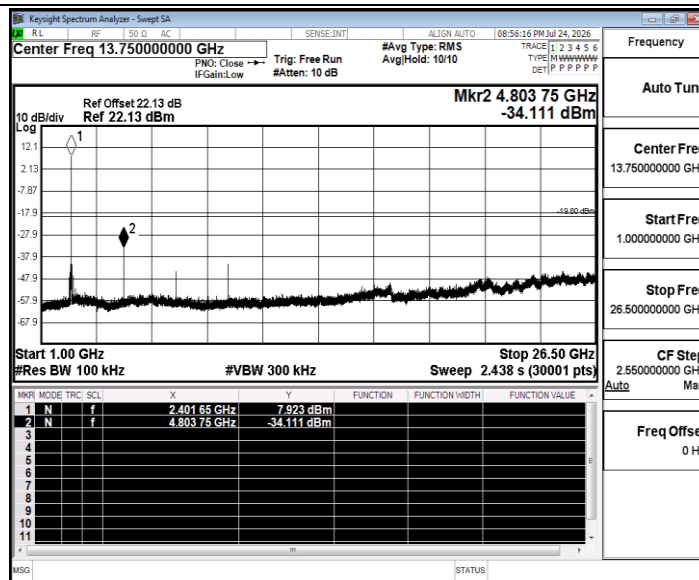
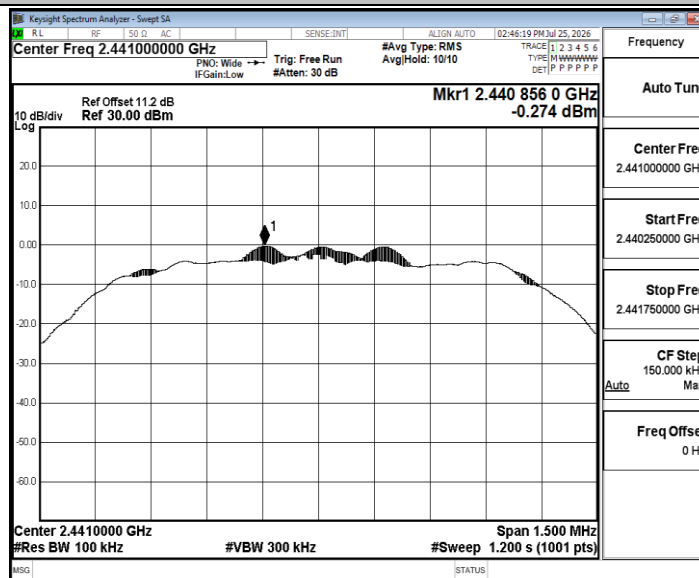
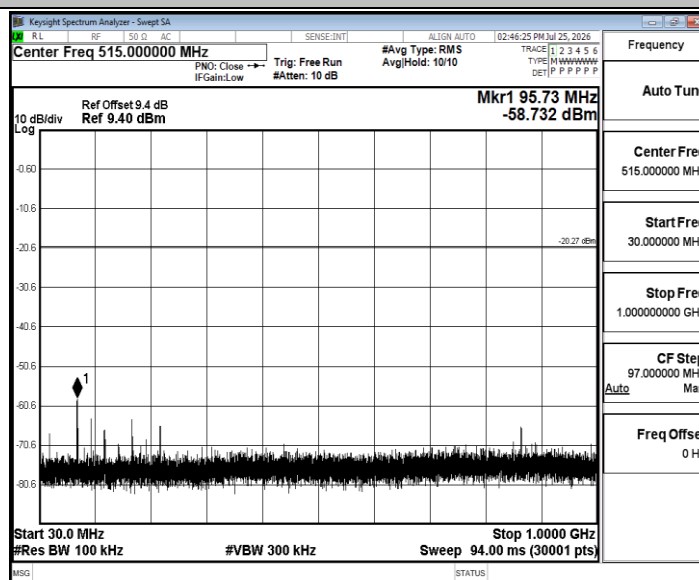




