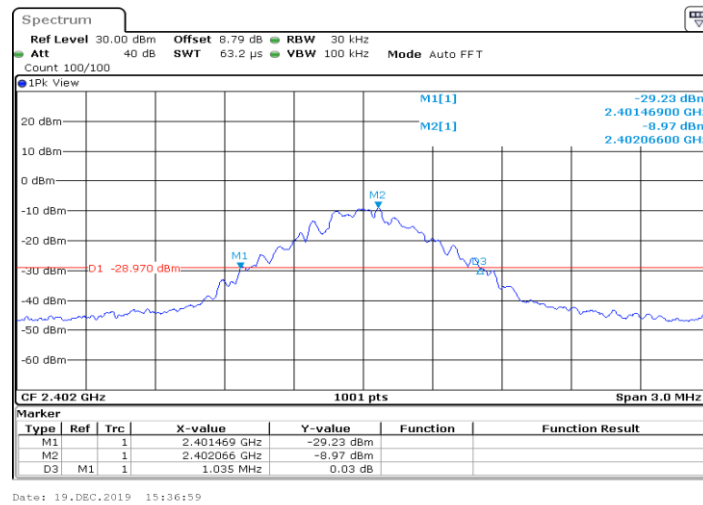

Appendix A: 20dB Emission Bandwidth

Test Result

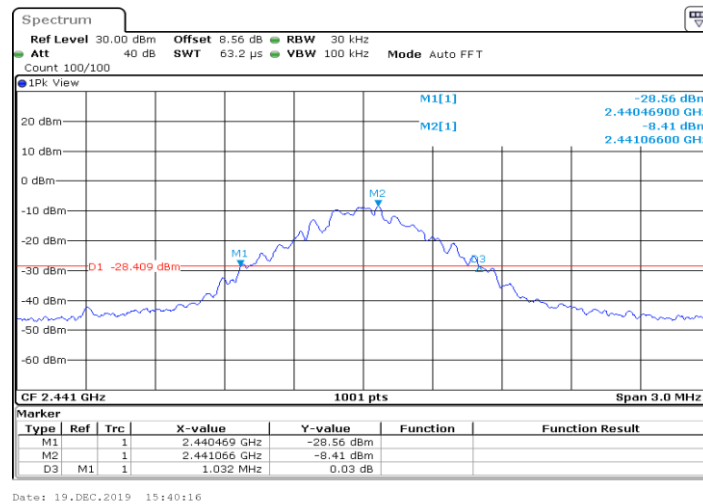
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.035	2401.469	2402.504	---	PASS
		2441	1.032	2440.469	2441.501	---	PASS
		2480	1.032	2479.469	2480.501	---	PASS
2DH1	Ant1	2402	1.359	2401.331	2402.690	---	PASS
		2441	1.359	2440.331	2441.690	---	PASS
		2480	1.359	2479.331	2480.690	---	PASS
3DH1	Ant1	2402	1.353	2401.325	2402.678	---	PASS
		2441	1.353	2440.325	2441.678	---	PASS
		2480	1.353	2479.325	2480.678	---	PASS

