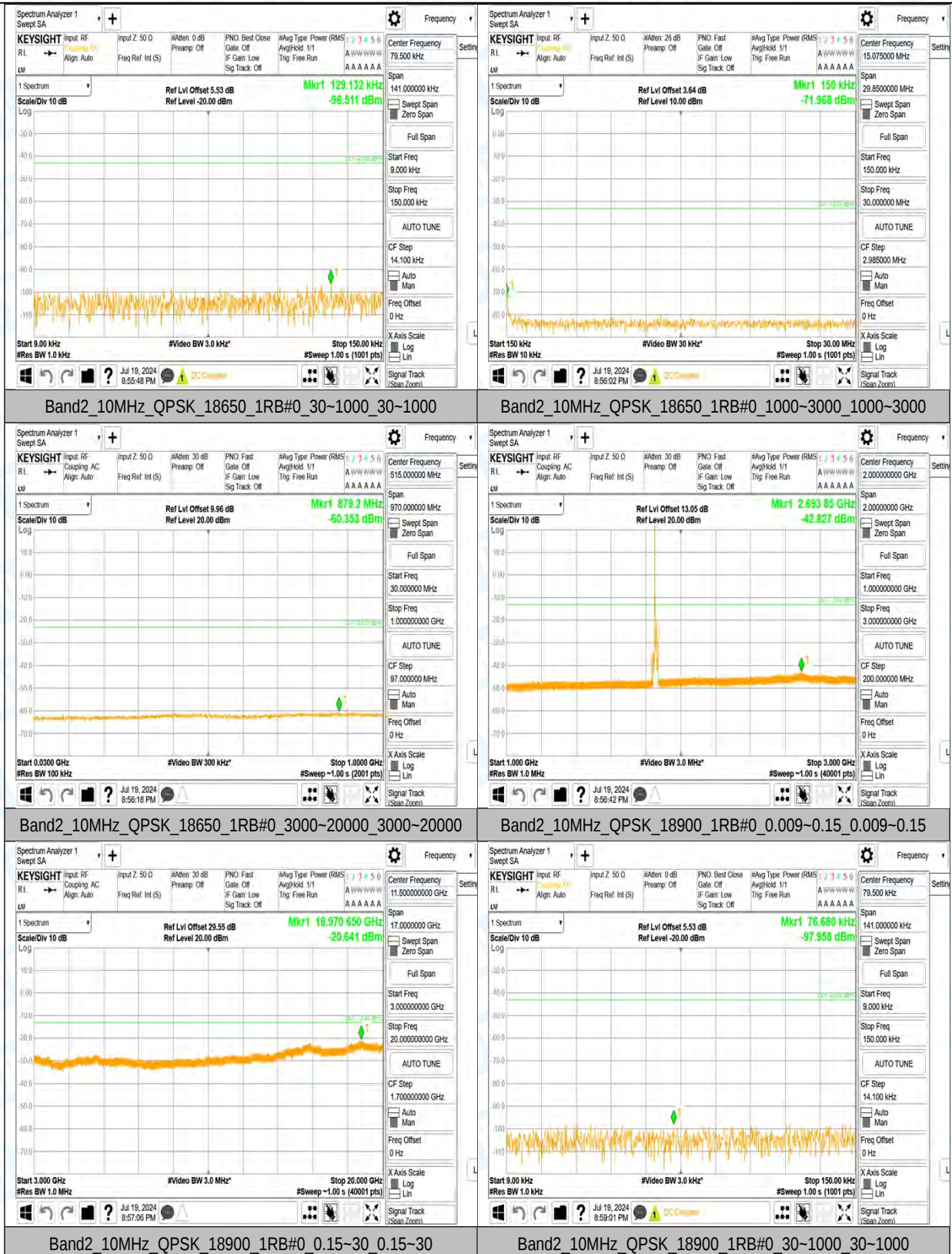
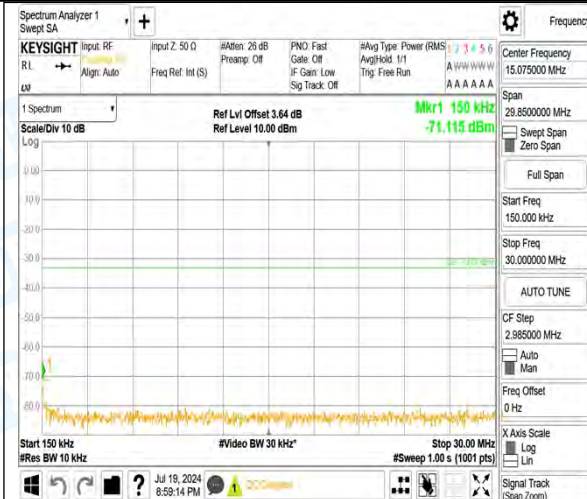
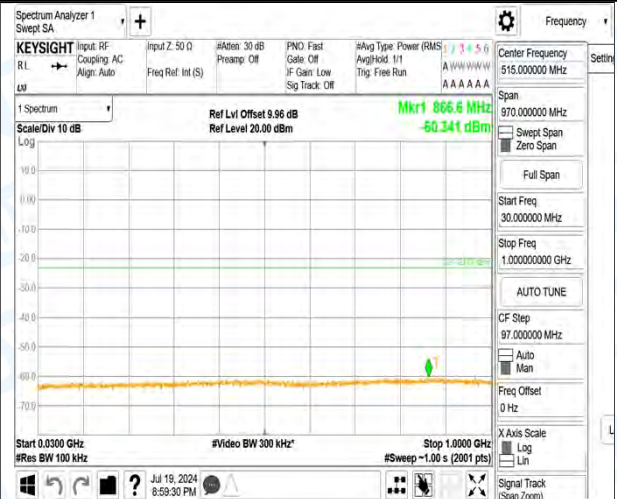


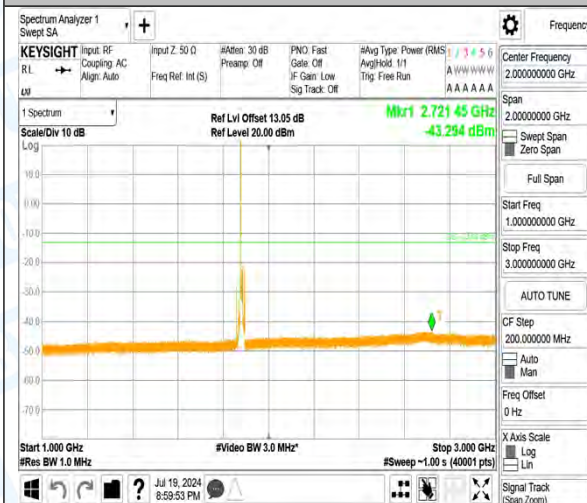




Band2\_10MHz\_QPSK\_18900\_1RB#0\_1000-3000\_1000-3000



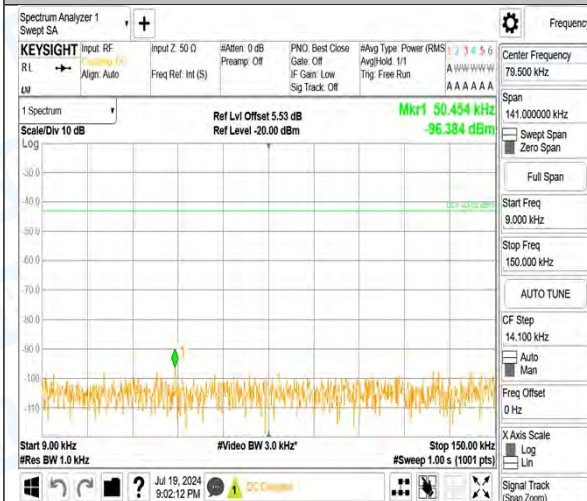
Band2\_10MHz\_QPSK\_18900\_1RB#0\_3000-20000\_3000-20000



