

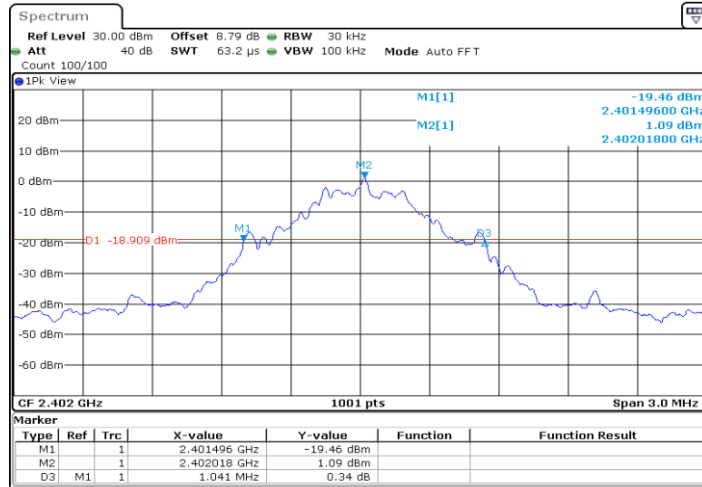
## Appendix A: 20dB Emission Bandwidth

### Test Result

| TestMode | Antenna | Channel | 20db EBW[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|---------------|------------|---------|
| DH1      | Ant1    | 2402    | 1.041         | ---        | PASS    |
|          |         | 2441    | 1.041         | ---        | PASS    |
|          |         | 2480    | 1.041         | ---        | PASS    |
| 2DH1     | Ant1    | 2402    | 1.227         | ---        | PASS    |
|          |         | 2441    | 1.248         | ---        | PASS    |
|          |         | 2480    | 1.227         | ---        | PASS    |
| 3DH1     | Ant1    | 2402    | 1.215         | ---        | PASS    |
|          |         | 2441    | 1.215         | ---        | PASS    |
|          |         | 2480    | 1.215         | ---        | PASS    |