Test Graphs

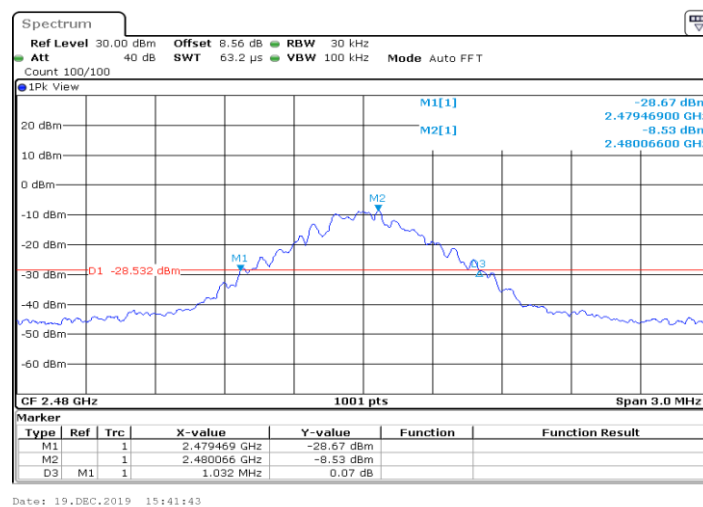
DH1_Ant1_2402



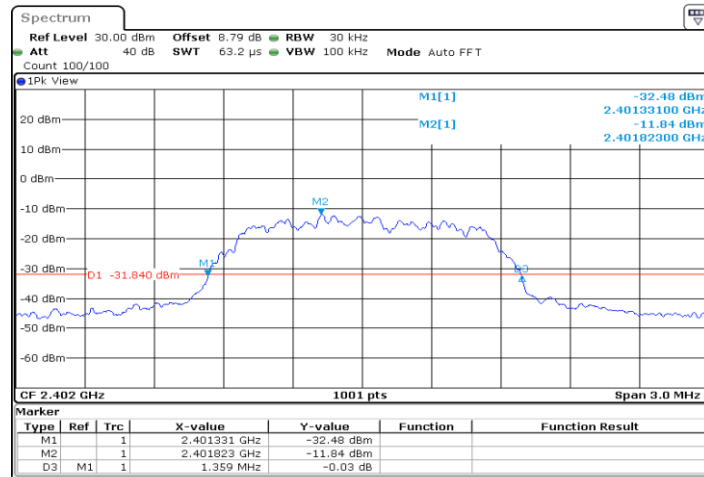
DH1_Ant1_2441



DH1_Ant1_2480

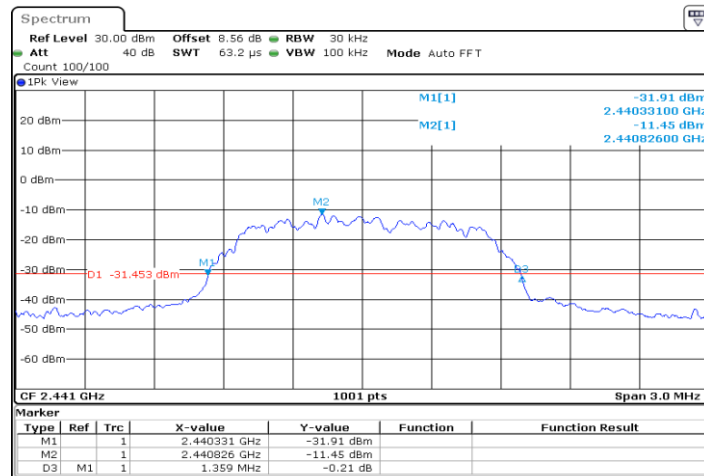


2DH1_Ant1_2402



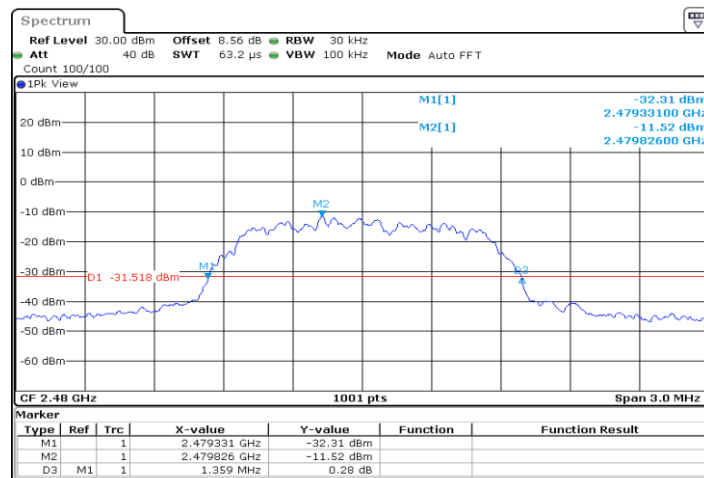
Date: 19.DEC.2019 15:49:46

2DH1_Ant1_2441



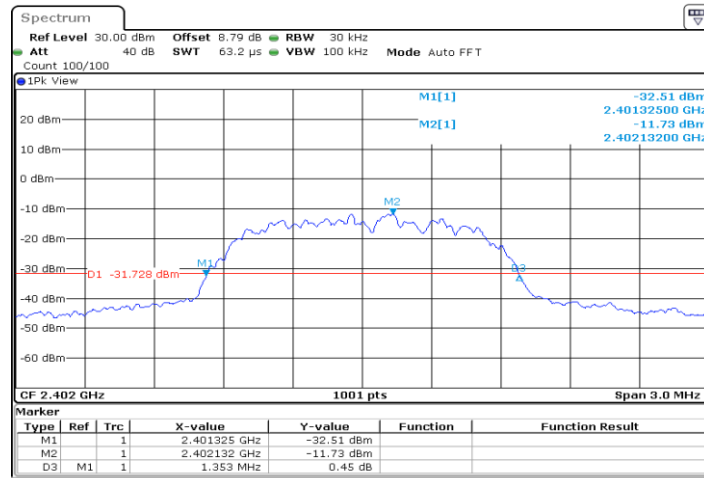
Date: 19.DEC.2019 15:56:51

2DH1_Ant1_2480



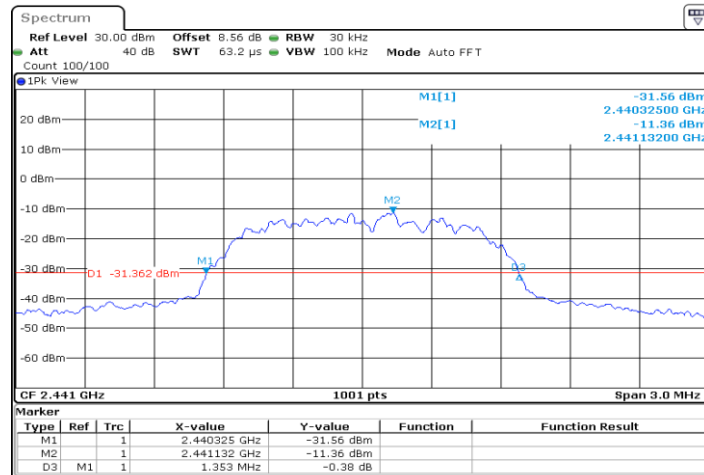
Date: 19.DEC.2019 15:57:53

3DH1_Ant1_2402



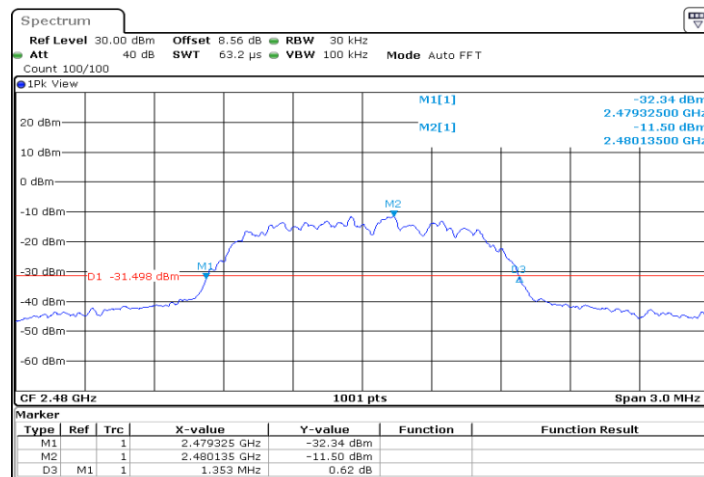
Date: 19.DEC.2019 15:59:18

3DH1_Ant1_2441



Date: 19.DEC.2019 16:00:30

3DH1_Ant1_2480



Date: 19.DEC.2019 16:01:53

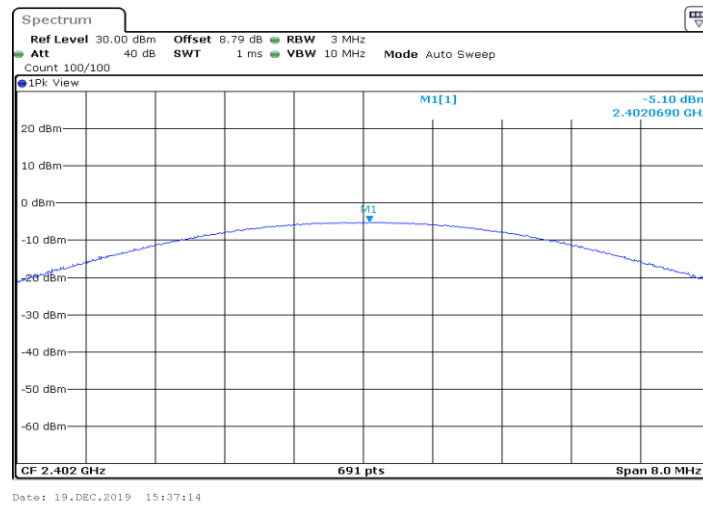
Appendix B: Maximum conducted output power

Test Result

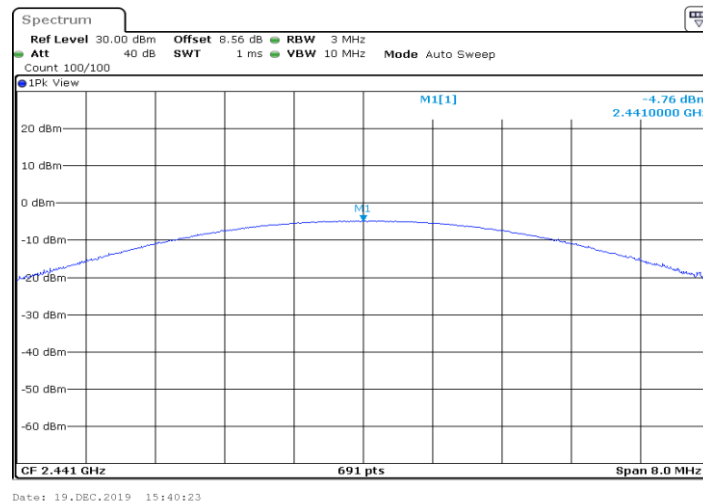
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-5.1	<=21	PASS
		2441	-4.76	<=21	PASS
		2480	-4.91	<=21	PASS
2DH1	Ant1	2402	-3.11	<=21	PASS
		2441	-2.68	<=21	PASS
		2480	-2.83	<=21	PASS
3DH1	Ant1	2402	-2.57	<=21	PASS
		2441	-2.25	<=21	PASS
		2480	-2.42	<=21	PASS

