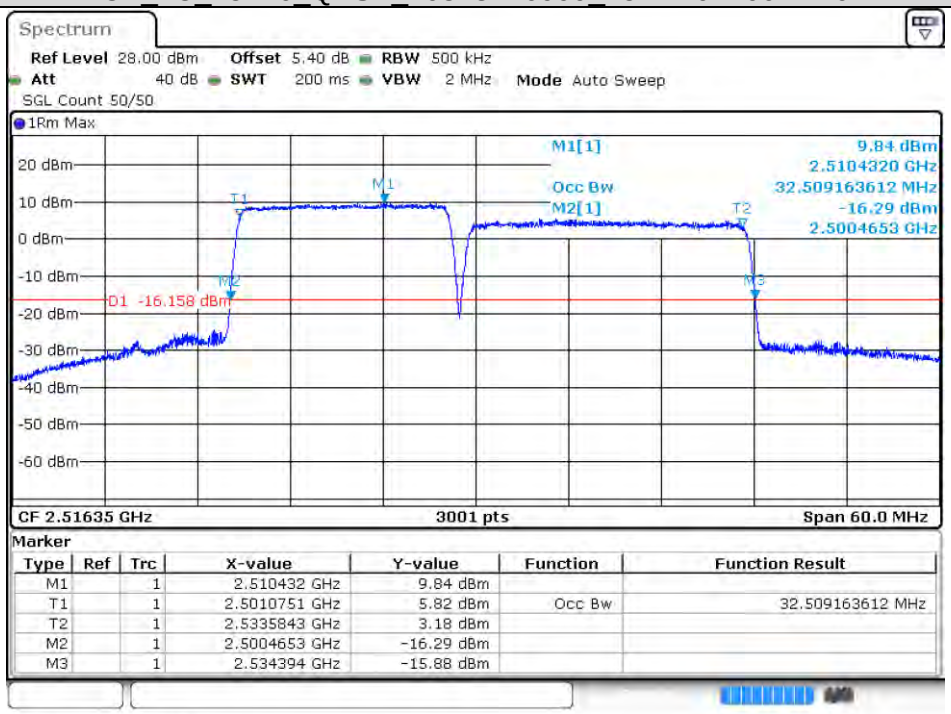
## CA_7C_15+20_QPSK_20828+20999_75RB#0+100RB#0

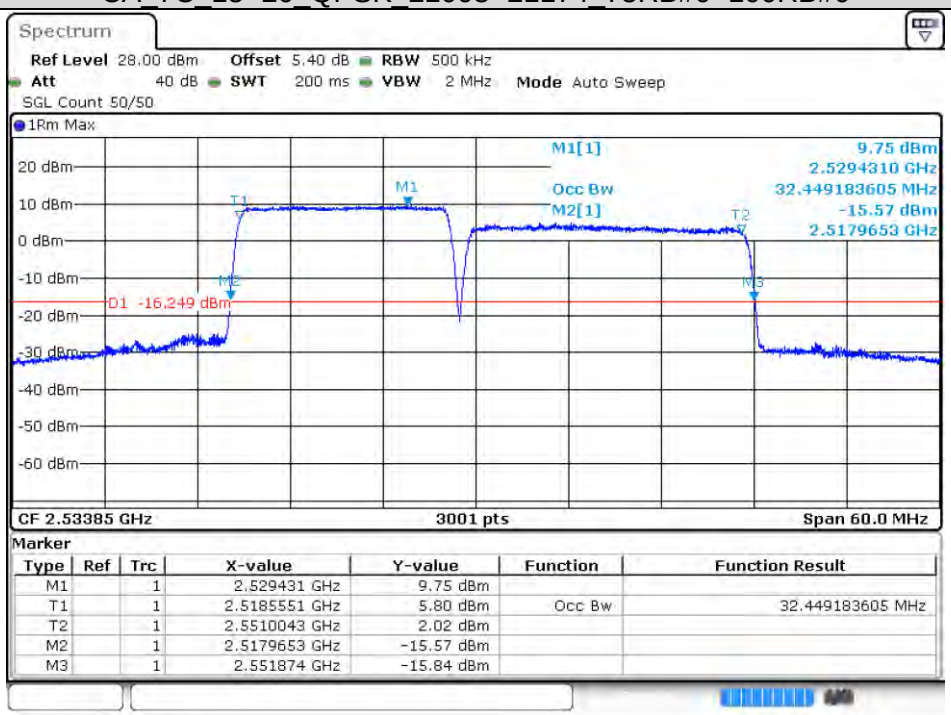



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.510432 GHz | 9.84 dBm | | |
| T1 | | 1 | 2.5010751 GHz | 5.82 dBm | Occ Bw | 32.509163612 MHz |
| T2 | | 1 | 2.5335843 GHz | 3.18 dBm | | |
| M2 | | 1 | 2.5004653 GHz | -16.29 dBm | | |
| M3 | | 1 | 2.534394 GHz | -15.88 dBm | | |

Date: 14.APR.2021 16:51:56

## CA_7C_15+20_QPSK_21003+21174_75RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.529431 GHz | 9.75 dBm | | |
| T1 | | 1 | 2.5185551 GHz | 5.80 dBm | Occ Bw | 32.449183605 MHz |
| T2 | | 1 | 2.5510043 GHz | 2.02 dBm | | |
| M2 | | 1 | 2.5179653 GHz | -15.57 dBm | | |
| M3 | | 1 | 2.551874 GHz | -15.84 dBm | | |

Date: 14.APR.2021 16:52:50

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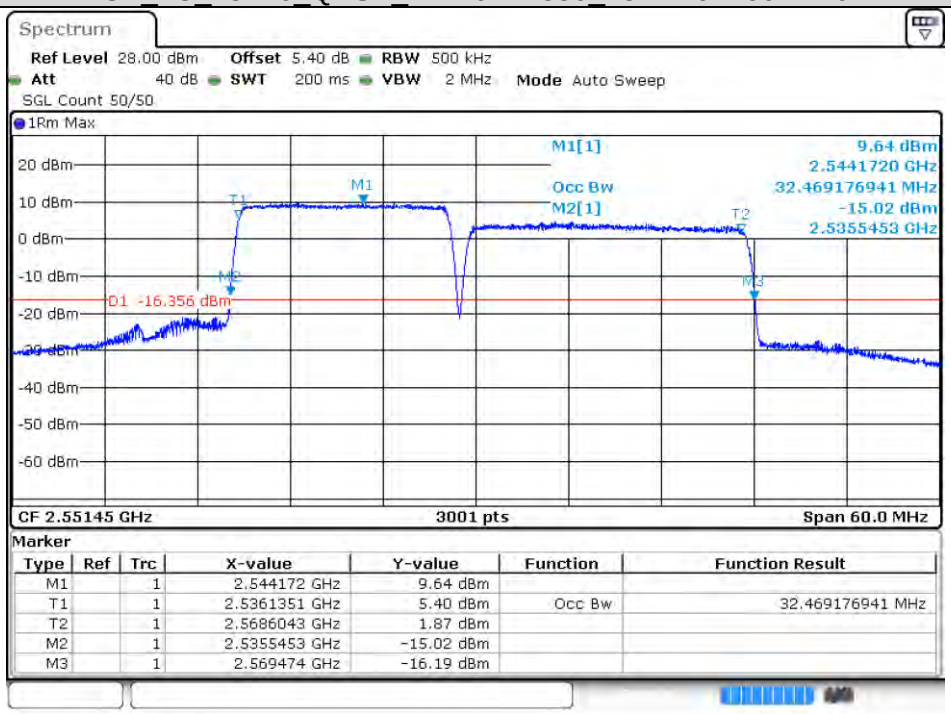
## CA_7C_15+20_QPSK_21179+21350_75RB#0+100RB#0

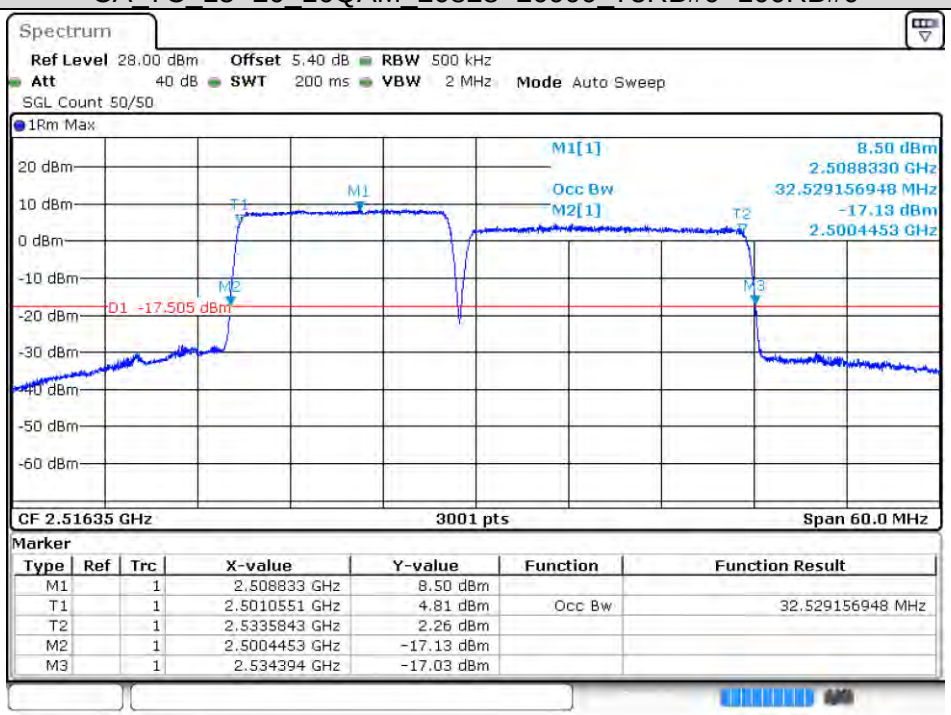



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.544172 GHz | 9.64 dBm | | |
| T1 | | 1 | 2.5361351 GHz | 5.40 dBm | Occ Bw | 32.469176941 MHz |
| T2 | | 1 | 2.5686043 GHz | 1.87 dBm | | |
| M2 | | 1 | 2.5355453 GHz | -15.02 dBm | | |
| M3 | | 1 | 2.569474 GHz | -16.19 dBm | | |

Date: 14.APR.2021 16:53:42

## CA_7C_15+20_16QAM_20828+20999_75RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.508833 GHz | 8.50 dBm | | |
| T1 | | 1 | 2.5010551 GHz | 4.81 dBm | Occ Bw | 32.529156948 MHz |
| T2 | | 1 | 2.5335843 GHz | 2.26 dBm | | |
| M2 | | 1 | 2.5004453 GHz | -17.13 dBm | | |
| M3 | | 1 | 2.534394 GHz | -17.03 dBm | | |

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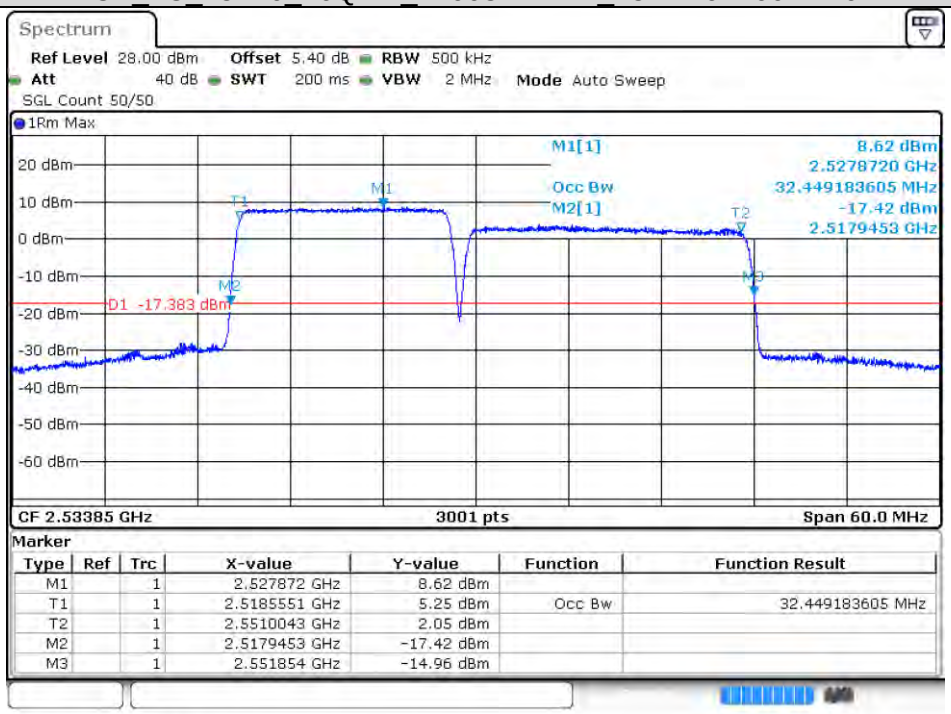
CA_7C_15+20_16QAM_21003+21174_75RB#0+100RB#0

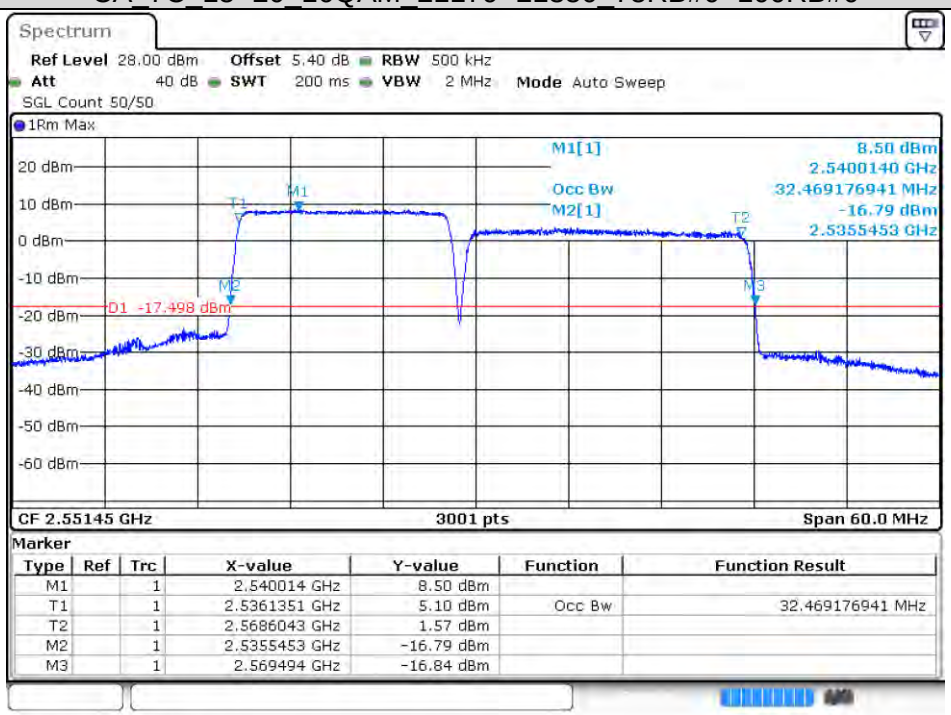



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.527872 GHz | 8.62 dBm | | |
| T1 | | 1 | 2.5185551 GHz | 5.25 dBm | Occ Bw | 32.449183605 MHz |
| T2 | | 1 | 2.5510043 GHz | 2.05 dBm | | |
| M2 | | 1 | 2.5179453 GHz | -17.42 dBm | | |
| M3 | | 1 | 2.551854 GHz | -14.96 dBm | | |

Date: 14.APR.2021 16:53:07

CA_7C_15+20_16QAM_21179+21350_75RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.540014 GHz | 8.50 dBm | | |
| T1 | | 1 | 2.5361351 GHz | 5.10 dBm | Occ Bw | 32.469176941 MHz |
| T2 | | 1 | 2.5686043 GHz | 1.57 dBm | | |
| M2 | | 1 | 2.5355453 GHz | -16.79 dBm | | |
| M3 | | 1 | 2.569494 GHz | -16.84 dBm | | |

Date: 14.APR.2021 16:54:00

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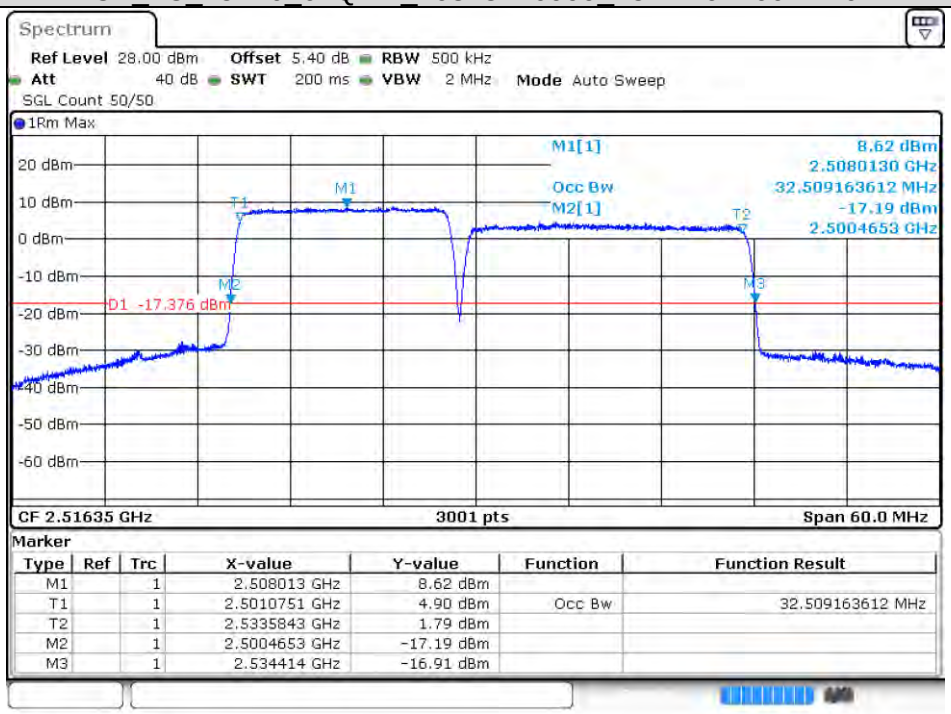
CA_7C_15+20_64QAM_20828+20999_75RB#0+100RB#0

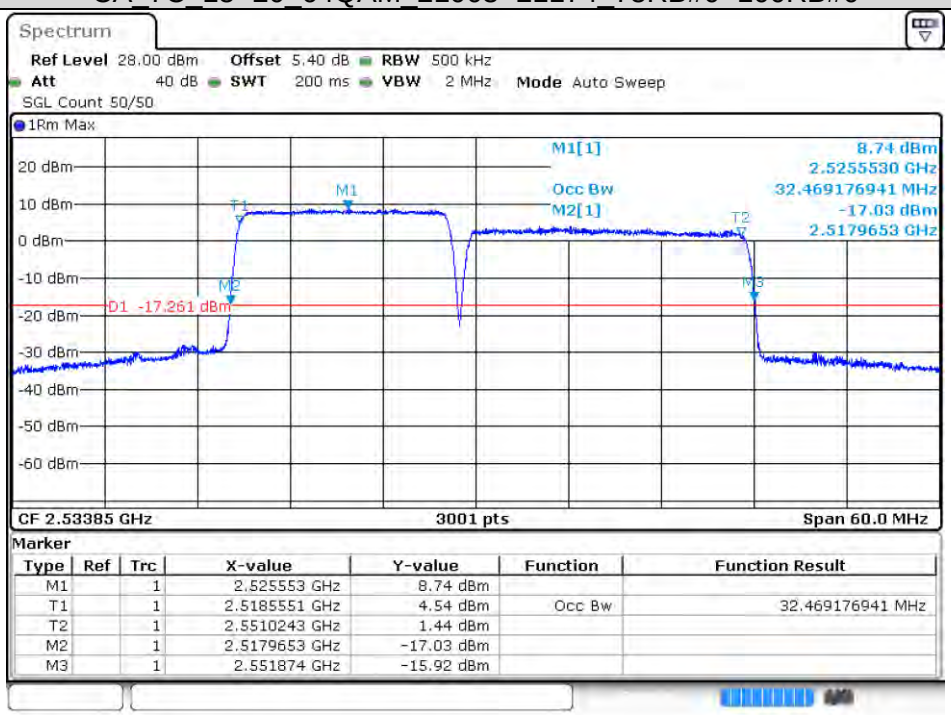



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.508013 GHz | 8.62 dBm | | |
| T1 | | 1 | 2.5010751 GHz | 4.90 dBm | Occ Bw | 32.509163612 MHz |
| T2 | | 1 | 2.5335843 GHz | 1.79 dBm | | |
| M2 | | 1 | 2.5004653 GHz | -17.19 dBm | | |
| M3 | | 1 | 2.534414 GHz | -16.91 dBm | | |

Date: 14.APR.2021 16:52:31

CA_7C_15+20_64QAM_21003+21174_75RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.525553 GHz | 8.74 dBm | | |
| T1 | | 1 | 2.5185551 GHz | 4.54 dBm | Occ Bw | 32.469176941 MHz |
| T2 | | 1 | 2.5510243 GHz | 1.44 dBm | | |
| M2 | | 1 | 2.5179653 GHz | -17.03 dBm | | |
| M3 | | 1 | 2.551874 GHz | -15.92 dBm | | |

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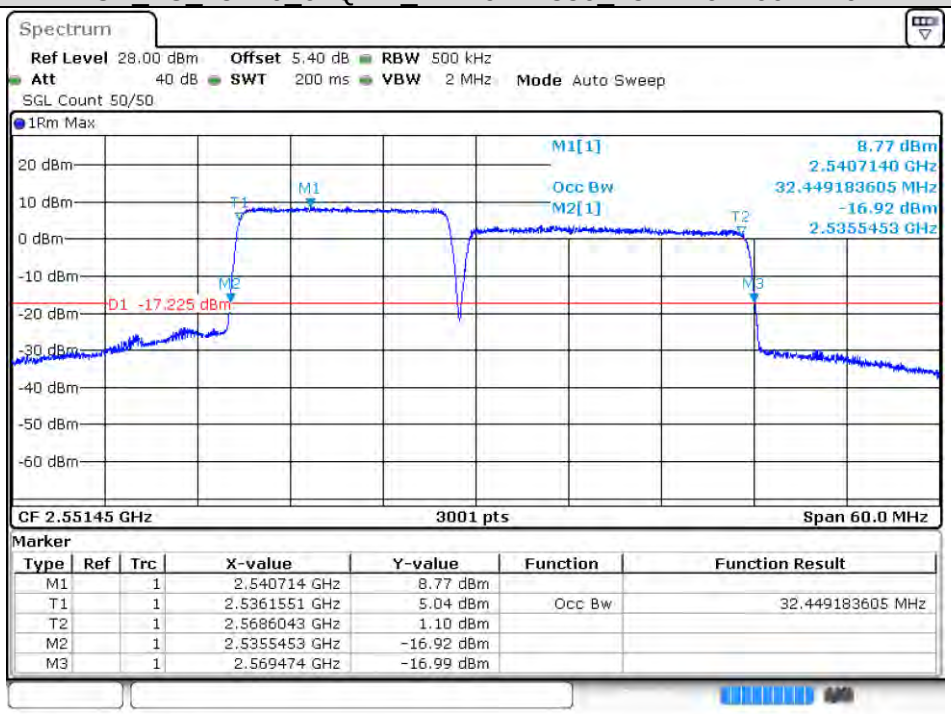
## CA_7C_15+20_64QAM_21179+21350_75RB#0+100RB#0

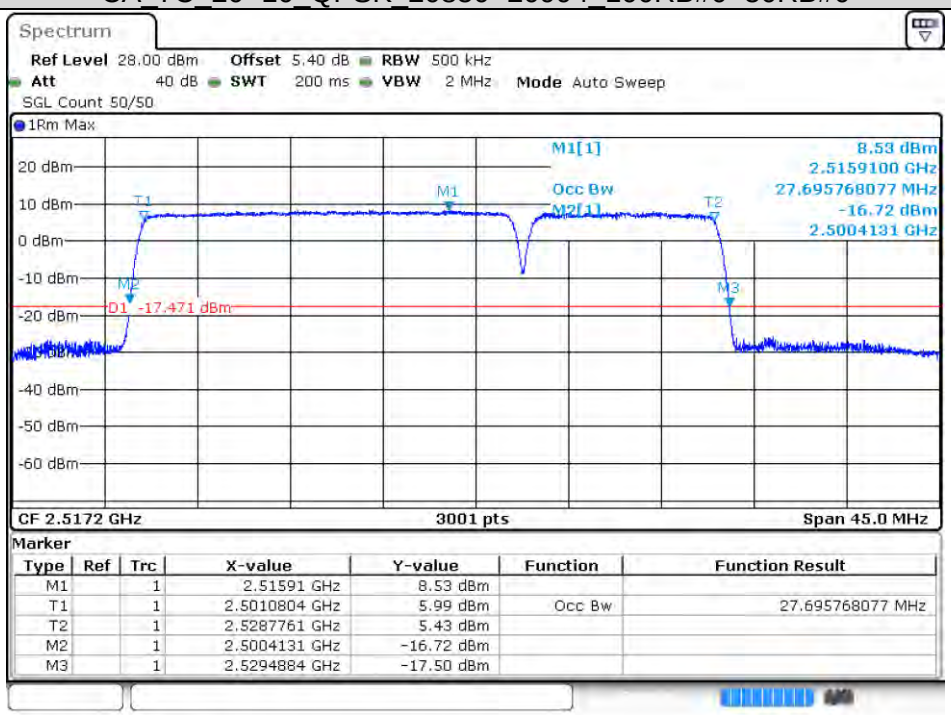



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.540714 GHz | 8.77 dBm | | |
| T1 | | 1 | 2.5361551 GHz | 5.04 dBm | Occ Bw | 32.449183605 MHz |
| T2 | | 1 | 2.5686043 GHz | 1.10 dBm | | |
| M2 | | 1 | 2.5355453 GHz | -16.92 dBm | | |
| M3 | | 1 | 2.569474 GHz | -16.99 dBm | | |

Date: 14.APR.2021 16:54:18

## CA_7C_20+10_QPSK_20850+20994_100RB#0+50RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.51591 GHz | 8.53 dBm | | |
| T1 | | 1 | 2.5010804 GHz | 5.99 dBm | Occ Bw | 27.695768077 MHz |
| T2 | | 1 | 2.5287761 GHz | 5.43 dBm | | |
| M2 | | 1 | 2.5004131 GHz | -16.72 dBm | | |
| M3 | | 1 | 2.5294884 GHz | -17.50 dBm | | |

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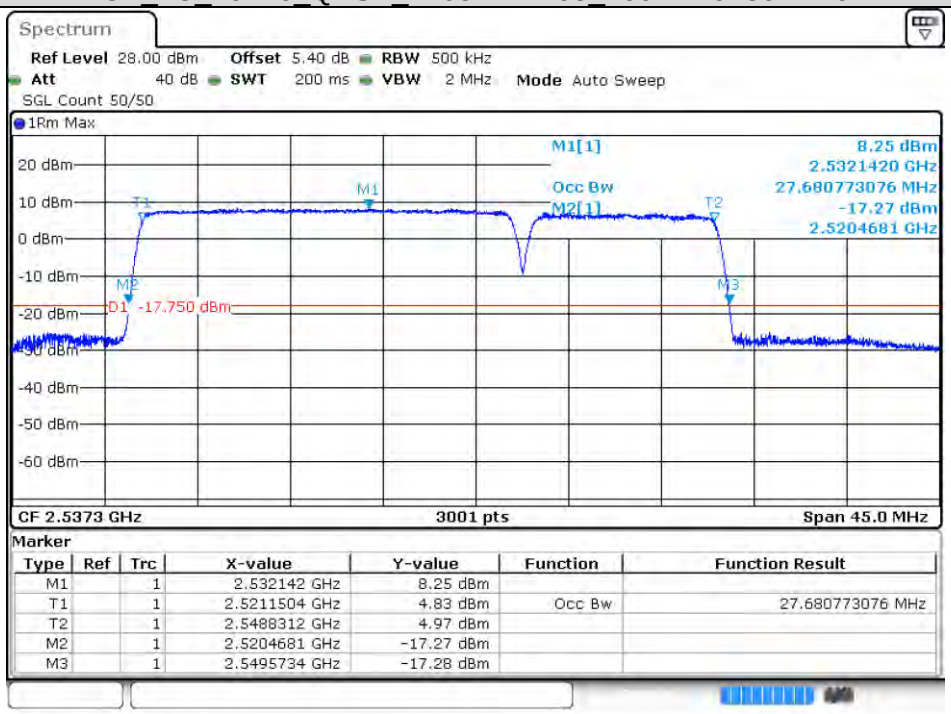