Band2\_10MHz\_QPSK\_19150\_1RB#0\_0.009-0.15\_0.009-0.15



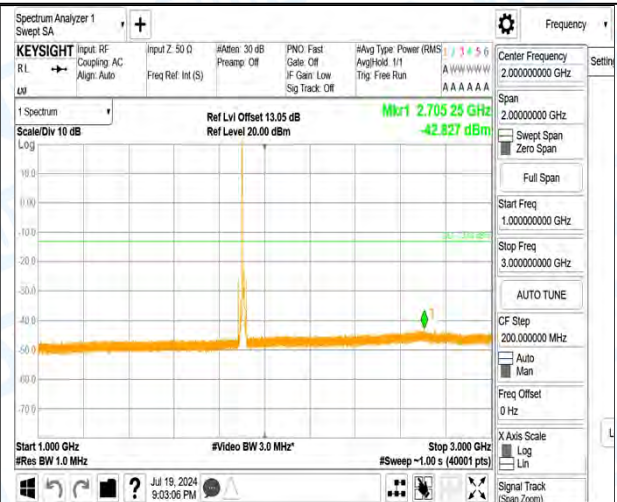
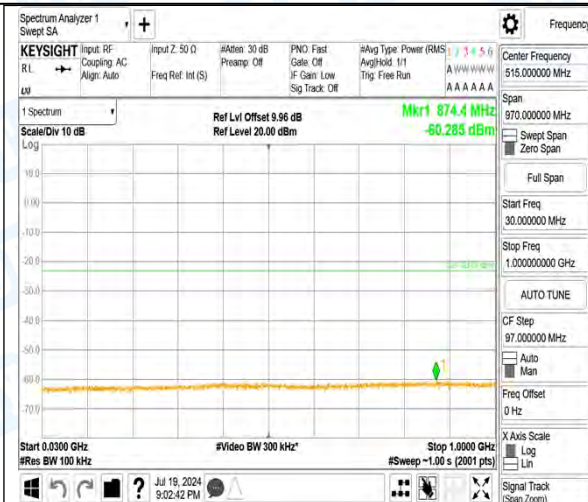
Band2\_10MHz\_QPSK\_19150\_1RB#0\_0.15-30\_0.15-30



Band2\_10MHz\_QPSK\_19150\_1RB#0\_30-1000\_30-1000

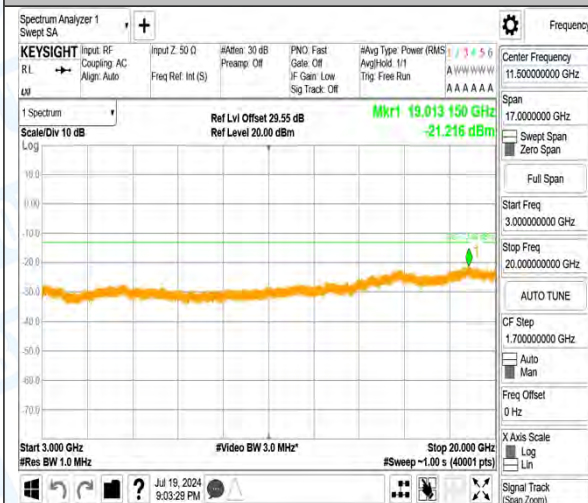


Band2\_10MHz\_QPSK\_19150\_1RB#0\_1000-3000\_1000-3000



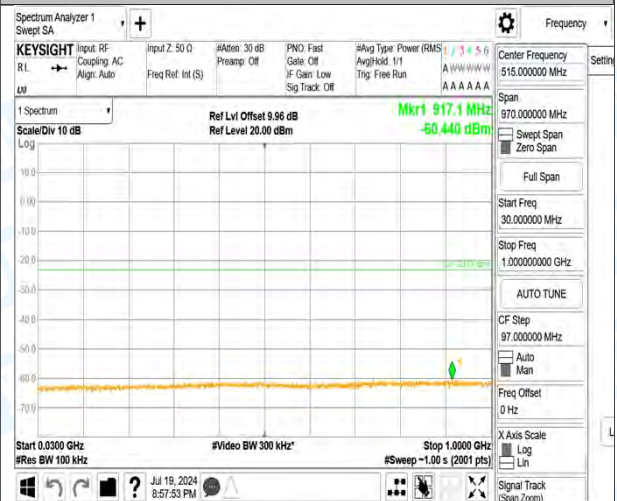
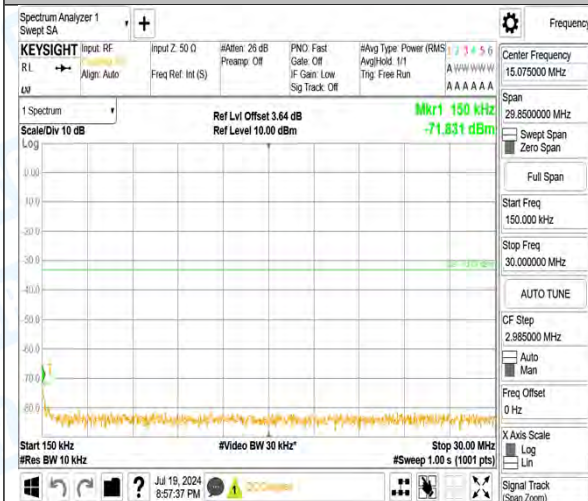
Band2\_10MHz\_QPSK\_19150\_1RB#0\_3000~20000\_3000~20000

Band2\_10MHz\_16QAM\_18650\_1RB#0\_0.009~0.15\_0.009~0.15



Band2\_10MHz\_16QAM\_18650\_1RB#0\_0.15~30\_0.15~30

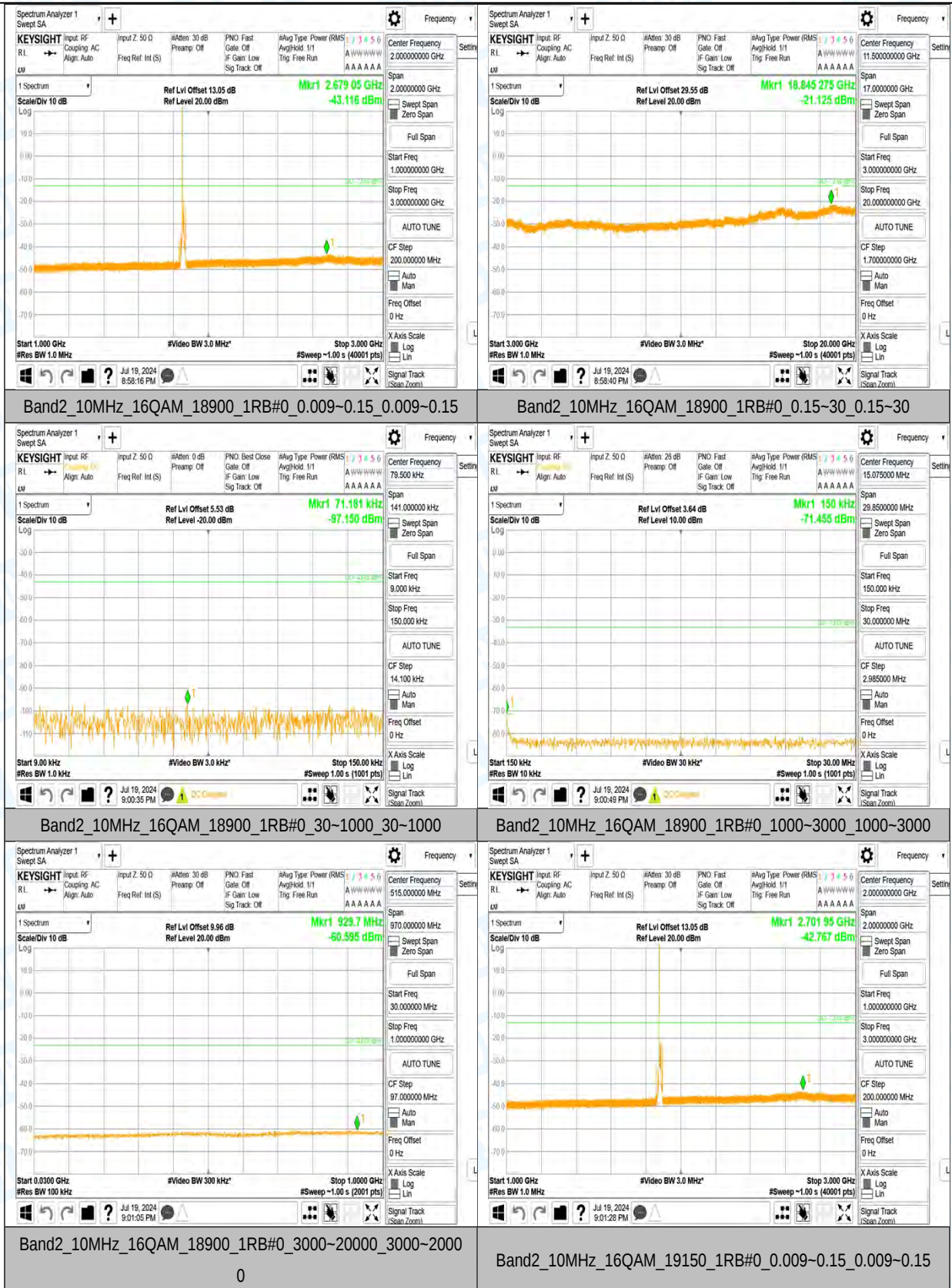
Band2\_10MHz\_16QAM\_18650\_1RB#0\_30~1000\_30~1000

