



## Appendix N: Test Data for E-UTRA Band 38

Product Name: Handheld Data Terminal

Test Model: HT330

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.6° C   |
| Relative Humidity: | 52.3%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Ling Zhu  |
| Supervised by:     | Li huan   |





## N.1 Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 22.73       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12           | 22.87       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24           | 22.62       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0           | 21.72       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6           | 21.74       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13          | 21.72       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 21.69       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 22.22       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12           | 22.37       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24           | 22.22       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0           | 21.25       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6           | 21.24       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13          | 21.25       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 21.26       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | 22.60       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12           | 22.75       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24           | 22.62       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#0           | 21.73       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#6           | 21.72       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#13          | 21.76       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 21.75       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 21.62       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12           | 21.70       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24           | 21.55       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0           | 20.67       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6           | 20.68       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13          | 20.67       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 20.70       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 21.11       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12           | 21.26       | PASS    |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#24  | 21.11 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#0  | 20.19 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#6  | 20.18 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 12RB#13 | 20.20 | PASS |
| Band38 | 5MHz  | 16QAM | 38000 | 25RB#0  | 20.27 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0   | 21.69 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#12  | 21.86 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#24  | 21.73 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 20.73 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 20.71 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 20.75 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 20.73 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 22.76 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 22.96 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 22.51 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 21.78 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 21.79 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 21.66 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 21.67 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 22.28 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 22.54 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 22.31 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 21.36 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 21.34 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 21.34 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 21.36 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 22.65 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 23.10 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 22.78 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 21.78 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 21.79 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 21.84 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 21.78 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 21.76 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 21.95 | PASS |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 21.51 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 20.75 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 20.74 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 20.64 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 20.69 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 21.29 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 21.56 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 21.33 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 20.33 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 20.32 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 20.32 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 20.32 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 21.48 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 21.86 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 21.62 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 20.77 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 20.79 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 20.81 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 20.77 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 22.72 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 22.63 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 22.37 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 21.72 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 21.70 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 21.47 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 21.73 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 22.29 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 22.29 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 22.31 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 21.36 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 21.08 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 21.38 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 21.42 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 22.36 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 22.71 | PASS |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 22.69 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 21.54 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 21.50 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 21.74 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 21.70 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 21.71 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 21.72 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 21.40 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.80 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.70 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.39 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 20.66 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 21.33 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 21.10 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 21.39 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 21.04 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.41 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.40 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 20.32 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 21.43 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 21.50 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 21.78 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 21.20 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.72 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.71 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 20.68 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 22.17 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 22.55 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 22.07 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 21.31 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 21.31 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 21.34 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 21.37 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 22.19 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 22.34 | PASS |





|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 22.04 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 21.48 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 21.45 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 21.42 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 21.48 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 22.20 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 22.48 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 22.27 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 21.42 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 21.46 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 21.64 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 21.52 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 21.42 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 21.86 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 21.41 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 20.26 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 20.38 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 20.38 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 20.23 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 20.97 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 21.31 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 21.03 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 20.47 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 20.49 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 20.39 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 20.25 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 20.92 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 21.47 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 21.07 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 20.43 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 20.59 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 20.64 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 20.62 | PASS |





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

### Test Result

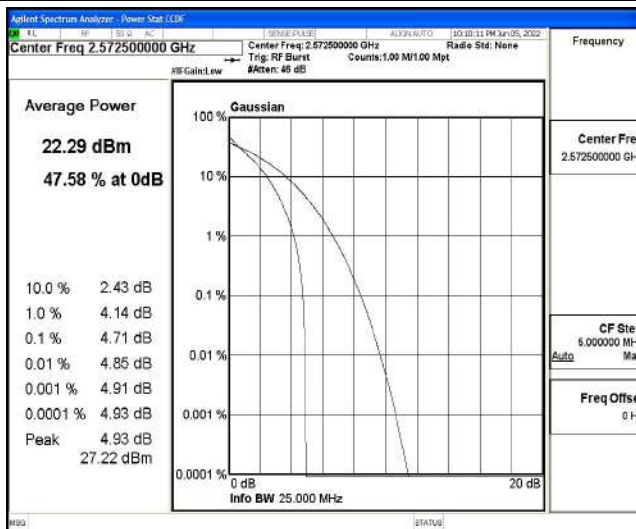
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 4.71       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.77       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 5.43       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 5.58       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 5.64       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 6.44       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 4.79       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 4.85       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 5.41       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 5.69       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 5.75       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 6.24       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 5.31       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 5.24       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 5.27       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 6.05       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 6.00       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 6.02       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 5.09       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 5.07       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 5.08       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 5.94       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 5.95       | 13        | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 5.92       | 13        | PASS    |



