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## **Appendix for LTE Band 17**

**Applicant: UCLOUDLINK (SINGAPORE) PTE.LTD**

**Address: 80 ROBINSON ROAD #02-00 SINGAPORE**

**Product Name: Smart Travel Adapter**

**Model: GLMX23A04**

**FCC ID: 2BB6E-GLMX23A04**

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# 1 Summary of Test Results Data and Graph

## 1.1. Appendix A: Conducted Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)  | Verdict |
|--------|-----------|------------|---------|------------------|--------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 23.22        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 21.09        | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#12           | <b>23.14</b> | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#12           | 21.16        | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#24           | 22.98        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#24           | 21.65        | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 12RB#0           | 21.99        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 12RB#0           | 20.84        | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 12RB#6           | 21.97        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 12RB#6           | 20.84        | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 12RB#13          | 22.42        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 12RB#13          | 21.35        | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 21.92        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 20.92        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#0            | 22.78        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#0            | 22.48        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#12           | 22.87        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#12           | 21.87        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#24           | 22.84        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#24           | 21.79        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 12RB#0           | 22.32        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 12RB#0           | 21.44        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 12RB#6           | 22.36        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 12RB#6           | 21.37        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 12RB#13          | 21.77        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 12RB#13          | 20.60        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 21.85        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 20.76        | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | 22.75        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | 21.23        | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#12           | 22.71        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#12           | 21.26        | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#24           | 22.63        | PASS    |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#24  | 21.27 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#0  | 21.77 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#0  | 20.41 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#6  | 21.69 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#6  | 20.49 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#13 | 21.73 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#13 | 20.43 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 25RB#0  | 21.72 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0  | 20.63 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0   | 20.91 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0   | 19.95 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#24  | 21.48 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#24  | 21.10 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#49  | 22.22 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#49  | 21.14 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#0  | 20.27 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#0  | 19.26 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#12 | 20.33 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#12 | 19.31 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#25 | 20.88 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#25 | 19.58 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0  | 21.12 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0  | 19.98 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0   | 21.33 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0   | 19.85 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#24  | 21.96 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#24  | 20.54 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#49  | 22.54 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#49  | 20.92 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#0  | 20.94 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#0  | 20.01 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#12 | 20.90 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#12 | 19.90 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#25 | 20.97 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#25 | 19.97 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0  | 20.67 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0  | 19.65 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0   | 21.54 | PASS |

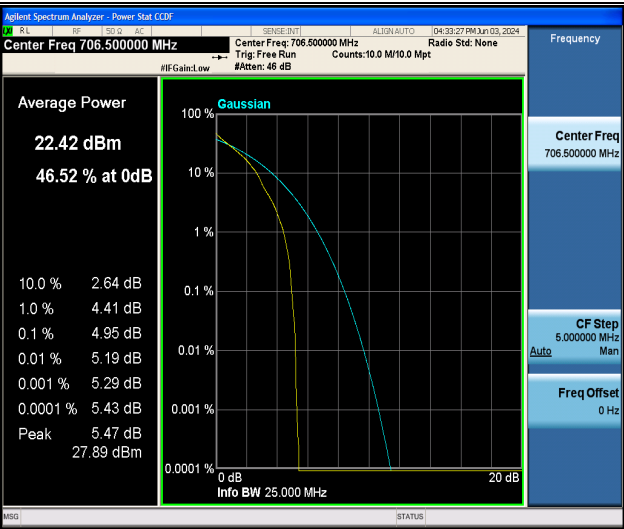
|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0   | 20.70 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#24  | 21.79 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#24  | 21.46 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#49  | 22.33 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#49  | 21.84 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#0  | 21.03 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#0  | 20.11 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#12 | 20.95 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#12 | 20.08 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#25 | 21.07 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#25 | 20.13 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0  | 20.74 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0  | 19.70 | PASS |

## 1.2. Appendix B: Peak-to-Average Ratio(CCDF)

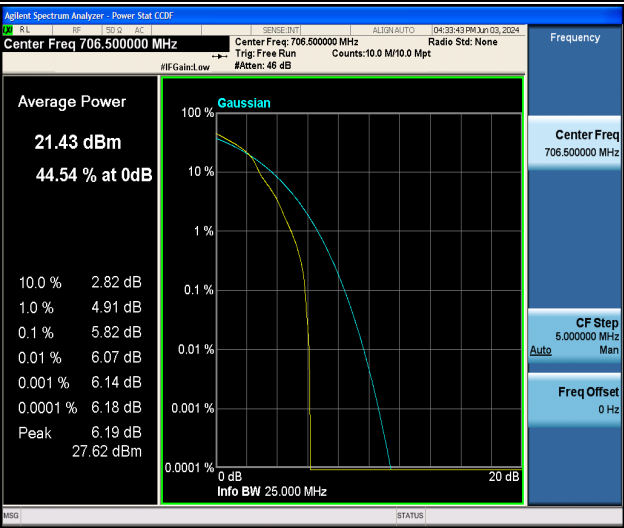
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 4.95       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 5.82       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 5.38       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 6.21       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#0            | 4.58       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#0            | 5.42       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 5.54       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 6.37       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | 5.08       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | 6.09       | 13        | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 5.46       | 13        | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 6.27       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 1RB#0            | 4.77       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 1RB#0            | 5.49       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 5.36       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0           | 6.20       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 1RB#0            | 4.69       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 1RB#0            | 5.67       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0           | 5.55       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 50RB#0           | 6.35       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 1RB#0            | 4.58       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 1RB#0            | 5.71       | 13        | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0           | 5.50       | 13        | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0           | 6.33       | 13        | PASS    |

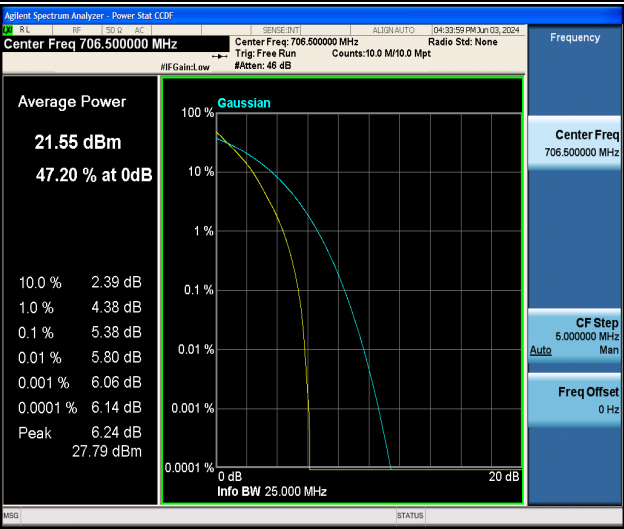
Test Graphs



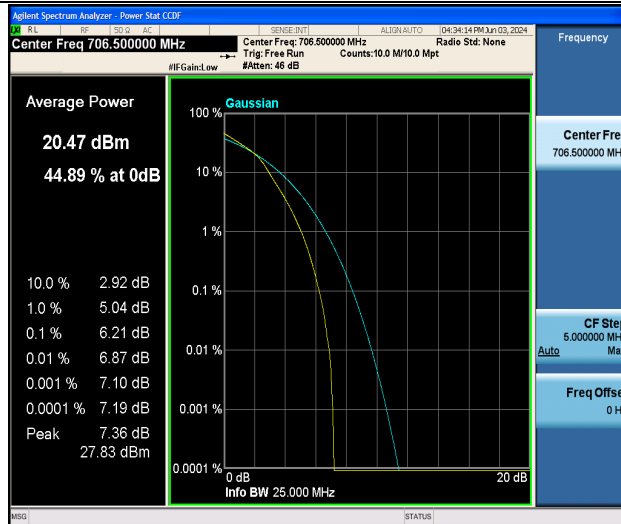
Band17-5MHz-QPSK-23755-1RB#0-PASS



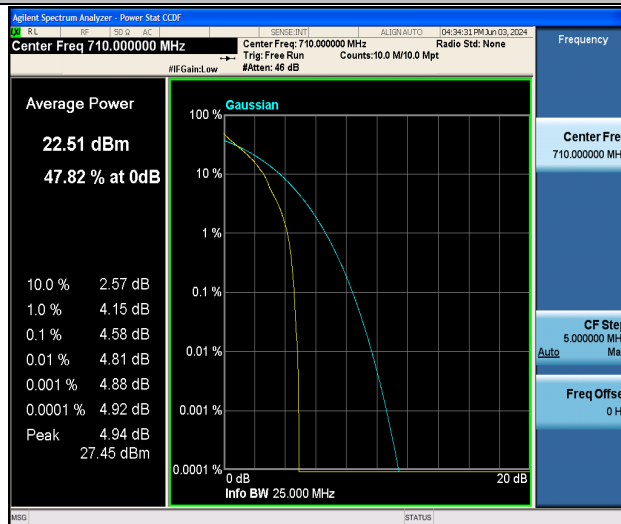
Band17-5MHz-16QAM-23755-1RB#0-PASS



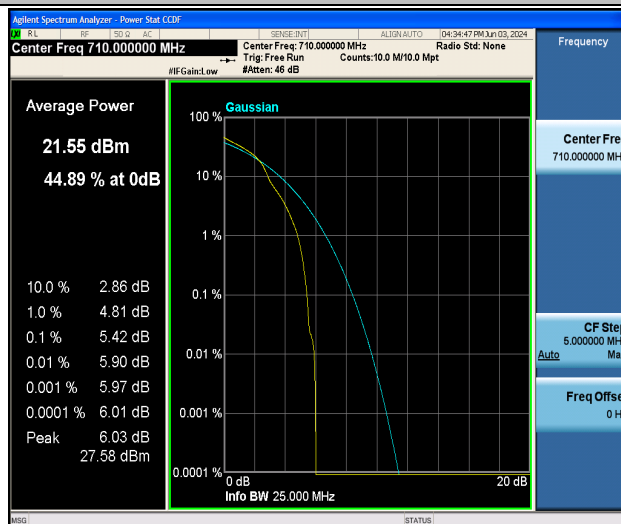
Band17-5MHz-QPSK-23755-25RB#0-PASS



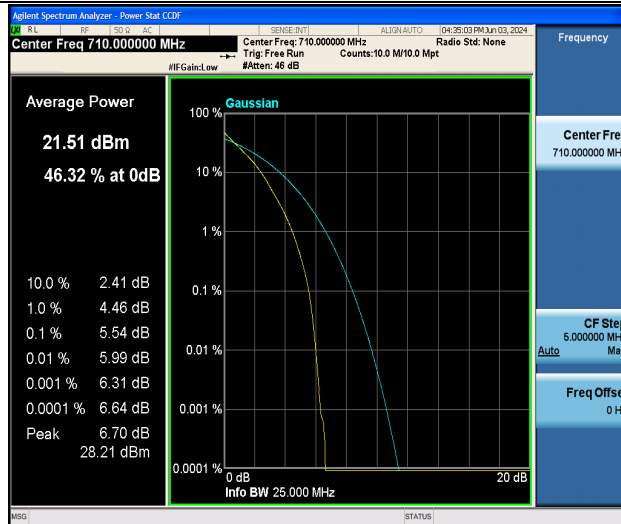
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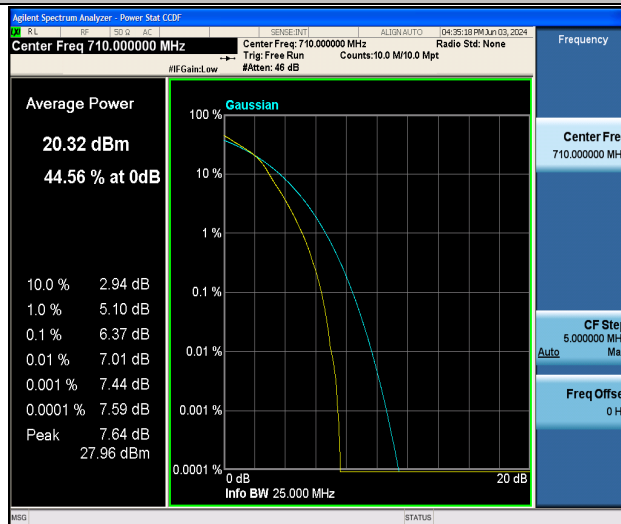
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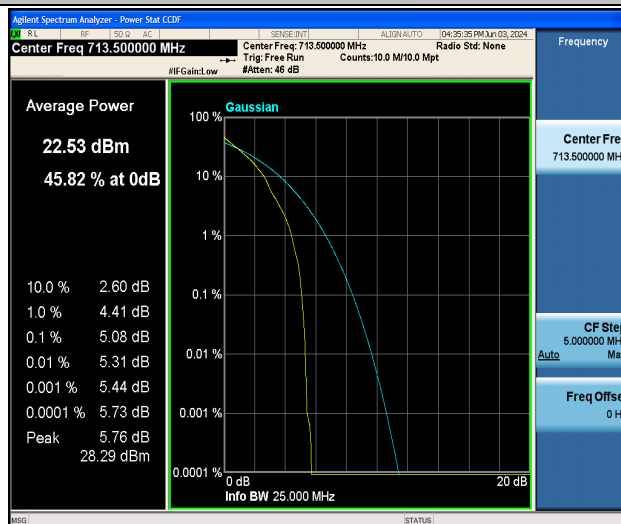
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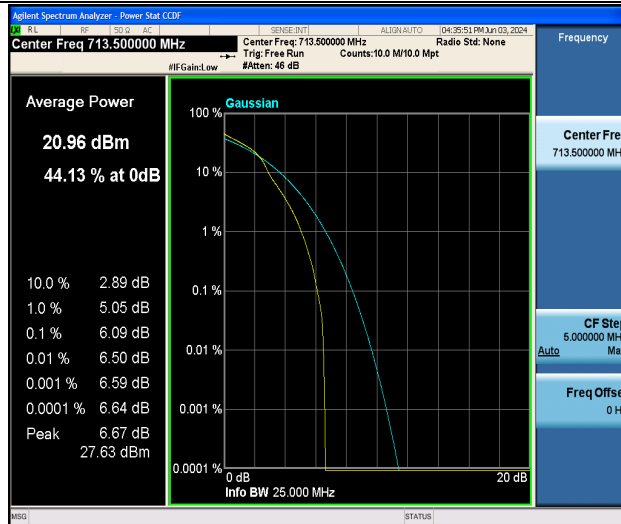
Band17-5MHz-QPSK-23790-25RB#0-PASS