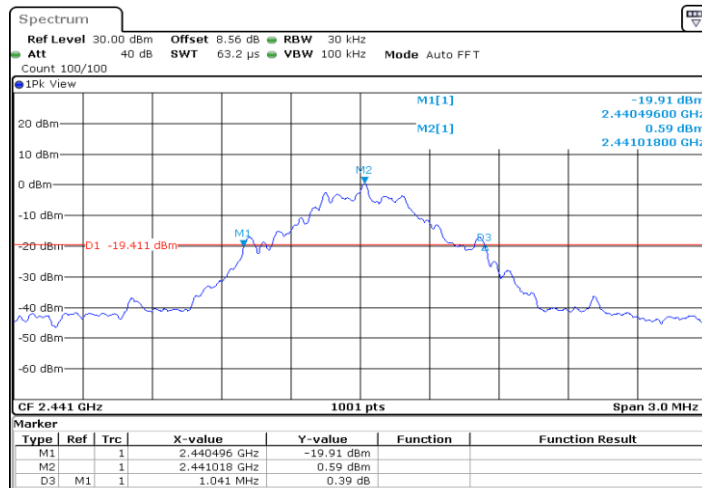
Test Graphs

DH1\_Ant1\_2402



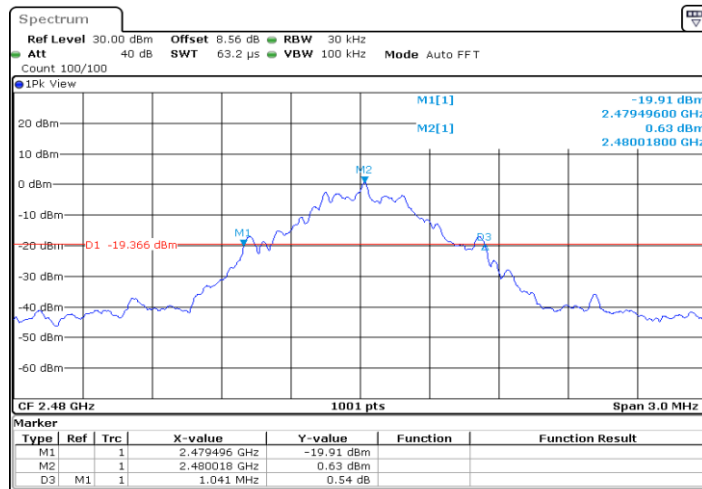
Date: 28.APR.2020 10:10:24

DH1\_Ant1\_2441



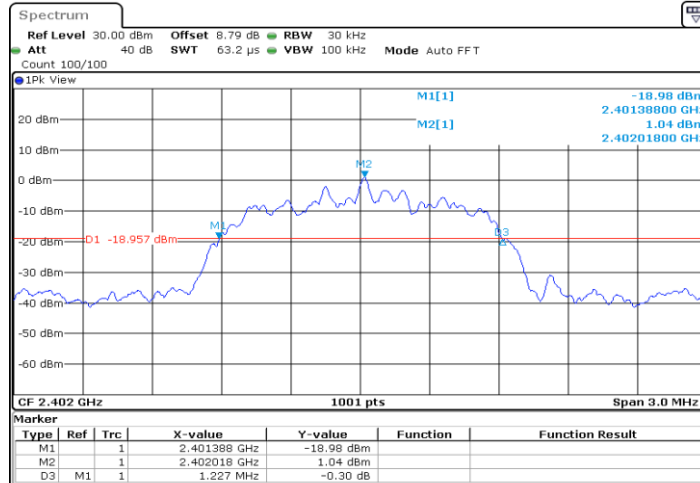
Date: 28.APR.2020 10:11:51

DH1\_Ant1\_2480



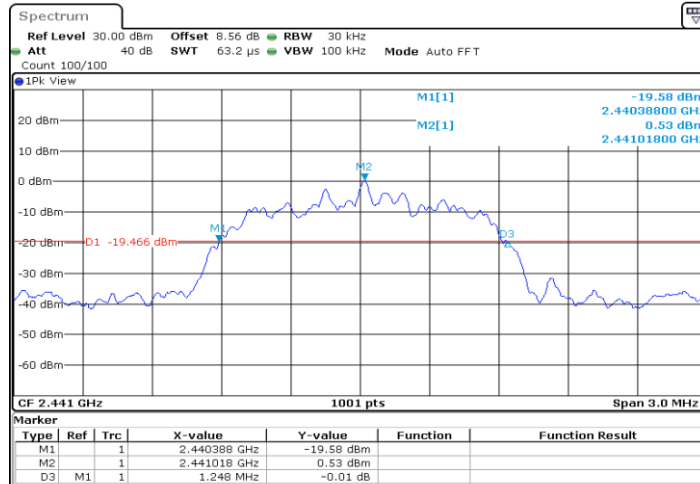
Date: 28.APR.2020 10:13:11

2DH1\_Ant1\_2402



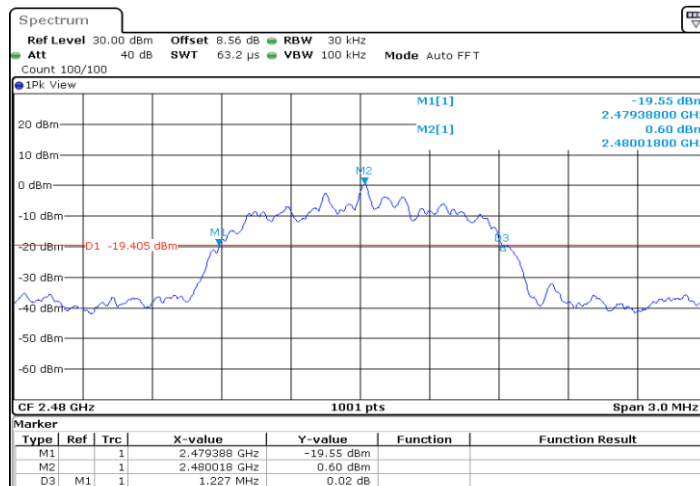
Date: 28.APR.2020 10:14:46

2DH1\_Ant1\_2441



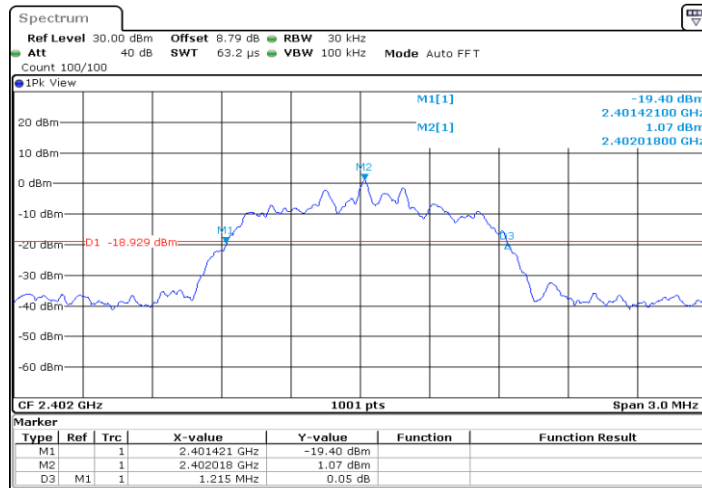
Date: 28.APR.2020 10:16:18

2DH1\_Ant1\_2480

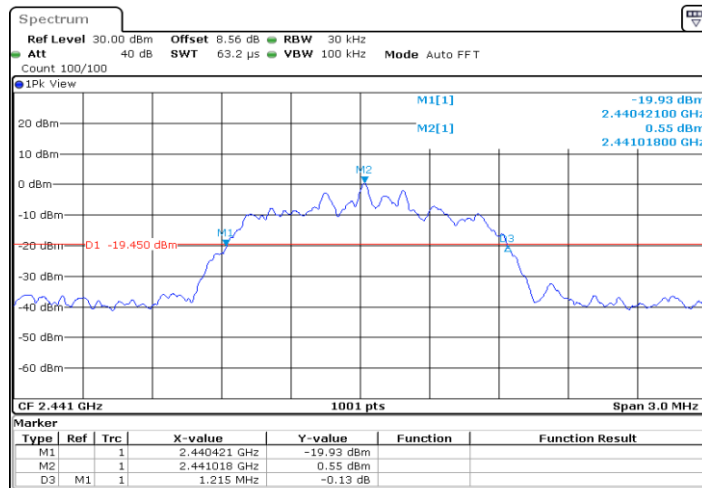


Date: 28.APR.2020 10:17:40

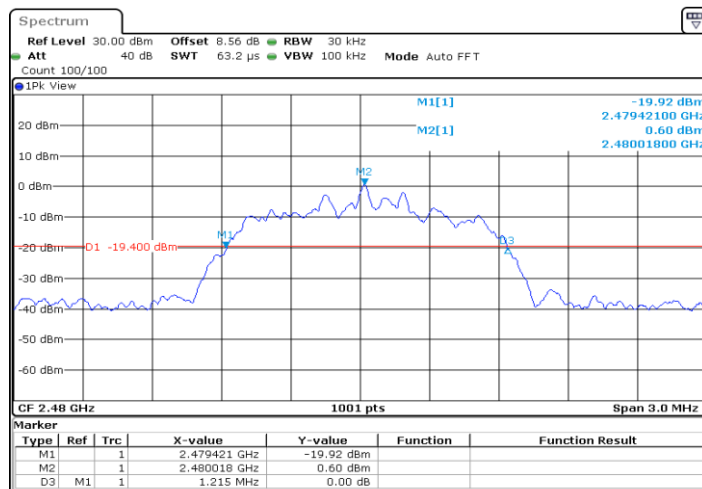
3DH1\_Ant1\_2402



3DH1\_Ant1\_2441



3DH1\_Ant1\_2480



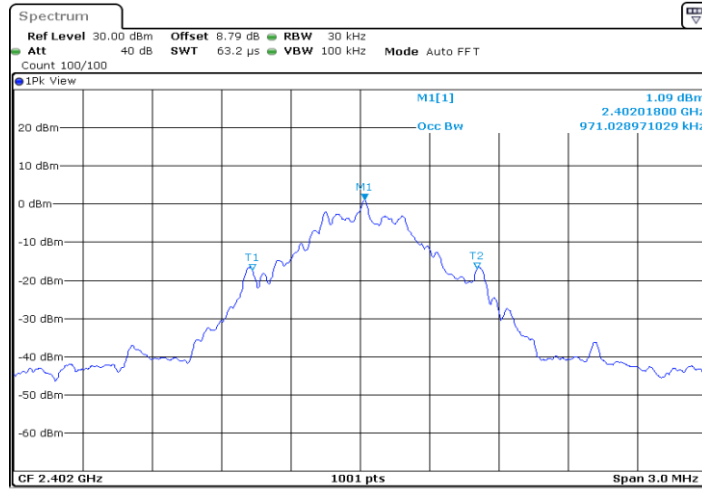
## Appendix B: Occupied Channel Bandwidth

### Test Result

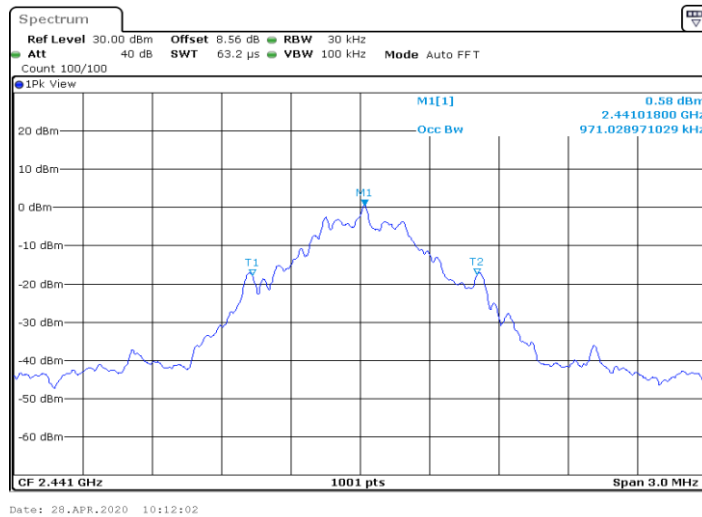
| TestMode | Antenna | Channel | OCB [MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|------------|---------|
| DH1      | Ant1    | 2402    | 0.971     | ---        | PASS    |
|          |         | 2441    | 0.971     | ---        | PASS    |
|          |         | 2480    | 0.971     | ---        | PASS    |
| 2DH1     | Ant1    | 2402    | 1.172     | ---        | PASS    |
|          |         | 2441    | 1.169     | ---        | PASS    |
|          |         | 2480    | 1.169     | ---        | PASS    |
| 3DH1     | Ant1    | 2402    | 1.151     | ---        | PASS    |
|          |         | 2441    | 1.151     | ---        | PASS    |
|          |         | 2480    | 1.151     | ---        | PASS    |

