



# Appendix B

## E-UTRA Band CA\_38C



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# 1 Effective (Isotropic) Radiated Power Output Data

## 1.1 Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE Band CA\_38C ( Down Antenna )

| BAND   | Test Mode PCC/SCC | Channel PCC/SCC | RB Configuration |       | Modulation PCC&SCC | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-------------------|-----------------|------------------|-------|--------------------|--------------|------------|-------------|---------|
|        |                   |                 | PCC              | SCC   |                    |              |            |             |         |
| CA_38C | 75RB+75RB         | 37825+37975     | 1RB@0            | 0RB@0 | QPSK               | 22.25        | 24.40      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37825+37975     | 16RB@0           | 0RB@0 | QPSK               | 22.21        | 24.36      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37925+38075     | 1RB@0            | 0RB@0 | QPSK               | 22.11        | 24.26      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37925+38075     | 16RB@0           | 0RB@0 | QPSK               | 22.34        | 24.49      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38025+38175     | 1RB@0            | 0RB@0 | QPSK               | 22.20        | 24.35      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38025+38175     | 16RB@0           | 0RB@0 | QPSK               | 22.30        | 24.45      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37975+37825     | 1RB@0            | 0RB@0 | QPSK               | 22.13        | 24.28      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37975+37825     | 16RB@0           | 0RB@0 | QPSK               | 22.36        | 24.51      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38075+37925     | 1RB@0            | 0RB@0 | QPSK               | 22.13        | 24.28      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38075+37925     | 16RB@0           | 0RB@0 | QPSK               | 22.30        | 24.45      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38175+38025     | 1RB@0            | 0RB@0 | QPSK               | 22.25        | 24.40      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38175+38025     | 16RB@0           | 0RB@0 | QPSK               | 22.26        | 24.41      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 37850+38048     | 1RB@0            | 0RB@0 | QPSK               | 21.34        | 23.49      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 37850+38048     | 18RB@0           | 0RB@0 | QPSK               | 21.22        | 23.37      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 37901+38099     | 1RB@0            | 0RB@0 | QPSK               | 21.58        | 23.73      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 37901+38099     | 18RB@0           | 0RB@0 | QPSK               | 21.31        | 23.46      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 37952+38150     | 1RB@0            | 0RB@0 | QPSK               | 21.49        | 23.64      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 37952+38150     | 18RB@0           | 0RB@0 | QPSK               | 21.34        | 23.49      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 38048+37850     | 1RB@0            | 0RB@0 | QPSK               | 21.46        | 23.61      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 38048+37850     | 18RB@0           | 0RB@0 | QPSK               | 21.35        | 23.50      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 38099+37901     | 1RB@0            | 0RB@0 | QPSK               | 21.50        | 23.65      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 38099+37901     | 18RB@0           | 0RB@0 | QPSK               | 21.33        | 23.48      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 38150+37952     | 1RB@0            | 0RB@0 | QPSK               | 21.53        | 23.68      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 38150+37952     | 18RB@0           | 0RB@0 | QPSK               | 21.19        | 23.34      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37825+37975     | 1RB@0            | 0RB@0 | 16QAM              | 20.60        | 22.75      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37825+37975     | 16RB@0           | 0RB@0 | 16QAM              | 20.32        | 22.47      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37925+38075     | 1RB@0            | 0RB@0 | 16QAM              | 20.38        | 22.53      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37925+38075     | 16RB@0           | 0RB@0 | 16QAM              | 20.36        | 22.51      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38025+38175     | 1RB@0            | 0RB@0 | 16QAM              | 20.40        | 22.55      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38025+38175     | 16RB@0           | 0RB@0 | 16QAM              | 20.26        | 22.41      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37975+37825     | 1RB@0            | 0RB@0 | 16QAM              | 20.05        | 22.20      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37975+37825     | 16RB@0           | 0RB@0 | 16QAM              | 20.36        | 22.51      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38075+37925     | 1RB@0            | 0RB@0 | 16QAM              | 20.40        | 22.55      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38075+37925     | 16RB@0           | 0RB@0 | 16QAM              | 20.28        | 22.43      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38175+38025     | 1RB@0            | 0RB@0 | 16QAM              | 20.35        | 22.50      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38175+38025     | 16RB@0           | 0RB@0 | 16QAM              | 20.42        | 22.57      | 33.00       | Pass    |
| CA_38C | 100RB+100RB       | 37850+38048     | 1RB@0            | 0RB@0 | 16QAM              | 22.33        | 24.48      | 33.00       | Pass    |



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|        |             |             |        |       |       |       |       |       |      |
|--------|-------------|-------------|--------|-------|-------|-------|-------|-------|------|
| CA_38C | 100RB+100RB | 37850+38048 | 18RB@0 | 0RB@0 | 16QAM | 22.39 | 24.54 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 1RB@0  | 0RB@0 | 16QAM | 22.34 | 24.49 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 18RB@0 | 0RB@0 | 16QAM | 22.42 | 24.57 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 1RB@0  | 0RB@0 | 16QAM | 22.53 | 24.68 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 18RB@0 | 0RB@0 | 16QAM | 22.50 | 24.65 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 1RB@0  | 0RB@0 | 16QAM | 22.28 | 24.43 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 18RB@0 | 0RB@0 | 16QAM | 22.25 | 24.40 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 1RB@0  | 0RB@0 | 16QAM | 22.41 | 24.56 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 18RB@0 | 0RB@0 | 16QAM | 22.38 | 24.53 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 1RB@0  | 0RB@0 | 16QAM | 22.41 | 24.56 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 18RB@0 | 0RB@0 | 16QAM | 22.36 | 24.51 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37825+37975 | 1RB@0  | 0RB@0 | 64QAM | 21.70 | 23.85 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37825+37975 | 16RB@0 | 0RB@0 | 64QAM | 21.40 | 23.55 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37925+38075 | 1RB@0  | 0RB@0 | 64QAM | 21.82 | 23.97 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37925+38075 | 16RB@0 | 0RB@0 | 64QAM | 21.34 | 23.49 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38025+38175 | 1RB@0  | 0RB@0 | 64QAM | 21.85 | 24.00 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38025+38175 | 16RB@0 | 0RB@0 | 64QAM | 21.42 | 23.57 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37975+37825 | 1RB@0  | 0RB@0 | 64QAM | 21.84 | 23.99 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37975+37825 | 16RB@0 | 0RB@0 | 64QAM | 21.36 | 23.51 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 1RB@0  | 0RB@0 | 64QAM | 21.74 | 23.89 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 16RB@0 | 0RB@0 | 64QAM | 21.41 | 23.56 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 1RB@0  | 0RB@0 | 64QAM | 21.55 | 23.70 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 16RB@0 | 0RB@0 | 64QAM | 21.29 | 23.44 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 1RB@0  | 0RB@0 | 64QAM | 20.16 | 22.31 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 18RB@0 | 0RB@0 | 64QAM | 20.46 | 22.61 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 1RB@0  | 0RB@0 | 64QAM | 20.14 | 22.29 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 18RB@0 | 0RB@0 | 64QAM | 20.28 | 22.43 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 1RB@0  | 0RB@0 | 64QAM | 20.12 | 22.27 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 18RB@0 | 0RB@0 | 64QAM | 20.25 | 22.40 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 1RB@0  | 0RB@0 | 64QAM | 20.12 | 22.27 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 18RB@0 | 0RB@0 | 64QAM | 20.26 | 22.41 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 1RB@0  | 0RB@0 | 64QAM | 20.33 | 22.48 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 18RB@0 | 0RB@0 | 64QAM | 20.44 | 22.59 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 1RB@0  | 0RB@0 | 64QAM | 20.04 | 22.19 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 18RB@0 | 0RB@0 | 64QAM | 20.46 | 22.61 | 33.00 | Pass |

**1.2 Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE Band CA\_38C ( Up Antenna )**

| BAND   | Test Mode PCC/SCC | Channel PCC/SCC | RB Configuration |       | Modulation PCC&SCC | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-------------------|-----------------|------------------|-------|--------------------|--------------|------------|-------------|---------|
|        |                   |                 | PCC              | SCC   |                    |              |            |             |         |
| CA_38C | 75RB+75RB         | 37825+37975     | 1RB@0            | 0RB@0 | QPSK               | 21.07        | 21.81      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37825+37975     | 16RB@0           | 0RB@0 | QPSK               | 21.51        | 22.25      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37925+38075     | 1RB@0            | 0RB@0 | QPSK               | 21.22        | 21.96      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 37925+38075     | 16RB@0           | 0RB@0 | QPSK               | 21.07        | 21.81      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38025+38175     | 1RB@0            | 0RB@0 | QPSK               | 21.24        | 21.98      | 33.00       | Pass    |
| CA_38C | 75RB+75RB         | 38025+38175     | 16RB@0           | 0RB@0 | QPSK               | 21.27        | 22.01      | 33.00       | Pass    |



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|        |             |             |        |       |       |       |       |       |      |
|--------|-------------|-------------|--------|-------|-------|-------|-------|-------|------|
| CA_38C | 75RB+75RB   | 37975+37825 | 1RB@0  | 0RB@0 | QPSK  | 21.36 | 22.10 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37975+37825 | 16RB@0 | 0RB@0 | QPSK  | 21.45 | 22.19 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 1RB@0  | 0RB@0 | QPSK  | 21.27 | 22.01 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 16RB@0 | 0RB@0 | QPSK  | 21.39 | 22.13 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 1RB@0  | 0RB@0 | QPSK  | 21.43 | 22.17 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 16RB@0 | 0RB@0 | QPSK  | 21.39 | 22.13 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 1RB@0  | 0RB@0 | QPSK  | 21.23 | 21.97 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 18RB@0 | 0RB@0 | QPSK  | 21.60 | 22.34 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 1RB@0  | 0RB@0 | QPSK  | 21.28 | 22.02 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 18RB@0 | 0RB@0 | QPSK  | 21.52 | 22.26 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 1RB@0  | 0RB@0 | QPSK  | 21.28 | 22.02 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 18RB@0 | 0RB@0 | QPSK  | 21.54 | 22.28 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 1RB@0  | 0RB@0 | QPSK  | 21.21 | 21.95 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 18RB@0 | 0RB@0 | QPSK  | 21.46 | 22.20 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 1RB@0  | 0RB@0 | QPSK  | 21.54 | 22.28 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 18RB@0 | 0RB@0 | QPSK  | 21.43 | 22.17 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 1RB@0  | 0RB@0 | QPSK  | 21.24 | 21.98 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 18RB@0 | 0RB@0 | QPSK  | 21.48 | 22.22 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37825+37975 | 1RB@0  | 0RB@0 | 16QAM | 20.60 | 21.34 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37825+37975 | 16RB@0 | 0RB@0 | 16QAM | 20.30 | 21.04 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37925+38075 | 1RB@0  | 0RB@0 | 16QAM | 20.31 | 21.05 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37925+38075 | 16RB@0 | 0RB@0 | 16QAM | 20.14 | 20.88 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38025+38175 | 1RB@0  | 0RB@0 | 16QAM | 20.37 | 21.11 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38025+38175 | 16RB@0 | 0RB@0 | 16QAM | 20.36 | 21.10 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37975+37825 | 1RB@0  | 0RB@0 | 16QAM | 20.35 | 21.09 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37975+37825 | 16RB@0 | 0RB@0 | 16QAM | 20.40 | 21.14 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 1RB@0  | 0RB@0 | 16QAM | 20.38 | 21.12 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 16RB@0 | 0RB@0 | 16QAM | 20.34 | 21.08 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 1RB@0  | 0RB@0 | 16QAM | 20.58 | 21.32 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 16RB@0 | 0RB@0 | 16QAM | 20.34 | 21.08 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 1RB@0  | 0RB@0 | 16QAM | 20.69 | 21.43 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 18RB@0 | 0RB@0 | 16QAM | 20.46 | 21.20 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 1RB@0  | 0RB@0 | 16QAM | 20.55 | 21.29 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 18RB@0 | 0RB@0 | 16QAM | 20.58 | 21.32 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 1RB@0  | 0RB@0 | 16QAM | 20.58 | 21.32 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 18RB@0 | 0RB@0 | 16QAM | 20.56 | 21.30 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 1RB@0  | 0RB@0 | 16QAM | 20.51 | 21.25 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 18RB@0 | 0RB@0 | 16QAM | 20.48 | 21.22 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 1RB@0  | 0RB@0 | 16QAM | 20.49 | 21.23 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 18RB@0 | 0RB@0 | 16QAM | 20.35 | 21.09 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 1RB@0  | 0RB@0 | 16QAM | 20.53 | 21.27 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 18RB@0 | 0RB@0 | 16QAM | 20.37 | 21.11 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37825+37975 | 1RB@0  | 0RB@0 | 64QAM | 19.20 | 19.94 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37825+37975 | 16RB@0 | 0RB@0 | 64QAM | 19.40 | 20.14 | 33.00 | Pass |



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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



|        |             |             |        |       |       |       |       |       |      |
|--------|-------------|-------------|--------|-------|-------|-------|-------|-------|------|
| CA_38C | 75RB+75RB   | 37925+38075 | 1RB@0  | 0RB@0 | 64QAM | 19.43 | 20.17 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37925+38075 | 16RB@0 | 0RB@0 | 64QAM | 19.33 | 20.07 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38025+38175 | 1RB@0  | 0RB@0 | 64QAM | 19.44 | 20.18 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38025+38175 | 16RB@0 | 0RB@0 | 64QAM | 19.44 | 20.18 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37975+37825 | 1RB@0  | 0RB@0 | 64QAM | 19.45 | 20.19 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 37975+37825 | 16RB@0 | 0RB@0 | 64QAM | 19.46 | 20.20 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 1RB@0  | 0RB@0 | 64QAM | 19.42 | 20.16 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38075+37925 | 16RB@0 | 0RB@0 | 64QAM | 19.37 | 20.11 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 1RB@0  | 0RB@0 | 64QAM | 19.52 | 20.26 | 33.00 | Pass |
| CA_38C | 75RB+75RB   | 38175+38025 | 16RB@0 | 0RB@0 | 64QAM | 19.30 | 20.04 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 1RB@0  | 0RB@0 | 64QAM | 19.31 | 20.05 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37850+38048 | 18RB@0 | 0RB@0 | 64QAM | 19.35 | 20.09 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 1RB@0  | 0RB@0 | 64QAM | 19.79 | 20.53 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37901+38099 | 18RB@0 | 0RB@0 | 64QAM | 19.52 | 20.26 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 1RB@0  | 0RB@0 | 64QAM | 19.81 | 20.55 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 37952+38150 | 18RB@0 | 0RB@0 | 64QAM | 19.52 | 20.26 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 1RB@0  | 0RB@0 | 64QAM | 19.74 | 20.48 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38048+37850 | 18RB@0 | 0RB@0 | 64QAM | 19.47 | 20.21 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 1RB@0  | 0RB@0 | 64QAM | 19.53 | 20.27 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38099+37901 | 18RB@0 | 0RB@0 | 64QAM | 19.43 | 20.17 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 1RB@0  | 0RB@0 | 64QAM | 19.63 | 20.37 | 33.00 | Pass |
| CA_38C | 100RB+100RB | 38150+37952 | 18RB@0 | 0RB@0 | 64QAM | 19.45 | 20.19 | 33.00 | Pass |

**Remark:**

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

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

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



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## 2 Peak-to-Average Ratio

### Part I - Test Results

| Test Band | Modulation | Test Mode   | Test Channel | PCC RB Config | SCC RB Config | Measured [dB] | Limit [dB] | Verdict |
|-----------|------------|-------------|--------------|---------------|---------------|---------------|------------|---------|
| CA_38C    | QPSK       | 100RB+100RB | 37850+38048  | 100RB@0       | 100RB@0       | 6.23          | 13         | PASS    |
| CA_38C    | QPSK       | 100RB+100RB | 37901+38099  | 100R B@0      | 100RB@0       | 6.58          | 13         | PASS    |
| CA_38C    | QPSK       | 100RB+100RB | 37952+38150  | 100RB@0       | 100RB@0       | 6.32          | 13         | PASS    |
| CA_38C    | QPSK       | 100RB+100RB | 38048+37850  | 100RB@0       | 100RB@0       | 8.17          | 13         | PASS    |
| CA_38C    | QPSK       | 100RB+100RB | 38099+37901  | 100RB@0       | 100RB@0       | 7.57          | 13         | PASS    |
| CA_38C    | QPSK       | 100RB+100RB | 38150+37952  | 100RB@0       | 100RB@0       | 6.55          | 13         | PASS    |
| CA_38C    | 16QAM      | 100RB+100RB | 37850+38048  | 100RB@0       | 100RB@0       | 7.10          | 13         | PASS    |
| CA_38C    | 16QAM      | 100RB+100RB | 37901+38099  | 100RB@0       | 100RB@0       | 7.33          | 13         | PASS    |
| CA_38C    | 16QAM      | 100RB+100RB | 37952+38150  | 100RB@0       | 100RB@0       | 6.87          | 13         | PASS    |
| CA_38C    | 16QAM      | 100RB+100RB | 38048+37850  | 100RB@0       | 100RB@0       | 7.36          | 13         | PASS    |
| CA_38C    | 16QAM      | 100RB+100RB | 38099+37901  | 100RB@0       | 100RB@0       | 6.84          | 13         | PASS    |
| CA_38C    | 16QAM      | 100RB+100RB | 38150+37952  | 100RB@0       | 100RB@0       | 7.77          | 13         | PASS    |
| CA_38C    | 64QAM      | 100RB+100RB | 37850+38048  | 100RB@0       | 100RB@0       | 6.99          | 13         | PASS    |
| CA_38C    | 64QAM      | 100RB+100RB | 37901+38099  | 100RB@0       | 100RB@0       | 6.78          | 13         | PASS    |
| CA_38C    | 64QAM      | 100RB+100RB | 37952+38150  | 100RB@0       | 100RB@0       | 6.84          | 13         | PASS    |
| CA_38C    | 64QAM      | 100RB+100RB | 38048+37850  | 100RB@0       | 100RB@0       | 7.54          | 13         | PASS    |
| CA_38C    | 64QAM      | 100RB+100RB | 38099+37901  | 100RB@0       | 100RB@0       | 7.71          | 13         | PASS    |
| CA_38C    | 64QAM      | 100RB+100RB | 38150+37952  | 100RB@0       | 100RB@0       | 7.01          | 13         | PASS    |



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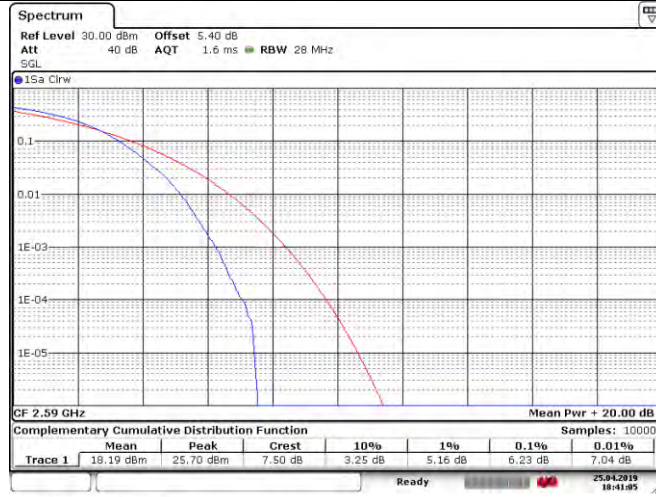


Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE Band CA\_38C

CA\_38C\_QPSK\_100RB+100RB\_37850+38048\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 18:41:06

CA\_38C\_QPSK\_100RB+100RB\_37901+38099\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 18:42:22

CA\_38C\_QPSK\_100RB+100RB\_37952+38150\_PCC:100RB@0\_SCC:100RB@0



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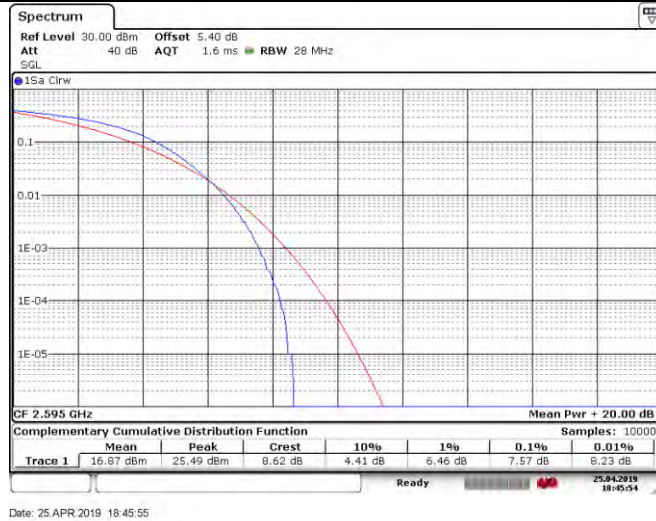


