

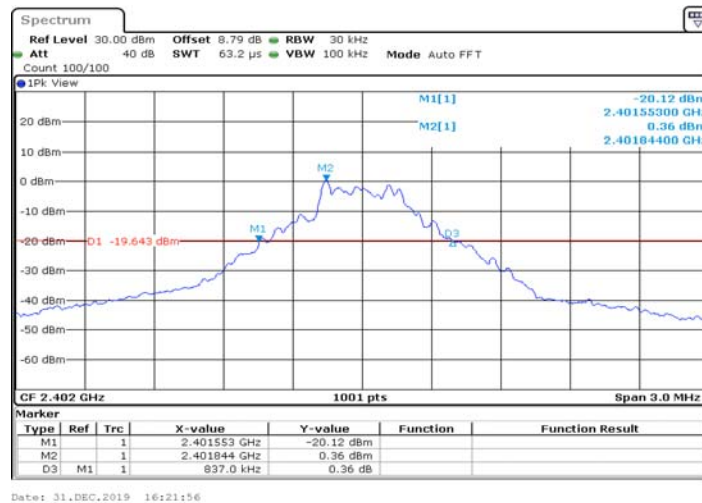
Appendix A: 20dB Emission Bandwidth

Test Result

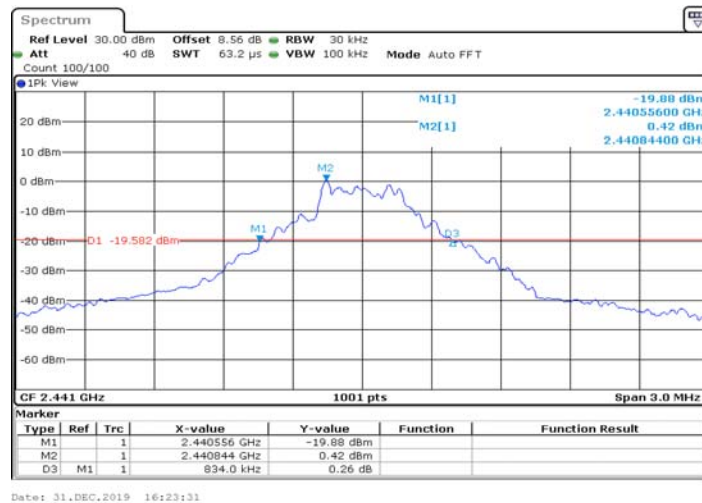
TestMode	Antenna	Channel	20db EBW[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.837	---	PASS
		2441	0.834	---	PASS
		2480	0.837	---	PASS
2DH1	Ant1	2402	1.260	---	PASS
		2441	1.260	---	PASS
		2480	1.263	---	PASS
3DH1	Ant1	2402	1.242	---	PASS
		2441	1.242	---	PASS
		2480	1.248	---	PASS