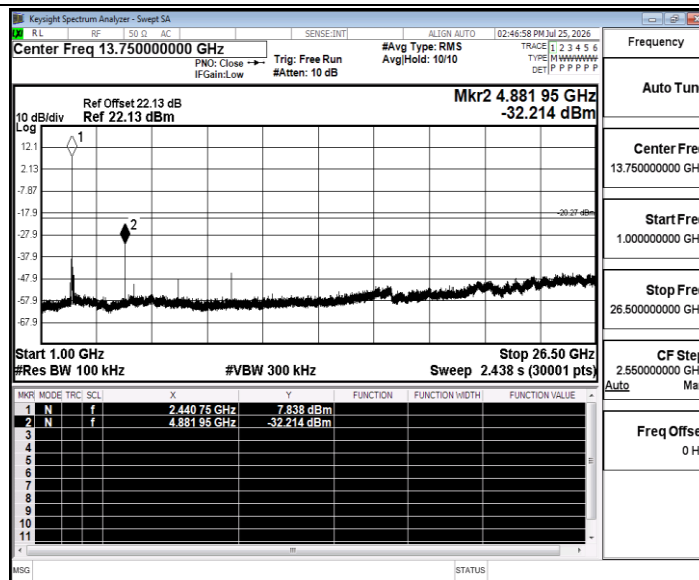
3DH5\_Ant1\_2441\_0~Reference



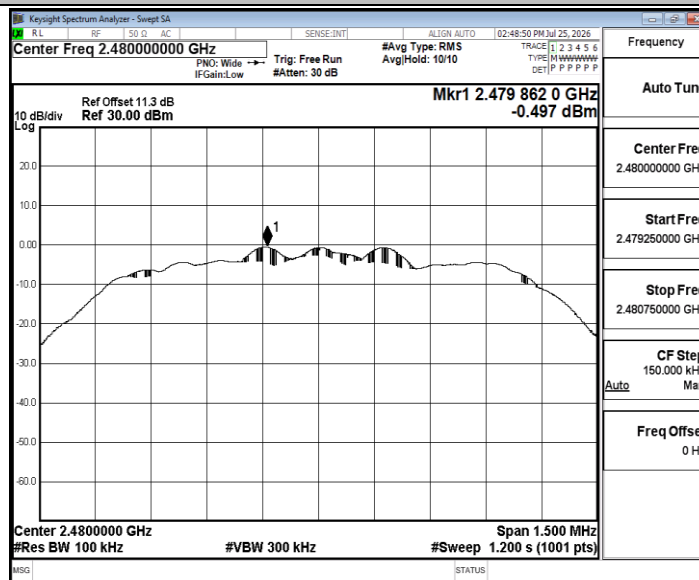
3DH5\_Ant1\_2441\_30~1000



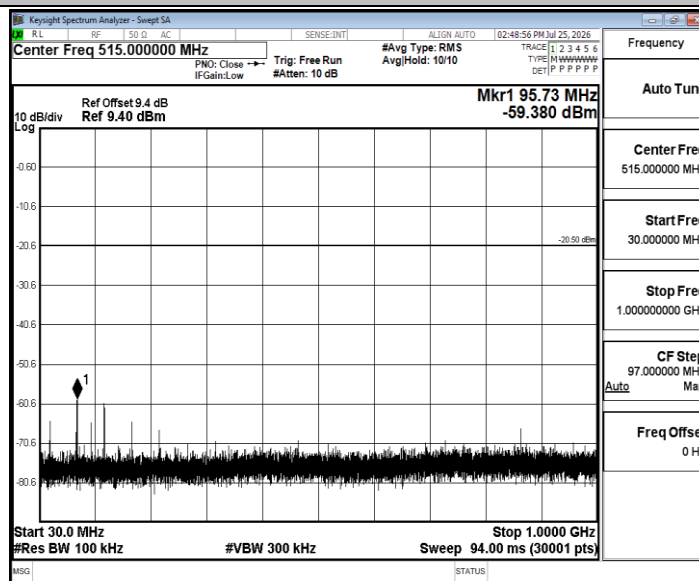
3DH5\_Ant1\_2441\_1000~26500



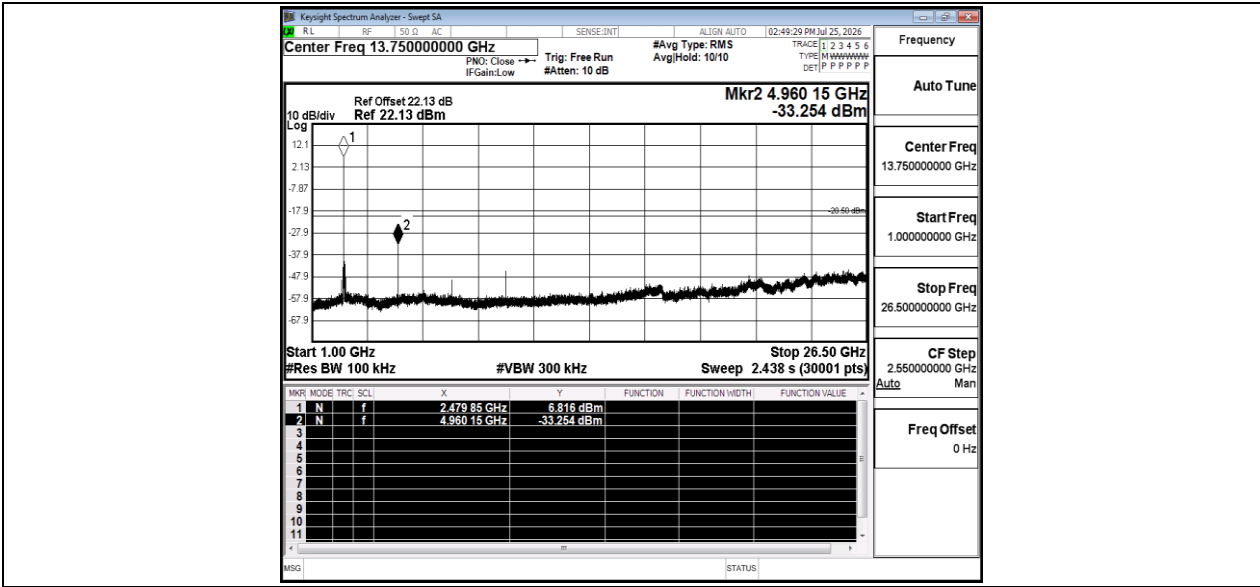
## 3DH5\_Ant1\_2480\_0~Reference



## 3DH5\_Ant1\_2480\_30~1000



## 3DH5\_Ant1\_2480\_1000~26500



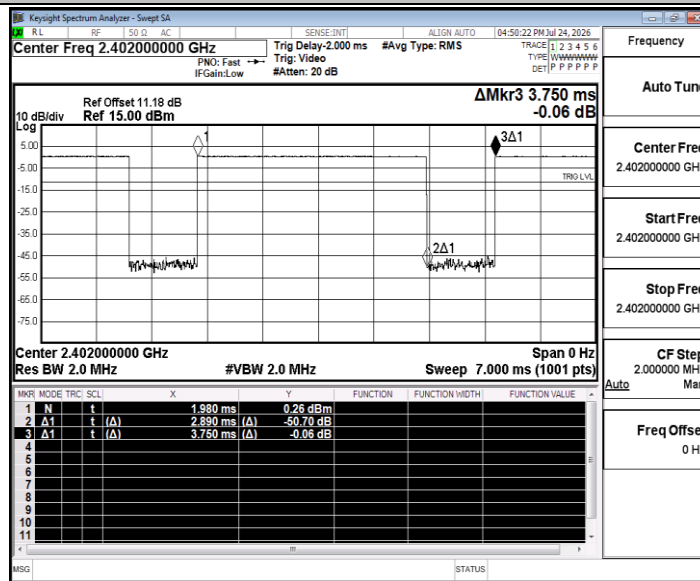
## A.8 Duty Cycle

### Test Result

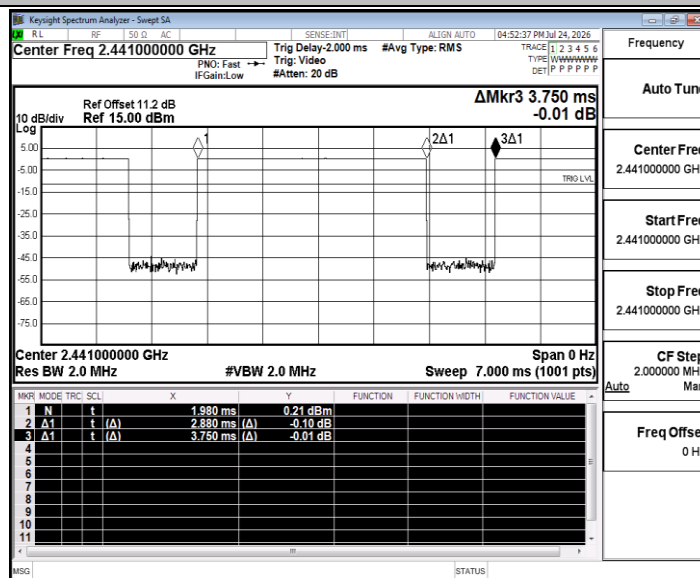
| TestMode | Antenna | Freq(MHz) | ON Time<br>[ms] | Period<br>[ms] | DC [%] | xFactor | Limit | Verdict |
|----------|---------|-----------|-----------------|----------------|--------|---------|-------|---------|
| DH5      | Ant1    | 2402      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2441      | 2.88            | 3.75           | 76.80  | 1.15    | ---   | ---     |
|          |         | 2480      | 2.88            | 3.75           | 76.80  | 1.15    | ---   | ---     |
| 2DH5     | Ant1    | 2402      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2441      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2480      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
| 3DH5     | Ant1    | 2402      | 2.88            | 3.74           | 77.01  | 1.13    | ---   | ---     |
|          |         | 2441      | 2.88            | 3.75           | 76.80  | 1.15    | ---   | ---     |
|          |         | 2480      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |

## Test Graphs

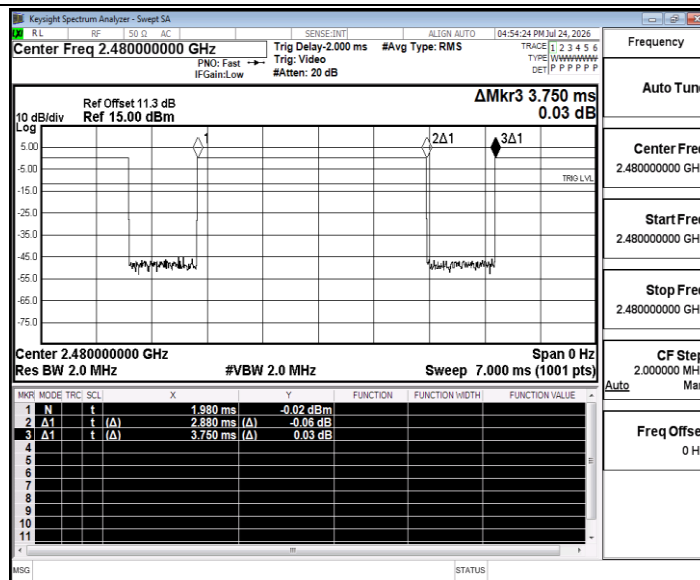
DH5\_Ant1\_2402



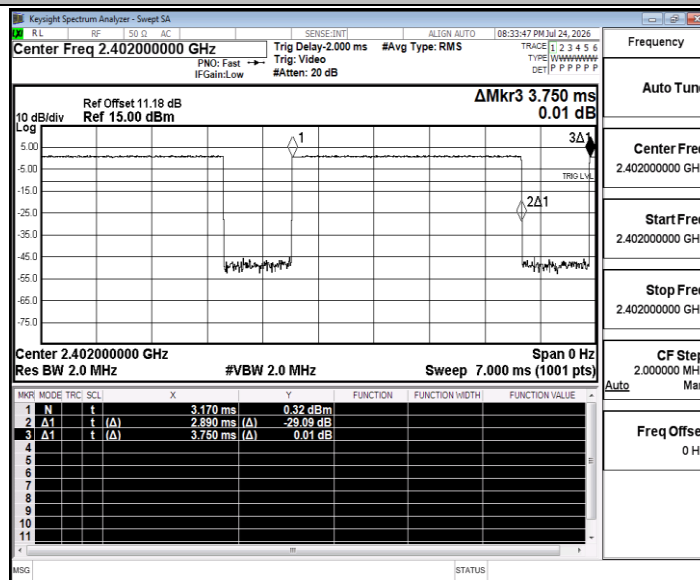
DH5\_Ant1\_2441



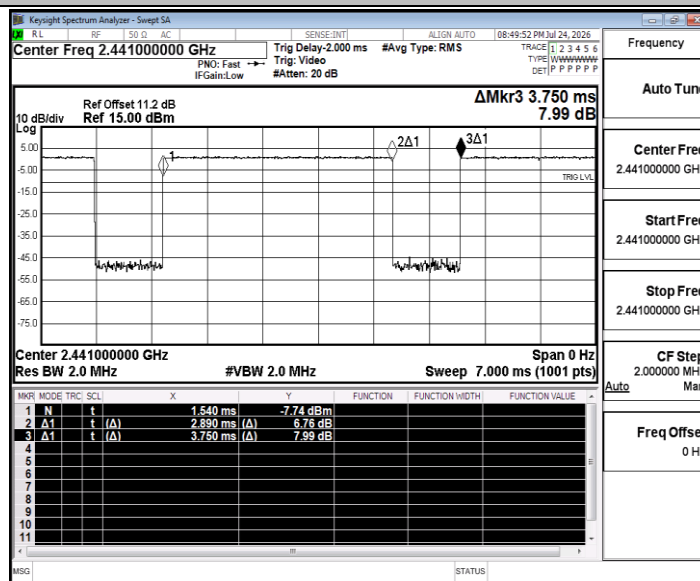
DH5\_Ant1\_2480



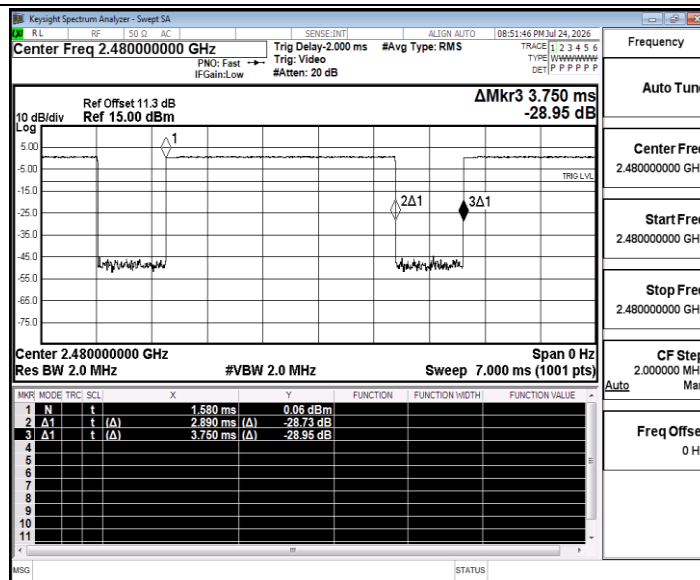
2DH5\_Ant1\_2402



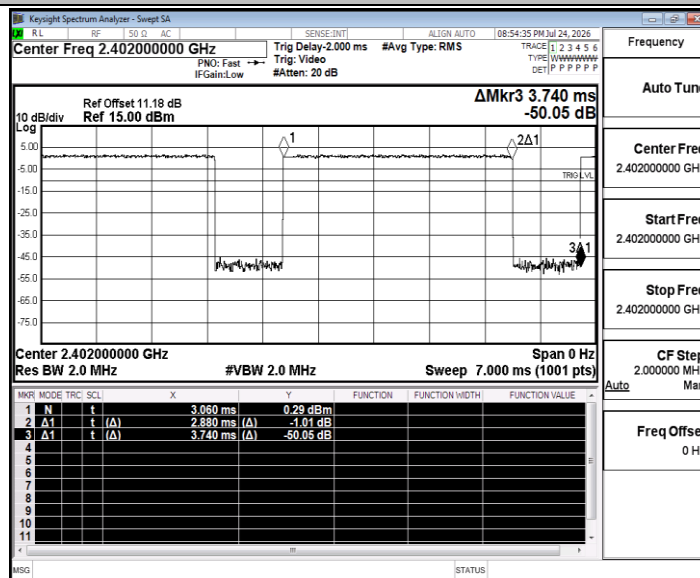
2DH5\_Ant1\_2441



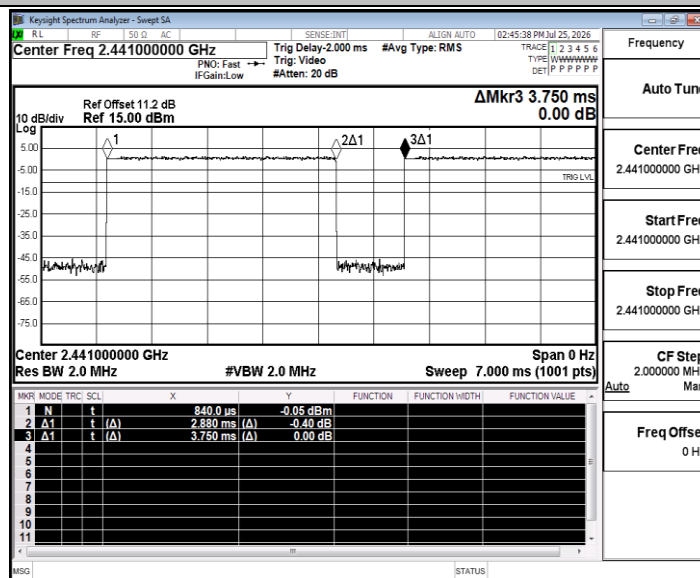
2DH5\_Ant1\_2480



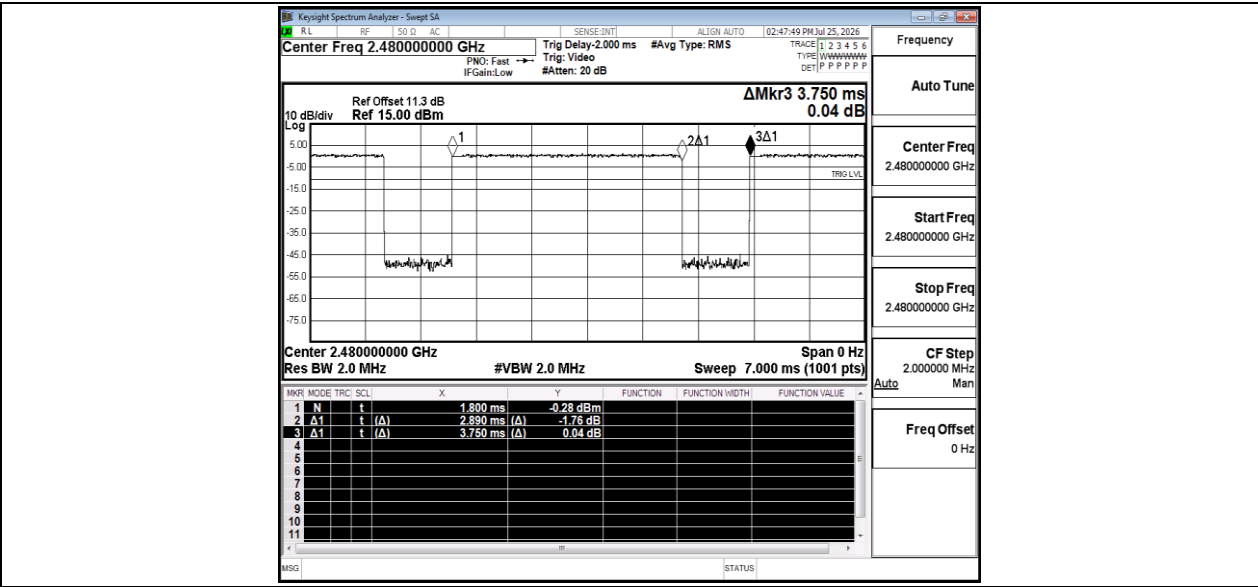
3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