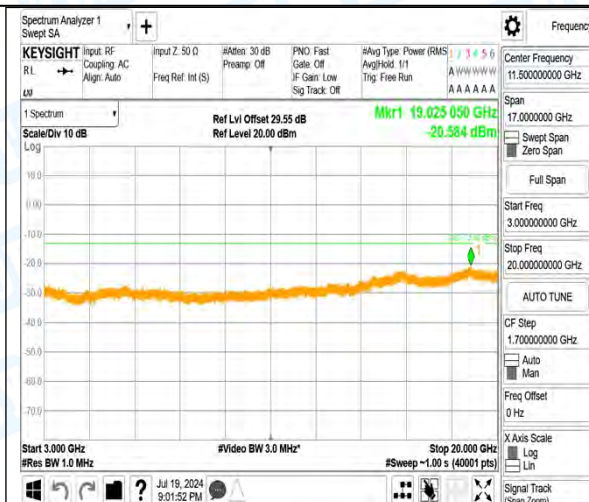


Band2\_10MHz\_16QAM\_18650\_1RB#0\_1000~3000\_1000~3000

Band2\_10MHz\_16QAM\_18650\_1RB#0\_3000~20000\_3000~20000

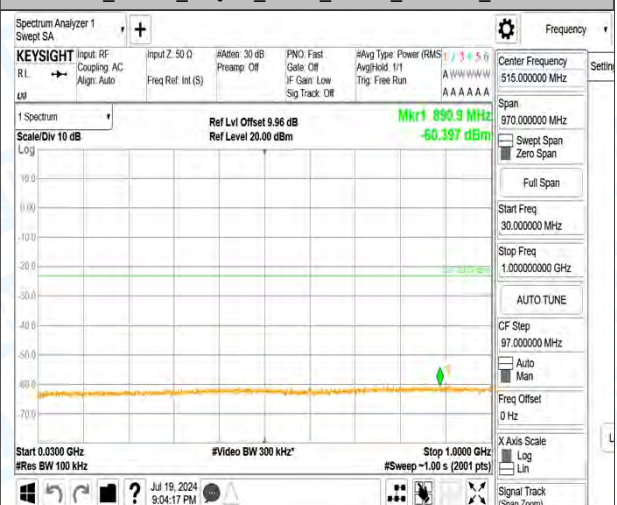
0





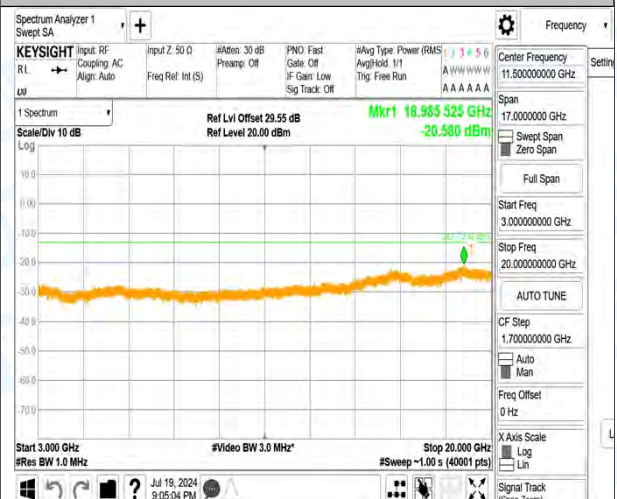
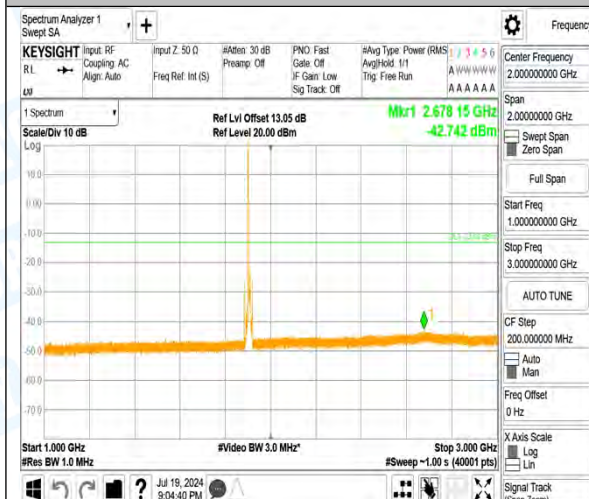
Band2\_10MHz\_16QAM\_19150\_1RB#0\_0.15~30\_0.15~30

Band2\_10MHz\_16QAM\_19150\_1RB#0\_30~1000\_30~1000



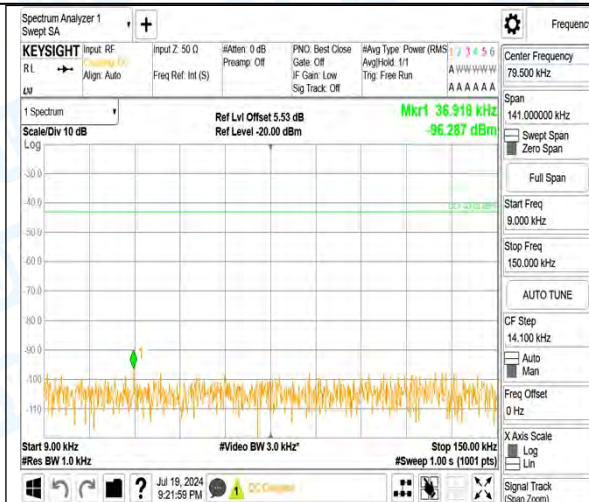
Band2\_10MHz\_16QAM\_19150\_1RB#0\_1000~3000\_1000~3000

Band2\_10MHz\_16QAM\_19150\_1RB#0\_3000~20000\_3000~20000



Band2\_15MHz\_QPSK\_18675\_1RB#0\_0.009~0.15\_0.009~0.15

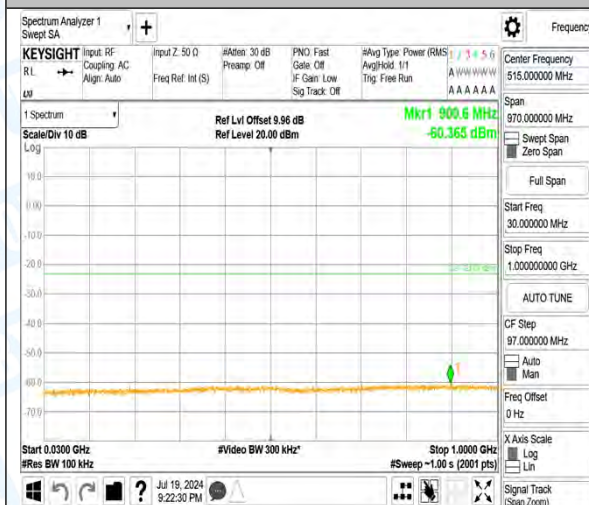
Band2\_15MHz\_QPSK\_18675\_1RB#0\_0.15~30\_0.15~30



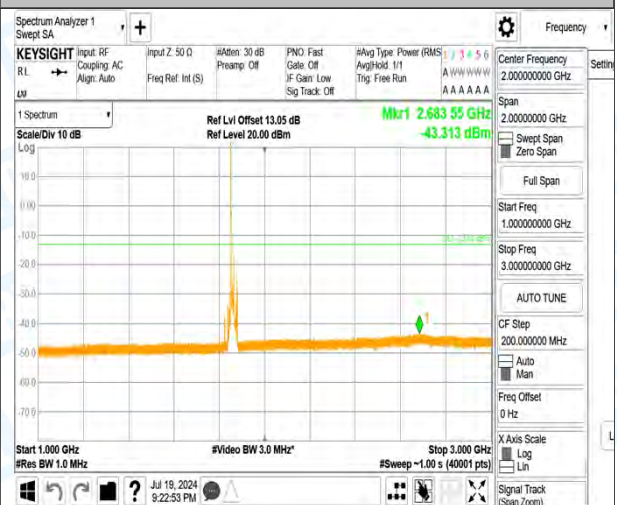
Band2\_15MHz\_QPSK\_18675\_1RB#0\_30-1000\_30-1000



