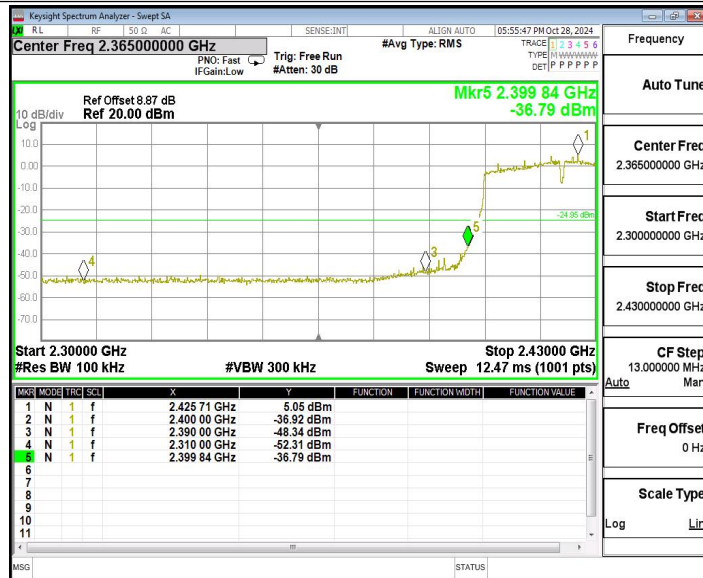
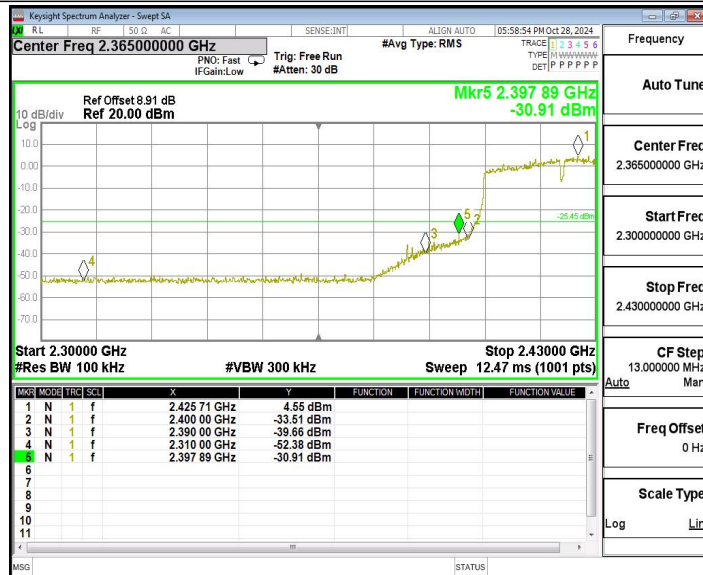
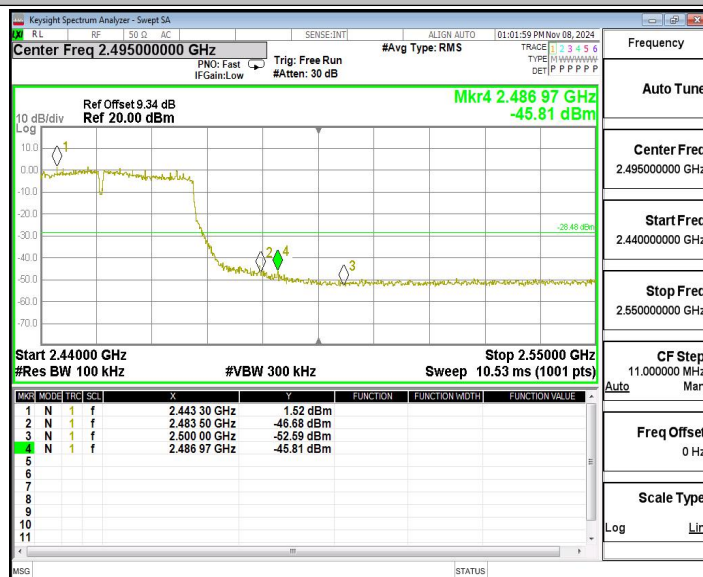




