

10 Appendix

Refer to the following attachments.

*** End of Report ***

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.

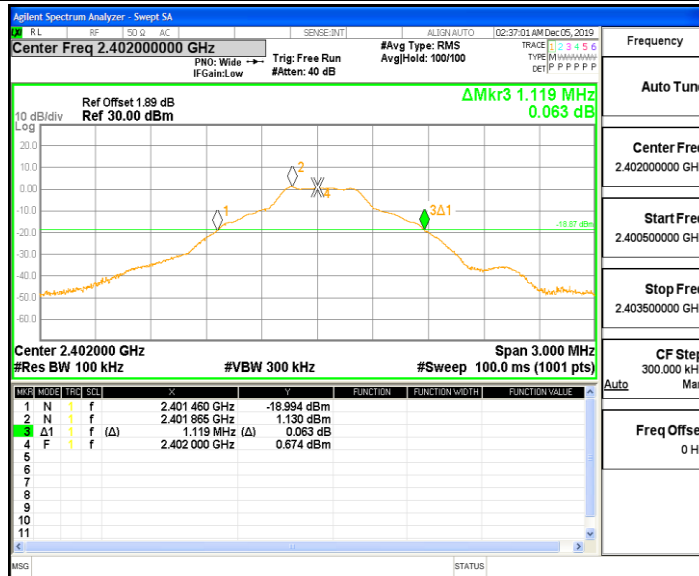
AppendixA: 20dBEmission Bandwidth

Test Result

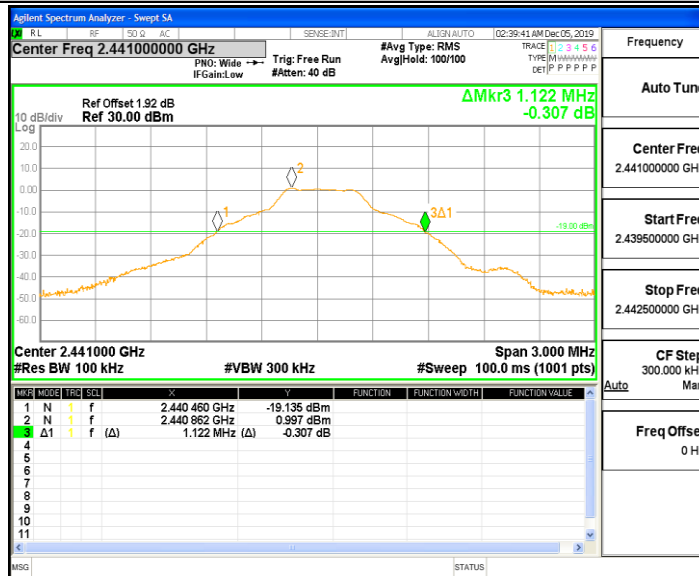
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.119	2401.460	2402.579	---	PASS
		2441	1.122	2440.460	2441.582	---	PASS
		2480	1.119	2479.460	2480.579	---	PASS
2DH1	Ant1	2402	1.377	2401.328	2402.705	---	PASS
		2441	1.383	2440.328	2441.711	---	PASS
		2480	1.380	2479.328	2480.708	---	PASS
3DH1	Ant1	2402	1.389	2401.325	2402.714	---	PASS
		2441	1.386	2440.325	2441.711	---	PASS
		2480	1.383	2479.328	2480.711	---	PASS

