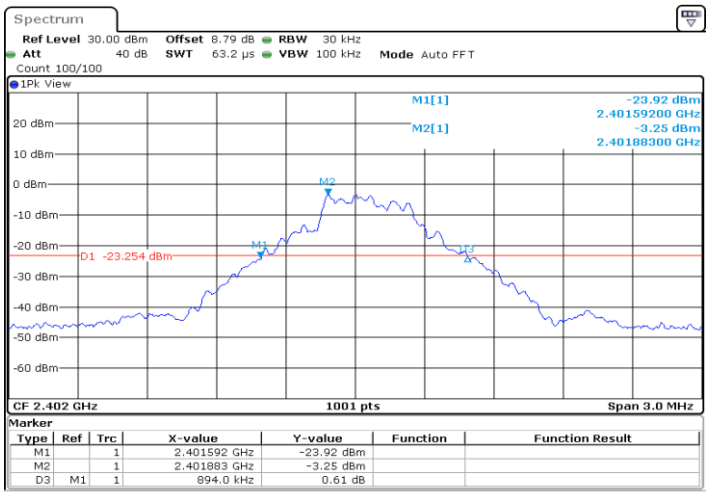
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.894	---	PASS
		2441	0.897	---	PASS
		2480	0.894	---	PASS
2DH1	Ant1	2402	1.296	---	PASS
		2441	1.296	---	PASS
		2480	1.293	---	PASS
3DH1	Ant1	2402	1.254	---	PASS
		2441	1.254	---	PASS
		2480	1.251	---	PASS