Band2\_15MHz\_QPSK\_18675\_1RB#0\_1000-3000\_1000-3000



Band2\_15MHz\_QPSK\_18675\_1RB#0\_3000-20000\_3000-20000



Band2\_15MHz\_QPSK\_18900\_1RB#0\_0.009-0.15\_0.009-0.15

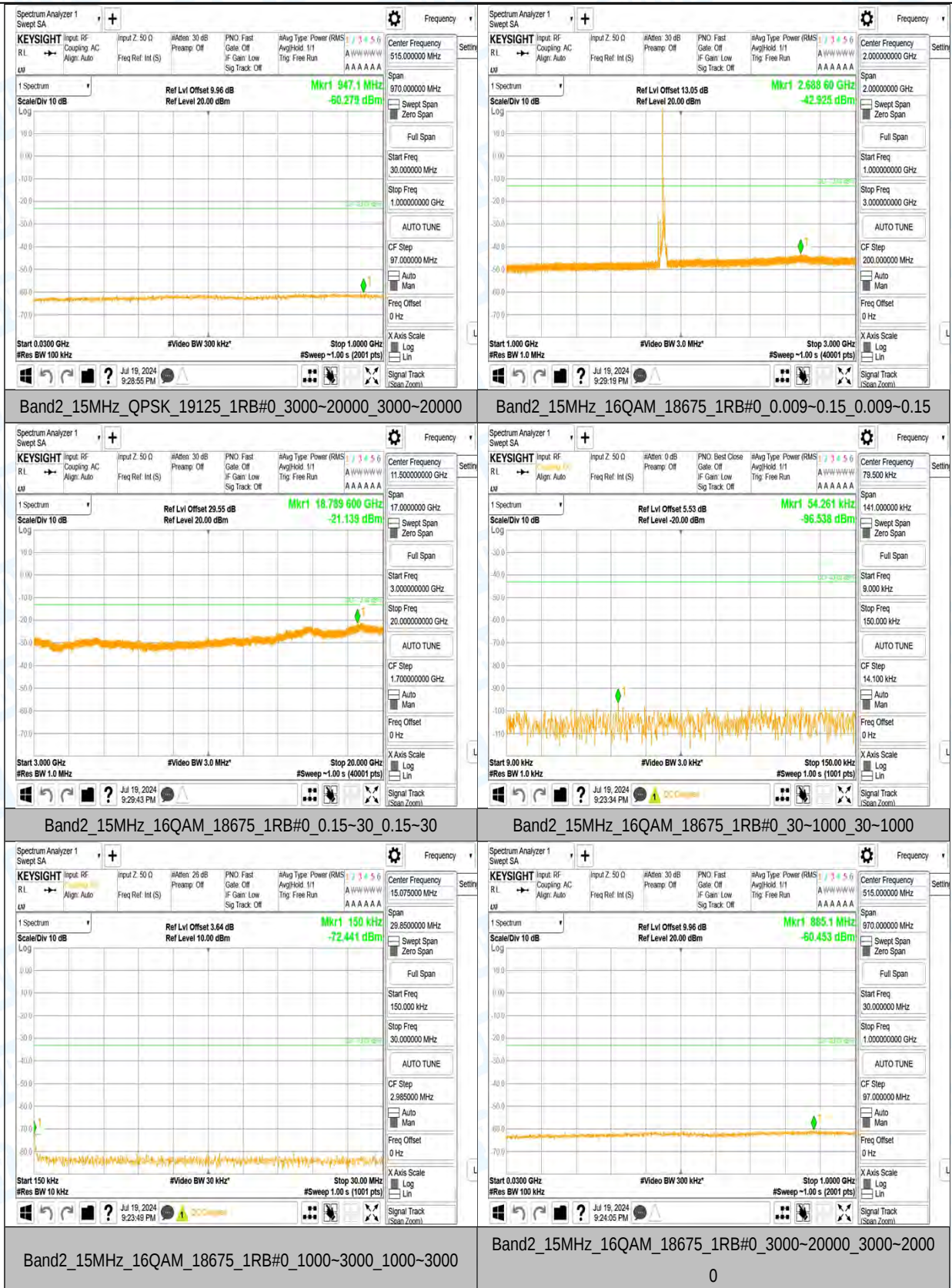


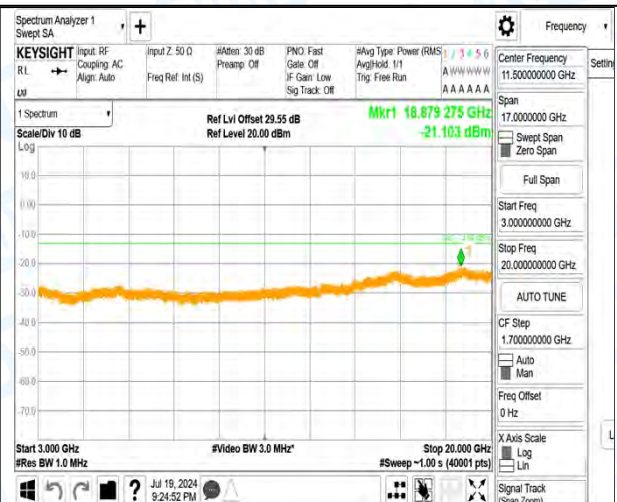
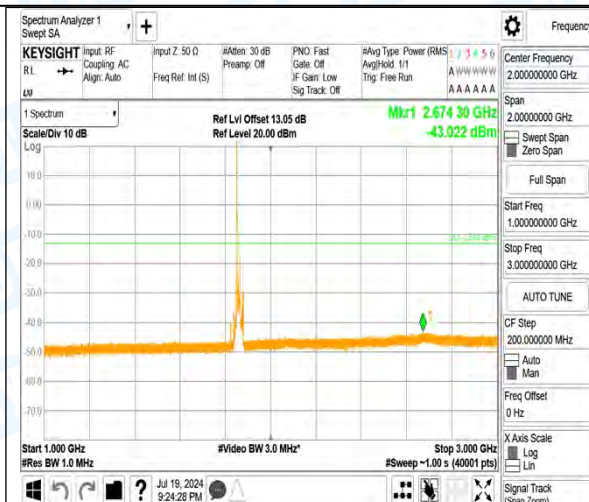
Band2\_15MHz\_QPSK\_18900\_1RB#0\_0.15-30\_0.15-30



Band2\_15MHz\_QPSK\_18900\_1RB#0\_30-1000\_30-1000

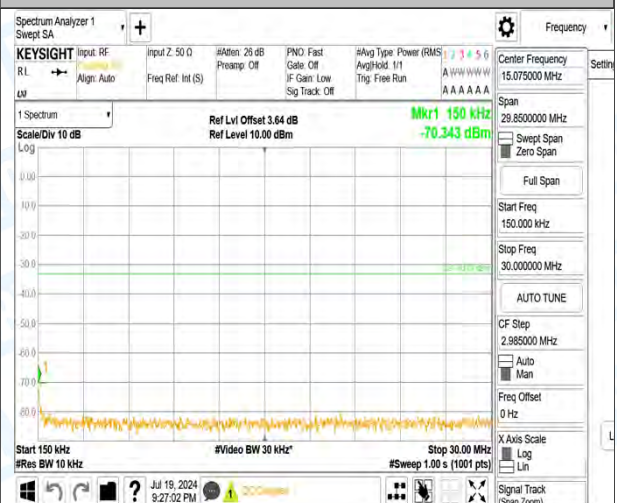
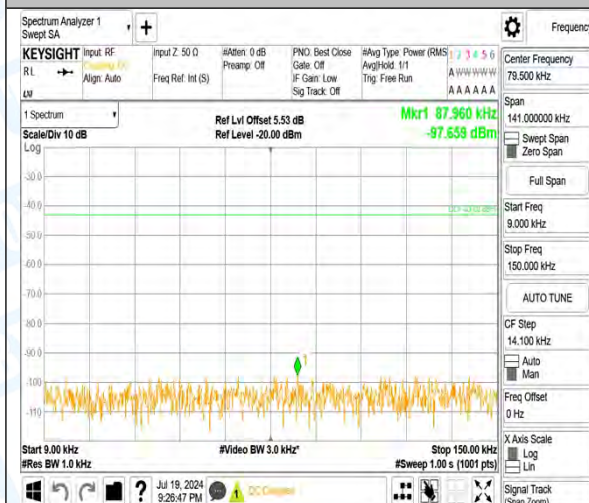






