

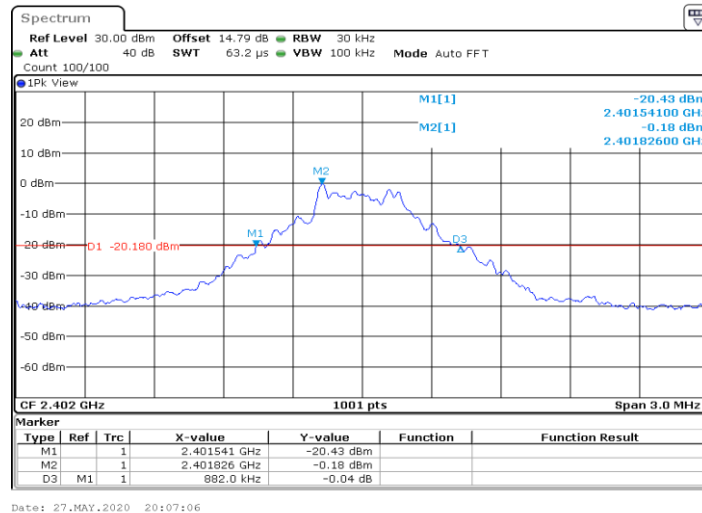
## Appendix A: 20dB Emission Bandwidth

### Test Result

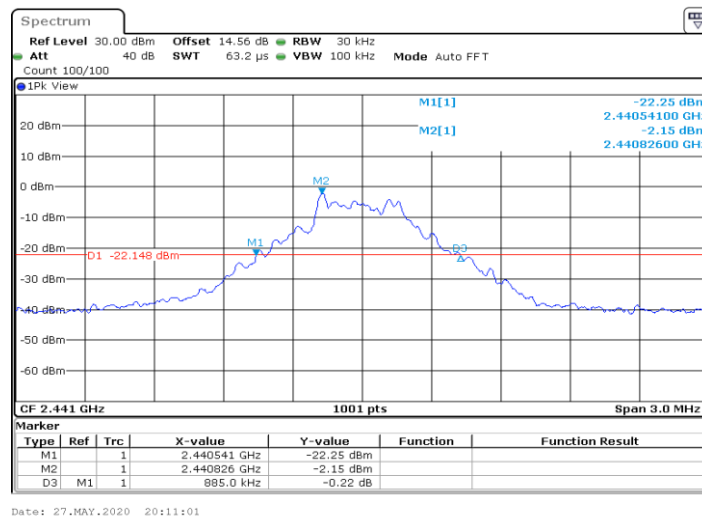
| TestMode | Antenna | Channel | 20db EBW[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|---------------|------------|---------|
| DH1      | Ant1    | 2402    | 0.882         | ---        | PASS    |
|          |         | 2441    | 0.885         | ---        | PASS    |
|          |         | 2480    | 0.885         | ---        | PASS    |
| 2DH1     | Ant1    | 2402    | 1.260         | ---        | PASS    |
|          |         | 2441    | 1.260         | ---        | PASS    |
|          |         | 2480    | 1.263         | ---        | PASS    |
| 3DH1     | Ant1    | 2402    | 1.245         | ---        | PASS    |
|          |         | 2441    | 1.251         | ---        | PASS    |
|          |         | 2480    | 1.254         | ---        | PASS    |