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.532142 GHz | 8.25 dBm | | |
| T1 | | 1 | 2.5211504 GHz | 4.83 dBm | Occ Bw | 27.680773076 MHz |
| T2 | | 1 | 2.5488312 GHz | 4.97 dBm | | |
| M2 | | 1 | 2.5204681 GHz | -17.27 dBm | | |
| M3 | | 1 | 2.5495734 GHz | -17.28 dBm | | |

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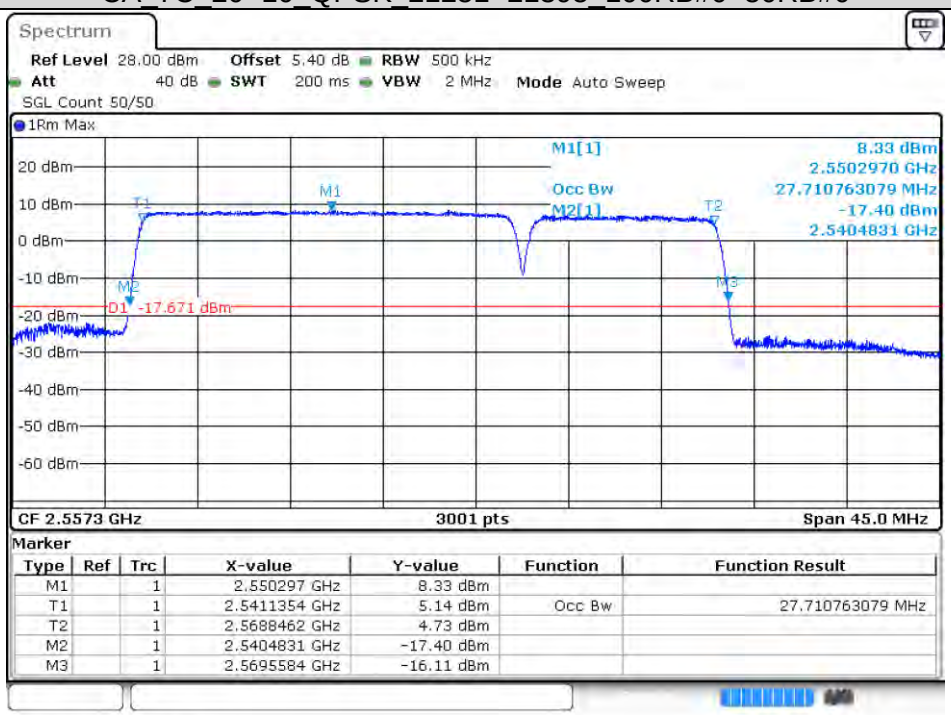
## CA_7C_20+10_QPSK_21251+21395_100RB#0+50RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.550297 GHz | 8.33 dBm | | |
| T1 | | 1 | 2.5411354 GHz | 5.14 dBm | Occ Bw | 27.710763079 MHz |
| T2 | | 1 | 2.5688462 GHz | 4.73 dBm | | |
| M2 | | 1 | 2.5404831 GHz | -17.40 dBm | | |
| M3 | | 1 | 2.5695584 GHz | -16.11 dBm | | |

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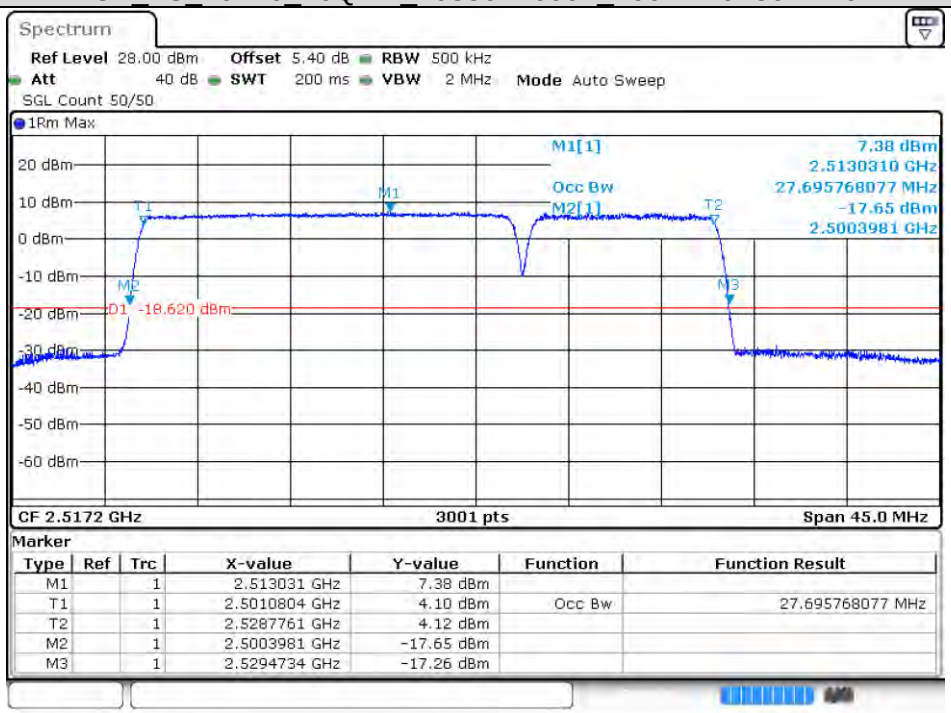


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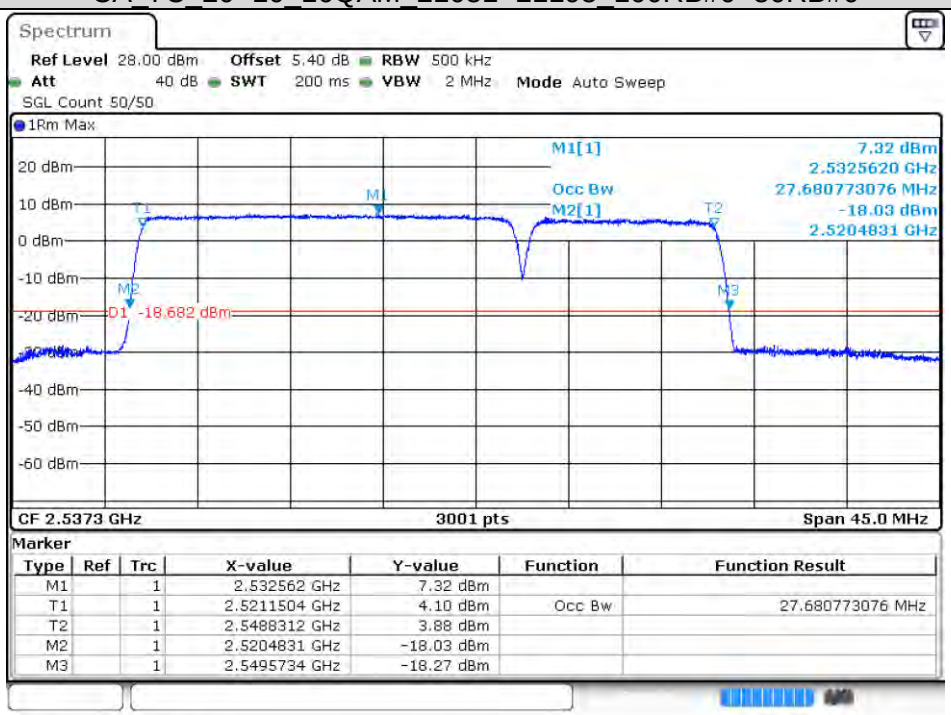


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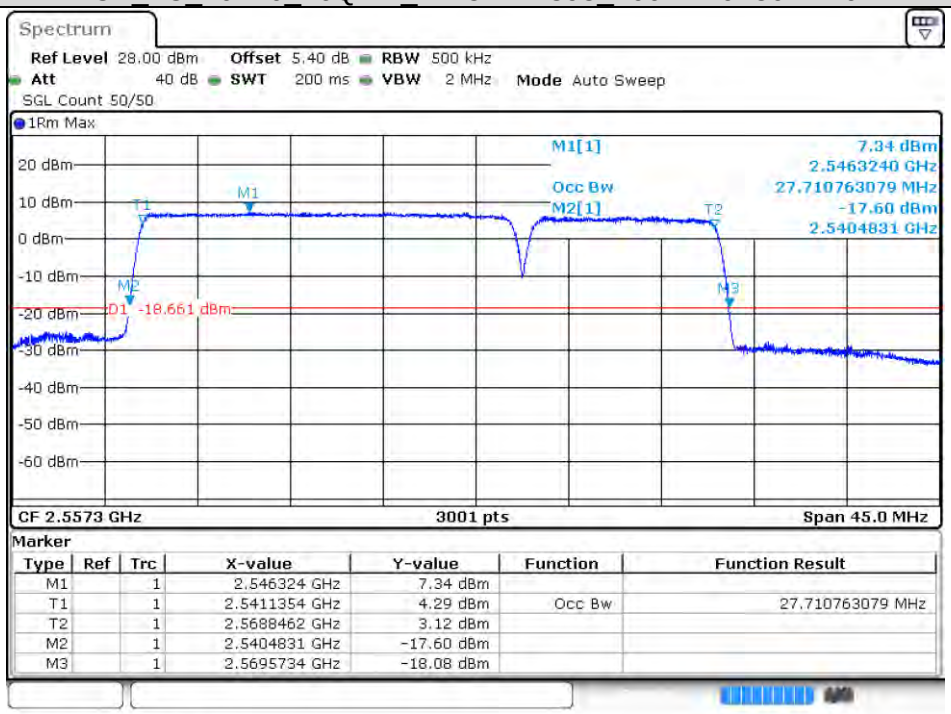


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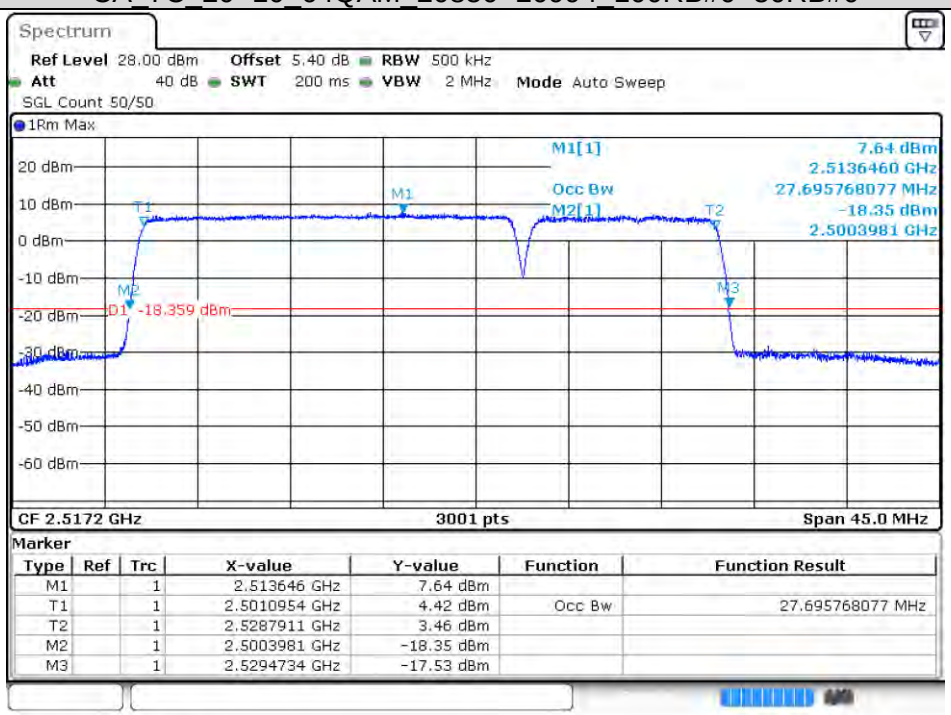


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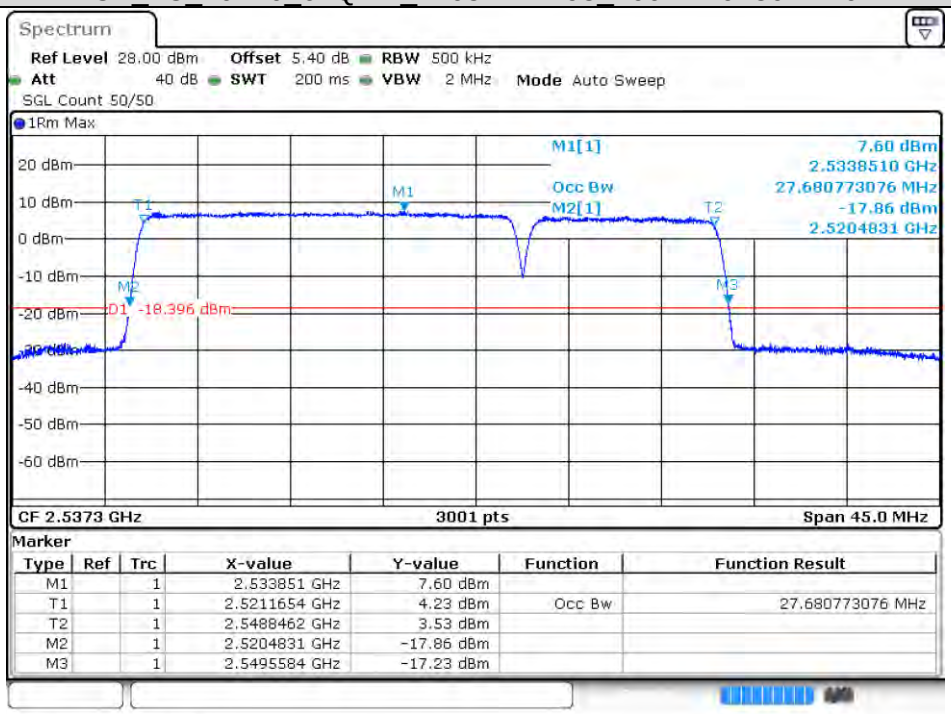


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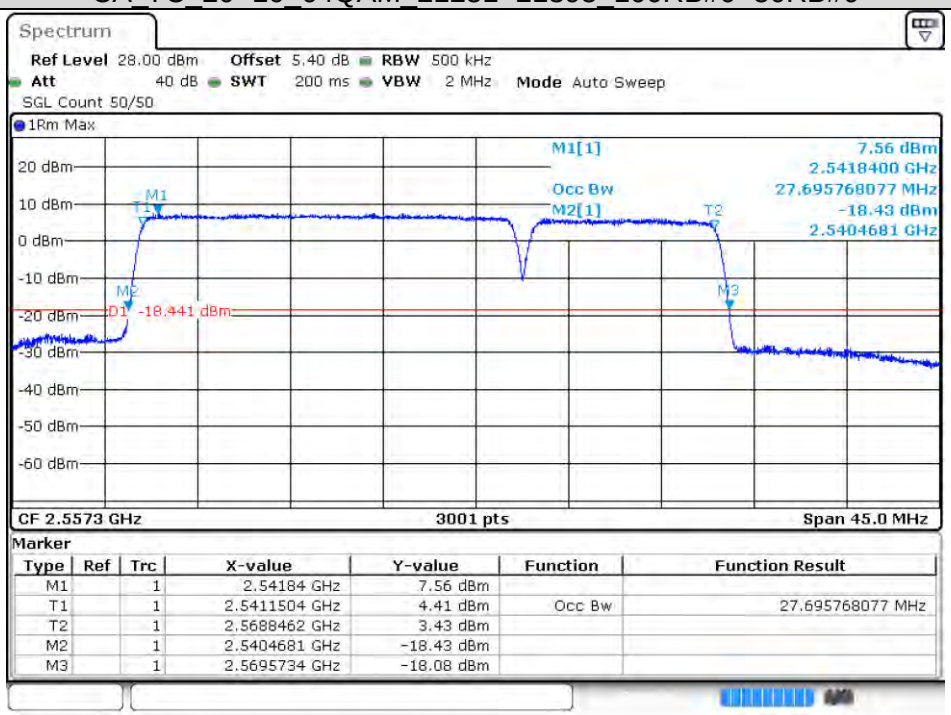


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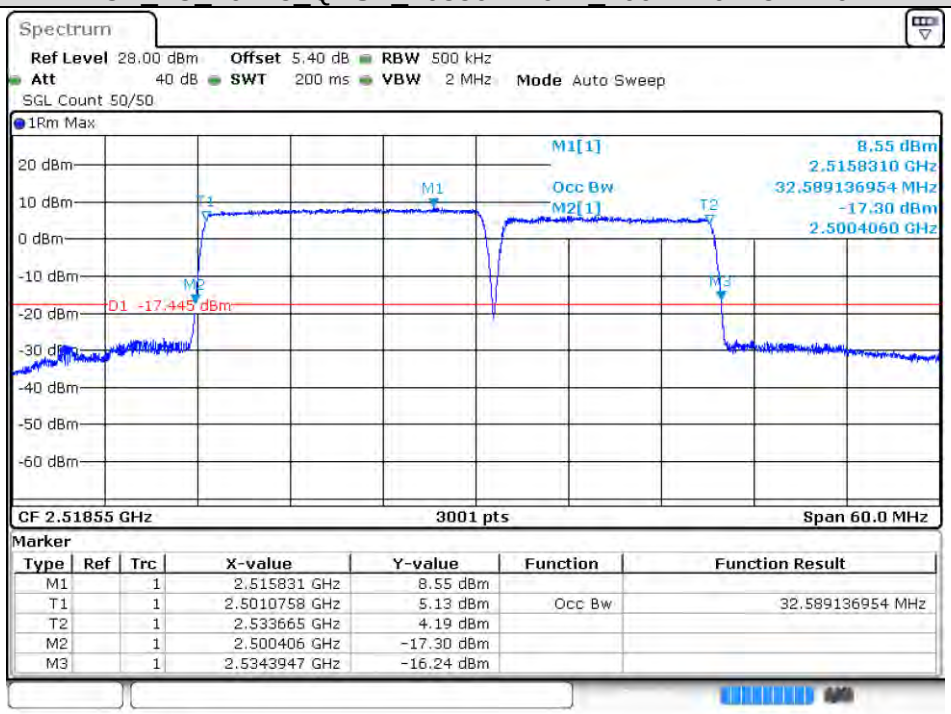
CA_7C_20+15_QPSK_20850+21021_100RB#0+75RB#0

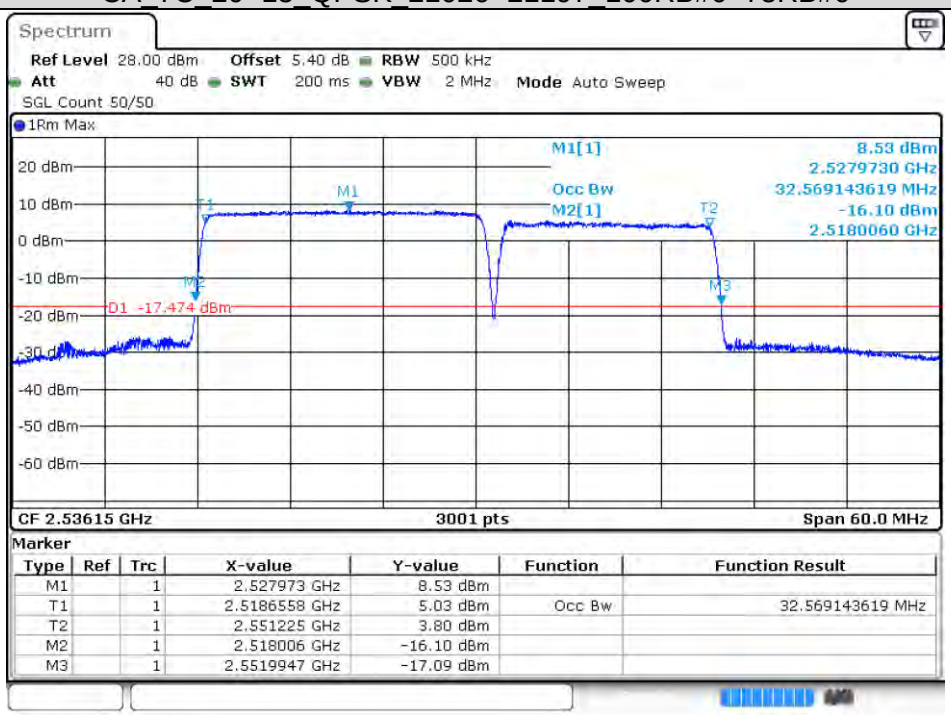



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.515831 GHz | 8.55 dBm | | |
| T1 | | 1 | 2.5010758 GHz | 5.13 dBm | Occ Bw | 32.589136954 MHz |
| T2 | | 1 | 2.533665 GHz | 4.19 dBm | | |
| M2 | | 1 | 2.500406 GHz | -17.30 dBm | | |
| M3 | | 1 | 2.5343947 GHz | -16.24 dBm | | |

Date: 14.APR.2021 16:54:59

CA_7C_20+15_QPSK_21026+21197_100RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.527973 GHz | 8.53 dBm | | |
| T1 | | 1 | 2.5186558 GHz | 5.03 dBm | Occ Bw | 32.569143619 MHz |
| T2 | | 1 | 2.551225 GHz | 3.80 dBm | | |
| M2 | | 1 | 2.518006 GHz | -16.10 dBm | | |
| M3 | | 1 | 2.5519947 GHz | -17.09 dBm | | |

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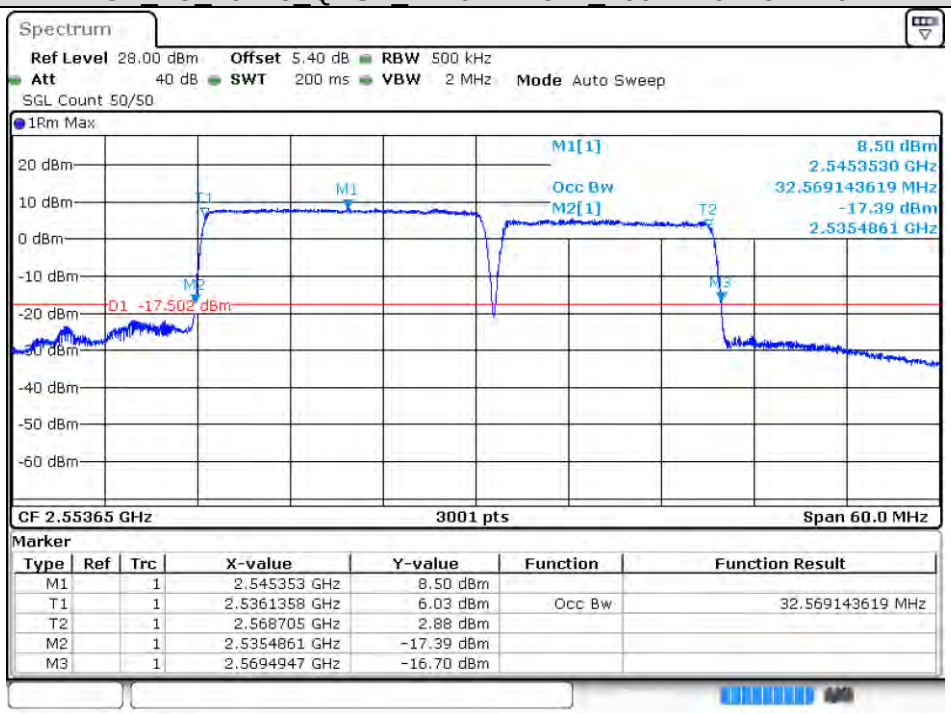


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.545353 GHz | 8.50 dBm | | |
| T1 | | 1 | 2.5361358 GHz | 6.03 dBm | Occ Bw | 32.569143619 MHz |
| T2 | | 1 | 2.568705 GHz | 2.88 dBm | | |
| M2 | | 1 | 2.5354861 GHz | -17.39 dBm | | |
| M3 | | 1 | 2.5694947 GHz | -16.70 dBm | | |

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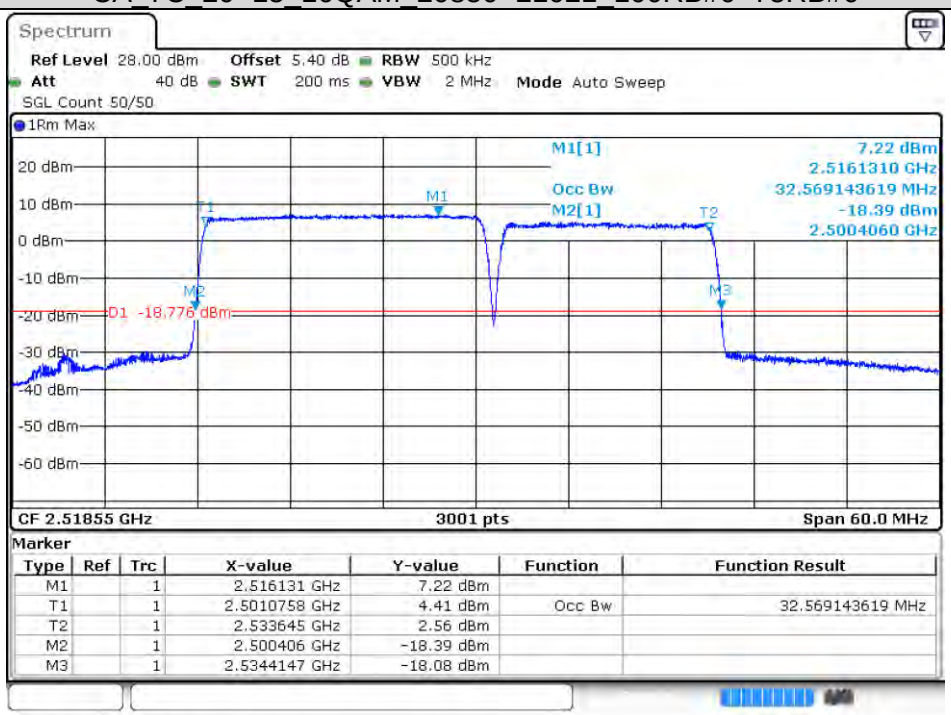
CA_7C_20+15_16QAM_20850+21021_100RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.516131 GHz | 7.22 dBm | | |
| T1 | | 1 | 2.5010758 GHz | 4.41 dBm | Occ Bw | 32.569143619 MHz |
| T2 | | 1 | 2.533645 GHz | 2.56 dBm | | |
| M2 | | 1 | 2.500406 GHz | -18.39 dBm | | |
| M3 | | 1 | 2.5344147 GHz | -18.08 dBm | | |

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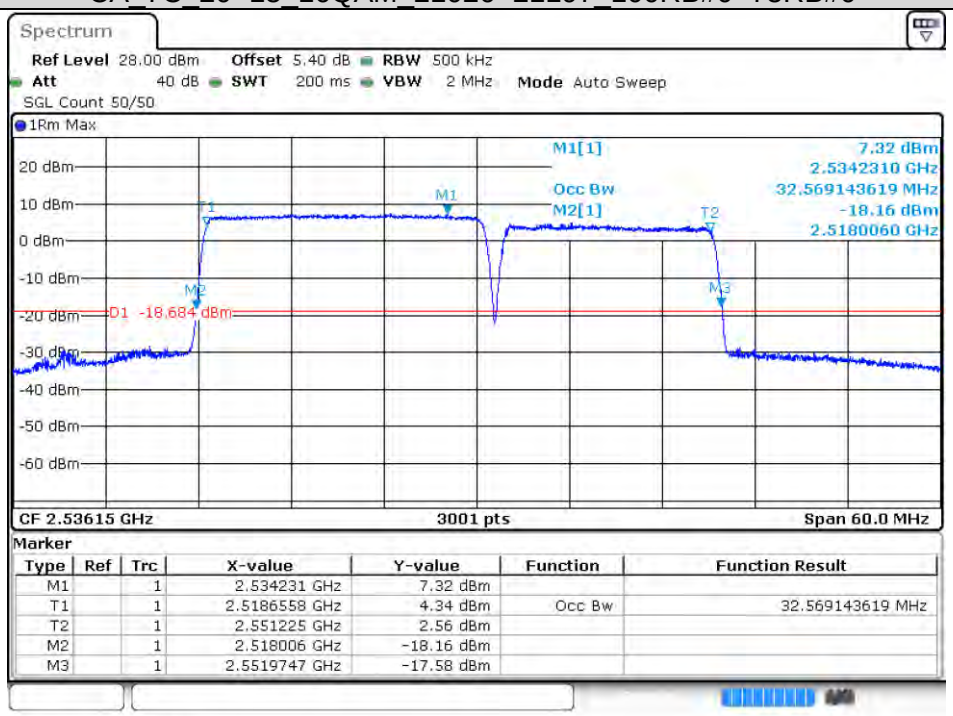
## CA_7C_20+15_16QAM_21026+21197_100RB#0+75RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.534231 GHz | 7.32 dBm | | |
| T1 | | 1 | 2.5186558 GHz | 4.34 dBm | Occ Bw | 32.569143619 MHz |
| T2 | | 1 | 2.551225 GHz | 2.56 dBm | | |
| M2 | | 1 | 2.518006 GHz | -18.16 dBm | | |
| M3 | | 1 | 2.5519747 GHz | -17.58 dBm | | |

