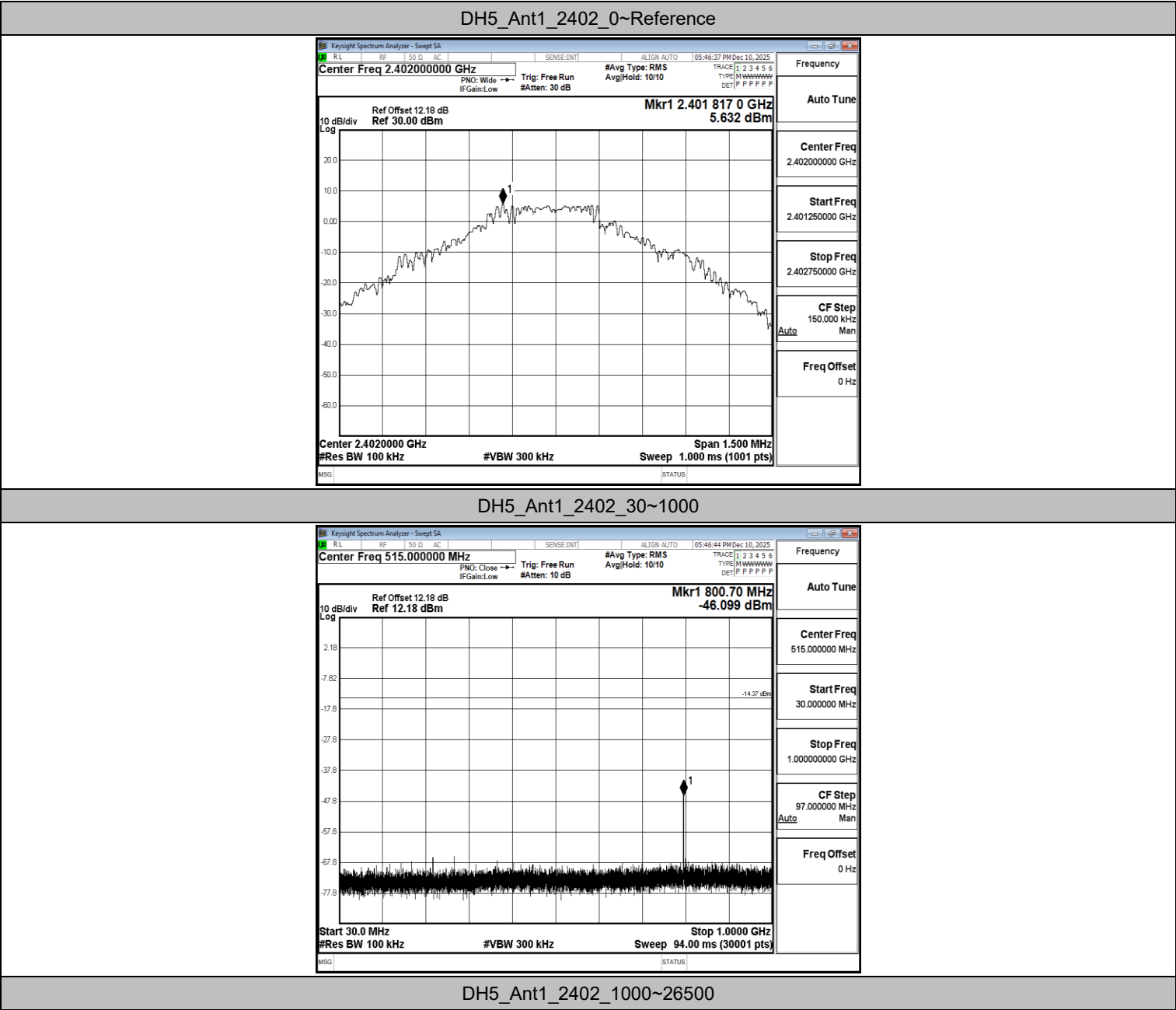
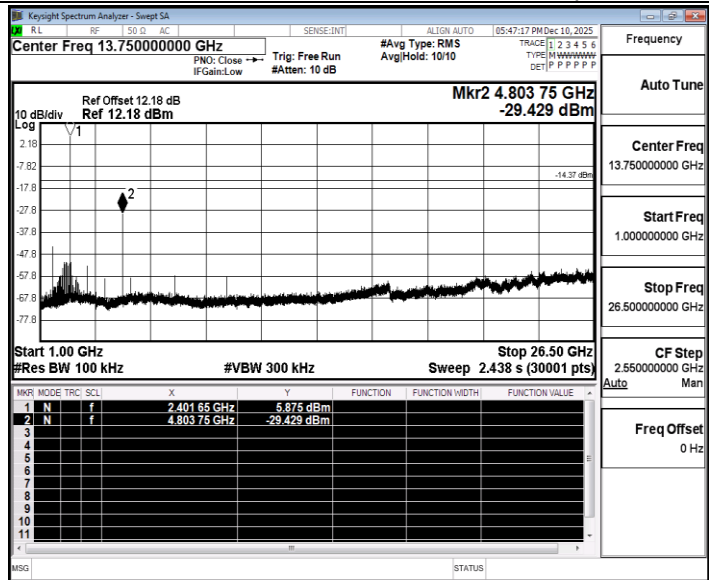
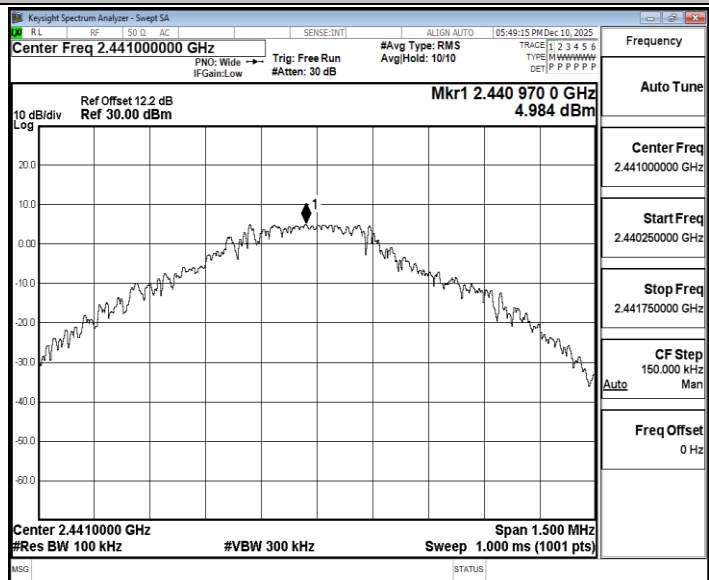