## Test Graphs

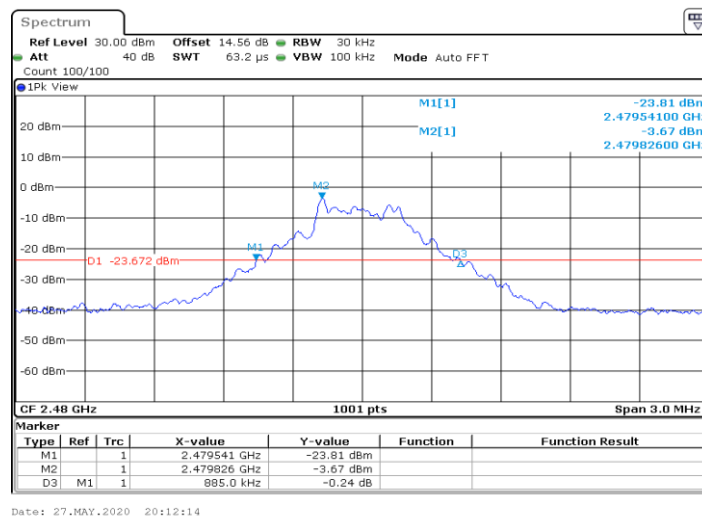
DH1\_Ant1\_2402



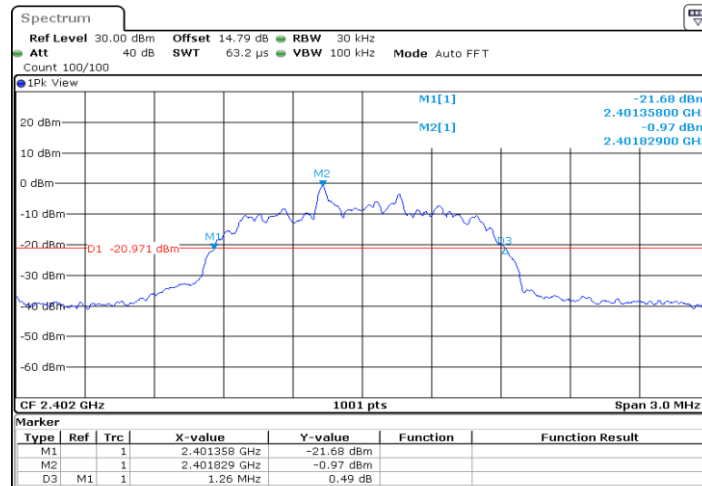
DH1\_Ant1\_2441



DH1\_Ant1\_2480

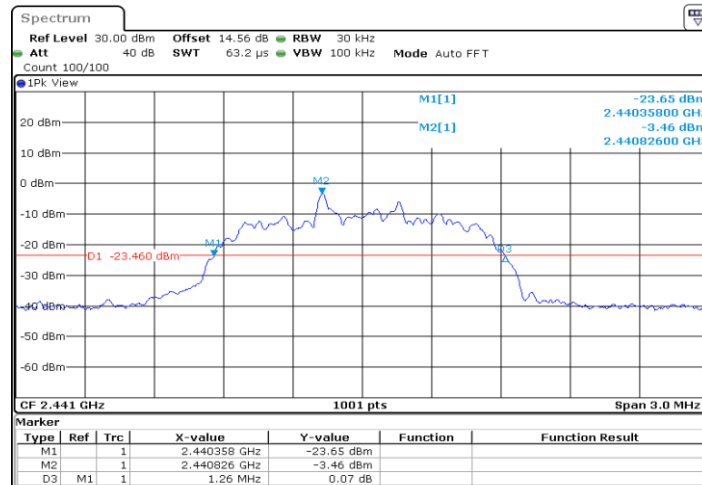


## 2DH1\_Ant1\_2402



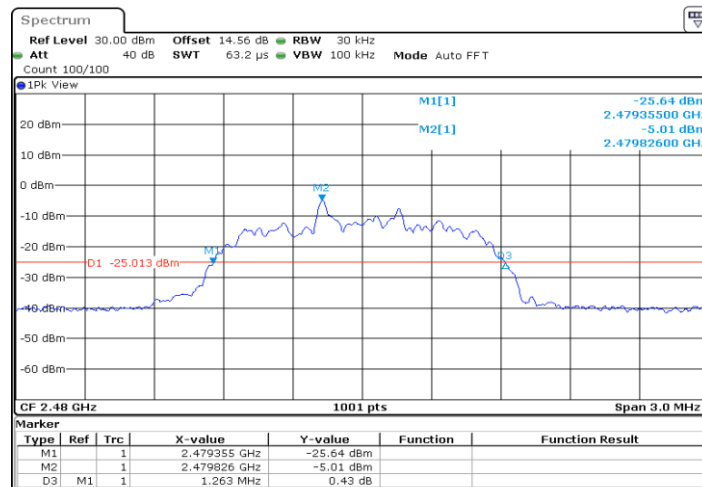
Date: 27.MAY.2020 20:17:33

## 2DH1\_Ant1\_2441



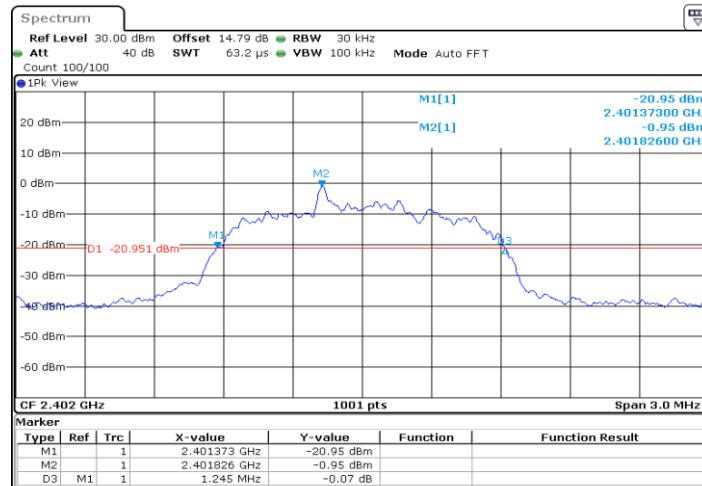
Date: 27.MAY.2020 20:18:48

## 2DH1\_Ant1\_2480



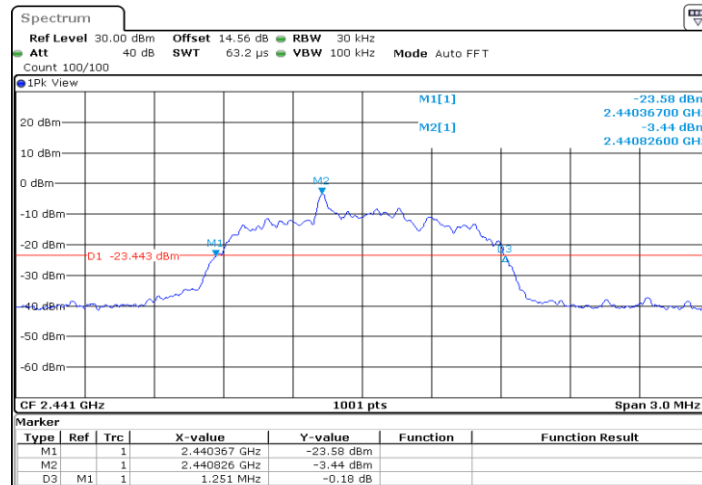
Date: 27.MAY.2020 20:20:07

## 3DH1\_Ant1\_2402



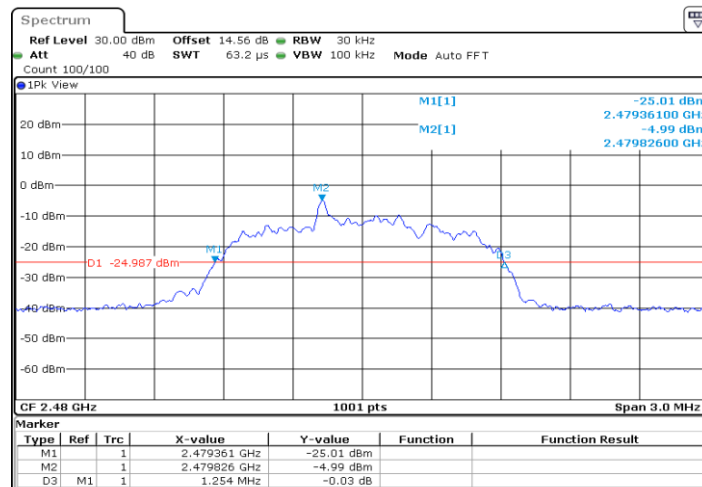
Date: 27.MAY.2020 20:21:28

## 3DH1\_Ant1\_2441



Date: 27.MAY.2020 20:22:51

## 3DH1\_Ant1\_2480



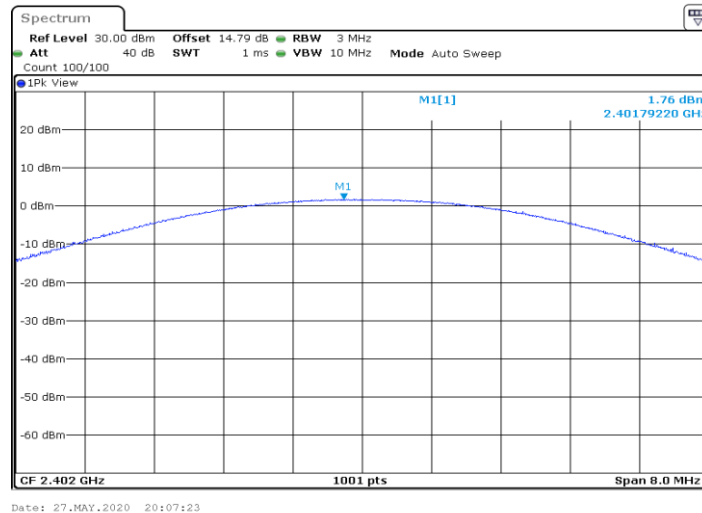
Date: 27.MAY.2020 20:23:54

**Appendix C: Maximum conducted Peak output power****Test Result**

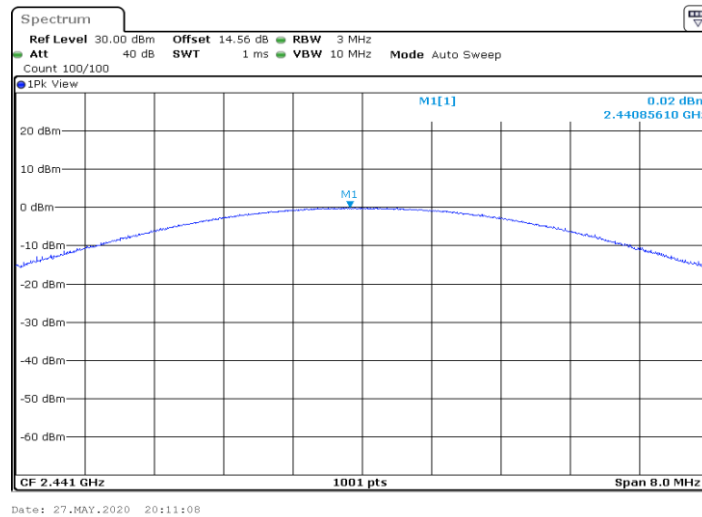
| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | 2402    | 1.76        | <=20.97    | PASS    |
|          |         | 2441    | 0.02        | <=20.97    | PASS    |
|          |         | 2480    | -1.43       | <=20.97    | PASS    |
| 2DH1     | Ant1    | 2402    | 2.54        | <=20.97    | PASS    |
|          |         | 2441    | 0.34        | <=20.97    | PASS    |
|          |         | 2480    | -1.04       | <=20.97    | PASS    |
| 3DH1     | Ant1    | 2402    | 2.93        | <=20.97    | PASS    |
|          |         | 2441    | 0.74        | <=20.97    | PASS    |
|          |         | 2480    | -0.91       | <=20.97    | PASS    |

