

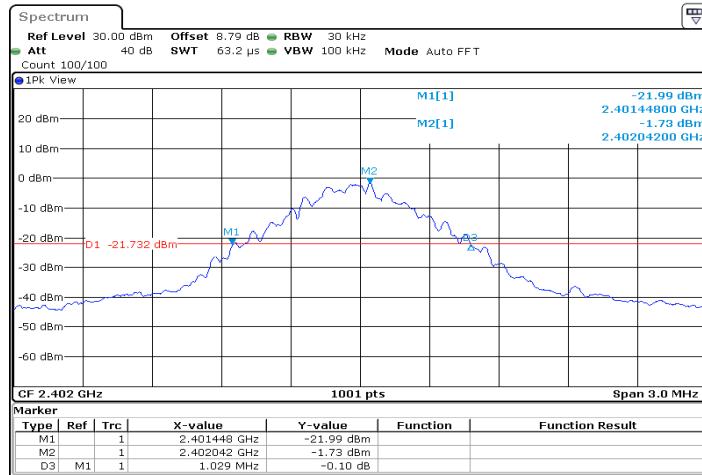
## Appendix A: 20 dB Emission Bandwidth

### Test Result

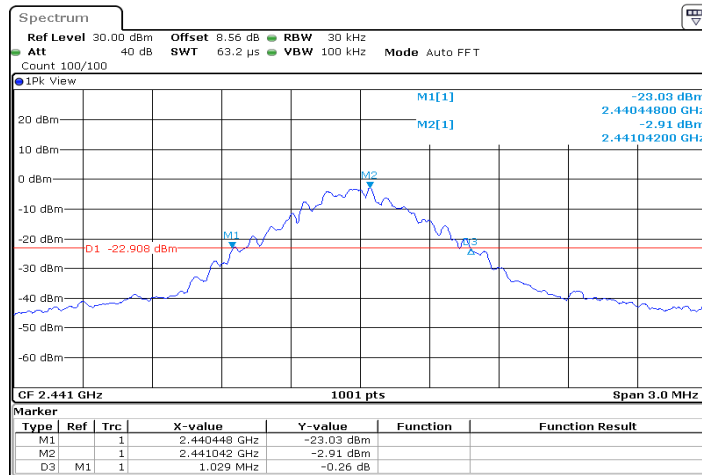
TestMode	Antenna	Channel	20db EBW[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.029	---	PASS
		2441	1.029	---	PASS
		2480	1.032	---	PASS
2DH1	Ant1	2402	1.356	---	PASS
		2441	1.356	---	PASS
		2480	1.356	---	PASS
3DH1	Ant1	2402	1.350	---	PASS
		2441	1.353	---	PASS
		2480	1.353	---	PASS