Test Graphs

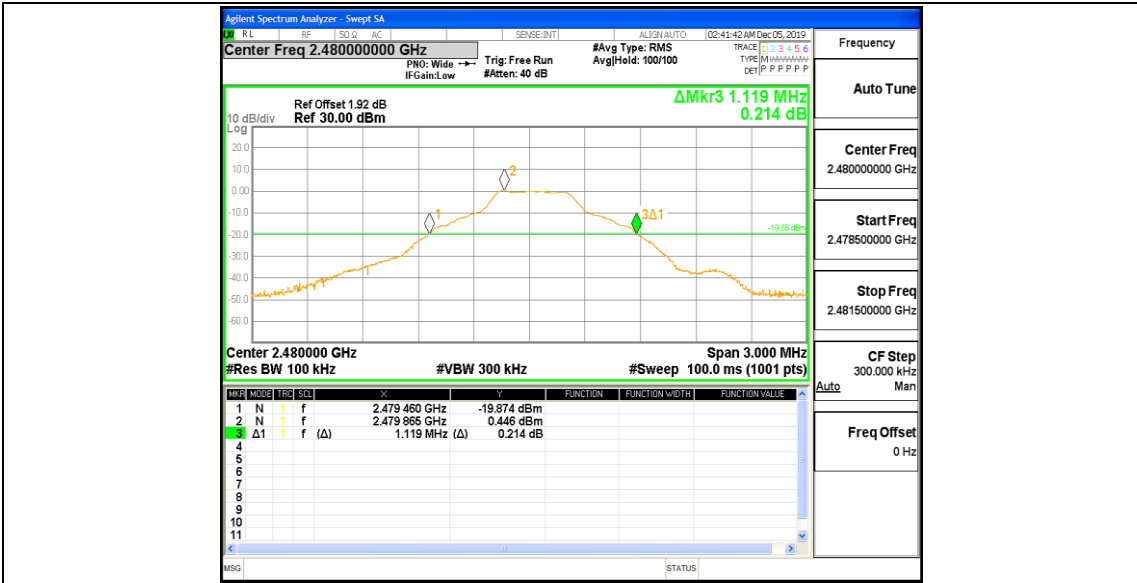
DH1_Ant1_2402



DH1_Ant1_2441



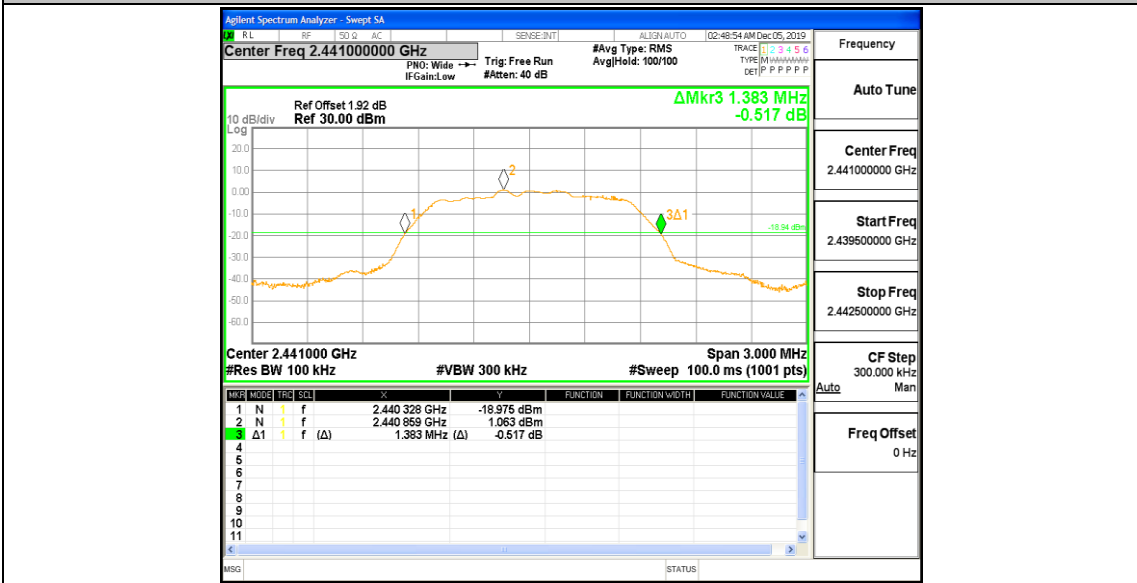
DH1_Ant1_2480



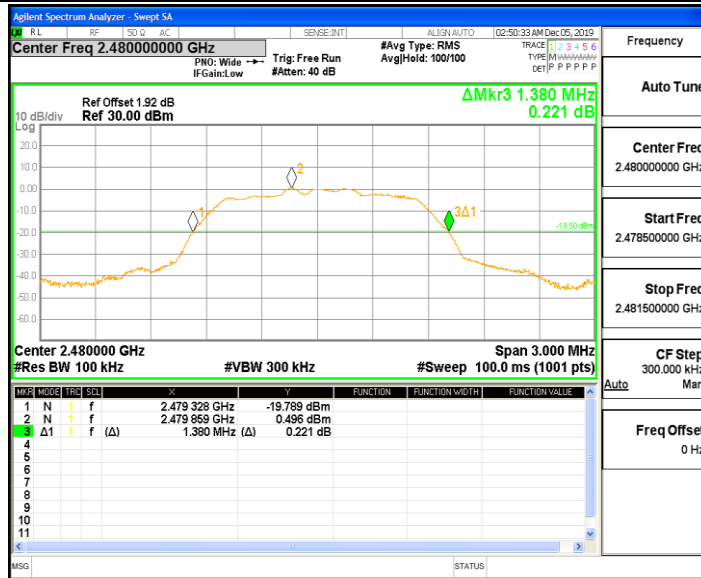
2D11_Ant1_2402



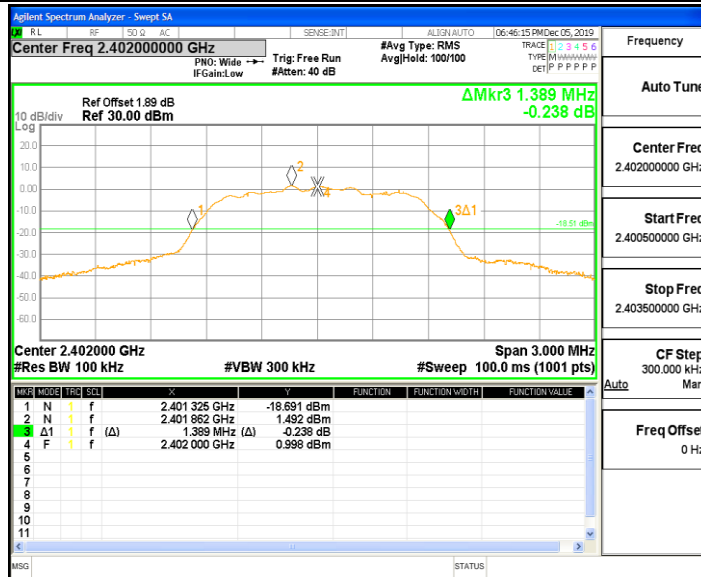
2D11_Ant1_2441



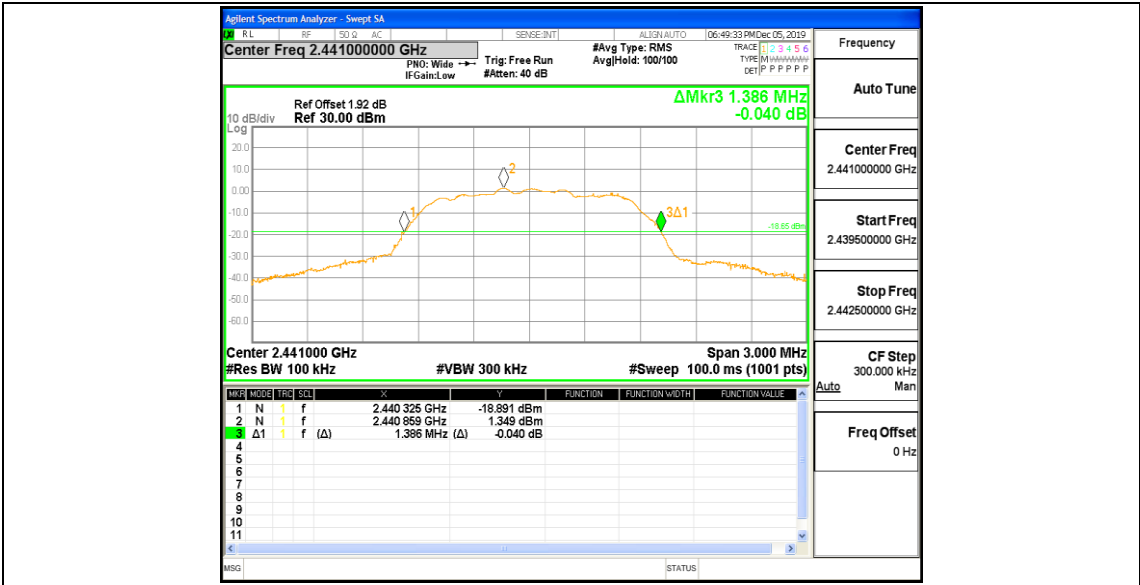
2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



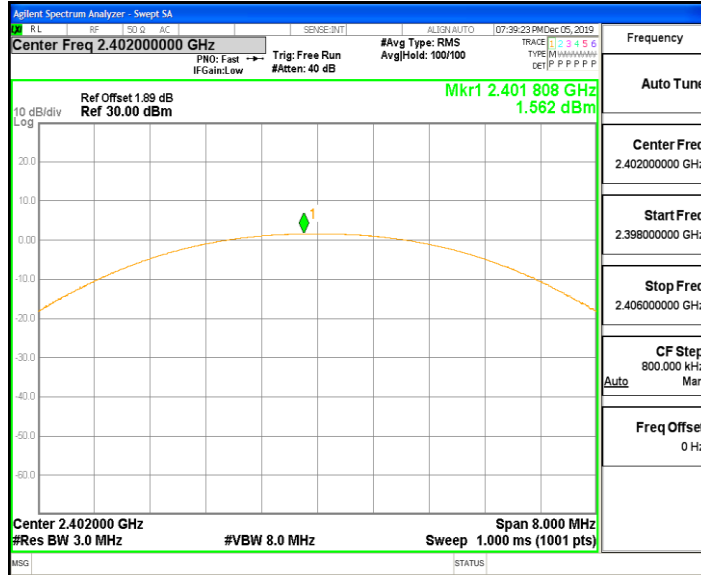
AppendixC: Maximum conducted output power

Test Result

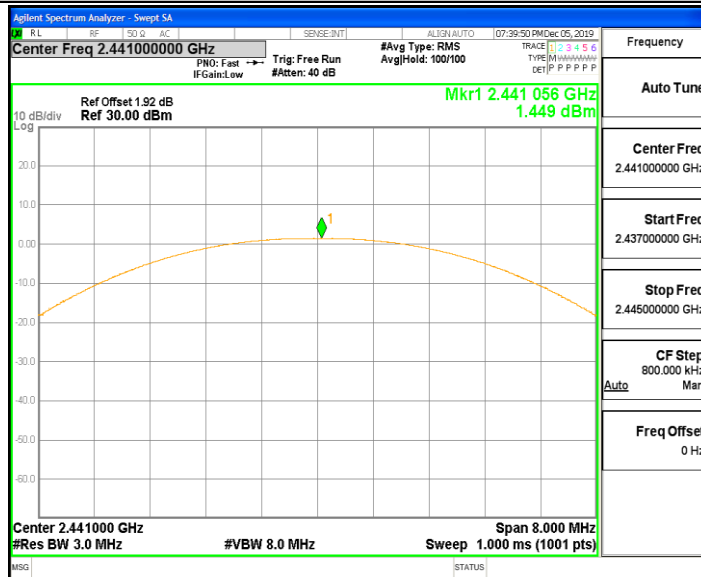
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	1.56	<=20.97	PASS
		2441	1.45	<=20.97	PASS
		2480	0.93	<=20.97	PASS
2DH1	Ant1	2402	3.95	<=20.97	PASS
		2441	3.81	<=20.97	PASS
		2480	3.27	<=20.97	PASS
3DH1	Ant1	2402	4.47	<=20.97	PASS
		2441	4.37	<=20.97	PASS
		2480	3.8	<=20.97	PASS

