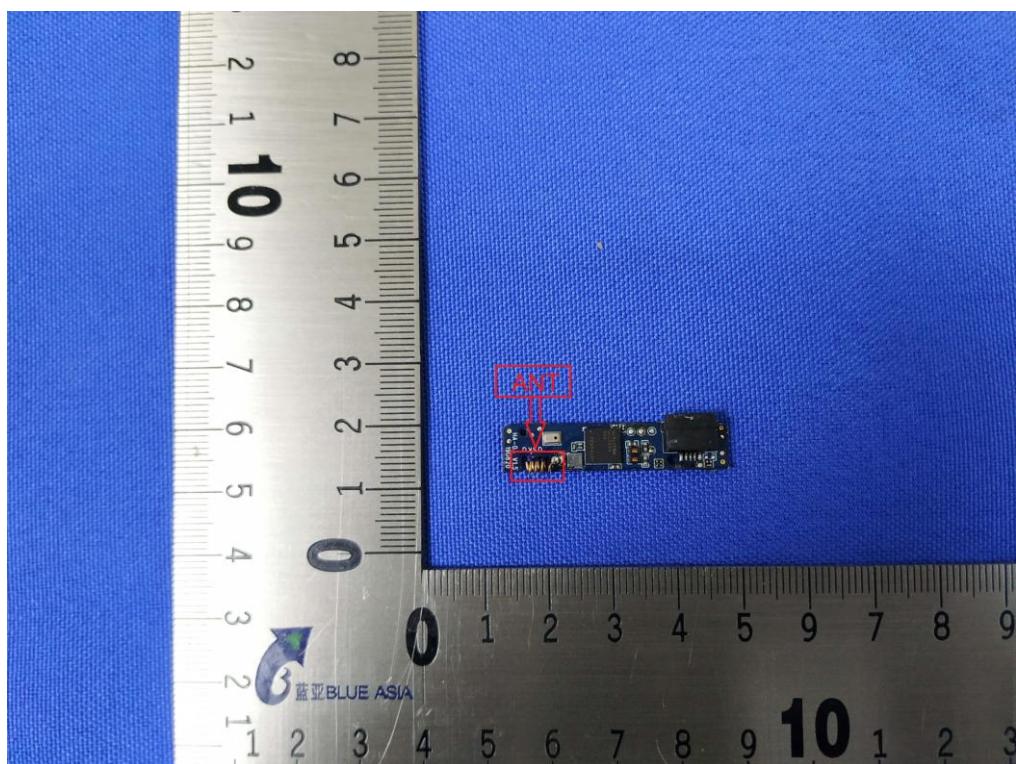




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BluerX

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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: 20dB Emission Bandwidth

Test Result

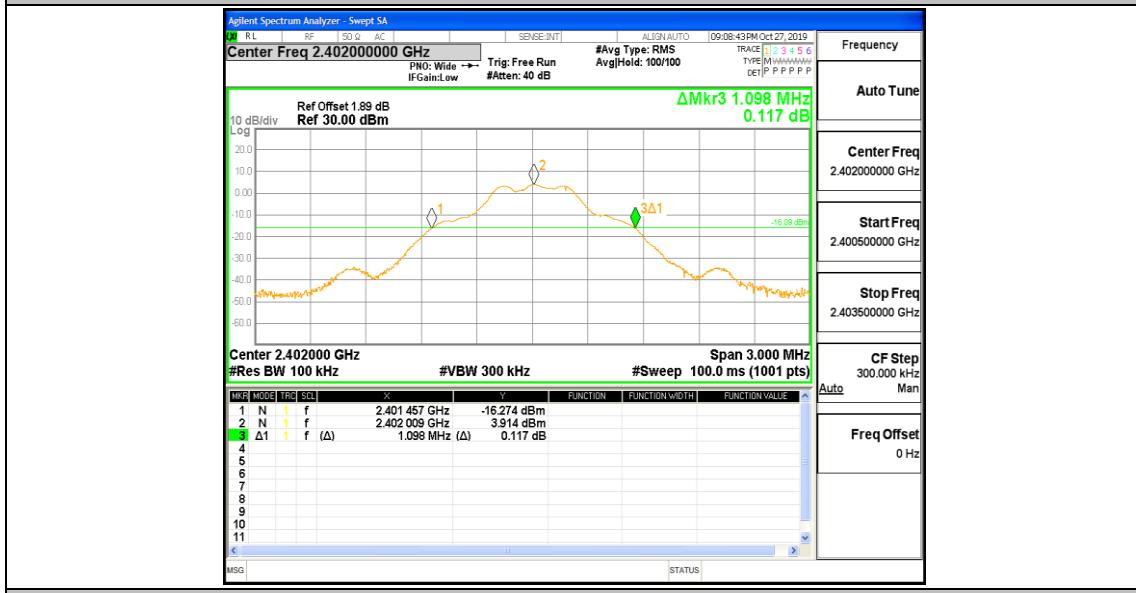
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.098	2401.460	2402.558	---	PASS
		2441	1.104	2440.454	2441.558	---	PASS
		2480	1.098	2479.457	2480.555	---	PASS
2DH1	Ant1	2402	1.098	2401.457	2402.555	---	PASS
		2441	1.104	2440.454	2441.558	---	PASS
		2480	1.101	2479.457	2480.558	---	PASS
3DH1	Ant1	2402	1.104	2401.454	2402.558	---	PASS
		2441	1.104	2440.454	2441.558	---	PASS
		2480	1.098	2479.457	2480.555	---	PASS

