



# Appendix B

## E-UTRA Band 38



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|        |                                   |            |
|--------|-----------------------------------|------------|
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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result

#### ANT1:

| Band   | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0      | 24.52        | 22.82      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12     | 24.63        | 22.93      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24     | 24.53        | 22.83      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0     | 23.69        | 21.99      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6     | 23.71        | 22.01      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13    | 23.67        | 21.97      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0     | 23.68        | 21.98      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0      | 24.43        | 22.73      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12     | 24.53        | 22.83      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24     | 24.50        | 22.80      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0     | 23.55        | 21.85      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6     | 23.57        | 21.87      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13    | 23.62        | 21.92      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0     | 23.61        | 21.91      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0      | 24.28        | 22.58      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12     | 24.39        | 22.69      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24     | 24.30        | 22.60      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#0     | 23.45        | 21.75      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#6     | 23.52        | 21.82      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#13    | 23.48        | 21.78      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0     | 23.46        | 21.76      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0      | 23.66        | 21.96      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12     | 23.80        | 22.10      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24     | 23.75        | 22.05      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0     | 22.62        | 20.92      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6     | 22.74        | 21.04      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13    | 22.70        | 21.00      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0     | 22.75        | 21.05      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0      | 23.52        | 21.82      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12     | 23.74        | 22.04      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24     | 23.71        | 22.01      | 33.00       | PASS    |



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|        |      |        |       |         |       |       |       |      |
|--------|------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz | 16QAM  | 38000 | 12RB#0  | 22.53 | 20.83 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38000 | 12RB#6  | 22.50 | 20.80 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38000 | 12RB#13 | 22.57 | 20.87 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38000 | 25RB#0  | 22.60 | 20.90 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 1RB#0   | 23.44 | 21.74 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 1RB#12  | 23.56 | 21.86 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 1RB#24  | 23.57 | 21.87 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 12RB#0  | 22.38 | 20.68 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 12RB#6  | 22.52 | 20.82 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 12RB#13 | 22.47 | 20.77 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 25RB#0  | 22.50 | 20.80 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 1RB#0   | 22.36 | 20.66 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 1RB#12  | 22.25 | 20.55 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 1RB#24  | 22.49 | 20.79 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 12RB#0  | 21.42 | 19.72 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 12RB#6  | 21.48 | 19.78 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 12RB#13 | 21.37 | 19.67 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 25RB#0  | 21.42 | 19.72 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 1RB#0   | 22.40 | 20.70 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 1RB#12  | 22.29 | 20.59 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 1RB#24  | 22.26 | 20.56 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 12RB#0  | 21.19 | 19.49 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 12RB#6  | 21.23 | 19.53 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 12RB#13 | 21.20 | 19.50 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 25RB#0  | 21.06 | 19.36 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 1RB#0   | 22.26 | 20.56 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 1RB#12  | 22.31 | 20.61 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 1RB#24  | 22.32 | 20.62 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 12RB#0  | 21.17 | 19.47 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 12RB#6  | 21.32 | 19.62 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 12RB#13 | 21.29 | 19.59 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 25RB#0  | 21.42 | 19.72 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 1RB#0   | 19.25 | 17.55 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 1RB#12  | 19.62 | 17.92 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 1RB#24  | 19.58 | 17.88 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 12RB#0  | 19.41 | 17.71 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 12RB#6  | 19.48 | 17.78 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 12RB#13 | 19.61 | 17.91 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz  | 256QAM | 37775 | 25RB#0  | 19.59 | 17.89 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 1RB#0   | 19.31 | 17.61 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 1RB#12  | 19.67 | 17.97 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 1RB#24  | 19.63 | 17.93 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 12RB#0  | 19.51 | 17.81 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 12RB#6  | 19.56 | 17.86 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 12RB#13 | 19.71 | 18.01 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 25RB#0  | 19.64 | 17.94 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#0   | 19.24 | 17.54 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#12  | 19.54 | 17.84 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#24  | 19.52 | 17.82 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 12RB#0  | 19.41 | 17.71 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 12RB#6  | 19.47 | 17.77 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 12RB#13 | 19.61 | 17.91 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 25RB#0  | 19.56 | 17.86 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#0   | 24.78 | 23.08 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#24  | 24.50 | 22.80 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#49  | 24.67 | 22.97 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 25RB#0  | 23.65 | 21.95 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 25RB#12 | 23.71 | 22.01 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 25RB#25 | 23.69 | 21.99 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 50RB#0  | 23.67 | 21.97 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#0   | 24.51 | 22.81 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#24  | 24.60 | 22.90 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#49  | 24.33 | 22.63 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 25RB#0  | 23.50 | 21.80 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 25RB#12 | 23.53 | 21.83 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 25RB#25 | 23.48 | 21.78 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 50RB#0  | 23.59 | 21.89 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#0   | 24.38 | 22.68 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#24  | 24.42 | 22.72 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#49  | 24.46 | 22.76 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 25RB#0  | 23.52 | 21.82 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 25RB#12 | 23.51 | 21.81 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 25RB#25 | 23.55 | 21.85 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 50RB#0  | 23.45 | 21.75 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#0   | 23.80 | 22.10 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#24  | 23.65 | 21.95 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 23.55 | 21.85 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 22.70 | 21.00 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 22.64 | 20.94 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 22.81 | 21.11 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 22.72 | 21.02 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 23.64 | 21.94 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 23.65 | 21.95 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 23.57 | 21.87 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 22.47 | 20.77 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 22.47 | 20.77 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 22.53 | 20.83 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 22.54 | 20.84 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 23.52 | 21.82 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 23.45 | 21.75 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 23.47 | 21.77 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 22.29 | 20.59 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 22.49 | 20.79 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 22.50 | 20.80 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 22.60 | 20.90 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#0   | 22.37 | 20.67 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#24  | 22.36 | 20.66 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#49  | 22.27 | 20.57 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#0  | 21.10 | 19.40 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#12 | 21.07 | 19.37 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#25 | 21.32 | 19.62 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0  | 21.48 | 19.78 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#0   | 22.44 | 20.74 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#24  | 22.42 | 20.72 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#49  | 22.41 | 20.71 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#0  | 21.27 | 19.57 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#12 | 21.27 | 19.57 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#25 | 21.22 | 19.52 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0  | 21.30 | 19.60 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#0   | 22.27 | 20.57 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#24  | 22.34 | 20.64 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#49  | 22.35 | 20.65 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#0  | 21.36 | 19.66 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#12 | 21.41 | 19.71 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 64QAM  | 38200 | 25RB#25 | 21.15 | 19.45 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 50RB#0  | 21.33 | 19.63 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#0   | 19.24 | 17.54 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#24  | 19.62 | 17.92 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#49  | 19.59 | 17.89 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 25RB#0  | 19.44 | 17.74 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 25RB#12 | 19.50 | 17.80 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 25RB#25 | 19.58 | 17.88 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 50RB#0  | 19.56 | 17.86 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#0   | 19.32 | 17.62 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#24  | 19.64 | 17.94 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#49  | 19.63 | 17.93 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 25RB#0  | 19.48 | 17.78 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 25RB#12 | 19.59 | 17.89 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 25RB#25 | 19.70 | 18.00 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 50RB#0  | 19.65 | 17.95 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#0   | 19.23 | 17.53 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#24  | 19.56 | 17.86 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#49  | 19.56 | 17.86 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 25RB#0  | 19.42 | 17.72 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 25RB#12 | 19.48 | 17.78 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 25RB#25 | 19.64 | 17.94 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 50RB#0  | 19.56 | 17.86 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#0   | 24.52 | 22.82 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#38  | 24.45 | 22.75 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#74  | 24.54 | 22.84 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 38RB#0  | 23.59 | 21.89 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 38RB#18 | 23.71 | 22.01 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 38RB#37 | 23.63 | 21.93 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 75RB#0  | 23.60 | 21.90 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#0   | 24.49 | 22.79 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#38  | 24.48 | 22.78 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#74  | 24.48 | 22.78 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 38RB#0  | 23.61 | 21.91 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 38RB#18 | 23.61 | 21.91 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 38RB#37 | 23.49 | 21.79 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 75RB#0  | 23.59 | 21.89 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 1RB#0   | 24.35 | 22.65 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 24.32 | 22.62 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 24.24 | 22.54 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 23.41 | 21.71 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 23.52 | 21.82 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 23.41 | 21.71 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 23.49 | 21.79 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 23.73 | 22.03 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 23.67 | 21.97 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 23.54 | 21.84 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 22.70 | 21.00 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 22.65 | 20.95 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 22.64 | 20.94 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 22.75 | 21.05 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 23.66 | 21.96 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 23.57 | 21.87 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 23.61 | 21.91 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 22.50 | 20.80 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 22.50 | 20.80 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 22.49 | 20.79 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 22.52 | 20.82 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 23.55 | 21.85 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 23.46 | 21.76 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 23.53 | 21.83 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 22.43 | 20.73 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 22.45 | 20.75 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 22.40 | 20.70 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 22.46 | 20.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0   | 22.38 | 20.68 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38  | 22.33 | 20.63 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74  | 22.48 | 20.78 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0  | 21.46 | 19.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 21.30 | 19.60 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 21.40 | 19.70 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0  | 21.34 | 19.64 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0   | 22.34 | 20.64 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38  | 22.26 | 20.56 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74  | 22.36 | 20.66 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0  | 21.42 | 19.72 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM  | 38000 | 38RB#18 | 21.29 | 19.59 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38000 | 38RB#37 | 21.16 | 19.46 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38000 | 75RB#0  | 21.07 | 19.37 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#0   | 22.33 | 20.63 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#38  | 22.25 | 20.55 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#74  | 22.31 | 20.61 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 38RB#0  | 21.43 | 19.73 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 38RB#18 | 21.32 | 19.62 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 38RB#37 | 21.30 | 19.60 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 75RB#0  | 21.19 | 19.49 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#0   | 19.24 | 17.54 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#38  | 19.62 | 17.92 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#74  | 19.56 | 17.86 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 38RB#0  | 19.41 | 17.71 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 38RB#18 | 19.49 | 17.79 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 38RB#37 | 19.61 | 17.91 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 75RB#0  | 19.55 | 17.85 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#0   | 19.32 | 17.62 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#38  | 19.65 | 17.95 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#74  | 19.59 | 17.89 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 38RB#0  | 19.49 | 17.79 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 38RB#18 | 19.57 | 17.87 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 38RB#37 | 19.7  | 18.00 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 75RB#0  | 19.65 | 17.95 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#0   | 19.21 | 17.51 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#38  | 19.57 | 17.87 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#74  | 19.54 | 17.84 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 38RB#0  | 19.42 | 17.72 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 38RB#18 | 19.46 | 17.76 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 38RB#37 | 19.64 | 17.94 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 75RB#0  | 19.60 | 17.90 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#0   | 24.45 | 22.75 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#49  | 24.48 | 22.78 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#99  | 24.42 | 22.72 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 50RB#0  | 23.65 | 21.95 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 50RB#25 | 23.70 | 22.00 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 50RB#50 | 23.56 | 21.86 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 100RB#0 | 23.67 | 21.97 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 24.41 | 22.71 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 24.41 | 22.71 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 24.39 | 22.69 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 23.60 | 21.90 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 23.59 | 21.89 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 23.50 | 21.80 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 23.65 | 21.95 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 24.31 | 22.61 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 24.32 | 22.62 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 24.26 | 22.56 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 23.52 | 21.82 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 23.44 | 21.74 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 23.51 | 21.81 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 23.38 | 21.68 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 23.82 | 22.12 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 23.67 | 21.97 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 23.60 | 21.90 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 22.72 | 21.02 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 22.57 | 20.87 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 22.70 | 21.00 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 22.73 | 21.03 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 23.76 | 22.06 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 23.57 | 21.87 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 23.58 | 21.88 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 22.52 | 20.82 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 22.59 | 20.89 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 22.49 | 20.79 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 22.45 | 20.75 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 23.59 | 21.89 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 23.53 | 21.83 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 23.49 | 21.79 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 22.44 | 20.74 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 22.49 | 20.79 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 22.57 | 20.87 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 22.46 | 20.76 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0   | 22.29 | 20.59 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49  | 22.34 | 20.64 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99  | 22.34 | 20.64 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 64QAM  | 37850 | 50RB#0  | 21.10 | 19.40 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 50RB#25 | 21.28 | 19.58 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 50RB#50 | 21.19 | 19.49 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | 21.09 | 19.39 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#0   | 22.25 | 20.55 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#49  | 22.28 | 20.58 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#99  | 22.45 | 20.75 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 50RB#0  | 21.35 | 19.65 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 50RB#25 | 21.41 | 19.71 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 50RB#50 | 21.23 | 19.53 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | 21.20 | 19.50 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#0   | 22.30 | 20.60 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#49  | 22.27 | 20.57 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#99  | 22.44 | 20.74 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 50RB#0  | 21.21 | 19.51 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 50RB#25 | 21.06 | 19.36 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 50RB#50 | 21.05 | 19.35 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | 21.47 | 19.77 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#0   | 19.32 | 17.62 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#49  | 19.68 | 17.98 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#99  | 19.64 | 17.94 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 50RB#0  | 19.49 | 17.79 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 50RB#25 | 19.57 | 17.87 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 50RB#50 | 19.66 | 17.96 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | 19.65 | 17.95 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#0   | 19.38 | 17.68 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#49  | 19.73 | 18.03 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#99  | 19.69 | 17.99 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 50RB#0  | 19.57 | 17.87 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 50RB#25 | 19.64 | 17.94 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 50RB#50 | 19.76 | 18.06 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | 19.74 | 18.04 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#0   | 19.29 | 17.59 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#49  | 19.64 | 17.94 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#99  | 19.61 | 17.91 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 50RB#0  | 19.51 | 17.81 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 50RB#25 | 19.54 | 17.84 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 50RB#50 | 19.70 | 18.00 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | 19.65 | 17.95 | 33.00 | PASS |
|--------|-------|--------|-------|---------|-------|-------|-------|------|



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**ANT9:**

| Band   | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0      | 23.66        | 16.06      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12     | 23.67        | 16.07      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24     | 23.58        | 15.98      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0     | 22.83        | 15.23      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6     | 22.84        | 15.24      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13    | 22.75        | 15.15      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0     | 22.81        | 15.21      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0      | 23.55        | 15.95      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12     | 23.59        | 15.99      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24     | 23.56        | 15.96      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0     | 22.67        | 15.07      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6     | 22.78        | 15.18      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13    | 22.74        | 15.14      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0     | 22.72        | 15.12      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0      | 23.69        | 16.09      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12     | 23.84        | 16.24      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24     | 23.77        | 16.17      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#0     | 22.76        | 15.16      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#6     | 22.81        | 15.21      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#13    | 22.79        | 15.19      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0     | 22.74        | 15.14      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0      | 22.80        | 15.20      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12     | 22.83        | 15.23      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24     | 22.81        | 15.21      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0     | 21.77        | 14.17      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6     | 21.77        | 14.17      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13    | 21.78        | 14.18      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0     | 21.81        | 14.21      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0      | 22.63        | 15.03      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12     | 22.76        | 15.16      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24     | 22.77        | 15.17      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#0     | 21.66        | 14.06      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#6     | 21.73        | 14.13      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#13    | 21.69        | 14.09      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0     | 21.72        | 14.12      | 33.00       | PASS    |



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|        |      |        |       |         |       |       |       |      |
|--------|------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz | 16QAM  | 38225 | 1RB#0   | 22.81 | 15.21 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 1RB#12  | 22.90 | 15.30 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 1RB#24  | 22.90 | 15.30 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 12RB#0  | 21.74 | 14.14 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 12RB#6  | 21.78 | 14.18 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 12RB#13 | 21.77 | 14.17 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM  | 38225 | 25RB#0  | 21.77 | 14.17 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 1RB#0   | 21.62 | 14.02 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 1RB#12  | 21.51 | 13.91 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 1RB#24  | 21.67 | 14.07 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 12RB#0  | 20.62 | 13.02 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 12RB#6  | 20.52 | 12.92 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 12RB#13 | 20.61 | 13.01 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 37775 | 25RB#0  | 20.55 | 12.95 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 1RB#0   | 21.69 | 14.09 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 1RB#12  | 21.59 | 13.99 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 1RB#24  | 21.66 | 14.06 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 12RB#0  | 20.64 | 13.04 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 12RB#6  | 20.56 | 12.96 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 12RB#13 | 20.68 | 13.08 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38000 | 25RB#0  | 20.53 | 12.93 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 1RB#0   | 21.61 | 14.01 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 1RB#12  | 21.53 | 13.93 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 1RB#24  | 21.62 | 14.02 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 12RB#0  | 20.67 | 13.07 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 12RB#6  | 20.66 | 13.06 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 12RB#13 | 20.66 | 13.06 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM  | 38225 | 25RB#0  | 20.51 | 12.91 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 1RB#0   | 18.83 | 11.23 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 1RB#12  | 18.82 | 11.22 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 1RB#24  | 18.57 | 10.97 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 12RB#0  | 18.78 | 11.18 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 12RB#6  | 18.9  | 11.30 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 12RB#13 | 18.77 | 11.17 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 37775 | 25RB#0  | 18.84 | 11.24 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 38000 | 1RB#0   | 18.66 | 11.06 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 38000 | 1RB#12  | 18.81 | 11.21 | 33.00 | PASS |
| Band38 | 5MHz | 256QAM | 38000 | 1RB#24  | 18.55 | 10.95 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz  | 256QAM | 38000 | 12RB#0  | 18.78 | 11.18 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 12RB#6  | 18.85 | 11.25 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 12RB#13 | 18.75 | 11.15 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38000 | 25RB#0  | 18.78 | 11.18 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#0   | 18.80 | 11.20 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#12  | 18.76 | 11.16 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 1RB#24  | 18.69 | 11.09 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 12RB#0  | 18.87 | 11.27 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 12RB#6  | 18.85 | 11.25 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 12RB#13 | 18.70 | 11.10 | 33.00 | PASS |
| Band38 | 5MHz  | 256QAM | 38225 | 25RB#0  | 18.78 | 11.18 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#0   | 23.67 | 16.07 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#24  | 23.58 | 15.98 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 1RB#49  | 23.51 | 15.91 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 25RB#0  | 22.80 | 15.20 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 25RB#12 | 22.72 | 15.12 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 25RB#25 | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 37800 | 50RB#0  | 22.73 | 15.13 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#0   | 23.52 | 15.92 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#24  | 23.51 | 15.91 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 1RB#49  | 23.50 | 15.90 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 25RB#0  | 22.66 | 15.06 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 25RB#12 | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 25RB#25 | 22.76 | 15.16 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38000 | 50RB#0  | 22.72 | 15.12 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#0   | 23.61 | 16.01 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#24  | 23.60 | 16.00 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 1RB#49  | 23.59 | 15.99 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 25RB#0  | 22.73 | 15.13 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 25RB#12 | 22.81 | 15.21 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 25RB#25 | 22.86 | 15.26 | 33.00 | PASS |
| Band38 | 10MHz | QPSK   | 38200 | 50RB#0  | 22.79 | 15.19 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#0   | 22.78 | 15.18 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#24  | 22.75 | 15.15 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 1RB#49  | 22.73 | 15.13 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 25RB#0  | 21.76 | 14.16 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 25RB#12 | 21.70 | 14.10 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 37800 | 25RB#25 | 21.75 | 14.15 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 16QAM  | 37800 | 50RB#0  | 21.86 | 14.26 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 1RB#0   | 22.71 | 15.11 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 1RB#24  | 22.69 | 15.09 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 1RB#49  | 22.78 | 15.18 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 25RB#0  | 21.65 | 14.05 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 25RB#12 | 21.70 | 14.10 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 25RB#25 | 21.74 | 14.14 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38000 | 50RB#0  | 21.81 | 14.21 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 1RB#0   | 22.83 | 15.23 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 1RB#24  | 22.76 | 15.16 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 1RB#49  | 22.87 | 15.27 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 25RB#0  | 21.69 | 14.09 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 25RB#12 | 21.84 | 14.24 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 25RB#25 | 21.74 | 14.14 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM  | 38200 | 50RB#0  | 21.85 | 14.25 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 1RB#0   | 21.56 | 13.96 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 1RB#24  | 21.51 | 13.91 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 1RB#49  | 21.69 | 14.09 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 25RB#0  | 20.58 | 12.98 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 25RB#12 | 20.53 | 12.93 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 25RB#25 | 20.70 | 13.10 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 37800 | 50RB#0  | 20.69 | 13.09 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 1RB#0   | 21.67 | 14.07 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 1RB#24  | 21.62 | 14.02 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 1RB#49  | 21.66 | 14.06 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 25RB#0  | 20.55 | 12.95 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 25RB#12 | 20.62 | 13.02 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 25RB#25 | 20.61 | 13.01 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38000 | 50RB#0  | 20.68 | 13.08 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 1RB#0   | 21.70 | 14.10 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 1RB#24  | 21.54 | 13.94 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 1RB#49  | 21.57 | 13.97 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 25RB#0  | 20.68 | 13.08 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 25RB#12 | 20.55 | 12.95 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 25RB#25 | 20.59 | 12.99 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM  | 38200 | 50RB#0  | 20.56 | 12.96 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#0   | 18.96 | 11.36 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 1RB#24  | 18.59 | 10.99 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 256QAM | 37800 | 1RB#49  | 18.62 | 11.02 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 25RB#0  | 18.74 | 11.14 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 25RB#12 | 18.64 | 11.04 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 25RB#25 | 18.67 | 11.07 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 37800 | 50RB#0  | 18.79 | 11.19 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#0   | 18.83 | 11.23 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#24  | 18.67 | 11.07 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 1RB#49  | 18.71 | 11.11 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 25RB#0  | 18.82 | 11.22 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 25RB#12 | 18.80 | 11.20 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 25RB#25 | 18.76 | 11.16 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38000 | 50RB#0  | 18.78 | 11.18 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#0   | 18.74 | 11.14 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#24  | 18.95 | 11.35 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 1RB#49  | 18.46 | 10.86 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 25RB#0  | 18.86 | 11.26 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 25RB#12 | 18.87 | 11.27 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 25RB#25 | 18.97 | 11.37 | 33.00 | PASS |
| Band38 | 10MHz | 256QAM | 38200 | 50RB#0  | 18.82 | 11.22 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#0   | 23.67 | 16.07 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#38  | 23.58 | 15.98 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 1RB#74  | 23.51 | 15.91 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 38RB#0  | 22.80 | 15.20 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 38RB#18 | 22.72 | 15.12 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 38RB#37 | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 37825 | 75RB#0  | 22.73 | 15.13 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#0   | 23.52 | 15.92 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#38  | 23.51 | 15.91 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 1RB#74  | 23.50 | 15.90 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 38RB#0  | 22.66 | 15.06 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 38RB#18 | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 38RB#37 | 22.76 | 15.16 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38000 | 75RB#0  | 22.72 | 15.12 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 1RB#0   | 23.61 | 16.01 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 1RB#38  | 23.60 | 16.00 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 1RB#74  | 23.59 | 15.99 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 38RB#0  | 22.73 | 15.13 | 33.00 | PASS |
| Band38 | 15MHz | QPSK   | 38175 | 38RB#18 | 22.81 | 15.21 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 22.86 | 15.26 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 22.79 | 15.19 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 22.78 | 15.18 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 22.75 | 15.15 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 22.73 | 15.13 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.76 | 14.16 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.70 | 14.10 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.75 | 14.15 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 21.86 | 14.26 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 22.71 | 15.11 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 22.69 | 15.09 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 22.78 | 15.18 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 21.65 | 14.05 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.70 | 14.10 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.74 | 14.14 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 21.81 | 14.21 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 22.83 | 15.23 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 22.76 | 15.16 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 22.87 | 15.27 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 21.69 | 14.09 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.84 | 14.24 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.74 | 14.14 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 21.85 | 14.25 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0   | 21.57 | 13.97 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38  | 21.53 | 13.93 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74  | 21.54 | 13.94 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0  | 20.54 | 12.94 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 20.59 | 12.99 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 20.68 | 13.08 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0  | 20.65 | 13.05 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0   | 21.54 | 13.94 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38  | 21.59 | 13.99 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74  | 21.56 | 13.96 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0  | 20.54 | 12.94 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#18 | 20.56 | 12.96 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#37 | 20.55 | 12.95 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0  | 20.58 | 12.98 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#0   | 21.70 | 14.10 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#38  | 21.66 | 14.06 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 1RB#74  | 21.59 | 13.99 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 38RB#0  | 20.53 | 12.93 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 38RB#18 | 20.67 | 13.07 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 38RB#37 | 20.51 | 12.91 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM  | 38175 | 75RB#0  | 20.52 | 12.92 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#0   | 18.68 | 11.08 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#38  | 18.55 | 10.95 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 1RB#74  | 18.34 | 10.74 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 38RB#0  | 18.89 | 11.29 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 38RB#18 | 18.66 | 11.06 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 38RB#37 | 18.48 | 10.88 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 37825 | 75RB#0  | 18.62 | 11.02 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#0   | 18.89 | 11.29 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#38  | 18.71 | 11.11 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 1RB#74  | 18.59 | 10.99 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 38RB#0  | 18.84 | 11.24 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 38RB#18 | 18.86 | 11.26 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 38RB#37 | 18.68 | 11.08 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38000 | 75RB#0  | 18.77 | 11.17 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#0   | 18.94 | 11.34 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#38  | 18.66 | 11.06 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 1RB#74  | 18.63 | 11.03 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 38RB#0  | 18.86 | 11.26 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 38RB#18 | 18.70 | 11.10 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 38RB#37 | 18.91 | 11.31 | 33.00 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 75RB#0  | 18.89 | 11.29 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#0   | 23.71 | 16.11 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#49  | 23.56 | 15.96 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 1RB#99  | 23.62 | 16.02 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 50RB#0  | 22.80 | 15.20 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 50RB#25 | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 50RB#50 | 22.70 | 15.10 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 100RB#0 | 22.73 | 15.13 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 1RB#0   | 23.75 | 16.15 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 1RB#49  | 23.45 | 15.85 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 1RB#99  | 23.53 | 15.93 | 33.00 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 50RB#0  | 22.66 | 15.06 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 22.81 | 15.21 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 22.79 | 15.19 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 22.75 | 15.15 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 23.67 | 16.07 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 23.72 | 16.12 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 23.72 | 16.12 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 22.75 | 15.15 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 22.81 | 15.21 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 22.92 | 15.32 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 22.70 | 15.10 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 22.66 | 15.06 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 21.81 | 14.21 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 21.76 | 14.16 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 21.68 | 14.08 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 21.84 | 14.24 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 22.74 | 15.14 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 22.72 | 15.12 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 22.64 | 15.04 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 21.73 | 14.13 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 21.76 | 14.16 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 21.78 | 14.18 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 21.77 | 14.17 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 22.68 | 15.08 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 22.77 | 15.17 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 22.75 | 15.15 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 21.82 | 14.22 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 21.83 | 14.23 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 21.74 | 14.14 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 21.83 | 14.23 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0   | 21.71 | 14.11 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49  | 21.68 | 14.08 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99  | 21.57 | 13.97 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#0  | 20.56 | 12.96 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#25 | 20.68 | 13.08 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#50 | 20.52 | 12.92 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 20.54 | 12.94 | 33.00 | PASS |



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|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#0   | 21.55 | 13.95 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#49  | 21.58 | 13.98 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 1RB#99  | 21.71 | 14.11 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 50RB#0  | 20.52 | 12.92 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 50RB#25 | 20.54 | 12.94 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 50RB#50 | 20.52 | 12.92 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | 20.66 | 13.06 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#0   | 21.68 | 14.08 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#49  | 21.54 | 13.94 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 1RB#99  | 21.62 | 14.02 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 50RB#0  | 20.61 | 13.01 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 50RB#25 | 20.69 | 13.09 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 50RB#50 | 20.53 | 12.93 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | 20.68 | 13.08 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#0   | 18.95 | 11.35 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#49  | 18.94 | 11.34 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 1RB#99  | 19.1  | 11.50 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 50RB#0  | 18.94 | 11.34 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 50RB#25 | 18.94 | 11.34 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 50RB#50 | 18.42 | 10.82 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | 18.68 | 11.08 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#0   | 18.74 | 11.14 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#49  | 19    | 11.40 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 1RB#99  | 18.84 | 11.24 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 50RB#0  | 18.96 | 11.36 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 50RB#25 | 18.94 | 11.34 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 50RB#50 | 18.73 | 11.13 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | 18.76 | 11.16 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#0   | 18.93 | 11.33 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#49  | 19.03 | 11.43 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 1RB#99  | 18.65 | 11.05 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 50RB#0  | 18.95 | 11.35 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 50RB#25 | 19.02 | 11.42 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 50RB#50 | 18.95 | 11.35 | 33.00 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | 18.87 | 11.27 | 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]



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

The conducted Power is measured by Base Station Simulator



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

### 2.1. Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 8.38       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 7.13       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 7.13       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0          | 7.39       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0          | 9.80       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0          | 9.80       | 13        | PASS    |
| Band38 | 20MHz     | 256QAM     | 37850   | 100RB#0          | 6.58       | 13        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38000   | 100RB#0          | 9.91       | 13        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38150   | 100RB#0          | 9.88       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 9.39       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 7.91       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 7.88       | 13        | PASS    |



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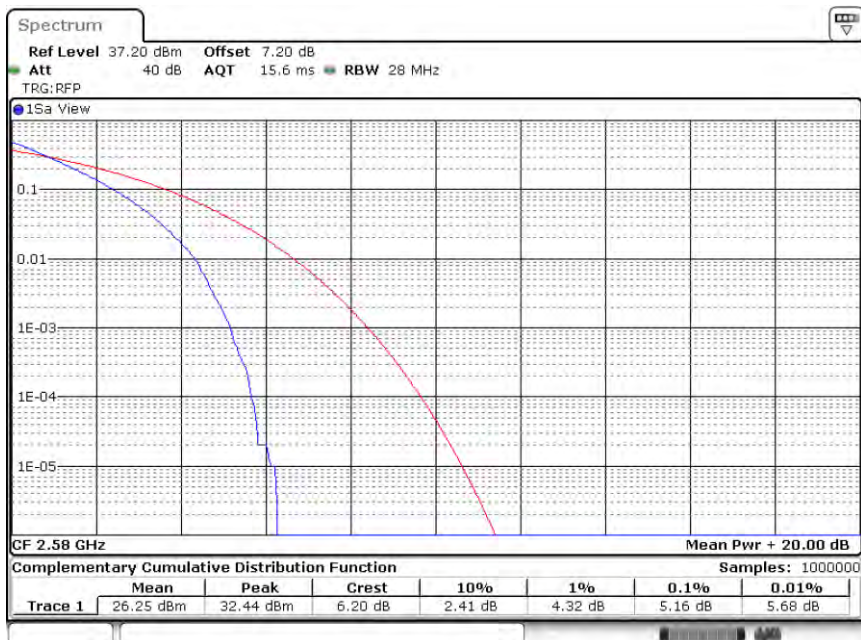
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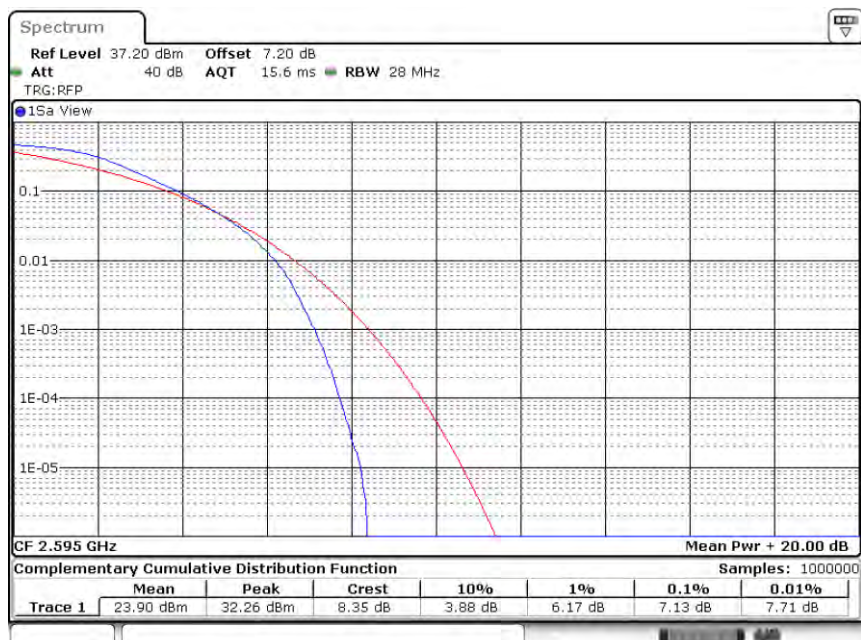
## 2.2. Test Plots

Band38-20MHz-QPSK-37850-100RB#0



Date: 5.FEB.2021 17:23:24

Band38-20MHz-QPSK-38000-100RB#0



Date: 5.FEB.2021 17:23:47



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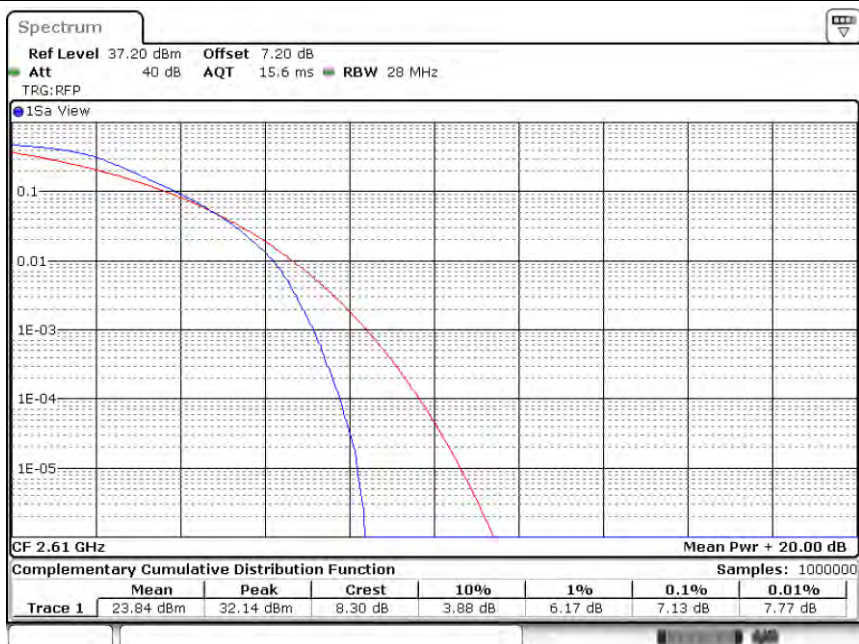
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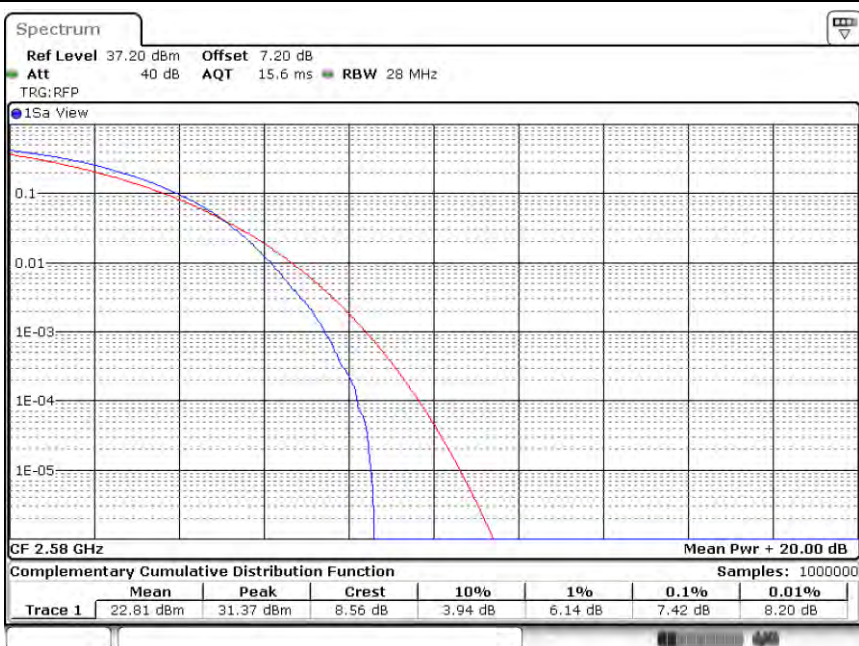


Band38-20MHz-QPSK-38150-100RB#0



Date: 5.FEB.2021 17:24:09

Band38-20MHz-64QAM-37850-100RB#0



Date: 5.FEB.2021 20:16:22

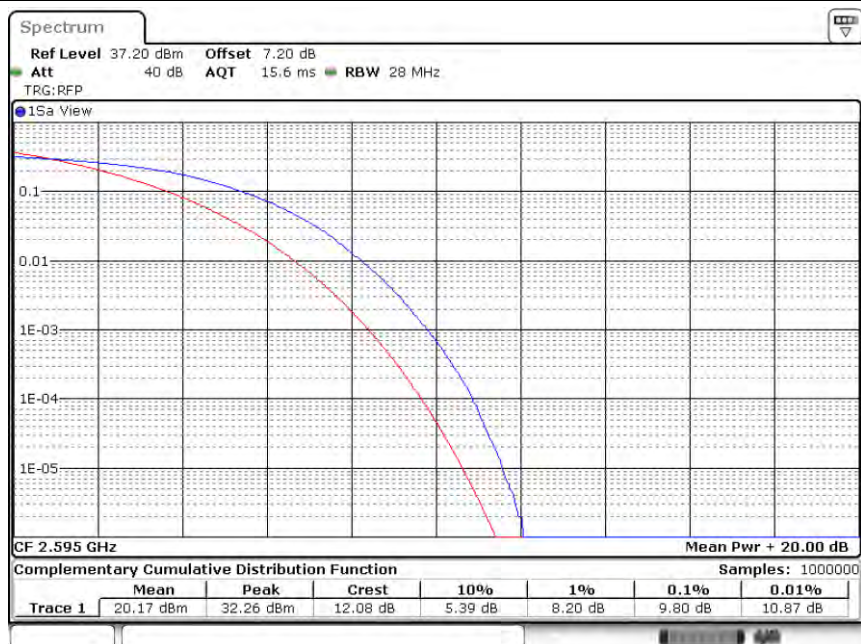


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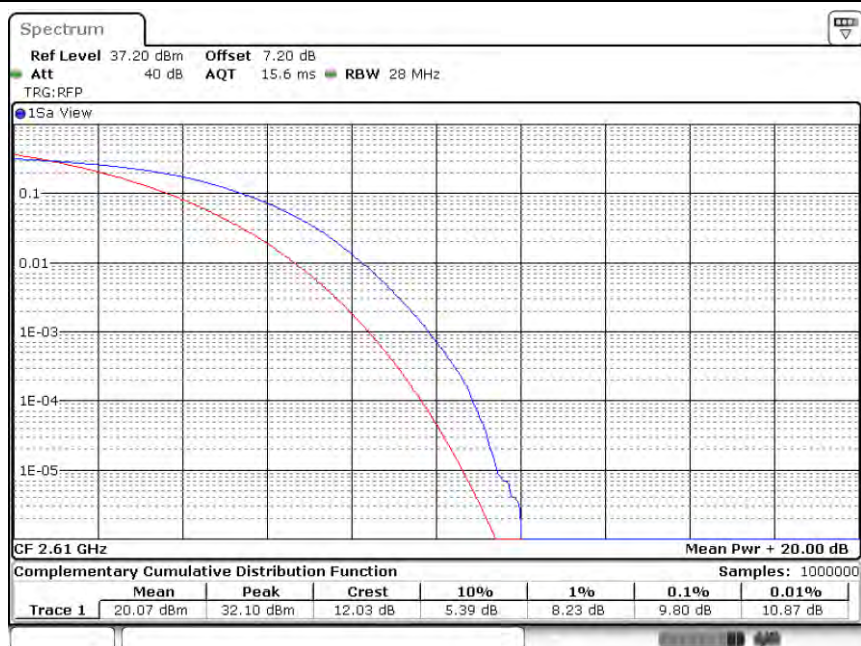


Band38-20MHz-64QAM-38000-100RB#0



Date: 5.FEB.2021 20:16:33

Band38-20MHz-64QAM-38150-100RB#0



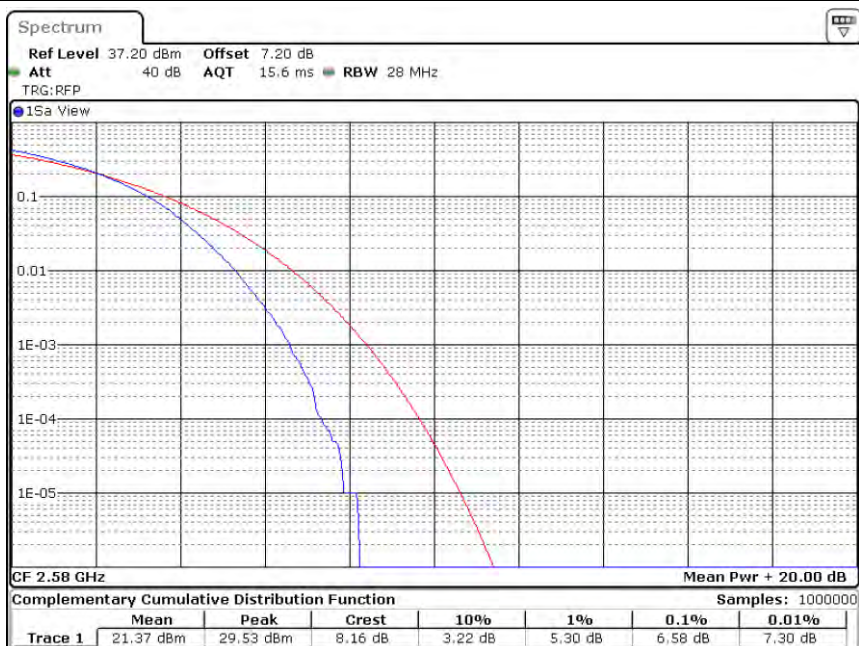
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Band38-20MHz-256QAM-37850-100RB#0



