

## Appendix A: 20dB Emission Bandwidth

### Test Result

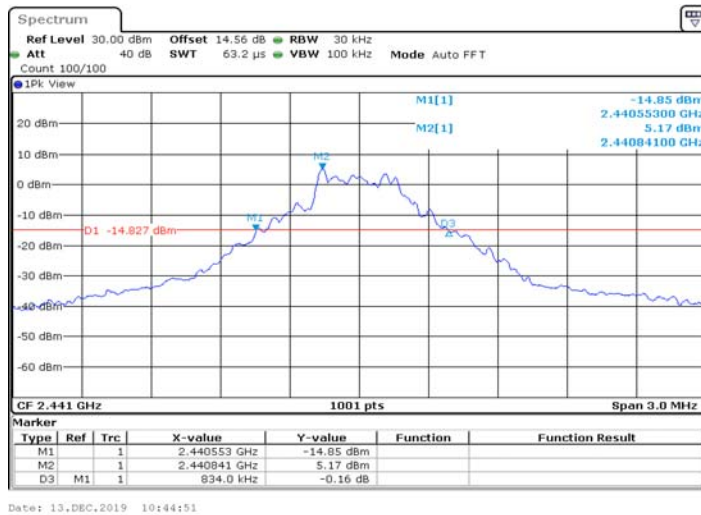
TestMode	Antenna	Channel	20db EBW[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.837	---	PASS
		2441	0.834	---	PASS
		2480	0.837	---	PASS
2DH1	Ant1	2402	1.251	---	PASS
		2441	1.260	---	PASS
		2480	1.257	---	PASS
3DH1	Ant1	2402	1.239	---	PASS
		2441	1.248	---	PASS
		2480	1.245	---	PASS