Date: 14.APR.2021 16:56:08

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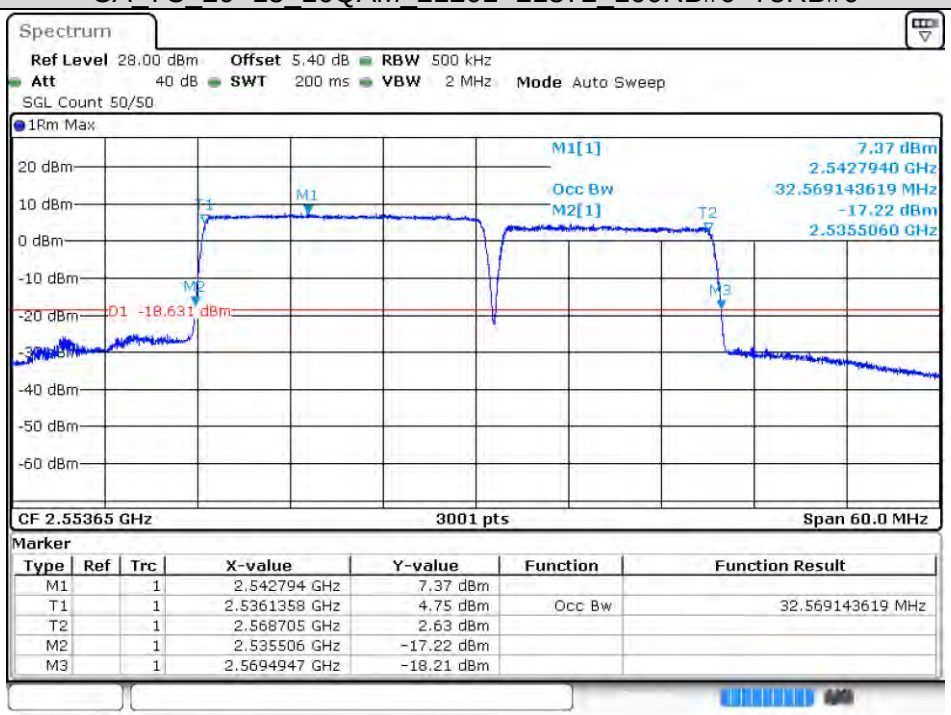


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.542794 GHz | 7.37 dBm | | |
| T1 | | 1 | 2.5361358 GHz | 4.75 dBm | Occ Bw | 32.569143619 MHz |
| T2 | | 1 | 2.568705 GHz | 2.63 dBm | | |
| M2 | | 1 | 2.535506 GHz | -17.22 dBm | | |
| M3 | | 1 | 2.5694947 GHz | -18.21 dBm | | |

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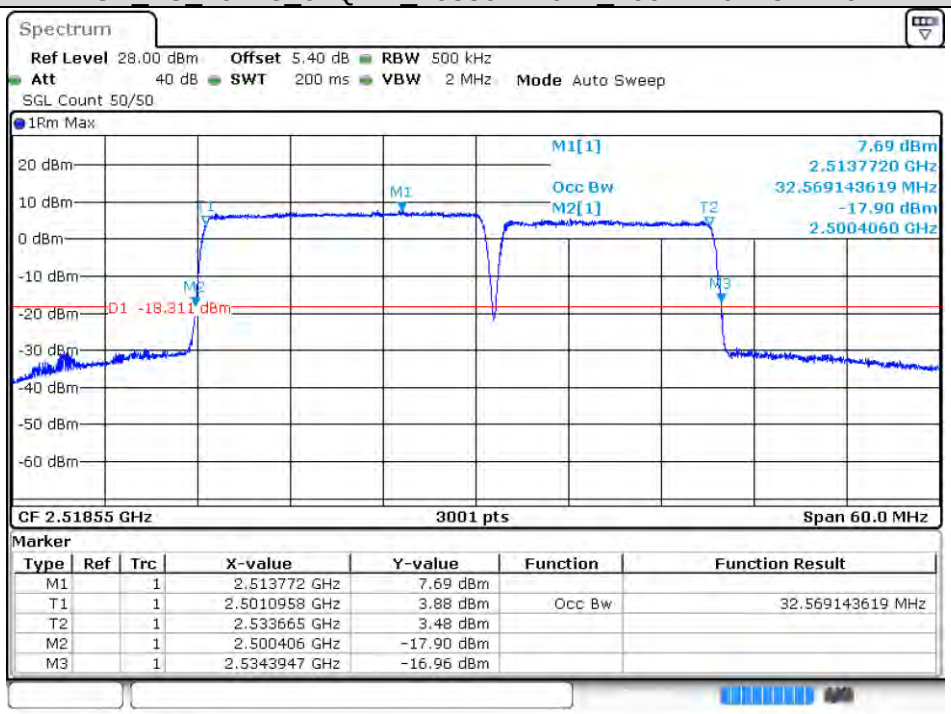


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.513772 GHz | 7.69 dBm | | |
| T1 | | 1 | 2.5010958 GHz | 3.88 dBm | Occ Bw | 32.569143619 MHz |
| T2 | | 1 | 2.533665 GHz | 3.48 dBm | | |
| M2 | | 1 | 2.500406 GHz | -17.90 dBm | | |
| M3 | | 1 | 2.5343947 GHz | -16.96 dBm | | |

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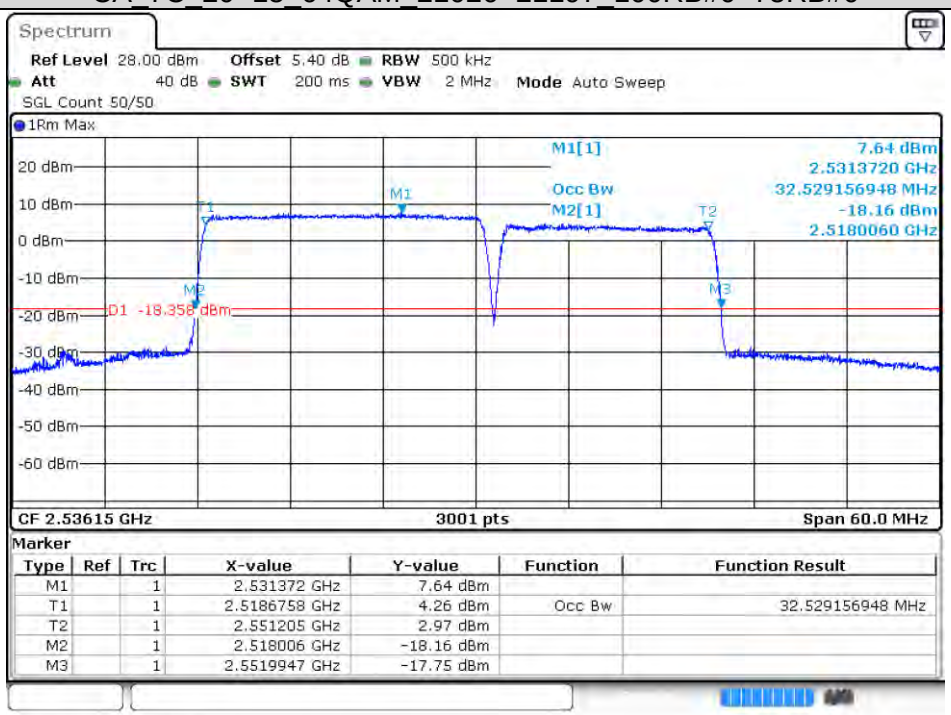


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.531372 GHz | 7.64 dBm | | |
| T1 | | 1 | 2.5186758 GHz | 4.26 dBm | Occ Bw | 32.529156948 MHz |
| T2 | | 1 | 2.551205 GHz | 2.97 dBm | | |
| M2 | | 1 | 2.518006 GHz | -18.16 dBm | | |
| M3 | | 1 | 2.5519947 GHz | -17.75 dBm | | |

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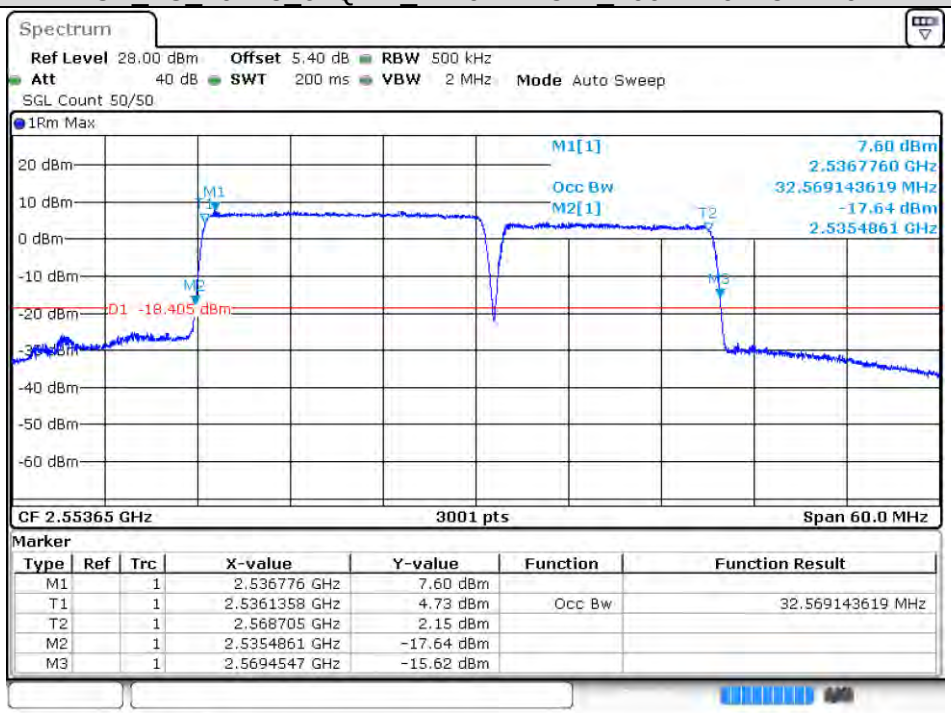


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.536776 GHz | 7.60 dBm | | |
| T1 | | 1 | 2.5361358 GHz | 4.73 dBm | Occ Bw | 32.569143619 MHz |
| T2 | | 1 | 2.568705 GHz | 2.15 dBm | | |
| M2 | | 1 | 2.5354861 GHz | -17.64 dBm | | |
| M3 | | 1 | 2.5694547 GHz | -15.62 dBm | | |

Date: 14.APR.2021 16:57:19

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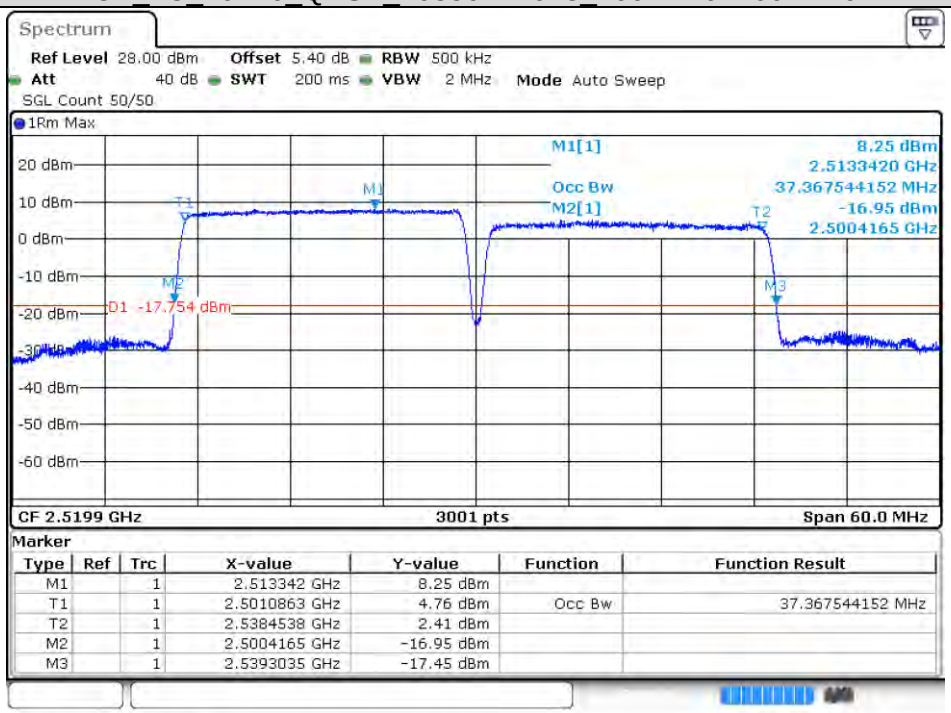


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.513342 GHz | 8.25 dBm | | |
| T1 | | 1 | 2.5010863 GHz | 4.76 dBm | Occ Bw | 37.367544152 MHz |
| T2 | | 1 | 2.5384538 GHz | 2.41 dBm | | |
| M2 | | 1 | 2.5004165 GHz | -16.95 dBm | | |
| M3 | | 1 | 2.5393035 GHz | -17.45 dBm | | |

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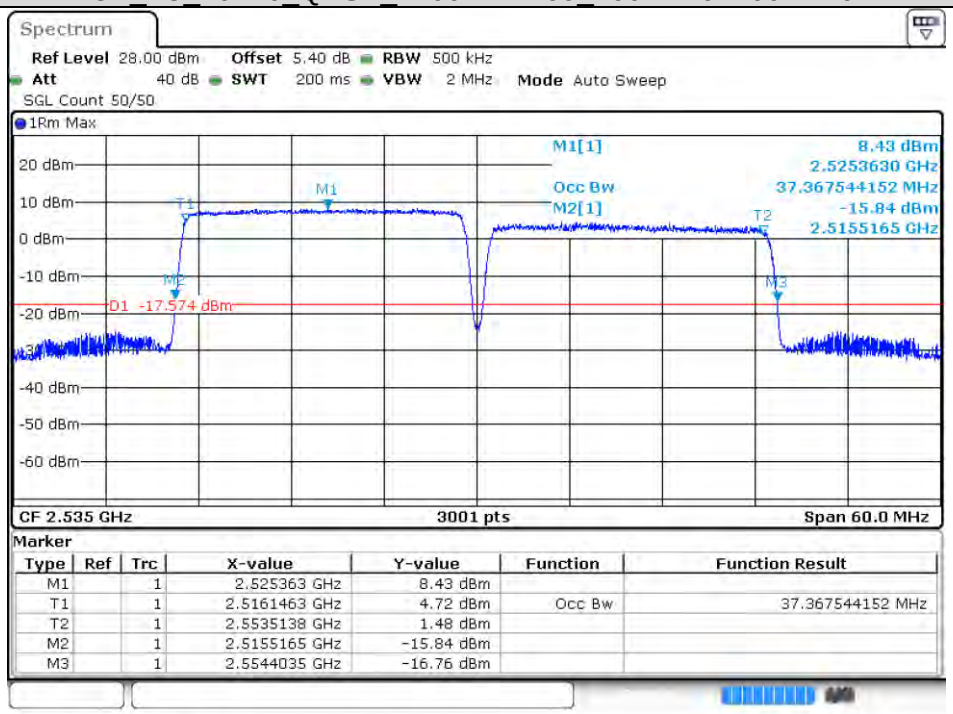


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.525363 GHz | 8.43 dBm | | |
| T1 | | 1 | 2.5161463 GHz | 4.72 dBm | Occ Bw | 37.367544152 MHz |
| T2 | | 1 | 2.5535138 GHz | 1.48 dBm | | |
| M2 | | 1 | 2.5155165 GHz | -15.84 dBm | | |
| M3 | | 1 | 2.5544035 GHz | -16.76 dBm | | |

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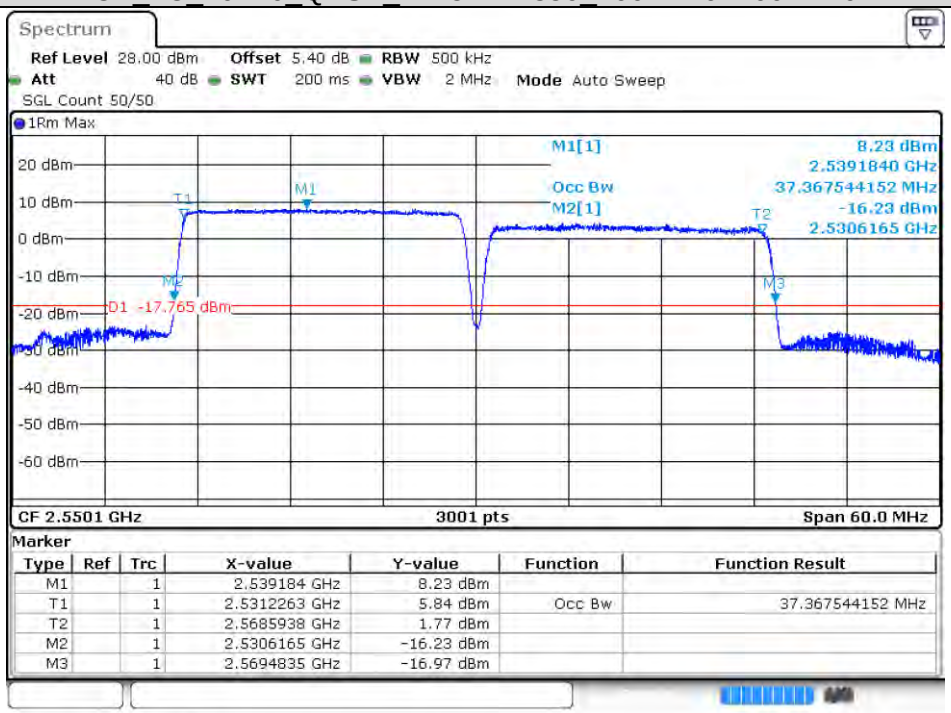


Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.539184 GHz | 8.23 dBm | | |
| T1 | | 1 | 2.5312263 GHz | 5.84 dBm | Occ Bw | 37.367544152 MHz |
| T2 | | 1 | 2.5685938 GHz | 1.77 dBm | | |
| M2 | | 1 | 2.5306165 GHz | -16.23 dBm | | |
| M3 | | 1 | 2.5694835 GHz | -16.97 dBm | | |

Date: 14.APR.2021 18:51:59

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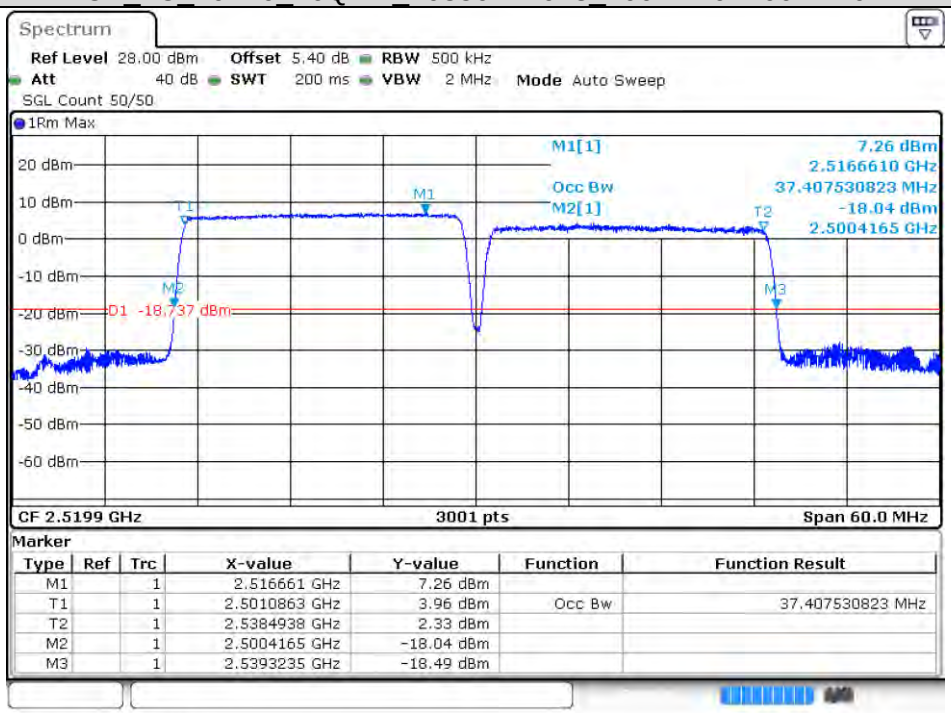
CA_7C_20+20_16QAM_20850+21048_100RB#0+100RB#0

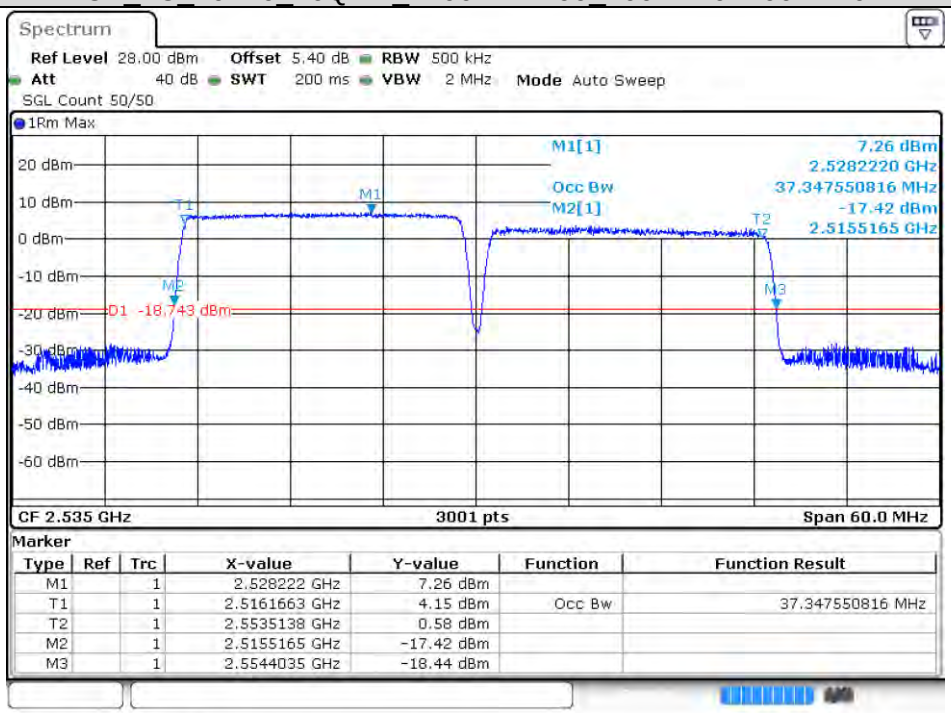



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.516661 GHz | 7.26 dBm | | |
| T1 | | 1 | 2.5010863 GHz | 3.96 dBm | Occ Bw | 37.407530823 MHz |
| T2 | | 1 | 2.5384938 GHz | 2.33 dBm | | |
| M2 | | 1 | 2.5004165 GHz | -18.04 dBm | | |
| M3 | | 1 | 2.5393235 GHz | -18.49 dBm | | |

Date: 14.APR.2021 18:50:34

CA_7C_20+20_16QAM_21001+21199_100RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.528222 GHz | 7.26 dBm | | |
| T1 | | 1 | 2.5161663 GHz | 4.15 dBm | Occ Bw | 37.347550816 MHz |
| T2 | | 1 | 2.5535138 GHz | 0.58 dBm | | |
| M2 | | 1 | 2.5155165 GHz | -17.42 dBm | | |
| M3 | | 1 | 2.5544035 GHz | -18.44 dBm | | |

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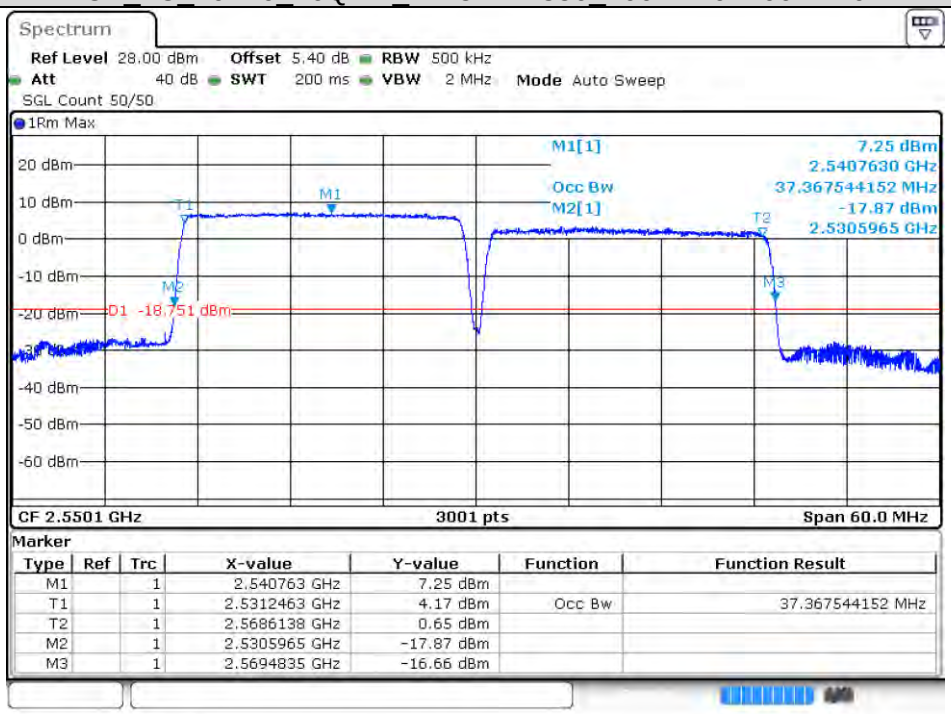
## CA_7C_20+20_16QAM_21152+21350_100RB#0+100RB#0

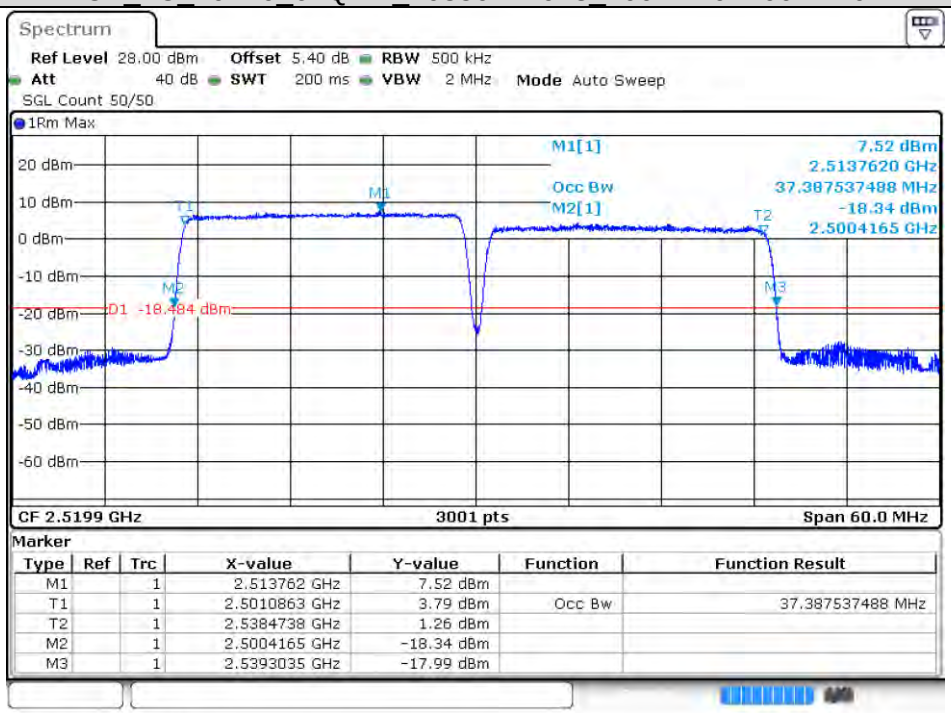



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.540763 GHz | 7.25 dBm | | |
| T1 | | 1 | 2.5312463 GHz | 4.17 dBm | Occ Bw | 37.367544152 MHz |
| T2 | | 1 | 2.5686138 GHz | 0.65 dBm | | |
| M2 | | 1 | 2.5305965 GHz | -17.87 dBm | | |
| M3 | | 1 | 2.5694835 GHz | -16.66 dBm | | |

Date: 14.APR.2021 18:52:15

## CA_7C_20+20_64QAM_20850+21048_100RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.513762 GHz | 7.52 dBm | | |
| T1 | | 1 | 2.5010863 GHz | 3.79 dBm | Occ Bw | 37.387537488 MHz |
| T2 | | 1 | 2.5384738 GHz | 1.26 dBm | | |
| M2 | | 1 | 2.5004165 GHz | -18.34 dBm | | |
| M3 | | 1 | 2.5393035 GHz | -17.99 dBm | | |

