

## 5. Conducted Spurious Emission

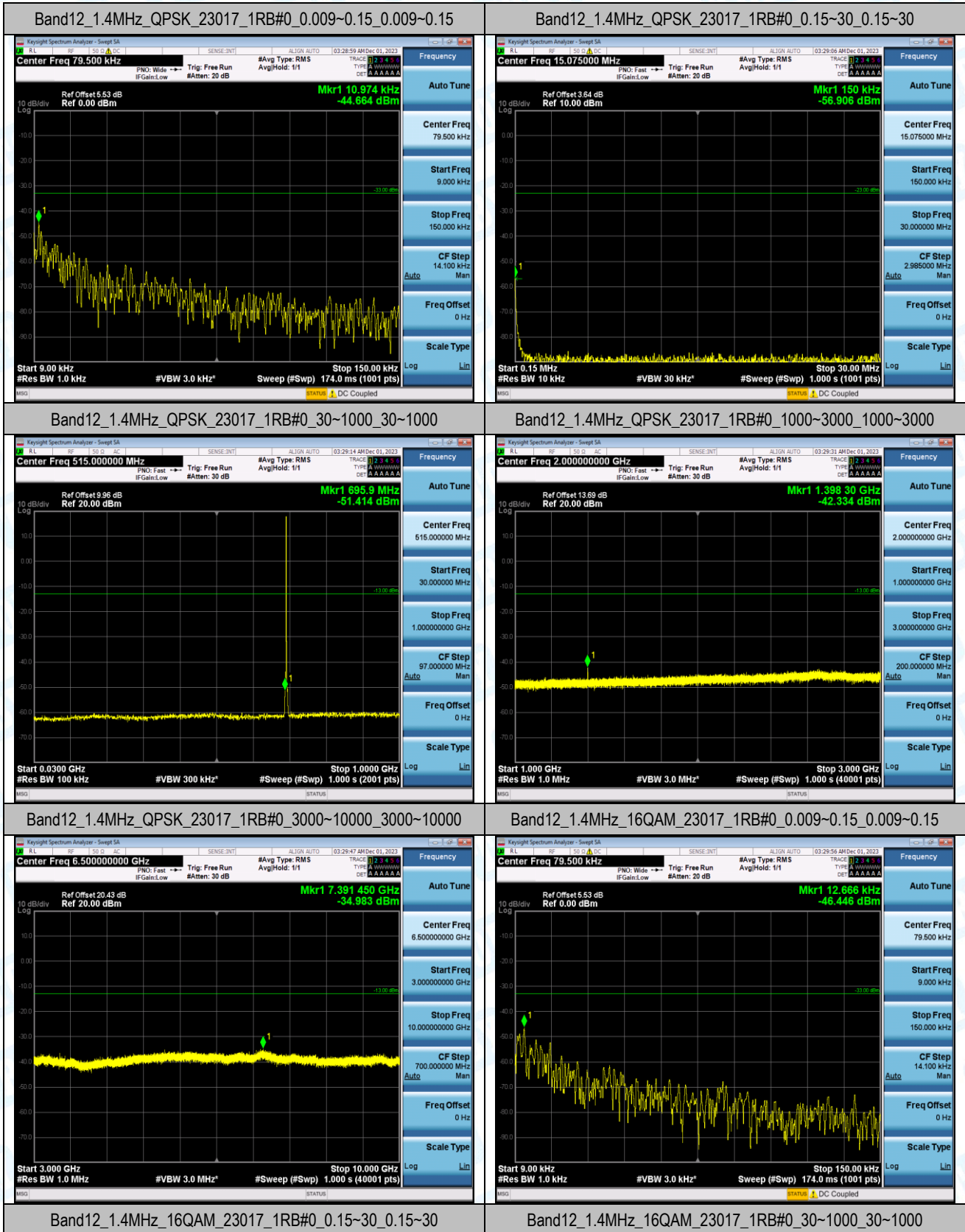
### Test Result

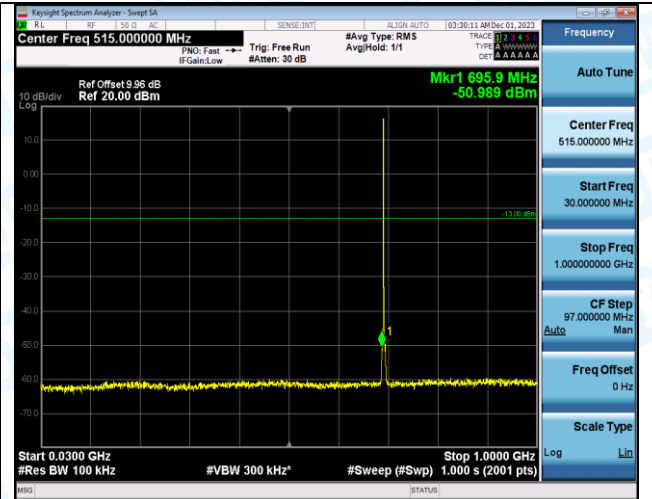
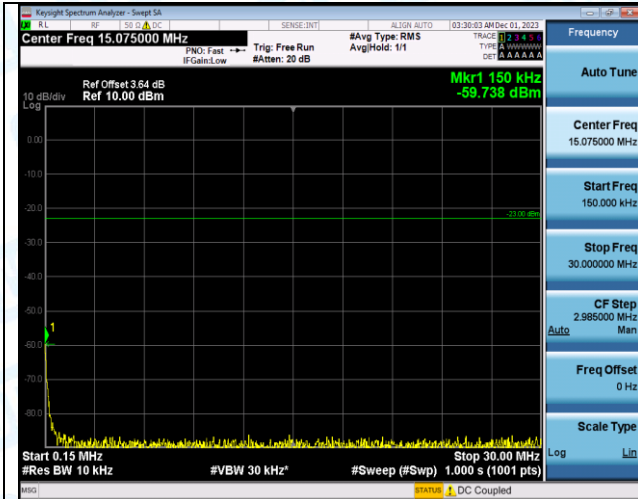
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Frequency | Value(dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|-----------|------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 0.009~0.15      | 0.01      | -44.66     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 0.15~30         | 0.15      | -56.91     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 30~1000         | 695.91    | -51.41     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 1000~3000       | 1398.30   | -42.33     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 3000~10000      | 7391.45   | -34.98     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 0.009~0.15      | 0.01      | -46.45     | -33.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 0.15~30         | 0.15      | -59.74     | -23.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 30~1000         | 695.91    | -50.99     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 1000~3000       | 2796.85   | -42.37     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 3000~10000      | 6046.58   | -35.10     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 0.009~0.15      | 0.01      | -48.71     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 0.15~30         | 0.15      | -56.06     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 30~1000         | 711.43    | -49.27     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 1000~3000       | 2827.85   | -42.74     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 3000~10000      | 7371.68   | -34.86     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 0.009~0.15      | 0.01      | -45.95     | -33.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 0.15~30         | 0.15      | -58.15     | -23.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 30~1000         | 703.67    | -49.38     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 1000~3000       | 1413.95   | -43.01     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 3000~10000      | 7357.33   | -34.44     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 0.009~0.15      | 0.01      | -47.12     | -33.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 0.15~30         | 0.15      | -56.08     | -23.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 30~1000         | 711.43    | -51.15     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 1000~3000       | 2859.40   | -41.95     | -13.0       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 3000~10000      | 7325.83   | -35.28     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 0.009~0.15      | 0.01      | -46.74     | -33.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 0.15~30         | 0.15      | -57.19     | -23.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 30~1000         | 711.43    | -51.25     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 1000~3000       | 2859.70   | -42.25     | -13.0       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 3000~10000      | 7375.88   | -34.70     | -13.0       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 0.009~0.15      | 0.01      | -48.41     | -33.0       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 0.15~30         | 0.15      | -57.25     | -23.0       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 30~1000         | 708.03    | -57.58     | -13.0       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 1000~3000       | 1398.45   | -40.97     | -13.0       | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 3000~10000      | 7359.95   | -35.16     | -13.0       | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 0.009~0.15      | 0.01      | -48.01     | -33.0       | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 0.15~30         | 0.15      | -57.97     | -23.0       | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 30~1000         | 708.03    | -57.27     | -13.0       | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 1000~3000       | 1398.20   | -41.50     | -13.0       | PASS    |

