



# Appendix B

## E-UTRA Band 41



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## 1 Effective (Isotropic) Radiated Power

### 1.1. Test Result

#### ANT4:

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 25.13                | 22.13      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 25.03                | 22.03      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 24.95                | 21.95      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#6           | 24.13                | 21.13      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#0           | 24.27                | 21.27      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#13          | 24.23                | 21.23      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 23.89                | 20.89      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#24           | 24.95                | 21.95      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 25.03                | 22.03      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#12           | 25.03                | 22.03      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#0           | 24.06                | 21.06      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#6           | 24.15                | 21.15      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#13          | 24.06                | 21.06      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 24.08                | 21.08      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 24.80                | 21.80      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 24.87                | 21.87      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 25.05                | 22.05      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#13          | 24.26                | 21.26      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#6           | 23.97                | 20.97      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#0           | 23.97                | 20.97      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 24.27                | 21.27      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 24.06                | 21.06      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 24.09                | 21.09      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 24.12                | 21.12      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#0           | 23.14                | 20.14      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#6           | 23.00                | 20.00      | 33.00       | PASS    |





|        |      |       |       |         |       |       |       |      |
|--------|------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 5MHz | 16QAM | 39675 | 12RB#13 | 22.94 | 19.94 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 25RB#0  | 23.29 | 20.29 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#0   | 24.12 | 21.12 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#12  | 24.22 | 21.22 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#24  | 24.21 | 21.21 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#13 | 23.03 | 20.03 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#6  | 23.13 | 20.13 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 12RB#0  | 23.09 | 20.09 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 25RB#0  | 23.09 | 20.09 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#0   | 24.26 | 21.26 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#12  | 24.12 | 21.12 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#24  | 24.02 | 21.02 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#0  | 22.99 | 19.99 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#6  | 23.15 | 20.15 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 12RB#13 | 22.96 | 19.96 | 33.00 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 25RB#0  | 23.29 | 20.29 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#0   | 22.67 | 19.67 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#24  | 22.69 | 19.69 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#12  | 22.68 | 19.68 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#13 | 21.86 | 18.86 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#6  | 21.89 | 18.89 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 12RB#0  | 21.73 | 18.73 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 25RB#0  | 21.86 | 18.86 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#0   | 22.68 | 19.68 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#12  | 22.78 | 19.78 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#24  | 22.70 | 19.70 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#0  | 21.67 | 18.67 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#6  | 21.66 | 18.66 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 12RB#13 | 21.78 | 18.78 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 25RB#0  | 21.94 | 18.94 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#0   | 22.71 | 19.71 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#24  | 22.71 | 19.71 | 33.00 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#12  | 22.69 | 19.69 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 5MHz  | 64QAM | 41565 | 12RB#0  | 21.92 | 18.92 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 12RB#6  | 21.87 | 18.87 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 12RB#13 | 21.75 | 18.75 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 25RB#0  | 21.83 | 18.83 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#49  | 24.90 | 21.90 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#24  | 25.06 | 22.06 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#0   | 24.86 | 21.86 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#12 | 24.03 | 21.03 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#0  | 24.07 | 21.07 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#25 | 24.05 | 21.05 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 50RB#0  | 24.07 | 21.07 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#24  | 24.98 | 21.98 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#49  | 24.99 | 21.99 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0   | 25.03 | 22.03 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#25 | 24.05 | 21.05 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#0  | 24.13 | 21.13 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#12 | 24.09 | 21.09 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 24.10 | 21.10 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49  | 24.89 | 21.89 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24  | 25.19 | 22.19 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0   | 24.99 | 21.99 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#25 | 24.10 | 21.10 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#0  | 24.27 | 21.27 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#12 | 24.07 | 21.07 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0  | 24.26 | 21.26 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24  | 24.29 | 21.29 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49  | 24.20 | 21.20 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0   | 24.30 | 21.30 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0  | 23.16 | 20.16 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 23.23 | 20.23 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 23.01 | 20.01 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0  | 23.19 | 20.19 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49  | 24.27 | 21.27 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0   | 24.31 | 21.31 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24  | 24.33 | 21.33 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0  | 23.05 | 20.05 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 23.15 | 20.15 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 23.09 | 20.09 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 23.08 | 20.08 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0   | 24.31 | 21.31 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49  | 24.47 | 21.47 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24  | 24.52 | 21.52 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 23.24 | 20.24 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0  | 23.00 | 20.00 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 22.99 | 19.99 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0  | 22.97 | 19.97 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#0   | 22.67 | 19.67 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#24  | 22.81 | 19.81 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#49  | 22.85 | 19.85 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#12 | 21.94 | 18.94 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#0  | 21.87 | 18.87 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#25 | 21.71 | 18.71 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 50RB#0  | 21.78 | 18.78 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#0   | 22.92 | 19.92 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#49  | 22.77 | 19.77 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#24  | 22.85 | 19.85 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#0  | 21.93 | 18.93 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#25 | 21.85 | 18.85 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#12 | 21.93 | 18.93 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 50RB#0  | 21.80 | 18.80 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#0   | 22.81 | 19.81 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#49  | 22.75 | 19.75 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#24  | 22.93 | 19.93 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#0  | 21.93 | 18.93 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#12 | 21.86 | 18.86 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#25 | 21.83 | 18.83 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 10MHz | 64QAM | 41540 | 50RB#0  | 21.73 | 18.73 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 24.64 | 21.64 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 24.77 | 21.77 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0   | 25.10 | 22.10 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#39 | 23.93 | 20.93 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#18 | 24.17 | 21.17 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#0  | 24.22 | 21.22 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0  | 23.98 | 20.98 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 24.74 | 21.74 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 24.90 | 21.90 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 24.97 | 21.97 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#0  | 24.04 | 21.04 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#18 | 24.08 | 21.08 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#39 | 24.08 | 21.08 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 24.10 | 21.10 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 24.73 | 21.73 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 24.84 | 21.84 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 24.88 | 21.88 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#0  | 23.94 | 20.94 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#18 | 24.17 | 21.17 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#39 | 24.00 | 21.00 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 24.17 | 21.17 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 24.20 | 21.20 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 24.09 | 21.09 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 24.33 | 21.33 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#0  | 23.22 | 20.22 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#18 | 23.11 | 20.11 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#39 | 23.16 | 20.16 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 23.10 | 20.10 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 24.30 | 21.30 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 24.19 | 21.19 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 24.34 | 21.34 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#39 | 23.08 | 20.08 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 15MHz | 16QAM | 40620 | 36RB#0  | 23.12 | 20.12 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#18 | 23.11 | 20.11 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 23.10 | 20.10 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 24.43 | 21.43 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 24.15 | 21.15 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 24.23 | 21.23 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#18 | 23.09 | 20.09 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#0  | 22.95 | 19.95 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#39 | 23.08 | 20.08 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 23.27 | 20.27 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#38  | 22.76 | 19.76 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#0   | 22.81 | 19.81 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#74  | 22.84 | 19.84 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#0  | 21.91 | 18.91 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#39 | 21.65 | 18.65 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#18 | 21.65 | 18.65 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0  | 21.69 | 18.69 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#38  | 22.71 | 19.71 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#74  | 22.90 | 19.90 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#0   | 22.64 | 19.64 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#0  | 21.69 | 18.69 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#18 | 21.85 | 18.85 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#39 | 21.70 | 18.70 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0  | 21.81 | 18.81 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#0   | 22.86 | 19.86 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#38  | 22.64 | 19.64 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#74  | 22.88 | 19.88 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#0  | 21.67 | 18.67 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#18 | 21.70 | 18.70 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#39 | 21.87 | 18.87 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 75RB#0  | 21.70 | 18.70 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 25.16 | 22.16 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 25.03 | 22.03 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 25.06 | 22.06 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#25 | 24.31 | 21.31 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#0  | 24.28 | 21.28 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#50 | 24.25 | 21.25 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 24.28 | 21.28 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 25.19 | 22.19 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 24.93 | 21.93 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 25.03 | 22.03 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#0  | 24.12 | 21.12 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 24.19 | 21.19 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 24.14 | 21.14 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 24.15 | 21.15 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 25.10 | 22.10 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 25.01 | 22.01 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 25.03 | 22.03 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 24.18 | 21.18 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 24.13 | 21.13 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 24.19 | 21.19 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 24.15 | 21.15 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 24.45 | 21.45 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 24.33 | 21.33 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 24.32 | 21.32 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 23.29 | 20.29 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 23.29 | 20.29 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 23.26 | 20.26 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 23.30 | 20.30 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 24.41 | 21.41 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 24.33 | 21.33 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 24.37 | 21.37 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 23.12 | 20.12 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 23.17 | 20.17 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 23.16 | 20.16 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 23.21 | 20.21 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 24.49 | 21.49 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 24.35 | 21.35 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 24.34 | 21.34 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 23.22 | 20.22 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 23.18 | 20.18 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 23.22 | 20.22 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 23.19 | 20.19 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#0   | 22.72 | 19.72 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#49  | 22.71 | 19.71 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#99  | 22.73 | 19.73 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#0  | 21.74 | 18.74 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#25 | 21.81 | 18.81 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#50 | 21.95 | 18.95 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 21.87 | 18.87 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#0   | 22.83 | 19.83 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#99  | 22.93 | 19.93 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#49  | 22.75 | 19.75 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#0  | 21.73 | 18.73 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#25 | 21.89 | 18.89 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#50 | 21.77 | 18.77 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 21.90 | 18.90 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#0   | 22.74 | 19.74 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#99  | 22.75 | 19.75 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#49  | 22.95 | 19.95 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#50 | 21.90 | 18.90 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#25 | 21.70 | 18.70 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#0  | 21.70 | 18.70 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 21.70 | 18.70 | 33.00 | PASS |





**ANT3:**

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power(dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 21.79                | 20.79      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 21.54                | 20.54      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 21.46                | 20.46      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#6           | 21.77                | 20.77      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#0           | 21.72                | 20.72      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#13          | 21.78                | 20.78      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 21.66                | 20.66      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#24           | 21.66                | 20.66      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 21.33                | 20.33      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#12           | 21.64                | 20.64      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#0           | 21.58                | 20.58      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#6           | 21.67                | 20.67      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#13          | 21.51                | 20.51      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 21.59                | 20.59      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 21.49                | 20.49      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 21.48                | 20.48      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 21.10                | 20.10      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#13          | 21.28                | 20.28      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#6           | 21.32                | 20.32      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#0           | 21.27                | 20.27      | 33.00       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 21.19                | 20.19      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 21.73                | 20.73      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 21.71                | 20.71      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 21.65                | 20.65      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#0           | 21.73                | 20.73      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#6           | 21.66                | 20.66      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#13          | 21.63                | 20.63      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 21.70                | 20.70      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 21.75                | 20.75      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#12           | 21.68                | 20.68      | 33.00       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#24           | 21.45                | 20.45      | 33.00       | PASS    |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#13 | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#6  | 21.55 | 20.55 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 12RB#0  | 21.53 | 20.53 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 40620 | 25RB#0  | 21.58 | 20.58 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#0   | 21.57 | 20.57 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#12  | 21.39 | 20.39 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 1RB#24  | 21.44 | 20.44 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#0  | 21.25 | 20.25 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#6  | 21.27 | 20.27 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 12RB#13 | 21.19 | 20.19 | 33.00 | PASS |
| Band41 | 5MHz  | 16QAM | 41565 | 25RB#0  | 21.20 | 20.20 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 39675 | 1RB#0   | 21.30 | 20.30 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 39675 | 1RB#24  | 21.24 | 20.24 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 39675 | 1RB#12  | 21.32 | 20.32 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 39675 | 12RB#13 | 21.26 | 20.26 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 39675 | 12RB#6  | 21.22 | 20.22 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 39675 | 12RB#0  | 21.24 | 20.24 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 39675 | 25RB#0  | 21.21 | 20.21 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 40620 | 1RB#0   | 21.35 | 20.35 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 40620 | 1RB#12  | 21.29 | 20.29 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 40620 | 1RB#24  | 21.25 | 20.25 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 40620 | 12RB#0  | 21.14 | 20.14 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 40620 | 12RB#6  | 21.17 | 20.17 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 40620 | 12RB#13 | 21.25 | 20.25 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 40620 | 25RB#0  | 21.23 | 20.23 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 1RB#0   | 21.31 | 20.31 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 1RB#24  | 21.40 | 20.40 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 1RB#12  | 21.22 | 20.22 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 12RB#0  | 21.43 | 20.43 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 12RB#6  | 21.37 | 20.37 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 12RB#13 | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 5MHz  | 64QAM | 41565 | 25RB#0  | 21.45 | 20.45 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#49  | 21.70 | 20.70 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 10MHz | QPSK  | 39700 | 1RB#24  | 21.55 | 20.55 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 1RB#0   | 21.55 | 20.55 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#12 | 21.78 | 20.78 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#0  | 21.73 | 20.73 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 25RB#25 | 21.79 | 20.79 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 39700 | 50RB#0  | 21.89 | 20.89 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#24  | 21.47 | 20.47 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#49  | 21.34 | 20.34 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 1RB#0   | 21.65 | 20.65 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#25 | 21.59 | 20.59 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#0  | 21.68 | 20.68 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 25RB#12 | 21.52 | 20.52 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 40620 | 50RB#0  | 21.89 | 20.89 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#49  | 21.49 | 20.49 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#24  | 21.49 | 20.49 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 1RB#0   | 21.11 | 20.11 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#25 | 21.29 | 20.29 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#0  | 21.33 | 20.33 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 25RB#12 | 21.28 | 20.28 | 33.00 | PASS |
| Band41 | 10MHz | QPSK  | 41540 | 50RB#0  | 21.23 | 20.23 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24  | 21.77 | 20.77 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49  | 21.75 | 20.75 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0   | 21.69 | 20.69 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#0  | 21.77 | 20.77 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#12 | 21.71 | 20.71 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 25RB#25 | 21.67 | 20.67 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0  | 21.74 | 20.74 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49  | 21.79 | 20.79 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0   | 21.72 | 20.72 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24  | 21.49 | 20.49 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#0  | 21.50 | 20.50 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#12 | 21.59 | 20.59 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 25RB#25 | 21.57 | 20.57 | 33.00 | PASS |





|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0  | 21.62 | 20.62 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0   | 21.61 | 20.61 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49  | 21.43 | 20.43 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24  | 21.38 | 20.38 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#25 | 21.29 | 20.29 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#0  | 21.31 | 20.31 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 25RB#12 | 21.23 | 20.23 | 33.00 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0  | 21.24 | 20.24 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#0   | 21.32 | 20.32 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#24  | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#49  | 21.18 | 20.18 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#12 | 21.44 | 20.44 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#0  | 21.26 | 20.26 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 25RB#25 | 21.20 | 20.20 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 50RB#0  | 21.24 | 20.24 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#0   | 21.15 | 20.15 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#49  | 21.34 | 20.34 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#24  | 21.24 | 20.24 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#0  | 21.41 | 20.41 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#25 | 21.34 | 20.34 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 25RB#12 | 21.32 | 20.32 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 50RB#0  | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#0   | 21.35 | 20.35 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#49  | 21.40 | 20.40 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#24  | 21.40 | 20.40 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#0  | 21.32 | 20.32 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#12 | 21.31 | 20.31 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 25RB#25 | 21.30 | 20.30 | 33.00 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 50RB#0  | 21.45 | 20.45 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 21.56 | 20.56 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 21.56 | 20.56 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#0   | 21.50 | 20.50 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#39 | 21.79 | 20.79 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 15MHz | QPSK  | 39725 | 36RB#18 | 21.74 | 20.74 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 36RB#0  | 21.78 | 20.78 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 75RB#0  | 22.03 | 21.03 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 21.48 | 20.48 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 21.39 | 20.39 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 21.66 | 20.66 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#0  | 21.60 | 20.60 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#18 | 21.69 | 20.69 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 36RB#39 | 21.53 | 20.53 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 21.93 | 20.93 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 21.40 | 20.40 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 21.12 | 20.12 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#0  | 21.30 | 20.30 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#18 | 21.40 | 20.40 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 36RB#39 | 21.29 | 20.29 | 33.00 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 21.27 | 20.27 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 21.99 | 20.99 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 21.79 | 20.79 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 21.73 | 20.73 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#0  | 21.81 | 20.81 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#18 | 21.75 | 20.75 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 36RB#39 | 21.71 | 20.71 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 21.78 | 20.78 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 22.00 | 21.00 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 21.76 | 20.76 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 21.53 | 20.53 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#39 | 21.54 | 20.54 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#0  | 21.75 | 20.75 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 36RB#18 | 21.61 | 20.61 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 21.66 | 20.66 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 21.65 | 20.65 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 21.47 | 20.47 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 21.42 | 20.42 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#18 | 21.33 | 20.33 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#0  | 21.35 | 20.35 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 36RB#39 | 21.27 | 20.27 | 33.00 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 21.22 | 20.22 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#38  | 21.43 | 20.43 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#0   | 21.31 | 20.31 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#74  | 21.32 | 20.32 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#0  | 21.15 | 20.15 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#39 | 21.45 | 20.45 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 36RB#18 | 21.21 | 20.21 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0  | 21.28 | 20.28 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#38  | 21.23 | 20.23 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#74  | 21.41 | 20.41 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#0   | 21.38 | 20.38 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#0  | 21.23 | 20.23 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#18 | 21.24 | 20.24 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 36RB#39 | 21.34 | 20.34 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0  | 21.15 | 20.15 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#0   | 21.18 | 20.18 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#38  | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#74  | 21.14 | 20.14 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#0  | 21.35 | 20.35 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#18 | 21.29 | 20.29 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 36RB#39 | 21.32 | 20.32 | 33.00 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 75RB#0  | 21.14 | 20.14 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 21.70 | 20.70 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#49  | 21.61 | 20.61 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#99  | 21.58 | 20.58 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#25 | 21.80 | 20.80 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#0  | 21.81 | 20.81 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 50RB#50 | 21.83 | 20.83 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 21.82 | 20.82 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 21.55 | 20.55 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 21.44 | 20.44 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 21.71 | 20.71 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#0  | 21.65 | 20.65 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 21.84 | 20.84 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 21.58 | 20.58 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 21.98 | 20.98 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 21.45 | 20.45 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 21.62 | 20.62 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 21.17 | 20.17 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 21.35 | 20.35 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 21.34 | 20.34 | 33.00 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 21.32 | 20.32 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 21.63 | 20.63 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 21.89 | 20.89 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 21.82 | 20.82 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 21.90 | 20.90 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 21.78 | 20.78 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 21.80 | 20.80 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 21.87 | 20.87 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 21.54 | 20.54 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 21.85 | 20.85 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 21.62 | 20.62 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 21.63 | 20.63 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 21.84 | 20.84 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 21.70 | 20.70 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 21.75 | 20.75 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 21.74 | 20.74 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 21.56 | 20.56 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 21.51 | 20.51 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 21.42 | 20.42 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 21.50 | 20.50 | 33.00 | PASS |



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|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 21.36 | 20.36 | 33.00 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 21.31 | 20.31 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#0   | 21.40 | 20.40 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#49  | 21.15 | 20.15 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#99  | 21.17 | 20.17 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#0  | 21.36 | 20.36 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#25 | 21.35 | 20.35 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#50 | 21.25 | 20.25 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 21.39 | 20.39 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#0   | 21.26 | 20.26 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#99  | 21.41 | 20.41 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#49  | 21.37 | 20.37 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#0  | 21.39 | 20.39 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#25 | 21.35 | 20.35 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#50 | 21.23 | 20.23 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 21.29 | 20.29 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#0   | 21.17 | 20.17 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#99  | 21.46 | 20.46 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#49  | 21.34 | 20.34 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#50 | 21.34 | 20.34 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#25 | 21.29 | 20.29 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 50RB#0  | 21.14 | 20.14 | 33.00 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 21.33 | 20.33 | 33.00 | PASS |

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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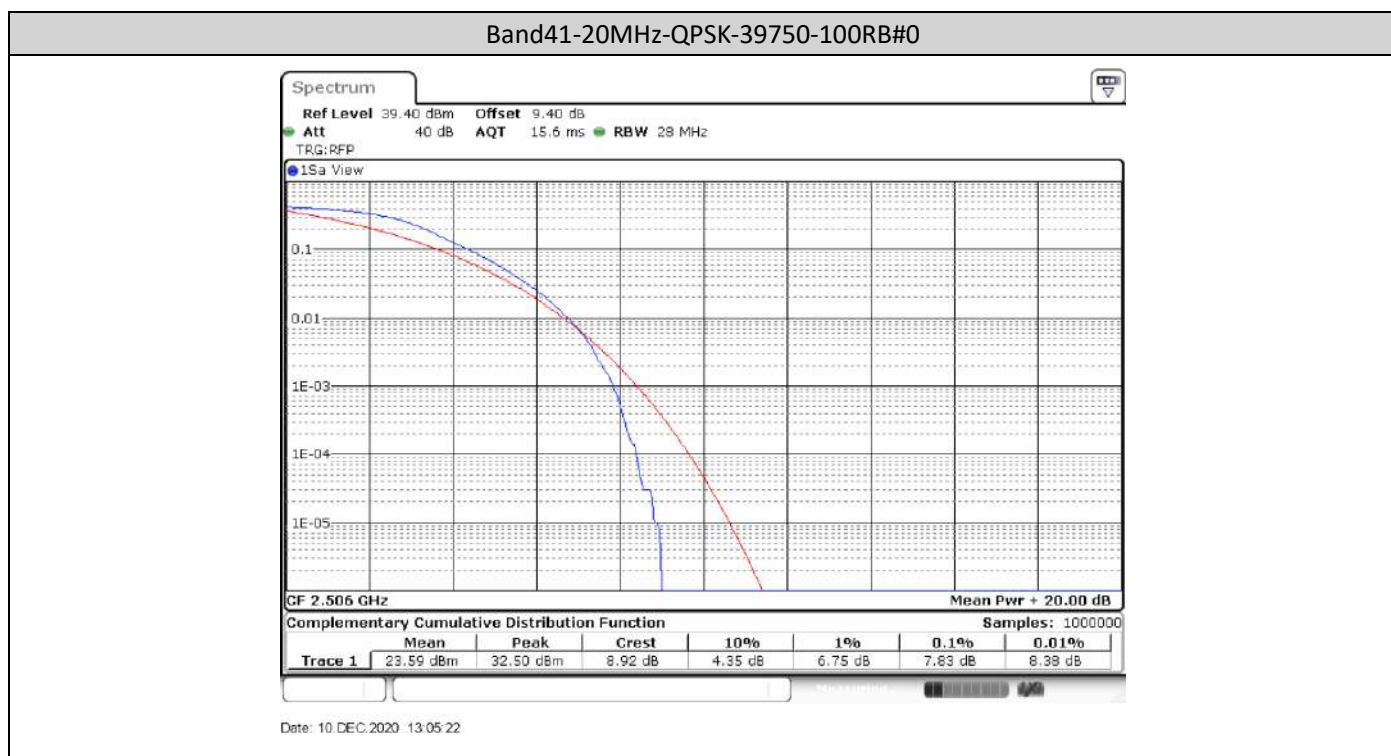


## 2. Peak-to-Average Ratio (CCDF)

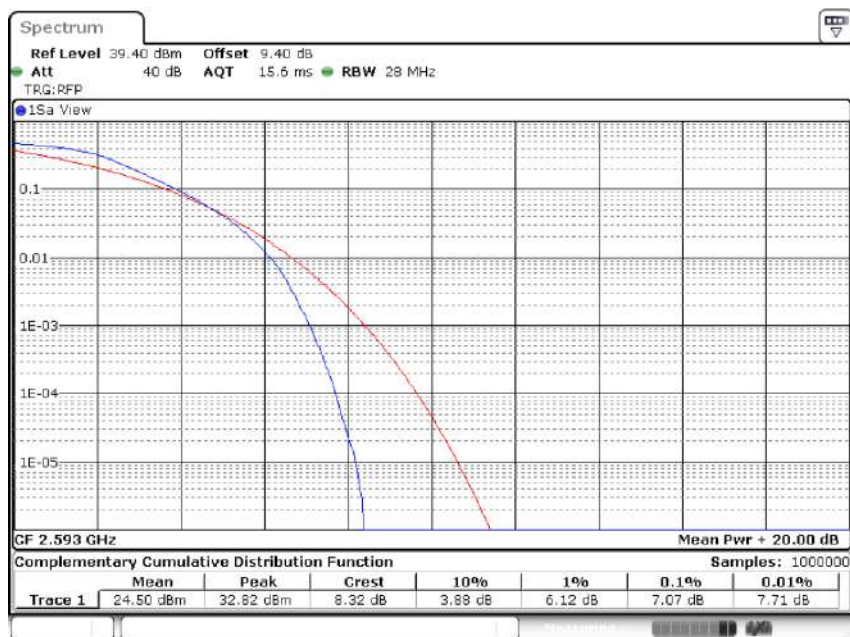
### 2.1. Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 7.83       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 7.07       | 13        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 6.70       | 13        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0          | 6.75       | 13        | PASS    |
| Band41 | 20MHz     | 64QAM      | 40620   | 100RB#0          | 8.32       | 13        | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 100RB#0          | 8.23       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 8.26       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 7.86       | 13        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 7.42       | 13        | PASS    |

### 2.2. Test Plots

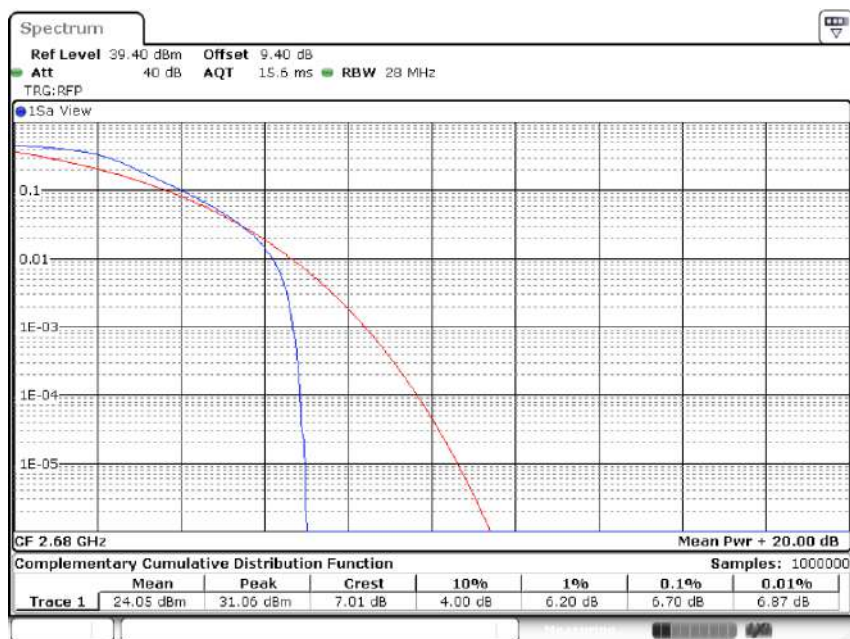


Band41-20MHz-QPSK-40620-100RB#0



Date: 10 DEC. 2020 13:05:45

Band41-20MHz-QPSK-41490-100RB#0



Date: 10 DEC. 2020 13:06:08



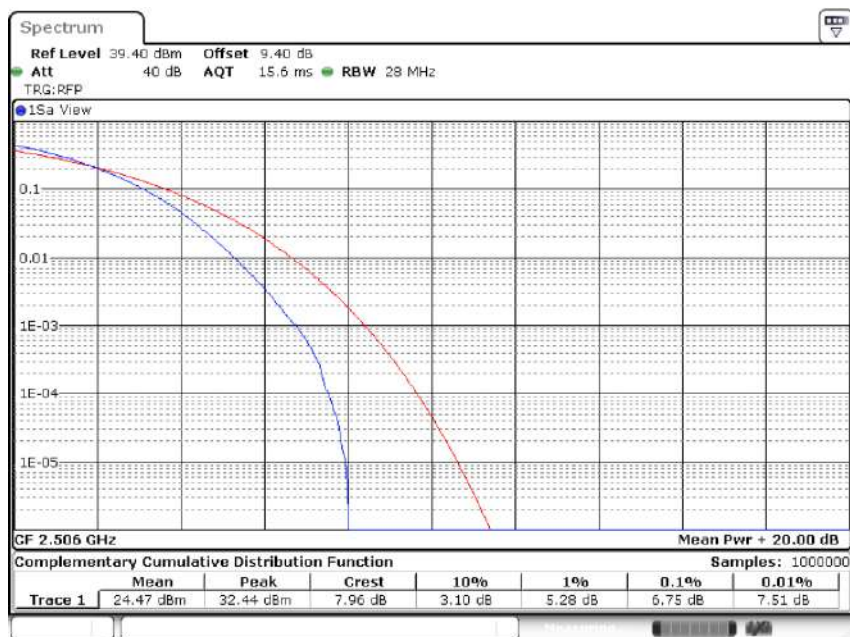
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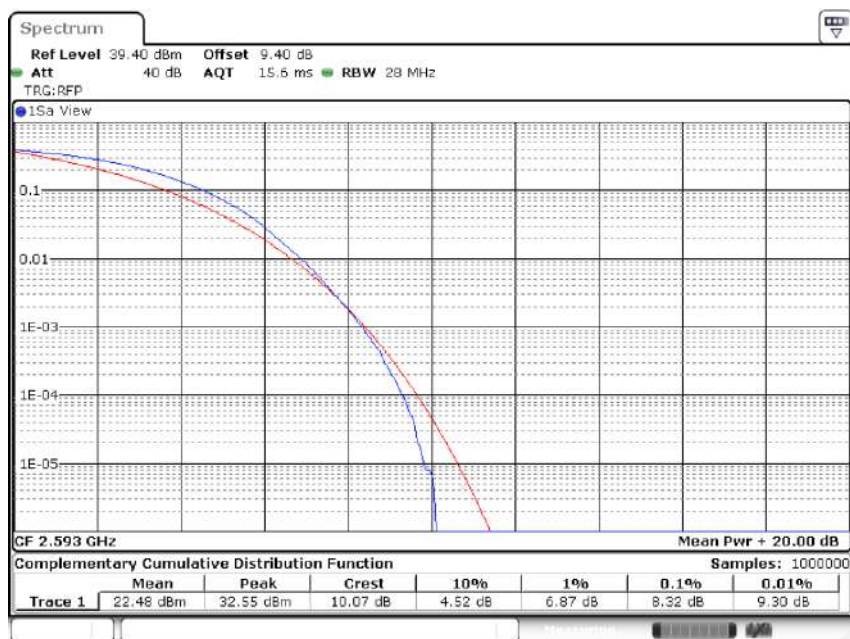
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## Band41-20MHz-64QAM-39750-100RB#0