CA\_38C\_QPSK\_100RB+100RB\_38048+37850\_PCC:100RB@0\_SCC:100RB@0

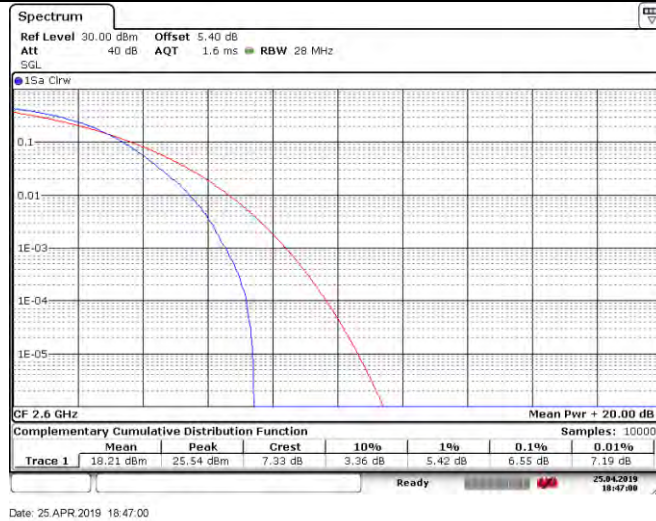


CA\_38C\_QPSK\_100RB+100RB\_38099+37901\_PCC:100RB@0\_SCC:100RB@0



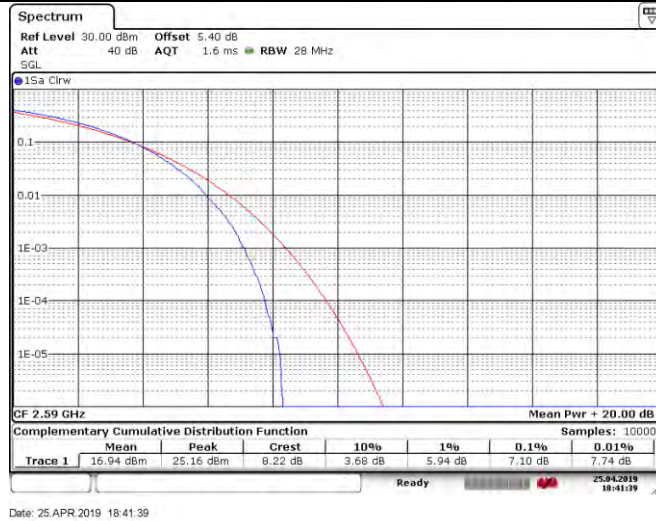


CA\_38C\_QPSK\_100RB+100RB\_38150+37952\_PCC:100RB@0\_SCC:100RB@0



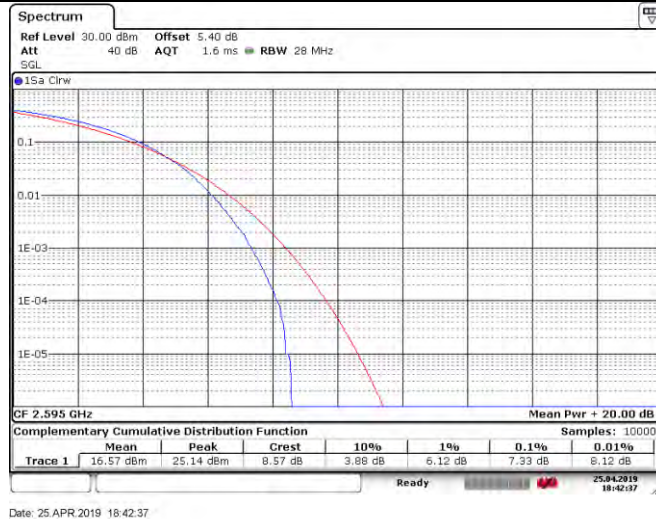
CA\_38C\_16QAM\_100RB+100RB\_37850+38048\_PCC:100RB@0\_SCC:100RB@0





Date: 25 APR 2019 18:41:39

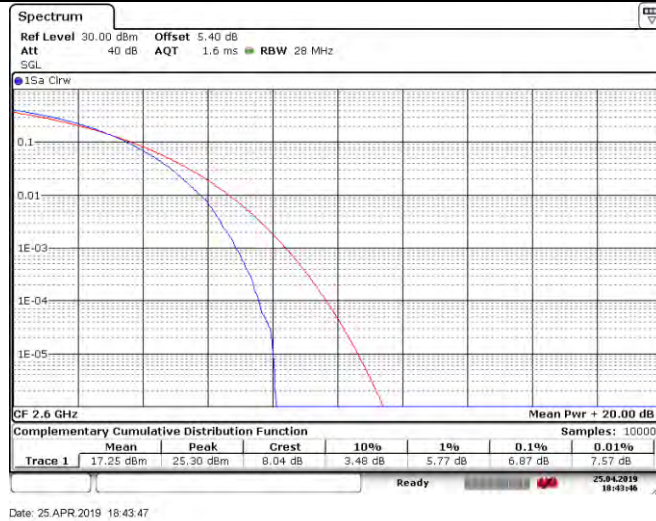
CA\_38C\_16QAM\_100RB+100RB\_37901+38099\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 18:42:37

CA\_38C\_16QAM\_100RB+100RB\_37952+38150\_PCC:100RB@0\_SCC:100RB@0



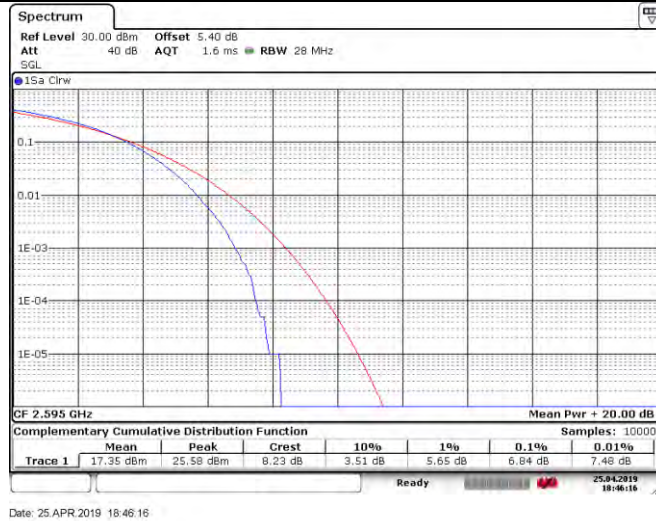


CA\_38C\_16QAM\_100RB+100RB\_38048+37850\_PCC:100RB@0\_SCC:100RB@0

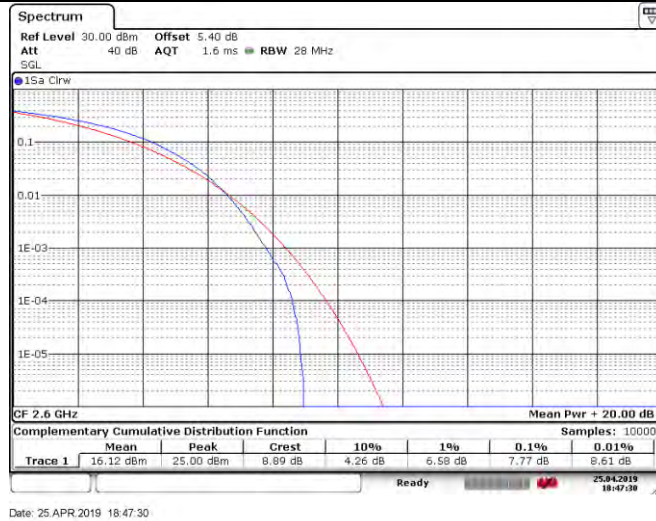


CA\_38C\_16QAM\_100RB+100RB\_38099+37901\_PCC:100RB@0\_SCC:100RB@0



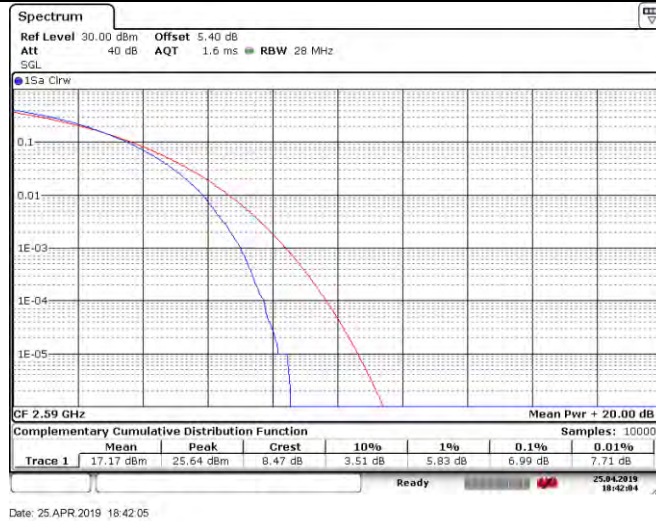


CA\_38C\_16QAM\_100RB+100RB\_38150+37952\_PCC:100RB@0\_SCC:100RB@0

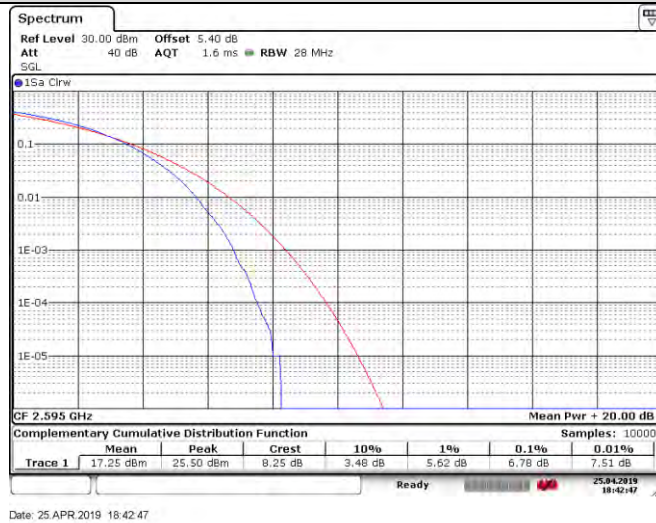


CA\_38C\_64QAM\_100RB+100RB\_37850+38048\_PCC:100RB@0\_SCC:100RB@0



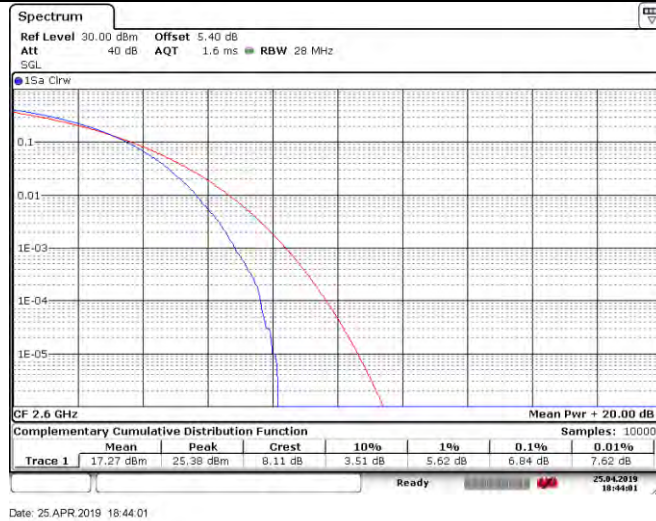


CA\_38C\_64QAM\_100RB+100RB\_37901+38099\_PCC:100RB@0\_SCC:100RB@0



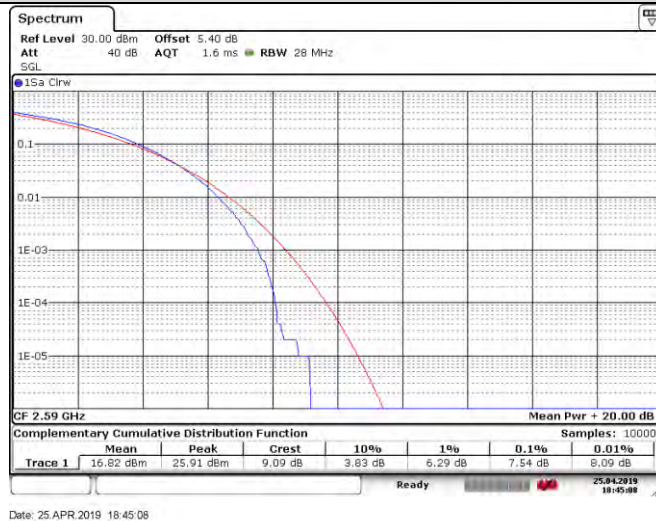
CA\_38C\_64QAM\_100RB+100RB\_37952+38150\_PCC:100RB@0\_SCC:100RB@0





Date: 25 APR 2019 18:44:01

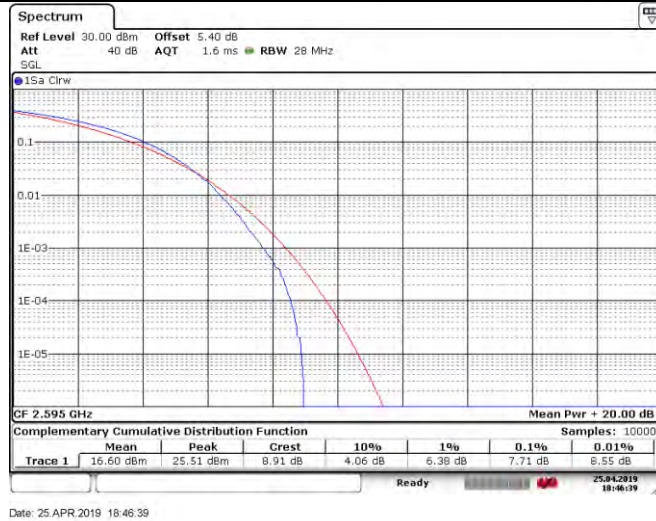
CA\_38C\_64QAM\_100RB+100RB\_38048+37850\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 18:45:06

CA\_38C\_64QAM\_100RB+100RB\_38099+37901\_PCC:100RB@0\_SCC:100RB@0





Date: 25 APR 2019 18:46:39

CA\_38C\_64QAM\_100RB+100RB\_38150+37952\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 18:47:47







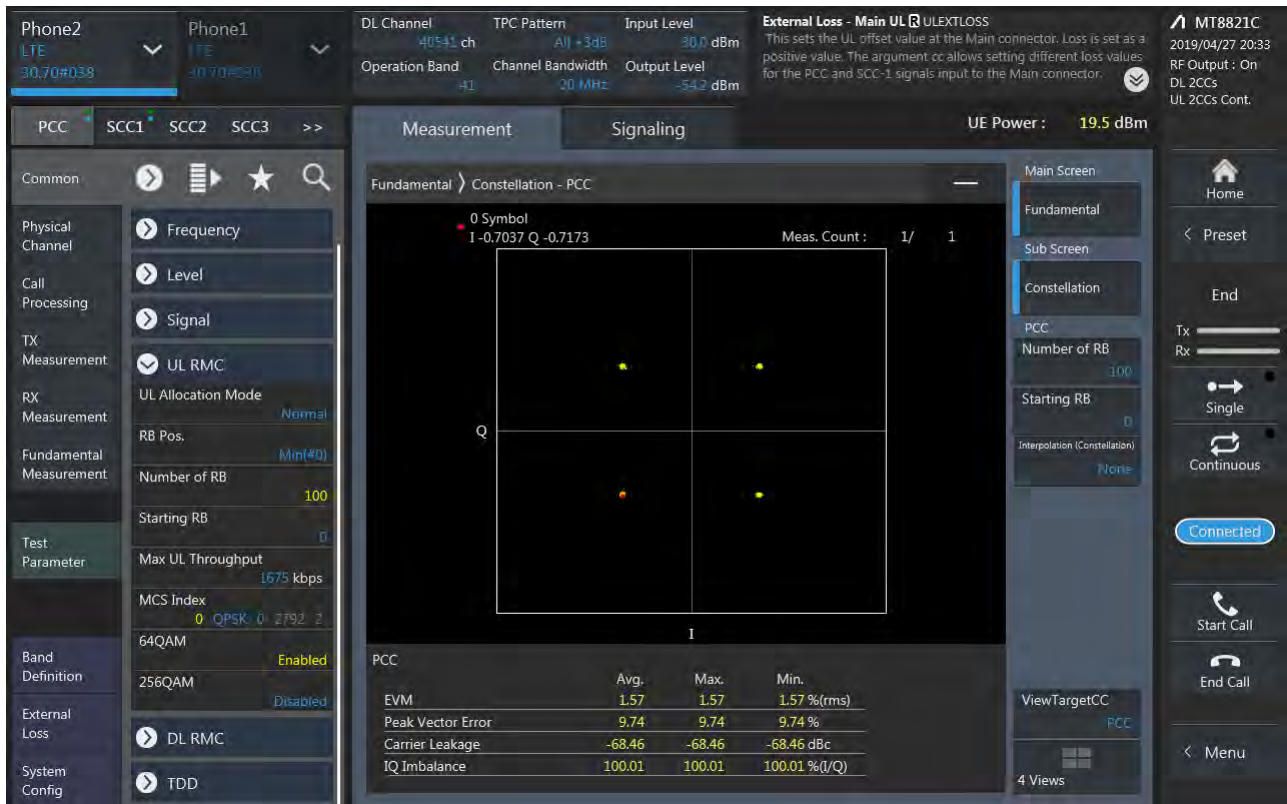
### 3 Modulation Characteristics

#### 3.1 For LTE

##### 3.1.1 Test Band = LTE Band CA\_38C

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

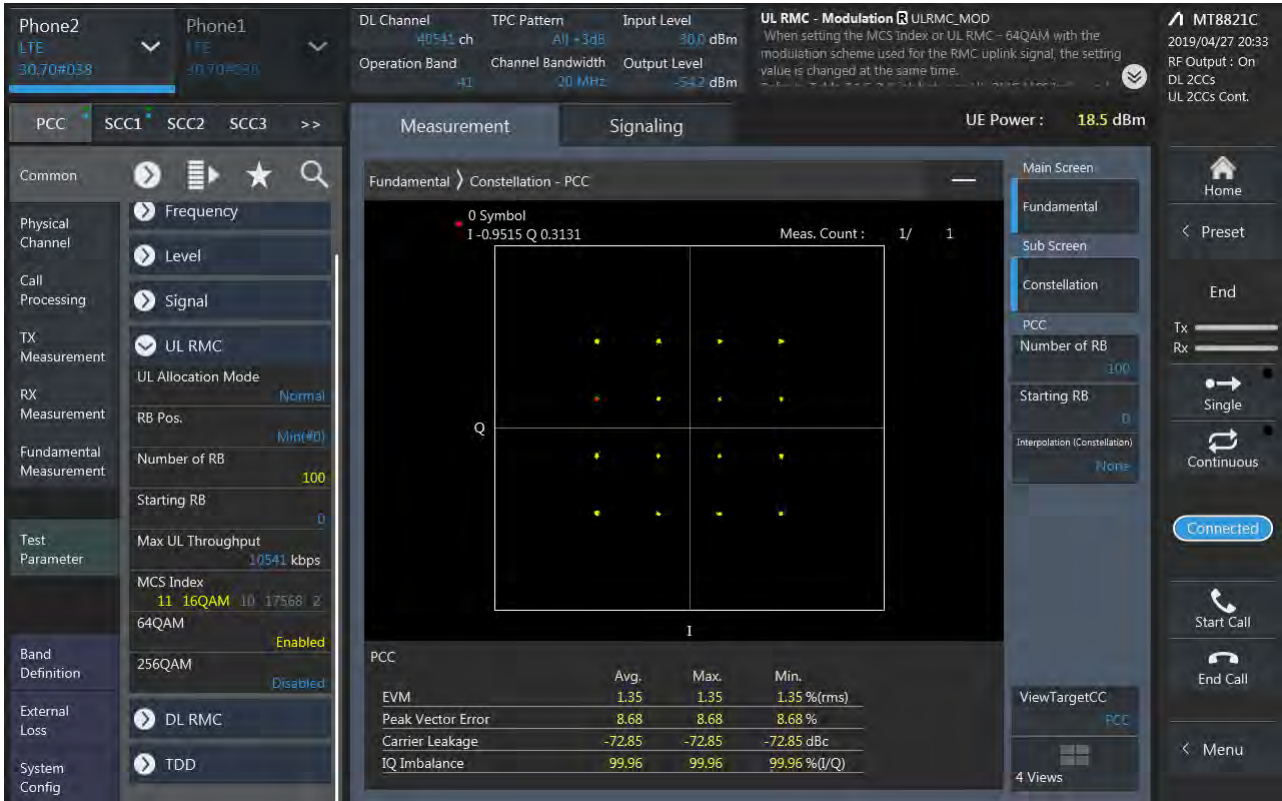
##### 3.1.1.1.1 Test Channel = 37901+38099





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

**3.1.1.2.1 Test Channel = 37901+38099**



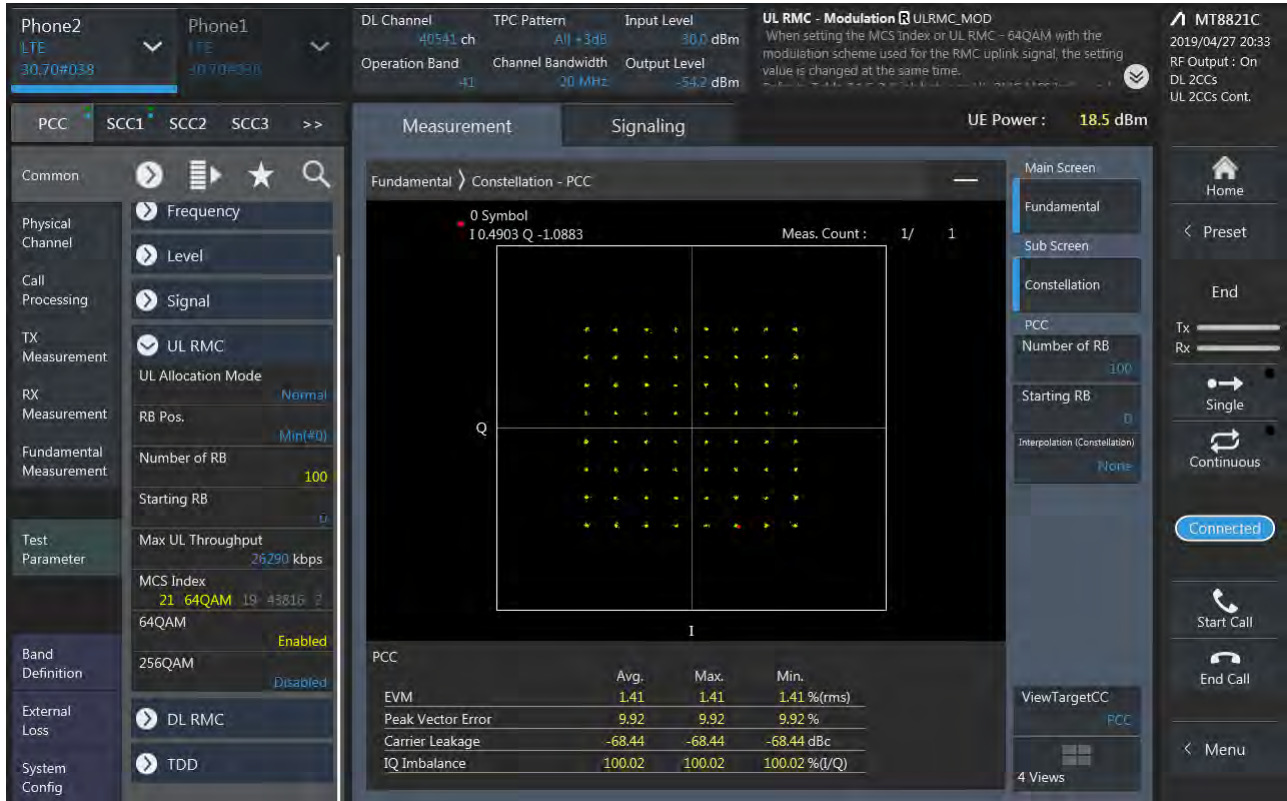
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3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 Test Channel = 37901+38099



