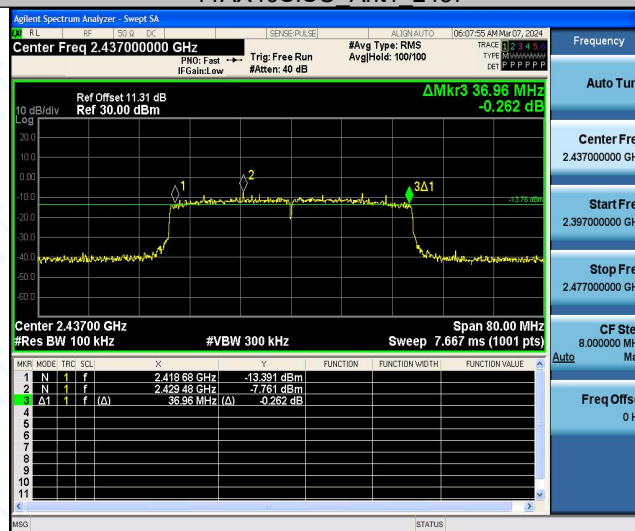




## 11AX40SISO Ant1 2422



## 11AX40SISO Ant1 2437



## 11AX40SISO Ant1 2452





## Appendix C: Maximum conducted output power

### Test Result

| Test Mode  | Antenna | Freq(MHz) | Power [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-------------|-------------|---------|
| 11B        | Ant1    | 2412      | 14.30       | ≤30.00      | PASS    |
|            |         | 2437      | 14.07       | ≤30.00      | PASS    |
|            |         | 2462      | 13.62       | ≤30.00      | PASS    |
| 11G        | Ant1    | 2412      | 13.71       | ≤30.00      | PASS    |
|            |         | 2437      | 13.40       | ≤30.00      | PASS    |
|            |         | 2462      | 13.14       | ≤30.00      | PASS    |
| 11N20SISO  | Ant1    | 2412      | 15.08       | ≤30.00      | PASS    |
|            |         | 2437      | 14.34       | ≤30.00      | PASS    |
|            |         | 2462      | 12.95       | ≤30.00      | PASS    |
| 11N40SISO  | Ant1    | 2422      | 14.10       | ≤30.00      | PASS    |
|            |         | 2437      | 13.82       | ≤30.00      | PASS    |
|            |         | 2452      | 12.48       | ≤30.00      | PASS    |
| 11AX20SISO | Ant1    | 2412      | 15.55       | ≤30.00      | PASS    |
|            |         | 2437      | 14.98       | ≤30.00      | PASS    |
|            |         | 2462      | 13.60       | ≤30.00      | PASS    |
| 11AX40SISO | Ant1    | 2422      | 14.56       | ≤30.00      | PASS    |
|            |         | 2437      | 14.34       | ≤30.00      | PASS    |
|            |         | 2452      | 13.07       | ≤30.00      | PASS    |



## Appendix D: Maximum power spectral density

### Test Result

| Test Mode  | Antenna | Freq(MHz) | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|-----------|----------------------|-----------------|---------|
| 11B        | Ant1    | 2412      | -9.24                | ≤8.00           | PASS    |
|            |         | 2437      | -9.47                | ≤8.00           | PASS    |
|            |         | 2462      | -10.39               | ≤8.00           | PASS    |
| 11G        | Ant1    | 2412      | -19.01               | ≤8.00           | PASS    |
|            |         | 2437      | -18.6                | ≤8.00           | PASS    |
|            |         | 2462      | -18.53               | ≤8.00           | PASS    |
| 11N20SISO  | Ant1    | 2412      | -16.73               | ≤8.00           | PASS    |
|            |         | 2437      | -18.06               | ≤8.00           | PASS    |
|            |         | 2462      | -18.7                | ≤8.00           | PASS    |
| 11N40SISO  | Ant1    | 2422      | -19.23               | ≤8.00           | PASS    |
|            |         | 2437      | -19.67               | ≤8.00           | PASS    |
|            |         | 2452      | -21.59               | ≤8.00           | PASS    |
| 11AX20SISO | Ant1    | 2412      | -15.9                | ≤8.00           | PASS    |
|            |         | 2437      | -18.43               | ≤8.00           | PASS    |
|            |         | 2462      | -19.02               | ≤8.00           | PASS    |
| 11AX40SISO | Ant1    | 2422      | -20.56               | ≤8.00           | PASS    |
|            |         | 2437      | -21.56               | ≤8.00           | PASS    |
|            |         | 2452      | -20.91               | ≤8.00           | PASS    |