Date: 10 DEC. 2020 13:31:45

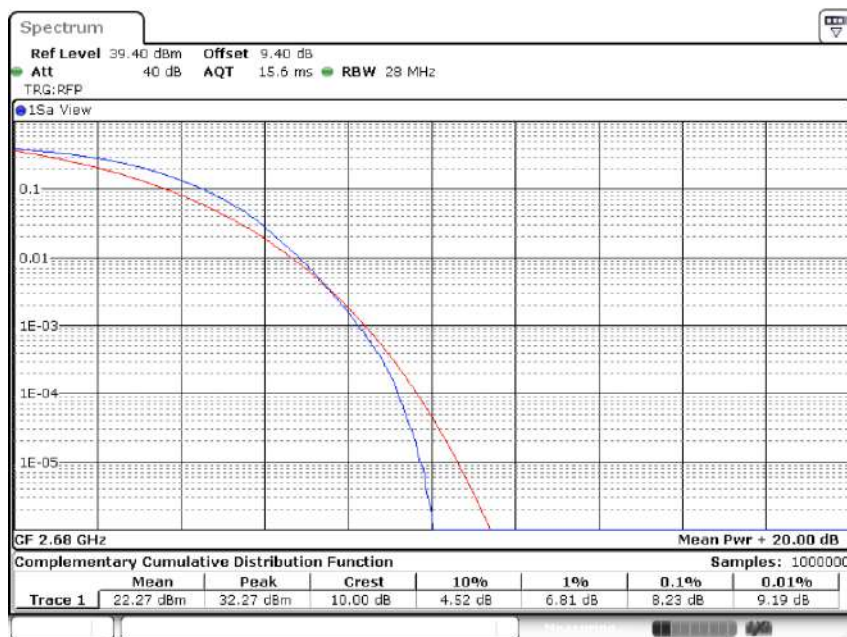
## Band41-20MHz-64QAM-40620-100RB#0



Date: 10 DEC. 2020 13:31:56

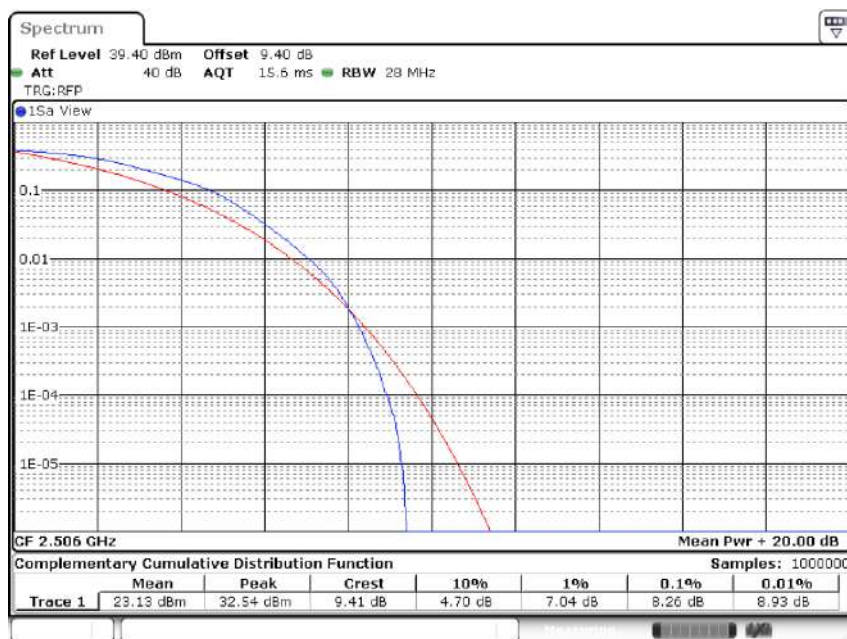


## Band41-20MHz-64QAM-41490-100RB#0



Date: 10 DEC. 2020 13:32:08

## Band41-20MHz-16QAM-39750-100RB#0



Date: 10 DEC. 2020 13:05:33



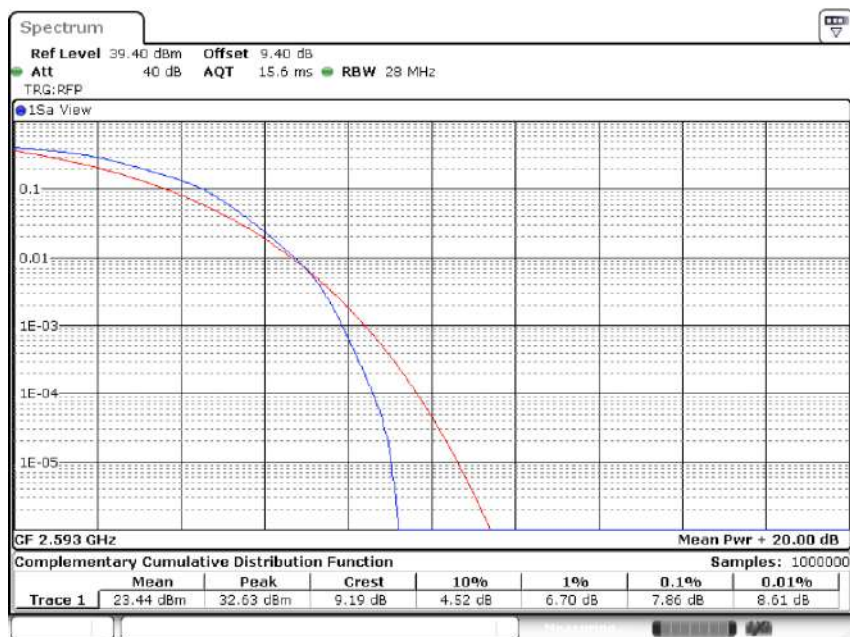
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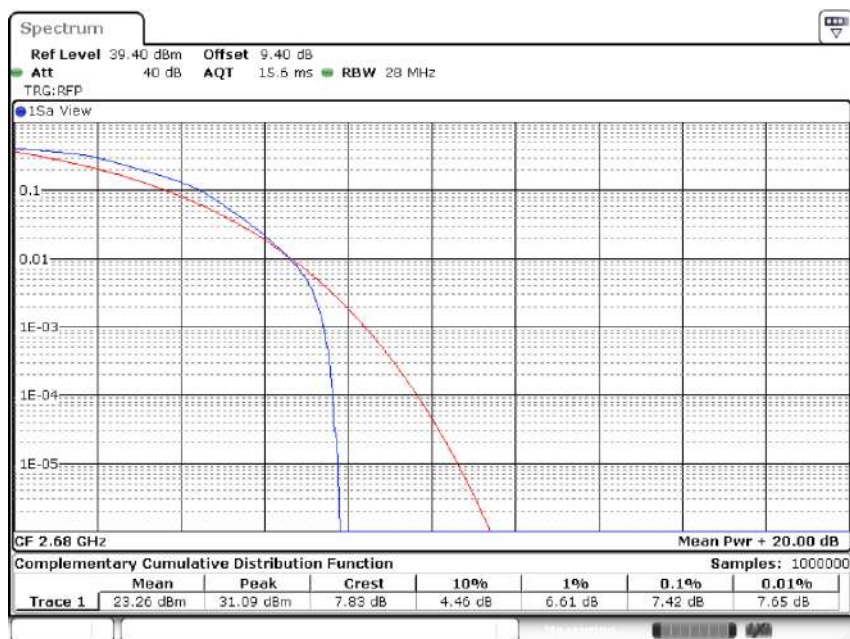
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## Band41-20MHz-16QAM-40620-100RB#0



Date: 10 DEC. 2020 13:05:56

## Band41-20MHz-16QAM-41490-100RB#0



Date: 10 DEC. 2020 13:06:19

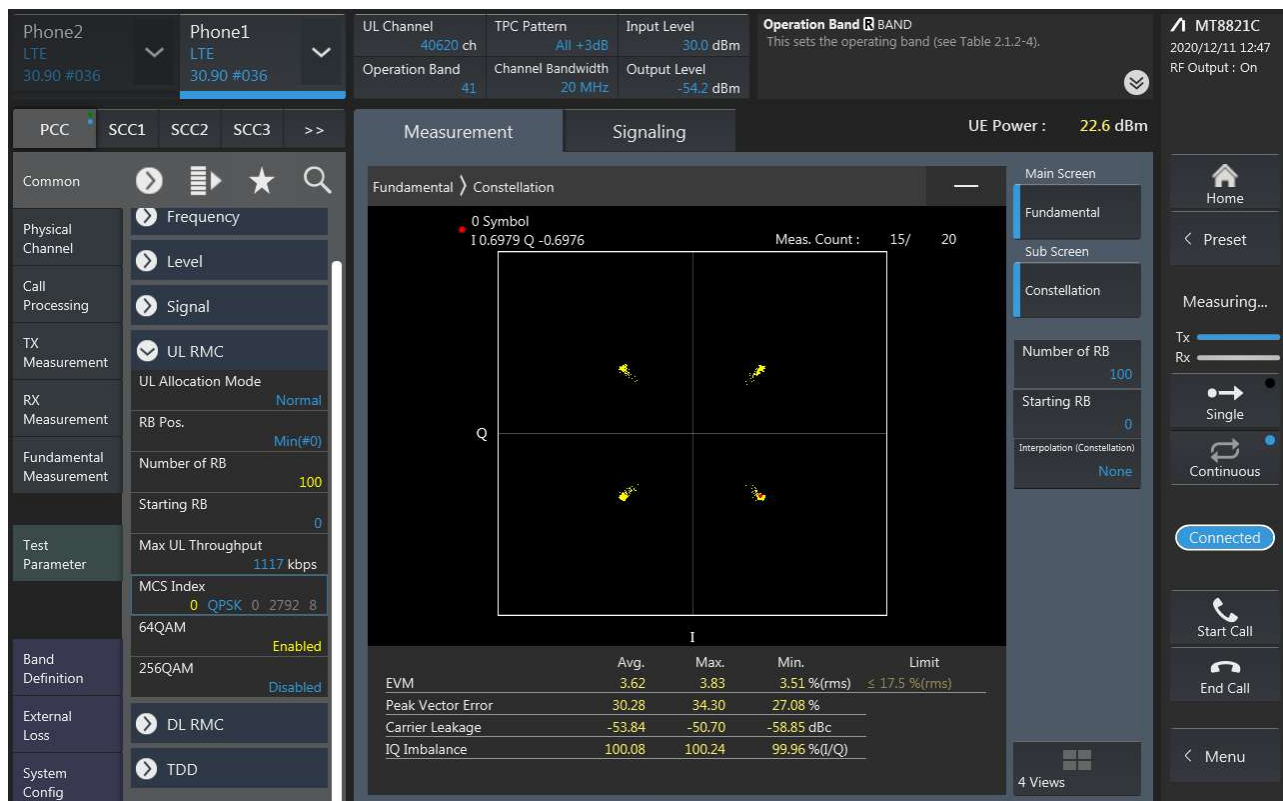




### 3. Modulation Characteristics

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

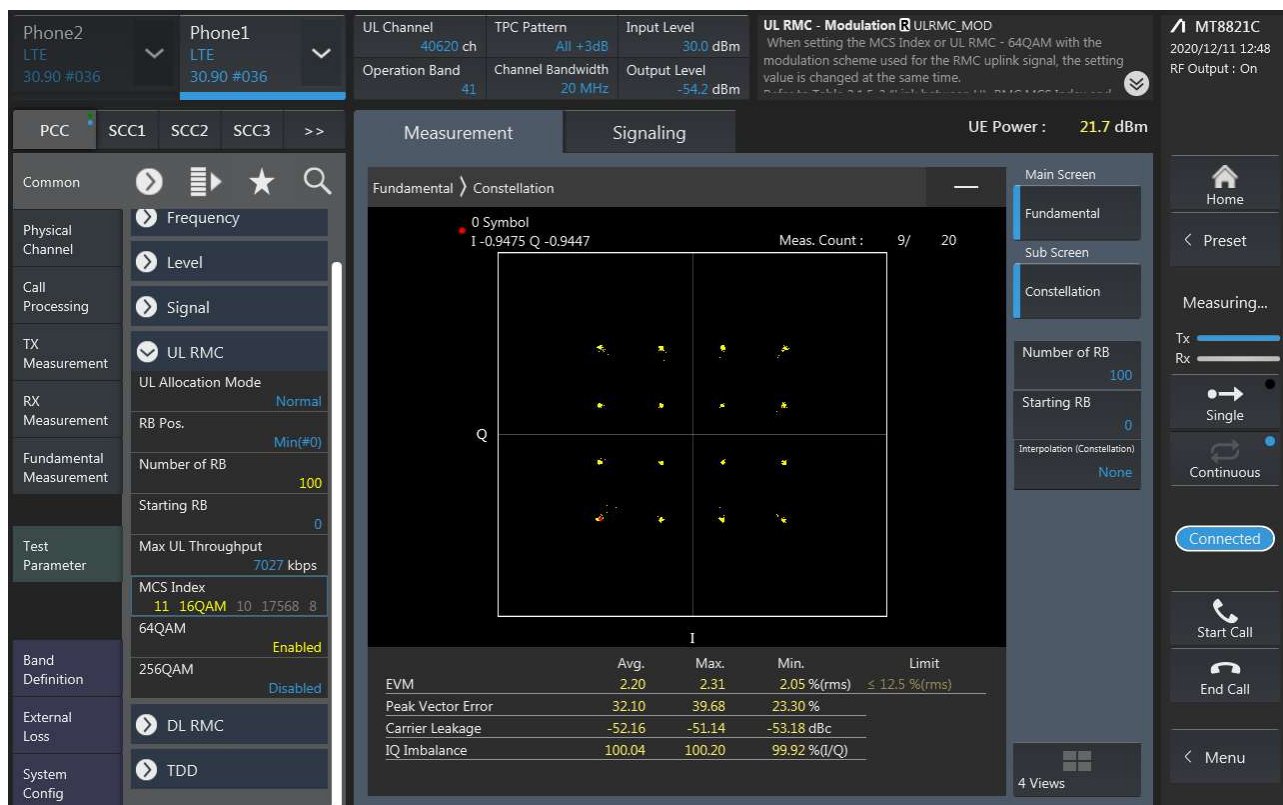
##### 3.1.1. Test Channel = MCH





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

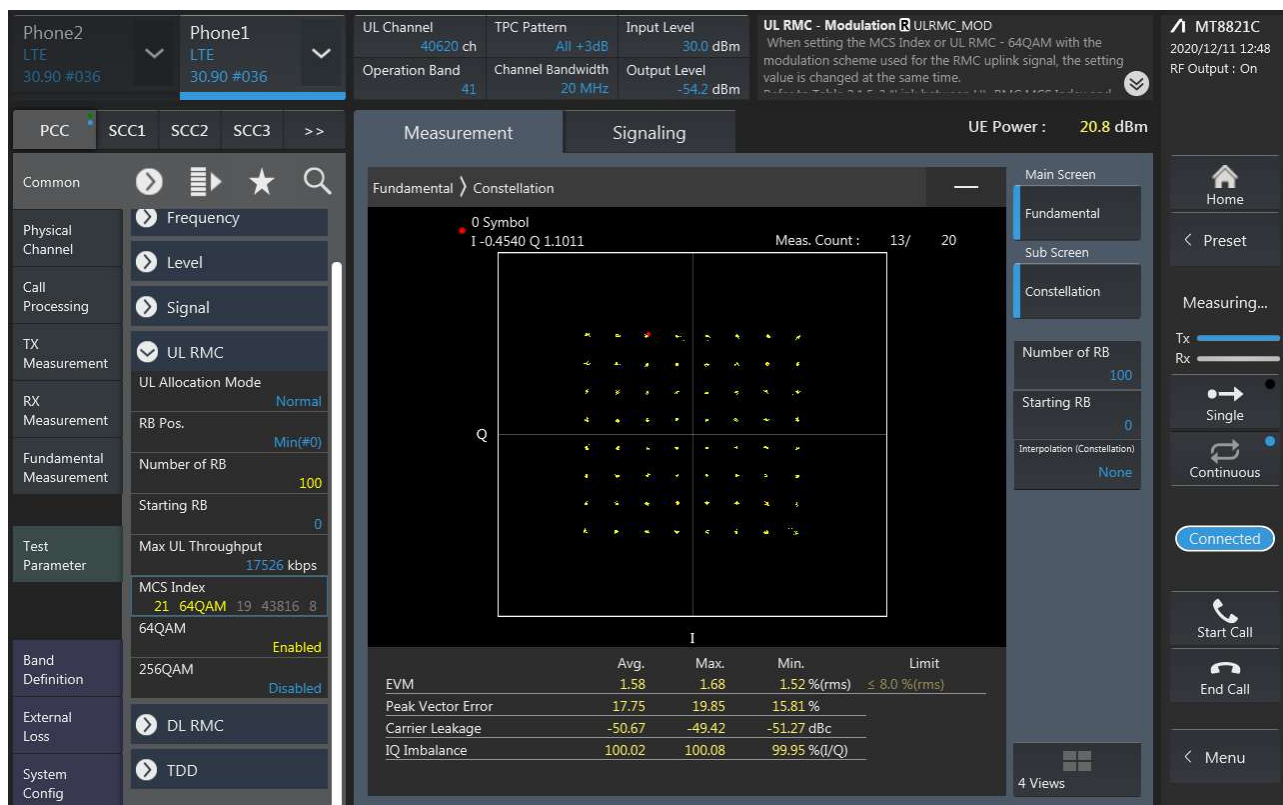
### 3.2.1. Test Channel = MCH





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

#### 3.3.1. Test Channel = MCH





## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.466                    | 4.870                | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.456                    | 4.880                | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.466                    | 4.860                | PASS    |
| Band41 | 5MHz      | 64QAM      | 39675   | 25RB#0           | 4.466                    | 4.920                | PASS    |
| Band41 | 5MHz      | 64QAM      | 40620   | 25RB#0           | 4.476                    | 4.940                | PASS    |
| Band41 | 5MHz      | 64QAM      | 41565   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.476                    | 4.930                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.496                    | 4.850                | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.496                    | 4.940                | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.931                    | 9.680                | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.911                    | 9.700                | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.931                    | 9.740                | PASS    |
| Band41 | 10MHz     | 64QAM      | 39700   | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band41 | 10MHz     | 64QAM      | 40620   | 50RB#0           | 8.931                    | 9.680                | PASS    |
| Band41 | 10MHz     | 64QAM      | 41540   | 50RB#0           | 8.931                    | 9.660                | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 8.931                    | 9.620                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.911                    | 9.660                | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 8.911                    | 9.660                | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.457                   | 14.730               | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.457                   | 14.730               | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.487                   | 14.700               | PASS    |
| Band41 | 15MHz     | 64QAM      | 39725   | 75RB#0           | 13.427                   | 14.700               | PASS    |
| Band41 | 15MHz     | 64QAM      | 40620   | 75RB#0           | 13.427                   | 14.760               | PASS    |
| Band41 | 15MHz     | 64QAM      | 41515   | 75RB#0           | 13.427                   | 14.730               | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.427                   | 14.640               | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.427                   | 14.700               | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.487                   | 14.670               | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 17.902                   | 19.400               | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 17.862                   | 19.400               | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 17.902                   | 19.360               | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0          | 17.862                   | 19.440               | PASS    |



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|        |       |       |       |         |        |        |      |
|--------|-------|-------|-------|---------|--------|--------|------|
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 17.862 | 19.440 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 17.902 | 19.400 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 17.862 | 19.280 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 17.862 | 19.280 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 17.902 | 19.440 | PASS |

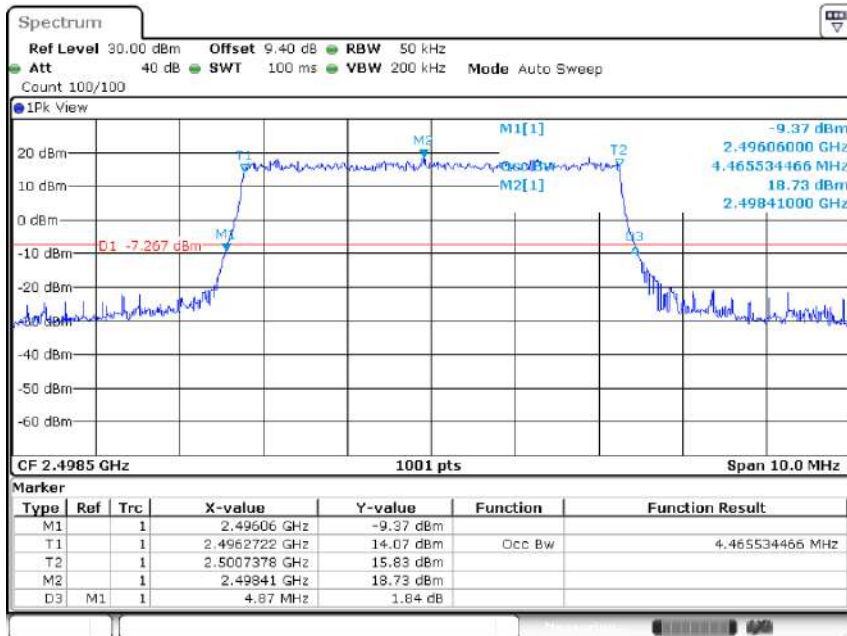


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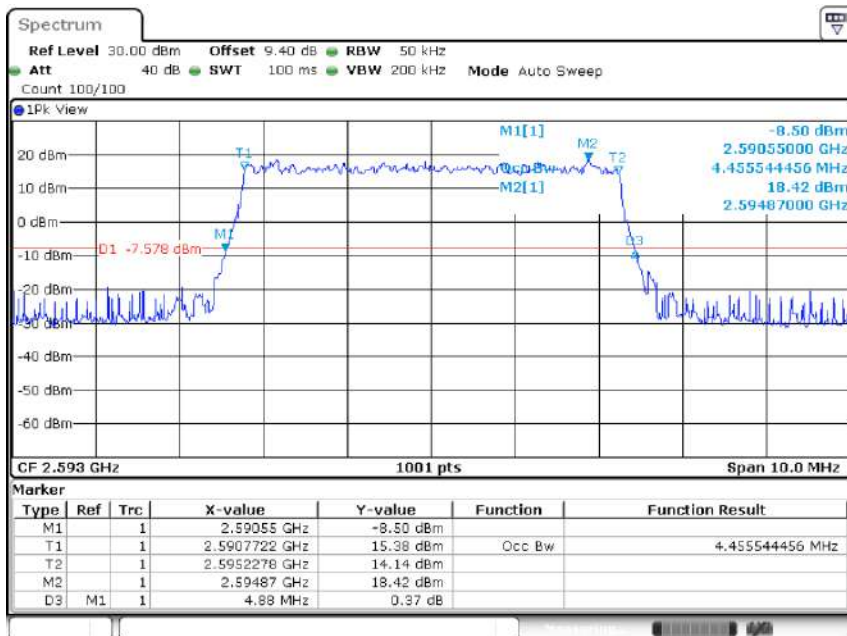
## 4.2. Test Plots

Band41-5MHz-QPSK-39675-25RB#0-4.466



Date: 10 DEC.2020 12:43:03

Band41-5MHz-QPSK-40620-25RB#0-4.456



Date: 10 DEC.2020 12:43:43



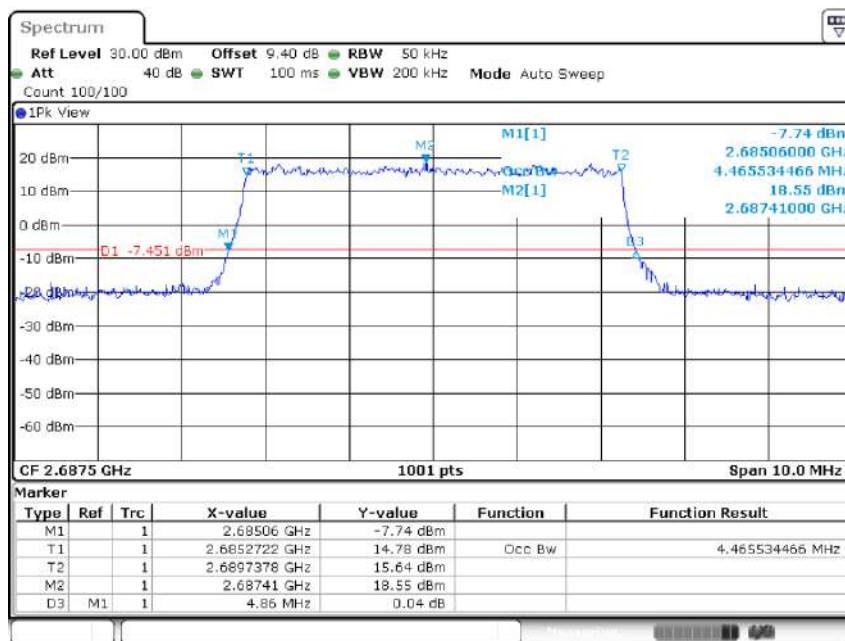
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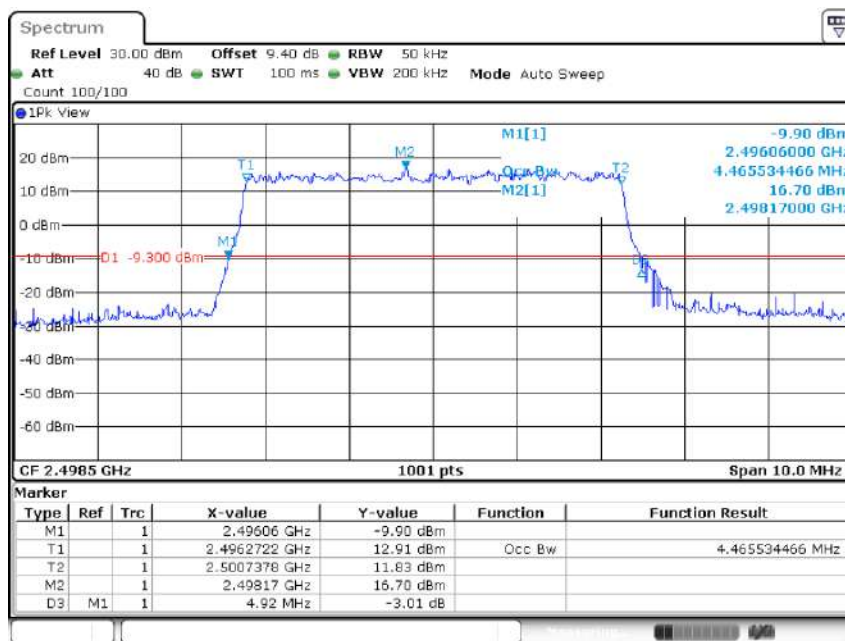
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## Band41-5MHz-QPSK-41565-25RB#0-4.466



Date: 10 DEC. 2020 12:44:23

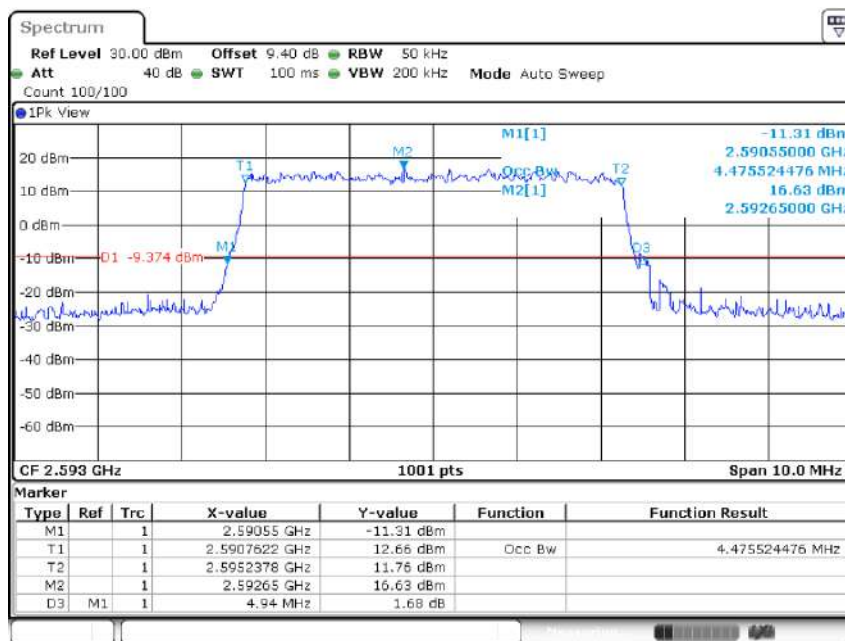
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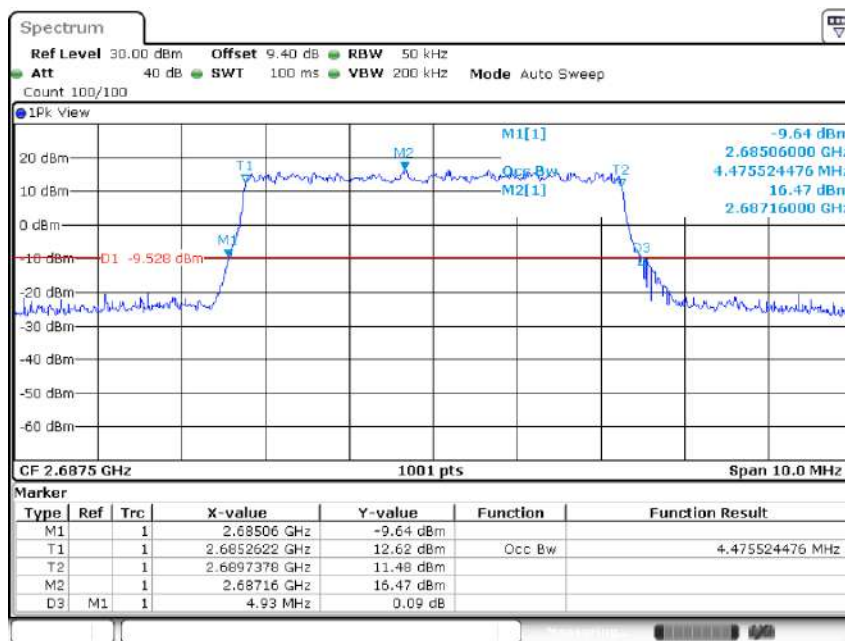


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Date: 10 DEC. 2020 13:20:00

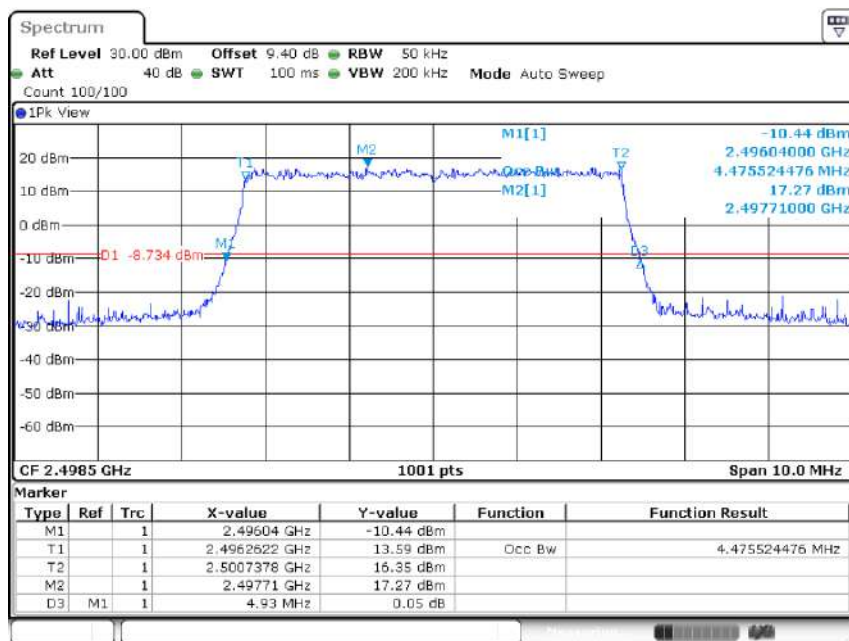
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Date: 10 DEC. 2020 13:20:19