|        |      |       |       |       |            |         |        |       |      |
|--------|------|-------|-------|-------|------------|---------|--------|-------|------|
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0 | 3000~10000 | 7349.28 | -35.18 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#0 | 0.009~0.15 | 0.01    | -44.62 | -33.0 | PASS |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#0 | 0.15~30    | 0.15    | -56.30 | -23.0 | PASS |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#0 | 30~1000    | 699.79  | -55.62 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#0 | 1000~3000  | 1412.55 | -42.88 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23095 | 1RB#0 | 3000~10000 | 7362.93 | -35.08 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 0.009~0.15 | 0.01    | -49.22 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 0.15~30    | 0.15    | -57.51 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 30~1000    | 699.79  | -56.18 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 1000~3000  | 2825.30 | -42.81 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 3000~10000 | 7352.25 | -35.07 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0 | 0.009~0.15 | 0.01    | -49.06 | -33.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0 | 0.15~30    | 0.18    | -59.59 | -23.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0 | 30~1000    | 966.54  | -59.07 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0 | 1000~3000  | 1426.50 | -39.87 | -13.0 | PASS |
| Band12 | 3MHz | QPSK  | 23165 | 1RB#0 | 3000~10000 | 7337.55 | -35.06 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 0.009~0.15 | 0.01    | -48.26 | -33.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 0.15~30    | 0.15    | -57.69 | -23.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 30~1000    | 706.58  | -59.25 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 1000~3000  | 1426.40 | -41.42 | -13.0 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 3000~10000 | 7390.23 | -34.97 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0 | 0.009~0.15 | 0.01    | -45.30 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0 | 0.15~30    | 0.15    | -58.81 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0 | 30~1000    | 913.67  | -59.48 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0 | 1000~3000  | 1398.60 | -41.07 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0 | 3000~10000 | 7354.00 | -34.96 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 0.009~0.15 | 0.01    | -48.80 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 0.15~30    | 0.15    | -57.56 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 30~1000    | 953.93  | -59.40 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 1000~3000  | 1398.70 | -42.02 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 3000~10000 | 7372.90 | -35.10 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0 | 0.009~0.15 | 0.01    | -48.69 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0 | 0.15~30    | 0.15    | -57.84 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0 | 30~1000    | 910.76  | -59.38 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0 | 1000~3000  | 1410.65 | -42.11 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0 | 3000~10000 | 7375.00 | -35.17 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 0.009~0.15 | 0.01    | -49.05 | -33.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 0.15~30    | 0.15    | -55.27 | -23.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 30~1000    | 905.91  | -59.42 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 1000~3000  | 2821.45 | -43.00 | -13.0 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 3000~10000 | 3526.93 | -34.90 | -13.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0 | 0.009~0.15 | 0.01    | -50.96 | -33.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0 | 0.15~30    | 0.15    | -57.39 | -23.0 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0 | 30~1000    | 816.67  | -59.52 | -13.0 | PASS |

