

# LTE Test Data

| General Description of EUT                                                                                                                           |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Product Name:                                                                                                                                        | 4G CAMERA               |
| Test Model:                                                                                                                                          | X30                     |
| Sample ID:                                                                                                                                           | HC-C-202405-0316-03-01# |
| Environmental Conditions                                                                                                                             |                         |
| Temperature:                                                                                                                                         | 22.0℃-25℃               |
| Relative Humidity:                                                                                                                                   | 43%-55%                 |
| Test Voltage:                                                                                                                                        | DC 5V                   |
| Test Engineer:                                                                                                                                       | Mike Yan                |
| Note: For a more detailed features description, please refer to the report <b>TBR-C-202405-0316-8</b> .<br>The report only show the worst case data. |                         |

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## 1: Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 23.98       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#2            | 23.73       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 23.38       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#0            | 23.60       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#1            | 23.65       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#3            | 23.36       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 22.50       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 23.47       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#2            | 23.67       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 23.11       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#0            | 23.35       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#1            | 23.33       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#3            | 23.34       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 22.41       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 23.26       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#2            | 23.18       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 23.21       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#0            | 23.30       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#1            | 23.74       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#3            | 23.60       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 22.66       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 22.95       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#2            | 22.92       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | 22.67       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#0            | 22.56       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#1            | 22.42       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#3            | 22.25       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 21.85       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 22.51       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#2            | 22.42       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#5            | 22.46       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#0            | 22.30       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#1            | 22.34       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#3            | 22.34       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 21.42       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 22.24       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#2            | 22.78       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | 22.49       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 3RB#0            | 23.00       | PASS    |

|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 22.50 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 22.78 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 21.82 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 23.07 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 23.20 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 22.92 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 22.33 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 22.33 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 21.98 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 22.21 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 23.10 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 23.20 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 23.08 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 22.62 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 22.57 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#7  | 22.43 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 22.41 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 23.38 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#8  | 23.28 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 23.38 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#0  | 22.35 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#4  | 22.35 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#7  | 22.50 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 22.27 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 22.15 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#8  | 22.32 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#14 | 22.07 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#0  | 21.41 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#4  | 21.22 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#7  | 21.14 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | 21.21 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#0  | 22.34 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#8  | 22.20 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#14 | 22.79 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#0  | 21.66 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#4  | 21.61 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#7  | 21.52 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | 21.46 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#0  | 22.52 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#8  | 22.43 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#14 | 22.33 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 8RB#0  | 21.32 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 8RB#4  | 21.50 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 8RB#7  | 21.21 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 3MHz  | 16QAM | 23165 | 15RB#0  | 21.25 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 1RB#0   | 23.49 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 1RB#12  | 23.35 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 1RB#24  | 23.48 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 12RB#0  | 22.57 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 12RB#6  | 22.59 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 12RB#13 | 22.40 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0  | 22.50 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#0   | 23.60 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#12  | 23.74 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#24  | 23.70 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#0  | 22.56 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#6  | 22.54 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#13 | 22.66 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0  | 22.59 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#0   | 23.57 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#12  | 23.51 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#24  | 23.40 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#0  | 22.53 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#6  | 22.56 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#13 | 22.54 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0  | 22.51 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#0   | 22.66 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#12  | 22.44 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#24  | 22.46 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#0  | 21.54 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#6  | 21.54 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#13 | 21.46 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0  | 21.48 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0   | 22.70 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#12  | 22.77 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#24  | 22.39 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#0  | 21.74 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#6  | 21.56 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#13 | 21.58 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0  | 21.61 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0   | 22.57 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 22.63 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 22.56 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 21.53 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 21.54 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 21.44 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 21.60 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 23.33 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 23.41 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 23.38 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 22.51 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 22.52 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 22.63 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 22.65 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 23.21 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 23.71 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 23.38 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 22.58 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 22.58 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 22.60 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 22.77 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 23.55 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 23.95 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 23.49 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 22.66 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 23.12 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 22.83 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 22.68 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 22.42 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 22.77 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 22.57 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 21.42 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 21.42 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 21.65 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 22.25 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 22.99 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 22.29 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 21.76 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 21.45 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 21.53 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 22.64 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 23.33 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 22.95 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 21.55 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 22.06 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 21.96 | PASS |

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

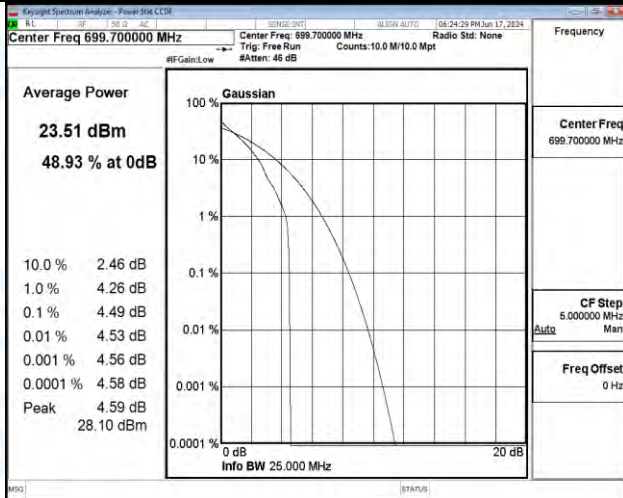
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 4.49       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 5.09       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 4.34       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 4.95       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 4.44       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 5.06       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 5.45       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 5.95       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 5.31       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 5.87       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 5.42       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 5.96       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 4.42       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 5.14       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 4.40       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 4.97       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 4.51       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 5.09       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 5.29       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 5.97       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 1RB#0            | 5.24       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 5.84       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#0            | 5.36       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 5.94       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 4.46       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 5.16       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 4.41       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.98       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 4.37       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 5.08       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | 5.34       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 5.96       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 1RB#0            | 5.36       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 5.81       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#0            | 5.29       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 5.89       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 4.46       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 5.14       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 4.57       | 13        | PASS    |

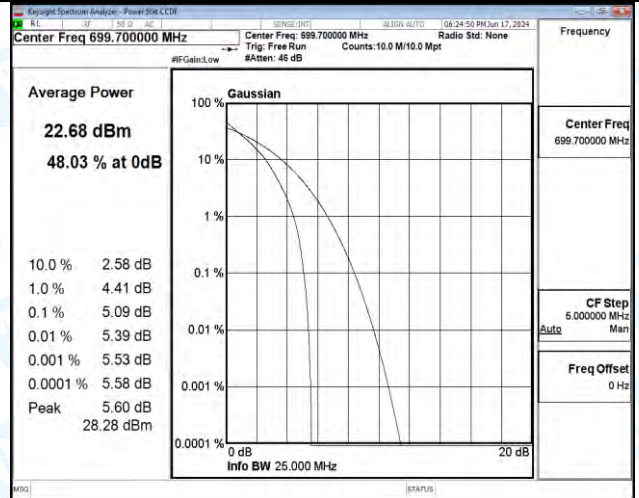
|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 5.09 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 4.34 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 5.03 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 5.34 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 27RB#0 | 6.42 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 5.43 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 27RB#0 | 7.26 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 5.24 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 27RB#0 | 6.36 | 13 | PASS |

## Test Graphs

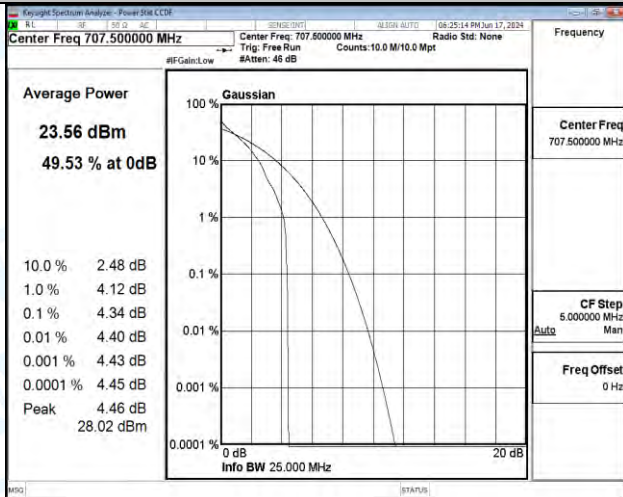
Band12-1.4MHz-QPSK-23017-1RB#0-PASS



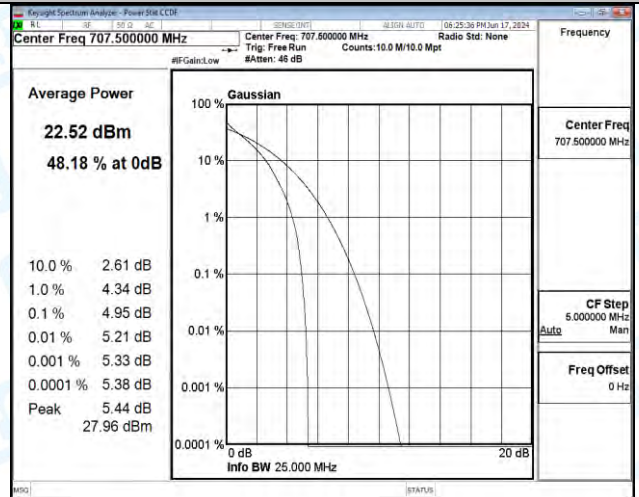
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



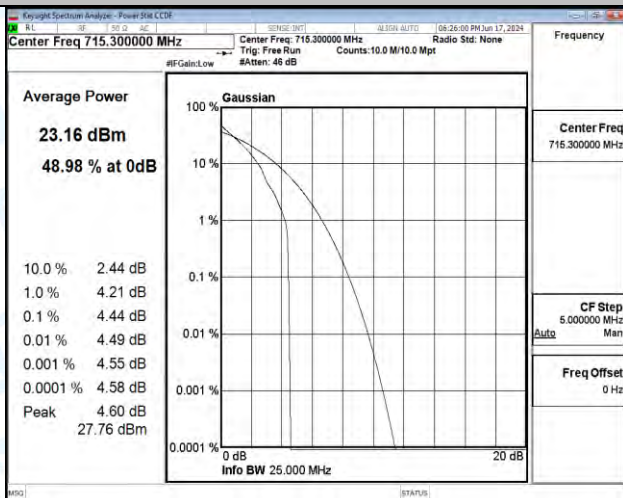
Band12-1.4MHz-QPSK-23095-1RB#0-PASS



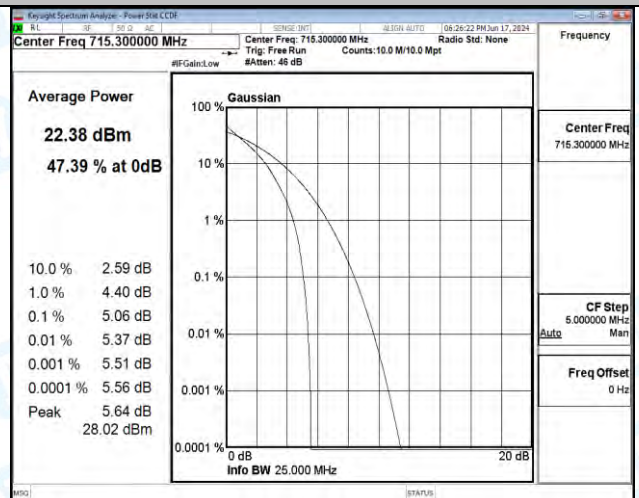
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-PASS

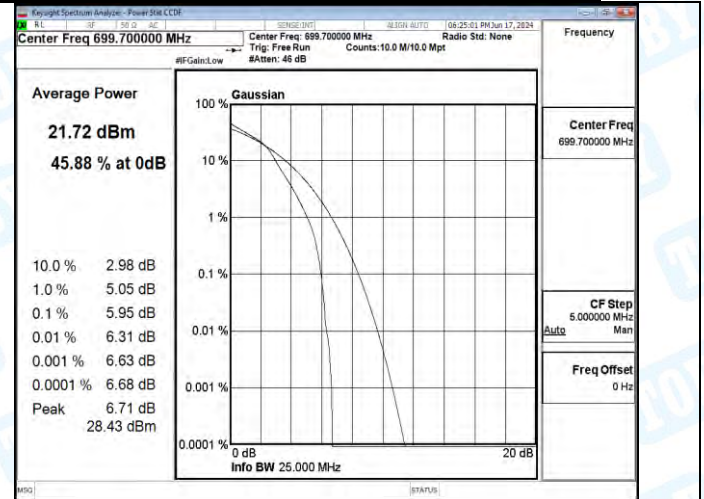
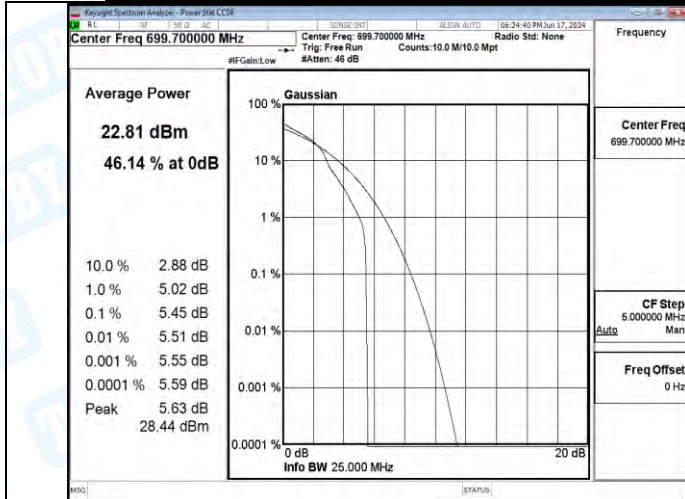


Band12-1.4MHz-QPSK-23173-6RB#0-PASS



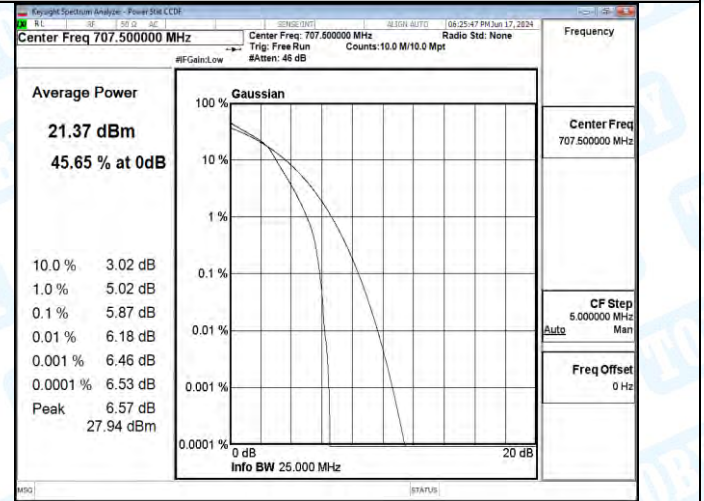
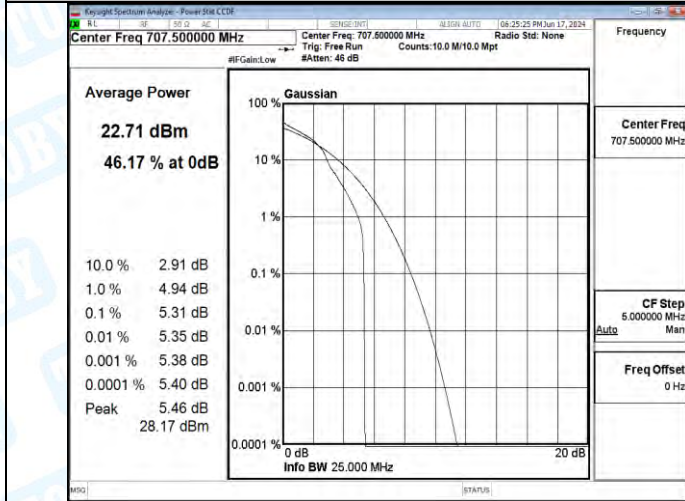
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Band12-1.4MHz-16QAM-23017-6RB#0-PASS



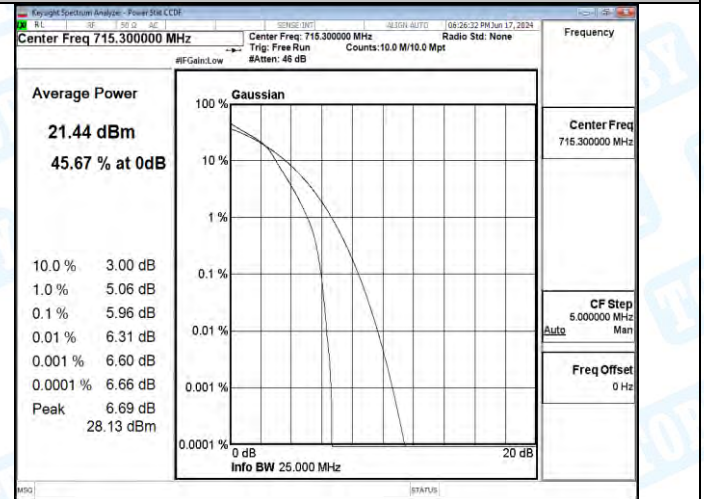
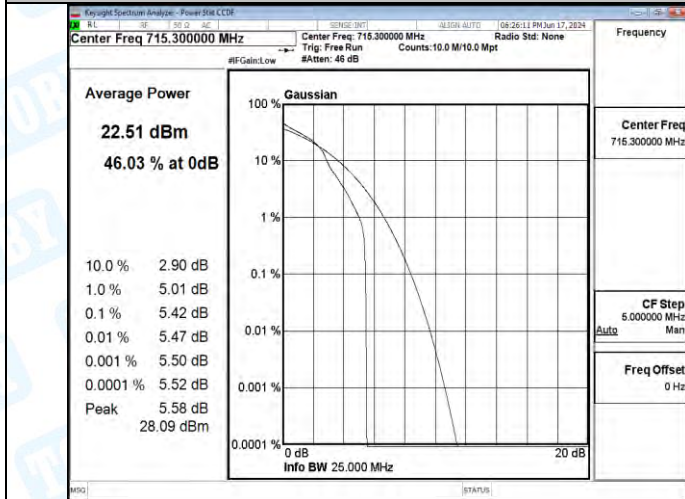
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Band12-1.4MHz-16QAM-23095-6RB#0-PASS



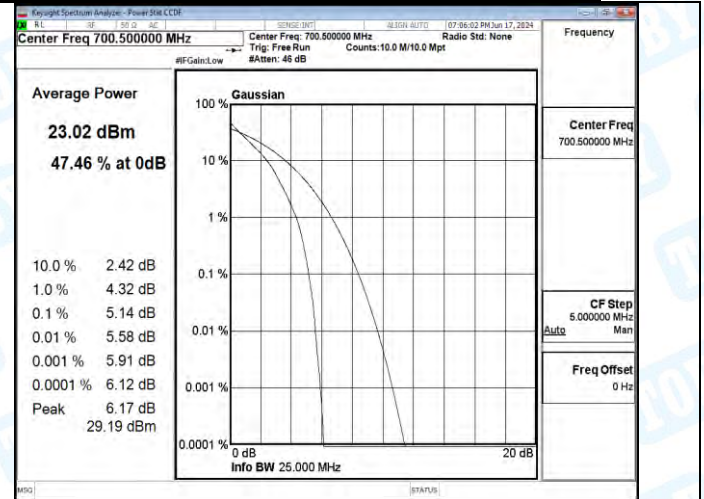
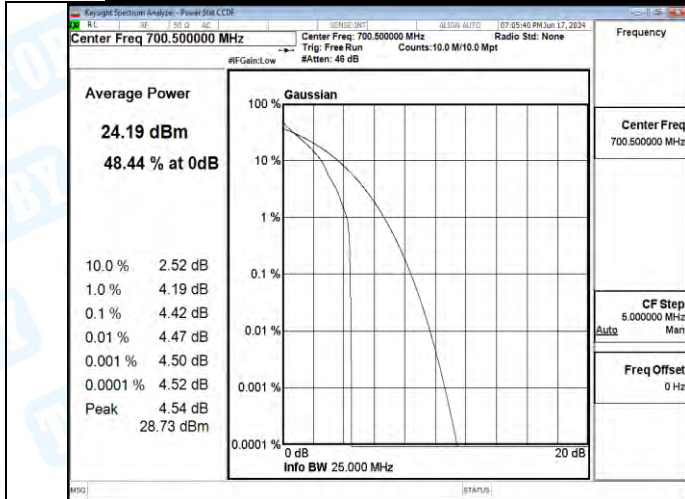
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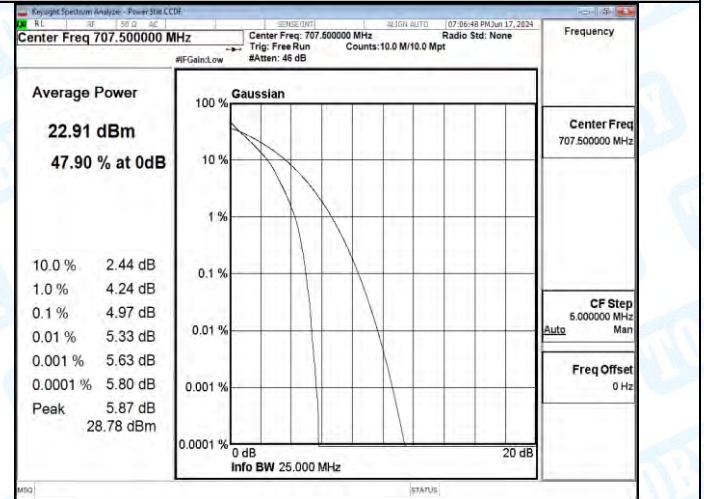
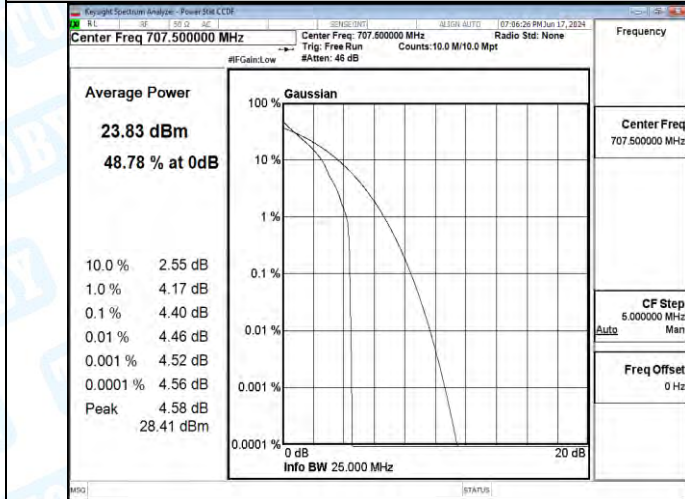
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Band12-3MHz-QPSK-23025-15RB#0-PASS