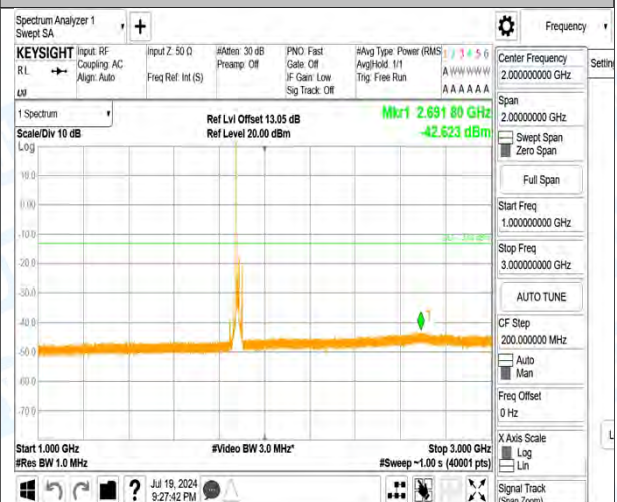
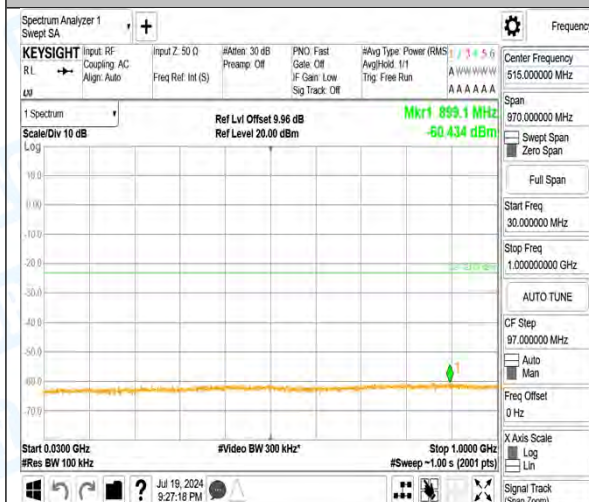
Band2\_15MHz\_16QAM\_18900\_1RB#0\_0.009~0.15\_0.009~0.15

Band2\_15MHz\_16QAM\_18900\_1RB#0\_0.15~30\_0.15~30



Band2\_15MHz\_16QAM\_18900\_1RB#0\_30~1000\_30~1000

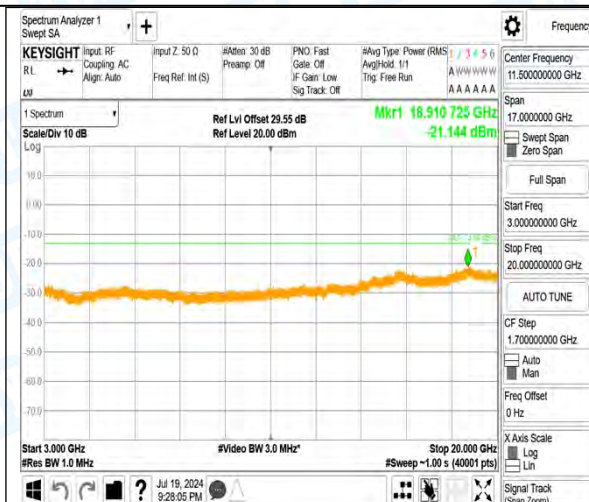
Band2\_15MHz\_16QAM\_18900\_1RB#0\_1000~3000\_1000~3000



Band2\_15MHz\_16QAM\_18900\_1RB#0\_3000~20000\_3000~2000

Band2\_15MHz\_16QAM\_19125\_1RB#0\_0.009~0.15\_0.009~0.15

0



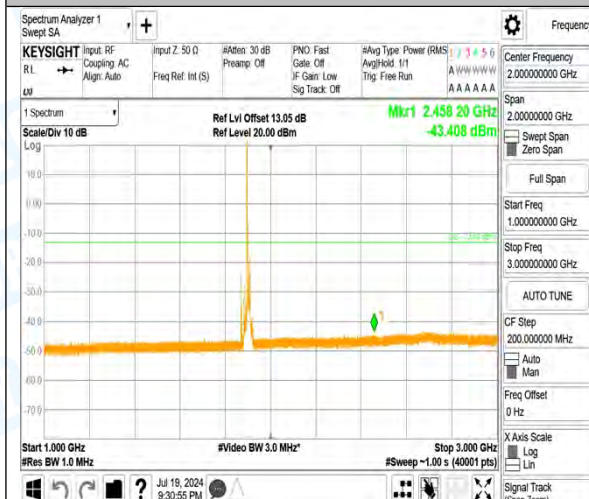
Band2\_15MHz\_16QAM\_19125\_1RB#0\_0.15~30\_0.15~30

Band2\_15MHz\_16QAM\_19125\_1RB#0\_30~1000\_30~1000



Band2\_15MHz\_16QAM\_19125\_1RB#0\_1000~3000\_1000~3000

Band2\_15MHz\_16QAM\_19125\_1RB#0\_3000~20000\_3000~20000



Band2\_20MHz\_QPSK\_18700\_1RB#0\_0.009~0.15\_0.009~0.15

Band2\_20MHz\_QPSK\_18700\_1RB#0\_0.15~30\_0.15~30



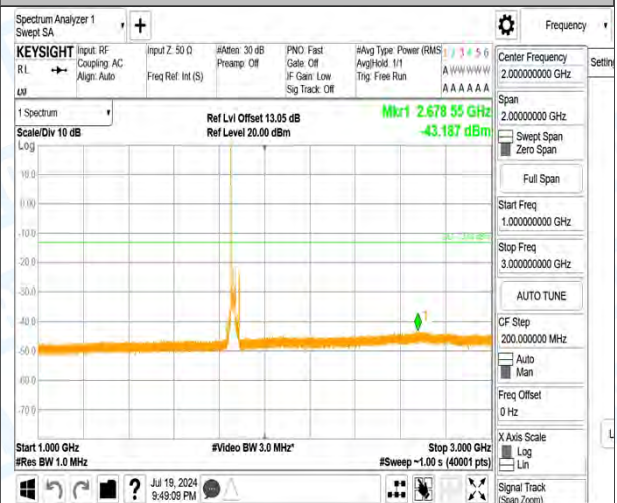
Band2\_20MHz\_QPSK\_18700\_1RB#0\_30-1000\_30-1000



Band2\_20MHz\_QPSK\_18700\_1RB#0\_1000-3000\_1000-3000



Band2\_20MHz\_QPSK\_18700\_1RB#0\_3000-20000\_3000-20000



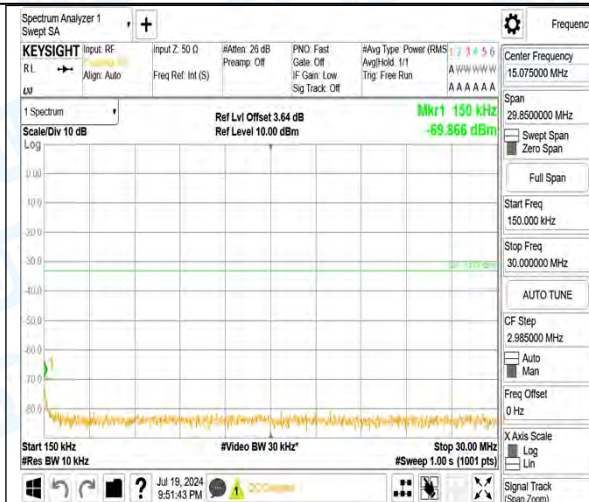
Band2\_20MHz\_QPSK\_18900\_1RB#0\_0.009-0.15\_0.009-0.15



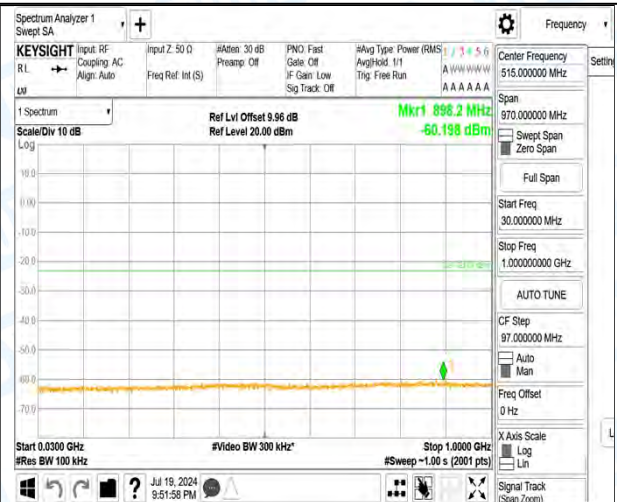
Band2\_20MHz\_QPSK\_18900\_1RB#0\_0.15-30\_0.15-30