## Test Graphs

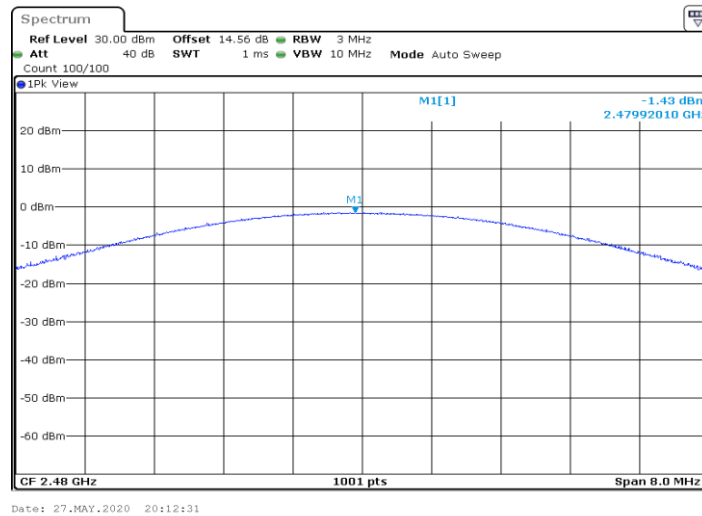
DH1\_Ant1\_2402



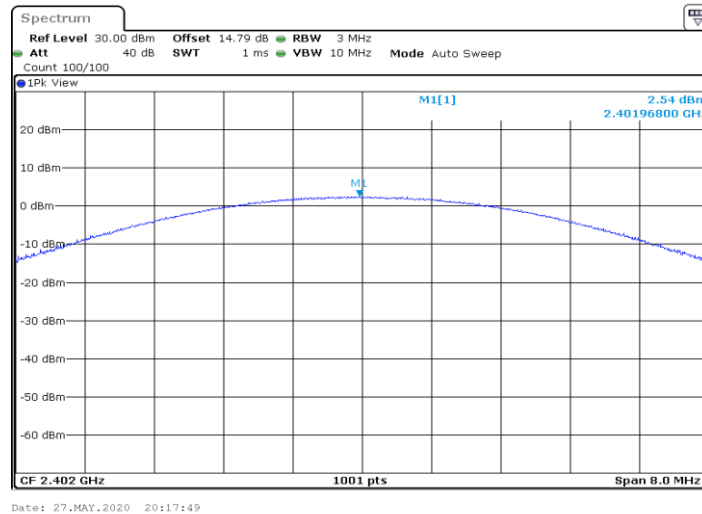
DH1\_Ant1\_2441



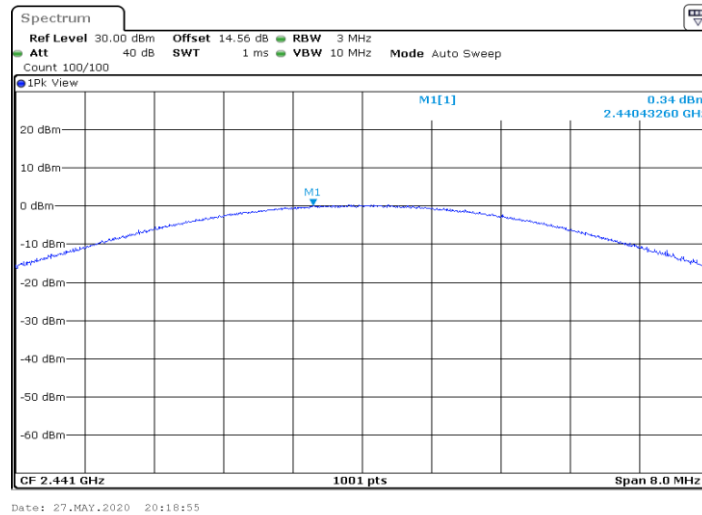
DH1\_Ant1\_2480



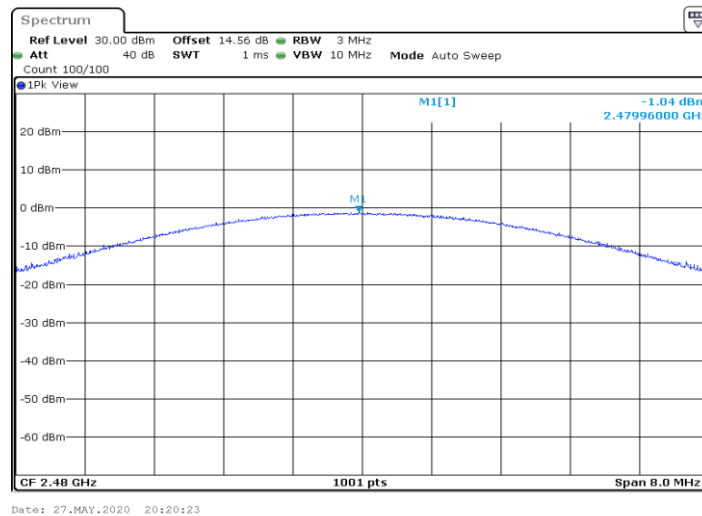
## 2DH1\_Ant1\_2402



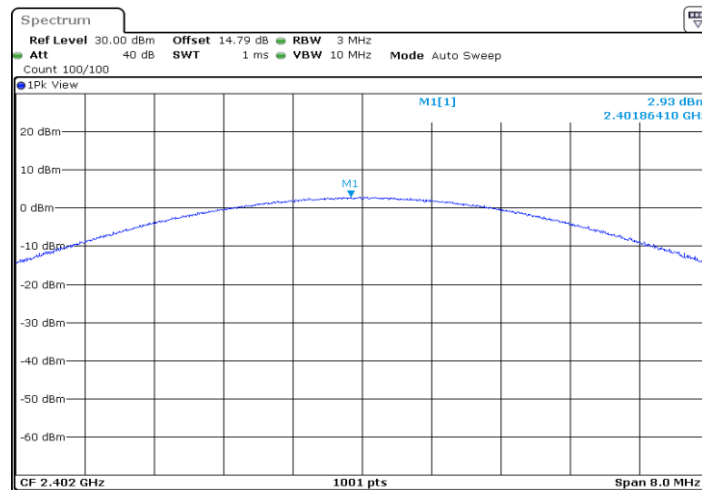
## 2DH1\_Ant1\_2441



## 2DH1\_Ant1\_2480

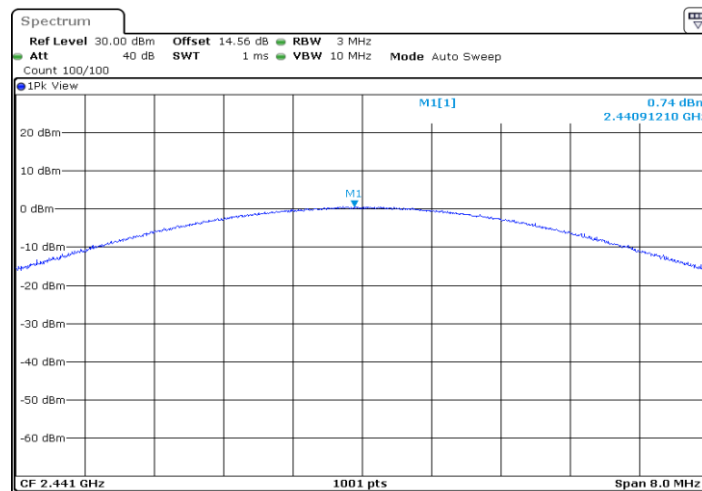


## 3DH1\_Ant1\_2402



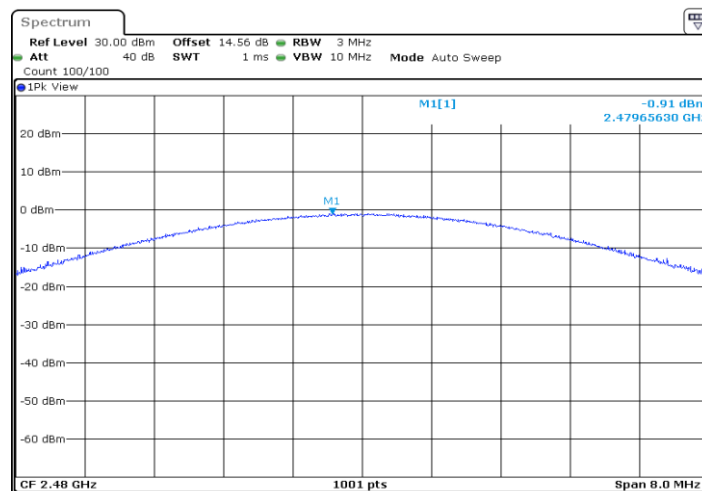
Date: 27.MAY.2020 20:21:44

## 3DH1\_Ant1\_2441



Date: 27.MAY.2020 20:22:58

## 3DH1\_Ant1\_2480



Date: 27.MAY.2020 20:24:11

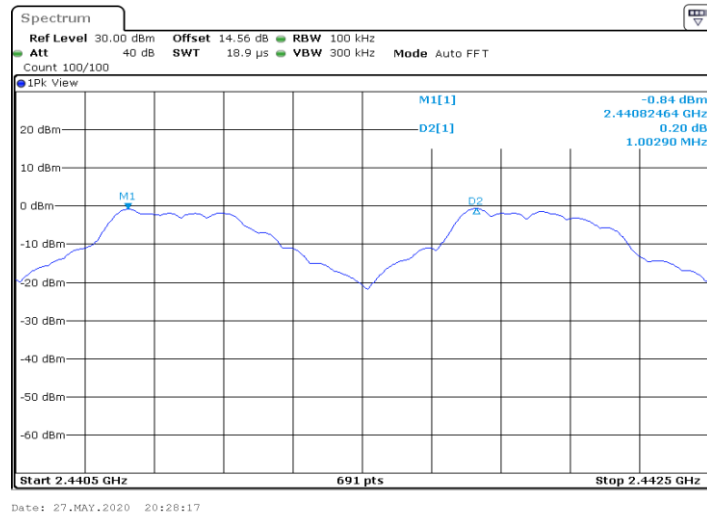
## Appendix D: Carrier frequency separation

### Test Result

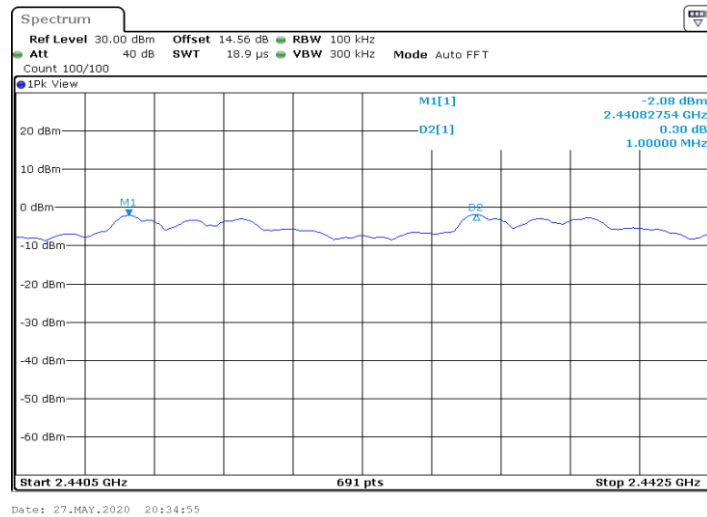
| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH1      | Ant1    | Hop     | 1.003       | $\geq 0.590$ | PASS    |
| 2DH1     | Ant1    | Hop     | 1           | $\geq 0.840$ | PASS    |
| 3DH1     | Ant1    | Hop     | 1           | $\geq 0.834$ | PASS    |