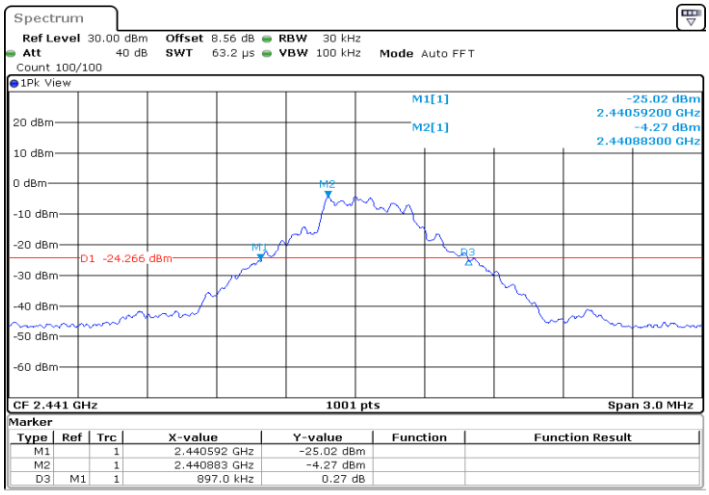
Test Graphs

DH1_Ant1_2402



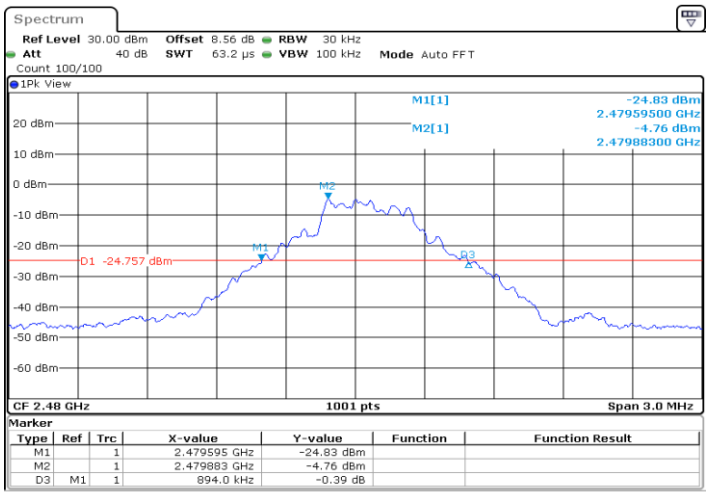
Date: 23.APR.2020 10:18:30

DH1_Ant1_2441



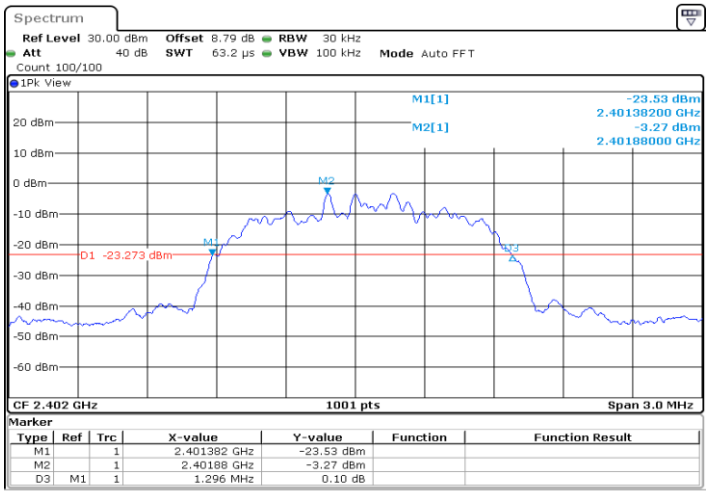
Date: 23.APR.2020 10:20:00

DH1_Ant1_2480



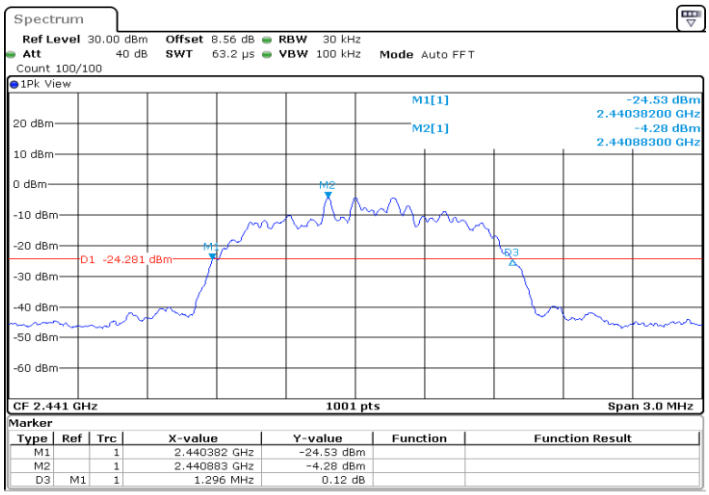
Date: 23.APR.2020 10:21:18

2DH1_Ant1_2402



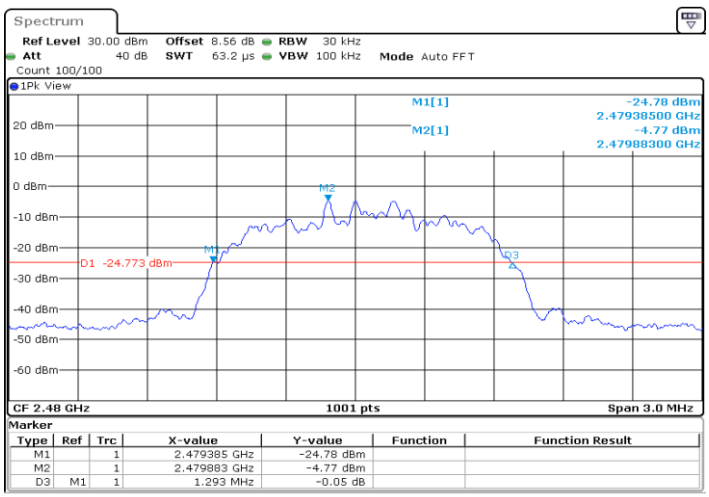
Date: 23.APR.2020 10:22:54

2DH1_Ant1_2441



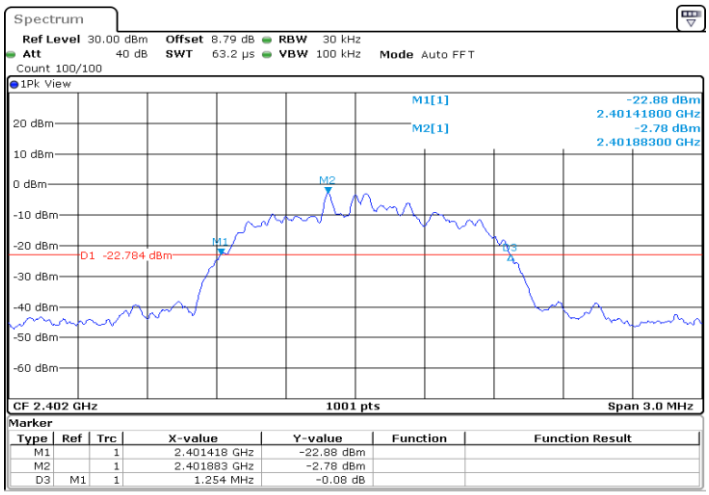
Date: 23.APR.2020 10:24:31

2DH1_Ant1_2480



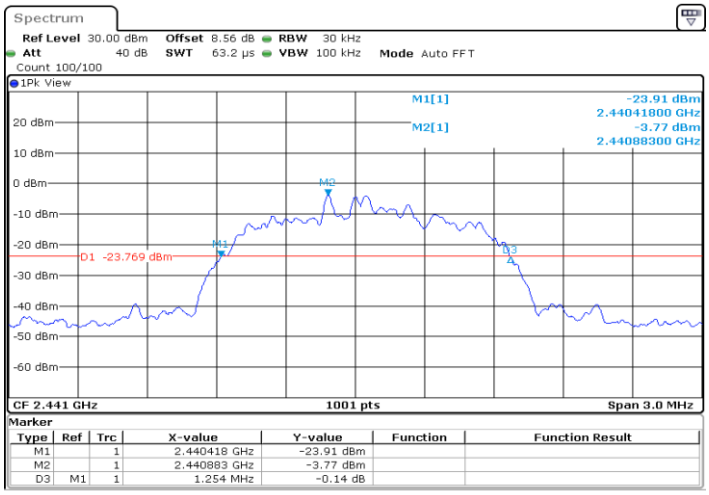
Date: 23.APR.2020 10:25:43

3DH1_Ant1_2402



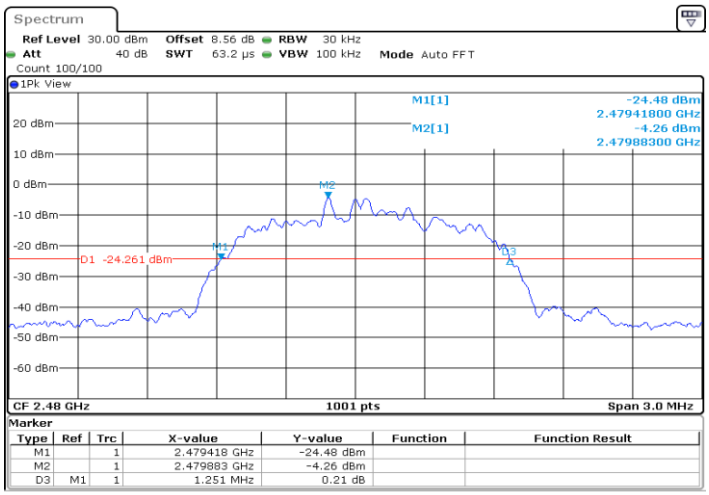