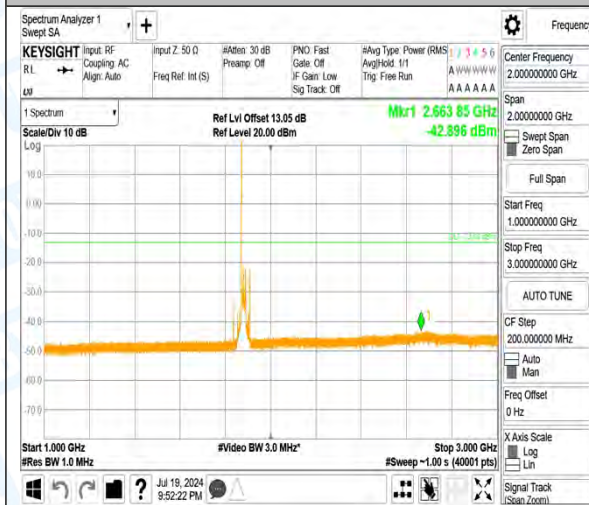
Band2\_20MHz\_QPSK\_18900\_1RB#0\_30-1000\_30-1000



Band2\_20MHz\_QPSK\_18900\_1RB#0\_1000-3000\_1000-3000



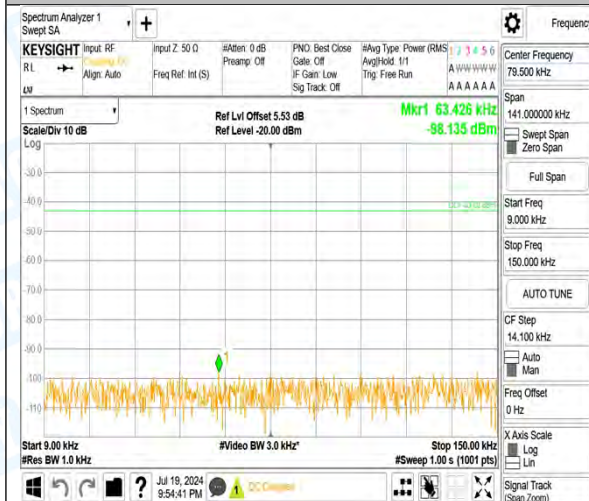
Band2\_20MHz\_QPSK\_18900\_1RB#0\_3000-20000\_3000-20000



Band2\_20MHz\_QPSK\_19100\_1RB#0\_0.009-0.15\_0.009-0.15



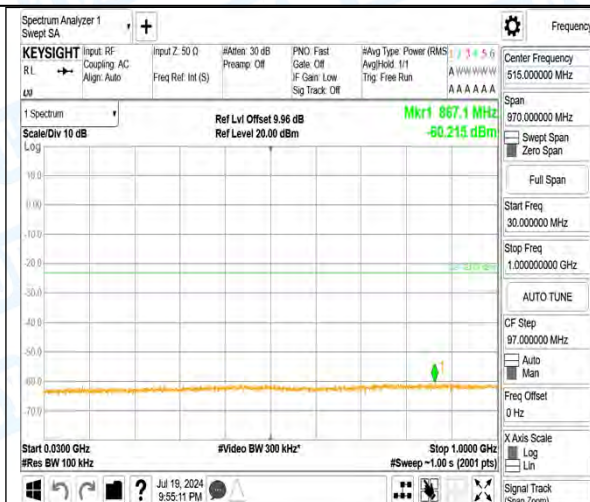
Band2\_20MHz\_QPSK\_19100\_1RB#0\_0.15-30\_0.15-30



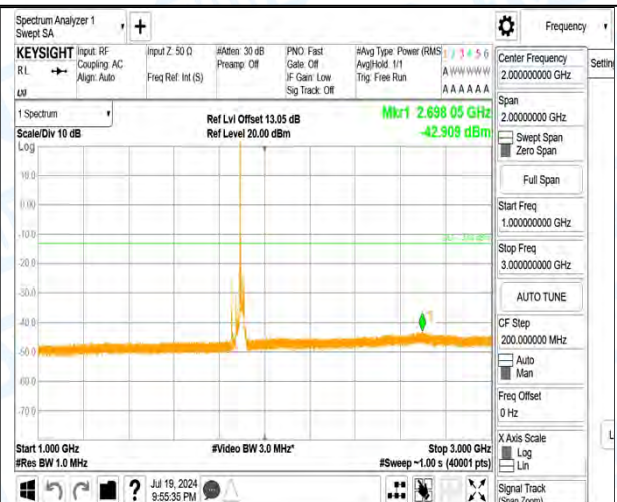
Band2\_20MHz\_QPSK\_19100\_1RB#0\_30-1000\_30-1000



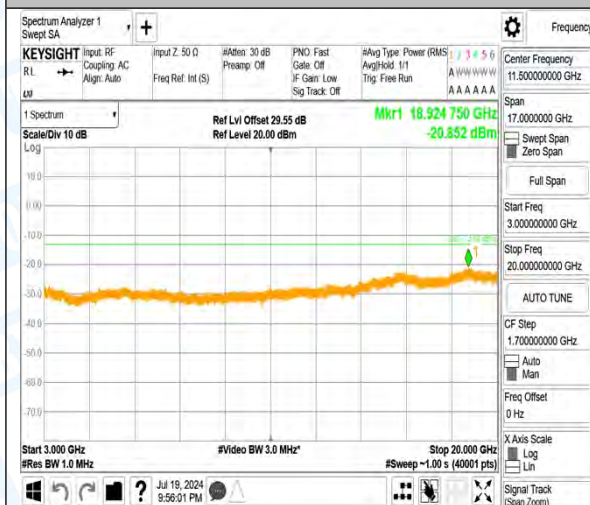
Band2\_20MHz\_QPSK\_19100\_1RB#0\_1000-3000\_1000-3000



Band2\_20MHz\_QPSK\_19100\_1RB#0\_3000~20000\_3000~20000



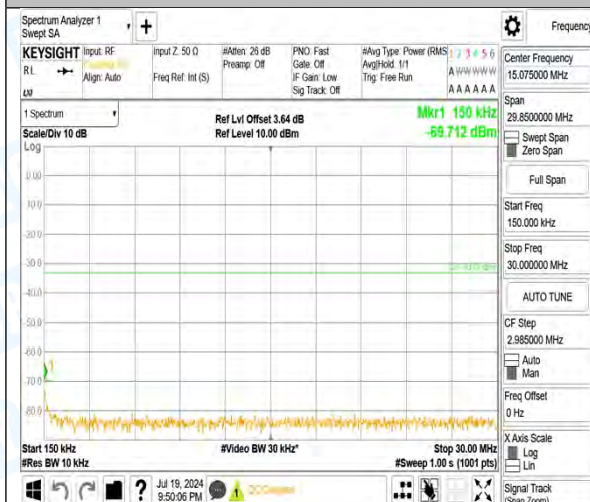
Band2\_20MHz\_16QAM\_18700\_1RB#0\_0.009~0.15\_0.009~0.15



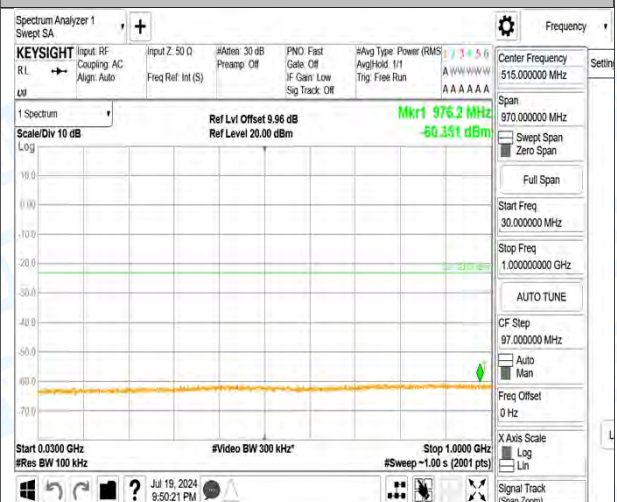
Band2\_20MHz\_16QAM\_18700\_1RB#0\_0.15~30\_0.15~30