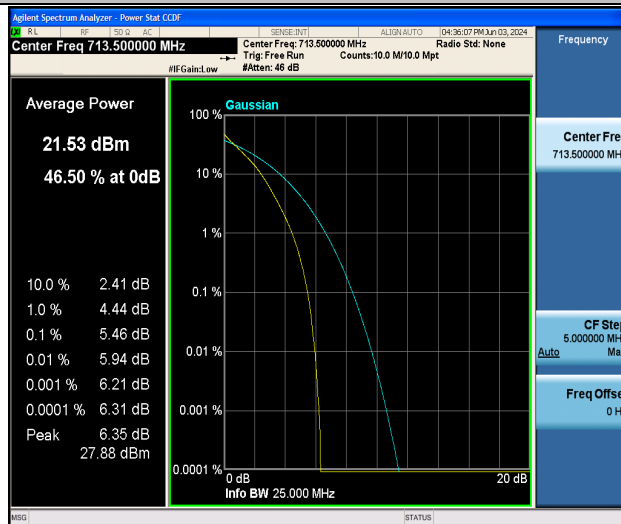
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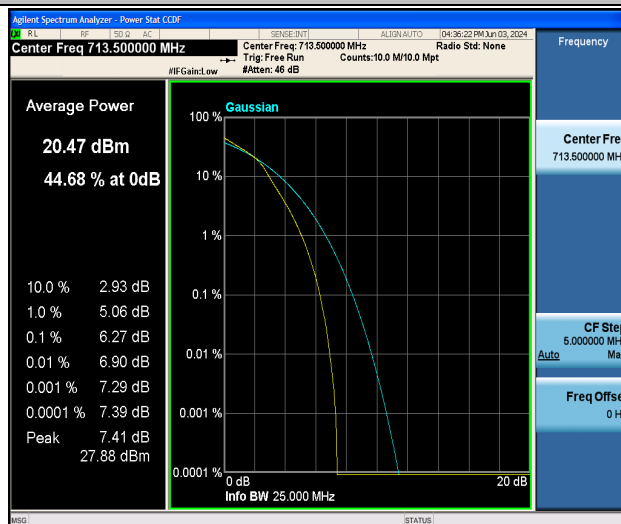
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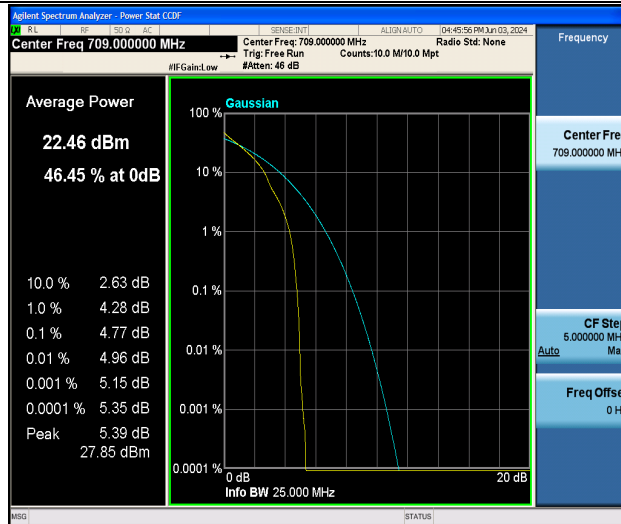
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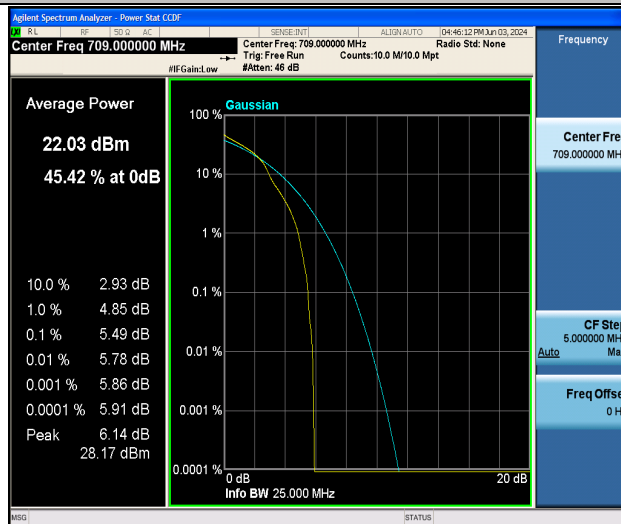
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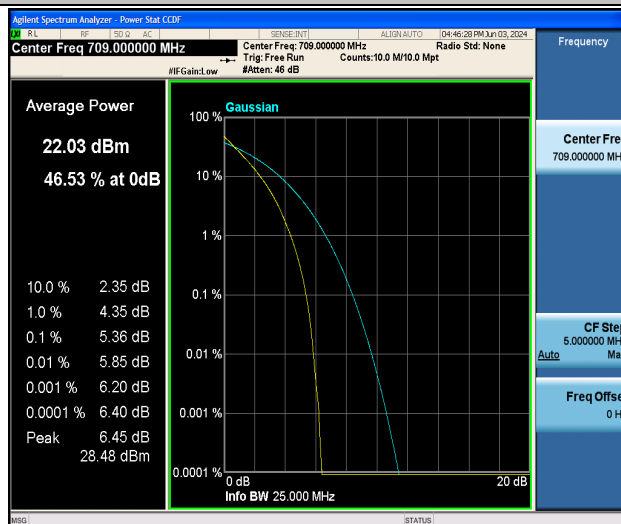
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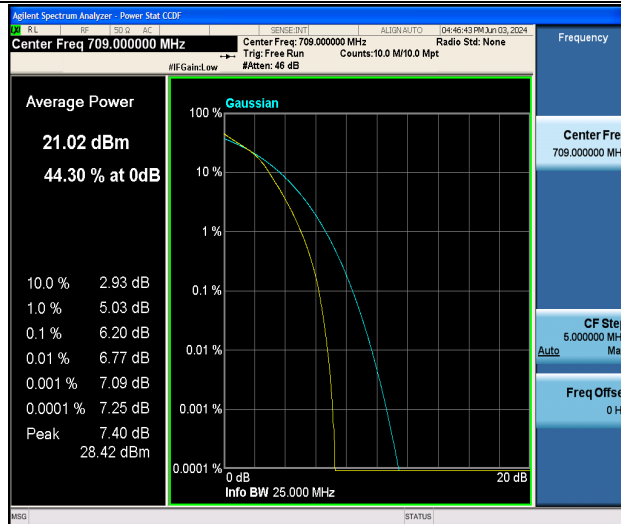
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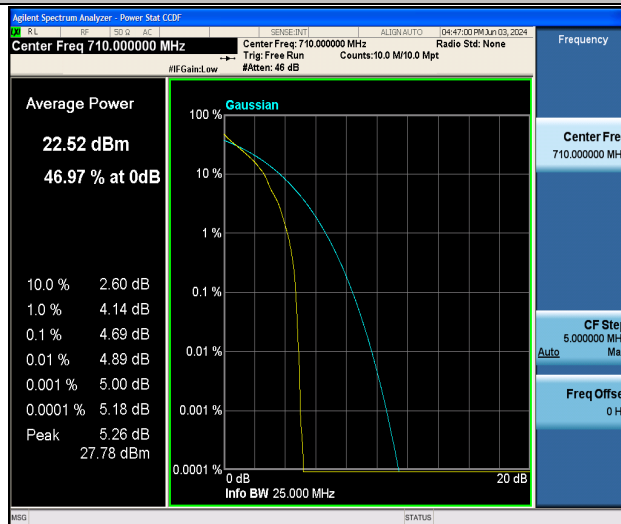
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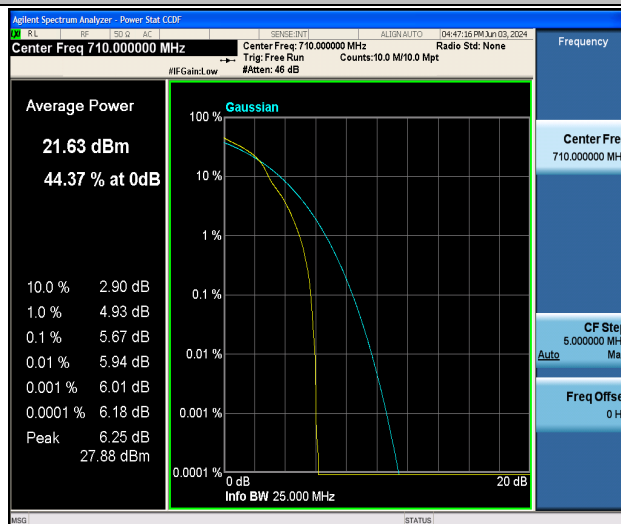
Band17-10MHz-QPSK-23780-50RB#0-PASS



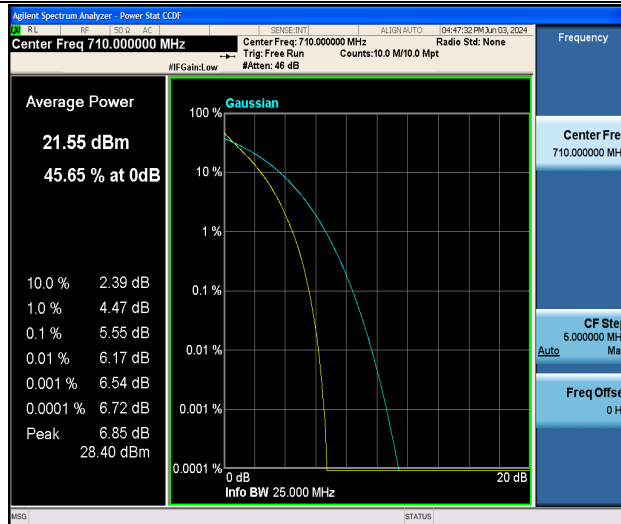
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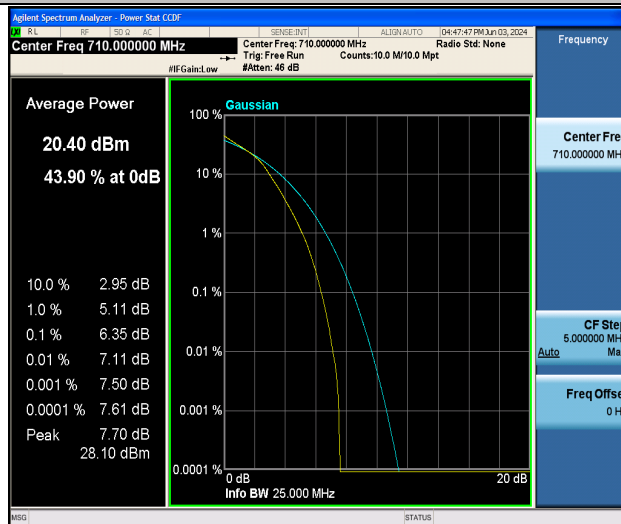
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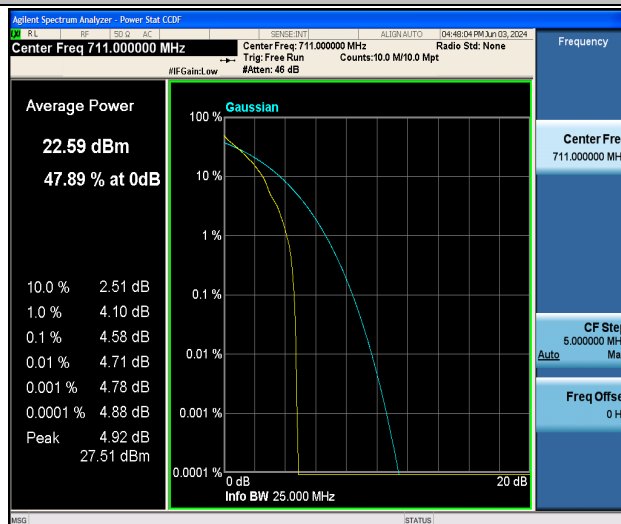
### Band17-10MHz-16QAM-23790-1RB#0-PASS