# Test Graphs

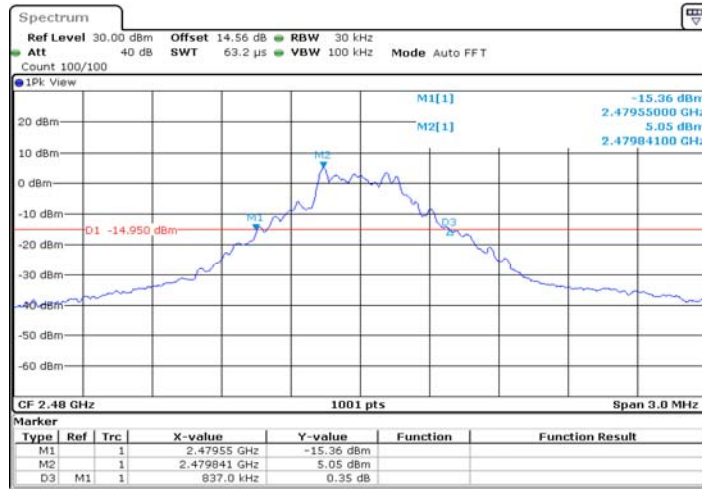
DH1\_Ant1\_2402



DH1\_Ant1\_2441

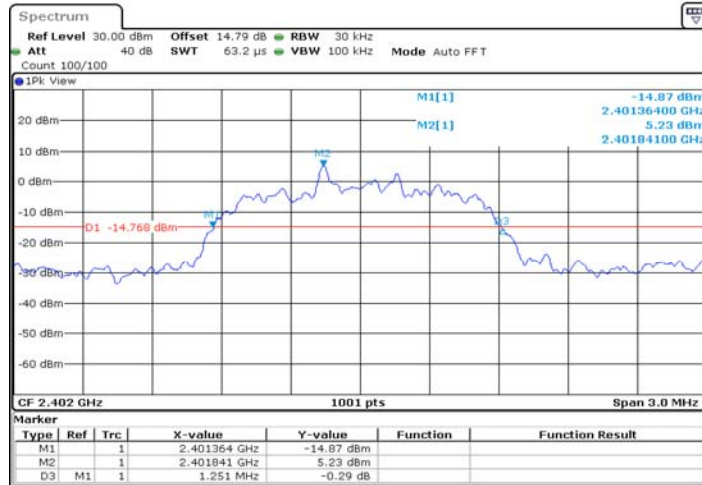


### DH1\_Ant1\_2480



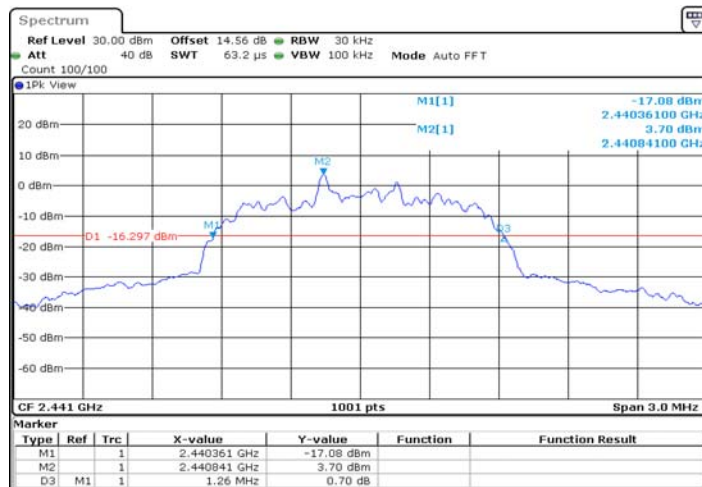
Date: 13,DEC,2019 10:46:07

### 2DH1\_Ant1\_2402



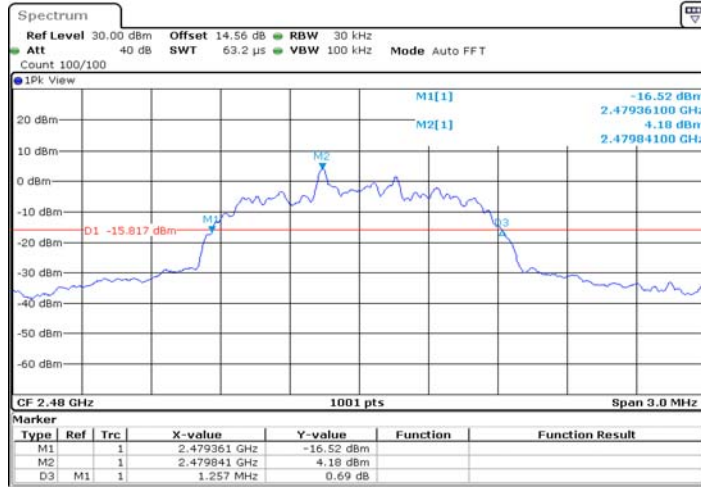
Date: 13,DEC,2019 10:47:46

### 2DH1\_Ant1\_2441



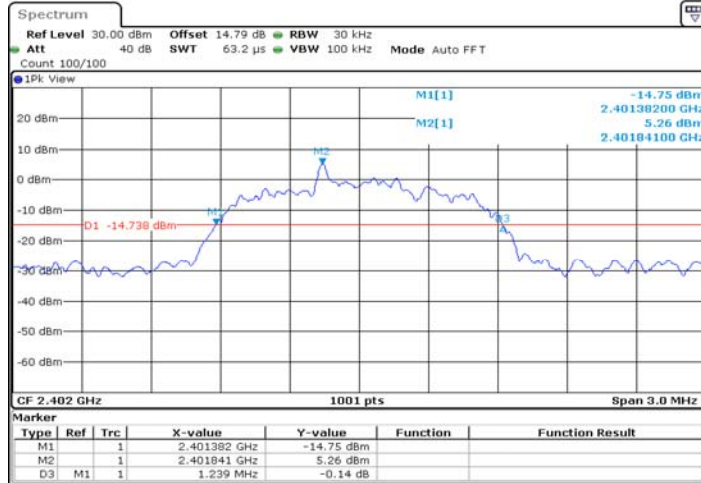
Date: 13,DEC,2019 10:49:08

### 2DH1\_Ant1\_2480



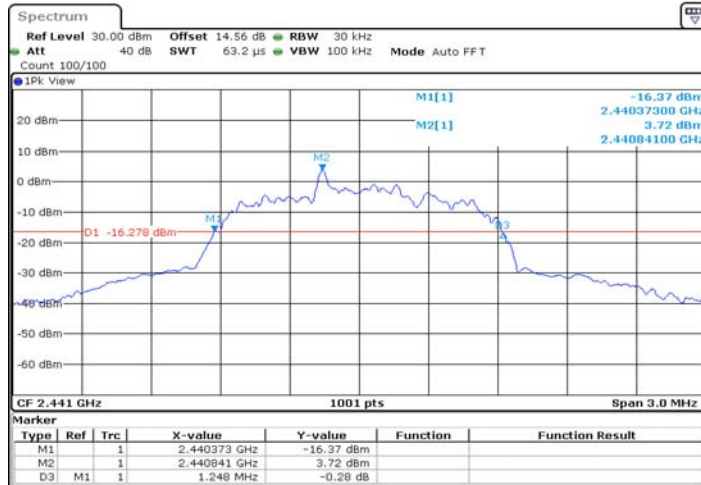
Date: 13,DEC,2019 10:50:23

### 3DH1\_Ant1\_2402



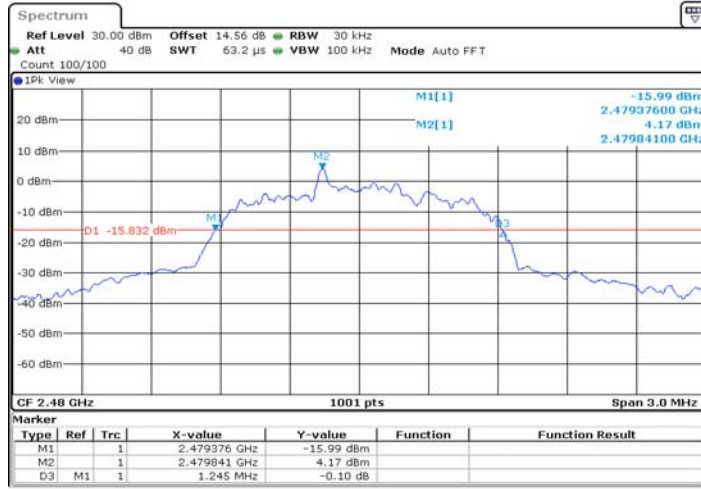
Date: 13,DEC,2019 10:52:10

### 3DH1\_Ant1\_2441



Date: 13,DEC,2019 10:53:28

### 3DH1\_Ant1\_2480



Date: 13,DEC,2019 10:55:20

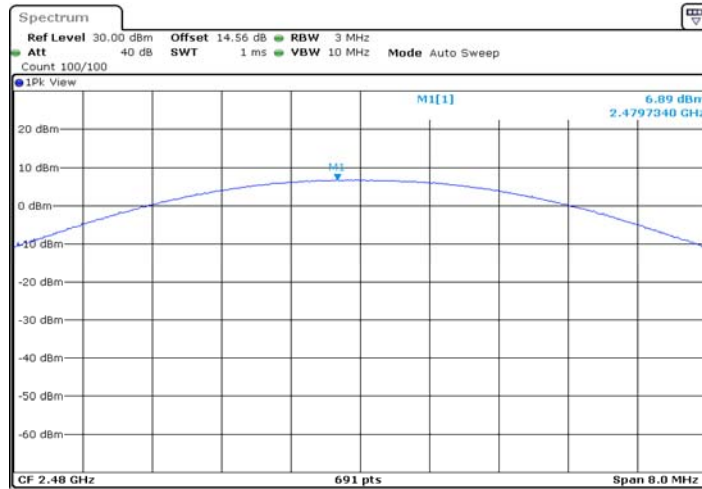
## Appendix B: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	8.68	<=20.97	PASS
		2441	7.02	<=20.97	PASS
		2480	6.89	<=20.97	PASS
2DH1	Ant1	2402	8.54	<=20.97	PASS
		2441	7.32	<=20.97	PASS
		2480	7.54	<=20.97	PASS
3DH1	Ant1	2402	8.77	<=20.97	PASS
		2441	7.62	<=20.97	PASS
		2480	7.76	<=20.97	PASS