|        |       |       |       |       |            |         |        |       |      |
|--------|-------|-------|-------|-------|------------|---------|--------|-------|------|
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#0 | 1000~3000  | 2666.85 | -43.00 | -13.0 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#0 | 3000~10000 | 7370.63 | -35.19 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0 | 0.009~0.15 | 0.01    | -45.17 | -33.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0 | 0.15~30    | 0.15    | -57.77 | -23.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0 | 30~1000    | 968.48  | -59.73 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0 | 1000~3000  | 2783.40 | -42.84 | -13.0 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0 | 3000~10000 | 7356.45 | -35.28 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0 | 0.009~0.15 | 0.01    | -47.59 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0 | 0.15~30    | 0.15    | -57.46 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0 | 30~1000    | 869.05  | -59.49 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0 | 1000~3000  | 1399.40 | -41.08 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0 | 3000~10000 | 7361.35 | -34.39 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 0.009~0.15 | 0.01    | -45.88 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 0.15~30    | 0.15    | -59.62 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 30~1000    | 919.01  | -59.47 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 1000~3000  | 1399.10 | -41.27 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 3000~10000 | 7402.13 | -35.32 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0 | 0.009~0.15 | 0.01    | -46.42 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0 | 0.15~30    | 0.15    | -55.53 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0 | 30~1000    | 955.38  | -59.64 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0 | 1000~3000  | 1406.30 | -42.27 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0 | 3000~10000 | 5874.38 | -35.34 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 0.009~0.15 | 0.01    | -49.18 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 0.15~30    | 0.15    | -58.28 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 30~1000    | 489.30  | -59.39 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 1000~3000  | 2655.55 | -42.64 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 3000~10000 | 7361.18 | -35.01 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0 | 0.009~0.15 | 0.01    | -49.22 | -33.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0 | 0.15~30    | 0.15    | -55.91 | -23.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0 | 30~1000    | 903.97  | -59.51 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0 | 1000~3000  | 2627.80 | -42.93 | -13.0 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0 | 3000~10000 | 5901.15 | -34.89 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 0.009~0.15 | 0.01    | -44.50 | -33.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 0.15~30    | 0.15    | -57.44 | -23.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 30~1000    | 916.10  | -59.40 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 1000~3000  | 2826.35 | -42.62 | -13.0 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 3000~10000 | 7394.95 | -35.23 | -13.0 | PASS |

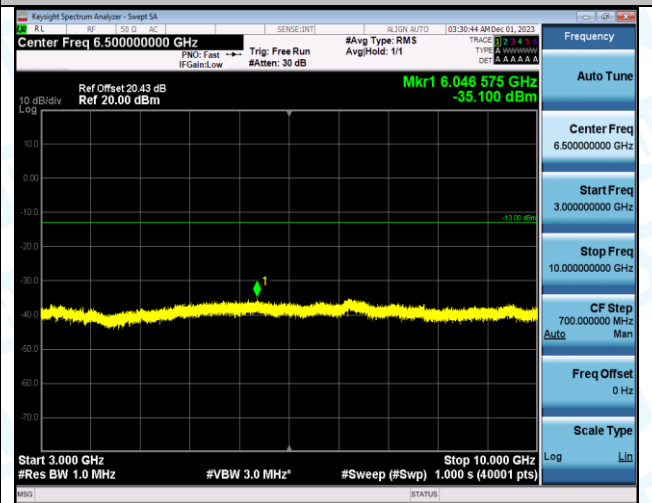
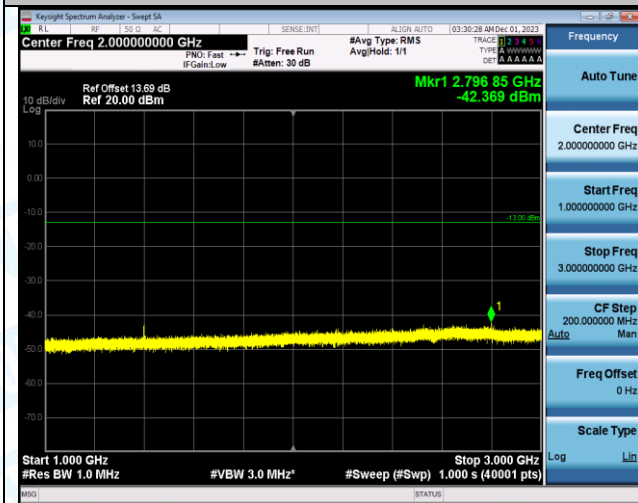
Test Graphs