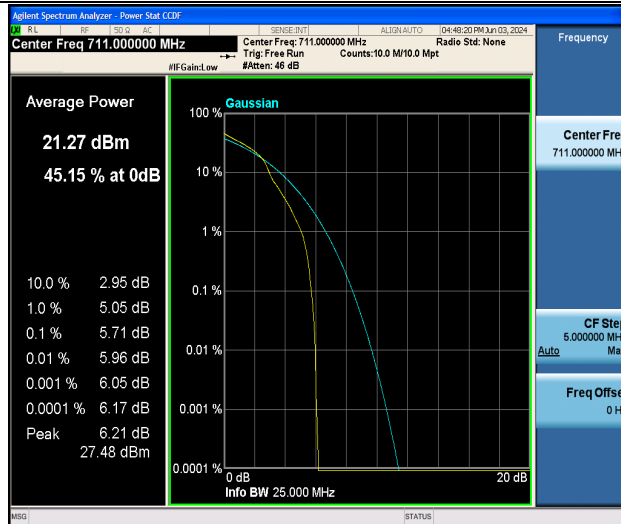
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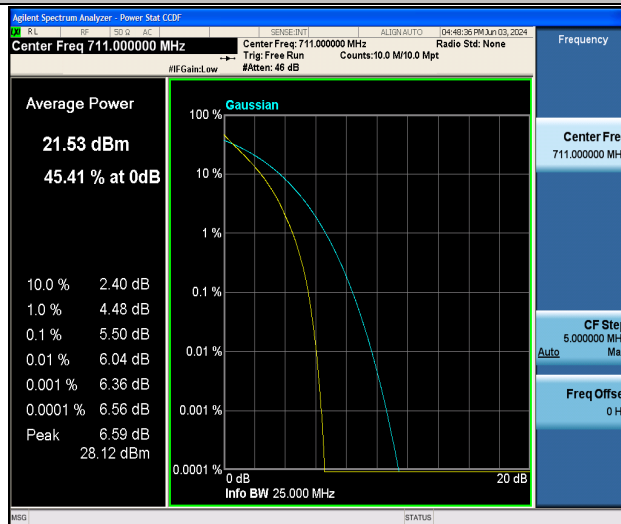
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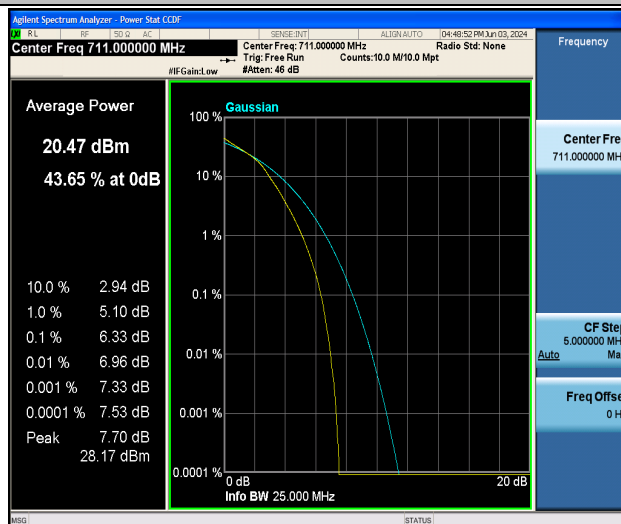
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Band17-10MHz-16QAM-23800-1RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS



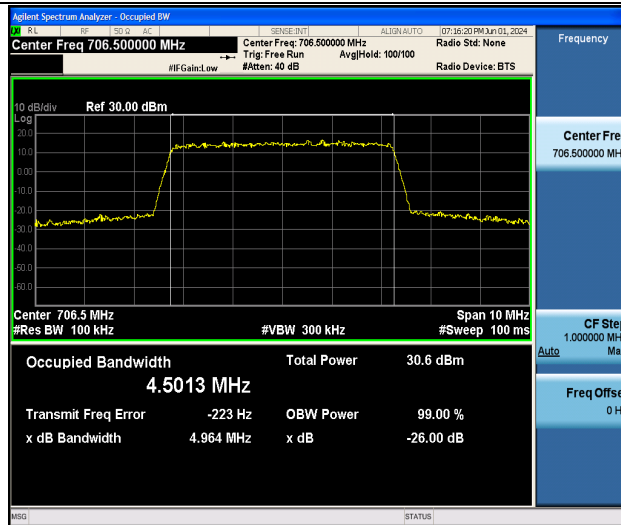
Band17-10MHz-16QAM-23800-50RB#0-PASS

### 1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

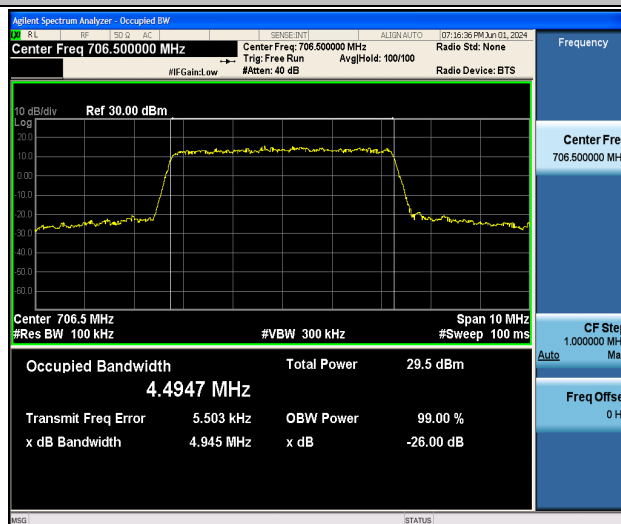
#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | 4.5013                   | 4.964                | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | 4.4947                   | 4.945                | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 25RB#0           | 4.5029                   | 4.938                | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 25RB#0           | 4.5114                   | 4.981                | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | 4.5164                   | 4.992                | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | 4.5333                   | 5.014                | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | 8.9718                   | 9.875                | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0           | 8.9597                   | 9.886                | PASS    |
| Band17 | 10MHz     | QPSK       | 23790   | 50RB#0           | 8.9933                   | 9.931                | PASS    |
| Band17 | 10MHz     | 16QAM      | 23790   | 50RB#0           | 8.9885                   | 9.912                | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0           | 8.9836                   | 9.872                | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0           | 9.0185                   | 9.901                | PASS    |

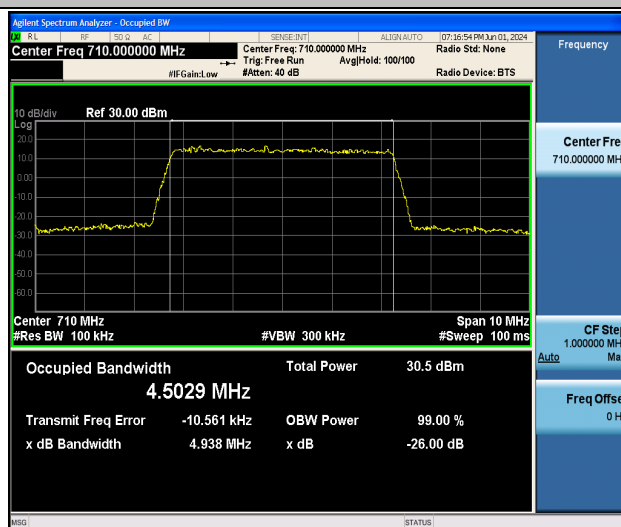
## Test Graphs



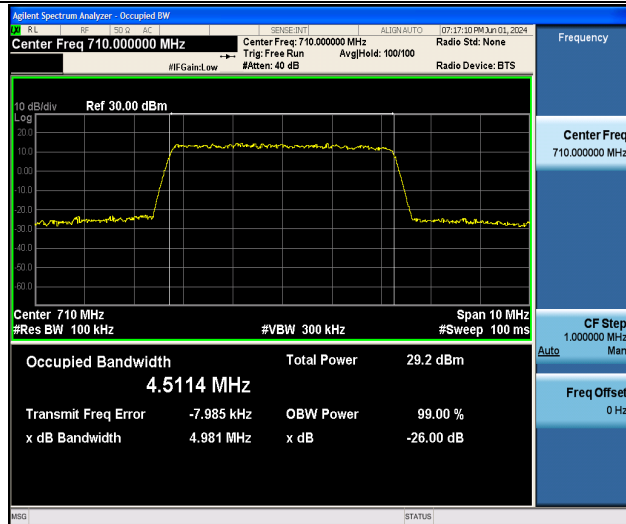
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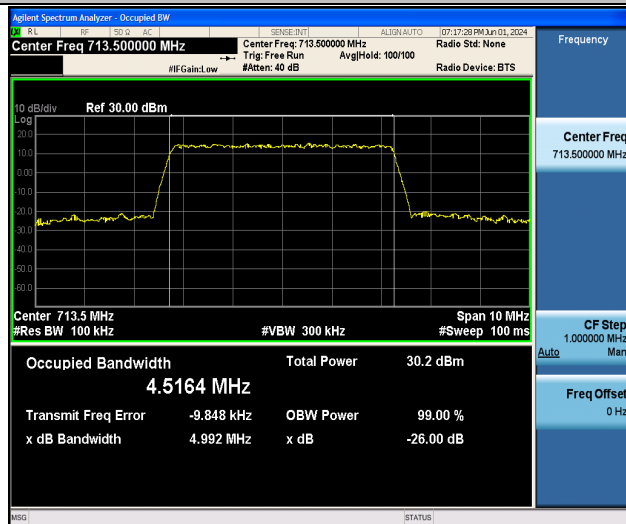
Band17-5MHz-16QAM-23755-25RB#0-PASS



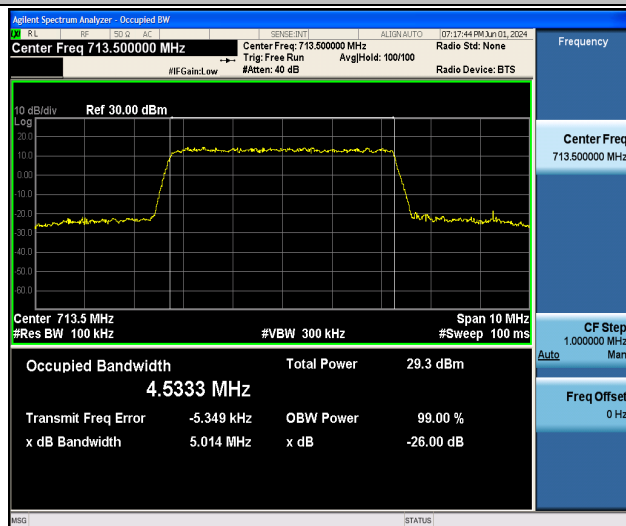
Band17-5MHz-QPSK-23790-25RB#0-PASS



### Band17-5MHz-16QAM-23790-25RB#0-PASS



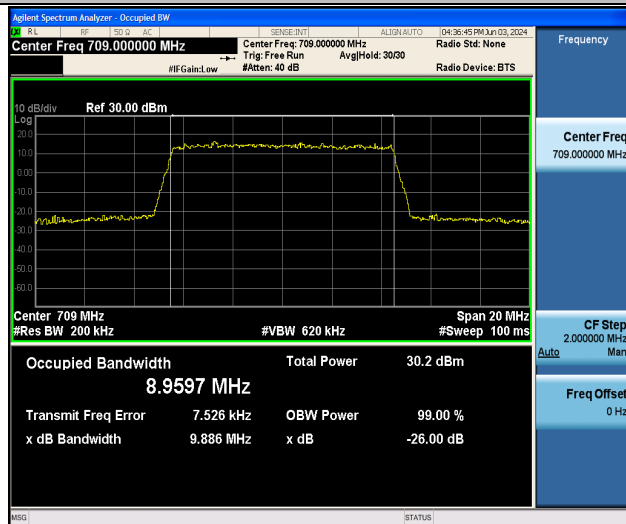
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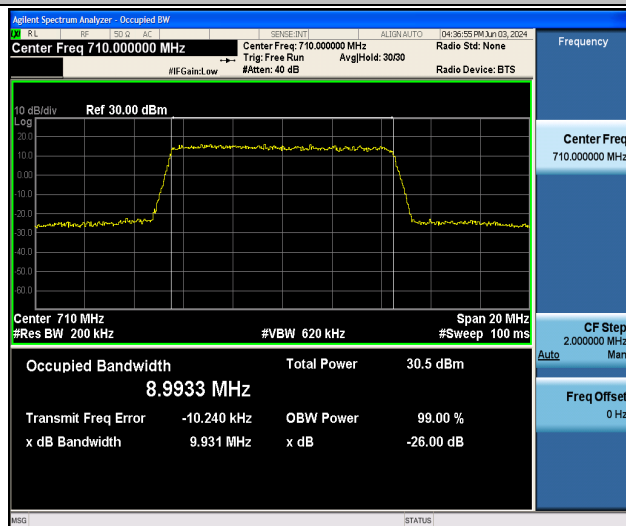
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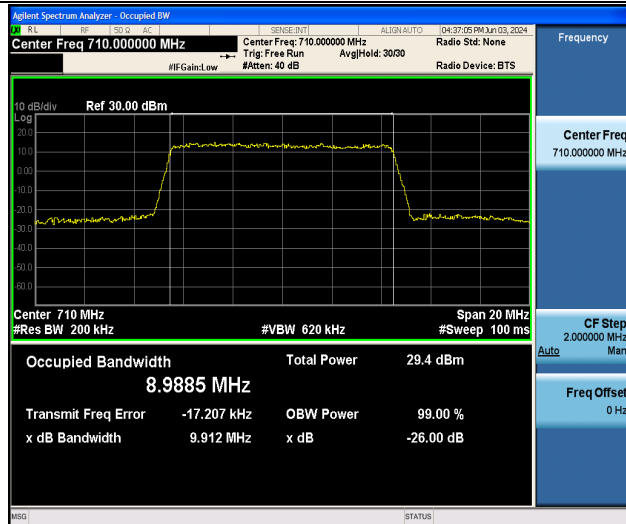
### Band17-10MHz-QPSK-23780-50RB#0-PASS



