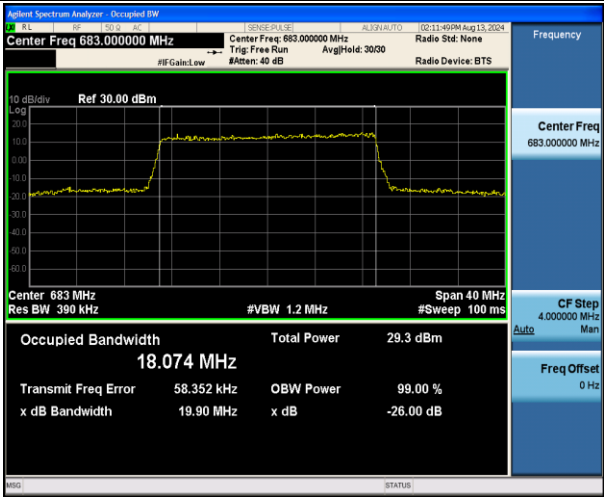
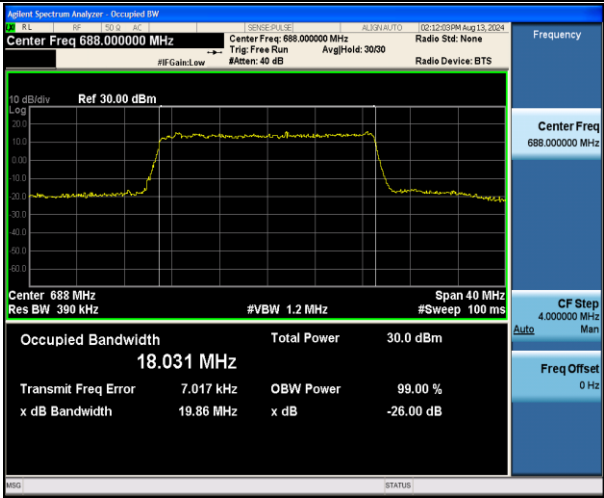
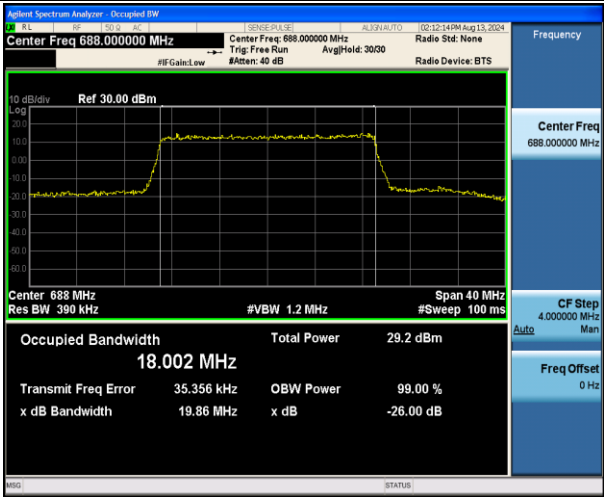




Band71-20MHz-16QAM-133322-100RB#0-PASS



Band71-20MHz-QPSK-133372-100RB#0-PASS



Band71-20MHz-16QAM-133372-100RB#0-PASS

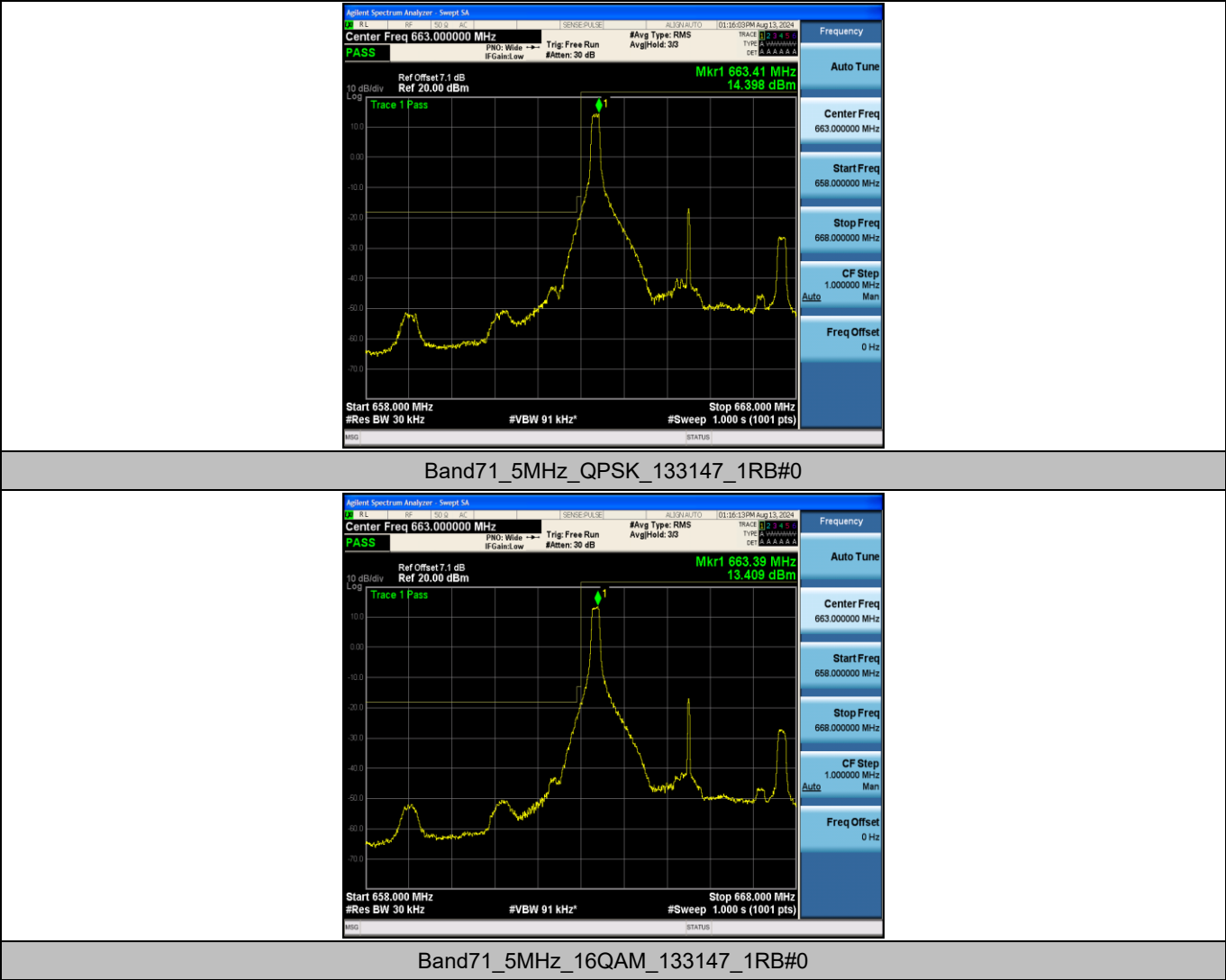
## Appendix D: Band Edge

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | -23.46      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | -23.13      | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#24           | -44.59      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#24           | -44.45      | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 25RB#0           | -29.66      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | -29.76      | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | -40.26      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | -41.77      | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#24           | -21.46      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#24           | -22.21      | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 25RB#0           | -30.06      | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | -29.77      | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | -27.32      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | -28.59      | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#49           | -55.78      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#49           | -56.96      | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 50RB#0           | -33.69      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | -33.22      | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#0            | -51.55      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 1RB#0            | -52.62      | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#49           | -25.42      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 1RB#49           | -26.82      | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 50RB#0           | -33.49      | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | -33.38      | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 1RB#0            | -29.92      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 1RB#0            | -30.11      | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 1RB#74           | -56.87      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 1RB#74           | -57.72      | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 75RB#0           | -35.22      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | -34.96      | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 1RB#0            | -54.81      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 1RB#0            | -56.17      | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 1RB#74           | -27.99      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 1RB#74           | -28.46      | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 75RB#0           | -34.75      | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | -34.54      | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 1RB#0            | -34.26      | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 1RB#0            | -34.37      | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 1RB#99           | -59.51      | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 1RB#99           | -59.91      | PASS    |

