



## Appendix A

### RF Test Data for BT (Conducted Measurement)

**Product Name: THE FITNESS EARBUDS**

**Trade Mark: Raycon**

**Test Model: RBE745**

#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 25 ° C    |
| Relative Humidity: | 50%       |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jay Li    |
| Supervised by:     | Li Huan   |



## Appendix A.1: Maximum conducted output power

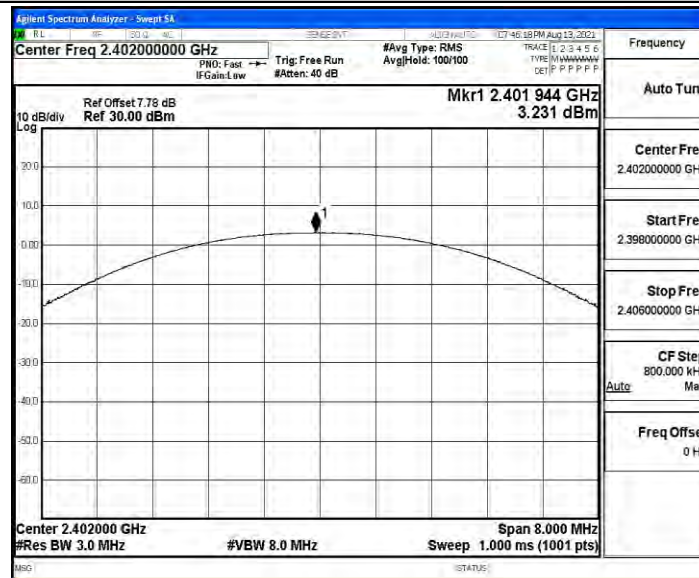
### Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH5      | Ant1    | 2402    | 3.23        | ≤20.97     | PASS    |
|          |         | 2441    | 2.82        | ≤20.97     | PASS    |
|          |         | 2480    | 3.11        | ≤20.97     | PASS    |
| 2DH5     | Ant1    | 2402    | 2.33        | ≤20.97     | PASS    |
|          |         | 2441    | 3.58        | ≤20.97     | PASS    |
|          |         | 2480    | 2.25        | ≤20.97     | PASS    |
| 3DH5     | Ant1    | 2402    | 2.46        | ≤20.97     | PASS    |
|          |         | 2441    | 3.75        | ≤20.97     | PASS    |
|          |         | 2480    | 2.43        | ≤20.97     | PASS    |

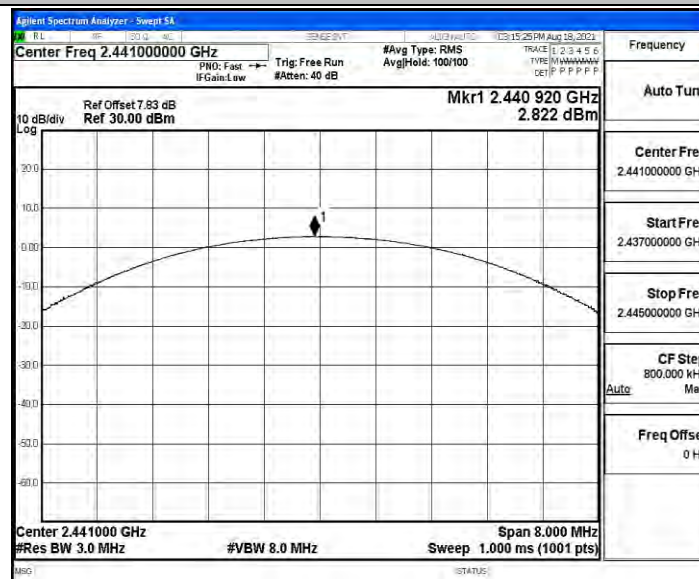


## Test Graphs

DH5\_Ant1\_2402

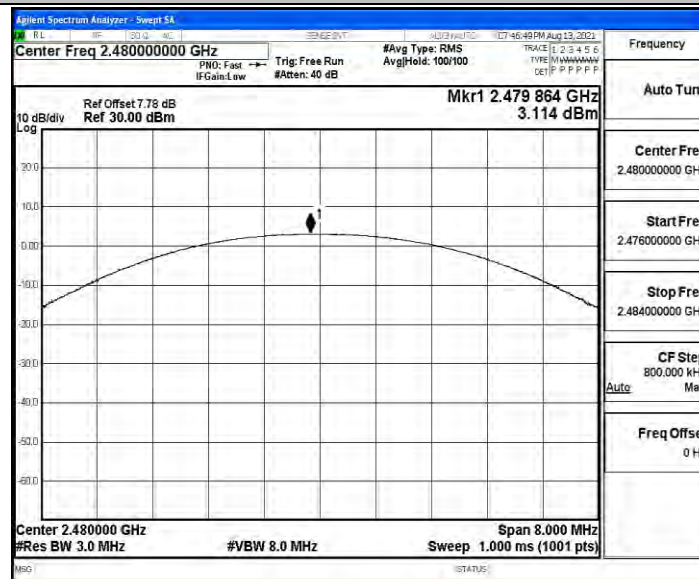


DH5\_Ant1\_2441

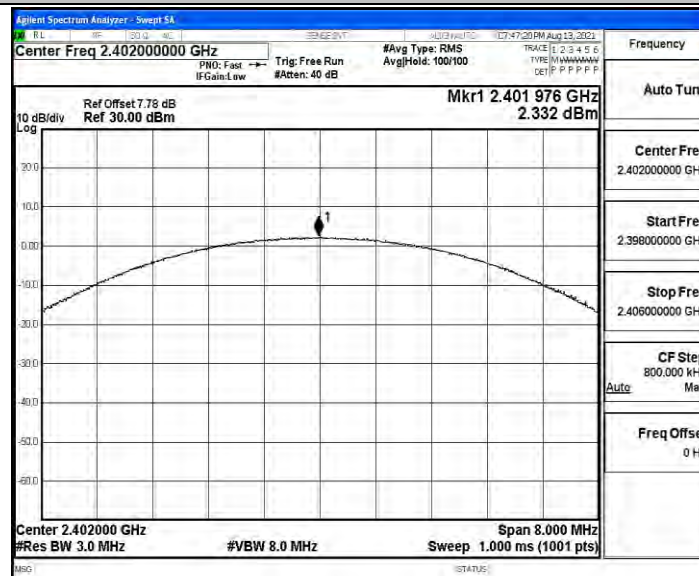




## DH5\_Ant1\_2480

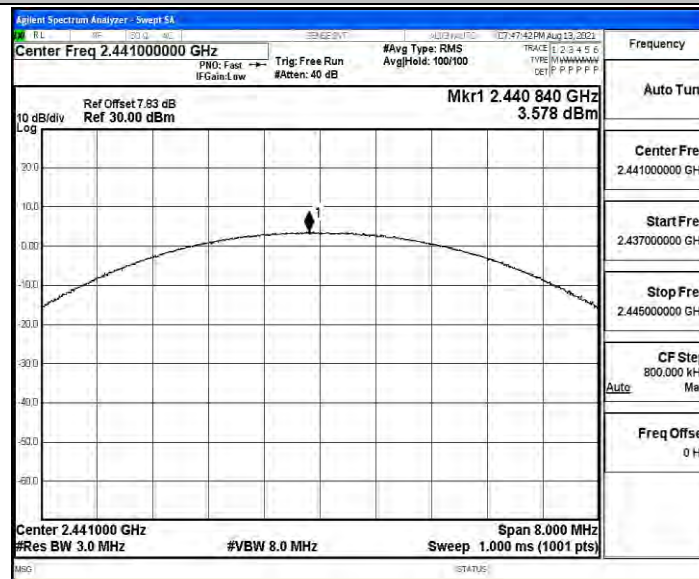


## 2DH5\_Ant1\_2402

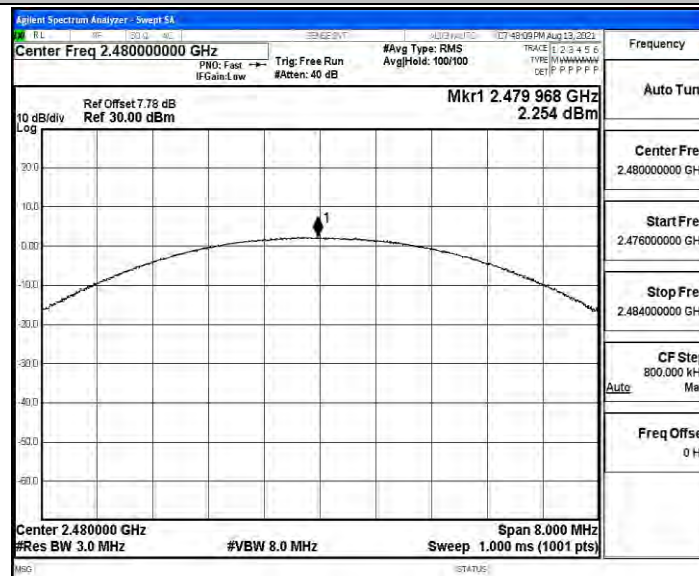




## 2DH5\_Ant1\_2441

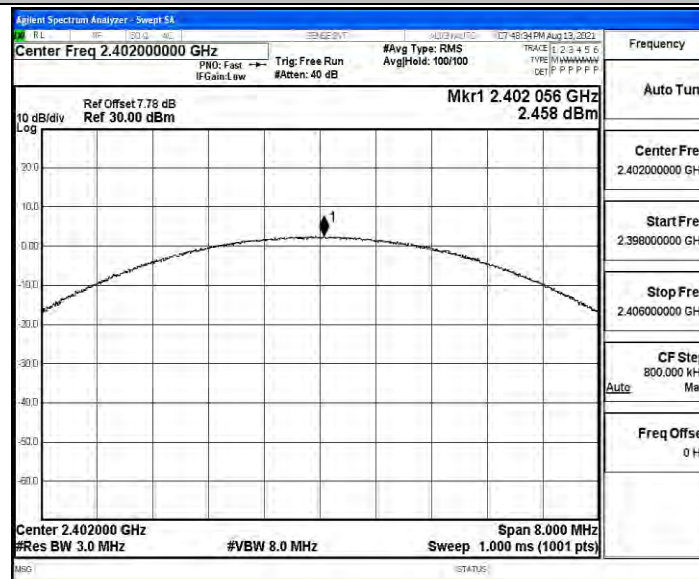


## 2DH5\_Ant1\_2480

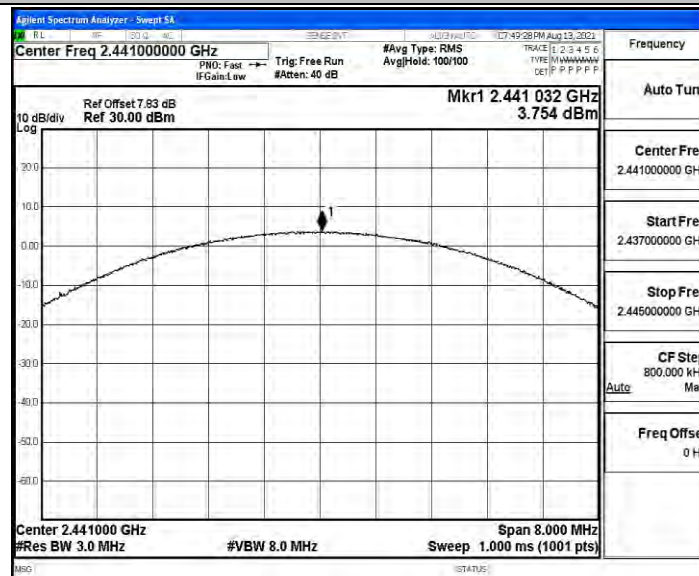




## 3DH5\_Ant1\_2402



## 3DH5\_Ant1\_2441



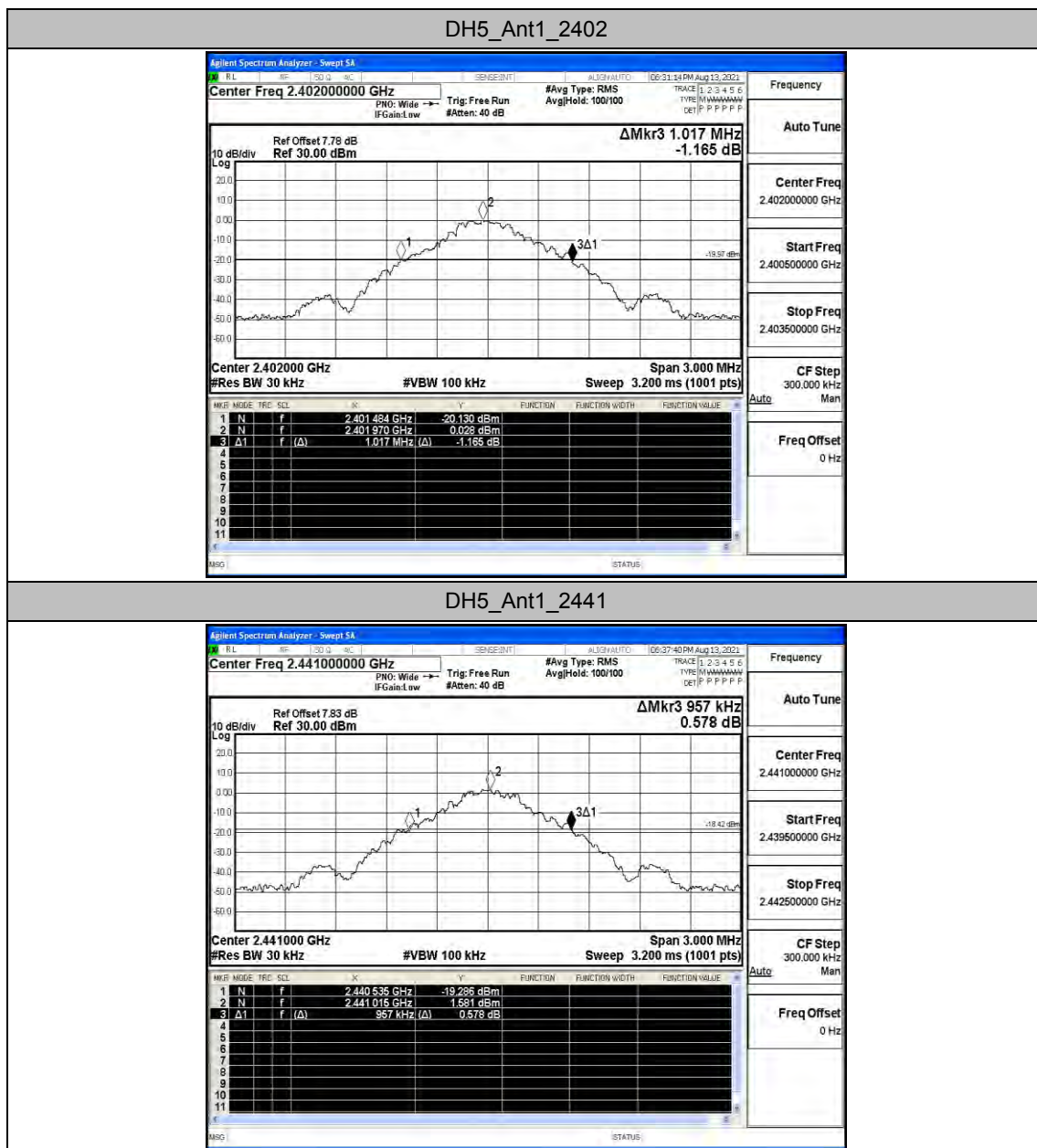
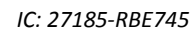




## Appendix A.2.1: 20dB Emission Bandwidth

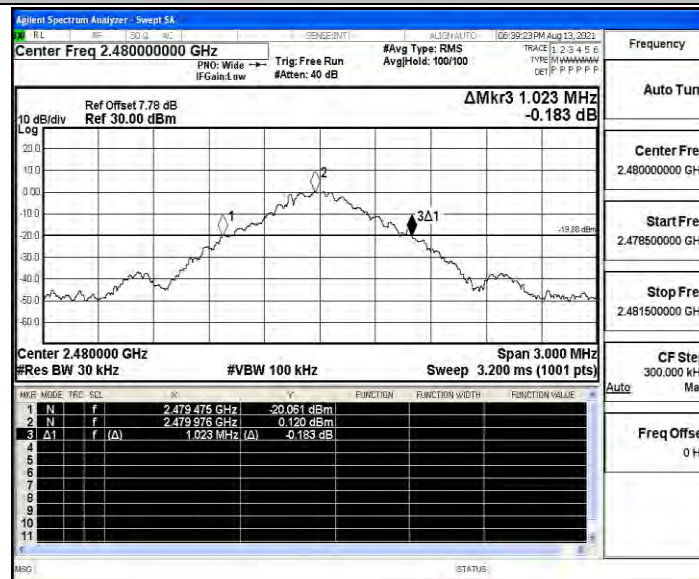
### Test Result

| TestMode | Antenna | Channel | 20db<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|------------------|----------|----------|------------|---------|
| DH5      | Ant1    | 2402    | 1.017            | 2401.484 | 2402.501 | ---        | PASS    |
|          |         | 2441    | 0.957            | 2440.535 | 2441.492 | ---        | PASS    |
|          |         | 2480    | 1.023            | 2479.475 | 2480.498 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.332            | 2401.334 | 2402.666 | ---        | PASS    |
|          |         | 2441    | 1.287            | 2440.367 | 2441.654 | ---        | PASS    |
|          |         | 2480    | 1.314            | 2479.343 | 2480.657 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.323            | 2401.343 | 2402.666 | ---        | PASS    |
|          |         | 2441    | 1.293            | 2440.349 | 2441.642 | ---        | PASS    |
|          |         | 2480    | 1.296            | 2479.352 | 2480.648 | ---        | PASS    |