Test Graphs

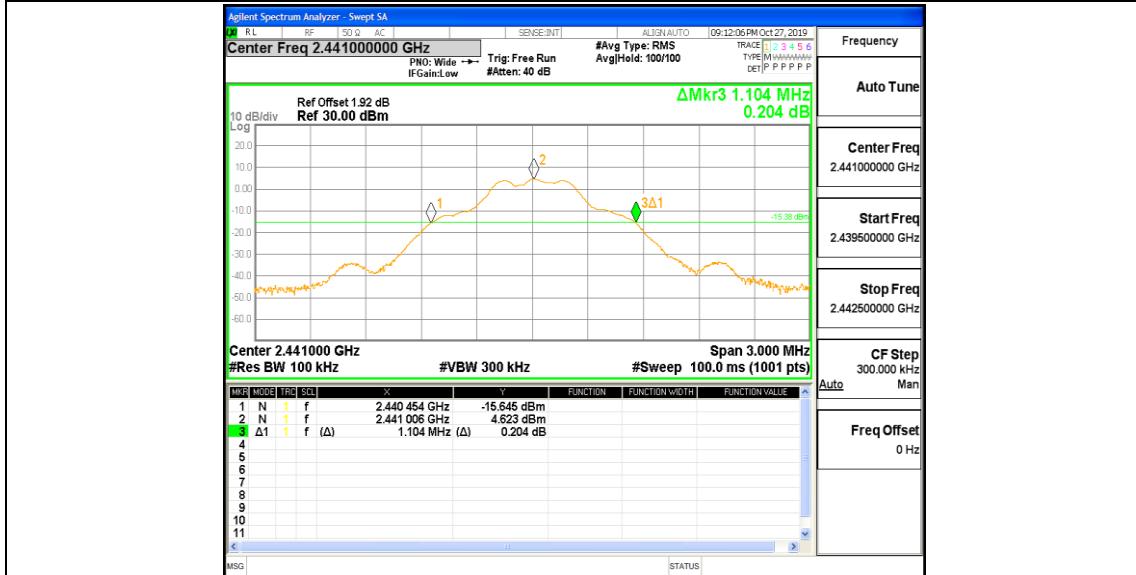


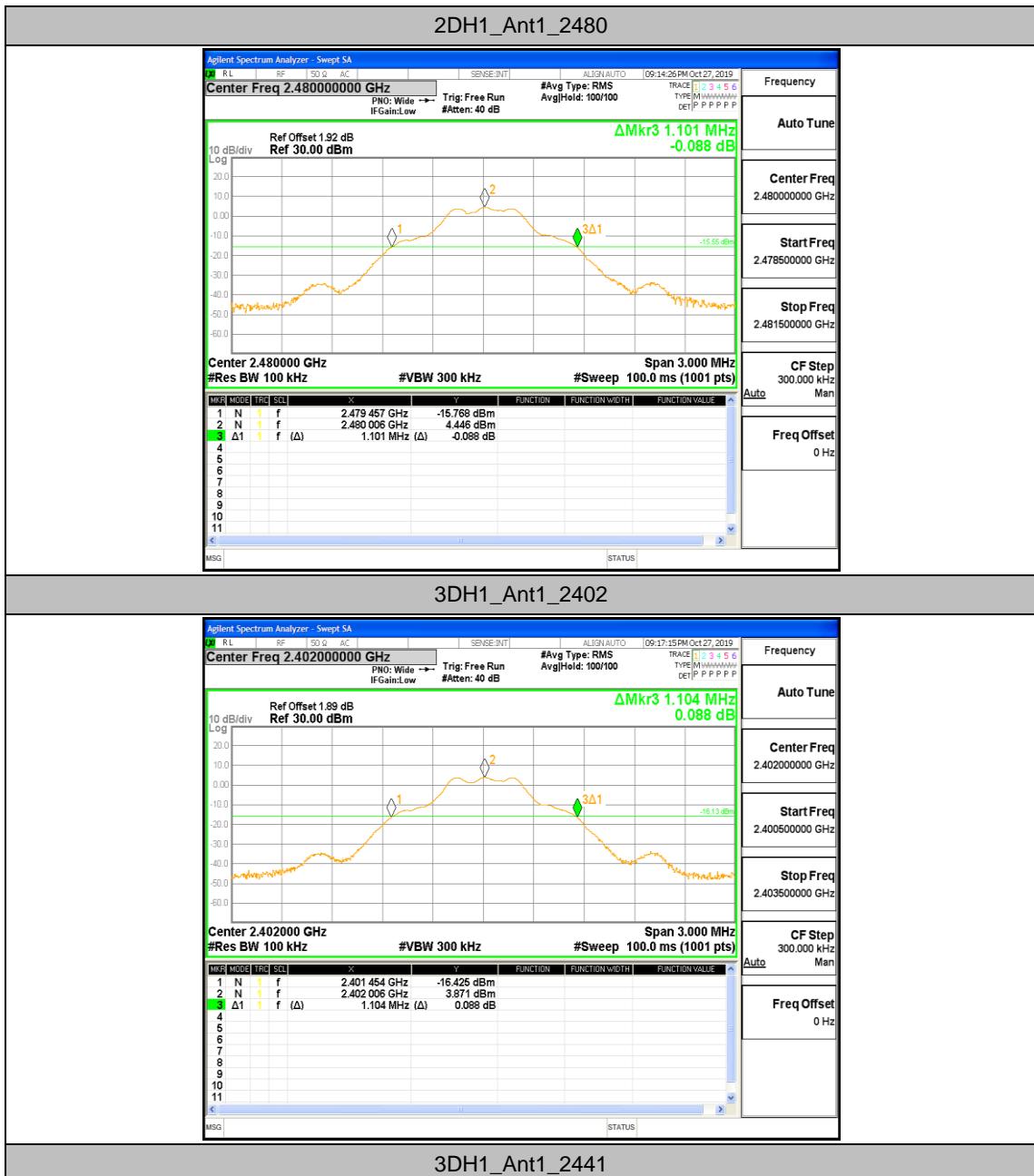