Test Graphs

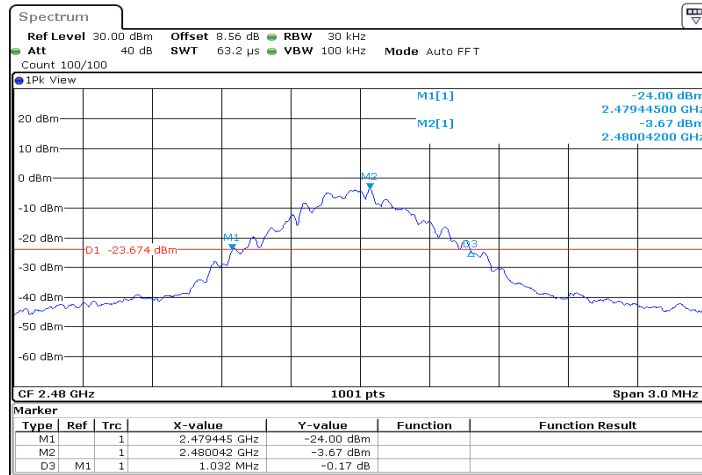
DH1\_Ant1\_2402



DH1\_Ant1\_2441

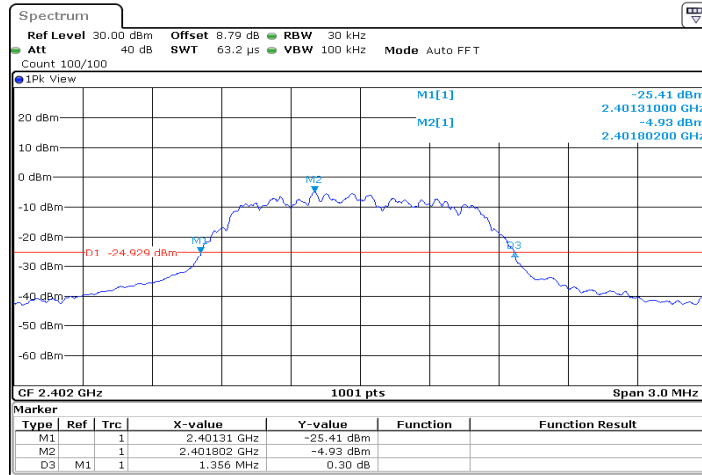


DH1\_Ant1\_2480



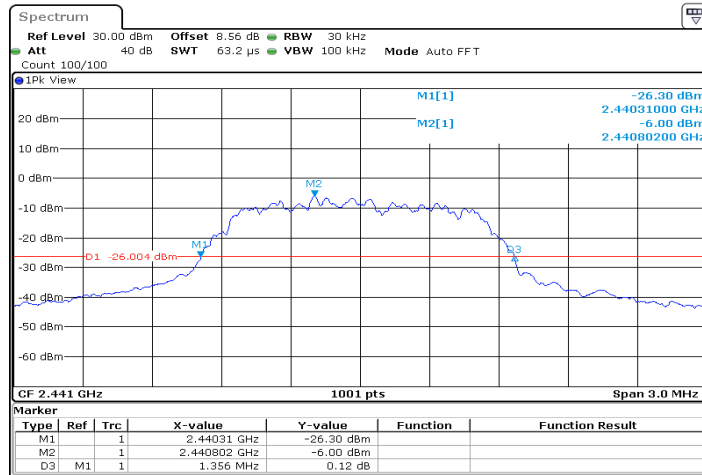
Date: 24.DEC.2019 09:23:23

2DH1\_Ant1\_2402



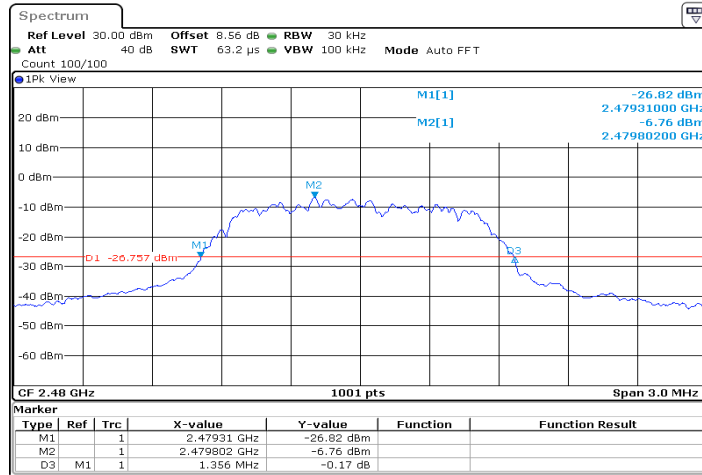
Date: 24.DEC.2019 09:24:53

2DH1\_Ant1\_2441



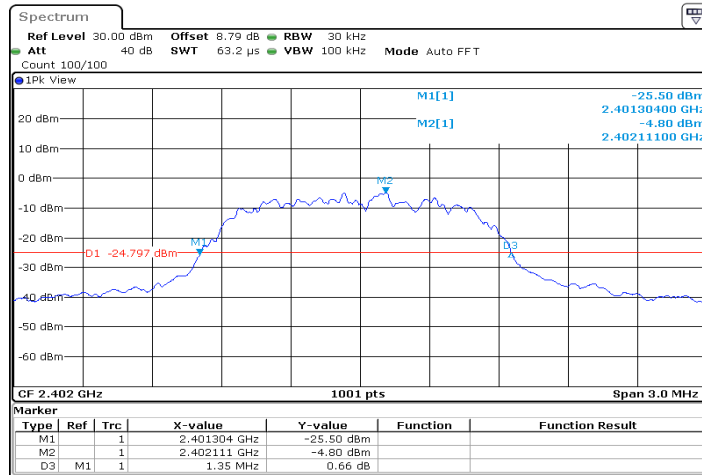
Date: 24.DEC.2019 09:27:38

2DH1\_Ant1\_2480



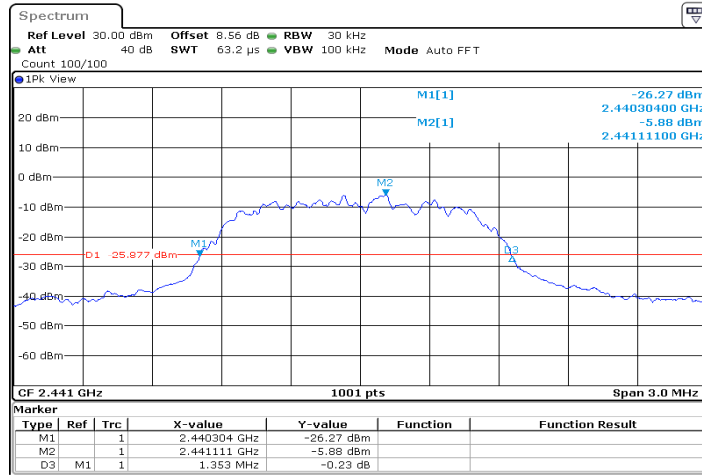
Date: 24.DEC.2019 09:29:05

3DH1\_Ant1\_2402



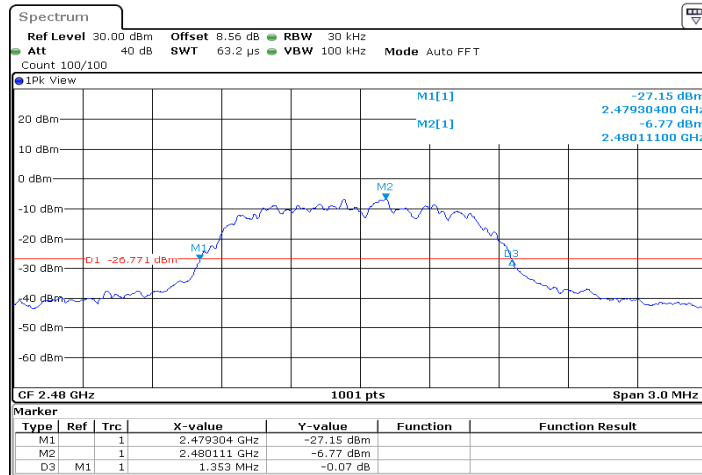
Date: 24.DEC.2019 09:30:28

3DH1\_Ant1\_2441



Date: 24.DEC.2019 09:32:11

3DH1\_Ant1\_2480



Date: 24.DEC.2019 09:33:22

**Appendix B: Maximum conducted output power****Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	1.64	<=20.97	PASS
		2441	0.56	<=20.97	PASS
		2480	-0.1	<=20.97	PASS
2DH1	Ant1	2402	1.60	<=20.97	PASS
		2441	0.55	<=20.97	PASS
		2480	-0.13	<=20.97	PASS
3DH1	Ant1	2402	1.67	<=20.97	PASS
		2441	0.58	<=20.97	PASS
		2480	-0.21	<=20.97	PASS

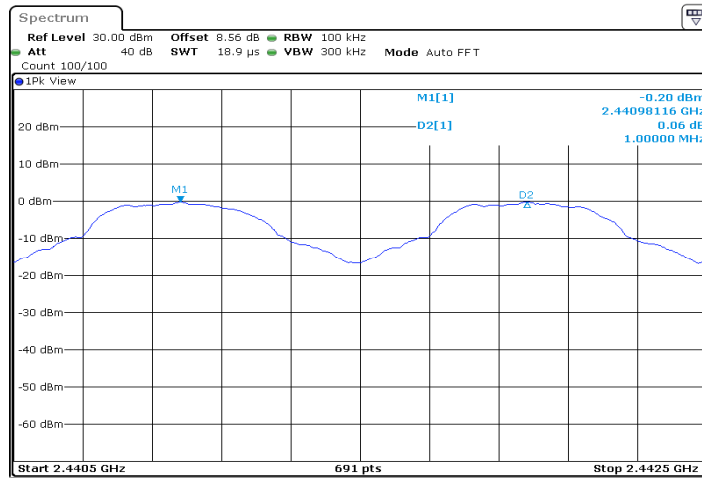
## Appendix C: Carrier frequency separation

### Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1	$\geq 0.688$	PASS
2DH1	Ant1	Hop	1.006	$\geq 0.904$	PASS
3DH1	Ant1	Hop	1	$\geq 0.902$	PASS