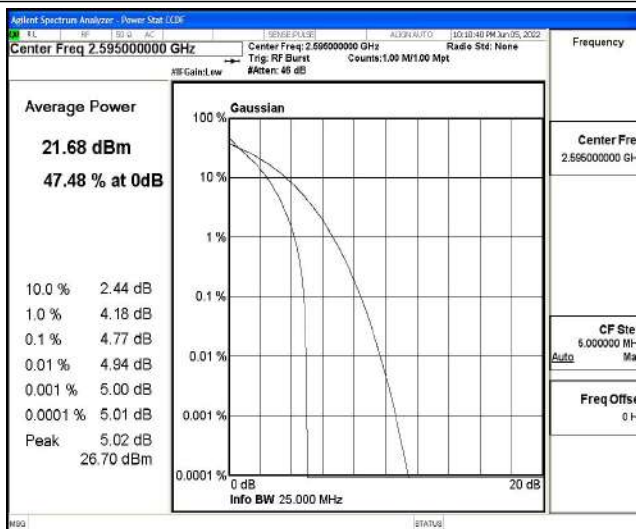


## Test Graphs

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

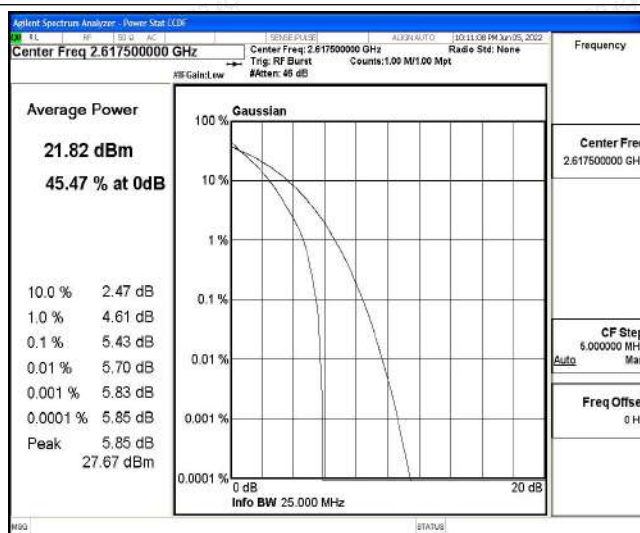


Band38-5MHz-QPSK-38000-25RB#0

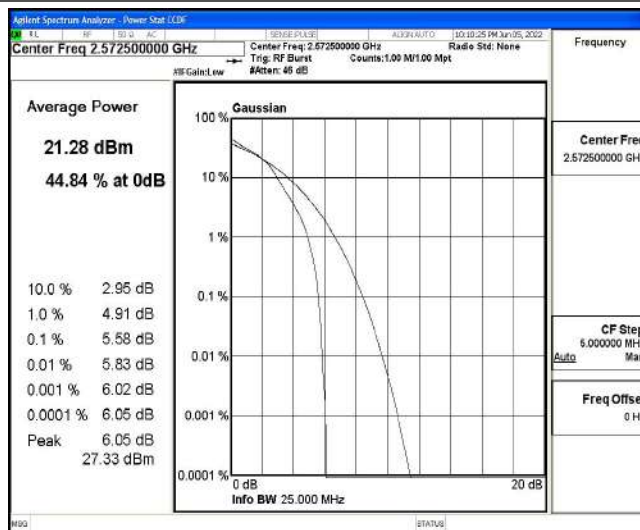


Band38-5MHz-QPSK-38225-25RB#0

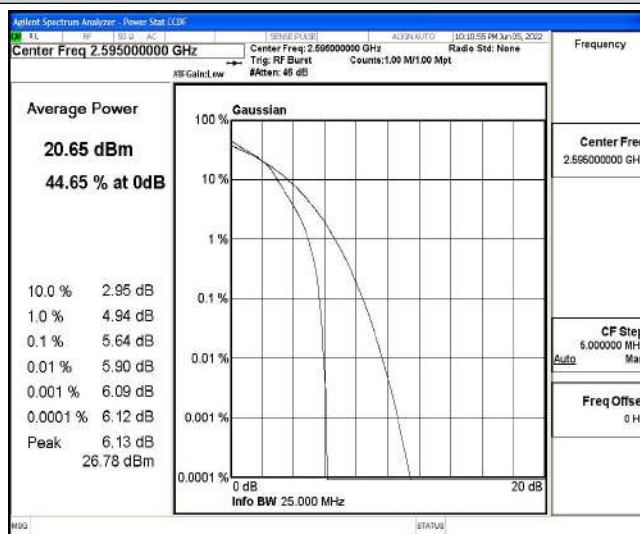




Band38-5MHz-16QAM-37775-25RB#0

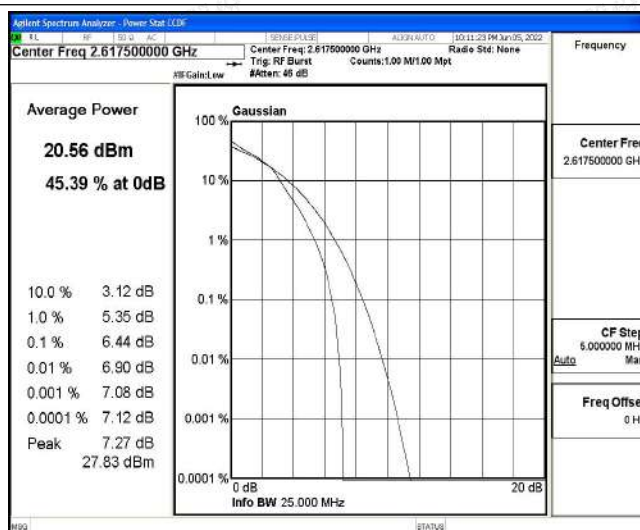


Band38-5MHz-16QAM-38000-25RB#0

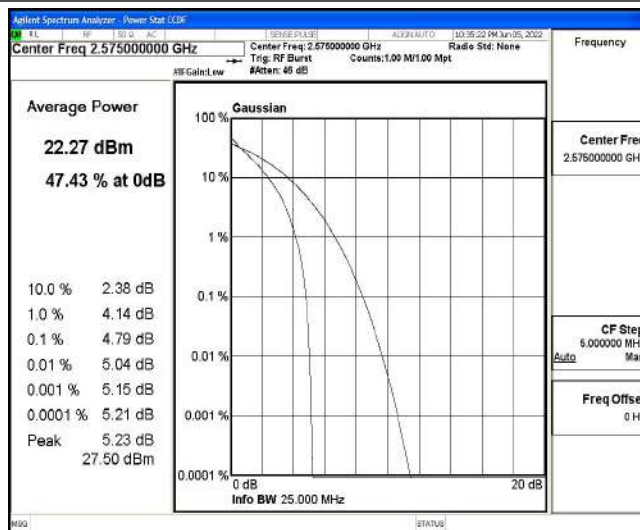


Band38-5MHz-16QAM-38225-25RB#0

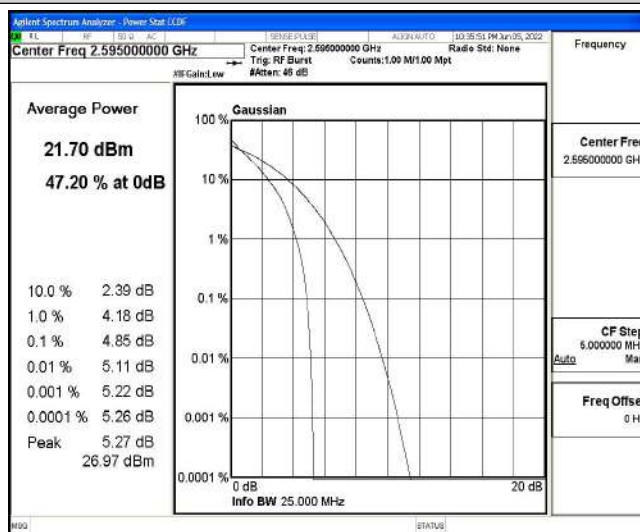




Band38-10MHz-QPSK-37800-50RB#0

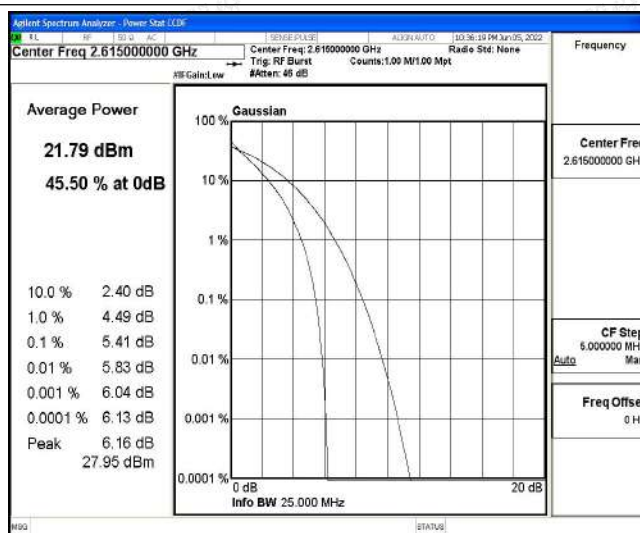


Band38-10MHz-QPSK-38000-50RB#0

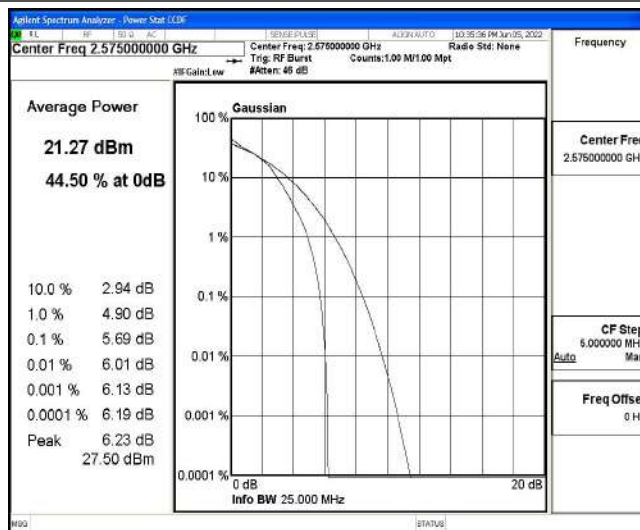


Band38-10MHz-QPSK-38200-50RB#0

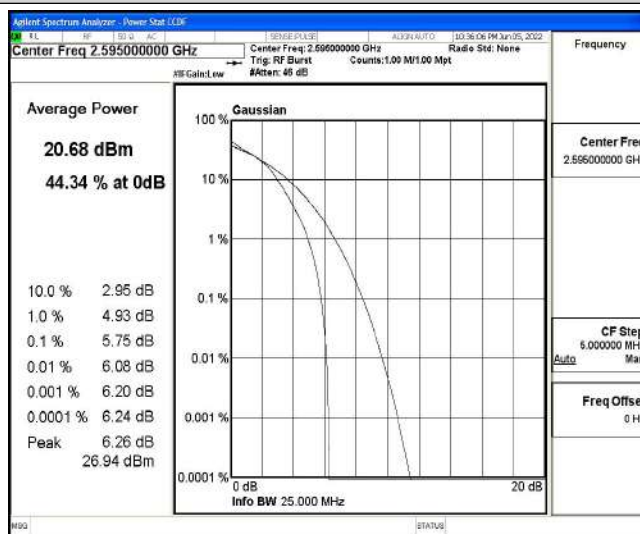




Band38-10MHz-16QAM-37800-50RB#0

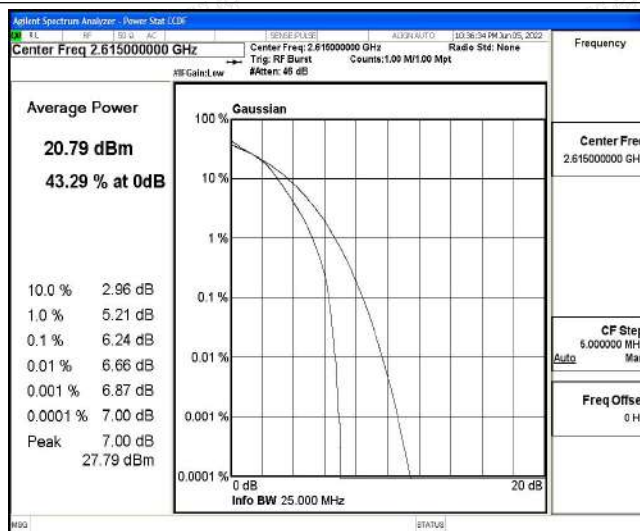


Band38-10MHz-16QAM-38000-50RB#0

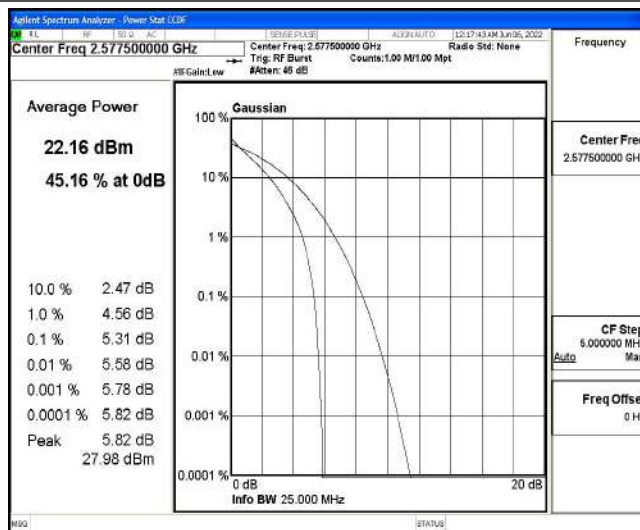


Band38-10MHz-16QAM-38200-50RB#0

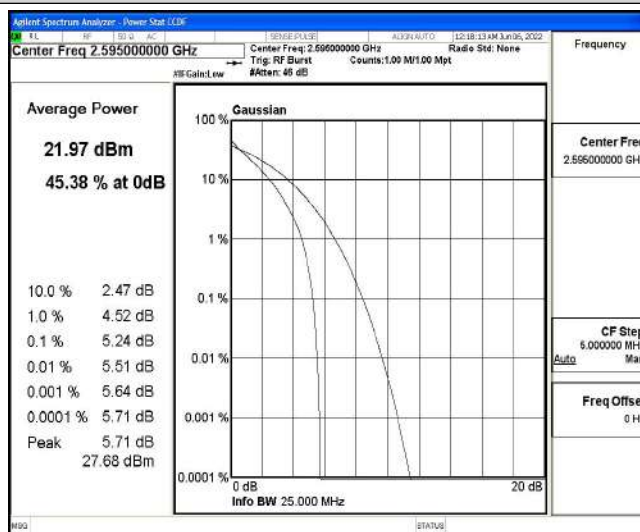




Band38-15MHz-QPSK-37825-75RB#0

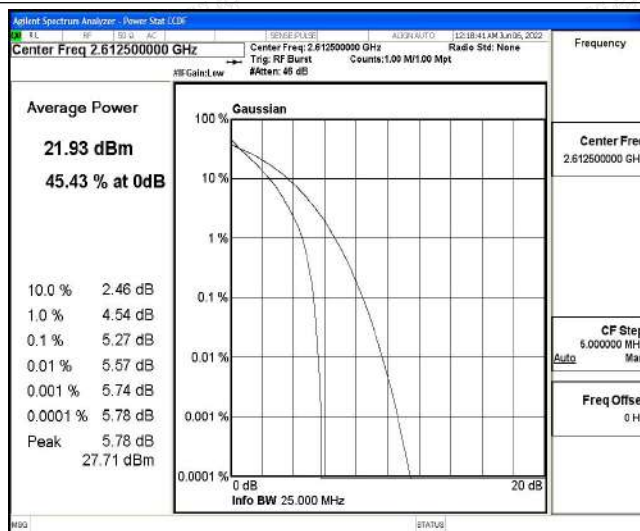


Band38-15MHz-QPSK-38000-75RB#0

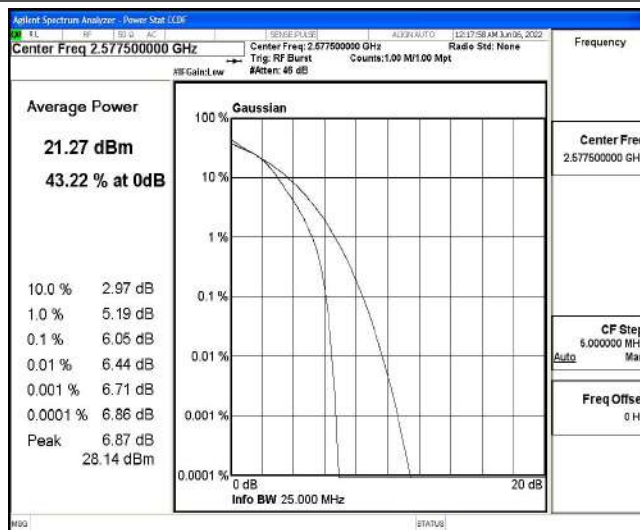


Band38-15MHz-QPSK-38175-75RB#0

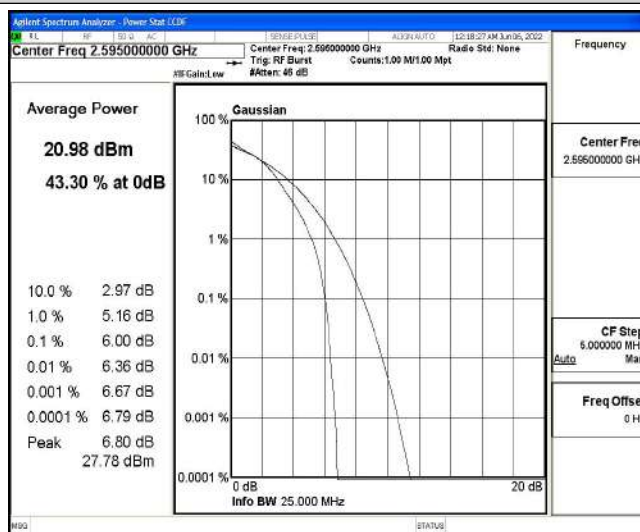




Band38-15MHz-16QAM-37825-75RB#0

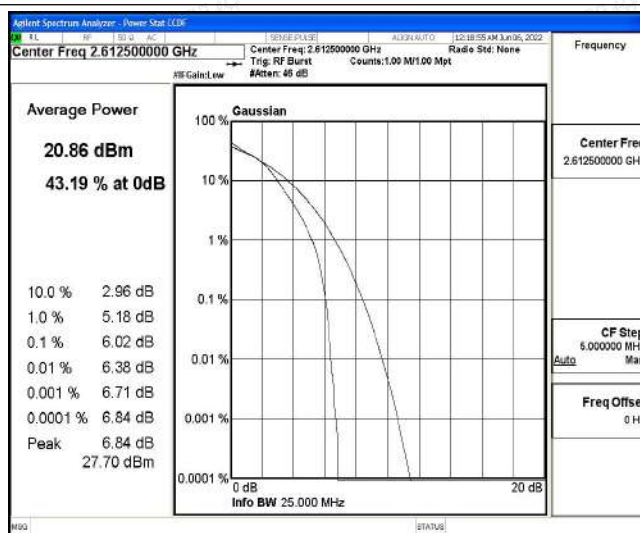


Band38-15MHz-16QAM-38000-75RB#0

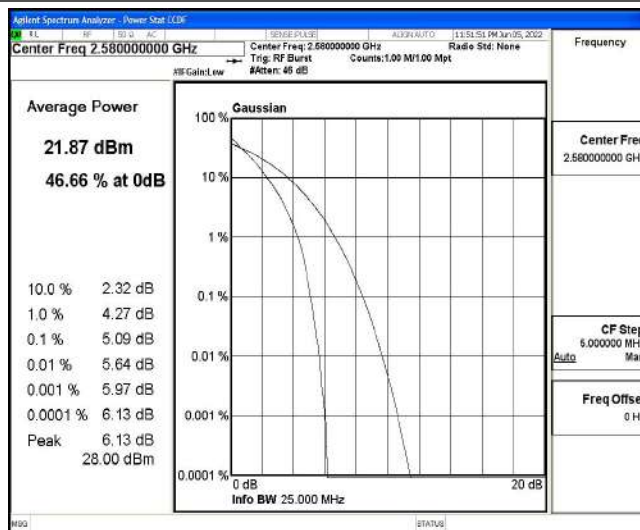


Band38-15MHz-16QAM-38175-75RB#0

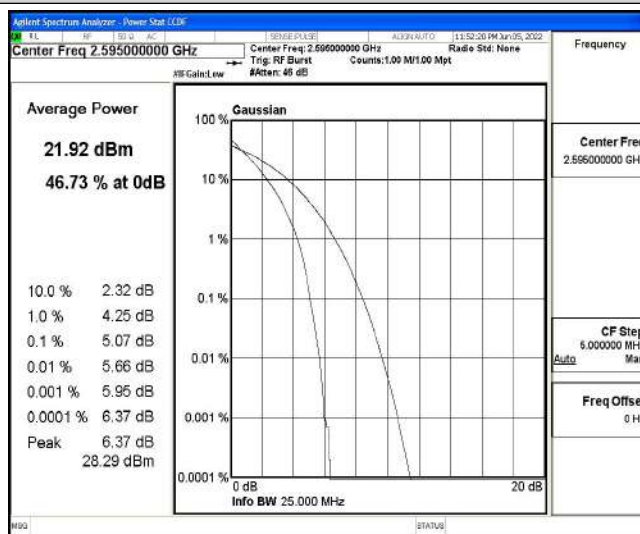




Band38-20MHz-QPSK-37850-100RB#0

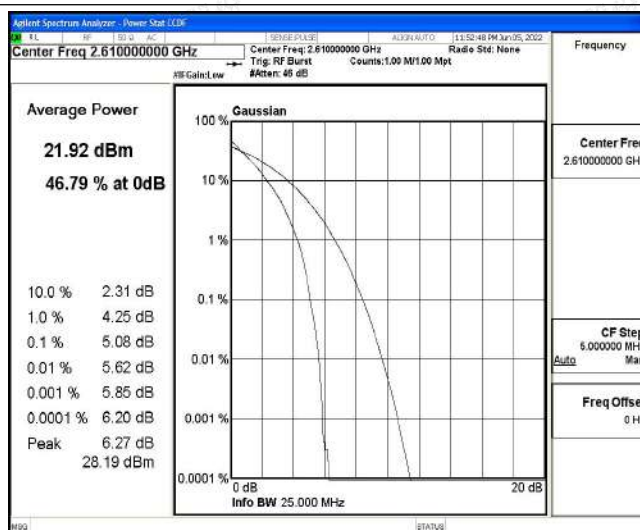


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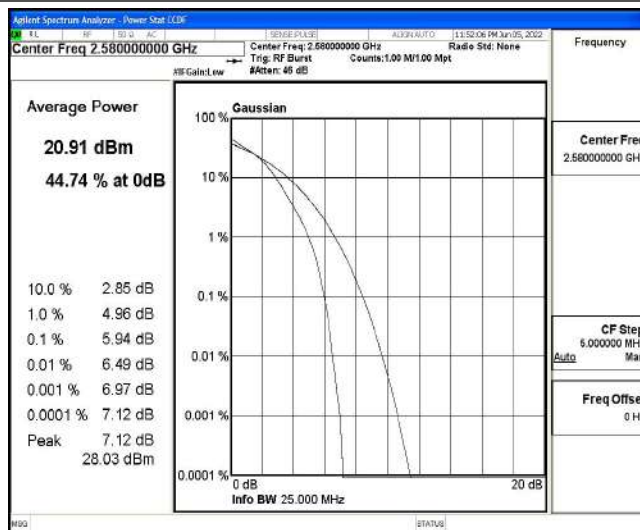


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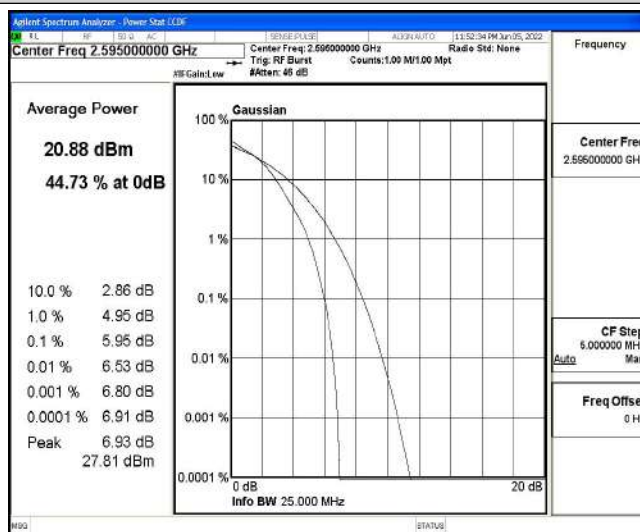




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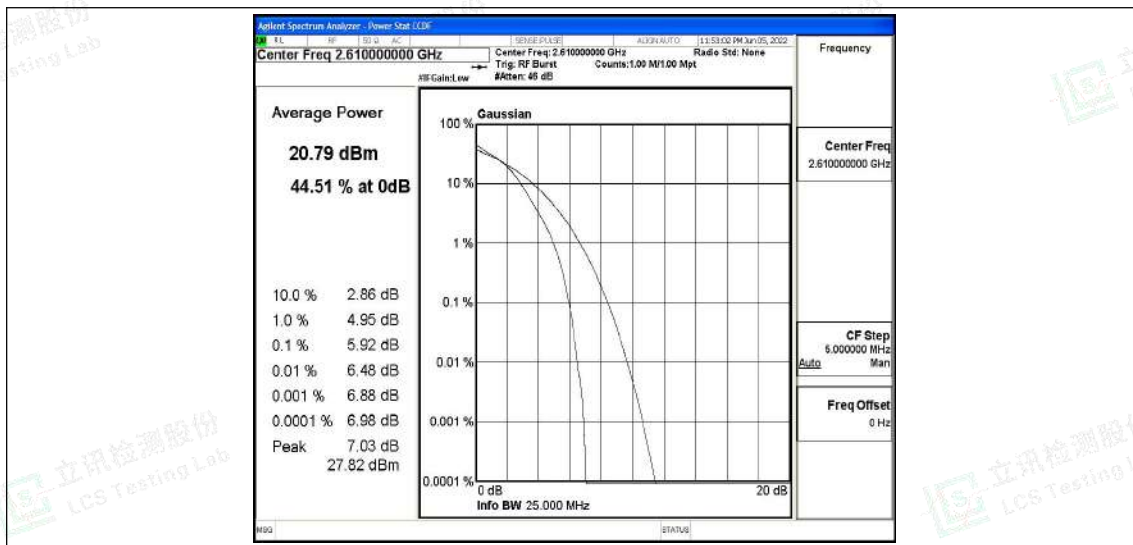


Band38-20MHz-16QAM-38000-100RB#0



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







### N.3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

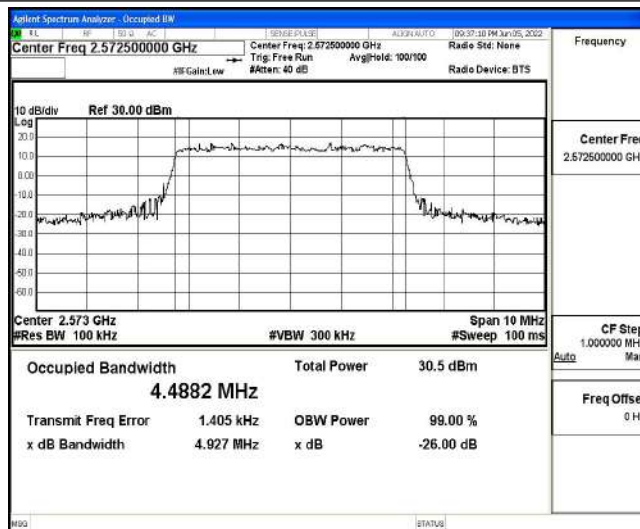
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 4.4882                   | 4.927                | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.4931                   | 4.917                | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 4.4892                   | 5.069                | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 4.4928                   | 5.070                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 4.4913                   | 5.103                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 4.4836                   | 4.906                | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 9.0112                   | 9.697                | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 8.9858                   | 9.786                | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 8.9898                   | 9.705                | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 8.9760                   | 9.680                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 8.9797                   | 9.635                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 8.9877                   | 10.66                | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 13.451                   | 14.99                | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 13.510                   | 16.72                | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 13.444                   | 22.37                | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 13.485                   | 24.97                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 13.485                   | 25.57                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 13.511                   | 18.37                | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 17.941                   | 19.32                | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 17.912                   | 19.45                | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 17.895                   | 19.75                | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 17.865                   | 20.01                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 17.881                   | 19.71                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 17.875                   | 20.89                | PASS    |



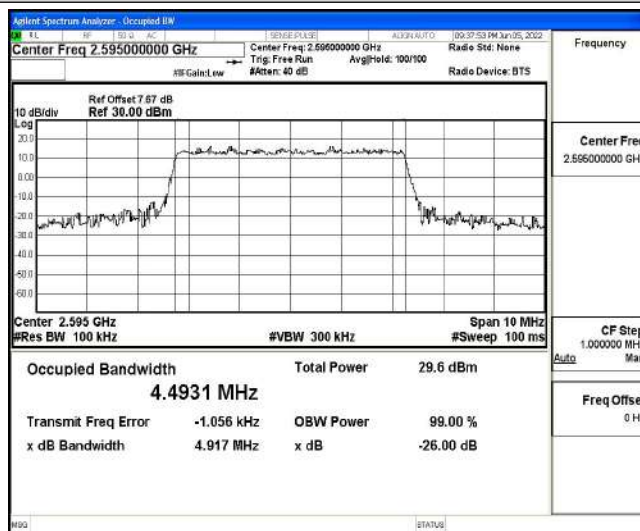


## Test Graphs

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

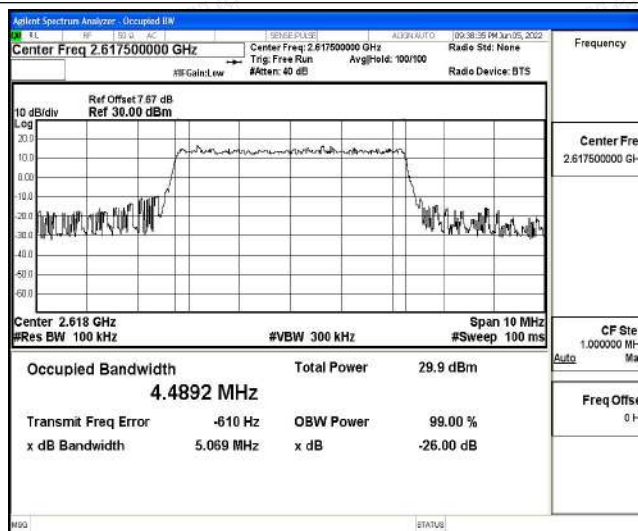


Band38-5MHz-QPSK-38000-25RB#0

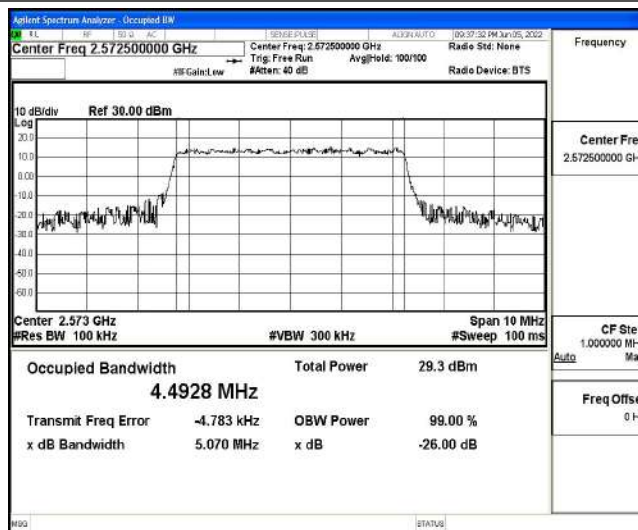


Band38-5MHz-QPSK-38225-25RB#0

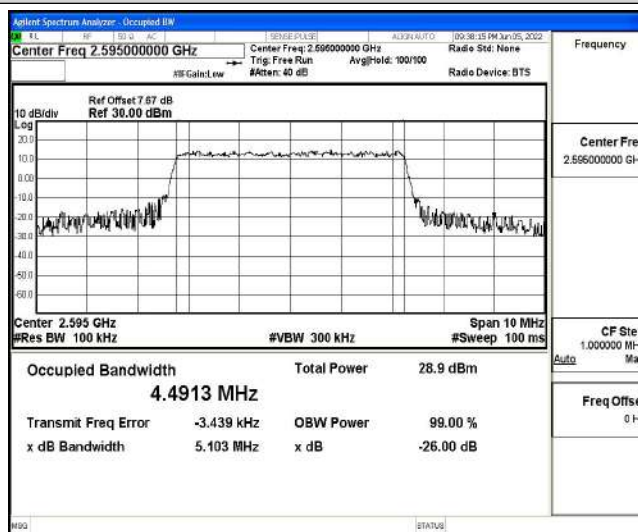




Band38-5MHz-16QAM-37775-25RB#0

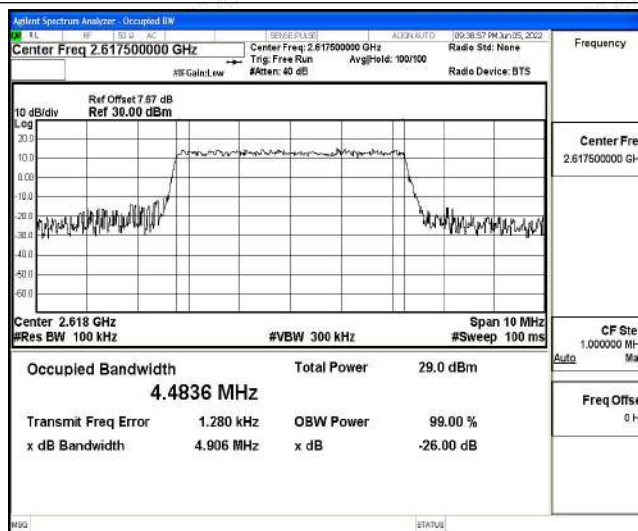


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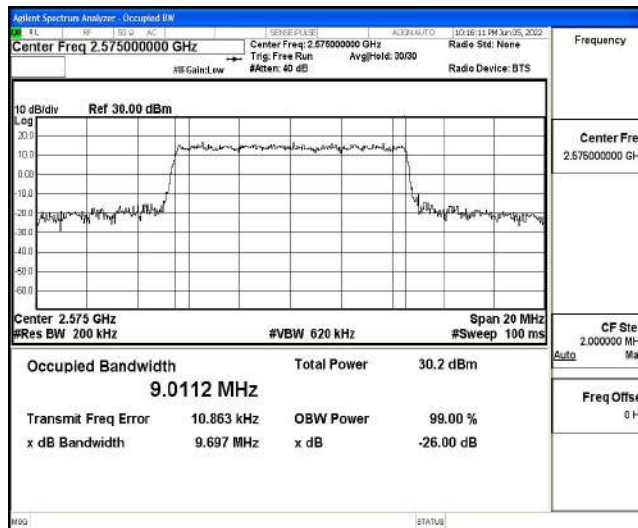


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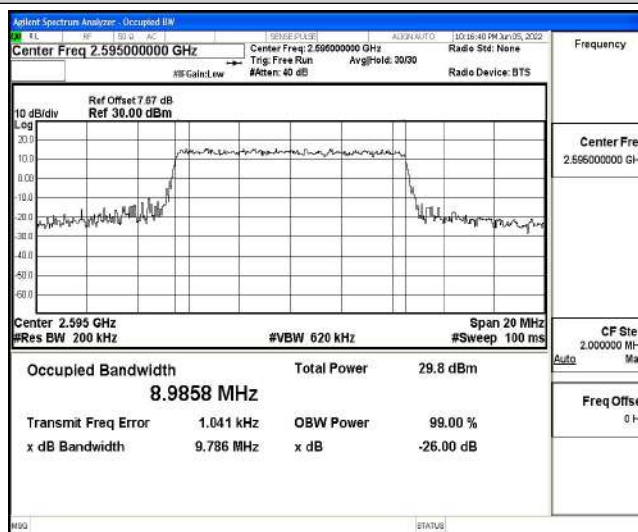




Band38-10MHz-QPSK-37800-50RB#0

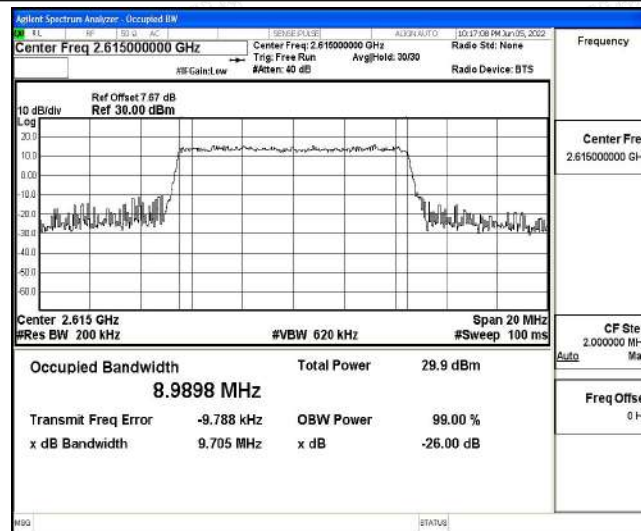


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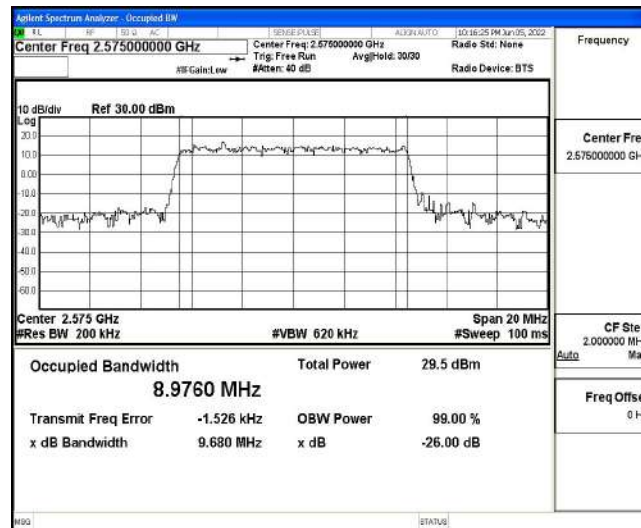


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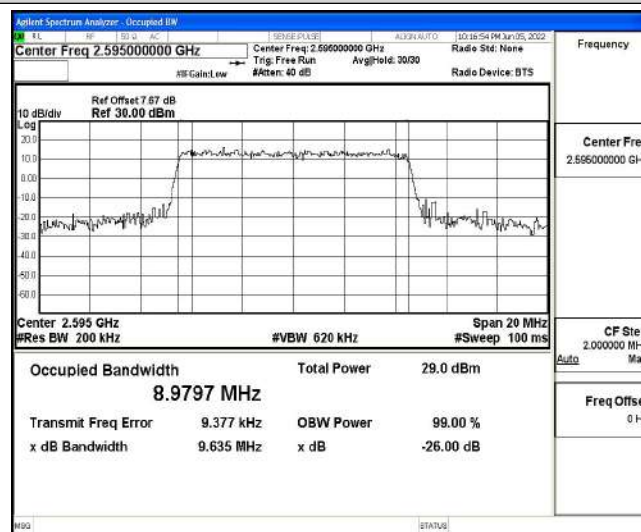




Band38-10MHz-16QAM-37800-50RB#0

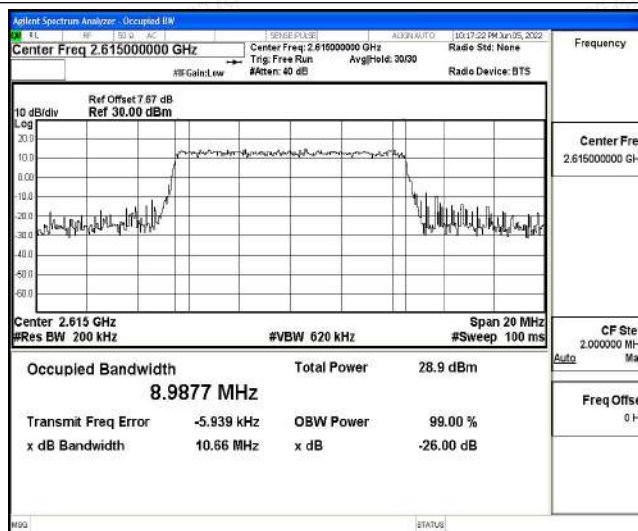


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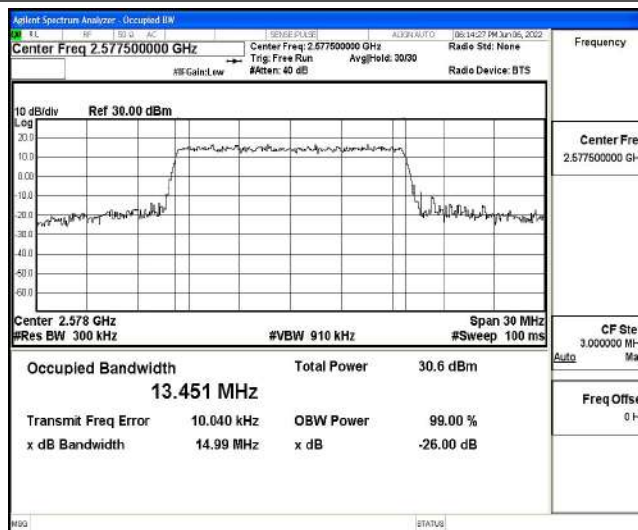


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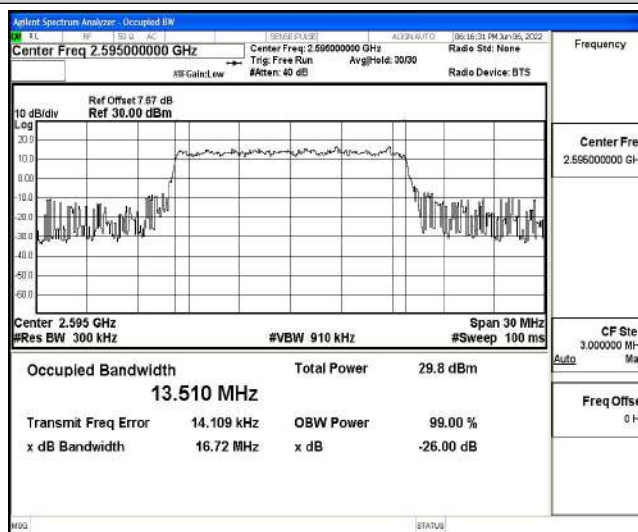