Band2\_20MHz\_16QAM\_18700\_1RB#0\_30~1000\_30~1000

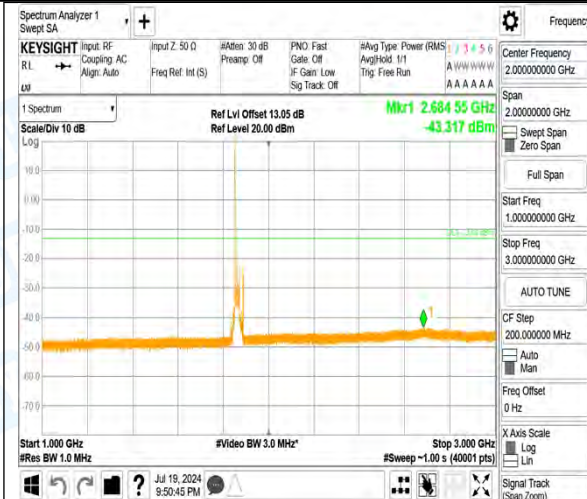


Band2\_20MHz\_16QAM\_18700\_1RB#0\_1000~3000\_1000~3000



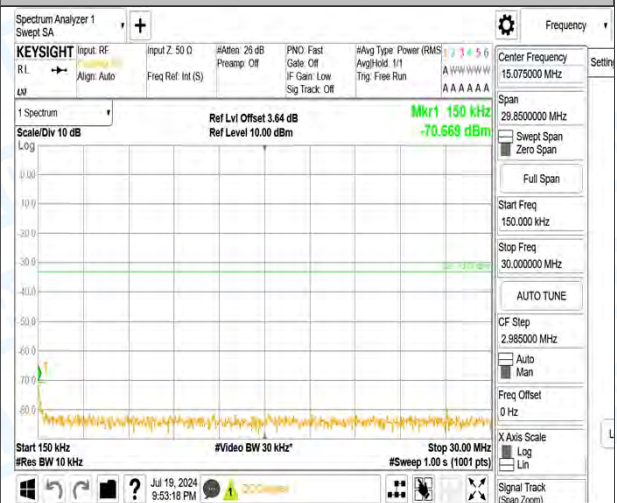
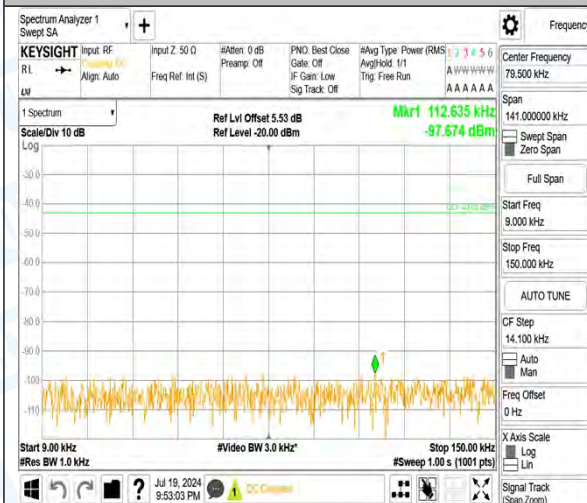
Band2\_20MHz\_16QAM\_18700\_1RB#0\_3000~20000\_3000~20000

0



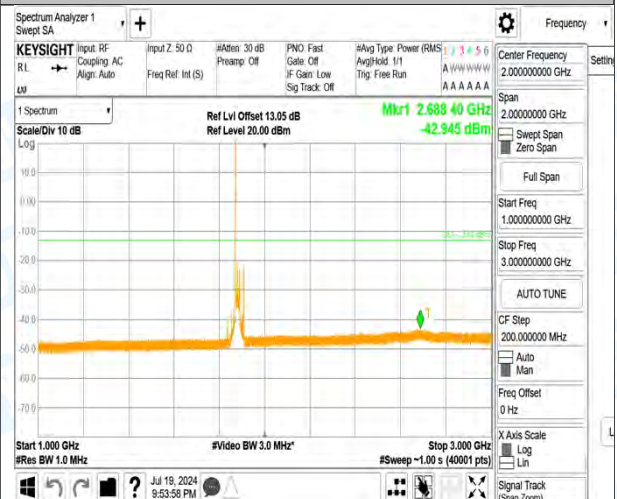
Band2\_20MHz\_16QAM\_18900\_1RB#0\_0.009-0.15\_0.009-0.15

