

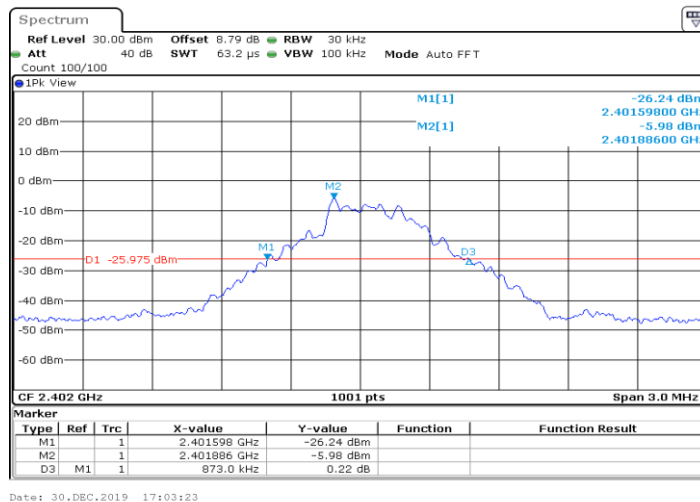
## Appendix A: 20dB Emission Bandwidth

### Test Result

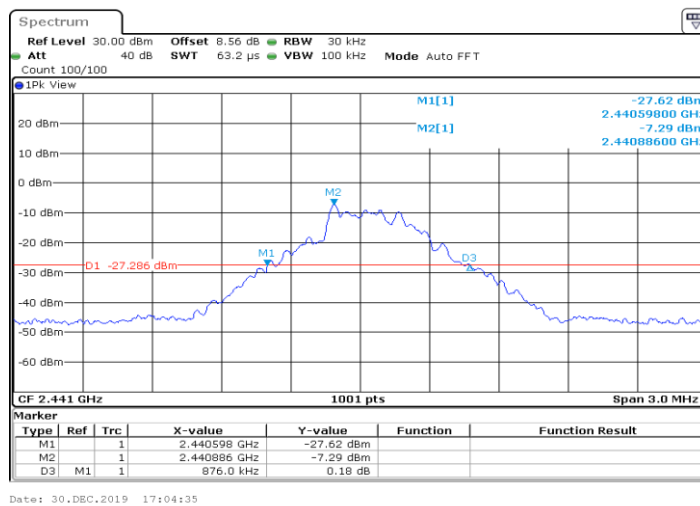
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.873	2401.598	2402.471	---	PASS
		2441	0.876	2440.598	2441.474	---	PASS
		2480	0.879	2479.598	2480.477	---	PASS
2DH1	Ant1	2402	1.257	2401.412	2402.669	---	PASS
		2441	1.260	2440.412	2441.672	---	PASS
		2480	1.263	2479.412	2480.675	---	PASS
3DH1	Ant1	2402	1.221	2401.445	2402.666	---	PASS
		2441	1.245	2440.424	2441.669	---	PASS
		2480	1.245	2479.424	2480.669	---	PASS