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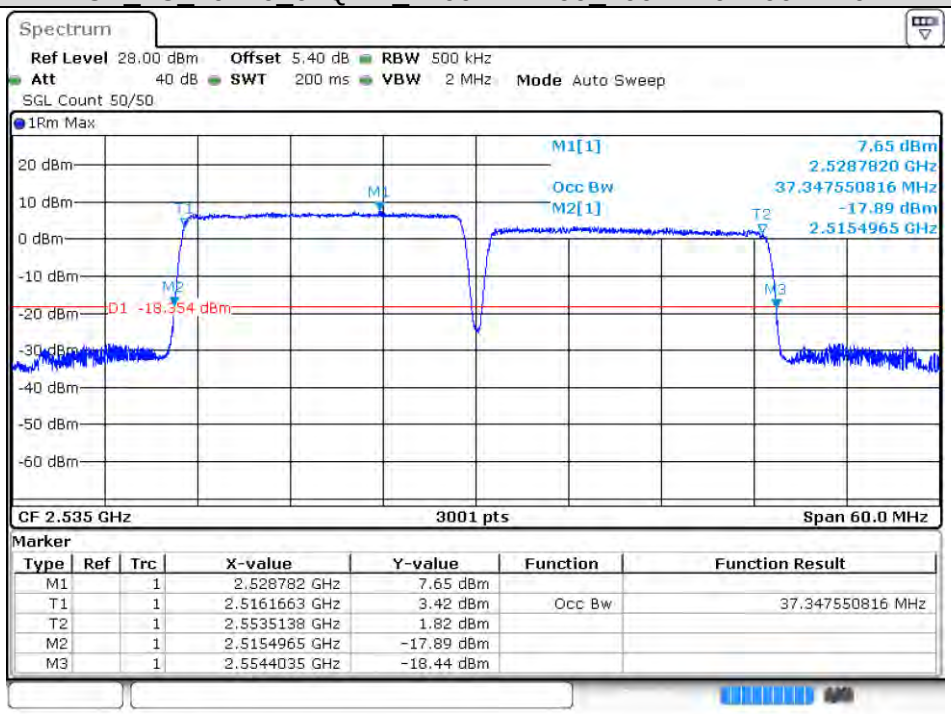
## CA_7C_20+20_64QAM_21001+21199_100RB#0+100RB#0

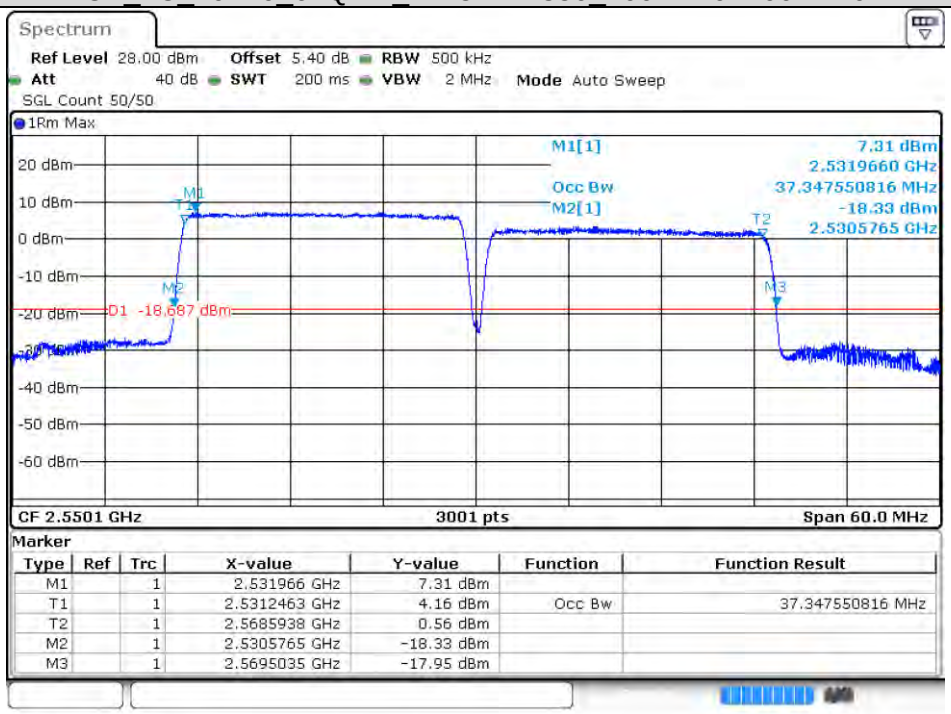



Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.528782 GHz | 7.65 dBm | | |
| T1 | | 1 | 2.5161663 GHz | 3.42 dBm | Occ Bw | 37.347550816 MHz |
| T2 | | 1 | 2.5535138 GHz | 1.82 dBm | | |
| M2 | | 1 | 2.5154965 GHz | -17.89 dBm | | |
| M3 | | 1 | 2.5544035 GHz | -18.44 dBm | | |

Date: 14.APR.2021 18:51:41

## CA_7C_20+20_64QAM_21152+21350_100RB#0+100RB#0




Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.531966 GHz | 7.31 dBm | | |
| T1 | | 1 | 2.5312463 GHz | 4.16 dBm | Occ Bw | 37.347550816 MHz |
| T2 | | 1 | 2.5685938 GHz | 0.56 dBm | | |
| M2 | | 1 | 2.5305765 GHz | -18.33 dBm | | |
| M3 | | 1 | 2.5695035 GHz | -17.95 dBm | | |

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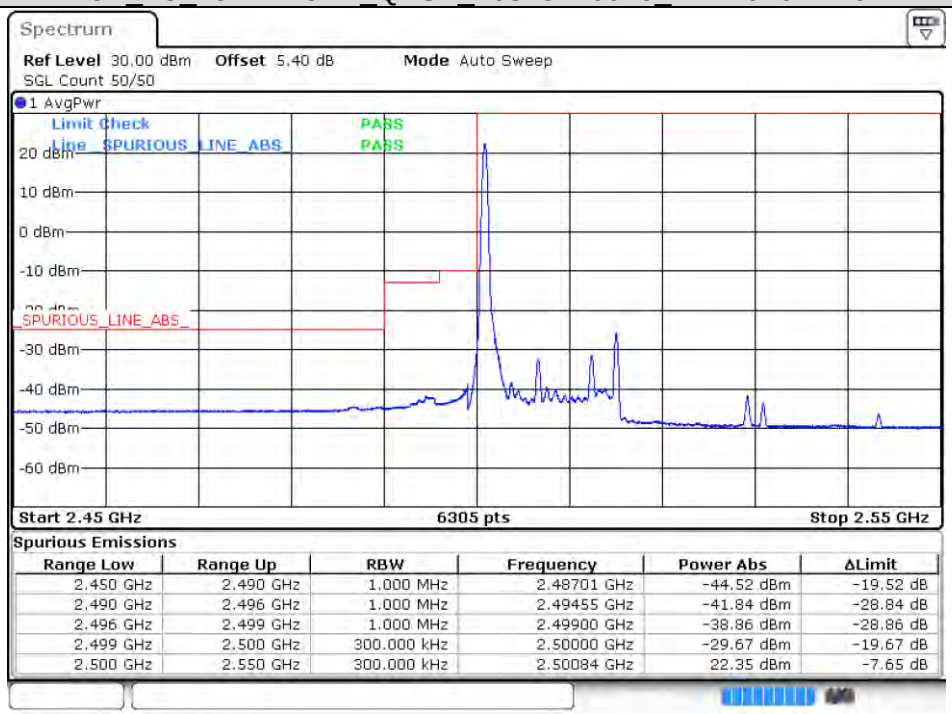
# 5 Band Edges Compliance

## 5.1 For LTE

### 5.1.1 Test Band = LTE Band CA_7C

CA_7C_75RB+75RB_QPSK_20825+20975_1RB#0+0RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48701 GHz | -44.52 dBm | -19.52 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49455 GHz | -41.84 dBm | -28.84 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49900 GHz | -38.86 dBm | -28.86 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.50000 GHz | -29.67 dBm | -19.67 dB |
| 2.500 GHz | 2.550 GHz | 300.000 kHz | 2.50084 GHz | 22.35 dBm | -7.65 dB |

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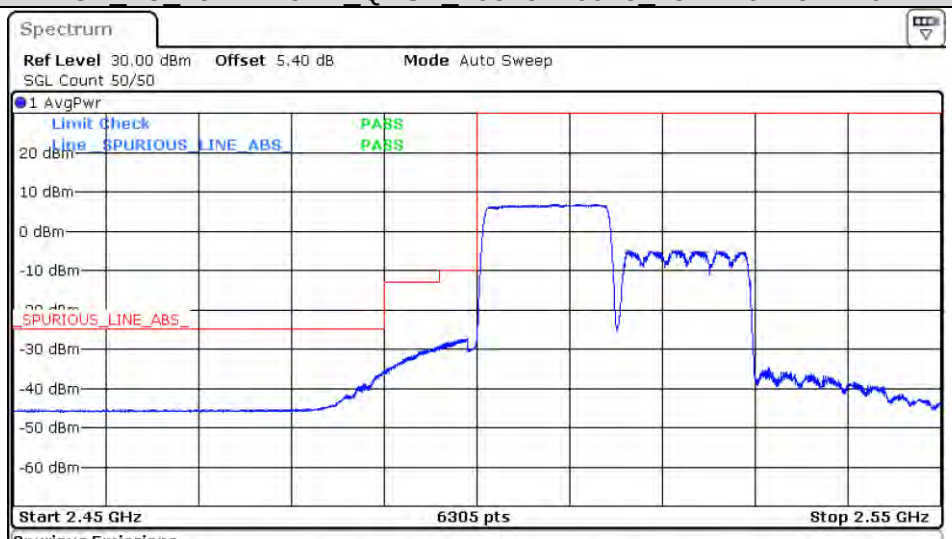
CA_7C_75RB+75RB_QPSK_20825+20975_75RB#0+75RB#0

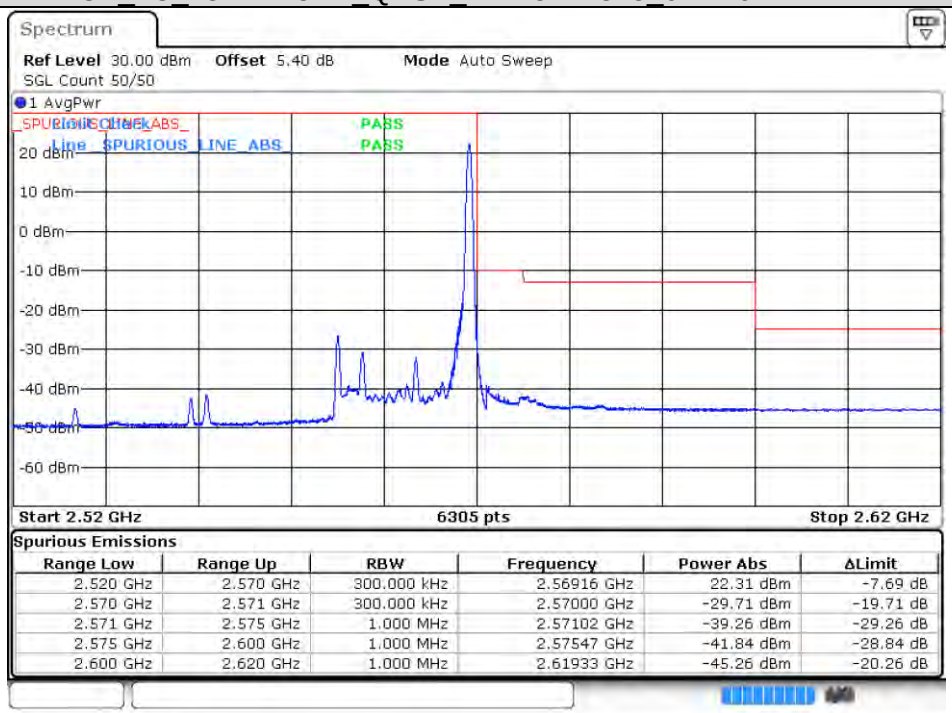



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48987 GHz | -35.74 dBm | -10.74 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49599 GHz | -29.45 dBm | -16.45 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49897 GHz | -27.45 dBm | -17.45 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -26.84 dBm | -16.84 dB |
| 2.500 GHz | 2.550 GHz | 500.000 kHz | 2.50833 GHz | 6.75 dBm | -23.25 dB |

Date: 14.APR.2021 18:54:57

CA_7C_75RB+75RB_QPSK_21225+21375_0RB#0+1RB#74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 300.000 kHz | 2.56916 GHz | 22.31 dBm | -7.69 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57000 GHz | -29.71 dBm | -19.71 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57102 GHz | -39.26 dBm | -29.26 dB |
| 2.575 GHz | 2.600 GHz | 1.000 MHz | 2.57547 GHz | -41.84 dBm | -28.84 dB |
| 2.600 GHz | 2.620 GHz | 1.000 MHz | 2.61933 GHz | -45.26 dBm | -20.26 dB |

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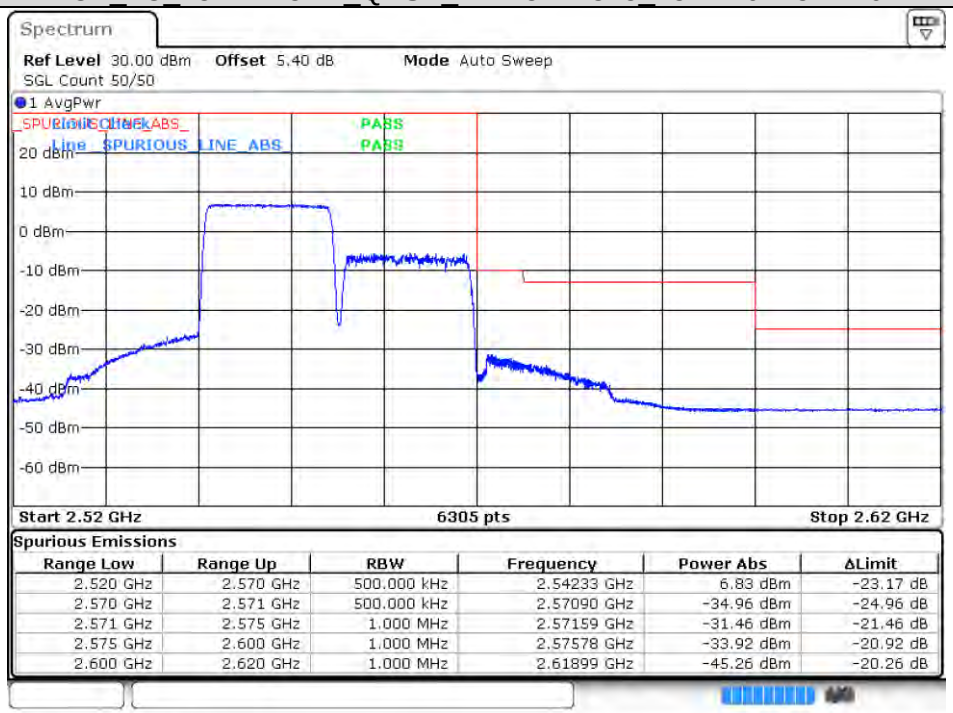
## CA_7C_75RB+75RB_QPSK_21225+21375_75RB#0+75RB#0

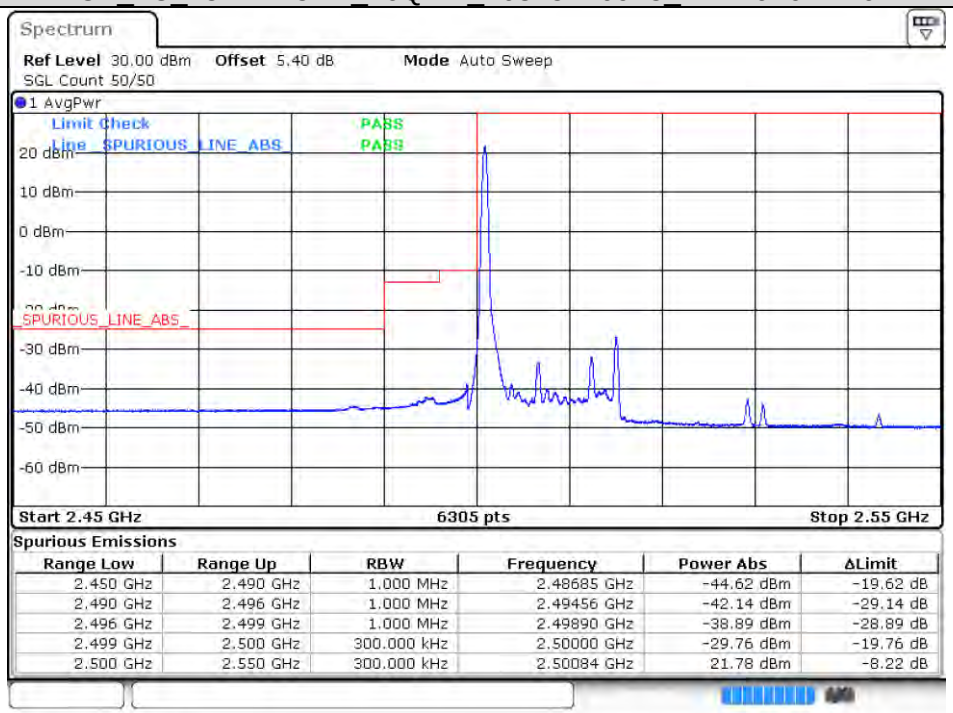



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 500.000 kHz | 2.54233 GHz | 6.83 dBm | -23.17 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57090 GHz | -34.96 dBm | -24.96 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57159 GHz | -31.46 dBm | -21.46 dB |
| 2.575 GHz | 2.600 GHz | 1.000 MHz | 2.57578 GHz | -33.92 dBm | -20.92 dB |
| 2.600 GHz | 2.620 GHz | 1.000 MHz | 2.61899 GHz | -45.26 dBm | -20.26 dB |

Date: 14.APR.2021 18:58:51

## CA_7C_75RB+75RB_16QAM_20825+20975_1RB#0+0RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48685 GHz | -44.62 dBm | -19.62 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49456 GHz | -42.14 dBm | -29.14 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49890 GHz | -38.89 dBm | -28.89 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.50000 GHz | -29.76 dBm | -19.76 dB |
| 2.500 GHz | 2.550 GHz | 300.000 kHz | 2.50084 GHz | 21.78 dBm | -8.22 dB |

Date: 14.APR.2021 18:53:56

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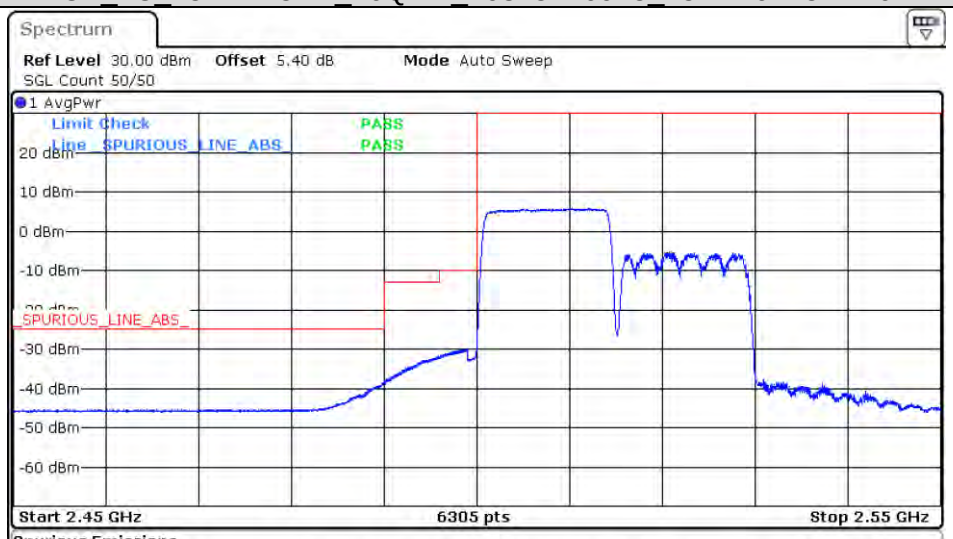
## CA_7C_75RB+75RB_16QAM_20825+20975_75RB#0+75RB#0

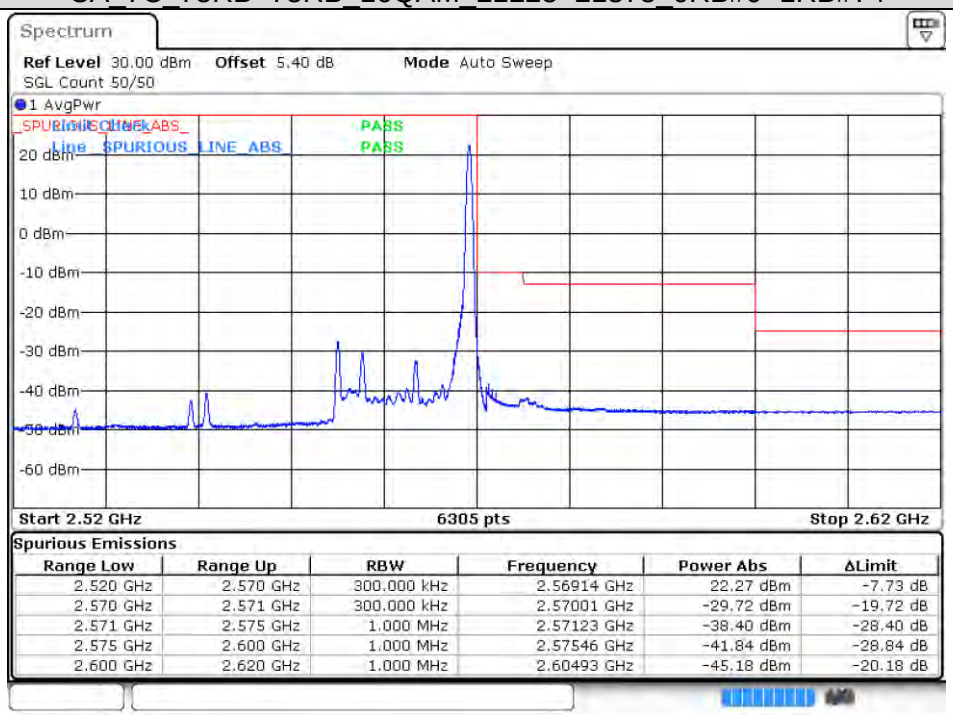



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48979 GHz | -38.54 dBm | -13.54 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49579 GHz | -31.93 dBm | -18.93 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49883 GHz | -30.14 dBm | -20.14 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -28.68 dBm | -18.68 dB |
| 2.500 GHz | 2.550 GHz | 500.000 kHz | 2.51021 GHz | 5.72 dBm | -24.28 dB |

Date: 14.APR.2021 18:55:25

## CA_7C_75RB+75RB_16QAM_21225+21375_0RB#0+1RB#74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 300.000 kHz | 2.56914 GHz | 22.27 dBm | -7.73 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57001 GHz | -29.72 dBm | -19.72 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57123 GHz | -38.40 dBm | -28.40 dB |
| 2.575 GHz | 2.600 GHz | 1.000 MHz | 2.57546 GHz | -41.84 dBm | -28.84 dB |
| 2.600 GHz | 2.620 GHz | 1.000 MHz | 2.60493 GHz | -45.18 dBm | -20.18 dB |

Date: 14.APR.2021 18:57:09

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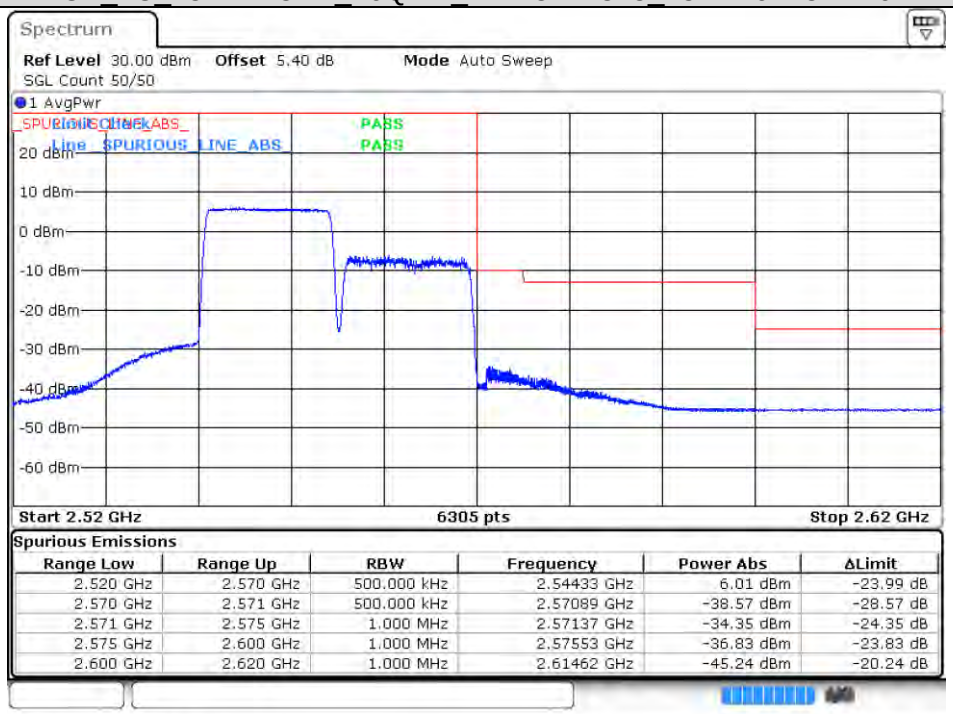
## CA_7C_75RB+75RB_16QAM_21225+21375_75RB#0+75RB#0

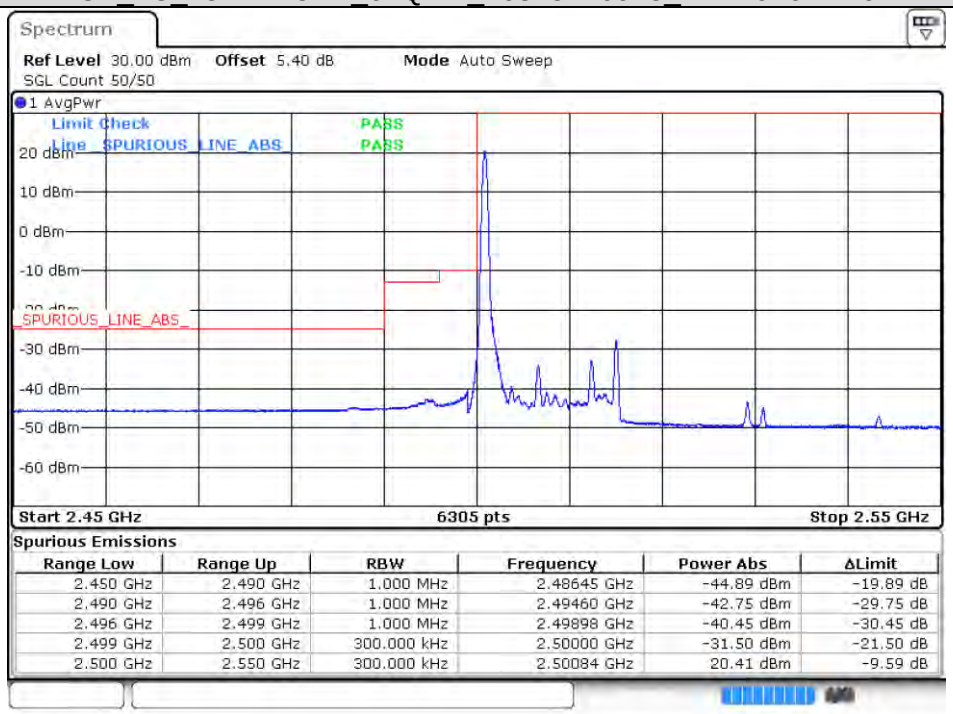



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 500.000 kHz | 2.54433 GHz | 6.01 dBm | -23.99 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57089 GHz | -38.57 dBm | -28.57 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57137 GHz | -34.35 dBm | -24.35 dB |
| 2.575 GHz | 2.600 GHz | 1.000 MHz | 2.57553 GHz | -36.83 dBm | -23.83 dB |
| 2.600 GHz | 2.620 GHz | 1.000 MHz | 2.61462 GHz | -45.24 dBm | -20.24 dB |