## Test Graphs

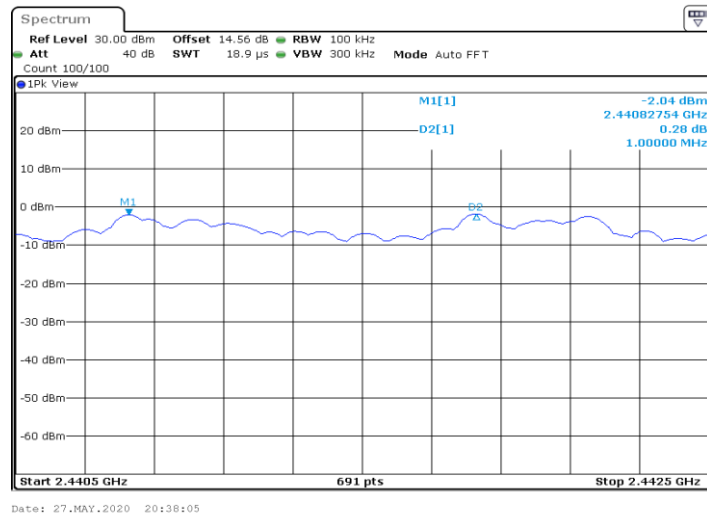
DH1\_Ant1\_Hop



2DH1\_Ant1\_Hop



3DH1\_Ant1\_Hop



## Appendix E: Time of occupancy

### Test Result

| Test Mode | Antenna | Channel | Burst Width<br>[ms] | Total gb<br>Hops [Num] | Result[s] | Limit[s] | Verdict |
|-----------|---------|---------|---------------------|------------------------|-----------|----------|---------|
| DH1       | Ant1    | Hop     | 0.39                | 320                    | 0.124     | <=0.4    | PASS    |
| DH3       | Ant1    | Hop     | 1.64                | 180                    | 0.295     | <=0.4    | PASS    |
| DH5       | Ant1    | Hop     | 2.88                | 110                    | 0.316     | <=0.4    | PASS    |
| 2DH1      | Ant1    | Hop     | 0.38                | 320                    | 0.122     | <=0.4    | PASS    |
| 2DH3      | Ant1    | Hop     | 1.63                | 190                    | 0.309     | <=0.4    | PASS    |
| 2DH5      | Ant1    | Hop     | 2.87                | 100                    | 0.287     | <=0.4    | PASS    |
| 3DH1      | Ant1    | Hop     | 0.38                | 320                    | 0.121     | <=0.4    | PASS    |
| 3DH3      | Ant1    | Hop     | 1.62                | 150                    | 0.243     | <=0.4    | PASS    |
| 3DH5      | Ant1    | Hop     | 2.86                | 120                    | 0.344     | <=0.4    | PASS    |

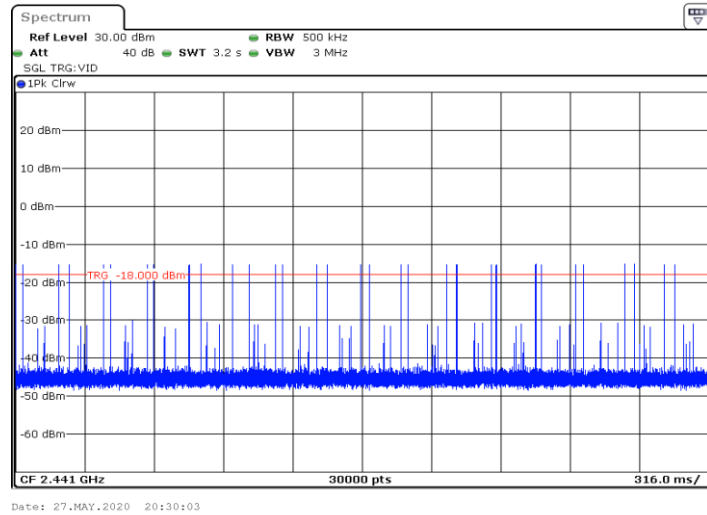
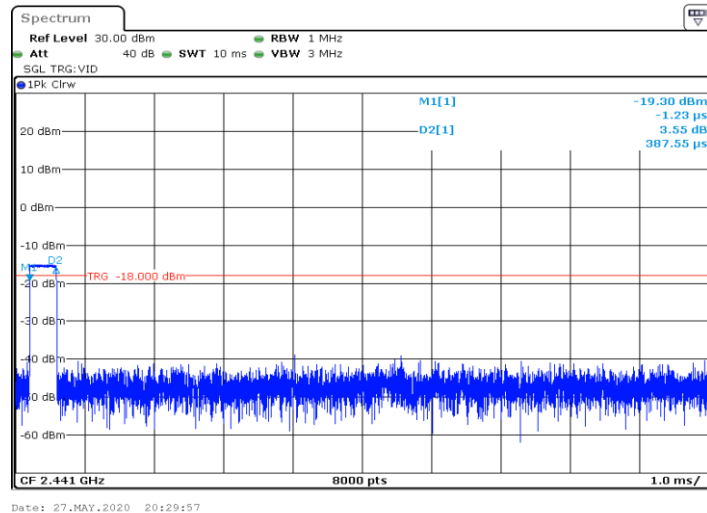
Note 1: A period time= $0.4 \times 79 = 31.6$ (S), Result=BurstWidth\*Totalhops

Note 2: Totalhops=Hopping Number in  $3.16s \times 10$

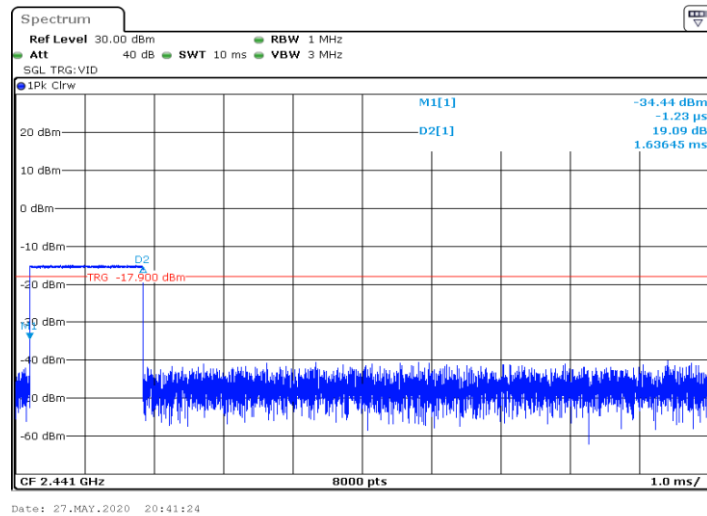
Note 3: Hopping Number in  $3.16s$ =Total of highest signals in  $3.16s$  (Second high signals were other channel)