|        |       |       |        |         |        |      |
|--------|-------|-------|--------|---------|--------|------|
| Band71 | 20MHz | QPSK  | 133222 | 100RB#0 | -35.85 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | -35.40 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0   | -57.26 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0   | -56.99 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#99  | -32.87 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99  | -33.56 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 100RB#0 | -35.99 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | -36.14 | PASS |

Test Graphs







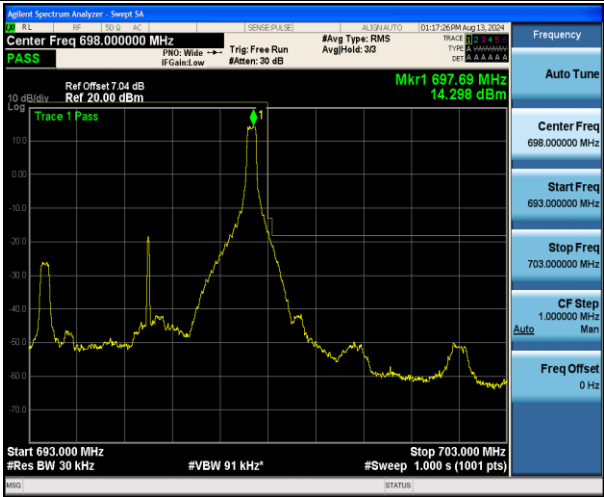
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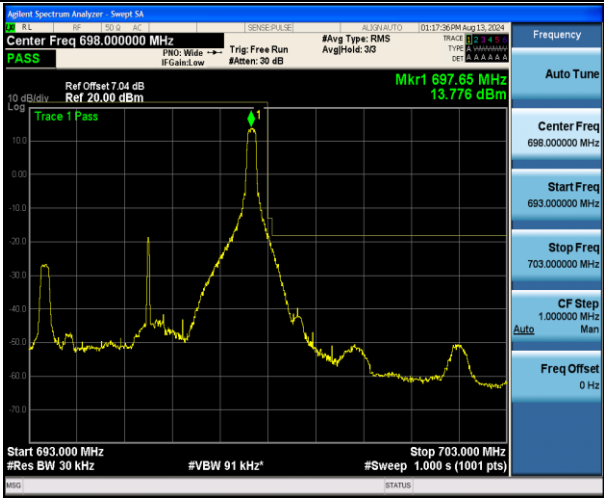
Band71\_5MHz\_QPSK\_133447\_1RB#0



Band71\_5MHz\_16QAM\_133447\_1RB#0



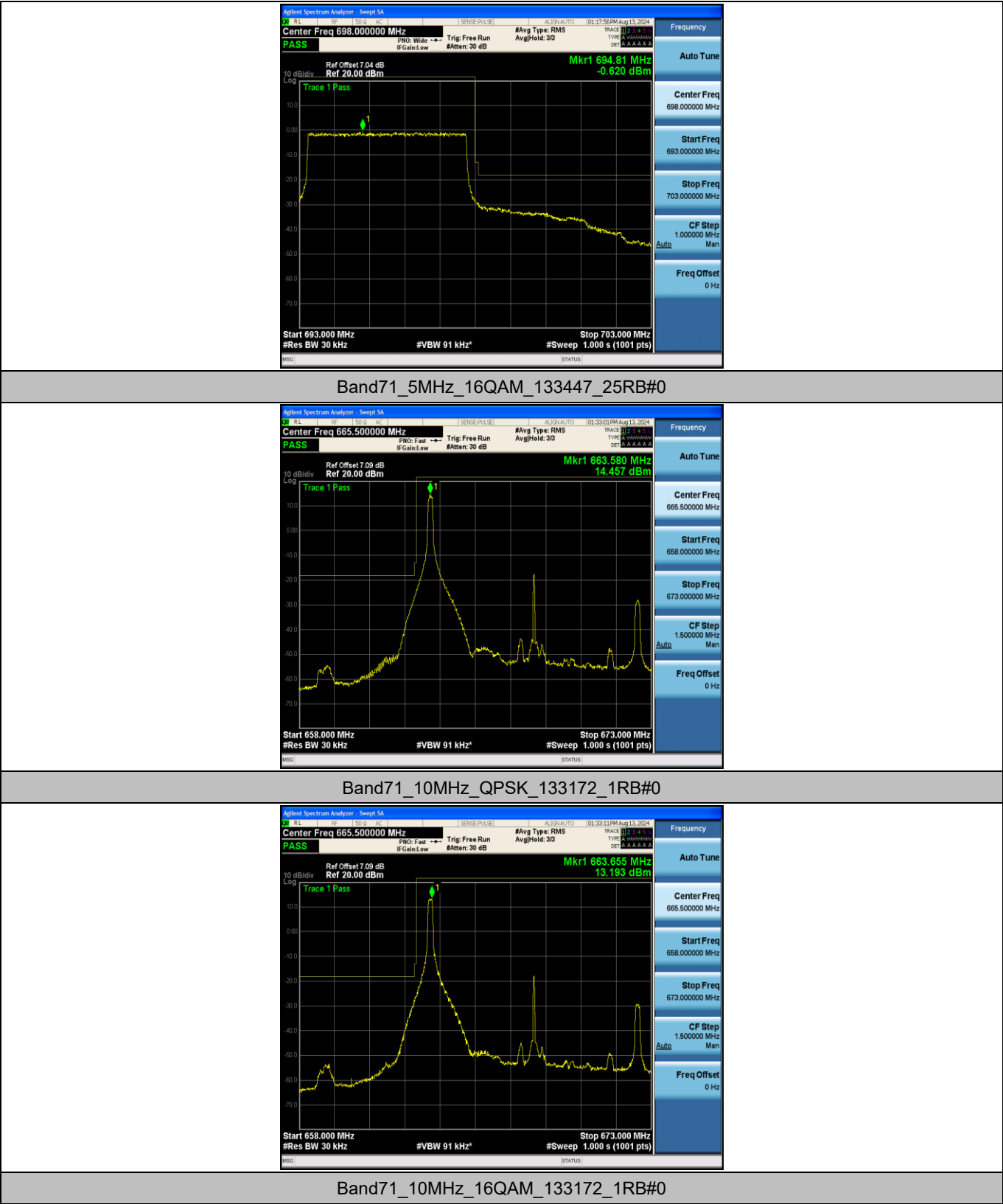
Band71\_5MHz\_QPSK\_133447\_1RB#24



Band71\_5MHz\_16QAM\_133447\_1RB#24



Band71\_5MHz\_QPSK\_133447\_25RB#0



Agilent Spectrum Analyzer - Sweep 5A

Center Freq 665.500000 MHz

PASS

Ref Offset 7.09 dB

Ref 20.00 dBm

Trace 1 Pass

Start 658.000 MHz

Stop 673.000 MHz

#Res BW 30 kHz

#VBW 91 kHz

#Sweep 1.000 s (1001 pts)