## Test Graphs

11B Ant1 2412



11B Ant1 2437

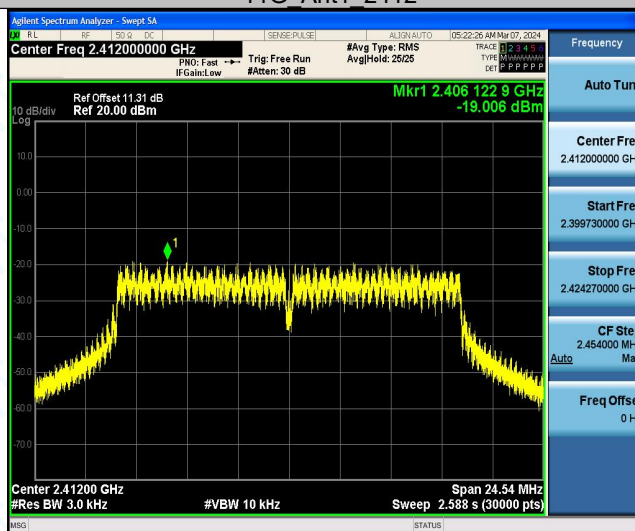


11B Ant1 2462

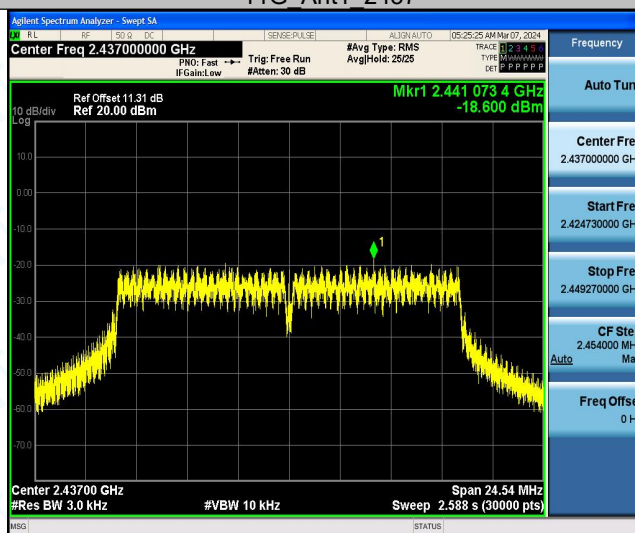




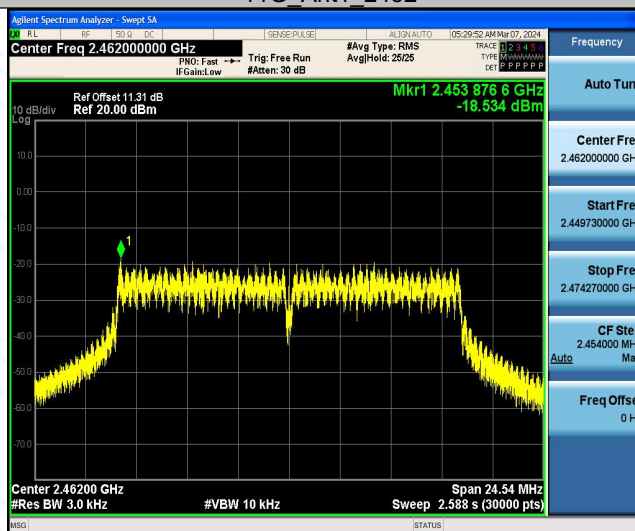
## 11G Ant1 2412



## 11G Ant1 2437



## 11G Ant1 2462

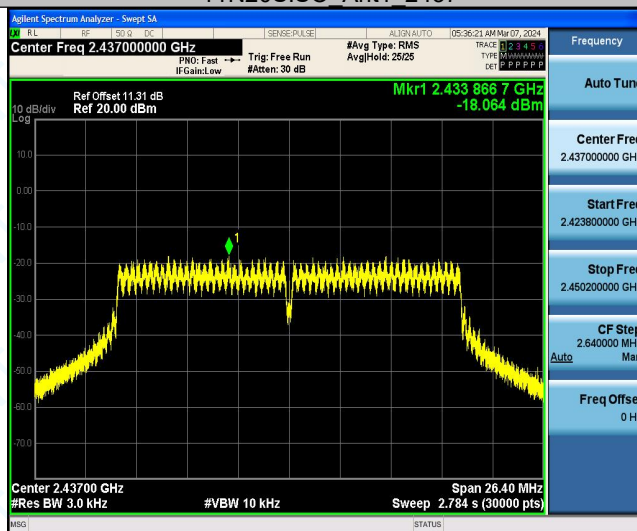




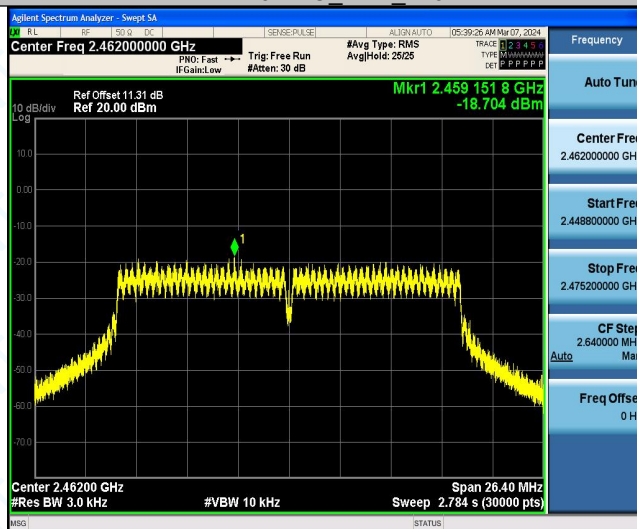
## 11N20SISO Ant1 2412



## 11N20SISO Ant1 2437

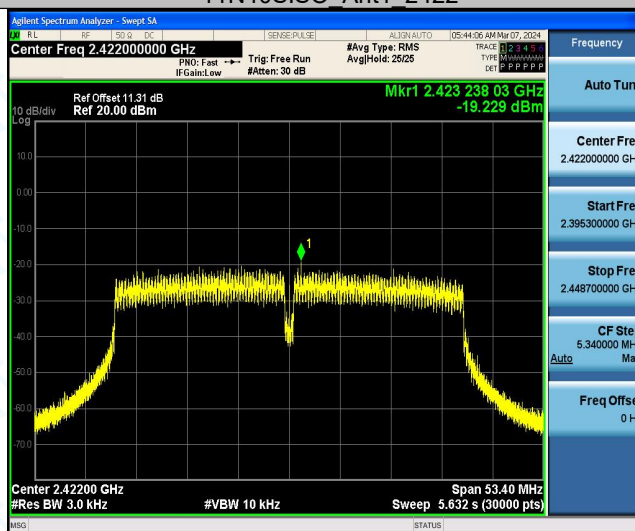


## 11N20SISO Ant1 2462

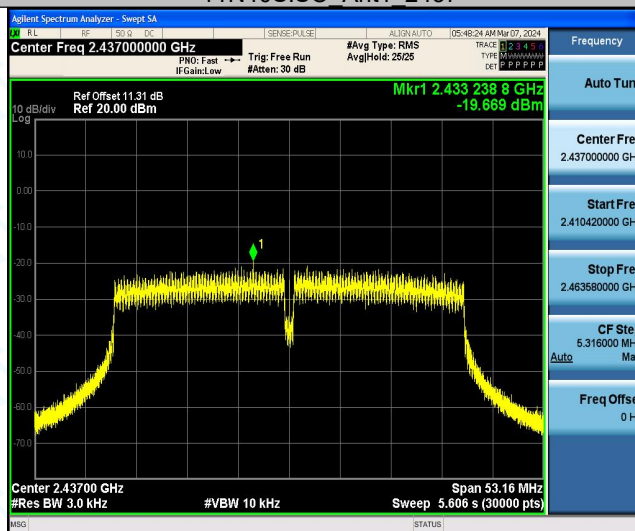




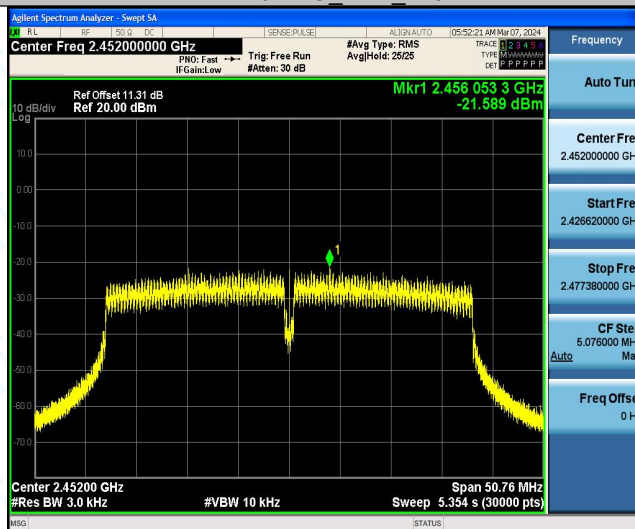
## 11N40SISO Ant1 2422



## 11N40SISO Ant1 2437



## 11N40SISO Ant1 2452

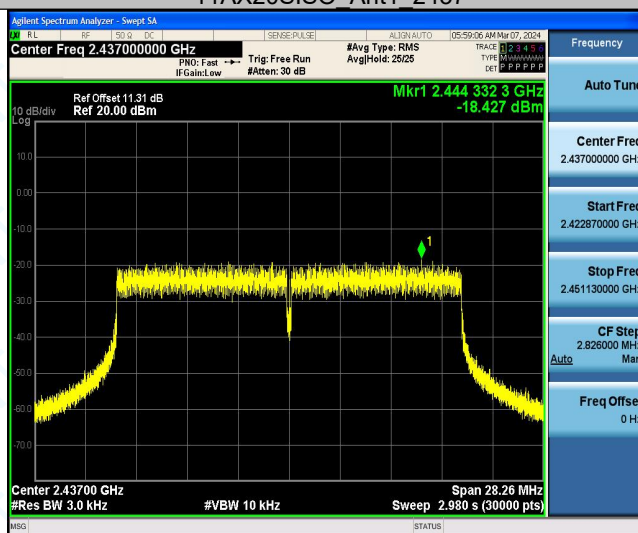