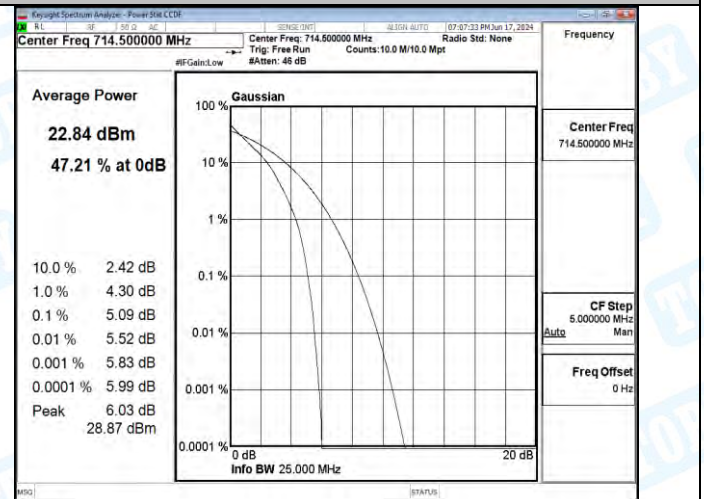
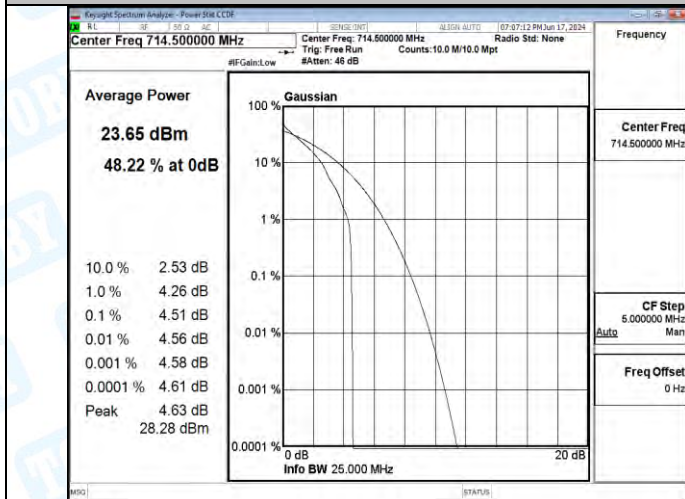
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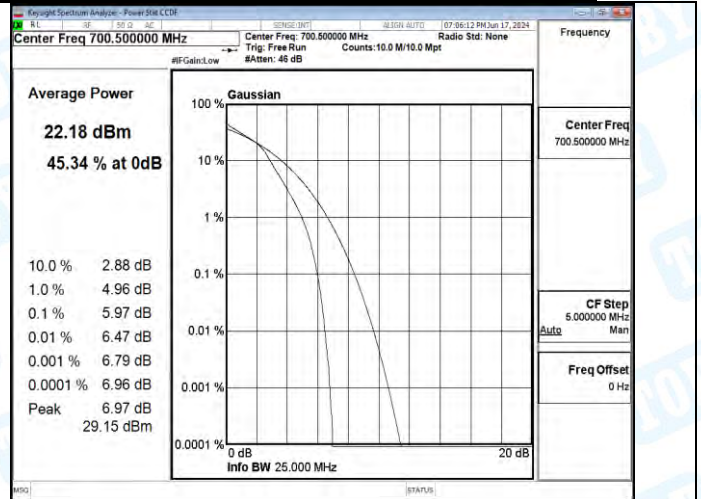
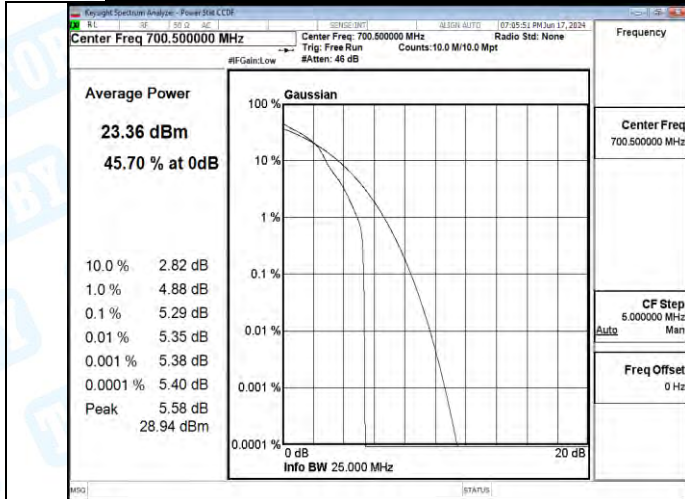
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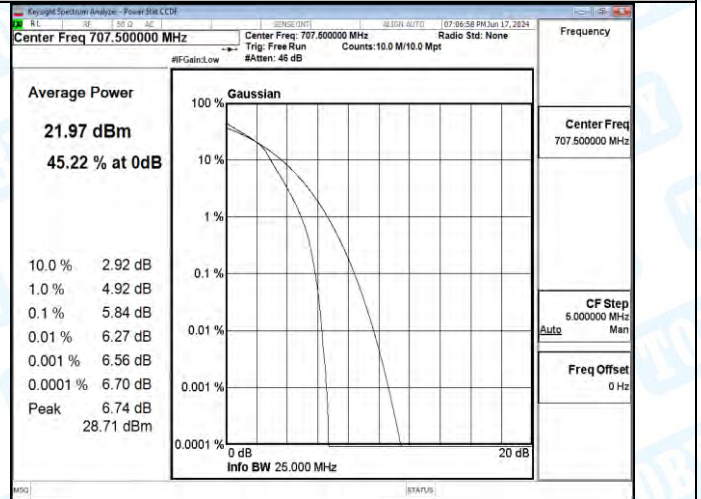
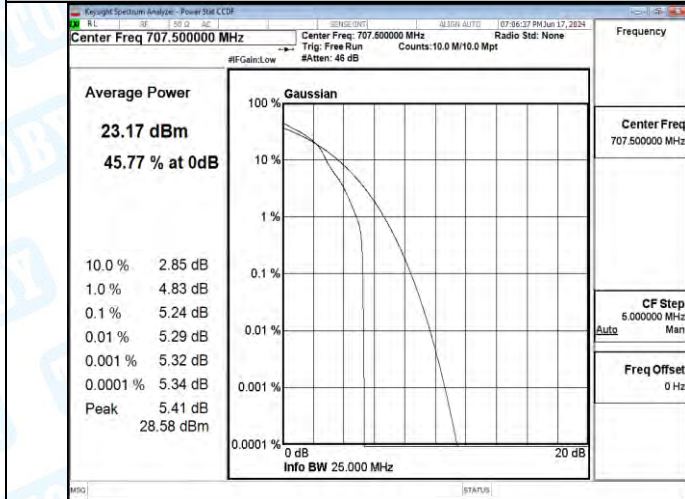
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Band12-3MHz-16QAM-23025-15RB#0-PASS



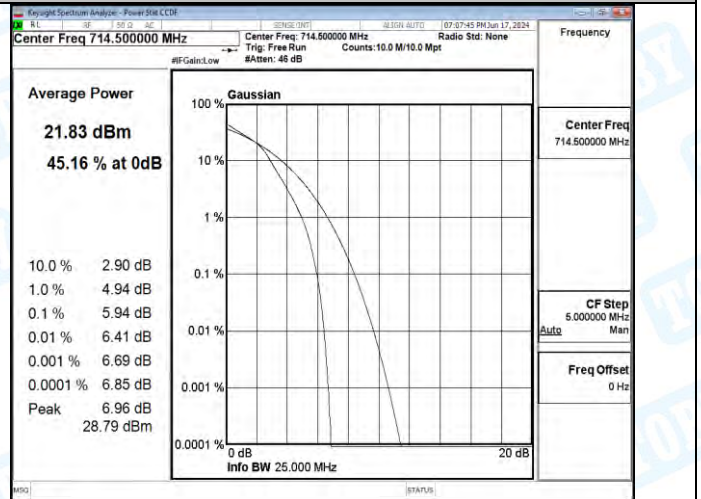
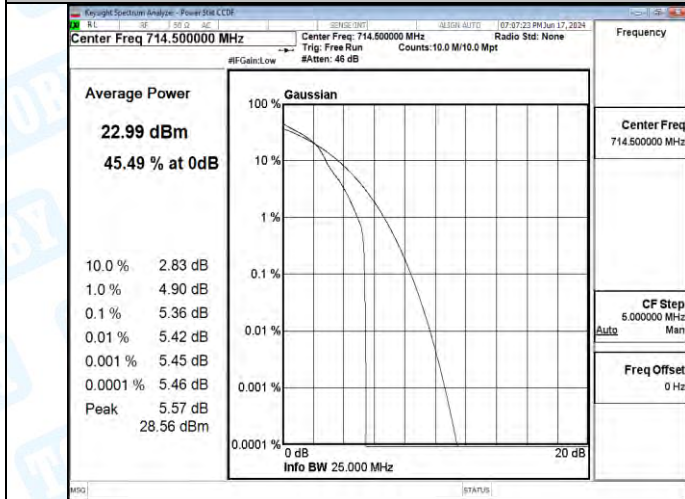
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Band12-3MHz-16QAM-23095-15RB#0-PASS



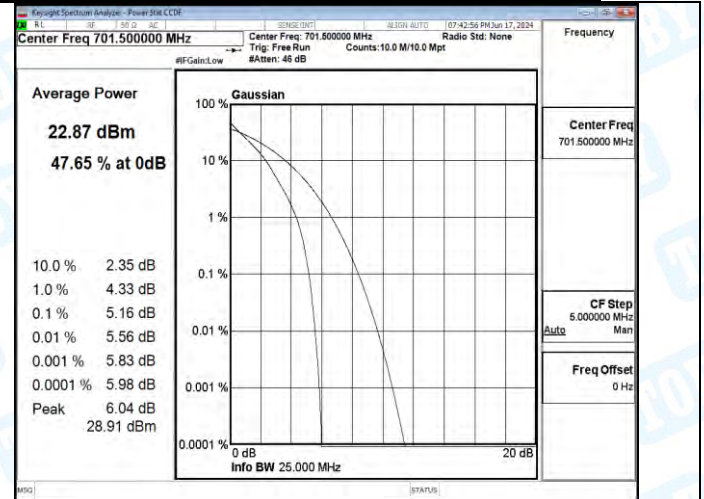
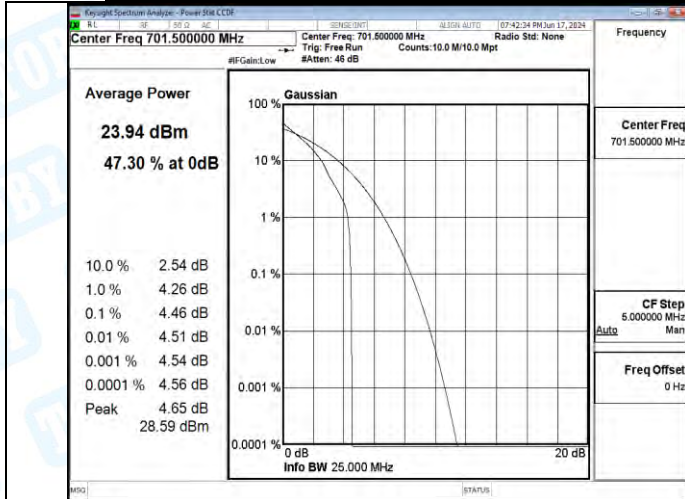
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Band12-3MHz-16QAM-23165-15RB#0-PASS



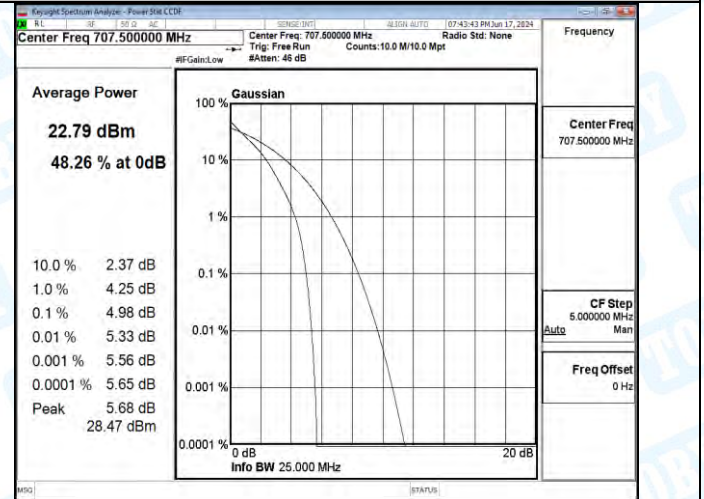
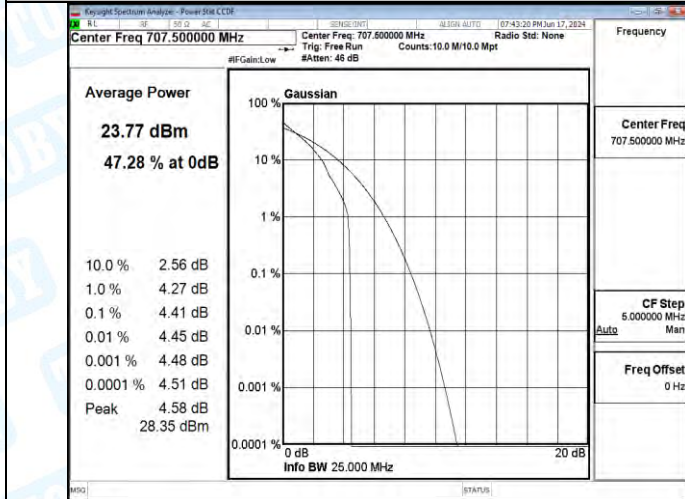
Band12-5MHz-QPSK-23035-1RB#0-PASS

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



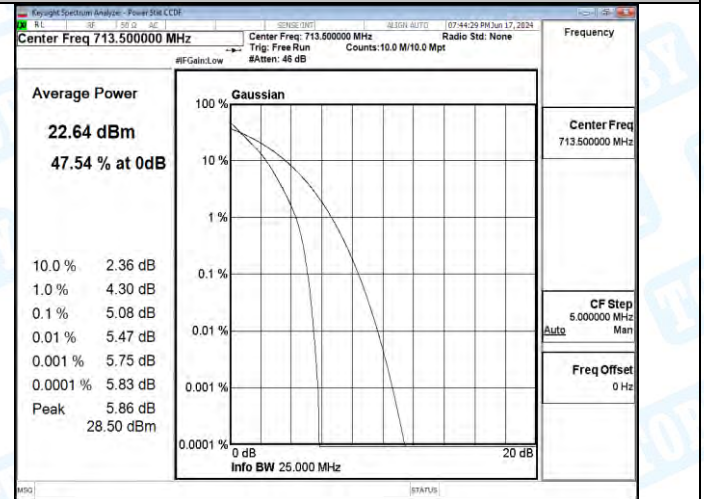
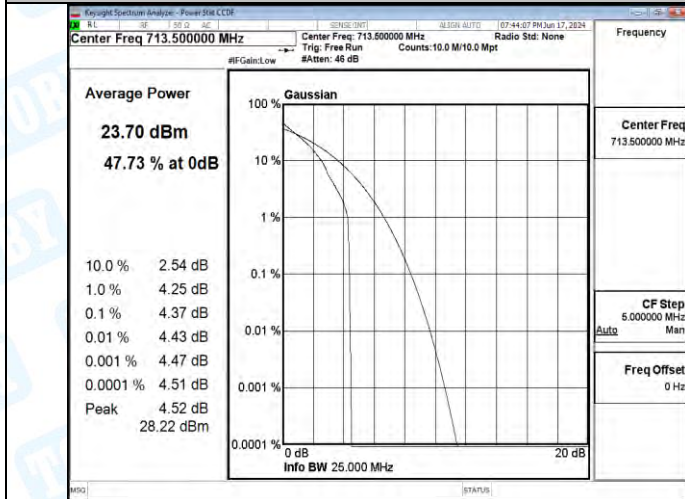
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Band12-5MHz-QPSK-23095-25RB#0-PASS



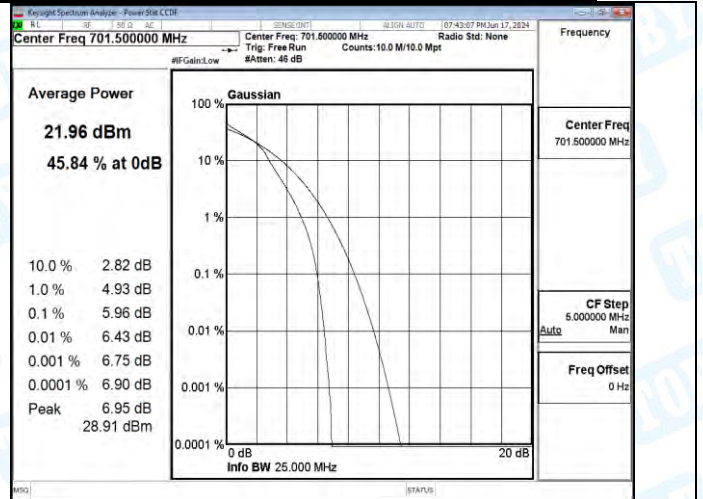
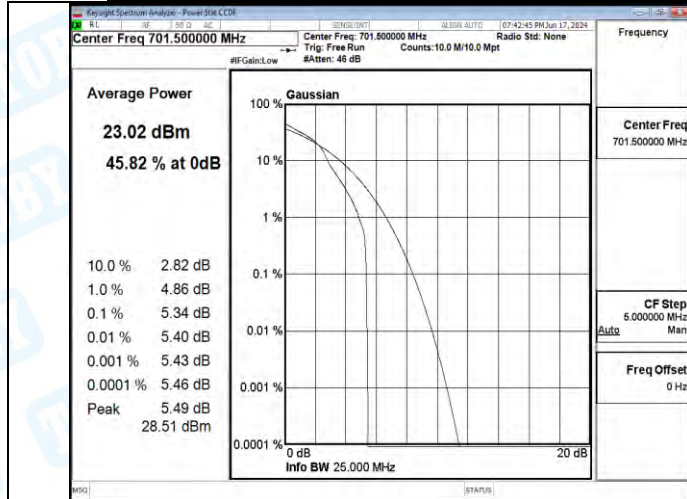
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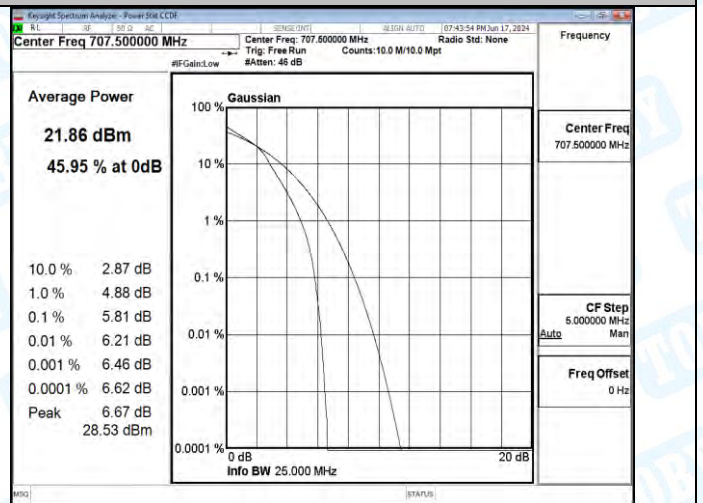
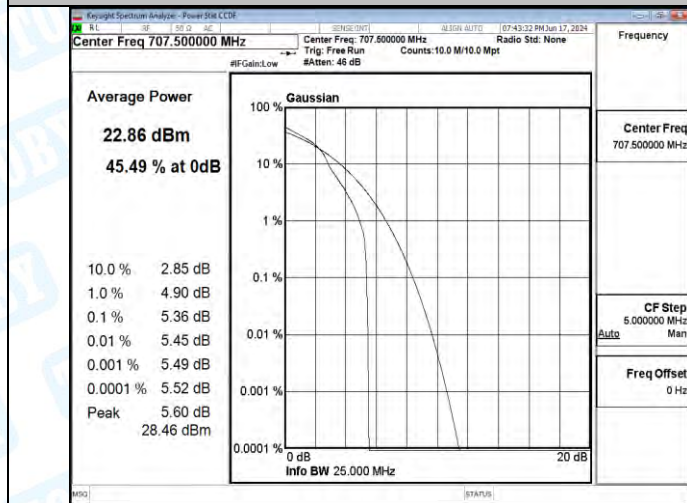
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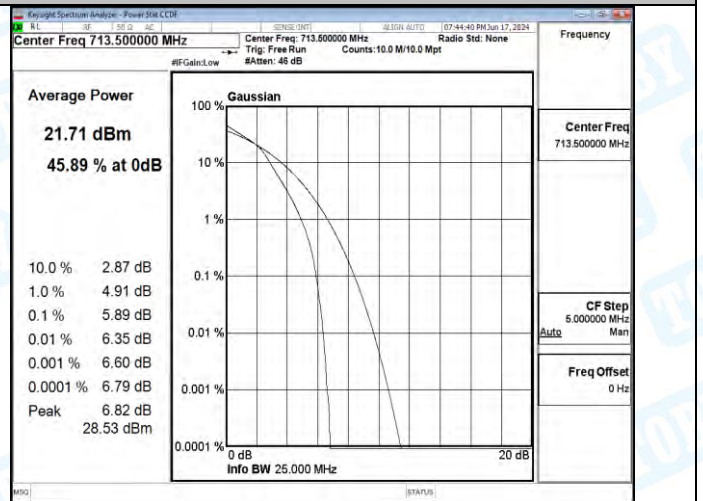
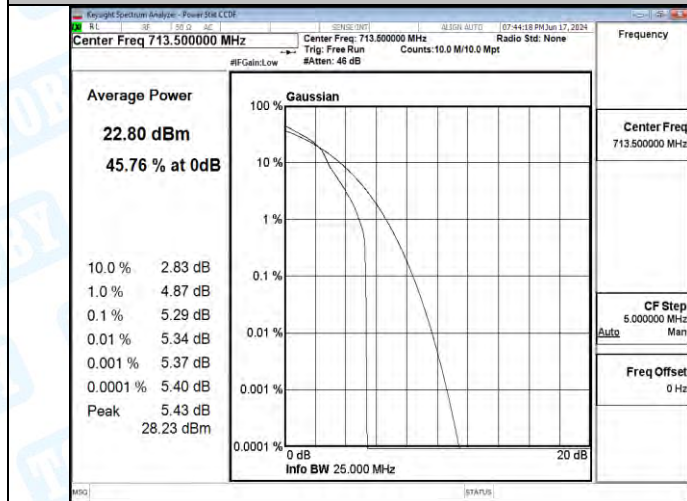
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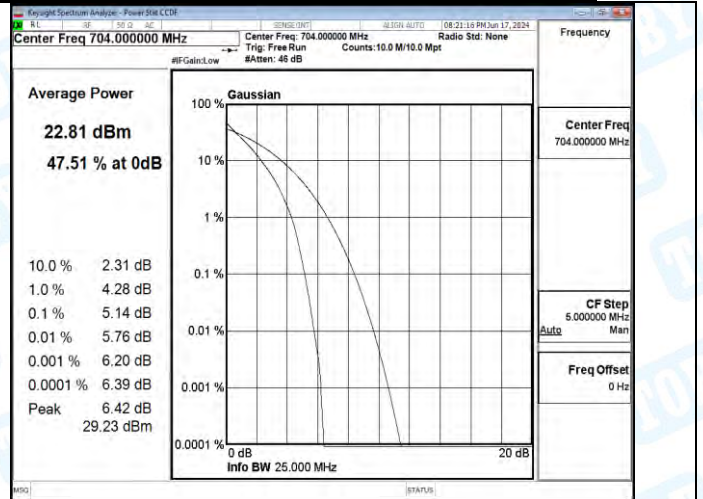
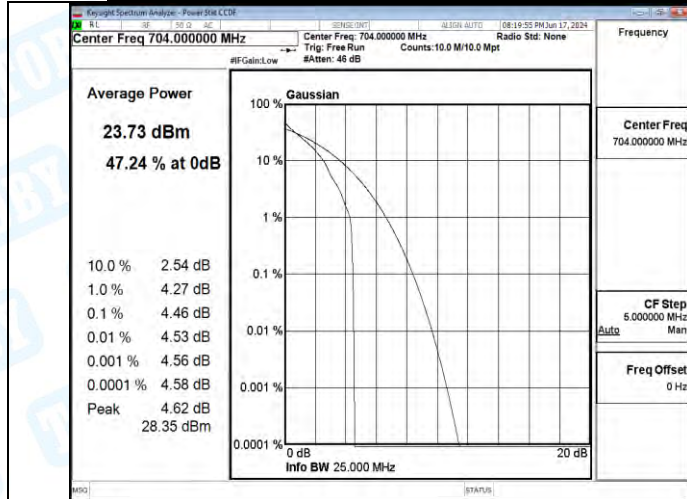
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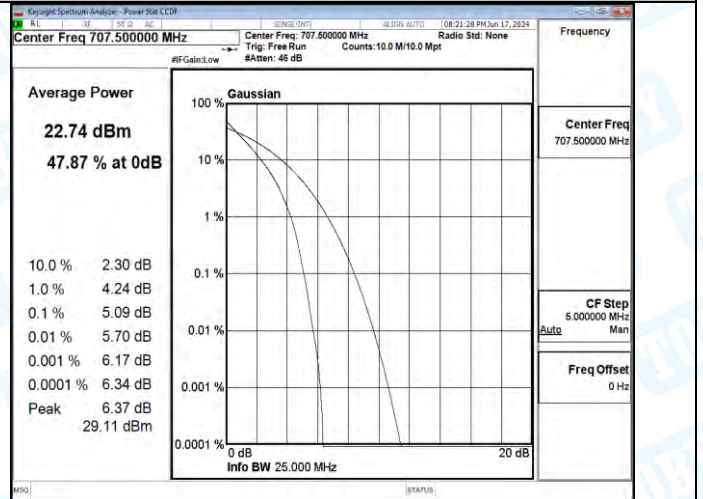
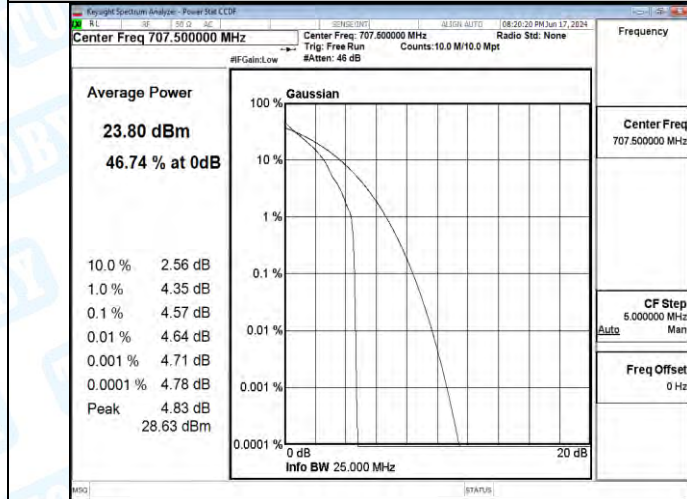
Band12-10MHz-QPSK-23060-1RB#0-PASS