3DH5\_Ant1\_2480



## A.9 Emissions in Restricted Bands

### Test Result

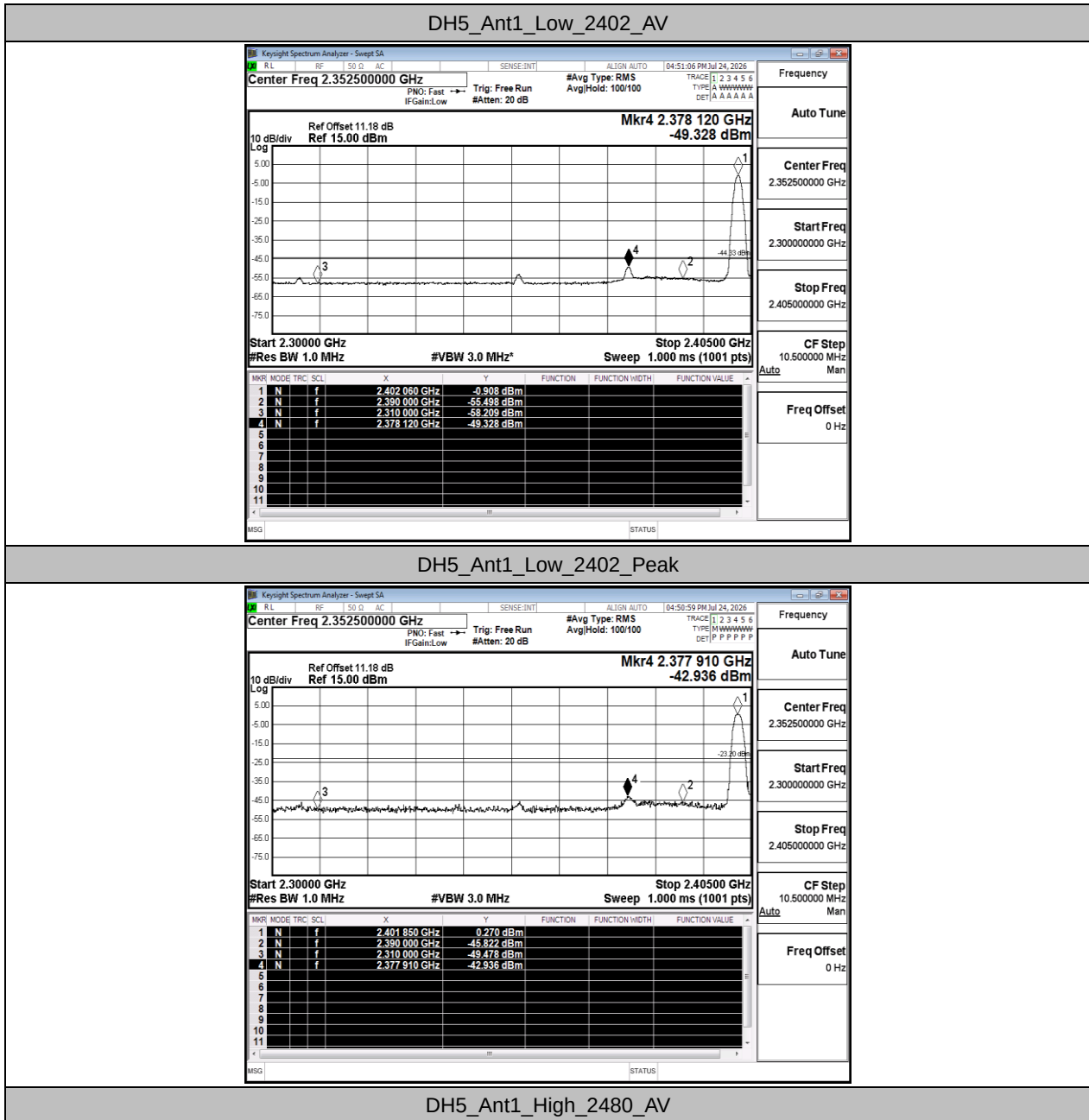
| Test Mode | Antenna | Channel Name | Freq (MHz) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Gain [dBi] | DC Factor [dB] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|-----------|---------|--------------|------------|----------|------------|--------------|-------------|------------|----------------|-----------------|----------------|---------|
| DH5       | Ant1    | Low          | 2402       | AV       | 2310.000   | -58.21       | ≤-44.33     | 2.00       | 1.13           | 40.12           | ≤54            | PASS    |
|           |         |              |            | AV       | 2378.120   | -49.33       | ≤-44.33     | 2.00       | 1.13           | 49.00           | ≤54            | PASS    |
|           |         |              |            | AV       | 2390.000   | -55.5        | ≤-44.33     | 2.00       | 1.13           | 42.83           | ≤54            | PASS    |
|           |         |              |            | Peak     | 2310.000   | -49.48       | ≤-23.20     | 2.00       | 0.00           | 47.72           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2377.910   | -42.94       | ≤-23.20     | 2.00       | 0.00           | 54.26           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2390.000   | -45.82       | ≤-23.20     | 2.00       | 0.00           | 51.38           | ≤74            | PASS    |
|           |         | High         | 2480       | AV       | 2483.500   | -56.52       | ≤-44.35     | 2.00       | 1.15           | 41.83           | ≤54            | PASS    |
|           |         |              |            | AV       | 2498.000   | -54.01       | ≤-44.35     | 2.00       | 1.15           | 44.34           | ≤54            | PASS    |
|           |         |              |            | AV       | 2500.000   | -54.56       | ≤-44.35     | 2.00       | 1.15           | 43.79           | ≤54            | PASS    |
|           |         |              |            | Peak     | 2483.500   | -47.16       | ≤-23.20     | 2.00       | 0.00           | 50.04           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2498.160   | -44.43       | ≤-23.20     | 2.00       | 0.00           | 52.77           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2500.000   | -45.84       | ≤-23.20     | 2.00       | 0.00           | 51.36           | ≤74            | PASS    |
|           |         | Low          | Hop_2402   | Peak     | 2310.000   | -49.8        | ≤-23.20     | 2.00       | 0.00           | 47.40           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2382.320   | -43.02       | ≤-23.20     | 2.00       | 0.00           | 54.18           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2390.000   | -45.76       | ≤-23.20     | 2.00       | 0.00           | 51.44           | ≤74            | PASS    |
|           |         | High         | Hop_2480   | Peak     | 2483.500   | -46.8        | ≤-23.20     | 2.00       | 0.00           | 50.40           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2499.120   | -43.17       | ≤-23.20     | 2.00       | 0.00           | 54.03           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2500.000   | -48.79       | ≤-23.20     | 2.00       | 0.00           | 48.41           | ≤74            | PASS    |
| 2DH5      | Ant1    | Low          | 2402       | AV       | 2310.000   | -58.15       | ≤-44.33     | 2.00       | 1.13           | 40.18           | ≤54            | PASS    |
|           |         |              |            | AV       | 2378.120   | -50.89       | ≤-44.33     | 2.00       | 1.13           | 47.44           | ≤54            | PASS    |
|           |         |              |            | AV       | 2390.000   | -55.29       | ≤-44.33     | 2.00       | 1.13           | 43.04           | ≤54            | PASS    |
|           |         |              |            | Peak     | 2310.000   | -49.54       | ≤-23.20     | 2.00       | 0.00           | 47.66           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2378.120   | -42.03       | ≤-23.20     | 2.00       | 0.00           | 55.17           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2390.000   | -47.08       | ≤-23.20     | 2.00       | 0.00           | 50.12           | ≤74            | PASS    |
|           |         | High         | 2480       | AV       | 2483.500   | -56.36       | ≤-44.33     | 2.00       | 1.13           | 41.97           | ≤54            | PASS    |
|           |         |              |            | AV       | 2497.200   | -53.82       | ≤-44.33     | 2.00       | 1.13           | 44.51           | ≤54            | PASS    |
|           |         |              |            | AV       | 2500.000   | -53.77       | ≤-44.33     | 2.00       | 1.13           | 44.56           | ≤54            | PASS    |
|           |         |              |            | Peak     | 2483.500   | -47.82       | ≤-23.20     | 2.00       | 0.00           | 49.38           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2497.040   | -43.45       | ≤-23.20     | 2.00       | 0.00           | 53.75           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2500.000   | -45.38       | ≤-23.20     | 2.00       | 0.00           | 51.82           | ≤74            | PASS    |
|           |         | Low          | Hop_2402   | Peak     | 2310.000   | -51.2        | ≤-23.20     | 2.00       | 0.00           | 46.00           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2379.905   | -44.8        | ≤-23.20     | 2.00       | 0.00           | 52.40           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2390.000   | -48.21       | ≤-23.20     | 2.00       | 0.00           | 48.99           | ≤74            | PASS    |
|           |         | High         | Hop_2480   | Peak     | 2483.500   | -47.11       | ≤-23.20     | 2.00       | 0.00           | 50.09           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2488.000   | -42.63       | ≤-23.20     | 2.00       | 0.00           | 54.57           | ≤74            | PASS    |
|           |         |              |            | Peak     | 2500.000   | -48.98       | ≤-23.20     | 2.00       | 0.00           | 48.22           | ≤74            | PASS    |
| 3DH5      | Ant1    | Low          | 2402       | AV       | 2310.000   | -58.09       | ≤-44.33     | 2.00       | 1.13           | 40.24           | ≤54            | PASS    |