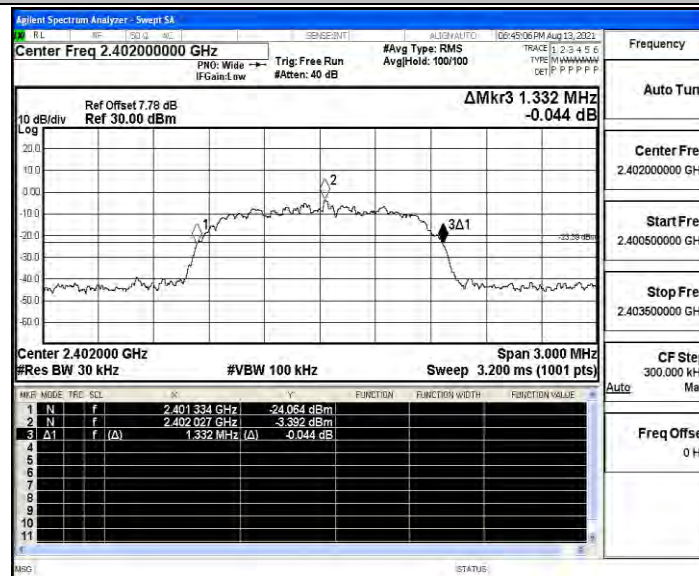




## DH5\_Ant1\_2480

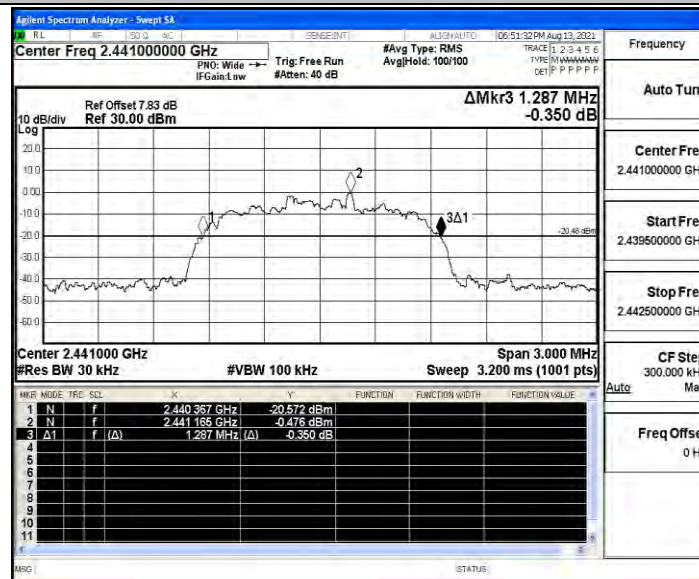


## 2DH5\_Ant1\_2402

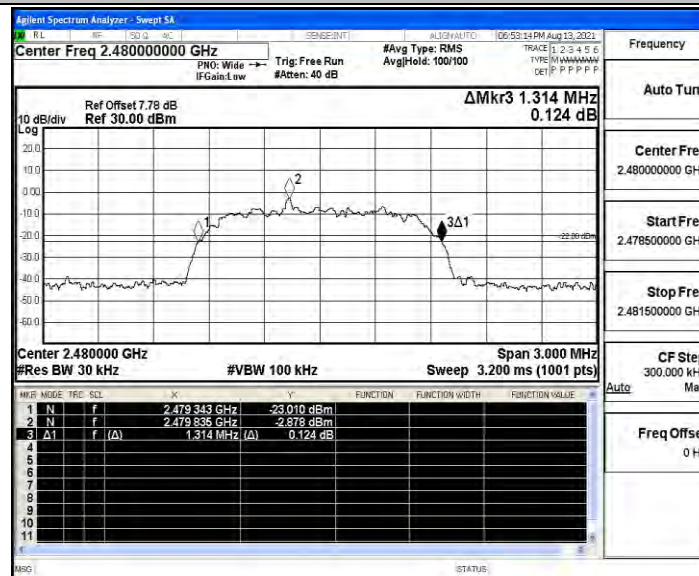




## 2DH5\_Ant1\_2441

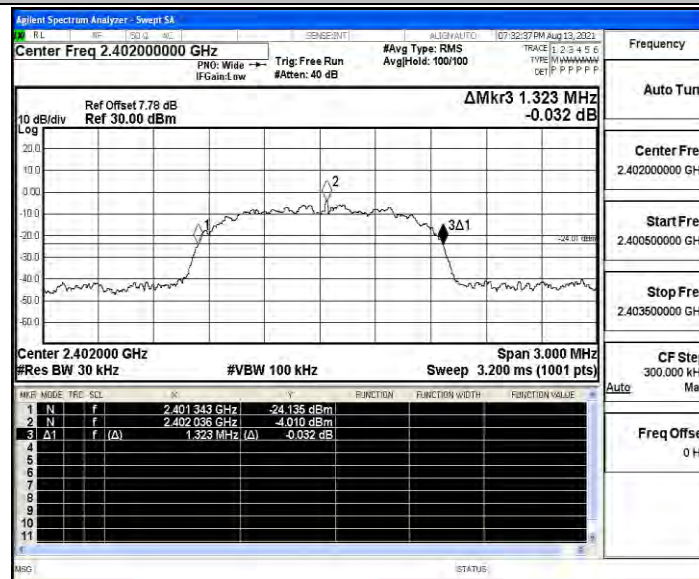


## 2DH5\_Ant1\_2480

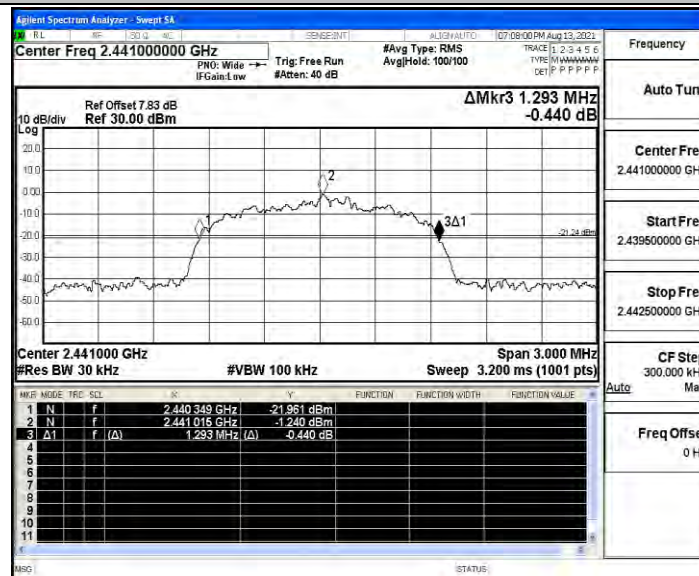




## 3DH5\_Ant1\_2402

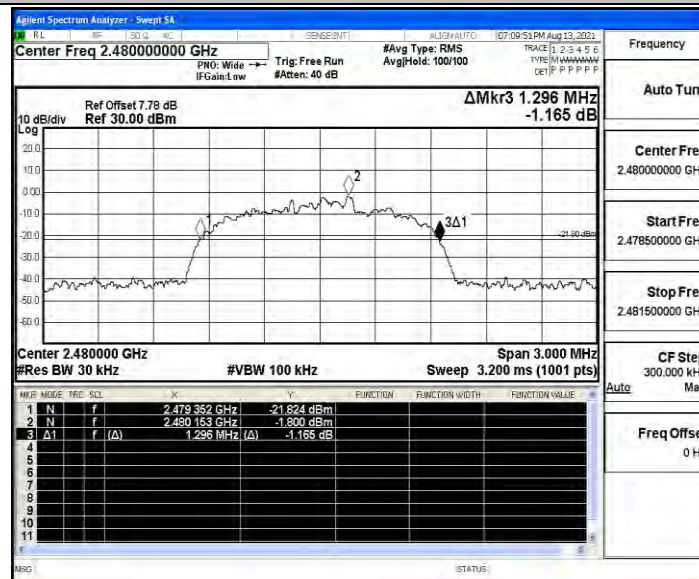


## 3DH5\_Ant1\_2441





## 3DH5\_Ant1\_2480





## Appendix A.2.2: Occupied Channel Bandwidth

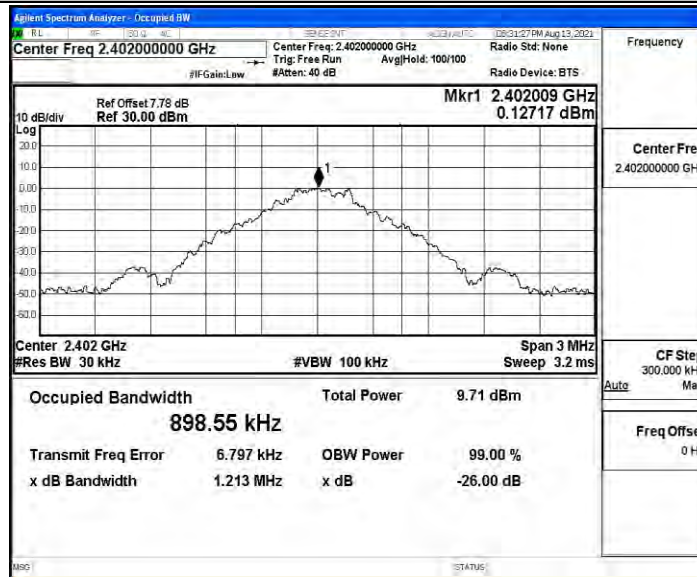
### Test Result

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|----------|----------|------------|---------|
| DH5      | Ant1    | 2402    | 0.89855   | 2401.558 | 2402.456 | ---        | PASS    |
|          |         | 2441    | 0.90663   | 2440.552 | 2441.458 | ---        | PASS    |
|          |         | 2480    | 0.88556   | 2479.560 | 2480.445 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.1908    | 2401.406 | 2402.596 | ---        | PASS    |
|          |         | 2441    | 1.1766    | 2440.413 | 2441.590 | ---        | PASS    |
|          |         | 2480    | 1.1932    | 2479.402 | 2480.596 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.1956    | 2401.404 | 2402.599 | ---        | PASS    |
|          |         | 2441    | 1.1982    | 2440.400 | 2441.598 | ---        | PASS    |
|          |         | 2480    | 1.2111    | 2479.391 | 2480.602 | ---        | PASS    |