Frequency

Auto Tune

Center Freq 665.500000 MHz

Start Freq 658.000000 MHz

Stop Freq 673.000000 MHz

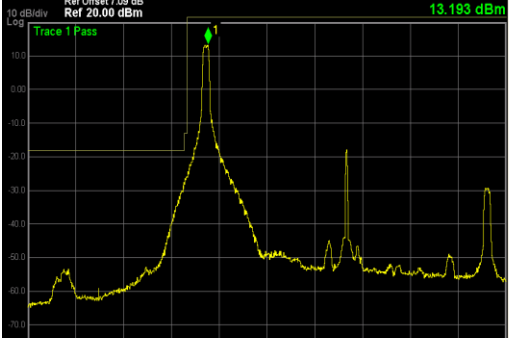
CF Step 1.500000 MHz

Auto

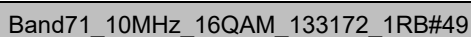
Freq Offset 0 Hz

Mkr1 663.655 MHz

13.193 dBm

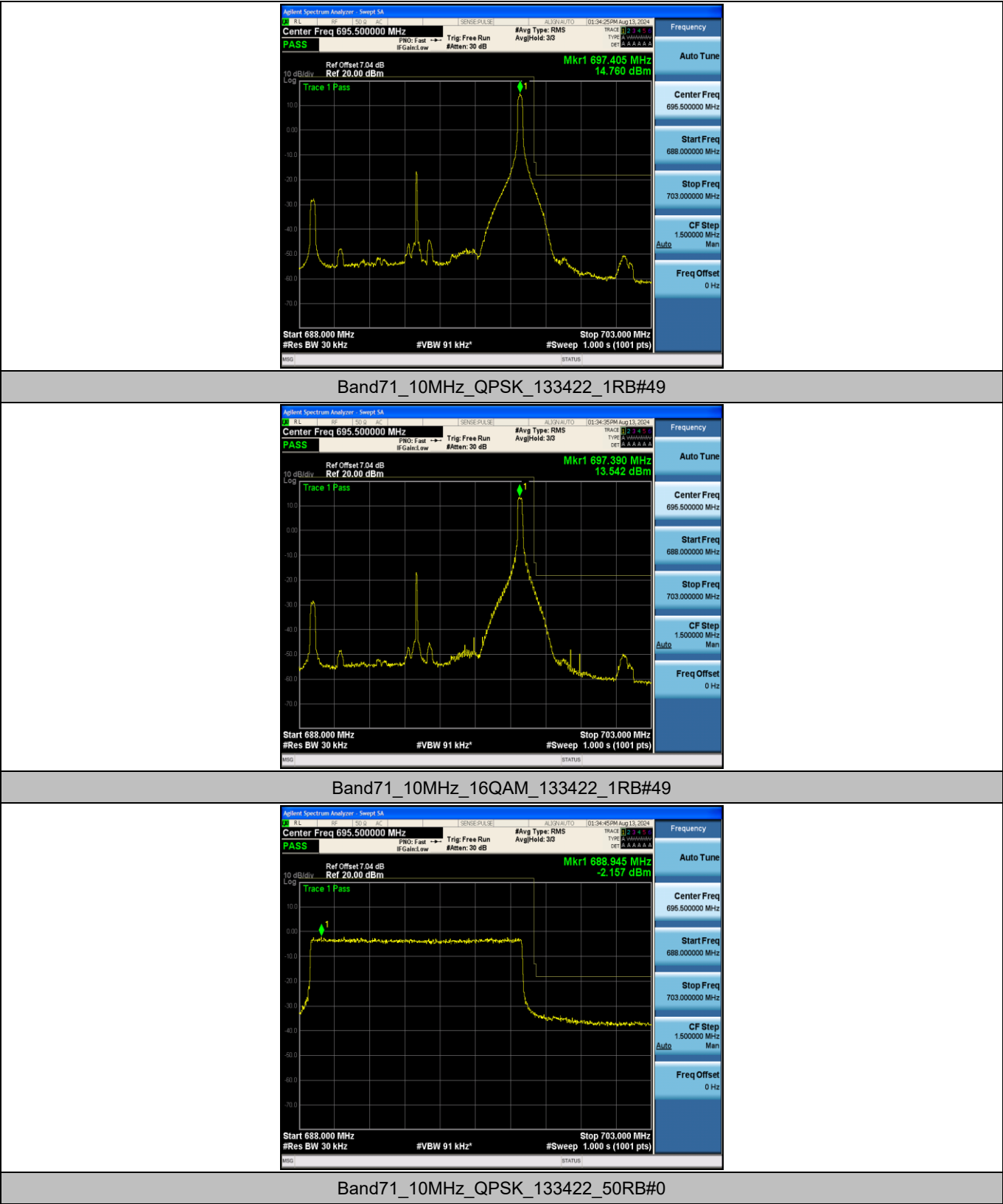


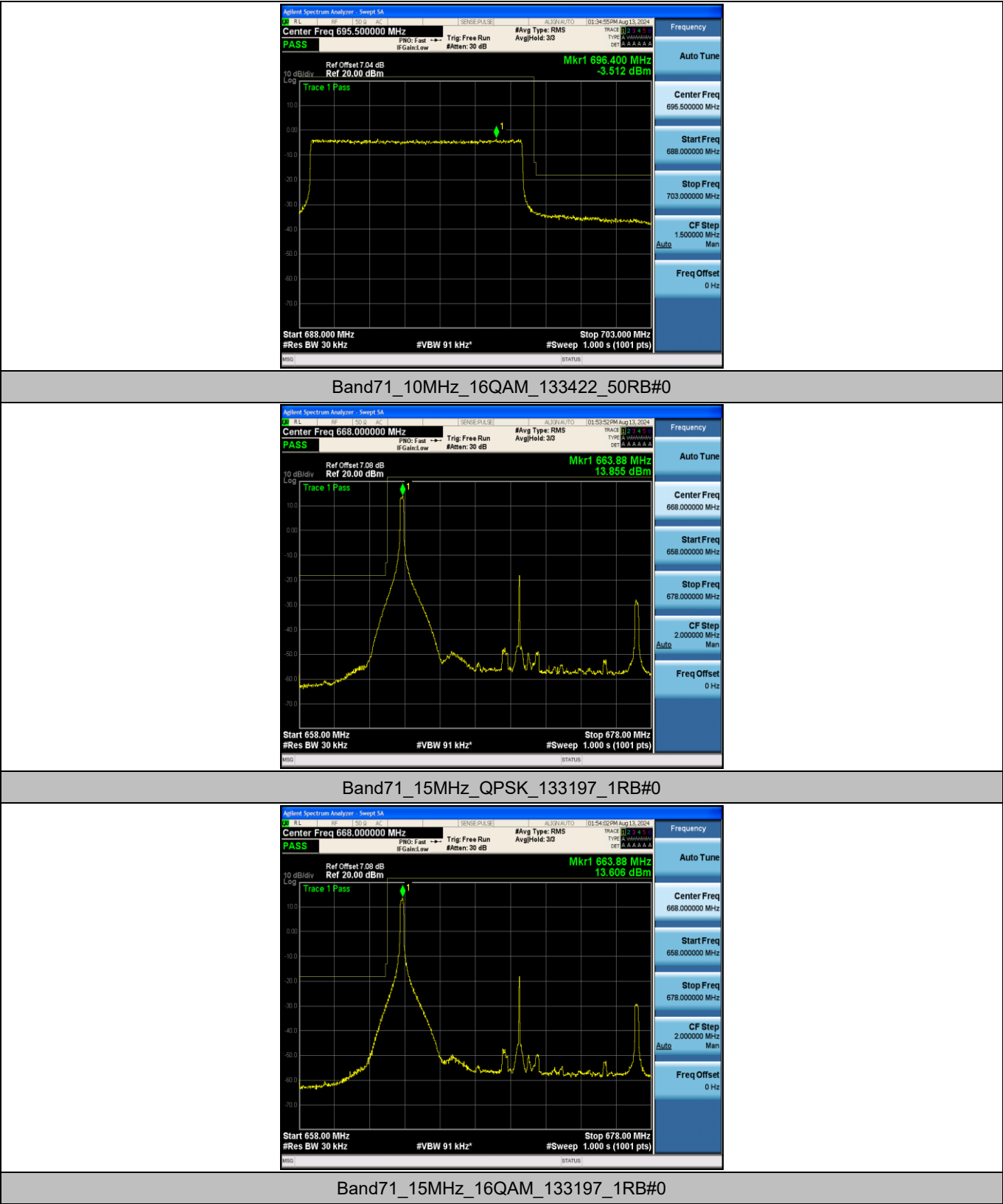
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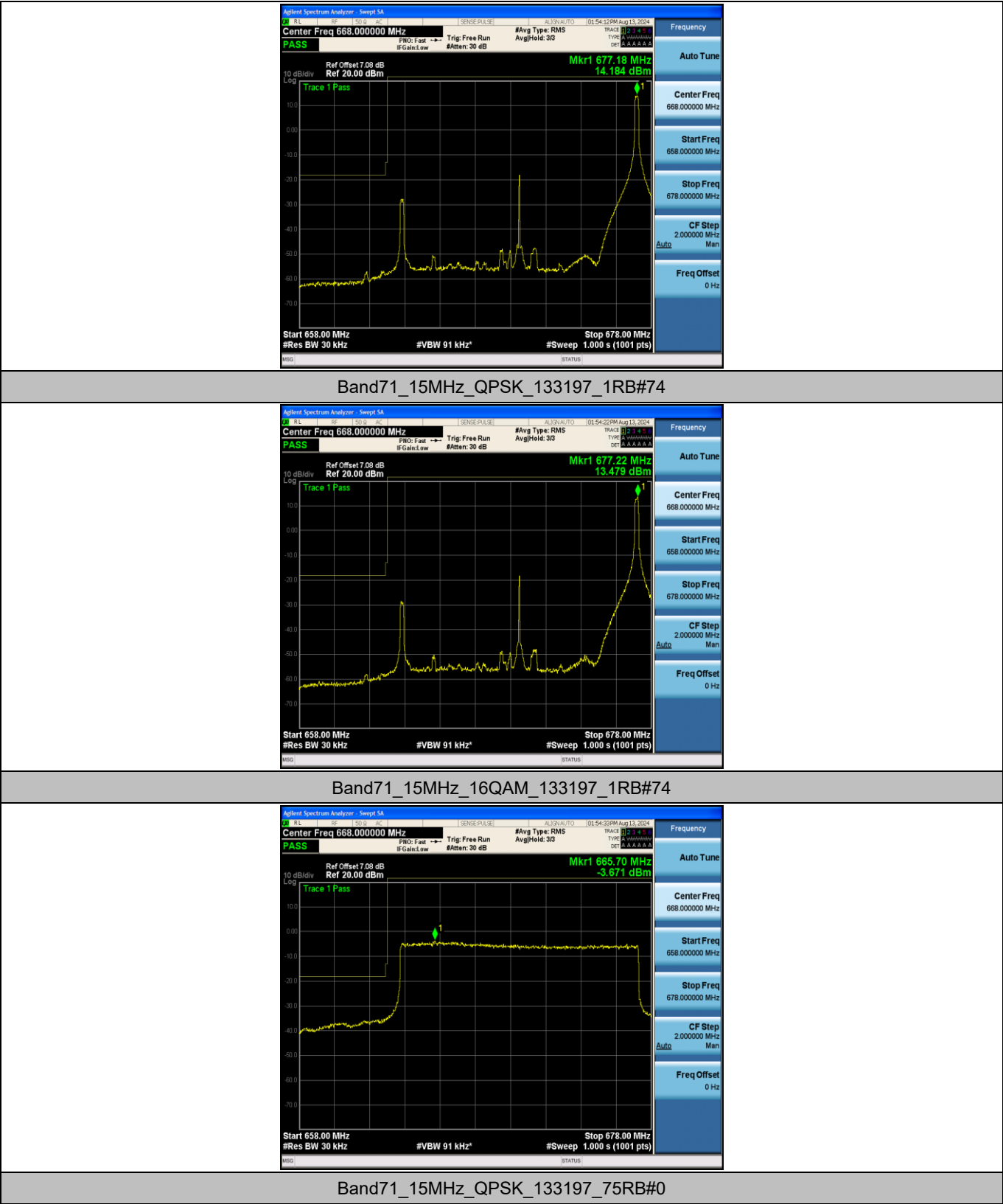