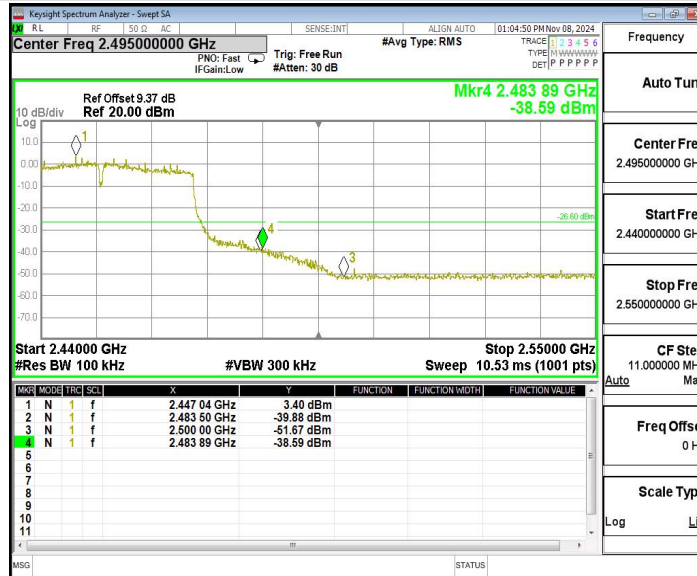
11N40MIMO\_Ant9\_Low\_2422



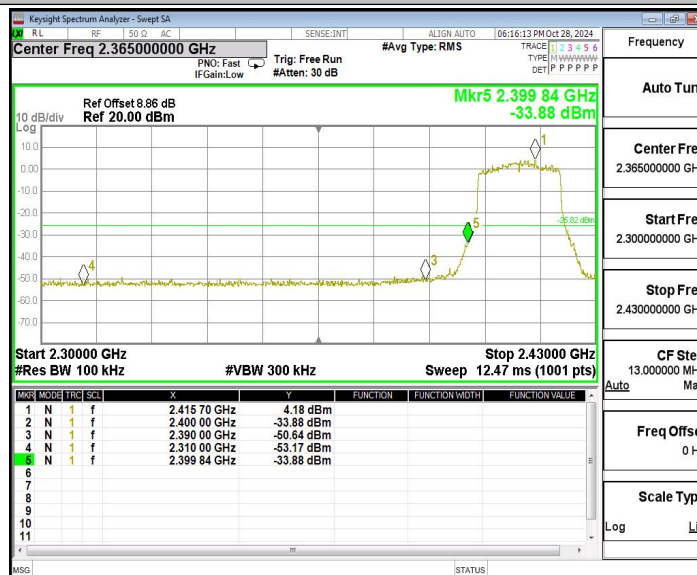
11N40MIMO\_Ant8\_High\_2452



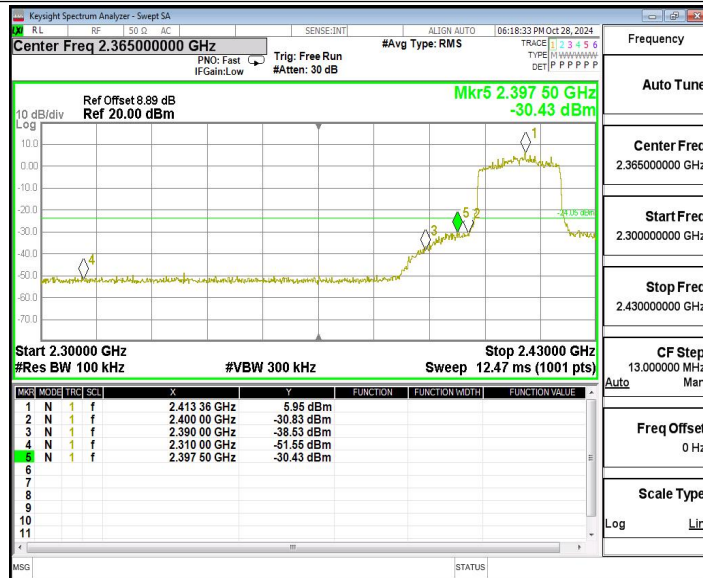
11N40MIMO\_Ant9\_High\_2452



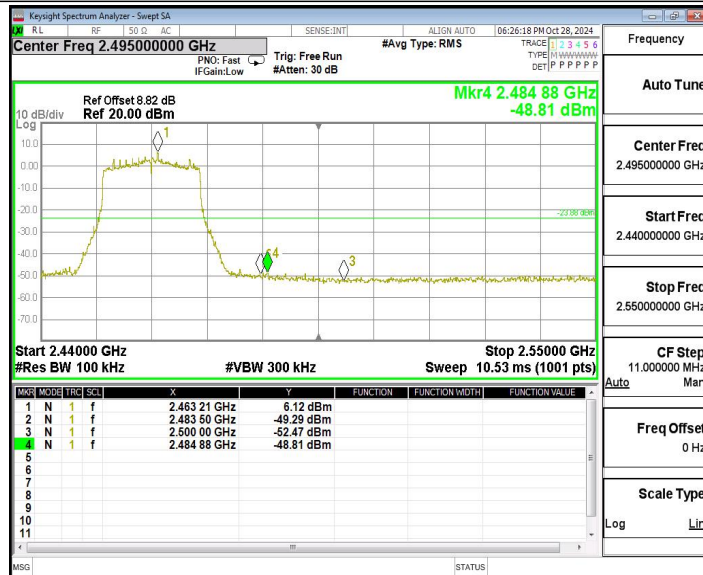
11AX20MIMO\_Ant8\_Low\_2412



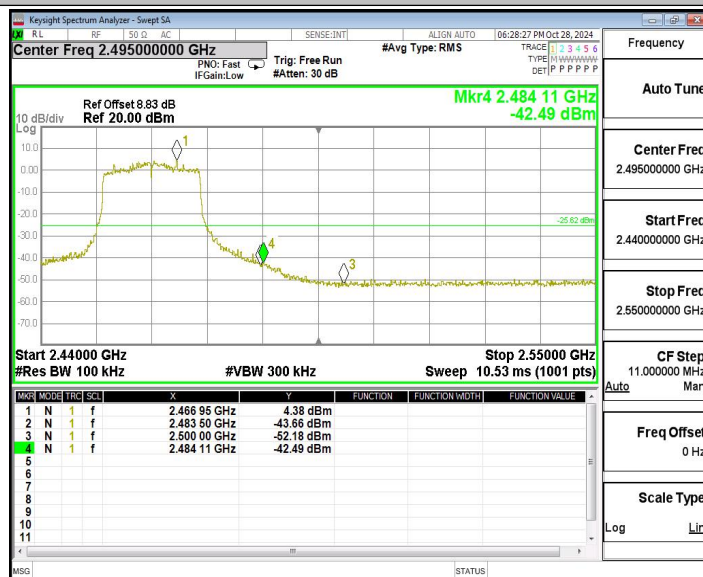
11AX20MIMO\_Ant9\_Low\_2412



11AX20MIMO\_Ant8\_High\_2462

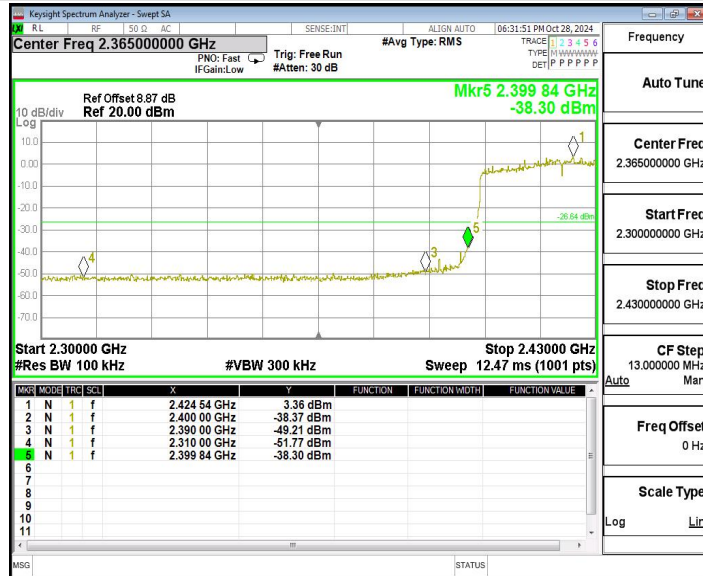


11AX20MIMO\_Ant9\_High\_2462

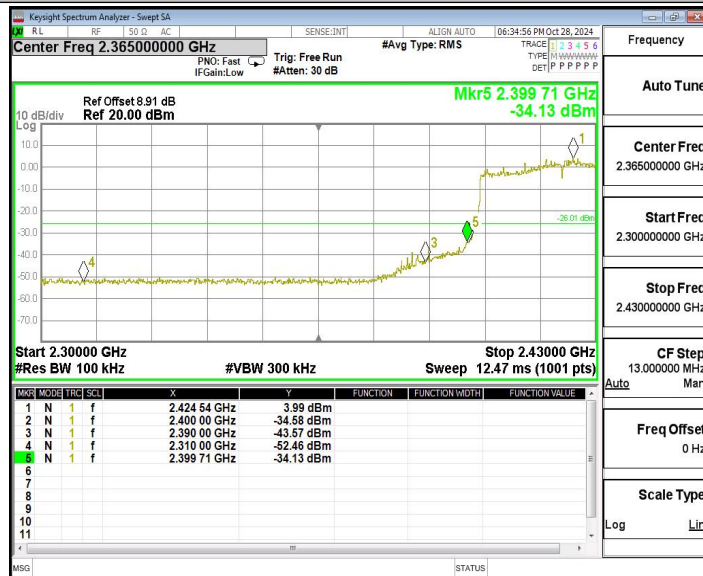




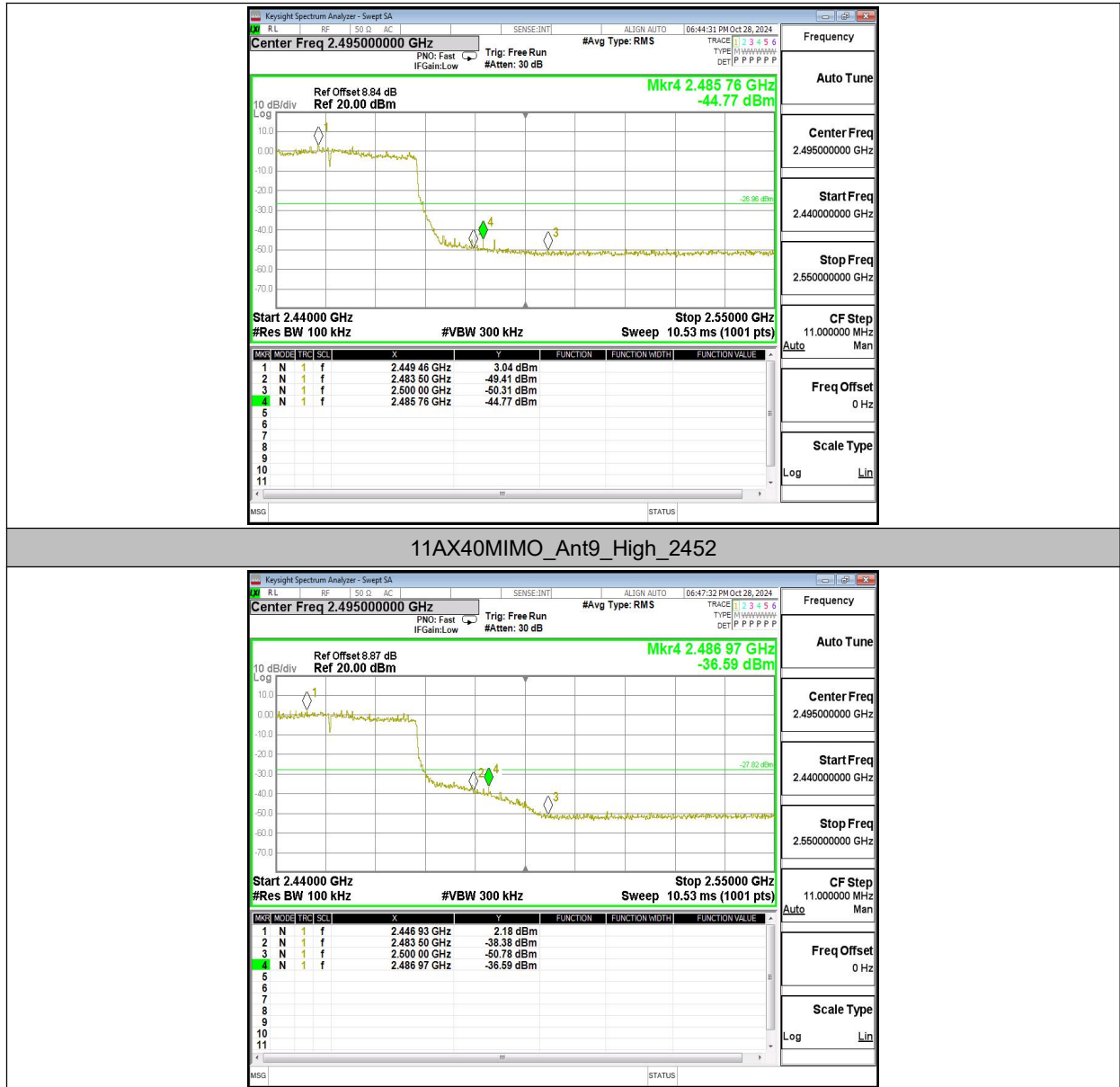
## 11AX40MIMO\_Ant8\_Low\_2422



## 11AX40MIMO\_Ant9\_Low\_2422



## 11AX40MIMO\_Ant8\_High\_2452



## A.5 Conducted Emission

**Method of Measurement: See ANSI C63.10-clause 11.11.**

**Measurement Limit:**

| Standard                                                              | Limit (dBm)                                       |
|-----------------------------------------------------------------------|---------------------------------------------------|
| FCC 47 CFR Part 15.247 (d) & RSS-247 section 5.5/RSS-Gen section 6.13 | 30dBm below peak output power in 100kHz bandwidth |

