

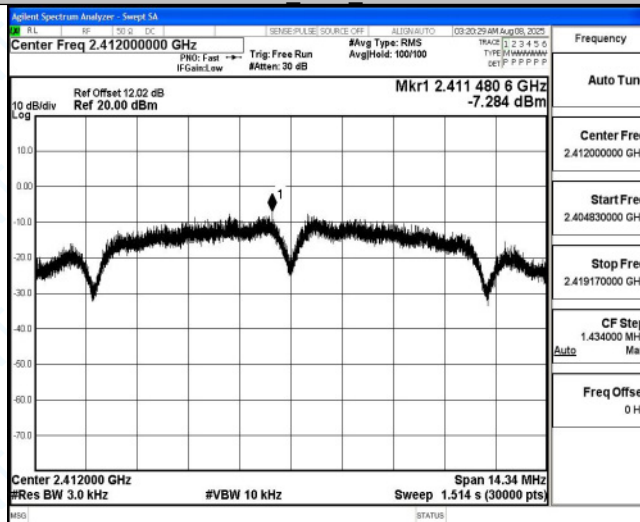
**Appendix D: Maximum power spectral density****Test Result**

| TestMode   | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|----------------|----------------------|-----------------|---------|
| 11B        | Ant2    | 2412           | -7.28                | ≤8.00           | PASS    |
|            |         | 2437           | -8.38                | ≤8.00           | PASS    |
|            |         | 2462           | -7.51                | ≤8.00           | PASS    |
| 11G        | Ant2    | 2412           | -9.10                | ≤8.00           | PASS    |
|            |         | 2437           | -11.36               | ≤8.00           | PASS    |
|            |         | 2462           | -12.54               | ≤8.00           | PASS    |
| 11N20SISO  | Ant2    | 2412           | -12.01               | ≤8.00           | PASS    |
|            |         | 2437           | -11.23               | ≤8.00           | PASS    |
|            |         | 2462           | -12.08               | ≤8.00           | PASS    |
| 11N40SISO  | Ant2    | 2422           | -16.72               | ≤8.00           | PASS    |
|            |         | 2437           | -16.08               | ≤8.00           | PASS    |
|            |         | 2452           | -16.02               | ≤8.00           | PASS    |
| 11AX20SISO | Ant2    | 2412           | -15.35               | ≤8.00           | PASS    |
|            |         | 2437           | -14.67               | ≤8.00           | PASS    |
|            |         | 2462           | -15.72               | ≤8.00           | PASS    |
| 11AX40SISO | Ant2    | 2422           | -18.32               | ≤8.00           | PASS    |
|            |         | 2437           | -17.58               | ≤8.00           | PASS    |
|            |         | 2452           | -18.26               | ≤8.00           | PASS    |