Date: 14.APR.2021 18:59:06

## CA_7C_75RB+75RB_64QAM_20825+20975_1RB#0+0RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48645 GHz | -44.89 dBm | -19.89 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49460 GHz | -42.75 dBm | -29.75 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49898 GHz | -40.45 dBm | -30.45 dB |
| 2.499 GHz | 2.500 GHz | 300.000 kHz | 2.50000 GHz | -31.50 dBm | -21.50 dB |
| 2.500 GHz | 2.550 GHz | 300.000 kHz | 2.50084 GHz | 20.41 dBm | -9.59 dB |

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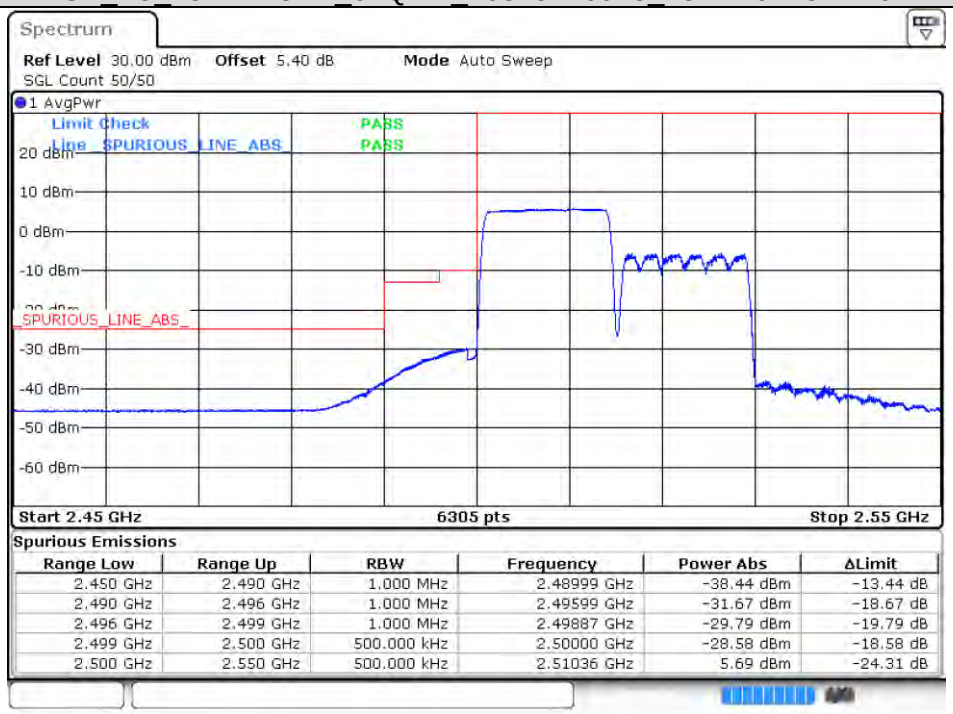
CA_7C_75RB+75RB_64QAM_20825+20975_75RB#0+75RB#0

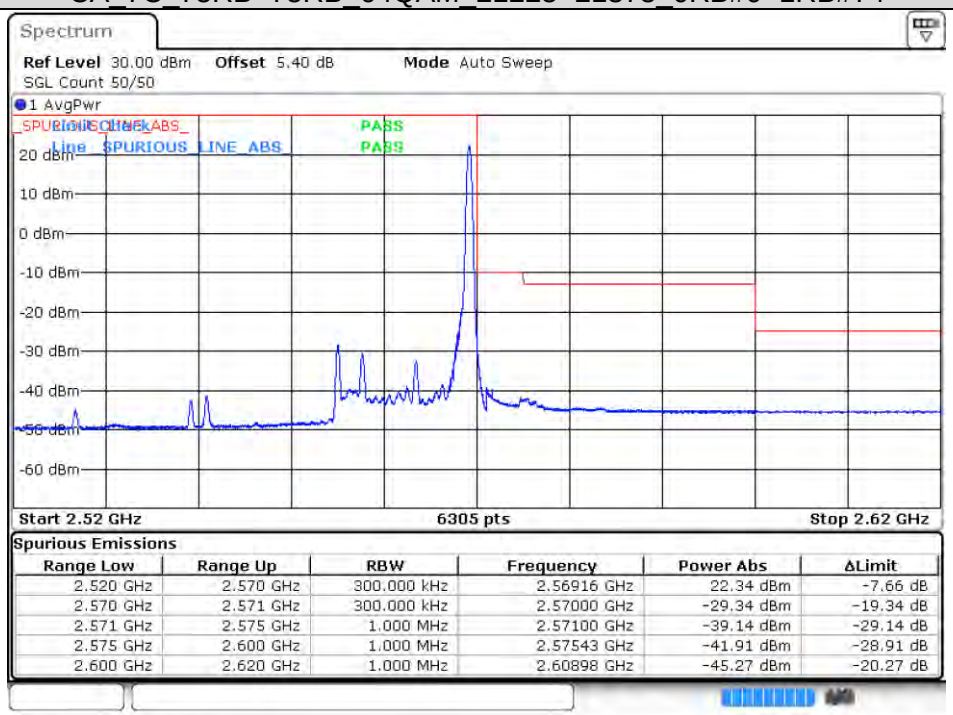



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48999 GHz | -38.44 dBm | -13.44 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49599 GHz | -31.67 dBm | -18.67 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49887 GHz | -29.79 dBm | -19.79 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -28.58 dBm | -18.58 dB |
| 2.500 GHz | 2.550 GHz | 500.000 kHz | 2.51036 GHz | 5.69 dBm | -24.31 dB |

Date: 14.APR.2021 18:55:54

CA_7C_75RB+75RB_64QAM_21225+21375_0RB#0+1RB#74




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 300.000 kHz | 2.56916 GHz | 22.34 dBm | -7.66 dB |
| 2.570 GHz | 2.571 GHz | 300.000 kHz | 2.57000 GHz | -29.34 dBm | -19.34 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -39.14 dBm | -29.14 dB |
| 2.575 GHz | 2.600 GHz | 1.000 MHz | 2.57543 GHz | -41.91 dBm | -28.91 dB |
| 2.600 GHz | 2.620 GHz | 1.000 MHz | 2.60898 GHz | -45.27 dBm | -20.27 dB |

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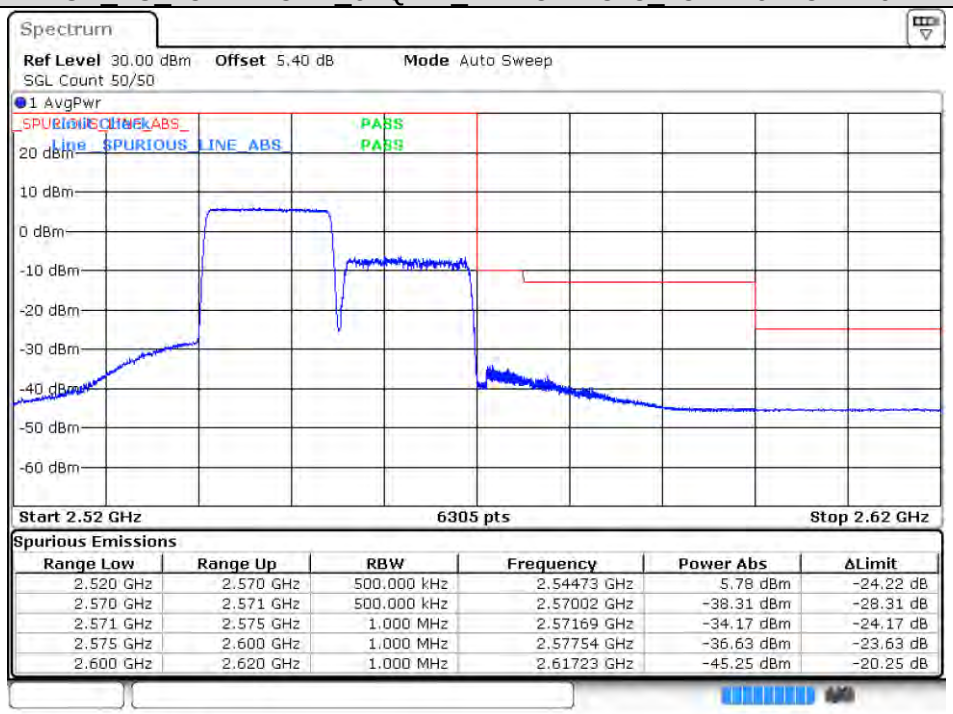
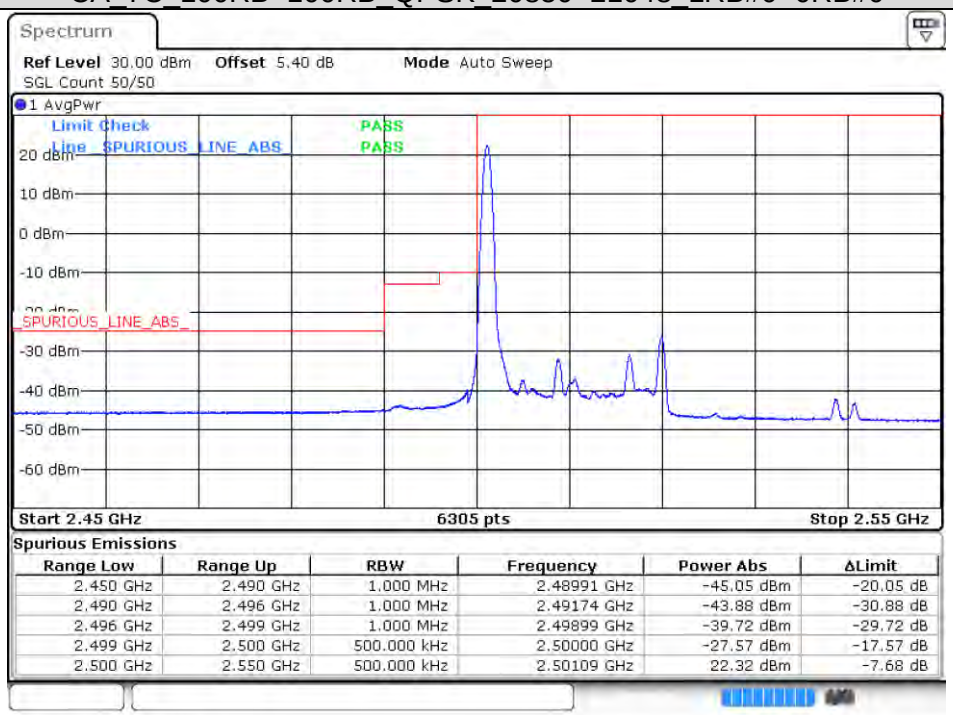



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 500.000 kHz | 2.54473 GHz | 5.78 dBm | -24.22 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57002 GHz | -38.31 dBm | -28.31 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57169 GHz | -34.17 dBm | -24.17 dB |
| 2.575 GHz | 2.600 GHz | 1.000 MHz | 2.57754 GHz | -36.63 dBm | -23.63 dB |
| 2.600 GHz | 2.620 GHz | 1.000 MHz | 2.61723 GHz | -45.25 dBm | -20.25 dB |

Date: 14.APR.2021 18:59:23

## CA_7C_100RB+100RB_QPSK_20850+21048_1RB#0+0RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48991 GHz | -45.05 dBm | -20.05 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49174 GHz | -43.88 dBm | -30.88 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -39.72 dBm | -29.72 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -27.57 dBm | -17.57 dB |
| 2.500 GHz | 2.550 GHz | 500.000 kHz | 2.50109 GHz | 22.32 dBm | -7.68 dB |

Date: 14.APR.2021 19:00:13

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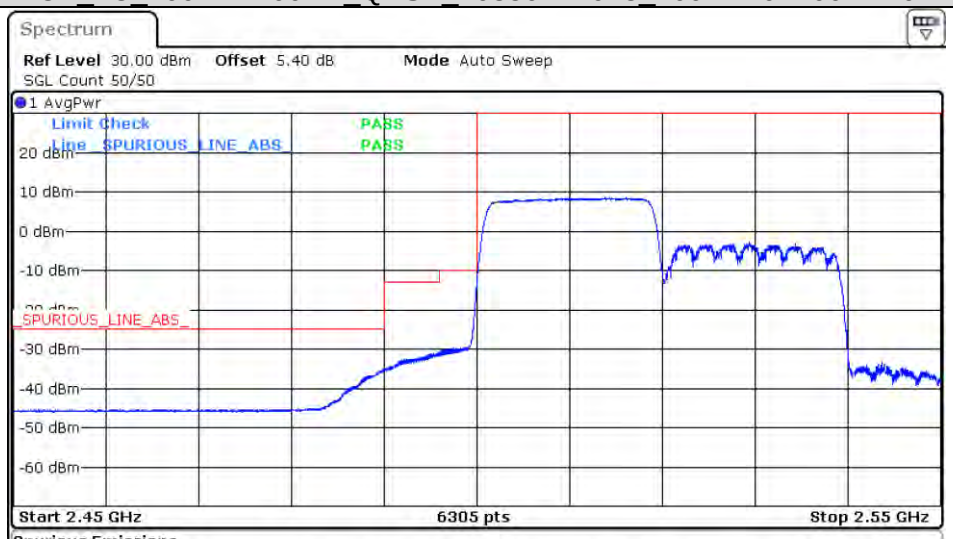
## CA_7C_100RB+100RB_QPSK_20850+21048_100RB#0+100RB#0

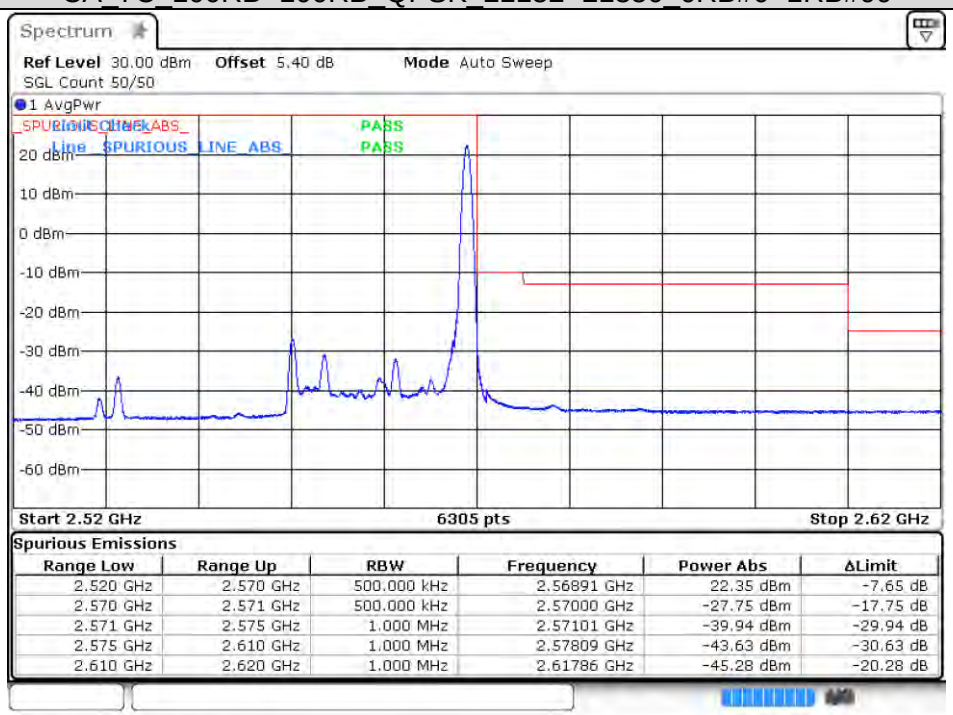



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48995 GHz | -35.04 dBm | -10.04 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49588 GHz | -30.78 dBm | -17.78 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49897 GHz | -29.67 dBm | -19.67 dB |
| 2.499 GHz | 2.500 GHz | 1.000 MHz | 2.50000 GHz | -12.79 dBm | -2.79 dB |
| 2.500 GHz | 2.550 GHz | 1.000 MHz | 2.51613 GHz | 8.39 dBm | -21.61 dB |

Date: 14.APR.2021 19:01:42

## CA_7C_100RB+100RB_QPSK_21152+21350_0RB#0+1RB#99




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 500.000 kHz | 2.56891 GHz | 22.35 dBm | -7.65 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -27.75 dBm | -17.75 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -39.94 dBm | -29.94 dB |
| 2.575 GHz | 2.610 GHz | 1.000 MHz | 2.57809 GHz | -43.63 dBm | -30.63 dB |
| 2.610 GHz | 2.620 GHz | 1.000 MHz | 2.61786 GHz | -45.28 dBm | -20.28 dB |

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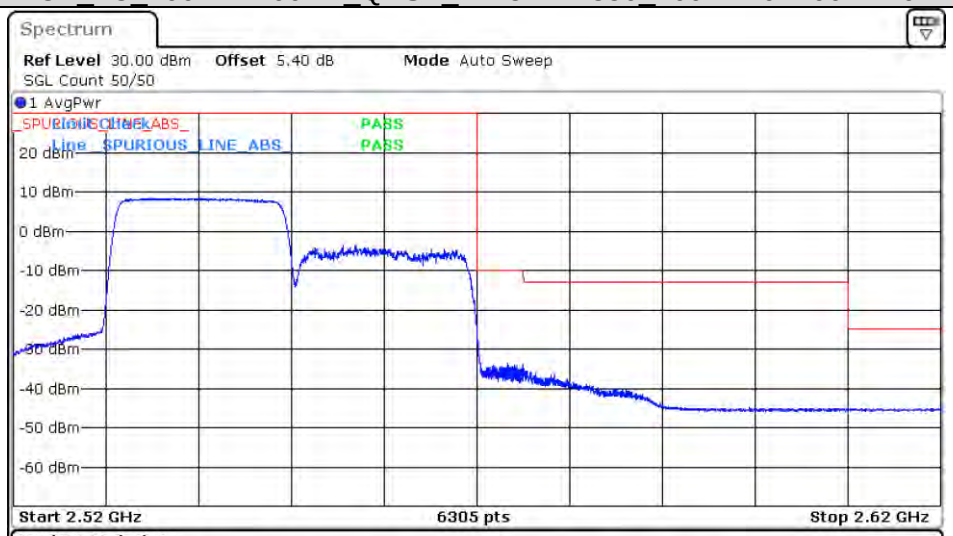
## CA_7C_100RB+100RB_QPSK_21152+21350_100RB#0+100RB#0

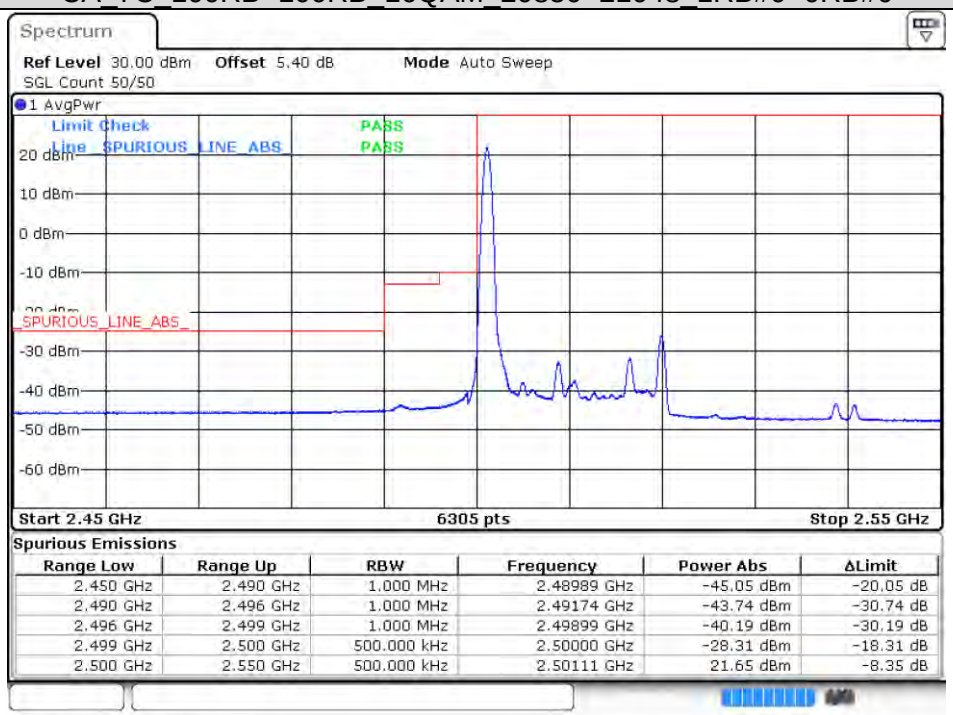



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 1.000 MHz | 2.53478 GHz | 8.36 dBm | -21.64 dB |
| 2.570 GHz | 2.571 GHz | 1.000 MHz | 2.57000 GHz | -27.17 dBm | -17.17 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57332 GHz | -33.48 dBm | -23.48 dB |
| 2.575 GHz | 2.610 GHz | 1.000 MHz | 2.57511 GHz | -34.94 dBm | -21.94 dB |
| 2.610 GHz | 2.620 GHz | 1.000 MHz | 2.61742 GHz | -45.23 dBm | -20.23 dB |

Date: 14.APR.2021 19:06:29

## CA_7C_100RB+100RB_16QAM_20850+21048_1RB#0+0RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48989 GHz | -45.05 dBm | -20.05 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49174 GHz | -43.74 dBm | -30.74 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -40.19 dBm | -30.19 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -28.31 dBm | -18.31 dB |
| 2.500 GHz | 2.550 GHz | 500.000 kHz | 2.50111 GHz | 21.65 dBm | -8.35 dB |

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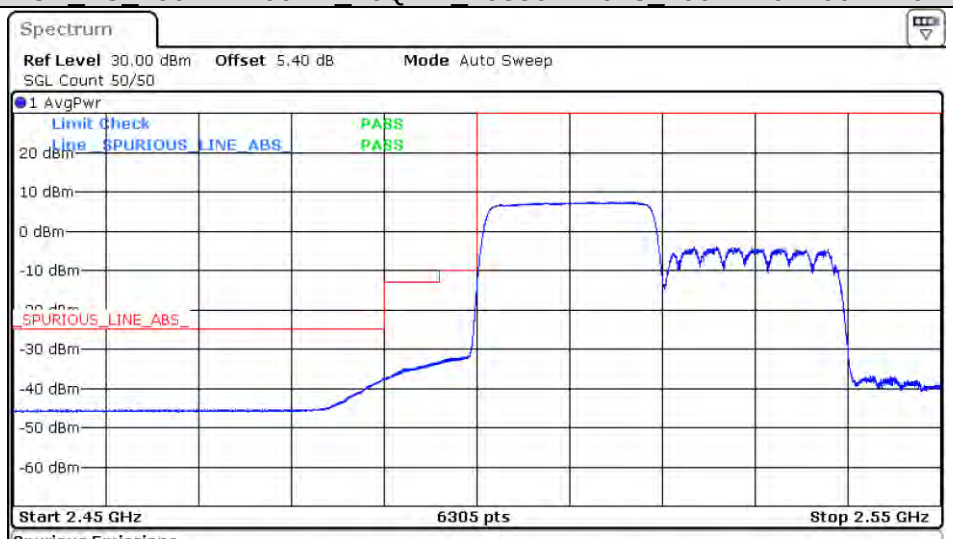
CA_7C_100RB+100RB_16QAM_20850+21048_100RB#0+100RB#0

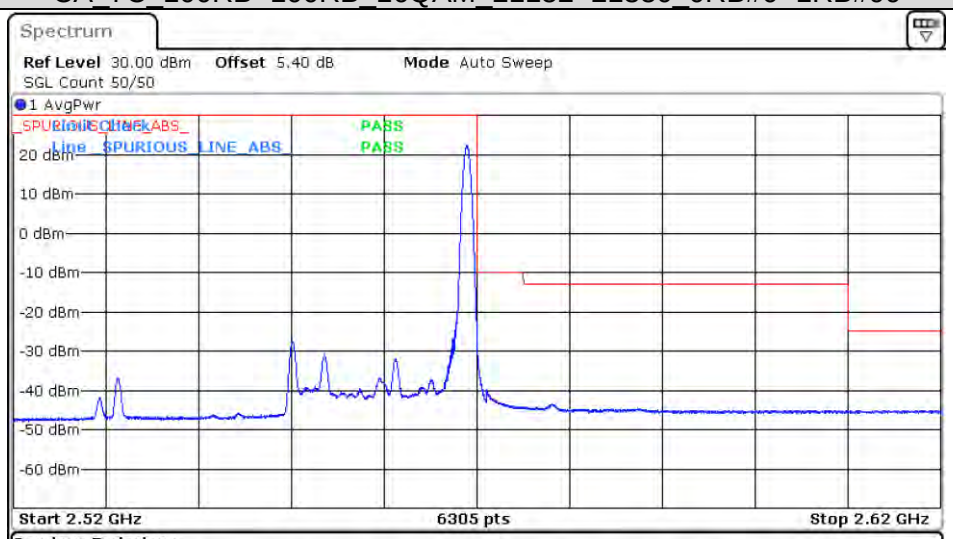



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48995 GHz | -37.51 dBm | -12.51 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49591 GHz | -33.25 dBm | -20.25 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -31.96 dBm | -21.96 dB |
| 2.499 GHz | 2.500 GHz | 1.000 MHz | 2.50000 GHz | -13.79 dBm | -3.79 dB |
| 2.500 GHz | 2.550 GHz | 1.000 MHz | 2.51221 GHz | 7.31 dBm | -22.69 dB |

Date: 14.APR.2021 19:02:11

CA_7C_100RB+100RB_16QAM_21152+21350_0RB#0+1RB#99




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 500.000 kHz | 2.56886 GHz | 22.24 dBm | -7.76 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -27.63 dBm | -17.63 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57101 GHz | -39.87 dBm | -29.87 dB |
| 2.575 GHz | 2.610 GHz | 1.000 MHz | 2.57807 GHz | -43.53 dBm | -30.53 dB |
| 2.610 GHz | 2.620 GHz | 1.000 MHz | 2.61750 GHz | -45.26 dBm | -20.26 dB |

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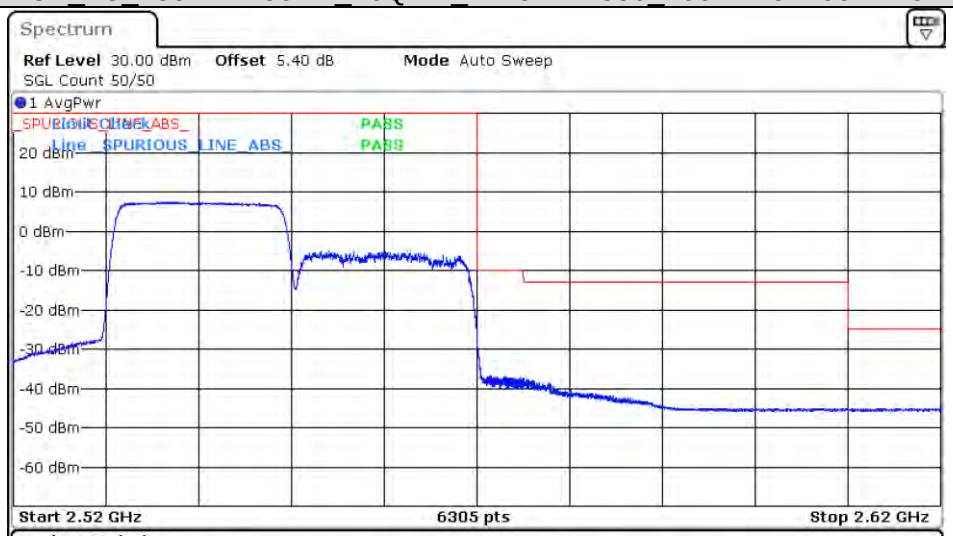
## CA_7C_100RB+100RB_16QAM_21152+21350_100RB#0+100RB#0




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 1.000 MHz | 2.53643 GHz | 7.42 dBm | -22.58 dB |
| 2.570 GHz | 2.571 GHz | 1.000 MHz | 2.57001 GHz | -27.41 dBm | -17.41 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57152 GHz | -36.84 dBm | -26.84 dB |
| 2.575 GHz | 2.610 GHz | 1.000 MHz | 2.57504 GHz | -37.41 dBm | -24.41 dB |
| 2.610 GHz | 2.620 GHz | 1.000 MHz | 2.61943 GHz | -45.21 dBm | -20.21 dB |

