

# LTE Band5 Test Data

| General Description of EUT                                                                                                                            |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Product Name:                                                                                                                                         | Smartphone                |
| Test Model:                                                                                                                                           | HiBreak                   |
| Sample ID:                                                                                                                                            | HC-C-202406-0078-01-01-2# |
| Environmental Conditions                                                                                                                              |                           |
| Temperature:                                                                                                                                          | 23.8℃                     |
| Relative Humidity:                                                                                                                                    | 48%                       |
| Test Voltage:                                                                                                                                         | DC 3.8V                   |
| Test Engineer:                                                                                                                                        | ZKN ZHOU                  |
| Note: For a more detailed features description, please refer to the report <b>TBR-C-202406-0078-35</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 |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.63       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 23.74       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 23.59       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 23.69       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 23.72       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 23.73       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 22.71       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 23.51       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 23.66       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 23.52       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 23.52       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 23.54       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 23.55       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 22.59       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 23.57       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 23.76       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 23.57       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 23.67       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 23.66       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 23.63       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 22.72       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 22.48       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 22.70       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 22.48       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0            | 22.52       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1            | 22.52       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3            | 22.52       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 21.68       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 22.27       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 22.44       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 22.29       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#0            | 22.35       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#1            | 22.34       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#3            | 22.40       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 21.32       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 22.31       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#2            | 22.54       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | 22.31       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 3RB#0            | 22.37       | PASS    |



|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.38 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.37 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.65 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.72 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.70 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.64 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.72 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.67 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.75 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.69 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.56 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 23.55 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.58 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 22.61 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 22.55 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 22.52 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 22.52 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.63 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 23.64 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 23.64 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 22.64 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 22.67 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 22.67 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 22.63 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 22.76 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 22.80 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 22.73 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#0  | 21.74 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#4  | 21.70 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#7  | 21.74 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 21.70 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#0  | 22.35 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#8  | 22.33 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#14 | 22.34 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#0  | 21.46 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#4  | 21.47 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#7  | 21.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | 21.45 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#0  | 22.41 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#8  | 22.43 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#14 | 22.43 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 8RB#0  | 21.63 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 8RB#4  | 21.66 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 8RB#7  | 21.58 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 3MHz  | 16QAM | 20635 | 15RB#0  | 21.45 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 1RB#0   | 23.67 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 1RB#12  | 23.76 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 1RB#24  | 23.55 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 12RB#0  | 22.64 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 12RB#6  | 22.59 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 12RB#13 | 22.80 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0  | 22.74 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 1RB#0   | 23.44 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 1RB#12  | 23.55 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 1RB#24  | 23.46 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 12RB#0  | 22.37 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 12RB#6  | 22.67 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 12RB#13 | 22.45 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0  | 22.59 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#0   | 23.52 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#12  | 23.70 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#24  | 23.64 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#0  | 22.50 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#6  | 22.48 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#13 | 22.53 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0  | 22.49 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 22.56 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 22.69 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 22.53 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 21.55 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 21.43 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 21.77 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 21.75 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 22.43 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.61 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.12 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 21.69 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 21.61 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 21.47 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 21.51 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.47 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.58 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.44 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.50 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.51 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.52 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.56 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.66 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.52 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.46 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.49 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.46 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.58 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.49 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.52 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 23.69 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.63 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.52 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.78 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.53 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.75 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.57 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.19 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.50 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.44 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.34 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.44 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.68 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.71 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.64 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.48 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.45 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.48 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.53 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.51 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.32 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.44 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.18 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.81 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.81 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.53 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.72 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.01 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.27 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.29 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.54 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.20 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.80 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.66 | PASS |



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

### Test Result

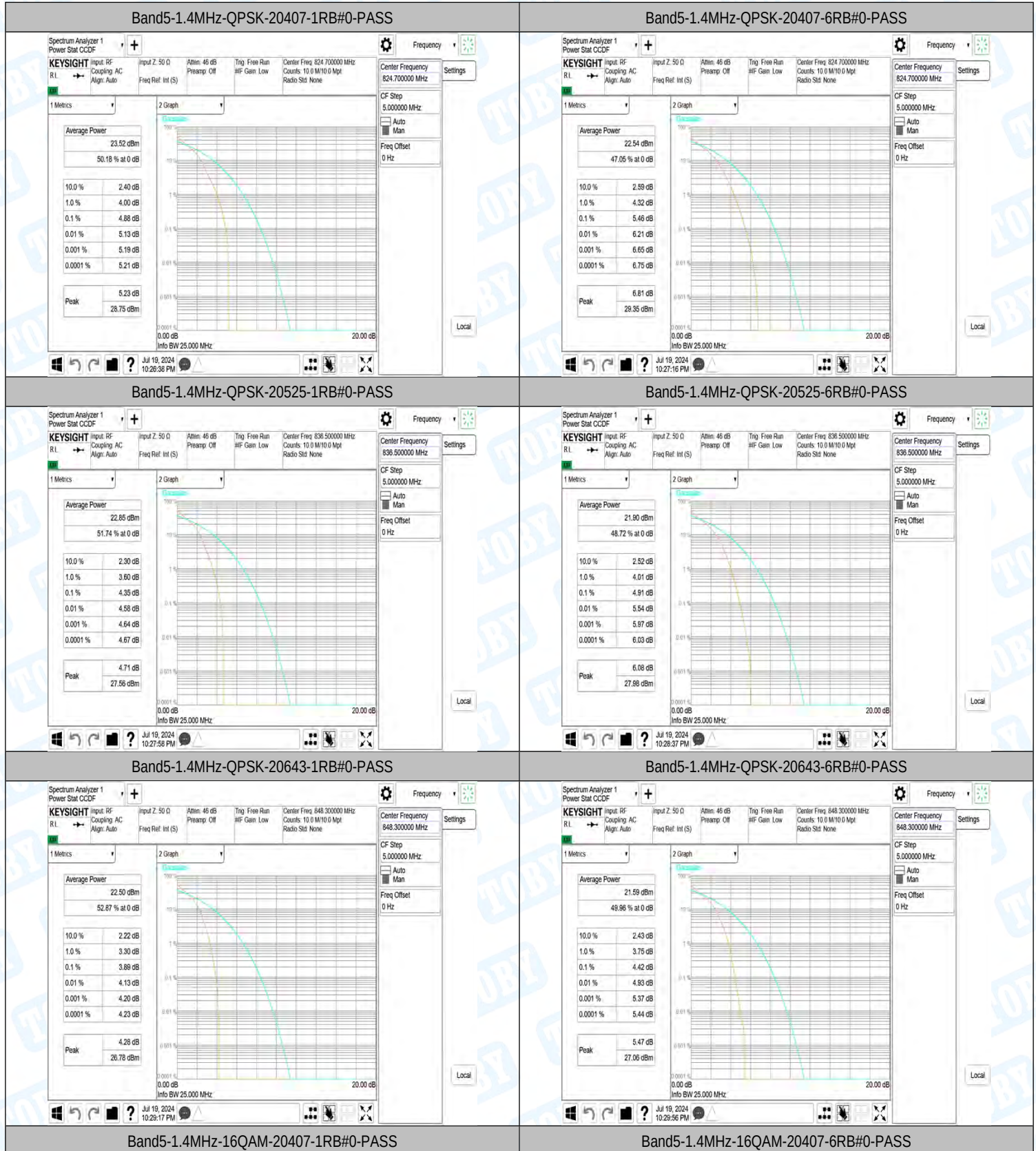
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 4.88       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 5.46       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 4.35       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 4.91       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 3.89       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 4.42       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 5.86       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 6.17       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 5.34       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 5.65       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 5.03       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 5.33       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 4.88       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 5.57       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 4.32       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 4.95       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 4.41       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 4.71       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 5.88       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 6.32       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 5.16       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 5.75       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 5.39       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 5.63       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 5.00       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 5.62       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 4.37       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 5.03       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | 5.25       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 5.06       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | 5.67       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 6.31       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | 5.02       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 5.72       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | 5.94       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 5.86       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 1RB#0            | 5.11       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 5.36       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 1RB#0            | 4.36       | 13        | PASS    |