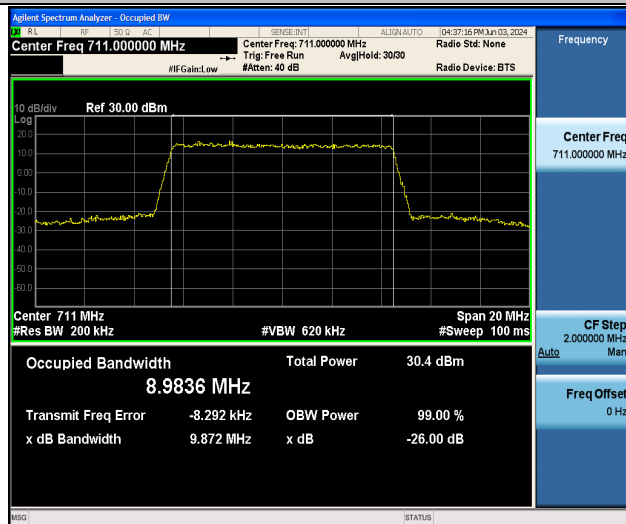
### Band17-10MHz-16QAM-23780-50RB#0-PASS



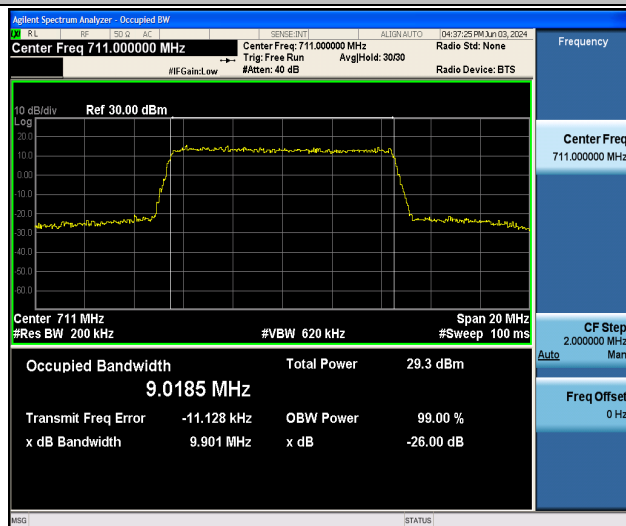
### Band17-10MHz-QPSK-23790-50RB#0-PASS



Band17-10MHz-16QAM-23790-50RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS



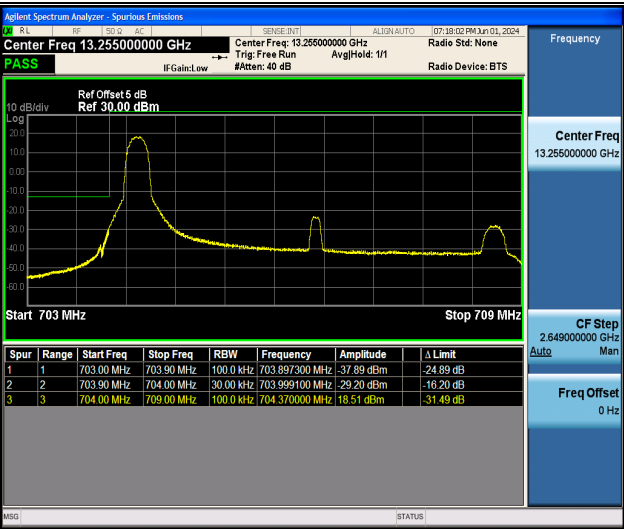
Band17-10MHz-16QAM-23800-50RB#0-PASS

## 1.4. Appendix D: Band Edge

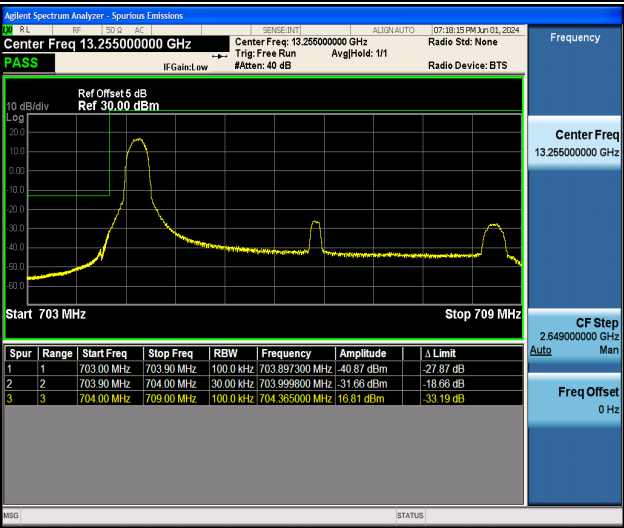
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | -29.20      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | -31.66      | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#24           | -46.96      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#24           | -48.06      | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 25RB#0           | -34.27      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 25RB#0           | -34.83      | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | -45.03      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | -48.10      | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#24           | -27.35      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#24           | -28.49      | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 25RB#0           | -34.30      | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 25RB#0           | -34.55      | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 1RB#0            | -36.32      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 1RB#0            | -36.90      | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 1RB#49           | -52.00      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 1RB#49           | -52.64      | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 50RB#0           | -37.74      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23780   | 50RB#0           | -38.40      | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 1RB#0            | -53.07      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 1RB#0            | -53.48      | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 1RB#49           | -34.34      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 1RB#49           | -35.50      | PASS    |
| Band17 | 10MHz     | QPSK       | 23800   | 50RB#0           | -38.42      | PASS    |
| Band17 | 10MHz     | 16QAM      | 23800   | 50RB#0           | -38.17      | PASS    |