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



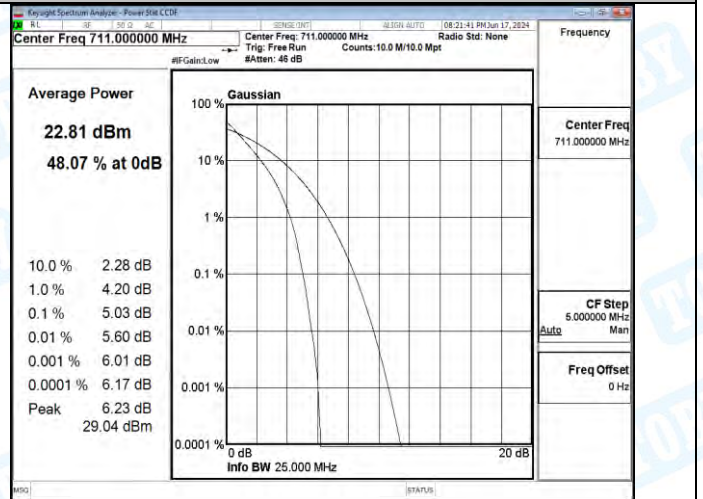
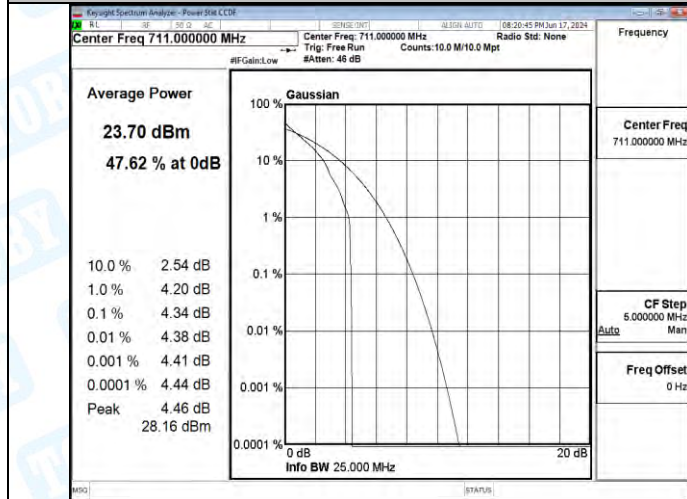
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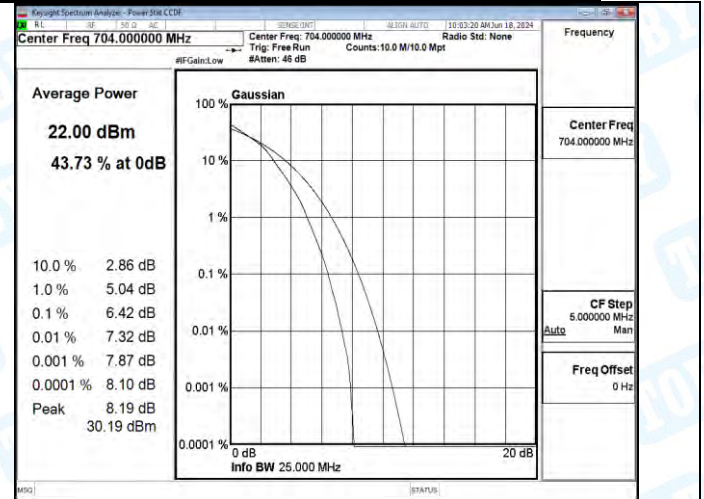
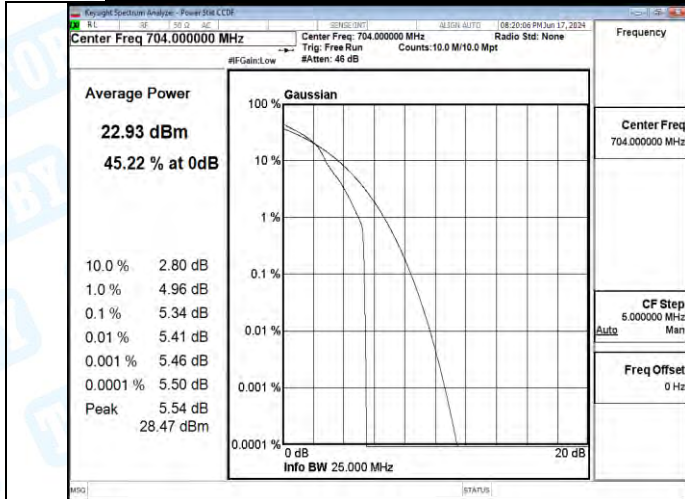
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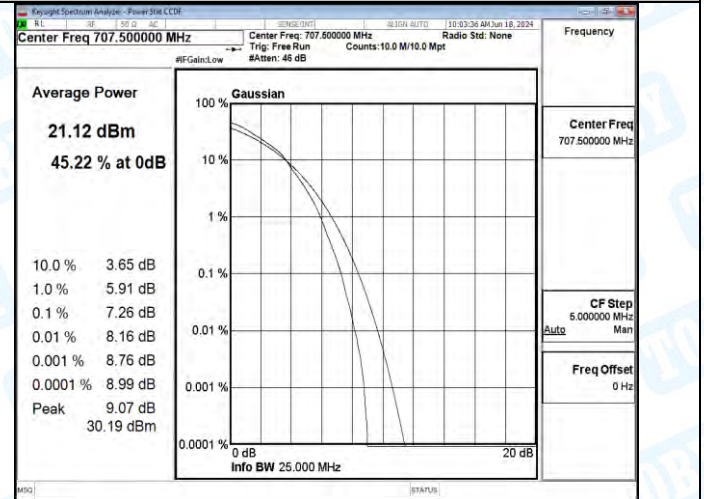
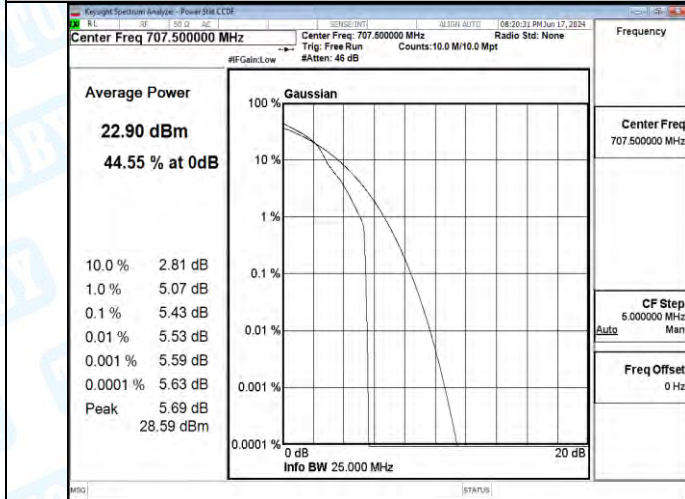
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Band12-10MHz-16QAM-23060-27RB#0-PASS



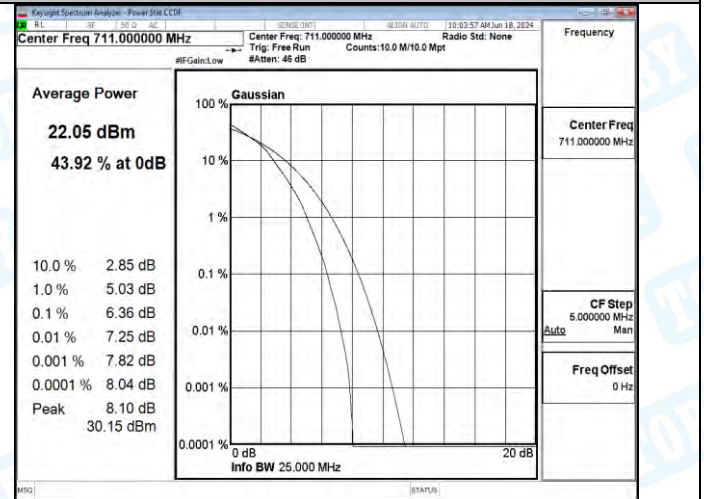
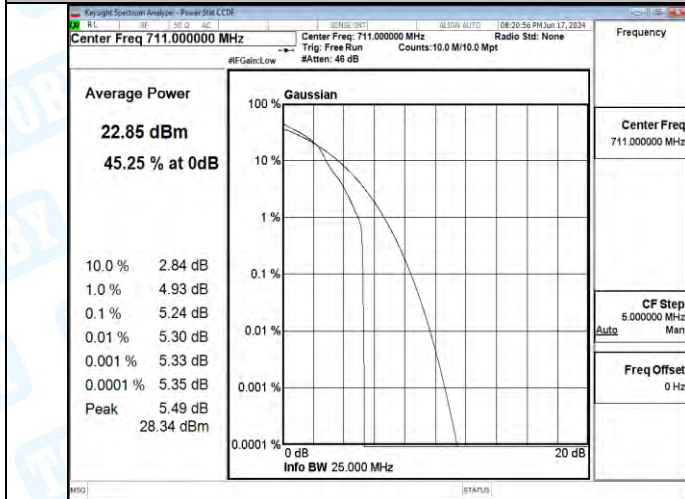
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Band12-10MHz-16QAM-23095-27RB#0-PASS



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

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



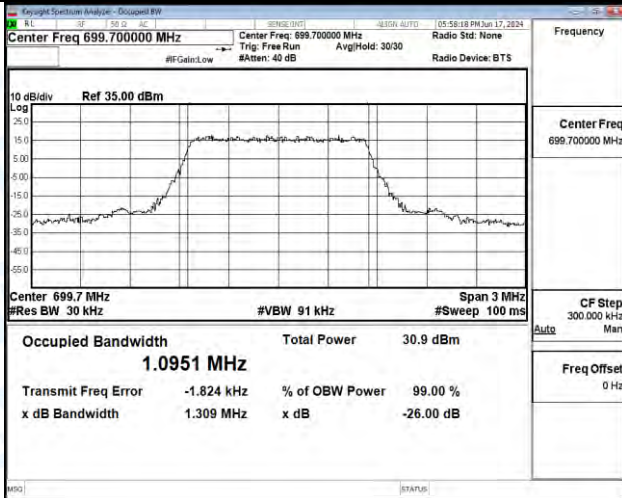
### 3: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

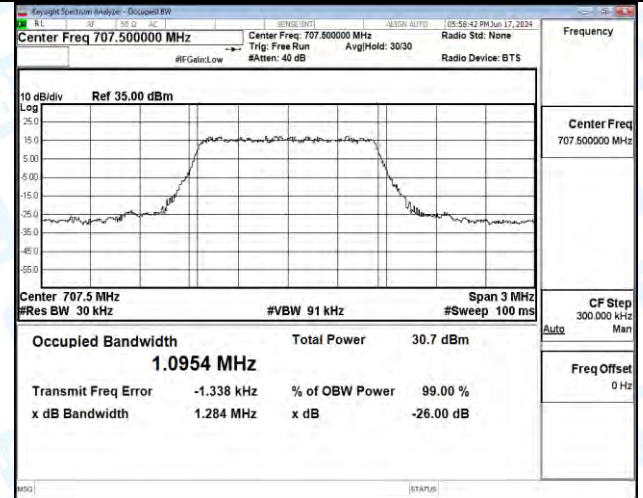
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1.0951                   | 1.309                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1.0954                   | 1.284                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 1.0944                   | 1.285                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 1.0989                   | 1.303                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 1.0999                   | 1.290                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 1.0984                   | 1.290                | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 2.6992                   | 2.961                | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 2.7022                   | 2.954                | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 2.6981                   | 2.936                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 2.6943                   | 2.971                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 2.6897                   | 2.969                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 2.6948                   | 2.978                | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.5076                   | 5.024                | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.5054                   | 5.017                | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.5112                   | 5.028                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 4.5063                   | 4.984                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 4.5017                   | 4.988                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 4.5034                   | 5.000                | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 8.9711                   | 9.939                | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 8.9718                   | 9.878                | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 8.9658                   | 9.876                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 27RB#0           | 5.0246                   | 6.164                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 27RB#0           | 5.0046                   | 6.111                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 27RB#0           | 5.0058                   | 6.090                | PASS    |

## Test Graphs

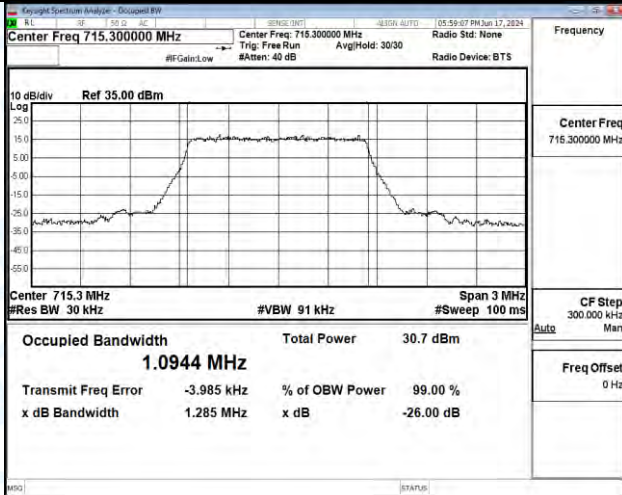
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



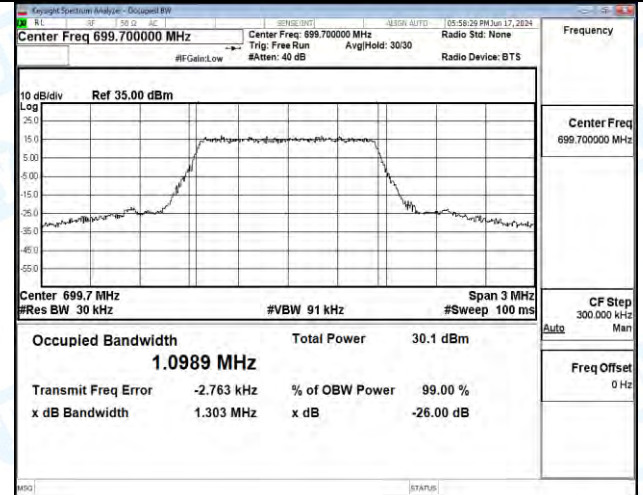
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



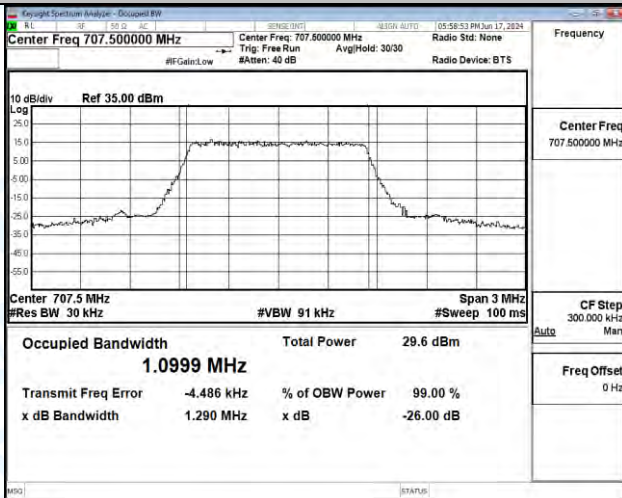
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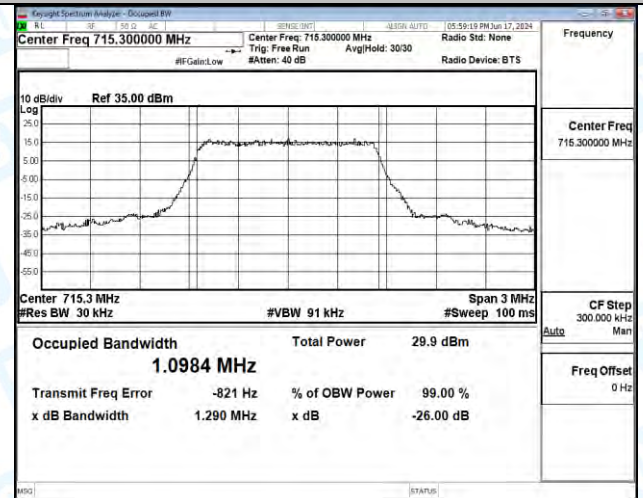
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Band12-1.4MHz-16QAM-23095-6RB#0-PASS

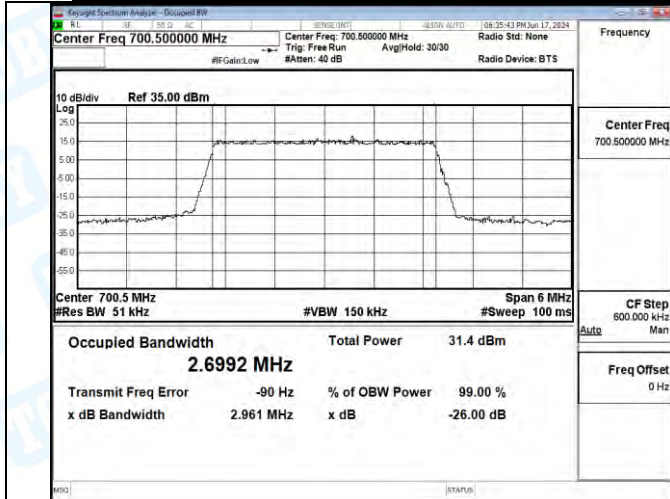


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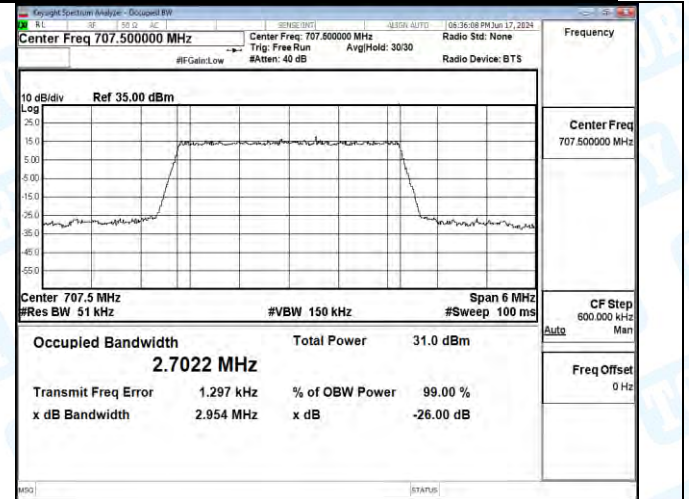


