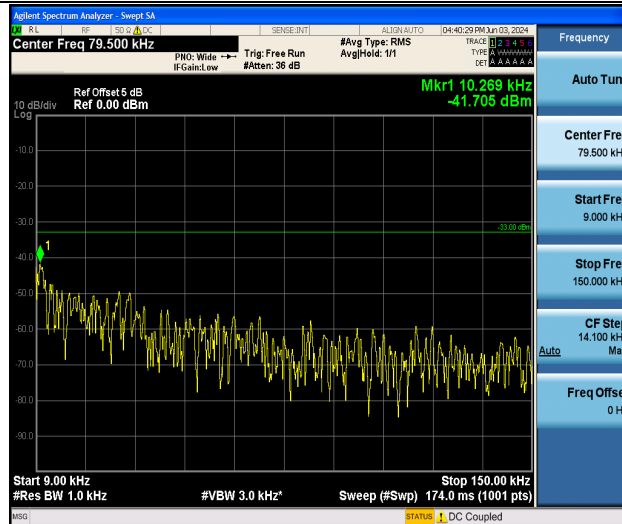
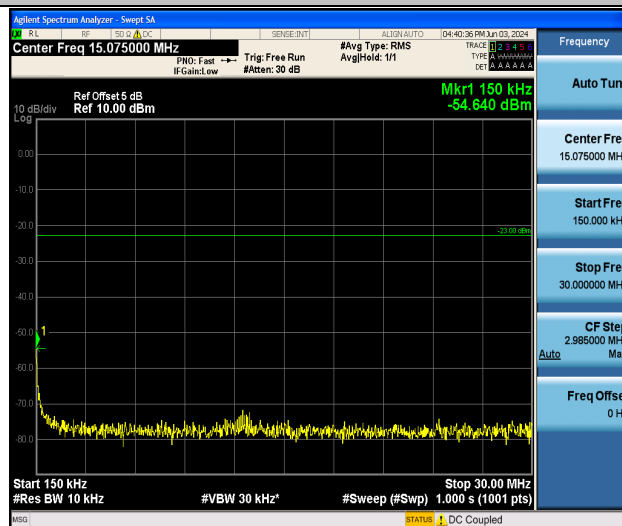
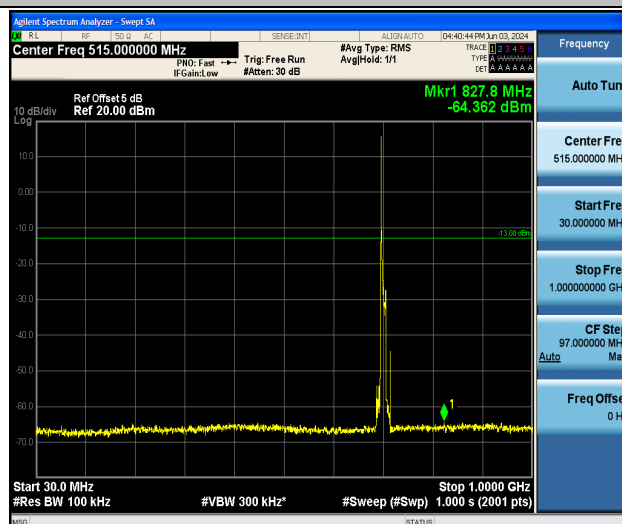




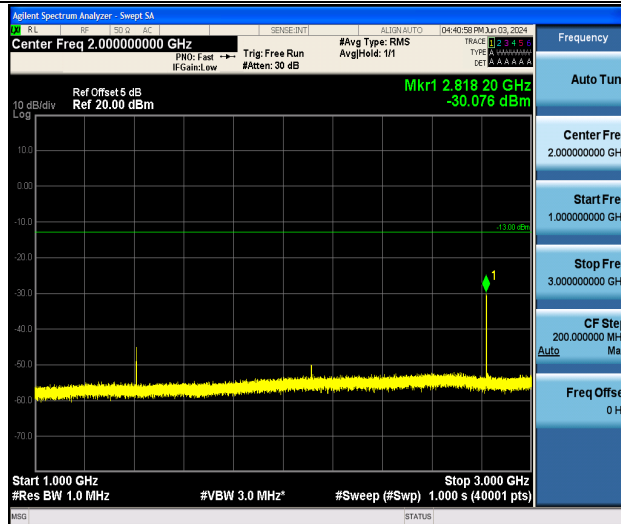
Band17\_10MHz\_QPSK\_23780\_1RB#0\_0.009~0.15\_0.009~0.15



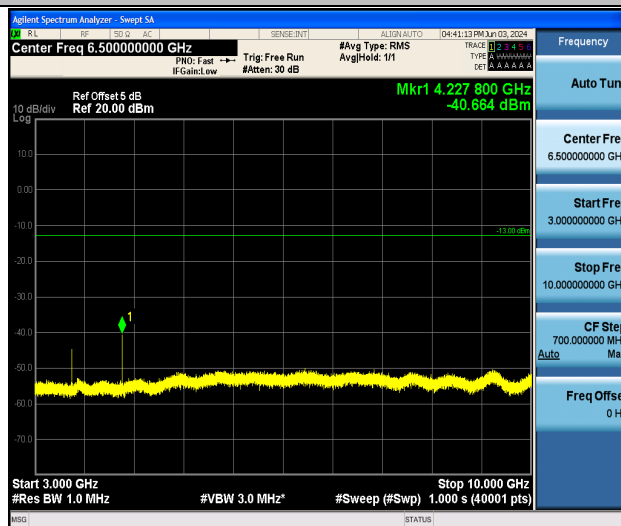
Band17\_10MHz\_QPSK\_23780\_1RB#0\_0.15~30\_0.15~30