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## 4 26dB Bandwidth and Occupied Bandwidth

| Test Band | Modulation PCC&SCC | Test Mode PCC/SCC | Test Channel PCC/SCC | PCC RB  | SCC RB  | OBW [MHz] | EBW [MHz] | Verdict |
|-----------|--------------------|-------------------|----------------------|---------|---------|-----------|-----------|---------|
| CA_38C    | QPSK               | 75RB+75RB         | 37825+37975          | 100RB@0 | 25RB@0  | 28.29     | 30.03     | PASS    |
| CA_38C    | QPSK               | 75RB+75RB         | 37925+38075          | 100RB@0 | 25RB@0  | 28.29     | 29.91     | PASS    |
| CA_38C    | QPSK               | 75RB+75RB         | 38025+38175          | 100RB@0 | 25RB@0  | 28.29     | 29.97     | PASS    |
| CA_38C    | QPSK               | 75RB+75RB         | 37975+37825          | 25RB@0  | 100RB@0 | 28.35     | 30.15     | PASS    |
| CA_38C    | QPSK               | 75RB+75RB         | 38075+37925          | 25RB@0  | 100RB@0 | 28.29     | 29.91     | PASS    |
| CA_38C    | QPSK               | 75RB+75RB         | 38175+38025          | 25RB@0  | 100RB@0 | 28.29     | 30.09     | PASS    |
| CA_38C    | 16QAM              | 75RB+75RB         | 37825+37975          | 100RB@0 | 25RB@0  | 28.29     | 29.85     | PASS    |
| CA_38C    | 16QAM              | 75RB+75RB         | 37925+38075          | 100RB@0 | 25RB@0  | 28.23     | 29.85     | PASS    |
| CA_38C    | 16QAM              | 75RB+75RB         | 38025+38175          | 100RB@0 | 25RB@0  | 28.29     | 29.97     | PASS    |
| CA_38C    | 16QAM              | 75RB+75RB         | 37975+37825          | 25RB@0  | 100RB@0 | 28.29     | 29.97     | PASS    |
| CA_38C    | 16QAM              | 75RB+75RB         | 38075+37925          | 25RB@0  | 100RB@0 | 28.29     | 29.97     | PASS    |
| CA_38C    | 16QAM              | 75RB+75RB         | 38175+38025          | 25RB@0  | 100RB@0 | 28.29     | 29.91     | PASS    |
| CA_38C    | 64QAM              | 75RB+75RB         | 37825+37975          | 100RB@0 | 25RB@0  | 28.29     | 29.91     | PASS    |
| CA_38C    | 64QAM              | 75RB+75RB         | 37925+38075          | 100RB@0 | 25RB@0  | 28.29     | 29.97     | PASS    |
| CA_38C    | 64QAM              | 75RB+75RB         | 38025+38175          | 100RB@0 | 25RB@0  | 28.29     | 29.97     | PASS    |
| CA_38C    | 64QAM              | 75RB+75RB         | 37975+37825          | 25RB@0  | 100RB@0 | 28.29     | 29.91     | PASS    |
| CA_38C    | 64QAM              | 75RB+75RB         | 38075+37925          | 25RB@0  | 100RB@0 | 28.29     | 29.85     | PASS    |
| CA_38C    | 64QAM              | 75RB+75RB         | 38175+38025          | 25RB@0  | 100RB@0 | 28.29     | 29.97     | PASS    |
| CA_38C    | QPSK               | 100RB+100RB       | 37850+38048          | 100RB@0 | 100RB@0 | 37.48     | 39.56     | PASS    |
| CA_38C    | QPSK               | 100RB+100RB       | 37901+38099          | 100RB@0 | 100RB@0 | 37.56     | 39.88     | PASS    |
| CA_38C    | QPSK               | 100RB+100RB       | 37952+38150          | 100RB@0 | 100RB@0 | 37.56     | 39.64     | PASS    |
| CA_38C    | QPSK               | 100RB+100RB       | 38048+37850          | 100RB@0 | 100RB@0 | 37.56     | 39.80     | PASS    |
| CA_38C    | QPSK               | 100RB+100RB       | 38099+37901          | 100RB@0 | 100RB@0 | 37.64     | 39.72     | PASS    |
| CA_38C    | QPSK               | 100RB+100RB       | 38150+37952          | 100RB@0 | 100RB@0 | 37.64     | 39.64     | PASS    |
| CA_38C    | 16QAM              | 100RB+100RB       | 37850+38048          | 100RB@0 | 100RB@0 | 37.56     | 39.56     | PASS    |
| CA_38C    | 16QAM              | 100RB+100RB       | 37901+38099          | 100RB@0 | 100RB@0 | 37.56     | 39.72     | PASS    |
| CA_38C    | 16QAM              | 100RB+100RB       | 37952+38150          | 100RB@0 | 100RB@0 | 37.56     | 39.72     | PASS    |
| CA_38C    | 16QAM              | 100RB+100RB       | 38048+37850          | 100RB@0 | 100RB@0 | 37.64     | 39.72     | PASS    |
| CA_38C    | 16QAM              | 100RB+100RB       | 38099+37901          | 100RB@0 | 100RB@0 | 37.56     | 39.64     | PASS    |
| CA_38C    | 16QAM              | 100RB+100RB       | 38150+37952          | 100RB@0 | 100RB@0 | 37.56     | 39.80     | PASS    |
| CA_38C    | 64QAM              | 100RB+100RB       | 37850+38048          | 100RB@0 | 100RB@0 | 37.56     | 39.64     | PASS    |
| CA_38C    | 64QAM              | 100RB+100RB       | 37901+38099          | 100RB@0 | 100RB@0 | 37.56     | 39.56     | PASS    |



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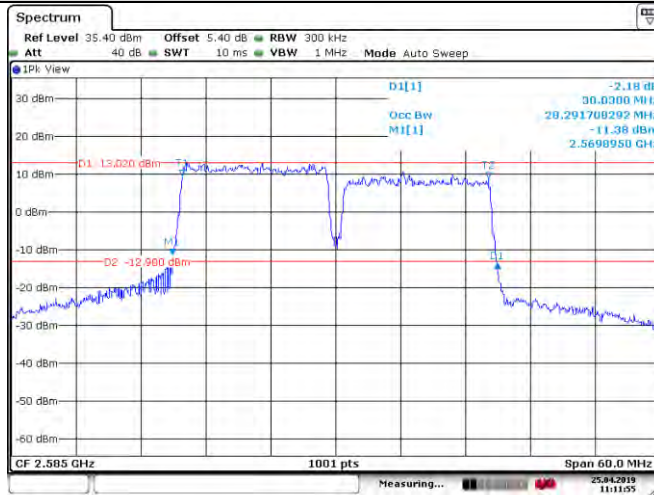


| Test Band | Modulation PCC&SCC | Test Mode PCC/SCC | Test Channel PCC/SCC | PCC RB  | SCC RB  | OBW [MHz] | EBW [MHz] | Verdict |
|-----------|--------------------|-------------------|----------------------|---------|---------|-----------|-----------|---------|
| CA_38C    | 64QAM              | 100RB+100RB       | 37952+38150          | 100RB@0 | 100RB@0 | 37.56     | 39.72     | PASS    |
| CA_38C    | 64QAM              | 100RB+100RB       | 38048+37850          | 100RB@0 | 100RB@0 | 37.56     | 40.12     | PASS    |
| CA_38C    | 64QAM              | 100RB+100RB       | 38099+37901          | 100RB@0 | 100RB@0 | 37.56     | 40.36     | PASS    |
| CA_38C    | 64QAM              | 100RB+100RB       | 38150+37952          | 100RB@0 | 100RB@0 | 37.56     | 39.88     | PASS    |

### 4.1 For LTE

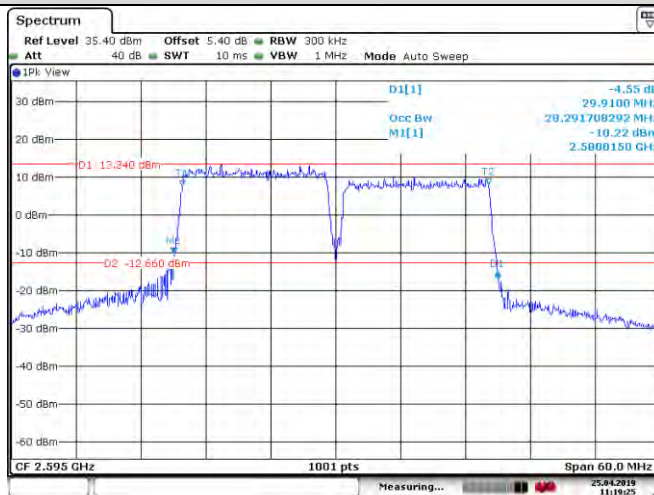
#### 4.1.1 Test Band = LTE Band CA\_38C

CA\_38C\_QPSK\_75RB+75RB\_37825+37975\_PCC:100RB@0\_SCC:25RB@0



Date: 25.APR.2019 11:11:56

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Date: 25.APR.2019 11:19:25

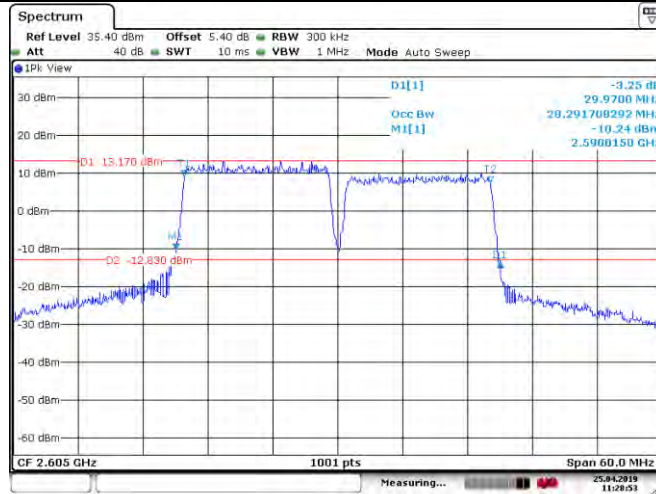
CA\_38C\_QPSK\_75RB+75RB\_38025+38175\_PCC:100RB@0\_SCC:25RB@0



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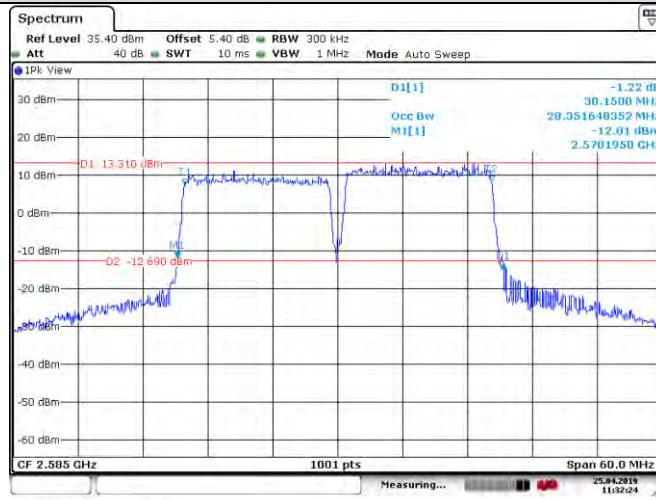
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Date: 25.APR 2019 11:28:54

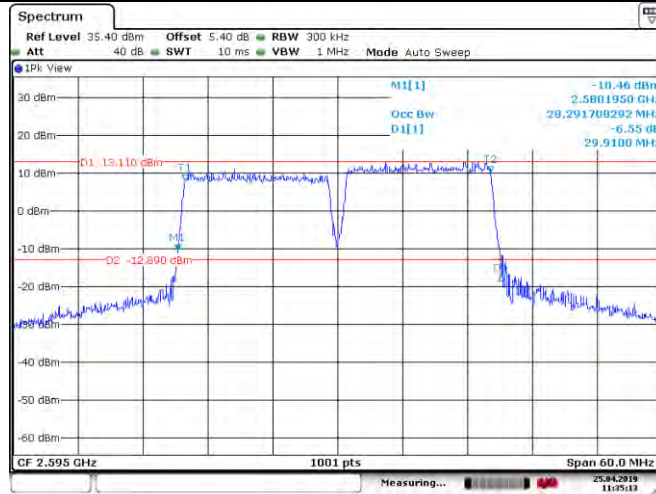
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Date: 25.APR 2019 11:32:24

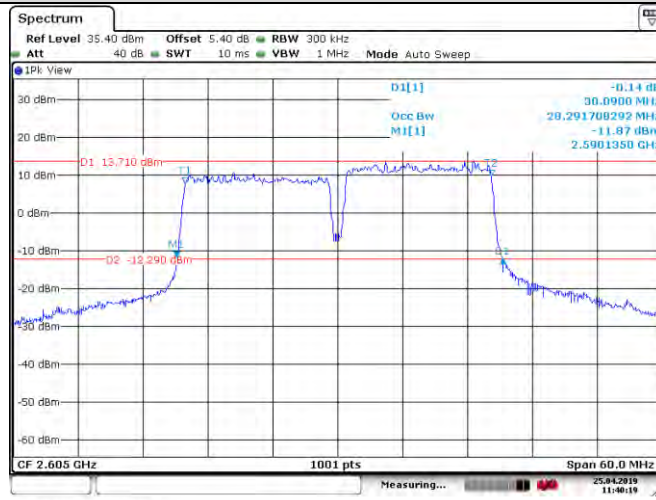
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Date: 25.APR.2019 11:35:13

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Date: 25.APR.2019 11:40:20

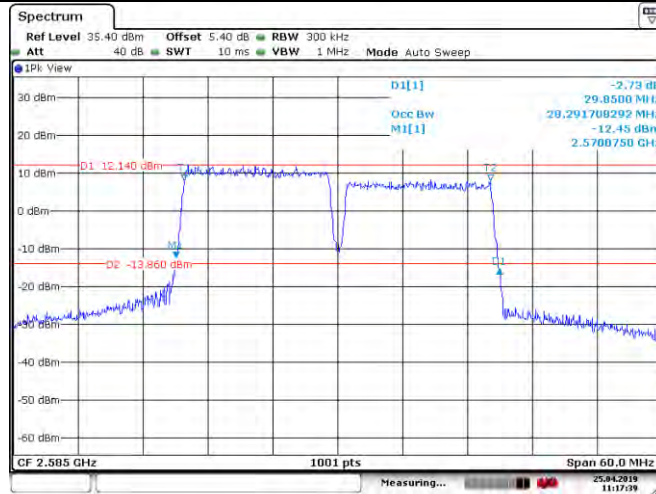
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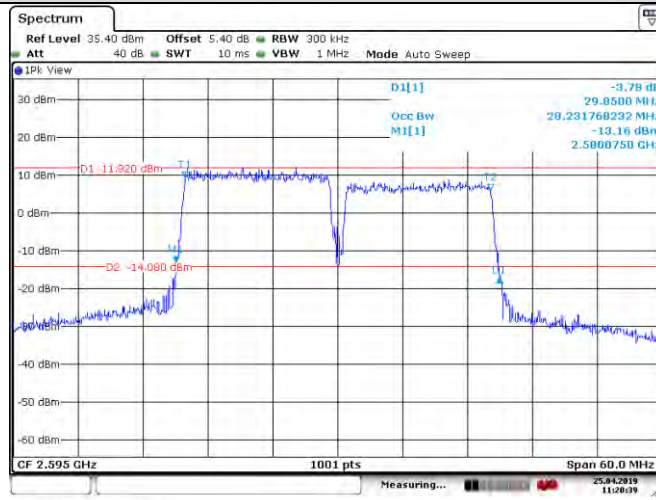
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CA\_38C\_16QAM\_75RB+75RB\_37925+38075\_PCC:100RB@0\_SCC:25RB@0



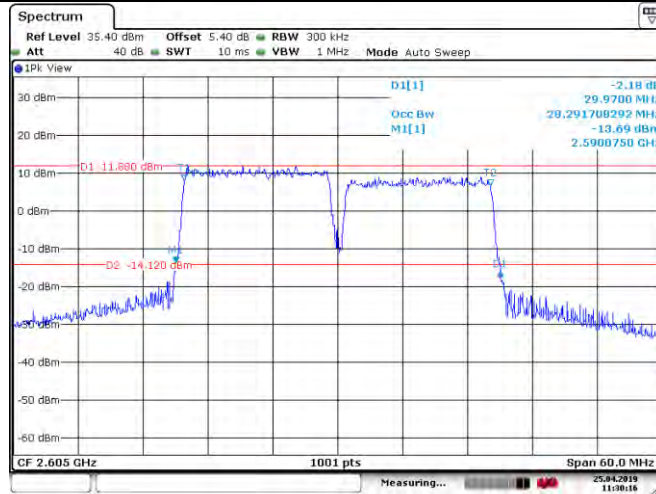
CA\_38C\_16QAM\_75RB+75RB\_38025+38175\_PCC:100RB@0\_SCC:25RB@0



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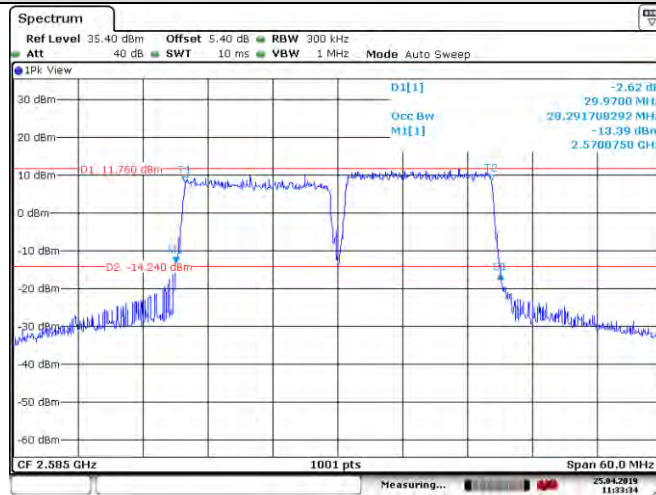
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Date: 25 APR 2019 11:30:16

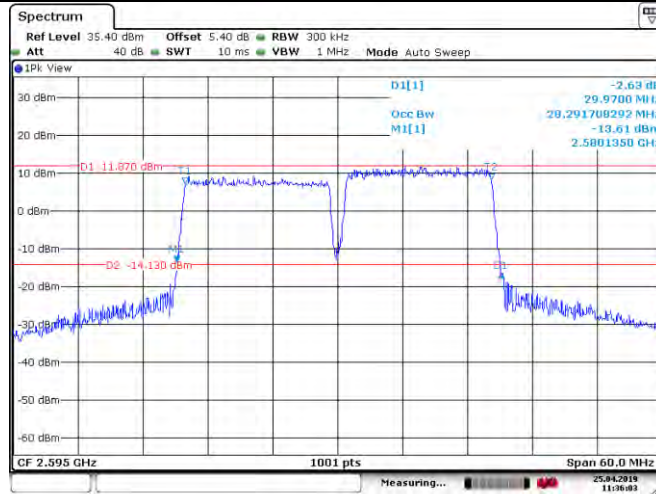
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Date: 25 APR 2019 11:33:34

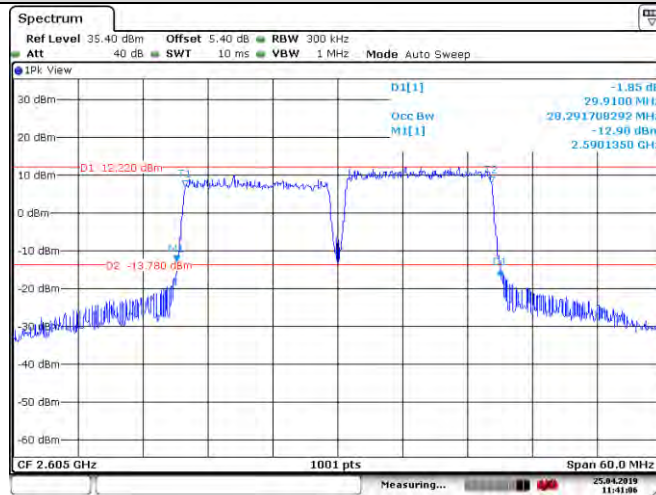
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Date: 25.APR 2019 11:36:04