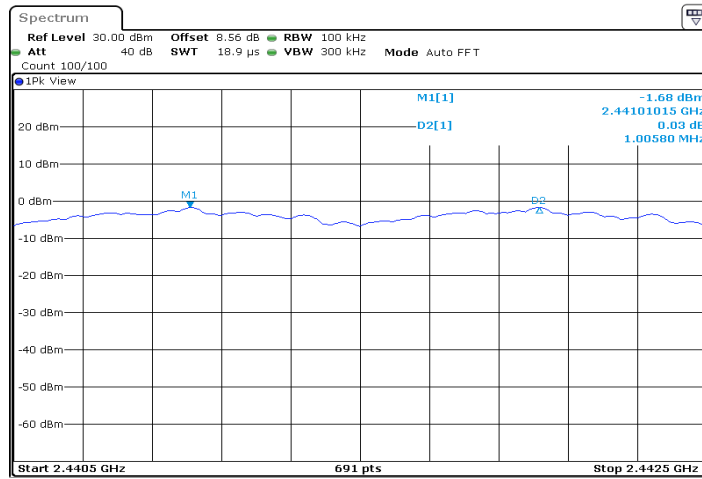
### Test Graphs

#### DH1\_Ant1\_Hop



Date: 24.DEC.2019 09:36:21

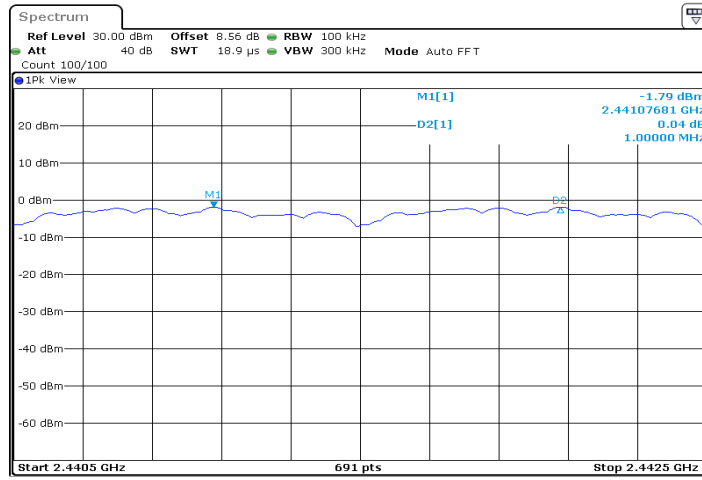
#### 2DH1\_Ant1\_Hop



Date: 24.DEC.2019 09:44:59



3DH1\_Ant1\_Hop



Date: 24.DEC.2019 09:52:09

## Appendix D: Time of occupancy

### Test Result

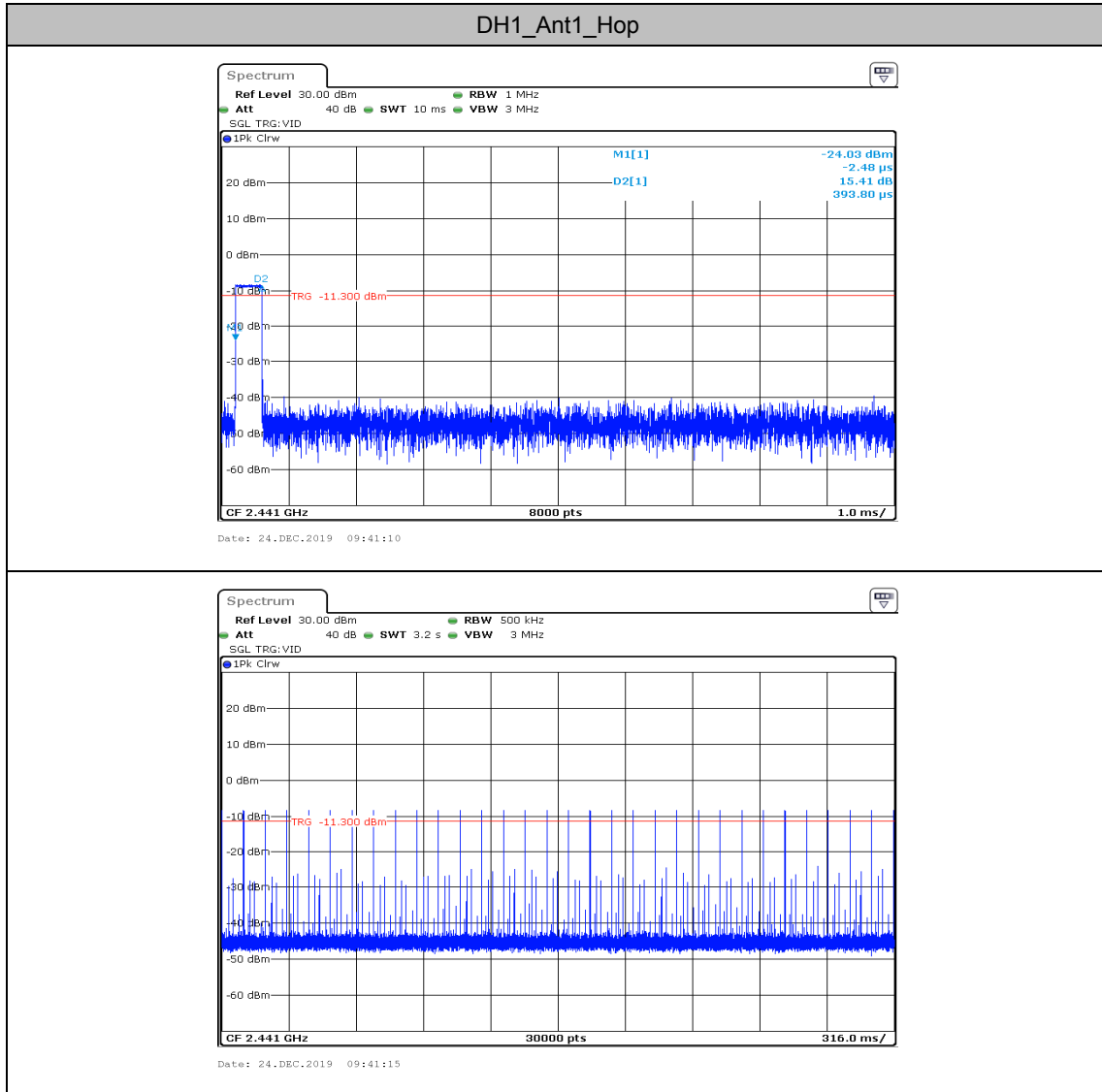
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	320	0.126	<=0.4	PASS
DH3	Ant1	Hop	1.65	160	0.264	<=0.4	PASS
DH5	Ant1	Hop	2.91	110	0.32	<=0.4	PASS
2DH1	Ant1	Hop	0.37	320	0.12	<=0.4	PASS
2DH3	Ant1	Hop	1.66	160	0.266	<=0.4	PASS
2DH5	Ant1	Hop	2.92	110	0.321	<=0.4	PASS
3DH1	Ant1	Hop	0.37	320	0.12	<=0.4	PASS
3DH3	Ant1	Hop	1.64	160	0.262	<=0.4	PASS
3DH5	Ant1	Hop	2.91	110	0.32	<=0.4	PASS

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

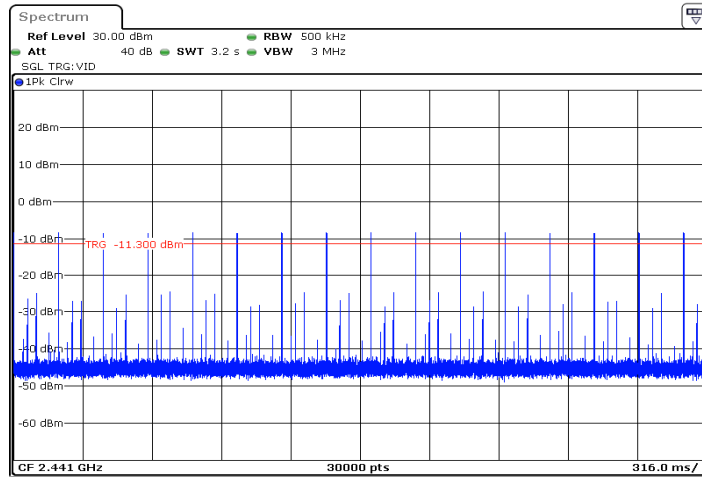
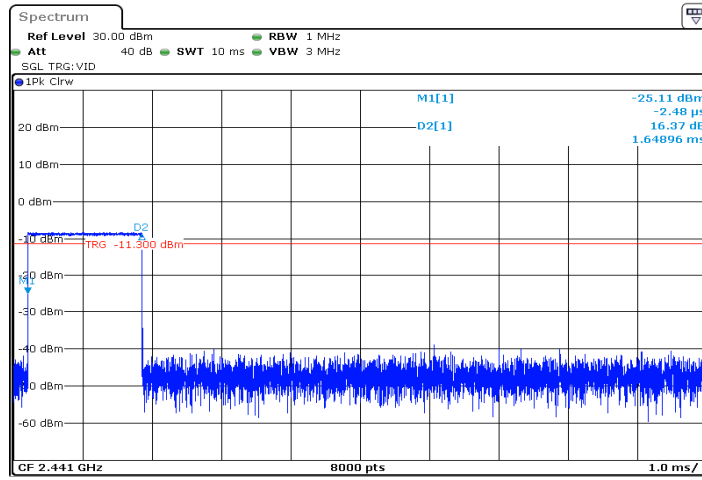
Note 2: Hopping Number=Hopping Number in  $3.16s \times 10$