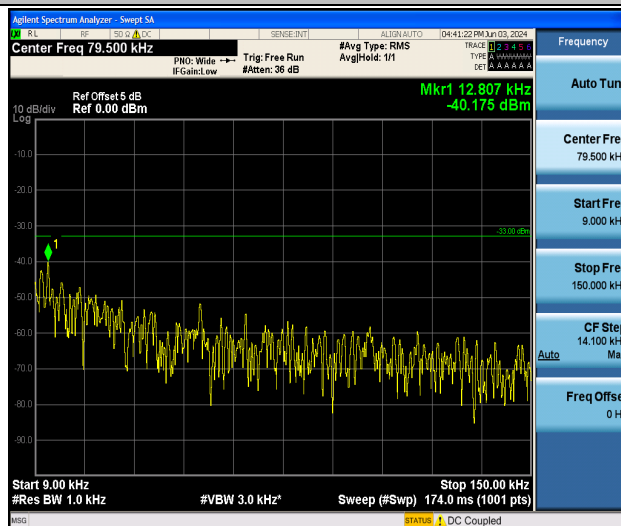
Band17\_10MHz\_QPSK\_23780\_1RB#0\_30~1000\_30~1000



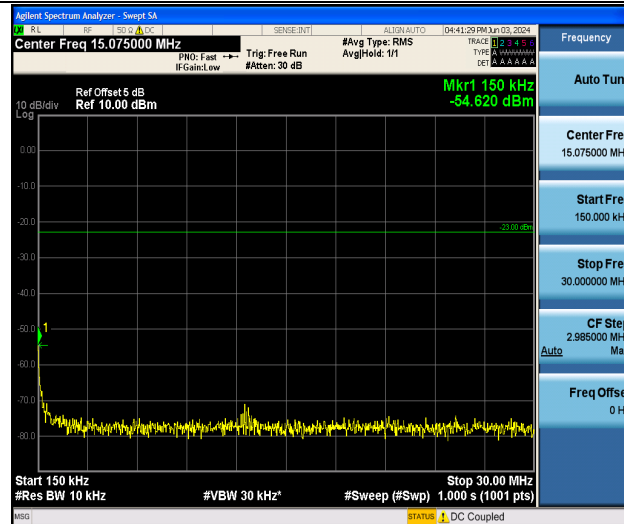
Band17\_10MHz\_QPSK\_23780\_1RB#0\_1000~3000\_1000~3000



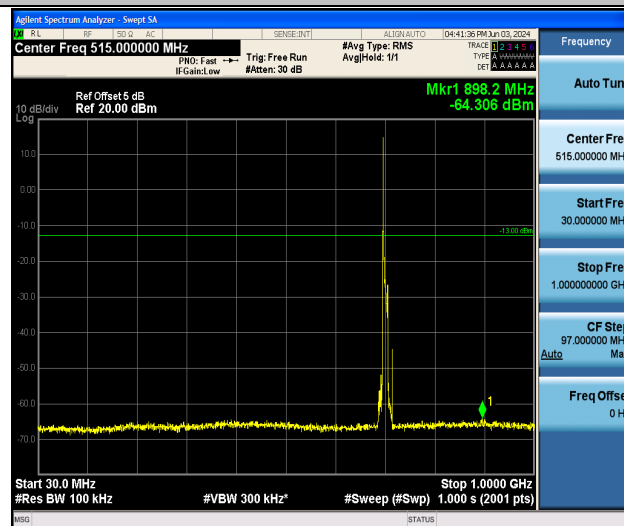
Band17\_10MHz\_QPSK\_23780\_1RB#0\_3000~10000\_3000~10000



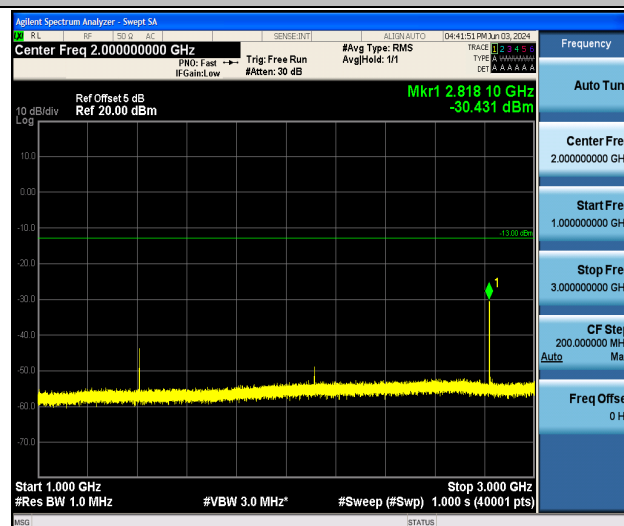
Band17\_10MHz\_16QAM\_23780\_1RB#0\_0.009~0.15\_0.009~0.15



