

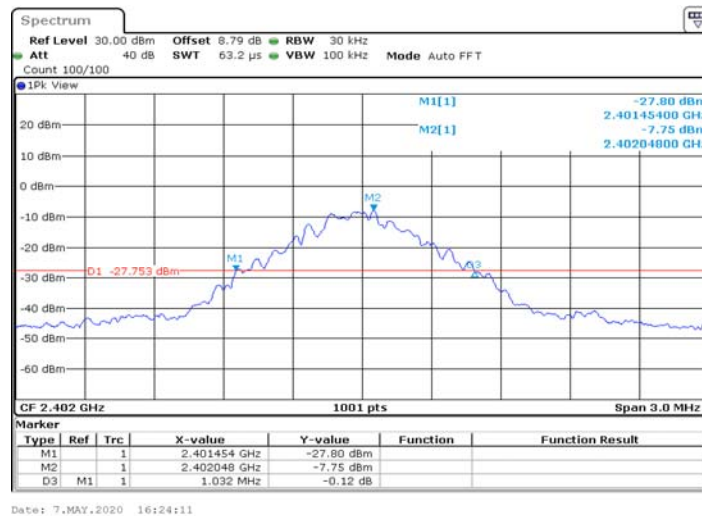
## Appendix A: 20dB Emission Bandwidth

### Test Result

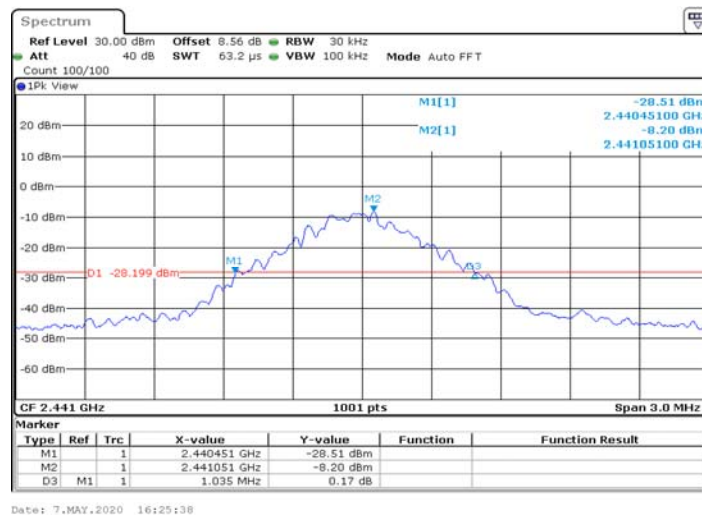
| TestMode | Antenna | Channel | 20db EBW[MHz] | Limit[MHz] | Verdict |
|----------|---------|---------|---------------|------------|---------|
| DH1      | Ant1    | 2402    | 1.032         | ---        | PASS    |
|          |         | 2441    | 1.035         | ---        | PASS    |
|          |         | 2480    | 1.035         | ---        | PASS    |
| 2DH1     | Ant1    | 2402    | 1.359         | ---        | PASS    |
|          |         | 2441    | 1.359         | ---        | PASS    |
|          |         | 2480    | 1.359         | ---        | PASS    |
| 3DH1     | Ant1    | 2402    | 1.353         | ---        | PASS    |
|          |         | 2441    | 1.353         | ---        | PASS    |
|          |         | 2480    | 1.353         | ---        | PASS    |

