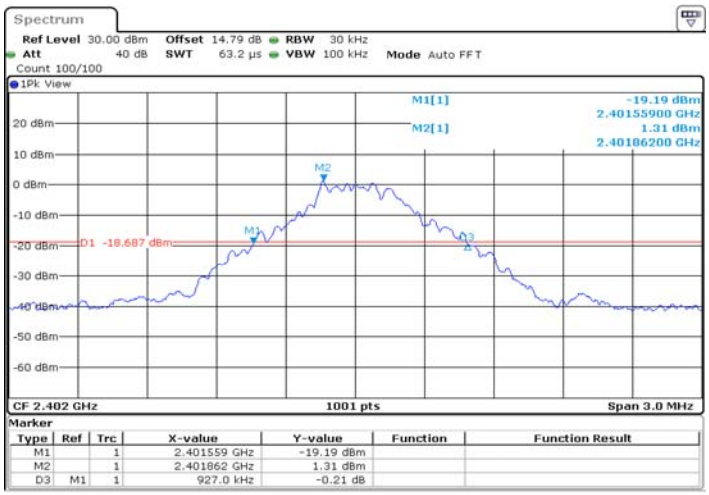
Appendix A: 20dBEmission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.927	2401.559	2402.486	---	PASS
		2441	0.924	2440.562	2441.486	---	PASS
		2480	0.924	2479.562	2480.486	---	PASS
2DH1	Ant1	2402	1.245	2401.394	2402.639	---	PASS
		2441	1.245	2440.394	2441.639	---	PASS
		2480	1.248	2479.394	2480.642	---	PASS
3DH1	Ant1	2402	1.215	2401.427	2402.642	---	PASS
		2441	1.215	2440.427	2441.642	---	PASS
		2480	1.218	2479.427	2480.645	---	PASS