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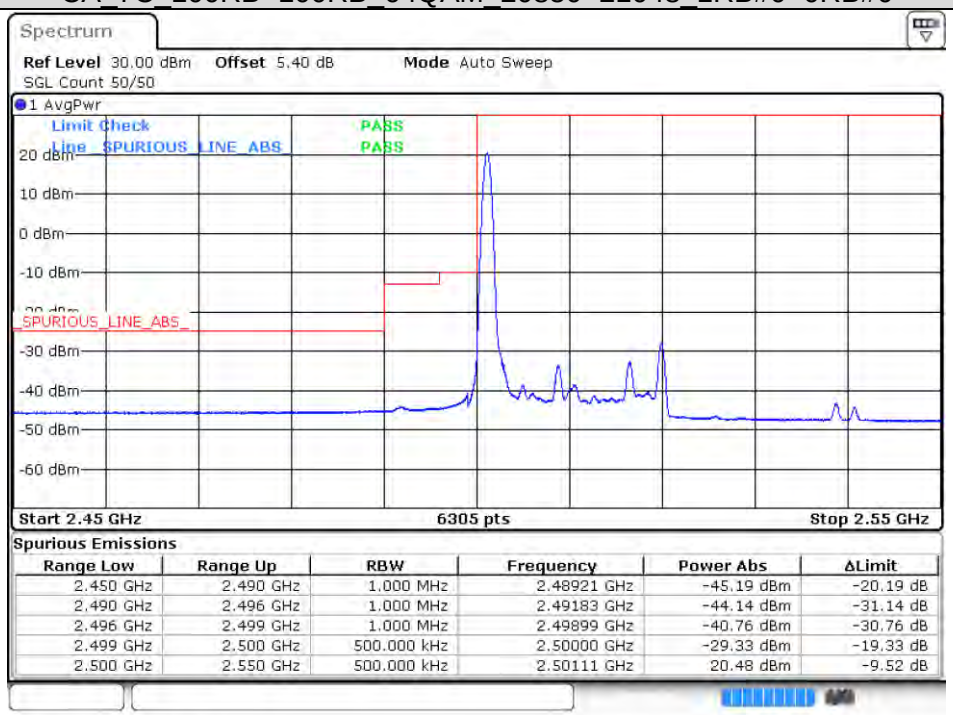


Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48921 GHz | -45.19 dBm | -20.19 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49183 GHz | -44.14 dBm | -31.14 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49899 GHz | -40.76 dBm | -30.76 dB |
| 2.499 GHz | 2.500 GHz | 500.000 kHz | 2.50000 GHz | -29.33 dBm | -19.33 dB |
| 2.500 GHz | 2.550 GHz | 500.000 kHz | 2.50111 GHz | 20.48 dBm | -9.52 dB |

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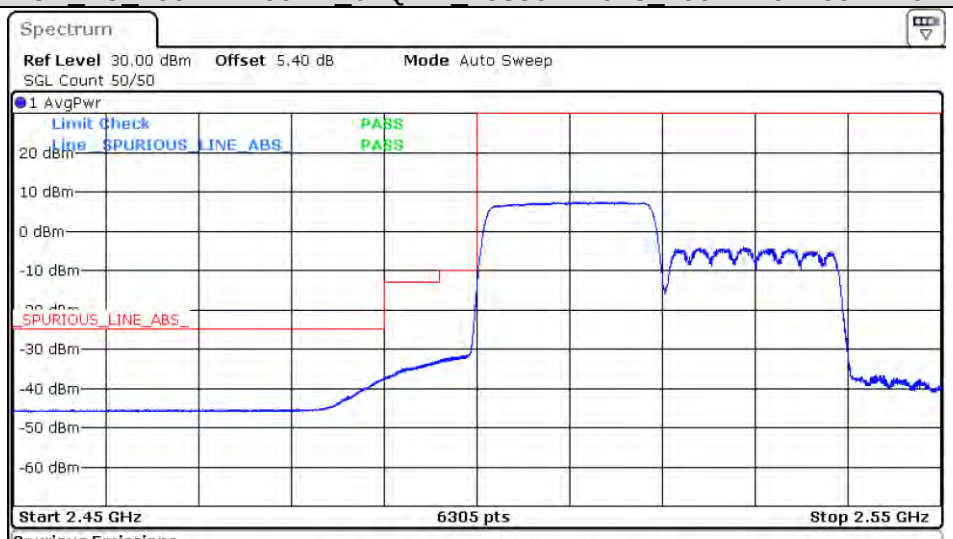


Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.450 GHz | 2.490 GHz | 1.000 MHz | 2.48999 GHz | -37.33 dBm | -12.33 dB |
| 2.490 GHz | 2.496 GHz | 1.000 MHz | 2.49590 GHz | -32.96 dBm | -19.96 dB |
| 2.496 GHz | 2.499 GHz | 1.000 MHz | 2.49880 GHz | -31.61 dBm | -21.61 dB |
| 2.499 GHz | 2.500 GHz | 1.000 MHz | 2.50000 GHz | -13.78 dBm | -3.78 dB |
| 2.500 GHz | 2.550 GHz | 1.000 MHz | 2.51358 GHz | 7.34 dBm | -22.66 dB |

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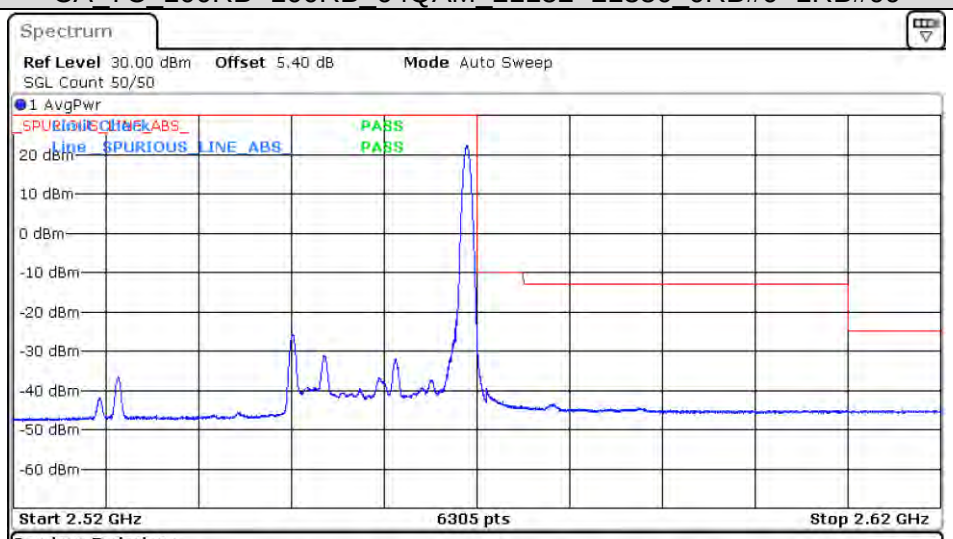


Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 500.000 kHz | 2.56891 GHz | 22.22 dBm | -7.78 dB |
| 2.570 GHz | 2.571 GHz | 500.000 kHz | 2.57000 GHz | -27.71 dBm | -17.71 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57100 GHz | -39.67 dBm | -29.67 dB |
| 2.575 GHz | 2.610 GHz | 1.000 MHz | 2.57817 GHz | -43.57 dBm | -30.57 dB |
| 2.610 GHz | 2.620 GHz | 1.000 MHz | 2.61941 GHz | -45.24 dBm | -20.24 dB |

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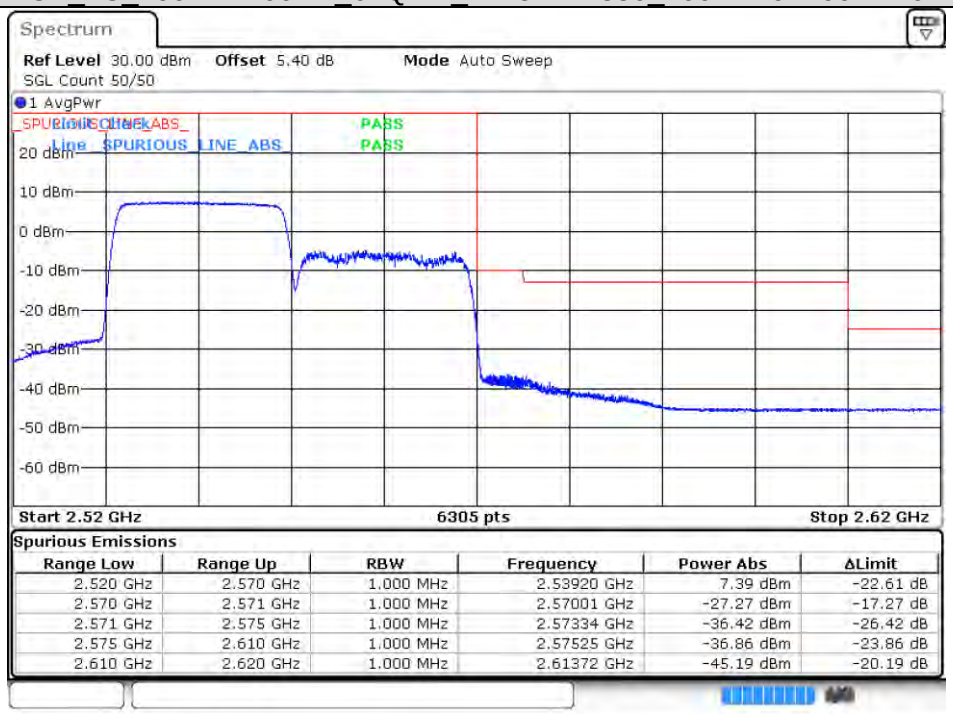


Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.520 GHz | 2.570 GHz | 1.000 MHz | 2.53920 GHz | 7.39 dBm | -22.61 dB |
| 2.570 GHz | 2.571 GHz | 1.000 MHz | 2.57001 GHz | -27.27 dBm | -17.27 dB |
| 2.571 GHz | 2.575 GHz | 1.000 MHz | 2.57334 GHz | -36.42 dBm | -26.42 dB |
| 2.575 GHz | 2.610 GHz | 1.000 MHz | 2.57525 GHz | -36.86 dBm | -23.86 dB |
| 2.610 GHz | 2.620 GHz | 1.000 MHz | 2.61372 GHz | -45.19 dBm | -20.19 dB |

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# 6 Spurious Emission at Antenna Terminal

NOTE: 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.

Part I - Test Plots

## 6.1 For LTE

### 6.1.1 Test Band = LTE Band CA_7C

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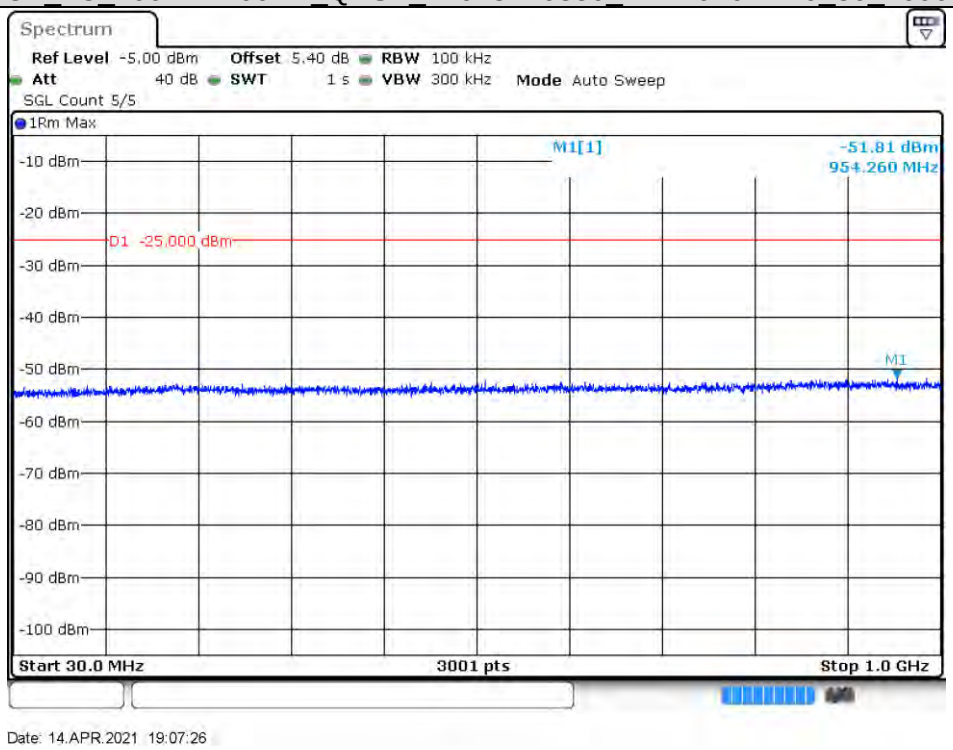


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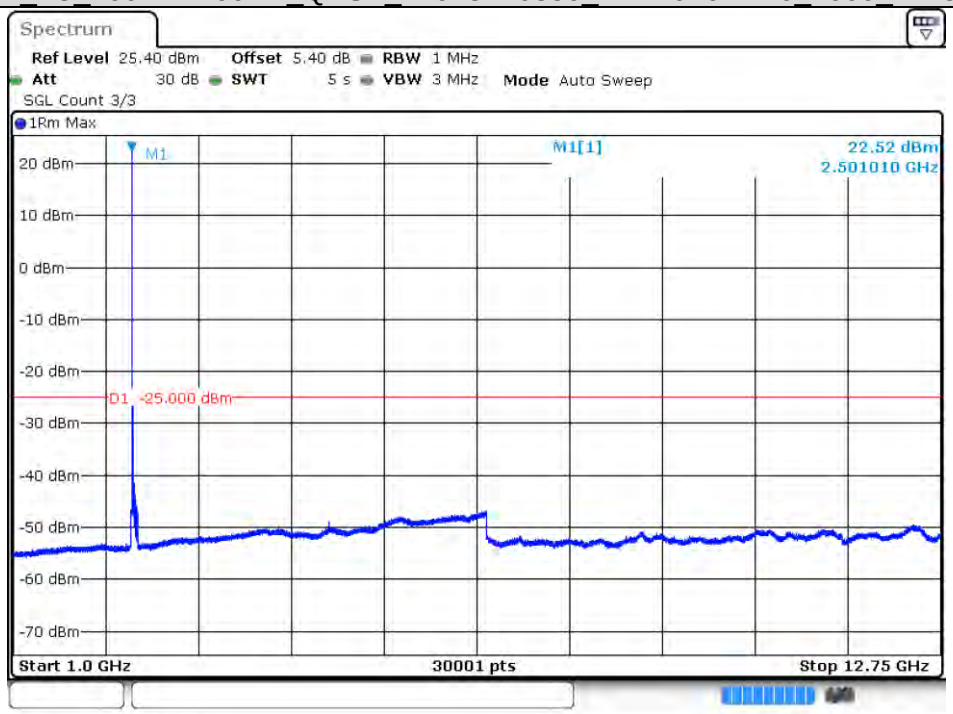


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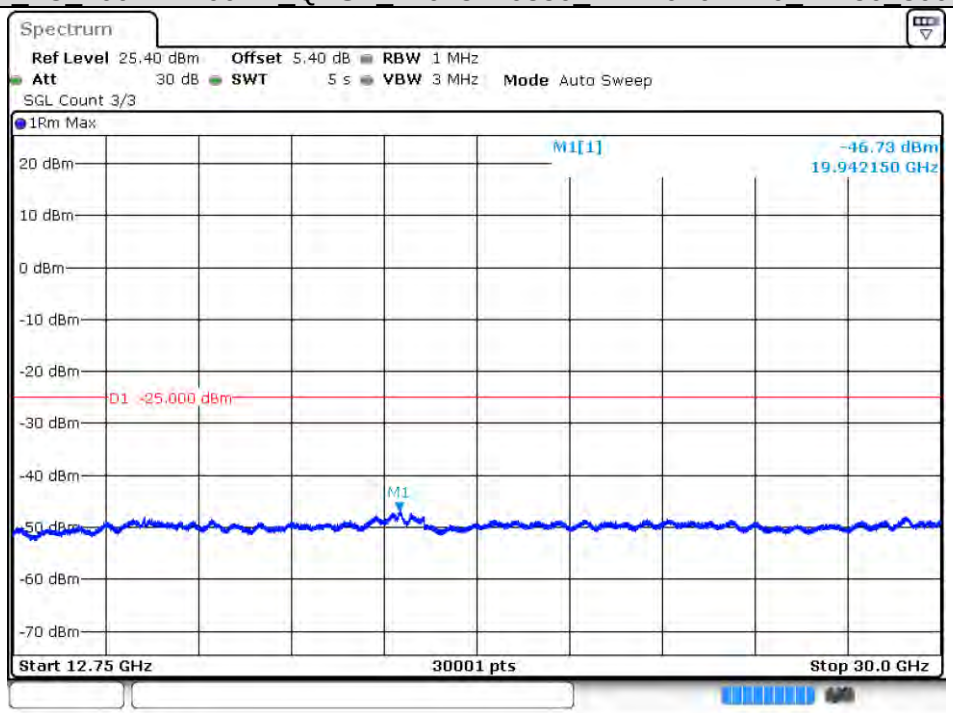


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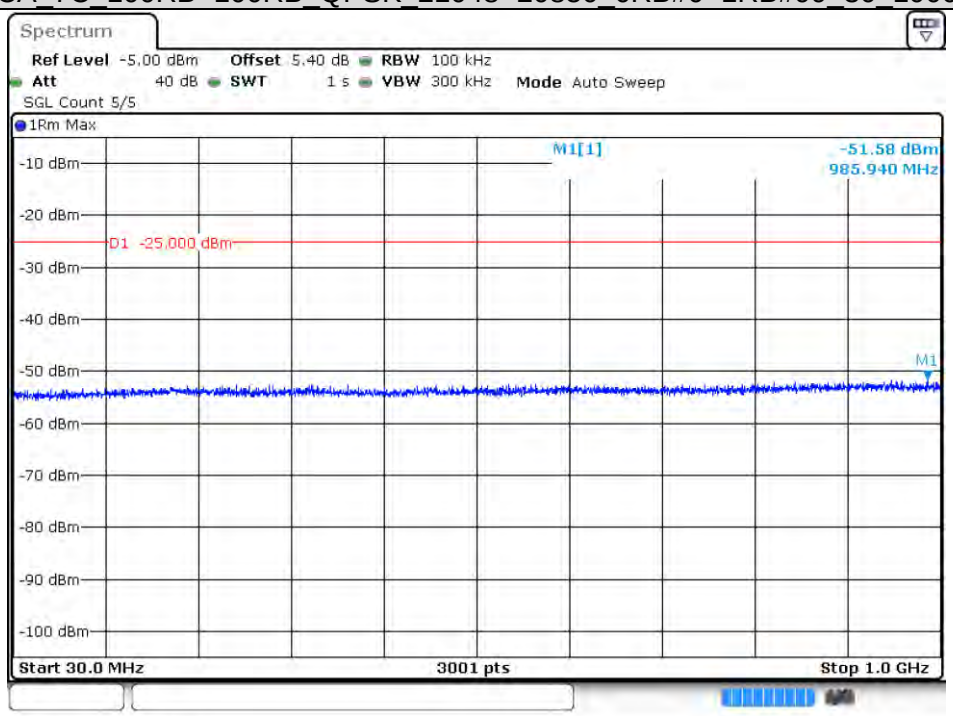


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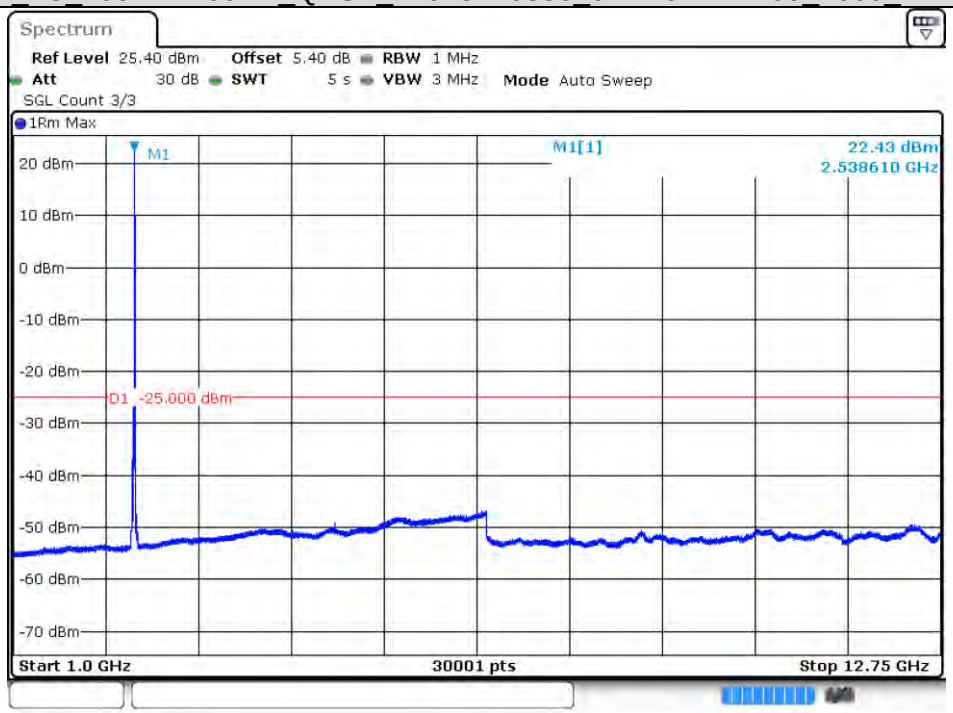


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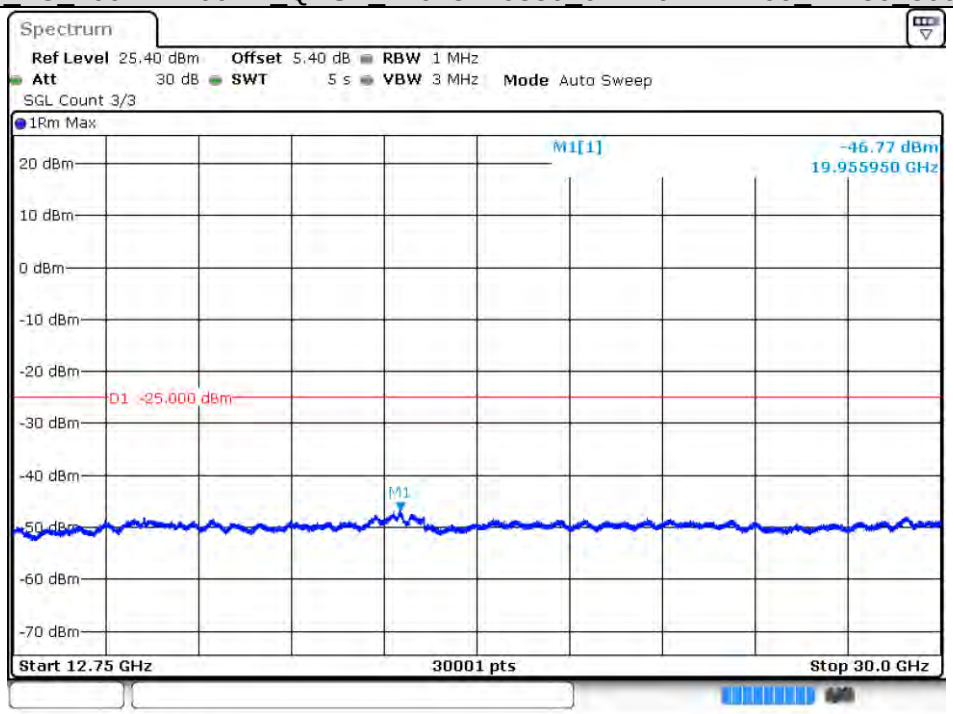


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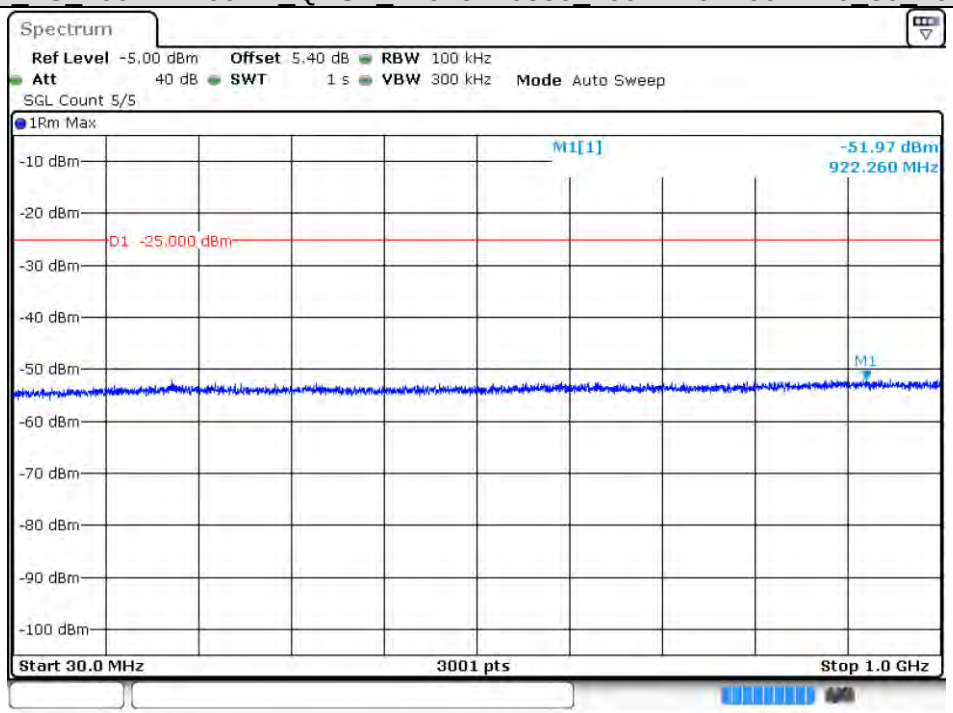


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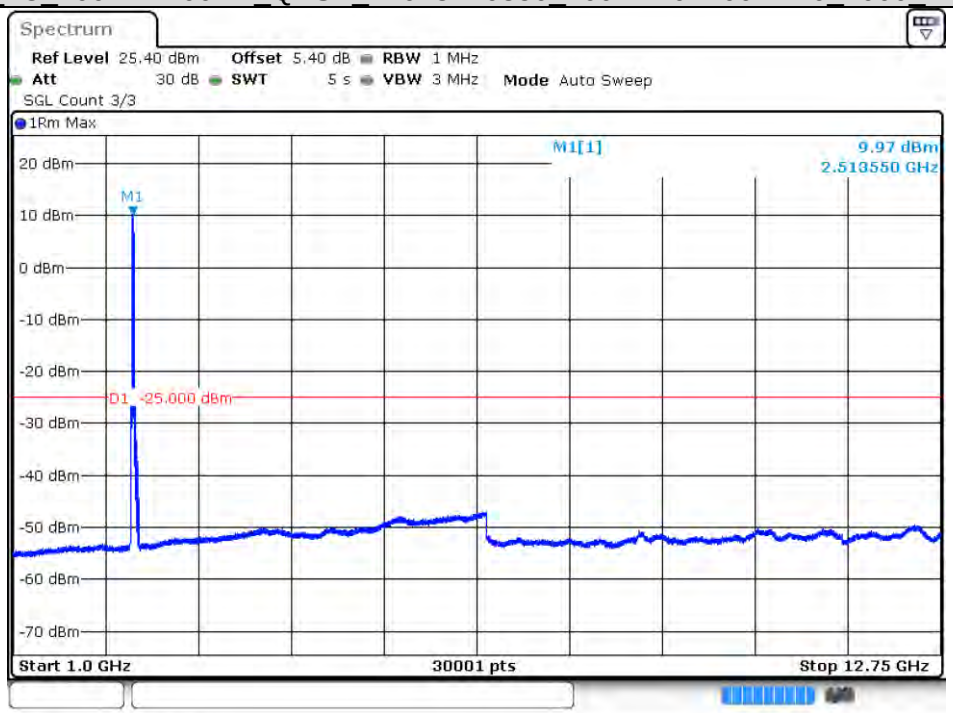