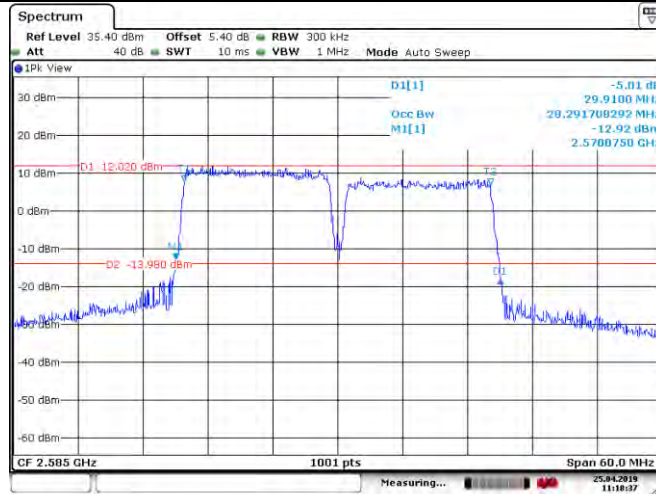
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Date: 25.APR 2019 11:41:06

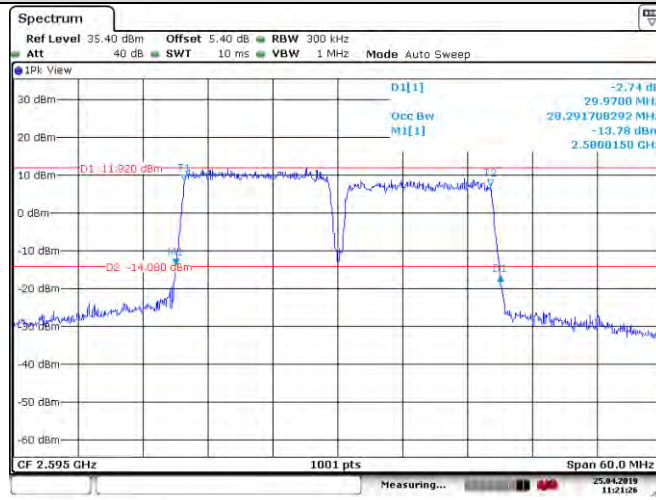
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Date: 25.APR.2019 11:18:37

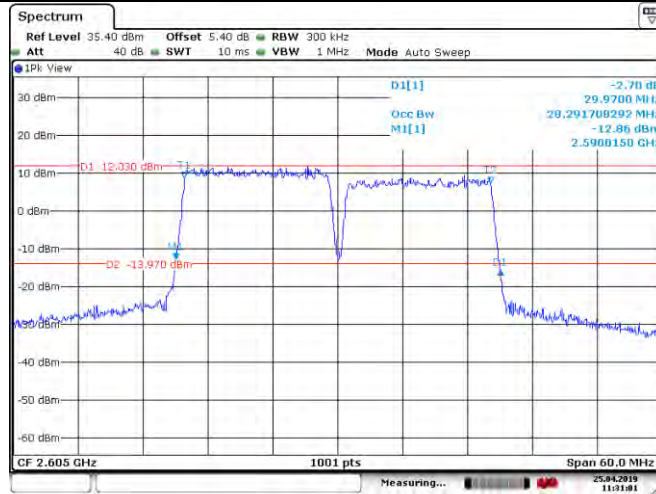
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Date: 25.APR.2019 11:21:26

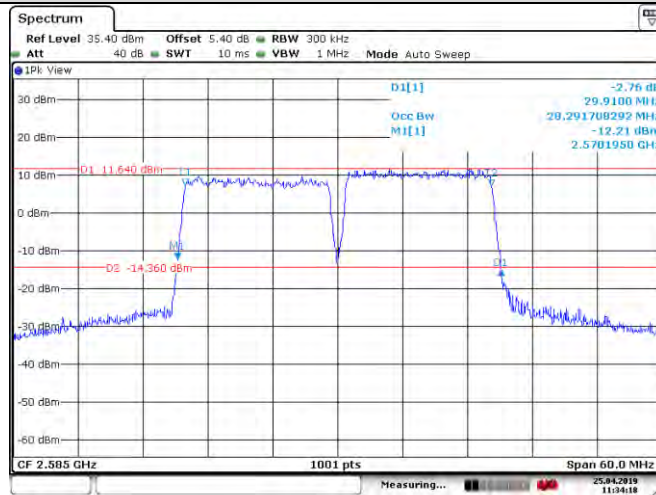
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Date: 25.APR 2019 11:31:02

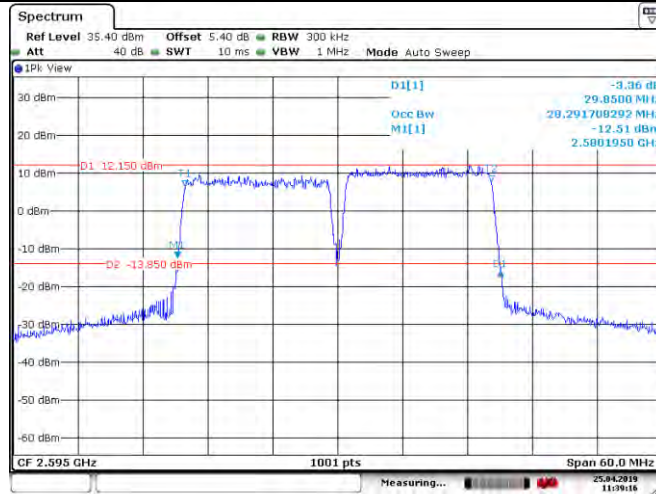
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Date: 25.APR 2019 11:34:18

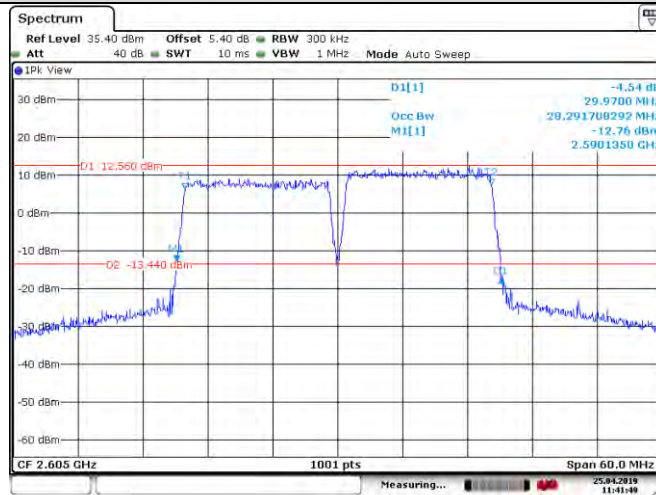
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Date: 25.APR 2019 11:39:17

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Date: 25.APR 2019 11:41:50

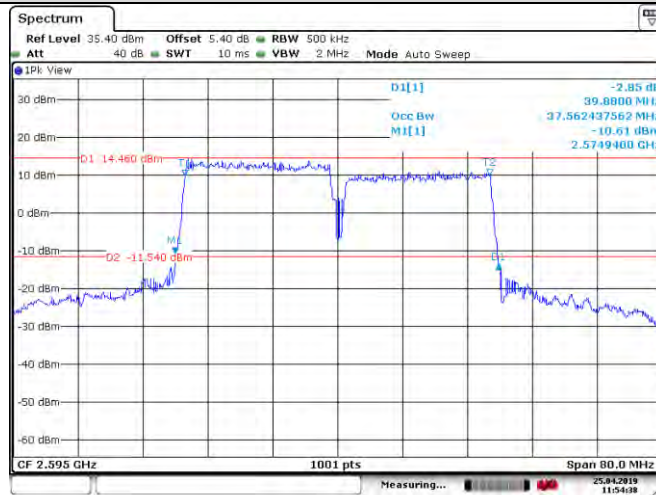
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Date: 25 APR 2019 11:52:11

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Date: 25 APR 2019 11:54:38

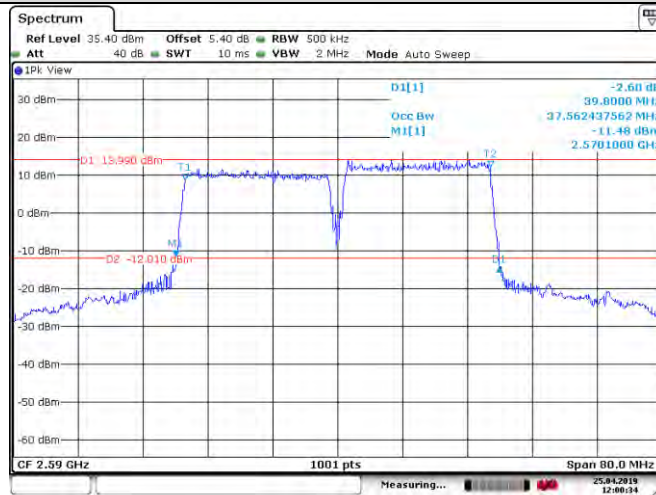
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Date: 25.APR 2019 11:57:50

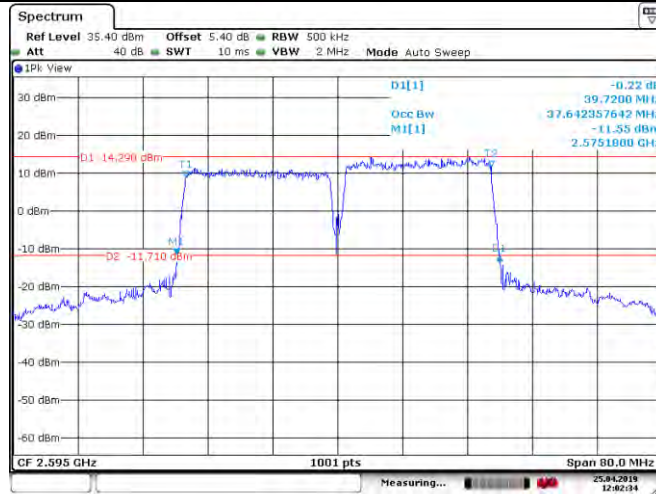
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Date: 25.APR 2019 12:00:34

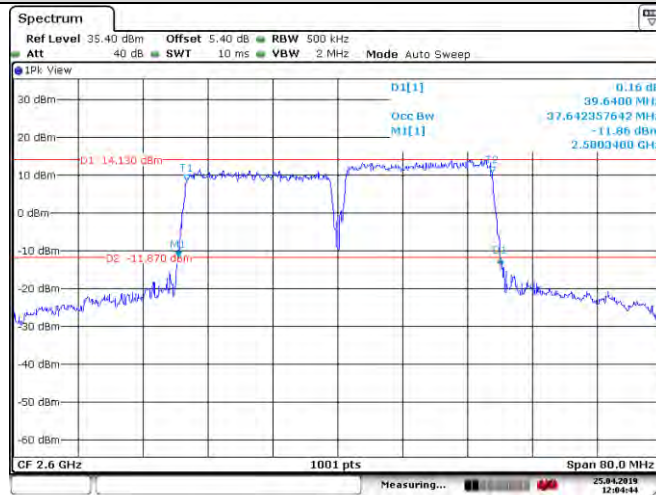
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Date: 25.APR 2019 12:02:35

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Date: 25.APR 2019 12:04:45

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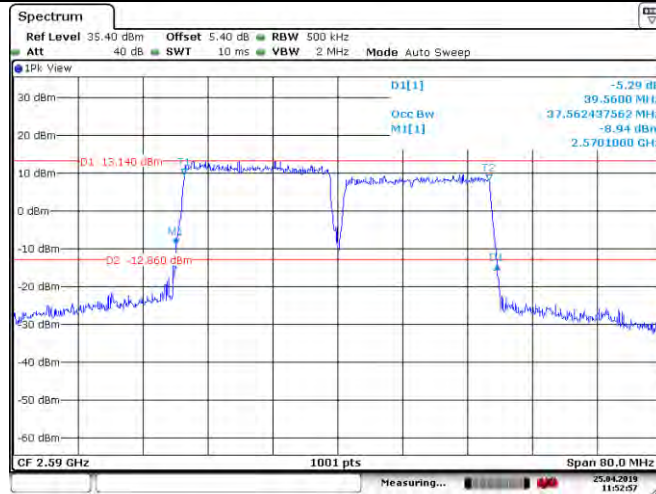


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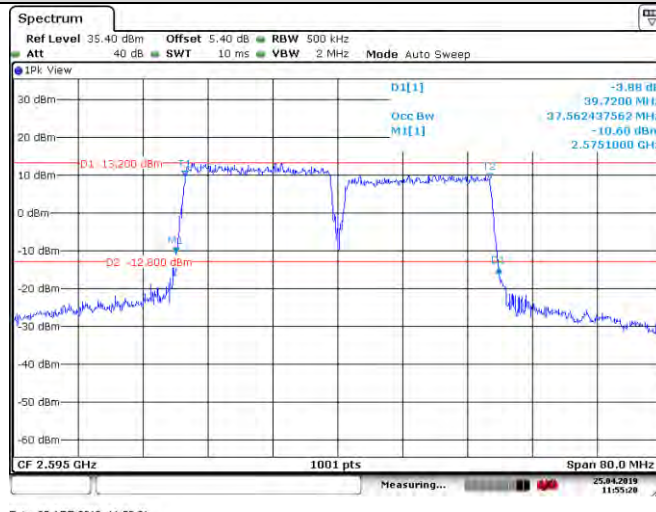
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CA\_38C\_16QAM\_100RB+100RB\_37901+38099\_PCC:100RB@0\_SCC:100RB@0

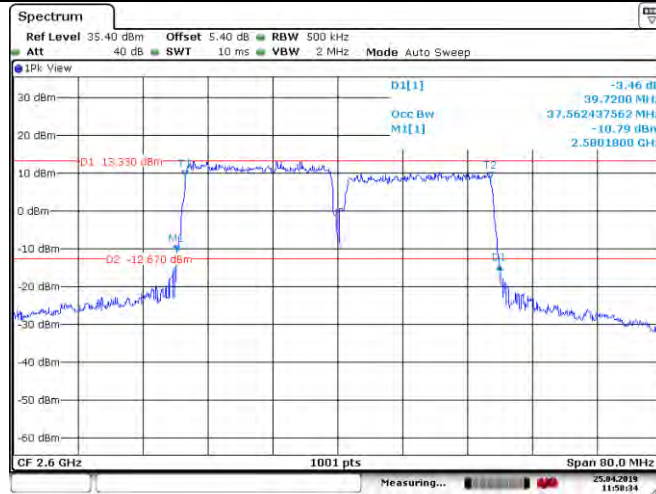


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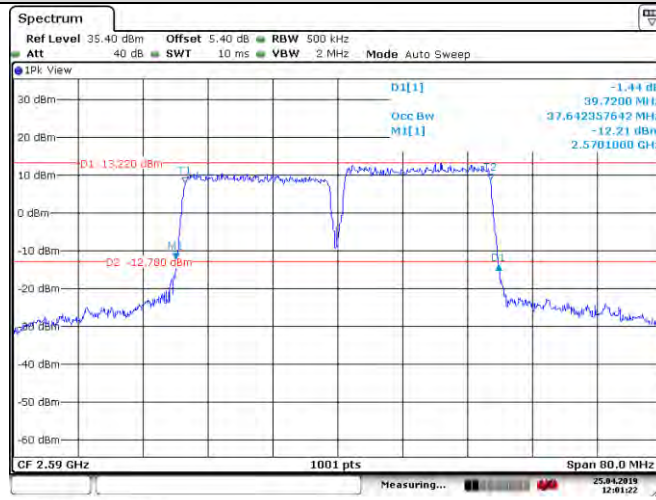
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Date: 25.APR.2019 11:58:34

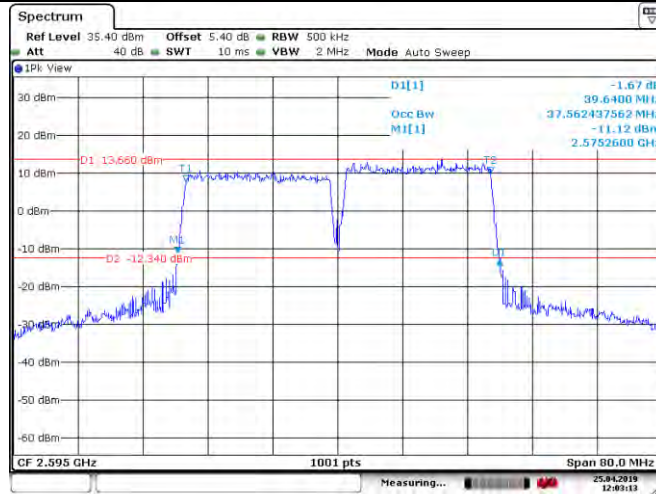
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Date: 25.APR.2019 12:01:23

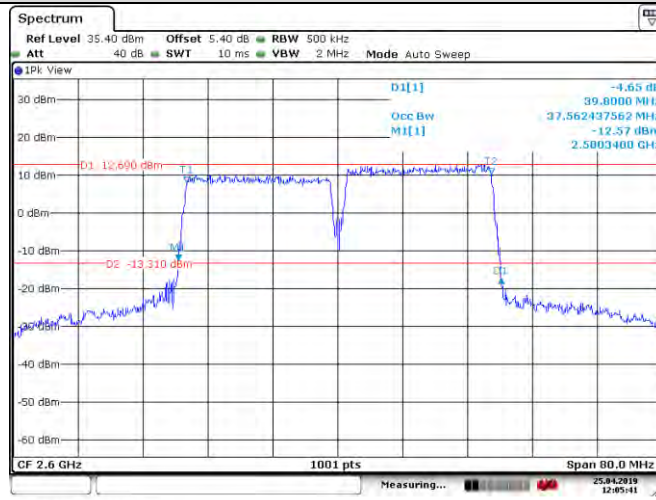
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Date: 25 APR 2019 12:03:13

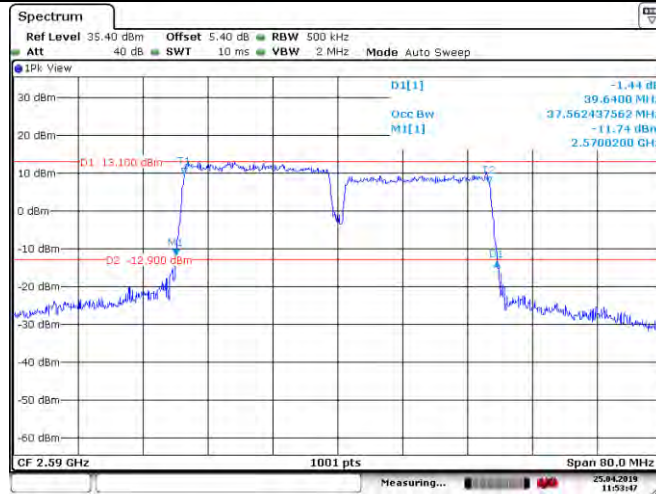
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Date: 25 APR 2019 12:05:41

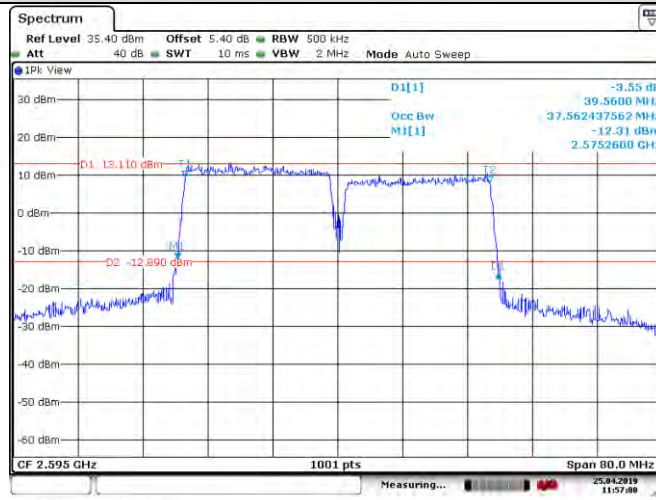
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Date: 25.APR 2019 11:53:47

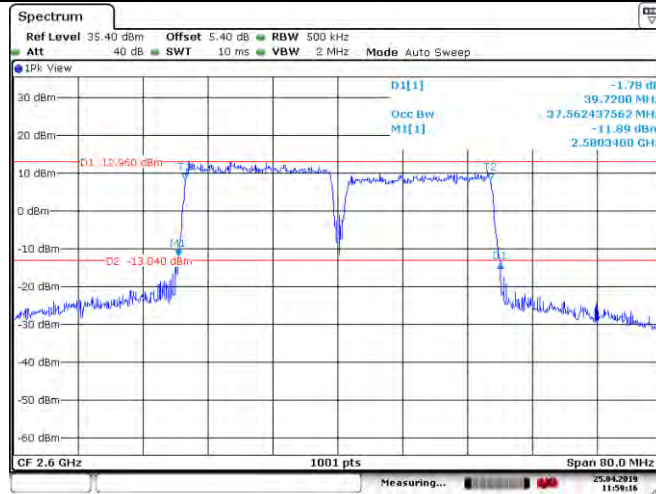
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Date: 25.APR 2019 11:57:00