Date: 23.APR.2020 10:27:10

3DH1_Ant1_2441



Date: 23.APR.2020 10:29:10

3DH1_Ant1_2480



Date: 23.APR.2020 10:30:20

Appendix B: Maximum conducted Peak output power

Test Result

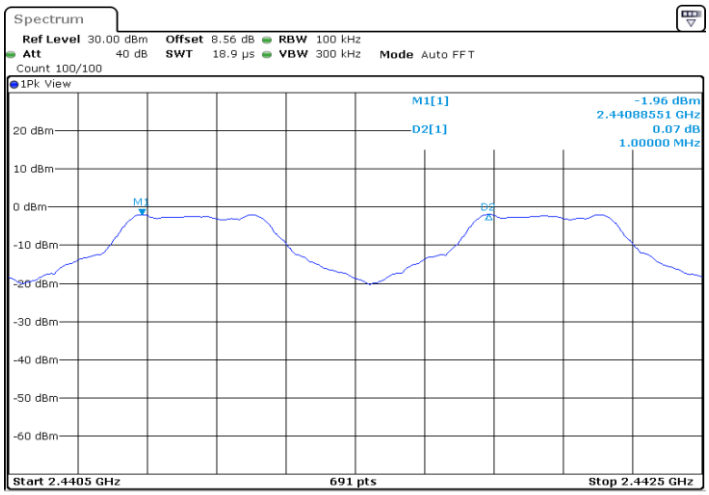
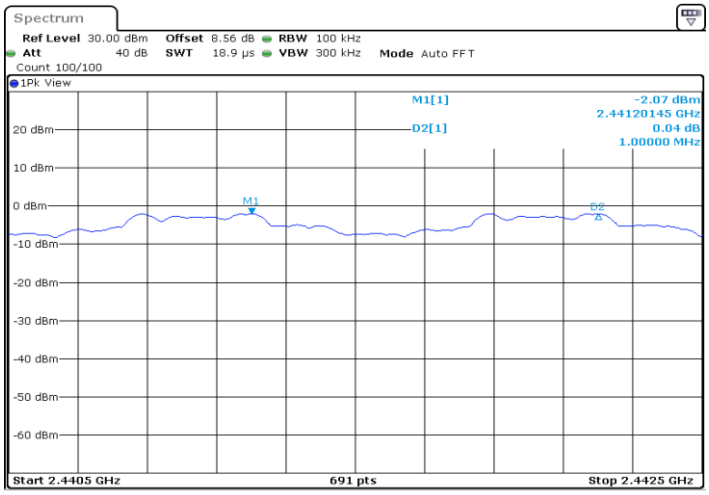
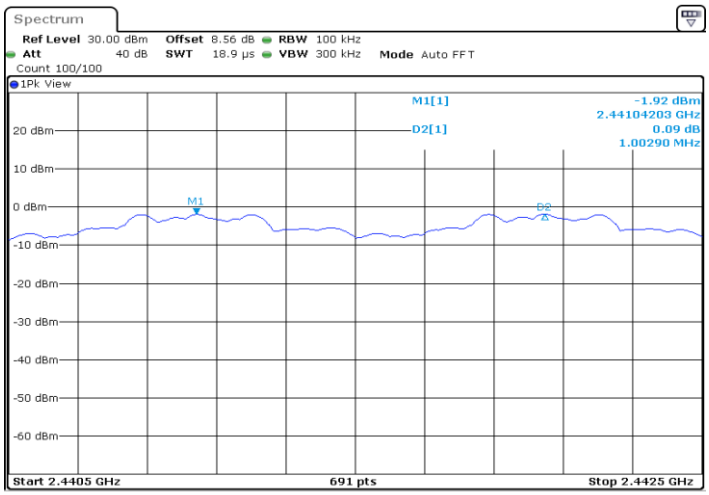
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-0.43	<=20.97	PASS
		2441	-1.17	<=20.97	PASS
		2480	-1.73	<=20.97	PASS
2DH1	Ant1	2402	1.74	<=20.97	PASS
		2441	0.76	<=20.97	PASS
		2480	0.24	<=20.97	PASS
3DH1	Ant1	2402	2.43	<=20.97	PASS
		2441	1.50	<=20.97	PASS
		2480	0.92	<=20.97	PASS

Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.000	>=0.596	PASS
2DH1	Ant1	Hop	1.000	>=0.862	PASS
3DH1	Ant1	Hop	1.003	>=0.834	PASS

Test Graphs

DH1_Ant1_Hop
 Date: 23.APR.2020 10:32:34
2DH1_Ant1_Hop
 Date: 23.APR.2020 10:37:26
3DH1_Ant1_Hop
 Date: 23.APR.2020 10:42:46

Appendix D: Time of occupancy

Test Result

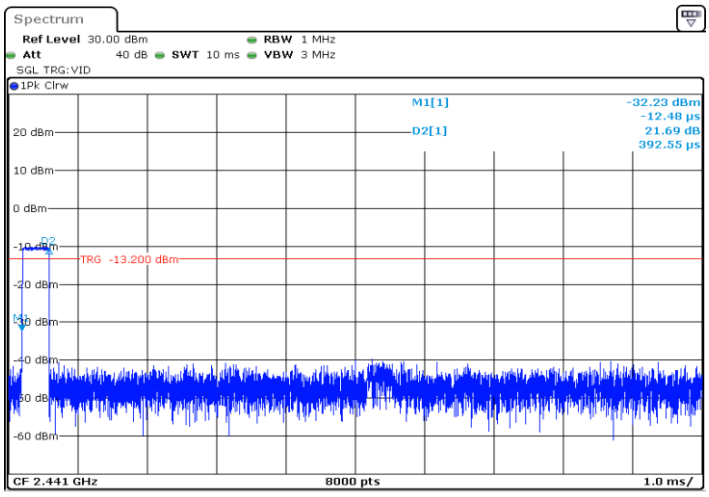
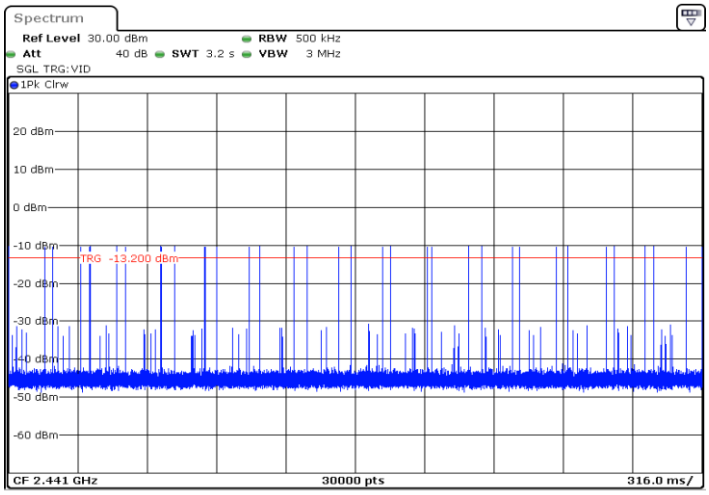
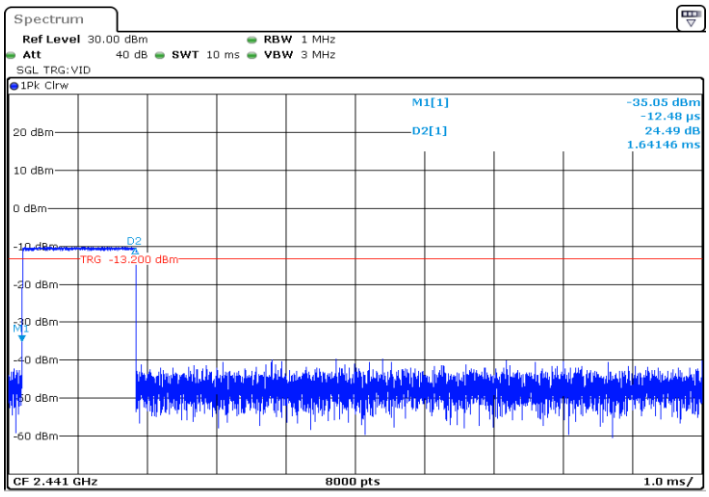
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	320	0.126	<=0.4	PASS
DH3	Ant1	Hop	1.64	120	0.197	<=0.4	PASS
DH5	Ant1	Hop	2.88	120	0.346	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	<=0.4	PASS
2DH3	Ant1	Hop	1.65	160	0.263	<=0.4	PASS
2DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS
3DH1	Ant1	Hop	0.40	320	0.129	<=0.4	PASS
3DH3	Ant1	Hop	1.65	150	0.247	<=0.4	PASS
3DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS

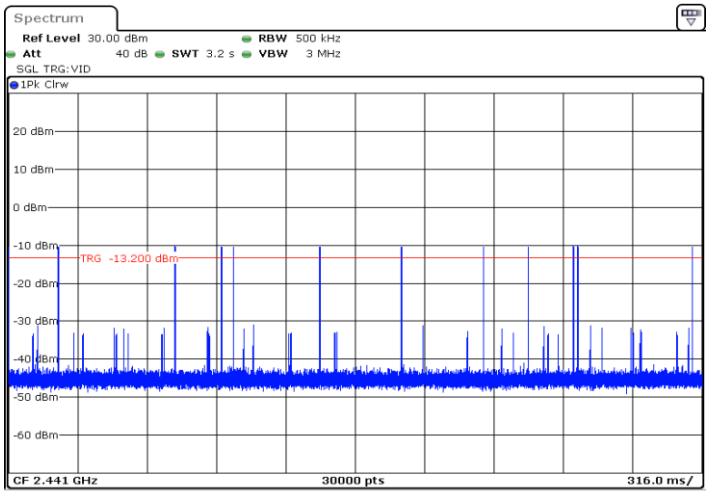
Note 1：A period time=0.4*79=31.6(S), Result=BurstWidth*Totalhops

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)