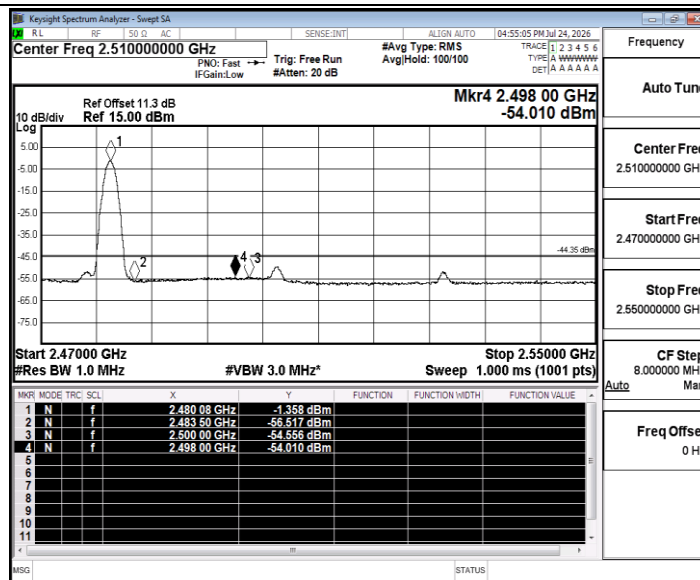
|  |  |      |              |      |          |        |         |      |      |       |     |      |
|--|--|------|--------------|------|----------|--------|---------|------|------|-------|-----|------|
|  |  |      |              | AV   | 2378.015 | -50.96 | ≤-44.33 | 2.00 | 1.13 | 47.37 | ≤54 | PASS |
|  |  |      |              | AV   | 2390.000 | -55.84 | ≤-44.33 | 2.00 | 1.13 | 42.49 | ≤54 | PASS |
|  |  |      |              | Peak | 2310.000 | -50.21 | ≤-23.20 | 2.00 | 0.00 | 46.99 | ≤74 | PASS |
|  |  |      |              | Peak | 2378.120 | -42.89 | ≤-23.20 | 2.00 | 0.00 | 54.31 | ≤74 | PASS |
|  |  |      |              | Peak | 2390.000 | -45.25 | ≤-23.20 | 2.00 | 0.00 | 51.95 | ≤74 | PASS |
|  |  | High | 2480         | AV   | 2483.500 | -56.02 | ≤-44.33 | 2.00 | 1.13 | 42.31 | ≤54 | PASS |
|  |  |      |              | AV   | 2498.720 | -54.31 | ≤-44.33 | 2.00 | 1.13 | 44.02 | ≤54 | PASS |
|  |  |      |              | AV   | 2500.000 | -54.9  | ≤-44.33 | 2.00 | 1.13 | 43.43 | ≤54 | PASS |
|  |  |      |              | Peak | 2483.500 | -46.65 | ≤-23.20 | 2.00 | 0.00 | 50.55 | ≤74 | PASS |
|  |  |      |              | Peak | 2493.680 | -44.04 | ≤-23.20 | 2.00 | 0.00 | 53.16 | ≤74 | PASS |
|  |  |      |              | Peak | 2500.000 | -47.86 | ≤-23.20 | 2.00 | 0.00 | 49.34 | ≤74 | PASS |
|  |  | Low  | Hop_24<br>02 | Peak | 2310.000 | -50    | ≤-23.20 | 2.00 | 0.00 | 47.20 | ≤74 | PASS |
|  |  |      |              | Peak | 2389.250 | -43.49 | ≤-23.20 | 2.00 | 0.00 | 53.71 | ≤74 | PASS |
|  |  |      |              | Peak | 2390.000 | -47.97 | ≤-23.20 | 2.00 | 0.00 | 49.23 | ≤74 | PASS |
|  |  | High | Hop_24<br>80 | Peak | 2483.500 | -46.6  | ≤-23.20 | 2.00 | 0.00 | 50.60 | ≤74 | PASS |
|  |  |      |              | Peak | 2494.000 | -44.01 | ≤-23.20 | 2.00 | 0.00 | 53.19 | ≤74 | PASS |
|  |  |      |              | Peak | 2500.000 | -46.53 | ≤-23.20 | 2.00 | 0.00 | 50.67 | ≤74 | PASS |

## Note:

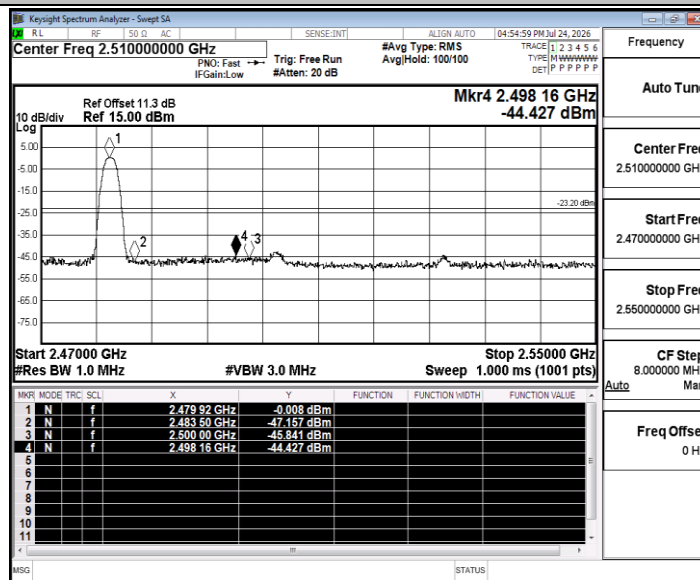
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs

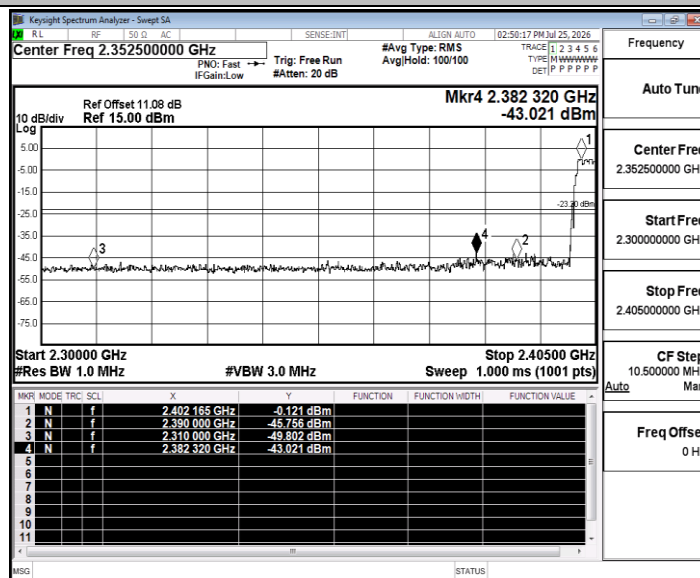




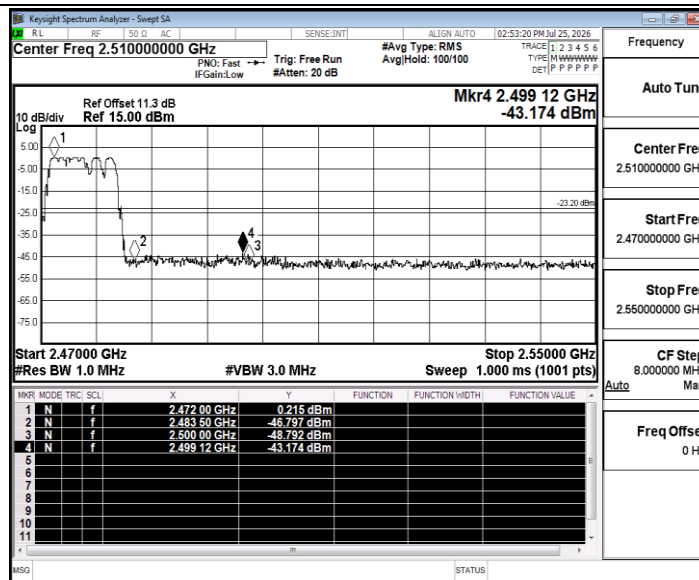
DH5\_Ant1\_High\_2480\_Peak



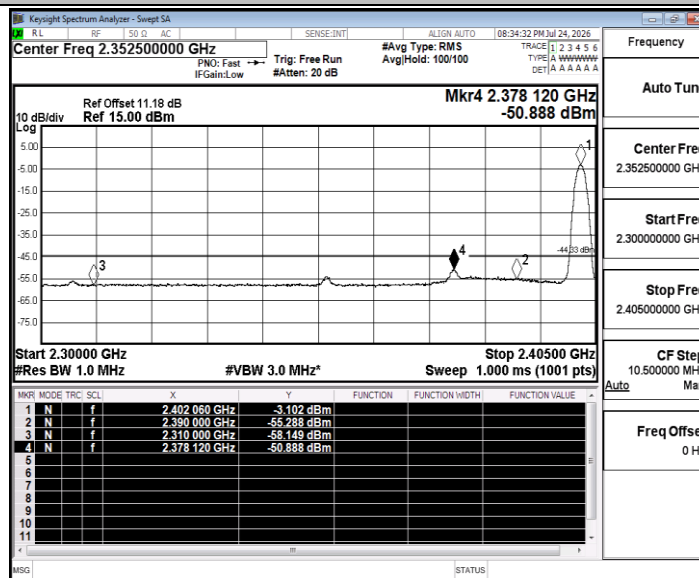
DH5\_Ant1\_Low\_Hop\_2402\_Peak



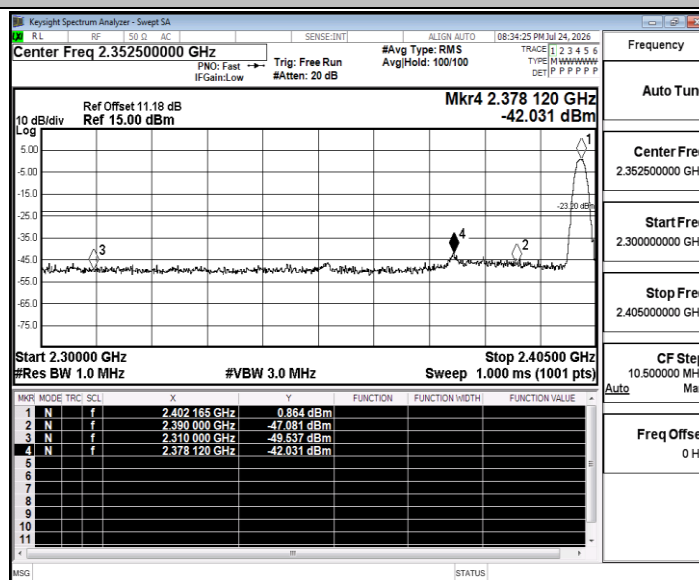
DH5\_Ant1\_High\_Hop\_2480\_Peak



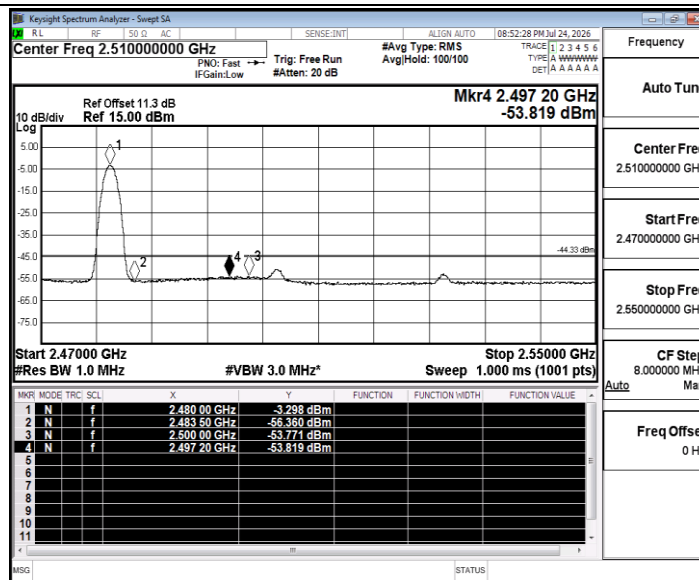
2DH5\_Ant1\_Low\_2402\_AV