Test Graphs

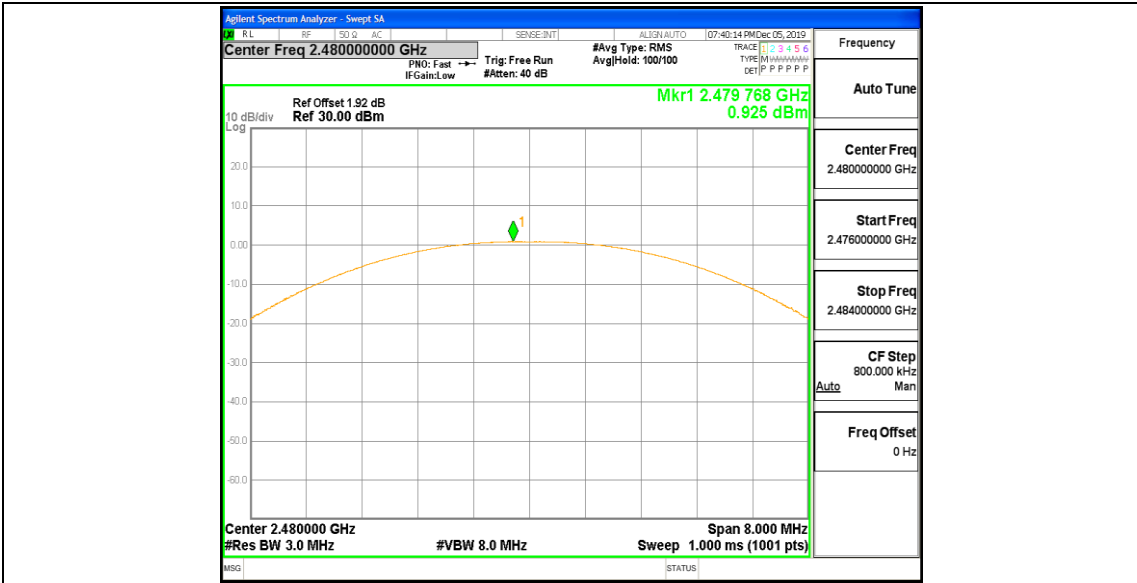
DH1_Ant1_2402



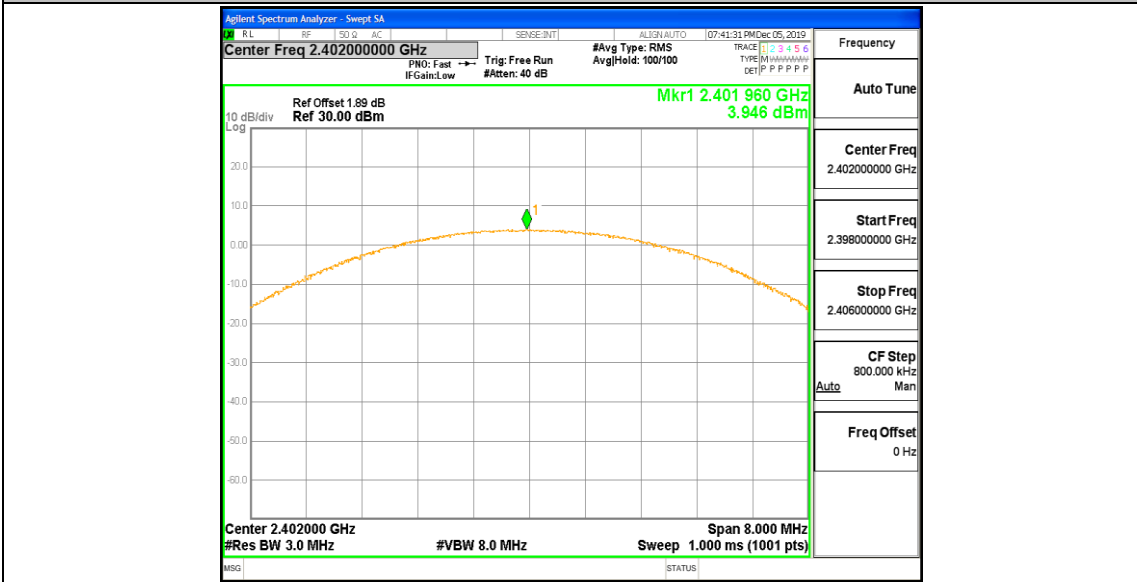
DH1_Ant1_2441



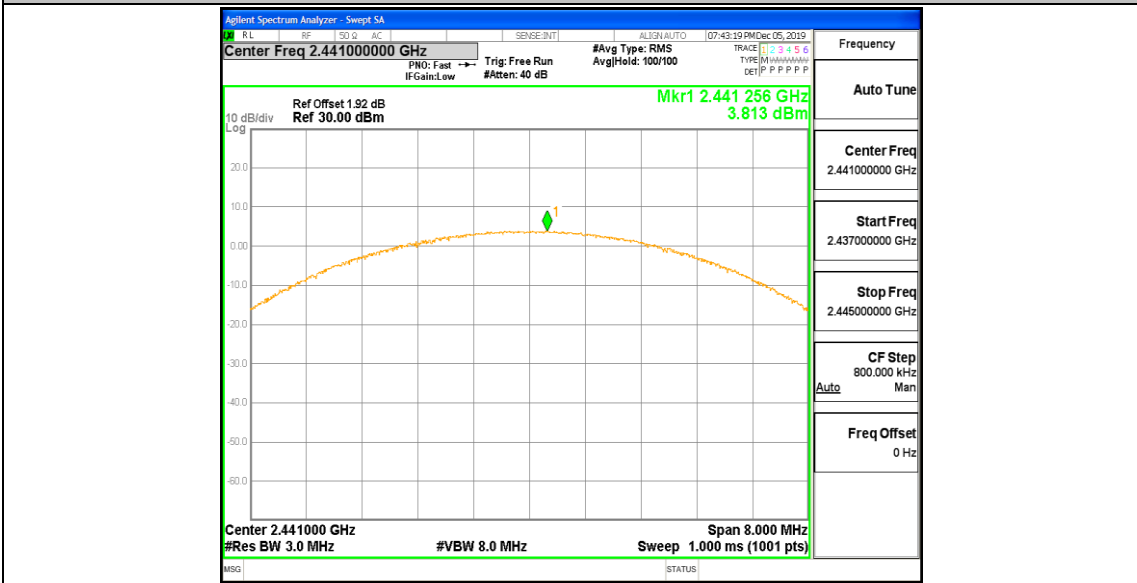
DH1_Ant1_2480



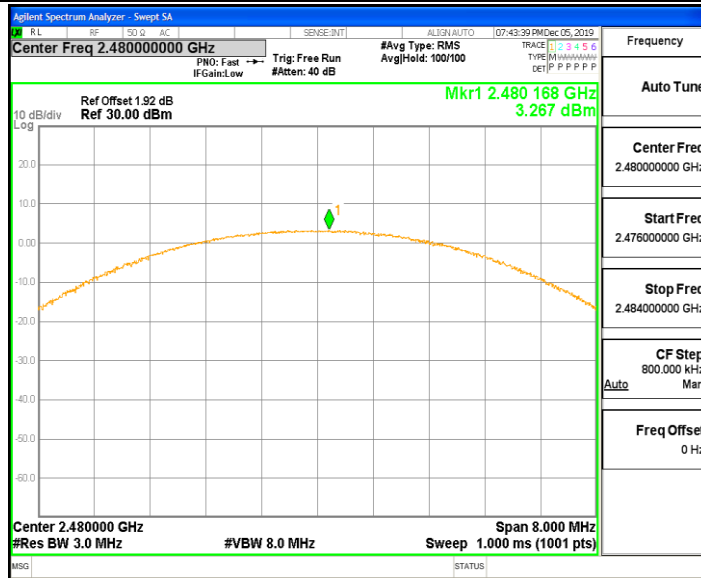
2DH1_Ant1_2402



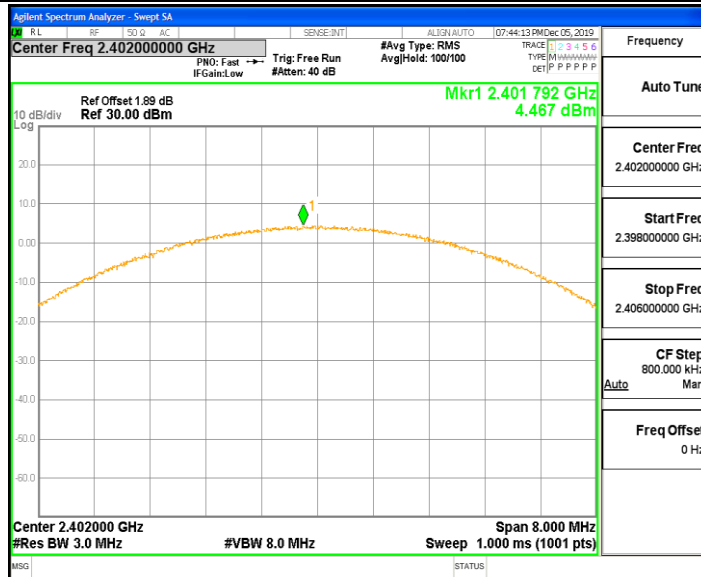
2DH1_Ant1_2441



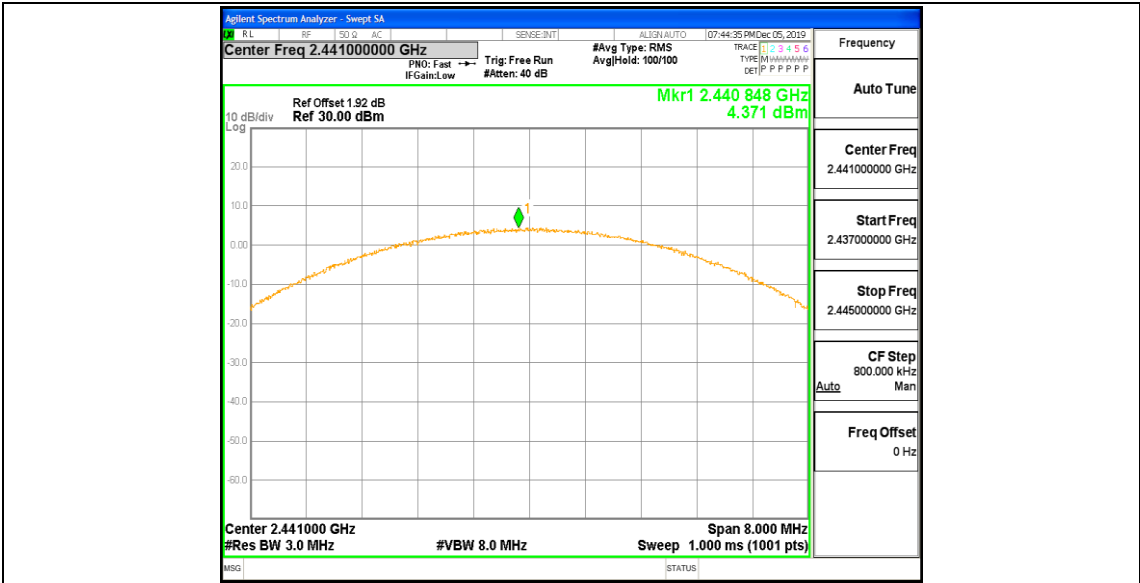
2DH1_Ant1_2480