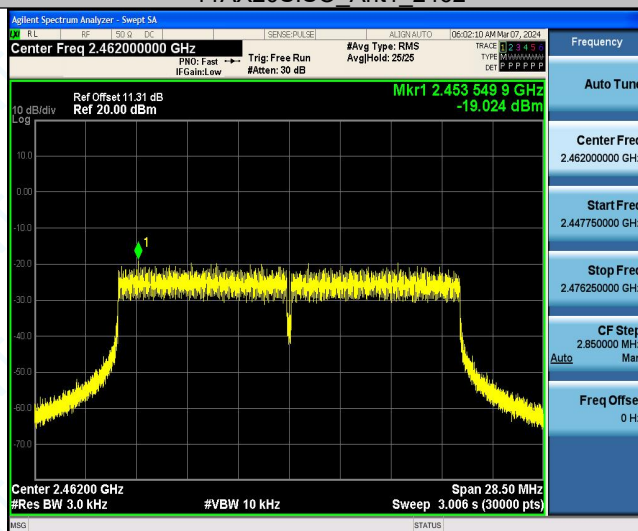
## 11AX20SISO Ant1 2412



## 11AX20SISO Ant1 2437

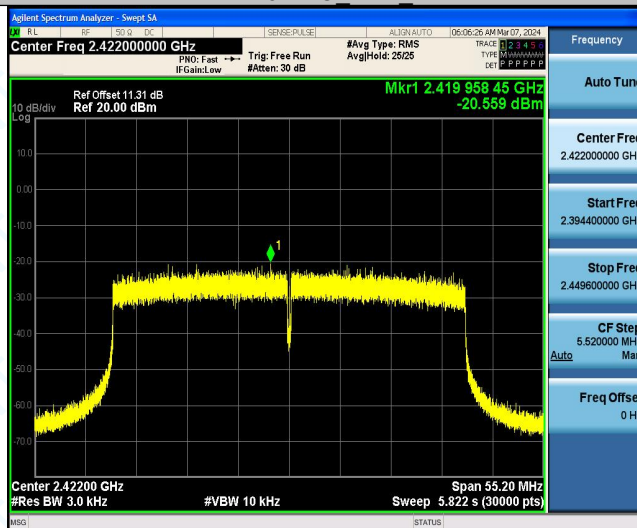


## 11AX20SISO Ant1 2462

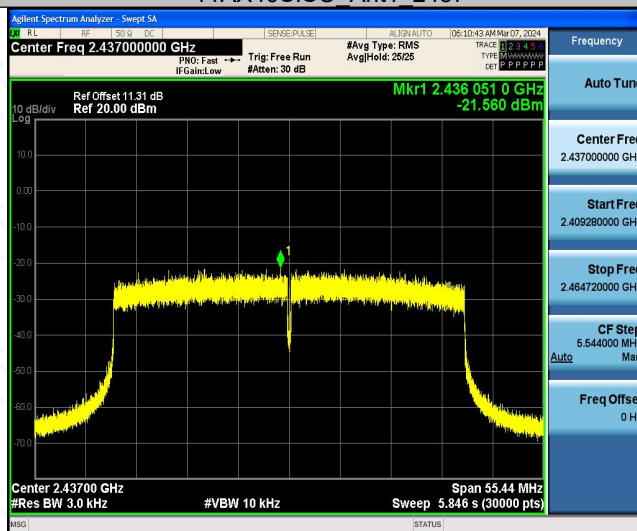




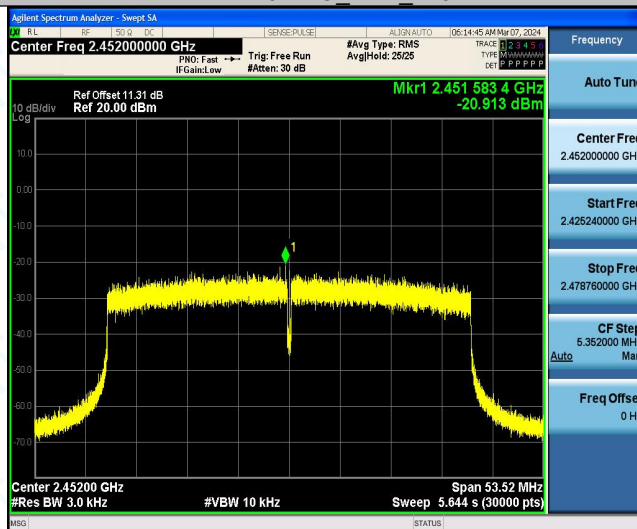
## 11AX40SISO Ant1 2422



## 11AX40SISO Ant1 2437



## 11AX40SISO Ant1 2452





## Appendix E: Band edge measurements

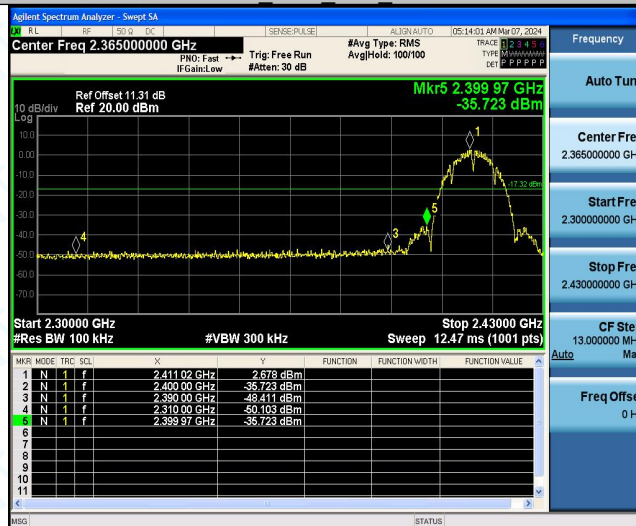
### Test Result

| Test Mode  | Antenna | ChName | Freq (MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|------------|---------|--------|------------|---------------|-------------|---------------|---------|