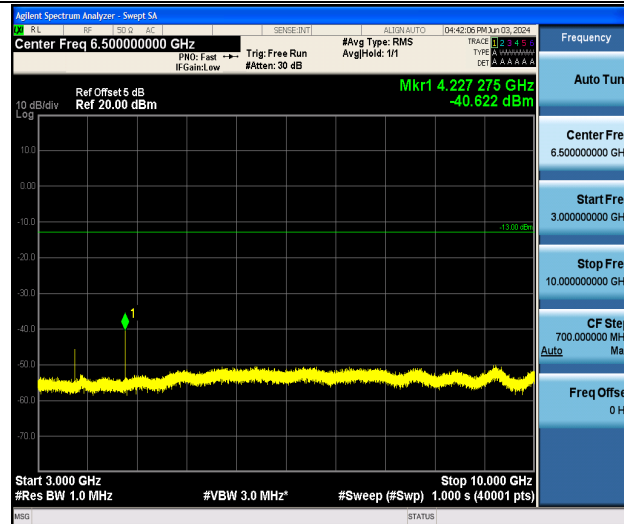
Band17\_10MHz\_16QAM\_23780\_1RB#0\_0.15~30\_0.15~30



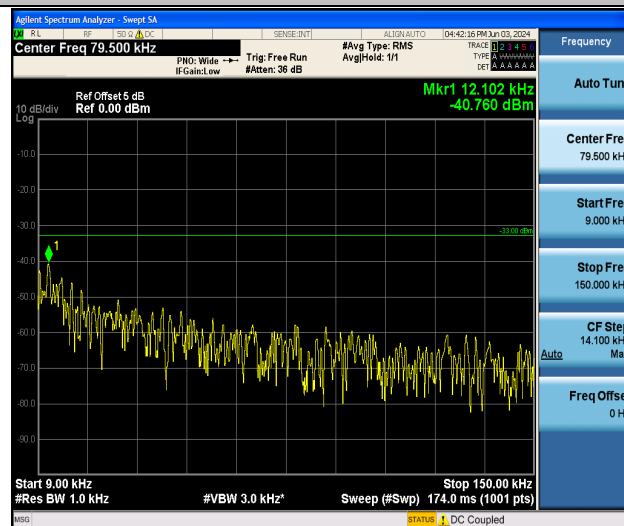
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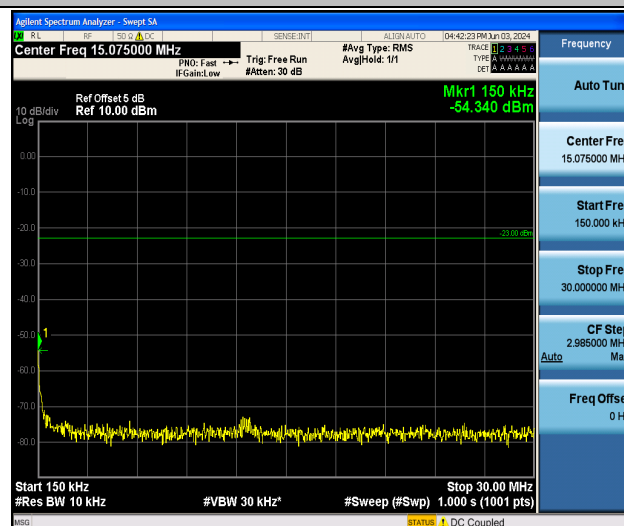
Band17\_10MHz\_16QAM\_23780\_1RB#0\_1000~3000\_1000~3000



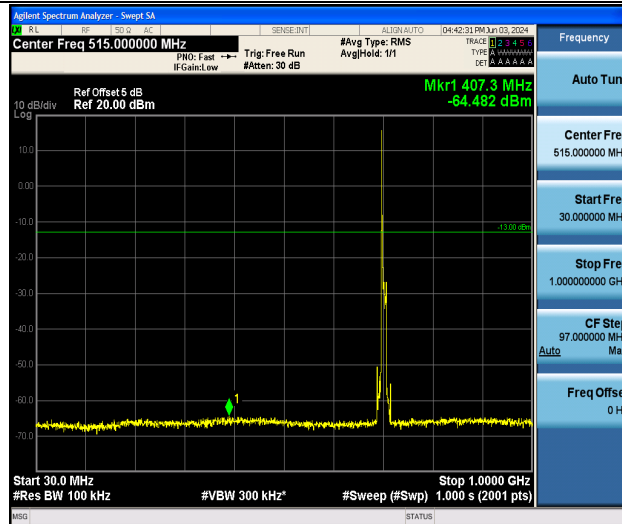
Band17\_10MHz\_16QAM\_23780\_1RB#0\_3000~10000\_3000~10000



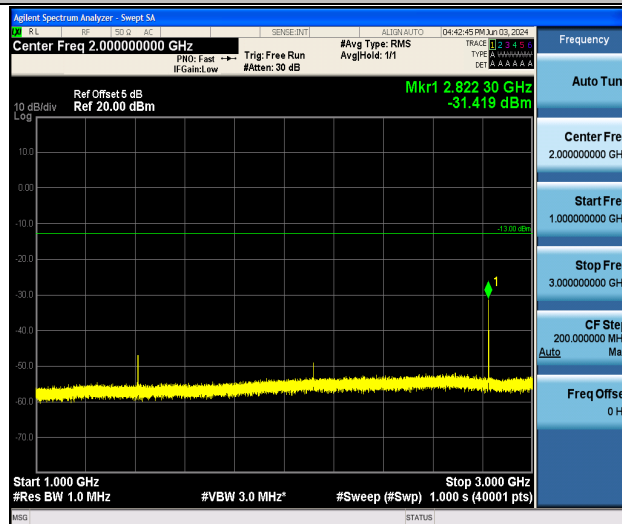
Band17\_10MHz\_QPSK\_23790\_1RB#0\_0.009~0.15\_0.009~0.15