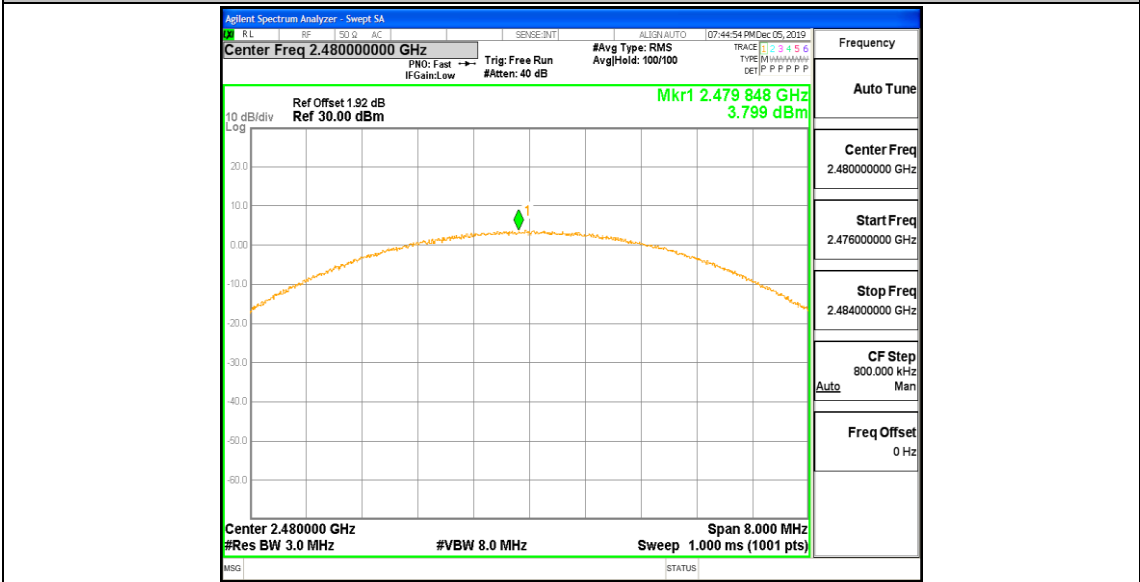
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



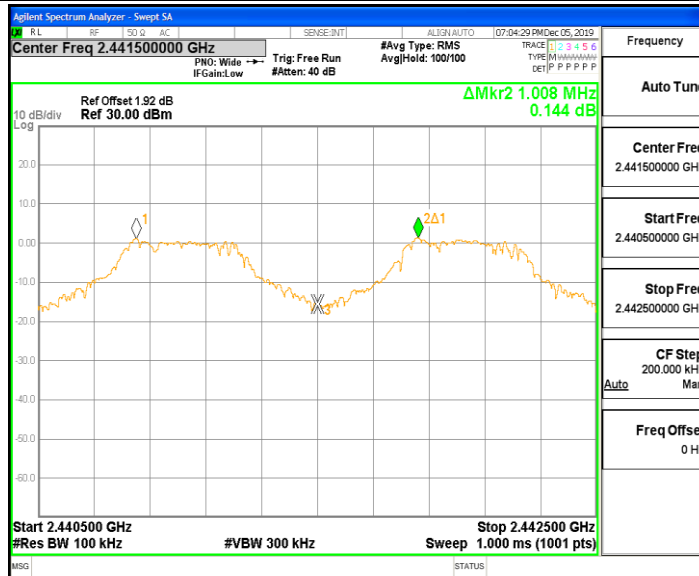
AppendixD: Carrier frequency separation

Test Result

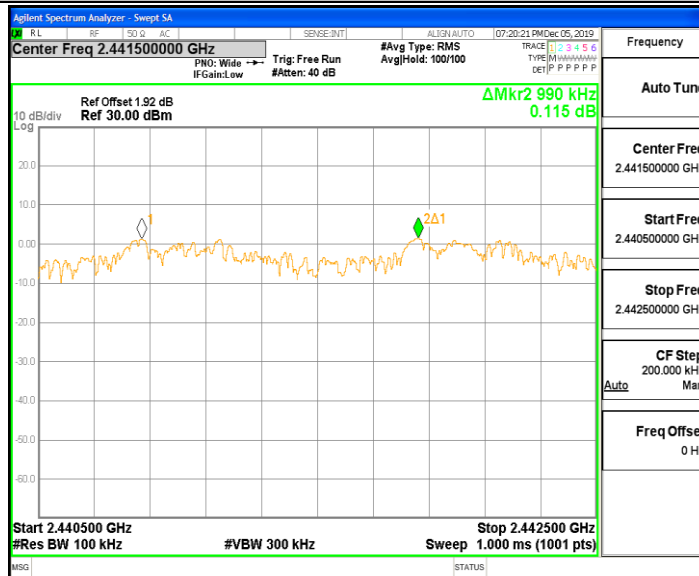
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.008	≥ 0.748	PASS
2DH1	Ant1	Hop	0.990	≥ 0.922	PASS
3DH1	Ant1	Hop	1.000	≥ 0.926	PASS