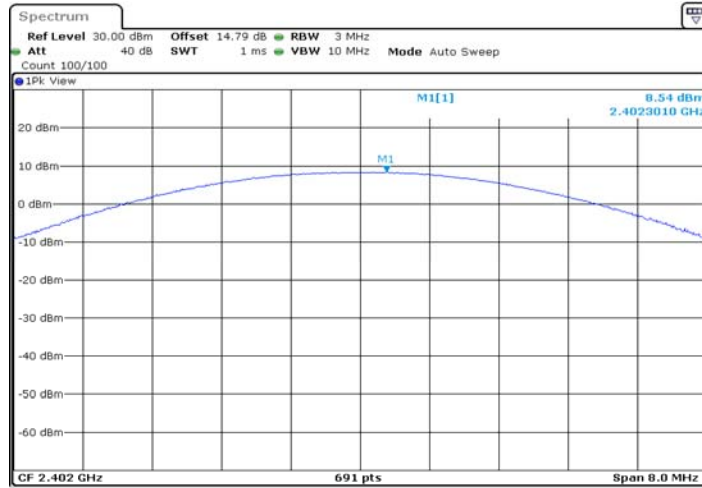


### DH1\_Ant1\_2480



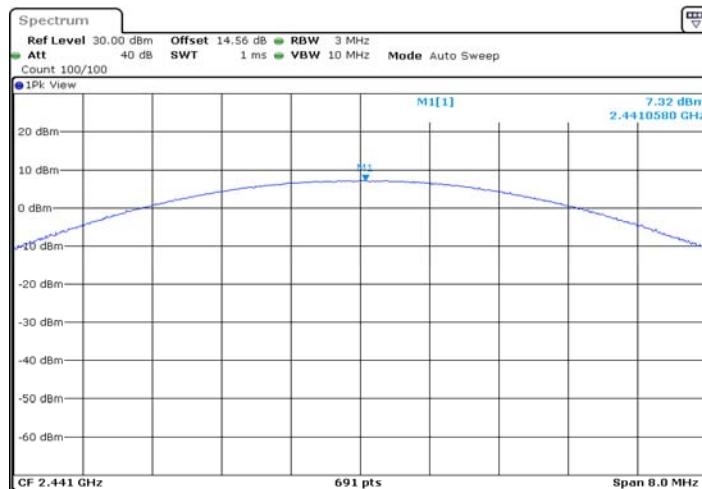
Date: 13.DEC.2019 10:46:23

### 2DH1\_Ant1\_2402



Date: 13.DEC.2019 10:48:03

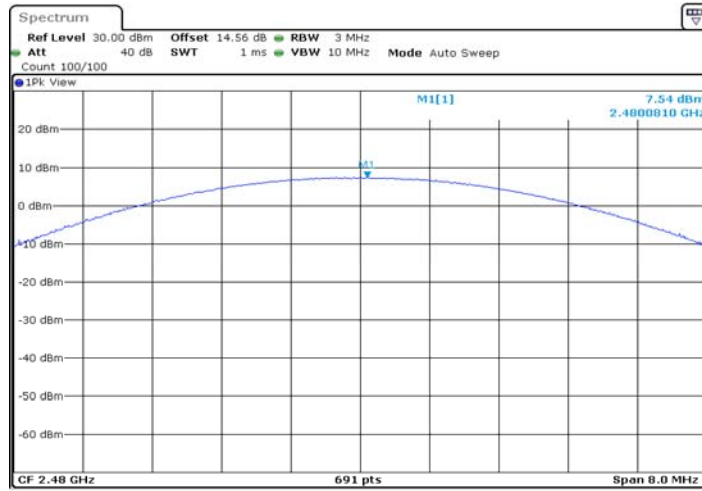
### 2DH1\_Ant1\_2441



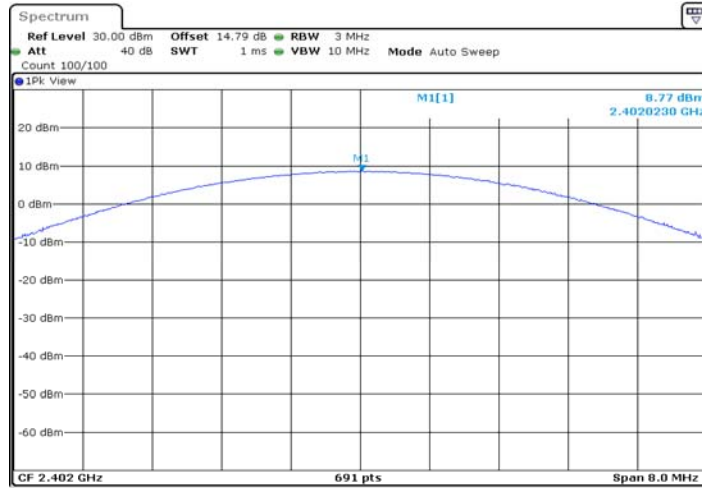
Date: 13.DEC.2019 10:49:15



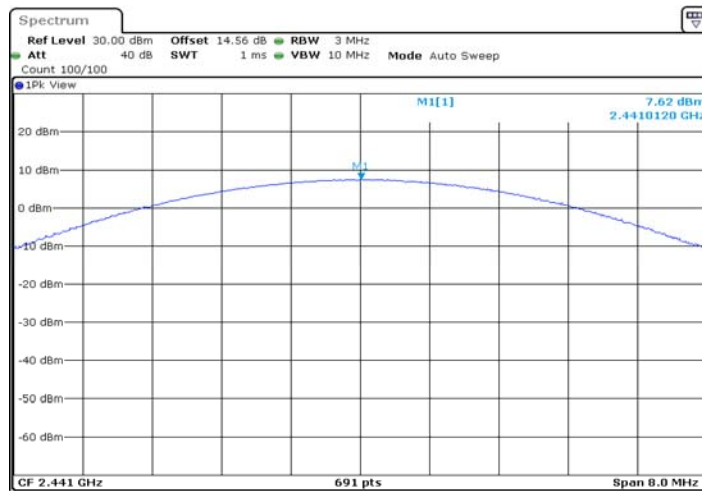
### 2DH1\_Ant1\_2480



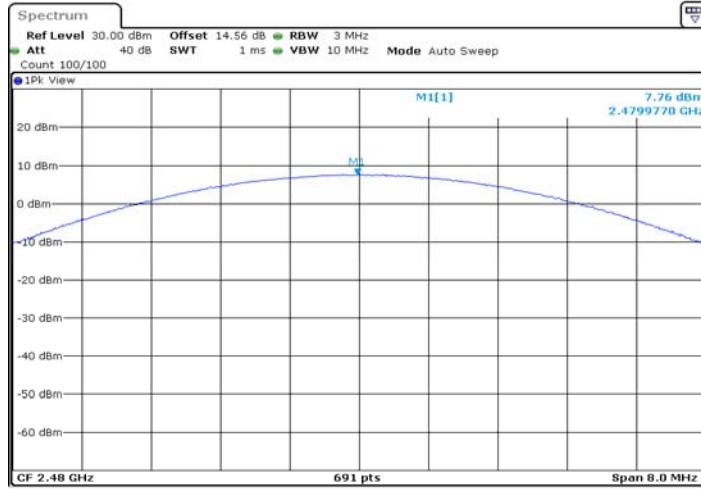
### 3DH1\_Ant1\_2402



### 3DH1\_Ant1\_2441



# 3DH1\_Ant1\_2480



Date: 13,DEC,2019 10:55:36

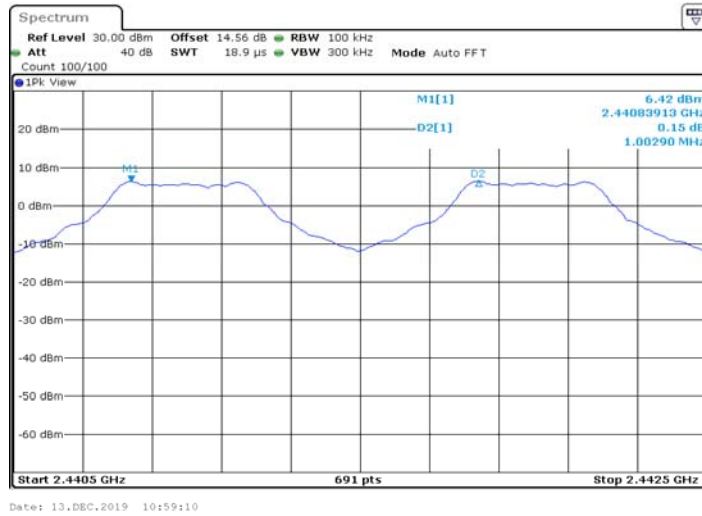
## Appendix C: Carrier frequency separation

### Test Result

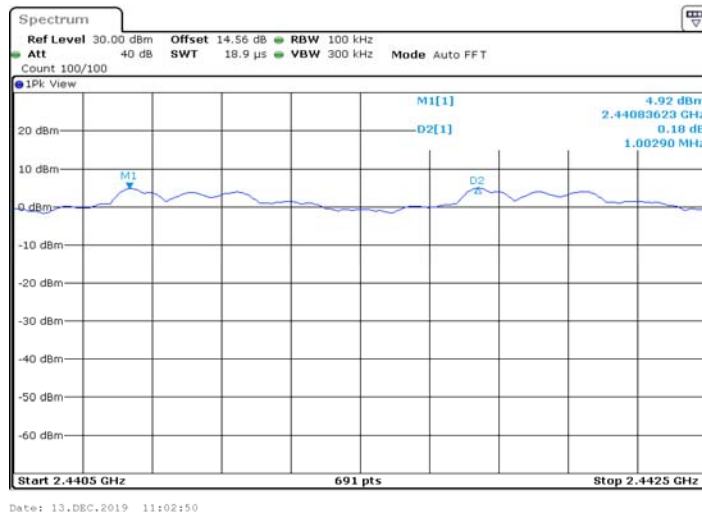
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.003	$\geq 0.556$	PASS
2DH1	Ant1	Hop	1.003	$\geq 0.840$	PASS
3DH1	Ant1	Hop	1.003	$\geq 0.832$	PASS

# Test Graphs

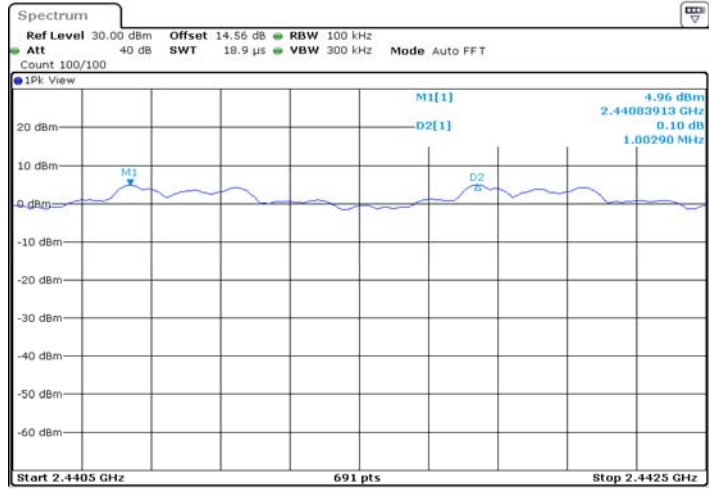
## DH1\_Ant1\_Hop



## 2DH1\_Ant1\_Hop



# 3DH1\_Ant1\_Hop



Date: 13,DEC,2019 11:05:28

## Appendix D: Time of occupancy

### Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	330	0.128	<=0.4	PASS
DH3	Ant1	Hop	1.64	170	0.278	<=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	140	0.228	<=0.4	PASS
2DH5	Ant1	Hop	2.87	90	0.258	<=0.4	PASS
3DH1	Ant1	Hop	0.38	330	0.125	<=0.4	PASS
3DH3	Ant1	Hop	1.62	120	0.195	<=0.4	PASS
3DH5	Ant1	Hop	2.86	120	0.344	<=0.4	PASS