| 11B        | Ant1    | Low    | 2412       | 2.68          | -35.72      | $\leq -17.32$ | PASS    |
|            |         | High   | 2462       | 2.02          | -47.03      | $\leq -17.98$ | PASS    |
| 11G        | Ant1    | Low    | 2412       | -4.54         | -36.37      | $\leq -24.54$ | PASS    |
|            |         | High   | 2462       | -5.02         | -47.63      | $\leq -25.02$ | PASS    |
| 11N20SISO  | Ant1    | Low    | 2412       | -4.33         | -33.36      | $\leq -24.33$ | PASS    |
|            |         | High   | 2462       | -6.03         | -47.33      | $\leq -26.03$ | PASS    |
| 11N40SISO  | Ant1    | Low    | 2422       | -6.88         | -39.76      | $\leq -26.88$ | PASS    |
|            |         | High   | 2452       | -8.77         | -47.55      | $\leq -28.77$ | PASS    |
| 11AX20SISO | Ant1    | Low    | 2412       | -4.15         | -33.74      | $\leq -24.15$ | PASS    |
|            |         | High   | 2462       | -6.27         | -47.66      | $\leq -26.27$ | PASS    |
| 11AX40SISO | Ant1    | Low    | 2422       | -7.17         | -39.68      | $\leq -27.17$ | PASS    |
|            |         | High   | 2452       | -8.59         | -47.95      | $\leq -28.59$ | PASS    |