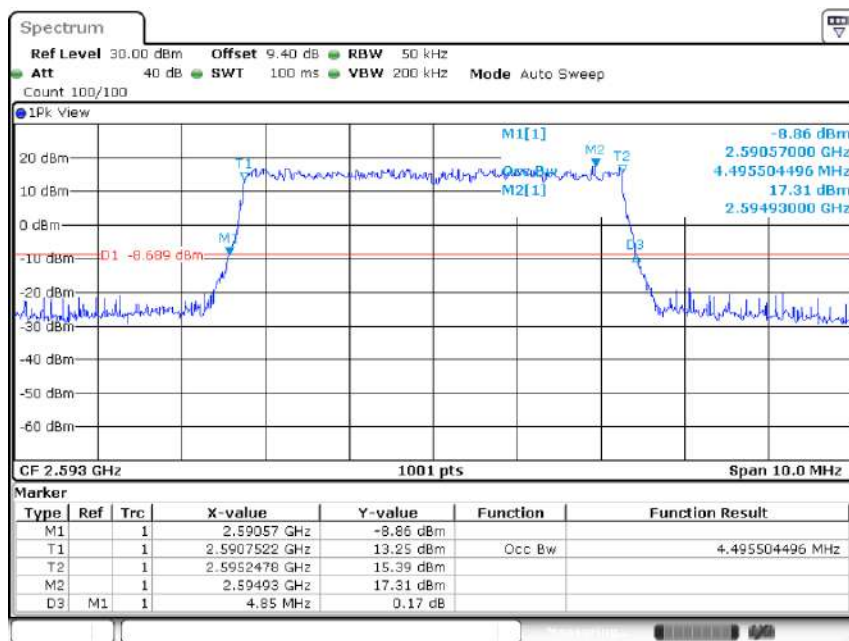


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Date: 10 DEC. 2020 12:43:23

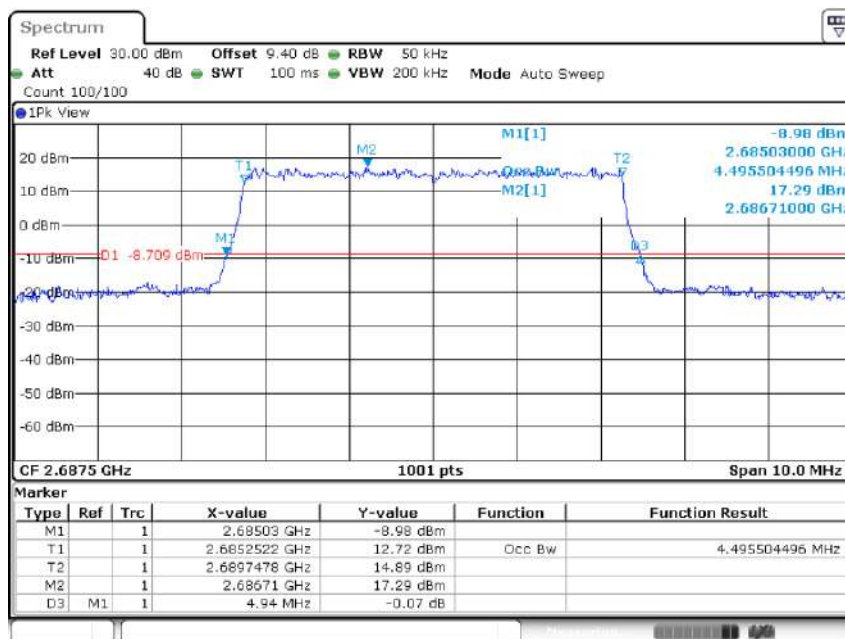
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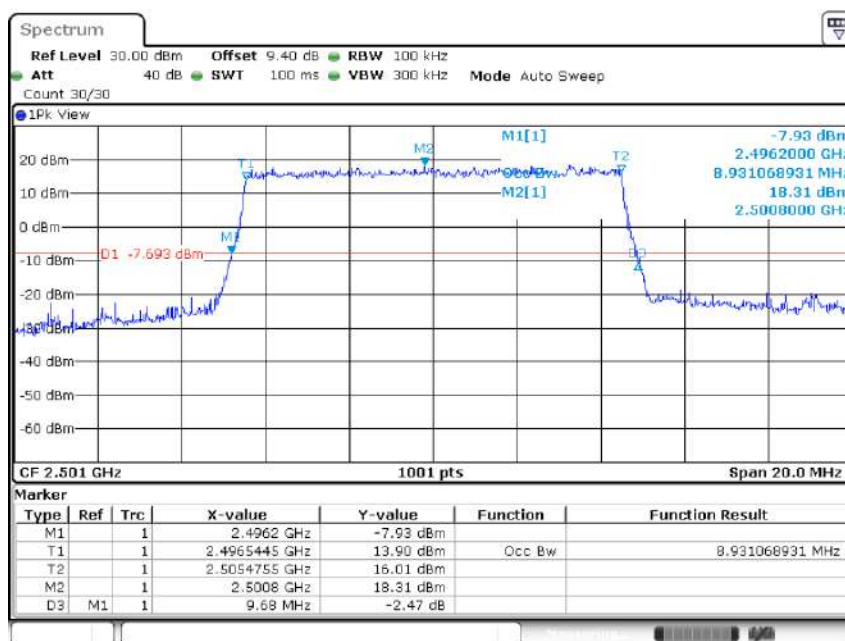


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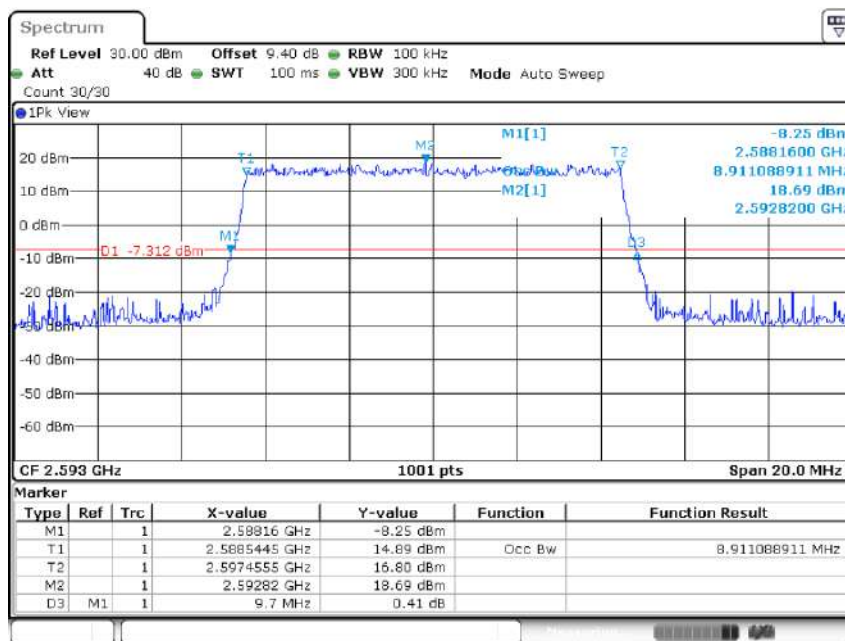
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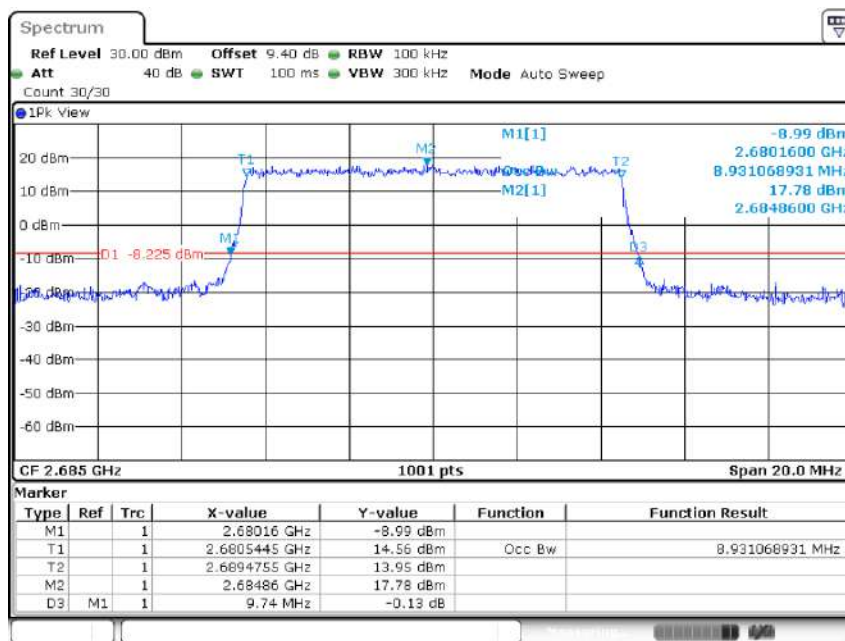


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Date: 10 DEC. 2020 12:45:27

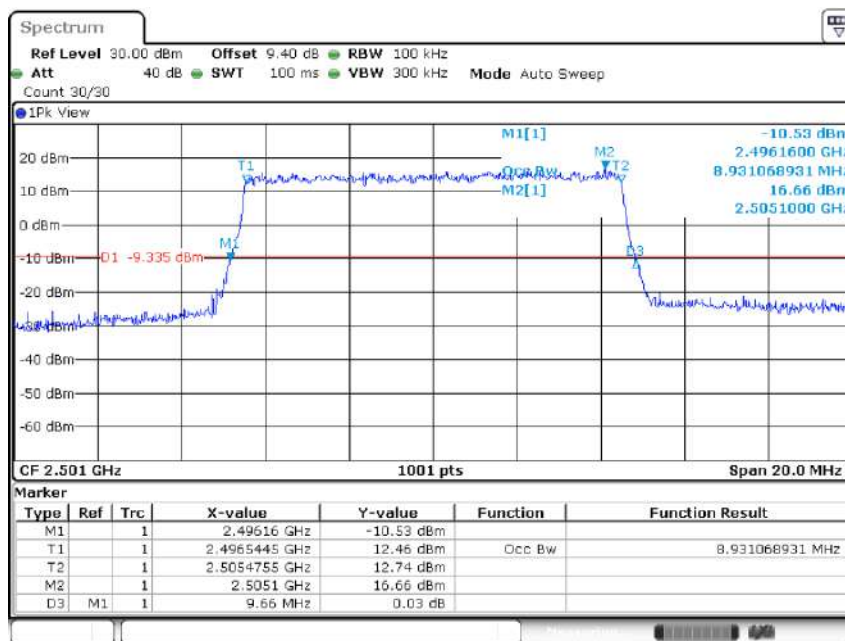
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Date: 10 DEC. 2020 12:45:53

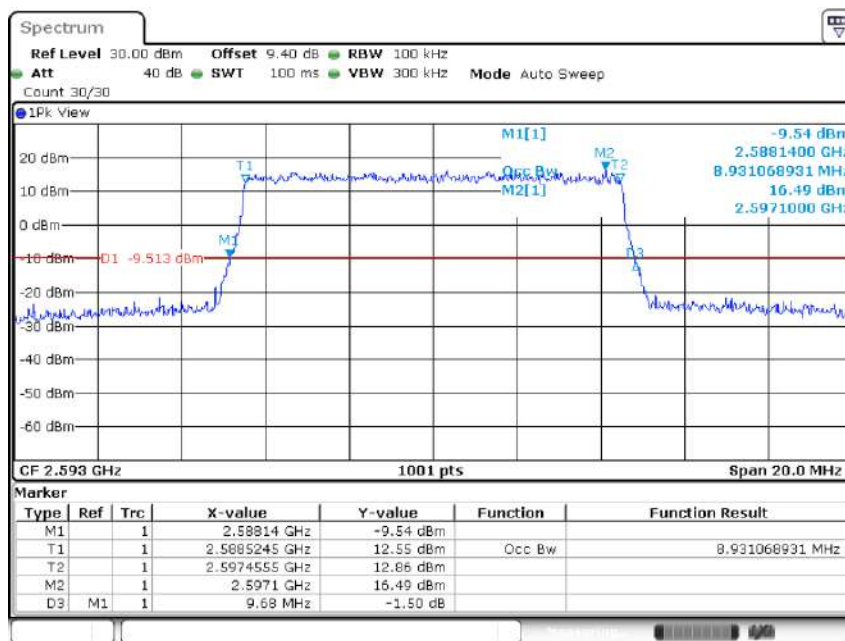


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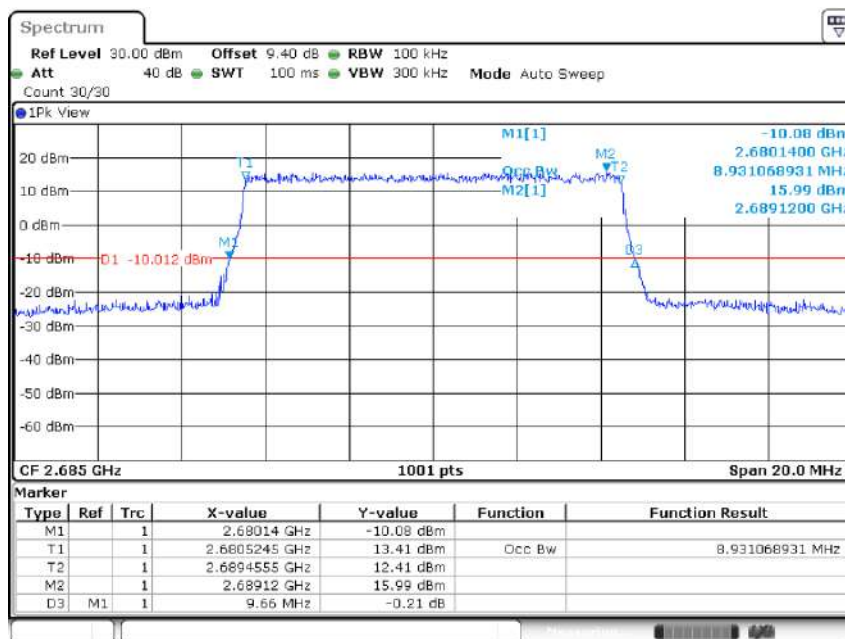
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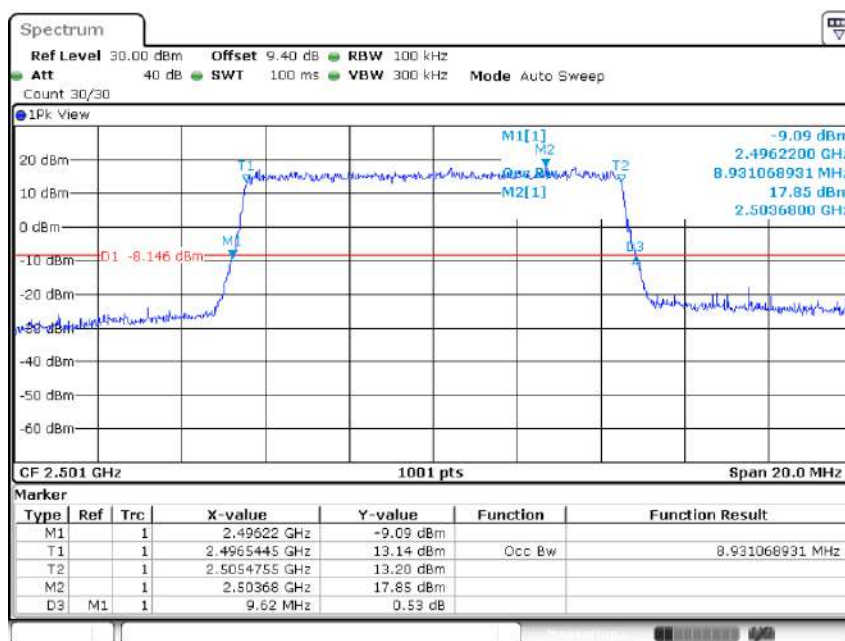


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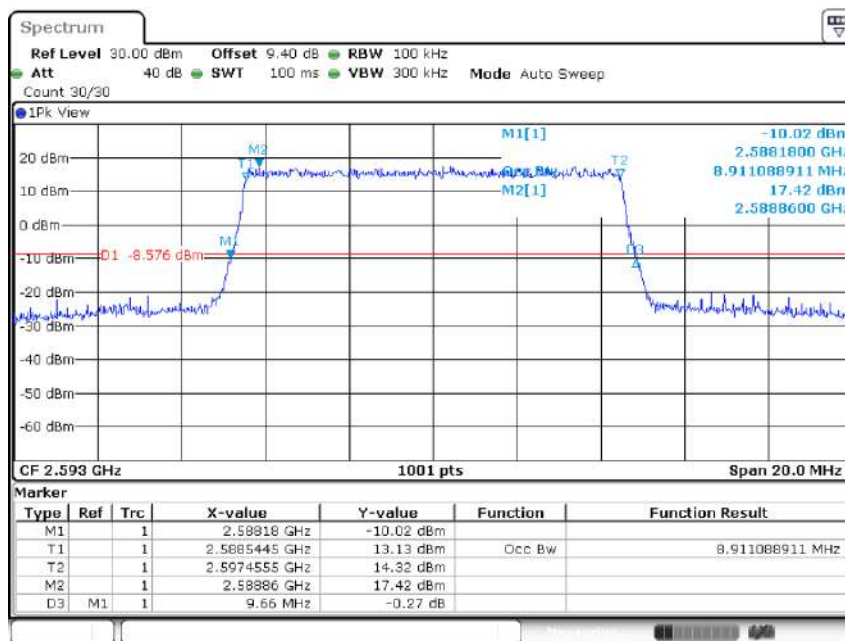
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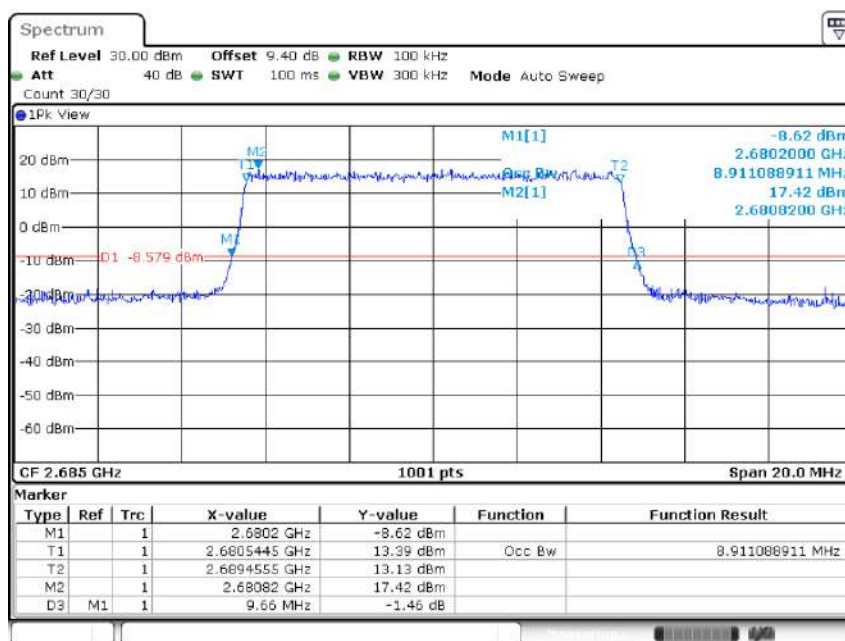


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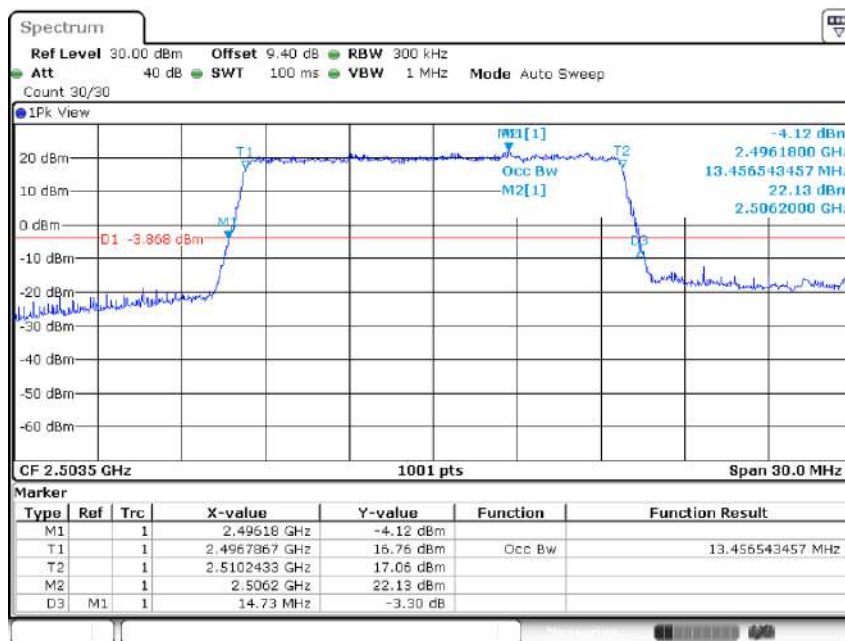
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Date: 10 DEC. 2020 12:46:06

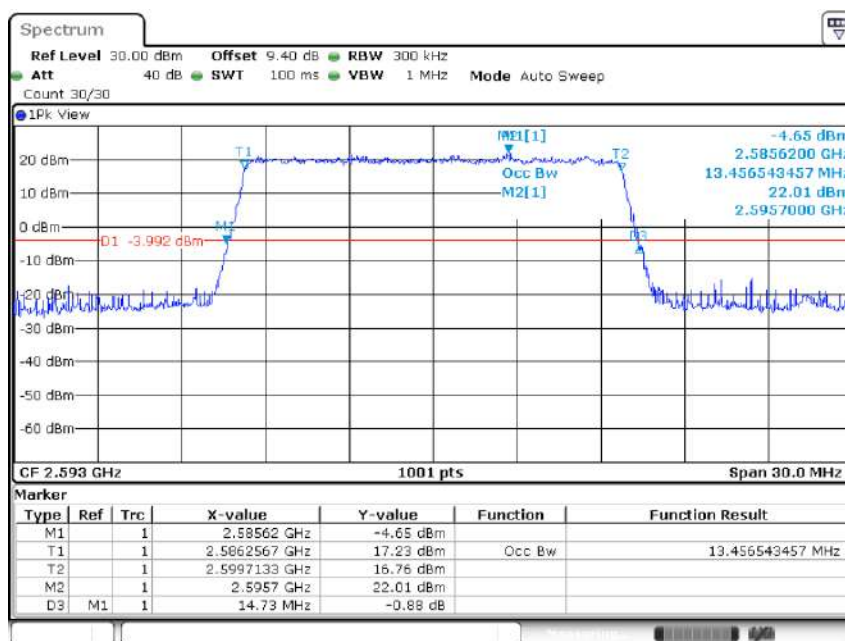


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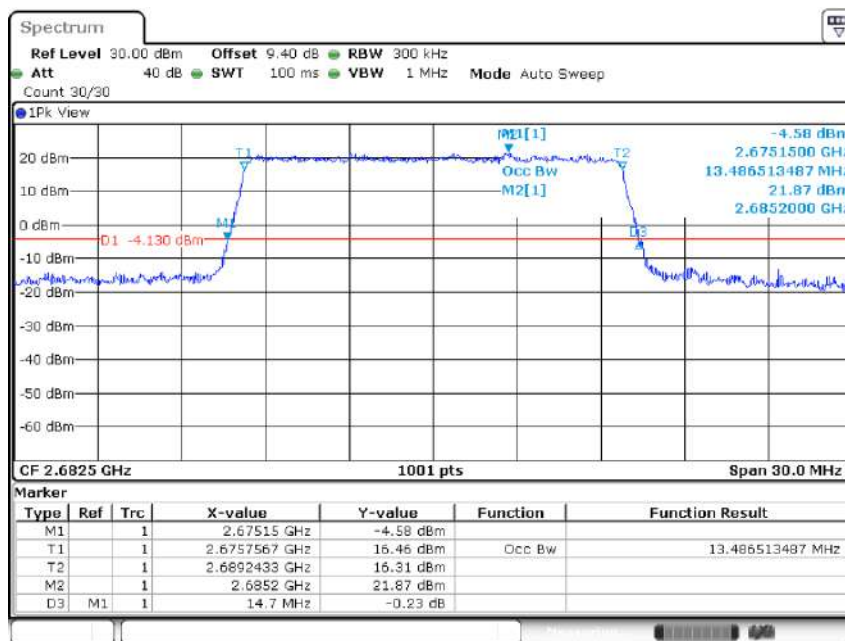
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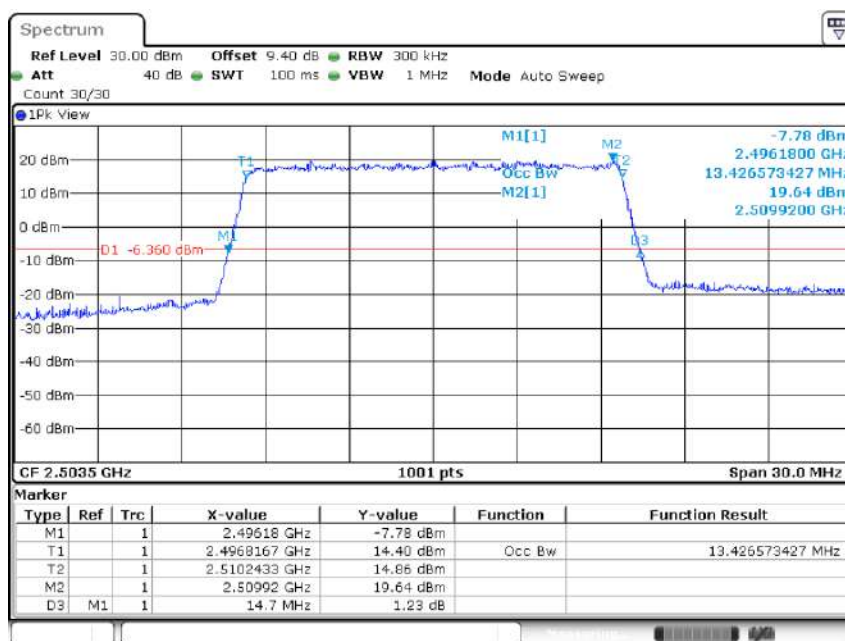


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Date: 10 DEC. 2020 12:47:16

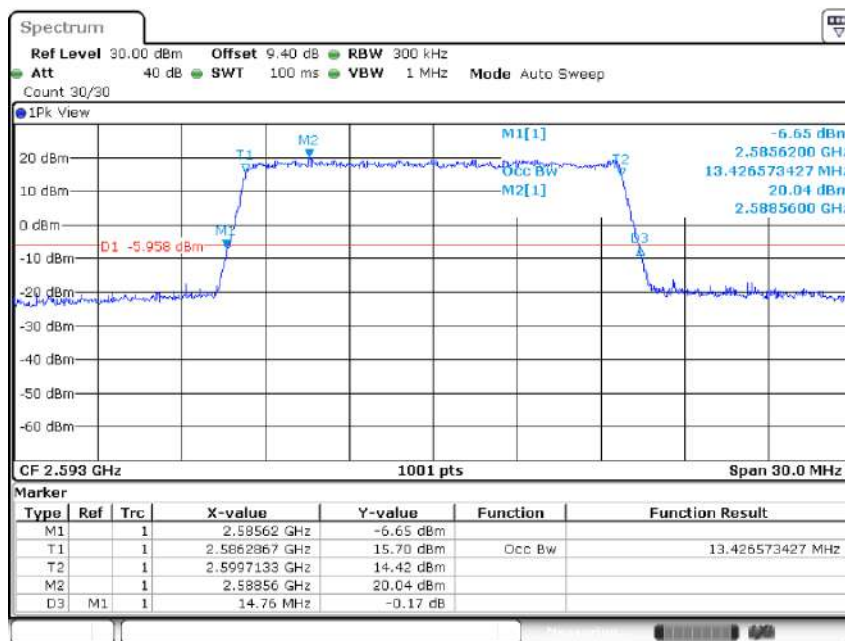
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Date: 10 DEC. 2020 13:21:25