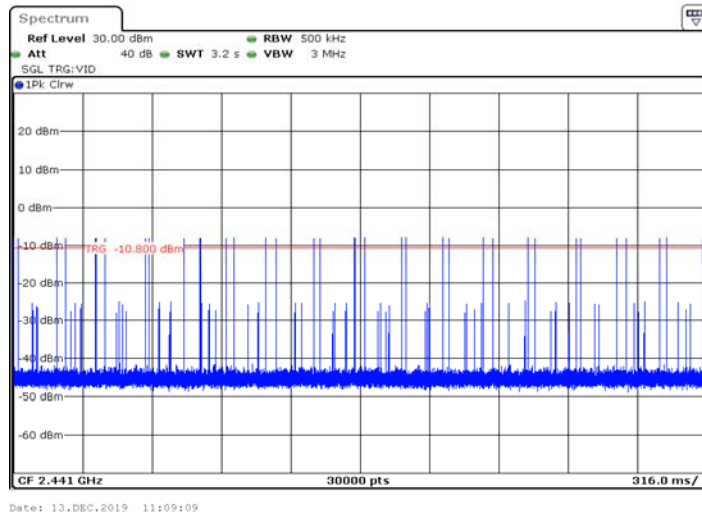
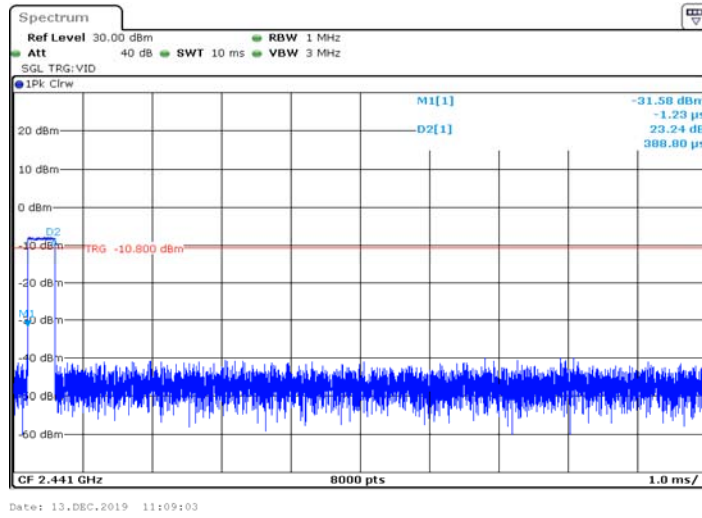
Note 1: A period time= $0.4 \times 79 = 31.6(S)$ , Total of Dwell=Pluse Time\*Hopping Number

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

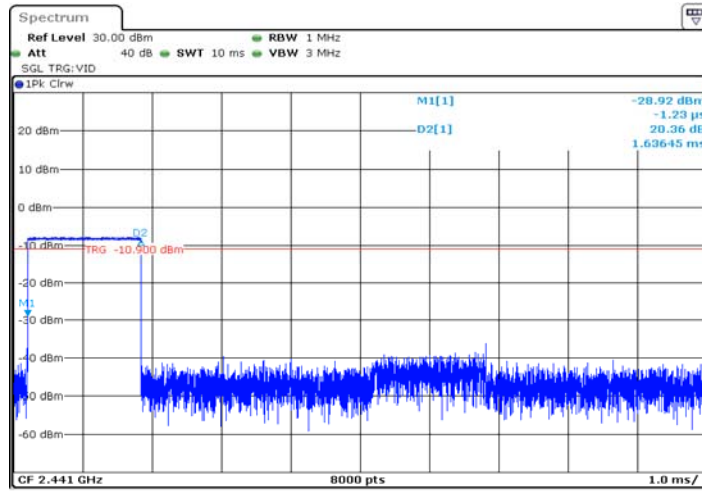
Note 3: Hoping Number in  $3.16s =$ Total of highest signals in  $3.16s$ (Secong high signals were other channel)