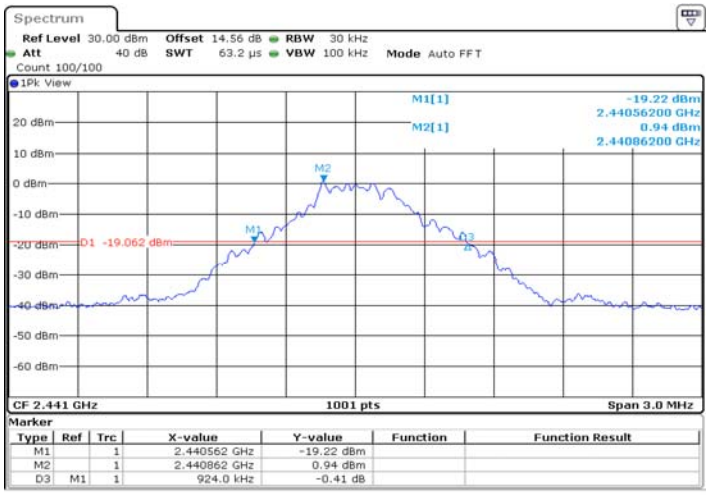
Test Graphs

DH1_Ant1_2402



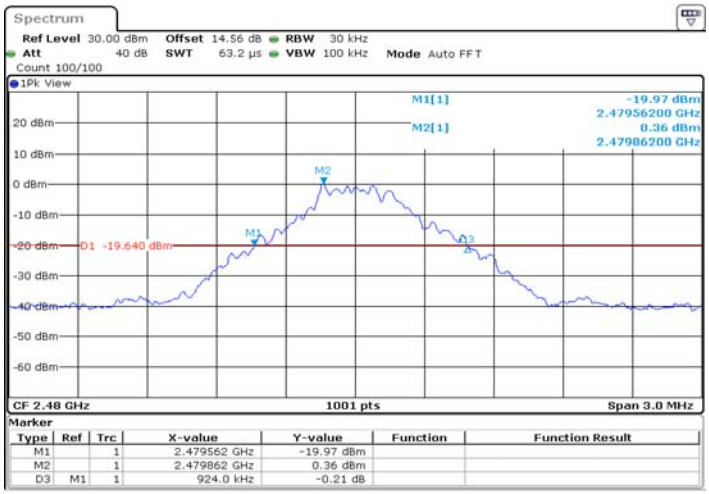
Date: 3.DEC.2019 14:00:24

DH1_Ant1_2441



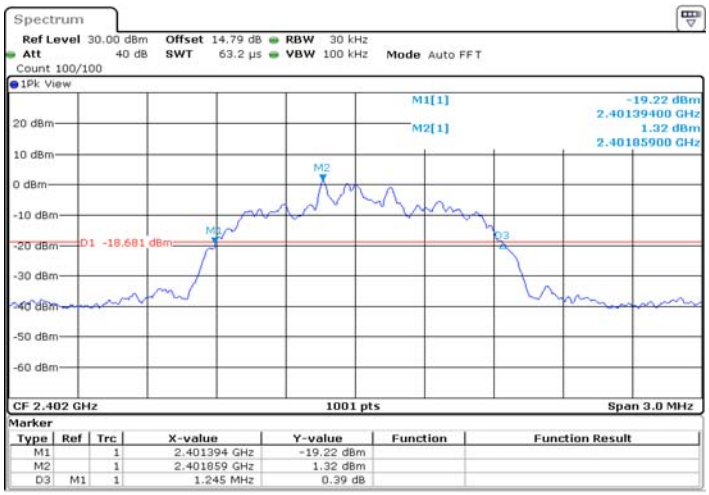
Date: 3.DEC.2019 14:01:50

DH1_Ant1_2480



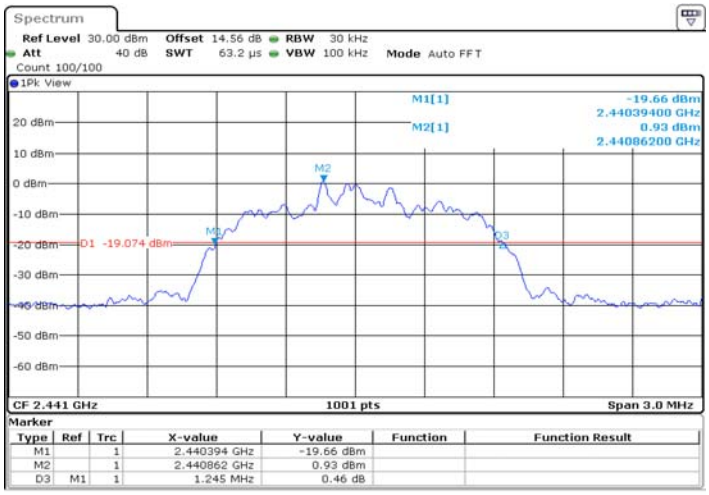
Date: 3.DEC.2019 14:02:59

2DH1_Ant1_2402



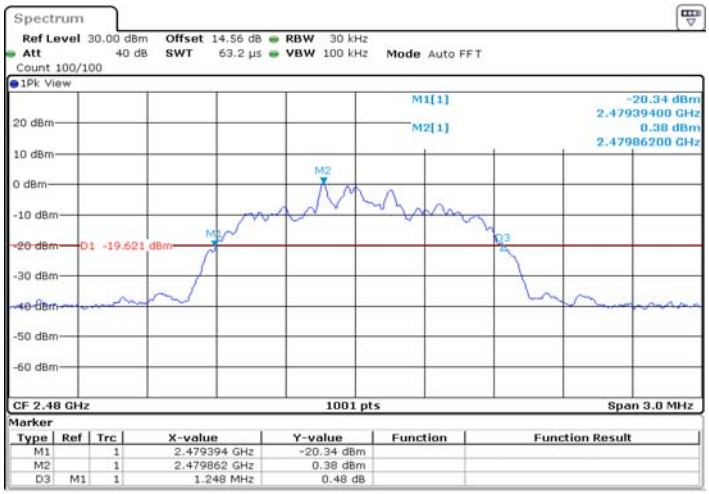
Date: 3.DEC.2019 14:04:02

2DH1_Ant1_2441



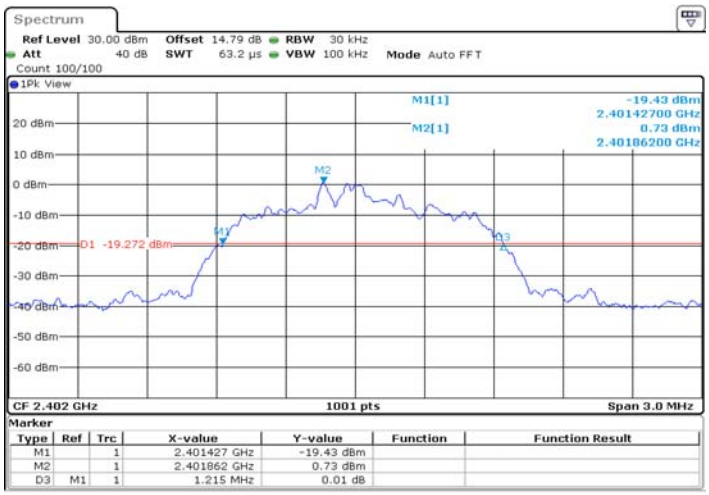
Date: 3.DEC.2019 14:04:50

2DH1_Ant1_2480



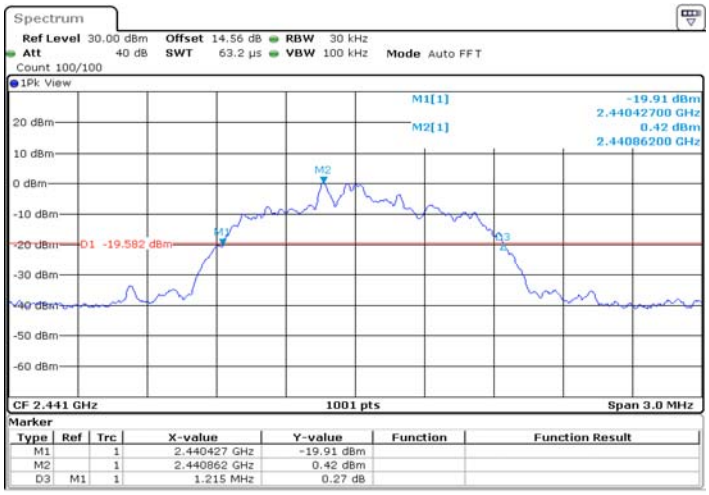
Date: 3.DEC.2019 14:05:30

3DH1_Ant1_2402



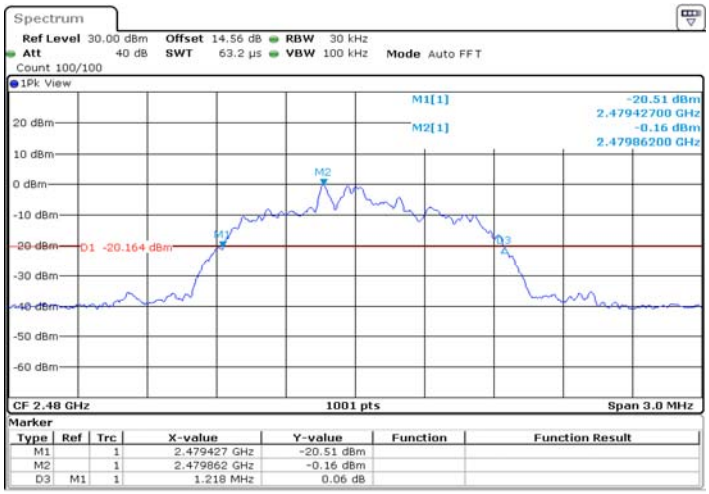
Date: 3.DEC.2019 14:06:23

3DH1_Ant1_2441



Date: 3.DEC.2019 14:07:14

3DH1_Ant1_2480



Date: 3.DEC.2019 14:07:56

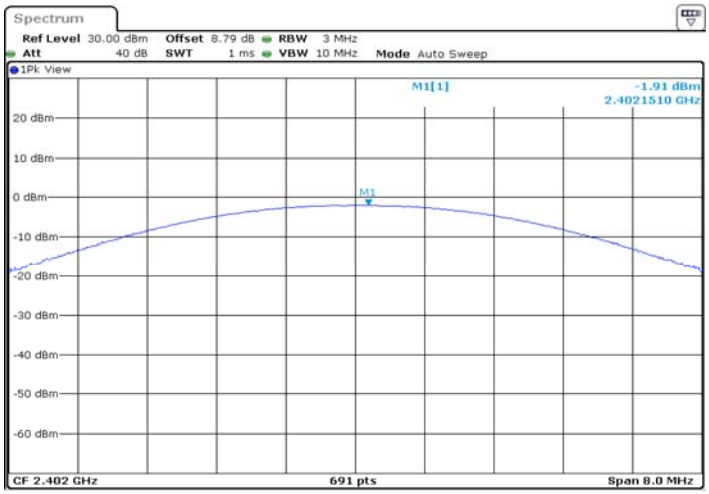
Appendix B: Maximum conducted output power

Test Result

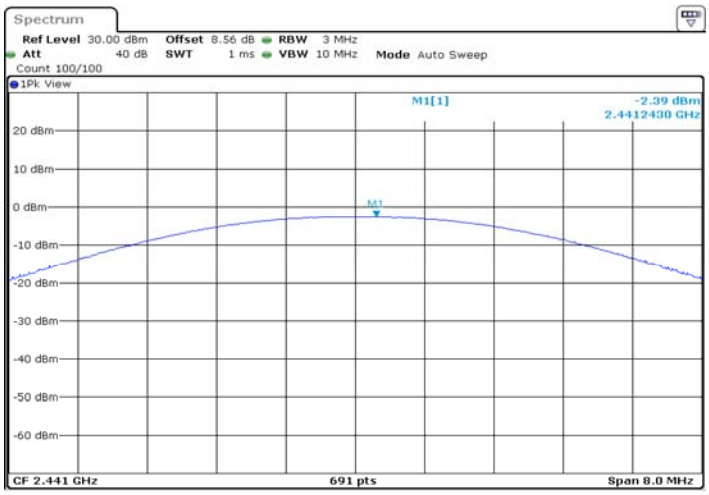
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	-1.91	<=21	PASS
		2441	-2.39	<=21	PASS
		2480	-3.06	<=21	PASS
2DH1	Ant1	2402	-1.2	<=21	PASS
		2441	-1.71	<=21	PASS
		2480	-2.5	<=21	PASS
3DH1	Ant1	2402	-0.53	<=21	PASS
		2441	-1.08	<=21	PASS
		2480	-1.89	<=21	PASS