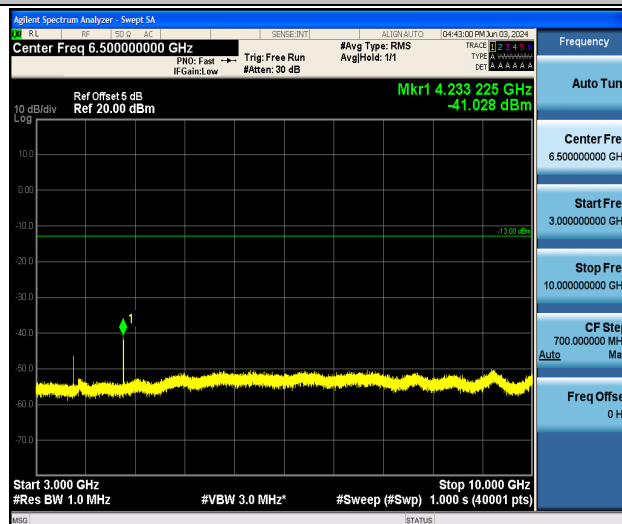
Band17\_10MHz\_QPSK\_23790\_1RB#0\_0.15~30\_0.15~30



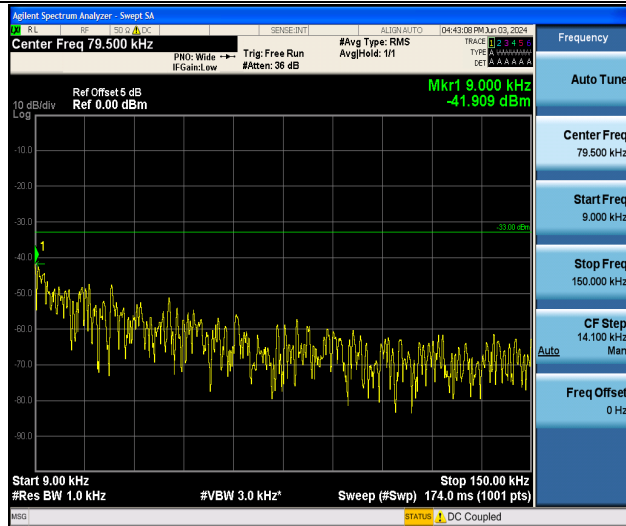
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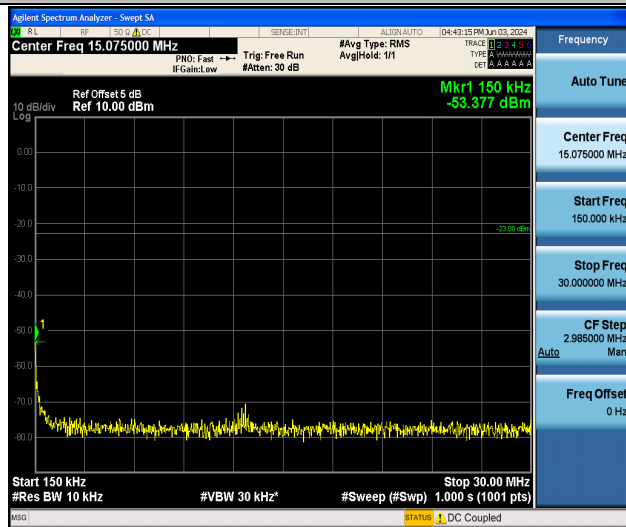
Band17\_10MHz\_QPSK\_23790\_1RB#0\_1000~3000\_1000~3000



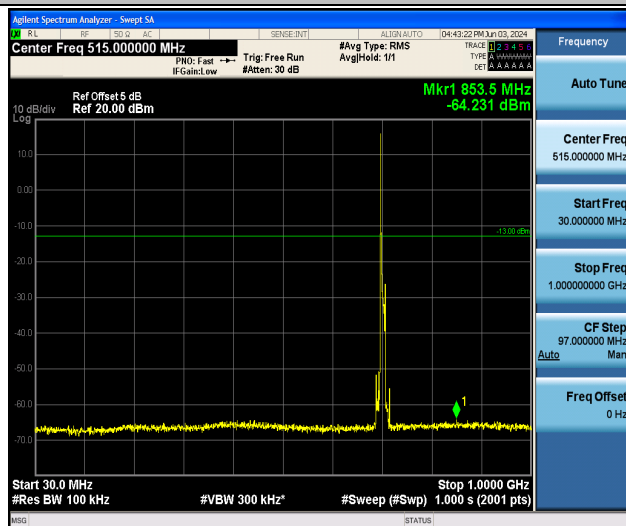
Band17\_10MHz\_QPSK\_23790\_1RB#0\_3000~10000\_3000~10000



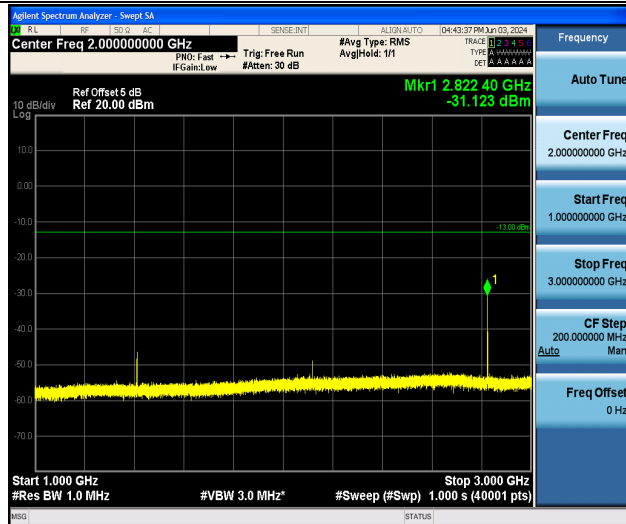
Band17\_10MHz\_16QAM\_23790\_1RB#0\_0.009~0.15\_0.009~0.15