Test Graphs

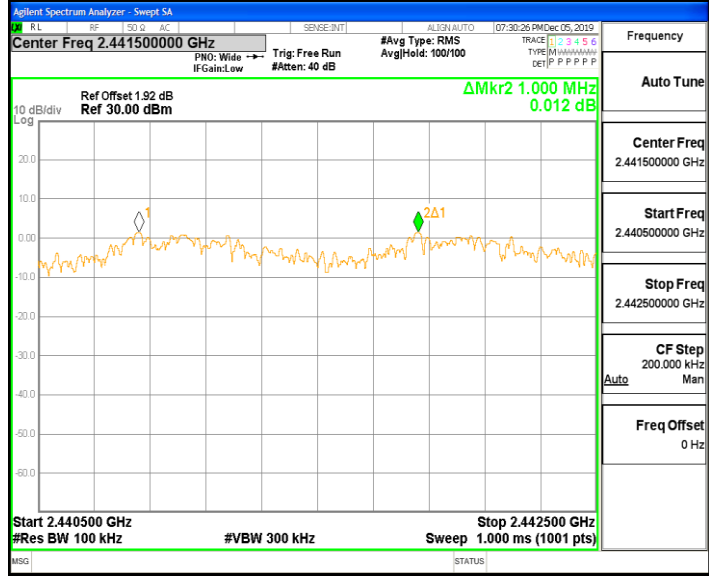
DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop



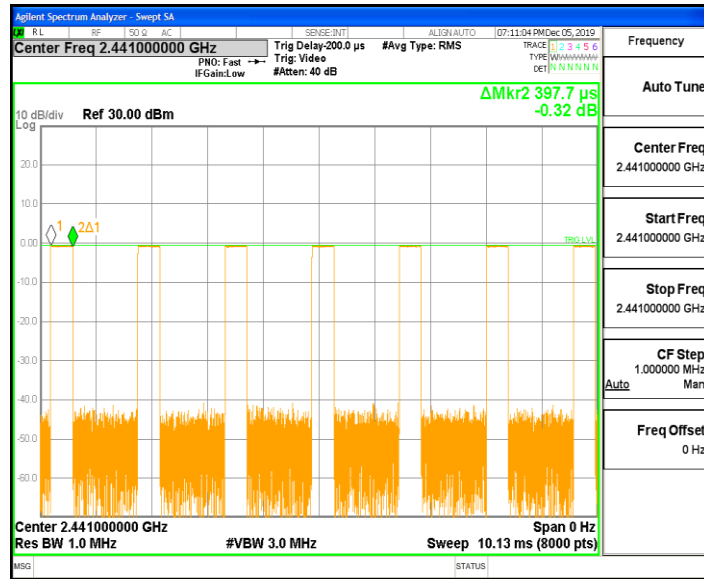
AppendixE: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.40	320	0.128	<=0.4	PASS
DH3	Ant1	Hop	1.67	160	0.2672	<=0.4	PASS
DH5	Ant1	Hop	2.89	106.67	0.3083	<=0.4	PASS

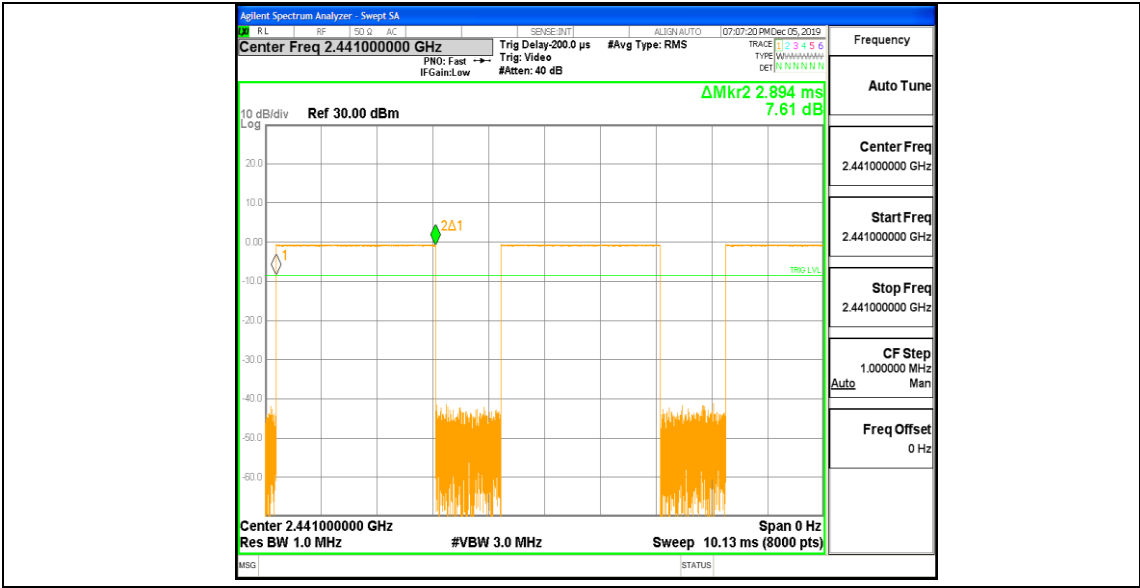
Test Graphs

DH1_Ant1_Hop





DH3_Ant1_Hop



DH5_Ant1_Hop

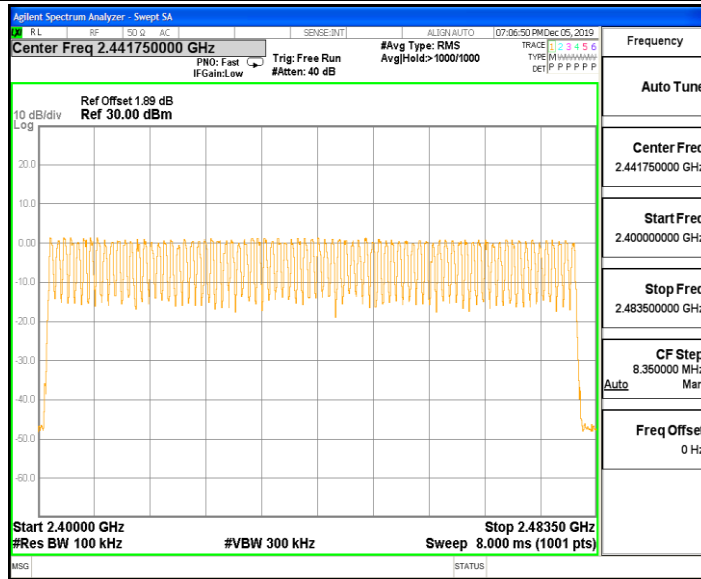
AppendixF: Number of hopping channels

Test Result

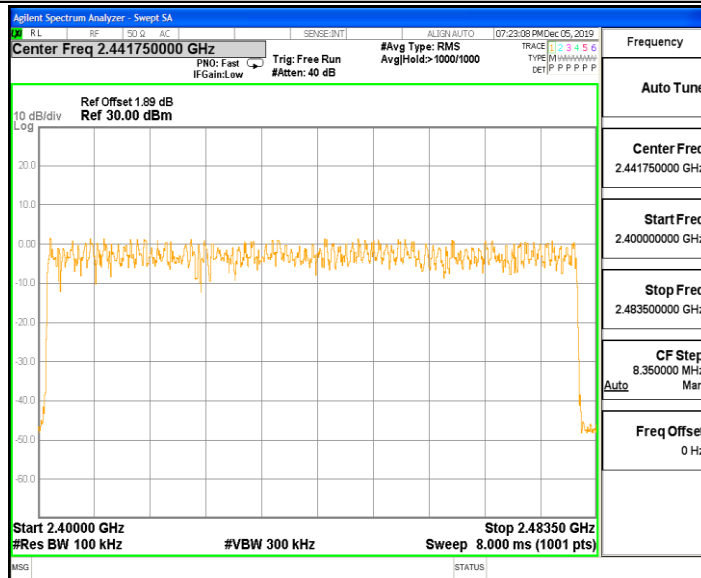
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	≥ 15	PASS
2DH1	Ant1	Hop	79	≥ 15	PASS
3DH1	Ant1	Hop	79	≥ 15	PASS