Test Graphs

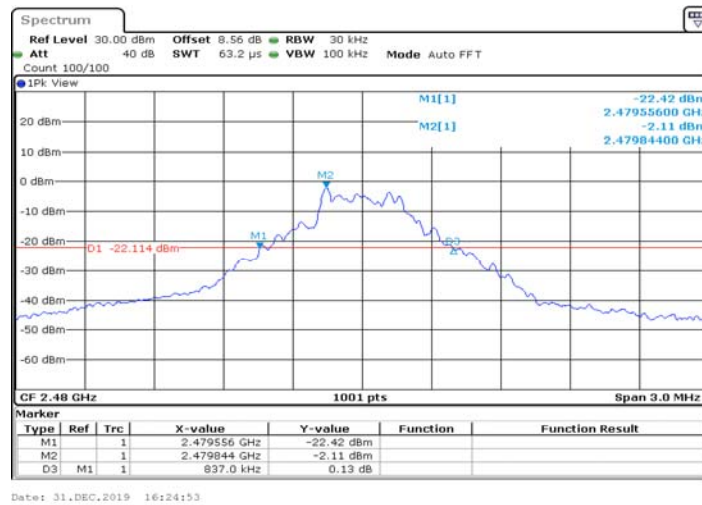
DH1_Ant1_2402



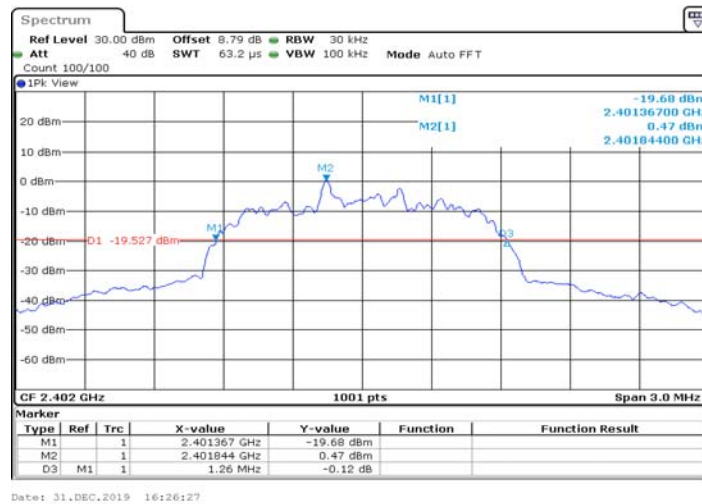
DH1_Ant1_2441



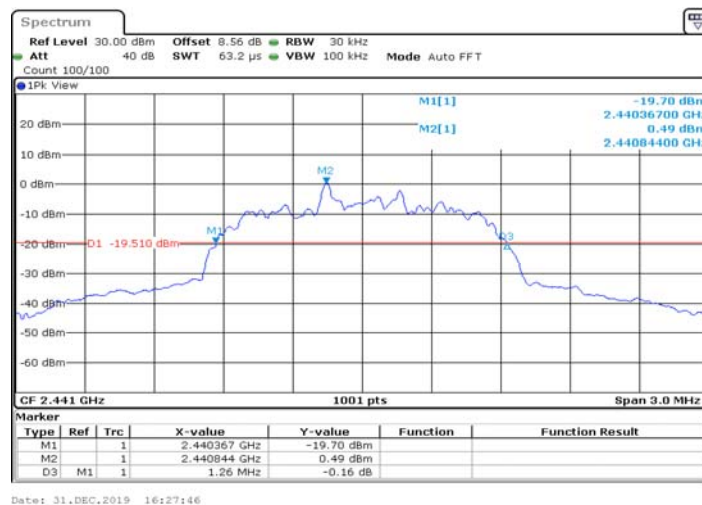
DH1_Ant1_2480



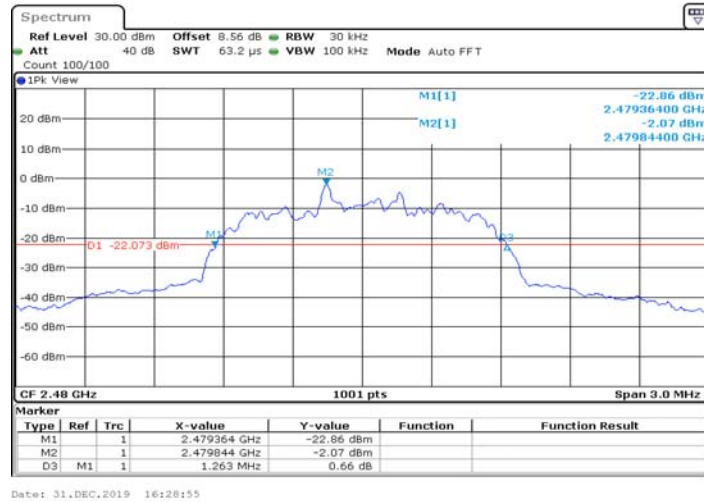
2DH1_Ant1_2402



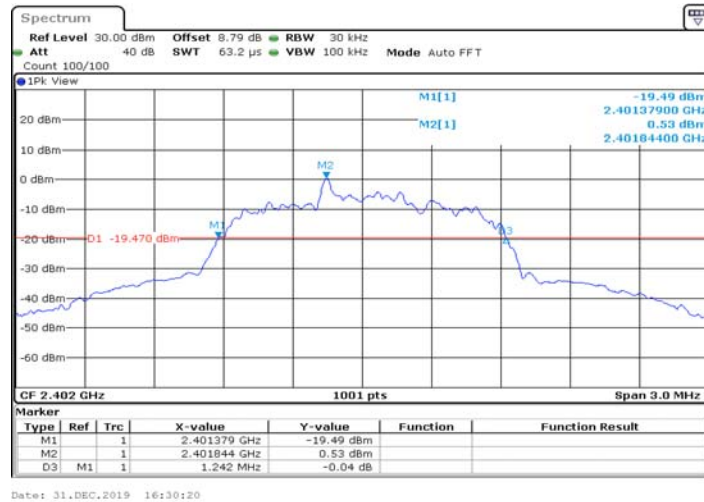
2DH1_Ant1_2441



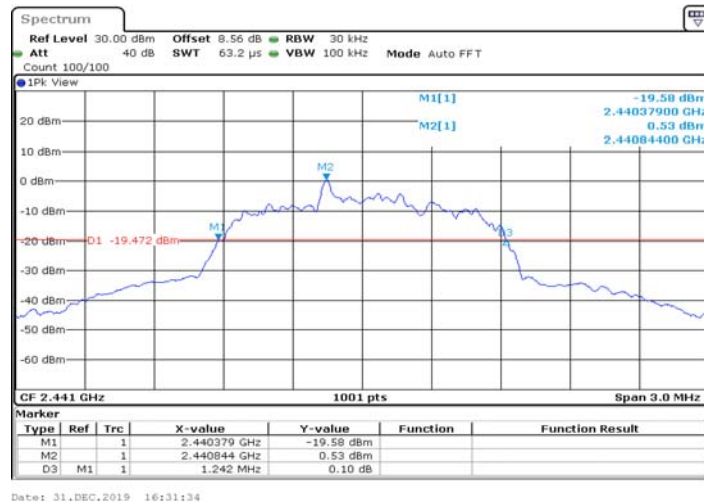
2DH1_Ant1_2480



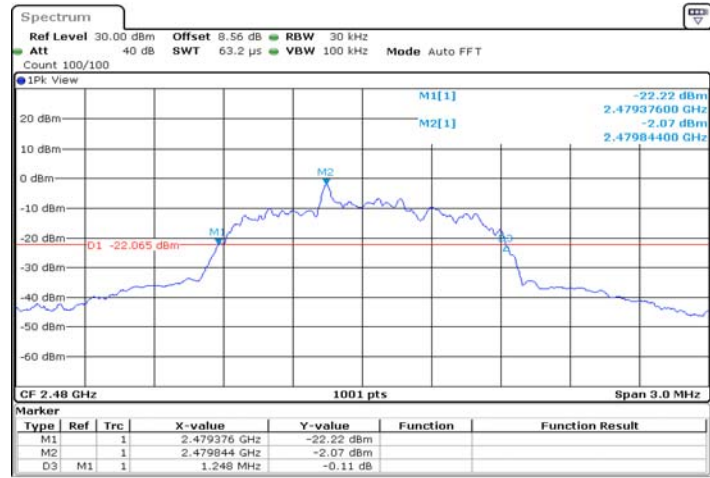
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



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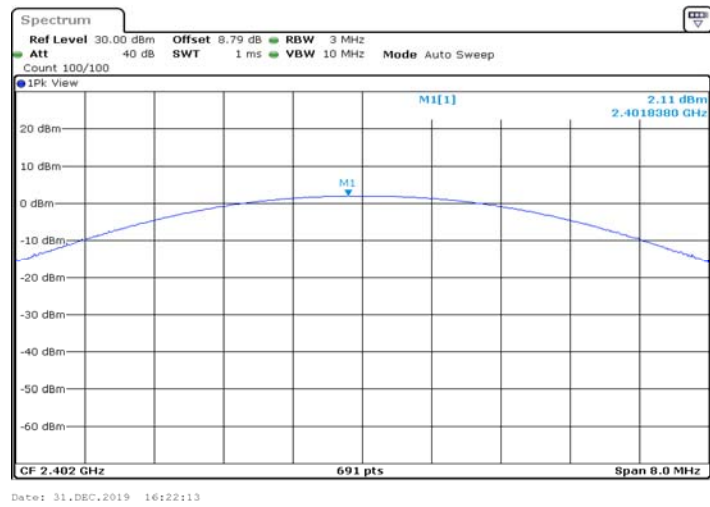
Appendix B: Maximum conducted output power

Test Result

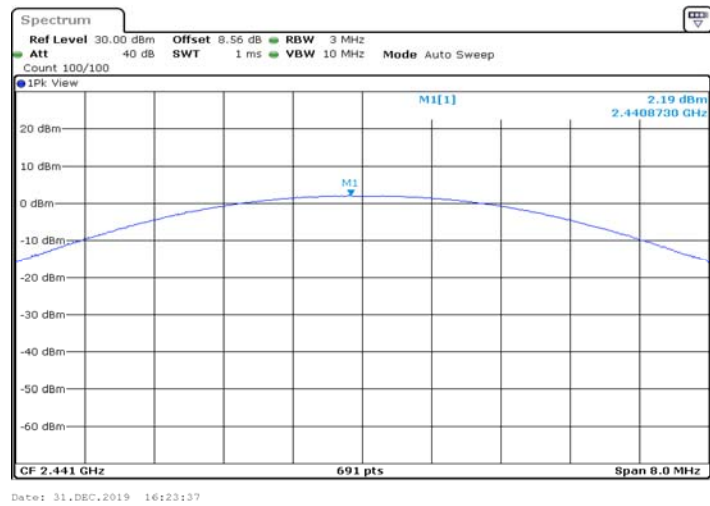
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	2.11	<=20.97	PASS
		2441	2.19	<=20.97	PASS
		2480	-0.22	<=20.97	PASS
2DH1	Ant1	2402	3.95	<=20.97	PASS
		2441	3.91	<=20.97	PASS
		2480	1.45	<=20.97	PASS
3DH1	Ant1	2402	4.59	<=20.97	PASS
		2441	4.46	<=20.97	PASS
		2480	2.11	<=20.97	PASS