**Measurement Results:**

| TestMode | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B      | Ant8    | 2412           | Reference       | 9.60           | 9.60         | ---         | PASS    |
|          |         |                | 30~1000         | 9.60           | -60.44       | ≤-20.4      | PASS    |
|          |         |                | 1000~26500      | 9.60           | -46.83       | ≤-20.4      | PASS    |
|          | Ant9    | 2412           | Reference       | 8.95           | 8.95         | ---         | PASS    |
|          |         |                | 30~1000         | 8.95           | -60.73       | ≤-21.05     | PASS    |
|          |         |                | 1000~26500      | 8.95           | -47.21       | ≤-21.05     | PASS    |
|          | Ant8    | 2437           | Reference       | 10.64          | 10.64        | ---         | PASS    |
|          |         |                | 30~1000         | 10.64          | -60.29       | ≤-19.36     | PASS    |
|          |         |                | 1000~26500      | 10.64          | -46.22       | ≤-19.36     | PASS    |
|          | Ant9    | 2437           | Reference       | 10.11          | 10.11        | ---         | PASS    |
|          |         |                | 30~1000         | 10.11          | -61.02       | ≤-19.89     | PASS    |
|          |         |                | 1000~26500      | 10.11          | -47.42       | ≤-19.89     | PASS    |
|          | Ant8    | 2462           | Reference       | 9.37           | 9.37         | ---         | PASS    |
|          |         |                | 30~1000         | 9.37           | -60.91       | ≤-20.63     | PASS    |
|          |         |                | 1000~26500      | 9.37           | -46.11       | ≤-20.63     | PASS    |
|          | Ant9    | 2462           | Reference       | 9.06           | 9.06         | ---         | PASS    |
|          |         |                | 30~1000         | 9.06           | -60.81       | ≤-20.94     | PASS    |
|          |         |                | 1000~26500      | 9.06           | -47.32       | ≤-20.94     | PASS    |
| 11G      | Ant8    | 2412           | Reference       | 5.58           | 5.58         | ---         | PASS    |
|          |         |                | 30~1000         | 5.58           | -60.19       | ≤-24.42     | PASS    |
|          |         |                | 1000~26500      | 5.58           | -45.66       | ≤-24.42     | PASS    |
|          | Ant9    | 2412           | Reference       | 6.25           | 6.25         | ---         | PASS    |
|          |         |                | 30~1000         | 6.25           | -60.37       | ≤-23.75     | PASS    |
|          |         |                | 1000~26500      | 6.25           | -46.78       | ≤-23.75     | PASS    |
|          | Ant8    | 2437           | Reference       | 7.46           | 7.46         | ---         | PASS    |
|          |         |                | 30~1000         | 7.46           | -60.24       | ≤-22.54     | PASS    |
|          |         |                | 1000~26500      | 7.46           | -42.93       | ≤-22.54     | PASS    |
|          | Ant9    | 2437           | Reference       | 6.78           | 6.78         | ---         | PASS    |
|          |         |                | 30~1000         | 6.78           | -60.55       | ≤-23.22     | PASS    |
|          |         |                | 1000~26500      | 6.78           | -47          | ≤-23.22     | PASS    |
|          | Ant8    | 2462           | Reference       | 6.07           | 6.07         | ---         | PASS    |



|        |      |      |            |      |        |               |      |
|--------|------|------|------------|------|--------|---------------|------|
|        | Ant9 | 2462 | 30~1000    | 6.07 | -60.57 | $\leq -23.93$ | PASS |
|        |      |      | 1000~26500 | 6.07 | -46.78 | $\leq -23.93$ | PASS |
|        |      |      | Reference  | 6.01 | 6.01   | ---           | PASS |
|        |      |      | 30~1000    | 6.01 | -60.43 | $\leq -23.99$ | PASS |
|        |      |      | 1000~26500 | 6.01 | -47.26 | $\leq -23.99$ | PASS |
| 11N20  | Ant8 | 2412 | Reference  | 5.51 | 5.51   | ---           | PASS |
|        |      |      | 30~1000    | 5.51 | -60.74 | $\leq -24.49$ | PASS |
|        |      |      | 1000~26500 | 5.51 | -47.47 | $\leq -24.49$ | PASS |
|        | Ant9 | 2412 | Reference  | 6.39 | 6.39   | ---           | PASS |
|        |      |      | 30~1000    | 6.39 | -60.65 | $\leq -23.61$ | PASS |
|        |      |      | 1000~26500 | 6.39 | -46.45 | $\leq -23.61$ | PASS |
|        | Ant8 | 2437 | Reference  | 7.19 | 7.19   | ---           | PASS |
|        |      |      | 30~1000    | 7.19 | -60.76 | $\leq -22.81$ | PASS |
|        |      |      | 1000~26500 | 7.19 | -47.33 | $\leq -22.81$ | PASS |
|        | Ant9 | 2437 | Reference  | 7.48 | 7.48   | ---           | PASS |
|        |      |      | 30~1000    | 7.48 | -60.32 | $\leq -22.52$ | PASS |
|        |      |      | 1000~26500 | 7.48 | -46.92 | $\leq -22.52$ | PASS |
|        | Ant8 | 2462 | Reference  | 6.44 | 6.44   | ---           | PASS |
|        |      |      | 30~1000    | 6.44 | -60.51 | $\leq -23.56$ | PASS |
|        |      |      | 1000~26500 | 6.44 | -47.38 | $\leq -23.56$ | PASS |
|        | Ant9 | 2462 | Reference  | 5.98 | 5.98   | ---           | PASS |
|        |      |      | 30~1000    | 5.98 | -60.03 | $\leq -24.02$ | PASS |
|        |      |      | 1000~26500 | 5.98 | -47.63 | $\leq -24.02$ | PASS |
| 11N40  | Ant8 | 2422 | Reference  | 3.70 | 3.70   | ---           | PASS |
|        |      |      | 30~1000    | 3.70 | -60.54 | $\leq -26.3$  | PASS |
|        |      |      | 1000~26500 | 3.70 | -47.2  | $\leq -26.3$  | PASS |
|        | Ant9 | 2422 | Reference  | 4.35 | 4.35   | ---           | PASS |
|        |      |      | 30~1000    | 4.35 | -60.5  | $\leq -25.65$ | PASS |
|        |      |      | 1000~26500 | 4.35 | -47.82 | $\leq -25.65$ | PASS |
|        | Ant8 | 2437 | Reference  | 4.07 | 4.07   | ---           | PASS |
|        |      |      | 30~1000    | 4.07 | -60.69 | $\leq -25.93$ | PASS |
|        |      |      | 1000~26500 | 4.07 | -47.08 | $\leq -25.93$ | PASS |
|        | Ant9 | 2437 | Reference  | 4.58 | 4.58   | ---           | PASS |
|        |      |      | 30~1000    | 4.58 | -60.33 | $\leq -25.42$ | PASS |
|        |      |      | 1000~26500 | 4.58 | -47.25 | $\leq -25.42$ | PASS |
|        | Ant8 | 2452 | Reference  | 3.19 | 3.19   | ---           | PASS |
|        |      |      | 30~1000    | 3.19 | -60.79 | $\leq -26.81$ | PASS |
|        |      |      | 1000~26500 | 3.19 | -47.16 | $\leq -26.81$ | PASS |
|        | Ant9 | 2452 | Reference  | 3.95 | 3.95   | ---           | PASS |
|        |      |      | 30~1000    | 3.95 | -60.78 | $\leq -26.05$ | PASS |
|        |      |      | 1000~26500 | 3.95 | -46.69 | $\leq -26.05$ | PASS |
| 11AX20 | Ant8 | 2412 | Reference  | 5.58 | 5.58   | ---           | PASS |
|        |      |      | 30~1000    | 5.58 | -60.37 | $\leq -24.42$ | PASS |