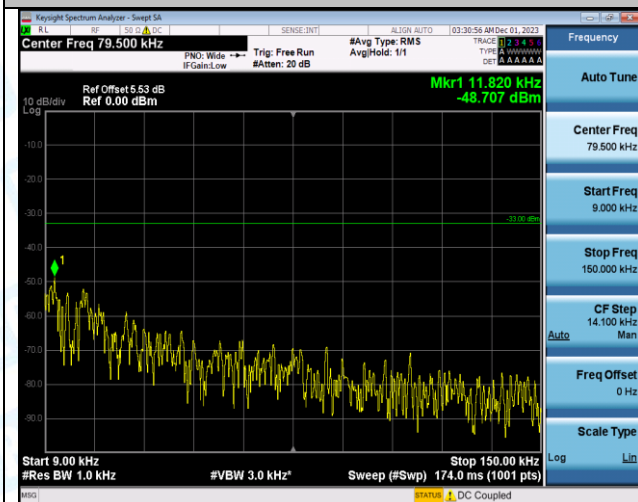
Band12\_1.4MHz\_16QAM\_23017\_1RB#0\_1000~3000\_1000~3000

Band12\_1.4MHz\_16QAM\_23017\_1RB#0\_3000~10000\_3000~10000



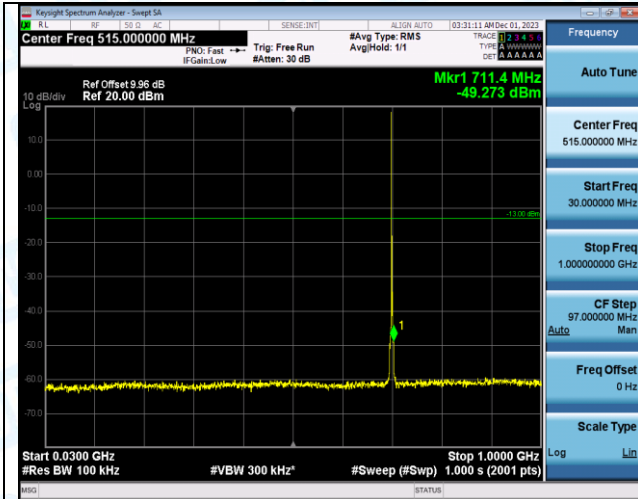
Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_0.009~0.15\_0.009~0.15

Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_0.15~30\_0.15~30

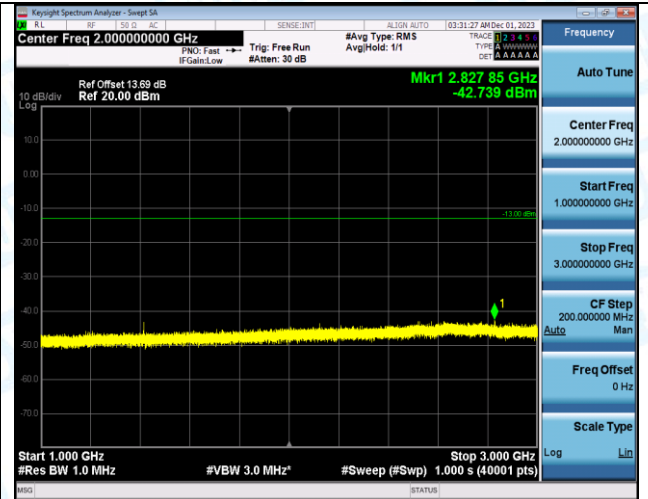


Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_30~1000\_30~1000

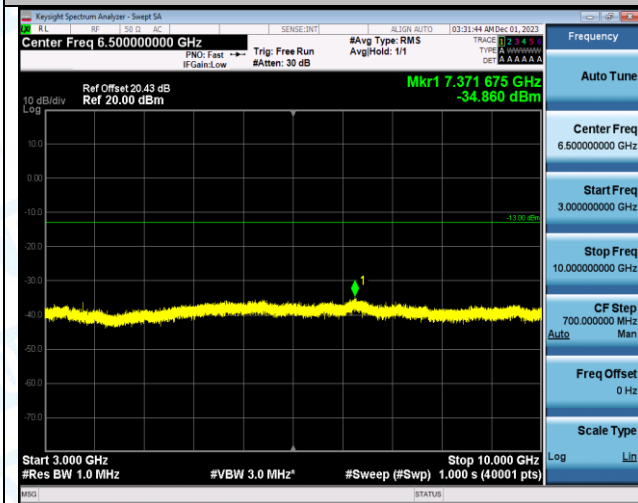
Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_1000~3000\_1000~3000