Band12-3MHz-QPSK-23025-15RB#0-PASS

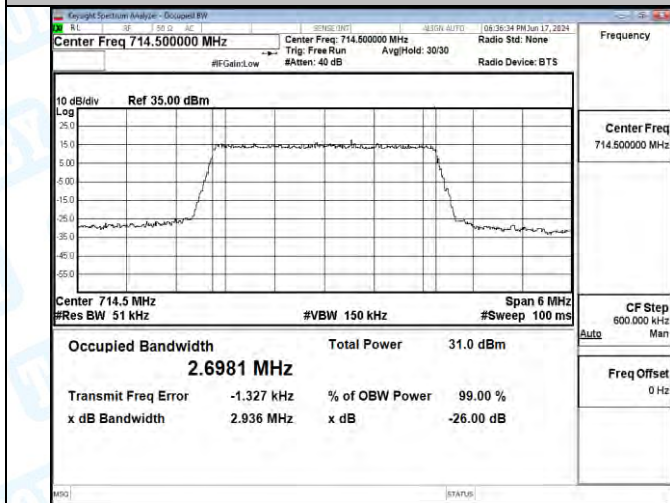
Band12-3MHz-QPSK-23095-15RB#0-PASS



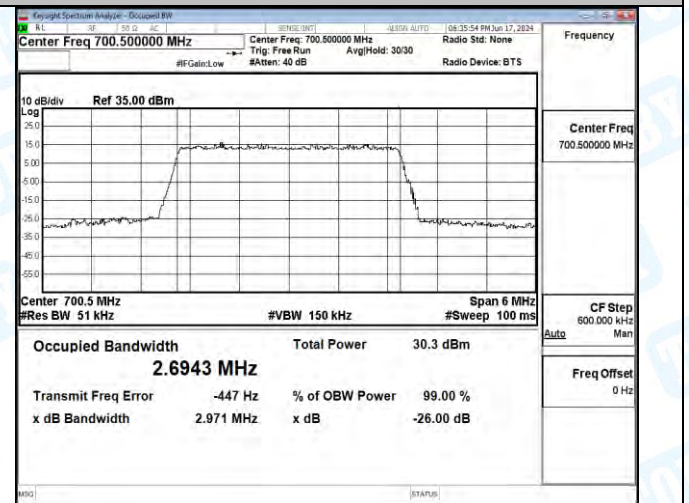
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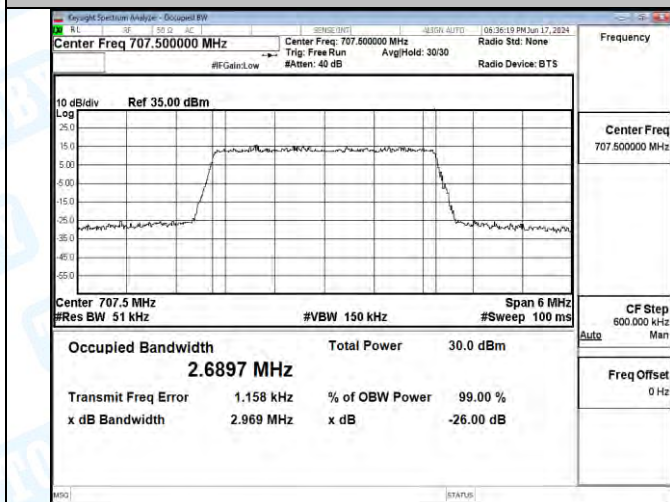
Band12-3MHz-16QAM-23025-15RB#0-PASS



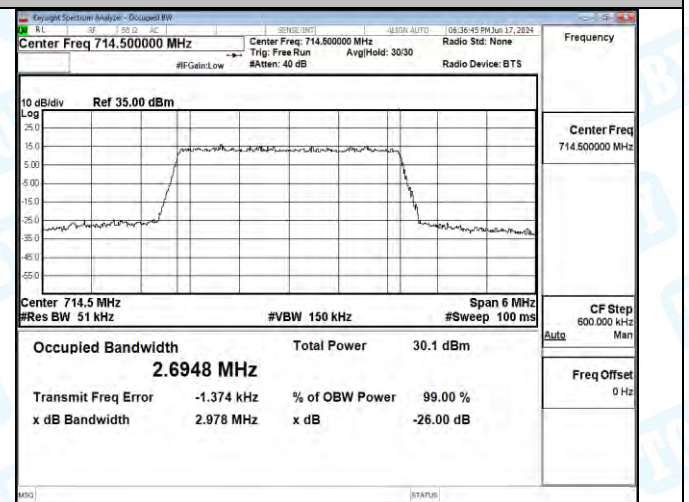
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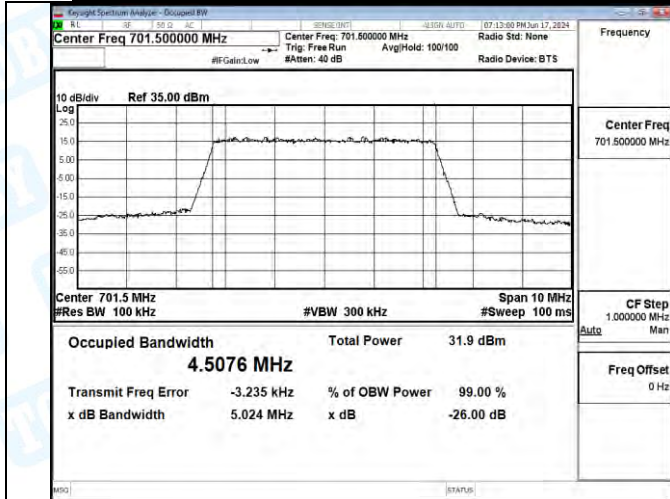
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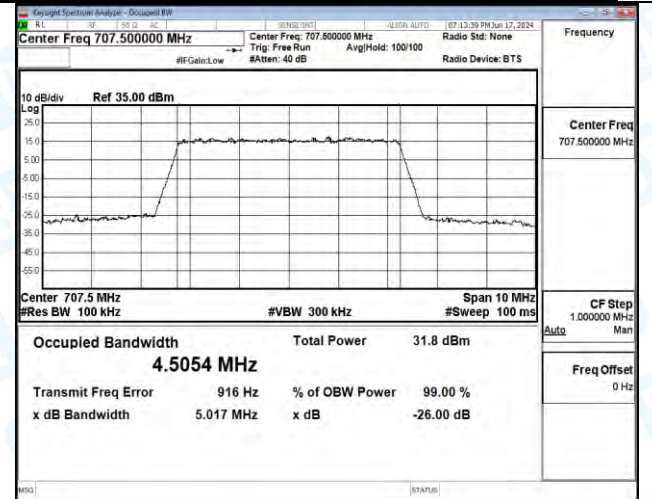
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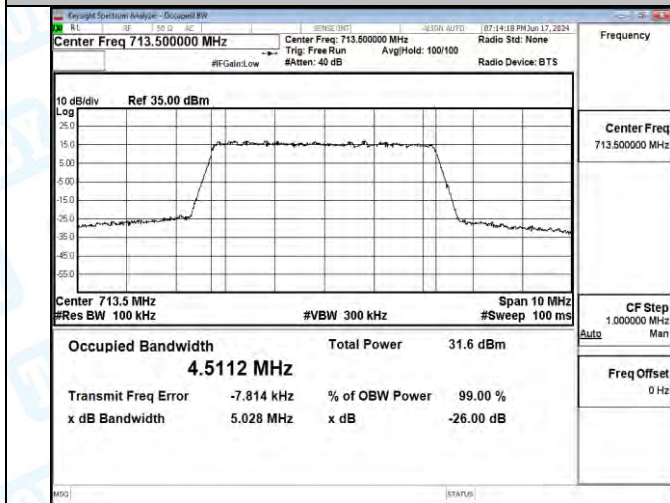
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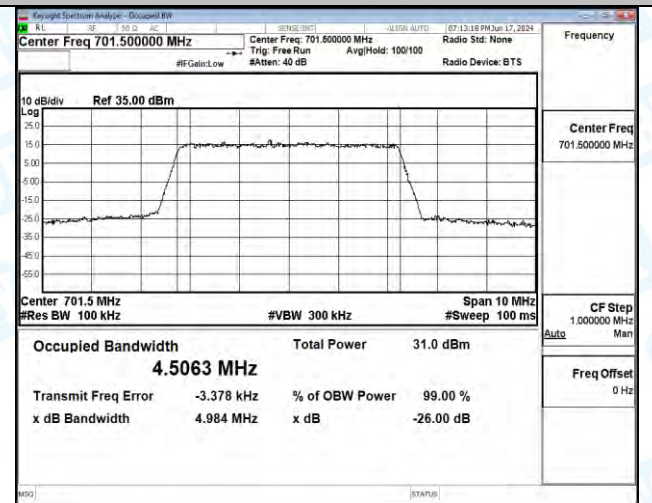
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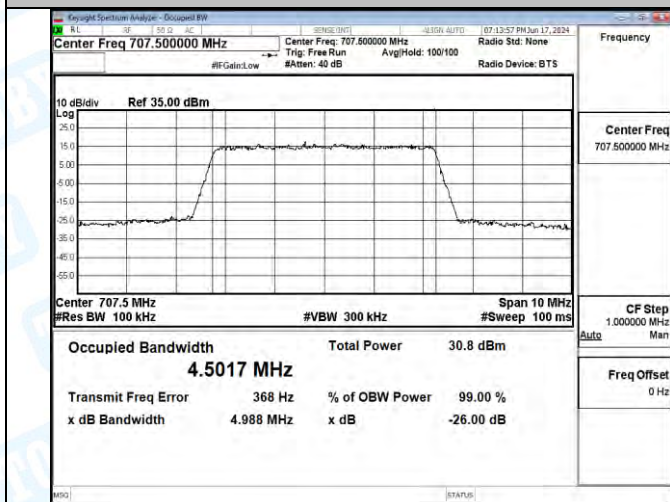
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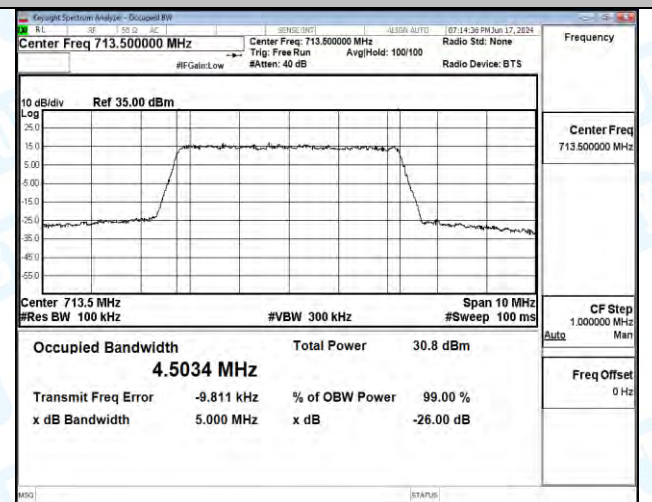
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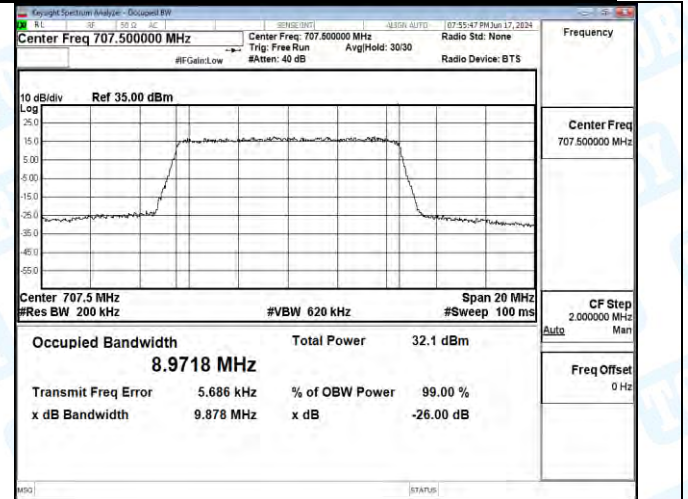
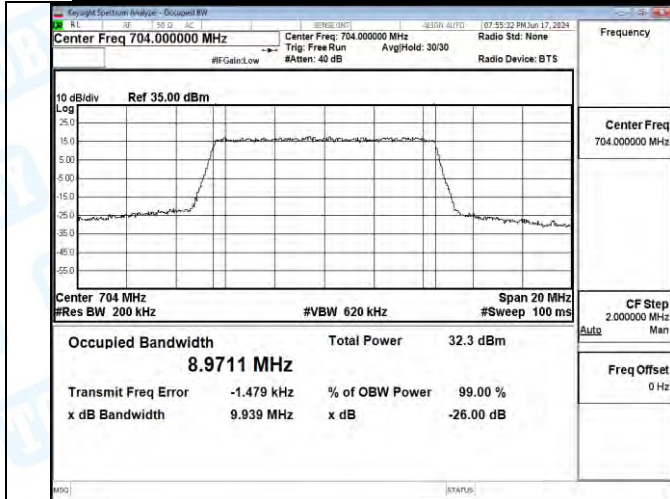
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Band12-10MHz-QPSK-23060-50RB#0-PASS

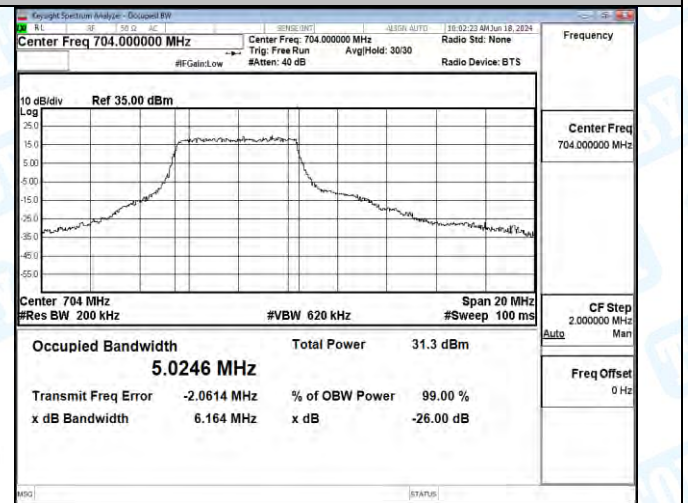
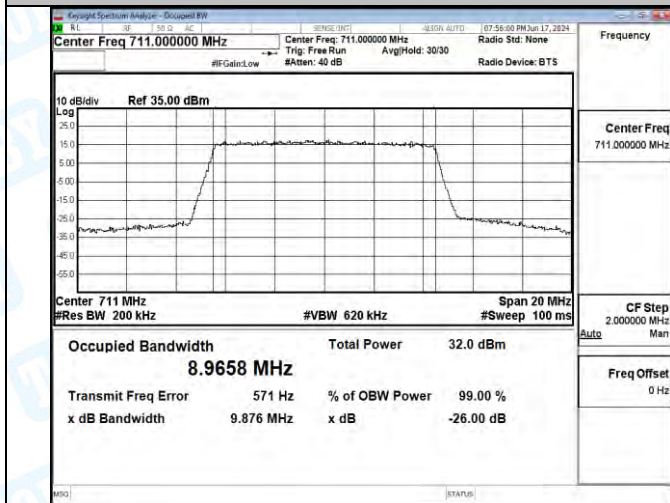


Band12-10MHz-QPSK-23095-50RB#0-PASS



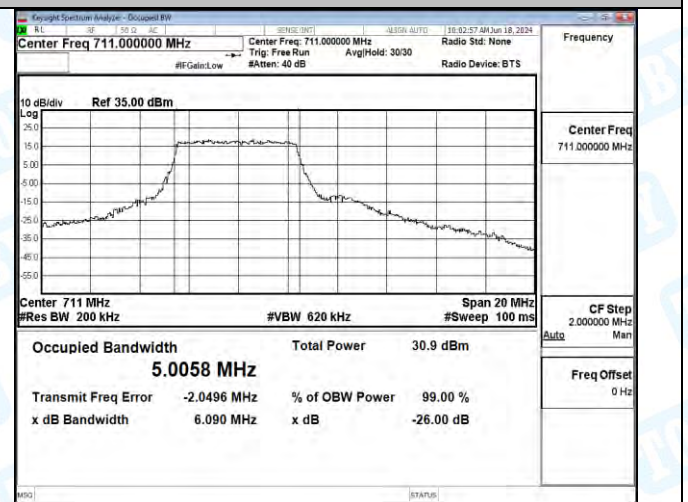
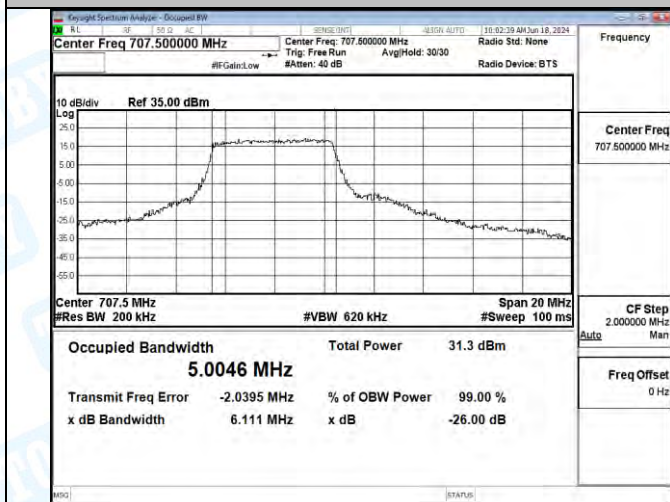
Band12-10MHz-QPSK-23130-50RB#0-PASS

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



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

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



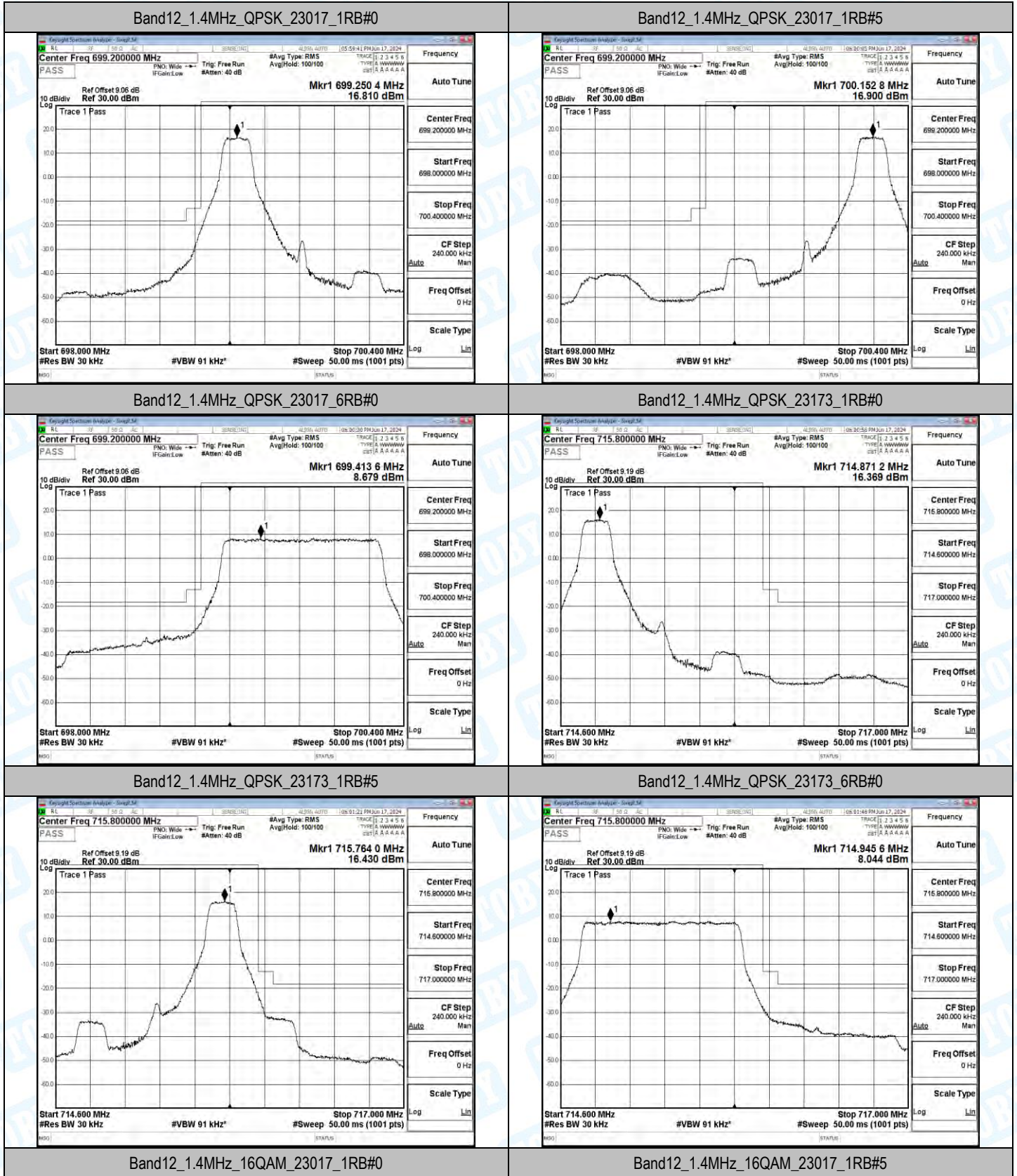
## 4: Band Edge

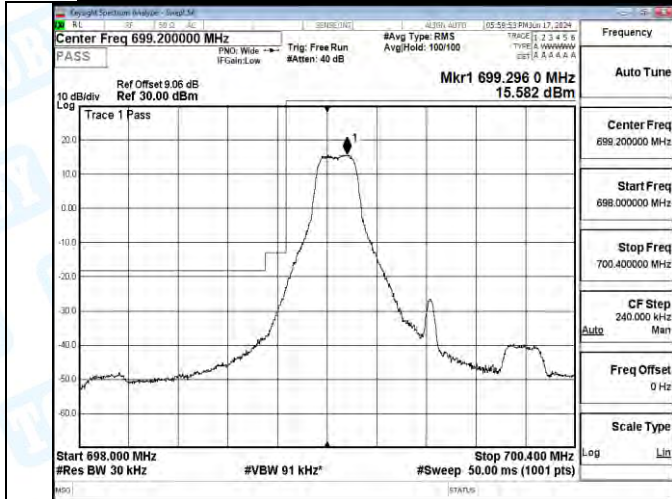
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Level_dBm | Margin | Verdict |
|--------|-----------|------------|---------|------------------|-----------|--------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | -22.64    | 9.64   | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | -40.10    | 21.90  | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | -31.95    | 13.75  | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | -47.89    | 29.69  | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | -24.05    | 11.05  | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | -33.68    | 15.48  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | -23.97    | 10.97  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | -40.99    | 22.79  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | -32.15    | 13.95  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | -48.87    | 30.67  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | -25.60    | 12.60  | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | -33.81    | 15.61  | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | -58.33    | 40.13  | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#14           | -44.79    | 26.59  | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | -26.35    | 13.35  | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | -45.76    | 27.56  | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#14           | -23.53    | 10.53  | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | -28.53    | 15.53  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | -22.23    | 9.23   | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#14           | -45.81    | 27.61  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | -29.24    | 16.24  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#0            | -46.43    | 28.23  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#14           | -23.80    | 10.80  | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | -31.29    | 18.29  | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | -24.53    | 11.53  | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#24           | -57.52    | 39.32  | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | -34.96    | 16.76  | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | -57.67    | 39.47  | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#24           | -25.62    | 12.62  | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | -32.11    | 19.11  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | -24.69    | 11.69  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#24           | -57.53    | 39.33  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | -35.55    | 17.35  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#0            | -57.58    | 39.38  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#24           | -27.26    | 14.26  | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | -38.51    | 20.31  | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | -43.86    | 25.66  | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#49           | -57.32    | 39.12  | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | -36.95    | 18.75  | PASS    |

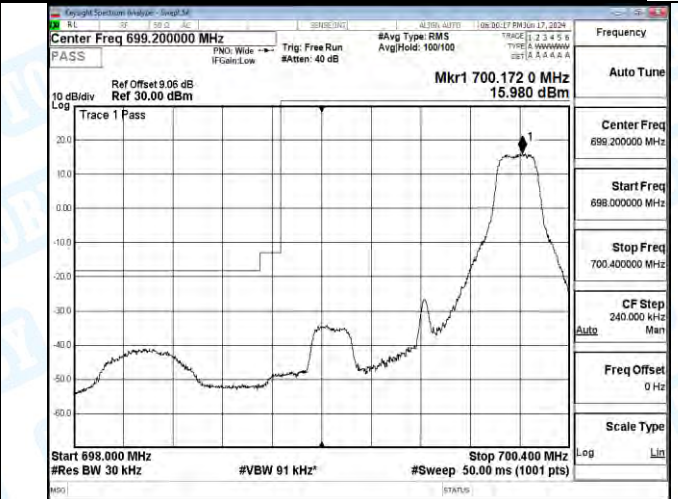
|        |       |       |       |        |        |       |      |
|--------|-------|-------|-------|--------|--------|-------|------|
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | -56.88 | 38.68 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | -45.47 | 27.27 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | -39.41 | 21.21 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | -39.29 | 26.29 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | -57.27 | 39.07 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | -57.08 | 38.88 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | -45.62 | 27.42 | PASS |