Test Graphs

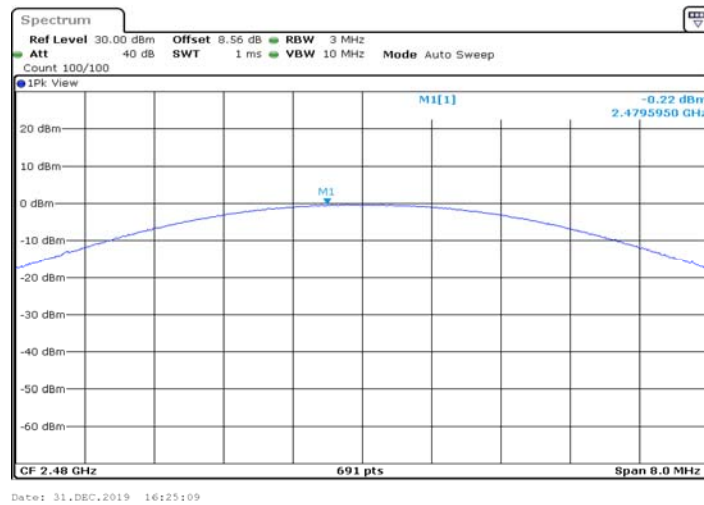
DH1_Ant1_2402



DH1_Ant1_2441



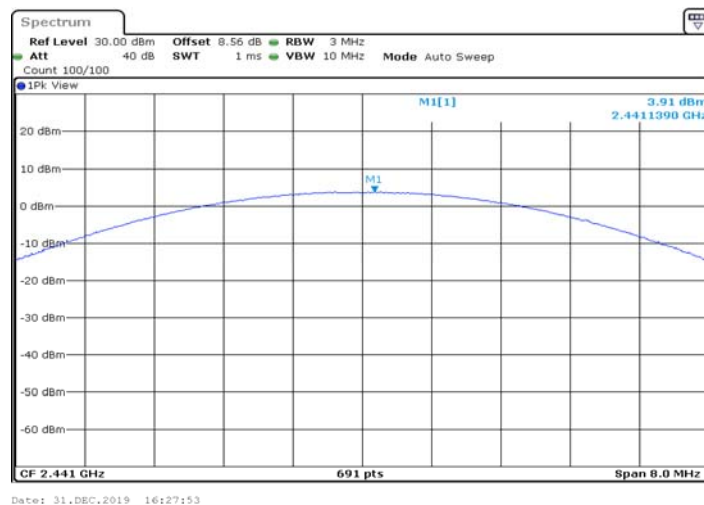
DH1_Ant1_2480



2DH1_Ant1_2402



2DH1_Ant1_2441



2DH1_Ant1_2480



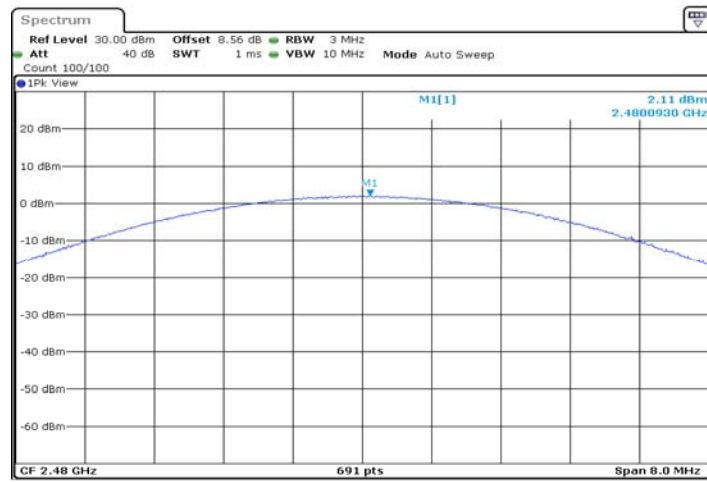
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



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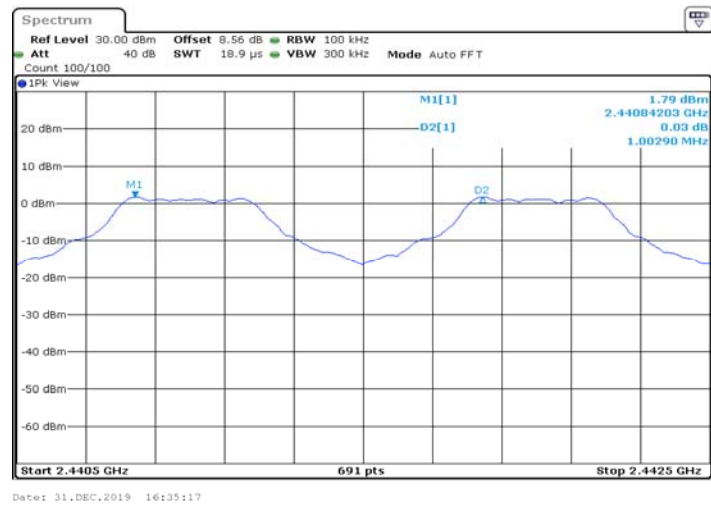
Appendix C: Carrier frequency separation

Test Result

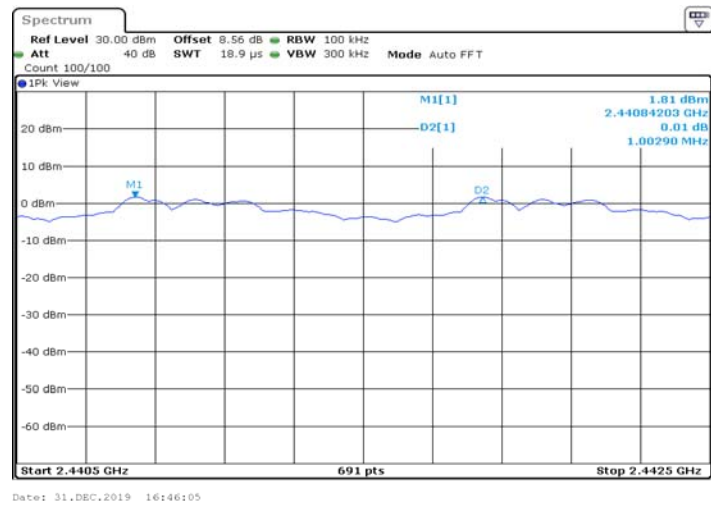
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.003	≥ 0.556	PASS
2DH1	Ant1	Hop	1.003	≥ 0.840	PASS
3DH1	Ant1	Hop	1.003	≥ 0.828	PASS

Test Graphs

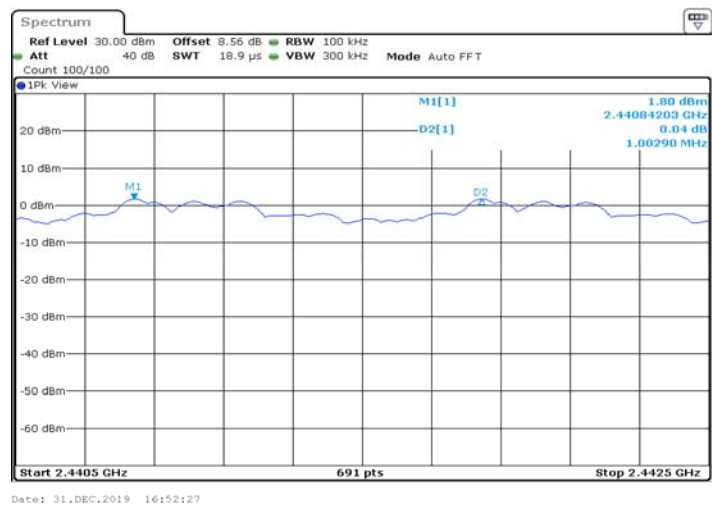
DH1_Ant1_Hop



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	0.39	320	0.124	≤ 0.4	PASS
DH3	Ant1	Hop	1.64	160	0.262	≤ 0.4	PASS
DH5	Ant1	Hop	1.64	190	0.311	≤ 0.4	PASS
2DH1	Ant1	Hop	0.38	320	0.122	≤ 0.4	PASS
2DH3	Ant1	Hop	1.62	180	0.292	≤ 0.4	PASS
2DH5	Ant1	Hop	2.86	120	0.344	≤ 0.4	PASS
3DH1	Ant1	Hop	0.38	320	0.121	≤ 0.4	PASS
3DH3	Ant1	Hop	1.62	140	0.227	≤ 0.4	PASS
3DH5	Ant1	Hop	2.86	90	0.258	≤ 0.4	PASS

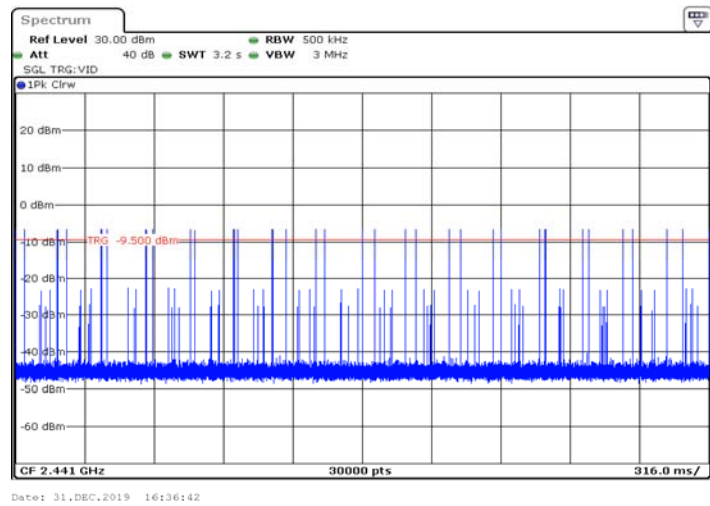
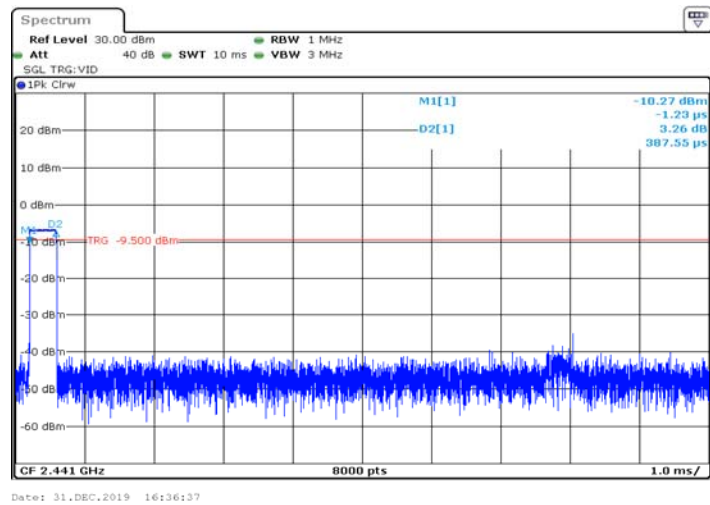
Note 1: A period time= $0.4 \times 79 = 31.6(S)$, Total of Dwell=Pluse Time*Hopping Number

