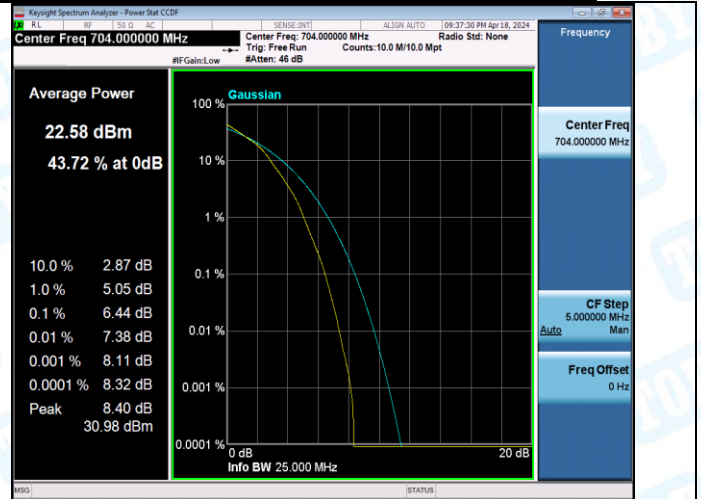
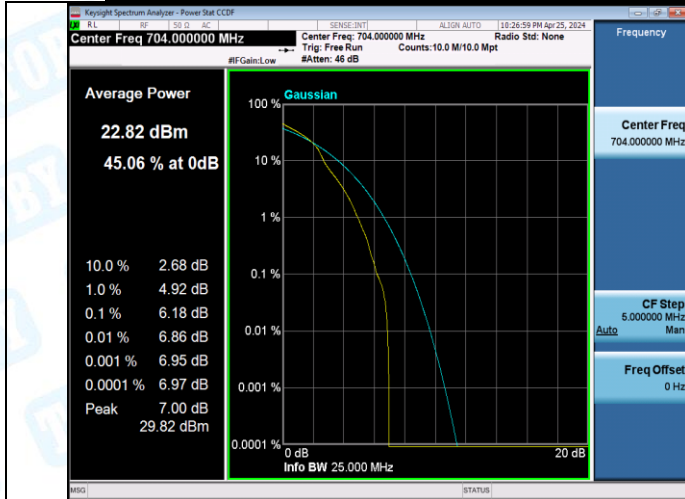
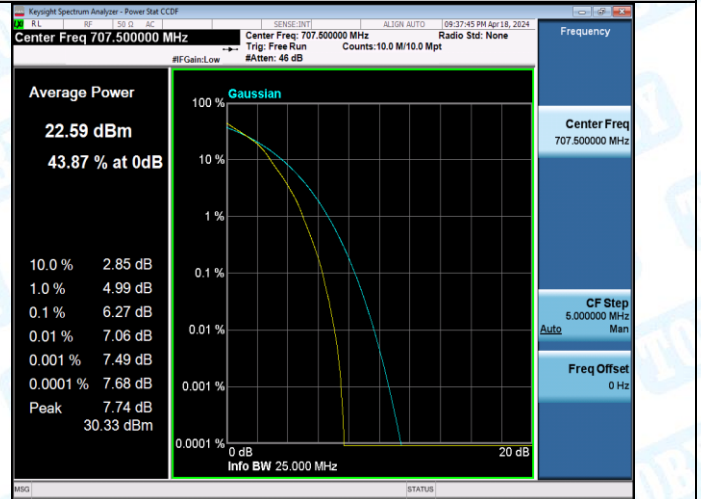
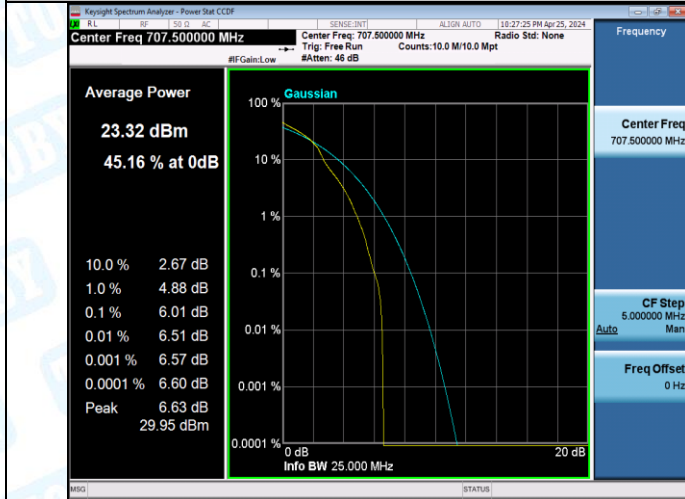