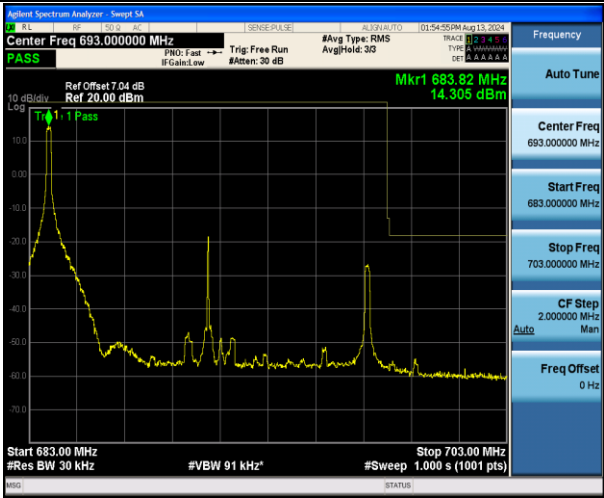




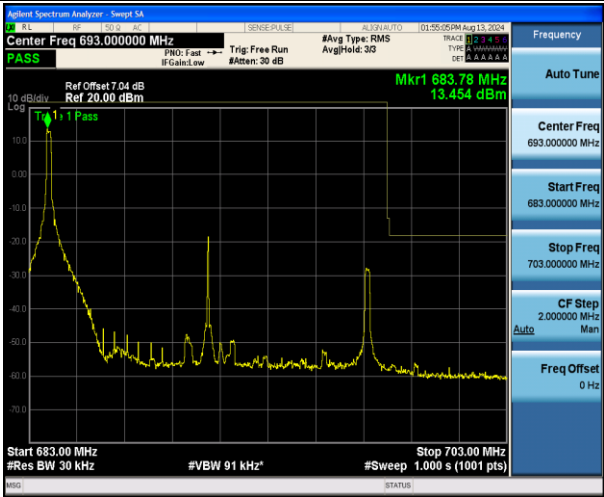




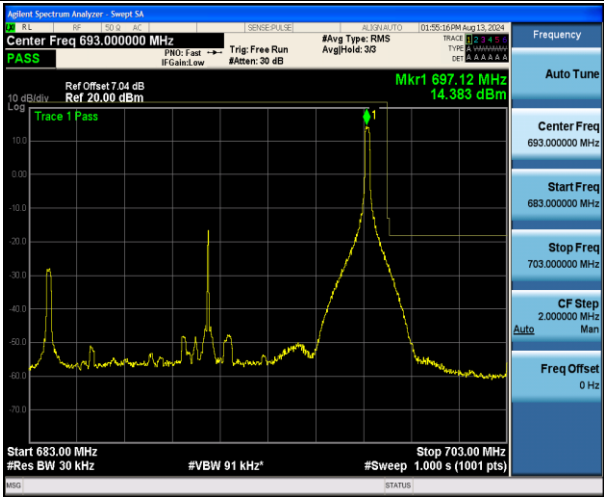
Band71\_15MHz\_16QAM\_133197\_75RB#0



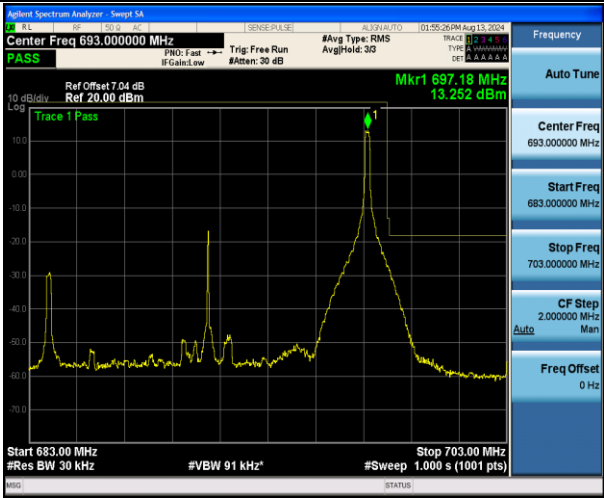
Band71\_15MHz\_QPSK\_133397\_1RB#0



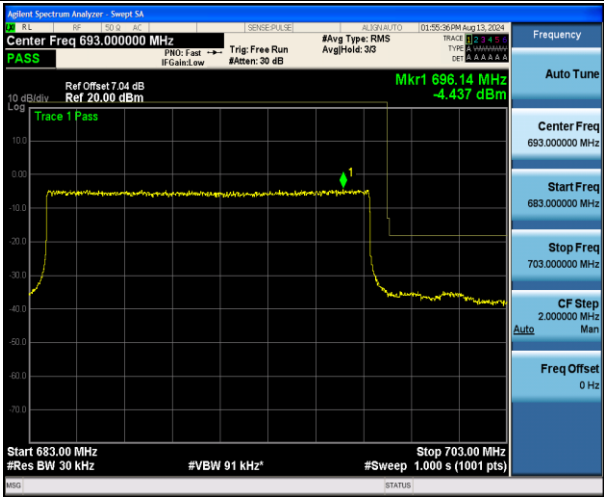
Band71\_15MHz\_16QAM\_133397\_1RB#0



Band71\_15MHz\_QPSK\_133397\_1RB#74



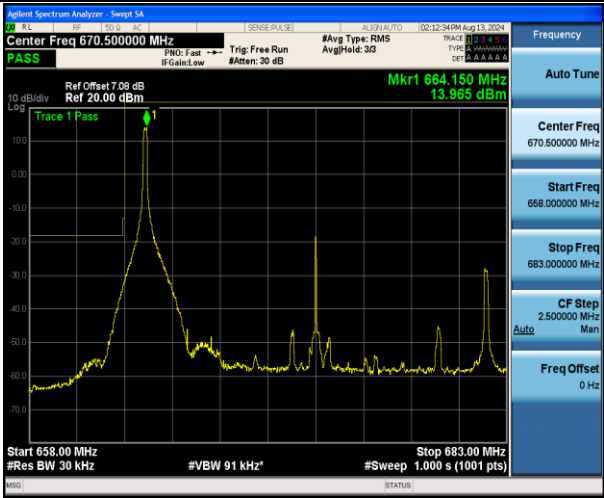
Band71\_15MHz\_16QAM\_133397\_1RB#74



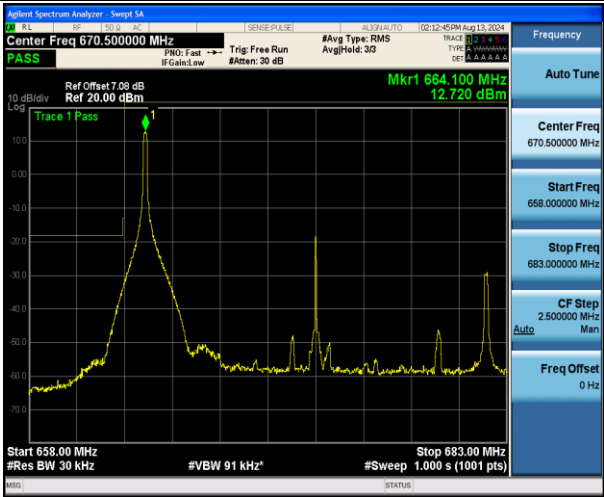
Band71\_15MHz\_QPSK\_133397\_75RB#0



Band71\_15MHz\_16QAM\_133397\_75RB#0



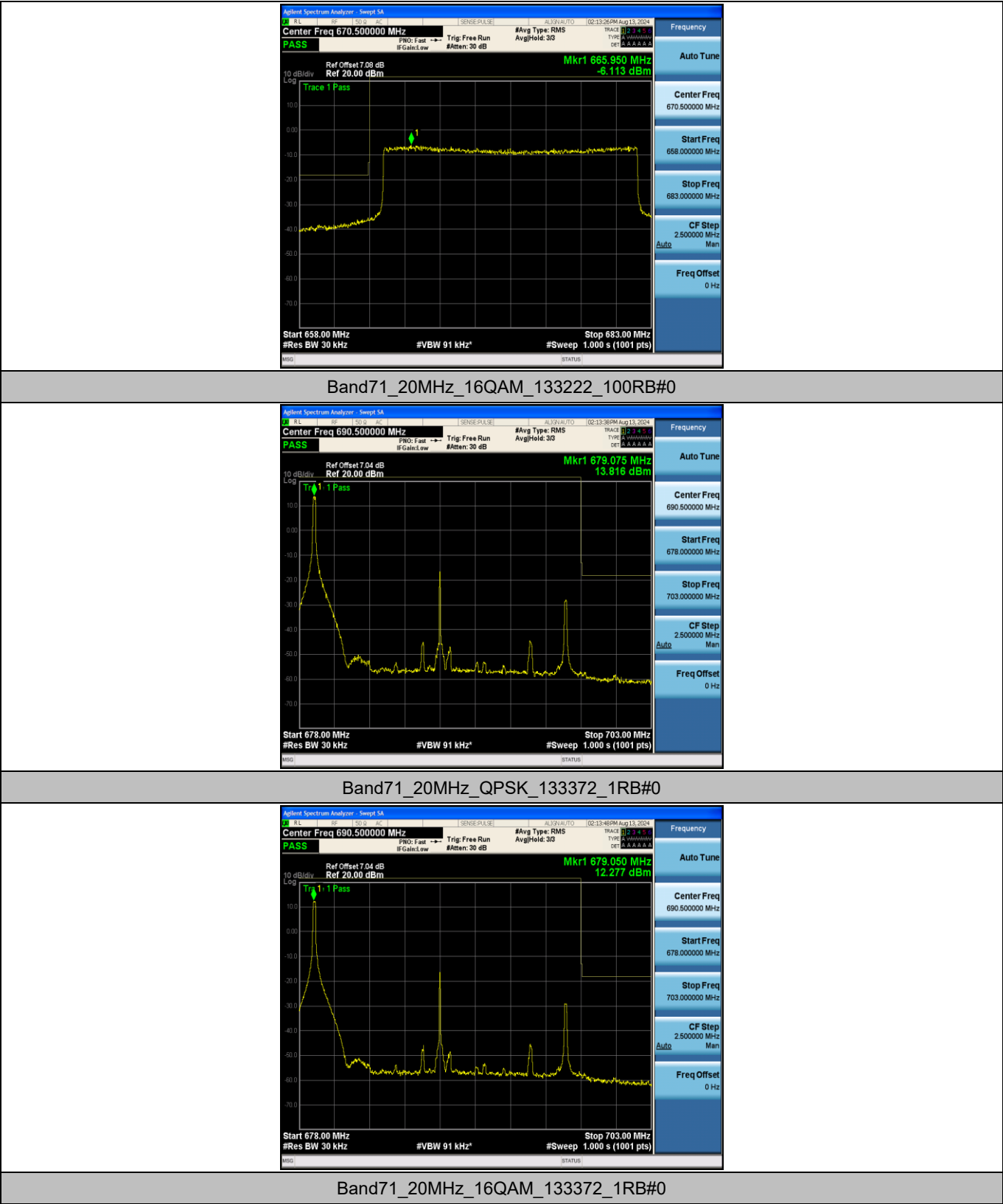
Band71\_20MHz\_QPSK\_133222\_1RB#0

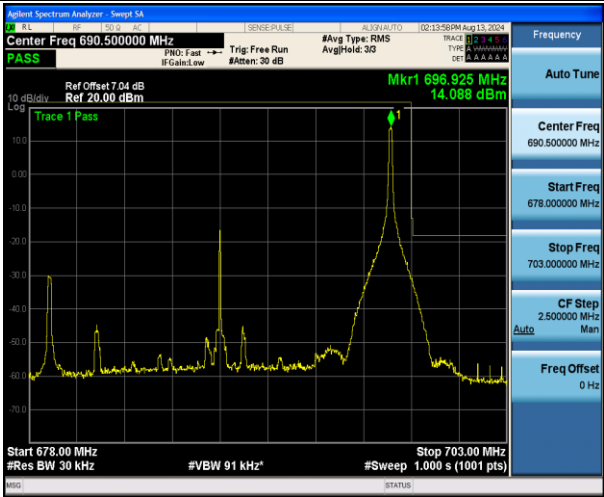


Band71\_20MHz\_16QAM\_133222\_1RB#0

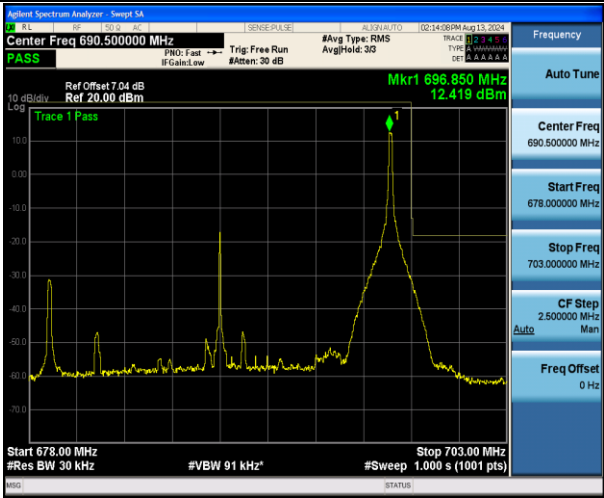




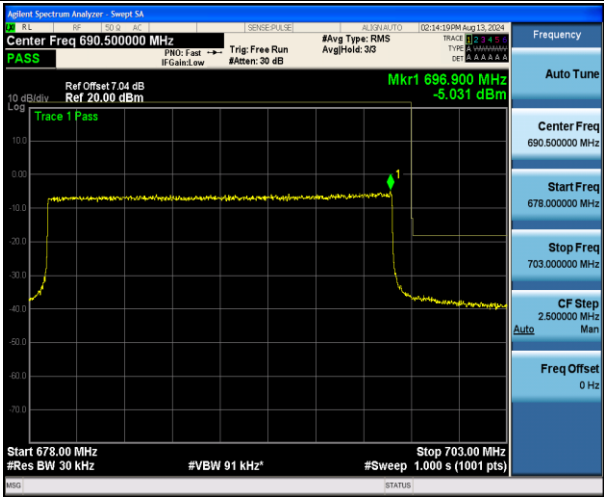




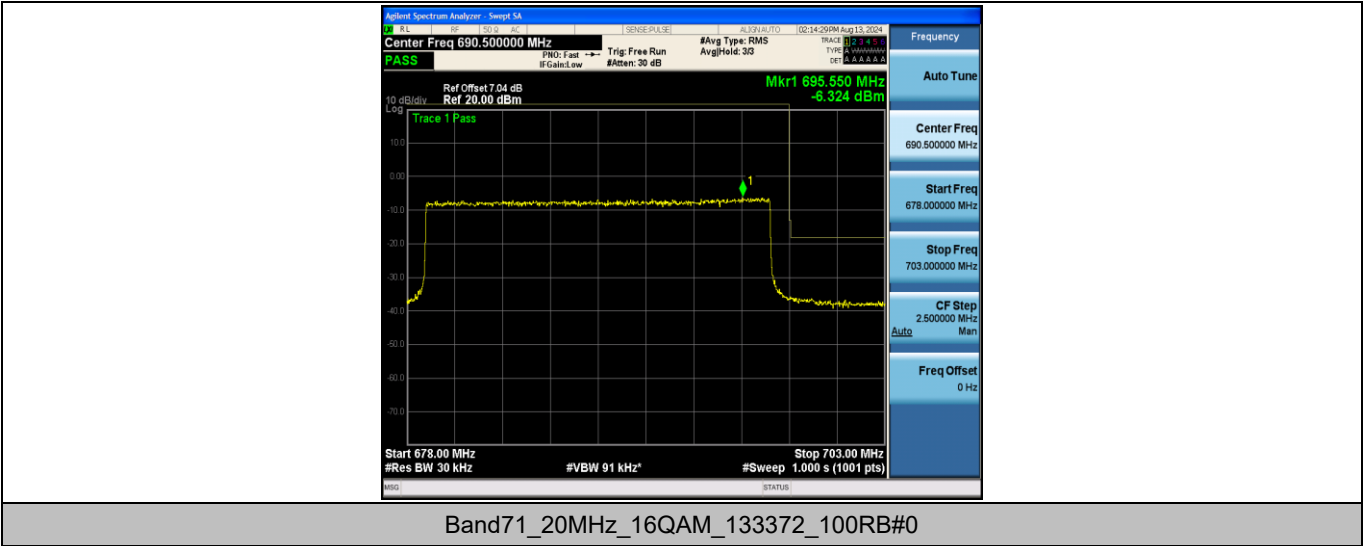
Band71\_20MHz\_QPSK\_133372\_1RB#99



Band71\_20MHz\_16QAM\_133372\_1RB#99



Band71\_20MHz\_QPSK\_133372\_100RB#0



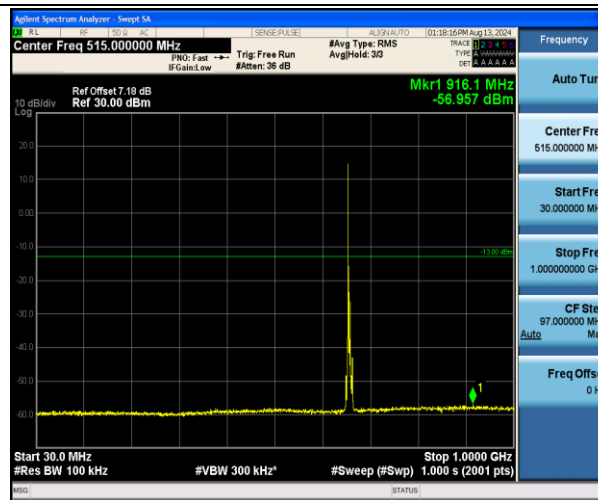
## Appendix E: Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 30~1000         | -56.96       | PASS    |
| Band71 | 5MHz      | QPSK       | 133147  | 1RB#0            | 1000~10000      | -42.21       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 30~1000         | -57.16       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | 1000~10000      | -42.20       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 30~1000         | -57.22       | PASS    |
| Band71 | 5MHz      | QPSK       | 133297  | 1RB#0            | 1000~10000      | -42.18       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 30~1000         | -57.35       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | 1000~10000      | -42.13       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 30~1000         | -57.03       | PASS    |
| Band71 | 5MHz      | QPSK       | 133447  | 1RB#0            | 1000~10000      | -42.03       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 30~1000         | -57.25       | PASS    |