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

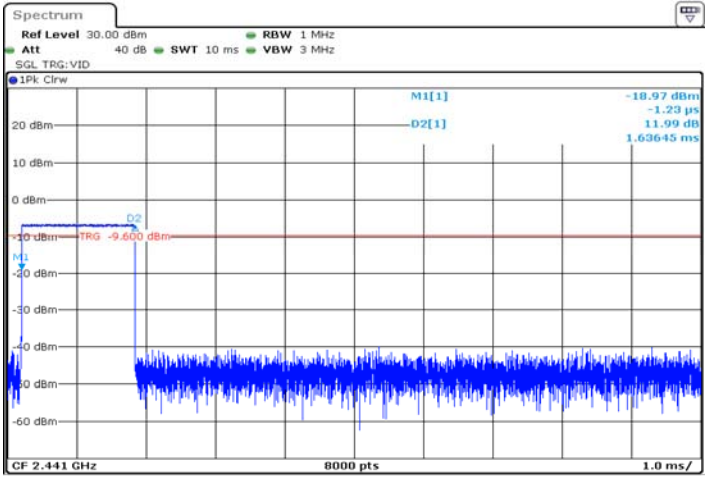
Note 3: Hoping Number in $3.16s$ =Total of highest signals in $3.16s$ (Secong high signals were other channel)

Test Graphs

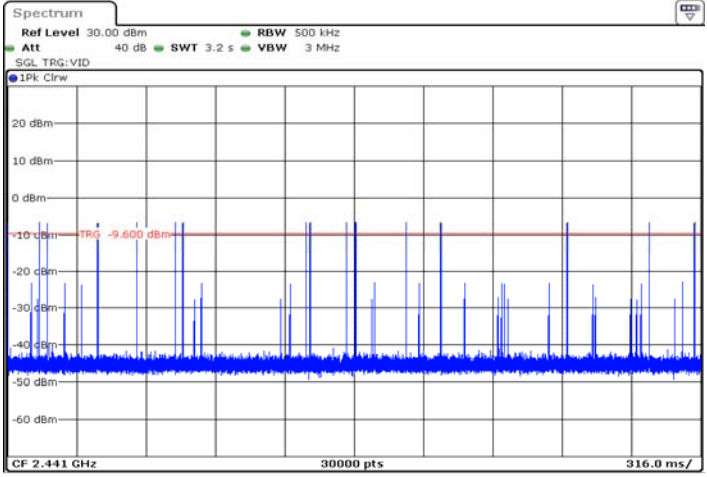
DH1_Ant1_Hop



DH3_Ant1_Hop

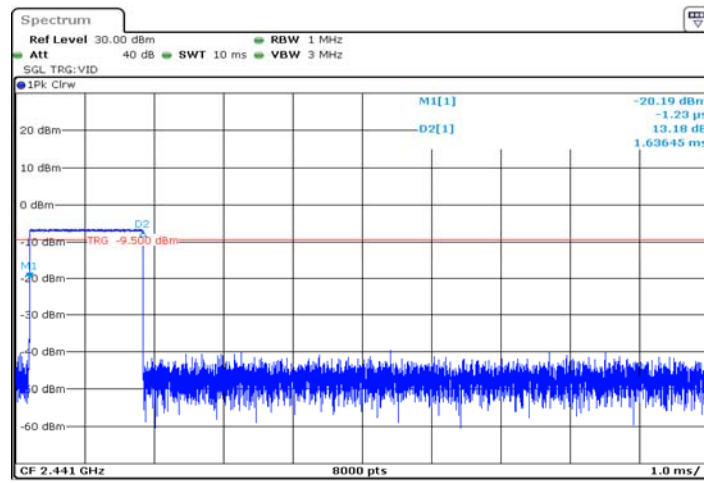


Date: 31.DEC.2019 16:37:47

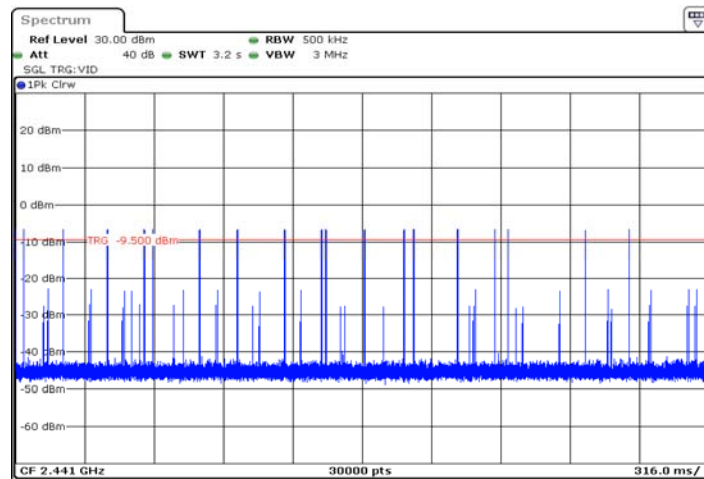


Date: 31.DEC.2019 16:37:53

DH5_Ant1_Hop

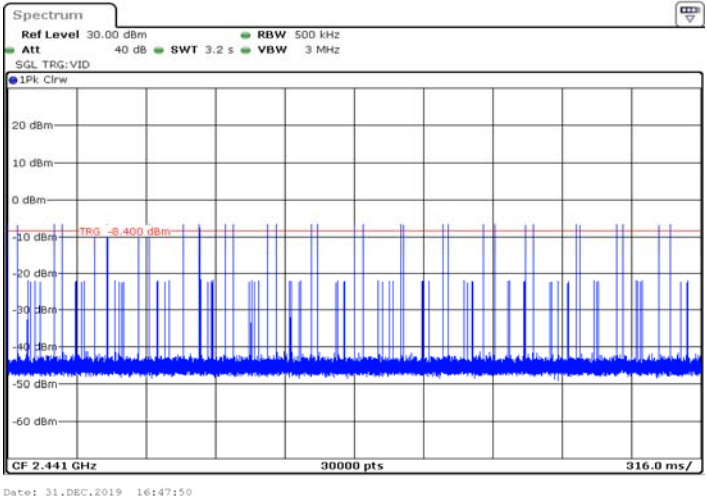
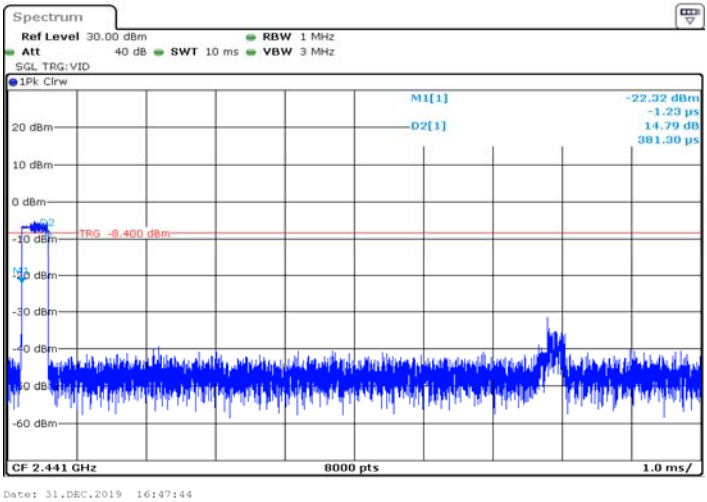