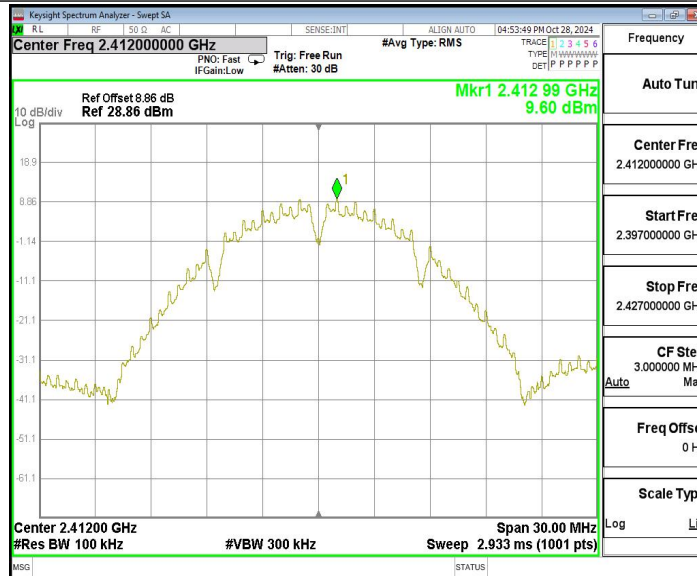
|        |      |      |            |      |        |               |      |
|--------|------|------|------------|------|--------|---------------|------|
|        | Ant9 | 2412 | 1000~26500 | 5.58 | -47.81 | $\leq -24.42$ | PASS |
|        |      |      | Reference  | 5.98 | 5.98   | ---           | PASS |
|        |      |      | 30~1000    | 5.98 | -60.8  | $\leq -24.02$ | PASS |
|        |      |      | 1000~26500 | 5.98 | -47.76 | $\leq -24.02$ | PASS |
|        | Ant8 | 2437 | Reference  | 6.67 | 6.67   | ---           | PASS |
|        |      |      | 30~1000    | 6.67 | -60.68 | $\leq -23.33$ | PASS |
|        |      |      | 1000~26500 | 6.67 | -47.32 | $\leq -23.33$ | PASS |
|        | Ant9 | 2437 | Reference  | 6.67 | 6.67   | ---           | PASS |
|        |      |      | 30~1000    | 6.67 | -60.69 | $\leq -23.33$ | PASS |
|        |      |      | 1000~26500 | 6.67 | -46.97 | $\leq -23.33$ | PASS |
|        | Ant8 | 2462 | Reference  | 5.33 | 5.33   | ---           | PASS |
|        |      |      | 30~1000    | 5.33 | -60.42 | $\leq -24.67$ | PASS |
|        |      |      | 1000~26500 | 5.33 | -47.2  | $\leq -24.67$ | PASS |
| 11AX40 | Ant8 | 2422 | Reference  | 5.29 | 5.29   | ---           | PASS |
|        |      |      | 30~1000    | 5.29 | -60.72 | $\leq -24.71$ | PASS |
|        |      |      | 1000~26500 | 5.29 | -47.16 | $\leq -24.71$ | PASS |
|        | Ant9 | 2422 | Reference  | 2.74 | 2.74   | ---           | PASS |
|        |      |      | 30~1000    | 2.74 | -59.26 | $\leq -27.26$ | PASS |
|        |      |      | 1000~26500 | 2.74 | -47.17 | $\leq -27.26$ | PASS |
|        | Ant9 | 2422 | Reference  | 3.35 | 3.35   | ---           | PASS |
|        |      |      | 30~1000    | 3.35 | -59.94 | $\leq -26.65$ | PASS |
|        |      |      | 1000~26500 | 3.35 | -47.28 | $\leq -26.65$ | PASS |
|        | Ant8 | 2437 | Reference  | 2.58 | 2.58   | ---           | PASS |
|        |      |      | 30~1000    | 2.58 | -60.8  | $\leq -27.42$ | PASS |
|        |      |      | 1000~26500 | 2.58 | -47.57 | $\leq -27.42$ | PASS |
|        | Ant9 | 2437 | Reference  | 3.90 | 3.90   | ---           | PASS |
|        |      |      | 30~1000    | 3.90 | -59.74 | $\leq -26.1$  | PASS |
|        |      |      | 1000~26500 | 3.90 | -46.94 | $\leq -26.1$  | PASS |
|        | Ant8 | 2452 | Reference  | 1.78 | 1.78   | ---           | PASS |
|        |      |      | 30~1000    | 1.78 | -60.39 | $\leq -28.22$ | PASS |
|        |      |      | 1000~26500 | 1.78 | -46.71 | $\leq -28.22$ | PASS |
|        | Ant9 | 2452 | Reference  | 2.91 | 2.91   | ---           | PASS |
|        |      |      | 30~1000    | 2.91 | -60.28 | $\leq -27.09$ | PASS |
|        |      |      | 1000~26500 | 2.91 | -46.57 | $\leq -27.09$ | PASS |

See below for test graphs.