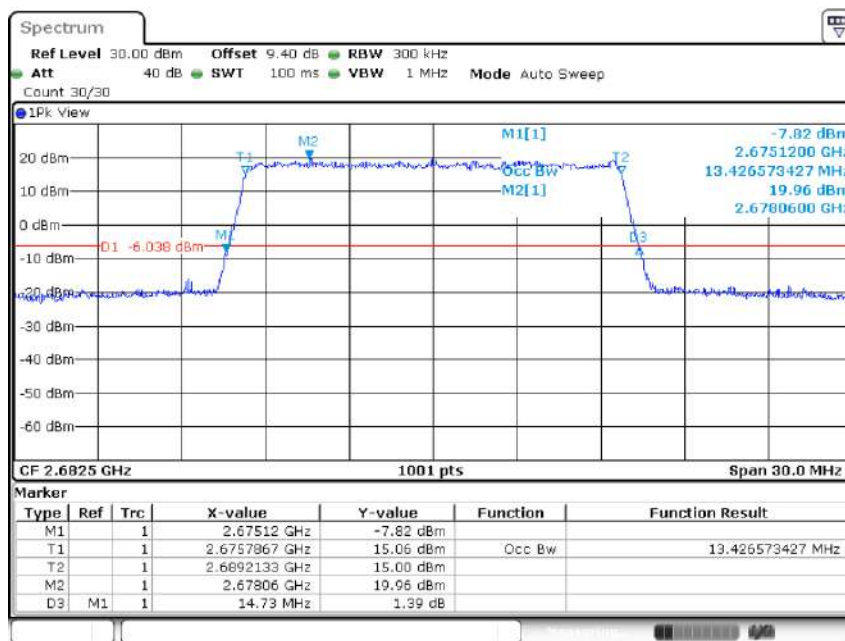


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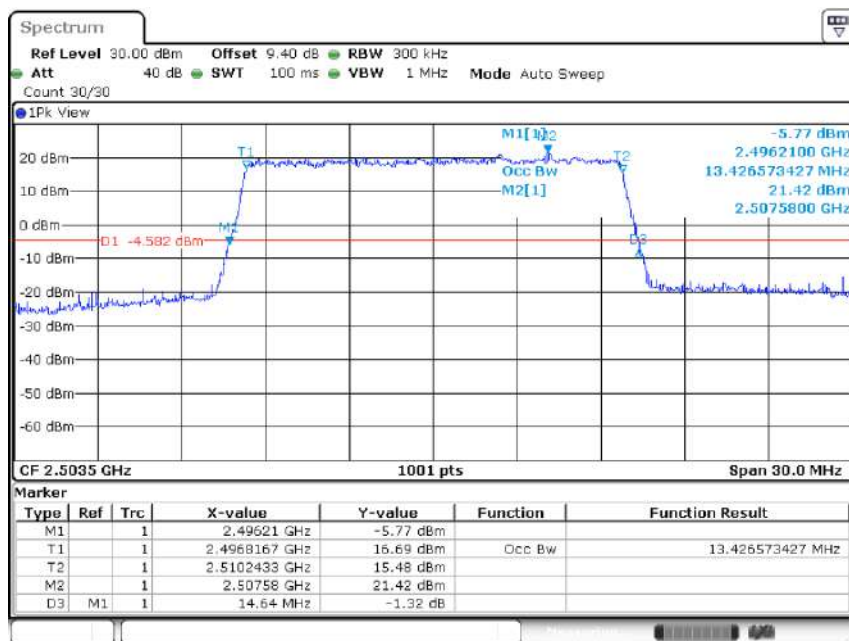
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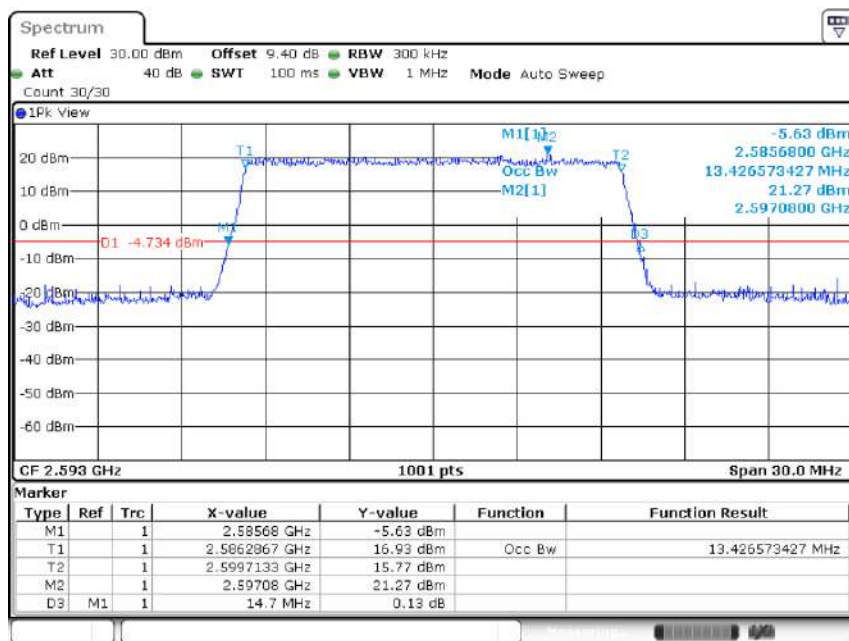


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Date: 10 DEC. 2020 12:46:37

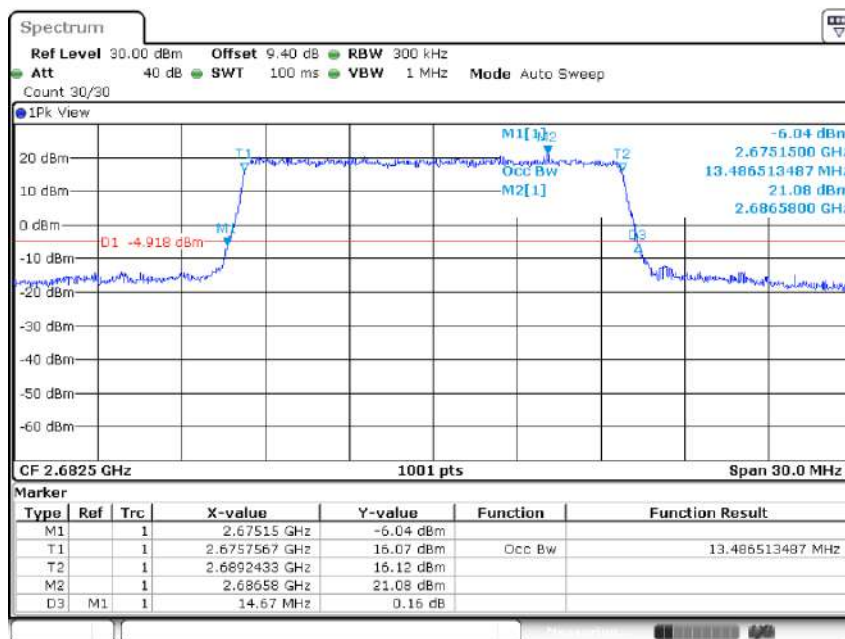
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Date: 10 DEC. 2020 12:47:03

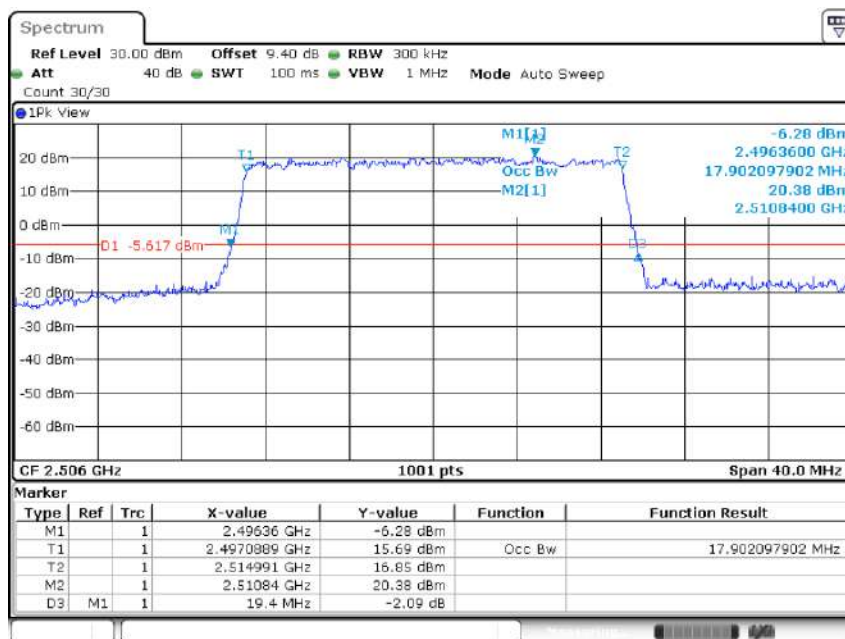


## Band41-15MHz-16QAM-41515-75RB#0-13.487



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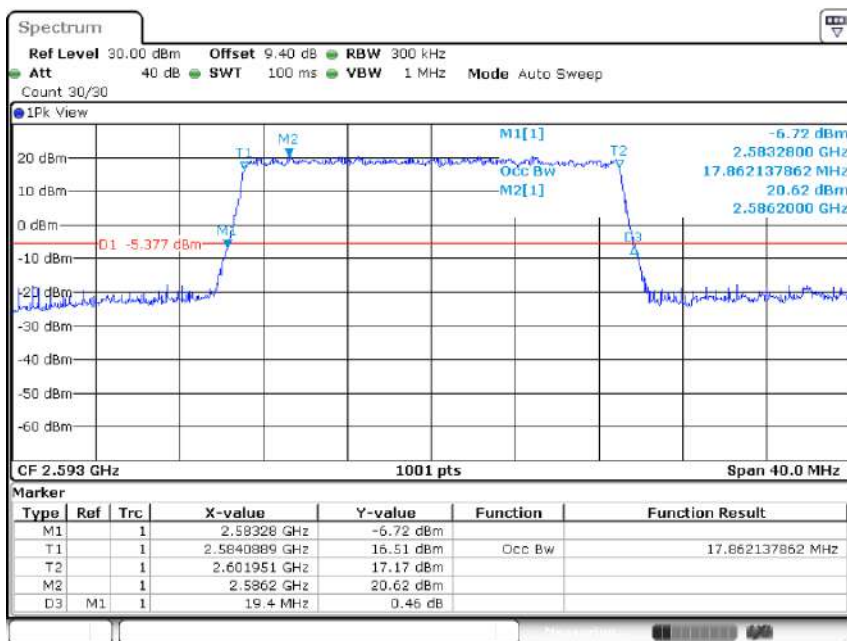
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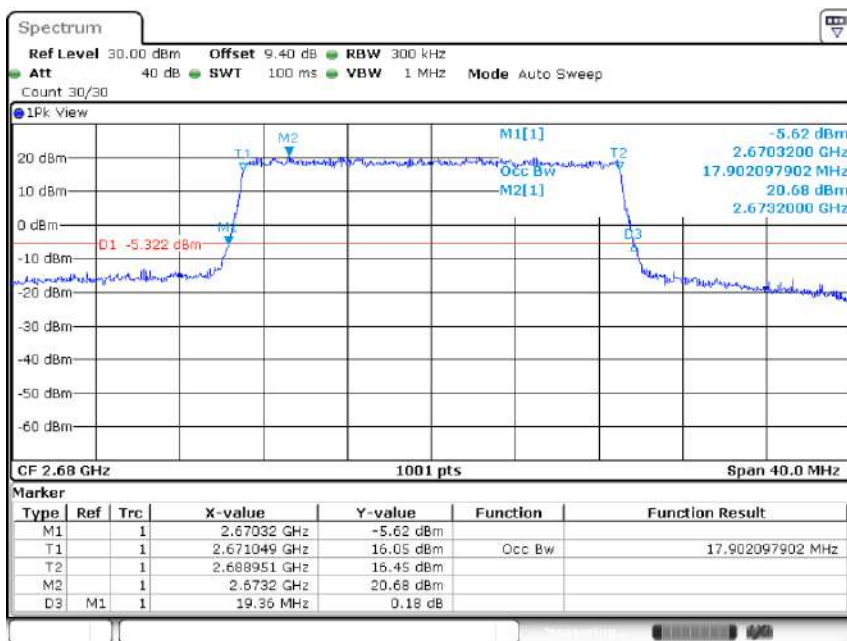


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Date: 10 DEC. 2020 12:48:13

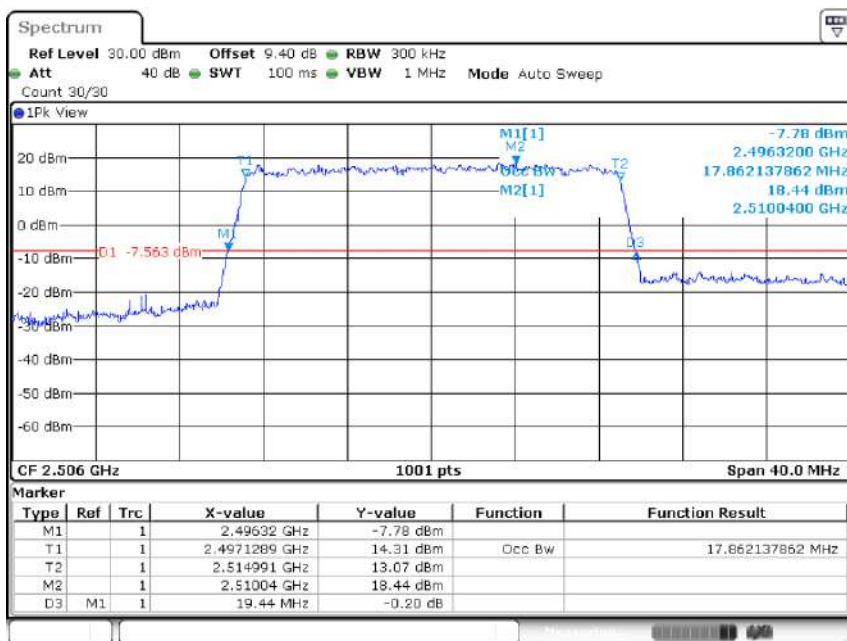
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Date: 10 DEC. 2020 12:48:39

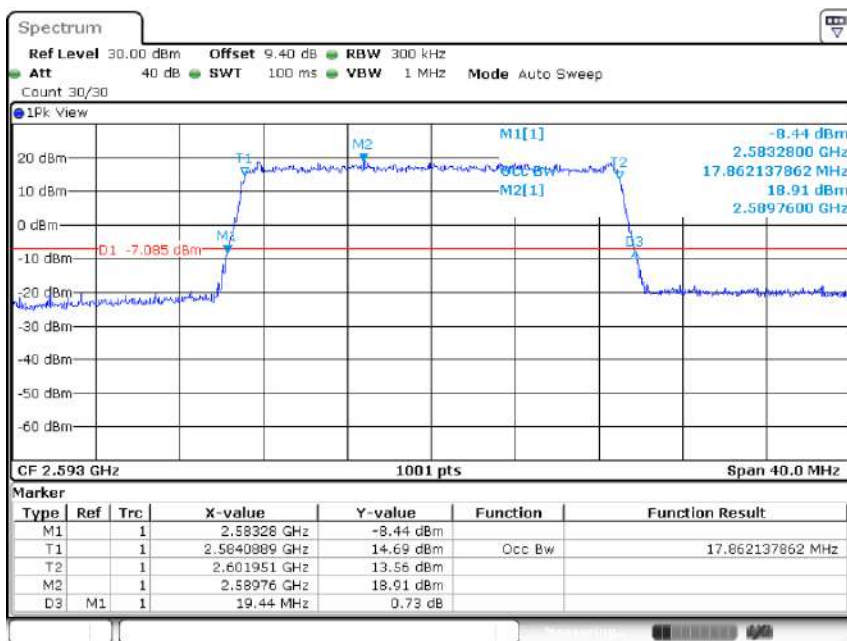


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Date: 10 DEC. 2020 13:22:11

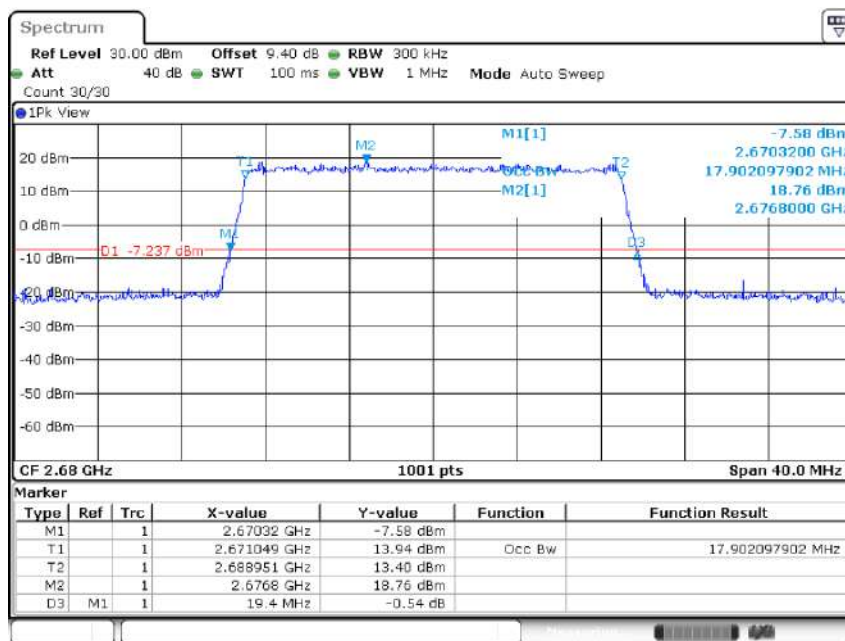
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Date: 10 DEC. 2020 13:22:24

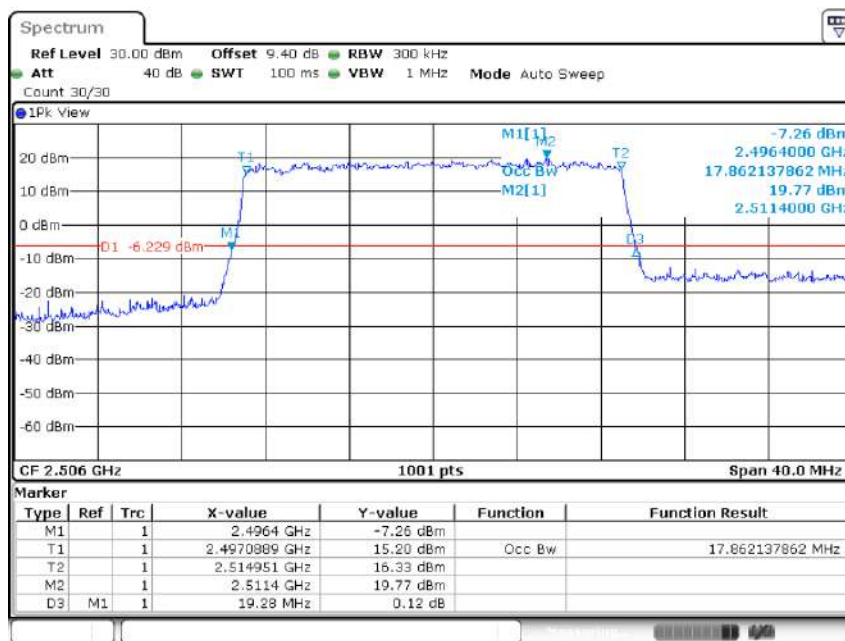


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Date: 10 DEC. 2020 13:22:36

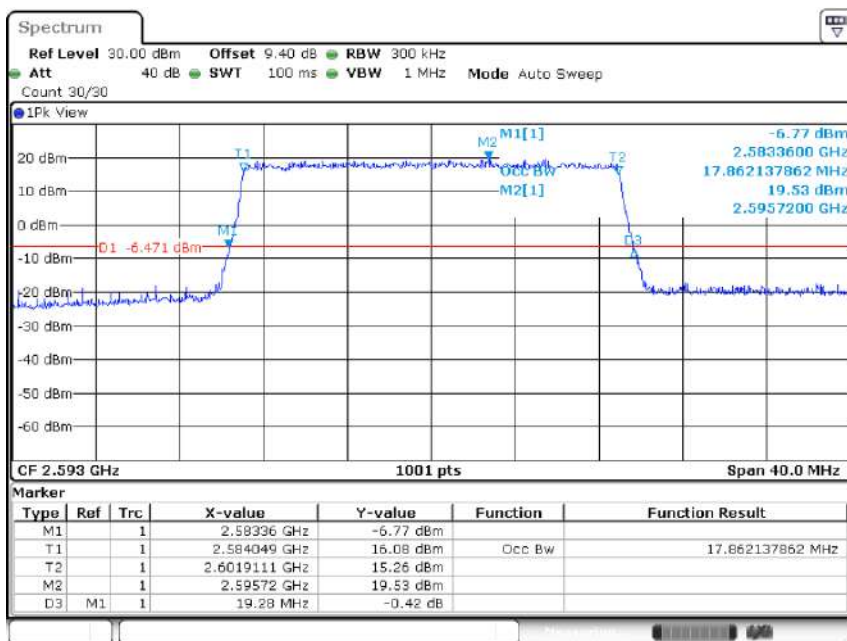
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Date: 10 DEC. 2020 12:48:00

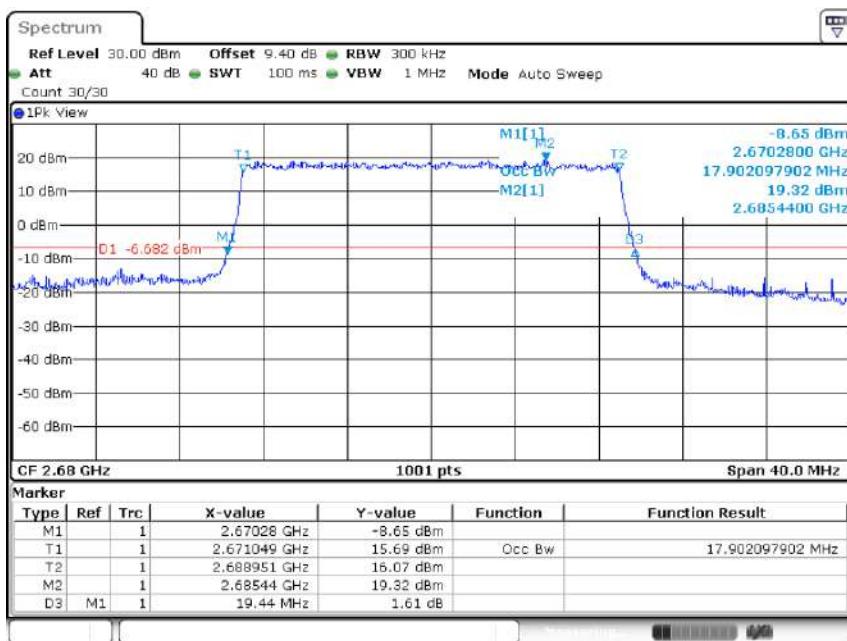


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## Band41-20MHz-16QAM-41490-100RB#0-17.902

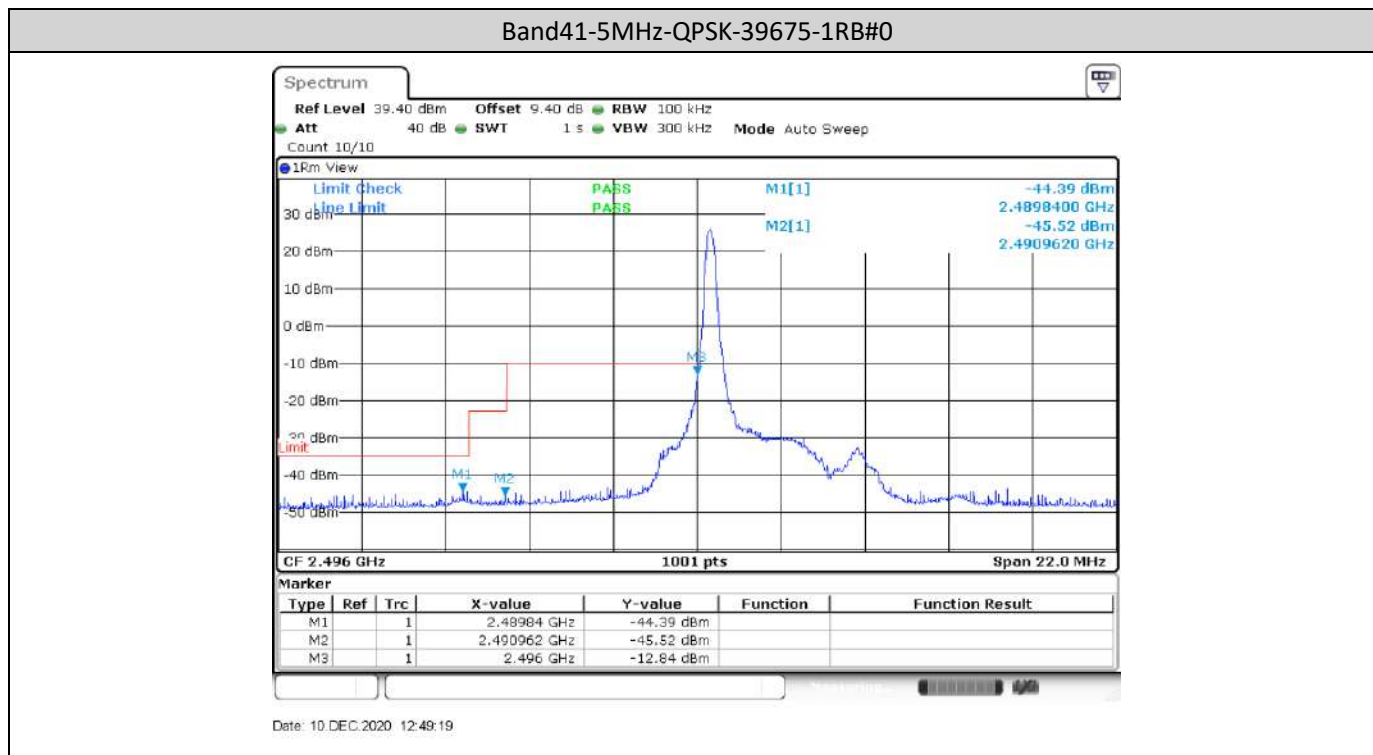


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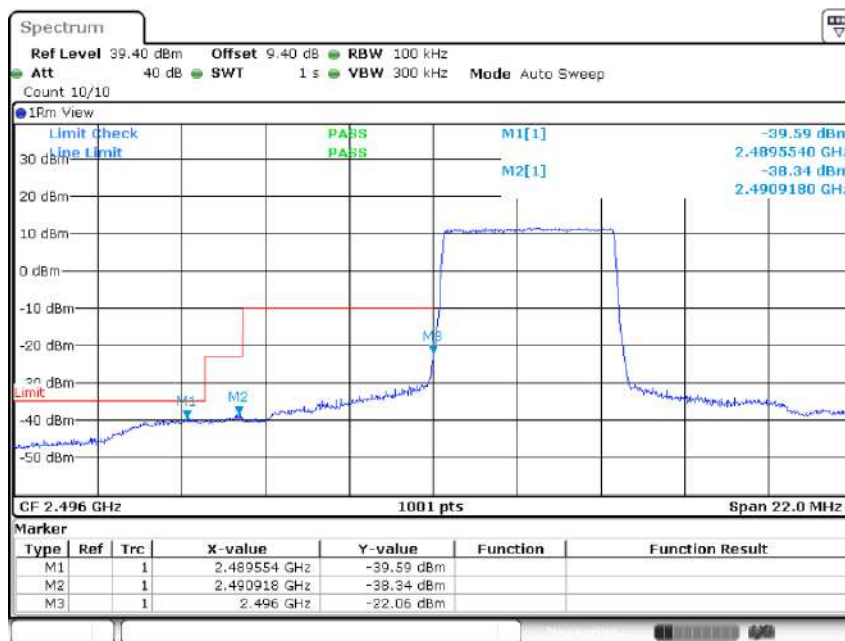


## 5. Band Edge Compliance

### 5.1. Test Plots

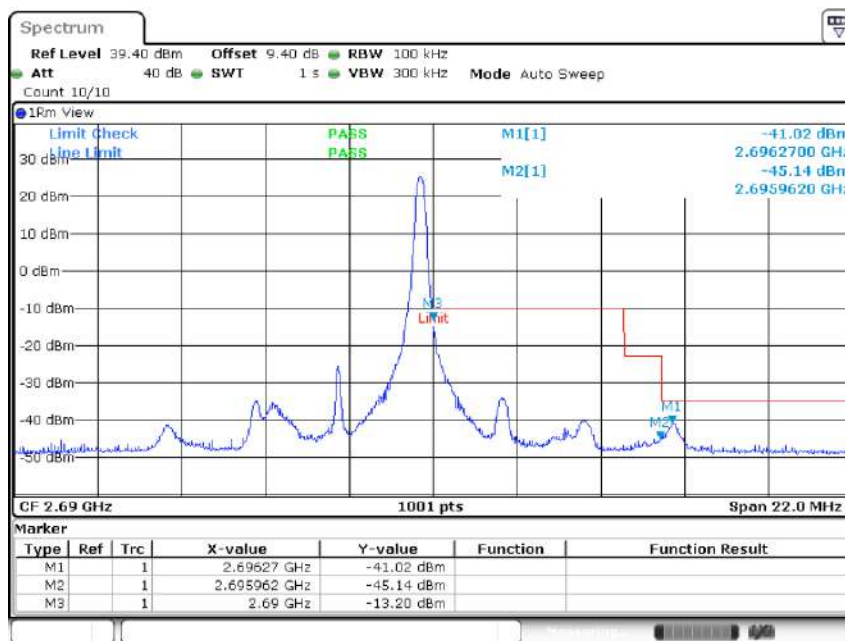


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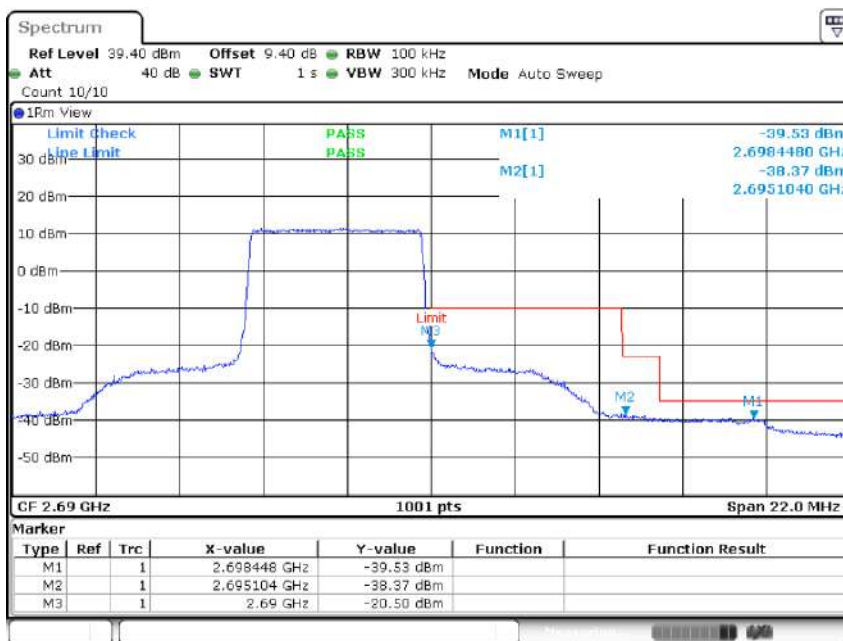
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Date: 10 DEC. 2020 12:50:07

