



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

MAIN:

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz | QPSK | 37775 | 1RB#0 | 24.81 | 24.51 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#12 | 25.04 | 24.74 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#24 | 25.12 | 24.82 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#0 | 23.96 | 23.66 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#6 | 23.93 | 23.63 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#13 | 23.87 | 23.57 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 24.10 | 23.80 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#0 | 24.81 | 24.51 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#12 | 24.94 | 24.64 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#24 | 24.82 | 24.52 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#0 | 23.80 | 23.50 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#6 | 23.80 | 23.50 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#13 | 23.90 | 23.60 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 23.83 | 23.53 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#0 | 24.92 | 24.62 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#12 | 24.98 | 24.68 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#24 | 24.71 | 24.41 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#0 | 24.10 | 23.80 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#6 | 24.05 | 23.75 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#13 | 23.95 | 23.65 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 23.98 | 23.68 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#0 | 24.23 | 23.93 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#12 | 24.31 | 24.01 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#24 | 23.95 | 23.65 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#0 | 23.00 | 22.70 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#6 | 23.05 | 22.75 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#13 | 23.03 | 22.73 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 23.04 | 22.74 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#0 | 24.12 | 23.82 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#12 | 24.22 | 23.92 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#24 | 23.93 | 23.63 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz | 16QAM | 38000 | 12RB#0 | 22.83 | 22.53 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#6 | 22.89 | 22.59 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#13 | 22.88 | 22.58 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 22.82 | 22.52 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#0 | 24.12 | 23.82 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#12 | 24.20 | 23.90 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#24 | 23.98 | 23.68 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#0 | 22.70 | 22.40 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#6 | 22.71 | 22.41 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#13 | 22.58 | 22.28 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 22.70 | 22.40 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#0 | 22.75 | 22.45 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#12 | 22.98 | 22.68 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#24 | 23.03 | 22.73 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#0 | 21.87 | 21.57 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#6 | 21.88 | 21.58 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#13 | 21.77 | 21.47 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 25RB#0 | 22.00 | 21.70 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#0 | 22.75 | 22.45 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#12 | 22.87 | 22.57 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#24 | 22.72 | 22.42 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#0 | 21.71 | 21.41 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#6 | 21.75 | 21.45 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#13 | 21.87 | 21.57 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 25RB#0 | 21.73 | 21.43 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#0 | 22.85 | 22.55 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#12 | 22.91 | 22.61 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#24 | 22.67 | 22.37 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#0 | 22.03 | 21.73 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#6 | 21.97 | 21.67 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#13 | 21.88 | 21.58 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 25RB#0 | 21.95 | 21.65 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#0 | 24.83 | 24.53 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#24 | 25.04 | 24.74 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#49 | 25.17 | 24.87 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#0 | 24.01 | 23.71 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#12 | 23.94 | 23.64 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#25 | 23.92 | 23.62 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 24.13 | 23.83 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#0 | 24.86 | 24.56 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#24 | 24.96 | 24.66 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#49 | 24.86 | 24.56 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#0 | 23.81 | 23.51 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#12 | 23.85 | 23.55 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#25 | 23.95 | 23.65 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 23.88 | 23.58 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#0 | 24.94 | 24.64 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#24 | 24.98 | 24.68 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#49 | 24.74 | 24.44 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#0 | 24.14 | 23.84 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#12 | 24.05 | 23.75 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#25 | 23.95 | 23.65 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 23.99 | 23.69 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 24.25 | 23.95 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24 | 24.33 | 24.03 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49 | 23.98 | 23.68 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0 | 23.05 | 22.75 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 23.06 | 22.76 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 23.04 | 22.74 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 23.06 | 22.76 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 24.12 | 23.82 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24 | 24.22 | 23.92 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49 | 23.98 | 23.68 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0 | 22.88 | 22.58 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 22.92 | 22.62 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 22.92 | 22.62 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 22.82 | 22.52 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 24.13 | 23.83 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24 | 24.20 | 23.90 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49 | 24.01 | 23.71 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0 | 22.70 | 22.40 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 22.73 | 22.43 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 22.62 | 22.32 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 22.73 | 22.43 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#0 | 22.76 | 22.46 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#24 | 23.01 | 22.71 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 64QAM | 37800 | 1RB#49 | 23.12 | 22.82 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#0 | 21.92 | 21.62 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#12 | 21.90 | 21.60 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#25 | 21.84 | 21.54 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0 | 22.04 | 21.74 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#0 | 22.76 | 22.46 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#24 | 22.94 | 22.64 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#49 | 22.79 | 22.49 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#0 | 21.71 | 21.41 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#12 | 21.78 | 21.48 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#25 | 21.85 | 21.55 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0 | 21.82 | 21.52 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#0 | 22.90 | 22.60 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#24 | 22.94 | 22.64 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#49 | 22.72 | 22.42 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#0 | 22.11 | 21.81 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#12 | 21.95 | 21.65 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#25 | 21.93 | 21.63 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0 | 21.94 | 21.64 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#0 | 24.81 | 24.51 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#38 | 25.08 | 24.78 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#74 | 25.15 | 24.85 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#0 | 23.99 | 23.69 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#18 | 23.96 | 23.66 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#37 | 23.91 | 23.61 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 24.10 | 23.80 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#0 | 24.84 | 24.54 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#38 | 24.95 | 24.65 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#74 | 24.85 | 24.55 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#0 | 23.82 | 23.52 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#18 | 23.82 | 23.52 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#37 | 23.93 | 23.63 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 23.87 | 23.57 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#0 | 24.93 | 24.63 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#38 | 24.98 | 24.68 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#74 | 24.75 | 24.45 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#0 | 24.11 | 23.81 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#18 | 24.09 | 23.79 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | QPSK | 38175 | 38RB#37 | 23.95 | 23.65 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 24.01 | 23.71 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 24.27 | 23.97 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38 | 24.31 | 24.01 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74 | 24.00 | 23.70 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0 | 23.03 | 22.73 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 23.10 | 22.80 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 23.03 | 22.73 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 23.04 | 22.74 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 24.17 | 23.87 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38 | 24.22 | 23.92 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74 | 23.96 | 23.66 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0 | 22.87 | 22.57 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 22.90 | 22.60 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 22.89 | 22.59 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 22.82 | 22.52 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 24.14 | 23.84 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38 | 24.24 | 23.94 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74 | 23.99 | 23.69 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0 | 22.71 | 22.41 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 22.73 | 22.43 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 22.63 | 22.33 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 22.73 | 22.43 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0 | 22.77 | 22.47 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38 | 23.05 | 22.75 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74 | 23.06 | 22.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0 | 21.93 | 21.63 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 21.86 | 21.56 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 21.84 | 21.54 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0 | 22.06 | 21.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0 | 22.79 | 22.49 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38 | 22.88 | 22.58 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74 | 22.76 | 22.46 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0 | 21.80 | 21.50 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#18 | 21.74 | 21.44 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#37 | 21.90 | 21.60 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0 | 21.82 | 21.52 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#0 | 22.89 | 22.59 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM | 38175 | 1RB#38 | 22.95 | 22.65 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#74 | 22.69 | 22.39 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#0 | 22.06 | 21.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#18 | 22.07 | 21.77 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#37 | 21.85 | 21.55 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0 | 21.99 | 21.69 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#0 | 24.86 | 24.56 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#49 | 25.08 | 24.78 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#99 | 24.98 | 24.68 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#0 | 23.97 | 23.67 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#25 | 23.93 | 23.63 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#50 | 23.91 | 23.61 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 24.12 | 23.82 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#0 | 24.81 | 24.51 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#49 | 25.13 | 24.83 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#99 | 24.93 | 24.63 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#0 | 23.80 | 23.50 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#25 | 23.84 | 23.54 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#50 | 23.90 | 23.60 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 23.85 | 23.55 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#0 | 24.95 | 24.65 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#49 | 25.01 | 24.71 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#99 | 24.84 | 24.54 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#0 | 23.85 | 23.55 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#25 | 23.74 | 23.44 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#50 | 23.96 | 23.66 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 24.03 | 23.73 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 24.26 | 23.96 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49 | 24.35 | 24.05 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99 | 23.95 | 23.65 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0 | 23.04 | 22.74 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 23.10 | 22.80 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 23.06 | 22.76 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 23.09 | 22.79 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 24.16 | 23.86 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49 | 24.25 | 23.95 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99 | 23.95 | 23.65 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0 | 22.88 | 22.58 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 22.91 | 22.61 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 22.90 | 22.60 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 22.87 | 22.57 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 24.16 | 23.86 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49 | 24.21 | 23.91 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99 | 24.01 | 23.71 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0 | 22.74 | 22.44 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 22.76 | 22.46 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 22.63 | 22.33 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 22.75 | 22.45 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0 | 22.81 | 22.51 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49 | 23.06 | 22.76 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99 | 22.90 | 22.60 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#0 | 21.92 | 21.62 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#25 | 21.83 | 21.53 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#50 | 21.84 | 21.54 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 22.06 | 21.76 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#0 | 22.75 | 22.45 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#49 | 23.09 | 22.79 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#99 | 22.86 | 22.56 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#0 | 21.77 | 21.47 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#25 | 21.75 | 21.45 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#50 | 21.81 | 21.51 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 21.80 | 21.50 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#0 | 22.90 | 22.60 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#49 | 22.99 | 22.69 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#99 | 22.75 | 22.45 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#0 | 21.76 | 21.46 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#25 | 21.71 | 21.41 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#50 | 21.87 | 21.57 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 21.98 | 21.68 | 33.00 | PASS |



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DIV:

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz | QPSK | 37775 | 1RB#0 | 22.27 | 22.27 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#12 | 22.33 | 22.33 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#24 | 22.03 | 22.03 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#0 | 22.12 | 22.12 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#6 | 22.18 | 22.18 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#13 | 22.05 | 22.05 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 22.18 | 22.18 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#0 | 22.00 | 22.00 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#12 | 22.22 | 22.22 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#24 | 22.15 | 22.15 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#0 | 22.05 | 22.05 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#6 | 22.04 | 22.04 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#13 | 22.19 | 22.19 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 22.28 | 22.28 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#0 | 22.22 | 22.22 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#12 | 21.91 | 21.91 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#24 | 21.97 | 21.97 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#0 | 21.89 | 21.89 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#6 | 21.83 | 21.83 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#13 | 22.23 | 22.23 | 33.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 22.23 | 22.23 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#0 | 22.26 | 22.26 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#12 | 22.30 | 22.30 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#24 | 22.17 | 22.17 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#0 | 21.49 | 21.49 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#6 | 21.43 | 21.43 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#13 | 21.47 | 21.47 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 21.50 | 21.50 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#0 | 22.32 | 22.32 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#12 | 22.12 | 22.12 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#24 | 22.16 | 22.16 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#0 | 21.40 | 21.40 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#6 | 21.38 | 21.38 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#13 | 21.29 | 21.29 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 21.24 | 21.24 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz | 16QAM | 38225 | 1RB#0 | 22.05 | 22.05 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#12 | 22.17 | 22.17 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#24 | 22.15 | 22.15 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#0 | 21.34 | 21.34 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#6 | 21.28 | 21.28 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#13 | 21.21 | 21.21 | 33.00 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 21.29 | 21.29 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#0 | 21.17 | 21.17 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#12 | 21.21 | 21.21 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 1RB#24 | 21.10 | 21.10 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#0 | 20.41 | 20.41 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#6 | 20.35 | 20.35 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 12RB#13 | 20.41 | 20.41 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 37775 | 25RB#0 | 20.40 | 20.40 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#0 | 21.30 | 21.30 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#12 | 21.07 | 21.07 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 1RB#24 | 21.09 | 21.09 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#0 | 20.31 | 20.31 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#6 | 20.35 | 20.35 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 12RB#13 | 20.27 | 20.27 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 25RB#0 | 20.22 | 20.22 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#0 | 20.95 | 20.95 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#12 | 21.09 | 21.09 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 1RB#24 | 21.09 | 21.09 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#0 | 20.27 | 20.27 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#6 | 20.26 | 20.26 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 12RB#13 | 20.19 | 20.19 | 33.00 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 25RB#0 | 20.25 | 20.25 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#0 | 22.31 | 22.31 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#24 | 22.38 | 22.38 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#49 | 22.08 | 22.08 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#0 | 22.12 | 22.12 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#12 | 22.19 | 22.19 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#25 | 22.05 | 22.05 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 22.20 | 22.20 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#0 | 22.04 | 22.04 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#24 | 22.24 | 22.24 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#49 | 22.18 | 22.18 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | QPSK | 38000 | 25RB#0 | 22.13 | 22.13 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#12 | 22.10 | 22.10 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#25 | 22.22 | 22.22 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 22.34 | 22.34 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#0 | 22.23 | 22.23 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#24 | 21.97 | 21.97 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#49 | 21.97 | 21.97 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#0 | 21.98 | 21.98 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#12 | 21.86 | 21.86 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#25 | 22.24 | 22.24 | 33.00 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 22.28 | 22.28 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 22.29 | 22.29 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24 | 22.34 | 22.34 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49 | 22.17 | 22.17 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0 | 21.53 | 21.53 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 21.44 | 21.44 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 21.51 | 21.51 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 21.55 | 21.55 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 22.33 | 22.33 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24 | 22.21 | 22.21 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49 | 22.21 | 22.21 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0 | 21.48 | 21.48 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 21.47 | 21.47 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 21.38 | 21.38 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 21.32 | 21.32 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 22.12 | 22.12 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24 | 22.22 | 22.22 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49 | 22.25 | 22.25 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0 | 21.44 | 21.44 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 21.37 | 21.37 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 21.29 | 21.29 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 21.29 | 21.29 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#0 | 21.25 | 21.25 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#24 | 21.26 | 21.26 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#49 | 21.09 | 21.09 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#0 | 20.45 | 20.45 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#12 | 20.36 | 20.36 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#25 | 20.42 | 20.42 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0 | 20.51 | 20.51 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#0 | 21.27 | 21.27 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#24 | 21.12 | 21.12 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#49 | 21.12 | 21.12 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#0 | 20.39 | 20.39 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#12 | 20.44 | 20.44 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#25 | 20.32 | 20.32 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0 | 20.28 | 20.28 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#0 | 21.09 | 21.09 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#24 | 21.16 | 21.16 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#49 | 21.17 | 21.17 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#0 | 20.41 | 20.41 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#12 | 20.35 | 20.35 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#25 | 20.22 | 20.22 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0 | 20.19 | 20.19 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#0 | 22.31 | 22.31 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#38 | 22.33 | 22.33 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#74 | 22.08 | 22.08 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#0 | 22.16 | 22.16 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#18 | 22.20 | 22.20 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#37 | 22.10 | 22.10 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 22.21 | 22.21 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#0 | 22.00 | 22.00 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#38 | 22.28 | 22.28 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#74 | 22.17 | 22.17 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#0 | 22.08 | 22.08 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#18 | 22.05 | 22.05 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#37 | 22.28 | 22.28 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 22.38 | 22.38 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#0 | 22.30 | 22.30 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#38 | 21.94 | 21.94 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#74 | 22.00 | 22.00 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#0 | 21.91 | 21.91 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#18 | 21.89 | 21.89 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#37 | 22.29 | 22.29 | 33.00 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 22.26 | 22.26 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 22.28 | 22.28 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38 | 22.34 | 22.34 | 33.00 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74 | 22.19 | 22.19 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0 | 21.50 | 21.50 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.47 | 21.47 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.48 | 21.48 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 21.54 | 21.54 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 22.38 | 22.38 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38 | 22.12 | 22.12 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74 | 22.22 | 22.22 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0 | 21.43 | 21.43 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.39 | 21.39 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.35 | 21.35 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 21.30 | 21.30 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 22.14 | 22.14 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38 | 22.23 | 22.23 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74 | 22.20 | 22.20 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0 | 21.43 | 21.43 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.33 | 21.33 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.23 | 21.23 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 21.36 | 21.36 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0 | 21.26 | 21.26 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38 | 21.28 | 21.28 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74 | 21.13 | 21.13 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0 | 20.45 | 20.45 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 20.40 | 20.40 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 20.40 | 20.40 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0 | 20.49 | 20.49 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0 | 21.29 | 21.29 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38 | 21.06 | 21.06 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74 | 21.12 | 21.12 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0 | 20.37 | 20.37 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#18 | 20.34 | 20.34 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#37 | 20.25 | 20.25 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0 | 20.22 | 20.22 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#0 | 21.08 | 21.08 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#38 | 21.15 | 21.15 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#74 | 21.13 | 21.13 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#0 | 20.38 | 20.38 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#18 | 20.28 | 20.28 | 33.00 | PASS |



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|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM | 38175 | 38RB#37 | 20.13 | 20.13 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0 | 20.28 | 20.28 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#0 | 22.32 | 22.32 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#49 | 22.37 | 22.37 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#99 | 22.05 | 22.05 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#0 | 22.33 | 22.33 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#25 | 22.19 | 22.19 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#50 | 22.05 | 22.05 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 22.23 | 22.23 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#0 | 22.01 | 22.01 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#49 | 22.52 | 22.52 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#99 | 22.19 | 22.19 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#0 | 22.33 | 22.33 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#25 | 22.12 | 22.12 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#50 | 22.27 | 22.27 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 22.34 | 22.34 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#0 | 22.15 | 22.15 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#49 | 22.22 | 22.22 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#99 | 21.99 | 21.99 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#0 | 21.89 | 21.89 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#25 | 21.92 | 21.92 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#50 | 22.24 | 22.24 | 33.00 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 22.28 | 22.28 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 22.28 | 22.28 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49 | 22.31 | 22.31 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99 | 22.17 | 22.17 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0 | 21.51 | 21.51 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 21.48 | 21.48 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 21.50 | 21.50 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 21.52 | 21.52 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 22.35 | 22.35 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49 | 22.20 | 22.20 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99 | 22.18 | 22.18 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0 | 21.48 | 21.48 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 21.39 | 21.39 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 21.34 | 21.34 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 21.24 | 21.24 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 22.06 | 22.06 | 33.00 | PASS |



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|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49 | 22.18 | 22.18 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99 | 22.23 | 22.23 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0 | 21.34 | 21.34 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 21.29 | 21.29 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 21.26 | 21.26 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 21.36 | 21.36 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0 | 21.18 | 21.18 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49 | 21.26 | 21.26 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99 | 21.09 | 21.09 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#0 | 20.47 | 20.47 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#25 | 20.38 | 20.38 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#50 | 20.43 | 20.43 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 20.44 | 20.44 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#0 | 21.32 | 21.32 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#49 | 21.18 | 21.18 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#99 | 21.11 | 21.11 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#0 | 20.42 | 20.42 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#25 | 20.33 | 20.33 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#50 | 20.26 | 20.26 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 20.19 | 20.19 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#0 | 20.96 | 20.96 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#49 | 21.14 | 21.14 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#99 | 21.18 | 21.18 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#0 | 20.28 | 20.28 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#25 | 20.19 | 20.19 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#50 | 20.21 | 20.21 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 20.33 | 20.33 | 33.00 | PASS |

Remark:

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

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

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



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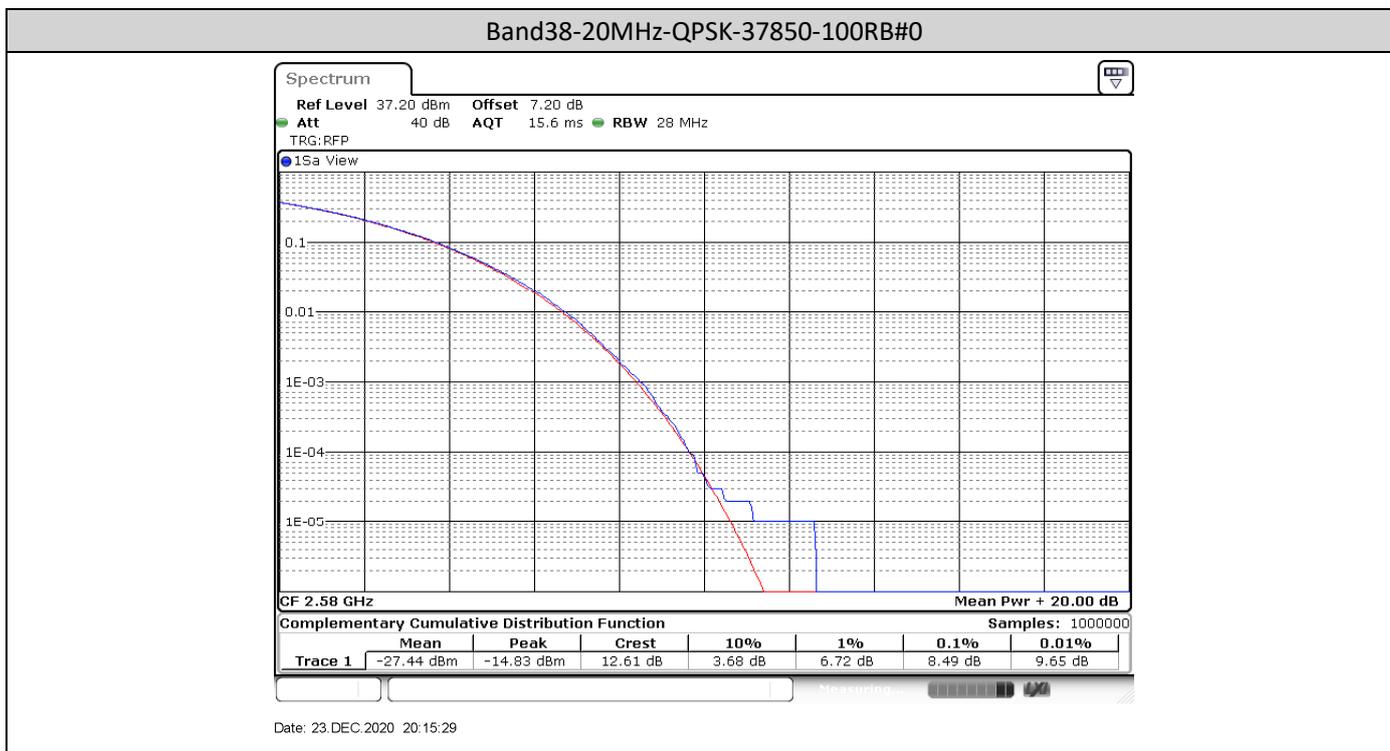


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

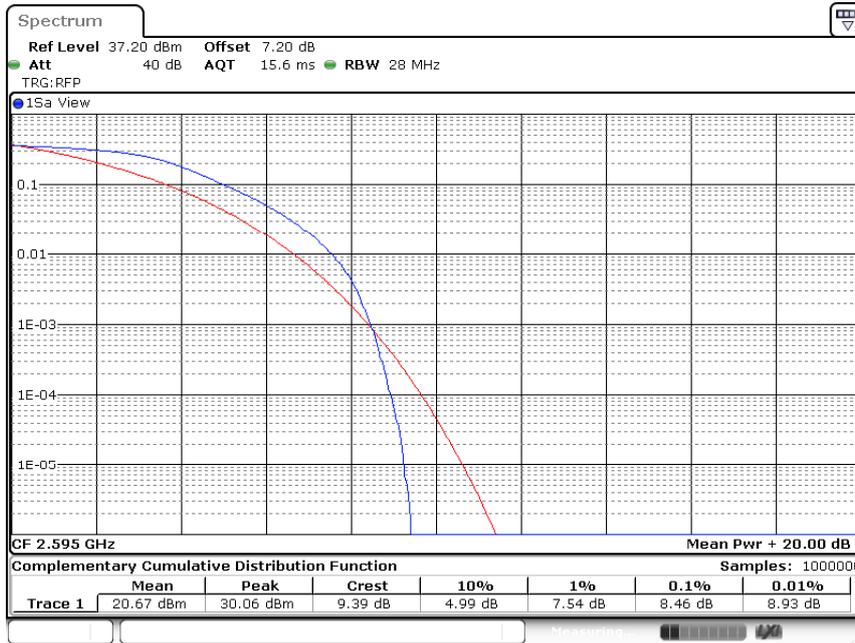
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 8.49 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 8.46 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 8.55 | 13 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 8.46 | 13 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 9.77 | 13 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 9.68 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 9.25 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 9.25 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 9.07 | 13 | PASS |

2.2. Test Plots



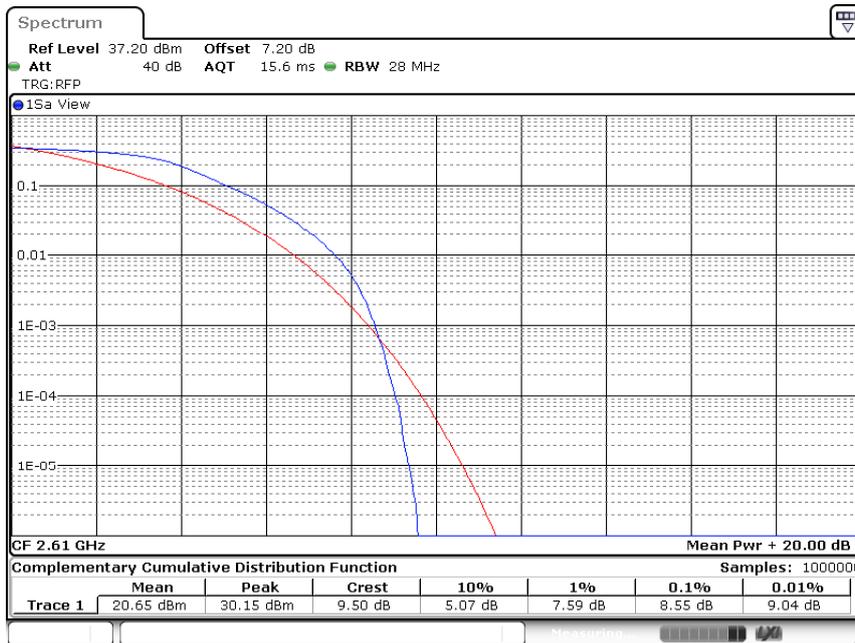
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Band38-20MHz-QPSK-38000-100RB#0



Date: 23.DEC.2020 20:15:52

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

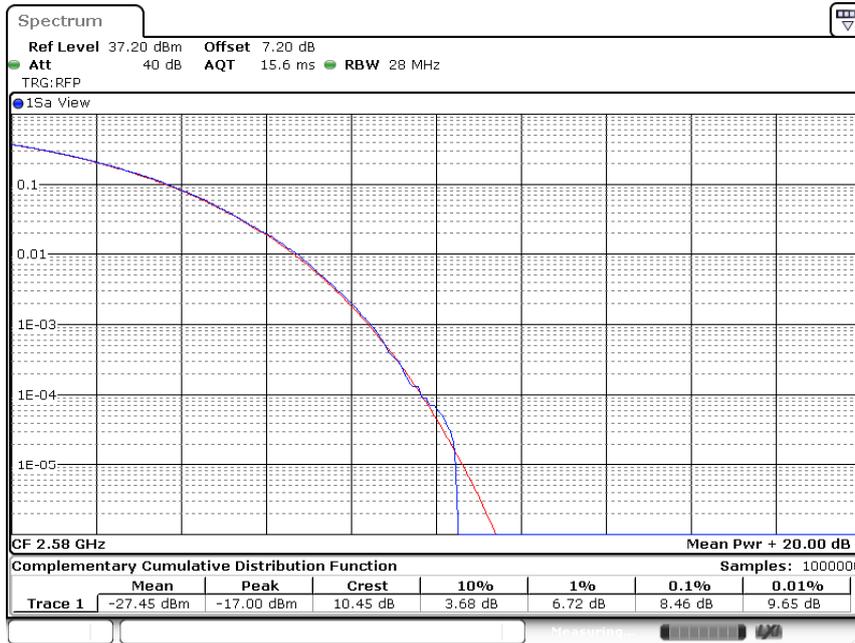


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Band38-20MHz-64QAM-37850-100RB#0