Band38-15MHz-QPSK-37825-75RB#0

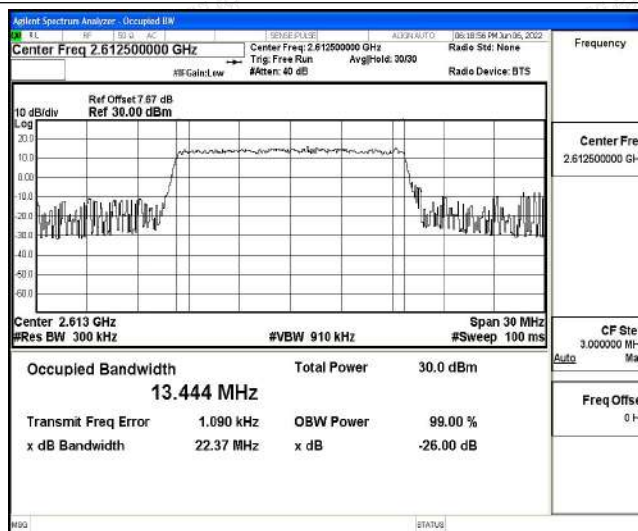


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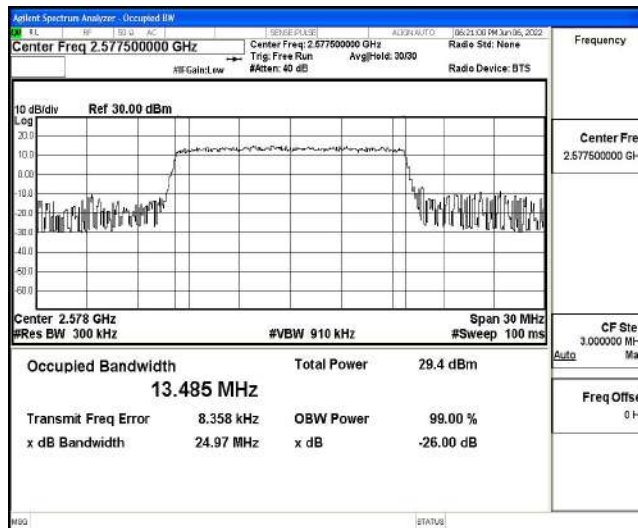


Band38-15MHz-QPSK-38175-75RB#0

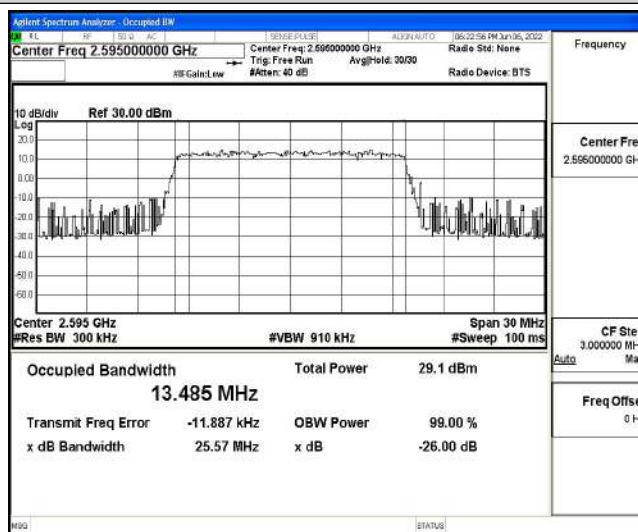




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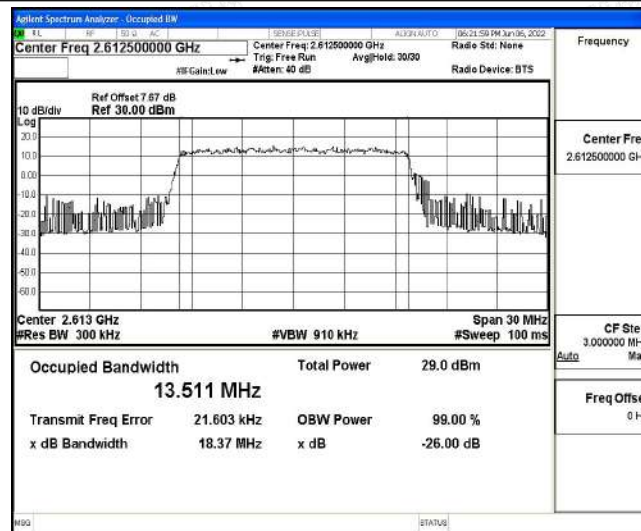


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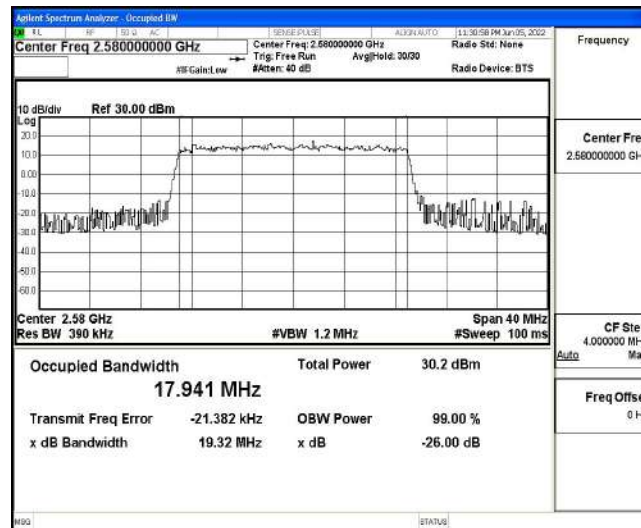


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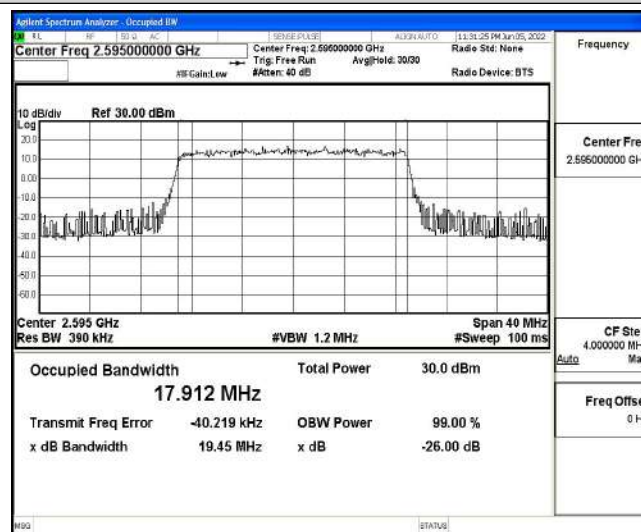




Band38-20MHz-QPSK-37850-100RB#0

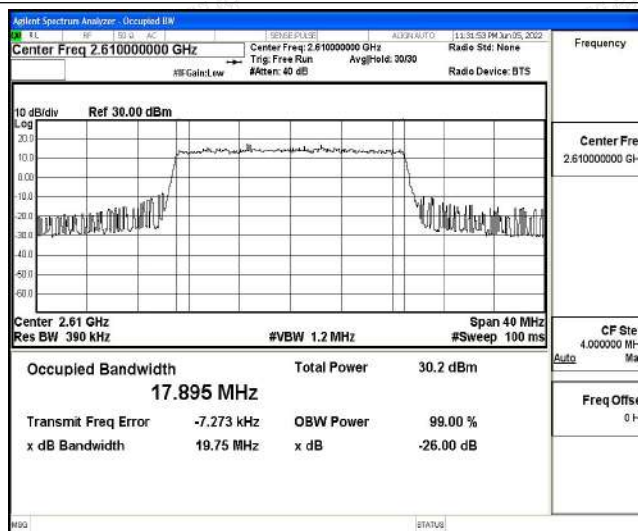


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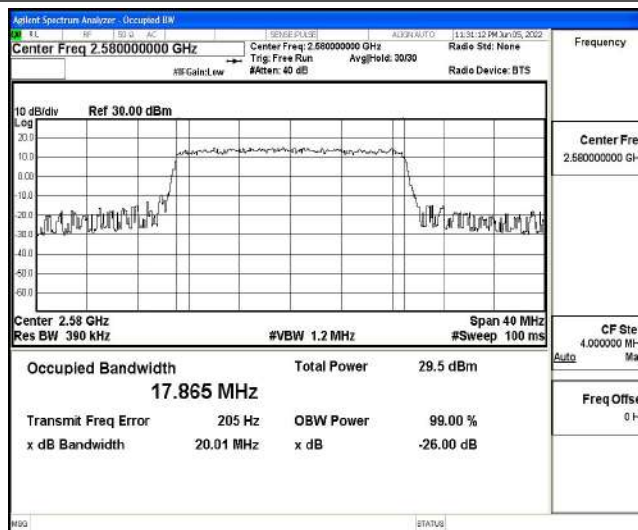


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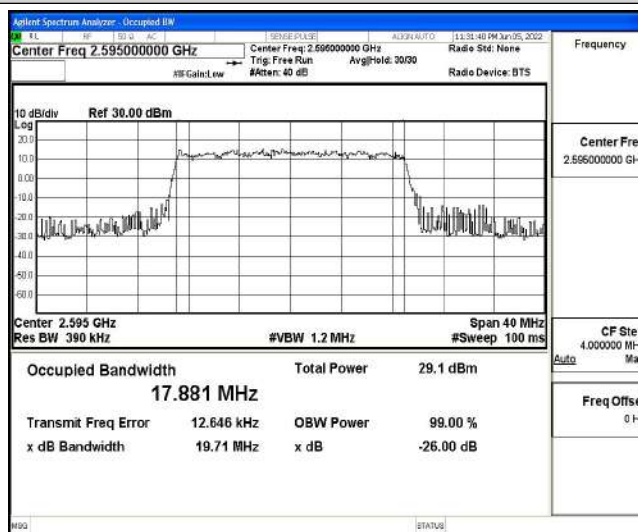




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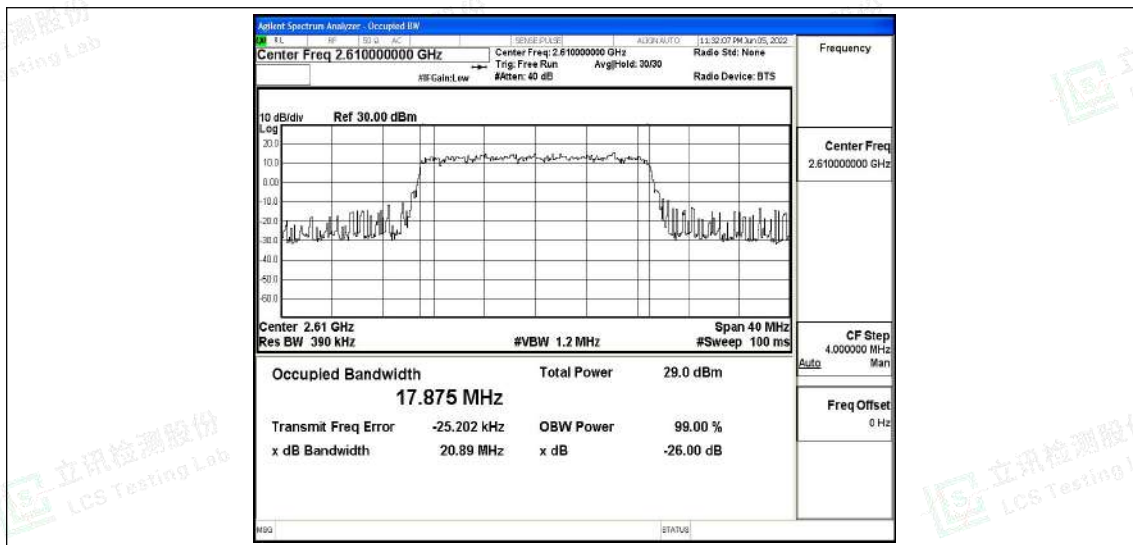


Band38-20MHz-16QAM-38000-100RB#0



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





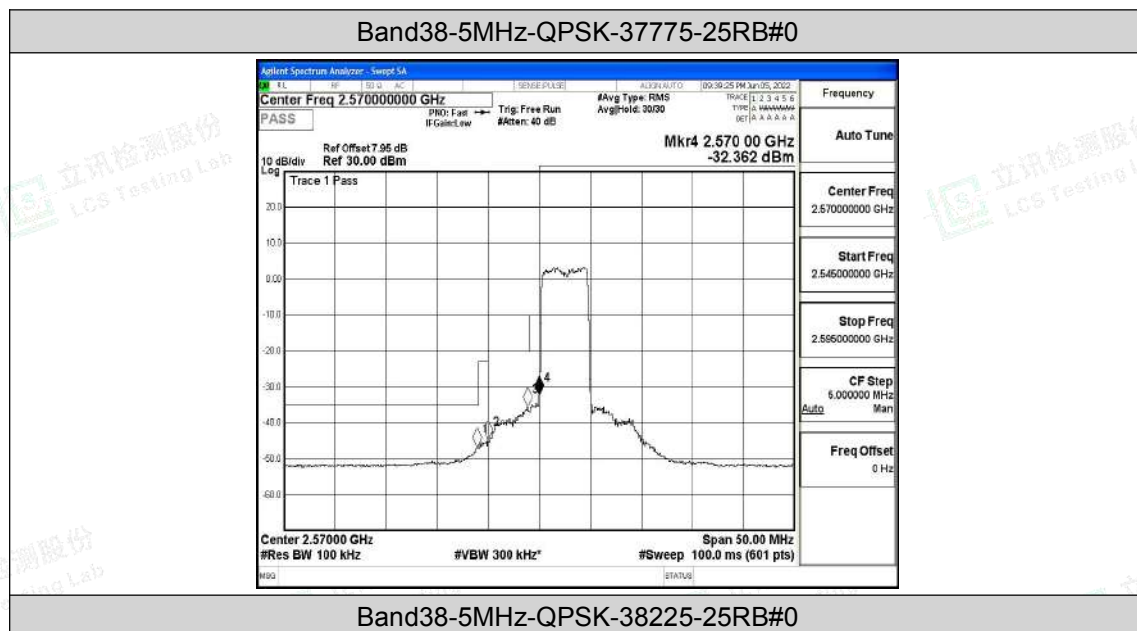


## N.4 Band Edge

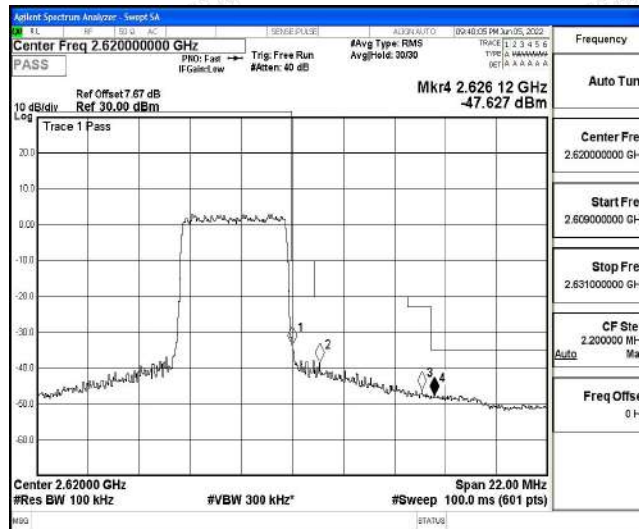
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)                 | Verdict |
|--------|-----------|------------|---------|------------------|-----------------------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | -46.81,-44.69,-35.65,-32.36 | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | -33.65,-38.45,-46.15,-47.63 | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | -48.44,-46.49,-37.06,-32.60 | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | -34.71,-39.30,-46.93,-48.33 | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | -43.24,-38.31,-35.31,-33.37 | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | -35.35,-38.06,-40.72,-45.45 | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | -44.48,-39.76,-37.56,-34.45 | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | -36.79,-38.56,-41.18,-46.79 | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | -42.97,-39.58,-36.68,-32.05 | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | -31.78,-34.42,-39.66,-42.08 | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | -43.72,-40.14,-36.50,-35.67 | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | -34.92,-36.37,-39.25,-42.57 | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | -43.62,-38.97,-36.52,-35.42 | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | -35.50,-37.91,-39.72,-42.82 | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | -43.77,-38.78,-37.56,-35.91 | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | -36.12,-37.08,-38.90,-43.02 | PASS    |

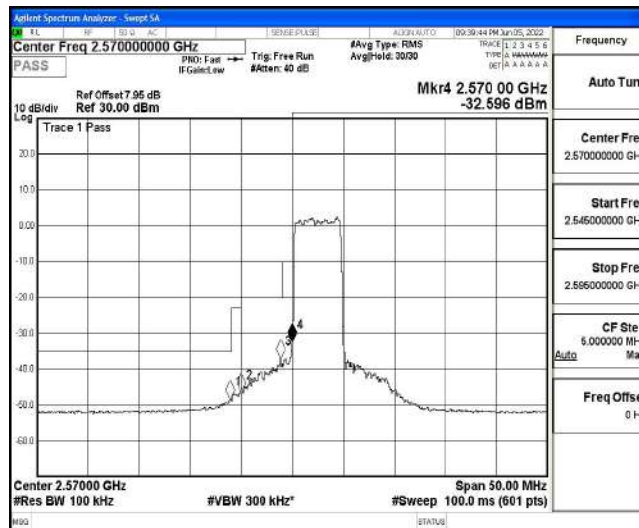
### Test Graphs



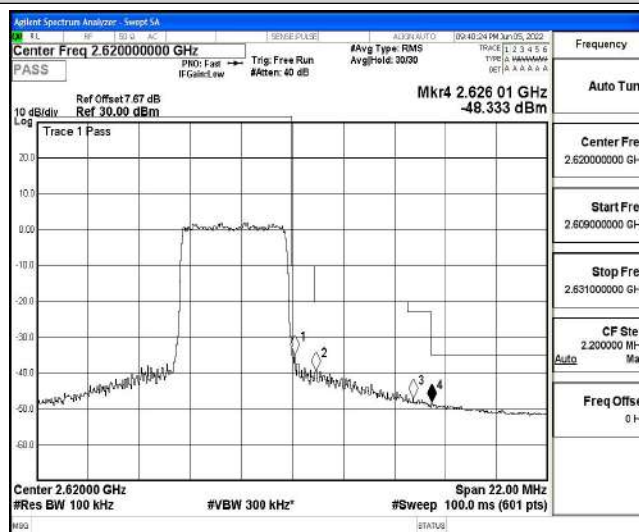
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
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Scan code to check authenticity



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

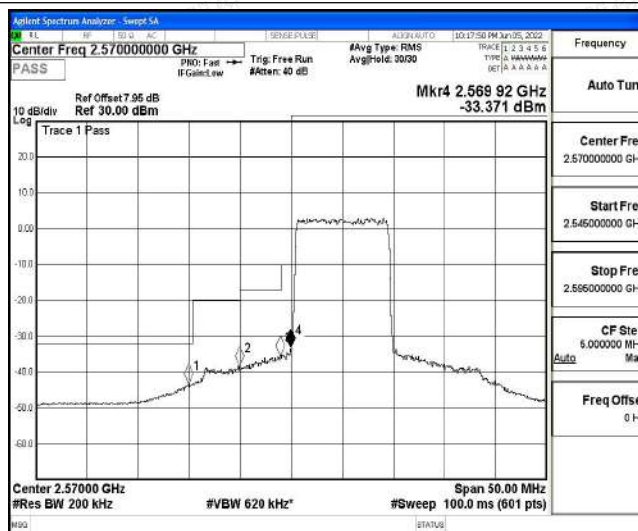


Band38-5MHz-16QAM-38225-25RB#0

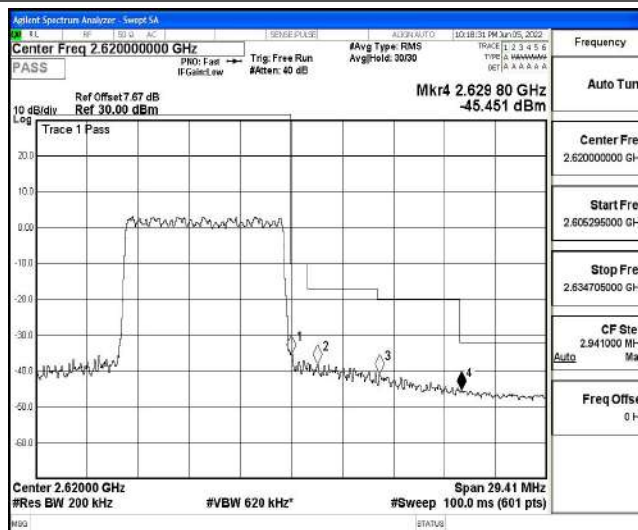


Band38-10MHz-QPSK-37800-50RB#0

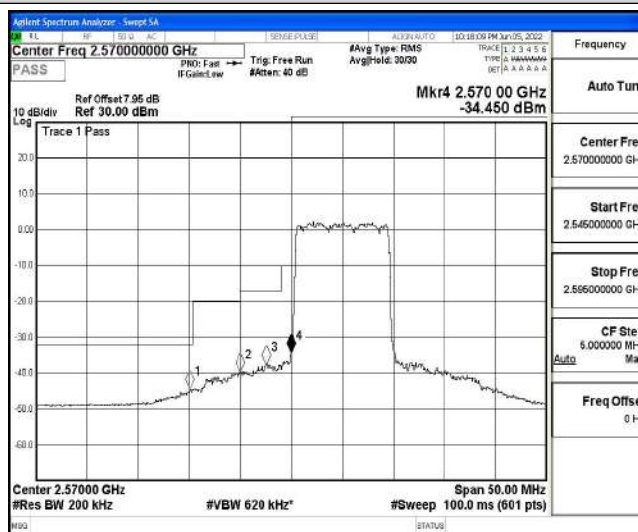




Band38-10MHz-QPSK-38200-50RB#0

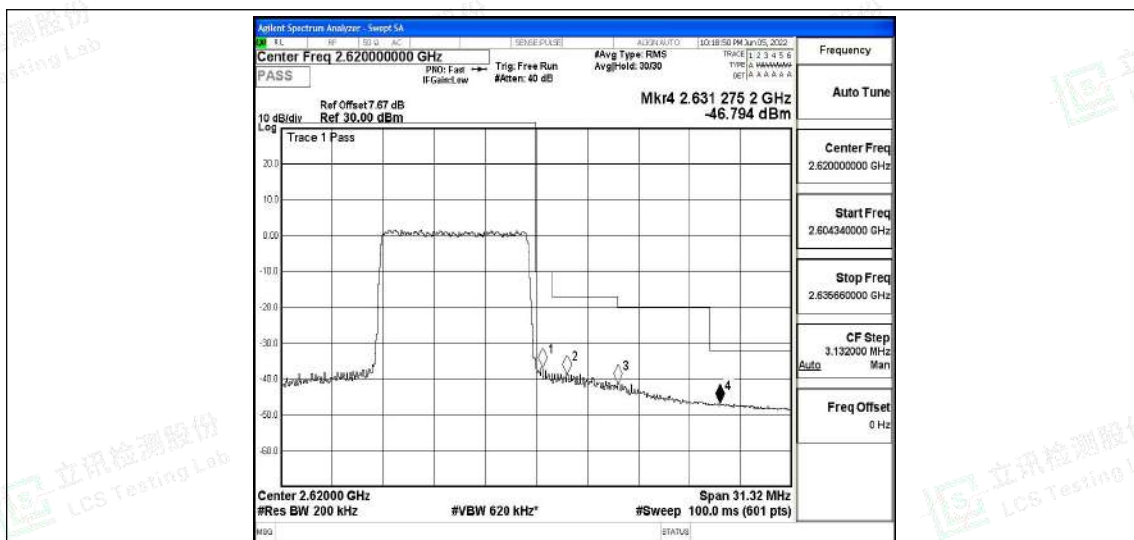


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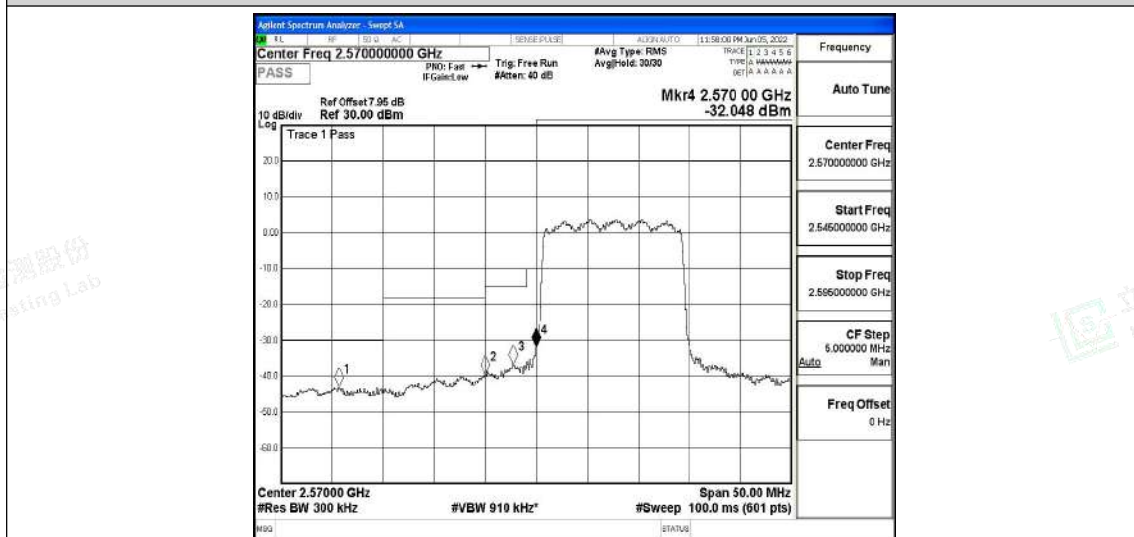