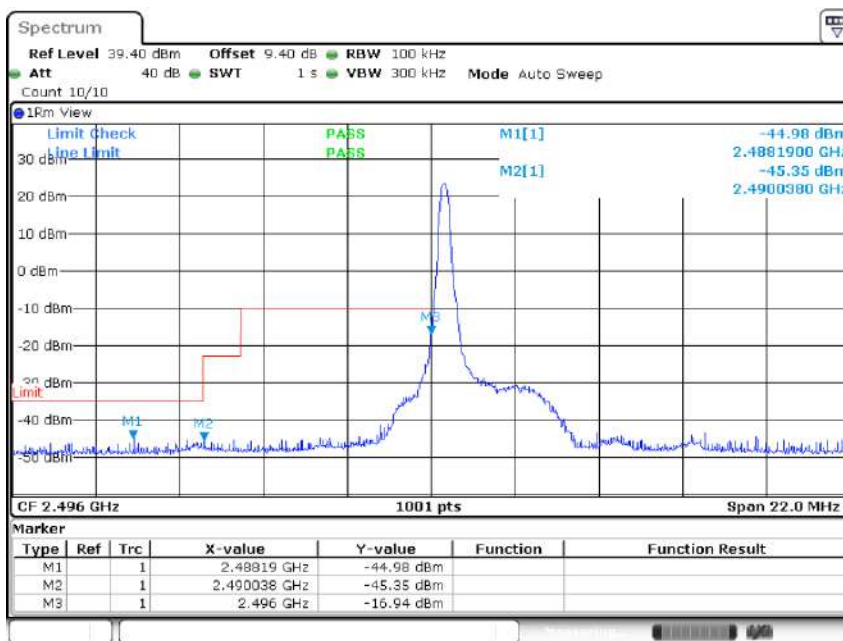


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Date: 10 DEC.2020 12:51:39

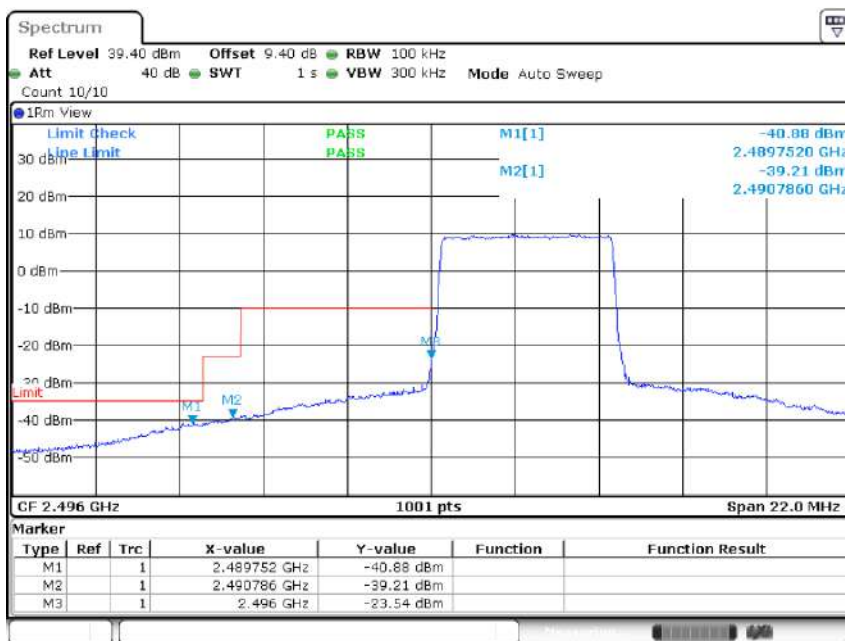
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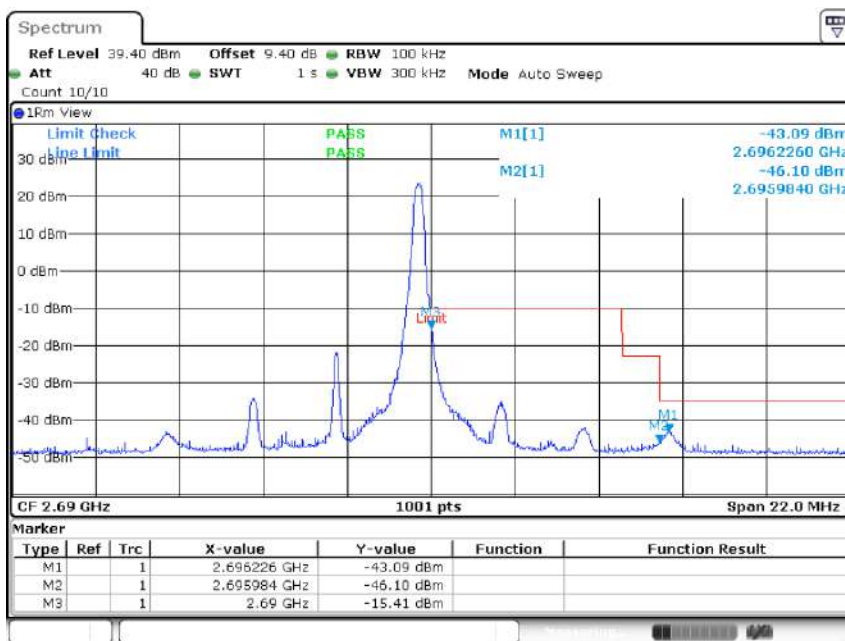


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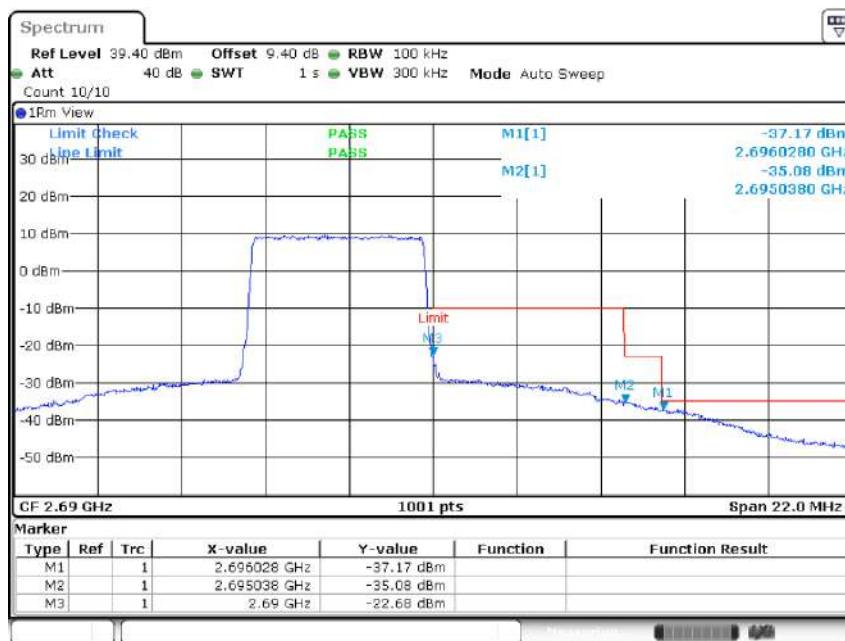
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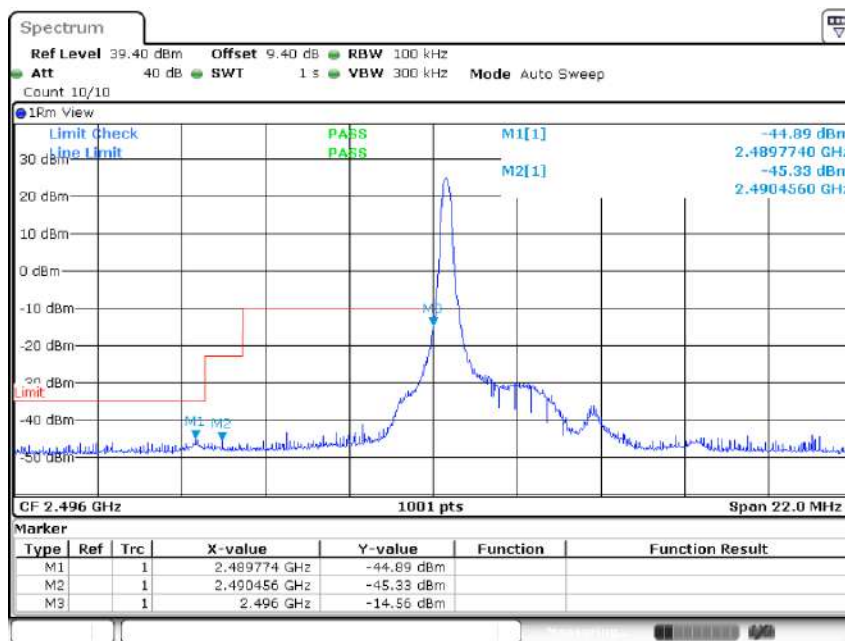


Band41-5MHz-64QAM-41565-25RB#0



Date: 10 DEC.2020 13:24:21

Band41-5MHz-16QAM-39675-1RB#0

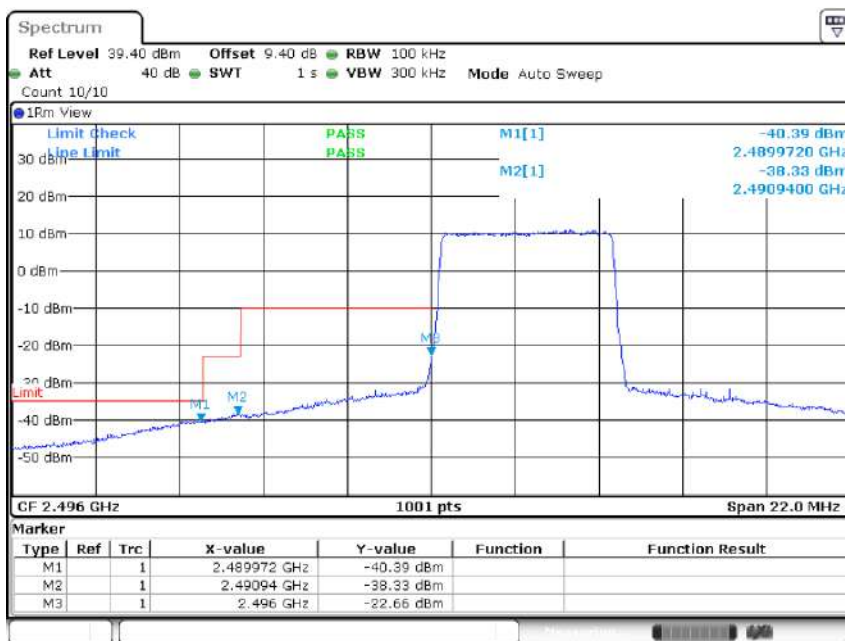


Date: 10 DEC.2020 12:49:41



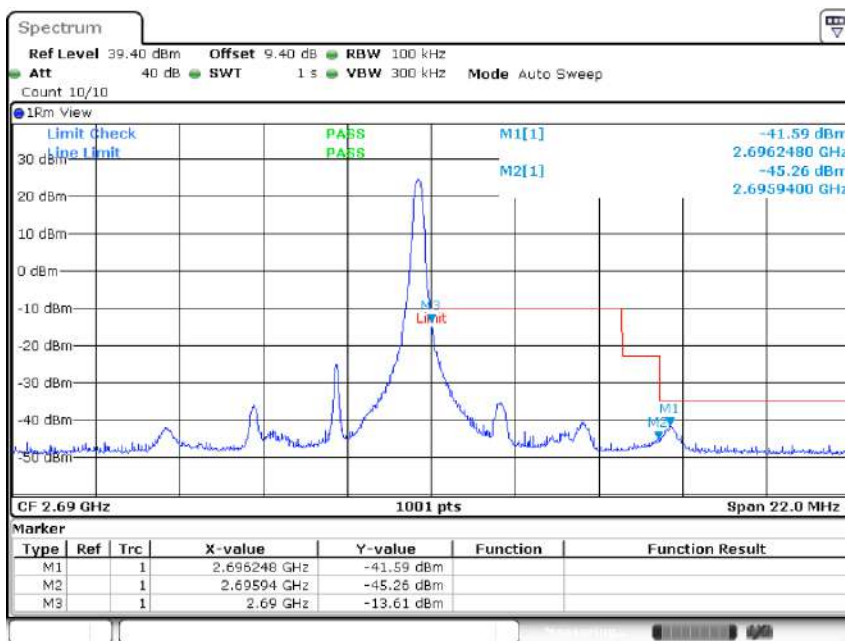
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## Band41-5MHz-16QAM-39675-25RB#0



Date: 10 DEC.2020 12:51:17

## Band41-5MHz-16QAM-41565-1RB#24



Date: 10 DEC.2020 12:50:29



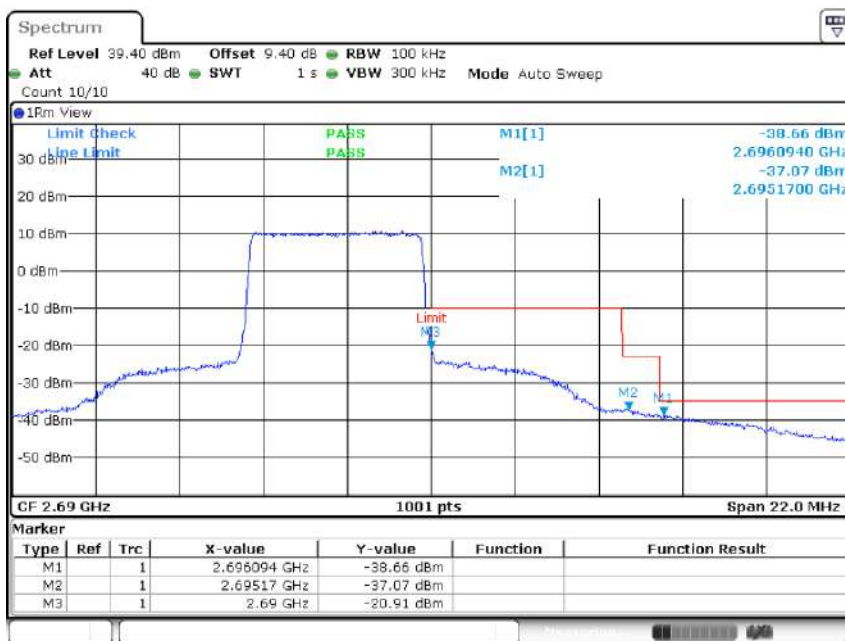
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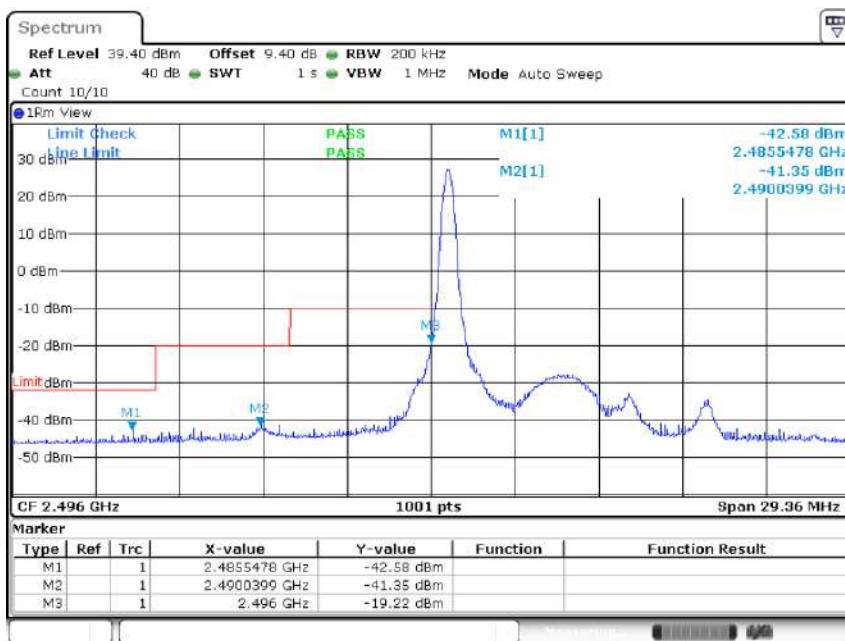
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

## Band41-5MHz-16QAM-41565-25RB#0



Date: 10 DEC. 2020 12:52:01

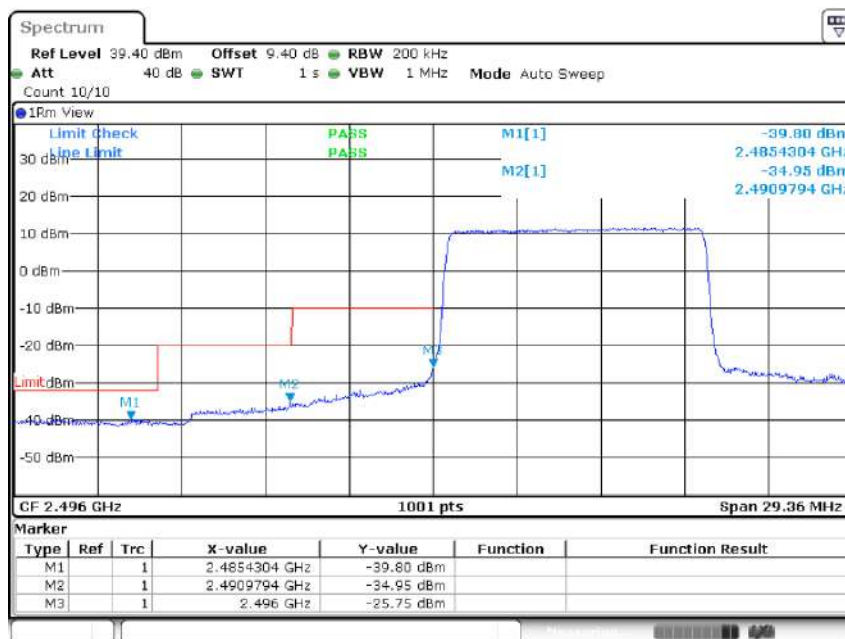
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Date: 10 DEC. 2020 12:52:29

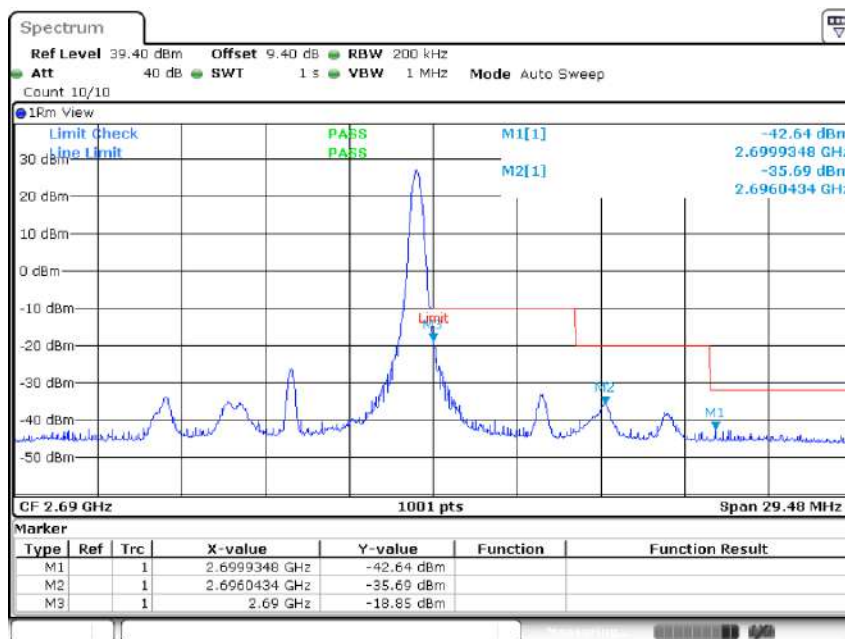


## Band41-10MHz-QPSK-39700-50RB#0



Date: 10 DEC.2020 12:54:05

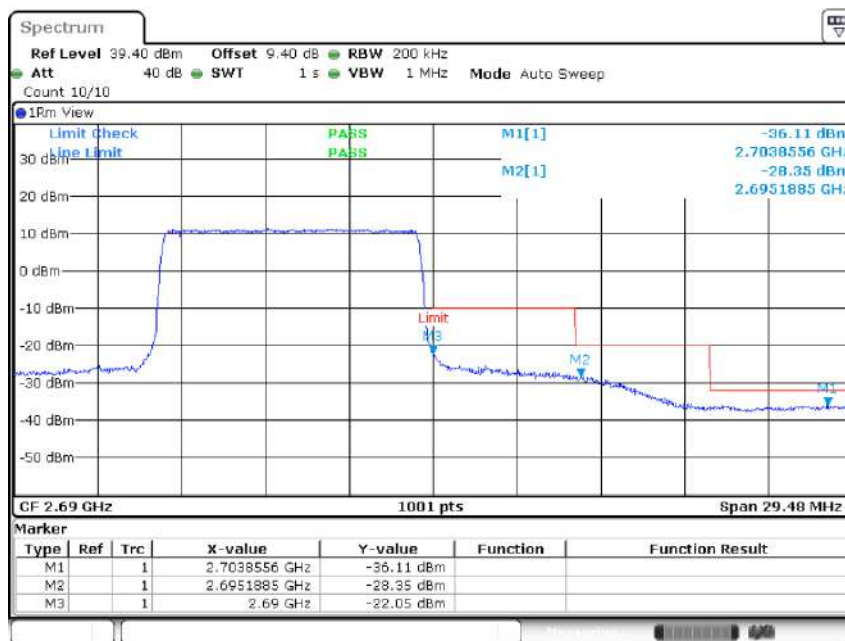
## Band41-10MHz-QPSK-41540-1RB#49



Date: 10 DEC.2020 12:53:17

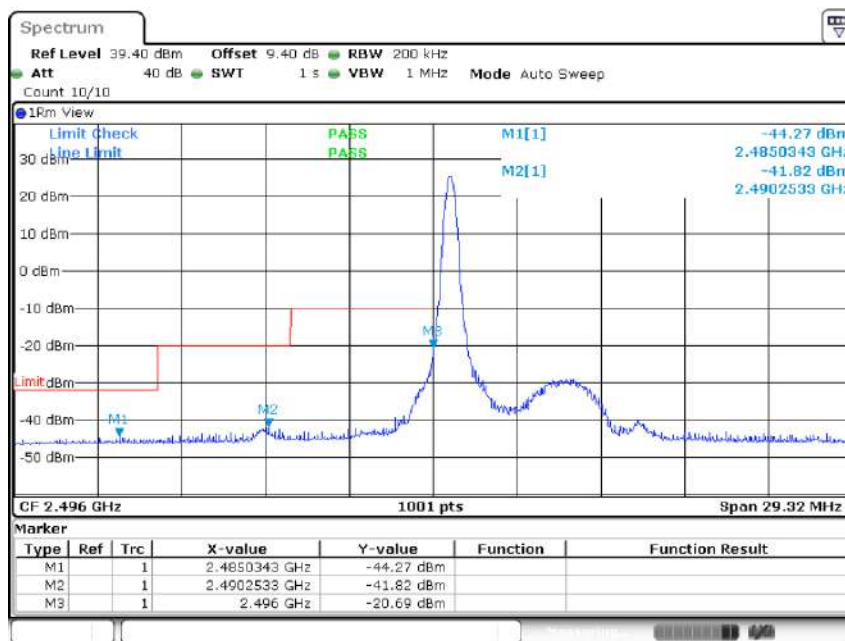


## Band41-10MHz-QPSK-41540-50RB#0



Date: 10 DEC.2020 12:54:49

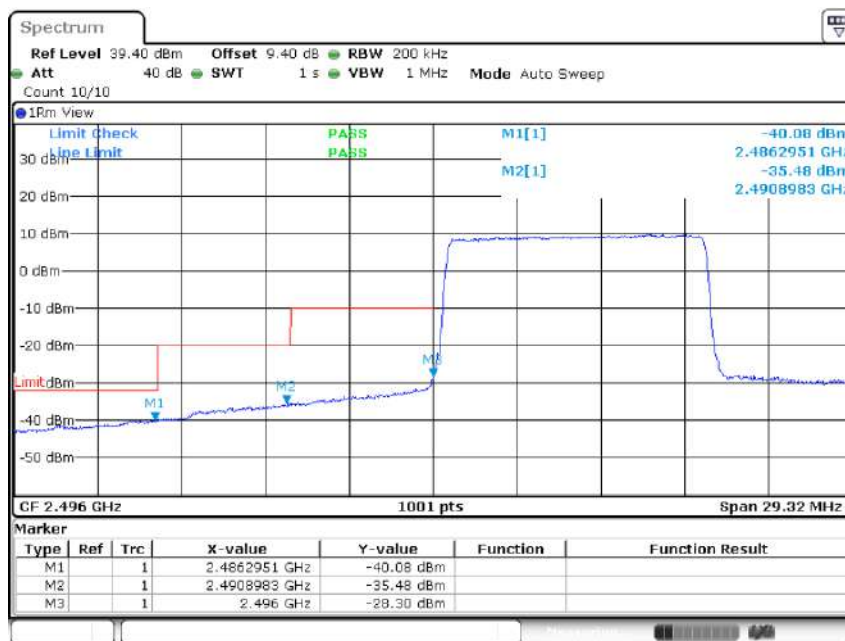
## Band41-10MHz-64QAM-39700-1RB#0



Date: 10 DEC.2020 13:24:50

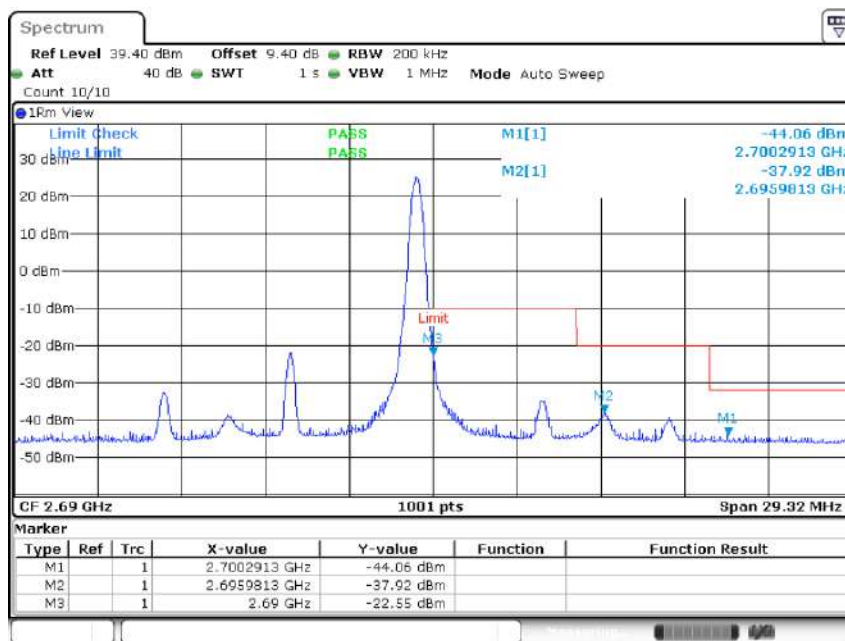


Band41-10MHz-64QAM-39700-50RB#0



Date: 10.DEC.2020 13:25:44

Band41-10MHz-64QAM-41540-1RB#49



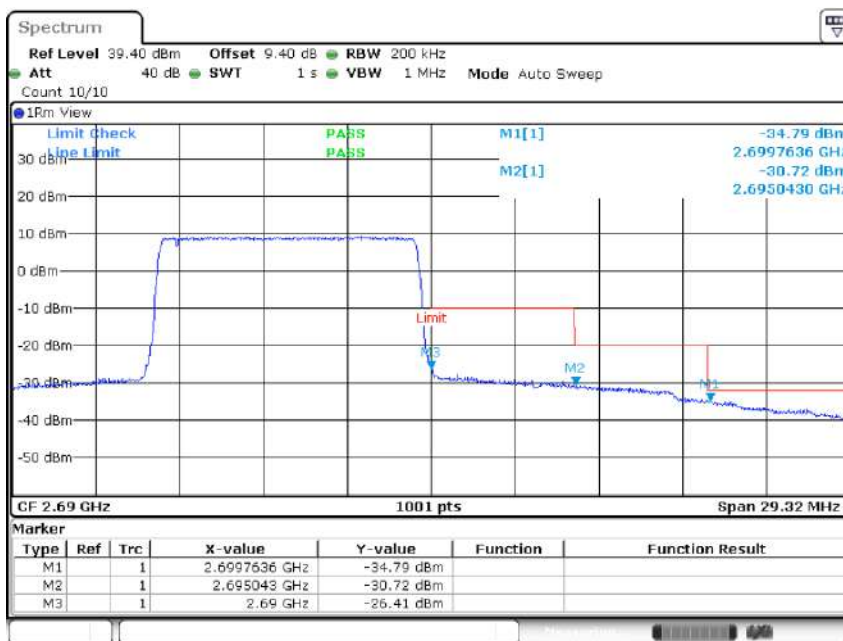
Date: 10.DEC.2020 13:25:17



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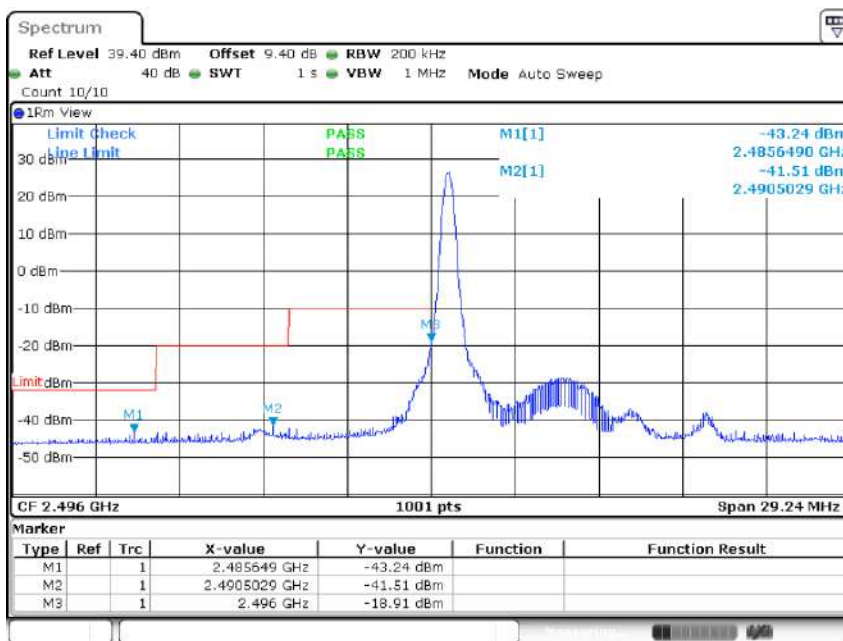
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## Band41-10MHz-64QAM-41540-50RB#0



Date: 10 DEC.2020 13:26:06

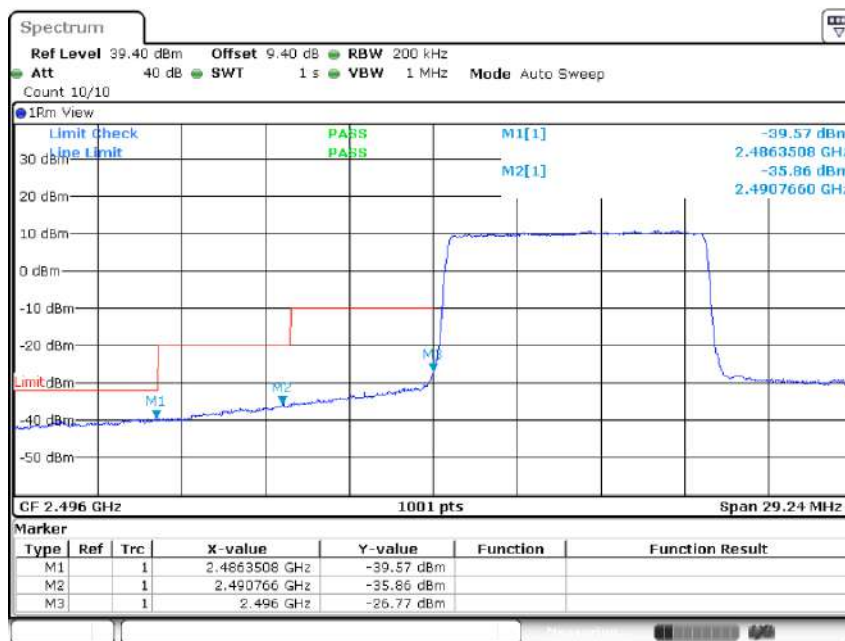
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Date: 10 DEC.2020 12:52:51