# Test Graphs

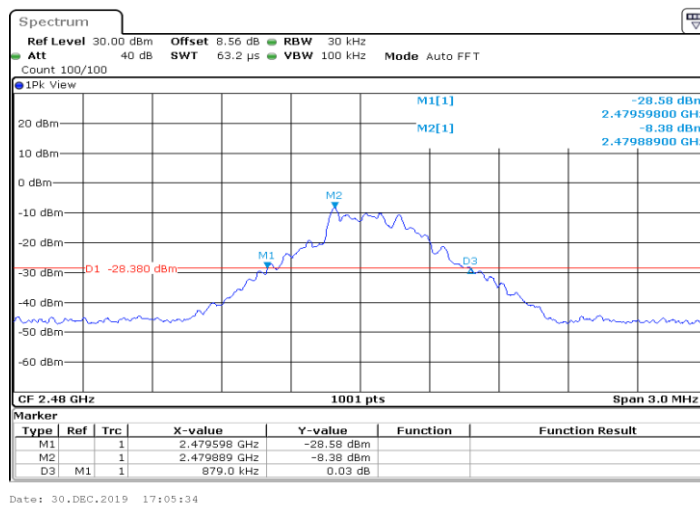
## DH1\_Ant1\_2402



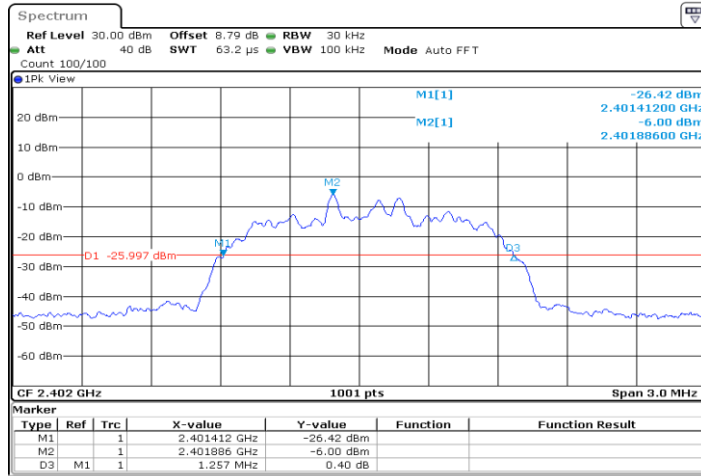
## DH1\_Ant1\_2441



## DH1\_Ant1\_2480

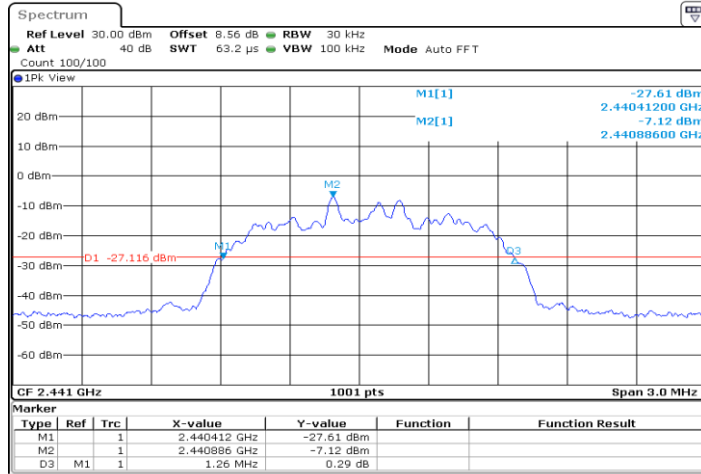


### 2DH1\_Ant1\_2402



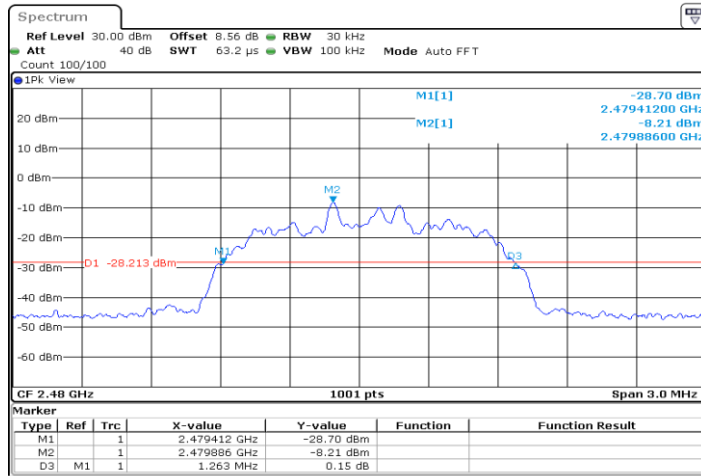
Date: 30.DEC.2019 17:06:44

### 2DH1\_Ant1\_2441



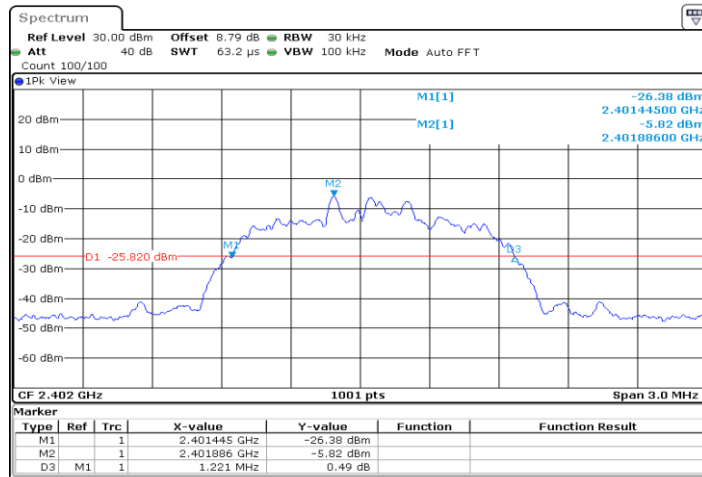
Date: 30.DEC.2019 17:09:43

### 2DH1\_Ant1\_2480

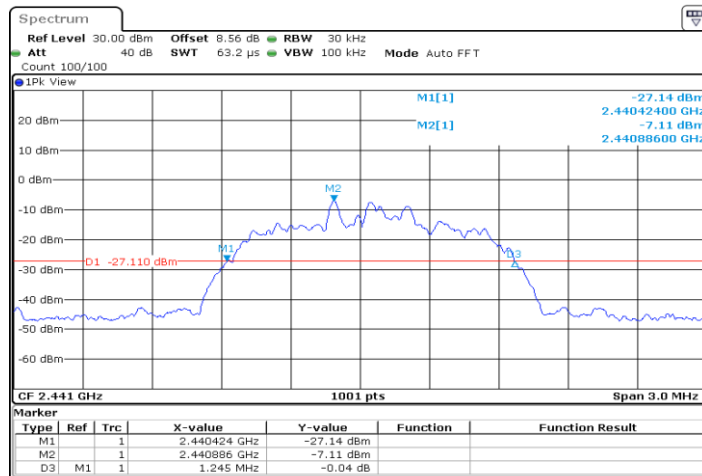


Date: 30.DEC.2019 17:11:30

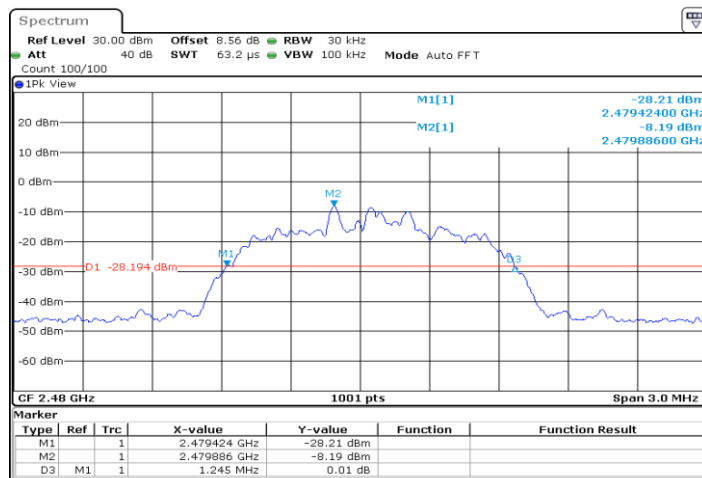
### 3DH1\_Ant1\_2402



### 3DH1\_Ant1\_2441



### 3DH1\_Ant1\_2480



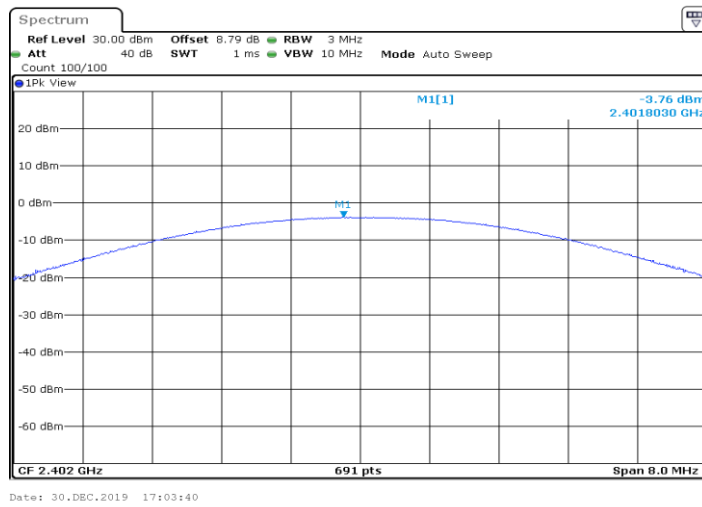
## Appendix B: Maximum conducted output power

### Test Result

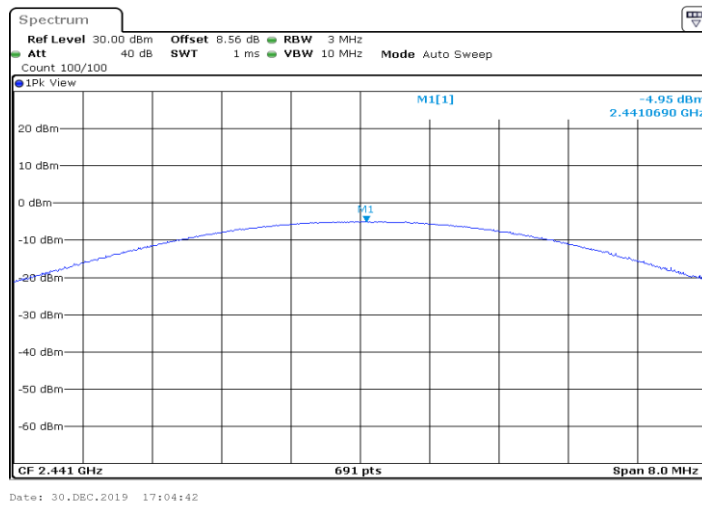
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-3.76	<=20.97	PASS
		2441	-4.95	<=20.97	PASS
		2480	-5.88	<=20.97	PASS
2DH1	Ant1	2402	-1.79	<=20.97	PASS
		2441	-3.01	<=20.97	PASS
		2480	-3.93	<=20.97	PASS
3DH1	Ant1	2402	-1.05	<=20.97	PASS
		2441	-2.3	<=20.97	PASS
		2480	-3.27	<=20.97	PASS