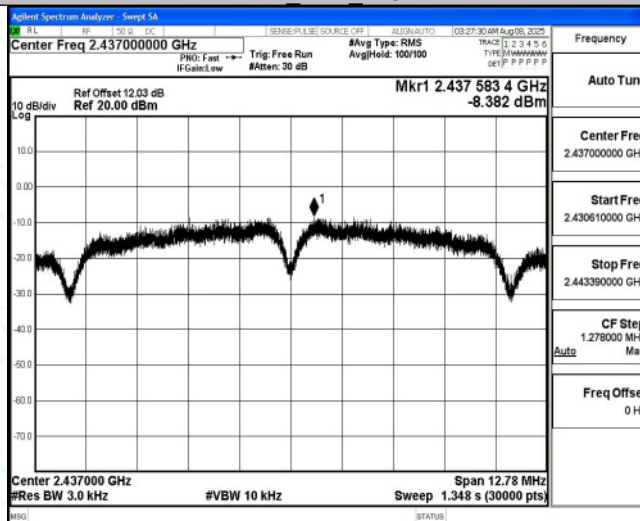


## Test Graphs

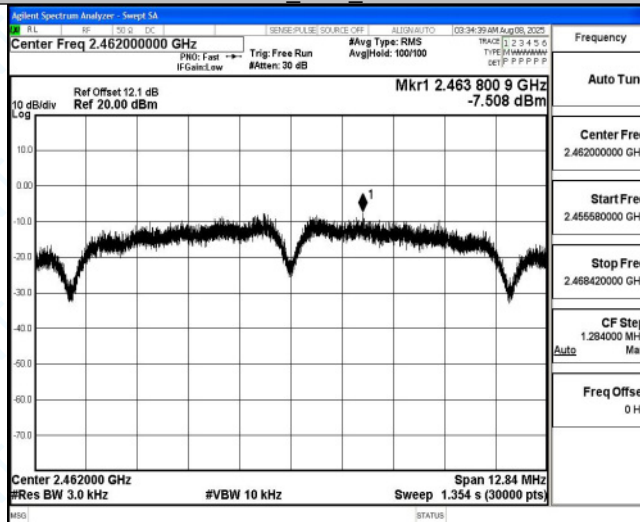
11B\_Ant2\_2412



11B\_Ant2\_2437

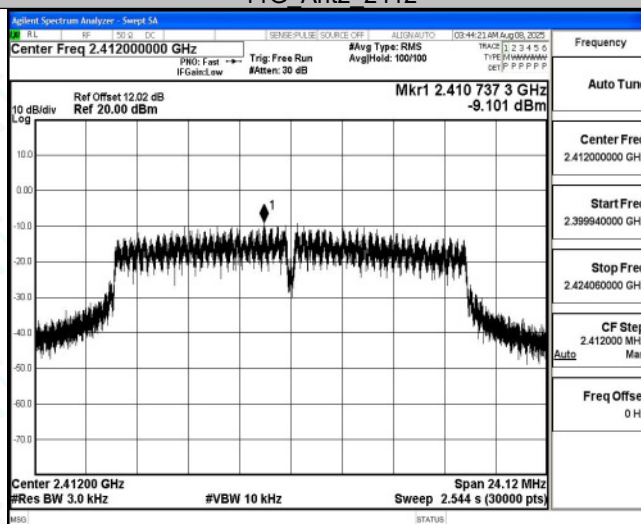


11B\_Ant2\_2462

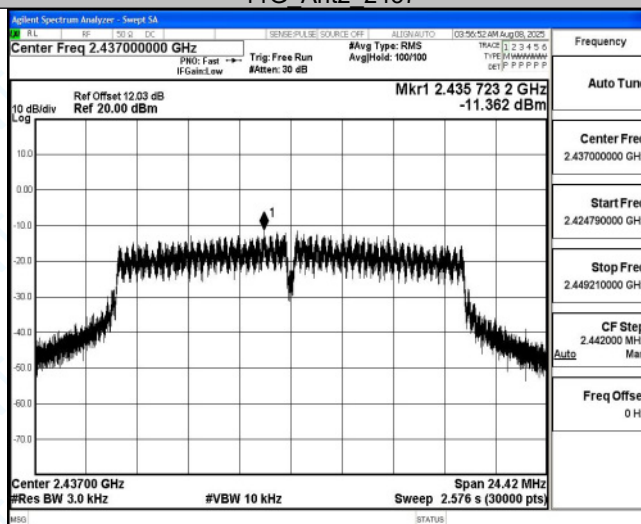




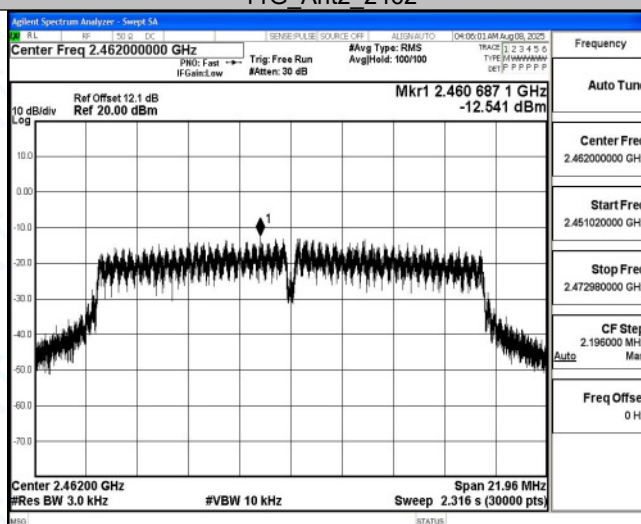
## 11G\_Ant2\_2412



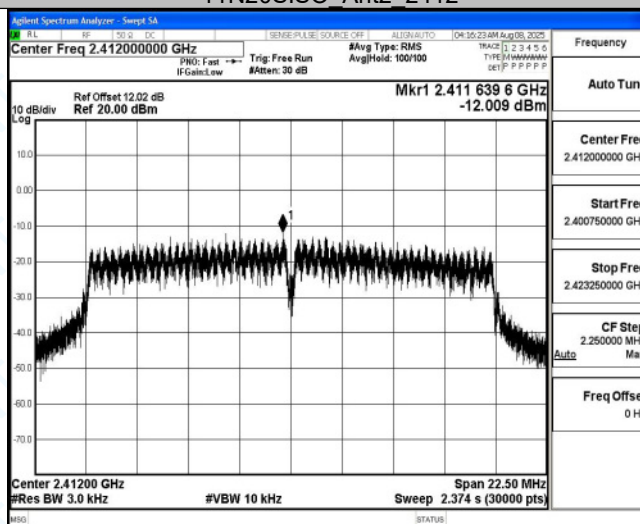
## 11G\_Ant2\_2437



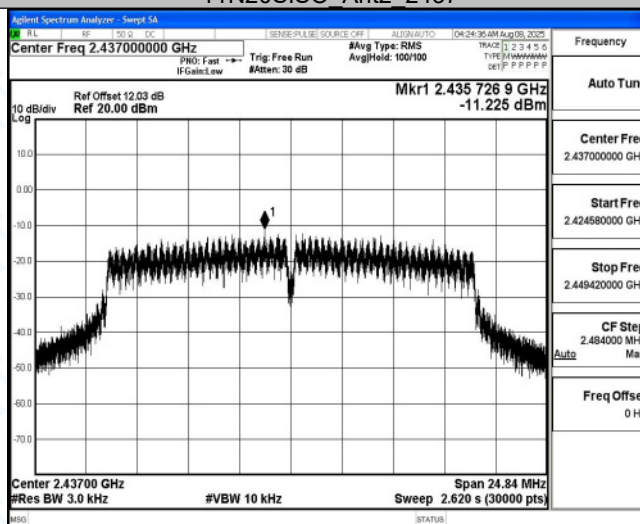
## 11G\_Ant2\_2462



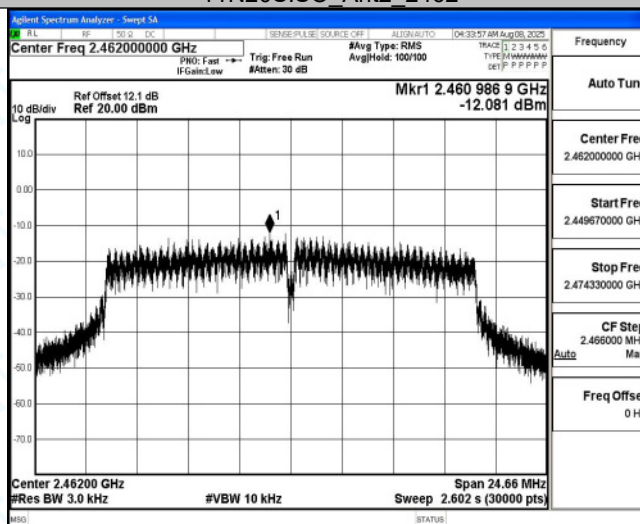
11N20SISO Ant2 2412



11N20SISO Ant2 2437

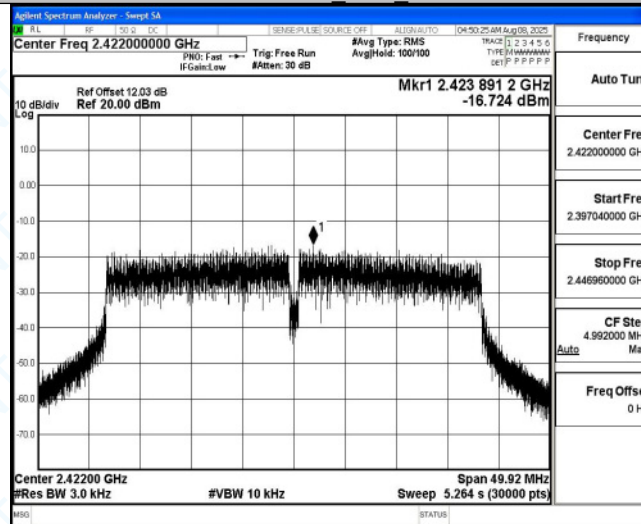


11N20SISO Ant2 2462

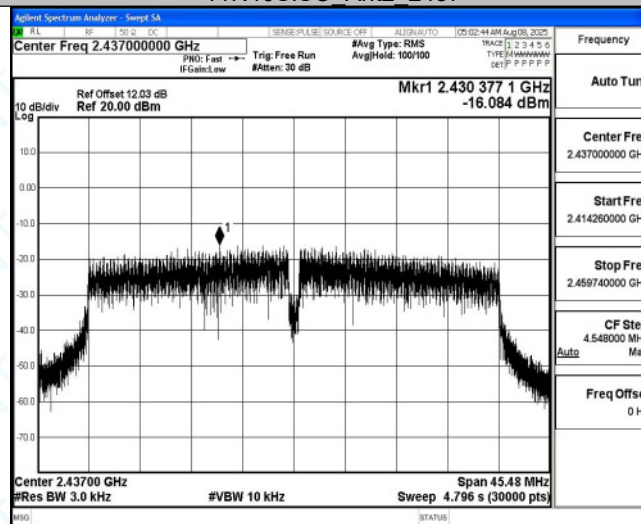




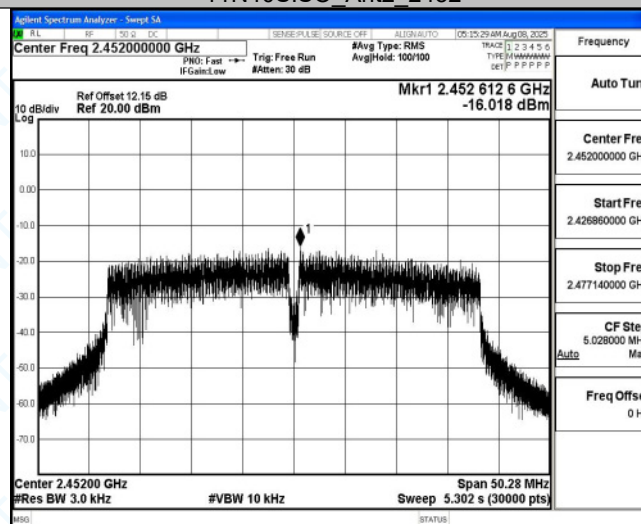
## 11N40SISO\_Ant2\_2422



## 11N40SISO\_Ant2\_2437

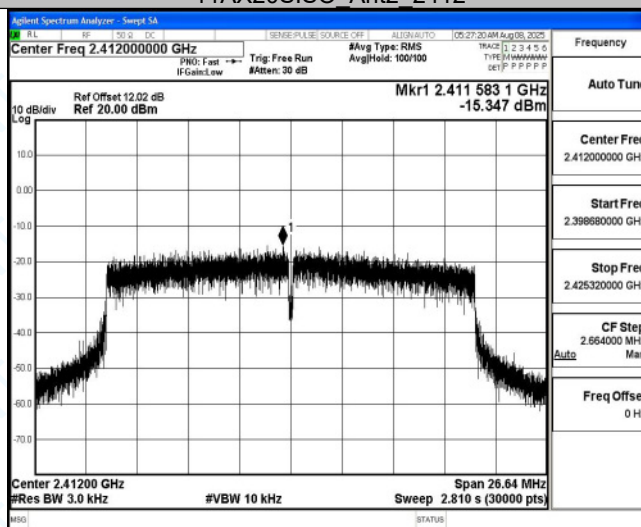


## 11N40SISO\_Ant2\_2452

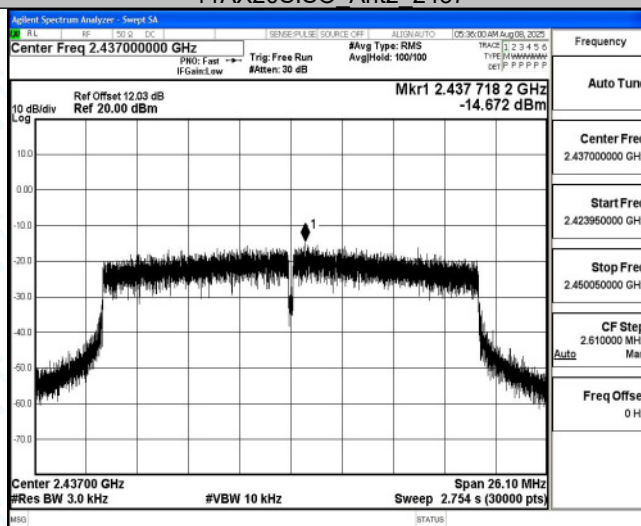




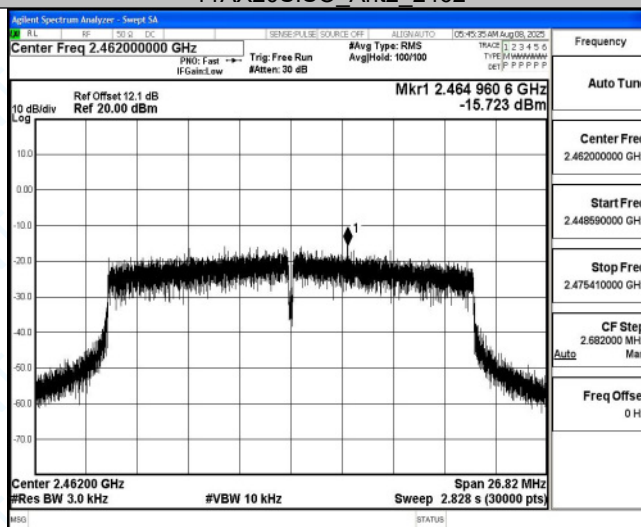
## 11AX20SISO\_Ant2\_2412



## 11AX20SISO\_Ant2\_2437

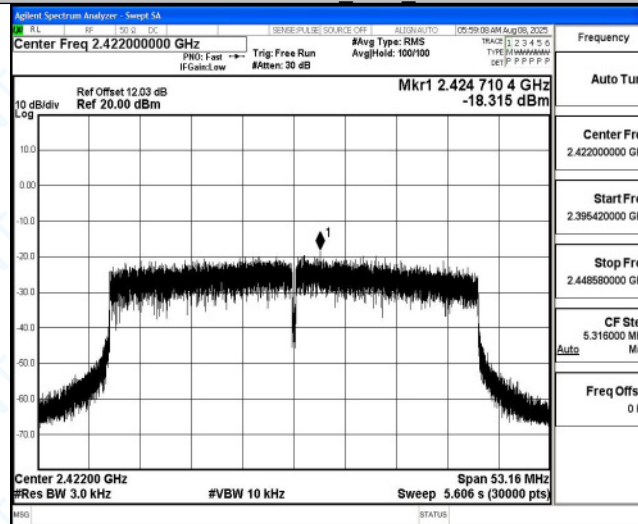


## 11AX20SISO\_Ant2\_2462

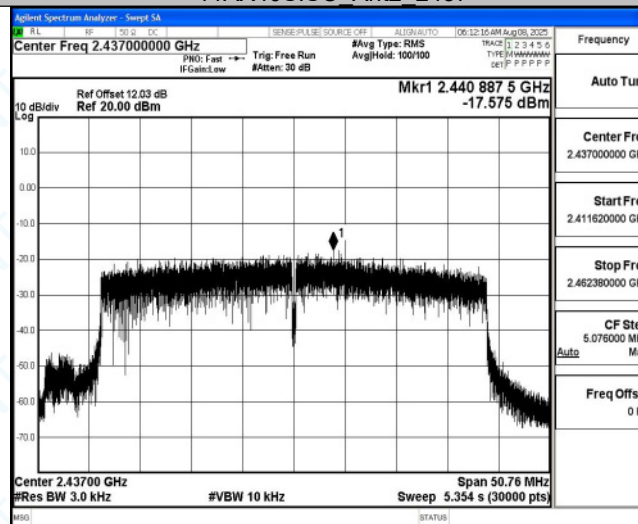




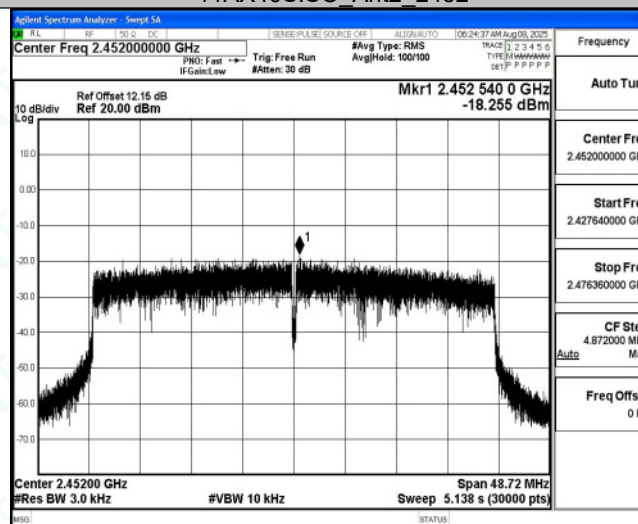
## 11AX40SISO\_Ant2\_2422



## 11AX40SISO\_Ant2\_2437



## 11AX40SISO\_Ant2\_2452





Appendix E: Band edge measurements

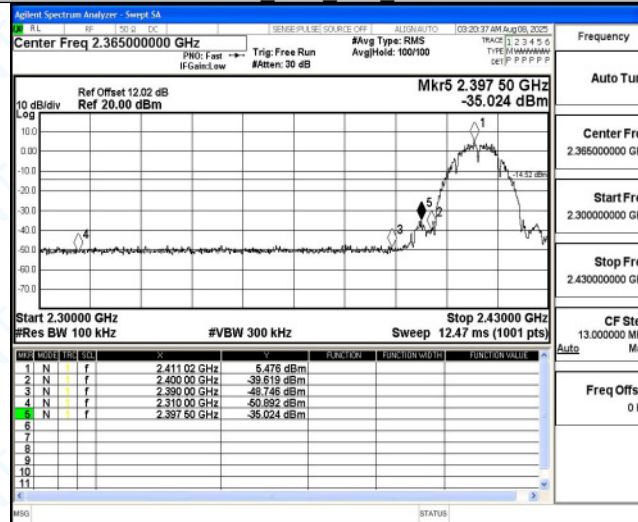
Test Result