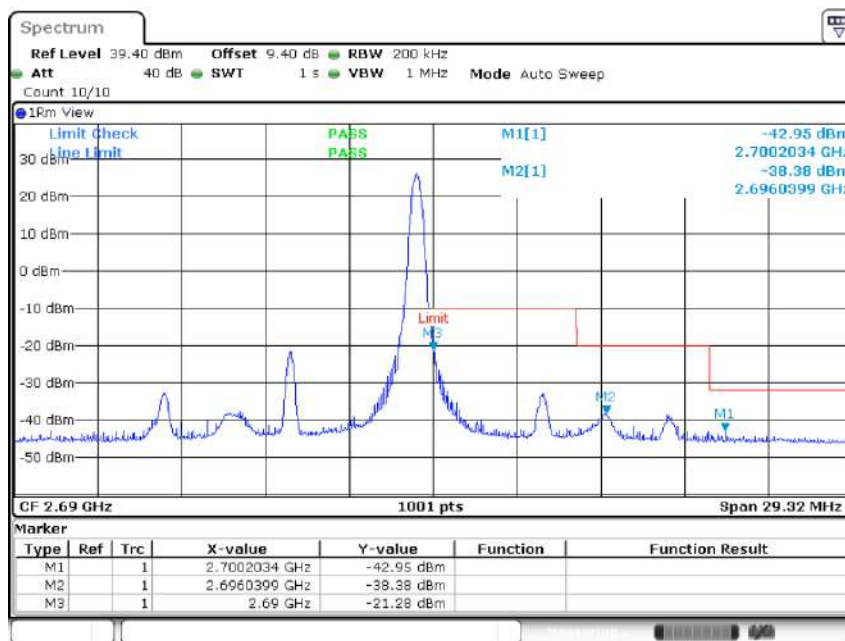


## Band41-10MHz-16QAM-39700-50RB#0



Date: 10 DEC.2020 12:54:27

## Band41-10MHz-16QAM-41540-1RB#49



Date: 10 DEC.2020 12:53:39



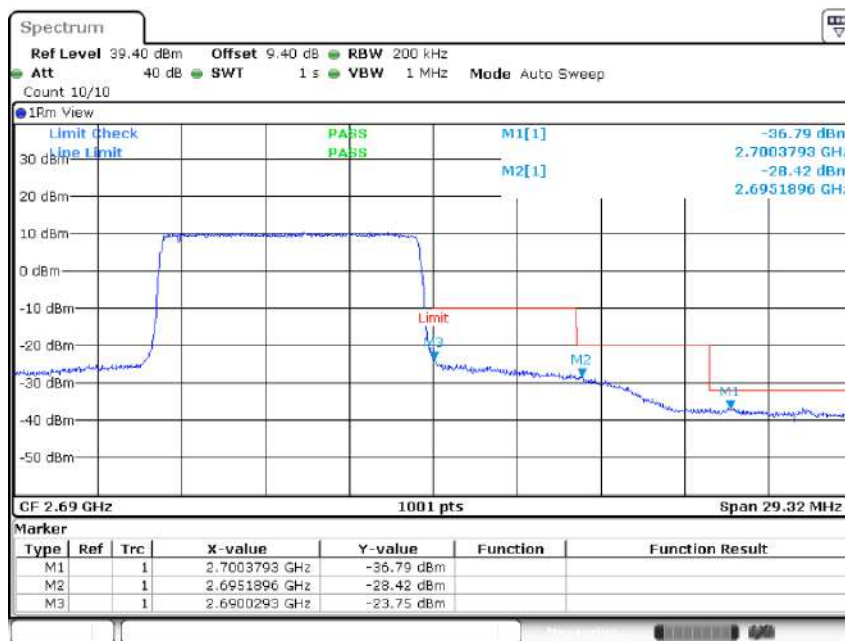
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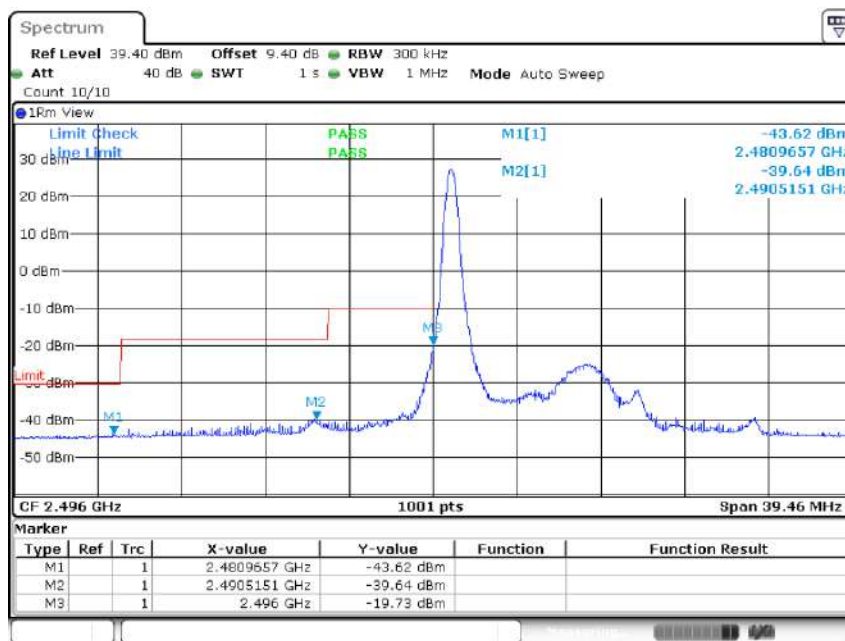
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## Band41-10MHz-16QAM-41540-50RB#0



Date: 10 DEC. 2020 12:55:11

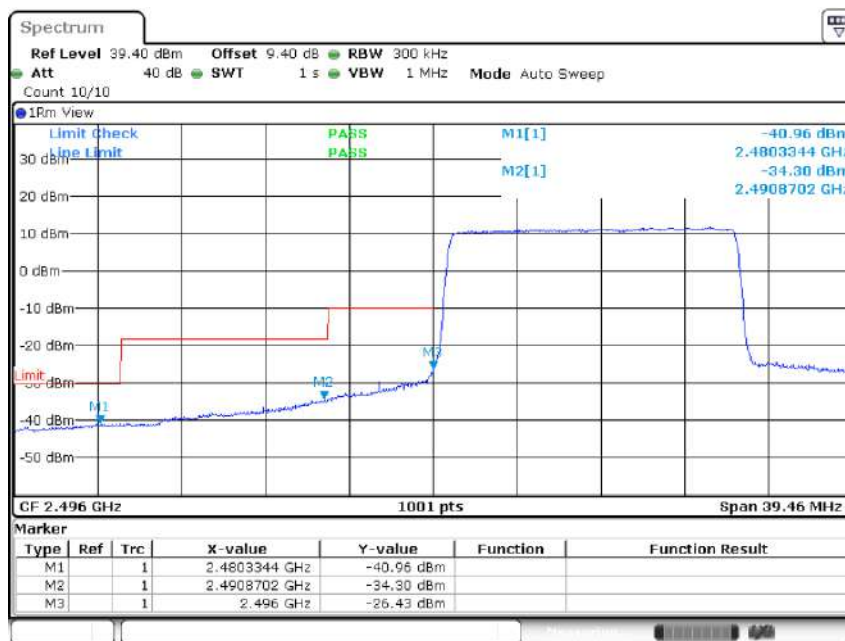
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Date: 10 DEC. 2020 12:55:39

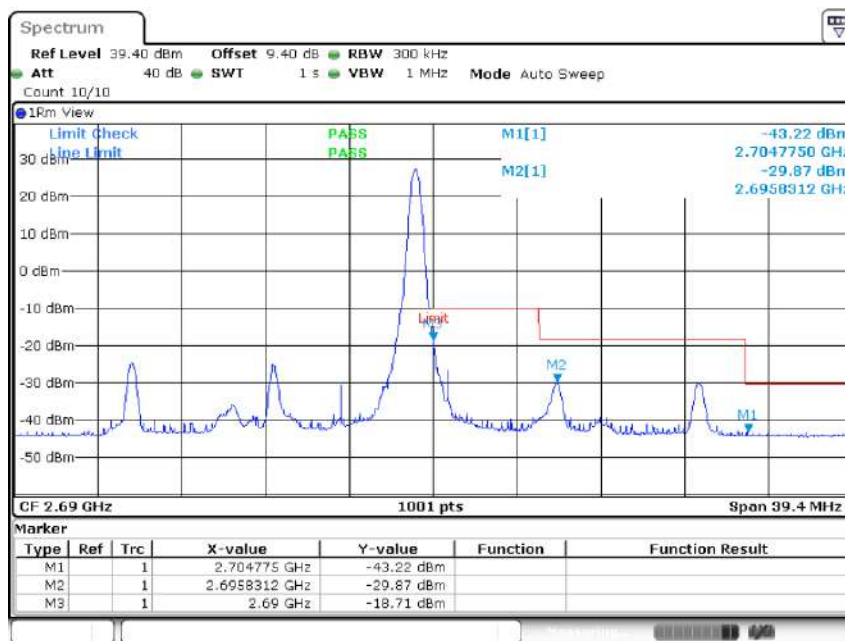


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Date: 10 DEC.2020 12:57:14

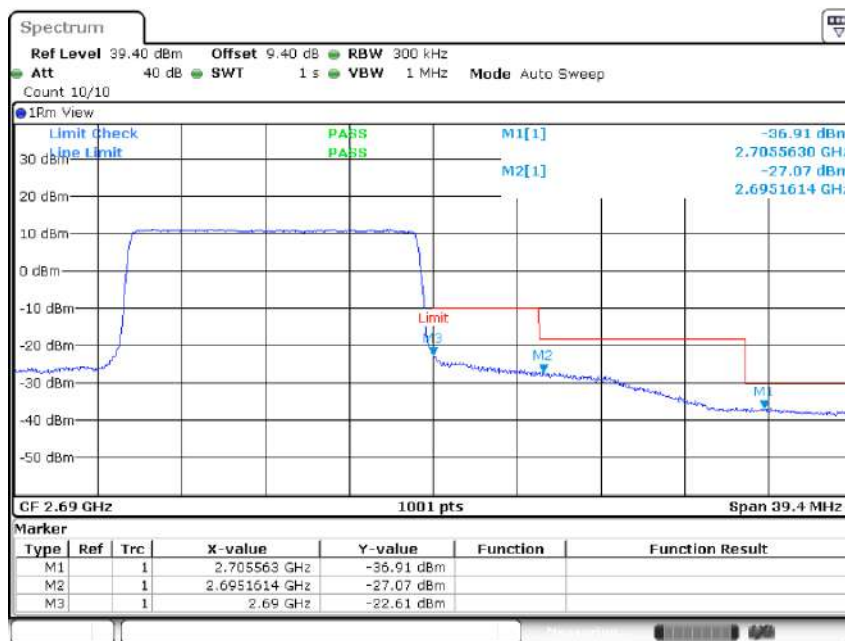
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Date: 10 DEC.2020 12:56:26

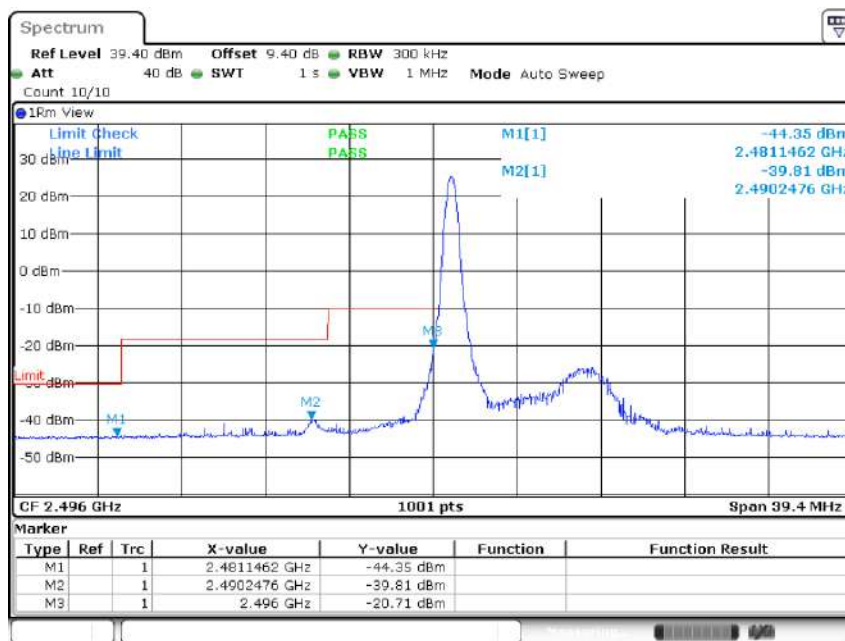


## Band41-15MHz-QPSK-41515-75RB#0



Date: 10 DEC. 2020 12:57:58

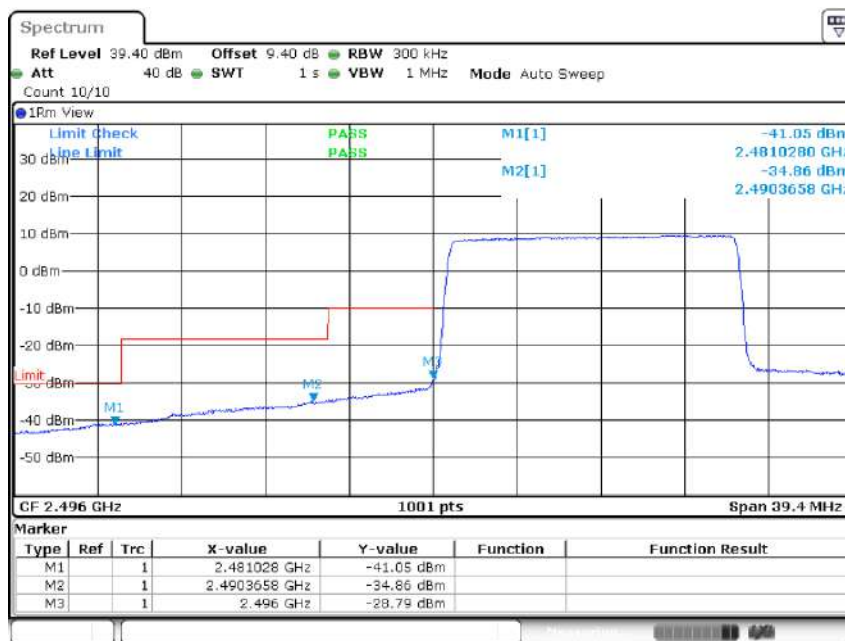
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Date: 10 DEC. 2020 13:26:35

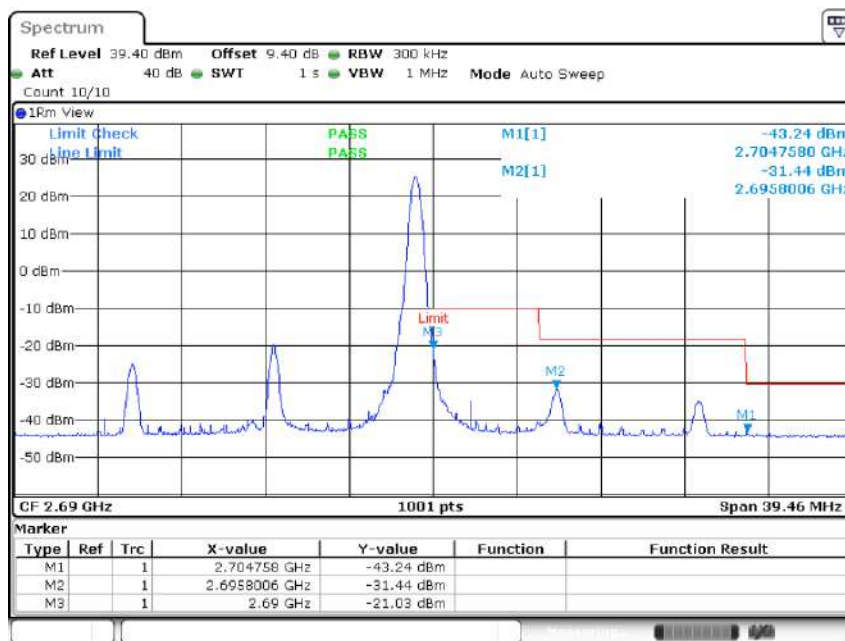


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Date: 10 DEC.2020 13:27:30

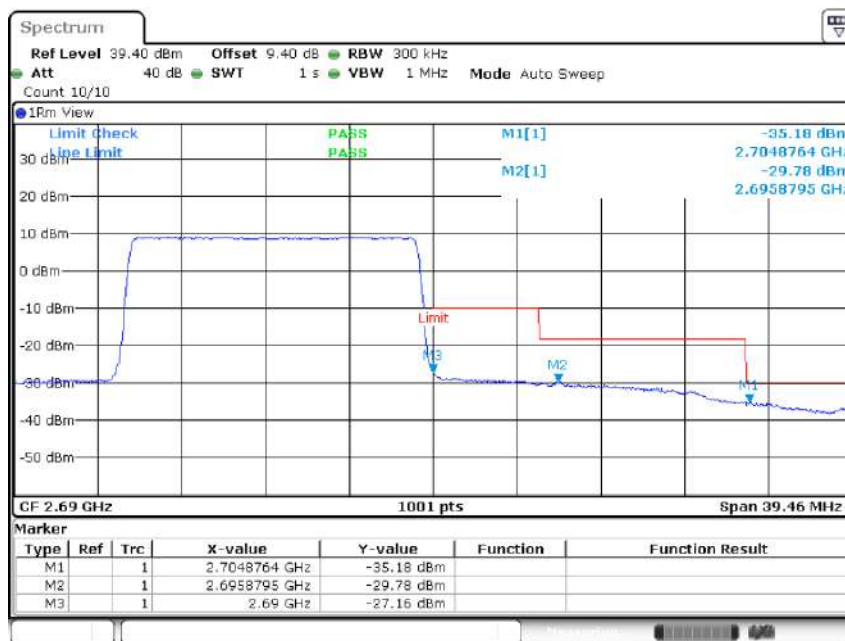
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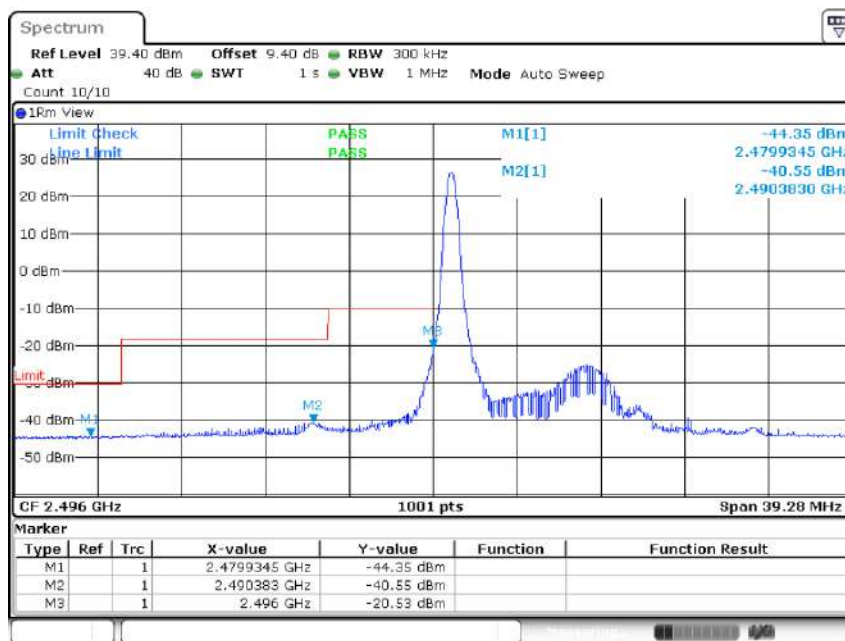


## Band41-15MHz-64QAM-41515-75RB#0



Date: 10 DEC. 2020 13:27:51

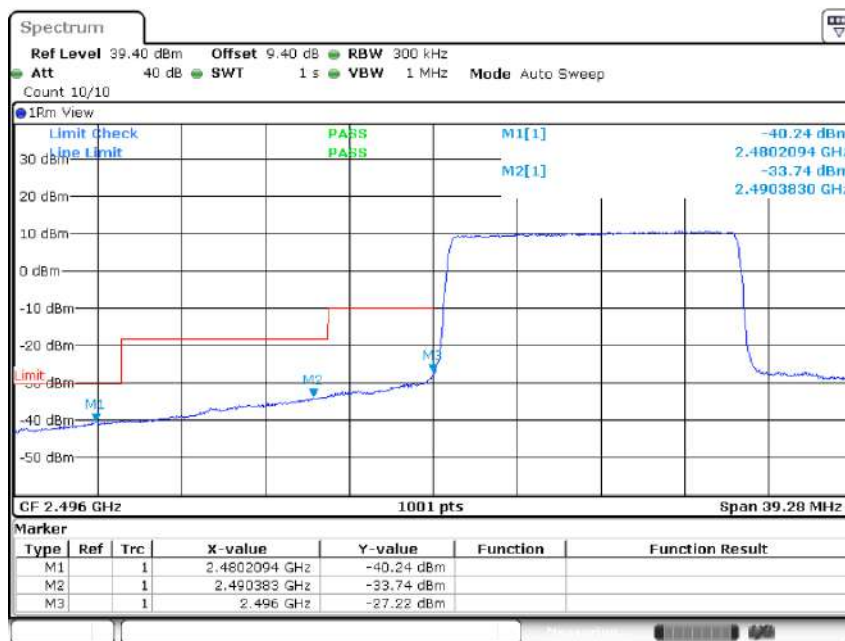
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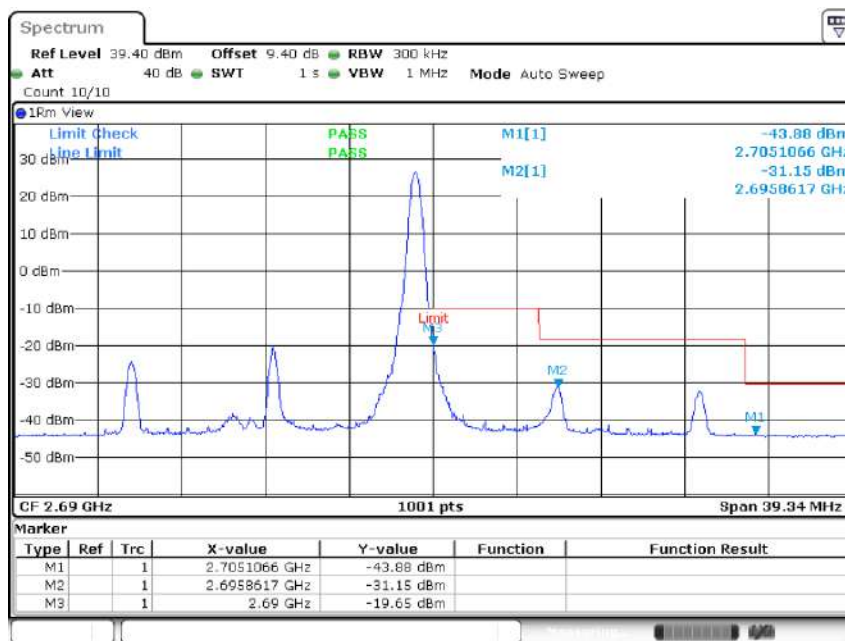


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Date: 10 DEC.2020 12:57:36

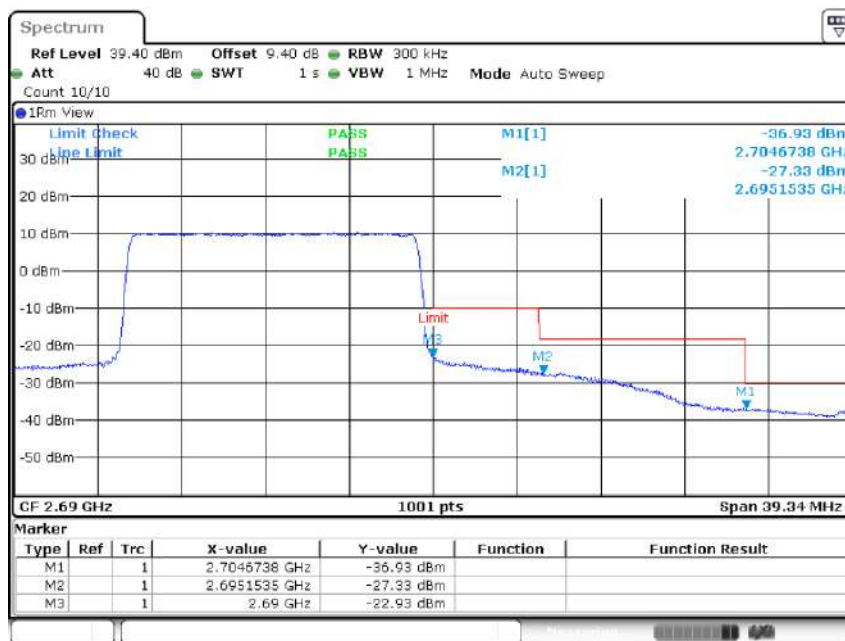
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Date: 10 DEC.2020 12:56:48

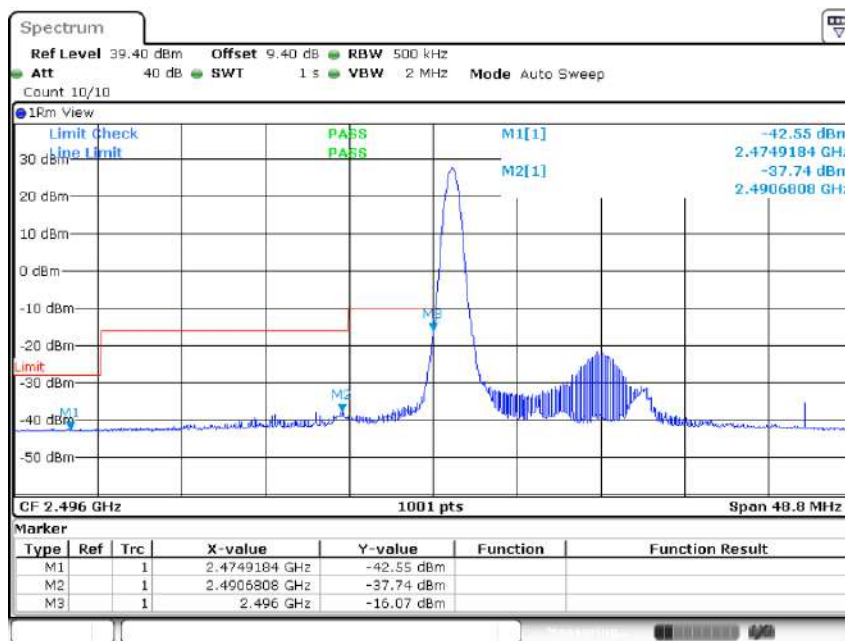


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Date: 10 DEC. 2020 12:58:20

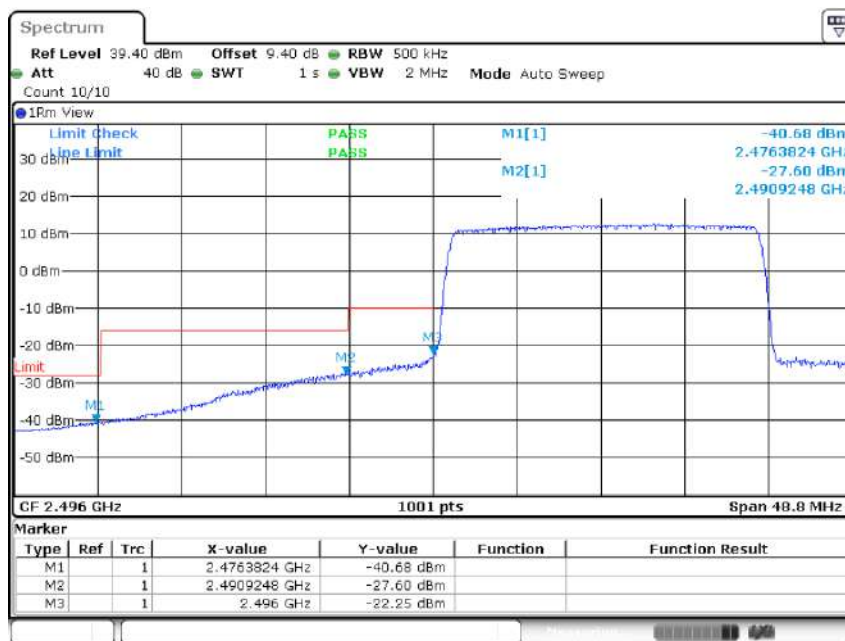
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Date: 10 DEC. 2020 12:58:48