Date: 23.DEC.2020 20:33:18

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



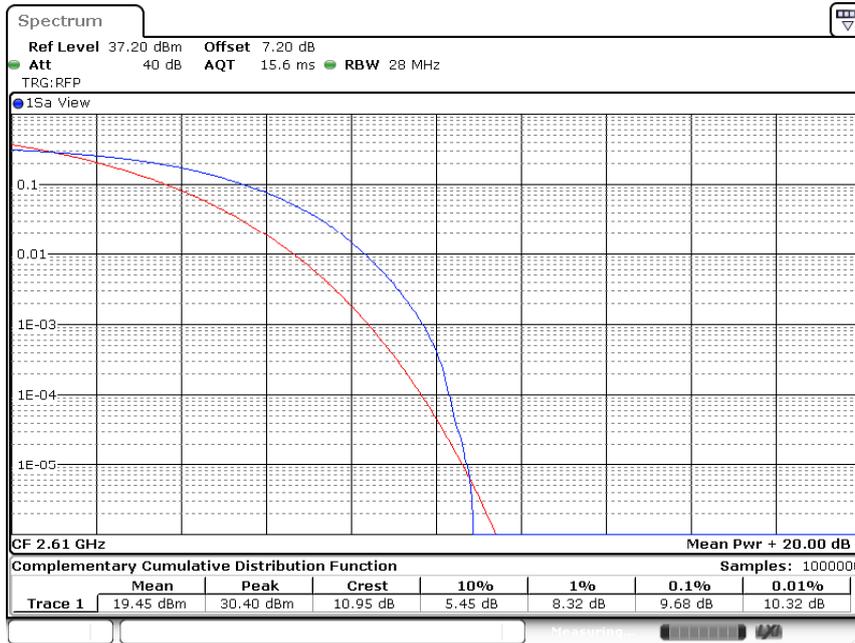
Date: 23.DEC.2020 20:33:29



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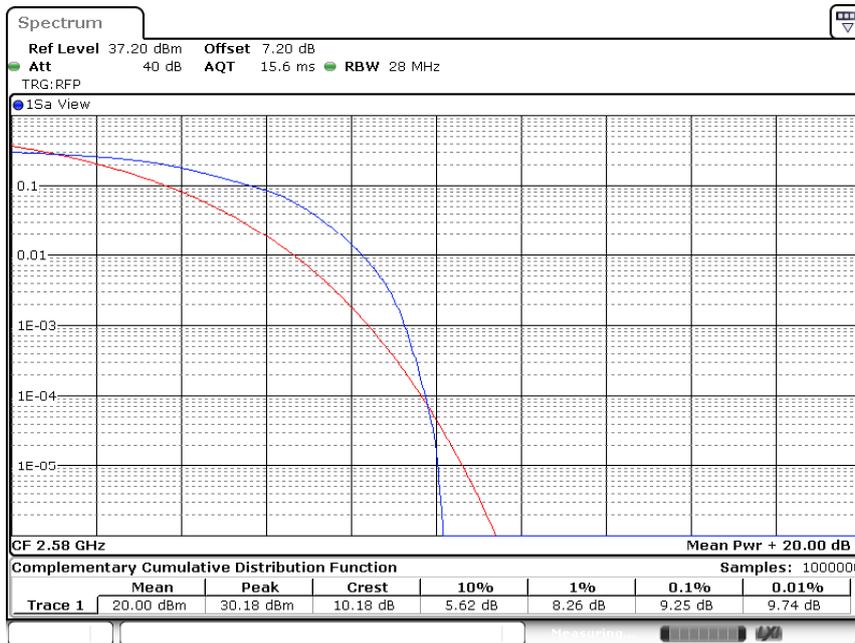
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Band38-20MHz-64QAM-38150-100RB#0



Date: 23.DEC.2020 20:33:40

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

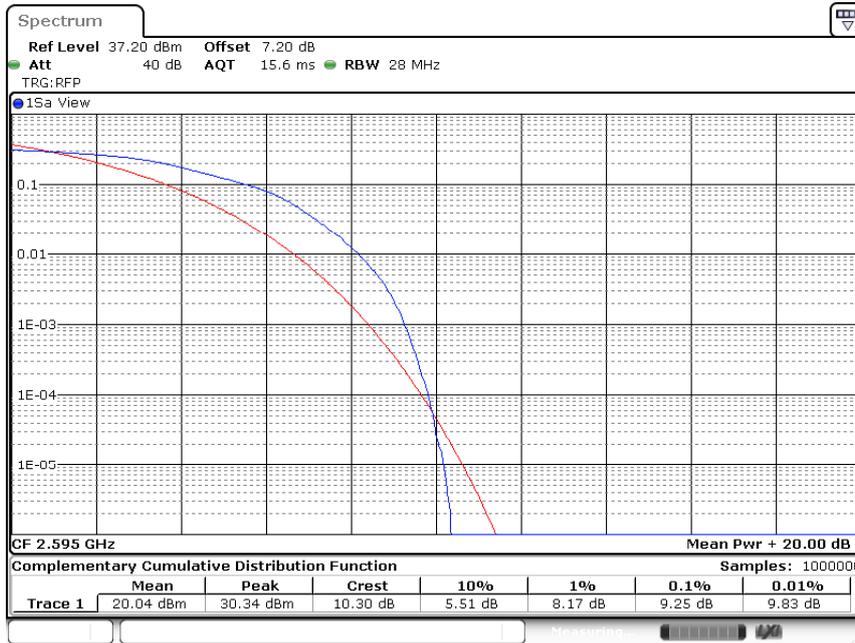


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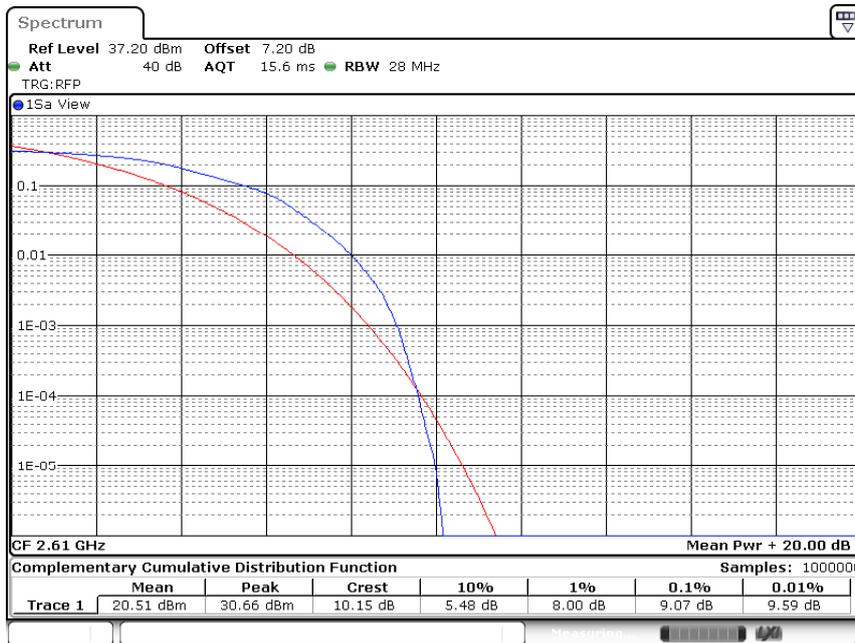
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Band38-20MHz-16QAM-38000-100RB#0



Date: 23.DEC.2020 20:16:03

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



Date: 23.DEC.2020 20:16:26

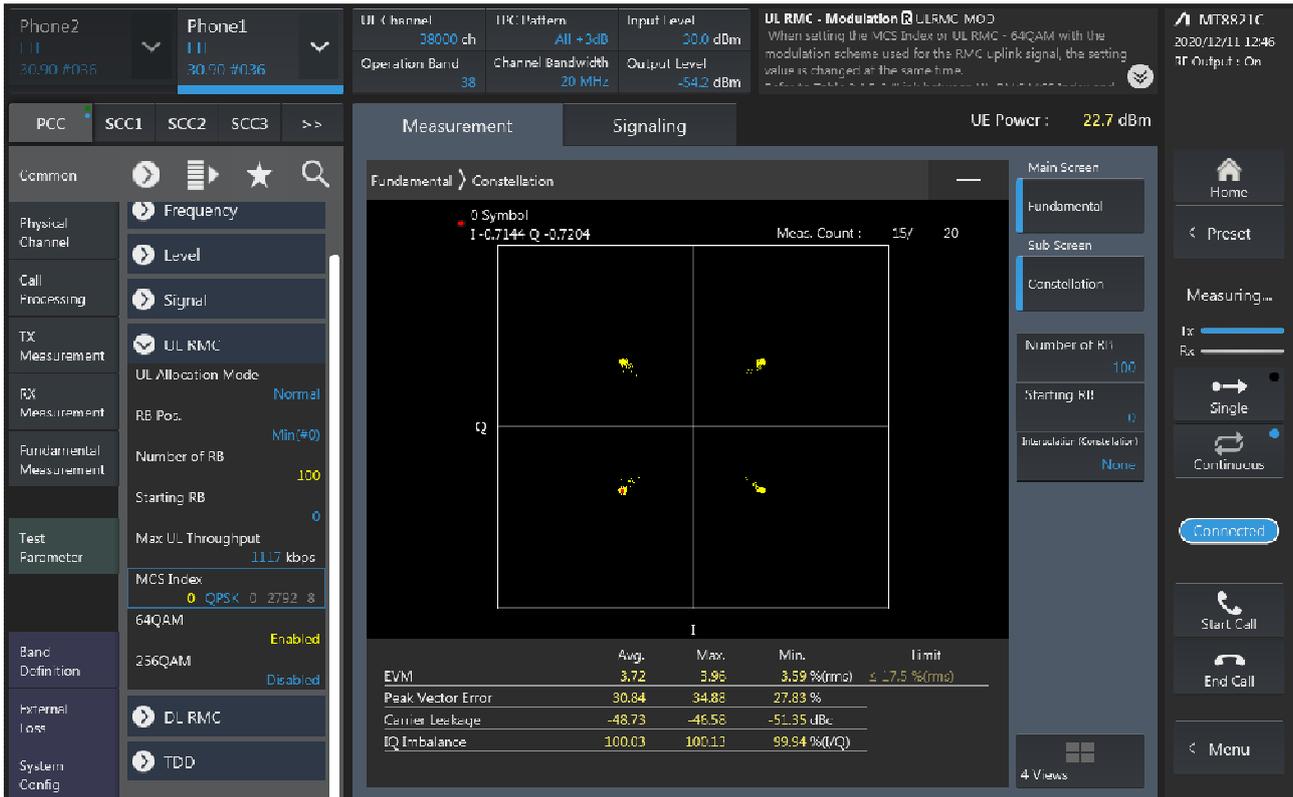


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

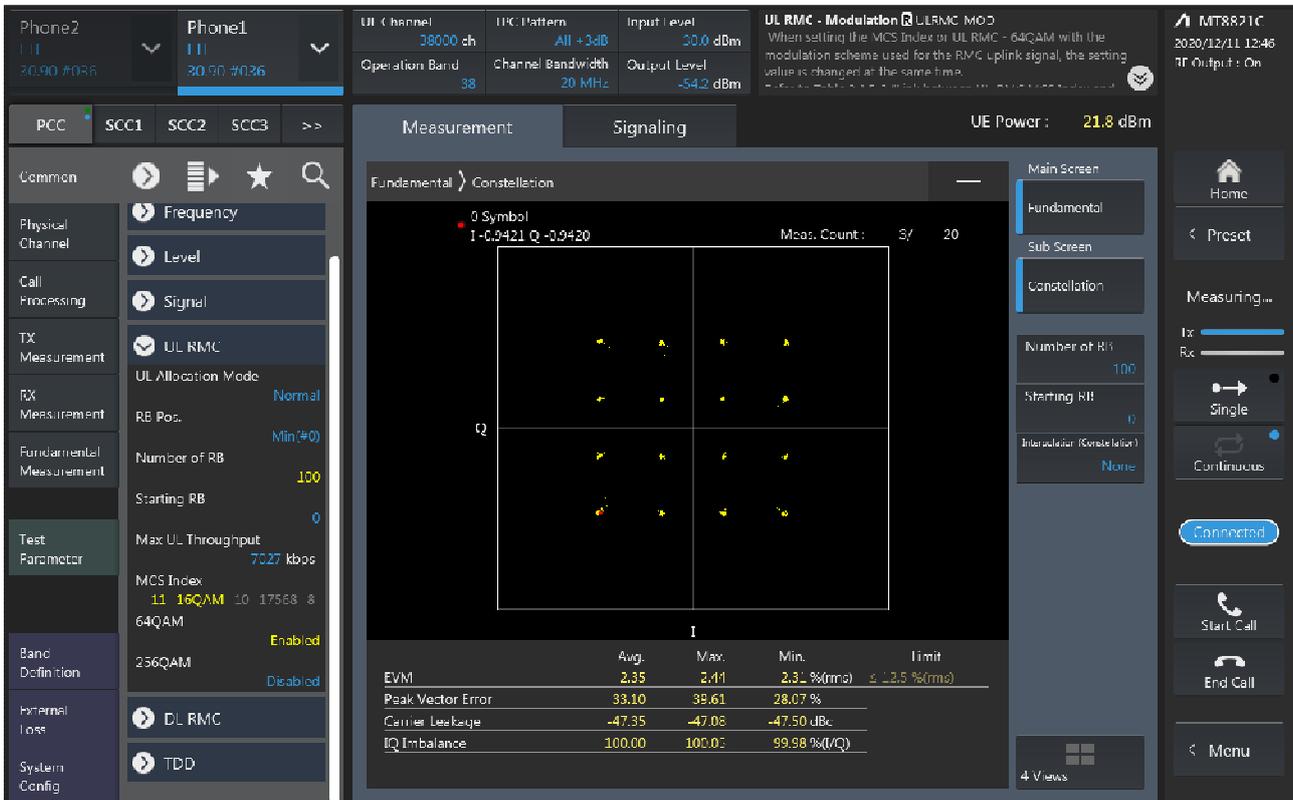
3.1.1. Test Channel = MCH



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3.2. Test Mode = LTE /TM2 20MHz

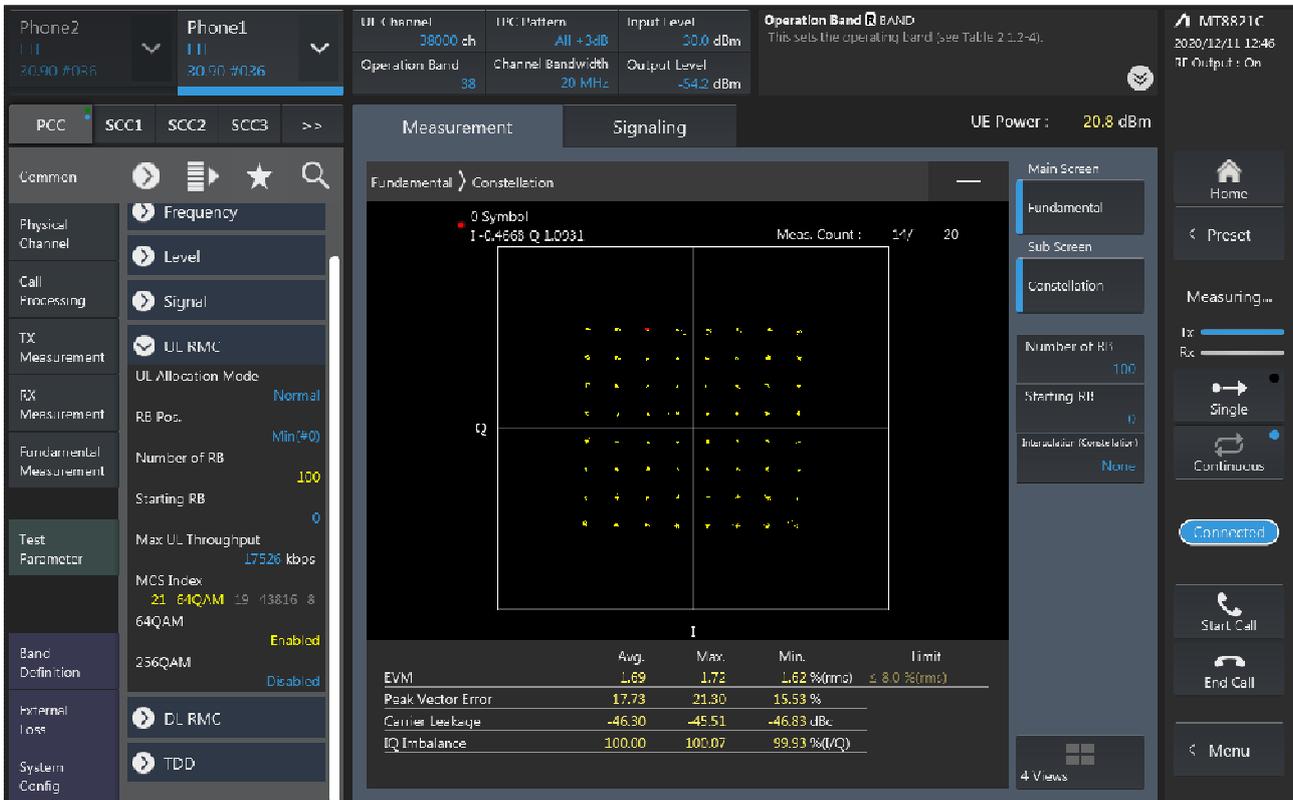
3.2.1. Test Channel = MCH



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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

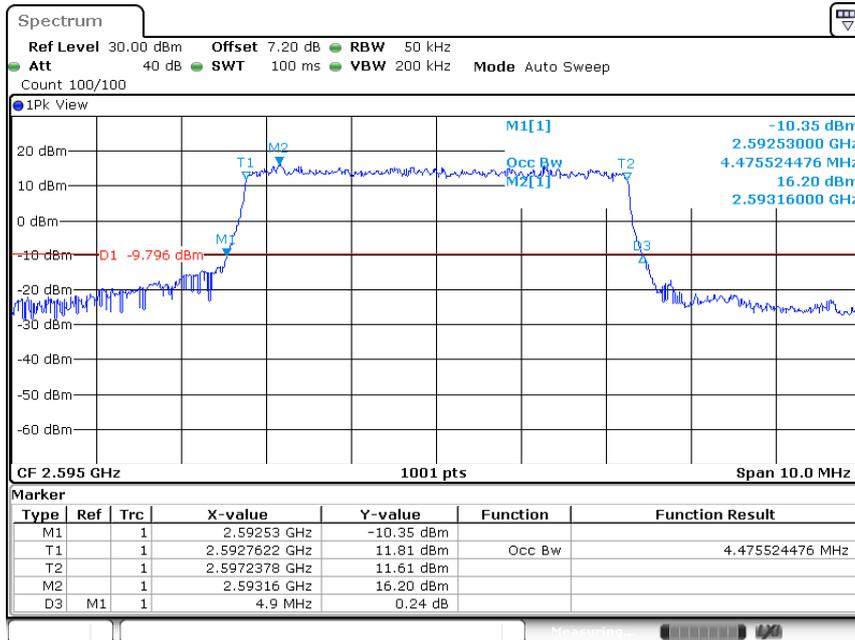
4.1. Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz | QPSK | 3775 | 25RB#0 | 4.476 | 4.910 | PASS |
| Band38 | 5MHz | QPSK | 3800 | 25RB#0 | 4.476 | 4.900 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 4.476 | 4.910 | PASS |
| Band38 | 5MHz | 64QAM | 3775 | 25RB#0 | 4.486 | 5.040 | PASS |
| Band38 | 5MHz | 64QAM | 38000 | 25RB#0 | 4.476 | 5.010 | PASS |
| Band38 | 5MHz | 64QAM | 38225 | 25RB#0 | 4.476 | 5.000 | PASS |
| Band38 | 5MHz | 16QAM | 3775 | 25RB#0 | 4.496 | 4.950 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 4.486 | 4.950 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 4.496 | 4.970 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 8.911 | 9.840 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 8.911 | 9.880 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 8.911 | 9.860 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0 | 8.931 | 9.720 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0 | 8.931 | 9.720 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0 | 8.931 | 9.720 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 8.911 | 9.660 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 8.911 | 9.660 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 8.911 | 9.700 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 13.487 | 16.110 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 13.516 | 16.290 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 13.487 | 16.290 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0 | 13.457 | 14.760 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0 | 13.457 | 14.820 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0 | 13.427 | 15.030 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 13.457 | 15.120 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 13.457 | 15.060 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 13.457 | 15.090 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 17.902 | 19.560 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 17.902 | 19.600 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 17.942 | 19.520 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 17.862 | 19.760 | PASS |



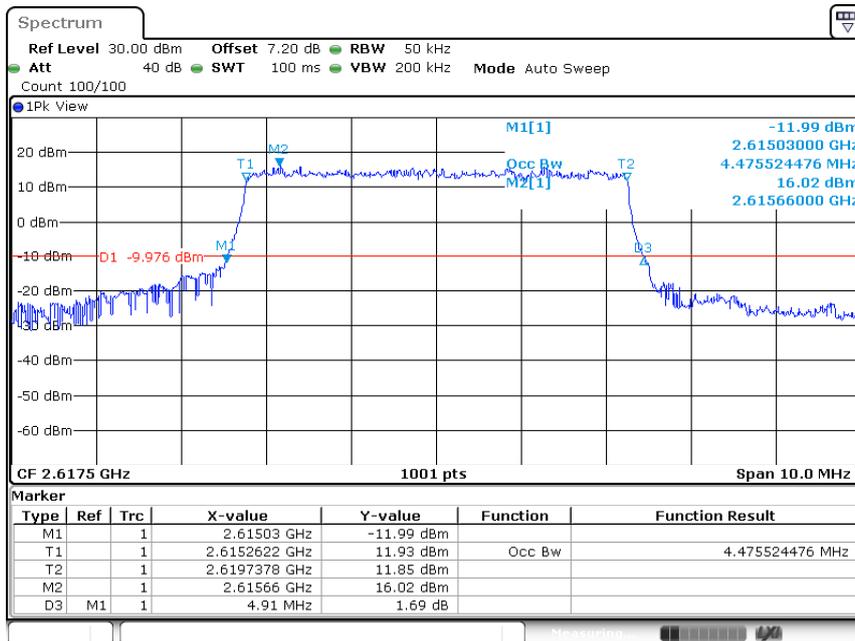
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Band38-5MHz-QPSK-38000-25RB#0-4.476



Date: 23.DEC.2020 19:53:27

Band38-5MHz-QPSK-38225-25RB#0-4.476

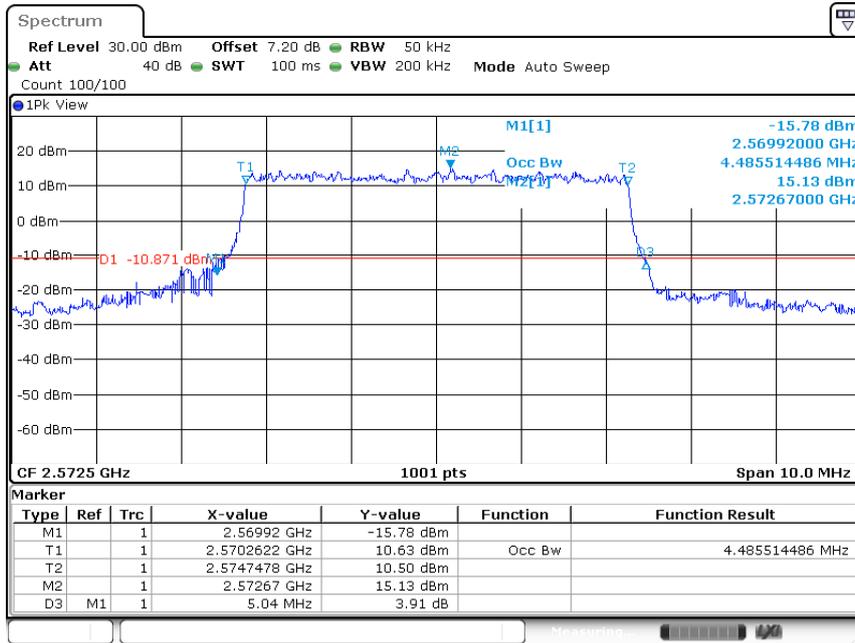


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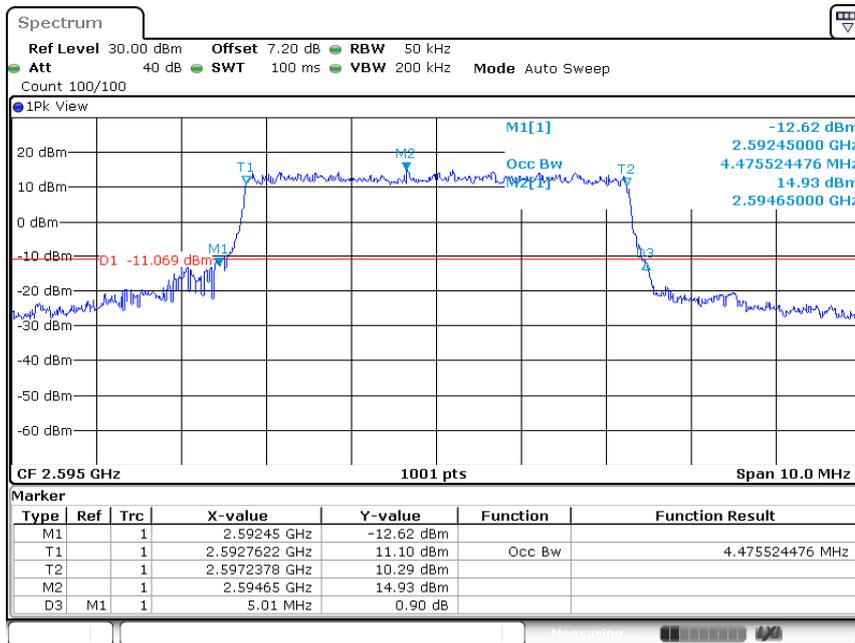
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Band38-5MHz-64QAM-37775-25RB#0-4.486



Date: 23.DEC.2020 20:21:17

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

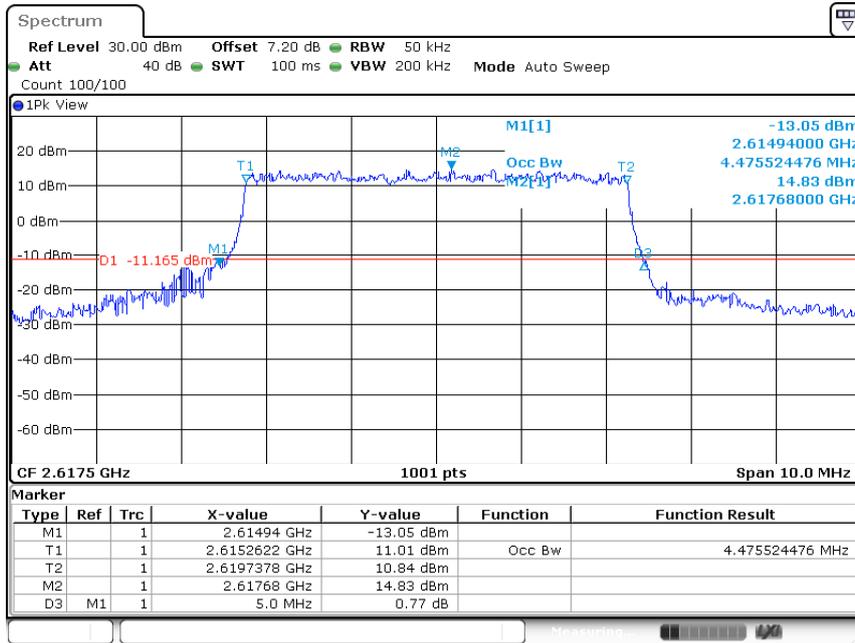


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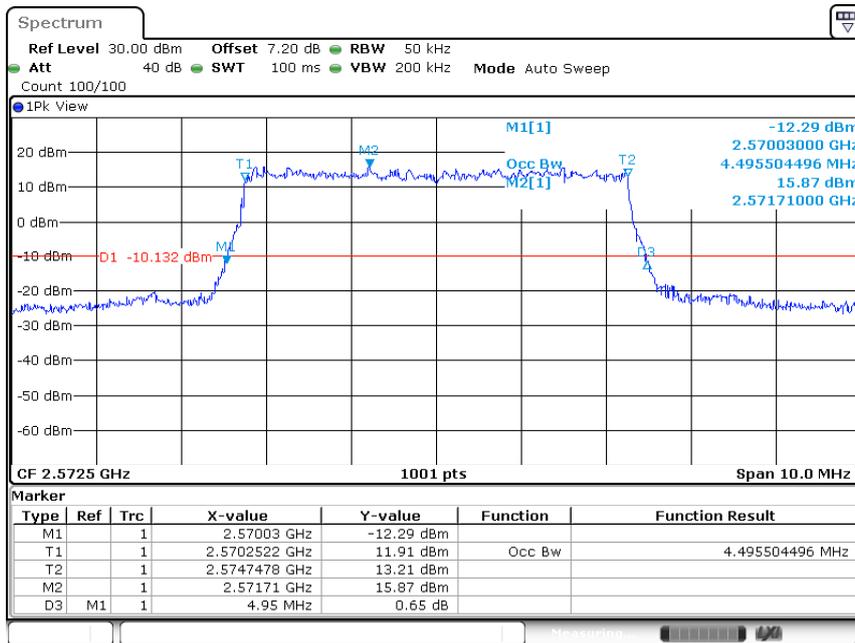
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Band38-5MHz-64QAM-38225-25RB#0-4.476



