



# Appendix B

## E-UTRA Band 38



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

### ANT5:

| Band   | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0      | 23.63        | 23.73      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12     | 23.83        | 23.93      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24     | 23.72        | 23.82      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0     | 22.63        | 22.73      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6     | 22.76        | 22.86      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13    | 22.80        | 22.90      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0     | 22.71        | 22.81      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0      | 23.75        | 23.85      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12     | 23.81        | 23.91      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24     | 23.74        | 23.84      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0     | 22.76        | 22.86      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6     | 22.66        | 22.76      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13    | 22.77        | 22.87      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0     | 22.60        | 22.70      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0      | 23.73        | 23.83      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12     | 23.78        | 23.88      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24     | 23.74        | 23.84      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#0     | 22.71        | 22.81      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#6     | 22.79        | 22.89      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#13    | 22.64        | 22.74      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0     | 22.70        | 22.80      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0      | 22.67        | 22.77      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12     | 22.72        | 22.82      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24     | 22.63        | 22.73      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0     | 21.60        | 21.70      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6     | 21.68        | 21.78      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13    | 21.79        | 21.89      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0     | 21.70        | 21.80      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0      | 22.68        | 22.78      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12     | 22.68        | 22.78      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24     | 22.48        | 22.58      | 33.00       | PASS    |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#0  | 21.71 | 21.81 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#6  | 21.73 | 21.83 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#13 | 21.74 | 21.84 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 25RB#0  | 21.67 | 21.77 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 22.62 | 22.72 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#12  | 22.79 | 22.89 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#24  | 22.71 | 22.81 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 21.65 | 21.75 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 21.72 | 21.82 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 21.71 | 21.81 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 21.79 | 21.89 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 1RB#0   | 21.56 | 21.66 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 1RB#12  | 21.73 | 21.83 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 1RB#24  | 21.61 | 21.71 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 12RB#0  | 20.57 | 20.67 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 12RB#6  | 20.66 | 20.76 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 12RB#13 | 20.69 | 20.79 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 25RB#0  | 20.67 | 20.77 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 1RB#0   | 21.69 | 21.79 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 1RB#12  | 21.75 | 21.85 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 1RB#24  | 21.67 | 21.77 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 12RB#0  | 20.70 | 20.80 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 12RB#6  | 20.64 | 20.74 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 12RB#13 | 20.71 | 20.81 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 25RB#0  | 20.52 | 20.62 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 1RB#0   | 21.70 | 21.80 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 1RB#12  | 21.71 | 21.81 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 1RB#24  | 21.68 | 21.78 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 12RB#0  | 20.68 | 20.78 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 12RB#6  | 20.71 | 20.81 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 12RB#13 | 20.58 | 20.68 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 25RB#0  | 20.60 | 20.70 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 23.54 | 23.64 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 23.77 | 23.87 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 23.76 | 23.86 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 22.67 | 22.77 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 22.77 | 22.87 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 22.83 | 22.93 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 22.76 | 22.86 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 23.67 | 23.77 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 23.78 | 23.88 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 23.73 | 23.83 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 22.74 | 22.84 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 22.71 | 22.81 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 22.72 | 22.82 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 22.62 | 22.72 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 23.65 | 23.75 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 23.81 | 23.91 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 23.76 | 23.86 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 22.75 | 22.85 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 22.77 | 22.87 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 22.64 | 22.74 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 22.80 | 22.90 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 22.66 | 22.76 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 22.70 | 22.80 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 22.62 | 22.72 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 21.52 | 21.62 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 21.69 | 21.79 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 21.75 | 21.85 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 21.74 | 21.84 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 22.60 | 22.70 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 22.66 | 22.76 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 22.52 | 22.62 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 21.81 | 21.91 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 21.78 | 21.88 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 21.78 | 21.88 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 21.70 | 21.80 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 22.65 | 22.75 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 22.79 | 22.89 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 22.72 | 22.82 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 21.60 | 21.70 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 21.74 | 21.84 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 21.68 | 21.78 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 21.79 | 21.89 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#0   | 21.48 | 21.58 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#24  | 21.75 | 21.85 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 64QAM | 37800 | 1RB#49  | 21.69 | 21.79 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#0  | 20.56 | 20.66 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#12 | 20.66 | 20.76 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#25 | 20.81 | 20.91 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0  | 20.73 | 20.83 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#0   | 21.63 | 21.73 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#24  | 21.73 | 21.83 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#49  | 21.70 | 21.80 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#0  | 20.62 | 20.72 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#12 | 20.64 | 20.74 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#25 | 20.70 | 20.80 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0  | 20.53 | 20.63 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#0   | 21.61 | 21.71 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#24  | 21.74 | 21.84 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#49  | 21.65 | 21.75 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#0  | 20.72 | 20.82 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#12 | 20.73 | 20.83 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#25 | 20.60 | 20.70 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0  | 20.73 | 20.83 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 23.62 | 23.72 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 23.82 | 23.92 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 23.78 | 23.88 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 22.62 | 22.72 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 22.74 | 22.84 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 22.83 | 22.93 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 22.70 | 22.80 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 23.72 | 23.82 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 23.80 | 23.90 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 23.76 | 23.86 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 22.67 | 22.77 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 22.66 | 22.76 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 22.68 | 22.78 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 22.67 | 22.77 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 23.66 | 23.76 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 23.74 | 23.84 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 23.70 | 23.80 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 22.71 | 22.81 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 22.77 | 22.87 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 22.61 | 22.71 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 22.78 | 22.88 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 22.71 | 22.81 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 22.77 | 22.87 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 22.66 | 22.76 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.61 | 21.71 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.66 | 21.76 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.82 | 21.92 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 21.76 | 21.86 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 22.62 | 22.72 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 22.69 | 22.79 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 22.53 | 22.63 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 21.74 | 21.84 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.77 | 21.87 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.76 | 21.86 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 21.64 | 21.74 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 22.62 | 22.72 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 22.70 | 22.80 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 22.73 | 22.83 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 21.62 | 21.72 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.75 | 21.85 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.74 | 21.84 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 21.73 | 21.83 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0   | 21.53 | 21.63 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38  | 21.78 | 21.88 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74  | 21.66 | 21.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0  | 20.56 | 20.66 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 20.64 | 20.74 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 20.82 | 20.92 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0  | 20.66 | 20.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0   | 21.61 | 21.71 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38  | 21.70 | 21.80 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74  | 21.74 | 21.84 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0  | 20.66 | 20.76 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#18 | 20.63 | 20.73 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#37 | 20.58 | 20.68 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0  | 20.64 | 20.74 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#0   | 21.54 | 21.64 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM | 38175 | 1RB#38  | 21.72 | 21.82 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#74  | 21.69 | 21.79 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#0  | 20.67 | 20.77 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#18 | 20.68 | 20.78 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#37 | 20.54 | 20.64 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0  | 20.77 | 20.87 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 23.38 | 23.48 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 23.62 | 23.72 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 23.56 | 23.66 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 22.44 | 22.54 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 22.55 | 22.65 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 22.60 | 22.70 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 22.54 | 22.64 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 23.51 | 23.61 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 23.58 | 23.68 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 23.53 | 23.63 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 22.51 | 22.61 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 22.50 | 22.60 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 22.53 | 22.63 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 22.42 | 22.52 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 23.48 | 23.58 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 23.56 | 23.66 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 23.64 | 23.74 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 22.61 | 22.71 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 22.58 | 22.68 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 22.46 | 22.56 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 22.55 | 22.65 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 22.48 | 22.58 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 22.55 | 22.65 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 22.47 | 22.57 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 21.37 | 21.47 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 21.45 | 21.55 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 21.57 | 21.67 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 21.51 | 21.61 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 22.44 | 22.54 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 22.49 | 22.59 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 22.32 | 22.42 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 21.56 | 21.66 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 21.56 | 21.66 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 21.54 | 21.64 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 21.45 | 21.55 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 22.40 | 22.50 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 22.55 | 22.65 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 22.48 | 22.58 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 21.45 | 21.55 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 21.55 | 21.65 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 21.52 | 21.62 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 21.54 | 21.64 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0   | 21.37 | 21.47 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49  | 21.57 | 21.67 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99  | 21.44 | 21.54 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#0  | 20.42 | 20.52 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#25 | 20.45 | 20.55 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#50 | 20.59 | 20.69 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 20.43 | 20.53 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#0   | 21.40 | 21.50 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#49  | 21.56 | 21.66 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#99  | 21.49 | 21.59 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#0  | 20.50 | 20.60 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#25 | 20.44 | 20.54 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#50 | 20.51 | 20.61 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 20.41 | 20.51 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#0   | 21.43 | 21.53 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#49  | 21.54 | 21.64 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#99  | 21.61 | 21.71 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#0  | 20.52 | 20.62 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#25 | 20.48 | 20.58 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#50 | 20.45 | 20.55 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 20.51 | 20.61 | 33.00 | PASS |



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**ANT8:**

| Band   | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------|--------------|------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0      | 23.87        | 22.04      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12     | 23.86        | 22.03      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24     | 23.86        | 22.03      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0     | 22.78        | 20.95      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6     | 22.71        | 20.88      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13    | 22.76        | 20.93      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0     | 22.76        | 20.93      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0      | 23.84        | 22.01      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12     | 23.89        | 22.06      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24     | 23.83        | 22.00      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0     | 22.77        | 20.94      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6     | 22.73        | 20.90      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13    | 22.85        | 21.02      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0     | 22.79        | 20.96      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0      | 23.84        | 22.01      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12     | 23.80        | 21.97      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24     | 23.83        | 22.00      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#0     | 22.76        | 20.93      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#6     | 22.79        | 20.96      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#13    | 22.75        | 20.92      | 33.00       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0     | 22.78        | 20.95      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0      | 22.83        | 21.00      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12     | 22.68        | 20.85      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24     | 22.74        | 20.91      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0     | 21.72        | 19.89      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6     | 21.70        | 19.87      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13    | 21.69        | 19.86      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0     | 21.83        | 20.00      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0      | 22.84        | 21.01      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12     | 22.79        | 20.96      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24     | 22.73        | 20.90      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#0     | 21.73        | 19.90      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#6     | 21.68        | 19.85      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#13    | 21.72        | 19.89      | 33.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0     | 21.85        | 20.02      | 33.00       | PASS    |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 22.74 | 20.91 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#12  | 22.66 | 20.83 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#24  | 22.71 | 20.88 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 21.67 | 19.84 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 21.71 | 19.88 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 21.65 | 19.82 | 33.00 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 21.80 | 19.97 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 1RB#0   | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 1RB#12  | 21.76 | 19.93 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 1RB#24  | 21.82 | 19.99 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 12RB#0  | 20.66 | 18.83 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 12RB#6  | 20.68 | 18.85 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 12RB#13 | 20.71 | 18.88 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 37775 | 25RB#0  | 20.73 | 18.90 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 1RB#0   | 21.81 | 19.98 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 1RB#12  | 21.86 | 20.03 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 1RB#24  | 21.72 | 19.89 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 12RB#0  | 20.76 | 18.93 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 12RB#6  | 20.71 | 18.88 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 12RB#13 | 20.83 | 19.00 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38000 | 25RB#0  | 20.67 | 18.84 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 1RB#0   | 21.74 | 19.91 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 1RB#12  | 21.71 | 19.88 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 1RB#24  | 21.82 | 19.99 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 12RB#0  | 20.64 | 18.81 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 12RB#6  | 20.71 | 18.88 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 12RB#13 | 20.66 | 18.83 | 33.00 | PASS |
| Band38 | 5MHz  | 64QAM | 38225 | 25RB#0  | 20.73 | 18.90 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 23.90 | 22.07 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 23.87 | 22.04 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 23.92 | 22.09 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 22.71 | 20.88 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 22.78 | 20.95 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 22.82 | 20.99 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 22.80 | 20.97 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 23.93 | 22.10 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 23.83 | 22.00 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 23.82 | 21.99 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 22.76 | 20.93 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 22.76 | 20.93 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 22.73 | 20.90 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 22.79 | 20.96 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 23.82 | 21.99 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 23.88 | 22.05 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 23.79 | 21.96 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 22.79 | 20.96 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 22.74 | 20.91 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 22.76 | 20.93 | 33.00 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 22.77 | 20.94 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 22.87 | 21.04 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 22.75 | 20.92 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 22.80 | 20.97 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 21.87 | 20.04 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 21.79 | 19.96 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 22.87 | 21.04 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 22.72 | 20.89 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 22.80 | 20.97 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 21.80 | 19.97 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 21.83 | 20.00 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 21.81 | 19.98 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 21.76 | 19.93 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 22.84 | 21.01 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 22.67 | 20.84 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 22.73 | 20.90 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 21.73 | 19.90 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 21.75 | 19.92 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 21.76 | 19.93 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#0   | 21.85 | 20.02 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#24  | 21.75 | 19.92 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 1RB#49  | 21.84 | 20.01 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#0  | 20.62 | 18.79 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#12 | 20.74 | 18.91 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 37800 | 25RB#25 | 20.80 | 18.97 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 10MHz | 64QAM | 37800 | 50RB#0  | 20.75 | 18.92 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#0   | 21.84 | 20.01 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#24  | 21.82 | 19.99 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 1RB#49  | 21.70 | 19.87 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#0  | 20.66 | 18.83 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#12 | 20.65 | 18.82 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 25RB#25 | 20.71 | 18.88 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38000 | 50RB#0  | 20.77 | 18.94 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#0   | 21.78 | 19.95 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#24  | 21.82 | 19.99 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 1RB#49  | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#0  | 20.73 | 18.90 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#12 | 20.71 | 18.88 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 25RB#25 | 20.68 | 18.85 | 33.00 | PASS |
| Band38 | 10MHz | 64QAM | 38200 | 50RB#0  | 20.68 | 18.85 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 23.84 | 22.01 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 23.90 | 22.07 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 23.83 | 22.00 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 22.73 | 20.90 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 22.78 | 20.95 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 22.80 | 20.97 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 22.77 | 20.94 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 23.82 | 21.99 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 23.88 | 22.05 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 23.79 | 21.96 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 22.77 | 20.94 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 22.74 | 20.91 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 22.78 | 20.95 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 22.80 | 20.97 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 23.75 | 21.92 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 23.88 | 22.05 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 23.73 | 21.90 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 22.79 | 20.96 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 22.78 | 20.95 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 22.73 | 20.90 | 33.00 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 22.75 | 20.92 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 22.77 | 20.94 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 22.89 | 21.06 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 22.72 | 20.89 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.72 | 19.89 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.74 | 19.91 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 21.78 | 19.95 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 22.79 | 20.96 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 22.79 | 20.96 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 22.64 | 20.81 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 21.70 | 19.87 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.70 | 19.87 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.70 | 19.87 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 21.74 | 19.91 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 22.67 | 20.84 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 22.78 | 20.95 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 22.66 | 20.83 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 21.69 | 19.86 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.72 | 19.89 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.73 | 19.90 | 33.00 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 21.75 | 19.92 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#0   | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#38  | 21.86 | 20.03 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 1RB#74  | 21.82 | 19.99 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#0  | 20.70 | 18.87 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#18 | 20.69 | 18.86 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 38RB#37 | 20.73 | 18.90 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 37825 | 75RB#0  | 20.74 | 18.91 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#0   | 21.81 | 19.98 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#38  | 21.81 | 19.98 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 1RB#74  | 21.71 | 19.88 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#0  | 20.74 | 18.91 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#18 | 20.62 | 18.79 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 38RB#37 | 20.71 | 18.88 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38000 | 75RB#0  | 20.71 | 18.88 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#0   | 21.73 | 19.90 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#38  | 21.82 | 19.99 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 1RB#74  | 21.71 | 19.88 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#0  | 20.69 | 18.86 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 38RB#18 | 20.74 | 18.91 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 15MHz | 64QAM | 38175 | 38RB#37 | 20.66 | 18.83 | 33.00 | PASS |
| Band38 | 15MHz | 64QAM | 38175 | 75RB#0  | 20.64 | 18.81 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 23.77 | 21.94 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 23.83 | 22.00 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 23.84 | 22.01 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 22.74 | 20.91 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 22.84 | 21.01 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 22.89 | 21.06 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 22.80 | 20.97 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 23.71 | 21.88 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 23.85 | 22.02 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 23.75 | 21.92 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 22.74 | 20.91 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 22.76 | 20.93 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 22.80 | 20.97 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 22.73 | 20.90 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 23.70 | 21.87 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 23.76 | 21.93 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 23.77 | 21.94 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 22.77 | 20.94 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 22.83 | 21.00 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 22.72 | 20.89 | 33.00 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 22.74 | 20.91 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 22.68 | 20.85 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 22.92 | 21.09 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 22.73 | 20.90 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 21.74 | 19.91 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 21.76 | 19.93 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 21.86 | 20.03 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 21.75 | 19.92 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 22.69 | 20.86 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 22.82 | 20.99 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 22.71 | 20.88 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 21.76 | 19.93 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 21.76 | 19.93 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 21.81 | 19.98 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 21.70 | 19.87 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 22.66 | 20.83 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 22.72 | 20.89 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 22.61 | 20.78 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 21.77 | 19.94 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 21.68 | 19.85 | 33.00 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 21.75 | 19.92 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#0   | 21.67 | 19.84 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#49  | 21.75 | 19.92 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 1RB#99  | 21.83 | 20.00 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#0  | 20.66 | 18.83 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#25 | 20.76 | 18.93 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 50RB#50 | 20.81 | 18.98 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 20.78 | 18.95 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#0   | 21.64 | 19.81 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#49  | 21.76 | 19.93 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 1RB#99  | 21.72 | 19.89 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#0  | 20.65 | 18.82 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#25 | 20.73 | 18.90 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 50RB#50 | 20.76 | 18.93 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 20.63 | 18.80 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#0   | 21.61 | 19.78 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#49  | 21.69 | 19.86 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 1RB#99  | 21.70 | 19.87 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#0  | 20.66 | 18.83 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#25 | 20.77 | 18.94 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 50RB#50 | 20.69 | 18.86 | 33.00 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 20.73 | 18.90 | 33.00 | PASS |

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator.



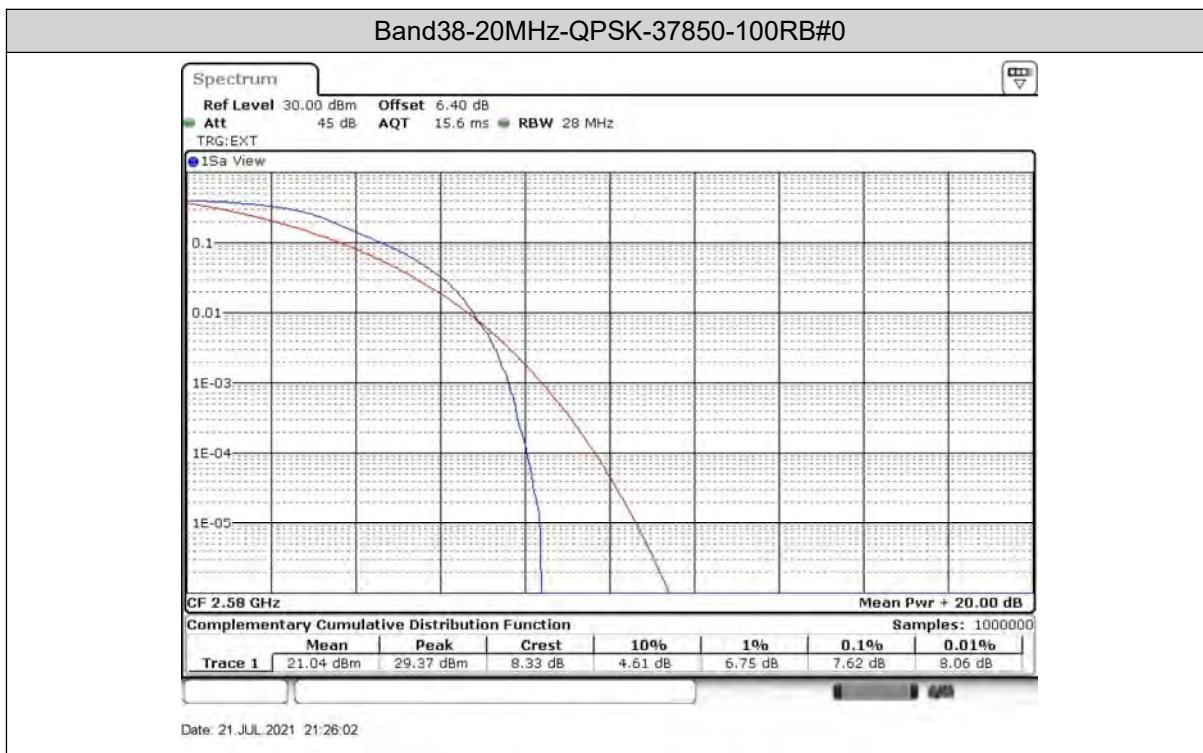
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## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 7.62       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 4.72       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 4.72       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 5.65       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 5.57       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 5.62       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0          | 8.06       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0          | 7.97       | 13        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0          | 8.00       | 13        | PASS    |

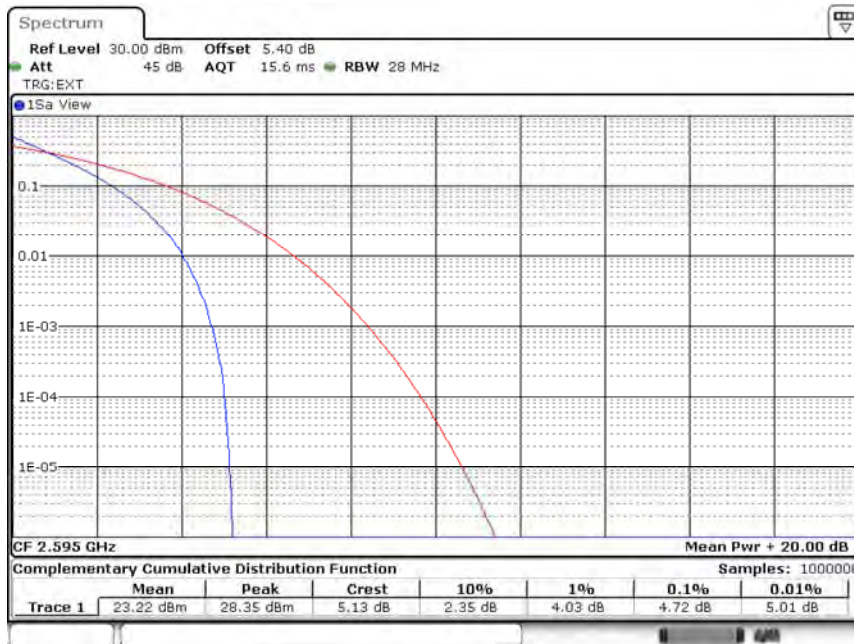
### 2.2. Test Plots



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



Date: 21.JUL.2021 02:58:51

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

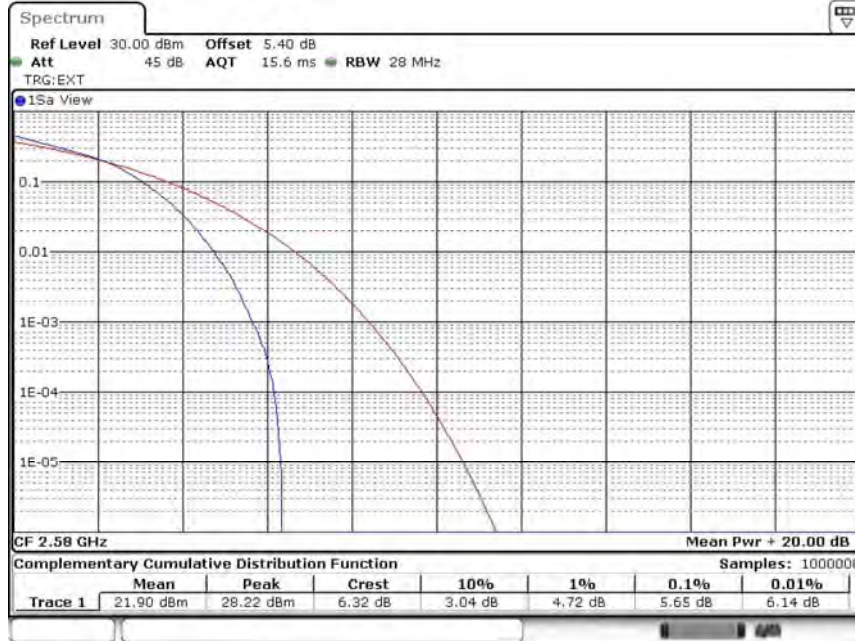


Date: 21.JUL.2021 02:59:07



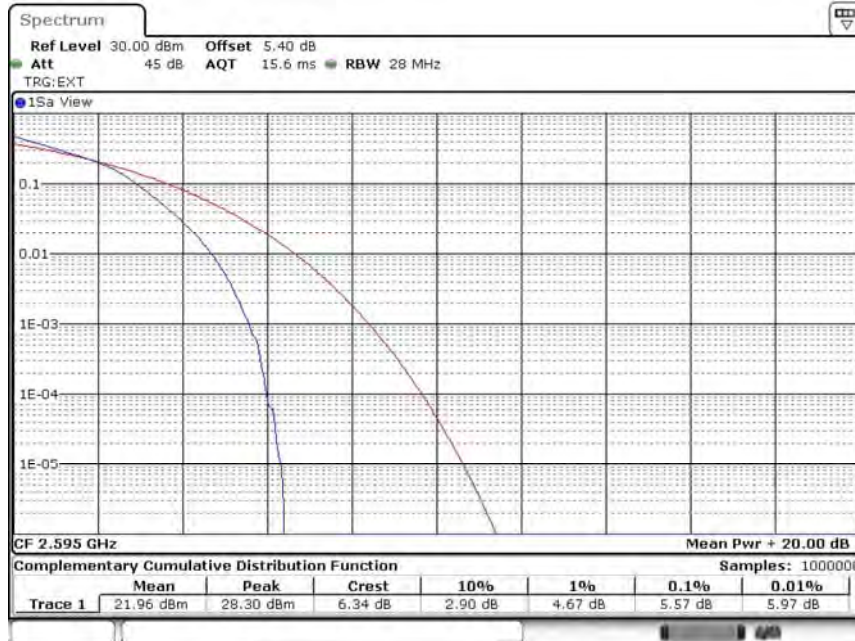
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**Band38-20MHz-16QAM-37850-100RB#0**



Date: 21 JUL 2021 21:32:41

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

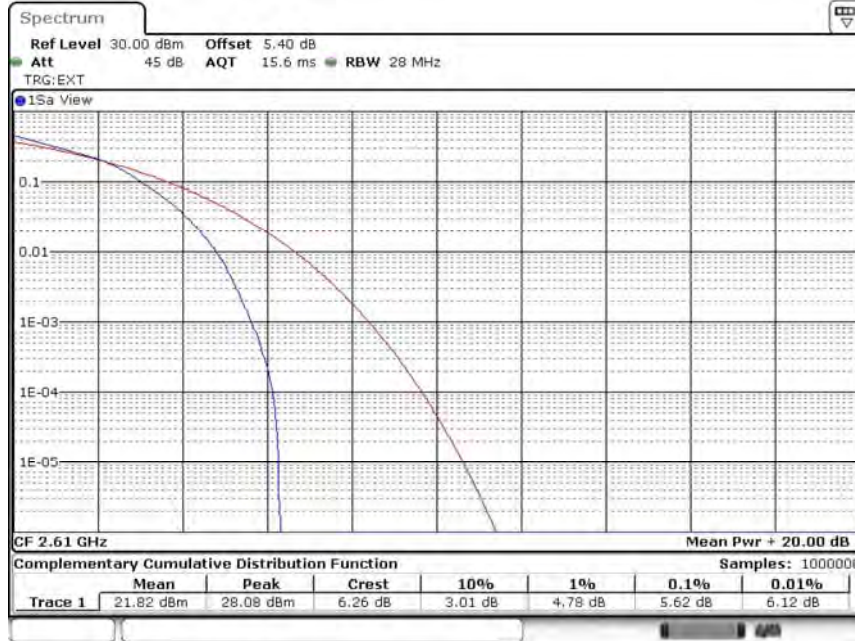


Date: 21 JUL 2021 21:33:58



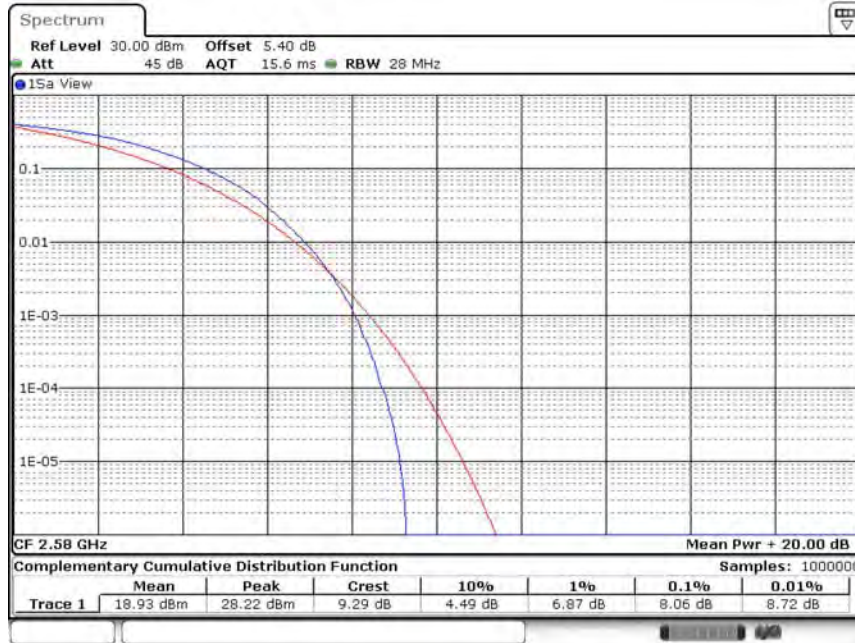
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**Band38-20MHz-16QAM-38150-100RB#0**



Date: 21 JUL 2021 21:35:16

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

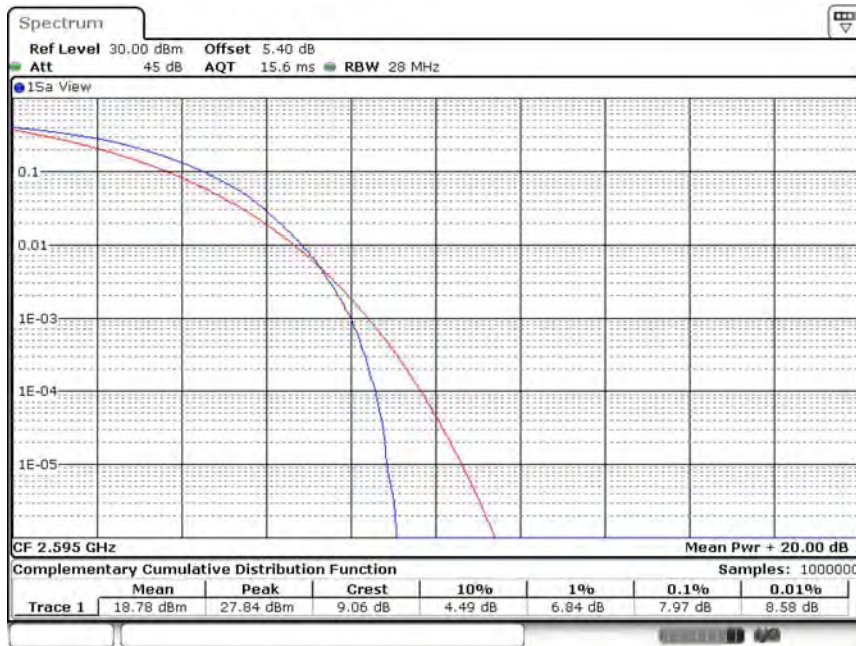


Date: 21 JUL 2021 22:04:22



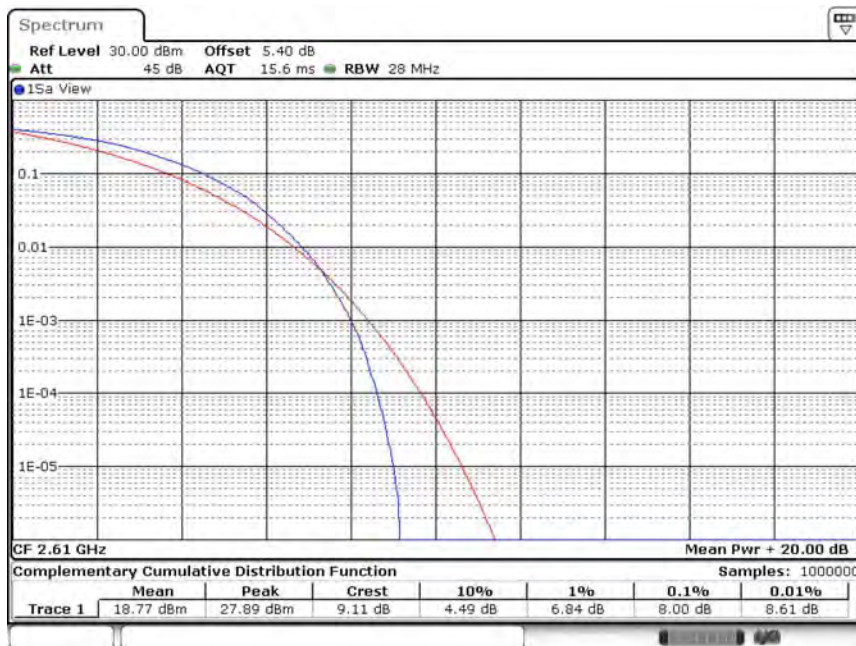
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**Band38-20MHz-64QAM-38000-100RB#0**



Date: 21.JUL.2021 22:04:40

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



Date: 21.JUL.2021 22:04:57

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.