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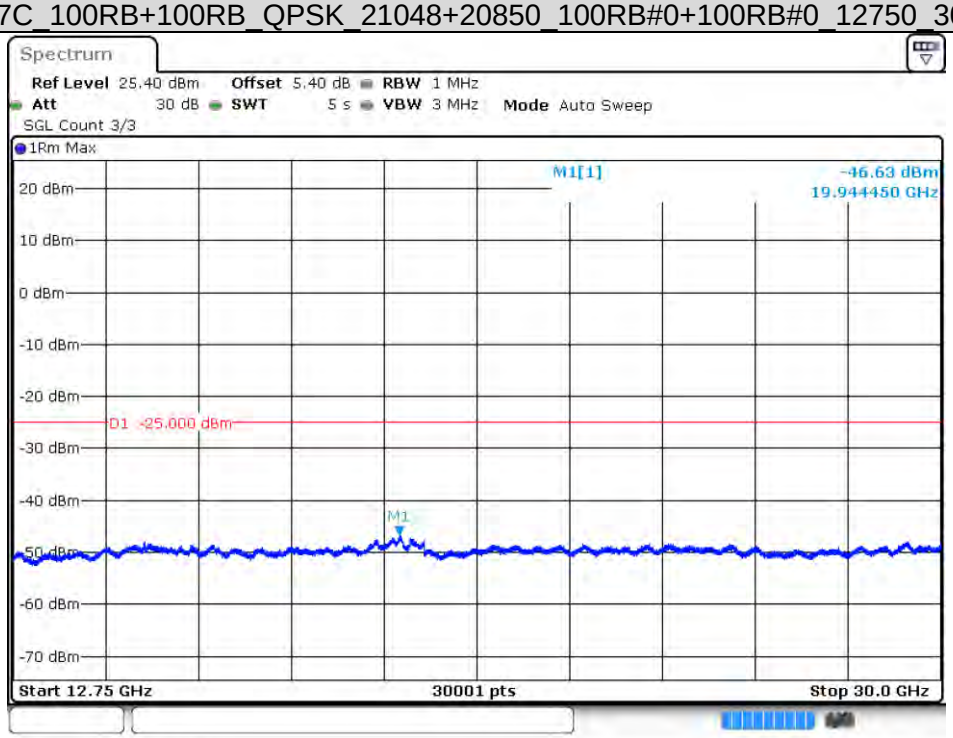


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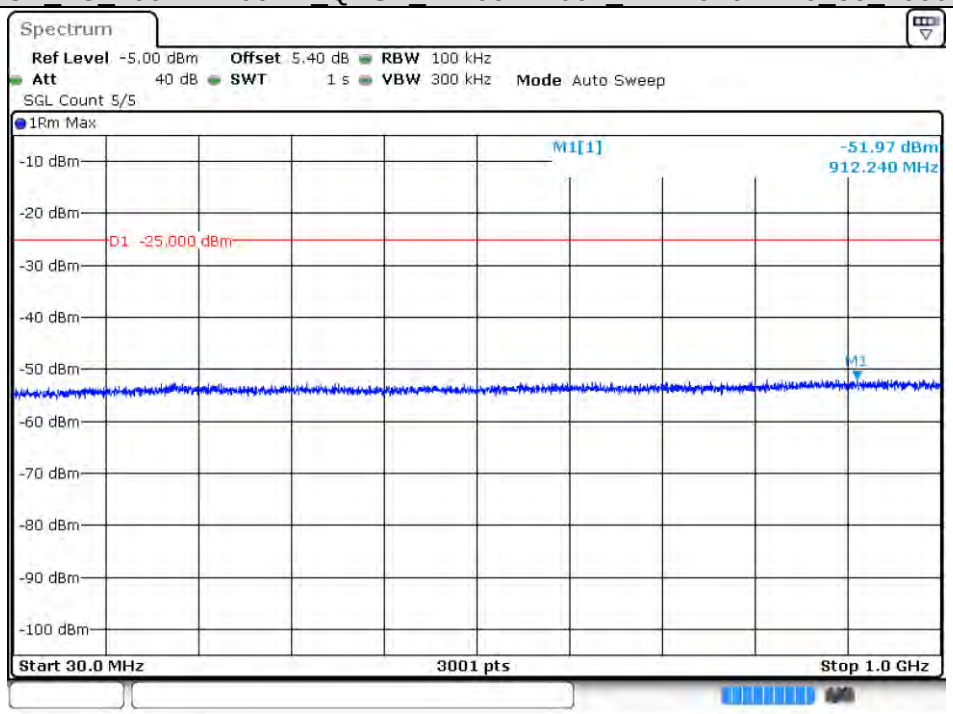


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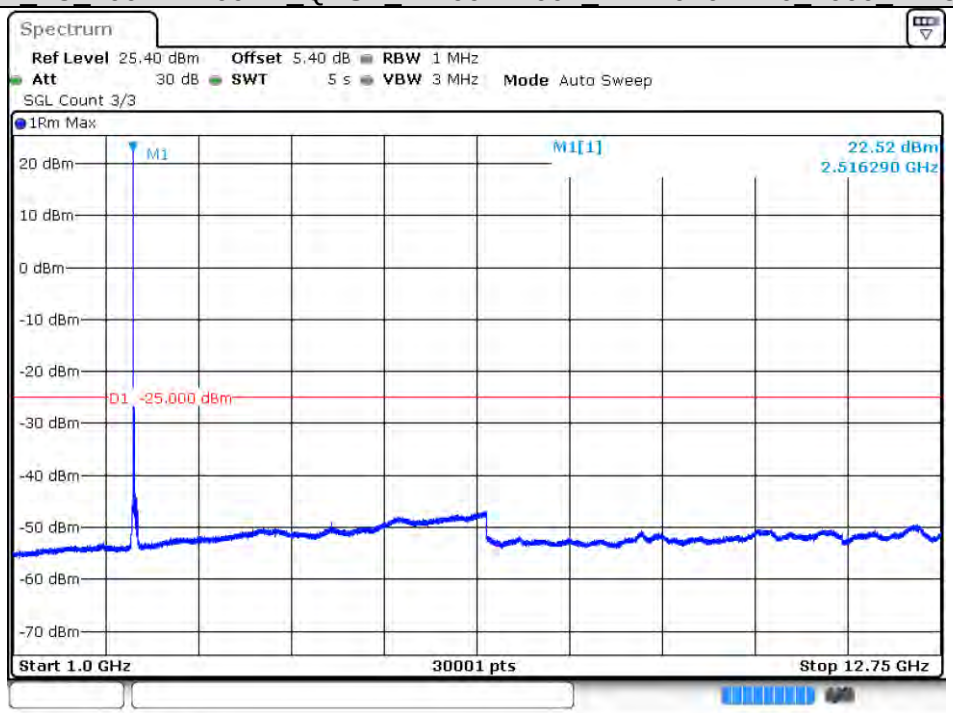


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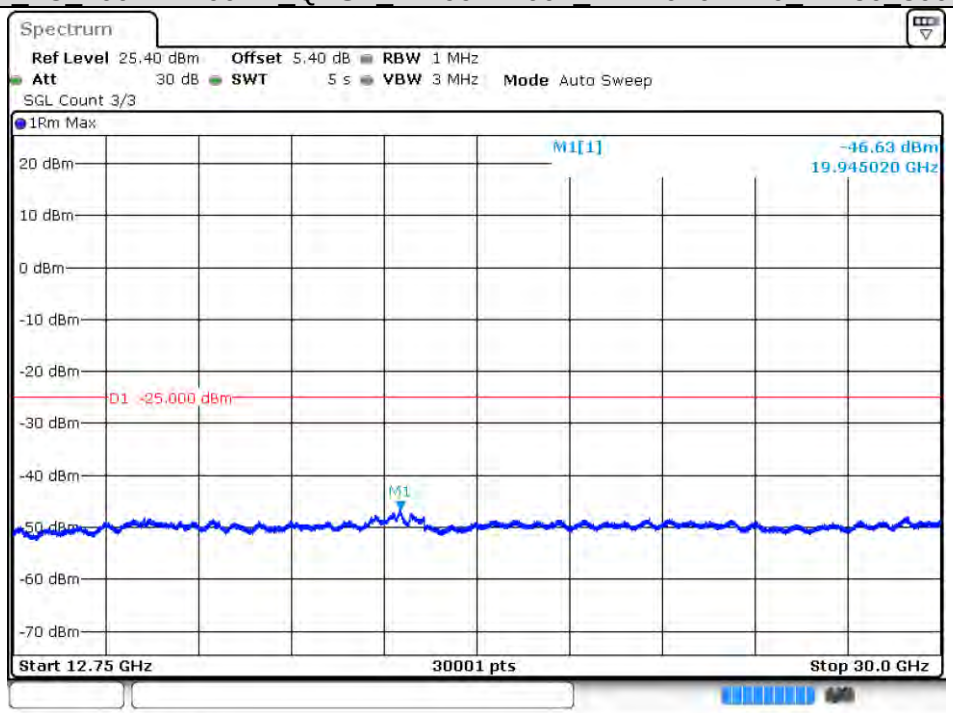


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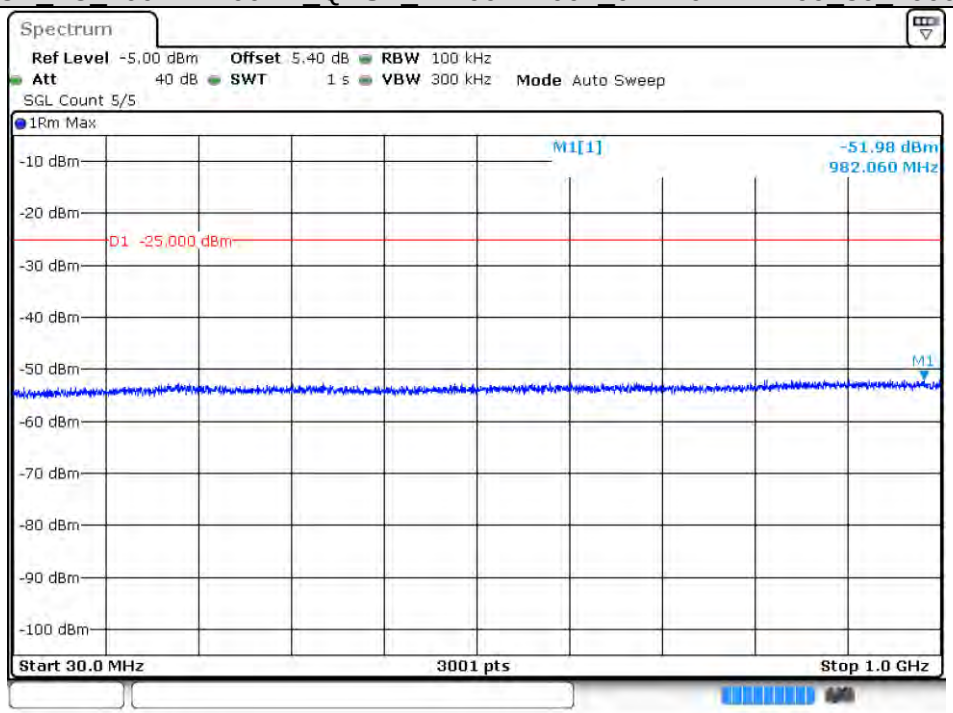


Date: 14.APR.2021 19:08:31

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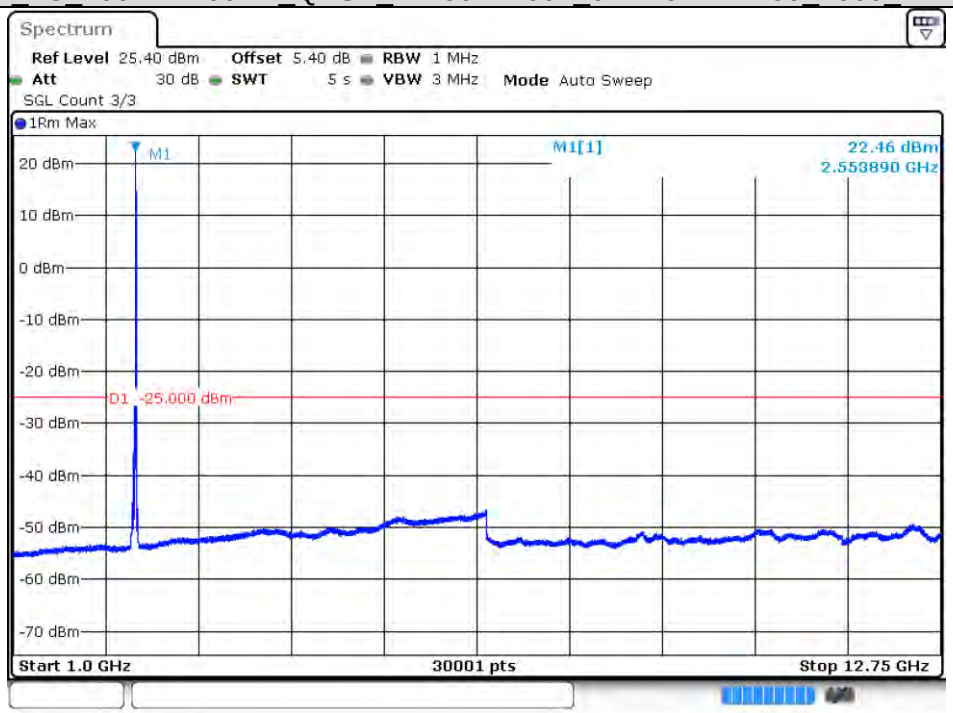


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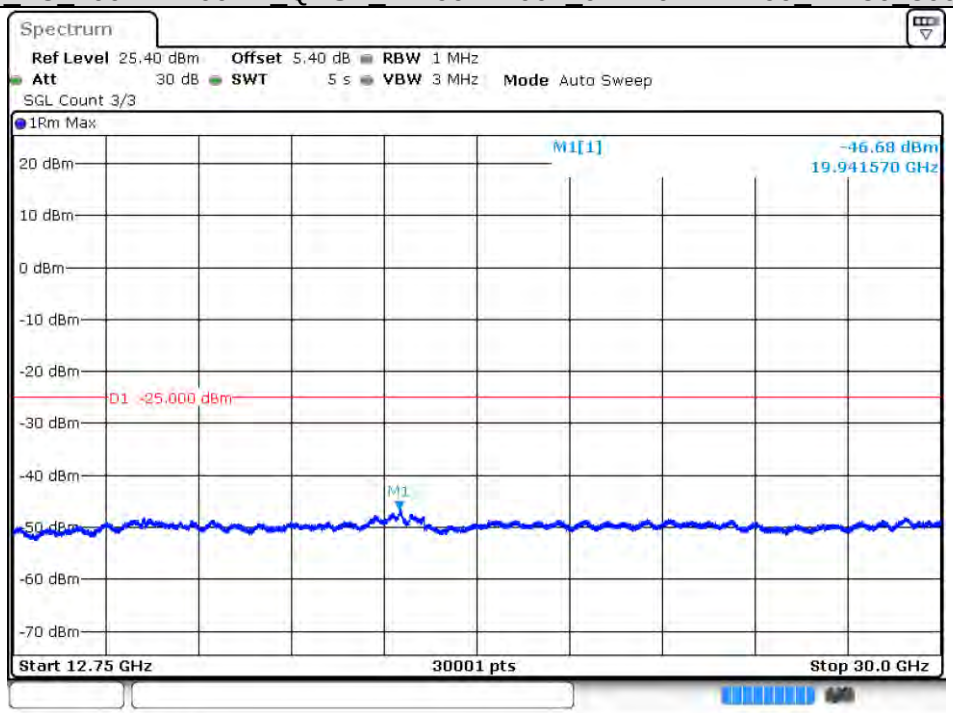


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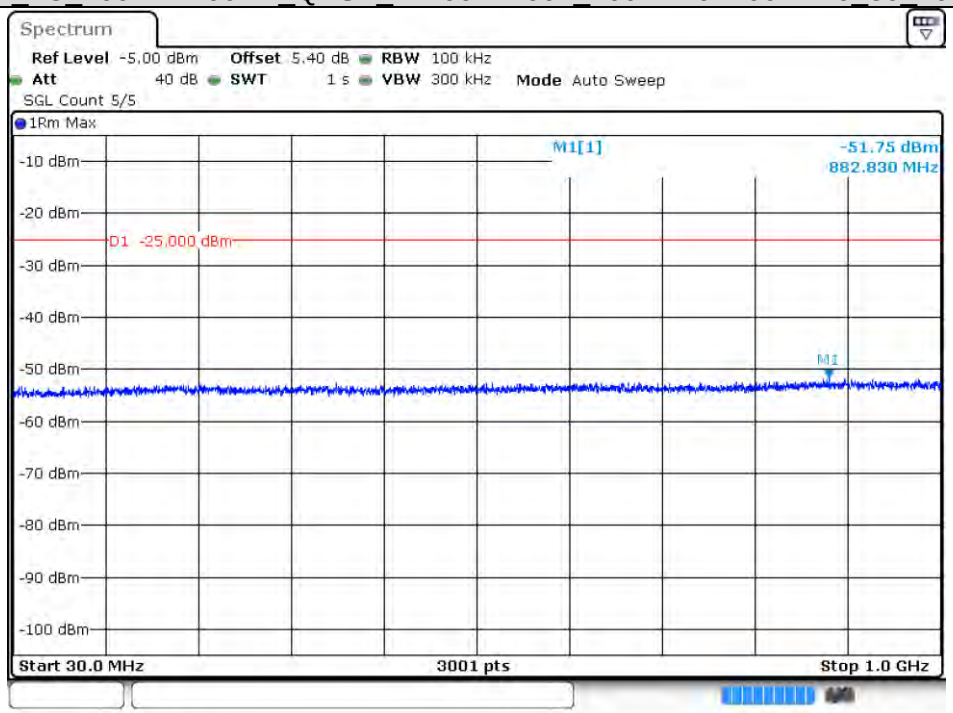


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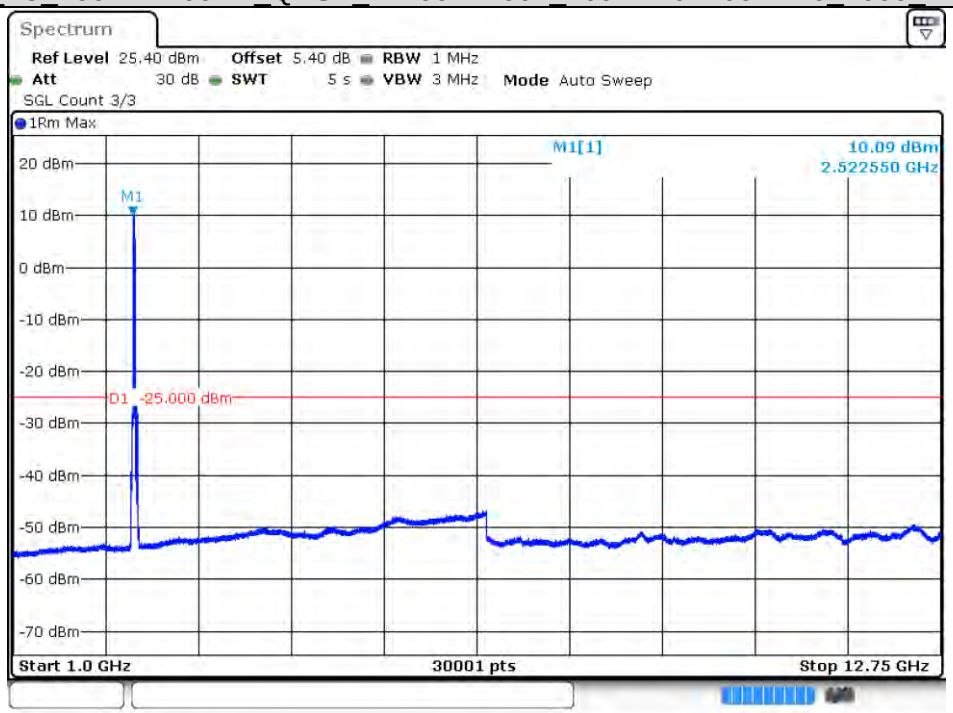


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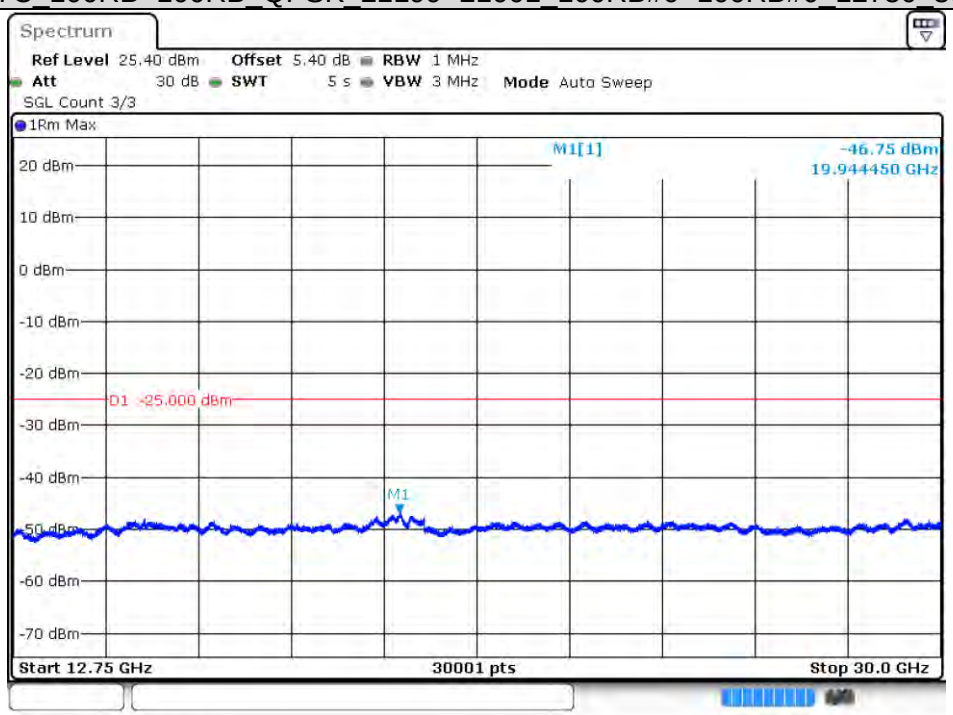


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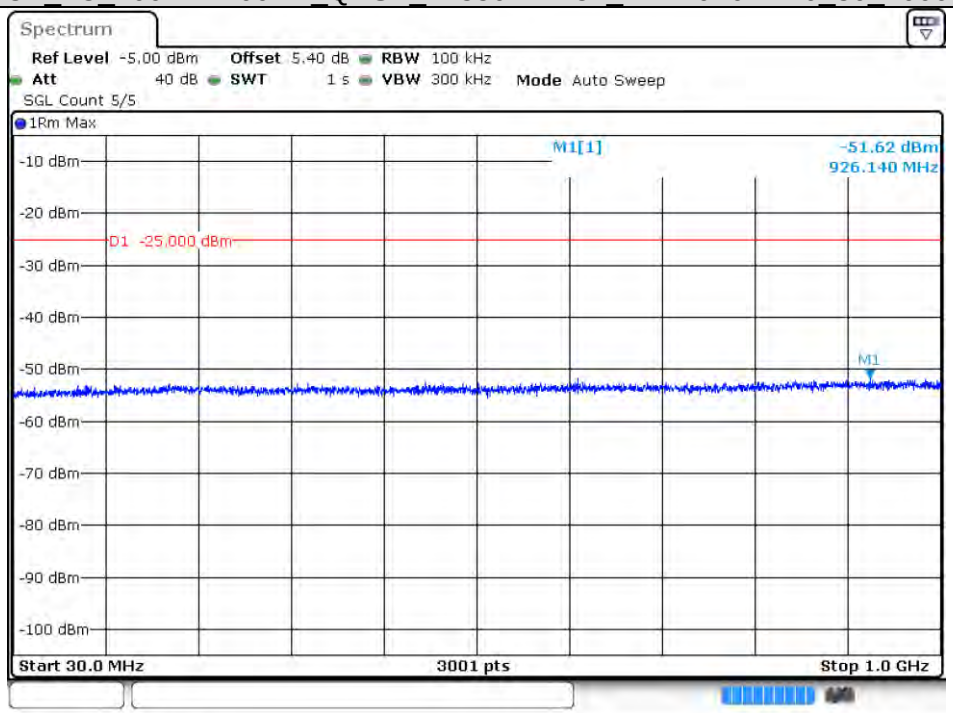


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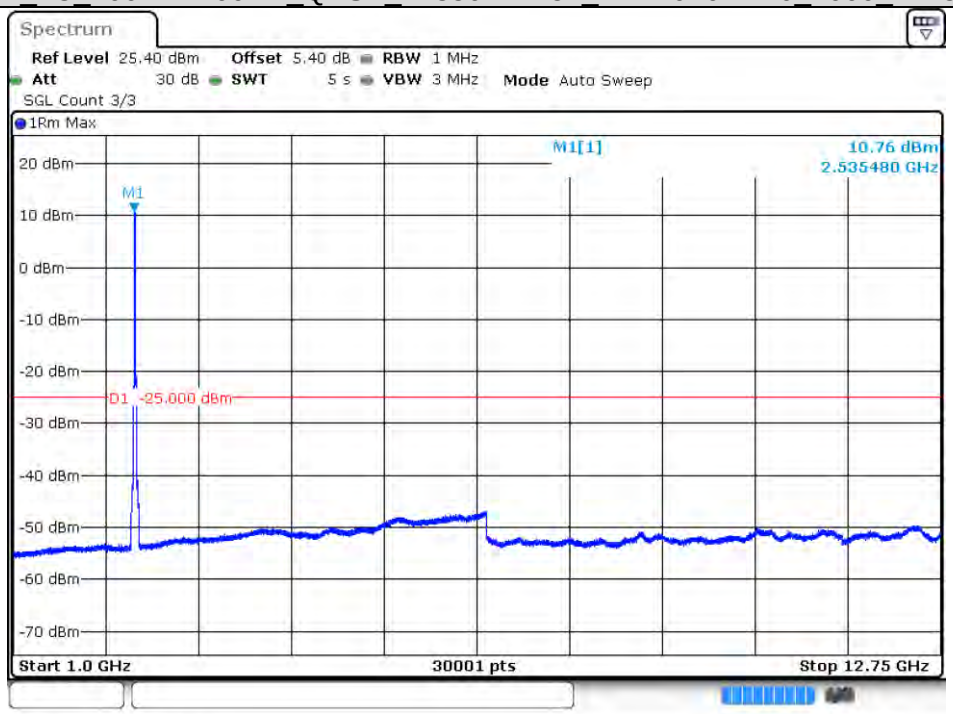


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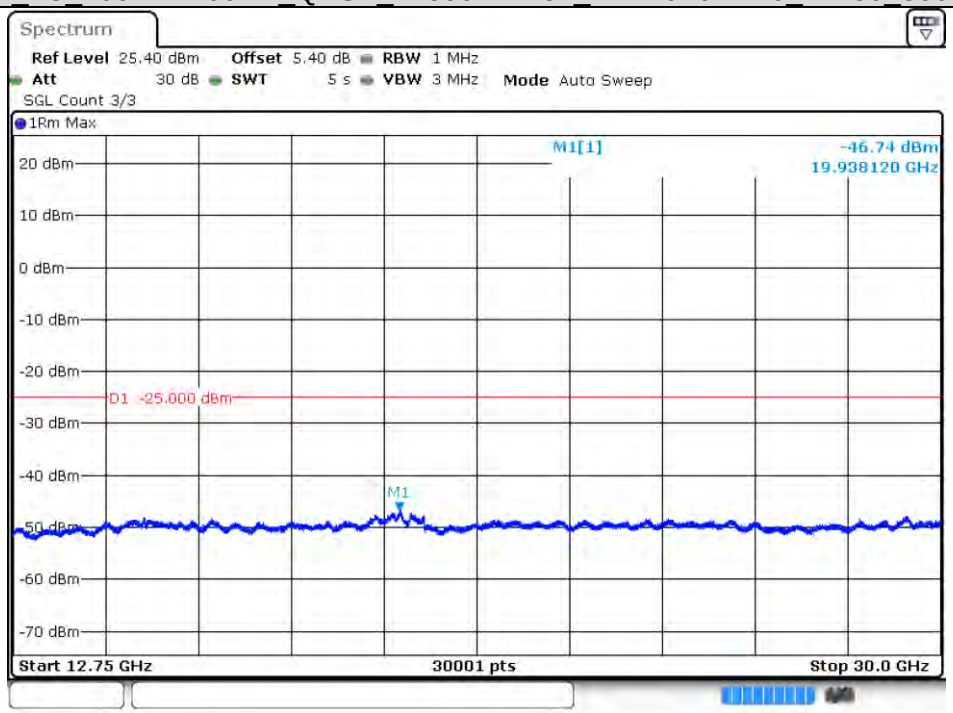