Date: 31.DEC.2019 16:38:18

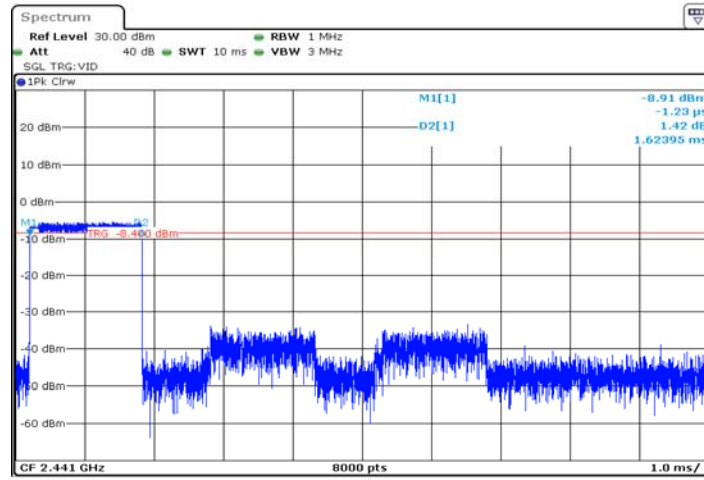


Date: 31.DEC.2019 16:38:24

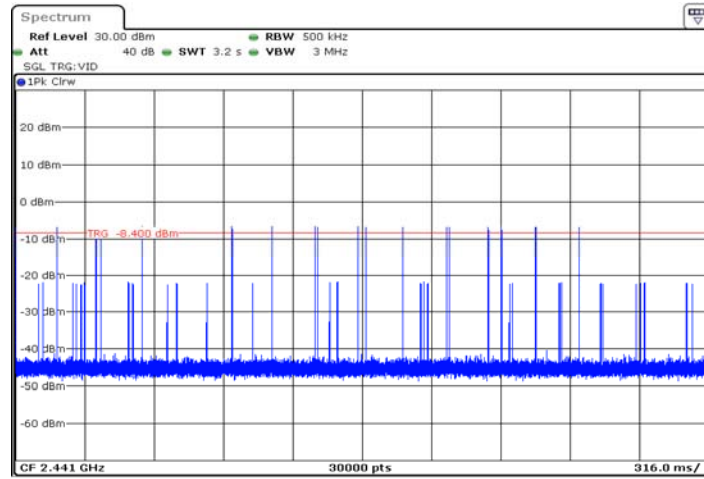
2DH1_Ant1_Hop



2DH3_Ant1_Hop

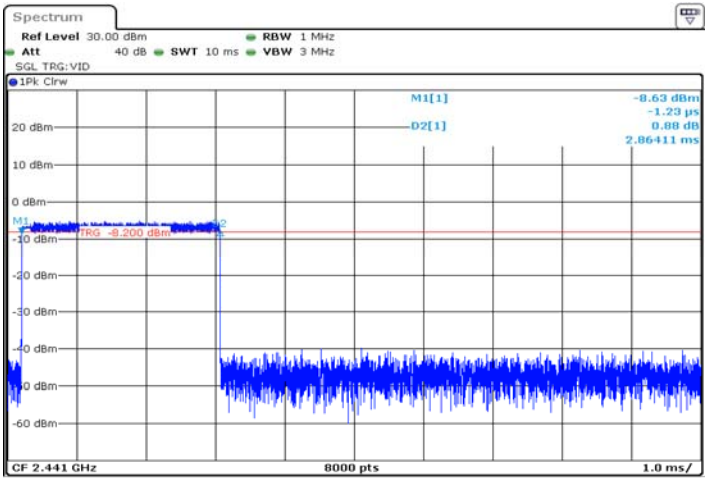


Date: 31.DEC.2019 16:48:59

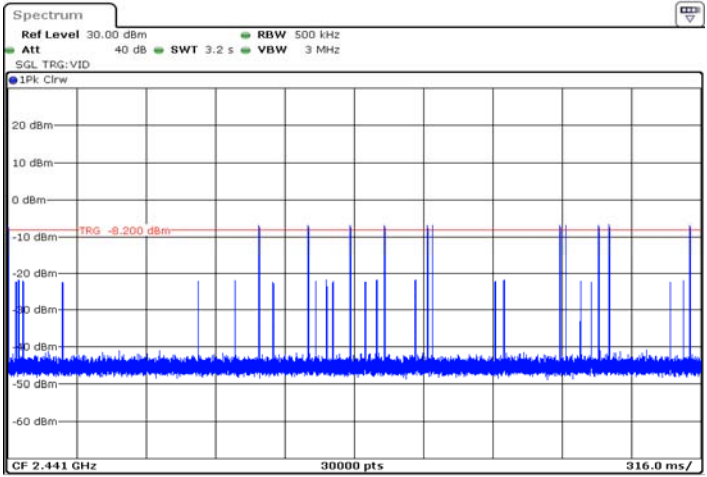


Date: 31.DEC.2019 16:49:04

2DH5_Ant1_Hop

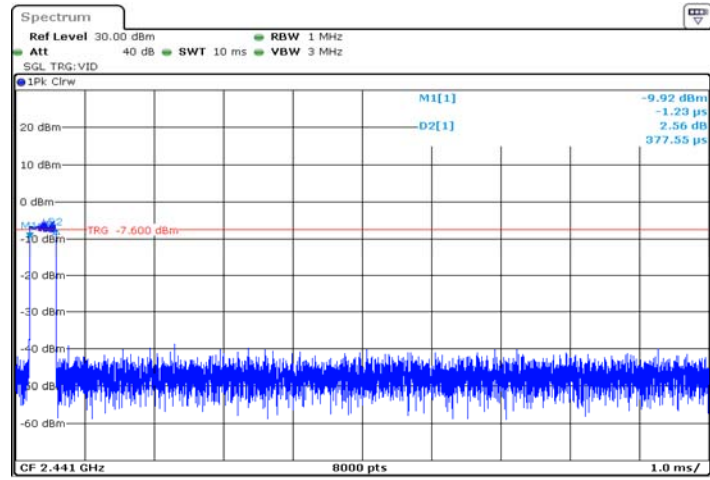


Date: 31.DEC.2019 17:01:55

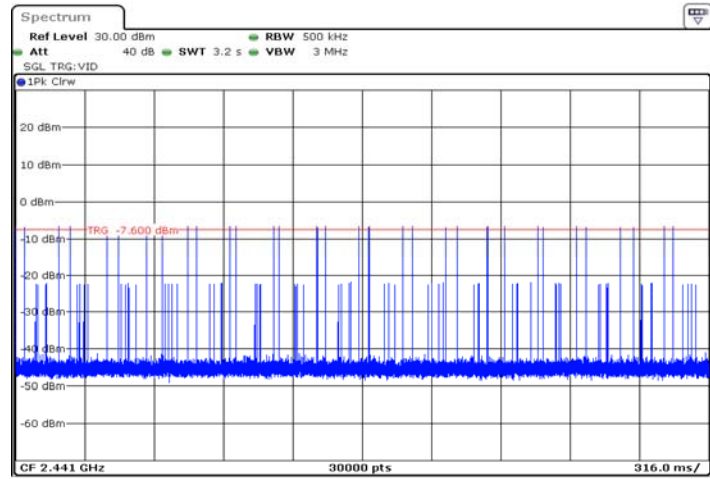


Date: 31.DEC.2019 17:02:01