Date: 26 FEB. 2021 16:32:44

Band38-20MHz-256QAM-38000-100RB#0



Date: 26 FEB. 2021 16:32:55



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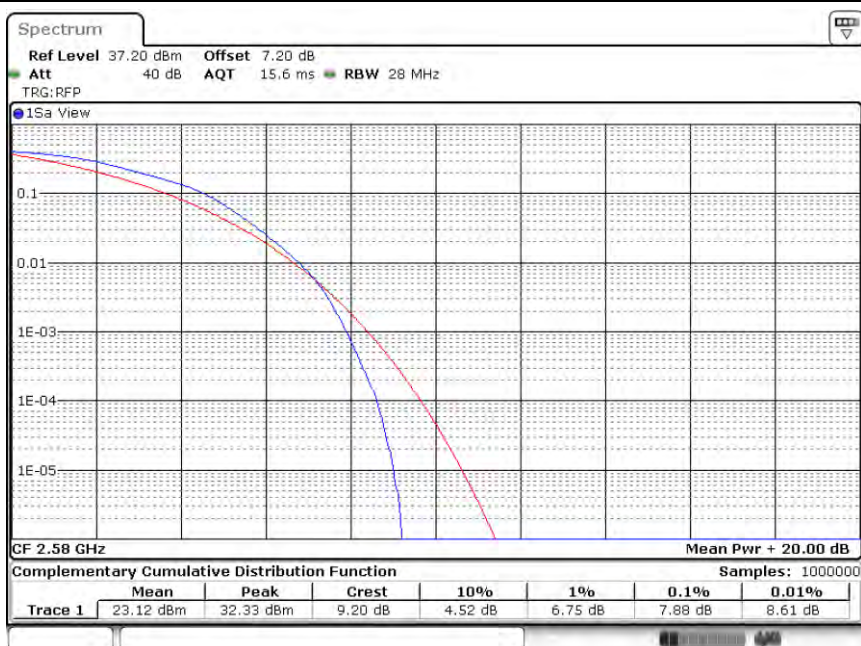


Band38-20MHz-256QAM-38150-100RB#0



Date: 26 FEB. 2021 16:33:07

Band38-20MHz-16QAM-37850-100RB#0



Date: 5 FEB. 2021 17:23:35

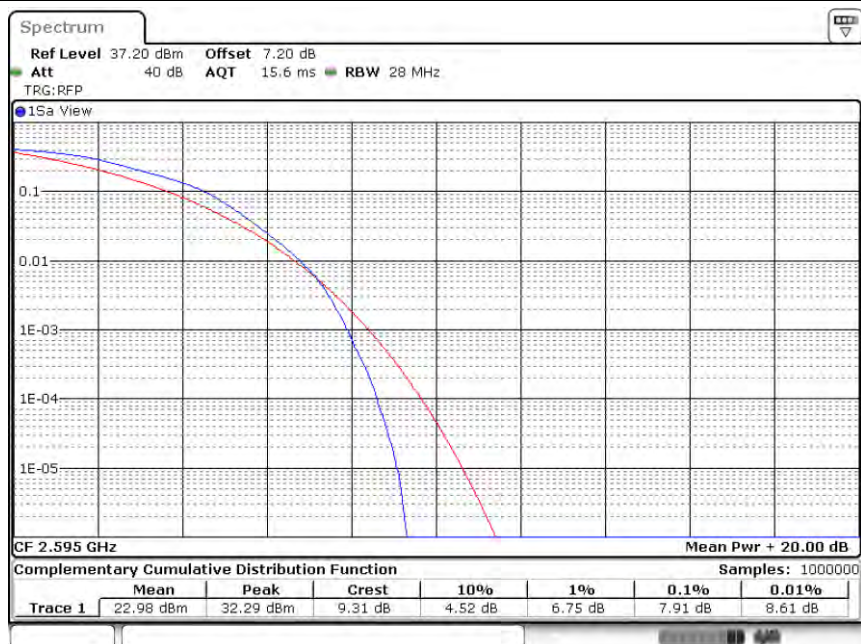


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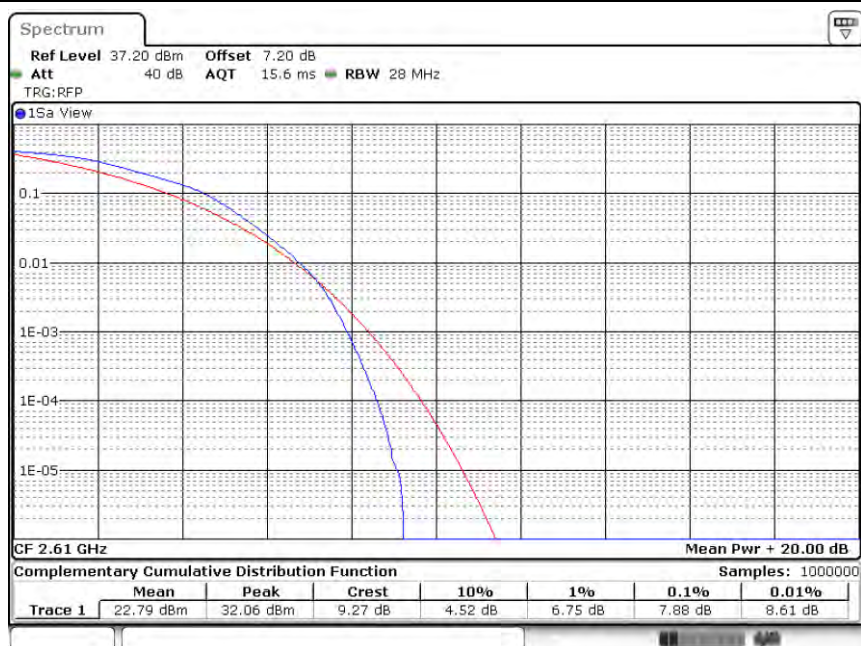


Band38-20MHz-16QAM-38000-100RB#0



Date: 5.FEB.2021 17:23:58

Band38-20MHz-16QAM-38150-100RB#0



Date: 5.FEB.2021 17:24:20



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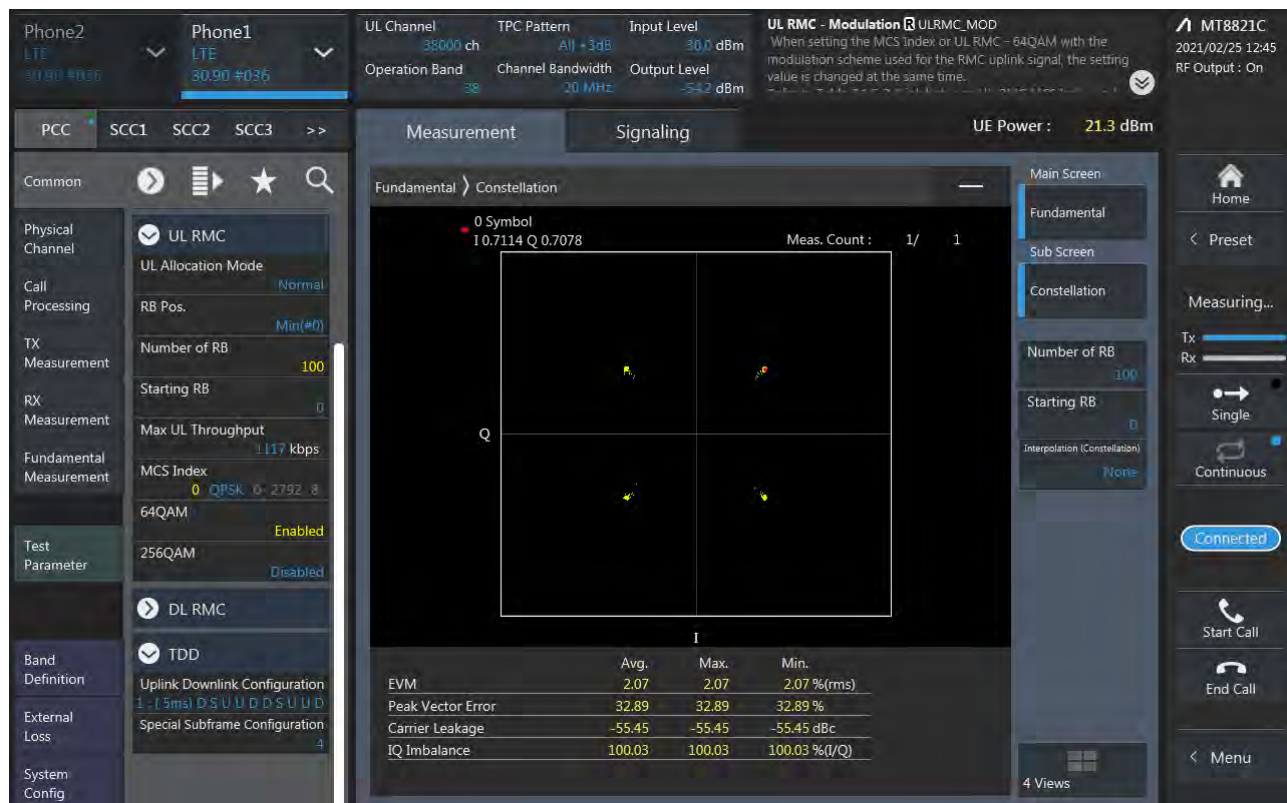
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### 3. Modulation Characteristics

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

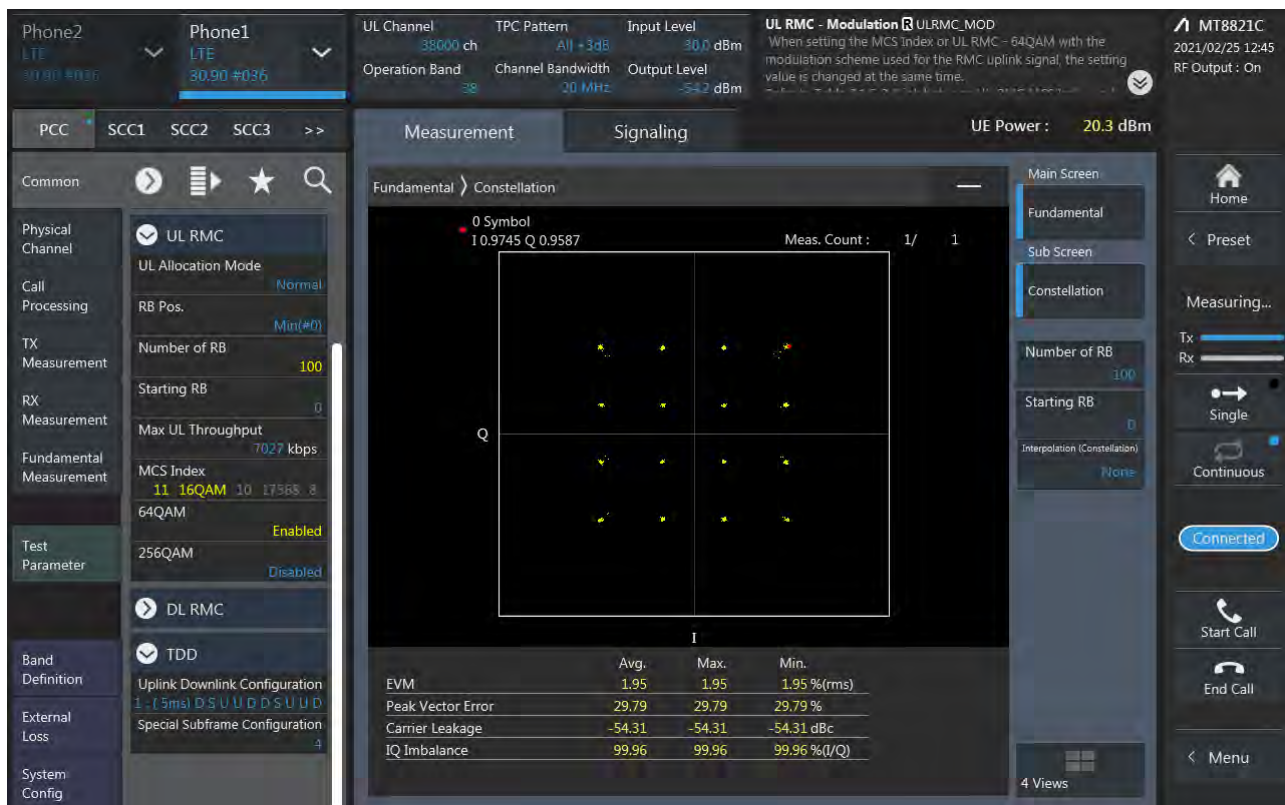
##### 3.1.1. Test Channel = MCH





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

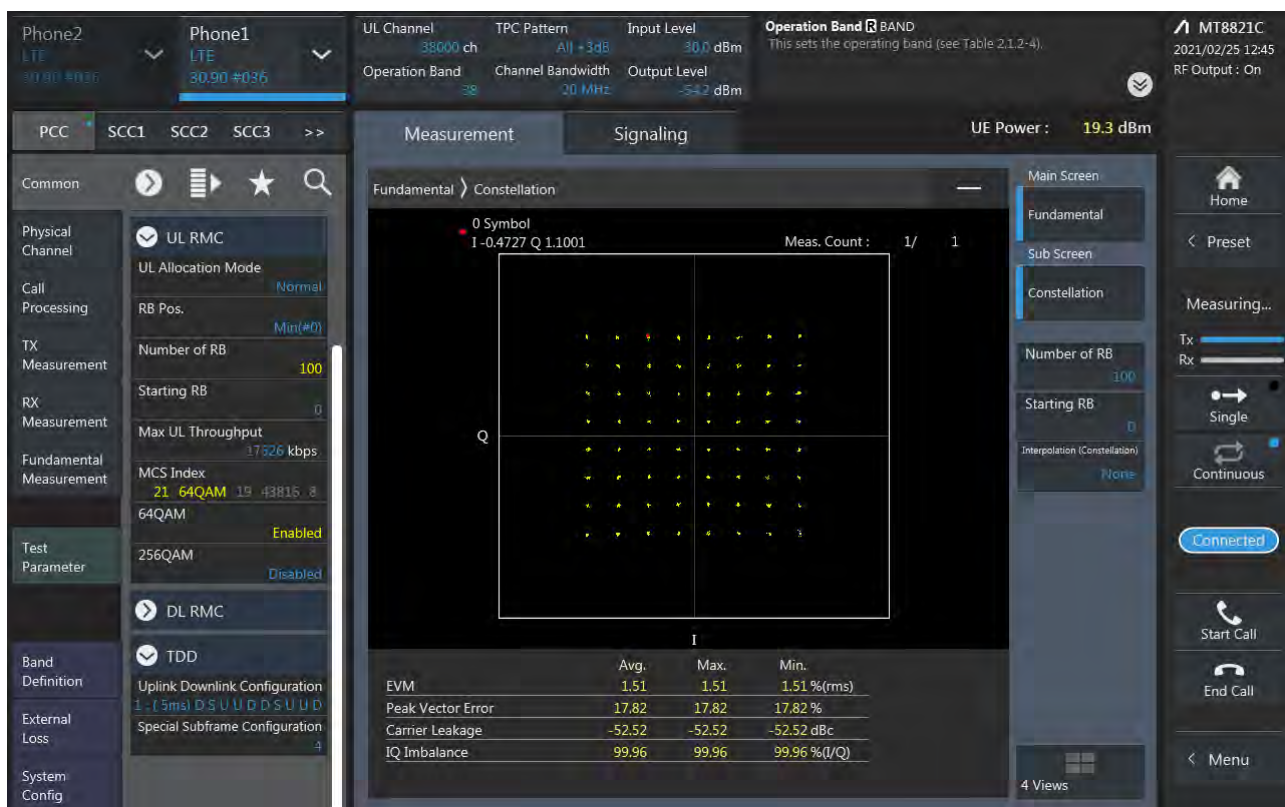
### 3.2.1. Test Channel = MCH





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

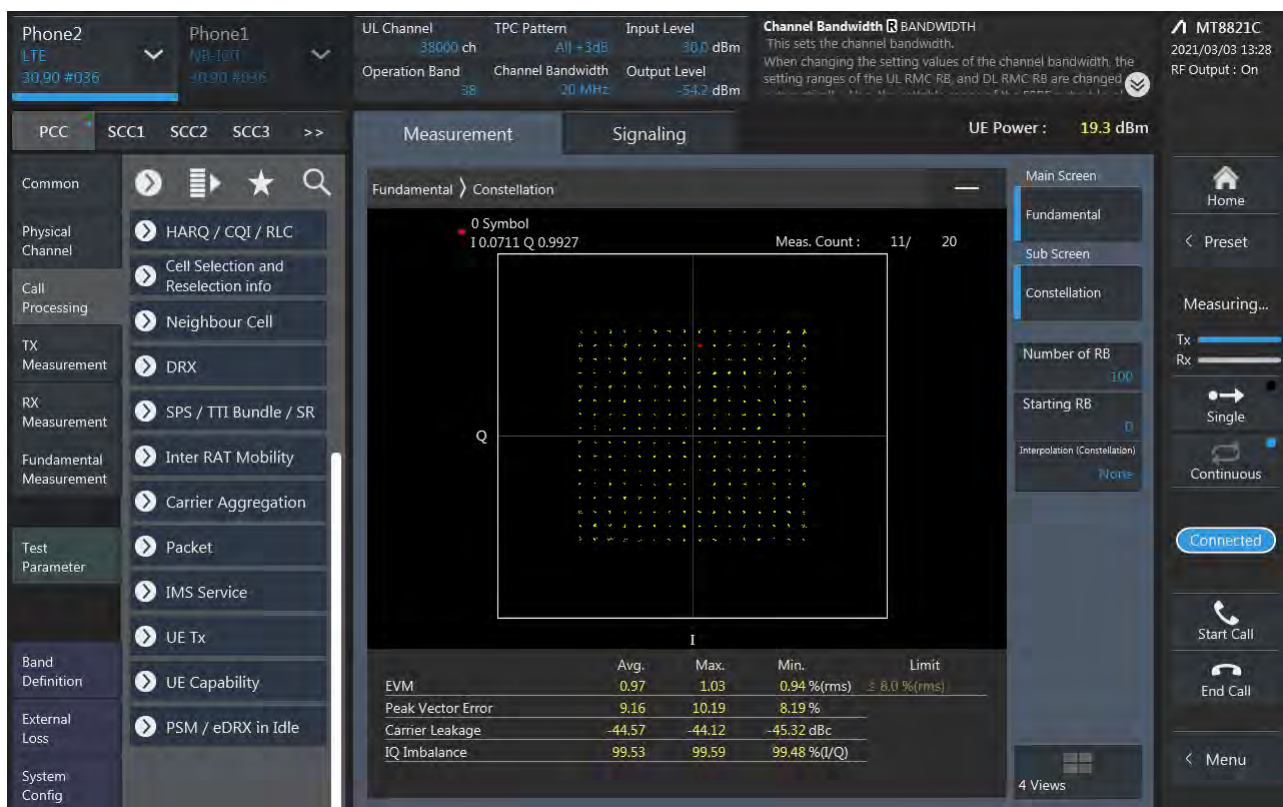
#### 3.3.1. Test Channel = MCH





### 3.4. Test Mode = LTE /TM4 20MHz

#### 3.4.1. Test Channel = MCH





## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 4.466                    | 4.870                | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.476                    | 4.860                | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 4.466                    | 4.860                | PASS    |
| Band38 | 5MHz      | 64QAM      | 37775   | 25RB#0           | 4.486                    | 4.740                | PASS    |
| Band38 | 5MHz      | 64QAM      | 38000   | 25RB#0           | 4.476                    | 4.870                | PASS    |
| Band38 | 5MHz      | 64QAM      | 38225   | 25RB#0           | 4.476                    | 4.910                | PASS    |
| Band38 | 5MHz      | 256QAM     | 37775   | 25RB#0           | 4.446                    | 4.850                | PASS    |
| Band38 | 5MHz      | 256QAM     | 38000   | 25RB#0           | 4.466                    | 4.870                | PASS    |
| Band38 | 5MHz      | 256QAM     | 38225   | 25RB#0           | 4.466                    | 4.860                | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 4.486                    | 4.910                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 4.486                    | 4.910                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 4.486                    | 4.920                | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 8.931                    | 9.680                | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 8.911                    | 9.680                | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 8.931                    | 9.680                | PASS    |
| Band38 | 10MHz     | 64QAM      | 37800   | 50RB#0           | 8.931                    | 9.700                | PASS    |
| Band38 | 10MHz     | 64QAM      | 38000   | 50RB#0           | 8.911                    | 9.680                | PASS    |
| Band38 | 10MHz     | 64QAM      | 38200   | 50RB#0           | 8.951                    | 9.640                | PASS    |
| Band38 | 10MHz     | 256QAM     | 37800   | 50RB#0           | 8.911                    | 9.620                | PASS    |
| Band38 | 10MHz     | 256QAM     | 38000   | 50RB#0           | 8.911                    | 9.600                | PASS    |
| Band38 | 10MHz     | 256QAM     | 38200   | 50RB#0           | 8.911                    | 9.600                | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 8.911                    | 9.660                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 8.911                    | 9.640                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 8.911                    | 9.640                | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 13.457                   | 14.790               | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 13.457                   | 14.730               | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 13.427                   | 14.670               | PASS    |
| Band38 | 15MHz     | 64QAM      | 37825   | 75RB#0           | 13.457                   | 14.730               | PASS    |
| Band38 | 15MHz     | 64QAM      | 38000   | 75RB#0           | 13.427                   | 14.760               | PASS    |
| Band38 | 15MHz     | 64QAM      | 38175   | 75RB#0           | 13.487                   | 14.670               | PASS    |
| Band38 | 15MHz     | 256QAM     | 37825   | 75RB#0           | 13.457                   | 14.790               | PASS    |



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|        |       |        |       |         |        |        |      |
|--------|-------|--------|-------|---------|--------|--------|------|
| Band38 | 15MHz | 256QAM | 38000 | 75RB#0  | 13.457 | 14.730 | PASS |
| Band38 | 15MHz | 256QAM | 38175 | 75RB#0  | 13.457 | 14.760 | PASS |
| Band38 | 15MHz | 16QAM  | 37825 | 75RB#0  | 13.427 | 14.730 | PASS |
| Band38 | 15MHz | 16QAM  | 38000 | 75RB#0  | 13.427 | 14.670 | PASS |
| Band38 | 15MHz | 16QAM  | 38175 | 75RB#0  | 13.427 | 14.700 | PASS |
| Band38 | 20MHz | QPSK   | 37850 | 100RB#0 | 17.902 | 19.400 | PASS |
| Band38 | 20MHz | QPSK   | 38000 | 100RB#0 | 17.902 | 19.440 | PASS |
| Band38 | 20MHz | QPSK   | 38150 | 100RB#0 | 17.862 | 19.400 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | 17.902 | 19.240 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | 17.862 | 19.320 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | 17.862 | 19.240 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | 17.862 | 19.240 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | 17.822 | 19.160 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | 17.862 | 19.320 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | 17.862 | 19.320 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | 17.902 | 19.320 | PASS |



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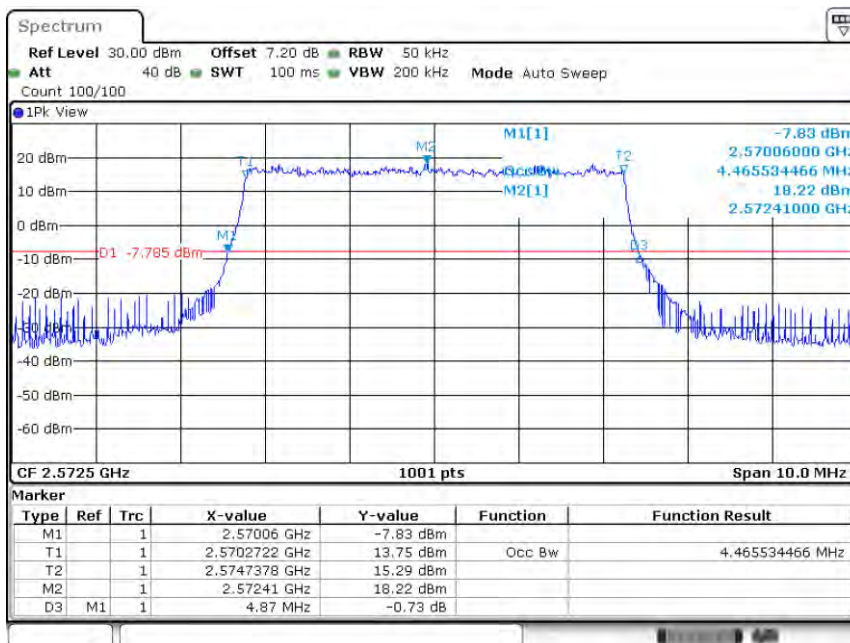
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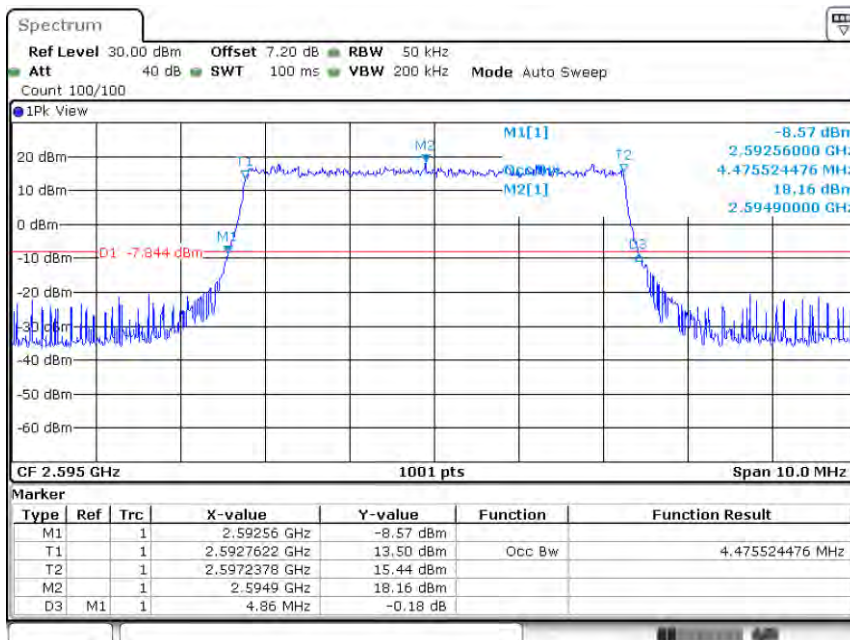
## 4.2. Test Plots

Band38-5MHz-QPSK-37775-25RB#0-4.466



Date: 5.FEB.2021 17:01:10

Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 5.FEB.2021 17:01:49

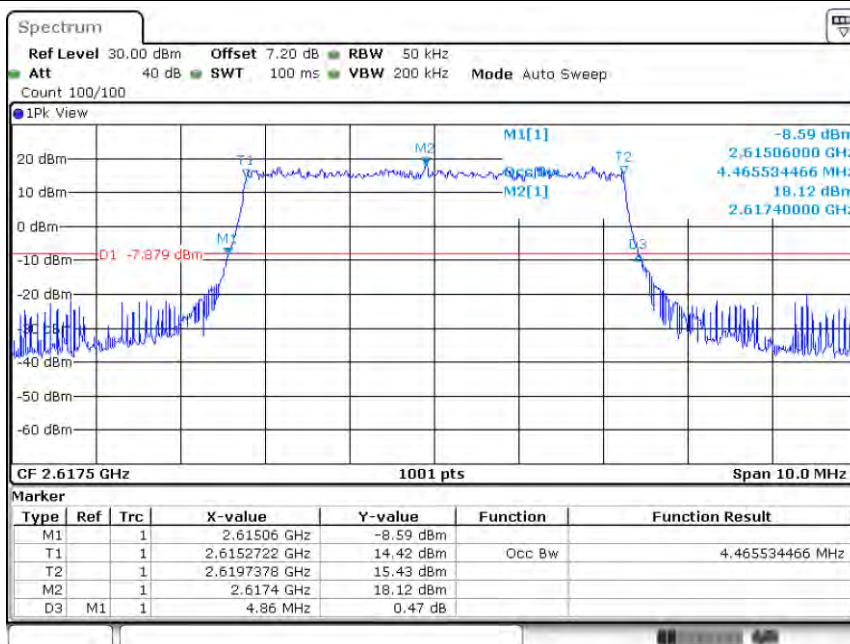


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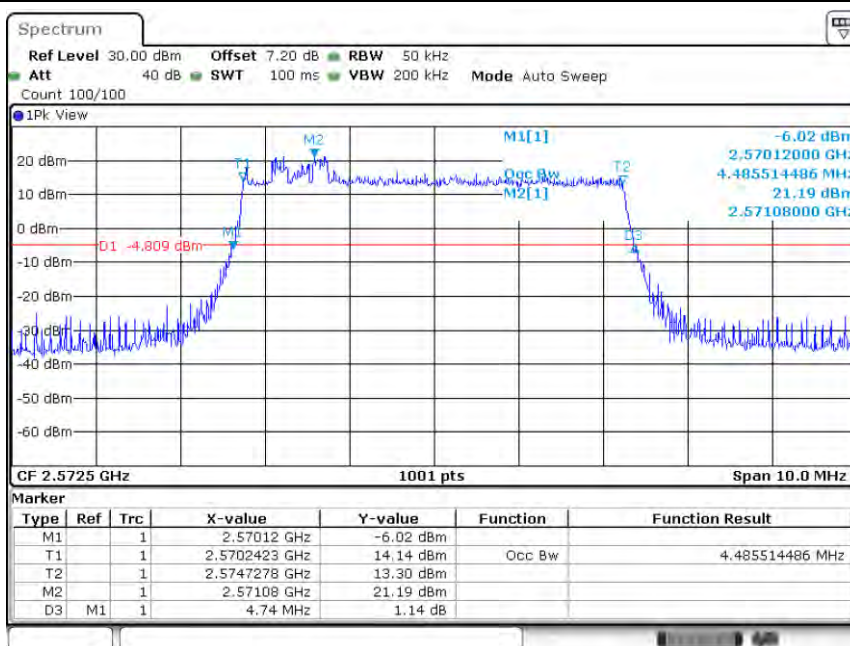


Band38-5MHz-QPSK-38225-25RB#0-4.466



Date: 5.FEB.2021 17:02:29

Band38-5MHz-64QAM-37775-25RB#0-4.486

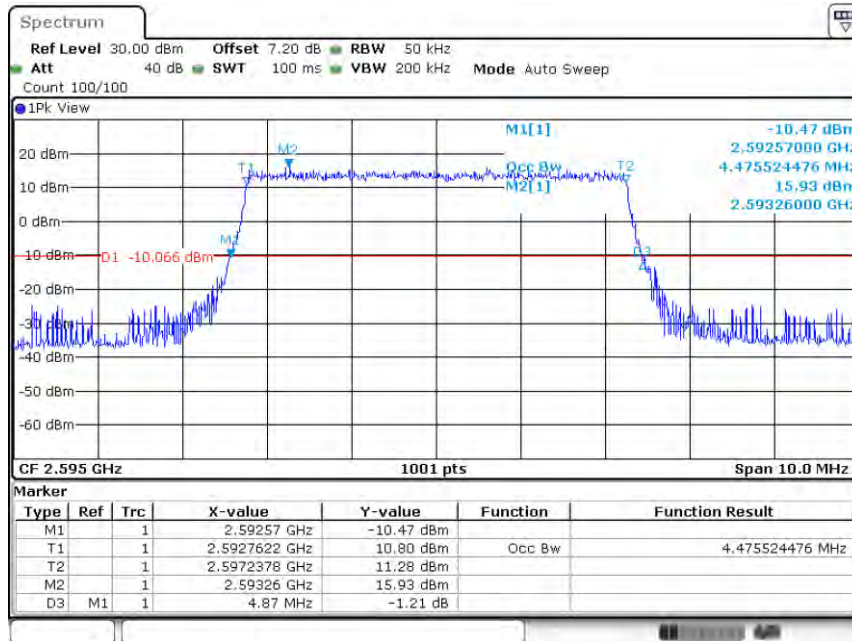


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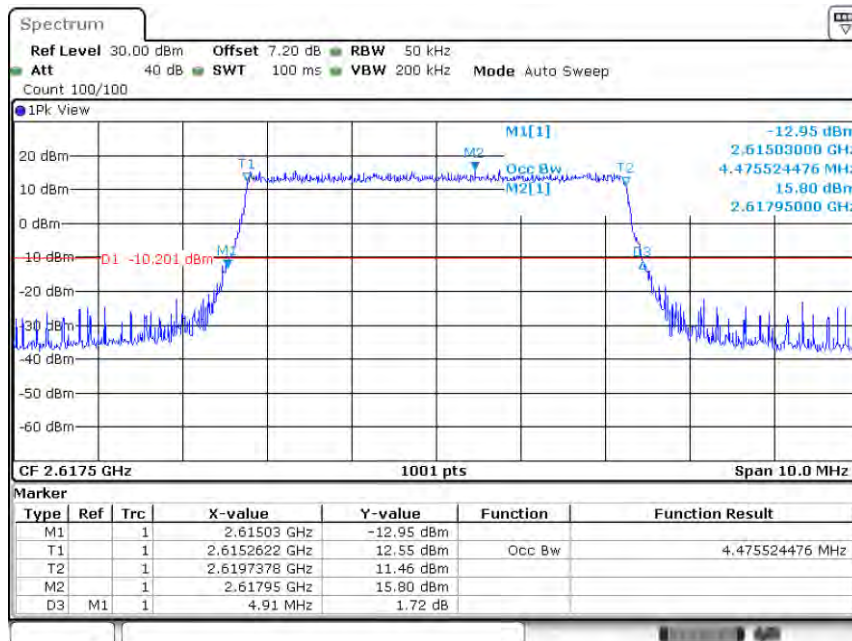


Band38-5MHz-64QAM-38000-25RB#0-4.476



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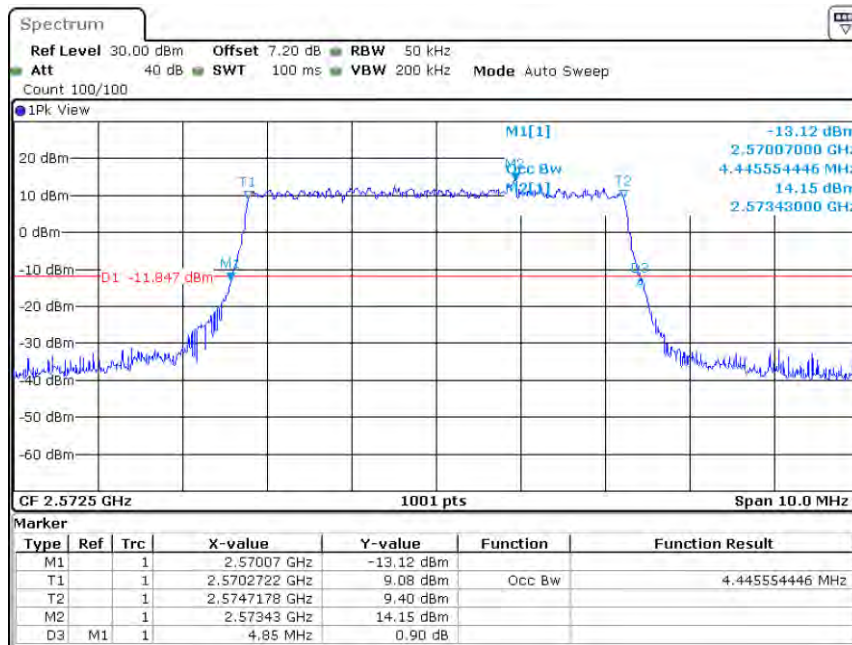


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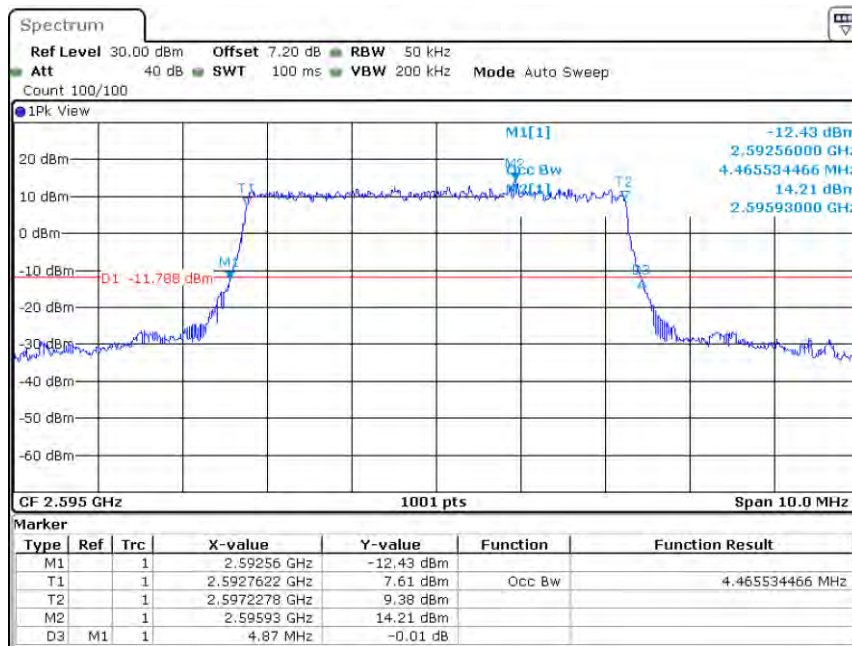


Band38-5MHz-256QAM-37775-25RB#0-4.446



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Date: 26 FEB. 2021 16:21:13

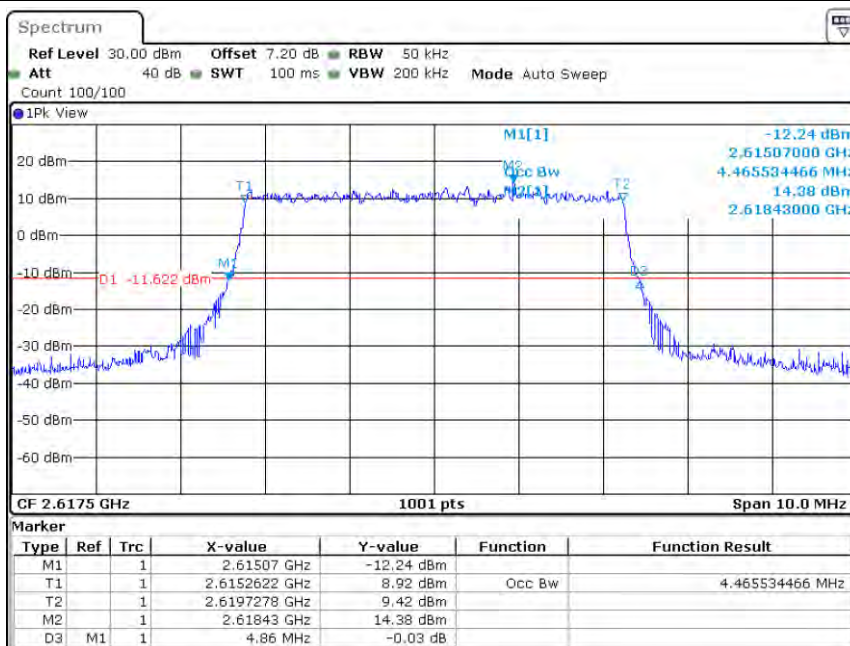


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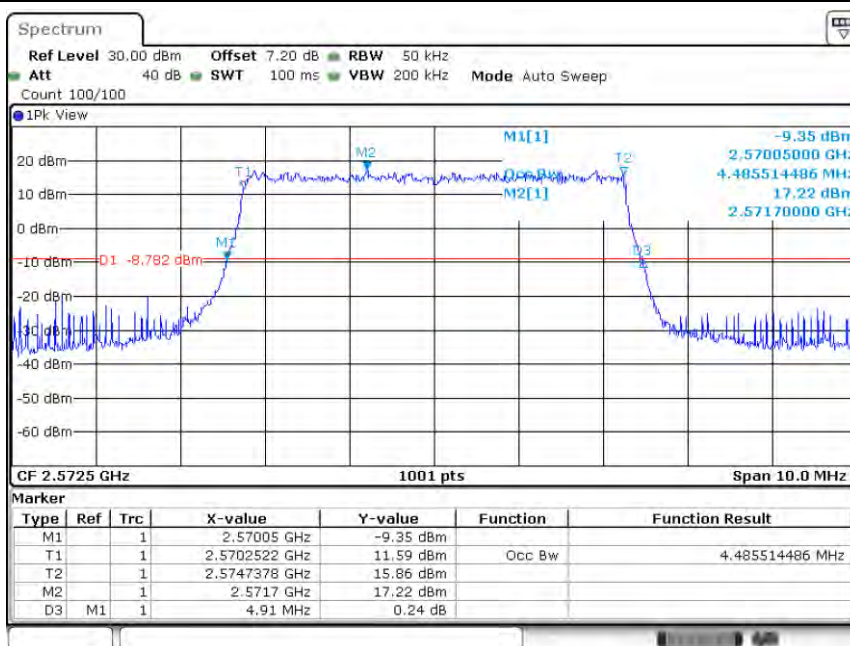