Test Graphs

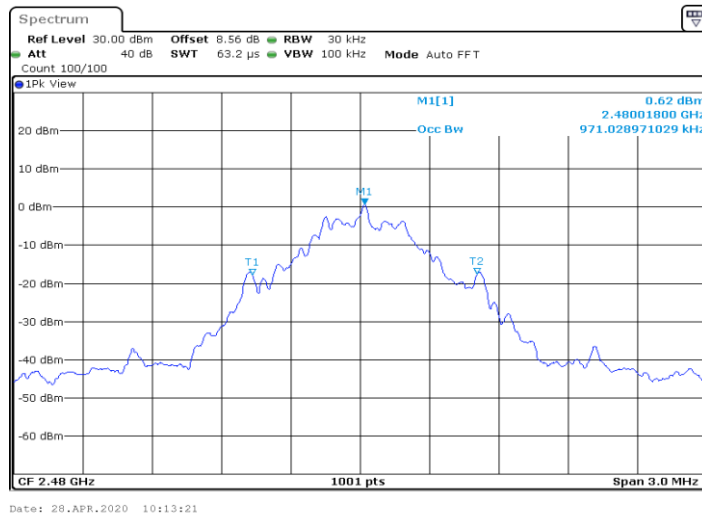
DH1\_Ant1\_2402



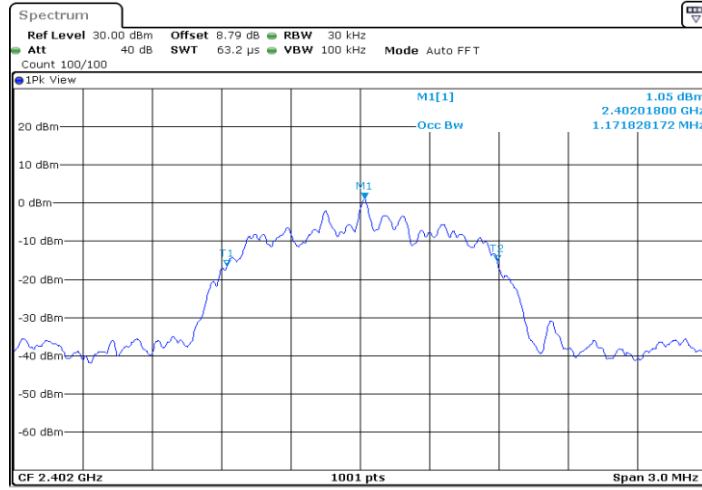
DH1\_Ant1\_2441



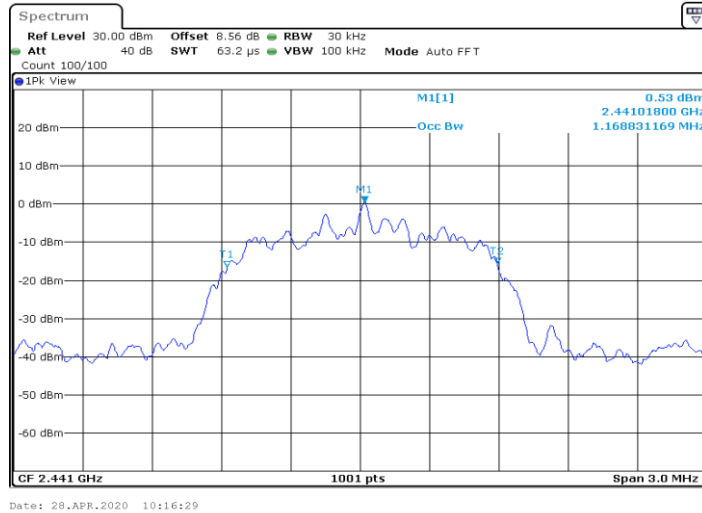
DH1\_Ant1\_2480



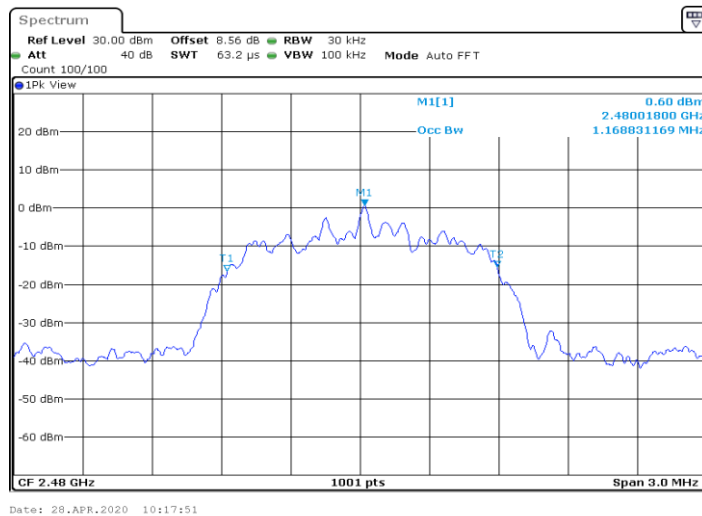
2DH1\_Ant1\_2402



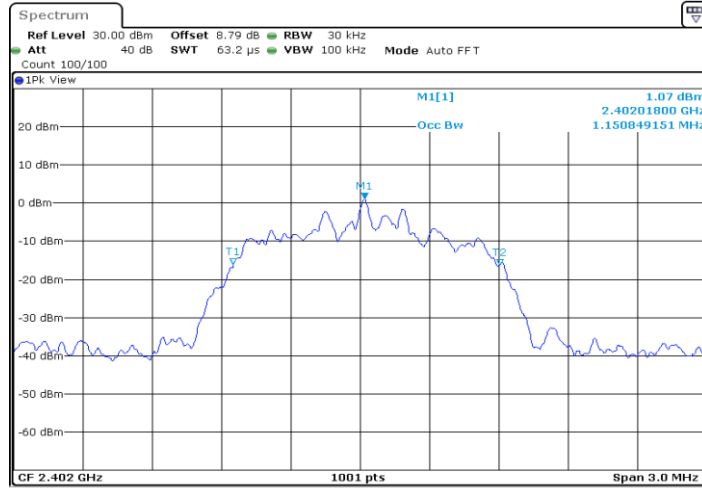
2DH1\_Ant1\_2441



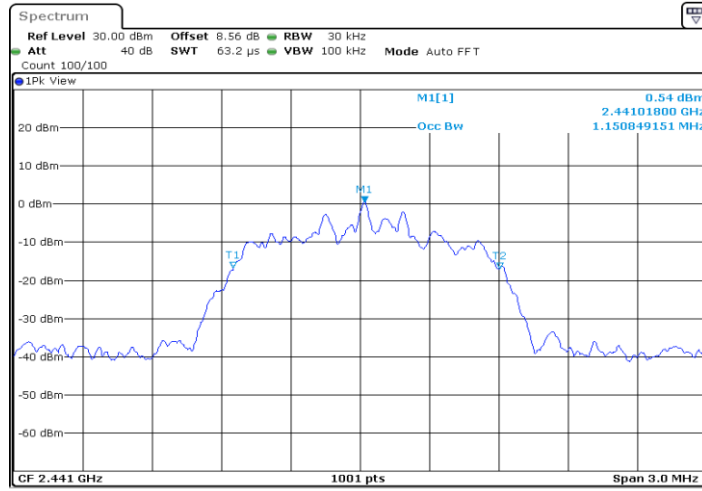
2DH1\_Ant1\_2480



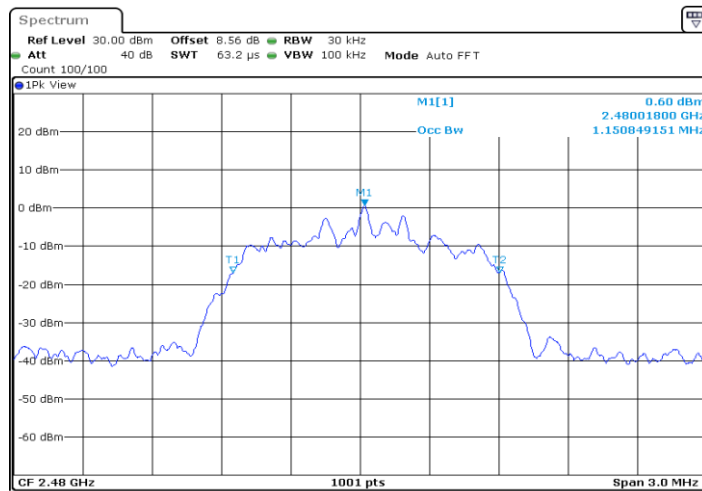
3DH1\_Ant1\_2402



3DH1\_Ant1\_2441



3DH1\_Ant1\_2480





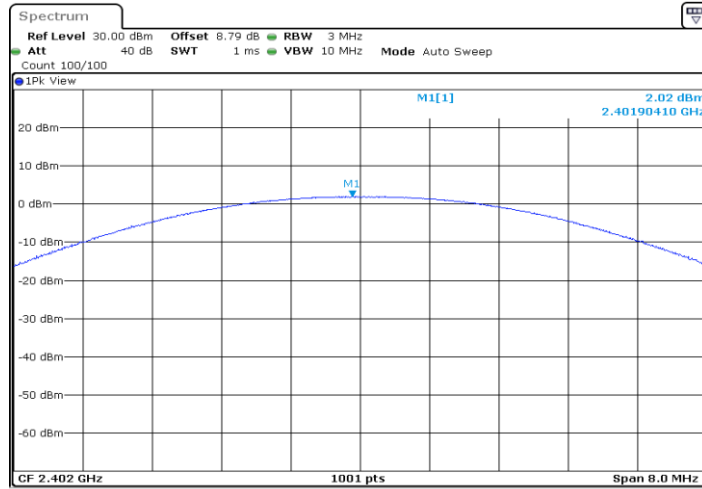
## Appendix C: Maximum conducted Peak output power

### Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | 2402    | 2.02        | <=20.97    | PASS    |
|          |         | 2441    | 1.49        | <=20.97    | PASS    |
|          |         | 2480    | 1.52        | <=20.97    | PASS    |
| 2DH1     | Ant1    | 2402    | 4.43        | <=20.97    | PASS    |
|          |         | 2441    | 3.93        | <=20.97    | PASS    |
|          |         | 2480    | 3.99        | <=20.97    | PASS    |
| 3DH1     | Ant1    | 2402    | 5.22        | <=20.97    | PASS    |
|          |         | 2441    | 4.71        | <=20.97    | PASS    |
|          |         | 2480    | 4.77        | <=20.97    | PASS    |