Date: 23.DEC.2020 20:21:58

Band38-5MHz-16QAM-37775-25RB#0-4.496

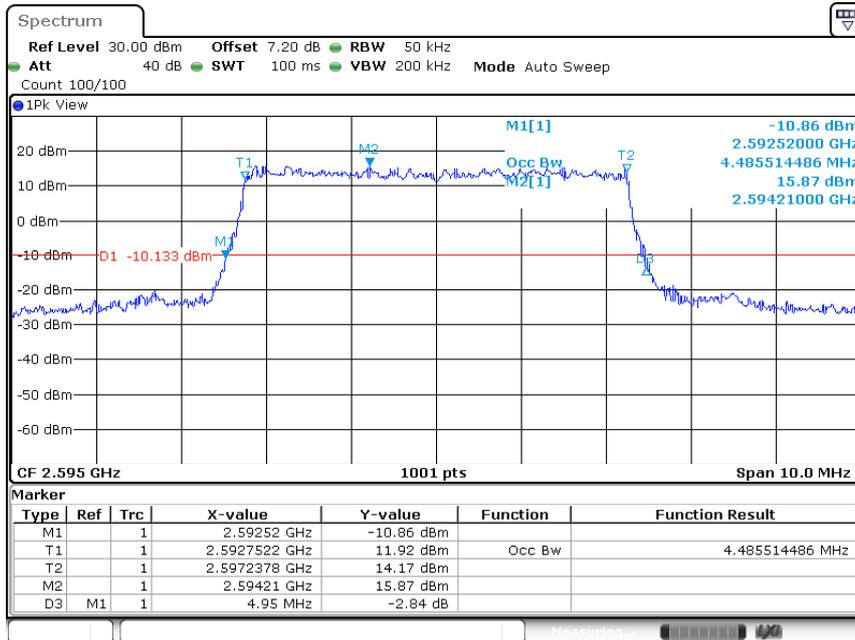


Date: 23.DEC.2020 19:53:08



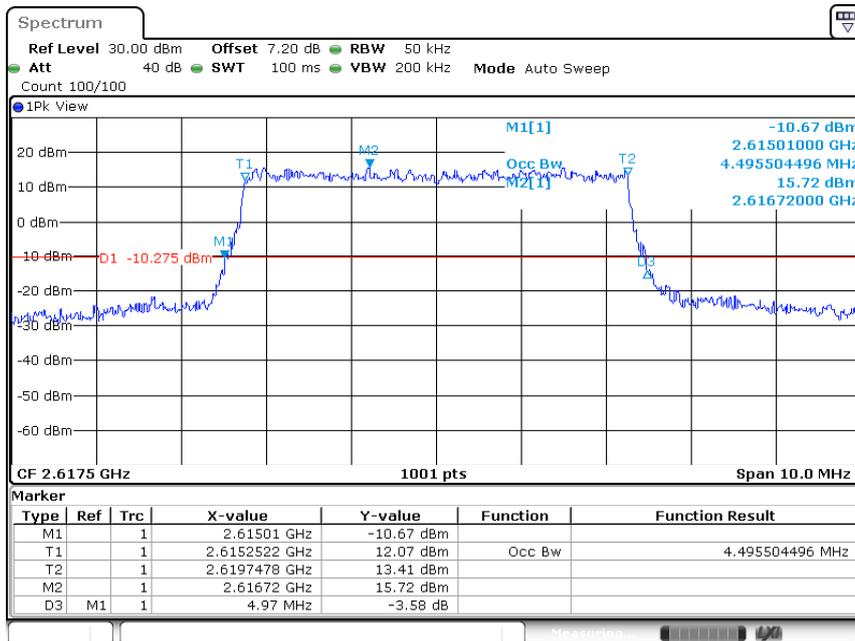
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Band38-5MHz-16QAM-38000-25RB#0-4.486



Date: 23.DEC.2020 19:53:47

Band38-5MHz-16QAM-38225-25RB#0-4.496



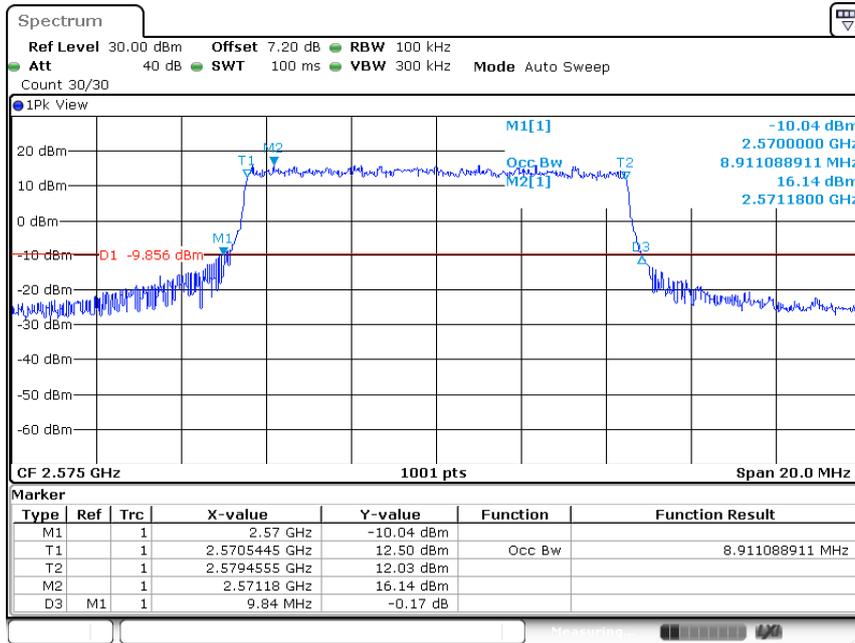
Date: 23.DEC.2020 19:54:27



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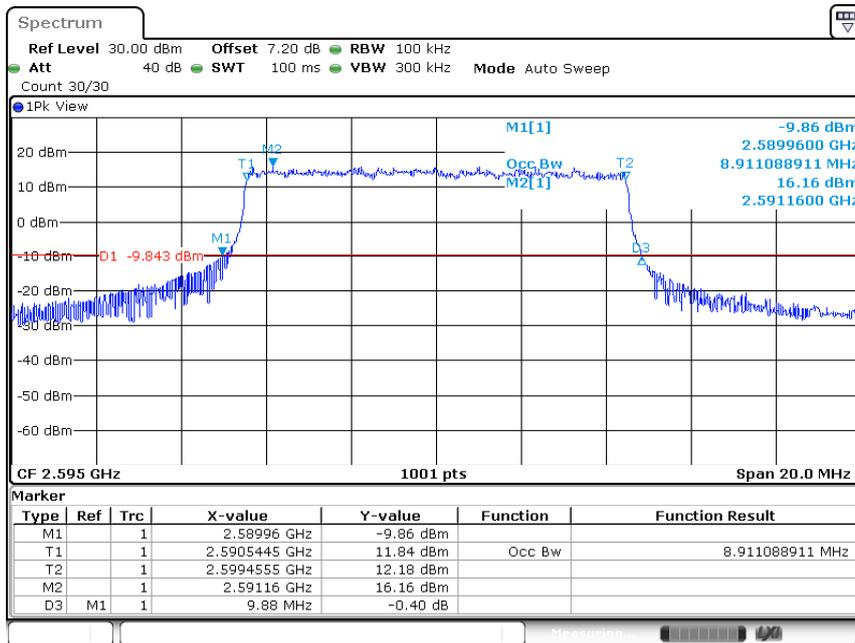
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Band38-10MHz-QPSK-37800-50RB#0-8.911



Date: 23.DEC.2020 19:54:45

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

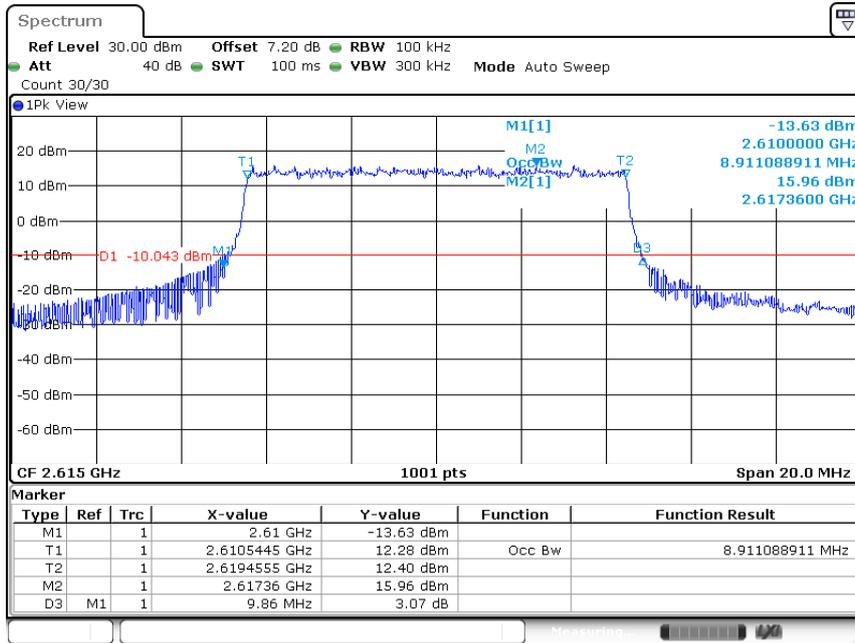


Date: 23.DEC.2020 19:55:10



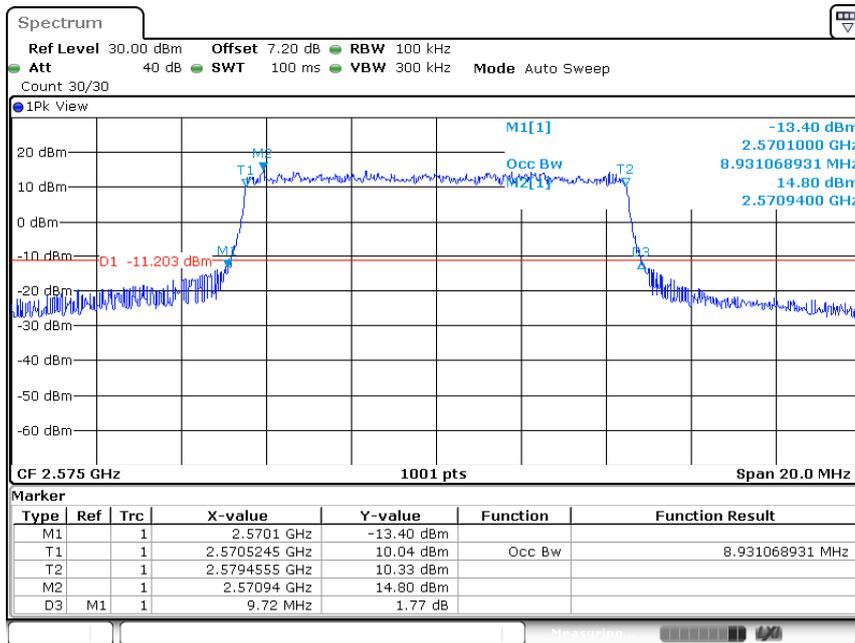
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Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 23.DEC.2020 19:55:36

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

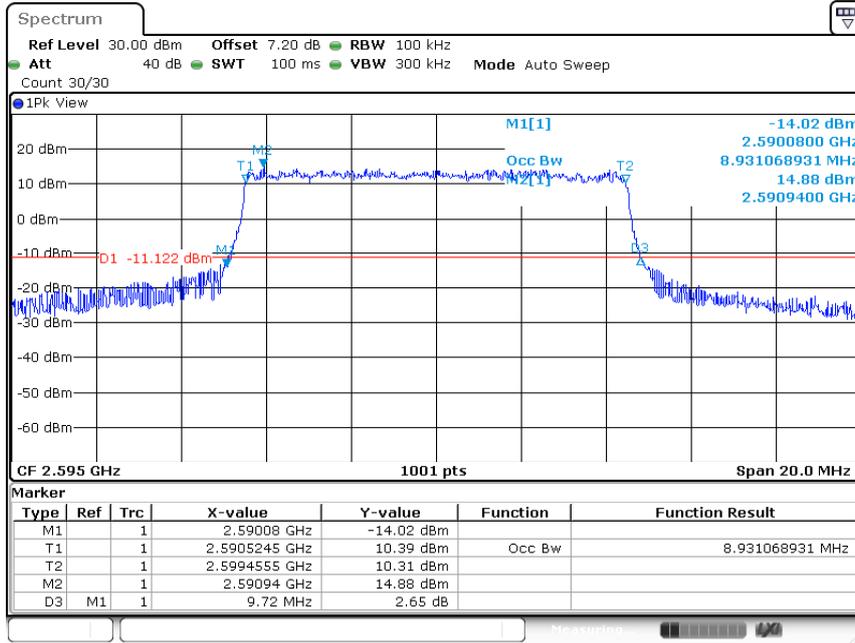


Date: 23.DEC.2020 20:22:17



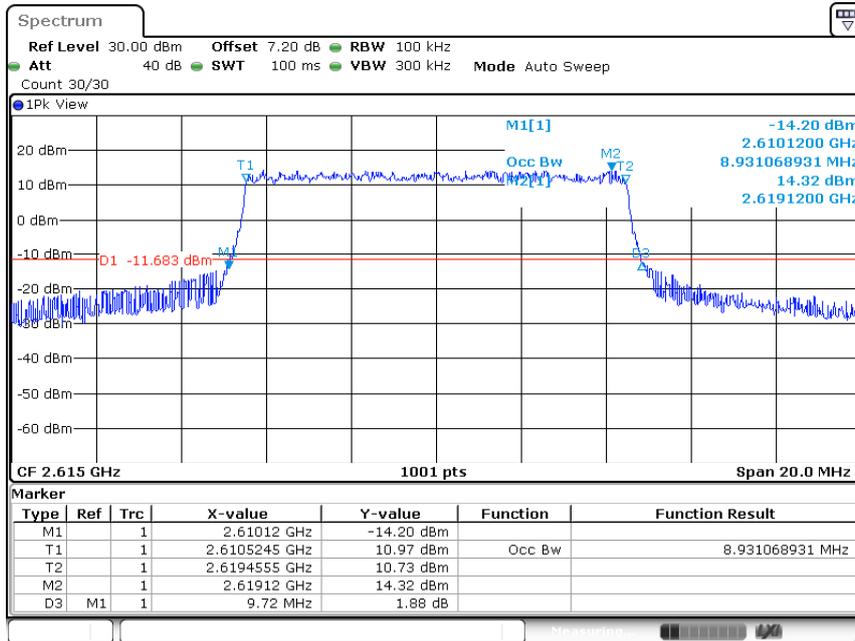
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Band38-10MHz-64QAM-38000-50RB#0-8.931



Date: 23.DEC.2020 20:22:31

Band38-10MHz-64QAM-38200-50RB#0-8.931

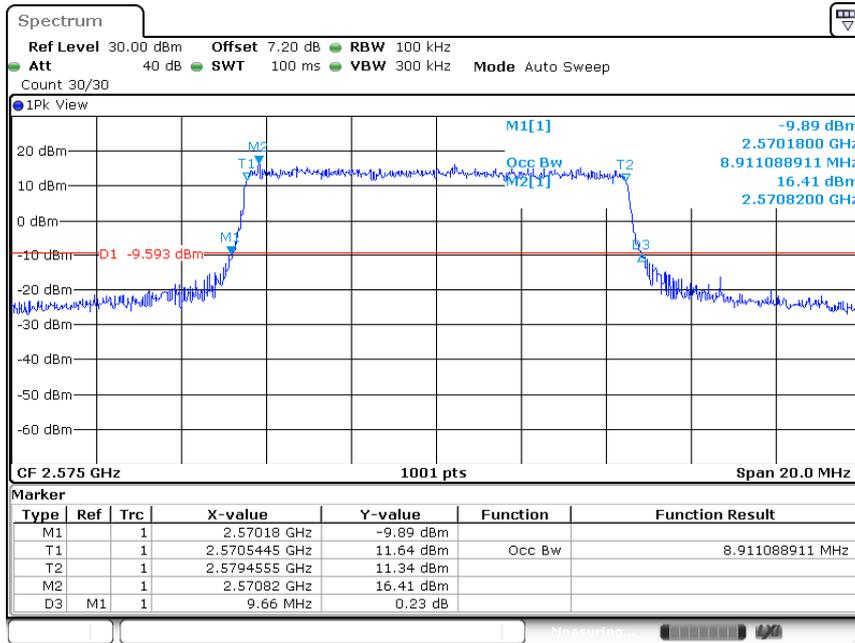


Date: 23.DEC.2020 20:22:44



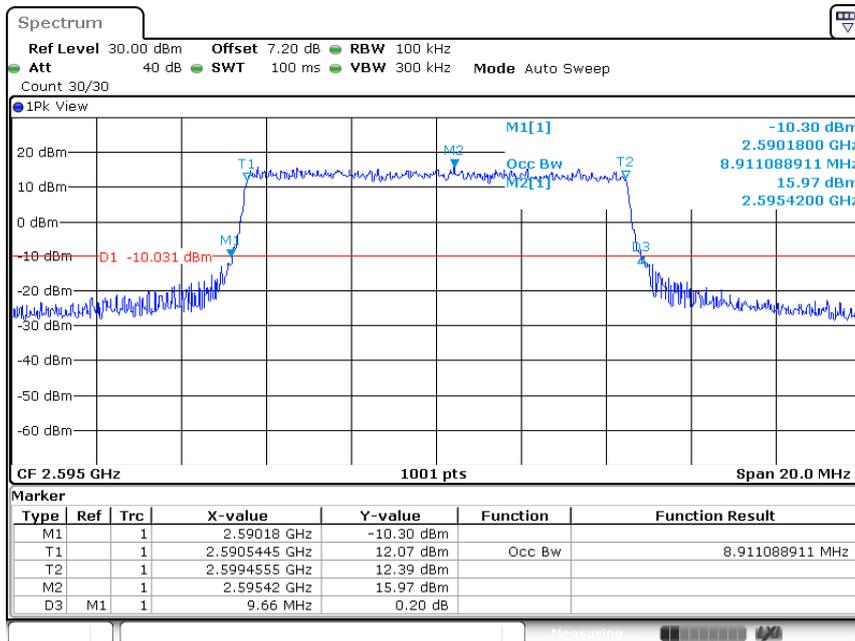
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Band38-10MHz-16QAM-37800-50RB#0-8.911



Date: 23.DEC.2020 19:54:58

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

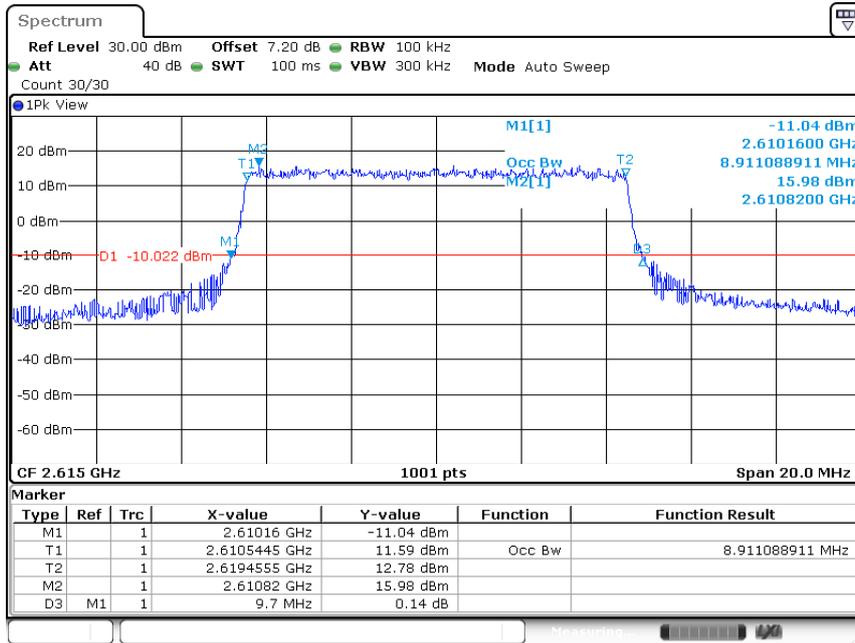


Date: 23.DEC.2020 19:55:23



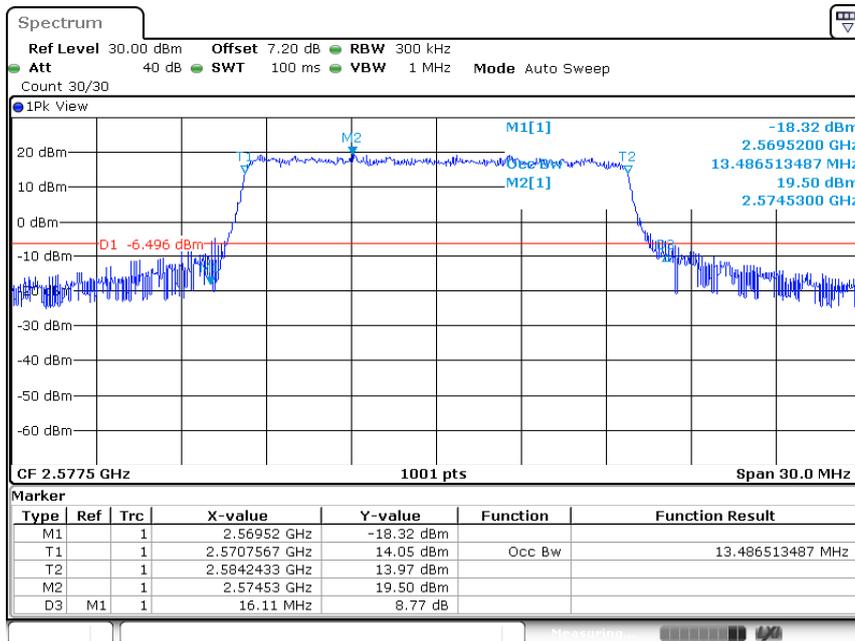
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Band38-10MHz-16QAM-38200-50RB#0-8.911



Date: 23.DEC.2020 19:55:49

Band38-15MHz-QPSK-37825-75RB#0-13.487

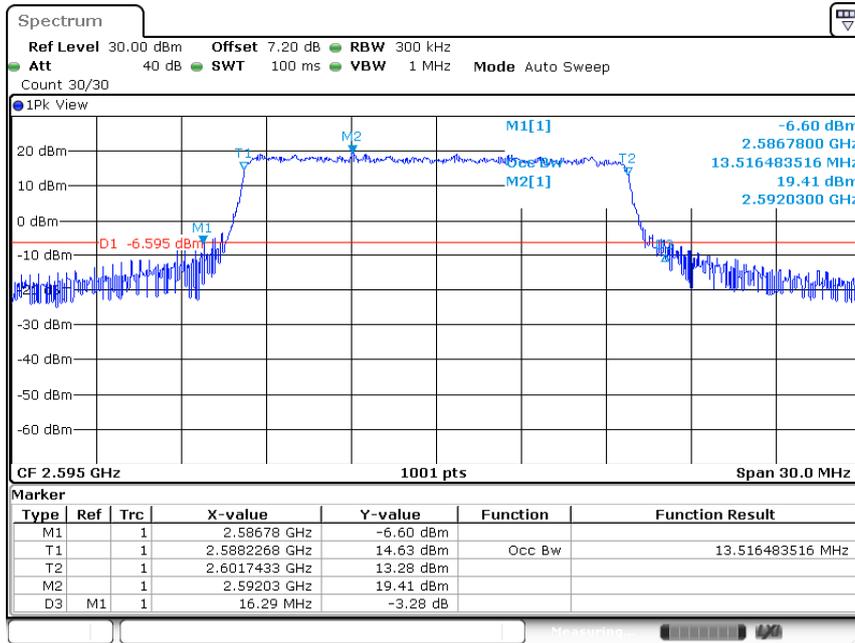


Date: 23.DEC.2020 19:56:11



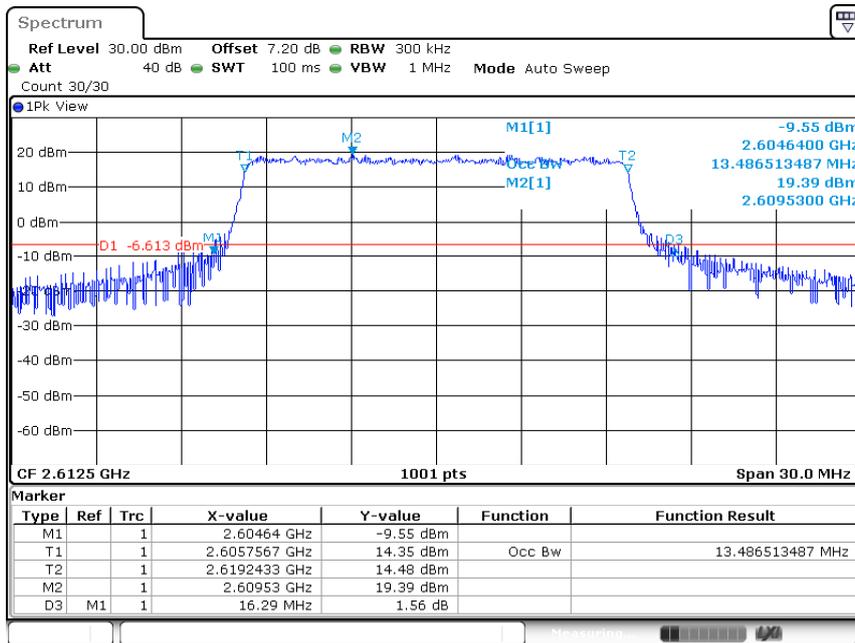
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Band38-15MHz-QPSK-38000-75RB#0-13.516



Date: 23.DEC.2020 19:56:36

Band38-15MHz-QPSK-38175-75RB#0-13.487

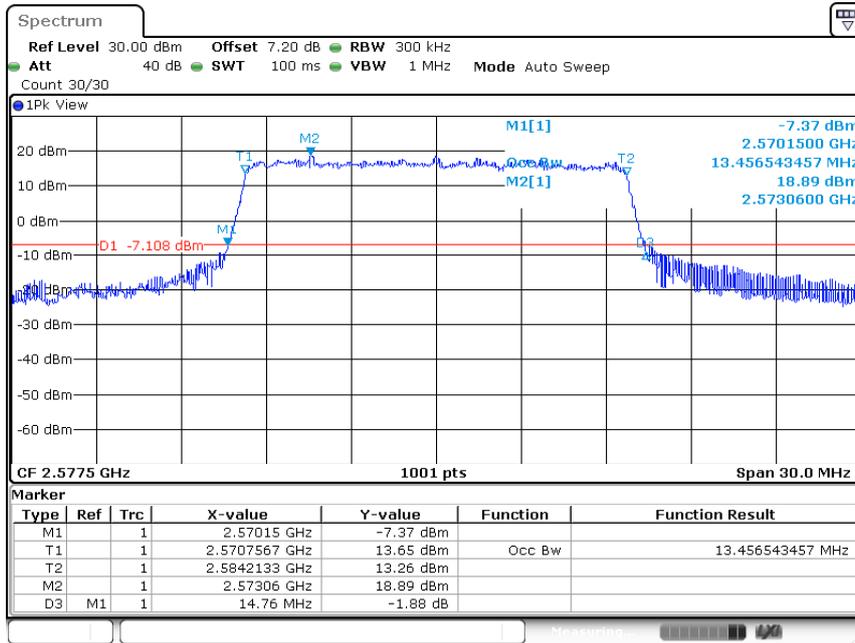


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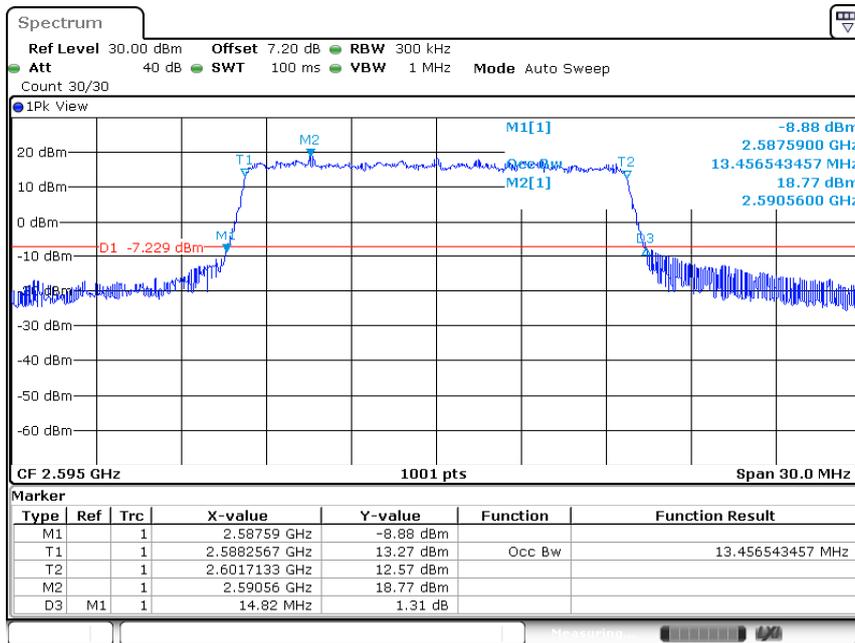
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Band38-15MHz-64QAM-37825-75RB#0-13.457



Date: 23.DEC.2020 20:23:03

Band38-15MHz-64QAM-38000-75RB#0-13.457

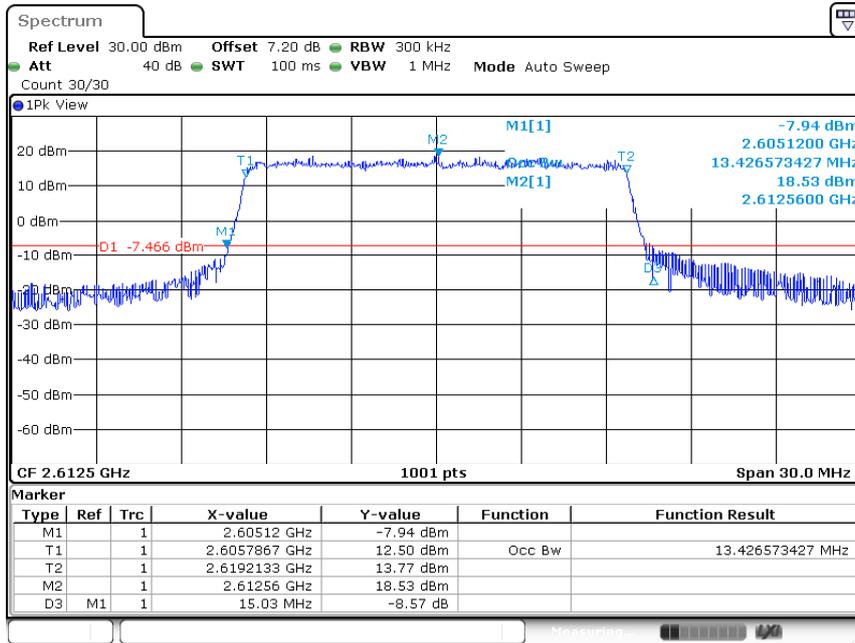


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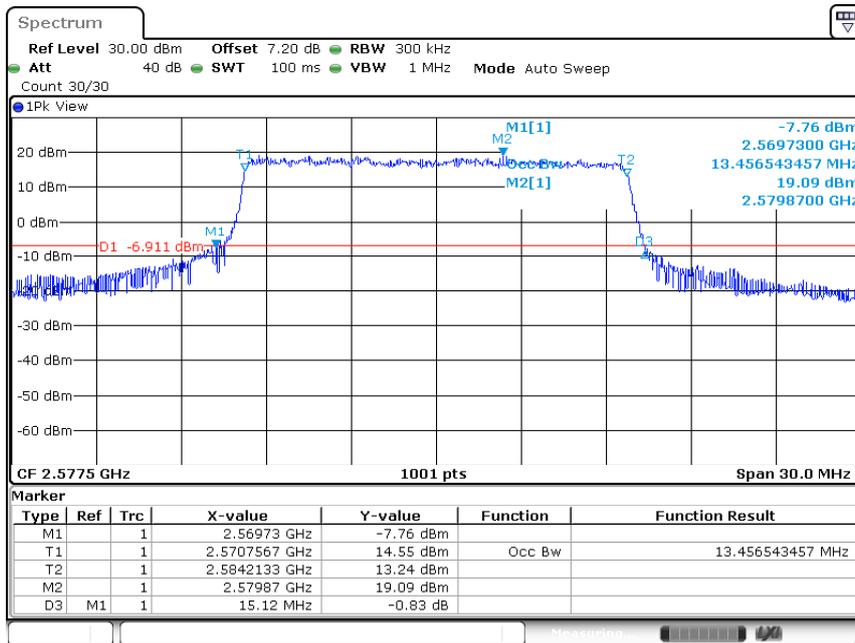
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Band38-15MHz-64QAM-38175-75RB#0-13.427