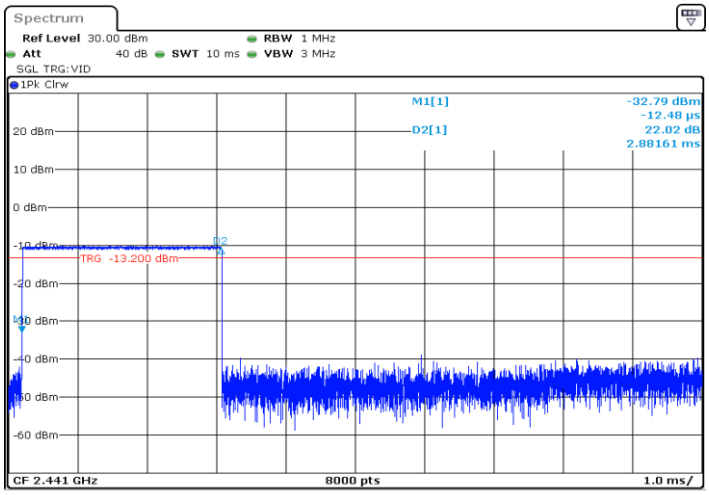
Test Graphs

DH1_Ant1_Hop


DH3_Ant1_Hop


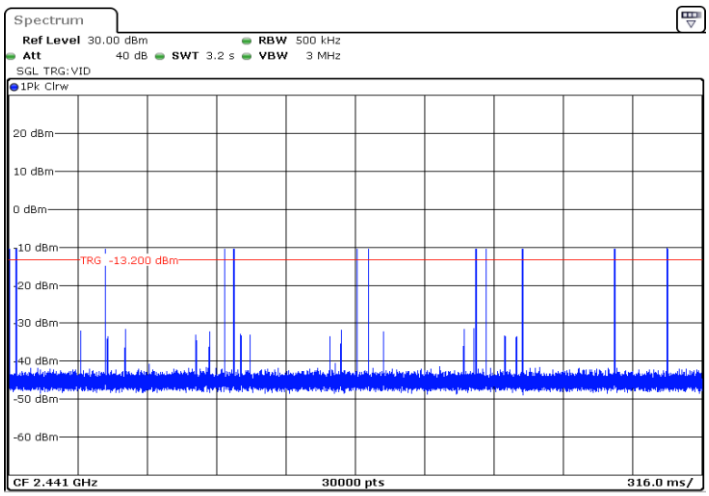


Date: 23.APR.2020 10:34:32

DH5_Ant1_Hop

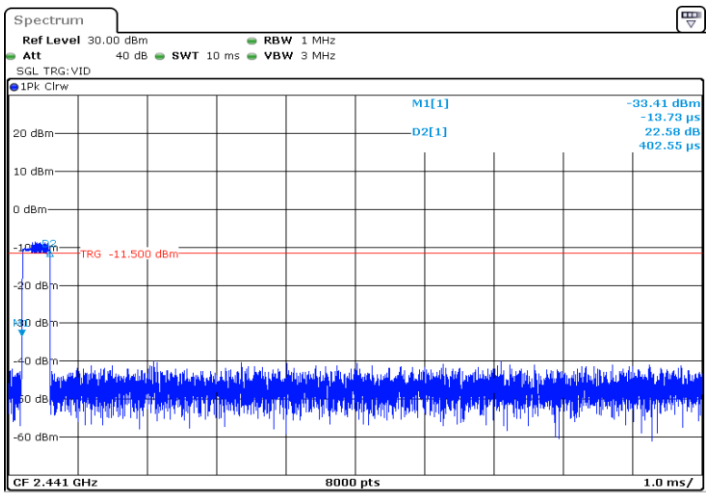


Date: 23.APR.2020 10:35:41

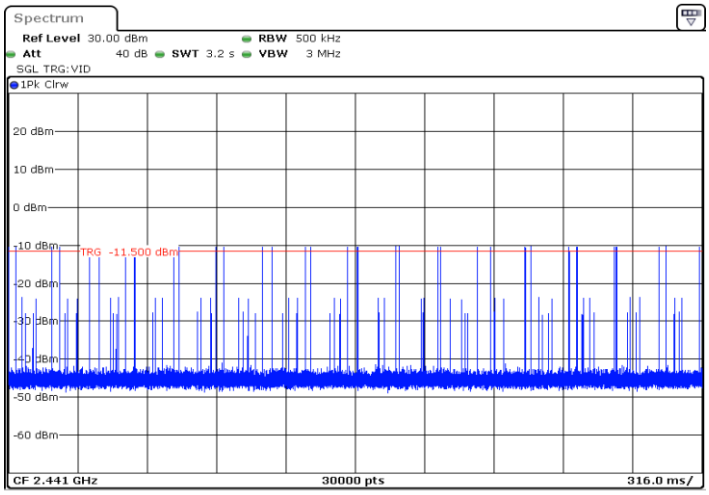


Date: 23.APR.2020 10:35:47

2DH1_Ant1_Hop

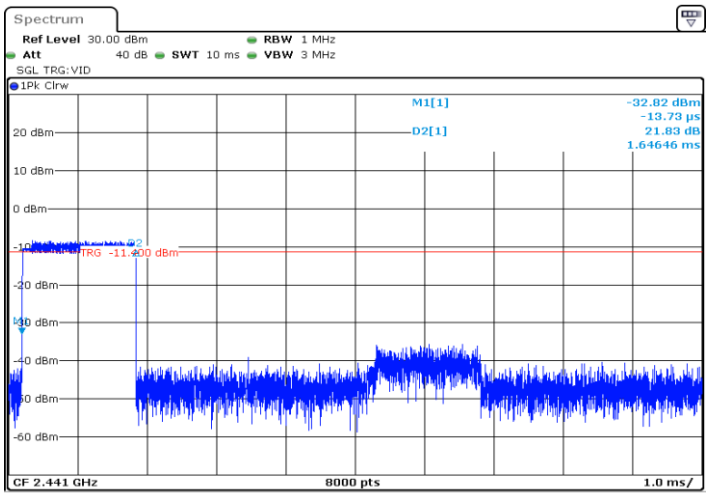


Date: 23.APR.2020 10:38:07

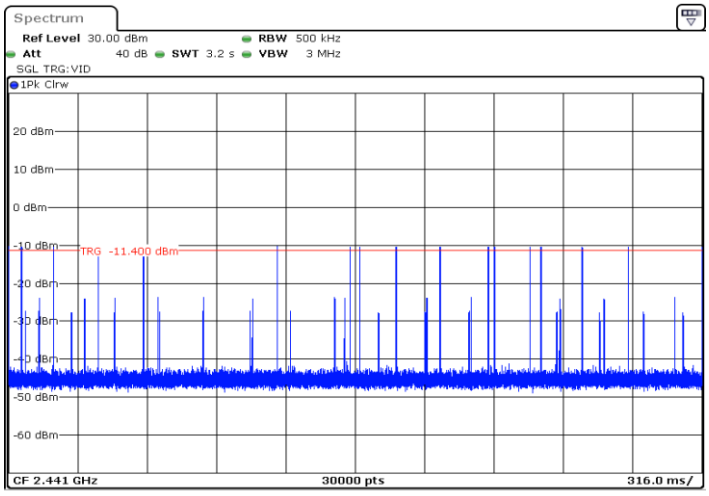


Date: 23.APR.2020 10:38:12

2DH3_Ant1_Hop

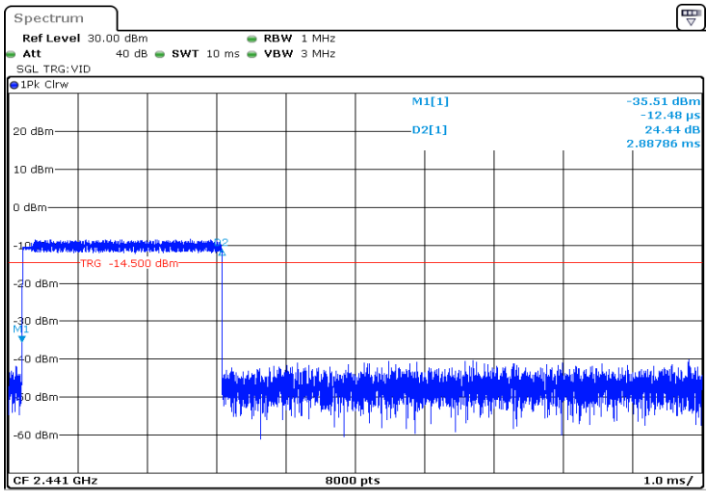


Date: 23.APR.2020 10:39:34

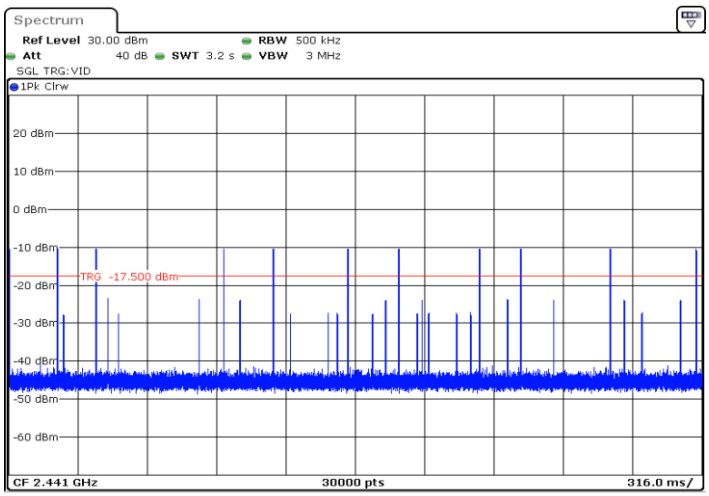


Date: 23.APR.2020 10:39:40

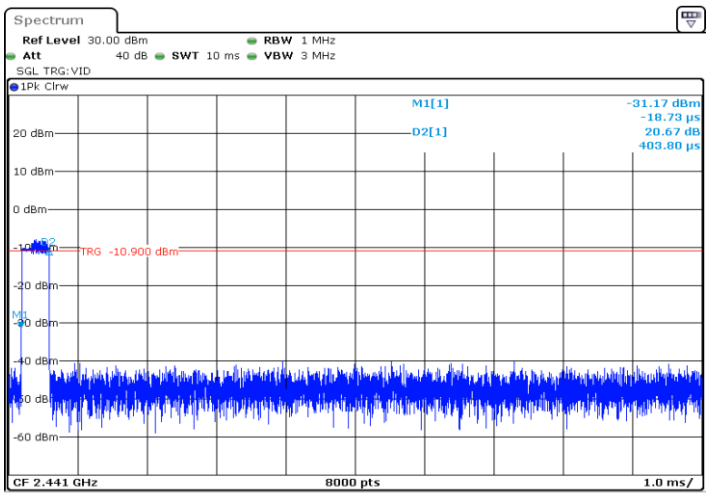
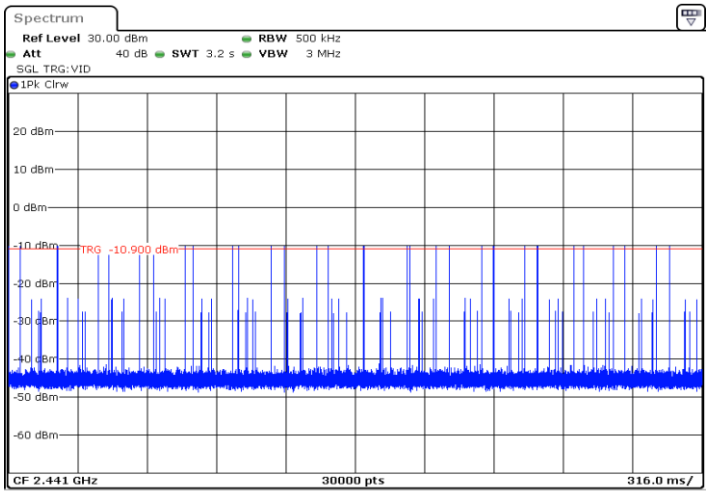
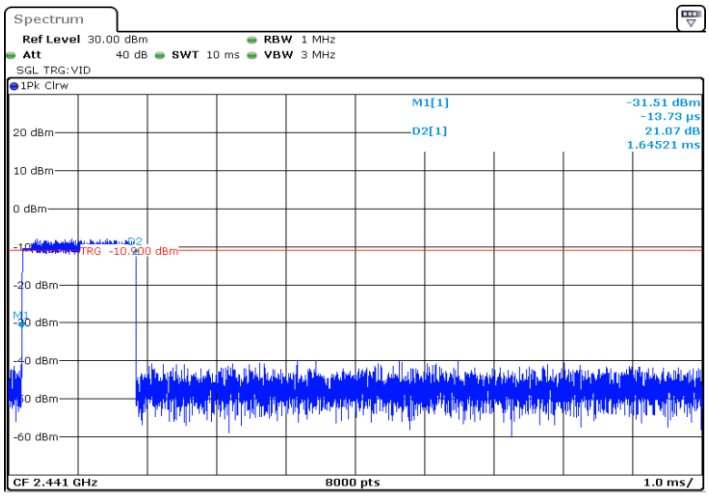
2DH5_Ant1_Hop