Test Graphs

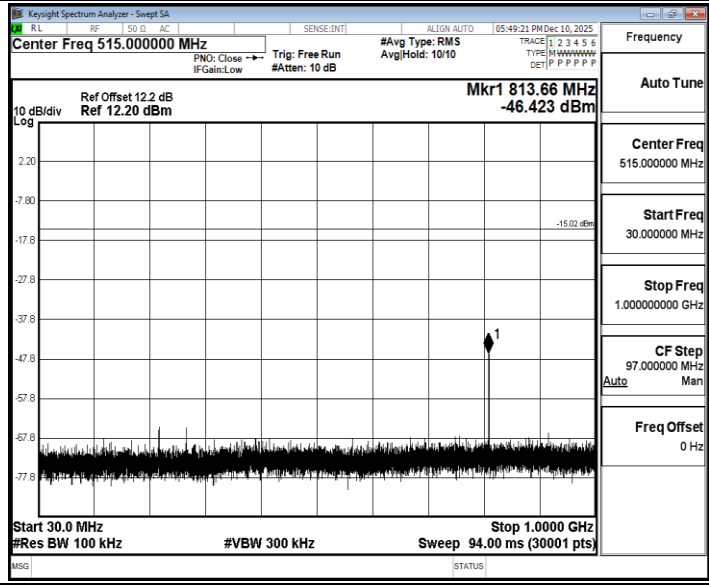




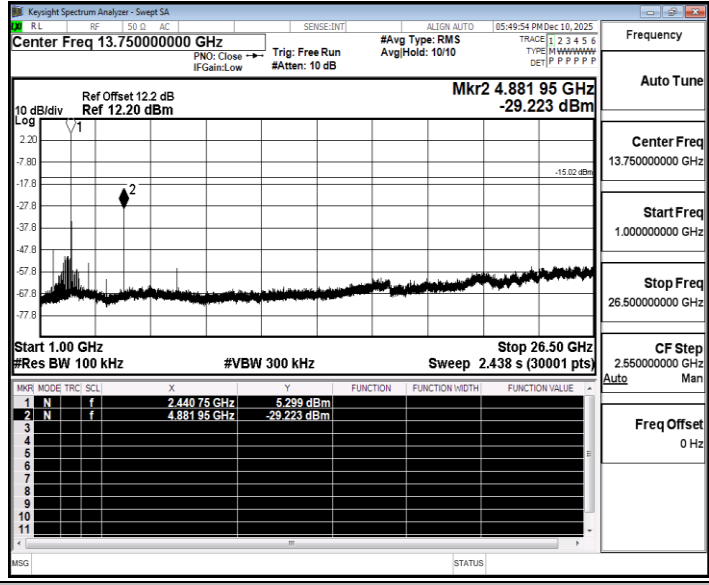
DH5\_Ant1\_2441\_0~Reference



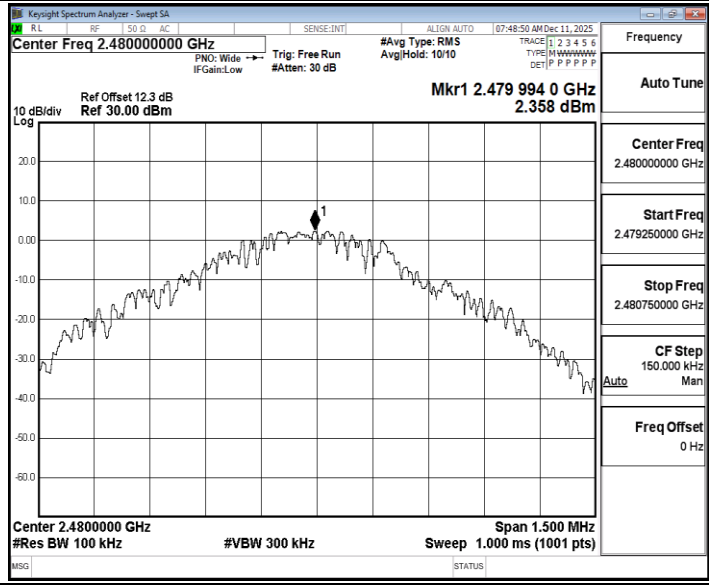
DH5\_Ant1\_2441\_30~1000



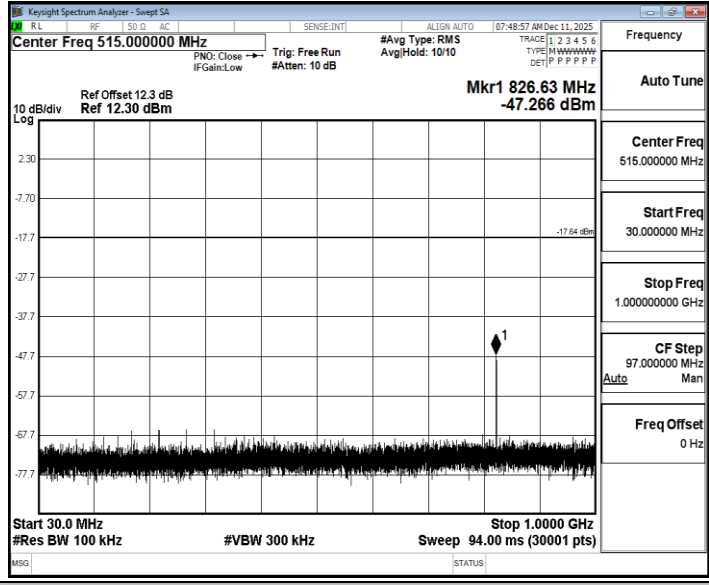
DH5\_Ant1\_2441\_1000~26500



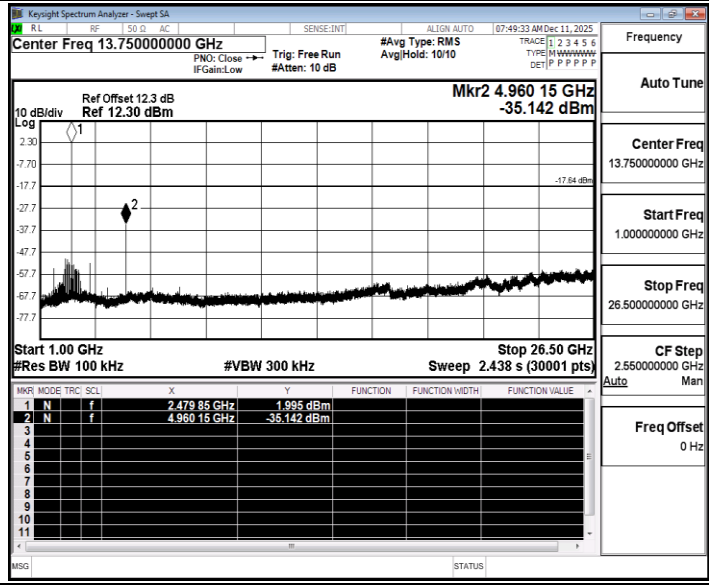
DH5\_Ant1\_2480\_0~Reference



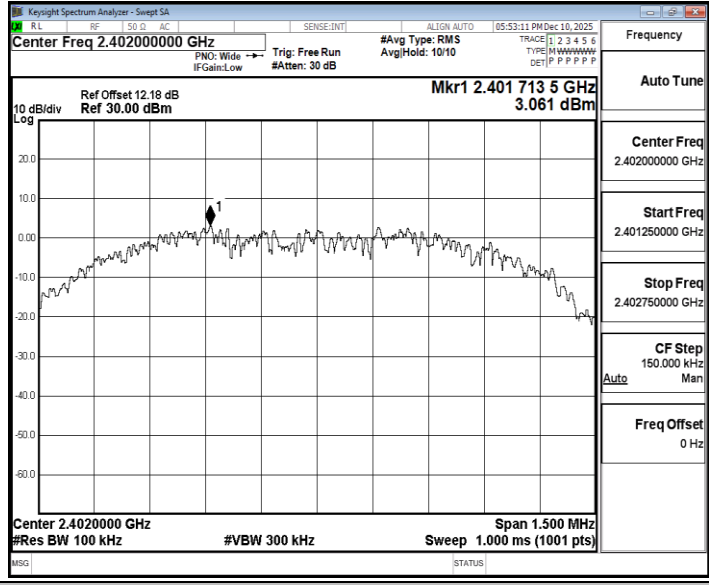
DH5\_Ant1\_2480\_30~1000



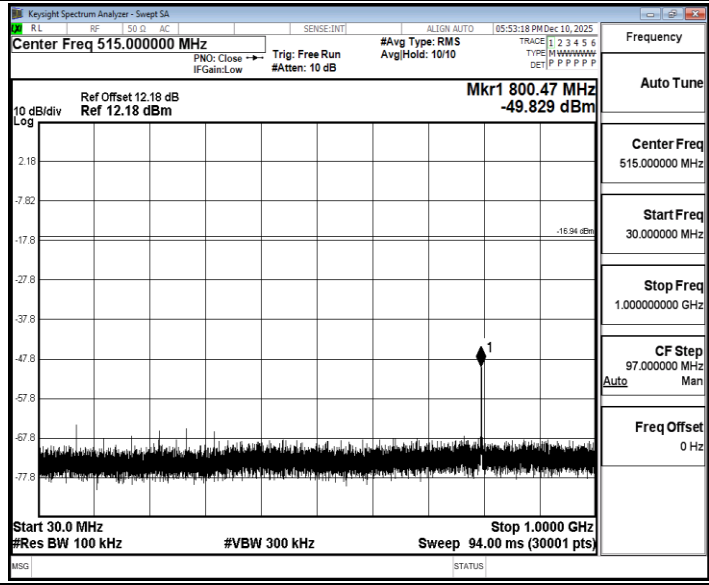
DH5\_Ant1\_2480\_1000~26500



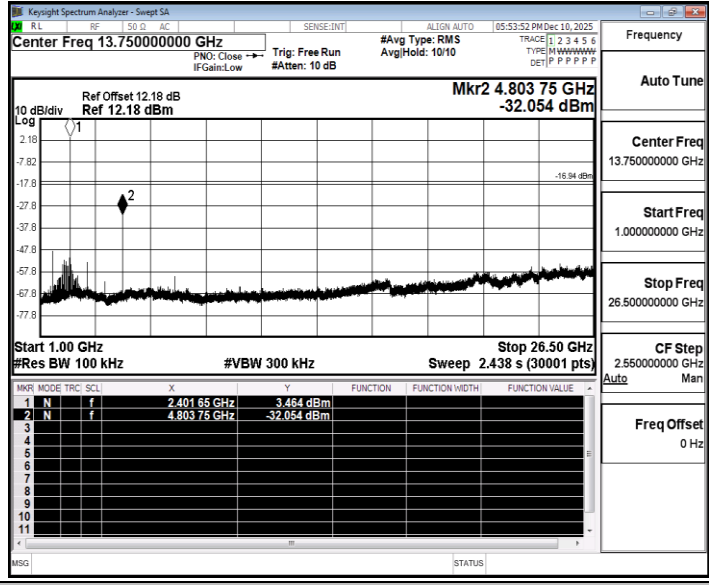