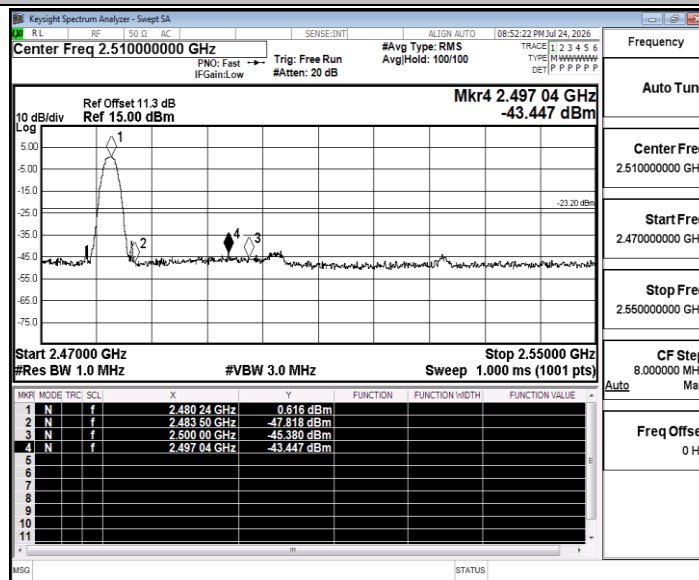
2DH5\_Ant1\_Low\_2402\_Peak



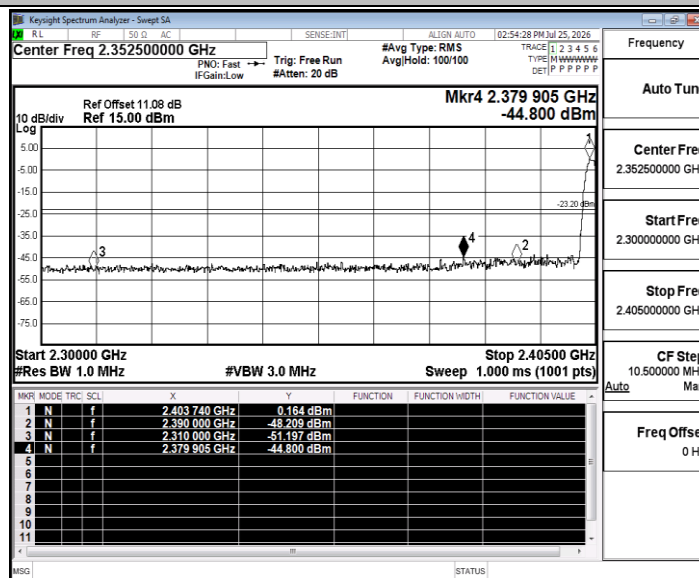
2DH5\_Ant1\_High\_2480\_AV



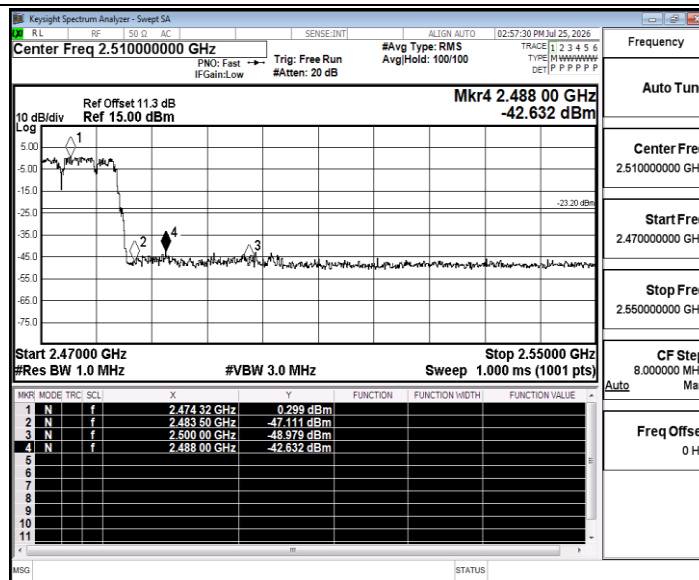
2DH5\_Ant1\_High\_2480\_Peak



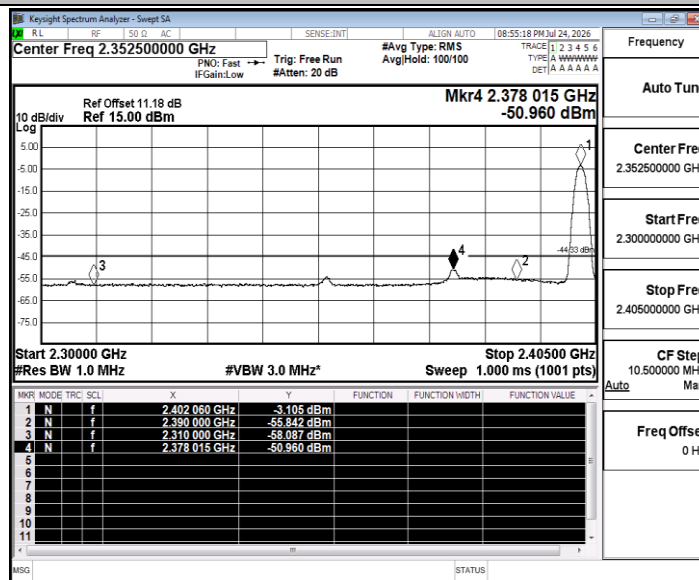
2DH5\_Ant1\_Low\_Hop\_2402\_Peak



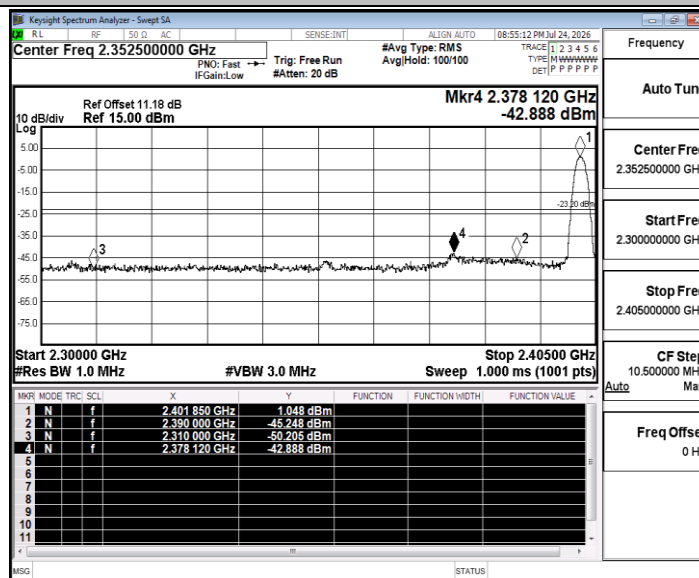