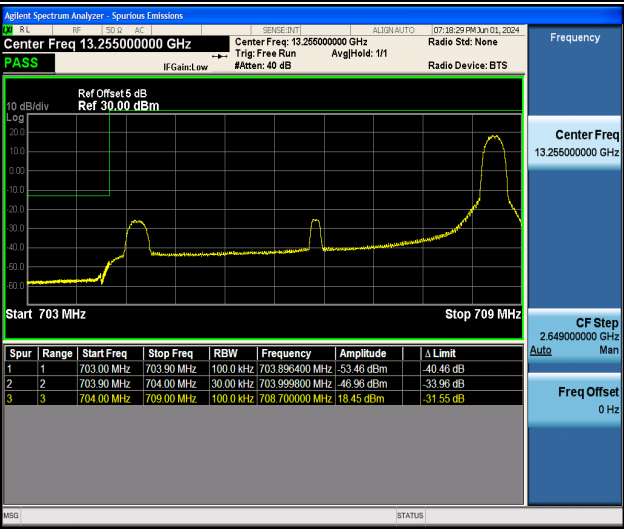
Test Graphs



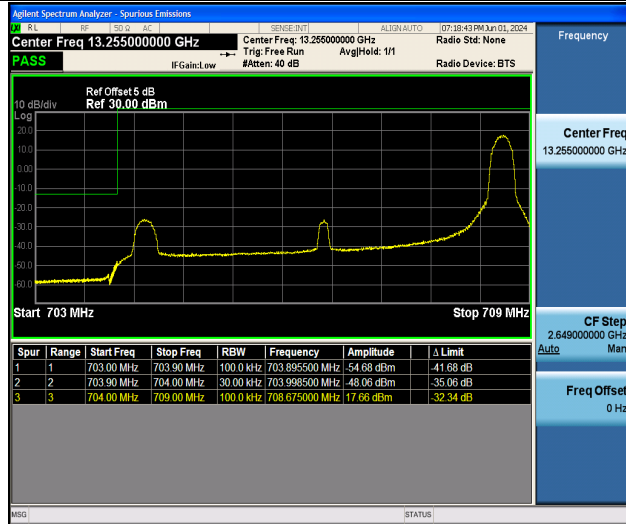
Band17\_5MHz\_QPSK\_23755\_1RB#0



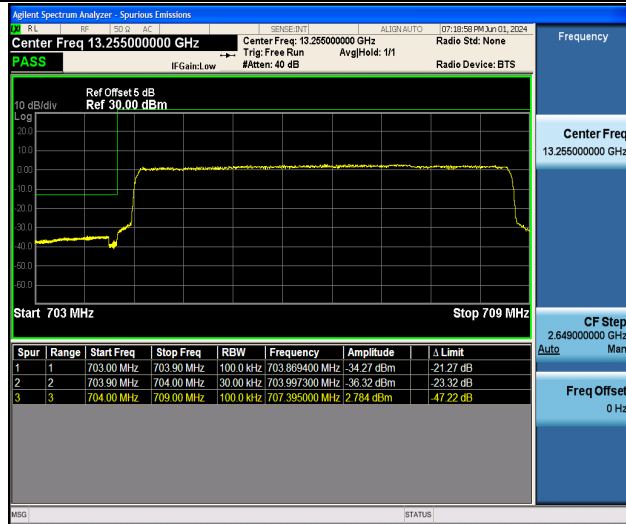
Band17\_5MHz\_16QAM\_23755\_1RB#0



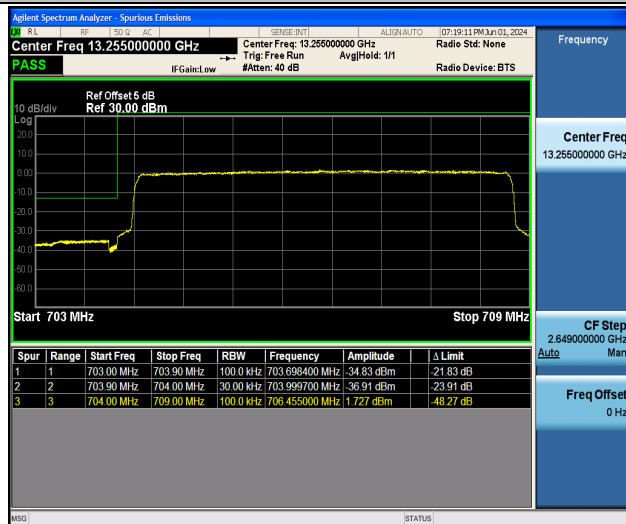
Band17\_5MHz\_QPSK\_23755\_1RB#24



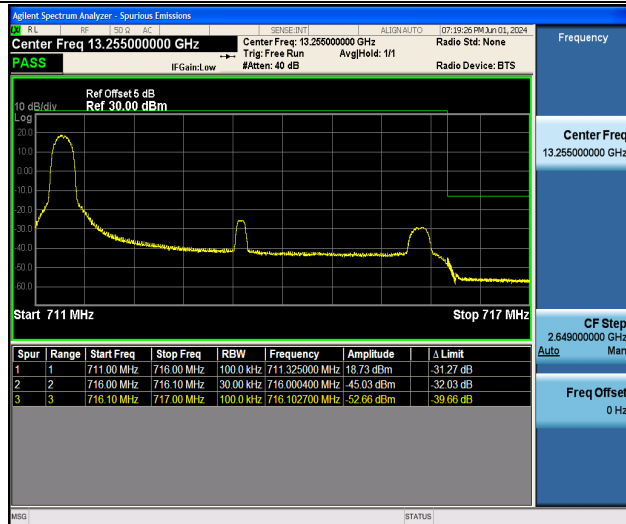
Band17\_5MHz\_16QAM\_23755\_1RB#24



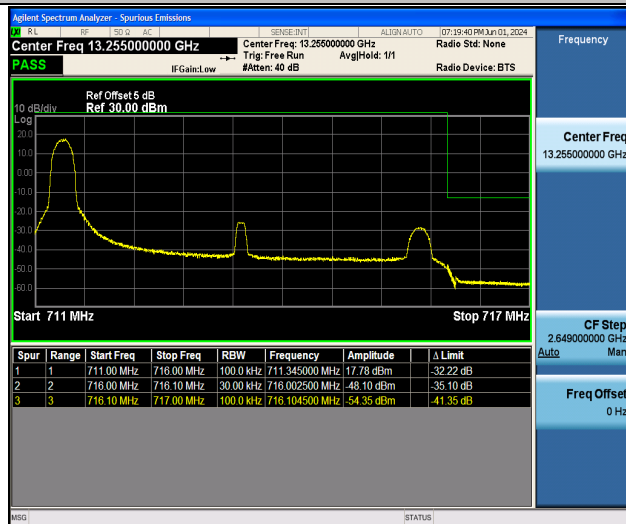
Band17\_5MHz\_QPSK\_23755\_25RB#0



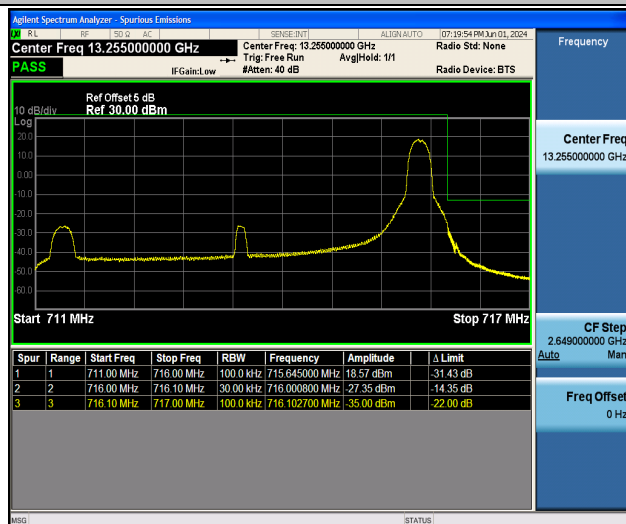
Band17\_5MHz\_16QAM\_23755\_25RB#0



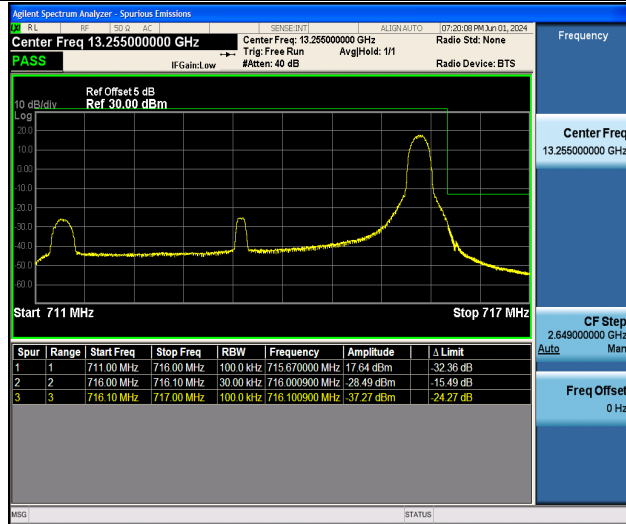
Band17\_5MHz\_QPSK\_23825\_1RB#0



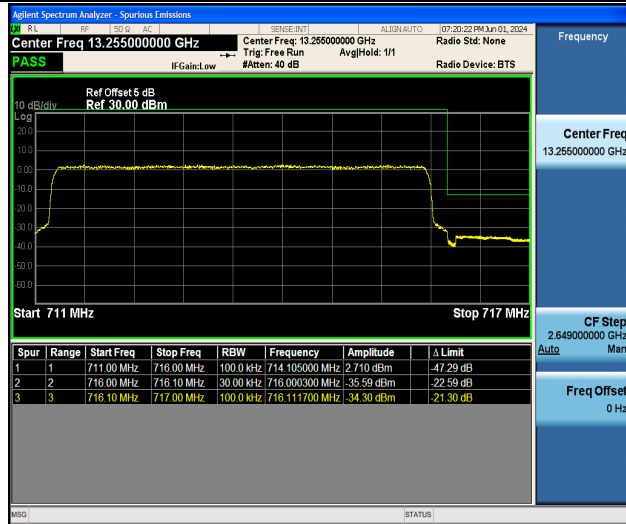
Band17\_5MHz\_16QAM\_23825\_1RB#0



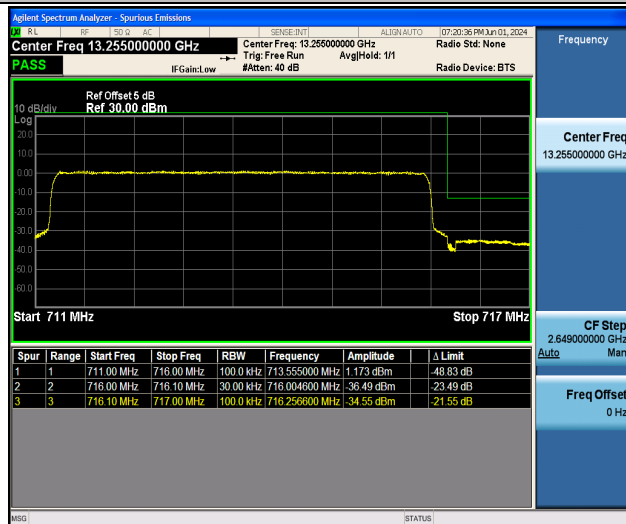
Band17\_5MHz\_QPSK\_23825\_1RB#24



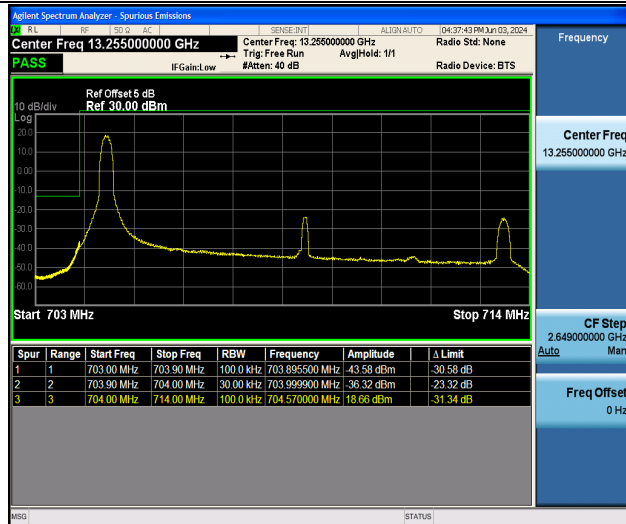
Band17\_5MHz\_16QAM\_23825\_1RB#24



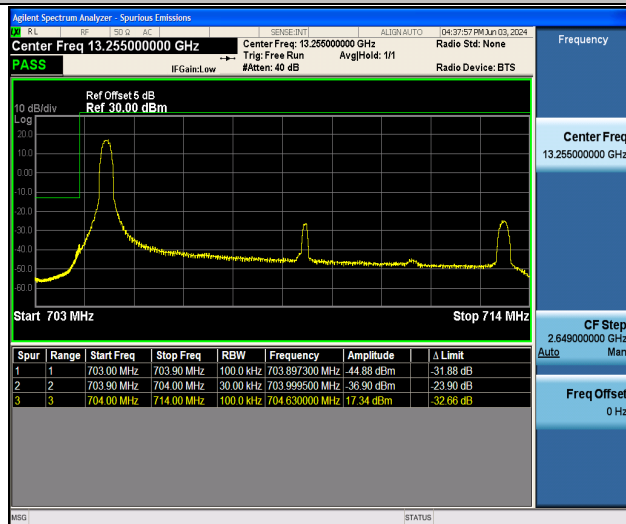
Band17\_5MHz\_QPSK\_23825\_25RB#0



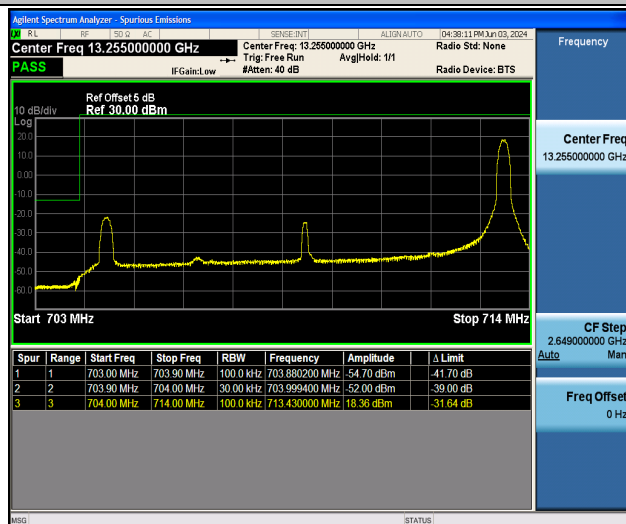
Band17\_5MHz\_16QAM\_23825\_25RB#0



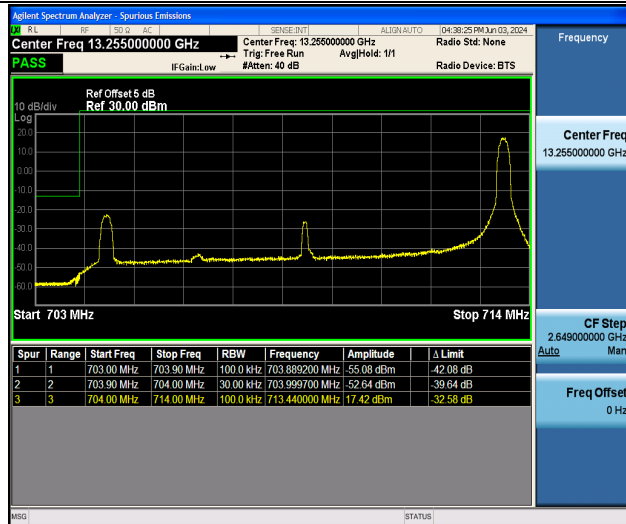
### Band17\_10MHz\_QPSK\_23780\_1RB#0



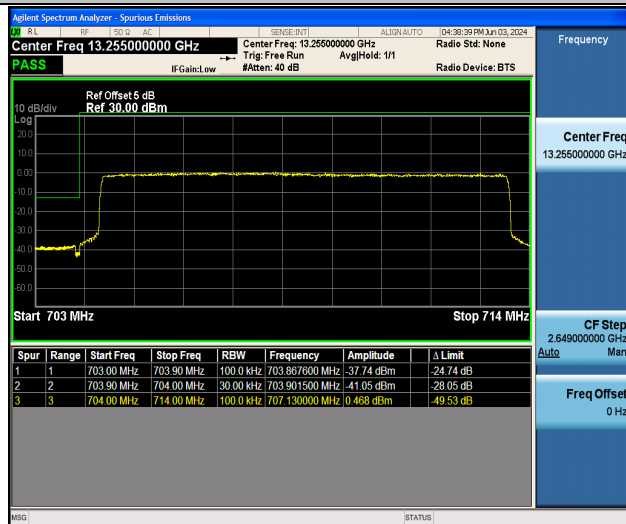
### Band17\_10MHz\_16QAM\_23780\_1RB#0



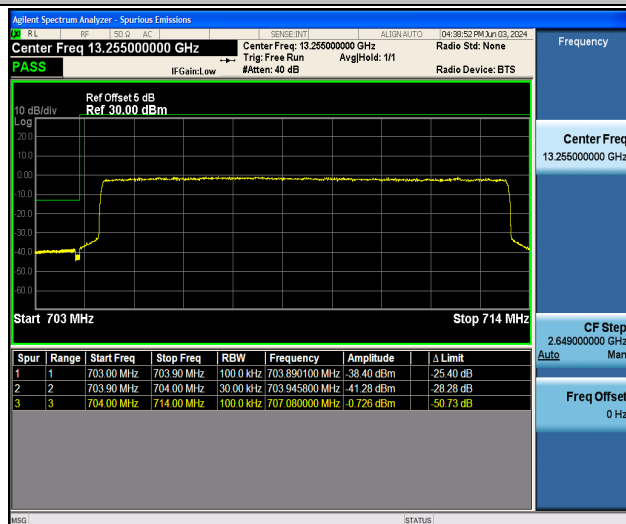
### Band17\_10MHz\_QPSK\_23780\_1RB#49



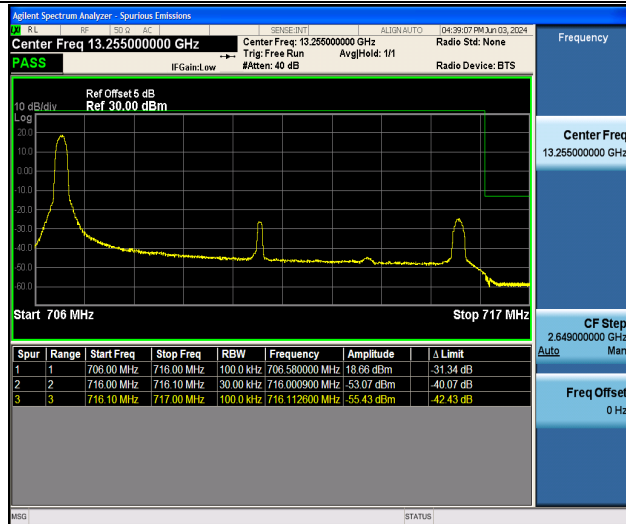
Band17\_10MHz\_16QAM\_23780\_1RB#49



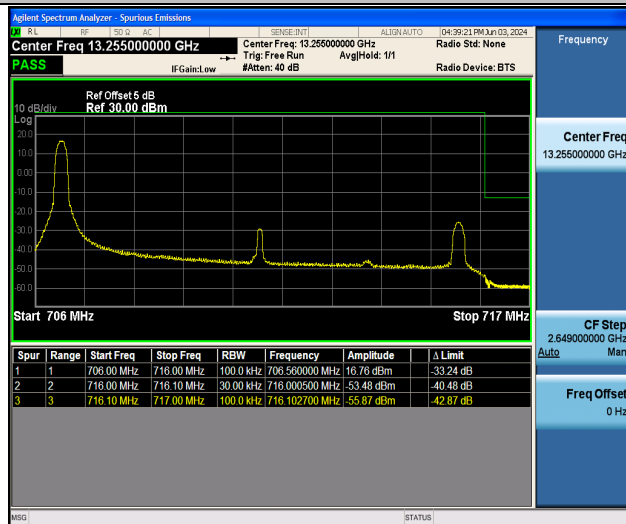
Band17\_10MHz\_QPSK\_23780\_50RB#0



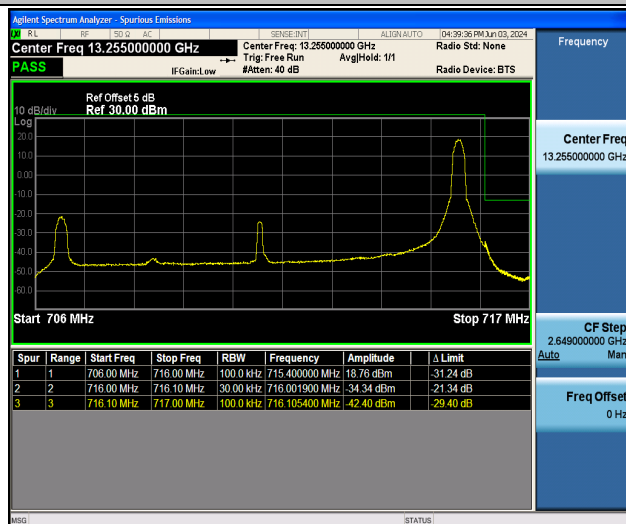
Band17\_10MHz\_16QAM\_23780\_50RB#0



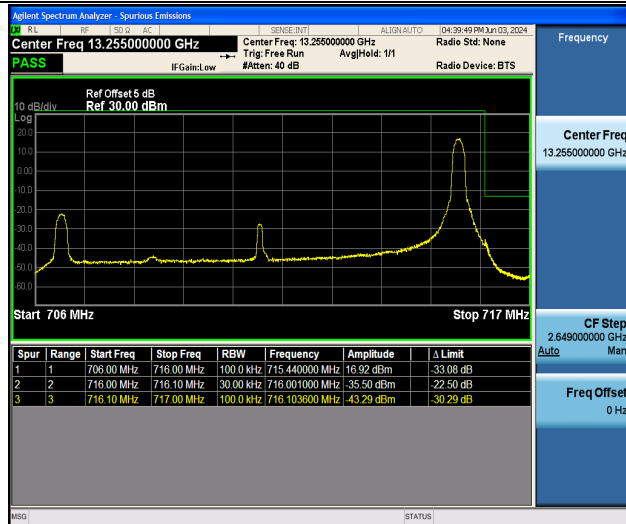
Band17\_10MHz\_QPSK\_23800\_1RB#0



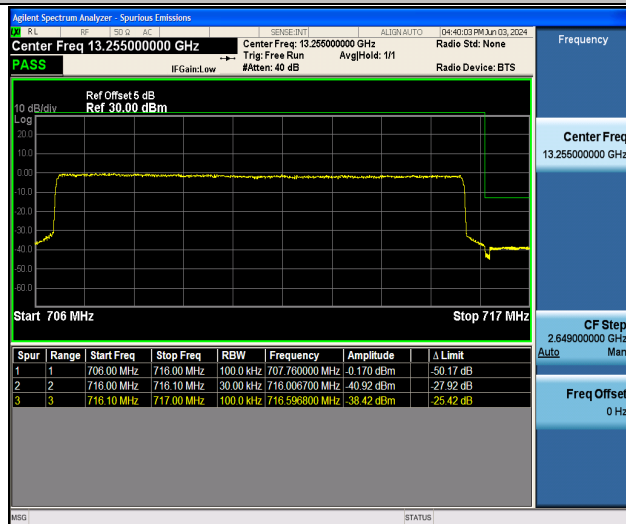
Band17\_10MHz\_16QAM\_23800\_1RB#0



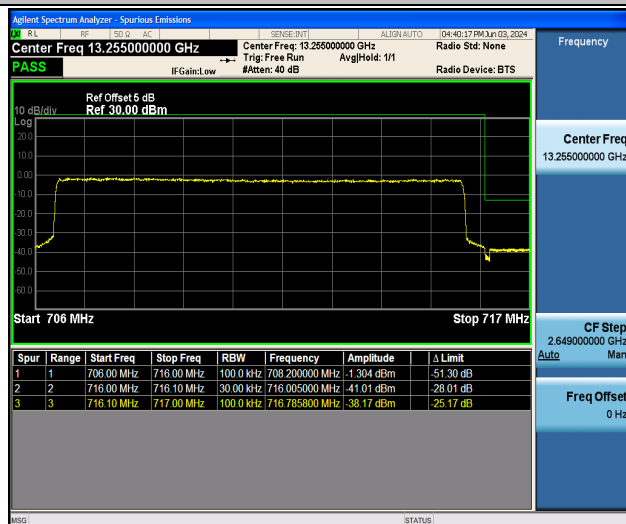
Band17\_10MHz\_QPSK\_23800\_1RB#49



Band17\_10MHz\_16QAM\_23800\_1RB#49



Band17\_10MHz\_QPSK\_23800\_50RB#0



Band17\_10MHz\_16QAM\_23800\_50RB#0

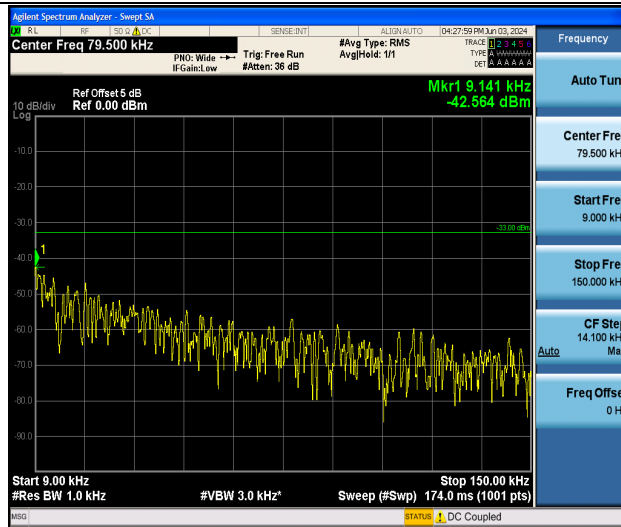
## 1.5. Appendix E: Conducted Spurious Emission

### Test Result

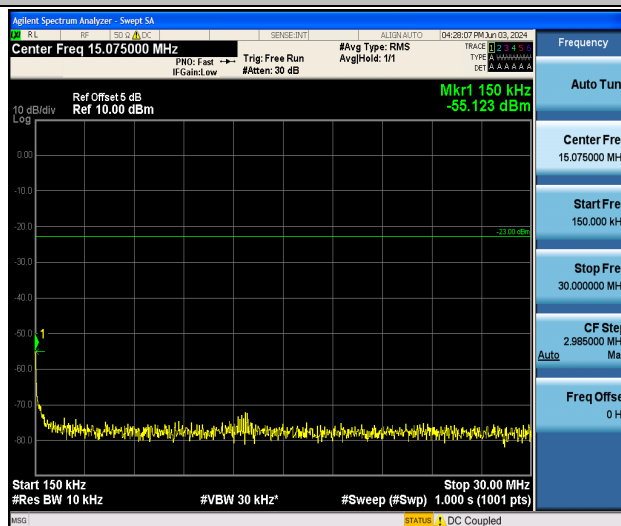
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 0.009~0.15      | -42.56       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 0.15~30         | -55.12       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 30~1000         | -63.48       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 1000~3000       | -28.77       | PASS    |
| Band17 | 5MHz      | QPSK       | 23755   | 1RB#0            | 3000~10000      | -40.71       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 0.009~0.15      | -43.47       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 0.15~30         | -54.15       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 30~1000         | -63.92       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 1000~3000       | -32.16       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23755   | 1RB#0            | 3000~10000      | -42.13       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#0            | 0.009~0.15      | -42.84       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#0            | 0.15~30         | -53.17       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#0            | 30~1000         | -64.30       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#0            | 1000~3000       | -30.83       | PASS    |
| Band17 | 5MHz      | QPSK       | 23790   | 1RB#0            | 3000~10000      | -40.96       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#0            | 0.009~0.15      | -40.75       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#0            | 0.15~30         | -53.12       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#0            | 30~1000         | -64.20       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#0            | 1000~3000       | -30.66       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23790   | 1RB#0            | 3000~10000      | -41.37       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | 0.009~0.15      | -39.84       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | 0.15~30         | -53.58       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | 30~1000         | -63.60       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | 1000~3000       | -30.96       | PASS    |