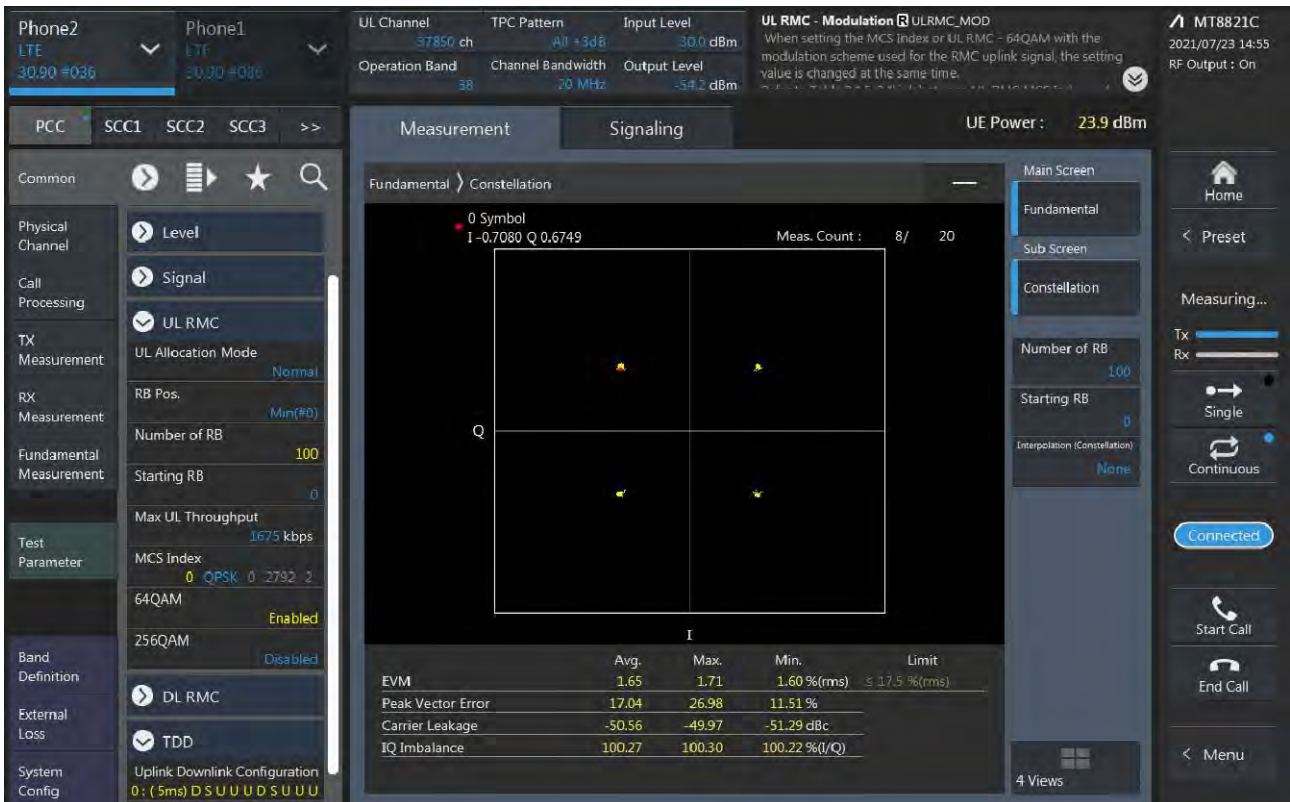


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### 3. Modulation Characteristics

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

##### 3.1.1. Test Channel = MCH

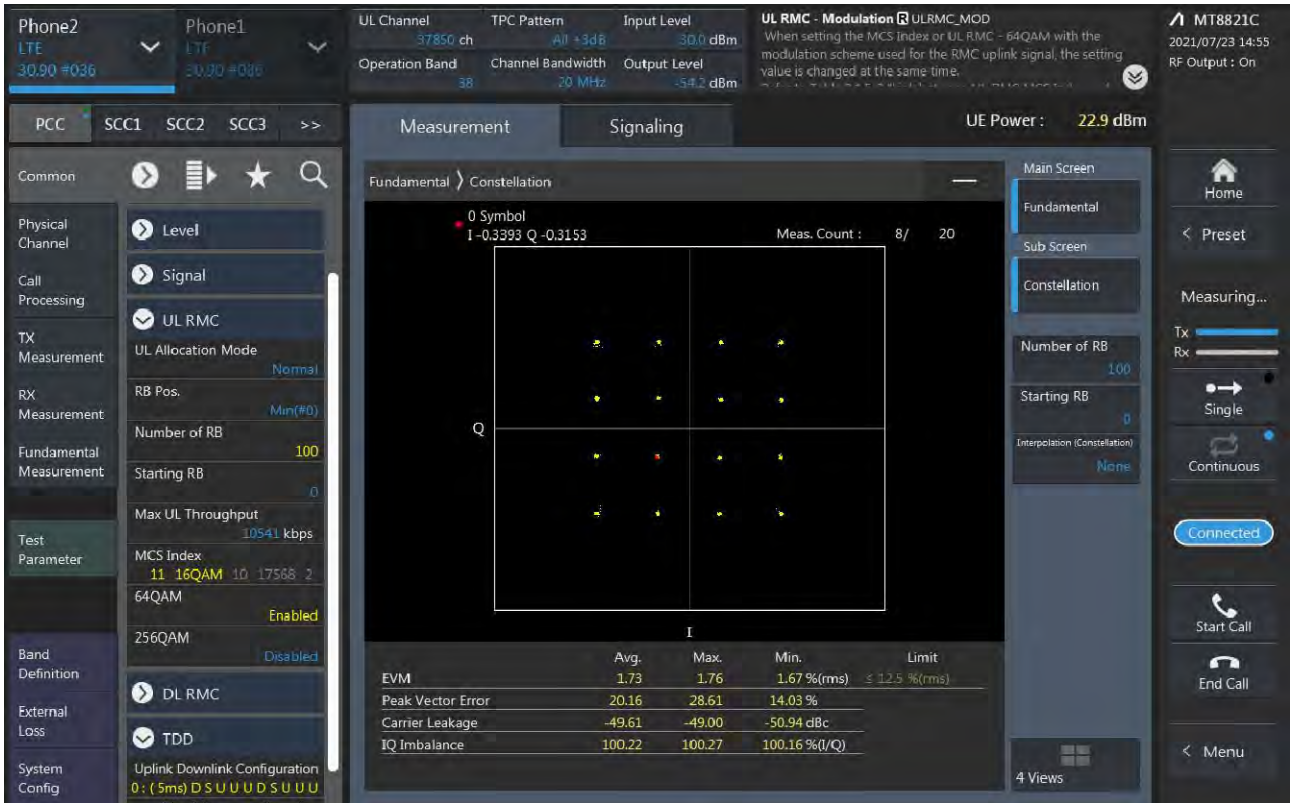






### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH

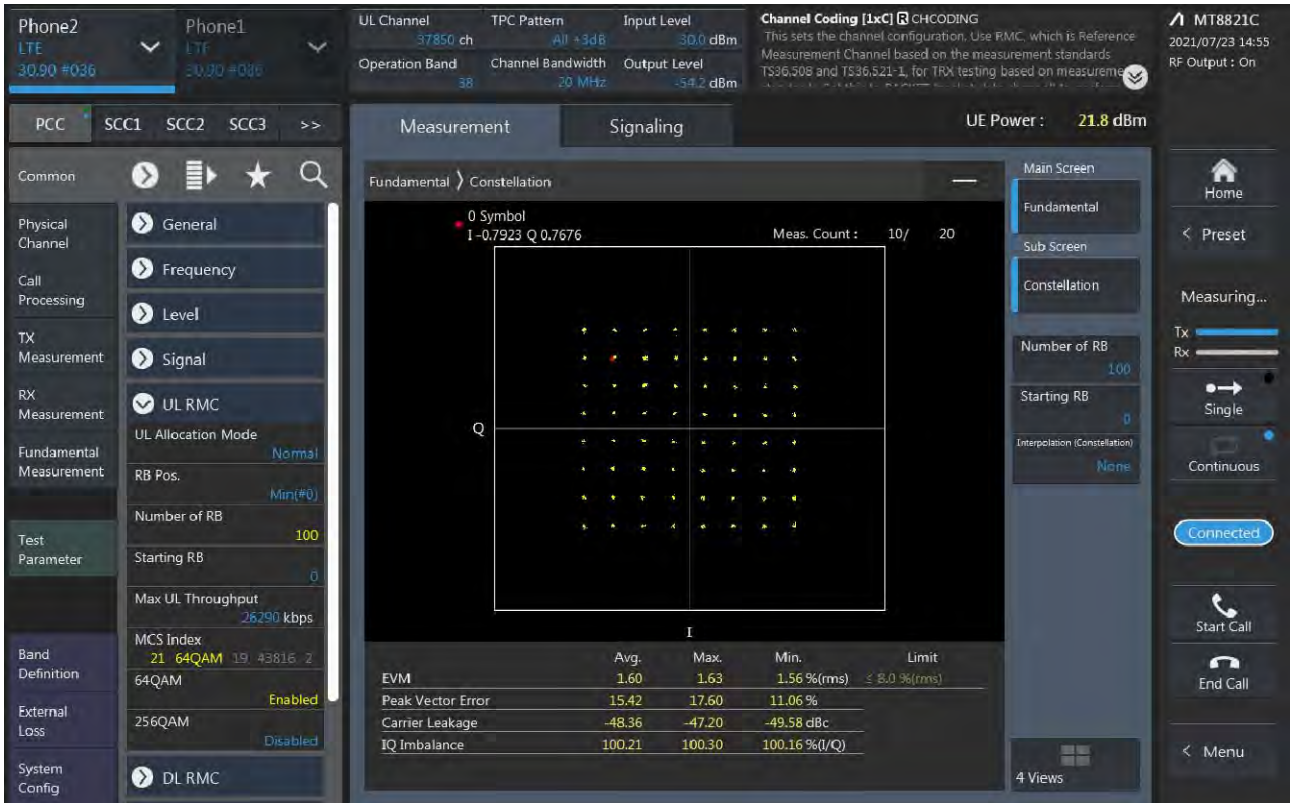


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### 3.3. Test Mode = LTE /TM3 20MHz

#### 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       | 37775   | 25RB#0           | 4.476                    | 4.850                | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.466                    | 4.860                | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 4.476                    | 4.860                | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 4.466                    | 4.880                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 4.466                    | 4.880                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 4.466                    | 4.900                | PASS    |
| Band38 | 5MHz      | 64QAM      | 37775   | 25RB#0           | 4.466                    | 4.820                | PASS    |
| Band38 | 5MHz      | 64QAM      | 38000   | 25RB#0           | 4.466                    | 4.840                | PASS    |
| Band38 | 5MHz      | 64QAM      | 38225   | 25RB#0           | 4.466                    | 4.840                | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 8.931                    | 9.840                | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 8.931                    | 10.080               | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 8.931                    | 9.820                | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 8.931                    | 9.720                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 8.931                    | 9.880                | PASS    |
| Band38 | 10MHz     | 64QAM      | 37800   | 50RB#0           | 8.931                    | 9.680                | PASS    |
| Band38 | 10MHz     | 64QAM      | 38000   | 50RB#0           | 8.931                    | 9.680                | PASS    |
| Band38 | 10MHz     | 64QAM      | 38200   | 50RB#0           | 8.931                    | 9.720                | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 13.516                   | 15.300               | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 13.487                   | 15.120               | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 13.516                   | 15.720               | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 13.487                   | 18.480               | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 13.457                   | 15.450               | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 13.487                   | 14.760               | PASS    |
| Band38 | 15MHz     | 64QAM      | 37825   | 75RB#0           | 13.457                   | 15.750               | PASS    |
| Band38 | 15MHz     | 64QAM      | 38000   | 75RB#0           | 13.457                   | 15.210               | PASS    |
| Band38 | 15MHz     | 64QAM      | 38175   | 75RB#0           | 13.487                   | 15.330               | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 17.942                   | 20.360               | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 17.942                   | 20.440               | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 18.022                   | 24.480               | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 17.902                   | 20.040               | PASS    |

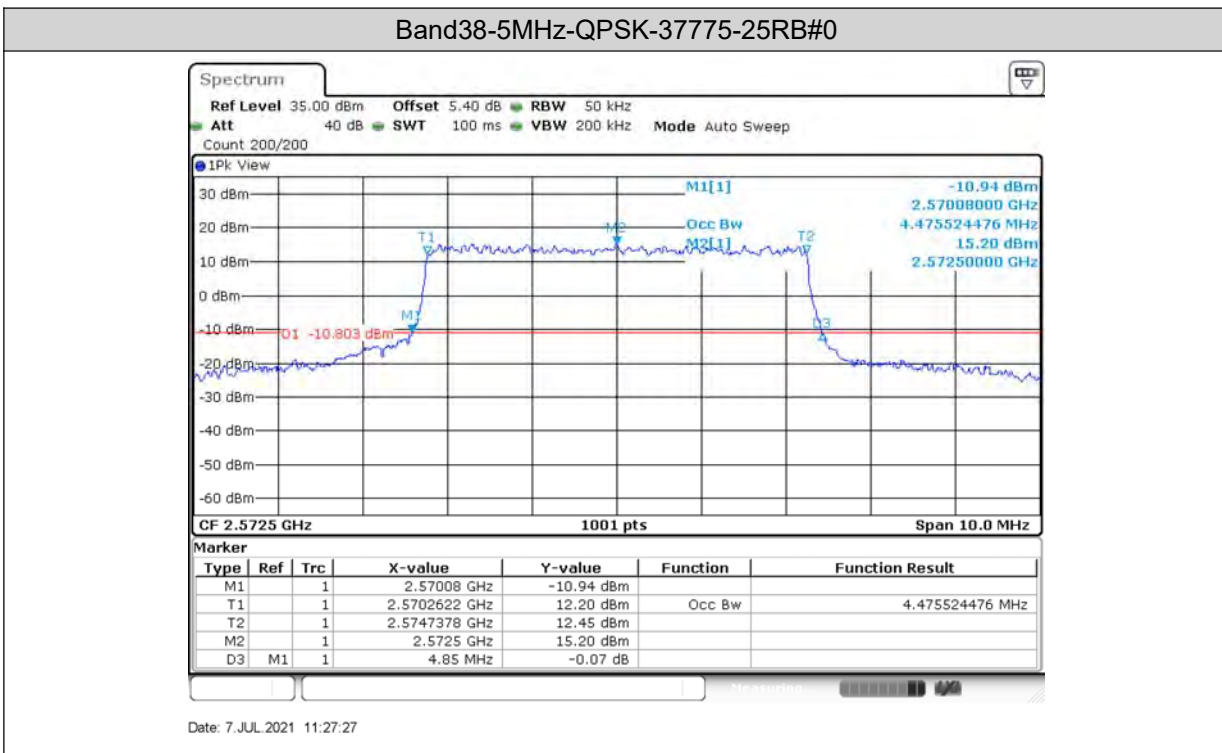


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|        |       |       |       |         |        |        |      |
|--------|-------|-------|-------|---------|--------|--------|------|
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 17.942 | 19.640 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 17.942 | 19.760 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | 17.902 | 19.520 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | 17.902 | 19.600 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | 17.942 | 20.960 | PASS |

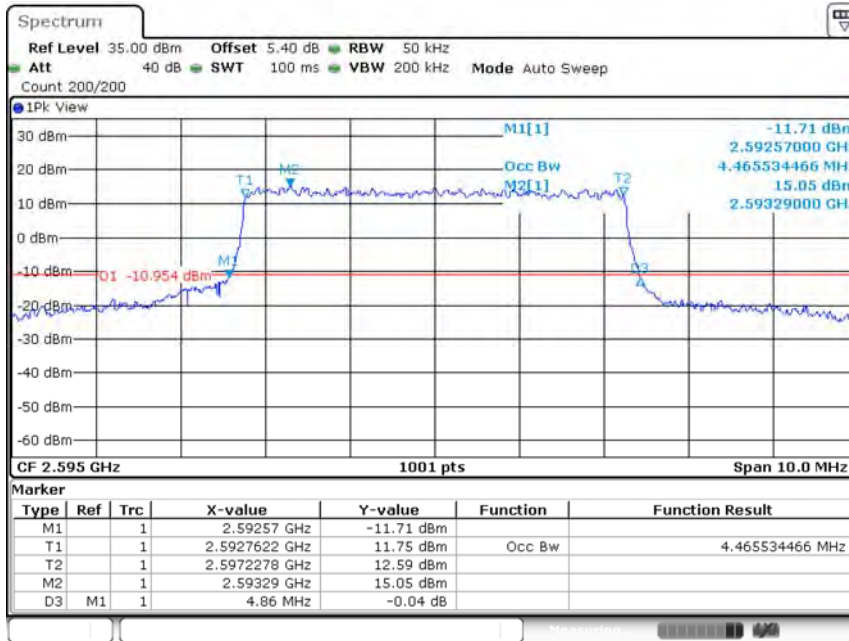
## 4.2. Test Plots



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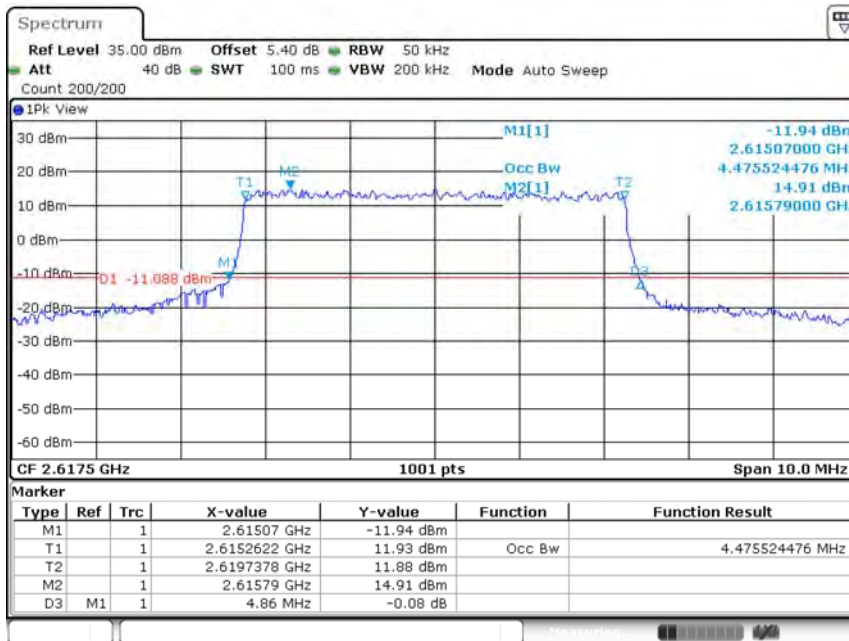
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**Band38-5MHz-QPSK-38000-25RB#0**



Date: 7.JUL.2021 11:28:43

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



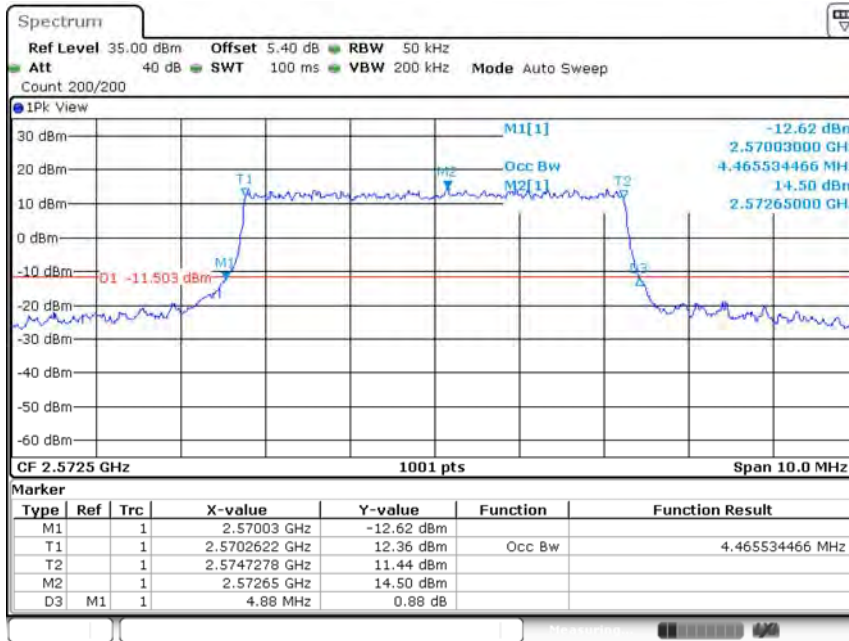
Date: 7.JUL.2021 11:30:00



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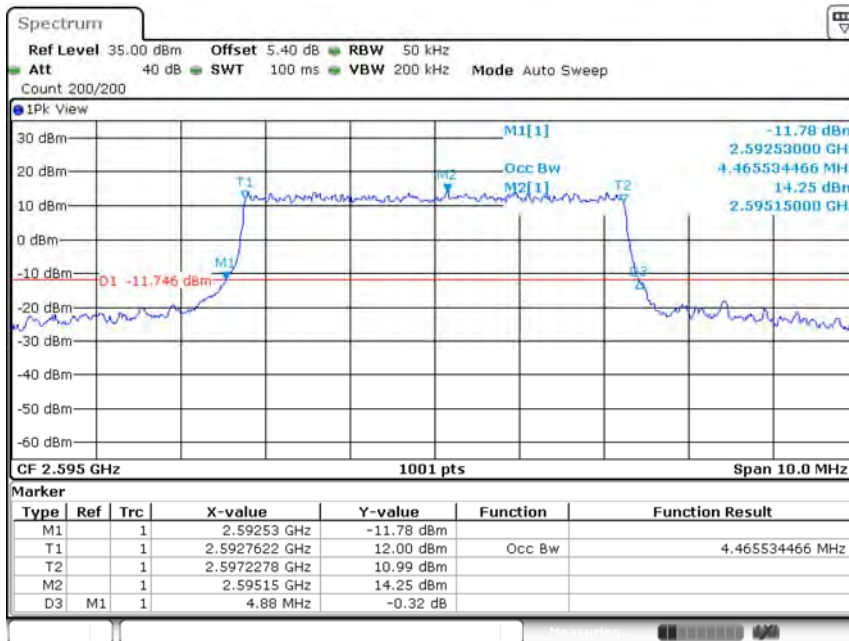
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**Band38-5MHz-16QAM-37775-25RB#0**



Date: 7.JUL.2021 11:28:05

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

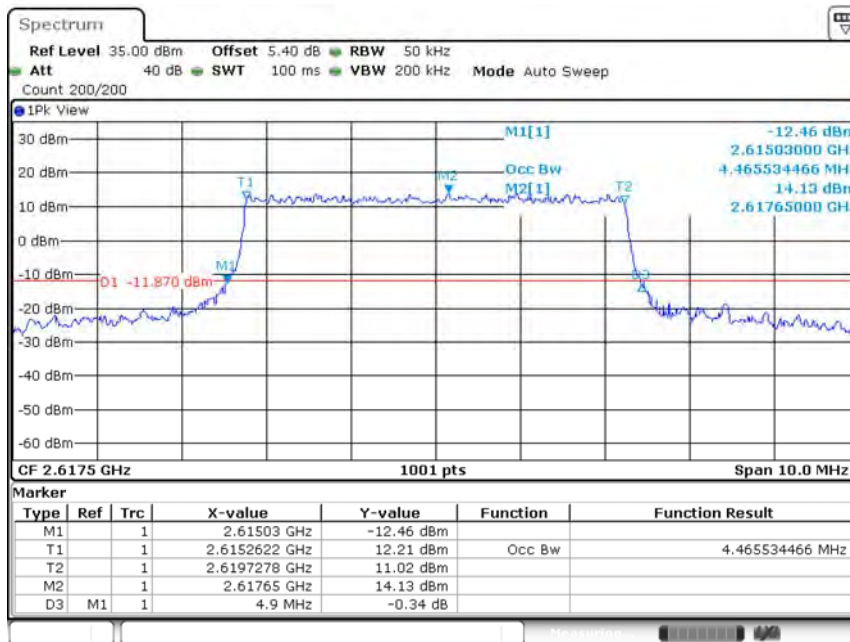


Date: 7.JUL.2021 11:29:21



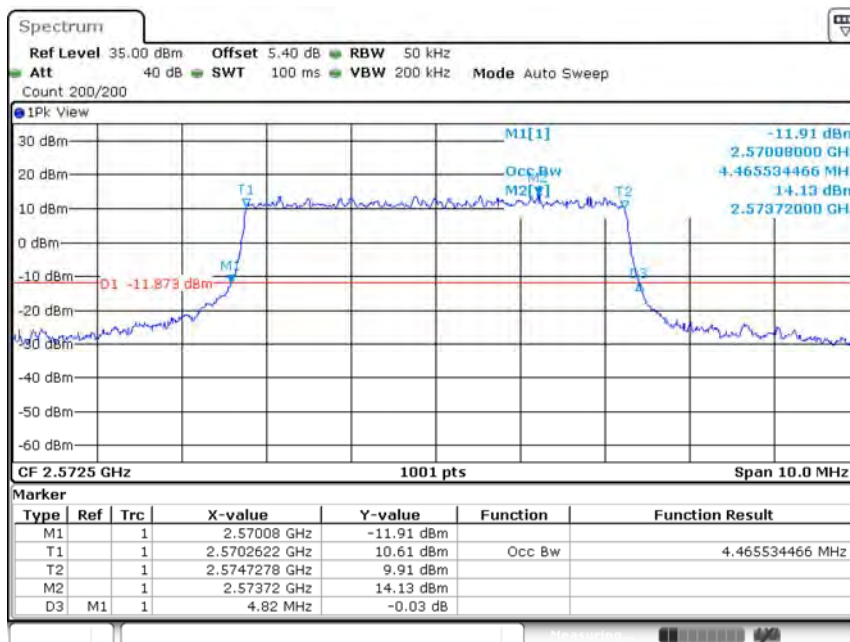
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**Band38-5MHz-16QAM-38225-25RB#0**



Date: 7.JUL.2021 11:30:39

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

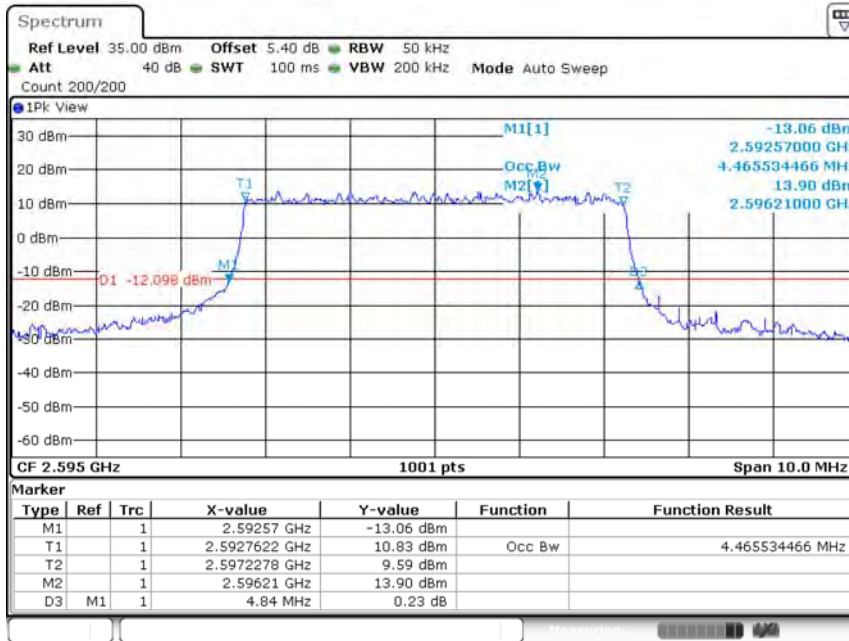


Date: 7.JUL.2021 14:17:50



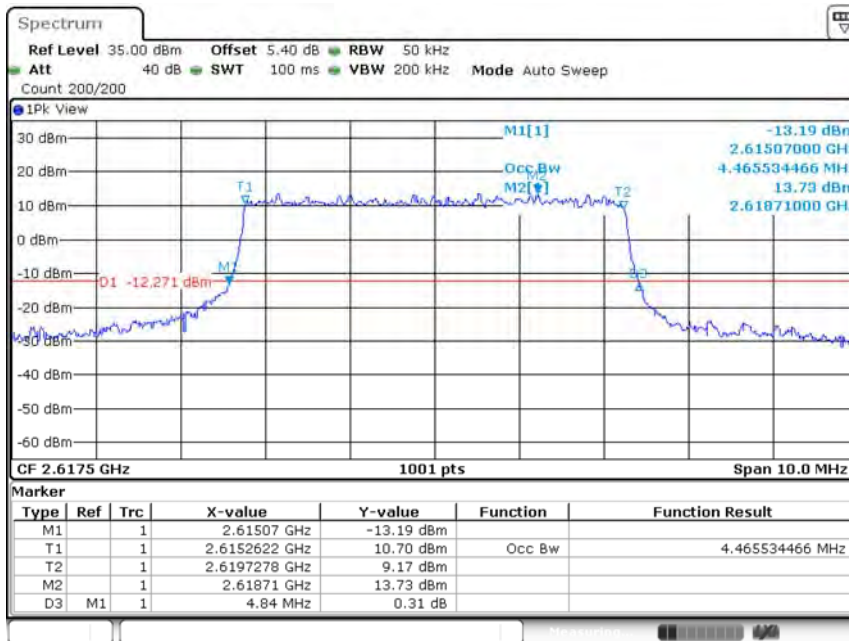
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**Band38-5MHz-64QAM-38000-25RB#0**