## Test Graphs

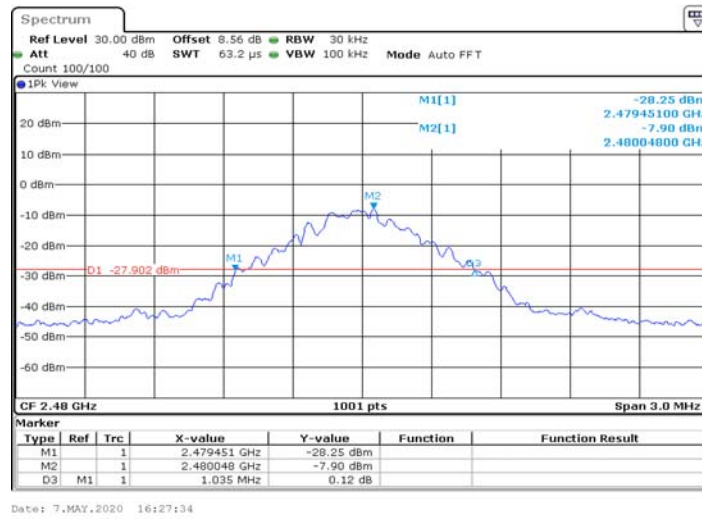
DH1\_Ant1\_2402



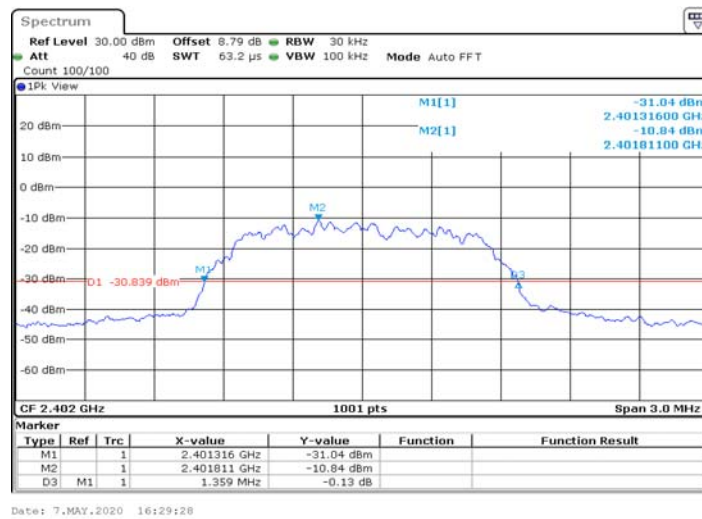
DH1\_Ant1\_2441



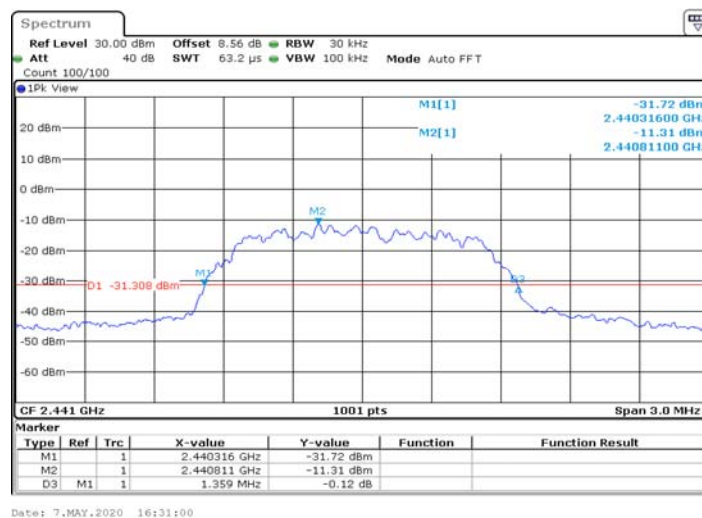
## DH1\_Ant1\_2480



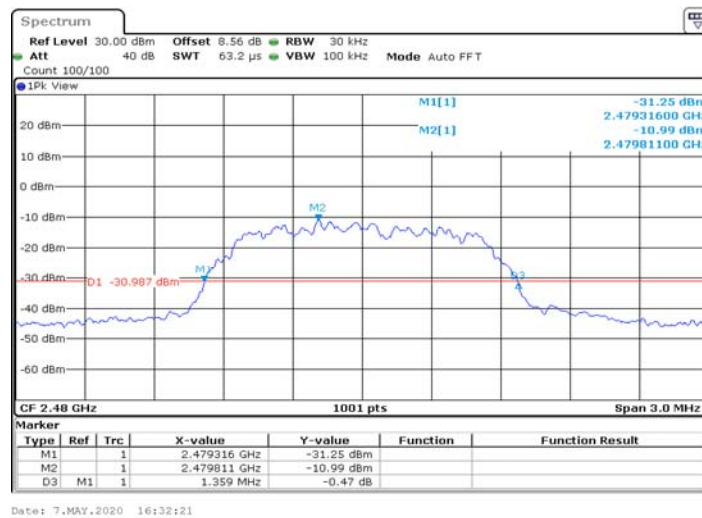
## 2DH1\_Ant1\_2402



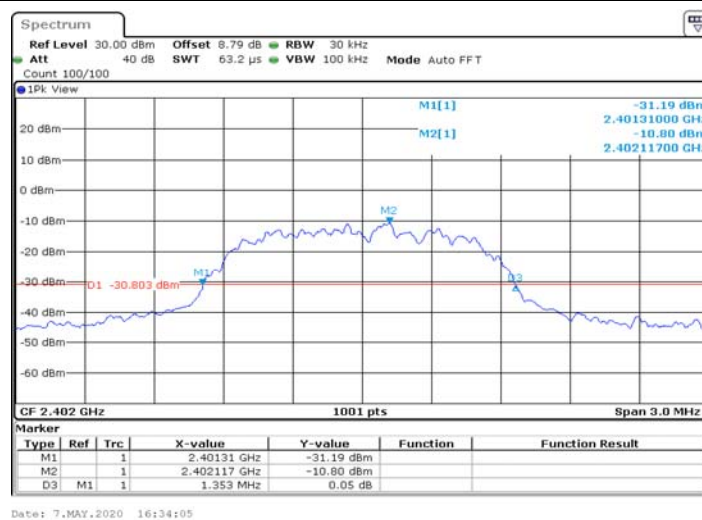
## 2DH1\_Ant1\_2441



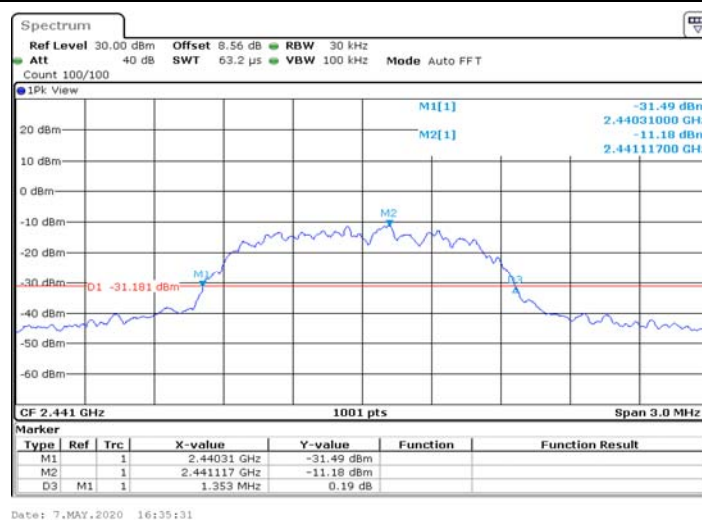
## 2DH1\_Ant1\_2480



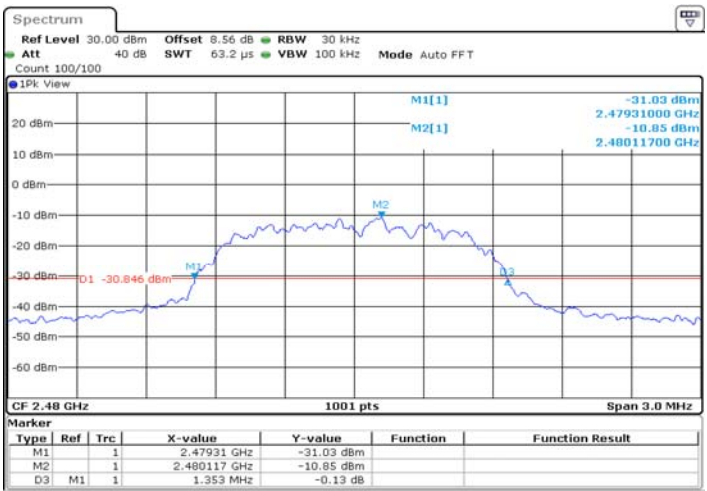
## 3DH1\_Ant1\_2402



## 3DH1\_Ant1\_2441



3DH1\_Ant1\_2480



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## Appendix C: Maximum conducted Peak output power

### Test Result

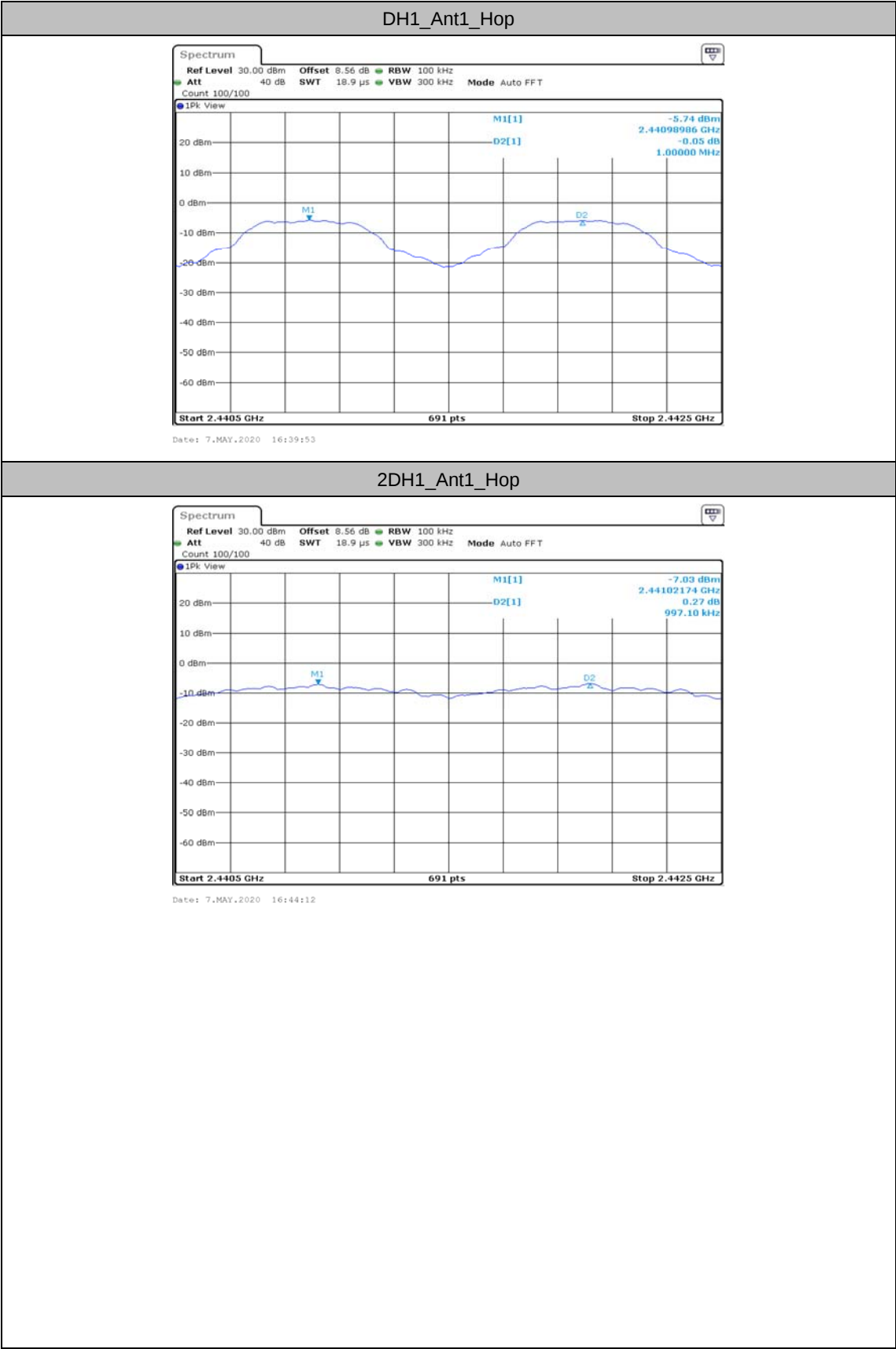
| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | 2402    | -4.14       | <=20.97    | PASS    |
|          |         | 2441    | -4.45       | <=20.97    | PASS    |
|          |         | 2480    | -4.05       | <=20.97    | PASS    |
| 2DH1     | Ant1    | 2402    | -2.10       | <=20.97    | PASS    |
|          |         | 2441    | -2.54       | <=20.97    | PASS    |
|          |         | 2480    | -2.15       | <=20.97    | PASS    |
| 3DH1     | Ant1    | 2402    | -1.78       | <=20.97    | PASS    |
|          |         | 2441    | -2.16       | <=20.97    | PASS    |
|          |         | 2480    | -2.03       | <=20.97    | PASS    |