2DH1_Ant1_2402



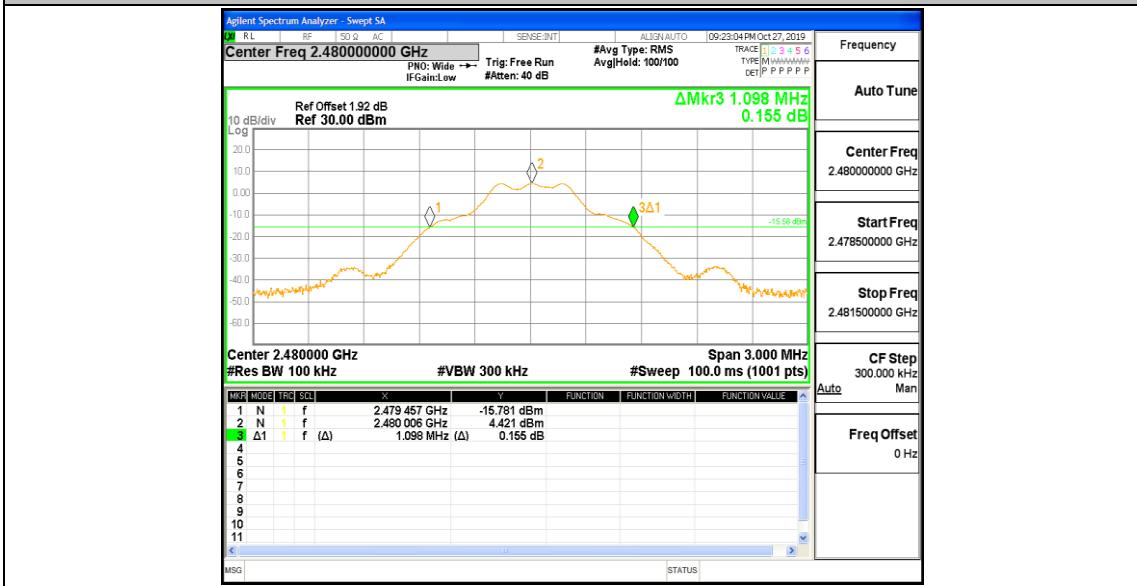
2DH1_Ant1_2441







3DH1_Ant1_2480