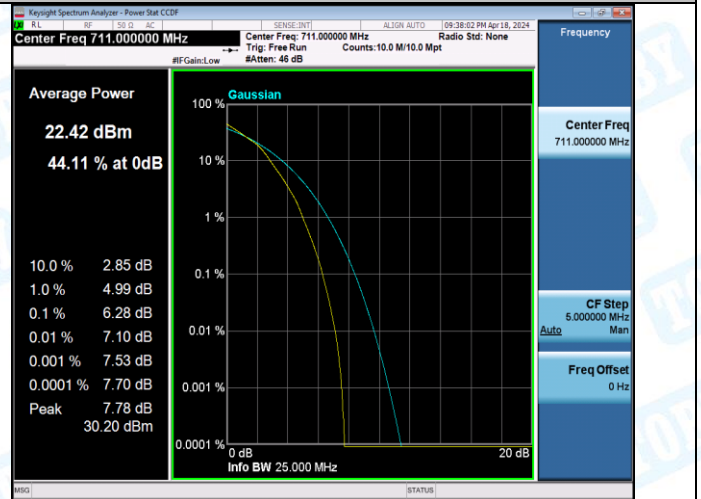
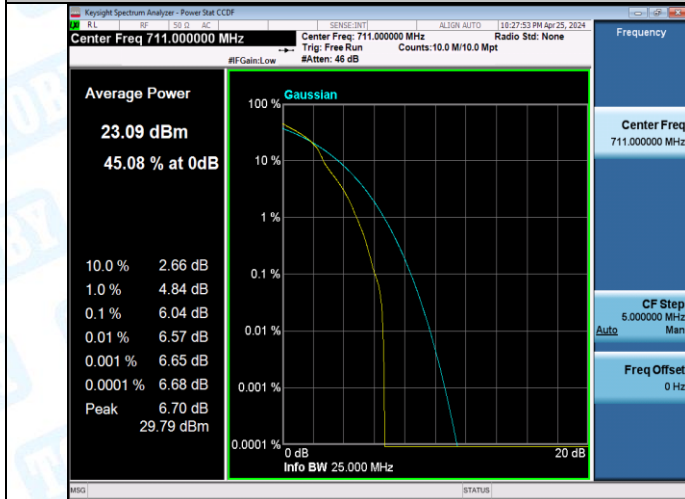
Band12-10MHz-16QAM-23095-1RB#0-PASS

Band12-10MHz-16QAM-23095-27RB#0-PASS



Band12-10MHz-16QAM-23130-1RB#0-PASS

Band12-10MHz-16QAM-23130-27RB#0-PASS



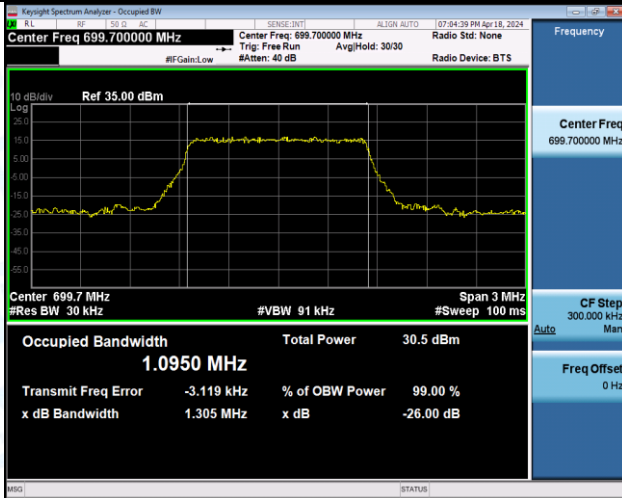
### 3: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

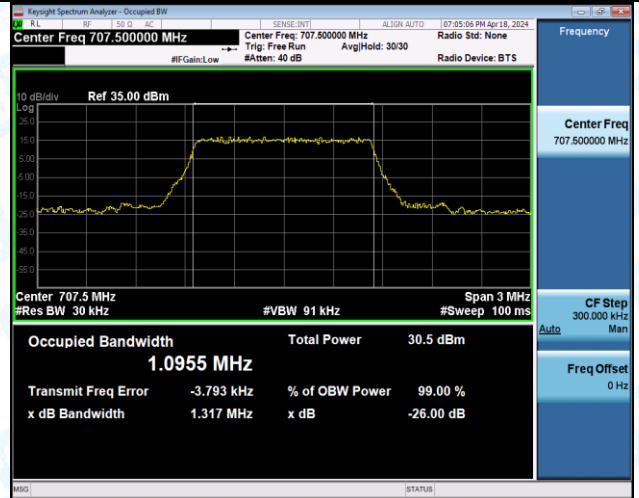
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1.0950                   | 1.305                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1.0955                   | 1.317                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 1.0940                   | 1.299                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 1.0976                   | 1.300                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 1.0982                   | 1.301                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 1.0942                   | 1.292                | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 2.7058                   | 3.036                | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 2.6995                   | 2.994                | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 2.7050                   | 3.038                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 2.7087                   | 2.999                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 2.6943                   | 3.011                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 2.6953                   | 3.011                | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.5131                   | 5.142                | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.5070                   | 5.108                | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.5108                   | 5.129                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 4.5139                   | 5.126                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 4.5019                   | 5.083                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 4.4980                   | 5.079                | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 9.0001                   | 10.21                | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 8.9741                   | 10.23                | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 9.0047                   | 10.14                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 27RB#0           | 5.0163                   | 6.160                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 27RB#0           | 5.0005                   | 6.137                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 27RB#0           | 5.0010                   | 6.110                | PASS    |

## Test Graphs

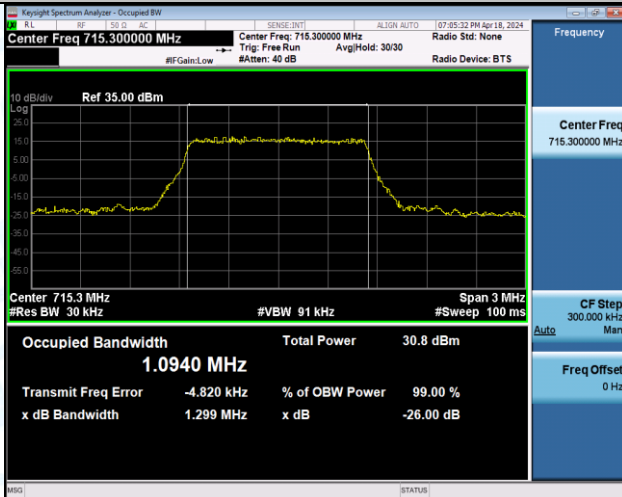
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