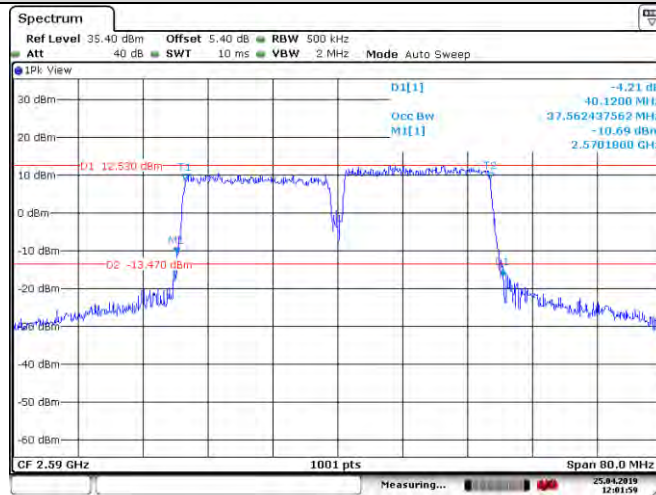
CA\_38C\_64QAM\_100RB+100RB\_37952+38150\_PCC:100RB@0\_SCC:100RB@0





Date: 25.APR.2019 11:59:16

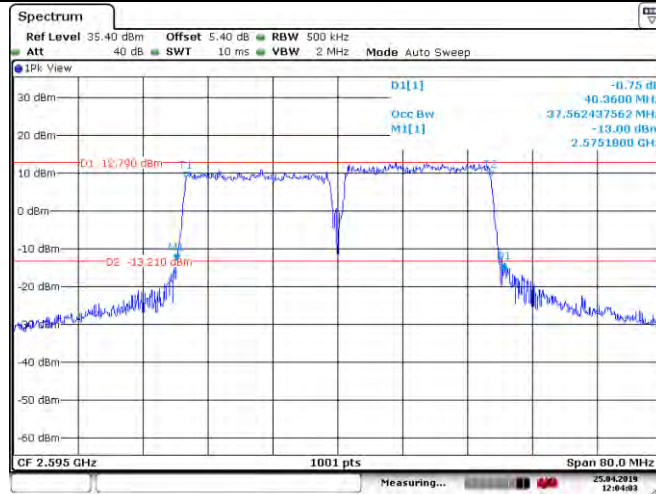
CA\_38C\_64QAM\_100RB+100RB\_38048+37850\_PCC:100RB@0\_SCC:100RB@0



Date: 25.APR.2019 12:01:59

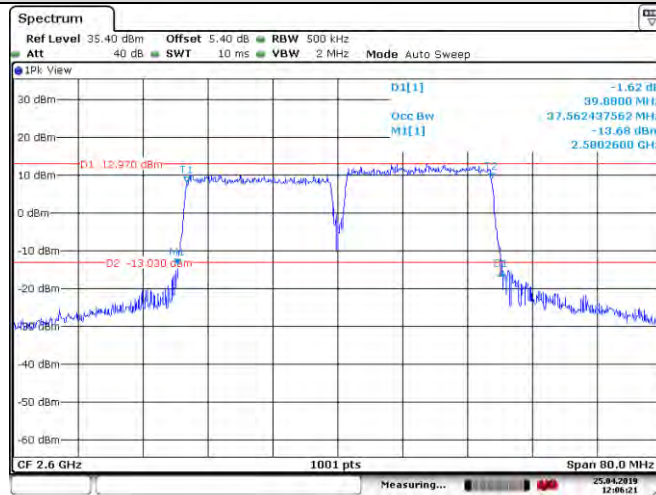
CA\_38C\_64QAM\_100RB+100RB\_38099+37901\_PCC:100RB@0\_SCC:100RB@0





Date: 25.APR 2019 12:04:03

CA\_38C\_64QAM\_100RB+100RB\_38150+37952\_PCC:100RB@0\_SCC:100RB@0



Date: 25.APR 2019 12:06:22

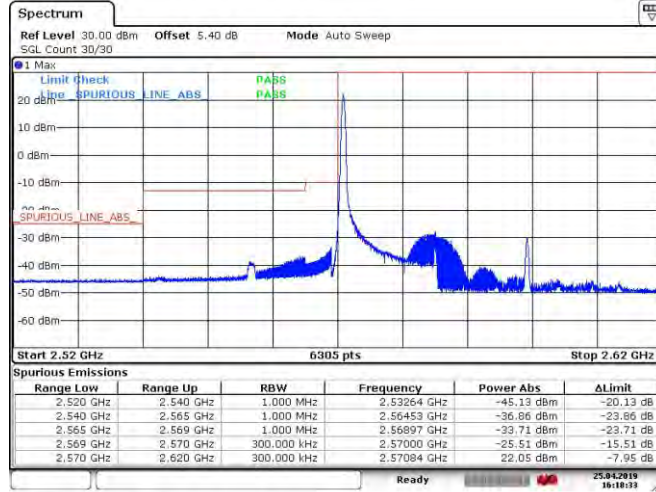


## 5 Band Edges Compliance

### 5.1 For LTE

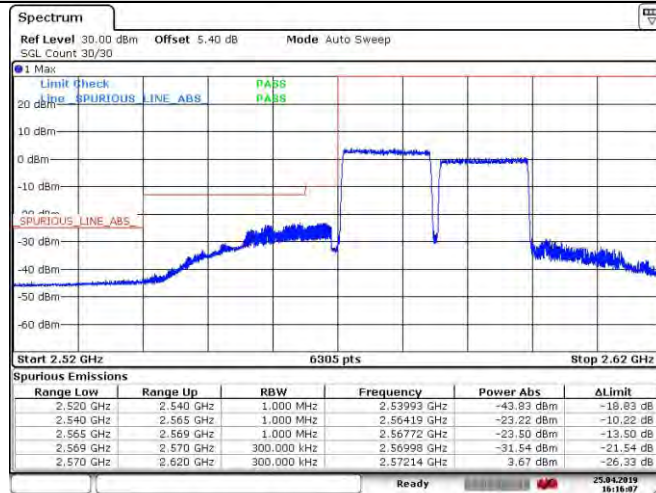
#### 5.1.1 Test Band = LTE Band CA\_38C

CA\_38C\_QPSK\_75RB+75RB\_37825+37975\_PCC:1RB@0\_SCC:0RB@0



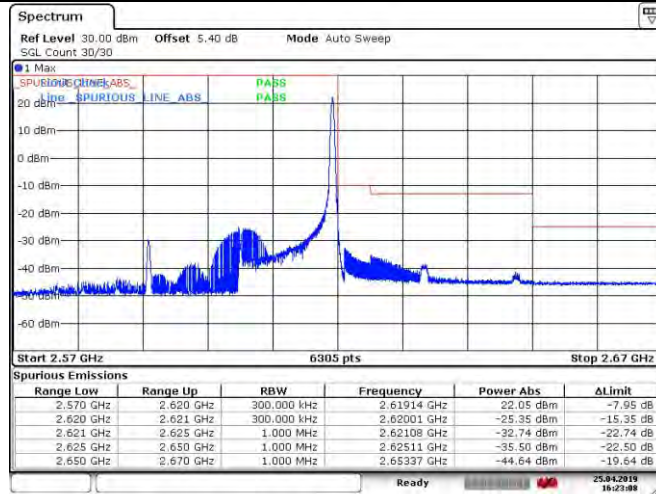
Date: 25 APR 2019 16:18:33

CA\_38C\_QPSK\_75RB+75RB\_37825+37975\_PCC:100RB@0\_SCC:25RB@0



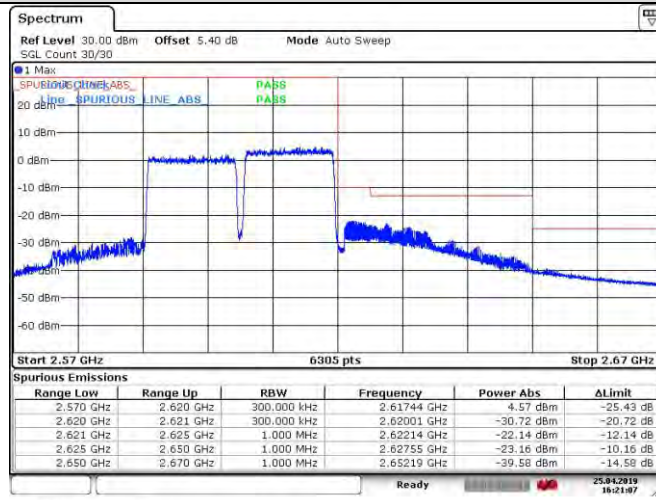
Date: 25 APR 2019 16:16:08

CA\_38C\_QPSK\_75RB+75RB\_38175+38025\_PCC:1RB@24\_SCC:0RB@0



Date: 25 APR 2019 16:23:08

**CA\_38C\_QPSK\_75RB+75RB\_38175+38025\_PCC:25RB@0\_SCC:100RB@0**

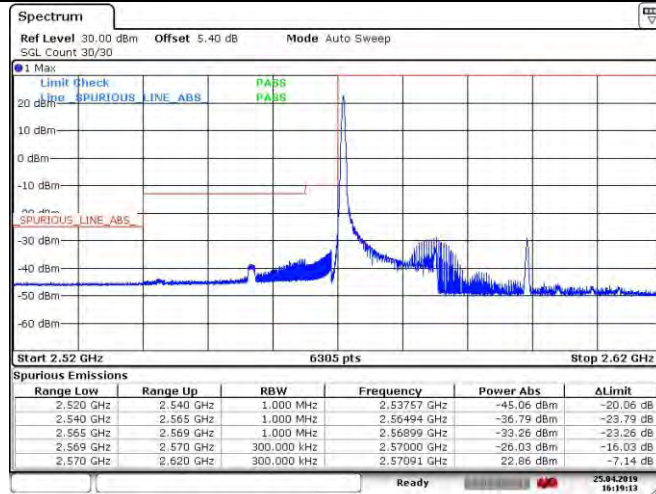


Date: 25 APR 2019 16:21:07

**CA\_38C\_16QAM\_75RB+75RB\_37825+37975\_PCC:1RB@0\_SCC:0RB@0**

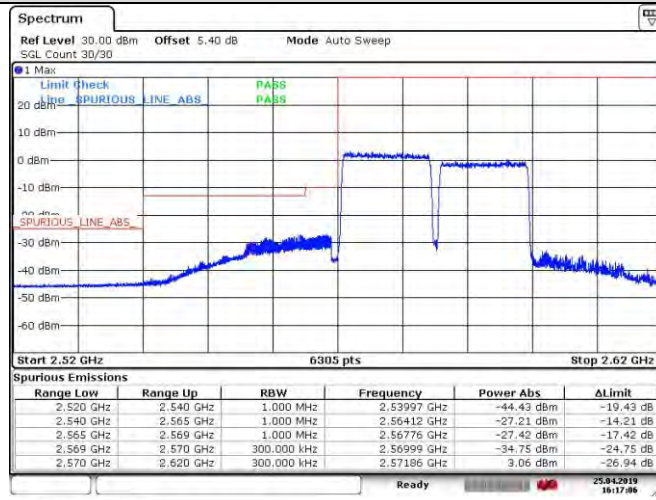






Date: 25 APR 2019 16:19:13

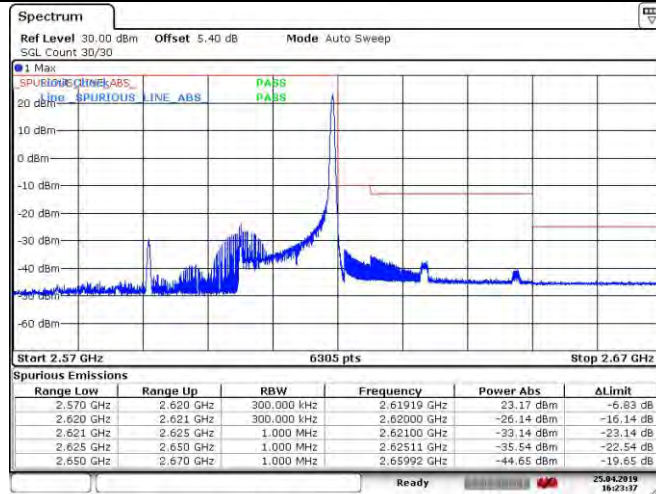
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Date: 25 APR 2019 16:17:07

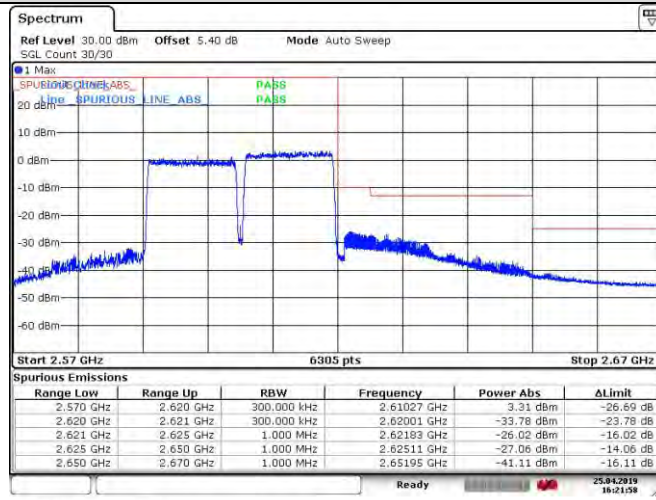
CA\_38C\_16QAM\_75RB+75RB\_38175+38025\_PCC:1RB@24\_SCC:0RB@0





Date: 25 APR 2019 16:23:38

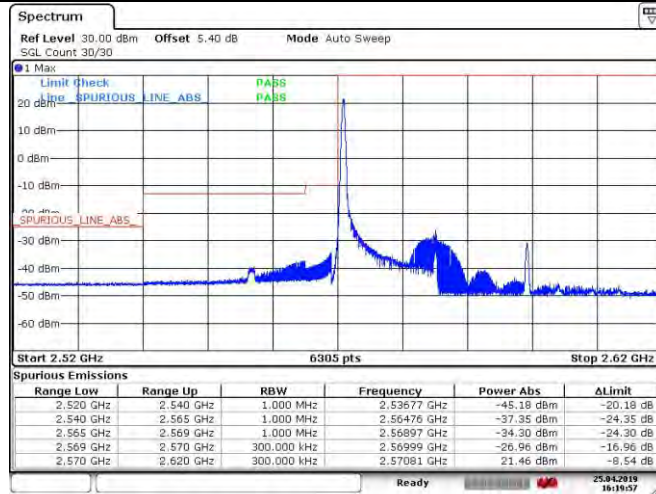
CA\_38C\_16QAM\_75RB+75RB\_38175+38025\_PCC:25RB@0\_SCC:100RB@0



Date: 25 APR 2019 16:21:58

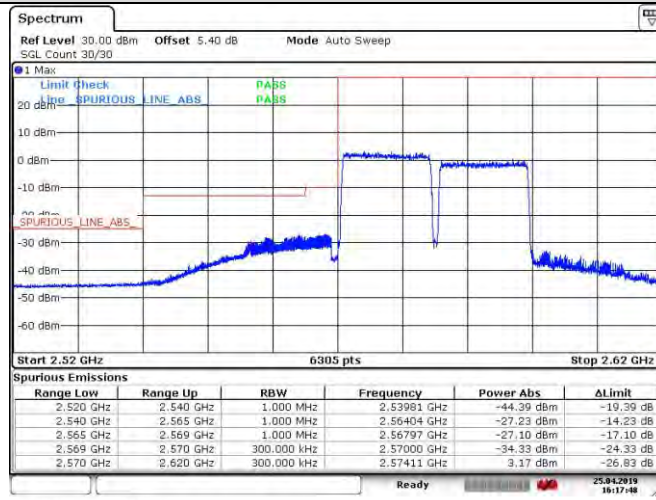
CA\_38C\_64QAM\_75RB+75RB\_37825+37975\_PCC:1RB@0\_SCC:0RB@0





Date: 25 APR 2019 16:19:57

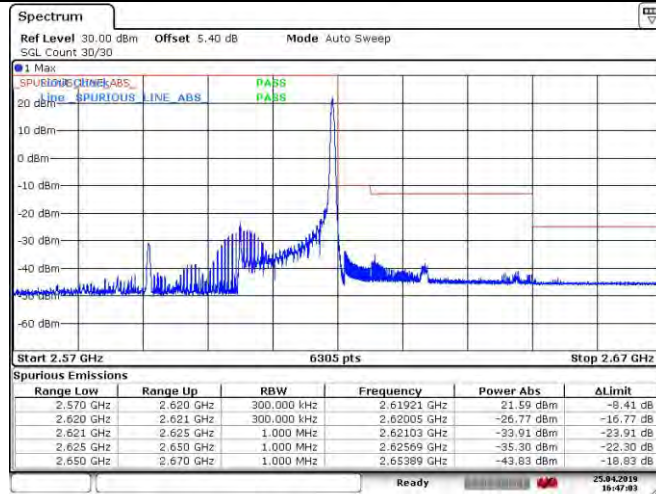
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Date: 25 APR 2019 16:17:48

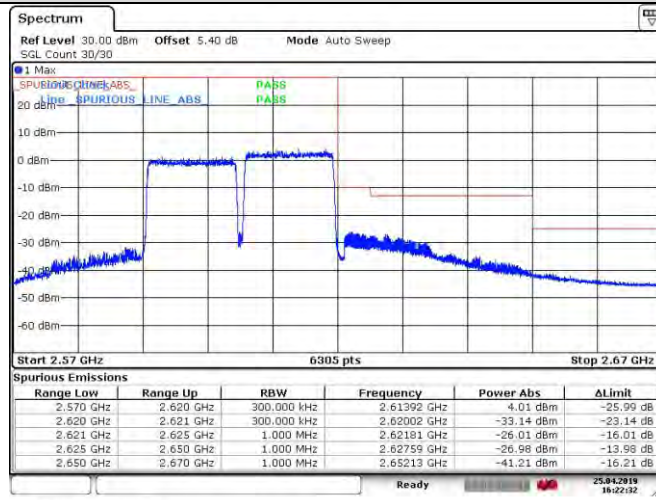
CA\_38C\_64QAM\_75RB+75RB\_38175+38025\_PCC:1RB@24\_SCC:0RB@0





Date: 25 APR 2019 16:47:03

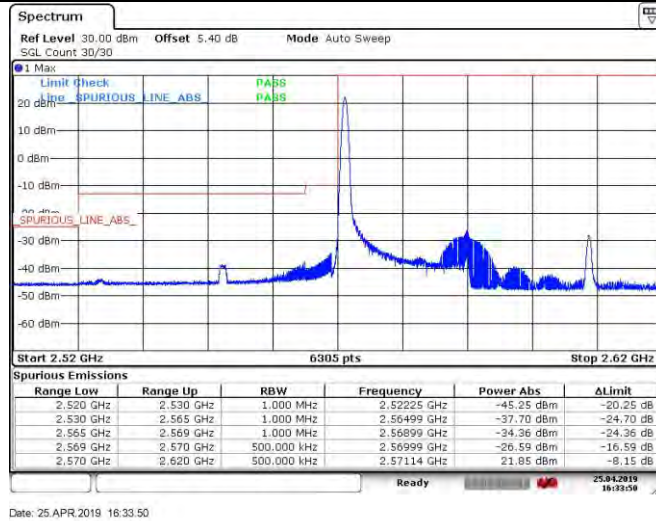
CA\_38C\_64QAM\_75RB+75RB\_38175+38025\_PCC:25RB@0\_SCC:100RB@0



Date: 25 APR 2019 16:22:33

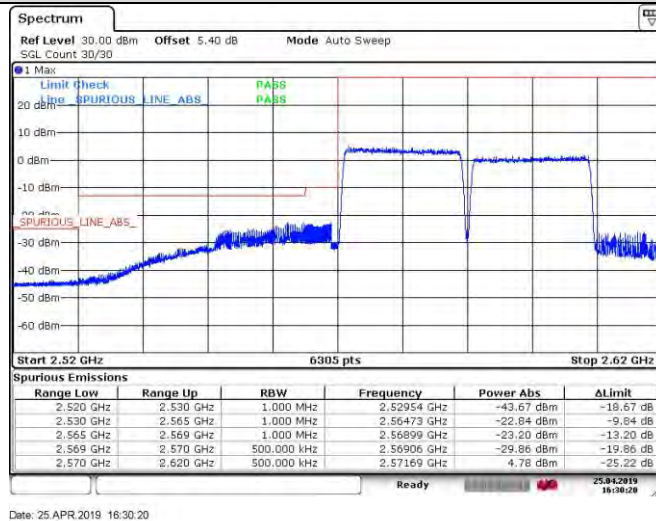
CA\_38C\_QPSK\_100RB+100RB\_37850+38048\_PCC:1RB@0\_SCC:0RB@0





Date: 25 APR 2019 16:33:50

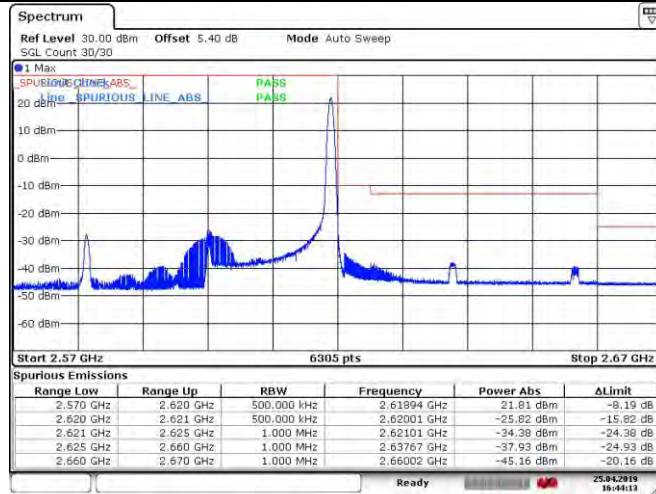
CA\_38C\_QPSK\_100RB+100RB\_37850+38048\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 16:30:20