| Band17 | 5MHz      | QPSK       | 23825   | 1RB#0            | 3000~10000      | -41.62       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | 0.009~0.15      | -41.68       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | 0.15~30         | -54.46       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | 30~1000         | -64.49       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | 1000~3000       | -33.01       | PASS    |
| Band17 | 5MHz      | 16QAM      | 23825   | 1RB#0            | 3000~10000      | -44.45       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 1RB#0            | 0.009~0.15      | -41.71       | PASS    |
| Band17 | 10MHz     | QPSK       | 23780   | 1RB#0            | 0.15~30         | -54.64       | PASS    |

|        |       |       |       |       |            |        |      |
|--------|-------|-------|-------|-------|------------|--------|------|
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0 | 30~1000    | -64.36 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0 | 1000~3000  | -30.08 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0 | 3000~10000 | -40.66 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | 0.009~0.15 | -40.18 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | 0.15~30    | -54.62 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | 30~1000    | -64.31 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | 1000~3000  | -30.43 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0 | 3000~10000 | -40.62 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0 | 0.009~0.15 | -40.76 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0 | 0.15~30    | -54.34 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0 | 30~1000    | -64.48 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0 | 1000~3000  | -31.42 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0 | 3000~10000 | -41.03 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | 0.009~0.15 | -41.91 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | 0.15~30    | -53.38 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | 30~1000    | -64.23 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | 1000~3000  | -31.12 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0 | 3000~10000 | -40.53 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0 | 0.009~0.15 | -43.00 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0 | 0.15~30    | -55.38 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0 | 30~1000    | -64.46 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0 | 1000~3000  | -30.48 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0 | 3000~10000 | -42.13 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | 0.009~0.15 | -42.93 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | 0.15~30    | -54.23 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | 30~1000    | -64.95 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | 1000~3000  | -31.85 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0 | 3000~10000 | -43.76 | PASS |

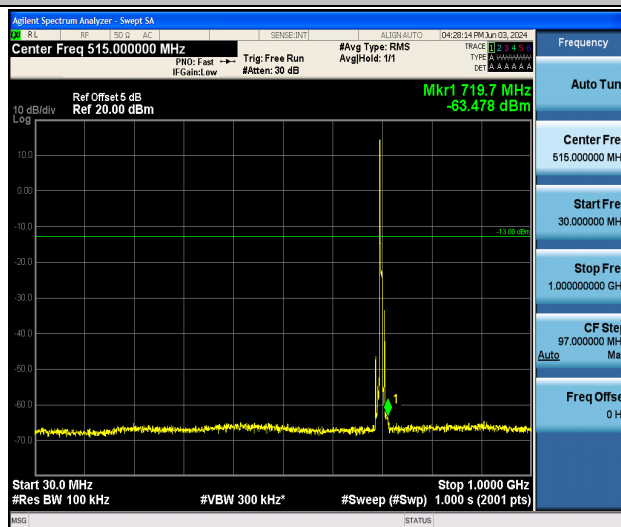
## Test Graphs



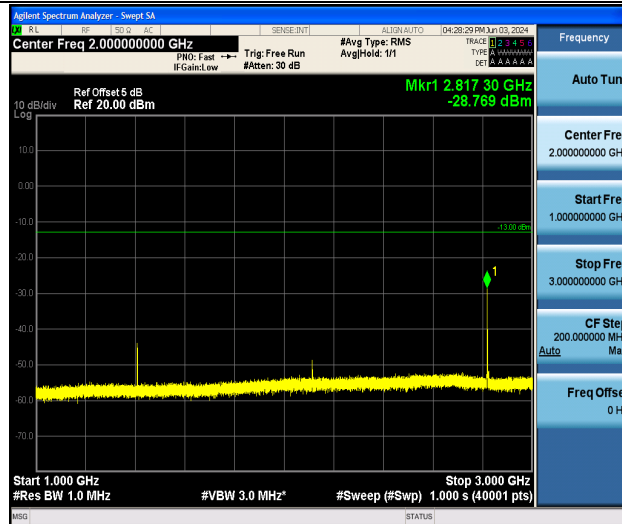
Band17\_5MHz\_QPSK\_23755\_1RB#0\_0.009~0.15\_0.009~0.15



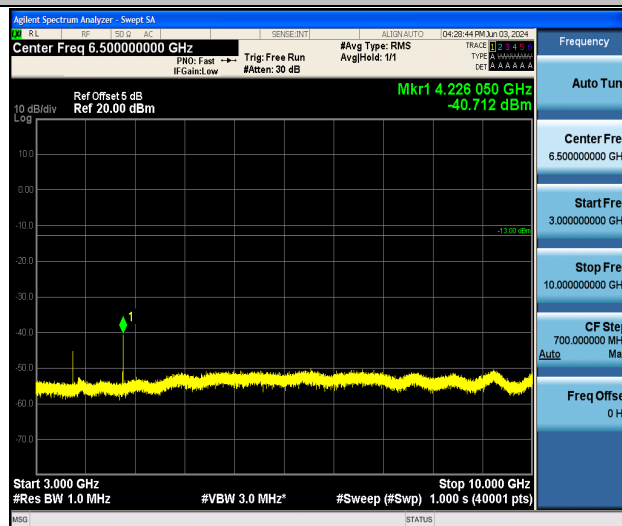
Band17\_5MHz\_QPSK\_23755\_1RB#0\_0.15~30\_0.15~30



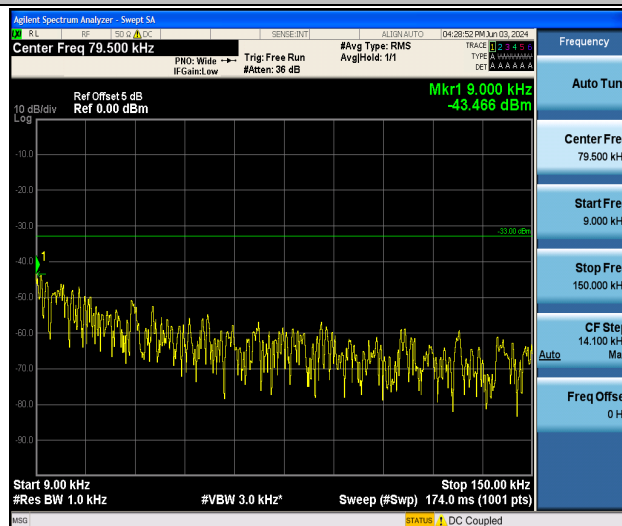
Band17\_5MHz\_QPSK\_23755\_1RB#0\_30~1000\_30~1000