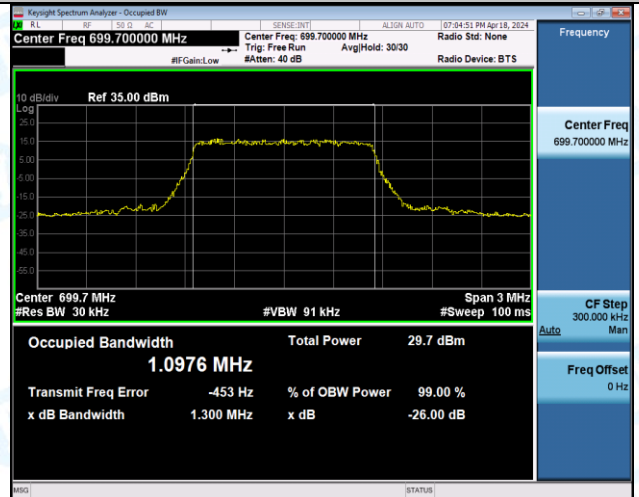
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



Band12-1.4MHz-QPSK-23173-6RB#0-PASS



Band12-1.4MHz-16QAM-23017-6RB#0-PASS



Band12-1.4MHz-16QAM-23095-6RB#0-PASS

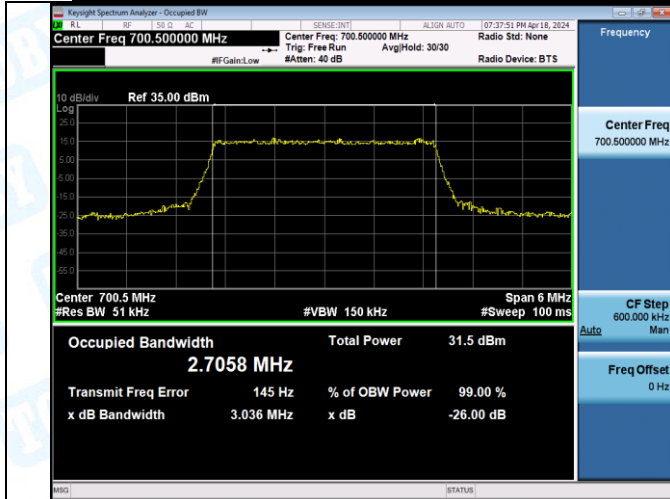


Band12-1.4MHz-16QAM-23173-6RB#0-PASS

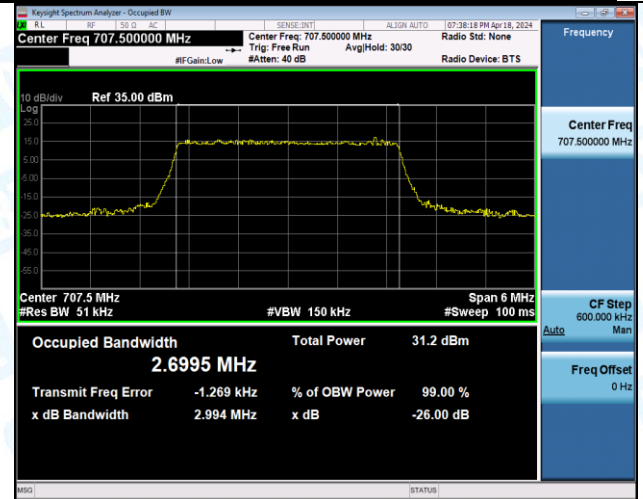


Band12-3MHz-QPSK-23025-15RB#0-PASS

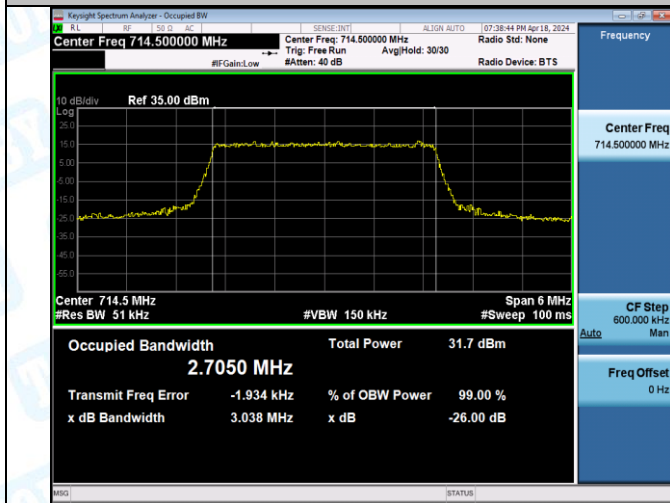
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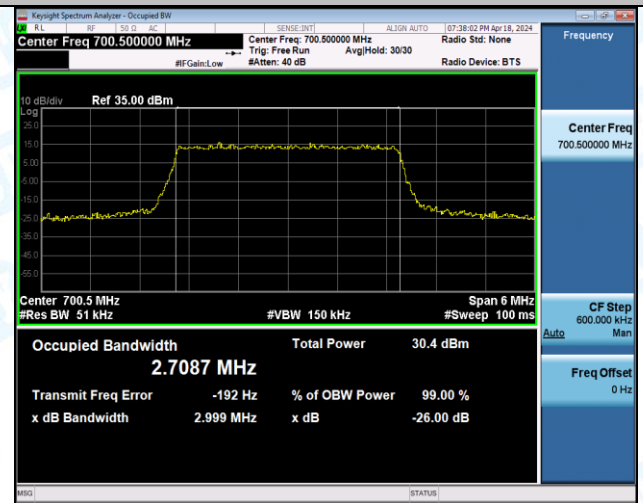
Band12-3MHz-QPSK-23165-15RB#0-PASS