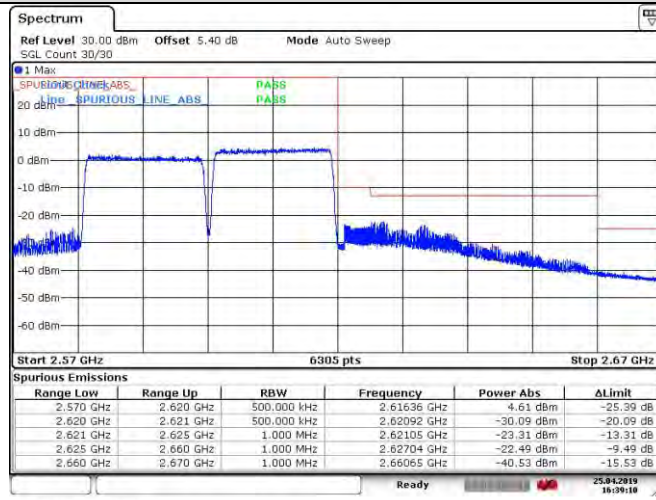
CA\_38C\_QPSK\_100RB+100RB\_38150+37952\_PCC:1RB@99\_SCC:0RB@0





Date: 25 APR 2019 16:44:14

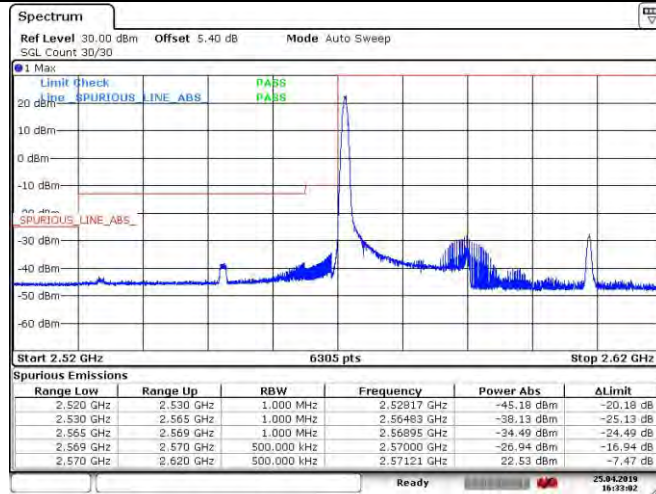
CA\_38C\_QPSK\_100RB+100RB\_38150+37952\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 16:39:11

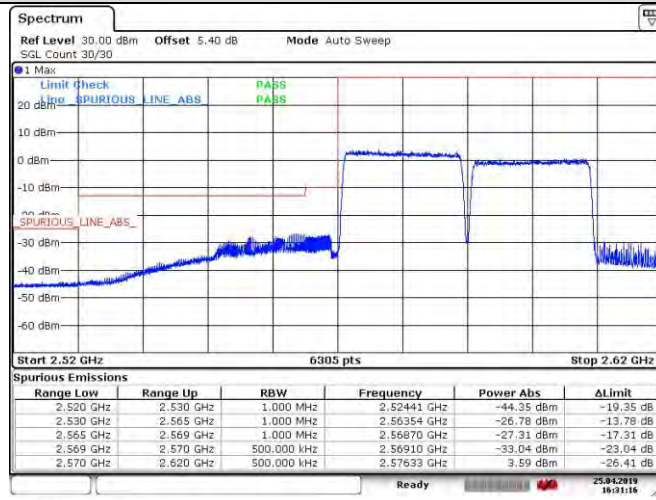
CA\_38C\_16QAM\_100RB+100RB\_37850+38048\_PCC:1RB@0\_SCC:0RB@0





Date: 25 APR 2019 16:33:03

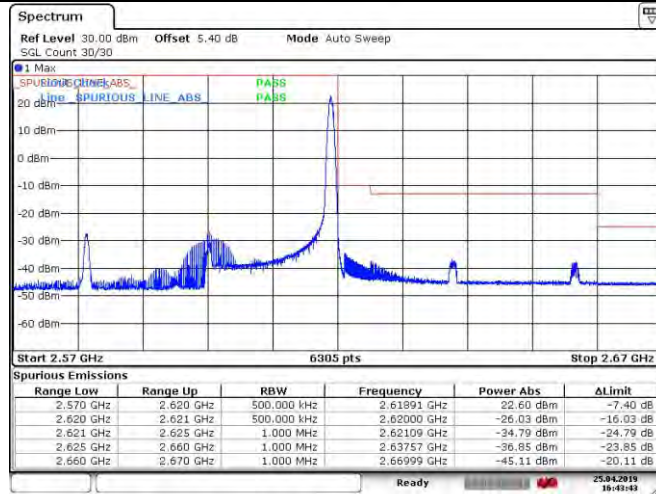
CA\_38C\_16QAM\_100RB+100RB\_37850+38048\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 16:31:16

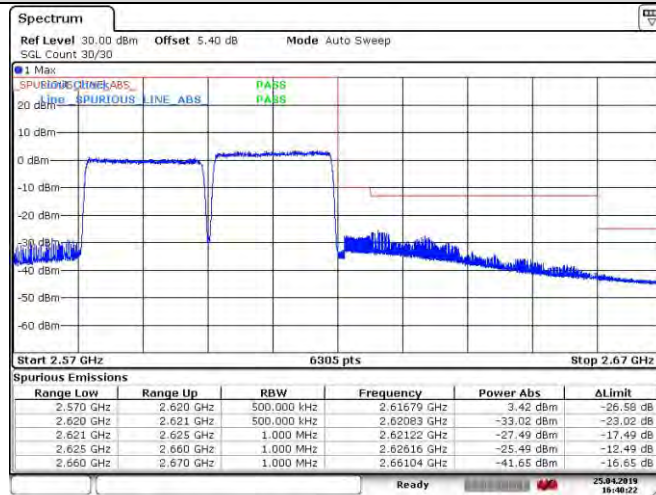
CA\_38C\_16QAM\_100RB+100RB\_38150+37952\_PCC:1RB@99\_SCC:0RB@0





Date: 25 APR 2019 16:43:43

CA\_38C\_16QAM\_100RB+100RB\_38150+37952\_PCC:100RB@0\_SCC:100RB@0

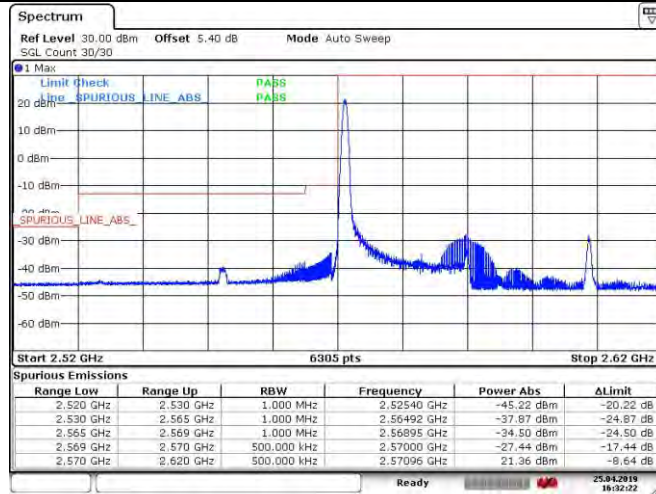


Date: 25 APR 2019 16:40:22

CA\_38C\_64QAM\_100RB+100RB\_37850+38048\_PCC:1RB@0\_SCC:0RB@0

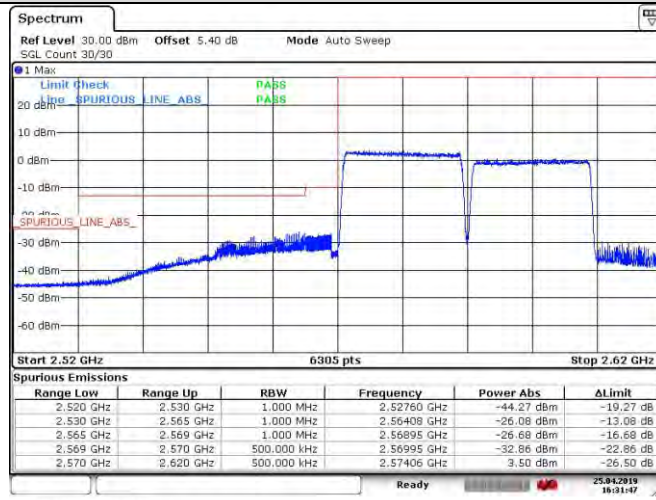






Date: 25 APR 2019 16:32:22

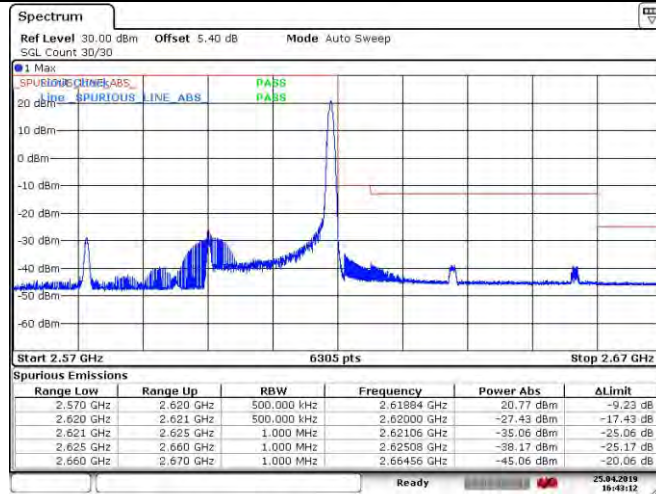
CA\_38C\_64QAM\_100RB+100RB\_37850+38048\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 16:31:47

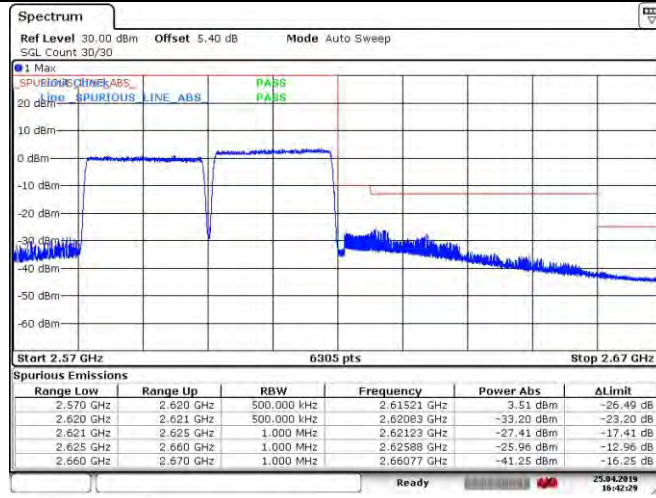
CA\_38C\_64QAM\_100RB+100RB\_38150+37952\_PCC:1RB@99\_SCC:0RB@0





Date: 25 APR 2019 16:43:11

CA\_38C\_64QAM\_100RB+100RB\_38150+37952\_PCC:100RB@0\_SCC:100RB@0



Date: 25 APR 2019 16:42:29





## 6 Spurious Emission at Antenna Terminal

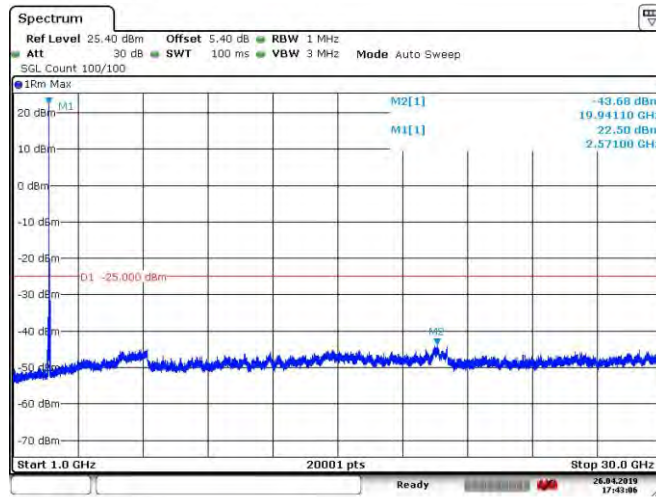
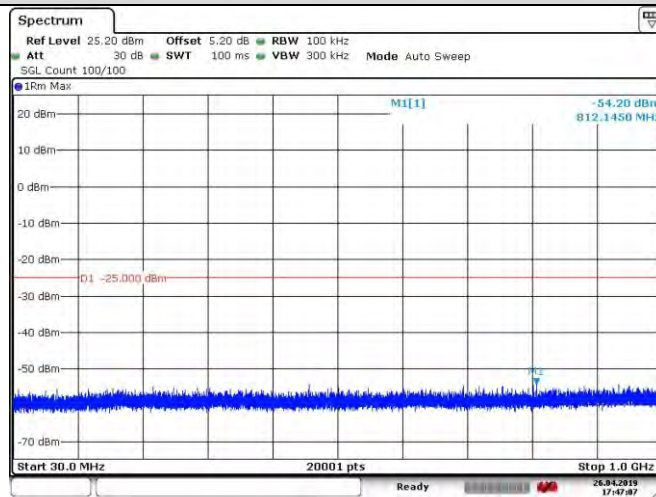
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " 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

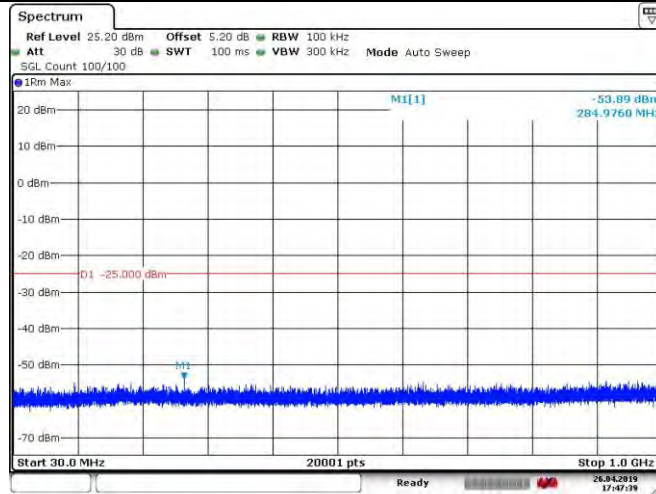
#### 6.1.1 Test Band = LTE Band CA\_38C

CA\_38C\_QPSK\_100RB+100RB\_37850+38048\_PCC:1RB@0\_SCC:0RB@0

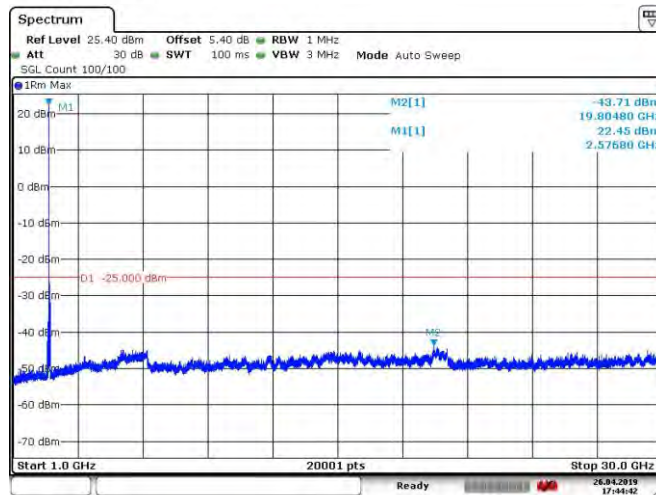


CA\_38C\_QPSK\_100RB+100RB\_37901+38099\_PCC:1RB@0\_SCC:0RB@0



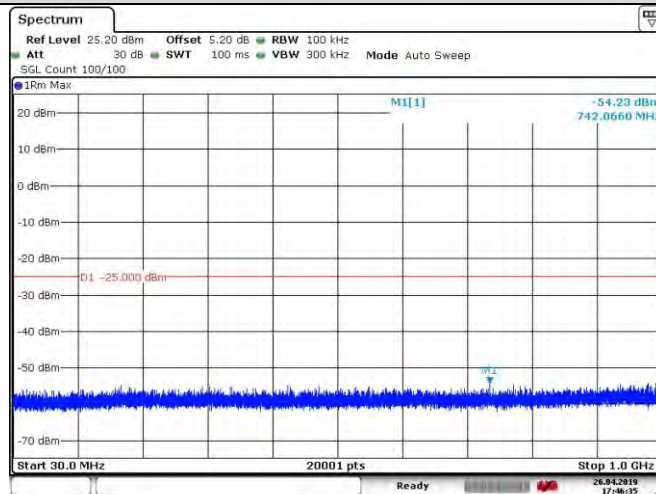


Date: 26 APR 2019 17:47:39



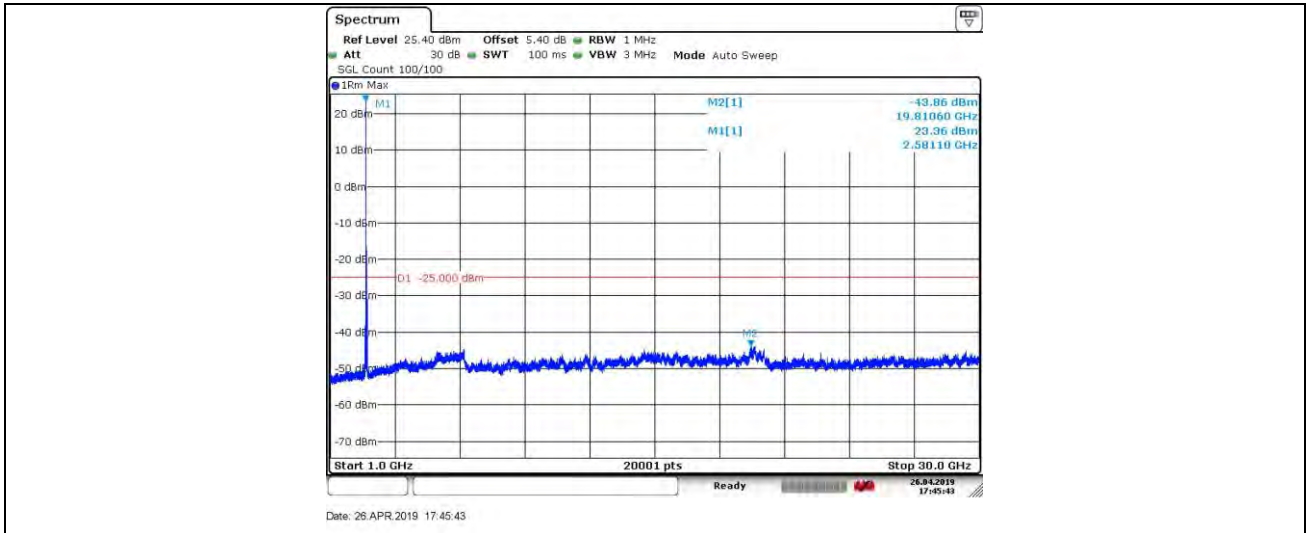
Date: 26 APR 2019 17:44:43

**CA\_38C\_QPSK\_100RB+100RB\_37952+38150\_PCC: 1RB@0\_SCC: 0RB@0**



Date: 26 APR 2019 17:46:35





## 7 Field Strength of Spurious Radiation

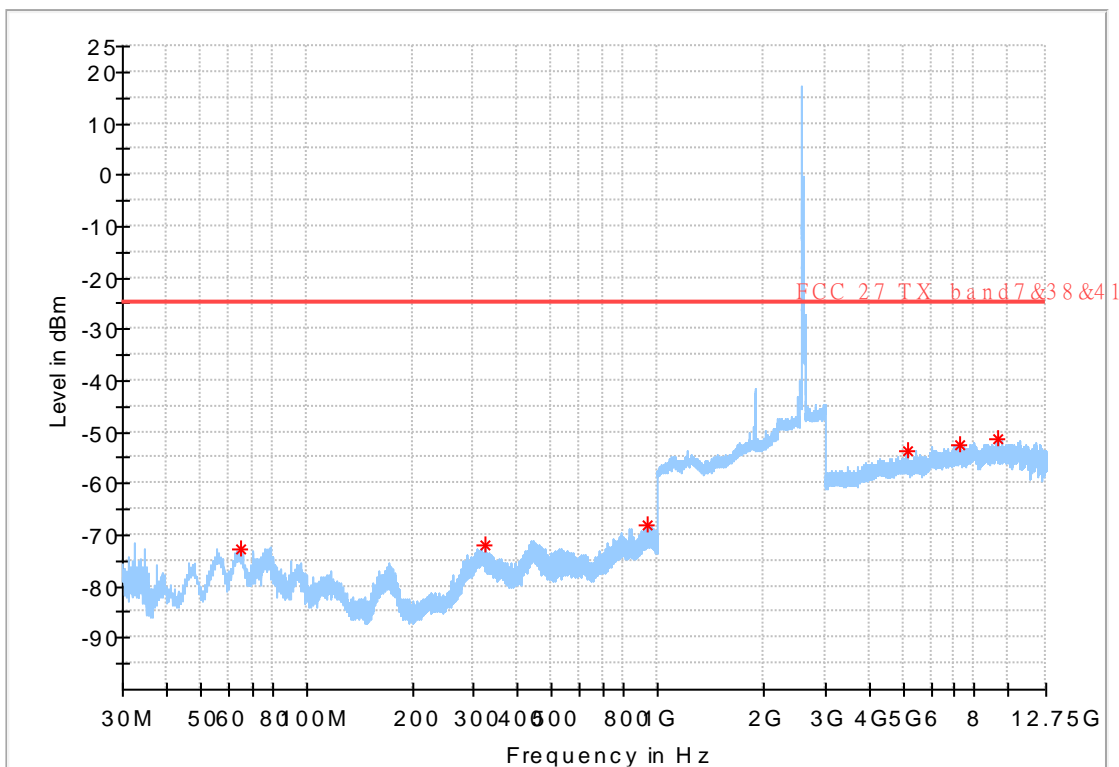
### 7.1 For LTE

7.1.1 Test Band = LTE Band CA\_38C (Down Antenna)

7.1.1.1 Test Mode =LTE/QPSK

7.1.1.1.1 Test Channel = LCH\_Vertical

Full Spectrum

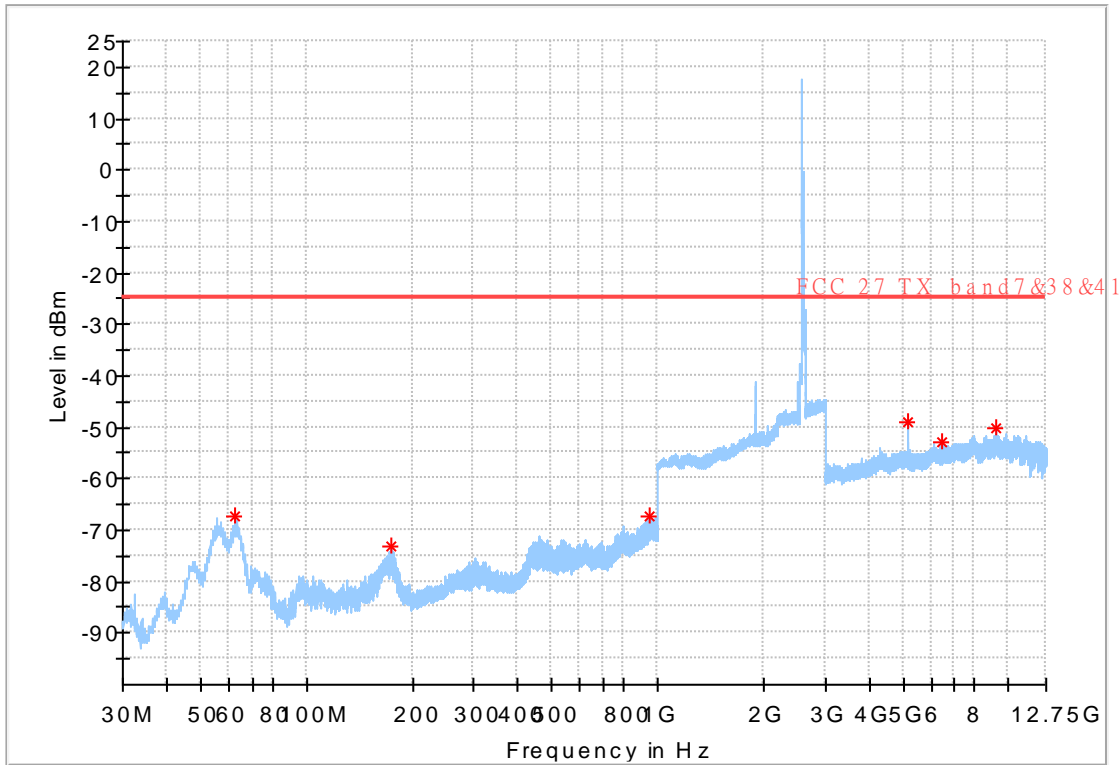


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**7.1.1.1.2 Test Channel = LCH\_Horizontal**