2DH5\_Ant1\_2402\_0~Reference



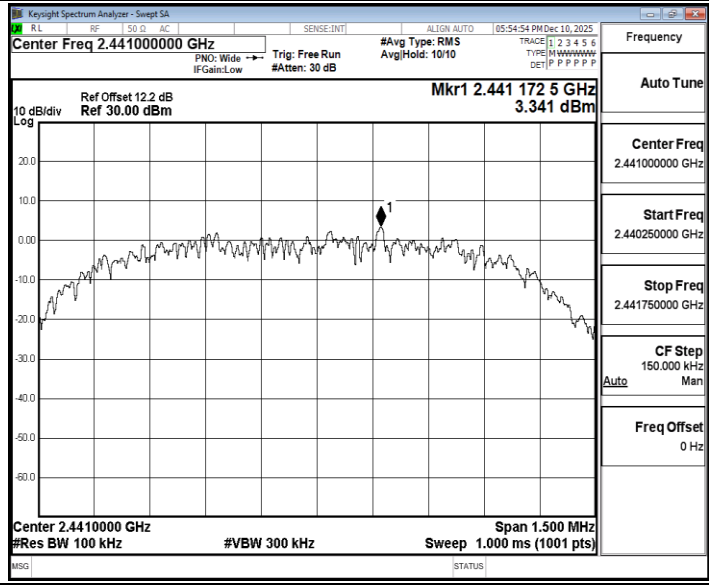
2DH5\_Ant1\_2402\_30~1000



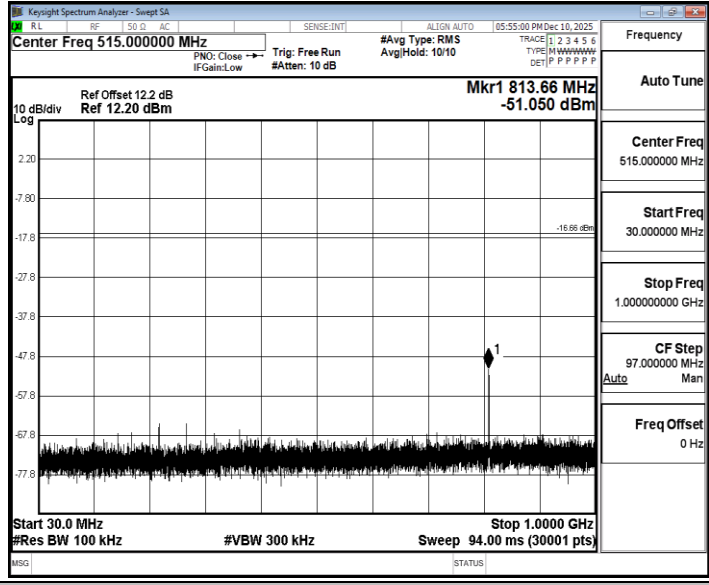
2DH5\_Ant1\_2402\_1000~26500



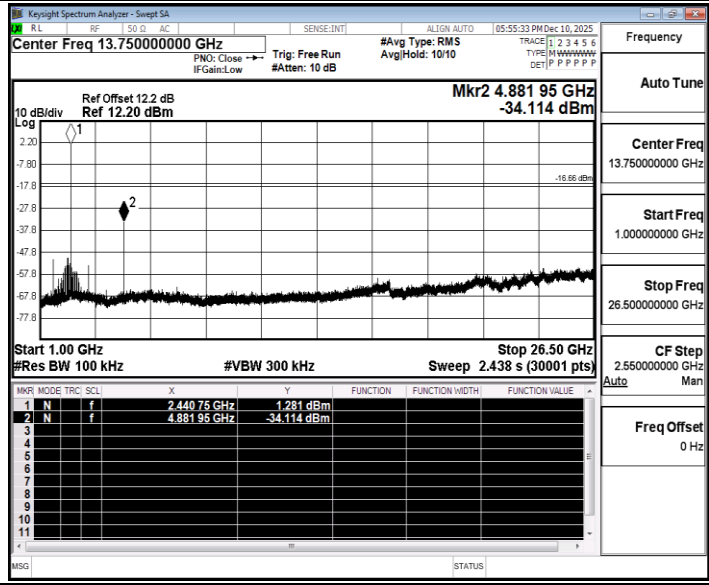
2DH5\_Ant1\_2441\_0~Reference



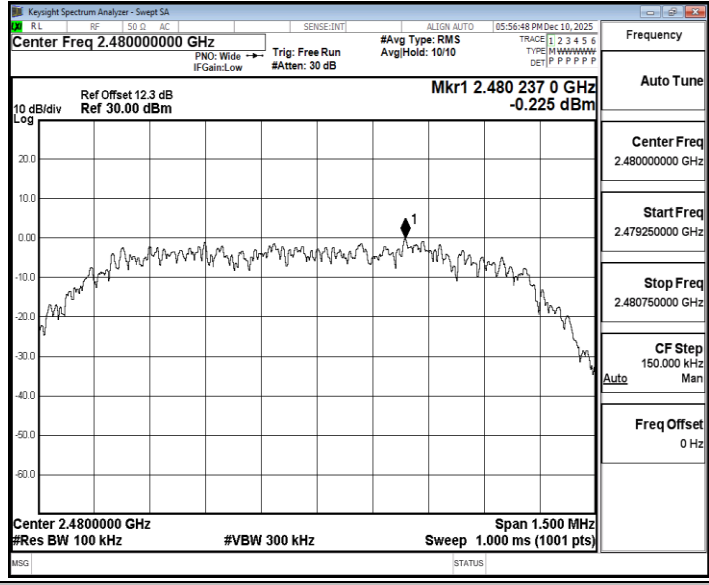
2DH5\_Ant1\_2441\_30~1000



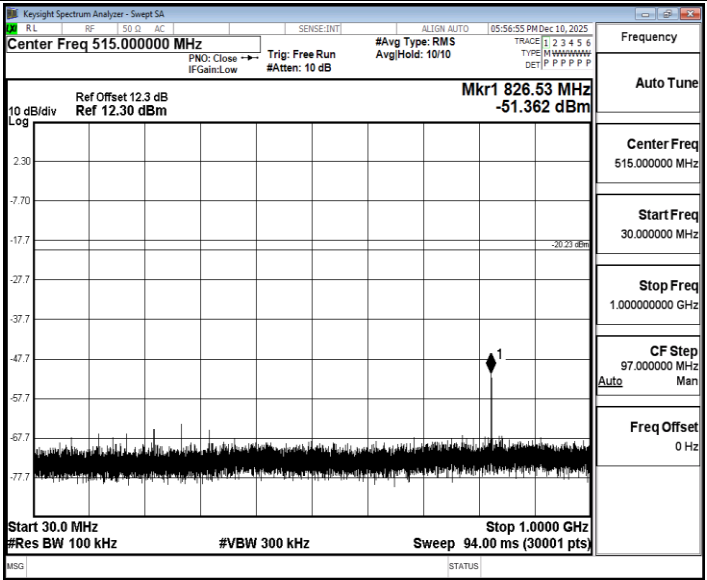
2DH5\_Ant1\_2441\_1000~26500



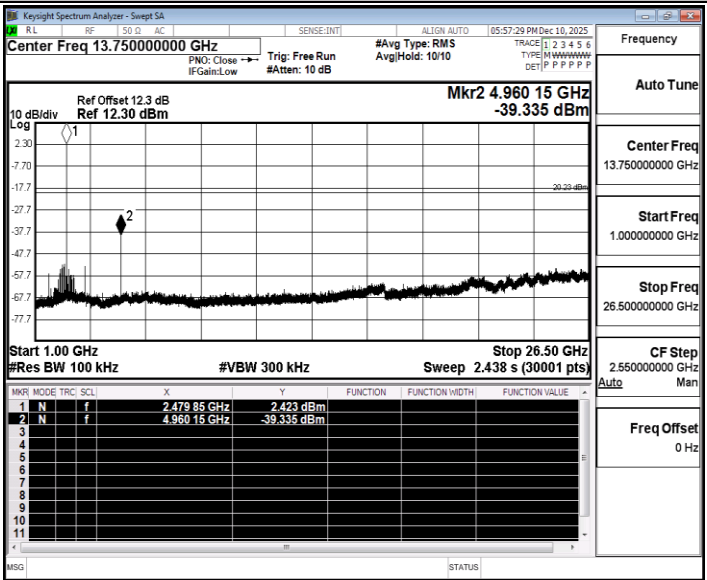
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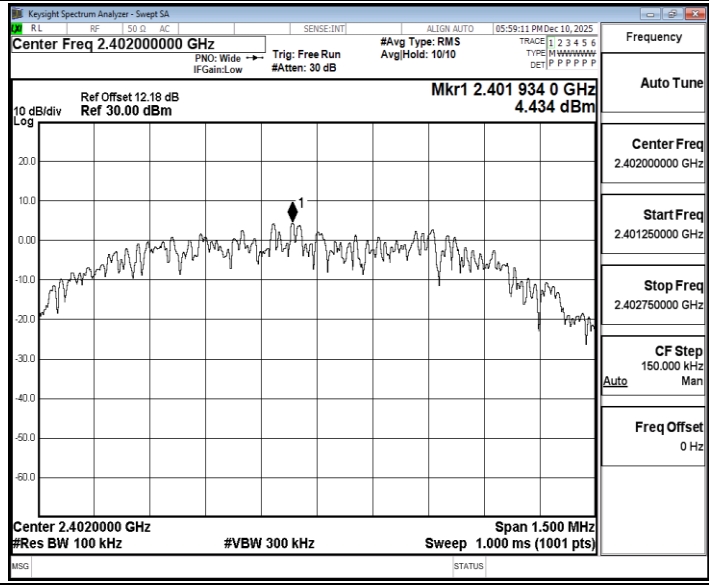
2DH5\_Ant1\_2480\_30~1000