Date: 7.JUL.2021 14:18:29

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



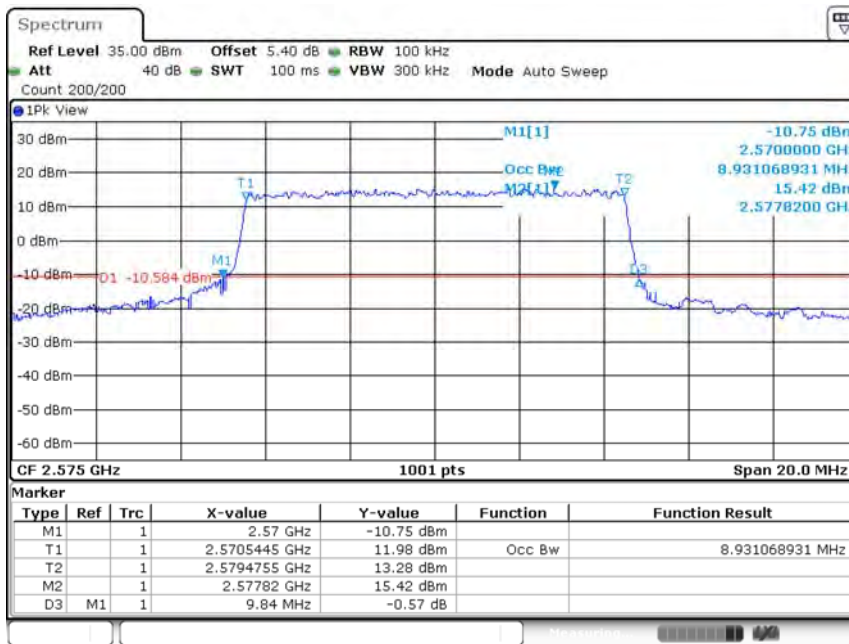
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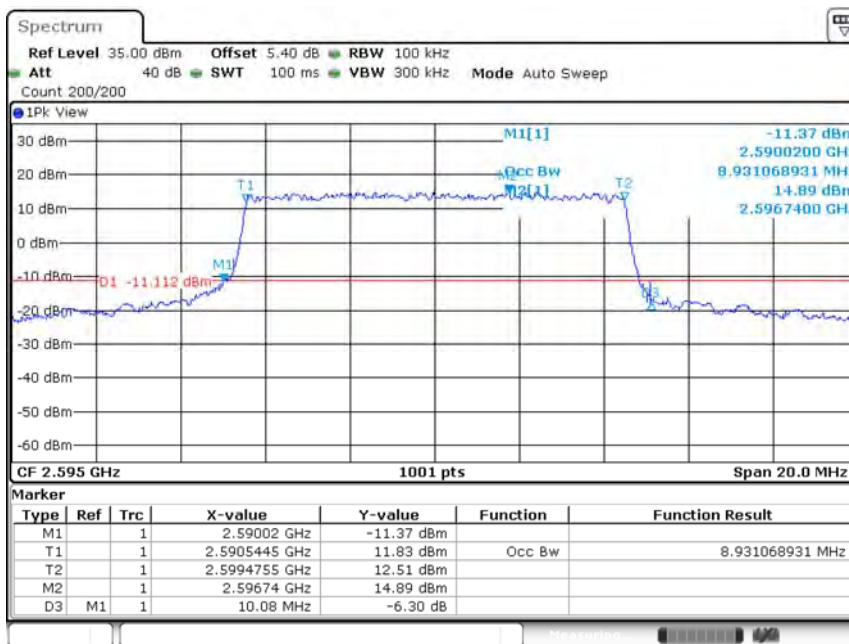


**Band38-10MHz-QPSK-37800-50RB#0**



Date: 7.JUL.2021 11:31:39

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



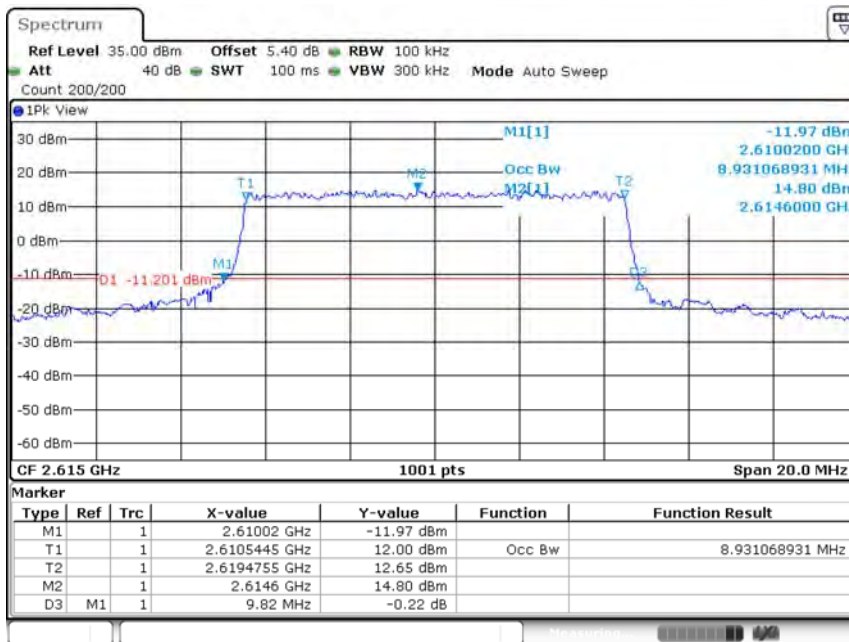
Date: 7.JUL.2021 11:32:56



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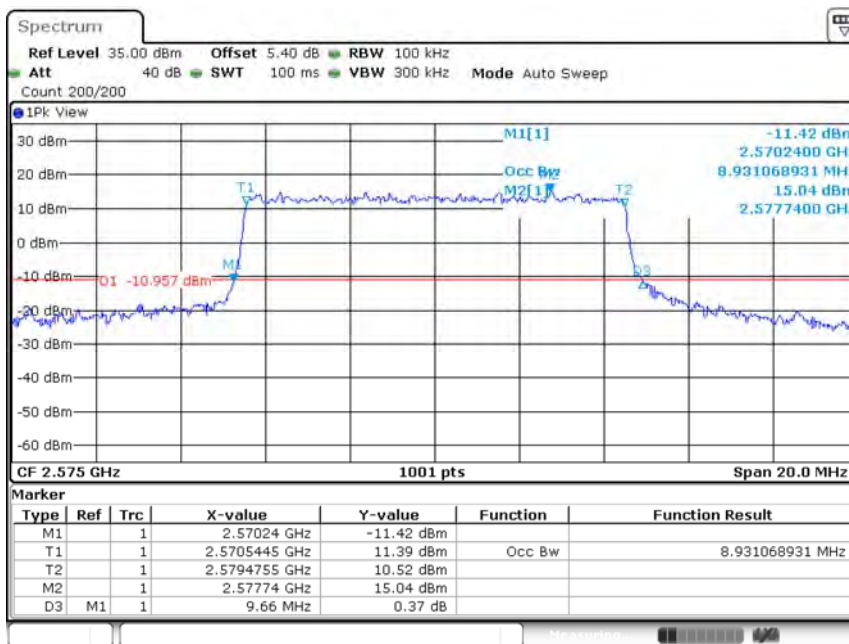
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**Band38-10MHz-QPSK-38200-50RB#0**



Date: 7.JUL.2021 11:34:13

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



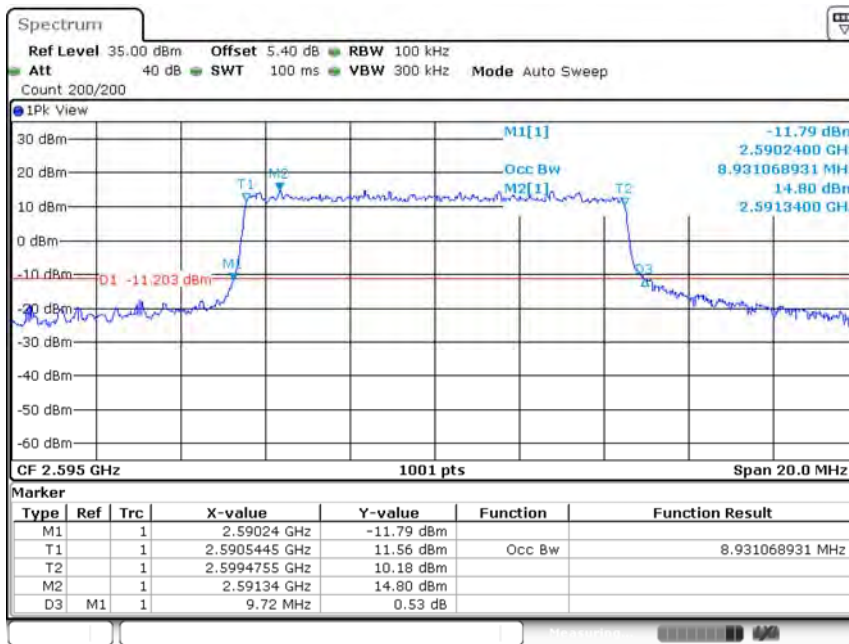
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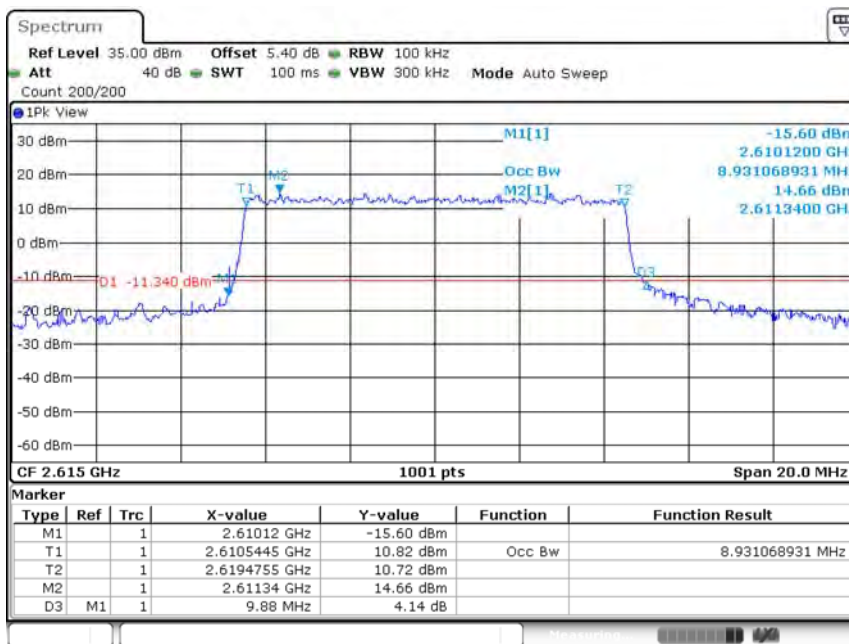
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**Band38-10MHz-16QAM-38000-50RB#0**



Date: 7.JUL.2021 11:33:34

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

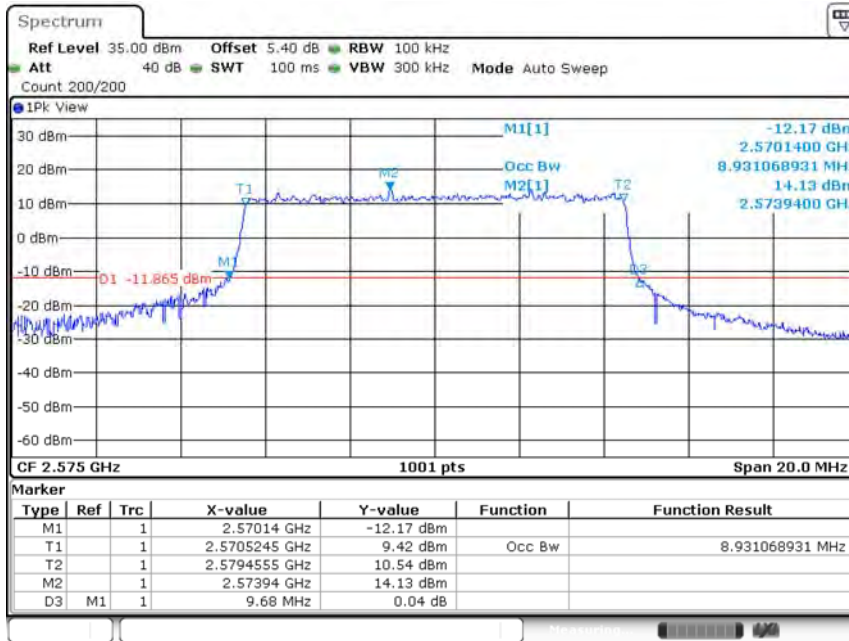


Date: 7.JUL.2021 11:34:51



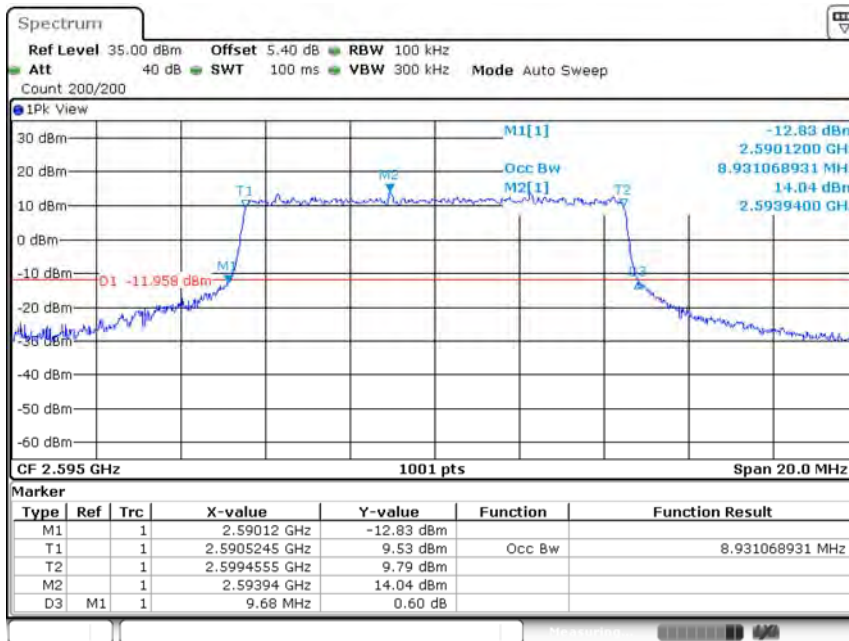
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**Band38-10MHz-64QAM-37800-50RB#0**



Date: 7.JUL.2021 14:20:08

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

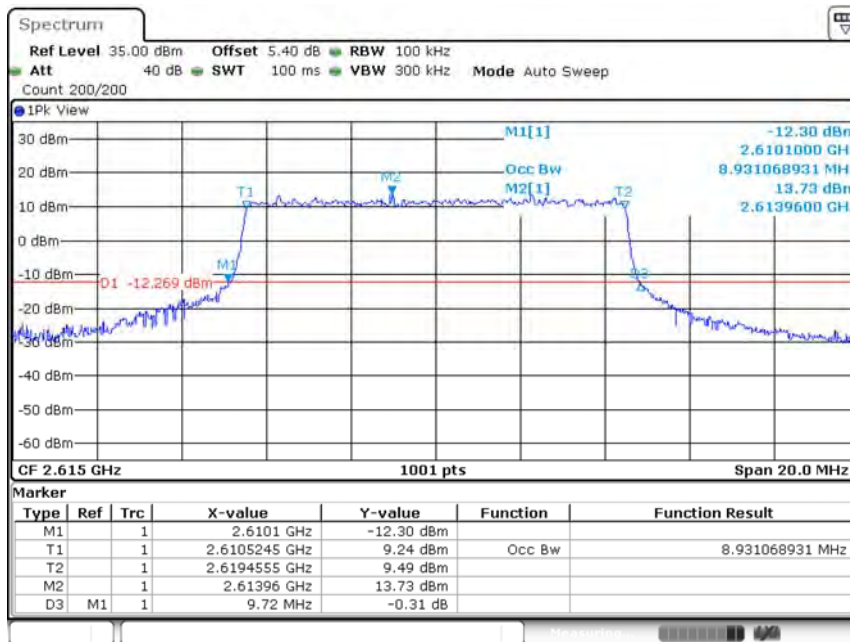


Date: 7.JUL.2021 14:20:47



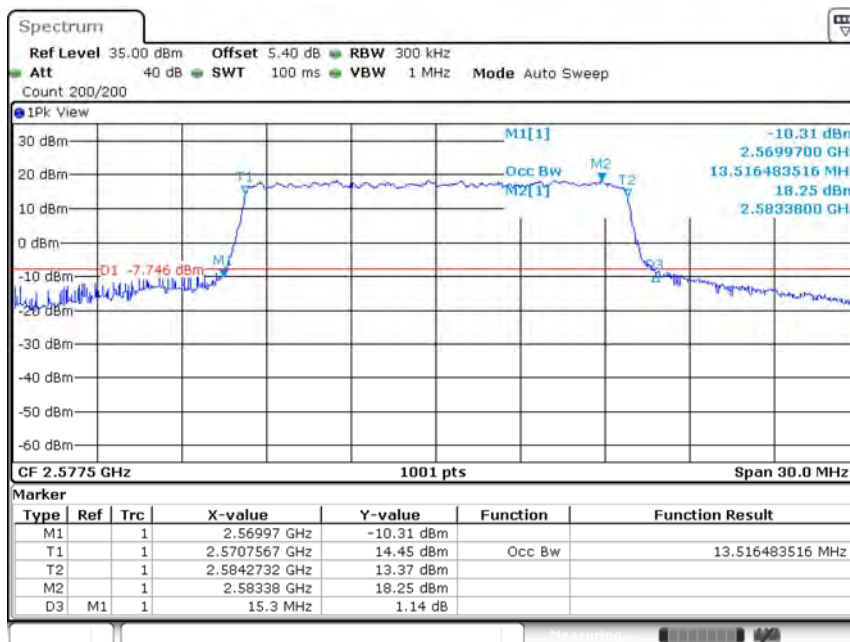
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**Band38-10MHz-64QAM-38200-50RB#0**



Date: 7.JUL.2021 14:21:26

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

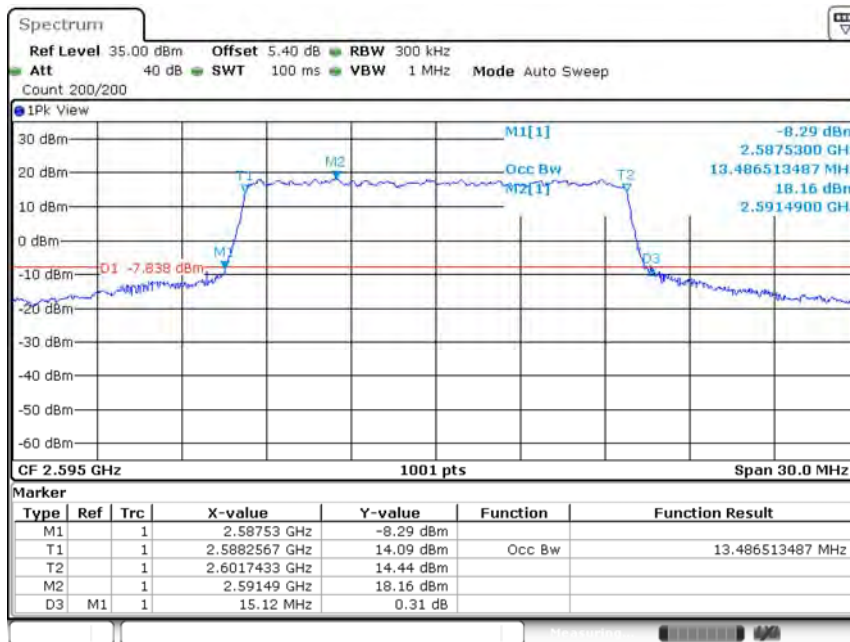


Date: 7.JUL.2021 11:35:50



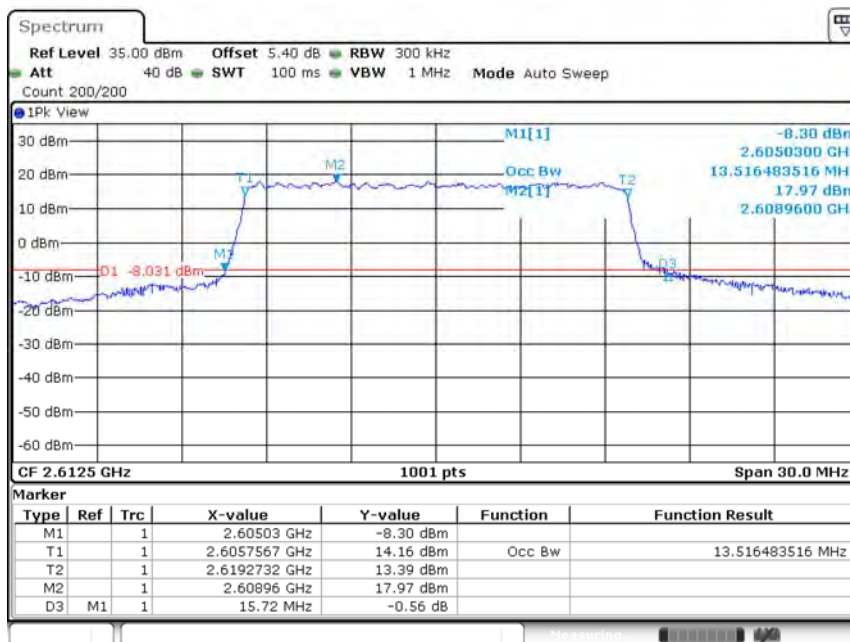
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**Band38-15MHz-QPSK-38000-75RB#0**



Date: 7.JUL.2021 11:37:07

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

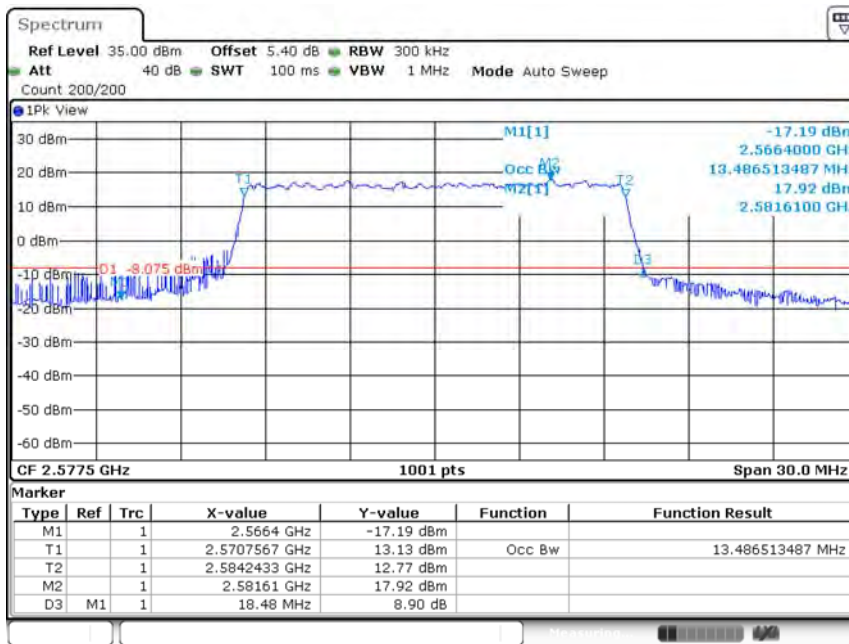


Date: 7.JUL.2021 11:38:24



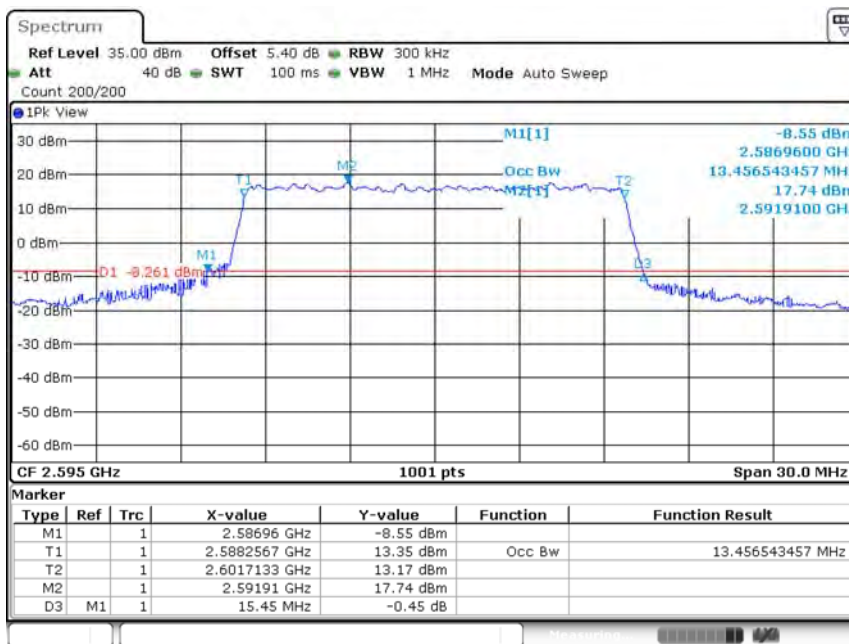
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**Band38-15MHz-16QAM-37825-75RB#0**



Date: 7.JUL.2021 11:36:28

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

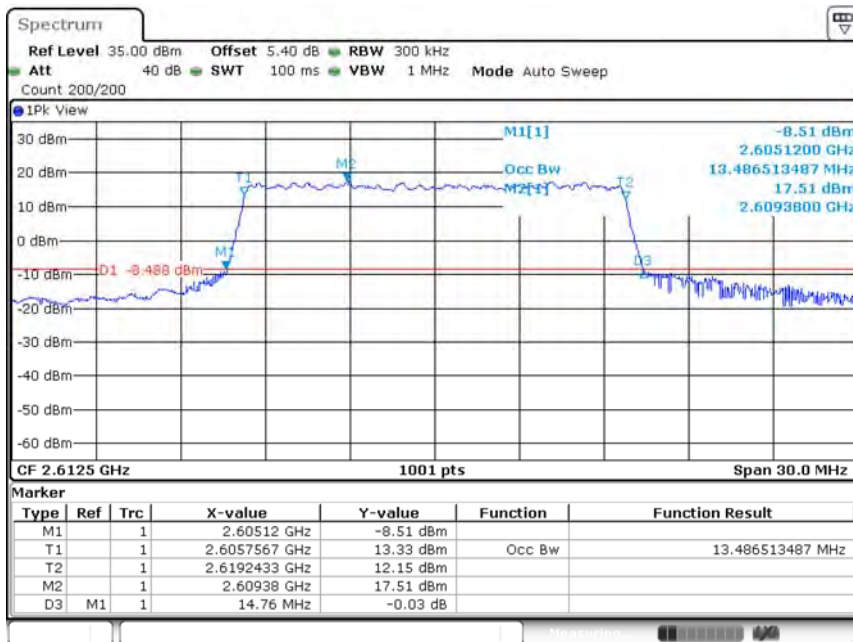


Date: 7.JUL.2021 11:37:45



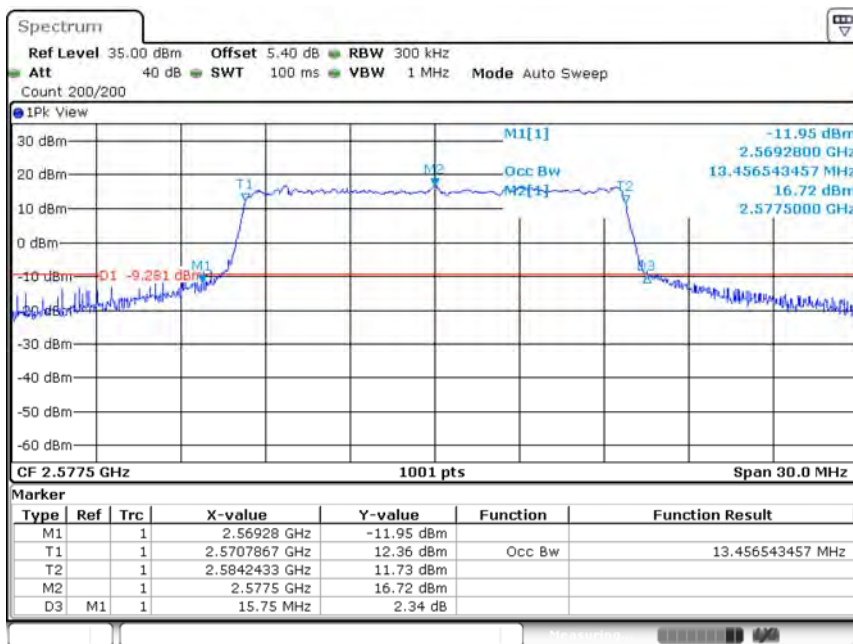
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**Band38-15MHz-16QAM-38175-75RB#0**



Date: 7.JUL.2021 11:39:02

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



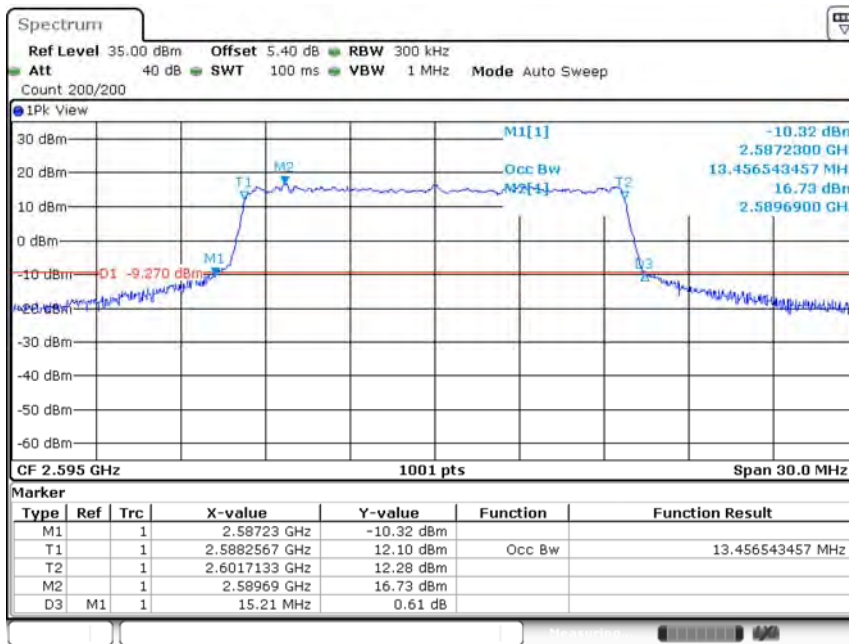
Date: 7.JUL.2021 14:22:25



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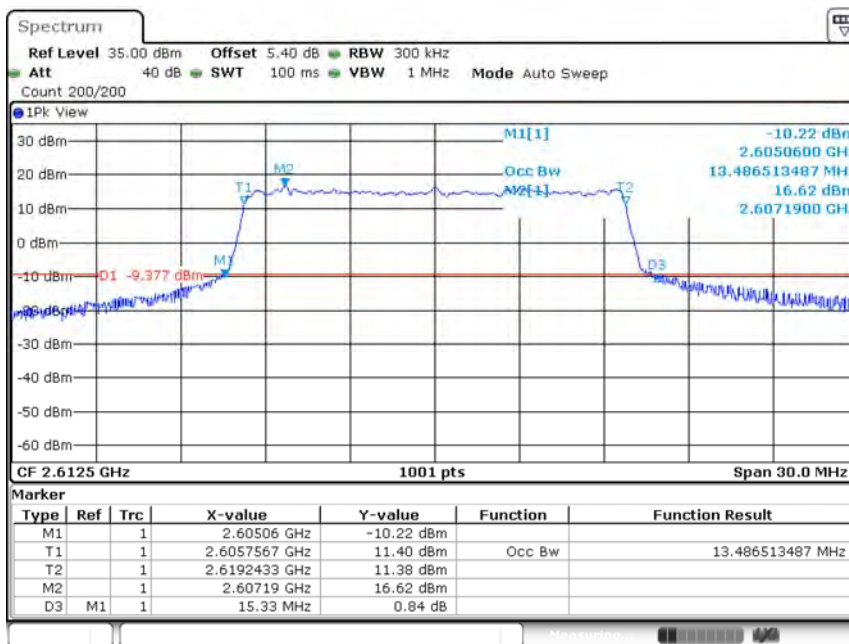