3DH1_Ant1_Hop

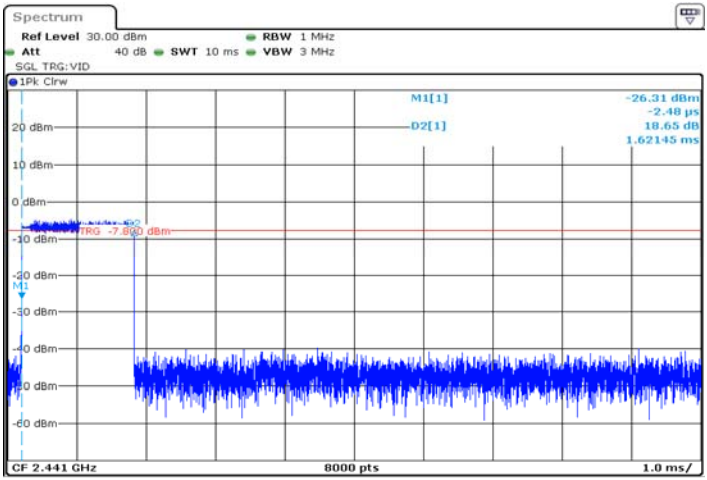


Date: 31.DEC.2019 16:53:50

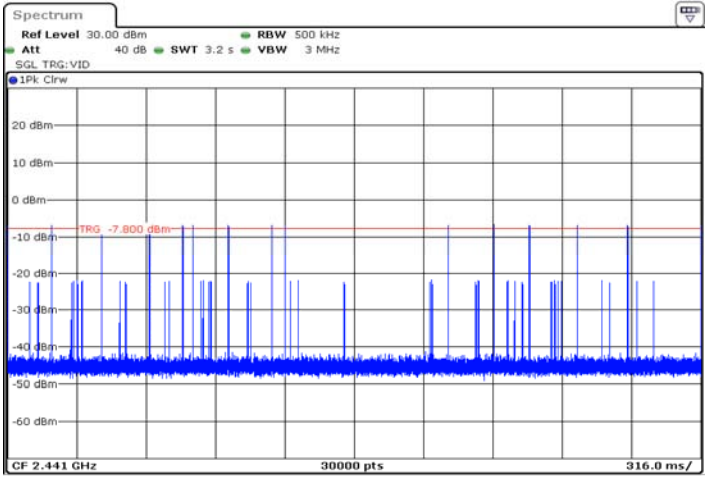


Date: 31.DEC.2019 16:53:56

3DH3_Ant1_Hop

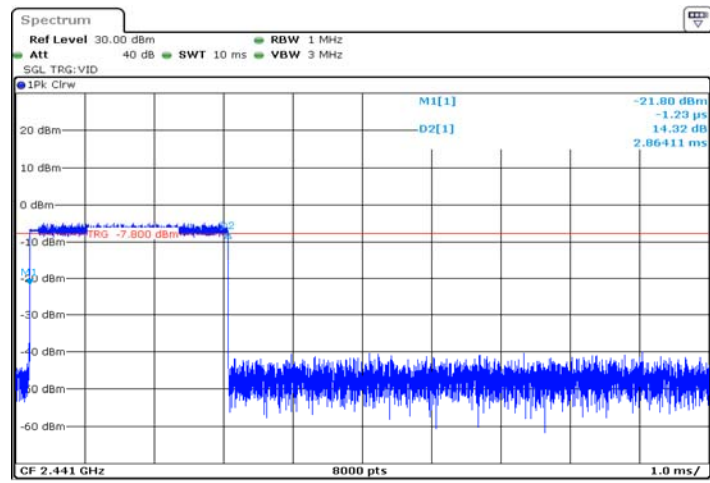


Date: 31.DEC.2019 16:55:34

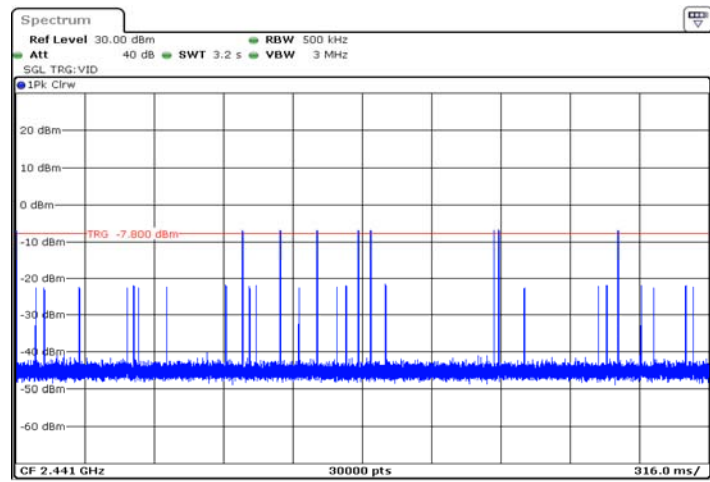


Date: 31.DEC.2019 16:55:40

3DH5_Ant1_Hop



Date: 31.DEC.2019 16:56:39



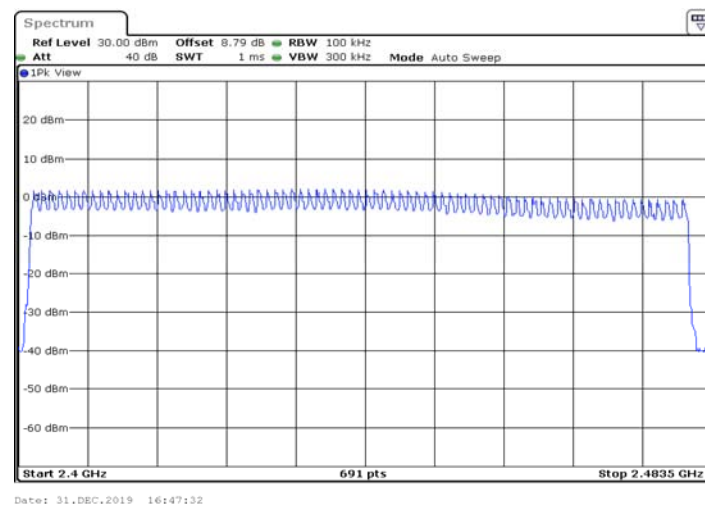
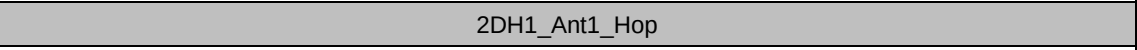
Date: 31.DEC.2019 16:56:45