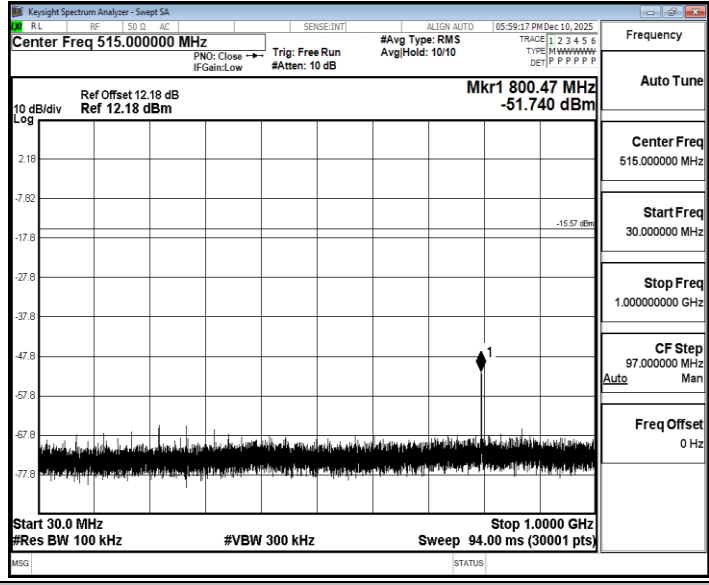
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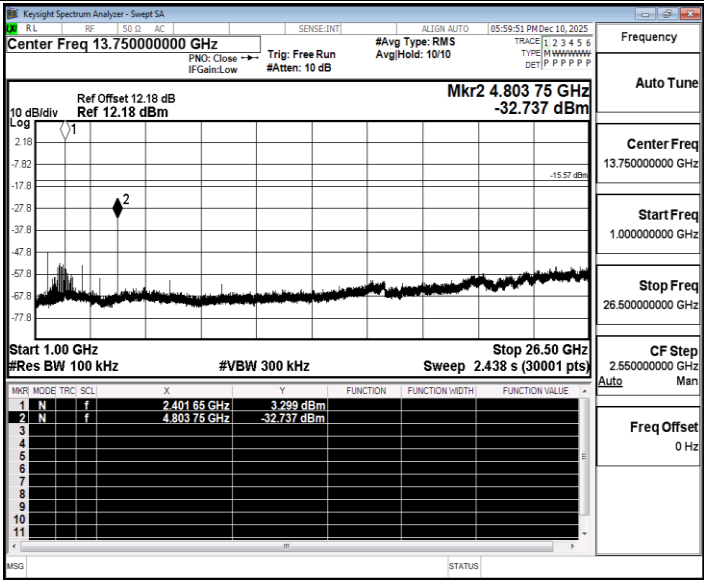
3DH5\_Ant1\_2402\_0~Reference



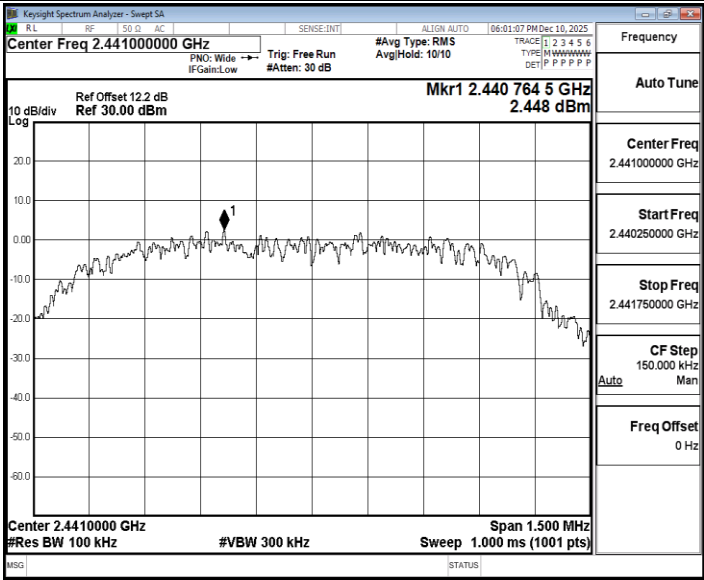
3DH5\_Ant1\_2402\_30~1000



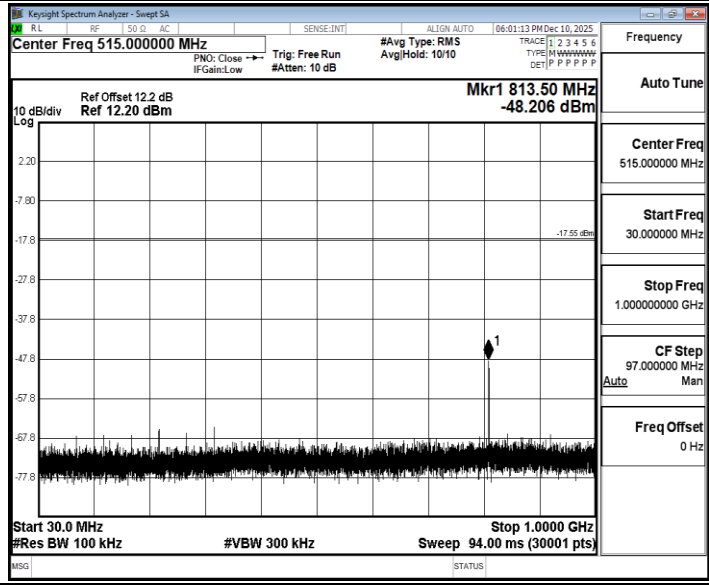
3DH5\_Ant1\_2402\_1000~26500



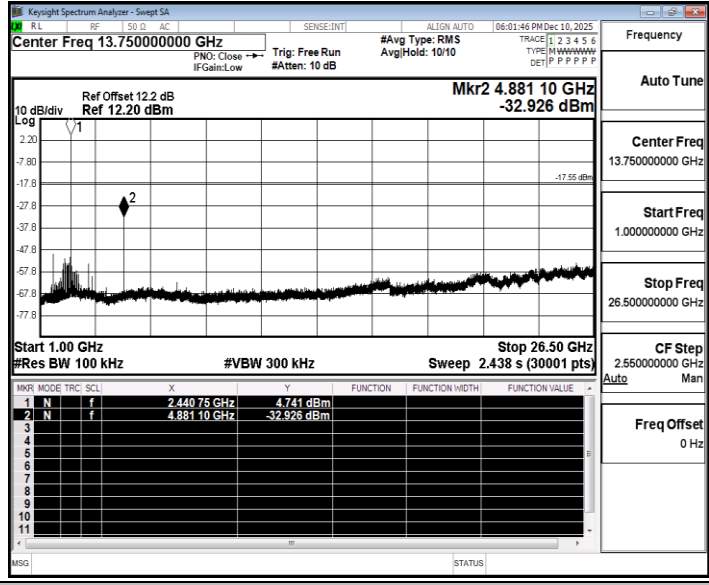
3DH5\_Ant1\_2441\_0~Reference



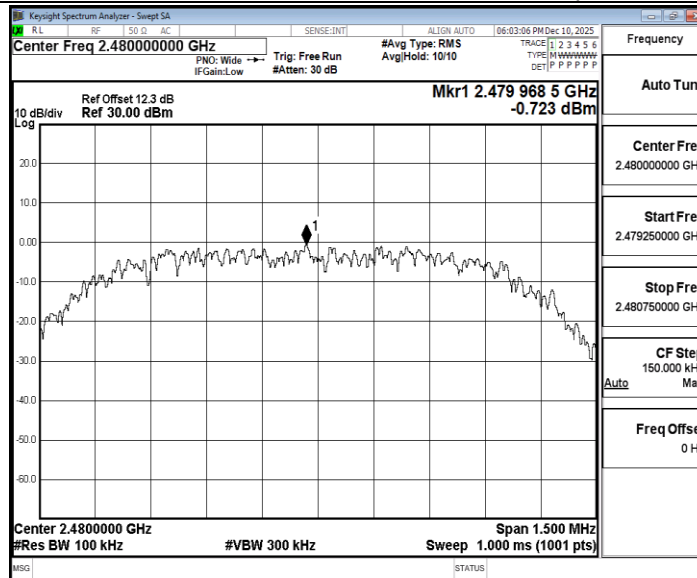
3DH5\_Ant1\_2441\_30~1000



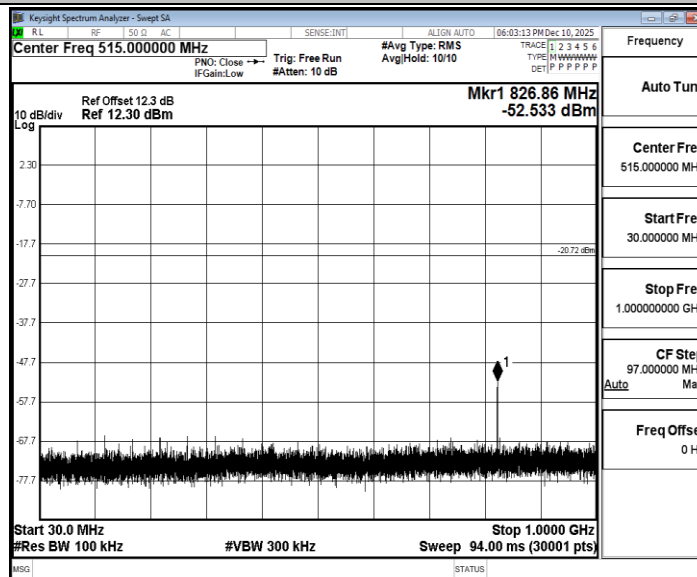
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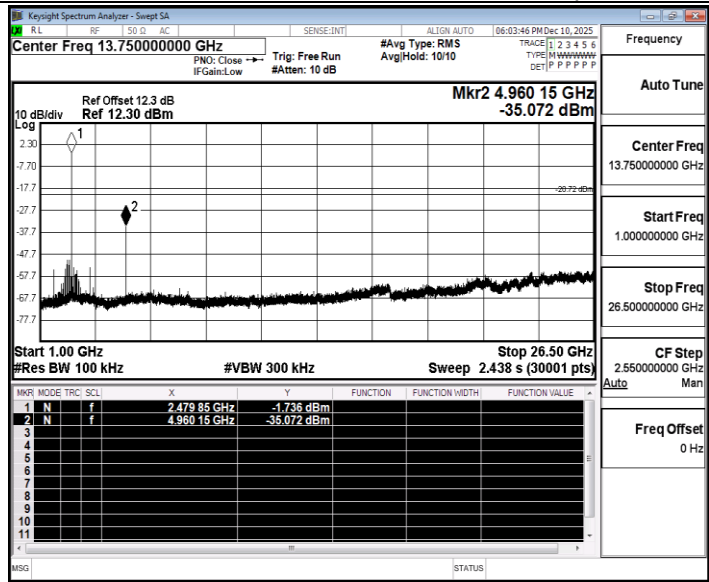
3DH5\_Ant1\_2480\_0~Reference