Date: 23.DEC.2020 20:23:29

Band38-15MHz-16QAM-37825-75RB#0-13.457

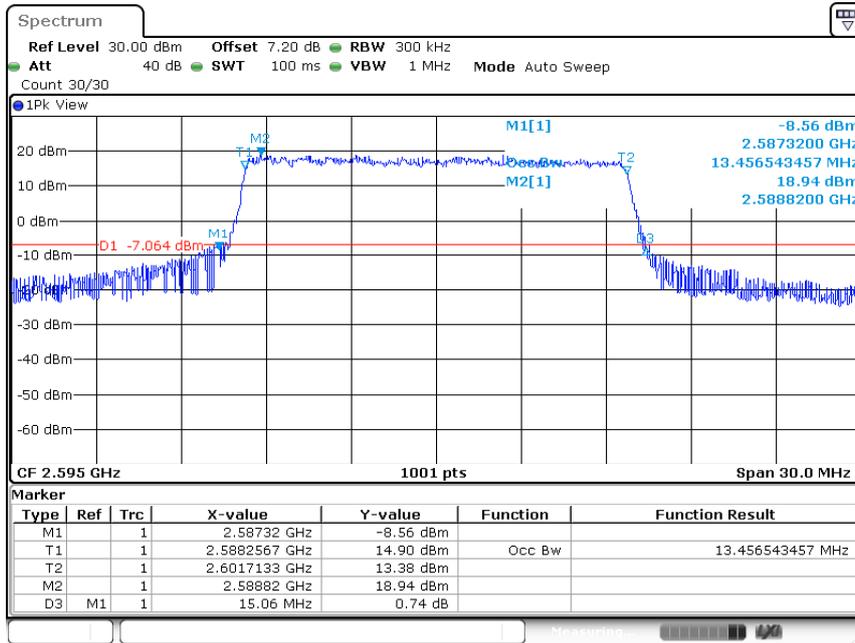


Date: 23.DEC.2020 19:56:23



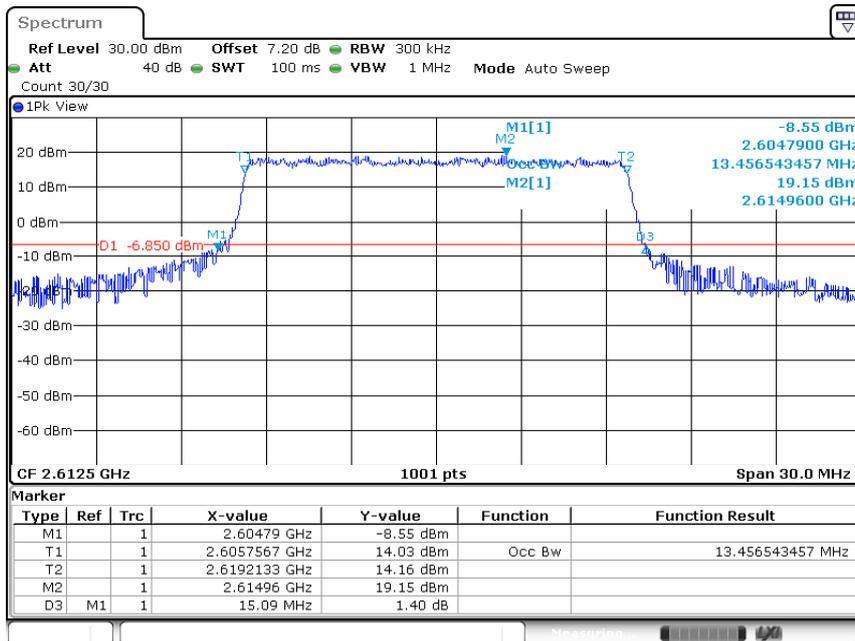
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Band38-15MHz-16QAM-38000-75RB#0-13.457



Date: 23.DEC.2020 19:56:49

Band38-15MHz-16QAM-38175-75RB#0-13.457

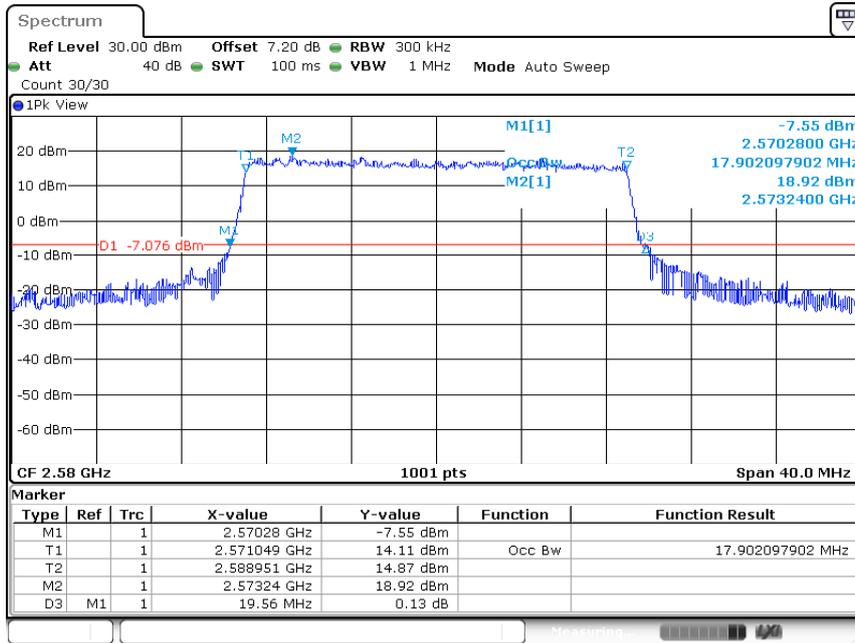


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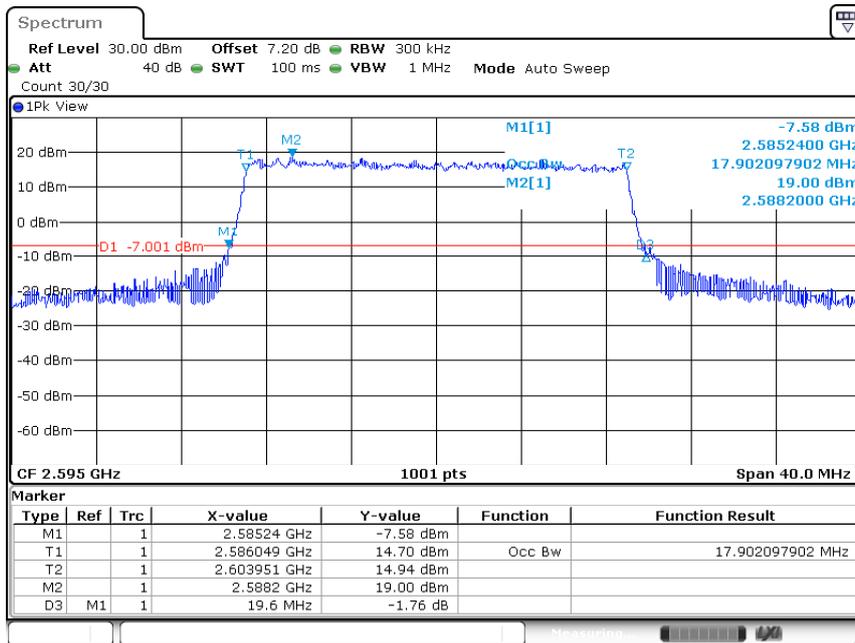
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Band38-20MHz-QPSK-37850-100RB#0-17.902



Date: 23.DEC.2020 19:57:33

Band38-20MHz-QPSK-38000-100RB#0-17.902

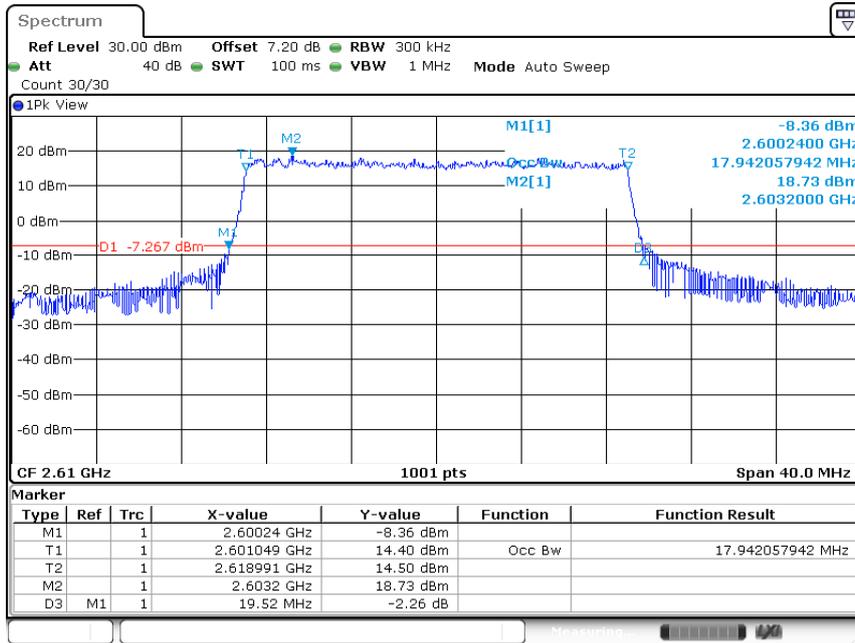


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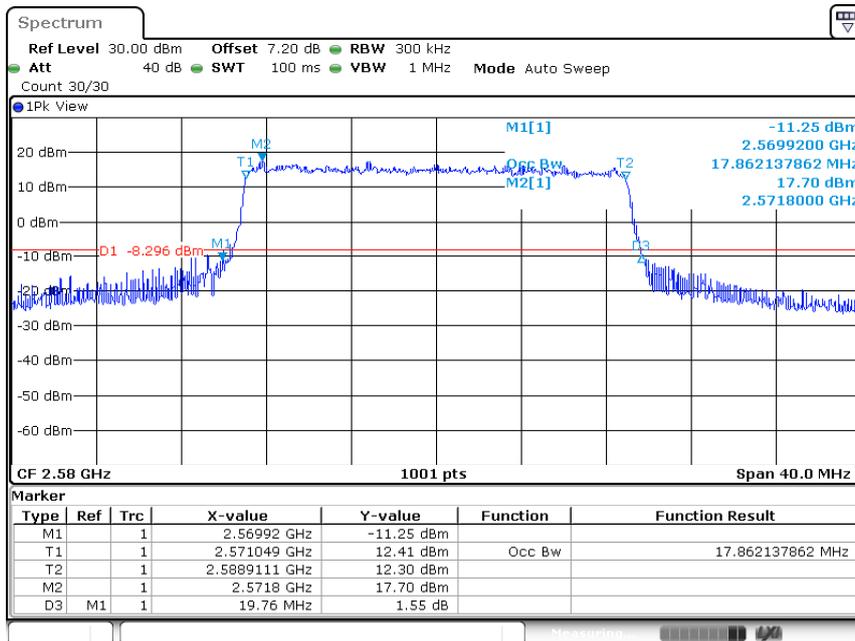
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Band38-20MHz-QPSK-38150-100RB#0-17.942



Date: 23.DEC.2020 19:58:27

Band38-20MHz-64QAM-37850-100RB#0-17.862

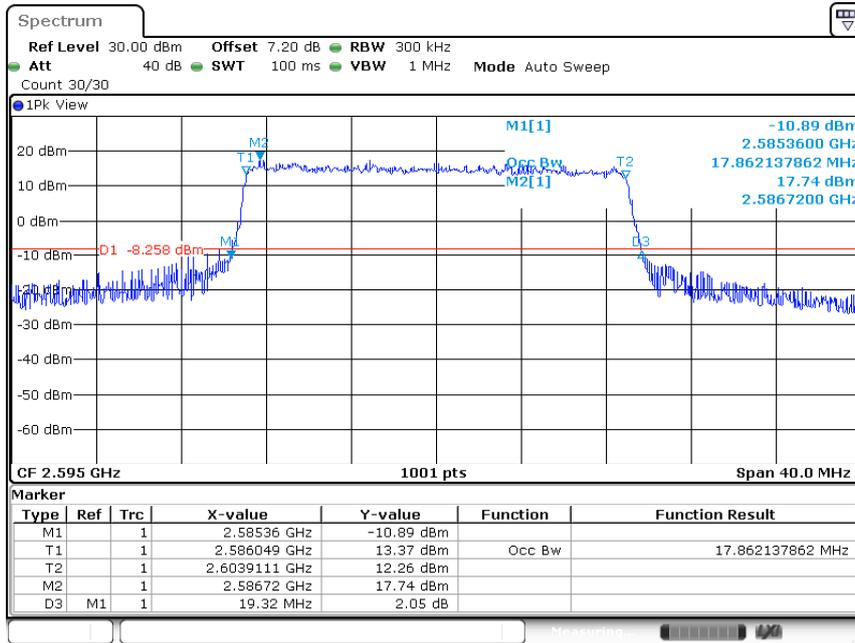


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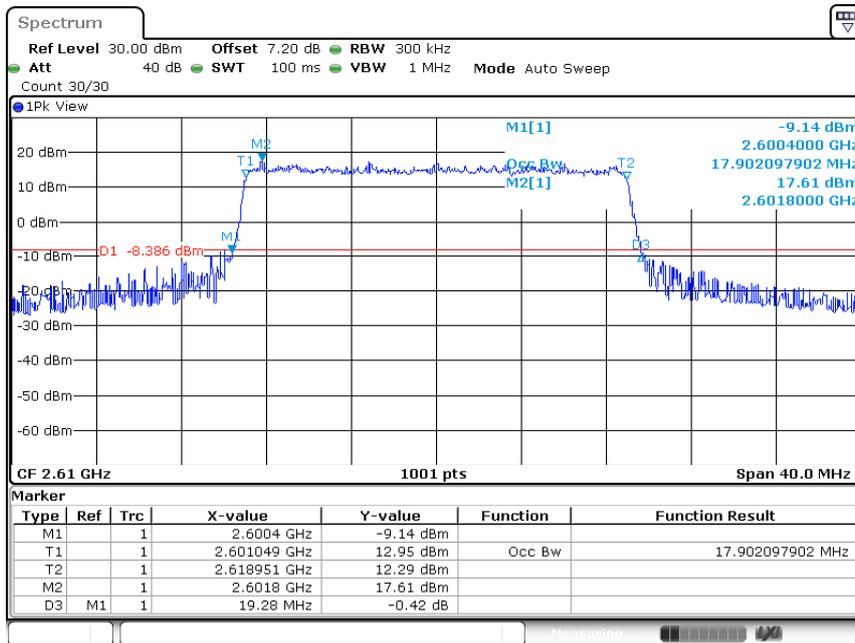
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Band38-20MHz-64QAM-38000-100RB#0-17.862



Date: 23.DEC.2020 20:24:01

Band38-20MHz-64QAM-38150-100RB#0-17.902

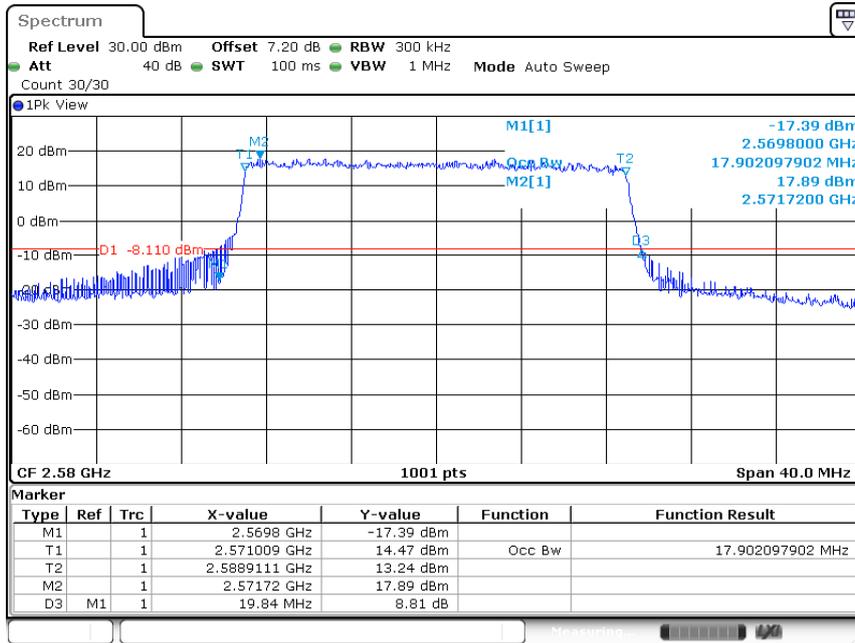


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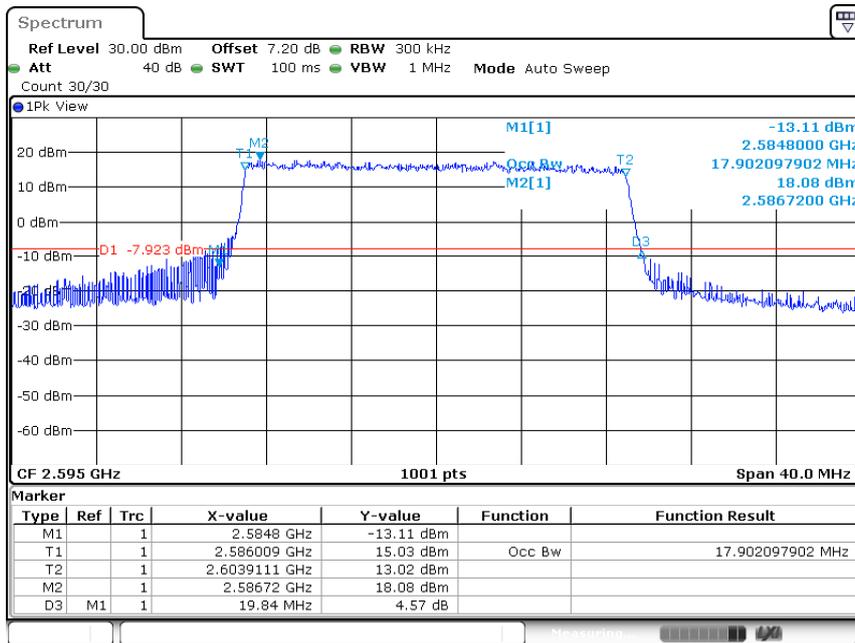
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Band38-20MHz-16QAM-37850-100RB#0-17.902



Date: 23.DEC.2020 19:57:46

Band38-20MHz-16QAM-38000-100RB#0-17.902

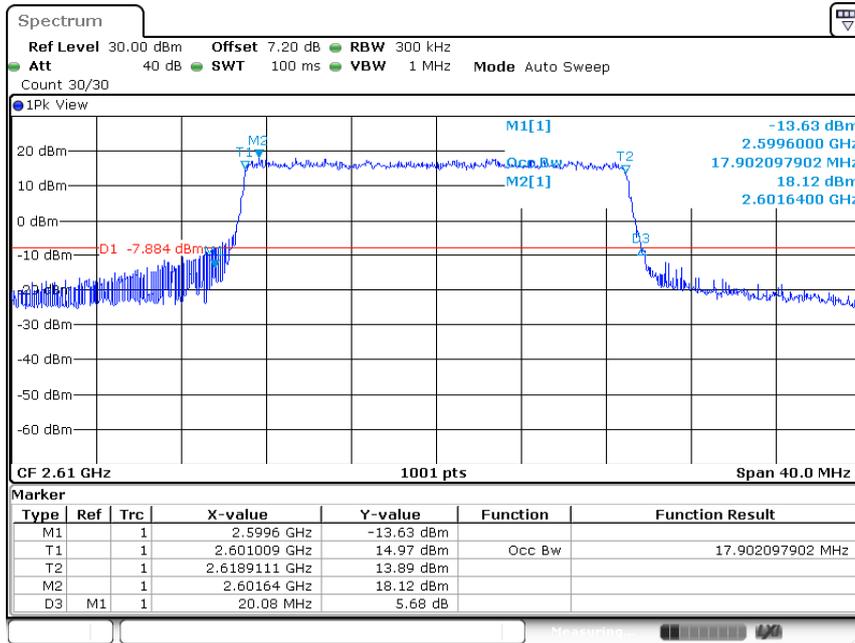


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Band38-20MHz-16QAM-38150-100RB#0-17.902



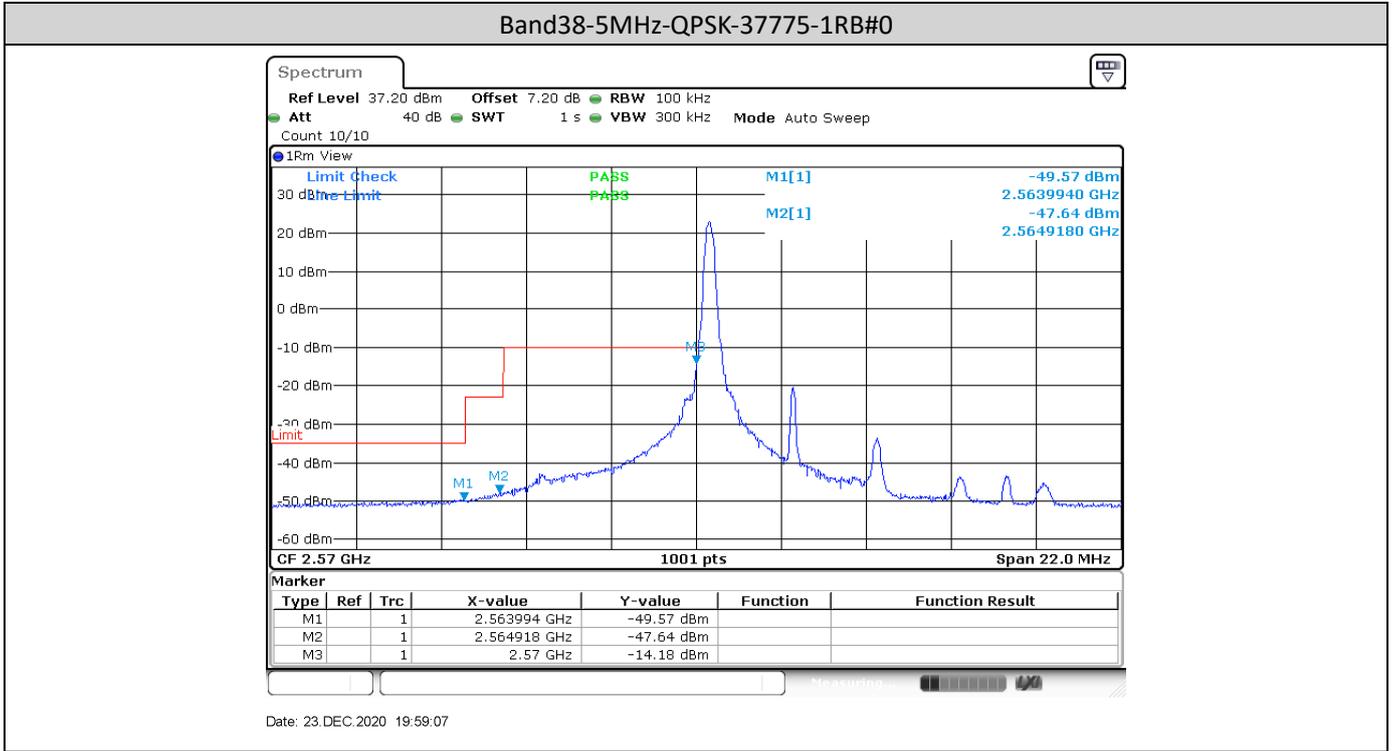
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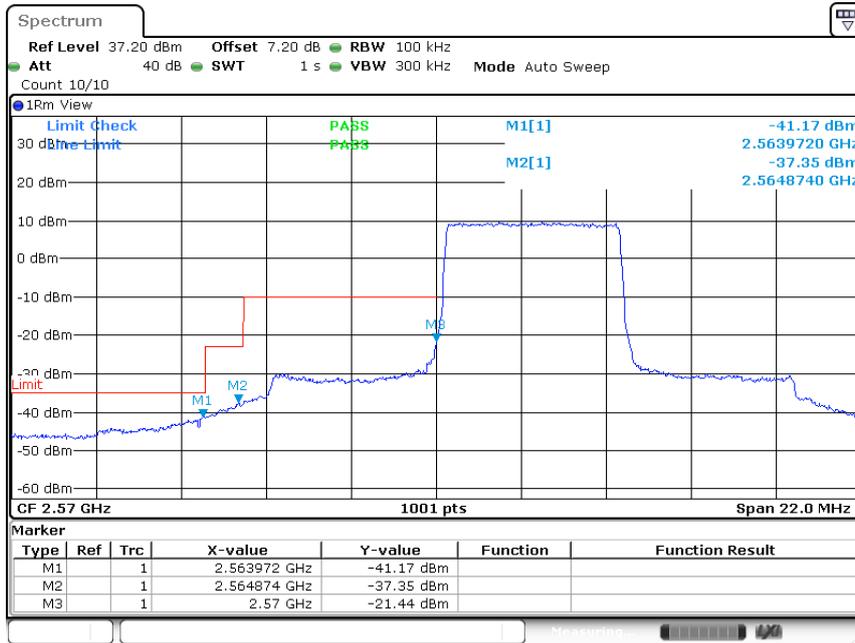
5. Band Edge Compliance

5.1. Test Plots



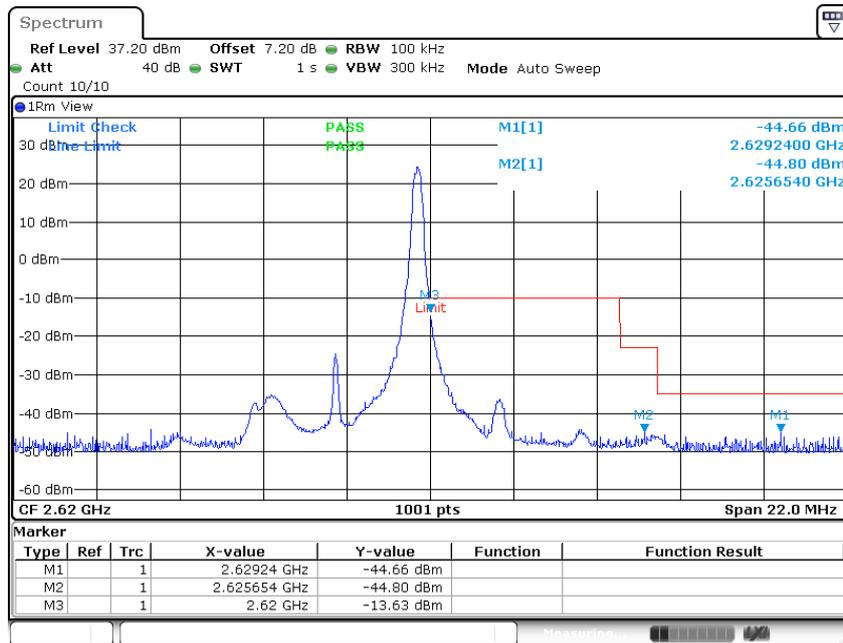
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Band38-5MHz-QPSK-37775-25RB#0