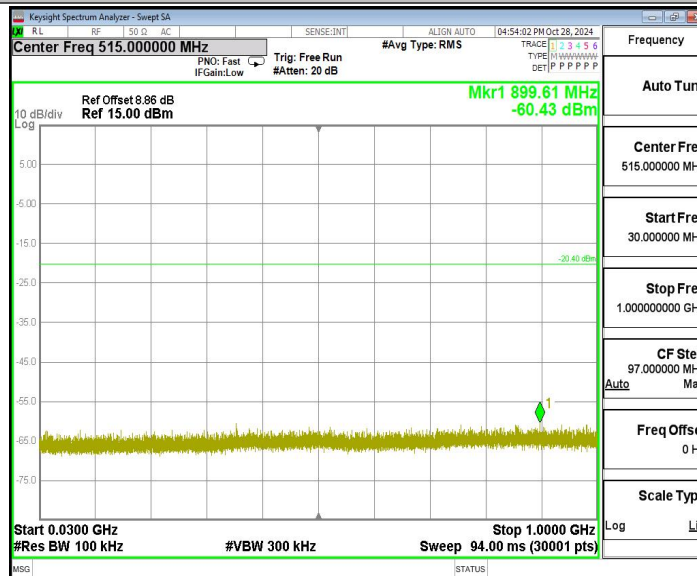
Conclusion: PASS



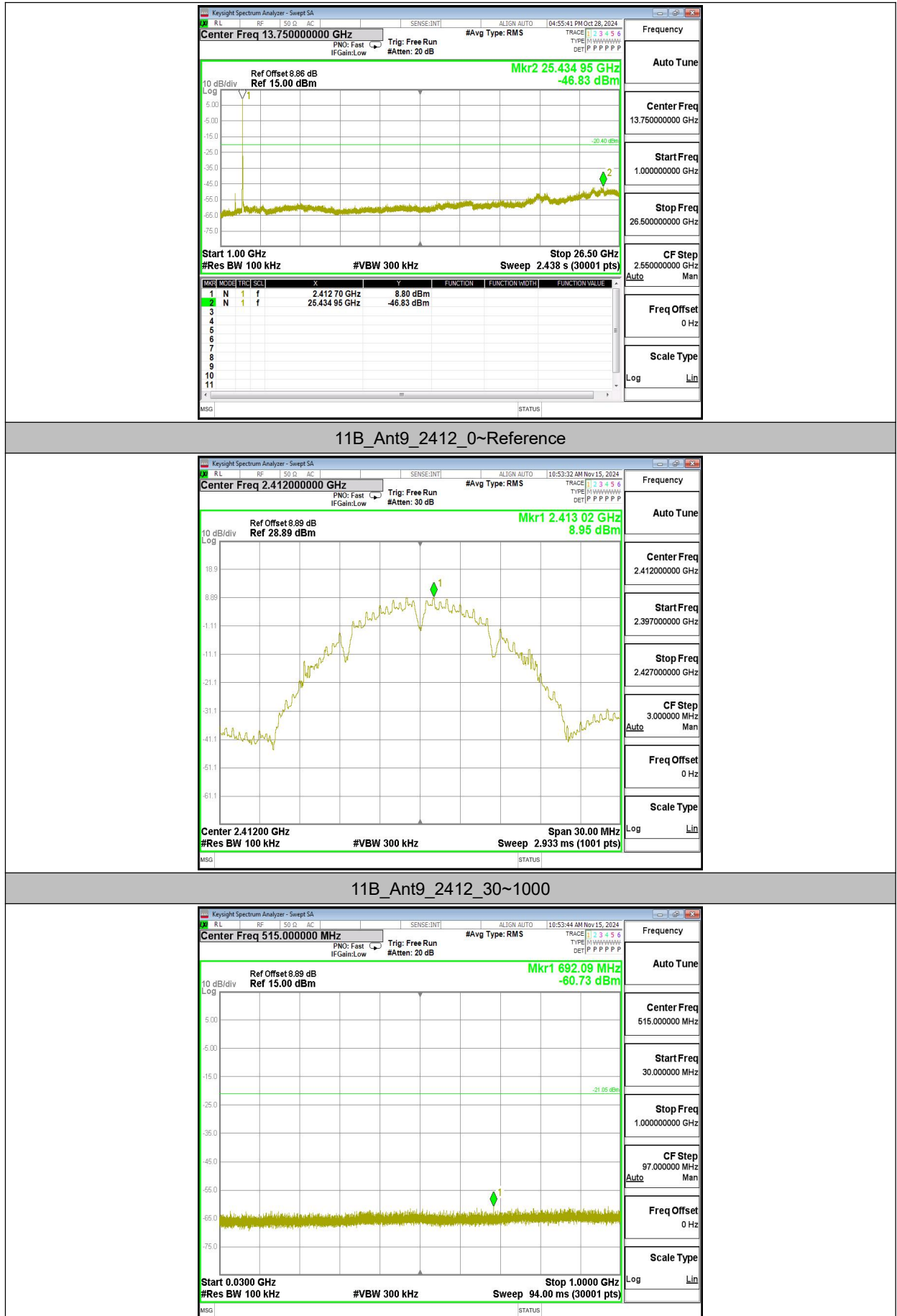
11B\_Ant8\_2412\_0~Reference



11B\_Ant8\_2412\_30~1000

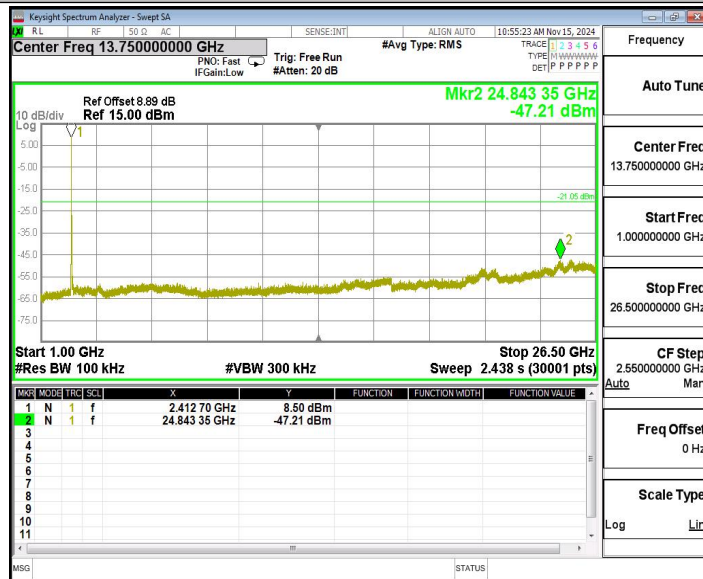


11B\_Ant8\_2412\_1000~26500

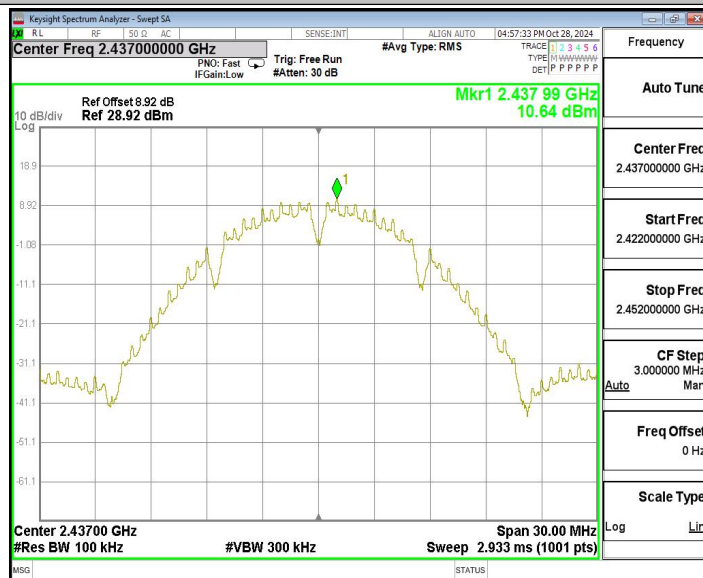




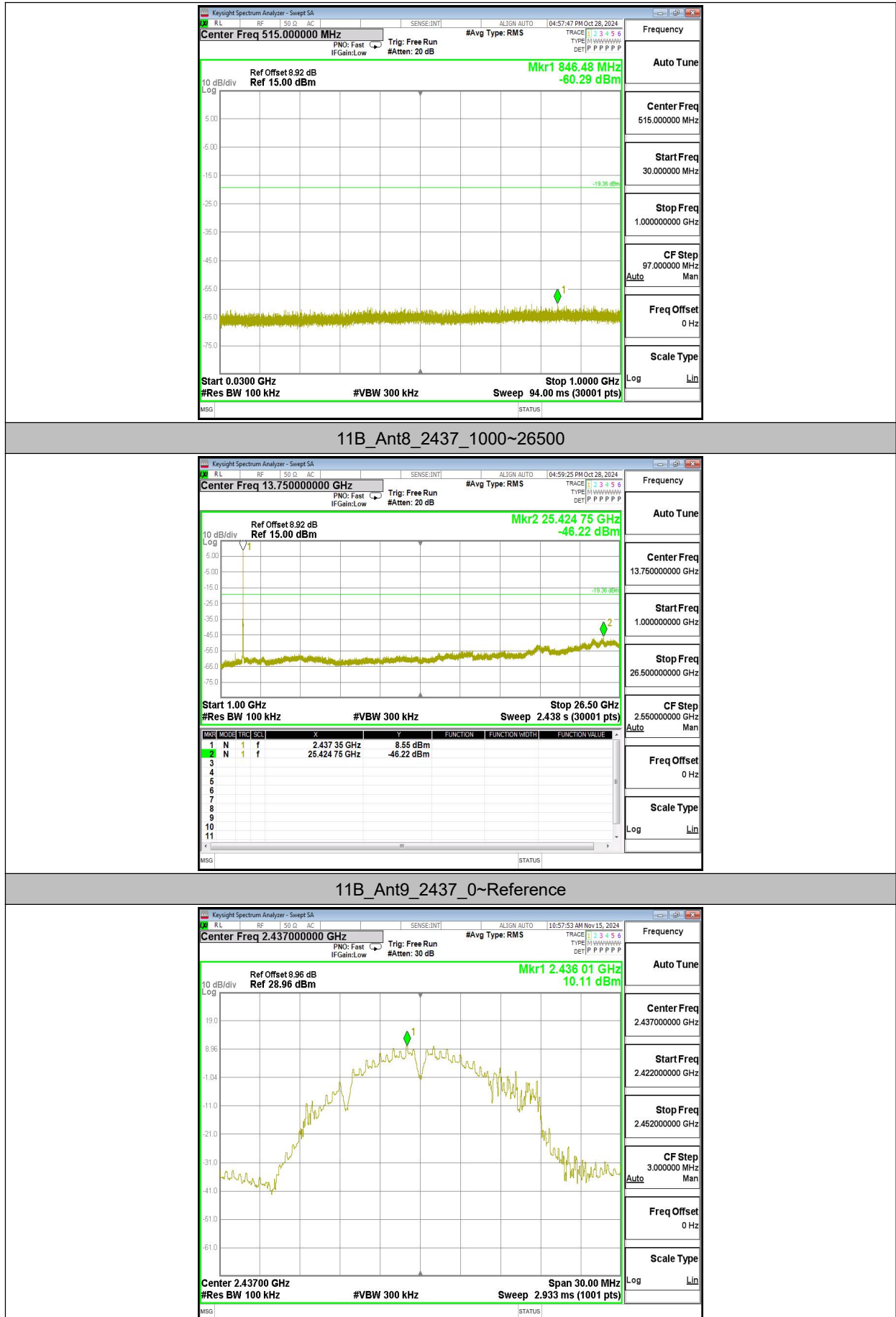