3DH5\_Ant1\_2480\_30~1000



3DH5\_Ant1\_2480\_1000~26500

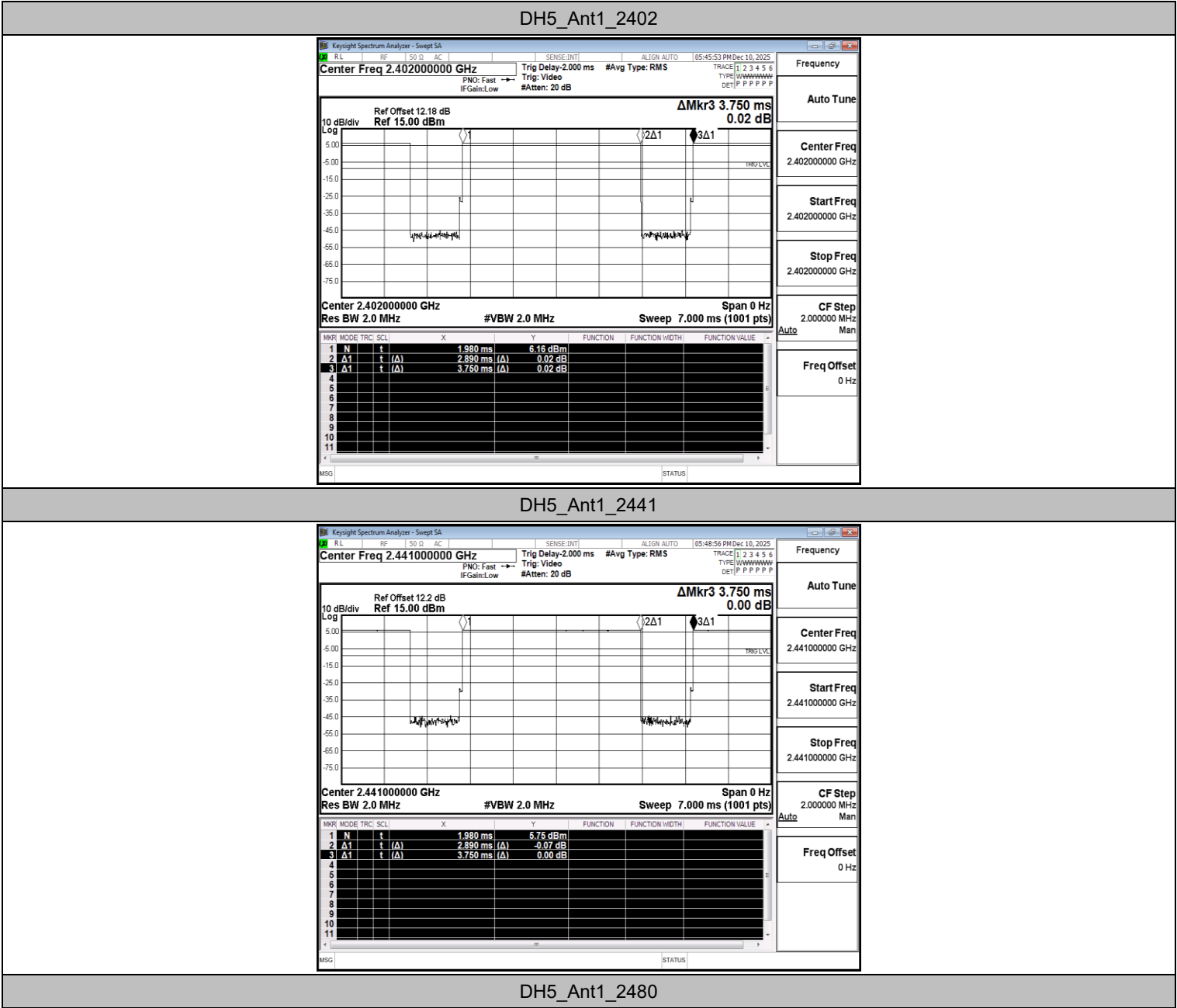


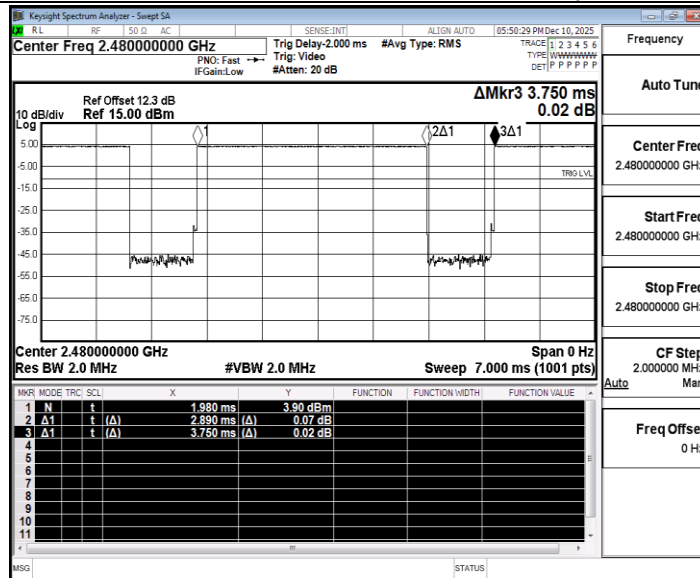
## A.8 Duty Cycle

### Test Result

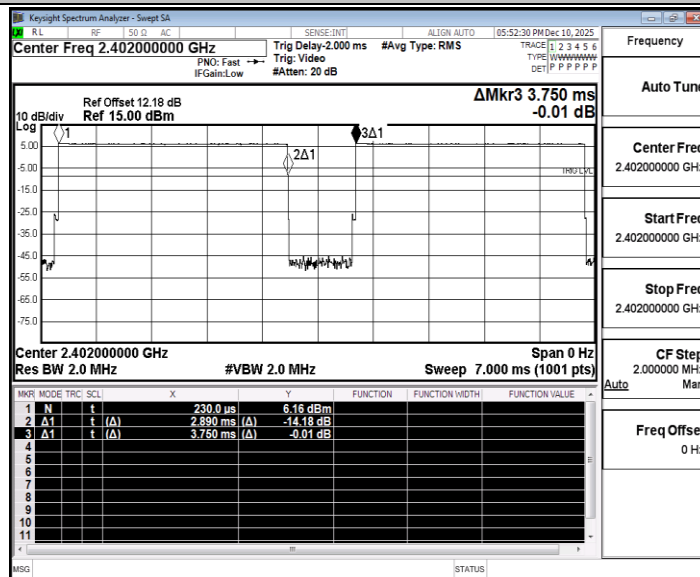
| TestMode | Antenna | Freq(MHz) | ON Time<br>[ms] | Period<br>[ms] | DC [%] | xFactor | Limit | Verdict |
|----------|---------|-----------|-----------------|----------------|--------|---------|-------|---------|
| DH5      | Ant1    | 2402      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2441      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2480      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
| 2DH5     | Ant1    | 2402      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2441      | 2.88            | 3.75           | 76.80  | 1.15    | ---   | ---     |
|          |         | 2480      | 2.88            | 3.74           | 77.01  | 1.13    | ---   | ---     |
| 3DH5     | Ant1    | 2402      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2441      | 2.89            | 3.75           | 77.07  | 1.13    | ---   | ---     |
|          |         | 2480      | 2.90            | 3.76           | 77.13  | 1.13    | ---   | ---     |