Date: 23.DEC.2020 20:00:49

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

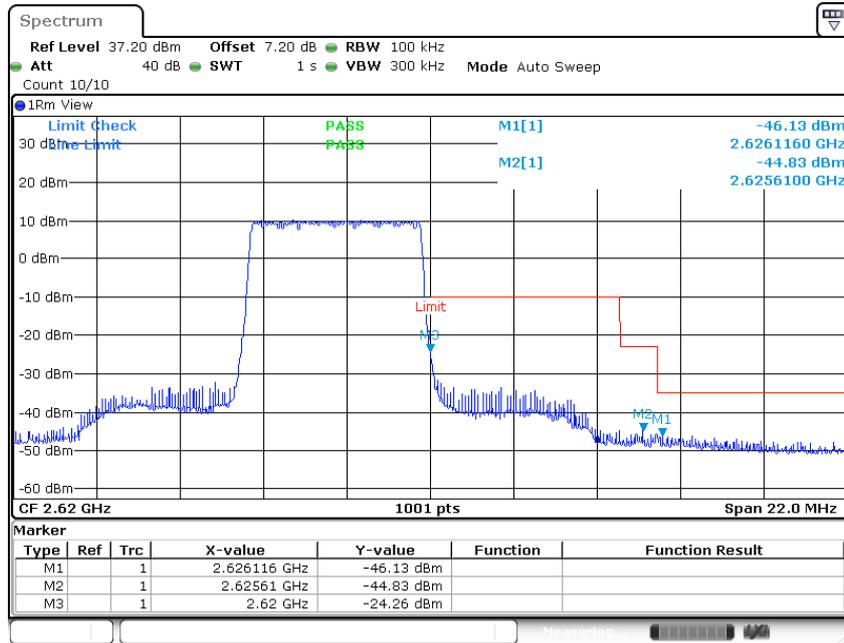


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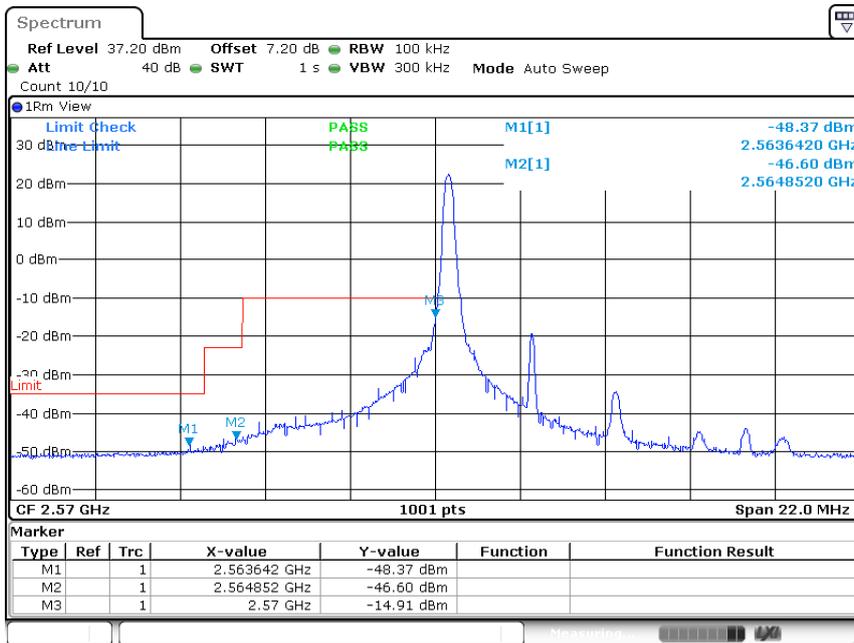
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Band38-5MHz-64QAM-37775-1RB#0

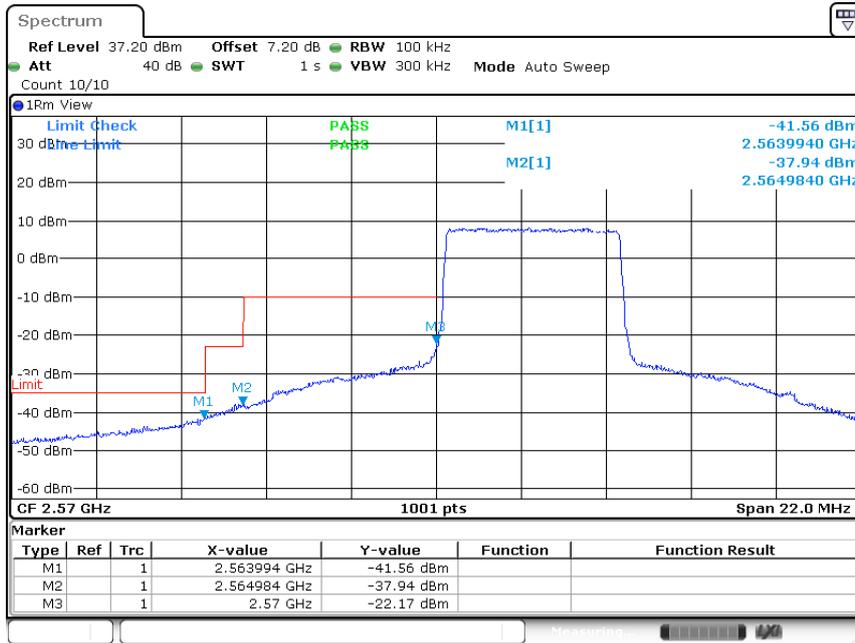


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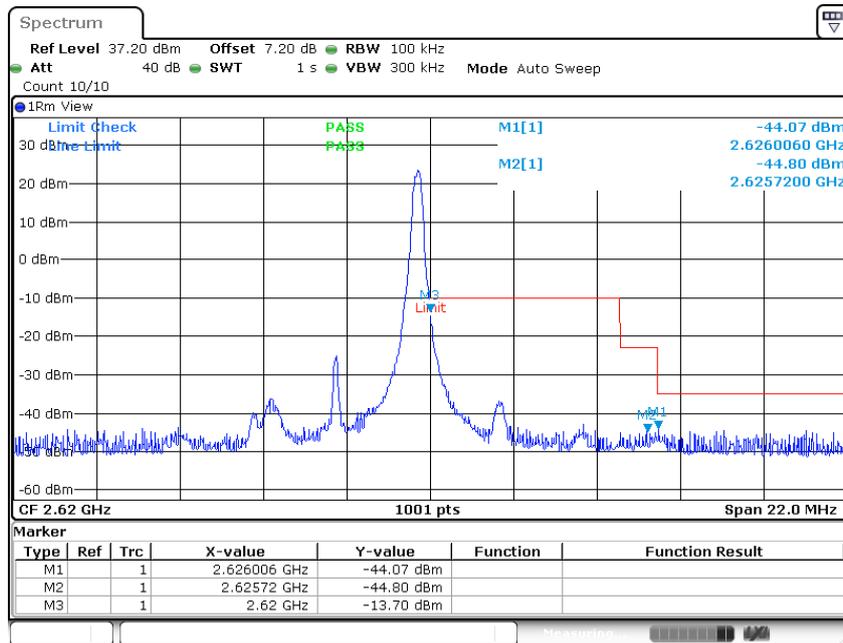
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Band38-5MHz-64QAM-37775-25RB#0



Date: 23.DEC.2020 20:25:36

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

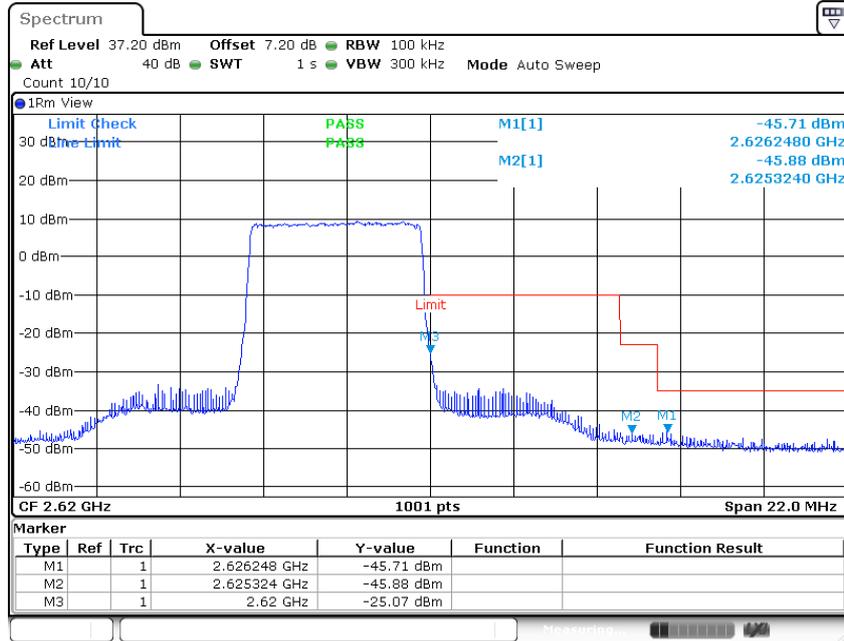


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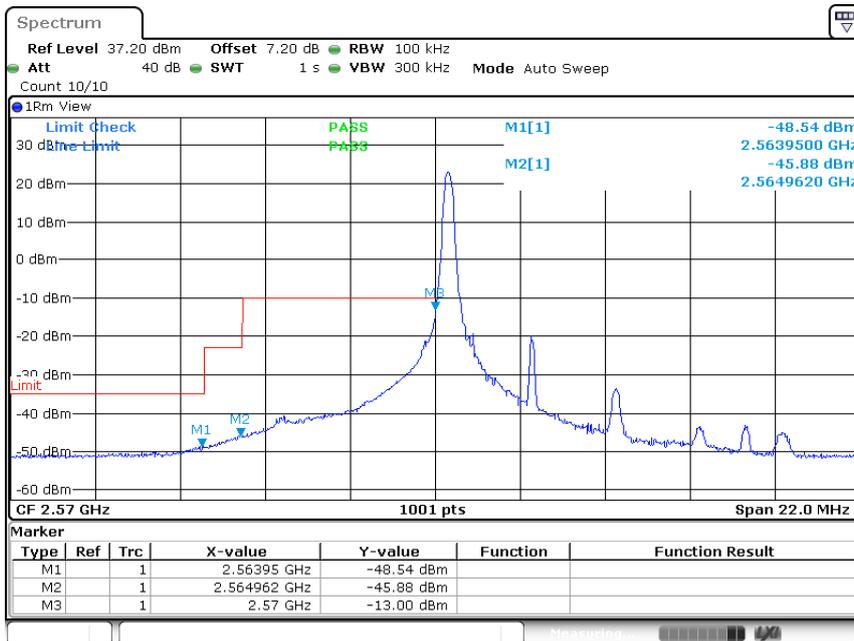
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Band38-5MHz-64QAM-38225-25RB#0



Date: 29.DEC.2020 21:16:05

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

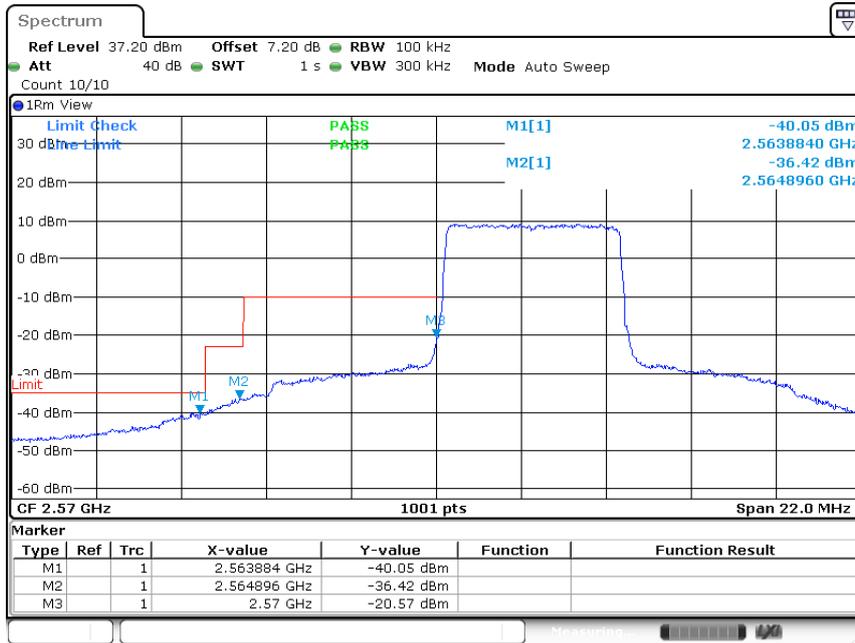


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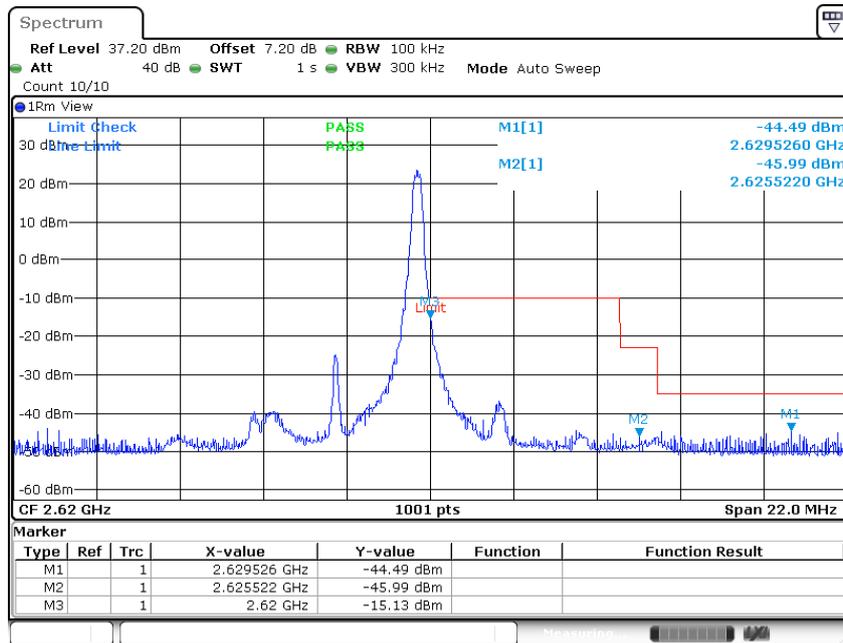
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Band38-5MHz-16QAM-37775-25RB#0



Date: 23.DEC.2020 20:01:10

Band38-5MHz-16QAM-38225-1RB#24

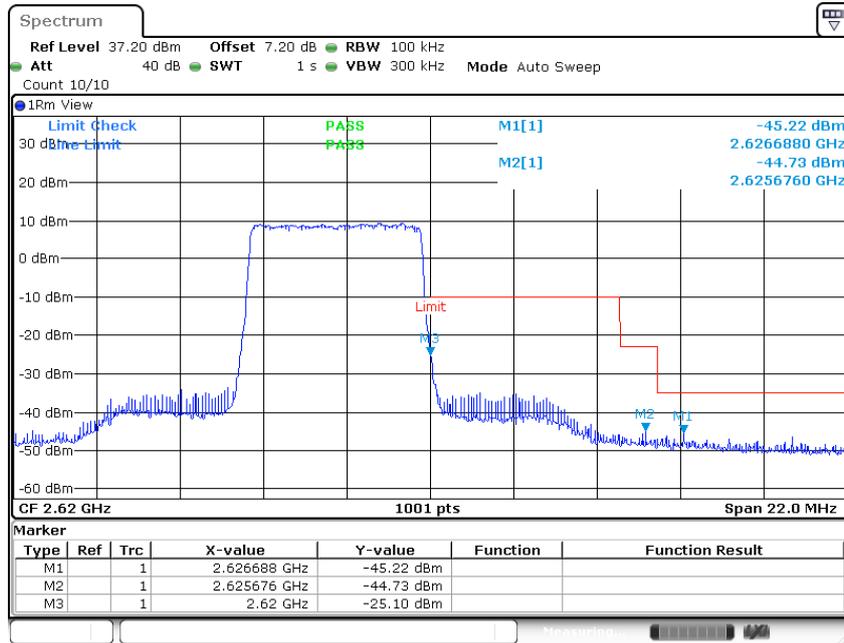


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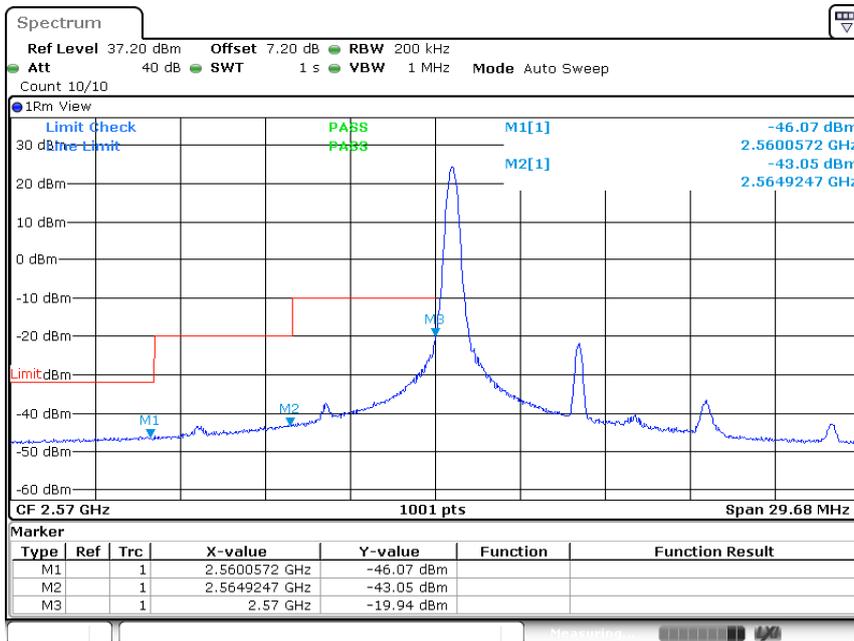
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Band38-5MHz-16QAM-38225-25RB#0



Date: 29.DEC.2020 21:21:17

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

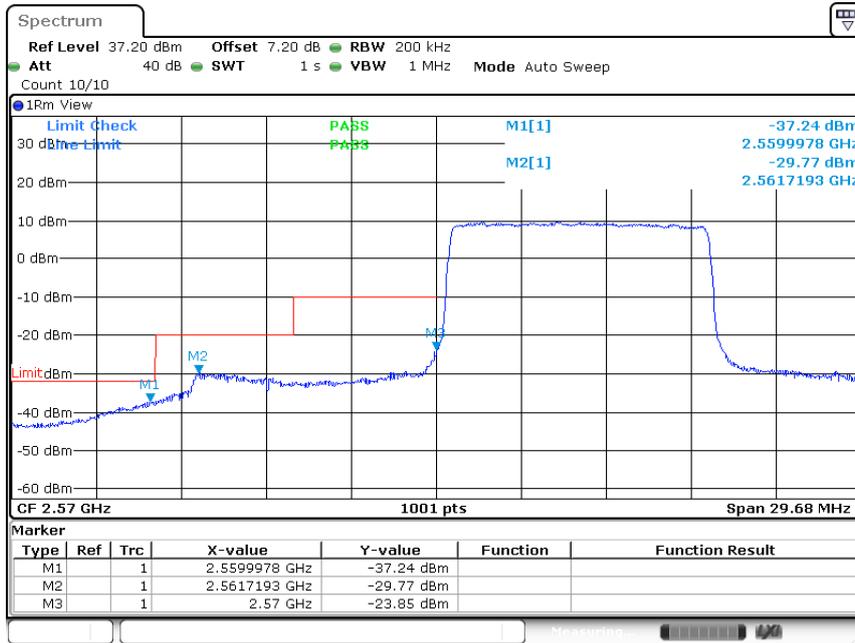


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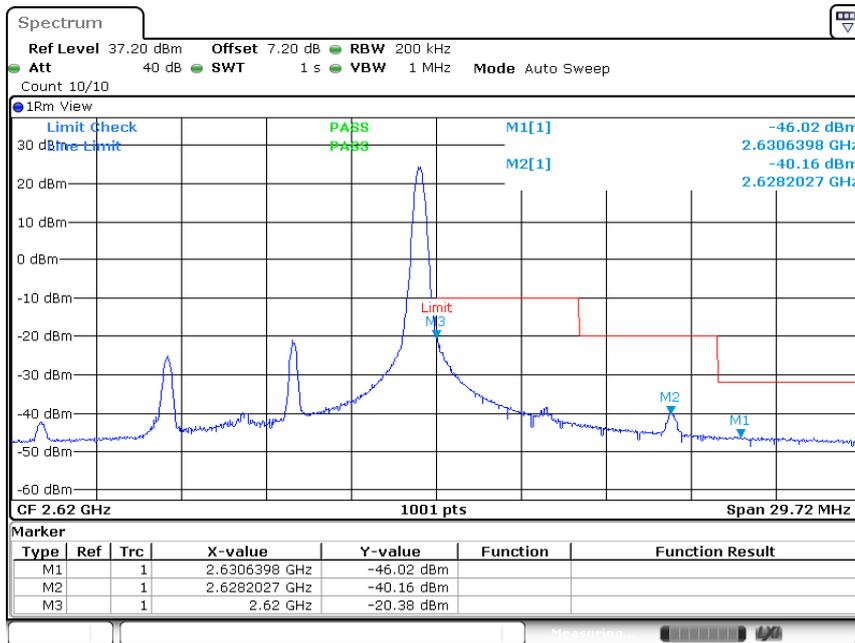
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Band38-10MHz-QPSK-37800-50RB#0



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Band38-10MHz-QPSK-38200-1RB#49

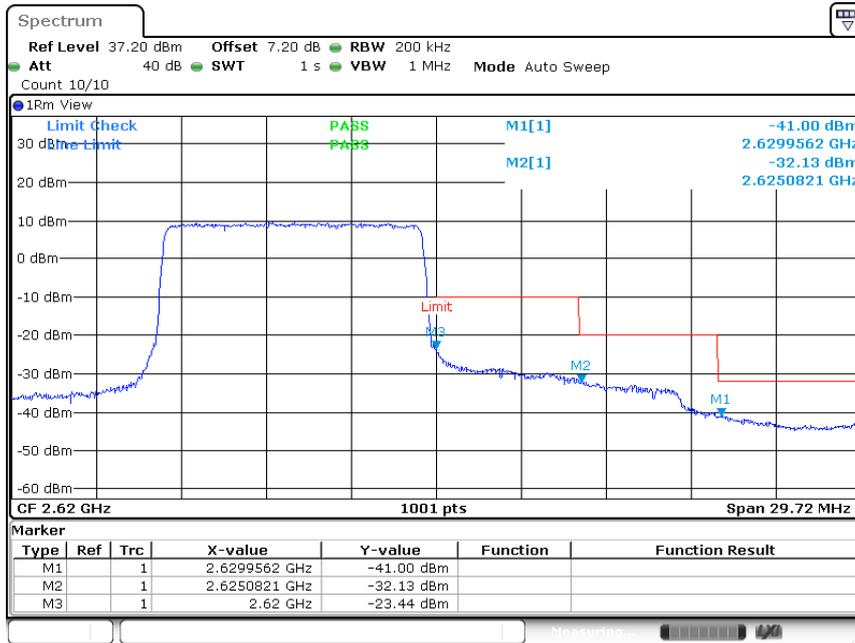


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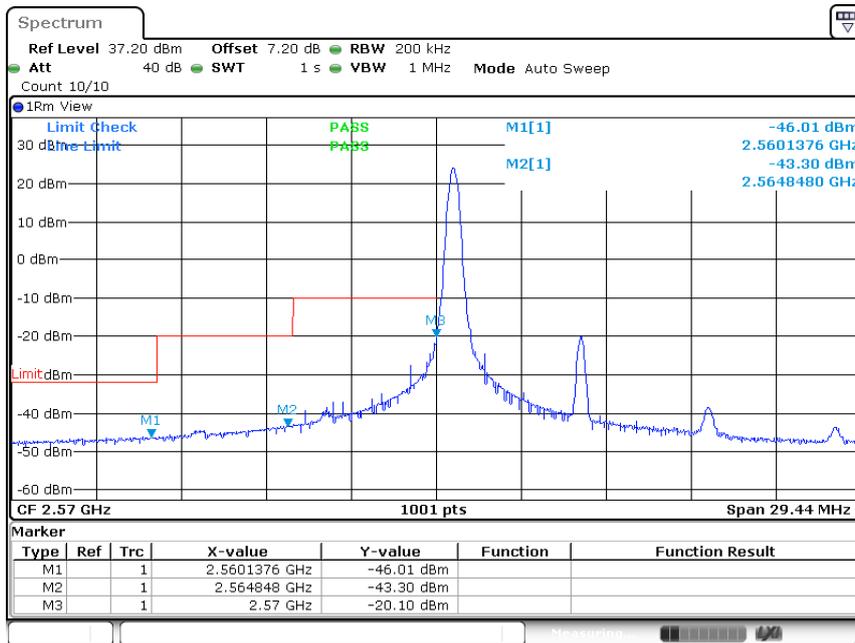
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Band38-10MHz-QPSK-38200-50RB#0



Date: 23.DEC.2020 20:04:52

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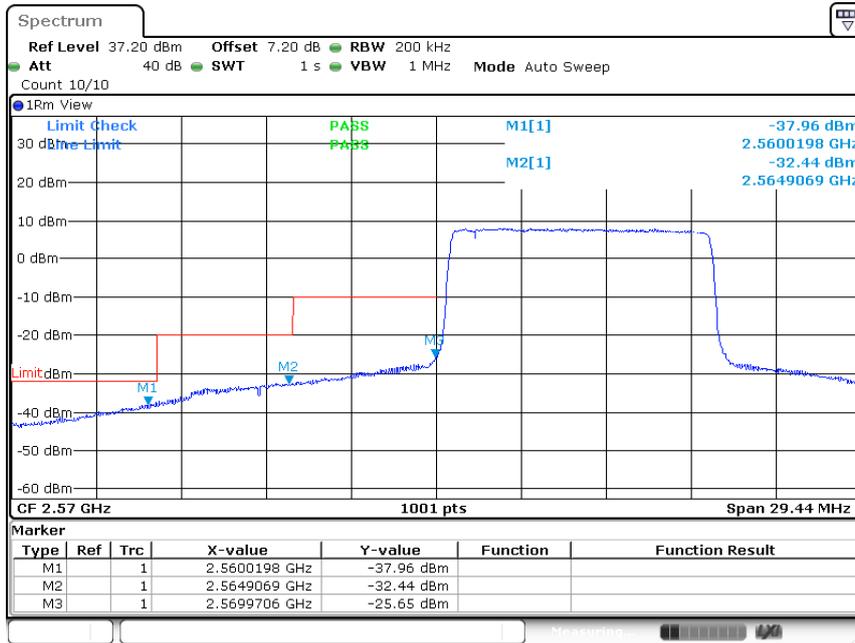


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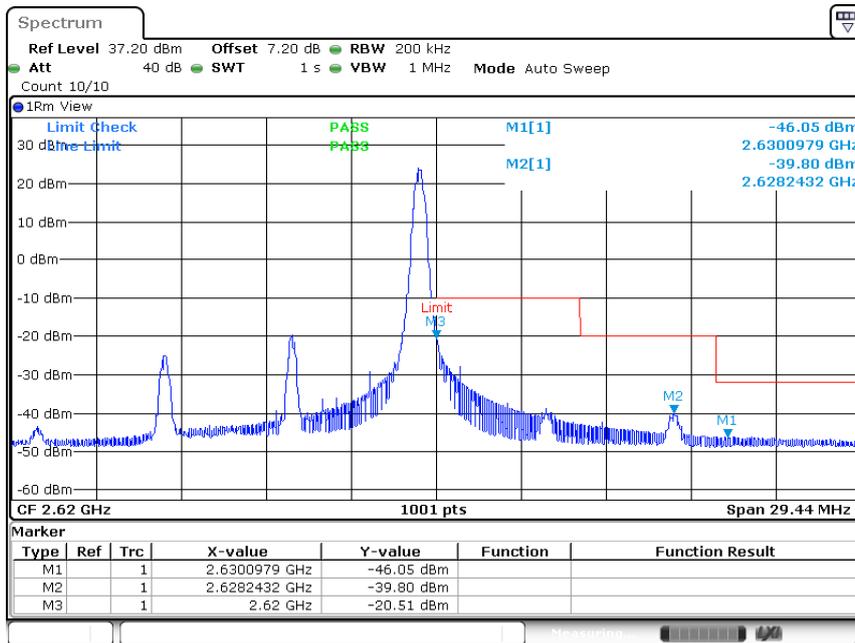
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Band38-10MHz-64QAM-38200-1RB#49