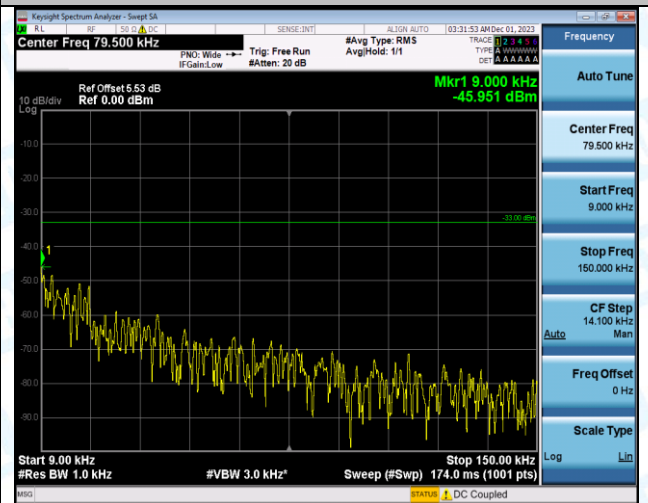
Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_3000~10000\_3000~10000



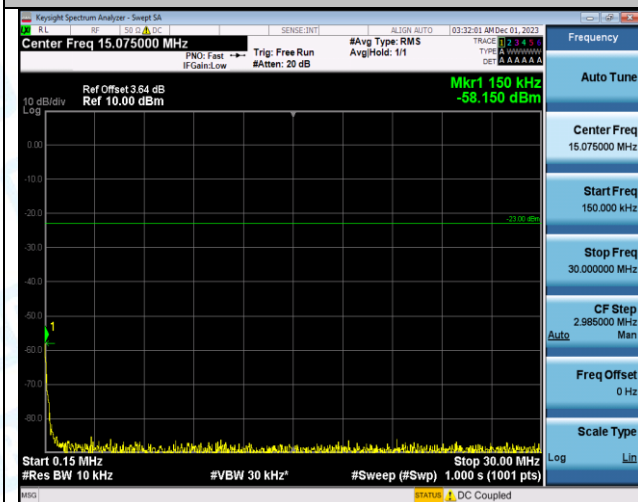
Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_0.009~0.15\_0.009~0.15



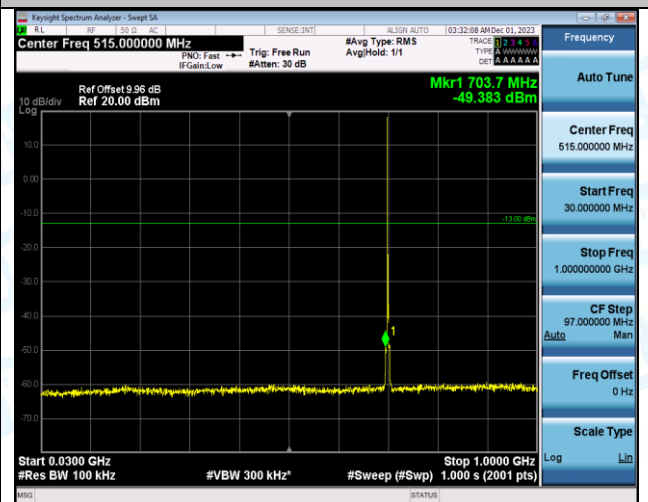
Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_0.15~30\_0.15~30



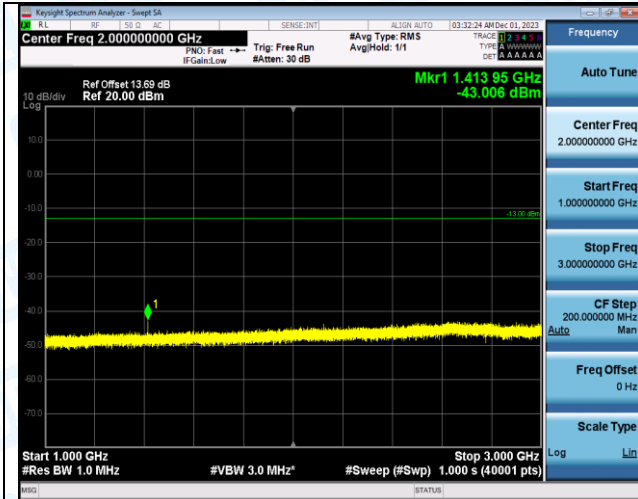
Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_30~1000\_30~1000



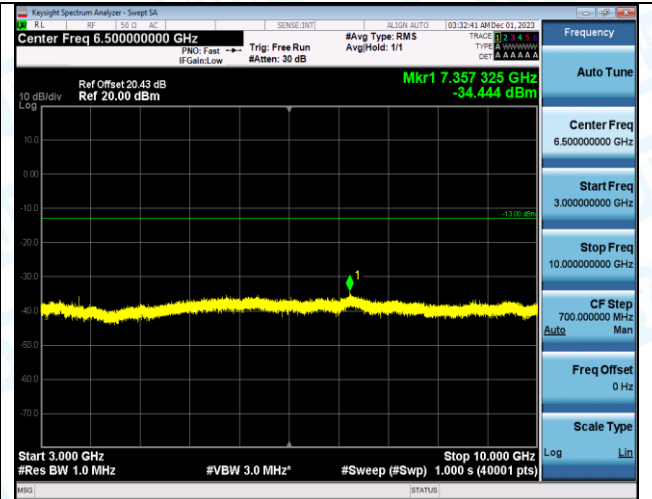
Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_1000~3000\_1000~3000