## Appendix D: Carrier frequency separation

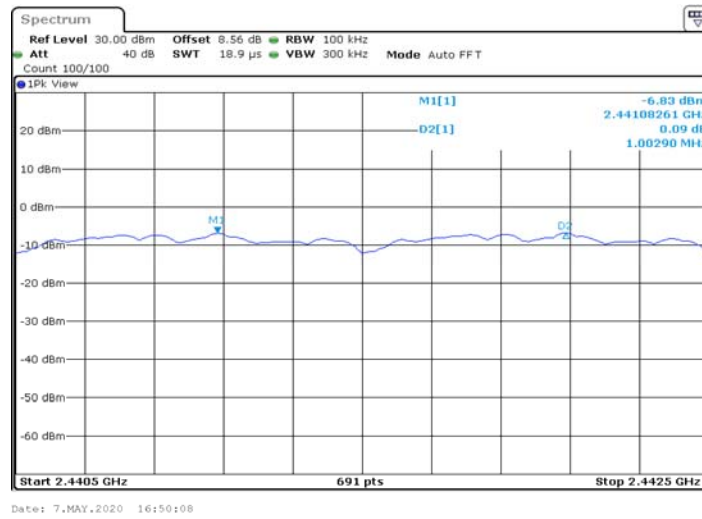
### Test Result

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH1      | Ant1    | Hop     | 1.000       | $\geq 0.688$ | PASS    |
| 2DH1     | Ant1    | Hop     | 0.997       | $\geq 0.906$ | PASS    |
| 3DH1     | Ant1    | Hop     | 1.003       | $\geq 0.902$ | PASS    |

Test Graphs



## 3DH1\_Ant1\_Hop



## Appendix E: Time of occupancy

### Test Result

| TestMode | Antenna | Channel | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s]   | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|------------|---------|
| DH1      | Ant1    | Hop     | 0.39               | 320                | 0.125     | $\leq 0.4$ | PASS    |
| DH3      | Ant1    | Hop     | 1.65               | 160                | 0.264     | $\leq 0.4$ | PASS    |
| DH5      | Ant1    | Hop     | 2.90               | 110                | 0.319     | $\leq 0.4$ | PASS    |
| 2DH1     | Ant1    | Hop     | 0.37               | 320                | 0.119     | $\leq 0.4$ | PASS    |
| 2DH3     | Ant1    | Hop     | 1.64               | 160                | 0.262     | $\leq 0.4$ | PASS    |
| 2DH5     | Ant1    | Hop     | 2.90               | 110                | 0.319     | $\leq 0.4$ | PASS    |
| 3DH1     | Ant1    | Hop     | 0.39               | 320                | 0.125     | $\leq 0.4$ | PASS    |
| 3DH3     | Ant1    | Hop     | 1.65               | 160                | 0.264     | $\leq 0.4$ | PASS    |
| 3DH5     | Ant1    | Hop     | 2.92               | 110                | 0.322     | $\leq 0.4$ | PASS    |

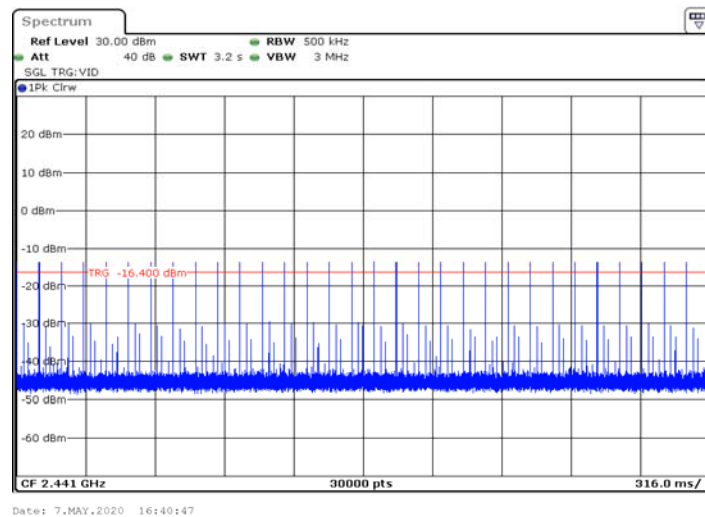
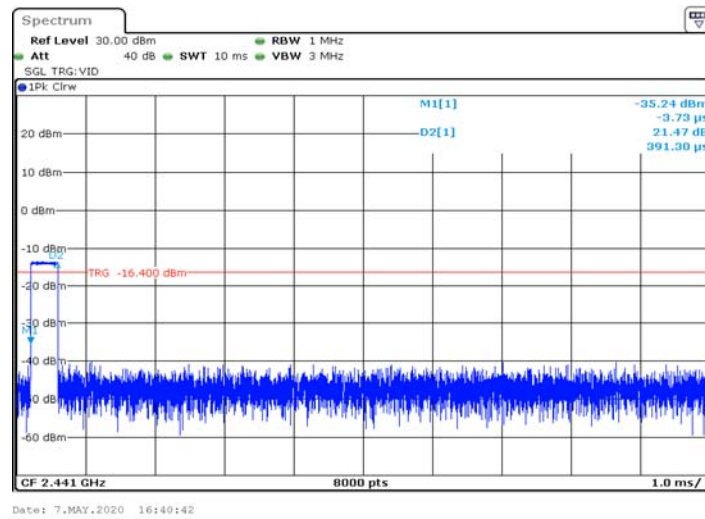
Note 1: A period time= $0.4 \times 79 = 31.6$ (S), Result=BurstWidth\*Totalhops

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

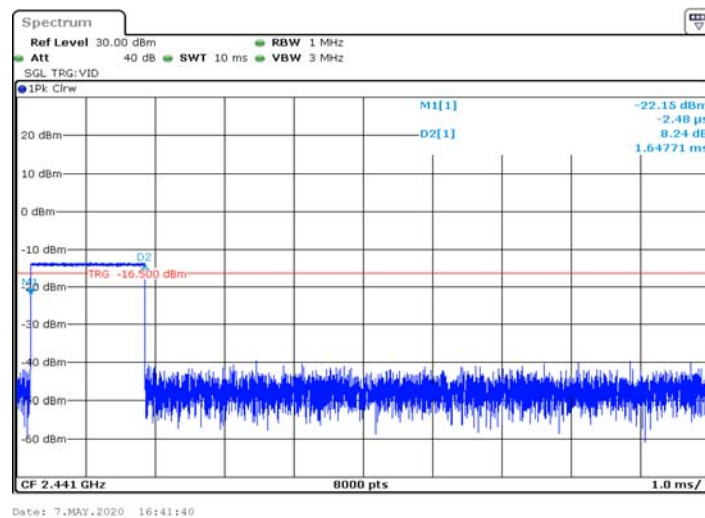
Note 3: Hopping Number in 3.16s=Total of highest signals in 3.16s (Second high signals were other channel)