Test Graphs

DH1_Ant1_2402

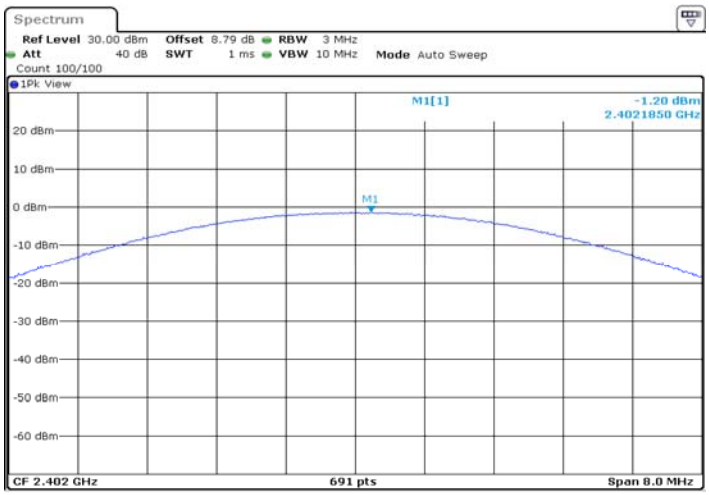


DH1_Ant1_2441



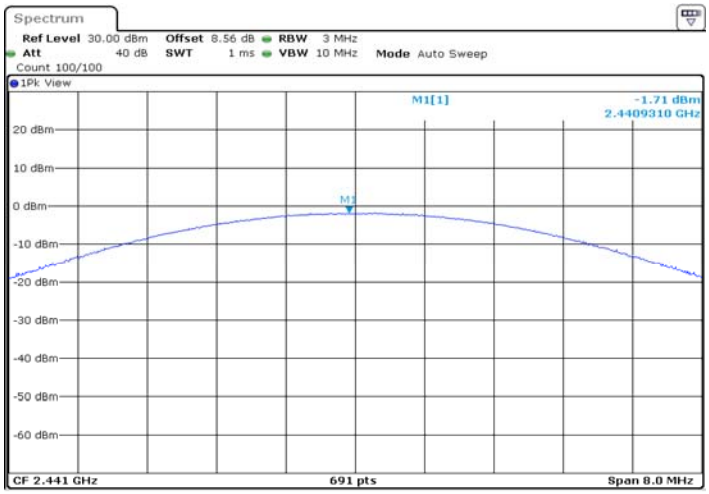
DH1_Ant1_2480

2DH1_Ant1_2402



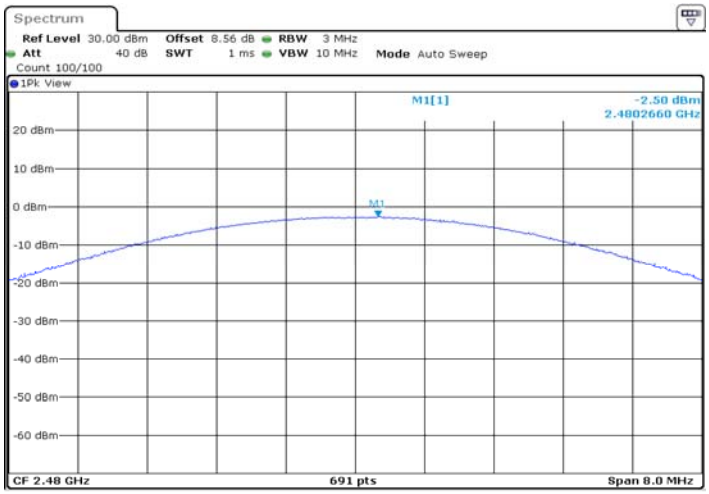
Date: 3.DEC.2019 14:56:56

2DH1_Ant1_2441

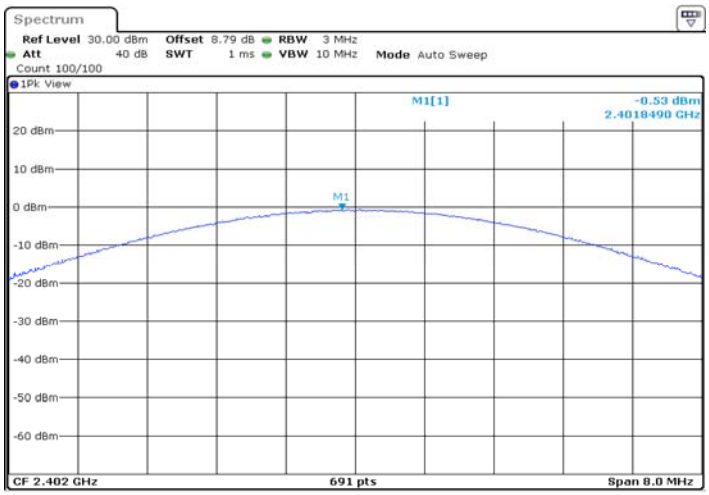
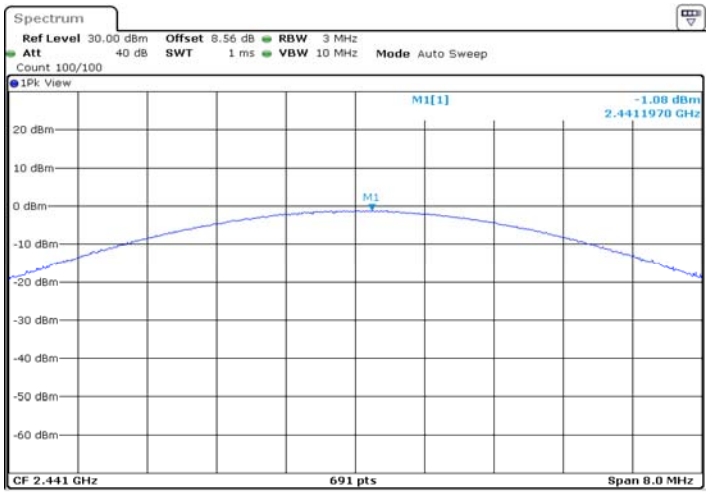
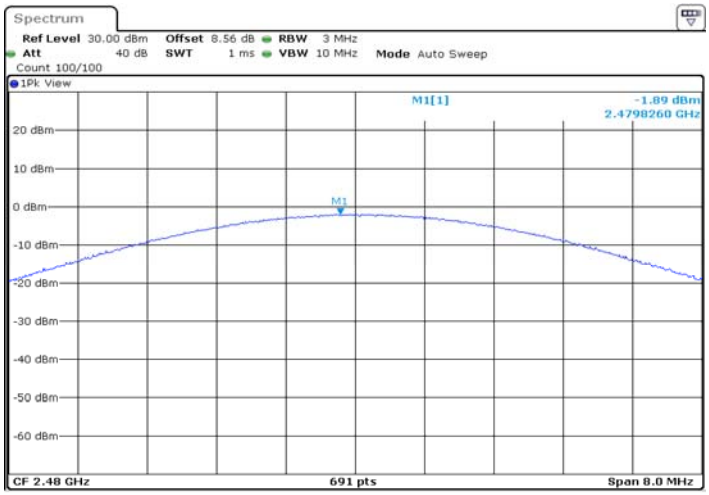


Date: 3.DEC.2019 14:57:20

2DH1_Ant1_2480



Date: 3.DEC.2019 14:59:02

3DH1_Ant1_2402
 Date: 3.DEC.2019 14:59:30
3DH1_Ant1_2441
 Date: 3.DEC.2019 14:59:51
3DH1_Ant1_2480
 Date: 3.DEC.2019 15:00:10

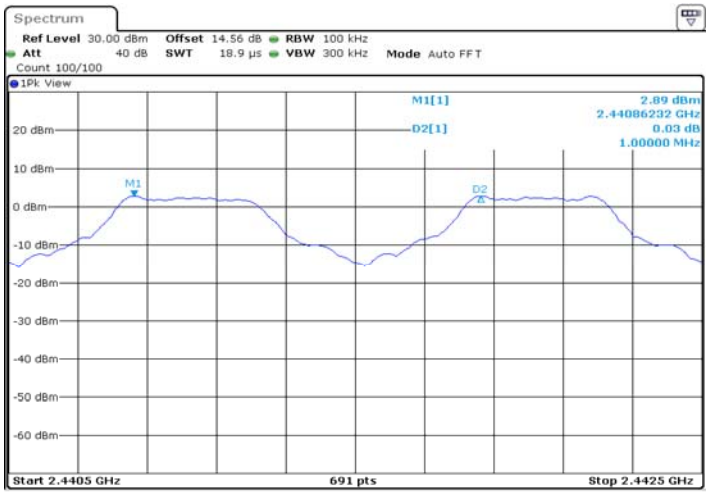
Appendix C: Carrier frequency separation

Test Result

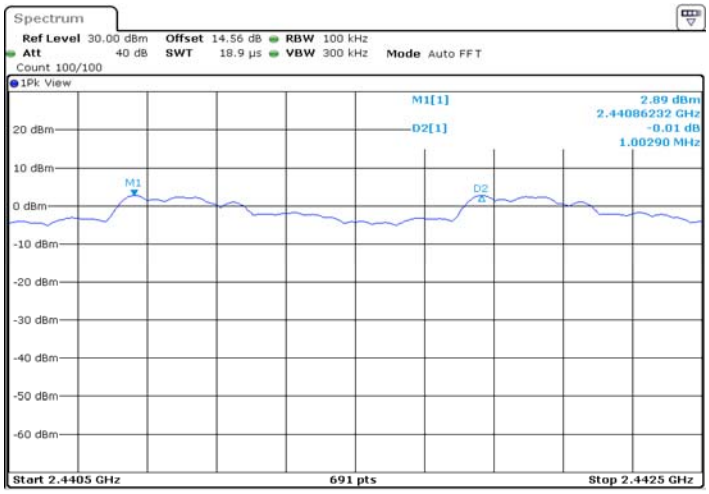
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1	>=0.616	PASS
2DH1	Ant1	Hop	1.003	>=0.830	PASS
3DH1	Ant1	Hop	1	>=0.810	PASS

Test Graphs

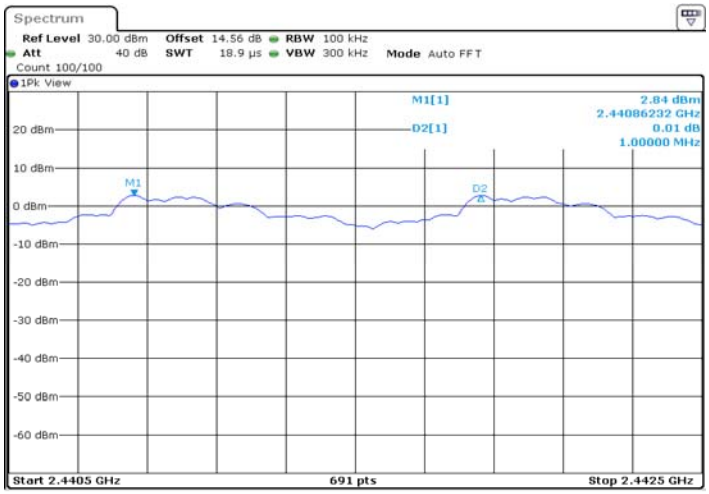
DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop



Appendix D: Time of occupancy

Test Result

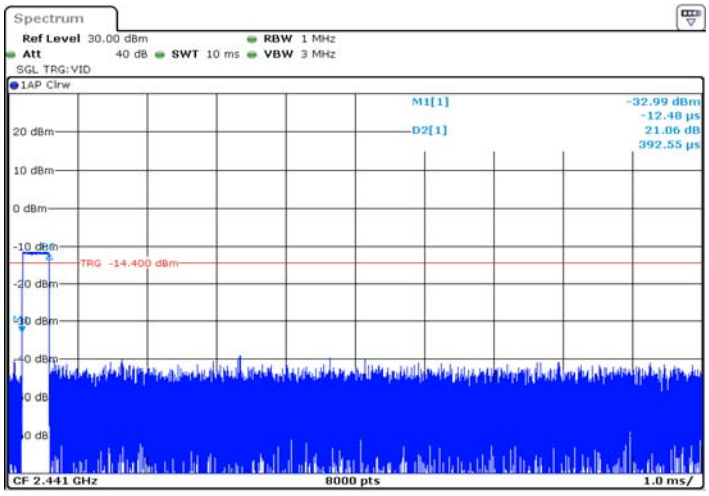
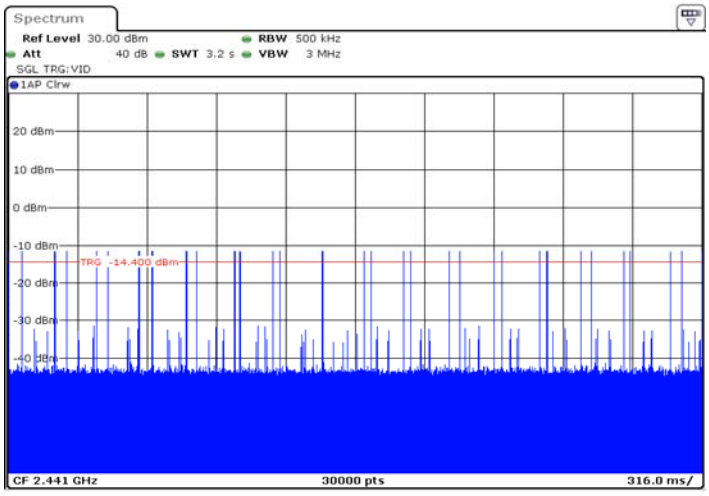
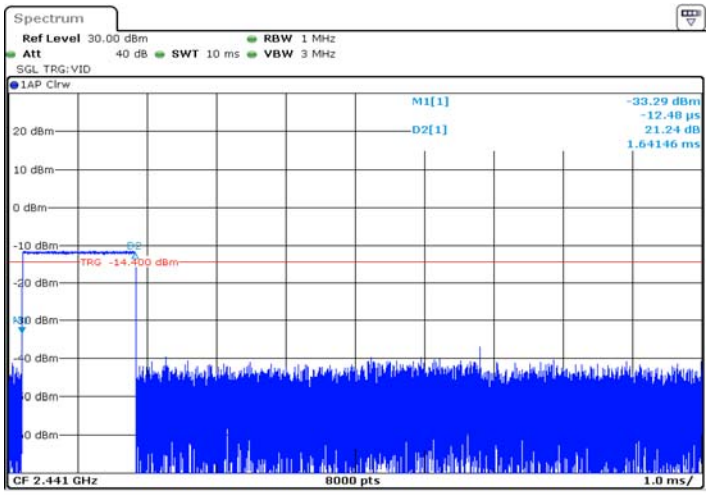
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	320	0.126	<=0.4	PASS
DH3	Ant1	Hop	1.64	140	0.23	<=0.4	PASS
DH5	Ant1	Hop	2.88	90	0.259	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	<=0.4	PASS
2DH3	Ant1	Hop	1.65	150	0.247	<=0.4	PASS
2DH5	Ant1	Hop	2.89	120	0.347	<=0.4	PASS
3DH1	Ant1	Hop	0.41	320	0.13	<=0.4	PASS
3DH3	Ant1	Hop	1.65	180	0.296	<=0.4	PASS
3DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS

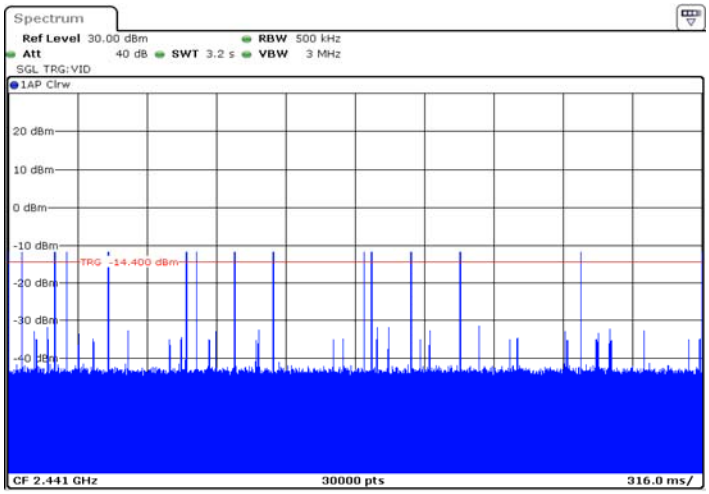
Note: Note 1： A period time=0.4*79=31.6(S), Total of Dwell=Pluse Time*Hopping Number