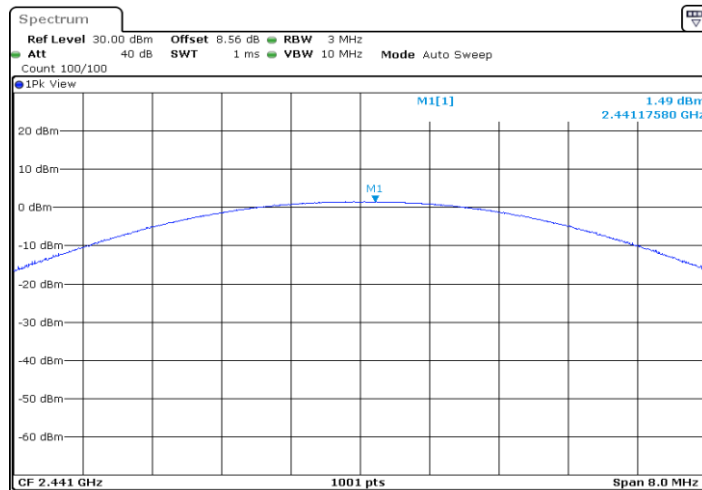
Test Graphs

DH1\_Ant1\_2402



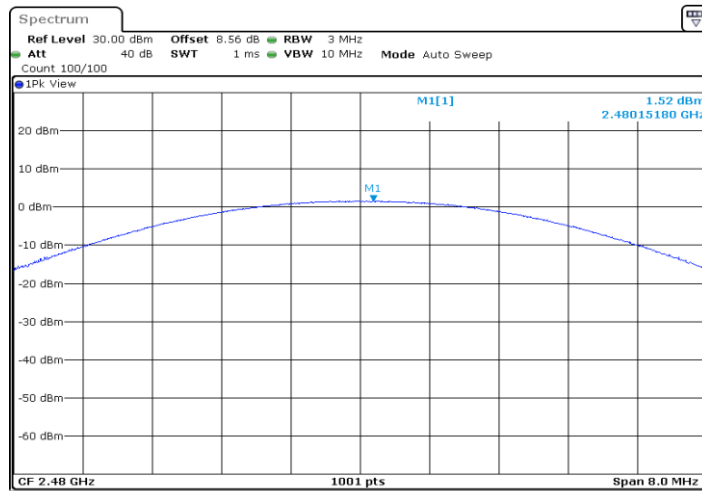
Date: 28.APR.2020 10:10:52

DH1\_Ant1\_2441



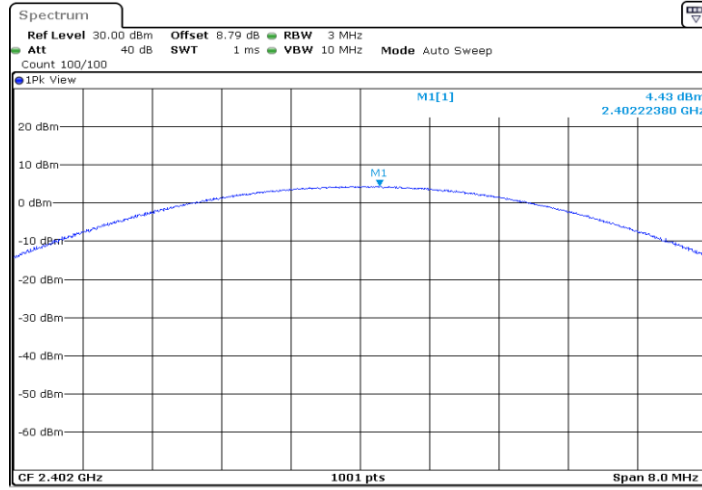
Date: 28.APR.2020 10:12:09

DH1\_Ant1\_2480



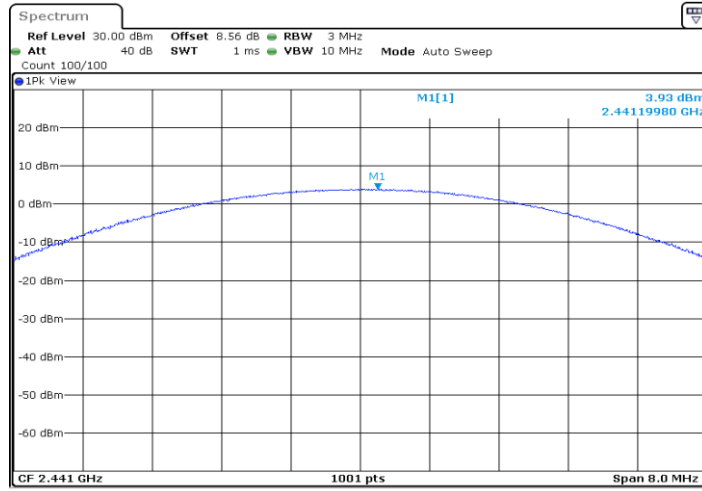
Date: 28.APR.2020 10:13:38

2DH1\_Ant1\_2402



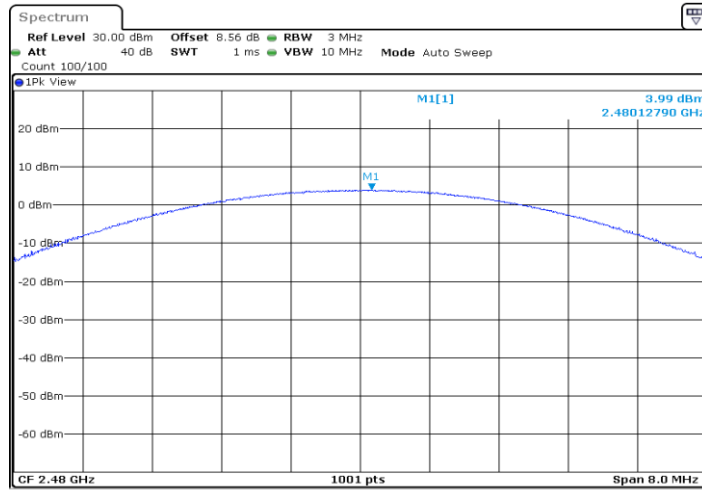
Date: 28.APR.2020 10:15:13

2DH1\_Ant1\_2441



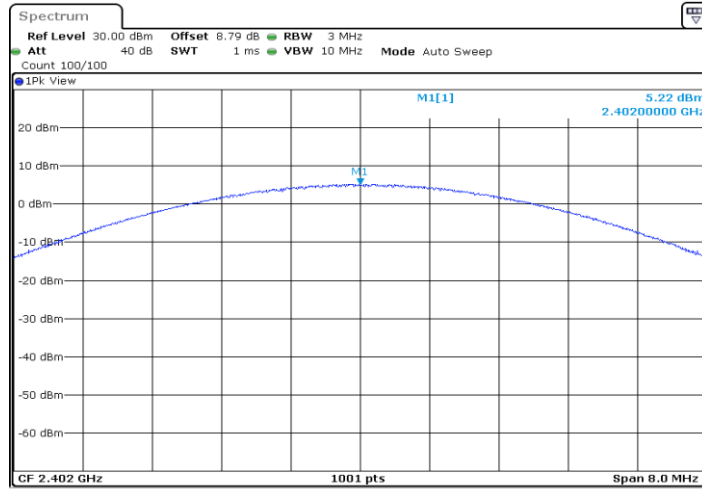
Date: 28.APR.2020 10:16:36

2DH1\_Ant1\_2480



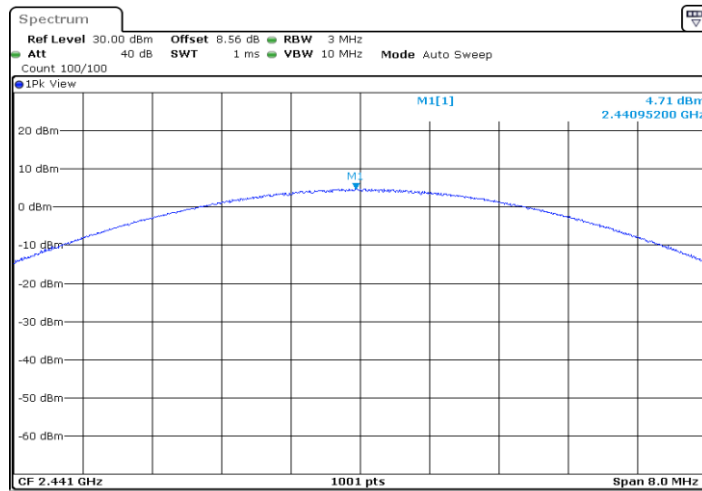
Date: 28.APR.2020 10:18:08

3DH1\_Ant1\_2402



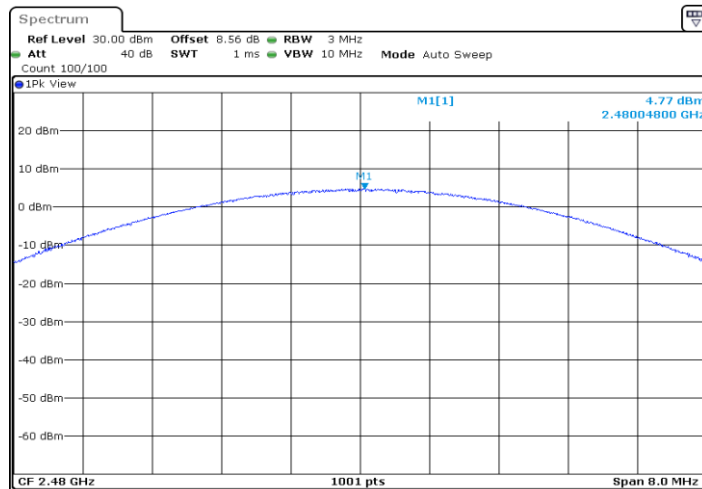
Date: 28.APR.2020 10:19:46

3DH1\_Ant1\_2441



Date: 28.APR.2020 10:20:59

3DH1\_Ant1\_2480



Date: 28.APR.2020 10:22:39

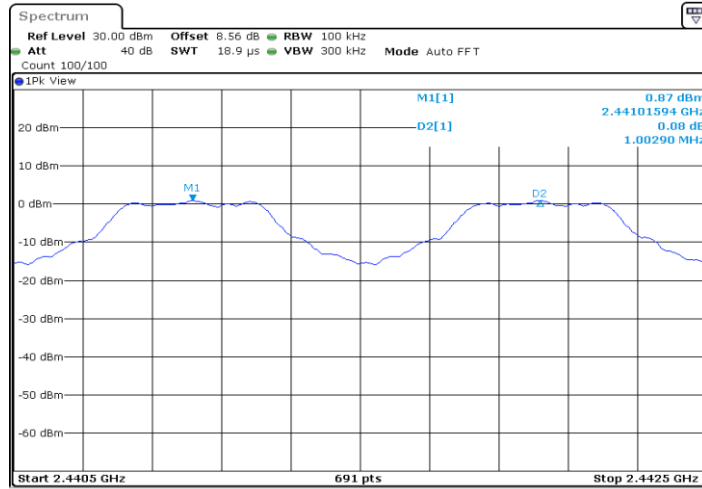
## Appendix D: Carrier frequency separation

### Test Result

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH1      | Ant1    | Hop     | 1.003       | $\geq 0.694$ | PASS    |
| 2DH1     | Ant1    | Hop     | 1           | $\geq 0.832$ | PASS    |
| 3DH1     | Ant1    | Hop     | 1           | $\geq 0.810$ | PASS    |

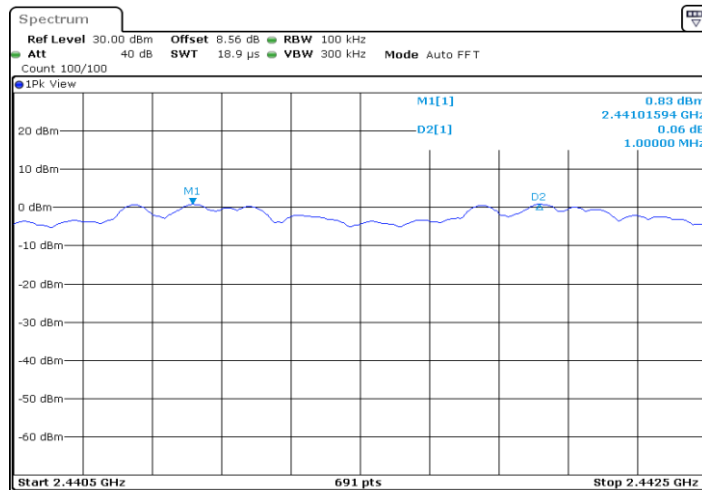
### Test Graphs

#### DH1\_Ant1\_Hop



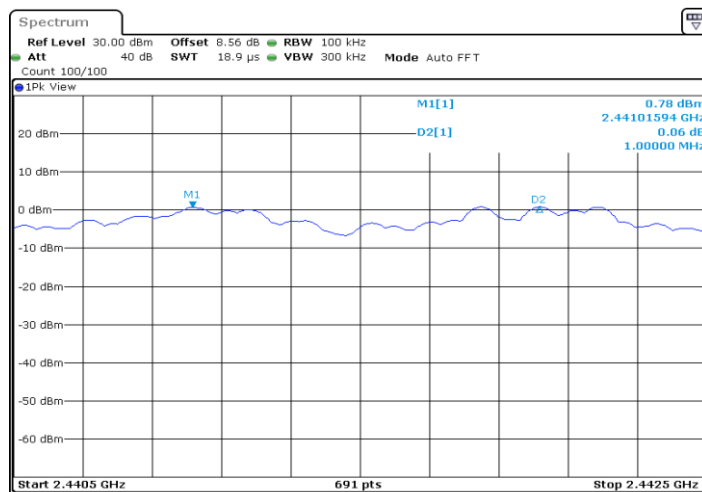
Date: 28.APR.2020 10:25:07

#### 2DH1\_Ant1\_Hop



Date: 28.APR.2020 10:30:40

#### 3DH1\_Ant1\_Hop



Date: 28.APR.2020 10:35:43

## Appendix E: Time of occupancy

### Test Result

| TestMode | Antenna | Channel | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop     | 0.41               | 180                | 0.073     | <=0.4    | PASS    |
| DH3      | Ant1    | Hop     | 1.66               | 140                | 0.232     | <=0.4    | PASS    |
| DH5      | Ant1    | Hop     | 2.90               | 100                | 0.29      | <=0.4    | PASS    |
| 2DH1     | Ant1    | Hop     | 0.42               | 190                | 0.079     | <=0.4    | PASS    |
| 2DH3     | Ant1    | Hop     | 1.66               | 80                 | 0.133     | <=0.4    | PASS    |
| 2DH5     | Ant1    | Hop     | 2.90               | 90                 | 0.261     | <=0.4    | PASS    |
| 3DH1     | Ant1    | Hop     | 0.42               | 140                | 0.058     | <=0.4    | PASS    |
| 3DH3     | Ant1    | Hop     | 1.66               | 80                 | 0.133     | <=0.4    | PASS    |
| 3DH5     | Ant1    | Hop     | 2.91               | 70                 | 0.203     | <=0.4    | PASS    |

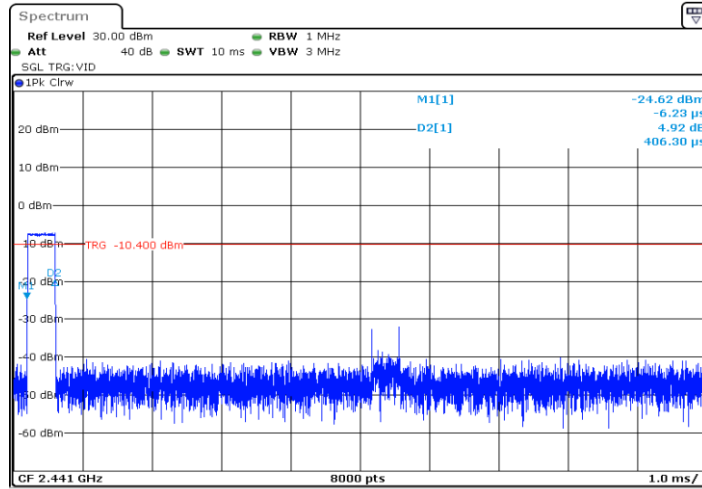
Note 1: A period time= $0.4 \times 79 = 31.6$ (S), Result=BurstWidth\*Totalhops