| TestMode   | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|----------------|---------------|-------------|------------|---------|
| 11B        | Ant2    | Low    | 2412           | 5.48          | -35.02      | ≤-14.52    | PASS    |
|            |         | High   | 2462           | 4.65          | -46.93      | ≤-15.35    | PASS    |
| 11G        | Ant2    | Low    | 2412           | 4.50          | -25.39      | ≤-15.5     | PASS    |
|            |         | High   | 2462           | 0.05          | -46.27      | ≤-19.95    | PASS    |
| 11N20SISO  | Ant2    | Low    | 2412           | -1.42         | -28.93      | ≤-21.42    | PASS    |
|            |         | High   | 2462           | -0.04         | -47.33      | ≤-20.04    | PASS    |
| 11N40SISO  | Ant2    | Low    | 2422           | -4.49         | -36.68      | ≤-24.49    | PASS    |
|            |         | High   | 2452           | -2.71         | -44.19      | ≤-22.71    | PASS    |
| 11AX20SISO | Ant2    | Low    | 2412           | -3.39         | -32.36      | ≤-23.39    | PASS    |
|            |         | High   | 2462           | -3.87         | -45.76      | ≤-23.87    | PASS    |
| 11AX40SISO | Ant2    | Low    | 2422           | -4.13         | -36.79      | ≤-24.13    | PASS    |
|            |         | High   | 2452           | -5.24         | -44.24      | ≤-25.24    | PASS    |