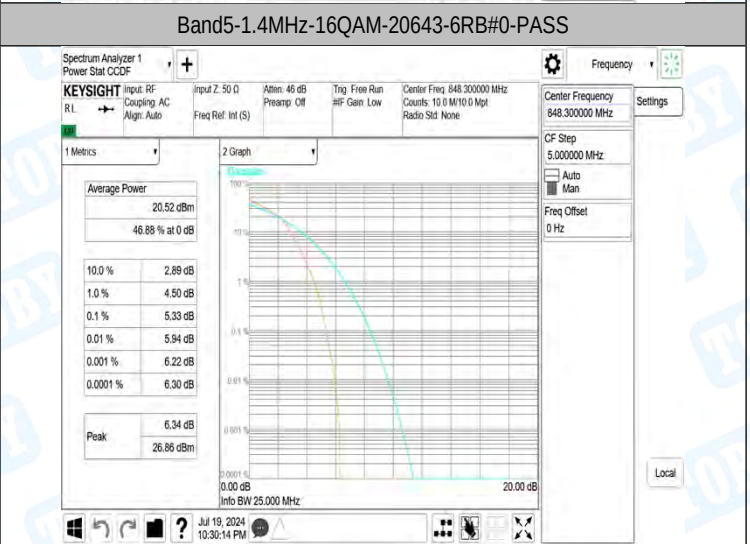
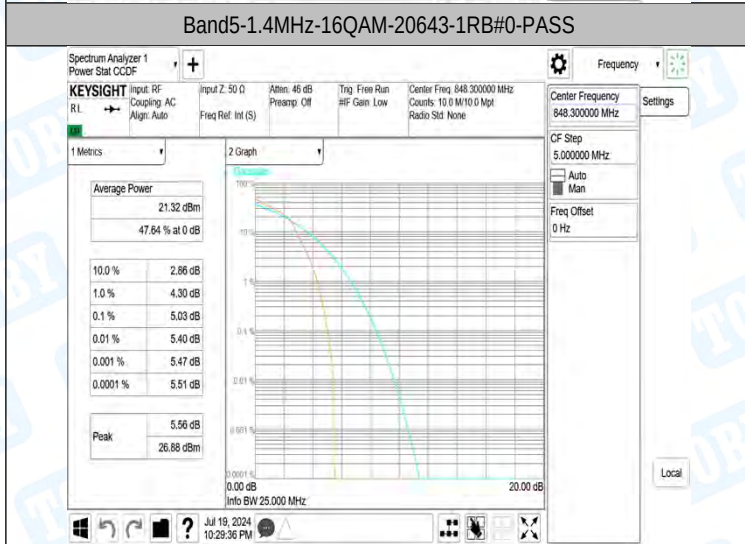
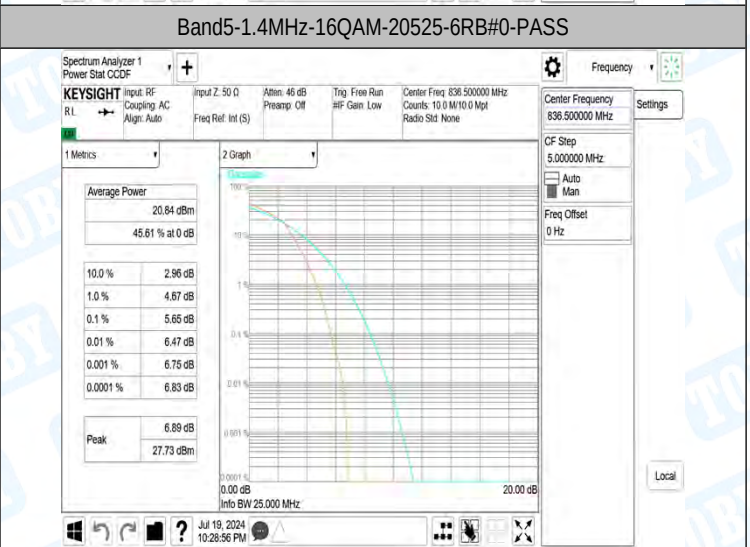
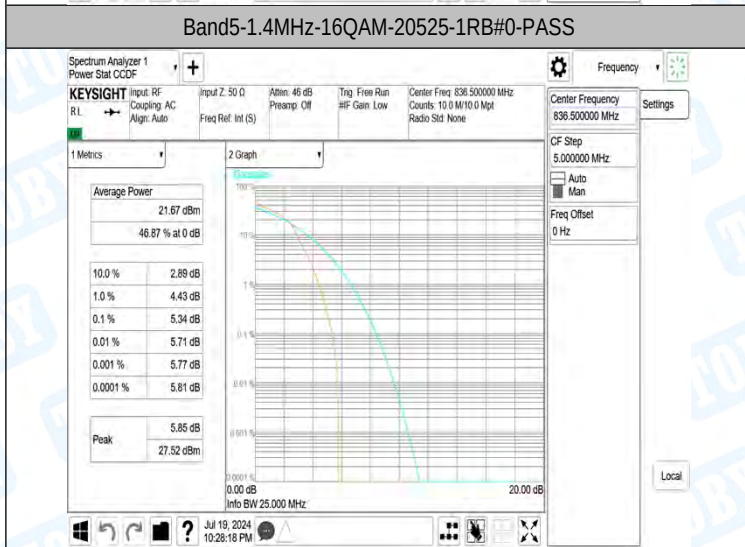
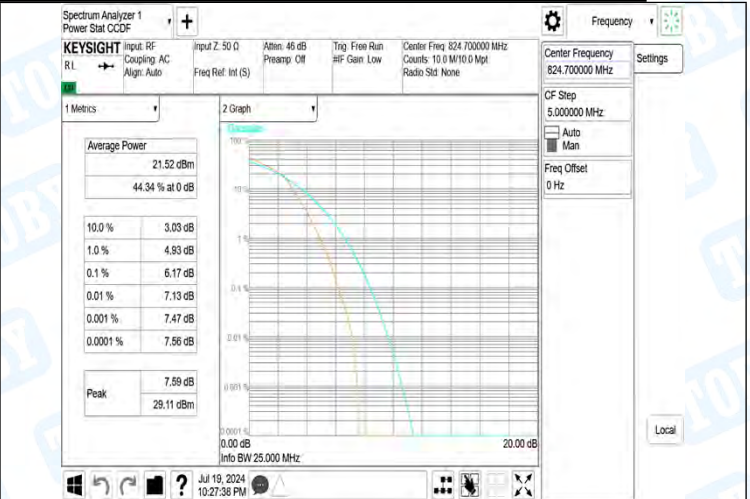
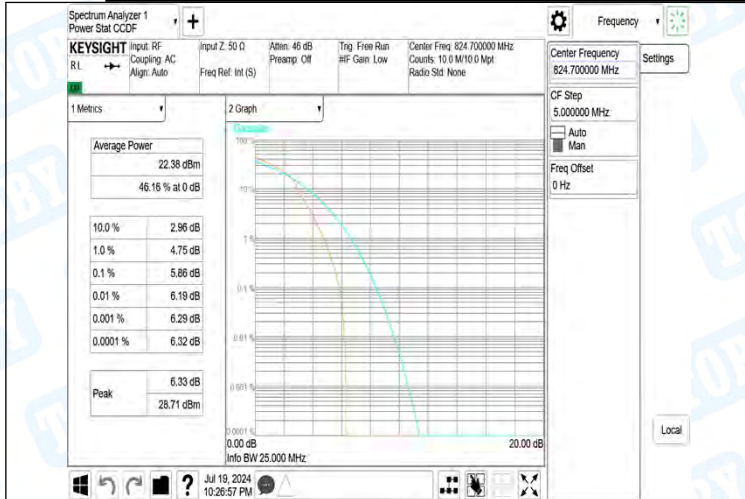
|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 5.07 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 4.72 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 5.41 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 5.97 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 6.18 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 5.17 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 5.83 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 5.79 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 6.21 | 13 | PASS |



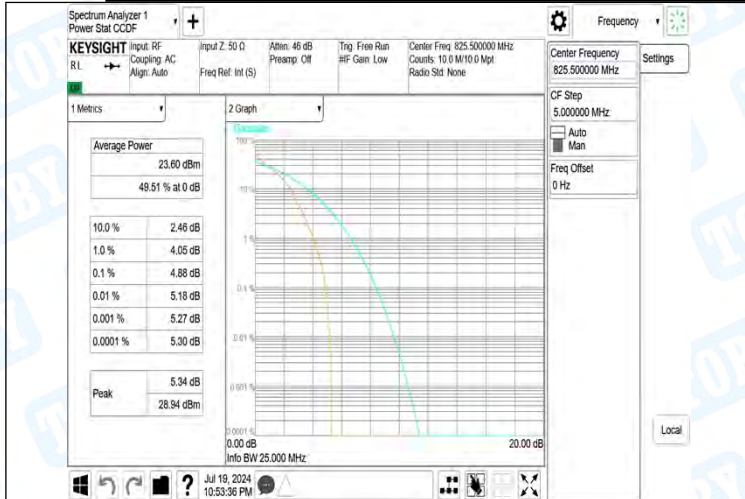
## Test Graphs







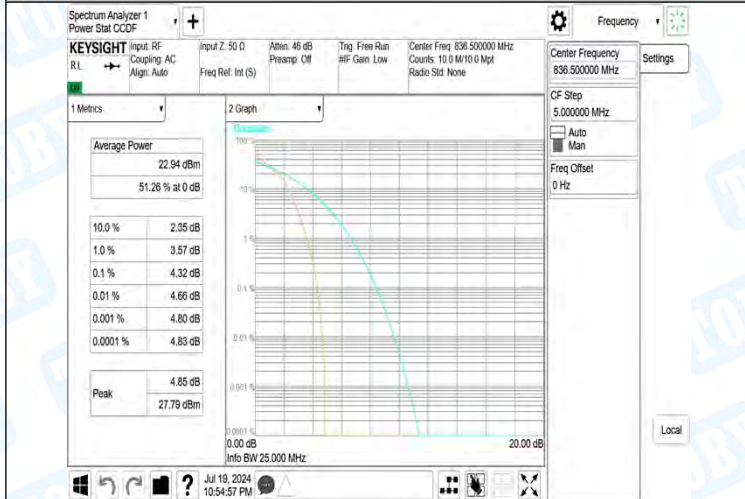




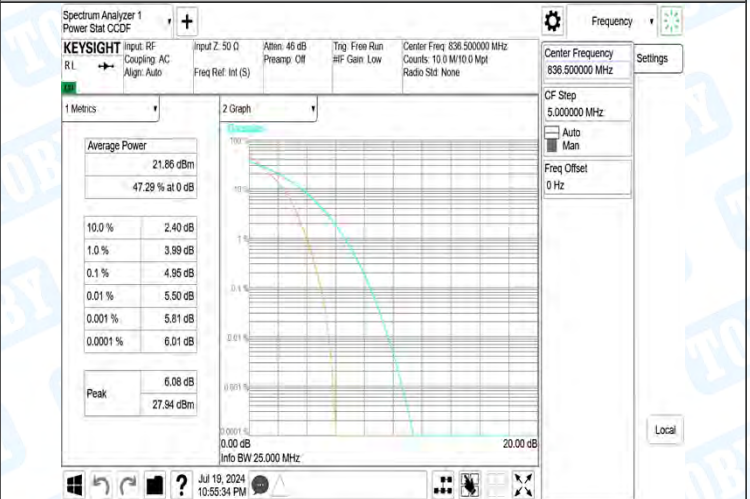
Band5-3MHz-QPSK-20525-1RB#0-PASS



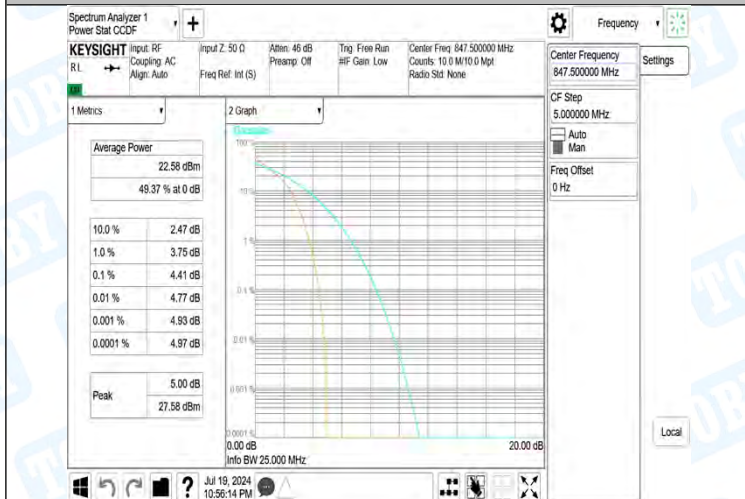
Band5-3MHz-QPSK-20525-15RB#0-PASS



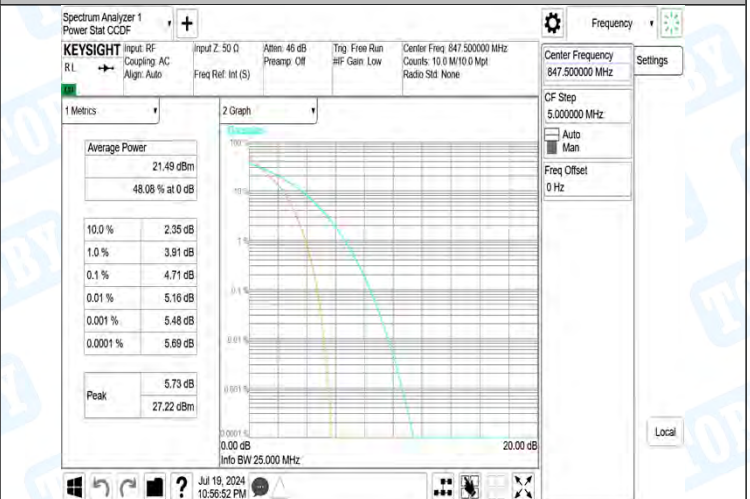
Band5-3MHz-QPSK-20635-1RB#0-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS