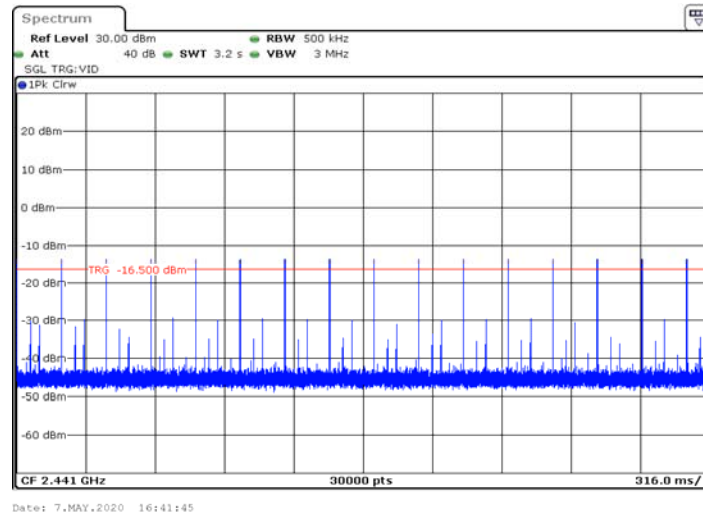
## Test Graphs

DH1\_Ant1\_Hop



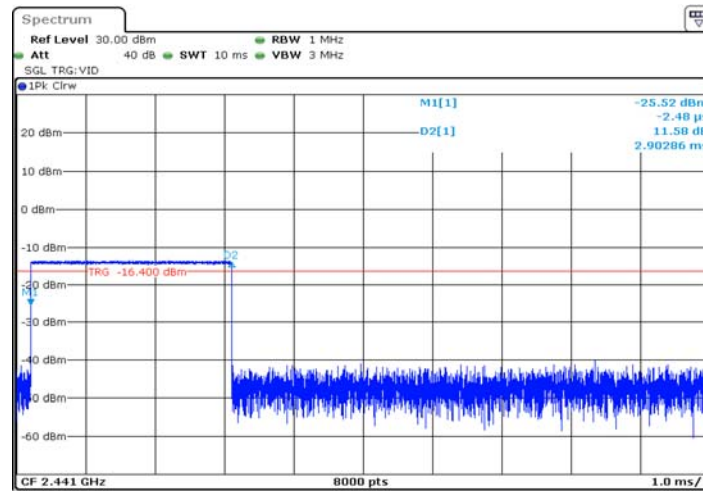
DH3\_Ant1\_Hop



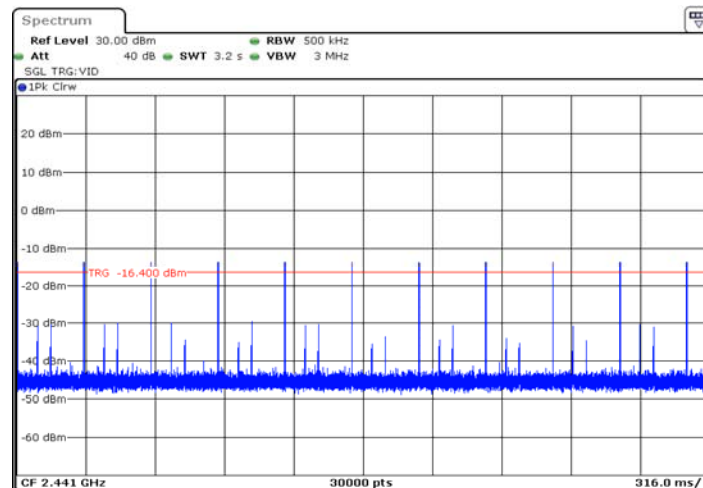


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## DH5\_Ant1\_Hop

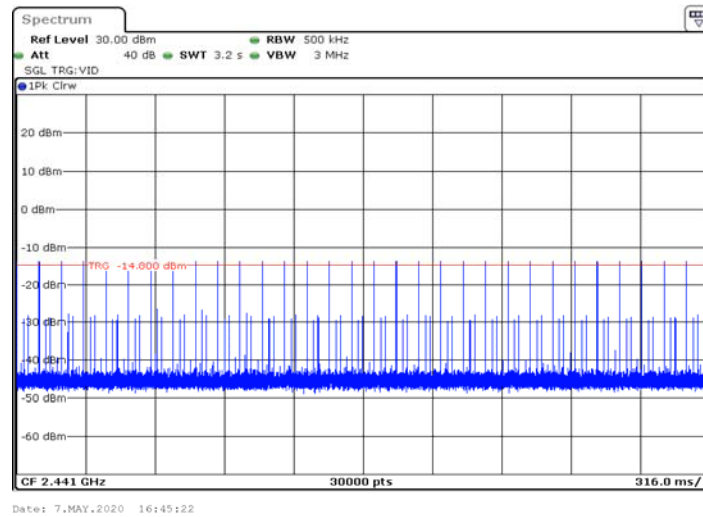
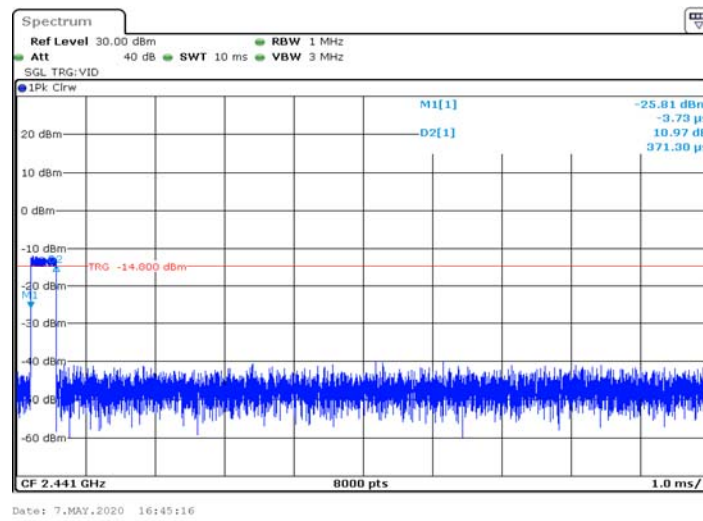