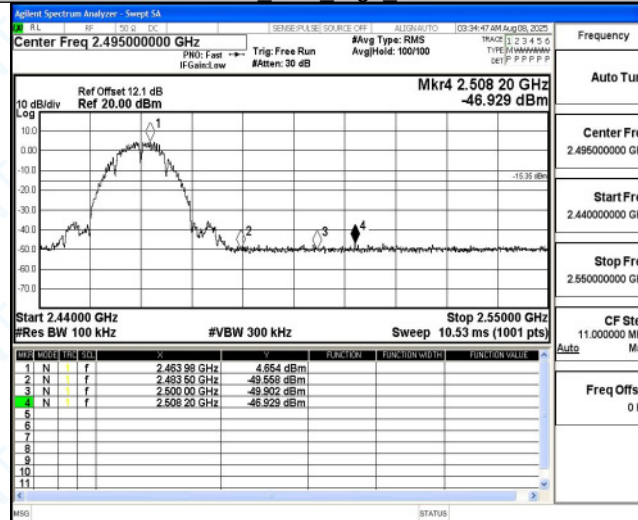


## Test Graphs

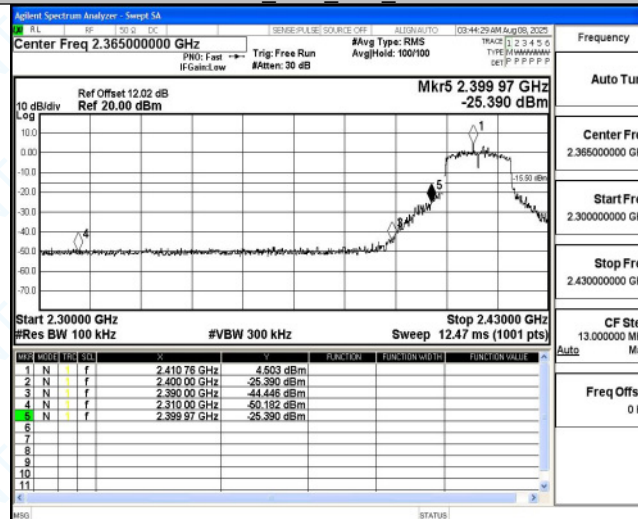
11B\_Ant2\_Low\_2412



11B\_Ant2\_High\_2462

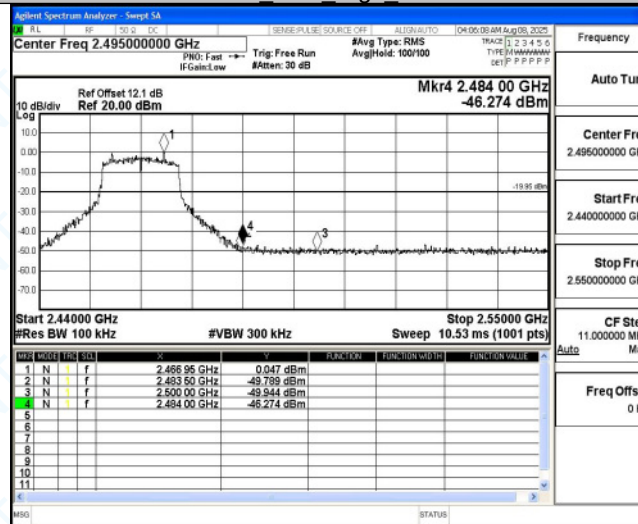


11G\_Ant2\_Low\_2412

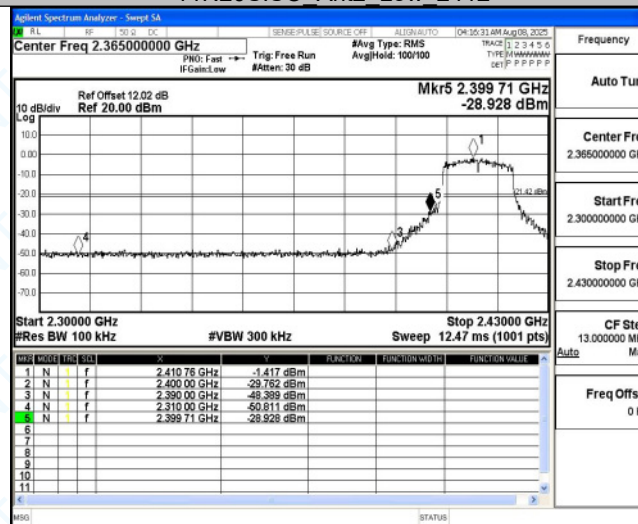




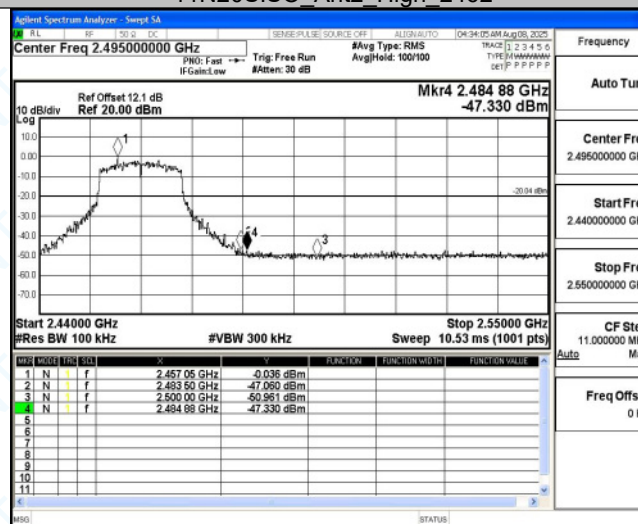
## 11G\_Ant2\_High\_2462



## 11N20SISO\_Ant2\_Low\_2412

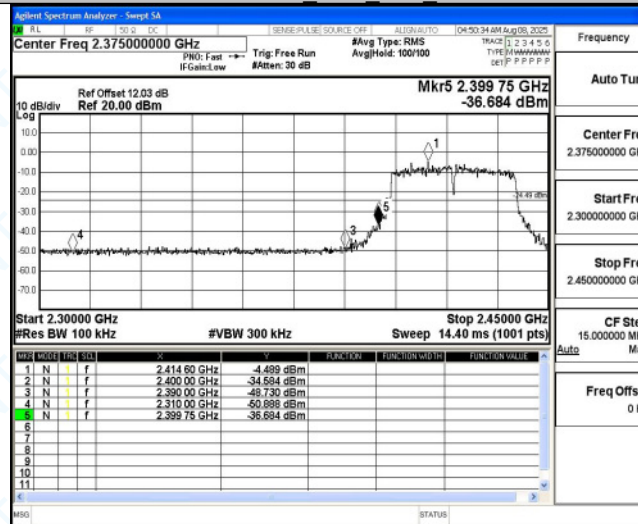


## 11N20SISO\_Ant2\_High\_2462

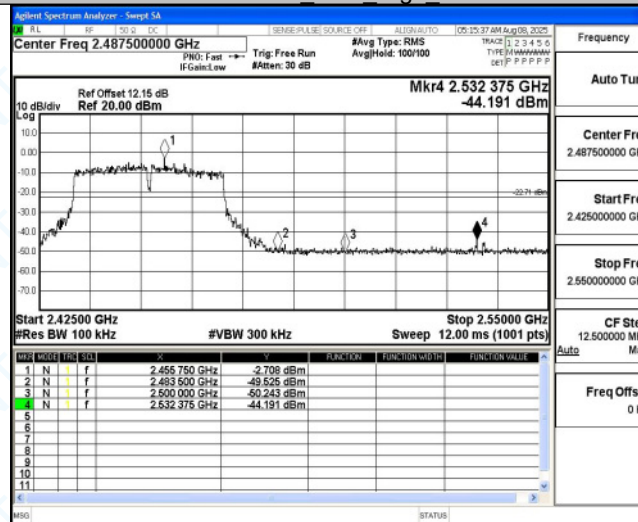




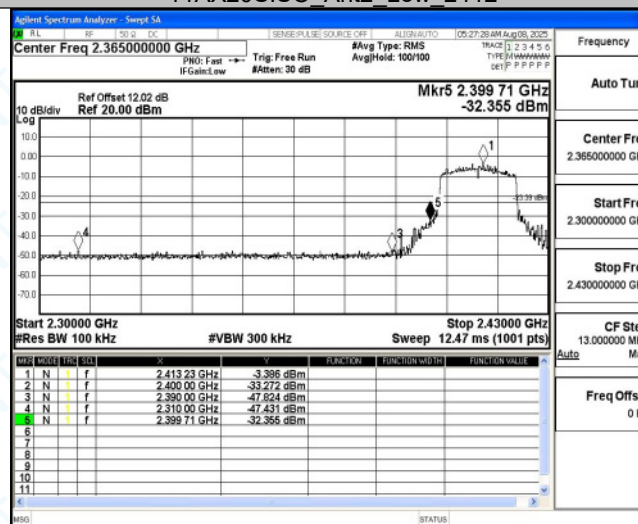
## 11N40SISO Ant2 Low 2422



## 11N40SISO Ant2 High 2452

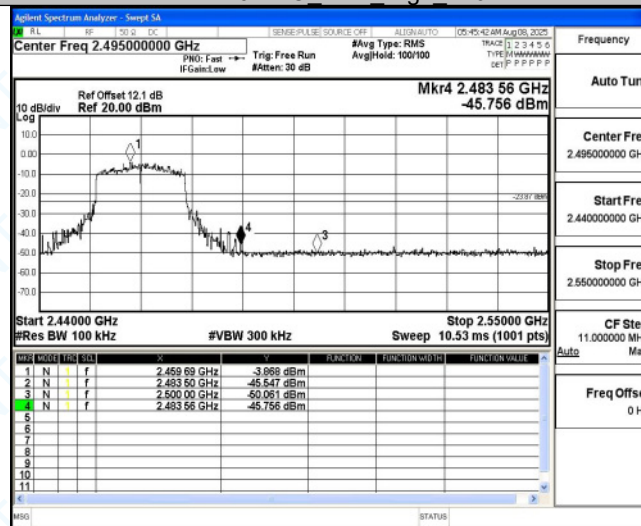


## 11AX20SISO Ant2 Low 2412

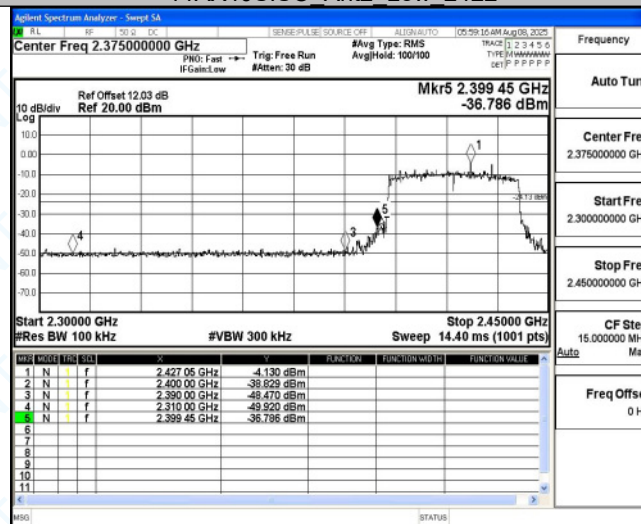




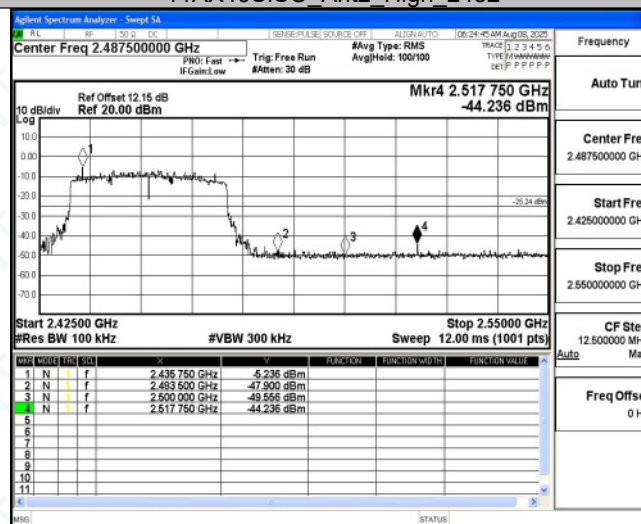
## 11AX20SISO Ant2 High 2462



## 11AX40SISO Ant2 Low 2422



## 11AX40SISO Ant2 High 2452





## Appendix F: Conducted Spurious Emission

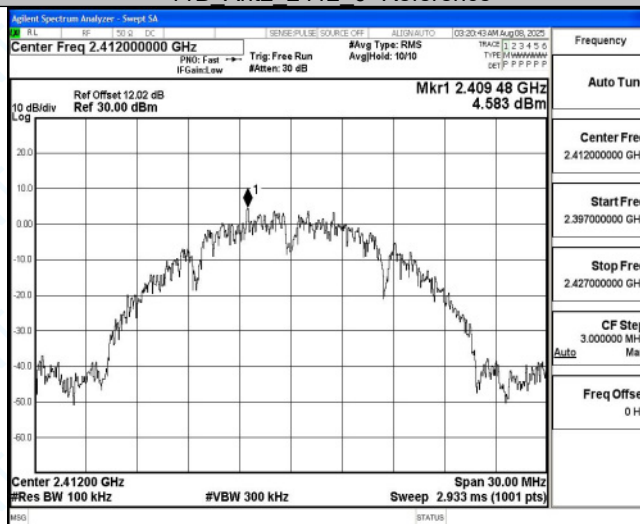
### Test Result

| TestMode   | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm]   | Verdict |
|------------|---------|----------------|-----------------|----------------|--------------|---------------|---------|
| 11B        | Ant2    | 2412           | Reference       | 4.58           | 4.58         | ---           | PASS    |
|            |         |                | 30~1000         | 4.58           | -58.38       | $\leq -15.42$ | PASS    |
|            |         |                | 1000~26500      | 4.58           | -33.36       | $\leq -15.42$ | PASS    |
|            |         | 2437           | Reference       | 3.85           | 3.85         | ---           | PASS    |
|            |         |                | 30~1000         | 3.85           | -57.59       | $\leq -16.15$ | PASS    |
|            |         |                | 1000~26500      | 3.85           | -33.87       | $\leq -16.15$ | PASS    |
|            |         | 2462           | Reference       | 4.20           | 4.20         | ---           | PASS    |
|            |         |                | 30~1000         | 4.20           | -56.94       | $\leq -15.8$  | PASS    |
|            |         |                | 1000~26500      | 4.20           | -35.84       | $\leq -15.8$  | PASS    |
| 11G        | Ant2    | 2412           | Reference       | 2.48           | 2.48         | ---           | PASS    |
|            |         |                | 30~1000         | 2.48           | -58.93       | $\leq -17.52$ | PASS    |
|            |         |                | 1000~26500      | 2.48           | -40.4        | $\leq -17.52$ | PASS    |
|            |         | 2437           | Reference       | 4.54           | 4.54         | ---           | PASS    |
|            |         |                | 30~1000         | 4.54           | -59.38       | $\leq -21.83$ | PASS    |
|            |         |                | 1000~26500      | 4.54           | -36.18       | $\leq -21.83$ | PASS    |
|            |         | 2462           | Reference       | 2.20           | 2.20         | ---           | PASS    |
|            |         |                | 30~1000         | 2.20           | -58.56       | $\leq -24.25$ | PASS    |
|            |         |                | 1000~26500      | 2.20           | -43.94       | $\leq -24.25$ | PASS    |
| 11N20SISO  | Ant2    | 2412           | Reference       | -3.05          | -3.05        | ---           | PASS    |
|            |         |                | 30~1000         | -3.05          | -58.86       | $\leq -23.05$ | PASS    |
|            |         |                | 1000~26500      | -3.05          | -35.83       | $\leq -23.05$ | PASS    |
|            |         | 2437           | Reference       | 2.50           | 2.50         | ---           | PASS    |