| Band71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | 1000~10000      | -42.22       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 30~1000         | -57.26       | PASS    |
| Band71 | 10MHz     | QPSK       | 133172  | 1RB#0            | 1000~10000      | -42.27       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 30~1000         | -57.30       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | 1000~10000      | -42.40       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 30~1000         | -57.33       | PASS    |
| Band71 | 10MHz     | QPSK       | 133297  | 1RB#0            | 1000~10000      | -42.27       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 1RB#0            | 30~1000         | -56.91       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133297  | 1RB#0            | 1000~10000      | -41.96       | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#0            | 30~1000         | -57.28       | PASS    |
| Band71 | 10MHz     | QPSK       | 133422  | 1RB#0            | 1000~10000      | -42.23       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 1RB#0            | 30~1000         | -57.08       | PASS    |
| Band71 | 10MHz     | 16QAM      | 133422  | 1RB#0            | 1000~10000      | -42.24       | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 1RB#0            | 30~1000         | -57.17       | PASS    |
| Band71 | 15MHz     | QPSK       | 133197  | 1RB#0            | 1000~10000      | -42.33       | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 1RB#0            | 30~1000         | -57.31       | PASS    |
| Band71 | 15MHz     | 16QAM      | 133197  | 1RB#0            | 1000~10000      | -42.04       | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 1RB#0            | 30~1000         | -57.28       | PASS    |