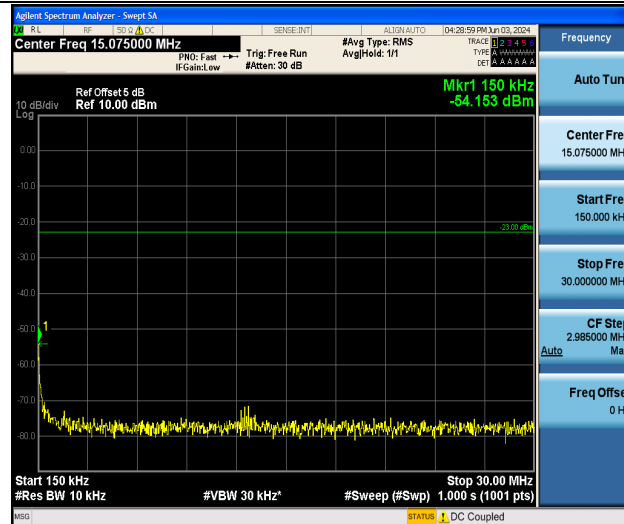
Band17\_5MHz\_QPSK\_23755\_1RB#0\_1000~3000\_1000~3000



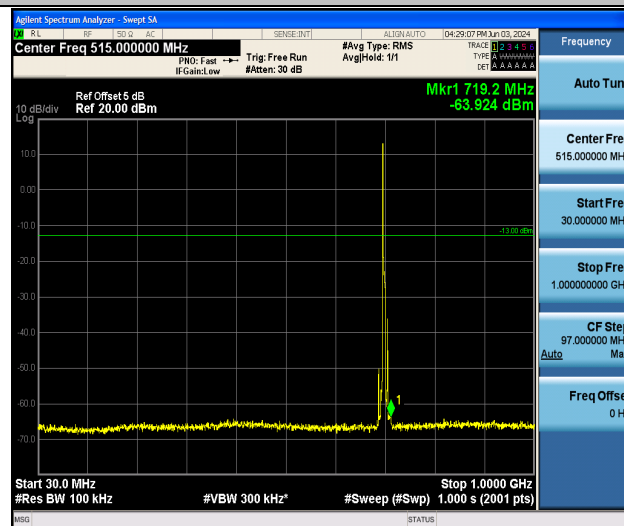
Band17\_5MHz\_QPSK\_23755\_1RB#0\_3000~10000\_3000~10000



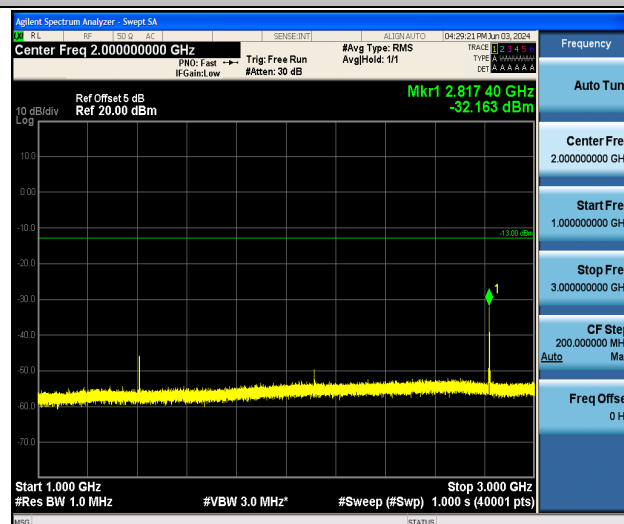
Band17\_5MHz\_16QAM\_23755\_1RB#0\_0.009~0.15\_0.009~0.15



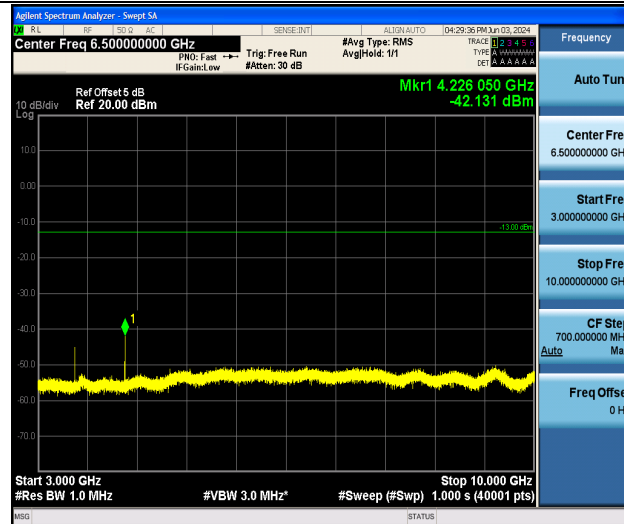
Band17\_5MHz\_16QAM\_23755\_1RB#0\_0.15~30\_0.15~30



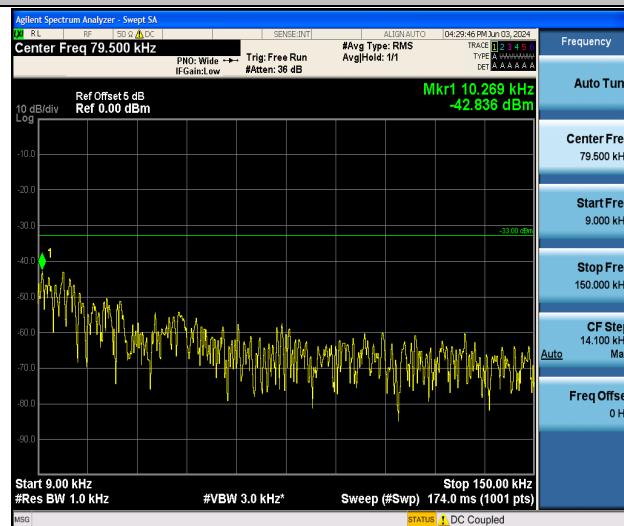
Band17\_5MHz\_16QAM\_23755\_1RB#0\_30~1000\_30~1000



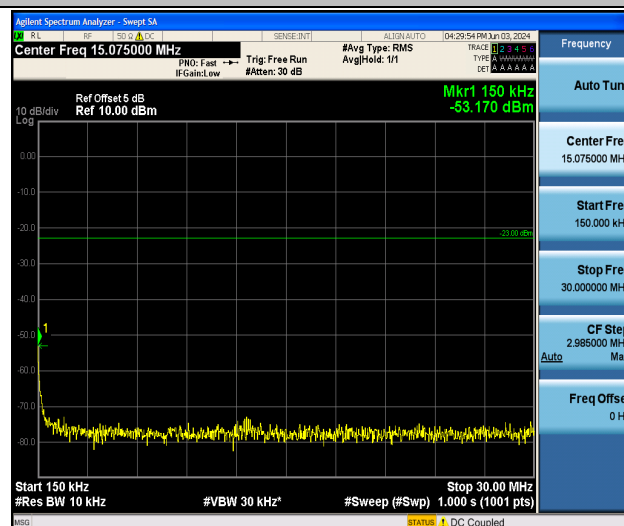
Band17\_5MHz\_16QAM\_23755\_1RB#0\_1000~3000\_1000~3000



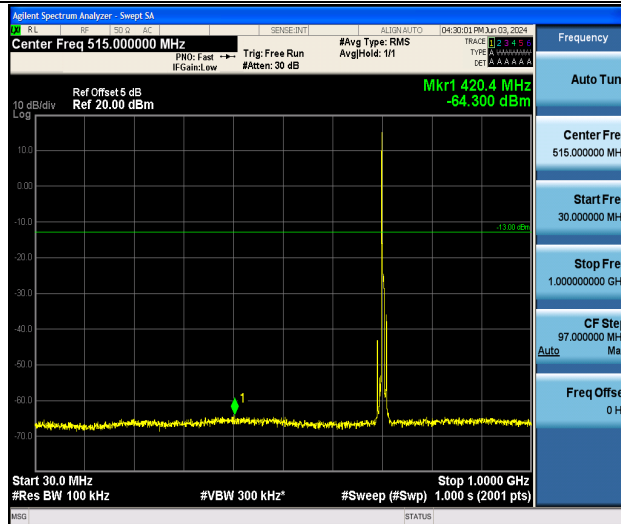
Band17\_5MHz\_16QAM\_23755\_1RB#0\_3000~10000\_3000~10000



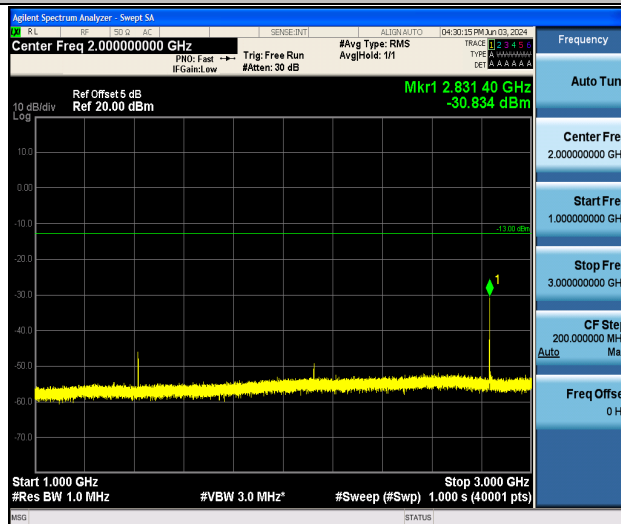
Band17\_5MHz\_QPSK\_23790\_1RB#0\_0.009~0.15\_0.009~0.15



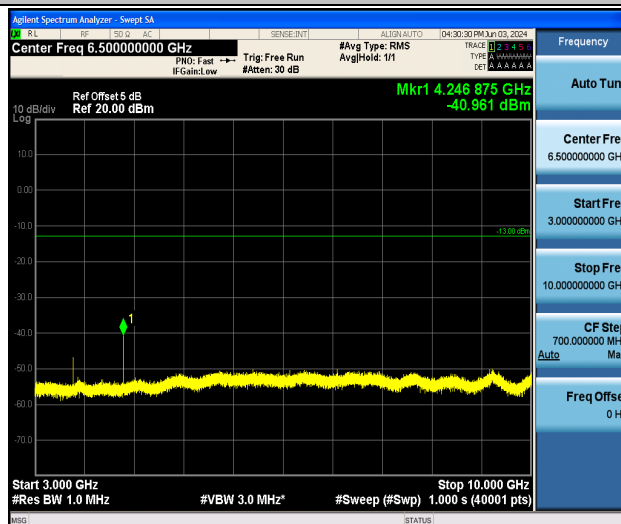
Band17\_5MHz\_QPSK\_23790\_1RB#0\_0.15~30\_0.15~30



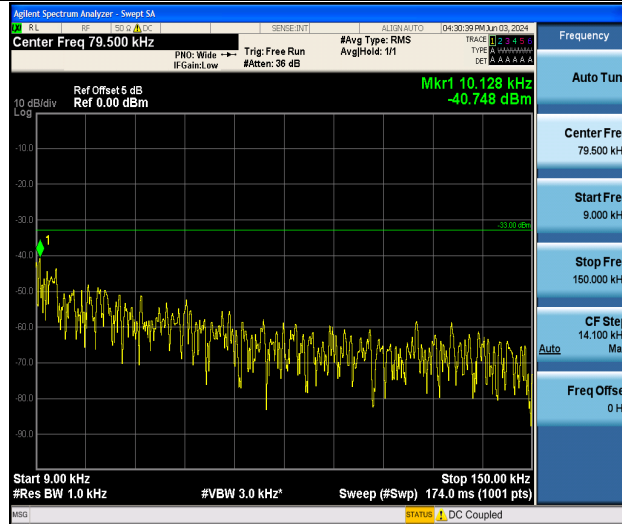
Band17\_5MHz\_QPSK\_23790\_1RB#0\_30~1000\_30~1000



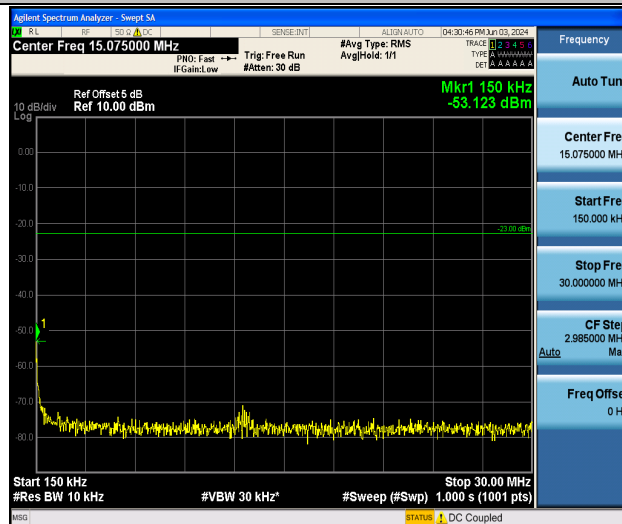
Band17\_5MHz\_QPSK\_23790\_1RB#0\_1000~3000\_1000~3000



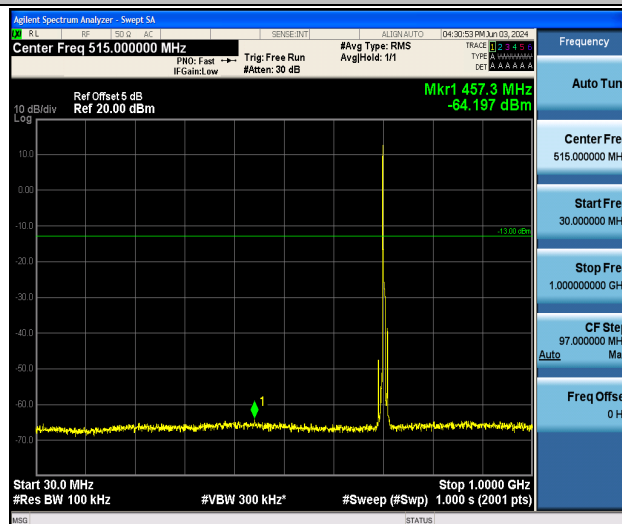
Band17\_5MHz\_QPSK\_23790\_1RB#0\_3000~10000\_3000~10000