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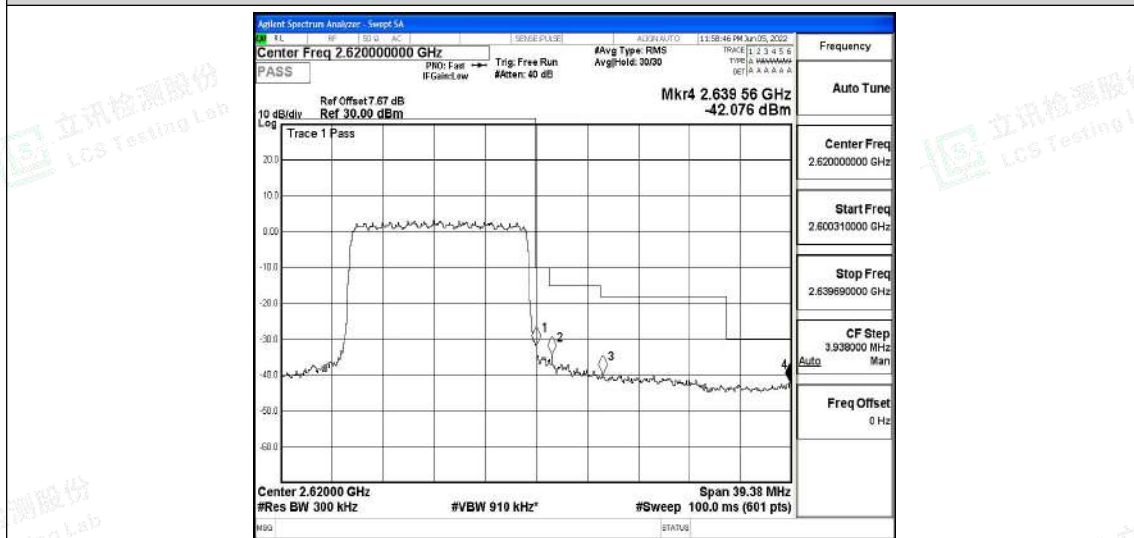




Band38-15MHz-QPSK-37825-75RB#0



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

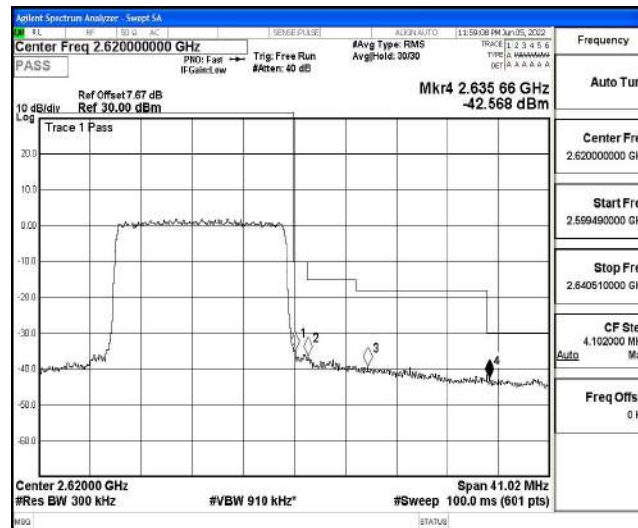


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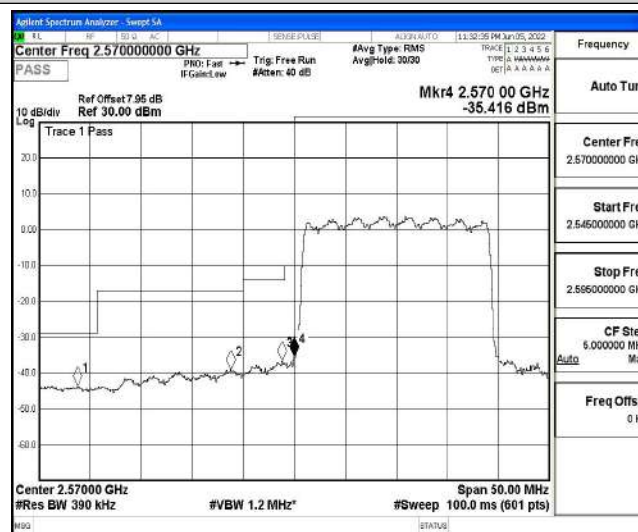




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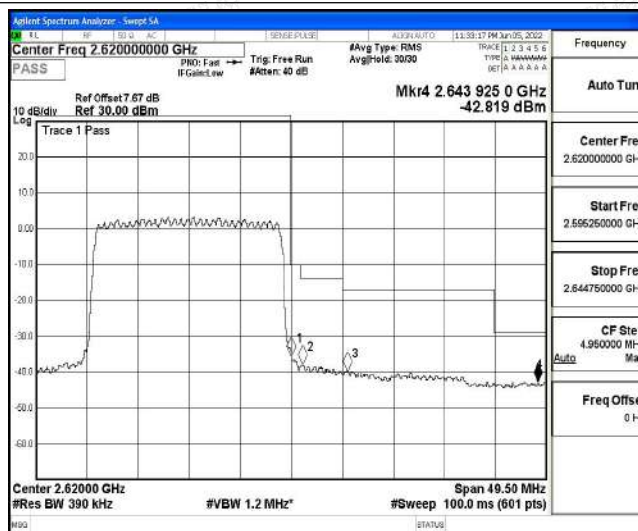


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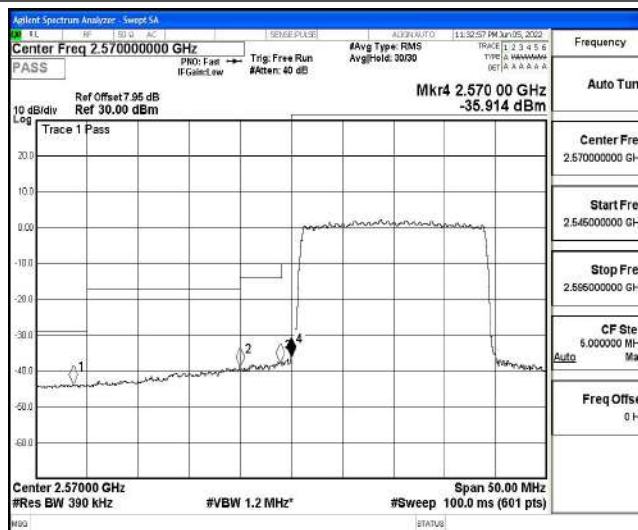


Band38-20MHz-QPSK-38150-100RB#0

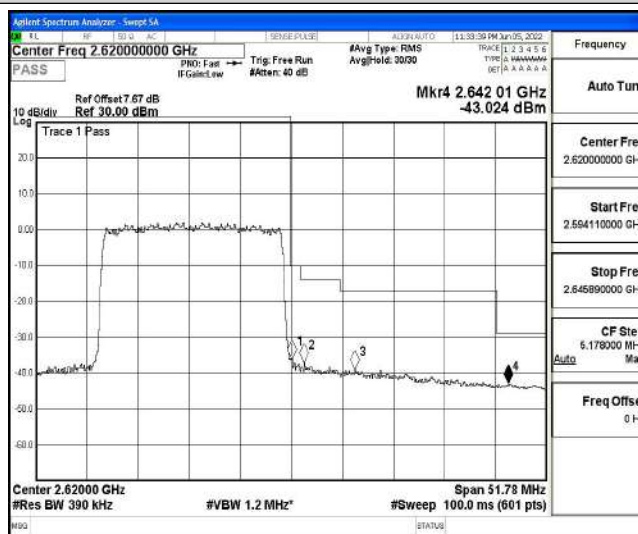




Band38-20MHz-16QAM-37850-100RB#0



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





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Tel: +(86) 0755-82591330 | E-mail: [webmaster@lcs-cert.com](mailto:webmaster@lcs-cert.com) | Web: [www.lcs-cert.com](http://www.lcs-cert.com)  
Scan code to check authenticity



## N.5 Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range       | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------------|--------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | Range1:0.009~0.15MHz  | -65.7        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | Range2:0.15~30MHz     | -50.01       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | Range3:30~1000MHz     | -41.37       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | Range4:1000~10000MHz  | -45.08       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | Range5:10000~20000MHz | -49.26       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | Range6:20000~26500MHz | -36.94       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | Range1:0.009~0.15MHz  | -66.15       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | Range2:0.15~30MHz     | -50.57       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | Range3:30~1000MHz     | -40.91       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | Range4:1000~10000MHz  | -45          | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | Range5:10000~20000MHz | -49.25       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | Range6:20000~26500MHz | -36.96       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | Range1:0.009~0.15MHz  | -65.12       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | Range2:0.15~30MHz     | -50.95       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | Range3:30~1000MHz     | -41.07       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | Range4:1000~10000MHz  | -44.76       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | Range5:10000~20000MHz | -49.23       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | Range6:20000~26500MHz | -36.97       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | Range1:0.009~0.15MHz  | -66.24       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | Range2:0.15~30MHz     | -51.07       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | Range3:30~1000MHz     | -41.32       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | Range4:1000~10000MHz  | -44.97       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | Range5:10000~20000MHz | -49.28       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | Range6:20000~26500MHz | -37.04       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | Range1:0.009~0.15MHz  | -65.51       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | Range2:0.15~30MHz     | -51.5        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | Range3:30~1000MHz     | -41.35       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | Range4:1000~10000MHz  | -45.07       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | Range5:10000~20000MHz | -49.41       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | Range6:20000~26500MHz | -37.16       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | Range1:0.009~0.15MHz  | -66.07       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | Range2:0.15~30MHz     | -51.51       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | Range3:30~1000MHz     | -42.09       | PASS    |





|        |       |       |       |       |                       |        |      |
|--------|-------|-------|-------|-------|-----------------------|--------|------|
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | Range4:1000~10000MHz  | -44.87 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | Range5:10000~20000MHz | -49.26 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | Range6:20000~26500MHz | -37.03 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | Range1:0.009~0.15MHz  | -65.15 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | Range2:0.15~30MHz     | -50.4  | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | Range3:30~1000MHz     | -42.46 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | Range4:1000~10000MHz  | -44.9  | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | Range5:10000~20000MHz | -49.25 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | Range6:20000~26500MHz | -37.1  | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | Range1:0.009~0.15MHz  | -66.06 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | Range2:0.15~30MHz     | -50.5  | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | Range3:30~1000MHz     | -41.31 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | Range4:1000~10000MHz  | -45.01 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | Range5:10000~20000MHz | -49.21 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | Range6:20000~26500MHz | -37.18 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | Range1:0.009~0.15MHz  | -65.67 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | Range2:0.15~30MHz     | -52.21 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | Range3:30~1000MHz     | -42.32 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | Range4:1000~10000MHz  | -45.04 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | Range5:10000~20000MHz | -49.19 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | Range6:20000~26500MHz | -37.27 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | Range1:0.009~0.15MHz  | -64.62 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | Range2:0.15~30MHz     | -52.22 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | Range3:30~1000MHz     | -41.23 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | Range4:1000~10000MHz  | -44.96 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | Range5:10000~20000MHz | -49.28 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | Range6:20000~26500MHz | -37.12 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | Range1:0.009~0.15MHz  | -63.83 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | Range2:0.15~30MHz     | -51.85 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | Range3:30~1000MHz     | -41.73 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | Range4:1000~10000MHz  | -45.04 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | Range5:10000~20000MHz | -49.31 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | Range6:20000~26500MHz | -37.06 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | Range1:0.009~0.15MHz  | -66.47 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | Range2:0.15~30MHz     | -52.08 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | Range3:30~1000MHz     | -42.13 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | Range4:1000~10000MHz  | -44.98 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | Range5:10000~20000MHz | -49.39 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | Range6:20000~26500MHz | -37.16 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | Range1:0.009~0.15MHz  | -66.73 | PASS |





|        |       |       |       |       |                       |        |      |
|--------|-------|-------|-------|-------|-----------------------|--------|------|
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | Range2:0.15~30MHz     | -50.82 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | Range3:30~1000MHz     | -40.52 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | Range4:1000~10000MHz  | -45    | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | Range5:10000~20000MHz | -49.35 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | Range6:20000~26500MHz | -37.28 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | Range1:0.009~0.15MHz  | -66.53 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | Range2:0.15~30MHz     | -52.03 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | Range3:30~1000MHz     | -41.74 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | Range4:1000~10000MHz  | -44.97 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | Range5:10000~20000MHz | -49.22 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | Range6:20000~26500MHz | -37.2  | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | Range1:0.009~0.15MHz  | -65.39 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | Range2:0.15~30MHz     | -50.49 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | Range3:30~1000MHz     | -41.57 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | Range4:1000~10000MHz  | -45.01 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | Range5:10000~20000MHz | -49.22 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | Range6:20000~26500MHz | -37.15 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | Range1:0.009~0.15MHz  | -67.11 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | Range2:0.15~30MHz     | -51    | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | Range3:30~1000MHz     | -42.12 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | Range4:1000~10000MHz  | -45.03 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | Range5:10000~20000MHz | -49.15 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | Range6:20000~26500MHz | -37.1  | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | Range1:0.009~0.15MHz  | -65.34 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | Range2:0.15~30MHz     | -50.79 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | Range3:30~1000MHz     | -41.38 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | Range4:1000~10000MHz  | -44.96 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | Range5:10000~20000MHz | -49.21 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | Range6:20000~26500MHz | -37.17 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | Range1:0.009~0.15MHz  | -65.11 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | Range2:0.15~30MHz     | -51.56 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | Range3:30~1000MHz     | -41.57 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | Range4:1000~10000MHz  | -44.83 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | Range5:10000~20000MHz | -49.22 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | Range6:20000~26500MHz | -37.2  | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | Range1:0.009~0.15MHz  | -65.84 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | Range2:0.15~30MHz     | -50.83 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | Range3:30~1000MHz     | -42.07 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | Range4:1000~10000MHz  | -44.98 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | Range5:10000~20000MHz | -49.3  | PASS |





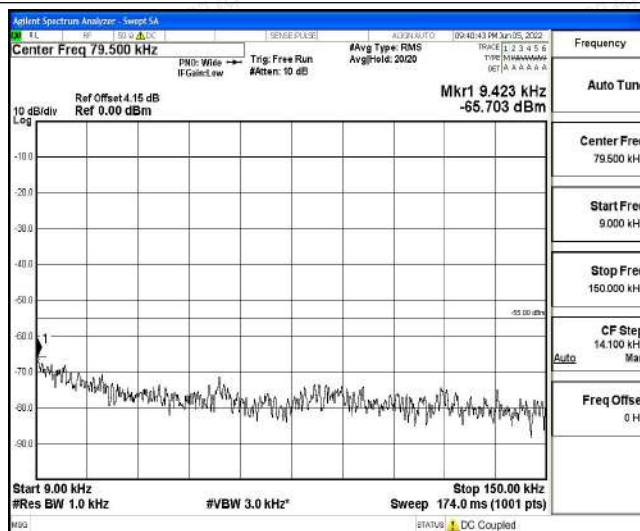
|        |       |       |       |       |                       |        |      |
|--------|-------|-------|-------|-------|-----------------------|--------|------|
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | Range6:20000~26500MHz | -37.17 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | Range1:0.009~0.15MHz  | -66.06 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | Range2:0.15~30MHz     | -51.66 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | Range3:30~1000MHz     | -41.17 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | Range4:1000~10000MHz  | -44.82 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | Range5:10000~20000MHz | -49.17 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | Range6:20000~26500MHz | -37.05 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | Range1:0.009~0.15MHz  | -65.05 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | Range2:0.15~30MHz     | -52.05 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | Range3:30~1000MHz     | -41.09 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | Range4:1000~10000MHz  | -45.02 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | Range5:10000~20000MHz | -49.27 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | Range6:20000~26500MHz | -37.07 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | Range1:0.009~0.15MHz  | -66.42 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | Range2:0.15~30MHz     | -51.35 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | Range3:30~1000MHz     | -42.82 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | Range4:1000~10000MHz  | -44.91 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | Range5:10000~20000MHz | -49.32 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | Range6:20000~26500MHz | -37.03 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | Range1:0.009~0.15MHz  | -65.92 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | Range2:0.15~30MHz     | -52.52 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | Range3:30~1000MHz     | -41.77 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | Range4:1000~10000MHz  | -44.91 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | Range5:10000~20000MHz | -49.25 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | Range6:20000~26500MHz | -37.18 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | Range1:0.009~0.15MHz  | -66.4  | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | Range2:0.15~30MHz     | -51.3  | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | Range3:30~1000MHz     | -41.49 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | Range4:1000~10000MHz  | -44.99 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | Range5:10000~20000MHz | -49.09 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | Range6:20000~26500MHz | -37.15 | PASS |

## Test Graphs

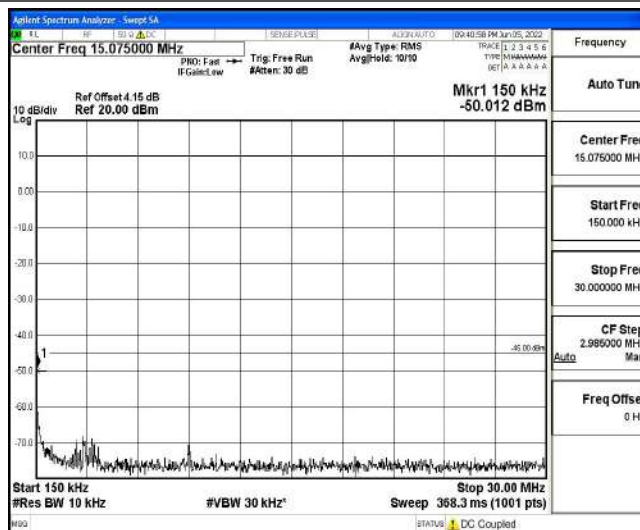
Band38-5MHz-QPSK-37775-1RB#0-Range1:0.009~0.15MHz



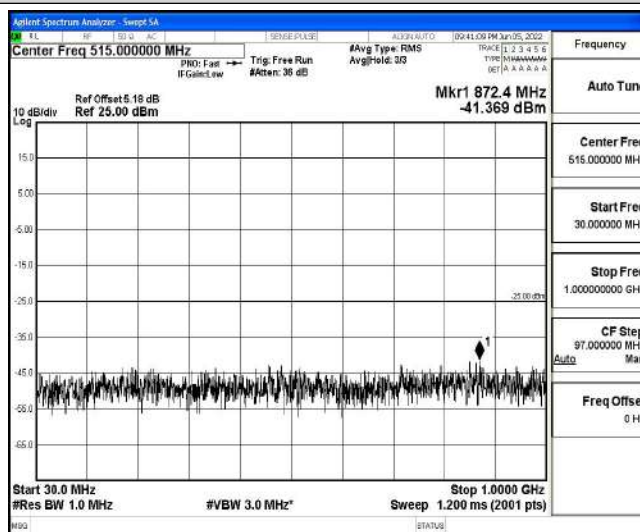
Shenzhen LCS Compliance Testing Laboratory Ltd.  
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
Tel: +(86) 0755-82591330 | E-mail: [webmaster@lcs-cert.com](mailto:webmaster@lcs-cert.com) | Web: [www.lcs-cert.com](http://www.lcs-cert.com)  
Scan code to check authenticity