## Test Graphs

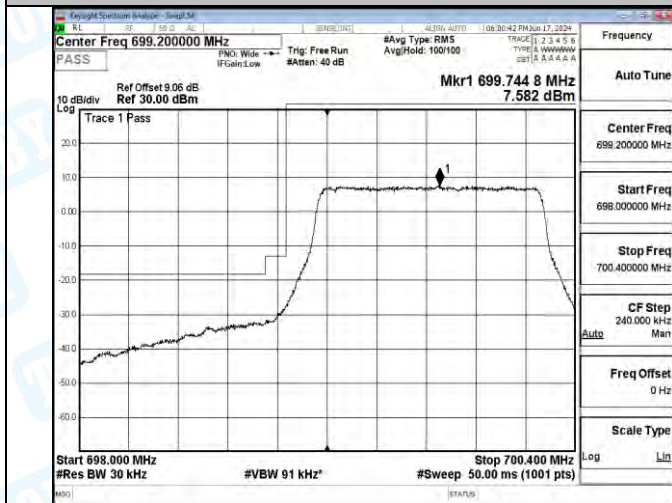




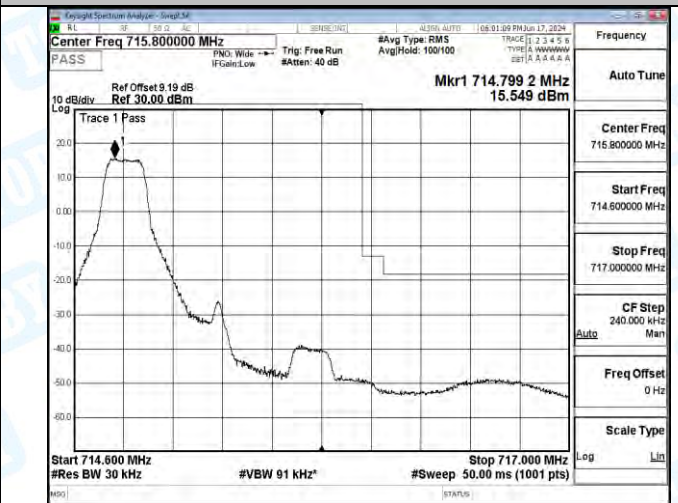
Band12\_1.4MHz\_16QAM\_23017\_6RB#0



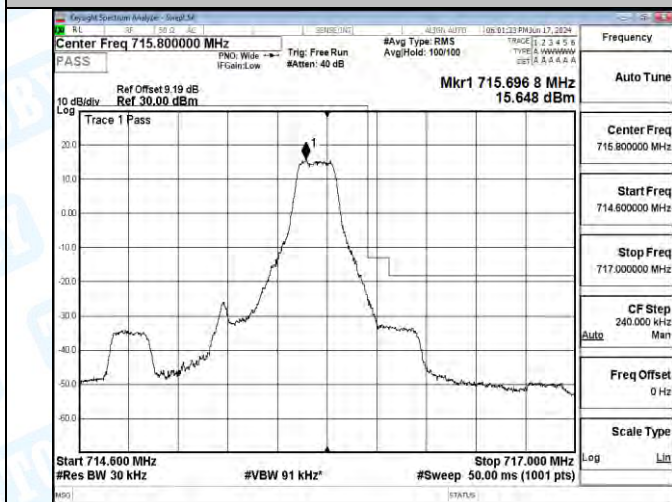
Band12\_1.4MHz\_16QAM\_23173\_1RB#0



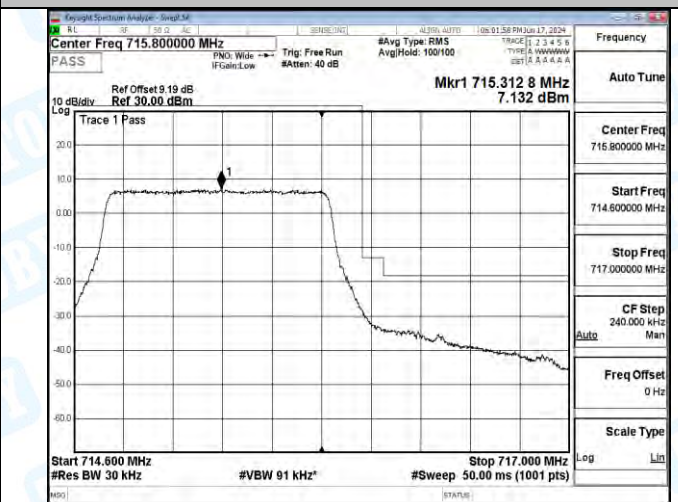
Band12\_1.4MHz\_16QAM\_23173\_1RB#5



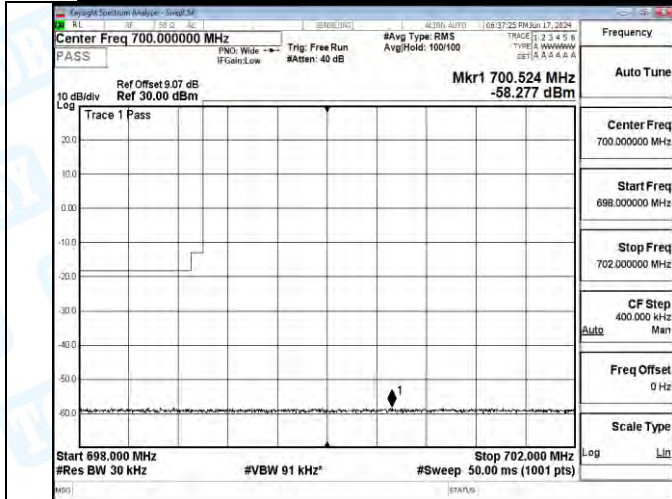
Band12\_1.4MHz\_16QAM\_23173\_6RB#0



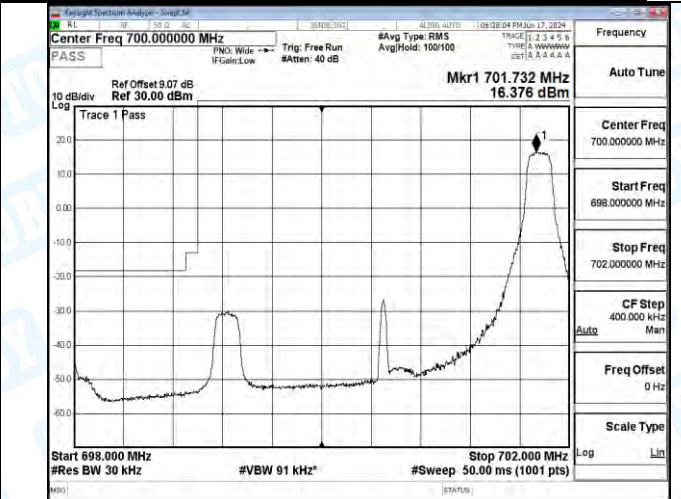
Band12\_3MHz\_QPSK\_23025\_1RB#0



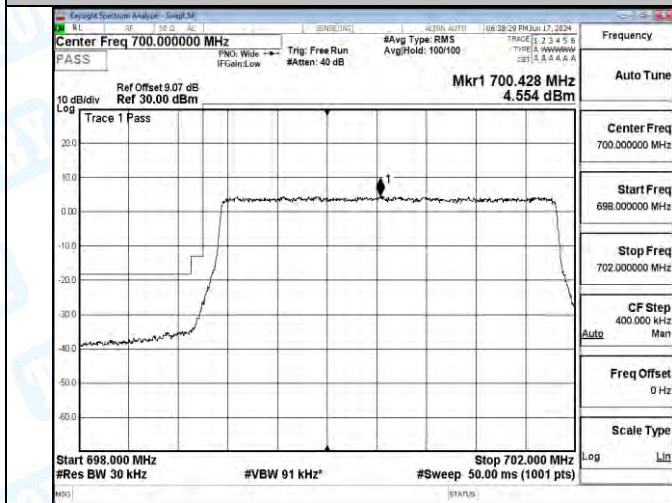
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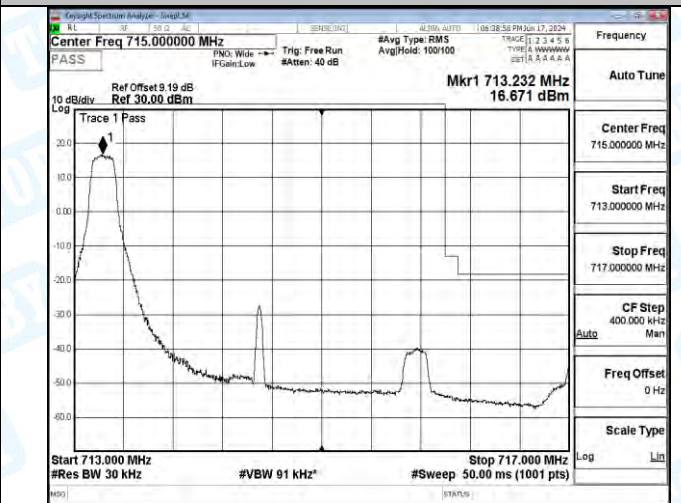
Band12\_3MHz\_QPSK\_23025\_15RB#0



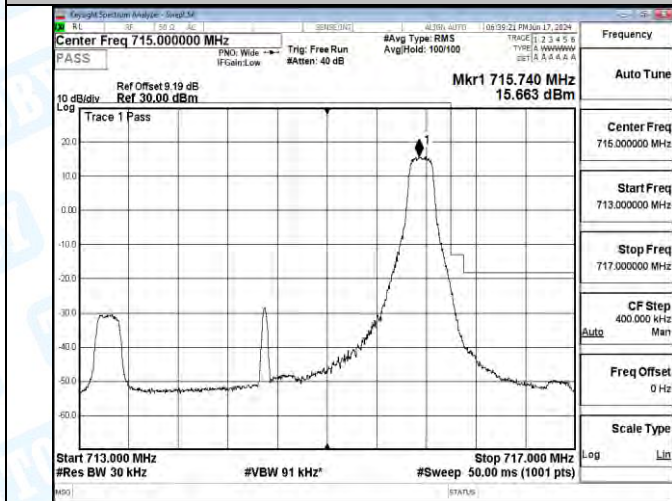
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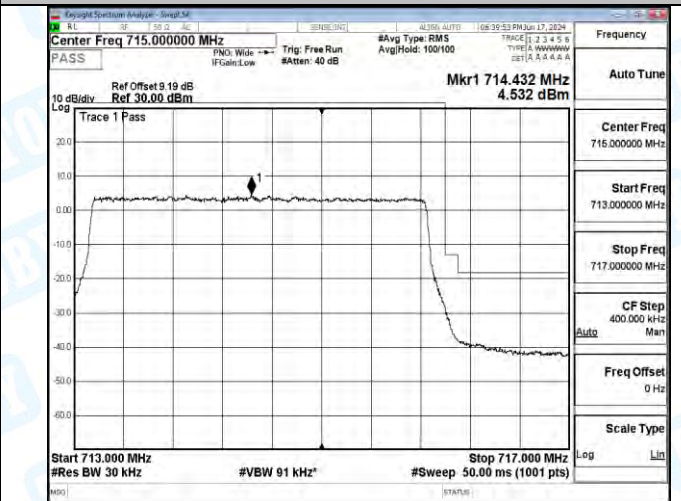
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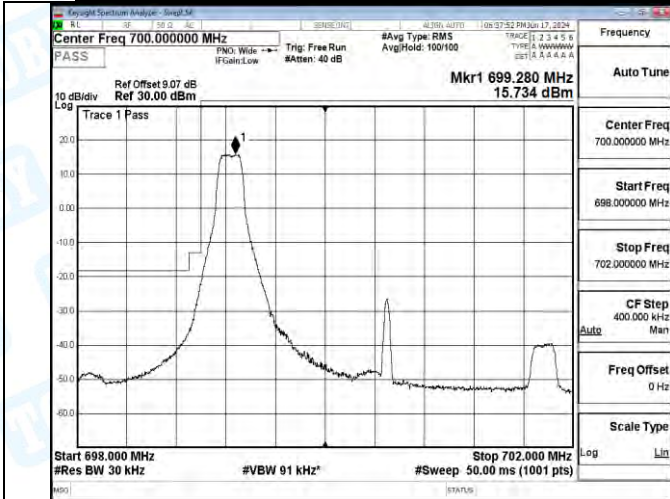
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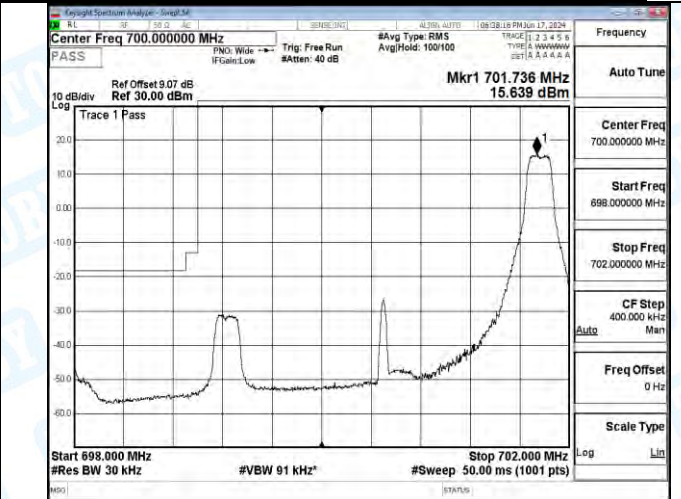
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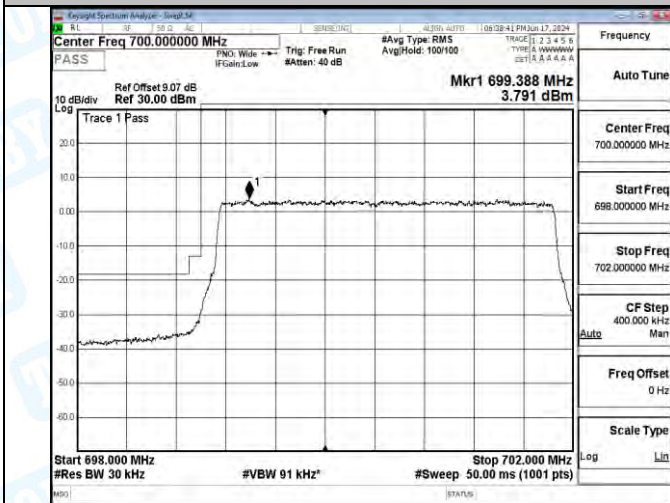
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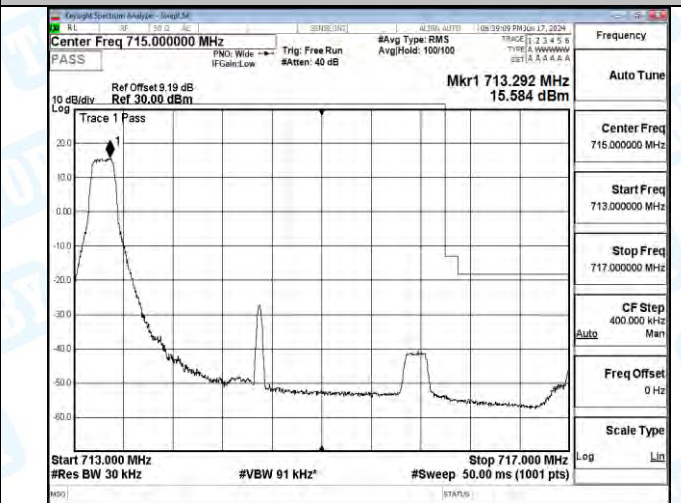
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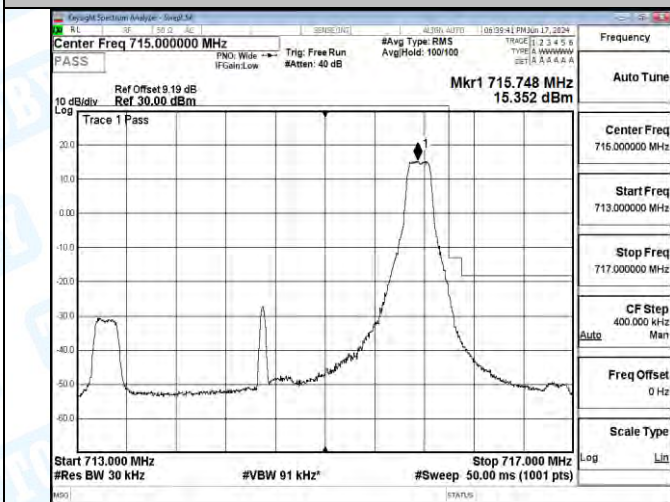
Band12\_3MHz\_16QAM\_23165\_1RB#0



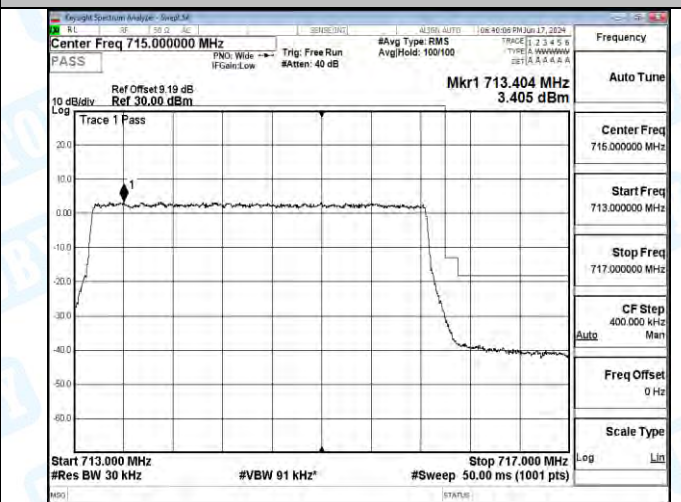
Band12\_3MHz\_16QAM\_23165\_1RB#14



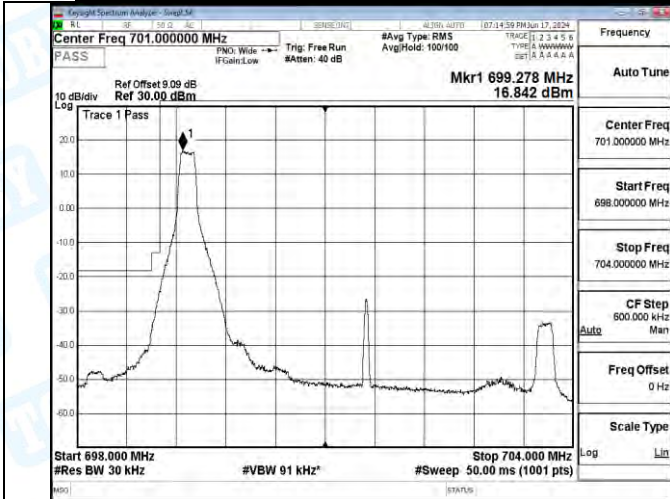
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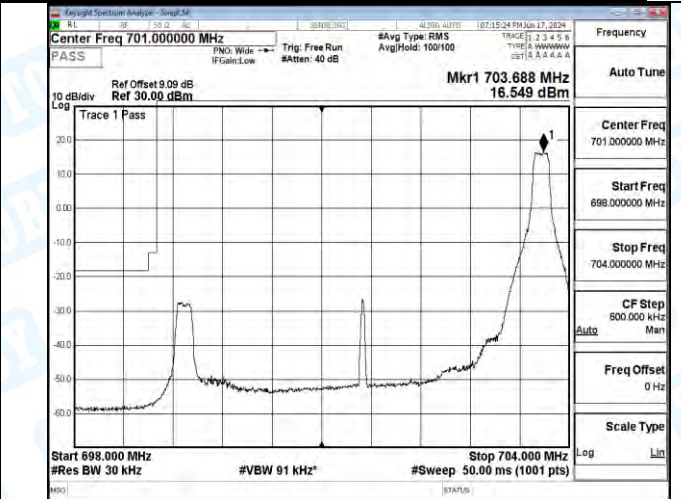
Band12\_5MHz\_QPSK\_23035\_1RB#0