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

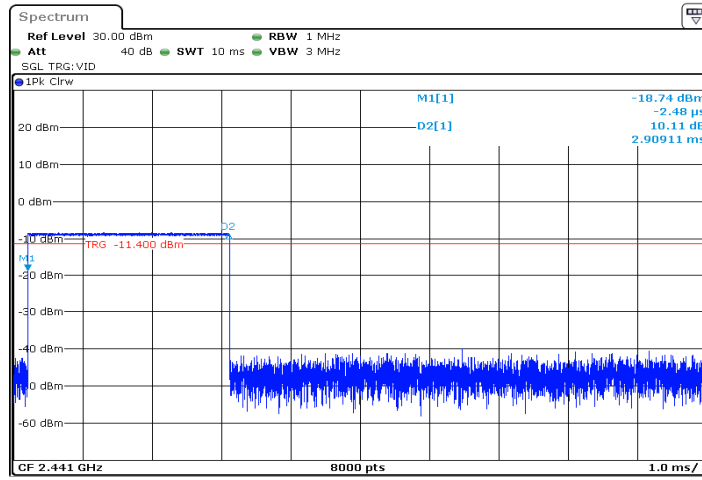
### Test Graphs



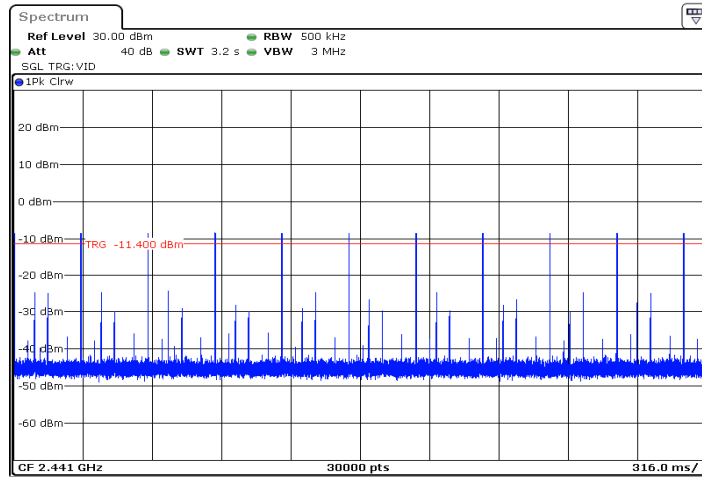
DH3\_Ant1\_Hop



DH5\_Ant1\_Hop

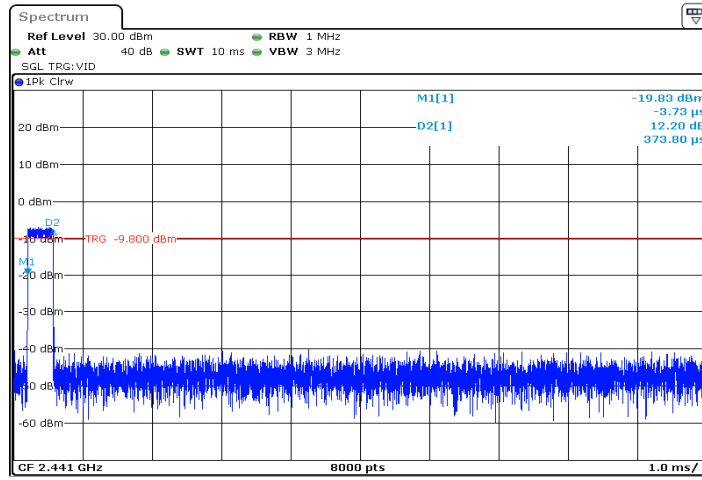


Date: 24.DEC.2019 09:43:11

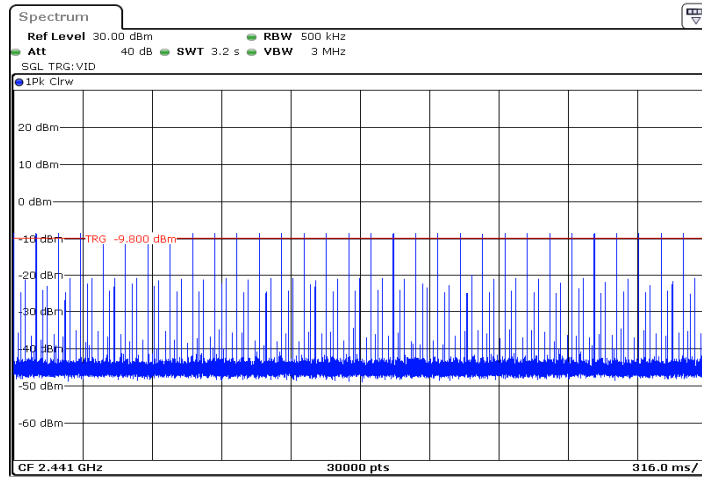


Date: 24.DEC.2019 09:43:17

2DH1\_Ant1\_Hop

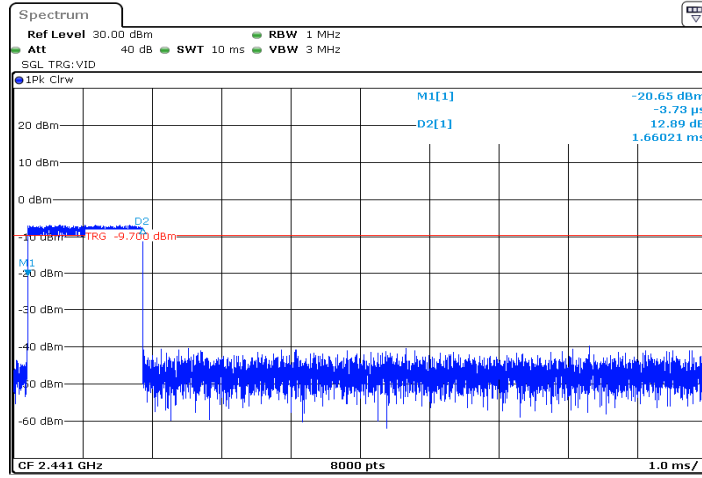


Date: 24.DEC.2019 09:46:58

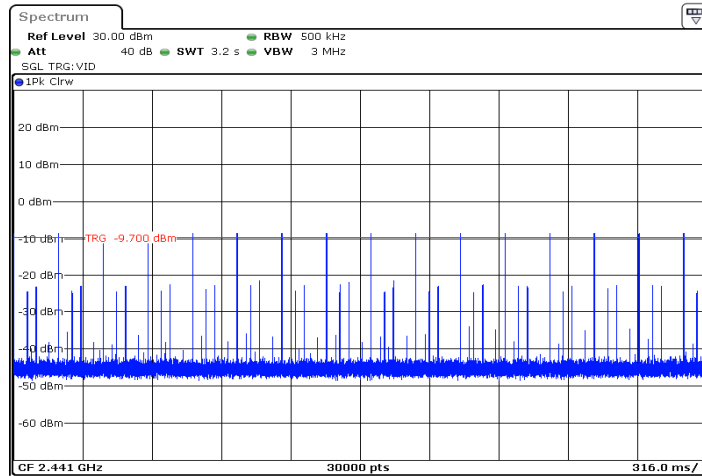


Date: 24.DEC.2019 09:47:04