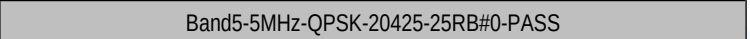
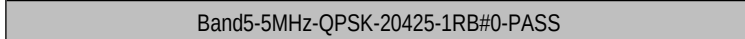
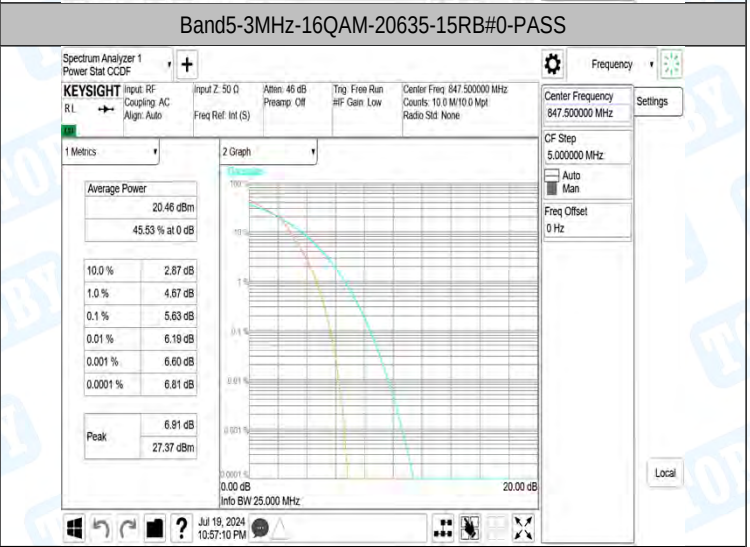
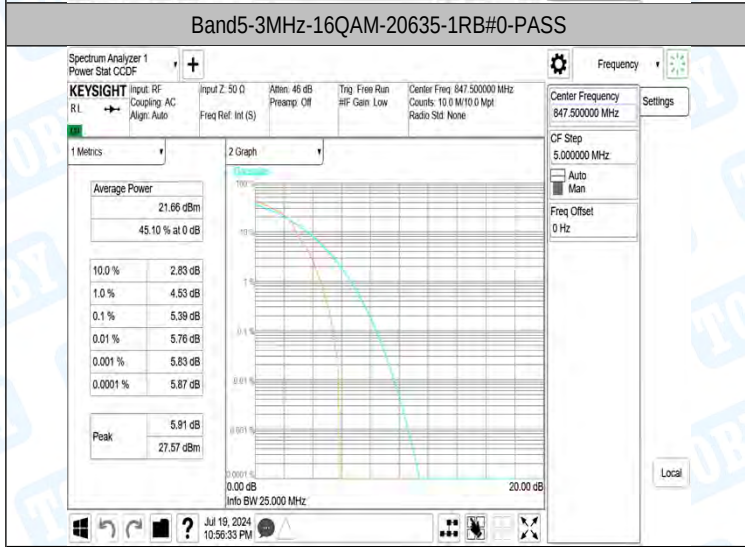
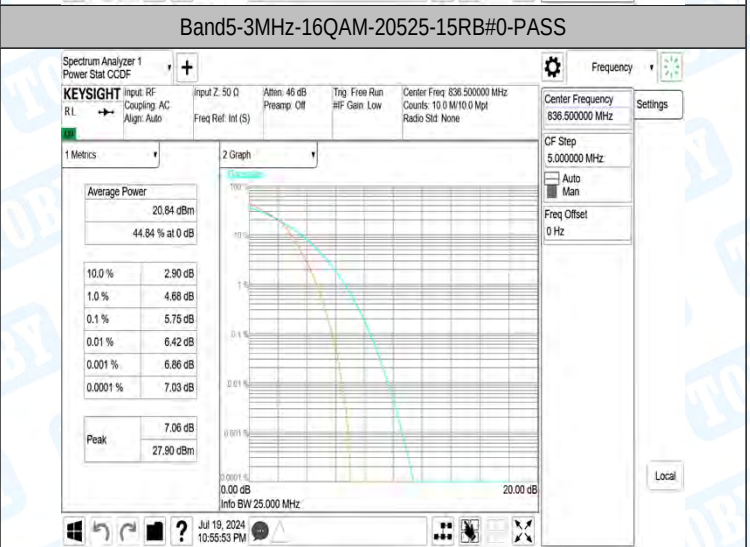
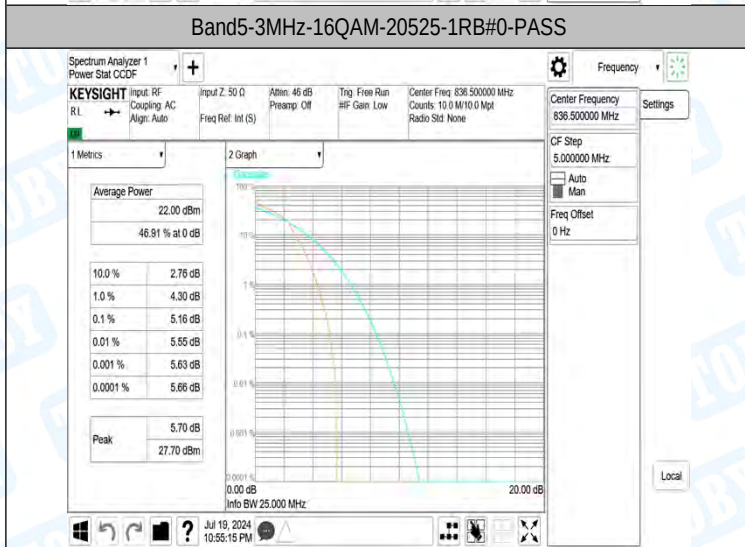
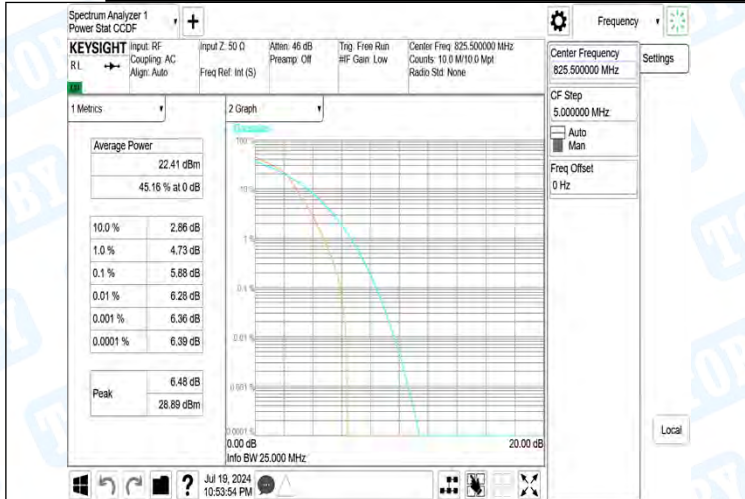


Band5-3MHz-16QAM-20415-1RB#0-PASS

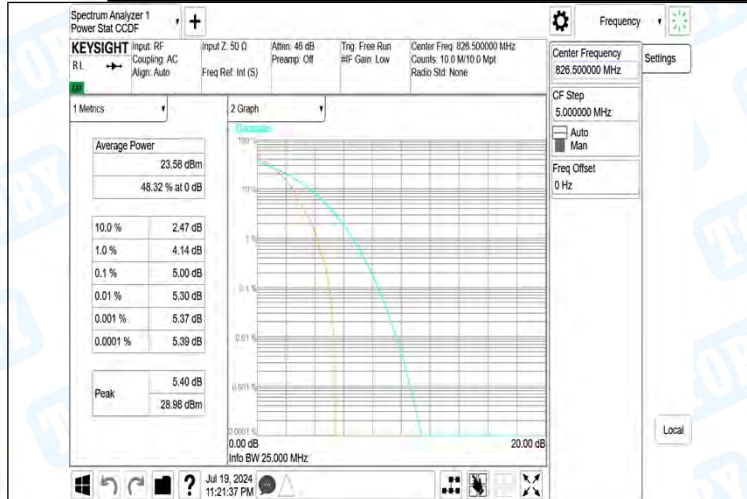


Band5-3MHz-16QAM-20415-15RB#0-PASS





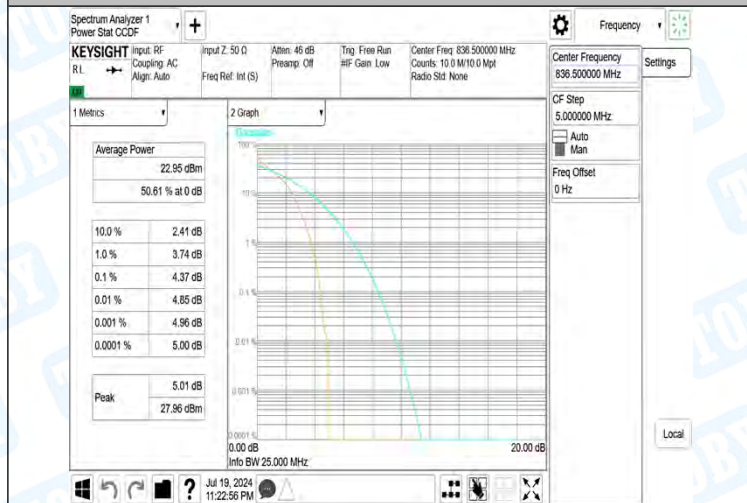




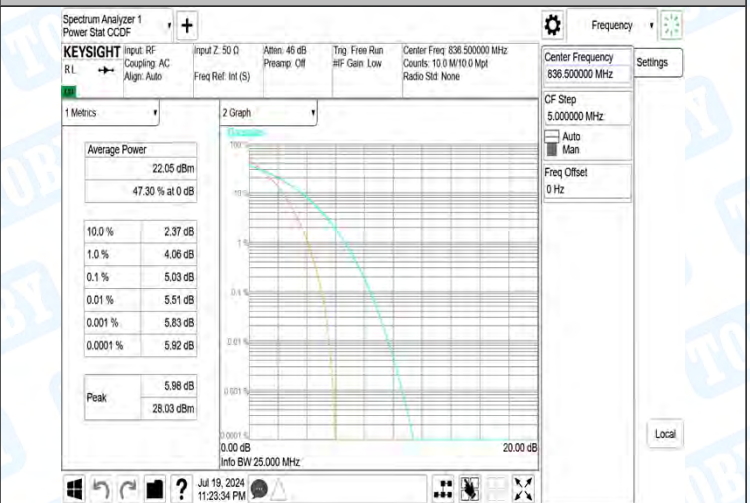
Band5-5MHz-QPSK-20525-1RB#0-PASS



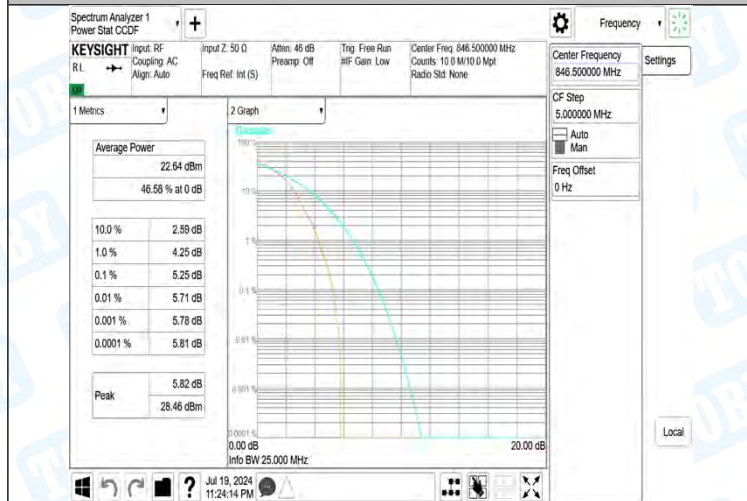
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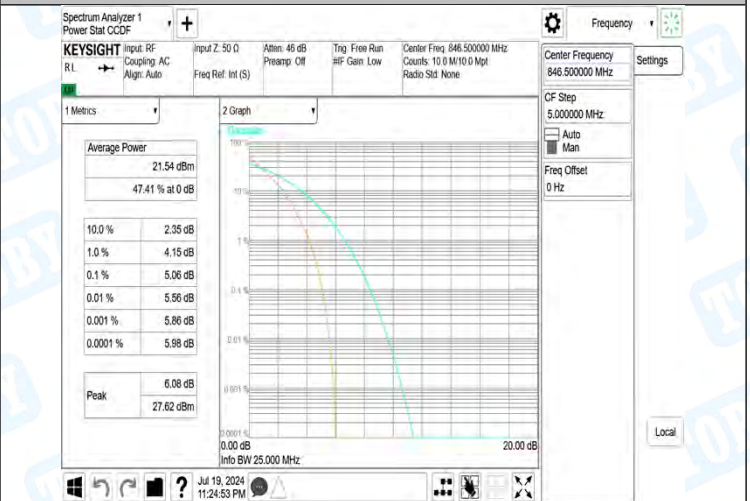
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Band5-5MHz-QPSK-20625-25RB#0-PASS