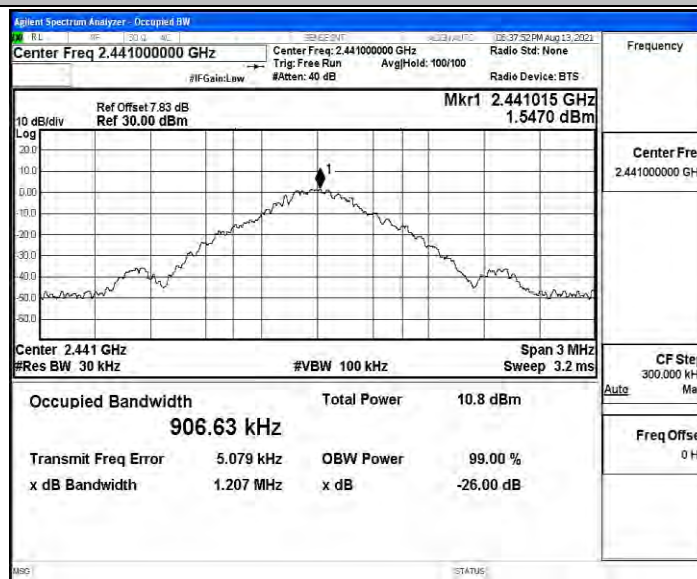


## Test Graphs

DH5\_Ant1\_2402

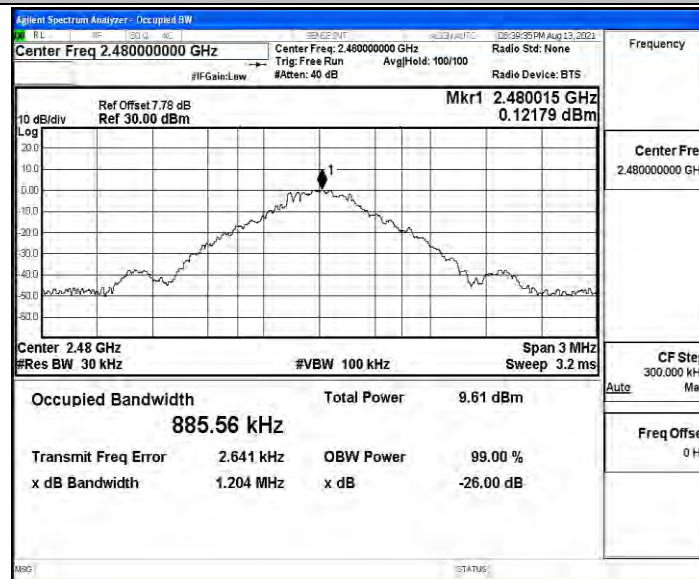


DH5\_Ant1\_2441

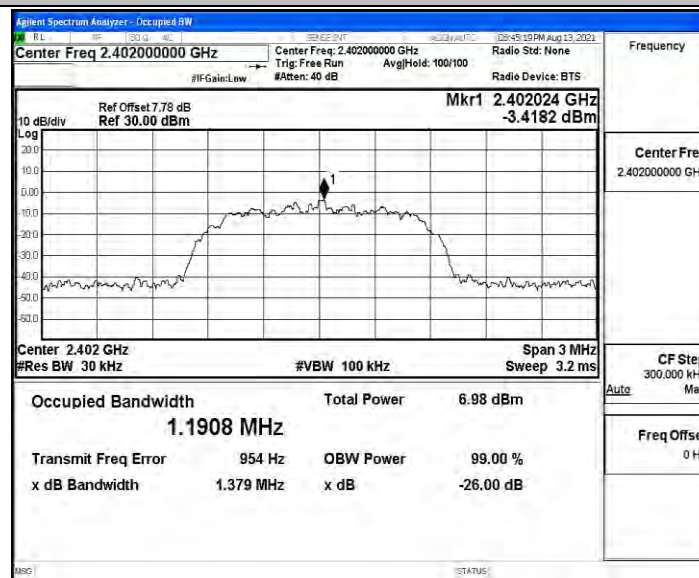




## DH5\_Ant1\_2480



## 2DH5\_Ant1\_2402

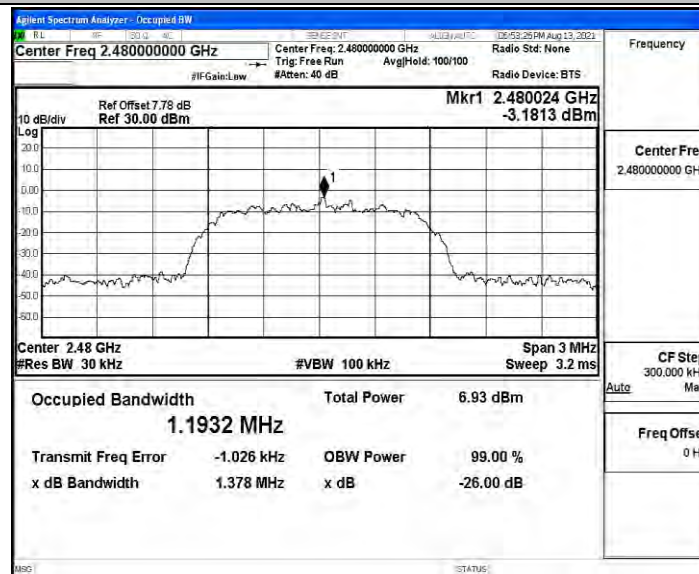




## 2DH5\_Ant1\_2441

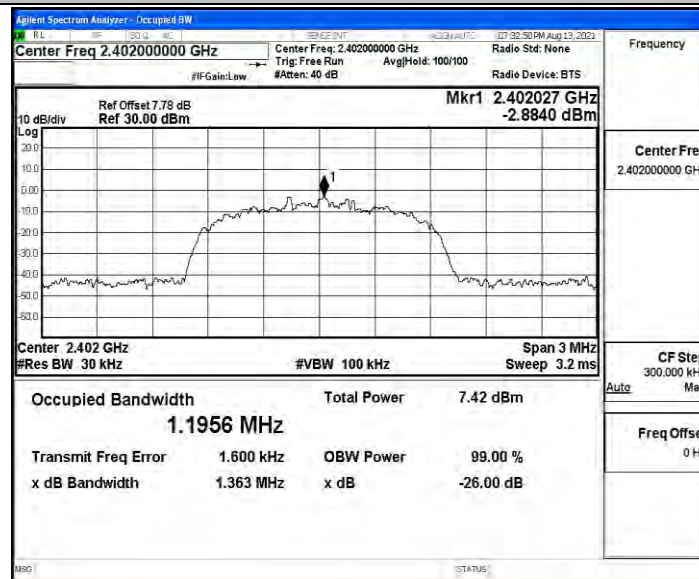


## 2DH5\_Ant1\_2480

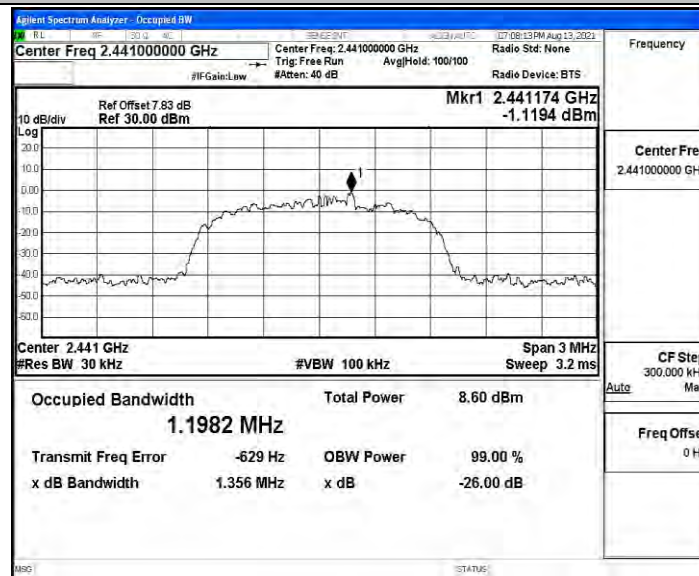




## 3DH5\_Ant1\_2402

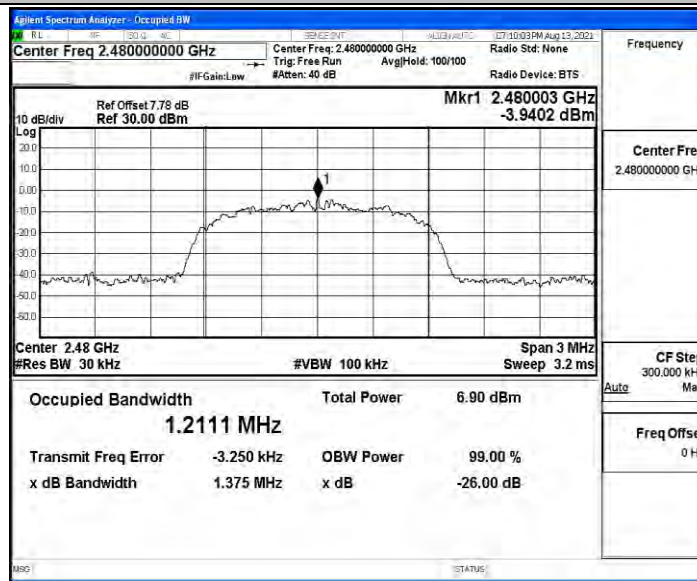


## 3DH5\_Ant1\_2441





## 3DH5\_Ant1\_2480





## Appendix A.3: Carrier frequency separation

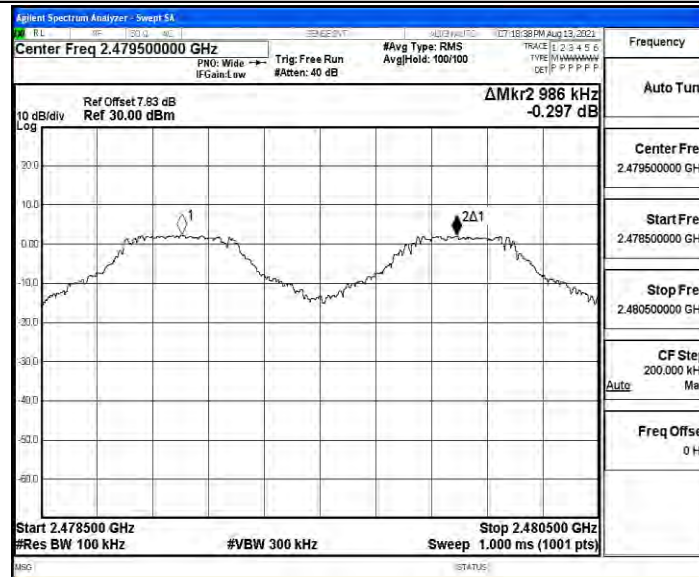
### Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH5      | Ant1    | Hop     | 0.986       | $\geq 0.682$ | PASS    |
| 2DH5     | Ant1    | Hop     | 1.008       | $\geq 0.888$ | PASS    |
| 3DH5     | Ant1    | Hop     | 0.994       | $\geq 0.882$ | PASS    |

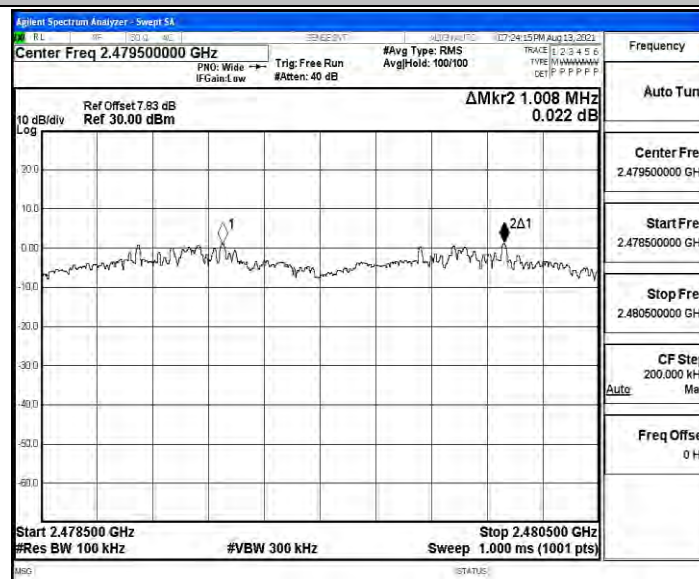


## Test Graphs

DH5\_Ant1\_Hop

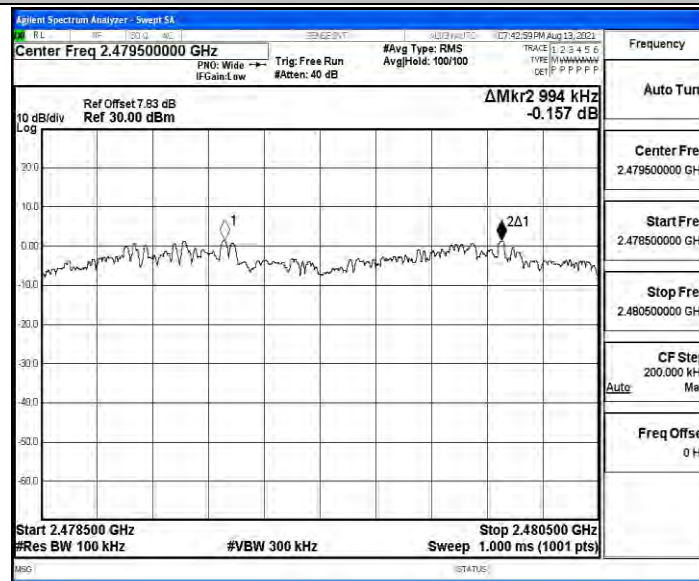


2DH5\_Ant1\_Hop





3DH5\_Ant1\_Hop





## Appendix A.4: Number of hopping channels

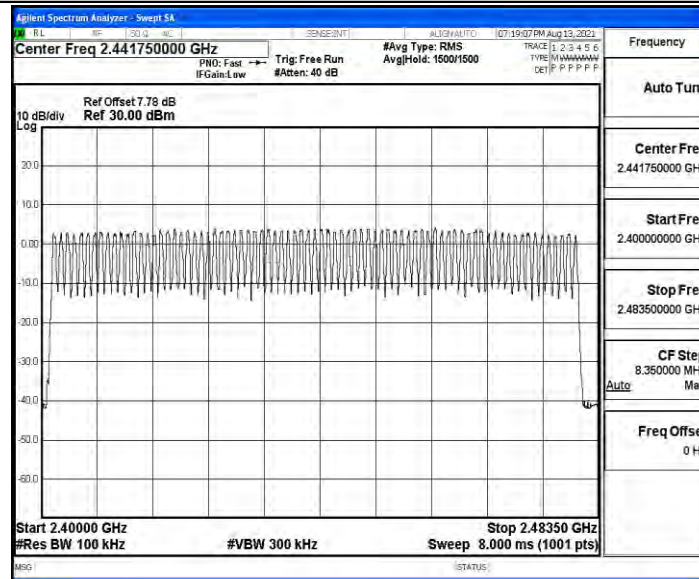
### Test Result

| TestMode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH5      | Ant1    | Hop     | 79          | ≥15        | PASS    |
| 2DH5     | Ant1    | Hop     | 79          | ≥15        | PASS    |
| 3DH5     | Ant1    | Hop     | 79          | ≥15        | PASS    |

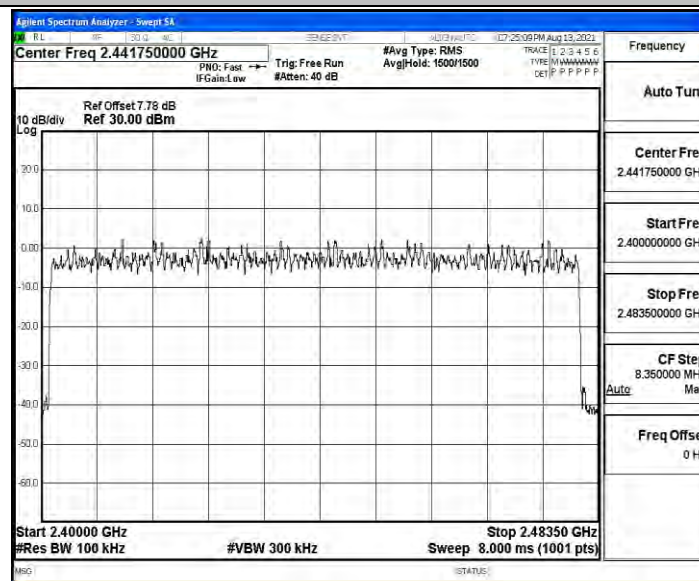


## Test Graphs

DH5\_Ant1\_Hop

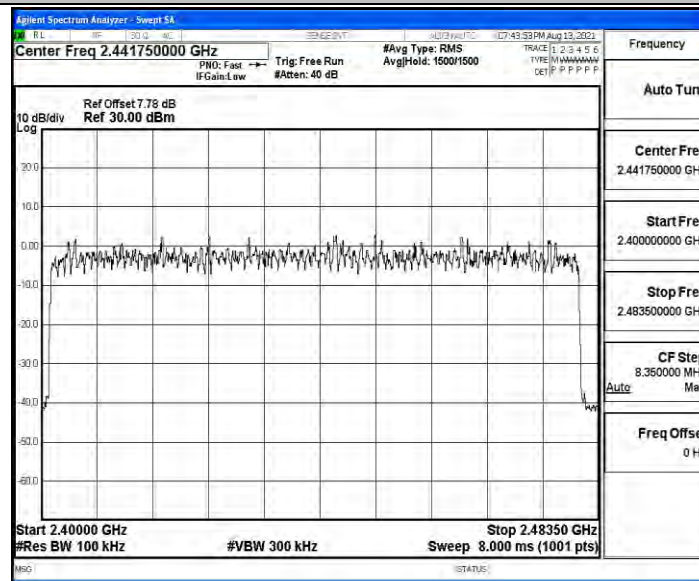


2DH5\_Ant1\_Hop





3DH5\_Ant1\_Hop





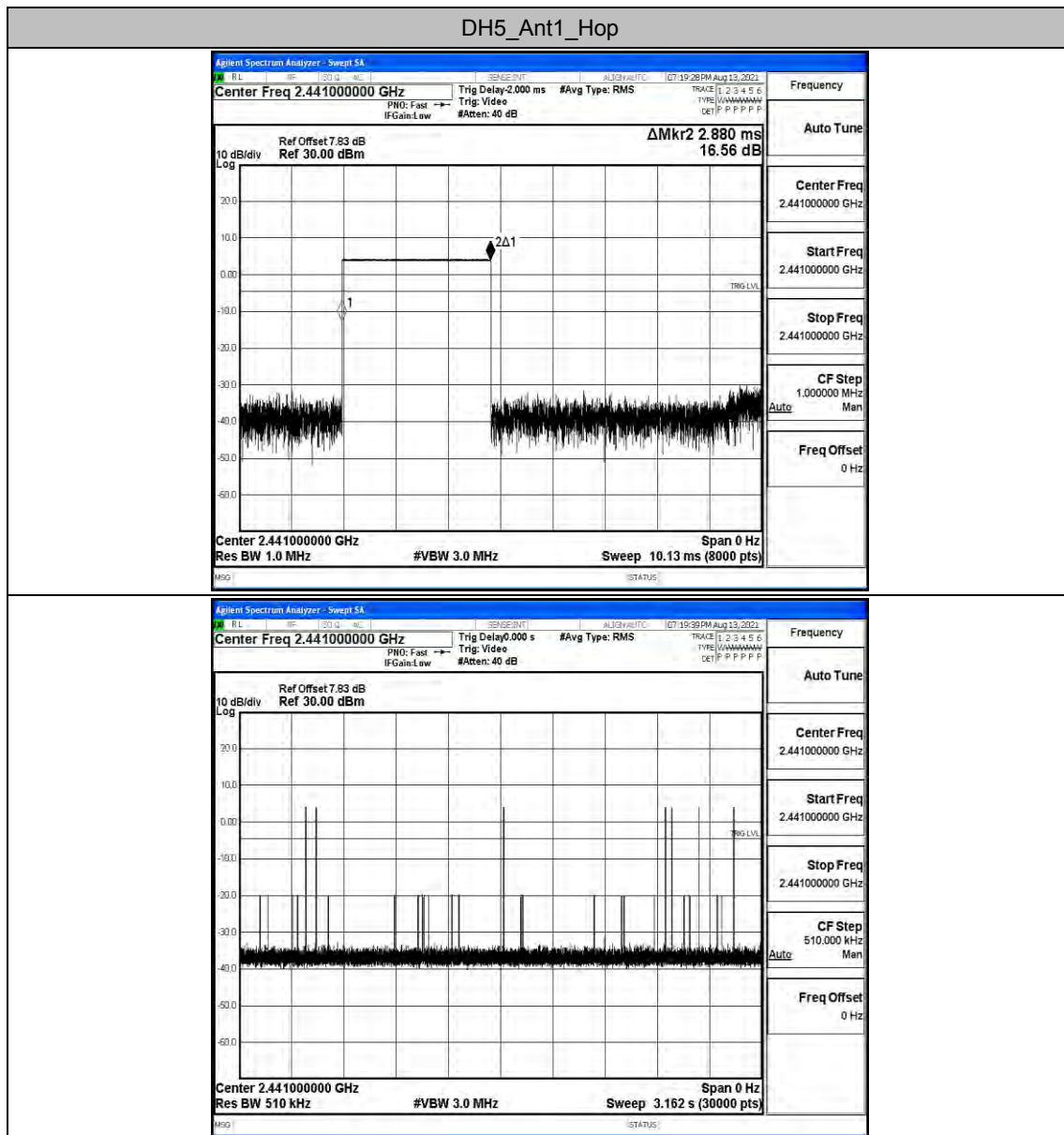
## Appendix A.5.1: Time of occupancy

### Test Result

| TestMode | Antenna | Channel | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|----------|---------|
| DH5      | Ant1    | Hop     | 2.88               | 80                 | 0.23      | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop     | 2.88               | 80                 | 0.231     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop     | 2.89               | 100                | 0.289     | ≤0.4     | PASS    |

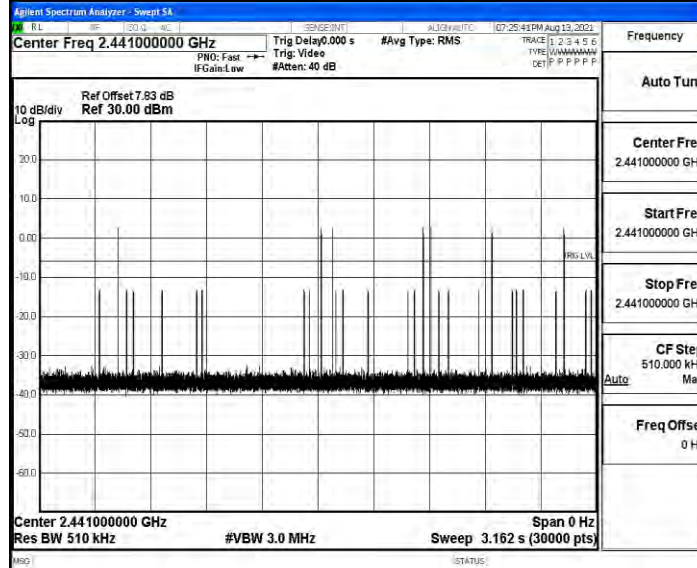
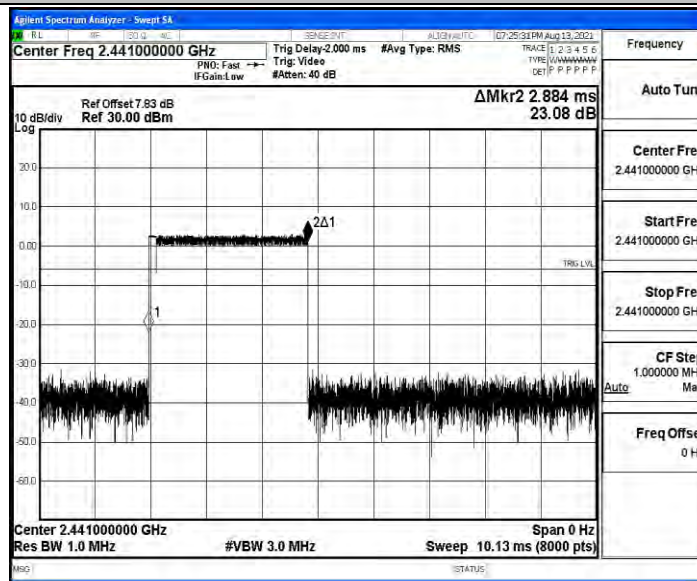