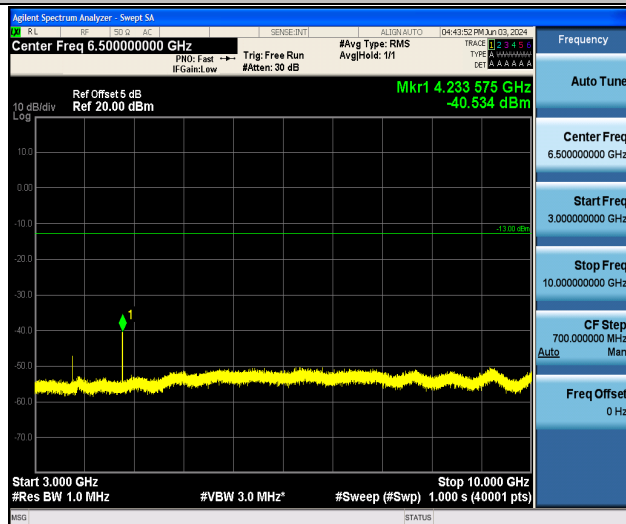
Band17\_10MHz\_16QAM\_23790\_1RB#0\_0.15~30\_0.15~30



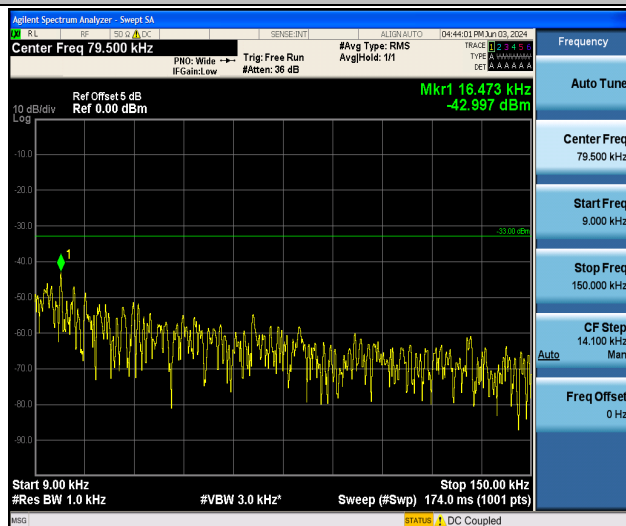
Band17\_10MHz\_16QAM\_23790\_1RB#0\_30~1000\_30~1000



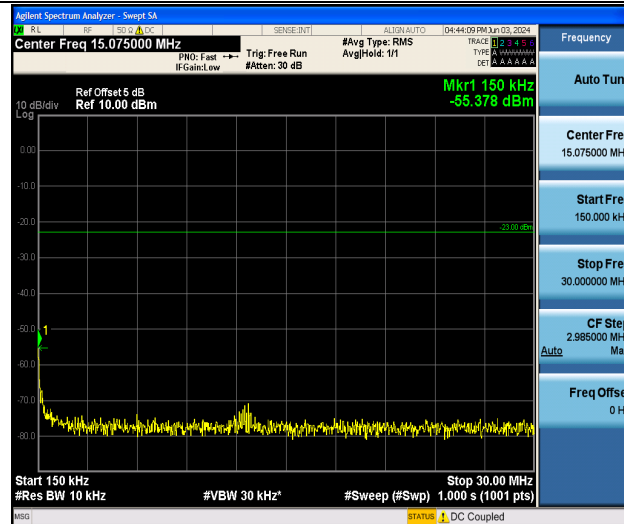
Band17\_10MHz\_16QAM\_23790\_1RB#0\_1000~3000\_1000~3000



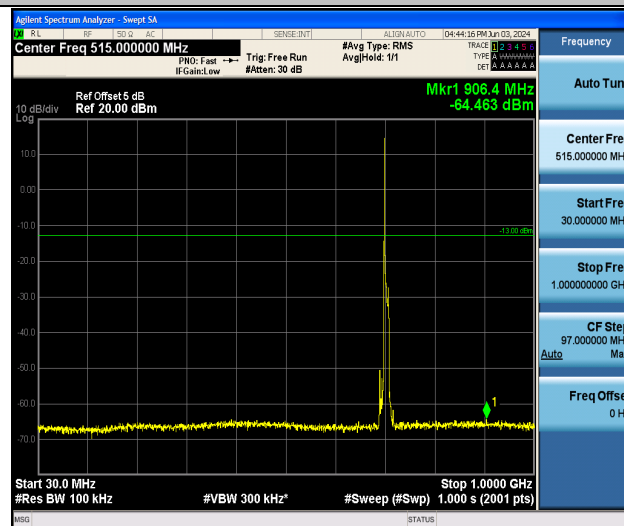
Band17\_10MHz\_16QAM\_23790\_1RB#0\_3000~10000\_3000~10000