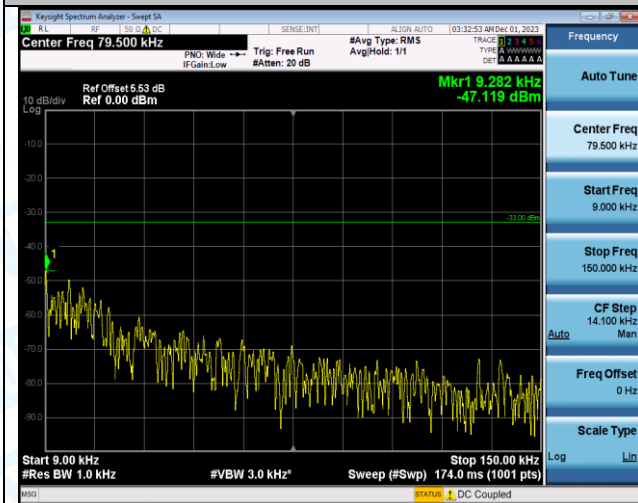
Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_3000~10000\_3000~10000



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



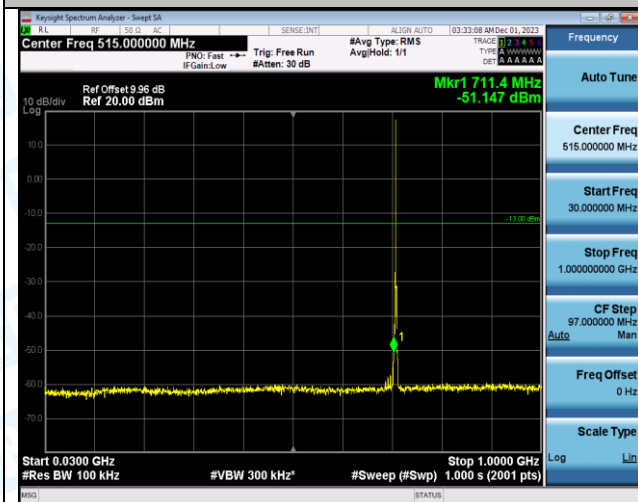
Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_0.15~30\_0.15~30



Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_30~1000\_30~1000



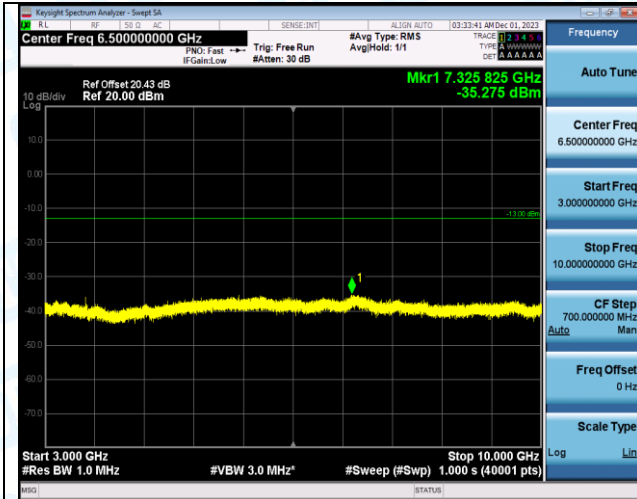
Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_1000~3000\_1000~3000



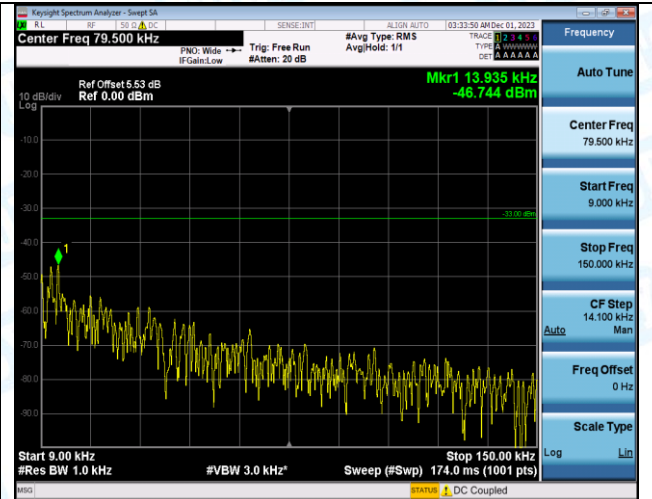
Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_3000~10000\_3000~10000



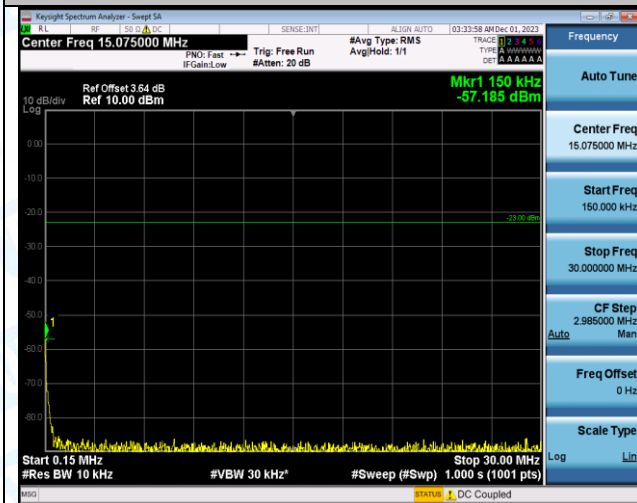
Band12\_1.4MHz\_16QAM\_23173\_1RB#0\_0.009~0.15\_0.009~0.15