Test Graphs

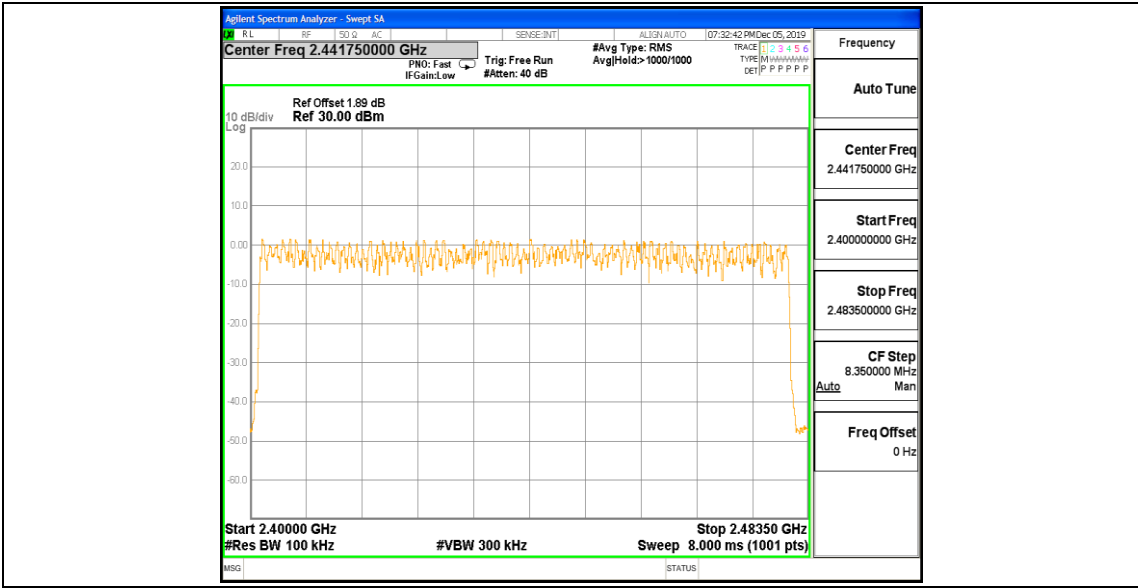
DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop



AppendixG:Band edge measurements

Test Result

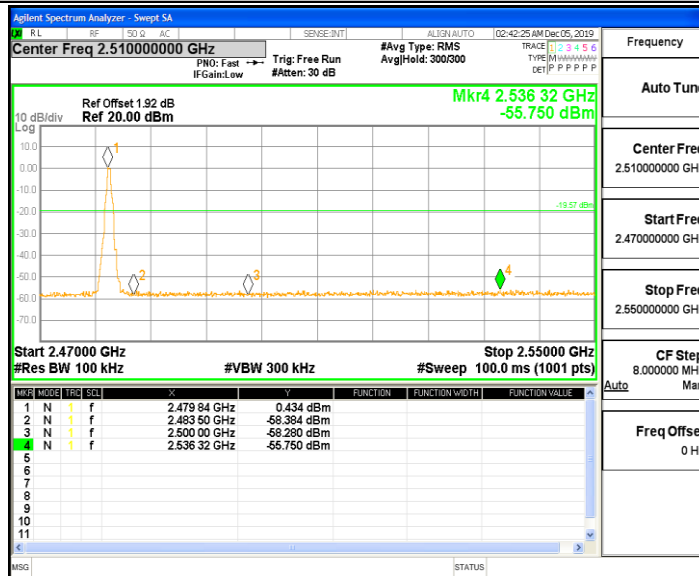
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	1.05	-56.31	<=-18.95	PASS
		High	2480	0.43	-55.75	<=-19.57	PASS
		Low	Hop_2402	1.18	-39.85	-18.82	PASS
		High	Hop_2480	0.70	-54.67	-19.3	PASS
2DH1	Ant1	Low	2402	1.11	-55.19	<=-18.89	PASS
		High	2480	0.48	-55.45	<=-19.52	PASS
		Low	Hop_2402	0.94	-50.16	-19.06	PASS
		High	Hop_2480	0.79	-54.36	-19.21	PASS
3DH1	Ant1	Low	2402	1.40	-55.15	<=-18.6	PASS
		High	2480	0.74	-54.32	<=-19.26	PASS
		Low	Hop_2402	1.19	-50.31	-18.81	PASS
		High	Hop_2480	0.83	-54.49	-19.18	PASS