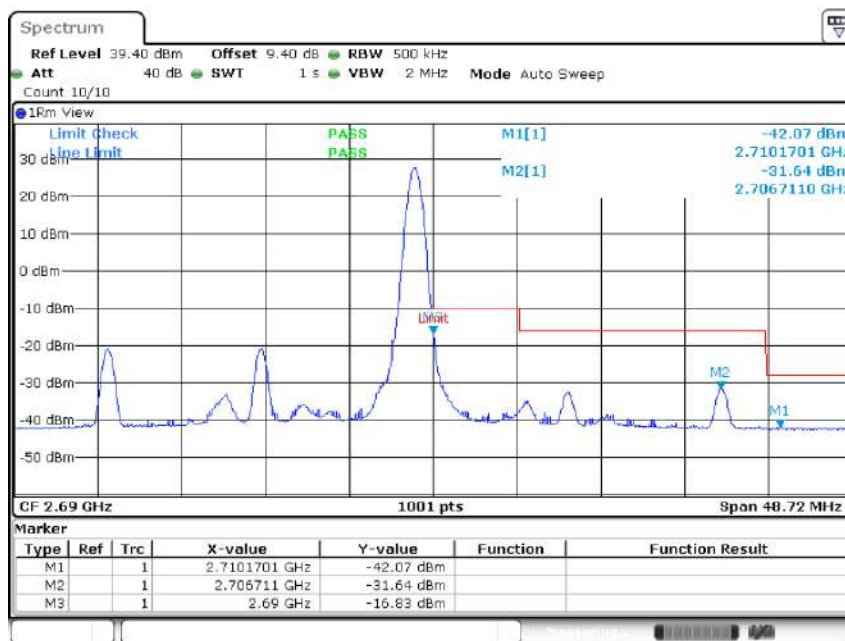


## Band41-20MHz-QPSK-39750-100RB#0



Date: 10 DEC. 2020 13:00:24

## Band41-20MHz-QPSK-41490-1RB#99



Date: 10 DEC. 2020 12:59:36



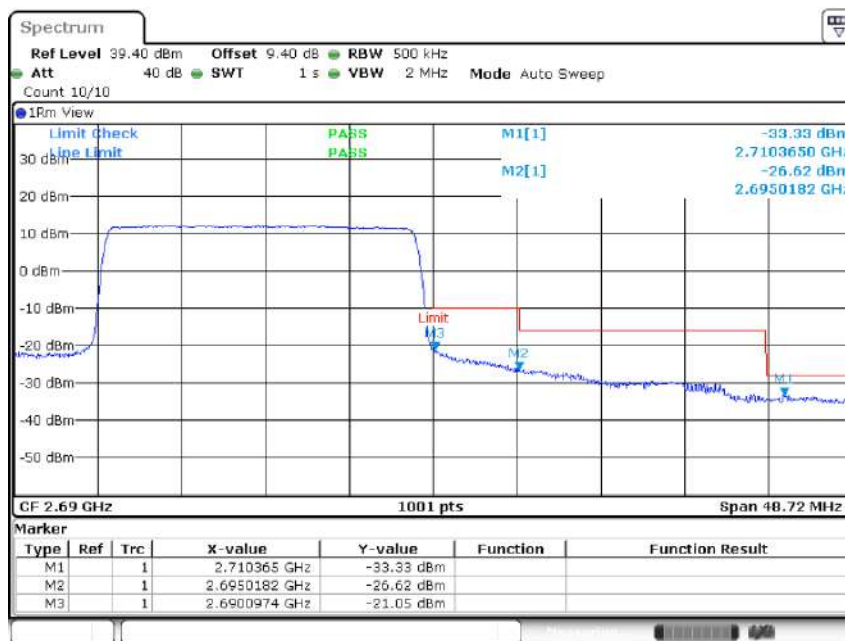
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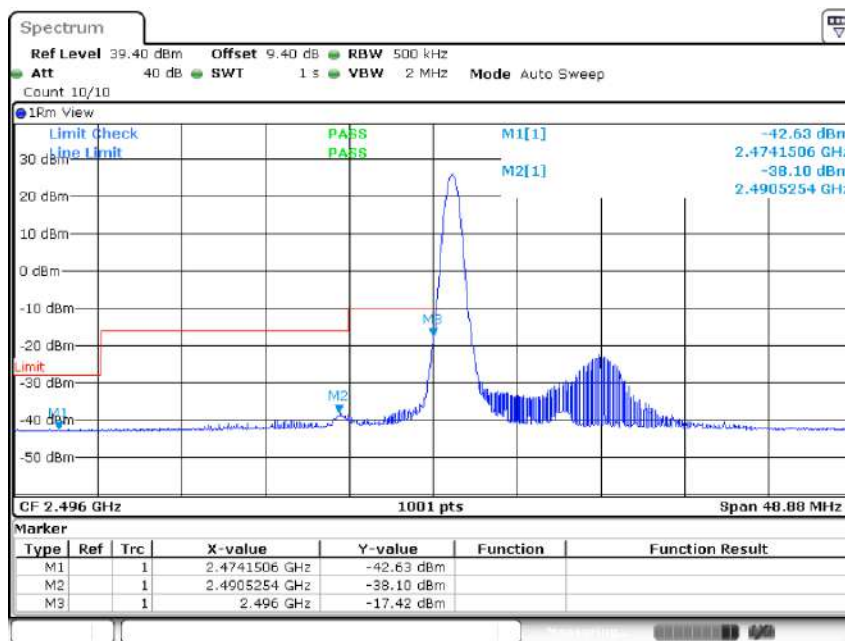
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## Band41-20MHz-QPSK-41490-100RB#0



Date: 10 DEC.2020 13:01:08

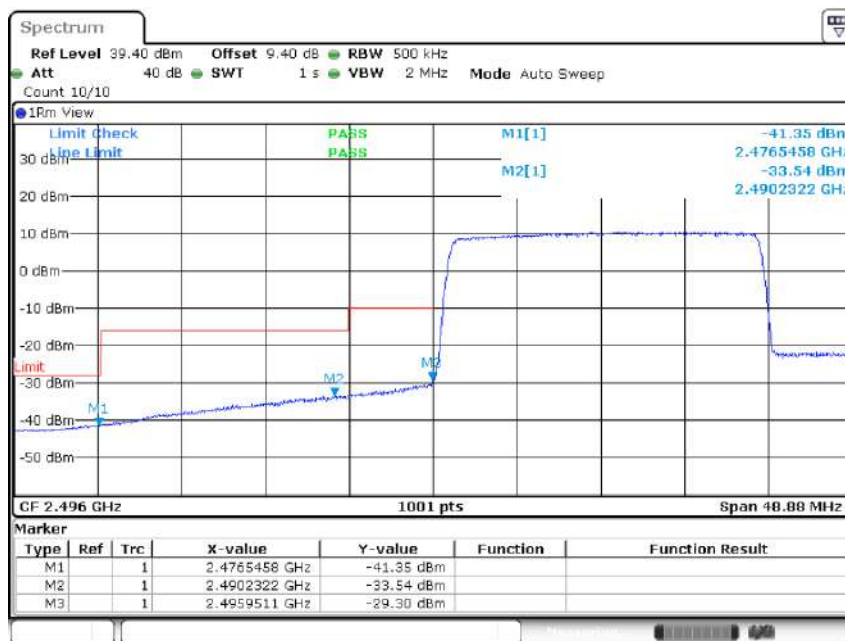
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Date: 10 DEC.2020 13:28:20

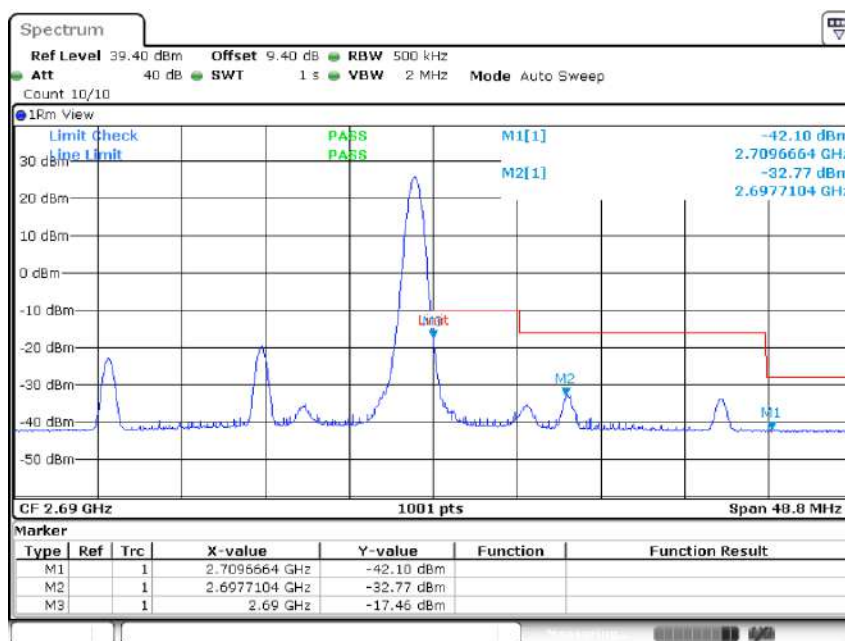


## Band41-20MHz-64QAM-39750-100RB#0



Date: 10 DEC. 2020 13:29:14

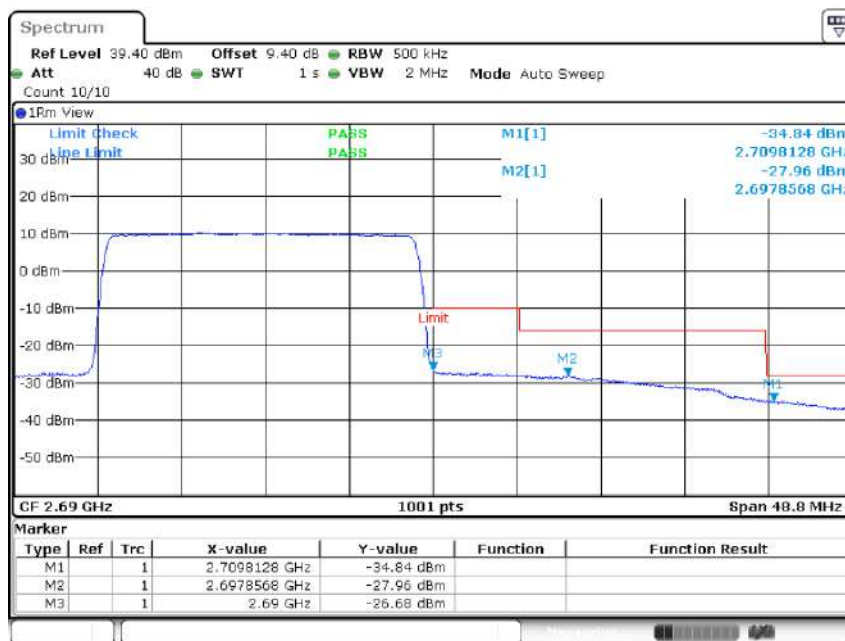
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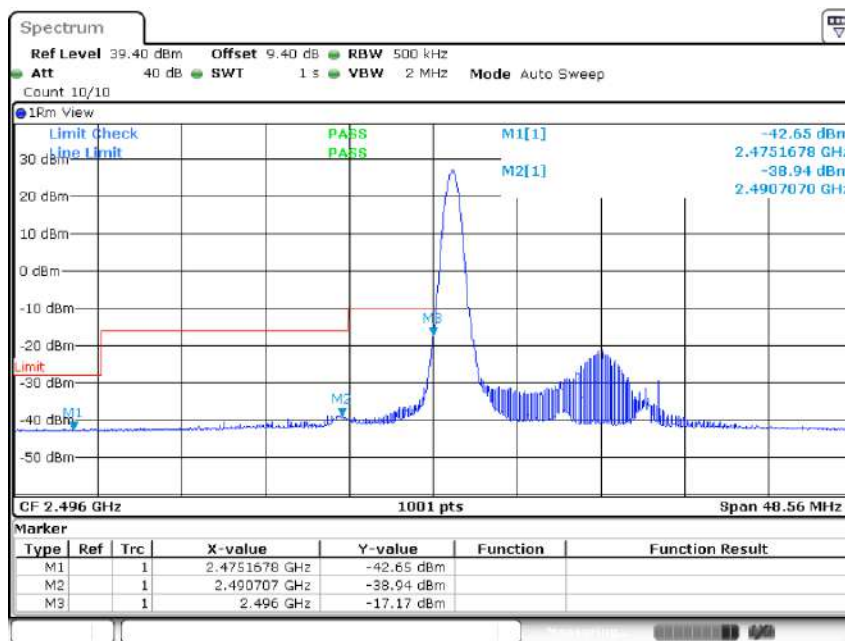


## Band41-20MHz-64QAM-41490-100RB#0



Date: 10 DEC.2020 13:29:36

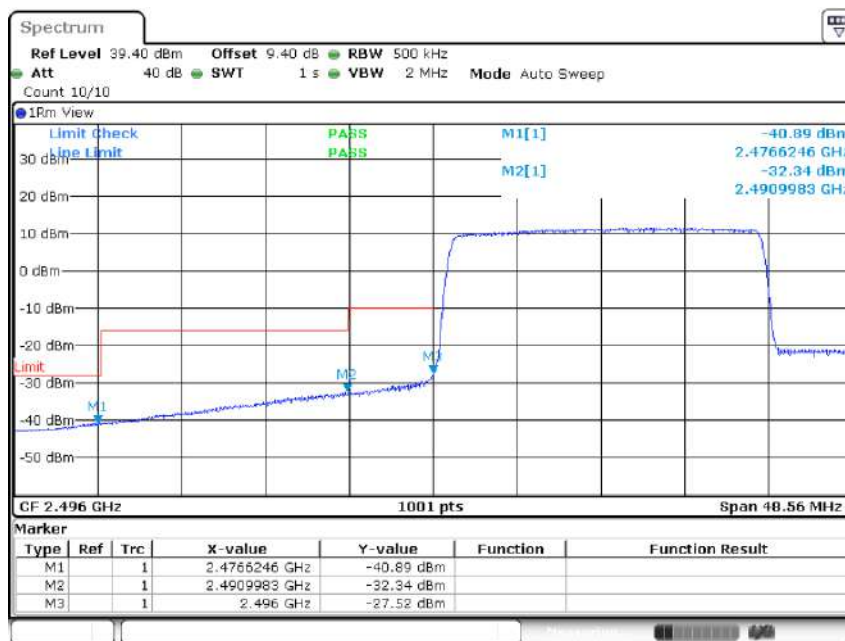
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Date: 10 DEC.2020 12:59:10

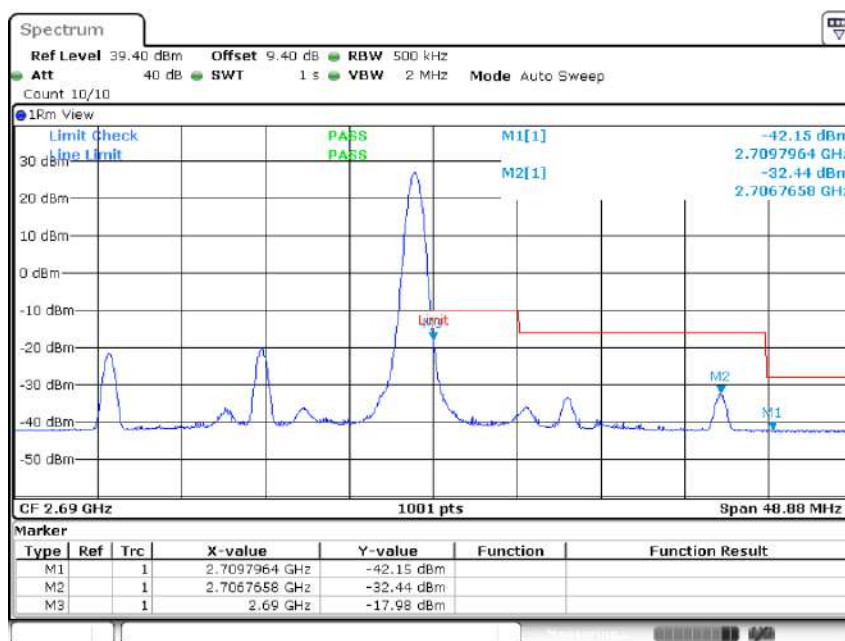


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Date: 10 DEC. 2020 13:00:46

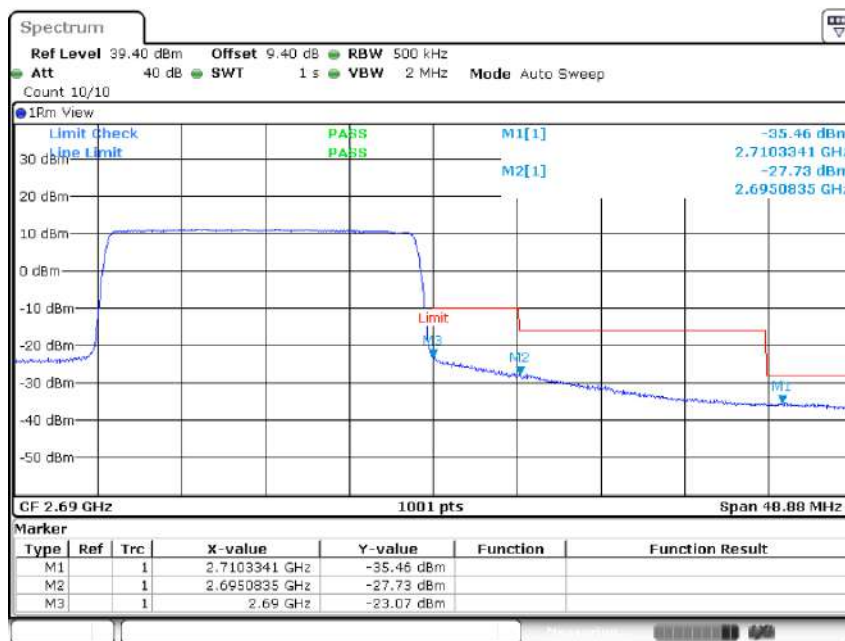
## Band41-20MHz-16QAM-41490-1RB#99



Date: 10 DEC. 2020 12:59:58



Band41-20MHz-16QAM-41490-100RB#0



Date: 10.DEC.2020 13:01:30



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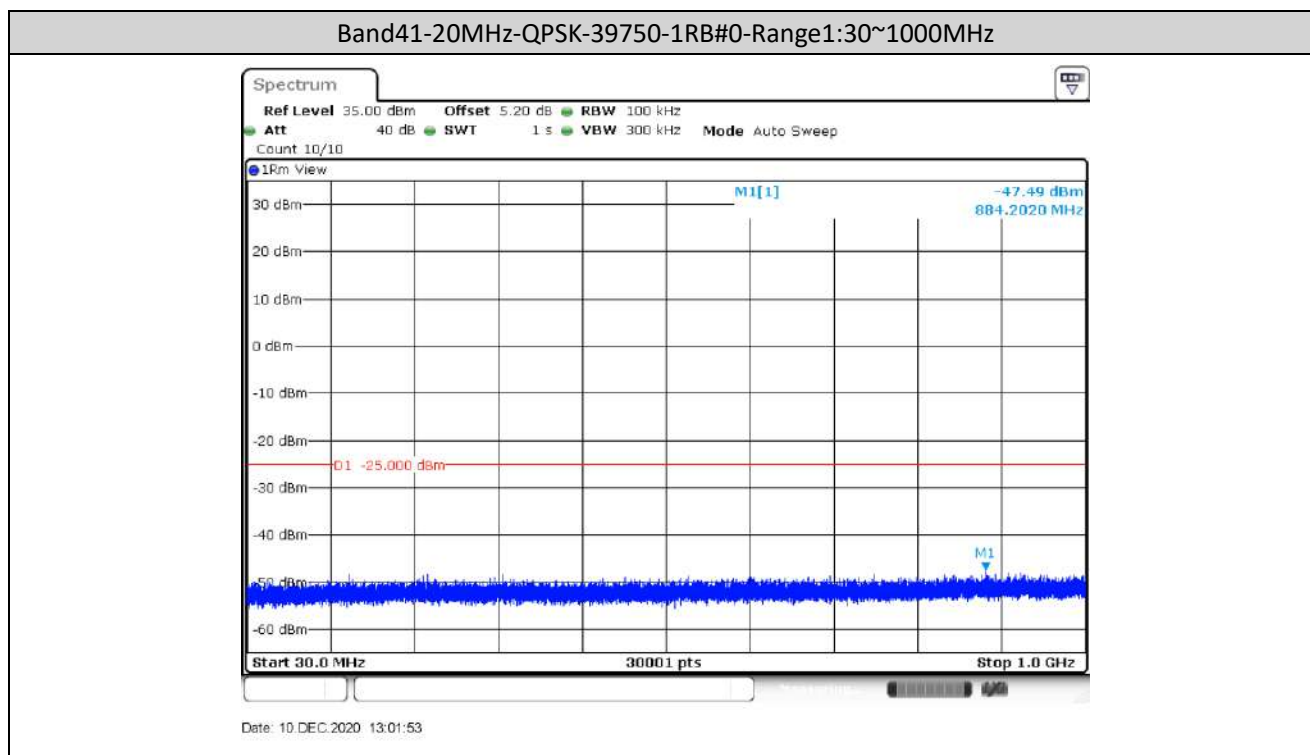
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## 6. Spurious Emission at Antenna Terminal

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

Remark2: only the worst case data displayed in this report.

### 6.1. Test Plots



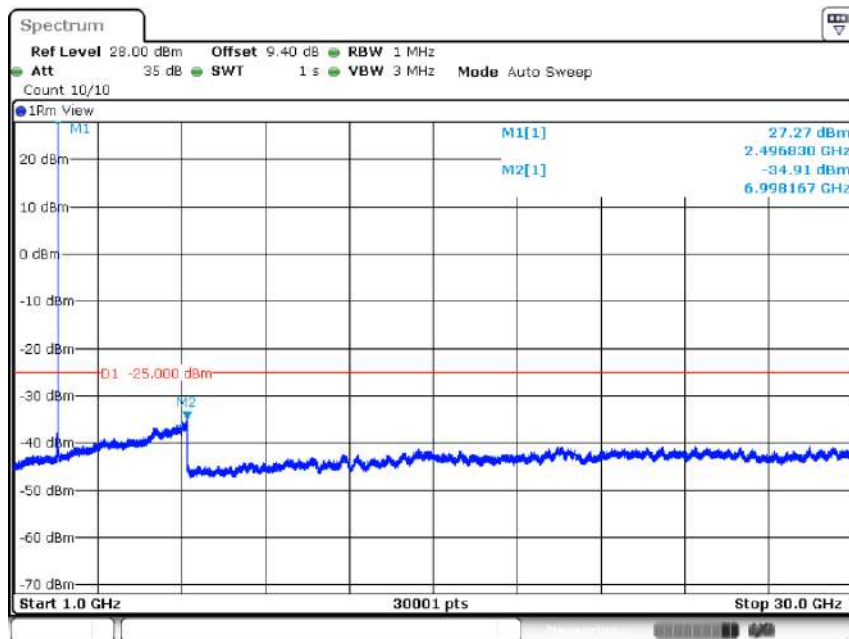
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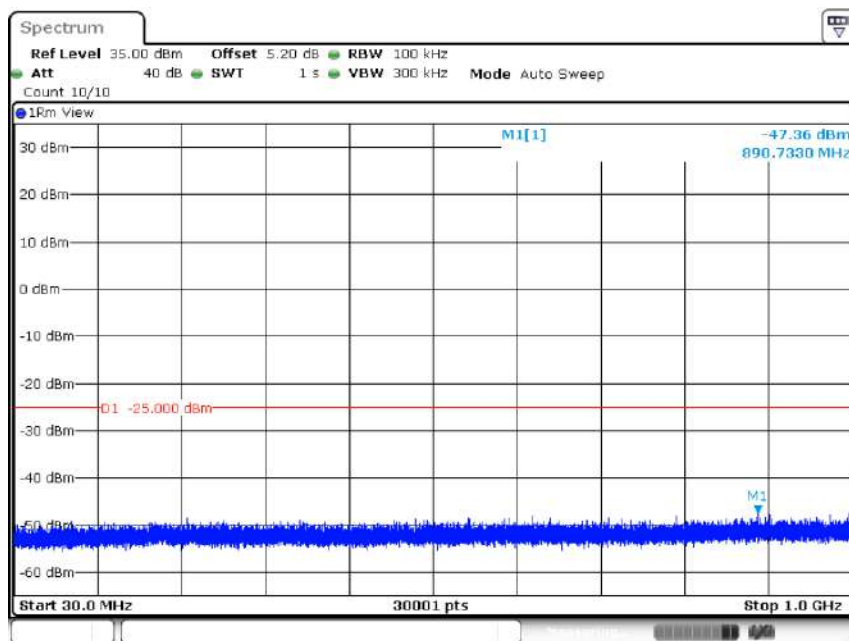
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## Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:02:09

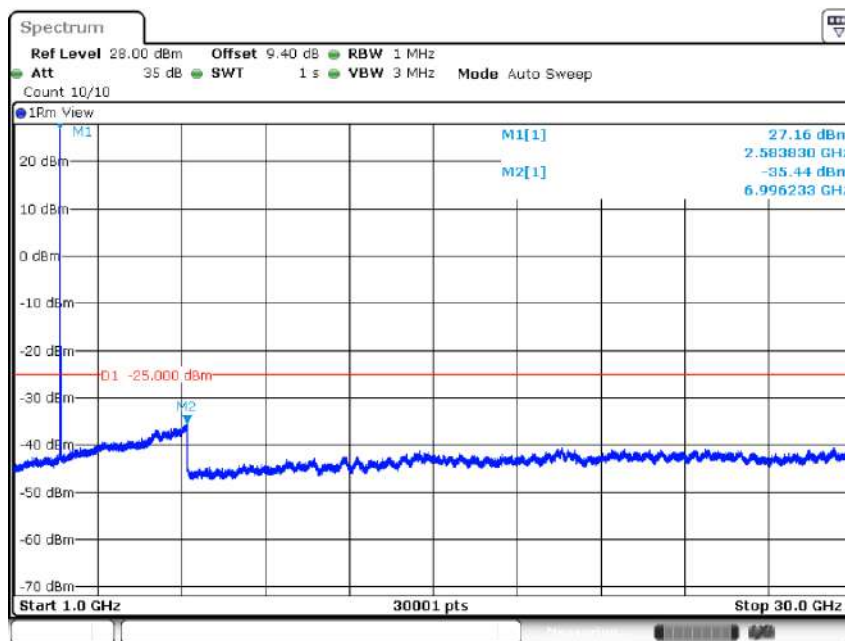
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Date: 10 DEC.2020 13:03:04

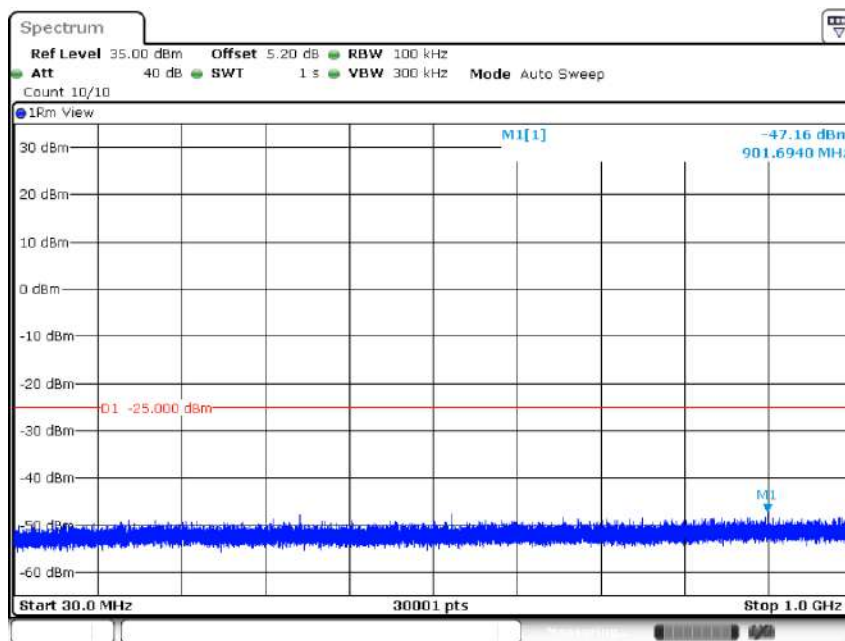


## Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:03:20

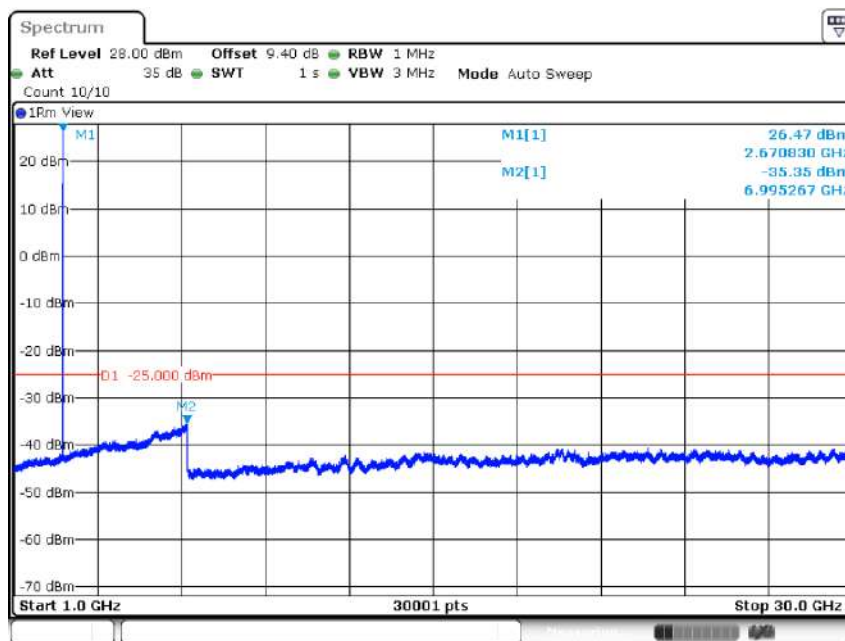
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Date: 10 DEC.2020 13:04:14

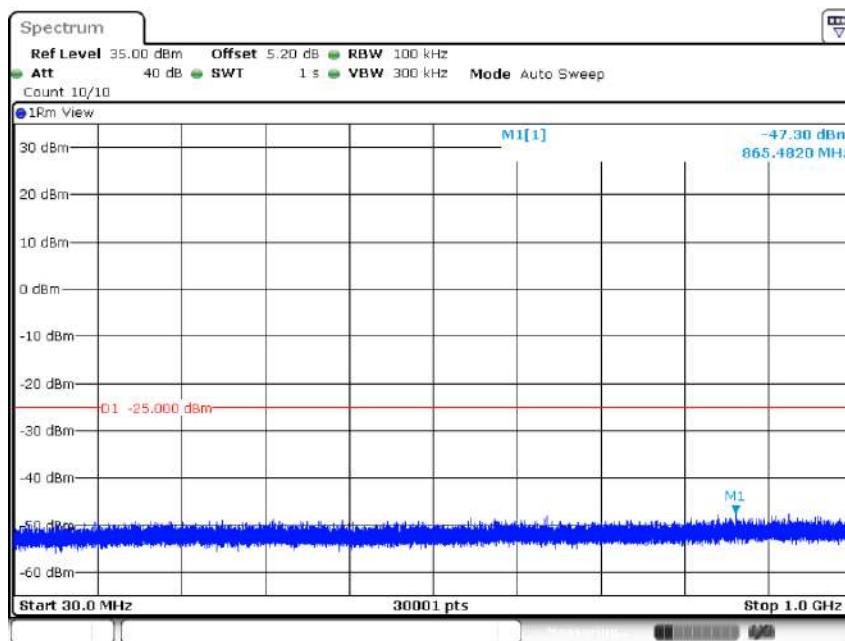


**Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz**



Date: 10 DEC.2020 13:04:31

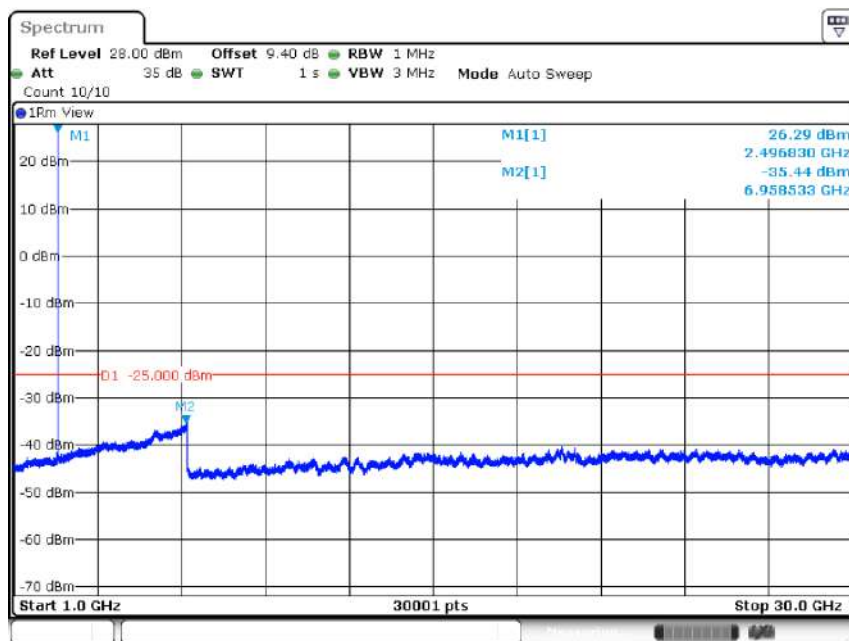
**Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz**