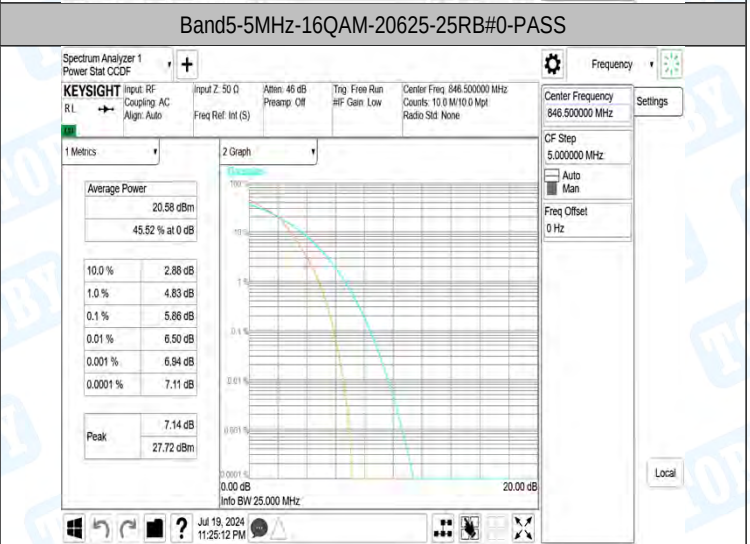
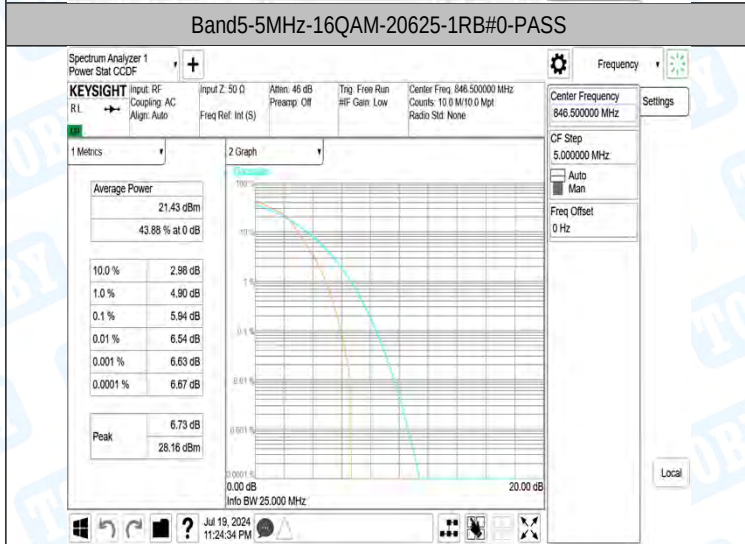
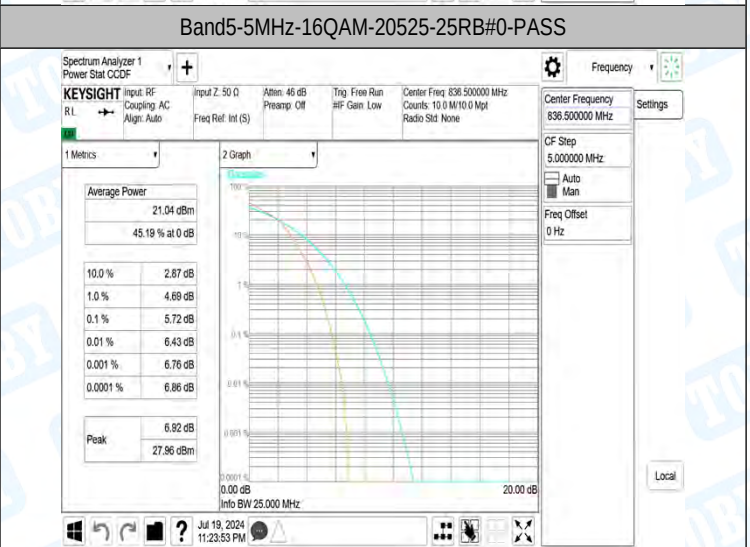
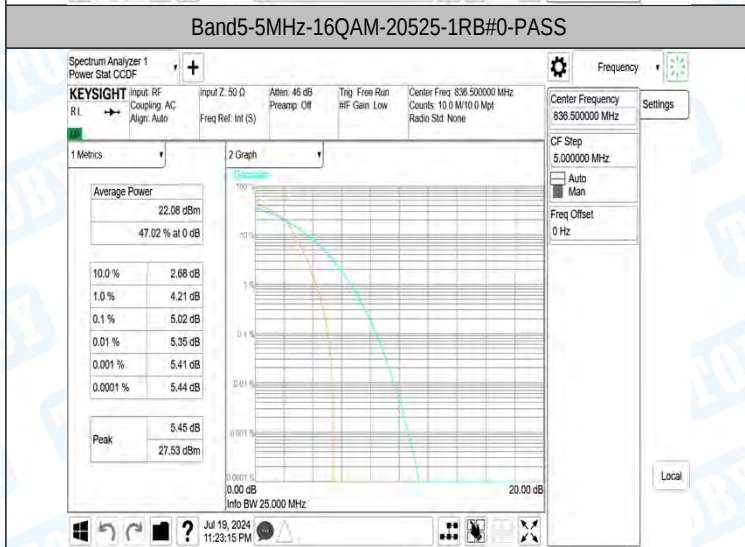
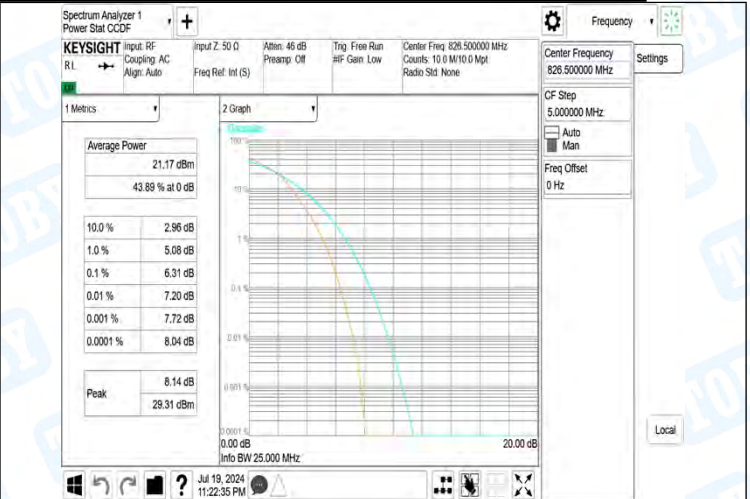
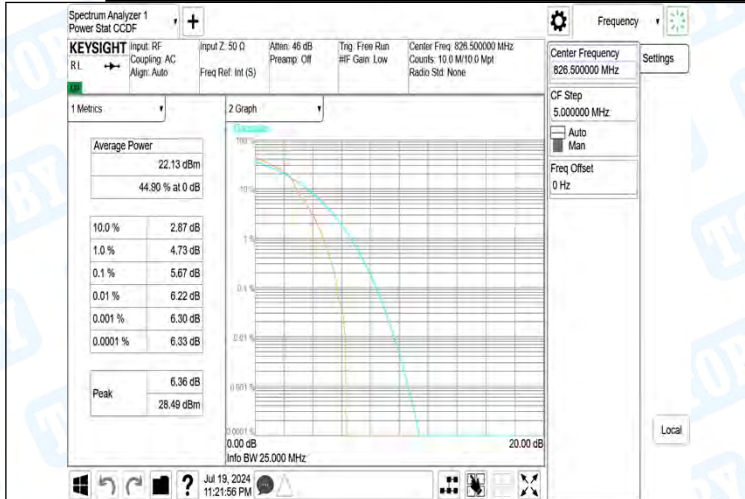


Band5-5MHz-16QAM-20425-1RB#0-PASS

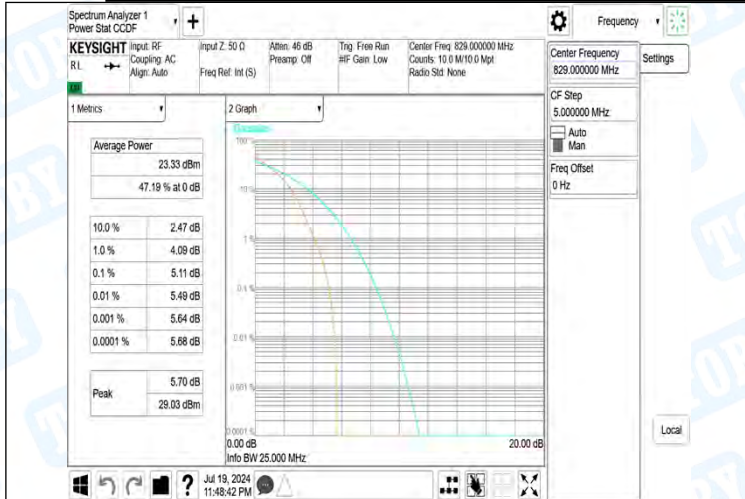


Band5-5MHz-16QAM-20425-25RB#0-PASS



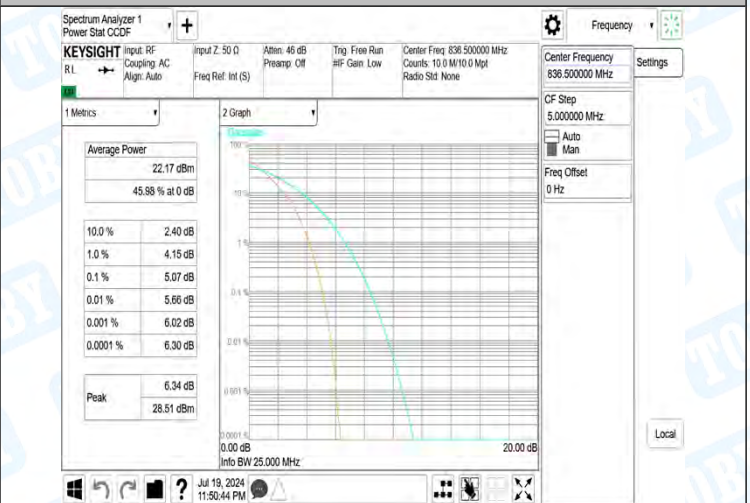
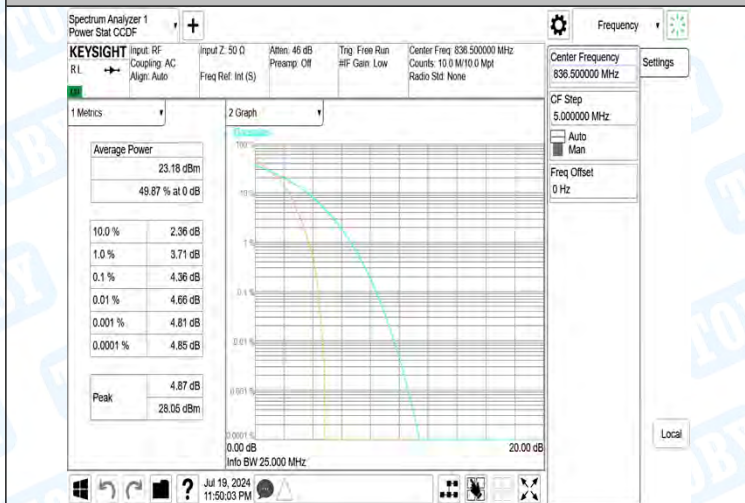