2DH3\_Ant1\_Hop

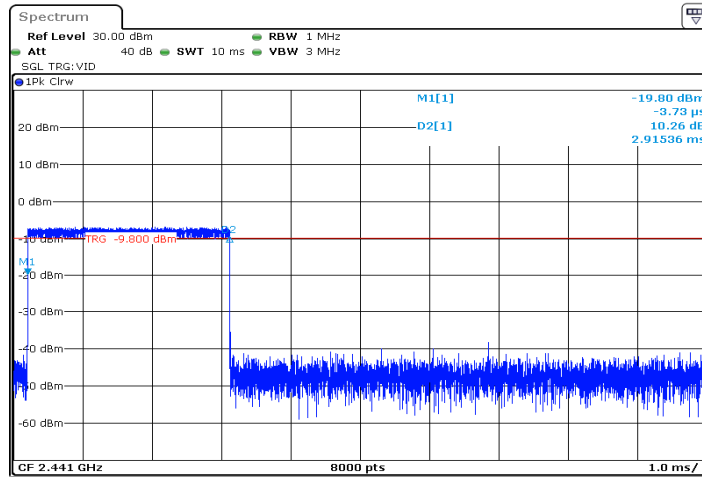


Date: 24.DEC.2019 09:47:56

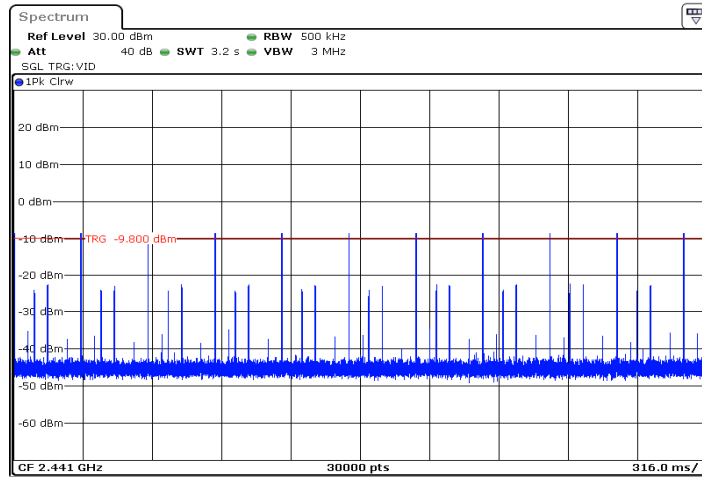


Date: 24.DEC.2019 09:48:01

2DH5\_Ant1\_Hop



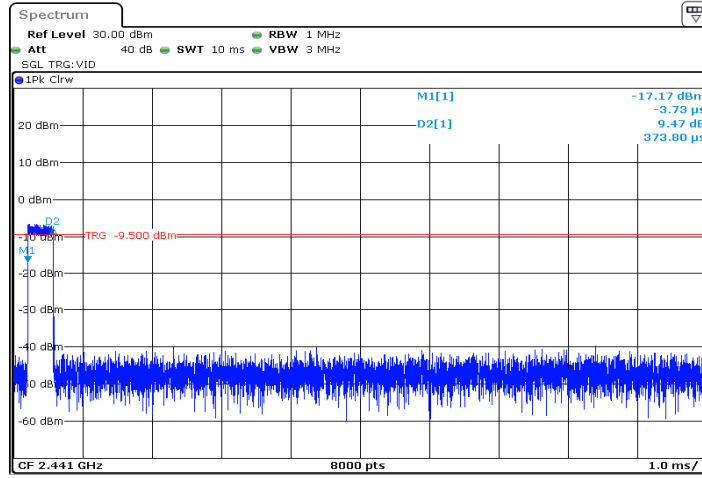
Date: 24.DEC.2019 09:48:38



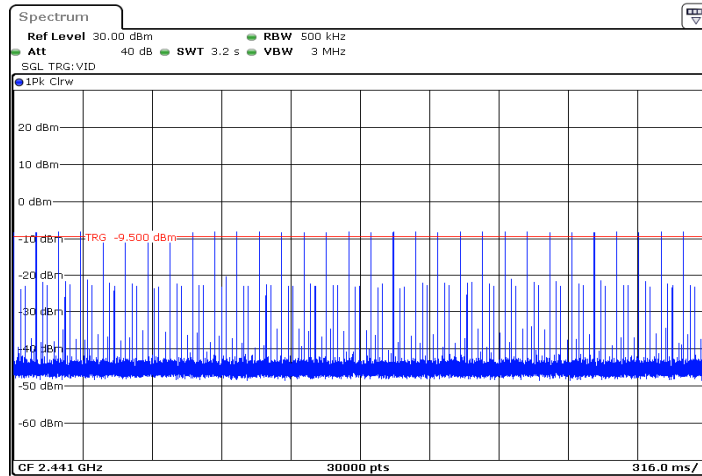
Date: 24.DEC.2019 09:48:43



3DH1\_Ant1\_Hop

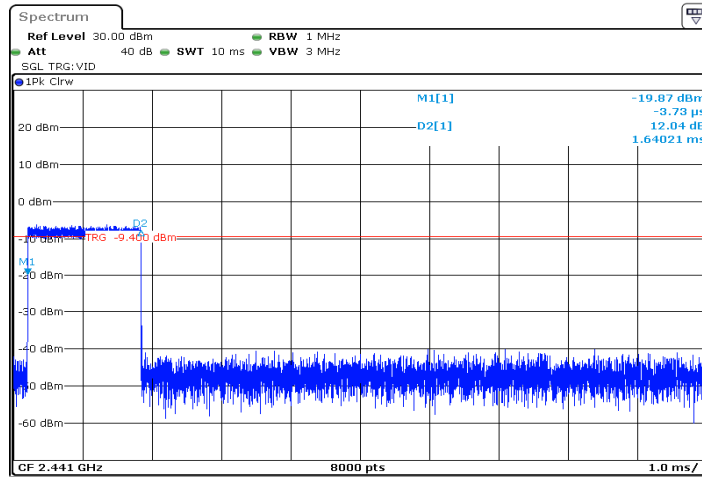


Date: 24.DEC.2019 09:54:08

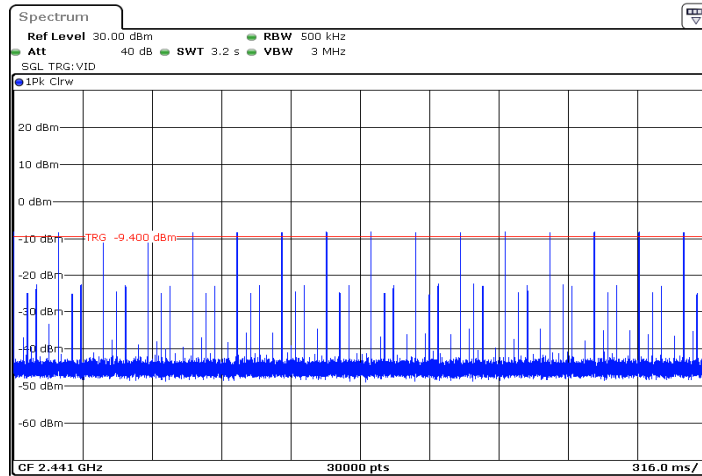


Date: 24.DEC.2019 09:54:14

3DH3\_Ant1\_Hop