## Test Graphs



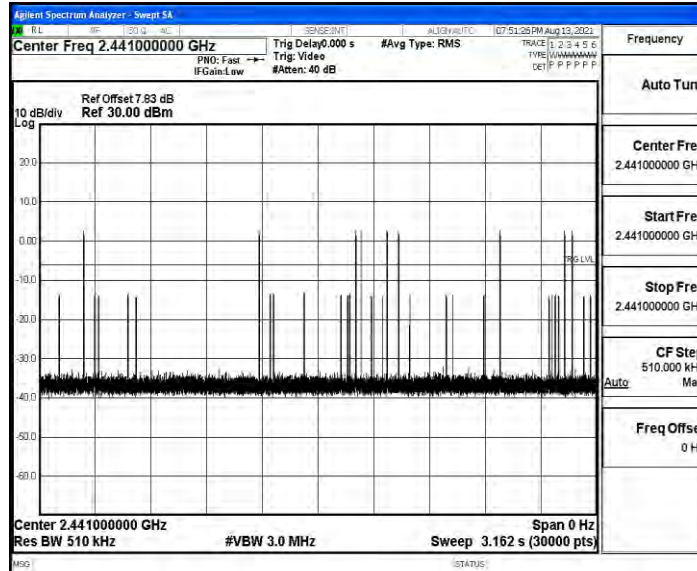
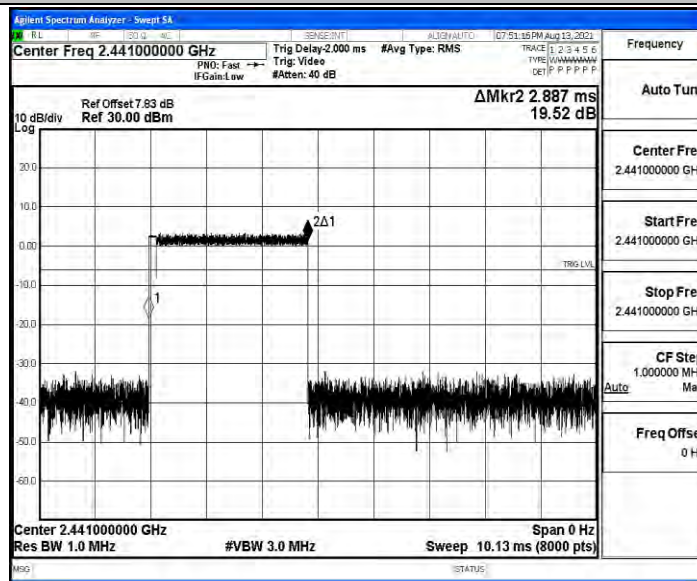


## 2DH5\_Ant1\_Hop





## 3DH5\_Ant1\_Hop

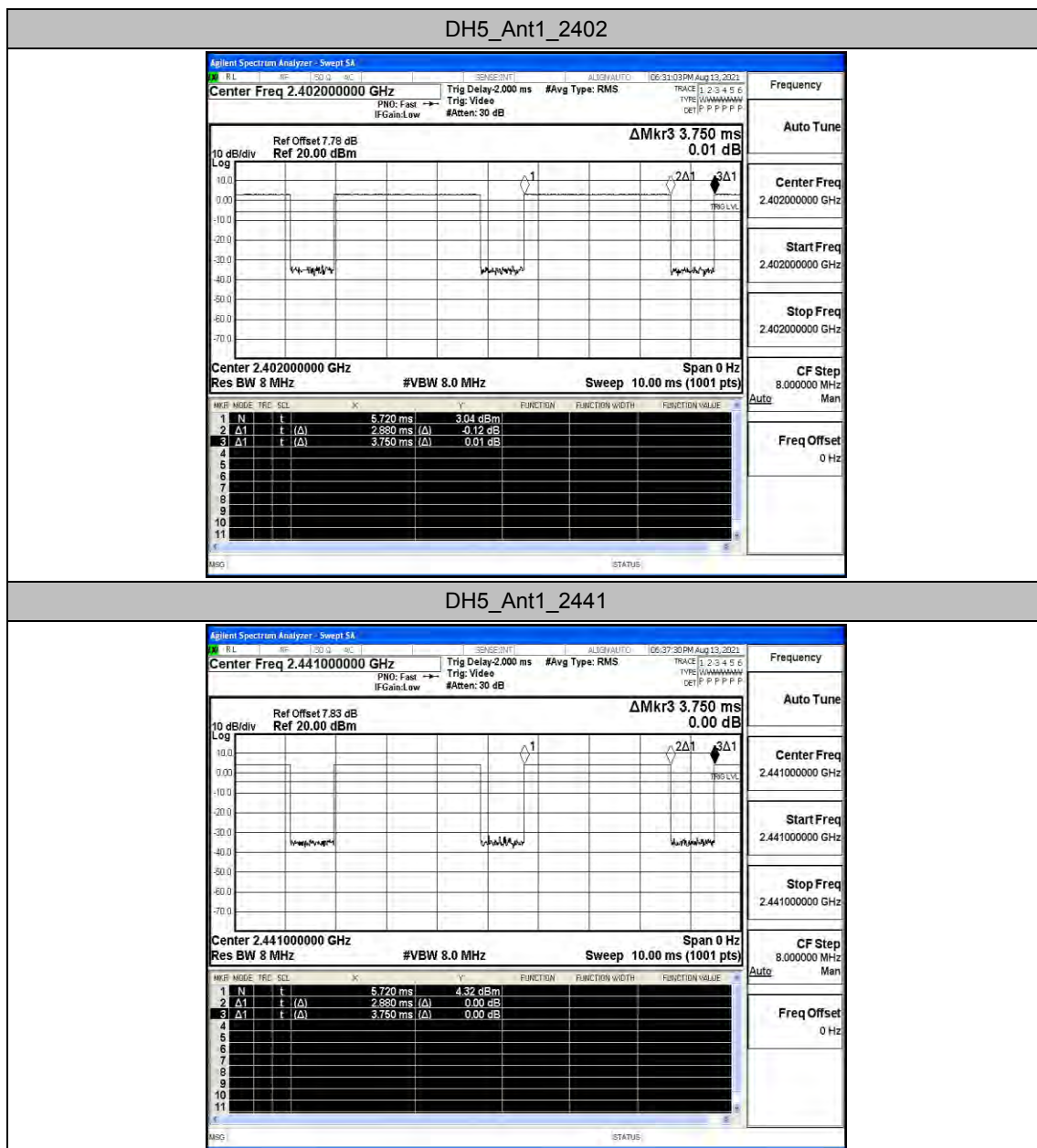
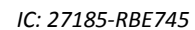


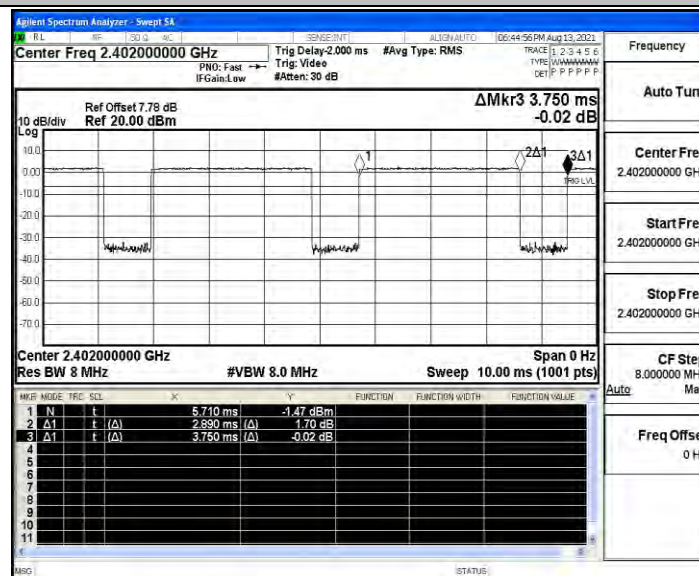
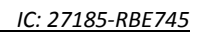


## Appendix A.5.2: Duty Cycle

### Test Result

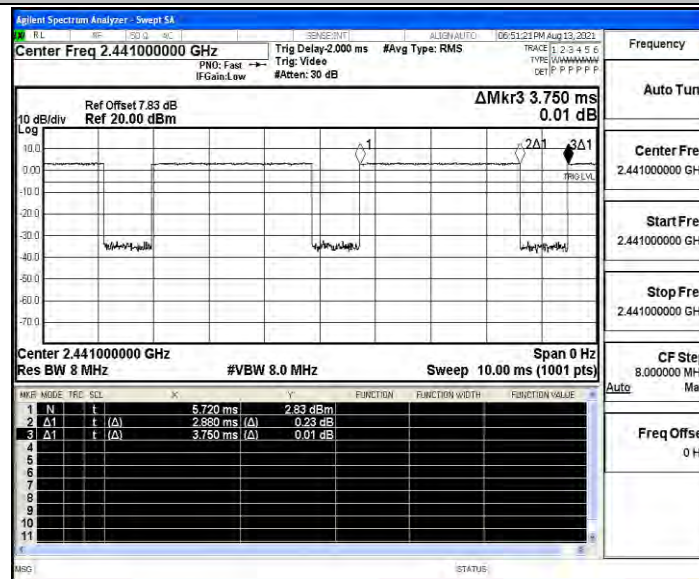
| TestMode | Antenna | Channel | ON Time<br>[ms] | Period<br>[ms] | X      | DC<br>[%] | xFactor | Limit | Verdict |
|----------|---------|---------|-----------------|----------------|--------|-----------|---------|-------|---------|
| DH5      | Ant1    | 2402    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
|          |         | 2441    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
|          |         | 2480    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |
| 2DH5     | Ant1    | 2402    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |
|          |         | 2441    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
|          |         | 2480    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
| 3DH5     | Ant1    | 2402    | 2.88            | 3.75           | 0.7680 | 76.80     | 1.15    | ---   | PASS    |
|          |         | 2441    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |
|          |         | 2480    | 2.89            | 3.75           | 0.7707 | 77.07     | 1.13    | ---   | PASS    |



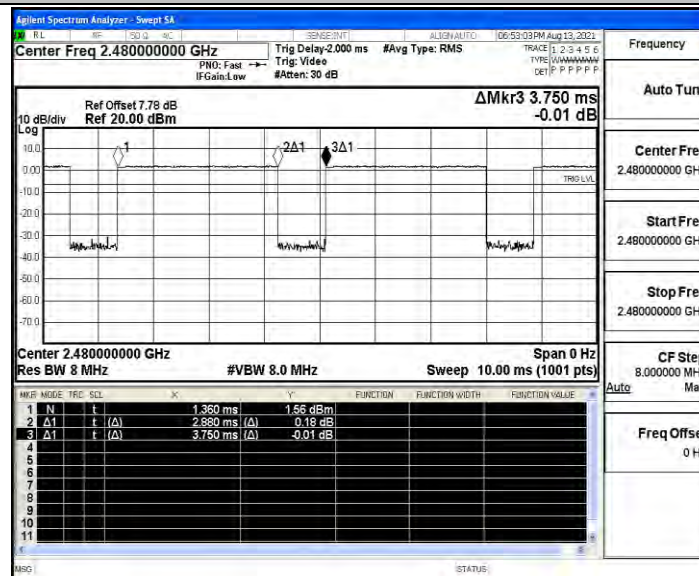




## 2DH5\_Ant1\_2441



## 2DH5\_Ant1\_2480









## Appendix A.6: Conducted Spurious Emission

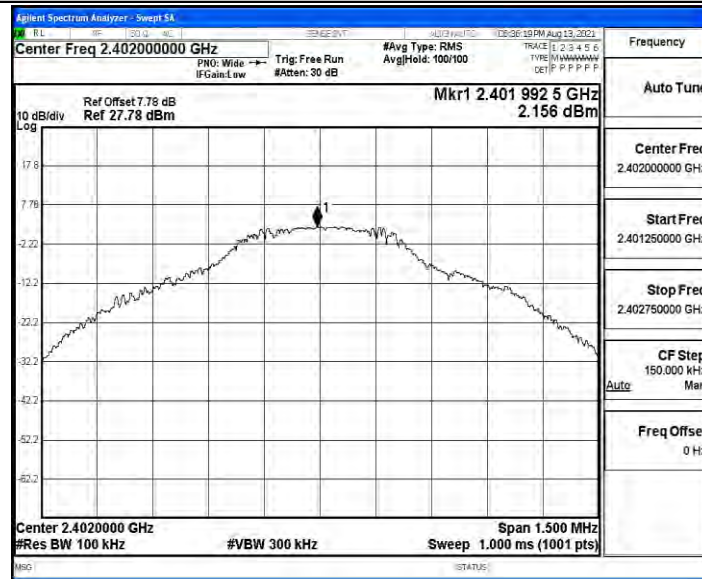
### Test Result

| TestMode | Antenna | Channel | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | 2402    | Reference          | 2.16              | 2.16            | ---            | PASS    |
|          |         |         | 30~1000            | 2.16              | -57.45          | ≤-17.84        | PASS    |
|          |         |         | 1000~26500         | 2.16              | -47.63          | ≤-17.84        | PASS    |
|          |         | 2441    | Reference          | 4.04              | 4.04            | ---            | PASS    |
|          |         |         | 30~1000            | 4.04              | -56.42          | ≤-15.96        | PASS    |
|          |         |         | 1000~26500         | 4.04              | -46.98          | ≤-15.96        | PASS    |
|          |         | 2480    | Reference          | 2.52              | 2.52            | ---            | PASS    |
|          |         |         | 30~1000            | 2.52              | -59.1           | ≤-17.49        | PASS    |
|          |         |         | 1000~26500         | 2.52              | -47.14          | ≤-17.49        | PASS    |
| 2DH5     | Ant1    | 2402    | Reference          | 0.79              | 0.79            | ---            | PASS    |
|          |         |         | 30~1000            | 0.79              | -58.47          | ≤-19.21        | PASS    |
|          |         |         | 1000~26500         | 0.79              | -48.14          | ≤-19.21        | PASS    |
|          |         | 2441    | Reference          | 2.23              | 2.23            | ---            | PASS    |
|          |         |         | 30~1000            | 2.23              | -57.12          | ≤-17.77        | PASS    |
|          |         |         | 1000~26500         | 2.23              | -47.19          | ≤-17.77        | PASS    |
|          |         | 2480    | Reference          | 1.00              | 1.00            | ---            | PASS    |
|          |         |         | 30~1000            | 1.00              | -56.06          | ≤-19           | PASS    |
|          |         |         | 1000~26500         | 1.00              | -47.95          | ≤-19           | PASS    |
| 3DH5     | Ant1    | 2402    | Reference          | 0.92              | 0.92            | ---            | PASS    |
|          |         |         | 30~1000            | 0.92              | -57.7           | ≤-19.08        | PASS    |
|          |         |         | 1000~26500         | 0.92              | -47.61          | ≤-19.08        | PASS    |
|          |         | 2441    | Reference          | -0.99             | -0.99           | ---            | PASS    |
|          |         |         | 30~1000            | -0.99             | -58.15          | ≤-20.99        | PASS    |
|          |         |         | 1000~26500         | -0.99             | -47.53          | ≤-20.99        | PASS    |
|          |         | 2480    | Reference          | 1.10              | 1.10            | ---            | PASS    |
|          |         |         | 30~1000            | 1.10              | -58.55          | ≤-18.9         | PASS    |
|          |         |         | 1000~26500         | 1.10              | -47.59          | ≤-18.9         | PASS    |