## 11B\_Ant9\_2412\_1000~26500



## 11B\_Ant8\_2437\_0~Reference

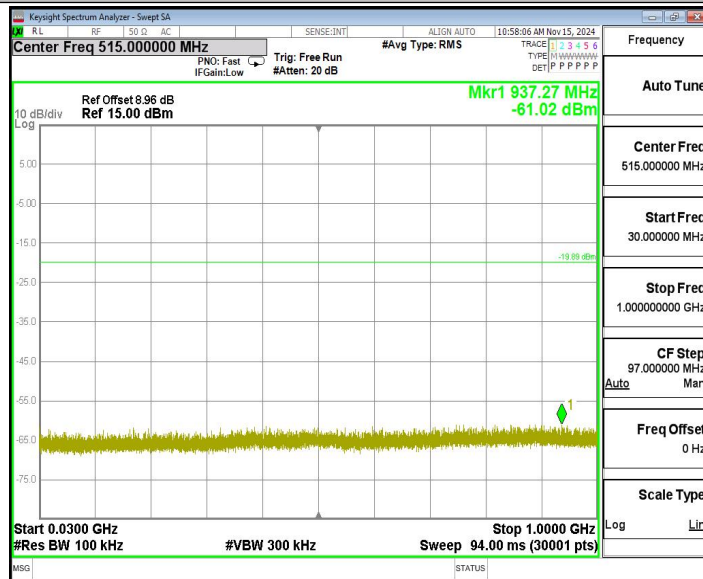


## 11B\_Ant8\_2437\_30~1000

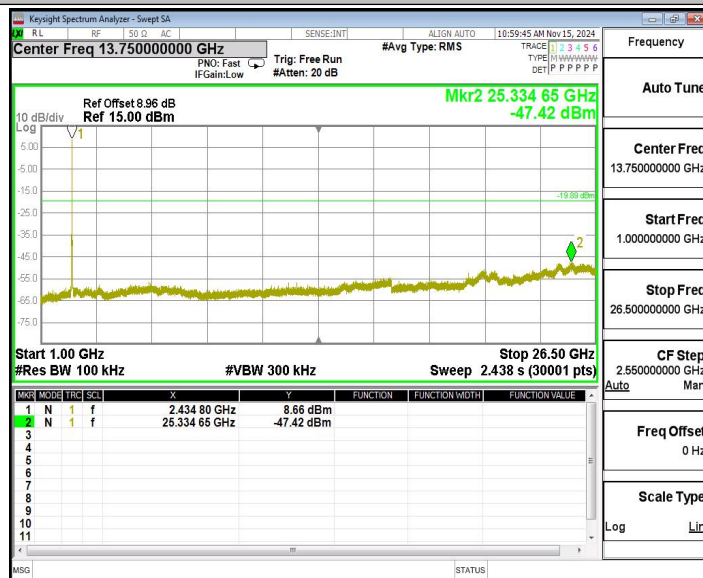




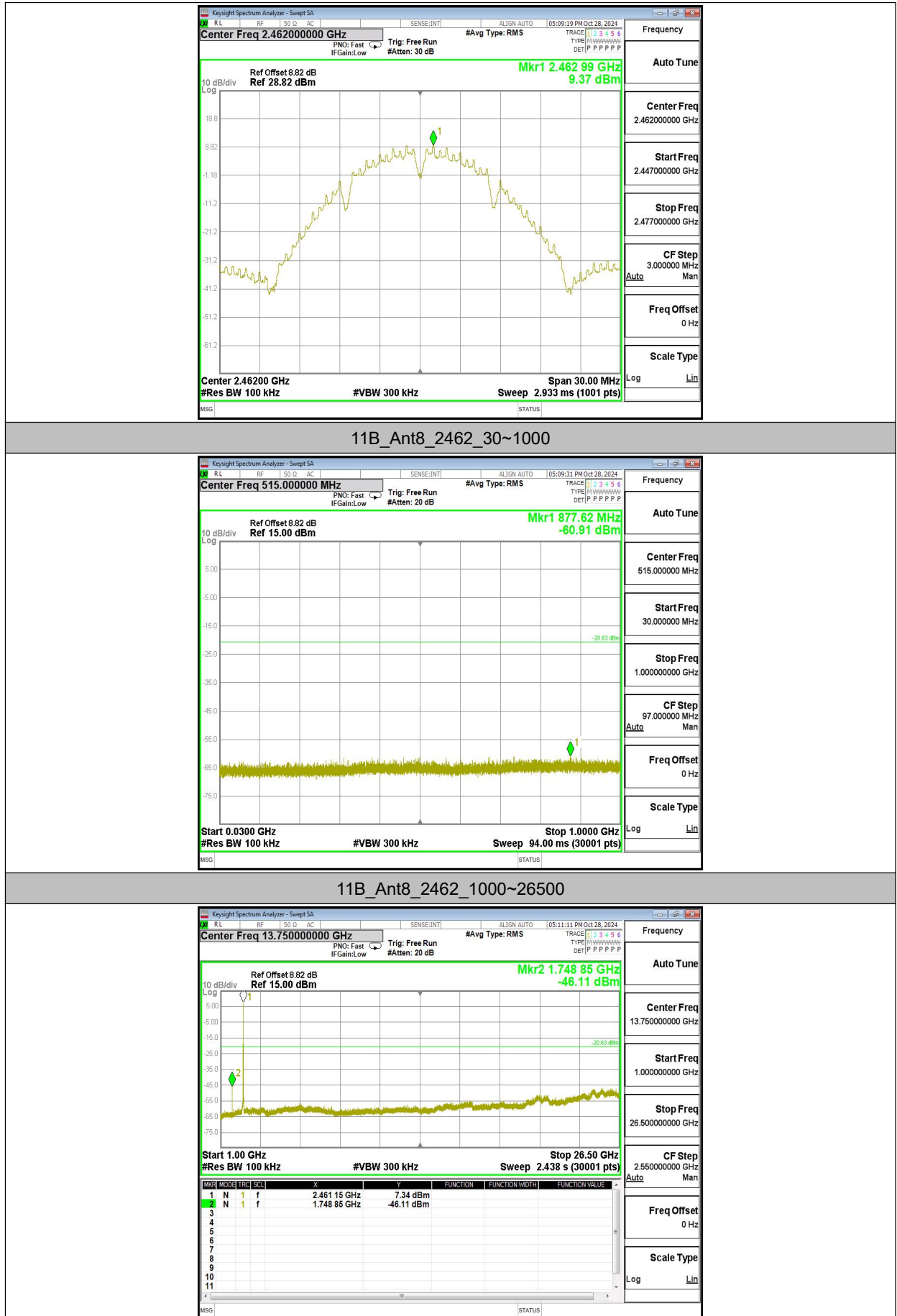
## 11B\_Ant9\_2437\_30~1000



## 11B\_Ant9\_2437\_1000~26500

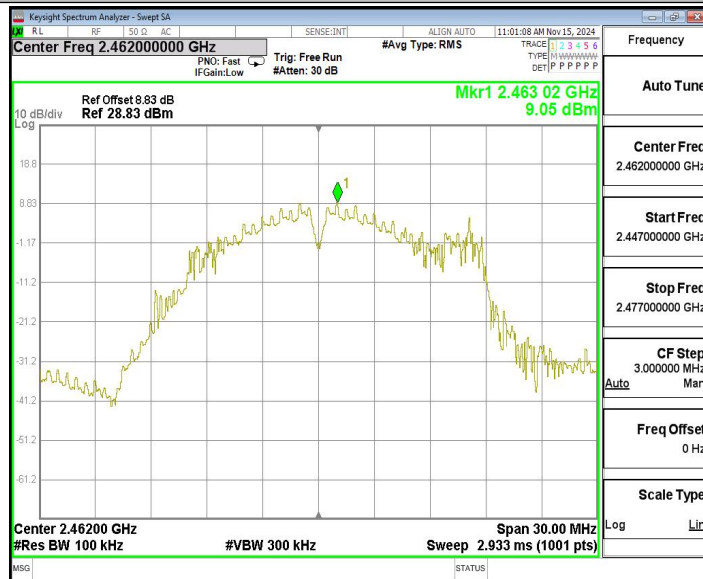