|            |         |                | 30~1000         | 2.50           | -58.94       | $\leq -20.41$ | PASS    |
|            |         |                | 1000~26500      | 2.50           | -33.81       | $\leq -20.41$ | PASS    |
|            |         | 2462           | Reference       | 4.25           | 4.25         | ---           | PASS    |
|            |         |                | 30~1000         | 4.25           | -58.16       | $\leq -23.38$ | PASS    |
|            |         |                | 1000~26500      | 4.25           | -33.3        | $\leq -23.38$ | PASS    |
| 11N40SISO  | Ant2    | 2422           | Reference       | -1.45          | -1.45        | ---           | PASS    |
|            |         |                | 30~1000         | -1.45          | -59.28       | $\leq -26.15$ | PASS    |
|            |         |                | 1000~26500      | -1.45          | -34.29       | $\leq -26.15$ | PASS    |
|            |         | 2437           | Reference       | -4.08          | -4.08        | ---           | PASS    |
|            |         |                | 30~1000         | -4.08          | -59.15       | $\leq -24.08$ | PASS    |
|            |         |                | 1000~26500      | -4.08          | -48.54       | $\leq -24.08$ | PASS    |
|            |         | 2452           | Reference       | -2.46          | -2.46        | ---           | PASS    |
|            |         |                | 30~1000         | -2.46          | -59          | $\leq -22.46$ | PASS    |
|            |         |                | 1000~26500      | -2.46          | -44.54       | $\leq -22.46$ | PASS    |
| 11AX20SISO | Ant2    | 2412           | Reference       | 3.61           | 3.61         | ---           | PASS    |
|            |         |                | 30~1000         | 3.61           | -59.31       | $\leq -25.06$ | PASS    |
|            |         |                | 1000~26500      | 3.61           | -46.61       | $\leq -25.06$ | PASS    |
|            |         | 2437           | Reference       | 0.08           | 0.08         | ---           | PASS    |
|            |         |                | 30~1000         | 0.08           | -58.99       | $\leq -19.92$ | PASS    |
|            |         |                | 1000~26500      | 0.08           | -29.71       | $\leq -19.92$ | PASS    |
|            |         | 2462           | Reference       | -3.41          | -3.41        | ---           | PASS    |
|            |         |                | 30~1000         | -3.41          | -58.22       | $\leq -23.41$ | PASS    |
|            |         |                | 1000~26500      | -3.41          | -27.65       | $\leq -23.41$ | PASS    |
| 11AX40SISO | Ant2    | 2422           | Reference       | -4.49          | -4.49        | ---           | PASS    |
|            |         |                | 30~1000         | -4.49          | -58.16       | $\leq -24.49$ | PASS    |
|            |         |                | 1000~26500      | -4.49          | -28.25       | $\leq -24.49$ | PASS    |
|            |         | 2437           | Reference       | -3.53          | -3.53        | ---           | PASS    |
|            |         |                | 30~1000         | -3.53          | -58.74       | $\leq -23.53$ | PASS    |
|            |         |                | 1000~26500      | -3.53          | -47.01       | $\leq -23.53$ | PASS    |
|            |         | 2452           | Reference       | -3.52          | -3.52        | ---           | PASS    |
|            |         |                | 30~1000         | -3.52          | -58.23       | $\leq -23.52$ | PASS    |
|            |         |                | 1000~26500      | -3.52          | -24.58       | $\leq -23.52$ | PASS    |