**Band38-15MHz-64QAM-38000-75RB#0**



Date: 7.JUL.2021 14:23:03

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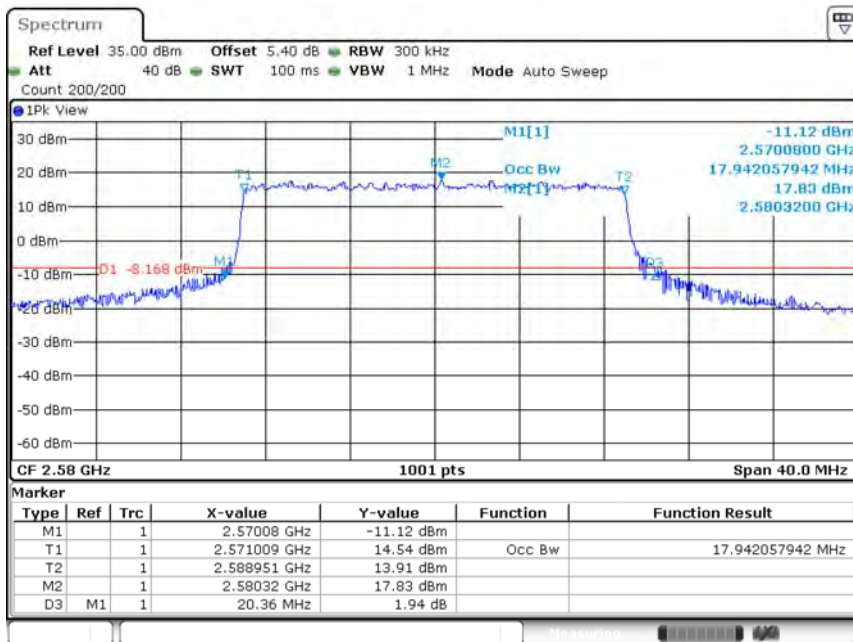
Date: 7.JUL.2021 14:23:42



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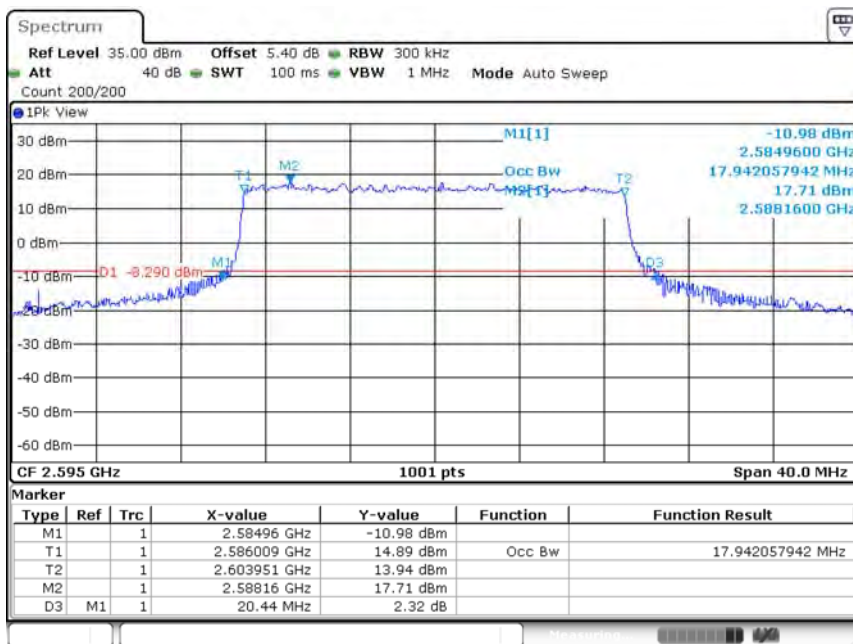
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**Band38-20MHz-QPSK-37850-100RB#0**



Date: 7 JUL 2021 11:40:00

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

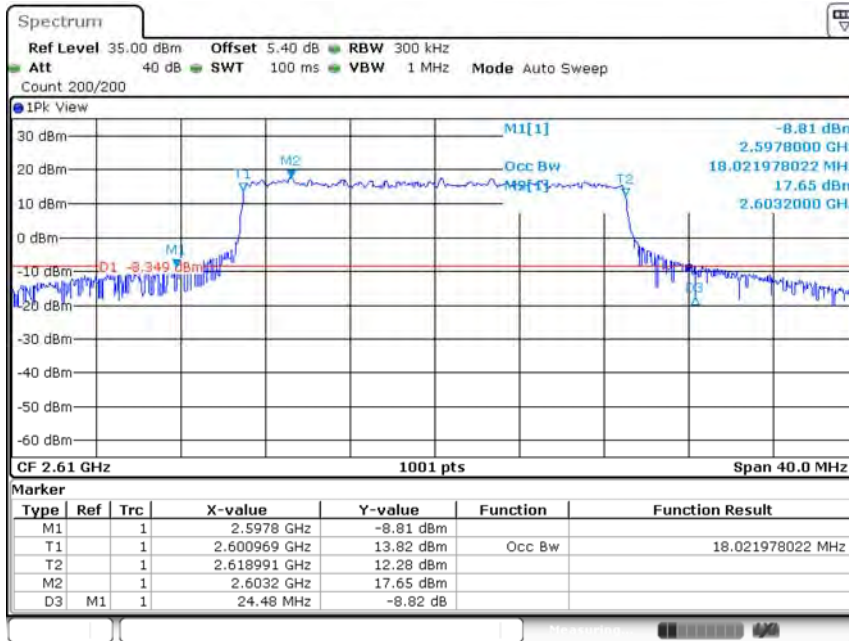


Date: 7 JUL 2021 11:41:18



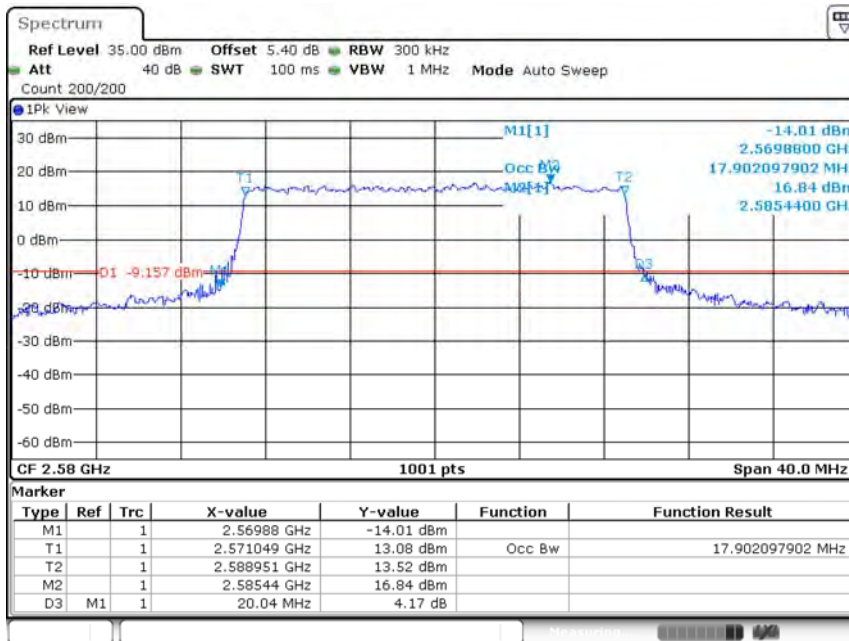
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**Band38-20MHz-QPSK-38150-100RB#0**



Date: 7.JUL.2021 11:42:34

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

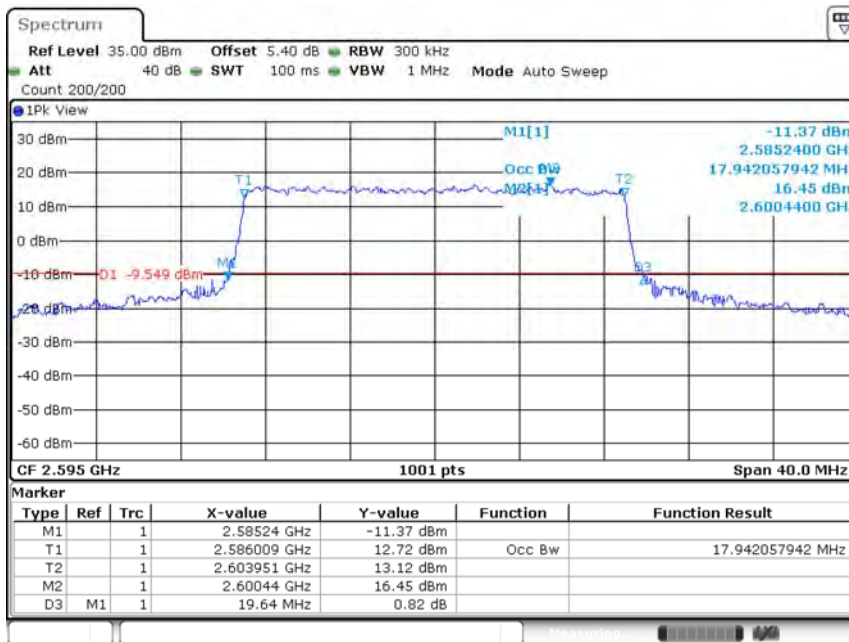


Date: 7.JUL.2021 11:40:39



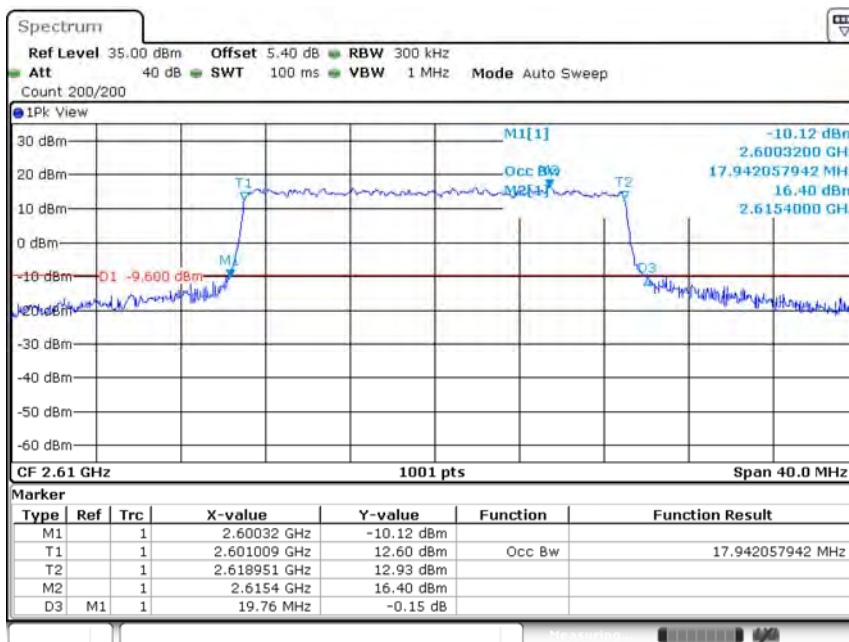
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**Band38-20MHz-16QAM-38000-100RB#0**



Date: 7.JUL.2021 11:41:56

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

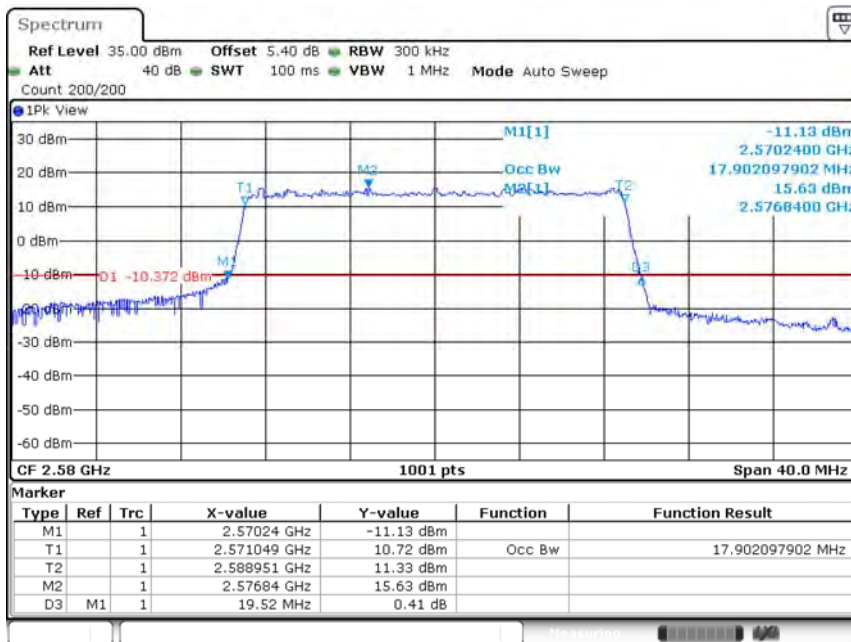


Date: 7.JUL.2021 11:43:12



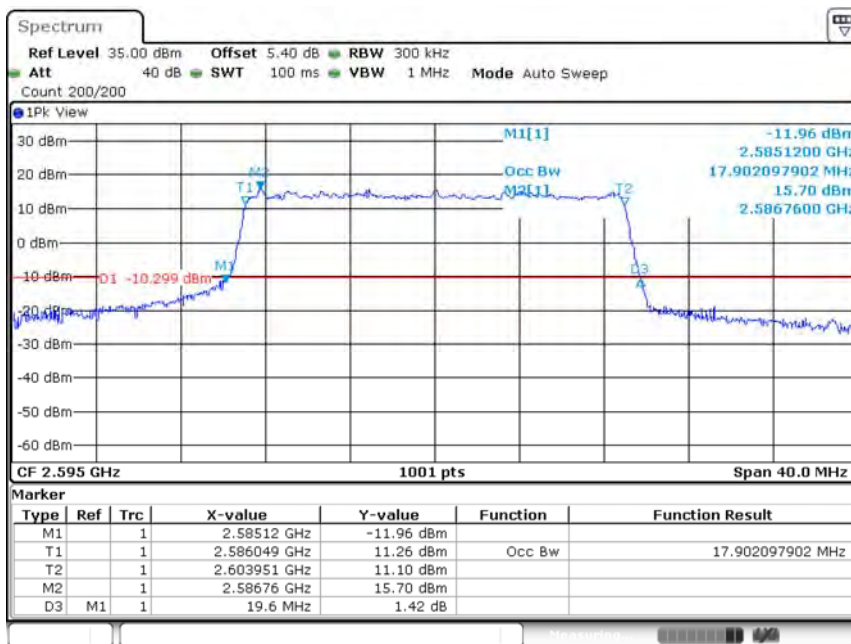
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**Band38-20MHz-64QAM-37850-100RB#0**



Date: 7.JUL.2021 14:24:40

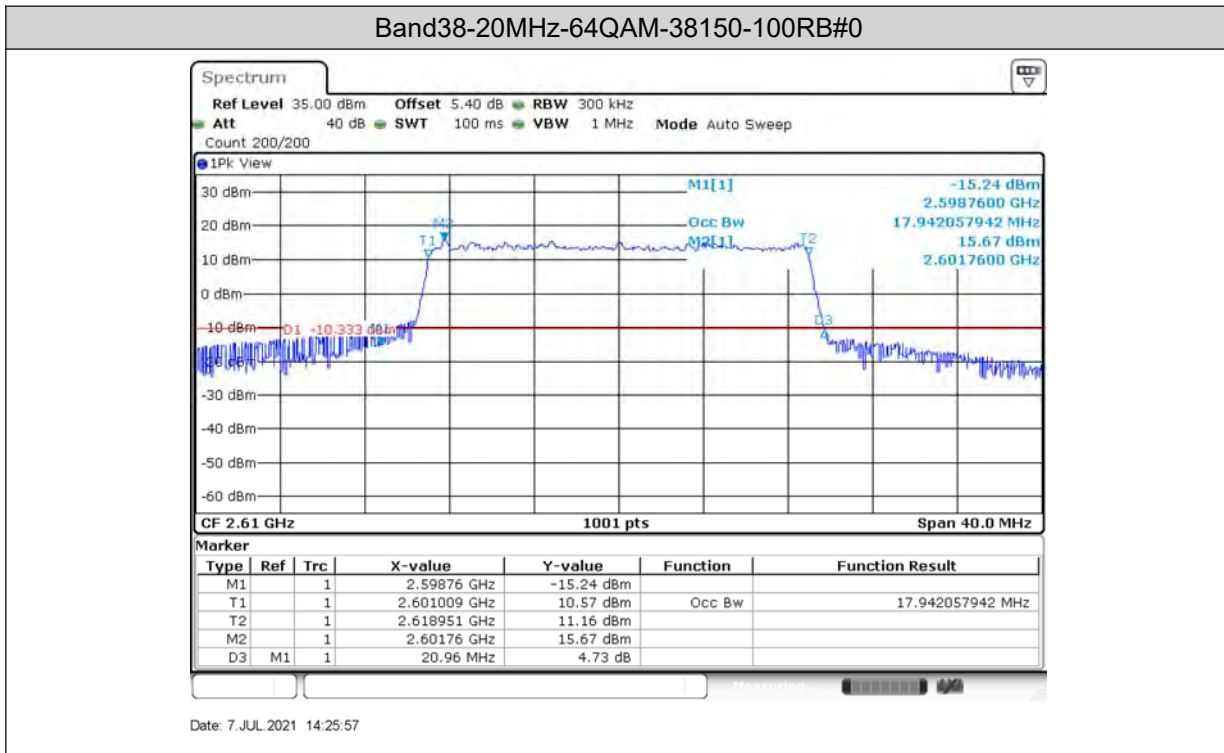
**Band38-20MHz-64QAM-38000-100RB#0**



Date: 7.JUL.2021 14:25:19



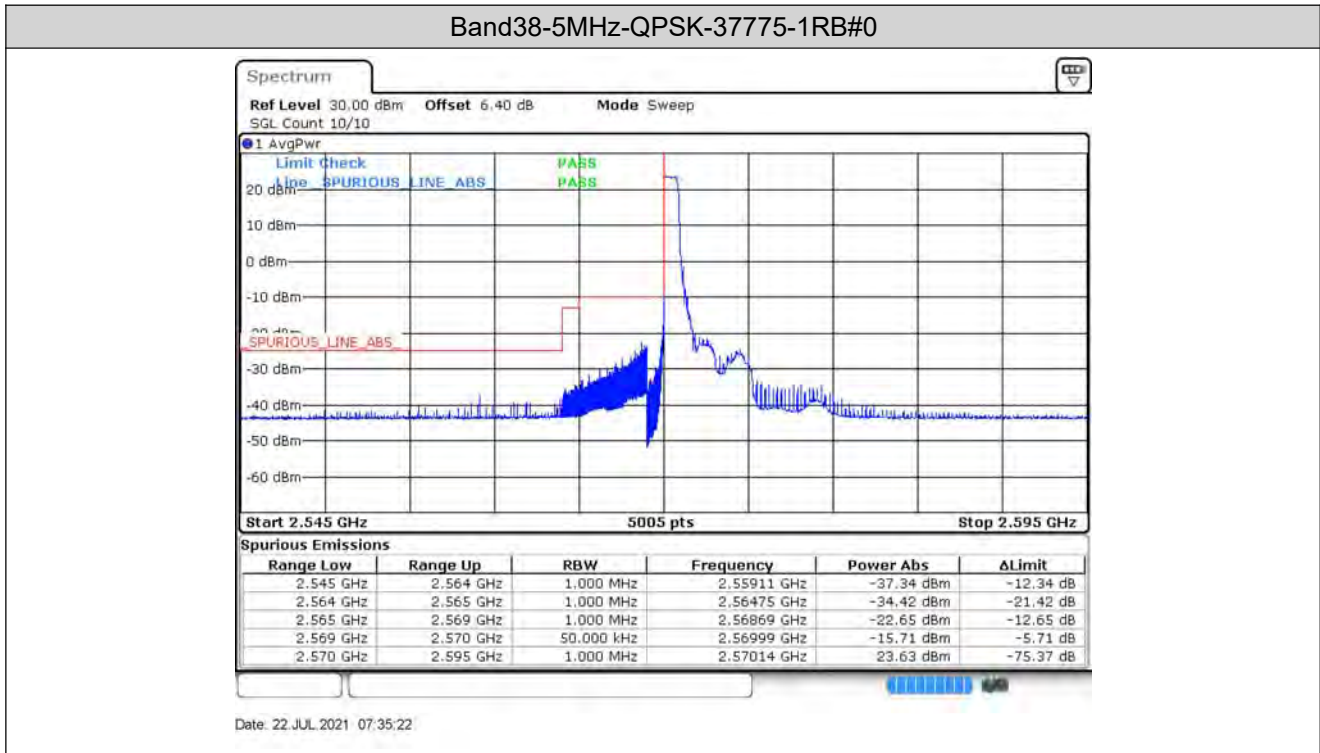
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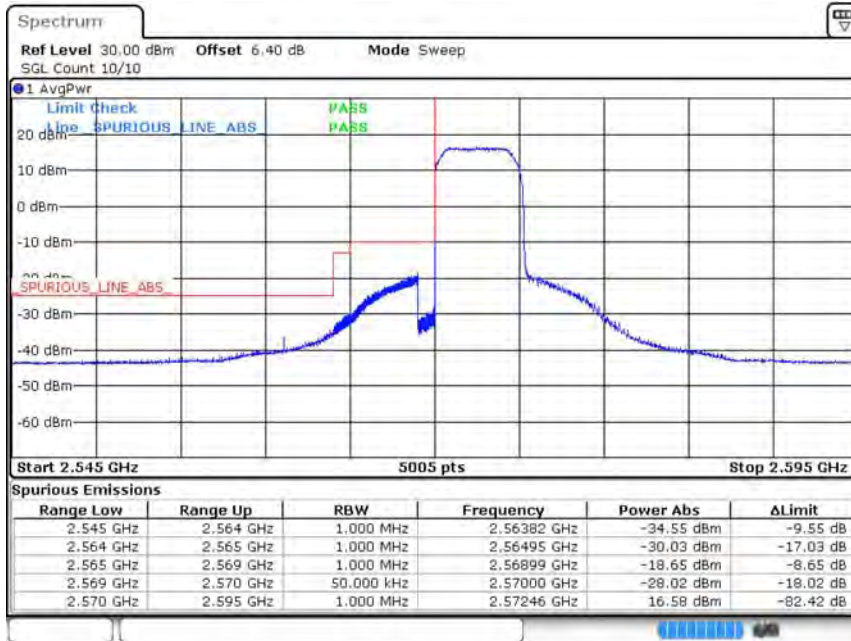
## 5. Band Edge Compliance

### 5.1. Test Plots



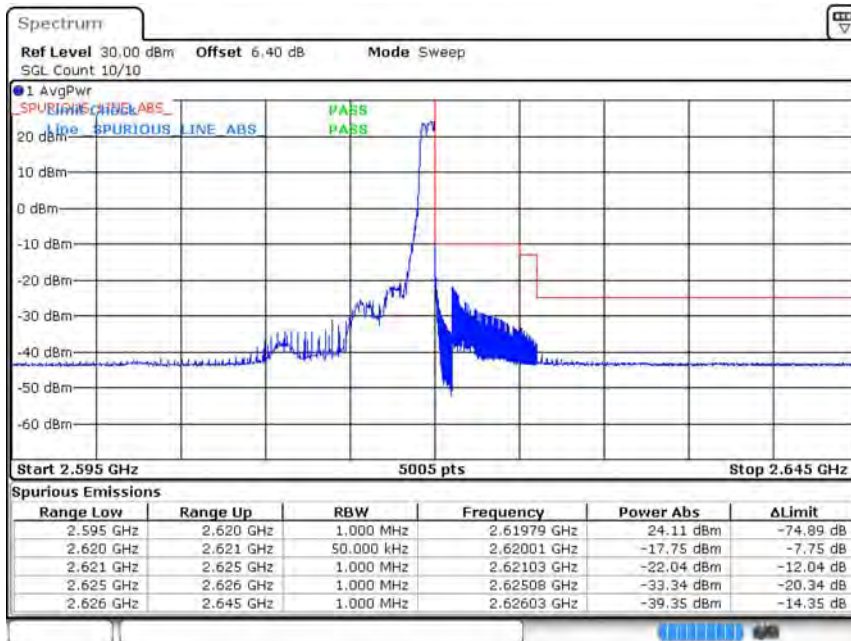
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**Band38-5MHz-QPSK-37775-25RB#0**



Date: 22 JUL 2021 07:36:09

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



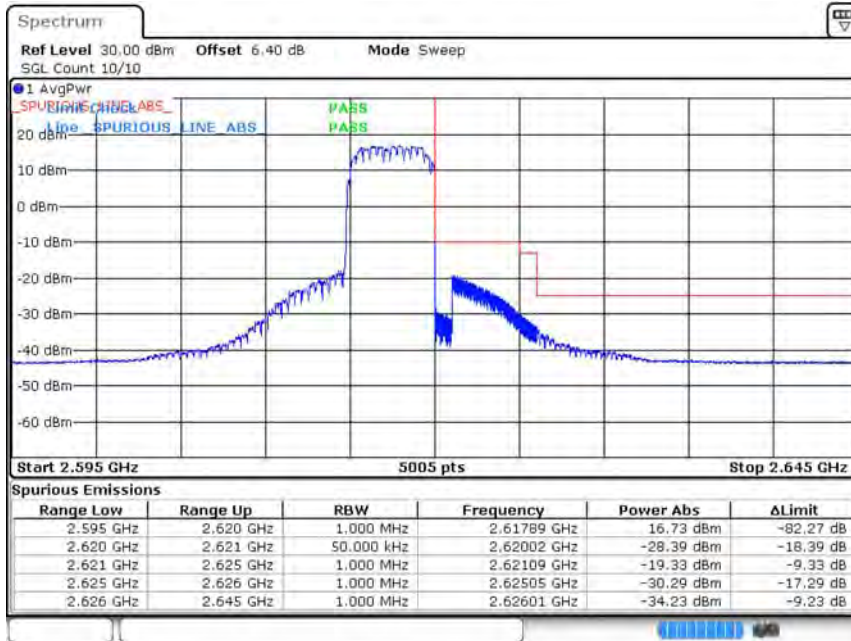
Date: 22 JUL 2021 07:37:22



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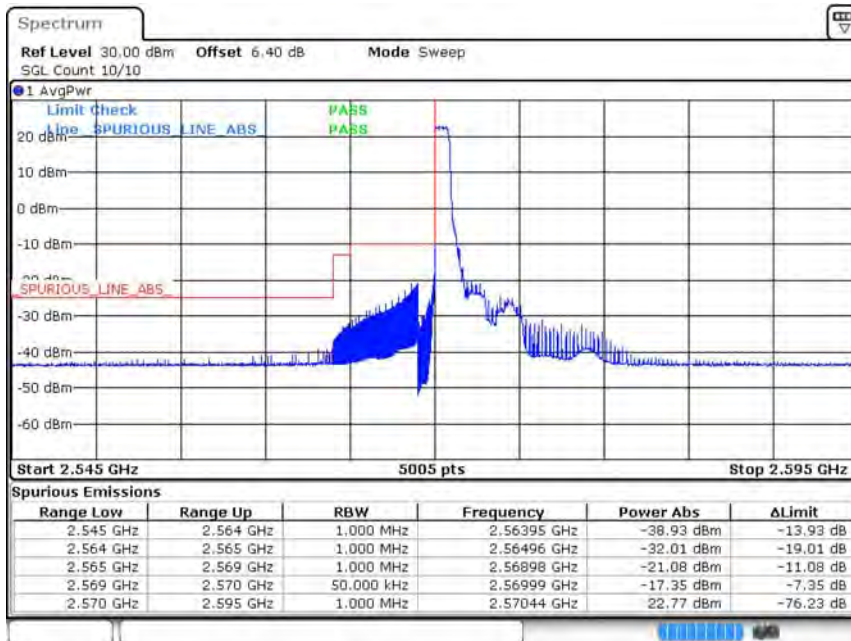


Band38-5MHz-QPSK-38225-25RB#0



Date: 22 JUL 2021 07:38:09

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



Date: 22 JUL 2021 07:35:45

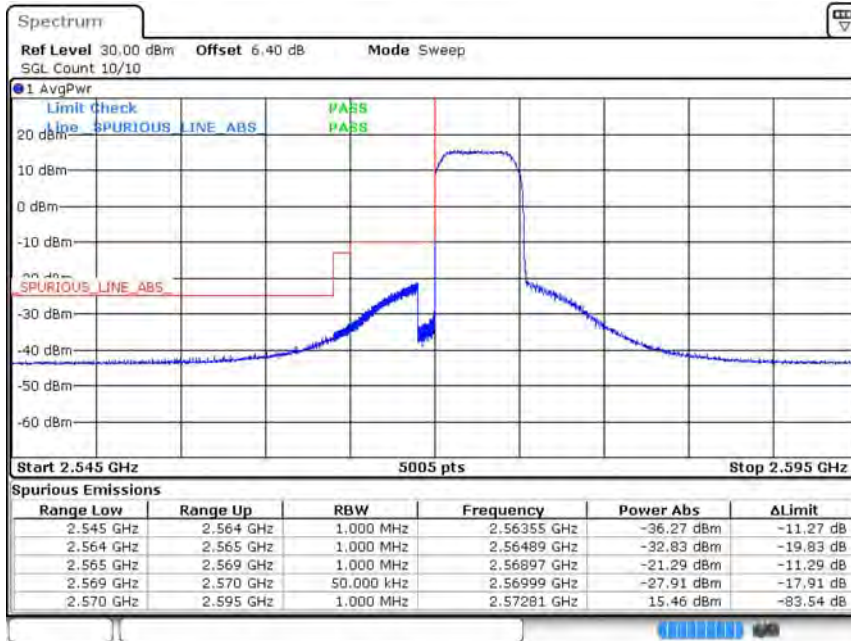


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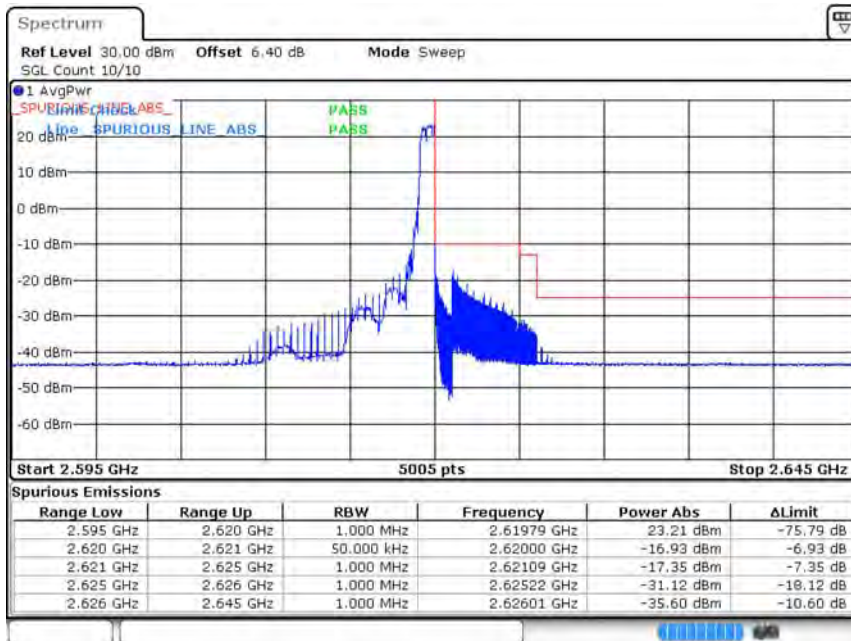
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Band38-5MHz-16QAM-37775-25RB#0