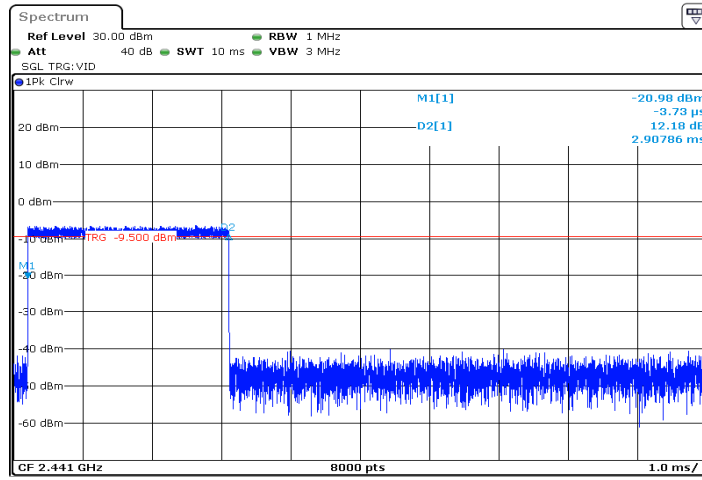


Date: 24.DEC.2019 09:55:06

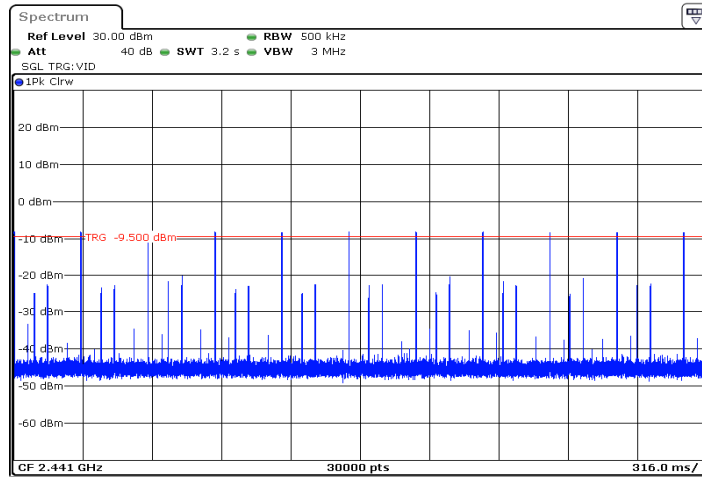


Date: 24.DEC.2019 09:55:12

3DH5\_Ant1\_Hop



Date: 24.DEC.2019 10:00:37



Date: 24.DEC.2019 10:00:43

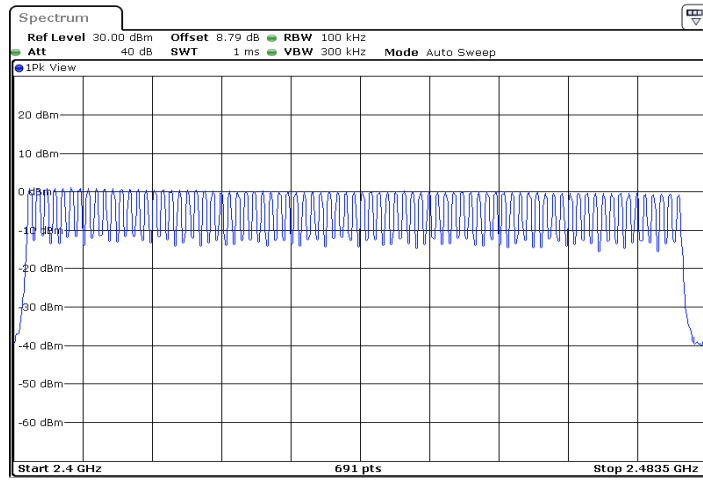
## Appendix E: Number of hopping channels

### Test Result

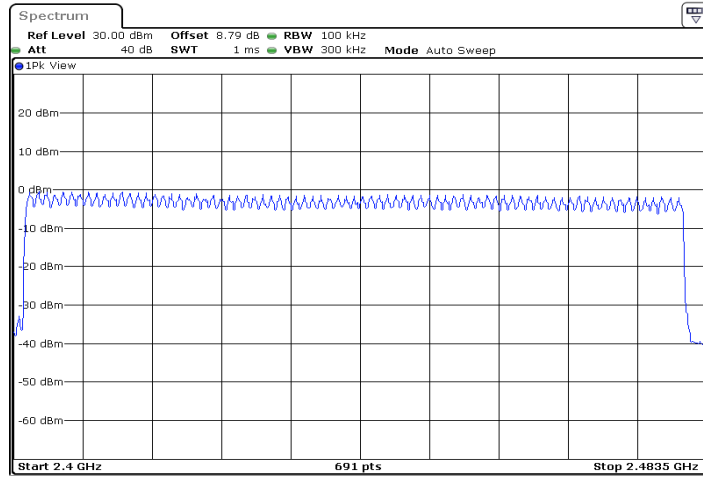
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	$\geq 15$	PASS
2DH1	Ant1	Hop	79	$\geq 15$	PASS
3DH1	Ant1	Hop	79	$\geq 15$	PASS