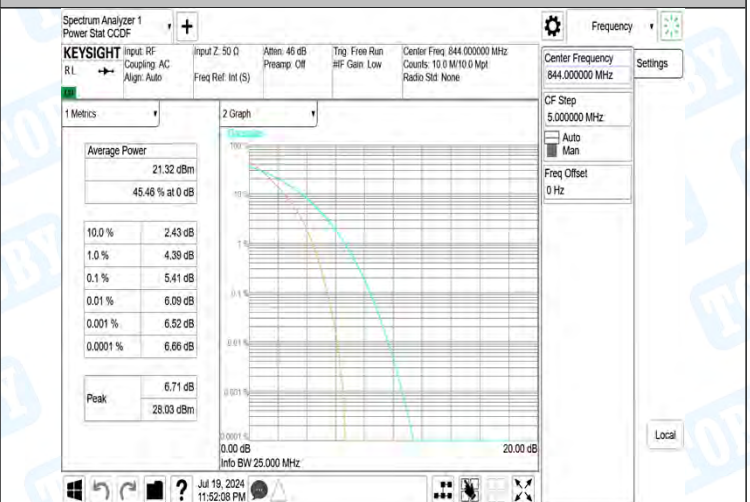
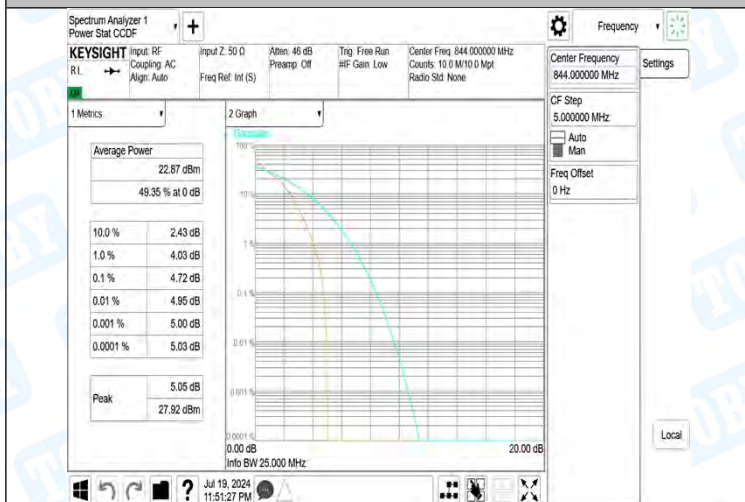
Band5-10MHz-QPSK-20525-1RB#0-PASS

Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-1RB#0-PASS

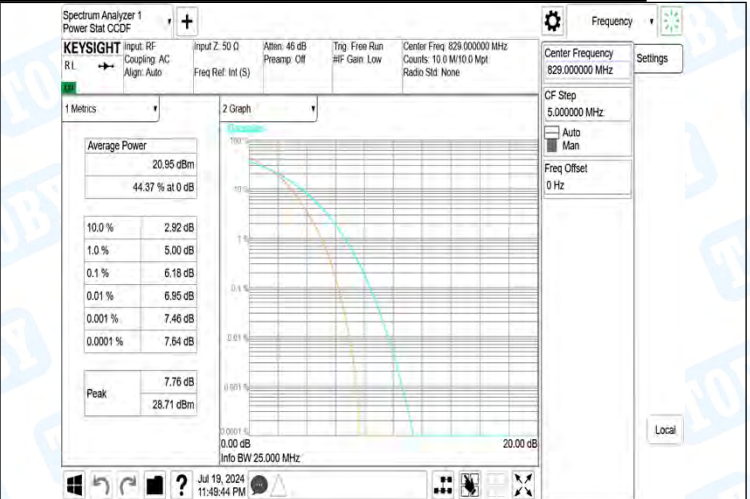
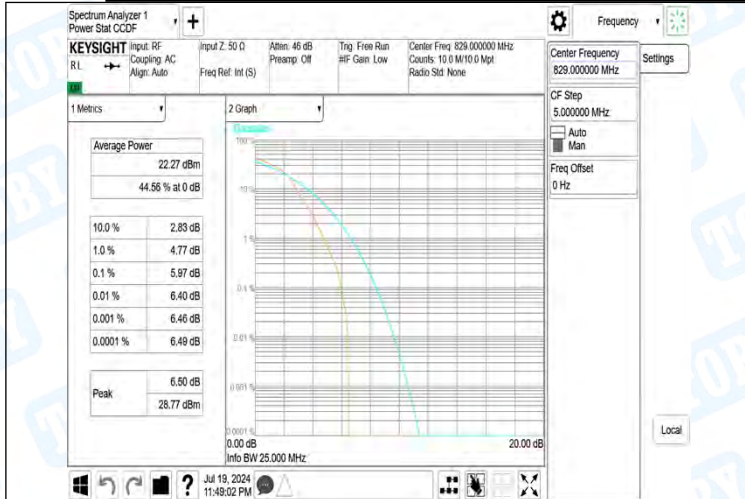
Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20450-1RB#0-PASS

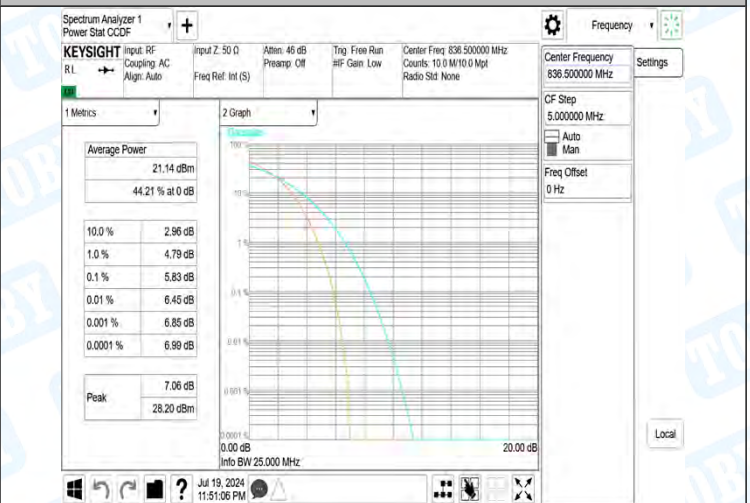
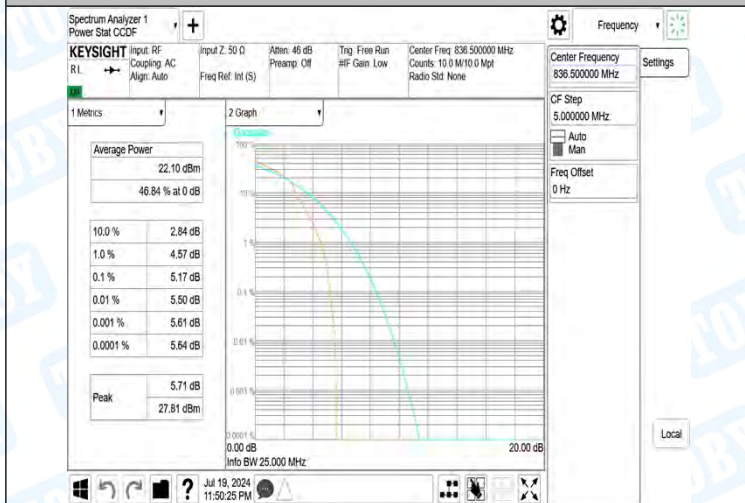
Band5-10MHz-16QAM-20450-50RB#0-PASS





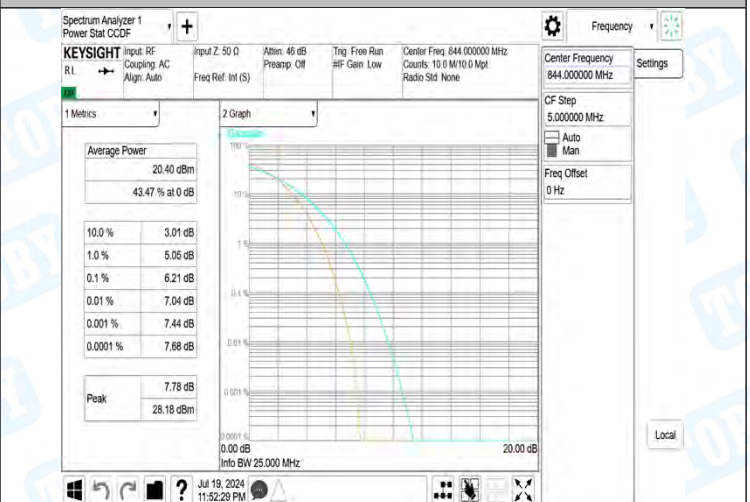
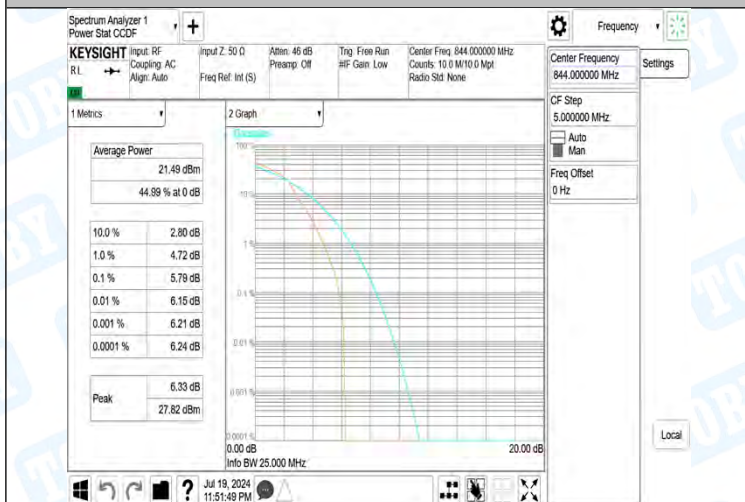
Band5-10MHz-16QAM-20525-1RB#0-PASS

Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-16QAM-20600-1RB#0-PASS

Band5-10MHz-16QAM-20600-50RB#0-PASS





### 3: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

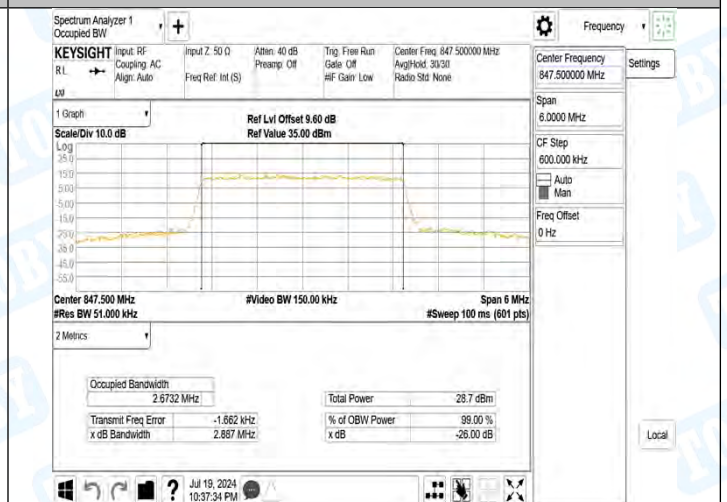
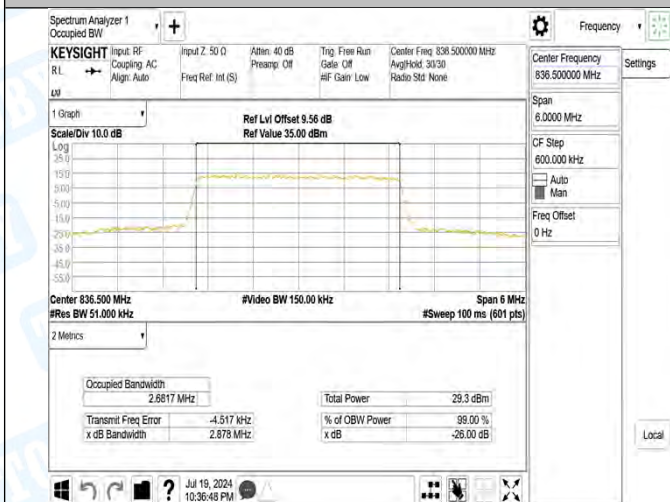
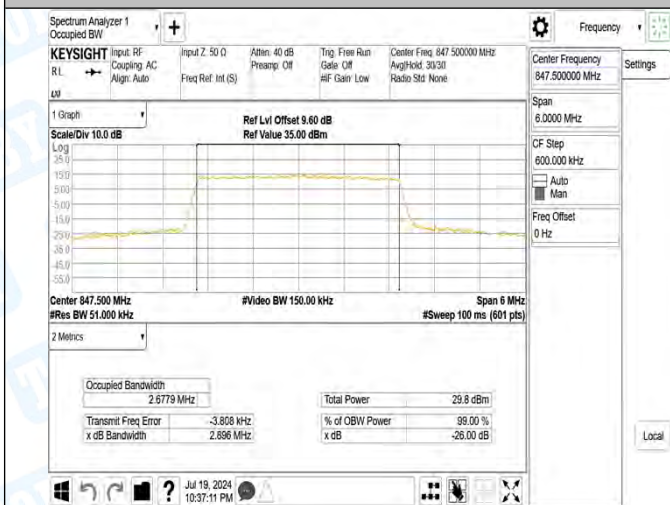
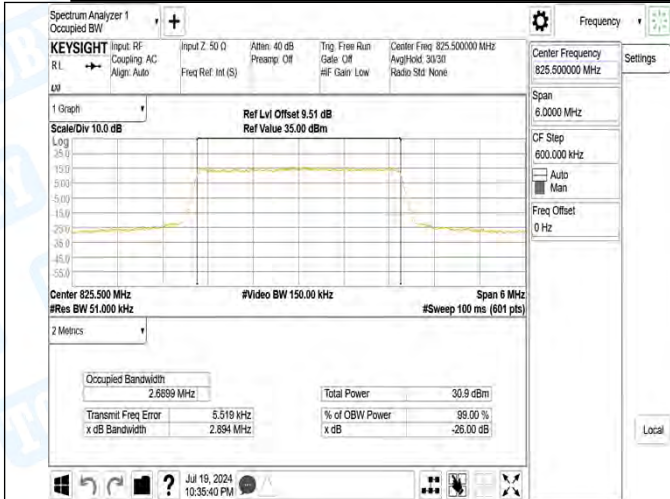
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.0913                   | 1.279                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.0884                   | 1.292                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.0899                   | 1.297                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.0970                   | 1.300                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.0960                   | 1.301                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.0970                   | 1.297                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.6899                   | 2.894                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.6834                   | 2.898                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.6779                   | 2.896                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.6791                   | 2.902                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.6817                   | 2.878                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.6732                   | 2.887                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.4987                   | 4.951                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.4924                   | 5.080                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.4864                   | 4.923                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.4882                   | 4.905                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.4987                   | 4.945                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.4760                   | 4.898                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.9573                   | 9.757                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.9886                   | 9.753                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.9642                   | 9.727                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 8.9609                   | 9.707                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 8.9825                   | 9.727                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 8.9720                   | 9.660                | PASS    |