Date: 22 JUL 2021 07:36:31

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



Date: 22 JUL 2021 07:37:45



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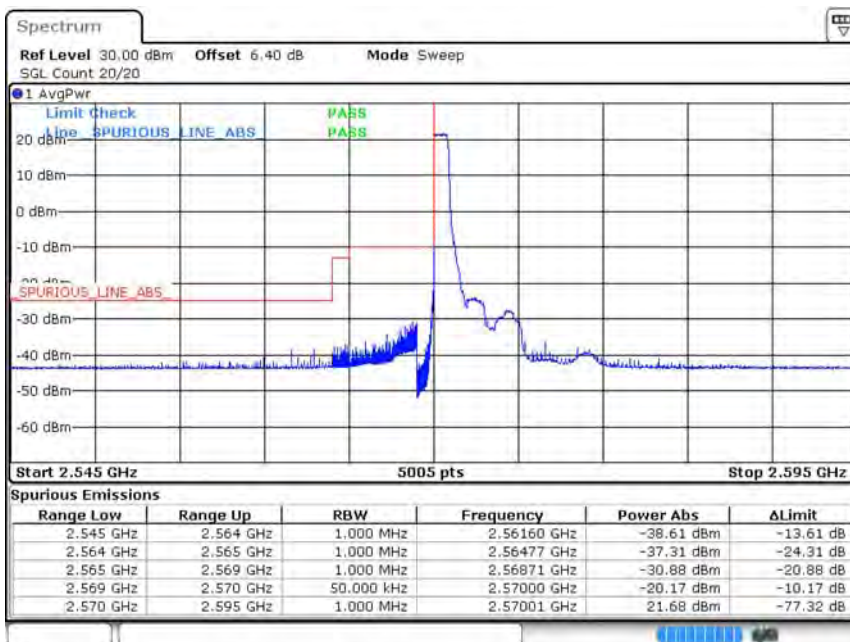
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Band38-5MHz-16QAM-38225-25RB#0



Date: 22 JUL 2021 07:38:33

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



Date: 22 JUL 2021 08:19:52



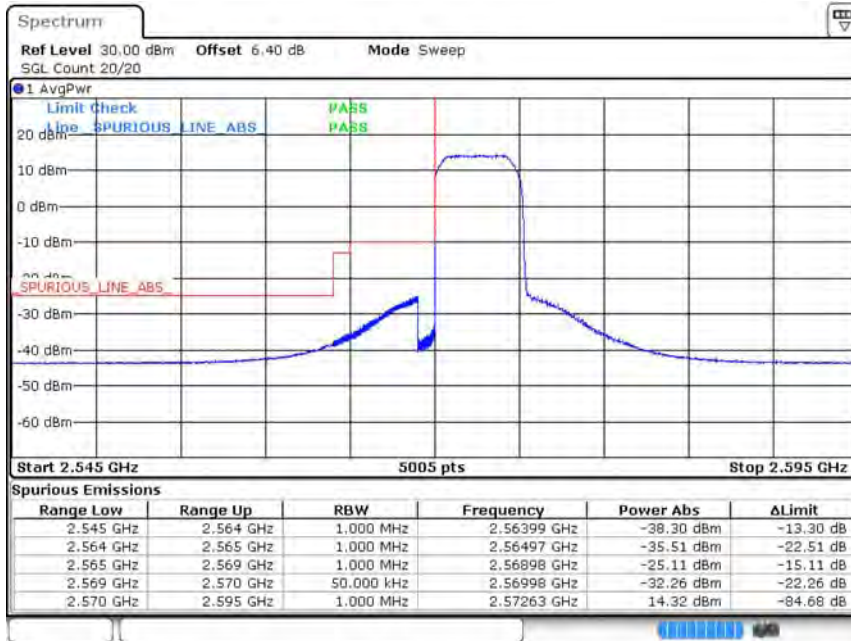
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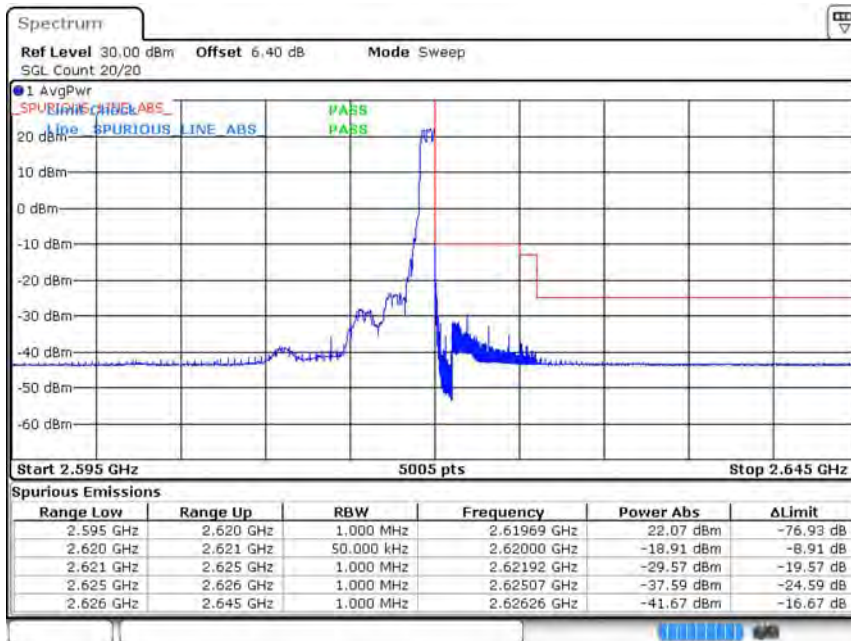
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**Band38-5MHz-64QAM-37775-25RB#0**



Date: 22 JUL 2021 08:20:15

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



Date: 22 JUL 2021 08:21:01

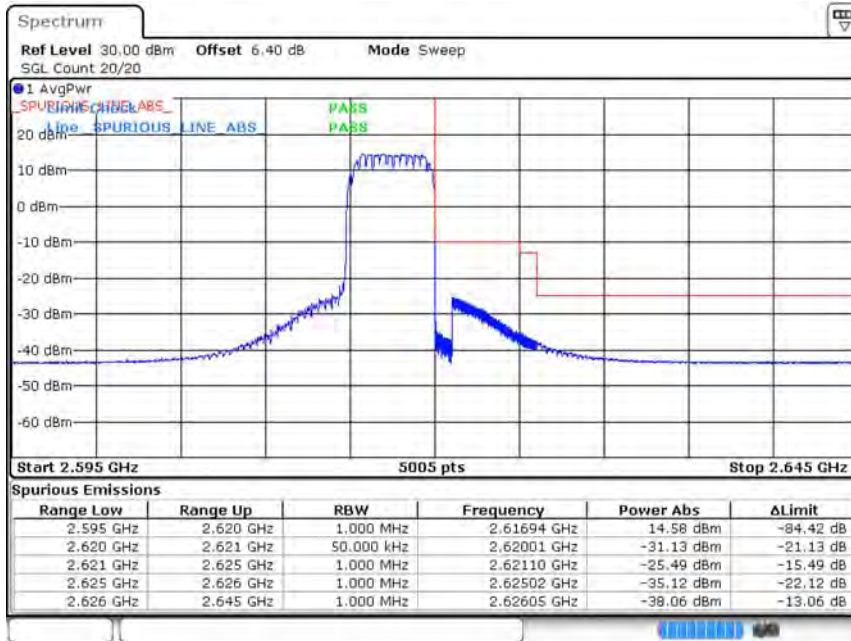


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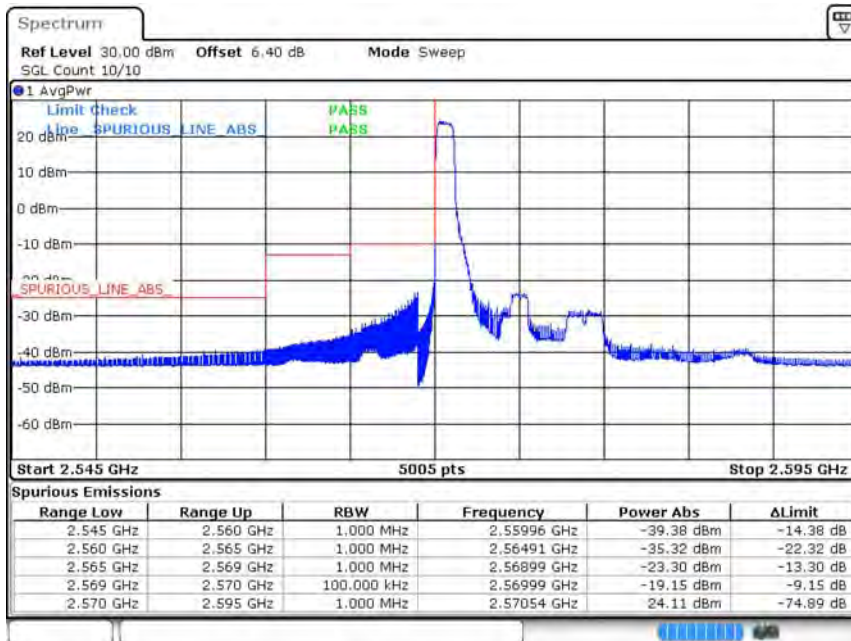
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**Band38-5MHz-64QAM-38225-25RB#0**



Date: 22 JUL 2021 08:21:26

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

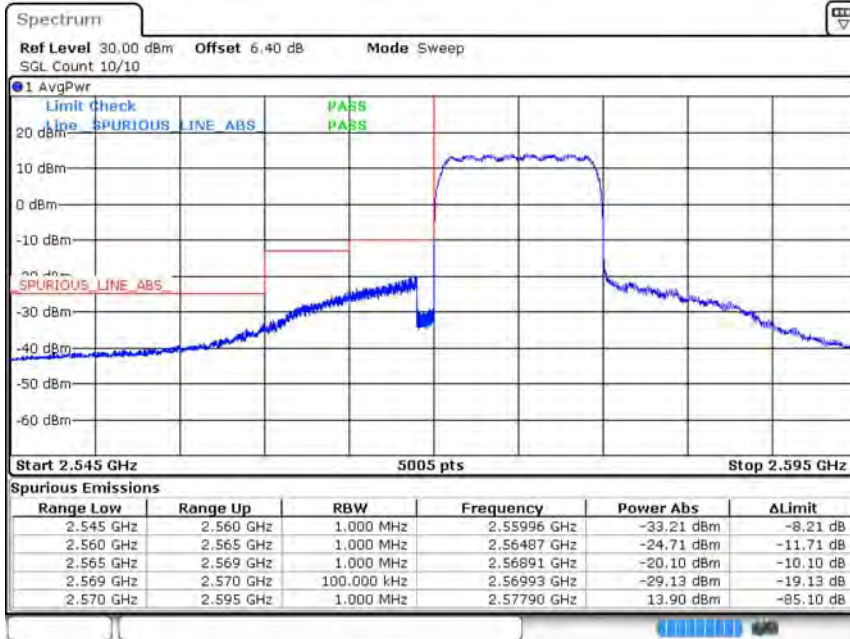


Date: 22 JUL 2021 07:39:34



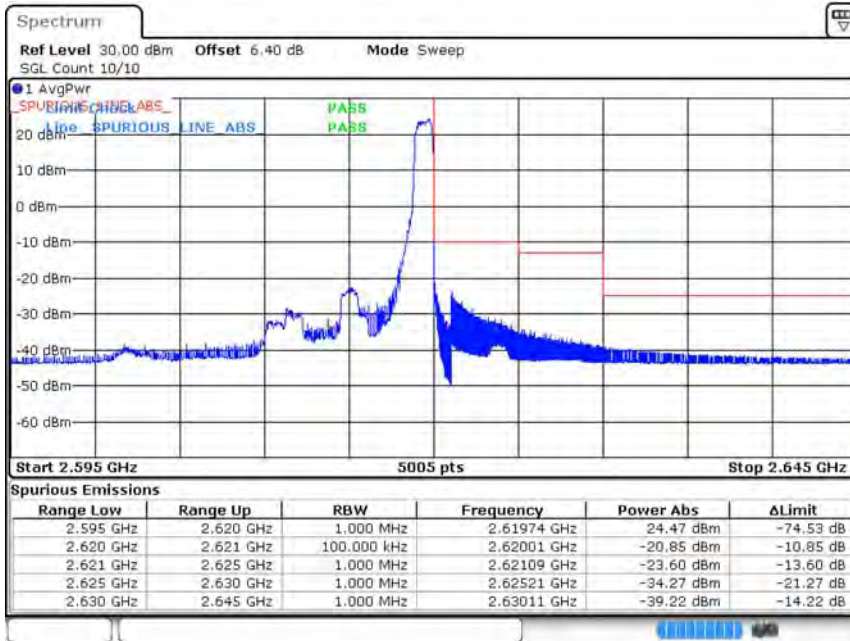
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**Band38-10MHz-QPSK-37800-50RB#0**



Date: 22 JUL 2021 07:40:21

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



Date: 22 JUL 2021 07:41:39



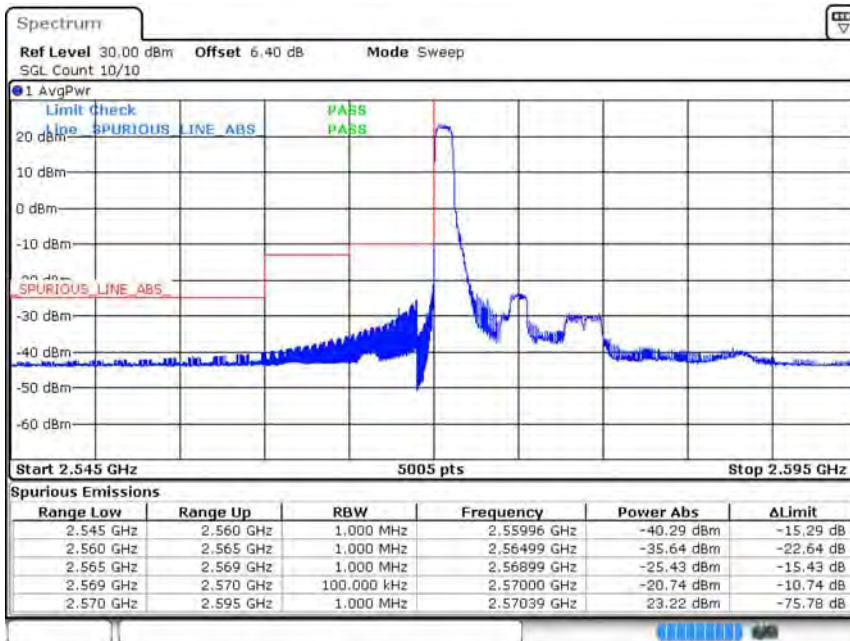
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**Band38-10MHz-QPSK-38200-50RB#0**



Date: 22 JUL 2021 07:42:28

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



Date: 22 JUL 2021 07:39:57

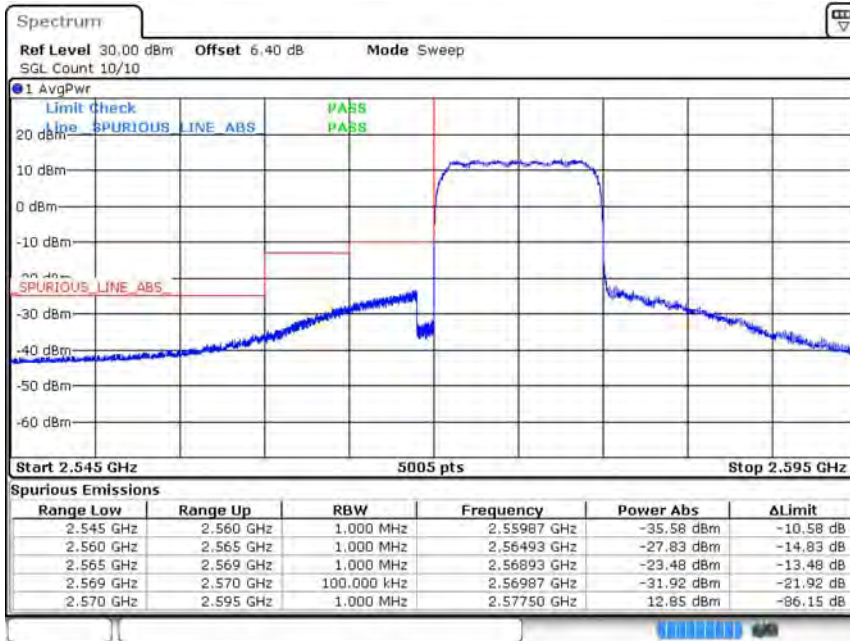


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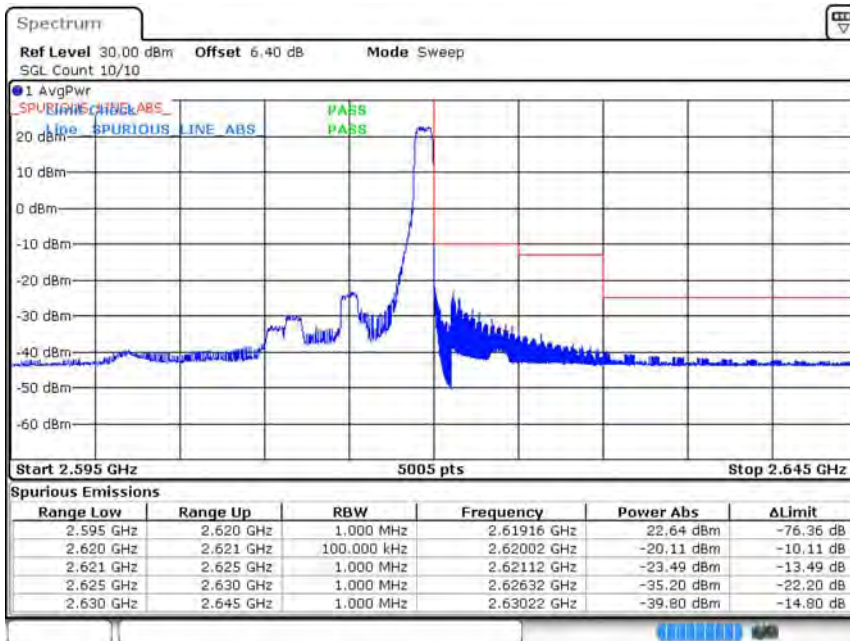
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**Band38-10MHz-16QAM-37800-50RB#0**



Date: 22 JUL 2021 07:40:43

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



Date: 22 JUL 2021 07:42:04



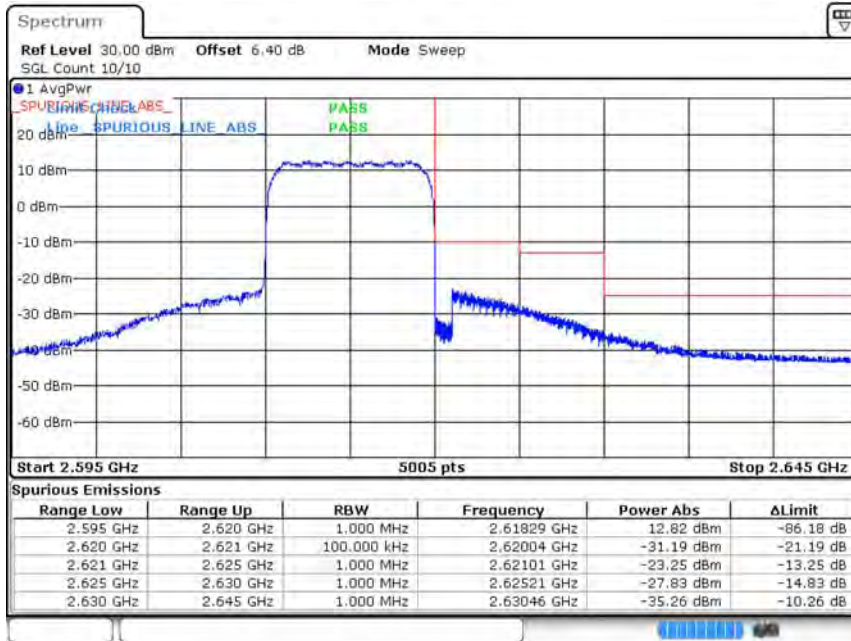
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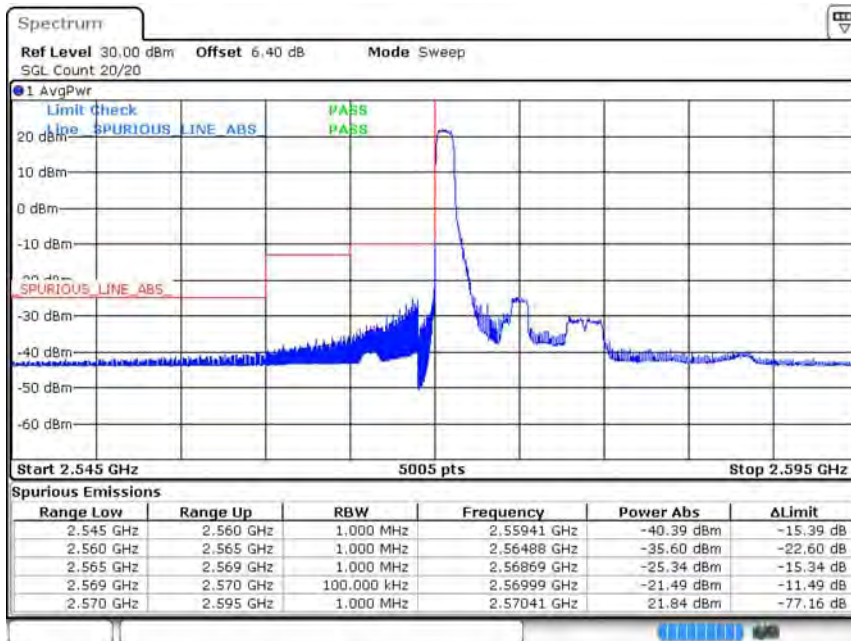


**Band38-10MHz-16QAM-38200-50RB#0**



Date: 22 JUL 2021 07:42:50

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



Date: 22 JUL 2021 08:22:14

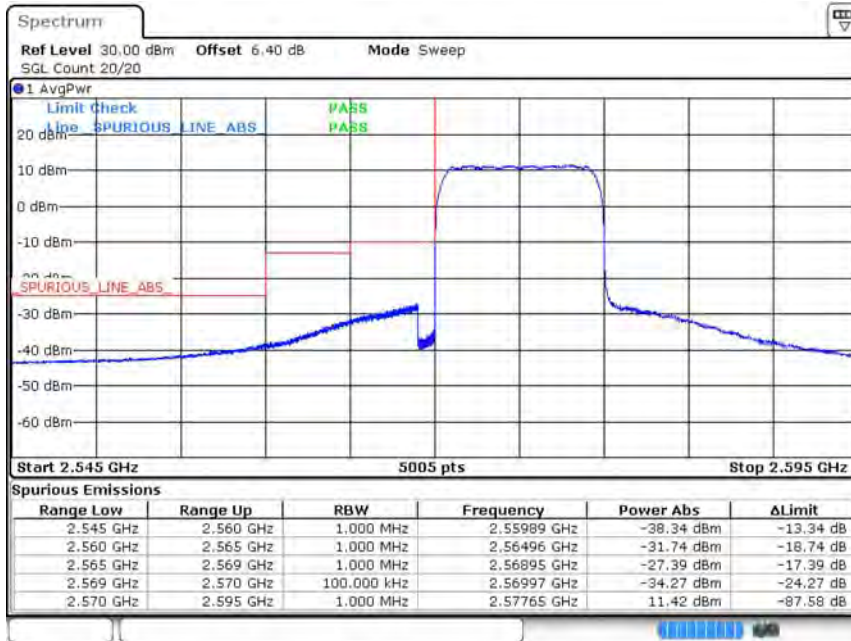


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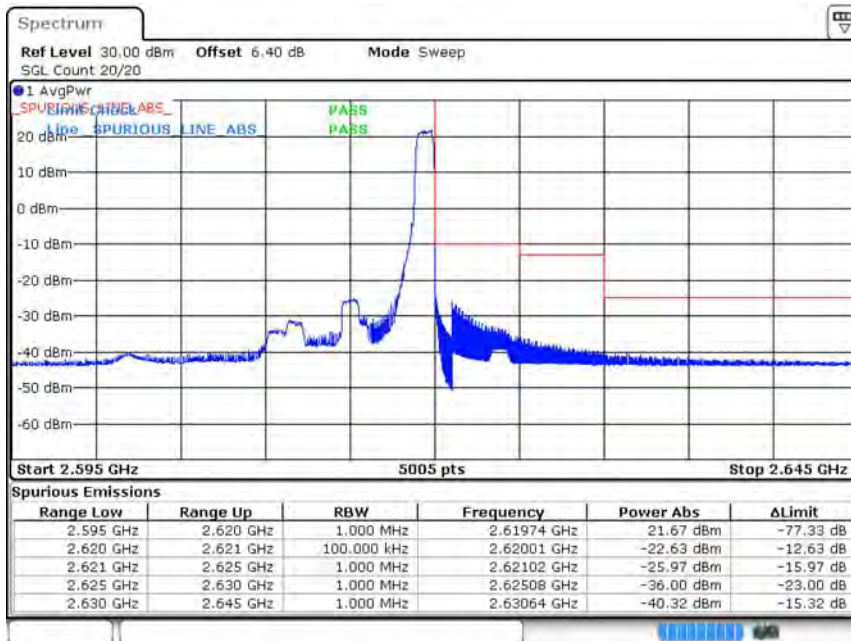
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**Band38-10MHz-64QAM-37800-50RB#0**



Date: 22 JUL 2021 08:22:37

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

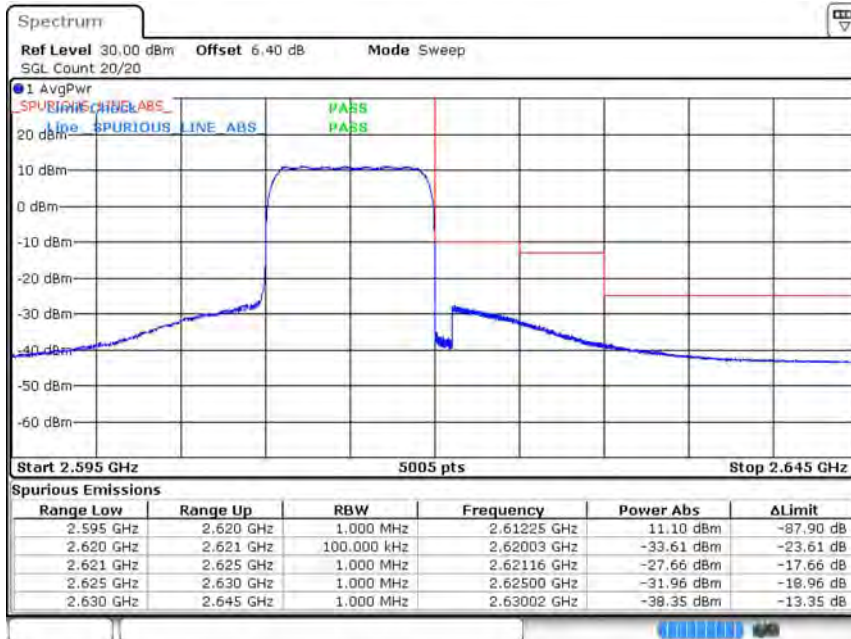


Date: 22 JUL 2021 08:23:24



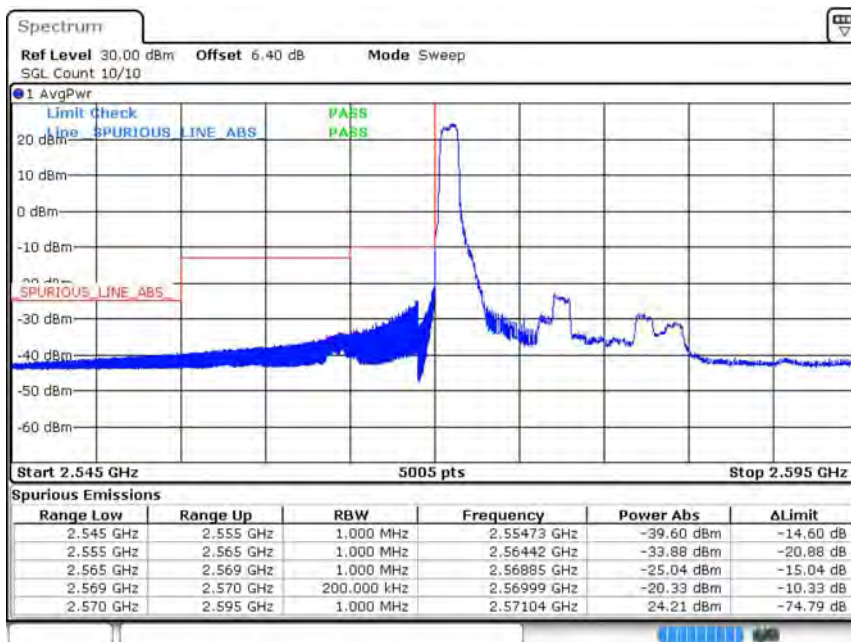
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**Band38-10MHz-64QAM-38200-50RB#0**



Date: 22 JUL 2021 08:23:48

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

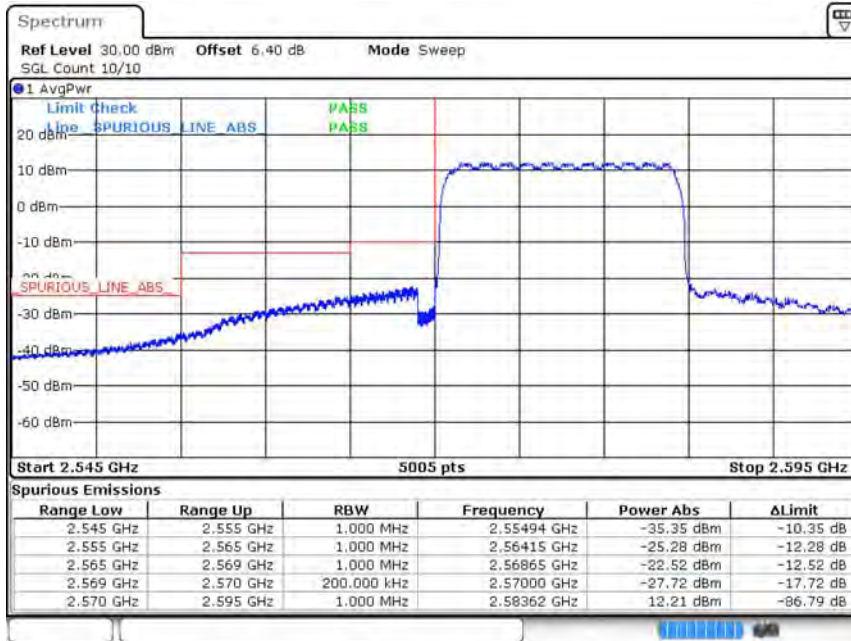


Date: 22 JUL 2021 07:43:51



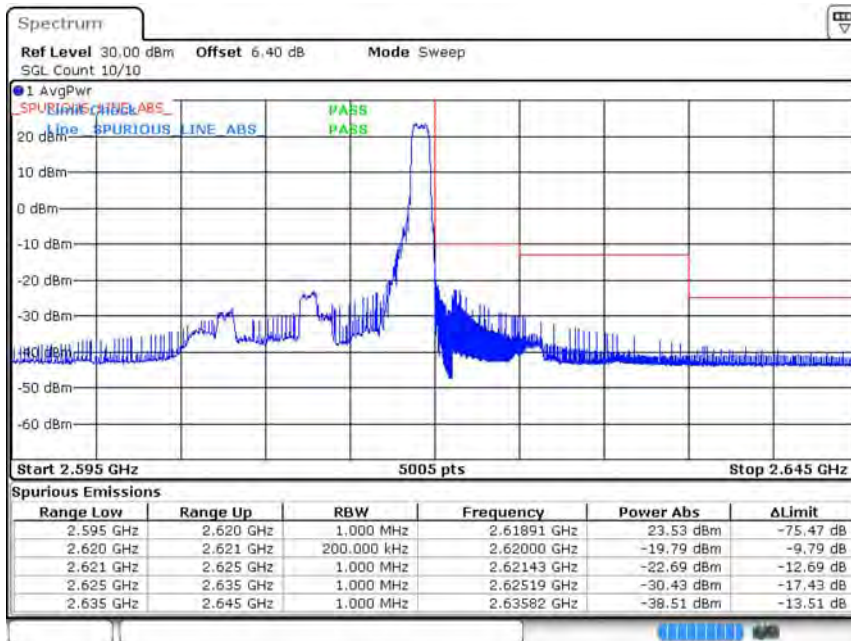
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Band38-15MHz-QPSK-37825-75RB#0