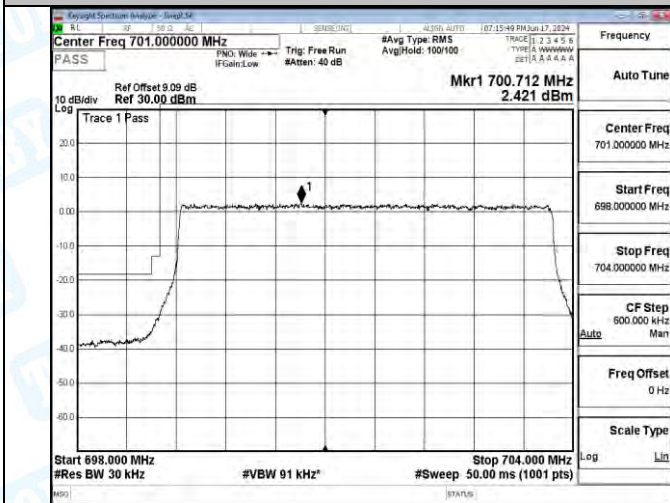
Band12\_5MHz\_QPSK\_23035\_1RB#24



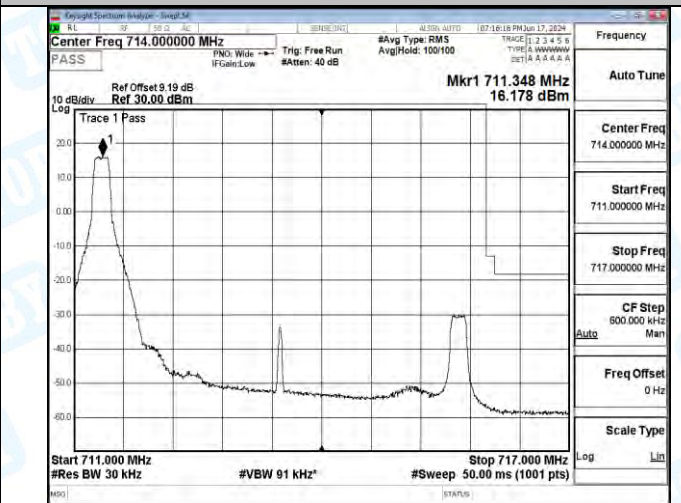
Band12\_5MHz\_QPSK\_23035\_25RB#0



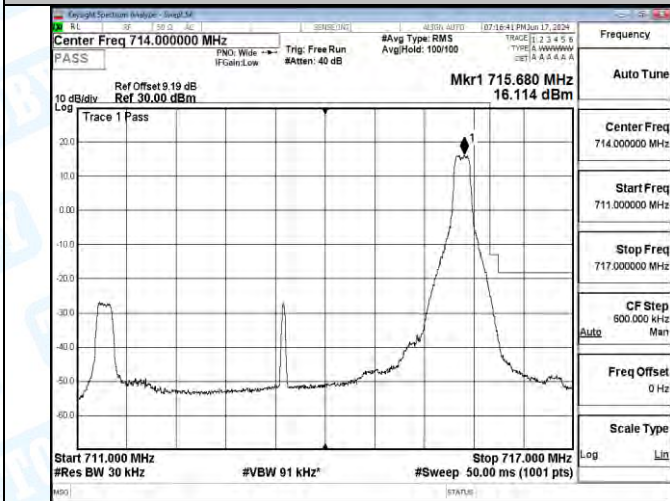
Band12\_5MHz\_QPSK\_23155\_1RB#0



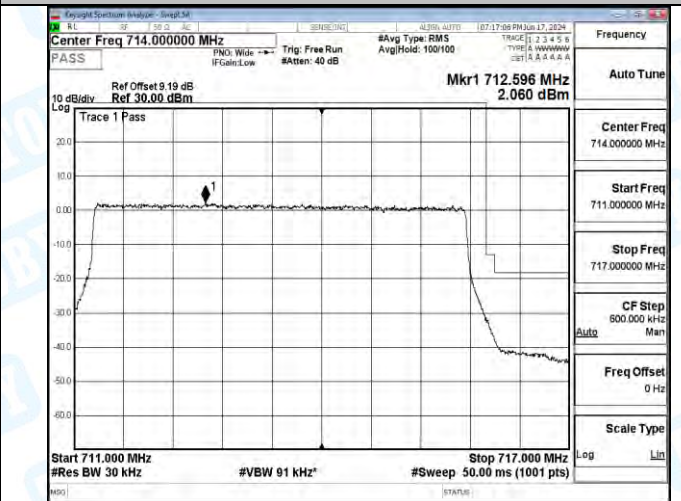
Band12\_5MHz\_QPSK\_23155\_1RB#24



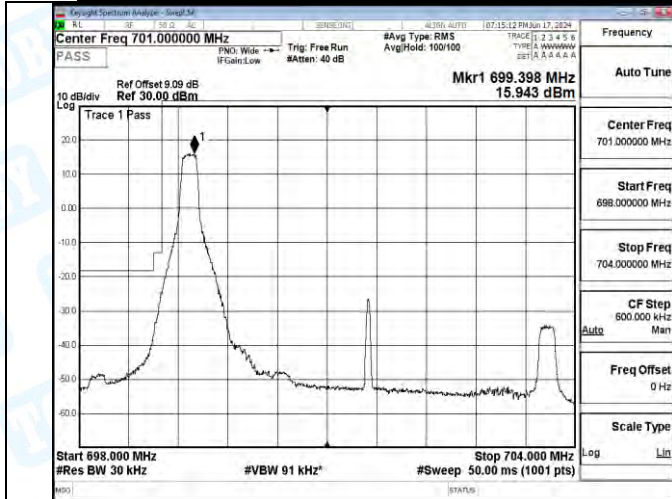
Band12\_5MHz\_QPSK\_23155\_25RB#0



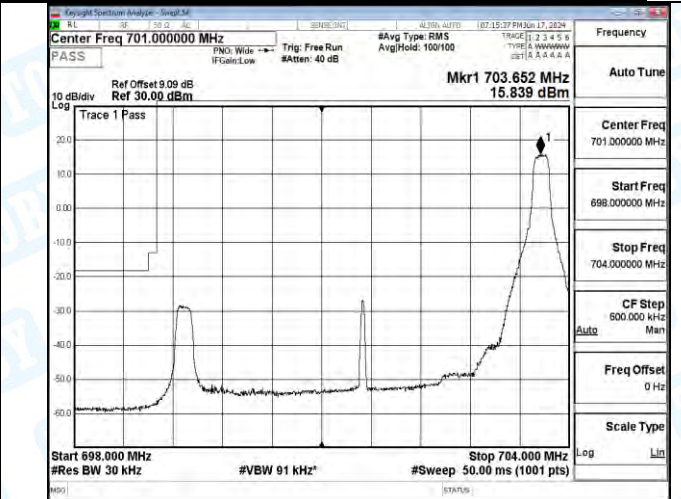
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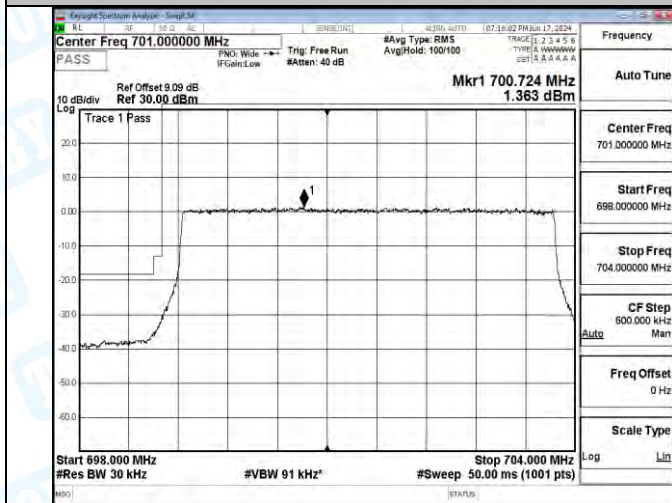
Band12\_5MHz\_16QAM\_23035\_1RB#24



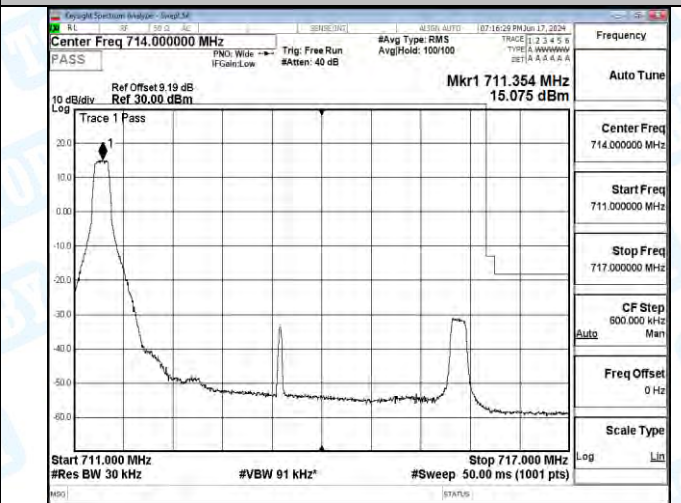
Band12\_5MHz\_16QAM\_23035\_25RB#0



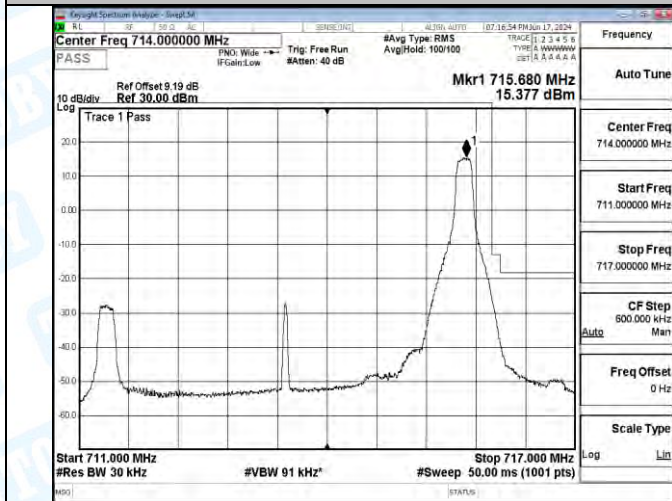
Band12\_5MHz\_16QAM\_23155\_1RB#0



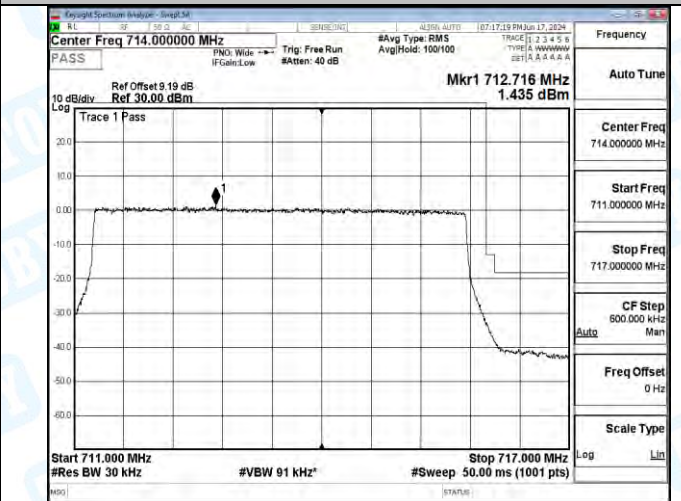
Band12\_5MHz\_16QAM\_23155\_1RB#24



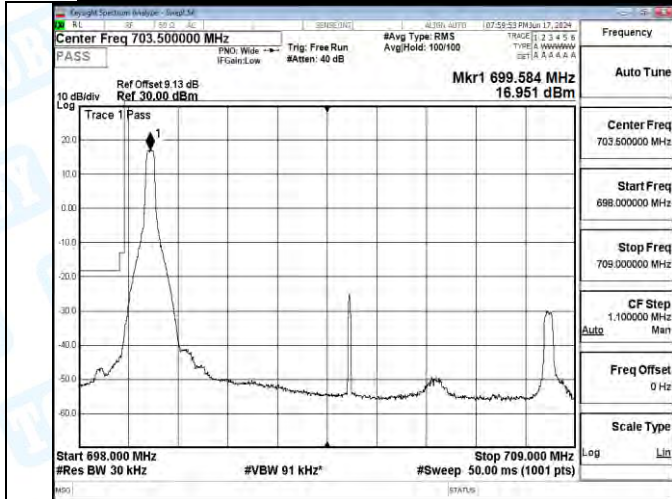
Band12\_5MHz\_16QAM\_23155\_25RB#0



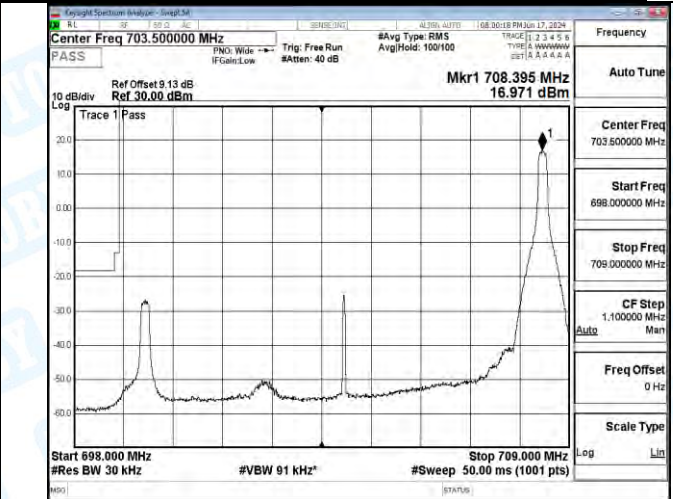
Band12\_10MHz\_QPSK\_23060\_1RB#0



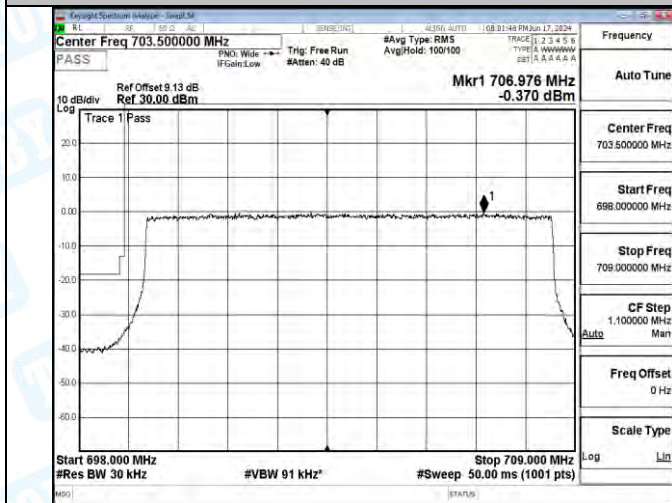
Band12\_10MHz\_QPSK\_23060\_1RB#49



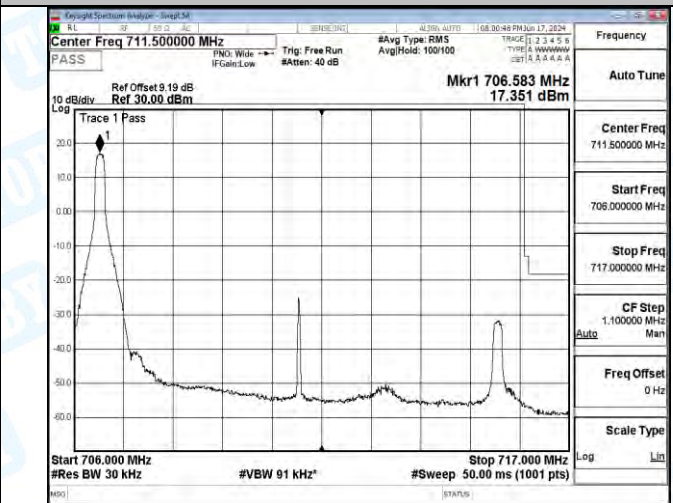
Band12\_10MHz\_QPSK\_23060\_50RB#0



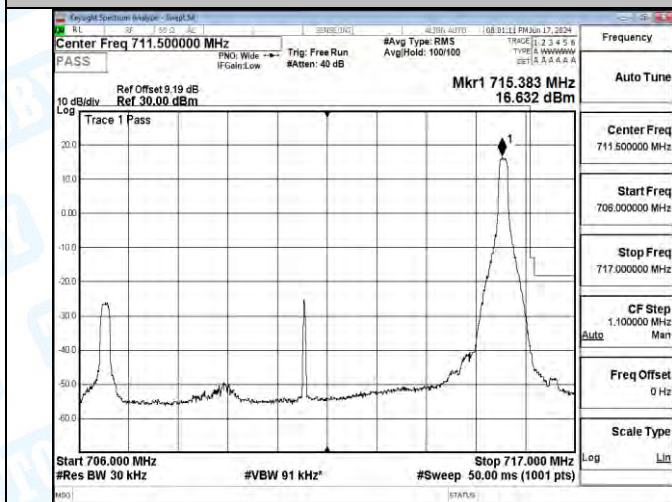
Band12\_10MHz\_QPSK\_23130\_1RB#0



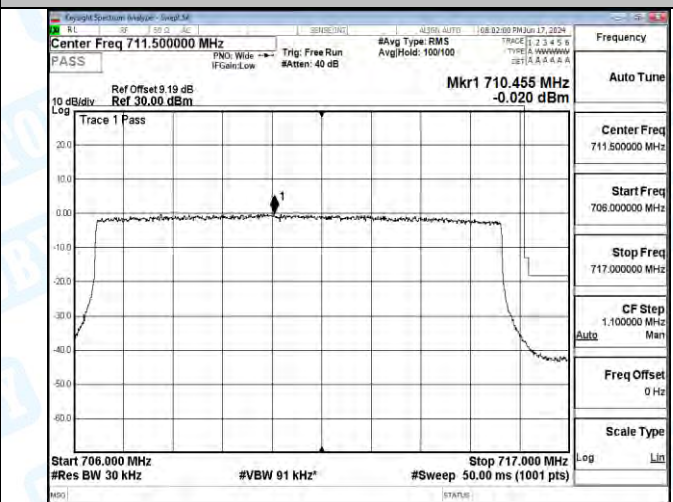
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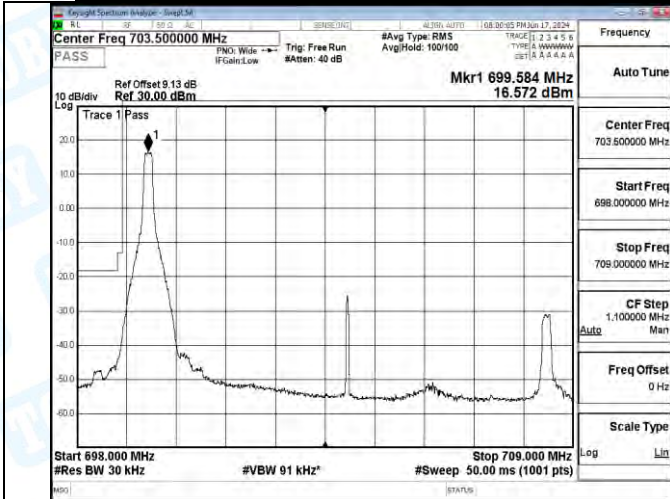
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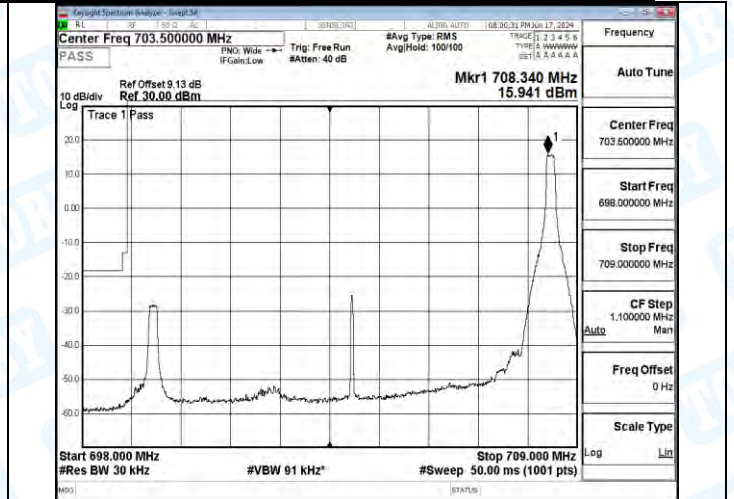
Band12\_10MHz\_16QAM\_23060\_1RB#0



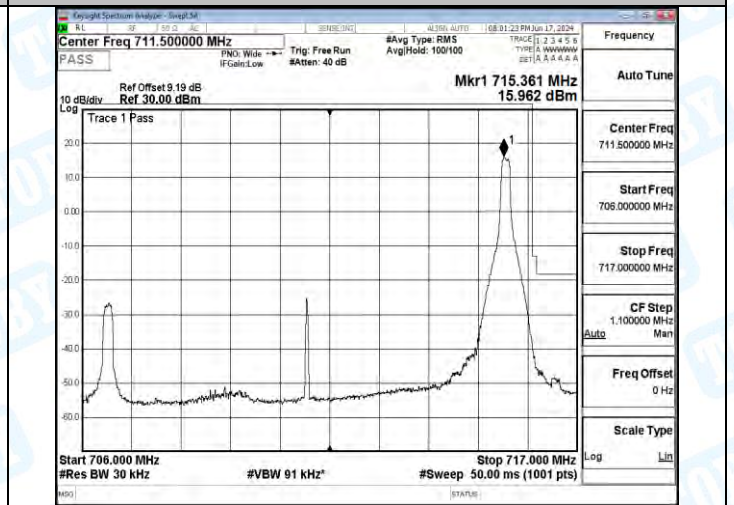
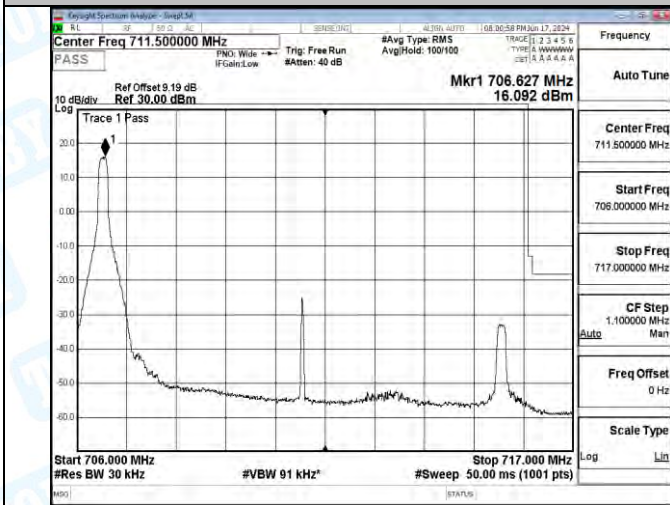
Band12\_10MHz\_16QAM\_23060\_1RB#49