# Test Graphs

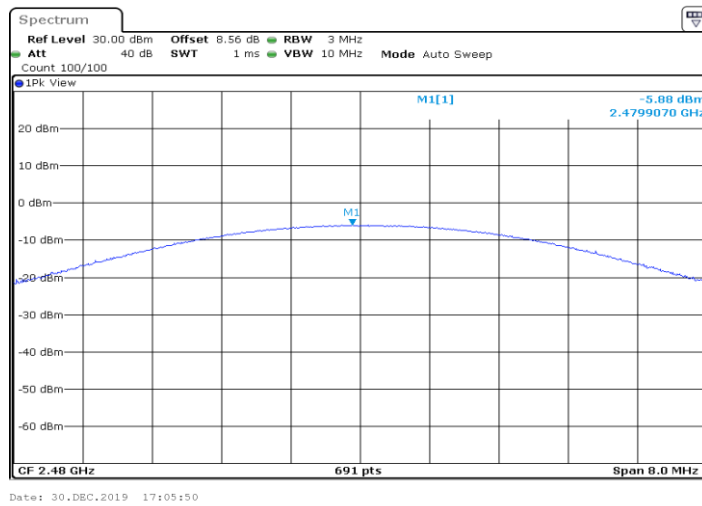
## DH1\_Ant1\_2402



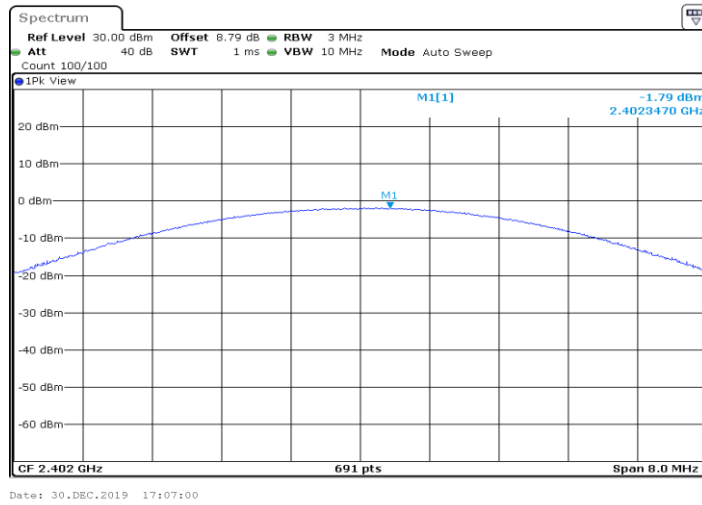
## DH1\_Ant1\_2441



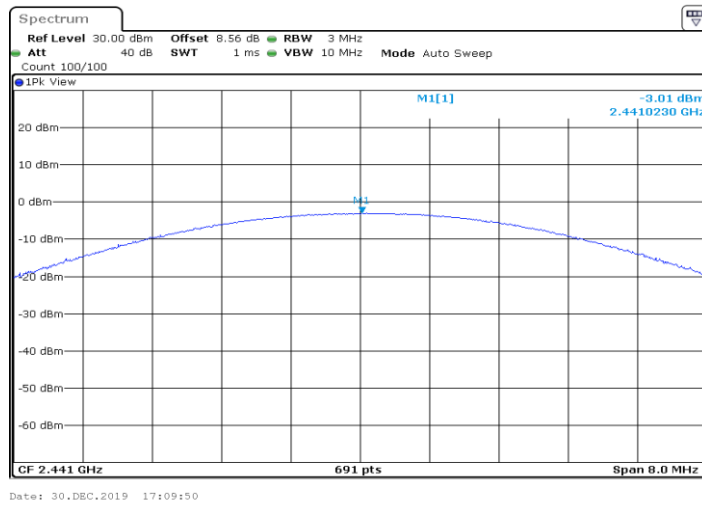
## DH1\_Ant1\_2480



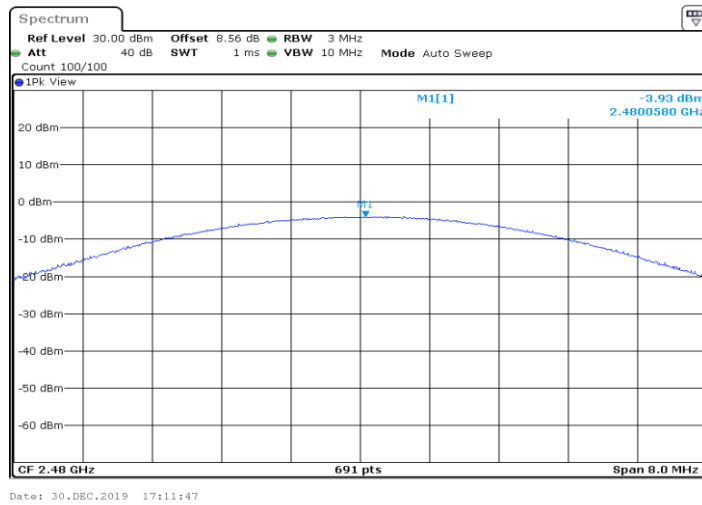
### 2DH1\_Ant1\_2402



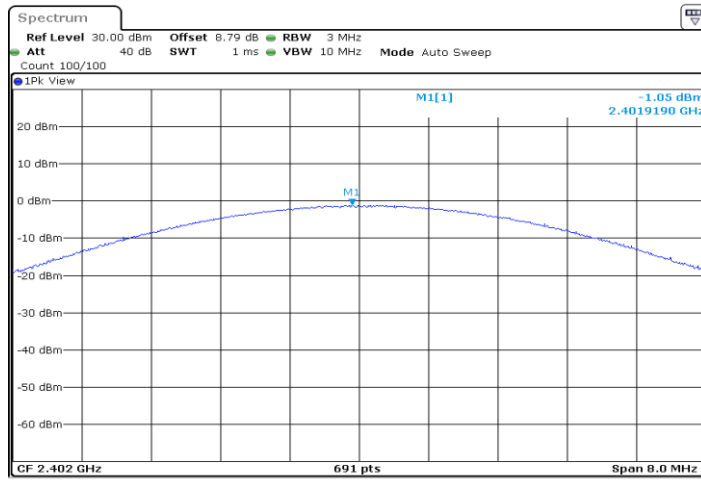
### 2DH1\_Ant1\_2441



### 2DH1\_Ant1\_2480

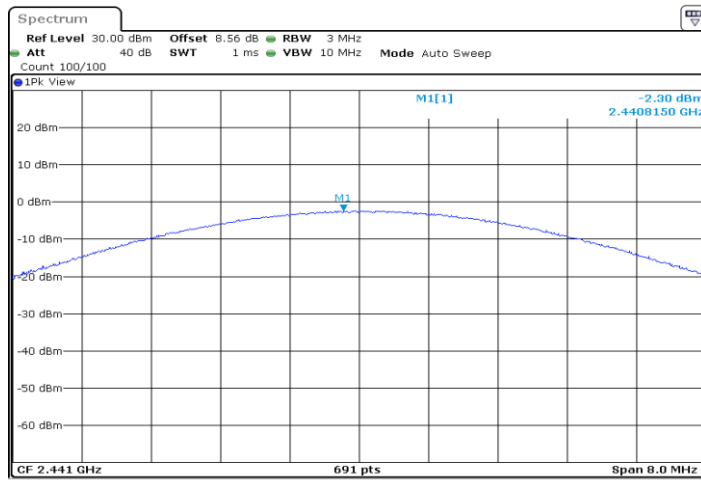


### 3DH1\_Ant1\_2402



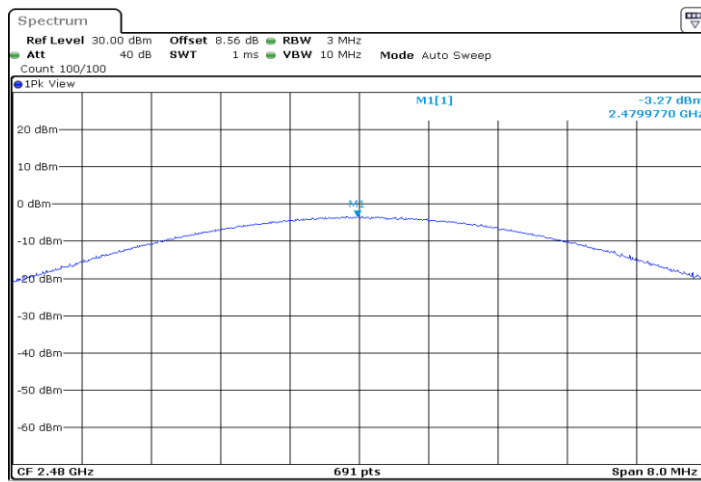
Date: 30.DEC.2019 17:13:07

### 3DH1\_Ant1\_2441



Date: 30.DEC.2019 17:14:05

### 3DH1\_Ant1\_2480



Date: 30.DEC.2019 17:15:17



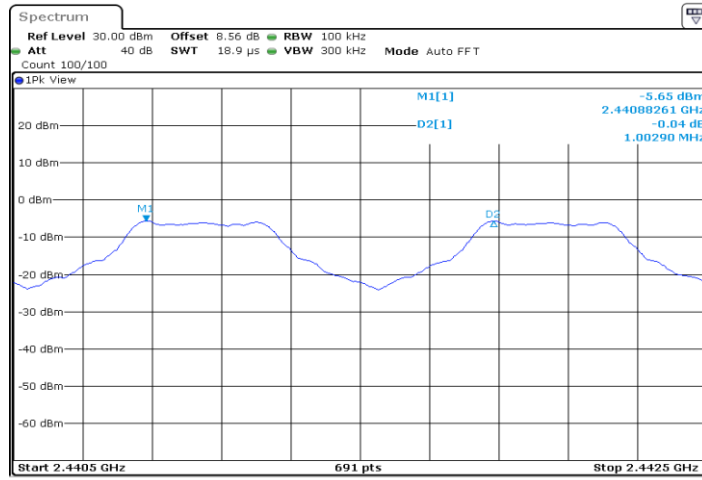
## Appendix C: Carrier frequency separation

### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.003	$\geq 0.584$	PASS
2DH1	Ant1	Hop	1.003	$\geq 0.840$	PASS
3DH1	Ant1	Hop	1	$\geq 0.830$	PASS