Band38-5MHz-QPSK-37775-1RB#0-Range2:0.15~30MHz

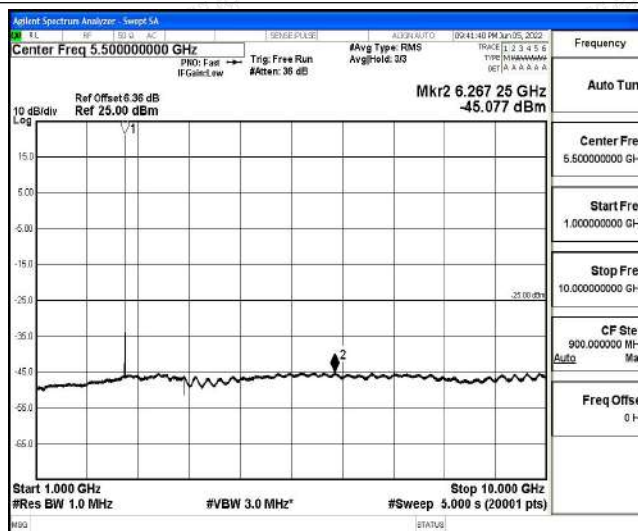


Band38-5MHz-QPSK-37775-1RB#0-Range3:30~1000MHz

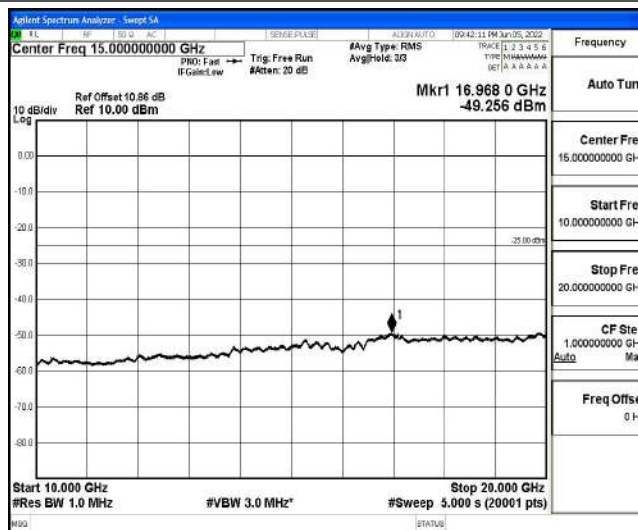


Band38-5MHz-QPSK-37775-1RB#0-Range4:1000~10000MHz

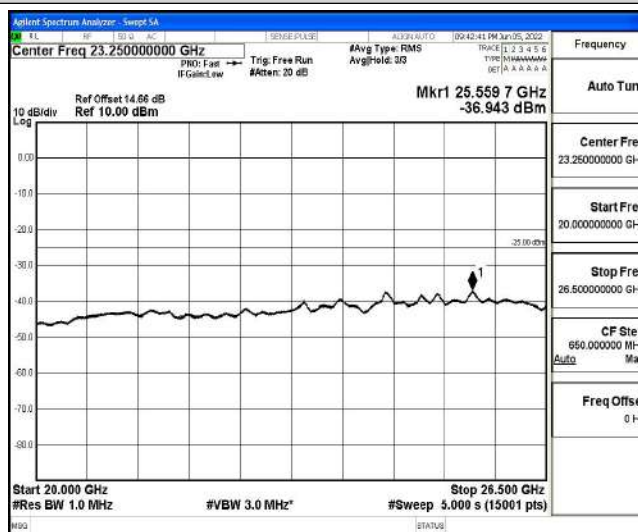




Band38-5MHz-QPSK-37775-1RB#0-Range5:10000~20000MHz

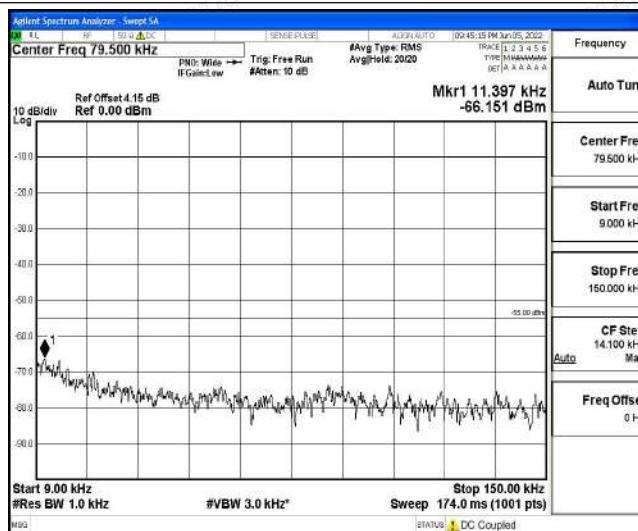


Band38-5MHz-QPSK-37775-1RB#0-Range6:20000~26500MHz

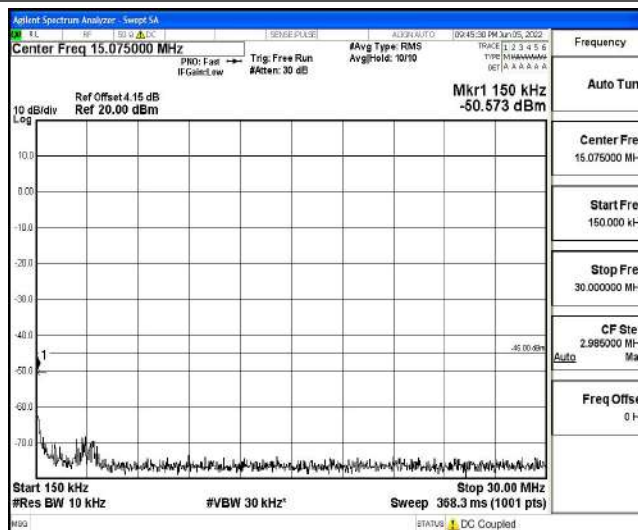


Band38-5MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz

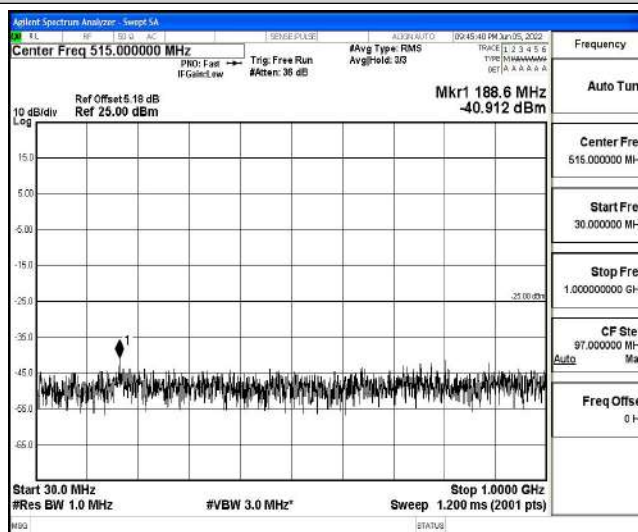




Band38-5MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz

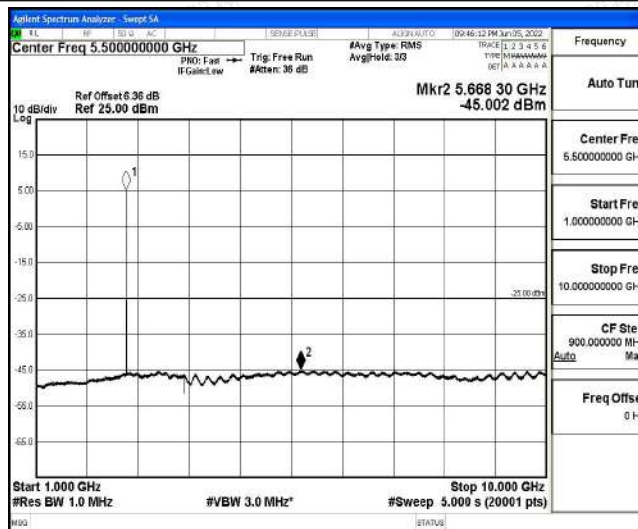


Band38-5MHz-QPSK-38000-1RB#0-Range3:30~1000MHz

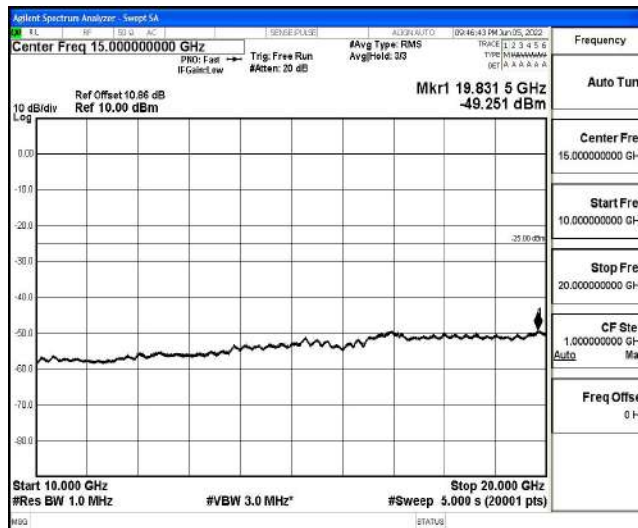


Band38-5MHz-QPSK-38000-1RB#0-Range4:1000~10000MHz

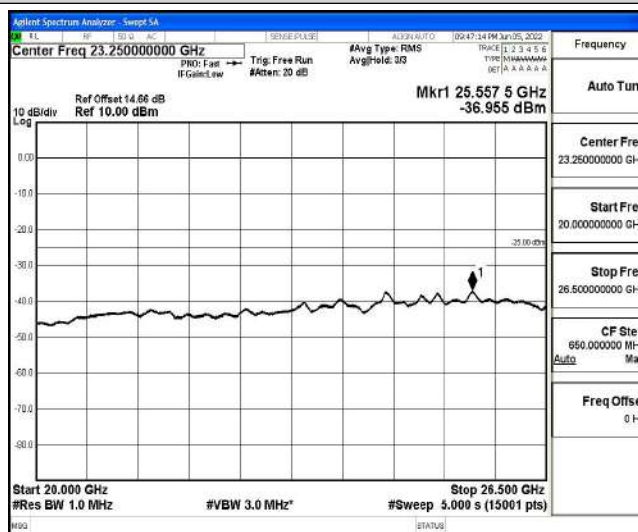




Band38-5MHz-QPSK-38000-1RB#0-Range5:10000~20000MHz

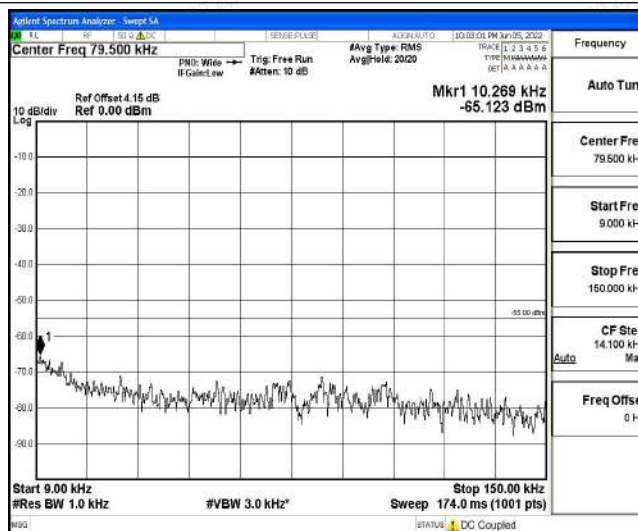


Band38-5MHz-QPSK-38000-1RB#0-Range6:20000~26500MHz

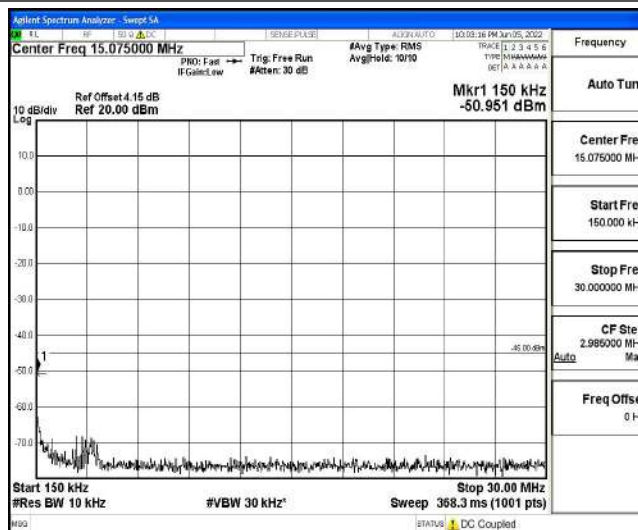


Band38-5MHz-QPSK-38225-1RB#0-Range1:0.009~0.15MHz

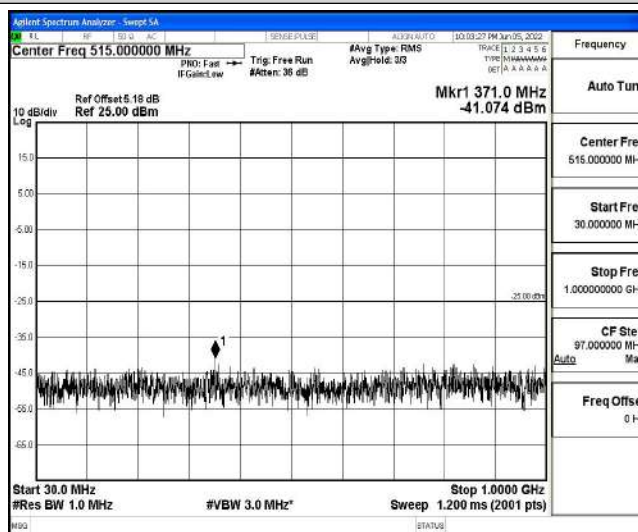




Band38-5MHz-QPSK-38225-1RB#0-Range2:0.15~30MHz

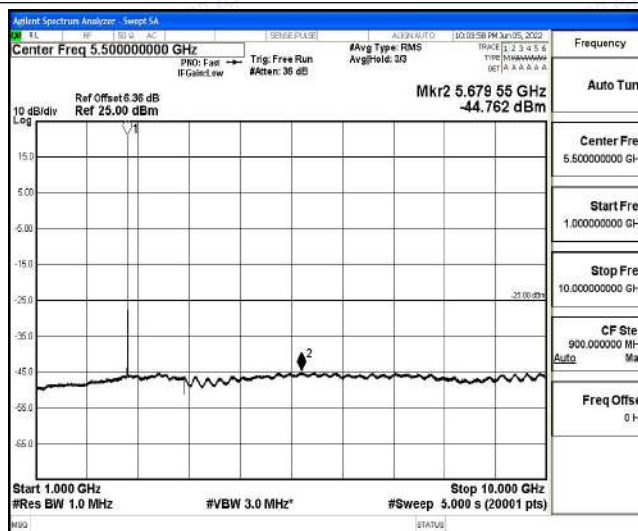


Band38-5MHz-QPSK-38225-1RB#0-Range3:30~1000MHz

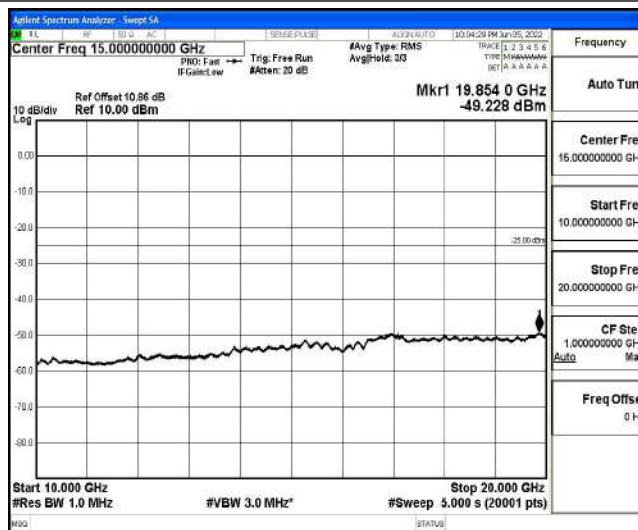


Band38-5MHz-QPSK-38225-1RB#0-Range4:1000~10000MHz

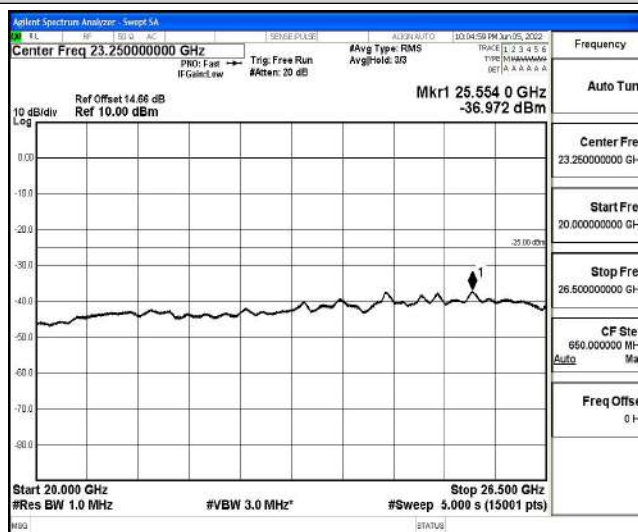




Band38-5MHz-QPSK-38225-1RB#0-Range5:10000~20000MHz

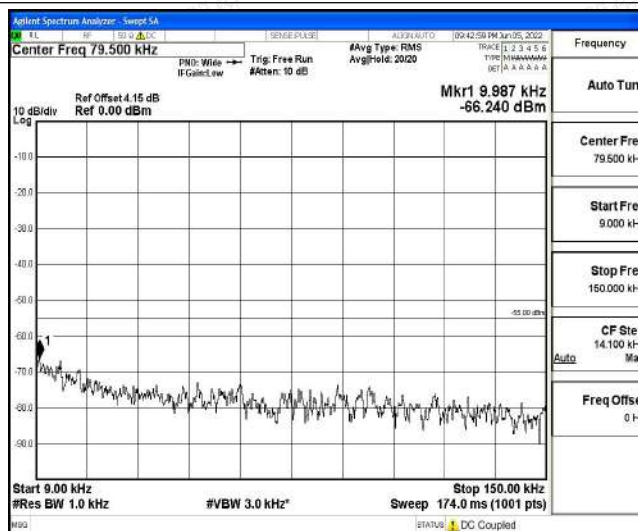


Band38-5MHz-QPSK-38225-1RB#0-Range6:20000~26500MHz

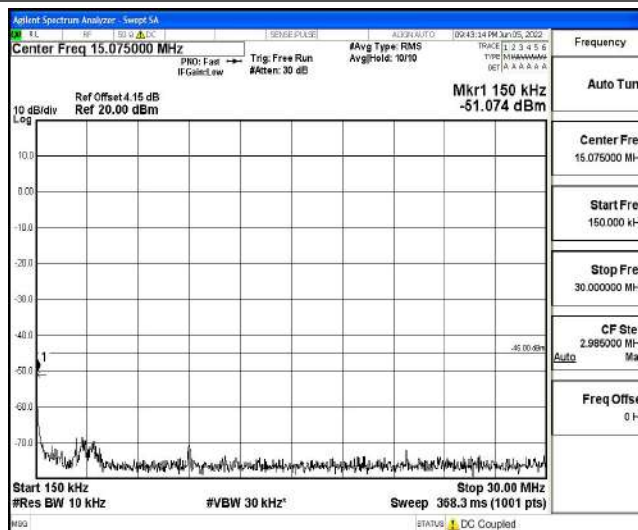


Band38-5MHz-16QAM-37775-1RB#0-Range1:0.009~0.15MHz

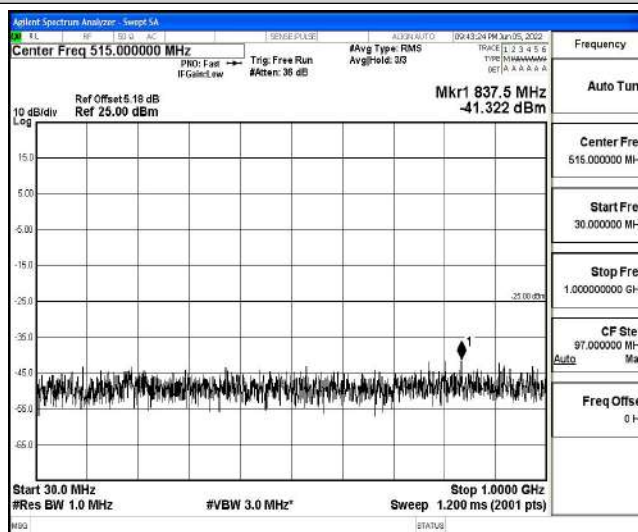




Band38-5MHz-16QAM-37775-1RB#0-Range2:0.15~30MHz

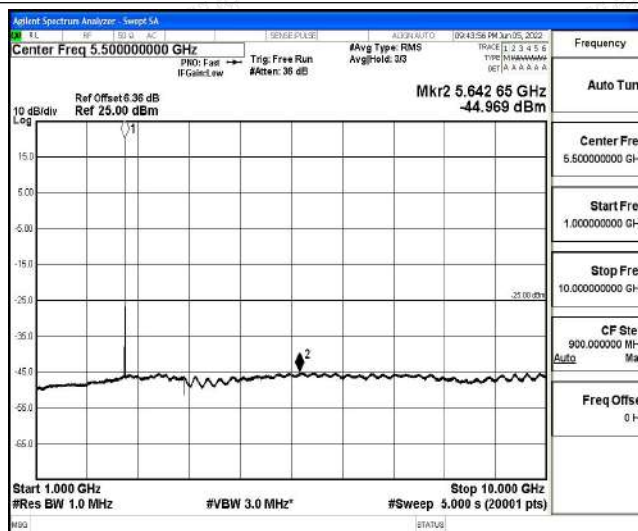


Band38-5MHz-16QAM-37775-1RB#0-Range3:30~1000MHz

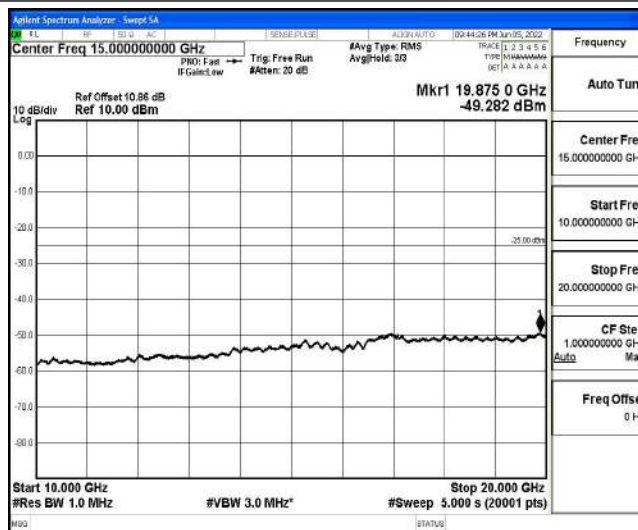


Band38-5MHz-16QAM-37775-1RB#0-Range4:1000~10000MHz

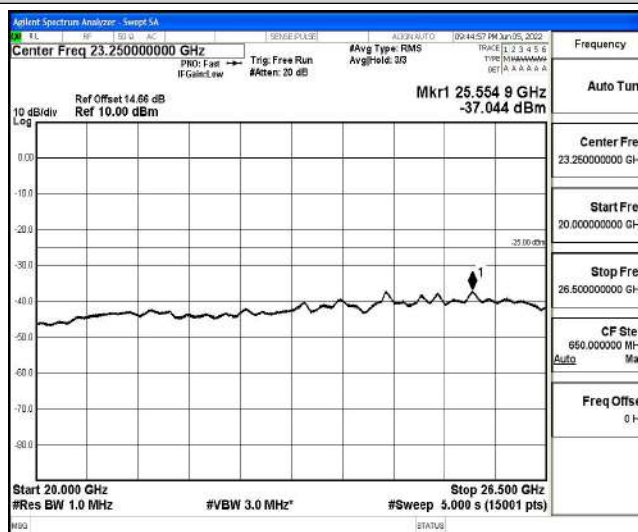




Band38-5MHz-16QAM-37775-1RB#0-Range5:10000~20000MHz