Band38-5MHz-256QAM-38225-25RB#0-4.466



Date: 26.FEB.2021 16:21:33

Band38-5MHz-16QAM-37775-25RB#0-4.486



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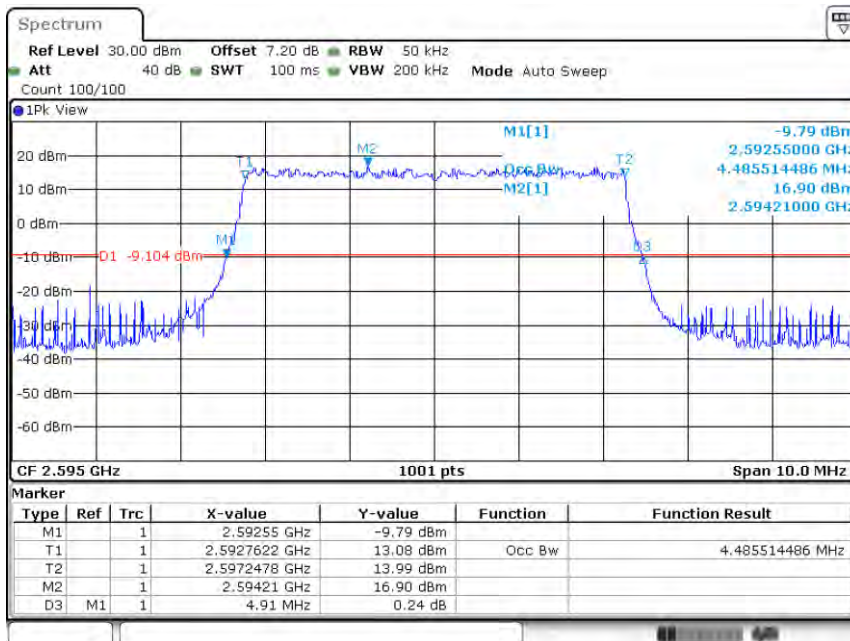


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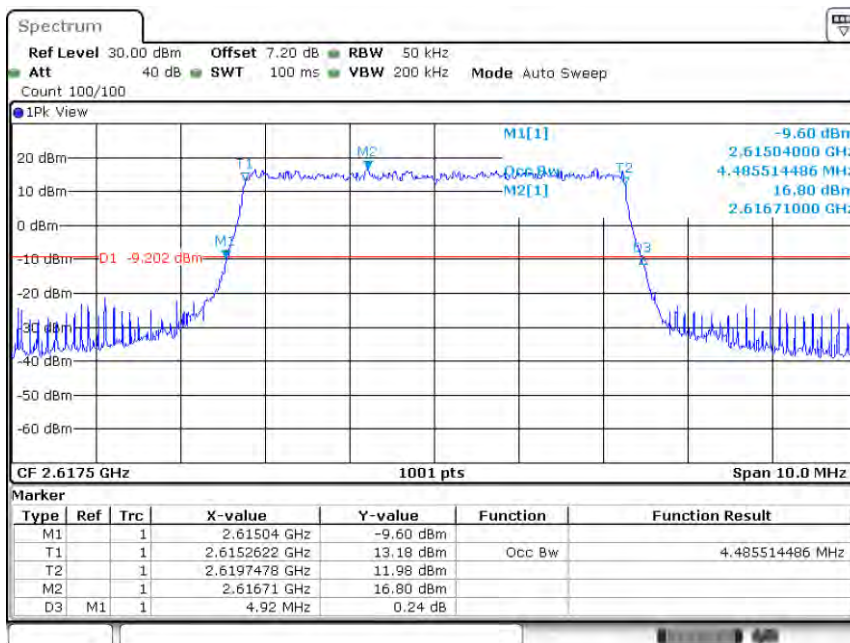


Band38-5MHz-16QAM-38000-25RB#0-4.486



Date: 5.FEB.2021 17:02:09

Band38-5MHz-16QAM-38225-25RB#0-4.486



Date: 5.FEB.2021 17:02:49

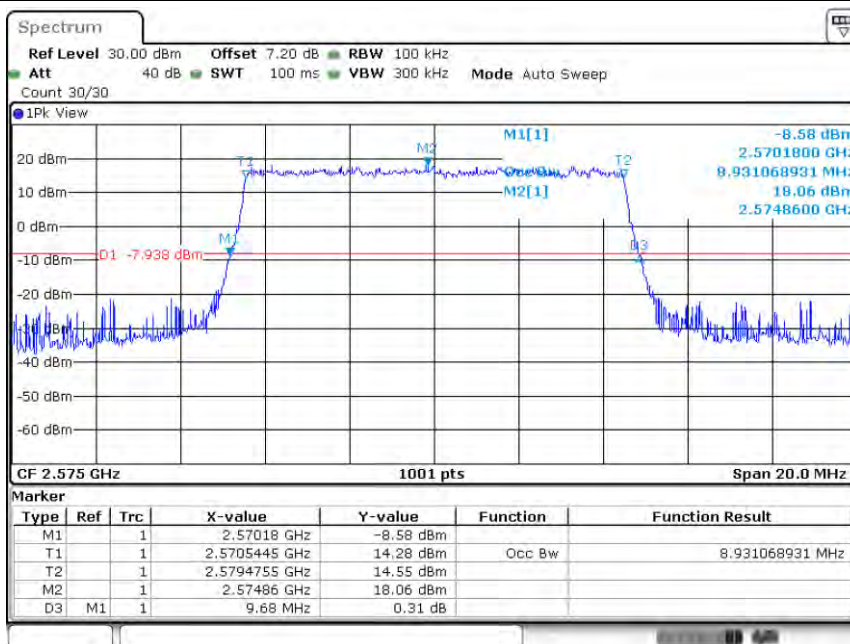


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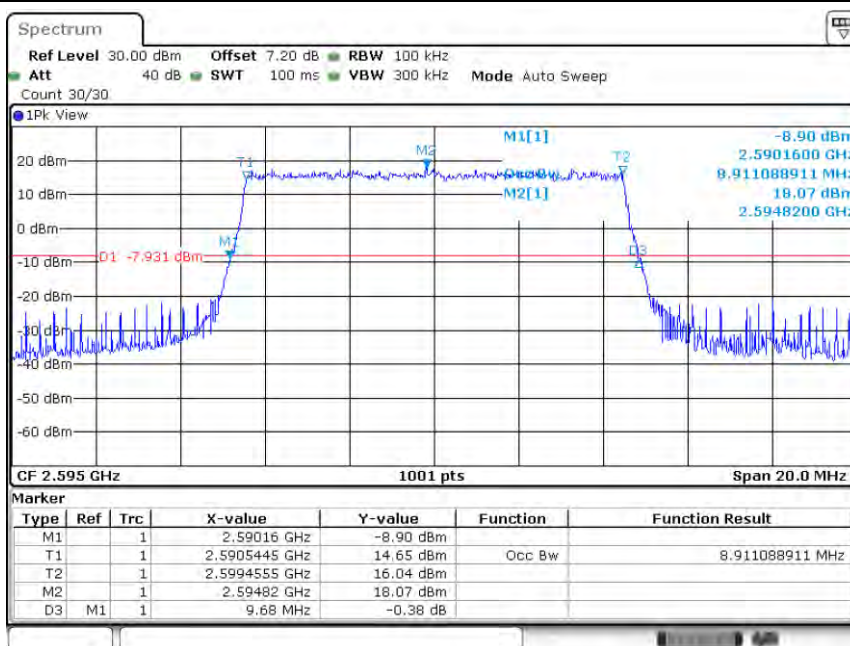


Band38-10MHz-QPSK-37800-50RB#0-8.931



Date: 5.FEB.2021 17:03:06

Band38-10MHz-QPSK-38000-50RB#0-8.911



Date: 5.FEB.2021 17:03:32



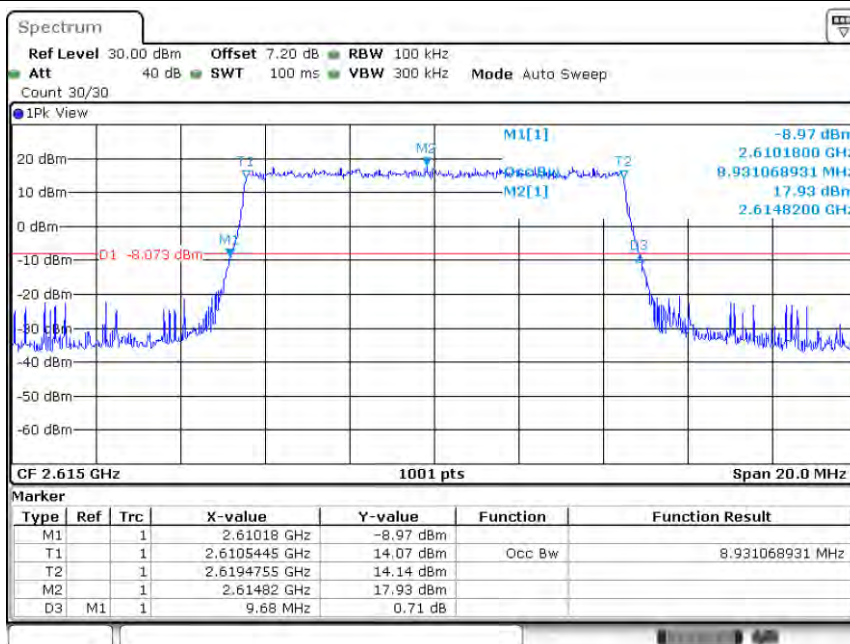
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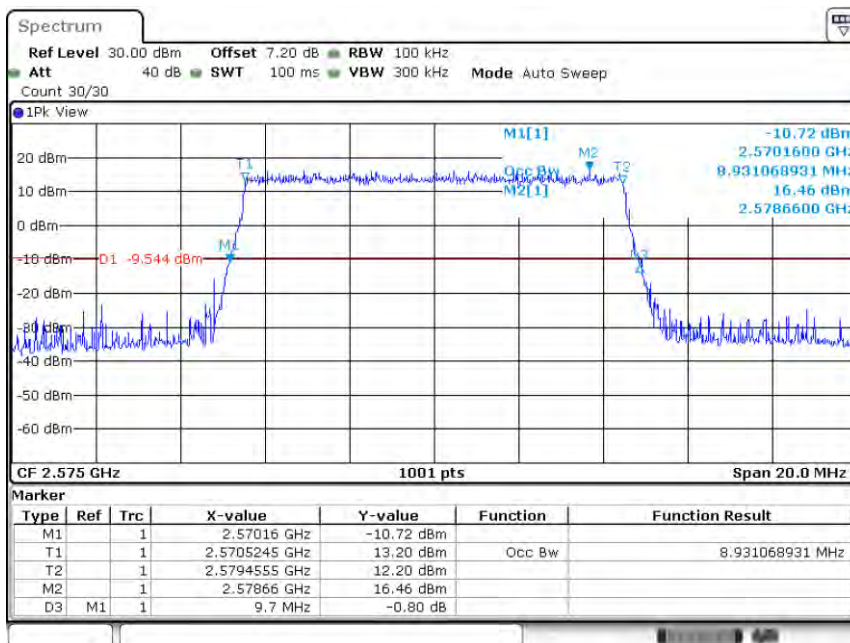


Band38-10MHz-QPSK-38200-50RB#0-8.931



Date: 5.FEB.2021 17:03:57

Band38-10MHz-64QAM-37800-50RB#0-8.931



Date: 5.FEB.2021 20:05:41

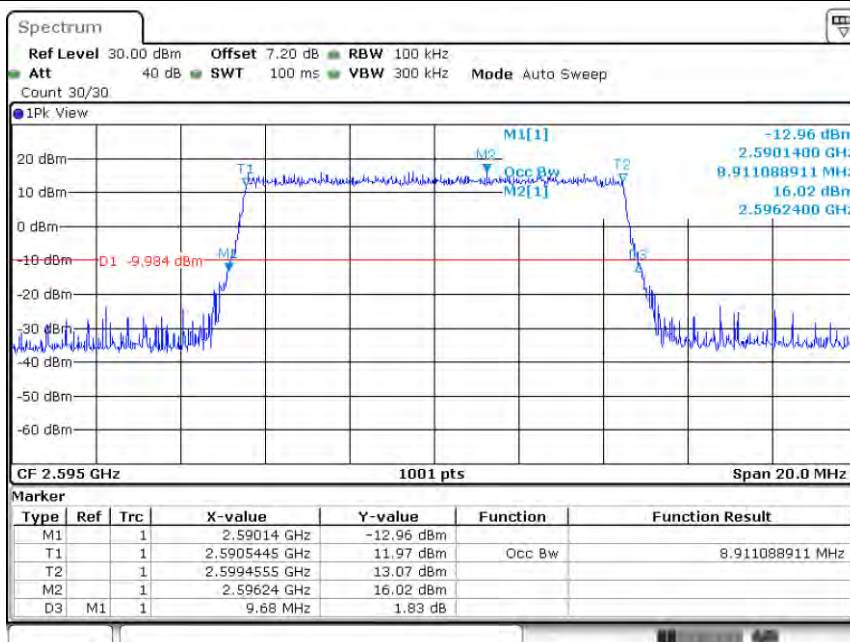


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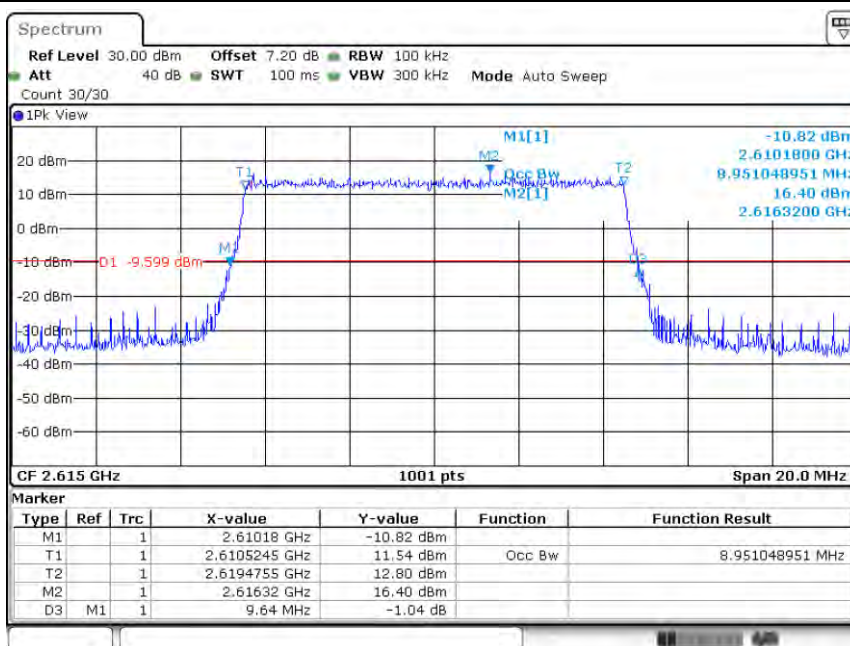


Band38-10MHz-64QAM-38000-50RB#0-8.911



Date: 5.FEB.2021 20:05:53

Band38-10MHz-64QAM-38200-50RB#0-8.951



Date: 5.FEB.2021 20:06:06

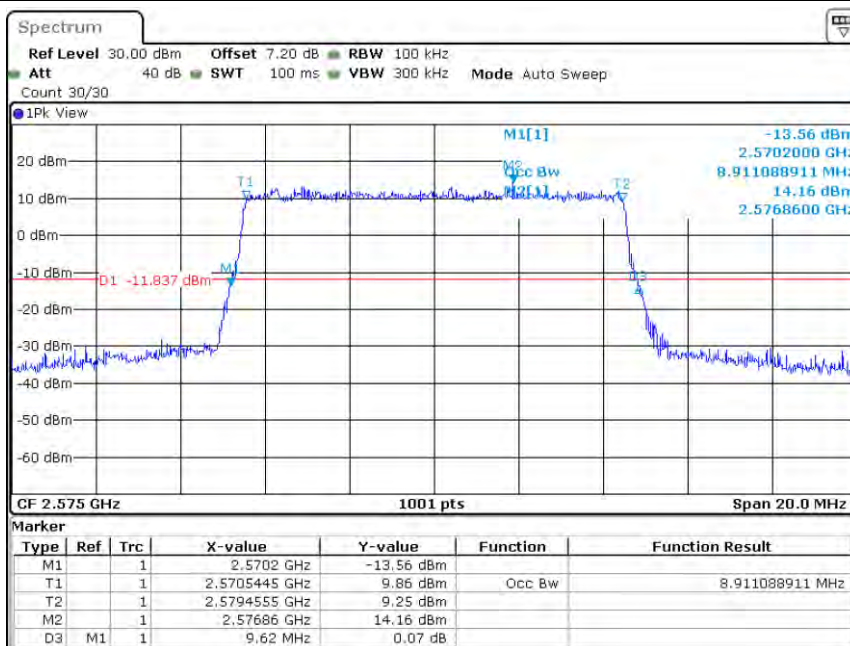


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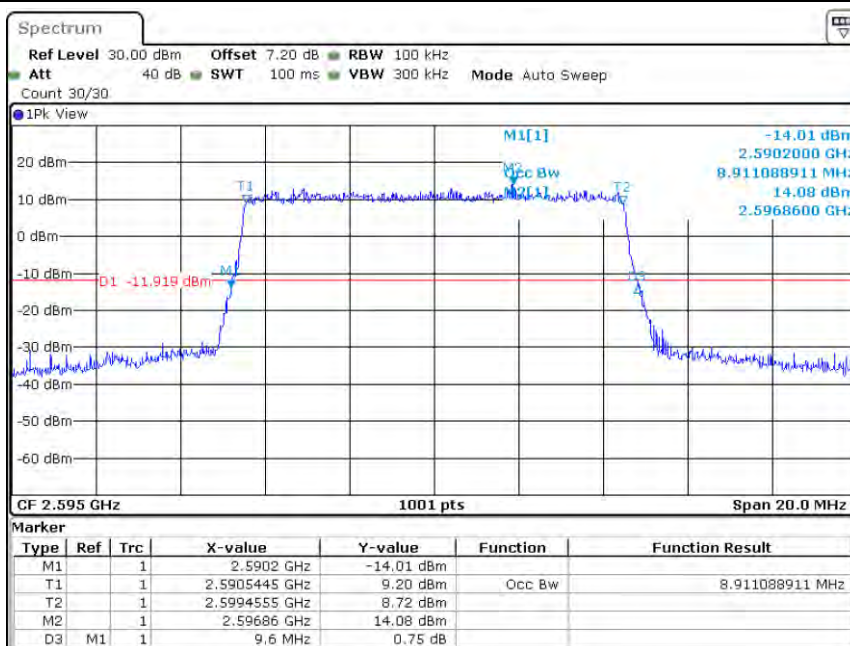


Band38-10MHz-256QAM-37800-50RB#0-8.911



Date: 26.FEB.2021 16:21:54

Band38-10MHz-256QAM-38000-50RB#0-8.911



Date: 26.FEB.2021 16:22:06

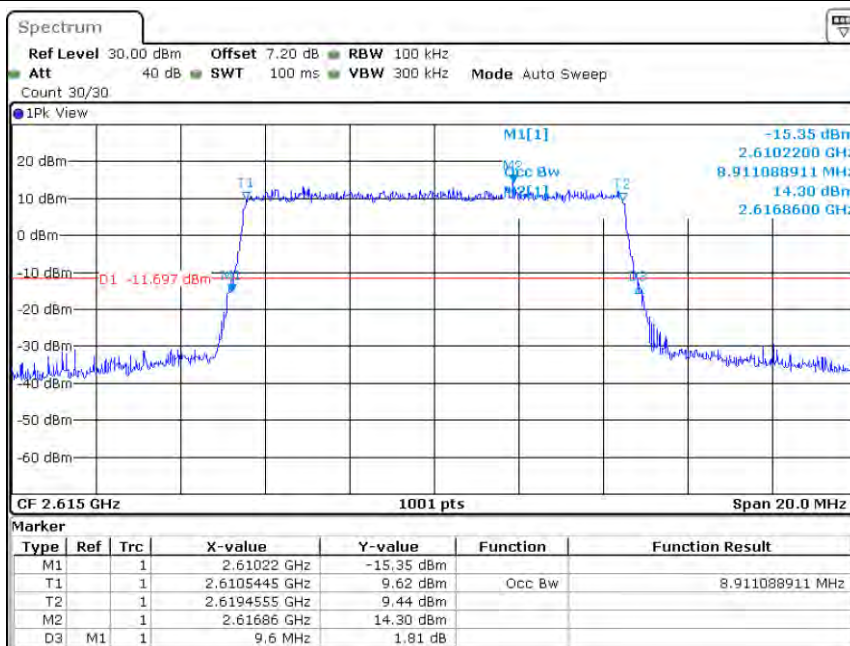


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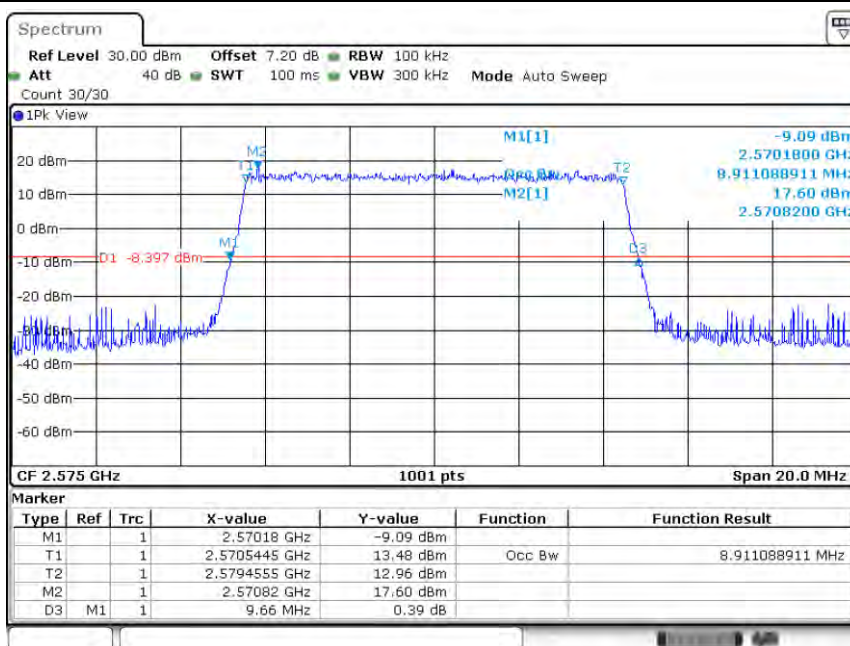


Band38-10MHz-256QAM-38200-50RB#0-8.911



Date: 26.FEB.2021 16:22:19

Band38-10MHz-16QAM-37800-50RB#0-8.911

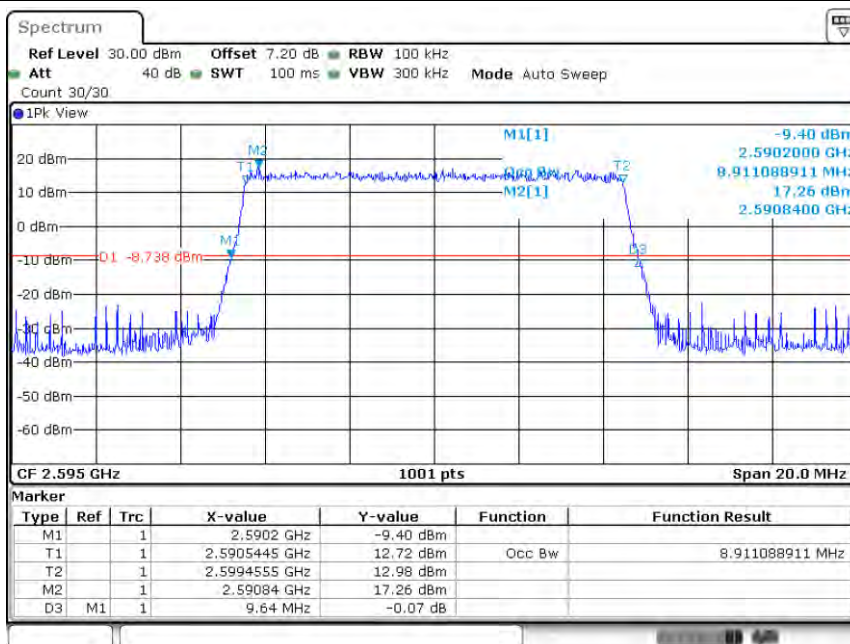


Date: 5.FEB.2021 17:03:19



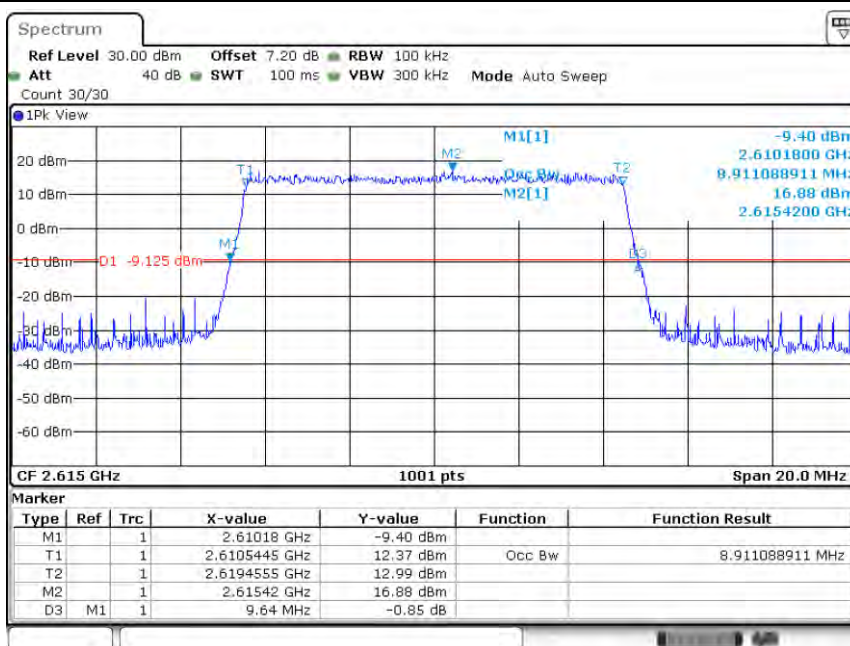


Band38-10MHz-16QAM-38000-50RB#0-8.911



Date: 5.FEB.2021 17:03:44

Band38-10MHz-16QAM-38200-50RB#0-8.911



Date: 5.FEB.2021 17:04:10

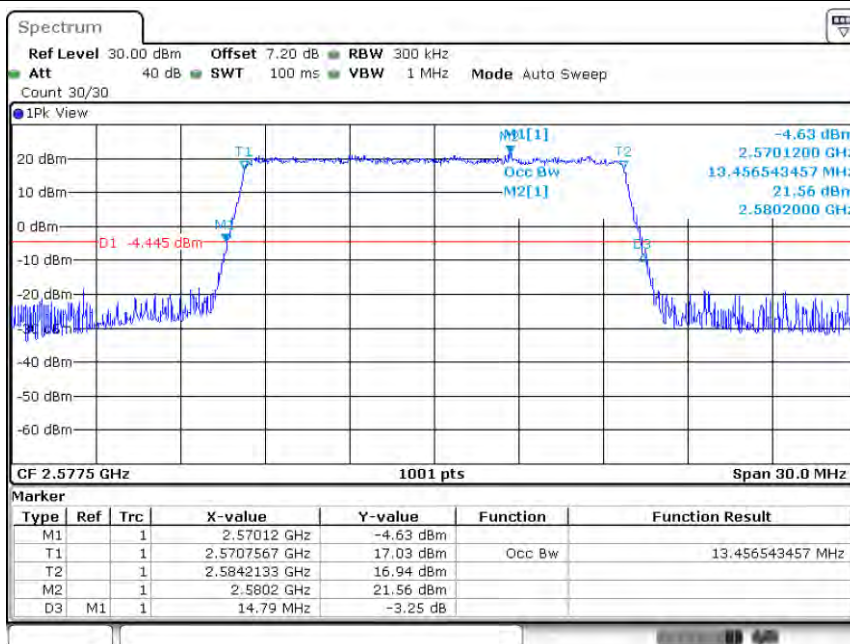


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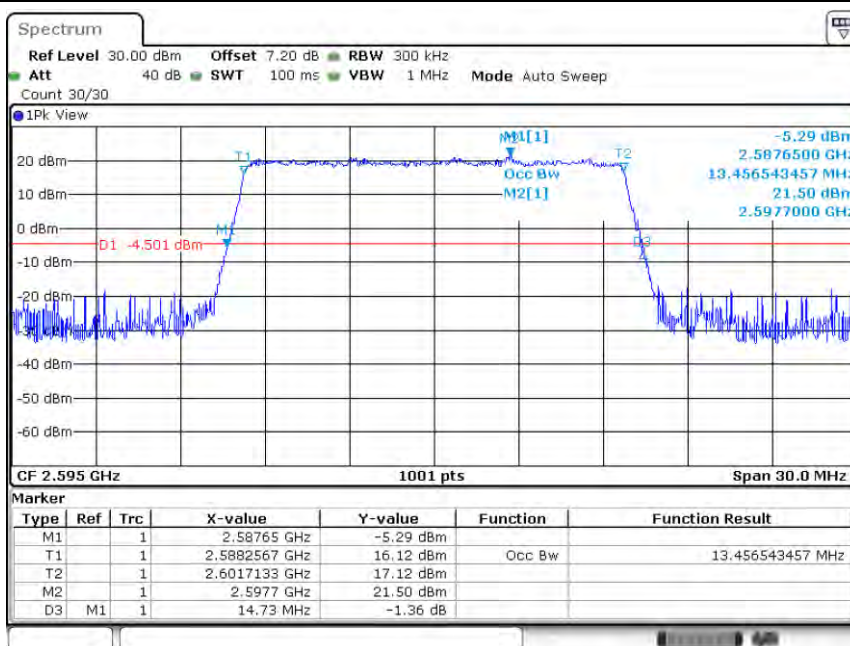


Band38-15MHz-QPSK-37825-75RB#0-13.457



Date: 5.FEB.2021 17:04:27

Band38-15MHz-QPSK-38000-75RB#0-13.457

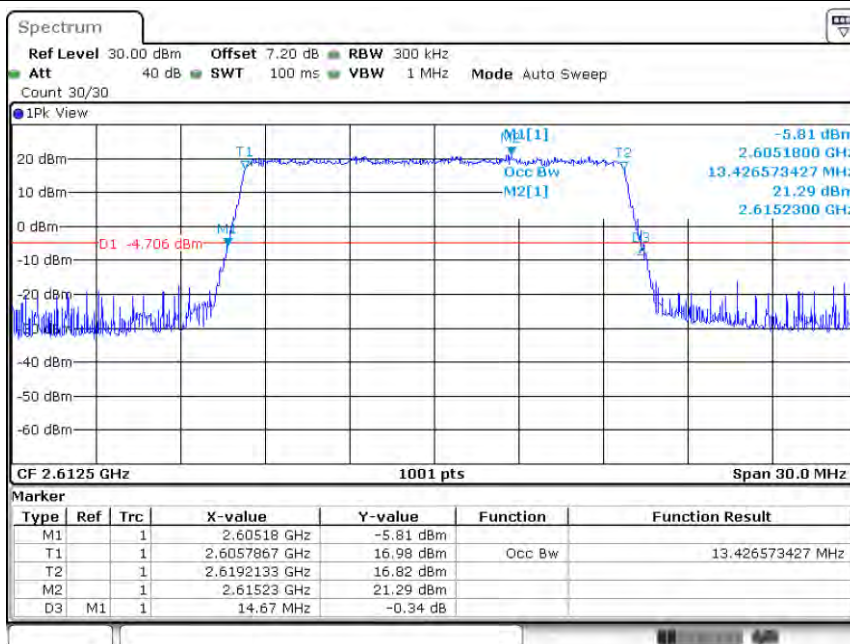


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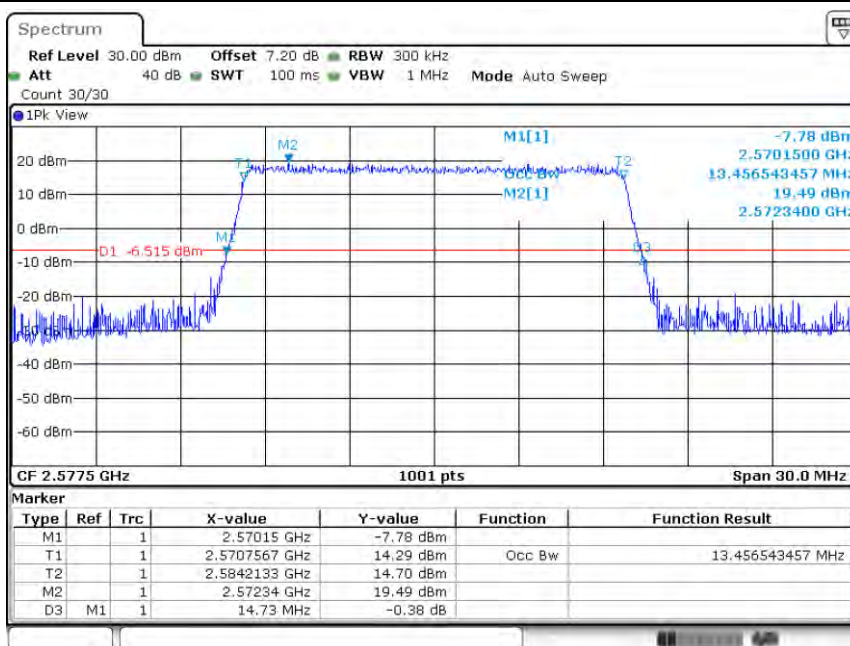


Band38-15MHz-QPSK-38175-75RB#0-13.427



Date: 5.FEB.2021 17:05:18

Band38-15MHz-64QAM-37825-75RB#0-13.457



Date: 5.FEB.2021 20:06:24



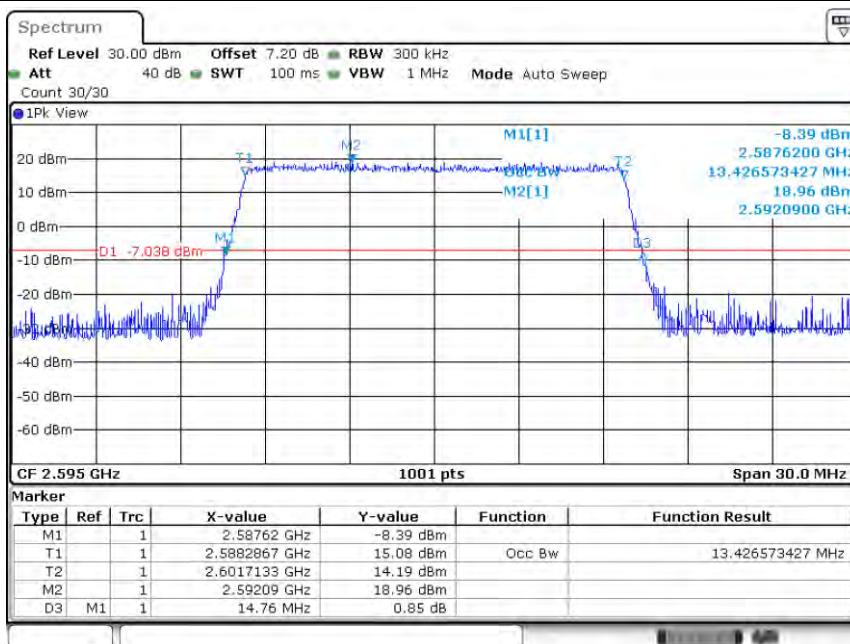
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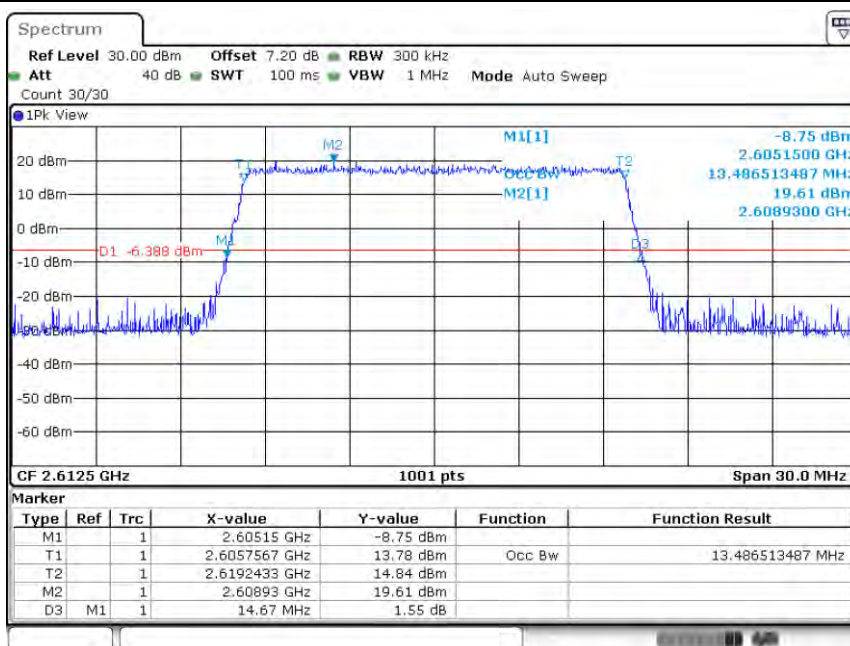


Band38-15MHz-64QAM-38000-75RB#0-13.427



Date: 5.FEB.2021 20:06:37

Band38-15MHz-64QAM-38175-75RB#0-13.487



Date: 5.FEB.2021 20:06:50



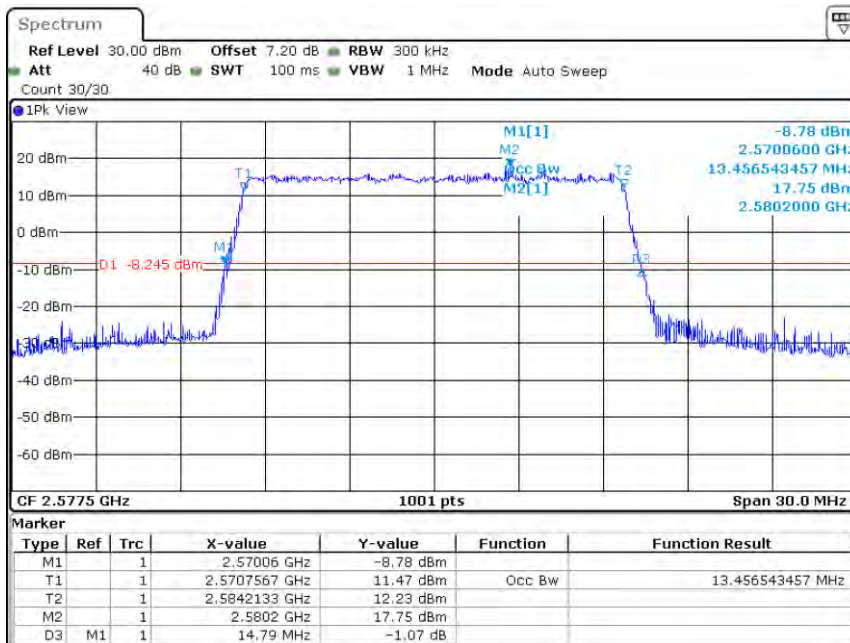
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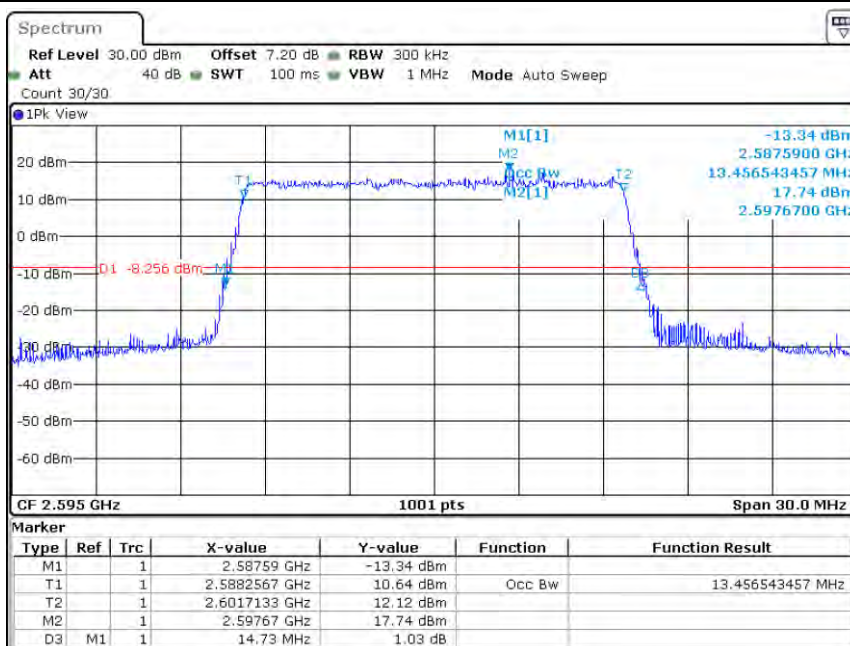