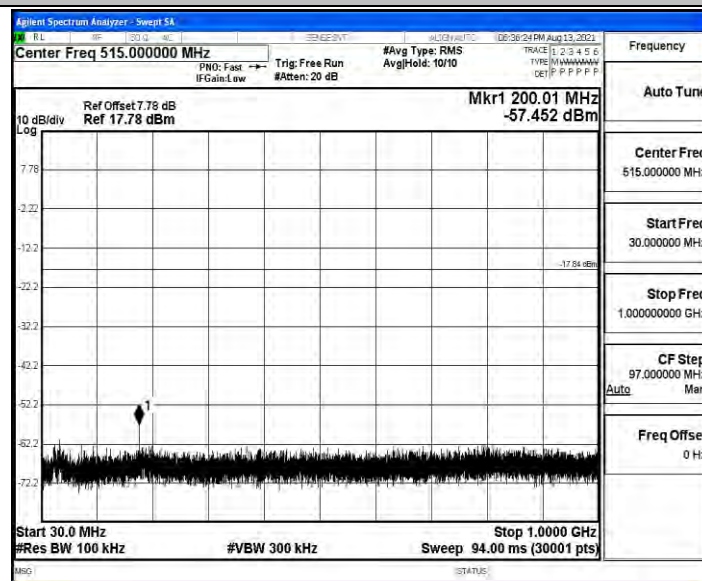


## Test Graphs

DH5\_Ant1\_2402\_0~Reference

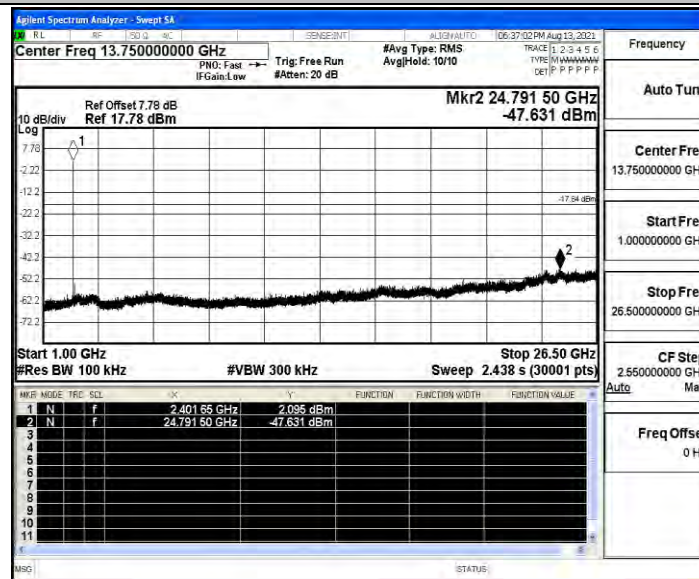


DH5\_Ant1\_2402\_30~1000

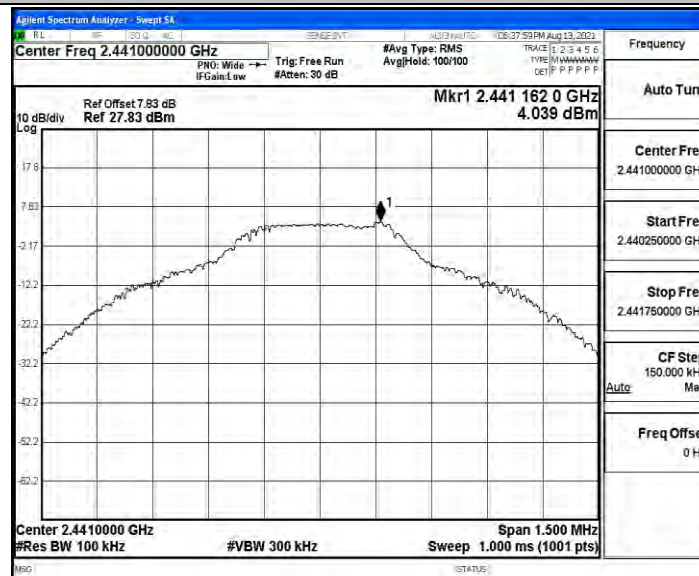




## DH5\_Ant1\_2402\_1000~26500



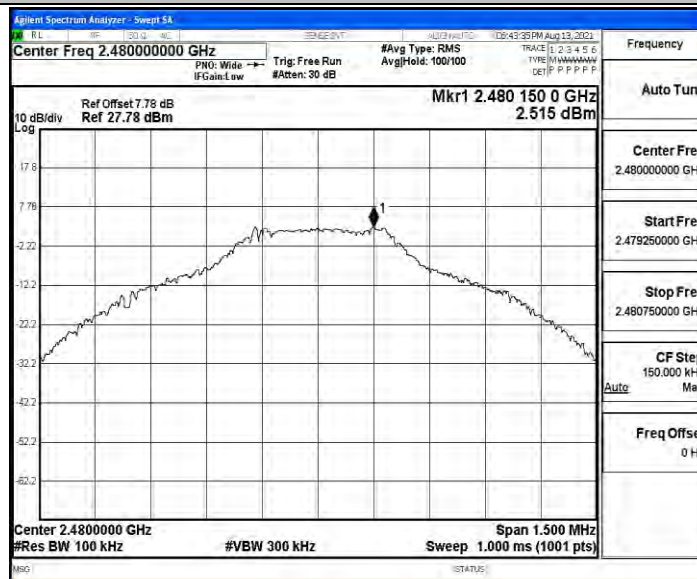
## DH5\_Ant1\_2441\_0~Reference



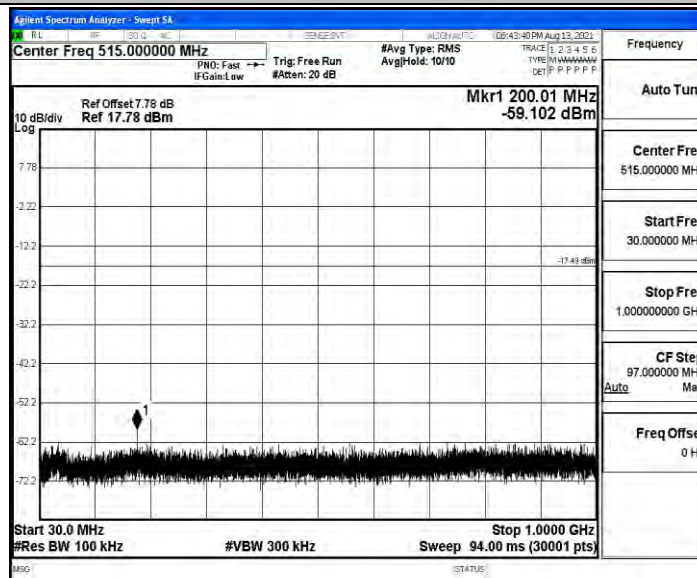




## DH5\_Ant1\_2480\_0~Reference

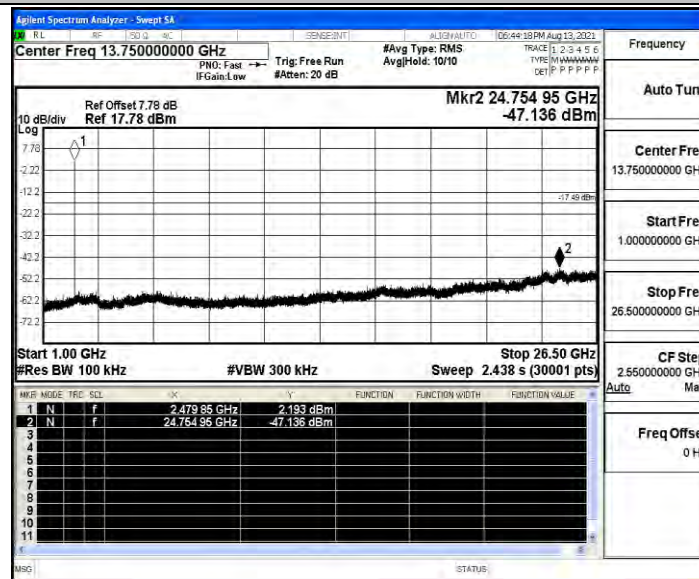


## DH5\_Ant1\_2480\_30~1000

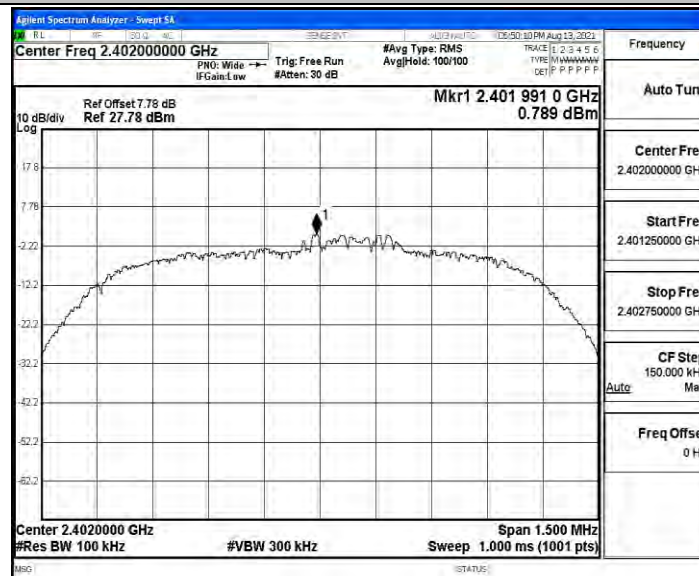




## DH5\_Ant1\_2480\_1000~26500



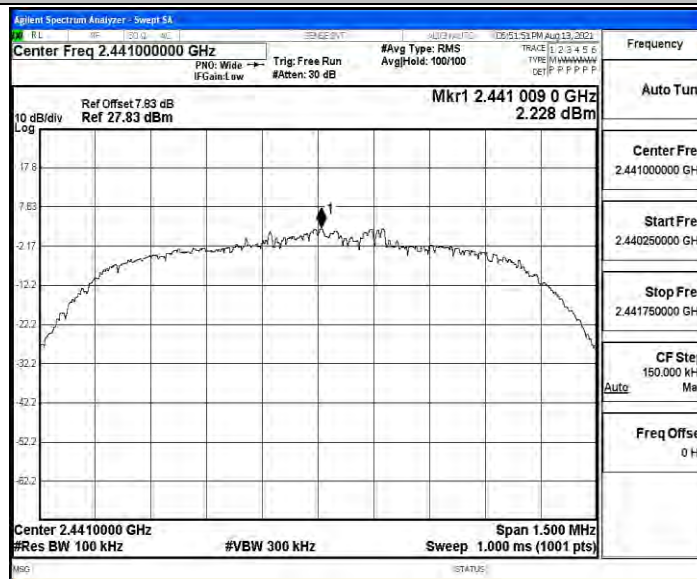
## 2DH5\_Ant1\_2402\_0~Reference



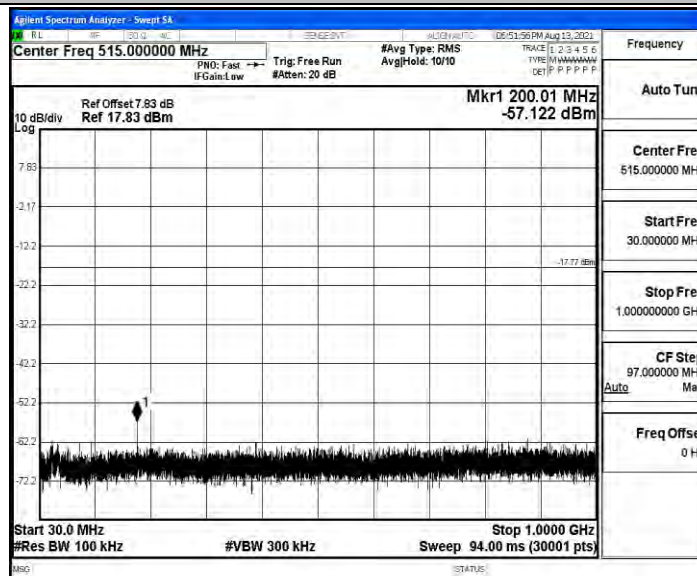




## 2DH5\_Ant1\_2441\_0~Reference

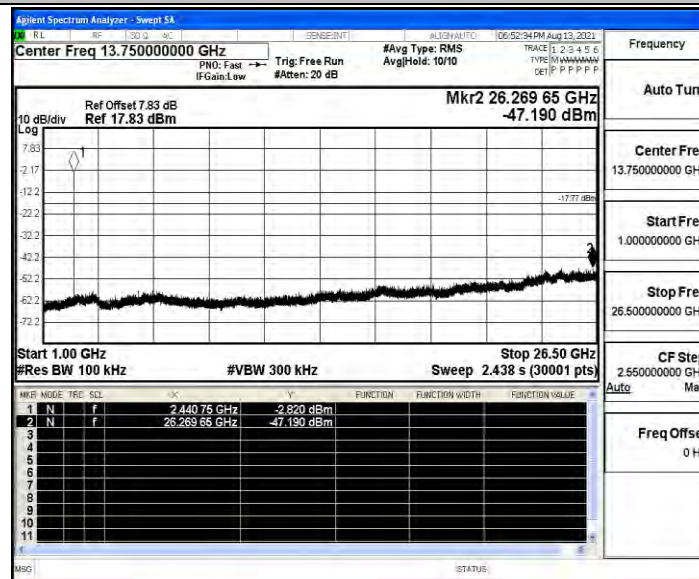


## 2DH5\_Ant1\_2441\_30~1000

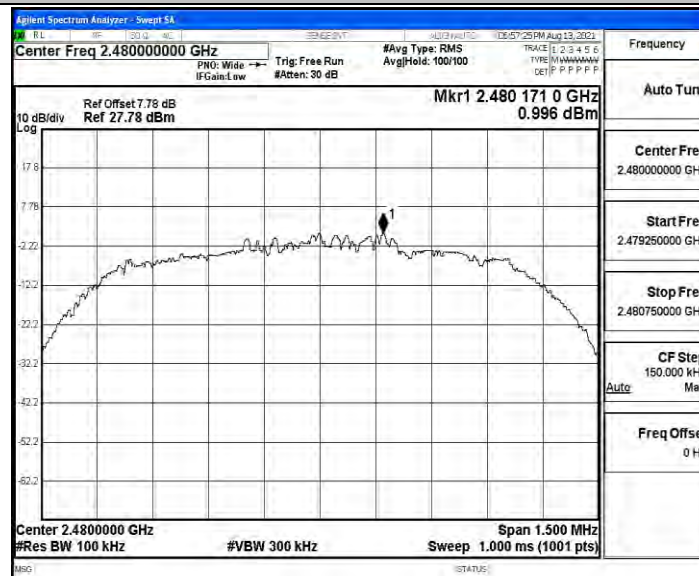




## 2DH5\_Ant1\_2441\_1000~26500



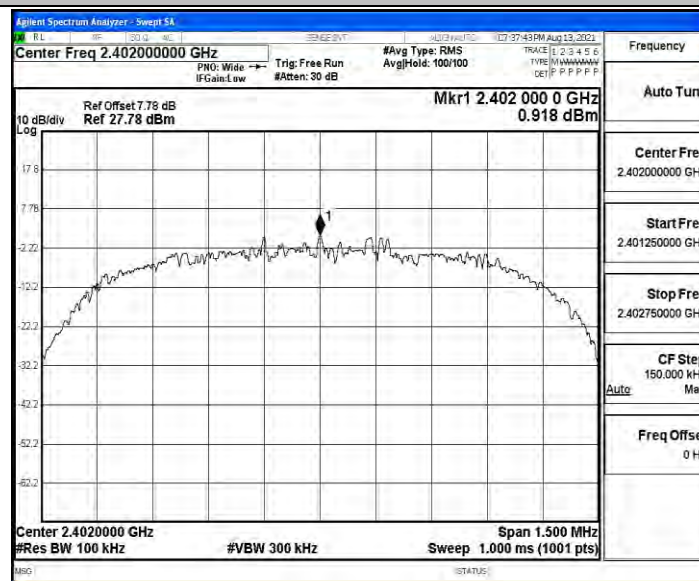
## 2DH5\_Ant1\_2480\_0~Reference



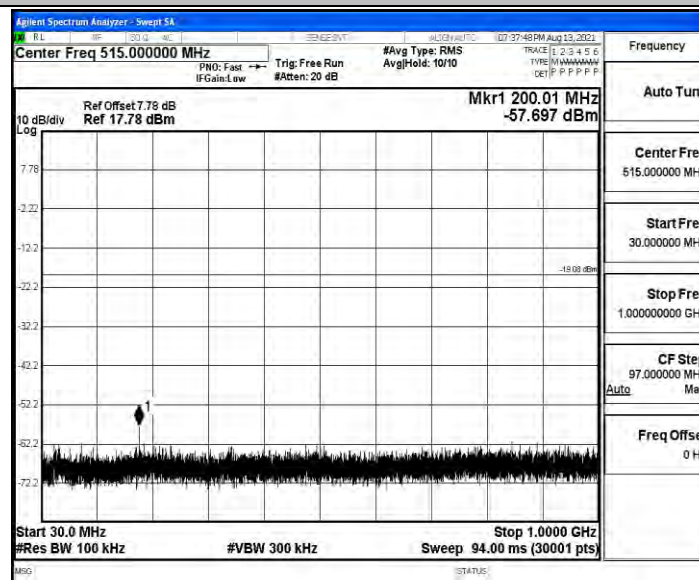




## 3DH5\_Ant1\_2402\_0~Reference

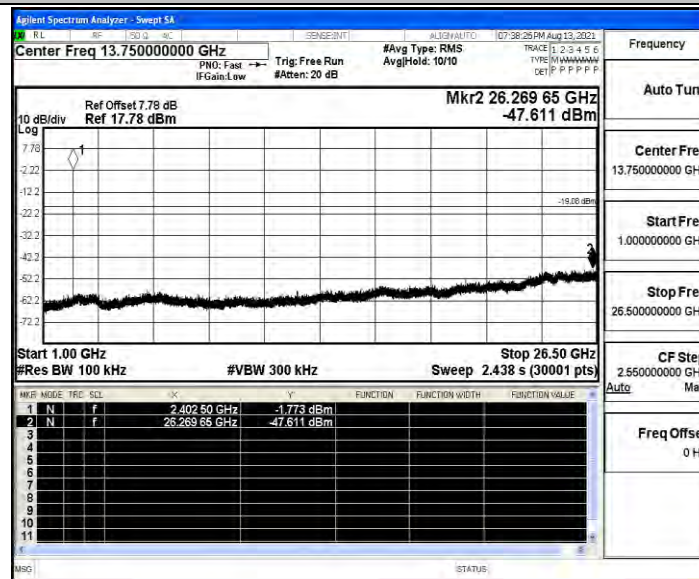


## 3DH5\_Ant1\_2402\_30~1000

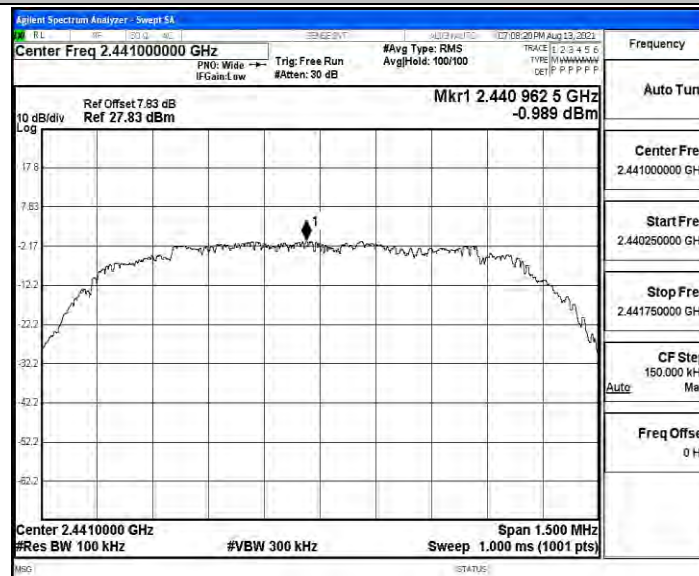




## 3DH5\_Ant1\_2402\_1000~26500

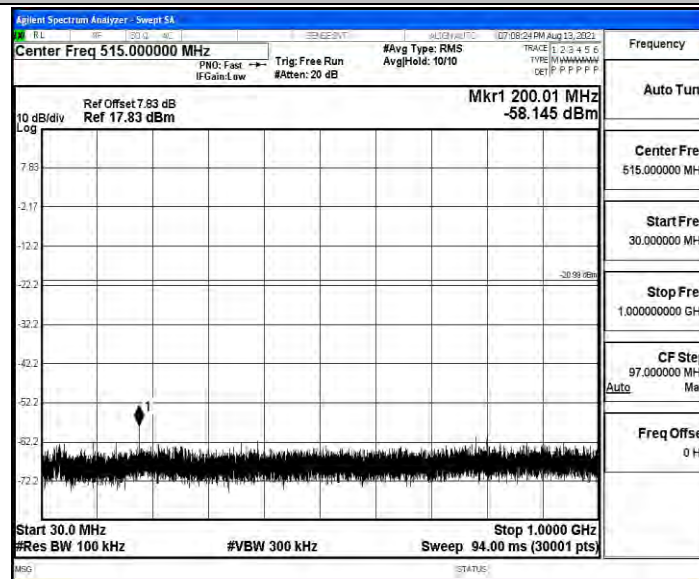


## 3DH5\_Ant1\_2441\_0~Reference

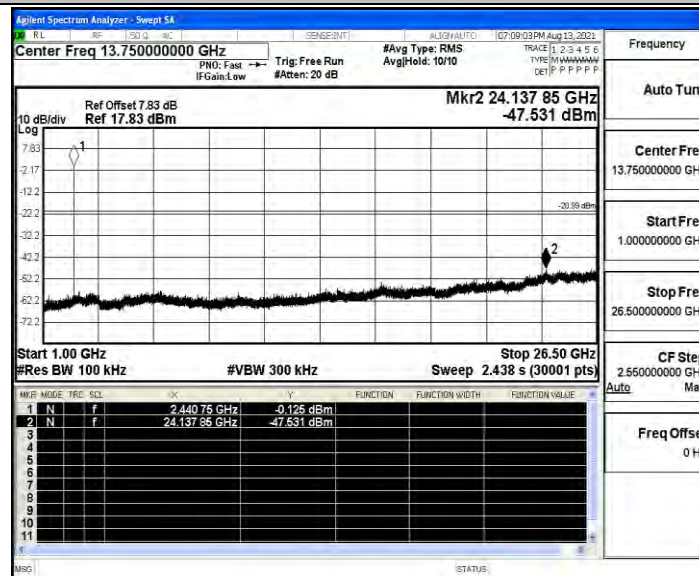




## 3DH5\_Ant1\_2441\_30~1000

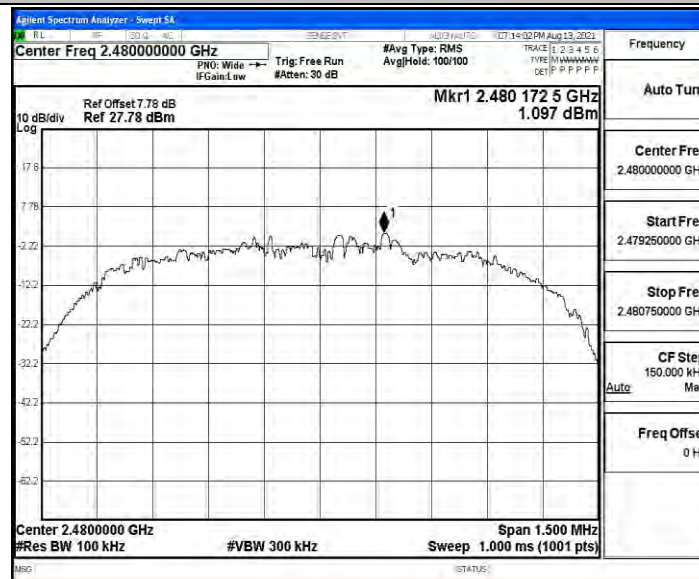


## 3DH5\_Ant1\_2441\_1000~26500

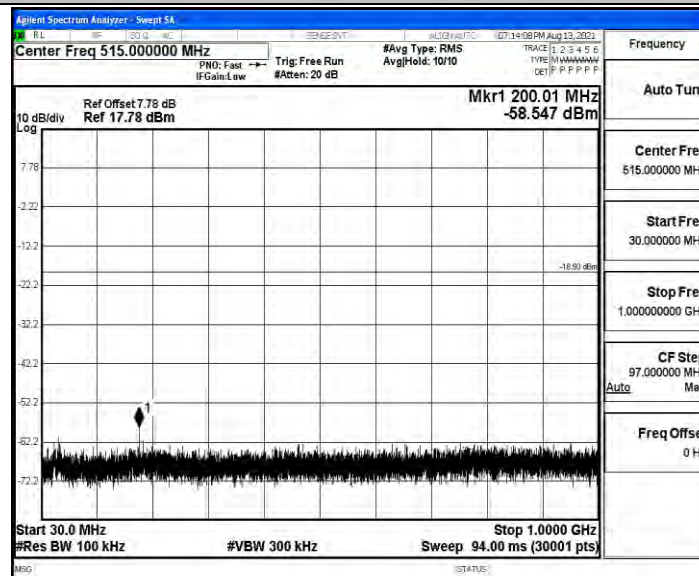




## 3DH5\_Ant1\_2480\_0~Reference

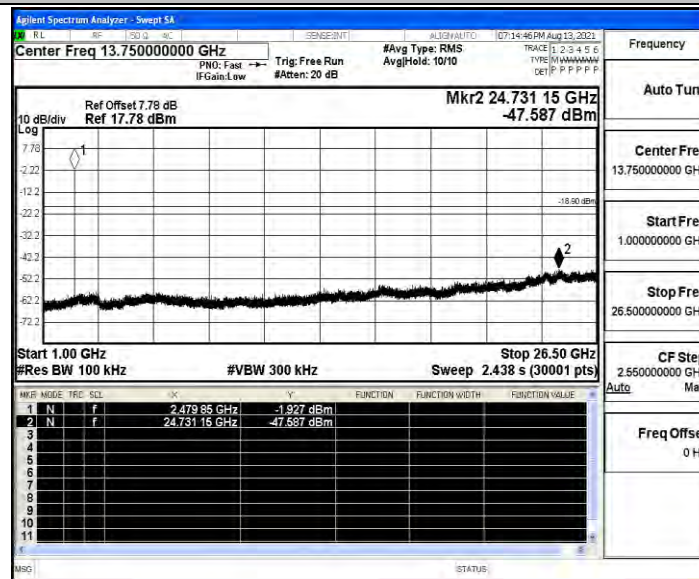


## 3DH5\_Ant1\_2480\_30~1000





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