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

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

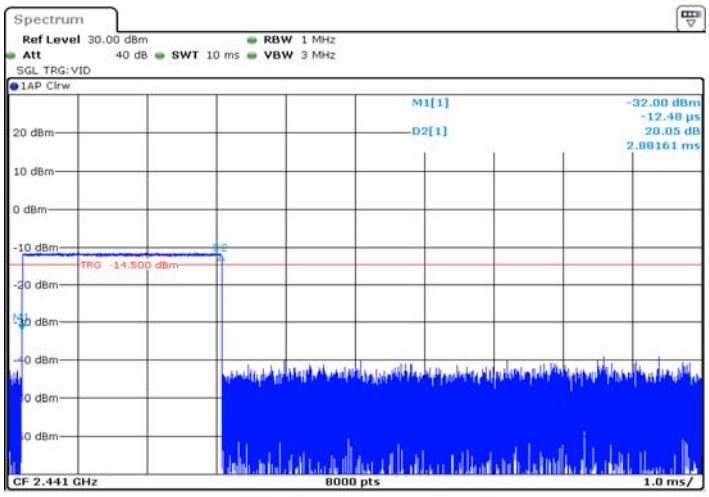
Test Graphs

DH1_Ant1_Hop


DH3_Ant1_Hop


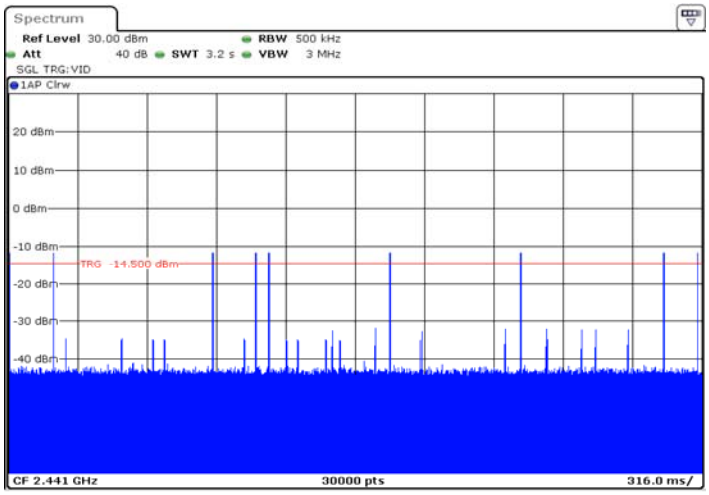


Date: 3.DEC.2019 14:20:01

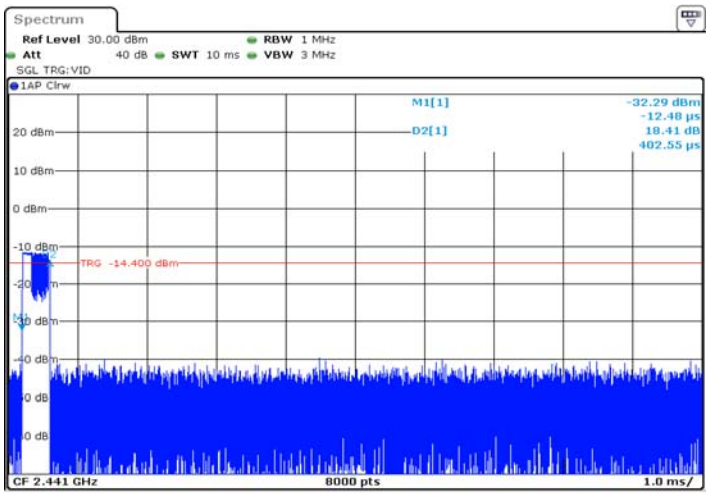
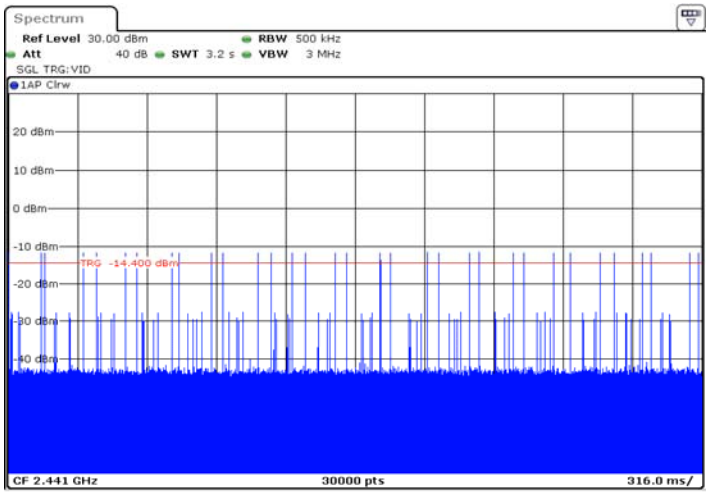
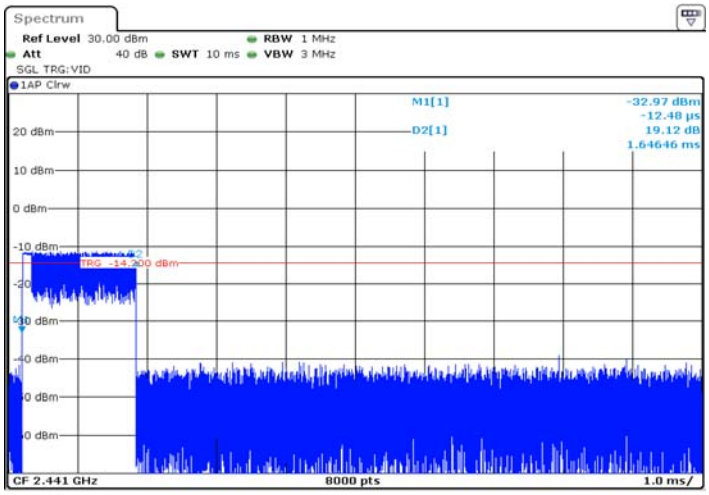
DH5_Ant1_Hop

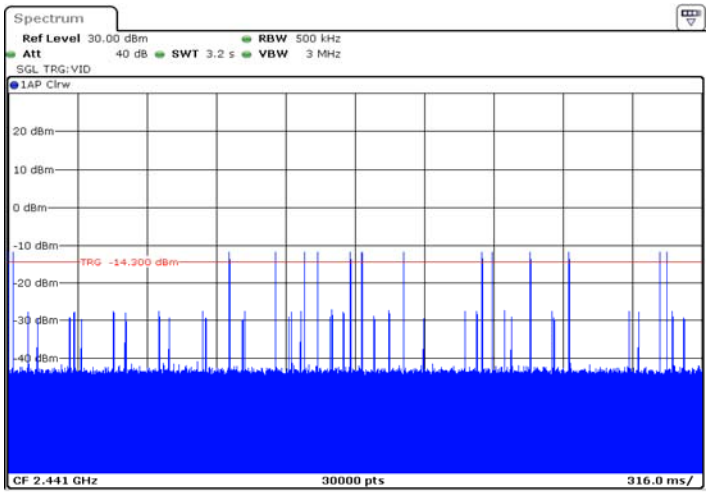


Date: 3.DEC.2019 14:21:13



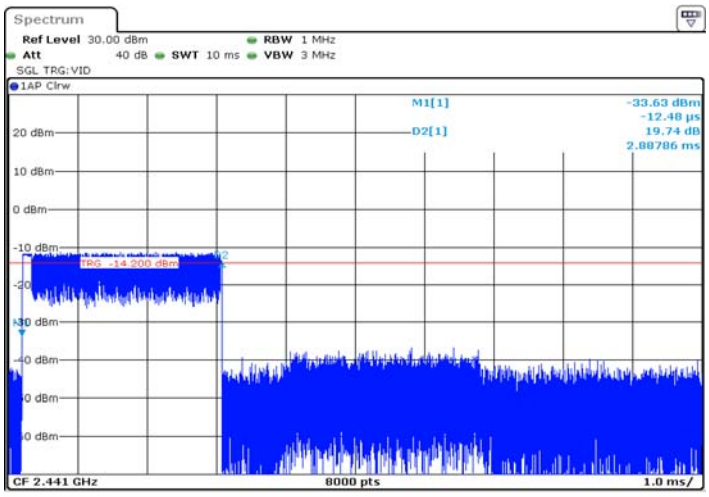
Date: 3.DEC.2019 14:21:19

2DH1_Ant1_Hop


2DH3_Ant1_Hop


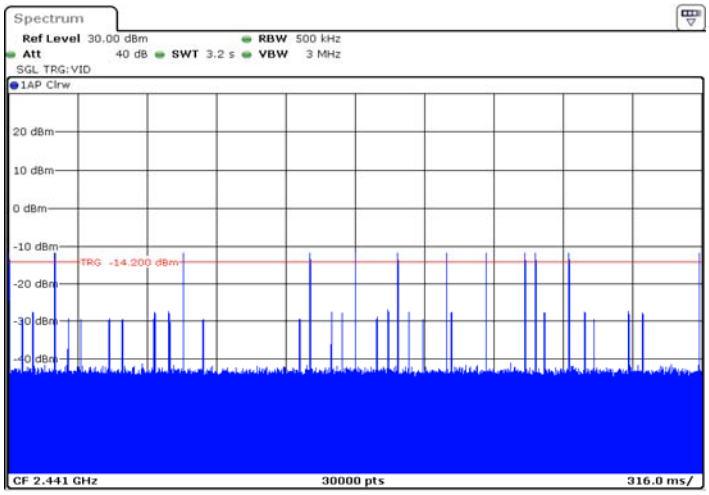


Date: 3.DEC.2019 14:38:25

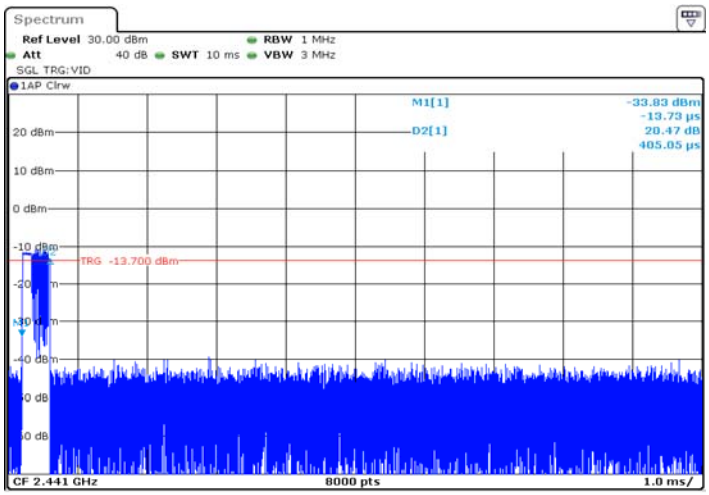
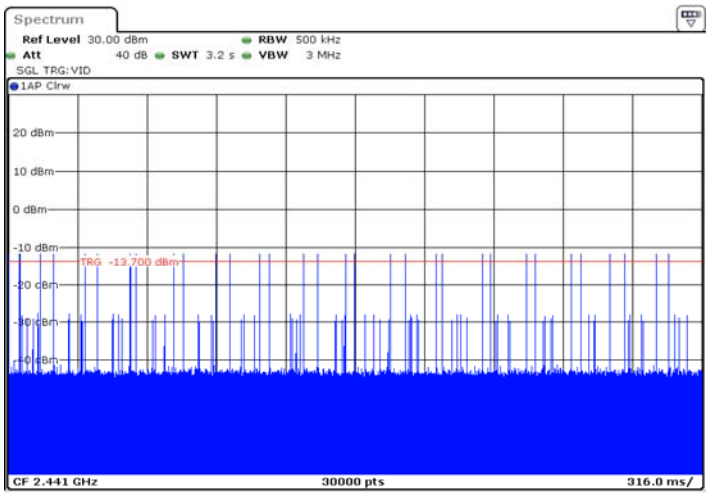
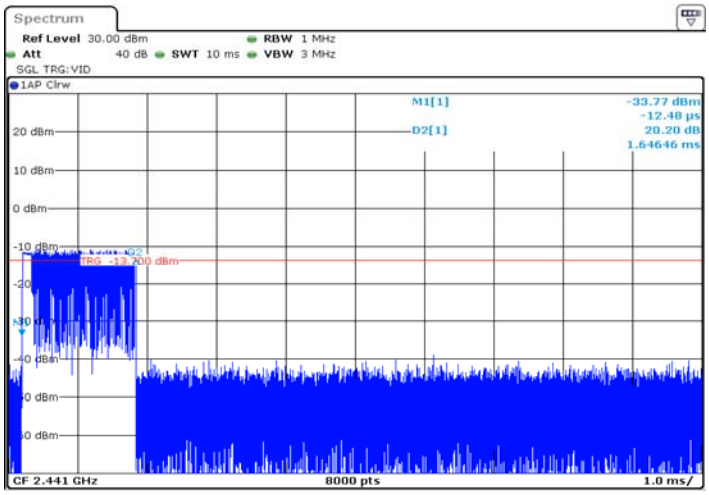
2DH5_Ant1_Hop