# Test Graphs

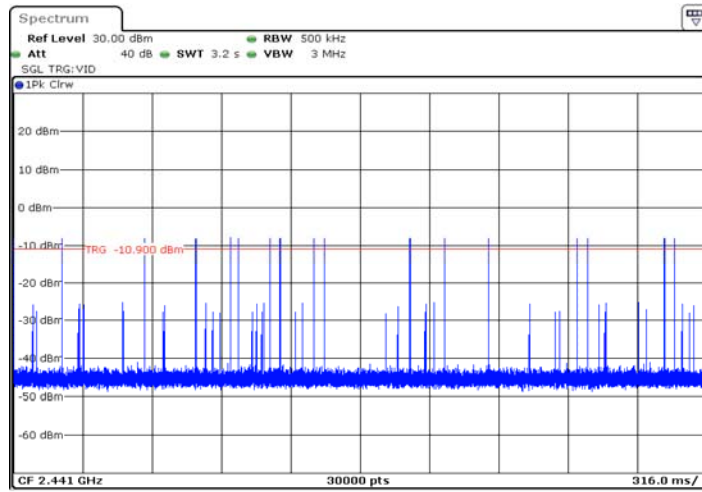
## DH1\_Ant1\_Hop



# DH3\_Ant1\_Hop



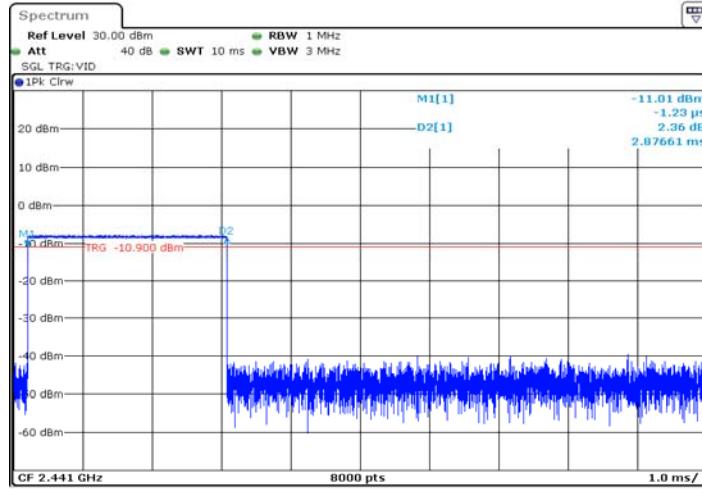
Date: 13.DEC.2019 11:14:16



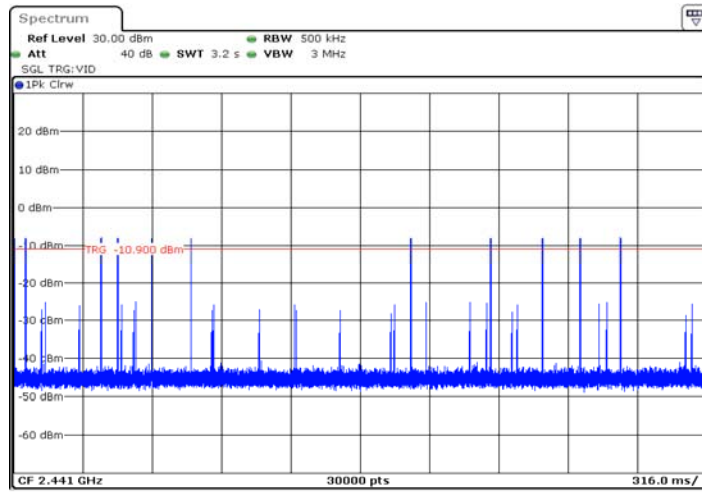
Date: 13.DEC.2019 11:14:21



# DH5\_Ant1\_Hop

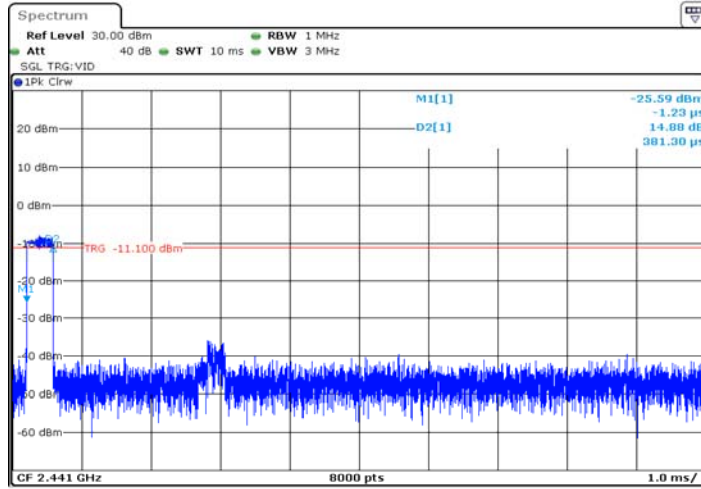


Date: 13.DEC.2019 11:16:10

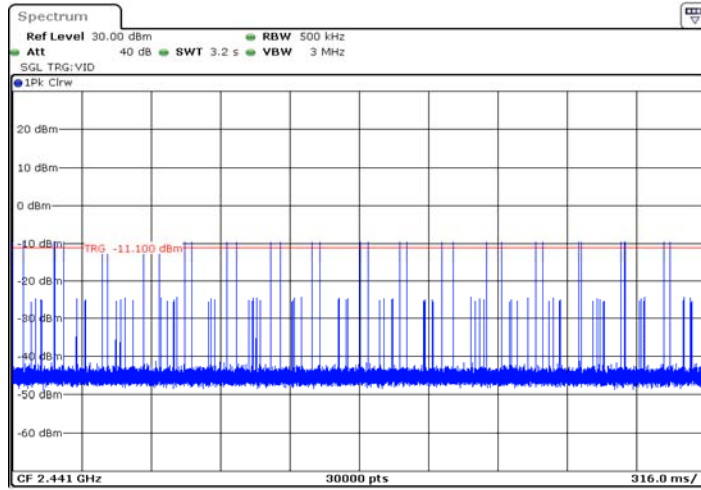


Date: 13.DEC.2019 11:16:15

# 2DH1\_Ant1\_Hop

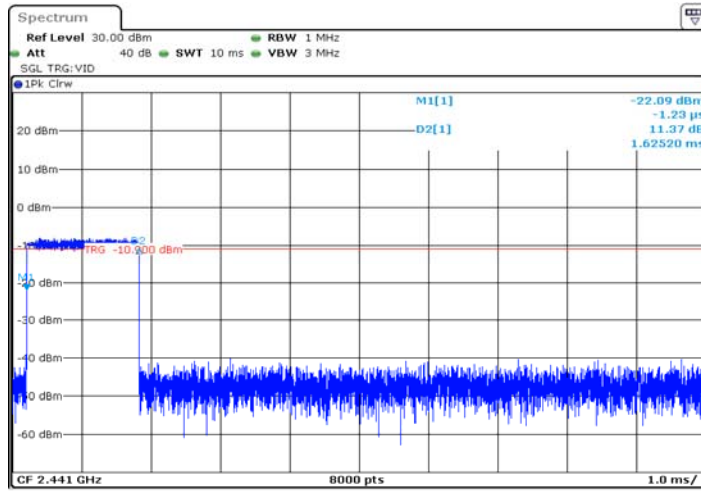


Date: 13.DEC.2019 11:16:57