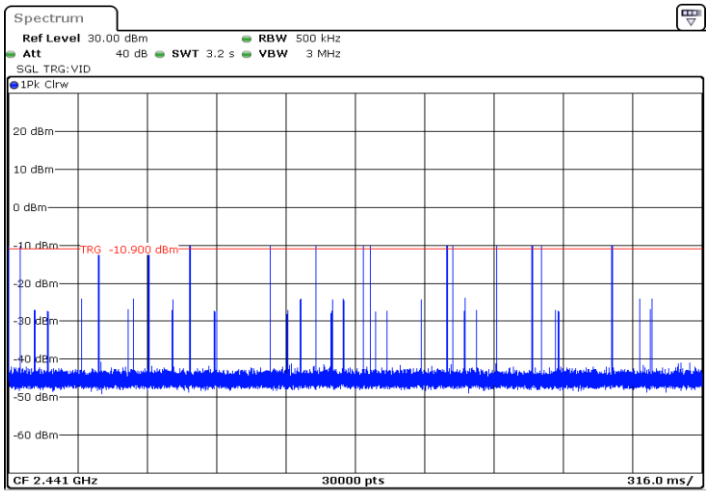


Date: 23.APR.2020 10:40:27



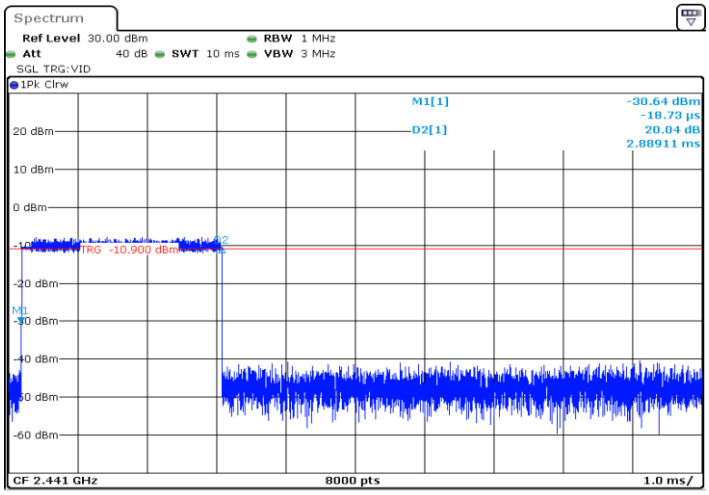
Date: 23.APR.2020 10:40:33

3DH1_Ant1_Hop


3DH3_Ant1_Hop


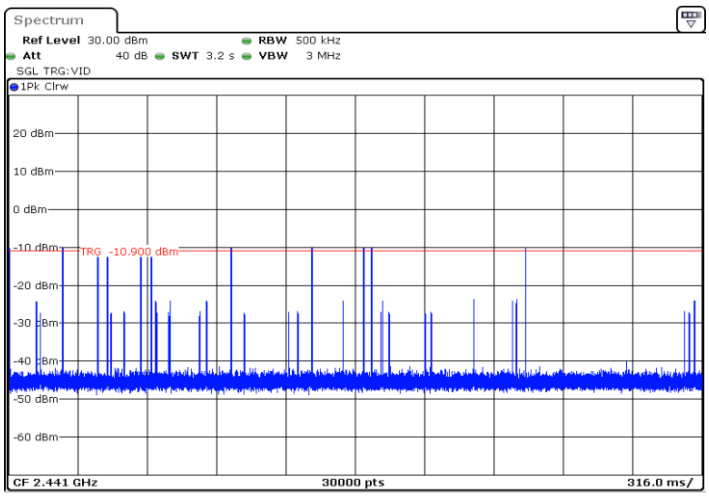


Date: 23.APR.2020 10:45:51

3DH5_Ant1_Hop



Date: 23.APR.2020 10:46:53



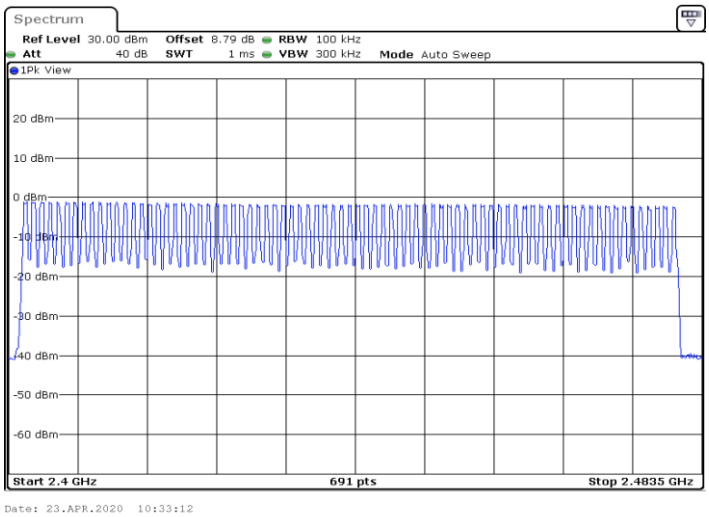
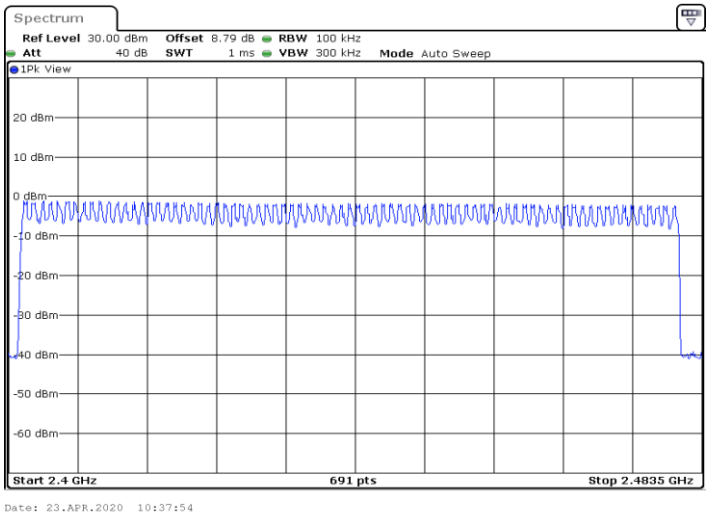
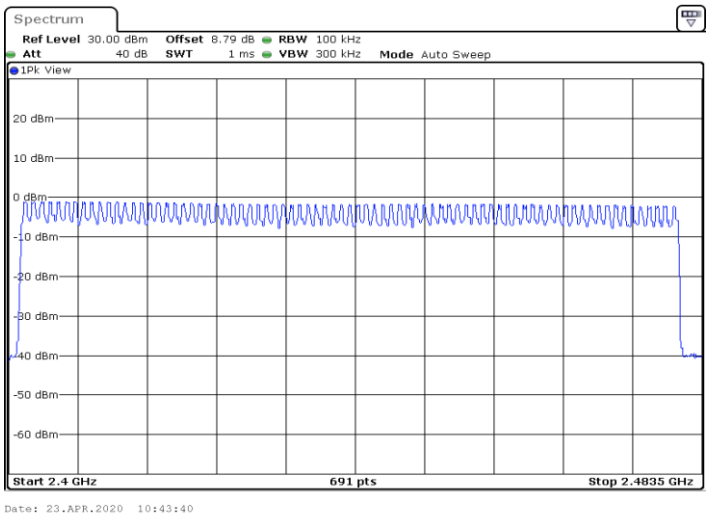
Date: 23.APR.2020 10:46:59

Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	>=15	PASS
2DH1	Ant1	Hop	79	>=15	PASS
3DH1	Ant1	Hop	79	>=15	PASS

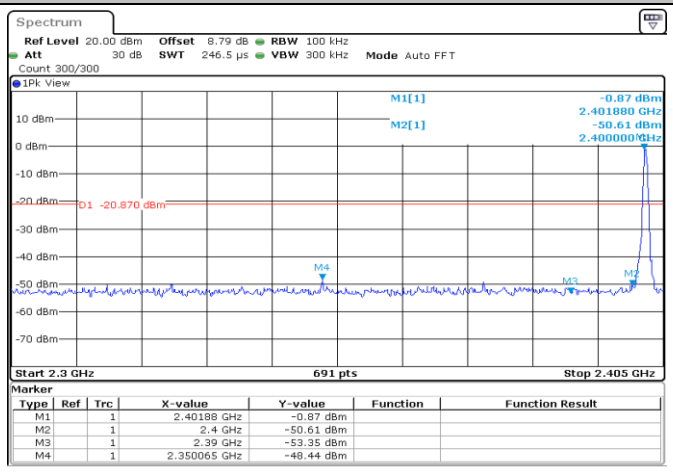
Test Graphs

DH1_Ant1_Hop

2DH1_Ant1_Hop

3DH1_Ant1_Hop


Appendix G: Band edge measurements

Test Graphs

DH1_Ant1_Low_2402

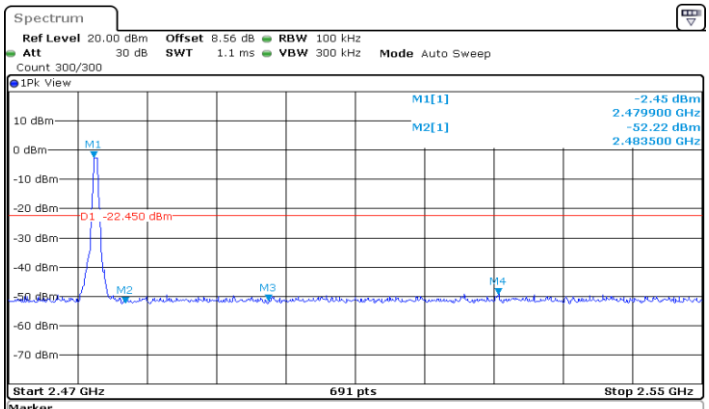


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40188 GHz	-0.87 dBm		
M2		1	2.4 GHz	-50.61 dBm		
M3		1	2.39 GHz	-53.35 dBm		
M4		1	2.350065 GHz	-48.44 dBm		