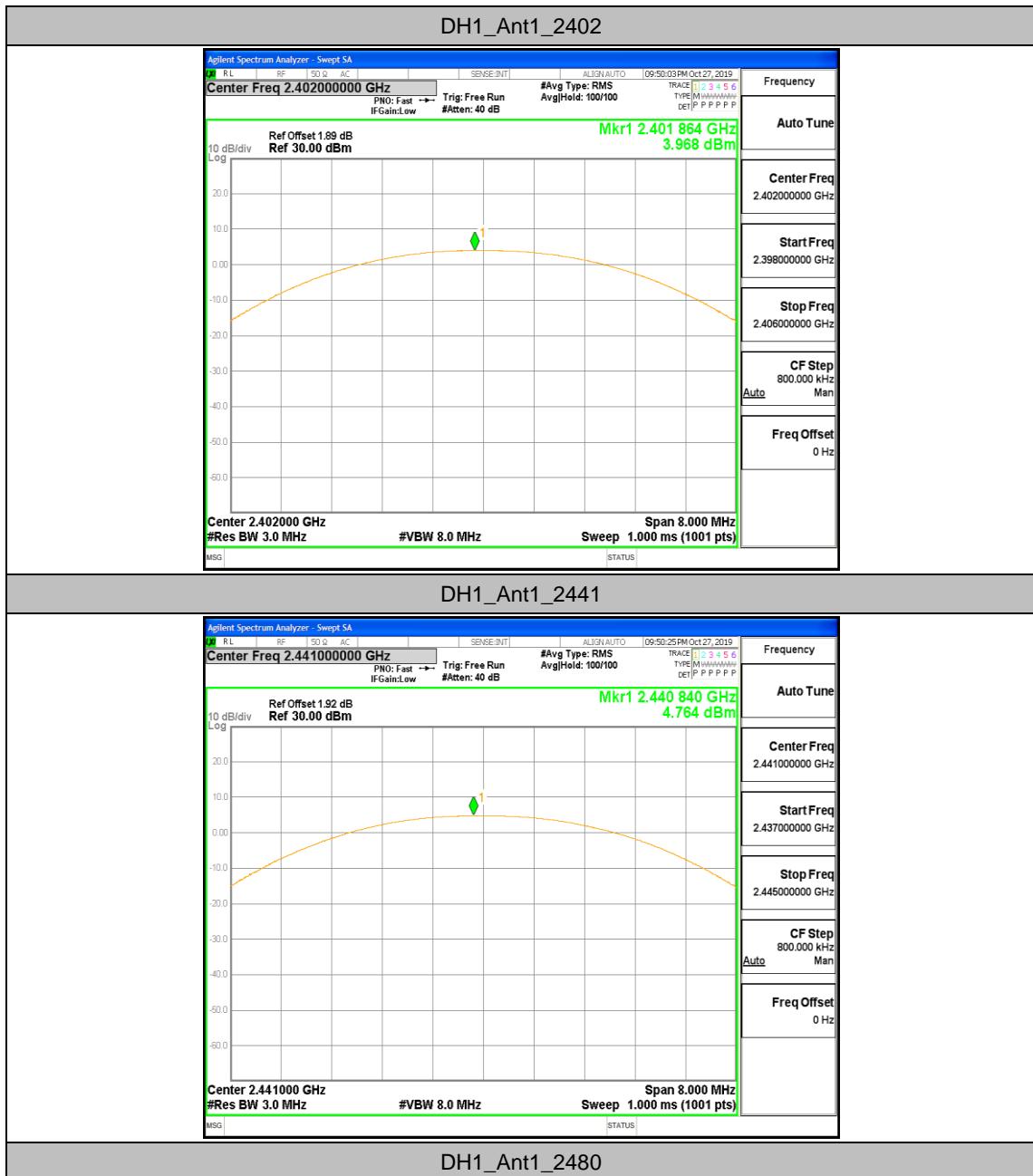


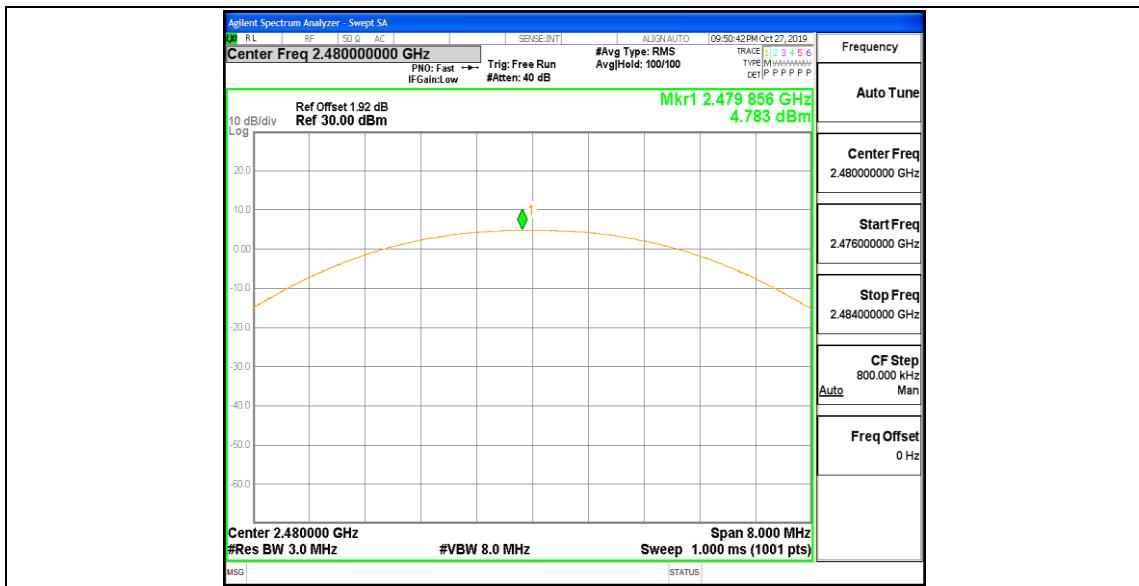
AppendixC: Maximum conducted output power