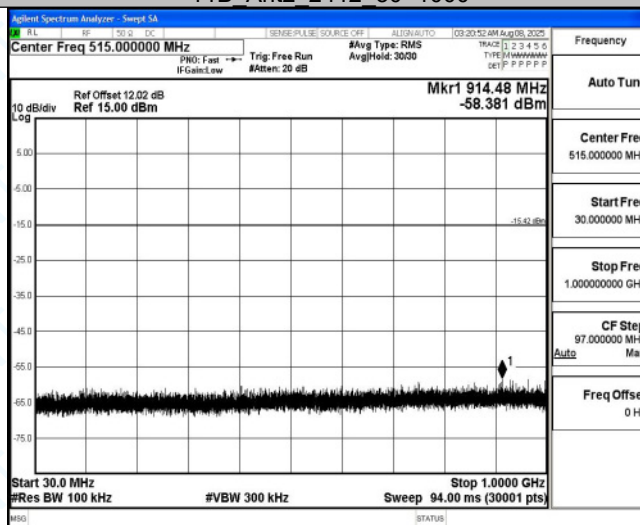


## Test Graphs

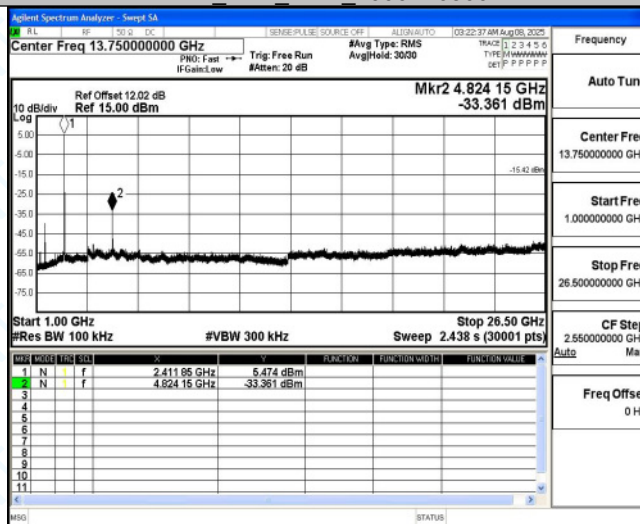
11B\_Ant2\_2412\_0~Reference



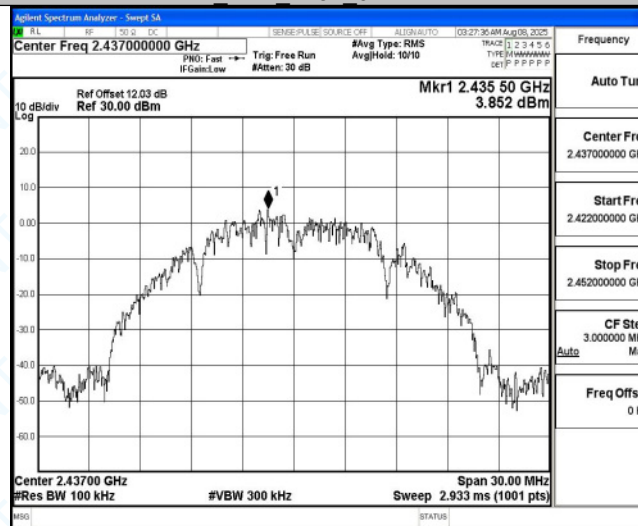
11B\_Ant2\_2412\_30~1000



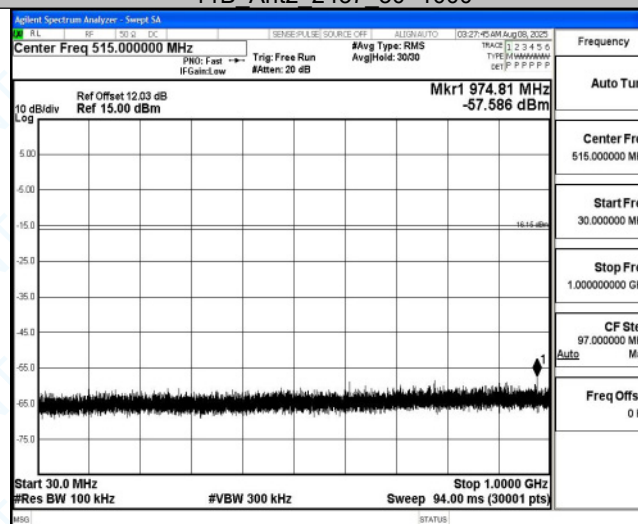
11B\_Ant2\_2412\_1000~26500



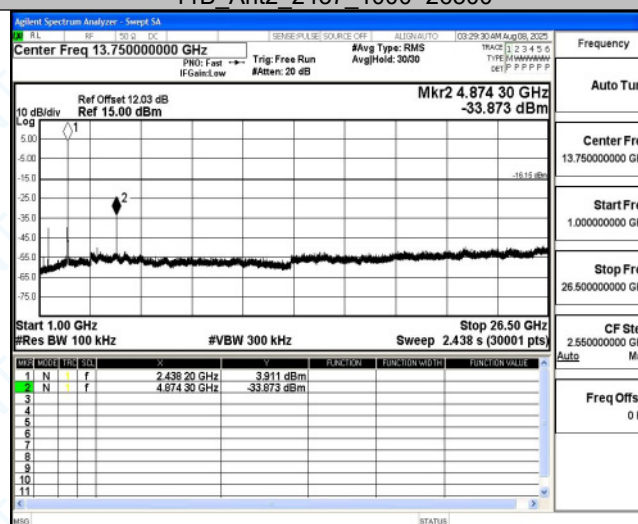
11B\_Ant2\_2437\_0~Reference



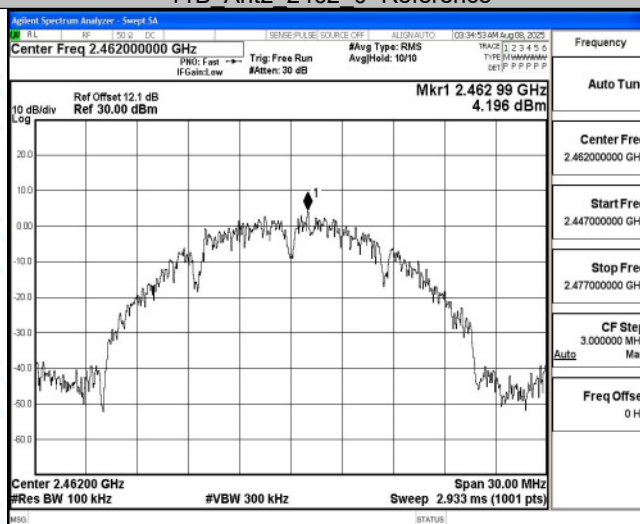
11B\_Ant2\_2437\_30~1000



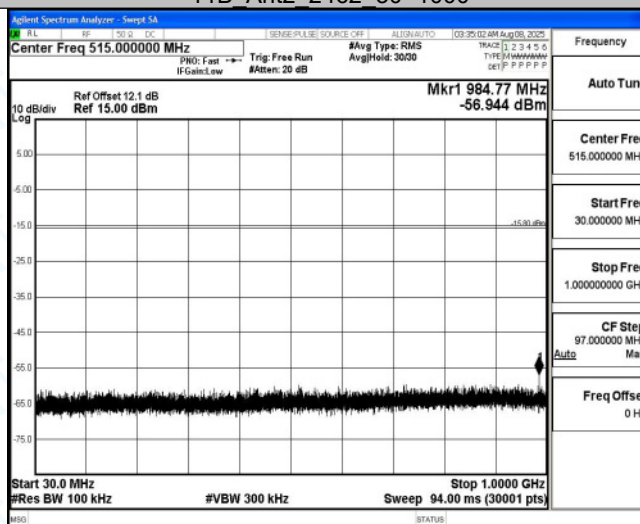
11B Ant2 2437 1000~26500



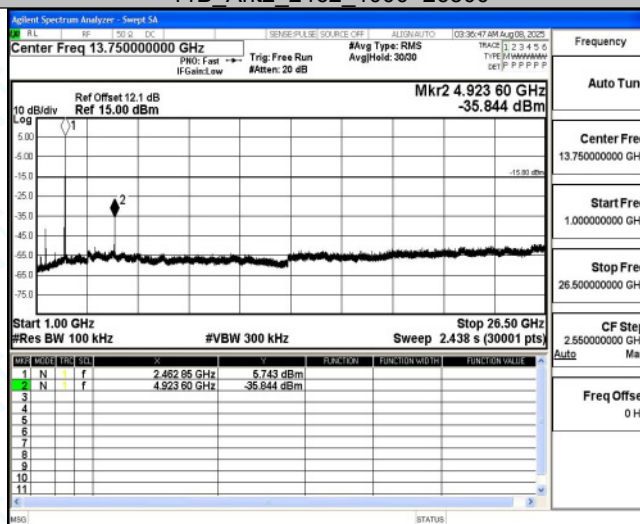
11B Ant2 2462 0~Reference