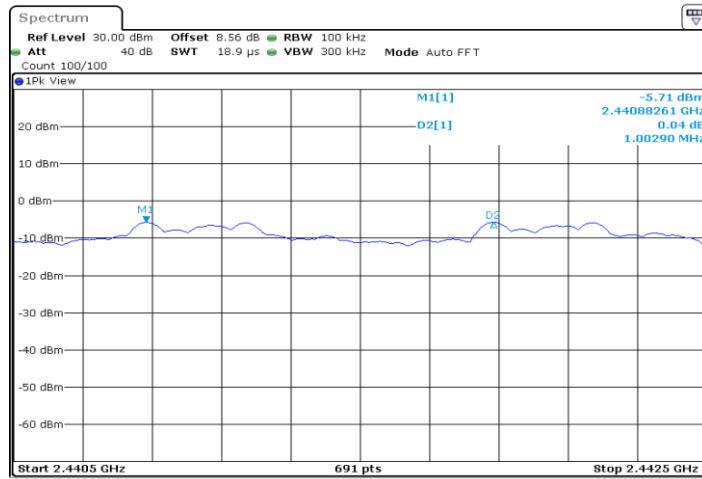
# Test Graphs

## DH1\_Ant1\_Hop



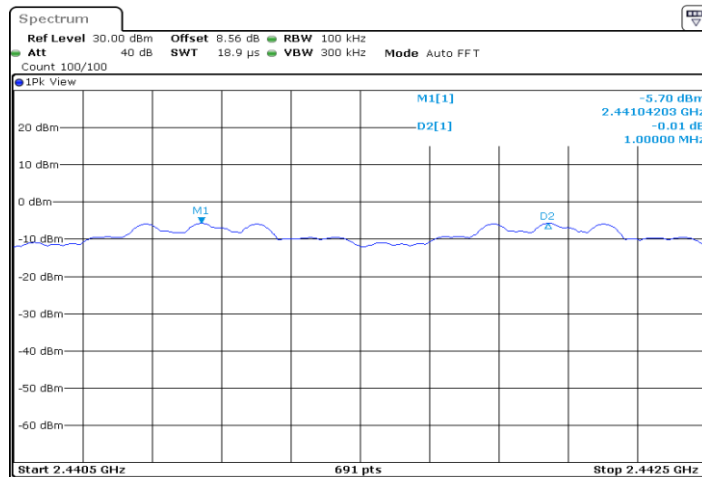
Date: 30.DEC.2019 17:18:21

## 2DH1\_Ant1\_Hop



Date: 30.DEC.2019 17:22:15

## 3DH1\_Ant1\_Hop



Date: 30.DEC.2019 17:27:57

## Appendix D: Time of occupancy

### Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	320	0.126	<=0.4	PASS
DH3	Ant1	Hop	1.64	170	0.279	<=0.4	PASS
DH5	Ant1	Hop	2.88	120	0.346	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	<=0.4	PASS
2DH3	Ant1	Hop	1.65	150	0.247	<=0.4	PASS
2DH5	Ant1	Hop	2.89	120	0.347	<=0.4	PASS
3DH1	Ant1	Hop	0.41	320	0.13	<=0.4	PASS
3DH3	Ant1	Hop	1.65	160	0.264	<=0.4	PASS
3DH5	Ant1	Hop	2.89	120	0.347	<=0.4	PASS

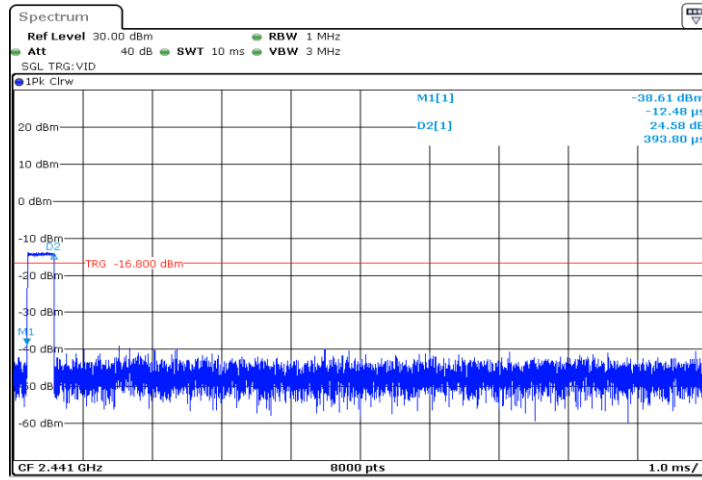
Note 1: A period time= $0.4 \times 79 = 31.6(S)$ , Total of Dwell=Pluse Time\*Hopping Number

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

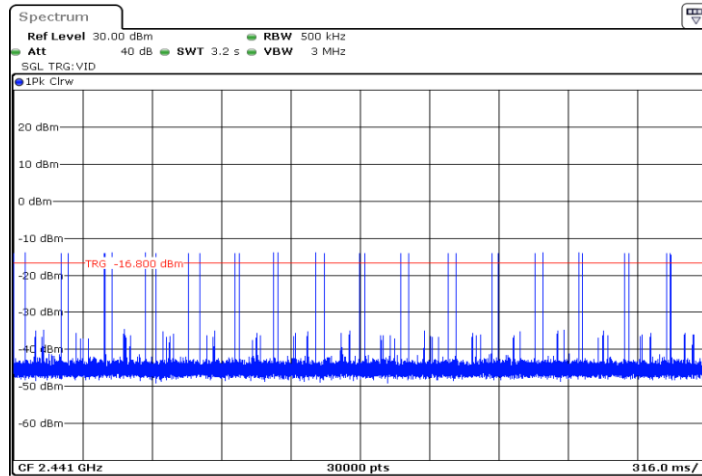
Note 3: Hopping Number in  $3.16s =$  Total of highest signals in  $3.16s$  (Second high signals were other channel)

# Test Graphs

## DH1\_Ant1\_Hop

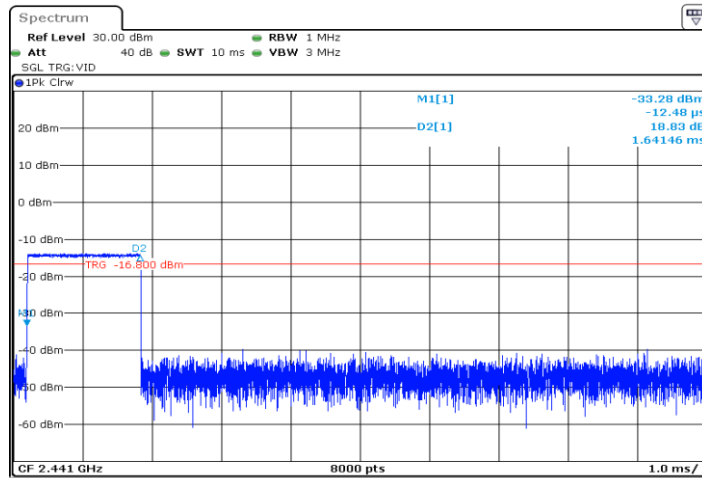


Date: 30.DEC.2019 17:19:54

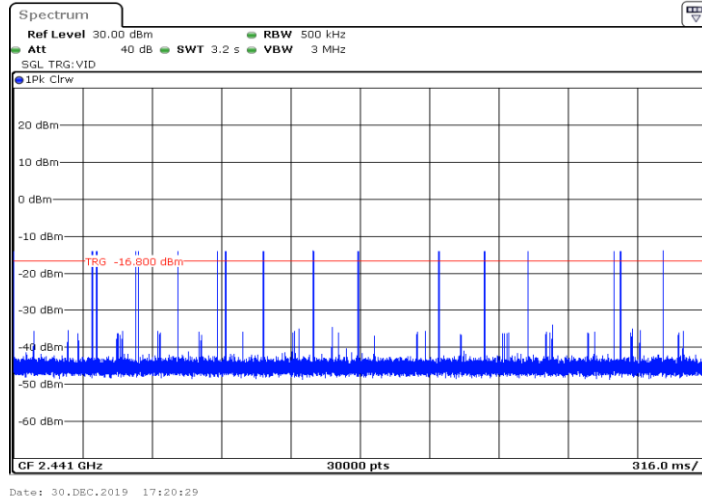


Date: 30.DEC.2019 17:19:59

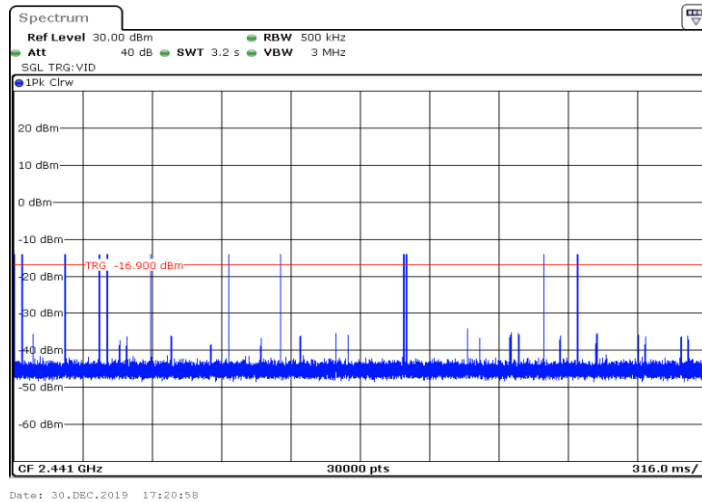
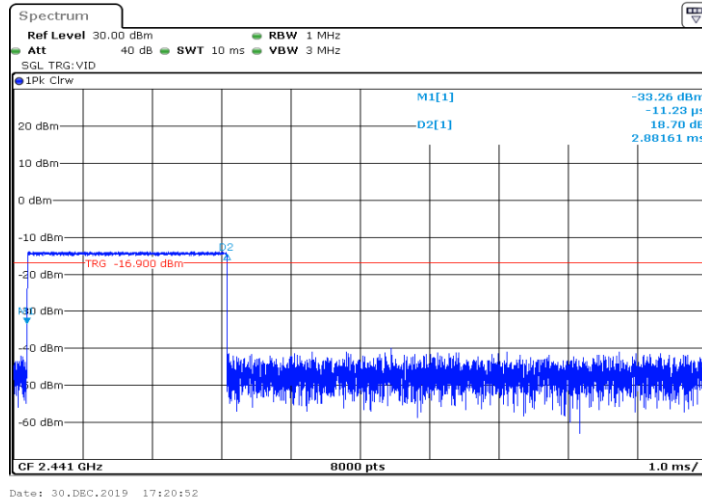
## DH3\_Ant1\_Hop