Test Result

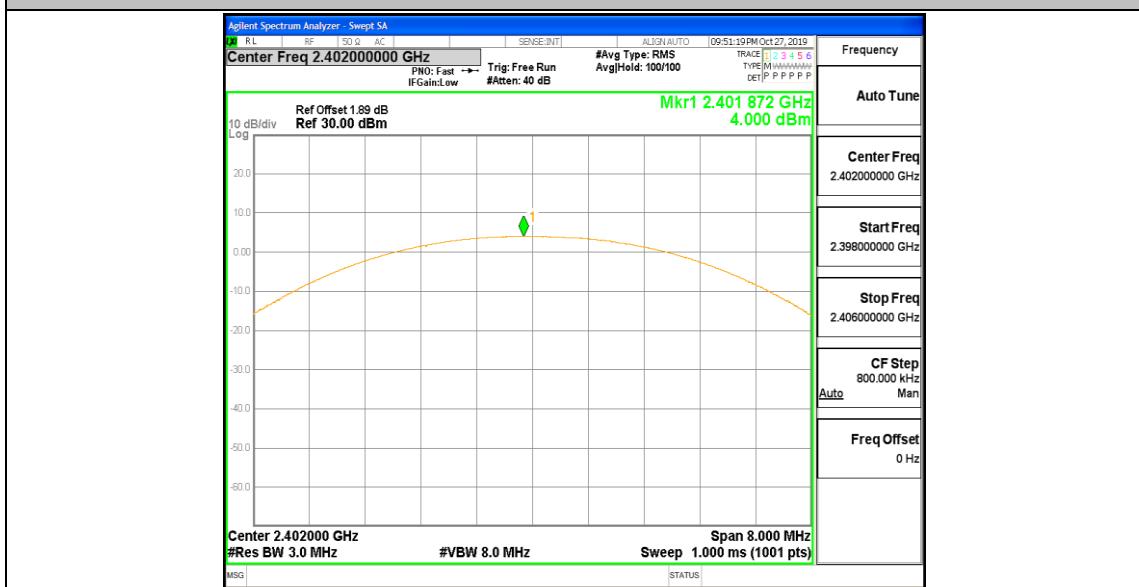
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	3.97	<=21	PASS
		2441	4.76	<=21	PASS
		2480	4.78	<=21	PASS
2DH1	Ant1	2402	4	<=21	PASS
		2441	4.83	<=21	PASS
		2480	4.82	<=21	PASS
3DH1	Ant1	2402	4.03	<=21	PASS
		2441	4.83	<=21	PASS
		2480	4.74	<=21	PASS