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

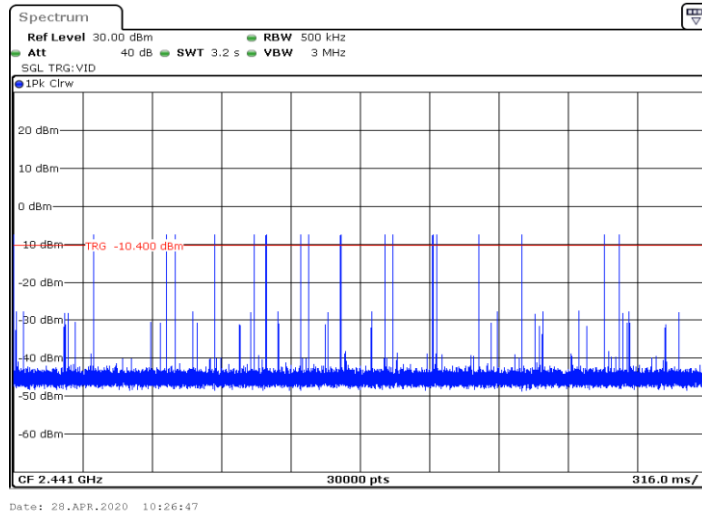
Note 3: Hopping Number in 3.16s=Total of highest signals in 3.16s(Second high signals were other channel)

### Test Graphs

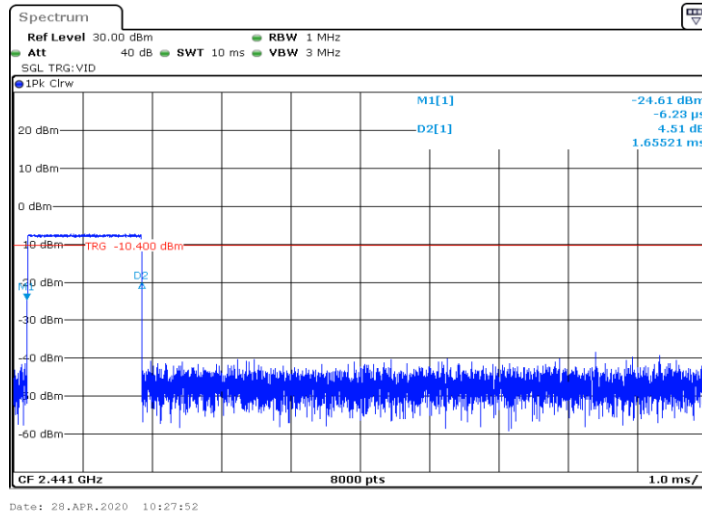
#### DH1\_Ant1\_Hop



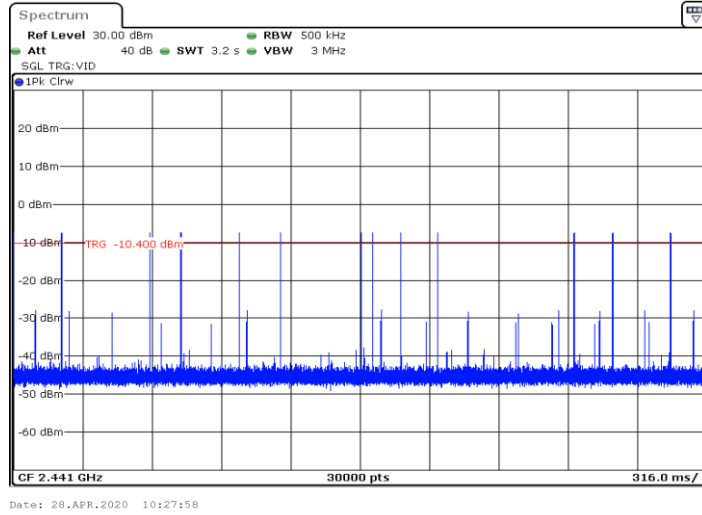
#### DH3\_Ant1\_Hop



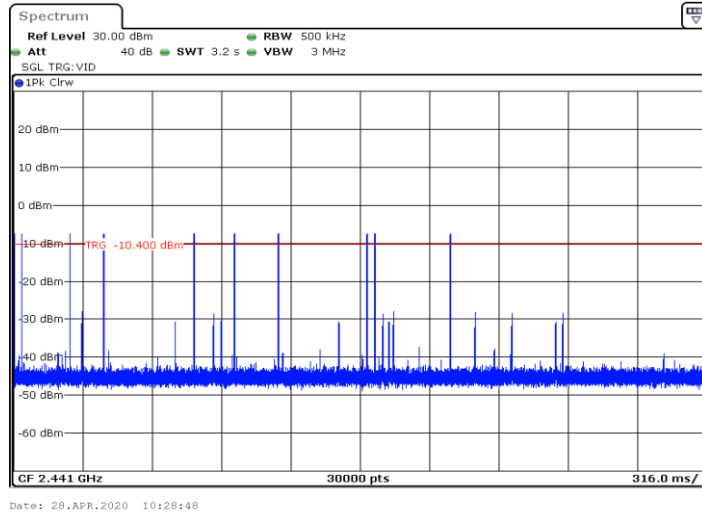
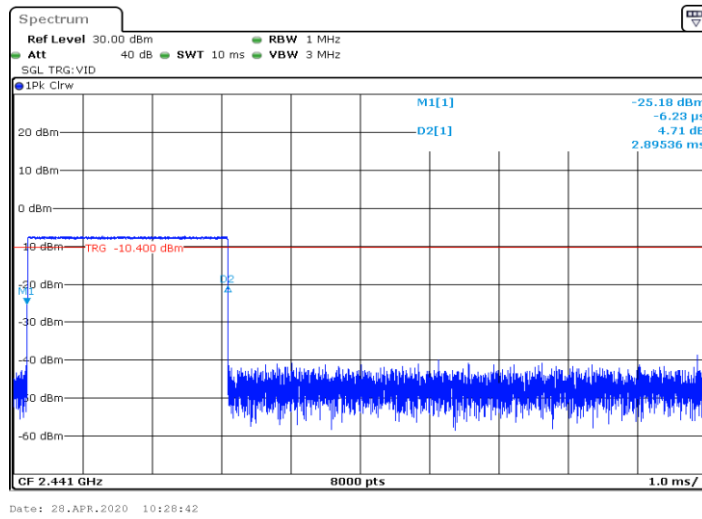
#### DH1\_Ant1\_Hop