Date: 23.APR.2020 10:18:51

DH1_Ant1_High_2480

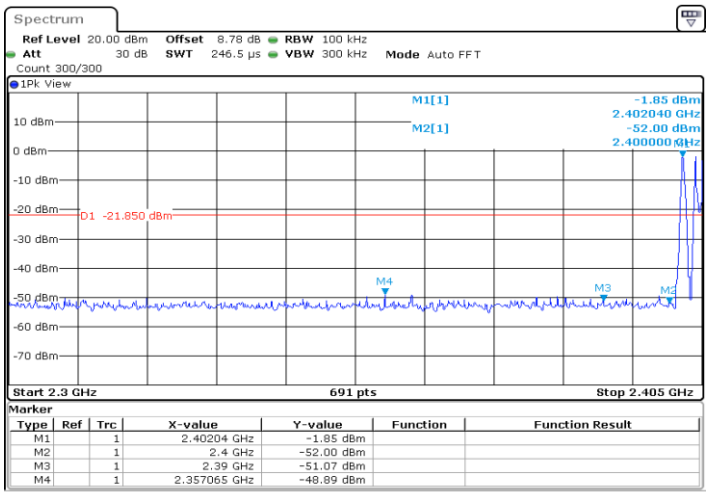


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4799 GHz	-2.45 dBm		
M2		1	2.4835 GHz	-52.22 dBm		
M3		1	2.5 GHz	-51.36 dBm		
M4		1	2.526464 GHz	-49.12 dBm		

Date: 23.APR.2020 10:21:39

DH1_Ant1_Low_Hop_2402

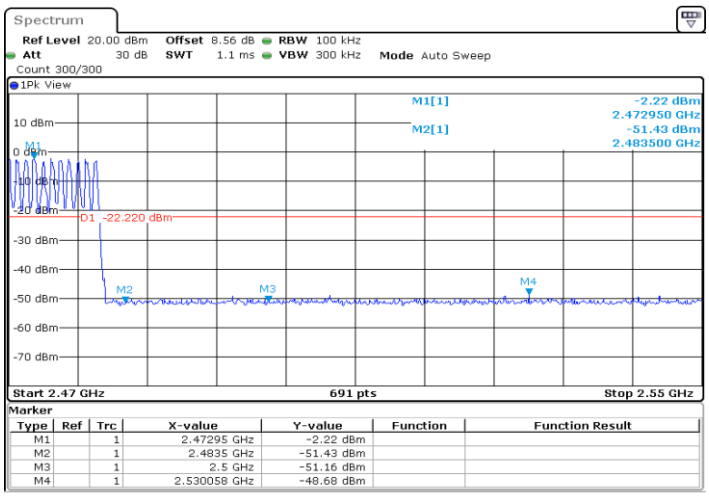


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40204 GHz	-1.85 dBm		
M2		1	2.4 GHz	-52.00 dBm		
M3		1	2.39 GHz	-51.07 dBm		
M4		1	2.357065 GHz	-48.89 dBm		

Date: 23.APR.2020 10:31:36

DH1_Ant1_High_Hop_2480

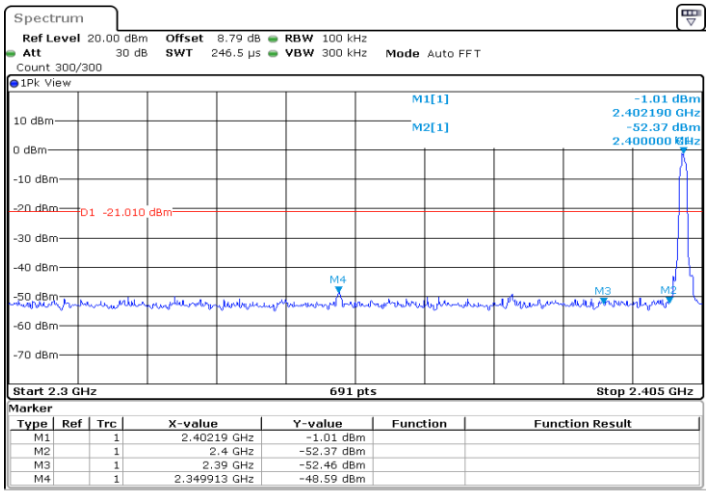


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47295 GHz	-2.22 dBm		
M2		1	2.4835 GHz	-51.43 dBm		
M3		1	2.5 GHz	-51.16 dBm		
M4		1	2.530058 GHz	-48.68 dBm		

Date: 23.APR.2020 10:33:46

2DH1_Ant1_Low_2402

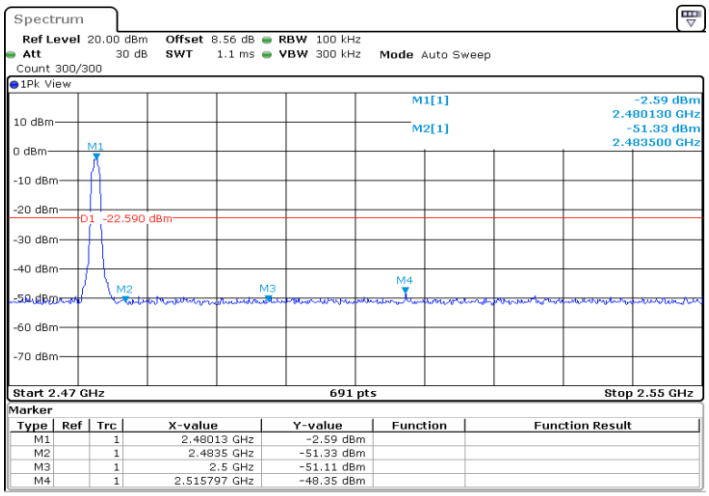


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40219 GHz	-1.01 dBm		
M2		1	2.4 GHz	-52.37 dBm		
M3		1	2.39 GHz	-52.46 dBm		
M4		1	2.349913 GHz	-48.59 dBm		

Date: 23.APR.2020 10:23:14

2DH1_Ant1_High_2480

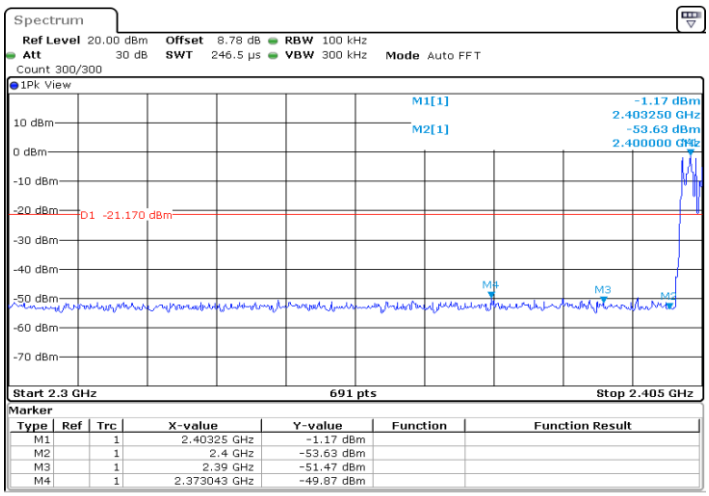


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48013 GHz	-2.59 dBm		
M2		1	2.4835 GHz	-51.33 dBm		
M3		1	2.5 GHz	-51.11 dBm		
M4		1	2.515797 GHz	-48.35 dBm		