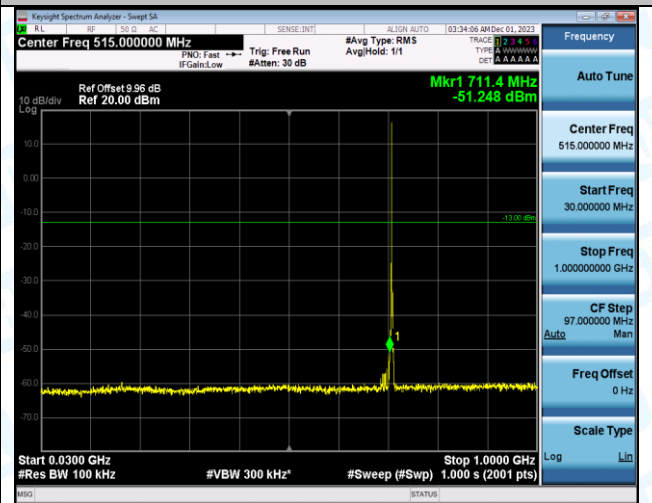
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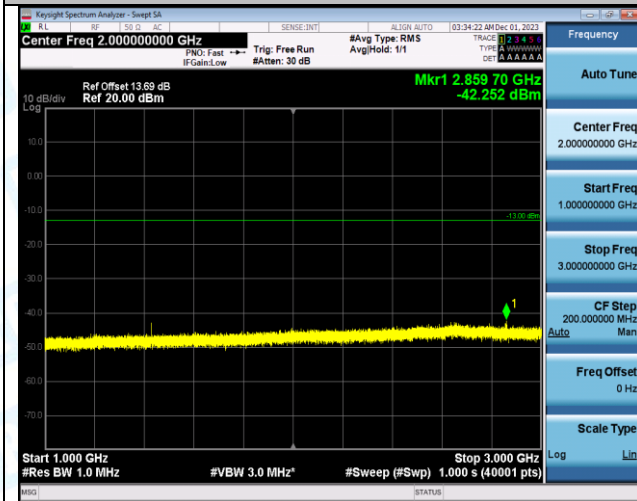
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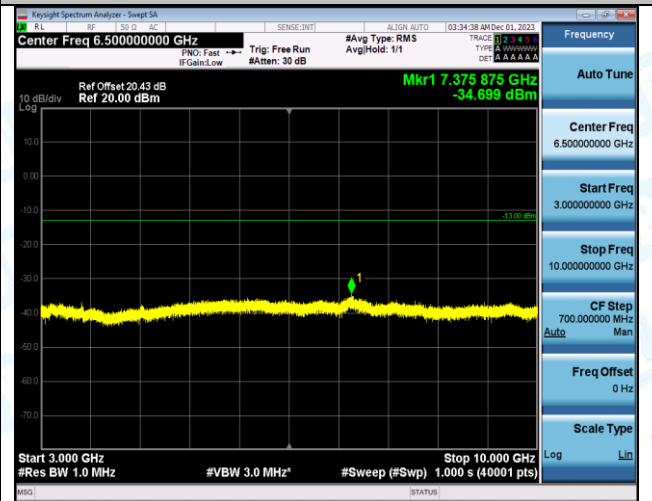
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Band12\_1.4MHz\_16QAM\_23173\_1RB#0\_3000~10000\_3000~10000