Date: 10 DEC.2020 13:30:00

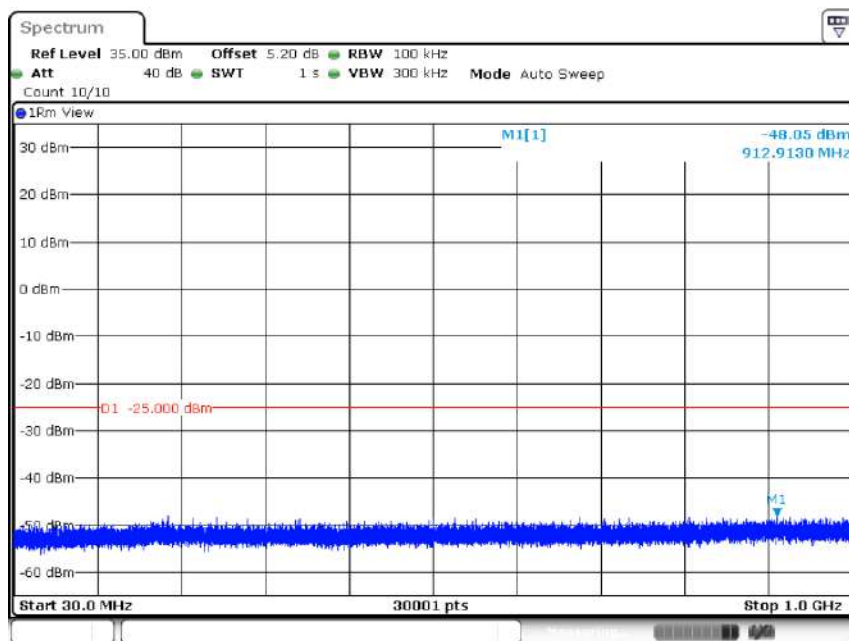


## Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:30:17

## Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:30:36



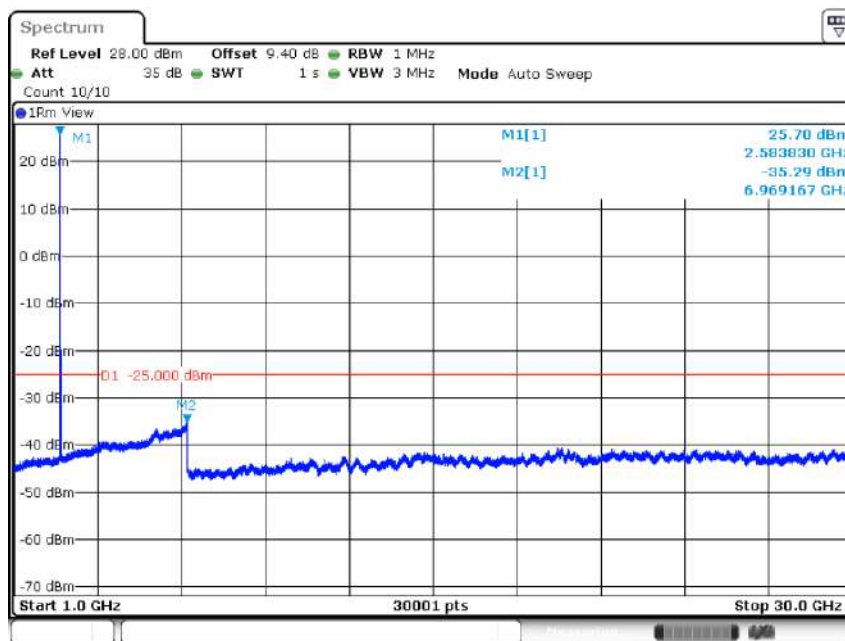
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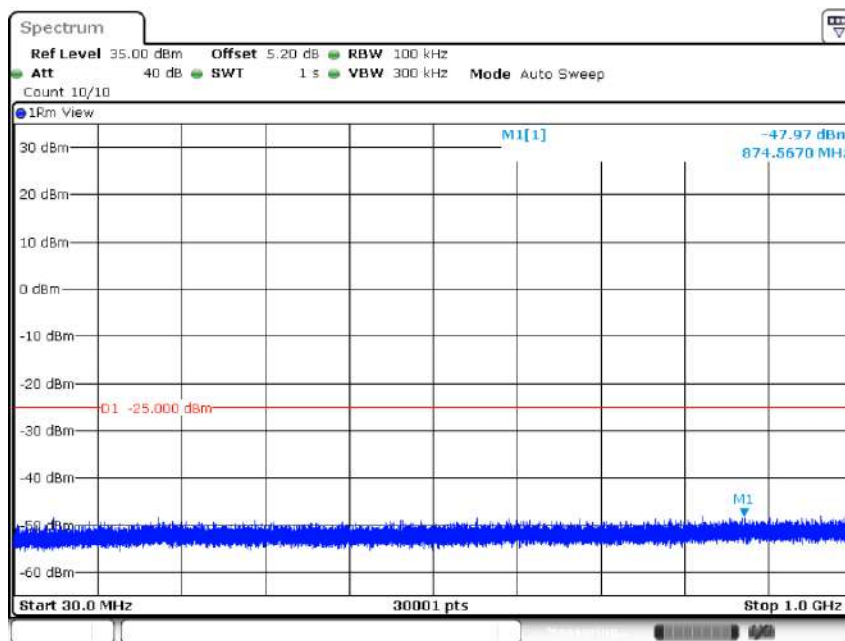
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Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:30:52

Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:31:12



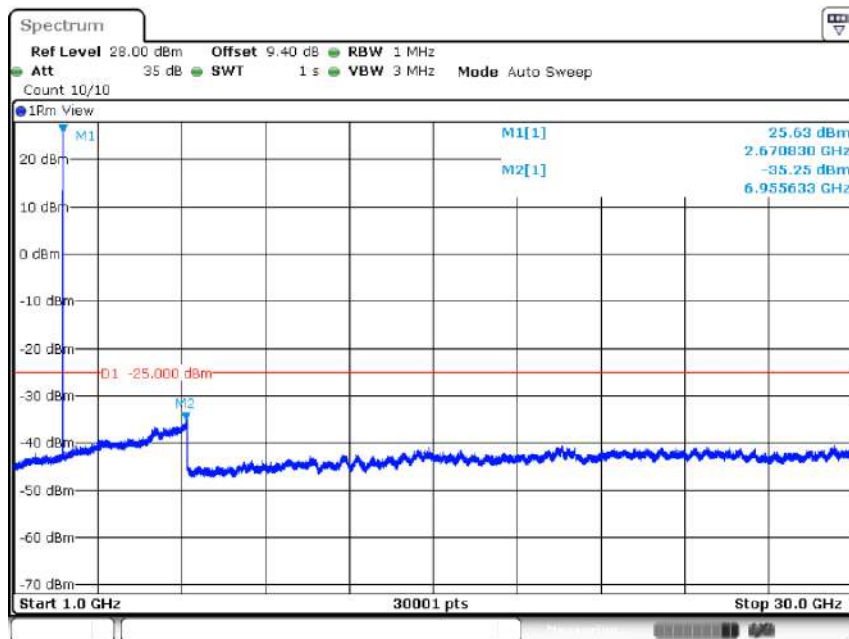
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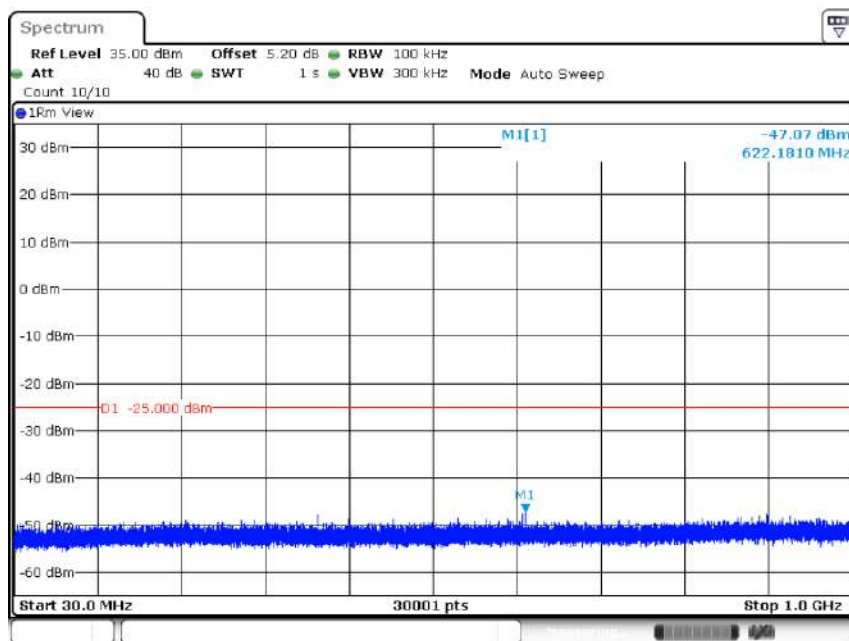
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Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:31:28

Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:02:28



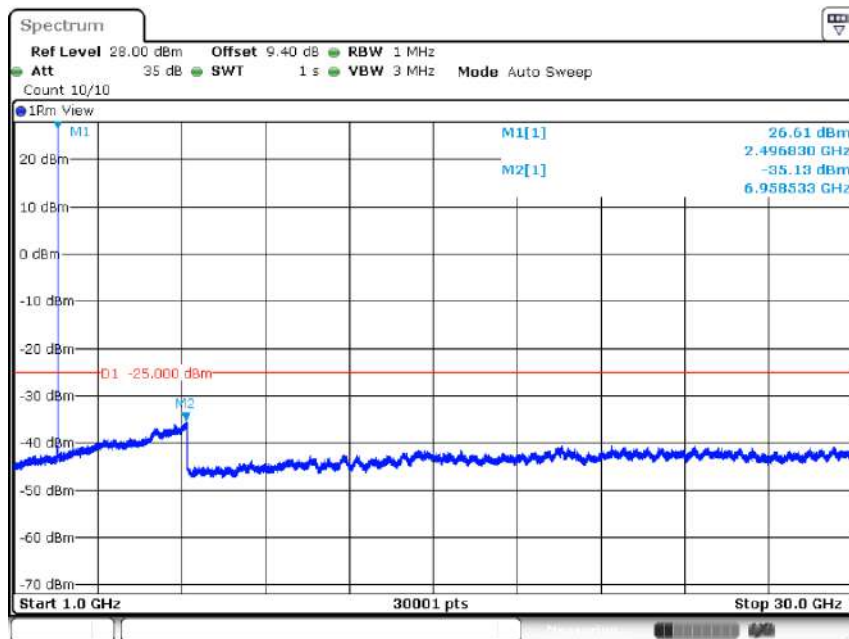
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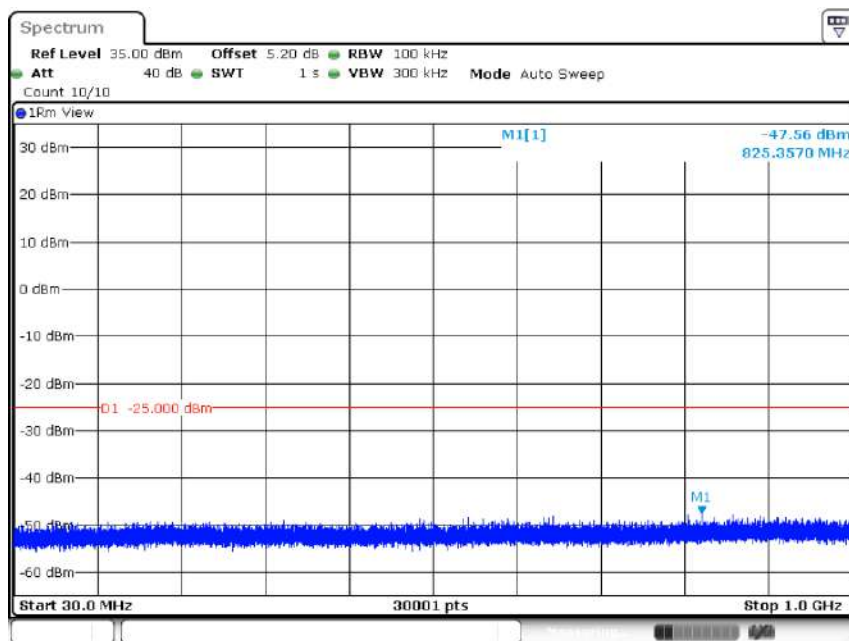
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## Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:02:45

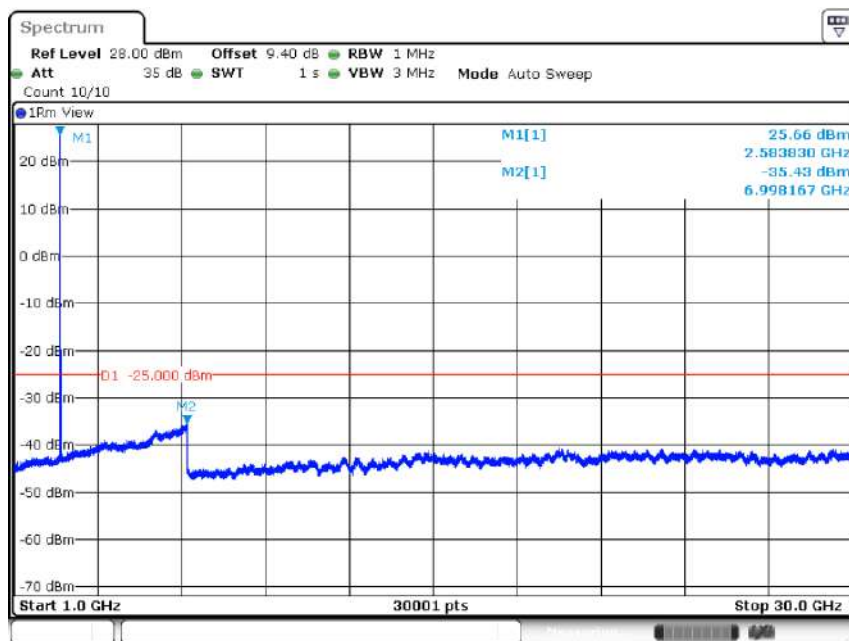
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Date: 10 DEC.2020 13:03:39

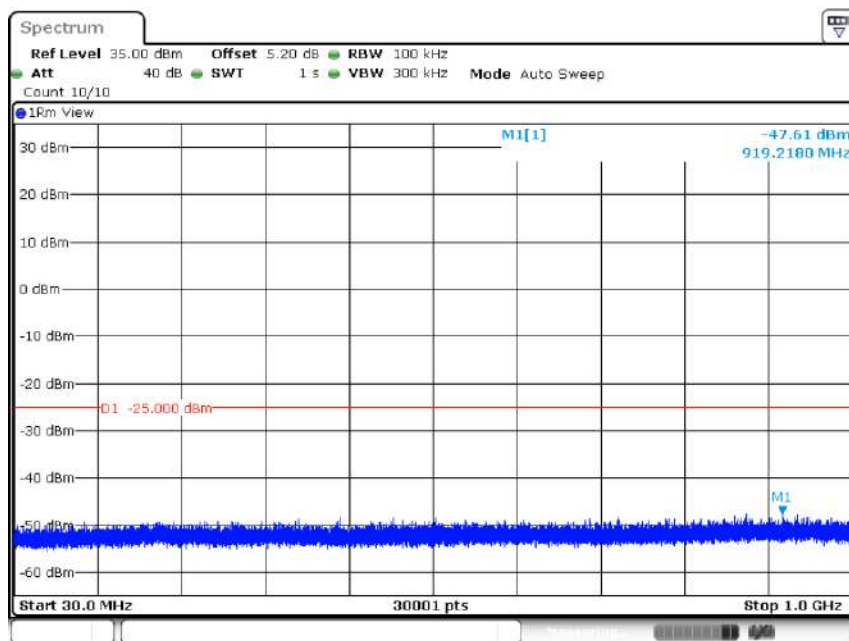


## Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:03:56

## Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:04:50

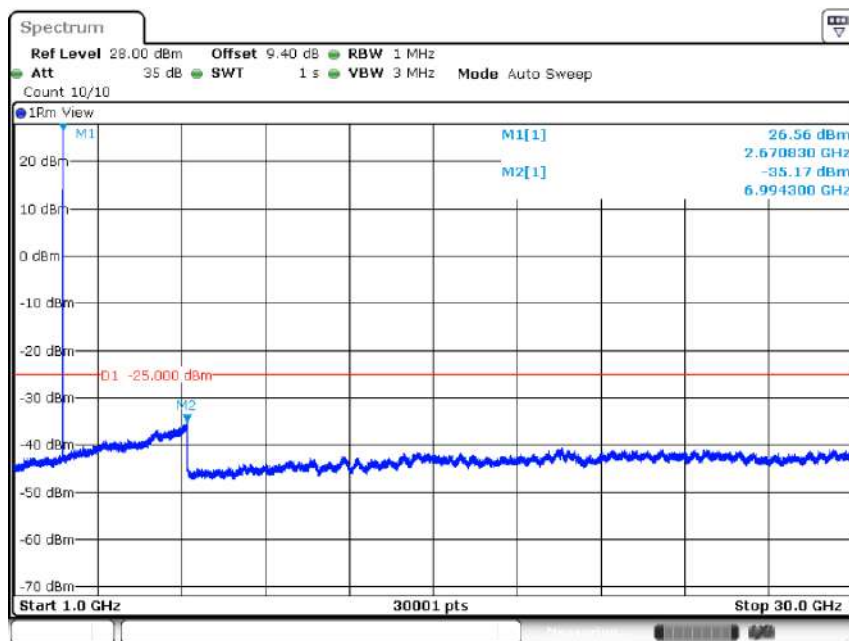
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## Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:05:07





## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 20MHz(ANT4)

#### 7.1.1.Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 64.050000       | -78.86      | -25.00           | 53.86       | 198         | 162       | Vertical     |
| 124.950000      | -83.38      | -25.00           | 58.38       | 228         | 87        | Vertical     |
| 349.350000      | -84.18      | -25.00           | 59.18       | 259         | 354       | Vertical     |
| 4896.050000     | -65.02      | -25.00           | 40.02       | 291         | 112       | Vertical     |
| 7026.750000     | -62.59      | -25.00           | 37.59       | 188         | 192       | Vertical     |
| 9988.475000     | -57.39      | -25.00           | 32.39       | 250         | 134       | Vertical     |
| 62.000000       | -75.58      | -25.00           | 50.58       | 262         | 103       | Horizontal   |
| 90.450000       | -85.53      | -25.00           | 60.53       | 205         | 167       | Horizontal   |
| 206.500000      | -84.48      | -25.00           | 59.48       | 276         | 176       | Horizontal   |
| 4339.975000     | -65.02      | -25.00           | 40.02       | 262         | 153       | Horizontal   |
| 7066.400000     | -62.87      | -25.00           | 37.87       | 198         | 93        | Horizontal   |
| 9988.800000     | -58.33      | -25.00           | 33.33       | 293         | 153       | Horizontal   |

#### 7.1.2.Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 63.500000       | -79.81      | -25.00           | 54.81       | 226         | 254       | Vertical     |
| 125.000000      | -82.66      | -25.00           | 57.66       | 157         | 346       | Vertical     |
| 345.150000      | -84.38      | -25.00           | 59.38       | 272         | 245       | Vertical     |
| 4305.850000     | -65.40      | -25.00           | 40.40       | 284         | 70        | Vertical     |
| 7752.475000     | -61.49      | -25.00           | 36.49       | 233         | 195       | Vertical     |
| 10336.225000    | -60.12      | -25.00           | 35.12       | 194         | 228       | Vertical     |
| 63.950000       | -75.53      | -25.00           | 50.53       | 199         | 95        | Horizontal   |
| 134.750000      | -87.01      | -25.00           | 62.01       | 254         | 149       | Horizontal   |
| 475.804167      | -82.68      | -25.00           | 57.68       | 212         | 0         | Horizontal   |
| 4473.550000     | -65.40      | -25.00           | 40.40       | 194         | 2         | Horizontal   |
| 7030.650000     | -62.87      | -25.00           | 37.87       | 253         | 60        | Horizontal   |
| 10336.550000    | -58.58      | -25.00           | 33.58       | 211         | 165       | Horizontal   |





### 7.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 64.350000       | -79.68      | -25.00           | 54.68       | 289         | 31        | Vertical     |
| 125.000000      | -83.69      | -25.00           | 58.69       | 214         | 252       | Vertical     |
| 340.950000      | -84.48      | -25.00           | 59.48       | 160         | 234       | Vertical     |
| 4313.650000     | -65.00      | -25.00           | 40.00       | 234         | 126       | Vertical     |
| 8013.450000     | -58.71      | -25.00           | 33.71       | 171         | 206       | Vertical     |
| 10684.300000    | -56.56      | -25.00           | 31.56       | 254         | 160       | Vertical     |
| 55.050000       | -75.87      | -25.00           | 50.87       | 247         | 0         | Horizontal   |
| 208.400000      | -84.47      | -25.00           | 59.47       | 169         | 0         | Horizontal   |
| 610.141667      | -80.63      | -25.00           | 55.63       | 205         | 168       | Horizontal   |
| 4280.500000     | -64.72      | -25.00           | 39.72       | 171         | 107       | Horizontal   |
| 7045.925000     | -62.95      | -25.00           | 37.95       | 273         | 142       | Horizontal   |
| 10684.625000    | -59.97      | -25.00           | 34.97       | 276         | 154       | Horizontal   |

## 7.2. Test Mode =LTE/TM1 20MHz(ANT3)

### 7.2.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 55.800000       | -79.27      | -25.00           | 54.27       | 204         | 227       | Vertical     |
| 125.000000      | -83.07      | -25.00           | 58.07       | 226         | 311       | Vertical     |
| 334.550000      | -83.37      | -25.00           | 58.37       | 295         | 349       | Vertical     |
| 4994.200000     | -57.58      | -25.00           | 32.58       | 160         | 323       | Vertical     |
| 7491.500000     | -54.96      | -25.00           | 29.96       | 282         | 312       | Vertical     |
| 9988.475000     | -56.31      | -25.00           | 31.31       | 193         | 0         | Vertical     |
| 62.450000       | -75.53      | -25.00           | 50.53       | 218         | 83        | Horizontal   |
| 91.500000       | -80.98      | -25.00           | 55.98       | 275         | 158       | Horizontal   |
| 313.150000      | -83.32      | -25.00           | 58.32       | 268         | 179       | Horizontal   |
| 4994.200000     | -63.43      | -25.00           | 38.43       | 219         | 38        | Horizontal   |
| 7491.500000     | -54.98      | -25.00           | 29.98       | 288         | 15        | Horizontal   |
| 10624.175000    | -60.65      | -25.00           | 35.65       | 285         | 164       | Horizontal   |



## 7.2.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 64.400000       | -79.61      | -25.00           | 54.61       | 160         | 62        | Vertical     |
| 125.000000      | -83.12      | -25.00           | 58.12       | 181         | 53        | Vertical     |
| 327.100000      | -83.80      | -25.00           | 58.80       | 230         | 90        | Vertical     |
| 5168.075000     | -60.45      | -25.00           | 35.45       | 184         | 301       | Vertical     |
| 7752.150000     | -57.79      | -25.00           | 32.79       | 233         | 313       | Vertical     |
| 10336.225000    | -53.94      | -25.00           | 28.94       | 231         | 335       | Vertical     |
| 62.150000       | -75.39      | -25.00           | 50.39       | 290         | 76        | Horizontal   |
| 89.900000       | -80.86      | -25.00           | 55.86       | 201         | 140       | Horizontal   |
| 300.300000      | -83.39      | -25.00           | 58.39       | 252         | 180       | Horizontal   |
| 5168.400000     | -64.25      | -25.00           | 39.25       | 248         | 38        | Horizontal   |
| 7752.150000     | -59.15      | -25.00           | 34.15       | 230         | 26        | Horizontal   |
| 11267.025000    | -61.50      | -25.00           | 36.50       | 161         | 143       | Horizontal   |

## 7.2.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Height [cm] | Angle [°] | Polarization |
|-----------------|-------------|------------------|-------------|-------------|-----------|--------------|
| 55.100000       | -78.86      | -25.00           | 53.86       | 228         | 178       | Vertical     |
| 104.250000      | -83.58      | -25.00           | 58.58       | 269         | 20        | Vertical     |
| 319.350000      | -84.06      | -25.00           | 59.06       | 209         | 77        | Vertical     |
| 4419.600000     | -64.55      | -25.00           | 39.55       | 196         | 263       | Vertical     |
| 8013.125000     | -53.94      | -25.00           | 28.94       | 236         | 299       | Vertical     |
| 10684.625000    | -53.46      | -25.00           | 28.46       | 258         | 0         | Vertical     |
| 62.350000       | -74.88      | -25.00           | 49.88       | 294         | 148       | Horizontal   |
| 159.450000      | -83.59      | -25.00           | 58.59       | 158         | 139       | Horizontal   |
| 303.750000      | -83.38      | -25.00           | 58.38       | 150         | 179       | Horizontal   |
| 5342.275000     | -63.65      | -25.00           | 38.65       | 238         | 1         | Horizontal   |
| 7992.000000     | -61.35      | -25.00           | 36.35       | 199         | 49        | Horizontal   |
| 10684.625000    | -59.81      | -25.00           | 34.81       | 289         | 175       | Horizontal   |

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.





## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | VL            | NT               | -12.10         | -0.004828       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | VN            | NT               | -0.10          | -0.000040       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | VH            | NT               | -10.60         | -0.004230       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | VL            | NT               | -0.90          | -0.000347       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | VN            | NT               | -4.30          | -0.001658       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | VH            | NT               | -8.20          | -0.003162       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | VL            | NT               | 0.20           | 0.000075        | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | VN            | NT               | -10.80         | -0.004030       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | VH            | NT               | -9.30          | -0.003470       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | VL            | NT               | 0.30           | 0.000120        | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | VN            | NT               | -12.90         | -0.005148       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | VH            | NT               | -0.80          | -0.000319       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 40620   | 100RB#0      | VL            | NT               | -6.50          | -0.002507       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 40620   | 100RB#0      | VN            | NT               | -2.20          | -0.000848       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 40620   | 100RB#0      | VH            | NT               | -12.60         | -0.004859       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 100RB#0      | VL            | NT               | -13.00         | -0.004851       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 100RB#0      | VN            | NT               | -8.40          | -0.003134       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 100RB#0      | VH            | NT               | -6.80          | -0.002537       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0      | VL            | NT               | -3.50          | -0.001397       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0      | VN            | NT               | -14.30         | -0.005706       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0      | VH            | NT               | -6.70          | -0.002674       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0      | VL            | NT               | -5.20          | -0.002005       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0      | VN            | NT               | -4.90          | -0.001890       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0      | VH            | NT               | -6.10          | -0.002352       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0      | VL            | NT               | -2.70          | -0.001007       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0      | VN            | NT               | -6.40          | -0.002388       | ±2.5        | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0      | VH            | NT               | -11.40         | -0.004254       | ±2.5        | PASS    |





## 8.2. Frequency Vs Temperature

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -30              | -7.10          | -0.002833       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -20              | -11.00         | -0.004389       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | -10              | -11.40         | -0.004549       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 0                | -2.50          | -0.000998       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 10               | -12.90         | -0.005148       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 20               | -11.40         | -0.004549       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 30               | -4.20          | -0.001676       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 40               | -2.90          | -0.001157       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0      | NV            | 50               | 1.90           | 0.000758        | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -30              | -7.30          | -0.002815       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -20              | -11.40         | -0.004396       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -10              | -12.10         | -0.004515       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 0                | -2.10          | -0.000810       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 10               | -2.00          | -0.000771       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 20               | -11.40         | -0.004396       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 30               | -11.70         | -0.004512       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 40               | -0.40          | -0.000154       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 50               | -1.80          | -0.000694       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | -30              | -7.60          | -0.002836       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | -20              | -1.40          | -0.000522       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | -10              | -12.10         | -0.004515       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | 0                | -6.50          | -0.002425       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | 10               | -12.10         | -0.004515       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | 20               | -11.40         | -0.004254       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | 30               | -6.90          | -0.002575       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | 40               | -3.90          | -0.001455       | ±2.5        | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0      | NV            | 50               | -11.70         | -0.004366       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | NV            | -30              | -4.00          | -0.001596       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | NV            | -20              | -10.70         | -0.004270       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | NV            | -10              | -2.50          | -0.000964       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | NV            | 0                | -13.50         | -0.005387       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | NV            | 10               | -1.80          | -0.000718       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | NV            | 20               | -11.90         | -0.004749       | ±2.5        | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0      | NV            | 30               | 1.80           | 0.000718        | ±2.5        | PASS    |



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|        |       |       |       |         |    |     |        |           |      |      |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 40  | -2.50  | -0.000998 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | NV | 50  | -6.60  | -0.002634 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -30 | -2.50  | -0.000964 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -20 | -8.70  | -0.003355 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | -10 | -8.70  | -0.003355 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 0   | -11.00 | -0.004242 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 10  | 0.80   | 0.000309  | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 20  | -6.50  | -0.002507 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 30  | -9.60  | -0.003702 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 40  | -14.30 | -0.005515 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | NV | 50  | -3.40  | -0.001311 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -30 | -0.10  | -0.000037 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -20 | -12.10 | -0.004515 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | -10 | -0.10  | -0.000037 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 0   | -8.60  | -0.003209 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 10  | -8.10  | -0.003022 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 20  | -7.70  | -0.002873 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 30  | -9.80  | -0.003657 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 40  | -9.90  | -0.003694 | ±2.5 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | NV | 50  | -12.30 | -0.004590 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -30 | -7.10  | -0.002833 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -20 | -4.10  | -0.001636 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | -10 | -9.60  | -0.003831 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 0   | 0.70   | 0.000279  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 10  | -1.40  | -0.000559 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 20  | -7.90  | -0.003152 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 30  | -14.20 | -0.005666 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 40  | -9.60  | -0.003831 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | NV | 50  | -14.90 | -0.005946 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -30 | -2.70  | -0.001041 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -20 | -0.10  | -0.000039 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | -10 | -14.10 | -0.005438 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 0   | -1.70  | -0.000656 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 10  | -14.10 | -0.005438 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 20  | -14.00 | -0.005399 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 30  | -6.80  | -0.002622 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 40  | -13.80 | -0.005322 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | NV | 50  | -2.40  | -0.000926 | ±2.5 | PASS |



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|        |       |       |       |         |    |     |        |           |      |      |
|--------|-------|-------|-------|---------|----|-----|--------|-----------|------|------|
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -30 | -12.30 | -0.004590 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -20 | -6.10  | -0.002276 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | -10 | -12.30 | -0.004590 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 0   | -4.50  | -0.001679 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 10  | -1.10  | -0.000410 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 20  | 0.50   | 0.000187  | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 30  | -11.60 | -0.004328 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 40  | -8.70  | -0.003246 | ±2.5 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | NV | 50  | -4.50  | -0.001679 | ±2.5 | PASS |



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