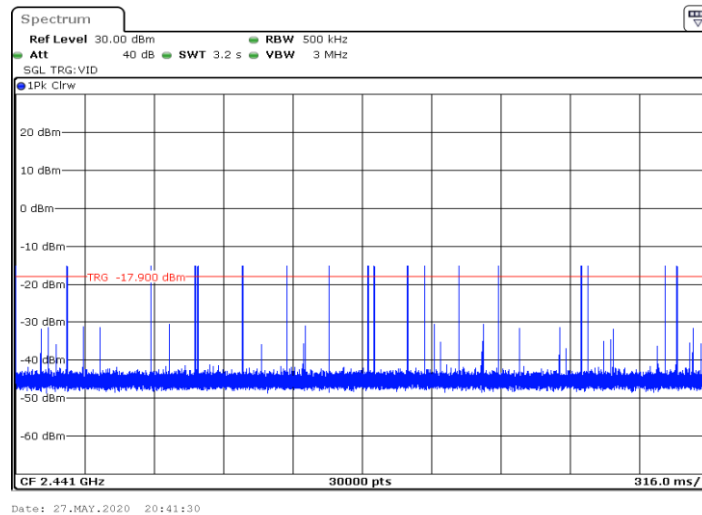
## Test Graphs

DH1\_Ant1\_Hop

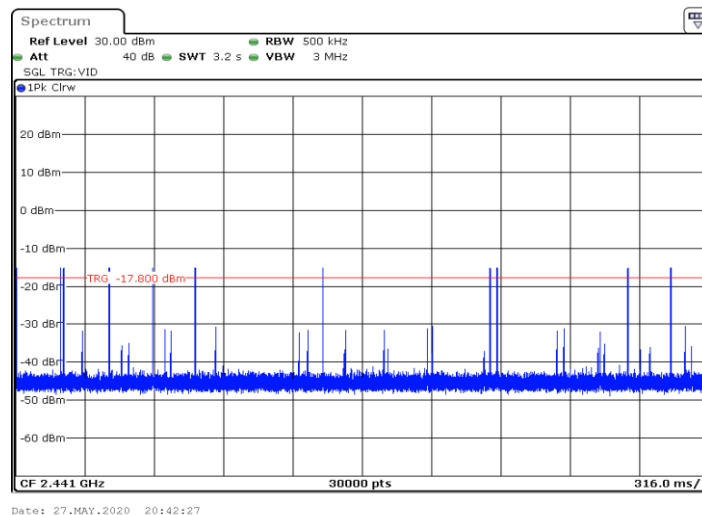
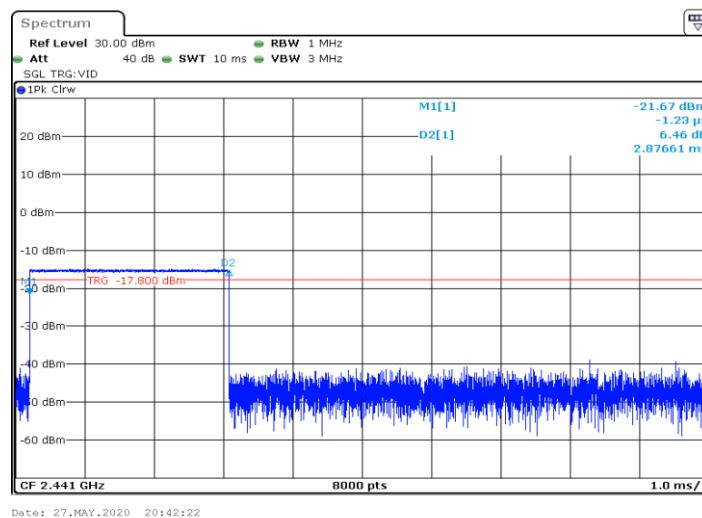


DH3\_Ant1\_Hop

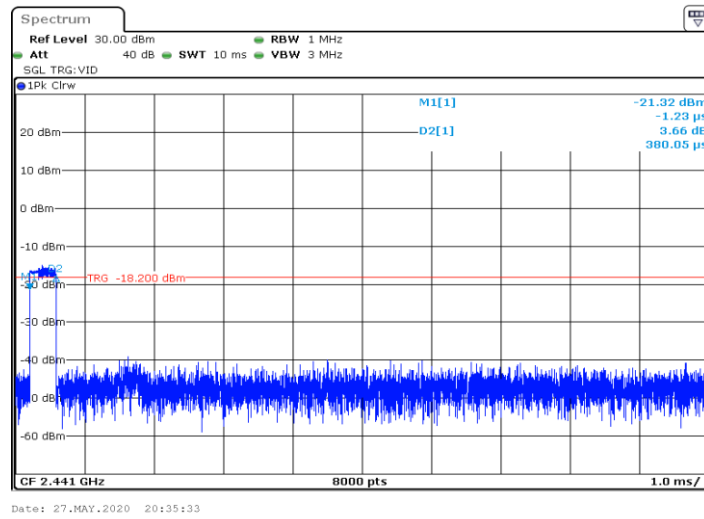




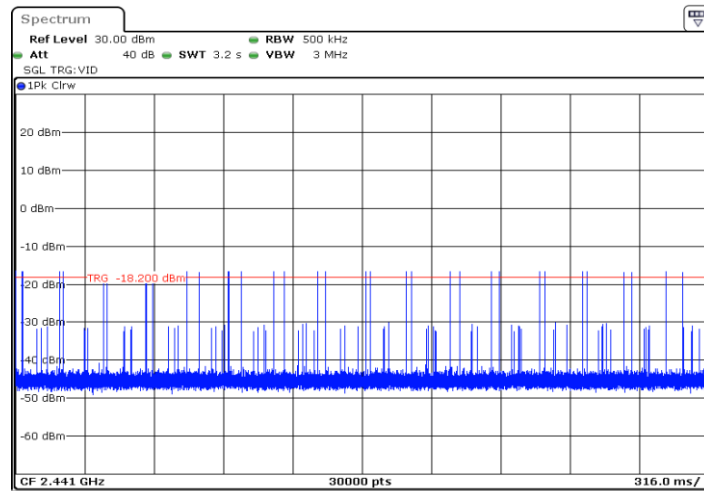
## DH5\_Ant1\_Hop



## 2DH1\_Ant1\_Hop

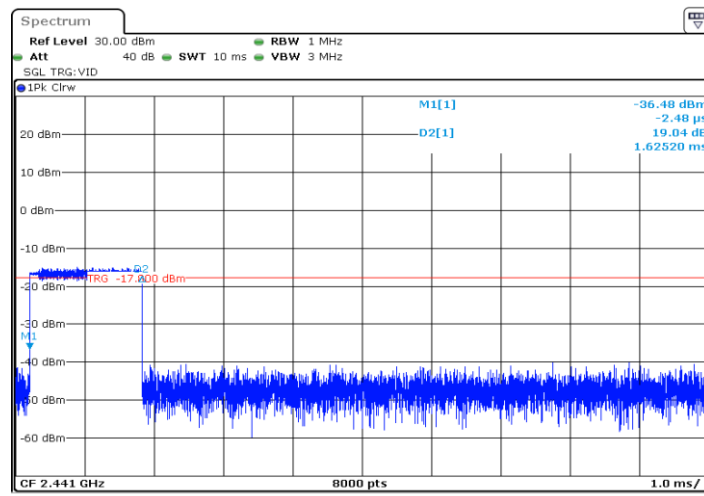


Date: 27.MAY.2020 20:35:33

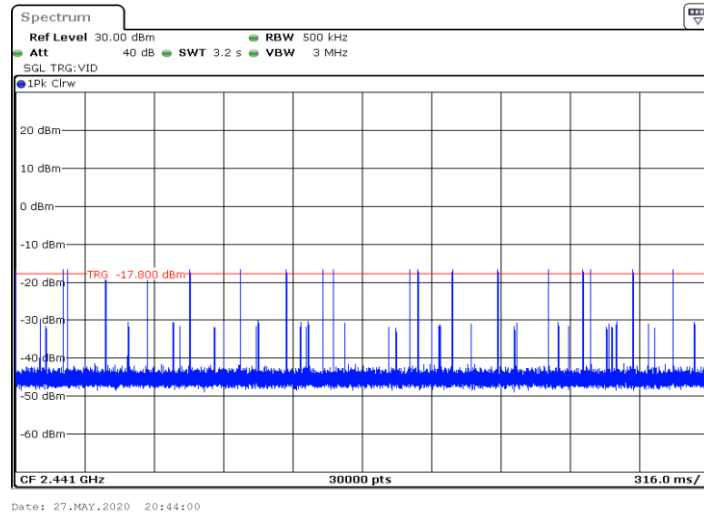


Date: 27.MAY.2020 20:35:39

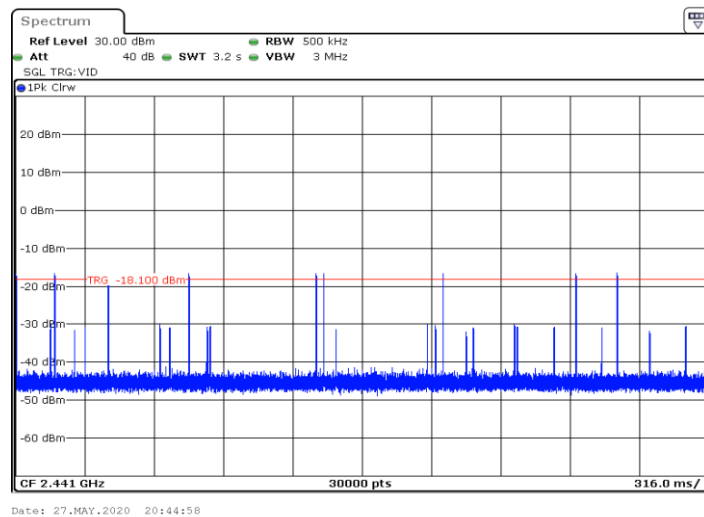
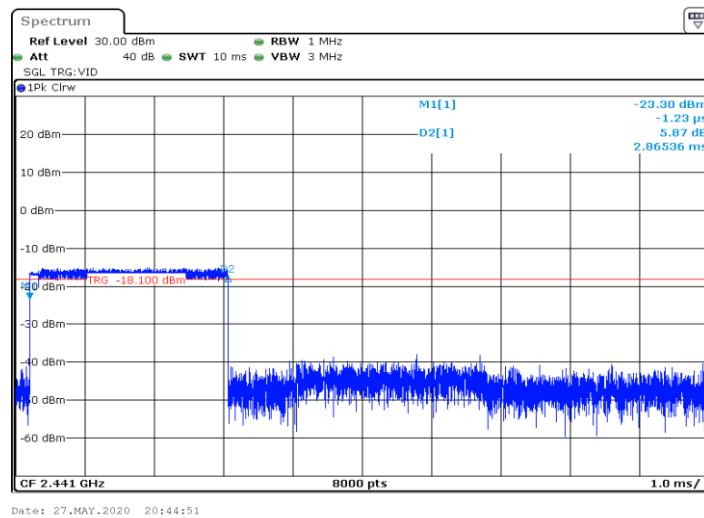
## 2DH3\_Ant1\_Hop