Test Graphs

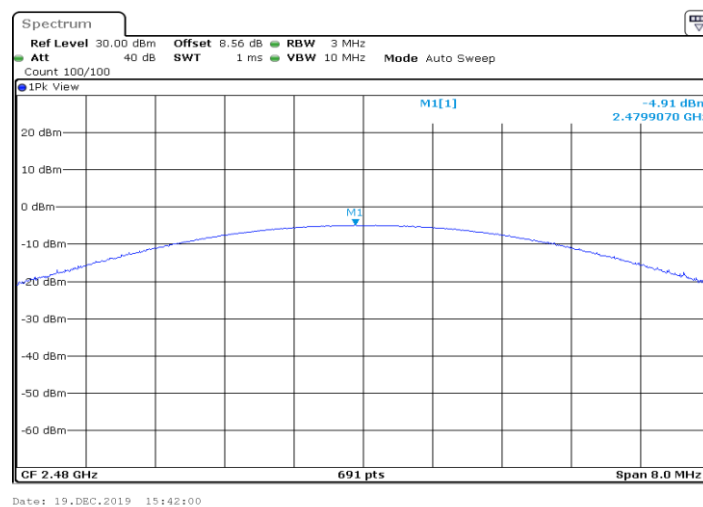
DH1_Ant1_2402



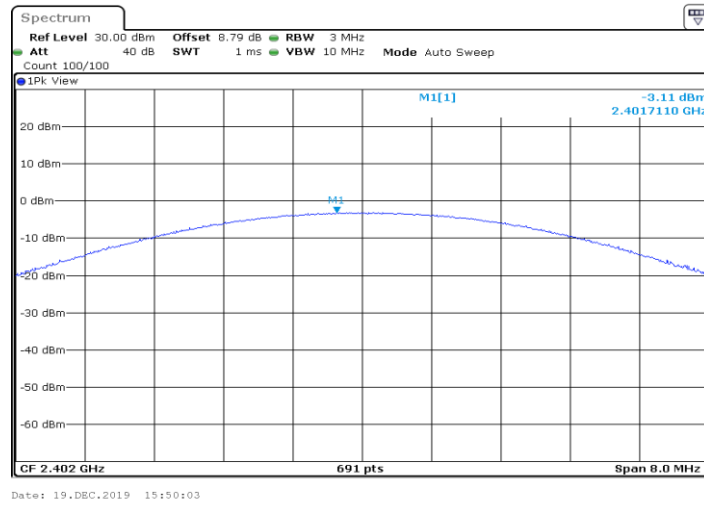
DH1_Ant1_2441



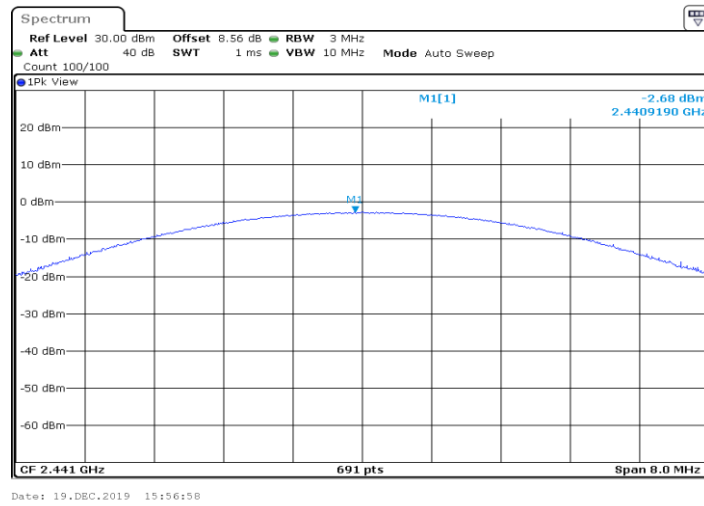
DH1_Ant1_2480



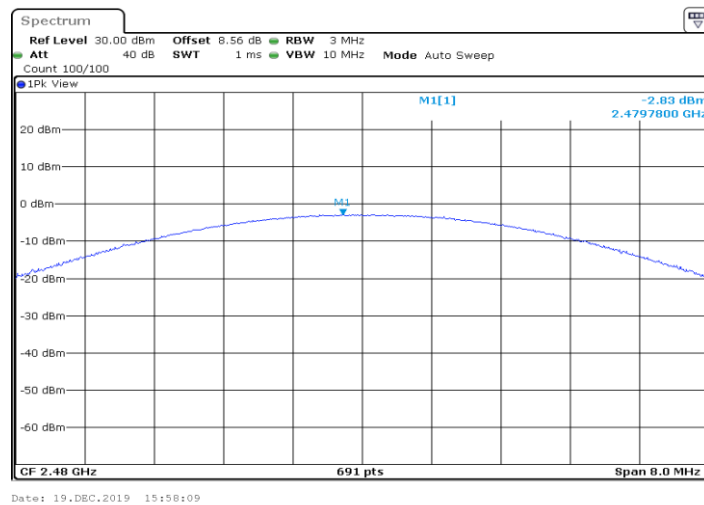
2DH1_Ant1_2402



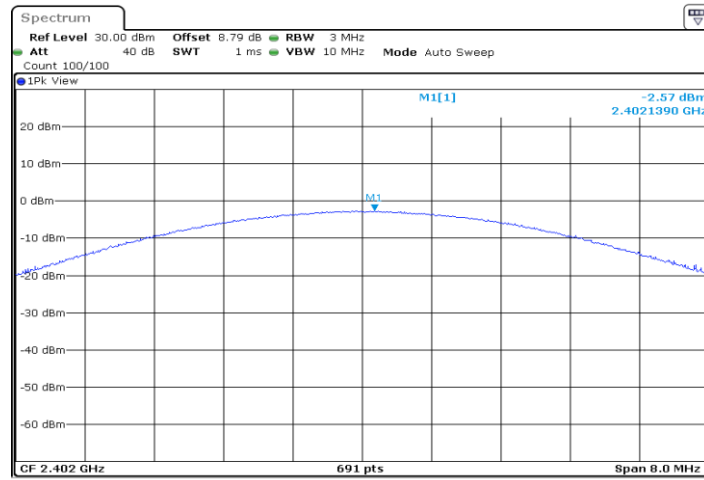
2DH1_Ant1_2441



2DH1_Ant1_2480

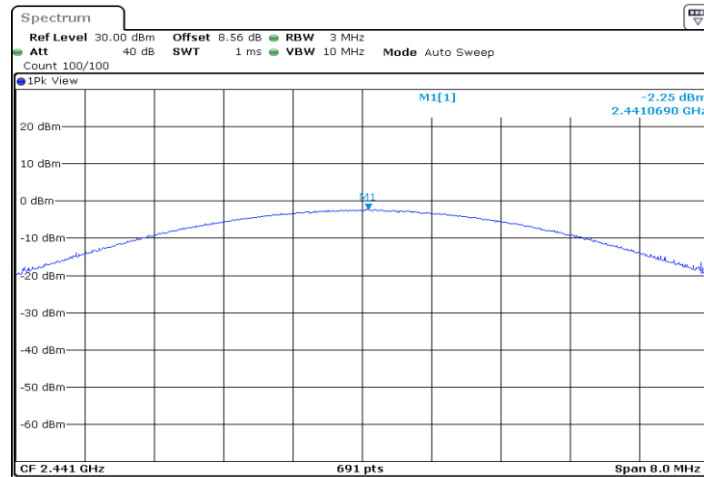


3DH1_Ant1_2402



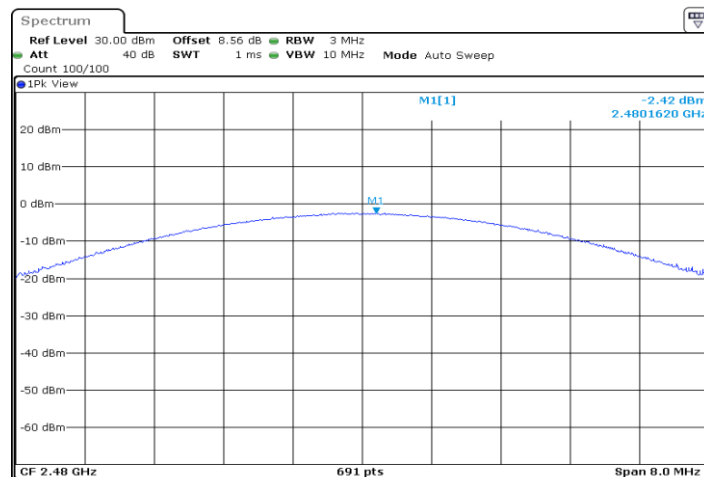
Date: 19.DEC.2019 15:59:34

3DH1_Ant1_2441



Date: 19.DEC.2019 16:00:37

3DH1_Ant1_2480



Date: 19.DEC.2019 16:02:10

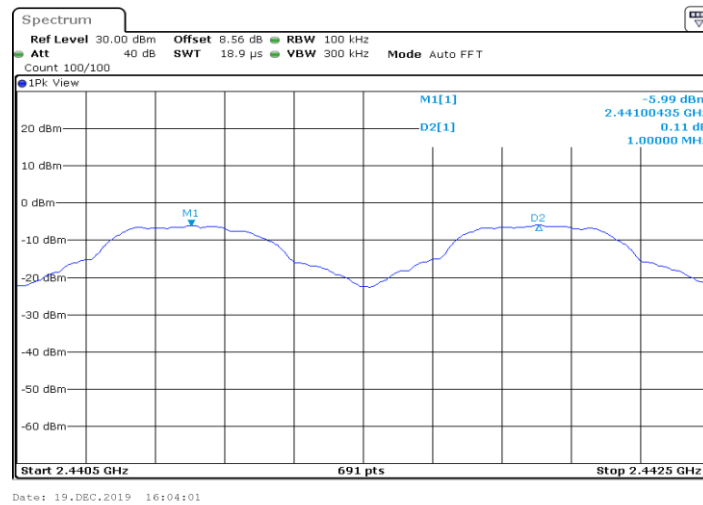
Appendix C: Carrier frequency separation

Test Result

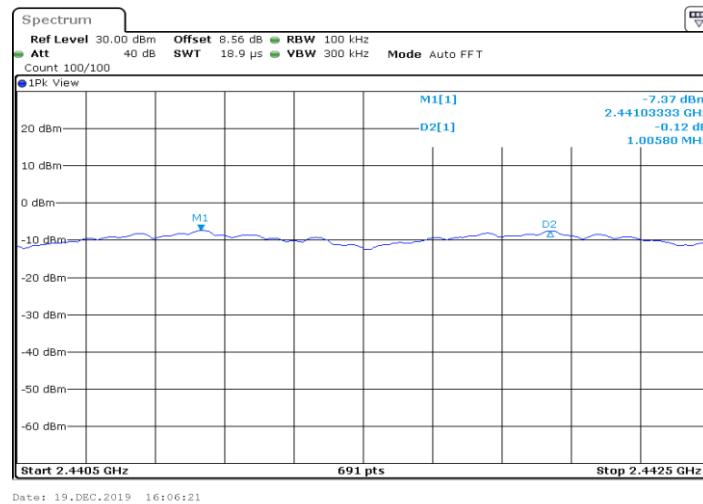
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1	≥ 0.688	PASS
2DH1	Ant1	Hop	1.006	≥ 0.906	PASS
3DH1	Ant1	Hop	1.003	≥ 0.902	PASS

Test Graphs

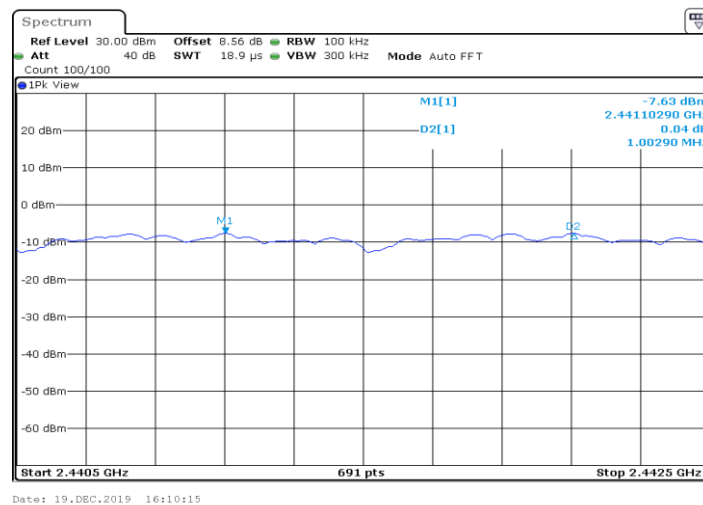
DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop



Appendix D: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	320	0.118	<=0.4	PASS
DH3	Ant1	Hop	1.65	160	0.264	<=0.4	PASS
DH5	Ant1	Hop	2.90	110	0.319	<=0.4	PASS
2DH1	Ant1	Hop	0.37	320	0.118	<=0.4	PASS
2DH3	Ant1	Hop	1.62	160	0.26	<=0.4	PASS
2DH5	Ant1	Hop	2.91	110	0.32	<=0.4	PASS
3DH1	Ant1	Hop	0.36	320	0.115	<=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

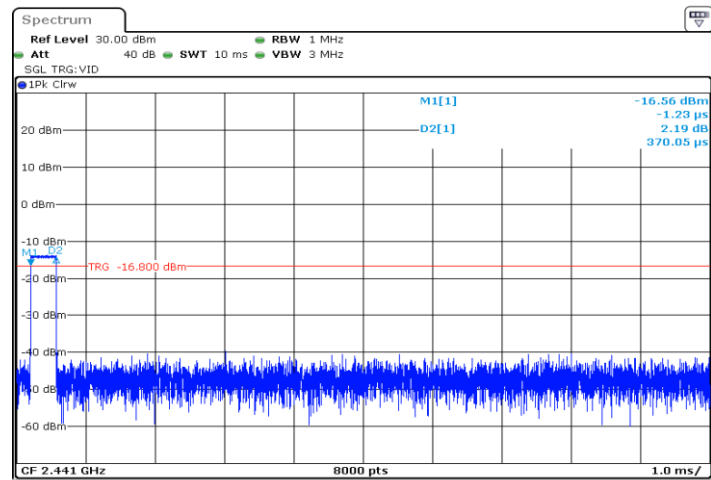
Note 1: A period time= $0.4 \times 79 = 31.6$ (S), Total of Dwell=Pluse Time*Hopping Number

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

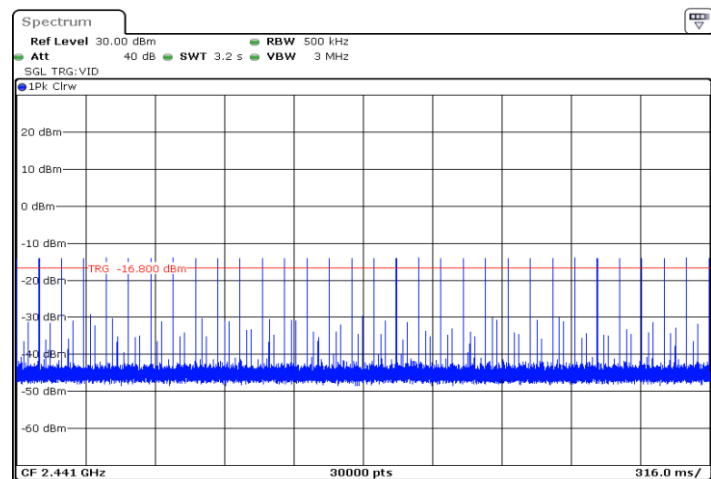
Note 3: Hopping Number in 3.16s=Total of highest signals in 3.16s(Secong high signals were other channel)