Band38-15MHz-256QAM-37825-75RB#0-13.457



Date: 26 FEB. 2021 16:22:37

Band38-15MHz-256QAM-38000-75RB#0-13.457



Date: 26 FEB. 2021 16:22:50

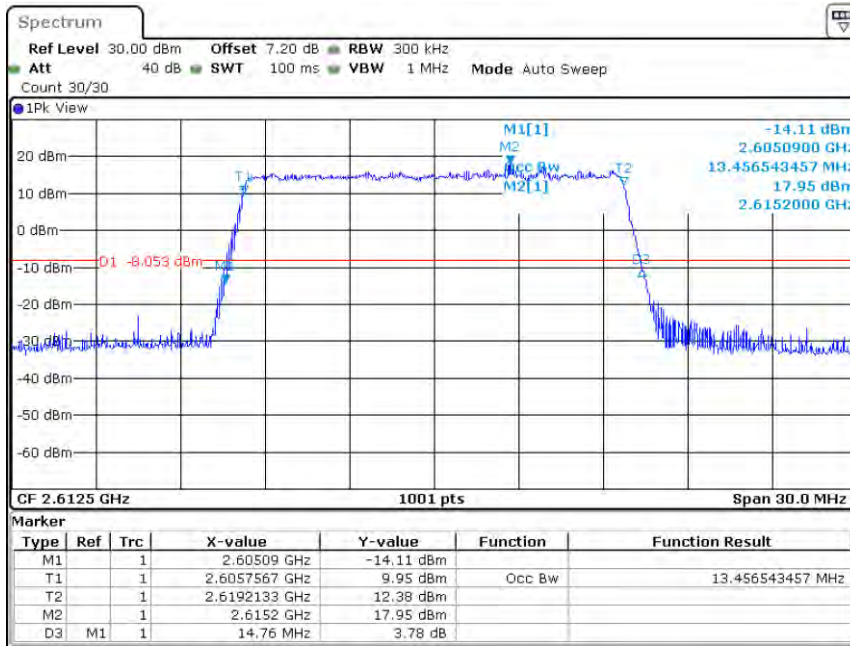


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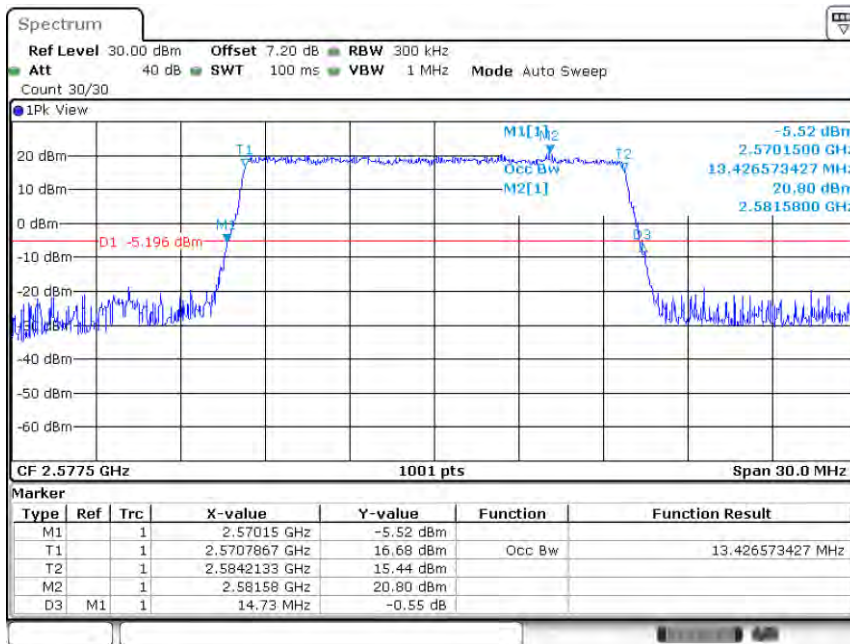
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Band38-15MHz-256QAM-38175-75RB#0-13.457



Date: 26.FEB.2021 16:23:03

Band38-15MHz-16QAM-37825-75RB#0-13.427

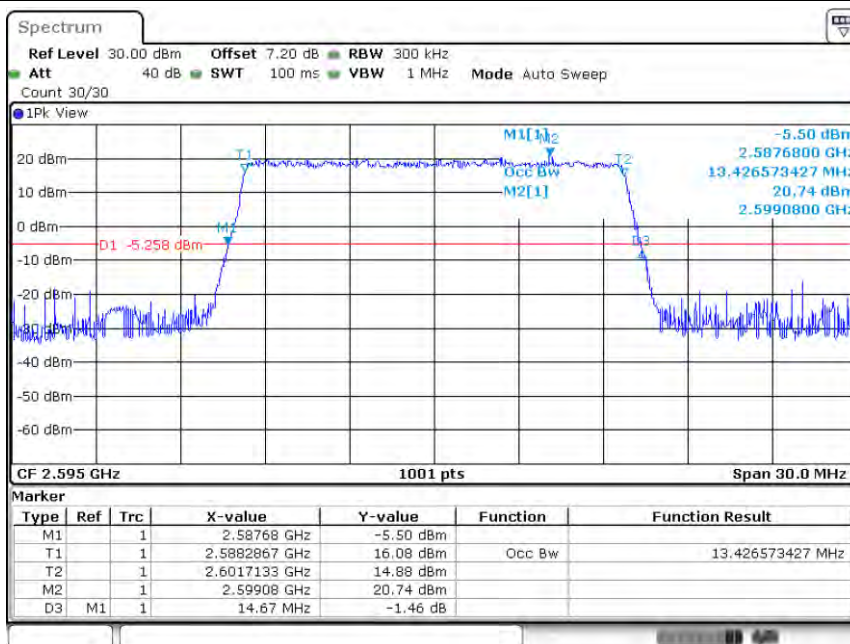


Date: 5.FEB.2021 17:04:40



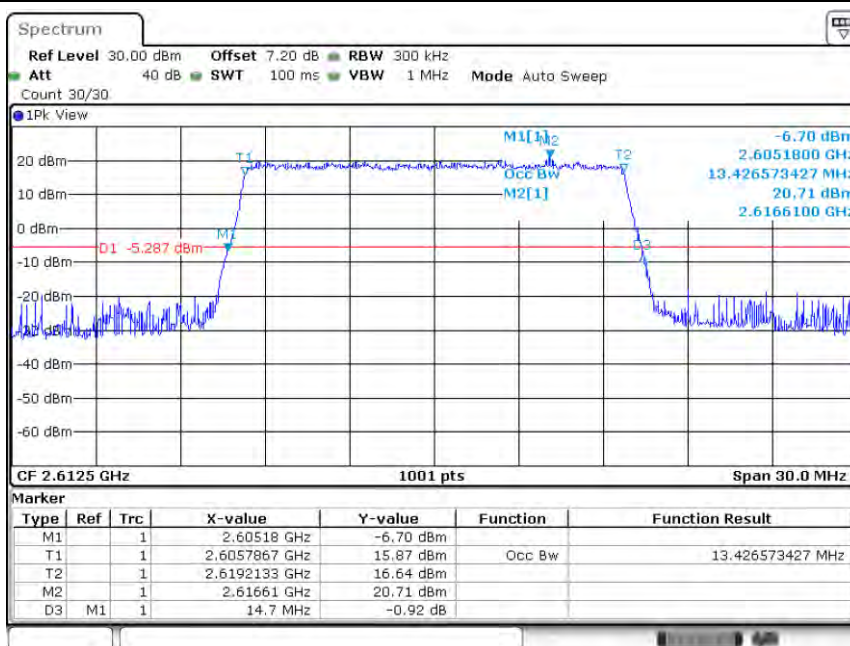


Band38-15MHz-16QAM-38000-75RB#0-13.427



Date: 5.FEB.2021 17:05:05

Band38-15MHz-16QAM-38175-75RB#0-13.427

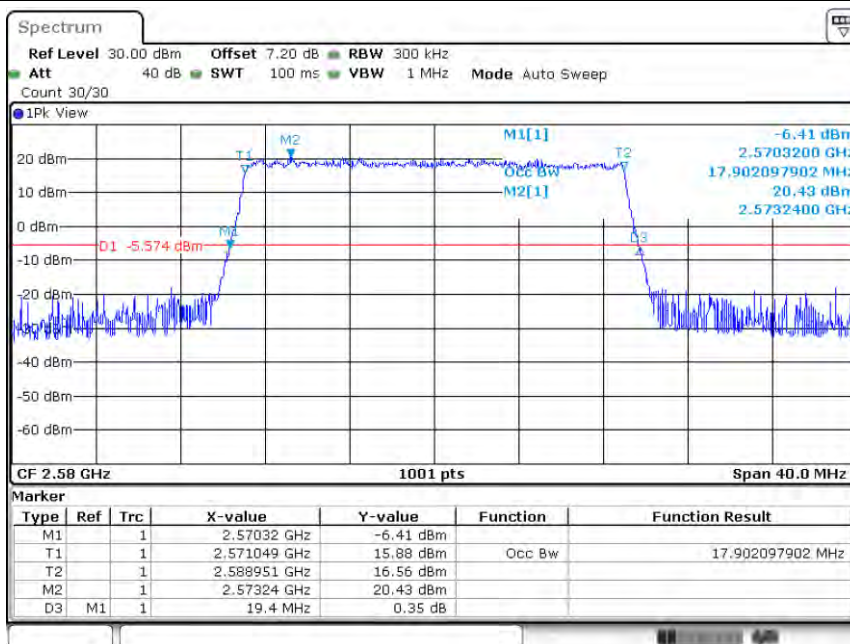


Date: 5.FEB.2021 17:05:31



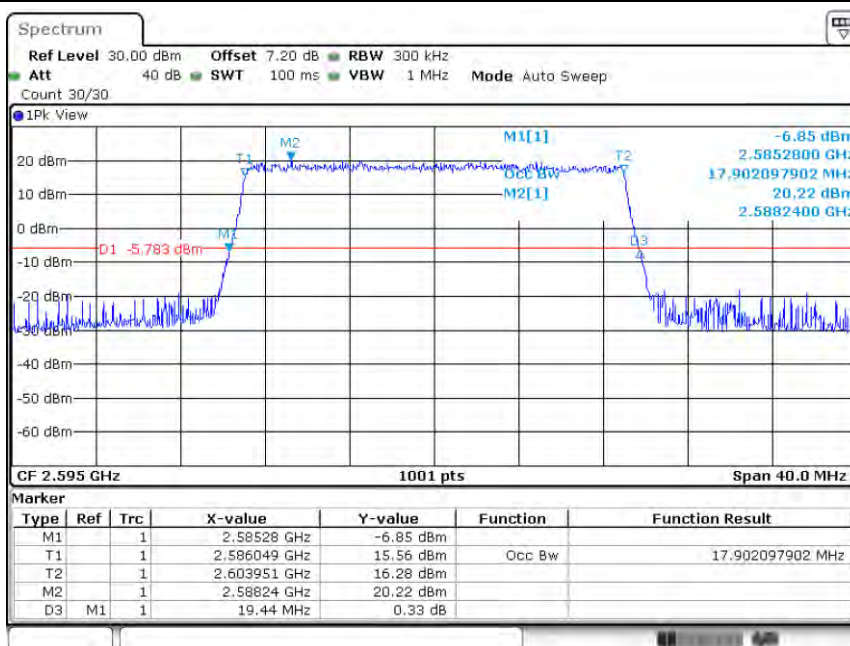


Band38-20MHz-QPSK-37850-100RB#0-17.902



Date: 5.FEB.2021 17:05:49

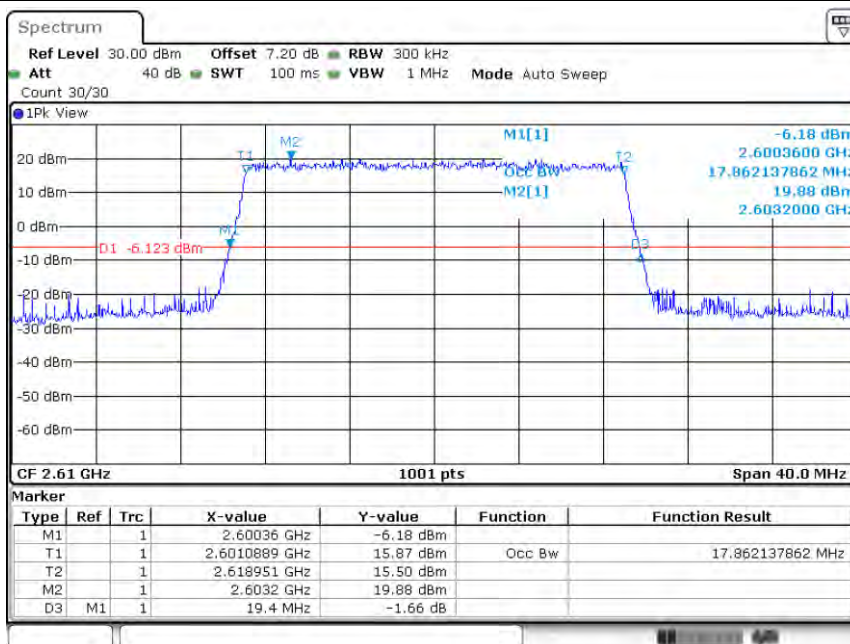
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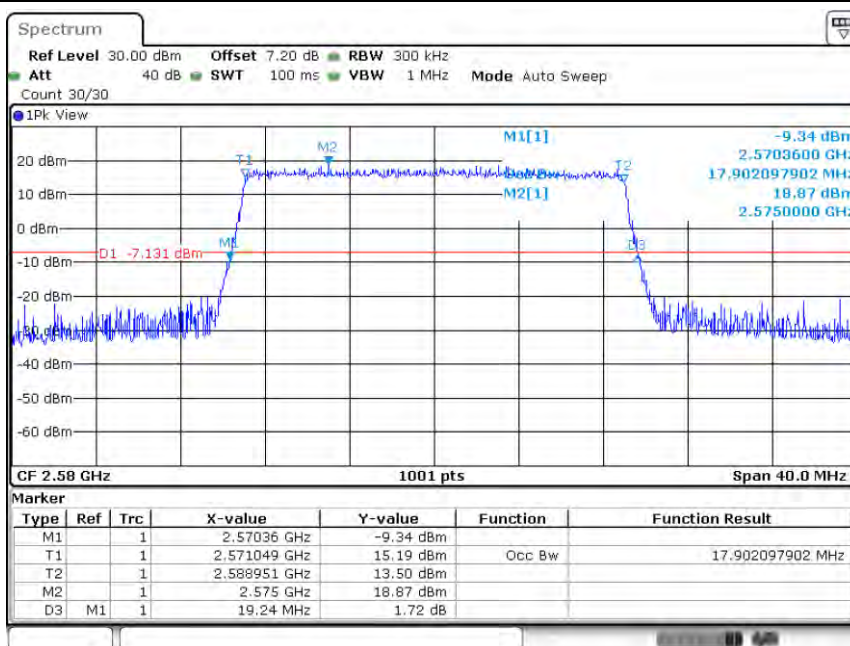


## Band38-20MHz-QPSK-38150-100RB#0-17.862



Date: 5.FEB.2021 17:06:42

## Band38-20MHz-64QAM-37850-100RB#0-17.902

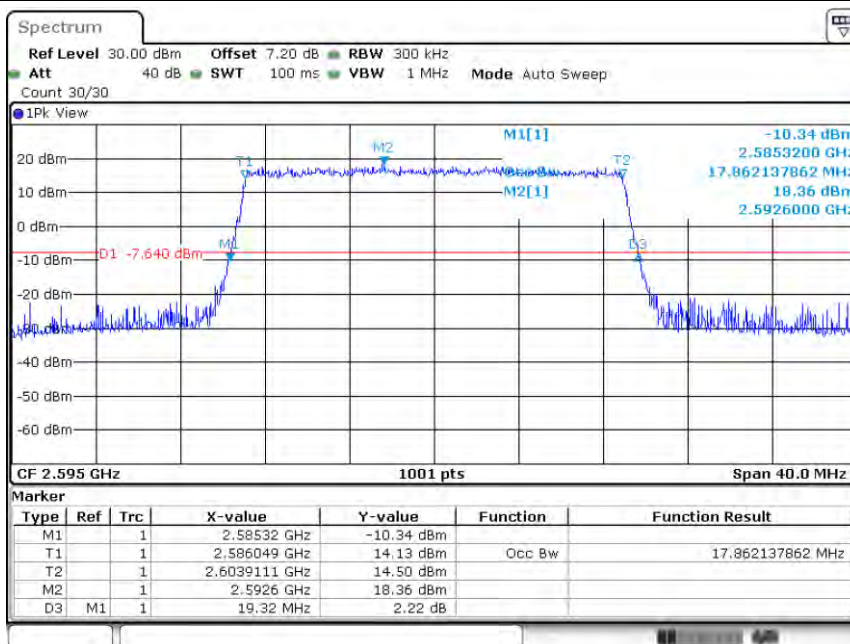


Date: 5.FEB.2021 20:07:07



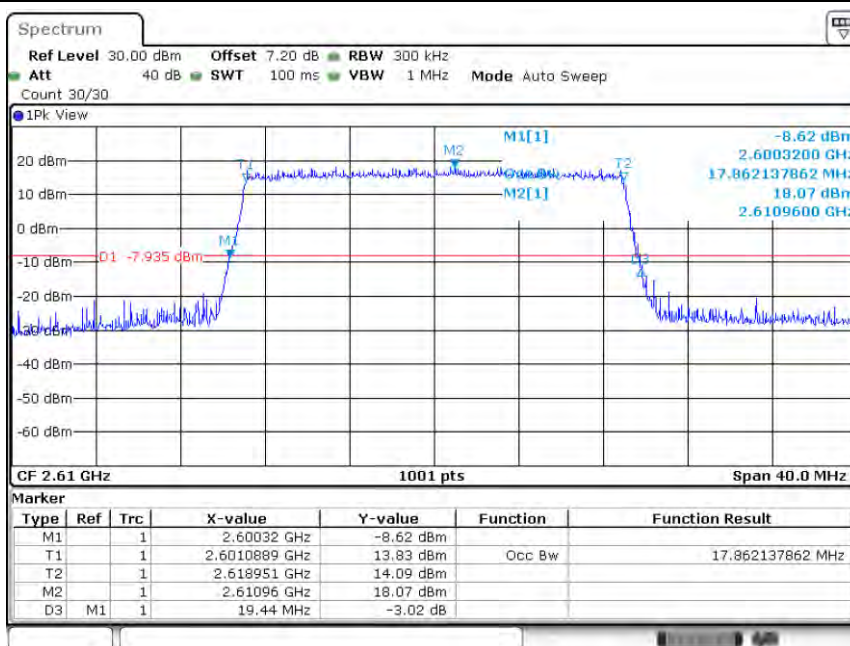


Band38-20MHz-64QAM-38000-100RB#0-17.862



Date: 5.FEB.2021 20:07:21

Band38-20MHz-64QAM-38150-100RB#0-17.862



Date: 5.FEB.2021 20:07:33

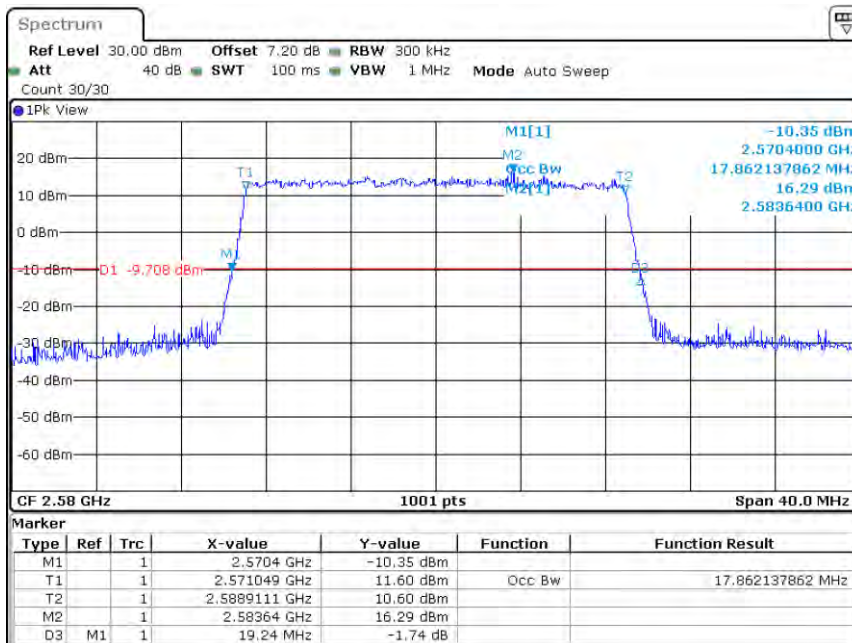


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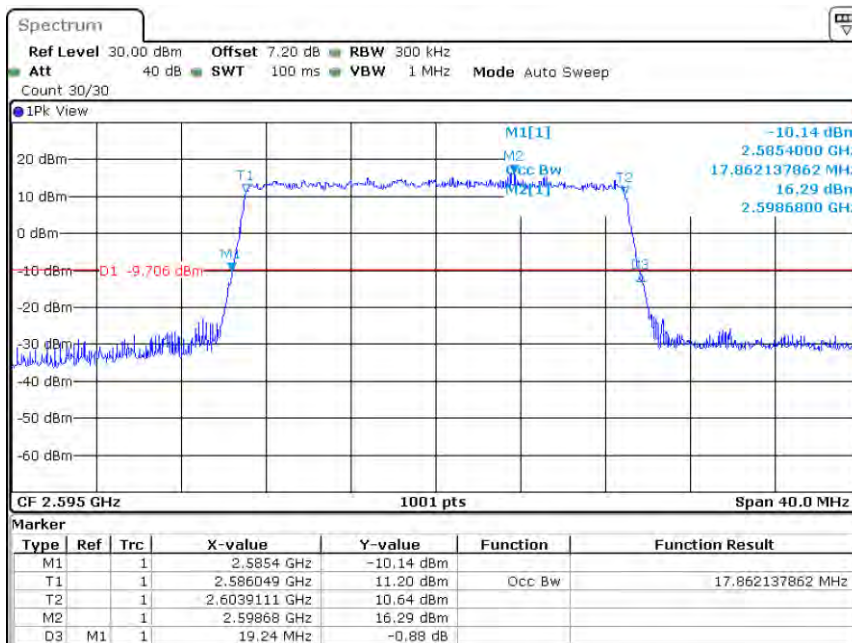


Band38-20MHz-256QAM-37850-100RB#0-17.862



Date: 26.FEB.2021 16:23:21

Band38-20MHz-256QAM-38000-100RB#0-17.862



Date: 26.FEB.2021 16:23:34

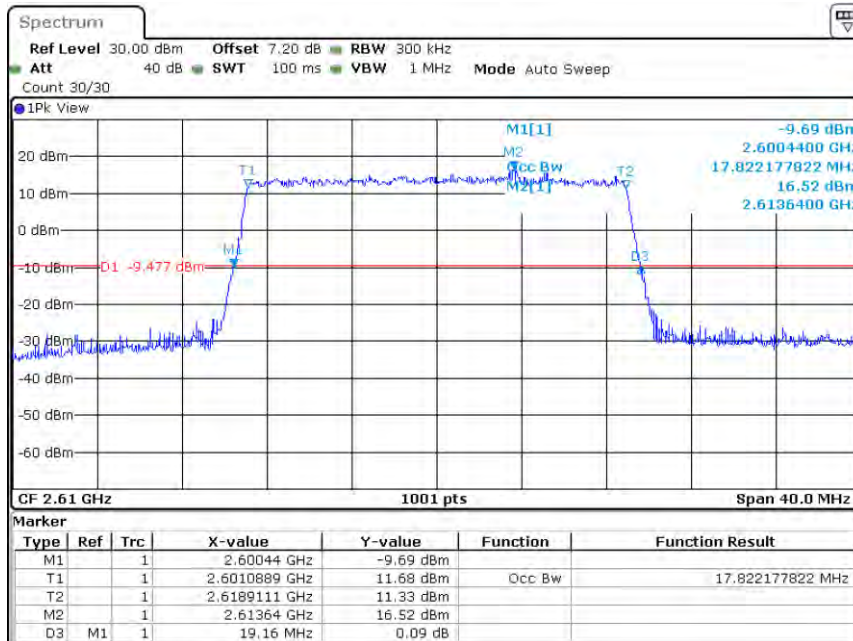


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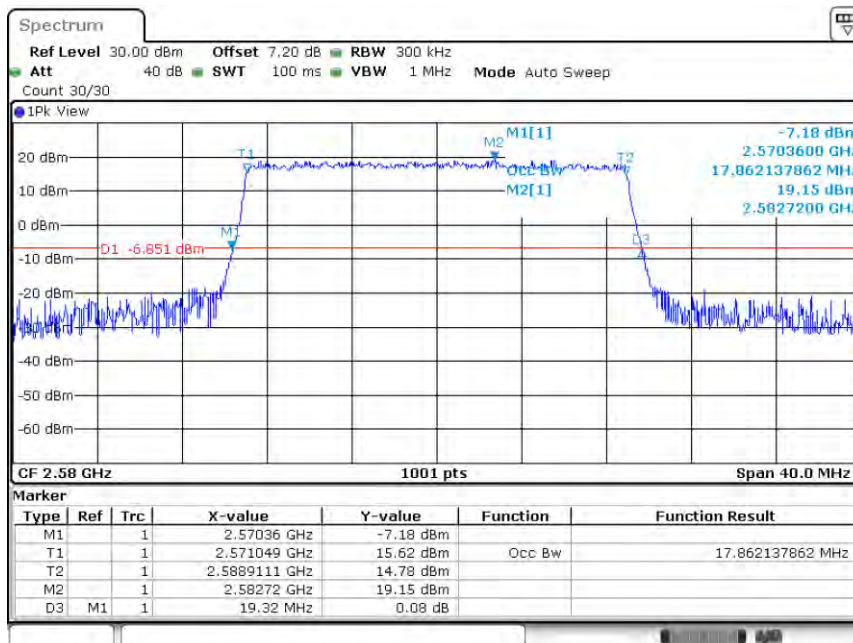


Band38-20MHz-256QAM-38150-100RB#0-17.822



Date: 26.FEB.2021 16:23:47

Band38-20MHz-16QAM-37850-100RB#0-17.862



Date: 5.FEB.2021 17:06:01



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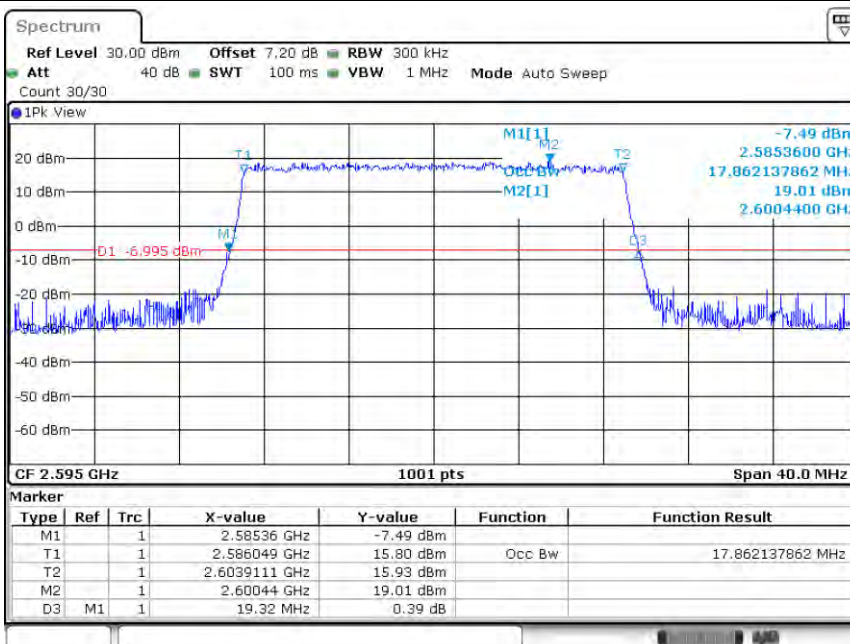
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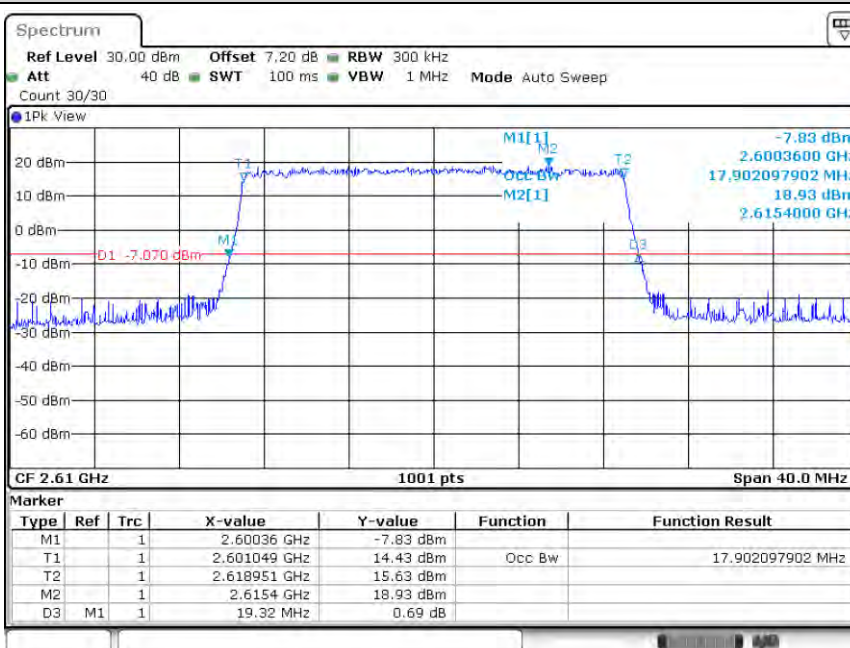


Band38-20MHz-16QAM-38000-100RB#0-17.862



Date: 5.FEB 2021 17:06:27

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Date: 5.FEB 2021 17:06:56



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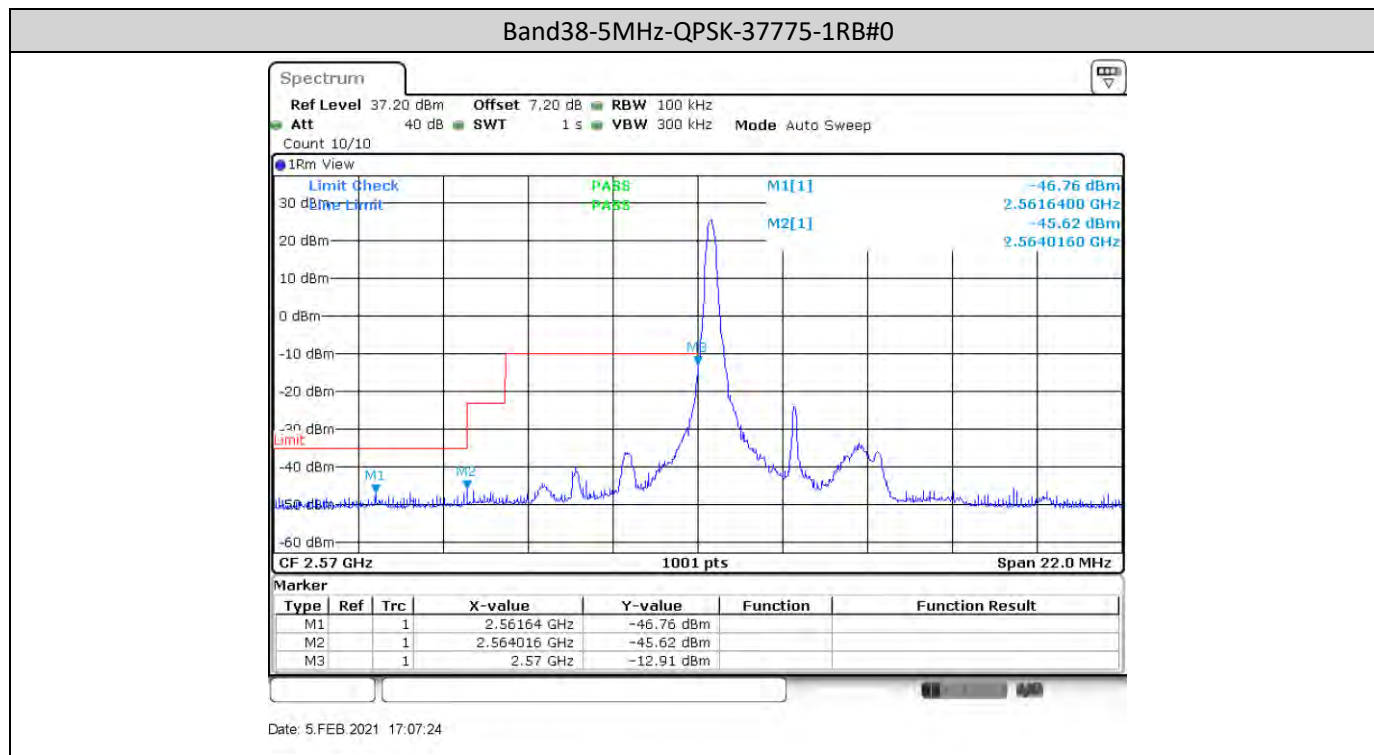
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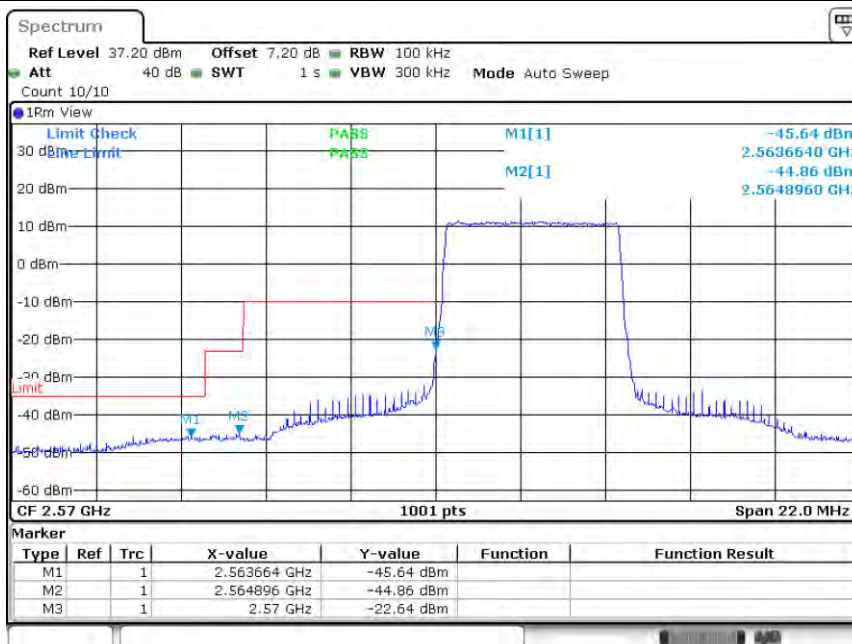
## 5. Band Edge Compliance

### 5.1. Test Plots



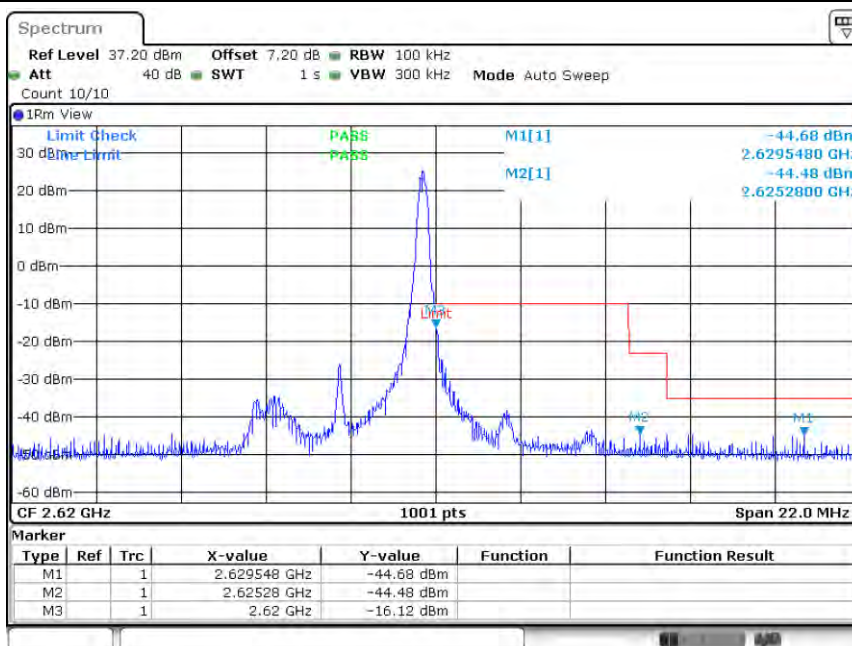


Band38-5MHz-QPSK-37775-25RB#0



Date: 5.FEB 2021 17:08:59

Band38-5MHz-QPSK-38225-1RB#24

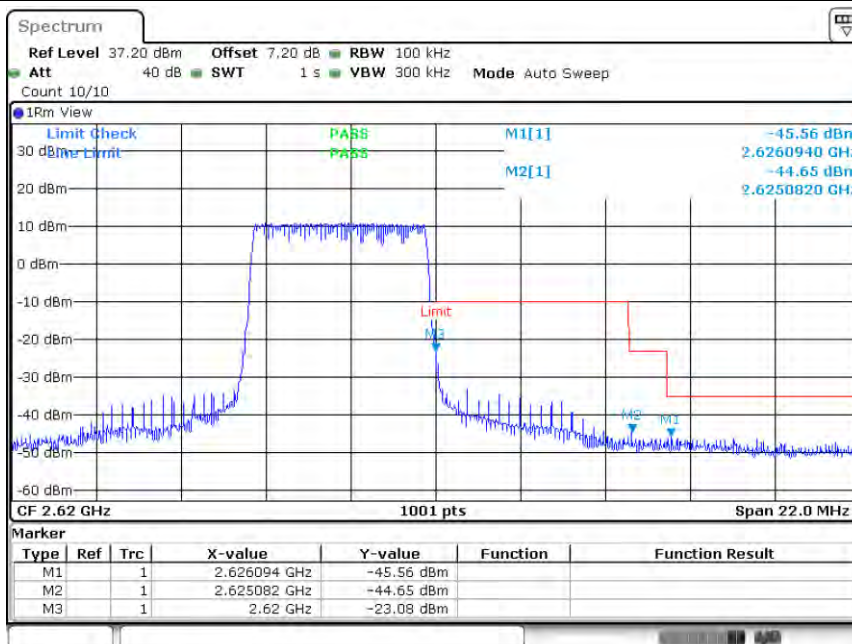


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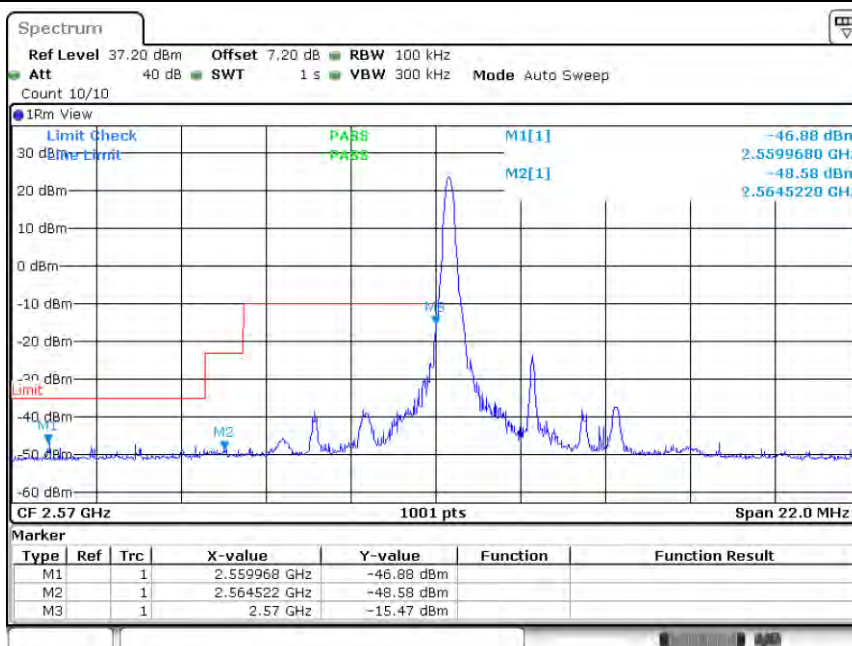


Band38-5MHz-QPSK-38225-25RB#0



Date: 5.FEB 2021 17:09:42

Band38-5MHz-64QAM-37775-1RB#0



Date: 5.FEB 2021 20:08:00



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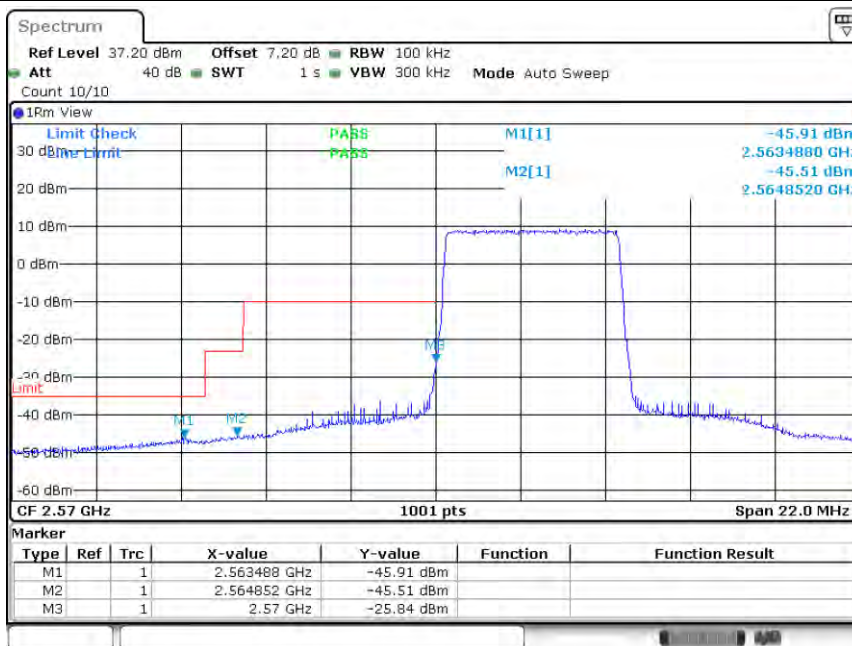
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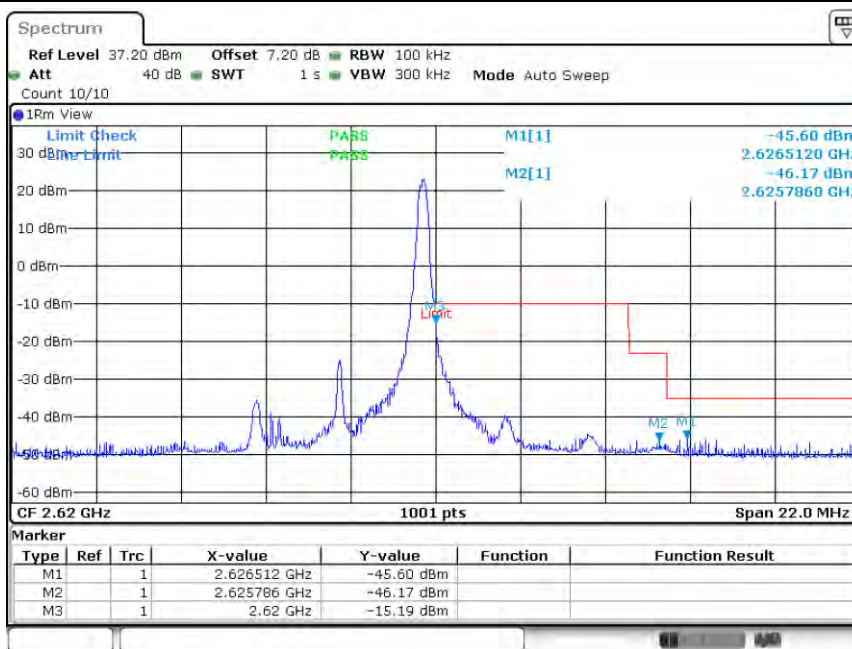