| Band71 | 15MHz     | QPSK       | 133297  | 1RB#0            | 1000~10000      | -42.06       | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 1RB#0            | 30~1000         | -57.07       | PASS    |
| Band71 | 15MHz     | 16QAM      | 133297  | 1RB#0            | 1000~10000      | -42.01       | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 1RB#0            | 30~1000         | -57.12       | PASS    |
| Band71 | 15MHz     | QPSK       | 133397  | 1RB#0            | 1000~10000      | -41.94       | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 1RB#0            | 30~1000         | -57.29       | PASS    |
| Band71 | 15MHz     | 16QAM      | 133397  | 1RB#0            | 1000~10000      | -42.17       | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 1RB#0            | 30~1000         | -57.07       | PASS    |
| Band71 | 20MHz     | QPSK       | 133222  | 1RB#0            | 1000~10000      | -42.12       | PASS    |
| Band71 | 20MHz     | 16QAM      | 133222  | 1RB#0            | 30~1000         | -57.11       | PASS    |

|        |       |       |        |       |            |        |      |
|--------|-------|-------|--------|-------|------------|--------|------|
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | 1000~10000 | -41.89 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0 | 30~1000    | -56.98 | PASS |
| Band71 | 20MHz | QPSK  | 133322 | 1RB#0 | 1000~10000 | -42.14 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | 30~1000    | -56.93 | PASS |
| Band71 | 20MHz | 16QAM | 133322 | 1RB#0 | 1000~10000 | -42.32 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0 | 30~1000    | -57.10 | PASS |
| Band71 | 20MHz | QPSK  | 133372 | 1RB#0 | 1000~10000 | -41.97 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 30~1000    | -57.27 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 1000~10000 | -42.09 | PASS |

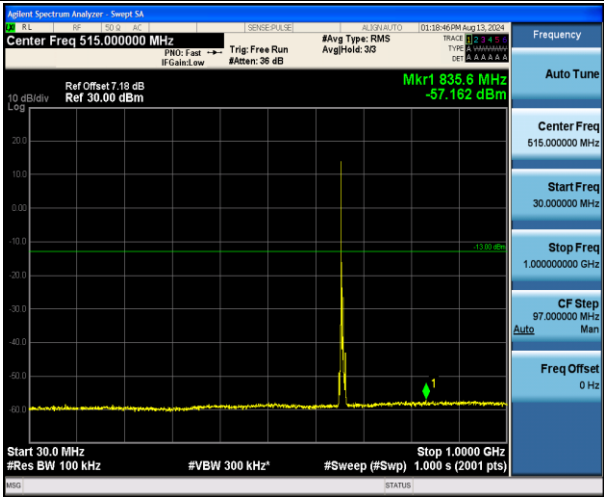
## Test Graphs



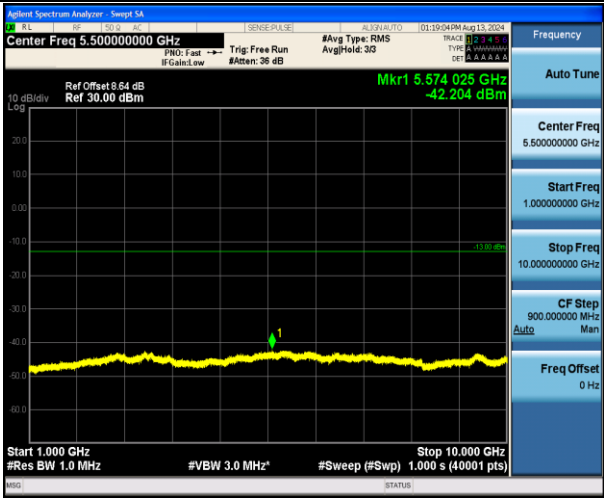
Band71\_5MHz\_QPSK\_133147\_1RB#0\_30~1000\_30~1000