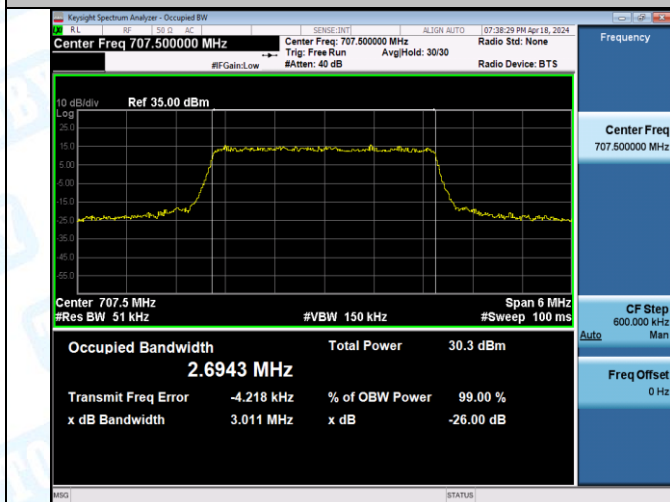
Band12-3MHz-16QAM-23025-15RB#0-PASS



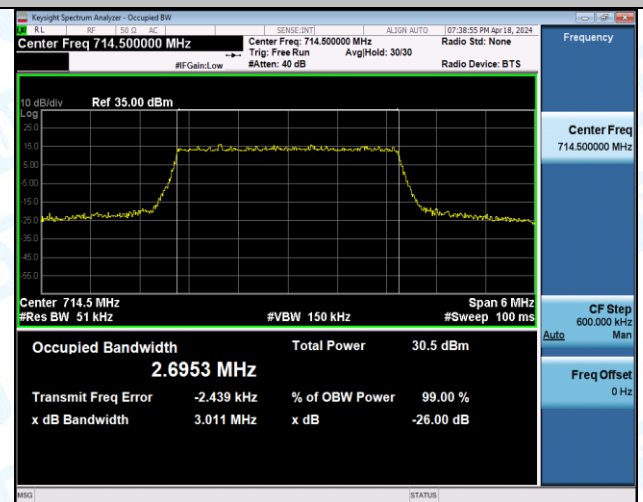
Band12-3MHz-16QAM-23095-15RB#0-PASS



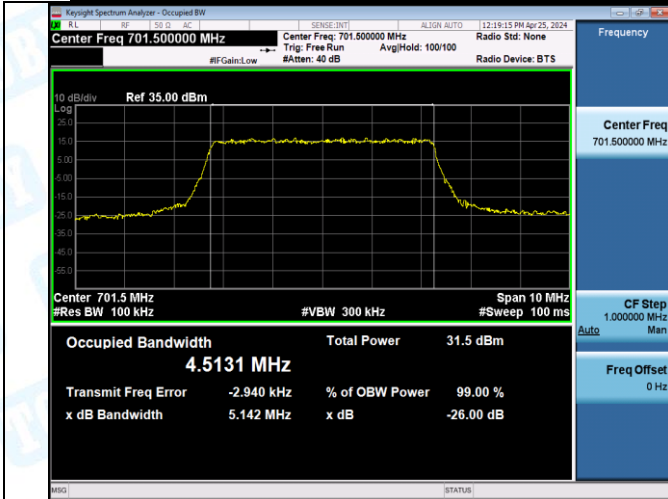
Band12-3MHz-16QAM-23165-15RB#0-PASS



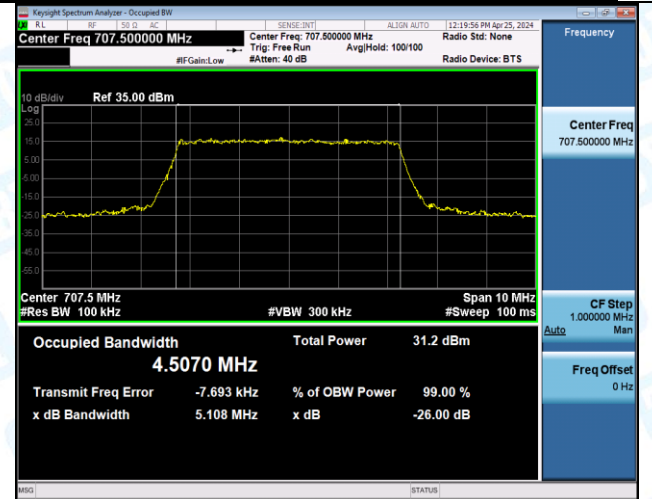
Band12-5MHz-QPSK-23035-25RB#0-PASS



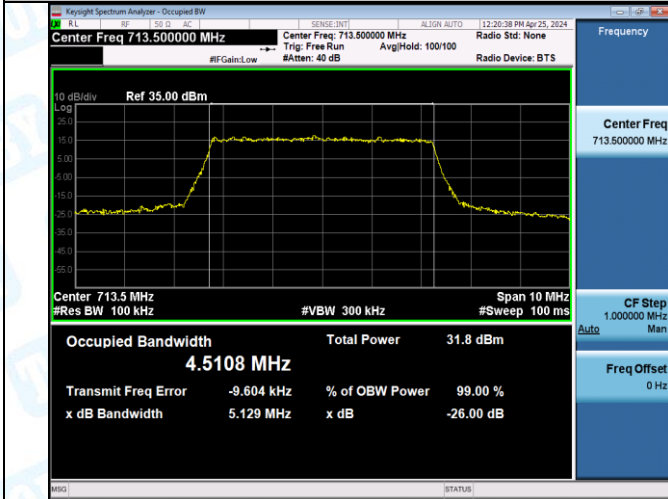
Band12-5MHz-QPSK-23095-25RB#0-PASS



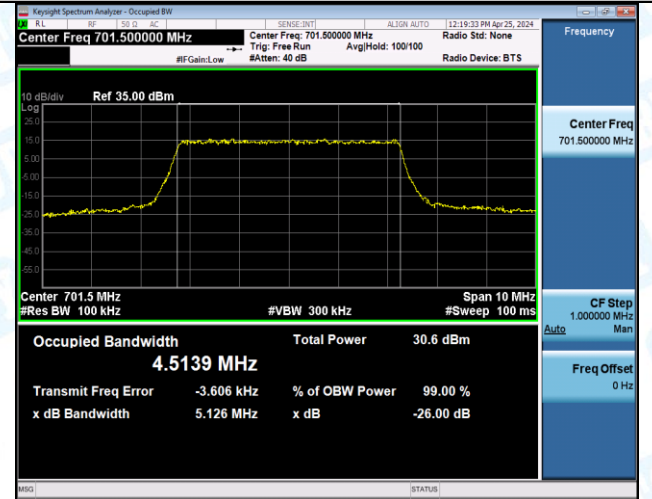
Band12-5MHz-QPSK-23155-25RB#0-PASS