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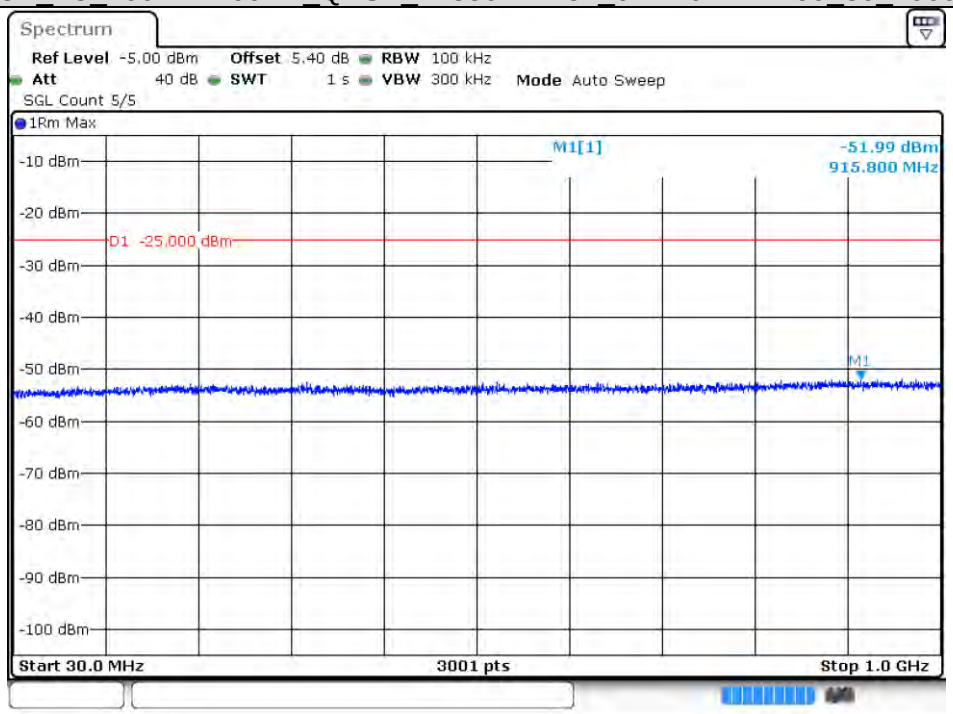


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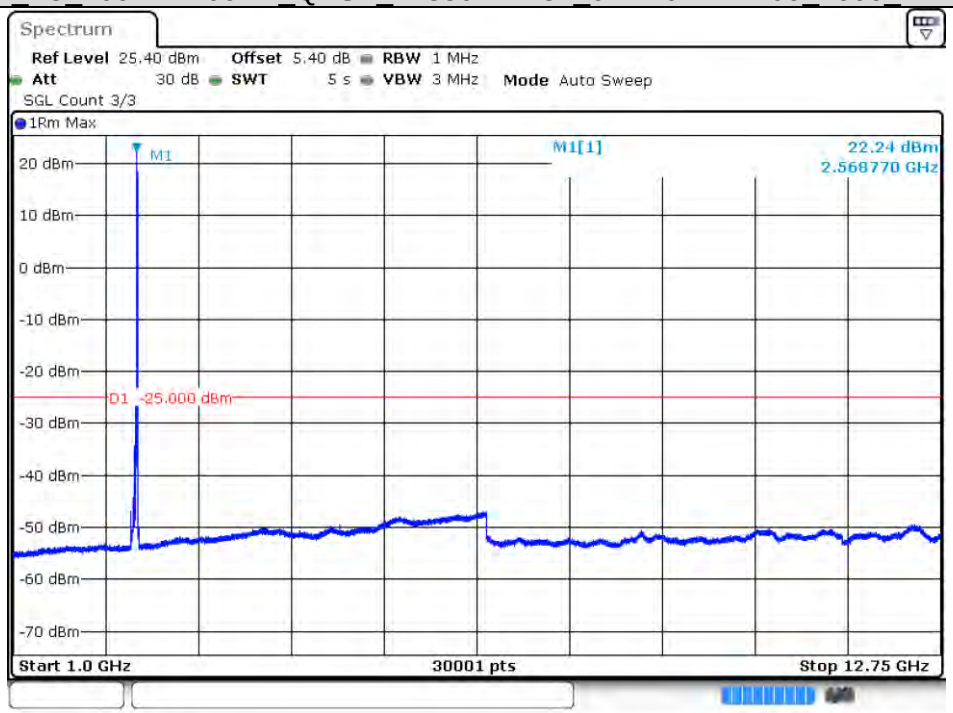


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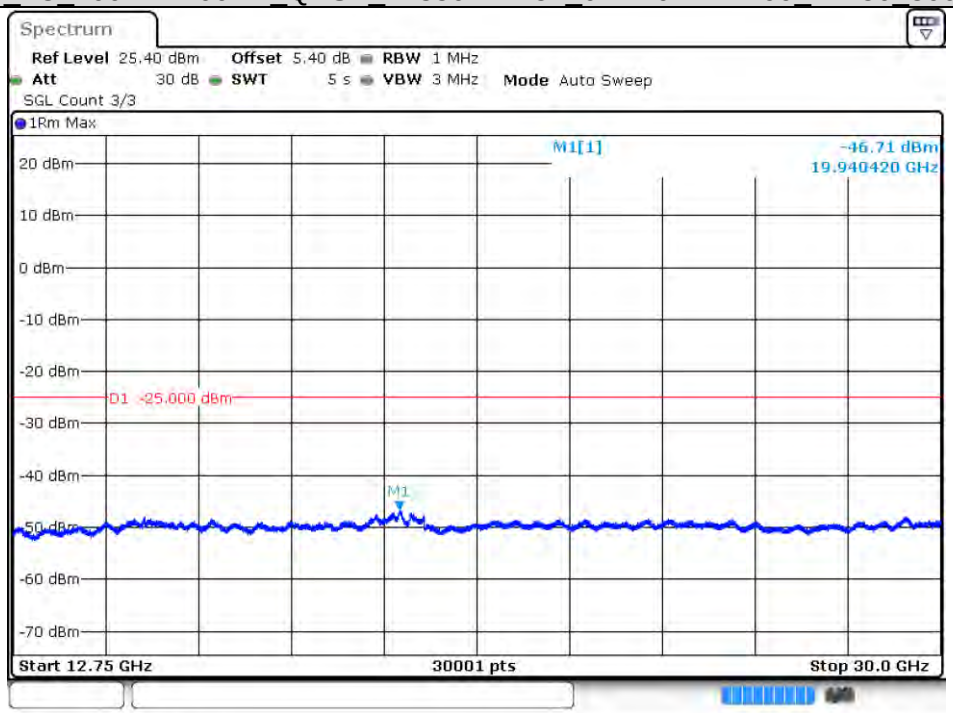


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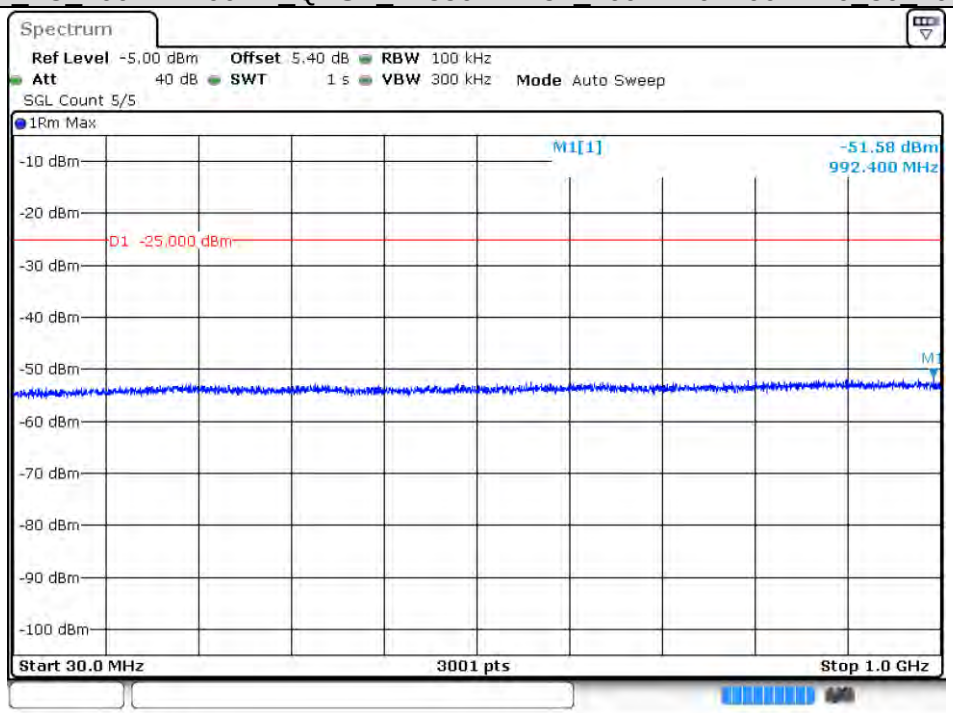


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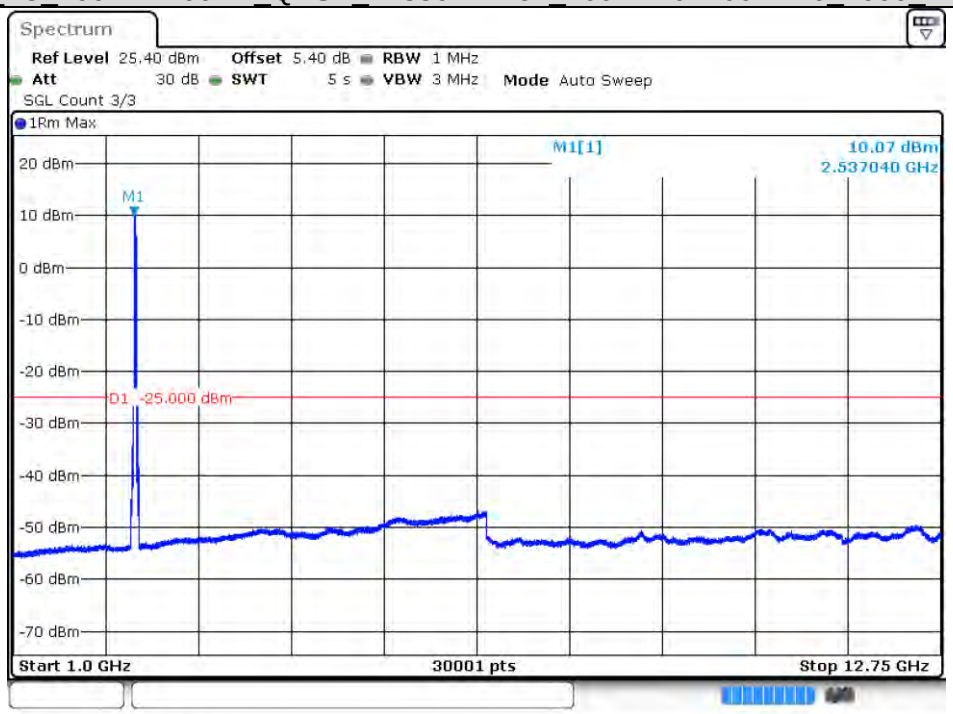


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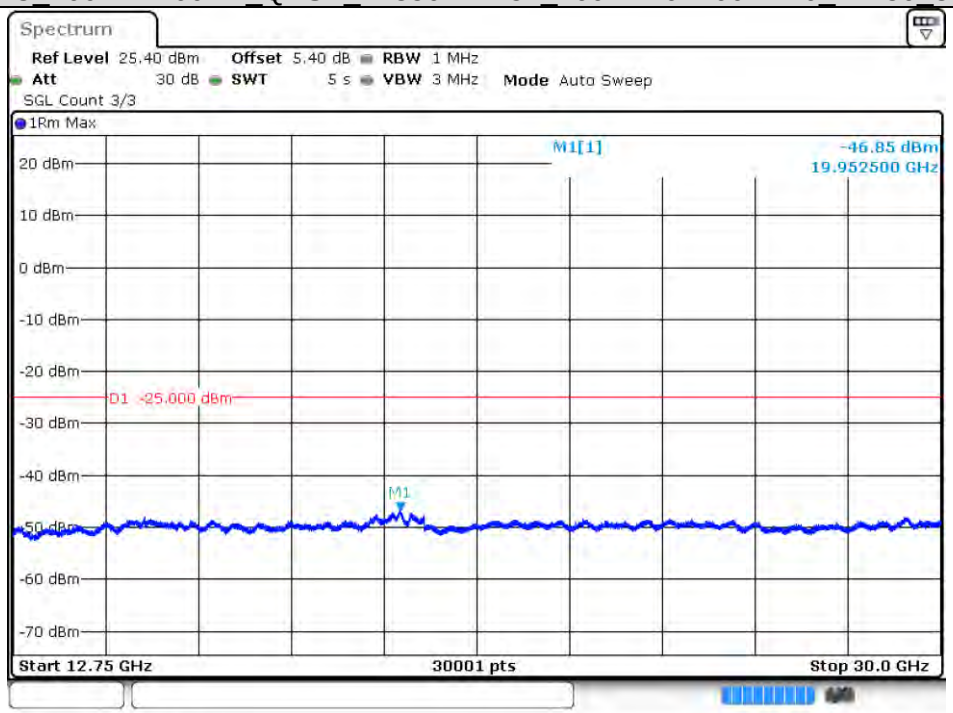


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# 7 Field Strength of Spurious Radiation

## 7.1. Test Band = LTE_Band=7 BW=20MHz _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 | 45.0358 | -72.66 | -65.66 | -25.00 | 40.66 | Horizontal |
| 2 | 234.9712 | -73.48 | -70.67 | -25.00 | 45.67 | Horizontal |
| 3 | 1148.0296 | -71.01 | -51.28 | -25.00 | 26.28 | Horizontal |
| 4 | 2663.5327 | -70.10 | -38.21 | -25.00 | 13.21 | Horizontal |
| 5 | 7451.5781 | -59.42 | -59.45 | -25.00 | 34.45 | Horizontal |
| 6 | 16393.135 | -61.29 | -46.96 | -25.00 | 21.96 | Horizontal |

## 7.2. Test Band = LTE_Band=7 BW=20MHz _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 | 65.7948 | -71.00 | -69.59 | -25.00 | 44.59 | Vertical |
| 2 | 109.9805 | -72.03 | -65.62 | -25.00 | 40.62 | Vertical |
| 3 | 1142.8286 | -69.87 | -49.97 | -25.00 | 24.97 | Vertical |
| 4 | 2715.1430 | -70.36 | -38.91 | -25.00 | 13.91 | Vertical |
| 5 | 8018.6007 | -59.86 | -58.26 | -25.00 | 33.26 | Vertical |
| 6 | 17992.199 | -60.21 | -42.53 | -25.00 | 17.53 | Vertical |

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## 7.3. Test Band = LTE_Band=7 BW=20MHz _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 | 45.4723 | -74.63 | -67.88 | -25.00 | 42.88 | Horizontal |
| 2 | 230.3635 | -74.71 | -71.88 | -25.00 | 46.88 | Horizontal |
| 3 | 1213.6427 | -72.72 | -52.29 | -25.00 | 27.29 | Horizontal |
| 4 | 2685.5371 | -71.47 | -38.95 | -25.00 | 13.95 | Horizontal |
| 5 | 3736.2294 | -57.92 | -66.38 | -25.00 | 41.38 | Horizontal |
| 6 | 16397.335 | -63.11 | -48.71 | -25.00 | 23.71 | Horizontal |

## 7.4. Test Band = LTE_Band=7 BW=20MHz _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 | 111.5811 | -72.16 | -65.89 | -25.00 | 40.89 | Vertical |
| 2 | 338.1844 | -72.36 | -69.96 | -25.00 | 44.96 | Vertical |
| 3 | 1404.4809 | -71.66 | -50.45 | -25.00 | 25.45 | Vertical |
| 4 | 2658.3317 | -70.11 | -39.24 | -25.00 | 14.24 | Vertical |
| 5 | 8974.4390 | -60.74 | -57.79 | -25.00 | 32.79 | Vertical |
| 6 | 17995.799 | -60.87 | -43.10 | -25.00 | 18.10 | Vertical |

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## 7.5. Test Band = LTE_Band=7 BW=20MHz _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 | 41.0586 | -73.05 | -66.23 | -25.00 | 41.23 | Horizontal |
| 2 | 230.7515 | -73.48 | -70.65 | -25.00 | 45.65 | Horizontal |
| 3 | 1236.4473 | -71.21 | -50.80 | -25.00 | 25.80 | Horizontal |
| 4 | 2977.1954 | -72.11 | -40.81 | -25.00 | 15.81 | Horizontal |
| 5 | 7494.7798 | -60.06 | -60.06 | -25.00 | 35.06 | Horizontal |
| 6 | 16383.535 | -61.43 | -47.28 | -25.00 | 22.28 | Horizontal |

## 7.6. Test Band = LTE_Band=7 BW=20MHz _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 | 73.2642 | -71.00 | -69.97 | -25.00 | 44.97 | Vertical |
| 2 | 109.3015 | -72.63 | -66.38 | -25.00 | 41.38 | Vertical |
| 3 | 1222.0444 | -70.62 | -50.16 | -25.00 | 25.16 | Vertical |
| 4 | 2979.5959 | -71.33 | -39.90 | -25.00 | 14.90 | Vertical |
| 5 | 7969.9988 | -60.31 | -58.94 | -25.00 | 33.94 | Vertical |
| 6 | 17950.198 | -61.27 | -44.64 | -25.00 | 19.64 | Vertical |

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## 7.7. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT31

### 7.7.1. Test Channel = Low Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 41.0586 | -73.05 | -66.23 | -25.00 | 41.23 | Horizontal |
| 2 | 230.7515 | -73.48 | -70.65 | -25.00 | 45.65 | Horizontal |
| 3 | 1102.8206 | -70.62 | -51.52 | -25.00 | 26.52 | Horizontal |
| 4 | 2977.1954 | -72.11 | -40.81 | -25.00 | 15.81 | Horizontal |
| 5 | 7494.7798 | -60.06 | -60.06 | -25.00 | 35.06 | Horizontal |
| 6 | 16383.535 | -61.43 | -47.28 | -25.00 | 22.28 | Horizontal |

## 7.8. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT31

### 7.8.1. Test Channel = Low Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 109.9805 | -73.03 | -66.62 | -25.00 | 41.62 | Vertical |
| 2 | 846.5868 | -74.43 | -63.73 | -25.00 | 38.73 | Vertical |
| 3 | 1142.8286 | -70.87 | -50.97 | -25.00 | 25.97 | Vertical |
| 4 | 2715.1430 | -71.36 | -39.91 | -25.00 | 14.91 | Vertical |
| 5 | 8528.0211 | -60.94 | -59.04 | -25.00 | 34.04 | Vertical |
| 6 | 17992.199 | -61.21 | -43.53 | -25.00 | 18.53 | Vertical |

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## 7.9. Test Band = LTE_Band=7 BW=20MHz _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 | 45.0358 | -71.86 | -64.86 | -25.00 | 39.86 | Horizontal |
| 2 | 234.9712 | -72.68 | -69.87 | -25.00 | 44.87 | Horizontal |
| 3 | 1197.2394 | -70.55 | -50.14 | -25.00 | 25.14 | Horizontal |
| 4 | 2663.5327 | -69.30 | -37.41 | -25.00 | 12.41 | Horizontal |
| 5 | 11274.331 | -60.96 | -54.55 | -25.00 | 29.55 | Horizontal |
| 6 | 16393.135 | -60.49 | -46.16 | -25.00 | 21.16 | Horizontal |

## 7.10. Test Band = LTE_Band=7 BW=20MHz _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 | 54.1057 | -72.05 | -73.50 | -25.00 | 48.50 | Vertical |
| 2 | 111.5811 | -71.86 | -65.59 | -25.00 | 40.59 | Vertical |
| 3 | 370.0020 | -73.08 | -70.38 | -25.00 | 45.38 | Vertical |
| 4 | 4990.2796 | -58.72 | -66.01 | -25.00 | 41.01 | Vertical |
| 5 | 9901.4761 | -61.96 | -55.60 | -25.00 | 30.60 | Vertical |
| 6 | 14576.863 | -62.72 | -50.92 | -25.00 | 25.92 | Vertical |

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## 7.11. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT31

### 7.11.1. Test Channel = High Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 45.4723 | -72.03 | -65.28 | -25.00 | 40.28 | Horizontal |
| 2 | 230.3635 | -72.11 | -69.28 | -25.00 | 44.28 | Horizontal |
| 3 | 696.2778 | -72.32 | -64.03 | -25.00 | 39.03 | Horizontal |
| 4 | 4860.6744 | -56.74 | -65.02 | -25.00 | 40.02 | Horizontal |
| 5 | 9330.8532 | -61.11 | -55.46 | -25.00 | 30.46 | Horizontal |
| 6 | 16397.335 | -60.51 | -46.11 | -25.00 | 21.11 | Horizontal |

## 7.12. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT31

### 7.12.1. Test Channel = High Channel

| Suspected Data List | | | | | | |
|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 48.0429 | -71.50 | -73.12 | -25.00 | 48.12 | Vertical |
| 2 | 109.3015 | -72.53 | -66.28 | -25.00 | 41.28 | Vertical |
| 3 | 552.1771 | -72.98 | -67.70 | -25.00 | 42.70 | Vertical |
| 4 | 4510.2604 | -57.13 | -65.74 | -25.00 | 40.74 | Vertical |
| 5 | 9321.2529 | -61.77 | -55.87 | -25.00 | 30.87 | Vertical |
| 6 | 14459.858 | -62.89 | -50.71 | -25.00 | 25.71 | 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 and above 12.75GHz 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.

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# 8 Frequency Stability

## 8.1 Frequency Error VS. Voltage

| Test Band | Test Mode | Test Channel | RB Config | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | TN | NV | 10.20 | 0.004071 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | TN | NV | -3.40 | -0.001345 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | TN | NV | 1.81 | 0.000712 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | TN | NV | 0.66 | 0.000263 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | TN | NV | -13.38 | -0.005259 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | TN | NV | 0.19 | 0.000074 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | TN | NV | 8.76 | 0.003496 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | TN | NV | 1.13 | 0.000448 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | TN | NV | 9.51 | 0.003745 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | TN | NV | -4.37 | -0.001725 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | TN | NV | -3.86 | -0.001515 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | TN | NV | -14.82 | -0.005789 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | TN | NV | 9.89 | 0.003948 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | TN | NV | -5.14 | -0.002035 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | TN | NV | -8.05 | -0.003169 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | TN | NV | 2.33 | 0.000922 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | TN | NV | 4.57 | 0.001794 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | TN | NV | -10.69 | -0.004175 | PASS |

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## 8.2 Frequency Error VS. Temperature

| Test Band | Test Mode | Test Channel | RB Config | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | -30 | -4.62 | -0.001844 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | -20 | -10.93 | -0.004362 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | -10 | 10.66 | 0.004255 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | 0 | 11.09 | 0.004426 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | 10 | 13.97 | 0.005577 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | 20 | -9.60 | -0.003831 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | 30 | 5.34 | 0.002132 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | 40 | 7.76 | 0.003096 | PASS |
| CA_7C | QPSK | 20850-21048 | 100RB#0/100RB#0 | NV | 50 | 9.14 | 0.003649 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | -30 | 12.17 | 0.004818 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | -20 | -14.94 | -0.005916 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | -10 | -2.50 | -0.000988 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | 0 | 3.67 | 0.001454 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | 10 | -6.21 | -0.002460 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | 20 | -7.45 | -0.002949 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | 30 | -11.47 | -0.004544 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | 40 | 1.29 | 0.000511 | PASS |
| CA_7C | QPSK | 21001-21199 | 100RB#0/100RB#0 | NV | 50 | -13.71 | -0.005429 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | -30 | -14.84 | -0.005843 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | -20 | 0.46 | 0.000183 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | -10 | 3.40 | 0.001339 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 0 | -7.72 | -0.003038 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 10 | 3.36 | 0.001321 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 20 | -2.78 | -0.001095 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 30 | 10.73 | 0.004224 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 40 | 10.70 | 0.004213 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 50 | -10.82 | -0.004259 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | -30 | 0.27 | 0.000106 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | -20 | -10.52 | -0.004158 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | -10 | -14.66 | -0.005794 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 0 | 4.64 | 0.001833 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 10 | 4.07 | 0.001608 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 20 | -4.46 | -0.001763 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 30 | -2.15 | -0.000851 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 40 | -2.97 | -0.001174 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 50 | 8.52 | 0.003367 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | -30 | -14.74 | -0.005793 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | -20 | -3.24 | -0.001273 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | -10 | -11.21 | -0.004404 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 0 | 14.10 | 0.005542 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 10 | -3.10 | -0.001217 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 20 | -12.97 | -0.005097 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 30 | -3.76 | -0.001479 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 40 | -2.09 | -0.000822 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 50 | -3.88 | -0.001524 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | -30 | 6.16 | 0.002406 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | -20 | -9.07 | -0.003542 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | -10 | 10.65 | 0.004162 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 0 | -9.78 | -0.003819 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 10 | -6.02 | -0.002352 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 20 | -10.63 | -0.004153 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 30 | 14.88 | 0.005811 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 40 | 4.89 | 0.001911 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 50 | -8.84 | -0.003452 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -30 | 11.62 | 0.004636 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -20 | 10.09 | 0.004028 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -10 | 10.83 | 0.004322 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 0 | -9.70 | -0.003870 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 10 | -11.26 | -0.004492 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 20 | -10.63 | -0.004241 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 30 | -5.49 | -0.002190 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 40 | 14.66 | 0.005851 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 50 | 1.87 | 0.000745 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -30 | -2.78 | -0.001103 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -20 | -8.62 | -0.003414 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -10 | 6.96 | 0.002756 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 0 | -11.89 | -0.004708 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 10 | 5.96 | 0.002360 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 20 | -14.05 | -0.005565 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 30 | 7.14 | 0.002829 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 40 | -10.77 | -0.004265 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 50 | -6.50 | -0.002574 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -30 | -12.07 | -0.004752 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -20 | -11.71 | -0.004609 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -10 | -6.42 | -0.002529 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 0 | 5.09 | 0.002003 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 10 | 10.98 | 0.004323 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 20 | 14.20 | 0.005592 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 30 | 14.80 | 0.005825 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 40 | 14.60 | 0.005747 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 50 | 1.44 | 0.000568 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -30 | 1.12 | 0.000441 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -20 | -2.01 | -0.000795 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -10 | 9.70 | 0.003832 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 0 | 1.85 | 0.000730 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 10 | -1.00 | -0.000394 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 20 | -9.87 | -0.003903 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 30 | -1.89 | -0.000745 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 40 | 0.51 | 0.000200 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 50 | 3.92 | 0.001550 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -30 | 7.33 | 0.002880 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -20 | -0.88 | -0.000346 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -10 | 7.19 | 0.002825 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 0 | -6.92 | -0.002717 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 10 | 11.36 | 0.004462 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 20 | 4.21 | 0.001653 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 30 | 13.47 | 0.005291 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 40 | -4.40 | -0.001727 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 50 | -9.91 | -0.003893 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -30 | 11.09 | 0.004332 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -20 | -4.74 | -0.001851 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -10 | -6.01 | -0.002348 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 0 | 3.16 | 0.001236 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 10 | 3.96 | 0.001546 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 20 | 6.19 | 0.002419 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 30 | -2.28 | -0.000891 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 40 | 1.46 | 0.000570 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 50 | -6.50 | -0.002539 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -30 | 12.00 | 0.004790 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -20 | 3.02 | 0.001205 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -10 | -3.64 | -0.001452 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 0 | -13.88 | -0.005538 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 10 | 2.62 | 0.001046 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 20 | -3.96 | -0.001579 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 30 | -0.73 | -0.000291 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 40 | -2.38 | -0.000948 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 50 | -4.04 | -0.001614 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -30 | -2.32 | -0.000917 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -20 | 5.02 | 0.001989 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -10 | 0.60 | 0.000238 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 0 | 13.98 | 0.005537 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 10 | -2.63 | -0.001043 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 20 | 0.44 | 0.000175 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 30 | -6.04 | -0.002391 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 40 | -13.86 | -0.005487 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 50 | 1.43 | 0.000566 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -30 | 9.46 | 0.003725 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -20 | -8.27 | -0.003256 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -10 | -0.17 | -0.000068 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 0 | 11.81 | 0.004649 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 10 | 9.96 | 0.003921 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 20 | -8.66 | -0.003409 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 30 | -3.30 | -0.001298 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 40 | 8.33 | 0.003278 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 50 | -4.23 | -0.001663 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -30 | 10.87 | 0.004296 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -20 | 5.01 | 0.001982 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -10 | 3.23 | 0.001278 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 0 | -2.63 | -0.001041 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 10 | -11.86 | -0.004686 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 20 | 8.79 | 0.003474 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 30 | -11.85 | -0.004685 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 40 | -0.82 | -0.000325 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 50 | 5.21 | 0.002061 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -30 | 7.38 | 0.002899 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -20 | 0.75 | 0.000297 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -10 | 7.87 | 0.003093 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 0 | 12.32 | 0.004840 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 10 | -14.33 | -0.005632 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 20 | -1.09 | -0.000426 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 30 | 3.48 | 0.001369 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 40 | 9.64 | 0.003790 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 50 | 0.52 | 0.000204 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -30 | 12.71 | 0.004965 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -20 | 11.30 | 0.004416 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -10 | -3.55 | -0.001387 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 0 | 2.93 | 0.001144 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 10 | -7.74 | -0.003025 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 20 | -4.31 | -0.001684 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 30 | -8.89 | -0.003471 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 40 | -3.64 | -0.001423 | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 50 | 5.28 | 0.002064 | PASS |

The End

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