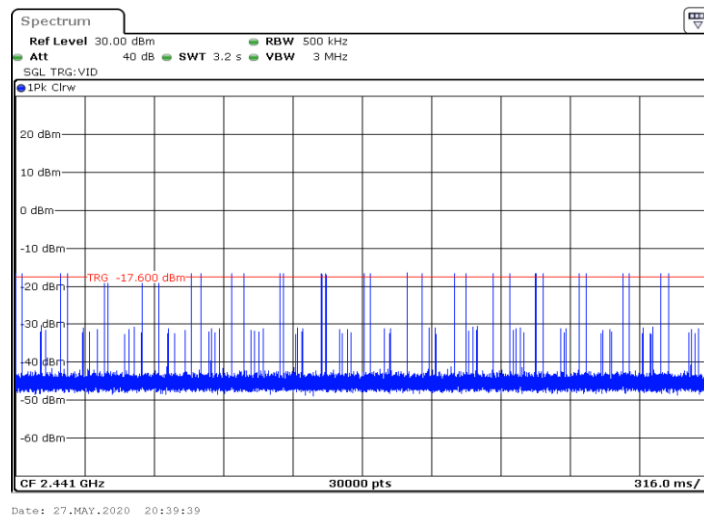
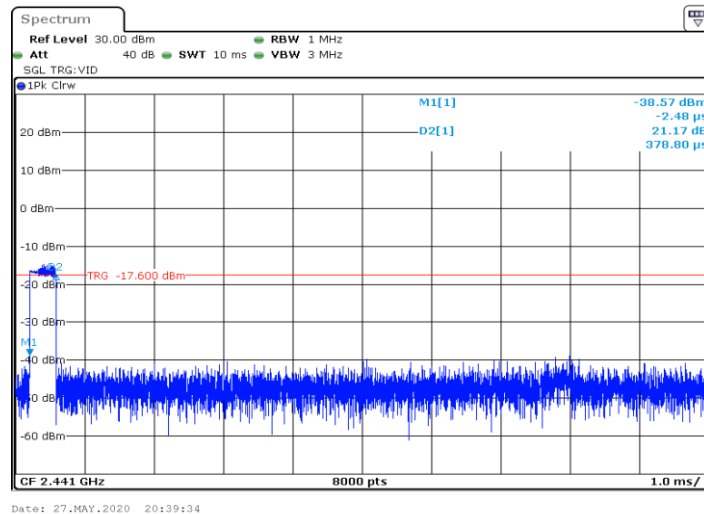
Date: 27.MAY.2020 20:43:55



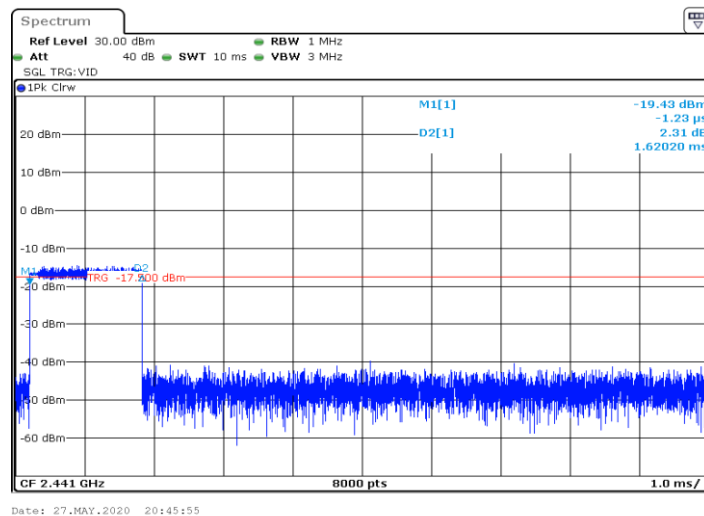
### 2DH5\_Ant1\_Hop

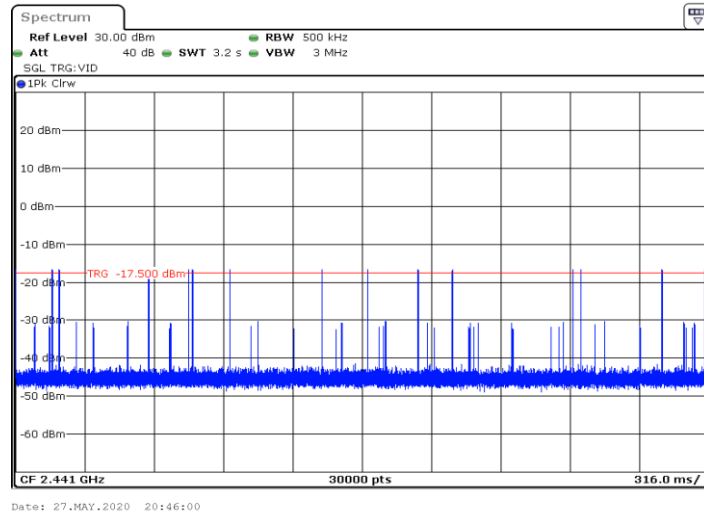


### 3DH1\_Ant1\_Hop

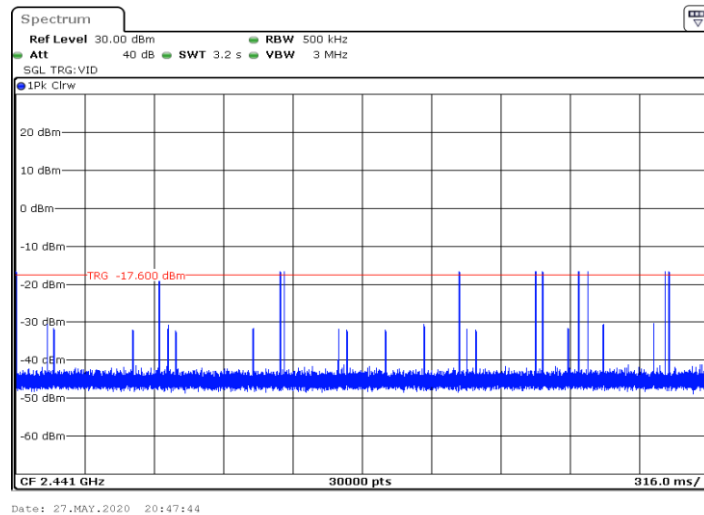
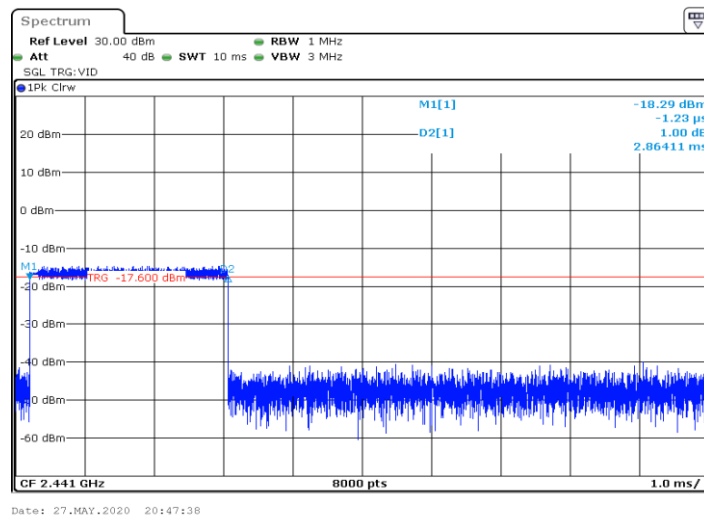


### 3DH3\_Ant1\_Hop





### 3DH5\_Ant1\_Hop



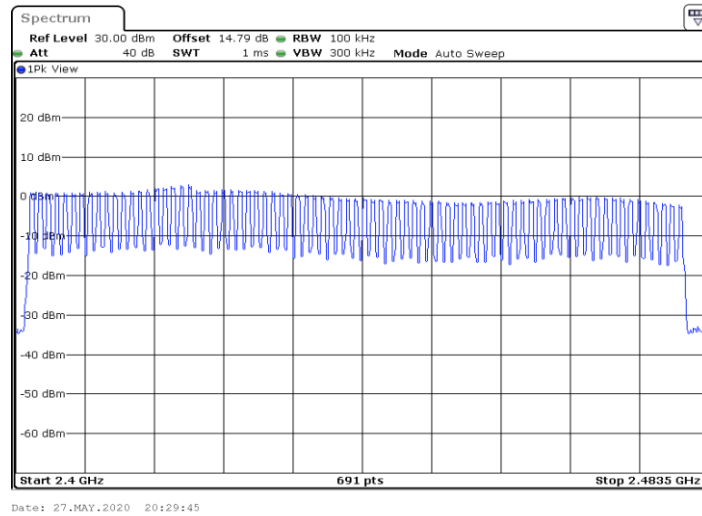
## Appendix F: Number of hopping channels