Test Graphs

DH1_Ant1_Hop

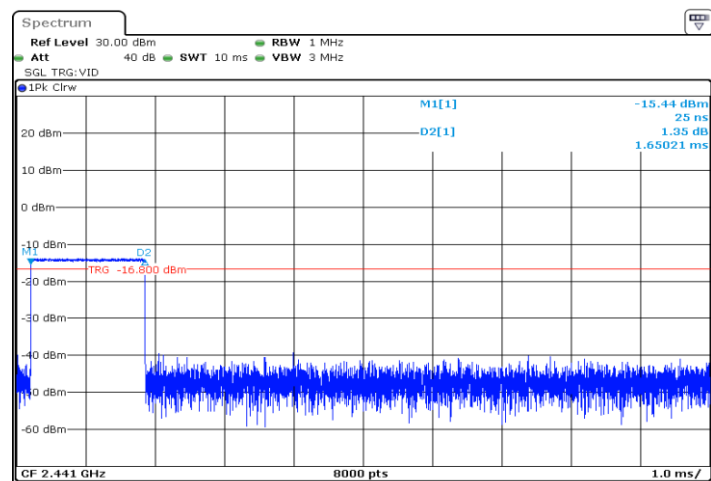


Date: 19.DEC.2019 16:26:57

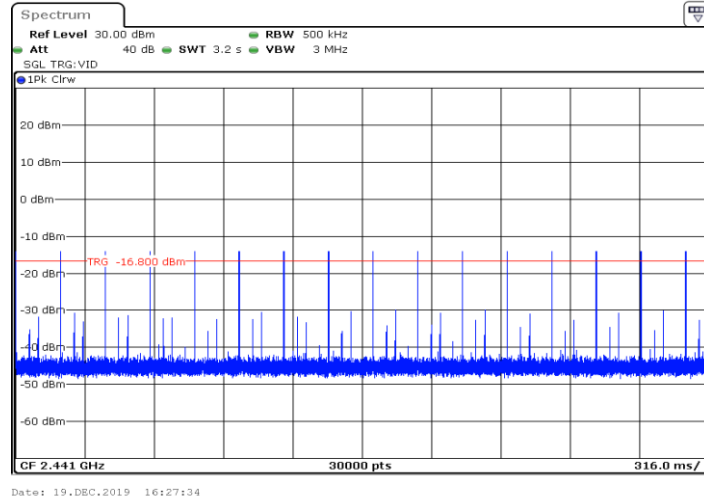


Date: 19.DEC.2019 16:27:02

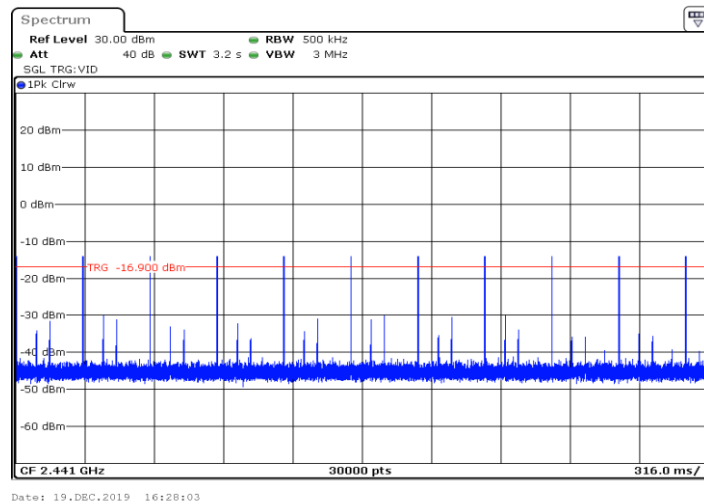
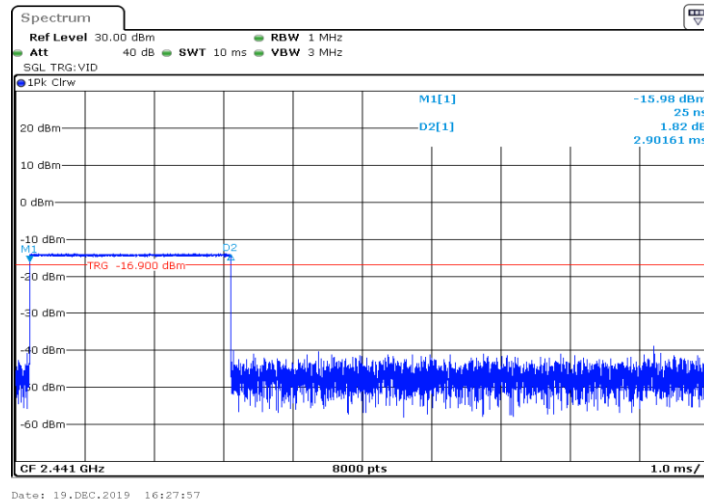
DH3_Ant1_Hop