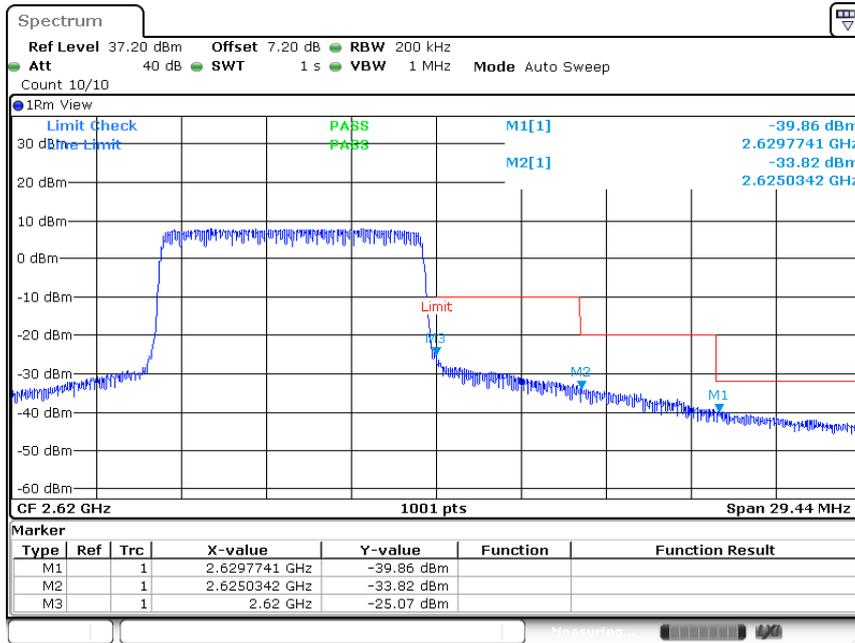


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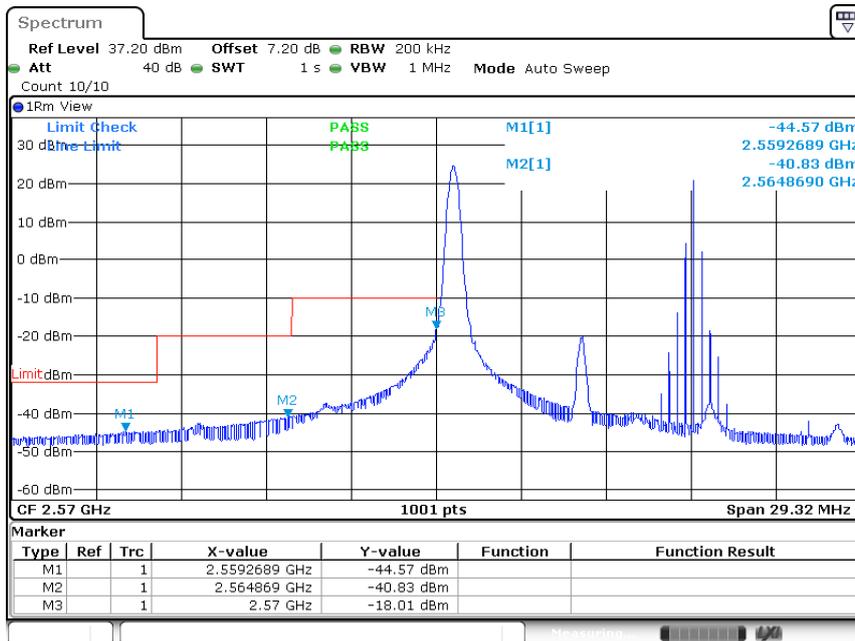
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Band38-10MHz-16QAM-37800-1RB#0

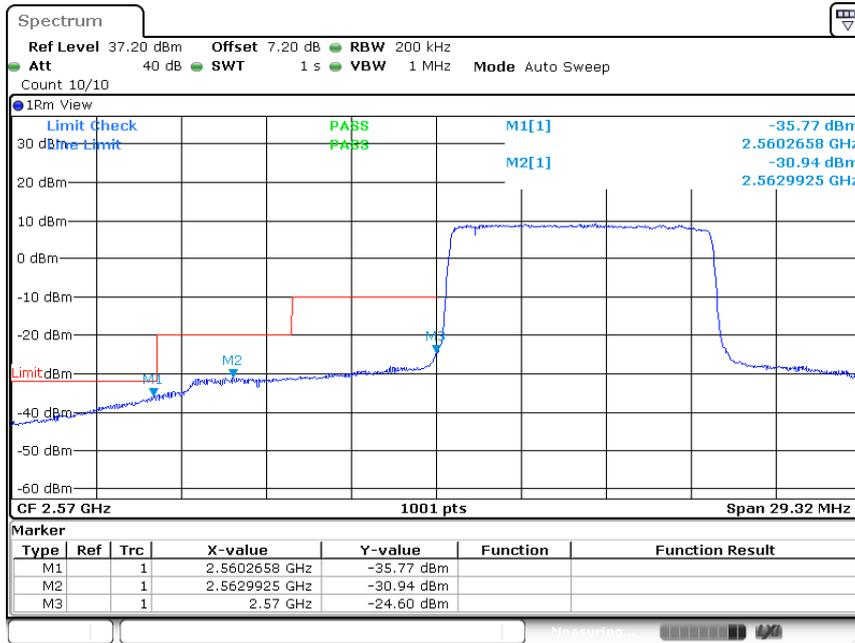


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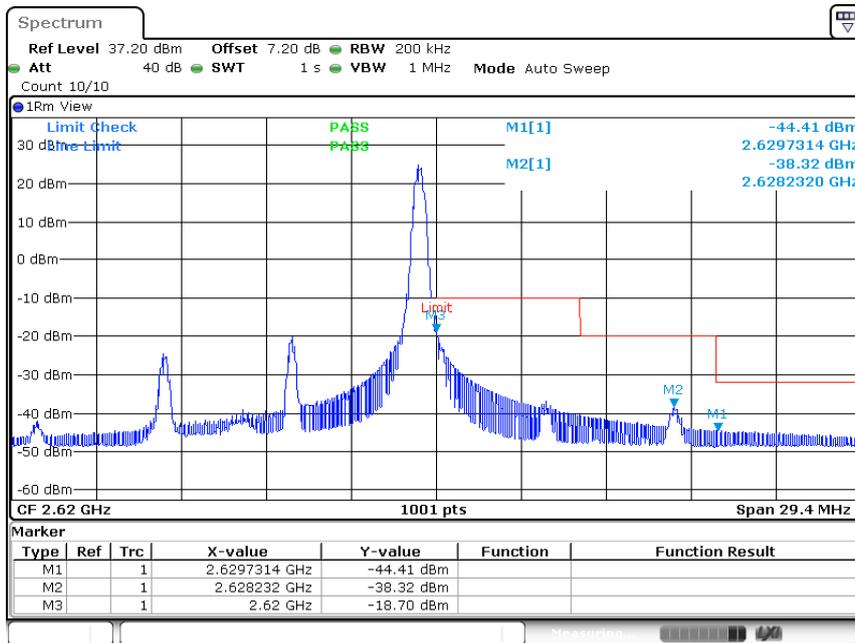
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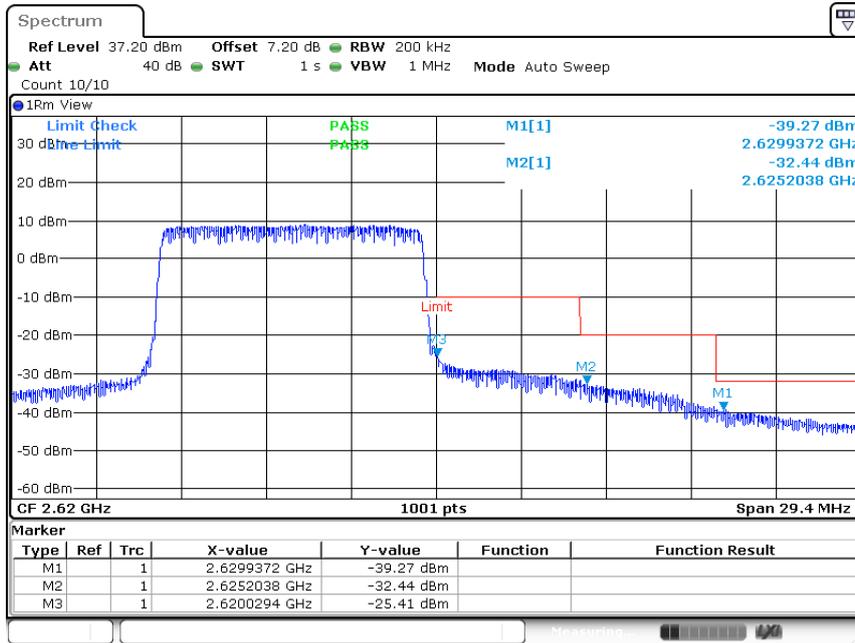


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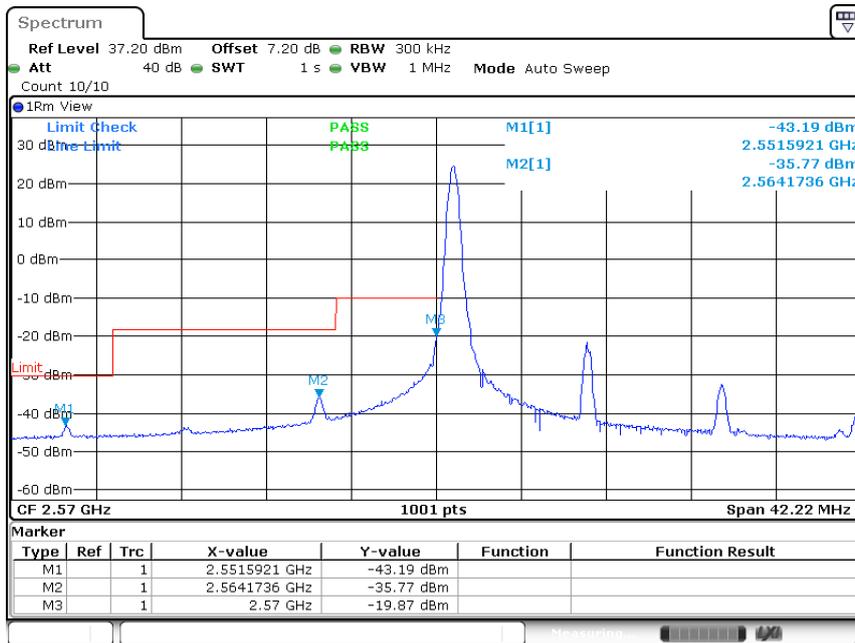
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Band38-15MHz-QPSK-37825-1RB#0

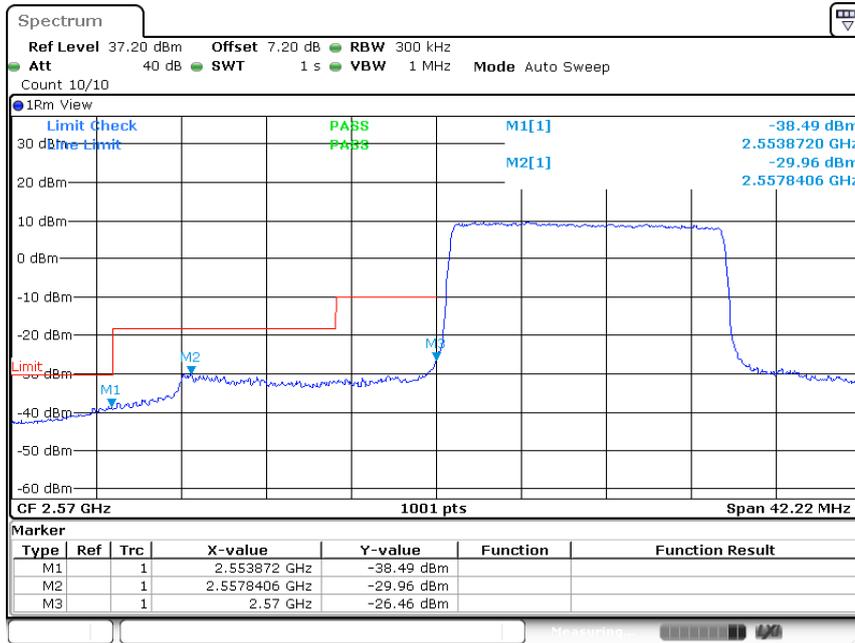


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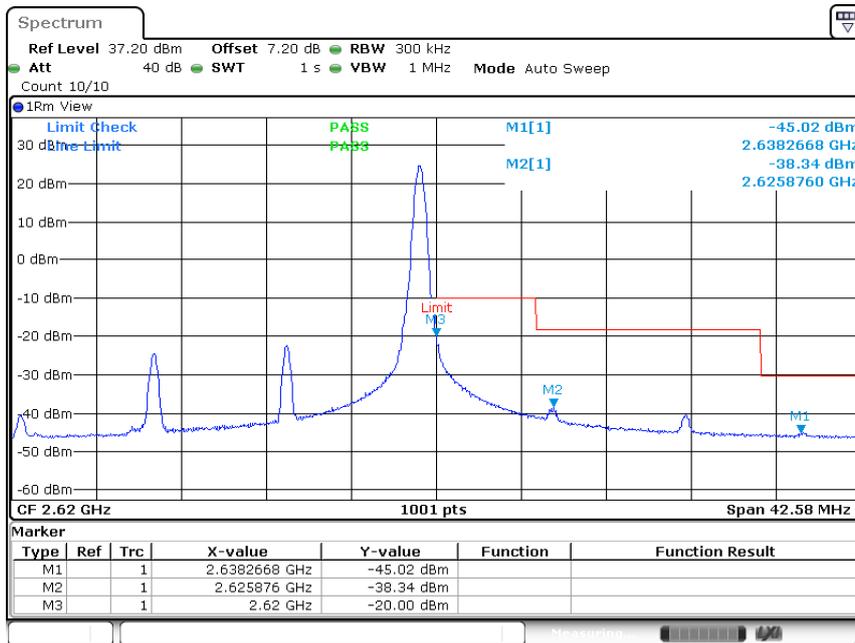
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Band38-15MHz-QPSK-37825-75RB#0



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

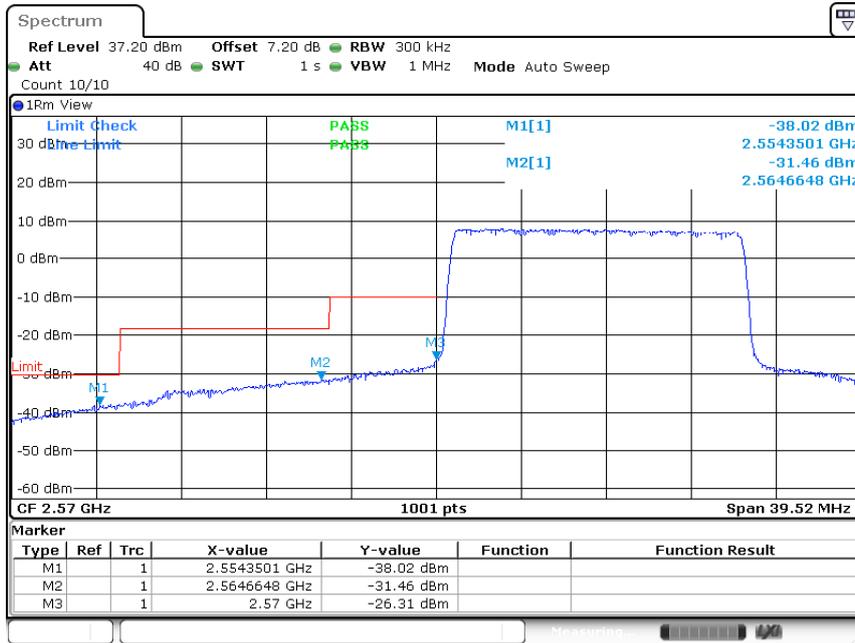


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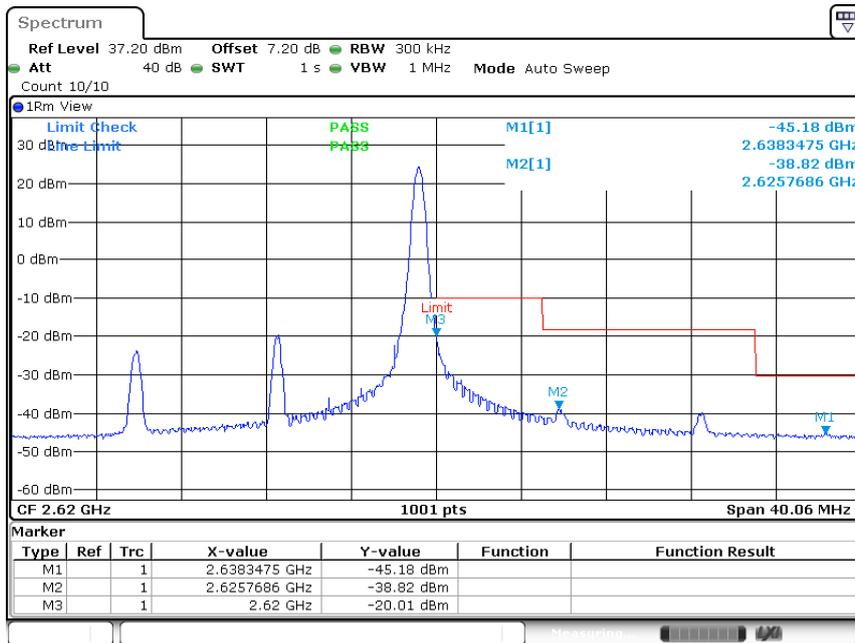
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Date: 23.DEC.2020 20:29:03

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

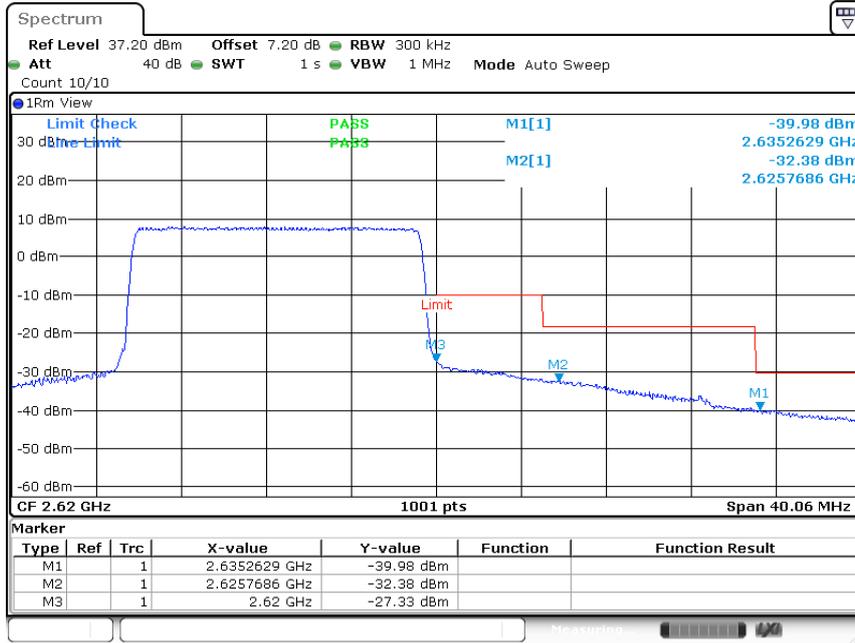


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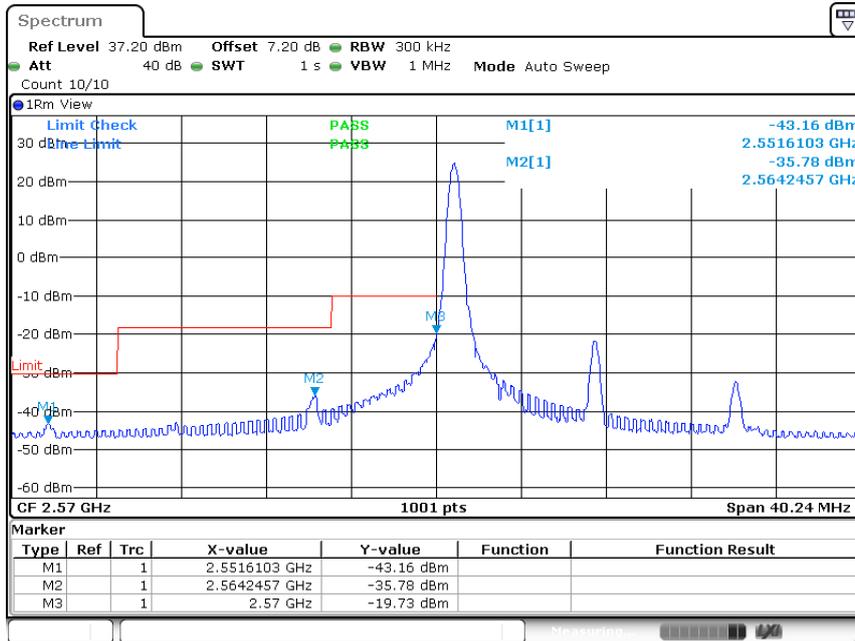
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Band38-15MHz-64QAM-38175-75RB#0



Date: 23.DEC.2020 20:29:25

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

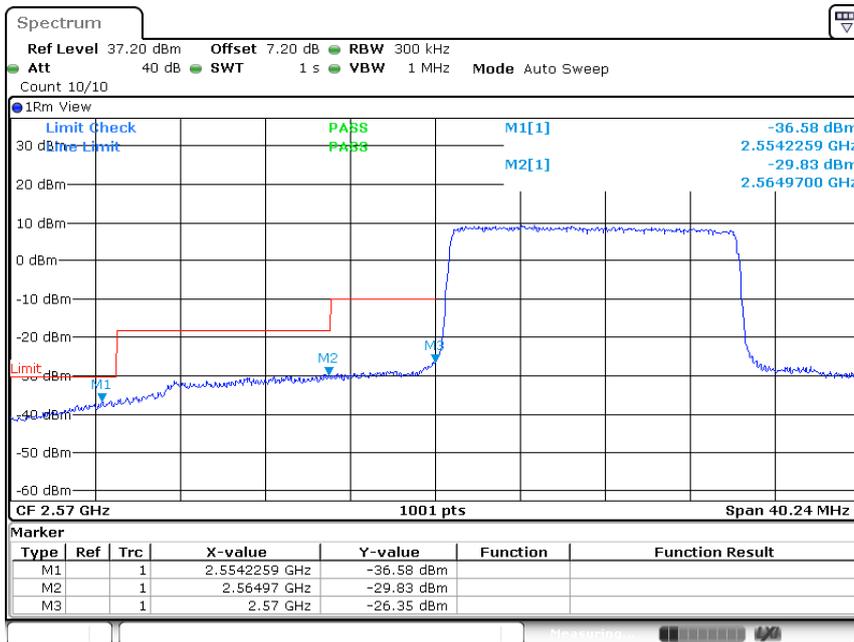


Date: 23.DEC.2020 20:06:05



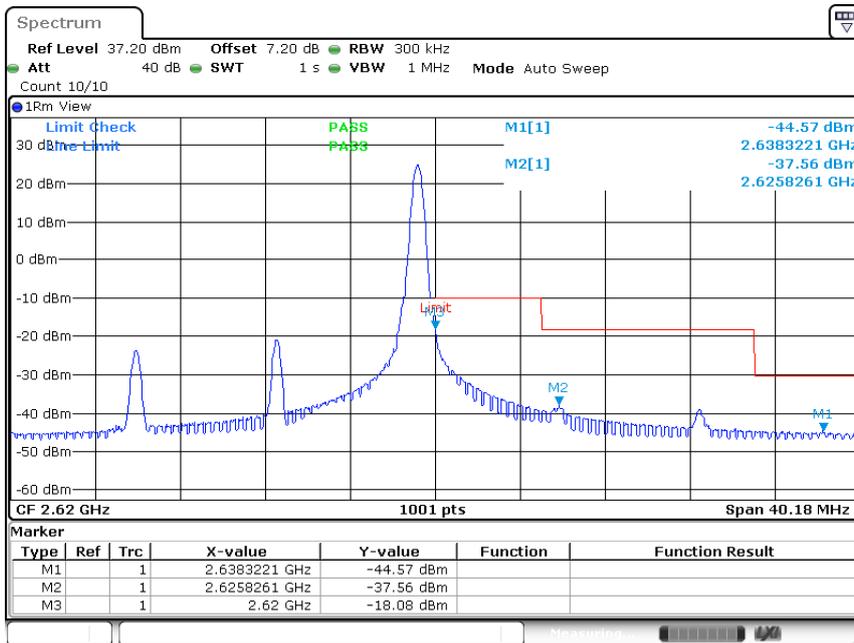
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Band38-15MHz-16QAM-37825-75RB#0



Date: 23.DEC.2020 20:07:40

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

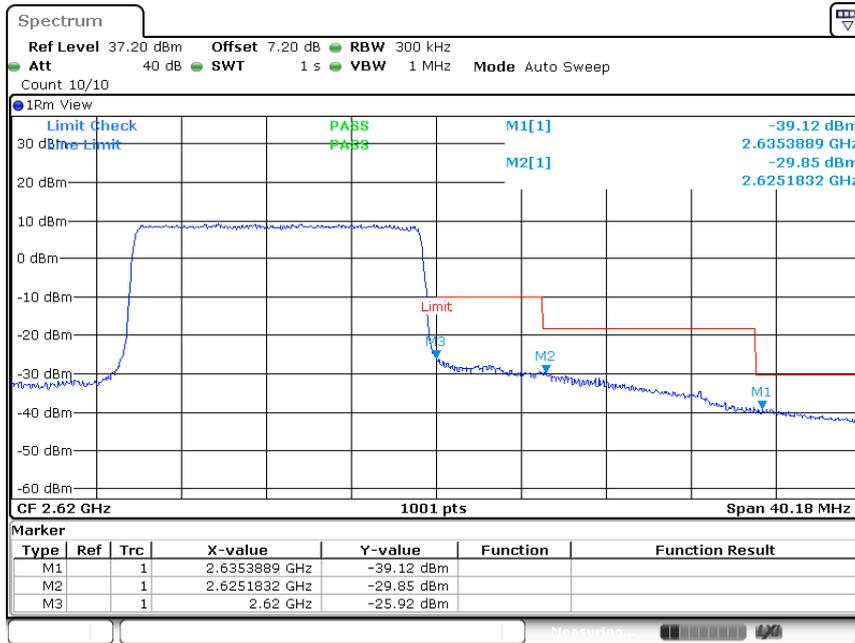


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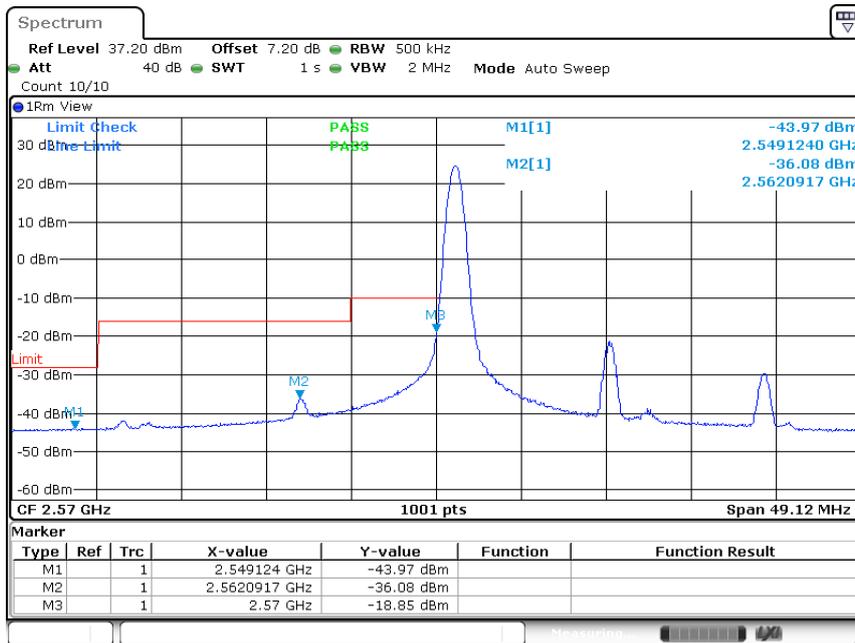
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Band38-15MHz-16QAM-38175-75RB#0



Date: 23.DEC.2020 20:08:24

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

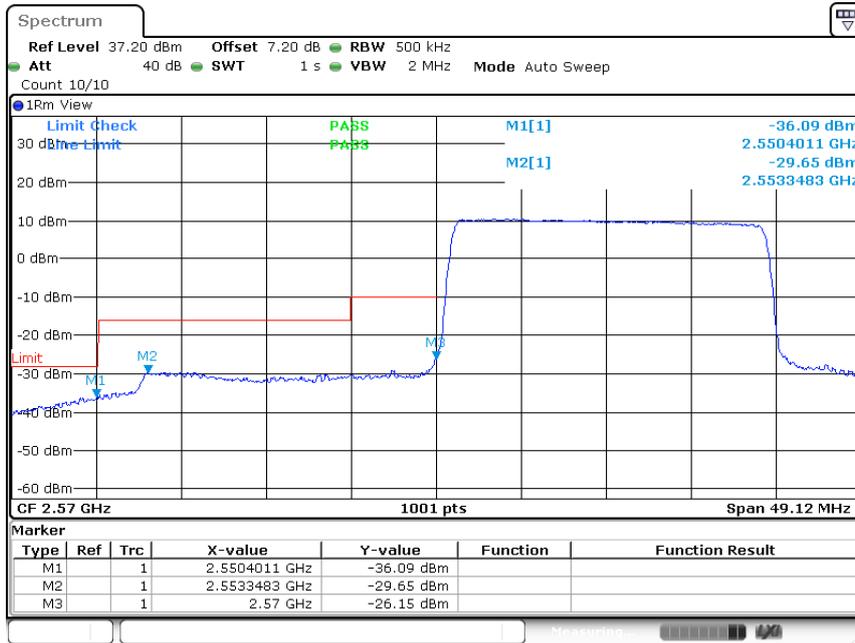


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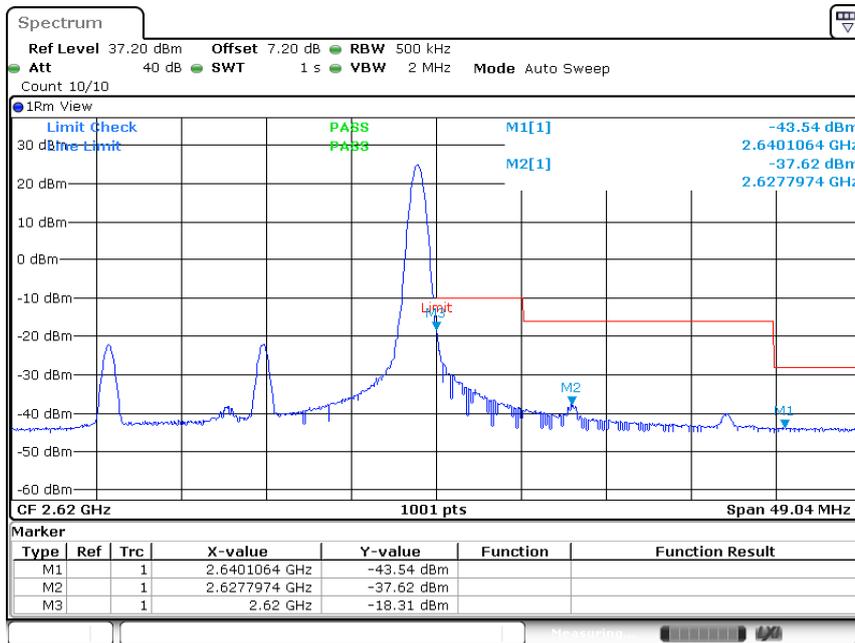
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Band38-20MHz-QPSK-37850-100RB#0