### Test Result

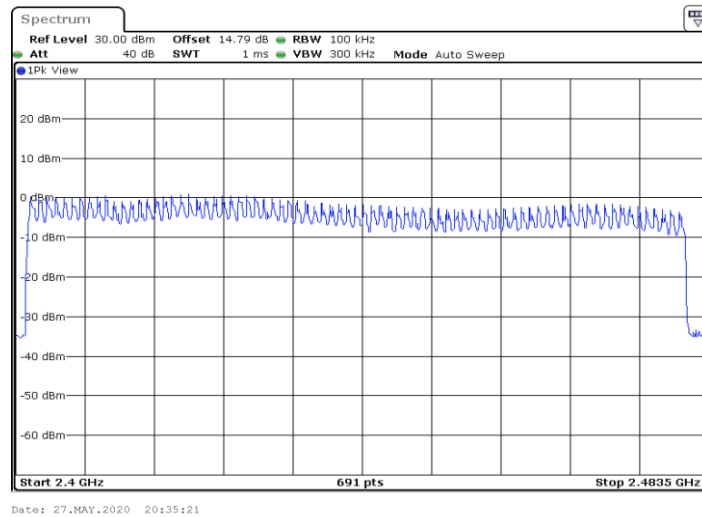
| TestMode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | Hop     | 79          | >=15       | PASS    |
| 2DH1     | Ant1    | Hop     | 79          | >=15       | PASS    |
| 3DH1     | Ant1    | Hop     | 79          | >=15       | PASS    |