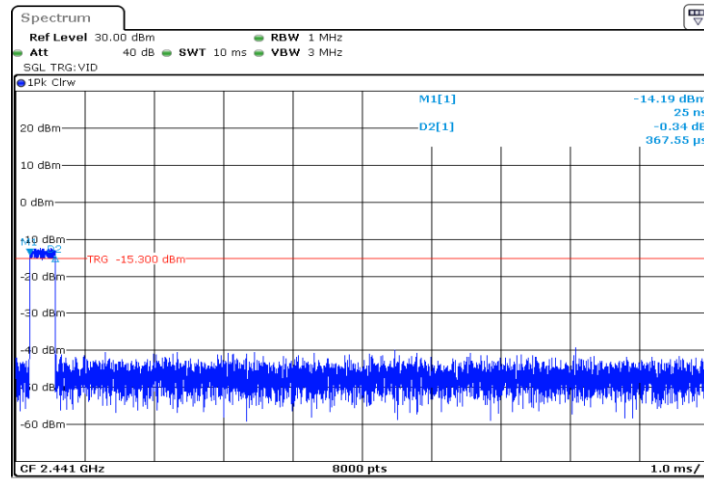
Date: 19.DEC.2019 16:27:29



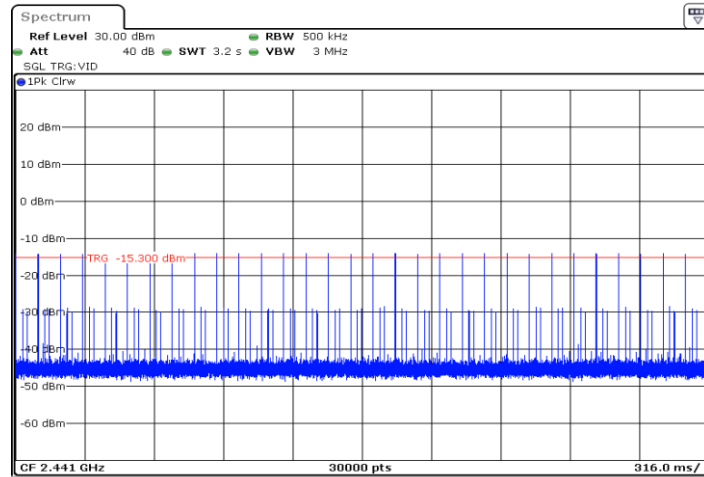
DH5_Ant1_Hop



2DH1_Ant1_Hop

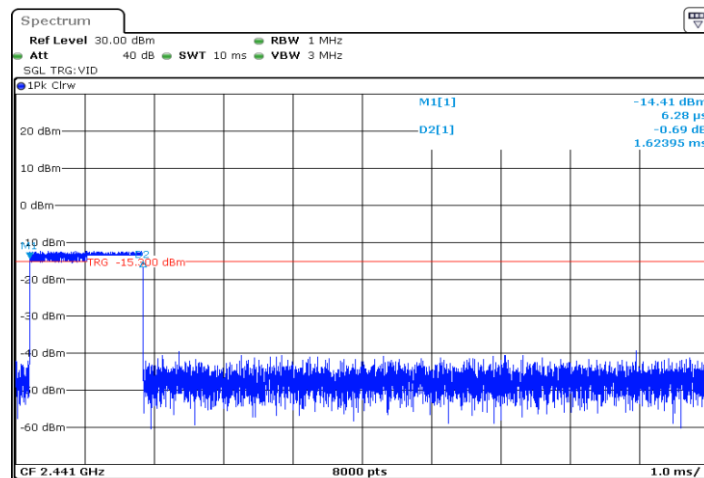


Date: 19.DEC.2019 16:28:42

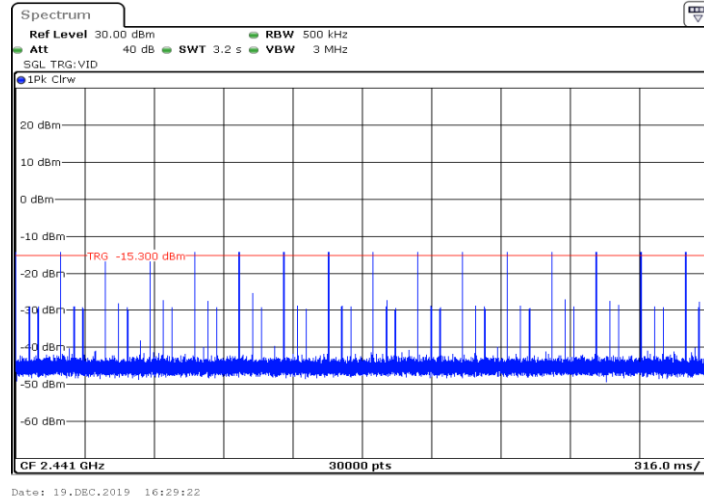


Date: 19.DEC.2019 16:28:48

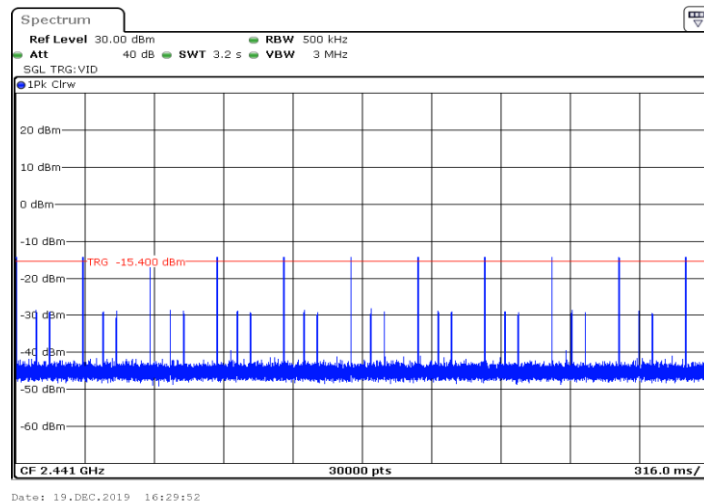
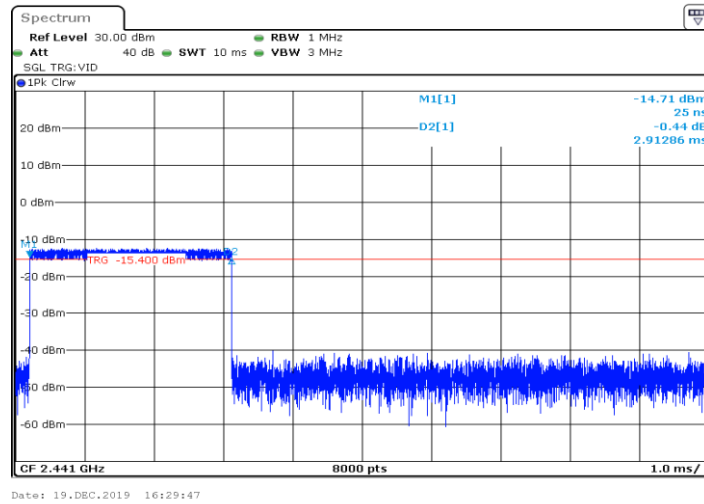
2DH3_Ant1_Hop



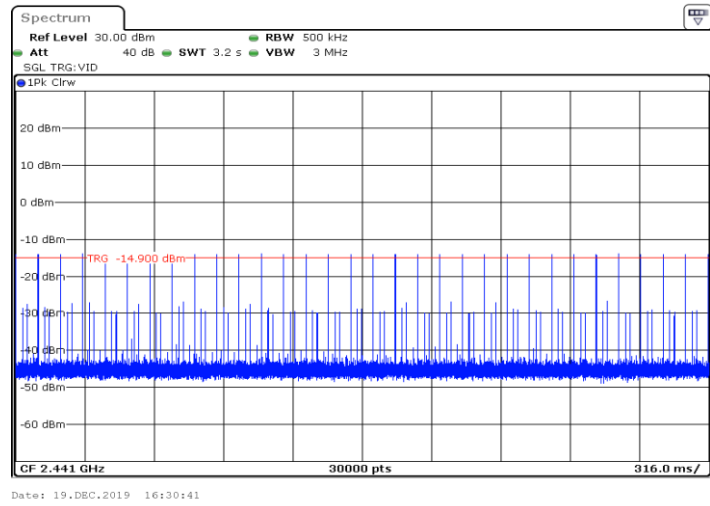
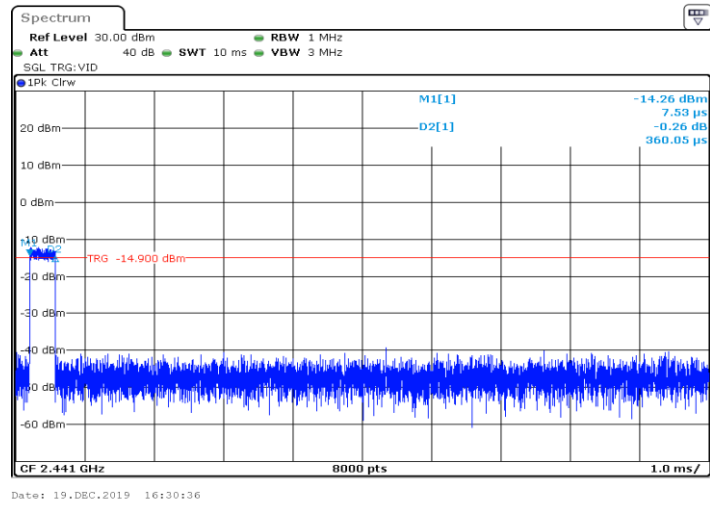
Date: 19.DEC.2019 16:29:17