Date: 23.DEC.2020 20:10:31

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

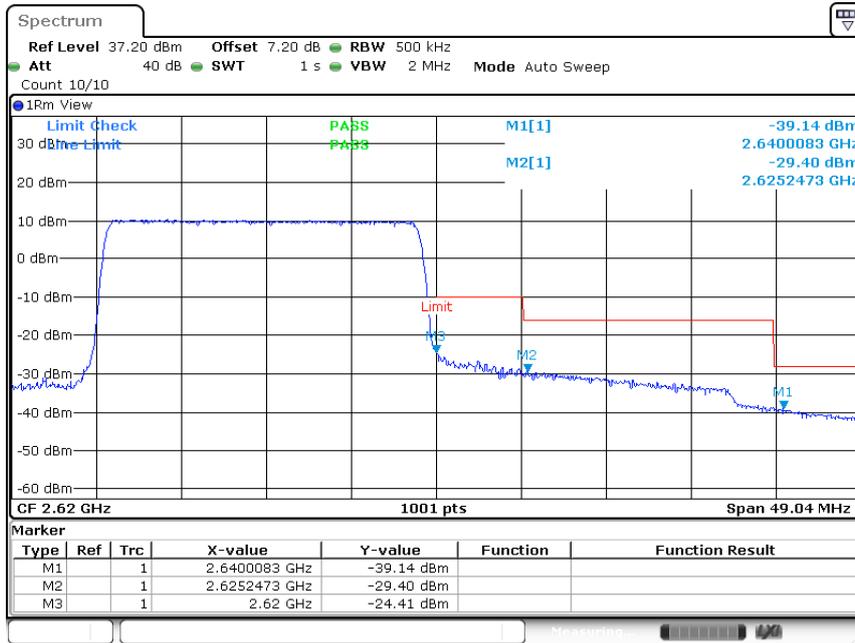


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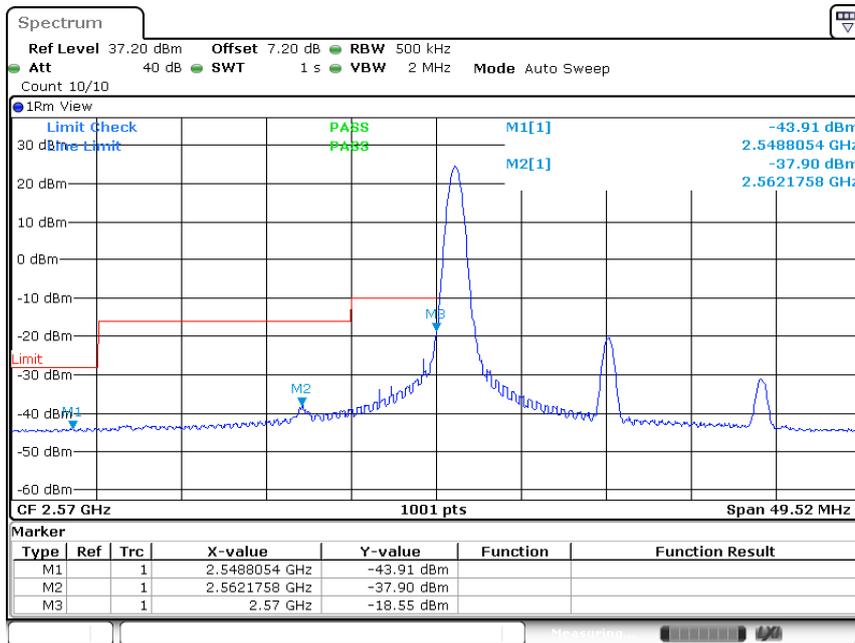
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Band38-20MHz-QPSK-38150-100RB#0



Date: 23.DEC.2020 20:11:15

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

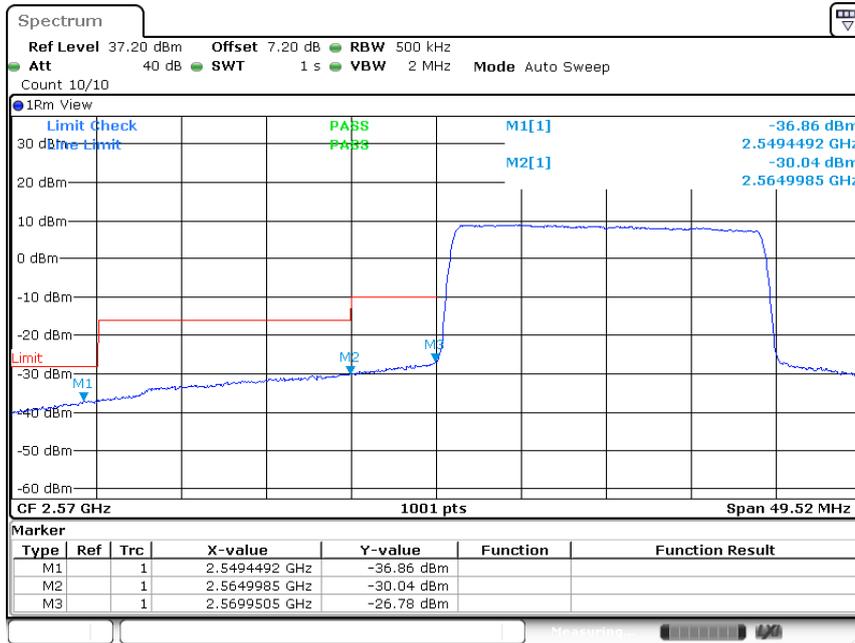


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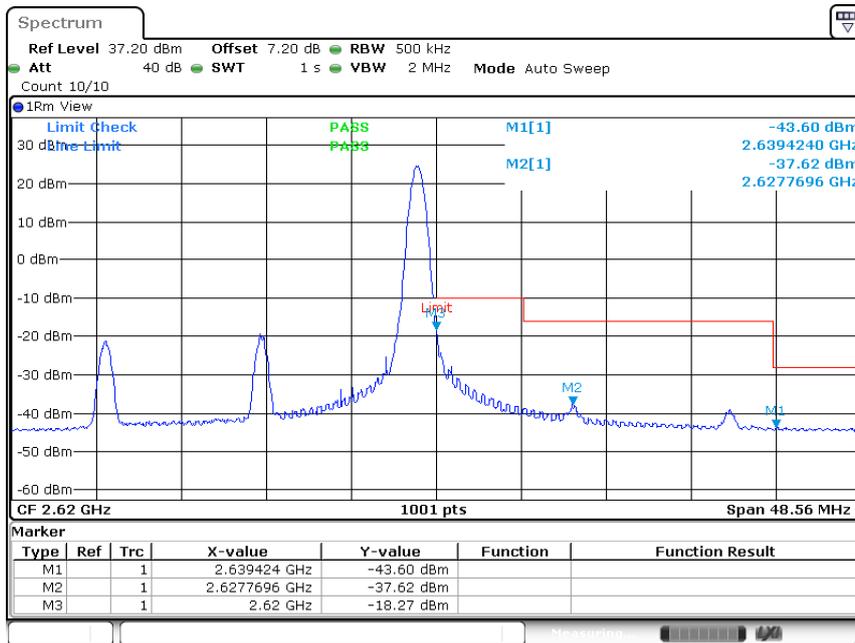
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Band38-20MHz-64QAM-37850-100RB#0



Date: 23.DEC.2020 20:30:50

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

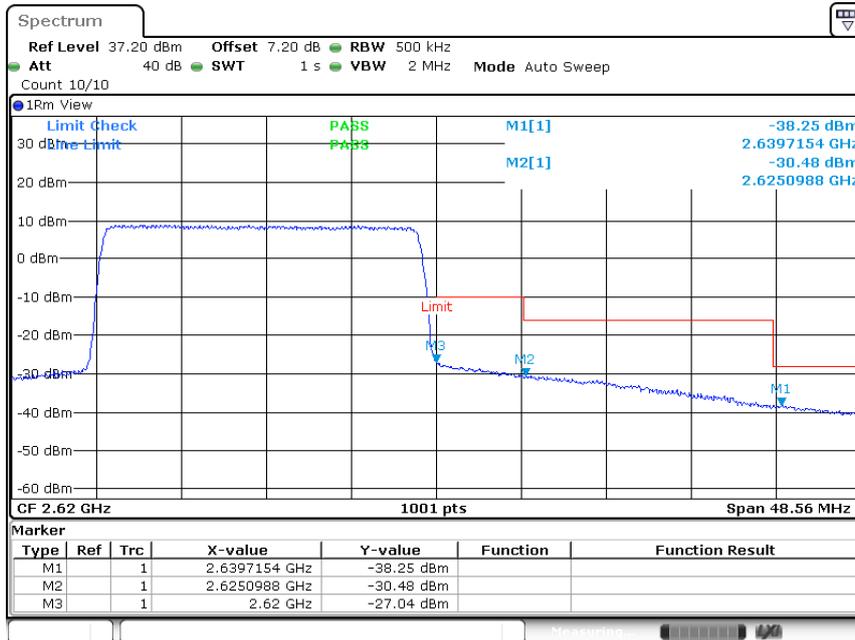


Date: 23.DEC.2020 20:30:20



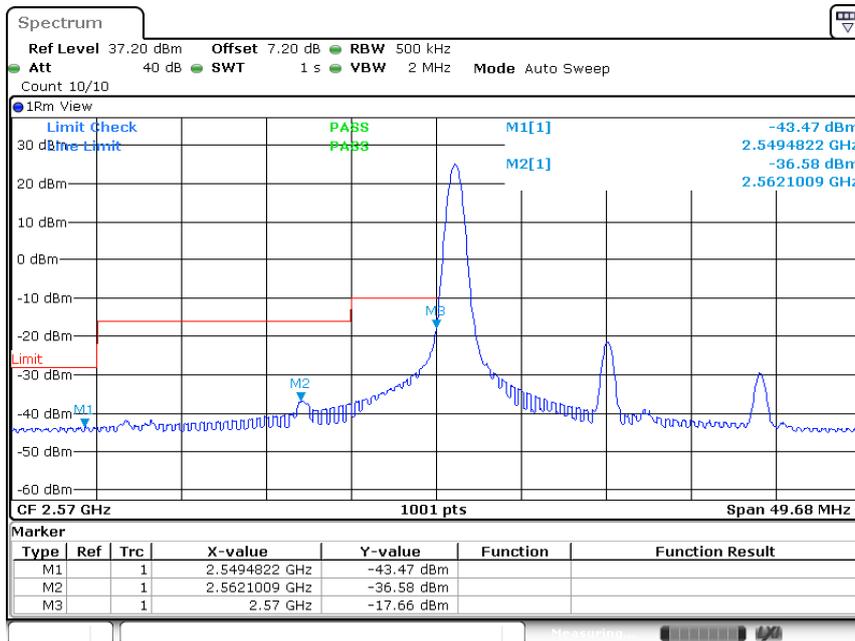
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Band38-20MHz-64QAM-38150-100RB#0



Date: 23.DEC.2020 20:31:11

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

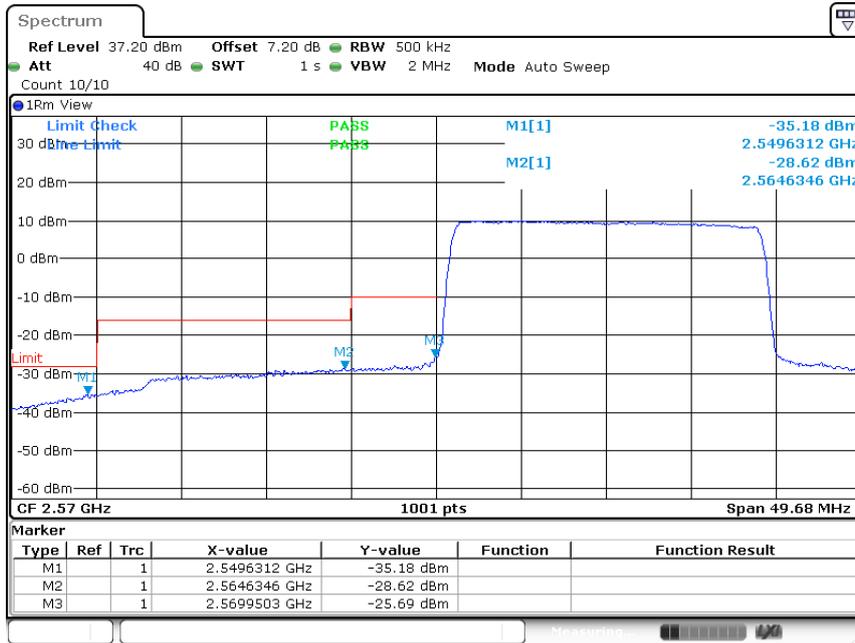


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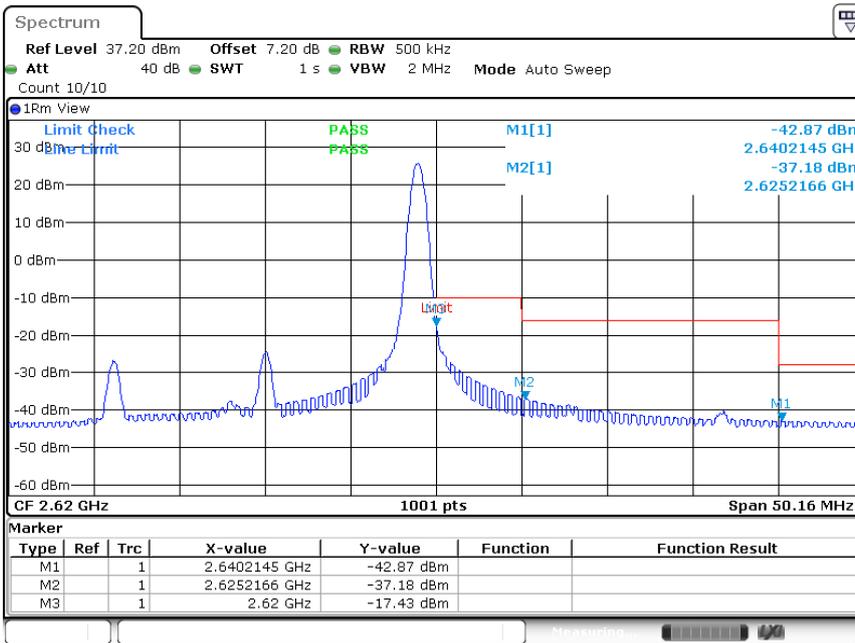
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Band38-20MHz-16QAM-37850-100RB#0



Date: 23.DEC.2020 20:10:53

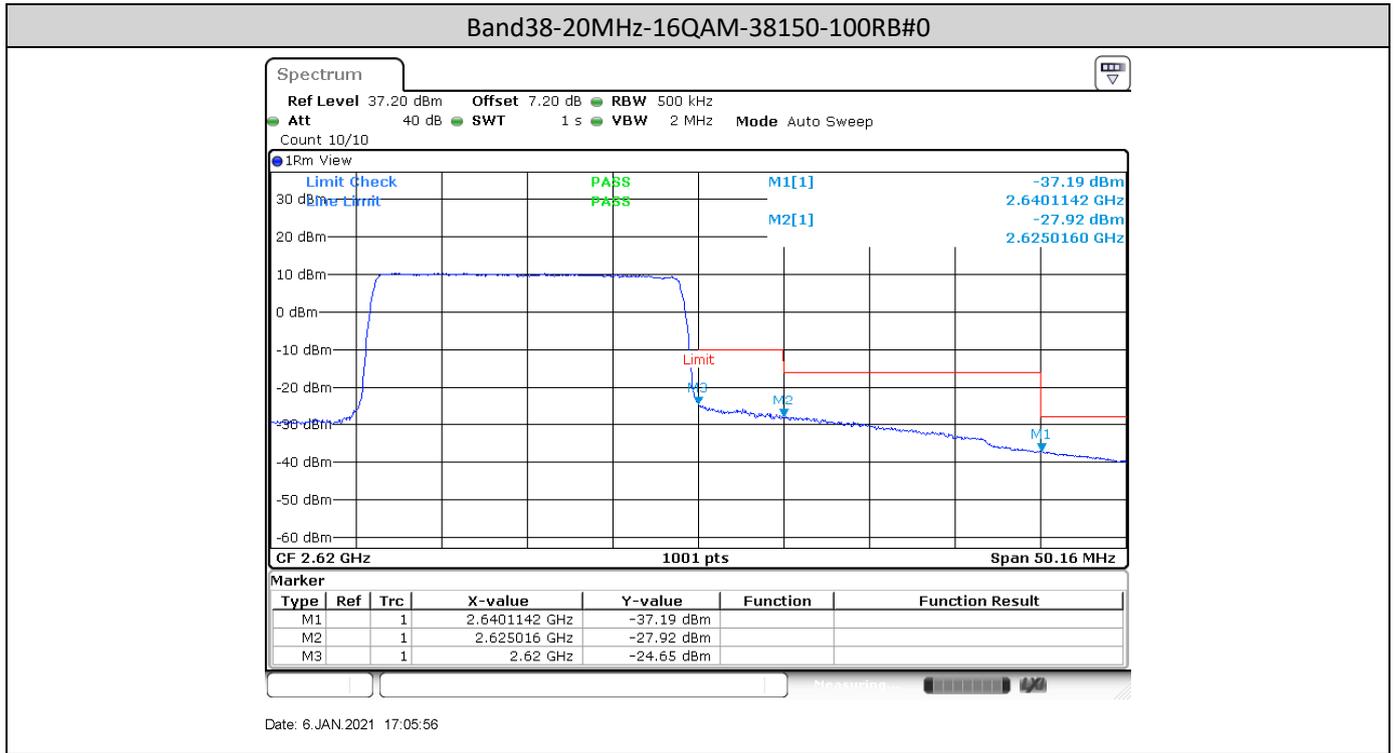
Band38-20MHz-16QAM-38150-1RB#99



Date: 6.JAN.2021 17:05:02



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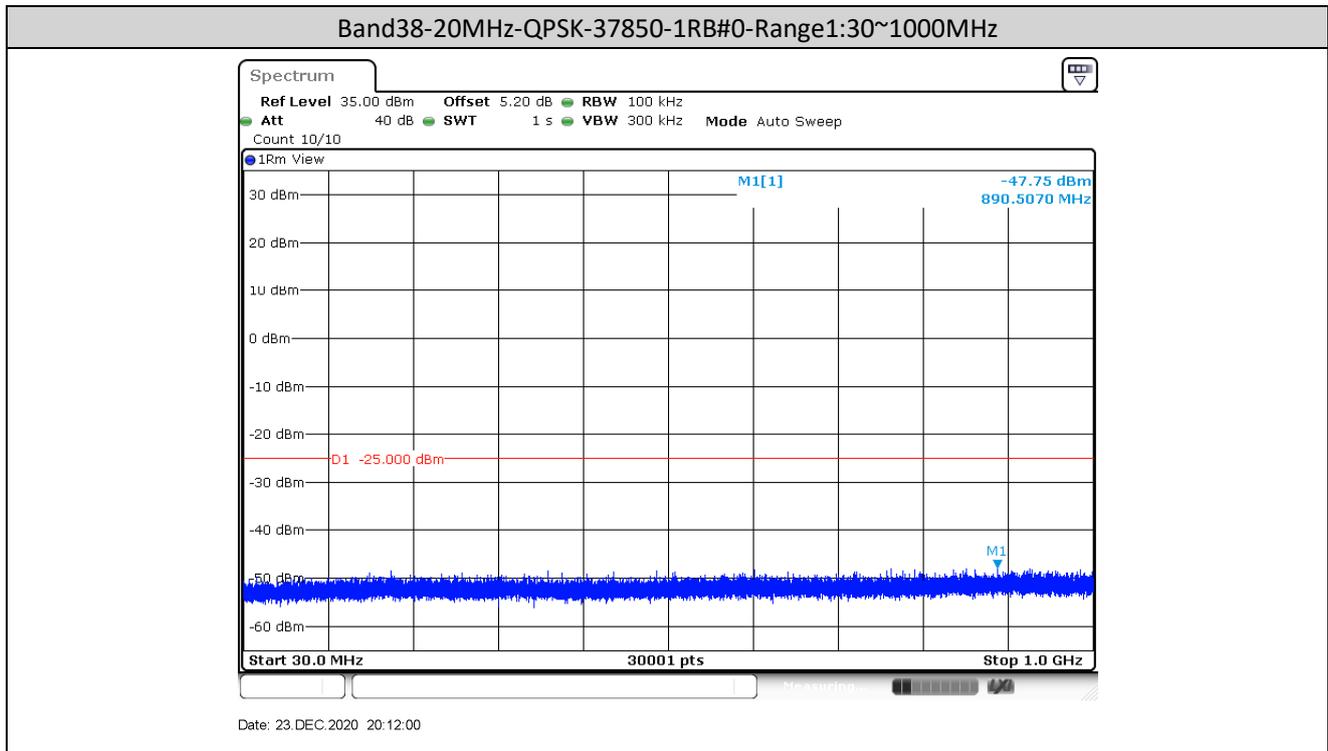
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6. Spurious Emission at Antenna Terminal

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: only the worst case data displayed in this report.

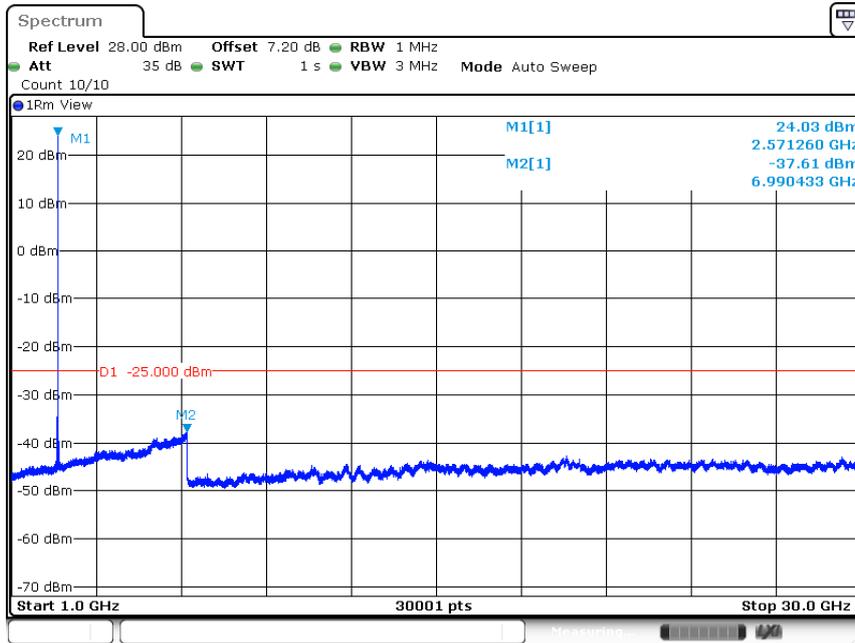
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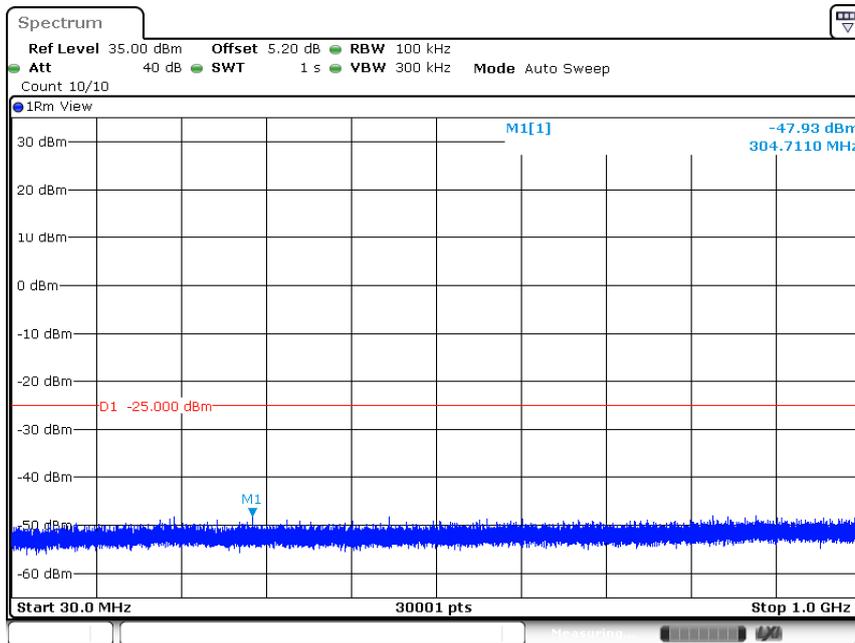
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Band38-20MHz-QPSK-37850-1RB#0-Range2:100~30000MHz



Date: 23.DEC.2020 20:12:17

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

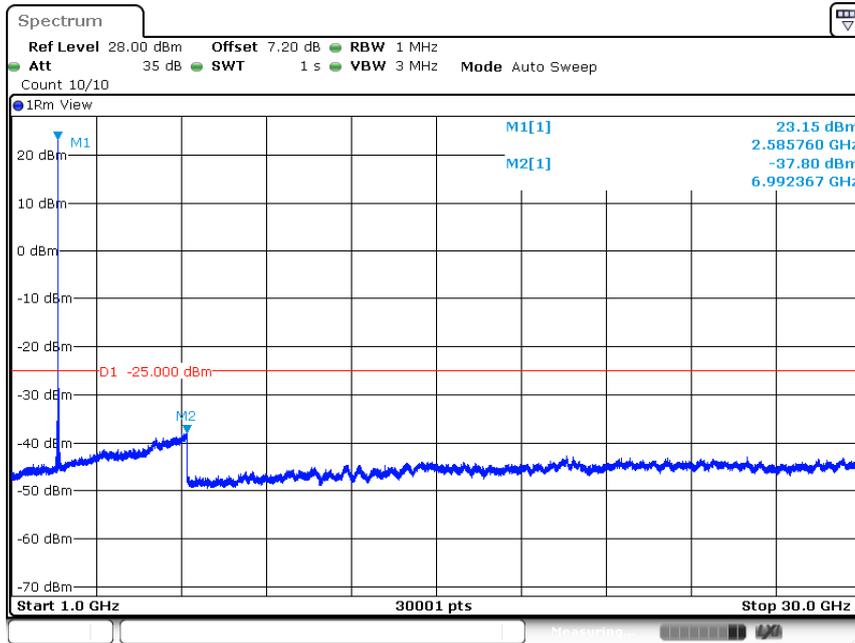


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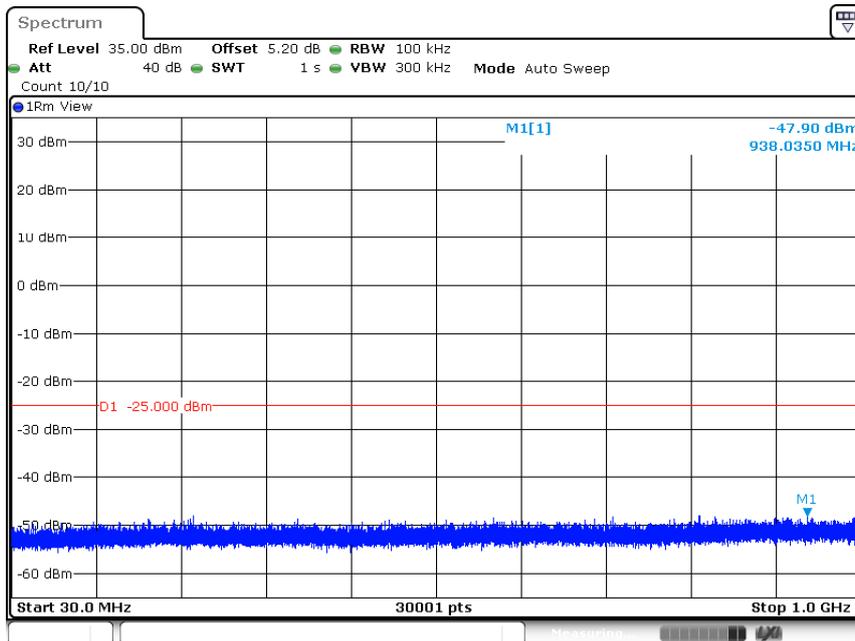
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Band38-20MHz-QPSK-38000-1RB#0-Range2:100~30000MHz