### Test Graphs

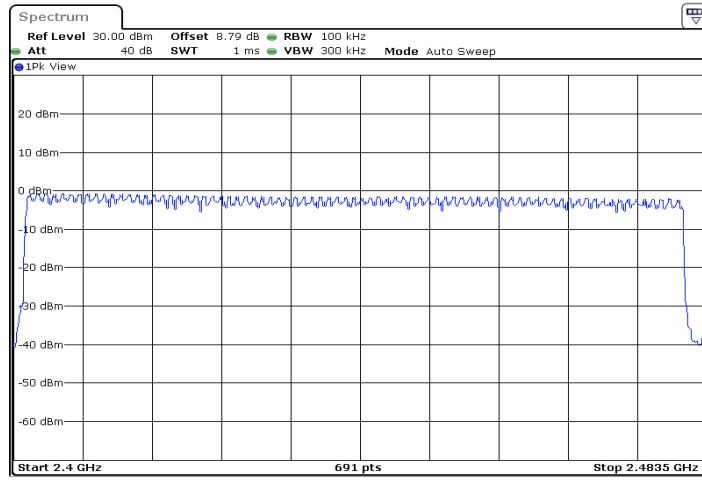
#### DH1\_Ant1\_Hop



#### 2DH1\_Ant1\_Hop



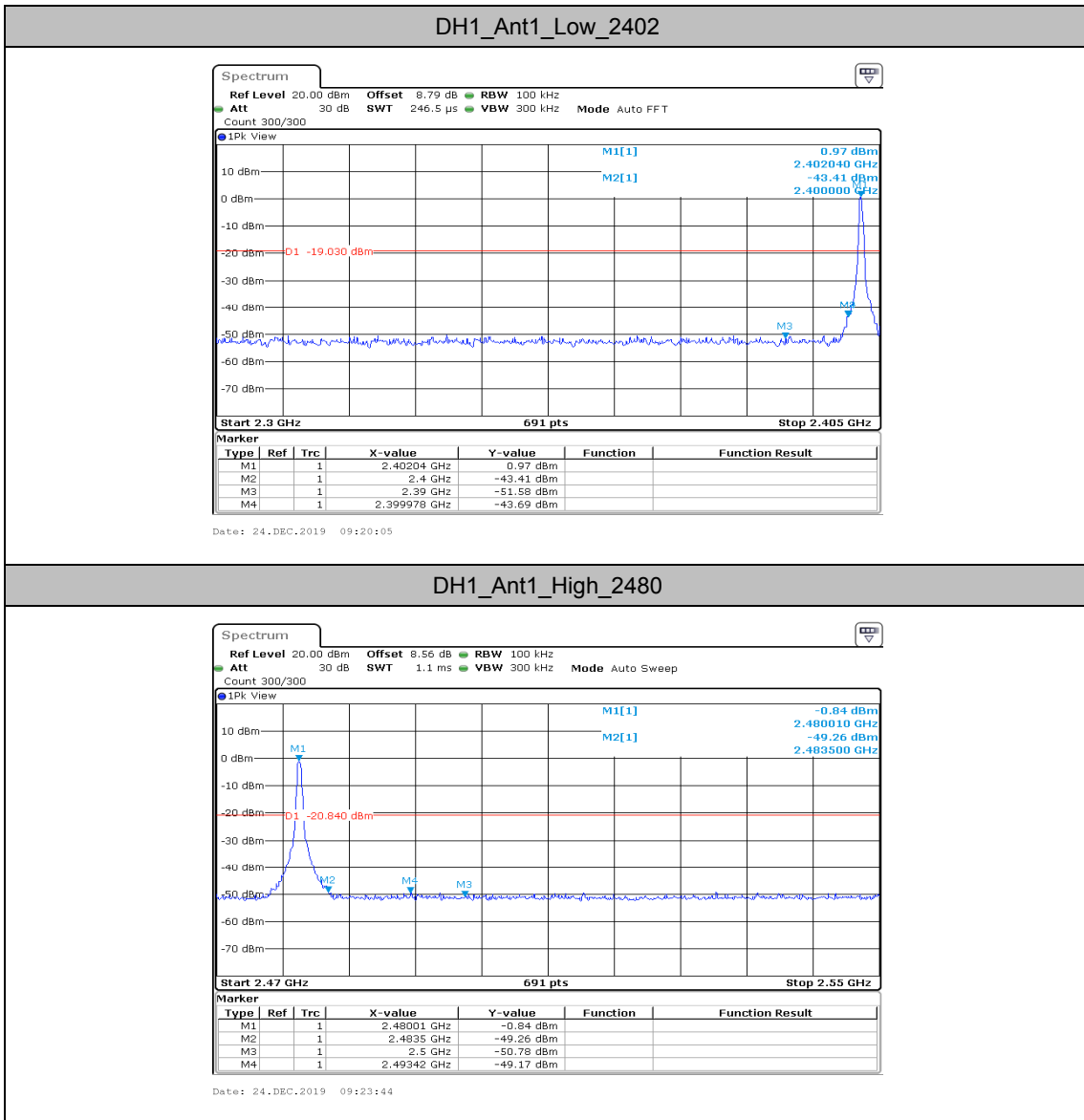
3DH1\_Ant1\_Hop



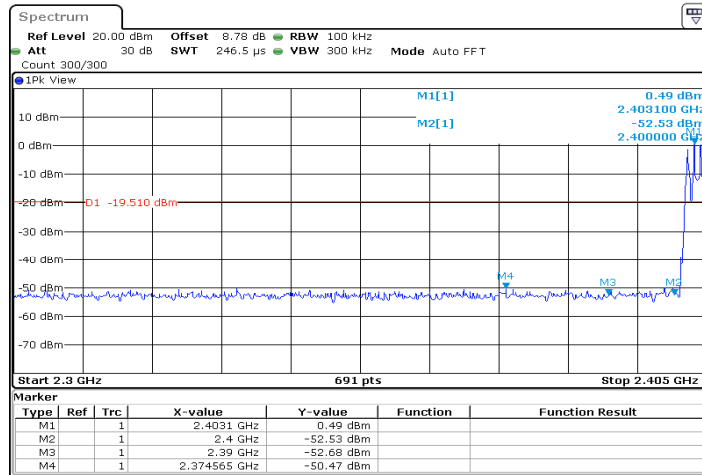
Date: 24.DEC.2019 09:53:56

# Appendix F: Band edge measurements

## Test Graphs

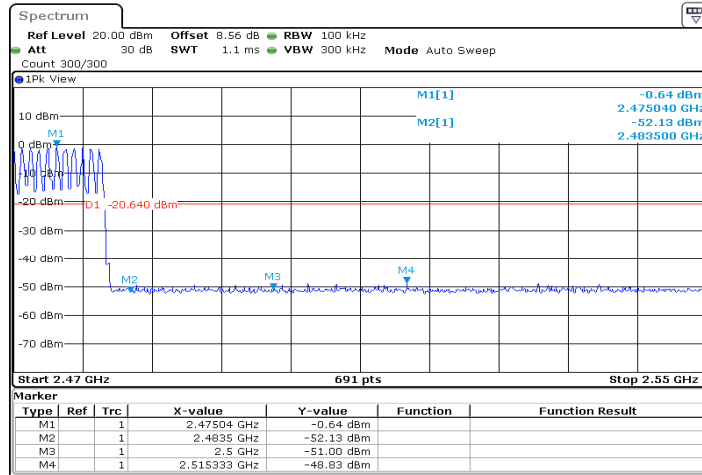


DH1\_Ant1\_Low\_Hop\_2402



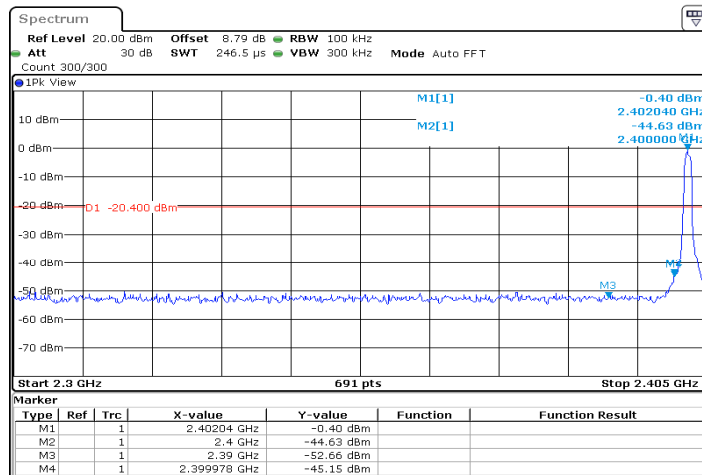
Date: 24.DEC.2019 09:35:18

DH1\_Ant1\_High\_Hop\_2480



Date: 24.DEC.2019 09:41:28

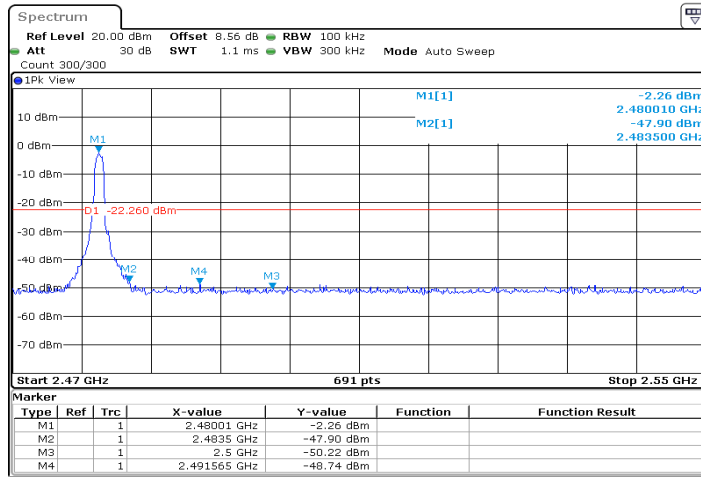
2DH1\_Ant1\_Low\_2402



Date: 24.DEC.2019 09:25:13