Appendix E: Number of hopping channels

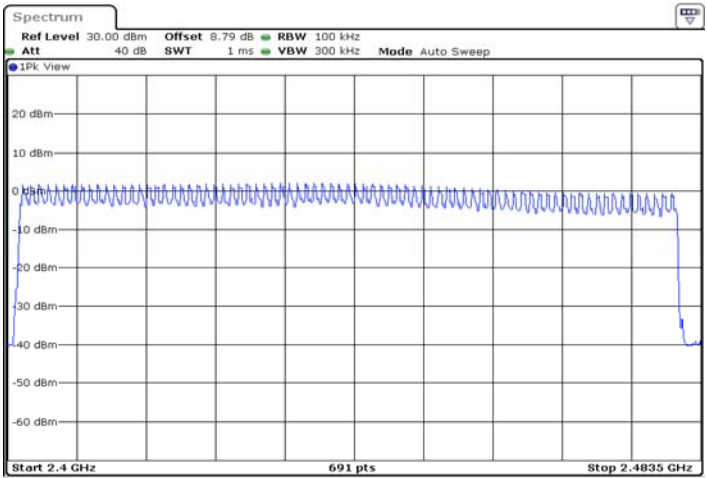
Test Result

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

DH1_Ant1_Hop



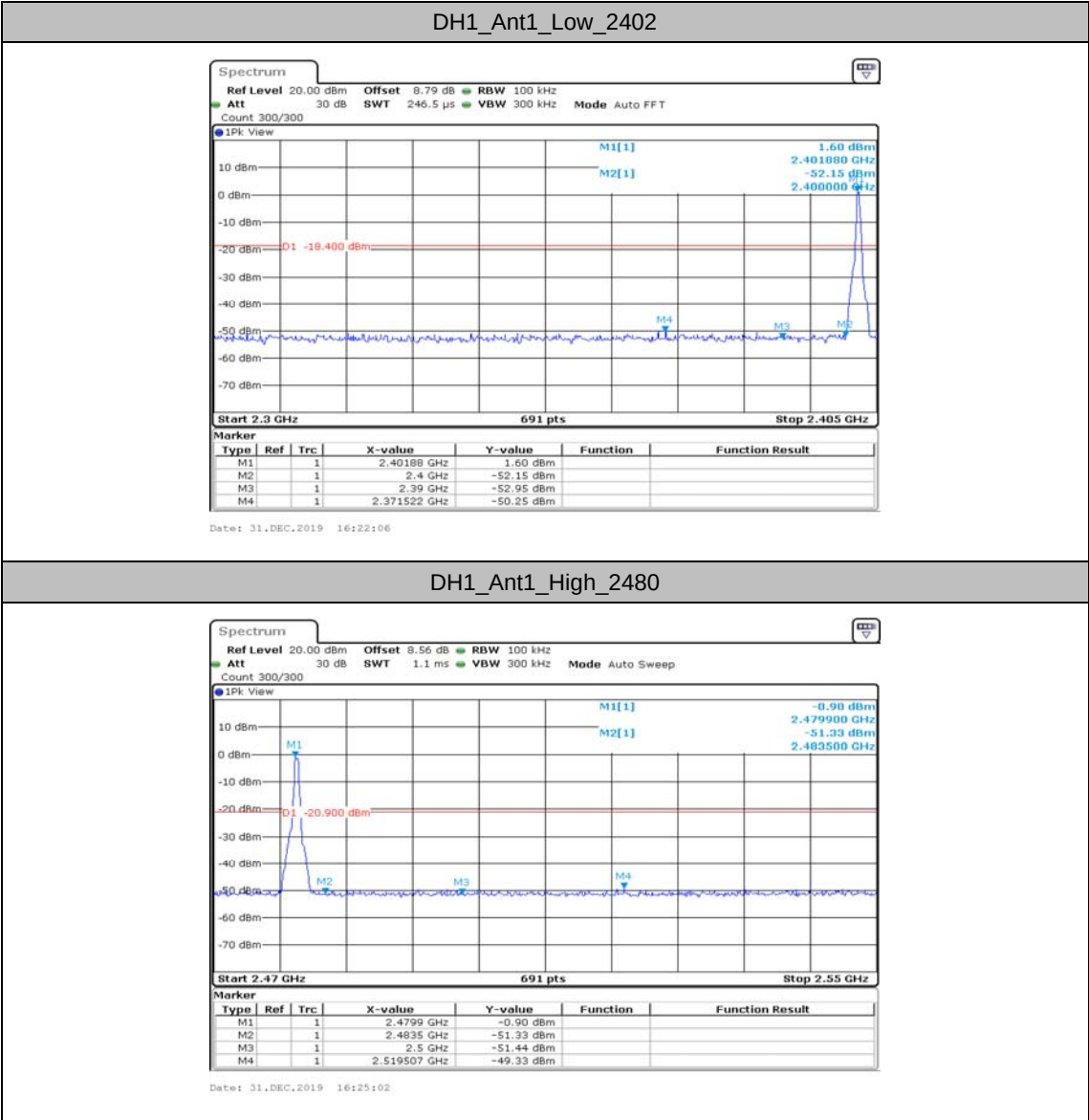
3DH1_Ant1_Hop



Date: 31.DEC.2019 16:53:38

Appendix F:Band edge measurements

Test Graphs



DH1_Ant1_High_2480

Spectrum

Ref Level 20.00 dBm
Att 30 dB
Count 300/300

Offset 8.56 dB
SWT 1.1 ms
RBW 100 kHz
VBW 300 kHz
Mode Auto Sweep

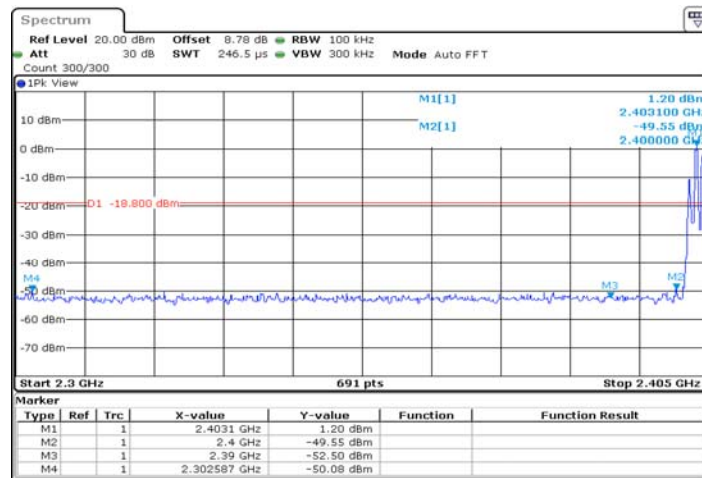
1Pk View

M1[1] -0.90 dBm
2.479900 GHz
M2[1] -51.33 dBm
2.483500 GHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	2.4799 GHz	-0.90 dBm		
M2			1	2.4835 GHz	-51.33 dBm		
M3			1	2.5 GHz	-51.44 dBm		
M4			1	2.519507 GHz	-49.33 dBm		