Date: 7.MAY.2020 16:42:22

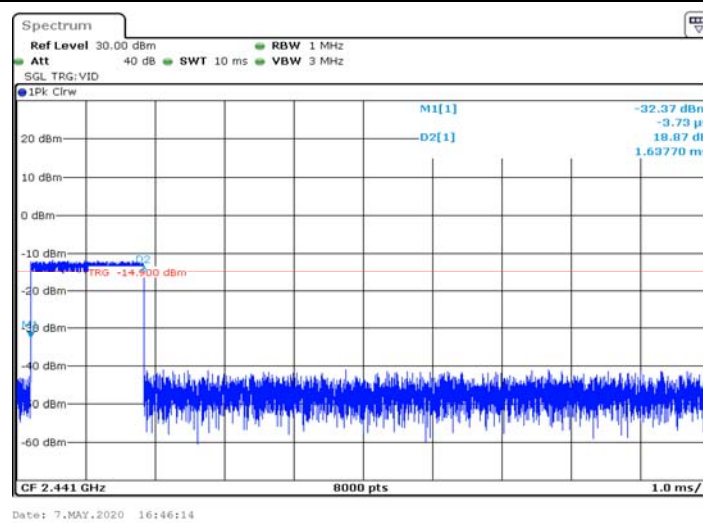


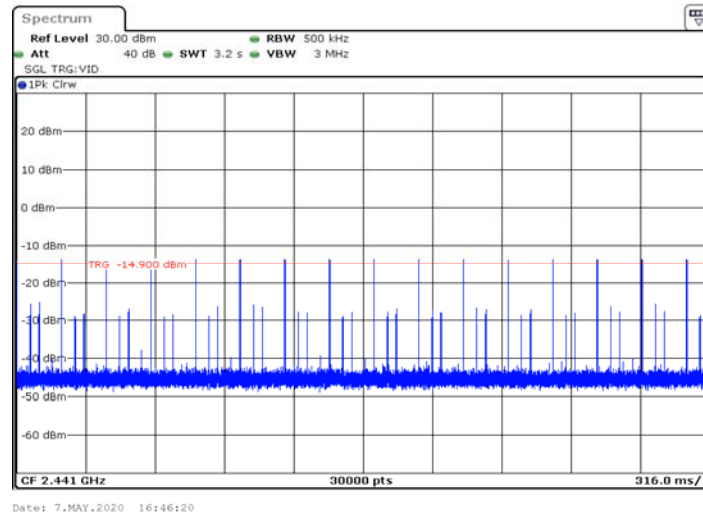
Date: 7.MAY.2020 16:42:28

## 2DH1\_Ant1\_Hop

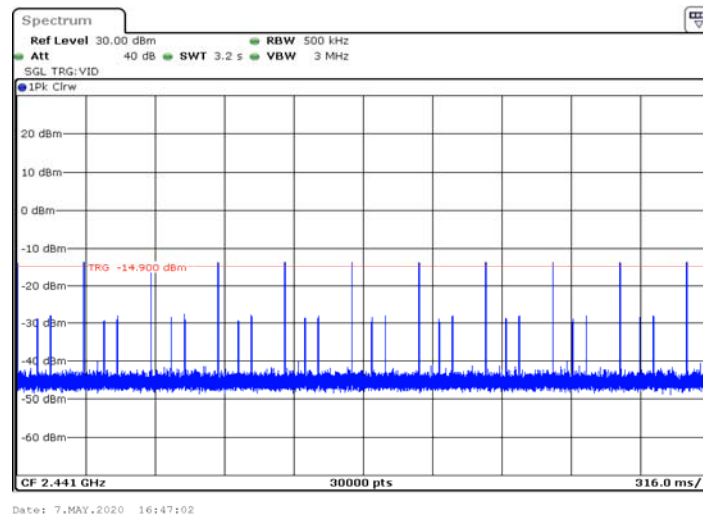
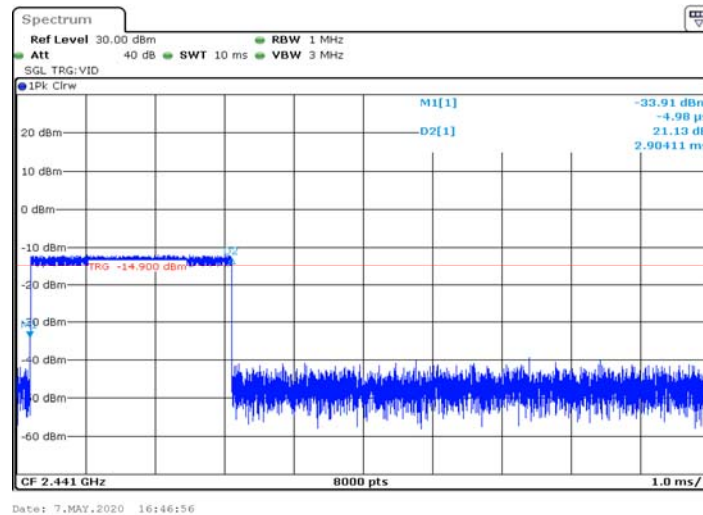


## 2DH3\_Ant1\_Hop

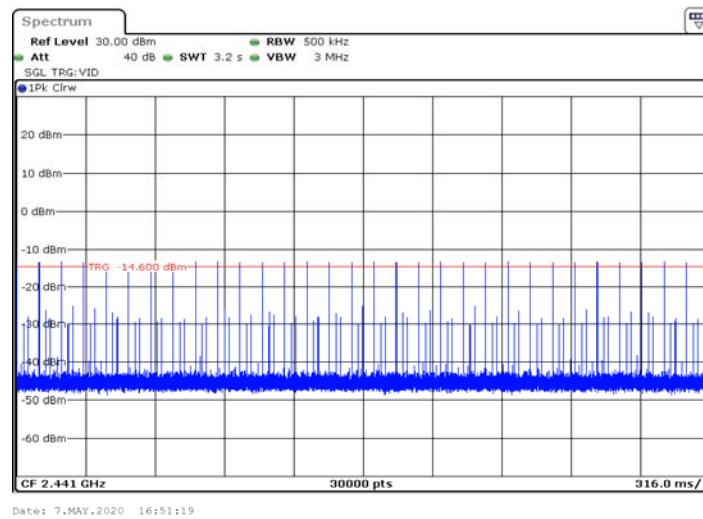
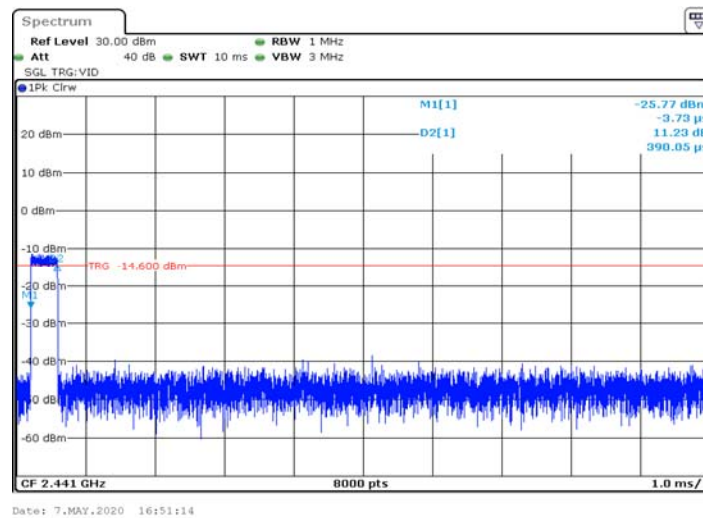