## Appendix A.7: Band edge measurements

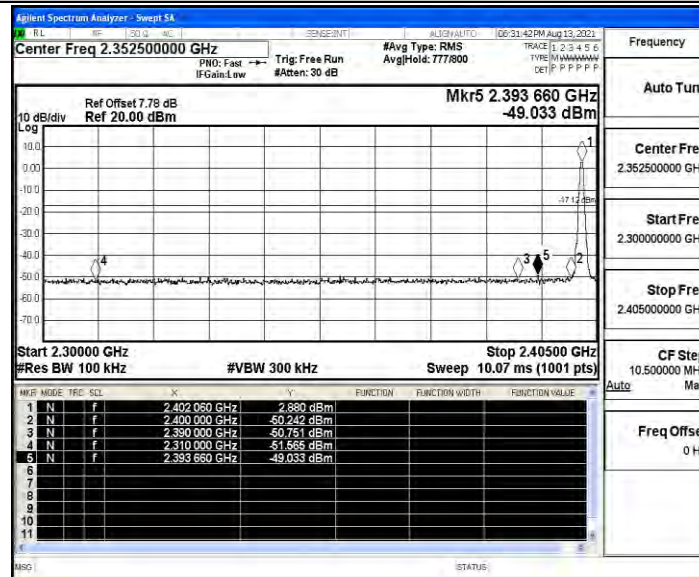
### Test Result

| TestMode | Antenna | ChName | Channel  | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|--------|----------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | Low    | 2402     | 2.88              | -49.03          | $\leq -17.12$  | PASS    |
|          |         | High   | 2480     | 2.70              | -48.97          | $\leq -17.3$   | PASS    |
|          |         | Low    | Hop_2402 | 2.22              | -49.75          | $\leq -17.78$  | PASS    |
|          |         | High   | Hop_2480 | 2.94              | -49.27          | $\leq -17.07$  | PASS    |
| 2DH5     | Ant1    | Low    | 2402     | -2.34             | -49.55          | $\leq -22.34$  | PASS    |
|          |         | High   | 2480     | 1.45              | -48.29          | $\leq -18.55$  | PASS    |
|          |         | Low    | Hop_2402 | -3.05             | -49.87          | $\leq -23.05$  | PASS    |
|          |         | High   | Hop_2480 | -0.05             | -48.45          | $\leq -20.05$  | PASS    |
| 3DH5     | Ant1    | Low    | 2402     | 0.84              | -49.6           | $\leq -19.16$  | PASS    |
|          |         | High   | 2480     | 1.28              | -49.13          | $\leq -18.72$  | PASS    |
|          |         | Low    | Hop_2402 | 0.99              | -49.68          | $\leq -19.01$  | PASS    |
|          |         | High   | Hop_2480 | 0.17              | -48.64          | $\leq -19.83$  | PASS    |