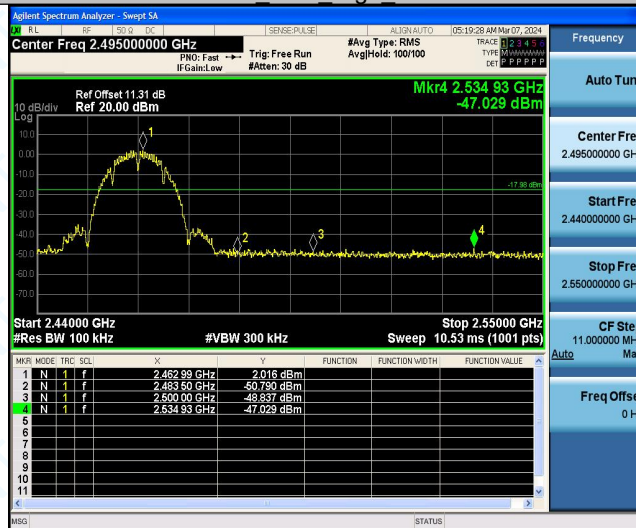


## Test Graphs

11B\_Ant1\_Low\_2412



11B\_Ant1\_High\_2462



11G\_Ant1\_Low\_2412

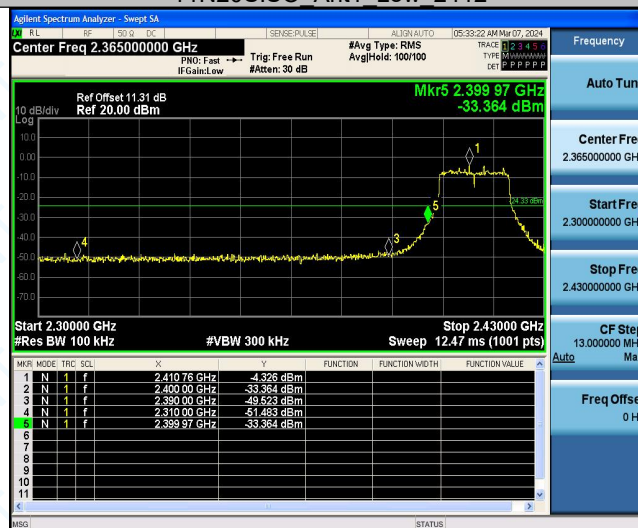




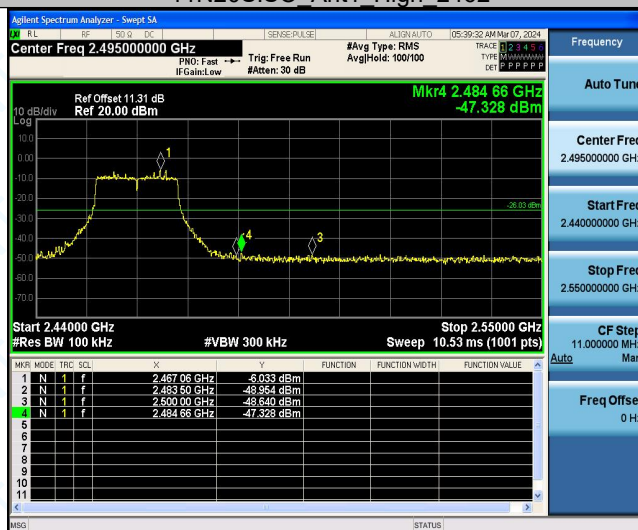
## 11G Ant1 High 2462



## 11N20SISO Ant1 Low 2412



## 11N20SISO Ant1 High 2462





## 11N40SISO Ant1 Low 2422



## 11N40SISO Ant1 High 2452

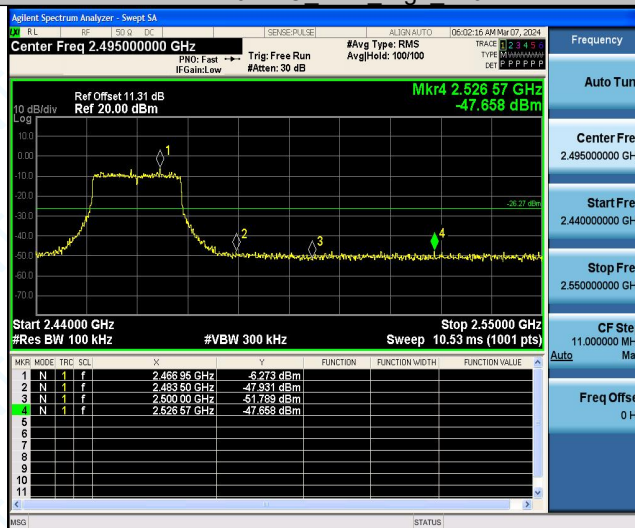


## 11AX20SISO Ant1 Low 2412





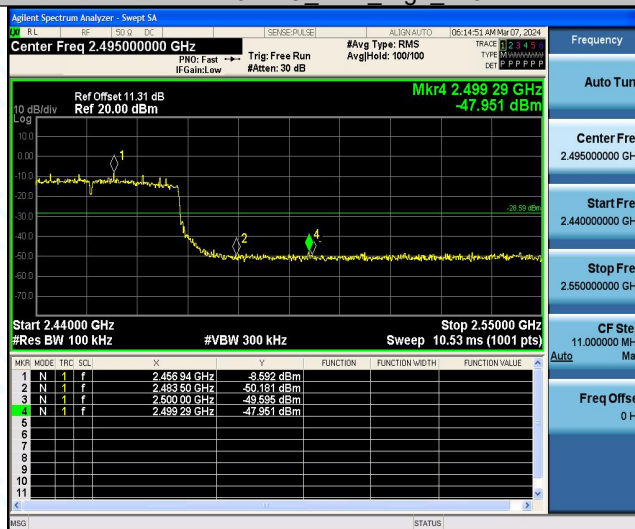
## 11AX20SISO Ant1 High 2462



## 11AX40SISO Ant1 Low 2422



## 11AX40SISO Ant1 High 2452





## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode  | Antenna | Freq(MHz) | FreqRange[Mhz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|------------|---------|-----------|----------------|---------------|-------------|---------------|---------|
| 11B        | Ant1    | 2412      | Reference      | 2.98          | 2.98        | ---           | PASS    |
|            |         |           | 30~1000        | 2.98          | -60.15      | $\leq -17.02$ | PASS    |
|            |         |           | 1000~26500     | 2.98          | -49.1       | $\leq -17.02$ | PASS    |
|            |         | 2437      | Reference      | 2.24          | 2.24        | ---           | PASS    |
|            |         |           | 30~1000        | 2.24          | -59.86      | $\leq -17.76$ | PASS    |
|            |         |           | 1000~26500     | 2.24          | -50.27      | $\leq -17.76$ | PASS    |
|            |         | 2462      | Reference      | 1.77          | 1.77        | ---           | PASS    |
|            |         |           | 30~1000        | 1.77          | -60.15      | $\leq -18.23$ | PASS    |
|            |         |           | 1000~26500     | 1.77          | -49.55      | $\leq -18.23$ | PASS    |
| 11G        | Ant1    | 2412      | Reference      | -4.52         | -4.52       | ---           | PASS    |
|            |         |           | 30~1000        | -4.52         | -58.36      | $\leq -24.52$ | PASS    |
|            |         |           | 1000~26500     | -4.52         | -50.17      | $\leq -24.52$ | PASS    |
|            |         | 2437      | Reference      | -4.94         | -4.94       | ---           | PASS    |
|            |         |           | 30~1000        | -4.94         | -59.55      | $\leq -24.94$ | PASS    |
|            |         |           | 1000~26500     | -4.94         | -50.25      | $\leq -24.94$ | PASS    |
|            |         | 2462      | Reference      | -5.28         | -5.28       | ---           | PASS    |
|            |         |           | 30~1000        | -5.28         | -60.16      | $\leq -25.28$ | PASS    |
|            |         |           | 1000~26500     | -5.28         | -49.95      | $\leq -25.28$ | PASS    |
| 11N20SISO  | Ant1    | 2412      | Reference      | -3.96         | -3.96       | ---           | PASS    |
|            |         |           | 30~1000        | -3.96         | -59.87      | $\leq -23.96$ | PASS    |
|            |         |           | 1000~26500     | -3.96         | -50.5       | $\leq -23.96$ | PASS    |
|            |         | 2437      | Reference      | -4.23         | -4.23       | ---           | PASS    |
|            |         |           | 30~1000        | -4.23         | -60.21      | $\leq -24.23$ | PASS    |