Date: 22 JUL 2021 07:44:40

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



Date: 22 JUL 2021 07:49:34

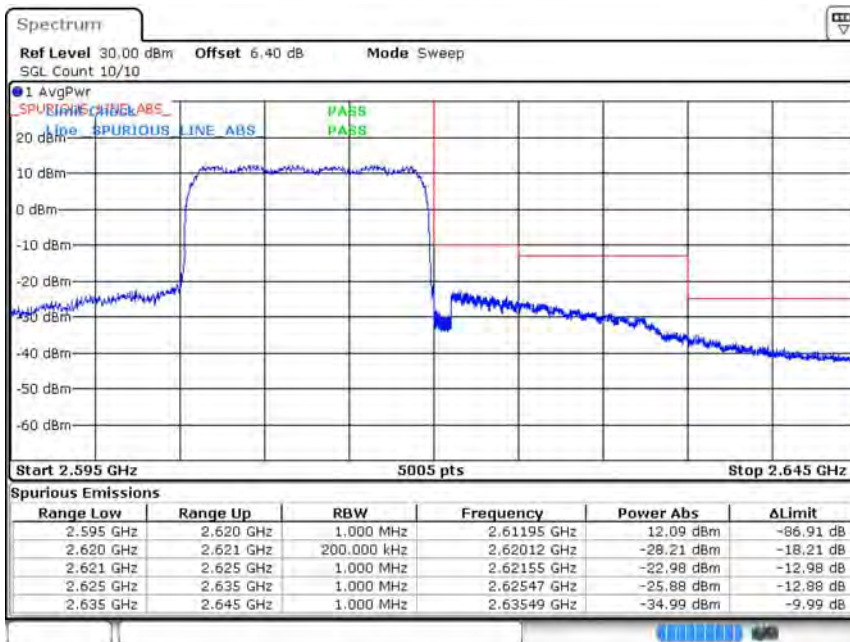


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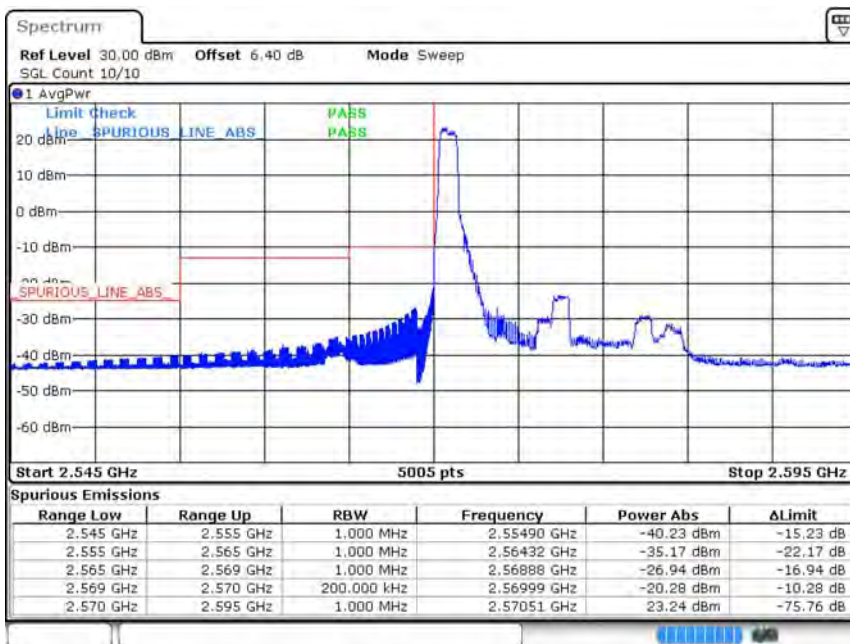
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**Band38-15MHz-QPSK-38175-75RB#0**



Date: 22 JUL 2021 07:50:22

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

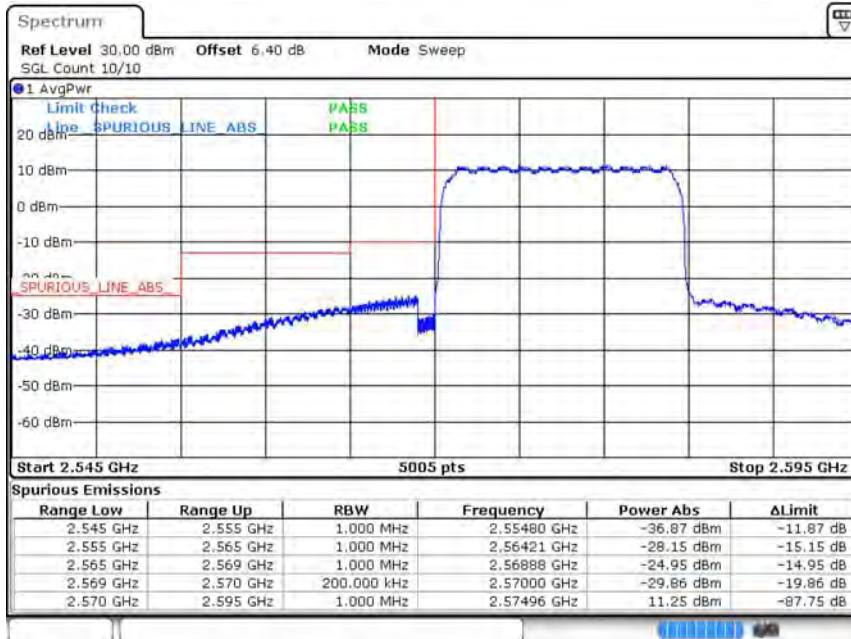


Date: 22 JUL 2021 07:44:16



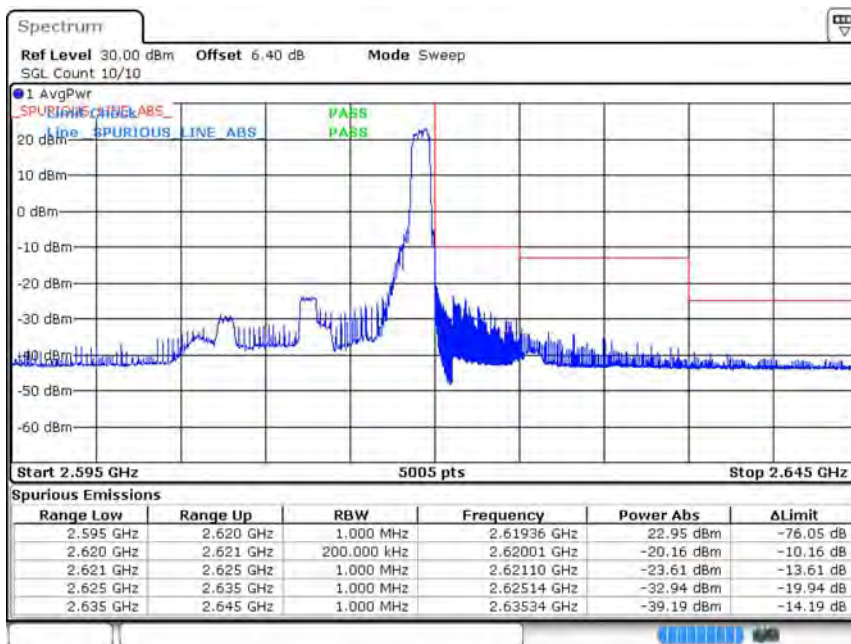
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Band38-15MHz-16QAM-37825-75RB#0



Date: 22 JUL 2021 07:45:02

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



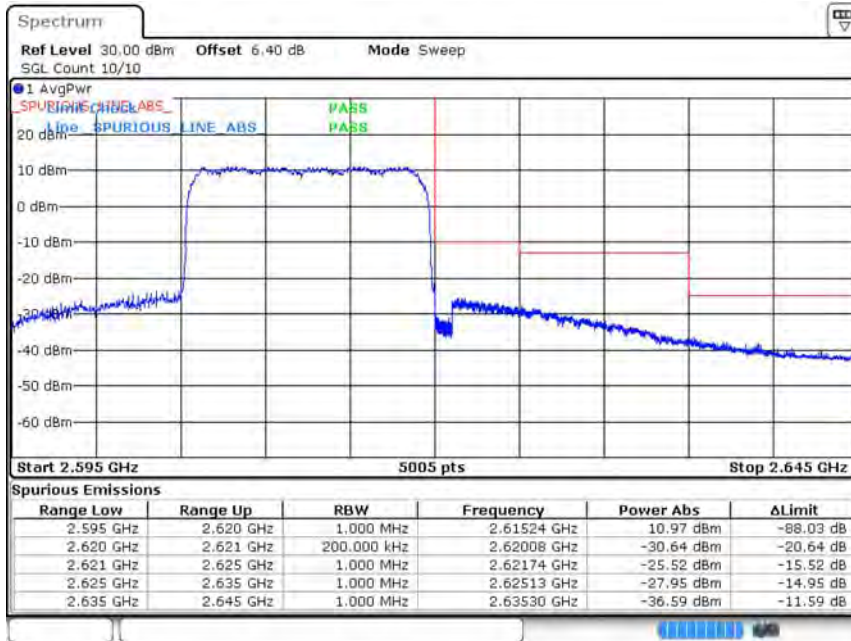
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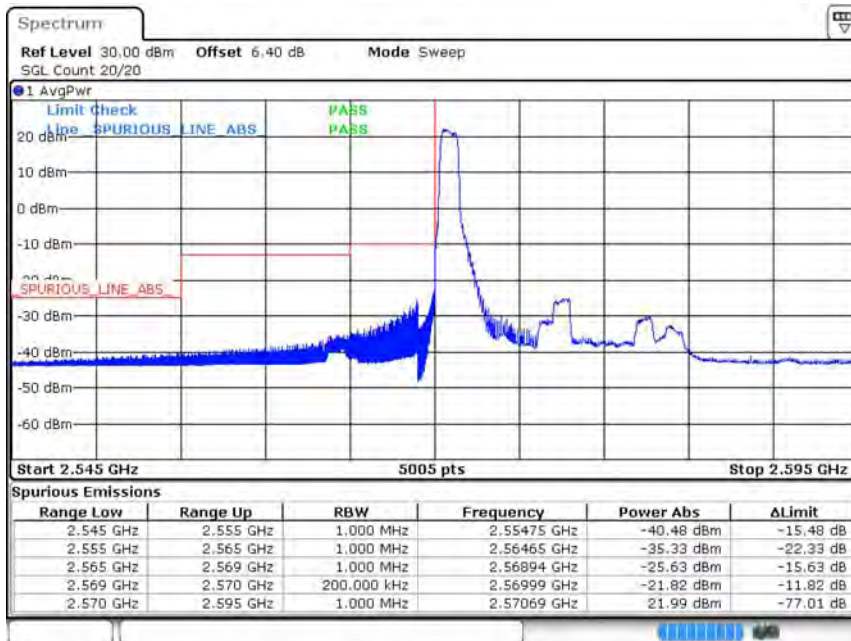
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**Band38-15MHz-16QAM-38175-75RB#0**



Date: 22 JUL 2021 07:50:44

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



Date: 22 JUL 2021 08:24:35

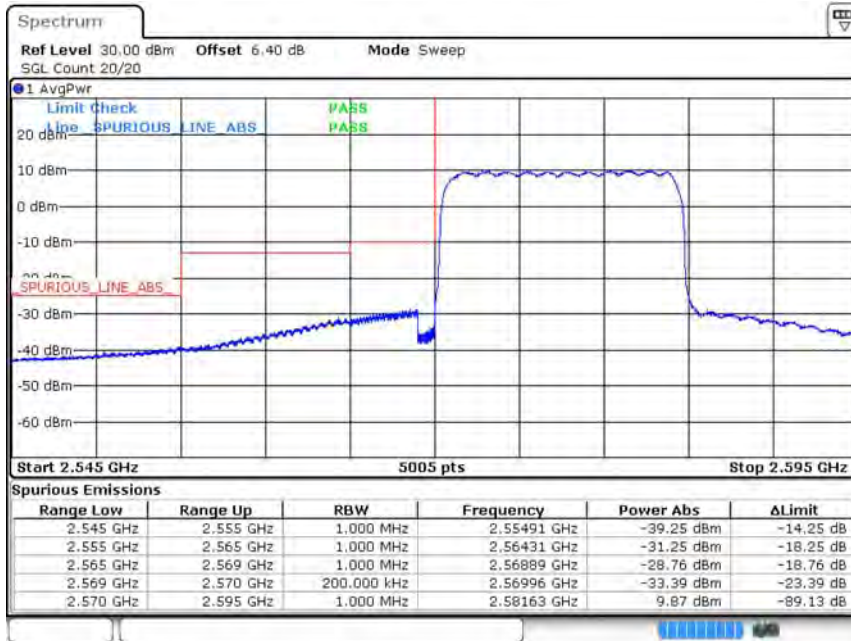


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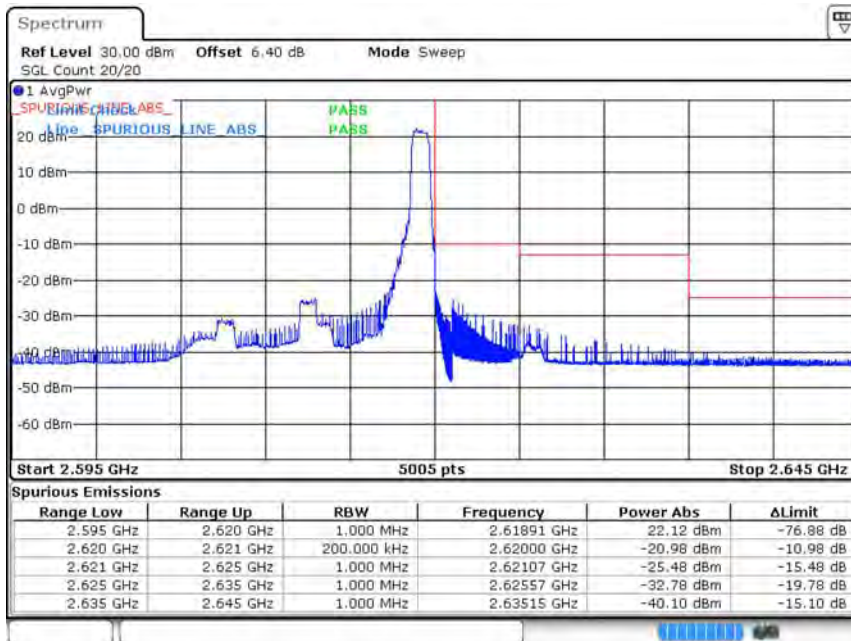
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**Band38-15MHz-64QAM-37825-75RB#0**



Date: 22 JUL 2021 08:25:01

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



Date: 22 JUL 2021 08:25:48



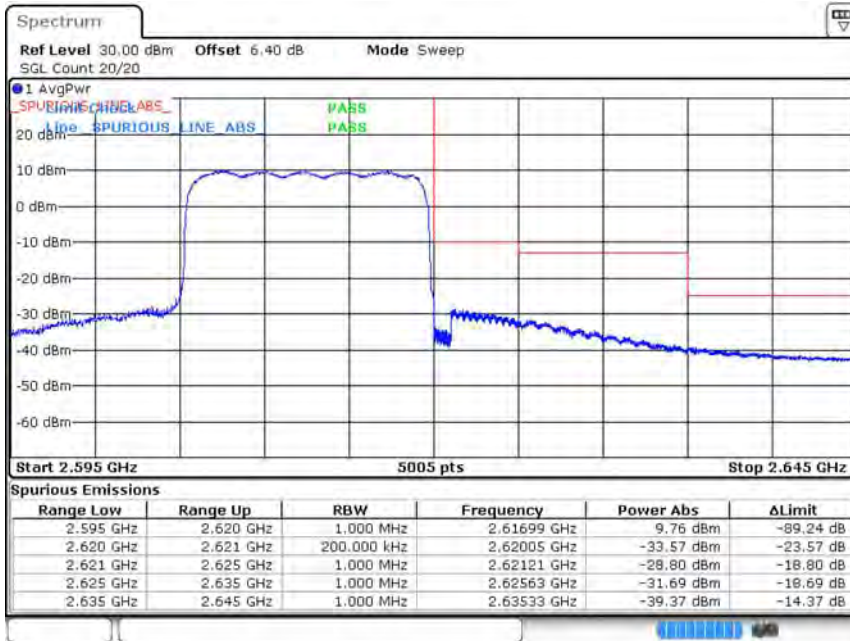
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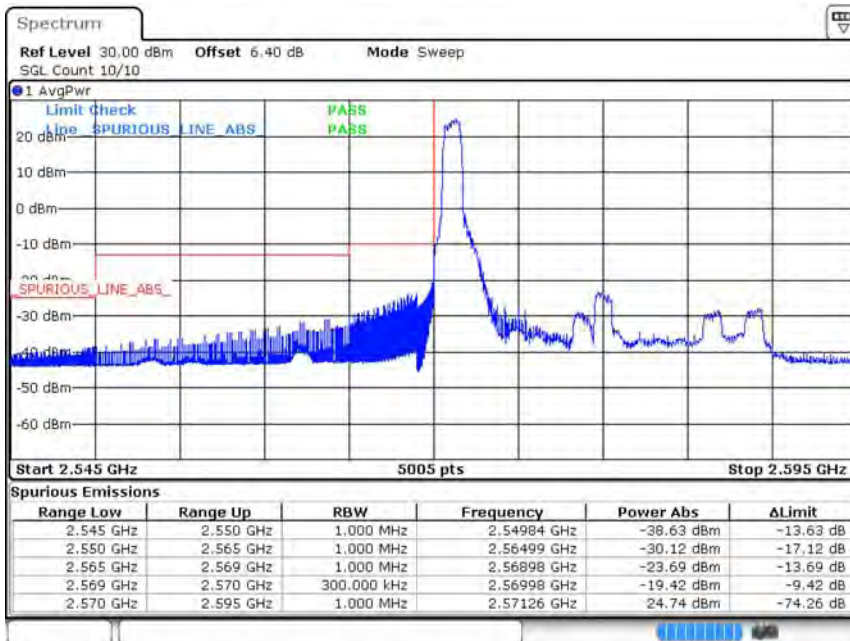


**Band38-15MHz-64QAM-38175-75RB#0**



Date: 22 JUL 2021 08:26:11

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

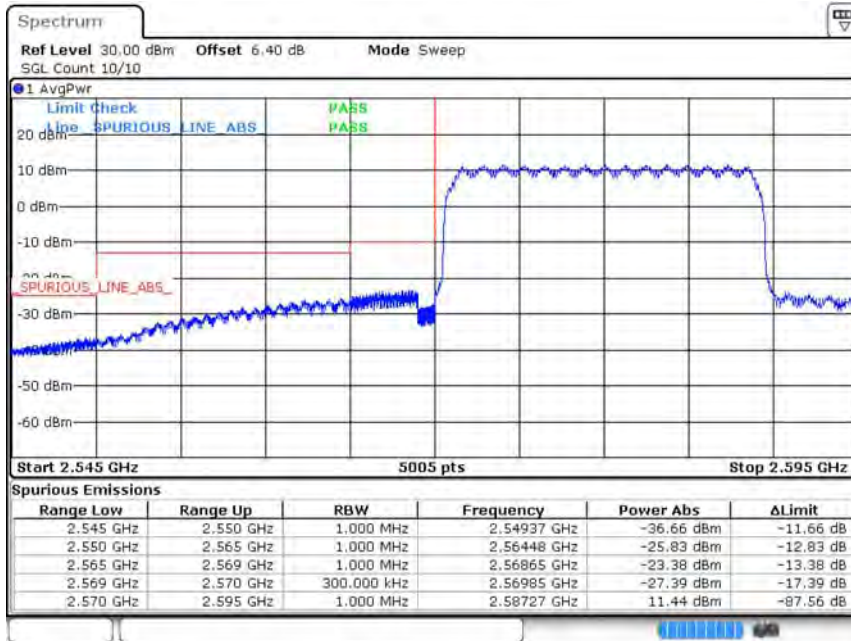


Date: 22 JUL 2021 07:51:41



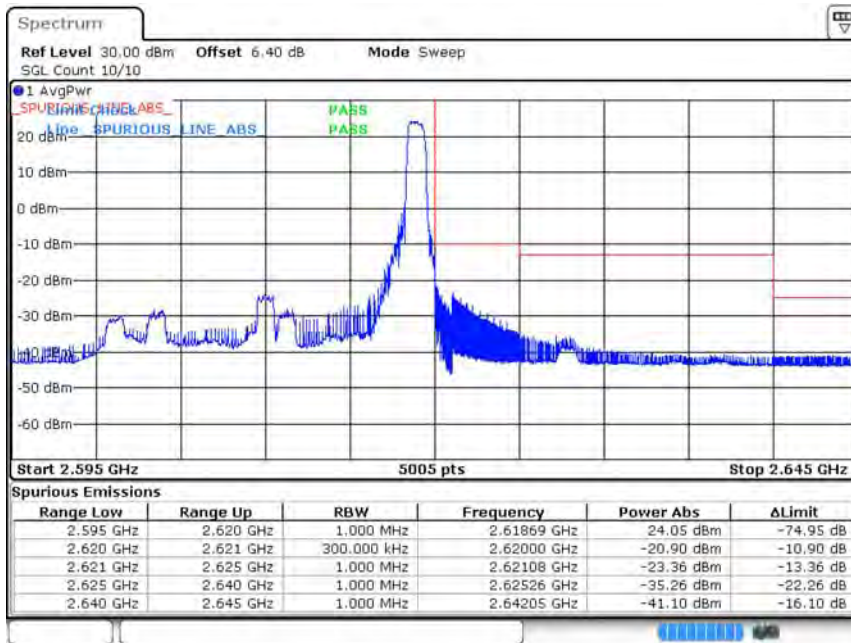
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**Band38-20MHz-QPSK-37850-100RB#0**



Date: 22 JUL 2021 07:52:29

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

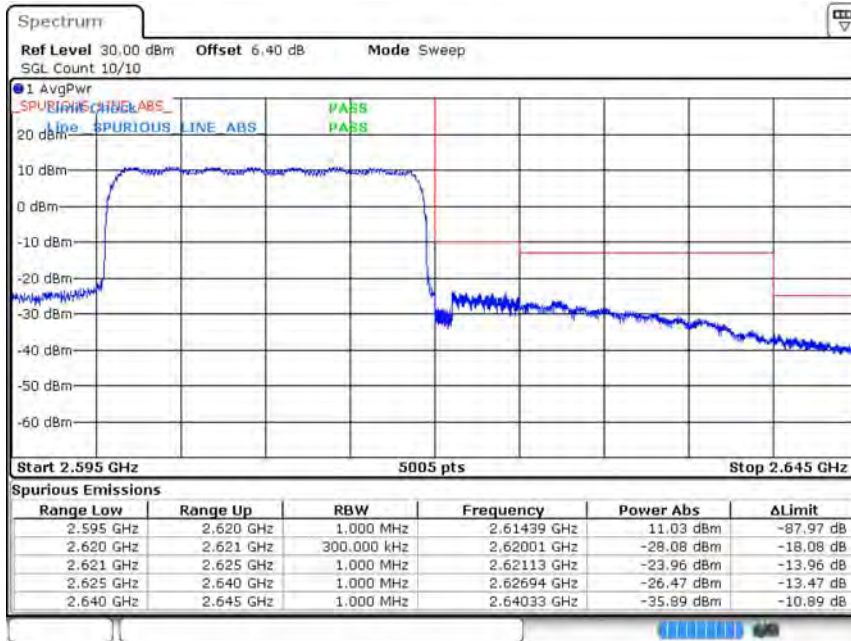


Date: 22 JUL 2021 07:53:47



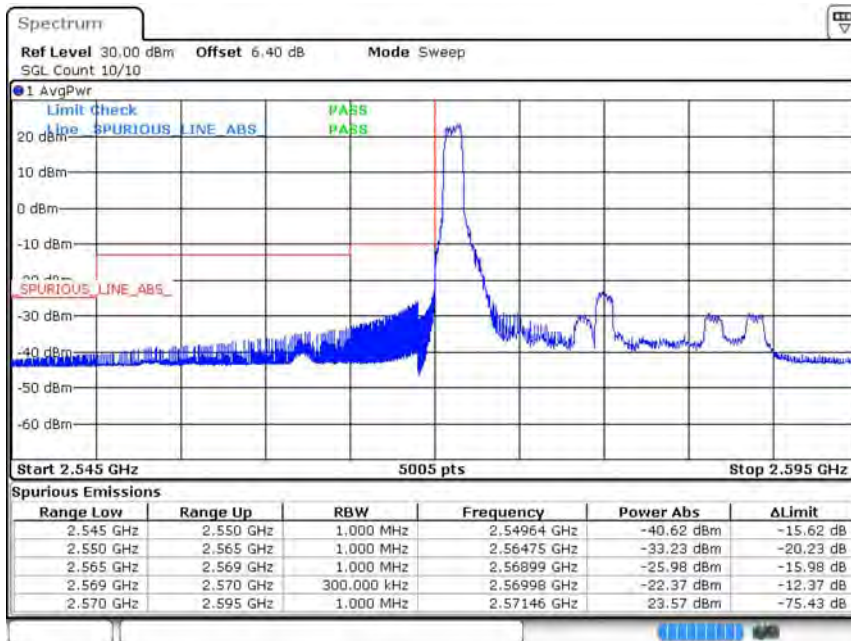
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**Band38-20MHz-QPSK-38150-100RB#0**



Date: 22 JUL 2021 07:54:38

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

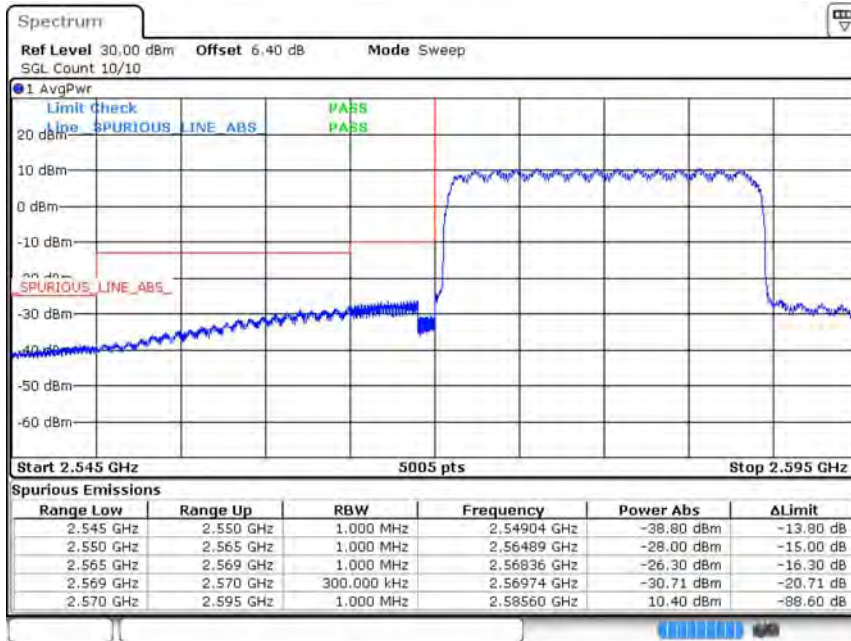


Date: 22 JUL 2021 07:52:05



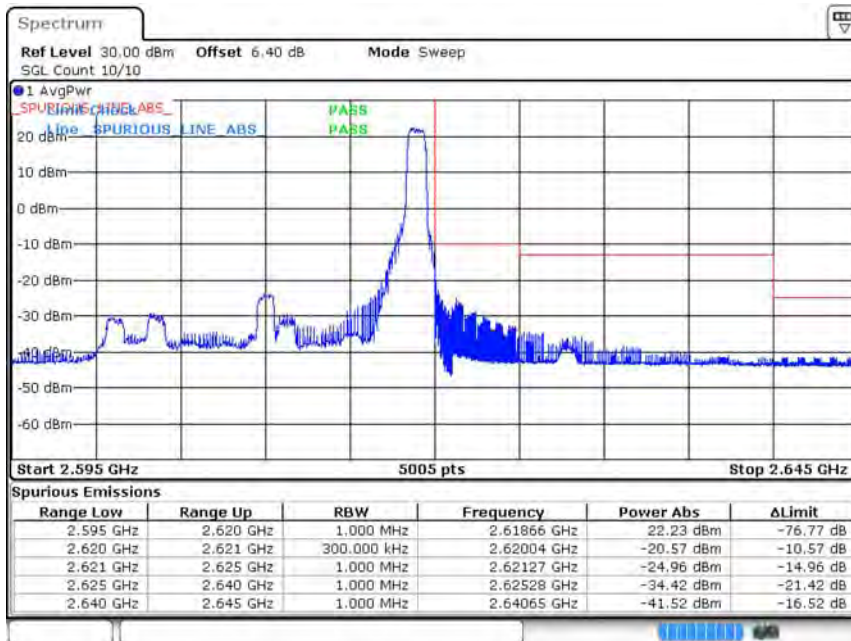
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**Band38-20MHz-16QAM-37850-100RB#0**