Test Graphs

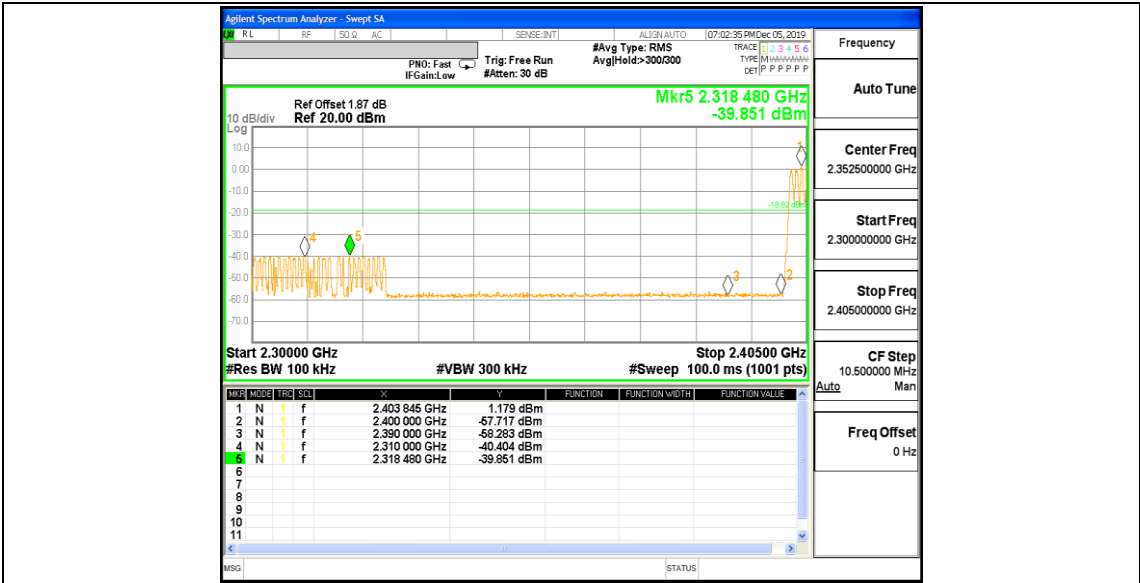
DH1_Ant1_Low_2402



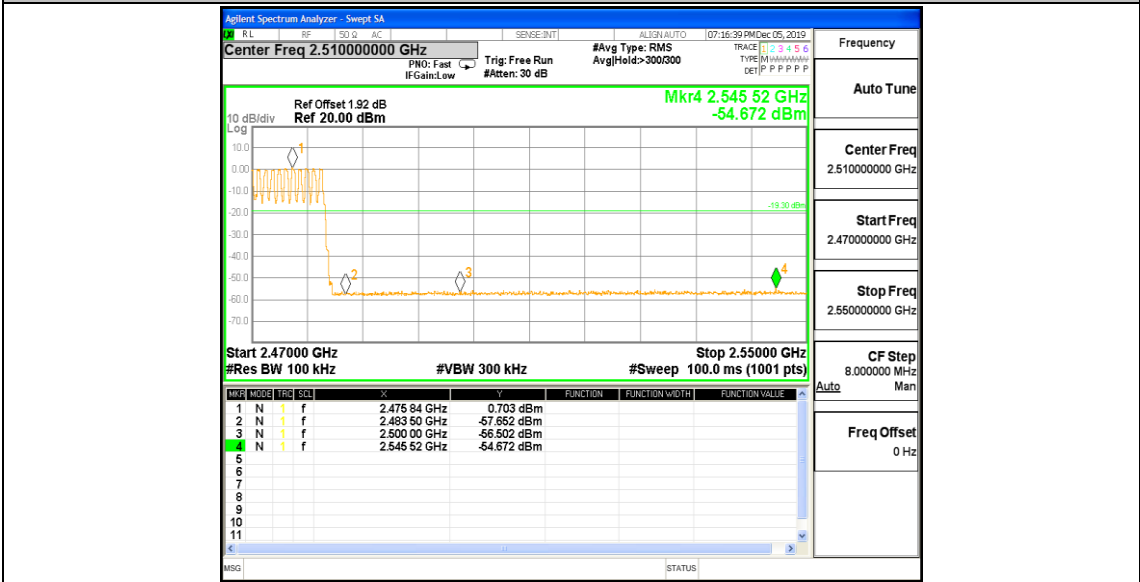
DH1_Ant1_High_2480



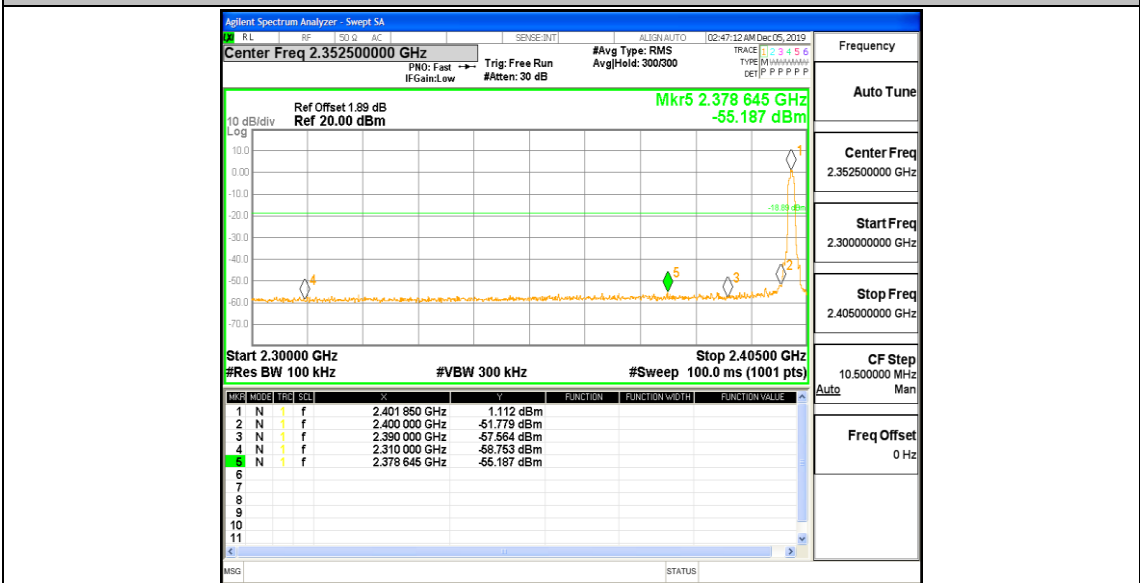
DH1_Ant1_Low_Hop_2402



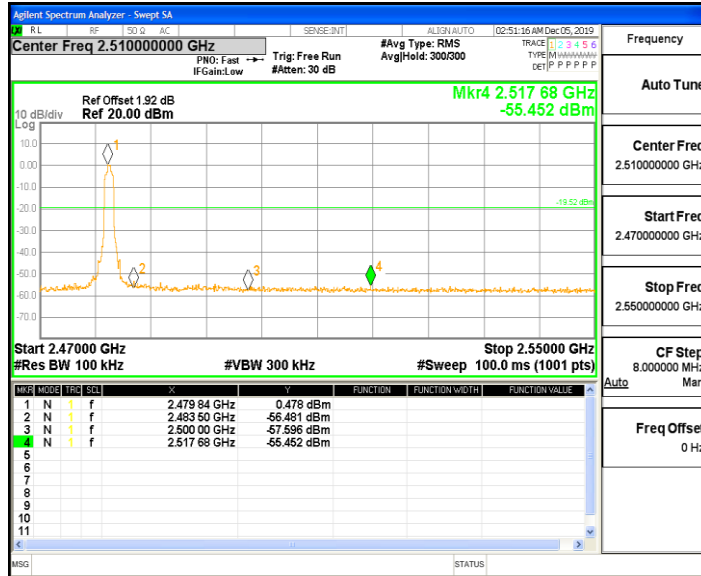
DH1_Ant1_High_Hop_2480



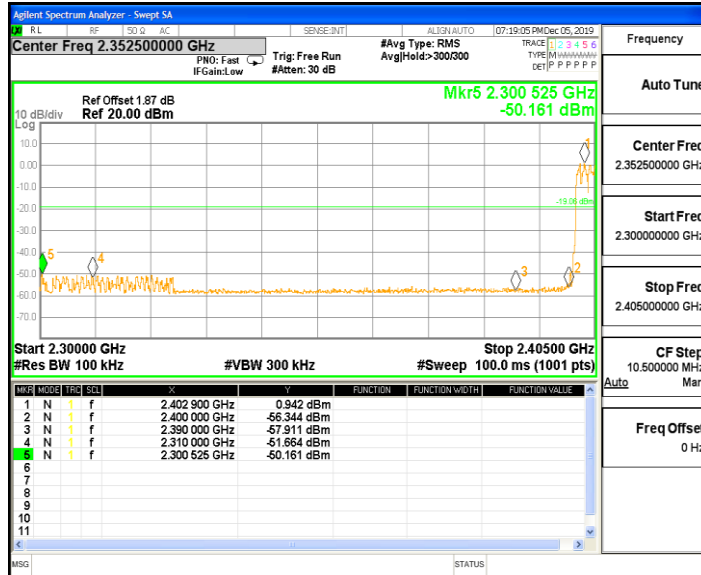
2DH1_Ant1_Low_2402



2DH1_Ant1_High_2480



2DH1_Ant1_Low_Hop_2402

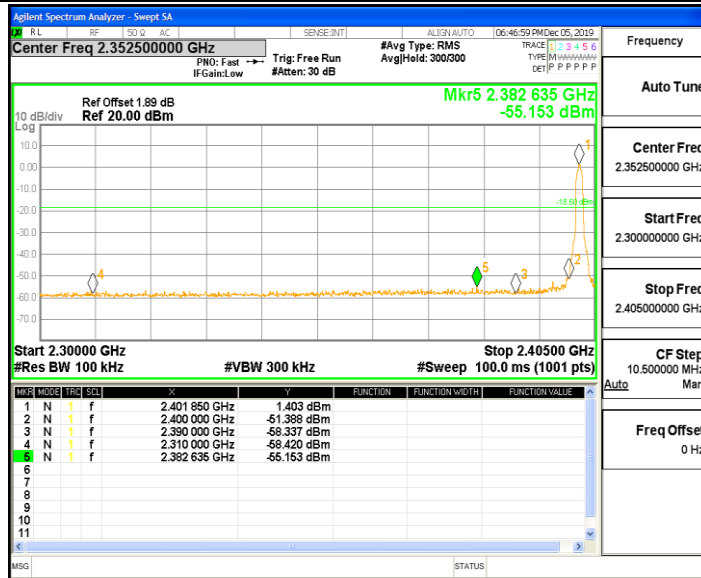


2DH1_Ant1_High_Hop_2480



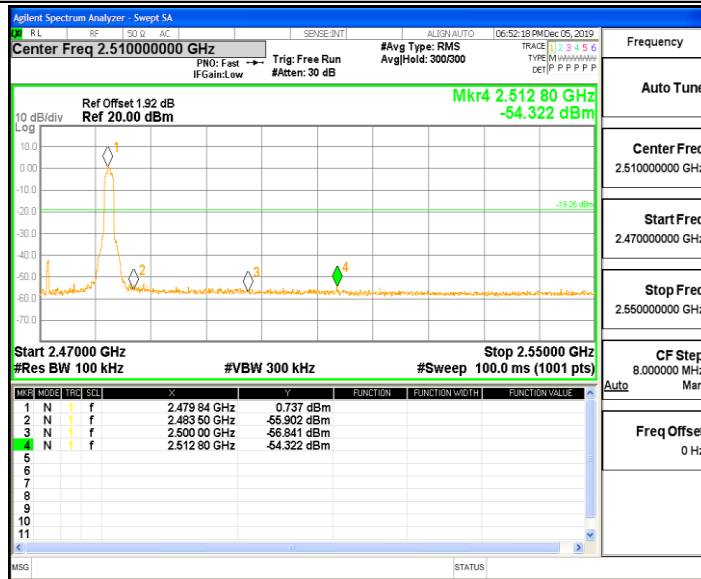
Frequency
Auto Tune
Center Freq 2.51000000 GHz
Start Freq 2.47000000 GHz
Stop Freq 2.55000000 GHz
CF Step 8.000000 MHz
Auto
Freq Offset 0 Hz