Band12\_10MHz\_16QAM\_23130\_1RB#0



Band12\_10MHz\_16QAM\_23130\_1RB#49



## 5: Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Frequency | Value(dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|-----------|------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 0.009~0.15      | 0.01      | -63.34     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 0.15~30         | 0.15      | -64.98     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 30~1000         | 695.91    | -52.12     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 1000~3000       | 2651.20   | -42.94     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 3000~10000      | 7438.35   | -35.38     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 0.009~0.15      | 0.01      | -61.19     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 0.15~30         | 0.15      | -66.40     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 30~1000         | 703.67    | -52.98     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 1000~3000       | 2532.30   | -42.94     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 3000~10000      | 7389.18   | -35.09     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 0.009~0.15      | 0.01      | -61.49     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 0.15~30         | 0.15      | -63.69     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 30~1000         | 695.91    | -48.31     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1000~3000       | 2672.80   | -42.94     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 3000~10000      | 7371.50   | -34.69     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 0.009~0.15      | 0.01      | -62.20     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 0.15~30         | 0.15      | -62.49     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 30~1000         | 703.67    | -52.55     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 1000~3000       | 2639.60   | -43.08     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 3000~10000      | 7401.25   | -35.16     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 0.009~0.15      | 0.01      | -64.03     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 0.15~30         | 0.15      | -64.45     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 30~1000         | 711.91    | -52.82     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 1000~3000       | 2408.25   | -43.08     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 3000~10000      | 5955.40   | -35.02     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 0.009~0.15      | 0.01      | -64.72     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 0.15~30         | 0.15      | -65.25     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 30~1000         | 703.67    | -49.13     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1000~3000       | 2653.05   | -43.30     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 3000~10000      | 7325.65   | -34.86     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 0.009~0.15      | 0.01      | -62.98     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 0.15~30         | 0.15      | -64.17     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 30~1000         | 711.43    | -53.18     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 1000~3000       | 2658.05   | -43.06     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 3000~10000      | 7363.80   | -35.35     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 0.009~0.15      | 0.01      | -63.96     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 0.15~30         | 0.15      | -66.43     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 30~1000         | 719.19    | -55.21     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 1000~3000       | 2619.85   | -43.00     | -13.0       | PASS    |

|        |        |       |       |       |            |         |        |       |      |
|--------|--------|-------|-------|-------|------------|---------|--------|-------|------|
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#5 | 3000~10000 | 7465.65 | -35.42 | -13.0 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0 | 0.009~0.15 | 0.01    | -62.93 | -33.0 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0 | 0.15~30    | 0.15    | -67.09 | -23.0 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0 | 30~1000    | 711.43  | -48.98 | -13.0 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0 | 1000~3000  | 2648.50 | -42.84 | -13.0 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0 | 3000~10000 | 7379.55 | -34.84 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 0.009~0.15 | 0.01    | -61.92 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 0.15~30    | 0.15    | -64.80 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 30~1000    | 695.91  | -53.40 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 1000~3000  | 2780.40 | -42.96 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 3000~10000 | 7347.53 | -34.98 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 0.009~0.15 | 0.01    | -62.81 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 0.15~30    | 0.15    | -63.72 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 30~1000    | 703.67  | -53.52 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 1000~3000  | 2637.30 | -42.85 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 3000~10000 | 7331.08 | -35.27 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 0.009~0.15 | 0.01    | -64.07 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 0.15~30    | 0.15    | -63.11 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 30~1000    | 695.91  | -48.90 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 1000~3000  | 2657.65 | -43.02 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 3000~10000 | 7409.65 | -35.30 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 0.009~0.15 | 0.01    | -63.20 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 0.15~30    | 0.15    | -66.25 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 30~1000    | 703.67  | -53.40 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 1000~3000  | 2662.35 | -42.80 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 3000~10000 | 7372.20 | -35.35 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 0.009~0.15 | 0.01    | -62.32 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 0.15~30    | 0.15    | -63.61 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 30~1000    | 711.43  | -53.97 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 1000~3000  | 2776.30 | -43.02 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 3000~10000 | 7469.50 | -35.19 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 0.009~0.15 | 0.01    | -62.12 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 0.15~30    | 0.15    | -64.44 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 30~1000    | 703.67  | -50.91 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 1000~3000  | 2635.55 | -42.72 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 3000~10000 | 7396.00 | -35.37 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 0.009~0.15 | 0.01    | -61.34 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 0.15~30    | 0.15    | -66.45 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 30~1000    | 711.43  | -52.94 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 1000~3000  | 2633.65 | -42.72 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 3000~10000 | 7396.00 | -35.28 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 0.009~0.15 | 0.01    | -62.42 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 0.15~30    | 0.15    | -65.85 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 30~1000    | 711.43  | -56.37 | -13.0 | PASS |

|        |        |       |       |        |            |         |        |       |      |
|--------|--------|-------|-------|--------|------------|---------|--------|-------|------|
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 1000~3000  | 2685.90 | -43.11 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 3000~10000 | 7363.45 | -35.01 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 0.009~0.15 | 0.01    | -62.46 | -33.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 0.15~30    | 0.15    | -66.92 | -23.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 30~1000    | 711.43  | -49.71 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 1000~3000  | 2658.85 | -43.12 | -13.0 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 3000~10000 | 7380.95 | -35.06 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 0.009~0.15 | 0.01    | -60.49 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 0.15~30    | 0.15    | -64.03 | -23.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 30~1000    | 818.61  | -59.48 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 1000~3000  | 2621.60 | -43.12 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 3000~10000 | 7351.55 | -35.31 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 0.009~0.15 | 0.01    | -63.36 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 0.15~30    | 0.15    | -64.83 | -23.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 30~1000    | 711.91  | -59.09 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 1000~3000  | 2640.00 | -43.07 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 3000~10000 | 7419.63 | -35.04 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 0.009~0.15 | 0.01    | -62.23 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 0.15~30    | 0.15    | -65.16 | -23.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 30~1000    | 708.03  | -51.08 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 1000~3000  | 2713.25 | -43.00 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 3000~10000 | 7386.20 | -35.39 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 0.009~0.15 | 0.01    | -63.02 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 0.15~30    | 0.15    | -64.54 | -23.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 30~1000    | 965.08  | -59.62 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 1000~3000  | 2799.45 | -43.06 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 3000~10000 | 7373.78 | -35.30 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 0.009~0.15 | 0.01    | -62.30 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 0.15~30    | 0.15    | -66.98 | -23.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 30~1000    | 715.79  | -56.61 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 1000~3000  | 2736.30 | -42.74 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 3000~10000 | 7363.45 | -34.59 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 0.009~0.15 | 0.01    | -61.14 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 0.15~30    | 0.15    | -64.74 | -23.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 30~1000    | 699.30  | -50.05 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 1000~3000  | 2627.80 | -43.34 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 3000~10000 | 7377.45 | -35.13 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 0.009~0.15 | 0.01    | -63.00 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 0.15~30    | 0.15    | -66.71 | -23.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 30~1000    | 706.58  | -59.43 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 1000~3000  | 2664.00 | -43.05 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 3000~10000 | 7397.93 | -35.40 | -13.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 0.009~0.15 | 0.01    | -61.91 | -33.0 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 0.15~30    | 0.15    | -65.00 | -23.0 | PASS |

|        |      |       |       |        |            |         |        |       |      |
|--------|------|-------|-------|--------|------------|---------|--------|-------|------|
| Band12 | 3MHz | QPSK  | 23165 | 1RB#14 | 30~1000    | 913.19  | -59.48 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#14 | 1000~3000  | 2674.20 | -42.83 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#14 | 3000~10000 | 7370.98 | -35.39 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | 0.009~0.15 | 0.01    | -63.09 | -33.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | 0.15~30    | 0.15    | -67.08 | -23.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | 30~1000    | 706.58  | -49.35 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | 1000~3000  | 2651.15 | -43.10 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 15RB#0 | 3000~10000 | 7355.40 | -35.18 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0  | 0.009~0.15 | 0.01    | -60.89 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0  | 0.15~30    | 0.15    | -66.41 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0  | 30~1000    | 904.46  | -59.46 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0  | 1000~3000  | 2645.90 | -43.04 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0  | 3000~10000 | 7584.48 | -35.28 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 0.009~0.15 | 0.01    | -62.50 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 0.15~30    | 0.15    | -65.54 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 30~1000    | 503.36  | -59.47 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 1000~3000  | 2655.80 | -42.95 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 3000~10000 | 7365.73 | -34.97 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 0.009~0.15 | 0.01    | -61.85 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 0.15~30    | 0.15    | -65.31 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 30~1000    | 886.03  | -59.70 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 1000~3000  | 2468.60 | -42.52 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 3000~10000 | 7363.45 | -35.14 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0  | 0.009~0.15 | 0.01    | -64.87 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0  | 0.15~30    | 0.15    | -63.93 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0  | 30~1000    | 941.32  | -59.46 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0  | 1000~3000  | 2645.85 | -43.07 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0  | 3000~10000 | 7417.00 | -35.16 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 0.009~0.15 | 0.01    | -62.42 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 0.15~30    | 0.15    | -63.87 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 30~1000    | 699.30  | -59.45 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 1000~3000  | 2786.45 | -42.92 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 3000~10000 | 7402.13 | -35.37 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 0.009~0.15 | 0.01    | -63.43 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 0.15~30    | 0.15    | -64.42 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 30~1000    | 699.79  | -51.70 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 1000~3000  | 2643.45 | -42.86 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 3000~10000 | 7335.10 | -34.66 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0  | 0.009~0.15 | 0.01    | -61.71 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0  | 0.15~30    | 0.15    | -66.13 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0  | 30~1000    | 808.91  | -59.65 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0  | 1000~3000  | 2687.10 | -42.92 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0  | 3000~10000 | 7418.05 | -35.53 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 0.009~0.15 | 0.01    | -63.06 | -33.0 | PASS |

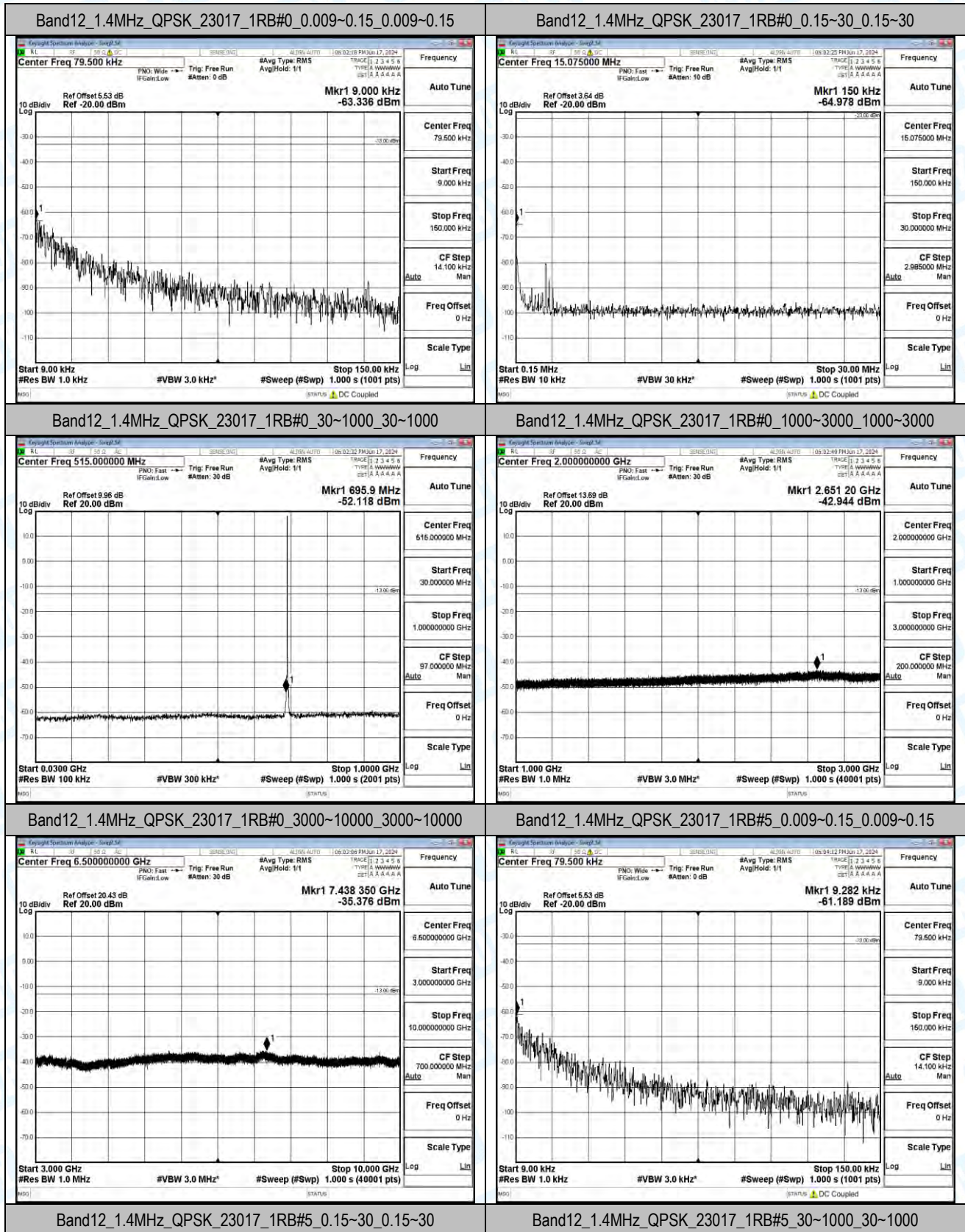
|        |      |       |       |        |            |         |        |       |      |
|--------|------|-------|-------|--------|------------|---------|--------|-------|------|
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 0.15~30    | 0.15    | -63.55 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 30~1000    | 701.24  | -59.35 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 1000~3000  | 2641.35 | -42.94 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 3000~10000 | 7383.05 | -35.46 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 0.009~0.15 | 0.01    | -62.70 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 0.15~30    | 0.15    | -64.32 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 30~1000    | 706.58  | -50.86 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 1000~3000  | 2767.30 | -43.22 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 3000~10000 | 7372.03 | -35.05 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0  | 0.009~0.15 | 0.01    | -63.90 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0  | 0.15~30    | 0.15    | -66.85 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0  | 30~1000    | 870.99  | -59.35 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0  | 1000~3000  | 2643.60 | -42.97 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0  | 3000~10000 | 7363.10 | -35.00 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24 | 0.009~0.15 | 0.01    | -65.96 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24 | 0.15~30    | 0.15    | -64.51 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24 | 30~1000    | 719.67  | -59.55 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24 | 1000~3000  | 2744.15 | -43.21 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24 | 3000~10000 | 7348.58 | -35.20 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | 0.009~0.15 | 0.01    | -63.64 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | 0.15~30    | 0.18    | -67.71 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | 30~1000    | 714.82  | -52.10 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | 1000~3000  | 2653.65 | -43.09 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0 | 3000~10000 | 7384.98 | -35.27 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0  | 0.009~0.15 | 0.01    | -64.01 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0  | 0.15~30    | 0.15    | -66.80 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0  | 30~1000    | 967.02  | -59.37 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0  | 1000~3000  | 2667.95 | -42.96 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0  | 3000~10000 | 7371.85 | -34.98 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24 | 0.009~0.15 | 0.01    | -61.77 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24 | 0.15~30    | 0.15    | -66.34 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24 | 30~1000    | 771.57  | -59.51 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24 | 1000~3000  | 2647.60 | -43.14 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24 | 3000~10000 | 7338.43 | -35.64 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | 0.009~0.15 | 0.01    | -63.01 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | 0.15~30    | 0.15    | -64.79 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | 30~1000    | 694.45  | -51.95 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | 1000~3000  | 2672.40 | -43.01 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0 | 3000~10000 | 6111.33 | -35.24 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0  | 0.009~0.15 | 0.01    | -62.72 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0  | 0.15~30    | 0.15    | -63.92 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0  | 30~1000    | 931.62  | -59.52 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0  | 1000~3000  | 2637.00 | -43.06 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0  | 3000~10000 | 7372.20 | -35.41 | -13.0 | PASS |

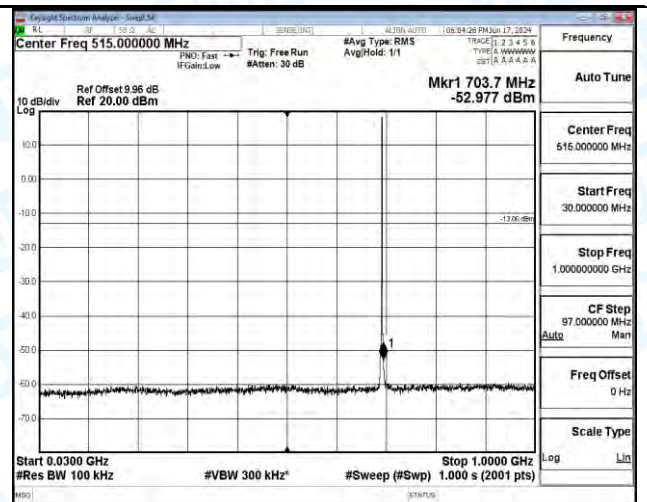
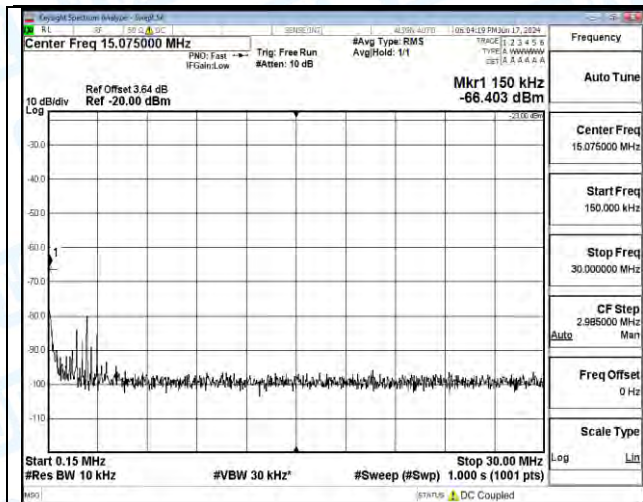
|        |      |       |       |        |            |         |        |       |      |
|--------|------|-------|-------|--------|------------|---------|--------|-------|------|
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24 | 0.009~0.15 | 0.01    | -63.73 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24 | 0.15~30    | 0.15    | -64.46 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24 | 30~1000    | 965.08  | -59.42 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24 | 1000~3000  | 2669.50 | -42.88 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24 | 3000~10000 | 7388.13 | -35.47 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | 0.009~0.15 | 0.01    | -60.66 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | 0.15~30    | 0.15    | -62.86 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | 30~1000    | 700.76  | -51.52 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | 1000~3000  | 2683.60 | -42.93 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0 | 3000~10000 | 7365.73 | -35.29 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0  | 0.009~0.15 | 0.01    | -59.26 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0  | 0.15~30    | 0.15    | -65.90 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0  | 30~1000    | 495.12  | -59.59 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0  | 1000~3000  | 2664.75 | -42.93 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0  | 3000~10000 | 7453.75 | -35.13 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 0.009~0.15 | 0.01    | -61.39 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 0.15~30    | 0.15    | -66.36 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 30~1000    | 957.32  | -59.60 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 1000~3000  | 2661.55 | -43.09 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 3000~10000 | 7371.50 | -35.15 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 0.009~0.15 | 0.01    | -65.53 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 0.15~30    | 0.15    | -67.16 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 30~1000    | 714.34  | -53.98 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 1000~3000  | 2669.65 | -43.25 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 3000~10000 | 7369.93 | -35.22 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0  | 0.009~0.15 | 0.01    | -59.81 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0  | 0.15~30    | 0.15    | -64.68 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0  | 30~1000    | 983.51  | -59.48 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0  | 1000~3000  | 2646.15 | -42.94 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0  | 3000~10000 | 7386.55 | -35.46 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 0.009~0.15 | 0.01    | -63.60 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 0.15~30    | 0.15    | -64.50 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 30~1000    | 909.79  | -59.14 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 1000~3000  | 2649.85 | -42.84 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 3000~10000 | 7415.08 | -35.08 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 0.009~0.15 | 0.01    | -65.31 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 0.15~30    | 0.15    | -65.67 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 30~1000    | 694.45  | -53.56 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 1000~3000  | 2527.10 | -43.11 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 3000~10000 | 7340.35 | -35.12 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0  | 0.009~0.15 | 0.01    | -66.14 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0  | 0.15~30    | 0.15    | -64.99 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0  | 30~1000    | 950.53  | -59.42 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0  | 1000~3000  | 2667.65 | -43.22 | -13.0 | PASS |

|        |       |       |       |        |            |         |        |       |      |
|--------|-------|-------|-------|--------|------------|---------|--------|-------|------|
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0  | 3000~10000 | 7364.33 | -35.35 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24 | 0.009~0.15 | 0.01    | -63.91 | -33.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24 | 0.15~30    | 0.15    | -65.82 | -23.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24 | 30~1000    | 886.03  | -59.42 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24 | 1000~3000  | 2644.40 | -42.70 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24 | 3000~10000 | 7369.58 | -35.58 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | 0.009~0.15 | 0.01    | -64.76 | -33.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | 0.15~30    | 0.15    | -63.73 | -23.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | 30~1000    | 700.27  | -52.21 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | 1000~3000  | 2668.45 | -43.04 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | 3000~10000 | 7472.83 | -35.31 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | 0.009~0.15 | 0.01    | -62.85 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | 0.15~30    | 0.15    | -64.69 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | 30~1000    | 939.86  | -59.40 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | 1000~3000  | 2999.15 | -43.06 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | 3000~10000 | 7347.88 | -35.25 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49 | 0.009~0.15 | 0.01    | -63.68 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49 | 0.15~30    | 0.15    | -65.27 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49 | 30~1000    | 882.63  | -59.46 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49 | 1000~3000  | 2681.80 | -43.04 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49 | 3000~10000 | 7362.58 | -35.33 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | 0.009~0.15 | 0.01    | -63.59 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | 0.15~30    | 0.15    | -67.57 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | 30~1000    | 767.20  | -59.45 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | 1000~3000  | 2780.50 | -42.53 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | 3000~10000 | 7360.30 | -35.39 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0  | 0.009~0.15 | 0.01    | -62.79 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0  | 0.15~30    | 0.15    | -63.81 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0  | 30~1000    | 781.75  | -59.63 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0  | 1000~3000  | 2620.05 | -43.26 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0  | 3000~10000 | 7352.78 | -34.89 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49 | 0.009~0.15 | 0.01    | -62.84 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49 | 0.15~30    | 0.15    | -65.68 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49 | 30~1000    | 893.79  | -59.53 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49 | 1000~3000  | 2667.90 | -42.85 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49 | 3000~10000 | 7367.48 | -35.23 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 0.009~0.15 | 0.01    | -64.42 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 0.15~30    | 0.15    | -64.58 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 30~1000    | 900.09  | -59.74 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 1000~3000  | 2646.45 | -43.18 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 3000~10000 | 7383.05 | -35.05 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 0.009~0.15 | 0.01    | -63.45 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 0.15~30    | 0.15    | -65.41 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 30~1000    | 925.80  | -59.32 | -13.0 | PASS |

|        |       |       |       |        |            |         |        |       |      |
|--------|-------|-------|-------|--------|------------|---------|--------|-------|------|
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 1000~3000  | 2758.55 | -43.34 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 3000~10000 | 6045.00 | -35.28 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | 0.009~0.15 | 0.01    | -61.65 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | 0.15~30    | 0.15    | -66.48 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | 30~1000    | 887.00  | -59.46 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | 1000~3000  | 2645.80 | -42.15 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | 3000~10000 | 7394.25 | -35.04 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 0.009~0.15 | 0.01    | -63.97 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 0.15~30    | 0.15    | -62.50 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 30~1000    | 913.67  | -59.23 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 1000~3000  | 2669.10 | -42.90 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 3000~10000 | 7360.65 | -34.79 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 0.009~0.15 | 0.01    | -63.16 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 0.15~30    | 0.15    | -64.98 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 30~1000    | 972.36  | -59.33 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 1000~3000  | 2658.75 | -43.00 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 3000~10000 | 7362.93 | -35.35 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 0.009~0.15 | 0.01    | -64.81 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 0.15~30    | 0.15    | -65.95 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 30~1000    | 893.79  | -59.38 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 1000~3000  | 2676.50 | -43.04 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 3000~10000 | 7407.38 | -35.08 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 0.009~0.15 | 0.01    | -60.87 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 0.15~30    | 0.15    | -66.34 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 30~1000    | 752.65  | -59.58 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 1000~3000  | 2683.80 | -43.11 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 3000~10000 | 7365.38 | -35.06 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 0.009~0.15 | 0.01    | -62.05 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 0.15~30    | 0.15    | -64.02 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 30~1000    | 821.52  | -59.50 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 1000~3000  | 2741.40 | -42.98 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 3000~10000 | 7290.83 | -34.92 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 0.009~0.15 | 0.01    | -64.90 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 0.15~30    | 0.15    | -64.58 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 30~1000    | 912.70  | -59.45 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 1000~3000  | 2704.30 | -43.21 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 3000~10000 | 7394.60 | -34.96 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 0.009~0.15 | 0.01    | -60.66 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 0.15~30    | 0.15    | -65.02 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 30~1000    | 927.74  | -59.50 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 1000~3000  | 2640.25 | -42.84 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 3000~10000 | 7379.73 | -35.28 | -13.0 | PASS |