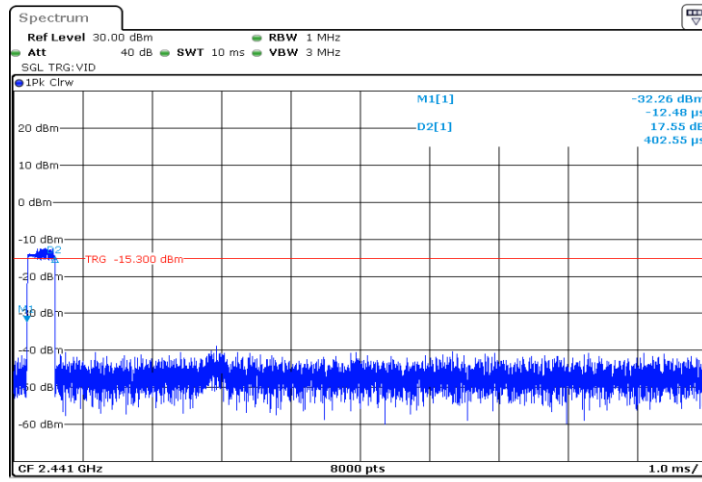
Date: 30.DEC.2019 17:20:23



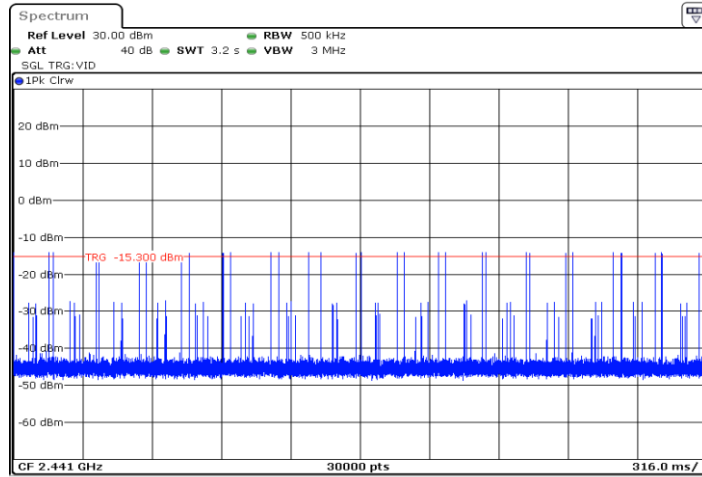
### DH5\_Ant1\_Hop



### 2DH1\_Ant1\_Hop

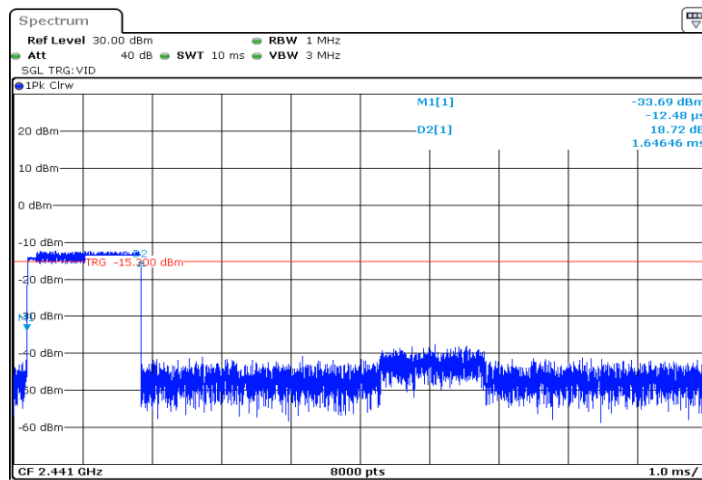


Date: 30.DEC.2019 17:22:58

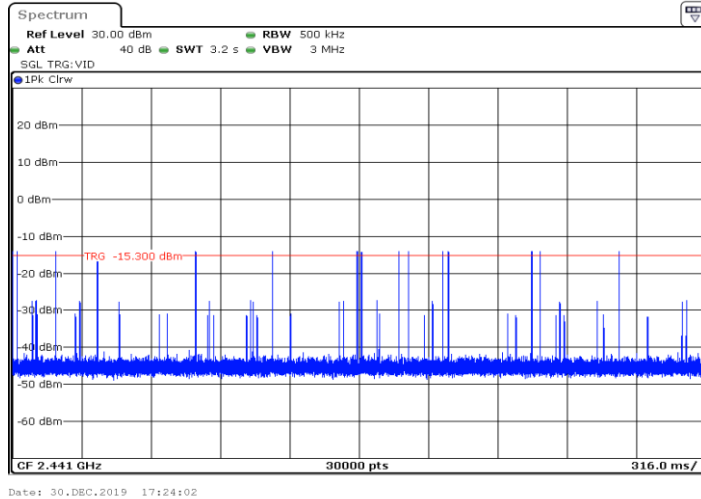


Date: 30.DEC.2019 17:23:03

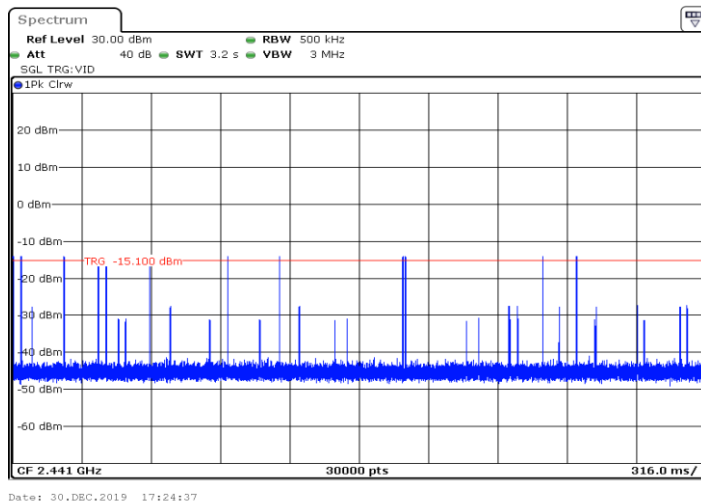
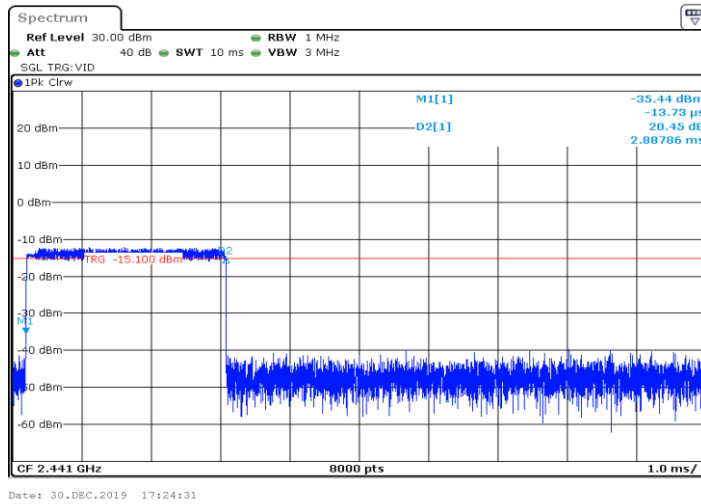
### 2DH3\_Ant1\_Hop