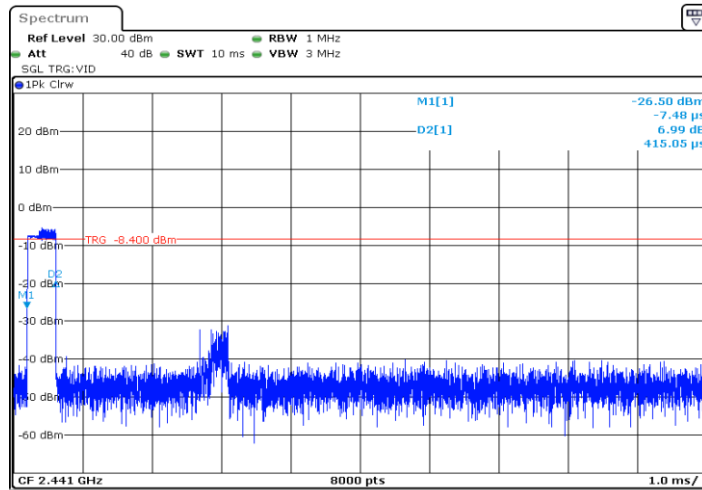




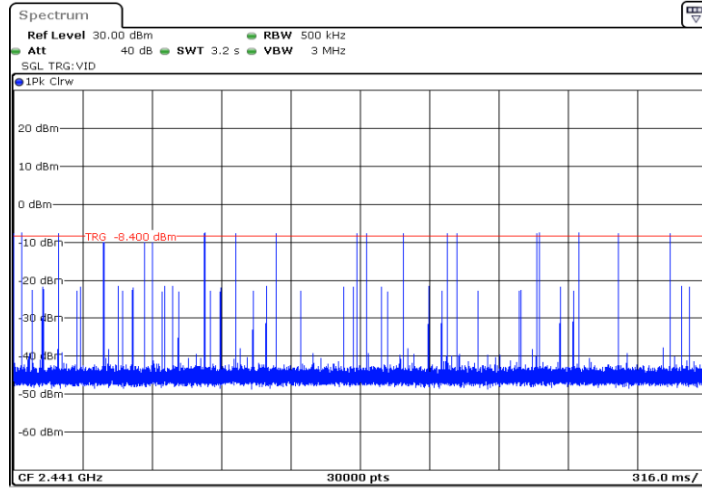
DH5\_Ant1\_Hop



2DH1\_Ant1\_Hop

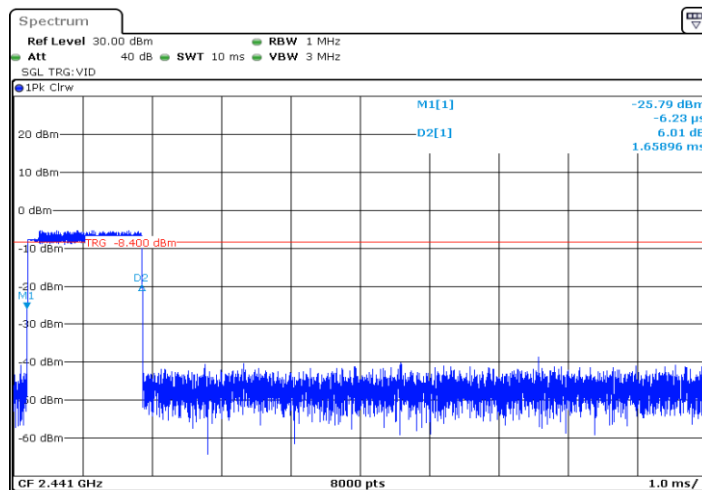


Date: 28.APR.2020 10:31:36

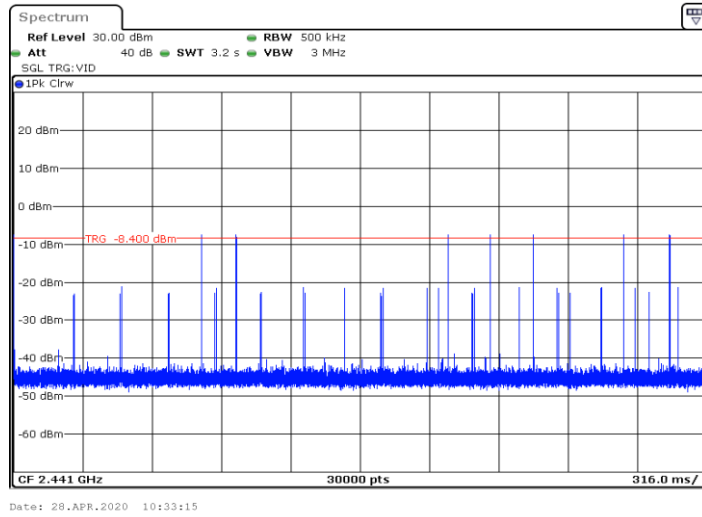


Date: 28.APR.2020 10:31:42

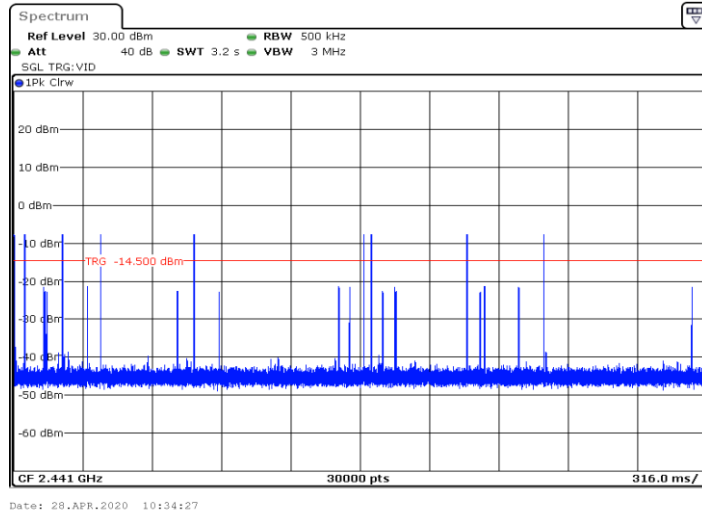
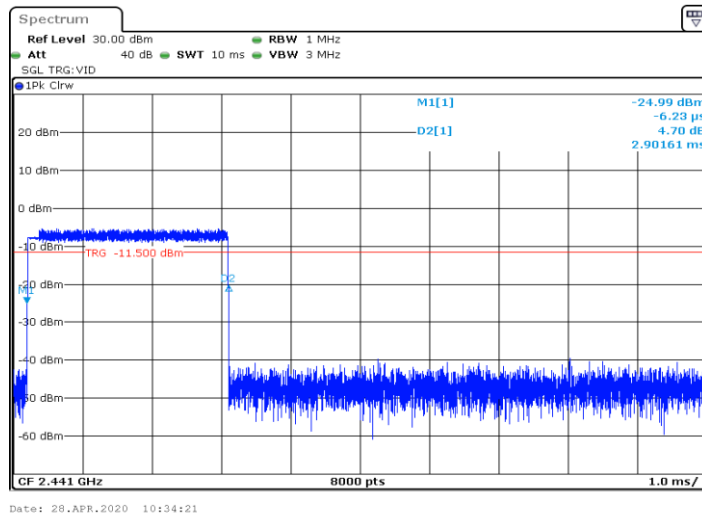
2DH3\_Ant1\_Hop



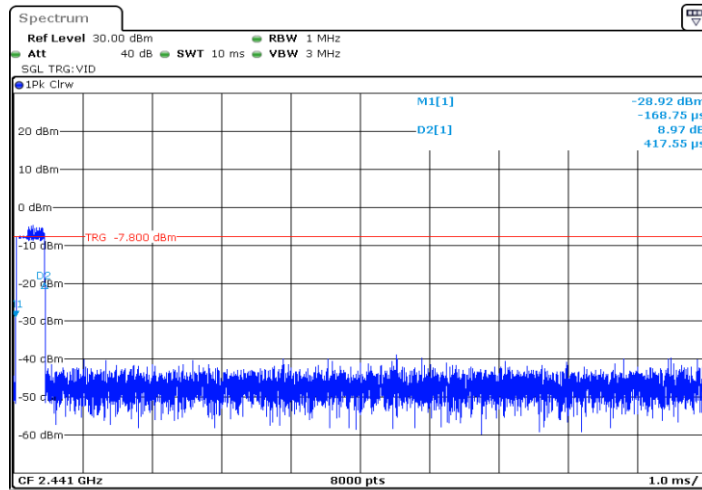
Date: 28.APR.2020 10:33:09



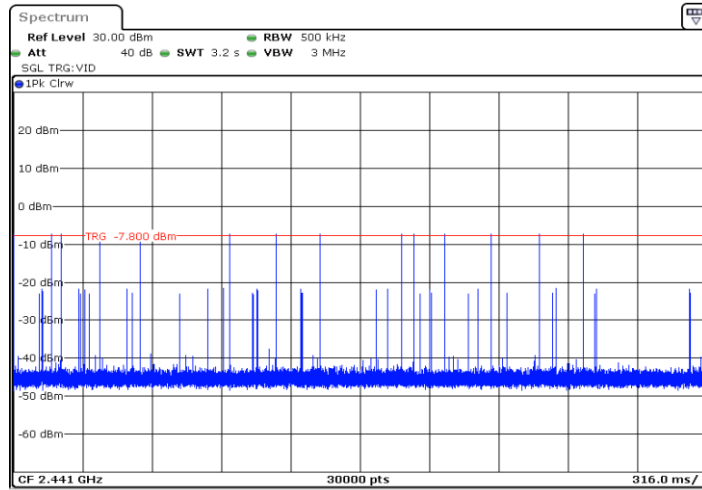
2DH5\_Ant1\_Hop



3DH1\_Ant1\_Hop

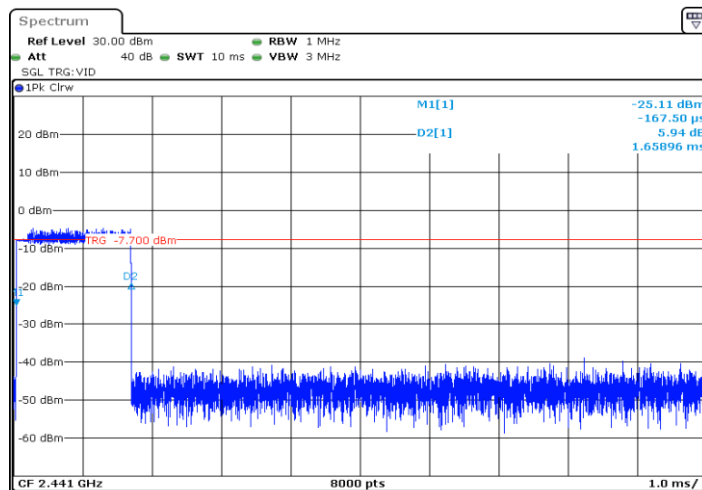


Date: 28.APR.2020 10:36:42

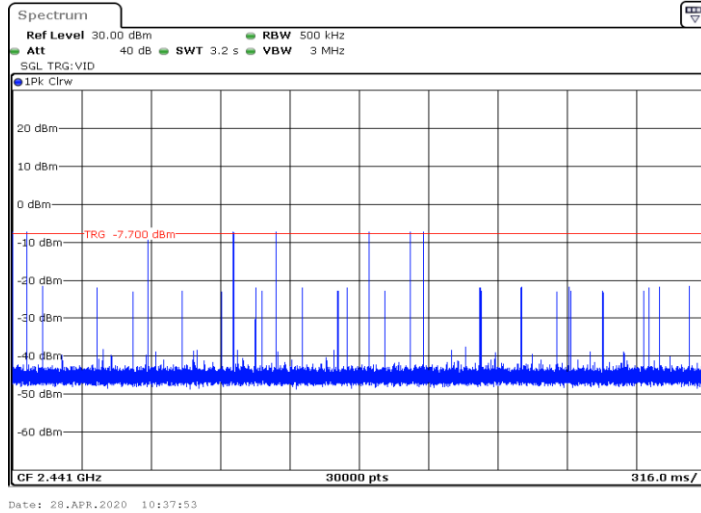


Date: 28.APR.2020 10:36:47

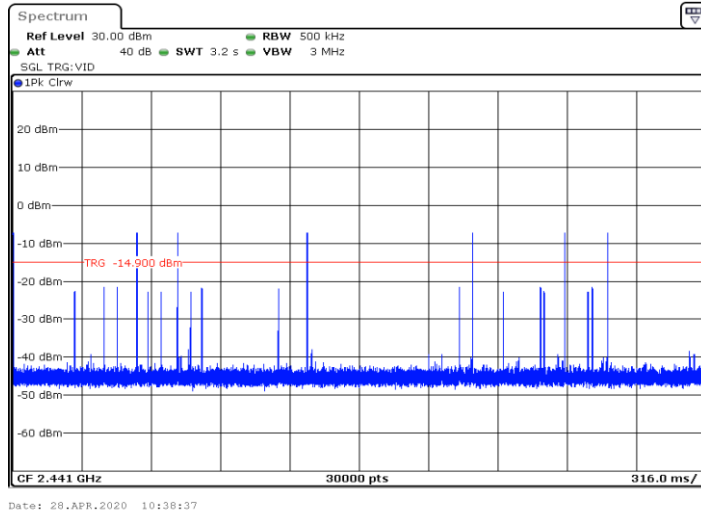
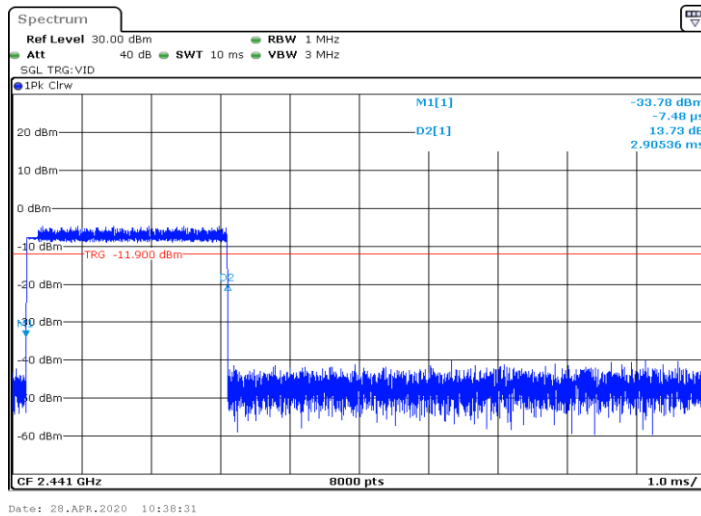
3DH3\_Ant1\_Hop