|            |         |           | 1000~26500     | -4.23         | -49.72      | $\leq -24.23$ | PASS    |
|            |         | 2462      | Reference      | -5.35         | -5.35       | ---           | PASS    |
|            |         |           | 30~1000        | -5.35         | -59.35      | $\leq -25.35$ | PASS    |
|            |         |           | 1000~26500     | -5.35         | -49.54      | $\leq -25.35$ | PASS    |
| 11N40SISO  | Ant1    | 2422      | Reference      | -7.24         | -7.24       | ---           | PASS    |
|            |         |           | 30~1000        | -7.24         | -59.19      | $\leq -27.24$ | PASS    |
|            |         |           | 1000~26500     | -7.24         | -50.25      | $\leq -27.24$ | PASS    |
|            |         | 2437      | Reference      | -7.49         | -7.49       | ---           | PASS    |
|            |         |           | 30~1000        | -7.49         | -58.77      | $\leq -27.49$ | PASS    |
|            |         |           | 1000~26500     | -7.49         | -50.18      | $\leq -27.49$ | PASS    |
|            |         | 2452      | Reference      | -8.70         | -8.70       | ---           | PASS    |
|            |         |           | 30~1000        | -8.70         | -58.94      | $\leq -28.7$  | PASS    |
|            |         |           | 1000~26500     | -8.70         | -49.96      | $\leq -28.7$  | PASS    |
| 11AX20SISO | Ant1    | 2412      | Reference      | -3.61         | -3.61       | ---           | PASS    |
|            |         |           | 30~1000        | -3.61         | -60.28      | $\leq -23.61$ | PASS    |
|            |         |           | 1000~26500     | -3.61         | -49.88      | $\leq -23.61$ | PASS    |
|            |         | 2437      | Reference      | -4.28         | -4.28       | ---           | PASS    |
|            |         |           | 30~1000        | -4.28         | -60.73      | $\leq -24.28$ | PASS    |
|            |         |           | 1000~26500     | -4.28         | -50.02      | $\leq -24.28$ | PASS    |
|            |         | 2462      | Reference      | -6.11         | -6.11       | ---           | PASS    |
|            |         |           | 30~1000        | -6.11         | -59.06      | $\leq -26.11$ | PASS    |
|            |         |           | 1000~26500     | -6.11         | -50.45      | $\leq -26.11$ | PASS    |
| 11AX40SISO | Ant1    | 2422      | Reference      | -7.11         | -7.11       | ---           | PASS    |
|            |         |           | 30~1000        | -7.11         | -56.94      | $\leq -27.11$ | PASS    |
|            |         |           | 1000~26500     | -7.11         | -49.61      | $\leq -27.11$ | PASS    |
|            |         | 2437      | Reference      | -7.31         | -7.31       | ---           | PASS    |
|            |         |           | 30~1000        | -7.31         | -59.42      | $\leq -27.31$ | PASS    |
|            |         |           | 1000~26500     | -7.31         | -50.48      | $\leq -27.31$ | PASS    |
|            |         | 2452      | Reference      | -8.39         | -8.39       | ---           | PASS    |
|            |         |           | 30~1000        | -8.39         | -56.9       | $\leq -28.39$ | PASS    |
|            |         |           | 1000~26500     | -8.39         | -49.87      | $\leq -28.39$ | PASS    |