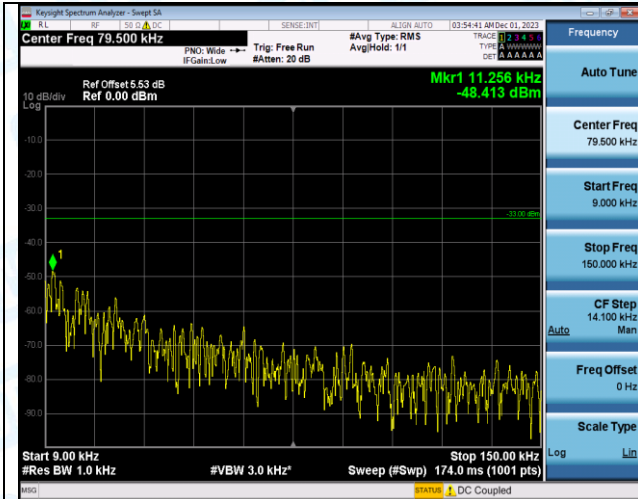


Band12\_3MHz\_QPSK\_23025\_1RB#0\_0.009~0.15\_0.009~0.15

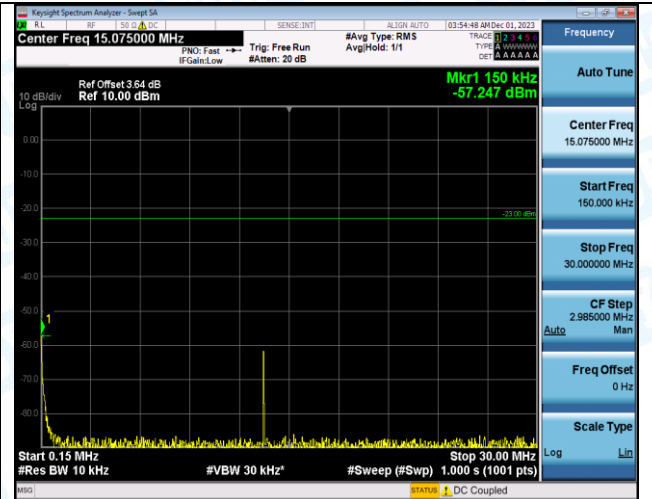


Band12\_3MHz\_QPSK\_23025\_1RB#0\_0.15~30\_0.15~30

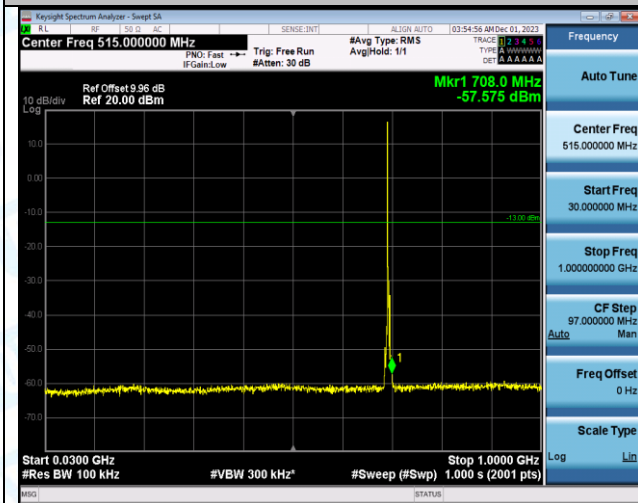




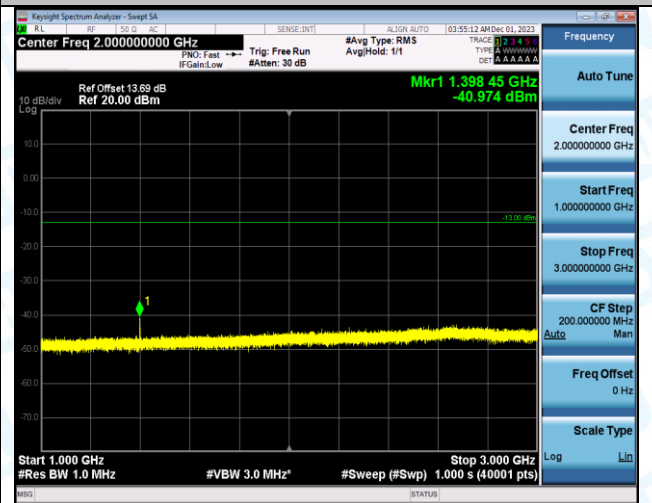
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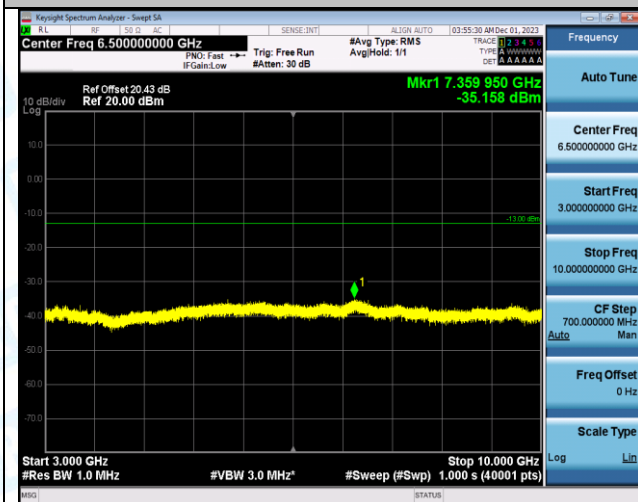
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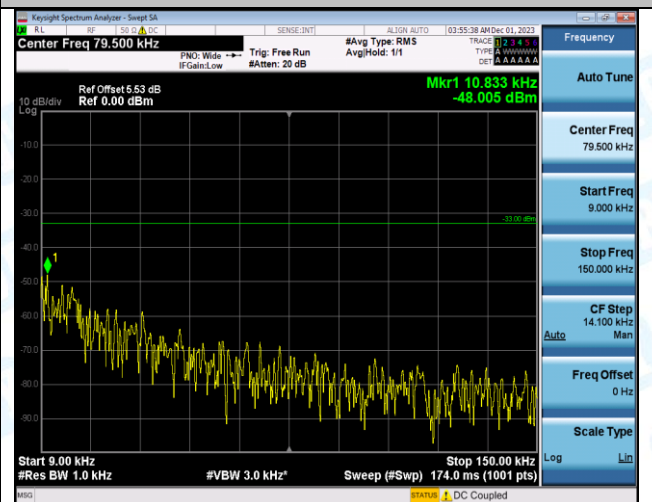
Band12\_3MHz\_QPSK\_23025\_1RB#0\_3000~10000\_3000~10000



Band12\_3MHz\_16QAM\_23025\_1RB#0\_0.009~0.15\_0.009~0.15



Band12\_3MHz\_16QAM\_23025\_1RB#0\_0.15~30\_0.15~30



Band12\_3MHz\_16QAM\_23025\_1RB#0\_30~1000\_30~1000