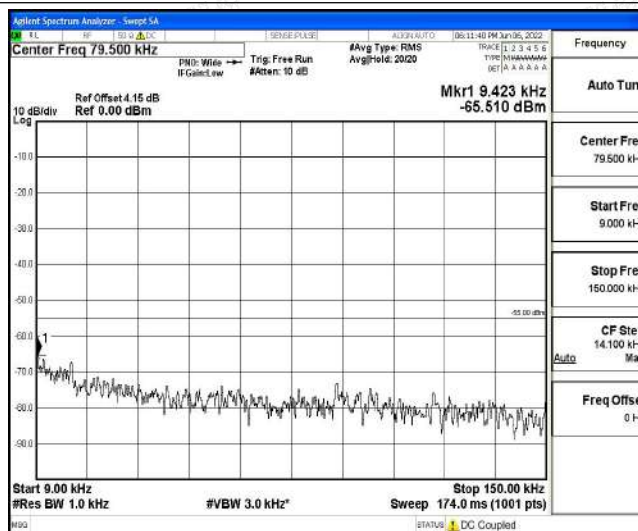


Band38-5MHz-16QAM-37775-1RB#0-Range6:20000~26500MHz

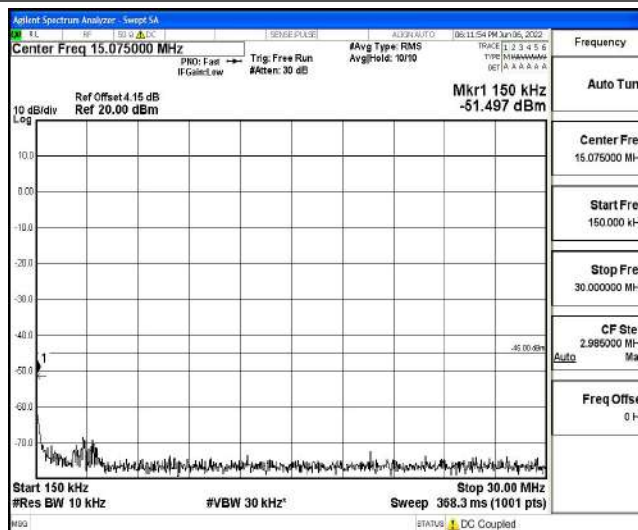


Band38-5MHz-16QAM-38000-1RB#0-Range1:0.009~0.15MHz

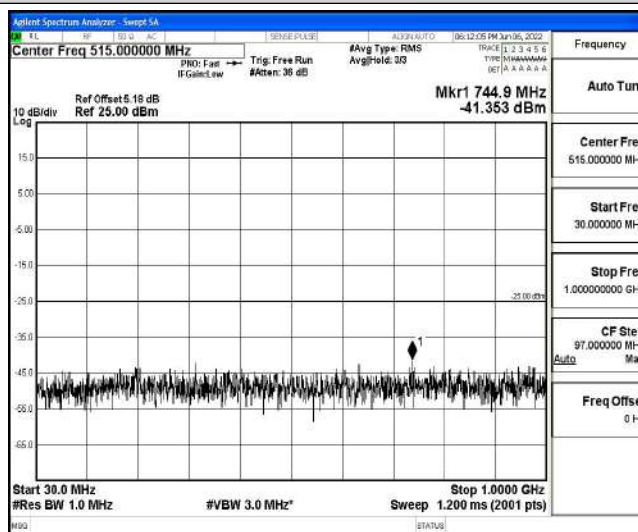




Band38-5MHz-16QAM-38000-1RB#0-Range2:0.15~30MHz

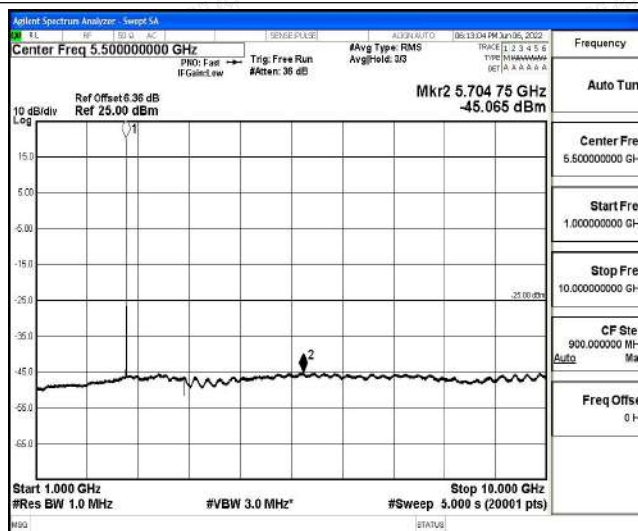


Band38-5MHz-16QAM-38000-1RB#0-Range3:30~1000MHz

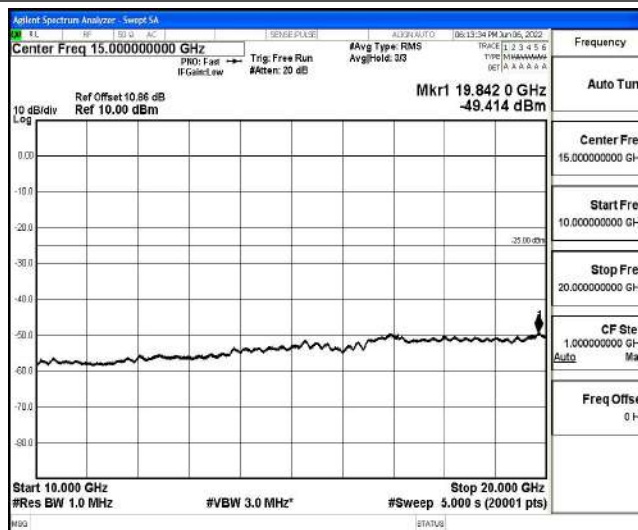


Band38-5MHz-16QAM-38000-1RB#0-Range4:1000~10000MHz

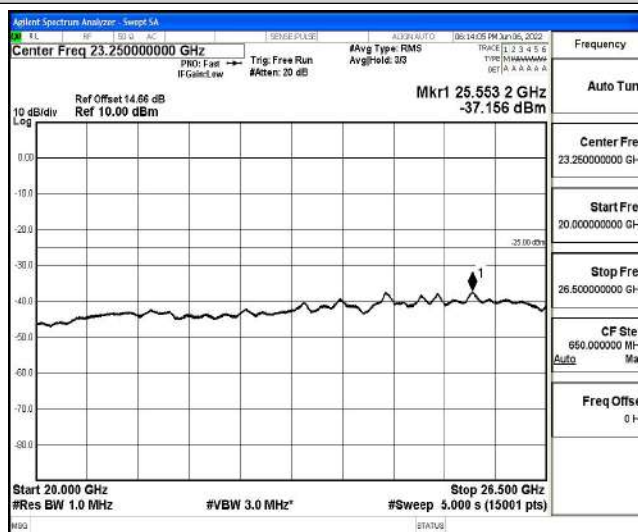




Band38-5MHz-16QAM-38000-1RB#0-Range5:10000~20000MHz

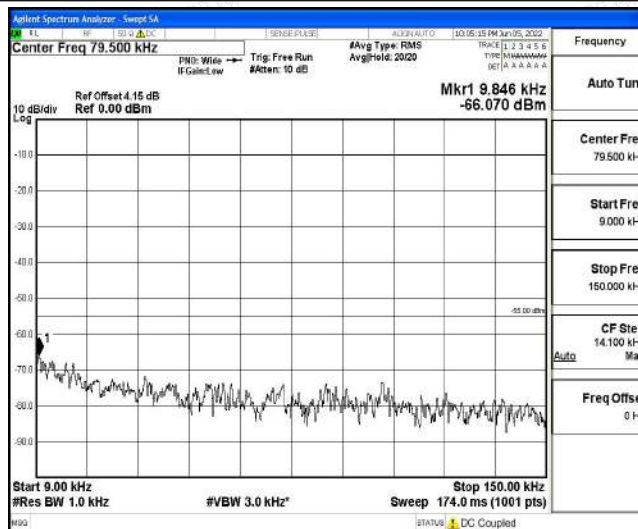


Band38-5MHz-16QAM-38000-1RB#0-Range6:20000~26500MHz

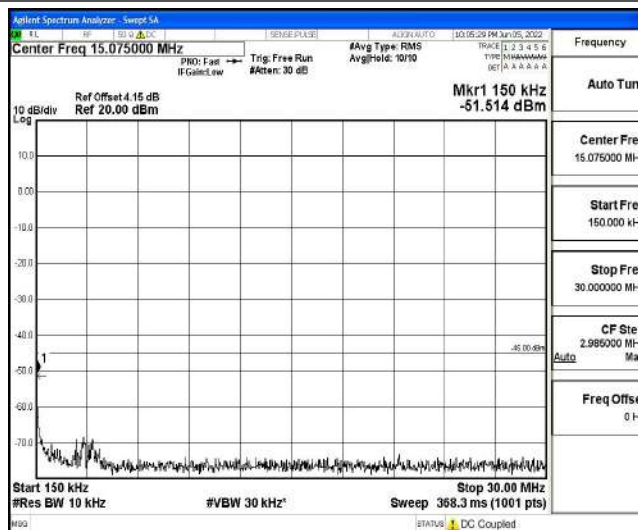


Band38-5MHz-16QAM-38225-1RB#0-Range1:0.009~0.15MHz

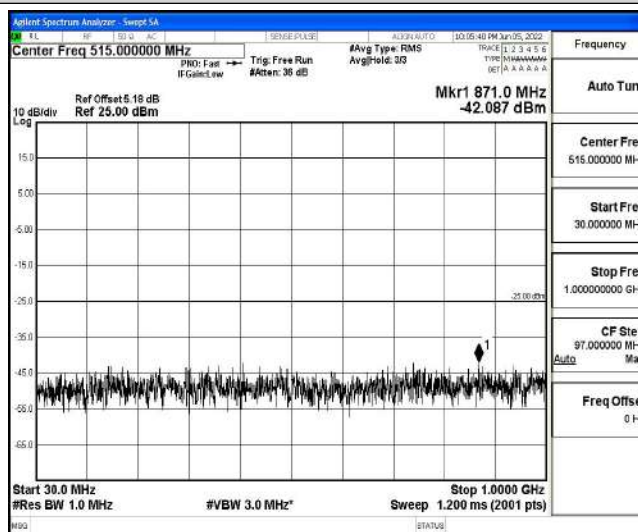




Band38-5MHz-16QAM-38225-1RB#0-Range2:0.15~30MHz

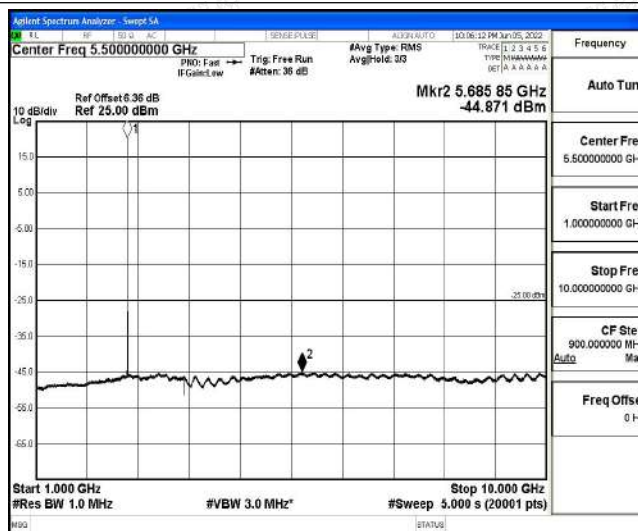


Band38-5MHz-16QAM-38225-1RB#0-Range3:30~1000MHz

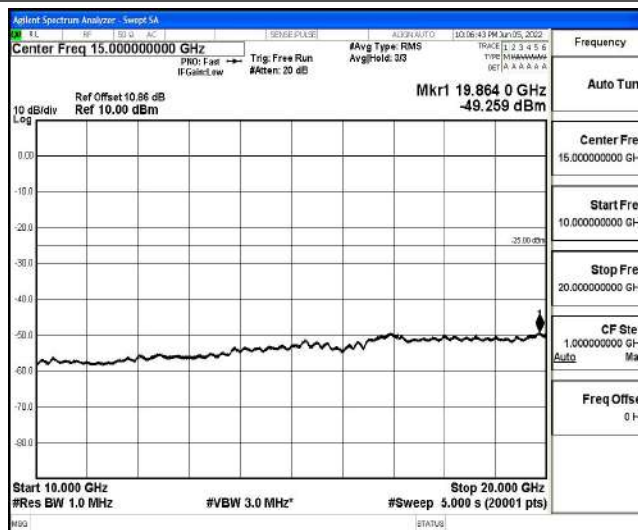


Band38-5MHz-16QAM-38225-1RB#0-Range4:1000~10000MHz

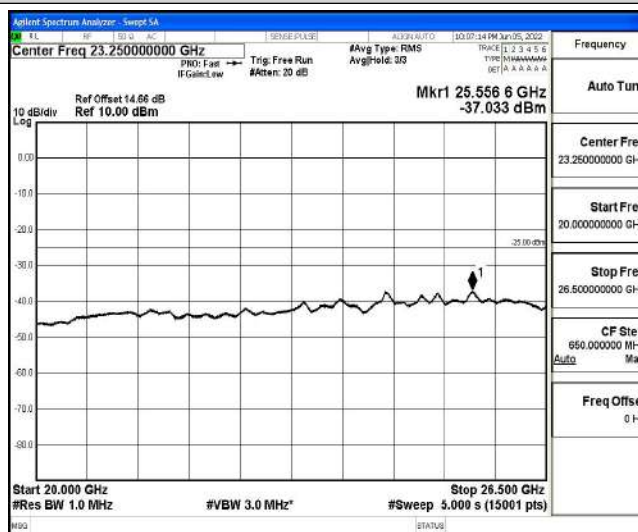




Band38-5MHz-16QAM-38225-1RB#0-Range5:10000~20000MHz

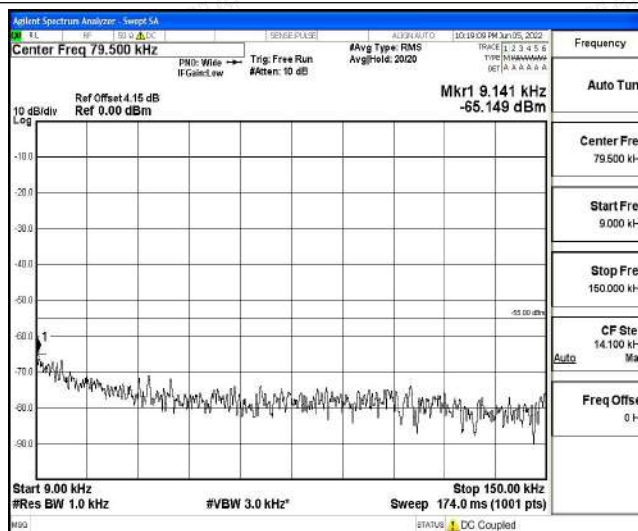


Band38-5MHz-16QAM-38225-1RB#0-Range6:20000~26500MHz

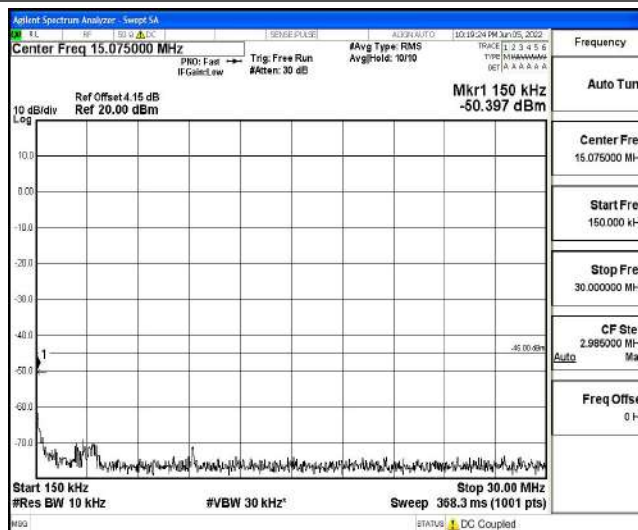


Band38-10MHz-QPSK-37800-1RB#0-Range1:0.009~0.15MHz

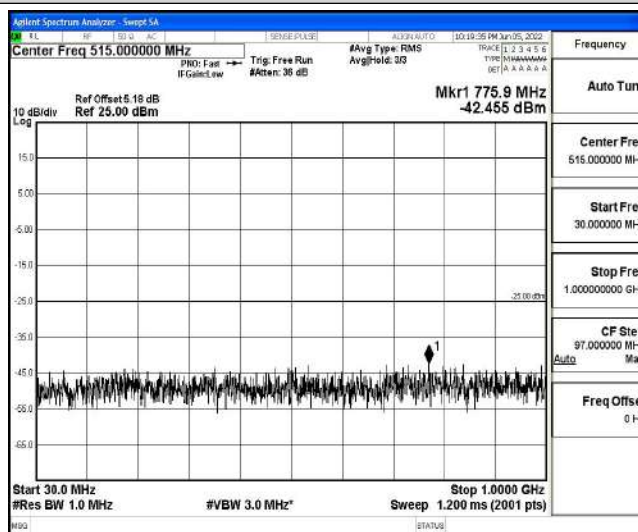




Band38-10MHz-QPSK-37800-1RB#0-Range2:0.15~30MHz

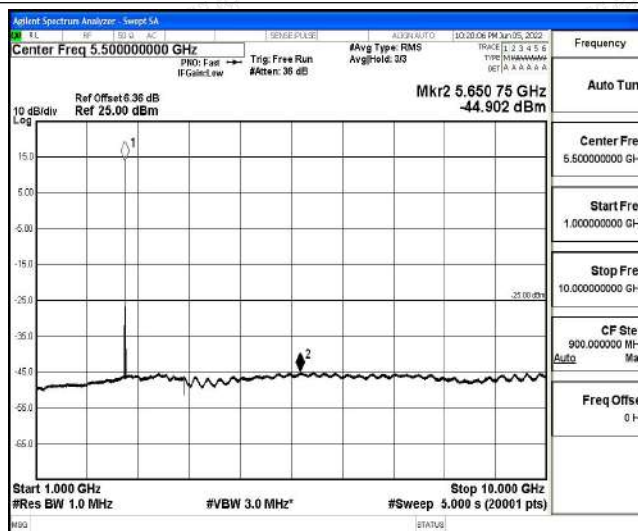


Band38-10MHz-QPSK-37800-1RB#0-Range3:30~1000MHz

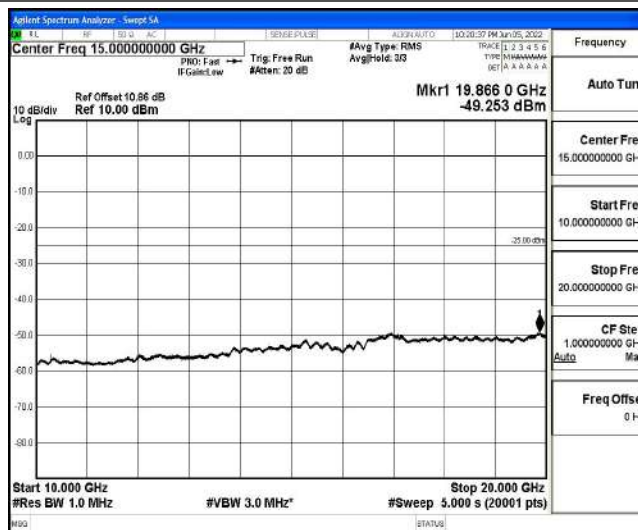


Band38-10MHz-QPSK-37800-1RB#0-Range4:1000~10000MHz

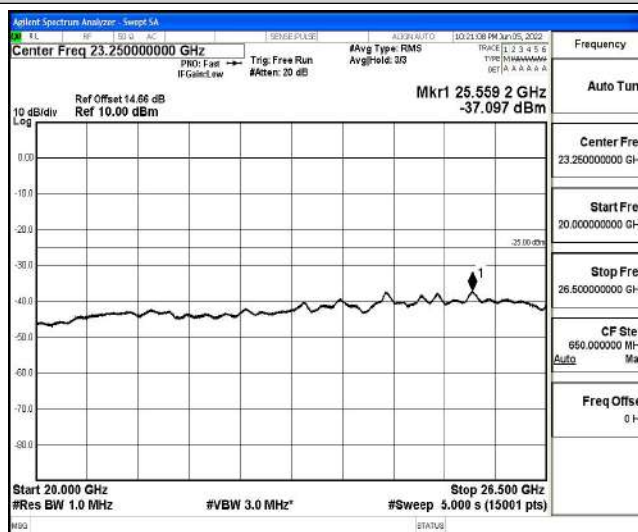




Band38-10MHz-QPSK-37800-1RB#0-Range5:10000~20000MHz

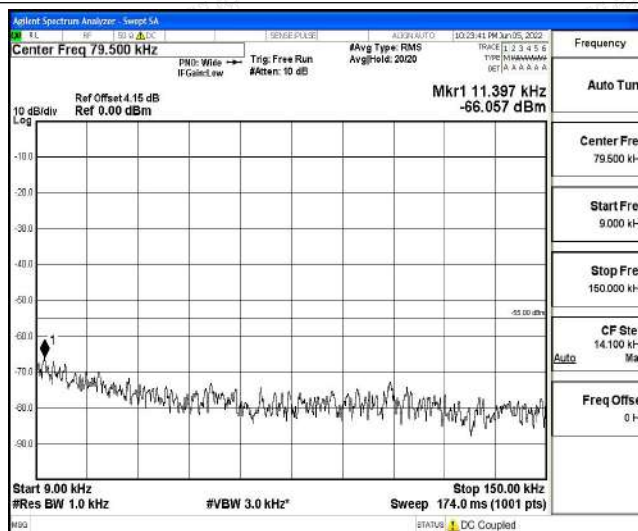


Band38-10MHz-QPSK-37800-1RB#0-Range6:20000~26500MHz

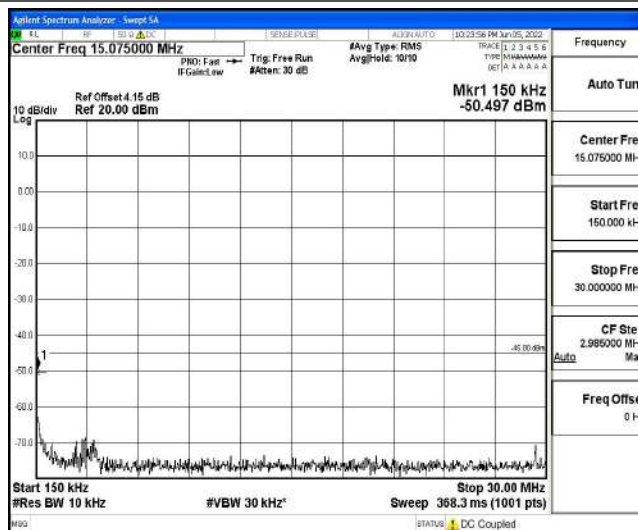


Band38-10MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz

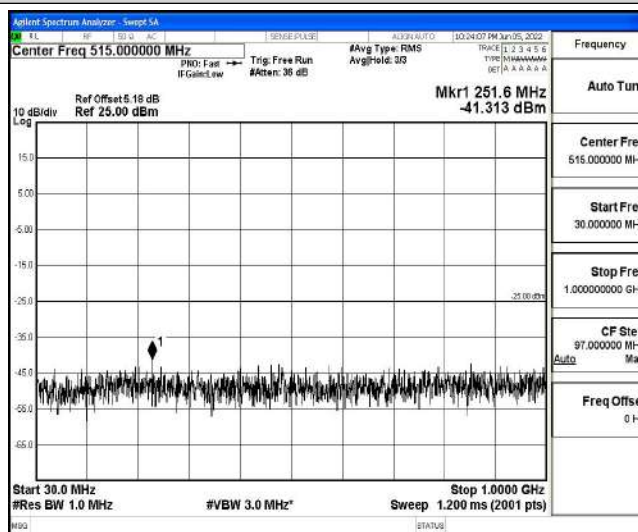




Band38-10MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz

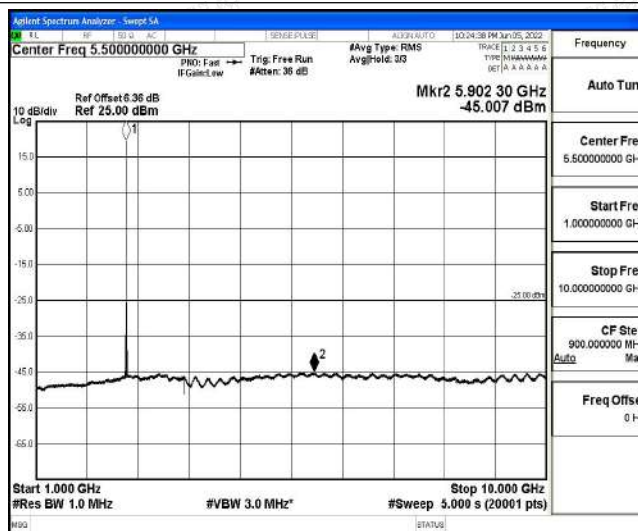