## 11B\_Ant8\_2462\_0~Reference

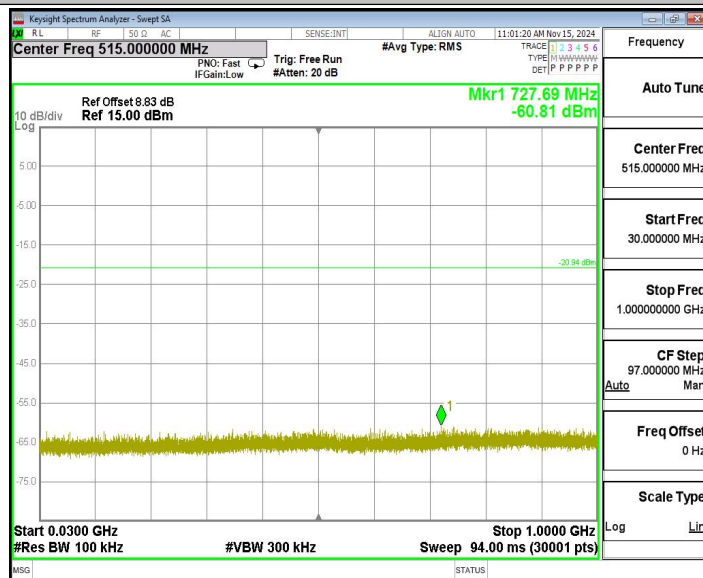




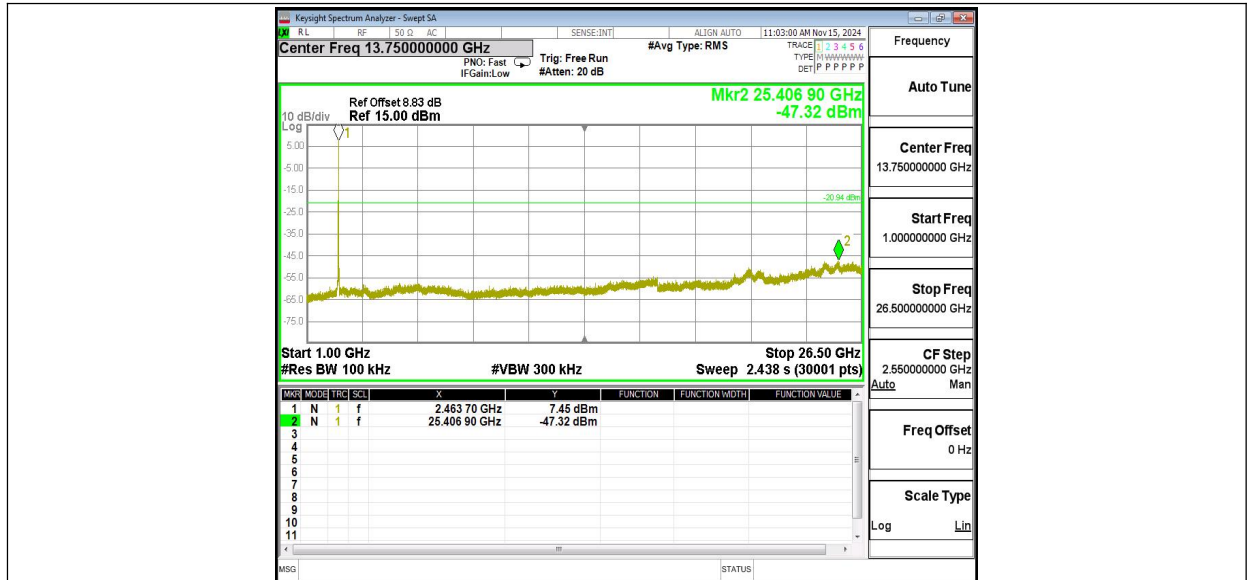
## 11B\_Ant9\_2462\_0~Reference



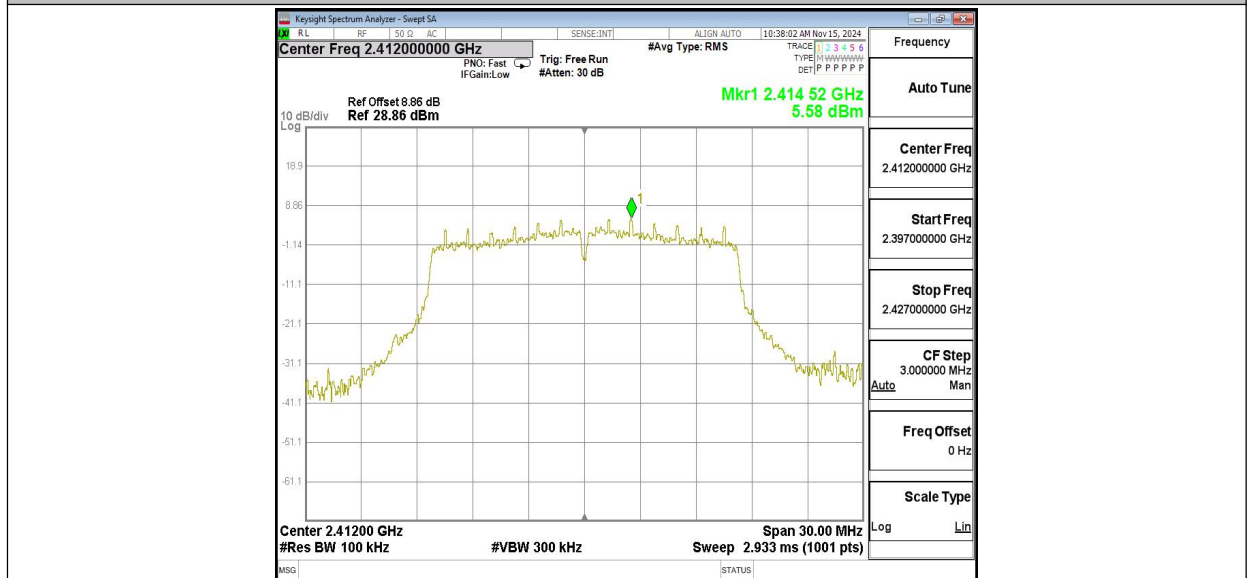
## 11B\_Ant9\_2462\_30~1000



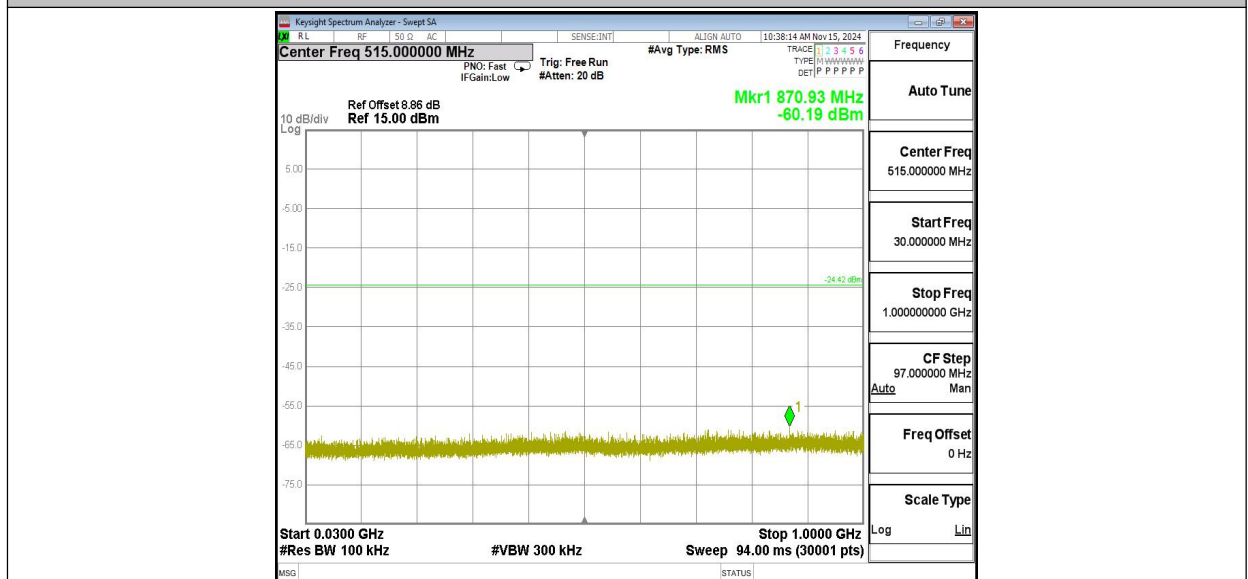
## 11B\_Ant9\_2462\_1000~26500

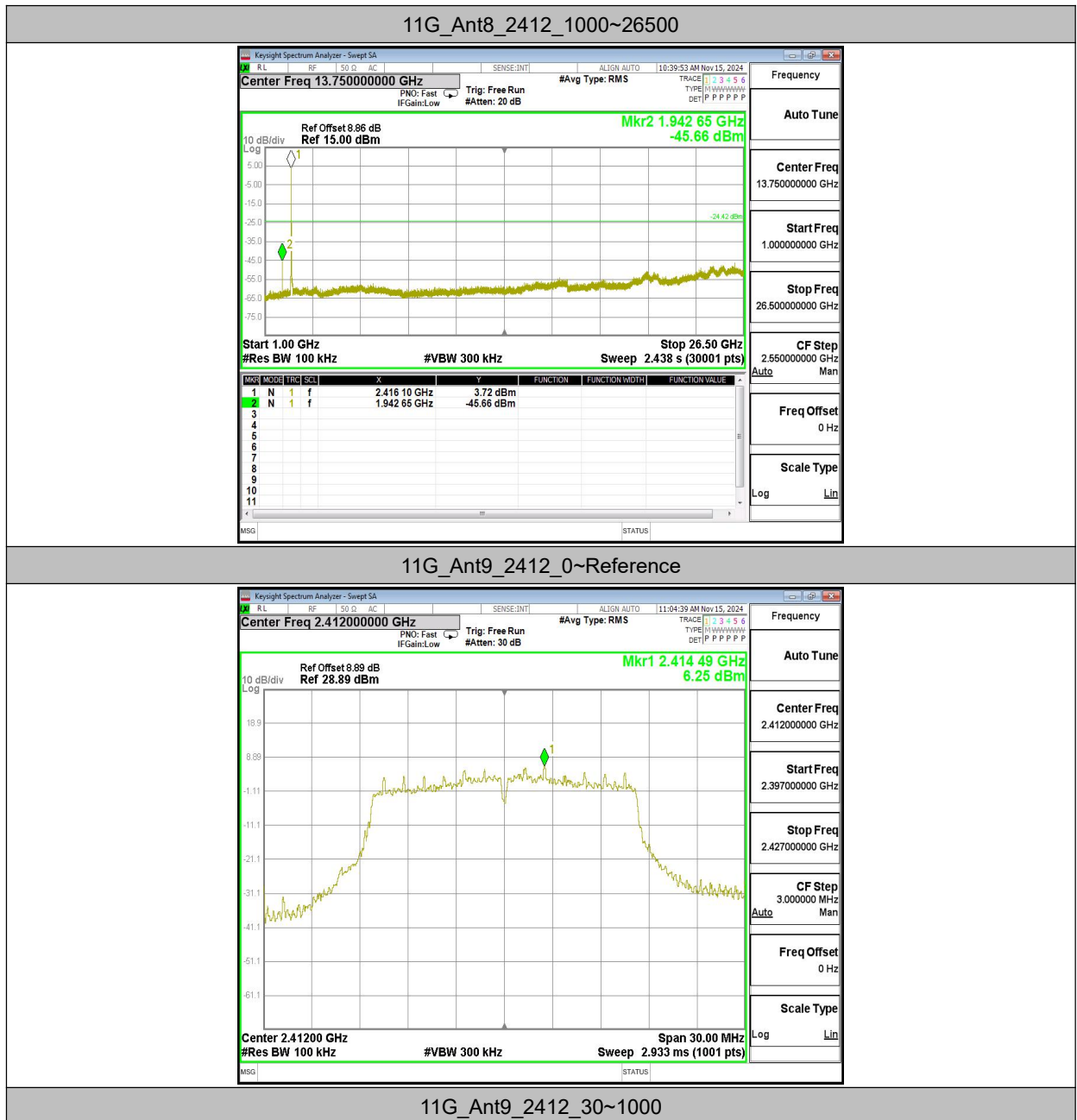