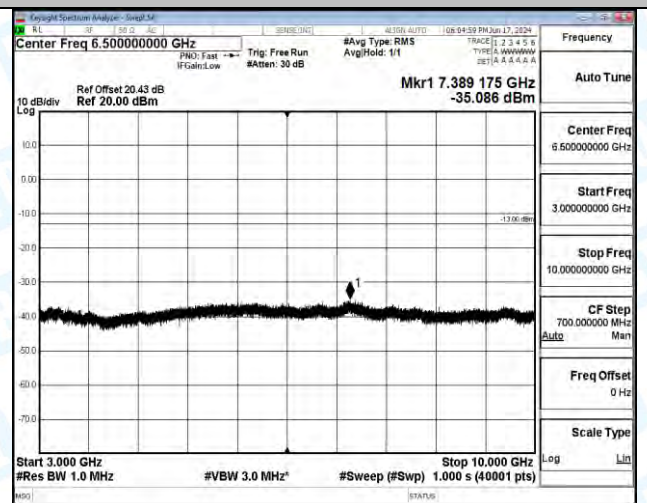
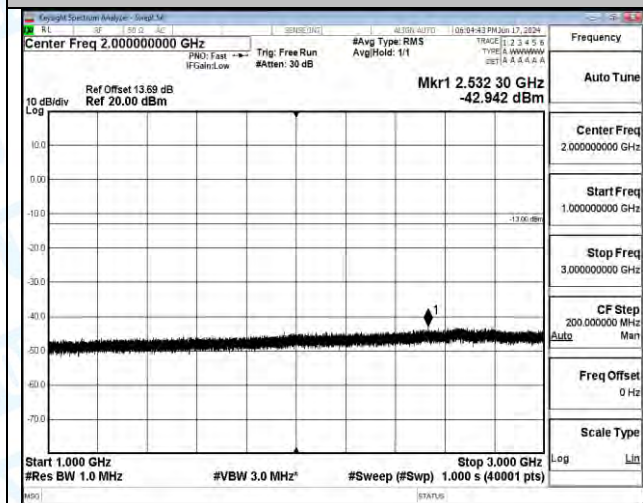
## Test Graphs





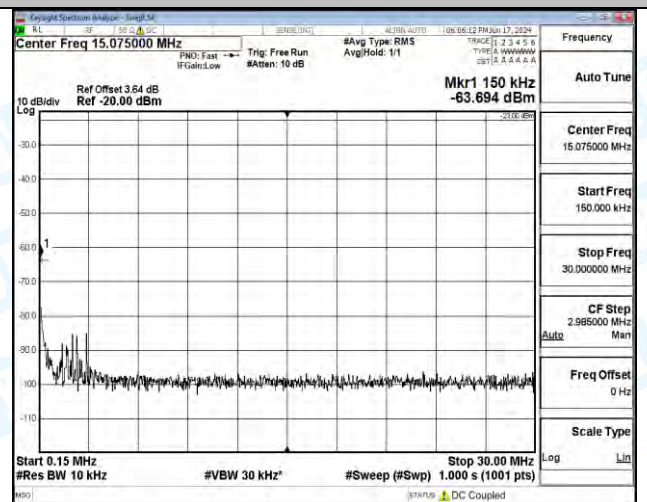
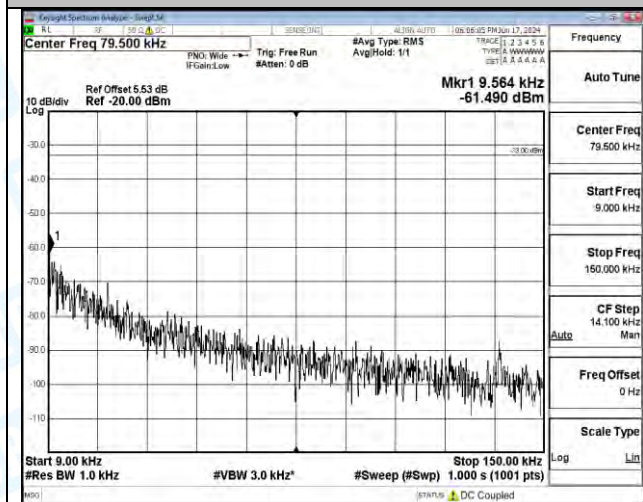
Band12\_1.4MHz\_QPSK\_23017\_1RB#5\_1000~3000\_1000~3000

Band12\_1.4MHz\_QPSK\_23017\_1RB#5\_3000~10000\_3000~10000



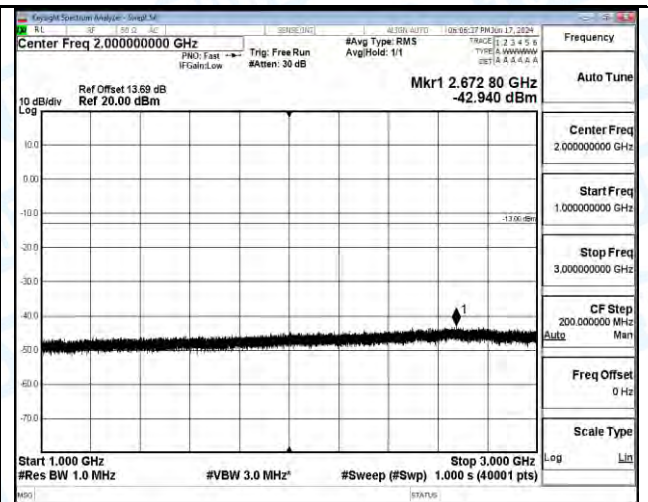
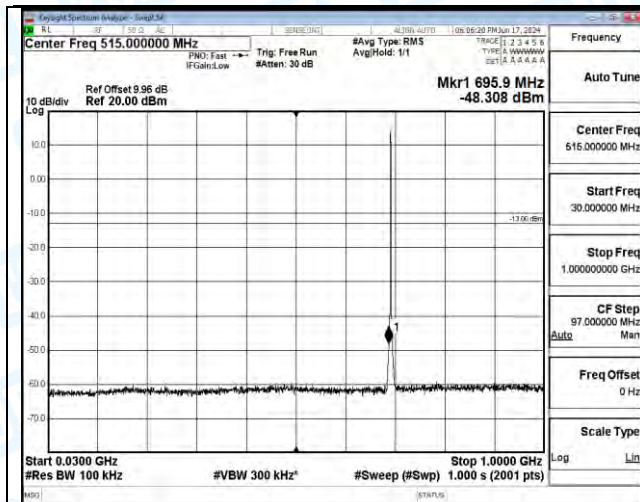
Band12\_1.4MHz\_QPSK\_23017\_6RB#0\_0.009~0.15\_0.009~0.15

Band12\_1.4MHz\_QPSK\_23017\_6RB#0\_0.15~30\_0.15~30



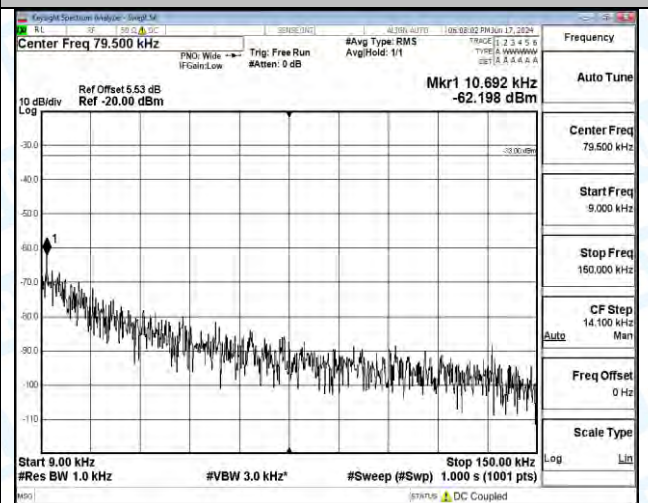
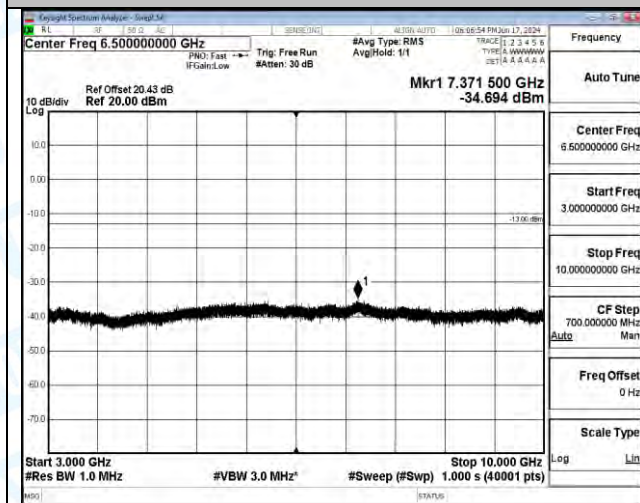
Band12\_1.4MHz\_QPSK\_23017\_6RB#0\_30~1000\_30~1000

Band12\_1.4MHz\_QPSK\_23017\_6RB#0\_1000~3000\_1000~3000



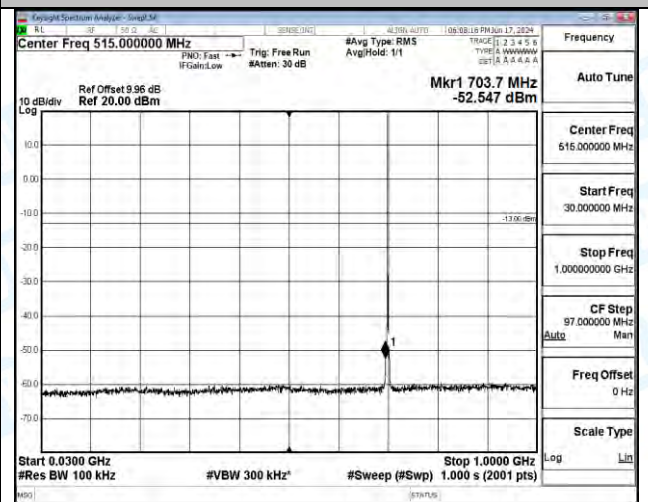
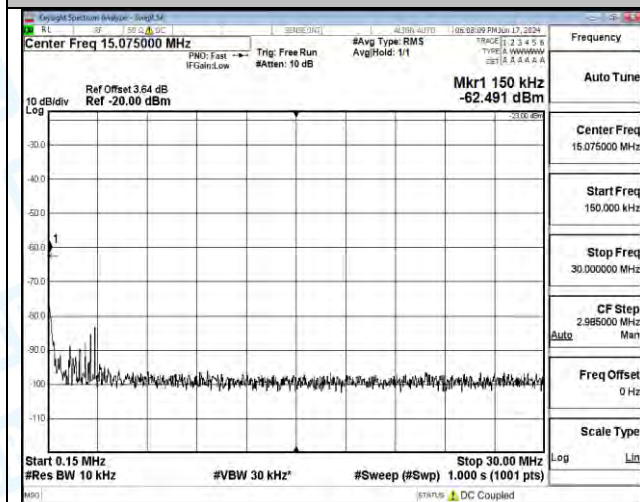
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Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_0.009~0.15\_0.009~0.15



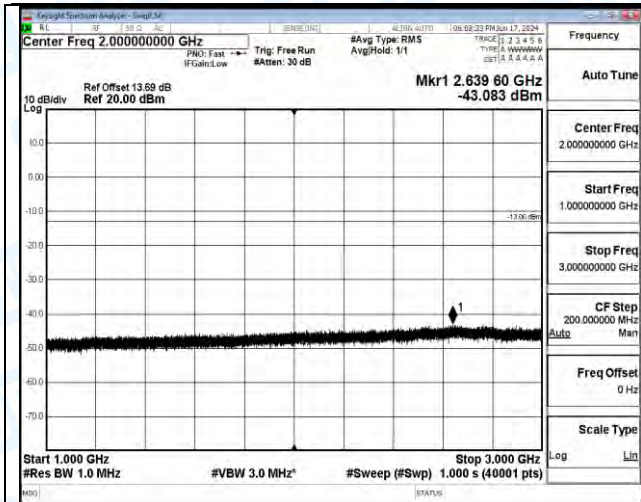
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Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_30~1000\_30~1000

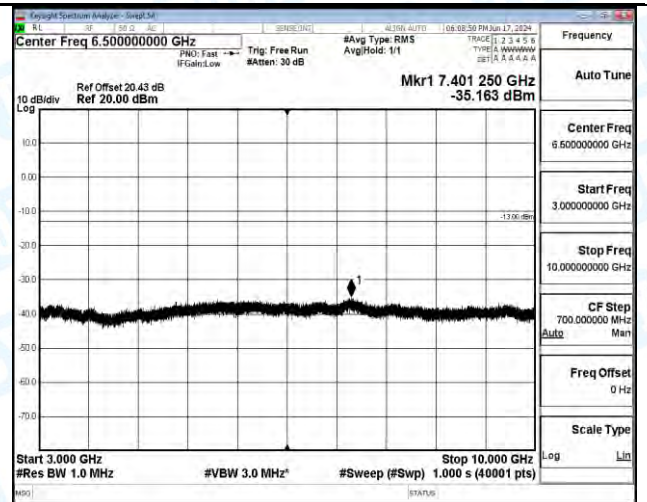


Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_1000~3000\_1000~3000

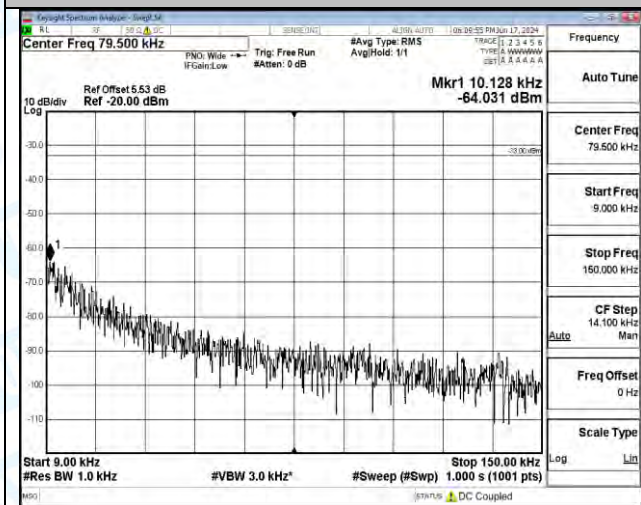
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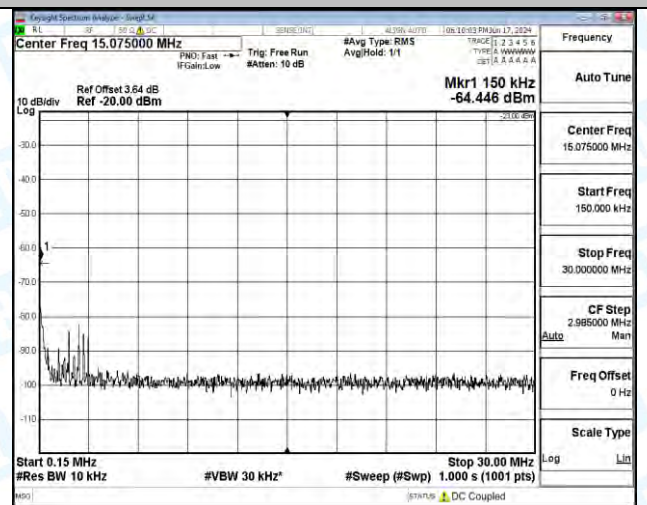
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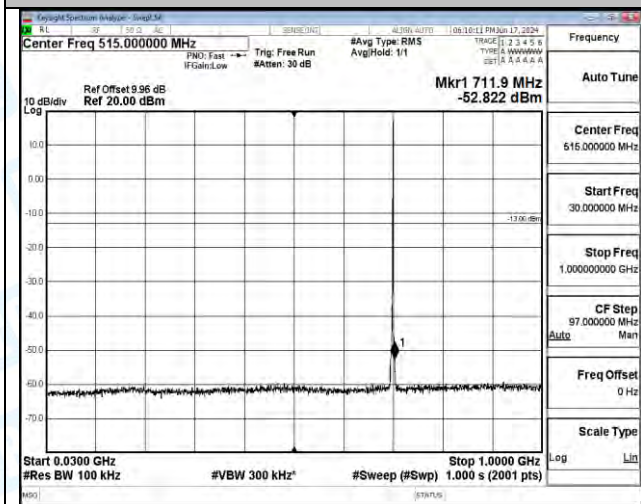
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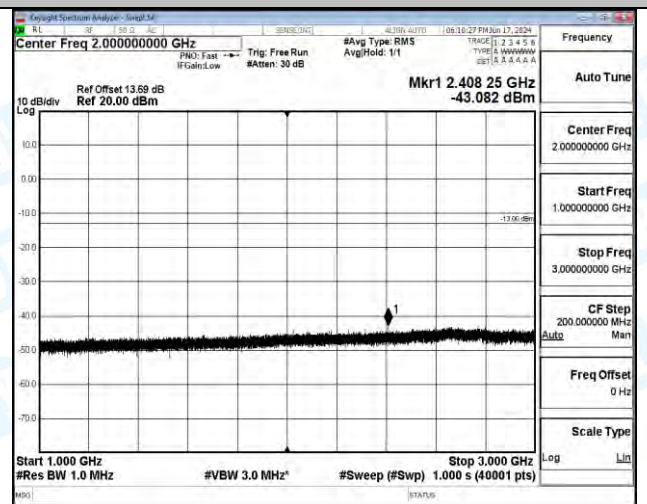
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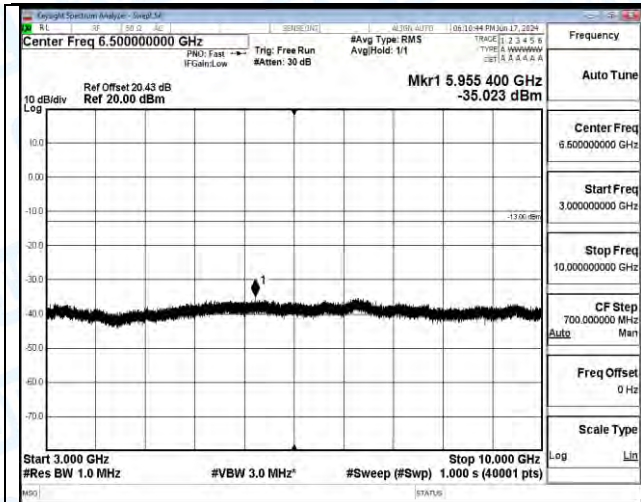
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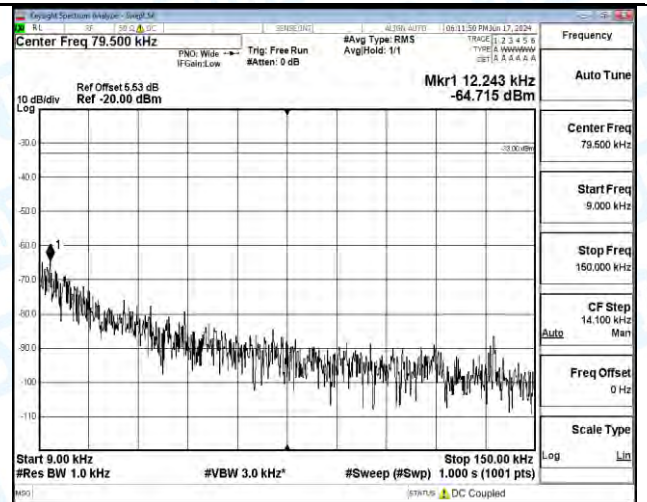
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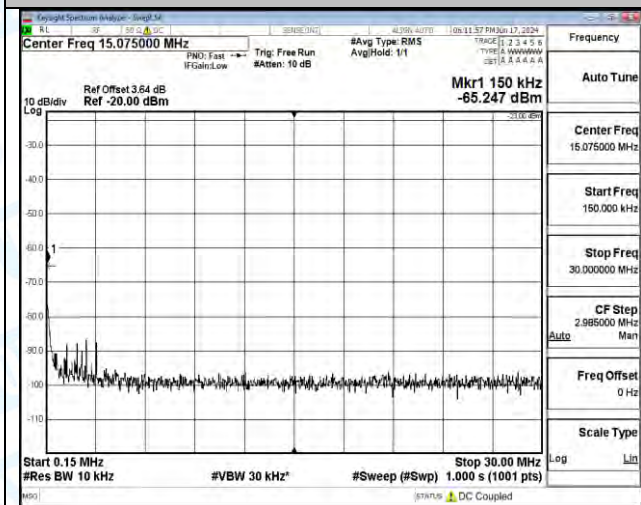
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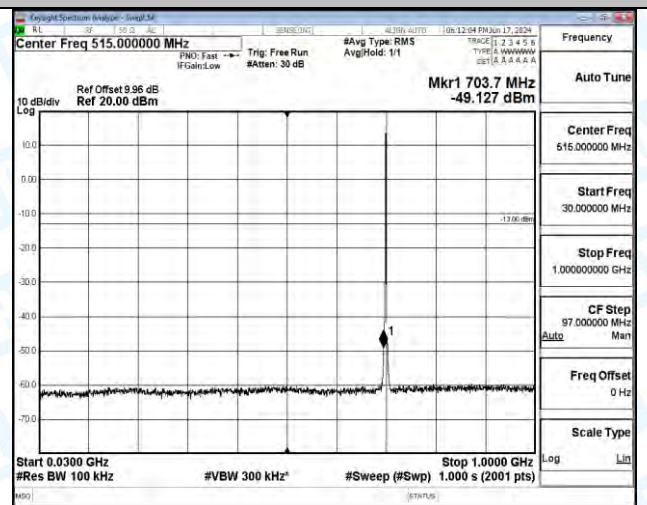
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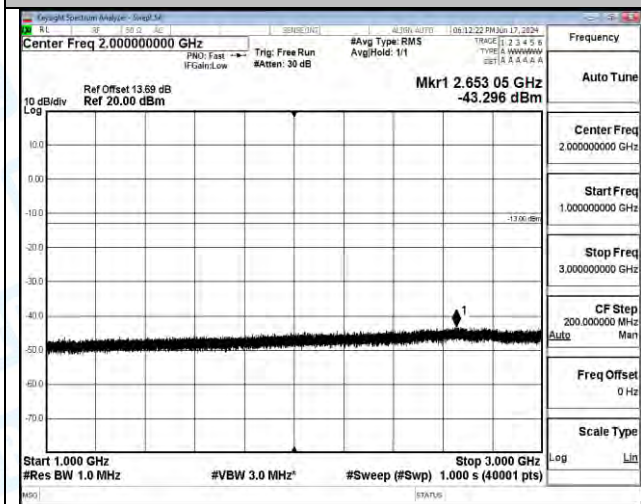
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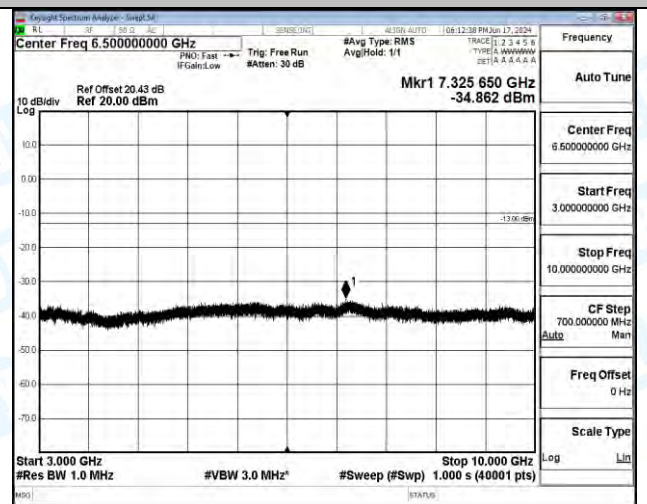
Band12\_1.4MHz\_QPSK\_23095\_6RB#0\_1000~3000\_1000~3000



Band12\_1.4MHz\_QPSK\_23095\_6RB#0\_3000~10000\_3000~10000



Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_0.009~0.15\_0.009~0.15



Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_0.15~30\_0.15~30