Test Graphs

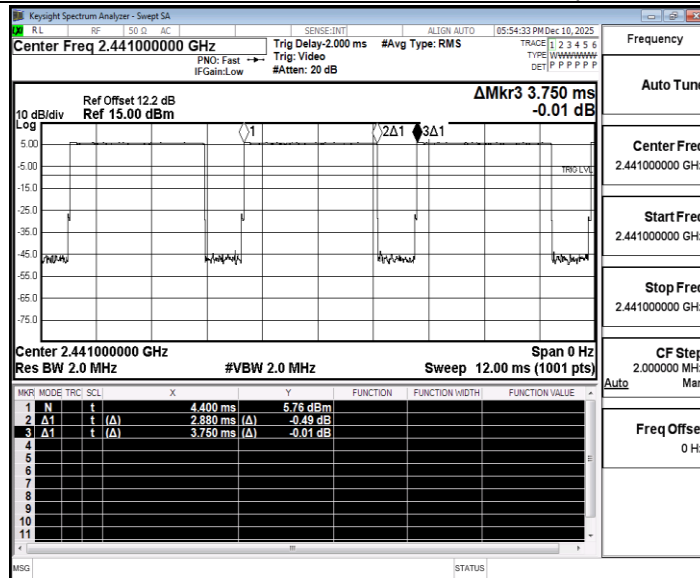




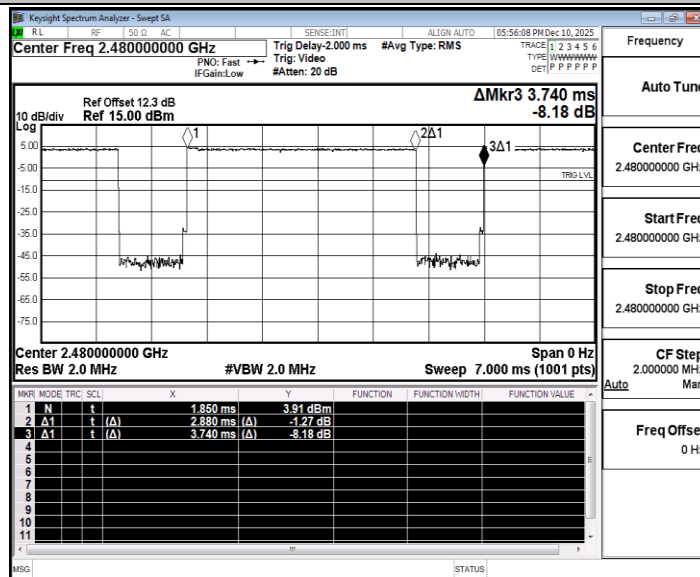
2DH5\_Ant1\_2402



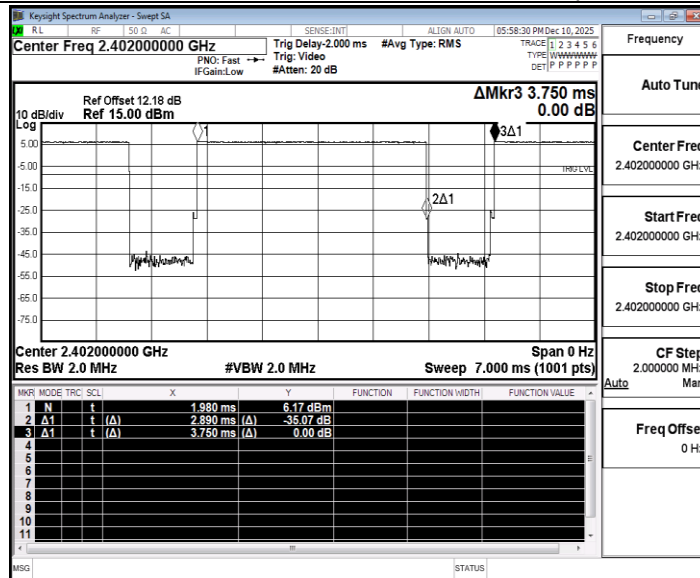
2DH5\_Ant1\_2441



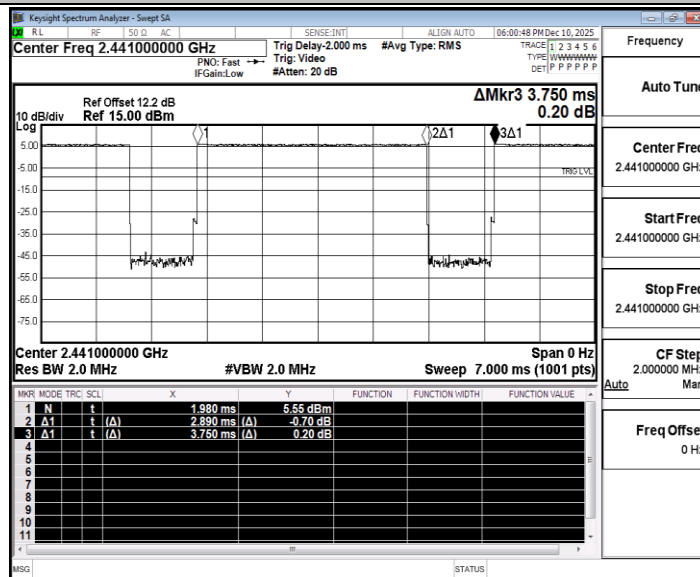
2DH5\_Ant1\_2480



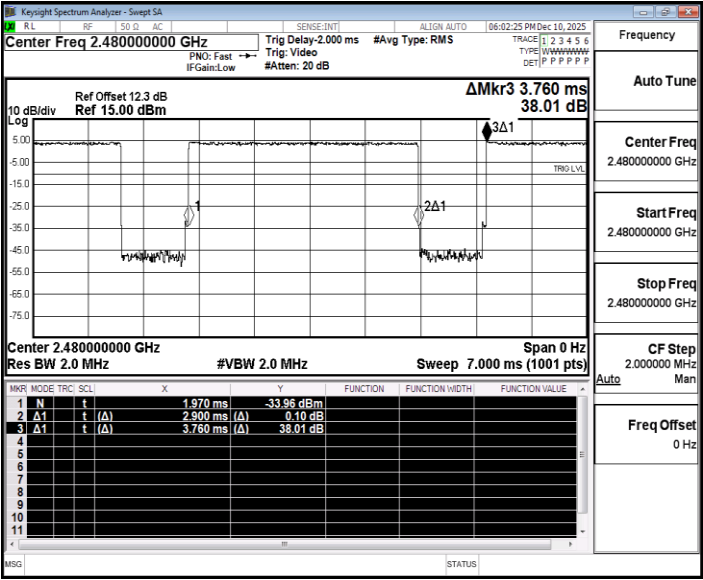
3DH5\_Ant1\_2402



3DH5\_Ant1\_2441



3DH5\_Ant1\_2480



## A.9 Emissions in Restricted Bands

### Test Result

| TestMode | Antenna | ChName | 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   | -61.15       | ≤-44.33     | 2.00       | 1.13           | 37.18           | ≤54            | PASS    |
|          |         |        |            | AV       | 2377.910   | -52.13       | ≤-44.33     | 2.00       | 1.13           | 46.20           | ≤54            | PASS    |
|          |         |        |            | AV       | 2390.000   | -59.5        | ≤-44.33     | 2.00       | 1.13           | 38.83           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2310.000   | -52.07       | ≤-23.20     | 2.00       | 0.00           | 45.13           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2378.120   | -46.33       | ≤-23.20     | 2.00       | 0.00           | 50.87           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2390.000   | -50.15       | ≤-23.20     | 2.00       | 0.00           | 47.05           | ≤74            | PASS    |
|          |         | High   | 2480       | AV       | 2483.500   | -58.62       | ≤-44.33     | 2.00       | 1.13           | 39.71           | ≤54            | PASS    |
|          |         |        |            | AV       | 2485.200   | -53.28       | ≤-44.33     | 2.00       | 1.13           | 45.05           | ≤54            | PASS    |
|          |         |        |            | AV       | 2500.000   | -60.23       | ≤-44.33     | 2.00       | 1.13           | 38.10           | ≤54            | PASS    |
|          |         |        |            | Peak     | 2483.500   | -47.84       | ≤-23.20     | 2.00       | 0.00           | 49.36           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2485.120   | -46.35       | ≤-23.20     | 2.00       | 0.00           | 50.85           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2500.000   | -51.79       | ≤-23.20     | 2.00       | 0.00           | 45.41           | ≤74            | PASS    |
|          |         | Low    | Hop_2402   | Peak     | 2310.000   | -50.19       | ≤-23.20     | 2.00       | 0.00           | 47.01           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2311.550   | -46.34       | ≤-23.20     | 2.00       | 0.00           | 50.86           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2390.000   | -51.86       | ≤-23.20     | 2.00       | 0.00           | 45.34           | ≤74            | PASS    |
|          |         | High   | Hop_2480   | Peak     | 2483.500   | -51.58       | ≤-23.20     | 2.00       | 0.00           | 45.62           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2490.400   | -47.27       | ≤-23.20     | 2.00       | 0.00           | 49.93           | ≤74            | PASS    |
|          |         |        |            | Peak     | 2500.000   | -51.15       | ≤-23.20     | 2.00       | 0.00           | 46.05           | ≤74            | PASS    |