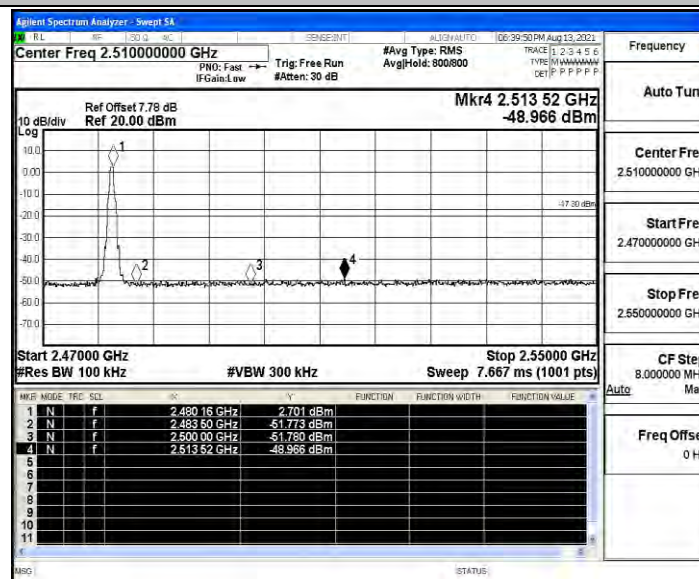


## Test Graphs

DH5\_Ant1\_Low\_2402

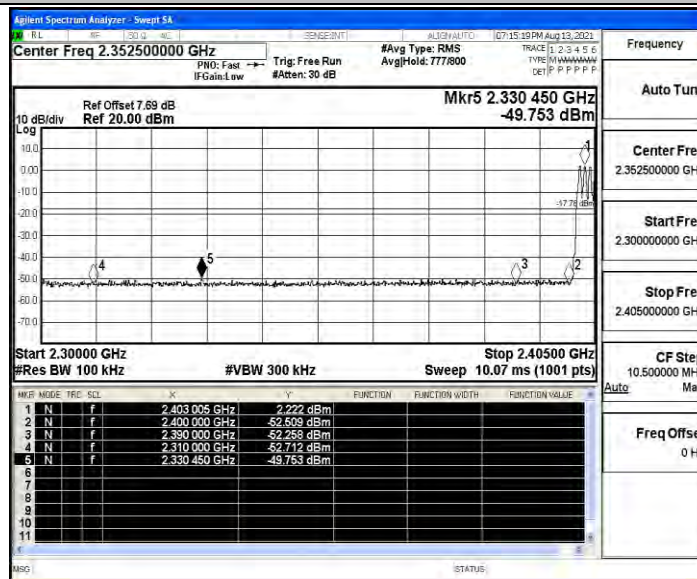


DH5\_Ant1\_High\_2480

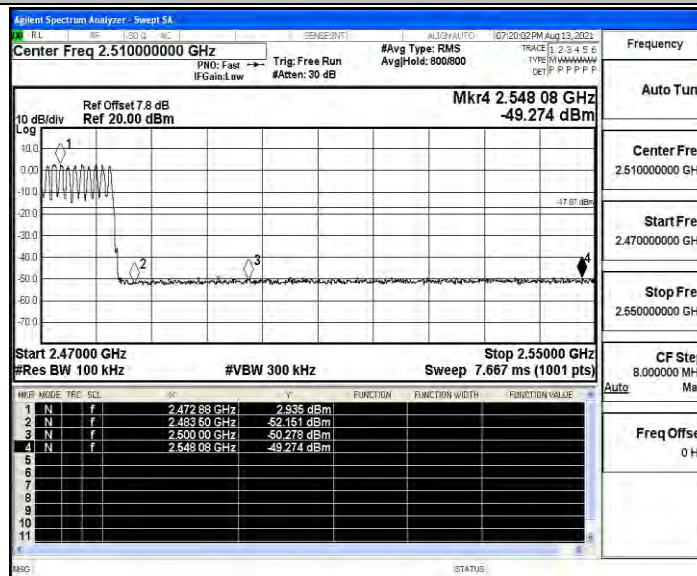




## DH5\_Ant1\_Low\_Hop\_2402

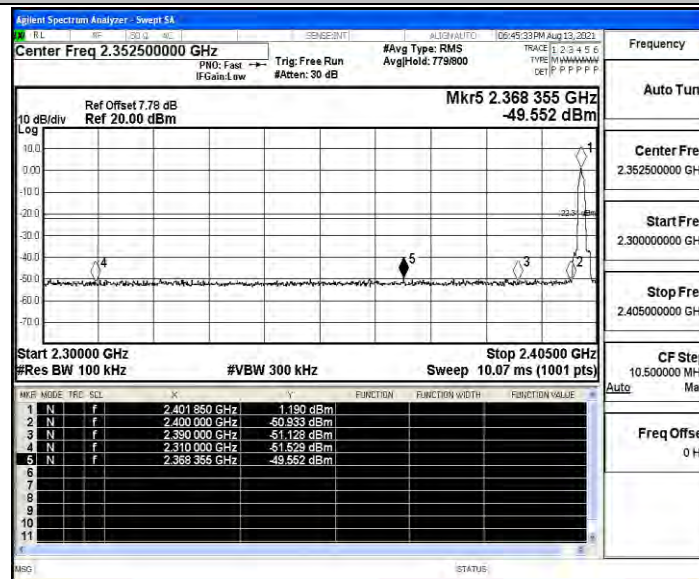


## DH5\_Ant1\_High\_Hop\_2480

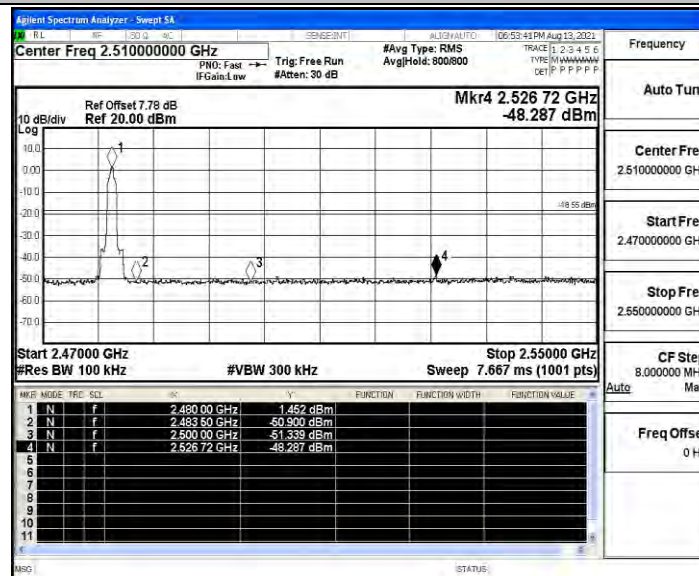




## 2DH5\_Ant1\_Low\_2402

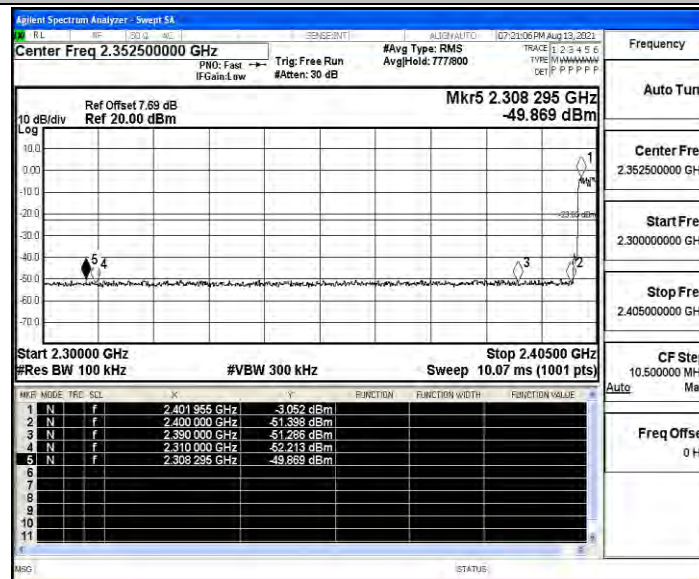


## 2DH5\_Ant1\_High\_2480

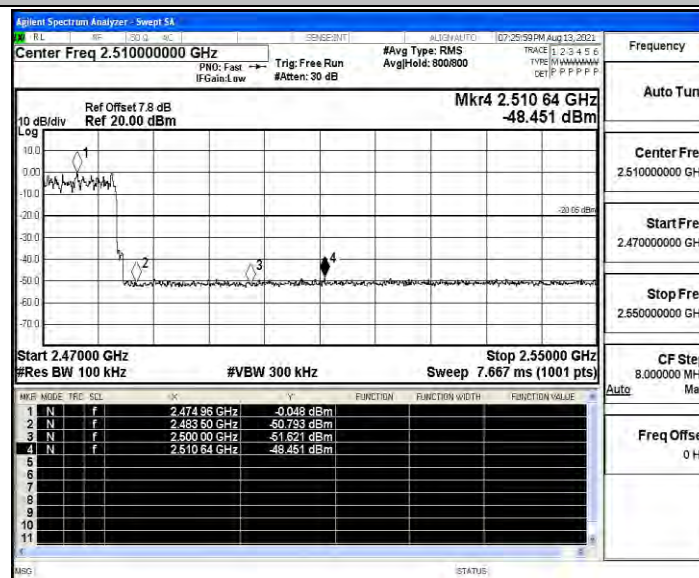




## 2DH5\_Ant1\_Low\_Hop\_2402

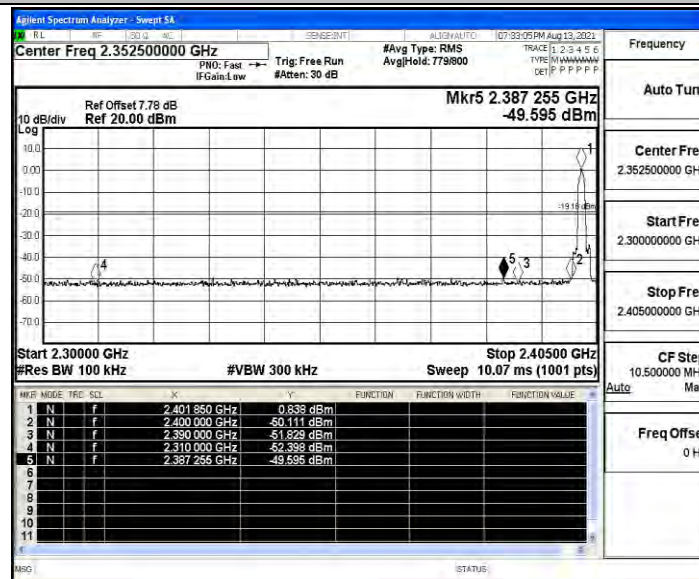


## 2DH5\_Ant1\_High\_Hop\_2480

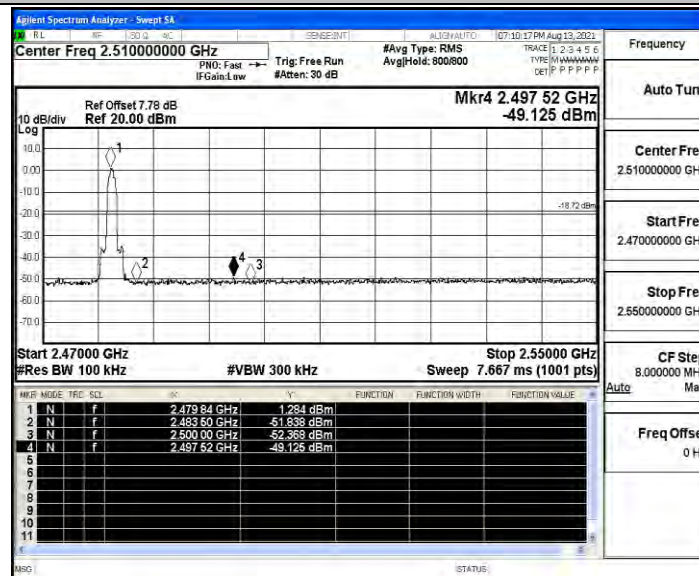




## 3DH5\_Ant1\_Low\_2402

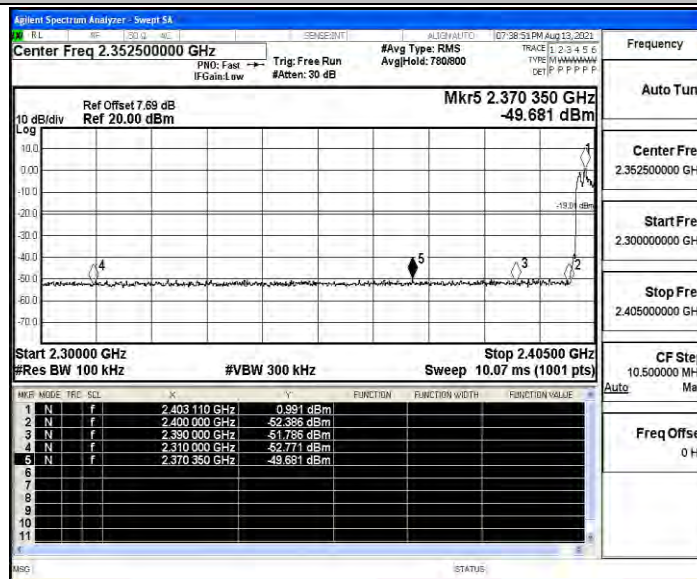


## 3DH5\_Ant1\_High\_2480

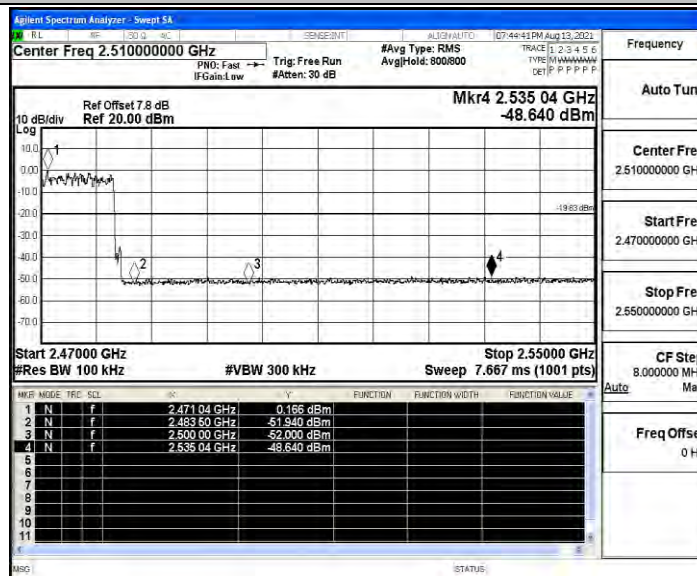




## 3DH5\_Ant1\_Low\_Hop\_2402



## 3DH5\_Ant1\_High\_Hop\_2480





## Appendix A.8: Emissions in Restricted Bands

### Test Result

| TestMode | Antenna | ChName | Channel      | Detector | Freq.<br>[MHz] | Result<br>[dBm] | Limit<br>[dBm] | Result<br>[dBuV/m] | Limit<br>[dBuV/m] | Verdict |
|----------|---------|--------|--------------|----------|----------------|-----------------|----------------|--------------------|-------------------|---------|
| DH5      | Ant1    | Low    | 2402         | AV       | 2310.000       | -48.8           | ≤-41.20        | 46.40              | ≤54               | PASS    |
|          |         |        |              | AV       | 2389.460       | -48.49          | ≤-41.20        | 46.71              | ≤54               | PASS    |
|          |         |        |              | AV       | 2390.000       | -48.63          | ≤-41.20        | 46.57              | ≤54               | PASS    |
|          |         |        |              | Peak     | 2310.000       | -40.39          | ≤-21.20        | 54.81              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2317.010       | -38.11          | ≤-21.20        | 57.09              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2390.000       | -40.78          | ≤-21.20        | 54.42              | ≤74               | PASS    |
|          |         | High   | 2480         | AV       | 2483.500       | -47.76          | ≤-41.20        | 47.44              | ≤54               | PASS    |
|          |         |        |              | AV       | 2483.520       | -47.76          | ≤-41.20        | 47.44              | ≤54               | PASS    |
|          |         |        |              | AV       | 2500.000       | -48.01          | ≤-41.20        | 47.19              | ≤54               | PASS    |
|          |         |        |              | Peak     | 2483.500       | -39.7           | ≤-21.20        | 55.50              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2485.520       | -37.36          | ≤-21.20        | 57.84              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2500.000       | -39.15          | ≤-21.20        | 56.05              | ≤74               | PASS    |
|          |         | Low    | Hop_24<br>02 | Peak     | 2310.000       | -40.84          | ≤-21.20        | 54.36              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2387.360       | -38.62          | ≤-21.20        | 56.58              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2390.000       | -39.88          | ≤-21.20        | 55.32              | ≤74               | PASS    |
|          |         | High   | Hop_24<br>80 | Peak     | 2483.500       | -39.84          | ≤-21.20        | 55.36              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2498.160       | -37.25          | ≤-21.20        | 57.95              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2500.000       | -40.2           | ≤-21.20        | 55.00              | ≤74               | PASS    |
| 2DH5     | Ant1    | Low    | 2402         | AV       | 2310.000       | -49.05          | ≤-41.20        | 46.15              | ≤54               | PASS    |
|          |         |        |              | AV       | 2388.725       | -48.48          | ≤-41.20        | 46.72              | ≤54               | PASS    |
|          |         |        |              | AV       | 2390.000       | -48.6           | ≤-41.20        | 46.60              | ≤54               | PASS    |
|          |         |        |              | Peak     | 2310.000       | -41.04          | ≤-21.20        | 54.16              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2333.915       | -37.75          | ≤-21.20        | 57.45              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2390.000       | -40.14          | ≤-21.20        | 55.06              | ≤74               | PASS    |
|          |         | High   | 2480         | AV       | 2483.500       | -47.72          | ≤-41.20        | 47.48              | ≤54               | PASS    |
|          |         |        |              | AV       | 2483.520       | -47.72          | ≤-41.20        | 47.48              | ≤54               | PASS    |
|          |         |        |              | AV       | 2500.000       | -48.02          | ≤-41.20        | 47.18              | ≤54               | PASS    |
|          |         |        |              | Peak     | 2483.500       | -39.8           | ≤-21.20        | 55.40              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2486.480       | -37.17          | ≤-21.20        | 58.03              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2500.000       | -39.63          | ≤-21.20        | 55.57              | ≤74               | PASS    |
|          |         | Low    | Hop_24<br>02 | Peak     | 2310.000       | -40.64          | ≤-21.20        | 54.56              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2384.630       | -36.8           | ≤-21.20        | 58.40              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2390.000       | -40.64          | ≤-21.20        | 54.56              | ≤74               | PASS    |
|          |         | High   | Hop_24<br>80 | Peak     | 2483.500       | -38.79          | ≤-21.20        | 56.41              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2491.360       | -37.92          | ≤-21.20        | 57.28              | ≤74               | PASS    |
|          |         |        |              | Peak     | 2500.000       | -39.93          | ≤-21.20        | 55.27              | ≤74               | PASS    |
| 3DH5     | Ant1    | Low    | 2402         | AV       | 2310.000       | -49.04          | ≤-41.20        | 46.16              | ≤54               | PASS    |



|  |  |      |              |      |          |        |               |       |           |      |
|--|--|------|--------------|------|----------|--------|---------------|-------|-----------|------|
|  |  |      |              | AV   | 2381.690 | -48.54 | $\leq -41.20$ | 46.66 | $\leq 54$ | PASS |
|  |  |      |              | AV   | 2390.000 | -48.66 | $\leq -41.20$ | 46.54 | $\leq 54$ | PASS |
|  |  |      |              | Peak | 2310.000 | -39.8  | $\leq -21.20$ | 55.40 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2378.015 | -37.94 | $\leq -21.20$ | 57.26 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2390.000 | -40.34 | $\leq -21.20$ | 54.86 | $\leq 74$ | PASS |
|  |  | High | 2480         | AV   | 2483.500 | -47.6  | $\leq -41.20$ | 47.60 | $\leq 54$ | PASS |
|  |  |      |              | AV   | 2483.520 | -47.6  | $\leq -41.20$ | 47.60 | $\leq 54$ | PASS |
|  |  |      |              | AV   | 2500.000 | -47.99 | $\leq -41.20$ | 47.21 | $\leq 54$ | PASS |
|  |  |      |              | Peak | 2483.500 | -39.04 | $\leq -21.20$ | 56.16 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2490.000 | -37.84 | $\leq -21.20$ | 57.36 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2500.000 | -39.54 | $\leq -21.20$ | 55.66 | $\leq 74$ | PASS |
|  |  | Low  | Hop_24<br>02 | Peak | 2310.000 | -40.72 | $\leq -21.20$ | 54.48 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2345.885 | -38.44 | $\leq -21.20$ | 56.76 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2390.000 | -41.08 | $\leq -21.20$ | 54.12 | $\leq 74$ | PASS |
|  |  | High | Hop_24<br>80 | Peak | 2483.500 | -39.64 | $\leq -21.20$ | 55.56 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2493.120 | -37.88 | $\leq -21.20$ | 57.32 | $\leq 74$ | PASS |
|  |  |      |              | Peak | 2500.000 | -39.82 | $\leq -21.20$ | 55.38 | $\leq 74$ | PASS |

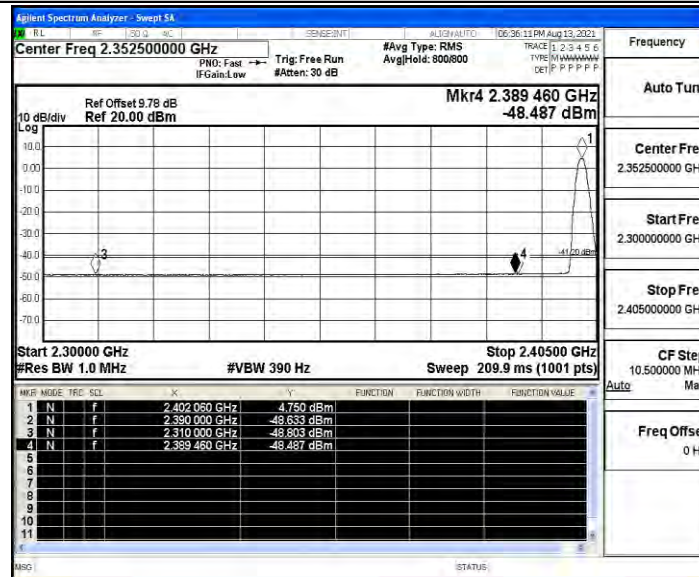
Note:

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.