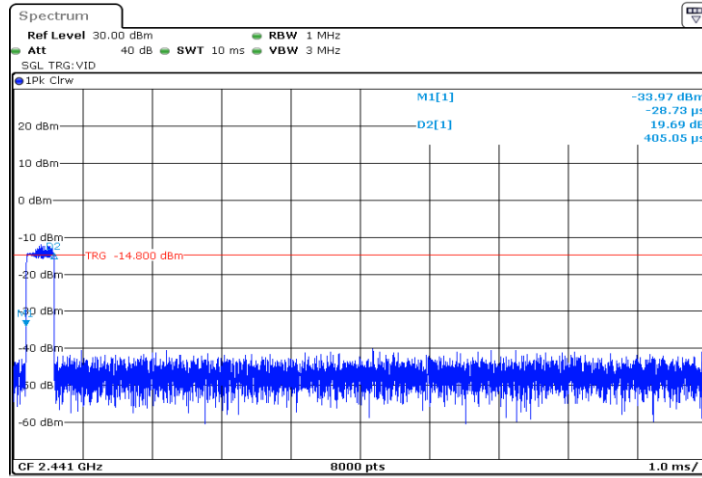
Date: 30.DEC.2019 17:23:56



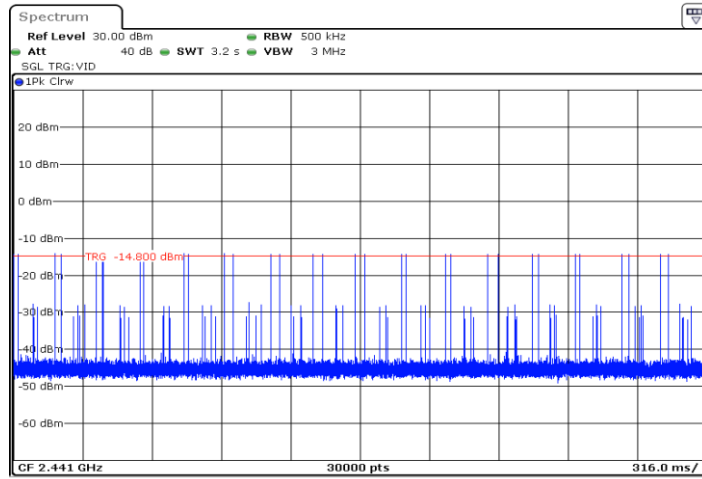
### 2DH5\_Ant1\_Hop



### 3DH1\_Ant1\_Hop

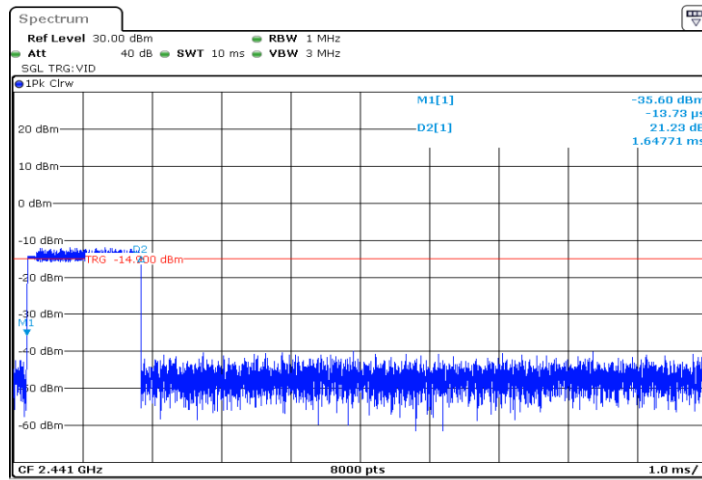


Date: 30.DEC.2019 17:29:12



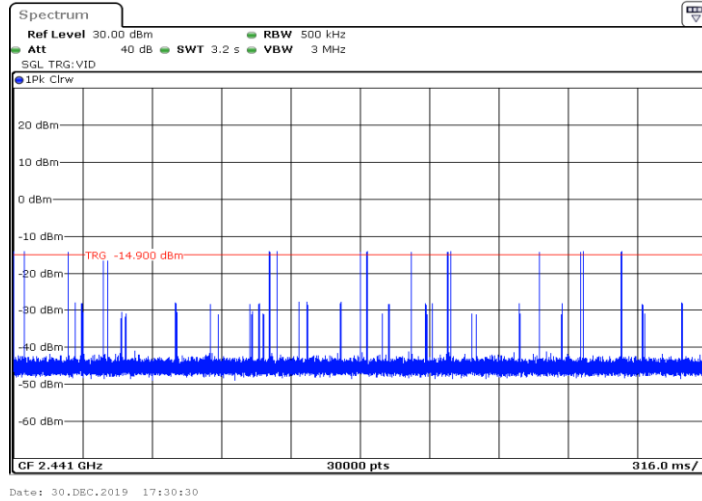
Date: 30.DEC.2019 17:29:17

### 3DH3\_Ant1\_Hop

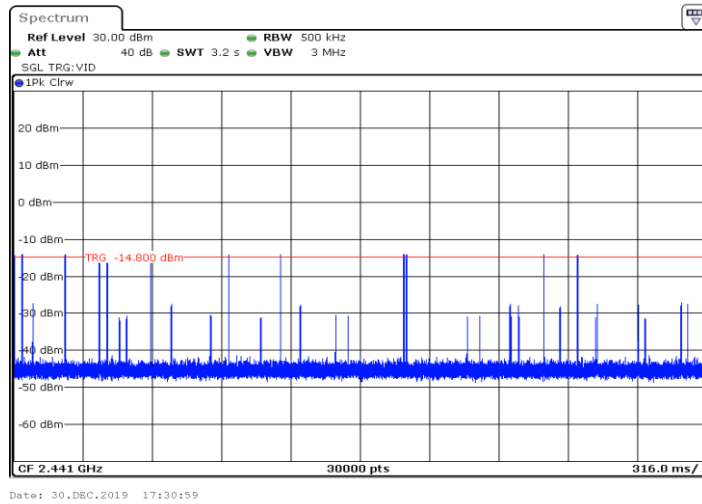
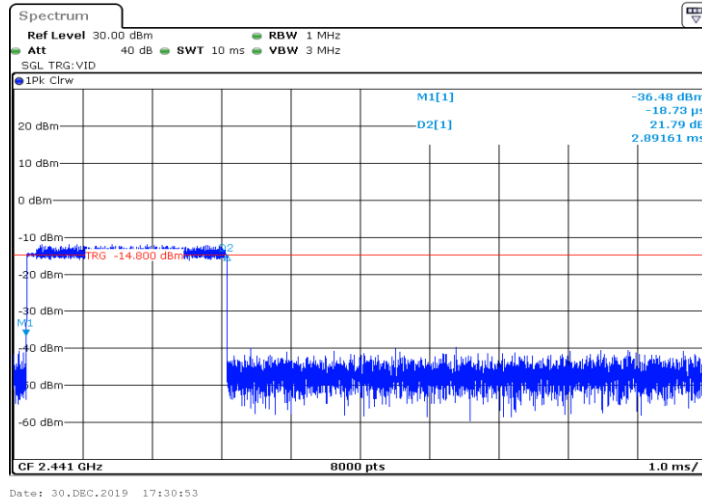


Date: 30.DEC.2019 17:30:25





### 3DH5\_Ant1\_Hop



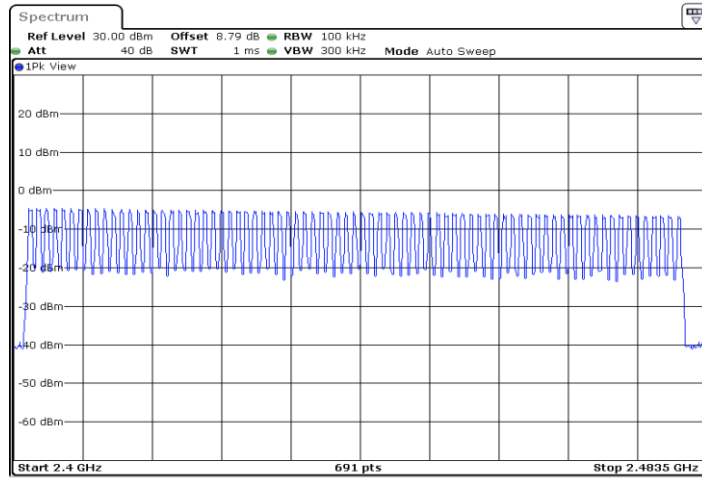
## Appendix E: Number of hopping channels