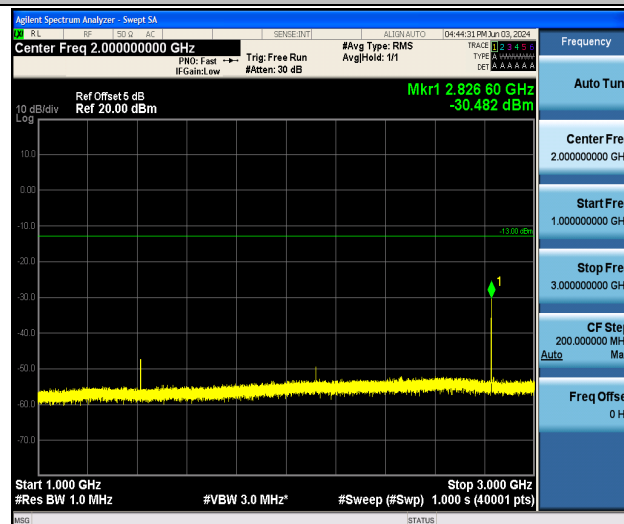
Band17\_10MHz\_QPSK\_23800\_1RB#0\_0.009~0.15\_0.009~0.15



Band17\_10MHz\_QPSK\_23800\_1RB#0\_0.15~30\_0.15~30

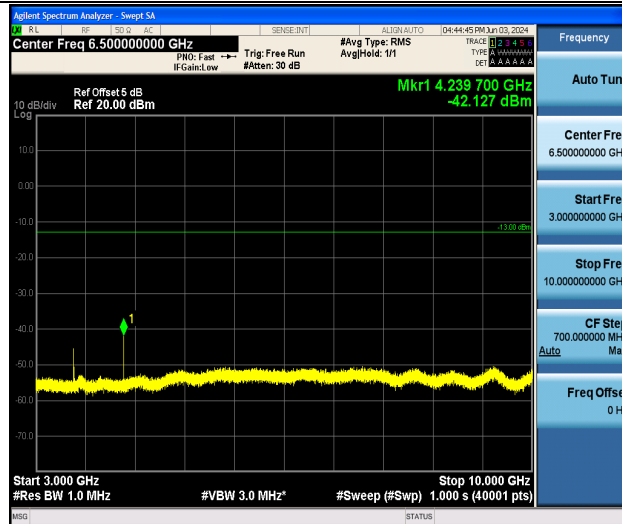


Band17\_10MHz\_QPSK\_23800\_1RB#0\_30~1000\_30~1000

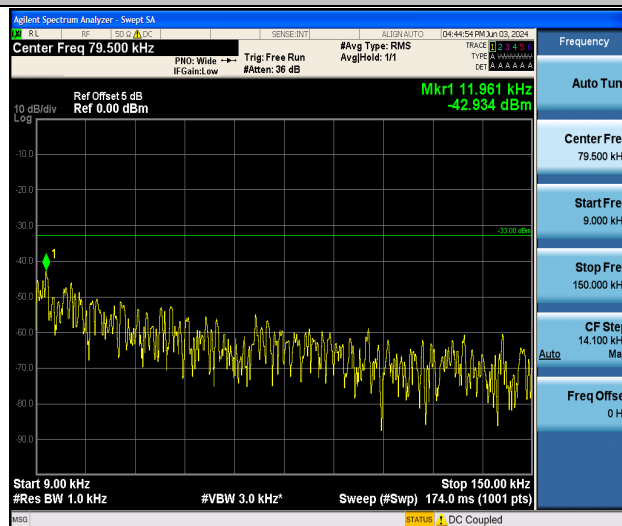


Band17\_10MHz\_QPSK\_23800\_1RB#0\_1000~3000\_1000~3000

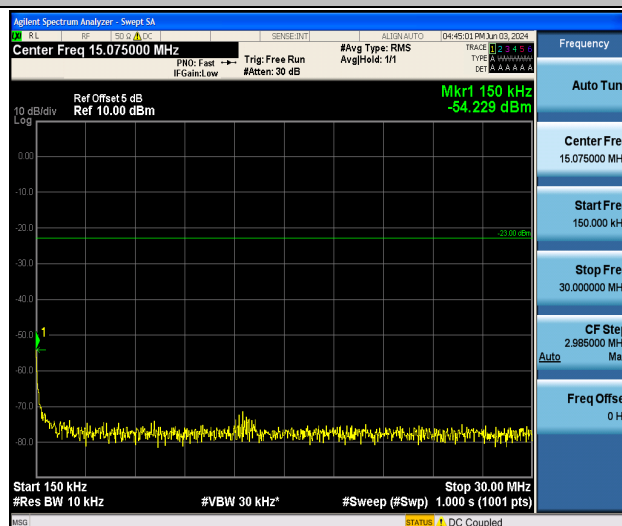




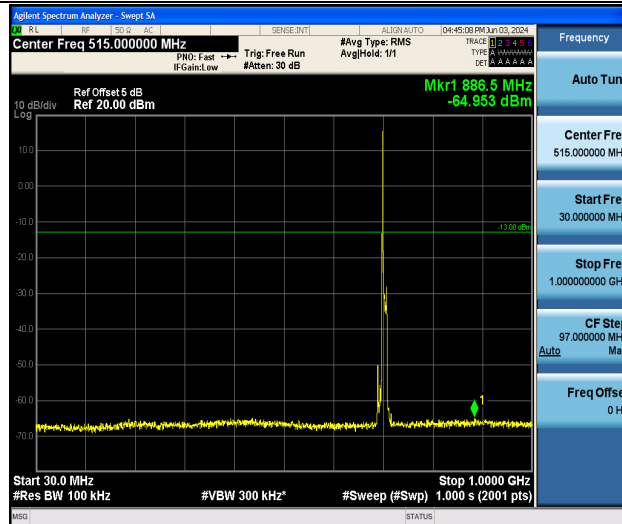
Band17\_10MHz\_QPSK\_23800\_1RB#0\_3000~10000\_3000~10000