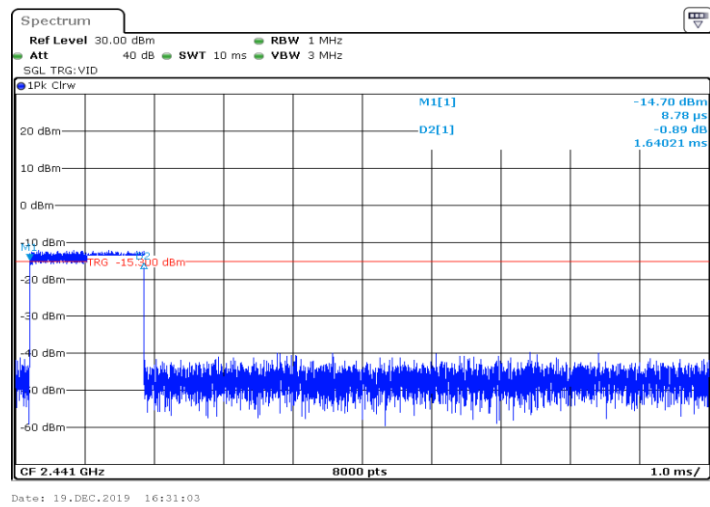
2DH5_Ant1_Hop

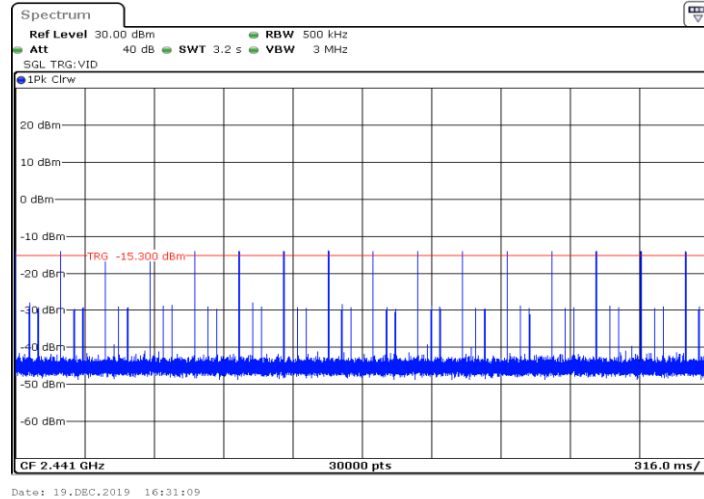


3DH1_Ant1_Hop



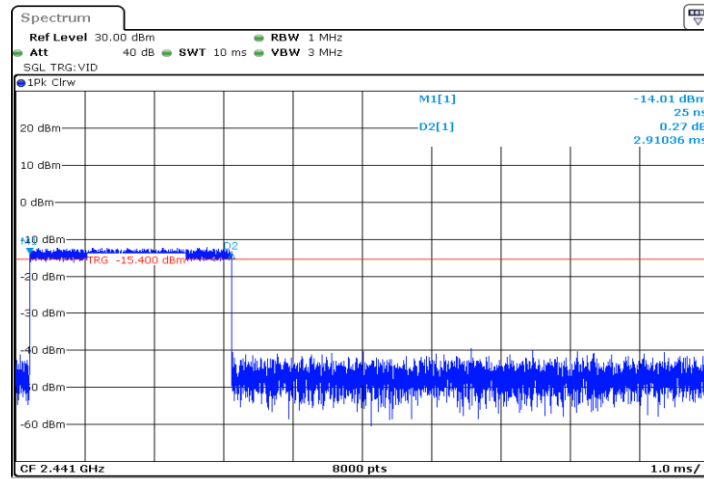
3DH3_Ant1_Hop



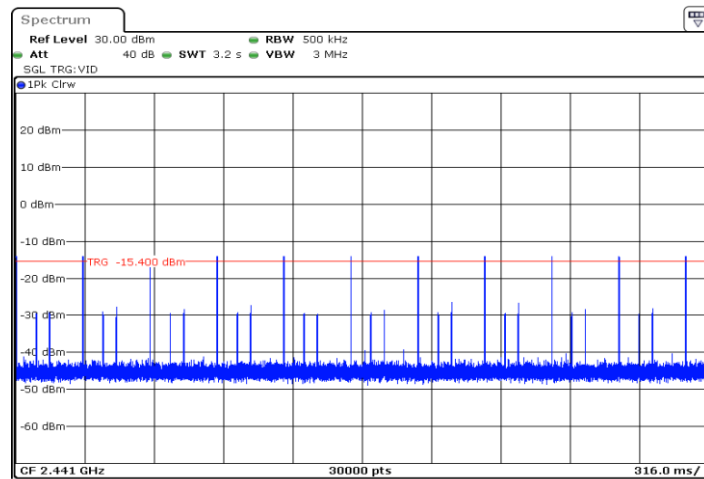


Date: 19.DEC.2019 16:31:09

3DH5_Ant1_Hop



Date: 19.DEC.2019 16:34:48



Date: 19.DEC.2019 16:34:54

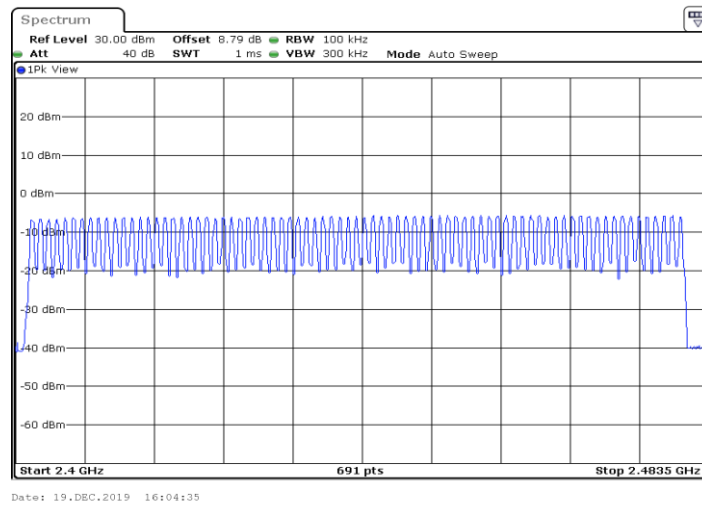
Appendix E: Number of hopping channels

Test Result

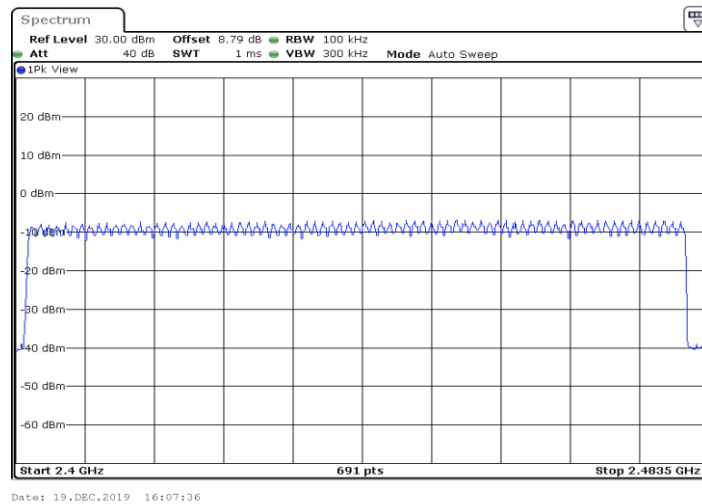
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	>=15	PASS
2DH1	Ant1	Hop	79	>=15	PASS
3DH1	Ant1	Hop	79	>=15	PASS

Test Graphs

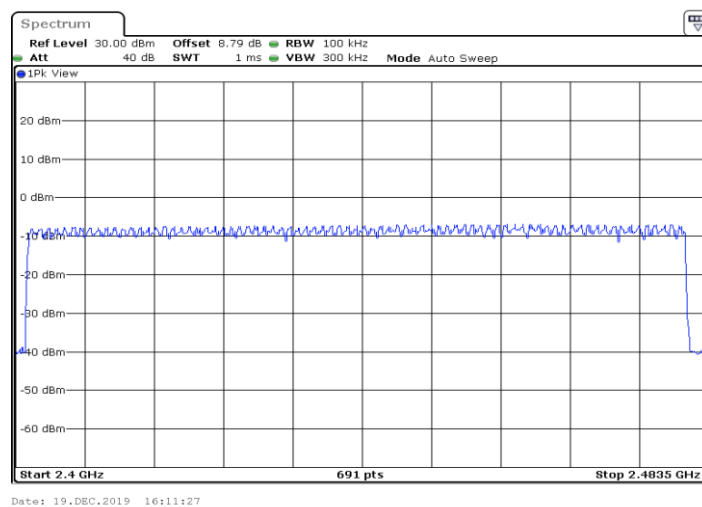
DH1_Ant1_Hop



2DH1_Ant1_Hop

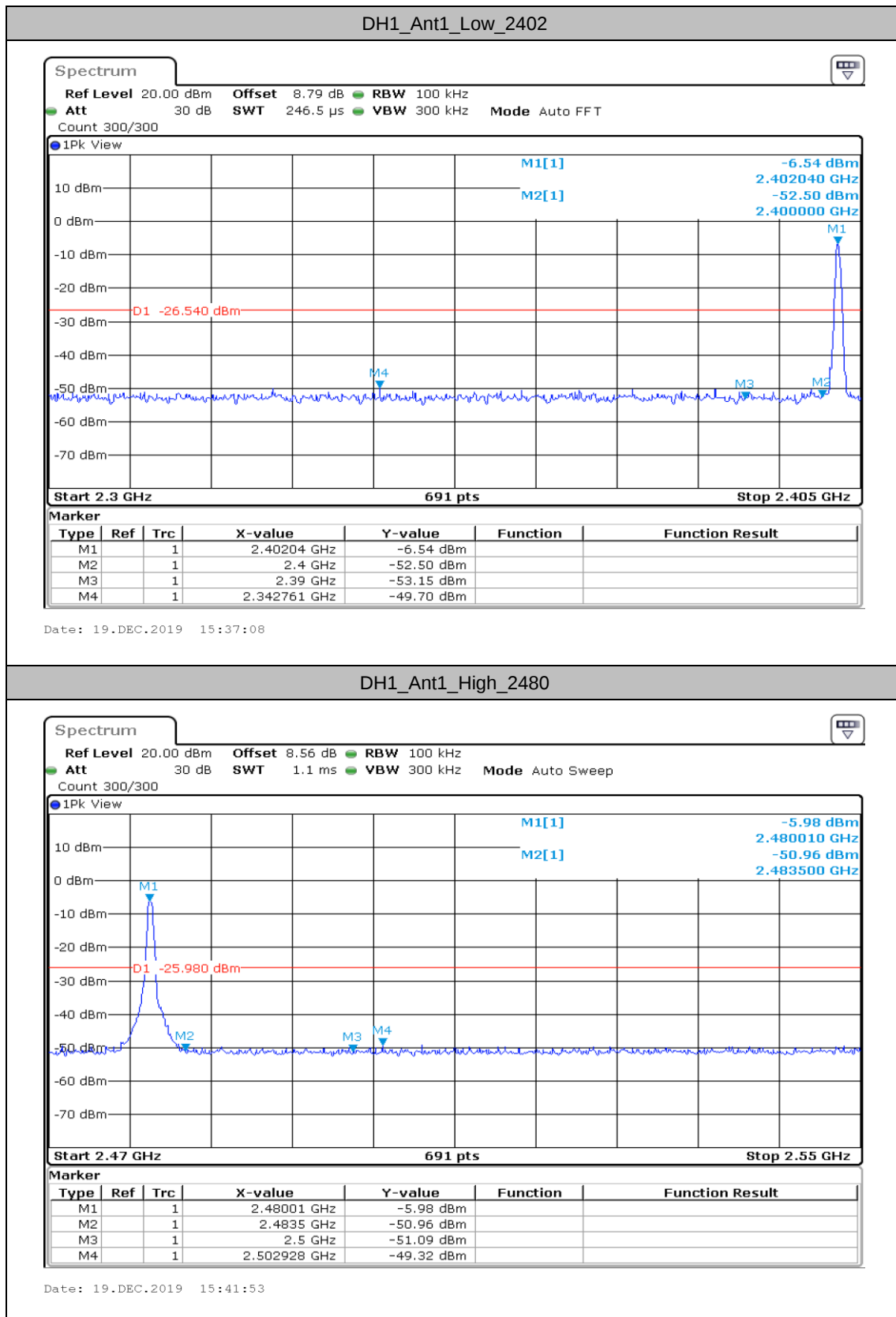


3DH1_Ant1_Hop



Appendix F: Band edge measurements

Test Graphs

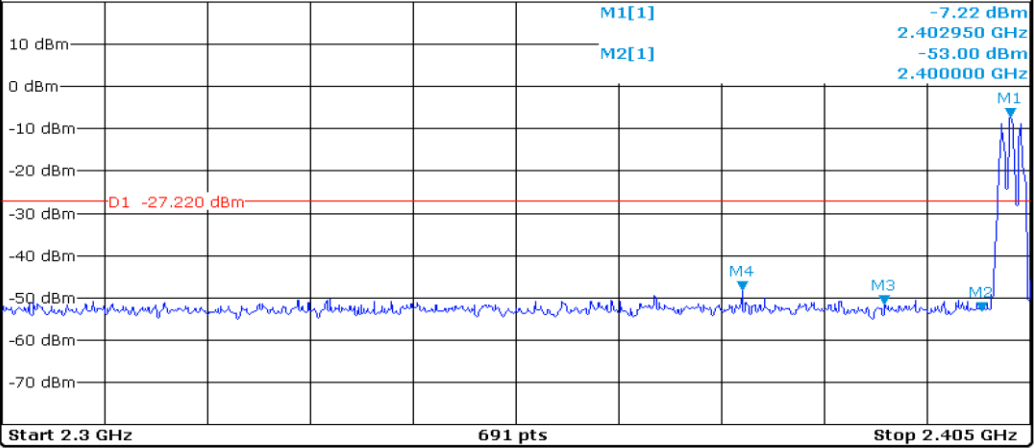


DH1_Ant1_Low_Hop_2402

Spectrum

Ref Level 20.00 dBm Offset 8.78 dB RBW 100 kHz
 Att 30 dB SWT 246.5 μ s VBW 300 kHz Mode Auto FFT
 Count 300/300

1Pk View



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40295 GHz	-7.22 dBm		
M2		1	2.4 GHz	-53.00 dBm		
M3		1	2.39 GHz	-51.48 dBm		
M4		1	2.37563 GHz	-48.03 dBm		

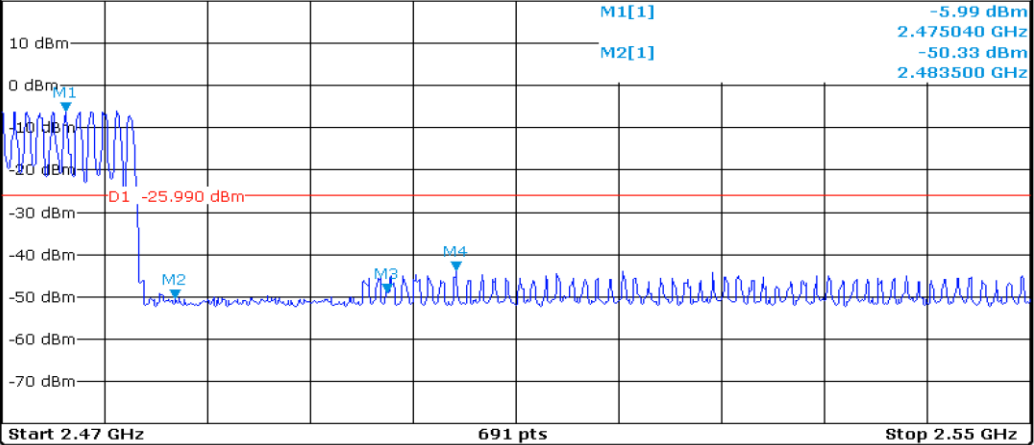
Date: 19.DEC.2019 16:03:01

DH1_Ant1_High_Hop_2480

Spectrum

Ref Level 20.00 dBm Offset 8.56 dB RBW 100 kHz
 Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep
 Count 300/300