### 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

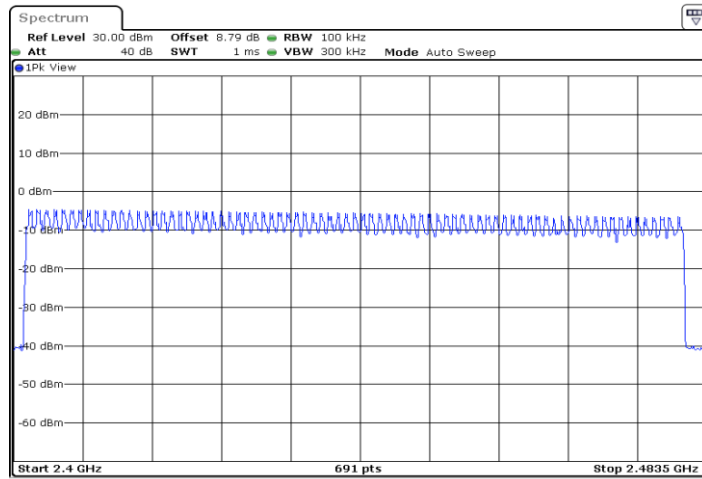
# Test Graphs

## DH1\_Ant1\_Hop



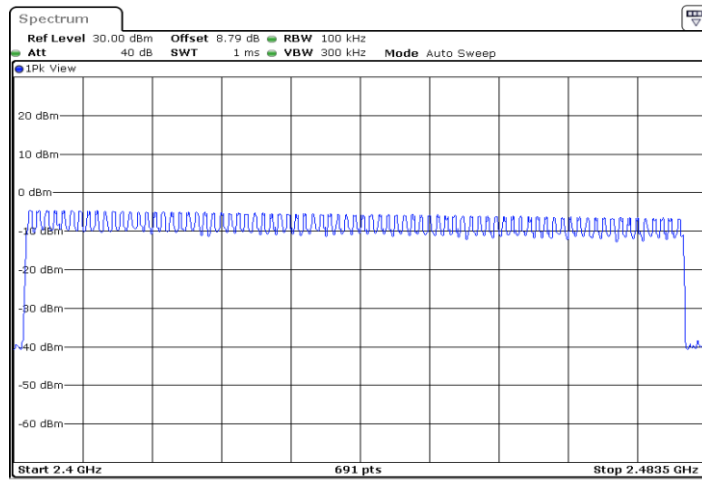
Date: 30.DEC.2019 17:18:59

## 2DH1\_Ant1\_Hop



Date: 30.DEC.2019 17:22:45

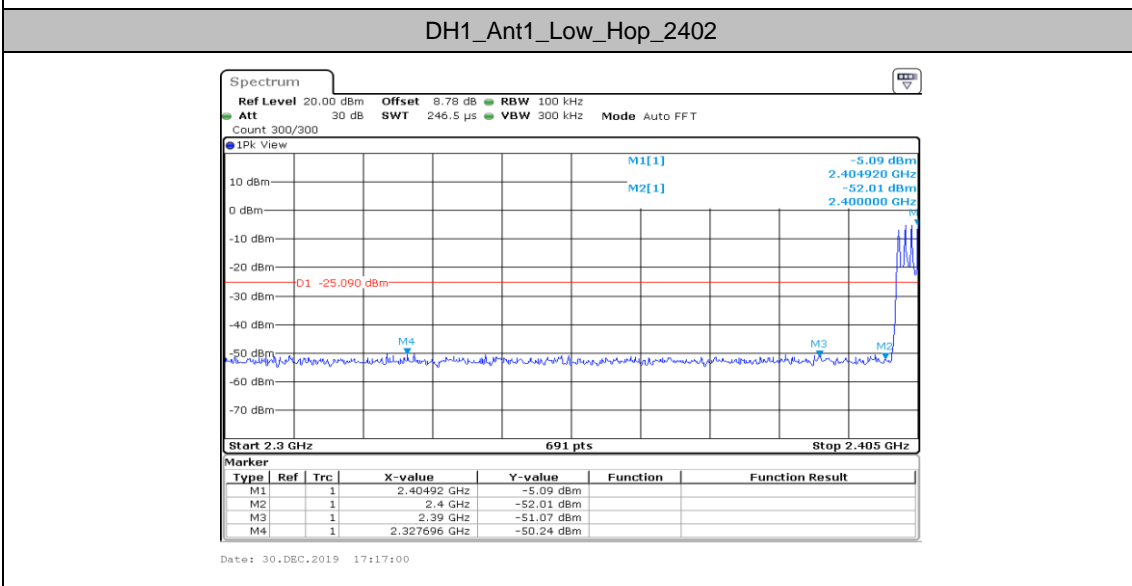
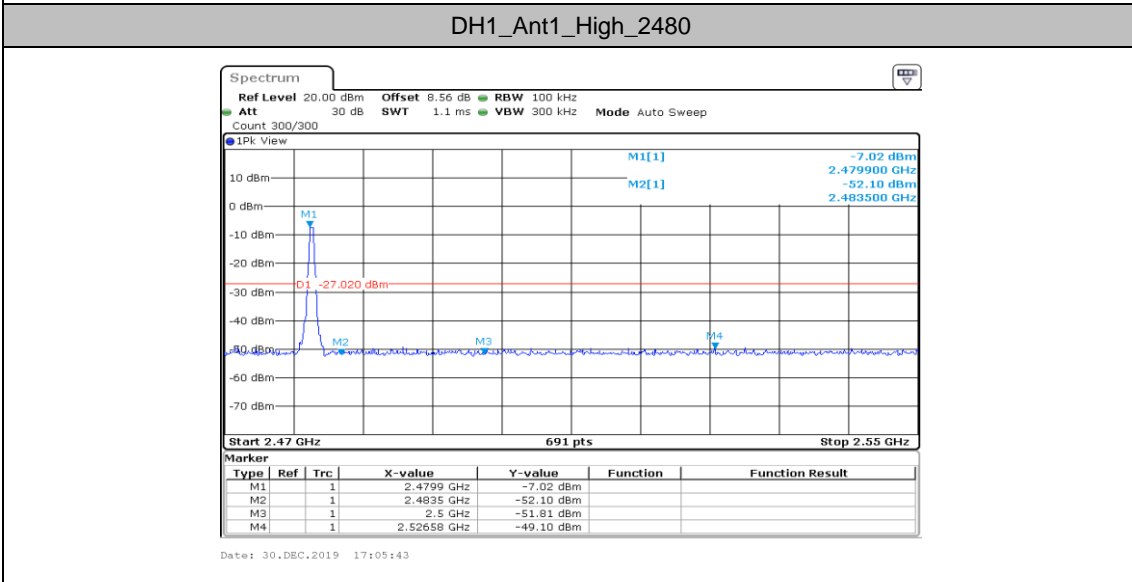
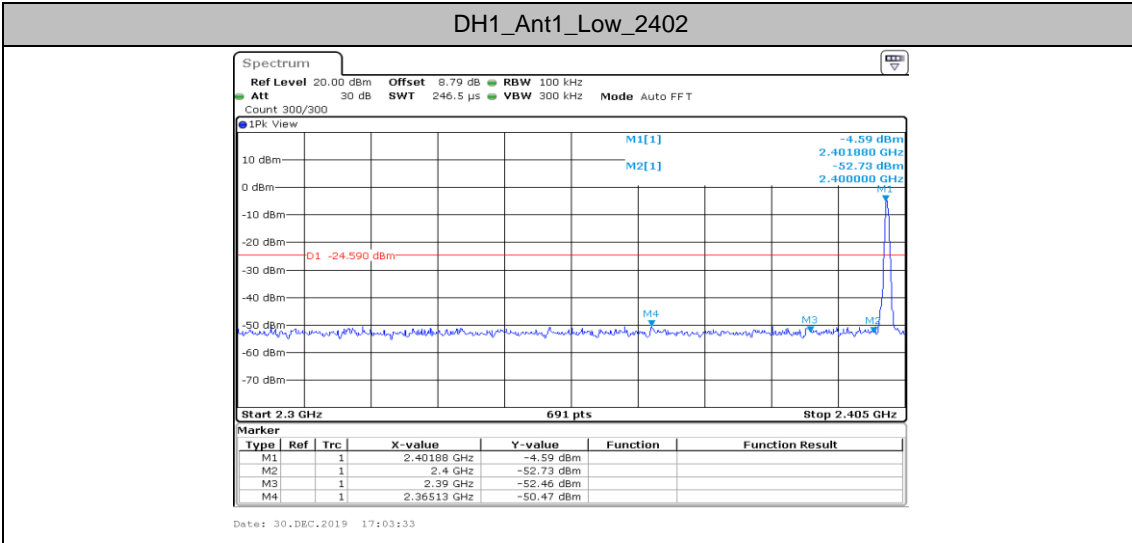
## 3DH1\_Ant1\_Hop