11B Ant2 2462 30~1000

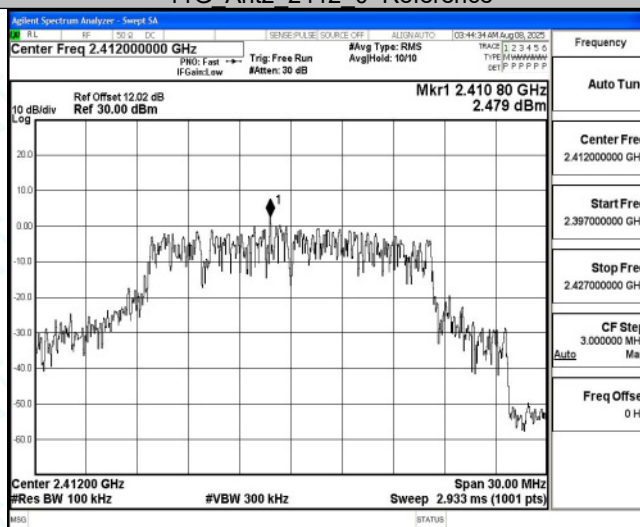


11B Ant2 2462 1000~26500

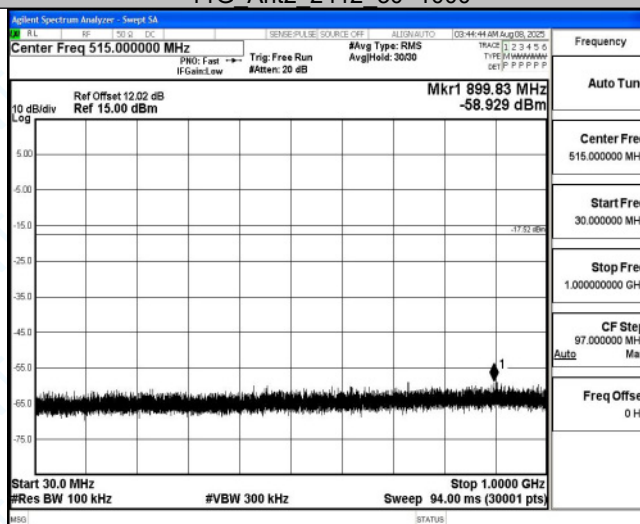




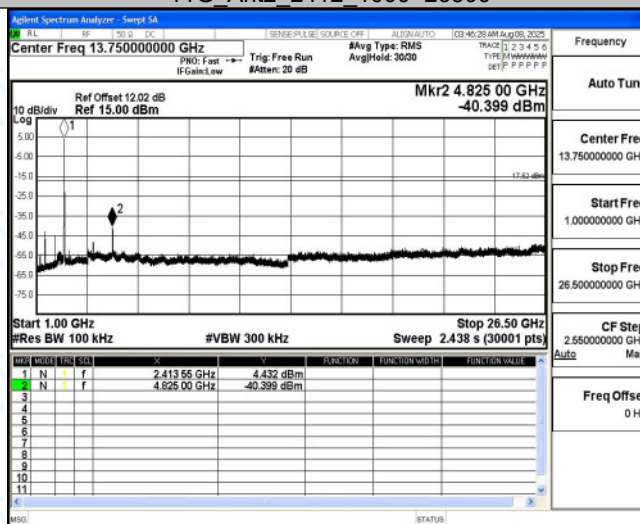
## 11G\_Ant2\_2412\_0~Reference



## 11G\_Ant2\_2412\_30~1000

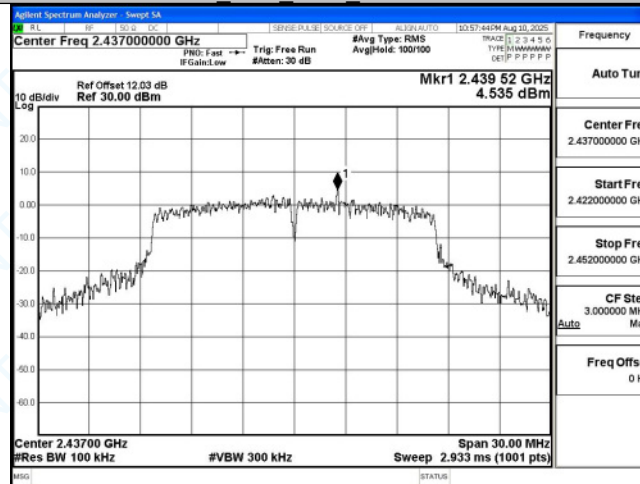


## 11G\_Ant2\_2412\_1000~26500

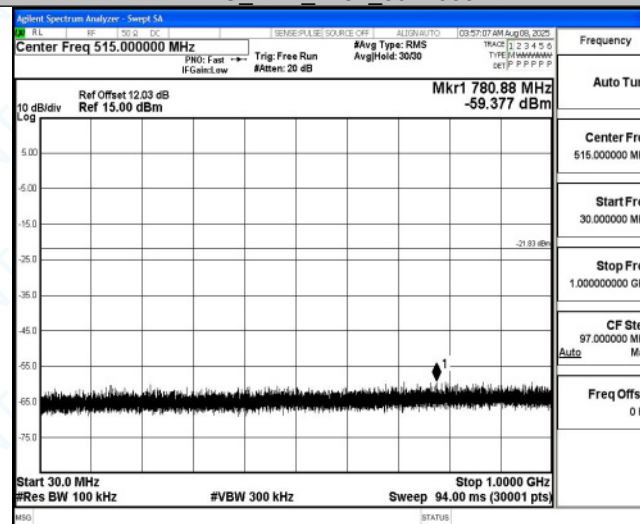




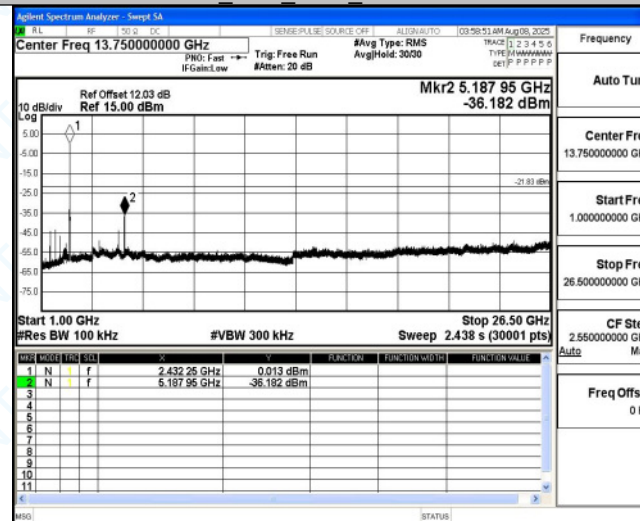
## 11G\_Ant2\_2437\_0~Reference



## 11G\_Ant2\_2437\_30~1000

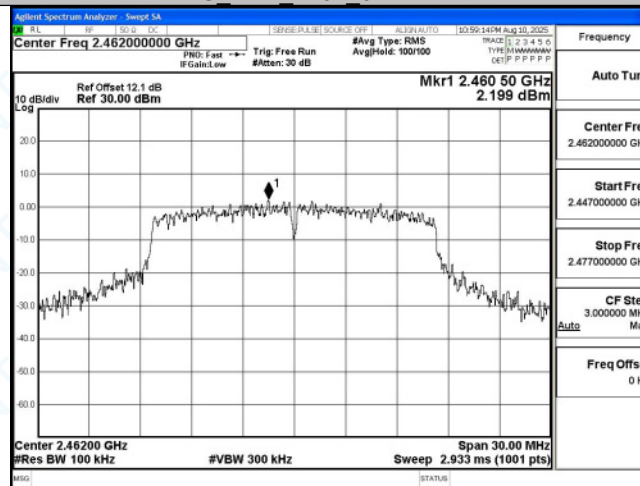


## 11G\_Ant2\_2437\_1000~26500

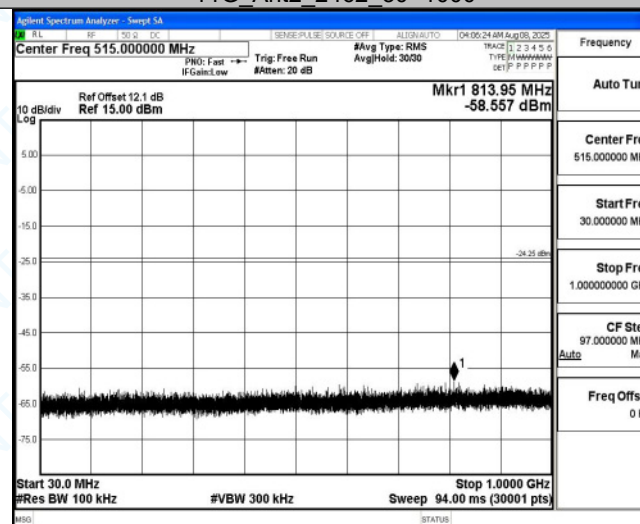