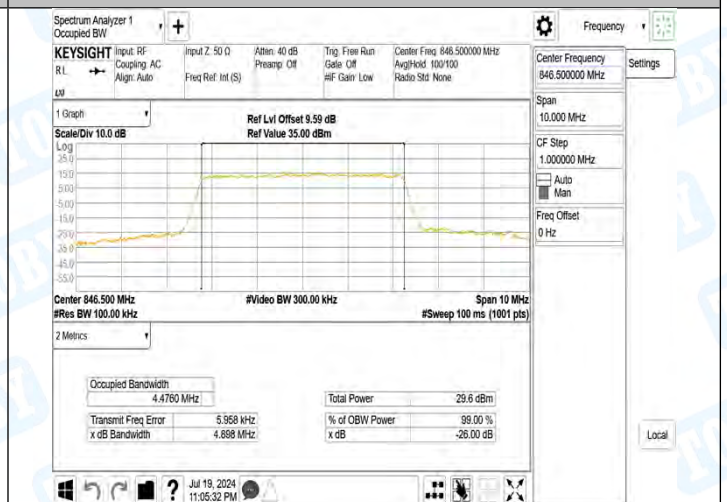
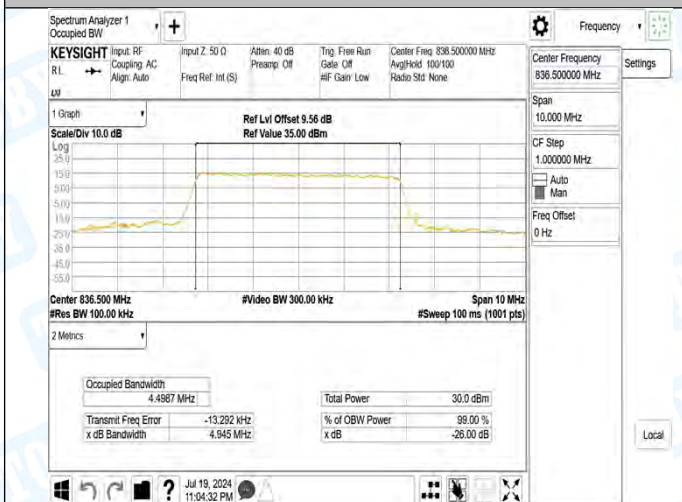
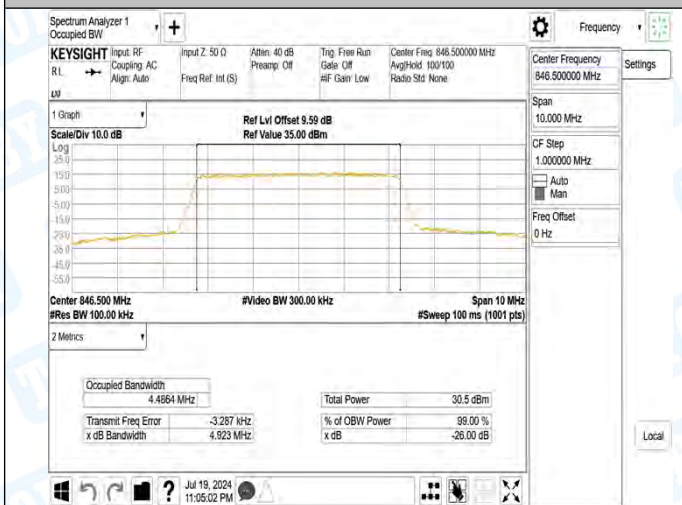
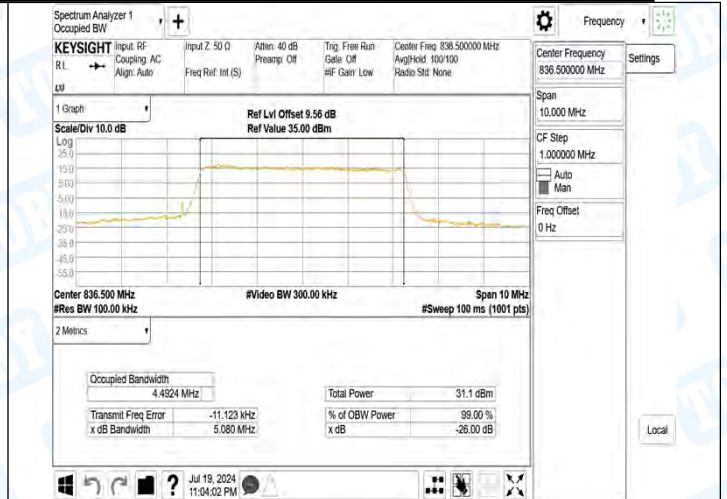
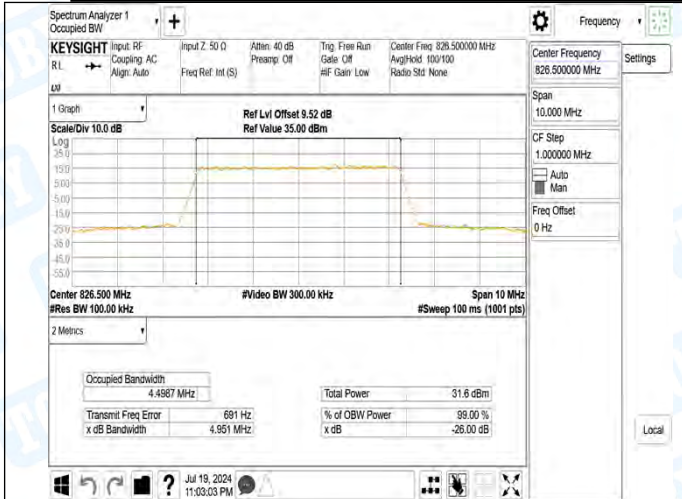
## Test Graphs



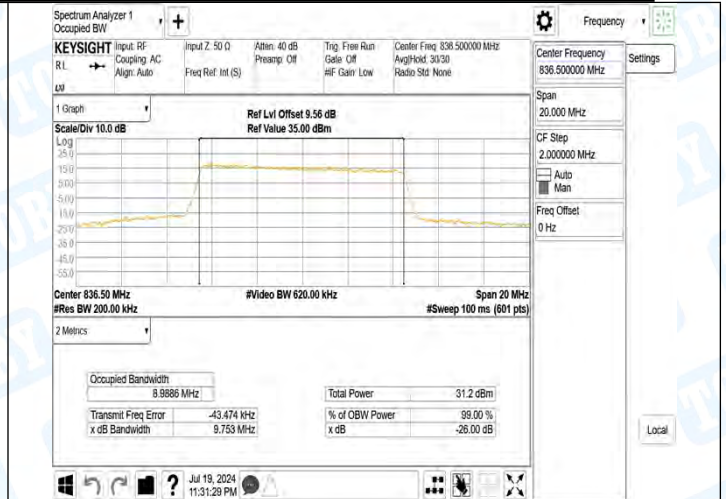
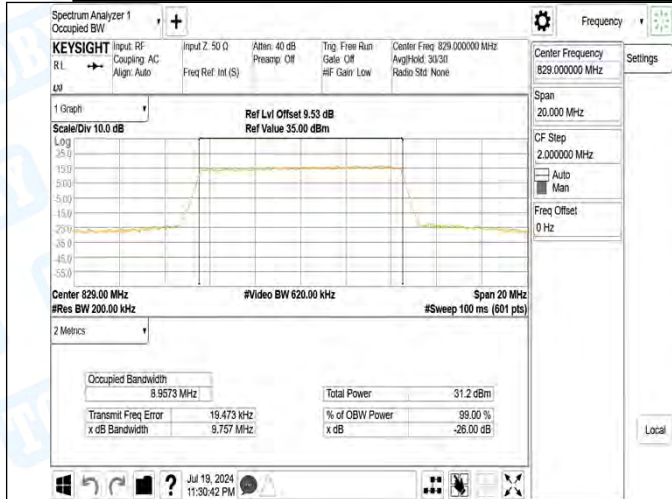






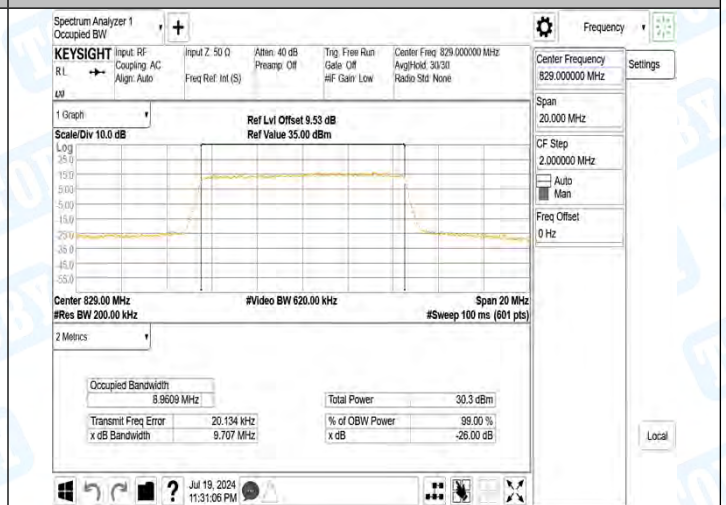
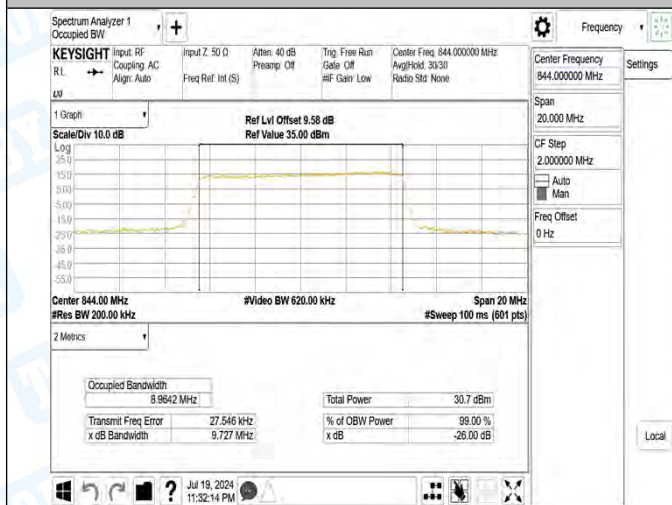