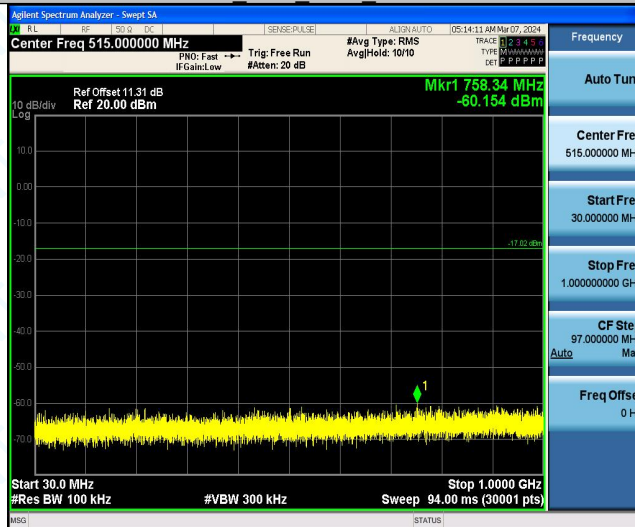


## Test Graphs

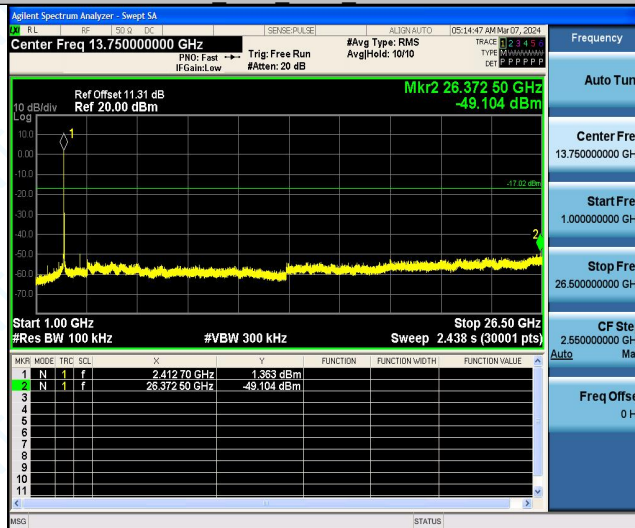
11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000



11B\_Ant1\_2412\_1000~26500

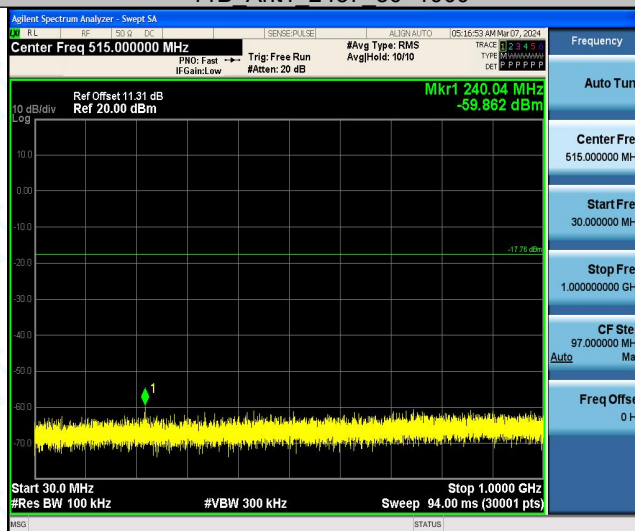




## 11B\_Ant1\_2437\_0~Reference



## 11B\_Ant1\_2437\_30~1000



## 11B\_Ant1\_2437\_1000~26500