Date: 22 JUL 2021 07:52:51

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

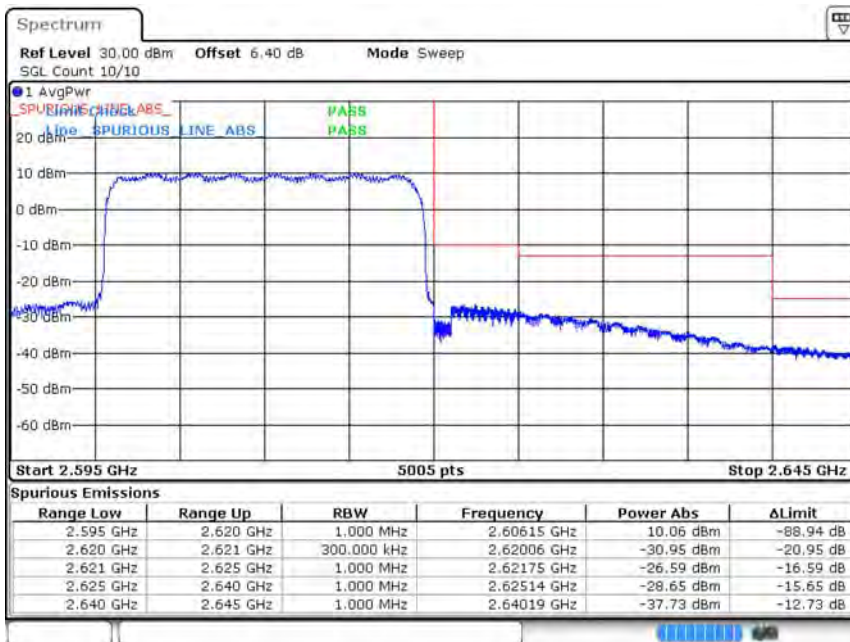


Date: 22 JUL 2021 07:54:14



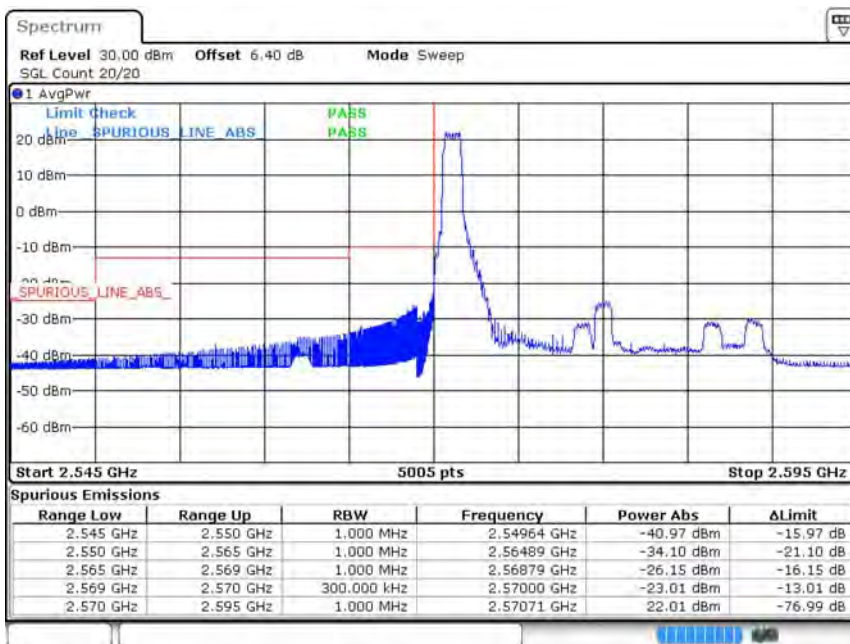
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Band38-20MHz-16QAM-38150-100RB#0



Date: 22 JUL 2021 07:55:00

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

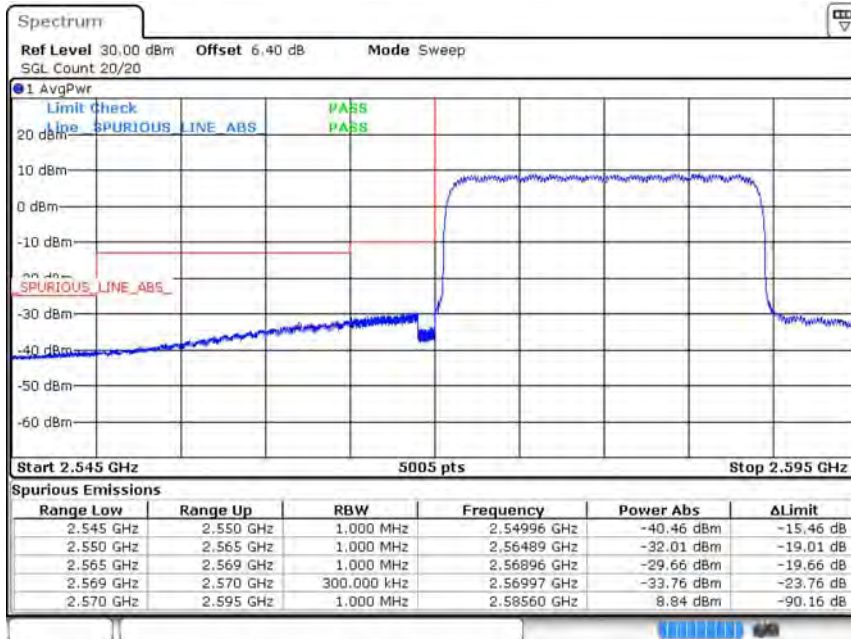


Date: 22 JUL 2021 08:26:56



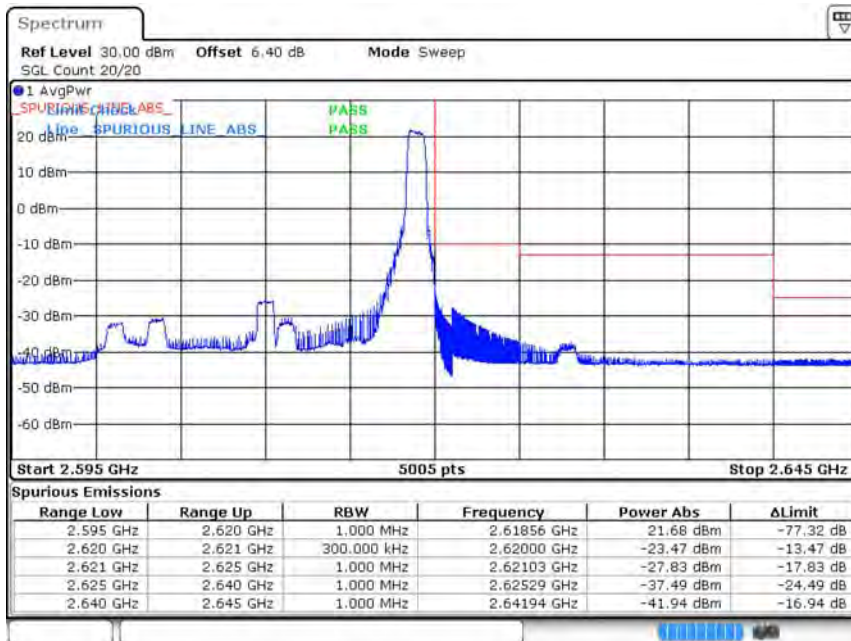
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**Band38-20MHz-64QAM-37850-100RB#0**



Date: 22 JUL 2021 08:27:25

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



Date: 22 JUL 2021 08:28:11



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



Date: 22 JUL 2021 08:28:34



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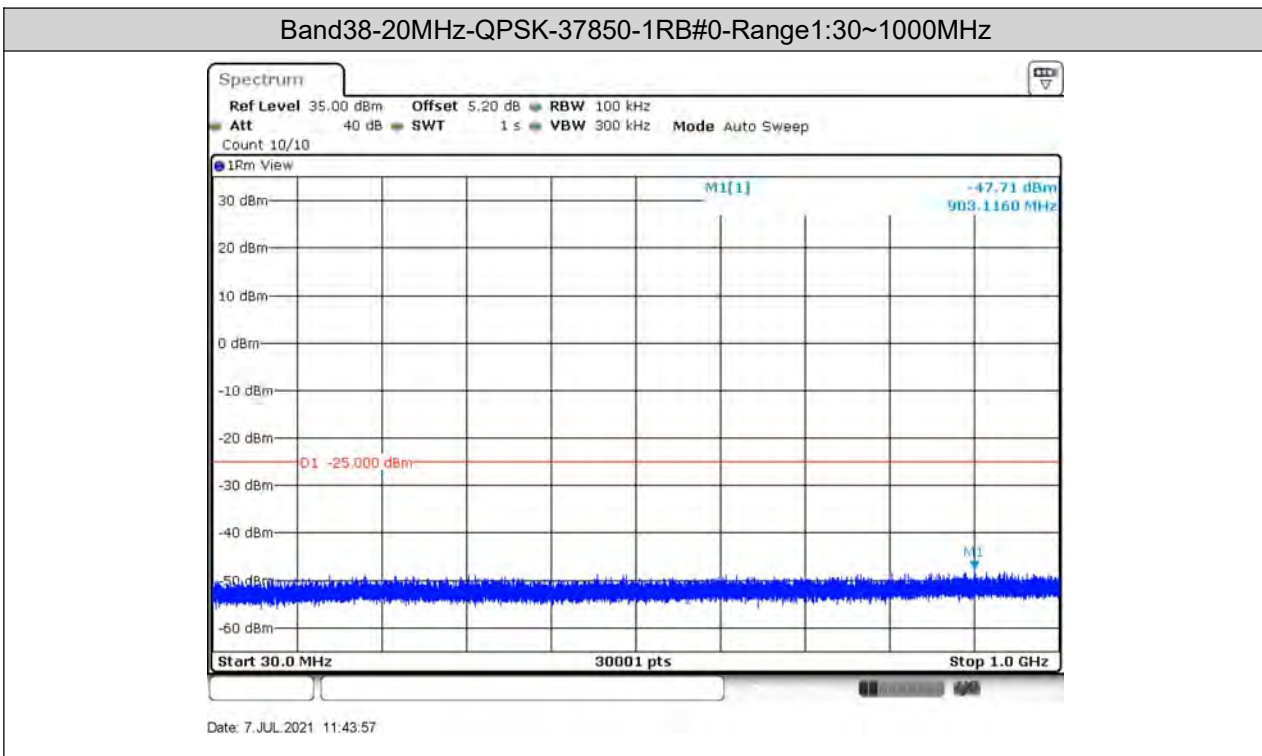
## 6. Spurious Emission at Antenna Terminal

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

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

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

### 6.1. Test Plots



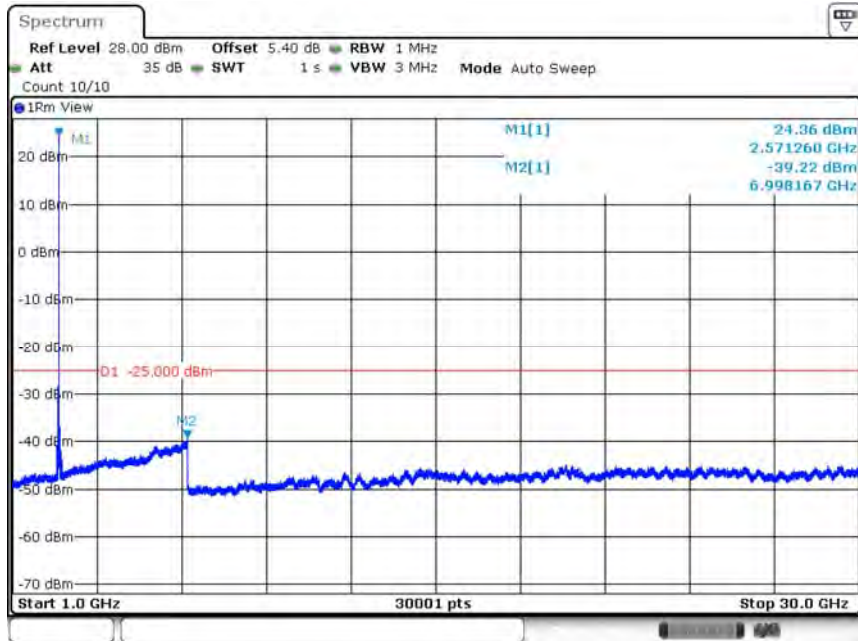
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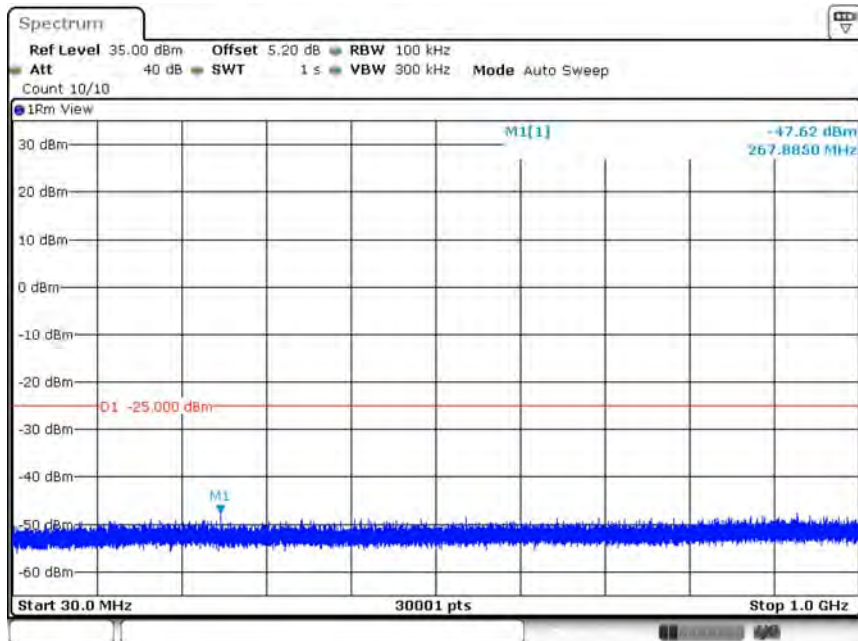


**Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 11:44:14

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

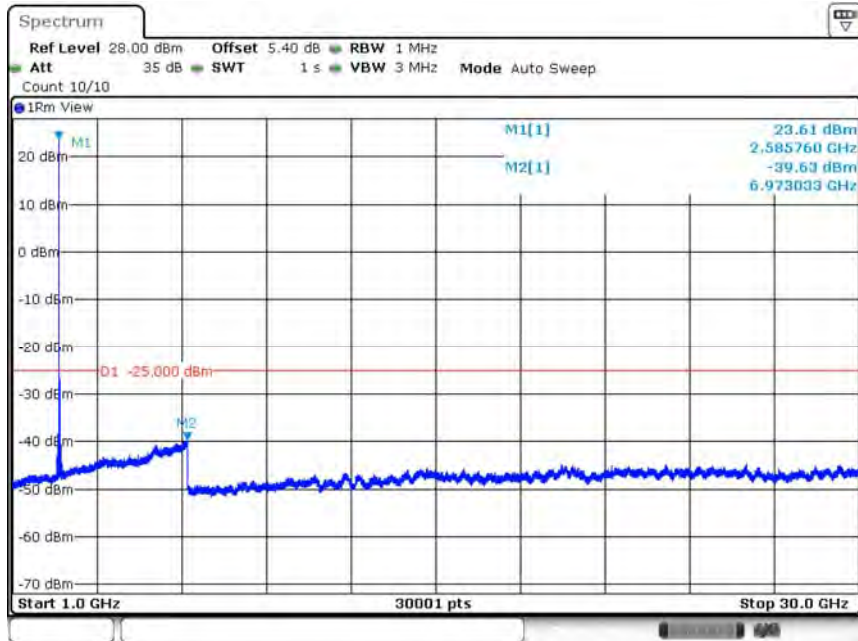


Date: 7.JUL.2021 11:45:20



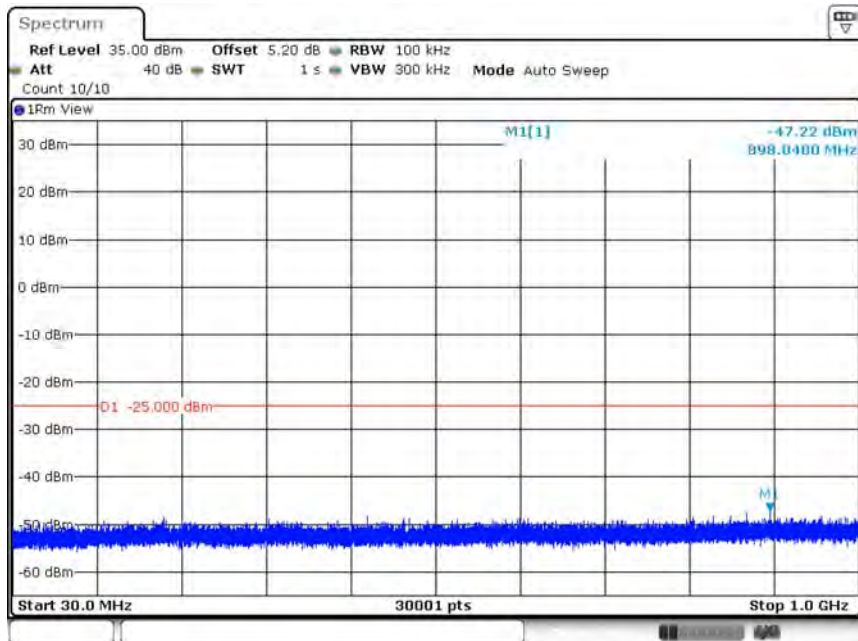
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**Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 11:45:37

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

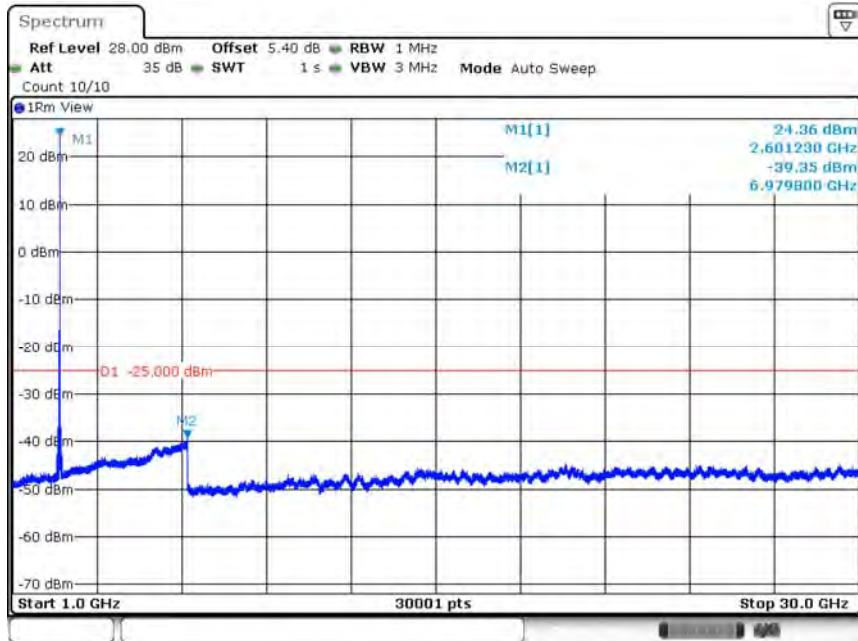


Date: 7.JUL.2021 11:46:44



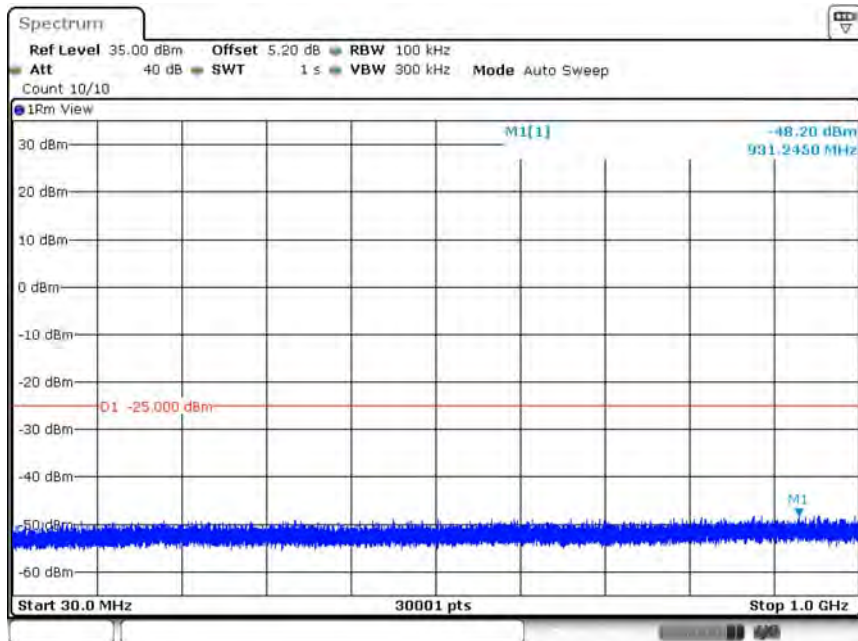
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**Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 11:47:01

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

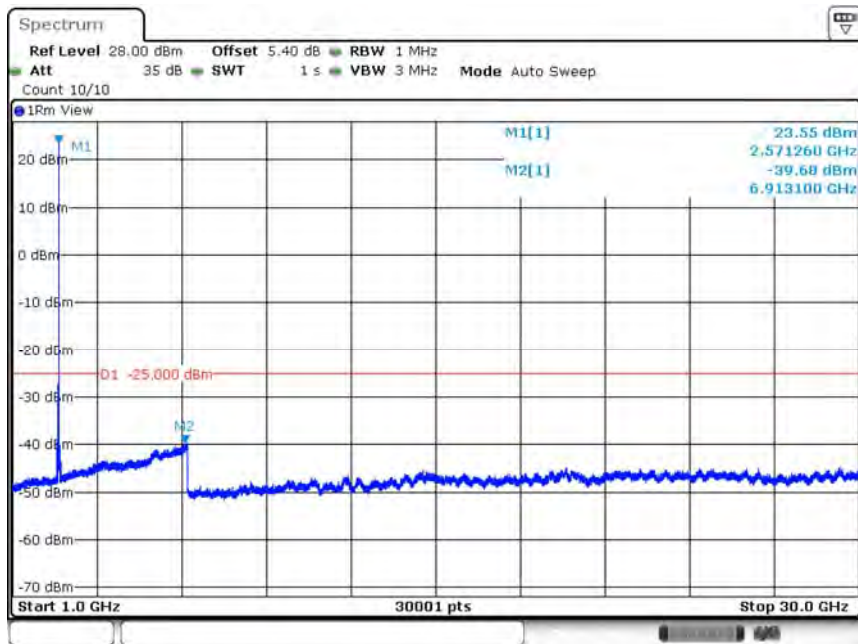


Date: 7.JUL.2021 11:44:38



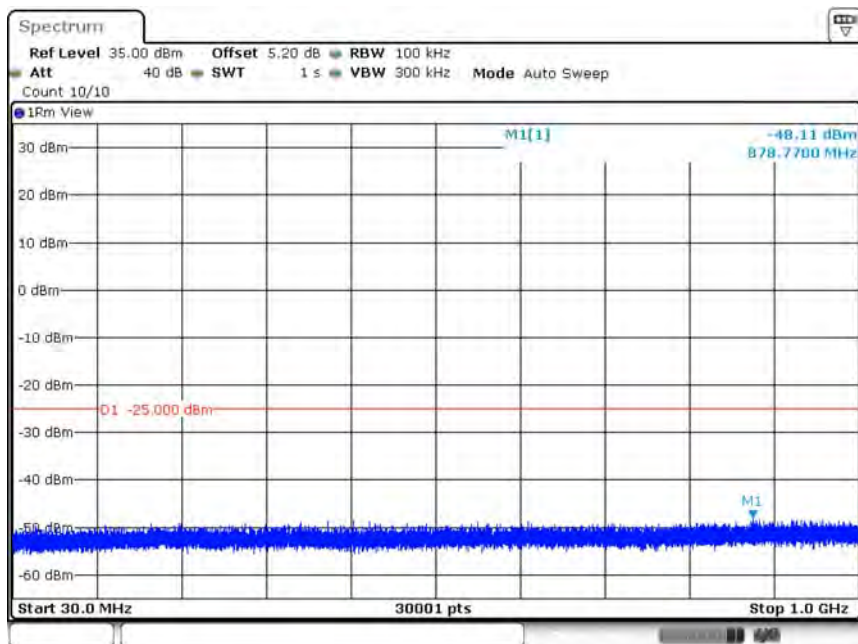
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**Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 11:44:55

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

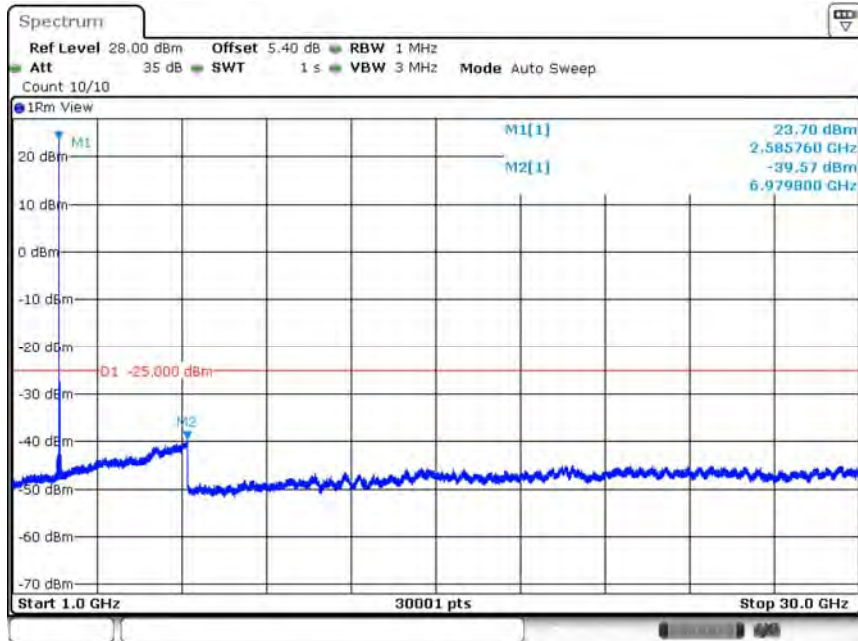


Date: 7.JUL.2021 11:46:02



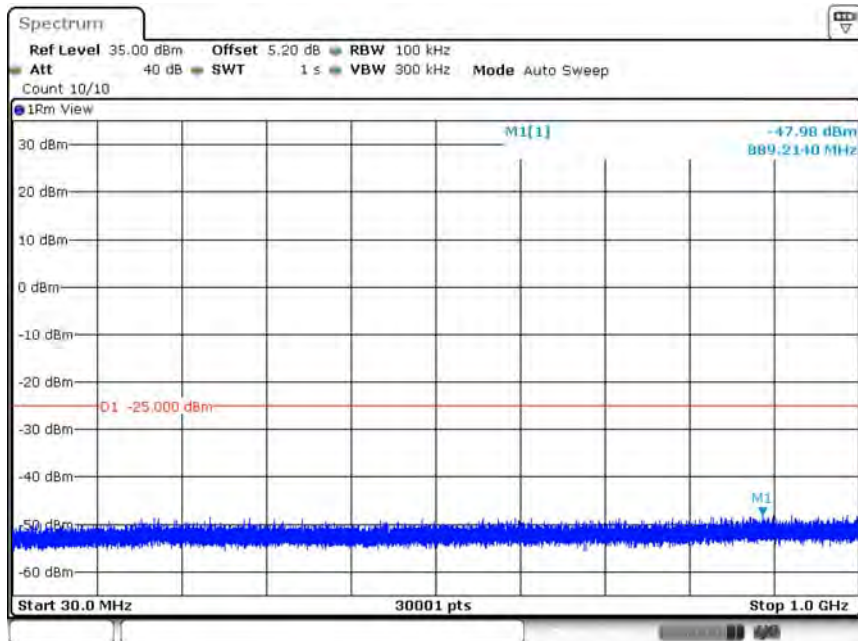
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**Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 11:46:19

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

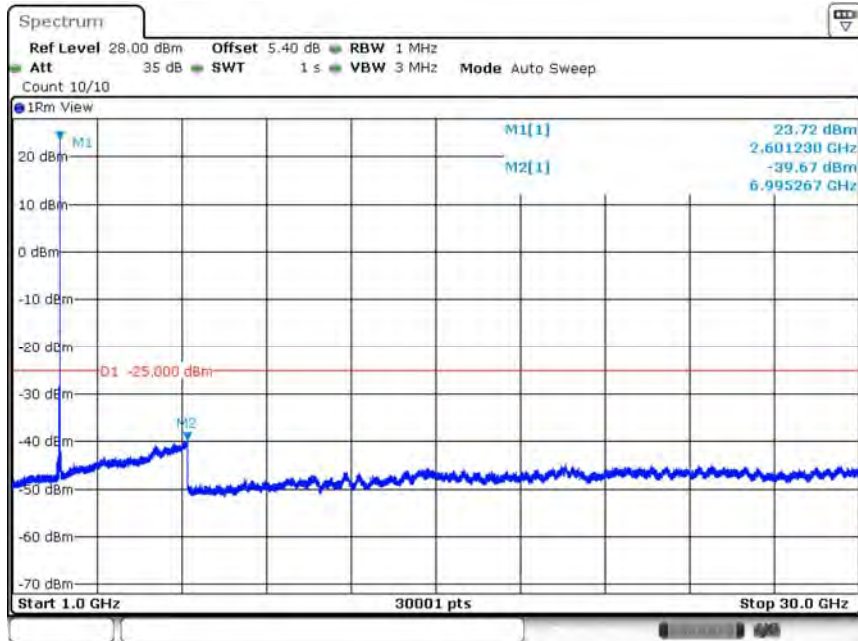


Date: 7.JUL.2021 11:47:26



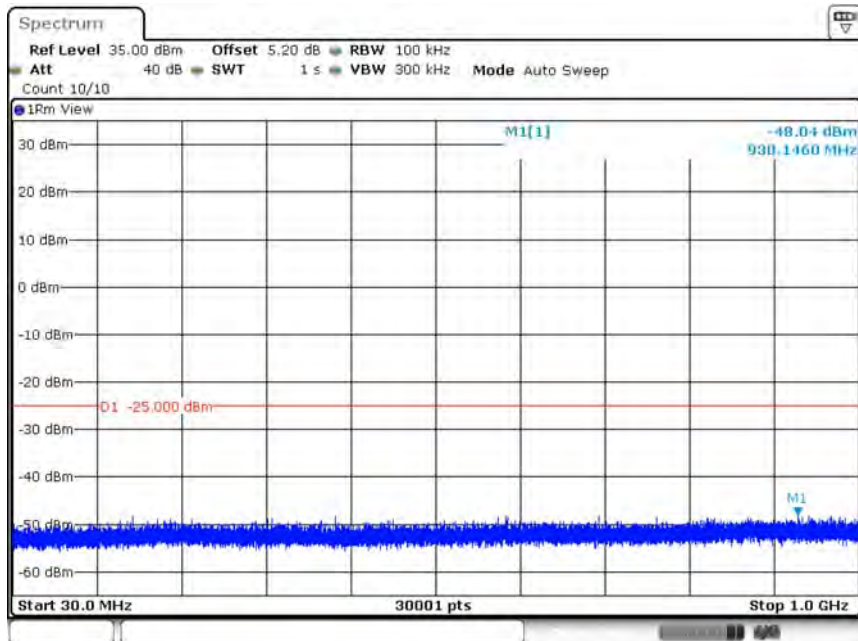
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**Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 11:47:43