Date: 28.APR.2020 10:37:47



3DH5\_Ant1\_Hop



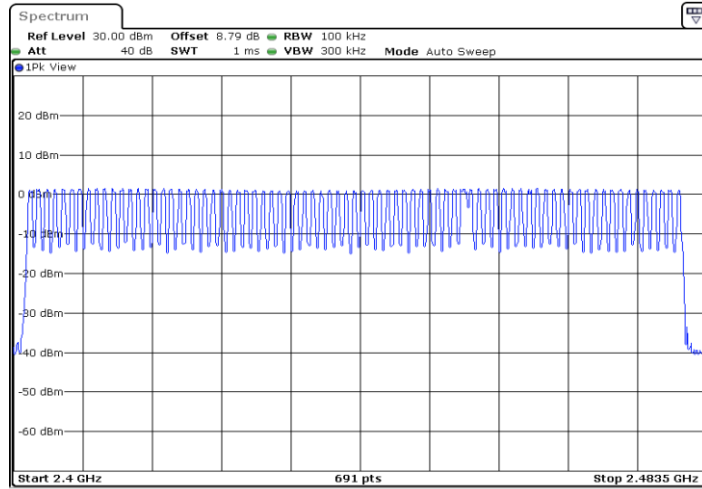
## Appendix F: Number of hopping channels

### Test Result

| TestMode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |
| 2DH1     | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |
| 3DH1     | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |

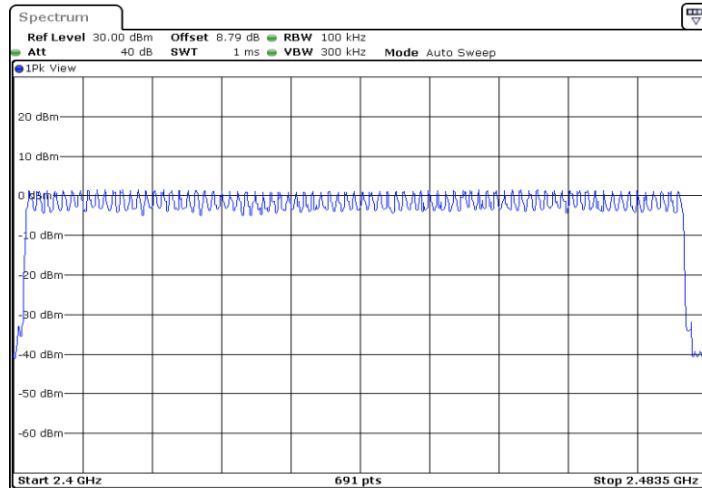
### Test Graphs

#### DH1\_Ant1\_Hop



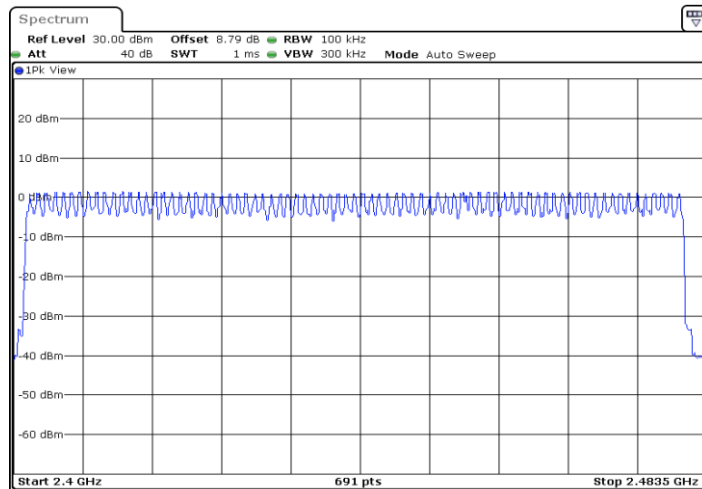
Date: 28.APR.2020 10:26:29

#### 2DH1\_Ant1\_Hop



Date: 28.APR.2020 10:31:23

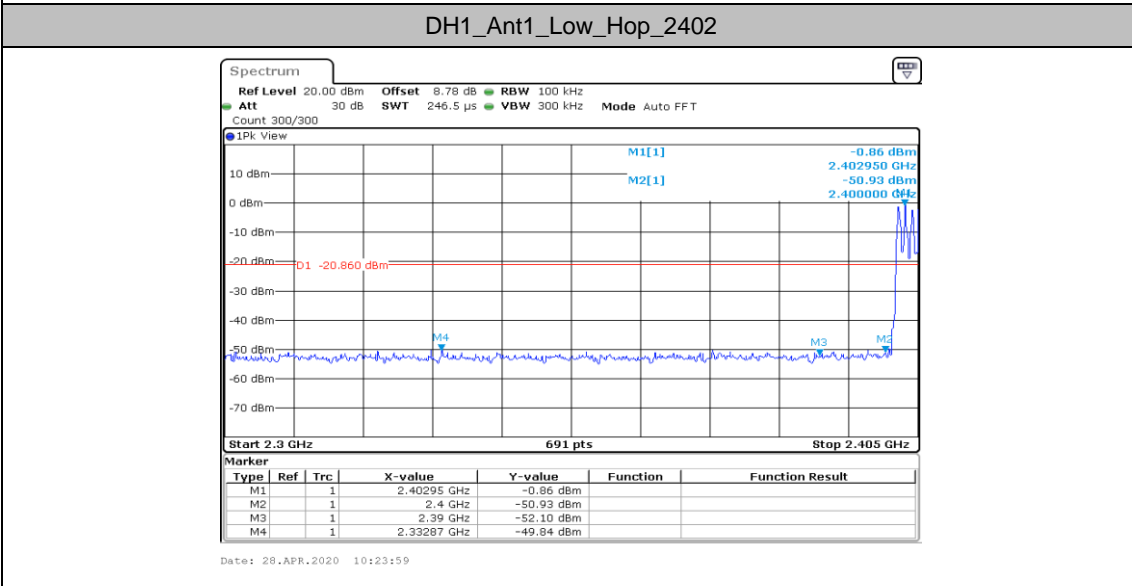
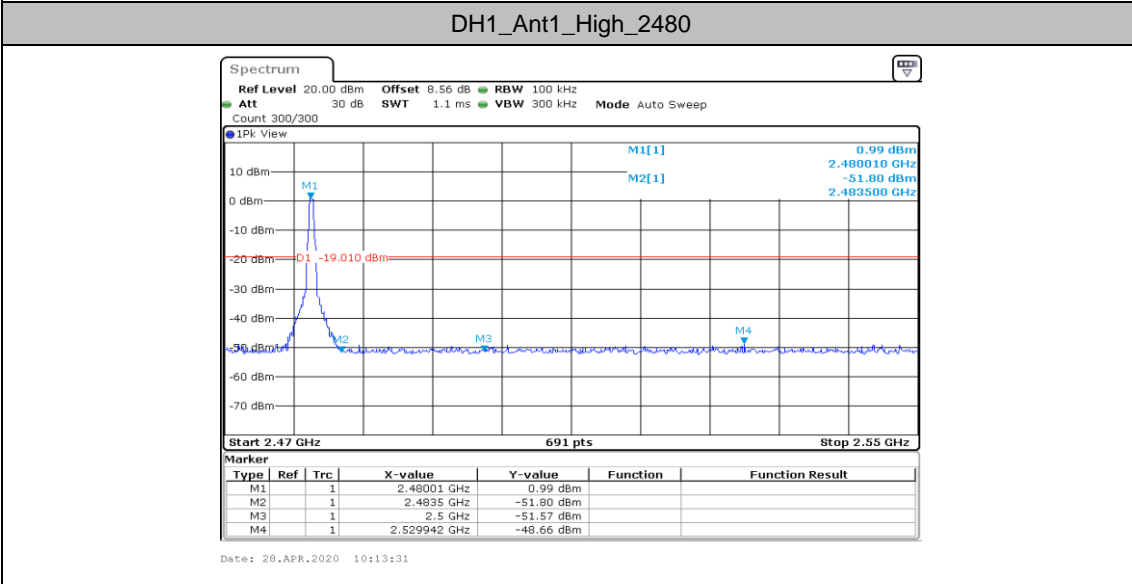
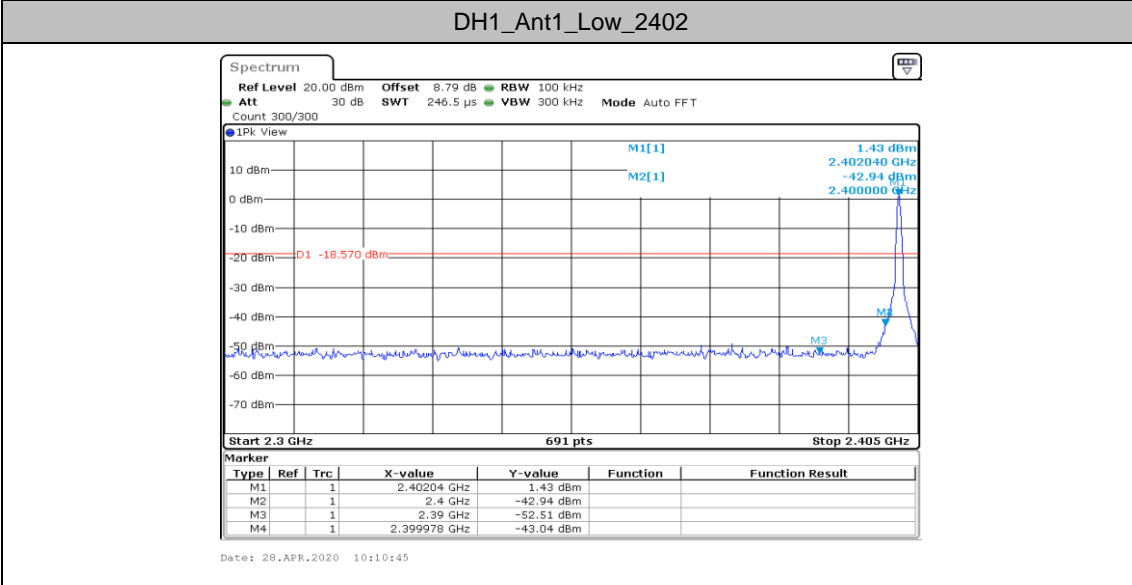
#### 3DH1\_Ant1\_Hop