Band38-10MHz-QPSK-38000-1RB#0-Range3:30~1000MHz

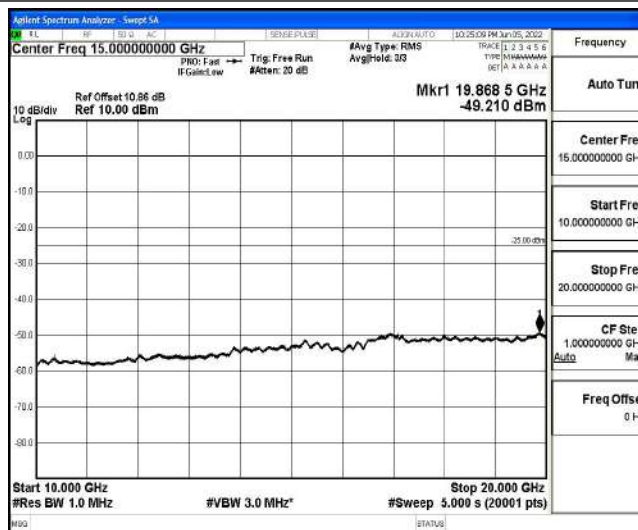


Band38-10MHz-QPSK-38000-1RB#0-Range4:1000~10000MHz

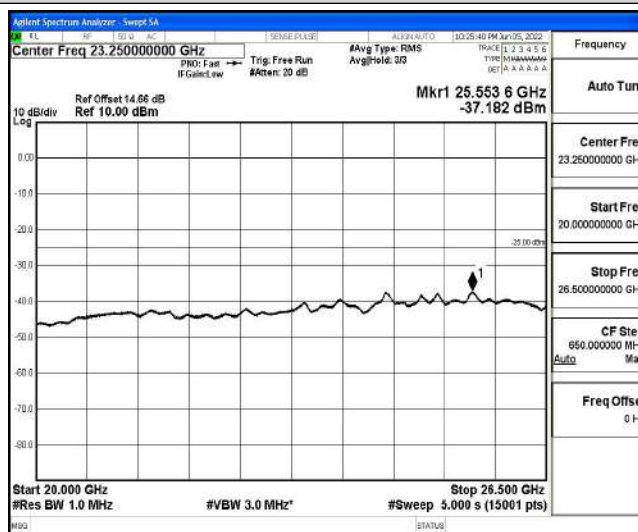




Band38-10MHz-QPSK-38000-1RB#0-Range5:10000~20000MHz

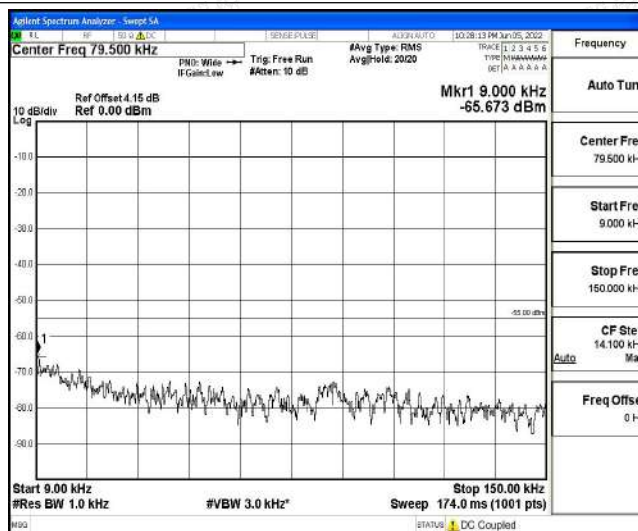


Band38-10MHz-QPSK-38000-1RB#0-Range6:20000~26500MHz

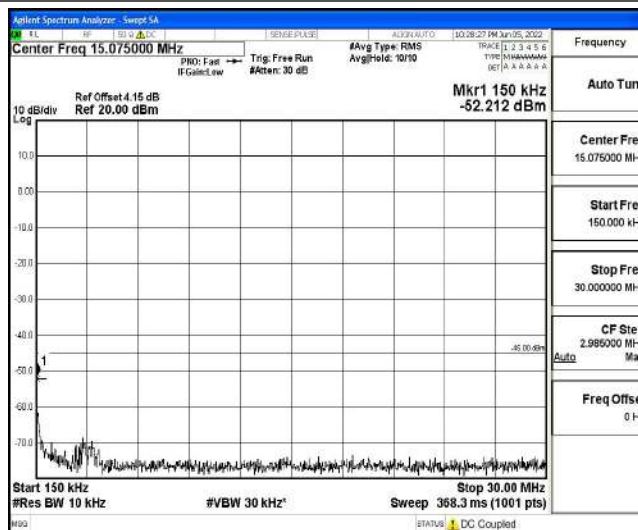


Band38-10MHz-QPSK-38200-1RB#0-Range1:0.009~0.15MHz

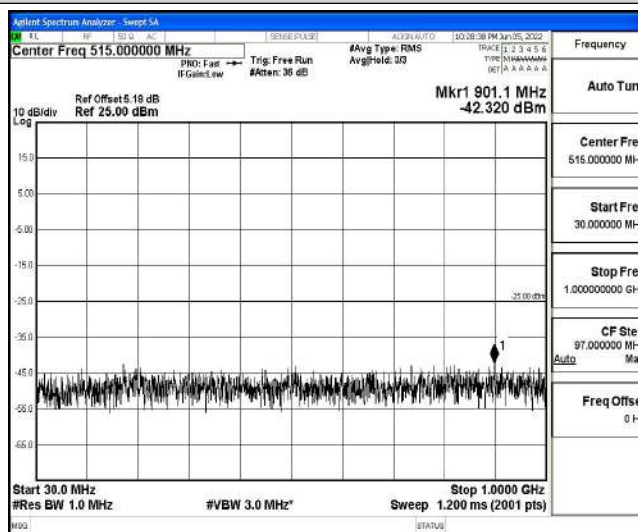




Band38-10MHz-QPSK-38200-1RB#0-Range2:0.15~30MHz

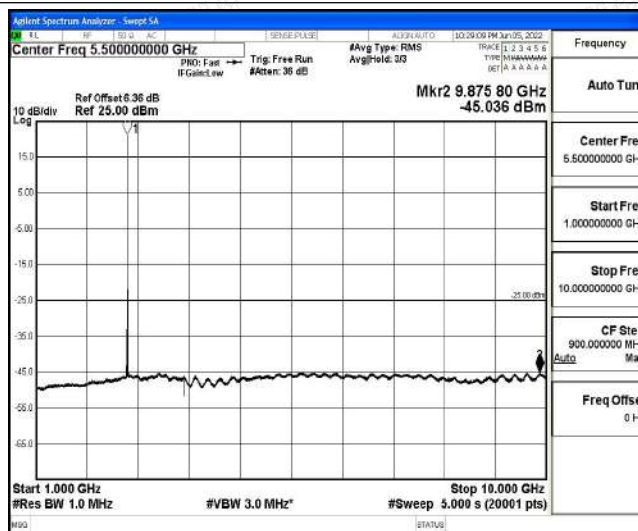


Band38-10MHz-QPSK-38200-1RB#0-Range3:30~1000MHz

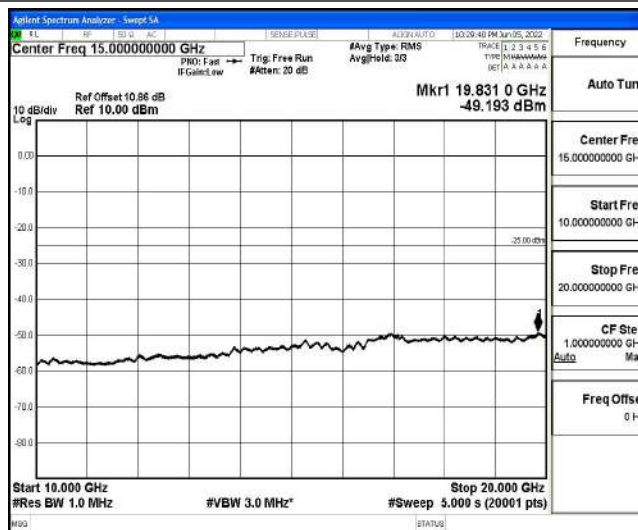


Band38-10MHz-QPSK-38200-1RB#0-Range4:1000~10000MHz

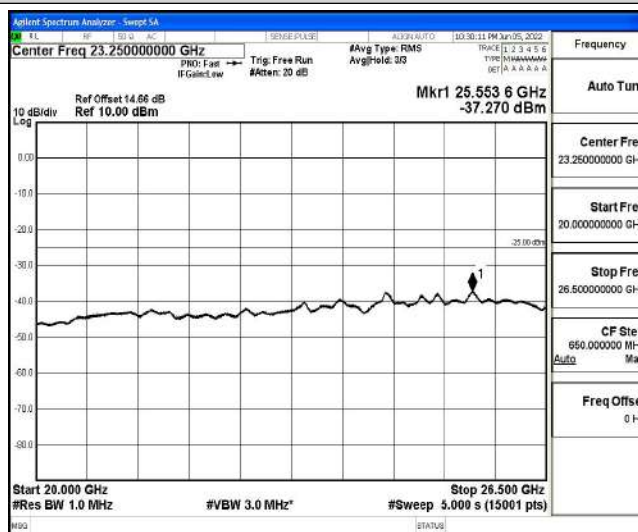




Band38-10MHz-QPSK-38200-1RB#0-Range5:10000~20000MHz

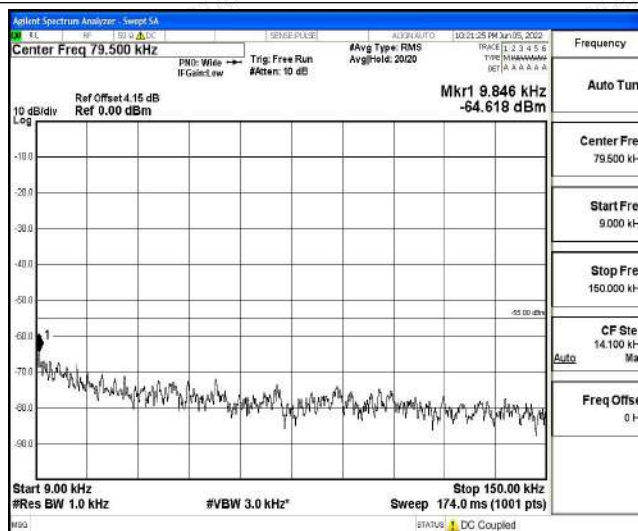


Band38-10MHz-QPSK-38200-1RB#0-Range6:20000~26500MHz

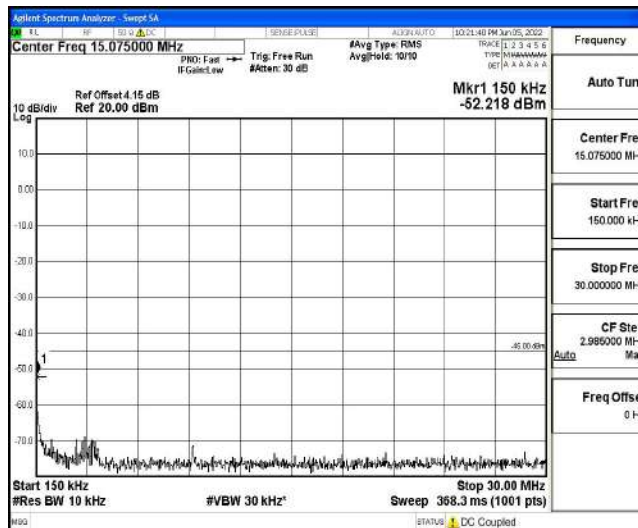


Band38-10MHz-16QAM-37800-1RB#0-Range1:0.009~0.15MHz

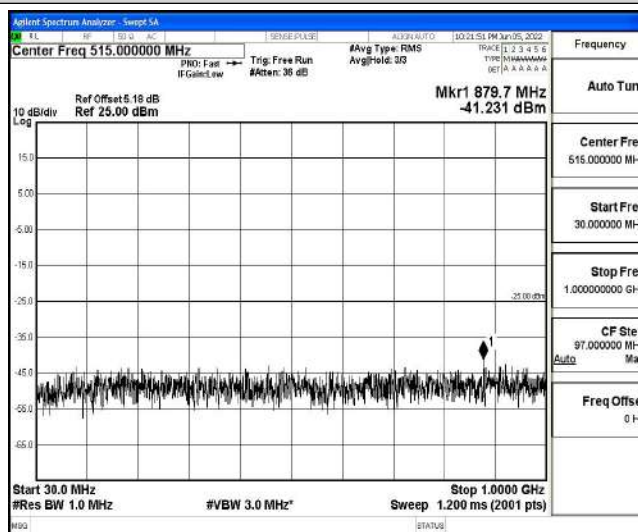




Band38-10MHz-16QAM-37800-1RB#0-Range2:0.15~30MHz

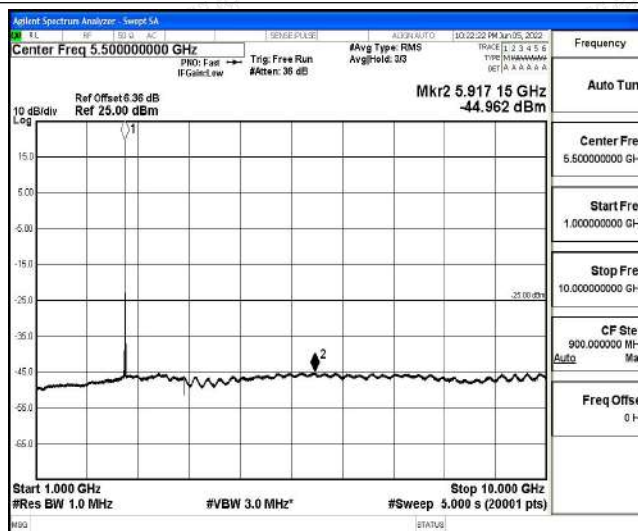


Band38-10MHz-16QAM-37800-1RB#0-Range3:30~1000MHz

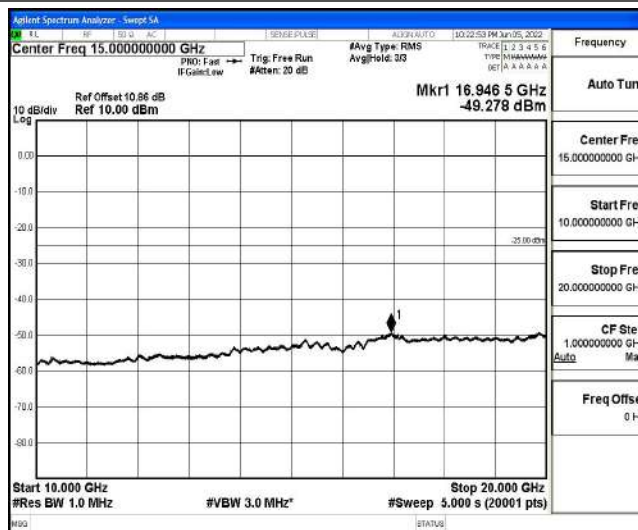


Band38-10MHz-16QAM-37800-1RB#0-Range4:1000~10000MHz

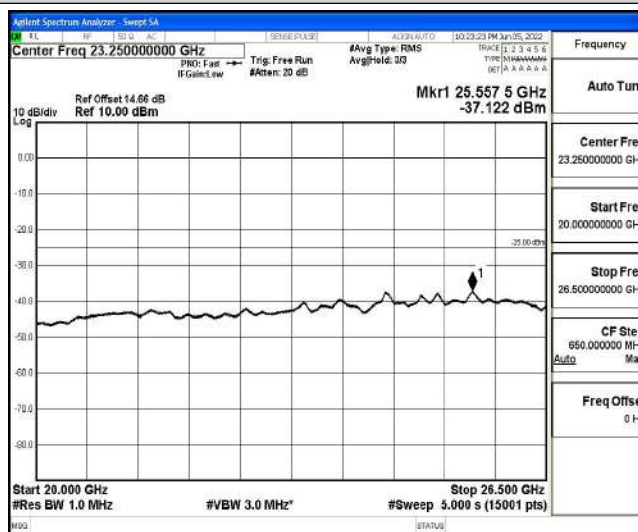




Band38-10MHz-16QAM-37800-1RB#0-Range5:10000~20000MHz

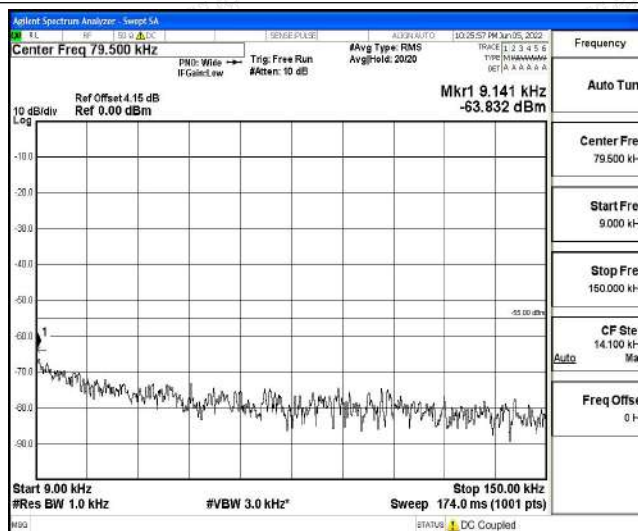


Band38-10MHz-16QAM-37800-1RB#0-Range6:20000~26500MHz

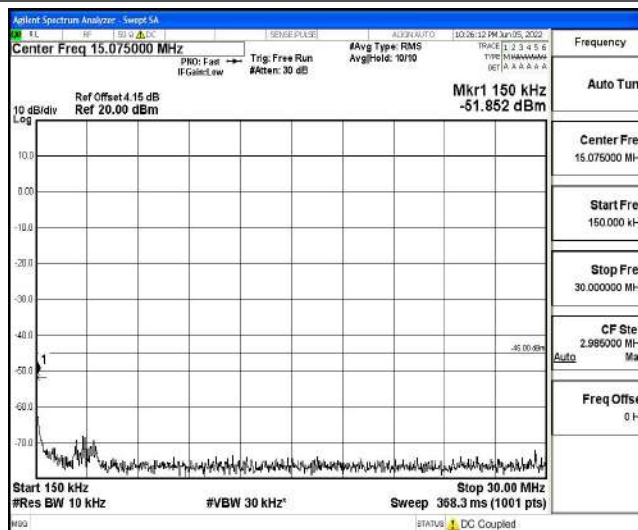


Band38-10MHz-16QAM-38000-1RB#0-Range1:0.009~0.15MHz

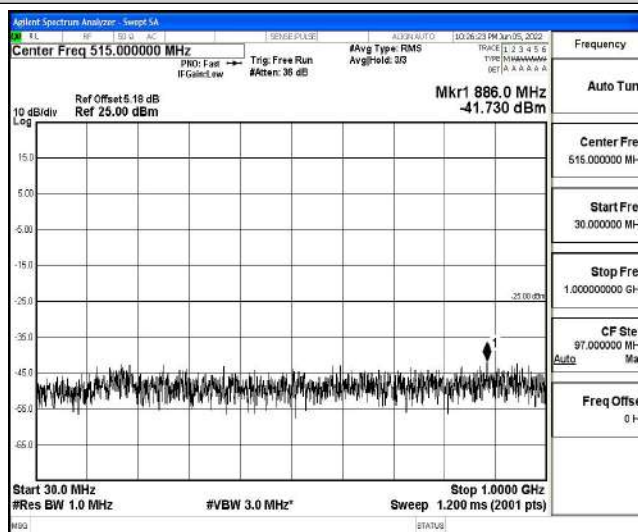




Band38-10MHz-16QAM-38000-1RB#0-Range2:0.15~30MHz

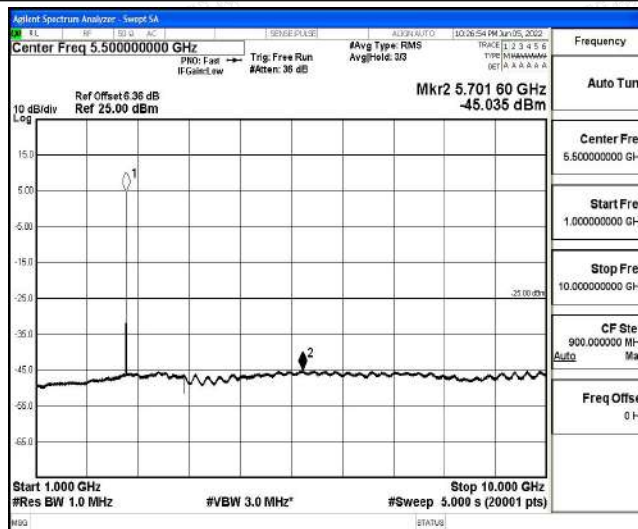


Band38-10MHz-16QAM-38000-1RB#0-Range3:30~1000MHz

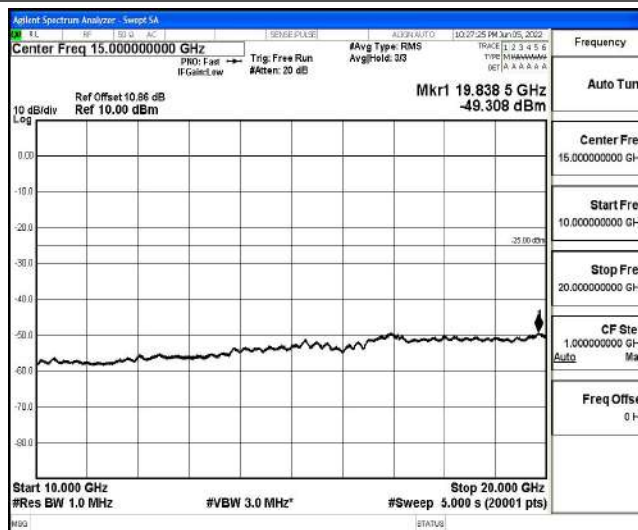


Band38-10MHz-16QAM-38000-1RB#0-Range4:1000~10000MHz

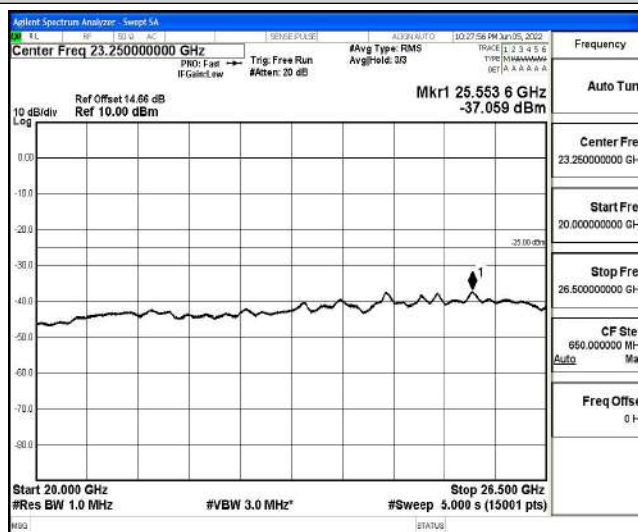




Band38-10MHz-16QAM-38000-1RB#0-Range5:10000~20000MHz

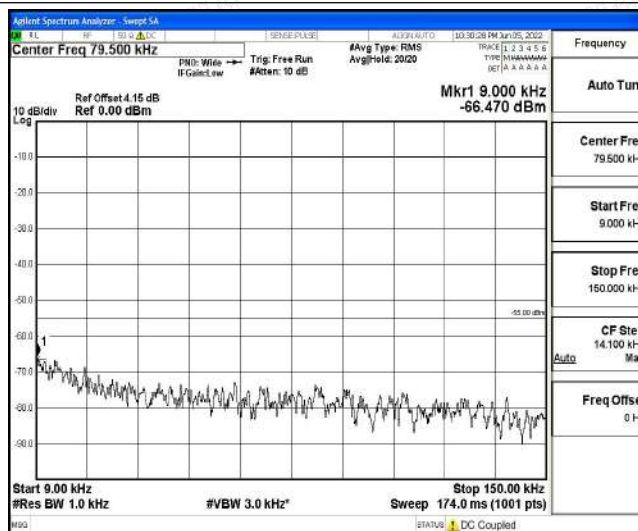


Band38-10MHz-16QAM-38000-1RB#0-Range6:20000~26500MHz