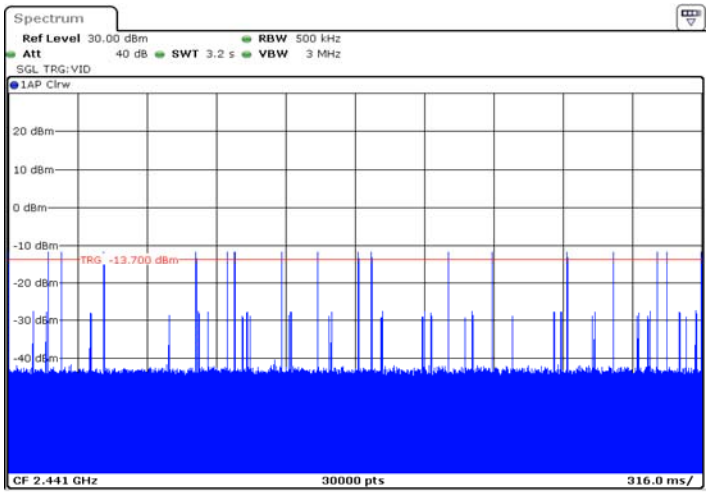


Date: 3.DEC.2019 14:28:16



Date: 3.DEC.2019 14:28:21

3DH1_Ant1_Hop


3DH3_Ant1_Hop




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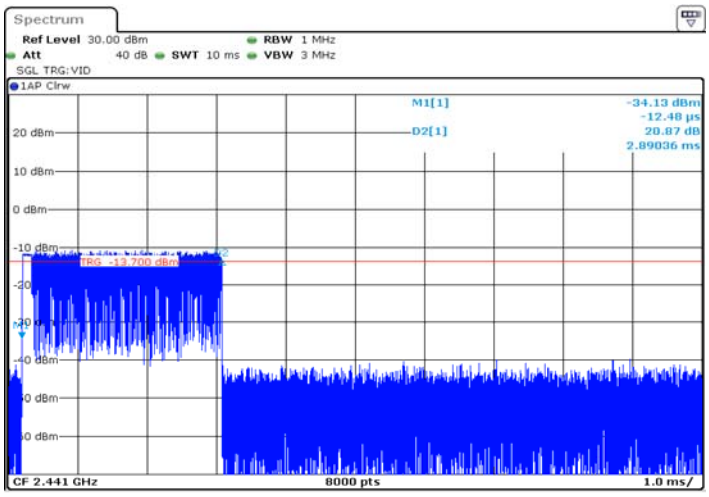
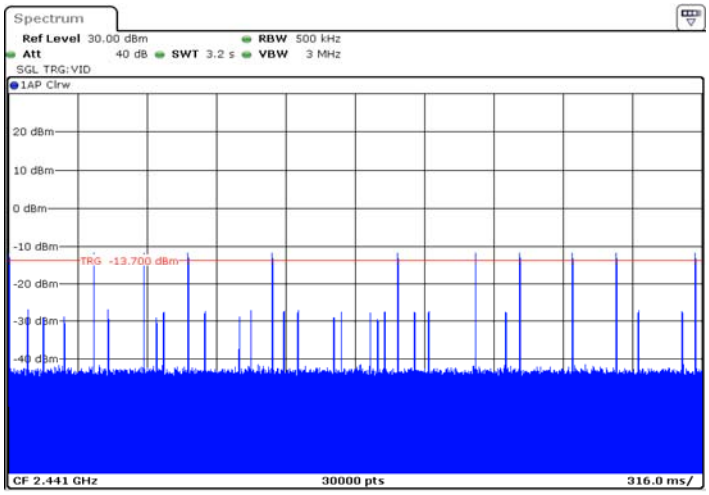
3DH5_Ant1_Hop



Date: 3.DEC.2019 14:30:42



Date: 3.DEC.2019 14:30:48

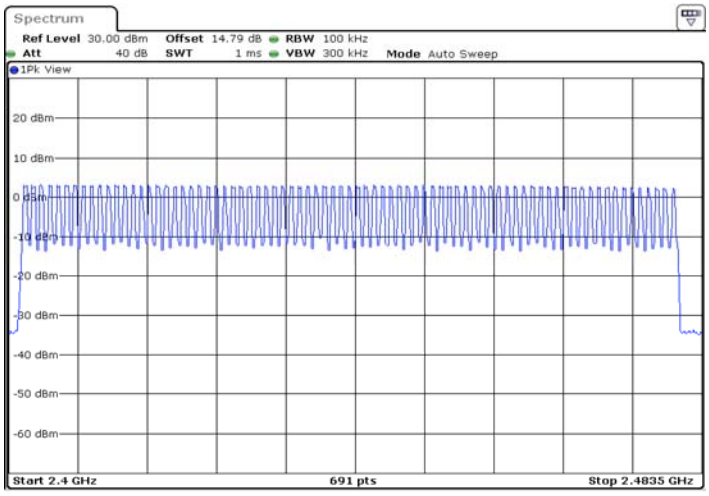
Appendix E: Number of hopping channels

Test Result

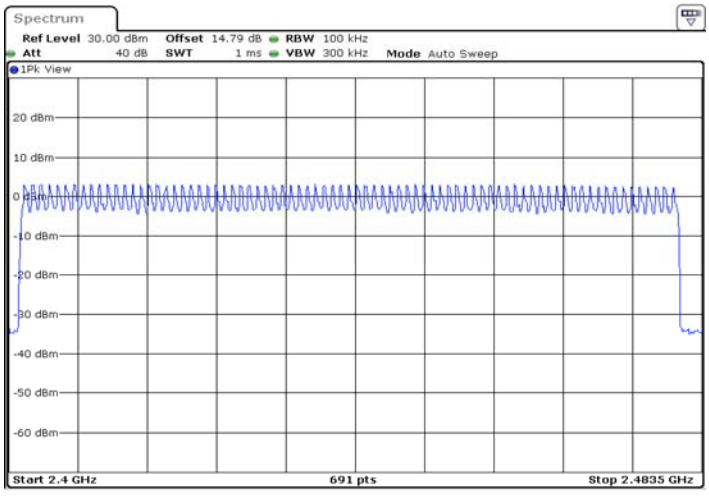
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	>=15	PASS
2DH1	Ant1	Hop	79	>=15	PASS
3DH1	Ant1	Hop	79	>=15	PASS