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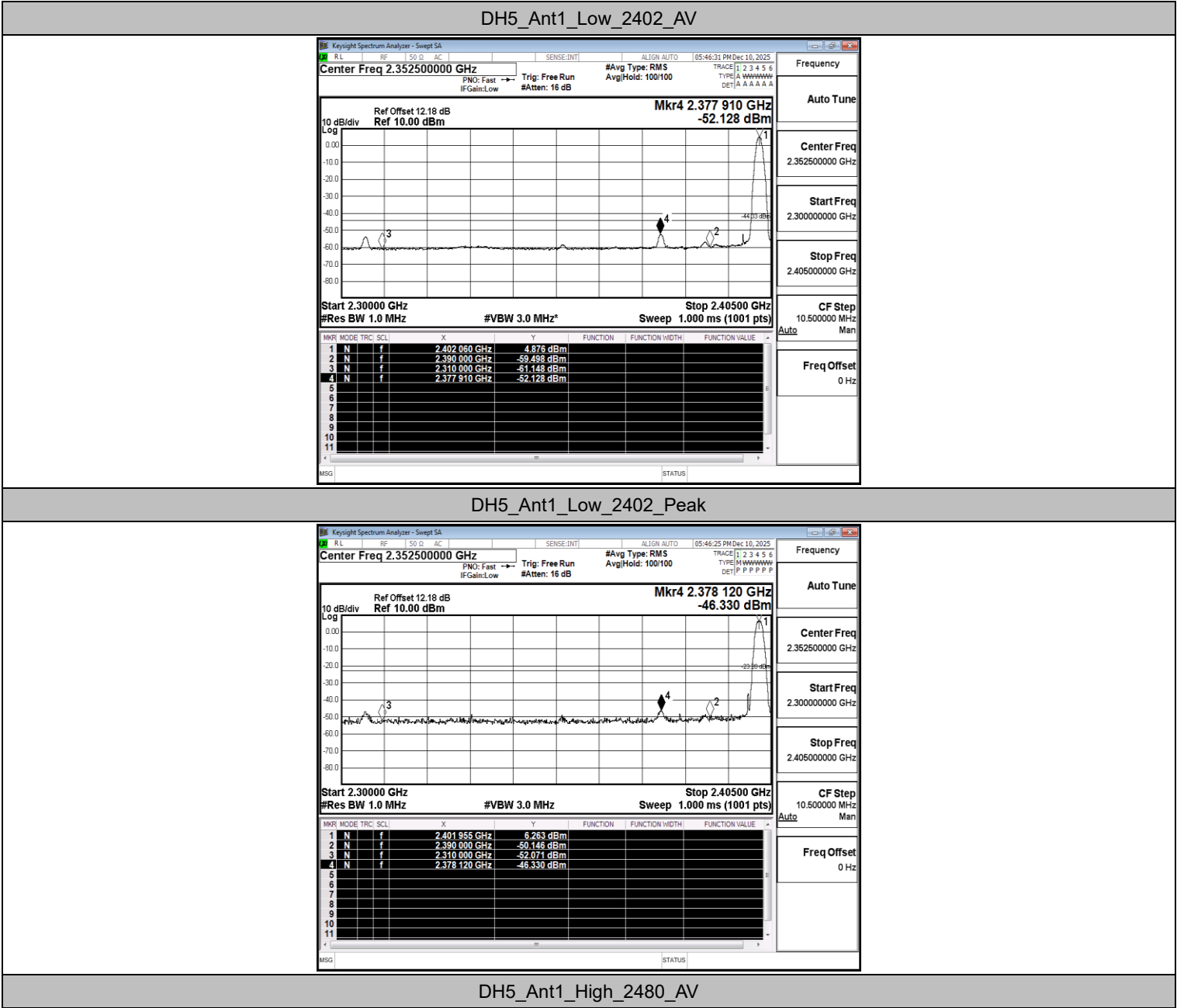
|      |      |      |          |      |          |        |         |      |      |       |     |      |
|------|------|------|----------|------|----------|--------|---------|------|------|-------|-----|------|
| 2DH5 | Ant1 | Low  | 2402     | AV   | 2310.000 | -60.87 | ≤-44.33 | 2.00 | 1.13 | 37.46 | ≤54 | PASS |
|      |      |      |          | AV   | 2378.225 | -53.27 | ≤-44.33 | 2.00 | 1.13 | 45.06 | ≤54 | PASS |
|      |      |      |          | AV   | 2390.000 | -59.49 | ≤-44.33 | 2.00 | 1.13 | 38.84 | ≤54 | PASS |
|      |      |      |          | Peak | 2310.000 | -51.55 | ≤-23.20 | 2.00 | 0.00 | 45.65 | ≤74 | PASS |
|      |      |      |          | Peak | 2378.015 | -45.41 | ≤-23.20 | 2.00 | 0.00 | 51.79 | ≤74 | PASS |
|      |      |      |          | Peak | 2390.000 | -52.59 | ≤-23.20 | 2.00 | 0.00 | 44.61 | ≤74 | PASS |
|      |      | High | 2480     | AV   | 2483.500 | -56.82 | ≤-44.33 | 2.00 | 1.13 | 41.51 | ≤54 | PASS |
|      |      |      |          | AV   | 2485.280 | -55.96 | ≤-44.33 | 2.00 | 1.13 | 42.37 | ≤54 | PASS |
|      |      |      |          | AV   | 2500.000 | -60.29 | ≤-44.33 | 2.00 | 1.13 | 38.04 | ≤54 | PASS |
|      |      |      |          | Peak | 2483.500 | -45.99 | ≤-23.20 | 2.00 | 0.00 | 51.21 | ≤74 | PASS |
|      |      |      |          | Peak | 2483.520 | -45.99 | ≤-23.20 | 2.00 | 0.00 | 51.21 | ≤74 | PASS |
|      |      |      |          | Peak | 2500.000 | -52.24 | ≤-23.20 | 2.00 | 0.00 | 44.96 | ≤74 | PASS |
|      |      | Low  | Hop_2402 | Peak | 2310.000 | -50.48 | ≤-23.20 | 2.00 | 0.00 | 46.72 | ≤74 | PASS |
|      |      |      |          | Peak | 2375.285 | -45.54 | ≤-23.20 | 2.00 | 0.00 | 51.66 | ≤74 | PASS |
|      |      |      |          | Peak | 2390.000 | -51.98 | ≤-23.20 | 2.00 | 0.00 | 45.22 | ≤74 | PASS |
|      |      | High | Hop_2480 | Peak | 2483.500 | -52.77 | ≤-23.20 | 2.00 | 0.00 | 44.43 | ≤74 | PASS |
|      |      |      |          | Peak | 2497.760 | -48.63 | ≤-23.20 | 2.00 | 0.00 | 48.57 | ≤74 | PASS |
|      |      |      |          | Peak | 2500.000 | -50.69 | ≤-23.20 | 2.00 | 0.00 | 46.51 | ≤74 | PASS |
| 3DH5 | Ant1 | Low  | 2402     | AV   | 2310.000 | -60.7  | ≤-44.33 | 2.00 | 1.13 | 37.63 | ≤54 | PASS |
|      |      |      |          | AV   | 2378.015 | -53.37 | ≤-44.33 | 2.00 | 1.13 | 44.96 | ≤54 | PASS |
|      |      |      |          | AV   | 2390.000 | -59.59 | ≤-44.33 | 2.00 | 1.13 | 38.74 | ≤54 | PASS |
|      |      |      |          | Peak | 2310.000 | -52.5  | ≤-      | 2.00 | 0.00 | 44.70 | ≤74 | PASS |

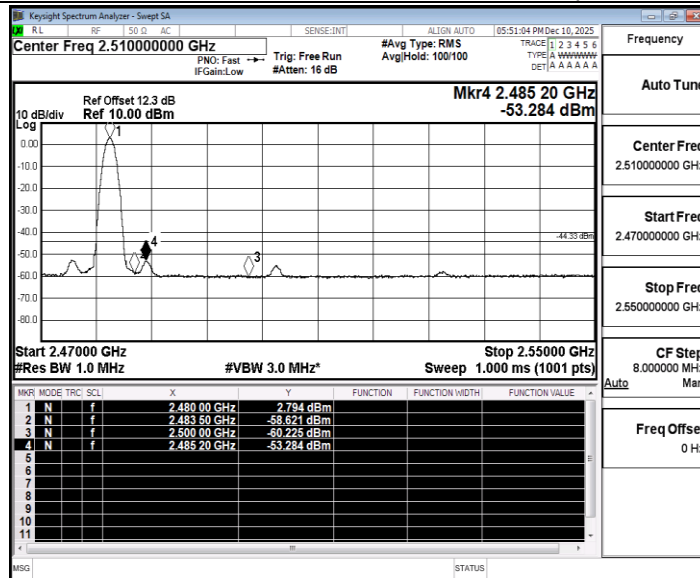
|  |  |      |          |      |          |        |             |      |      |       |     |      |
|--|--|------|----------|------|----------|--------|-------------|------|------|-------|-----|------|
|  |  |      |          |      |          |        | 23.20       |      |      |       |     |      |
|  |  |      |          | Peak | 2377.910 | -47.11 | ≤-<br>23.20 | 2.00 | 0.00 | 50.09 | ≤74 | PASS |
|  |  |      |          | Peak | 2390.000 | -50.4  | ≤-<br>23.20 | 2.00 | 0.00 | 46.80 | ≤74 | PASS |
|  |  | High | 2480     | AV   | 2483.500 | -57.45 | ≤-<br>44.33 | 2.00 | 1.13 | 40.88 | ≤54 | PASS |
|  |  |      |          | AV   | 2485.360 | -55.51 | ≤-<br>44.33 | 2.00 | 1.13 | 42.82 | ≤54 | PASS |
|  |  |      |          | AV   | 2500.000 | -60.46 | ≤-<br>44.33 | 2.00 | 1.13 | 37.87 | ≤54 | PASS |
|  |  |      |          | Peak | 2483.500 | -45.67 | ≤-<br>23.20 | 2.00 | 0.00 | 51.53 | ≤74 | PASS |
|  |  |      |          | Peak | 2483.520 | -45.67 | ≤-<br>23.20 | 2.00 | 0.00 | 51.53 | ≤74 | PASS |
|  |  |      |          | Peak | 2500.000 | -51.91 | ≤-<br>23.20 | 2.00 | 0.00 | 45.29 | ≤74 | PASS |
|  |  | Low  | Hop_2402 | Peak | 2310.000 | -52    | ≤-<br>23.20 | 2.00 | 0.00 | 45.20 | ≤74 | PASS |
|  |  |      |          | Peak | 2364.575 | -46.38 | ≤-<br>23.20 | 2.00 | 0.00 | 50.82 | ≤74 | PASS |
|  |  |      |          | Peak | 2390.000 | -49.35 | ≤-<br>23.20 | 2.00 | 0.00 | 47.85 | ≤74 | PASS |
|  |  | High | Hop_2480 | Peak | 2483.500 | -51.45 | ≤-<br>23.20 | 2.00 | 0.00 | 45.75 | ≤74 | PASS |
|  |  |      |          | Peak | 2492.560 | -48.84 | ≤-<br>23.20 | 2.00 | 0.00 | 48.36 | ≤74 | PASS |
|  |  |      |          | Peak | 2500.000 | -51.66 | ≤-<br>23.20 | 2.00 | 0.00 | 45.54 | ≤74 | PASS |