Test Graphs

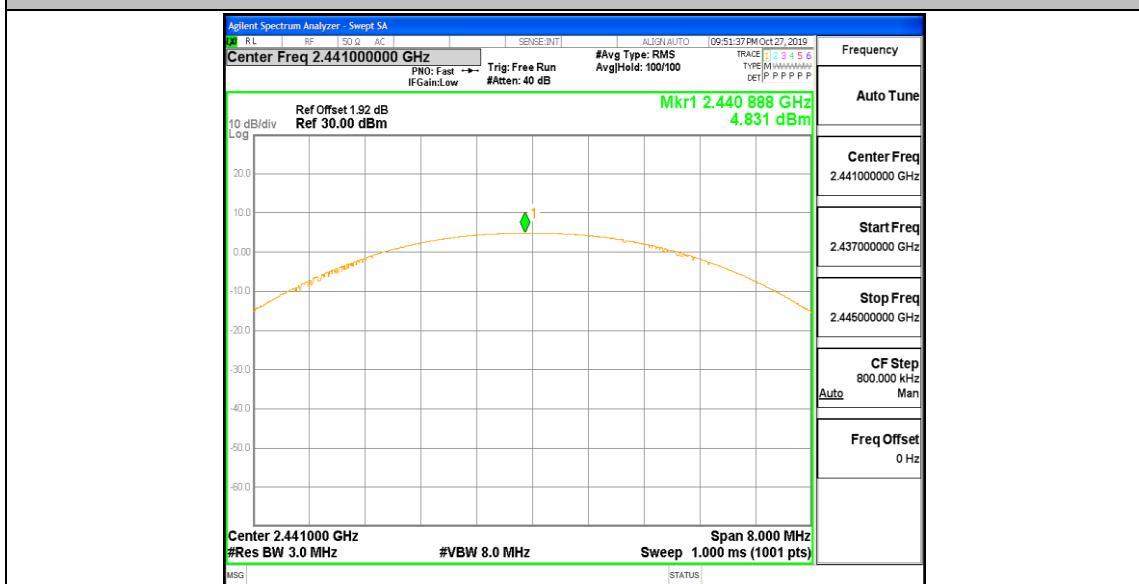


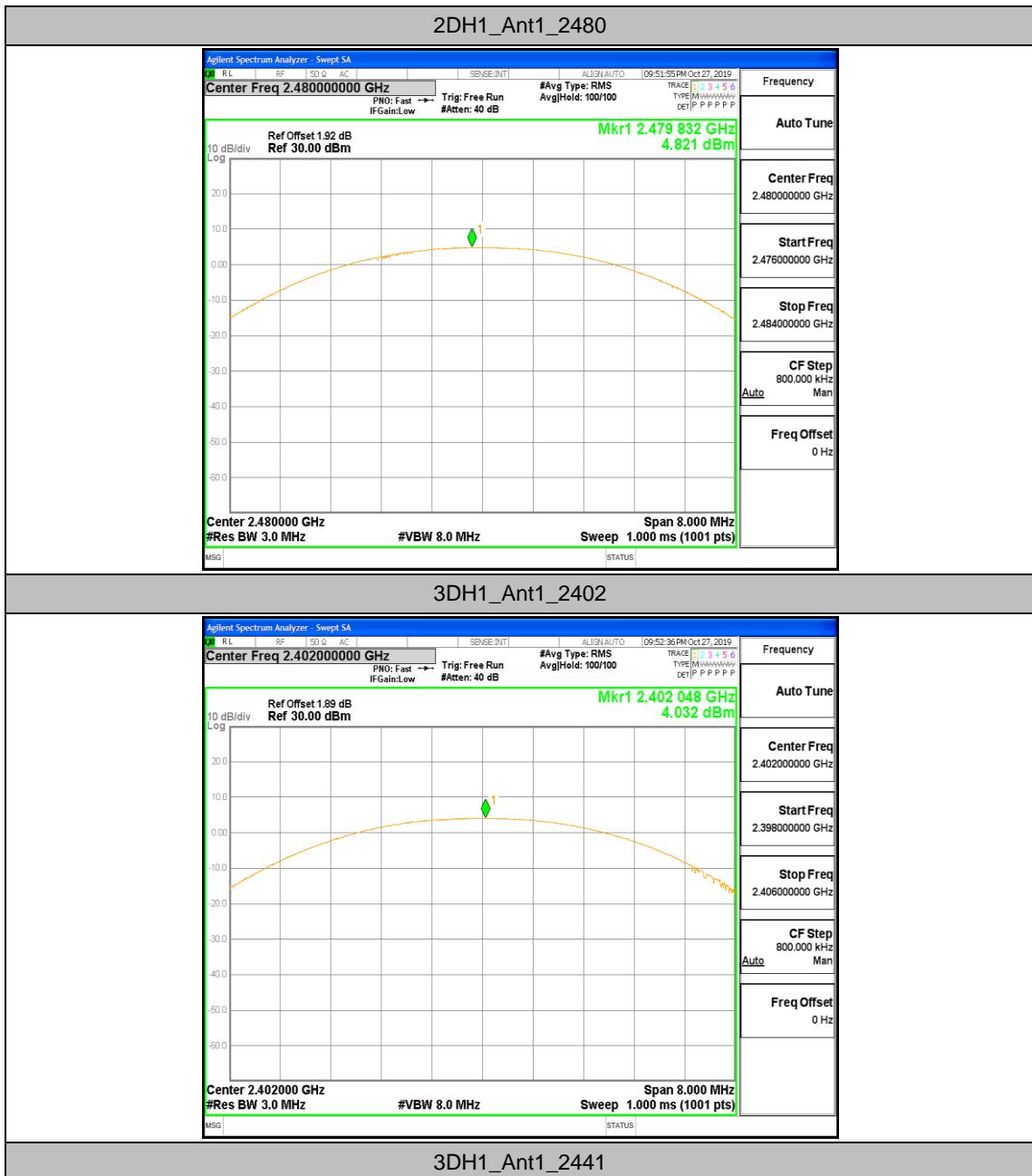


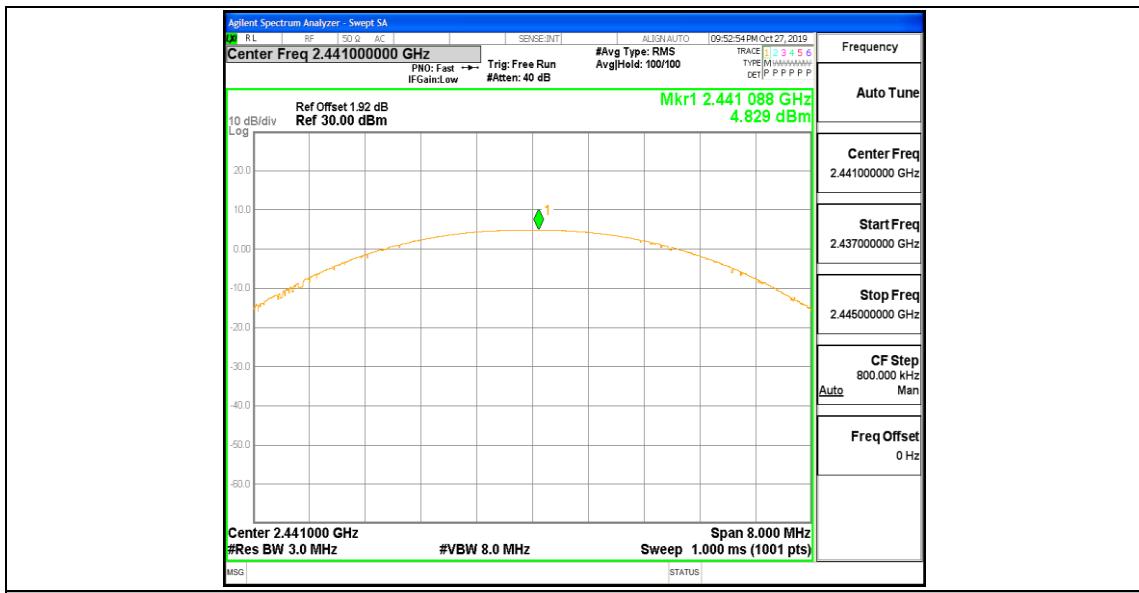
2DH1_Ant1_2400



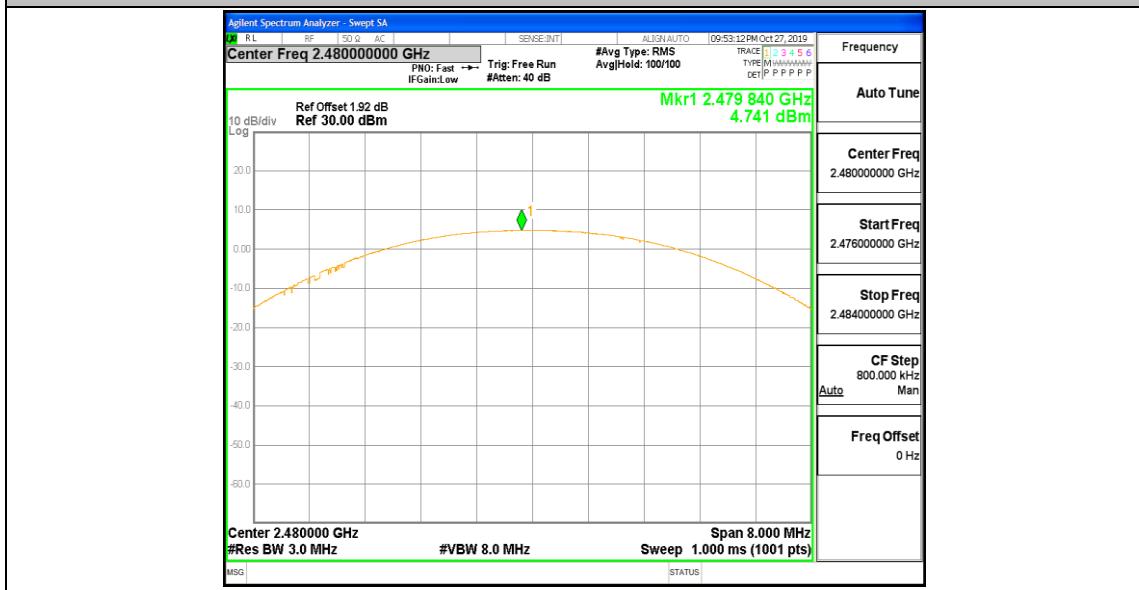
2DH1_Ant1_2441