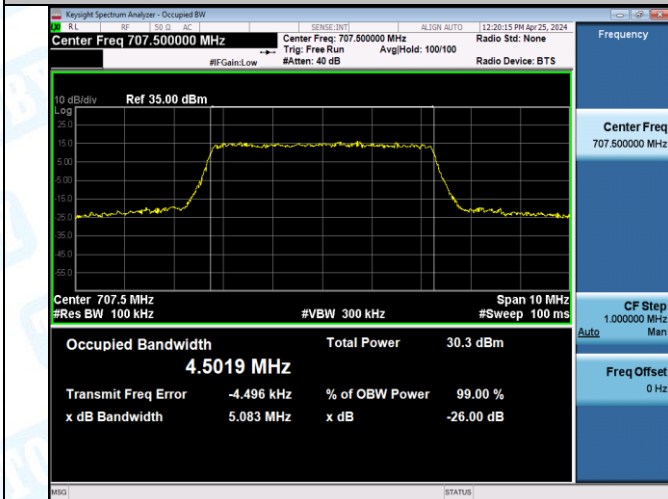
Band12-5MHz-16QAM-23035-25RB#0-PASS



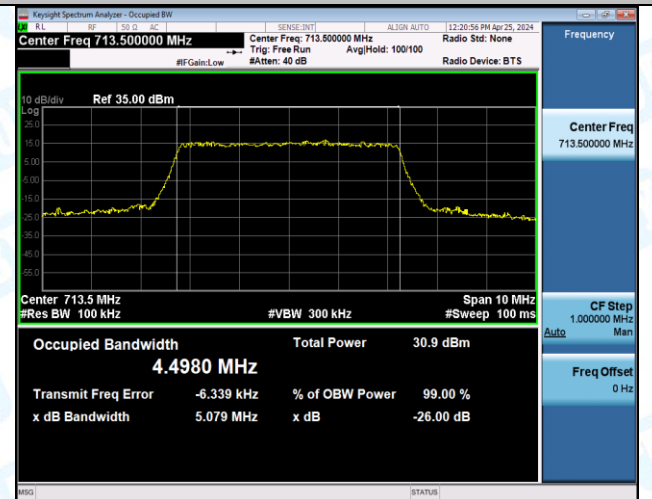
Band12-5MHz-16QAM-23095-25RB#0-PASS



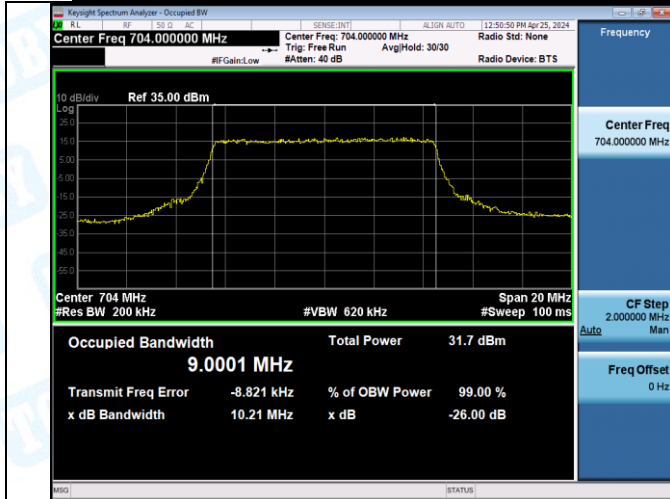
Band12-5MHz-16QAM-23155-25RB#0-PASS



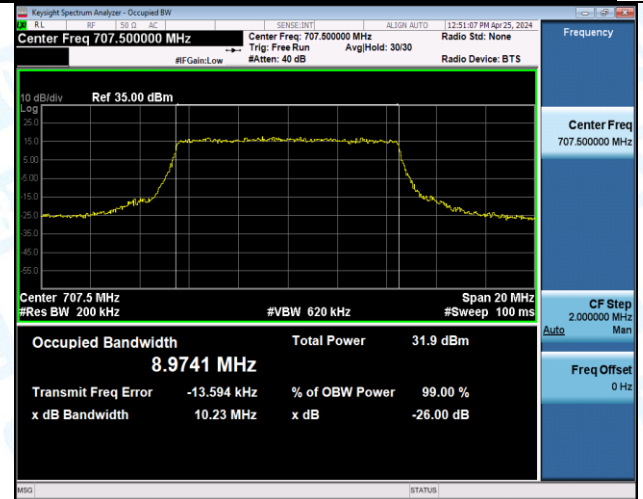
Band12-10MHz-QPSK-23060-50RB#0-PASS



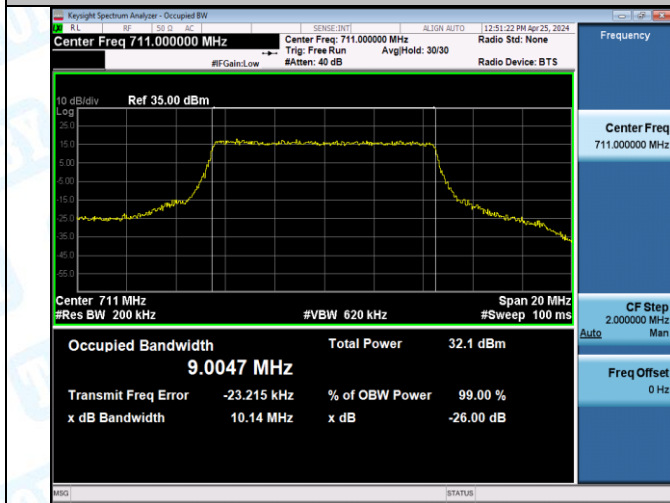
Band12-10MHz-QPSK-23095-50RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