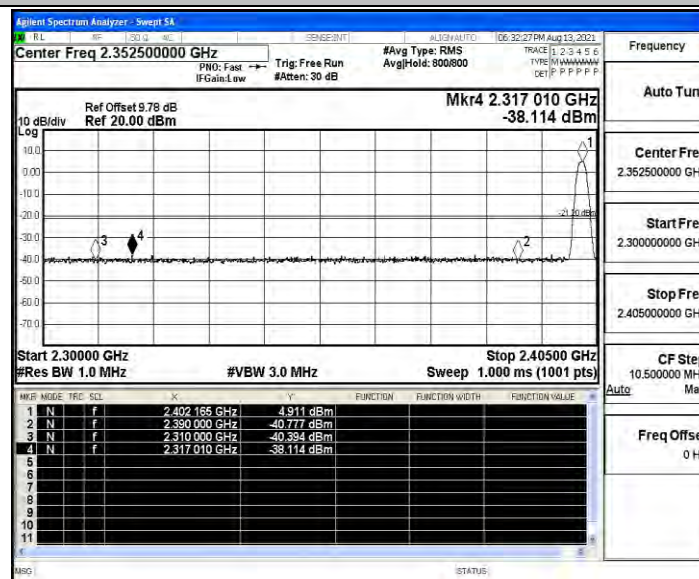


## Test Graphs

DH5\_Ant1\_Low\_2402\_AV

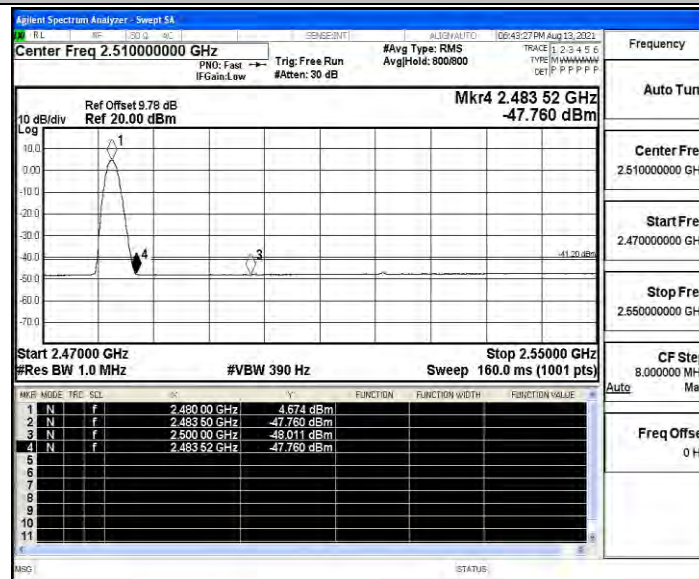


DH5\_Ant1\_Low\_2402\_Peak

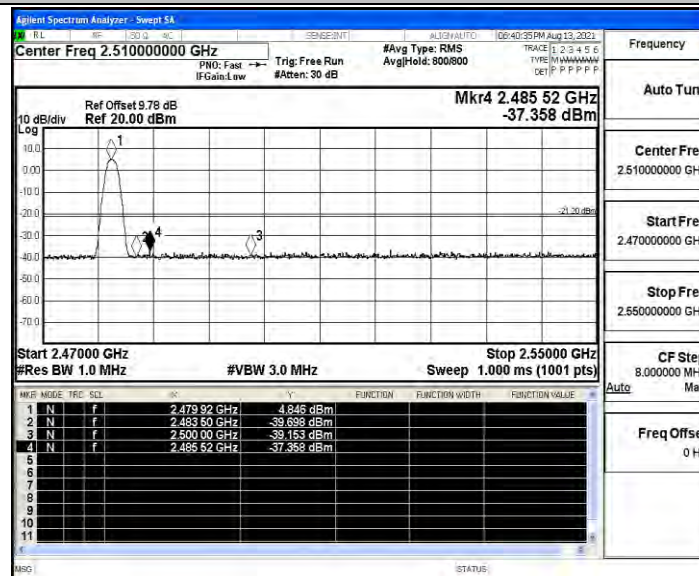




## DH5\_Ant1\_High\_2480\_AV

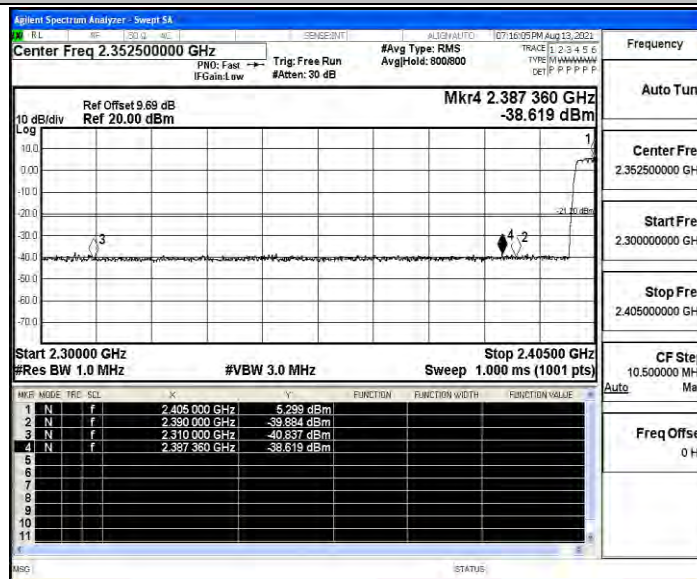


## DH5\_Ant1\_High\_2480\_Peak

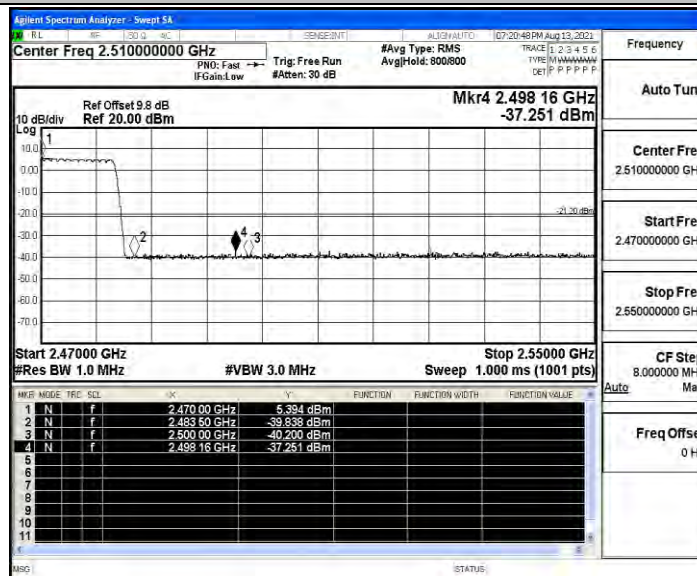




## DH5\_Ant1\_Low\_Hop\_2402\_Peak



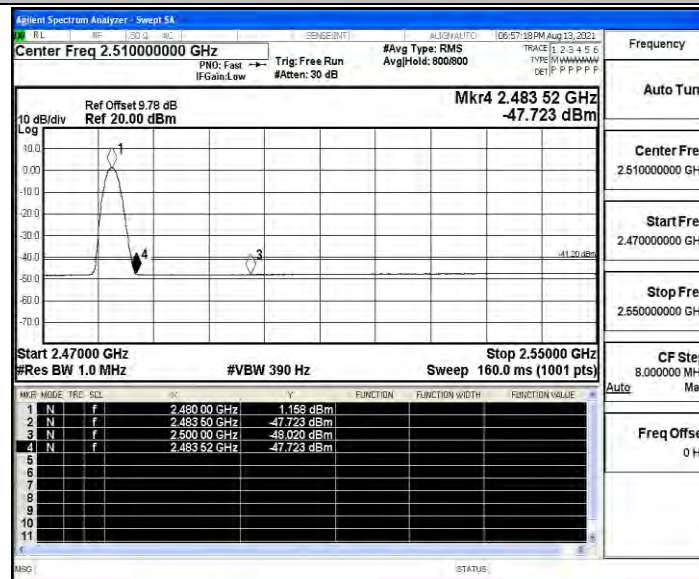
## DH5\_Ant1\_High\_Hop\_2480\_Peak



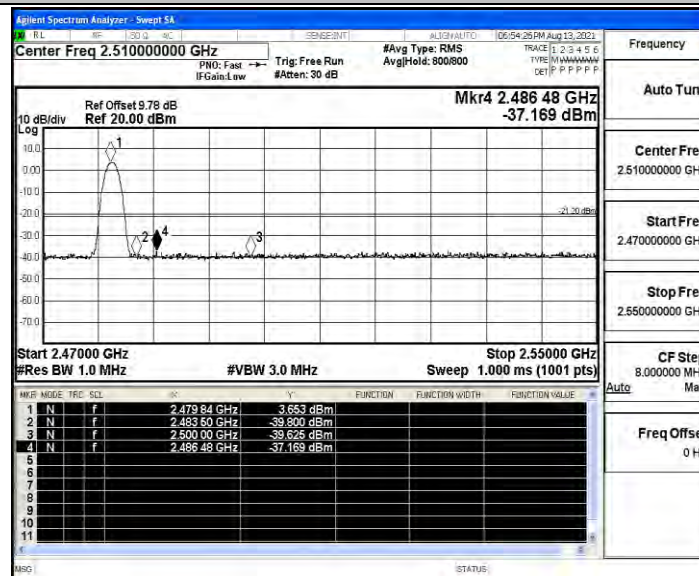




## 2DH5\_Ant1\_High\_2480\_AV

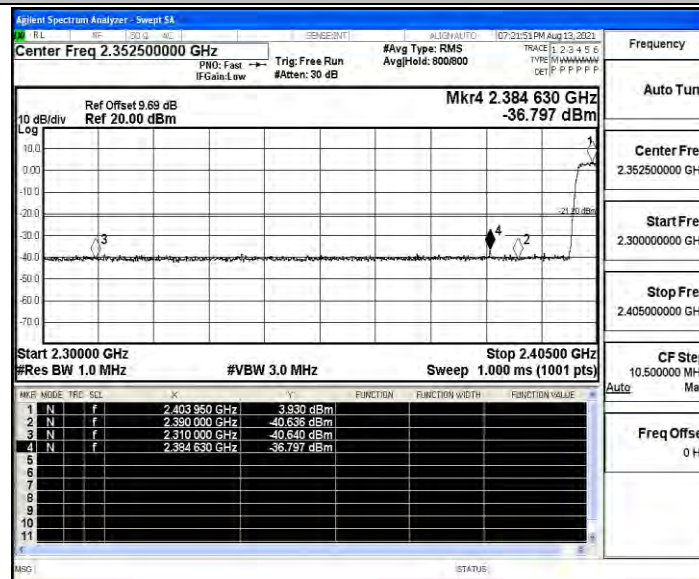


## 2DH5\_Ant1\_High\_2480\_Peak

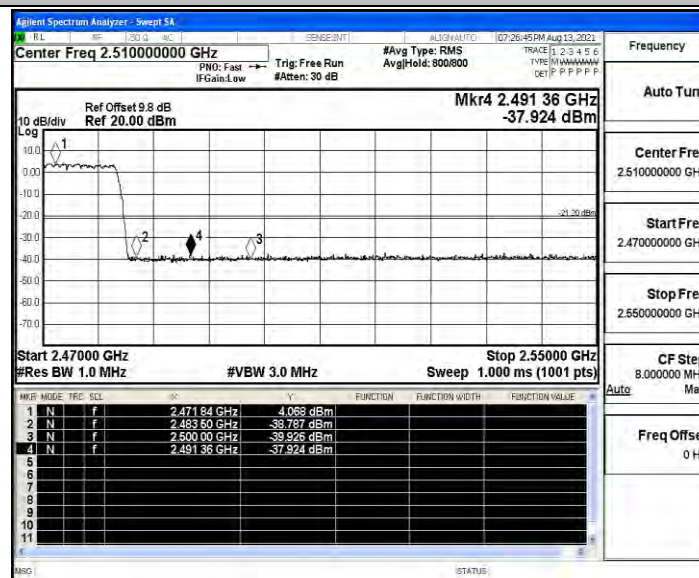




## 2DH5\_Ant1\_Low\_Hop\_2402\_Peak

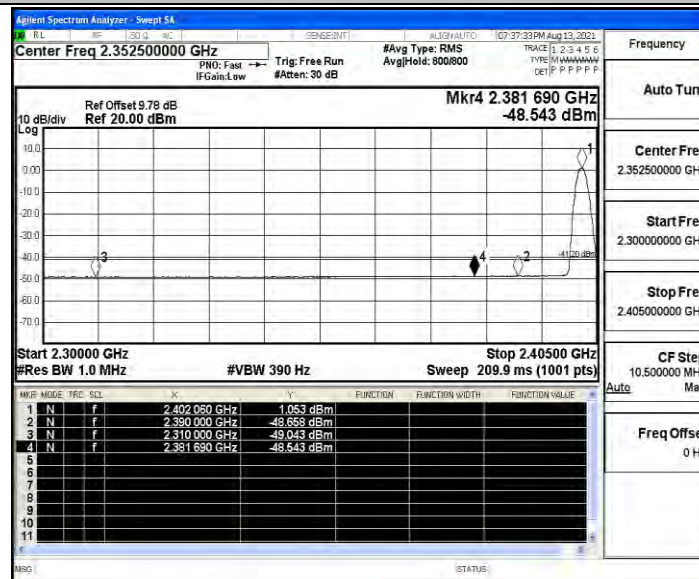


## 2DH5\_Ant1\_High\_Hop\_2480\_Peak

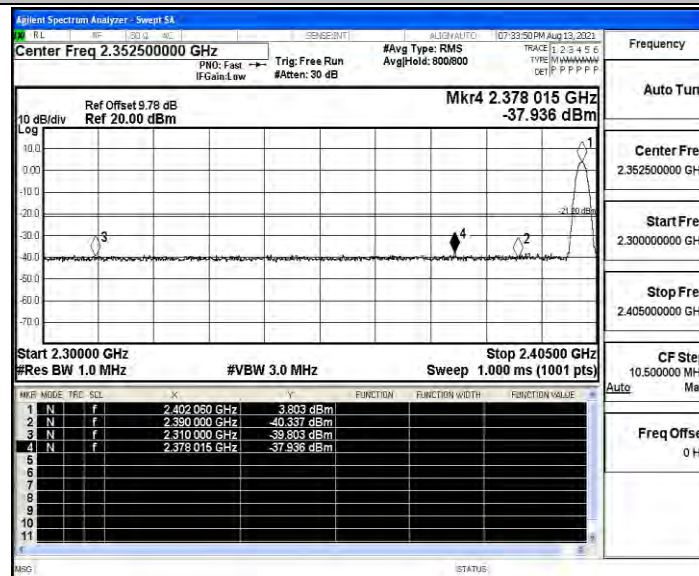




## 3DH5\_Ant1\_Low\_2402\_AV

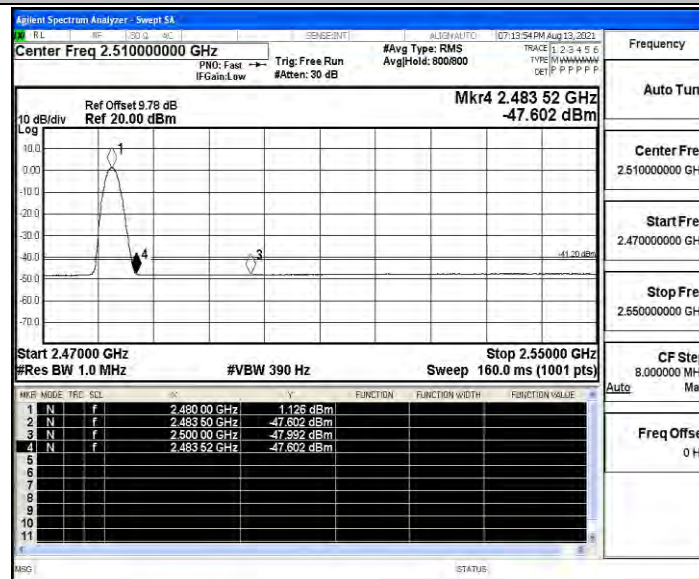


## 3DH5\_Ant1\_Low\_2402\_Peak

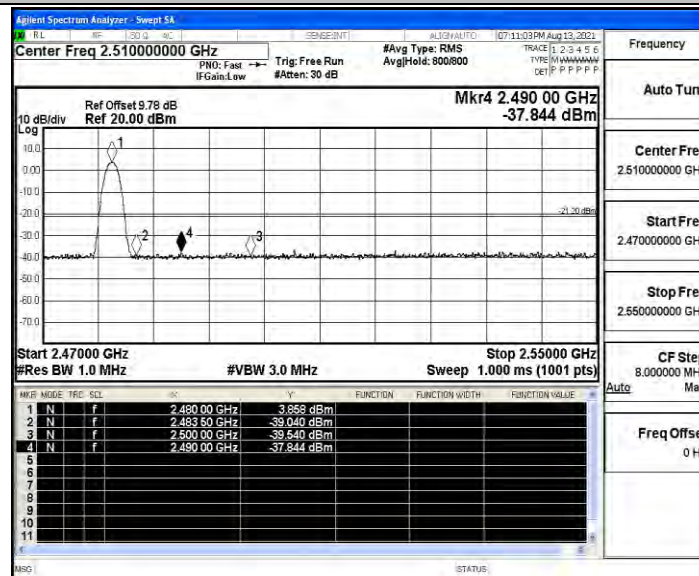




## 3DH5\_Ant1\_High\_2480\_AV

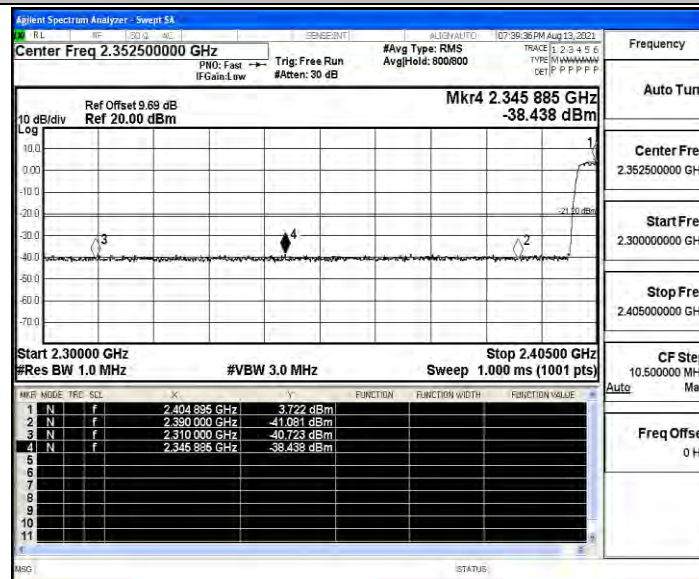


## 3DH5\_Ant1\_High\_2480\_Peak





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



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