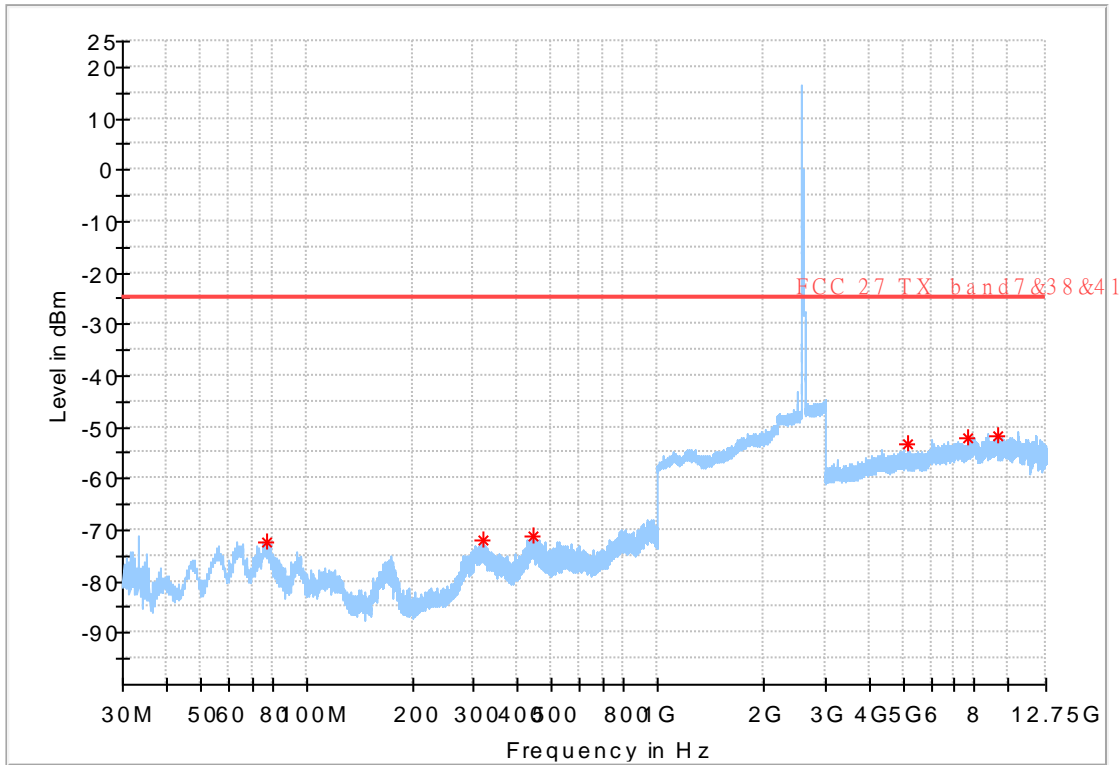
Full Spectrum



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**7.1.1.1.3 Test Channel = MCH\_Verical**

Full Spectrum



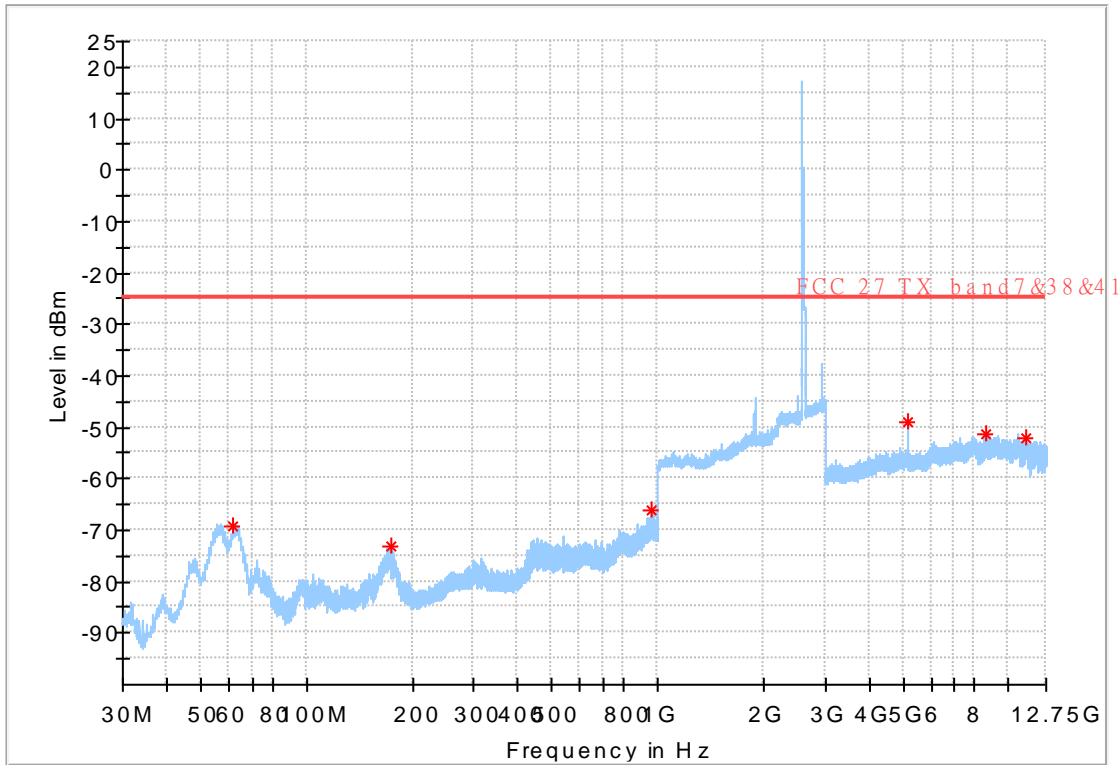
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**7.1.1.1.4 Test Channel = MCH\_Horizontal**

Full Spectrum

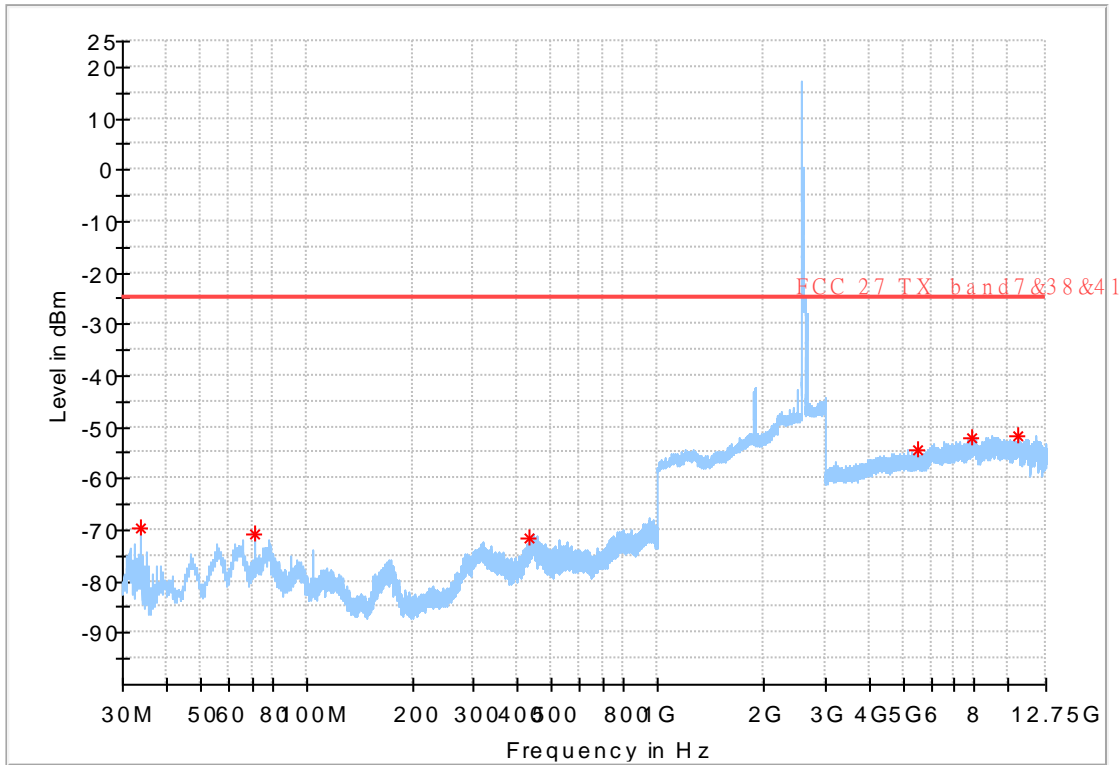


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**7.1.1.1.5 Test Channel = HCH\_Vertical**

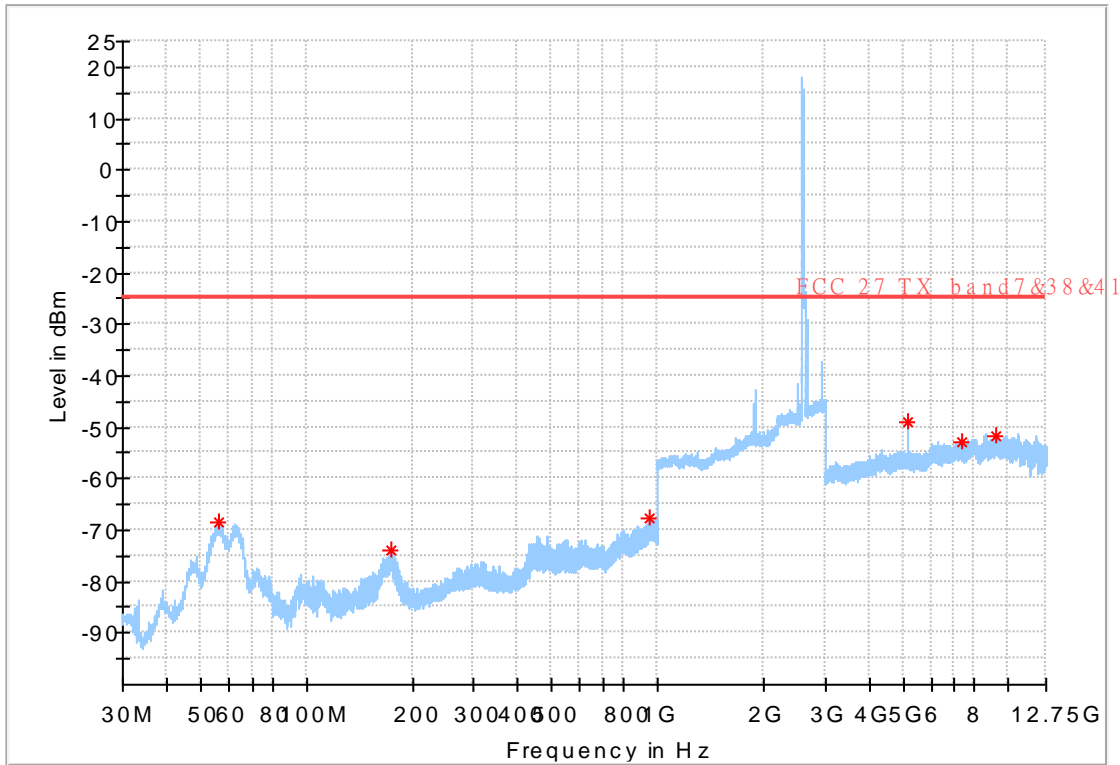
Full Spectrum



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**7.1.1.1.6 Test Channel = HCH\_Horizontal**

Full Spectrum



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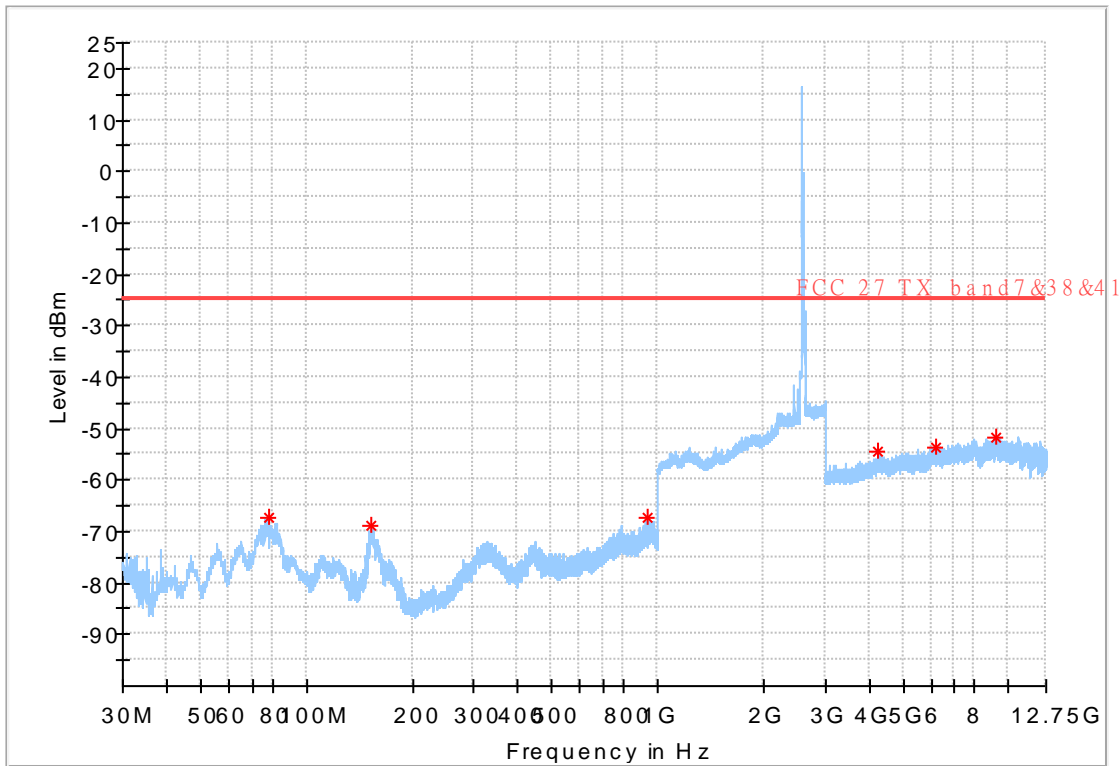
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**7.1.2 Test Band = LTE Band CA\_38C (Up Antenna)**

**7.1.2.1 Test Mode =LTE/QPSK**

**7.1.2.1.1 Test Channel = LCH\_Vertical**

Full Spectrum

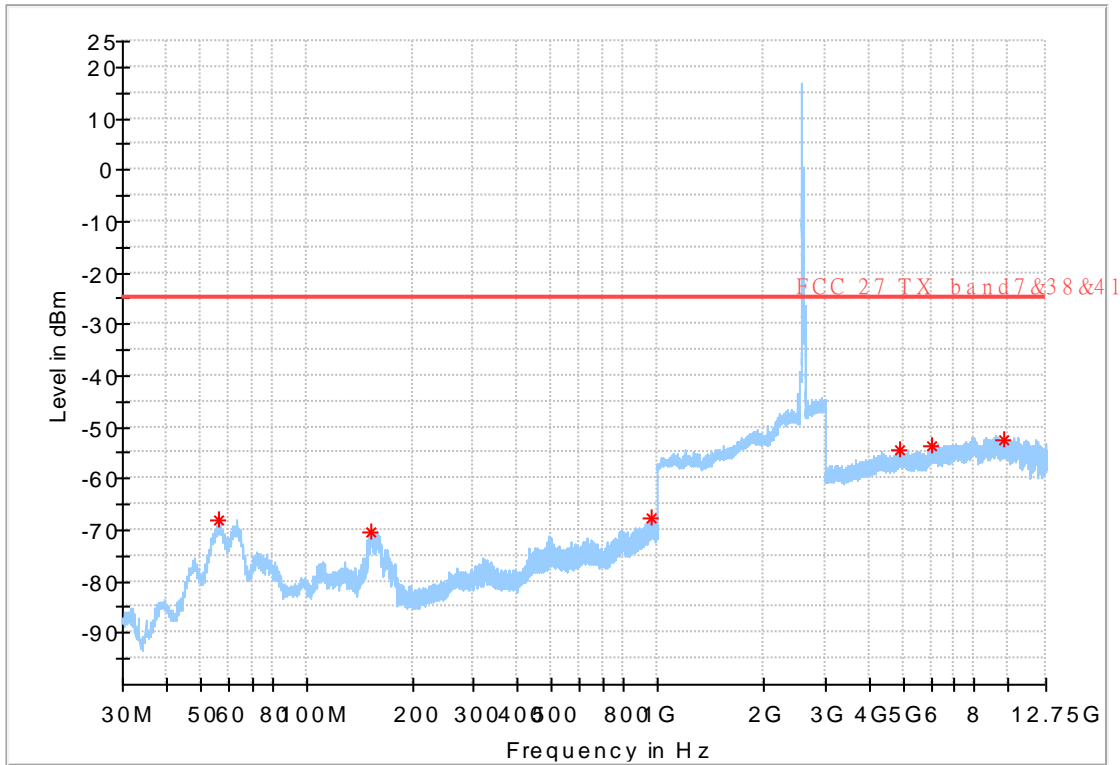


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**7.1.2.1.2 Test Channel = LCH\_Horizontal**

Full Spectrum

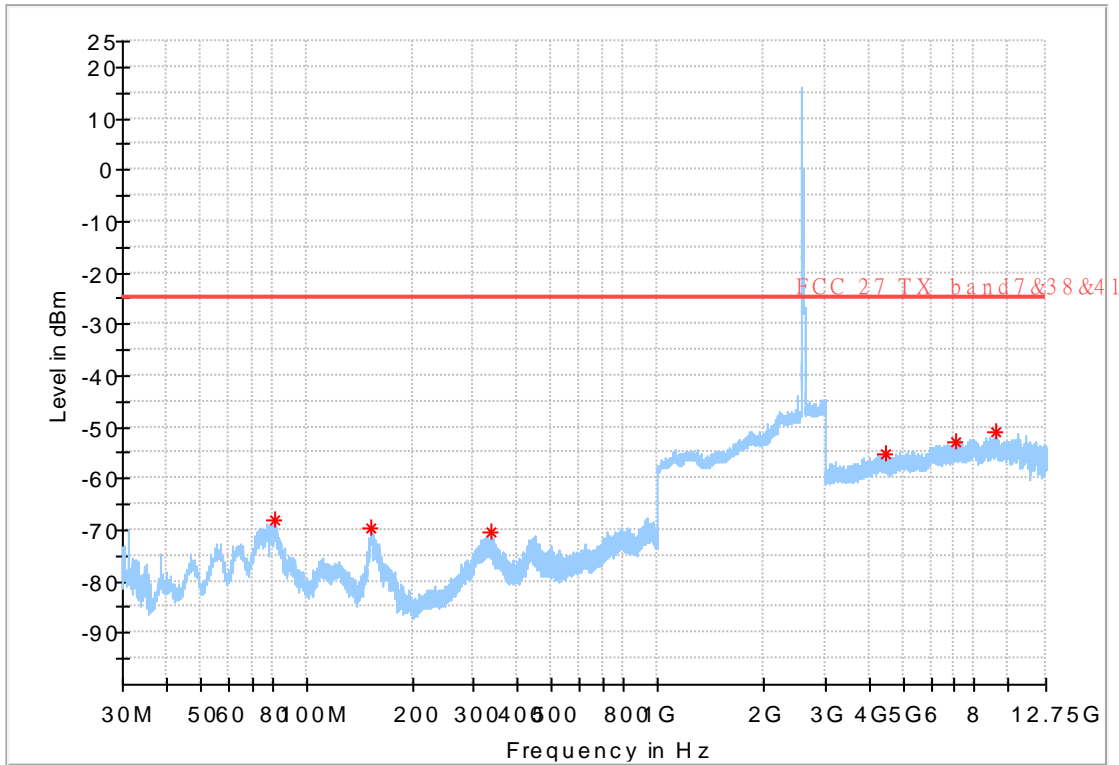


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**7.1.2.1.3 Test Channel = MCH\_Verical**