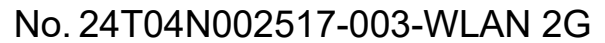


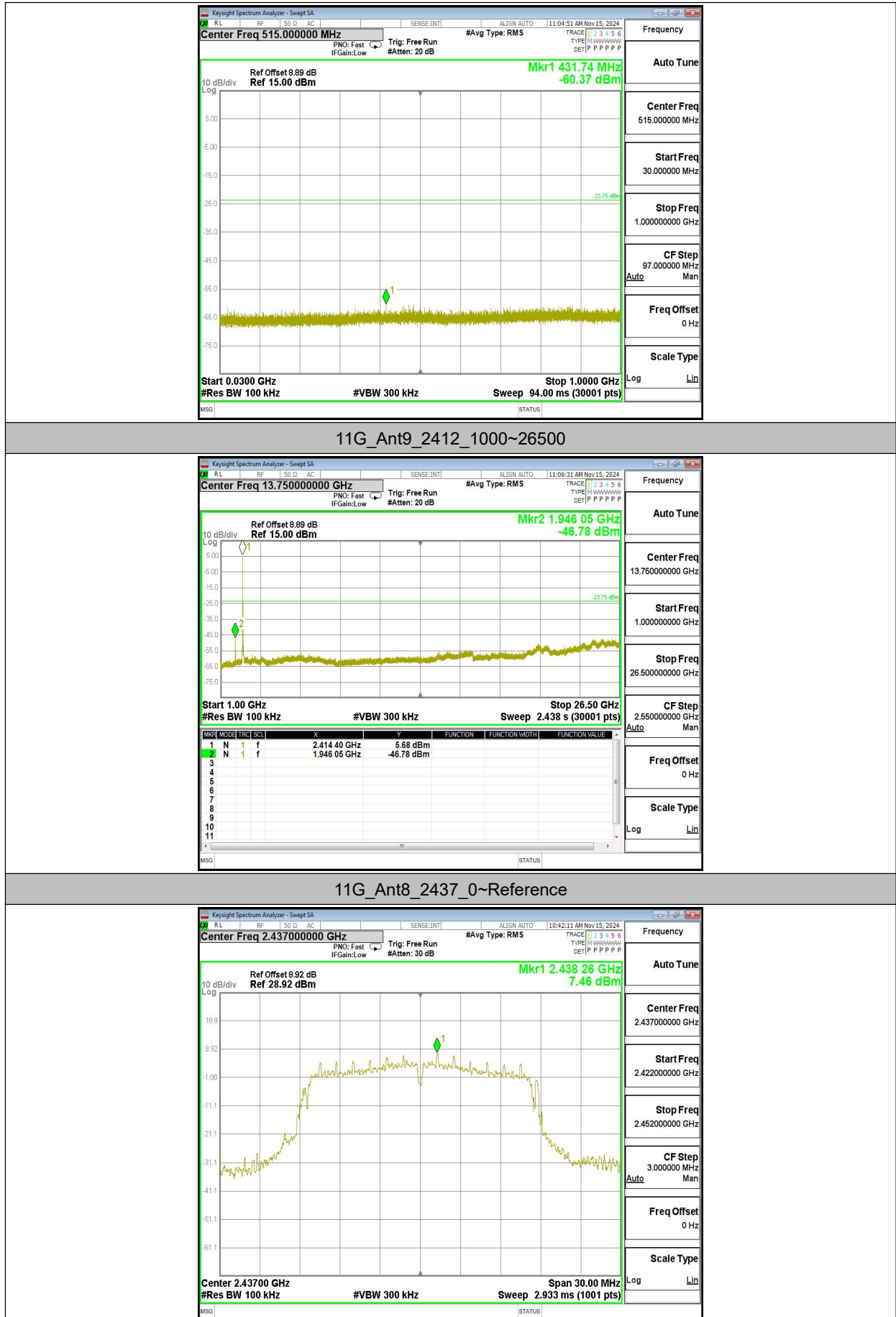
11G\_Ant8\_2412\_0~Reference



11G\_Ant8\_2412\_30~1000

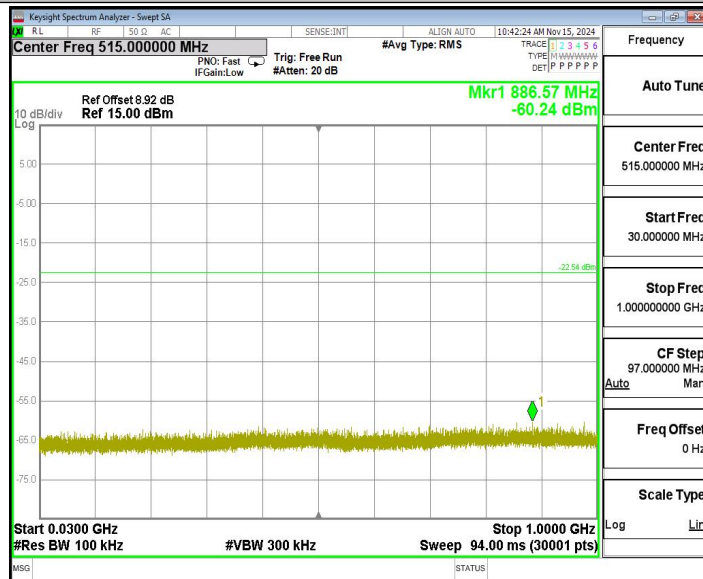




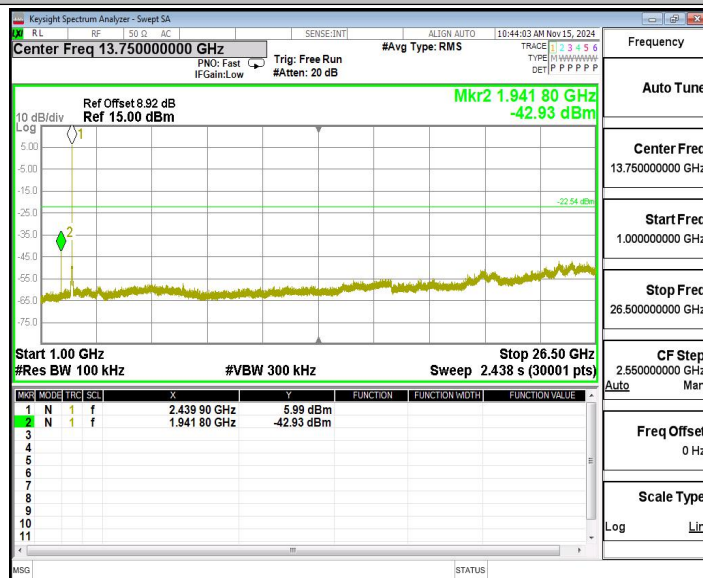




## 11G\_Ant8\_2437\_30~1000



## 11G\_Ant8\_2437\_1000~26500



## 11G\_Ant9\_2437\_0~Reference