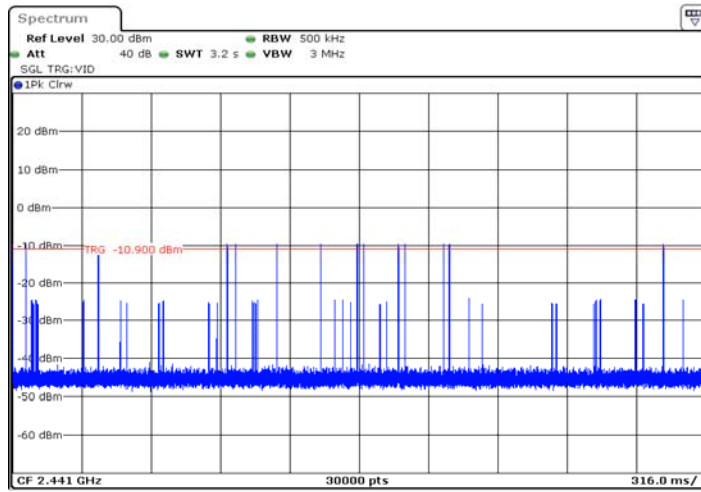


Date: 13.DEC.2019 11:17:03

# 2DH3\_Ant1\_Hop

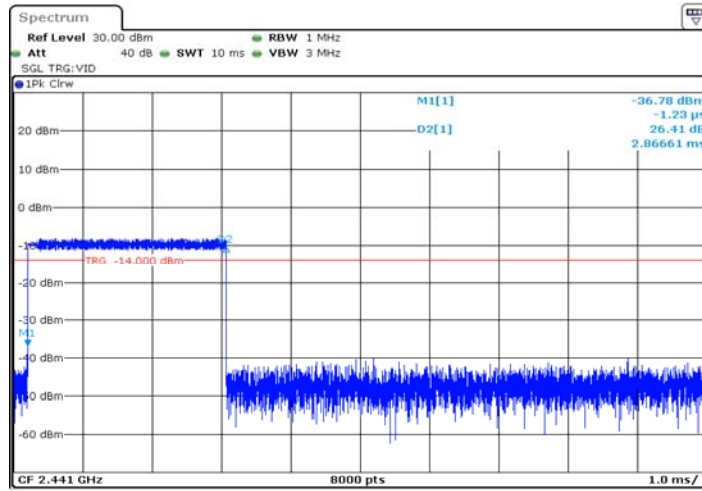


Date: 13.DEC.2019 11:17:35

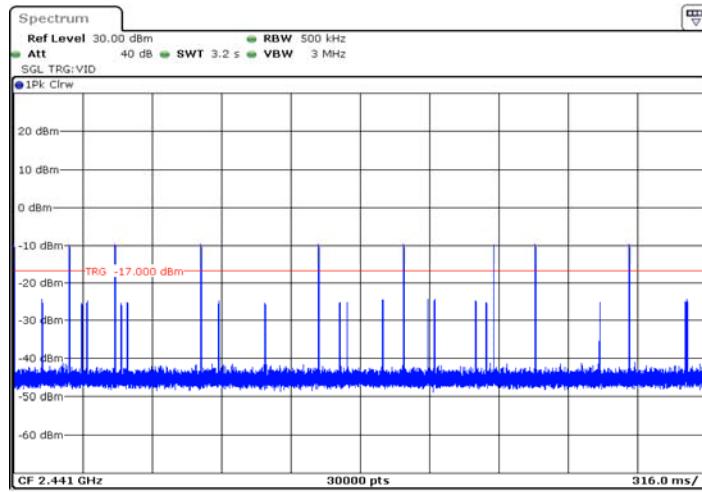


Date: 13.DEC.2019 11:17:40

# 2DH5\_Ant1\_Hop

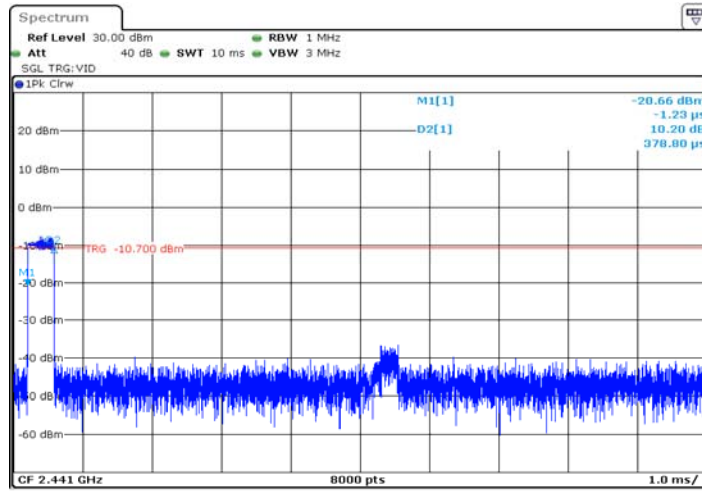


Date: 13.DEC.2019 11:19:22

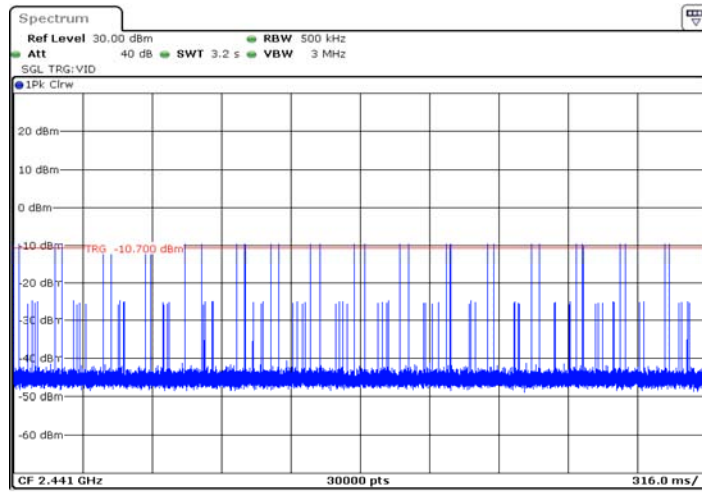


Date: 13.DEC.2019 11:19:27

# 3DH1\_Ant1\_Hop

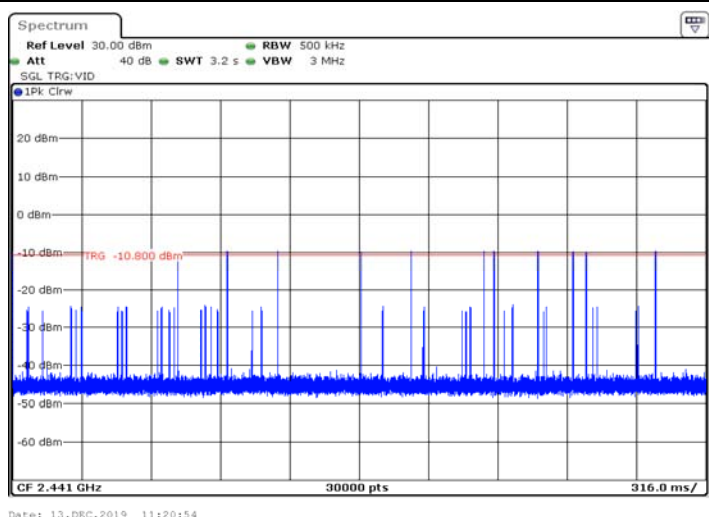
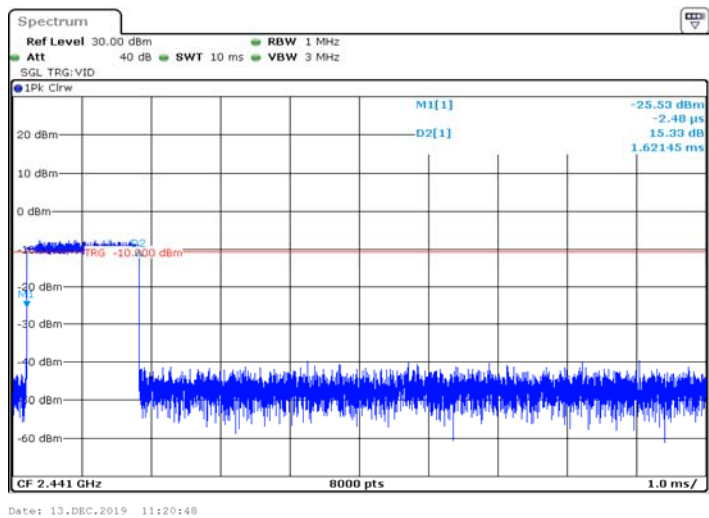