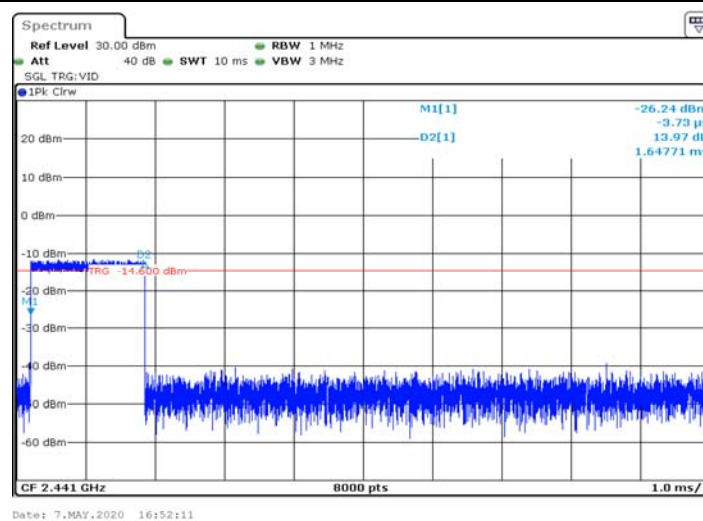
## 2DH5\_Ant1\_Hop

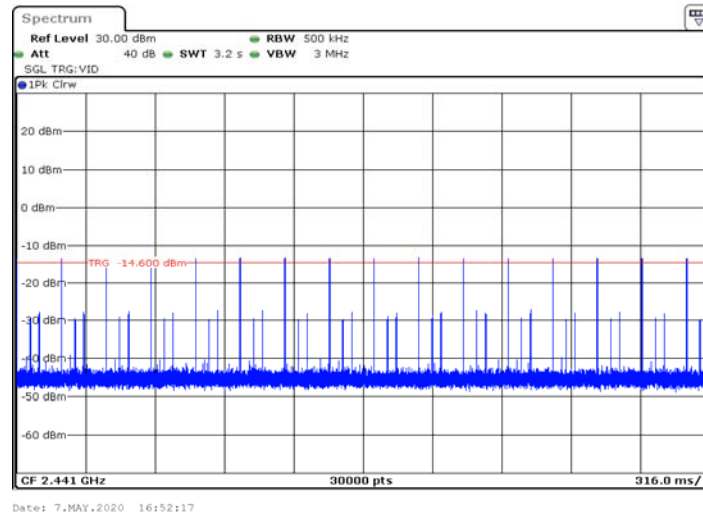


## 3DH1\_Ant1\_Hop

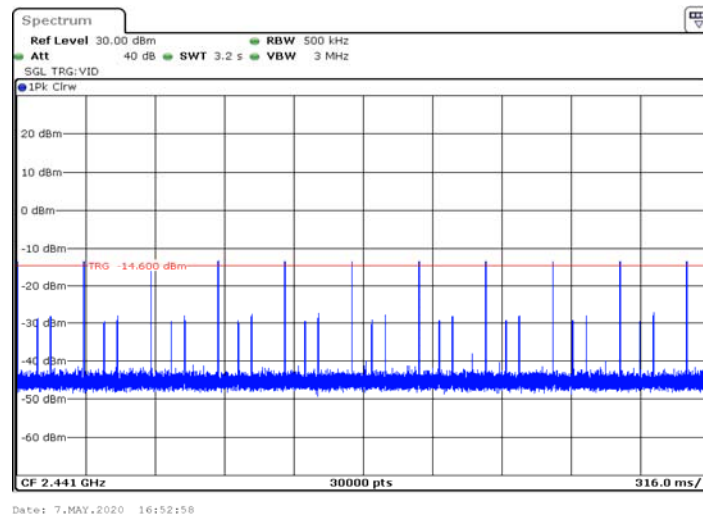
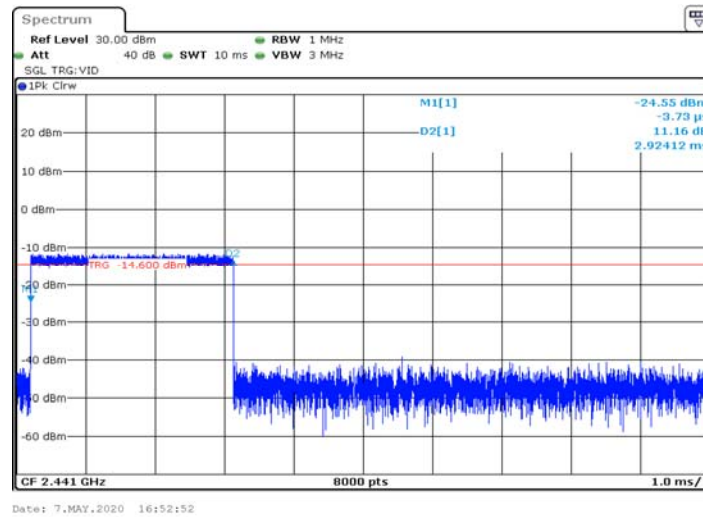


## 3DH3\_Ant1\_Hop





## 3DH5\_Ant1\_Hop



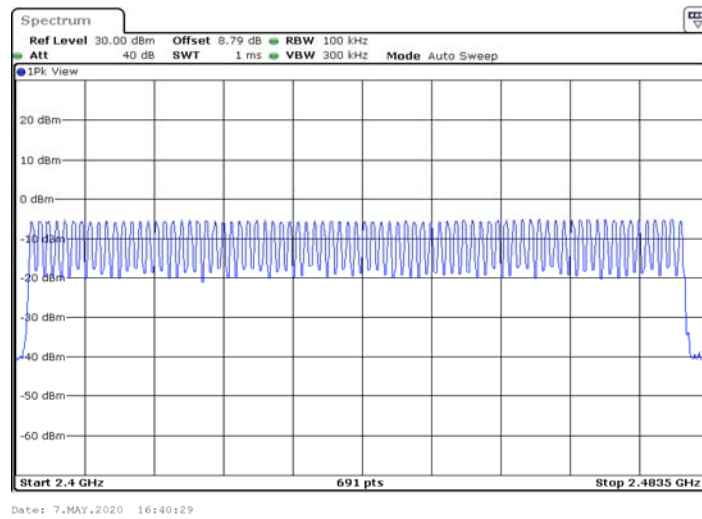
## Appendix F: Number of hopping channels

### Test Result

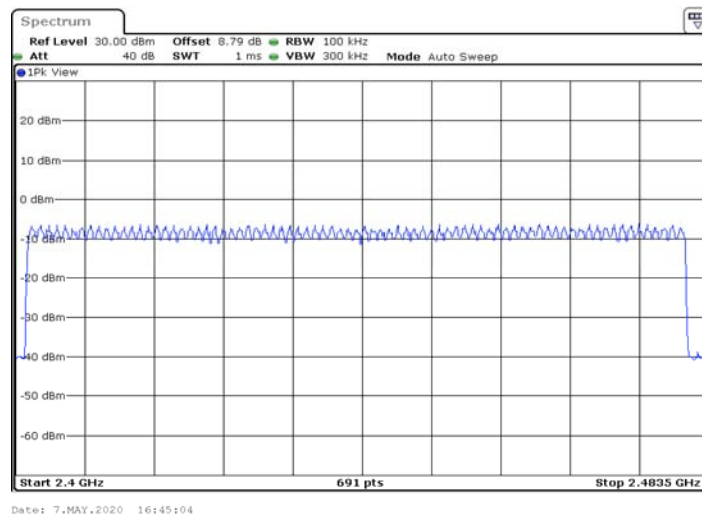
| TestMode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |
| 2DH1     | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |
| 3DH1     | Ant1   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