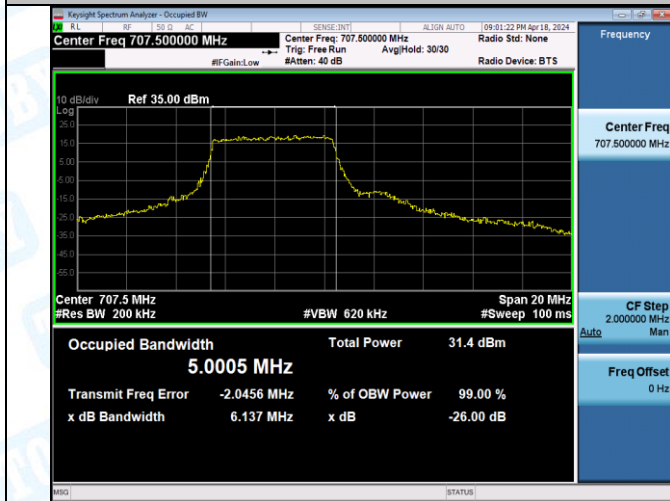
Band12-10MHz-16QAM-23060-27RB#0-PASS



Band12-10MHz-16QAM-23095-27RB#0-PASS



Band12-10MHz-16QAM-23130-27RB#0-PASS



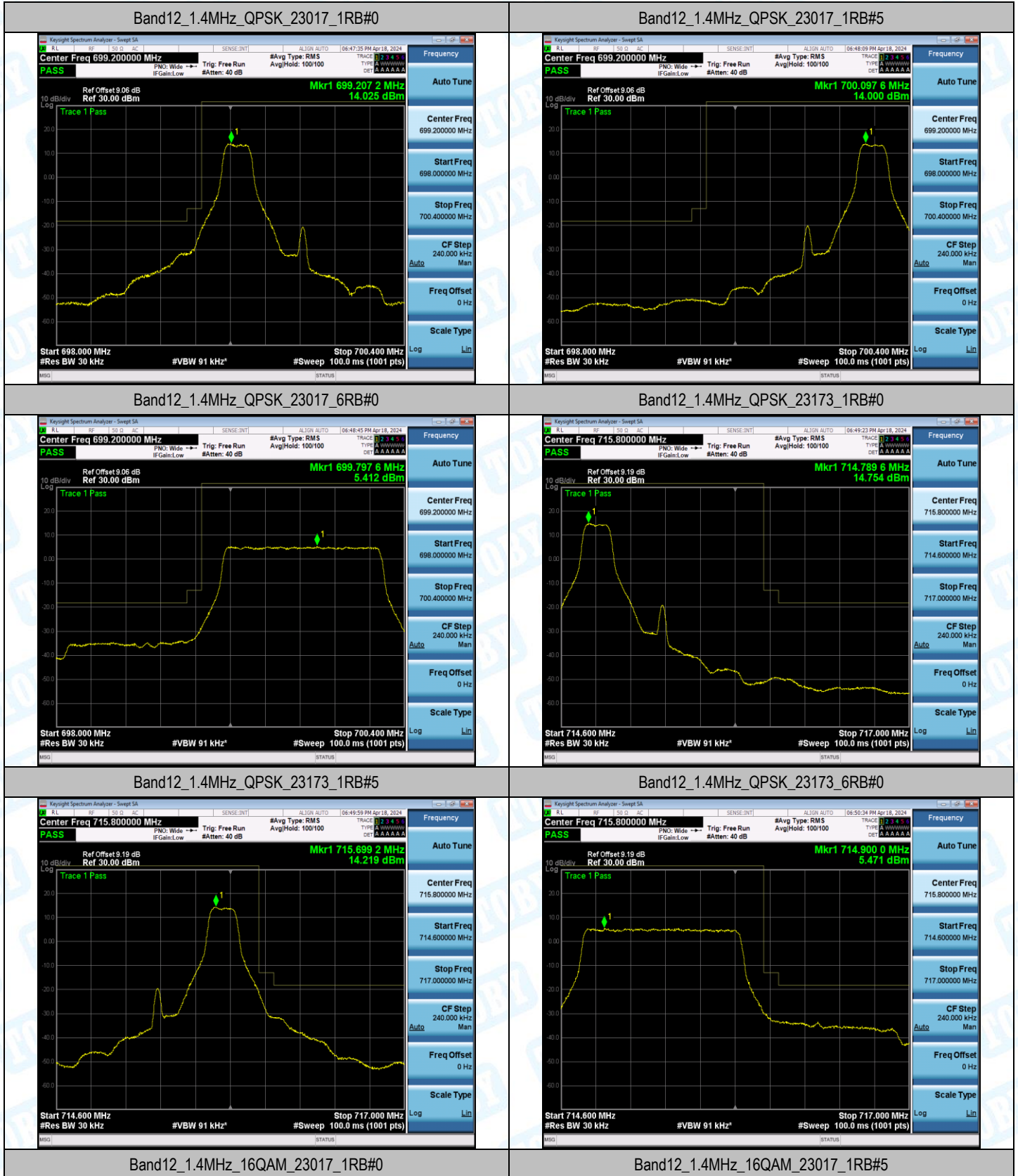
## 4: Band Edge

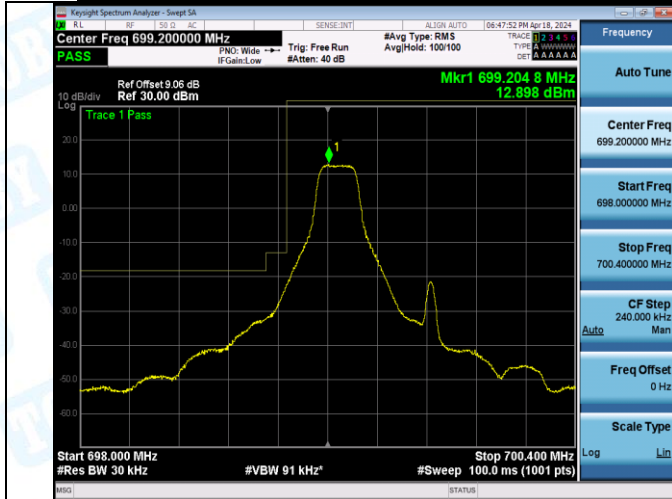
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Level_dBm | Margin | Verdict |
|--------|-----------|------------|---------|------------------|-----------|--------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | -22.23    | 9.23   | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | -50.33    | 32.13  | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | -33.96    | 15.76  | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | -49.37    | 31.17  | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | -22.18    | 9.18   | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | -33.19    | 14.99  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | -23.02    | 10.02  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | -51.59    | 33.39  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | -32.85    | 14.65  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | -51.19    | 32.99  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | -23.73    | 10.73  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | -32.42    | 14.22  | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | -17.21    | 4.21   | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#14           | -47.46    | 29.26  | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | -28.42    | 15.42  | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | -46.95    | 28.75  | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#14           | -16.75    | 3.75   | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | -28.64    | 15.64  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | -18.02    | 5.02   | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#14           | -48.32    | 30.12  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | -28.54    | 15.54  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#0            | -48.15    | 29.95  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#14           | -18.91    | 5.91   | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | -34.19    | 15.99  | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | -23.24    | 5.04   | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#24           | -55.23    | 37.03  | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | -35.87    | 17.67  | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | -55.19    | 36.99  | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#24           | -18.68    | 5.68   | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | -35.81    | 17.61  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | -25.07    | 6.87   | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#24           | -55.89    | 37.69  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | -35.62    | 17.42  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#0            | -55.47    | 37.27  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#24           | -25.32    | 7.12   | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | -35.43    | 17.23  | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | -22.65    | 4.45   | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#49           | -53.15    | 34.95  | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | -36.65    | 18.45  | PASS    |

|        |       |       |       |        |        |       |      |
|--------|-------|-------|-------|--------|--------|-------|------|
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | -53.21 | 35.01 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | -22.68 | 4.48  | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | -36.69 | 18.49 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | -23.57 | 5.37  | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | -53.86 | 35.66 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | -53.71 | 35.51 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | -23.96 | 5.76  | PASS |