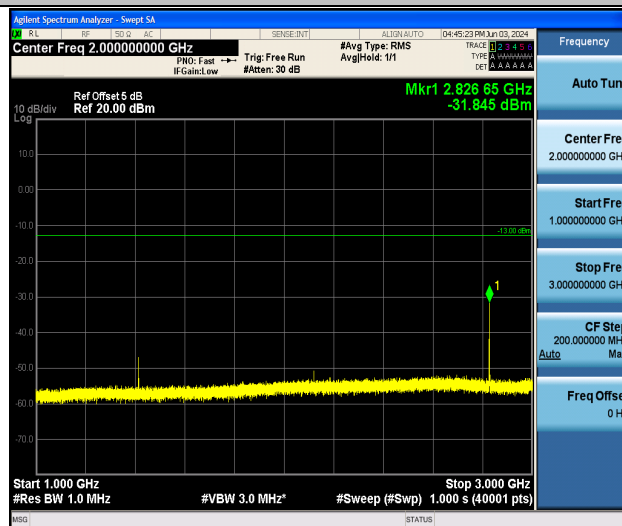
Band17\_10MHz\_16QAM\_23800\_1RB#0\_0.009~0.15\_0.009~0.15



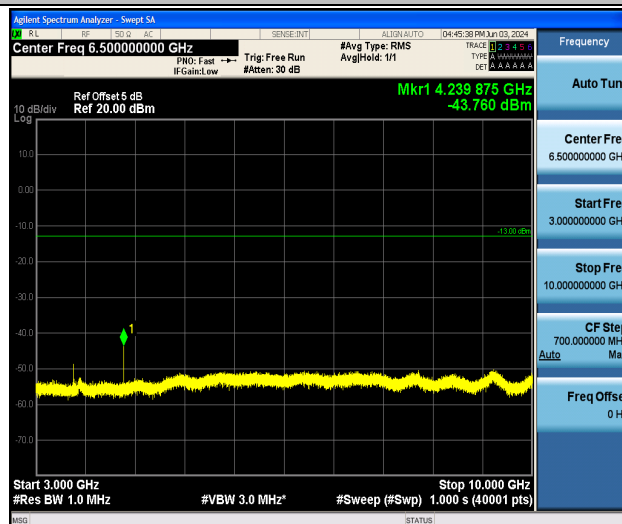
Band17\_10MHz\_16QAM\_23800\_1RB#0\_0.15~30\_0.15~30



Band17\_10MHz\_16QAM\_23800\_1RB#0\_30~1000\_30~1000



Band17\_10MHz\_16QAM\_23800\_1RB#0\_1000~3000\_1000~3000



Band17\_10MHz\_16QAM\_23800\_1RB#0\_3000~10000\_3000~10000

## 1.6. Appendix F: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band17  | 5MHz      | QPSK       | 23755   | 25RB#0       | VN            | NT               | -41.30         | -0.058457       | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23755   | 25RB#0       | VL            | NT               | -7.97          | -0.011281       | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23755   | 25RB#0       | VH            | NT               | -47.05         | -0.066596       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23755   | 25RB#0       | VN            | NT               | -31.55         | -0.044657       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23755   | 25RB#0       | VL            | NT               | -17.45         | -0.024699       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23755   | 25RB#0       | VH            | NT               | -39.81         | -0.056348       | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23790   | 25RB#0       | VN            | NT               | 6.54           | 0.009211        | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23790   | 25RB#0       | VL            | NT               | -2.60          | -0.003662       | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23790   | 25RB#0       | VH            | NT               | -31.42         | -0.044254       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23790   | 25RB#0       | VN            | NT               | -35.08         | -0.049408       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23790   | 25RB#0       | VL            | NT               | -47.57         | -0.067000       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23790   | 25RB#0       | VH            | NT               | -44.53         | -0.062718       | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23825   | 25RB#0       | VN            | NT               | 8.74           | 0.012249        | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23825   | 25RB#0       | VL            | NT               | 8.01           | 0.011226        | ±2.5        | PASS    |
| Band17  | 5MHz      | QPSK       | 23825   | 25RB#0       | VH            | NT               | -30.24         | -0.042383       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23825   | 25RB#0       | VN            | NT               | -22.60         | -0.031675       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23825   | 25RB#0       | VL            | NT               | -33.50         | -0.046952       | ±2.5        | PASS    |
| Band17  | 5MHz      | 16QAM      | 23825   | 25RB#0       | VH            | NT               | -25.51         | -0.035753       | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23780   | 50RB#0       | VN            | NT               | 7.11           | 0.010028        | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23780   | 50RB#0       | VL            | NT               | 13.15          | 0.018547        | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23780   | 50RB#0       | VH            | NT               | 6.40           | 0.009027        | ±2.5        | PASS    |
| Band17  | 10MHz     | 16QAM      | 23780   | 50RB#0       | VN            | NT               | -27.04         | -0.038138       | ±2.5        | PASS    |
| Band17  | 10MHz     | 16QAM      | 23780   | 50RB#0       | VL            | NT               | -22.83         | -0.032200       | ±2.5        | PASS    |
| Band17  | 10MHz     | 16QAM      | 23780   | 50RB#0       | VH            | NT               | -14.82         | -0.020903       | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23790   | 50RB#0       | VN            | NT               | 7.12           | 0.010028        | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23790   | 50RB#0       | VL            | NT               | 19.69          | 0.027732        | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23790   | 50RB#0       | VH            | NT               | 18.51          | 0.026070        | ±2.5        | PASS    |
| Band17  | 10MHz     | 16QAM      | 23790   | 50RB#0       | VN            | NT               | -14.98         | -0.021099       | ±2.5        | PASS    |
| Band17  | 10MHz     | 16QAM      | 23790   | 50RB#0       | VL            | NT               | -10.83         | -0.015254       | ±2.5        | PASS    |
| Band17  | 10MHz     | 16QAM      | 23790   | 50RB#0       | VH            | NT               | -6.58          | -0.009268       | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23800   | 50RB#0       | VN            | NT               | 15.84          | 0.022278        | ±2.5        | PASS    |
| Band17  | 10MHz     | QPSK       | 23800   | 50RB#0       | VL            | NT               | 25.41          | 0.035738        | ±2.5        | PASS    |