Band38-5MHz-64QAM-37775-25RB#0



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Band38-5MHz-64QAM-38225-1RB#24



Date: 5.FEB 2021 20:19:55



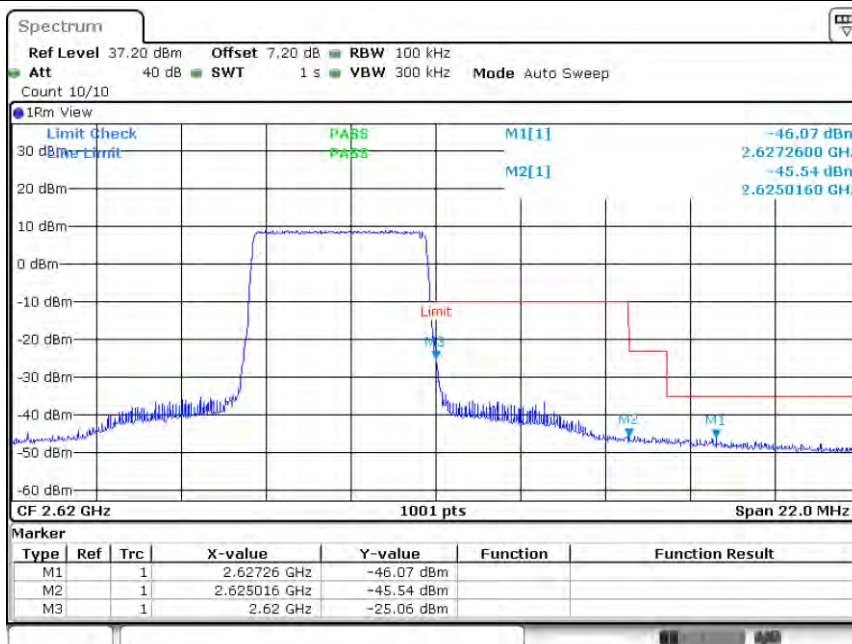
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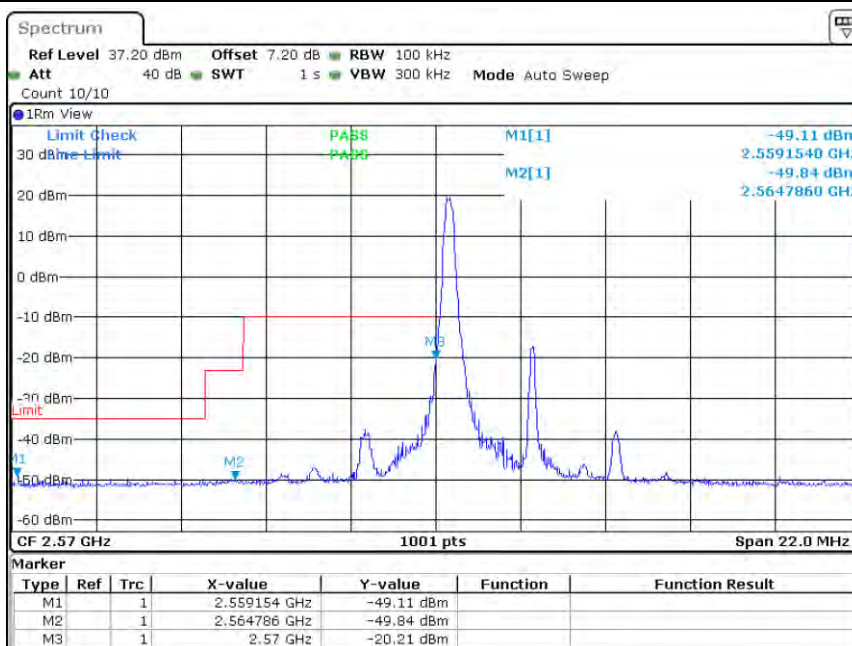


Band38-5MHz-64QAM-38225-25RB#0



Date: 5.FEB.2021 20:21:35

Band38-5MHz-256QAM-37775-1RB#0



Date: 26.FEB.2021 16:24:14



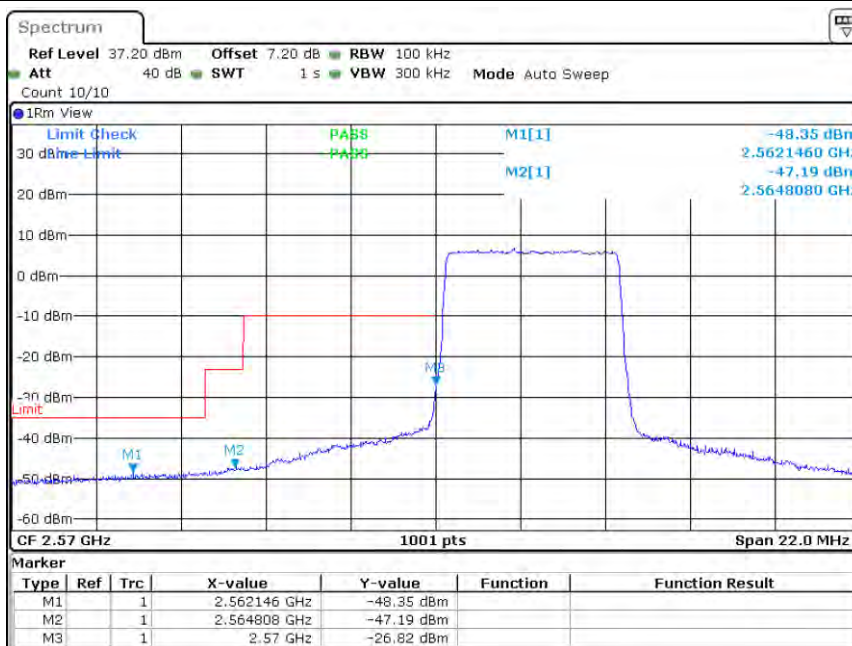
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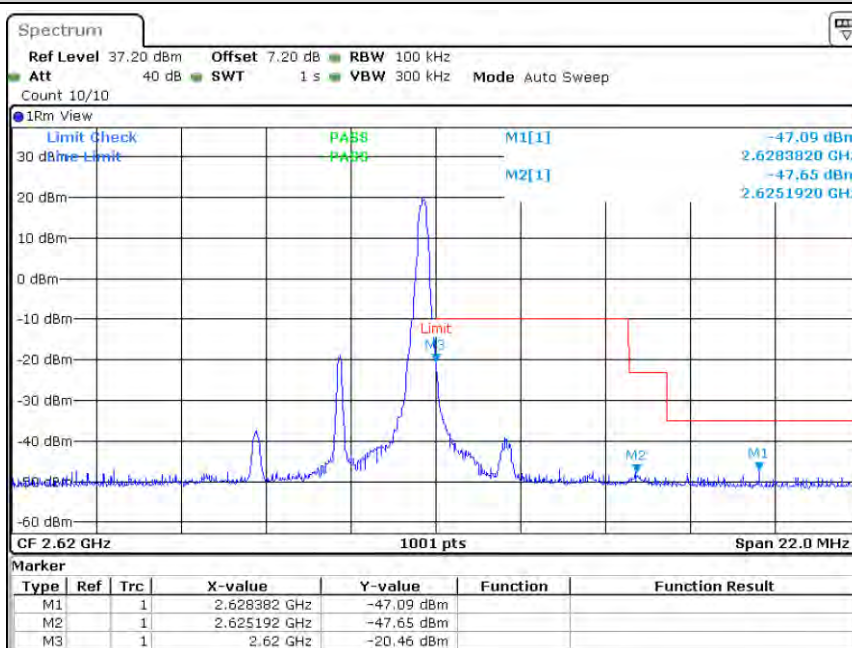


Band38-5MHz-256QAM-37775-25RB#0



Date: 26.FEB.2021 17:04:55

Band38-5MHz-256QAM-38225-1RB#24

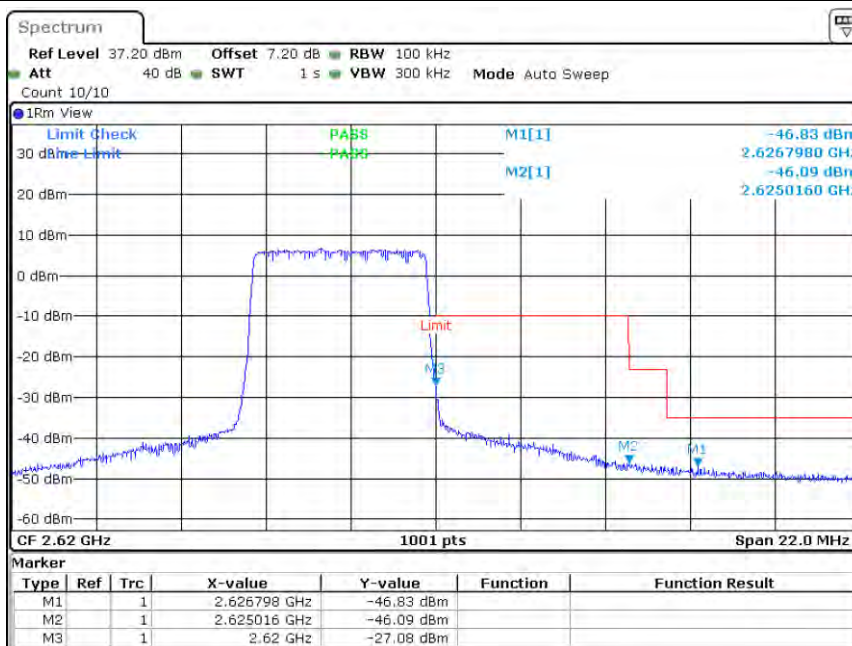


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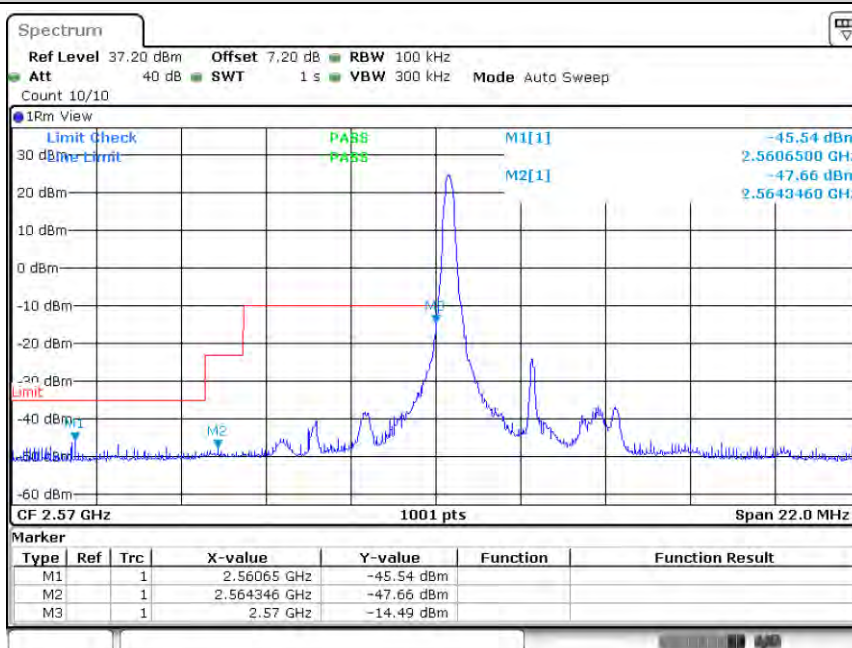


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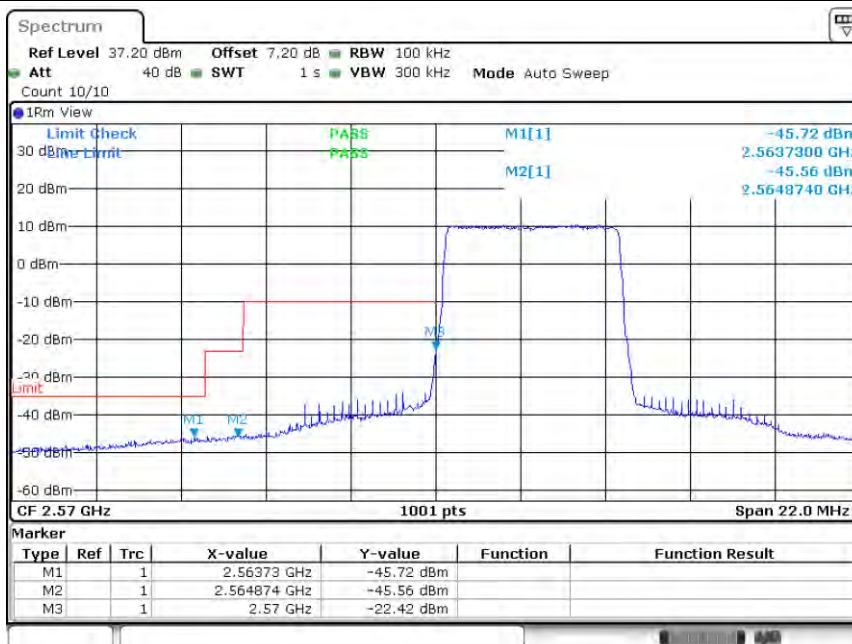
Band38-5MHz-16QAM-37775-1RB#0



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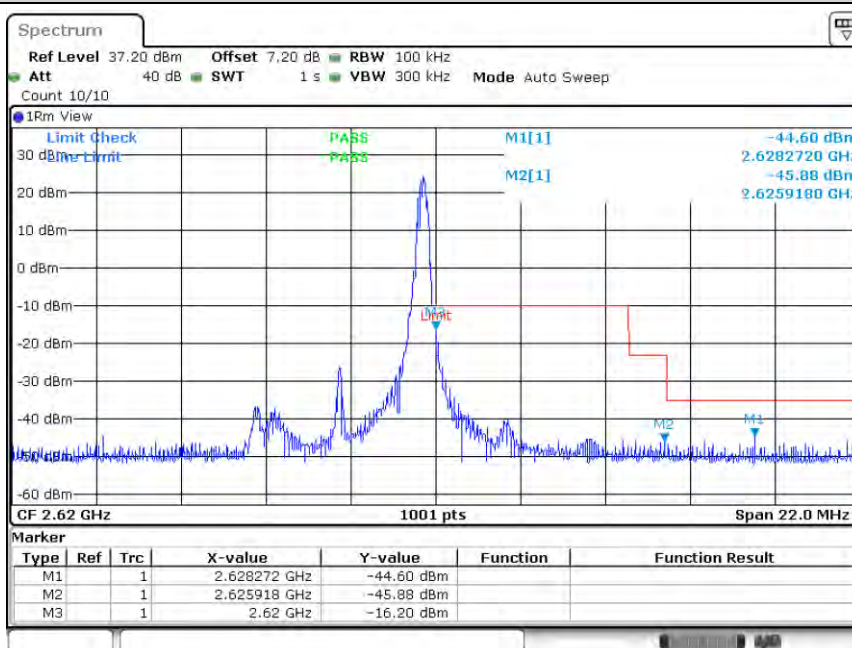


Band38-5MHz-16QAM-37775-25RB#0



Date: 5 FEB 2021 17:09:21

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Date: 5.FEB.2021 17:08:33



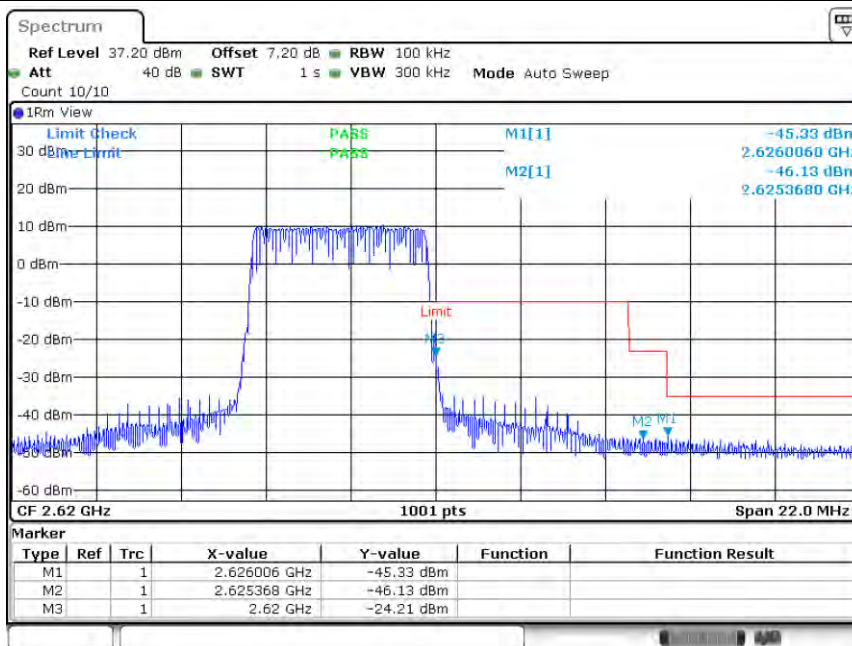
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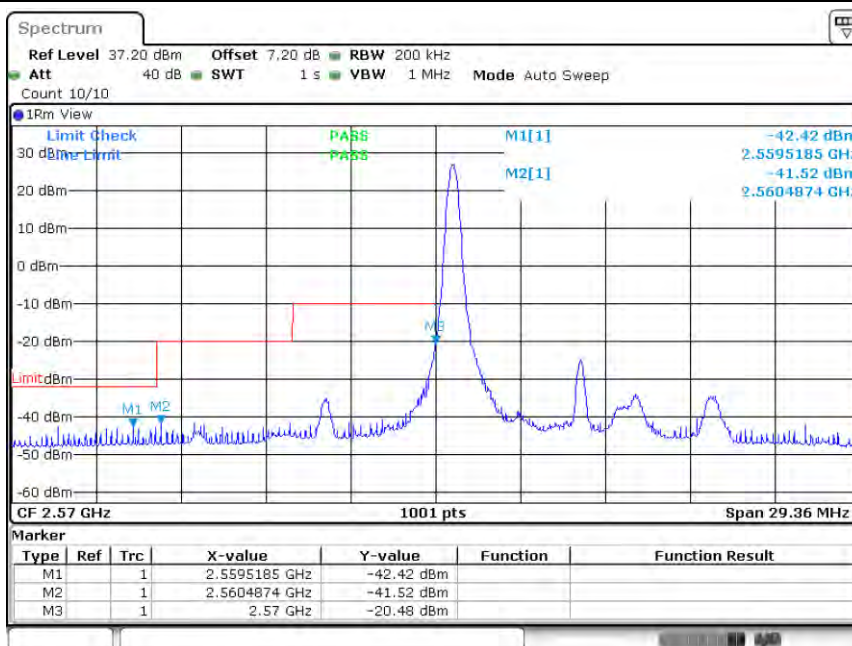


Band38-5MHz-16QAM-38225-25RB#0



Date: 5.FEB.2021 17:10:04

Band38-10MHz-QPSK-37800-1RB#0



Date: 5.FEB.2021 17:10:30

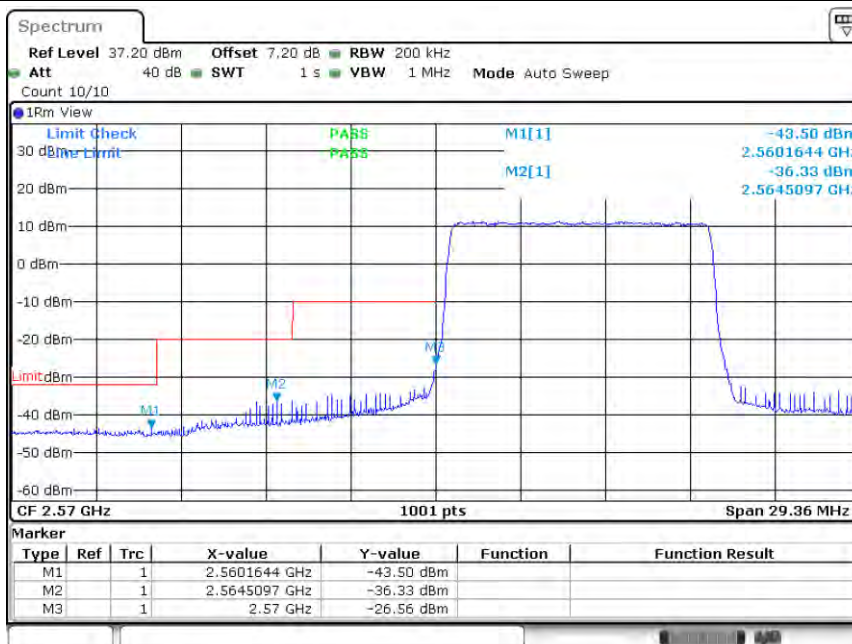


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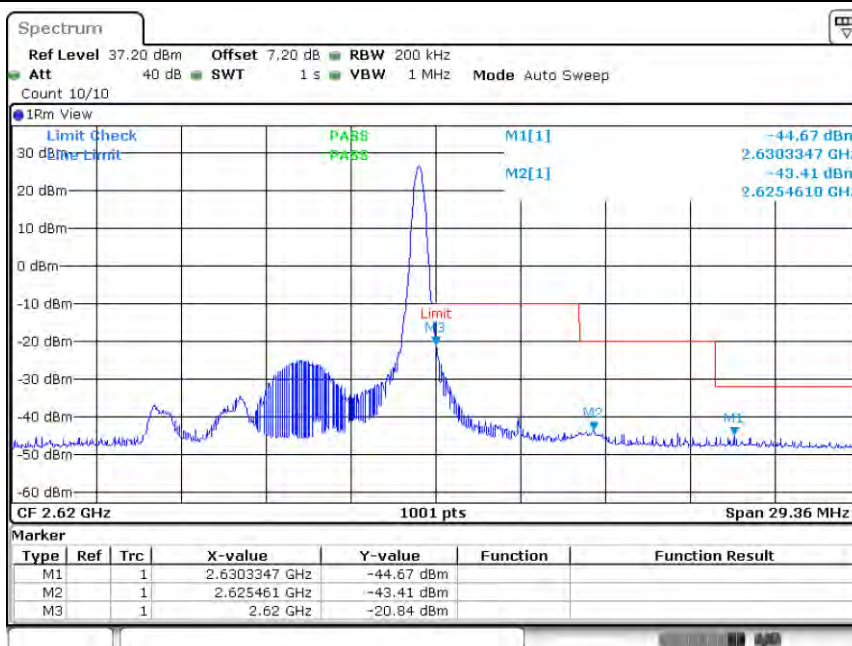


Band38-10MHz-QPSK-37800-50RB#0



Date: 5.FEB 2021 17:12:06

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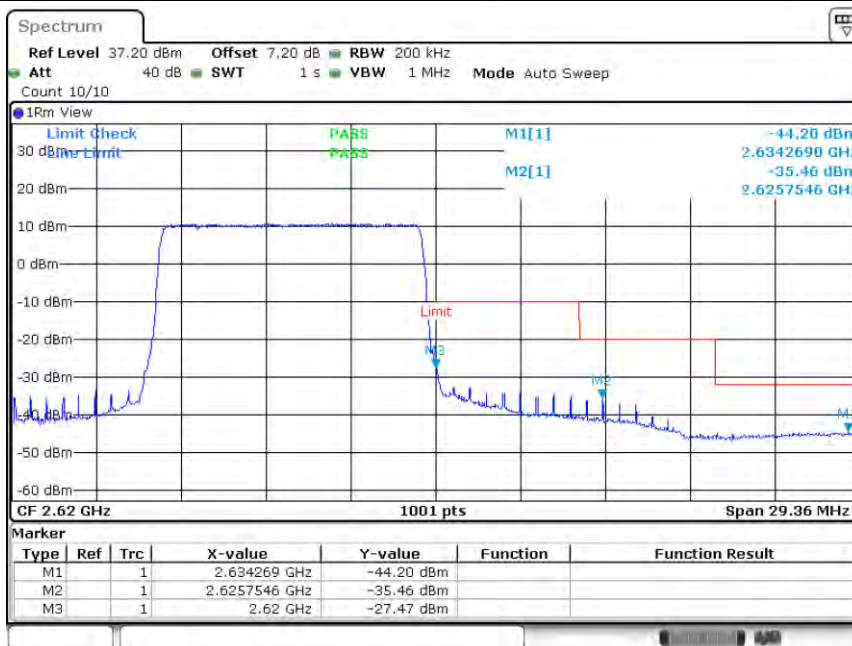


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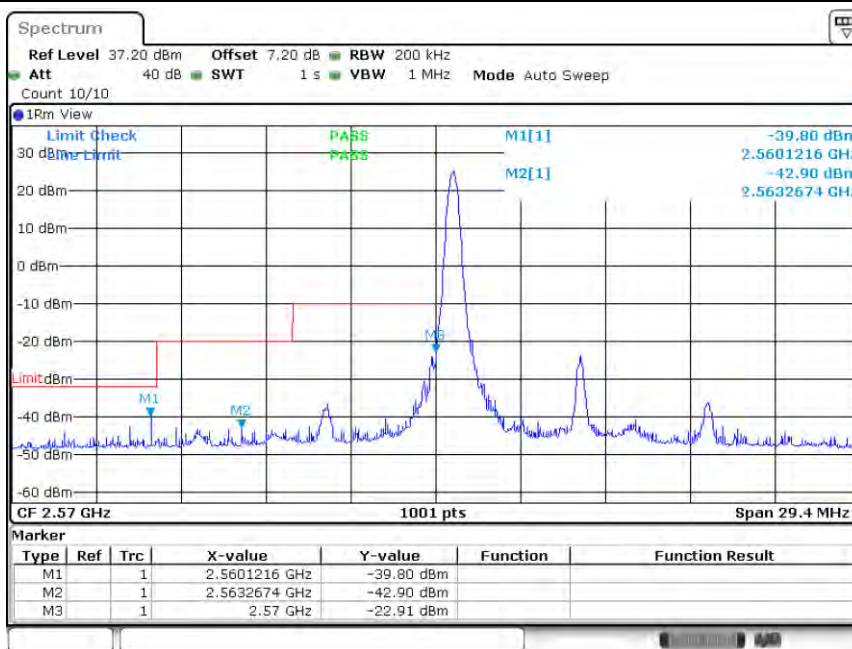


Band38-10MHz-QPSK-38200-50RB#0



Date: 5.FEB.2021 17:12:49

Band38-10MHz-64QAM-37800-1RB#0



Date: 5.FEB.2021 20:09:41

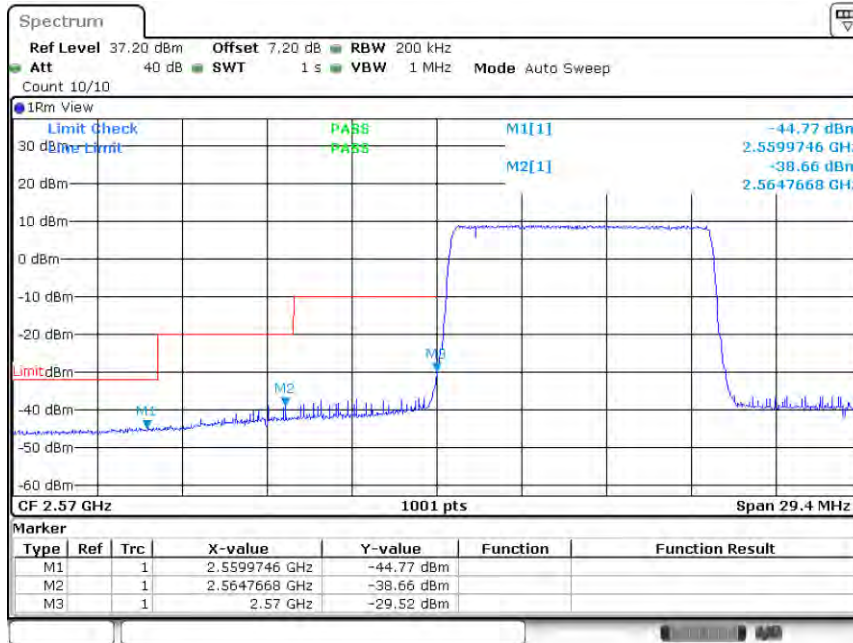


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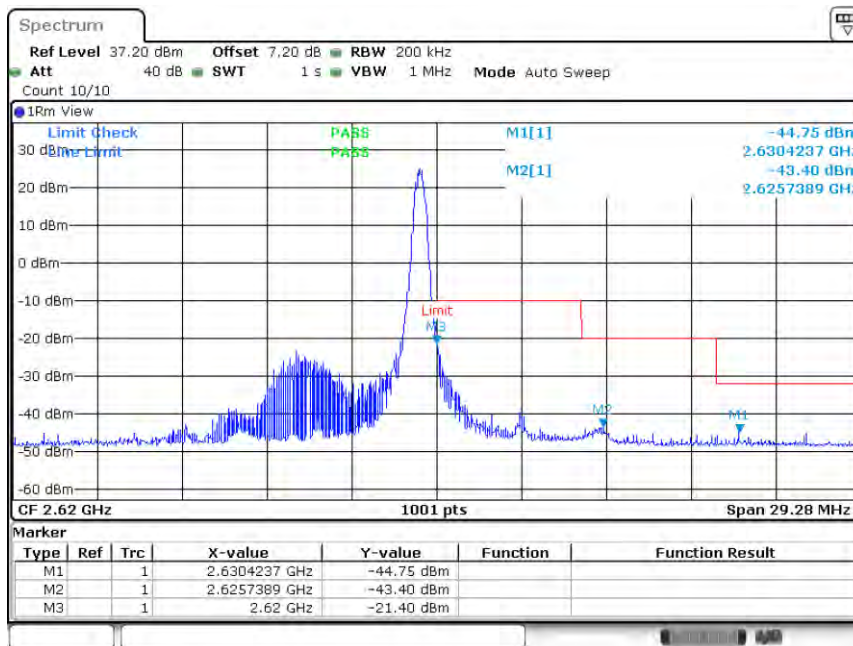
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Band38-10MHz-64QAM-37800-50RB#0



Band38-10MHz-64QAM-38200-1RB#49

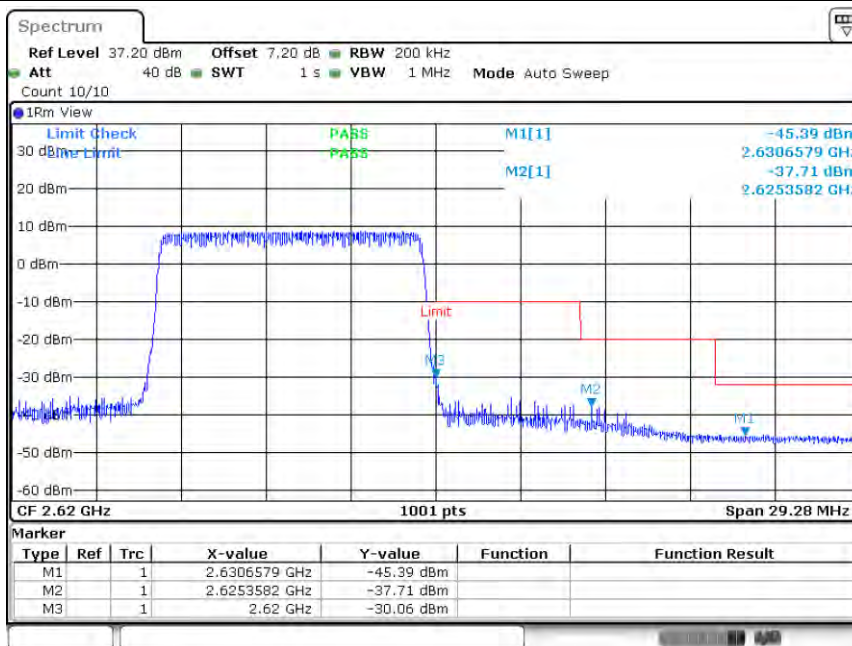


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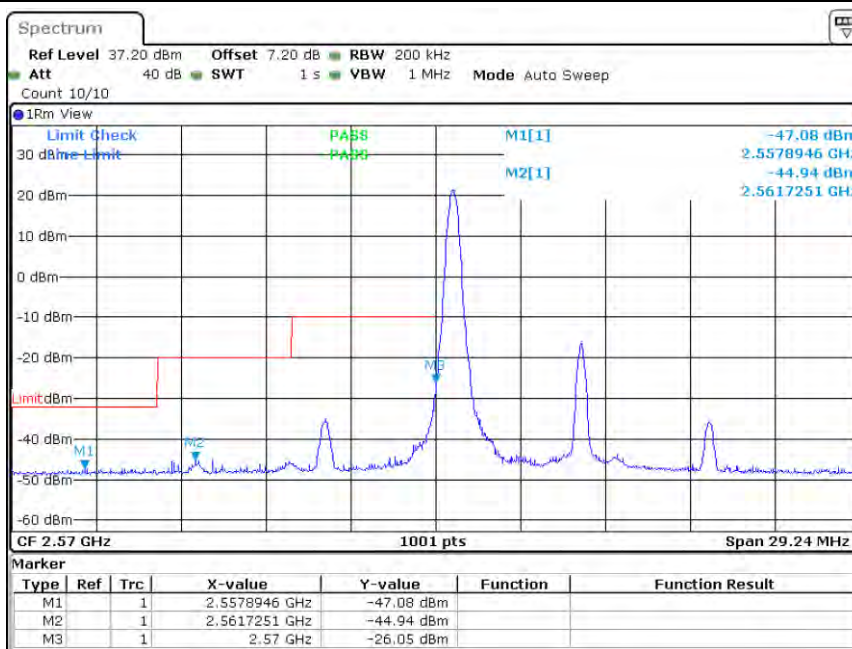


Band38-10MHz-64QAM-38200-50RB#0



Date: 5.FEB.2021 20:10:55

Band38-10MHz-256QAM-37800-1RB#0

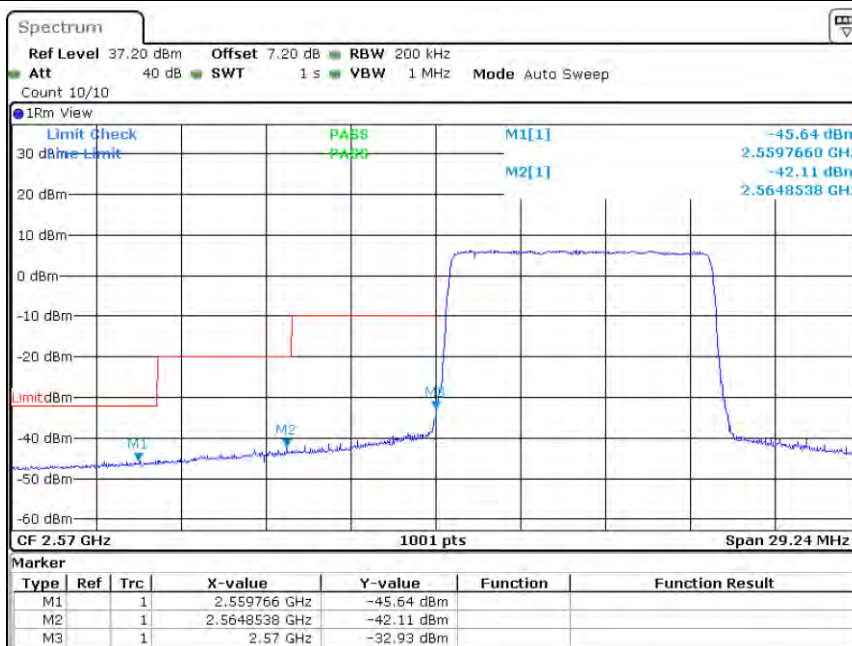


Date: 26.FEB.2021 16:25:56



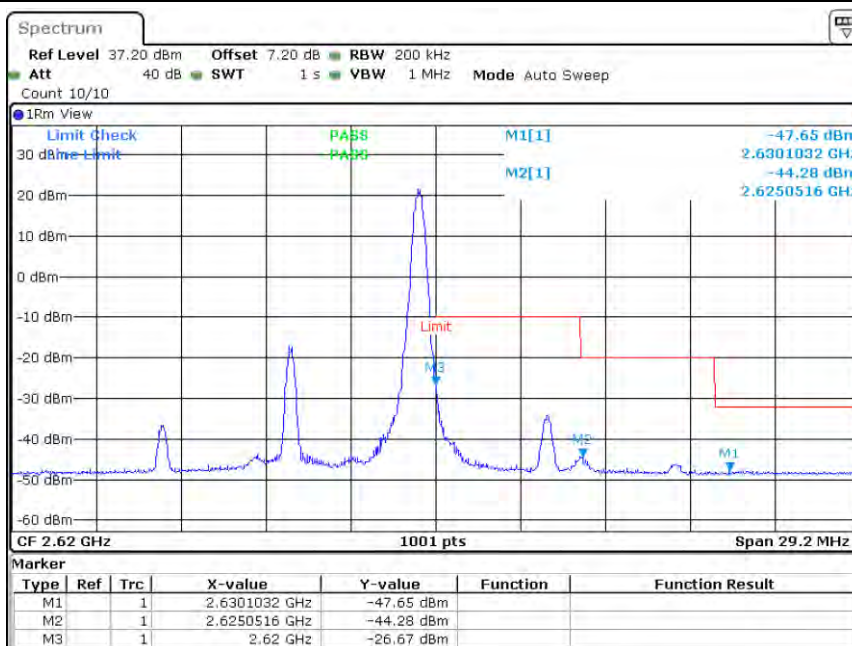


Band38-10MHz-256QAM-37800-50RB#0



Date: 26.FEB.2021 16:26:48

Band38-10MHz-256QAM-38200-1RB#49



Date: 26.FEB.2021 16:26:22



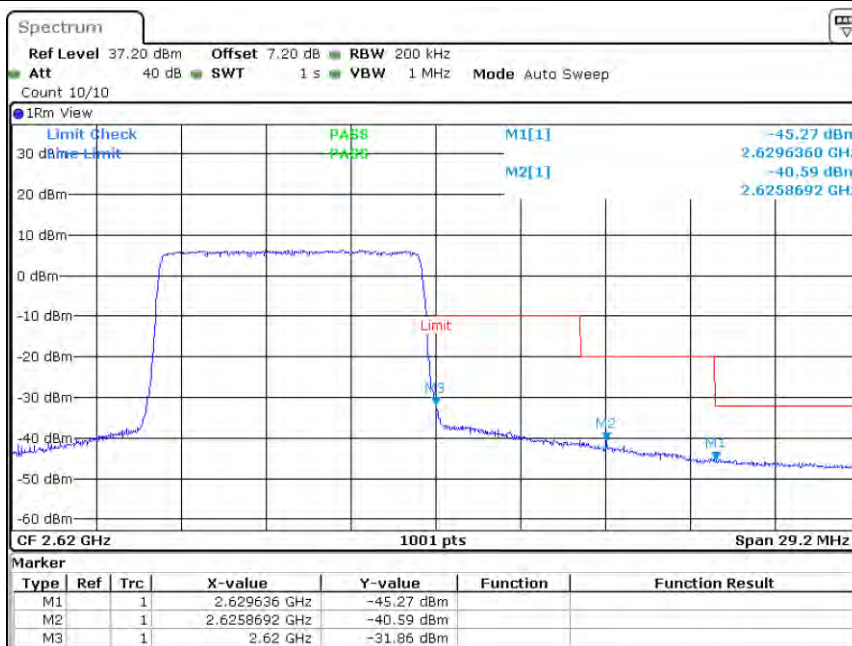
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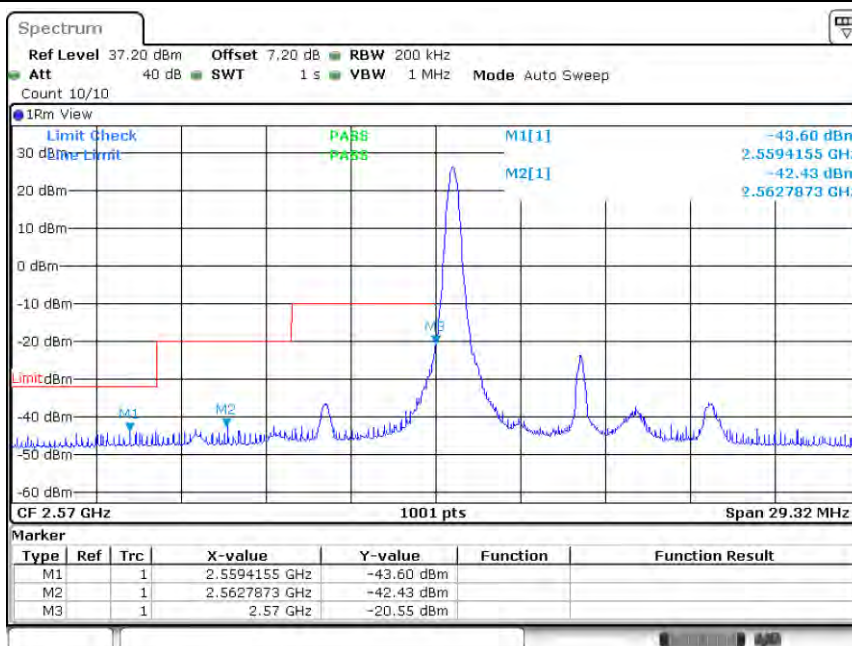