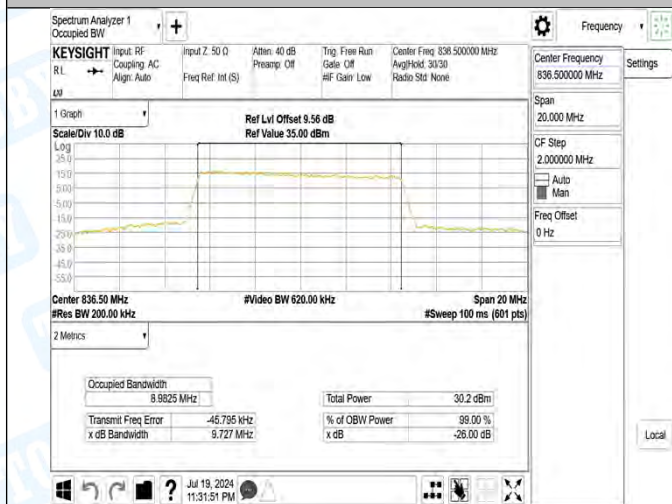
Band5-10MHz-QPSK-20600-50RB#0-PASS

Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS

Band5-10MHz-16QAM-20600-50RB#0-PASS





## 4: Band Edge

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Level_dBm | Margin | Verdict |
|-------|-----------|------------|---------|------------------|-----------|--------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | -23.62    | 10.62  | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | -56.08    | 34.88  | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | -30.70    | 17.70  | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | -57.71    | 36.51  | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | -24.34    | 11.34  | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | -28.15    | 15.15  | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | -24.14    | 11.14  | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | -56.19    | 34.99  | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | -30.43    | 17.43  | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | -57.77    | 36.57  | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | -26.15    | 13.15  | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | -32.02    | 19.02  | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | -20.71    | 7.71   | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#14           | -51.78    | 33.58  | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | -31.30    | 18.30  | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | -53.30    | 35.10  | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | -20.47    | 7.47   | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | -35.23    | 17.03  | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | -21.59    | 8.59   | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#14           | -51.63    | 33.43  | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | -37.14    | 18.94  | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | -53.56    | 35.36  | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | -22.23    | 9.23   | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | -38.11    | 19.91  | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | -20.06    | 7.06   | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#24           | -51.68    | 35.78  | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | -31.56    | 18.56  | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | -52.10    | 36.20  | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#24           | -20.98    | 7.98   | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | -32.17    | 19.17  | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | -20.95    | 7.95   | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#24           | -51.85    | 35.95  | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | -32.49    | 19.49  | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | -51.76    | 35.86  | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#24           | -21.78    | 8.78   | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | -33.57    | 20.57  | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 1RB#0            | -22.97    | 9.97   | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 1RB#49           | -48.74    | 35.74  | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | -33.87    | 20.87  | PASS    |



|       |       |       |       |        |        |       |      |
|-------|-------|-------|-------|--------|--------|-------|------|
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | -47.13 | 34.13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49 | -24.31 | 11.31 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | -32.76 | 19.76 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | -24.10 | 11.10 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -49.09 | 36.09 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | -35.85 | 22.85 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | -47.56 | 34.56 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -24.17 | 11.17 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | -33.39 | 20.39 | PASS |



## Test Graphs







Band5\_1.4MHz\_16QAM\_20407\_6RB#0

Band5\_1.4MHz\_16QAM\_20643\_1RB#0



Band5\_1.4MHz\_16QAM\_20643\_1RB#5

Band5\_1.4MHz\_16QAM\_20643\_6RB#0



Band5\_3MHz\_QPSK\_20415\_1RB#0

Band5\_3MHz\_QPSK\_20415\_1RB#14





Band5\_3MHz\_QPSK\_20415\_15RB#0



Band5\_3MHz\_QPSK\_20635\_1RB#0



Band5\_3MHz\_QPSK\_20635\_1RB#14



Band5\_3MHz\_QPSK\_20635\_15RB#0



Band5\_3MHz\_16QAM\_20415\_1RB#0

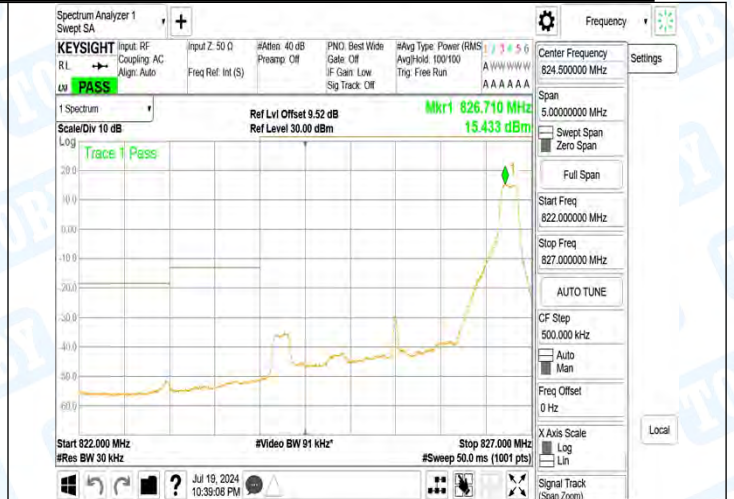


Band5\_3MHz\_16QAM\_20415\_1RB#14





Band5\_3MHz\_16QAM\_20415\_15RB#0



Band5\_3MHz\_16QAM\_20635\_1RB#0



Band5\_3MHz\_16QAM\_20635\_1RB#14



Band5\_3MHz\_16QAM\_20635\_15RB#0



Band5\_5MHz\_QPSK\_20425\_1RB#0

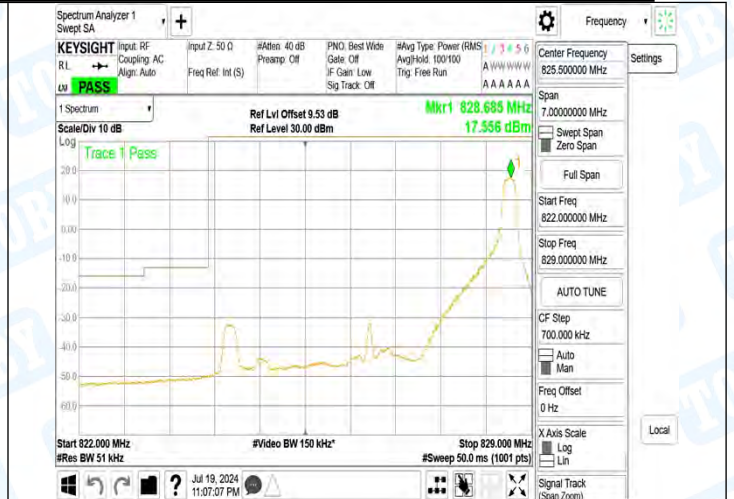


Band5\_5MHz\_QPSK\_20425\_1RB#24





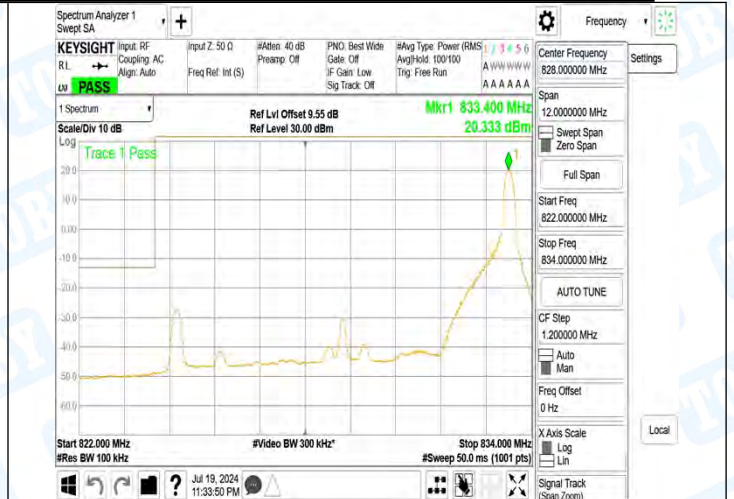








Band5\_10MHz\_QPSK\_20450\_50RB#0



Band5\_10MHz\_QPSK\_20600\_1RB#0



Band5\_10MHz\_QPSK\_20600\_1RB#49



Band5\_10MHz\_QPSK\_20600\_50RB#0

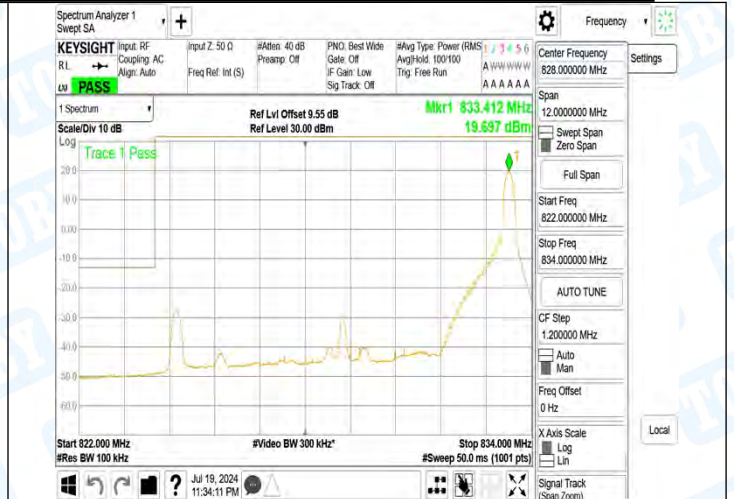


Band5\_10MHz\_16QAM\_20450\_1RB#0



Band5\_10MHz\_16QAM\_20450\_1RB#49





Band5\_10MHz\_16QAM\_20450\_50RB#0

Band5\_10MHz\_16QAM\_20600\_1RB#0



Band5\_10MHz\_16QAM\_20600\_1RB#49

Band5\_10MHz\_16QAM\_20600\_50RB#0





## 5: Conducted Spurious Emission

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Frequency | Value(dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-----------------|-----------|------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 0.009~0.15      | 0.10      | -96.46     | -33.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 0.15~30         | 0.15      | -86.90     | -23.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 30~1000         | 828.31    | -49.55     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 1000~3000       | 2687.70   | -42.48     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 3000~10000      | 6130.93   | -35.95     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 0.009~0.15      | 0.09      | -96.16     | -33.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 0.15~30         | 0.15      | -85.52     | -23.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 30~1000         | 832.68    | -50.29     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 1000~3000       | 2687.70   | -42.46     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 3000~10000      | 6033.80   | -35.69     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 0.009~0.15      | 0.12      | -97.42     | -33.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 0.15~30         | 0.15      | -87.86     | -23.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 30~1000         | 844.80    | -51.47     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 1000~3000       | 2706.25   | -42.18     | -13.0       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 3000~10000      | 3177.63   | -36.36     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 0.009~0.15      | 0.07      | -97.78     | -33.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 0.15~30         | 0.15      | -88.40     | -23.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 30~1000         | 821.04    | -48.09     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 1000~3000       | 2670.80   | -42.38     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 3000~10000      | 3191.45   | -36.42     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 0.009~0.15      | 0.15      | -96.86     | -33.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 0.15~30         | 0.15      | -87.86     | -23.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 30~1000         | 832.68    | -51.90     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 1000~3000       | 2685.95   | -42.46     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 3000~10000      | 5959.08   | -35.92     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 0.009~0.15      | 0.13      | -97.61     | -33.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 0.15~30         | 0.15      | -85.84     | -23.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 30~1000         | 844.80    | -52.51     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 1000~3000       | 2655.80   | -42.57     | -13.0       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 3000~10000      | 5978.15   | -36.28     | -13.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 0.009~0.15      | 0.13      | -96.49     | -33.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 0.15~30         | 0.15      | -86.24     | -23.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 30~1000         | 817.64    | -57.52     | -13.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 1000~3000       | 2683.00   | -42.37     | -13.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 3000~10000      | 6070.73   | -35.72     | -13.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 0.009~0.15      | 0.10      | -96.64     | -33.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 0.15~30         | 0.15      | -87.76     | -23.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 30~1000         | 828.80    | -57.90     | -13.0       | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 1000~3000       | 2681.40   | -42.32     | -13.0       | PASS    |