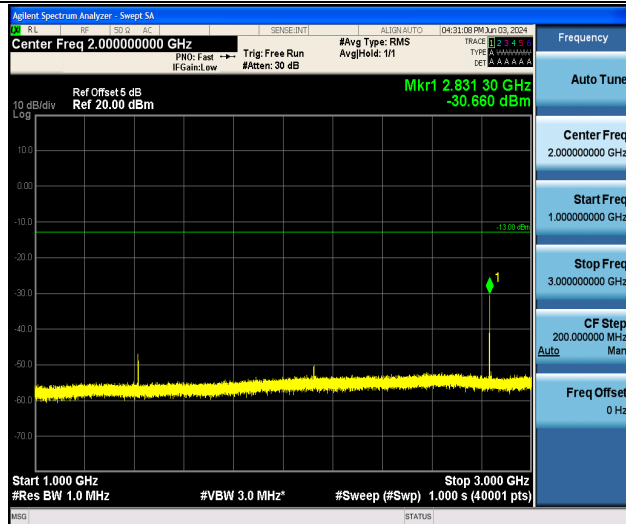
Band17\_5MHz\_16QAM\_23790\_1RB#0\_0.009~0.15\_0.009~0.15



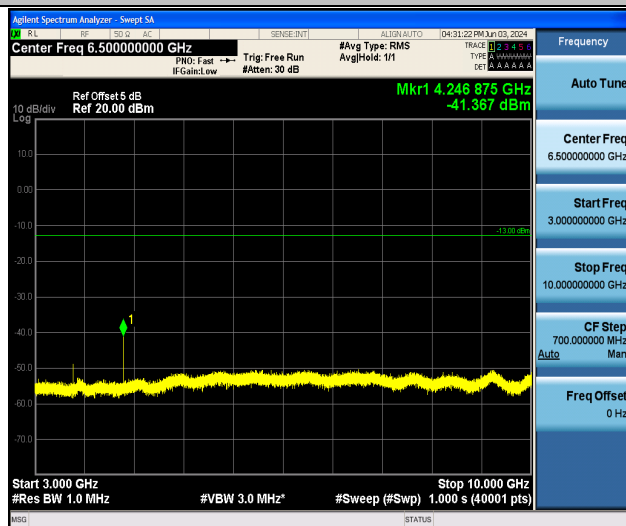
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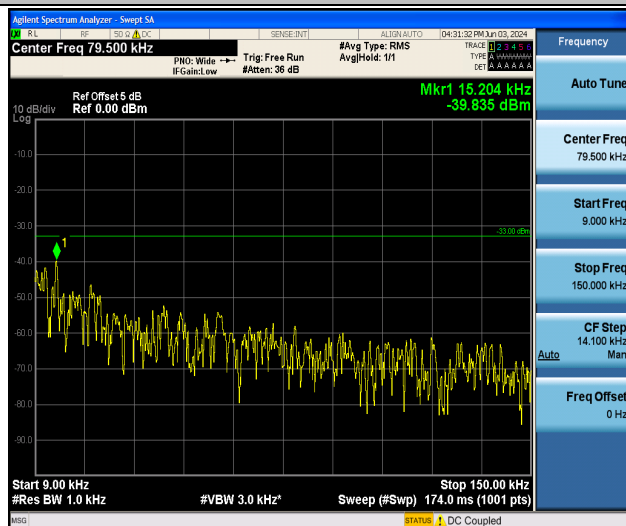
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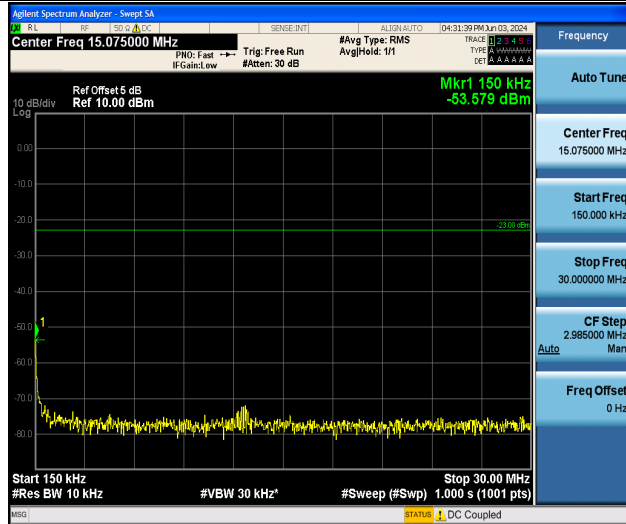
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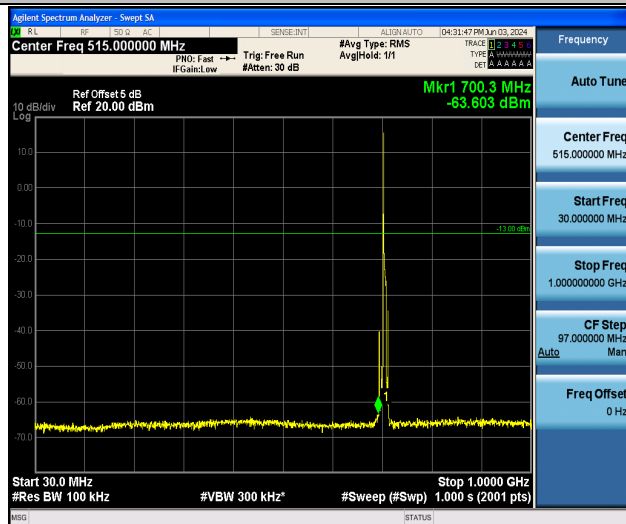
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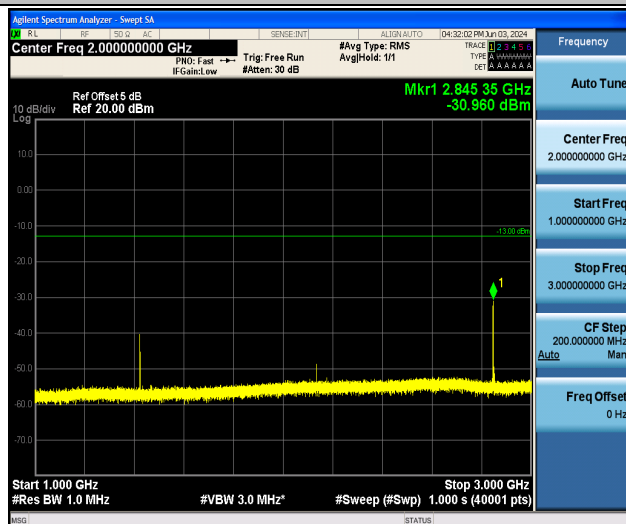
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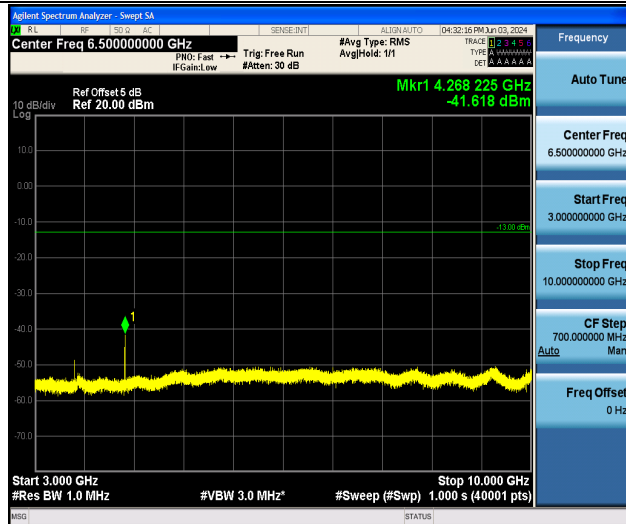
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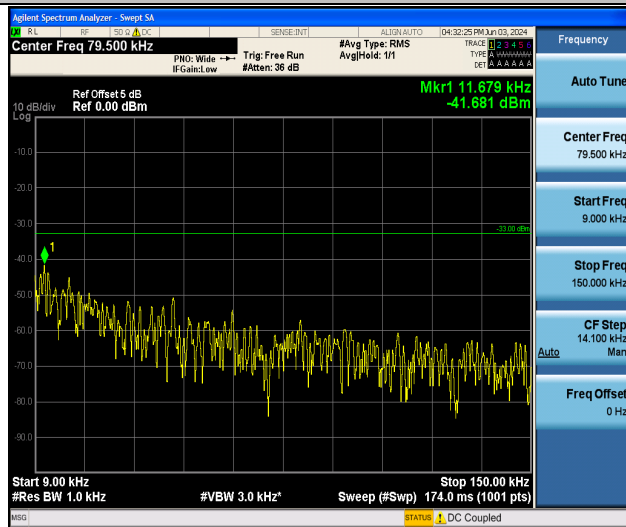
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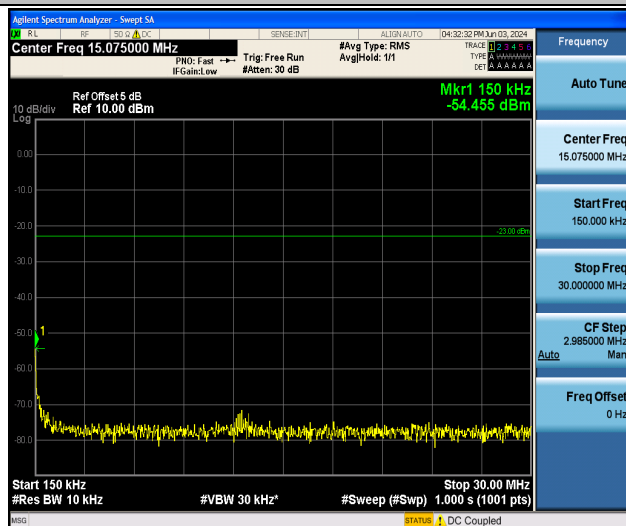
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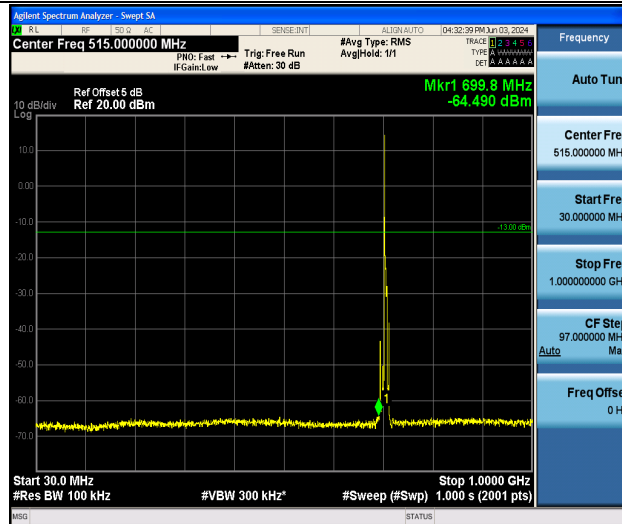
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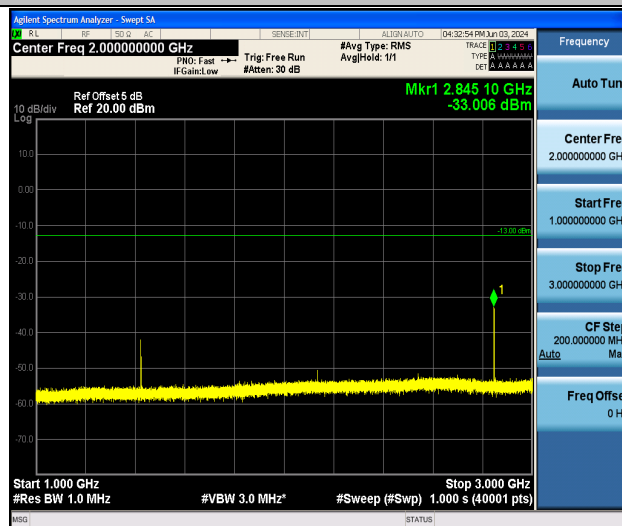
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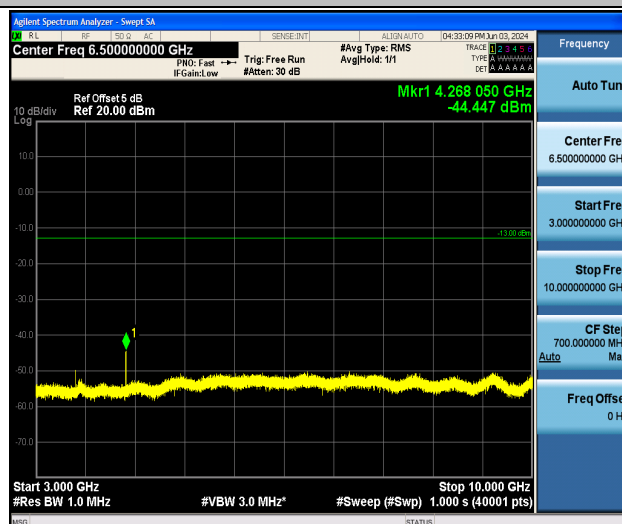
Band17\_5MHz\_16QAM\_23825\_1RB#0\_0.15~30\_0.15~30



Band17\_5MHz\_16QAM\_23825\_1RB#0\_30~1000\_30~1000



Band17\_5MHz\_16QAM\_23825\_1RB#0\_1000~3000\_1000~3000



Band17\_5MHz\_16QAM\_23825\_1RB#0\_3000~10000\_3000~10000