Band38-10MHz-256QAM-38200-50RB#0



Date: 26.FEB.2021 16:27:10

Band38-10MHz-16QAM-37800-1RB#0

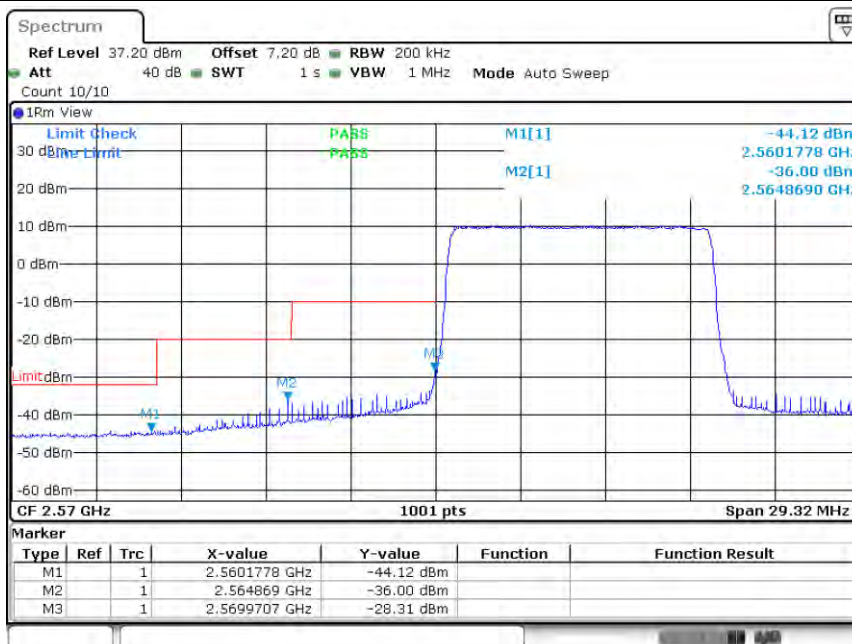


Date: 5.FEB.2021 17:10:52



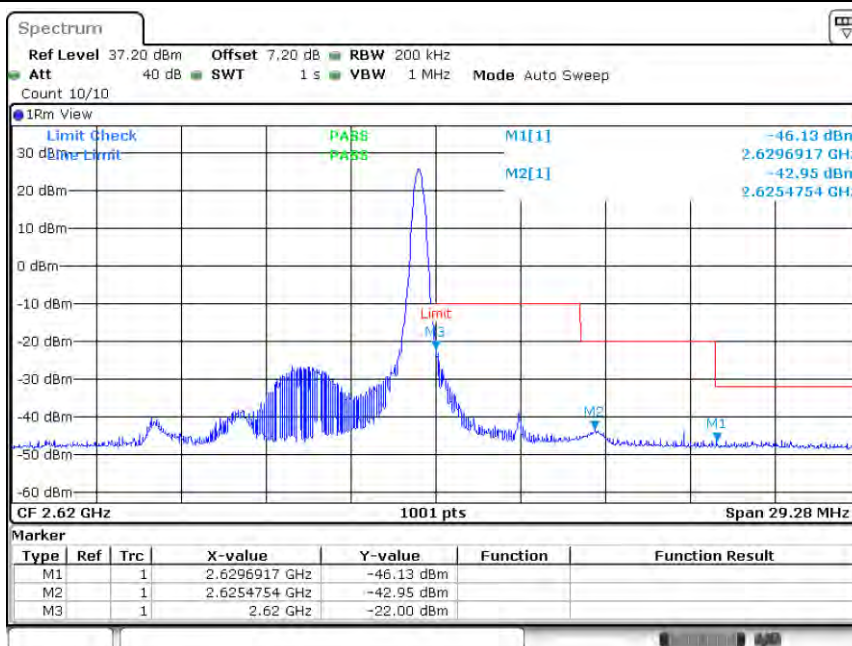


Band38-10MHz-16QAM-37800-50RB#0



Date: 5.FEB.2021 17:12:27

Band38-10MHz-16QAM-38200-1RB#49



Date: 5.FEB.2021 17:11:40

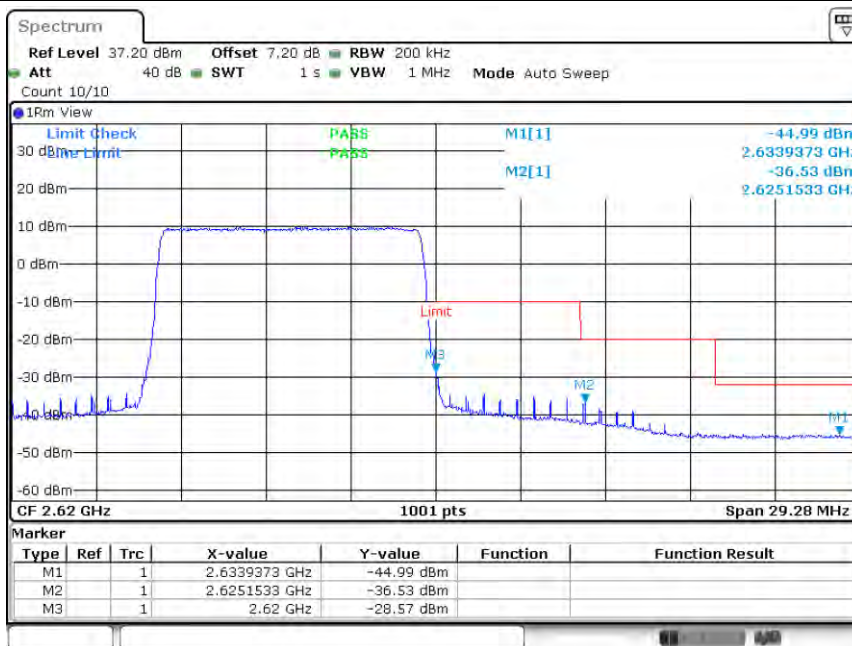


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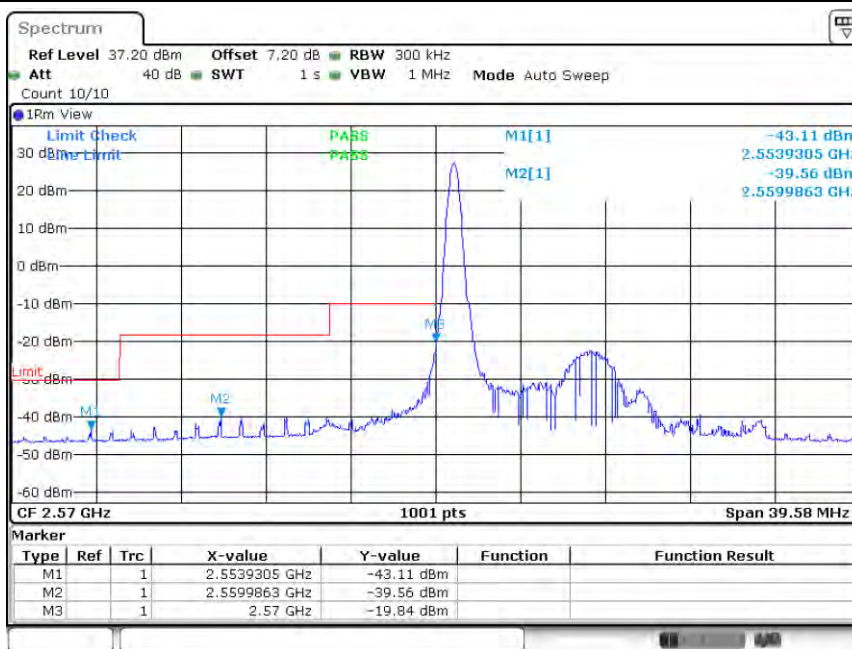


Band38-10MHz-16QAM-38200-50RB#0



Date: 5.FEB 2021 17:13:11

Band38-15MHz-QPSK-37825-1RB#0



Date: 5.FEB 2021 17:13:37

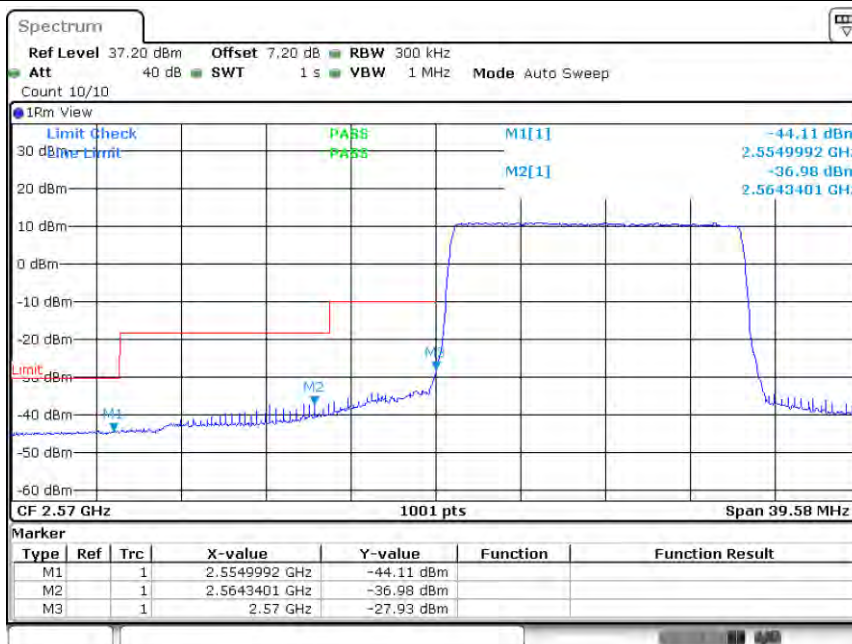


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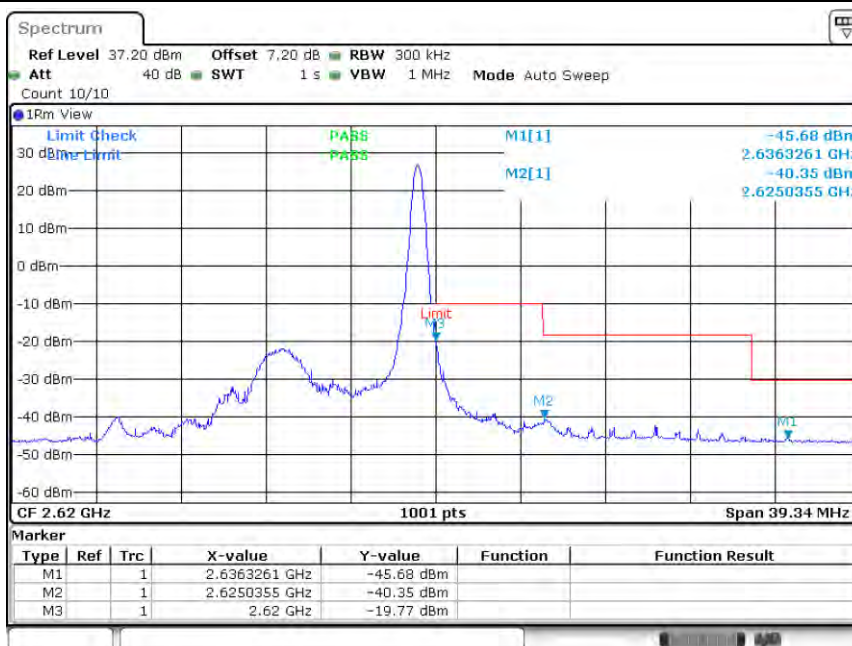


Band38-15MHz-QPSK-37825-75RB#0



Date: 5.FEB 2021 17:15:19

Band38-15MHz-QPSK-38175-1RB#74

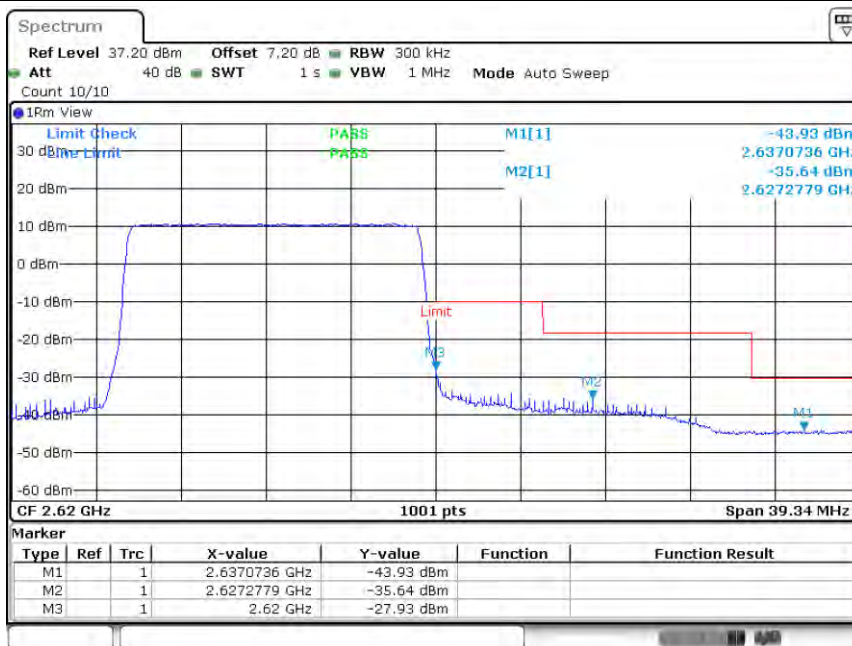


Date: 5.FEB 2021 17:14:31



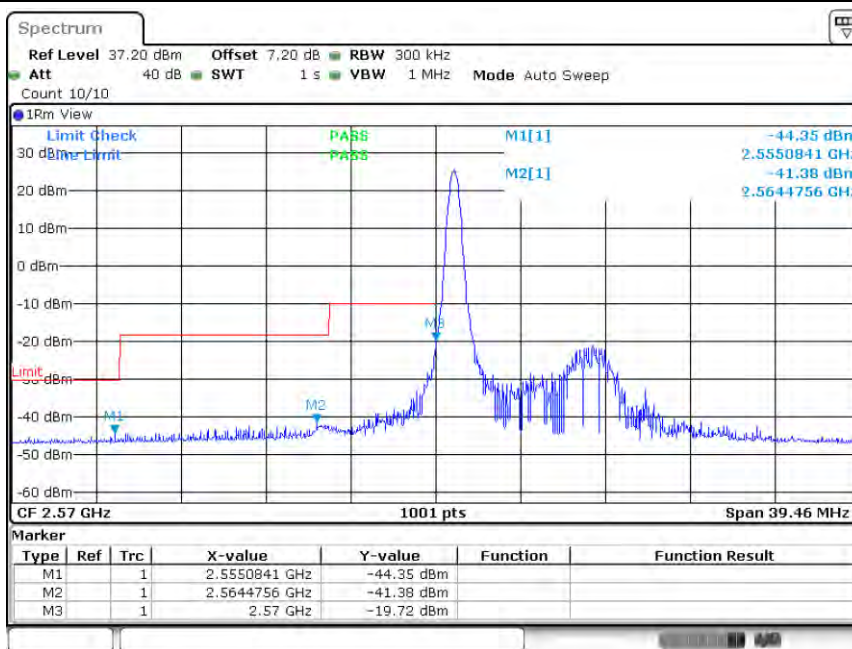


Band38-15MHz-QPSK-38175-75RB#0



Date: 5.FEB 2021 17:16:02

Band38-15MHz-64QAM-37825-1RB#0

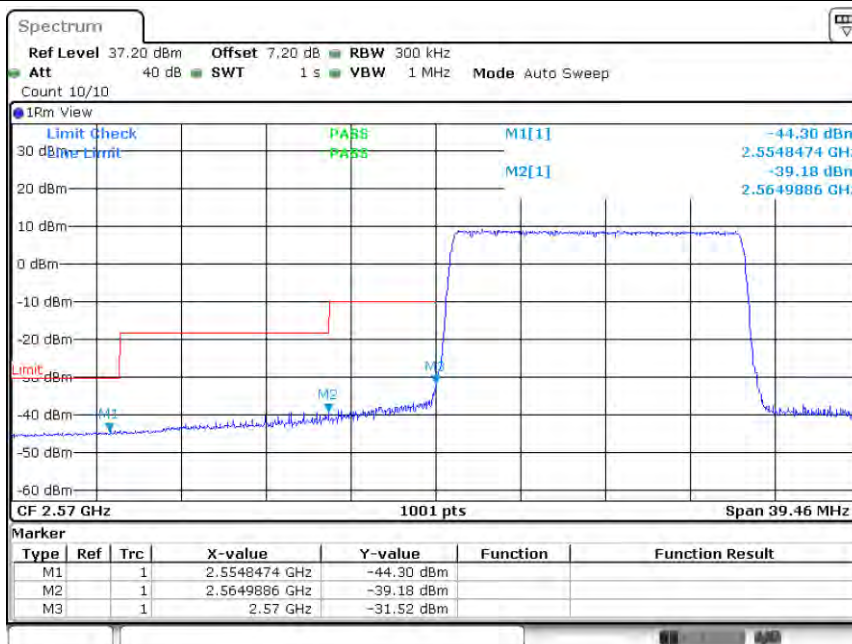


Date: 5.FEB 2021 20:11:21



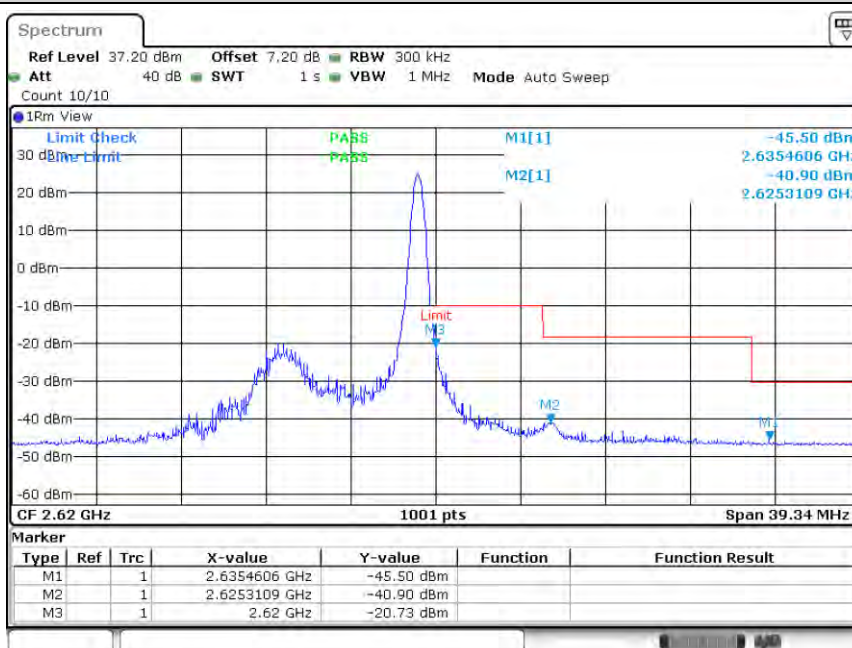


Band38-15MHz-64QAM-37825-75RB#0



Date: 5.FEB 2021 20:12:13

Band38-15MHz-64QAM-38175-1RB#74



Date: 5.FEB 2021 20:11:47



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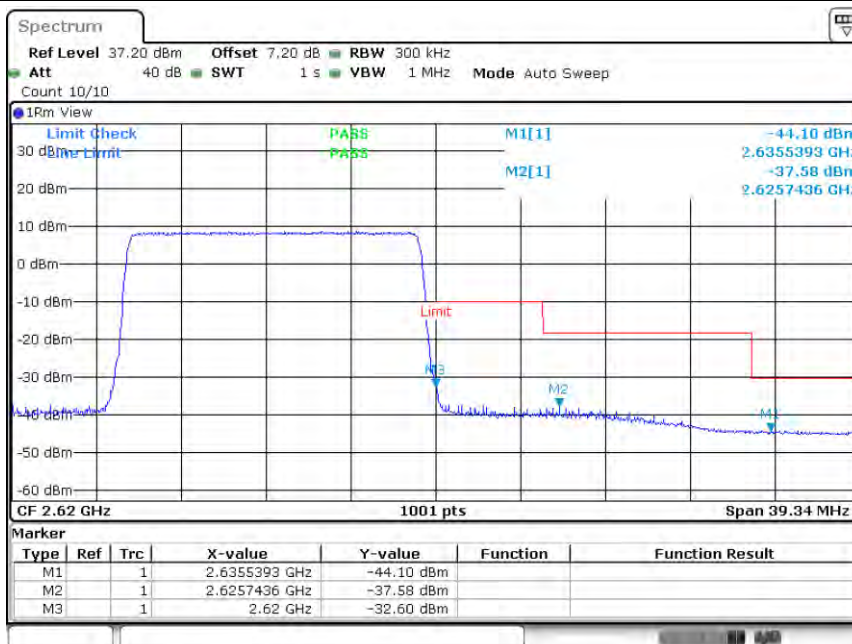
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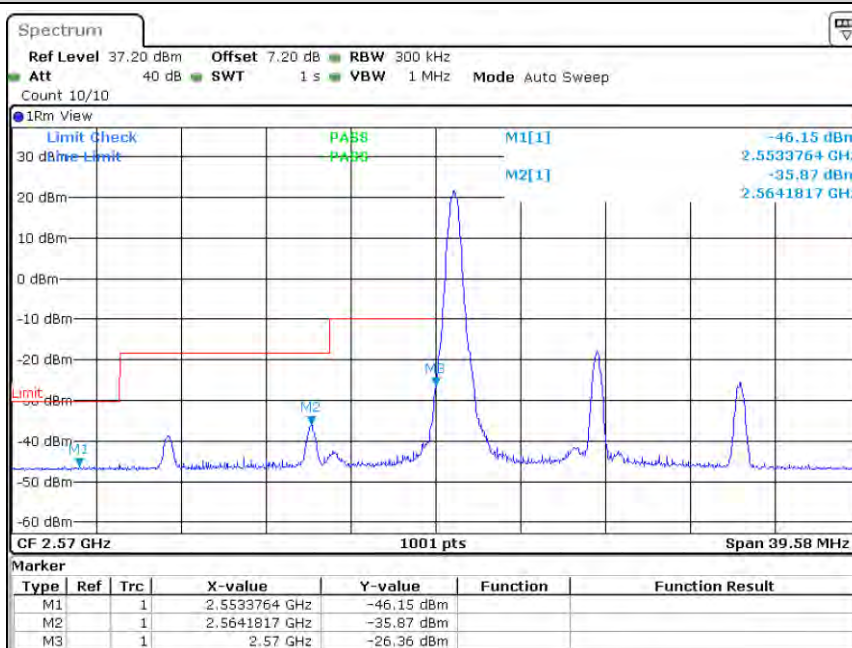


Band38-15MHz-64QAM-38175-75RB#0



Date: 5.FEB.2021 20:12:35

Band38-15MHz-256QAM-37825-1RB#0



Date: 26.FEB.2021 16:27:37



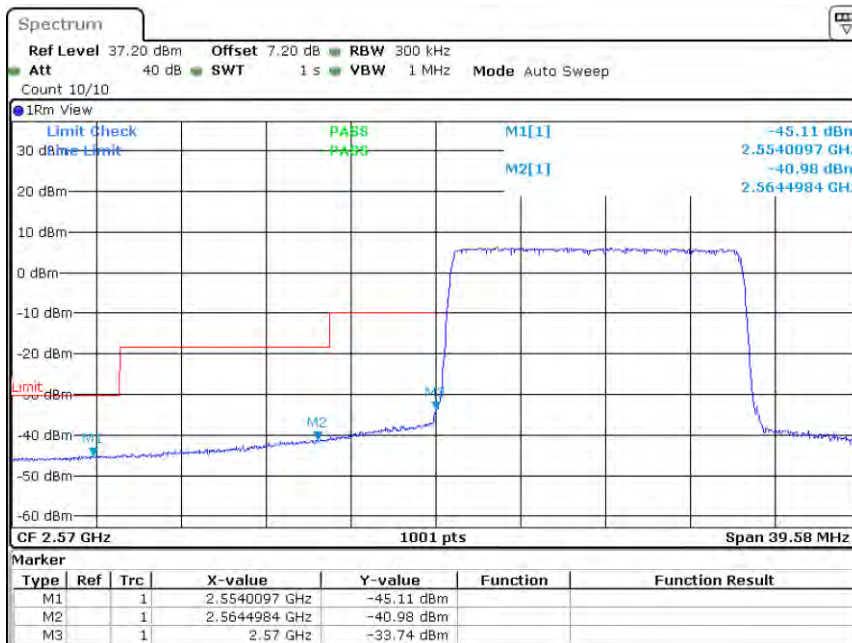
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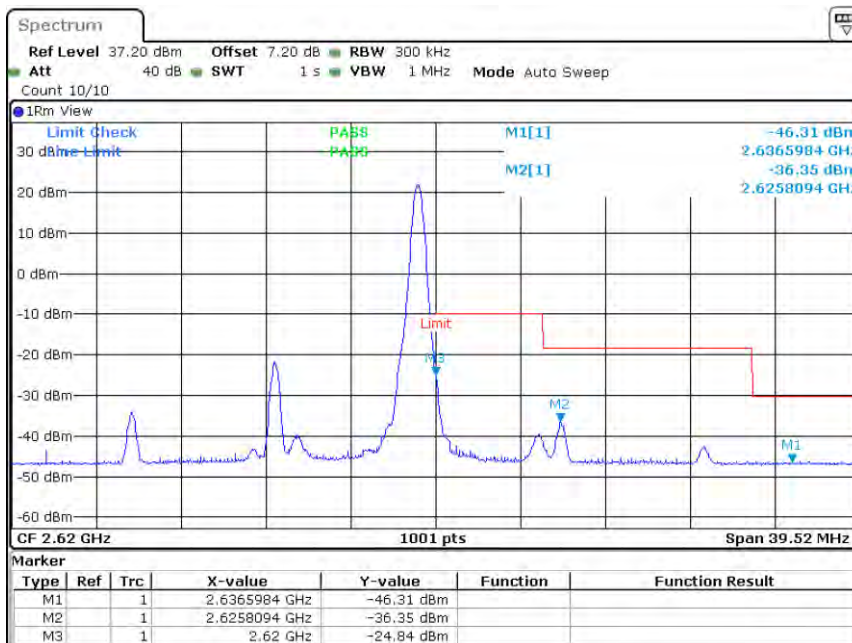


Band38-15MHz-256QAM-37825-75RB#0



Date: 26.FEB.2021 16:28:30

Band38-15MHz-256QAM-38175-1RB#74

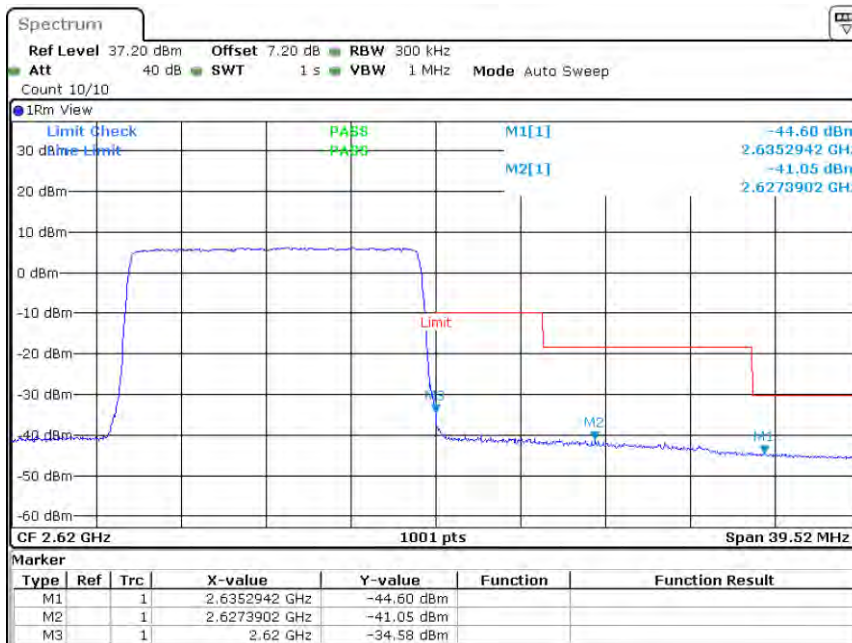


Date: 26.FEB.2021 16:28:04



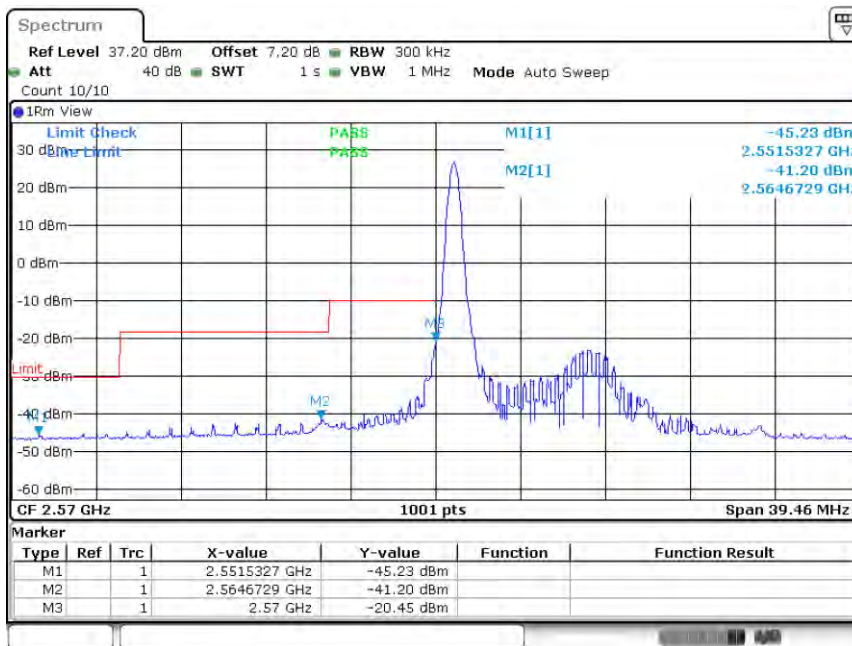


Band38-15MHz-256QAM-38175-75RB#0



Date: 26.FEB.2021 16:28:52

Band38-15MHz-16QAM-37825-1RB#0



Date: 5.FEB.2021 17:14:05

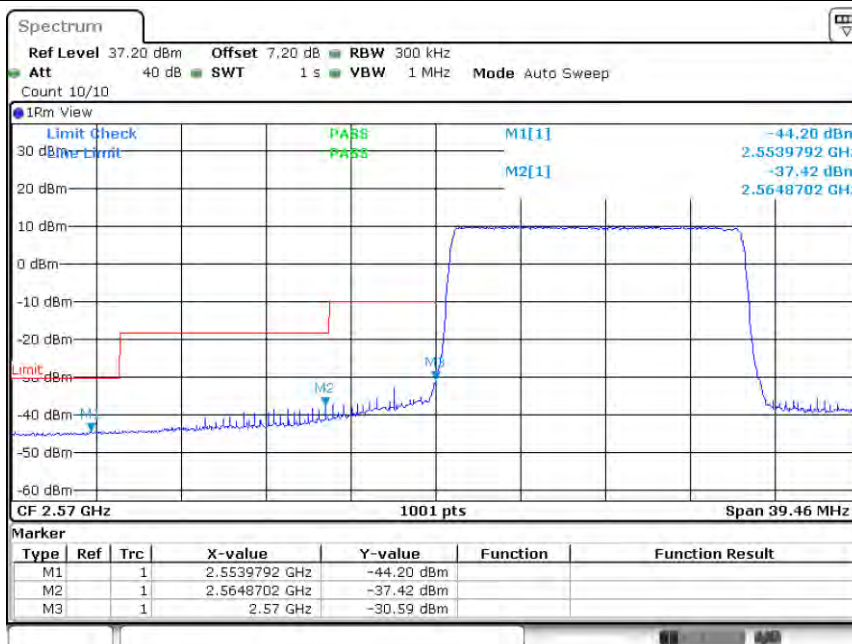


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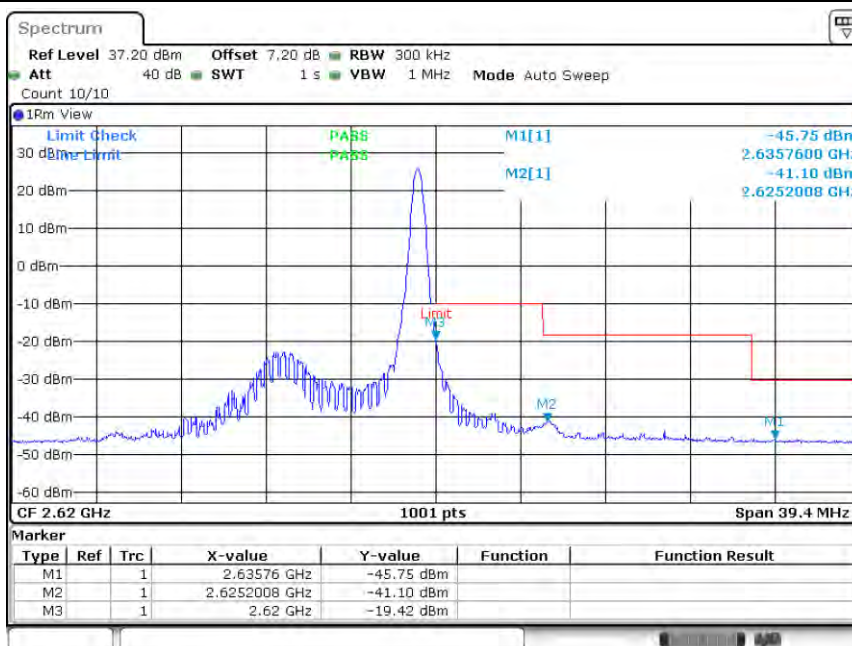


Band38-15MHz-16QAM-37825-75RB#0



Date: 5.FEB 2021 17:15:40

Band38-15MHz-16QAM-38175-1RB#74



Date: 5.FEB 2021 17:14:53

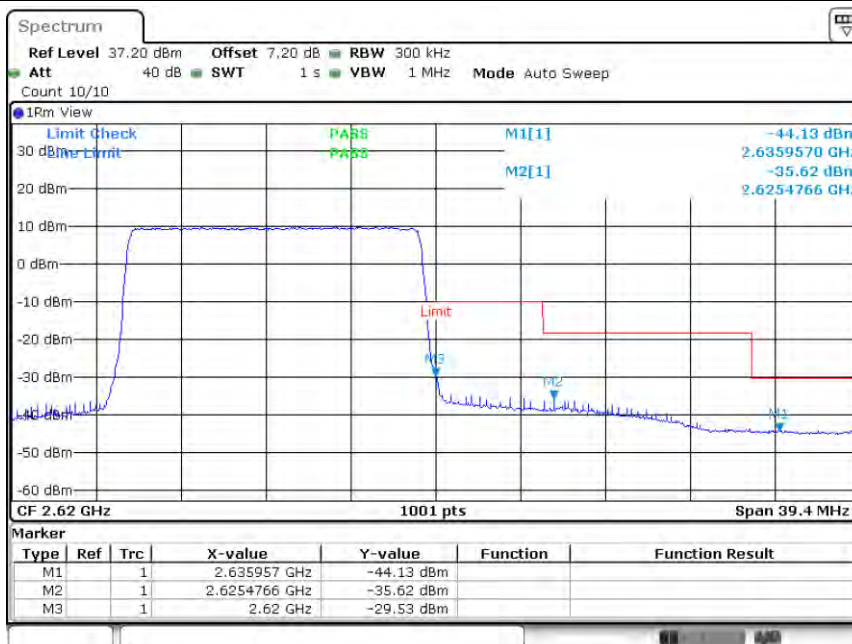


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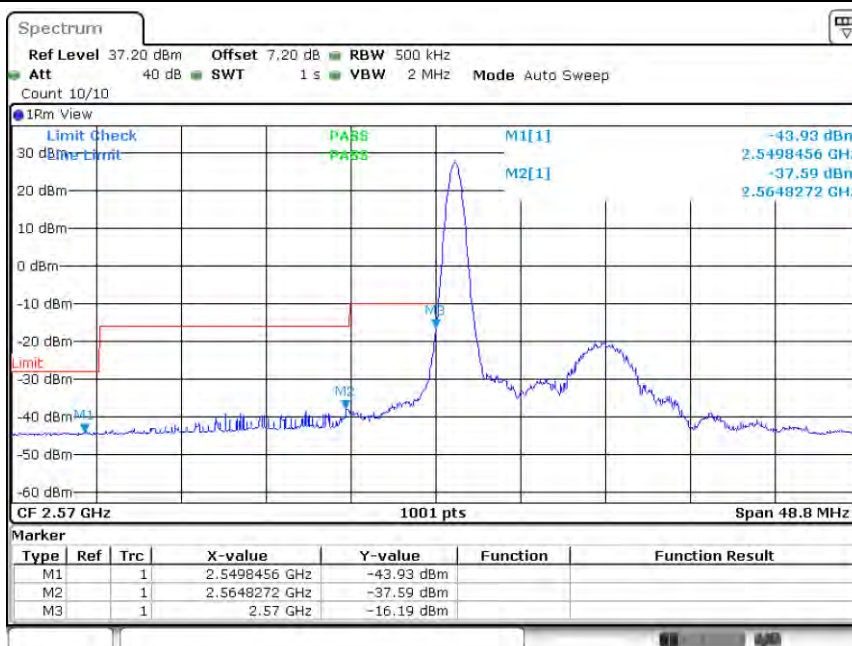


Band38-15MHz-16QAM-38175-75RB#0



Date: 5.FEB 2021 17:16:24

Band38-20MHz-QPSK-37850-1RB#0



Date: 5.FEB 2021 17:16:50



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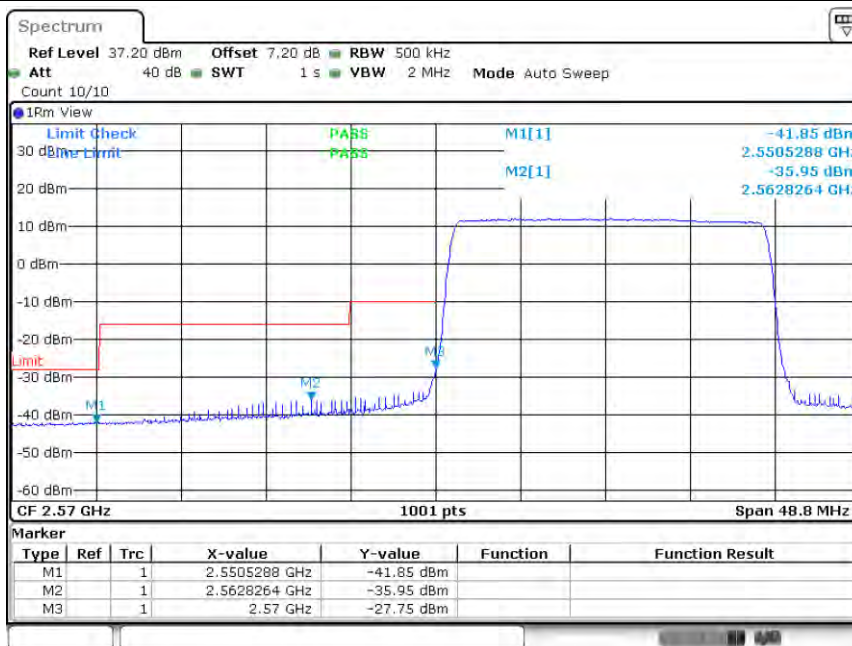
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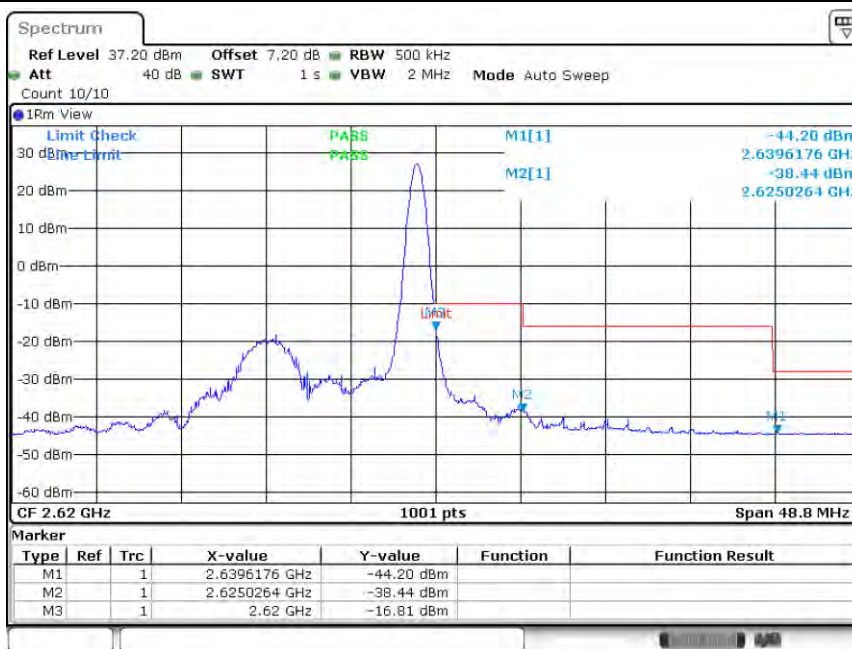