## Test Graphs

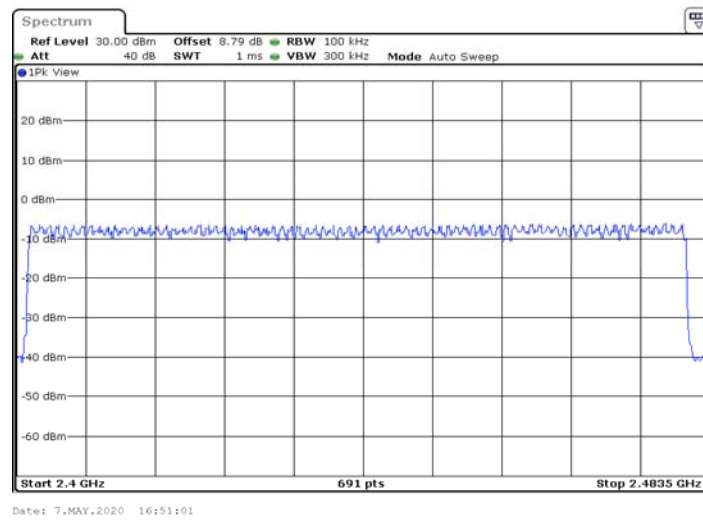
DH1\_Ant1\_Hop



2DH1\_Ant1\_Hop

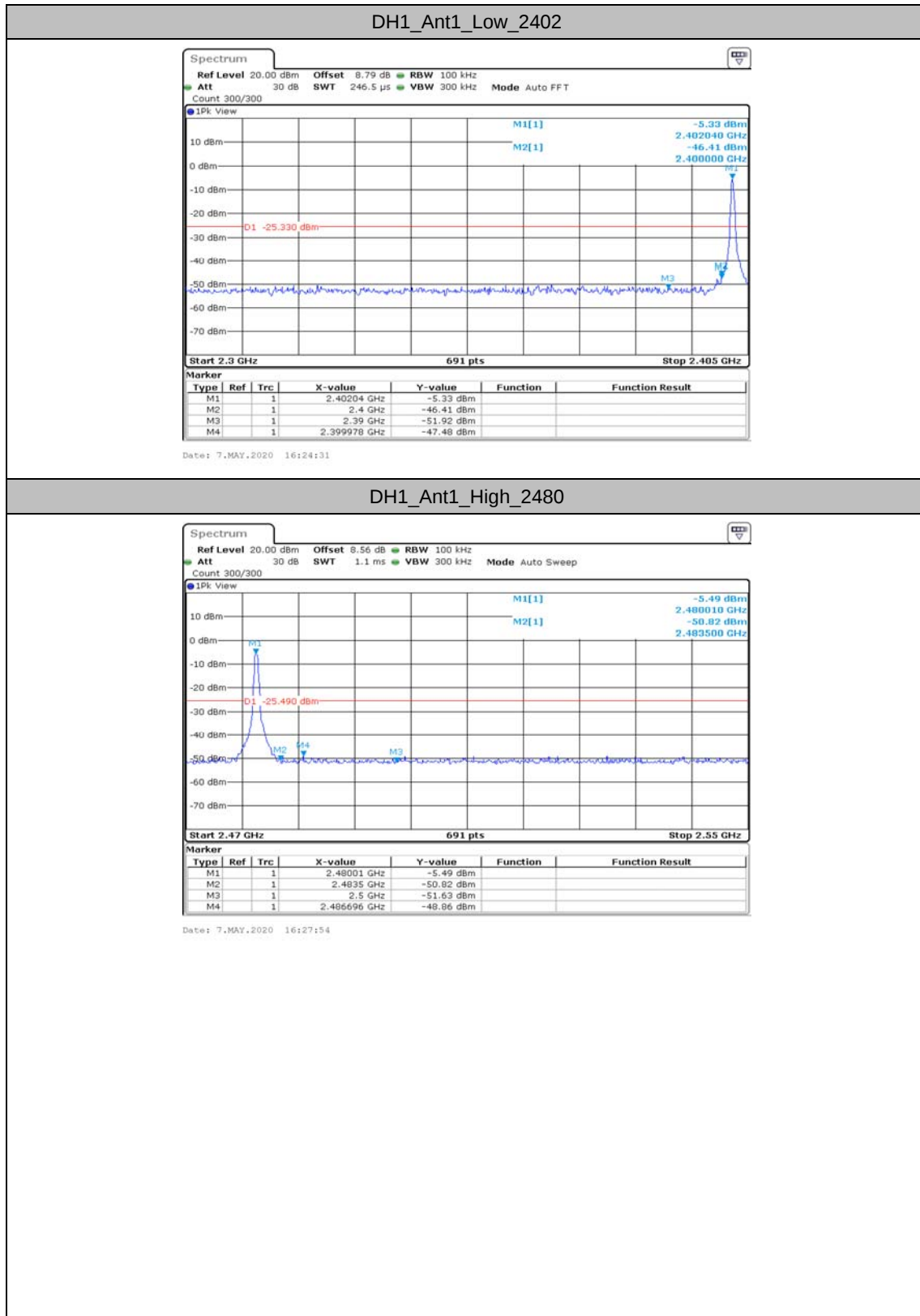


## 3DH1\_Ant1\_Hop

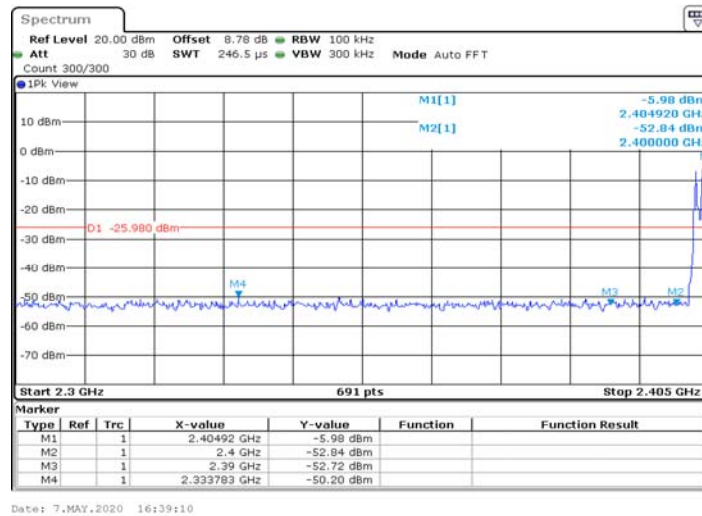


## Appendix G: Band edge measurements

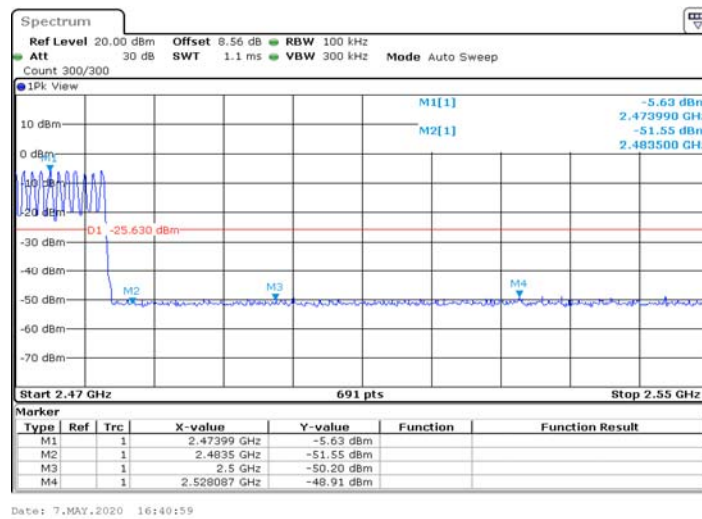
### Test Graphs



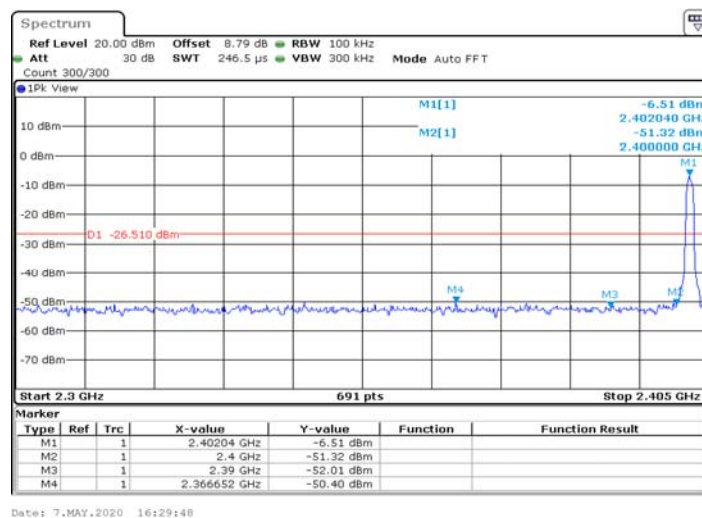
## DH1\_Ant1\_Low\_Hop\_2402



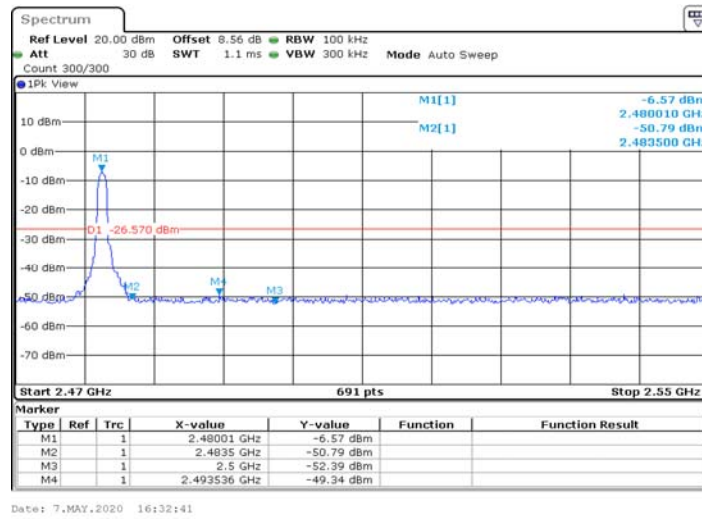
## DH1\_Ant1\_High\_Hop\_2480



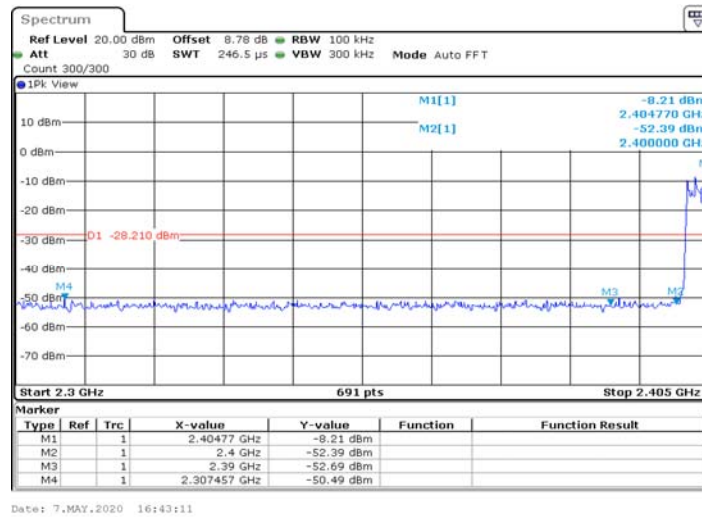
## 2DH1\_Ant1\_Low\_2402



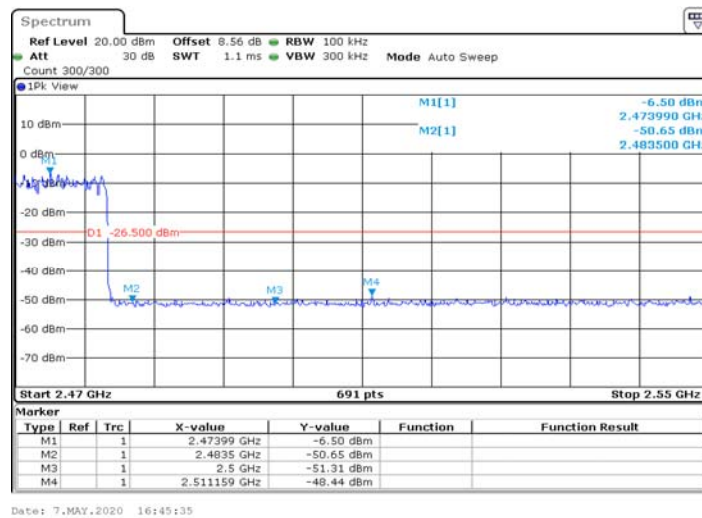