3DH1_Ant1_2480



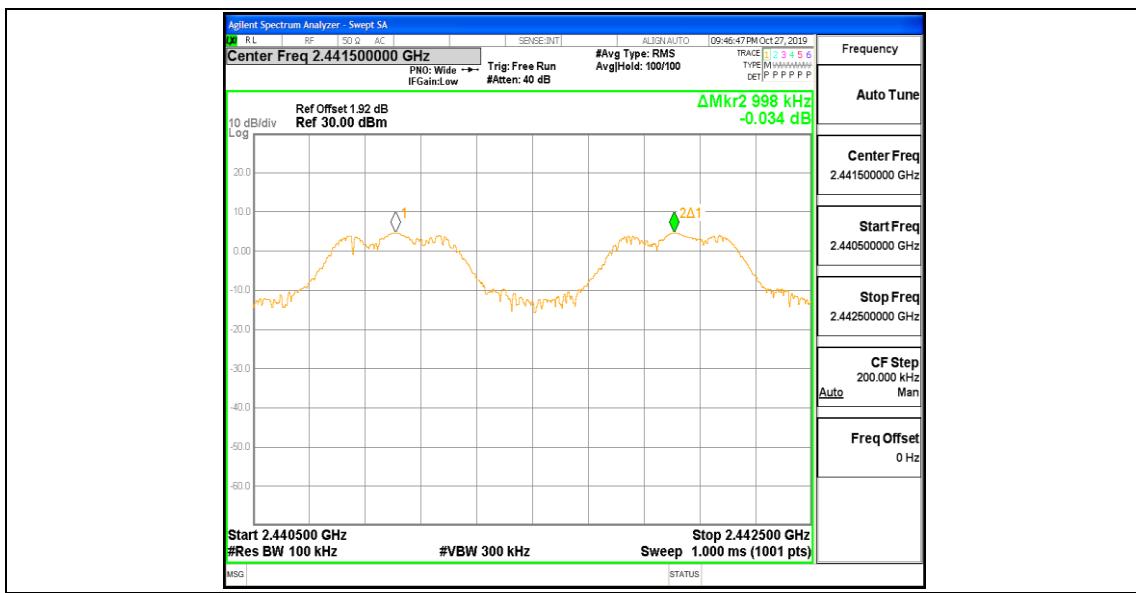
AppendixD: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[dBm]	Verdict
DH1	Ant1	Hop	1.17	>=1.104	PASS
2DH1	Ant1	Hop	1.164	>=1.104	PASS
3DH1	Ant1	Hop	0.998	>=0.736	PASS