Band38-20MHz-QPSK-37850-100RB#0



Date: 5.FEB.2021 17:18:25

Band38-20MHz-QPSK-38150-1RB#99



Date: 5.FEB.2021 17:17:38

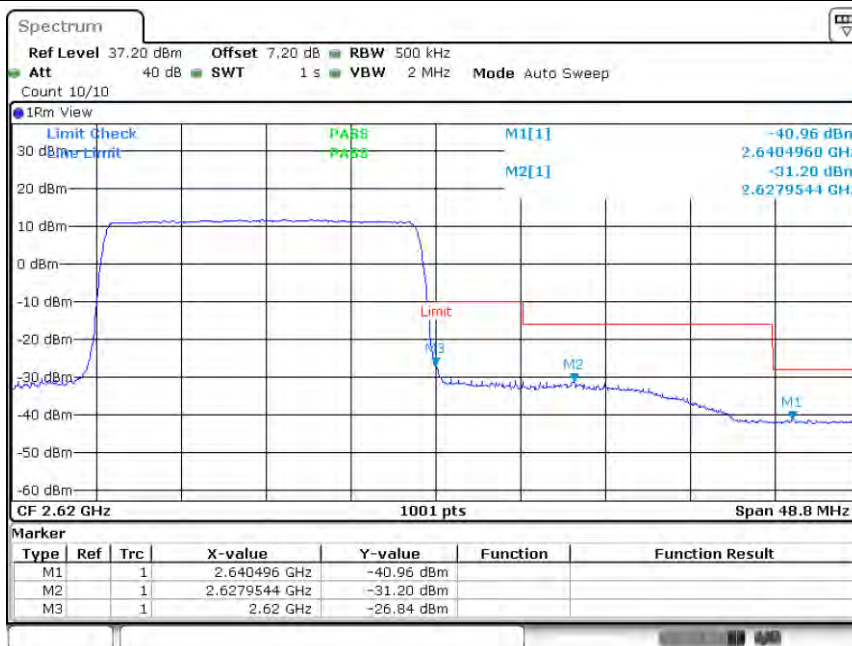


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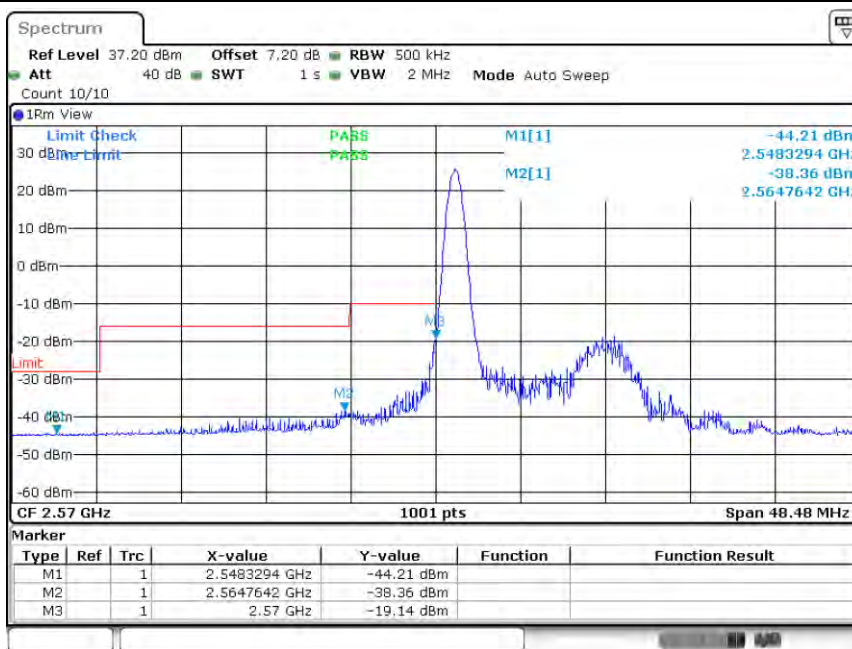
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Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-64QAM-37850-1RB#0

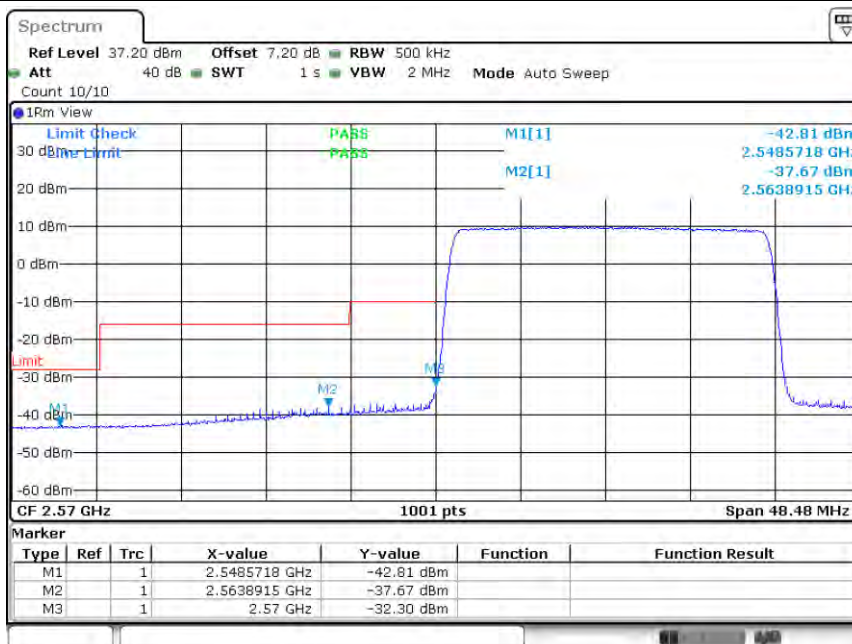


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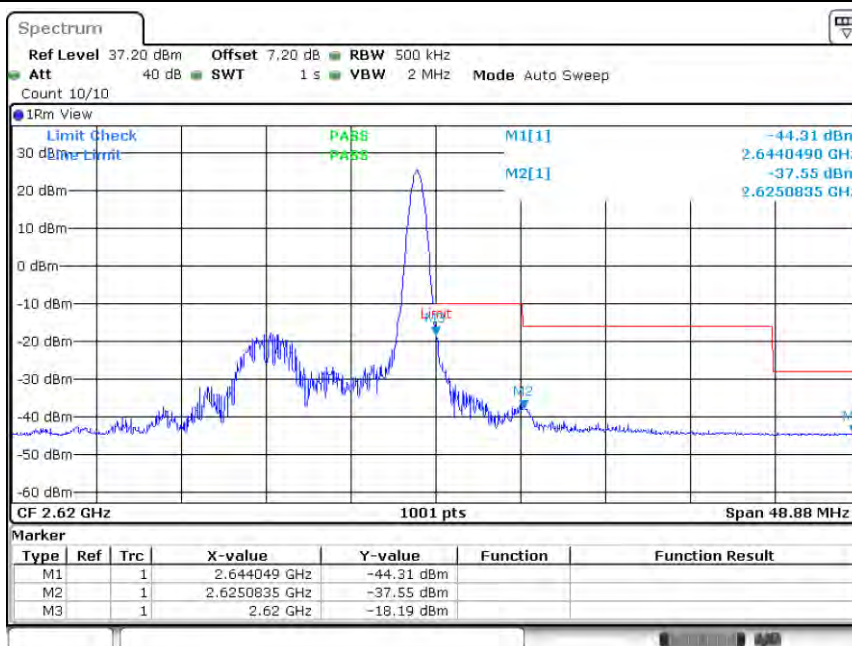


Band38-20MHz-64QAM-37850-100RB#0



Date: 5.FEB 2021 20:13:54

Band38-20MHz-64QAM-38150-1RB#99



Date: 5.FEB 2021 20:13:28

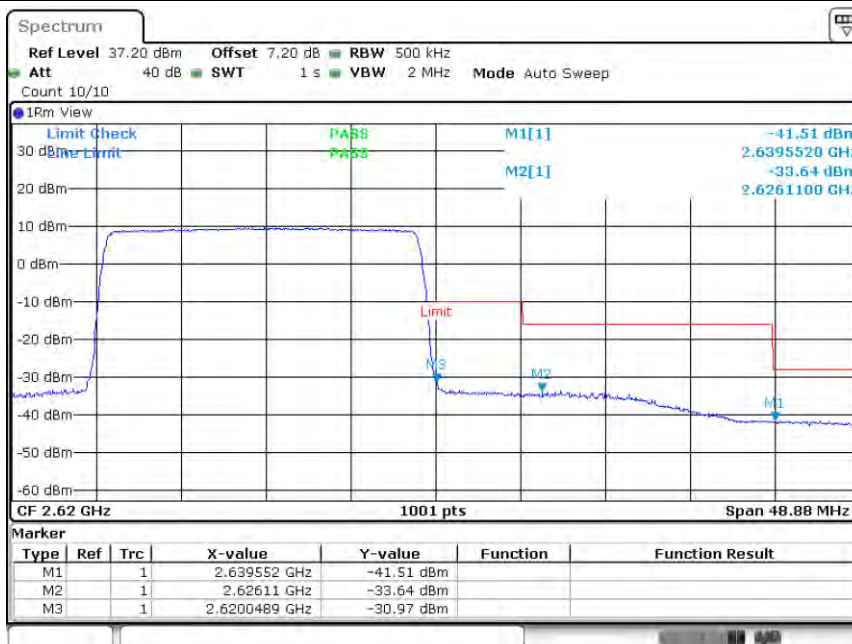


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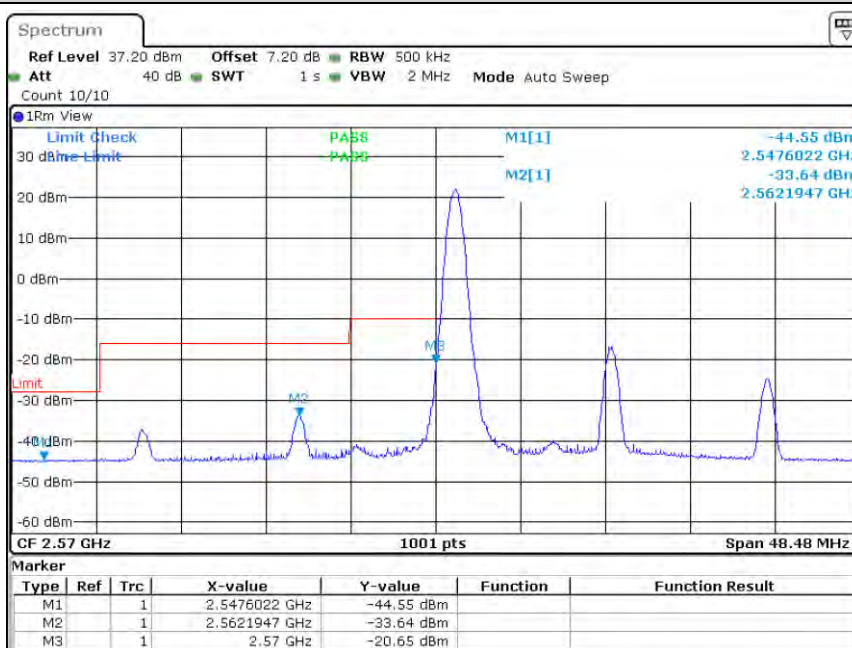


Band38-20MHz-64QAM-38150-100RB#0



Date: 5.FEB 2021 20:14:16

Band38-20MHz-256QAM-37850-1RB#0



Date: 26.FEB 2021 16:29:19



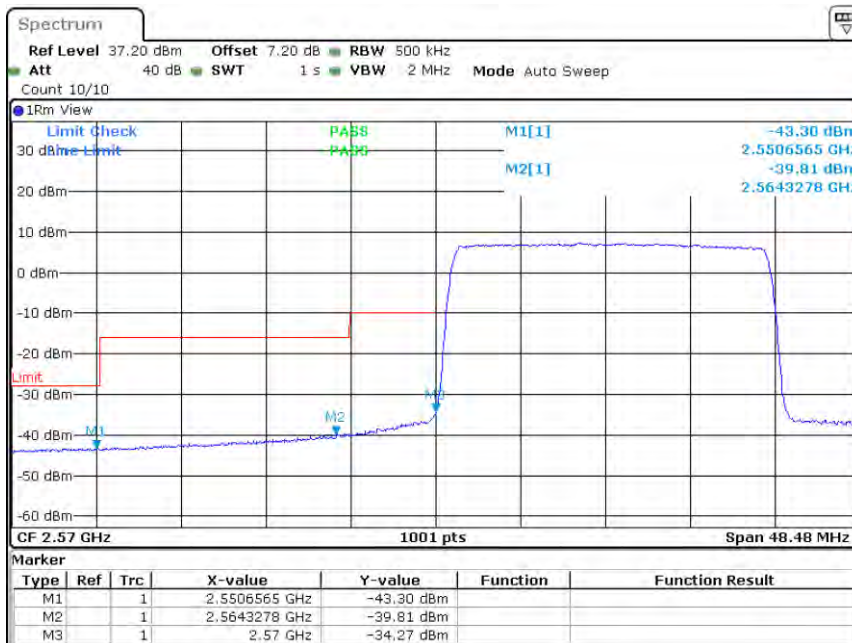
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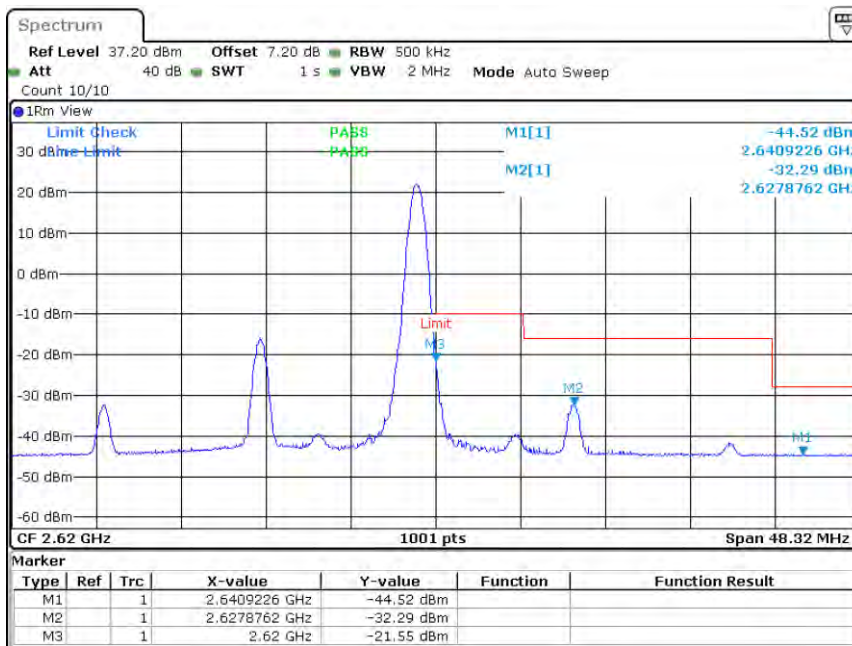


Band38-20MHz-256QAM-37850-100RB#0



Date: 26.FEB.2021 16:30:12

Band38-20MHz-256QAM-38150-1RB#99



Date: 26.FEB.2021 16:29:45

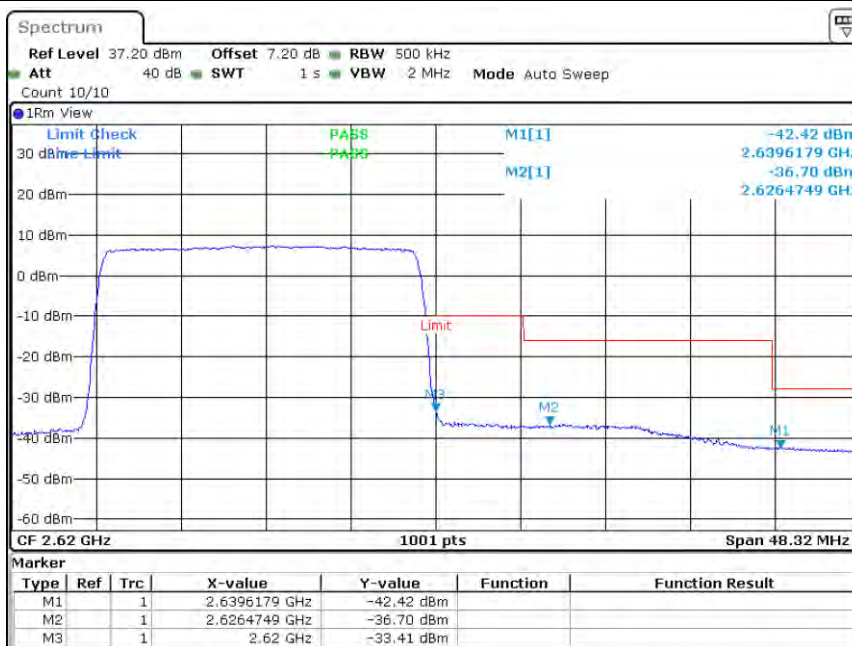


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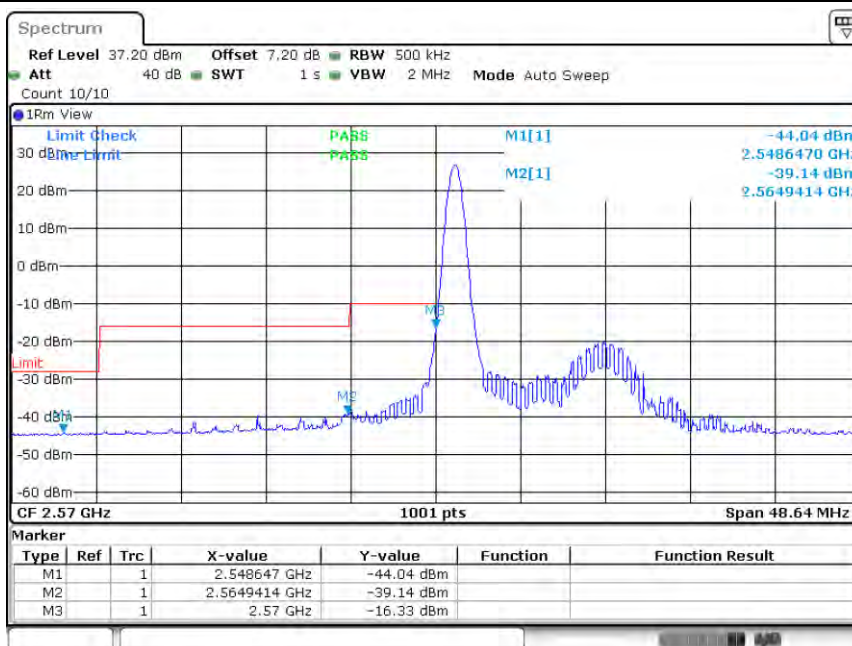


Band38-20MHz-256QAM-38150-100RB#0



Date: 26.FEB.2021 16:30:34

Band38-20MHz-16QAM-37850-1RB#0



Date: 5.FEB.2021 17:17:12

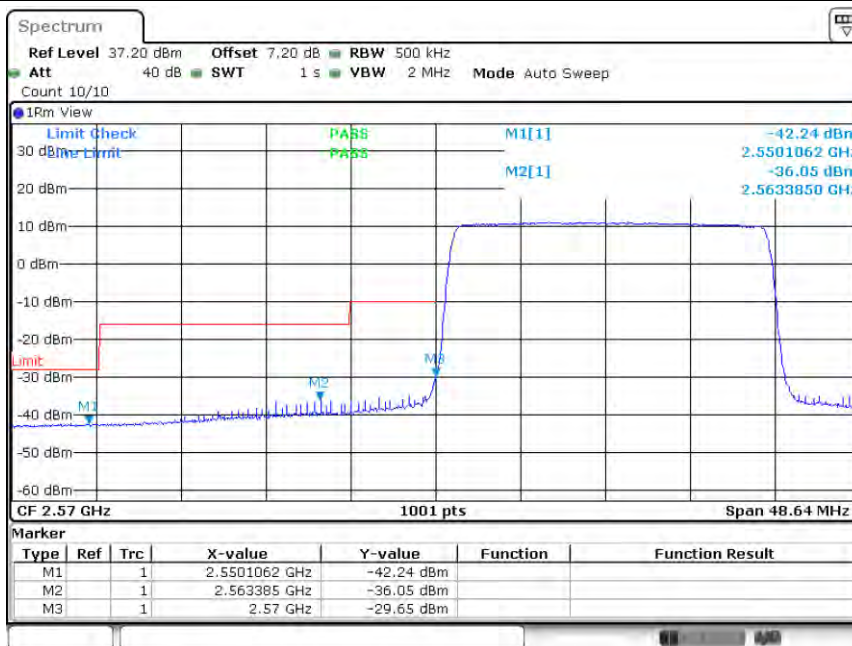


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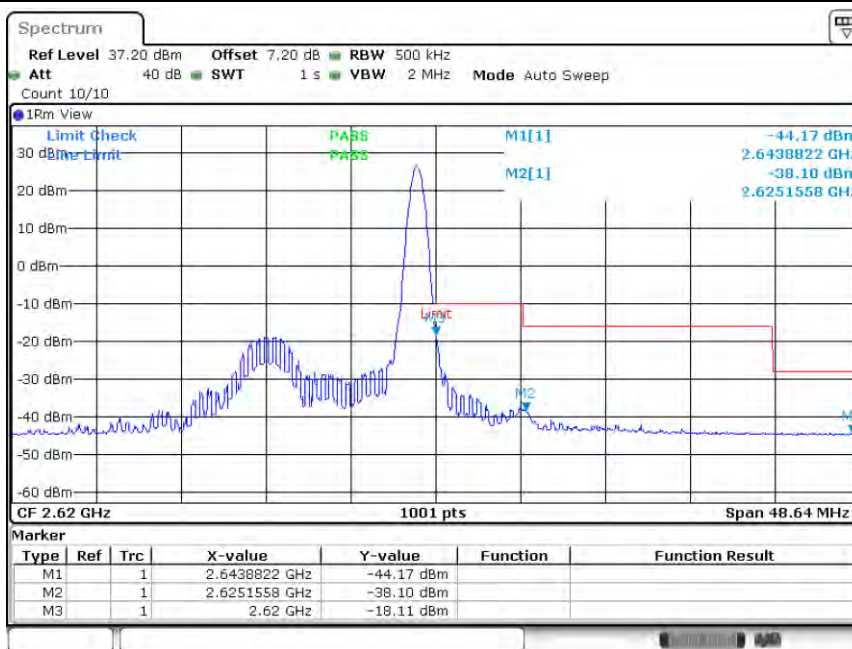
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Band38-20MHz-16QAM-37850-100RB#0



Date: 5.FEB 2021 17:18:47

Band38-20MHz-16QAM-38150-1RB#99



Date: 5.FEB 2021 17:17:59

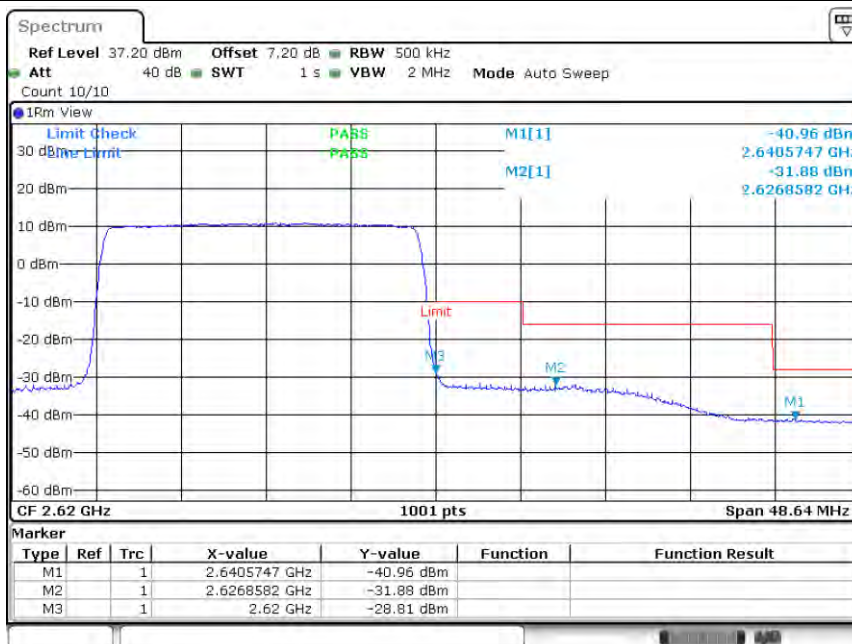


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Band38-20MHz-16QAM-38150-100RB#0



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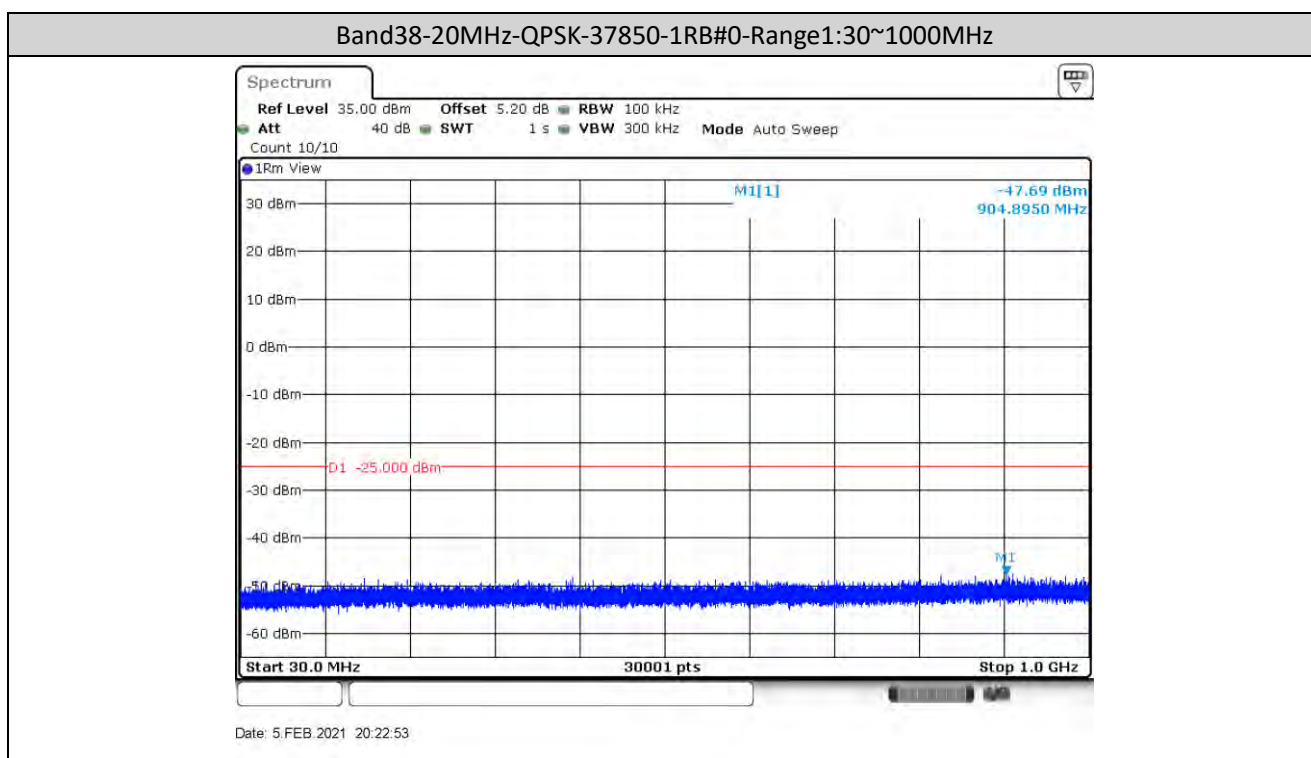
## 6. Spurious Emission at Antenna Terminal

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

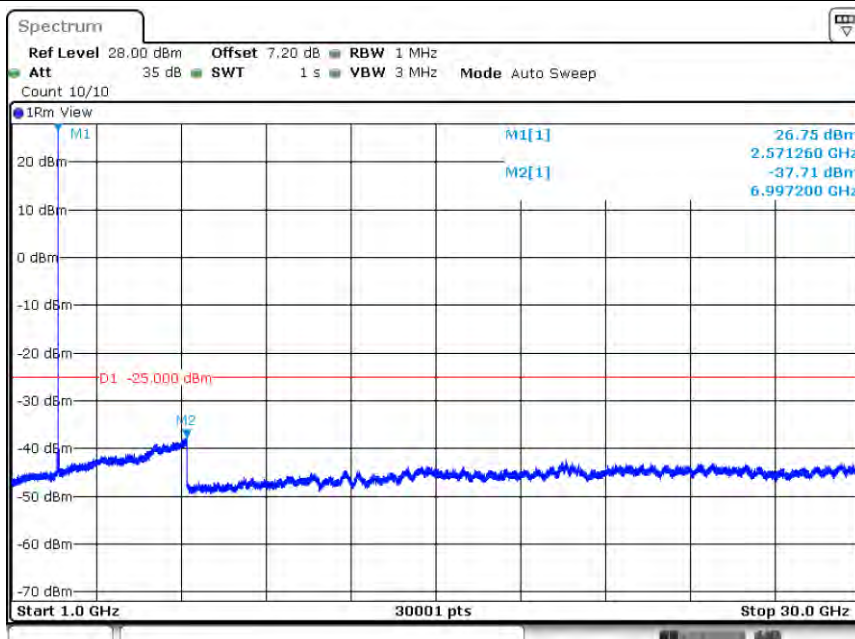
Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

### 6.1. Test Plots

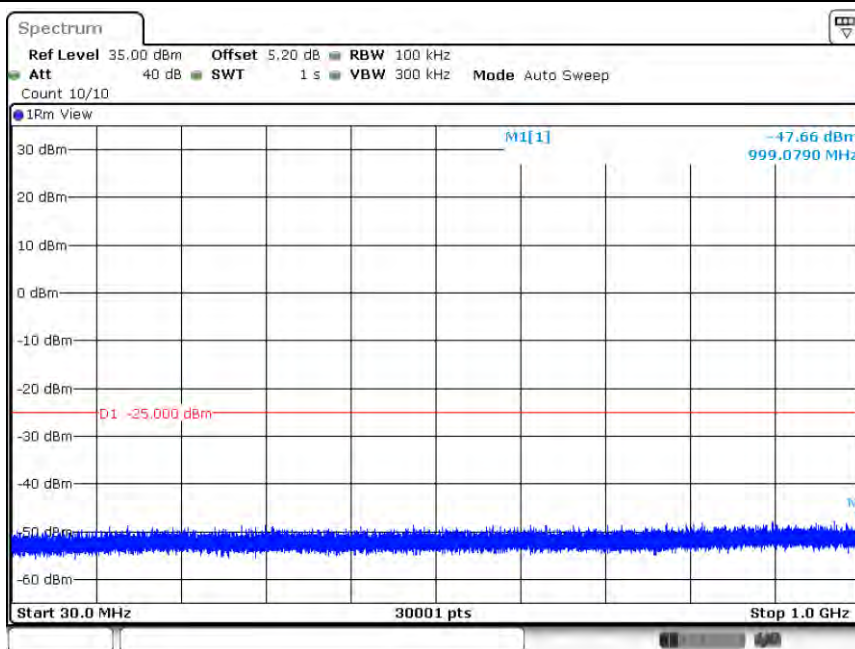


Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz



Date: 5.FEB 2021 20:23:10

Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



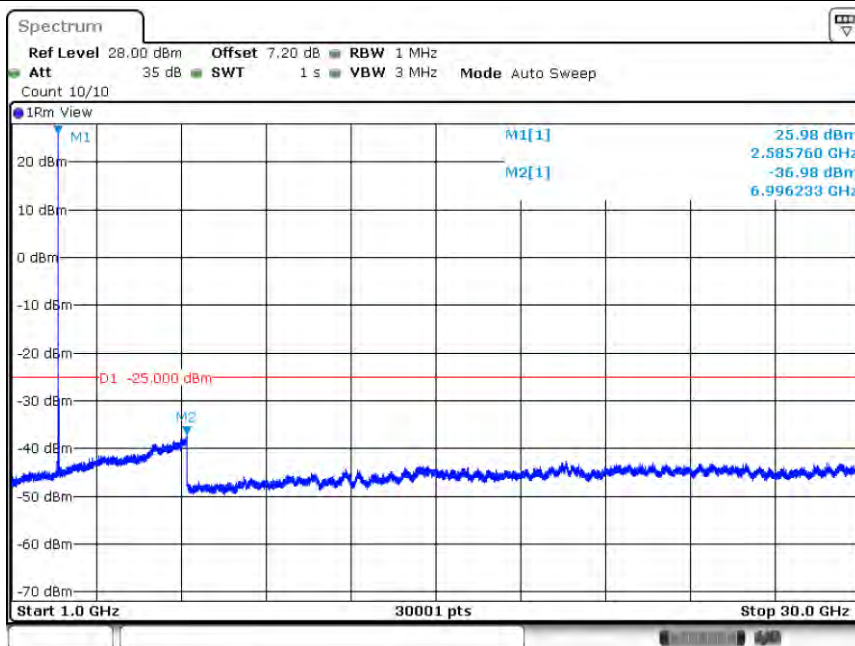
Date: 5.FEB 2021 20:24:04



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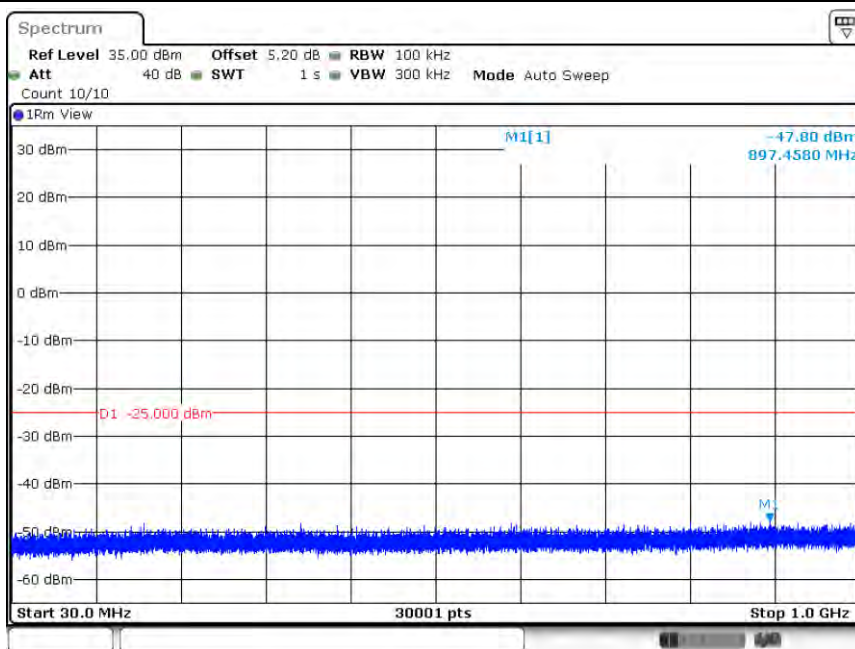
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Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 5.FEB.2021 20:24:20

Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



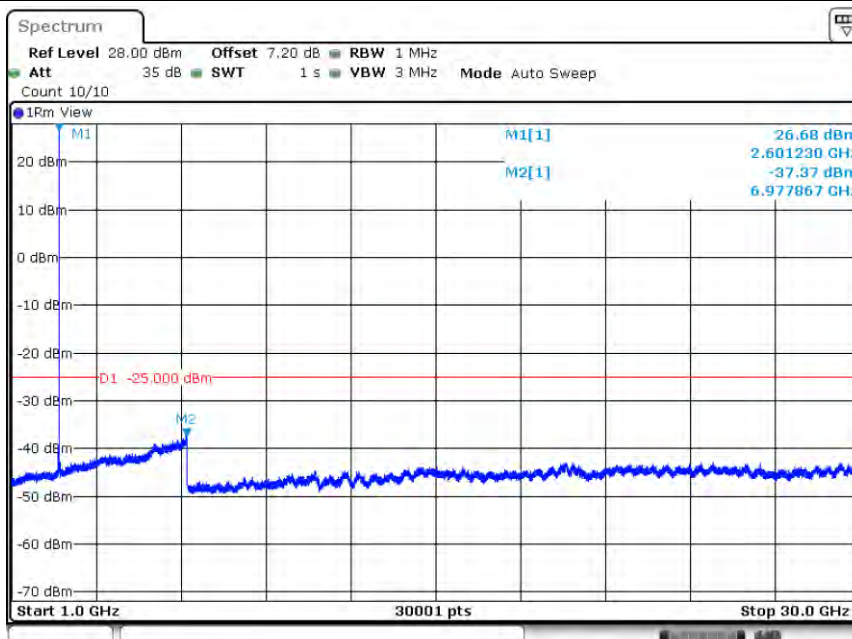
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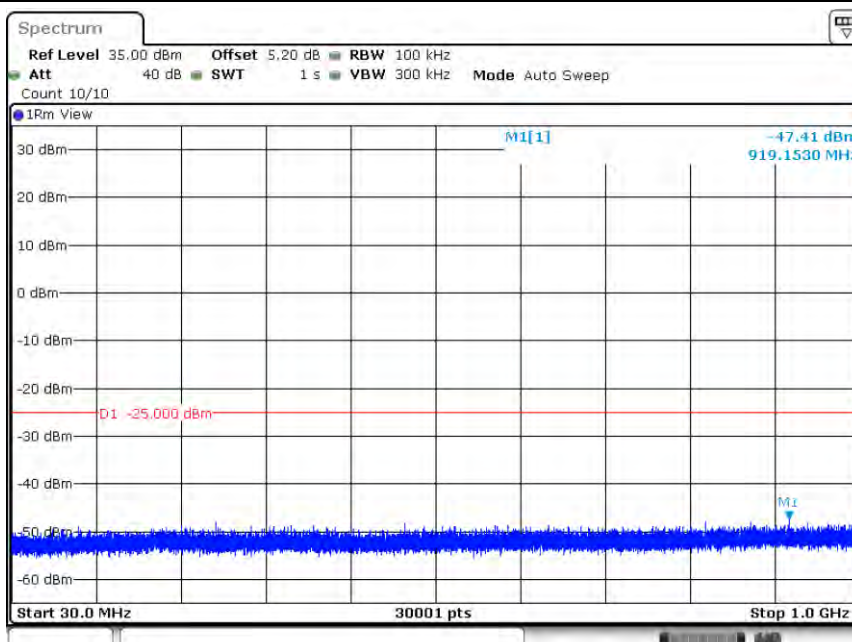
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**Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz**



Date: 5.FEB 2021 20:25:30

**Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz**



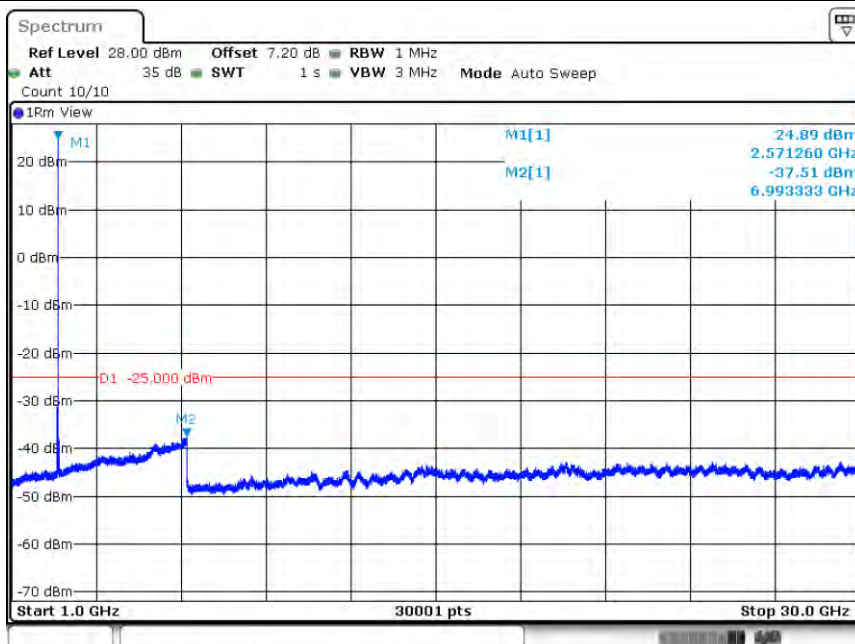
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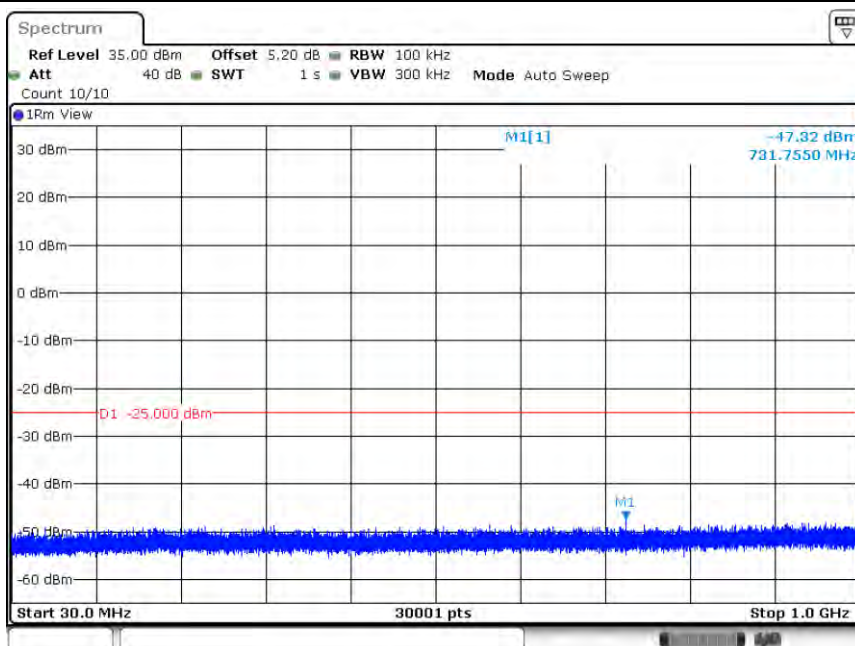
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**Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz**