Band2\_20MHz\_16QAM\_18900\_1RB#0\_0.15-30\_0.15-30



Band2\_20MHz\_16QAM\_18900\_1RB#0\_30-1000\_30-1000

Band2\_20MHz\_16QAM\_18900\_1RB#0\_1000-3000\_1000-3000



Band2\_20MHz\_16QAM\_18900\_1RB#0\_3000-20000\_3000-2000

Band2\_20MHz\_16QAM\_19100\_1RB#0\_0.009-0.15\_0.009-0.15

0



## 6: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VN            | NT               | -65.46         | -0.034819       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VL            | NT               | -11.51         | -0.006122       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | QPSK       | 18900   | 6RB#0        | VH            | NT               | -15.65         | -0.008324       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VN            | NT               | -16.15         | -0.008590       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VL            | NT               | -11.02         | -0.005862       | ±2.5        | PASS    |
| Band2   | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | VH            | NT               | 4.62           | 0.002457        | ±2.5        | PASS    |
| Band2   | 3MHz      | QPSK       | 18900   | 15RB#0       | VN            | NT               | -60.08         | -0.031957       | ±2.5        | PASS    |
| Band2   | 3MHz      | QPSK       | 18900   | 15RB#0       | VL            | NT               | -45.52         | -0.024213       | ±2.5        | PASS    |
| Band2   | 3MHz      | QPSK       | 18900   | 15RB#0       | VH            | NT               | -29.76         | -0.015830       | ±2.5        | PASS    |
| Band2   | 3MHz      | 16QAM      | 18900   | 15RB#0       | VN            | NT               | -37.31         | -0.019846       | ±2.5        | PASS    |
| Band2   | 3MHz      | 16QAM      | 18900   | 15RB#0       | VL            | NT               | 12.16          | 0.006468        | ±2.5        | PASS    |
| Band2   | 3MHz      | 16QAM      | 18900   | 15RB#0       | VH            | NT               | 11.02          | 0.005862        | ±2.5        | PASS    |
| Band2   | 5MHz      | QPSK       | 18900   | 25RB#0       | VN            | NT               | -39.42         | -0.020968       | ±2.5        | PASS    |
| Band2   | 5MHz      | QPSK       | 18900   | 25RB#0       | VL            | NT               | -38.27         | -0.020356       | ±2.5        | PASS    |
| Band2   | 5MHz      | QPSK       | 18900   | 25RB#0       | VH            | NT               | -2.64          | -0.001404       | ±2.5        | PASS    |
| Band2   | 5MHz      | 16QAM      | 18900   | 25RB#0       | VN            | NT               | -12.21         | -0.006495       | ±2.5        | PASS    |
| Band2   | 5MHz      | 16QAM      | 18900   | 25RB#0       | VL            | NT               | 14.91          | 0.007931        | ±2.5        | PASS    |
| Band2   | 5MHz      | 16QAM      | 18900   | 25RB#0       | VH            | NT               | 11.16          | 0.005936        | ±2.5        | PASS    |
| Band2   | 10MHz     | QPSK       | 18900   | 50RB#0       | VN            | NT               | -36.74         | -0.019543       | ±2.5        | PASS    |
| Band2   | 10MHz     | QPSK       | 18900   | 50RB#0       | VL            | NT               | -17.38         | -0.009245       | ±2.5        | PASS    |
| Band2   | 10MHz     | QPSK       | 18900   | 50RB#0       | VH            | NT               | -47.68         | -0.025362       | ±2.5        | PASS    |
| Band2   | 10MHz     | 16QAM      | 18900   | 50RB#0       | VN            | NT               | -16.54         | -0.008798       | ±2.5        | PASS    |
| Band2   | 10MHz     | 16QAM      | 18900   | 50RB#0       | VL            | NT               | -8.45          | -0.004495       | ±2.5        | PASS    |
| Band2   | 10MHz     | 16QAM      | 18900   | 50RB#0       | VH            | NT               | -7.66          | -0.004074       | ±2.5        | PASS    |
| Band2   | 15MHz     | QPSK       | 18900   | 75RB#0       | VN            | NT               | -29.58         | -0.015734       | ±2.5        | PASS    |
| Band2   | 15MHz     | QPSK       | 18900   | 75RB#0       | VL            | NT               | -21.54         | -0.011457       | ±2.5        | PASS    |
| Band2   | 15MHz     | QPSK       | 18900   | 75RB#0       | VH            | NT               | -20.43         | -0.010867       | ±2.5        | PASS    |
| Band2   | 15MHz     | 16QAM      | 18900   | 75RB#0       | VN            | NT               | -15.42         | -0.008202       | ±2.5        | PASS    |
| Band2   | 15MHz     | 16QAM      | 18900   | 75RB#0       | VL            | NT               | -10.05         | -0.005346       | ±2.5        | PASS    |
| Band2   | 15MHz     | 16QAM      | 18900   | 75RB#0       | VH            | NT               | -13.89         | -0.007388       | ±2.5        | PASS    |
| Band2   | 20MHz     | QPSK       | 18900   | 100RB#0      | VN            | NT               | -36.12         | -0.019213       | ±2.5        | PASS    |
| Band2   | 20MHz     | QPSK       | 18900   | 100RB#0      | VL            | NT               | -21.67         | -0.011527       | ±2.5        | PASS    |
| Band2   | 20MHz     | QPSK       | 18900   | 100RB#0      | VH            | NT               | -20.06         | -0.010670       | ±2.5        | PASS    |
| Band2   | 20MHz     | 16QAM      | 18900   | 100RB#0      | VN            | NT               | -18.59         | -0.009888       | ±2.5        | PASS    |
| Band2   | 20MHz     | 16QAM      | 18900   | 100RB#0      | VL            | NT               | -12.76         | -0.006787       | ±2.5        | PASS    |
| Band2   | 20MHz     | 16QAM      | 18900   | 100RB#0      | VH            | NT               | -11.83         | -0.006293       | ±2.5        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 0                | -16.24         | -0.008638       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 10               | -17.00         | -0.009043       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 20               | -21.39         | -0.011378       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 30               | 2.76           | 0.001468        | ±2.5        | PASS    |
| Band2       | 1.4MHz    | QPSK       | 18900   | 6RB#0        | NV            | 45               | -15.06         | -0.008011       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | NV            | 0                | -3.50          | -0.001862       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | NV            | 10               | -14.96         | -0.007957       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | NV            | 20               | -3.95          | -0.002101       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | NV            | 30               | -17.96         | -0.009553       | ±2.5        | PASS    |
| Band2       | 1.4MHz    | 16QAM      | 18900   | 6RB#0        | NV            | 45               | -13.50         | -0.007181       | ±2.5        | PASS    |
| Band2       | 3MHz      | QPSK       | 18900   | 15RB#0       | NV            | 0                | -21.78         | -0.011585       | ±2.5        | PASS    |
| Band2       | 3MHz      | QPSK       | 18900   | 15RB#0       | NV            | 10               | -16.26         | -0.008649       | ±2.5        | PASS    |
| Band2       | 3MHz      | QPSK       | 18900   | 15RB#0       | NV            | 20               | -16.66         | -0.008862       | ±2.5        | PASS    |
| Band2       | 3MHz      | QPSK       | 18900   | 15RB#0       | NV            | 30               | -4.64          | -0.002468       | ±2.5        | PASS    |
| Band2       | 3MHz      | QPSK       | 18900   | 15RB#0       | NV            | 45               | -8.09          | -0.004303       | ±2.5        | PASS    |
| Band2       | 3MHz      | 16QAM      | 18900   | 15RB#0       | NV            | 0                | -9.11          | -0.004846       | ±2.5        | PASS    |
| Band2       | 3MHz      | 16QAM      | 18900   | 15RB#0       | NV            | 10               | -10.61         | -0.005644       | ±2.5        | PASS    |
| Band2       | 3MHz      | 16QAM      | 18900   | 15RB#0       | NV            | 20               | 6.14           | 0.003266        | ±2.5        | PASS    |
| Band2       | 3MHz      | 16QAM      | 18900   | 15RB#0       | NV            | 30               | -13.24         | -0.007043       | ±2.5        | PASS    |
| Band2       | 3MHz      | 16QAM      | 18900   | 15RB#0       | NV            | 45               | -11.77         | -0.006261       | ±2.5        | PASS    |
| Band2       | 5MHz      | QPSK       | 18900   | 25RB#0       | NV            | 0                | -5.44          | -0.002894       | ±2.5        | PASS    |
| Band2       | 5MHz      | QPSK       | 18900   | 25RB#0       | NV            | 10               | -15.59         | -0.008293       | ±2.5        | PASS    |
| Band2       | 5MHz      | QPSK       | 18900   | 25RB#0       | NV            | 20               | -1.79          | -0.000952       | ±2.5        | PASS    |
| Band2       | 5MHz      | QPSK       | 18900   | 25RB#0       | NV            | 30               | -15.34         | -0.008160       | ±2.5        | PASS    |
| Band2       | 5MHz      | QPSK       | 18900   | 25RB#0       | NV            | 45               | -11.07         | -0.005888       | ±2.5        | PASS    |
| Band2       | 5MHz      | 16QAM      | 18900   | 25RB#0       | NV            | 0                | -11.08         | -0.005894       | ±2.5        | PASS    |
| Band2       | 5MHz      | 16QAM      | 18900   | 25RB#0       | NV            | 10               | -10.90         | -0.005798       | ±2.5        | PASS    |
| Band2       | 5MHz      | 16QAM      | 18900   | 25RB#0       | NV            | 20               | 3.14           | 0.001670        | ±2.5        | PASS    |
| Band2       | 5MHz      | 16QAM      | 18900   | 25RB#0       | NV            | 30               | -14.56         | -0.007745       | ±2.5        | PASS    |
| Band2       | 5MHz      | 16QAM      | 18900   | 25RB#0       | NV            | 45               | 6.00           | 0.003191        | ±2.5        | PASS    |
| Band2       | 10MHz     | QPSK       | 18900   | 50RB#0       | NV            | 0                | -12.60         | -0.006702       | ±2.5        | PASS    |
| Band2       | 10MHz     | QPSK       | 18900   | 50RB#0       | NV            | 10               | -15.14         | -0.008053       | ±2.5        | PASS    |
| Band2       | 10MHz     | QPSK       | 18900   | 50RB#0       | NV            | 20               | -4.17          | -0.002218       | ±2.5        | PASS    |
| Band2       | 10MHz     | QPSK       | 18900   | 50RB#0       | NV            | 30               | -9.83          | -0.005229       | ±2.5        | PASS    |
| Band2       | 10MHz     | QPSK       | 18900   | 50RB#0       | NV            | 45               | -8.12          | -0.004319       | ±2.5        | PASS    |
| Band2       | 10MHz     | 16QAM      | 18900   | 50RB#0       | NV            | 0                | -17.57         | -0.009346       | ±2.5        | PASS    |
| Band2       | 10MHz     | 16QAM      | 18900   | 50RB#0       | NV            | 10               | 6.65           | 0.003537        | ±2.5        | PASS    |
| Band2       | 10MHz     | 16QAM      | 18900   | 50RB#0       | NV            | 20               | -4.23          | -0.002250       | ±2.5        | PASS    |
| Band2       | 10MHz     | 16QAM      | 18900   | 50RB#0       | NV            | 30               | 4.29           | 0.002282        | ±2.5        | PASS    |
| Band2       | 10MHz     | 16QAM      | 18900   | 50RB#0       | NV            | 45               | -14.89         | -0.007920       | ±2.5        | PASS    |

|       |       |       |       |         |    |    |        |           |      |      |
|-------|-------|-------|-------|---------|----|----|--------|-----------|------|------|
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | NV | 0  | -15.19 | -0.008080 | ±2.5 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | NV | 10 | -14.64 | -0.007787 | ±2.5 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | NV | 20 | -5.39  | -0.002867 | ±2.5 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | NV | 30 | -28.50 | -0.015160 | ±2.5 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | NV | 45 | -11.24 | -0.005979 | ±2.5 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | NV | 0  | -9.02  | -0.004798 | ±2.5 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | NV | 10 | -14.71 | -0.007824 | ±2.5 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | NV | 20 | -8.55  | -0.004548 | ±2.5 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | NV | 30 | -14.77 | -0.007856 | ±2.5 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | NV | 45 | -18.17 | -0.009665 | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | NV | 0  | -13.36 | -0.007106 | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | NV | 10 | -6.03  | -0.003207 | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | NV | 20 | -10.50 | -0.005585 | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | NV | 30 | -4.40  | -0.002340 | ±2.5 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | NV | 45 | -13.49 | -0.007176 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 0  | 2.37   | 0.001261  | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 10 | -13.64 | -0.007255 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 20 | -12.90 | -0.006862 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 30 | -5.14  | -0.002734 | ±2.5 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | NV | 45 | -14.55 | -0.007739 | ±2.5 | PASS |

-----END OF THE REPORT-----