## Test Graphs





Band12\_1.4MHz\_16QAM\_23017\_6RB#0



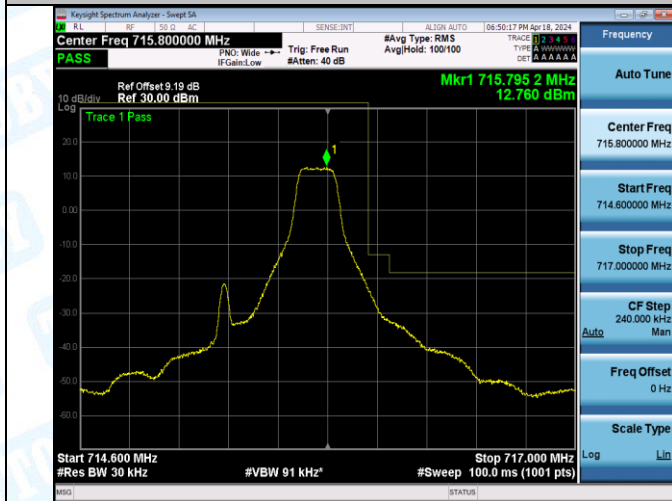
Band12\_1.4MHz\_16QAM\_23173\_1RB#0



Band12\_1.4MHz\_16QAM\_23173\_1RB#5



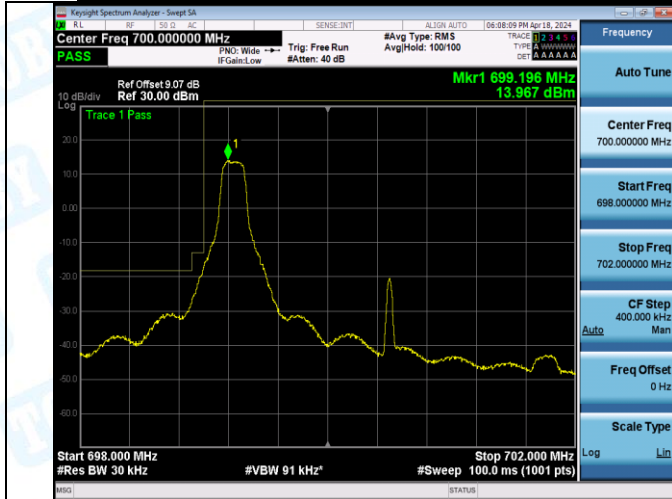
Band12\_1.4MHz\_16QAM\_23173\_6RB#0



Band12\_3MHz\_QPSK\_23025\_1RB#0



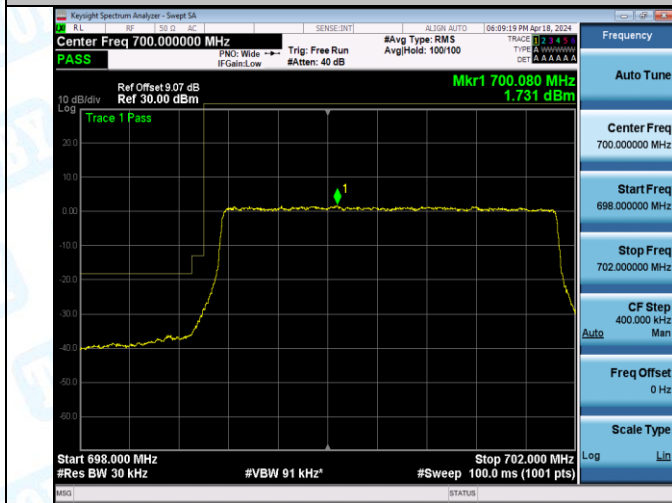
Band12\_3MHz\_QPSK\_23025\_1RB#14



Band12\_3MHz\_QPSK\_23025\_15RB#0



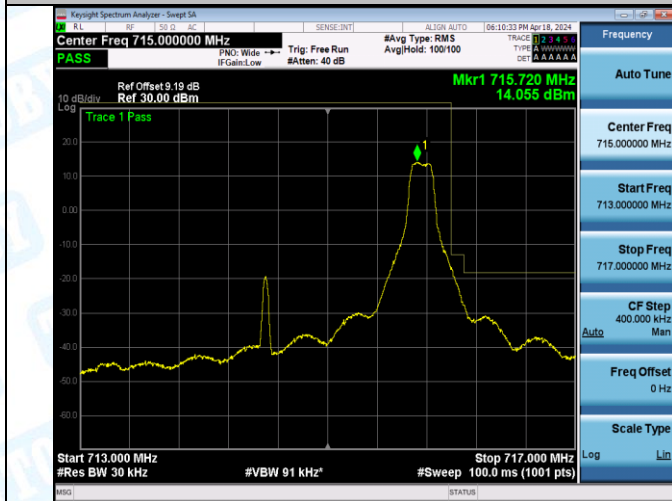
Band12\_3MHz\_QPSK\_23165\_1RB#0



Band12\_3MHz\_QPSK\_23165\_1RB#14



Band12\_3MHz\_QPSK\_23165\_15RB#0



Band12\_3MHz\_16QAM\_23025\_1RB#0



Band12\_3MHz\_16QAM\_23025\_1RB#14