2DH5\_Ant1\_High\_Hop\_2480\_Peak



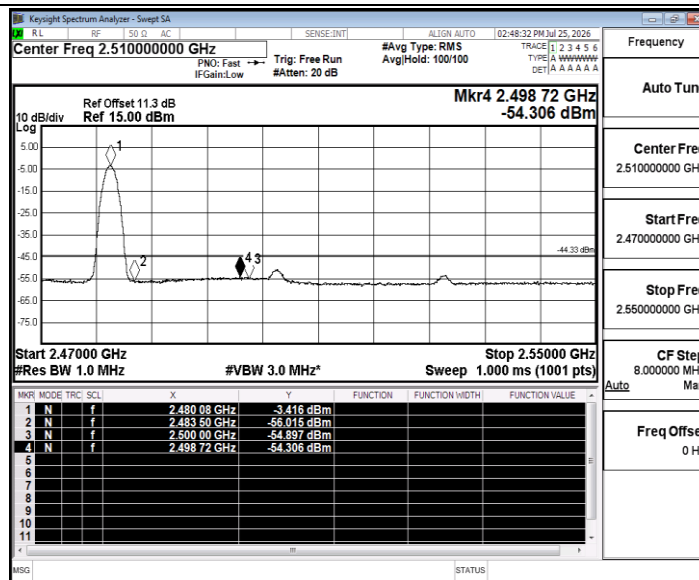
## 3DH5\_Ant1\_Low\_2402\_AV



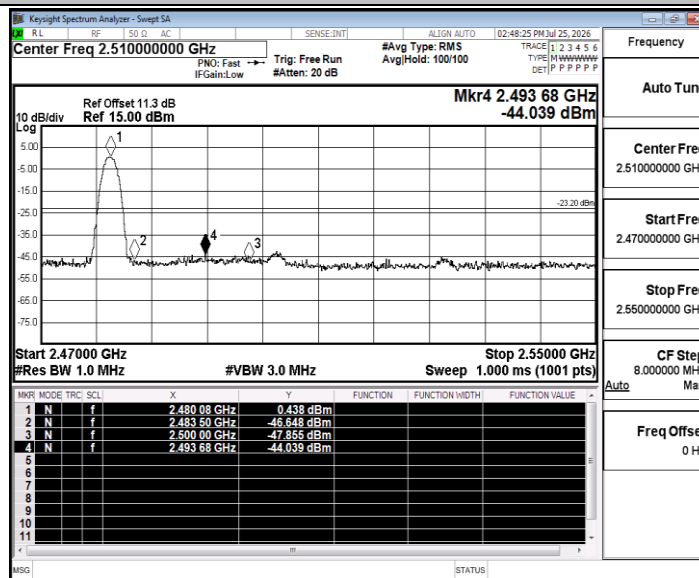
## 3DH5\_Ant1\_Low\_2402\_Peak



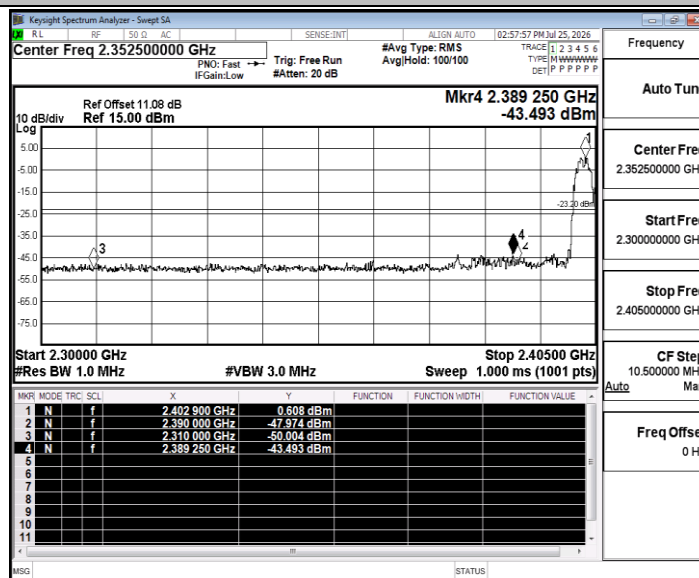
## 3DH5\_Ant1\_High\_2480\_AV



3DH5\_Ant1\_High\_2480\_Peak



3DH5\_Ant1\_Low\_Hop\_2402\_Peak



3DH5\_Ant1\_High\_Hop\_2480\_Peak