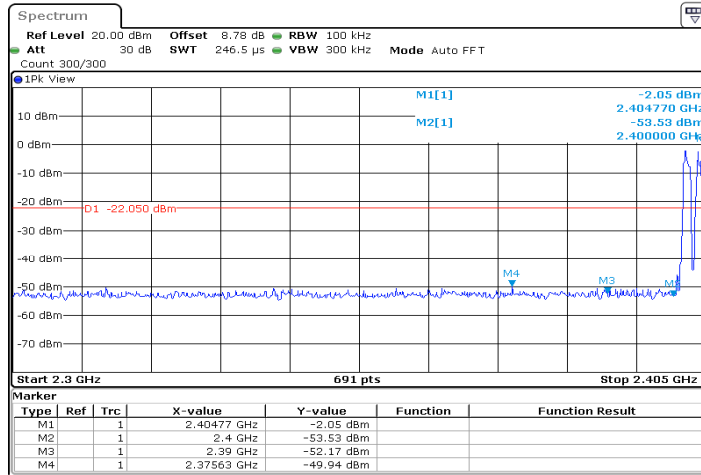


2DH1\_Ant1\_High\_2480



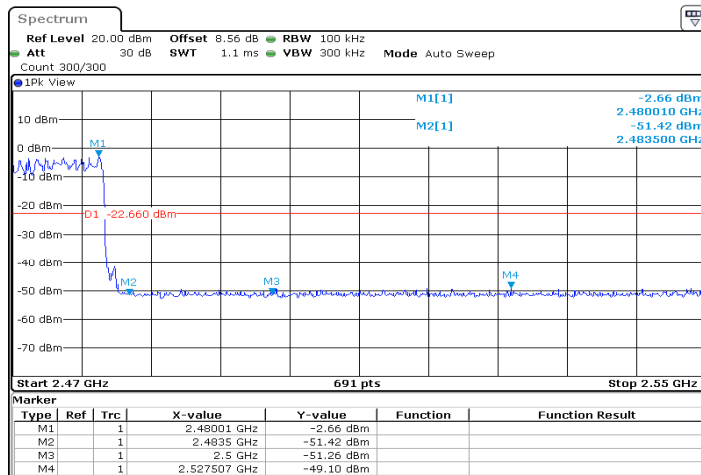
Date: 24.DEC.2019 09:29:26

2DH1\_Ant1\_Low\_Hop\_2402



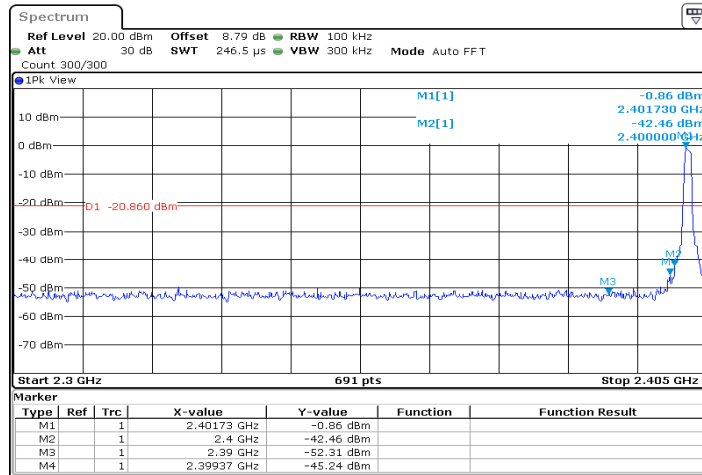
Date: 24.DEC.2019 09:43:59

2DH1\_Ant1\_High\_Hop\_2480

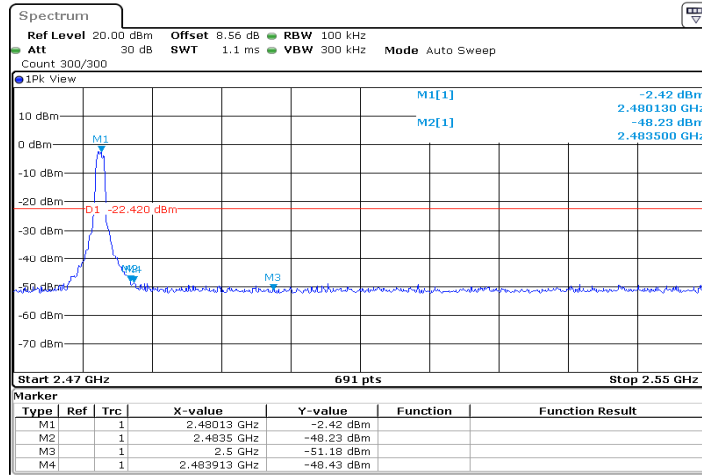


Date: 24.DEC.2019 09:47:17

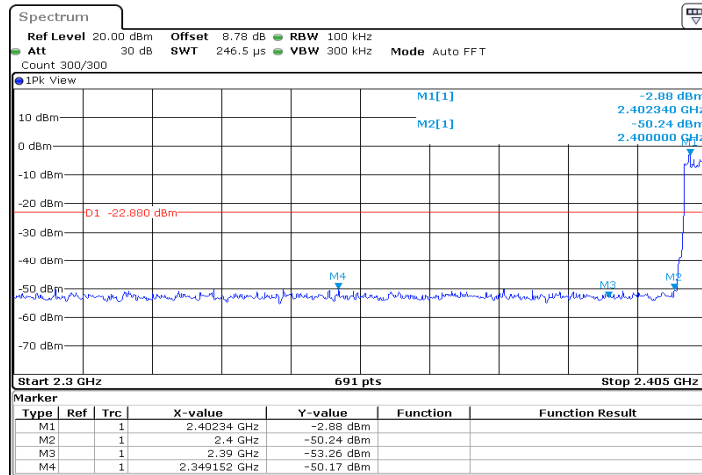
3DH1\_Ant1\_Low\_2402



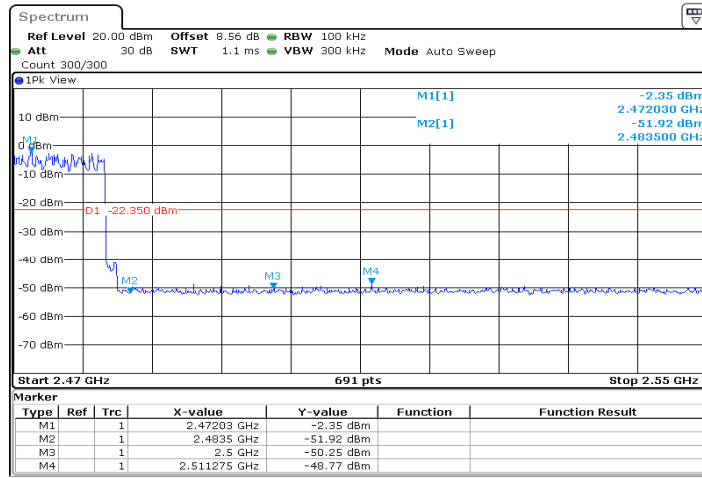
3DH1\_Ant1\_High\_2480



3DH1\_Ant1\_Low\_Hop\_2402



3DH1\_Ant1\_High\_Hop\_2480



Date: 24.DEC.2019 09:54:27