1Pk View

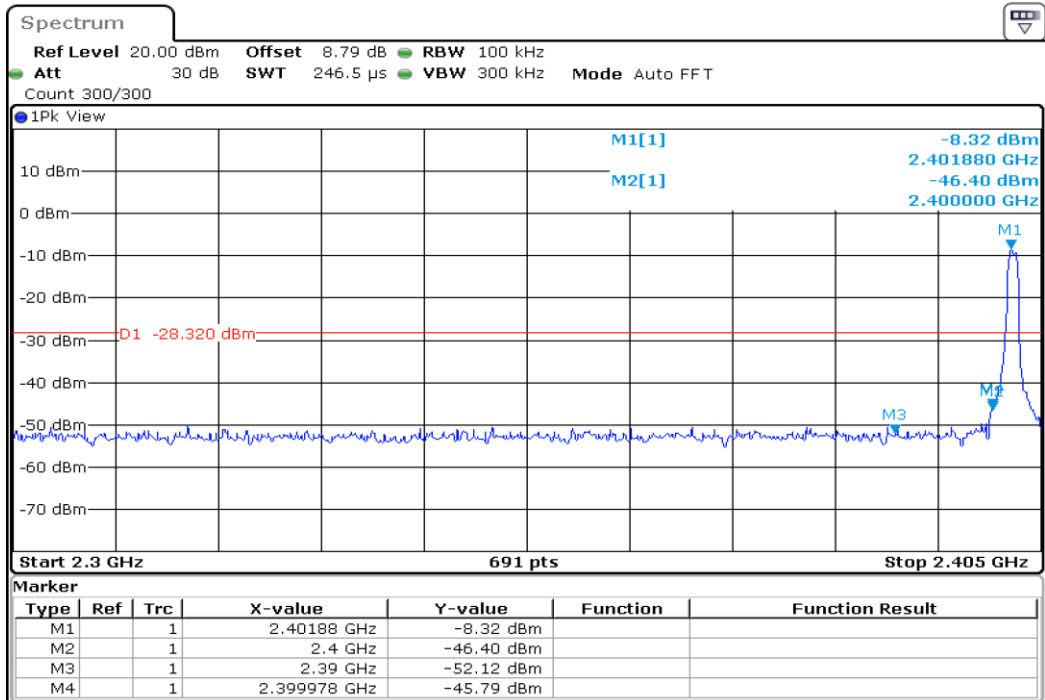


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47504 GHz	-5.99 dBm		
M2		1	2.4835 GHz	-50.33 dBm		
M3		1	2.5 GHz	-48.93 dBm		
M4		1	2.505362 GHz	-43.80 dBm		