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

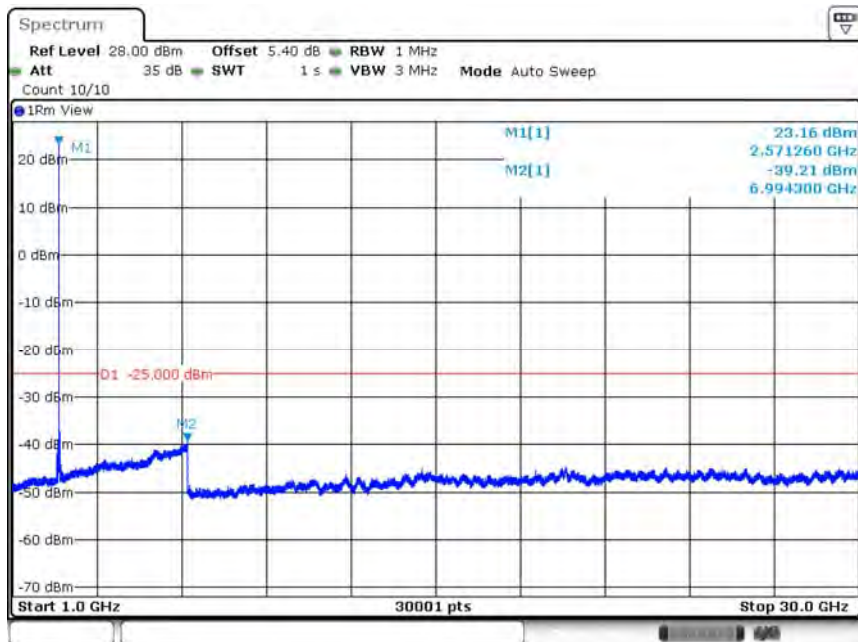


Date: 7.JUL.2021 14:26:41



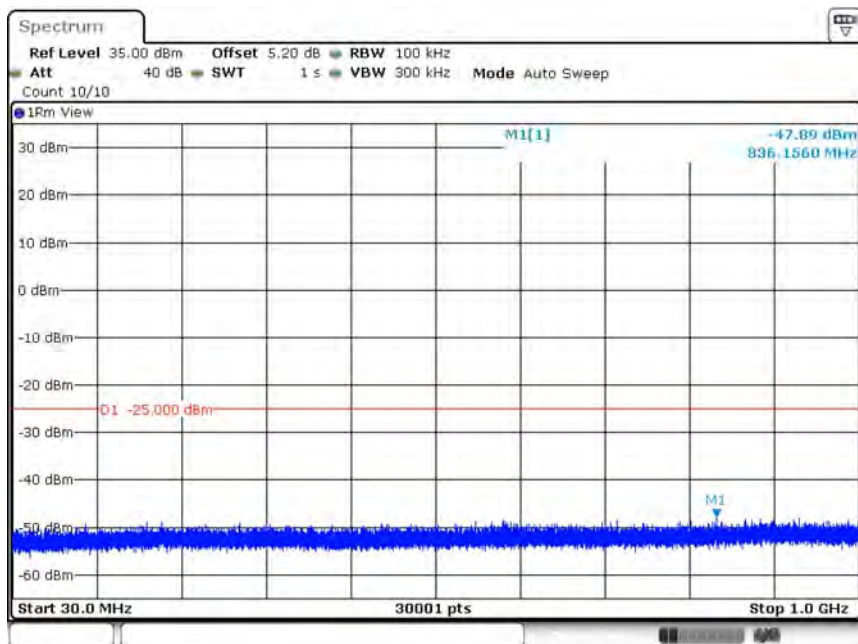
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**Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 14:26:59

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

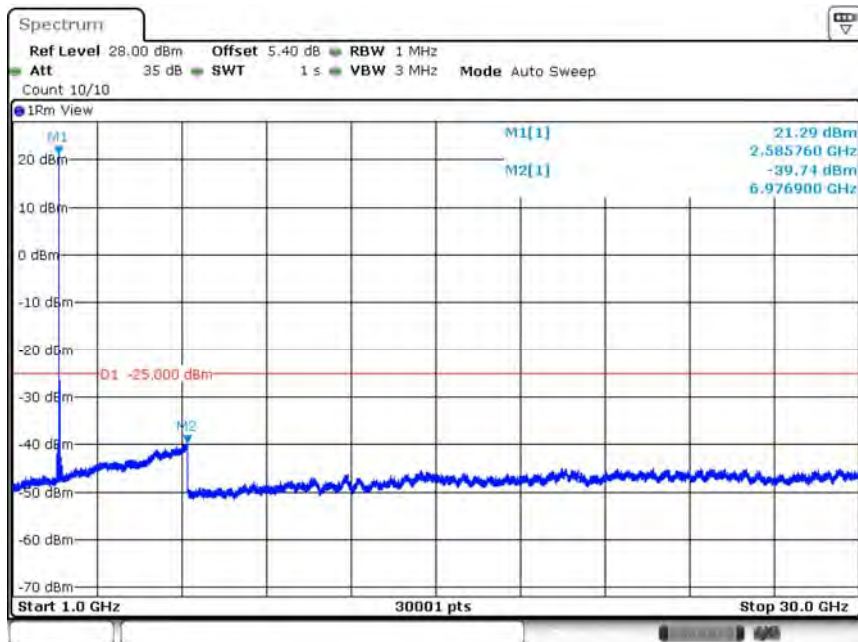


Date: 7.JUL.2021 14:27:24



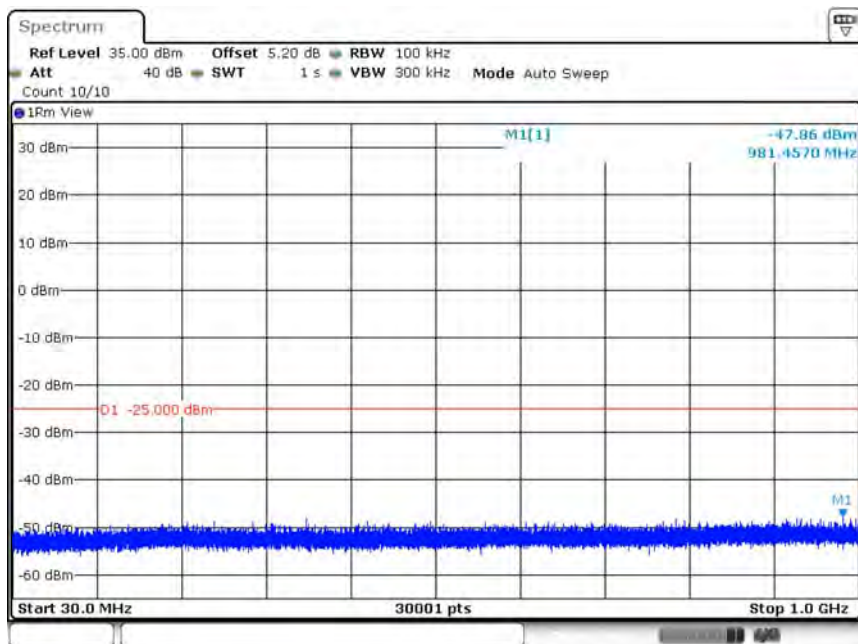
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**Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz**



Date: 7.JUL.2021 14:27:41

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

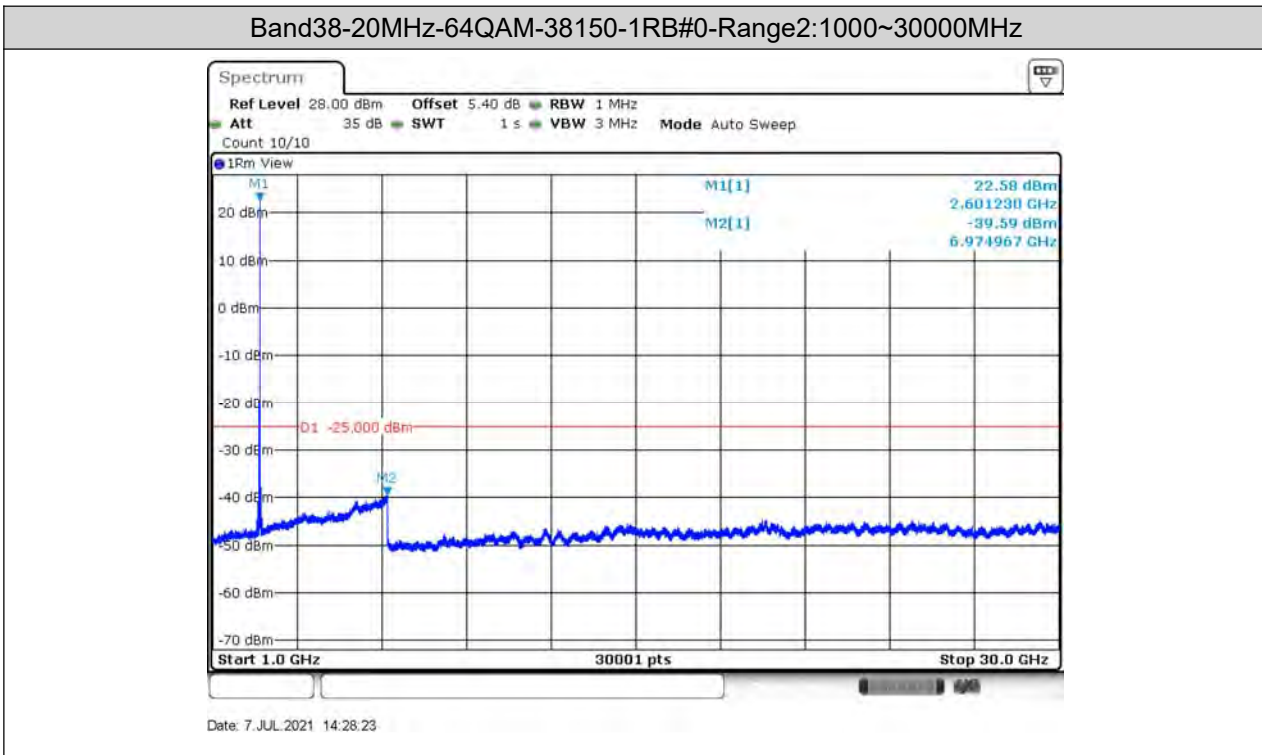


Date: 7.JUL.2021 14:28:06



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = \_38 ANT2

#### 7.1.1. Test Channel = Low Channel

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2983.4979   | 21.01         | -43.72      | -25.00      | 18.72       | Horizontal |
| 2                   | 5003.3502   | 51.37         | -58.03      | -25.00      | 33.03       | Horizontal |
| 3                   | 7488.9744   | 49.13         | -52.99      | -25.00      | 27.99       | Horizontal |
| 4                   | 8968.7984   | 48.58         | -50.64      | -25.00      | 25.64       | Horizontal |
| 5                   | 14042.802   | 46.33         | -45.73      | -25.00      | 20.73       | Horizontal |
| 6                   | 17992.499   | 49.74         | -43.98      | -25.00      | 18.98       | Horizontal |



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**7.2. Test Band = \_38 ANT2**

**7.2.1. Test Channel = Low Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2999.4999   | 20.75         | -43.72      | -25.00      | 18.72       | Vertical |
| 2                   | 4422.0711   | 52.42         | -59.74      | -25.00      | 34.74       | Vertical |
| 3                   | 7486.7243   | 49.42         | -52.72      | -25.00      | 27.72       | Vertical |
| 4                   | 9109.8055   | 48.89         | -50.74      | -25.00      | 25.74       | Vertical |
| 5                   | 11255.6628  | 48.34         | -47.52      | -25.00      | 22.52       | Vertical |
| 6                   | 17930.996   | 49.16         | -43.74      | -25.00      | 18.74       | Vertical |



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**7.3. Test Band = \_38 ANT2**

**7.3.1. Test Channel = Middle Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2936.4921   | 20.91         | -43.83      | -25.00      | 18.83       | Horizontal |
| 2                   | 3923.2962   | 52.38         | -61.46      | -25.00      | 36.46       | Horizontal |
| 3                   | 7471.7236   | 49.69         | -52.57      | -25.00      | 27.57       | Horizontal |
| 4                   | 11217.4109  | 47.51         | -48.21      | -25.00      | 23.21       | Horizontal |
| 5                   | 14040.552   | 46.39         | -45.70      | -25.00      | 20.70       | Horizontal |
| 6                   | 17935.496   | 48.70         | -44.18      | -25.00      | 19.18       | Horizontal |



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**7.4. Test Band = \_38 ANT2**

**7.4.1. Test Channel = Middle Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2997.9998   | 20.81         | -43.70      | -25.00      | 18.70       | Vertical |
| 2                   | 3525.0263   | 53.34         | -61.76      | -25.00      | 36.76       | Vertical |
| 3                   | 7485.2243   | 49.39         | -52.76      | -25.00      | 27.76       | Vertical |
| 4                   | 9038.5519   | 48.88         | -50.20      | -25.00      | 25.20       | Vertical |
| 5                   | 13366.268   | 46.82         | -45.86      | -25.00      | 20.86       | Vertical |
| 6                   | 17992.499   | 49.54         | -44.18      | -25.00      | 19.18       | Vertical |



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**7.5. Test Band = \_38 ANT2**

**7.5.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2984.7481   | 21.02         | -43.72      | -25.00      | 18.72       | Horizontal |
| 2                   | 3942.0471   | 52.47         | -61.35      | -25.00      | 36.35       | Horizontal |
| 3                   | 6143.4072   | 50.58         | -56.00      | -25.00      | 31.00       | Horizontal |
| 4                   | 7476.9738   | 49.82         | -52.40      | -25.00      | 27.40       | Horizontal |
| 5                   | 11233.9117  | 47.99         | -47.79      | -25.00      | 22.79       | Horizontal |
| 6                   | 17991.749   | 50.07         | -43.64      | -25.00      | 18.64       | Horizontal |



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**7.6. Test Band = \_38 ANT2**

**7.6.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2983.7480   | 20.92         | -43.81      | -25.00      | 18.81       | Vertical |
| 2                   | 5112.8556   | 51.77         | -57.87      | -25.00      | 32.87       | Vertical |
| 3                   | 7489.7245   | 49.40         | -52.71      | -25.00      | 27.71       | Vertical |
| 4                   | 11915.6958  | 47.74         | -46.63      | -25.00      | 21.63       | Vertical |
| 5                   | 16402.420   | 48.02         | -45.76      | -25.00      | 20.76       | Vertical |
| 6                   | 17996.999   | 49.88         | -43.94      | -25.00      | 18.94       | Vertical |



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**7.7. Test Band = \_38 ANT8**

**7.7.1. Test Channel = Low Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2968.4961   | 21.03         | -43.87      | -25.00      | 18.87       | Horizontal |
| 2                   | 3927.0464   | 52.31         | -61.52      | -25.00      | 36.52       | Horizontal |
| 3                   | 7504.7252   | 49.47         | -52.64      | -25.00      | 27.64       | Horizontal |
| 4                   | 11875.1938  | 47.89         | -46.74      | -25.00      | 21.74       | Horizontal |
| 5                   | 15042.602   | 45.97         | -45.94      | -25.00      | 20.94       | Horizontal |
| 6                   | 17903.995   | 48.98         | -44.00      | -25.00      | 19.00       | Horizontal |



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**7.8. Test Band = \_38 ANT8**

**7.8.1. Test Channel = Low Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 3000.0000   | 20.76         | -43.69      | -25.00      | 18.69       | Vertical |
| 2                   | 3621.0311   | 52.32         | -62.61      | -25.00      | 37.61       | Vertical |
| 3                   | 7485.2243   | 49.85         | -52.30      | -25.00      | 27.30       | Vertical |
| 4                   | 11929.9465  | 47.49         | -47.10      | -25.00      | 22.10       | Vertical |
| 5                   | 15038.101   | 46.29         | -45.57      | -25.00      | 20.57       | Vertical |
| 6                   | 17987.999   | 49.56         | -44.07      | -25.00      | 19.07       | Vertical |



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**7.9. Test Band = \_38 ANT8**

**7.9.1. Test Channel = Middle Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2911.9890   | 21.28         | -43.72      | -25.00      | 18.72       | Horizontal |
| 2                   | 4224.0612   | 51.70         | -61.00      | -25.00      | 36.00       | Horizontal |
| 3                   | 5685.1343   | 50.64         | -56.33      | -25.00      | 31.33       | Horizontal |
| 4                   | 7490.4745   | 49.45         | -52.66      | -25.00      | 27.66       | Horizontal |
| 5                   | 11220.4110  | 48.08         | -47.65      | -25.00      | 22.65       | Horizontal |
| 6                   | 17911.4956  | 48.73         | -44.23      | -25.00      | 19.23       | Horizontal |



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**7.10. Test Band = \_38 ANT8**

**7.10.1. Test Channel = Middle Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2984.2480   | 20.96         | -43.78      | -25.00      | 18.78       | Vertical |
| 2                   | 3932.2966   | 52.23         | -61.60      | -25.00      | 36.60       | Vertical |
| 3                   | 5673.8837   | 50.97         | -56.15      | -25.00      | 31.15       | Vertical |
| 4                   | 9064.8032   | 49.00         | -50.29      | -25.00      | 25.29       | Vertical |
| 5                   | 11941.9471  | 48.10         | -46.68      | -25.00      | 21.68       | Vertical |
| 6                   | 17915.995   | 48.71         | -44.23      | -25.00      | 19.23       | Vertical |



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**7.11. Test Band = \_38 ANT8**

**7.11.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2958.2448   | 21.05         | -43.69      | -25.00      | 18.69       | Horizontal |
| 2                   | 3915.7958   | 52.53         | -61.31      | -25.00      | 36.31       | Horizontal |
| 3                   | 7483.7242   | 49.22         | -52.94      | -25.00      | 27.94       | Horizontal |
| 4                   | 11200.1600  | 47.69         | -47.96      | -25.00      | 22.96       | Horizontal |
| 5                   | 15003.600   | 46.14         | -45.39      | -25.00      | 20.39       | Horizontal |
| 6                   | 17989.499   | 49.80         | -43.86      | -25.00      | 18.86       | Horizontal |



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**7.12. Test Band = \_38 ANT8**

**7.12.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2929.9912   | 20.89         | -43.82      | -25.00      | 18.82       | Vertical |
| 2                   | 4166.3083   | 51.48         | -61.31      | -25.00      | 36.31       | Vertical |
| 3                   | 5718.1359   | 50.65         | -56.54      | -25.00      | 31.54       | Vertical |
| 4                   | 11911.9456  | 47.43         | -46.88      | -25.00      | 21.88       | Vertical |
| 5                   | 14127.556   | 45.82         | -46.00      | -25.00      | 21.00       | Vertical |
| 6                   | 17914.495   | 48.67         | -44.28      | -25.00      | 19.28       | Vertical |



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**7.14. Test Band = \_38 ANT5**

**7.14.1. Test Channel = Low Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 1475.5594   | 19.97         | -50.15      | -25.00      | 25.15       | Vertical |
| 2                   | 2997.4997   | 20.71         | -43.82      | -25.00      | 18.82       | Vertical |
| 3                   | 6896.4448   | 50.64         | -53.80      | -25.00      | 28.80       | Vertical |
| 4                   | 11940.4470  | 47.91         | -46.85      | -25.00      | 21.85       | Vertical |
| 5                   | 16399.420   | 48.25         | -45.50      | -25.00      | 20.50       | Vertical |
| 6                   | 17970.748   | 49.07         | -44.20      | -25.00      | 19.20       | Vertical |



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**7.15. Test Band = \_38 ANT5**

**7.15.1. Test Channel = Middle Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2947.4934   | 21.02         | -43.69      | -25.00      | 18.69       | Horizontal |
| 2                   | 4433.3217   | 51.59         | -60.49      | -25.00      | 35.49       | Horizontal |
| 3                   | 7476.2238   | 49.39         | -52.84      | -25.00      | 27.84       | Horizontal |
| 4                   | 11929.9465  | 47.99         | -46.60      | -25.00      | 21.60       | Horizontal |
| 5                   | 14054.802   | 46.78         | -45.22      | -25.00      | 20.22       | Horizontal |
| 6                   | 17991.749   | 49.95         | -43.76      | -25.00      | 18.76       | Horizontal |



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**7.16. Test Band = \_38 ANT5**

**7.16.1. Test Channel = Middle Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2984.2480   | 20.84         | -43.90      | -25.00      | 18.90       | Vertical |
| 2                   | 3621.7811   | 52.68         | -62.24      | -25.00      | 37.24       | Vertical |
| 3                   | 7478.4739   | 49.77         | -52.44      | -25.00      | 27.44       | Vertical |
| 4                   | 11257.1629  | 48.25         | -47.61      | -25.00      | 22.61       | Vertical |
| 5                   | 14063.053   | 46.47         | -45.61      | -25.00      | 20.61       | Vertical |
| 6                   | 17986.499   | 49.63         | -43.97      | -25.00      | 18.97       | Vertical |



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**7.17. Test Band = \_38 ANT5**

**7.17.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 3000.0000   | 20.84         | -43.61      | -25.00      | 18.61       | Horizontal |
| 2                   | 4418.3209   | 52.15         | -60.04      | -25.00      | 35.04       | Horizontal |
| 3                   | 7470.2235   | 49.75         | -52.53      | -25.00      | 27.53       | Horizontal |
| 4                   | 11913.4457  | 47.46         | -46.87      | -25.00      | 21.87       | Horizontal |
| 5                   | 15047.102   | 46.42         | -45.53      | -25.00      | 20.53       | Horizontal |
| 6                   | 17985.749   | 49.40         | -44.18      | -25.00      | 19.18       | Horizontal |



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**7.18. Test Band = \_38 ANT5**

**7.18.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2906.4883   | 21.24         | -43.81      | -25.00      | 18.81       | Vertical |
| 2                   | 5695.6348   | 50.29         | -56.55      | -25.00      | 31.55       | Vertical |
| 3                   | 9028.0514   | 48.83         | -50.21      | -25.00      | 25.21       | Vertical |
| 4                   | 11931.4466  | 47.83         | -46.79      | -25.00      | 21.79       | Vertical |
| 5                   | 14046.552   | 46.43         | -45.57      | -25.00      | 20.57       | Vertical |
| 6                   | 17934.746   | 48.90         | -43.98      | -25.00      | 18.98       | Vertical |



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**7.19. Test Band = \_38 ANT4**

**7.19.1. Test Channel = Low Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2978.7473   | 21.13         | -43.61      | -25.00      | 18.61       | Horizontal |
| 2                   | 3981.0491   | 52.12         | -61.59      | -25.00      | 36.59       | Horizontal |
| 3                   | 6868.6934   | 50.80         | -53.80      | -25.00      | 28.80       | Horizontal |
| 4                   | 10579.879   | 46.95         | -50.07      | -25.00      | 25.07       | Horizontal |
| 5                   | 14025.551   | 46.68         | -45.64      | -25.00      | 20.64       | Horizontal |
| 6                   | 17909.245   | 48.82         | -44.15      | -25.00      | 19.15       | Horizontal |



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**7.20. Test Band = \_38 ANT4**

**7.20.1. Test Channel = Low Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2941.2427   | 21.02         | -43.73      | -25.00      | 18.73       | Vertical |
| 2                   | 3905.2953   | 52.02         | -61.83      | -25.00      | 36.83       | Vertical |
| 3                   | 6335.4168   | 50.66         | -55.20      | -25.00      | 30.20       | Vertical |
| 4                   | 9047.5524   | 48.30         | -50.82      | -25.00      | 25.82       | Vertical |
| 5                   | 11917.9459  | 48.17         | -46.24      | -25.00      | 21.24       | Vertical |
| 6                   | 17934.746   | 48.71         | -44.17      | -25.00      | 19.17       | Vertical |



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**7.21. Test Band = \_38 ANT4**

**7.21.1. Test Channel = Mid Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2992.4991   | 20.99         | -43.70      | -25.00      | 18.70       | Horizontal |
| 2                   | 4284.8142   | 51.86         | -60.93      | -25.00      | 35.93       | Horizontal |
| 3                   | 6625.6813   | 50.05         | -54.91      | -25.00      | 29.91       | Horizontal |
| 4                   | 8964.2982   | 48.32         | -50.95      | -25.00      | 25.95       | Horizontal |
| 5                   | 12831.491   | 46.50         | -46.71      | -25.00      | 21.71       | Horizontal |
| 6                   | 17998.499   | 49.60         | -44.25      | -25.00      | 19.25       | Horizontal |



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**7.22. Test Band = \_38 ANT4**

**7.22.1. Test Channel = Mid Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2996.9996   | 20.73         | -43.82      | -25.00      | 18.82       | Vertical |
| 2                   | 4155.0578   | 51.42         | -61.38      | -25.00      | 36.38       | Vertical |
| 3                   | 6050.4025   | 50.04         | -56.42      | -25.00      | 31.42       | Vertical |
| 4                   | 7494.2247   | 49.59         | -52.49      | -25.00      | 27.49       | Vertical |
| 5                   | 11224.9112  | 47.51         | -48.24      | -25.00      | 23.24       | Vertical |
| 6                   | 17997.749   | 49.32         | -44.51      | -25.00      | 19.51       | Vertical |



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**7.23. Test Band = \_38 ANT4**

**7.23.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |            |
|---------------------|-------------|---------------|-------------|-------------|-------------|------------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1                   | 2999.7500   | 20.67         | -43.79      | -25.00      | 18.79       | Horizontal |
| 2                   | 4347.0674   | 51.69         | -61.02      | -25.00      | 36.02       | Horizontal |
| 3                   | 5688.8844   | 50.63         | -56.30      | -25.00      | 31.30       | Horizontal |
| 4                   | 8276.5138   | 48.97         | -52.41      | -25.00      | 27.41       | Horizontal |
| 5                   | 11120.6560  | 46.83         | -49.04      | -25.00      | 24.04       | Horizontal |
| 6                   | 17994.749   | 49.20         | -44.57      | -25.00      | 19.57       | Horizontal |



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**7.24. Test Band = \_38 ANT4**

**7.24.1. Test Channel = High Channel**

| Suspected Data List |             |               |             |             |             |          |
|---------------------|-------------|---------------|-------------|-------------|-------------|----------|
| NO.                 | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1                   | 2985.4982   | 21.06         | -43.68      | -25.00      | 18.68       | Vertical |
| 2                   | 4586.3293   | 51.48         | -60.11      | -25.00      | 35.11       | Vertical |
| 3                   | 7476.9738   | 49.58         | -52.64      | -25.00      | 27.64       | Vertical |
| 4                   | 10656.382   | 47.43         | -49.47      | -25.00      | 24.47       | Vertical |
| 5                   | 14033.051   | 46.29         | -45.92      | -25.00      | 20.92       | Vertical |
| 6                   | 17994.749   | 49.55         | -44.22      | -25.00      | 19.22       | 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       |                  | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
|        |           |            |         |              | Voltage [Vdc] | Temperature (°C) |                |                 |             |         |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | VL            | NT               | 1.50           | 0.000581        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | VN            | NT               | -0.80          | -0.000310       | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0      | VH            | NT               | 6.60           | 0.002558        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | VL            | NT               | 8.30           | 0.003198        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | VN            | NT               | 4.30           | 0.001657        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0      | VH            | NT               | 3.00           | 0.001156        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | VL            | NT               | 3.50           | 0.001341        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | VN            | NT               | 2.20           | 0.000843        | ±2.5        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0      | VH            | NT               | 6.20           | 0.002375        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0      | VL            | NT               | 5.00           | 0.001938        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0      | VN            | NT               | 3.80           | 0.001473        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0      | VH            | NT               | 5.00           | 0.001938        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0      | VL            | NT               | 5.30           | 0.002042        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0      | VN            | NT               | 3.20           | 0.001233        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0      | VH            | NT               | 11.00          | 0.004239        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0      | VL            | NT               | 5.50           | 0.002107        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0      | VN            | NT               | 4.10           | 0.001571        | ±2.5        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0      | VH            | NT               | 4.10           | 0.001571        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | VL            | NT               | 4.60           | 0.001783        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | VN            | NT               | 2.30           | 0.000891        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 37850   | 100RB#0      | VH            | NT               | 8.50           | 0.003295        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0      | VL            | NT               | 3.50           | 0.001349        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0      | VN            | NT               | 14.60          | 0.005626        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38000   | 100RB#0      | VH            | NT               | 8.10           | 0.003121        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0      | VL            | NT               | 2.90           | 0.001111        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0      | VN            | NT               | 2.20           | 0.000843        | ±2.5        | PASS    |
| Band38 | 20MHz     | 64QAM      | 38150   | 100RB#0      | VH            | NT               | 3.60           | 0.001379        | ±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              | -0.40          | -0.000155       | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | -20              | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | -10              | 1.50           | 0.000581        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 0                | 1.80           | 0.000698        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 10               | 2.70           | 0.001047        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 20               | 2.70           | 0.001047        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 30               | 2.50           | 0.000969        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 40               | 2.20           | 0.000853        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 37850   | 100RB#0      | NV            | 50               | 4.90           | 0.001899        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | -30              | 3.30           | 0.001272        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | -20              | 4.40           | 0.001696        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | -10              | 4.90           | 0.001888        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 0                | 6.80           | 0.002620        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 10               | 7.90           | 0.003044        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 20               | 5.50           | 0.002119        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 30               | 7.20           | 0.002775        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 40               | 8.00           | 0.003083        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38000   | 100RB#0      | NV            | 50               | 13.60          | 0.005241        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | -30              | 7.30           | 0.002797        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | -20              | 2.60           | 0.000996        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | -10              | 0.40           | 0.000153        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 0                | 5.80           | 0.002222        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 10               | 4.20           | 0.001609        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 20               | 6.10           | 0.002337        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 30               | 4.00           | 0.001533        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 40               | 6.30           | 0.002414        | ±2.5        | PASS    |
| Band38      | 20MHz     | QPSK       | 38150   | 100RB#0      | NV            | 50               | 5.40           | 0.002069        | ±2.5        | PASS    |
| Band38      | 20MHz     | 16QAM      | 37850   | 100RB#0      | NV            | -30              | 4.80           | 0.001860        | ±2.5        | PASS    |
| Band38      | 20MHz     | 16QAM      | 37850   | 100RB#0      | NV            | -20              | 4.30           | 0.001667        | ±2.5        | PASS    |



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|        |       |       |       |         |    |     |       |          |      |      |
|--------|-------|-------|-------|---------|----|-----|-------|----------|------|------|
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | -10 | 5.30  | 0.002054 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 0   | 7.40  | 0.002868 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 10  | 4.00  | 0.001550 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 20  | 6.40  | 0.002481 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 30  | 5.00  | 0.001938 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 40  | 1.60  | 0.000620 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | NV | 50  | 8.30  | 0.003217 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -30 | 4.40  | 0.001696 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -20 | 0.90  | 0.000347 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | -10 | 6.60  | 0.002543 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 0   | 8.10  | 0.003121 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 10  | 3.70  | 0.001426 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 20  | 8.40  | 0.003237 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 30  | 5.10  | 0.001965 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 40  | 10.00 | 0.003854 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | NV | 50  | 7.40  | 0.002852 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -30 | 3.80  | 0.001456 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -20 | 6.80  | 0.002605 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | -10 | 6.80  | 0.002605 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 0   | 5.60  | 0.002146 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 10  | 5.90  | 0.002261 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 20  | 7.00  | 0.002682 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 30  | 6.40  | 0.002452 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 40  | 5.40  | 0.002069 | ±2.5 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | NV | 50  | 2.80  | 0.001073 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -30 | 9.80  | 0.003798 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -20 | 11.60 | 0.004496 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | -10 | 4.10  | 0.001589 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 0   | 2.00  | 0.000775 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 10  | 9.20  | 0.003566 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 20  | 13.30 | 0.005155 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 30  | 4.40  | 0.001705 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 40  | 1.50  | 0.000581 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 37850 | 100RB#0 | NV | 50  | 0.80  | 0.000310 | ±2.5 | PASS |



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|        |       |       |       |         |    |     |       |           |      |      |
|--------|-------|-------|-------|---------|----|-----|-------|-----------|------|------|
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -30 | 9.30  | 0.003584  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -20 | 5.50  | 0.002119  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | -10 | 0.00  | 0.000000  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 0   | 0.60  | 0.000231  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 10  | 4.60  | 0.001773  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 20  | 0.00  | 0.000000  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 30  | -1.40 | -0.000539 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 40  | 4.70  | 0.001811  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38000 | 100RB#0 | NV | 50  | 5.10  | 0.001965  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -30 | 6.70  | 0.002567  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -20 | 8.30  | 0.003180  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | -10 | 7.10  | 0.002720  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 0   | 8.30  | 0.003180  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 10  | 10.40 | 0.003985  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 20  | 12.80 | 0.004904  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 30  | 4.90  | 0.001877  | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 40  | -1.60 | -0.000613 | ±2.5 | PASS |
| Band38 | 20MHz | 64QAM | 38150 | 100RB#0 | NV | 50  | 5.80  | 0.002222  | ±2.5 | PASS |

The End



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