3DH1_Ant1_Low_2402



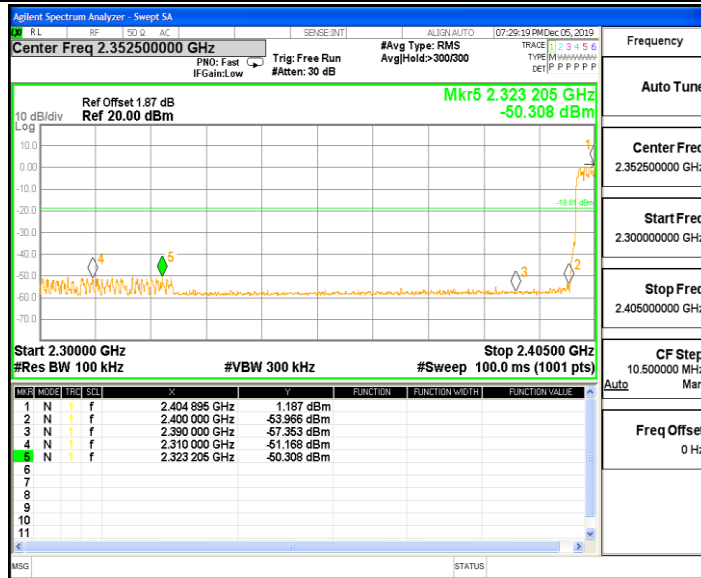
Frequency
Auto Tune
Center Freq 2.35250000 GHz
Start Freq 2.30000000 GHz
Stop Freq 2.40500000 GHz
CF Step 10.500000 MHz
Auto
Freq Offset 0 Hz

3DH1_Ant1_High_2480

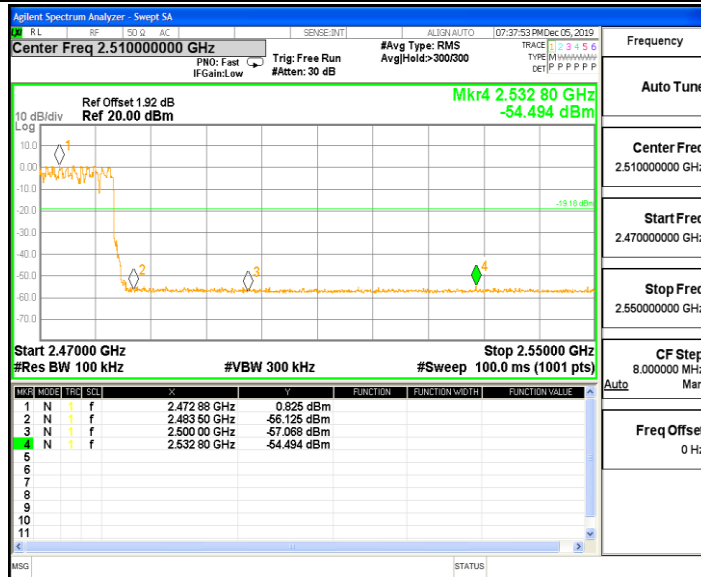


Frequency
Auto Tune
Center Freq 2.51000000 GHz
Start Freq 2.47000000 GHz
Stop Freq 2.55000000 GHz
CF Step 8.000000 MHz
Auto
Freq Offset 0 Hz

3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480



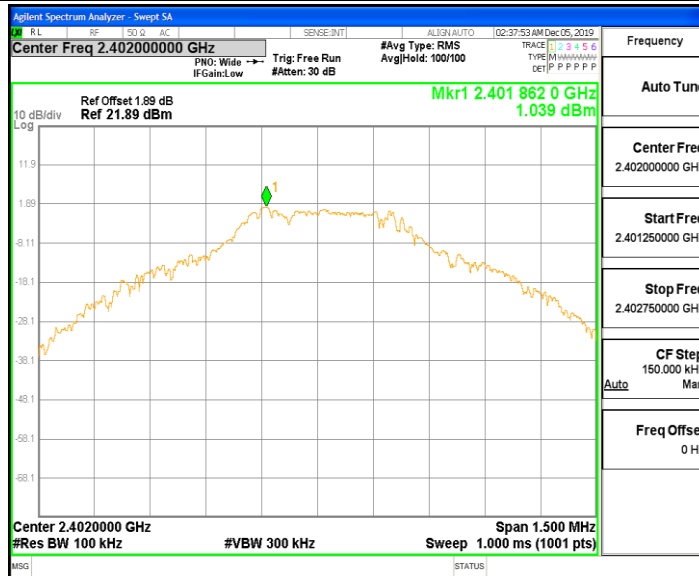
AppendixH:Conducted SpuriousEmission

Test Result

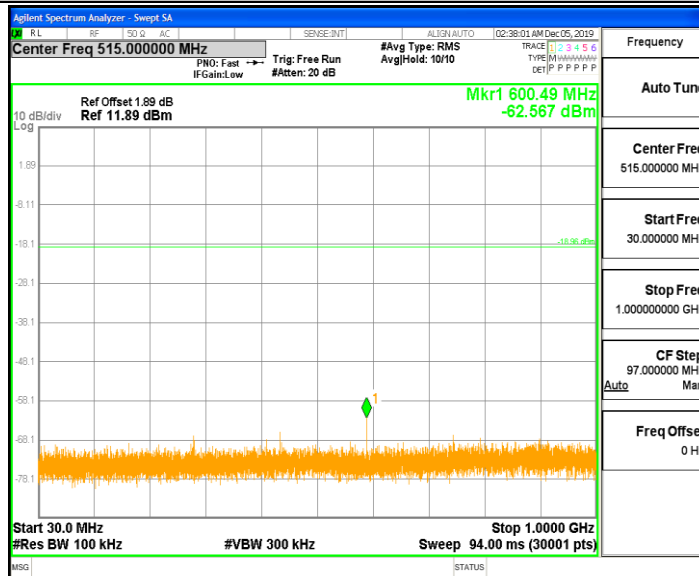
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	1.04	1.04	---	PASS
			30~1000	30~1000	-62.567	<=-18.961	PASS
			1000~26500	1000~26500	-41.89	<=-18.961	PASS
		2441	Reference	0.33	0.33	---	PASS
			30~1000	30~1000	-60.677	<=-19.674	PASS
			1000~26500	1000~26500	-41.9	<=-19.674	PASS
		2480	Reference	0.36	0.36	---	PASS
			30~1000	30~1000	-61.059	<=-19.637	PASS
			1000~26500	1000~26500	-40.965	<=-19.637	PASS
2DH1	Ant1	2402	Reference	1.08	1.08	---	PASS
			30~1000	30~1000	-67.308	<=-18.919	PASS
			1000~26500	1000~26500	-49.736	<=-18.919	PASS
		2441	Reference	0.46	0.46	---	PASS
			30~1000	30~1000	-67.682	<=-19.541	PASS
			1000~26500	1000~26500	-51.698	<=-19.541	PASS
		2480	Reference	0.41	0.41	---	PASS
			30~1000	30~1000	-67.332	<=-19.592	PASS
			1000~26500	1000~26500	-51.17	<=-19.592	PASS
3DH1	Ant1	2402	Reference	1.36	1.36	---	PASS
			30~1000	30~1000	-43.218	<=-18.636	PASS
			1000~26500	1000~26500	-48.12	<=-18.636	PASS
		2441	Reference	1.20	1.20	---	PASS
			30~1000	30~1000	-67.521	<=-18.802	PASS
			1000~26500	1000~26500	-51.739	<=-18.802	PASS
		2480	Reference	0.69	0.69	---	PASS
			30~1000	30~1000	-67.318	<=-19.31	PASS
			1000~26500	1000~26500	-48.786	<=-19.31	PASS

Test Graphs

DH1_Ant1_2402_0~Reference



DH1_Ant1_2402_30~1000



DH1_Ant1_2402_1000~26500