## Note:

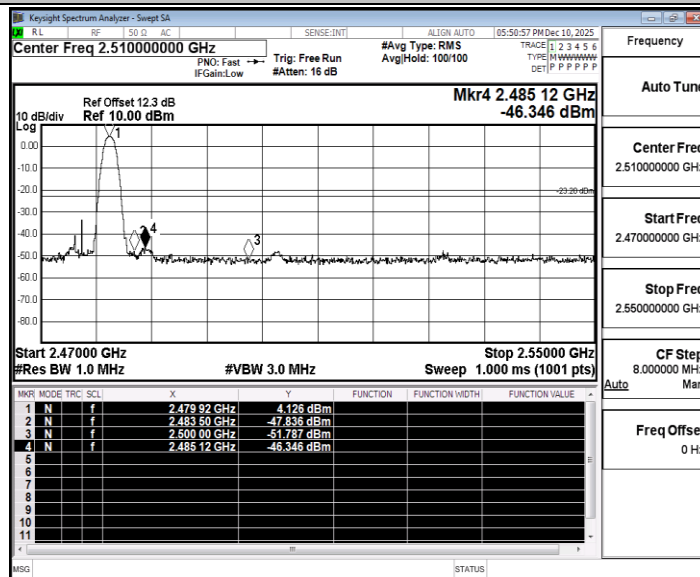
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

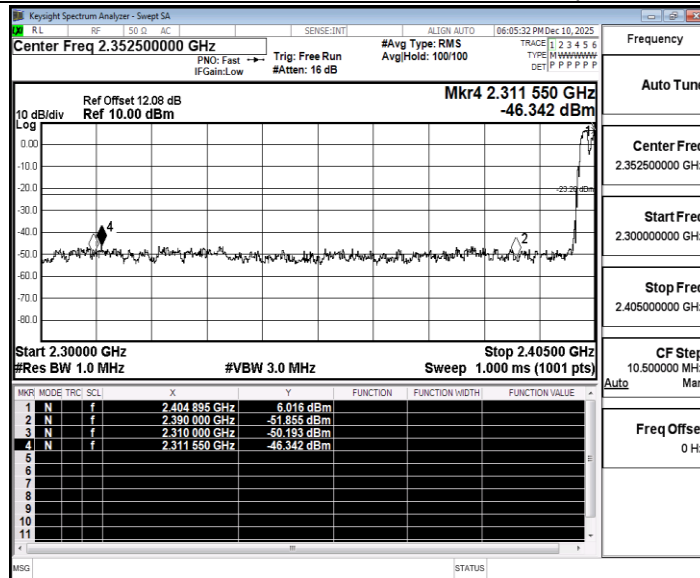




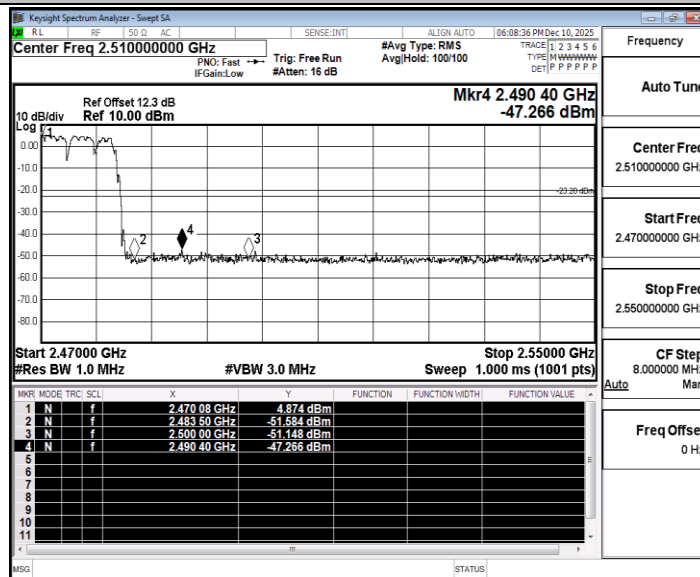
DH5\_Ant1\_High\_2480\_Peak



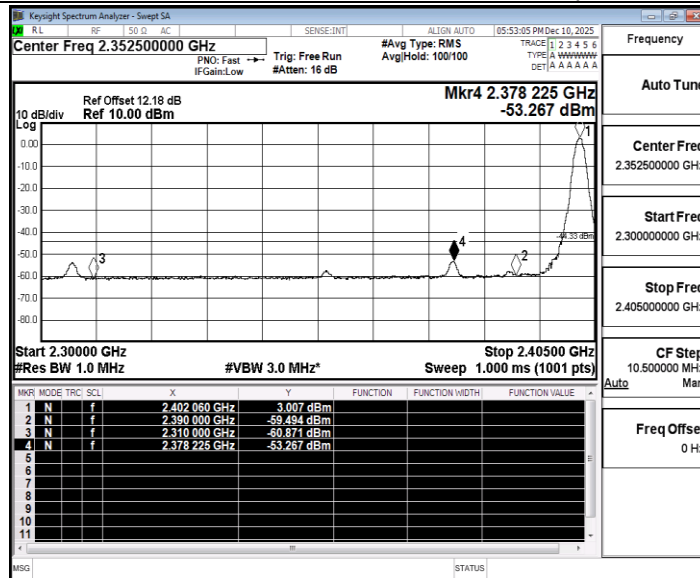
DH5\_Ant1\_Low\_Hop\_2402\_Peak



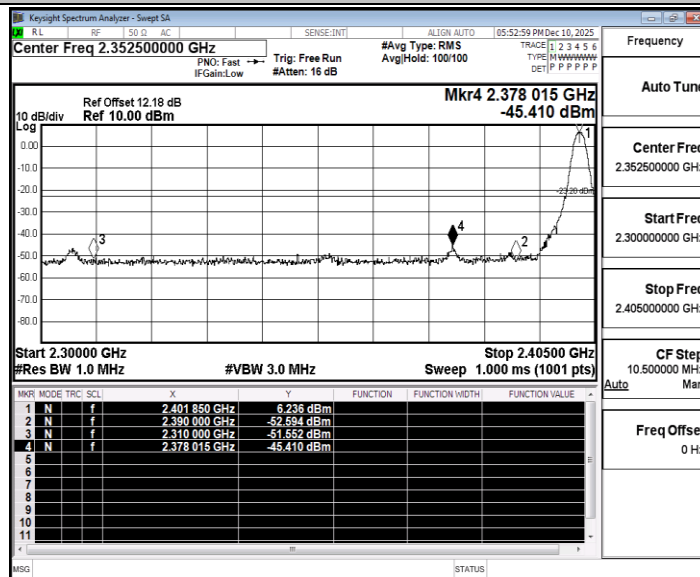
DH5\_Ant1\_High\_Hop\_2480\_Peak



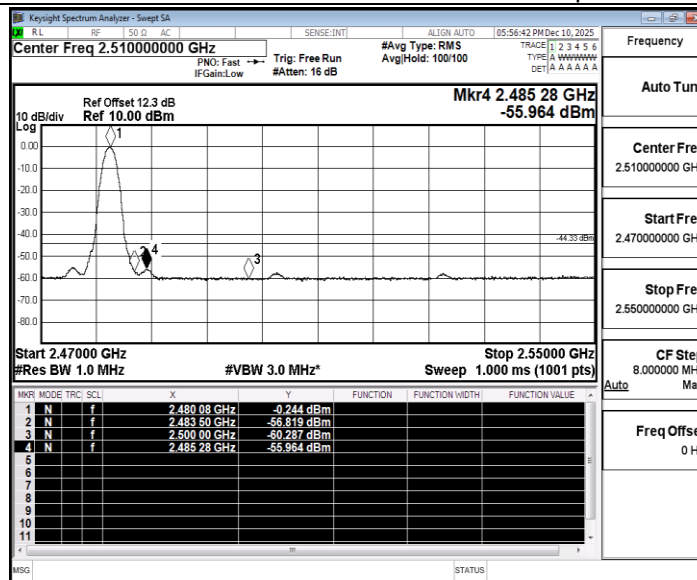
2DH5\_Ant1\_Low\_2402\_AV



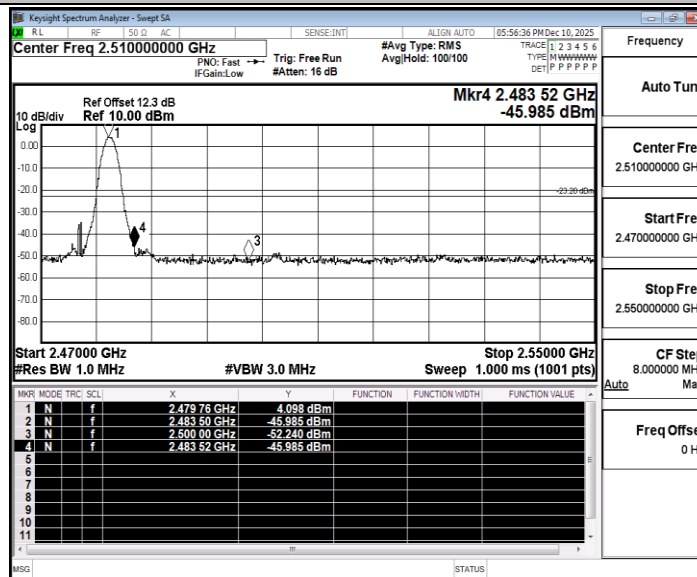
2DH5\_Ant1\_Low\_2402\_Peak



2DH5\_Ant1\_High\_2480\_AV



2DH5\_Ant1\_High\_2480\_Peak



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