Date: 28.APR.2020 10:36:29

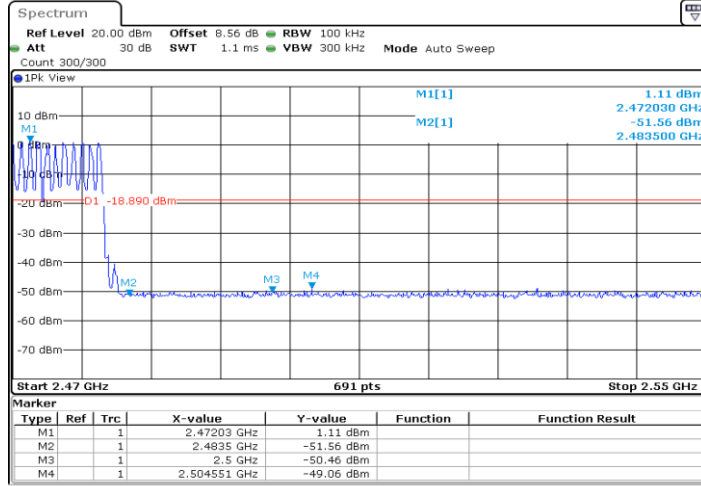
# Appendix G: Band edge measurements

## Test Graphs

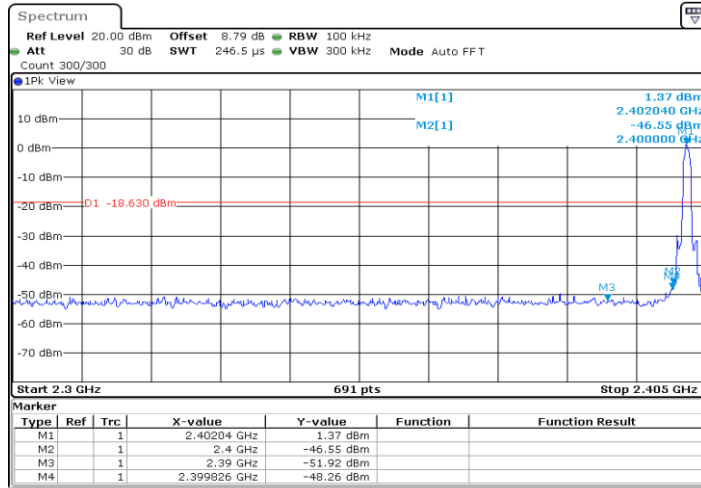




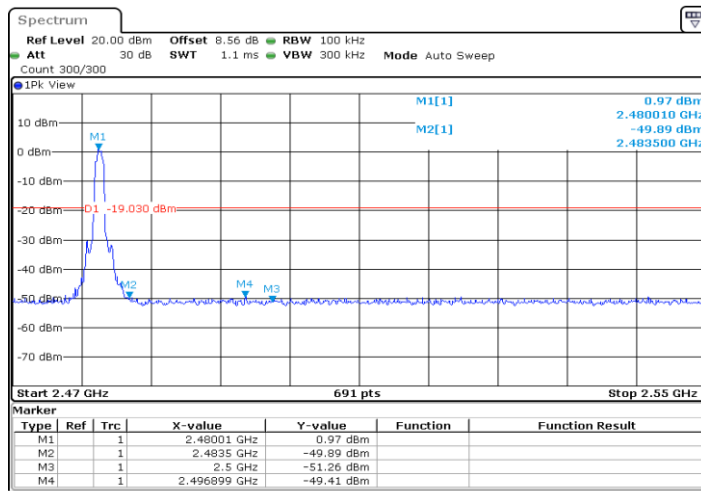
DH1\_Ant1\_High\_Hop\_2480



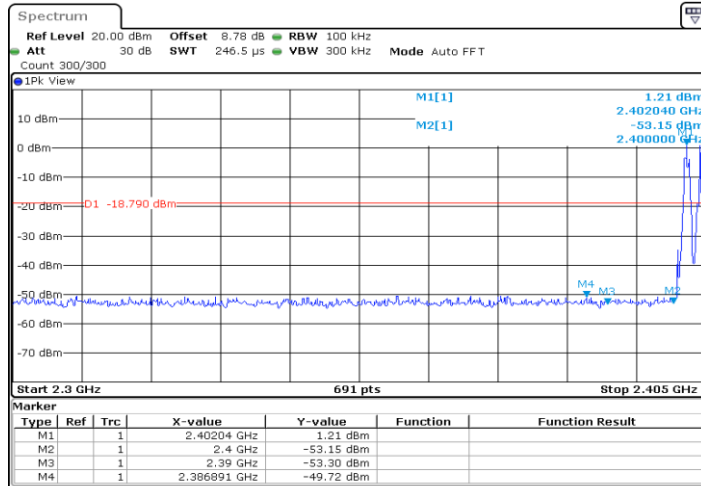
2DH1\_Ant1\_Low\_2402



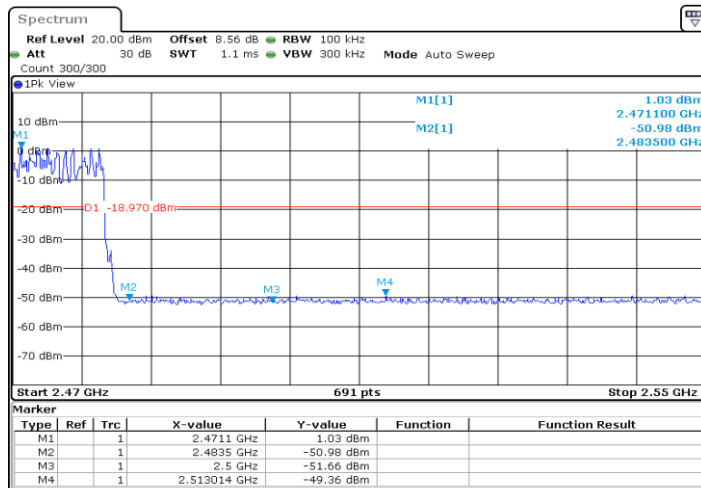
2DH1\_Ant1\_High\_2480



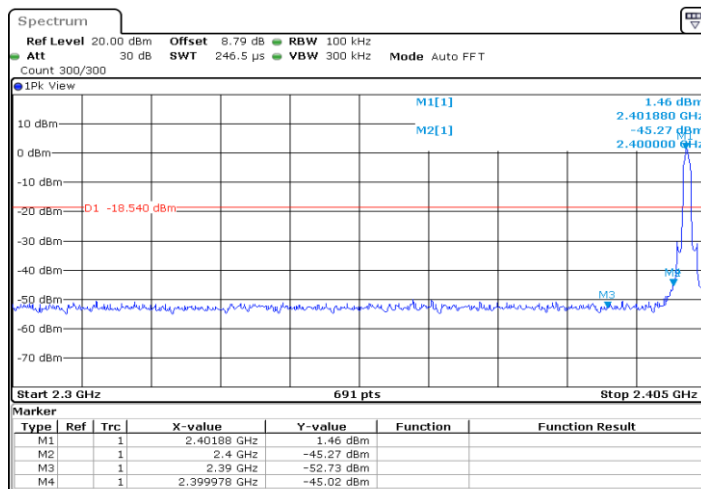
2DH1\_Ant1\_Low\_Hop\_2402



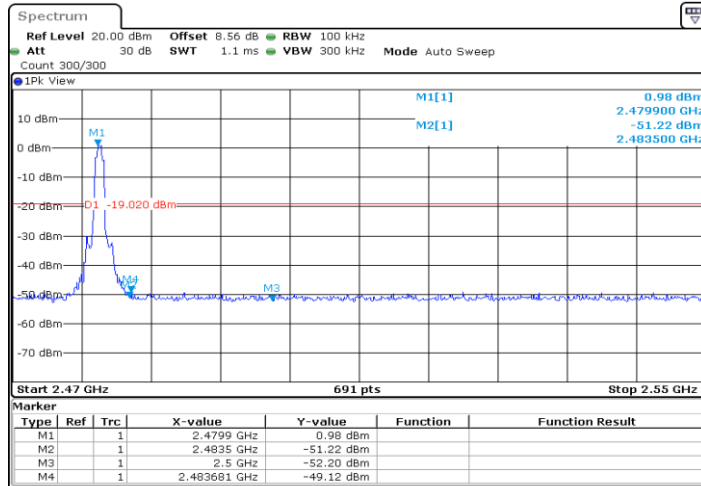
2DH1\_Ant1\_High\_Hop\_2480



3DH1\_Ant1\_Low\_2402

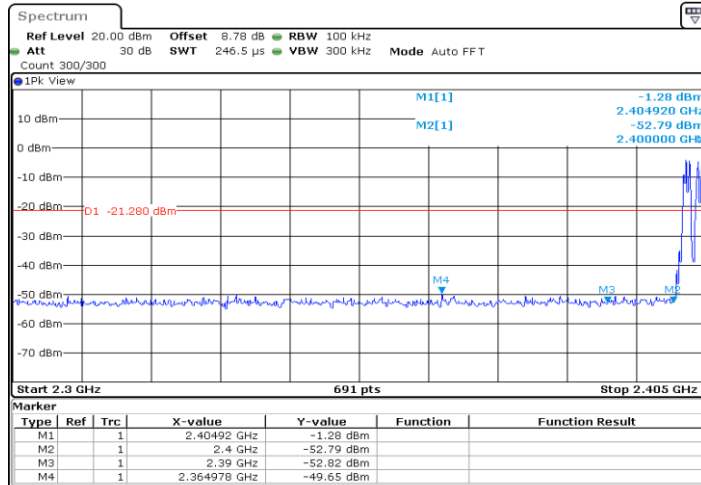


3DH1\_Ant1\_High\_2480



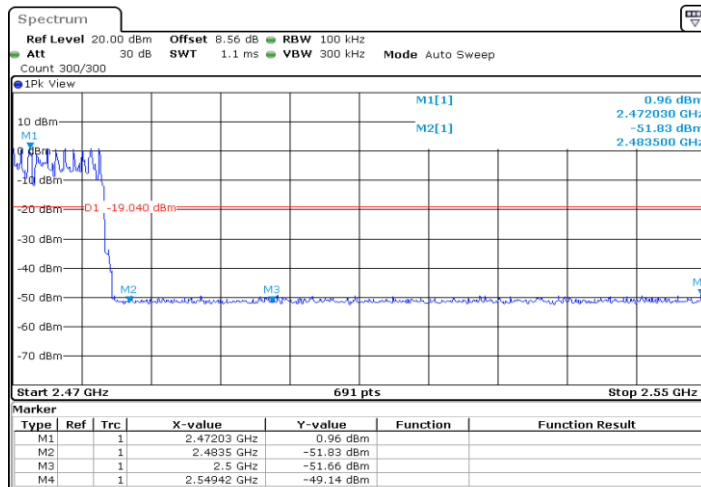
Date: 28.APR.2020 10:22:32

3DH1\_Ant1\_Low\_Hop\_2402



Date: 28.APR.2020 10:35:09

3DH1\_Ant1\_High\_Hop\_2480



Date: 28.APR.2020 10:36:59