## Test Graphs

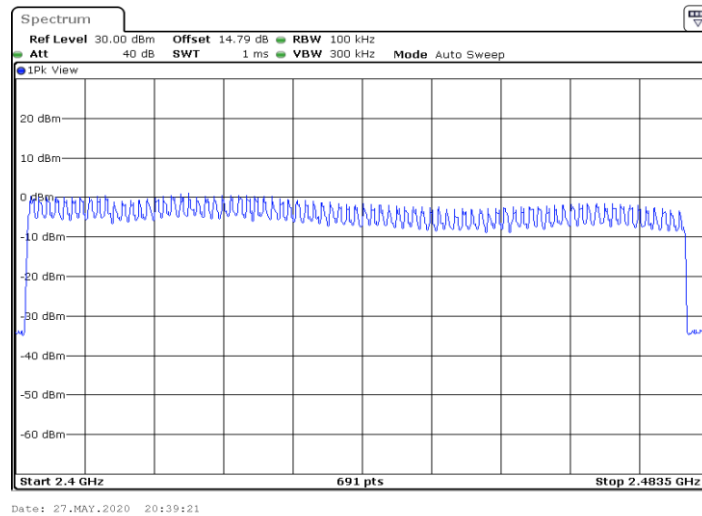
DH1\_Ant1\_Hop



2DH1\_Ant1\_Hop



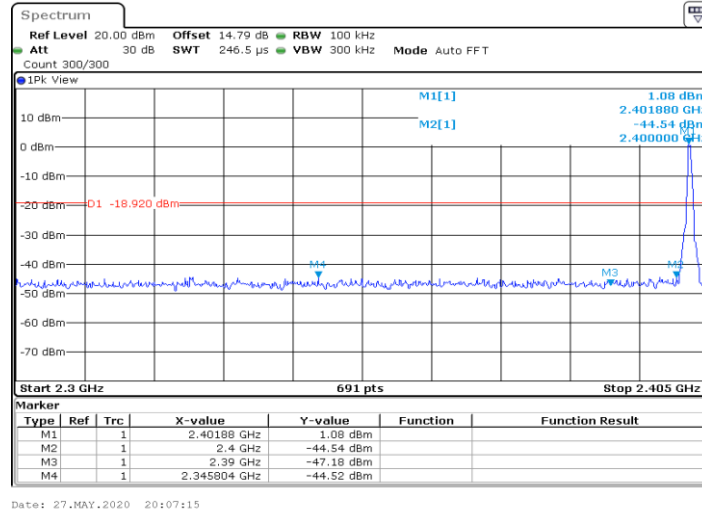
3DH1\_Ant1\_Hop



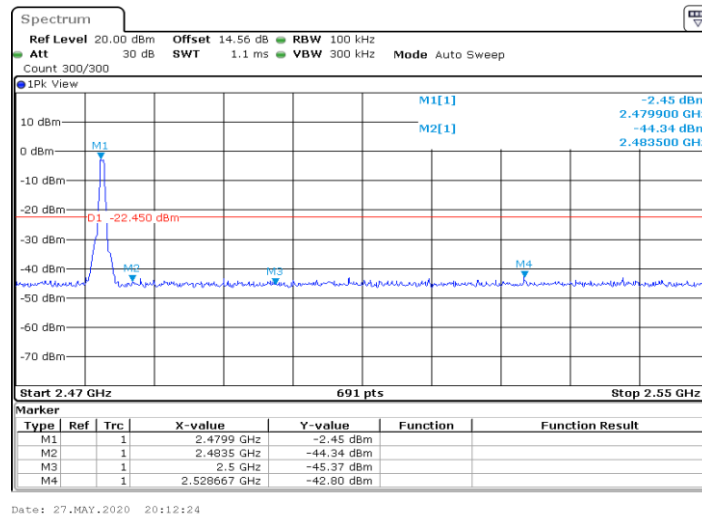
## Appendix G: Band edge measurements

## Test Graphs

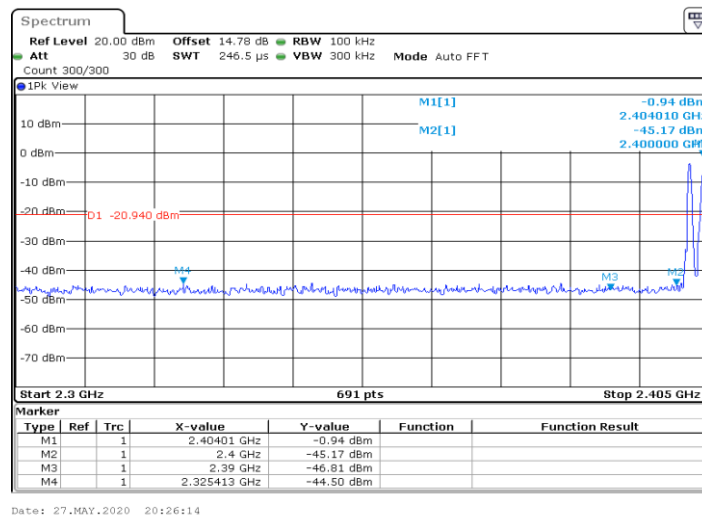
DH1\_Ant1\_Low\_2402



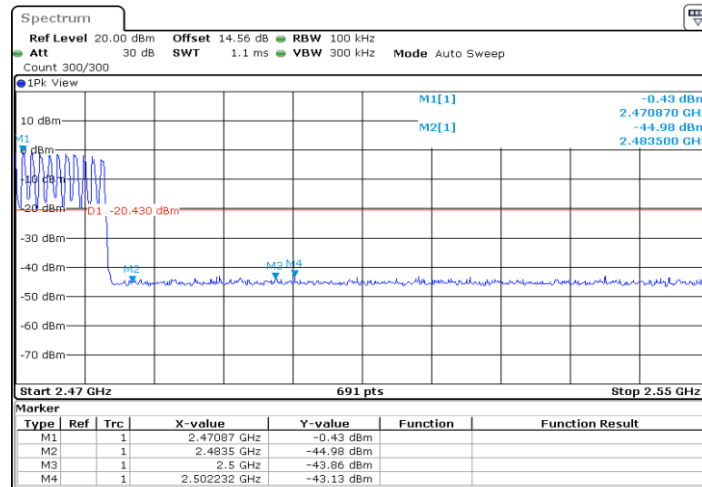
DH1\_Ant1\_High\_2480



DH1\_Ant1\_Low\_Hop\_2402

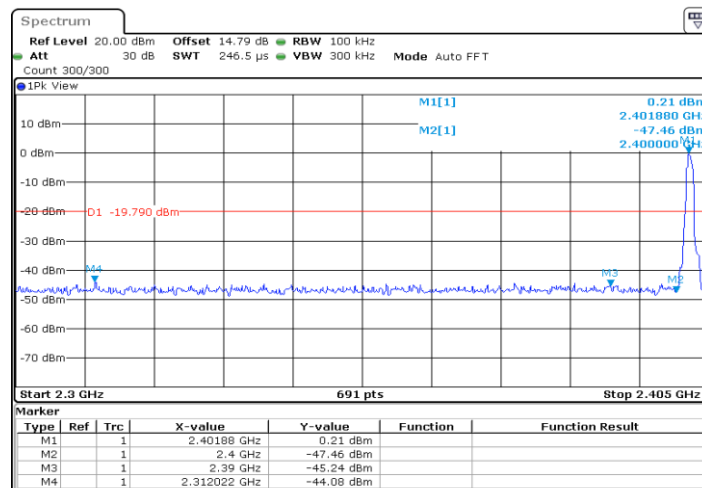


## DH1\_Ant1\_High\_Hop\_2480



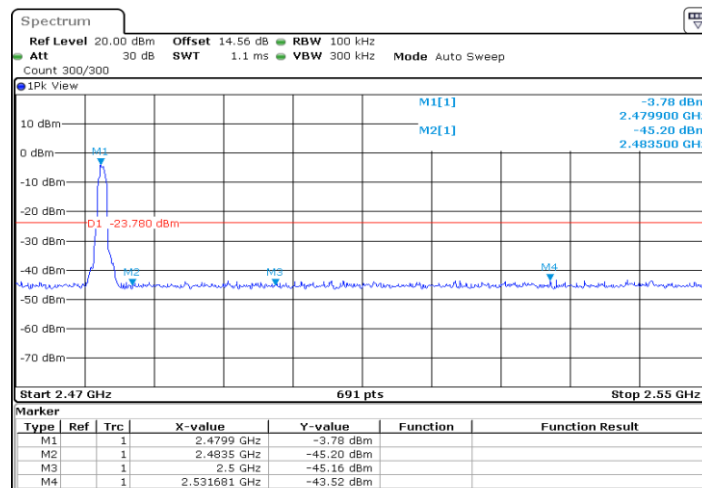
Date: 27.MAY.2020 20:30:27

## 2DH1\_Ant1\_Low\_2402



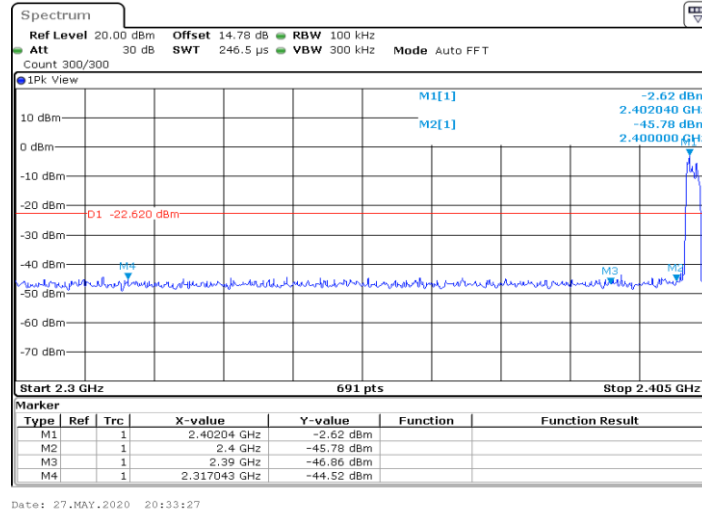
Date: 27.MAY.2020 20:17:42

## 2DH1\_Ant1\_High\_2480

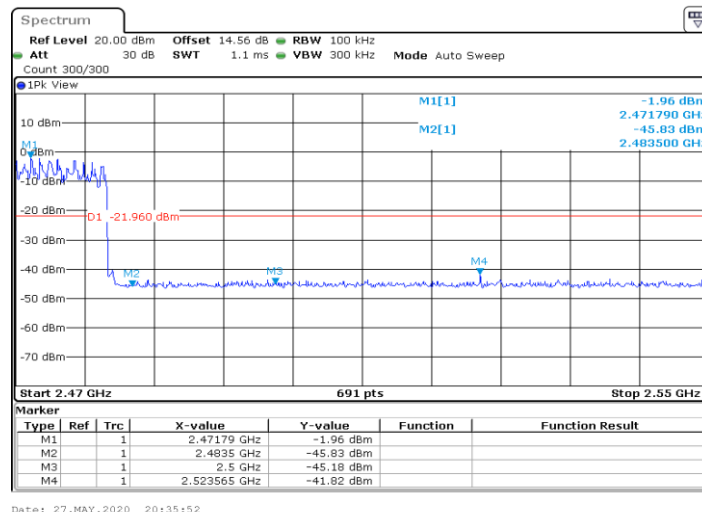


Date: 27.MAY.2020 20:20:16

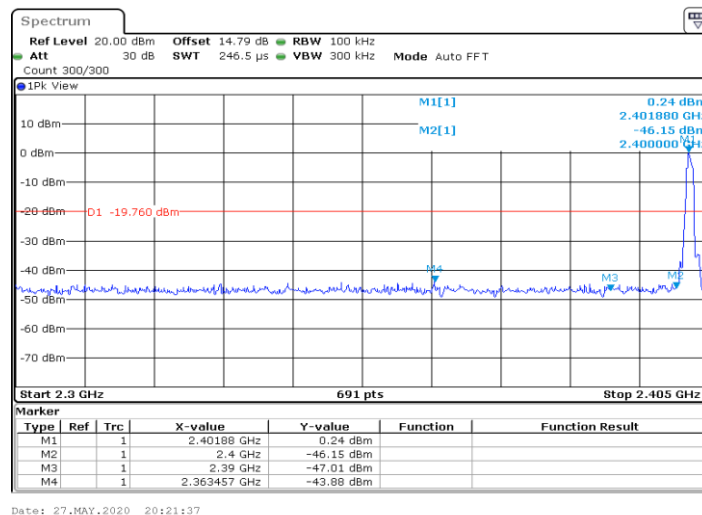
## 2DH1\_Ant1\_Low\_Hop\_2402



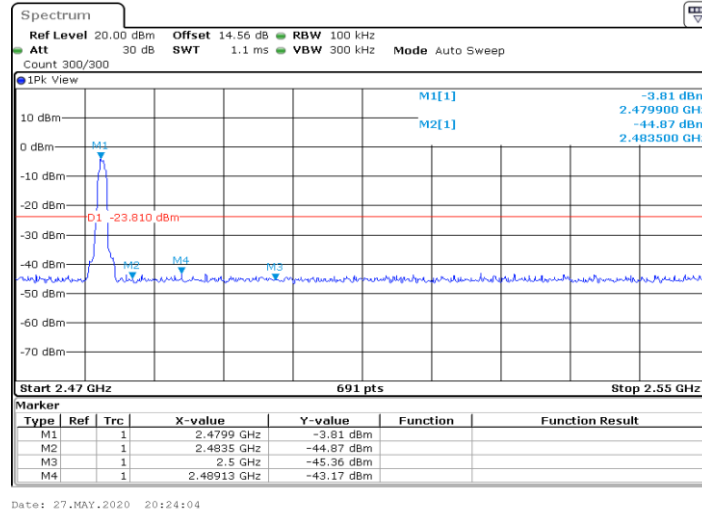
## 2DH1\_Ant1\_High\_Hop\_2480



## 3DH1\_Ant1\_Low\_2402

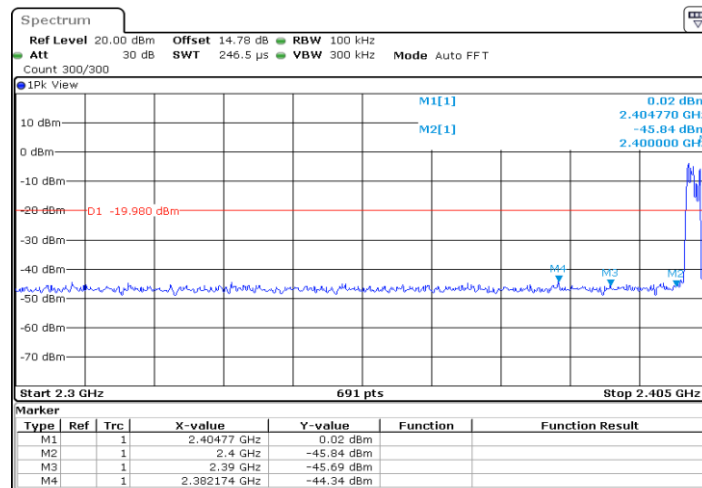


## 3DH1\_Ant1\_High\_2480



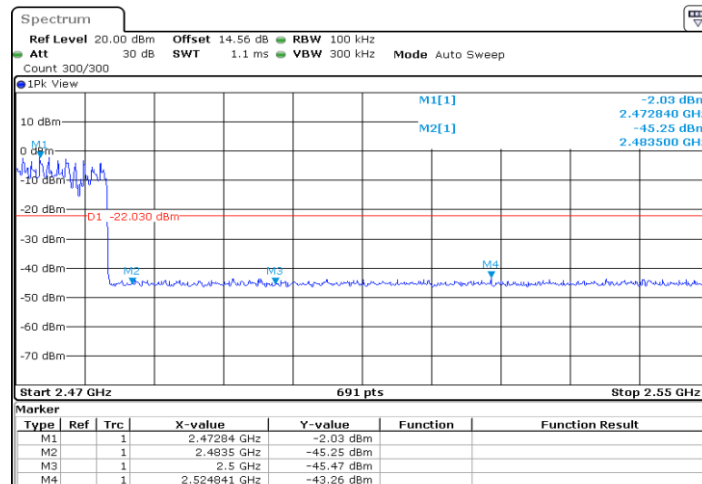
Date: 27.MAY.2020 20:24:04

## 3DH1\_Ant1\_Low\_Hop\_2402



Date: 27.MAY.2020 20:37:02

## 3DH1\_Ant1\_High\_Hop\_2480



Date: 27.MAY.2020 20:39:53