Test Graphs

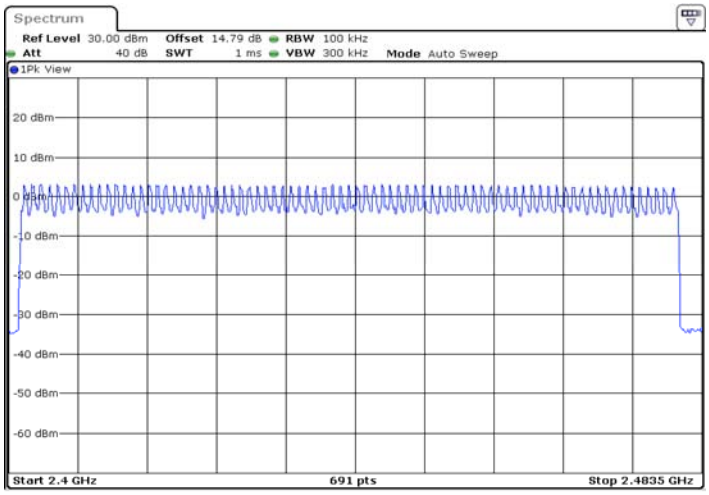
DH1_Ant1_Hop



2DH1_Ant1_Hop



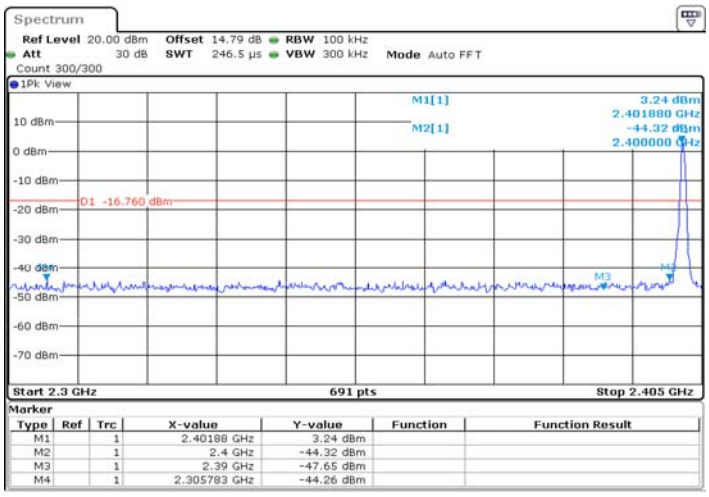
3DH1_Ant1_Hop



Appendix F:Band edge measurements

Test Graphs

DH1_Ant1_Low_2402

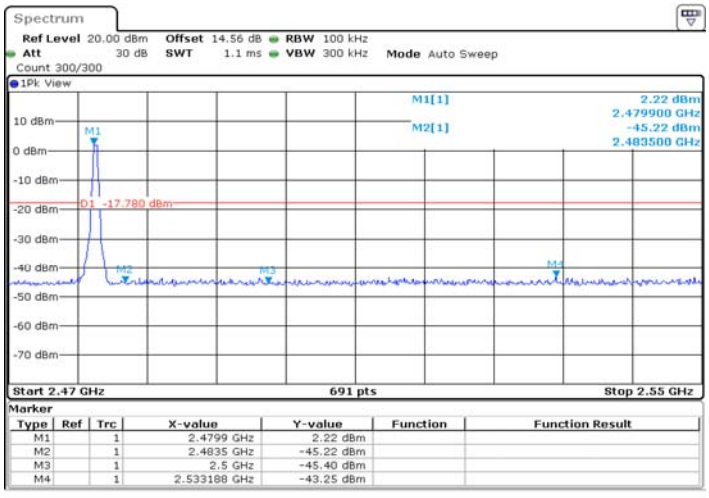


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40188 GHz	3.24 dBm		
M2		1	2.4 GHz	-44.32 dBm		
M3		1	2.39 GHz	-47.65 dBm		
M4		1	2.305783 GHz	-44.26 dBm		

Date: 3.DEC.2019 14:00:34

DH1_Ant1_High_2480

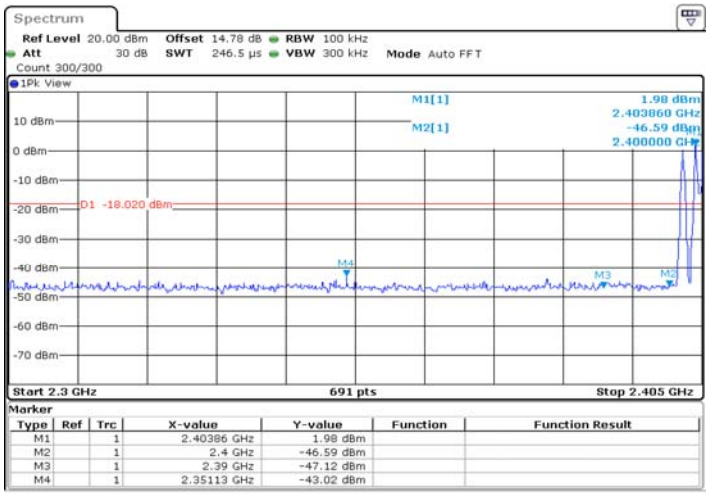


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4799 GHz	2.22 dBm		
M2		1	2.4835 GHz	-45.22 dBm		
M3		1	2.5 GHz	-45.40 dBm		
M4		1	2.533188 GHz	-43.25 dBm		

Date: 3.DEC.2019 14:03:09

DH1_Ant1_Low_Hop_2402

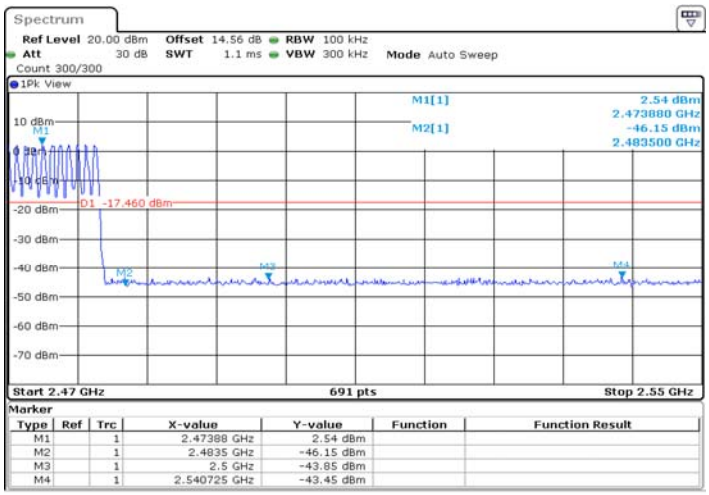


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40386 GHz	1.98 dBm		
M2		1	2.4 GHz	-46.59 dBm		
M3		1	2.39 GHz	-47.12 dBm		
M4		1	2.35113 GHz	-43.02 dBm		

Date: 3.DEC.2019 14:08:36

DH1_Ant1_High_Hop_2480

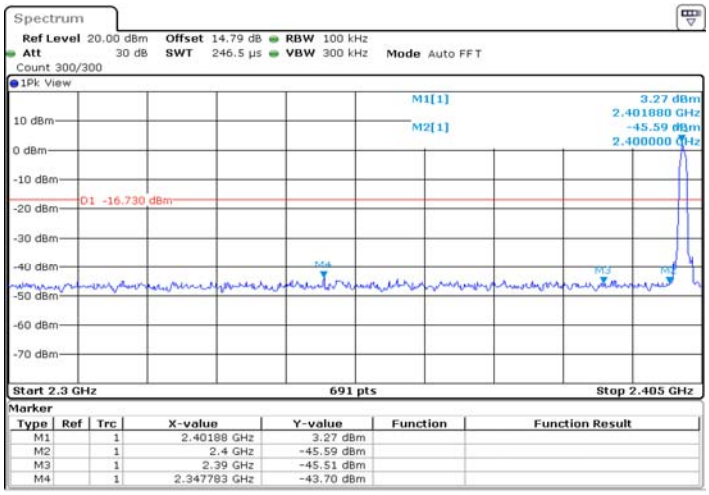


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47388 GHz	2.54 dBm		
M2		1	2.4835 GHz	-46.15 dBm		
M3		1	2.5 GHz	-43.85 dBm		
M4		1	2.540725 GHz	-43.45 dBm		

Date: 3.DEC.2019 14:10:06

2DH1_Ant1_Low_2402

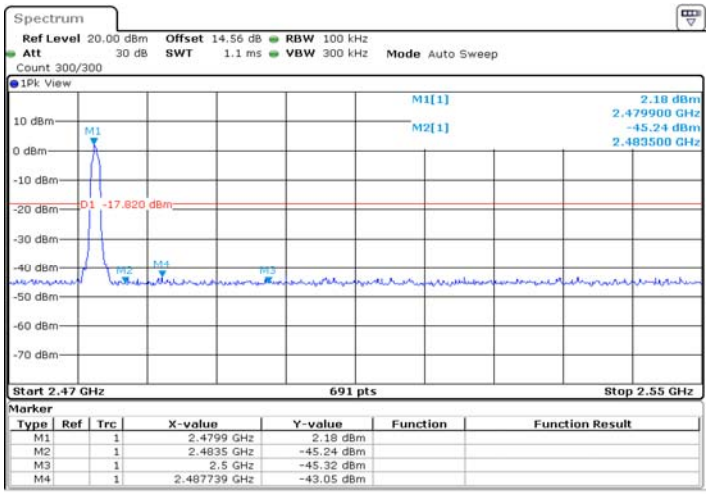


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40188 GHz	3.27 dBm		
M2		1	2.4 GHz	-45.59 dBm		
M3		1	2.39 GHz	-45.51 dBm		
M4		1	2.347783 GHz	-43.70 dBm		