Date: 13.DEC.2019 11:20:09

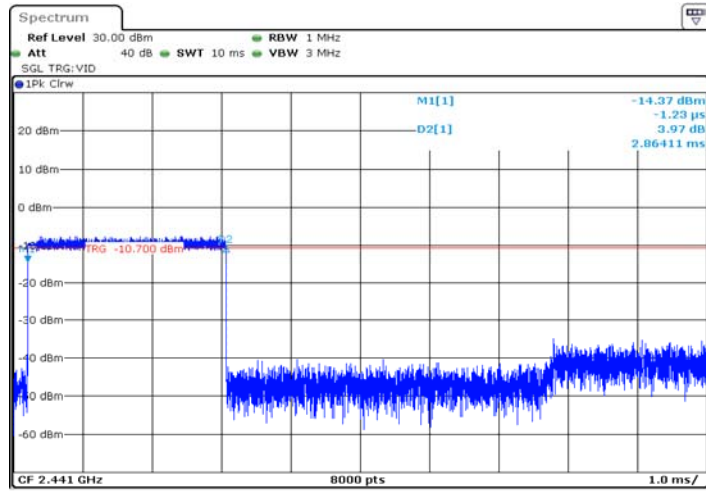


Date: 13.DEC.2019 11:20:14

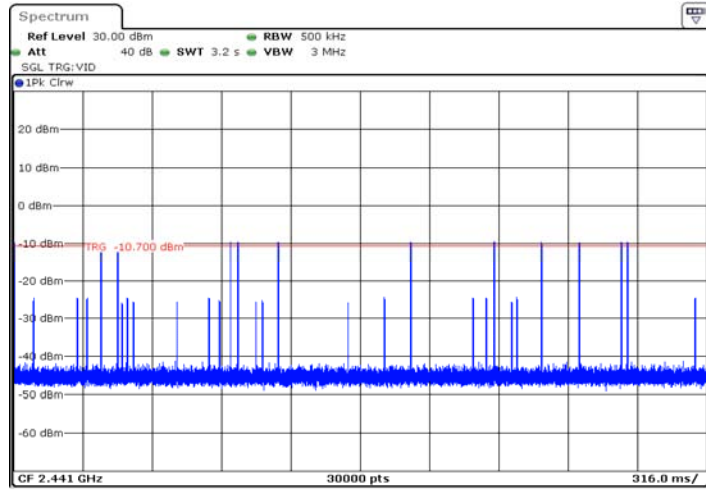
### 3DH3\_Ant1\_Hop



# 3DH5\_Ant1\_Hop



Date: 13.DEC.2019 11:21:25



Date: 13.DEC.2019 11:21:31

## Appendix E: Number of hopping channels

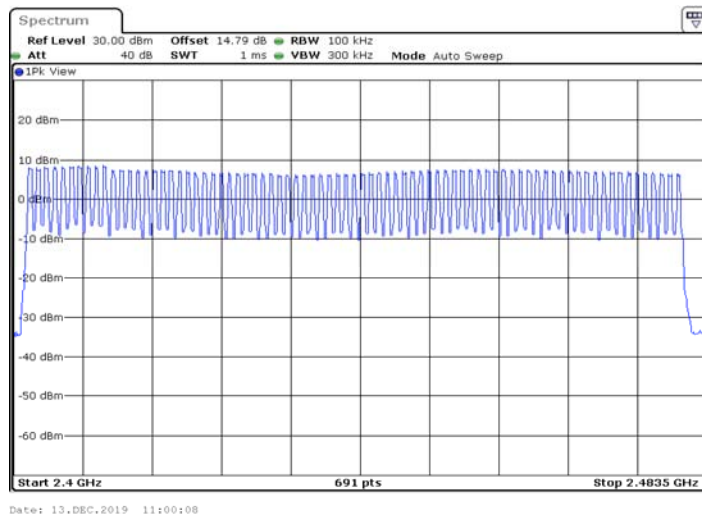
### Test Result

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

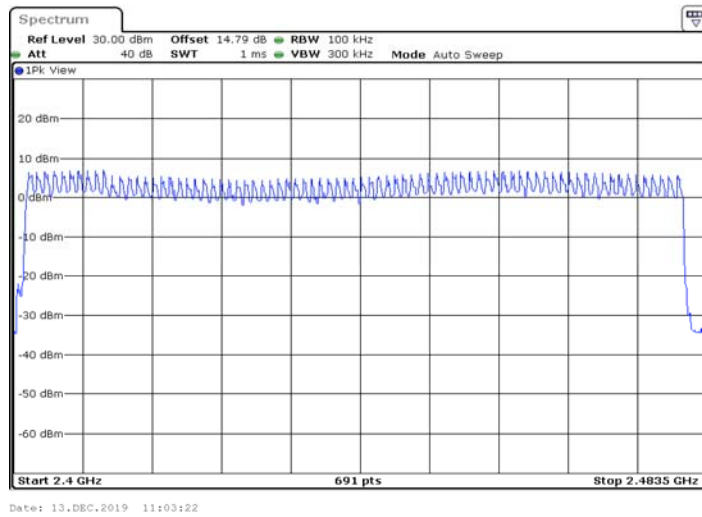


# Test Graphs

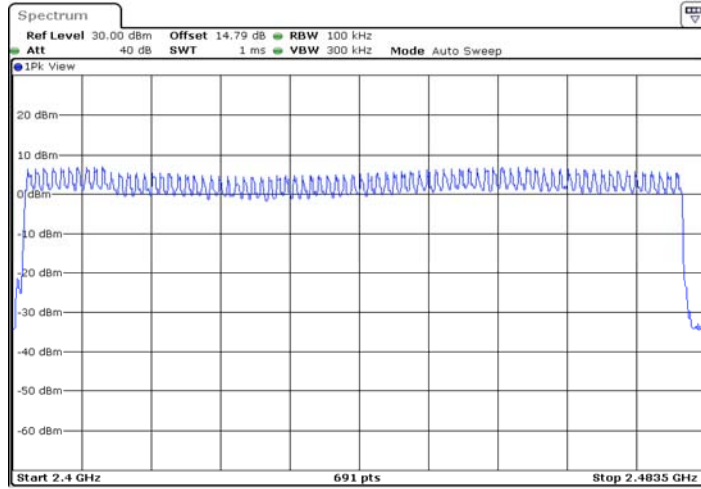
## DH1\_Ant1\_Hop



## 2DH1\_Ant1\_Hop

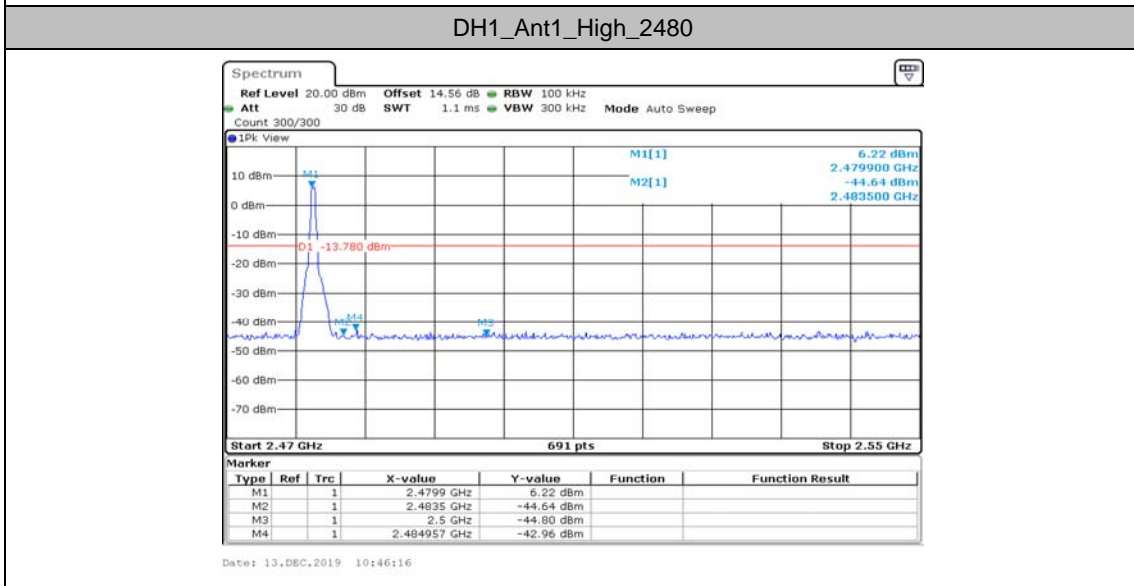
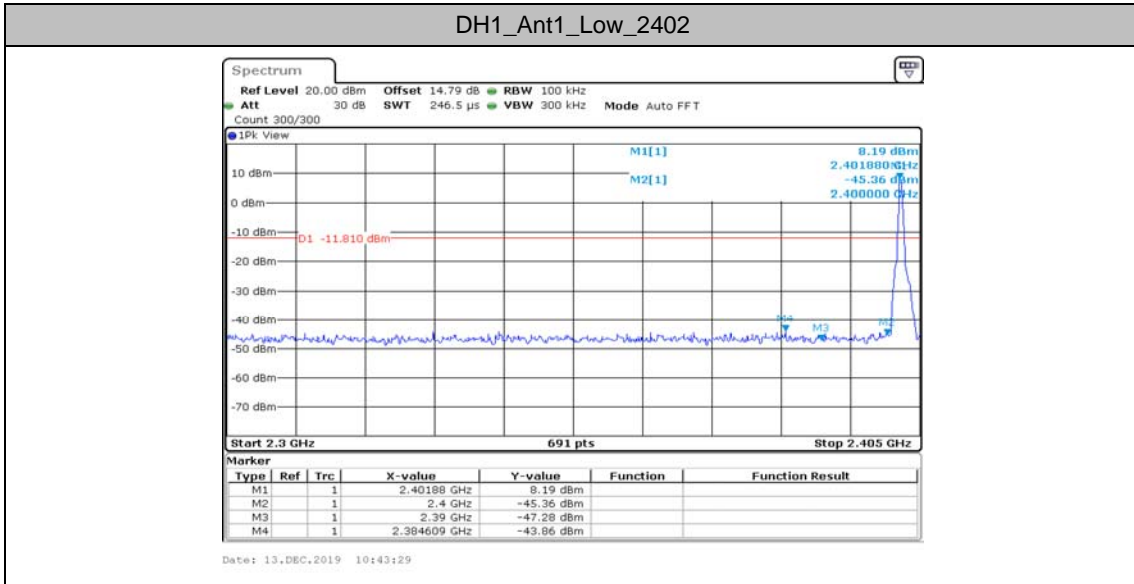