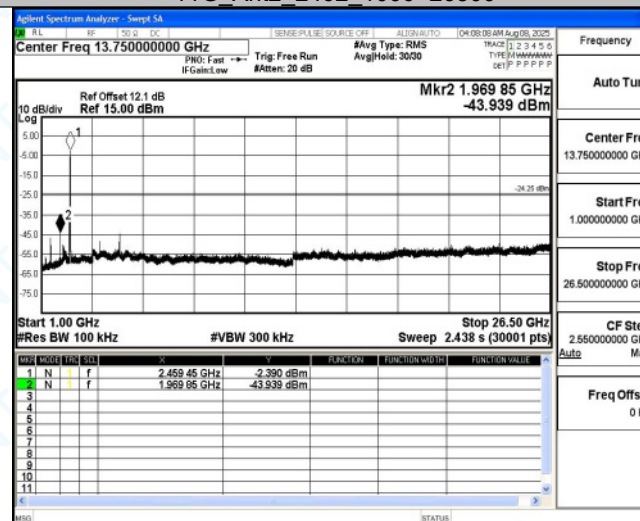
## 11G\_Ant2\_2462\_0~Reference



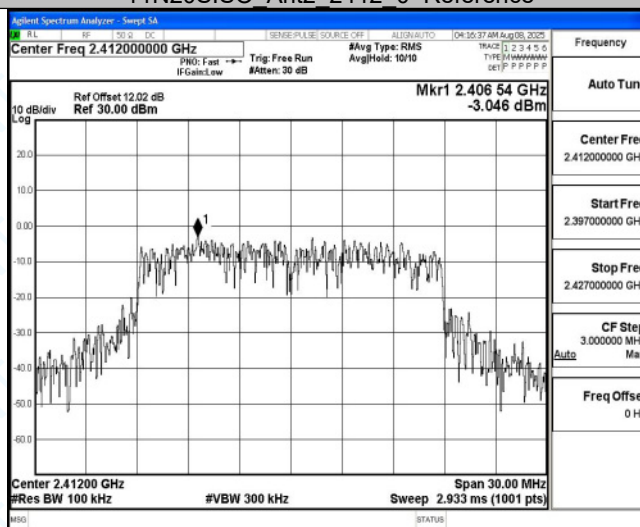
## 11G\_Ant2\_2462\_30~1000



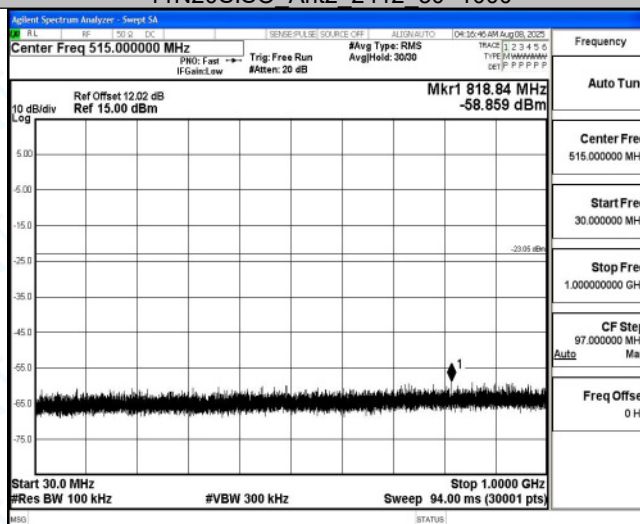
## 11G\_Ant2\_2462\_1000~26500



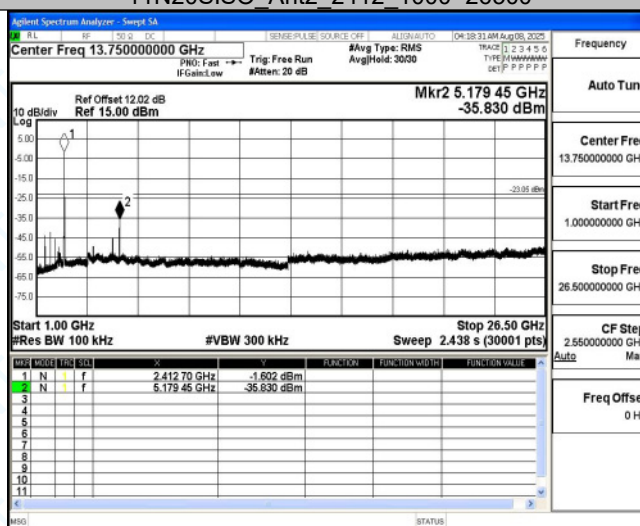
11N20SISO Ant2 2412 0~Reference



11N20SISO Ant2 2412 30~1000

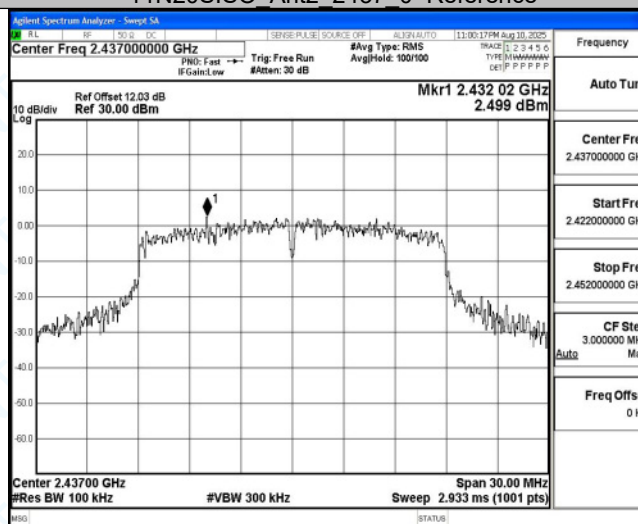


11N20SISO Ant2 2412 1000~26500

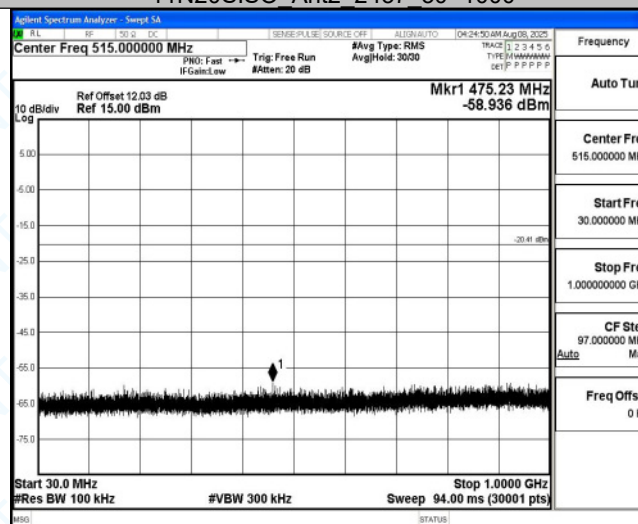




## 11N20SISO Ant2 2437 0~Reference



## 11N20SISO Ant2 2437 30~1000



## 11N20SISO Ant2 2437 1000~26500