Date: 3.DEC.2019 14:04:11

2DH1_Ant1_High_2480

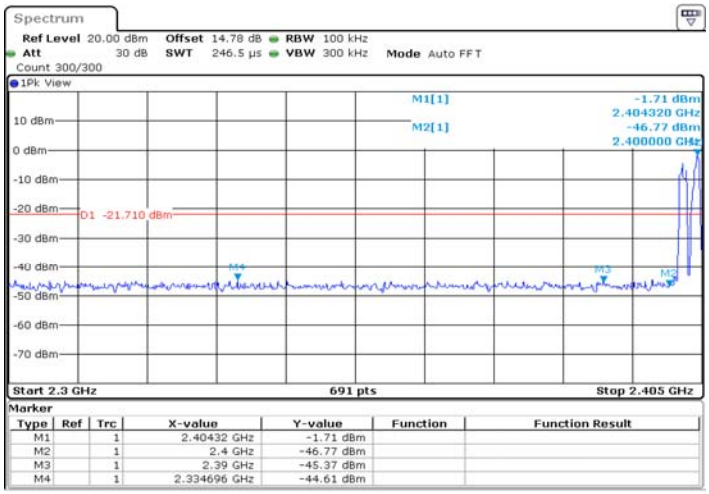


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4799 GHz	2.18 dBm		
M2		1	2.4835 GHz	-45.24 dBm		
M3		1	2.5 GHz	-45.32 dBm		
M4		1	2.487739 GHz	-43.05 dBm		

Date: 3.DEC.2019 14:05:40

2DH1_Ant1_Low_Hop_2402

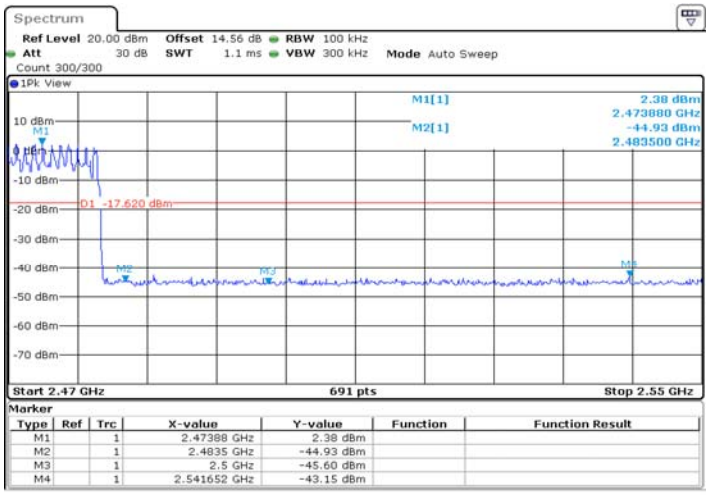


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40432 GHz	-1.71 dBm		
M2		1	2.4 GHz	-46.77 dBm		
M3		1	2.39 GHz	-45.37 dBm		
M4		1	2.334696 GHz	-44.61 dBm		

Date: 3.DEC.2019 14:10:28

2DH1_Ant1_High_Hop_2480

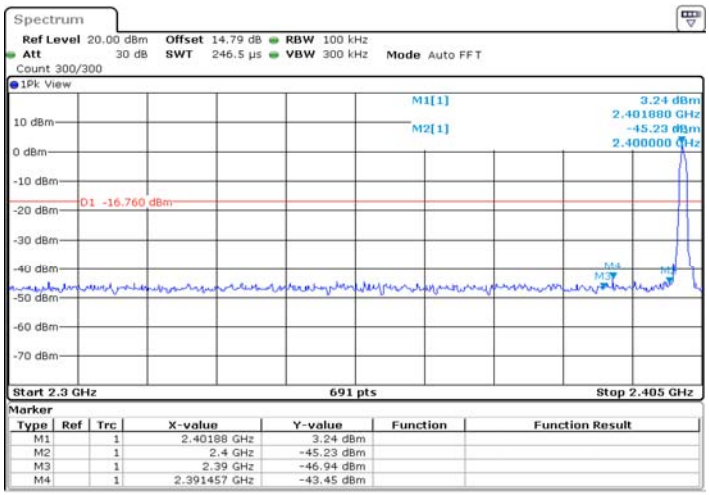


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47388 GHz	2.38 dBm		
M2		1	2.4835 GHz	-44.93 dBm		
M3		1	2.5 GHz	-45.60 dBm		
M4		1	2.541652 GHz	-43.15 dBm		

Date: 3.DEC.2019 14:12:17

3DH1_Ant1_Low_2402

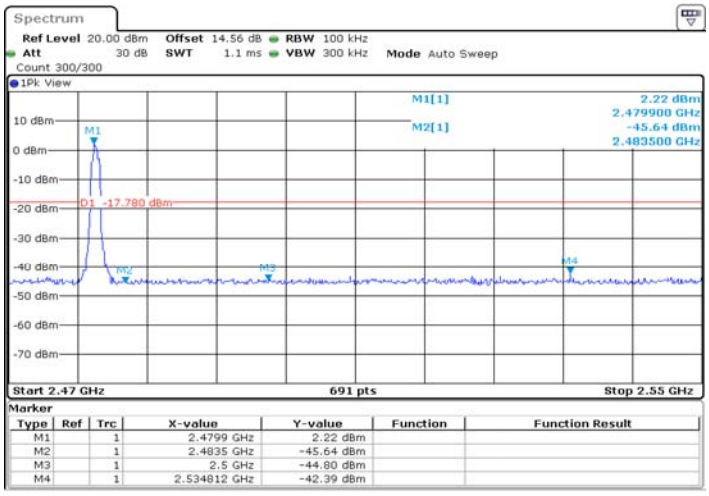


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40188 GHz	3.24 dBm		
M2		1	2.4 GHz	-45.23 dBm		
M3		1	2.39 GHz	-46.94 dBm		
M4		1	2.391457 GHz	-43.45 dBm		

Date: 3.DEC.2019 14:06:32

3DH1_Ant1_High_2480

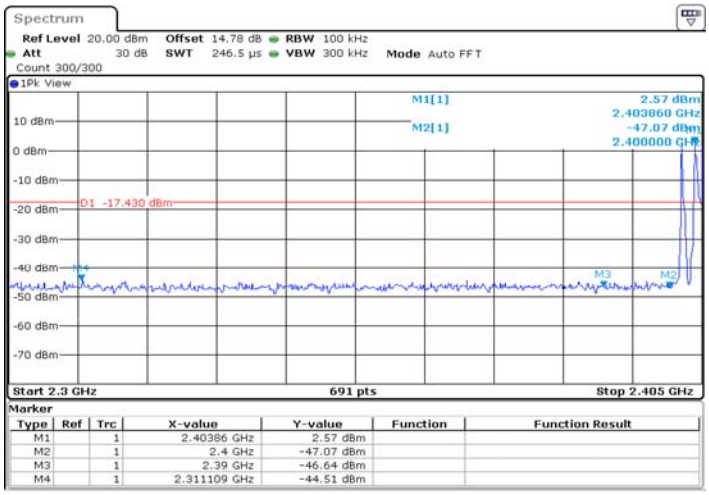


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4799 GHz	2.22 dBm		
M2		1	2.4835 GHz	-45.64 dBm		
M3		1	2.5 GHz	-44.80 dBm		
M4		1	2.534812 GHz	-42.39 dBm		

Date: 3.DEC.2019 14:08:05

3DH1_Ant1_Low_Hop_2402

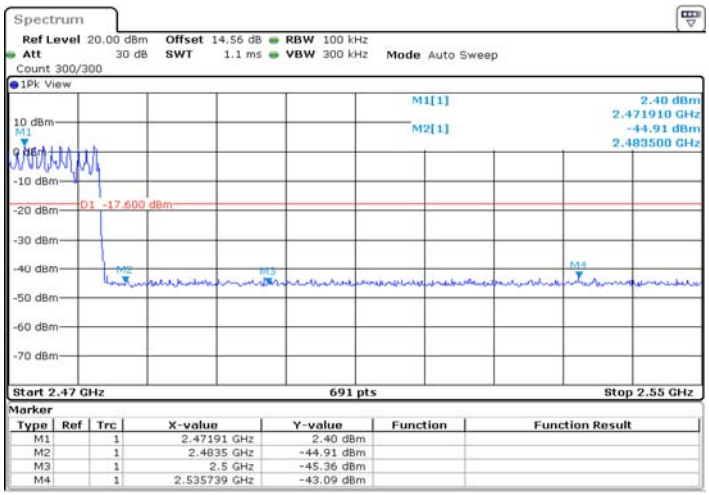


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40386 GHz	2.57 dBm		
M2		1	2.4 GHz	-47.07 dBm		
M3		1	2.39 GHz	-46.64 dBm		
M4		1	2.311109 GHz	-44.51 dBm		

Date: 3.DEC.2019 14:12:41

3DH1_Ant1_High_Hop_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47191 GHz	2.40 dBm		
M2		1	2.4835 GHz	-44.91 dBm		
M3		1	2.5 GHz	-45.36 dBm		
M4		1	2.535739 GHz	-43.09 dBm		

Date: 3.DEC.2019 14:14:30