Date: 23.APR.2020 10:26:03

2DH1_Ant1_Low_Hop_2402

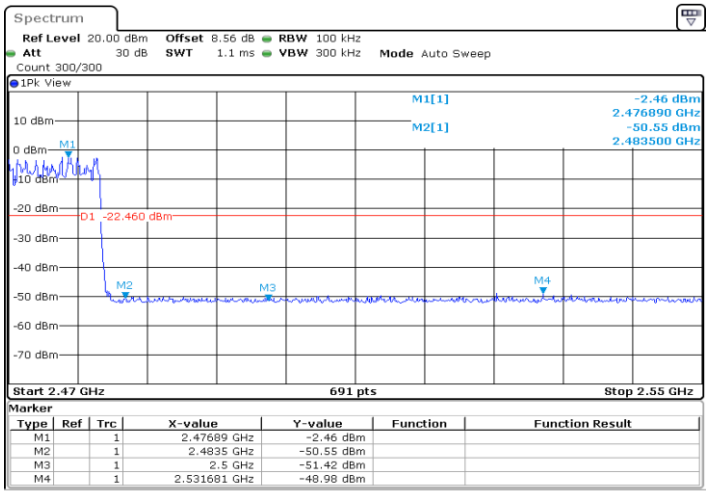


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40325 GHz	-1.17 dBm		
M2		1	2.4 GHz	-53.63 dBm		
M3		1	2.39 GHz	-51.47 dBm		
M4		1	2.373043 GHz	-49.87 dBm		

Date: 23.APR.2020 10:36:27

2DH1_Ant1_High_Hop_2480

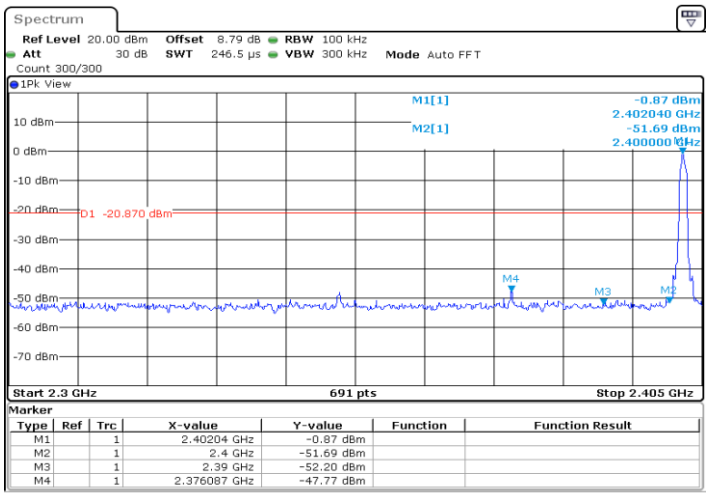


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47689 GHz	-2.46 dBm		
M2		1	2.4835 GHz	-50.55 dBm		
M3		1	2.5 GHz	-51.42 dBm		
M4		1	2.531681 GHz	-48.98 dBm		

Date: 23.APR.2020 10:38:23

3DH1_Ant1_Low_2402

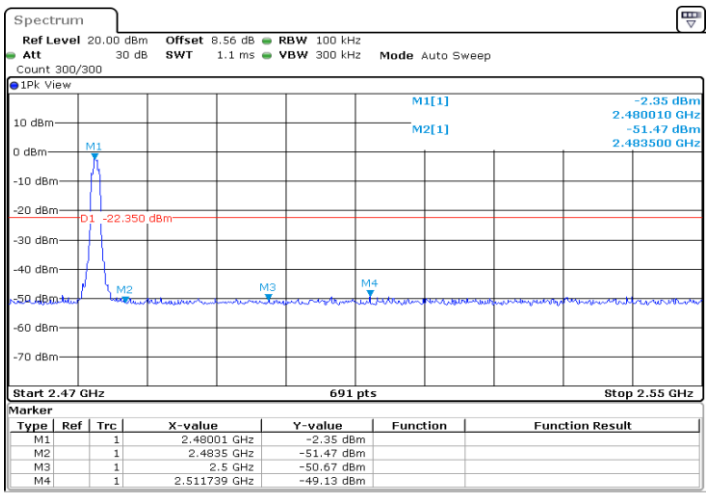


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40204 GHz	-0.87 dBm		
M2		1	2.4 GHz	-51.69 dBm		
M3		1	2.39 GHz	-52.20 dBm		
M4		1	2.376087 GHz	-47.77 dBm		

Date: 23.APR.2020 10:27:31

3DH1_Ant1_High_2480

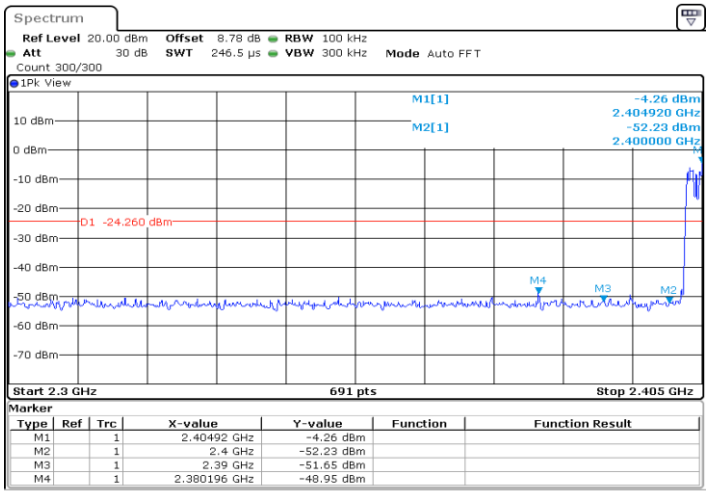


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48001 GHz	-2.35 dBm		
M2		1	2.4835 GHz	-51.47 dBm		
M3		1	2.5 GHz	-50.67 dBm		
M4		1	2.511739 GHz	-49.13 dBm		

Date: 23.APR.2020 10:30:40

3DH1_Ant1_Low_Hop_2402

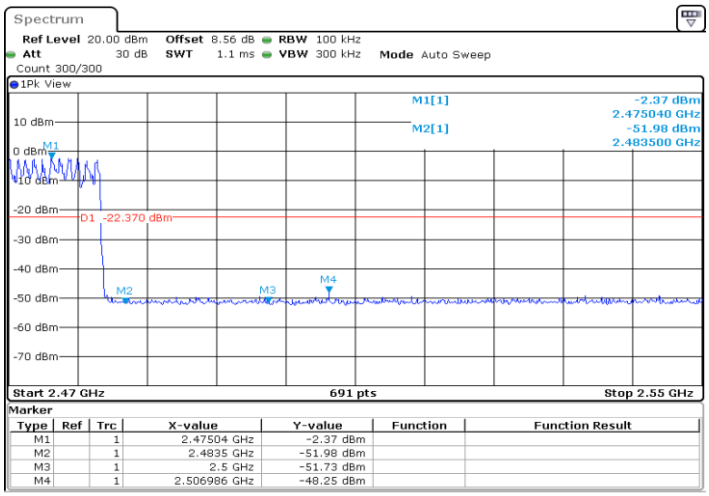


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40492 GHz	-4.26 dBm		
M2		1	2.4 GHz	-52.23 dBm		
M3		1	2.39 GHz	-51.65 dBm		
M4		1	2.380196 GHz	-48.95 dBm		

Date: 23.APR.2020 10:41:42

3DH1_Ant1_High_Hop_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47504 GHz	-2.37 dBm		
M2		1	2.4835 GHz	-51.98 dBm		
M3		1	2.5 GHz	-51.73 dBm		
M4		1	2.506986 GHz	-48.25 dBm		

Date: 23.APR.2020 10:44:10