Date: 23.DEC.2020 20:13:28

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

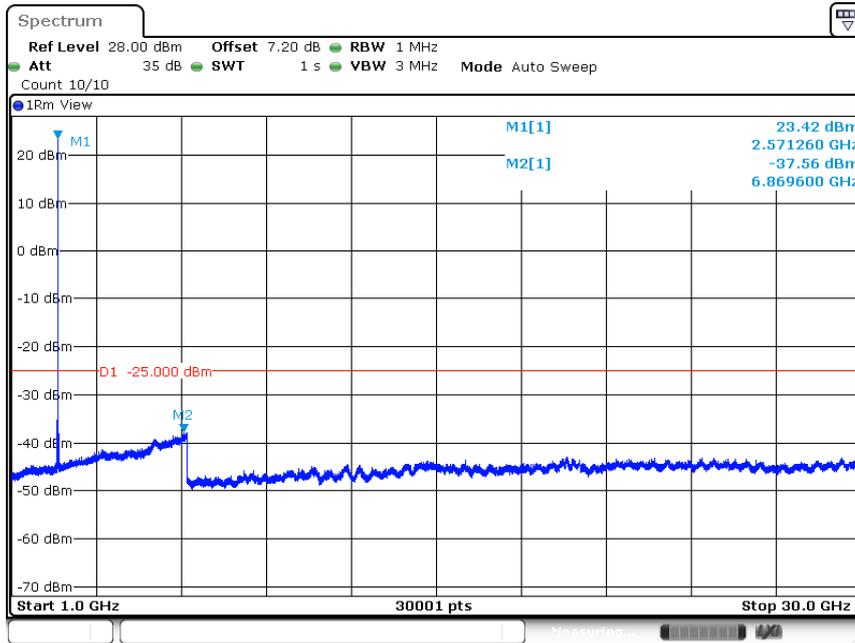


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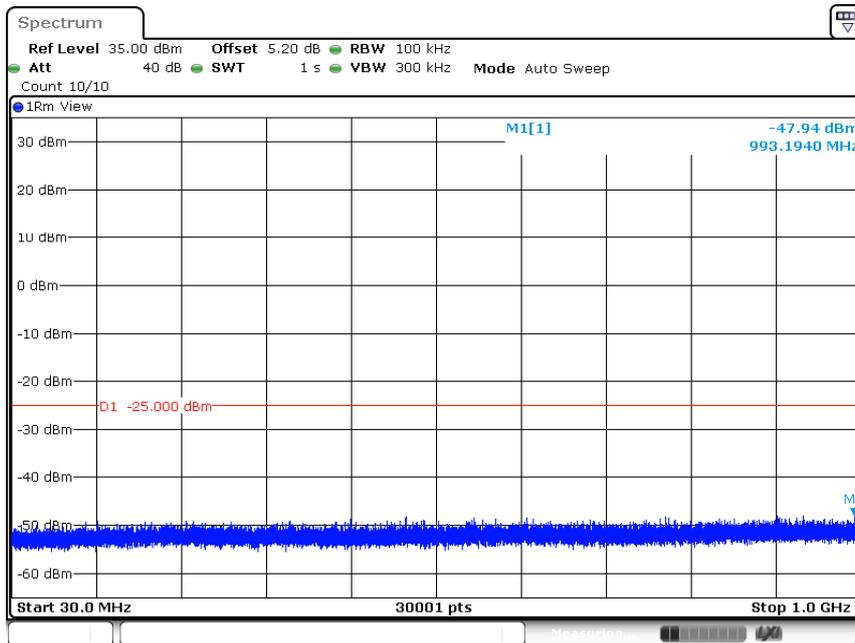
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Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:31:51

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

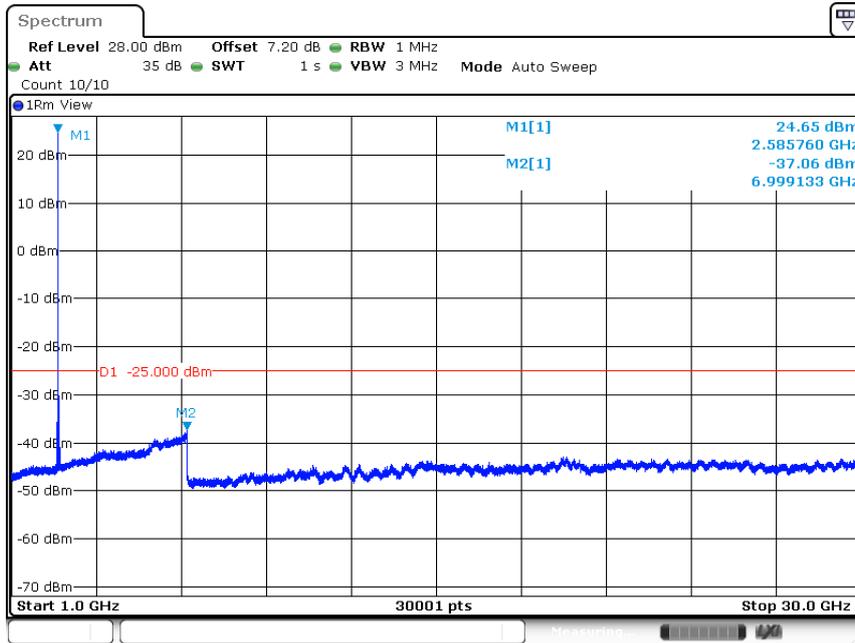


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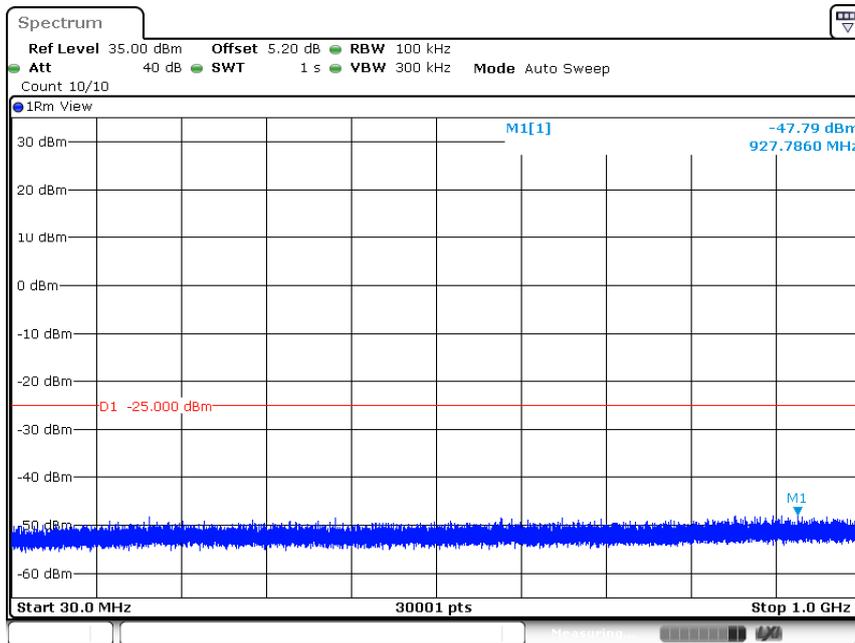
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Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:32:26

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

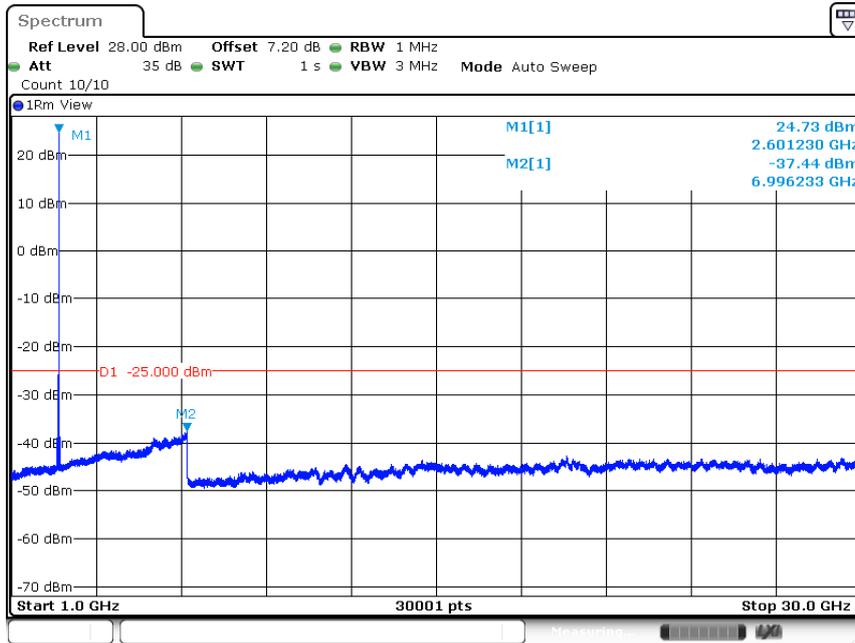


Date: 23.DEC.2020 20:32:45



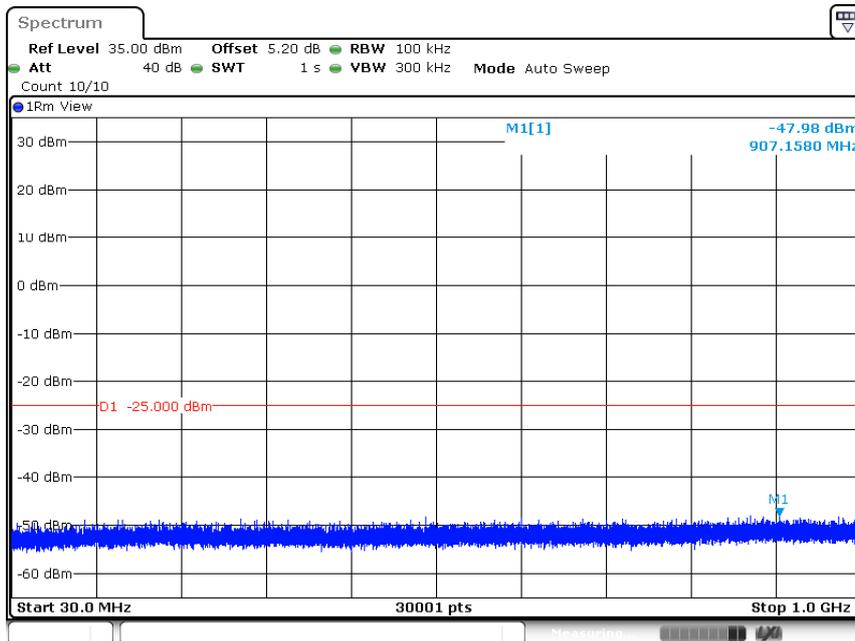
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Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:33:01

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

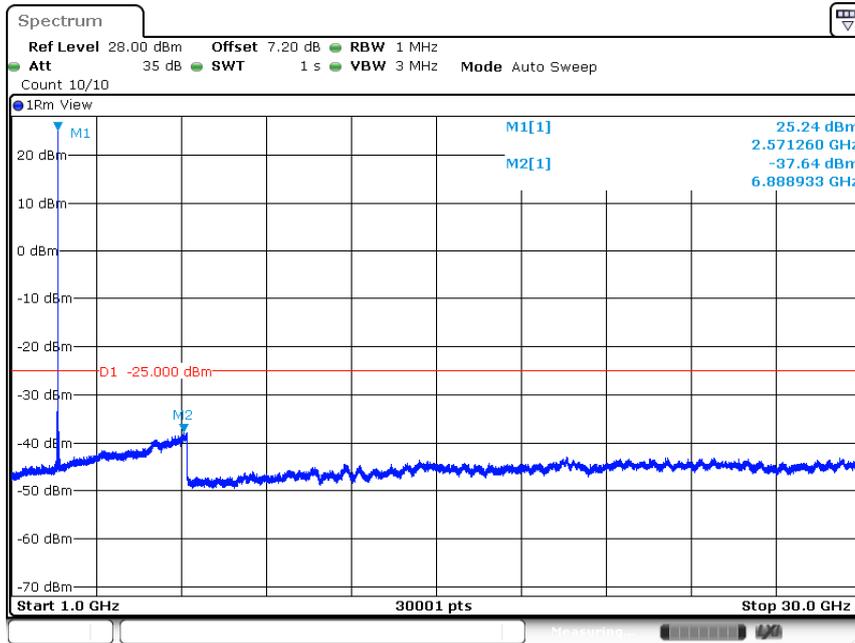


Date: 23.DEC.2020 20:12:35



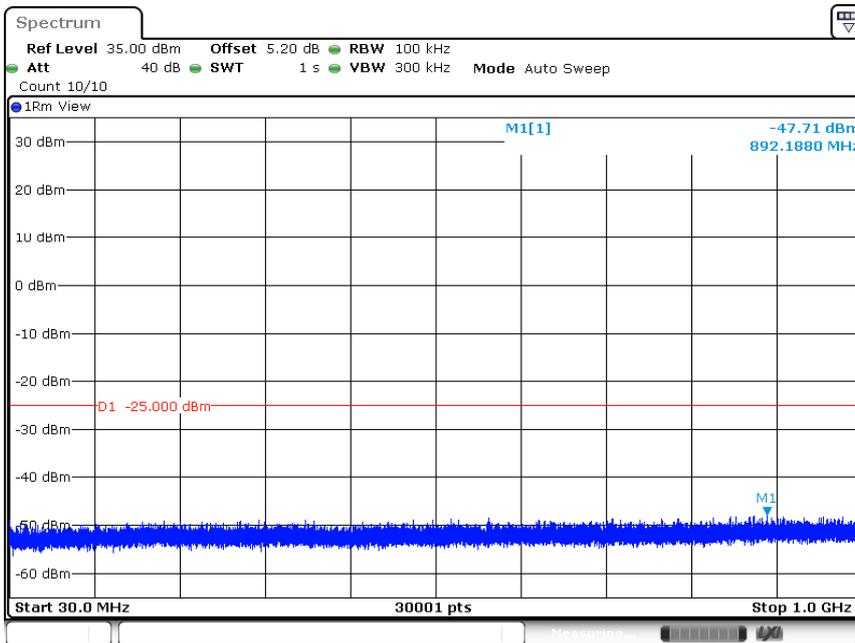
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Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 23.DEC.2020 20:12:52

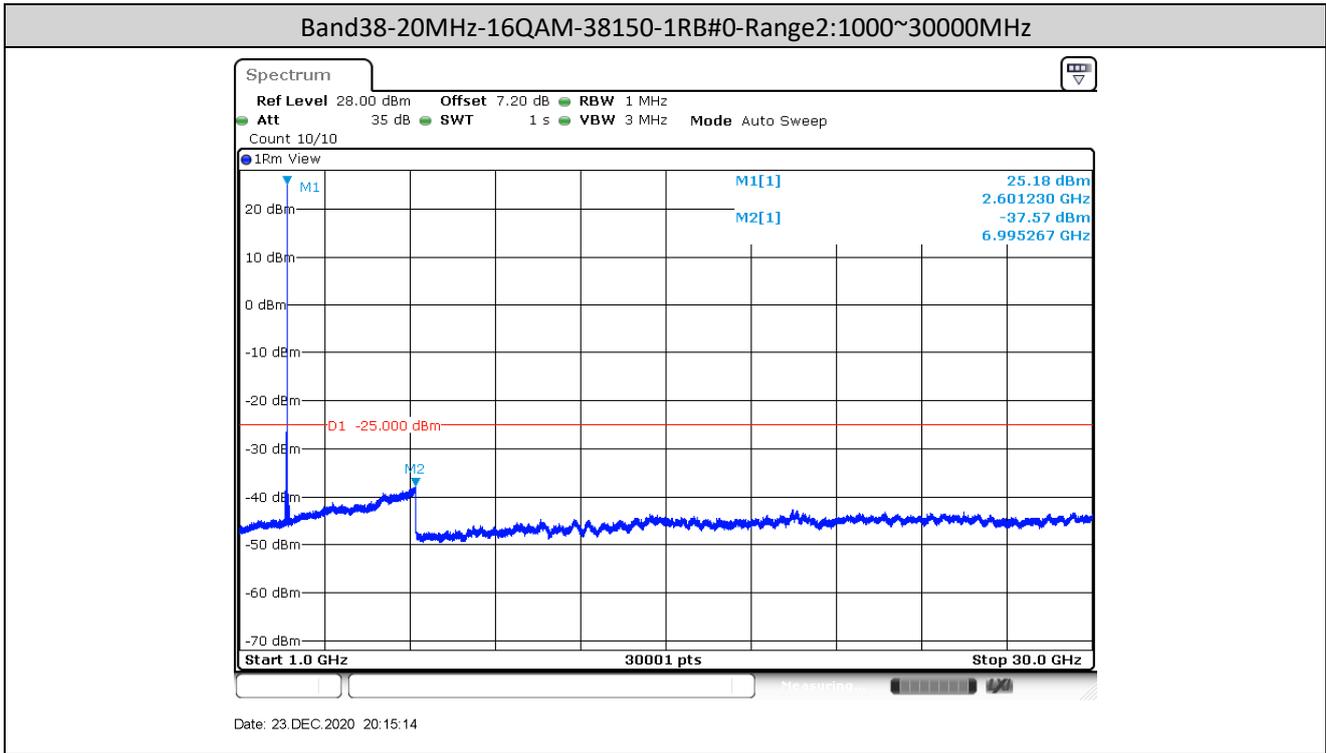
Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Date: 23.DEC.2020 20:13:46



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_38_TM1 MAIN

7.1.1. Test Channel = Low Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.3082 | -62.87 | -25.00 | 37.87 | Horizontal |
| 2 | 95.5753 | -74.55 | -25.00 | 49.55 | Horizontal |
| 3 | 236.3778 | -67.20 | -25.00 | 42.20 | Horizontal |
| 4 | 3690.5230 | -61.45 | -25.00 | 36.45 | Horizontal |
| 5 | 11241.7747 | -51.99 | -25.00 | 26.99 | Horizontal |
| 6 | 16382.946 | -45.03 | -25.00 | 20.03 | Horizontal |



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7.2. Test Band = LTE_38_TM1 MAIN

7.2.1. Test Channel = Low Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 30.8245 | -73.93 | -25.00 | 48.93 | Vertical |
| 2 | 112.6966 | -64.67 | -25.00 | 39.67 | Vertical |
| 3 | 747.7874 | -61.63 | -25.00 | 36.63 | Vertical |
| 4 | 3590.5197 | -62.19 | -25.00 | 37.19 | Vertical |
| 5 | 7457.1486 | -56.84 | -25.00 | 31.84 | Vertical |
| 6 | 17981.999 | -41.57 | -25.00 | 16.57 | Vertical |



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7.3. Test Band = LTE_38_TM1 MAIN

7.3.1. Test Channel = Mid Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 44.8902 | -62.80 | -25.00 | 37.80 | Horizontal |
| 2 | 100.7165 | -74.94 | -25.00 | 49.94 | Horizontal |
| 3 | 231.5276 | -67.82 | -25.00 | 42.82 | Horizontal |
| 4 | 3596.0199 | -60.80 | -25.00 | 35.80 | Horizontal |
| 5 | 7758.1586 | -51.17 | -25.00 | 26.17 | Horizontal |
| 6 | 16375.945 | -45.31 | -25.00 | 20.31 | Horizontal |



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7.4. Test Band = LTE_38_TM1 MAIN

7.4.1. Test Channel = Mid Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 30.7275 | -74.66 | -25.00 | 49.66 | Vertical |
| 2 | 109.9320 | -63.95 | -25.00 | 38.95 | Vertical |
| 3 | 610.3800 | -62.81 | -25.00 | 37.81 | Vertical |
| 4 | 3590.0197 | -61.79 | -25.00 | 36.79 | Vertical |
| 5 | 7993.6665 | -56.06 | -25.00 | 31.06 | Vertical |
| 6 | 17997.999 | -41.65 | -25.00 | 16.65 | Vertical |



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7.5. Test Band = LTE_38_TM1 MAIN

7.5.1. Test Channel = High Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 41.9801 | -63.40 | -25.00 | 38.40 | Horizontal |
| 2 | 105.1303 | -75.11 | -25.00 | 50.11 | Horizontal |
| 3 | 239.0940 | -67.41 | -25.00 | 42.41 | Horizontal |
| 4 | 3598.5200 | -60.87 | -25.00 | 35.87 | Horizontal |
| 5 | 7353.6451 | -57.34 | -25.00 | 32.34 | Horizontal |
| 6 | 16395.946 | -45.07 | -25.00 | 20.07 | Horizontal |



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7.6. Test Band = LTE_38_TM1 MAIN

7.6.1. Test Channel = High Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 30.9700 | -74.88 | -25.00 | 49.88 | Vertical |
| 2 | 112.3571 | -64.54 | -25.00 | 39.54 | Vertical |
| 3 | 442.3191 | -65.66 | -25.00 | 40.66 | Vertical |
| 4 | 3635.0212 | -62.17 | -25.00 | 37.17 | Vertical |
| 5 | 7803.1601 | -51.36 | -25.00 | 26.36 | Vertical |
| 6 | 17997.499 | -41.48 | -25.00 | 16.48 | Vertical |



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7.7. Test Band = LTE_38_TM1_DIV

7.7.1. Test Channel = Low Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 37.6149 | -63.92 | -25.00 | 38.92 | Horizontal |
| 2 | 112.2116 | -75.25 | -25.00 | 50.25 | Horizontal |
| 3 | 245.4478 | -67.56 | -25.00 | 42.56 | Horizontal |
| 4 | 5117.0706 | -61.09 | -25.00 | 36.09 | Horizontal |
| 5 | 7449.6483 | -55.55 | -25.00 | 30.55 | Horizontal |
| 6 | 16382.446 | -43.55 | -25.00 | 18.55 | Horizontal |



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7.8. Test Band = LTE_38_TM1 DIV

7.8.1. Test Channel = Low Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 31.3581 | -74.35 | -25.00 | 49.35 | Vertical |
| 2 | 109.7380 | -64.55 | -25.00 | 39.55 | Vertical |
| 3 | 439.0210 | -66.55 | -25.00 | 41.55 | Vertical |
| 4 | 3614.0205 | -61.64 | -25.00 | 36.64 | Vertical |
| 5 | 7408.6470 | -55.01 | -25.00 | 30.01 | Vertical |
| 6 | 17997.499 | -39.07 | -25.00 | 14.07 | Vertical |



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7.9. Test Band = LTE_38_TM1 DIV

7.9.1. Test Channel = Mid Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 40.4765 | -63.43 | -25.00 | 38.43 | Horizontal |
| 2 | 102.5111 | -75.13 | -25.00 | 50.13 | Horizontal |
| 3 | 245.6418 | -67.67 | -25.00 | 42.67 | Horizontal |
| 4 | 3620.0207 | -60.96 | -25.00 | 35.96 | Horizontal |
| 5 | 7450.6484 | -55.60 | -25.00 | 30.60 | Horizontal |
| 6 | 16389.446 | -43.34 | -25.00 | 18.34 | Horizontal |



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7.10. Test Band = LTE_38_TM1 DIV
7.10.1. Test Channel = Mid Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 30.0485 | -75.07 | -25.00 | 50.07 | Vertical |
| 2 | 110.6110 | -64.20 | -25.00 | 39.20 | Vertical |
| 3 | 399.8795 | -67.18 | -25.00 | 42.18 | Vertical |
| 4 | 3753.0251 | -61.57 | -25.00 | 36.57 | Vertical |
| 5 | 7346.6449 | -55.48 | -25.00 | 30.48 | Vertical |
| 6 | 17999.500 | -38.75 | -25.00 | 13.75 | Vertical |



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7.11. Test Band = LTE_38_TM1 DIV
7.11.1. Test Channel = High Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|------------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 39.5065 | -63.45 | -25.00 | 38.45 | Horizontal |
| 2 | 97.3214 | -73.97 | -25.00 | 48.97 | Horizontal |
| 3 | 244.6717 | -67.41 | -25.00 | 42.41 | Horizontal |
| 4 | 3635.0212 | -60.88 | -25.00 | 35.88 | Horizontal |
| 5 | 7455.1485 | -55.77 | -25.00 | 30.77 | Horizontal |
| 6 | 16394.446 | -43.26 | -25.00 | 18.26 | Horizontal |



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7.12. Test Band = LTE_38_TM1 DIV
7.12.1. Test Channel = High Channel

| Suspected Data List | | | | | |
|---------------------|-------------|-------------|-------------|-------------|----------|
| NO. | Freq. [MHz] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 30.2910 | -74.06 | -25.00 | 49.06 | Vertical |
| 2 | 118.2744 | -64.18 | -25.00 | 39.18 | Vertical |
| 3 | 508.0399 | -65.61 | -25.00 | 40.61 | Vertical |
| 4 | 3730.5244 | -61.67 | -25.00 | 36.67 | Vertical |
| 5 | 7359.6453 | -55.34 | -25.00 | 30.34 | Vertical |
| 6 | 17993.999 | -38.86 | -25.00 | 13.86 | Vertical |

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 All modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage | | | | | |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| | | | | | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | VL | NT | -14.90 | -0.005775 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | VN | NT | -10.20 | -0.003953 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | VH | NT | -17.10 | -0.006628 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | VL | NT | -9.80 | -0.003776 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | VN | NT | -16.70 | -0.006435 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | VH | NT | -15.90 | -0.006127 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | VL | NT | -15.70 | -0.006015 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | VN | NT | -31.40 | -0.012031 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | VH | NT | -9.20 | -0.003525 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VL | NT | -11.90 | -0.004612 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VN | NT | -14.40 | -0.005581 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | VH | NT | -15.90 | -0.006163 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VL | NT | -16.60 | -0.006397 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VN | NT | -6.40 | -0.002466 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | VH | NT | -11.10 | -0.004277 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VL | NT | -17.10 | -0.006552 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VN | NT | -13.80 | -0.005287 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | VH | NT | -0.60 | -0.000230 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | VL | NT | -14.60 | -0.005659 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | VN | NT | -18.20 | -0.007054 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | VH | NT | -15.80 | -0.006124 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | VL | NT | -16.10 | -0.006204 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | VN | NT | -13.70 | -0.005279 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | VH | NT | -17.30 | -0.006667 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | VL | NT | -15.80 | -0.006054 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | VN | NT | -15.70 | -0.006015 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | VH | NT | -21.70 | -0.008314 | ±2.5 | PASS |



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8.2. Frequency Vs Temperature

| 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 | -11.10 | -0.004302 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | -20 | -17.70 | -0.006860 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | -10 | -10.30 | -0.003992 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 0 | -6.10 | -0.002364 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 10 | -15.90 | -0.006163 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 20 | -11.70 | -0.004535 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 30 | -18.60 | -0.007209 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 40 | -12.70 | -0.004922 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | NV | 50 | -15.70 | -0.006085 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | -30 | -19.90 | -0.007669 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | -20 | -14.80 | -0.005703 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | -10 | -18.60 | -0.007168 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 0 | -18.00 | -0.006936 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 10 | -6.00 | -0.002312 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 20 | -12.20 | -0.004701 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 30 | -15.50 | -0.005973 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 40 | -15.40 | -0.005934 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | NV | 50 | -18.50 | -0.007129 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | -30 | -15.00 | -0.005747 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | -20 | -43.30 | -0.016590 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | -10 | -22.60 | -0.008659 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 0 | -20.10 | -0.007701 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 10 | -7.60 | -0.002912 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 20 | 40.80 | 0.015632 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 30 | -12.90 | -0.004943 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 40 | -2.10 | -0.000805 | ±2.5 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | NV | 50 | -11.90 | -0.004559 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -30 | -14.90 | -0.005775 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -20 | -16.00 | -0.006202 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -10 | -15.40 | -0.005969 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 0 | -15.40 | -0.005969 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 10 | -12.70 | -0.004922 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 20 | -11.10 | -0.004302 | ±2.5 | PASS |



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| | | | | | | | | | | |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 30 | -11.60 | -0.004496 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 40 | -12.60 | -0.004884 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 50 | -16.70 | -0.006473 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -30 | -14.90 | -0.005742 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -20 | -13.40 | -0.005164 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -10 | -14.80 | -0.005703 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 0 | -14.60 | -0.005626 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 10 | -15.10 | -0.005819 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 20 | -20.00 | -0.007707 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 30 | -16.20 | -0.006243 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 40 | -11.00 | -0.004239 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 50 | -15.30 | -0.005896 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -30 | 13.80 | 0.005287 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -20 | -17.10 | -0.006552 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -10 | -19.70 | -0.007548 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 0 | -8.70 | -0.003333 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 10 | -15.80 | -0.006054 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 20 | -11.20 | -0.004291 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 30 | -8.90 | -0.003410 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 40 | -19.30 | -0.007395 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 50 | -11.90 | -0.004559 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -30 | -19.40 | -0.007519 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -20 | -14.10 | -0.005465 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -10 | -15.80 | -0.006124 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 0 | -10.80 | -0.004186 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 10 | -17.40 | -0.006744 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 20 | -20.60 | -0.007984 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 30 | -18.00 | -0.006977 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 40 | -19.30 | -0.007481 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 50 | -13.60 | -0.005271 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -30 | -16.20 | -0.006243 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -20 | -18.30 | -0.007052 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -10 | -15.60 | -0.006012 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 0 | -17.50 | -0.006744 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 10 | -15.40 | -0.005934 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 20 | -14.80 | -0.005703 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 30 | -16.60 | -0.006397 | ±2.5 | PASS |



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| | | | | | | | | | | |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 40 | -15.40 | -0.005934 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 50 | -17.70 | -0.006821 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -30 | -17.10 | -0.006552 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -20 | -17.30 | -0.006628 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -10 | -18.70 | -0.007165 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 0 | -17.30 | -0.006628 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 10 | -21.80 | -0.008352 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 20 | -19.60 | -0.007510 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 30 | -17.90 | -0.006858 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 40 | -20.10 | -0.007701 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 50 | -14.60 | -0.005594 | ±2.5 | PASS |



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