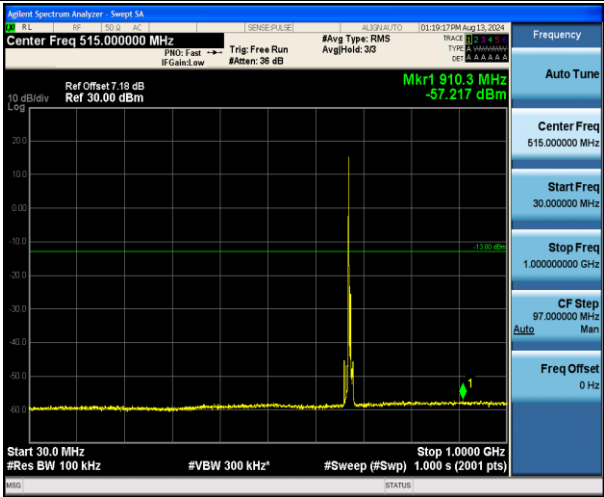
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Band71\_5MHz\_16QAM\_133147\_1RB#0\_30~1000\_30~1000



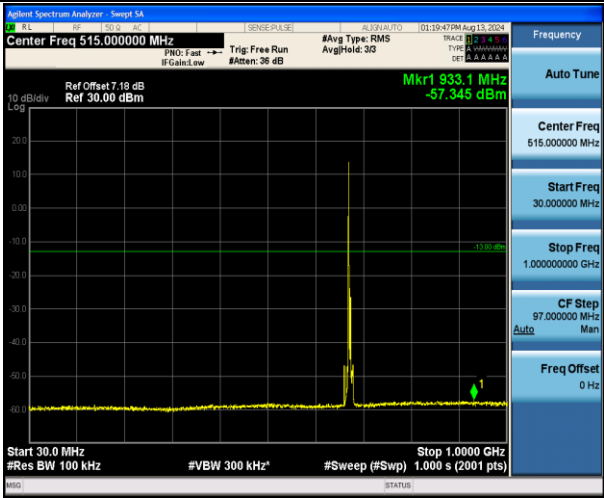
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Band71\_5MHz\_QPSK\_133297\_1RB#0\_30~1000\_30~1000



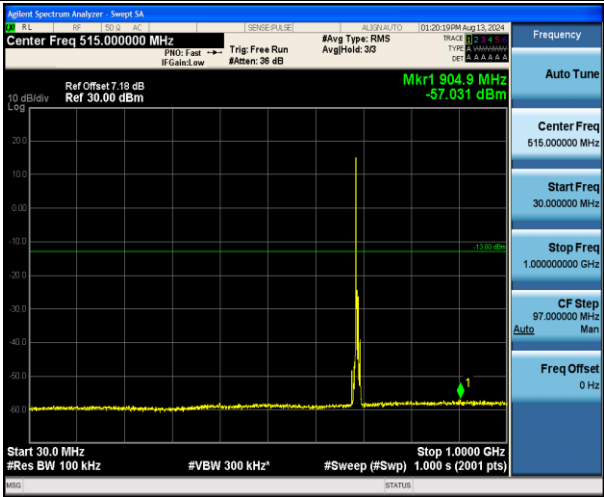
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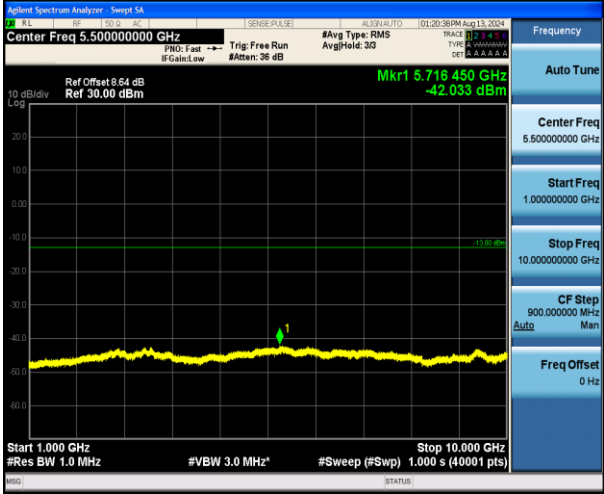
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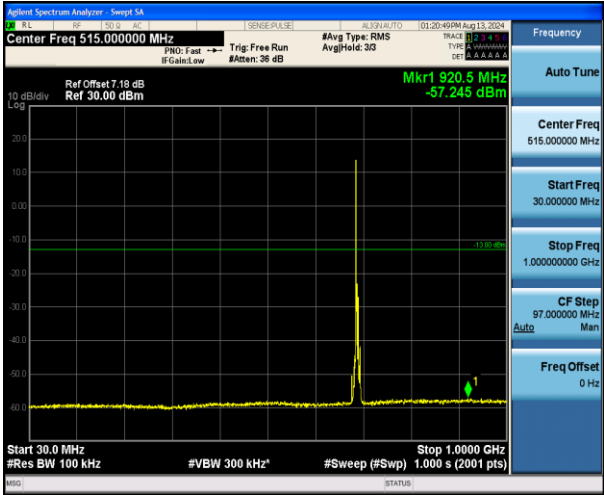
Band71\_5MHz\_16QAM\_133297\_1RB#0\_1000~10000\_1000~10000



Band71\_5MHz\_QPSK\_133447\_1RB#0\_30~1000\_30~1000



Band71\_5MHz\_QPSK\_133447\_1RB#0\_1000~10000\_1000~10000

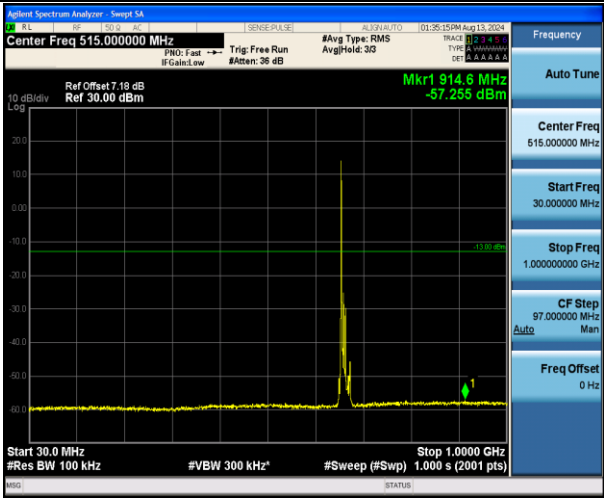


Band71\_5MHz\_16QAM\_133447\_1RB#0\_30~1000\_30~1000





Band71\_5MHz\_16QAM\_133447\_1RB#0\_1000~10000\_1000~10000



Band71\_10MHz\_QPSK\_133172\_1RB#0\_30~1000\_30~1000



Band71\_10MHz\_QPSK\_133172\_1RB#0\_1000~10000\_1000~10000