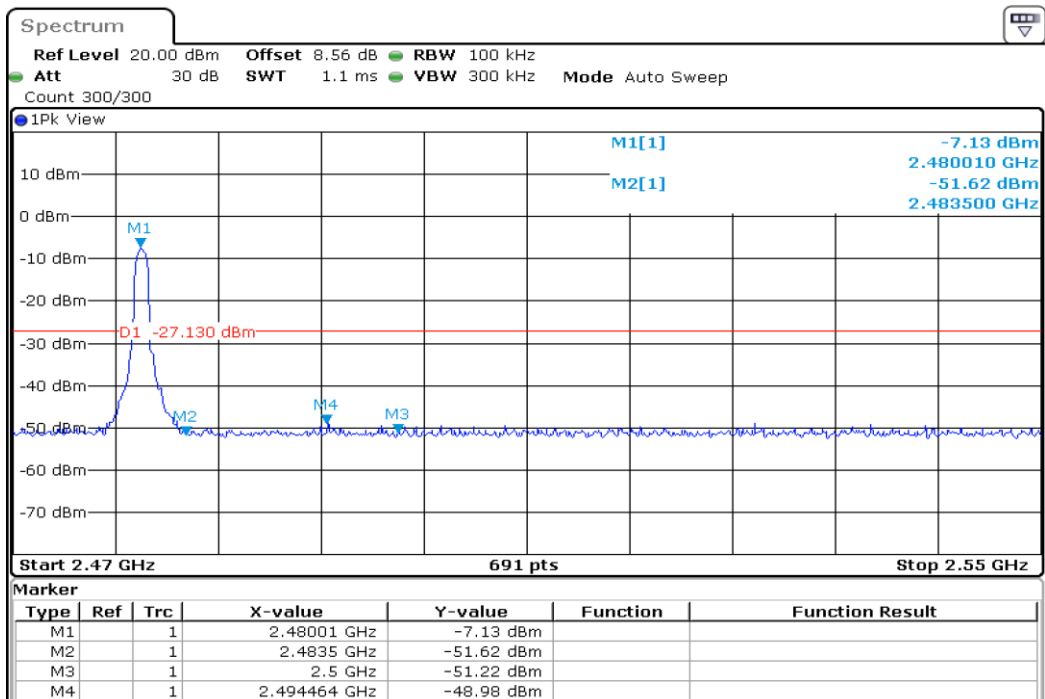
Date: 19.DEC.2019 16:04:47

2DH1_Ant1_Low_2402



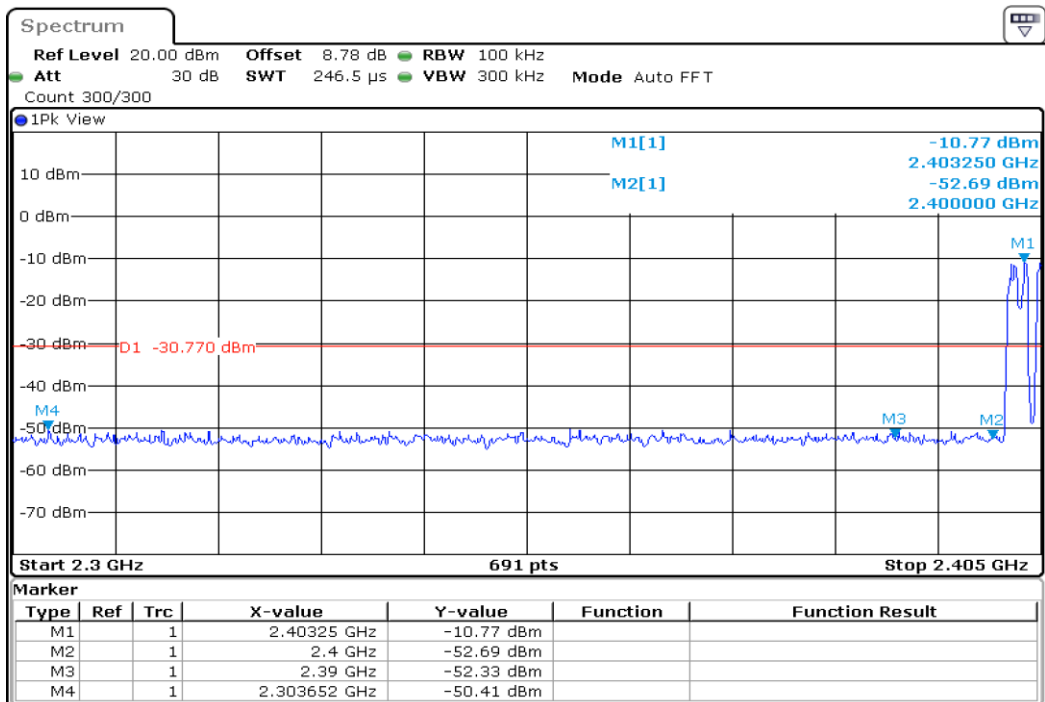
Date: 19.DEC.2019 15:49:56

2DH1_Ant1_High_2480



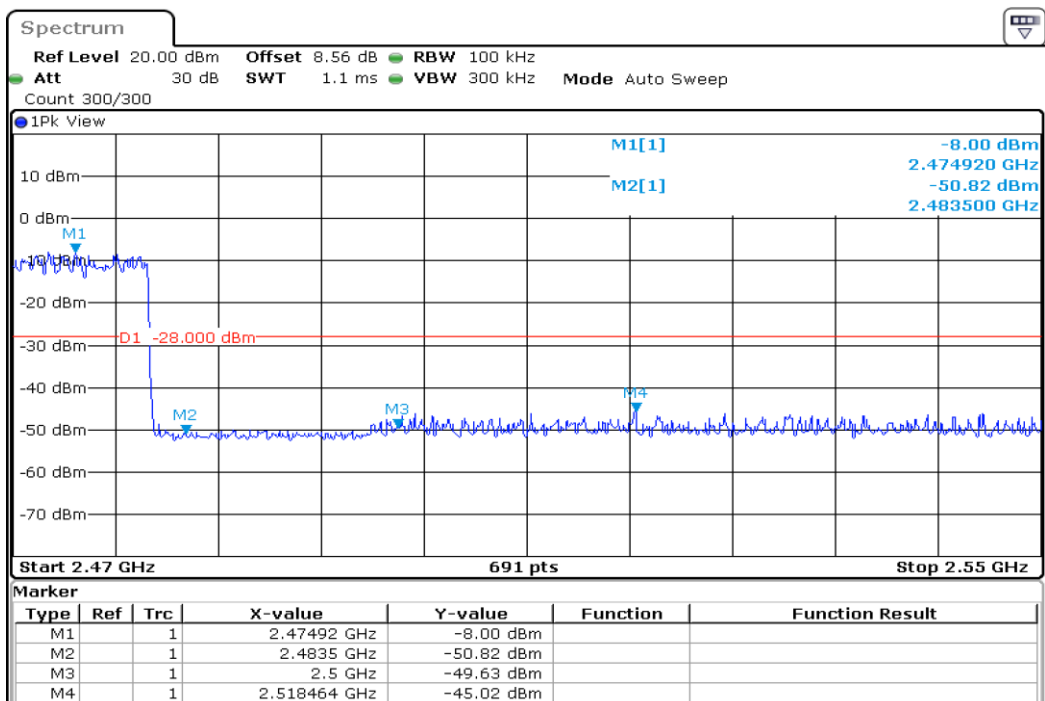
Date: 19.DEC.2019 15:58:02

2DH1_Ant1_Low_Hop_2402



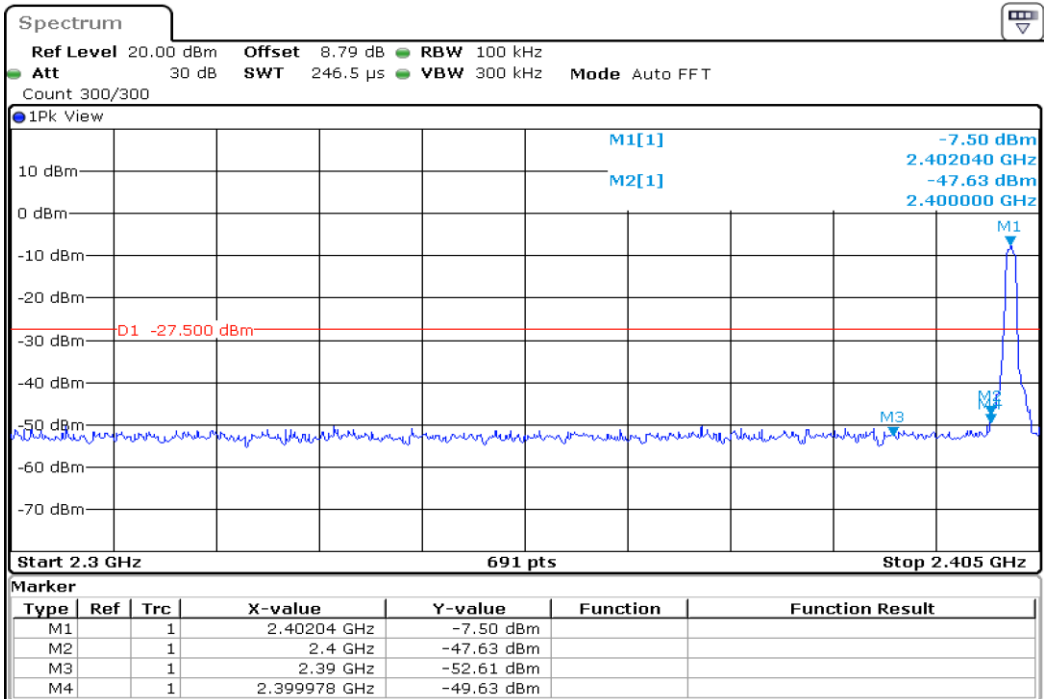
Date: 19.DEC.2019 16:05:33

2DH1_Ant1_High_Hop_2480



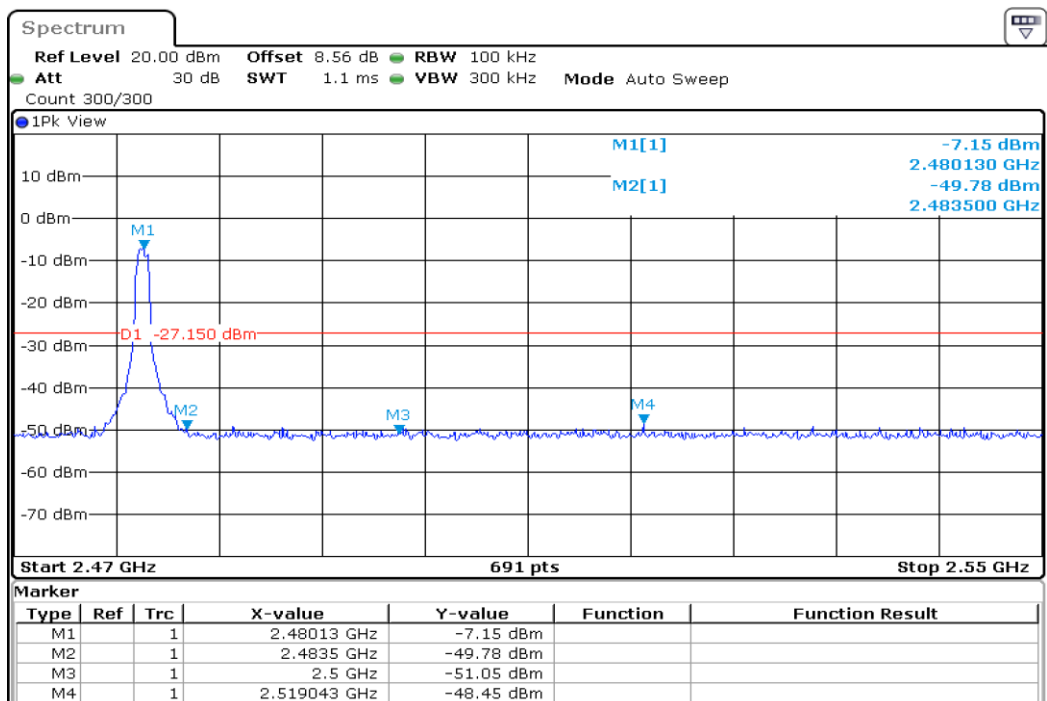
Date: 19.DEC.2019 16:07:48

3DH1_Ant1_Low_2402



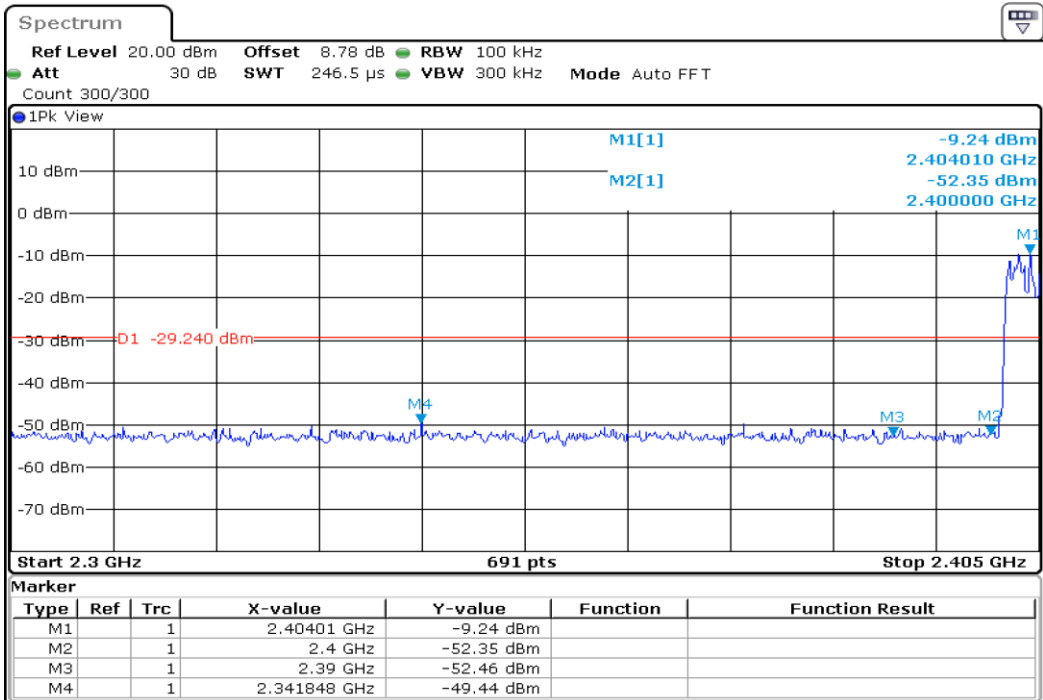
Date: 19.DEC.2019 15:59:27

3DH1_Ant1_High_2480



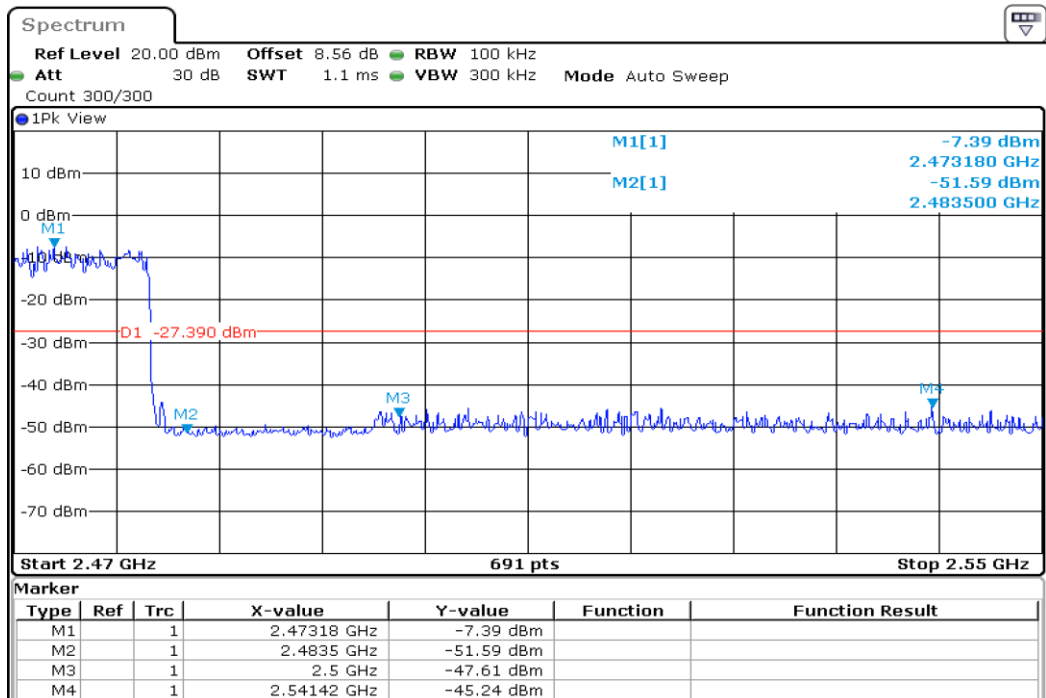
Date: 19.DEC.2019 16:02:03

3DH1_Ant1_Low_Hop_2402



Date: 19.DEC.2019 16:09:19

3DH1_Ant1_High_Hop_2480



Date: 19.DEC.2019 16:12:01