Date: 5.FEB 2021 20:14:55

**Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz**



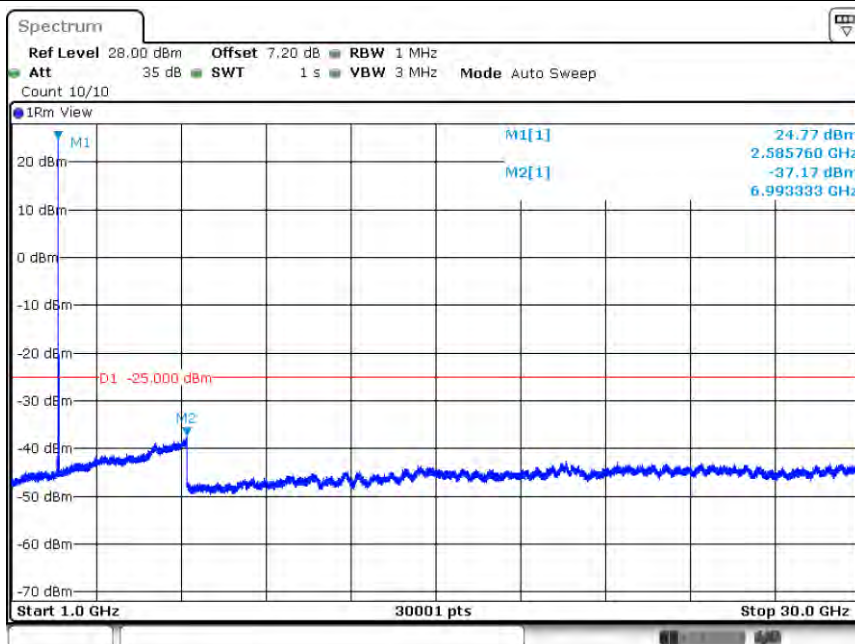
Date: 5.FEB 2021 20:15:14



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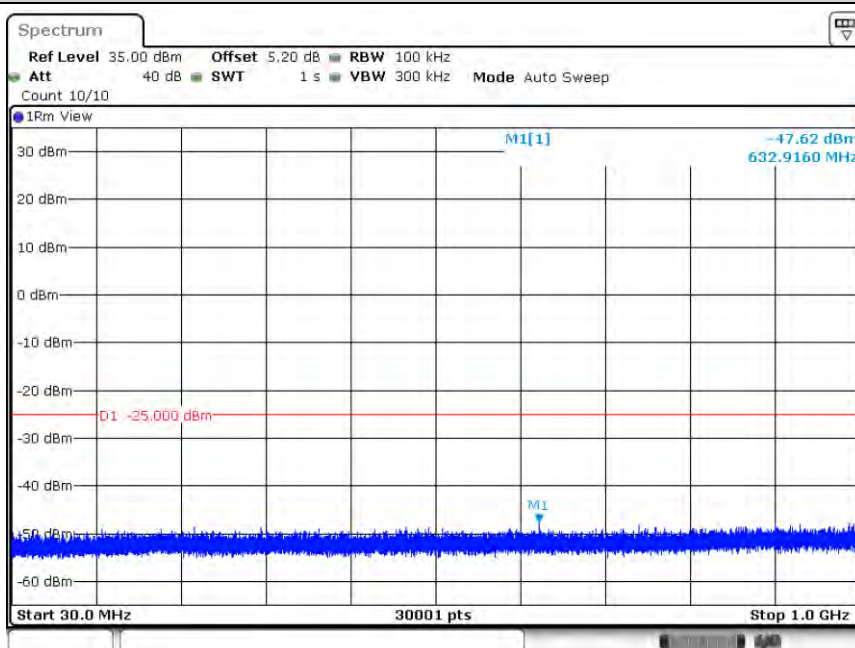
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## Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 5.FEB 2021 20:15:31

## Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz

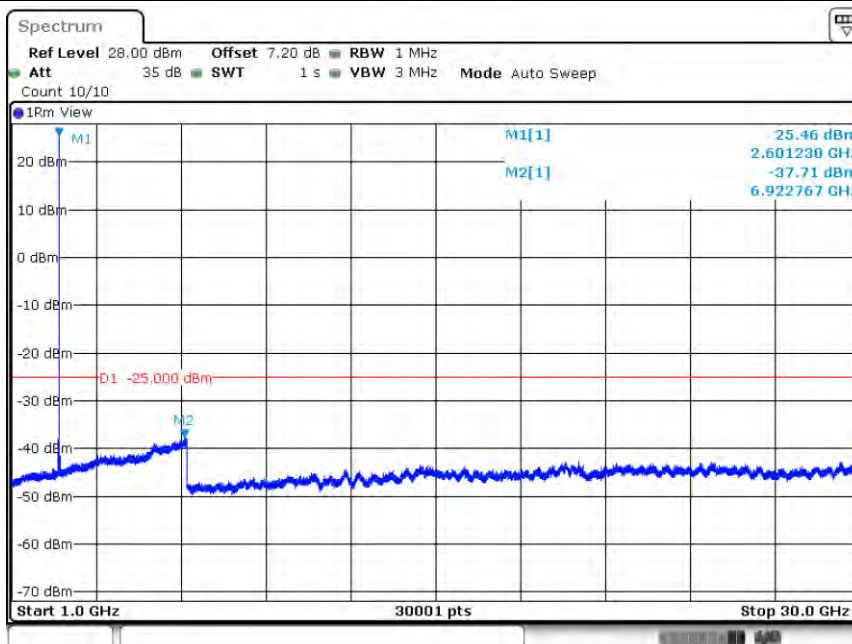


Date: 5.FEB 2021 20:15:50



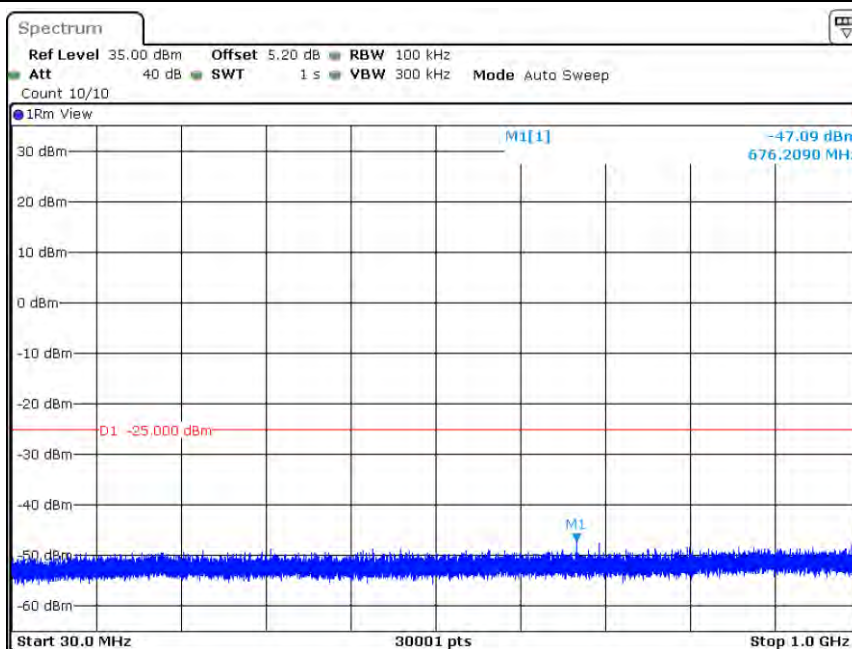


Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 5.FEB 2021 20:16:06

Band38-20MHz-256QAM-37850-1RB#0-Range1:30~1000MHz



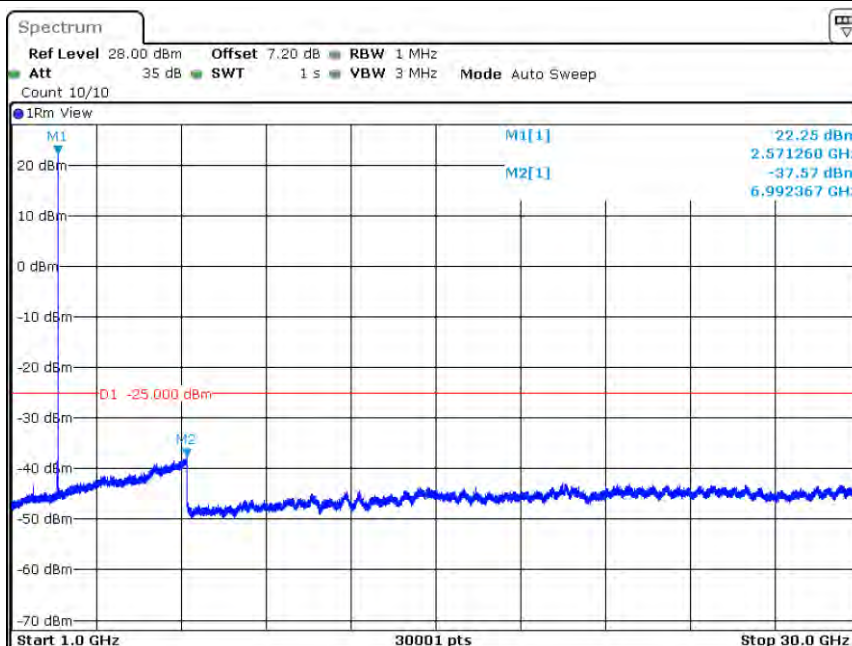
Date: 26.FEB 2021 16:30:58



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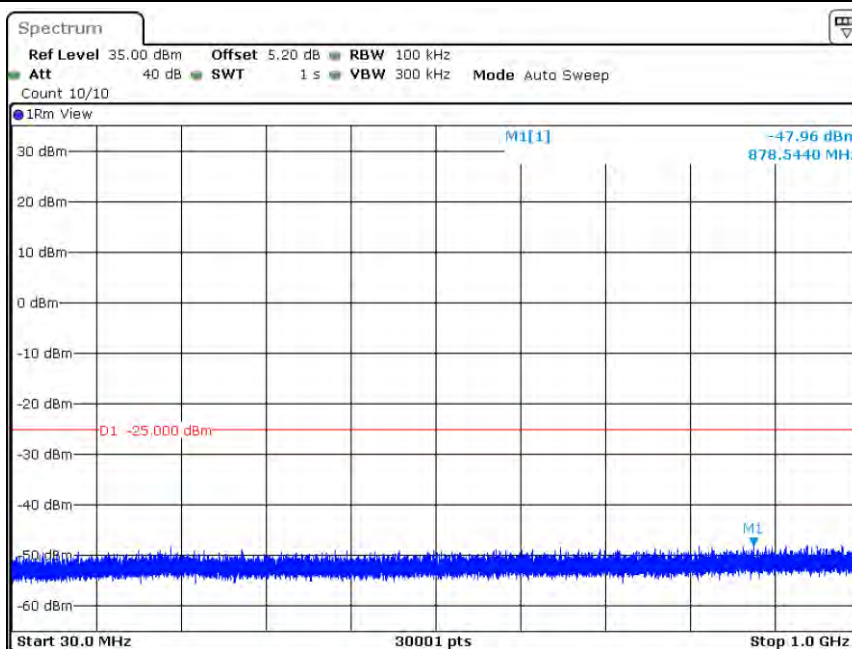
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Band38-20MHz-256QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 26.FEB.2021 16:31:17

Band38-20MHz-256QAM-38000-1RB#0-Range1:30~1000MHz



Date: 26.FEB.2021 16:31:36

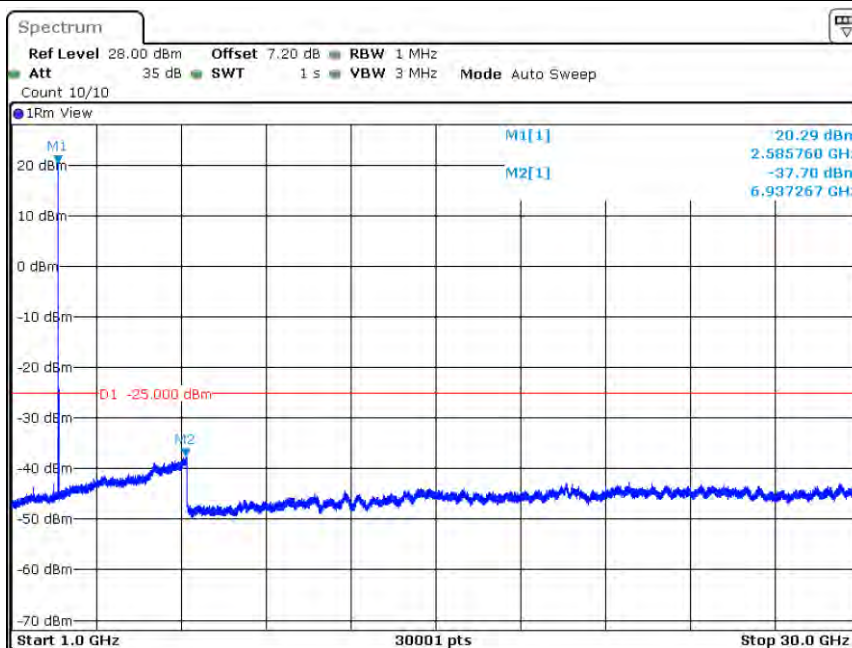


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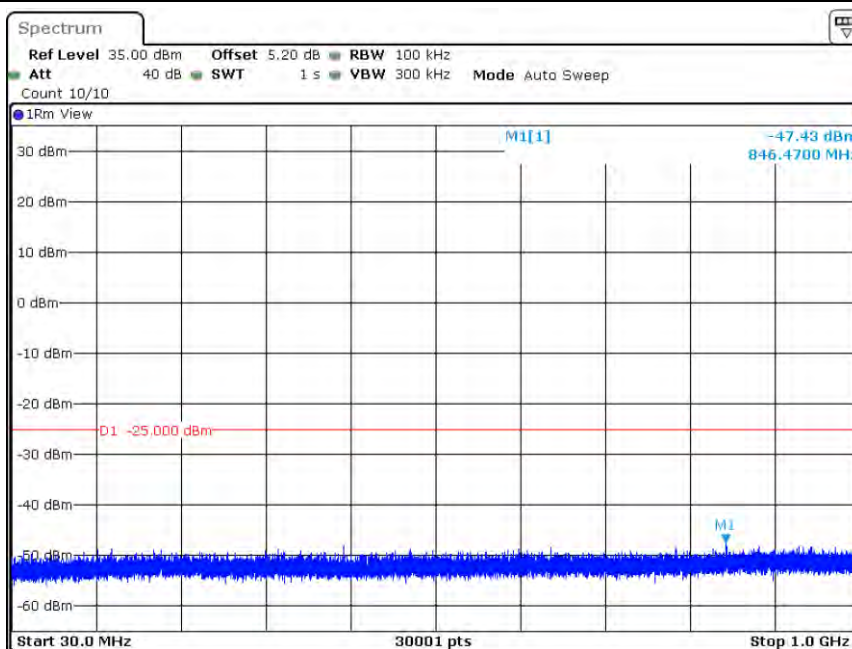


Band38-20MHz-256QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 26.FEB.2021 16:31:52

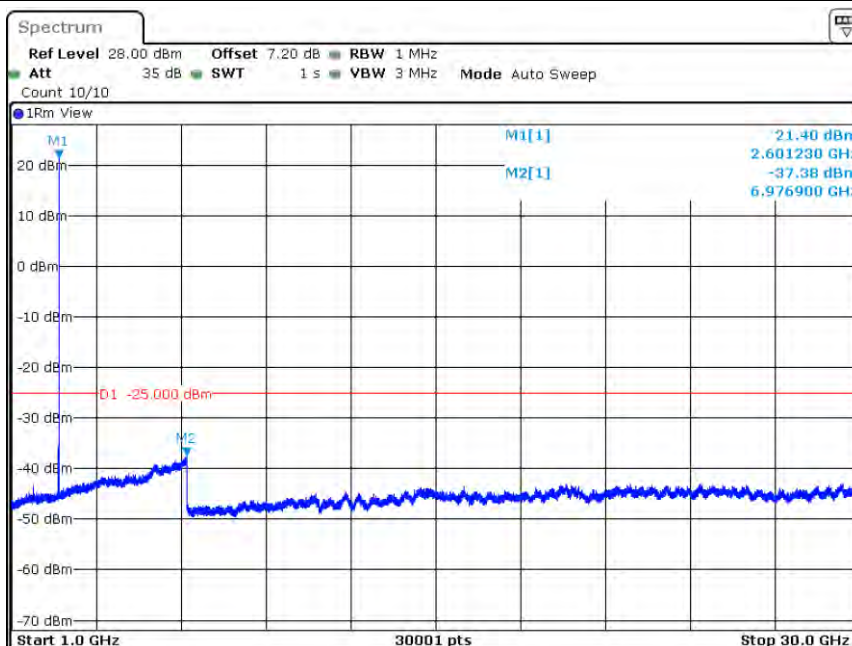
Band38-20MHz-256QAM-38150-1RB#0-Range1:30~1000MHz



Date: 26.FEB.2021 16:32:11

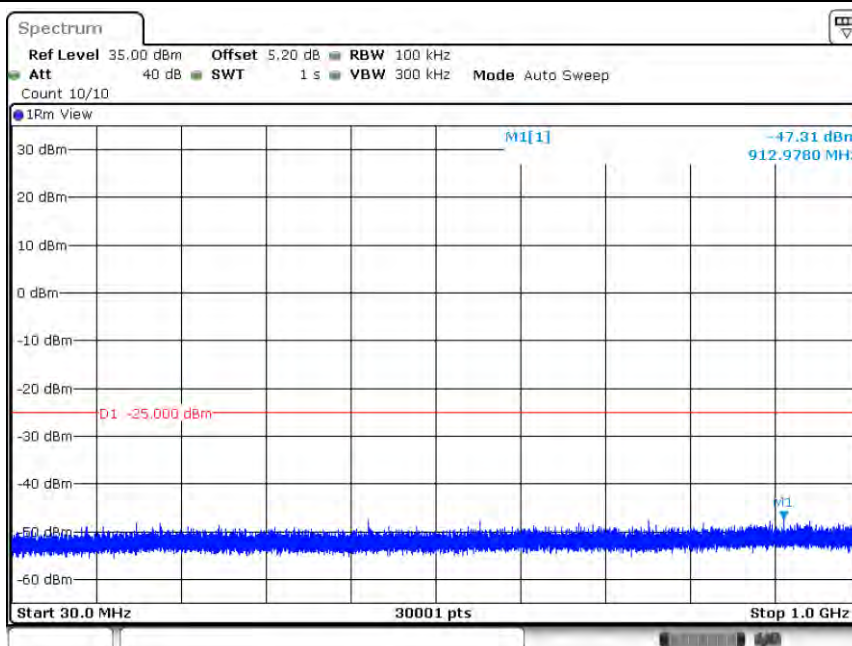


**Band38-20MHz-256QAM-38150-1RB#0-Range2:1000~30000MHz**



Date: 26.FEB.2021 16:32:28

**Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz**



Date: 5.FEB.2021 20:23:28

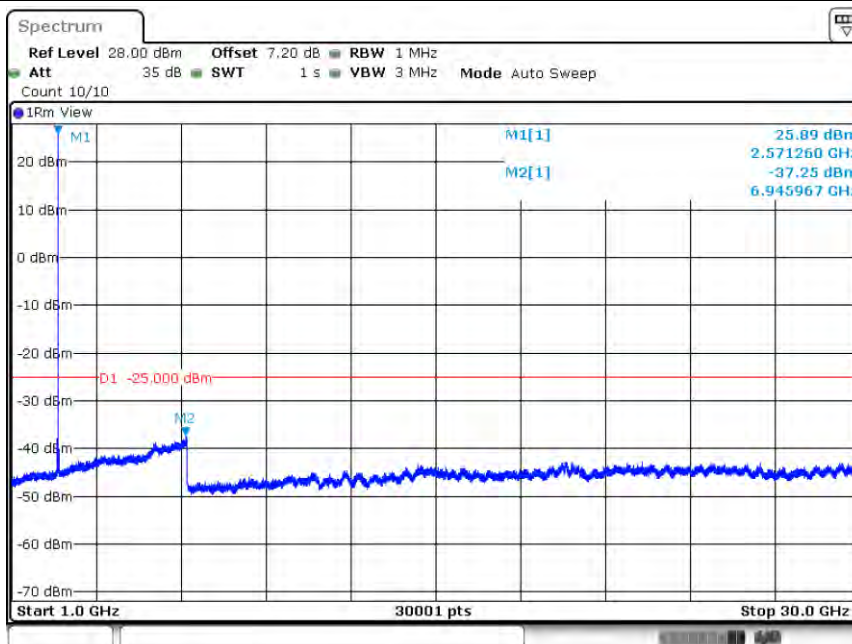


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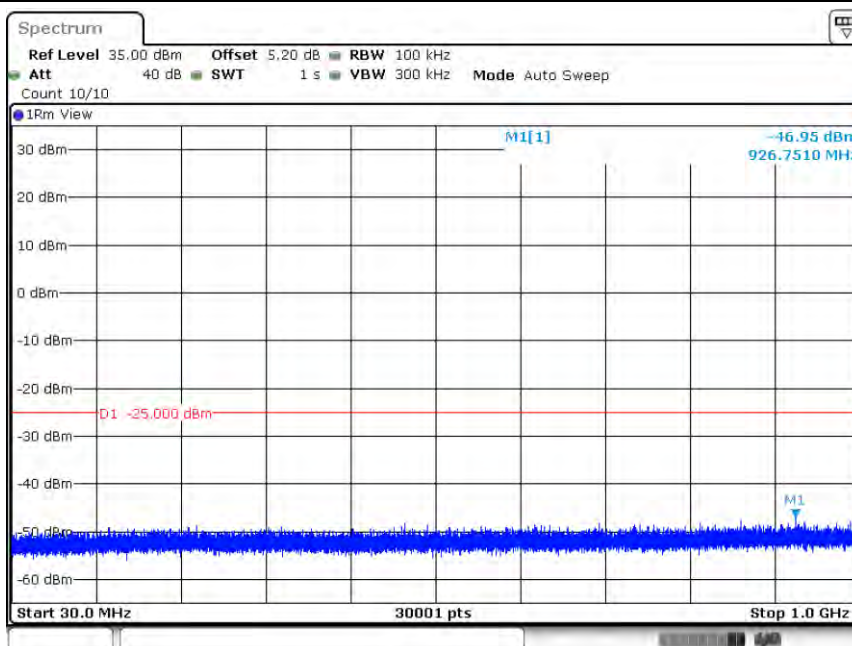


Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 5.FEB 2021 20:23:44

Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



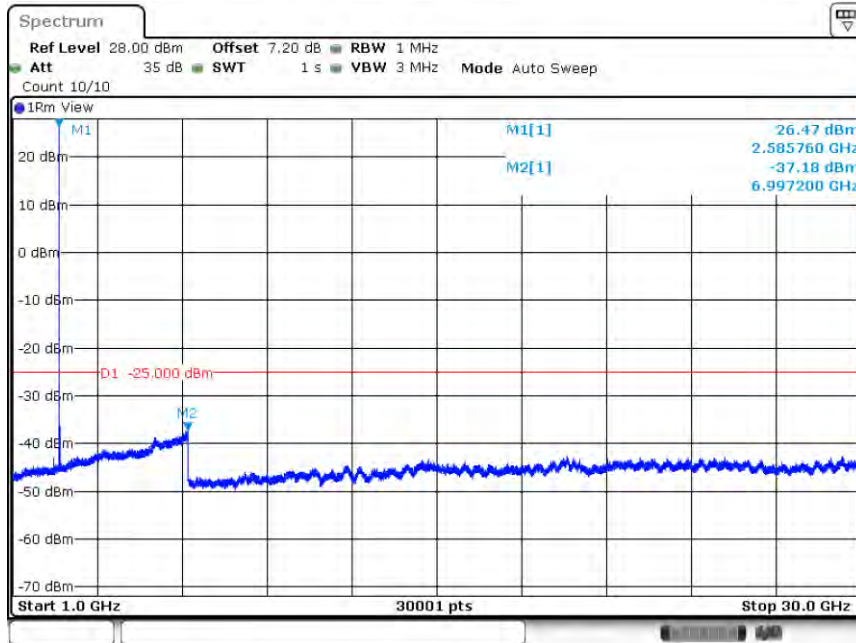
Date: 5.FEB 2021 20:24:38



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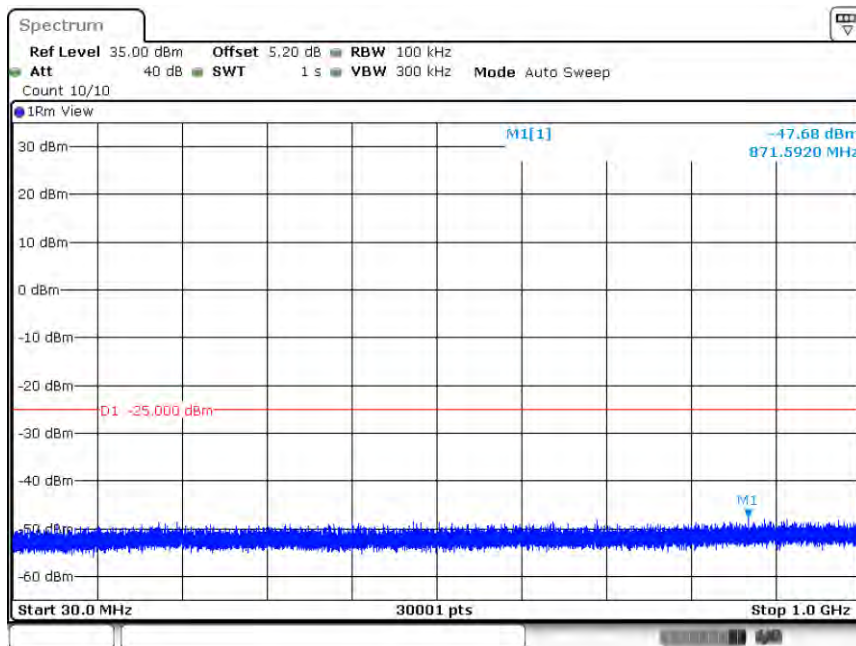
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**Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz**



Date: 5.FEB 2021 20:24:55

**Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz**



Date: 5.FEB 2021 20:25:49

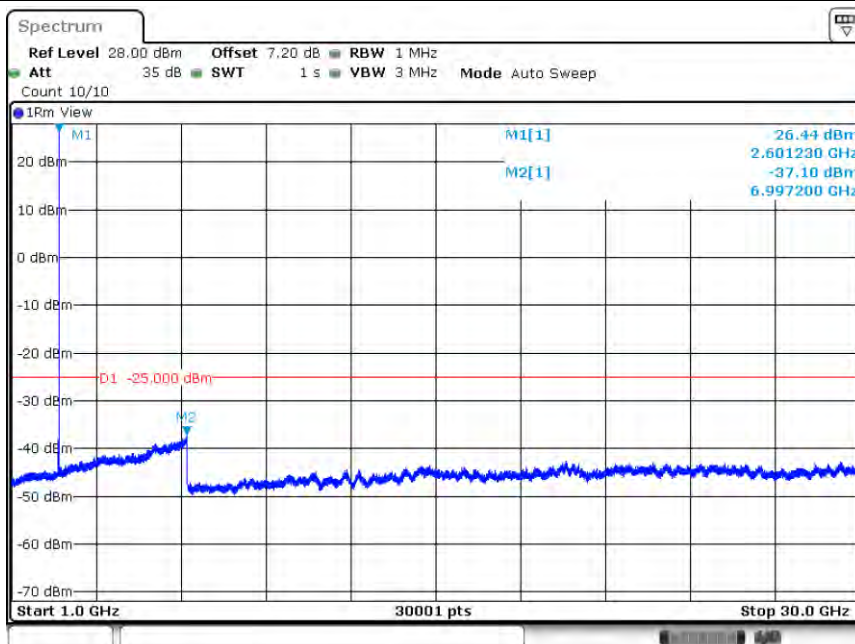


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Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 5.FEB.2021 20:26:05



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## 7. Field Strength of Spurious Radiation

### 1.1. Test Band = LTE\_38\_TM1 ANT1

#### 1.1.1. Test Channel = Low Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 43.8717        | -69.73           | -62.77         | -25.00         | 37.77          | Horizontal |
| 2                   | 239.3365       | -70.17           | -67.38         | -25.00         | 42.38          | Horizontal |
| 3                   | 640.5000       | -70.17           | -62.34         | -25.00         | 37.34          | Horizontal |
| 4                   | 3612.0204      | -52.45           | -60.59         | -25.00         | 35.59          | Horizontal |
| 5                   | 7713.1571      | -39.75           | -41.30         | -25.00         | 16.30          | Horizontal |
| 6                   | 16379.946      | -56.53           | -42.44         | -25.00         | 17.44          | Horizontal |



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## 1.2. Test Band = LTE\_38\_TM1 ANT1

### 1.2.1. Test Channel = Low Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 36.4023        | -65.84           | -74.22         | -25.00         | 49.22          | Vertical |
| 2                   | 106.4883       | -69.77           | -64.18         | -25.00         | 39.18          | Vertical |
| 3                   | 534.3767       | -70.34           | -65.34         | -25.00         | 40.34          | Vertical |
| 4                   | 5020.0673      | -53.72           | -60.84         | -25.00         | 35.84          | Vertical |
| 5                   | 7713.1571      | -45.70           | -46.84         | -25.00         | 21.84          | Vertical |
| 6                   | 17999.500      | -56.23           | -38.36         | -25.00         | 13.36          | Vertical |



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### 1.3. Test Band = LTE\_38\_TM1 ANT1

#### 1.3.1. Test Channel = Mid Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 44.6962        | -70.52           | -63.52         | -25.00         | 38.52          | Horizontal |
| 2                   | 230.8000       | -70.67           | -67.84         | -25.00         | 42.84          | Horizontal |
| 3                   | 418.7469       | -69.85           | -66.84         | -25.00         | 41.84          | Horizontal |
| 4                   | 3920.5307      | -52.68           | -60.90         | -25.00         | 35.90          | Horizontal |
| 5                   | 7758.6586      | -38.26           | -39.35         | -25.00         | 14.35          | Horizontal |
| 6                   | 16360.445      | -56.40           | -42.66         | -25.00         | 17.66          | Horizontal |



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#### 1.4. Test Band = LTE\_38\_TM1 ANT1

##### 1.4.1. Test Channel = Mid Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 36.8873        | -66.00           | -74.14         | -25.00         | 49.14          | Vertical |
| 2                   | 104.8877       | -69.41           | -64.19         | -25.00         | 39.19          | Vertical |
| 3                   | 3836.5279      | -52.77           | -61.56         | -25.00         | 36.56          | Vertical |
| 4                   | 7758.6586      | -46.28           | -46.94         | -25.00         | 21.94          | Vertical |
| 5                   | 12930.331      | -55.54           | -47.35         | -25.00         | 22.35          | Vertical |
| 6                   | 17995.499      | -55.96           | -38.19         | -25.00         | 13.19          | Vertical |



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## 1.5. Test Band = LTE\_38\_TM1 ANT1

### 1.5.1. Test Channel = High Channel

| Suspected Data List |                |                  |                |                |                |            |
|---------------------|----------------|------------------|----------------|----------------|----------------|------------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1                   | 44.1142        | -70.52           | -63.55         | -25.00         | 38.55          | Horizontal |
| 2                   | 224.1067       | -70.59           | -68.82         | -25.00         | 43.82          | Horizontal |
| 3                   | 559.1615       | -70.52           | -63.90         | -25.00         | 38.90          | Horizontal |
| 4                   | 4168.5390      | -53.39           | -62.47         | -25.00         | 37.47          | Horizontal |
| 5                   | 7803.1601      | -40.06           | -40.71         | -25.00         | 15.71          | Horizontal |
| 6                   | 17043.968      | -56.29           | -43.46         | -25.00         | 18.46          | Horizontal |



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## 1.6. Test Band = LTE\_38\_TM1 ANT1

### 1.6.1. Test Channel = High Channel

| Suspected Data List |                |                  |                |                |                |          |
|---------------------|----------------|------------------|----------------|----------------|----------------|----------|
| NO.                 | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1                   | 36.5478        | -65.34           | -73.65         | -25.00         | 48.65          | Vertical |
| 2                   | 113.6182       | -70.68           | -64.59         | -25.00         | 39.59          | Vertical |
| 3                   | 363.2602       | -69.31           | -66.99         | -25.00         | 41.99          | Vertical |
| 4                   | 7803.1601      | -48.92           | -49.13         | -25.00         | 24.13          | Vertical |
| 5                   | 14475.382      | -59.08           | -46.77         | -25.00         | 21.77          | Vertical |
| 6                   | 17994.999      | -56.15           | -38.40         | -25.00         | 13.40          | 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 above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | VL            | NT               | -3.70          | -0.001434       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | VN            | NT               | -1.00          | -0.000388       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | VH            | NT               | -11.20         | -0.004341       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | VL            | NT               | -6.30          | -0.002428       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | VN            | NT               | -8.30          | -0.003198       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | VH            | NT               | -14.80         | -0.005703       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | VL            | NT               | -3.00          | -0.001149       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | VN            | NT               | -1.80          | -0.000690       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | VH            | NT               | -18.30         | -0.007011       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | VL            | NT               | -11.00         | -0.004264       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | VN            | NT               | -2.40          | -0.000930       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | VH            | NT               | -0.20          | -0.000078       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0      | VL            | NT               | -11.90         | -0.004586       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0      | VN            | NT               | -9.20          | -0.003545       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0      | VH            | NT               | -11.50         | -0.004432       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0      | VL            | NT               | -10.90         | -0.004176       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0      | VN            | NT               | -4.60          | -0.001762       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0      | VH            | NT               | -3.10          | -0.001188       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 37850   | 100RB#0      | VL            | NT               | -2.80          | -0.001085       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 37850   | 100RB#0      | VN            | NT               | -2.30          | -0.000891       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 37850   | 100RB#0      | VH            | NT               | -8.70          | -0.003372       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38000   | 100RB#0      | VL            | NT               | -1.90          | -0.000732       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38000   | 100RB#0      | VN            | NT               | -2.50          | -0.000963       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38000   | 100RB#0      | VH            | NT               | -4.00          | -0.001541       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38150   | 100RB#0      | VL            | NT               | -0.30          | -0.000115       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38150   | 100RB#0      | VN            | NT               | -17.50         | -0.006705       | ±2.5        | PASS    |
| Band38 | 20MHz     | 256QAM     | 38150   | 100RB#0      | VH            | NT               | -13.20         | -0.005057       | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0      | VL            | NT               | -7.00          | -0.002713       | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0      | VN            | NT               | -10.80         | -0.004186       | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0      | VH            | NT               | -6.40          | -0.002481       | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0      | VL            | NT               | -6.70          | -0.002582       | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0      | VN            | NT               | -1.40          | -0.000539       | ±2.5        | PASS    |



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|        |       |       |       |         |    |    |        |           |      |      |
|--------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VH | NT | -6.30  | -0.002428 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VL | NT | -19.60 | -0.007510 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VN | NT | -3.30  | -0.001264 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VH | NT | -20.10 | -0.007701 | ±2.5 | PASS |

## 8.2. Frequency Vs Temperature

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | -30              | -9.50          | -0.003682       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | -20              | -6.80          | -0.002636       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | -10              | -3.70          | -0.001434       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 0                | -10.00         | -0.003876       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 10               | 3.10           | 0.001202        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 20               | -10.50         | -0.004070       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 30               | -11.40         | -0.004419       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 40               | -4.60          | -0.001783       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 50               | -8.40          | -0.003256       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | -30              | -12.70         | -0.004894       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | -20              | -5.00          | -0.001927       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | -10              | -1.90          | -0.000732       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 0                | -7.20          | -0.002775       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 10               | -17.50         | -0.006744       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 20               | -15.00         | -0.005780       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 30               | -9.40          | -0.003622       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 40               | -10.10         | -0.003892       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 50               | -17.10         | -0.006590       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | -30              | -13.60         | -0.005211       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | -20              | -0.80          | -0.000307       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | -10              | -16.70         | -0.006398       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 0                | -15.90         | -0.006092       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 10               | -7.00          | -0.002682       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 20               | -7.60          | -0.002912       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 30               | -6.20          | -0.002375       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 40               | -4.50          | -0.001724       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 50               | -6.10          | -0.002337       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | NV            | -30              | -3.60          | -0.001395       | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | NV            | -20              | -3.70          | -0.001434       | ±2.5        | PASS    |



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|        |       |        |       |         |    |     |        |           |      |      |
|--------|-------|--------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | NV | -10 | -10.80 | -0.004186 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | NV | 0   | -10.40 | -0.004031 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | NV | 10  | -9.80  | -0.003798 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | NV | 20  | 1.80   | 0.000698  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | NV | 30  | -1.10  | -0.000426 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | NV | 40  | -6.90  | -0.002674 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 37850 | 100RB#0 | NV | 50  | -11.20 | -0.004341 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | -30 | -12.70 | -0.004894 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | -20 | -17.00 | -0.006551 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | -10 | -3.10  | -0.001195 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | 0   | -8.00  | -0.003083 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | 10  | -16.30 | -0.006281 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | 20  | -4.20  | -0.001618 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | 30  | -13.00 | -0.005010 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | 40  | -7.60  | -0.002929 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38000 | 100RB#0 | NV | 50  | -4.60  | -0.001773 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | -30 | -7.80  | -0.002989 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | -20 | -14.70 | -0.005632 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | -10 | -5.80  | -0.002222 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | 0   | -6.90  | -0.002644 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | 10  | -17.80 | -0.006820 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | 20  | -7.90  | -0.003027 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | 30  | -16.90 | -0.006475 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | 40  | -5.70  | -0.002184 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM  | 38150 | 100RB#0 | NV | 50  | -1.00  | -0.000383 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | -30 | -1.00  | -0.000388 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | -20 | -7.70  | -0.002984 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | -10 | -1.00  | -0.000388 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | 0   | -13.90 | -0.005388 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | 10  | 4.90   | 0.001899  | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | 20  | -0.10  | -0.000039 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | 30  | -8.40  | -0.003256 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | 40  | -2.30  | -0.000891 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 37850 | 100RB#0 | NV | 50  | -2.60  | -0.001008 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | -30 | -9.00  | -0.003468 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | -20 | -6.60  | -0.002543 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | -10 | -4.80  | -0.001850 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | 0   | -8.20  | -0.003160 | ±2.5 | PASS |



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|        |       |        |       |         |    |     |        |           |      |      |
|--------|-------|--------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | 10  | -7.80  | -0.003006 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | 20  | -15.30 | -0.005896 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | 30  | -11.90 | -0.004586 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | 40  | -4.70  | -0.001811 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38000 | 100RB#0 | NV | 50  | -16.60 | -0.006397 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | -30 | -16.30 | -0.006245 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | -20 | -3.50  | -0.001341 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | -10 | -12.60 | -0.004828 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | 0   | -14.70 | -0.005632 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | 10  | -4.60  | -0.001762 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | 20  | -10.40 | -0.003985 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | 30  | -9.00  | -0.003448 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | 40  | -16.70 | -0.006398 | ±2.5 | PASS |
| Band38 | 20MHz | 256QAM | 38150 | 100RB#0 | NV | 50  | -15.30 | -0.005862 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | -30 | 3.50   | 0.001357  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | -20 | -0.40  | -0.000155 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | -10 | -8.90  | -0.003450 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | 0   | -8.40  | -0.003256 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | 10  | -12.30 | -0.004767 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | 20  | -3.00  | -0.001163 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | 30  | 2.10   | 0.000814  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | 40  | -12.00 | -0.004651 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 37850 | 100RB#0 | NV | 50  | -12.40 | -0.004806 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | -30 | -7.00  | -0.002697 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | -20 | -3.30  | -0.001272 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | -10 | -9.70  | -0.003738 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | 0   | -16.80 | -0.006474 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | 10  | -6.80  | -0.002620 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | 20  | -13.10 | -0.005048 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | 30  | -5.20  | -0.002004 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | 40  | -6.60  | -0.002543 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38000 | 100RB#0 | NV | 50  | -0.80  | -0.000308 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | NV | -30 | -15.80 | -0.006054 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | NV | -20 | -15.40 | -0.005900 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | NV | -10 | -9.70  | -0.003716 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | NV | 0   | -3.60  | -0.001379 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | NV | 10  | -17.80 | -0.006820 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM  | 38150 | 100RB#0 | NV | 20  | -10.80 | -0.004138 | ±2.5 | PASS |



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|        |       |       |       |         |    |    |        |           |      |      |
|--------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 30 | -17.00 | -0.006513 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 40 | 0.00   | 0.000000  | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 50 | -4.20  | -0.001609 | ±2.5 | PASS |



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