|        |       |       |       |        |    |    |        |           |      |      |
|--------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | VH | NT | 18.80  | 0.026442  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | VN | NT | -16.32 | -0.022954 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | VL | NT | -14.36 | -0.020197 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | VH | NT | -4.19  | -0.005893 | ±2.5 | PASS |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band17      | 5MHz      | QPSK       | 23755   | 25RB#0       | NV            | -5               | -48.86         | -0.069158       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23755   | 25RB#0       | NV            | 0                | -49.50         | -0.070064       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23755   | 25RB#0       | NV            | 10               | -23.76         | -0.033631       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23755   | 25RB#0       | NV            | 20               | -25.44         | -0.036008       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23755   | 25RB#0       | NV            | 30               | -23.29         | -0.032965       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23755   | 25RB#0       | NV            | -5               | -10.93         | -0.015471       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23755   | 25RB#0       | NV            | 0                | -27.48         | -0.038896       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23755   | 25RB#0       | NV            | 10               | 1.74           | 0.002463        | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23755   | 25RB#0       | NV            | 20               | -14.16         | -0.020042       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23755   | 25RB#0       | NV            | 30               | -36.60         | -0.051805       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23790   | 25RB#0       | NV            | -5               | -27.83         | -0.039197       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23790   | 25RB#0       | NV            | 0                | -7.77          | -0.010944       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23790   | 25RB#0       | NV            | 10               | -40.73         | -0.057366       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23790   | 25RB#0       | NV            | 20               | -15.15         | -0.021338       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23790   | 25RB#0       | NV            | 30               | -37.72         | -0.053127       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23790   | 25RB#0       | NV            | -5               | -33.34         | -0.046958       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23790   | 25RB#0       | NV            | 0                | -27.86         | -0.039239       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23790   | 25RB#0       | NV            | 10               | -28.03         | -0.039479       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23790   | 25RB#0       | NV            | 20               | -27.62         | -0.038901       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23790   | 25RB#0       | NV            | 30               | -27.18         | -0.038282       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23825   | 25RB#0       | NV            | -5               | -19.15         | -0.026840       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23825   | 25RB#0       | NV            | 0                | -3.03          | -0.004247       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23825   | 25RB#0       | NV            | 10               | -31.44         | -0.044064       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23825   | 25RB#0       | NV            | 20               | -17.66         | -0.024751       | ±2.5        | PASS    |
| Band17      | 5MHz      | QPSK       | 23825   | 25RB#0       | NV            | 30               | -45.19         | -0.063336       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23825   | 25RB#0       | NV            | -5               | -5.57          | -0.007807       | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23825   | 25RB#0       | NV            | 0                | 3.91           | 0.005480        | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23825   | 25RB#0       | NV            | 10               | 9.52           | 0.013343        | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23825   | 25RB#0       | NV            | 20               | 5.07           | 0.007106        | ±2.5        | PASS    |
| Band17      | 5MHz      | 16QAM      | 23825   | 25RB#0       | NV            | 30               | 6.65           | 0.009320        | ±2.5        | PASS    |
| Band17      | 10MHz     | QPSK       | 23780   | 50RB#0       | NV            | -5               | -9.81          | -0.013836       | ±2.5        | PASS    |

|        |       |       |       |        |    |    |        |           |      |      |
|--------|-------|-------|-------|--------|----|----|--------|-----------|------|------|
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0 | NV | 0  | -13.08 | -0.018449 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0 | NV | 10 | -13.10 | -0.018477 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0 | NV | 20 | -14.89 | -0.021001 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0 | NV | 30 | -15.46 | -0.021805 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | -5 | 10.17  | 0.014344  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 0  | 15.53  | 0.021904  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 10 | 18.85  | 0.026587  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 20 | 22.39  | 0.031580  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | NV | 30 | 23.72  | 0.033456  | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | NV | -5 | -3.60  | -0.005070 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | NV | 0  | 2.61   | 0.003676  | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | NV | 10 | -5.47  | -0.007704 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | NV | 20 | -9.77  | -0.013761 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | NV | 30 | -11.14 | -0.015690 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | -5 | 26.81  | 0.037761  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 0  | 38.14  | 0.053718  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 10 | 6.98   | 0.009831  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 20 | 6.82   | 0.009606  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | NV | 30 | 11.93  | 0.016803  | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | NV | -5 | -24.29 | -0.034163 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | NV | 0  | -23.59 | -0.033179 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | NV | 10 | -35.25 | -0.049578 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | NV | 20 | -42.89 | -0.060323 | ±2.5 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | NV | 30 | -2.75  | -0.003868 | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | -5 | 21.70  | 0.030520  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 0  | 26.48  | 0.037243  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 10 | 31.19  | 0.043868  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 20 | 34.31  | 0.048256  | ±2.5 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | NV | 30 | 40.89  | 0.057511  | ±2.5 | PASS |

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