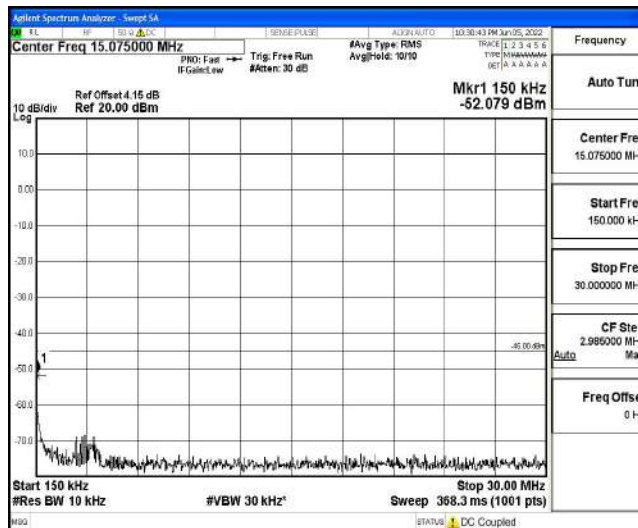


Band38-10MHz-16QAM-38200-1RB#0-Range1:0.009~0.15MHz

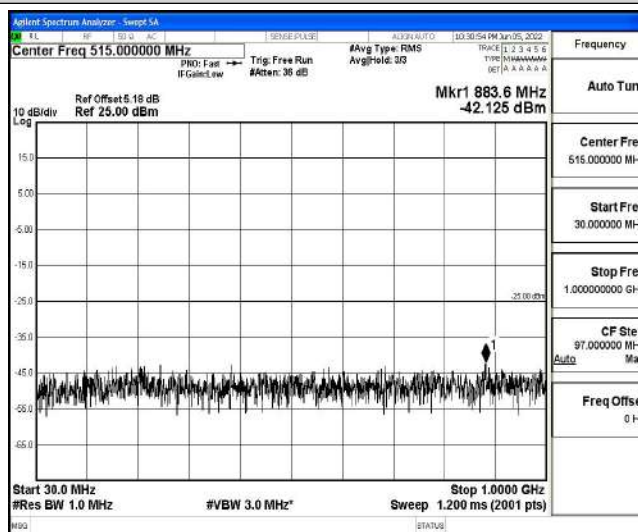




Band38-10MHz-16QAM-38200-1RB#0-Range2:0.15~30MHz

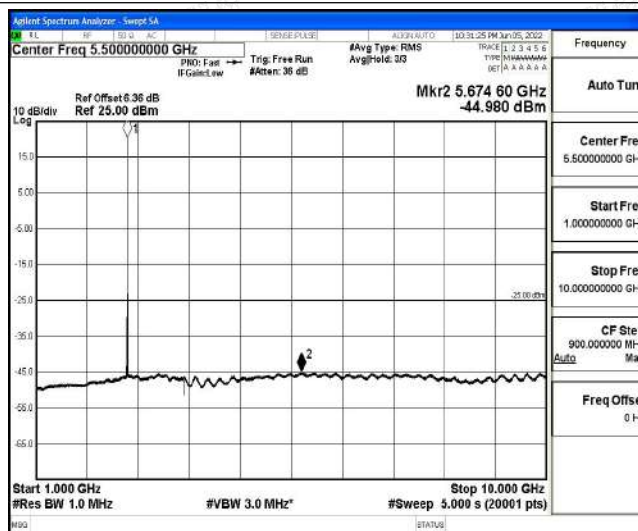


Band38-10MHz-16QAM-38200-1RB#0-Range3:30~1000MHz

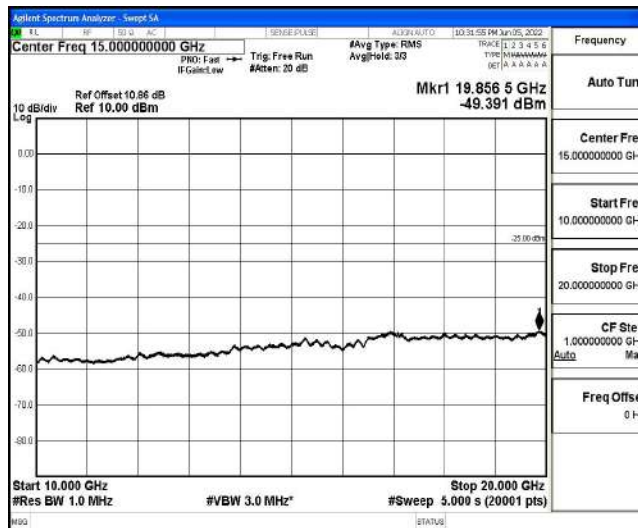


Band38-10MHz-16QAM-38200-1RB#0-Range4:1000~10000MHz

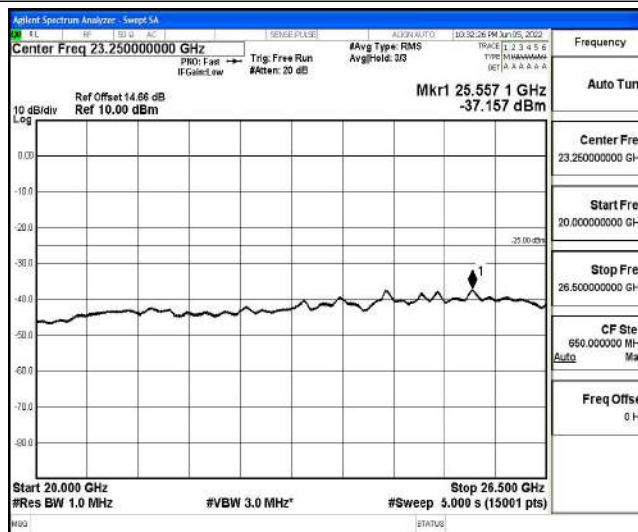




Band38-10MHz-16QAM-38200-1RB#0-Range5:10000~20000MHz

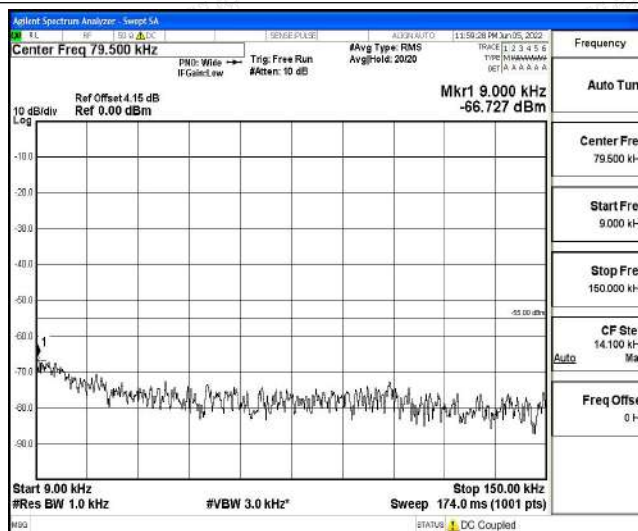


Band38-10MHz-16QAM-38200-1RB#0-Range6:20000~26500MHz

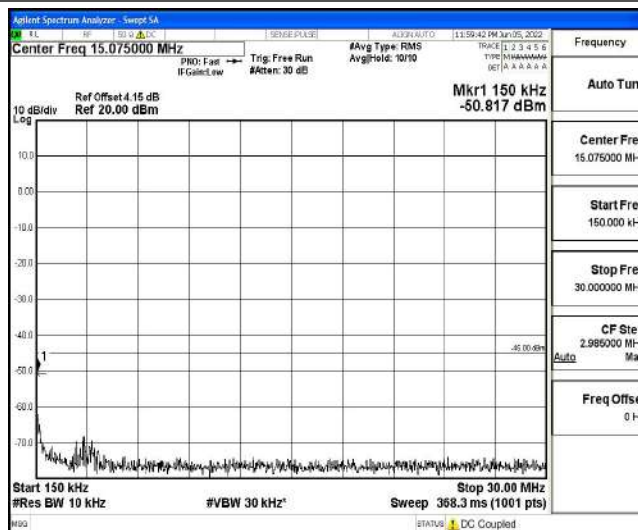


Band38-15MHz-QPSK-37825-1RB#0-Range1:0.009~0.15MHz

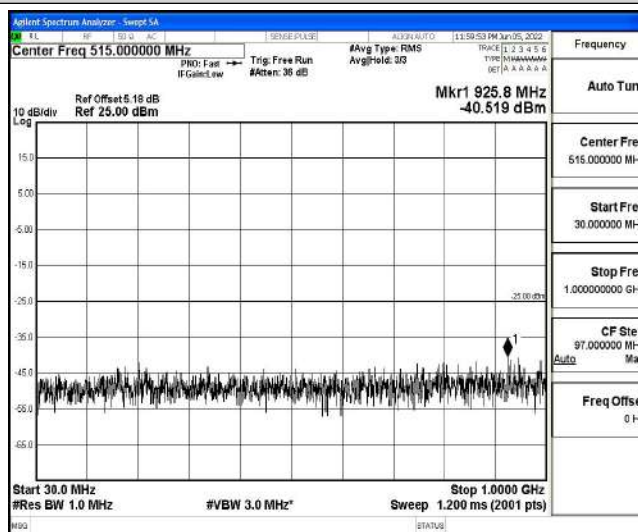




Band38-15MHz-QPSK-37825-1RB#0-Range2:0.15~30MHz

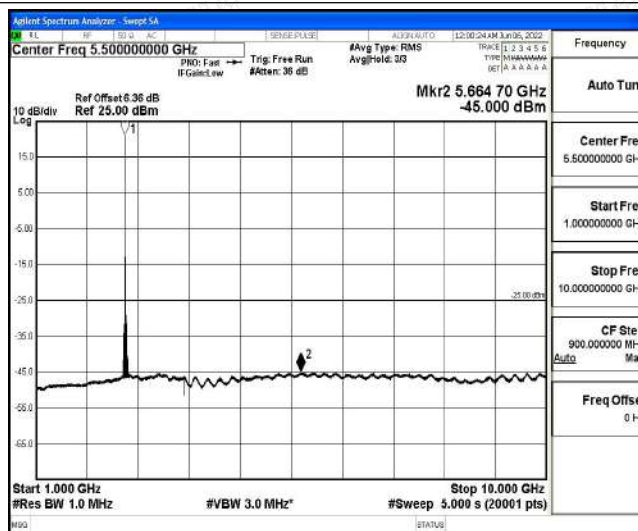


Band38-15MHz-QPSK-37825-1RB#0-Range3:30~1000MHz

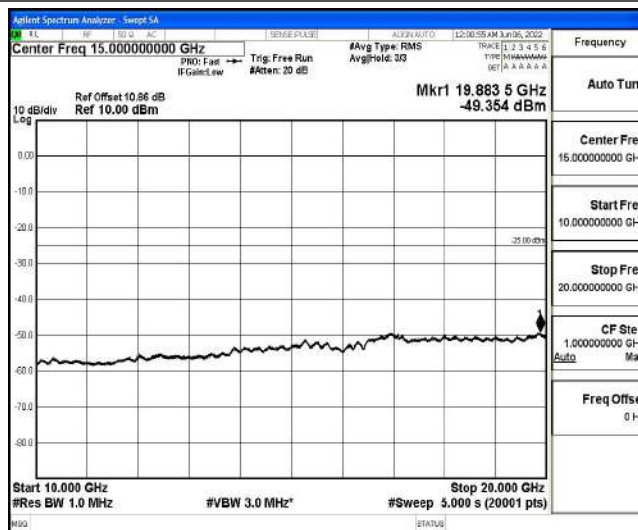


Band38-15MHz-QPSK-37825-1RB#0-Range4:1000~10000MHz

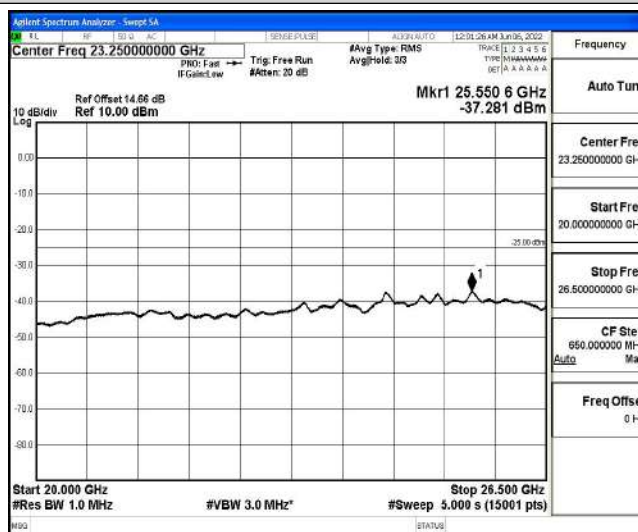




Band38-15MHz-QPSK-37825-1RB#0-Range5:10000~20000MHz

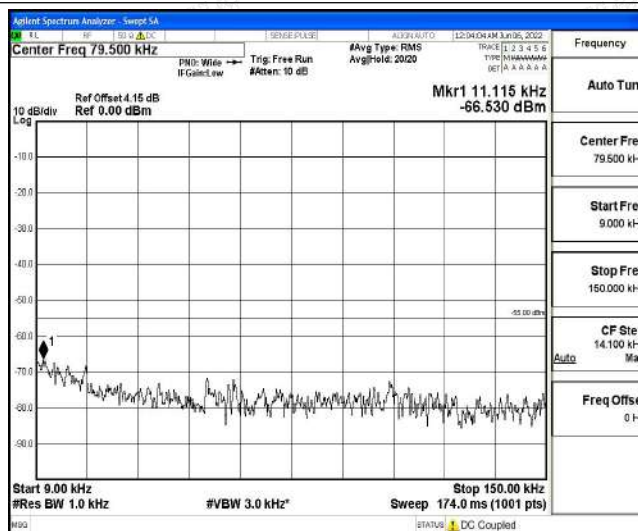


Band38-15MHz-QPSK-37825-1RB#0-Range6:20000~26500MHz

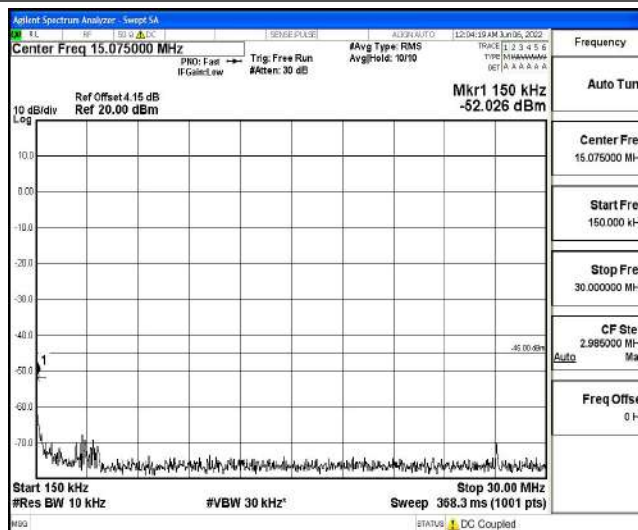


Band38-15MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz

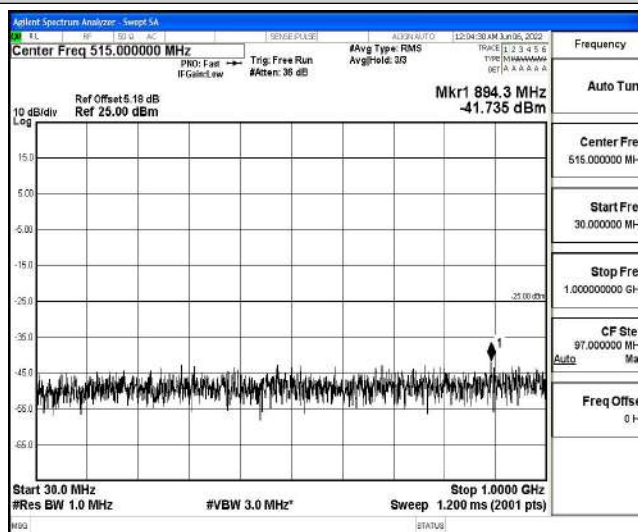




Band38-15MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz

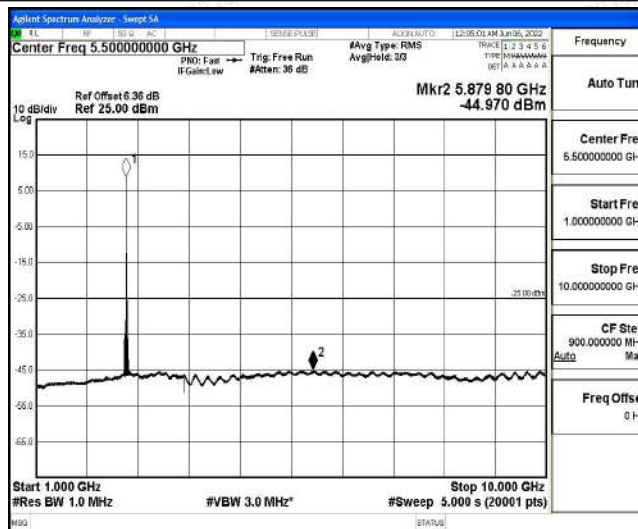


Band38-15MHz-QPSK-38000-1RB#0-Range3:30~1000MHz

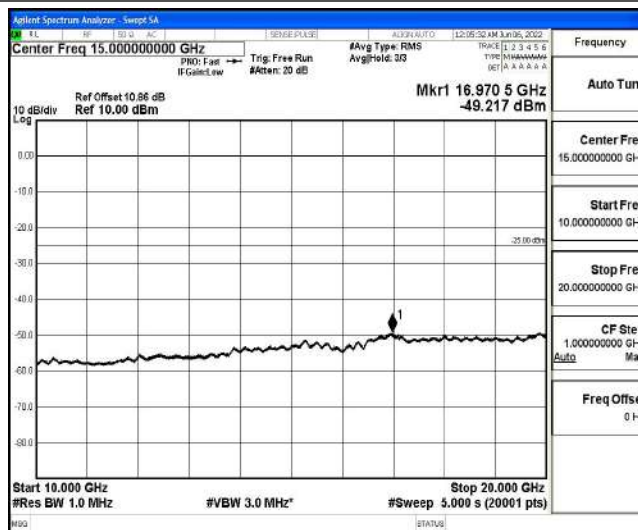


Band38-15MHz-QPSK-38000-1RB#0-Range4:1000~10000MHz

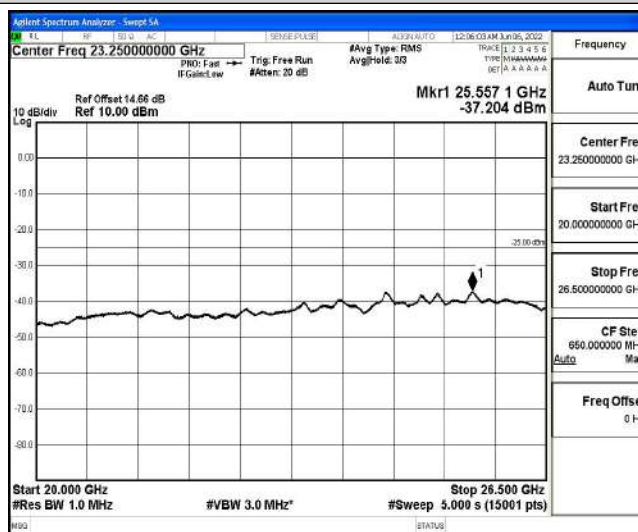




Band38-15MHz-QPSK-38000-1RB#0-Range5:10000~20000MHz

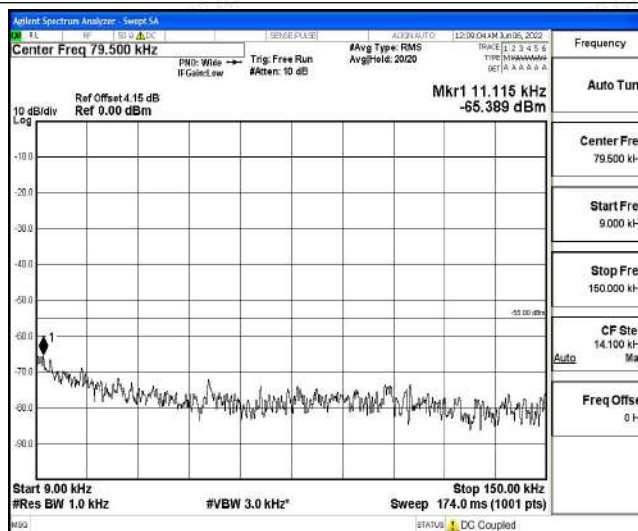


Band38-15MHz-QPSK-38000-1RB#0-Range6:20000~26500MHz

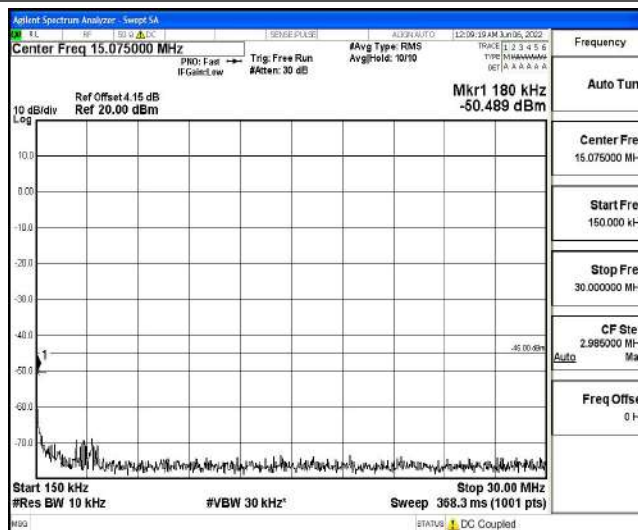


Band38-15MHz-QPSK-38175-1RB#0-Range1:0.009~0.15MHz

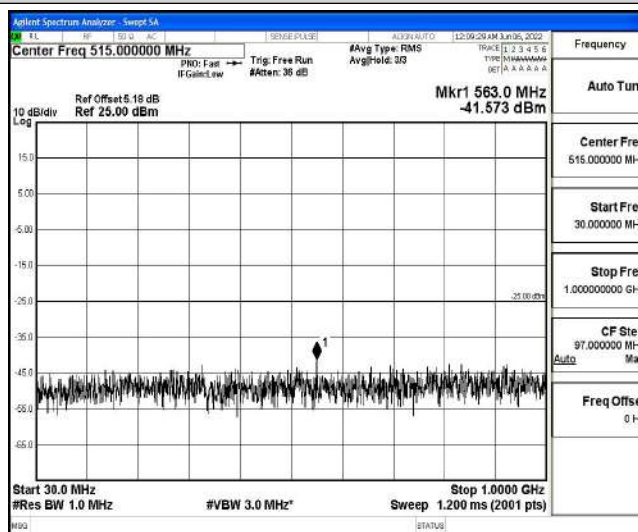




Band38-15MHz-QPSK-38175-1RB#0-Range2:0.15~30MHz



Band38-15MHz-QPSK-38175-1RB#0-Range3:30~1000MHz



Band38-15MHz-QPSK-38175-1RB#0-Range4:1000~10000MHz