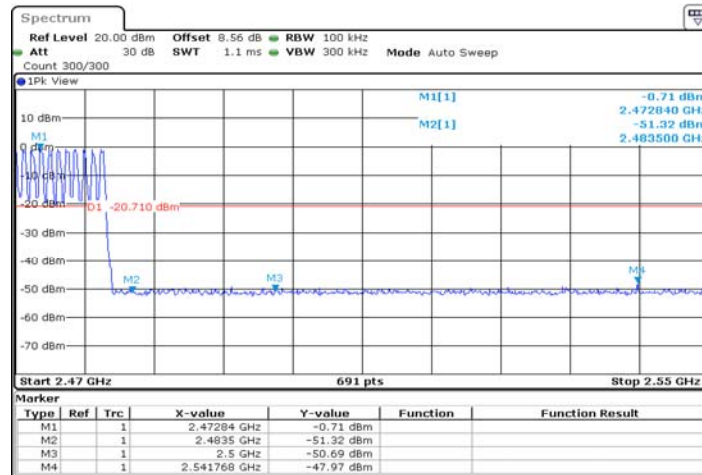
Date: 31.DECEMBER 2019 16:25:02

DH1_Ant1_Low_Hop_2402



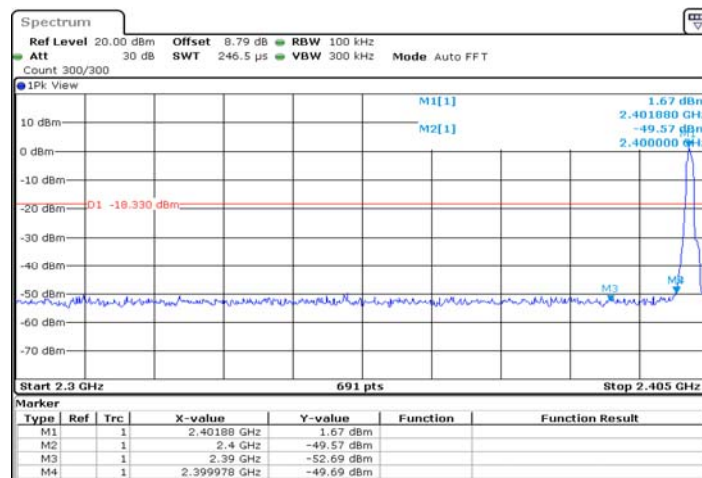
Date: 31.DEC.2019 16:34:36

DH1_Ant1_High_Hop_2480



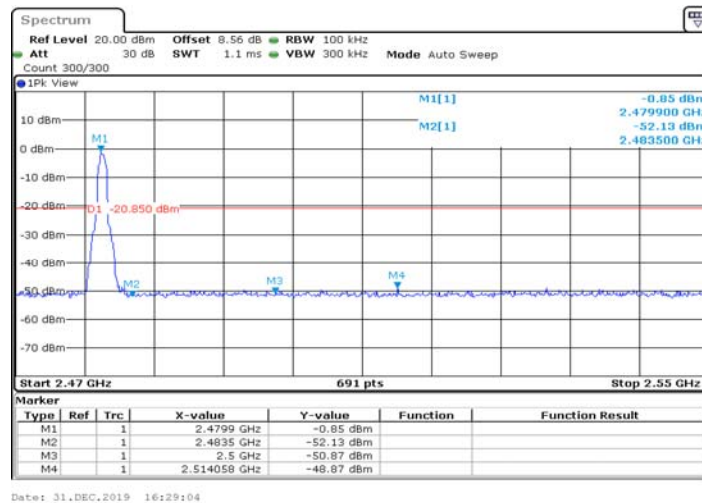
Date: 31.DEC.2019 16:36:56

2DH1_Ant1_Low_2402

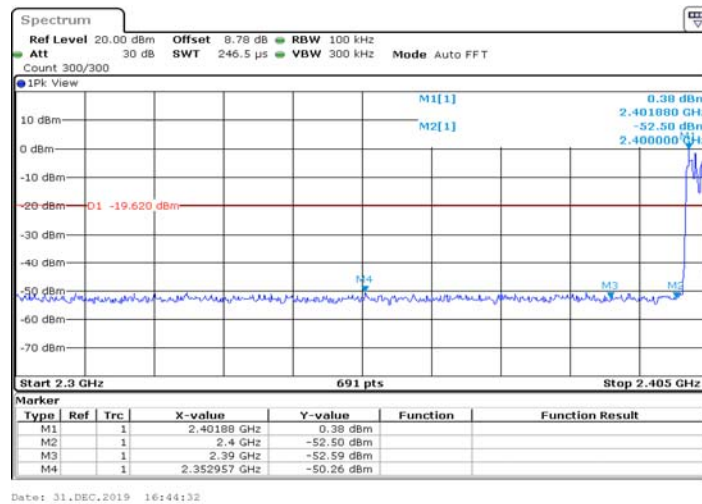


Date: 31.DEC.2019 16:26:36

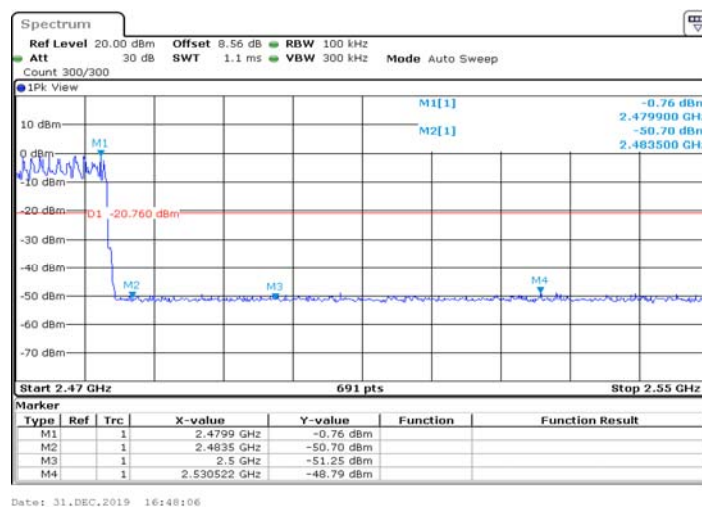
2DH1_Ant1_High_2480



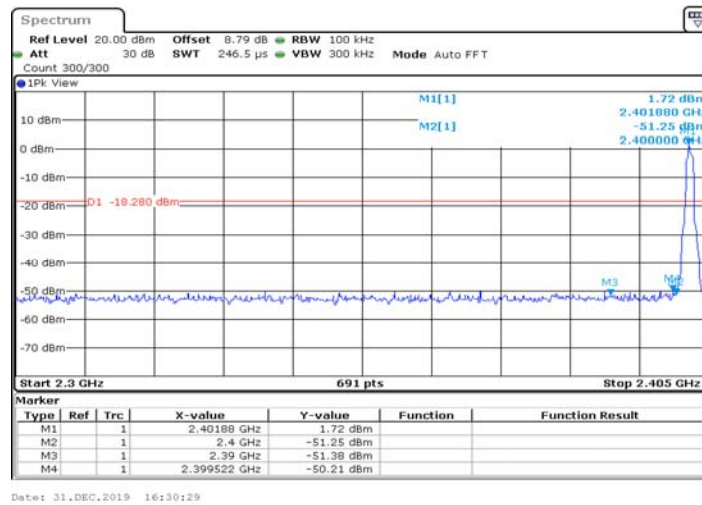
2DH1_Ant1_Low_Hop_2402



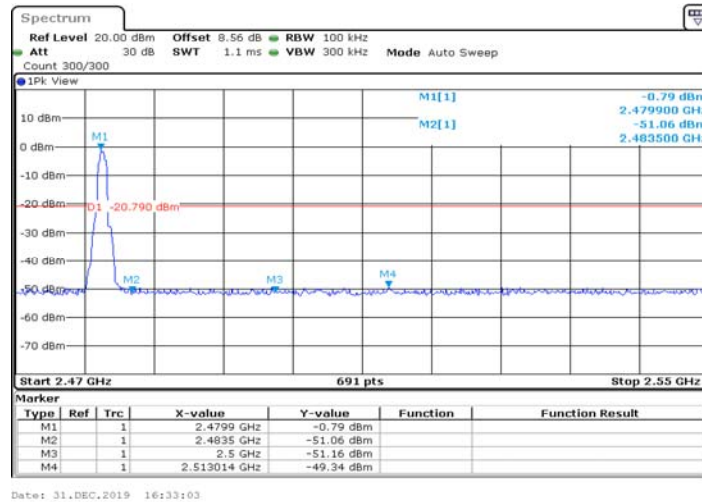
2DH1_Ant1_High_Hop_2480



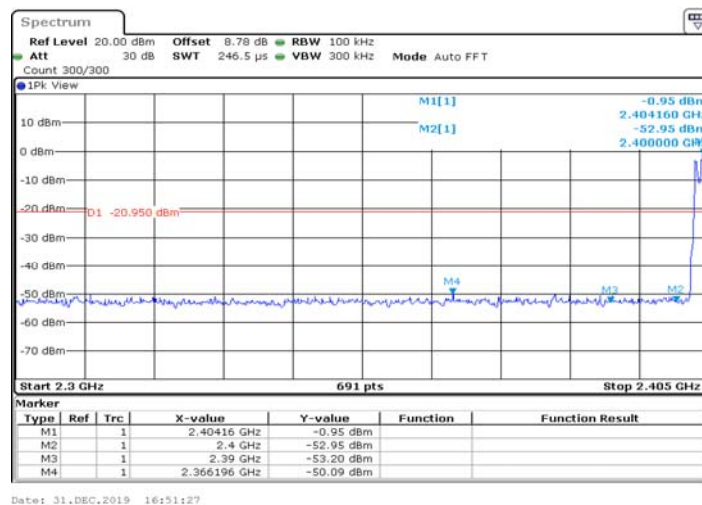
3DH1_Ant1_Low_2402



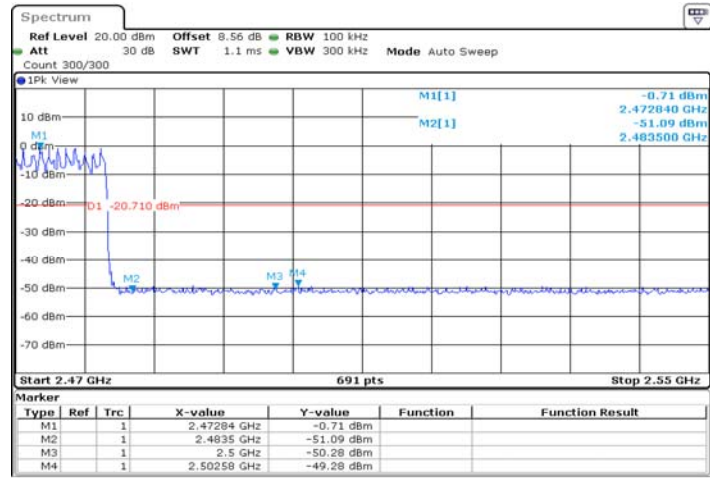
3DH1_Ant1_High_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480



Date: 31.DEC.2019 16:54:08