## 2DH1\_Ant1\_High\_2480



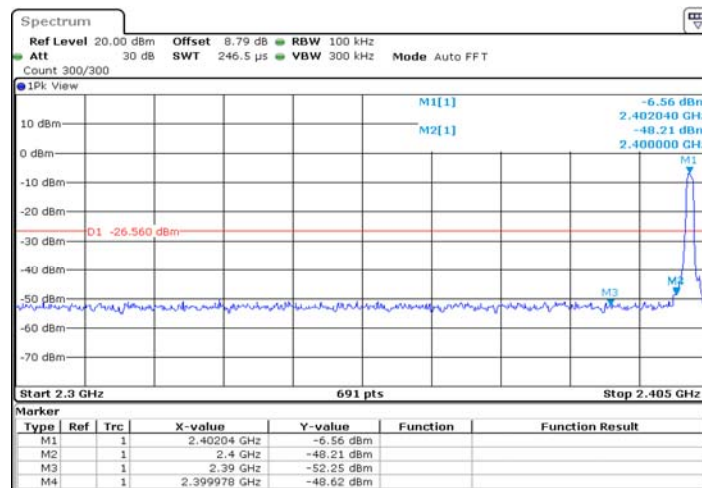
## 2DH1\_Ant1\_Low\_Hop\_2402



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

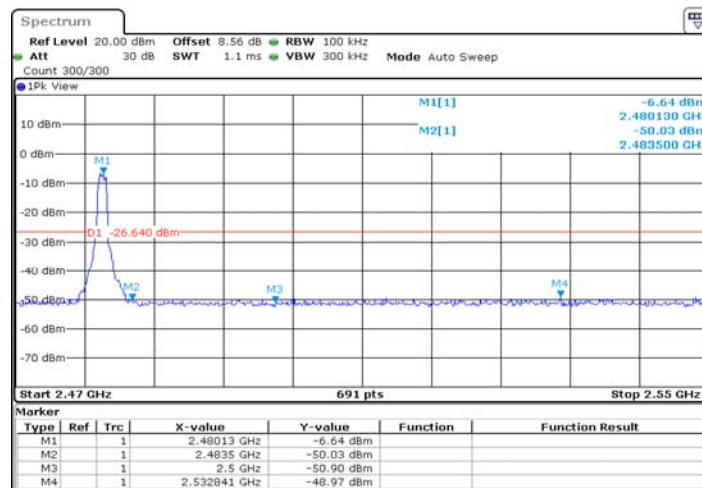


## 3DH1\_Ant1\_Low\_2402



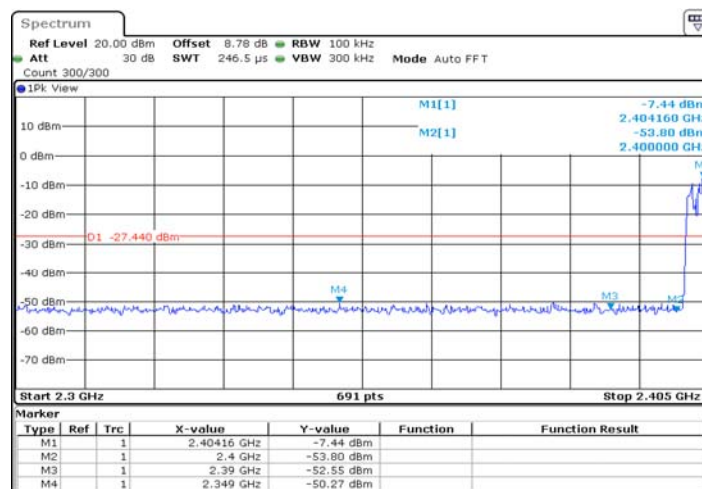
Date: 7.MAY.2020 16:34:25

## 3DH1\_Ant1\_High\_2480



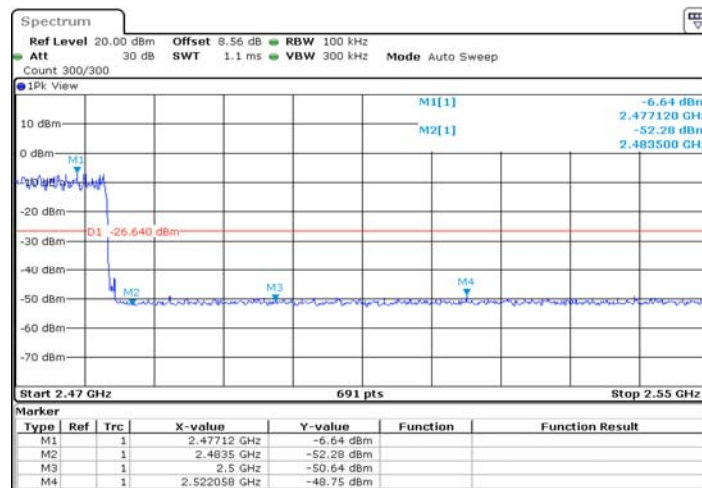
Date: 7.MAY.2020 16:37:11

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



Date: 7.MAY.2020 16:47:59

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



Date: 7.MAY.2020 16:51:33