Date: 30.DEC.2019 17:28:59

# Appendix F: Band edge measurements

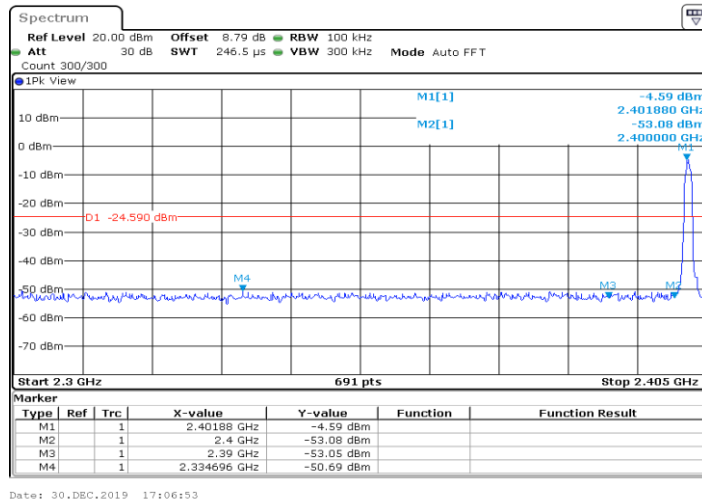
## Test Graphs



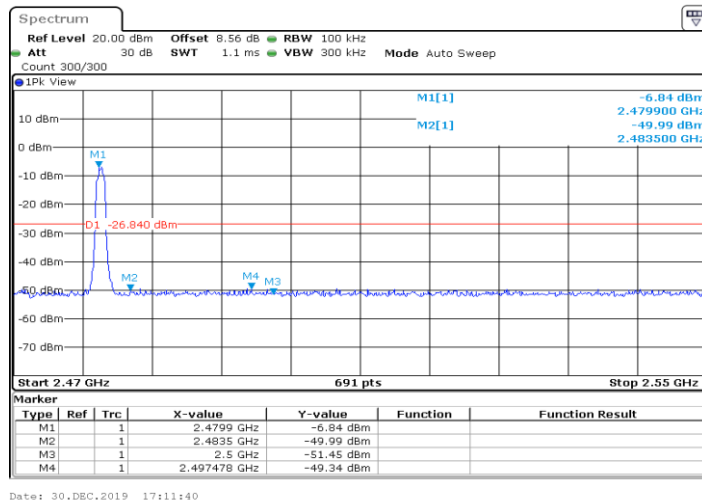
### DH1\_Ant1\_High\_Hop\_2480



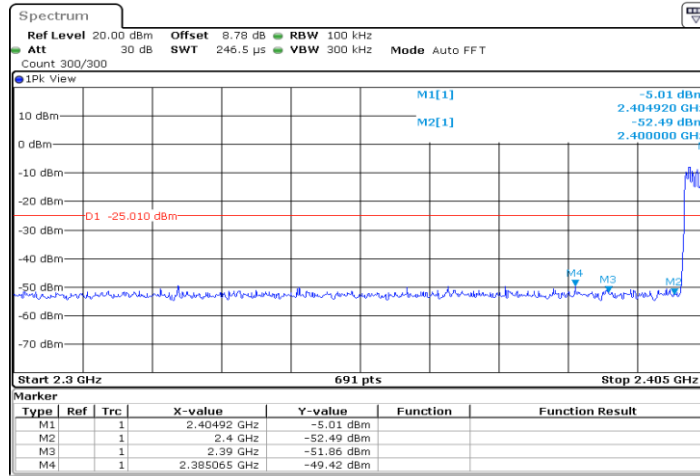
### 2DH1\_Ant1\_Low\_2402



### 2DH1\_Ant1\_High\_2480

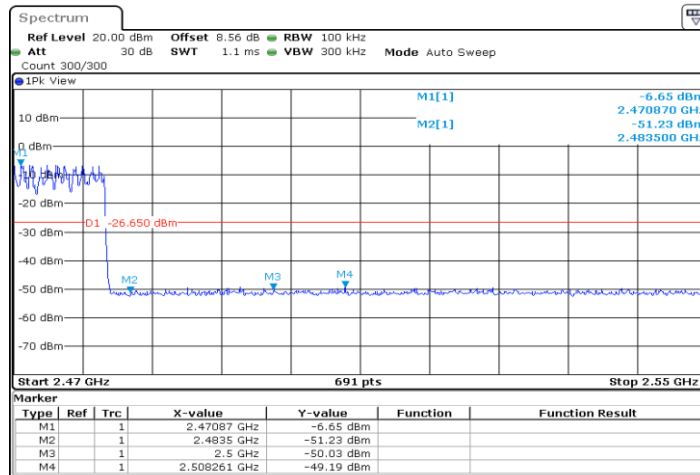


### 2DH1\_Ant1\_Low\_Hop\_2402



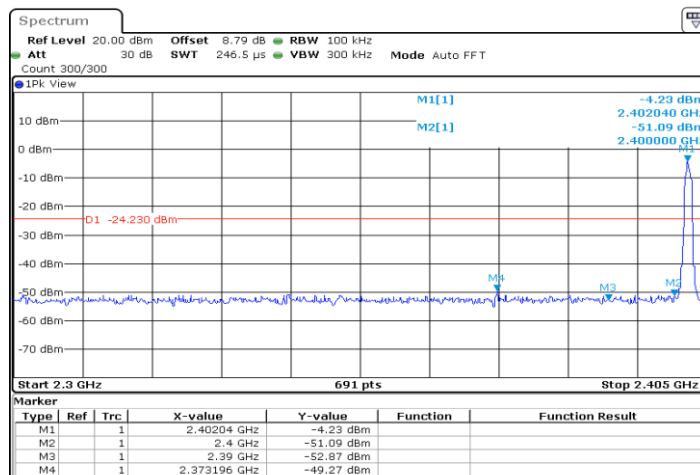
Date: 30.DEC.2019 17:21:33

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



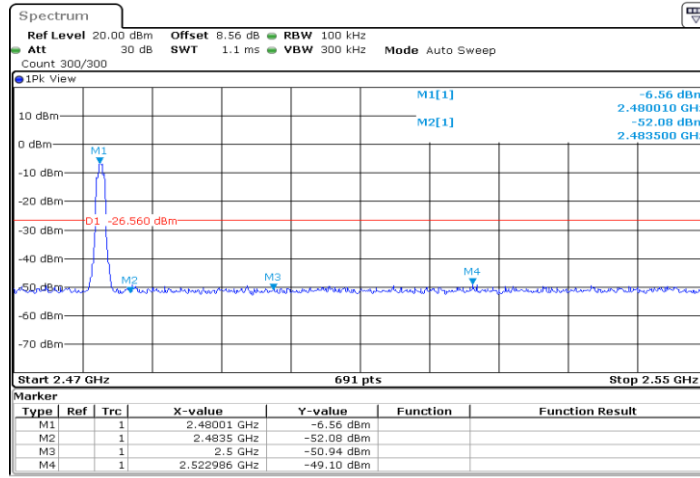
Date: 30.DEC.2019 17:23:17

### 3DH1\_Ant1\_Low\_2402



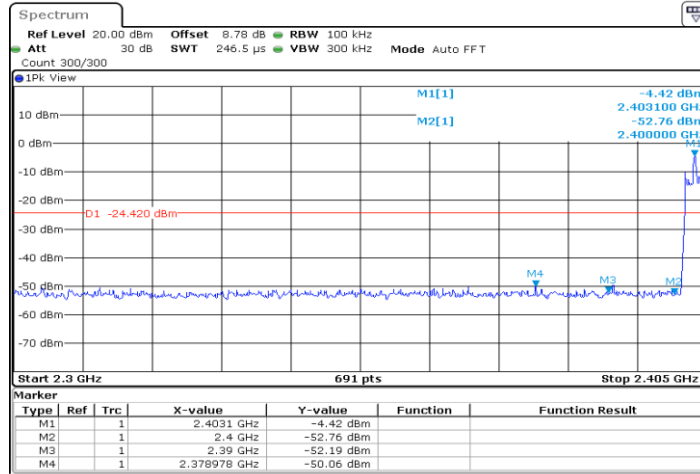
Date: 30.DEC.2019 17:13:00

### 3DH1\_Ant1\_High\_2480



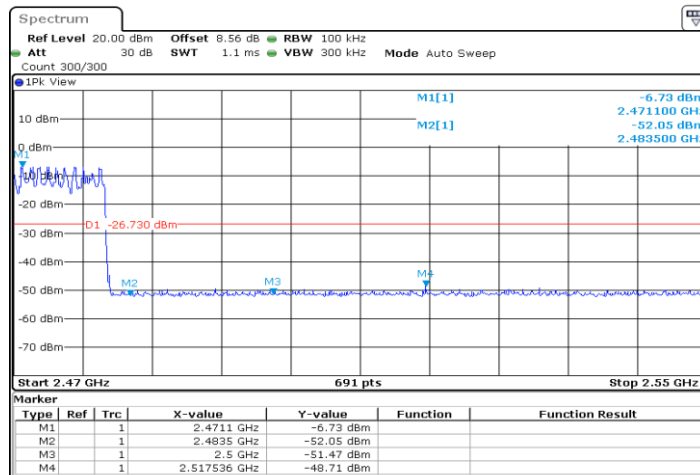
Date: 30.DEC.2019 17:15:09

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



Date: 30.DEC.2019 17:26:39

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



Date: 30.DEC.2019 17:29:45