|       |      |       |       |       |            |         |        |       |      |
|-------|------|-------|-------|-------|------------|---------|--------|-------|------|
| Band5 | 3MHz | QPSK  | 20525 | 1RB#0 | 3000~10000 | 3077.53 | -36.32 | -13.0 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0 | 0.009~0.15 | 0.14    | -97.17 | -33.0 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0 | 0.15~30    | 0.15    | -87.33 | -23.0 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0 | 30~1000    | 839.95  | -59.20 | -13.0 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0 | 1000~3000  | 2687.95 | -42.60 | -13.0 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#0 | 3000~10000 | 5929.85 | -36.31 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 0.009~0.15 | 0.07    | -98.22 | -33.0 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 0.15~30    | 0.15    | -85.76 | -23.0 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 30~1000    | 833.16  | -57.03 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 1000~3000  | 2692.25 | -42.29 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 3000~10000 | 6094.53 | -36.42 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 0.009~0.15 | 0.14    | -97.23 | -33.0 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 0.15~30    | 0.15    | -88.39 | -23.0 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 30~1000    | 828.80  | -58.01 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 1000~3000  | 2692.30 | -42.69 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 3000~10000 | 6055.85 | -36.22 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 0.009~0.15 | 0.07    | -96.82 | -33.0 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 0.15~30    | 0.15    | -88.04 | -23.0 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 30~1000    | 839.95  | -58.37 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 1000~3000  | 2761.90 | -42.40 | -13.0 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 3000~10000 | 6038.00 | -36.38 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0 | 0.009~0.15 | 0.14    | -95.41 | -33.0 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0 | 0.15~30    | 0.15    | -86.47 | -23.0 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0 | 30~1000    | 771.08  | -60.16 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0 | 1000~3000  | 2661.35 | -42.76 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0 | 3000~10000 | 3060.90 | -35.77 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0 | 0.009~0.15 | 0.03    | -97.32 | -33.0 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0 | 0.15~30    | 0.15    | -86.21 | -23.0 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0 | 30~1000    | 757.99  | -60.12 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0 | 1000~3000  | 2661.00 | -42.66 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0 | 3000~10000 | 3048.13 | -36.19 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0 | 0.009~0.15 | 0.14    | -97.30 | -33.0 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0 | 0.15~30    | 0.18    | -87.18 | -23.0 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0 | 30~1000    | 832.19  | -56.31 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0 | 1000~3000  | 2674.20 | -42.20 | -13.0 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0 | 3000~10000 | 5979.03 | -36.13 | -13.0 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 0.009~0.15 | 0.10    | -96.07 | -33.0 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 0.15~30    | 0.15    | -86.31 | -23.0 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 30~1000    | 875.36  | -60.42 | -13.0 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 1000~3000  | 2684.60 | -42.50 | -13.0 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 3000~10000 | 3030.28 | -36.35 | -13.0 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 0.009~0.15 | 0.15    | -95.35 | -33.0 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 0.15~30    | 0.15    | -87.02 | -23.0 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 30~1000    | 889.42  | -60.21 | -13.0 | PASS |



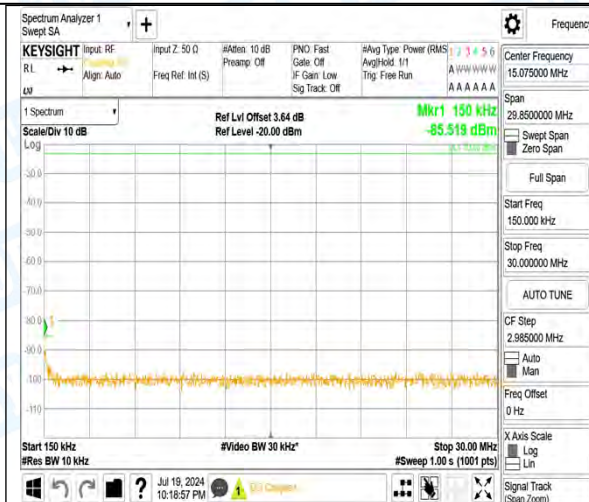
|       |       |       |       |       |            |         |        |       |      |
|-------|-------|-------|-------|-------|------------|---------|--------|-------|------|
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0 | 1000~3000  | 2681.90 | -42.56 | -13.0 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0 | 3000~10000 | 3185.50 | -35.94 | -13.0 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0 | 0.009~0.15 | 0.09    | -96.19 | -33.0 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0 | 0.15~30    | 0.15    | -87.02 | -23.0 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0 | 30~1000    | 833.16  | -57.33 | -13.0 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0 | 1000~3000  | 2672.10 | -42.65 | -13.0 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0 | 3000~10000 | 3168.00 | -36.22 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0 | 0.009~0.15 | 0.14    | -96.93 | -33.0 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0 | 0.15~30    | 0.15    | -87.56 | -23.0 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0 | 30~1000    | 976.24  | -60.43 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0 | 1000~3000  | 2686.90 | -42.88 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0 | 3000~10000 | 6026.80 | -36.22 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0 | 0.009~0.15 | 0.11    | -96.57 | -33.0 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0 | 0.15~30    | 0.15    | -85.76 | -23.0 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0 | 30~1000    | 874.39  | -60.31 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0 | 1000~3000  | 2691.30 | -42.66 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0 | 3000~10000 | 6069.50 | -35.77 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0 | 0.009~0.15 | 0.11    | -97.34 | -33.0 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0 | 0.15~30    | 0.15    | -84.92 | -23.0 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0 | 30~1000    | 798.73  | -60.41 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0 | 1000~3000  | 2685.60 | -42.31 | -13.0 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0 | 3000~10000 | 3052.68 | -36.17 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 0.009~0.15 | 0.12    | -97.46 | -33.0 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 0.15~30    | 0.15    | -86.83 | -23.0 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 30~1000    | 935.50  | -60.29 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 1000~3000  | 2687.80 | -42.39 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 3000~10000 | 6062.15 | -36.12 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 0.009~0.15 | 0.14    | -95.56 | -33.0 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 0.15~30    | 0.15    | -85.45 | -23.0 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 30~1000    | 908.82  | -59.73 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 1000~3000  | 2777.70 | -42.49 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 3000~10000 | 5980.78 | -36.01 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 0.009~0.15 | 0.15    | -97.12 | -33.0 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 0.15~30    | 0.15    | -85.61 | -23.0 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 30~1000    | 986.91  | -60.28 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 1000~3000  | 2707.20 | -42.50 | -13.0 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 3000~10000 | 5953.83 | -35.75 | -13.0 | PASS |



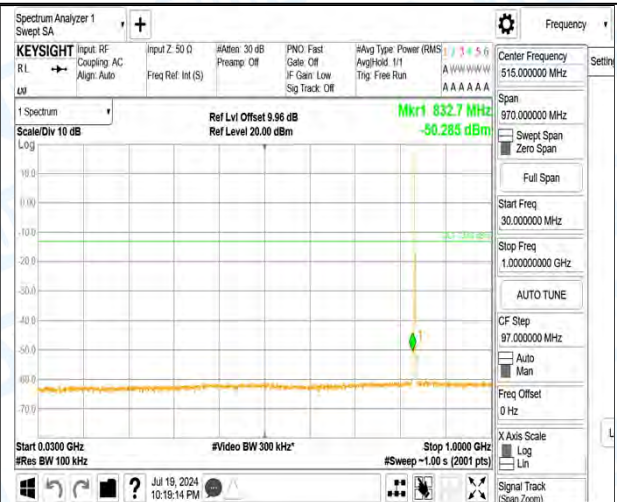
## Test Graphs







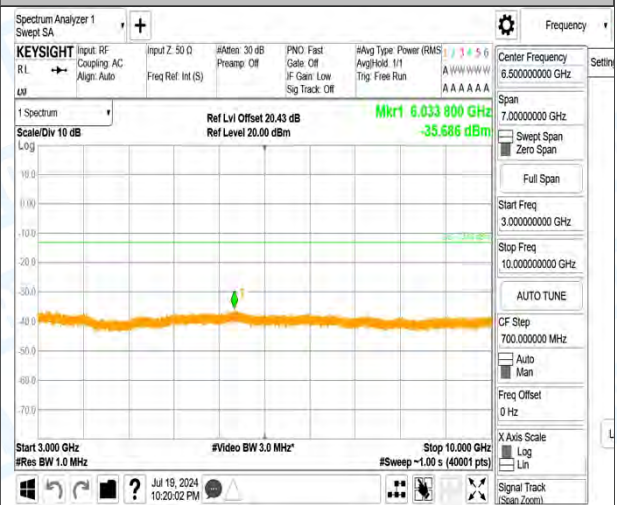
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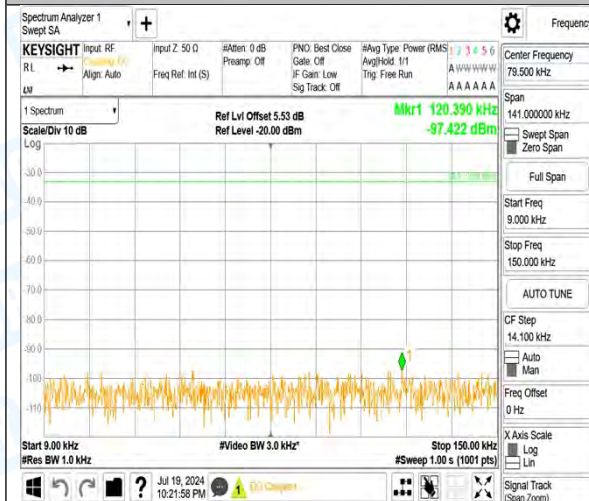
Band5\_1.4MHz\_QPSK\_20525\_1RB#0\_3000~10000\_3000~10000



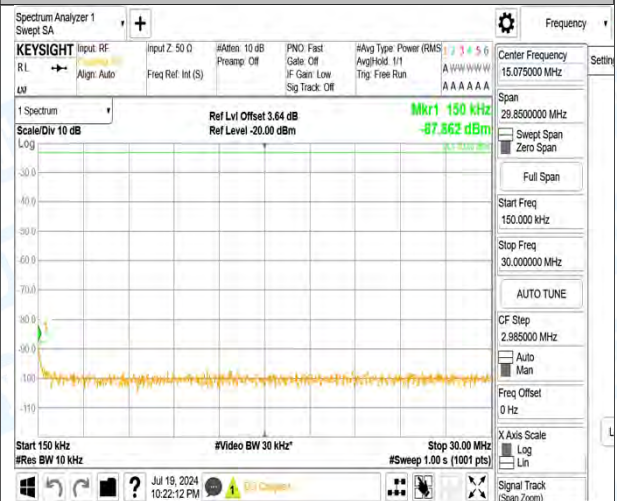
Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.009~0.15\_0.009~0.15



Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_0.15~30\_0.15~30



Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_30~1000\_30~1000



Band5\_1.4MHz\_QPSK\_20643\_1RB#0\_1000~3000\_1000~3000