Full Spectrum

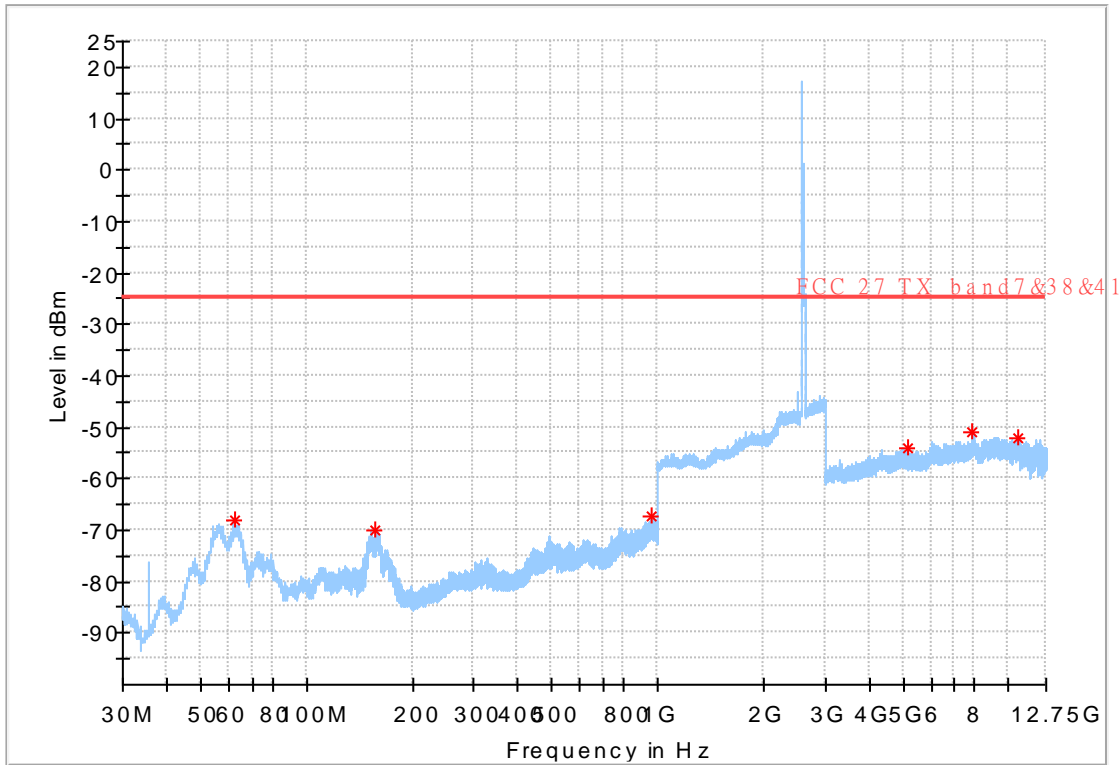


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**7.1.2.1.4 Test Channel = MCH\_Horizontal**

Full Spectrum

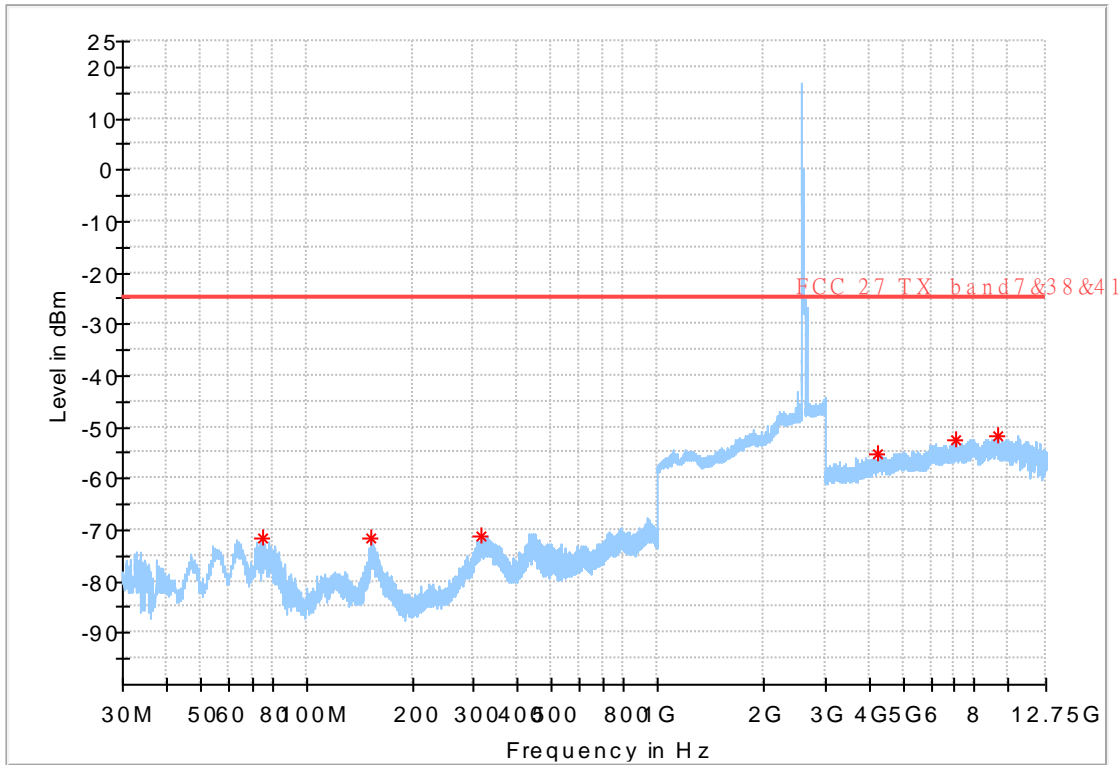


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**7.1.2.1.5 Test Channel = HCH\_Vertical**

Full Spectrum

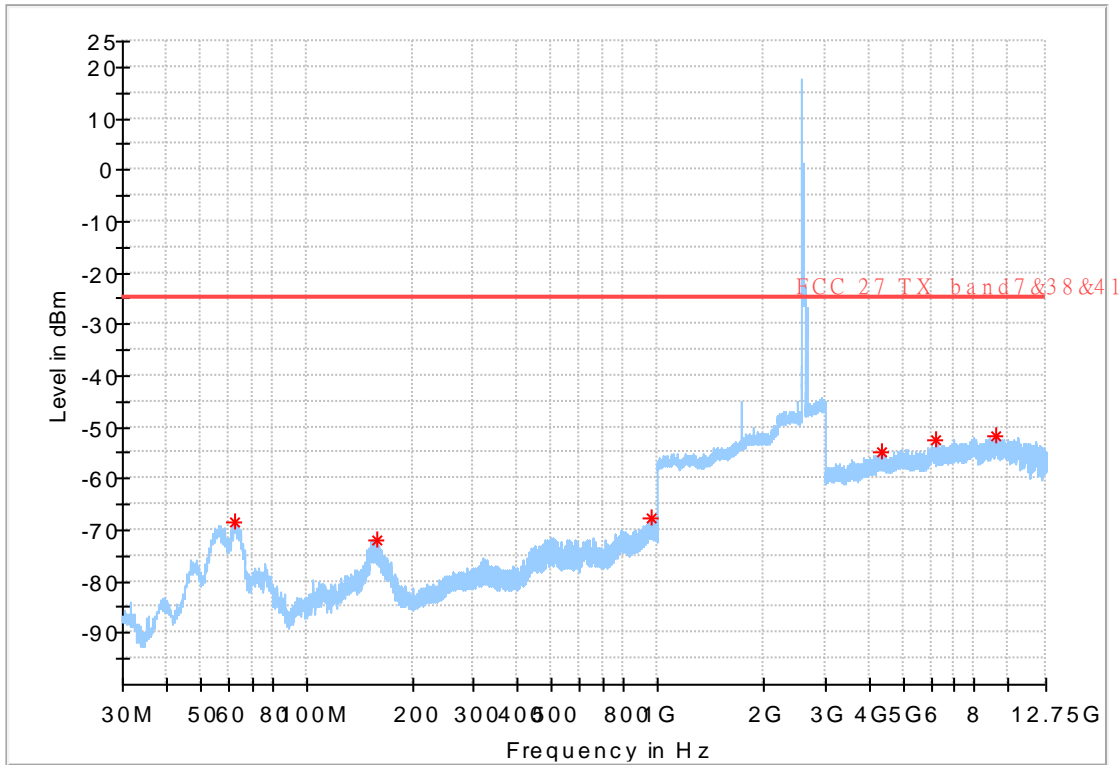


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**7.1.2.1.6 Test Channel = HCH\_Horizontal**

Full Spectrum



**NOTE:**

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all combinations and all modulations, but only the worst case data presented in this report.





## 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_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | TN         | NV         | 4.67             | 0.001865              | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | TN         | NV         | 11.81            | 0.004677              | PASS    |
| CA_38C    | QPSK      | 37952+38150  | 100RB#0/100RB#0 | TN         | NV         | -10.40           | -0.004095             | PASS    |
| CA_38C    | QPSK      | 38048+37850  | 100RB#0/100RB#0 | TN         | NV         | -6.51            | -0.002572             | PASS    |
| CA_38C    | QPSK      | 38048+37850  | 100RB#0/100RB#0 | TN         | NV         | -0.64            | -0.000250             | PASS    |
| CA_38C    | QPSK      | 38150+37952  | 100RB#0/100RB#0 | TN         | NV         | 5.44             | 0.002125              | PASS    |
| CA_38C    | 16QAM     | 37850+38048  | 100RB#0/100RB#0 | TN         | NV         | -1.80            | -0.000719             | PASS    |
| CA_38C    | 16QAM     | 37901+38099  | 100RB#0/100RB#0 | TN         | NV         | 9.73             | 0.003853              | PASS    |
| CA_38C    | 16QAM     | 37952+38150  | 100RB#0/100RB#0 | TN         | NV         | 12.11            | 0.004766              | PASS    |
| CA_38C    | 16QAM     | 38048+37850  | 100RB#0/100RB#0 | TN         | NV         | 8.45             | 0.003340              | PASS    |
| CA_38C    | 16QAM     | 38048+37850  | 100RB#0/100RB#0 | TN         | NV         | -14.22           | -0.005589             | PASS    |
| CA_38C    | 16QAM     | 38150+37952  | 100RB#0/100RB#0 | TN         | NV         | -6.59            | -0.002574             | PASS    |
| CA_38C    | 64QAM     | 37850+38048  | 100RB#0/100RB#0 | TN         | NV         | 14.24            | 0.005682              | PASS    |
| CA_38C    | 64QAM     | 37901+38099  | 100RB#0/100RB#0 | TN         | NV         | 6.03             | 0.002390              | PASS    |
| CA_38C    | 64QAM     | 37952+38150  | 100RB#0/100RB#0 | TN         | NV         | 14.77            | 0.005813              | PASS    |
| CA_38C    | 64QAM     | 38048+37850  | 100RB#0/100RB#0 | TN         | NV         | -9.29            | -0.003672             | PASS    |
| CA_38C    | 64QAM     | 38048+37850  | 100RB#0/100RB#0 | TN         | NV         | -13.85           | -0.005441             | PASS    |
| CA_38C    | 64QAM     | 38150+37952  | 100RB#0/100RB#0 | TN         | NV         | -2.08            | -0.000814             | PASS    |

### 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_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | -30        | 6.33             | 0.002525              | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | -20        | 8.79             | 0.003507              | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | -10        | -0.96            | -0.000383             | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | 0          | 3.71             | 0.001479              | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | 10         | -3.47            | -0.001385             | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | 20         | -4.43            | -0.001767             | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | 30         | -12.23           | -0.004880             | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | 40         | 4.49             | 0.001791              | PASS    |
| CA_38C    | QPSK      | 37850+38048  | 100RB#0/100RB#0 | NV         | 50         | 12.32            | 0.004915              | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | NV         | -30        | 0.33             | 0.000130              | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | NV         | -20        | 3.75             | 0.001485              | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | NV         | -10        | 6.65             | 0.002632              | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | NV         | 0          | 13.27            | 0.005256              | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | NV         | 10         | -1.18            | -0.000466             | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | NV         | 20         | -10.46           | -0.004143             | PASS    |
| CA_38C    | QPSK      | 37901+38099  | 100RB#0/100RB#0 | NV         | 30         | 2.08             | 0.000822              | PASS    |



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|        |       |             |                 |    |     |        |           |      |
|--------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_38C | QPSK  | 37901+38099 | 100RB#0/100RB#0 | NV | 40  | -0.68  | -0.000270 | PASS |
| CA_38C | QPSK  | 37901+38099 | 100RB#0/100RB#0 | NV | 50  | 7.61   | 0.003012  | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | -30 | 11.02  | 0.004339  | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | -20 | 12.15  | 0.004781  | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | -10 | -3.41  | -0.001344 | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | 0   | 9.58   | 0.003771  | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | 10  | 11.12  | 0.004377  | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | 20  | -14.19 | -0.005587 | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | 30  | -11.23 | -0.004421 | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | 40  | -4.54  | -0.001789 | PASS |
| CA_38C | QPSK  | 37952+38150 | 100RB#0/100RB#0 | NV | 50  | 7.17   | 0.002824  | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | -30 | 10.97  | 0.004337  | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | -20 | -14.87 | -0.005879 | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | -10 | -3.32  | -0.001314 | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | 0   | -6.56  | -0.002593 | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | 10  | -6.18  | -0.002442 | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | 20  | -0.28  | -0.000111 | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | 30  | 1.35   | 0.000535  | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | 40  | 6.35   | 0.002511  | PASS |
| CA_38C | QPSK  | 38048+37850 | 100RB#0/100RB#0 | NV | 50  | 14.15  | 0.005593  | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | -30 | 6.65   | 0.002612  | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | -20 | -12.73 | -0.005002 | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | -10 | 1.77   | 0.000695  | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | 0   | 4.20   | 0.001651  | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | 10  | -8.74  | -0.003435 | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | 20  | 7.02   | 0.002760  | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | 30  | -14.82 | -0.005822 | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | 40  | -3.96  | -0.001557 | PASS |
| CA_38C | QPSK  | 38099+37901 | 100RB#0/100RB#0 | NV | 50  | 7.02   | 0.002760  | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | -30 | 11.44  | 0.004468  | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | -20 | 14.15  | 0.005526  | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | -10 | 0.44   | 0.000172  | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | 0   | -1.81  | -0.000708 | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | 10  | 2.68   | 0.001047  | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | 20  | 6.08   | 0.002374  | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | 30  | 2.49   | 0.000972  | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | 40  | -3.63  | -0.001416 | PASS |
| CA_38C | QPSK  | 38150+37952 | 100RB#0/100RB#0 | NV | 50  | -12.58 | -0.004916 | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | -30 | 8.33   | 0.003327  | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | -20 | 4.89   | 0.001952  | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | -10 | -3.37  | -0.001346 | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 0   | 11.85  | 0.004729  | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 10  | 7.74   | 0.003090  | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 20  | 12.25  | 0.004891  | PASS |



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|--------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 30  | -13.30 | -0.005310 | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 40  | -6.29  | -0.002511 | PASS |
| CA_38C | 16QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 50  | -2.20  | -0.000878 | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | -30 | -5.75  | -0.002276 | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | -20 | 6.66   | 0.002637  | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | -10 | -6.62  | -0.002623 | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 0   | 1.76   | 0.000696  | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 10  | -12.70 | -0.005028 | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 20  | -14.23 | -0.005636 | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 30  | -0.71  | -0.000282 | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 40  | 0.20   | 0.000079  | PASS |
| CA_38C | 16QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 50  | -8.22  | -0.003255 | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | -30 | 13.63  | 0.005367  | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | -20 | 7.59   | 0.002989  | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | -10 | -3.44  | -0.001355 | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 0   | 4.67   | 0.001840  | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 10  | -8.07  | -0.003178 | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 20  | -6.33  | -0.002490 | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 30  | -6.58  | -0.002589 | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 40  | 6.62   | 0.002605  | PASS |
| CA_38C | 16QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 50  | -11.08 | -0.004360 | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | -30 | -8.40  | -0.003322 | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | -20 | -4.58  | -0.001810 | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | -10 | 13.13  | 0.005190  | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 0   | -5.28  | -0.002086 | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 10  | 0.77   | 0.000303  | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 20  | -6.13  | -0.002423 | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 30  | 3.24   | 0.001280  | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 40  | -10.72 | -0.004237 | PASS |
| CA_38C | 16QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 50  | -13.66 | -0.005399 | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | -30 | 3.17   | 0.001245  | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | -20 | 2.85   | 0.001118  | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | -10 | -14.61 | -0.005742 | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 0   | -0.88  | -0.000347 | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 10  | -9.80  | -0.003851 | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 20  | -3.49  | -0.001372 | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 30  | -7.69  | -0.003023 | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 40  | -5.06  | -0.001988 | PASS |
| CA_38C | 16QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 50  | 12.17  | 0.004780  | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | -30 | 11.18  | 0.004368  | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | -20 | -7.75  | -0.003029 | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | -10 | -12.71 | -0.004967 | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 0   | 4.00   | 0.001562  | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 10  | 10.91  | 0.004261  | PASS |



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|        |       |             |                 |    |     |        |           |      |
|--------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 20  | 6.66   | 0.002600  | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 30  | -12.55 | -0.004901 | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 40  | 6.84   | 0.002673  | PASS |
| CA_38C | 16QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 50  | 14.06  | 0.005492  | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | -30 | -8.30  | -0.003312 | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | -20 | 14.22  | 0.005674  | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | -10 | -7.08  | -0.002827 | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 0   | 11.44  | 0.004567  | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 10  | -4.49  | -0.001791 | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 20  | 14.57  | 0.005813  | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 30  | 10.26  | 0.004097  | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 40  | 5.86   | 0.002340  | PASS |
| CA_38C | 64QAM | 37850+38048 | 100RB#0/100RB#0 | NV | 50  | -1.78  | -0.000710 | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | -30 | 3.82   | 0.001514  | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | -20 | -11.81 | -0.004677 | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | -10 | -2.35  | -0.000929 | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 0   | -2.90  | -0.001148 | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 10  | 0.72   | 0.000283  | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 20  | -8.23  | -0.003261 | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 30  | -11.30 | -0.004474 | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 40  | -14.26 | -0.005648 | PASS |
| CA_38C | 64QAM | 37901+38099 | 100RB#0/100RB#0 | NV | 50  | -2.96  | -0.001173 | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | -30 | 10.33  | 0.004067  | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | -20 | 12.05  | 0.004744  | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | -10 | -0.38  | -0.000148 | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 0   | 1.49   | 0.000586  | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 10  | 5.67   | 0.002231  | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 20  | 4.27   | 0.001681  | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 30  | 13.79  | 0.005428  | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 40  | -1.48  | -0.000581 | PASS |
| CA_38C | 64QAM | 37952+38150 | 100RB#0/100RB#0 | NV | 50  | 13.51  | 0.005317  | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | -30 | 0.08   | 0.000033  | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | -20 | -7.64  | -0.003019 | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | -10 | -8.77  | -0.003465 | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 0   | -6.57  | -0.002595 | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 10  | 4.74   | 0.001872  | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 20  | -4.25  | -0.001679 | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 30  | 2.30   | 0.000910  | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 40  | 13.18  | 0.005211  | PASS |
| CA_38C | 64QAM | 38048+37850 | 100RB#0/100RB#0 | NV | 50  | -9.97  | -0.003940 | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | -30 | -3.69  | -0.001449 | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | -20 | 11.00  | 0.004321  | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | -10 | 9.07   | 0.003565  | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 0   | -4.65  | -0.001829 | PASS |



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|        |       |             |                 |    |     |        |           |      |
|--------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 10  | 13.45  | 0.005285  | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 20  | 11.57  | 0.004545  | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 30  | 6.05   | 0.002378  | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 40  | -12.06 | -0.004737 | PASS |
| CA_38C | 64QAM | 38099+37901 | 100RB#0/100RB#0 | NV | 50  | -12.01 | -0.004720 | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | -30 | 6.82   | 0.002666  | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | -20 | 5.80   | 0.002264  | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | -10 | -13.08 | -0.005111 | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 0   | -10.15 | -0.003966 | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 10  | 9.02   | 0.003525  | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 20  | 3.49   | 0.001362  | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 30  | 7.12   | 0.002781  | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 40  | -9.84  | -0.003845 | PASS |
| CA_38C | 64QAM | 38150+37952 | 100RB#0/100RB#0 | NV | 50  | -8.92  | -0.003483 | PASS |

The End



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