# 3DH1\_Ant1\_Hop

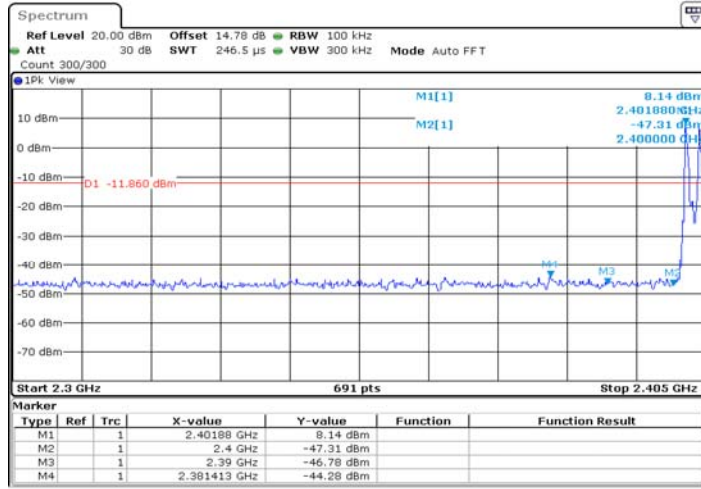


# Appendix F: Band edge measurements

## Test Graphs

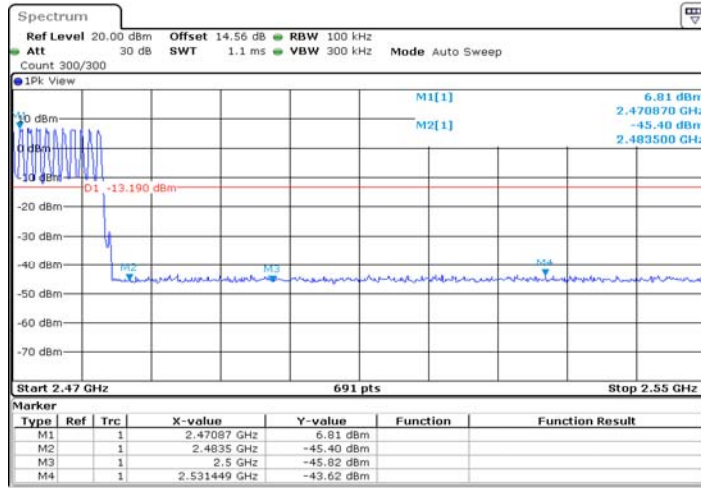


### DH1\_Ant1\_Low\_Hop\_2402



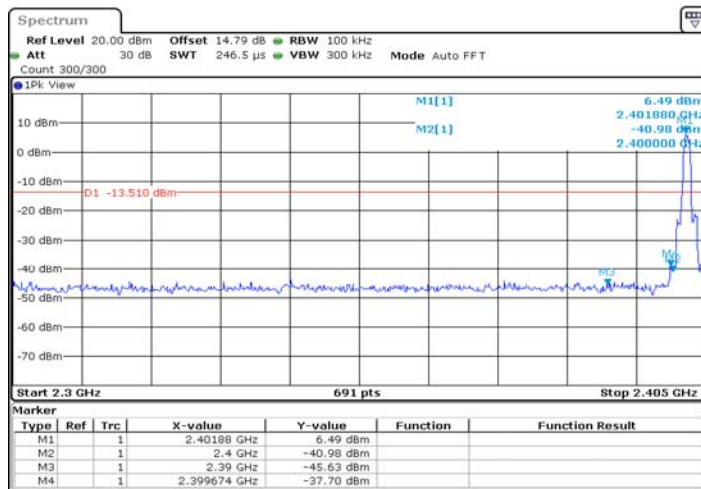
Date: 13,DEC,2019 10:58:14

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



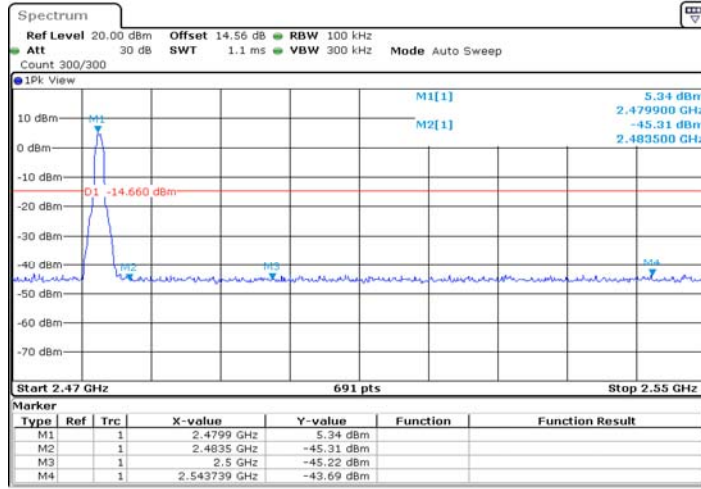
Date: 13,DEC,2019 11:00:22

### 2DH1\_Ant1\_Low\_2402



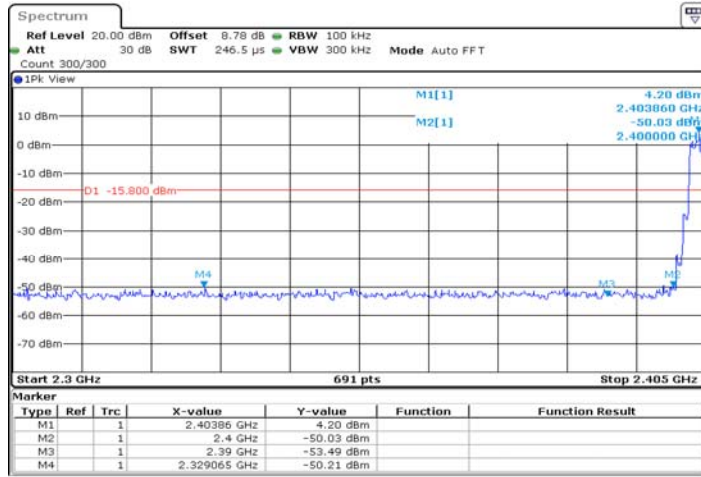
Date: 13,DEC,2019 10:47:56

### 2DH1\_Ant1\_High\_2480



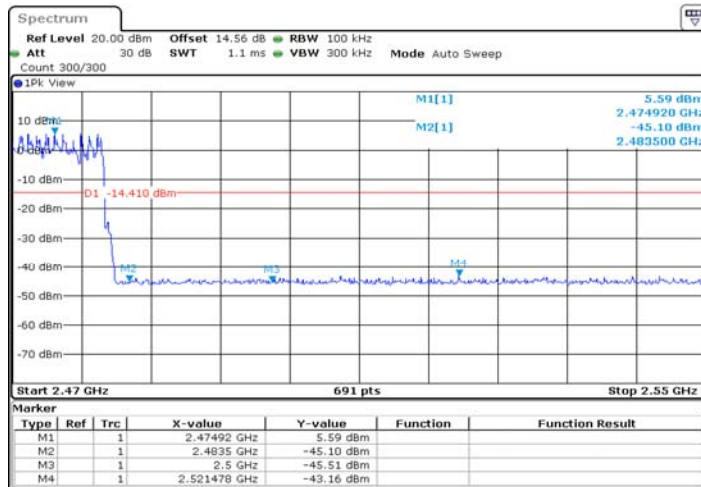
Date: 13,DEC,2019 10:50:33

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



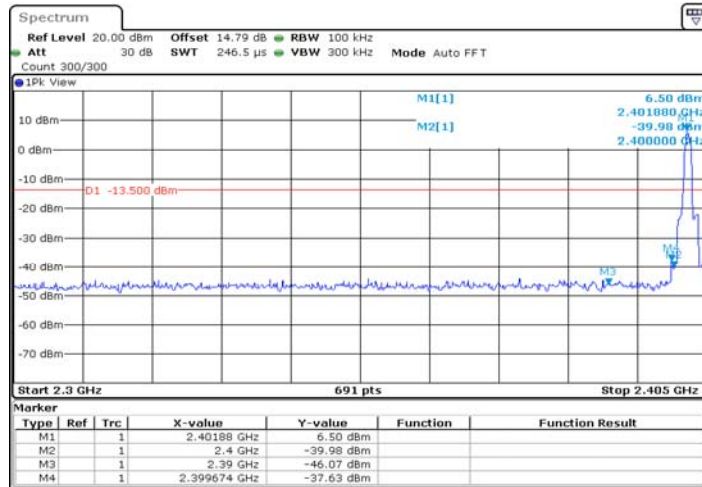
Date: 17,JAN,2020 11:57:44

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



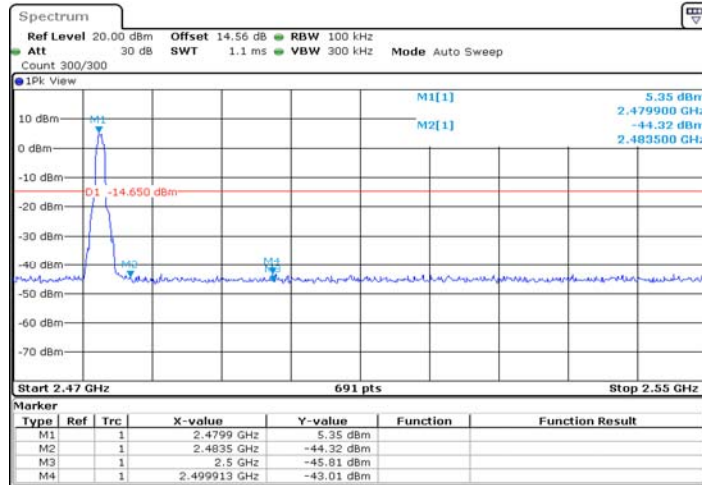
Date: 13,DEC,2019 11:03:35

### 3DH1\_Ant1\_Low\_2402



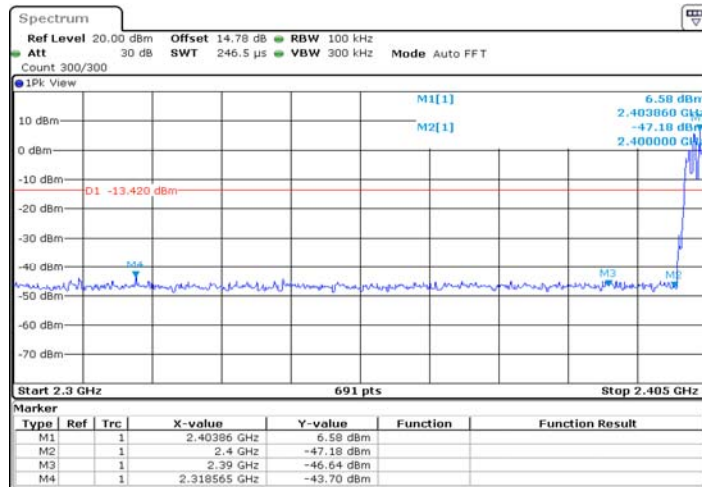
Date: 13,DEC,2019 10:52:19

### 3DH1\_Ant1\_High\_2480



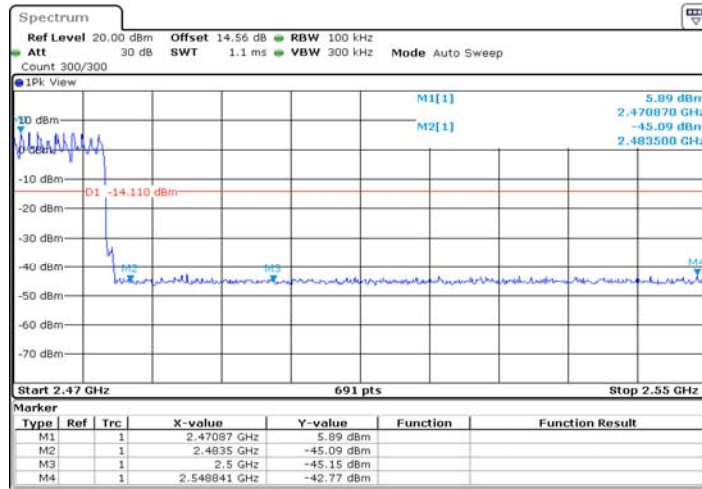
Date: 13,DEC,2019 10:55:29

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



Date: 13,DEC,2019 11:04:28

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



Date: 13,DEC,2019 11:08:02