Test Graphs



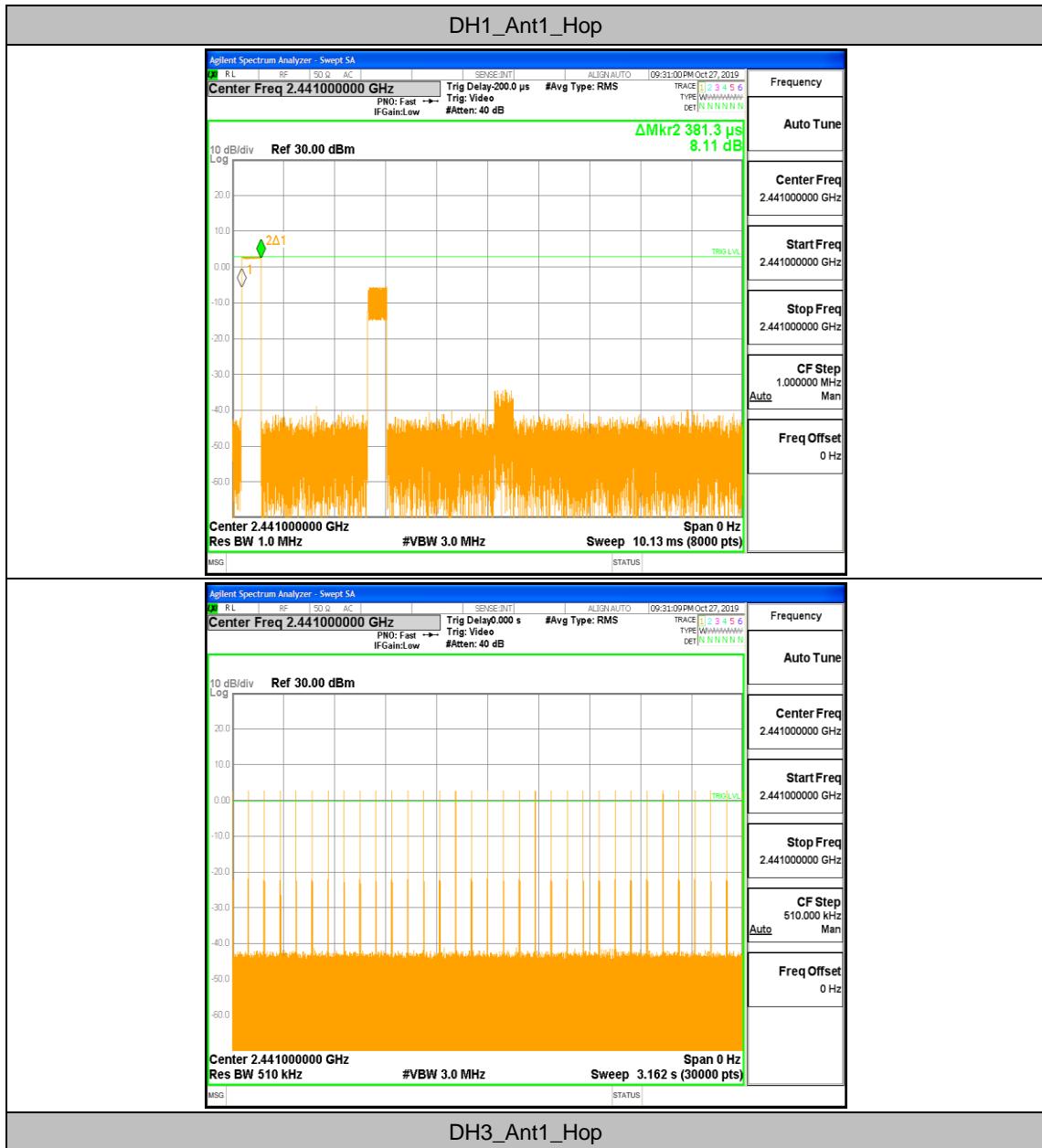


AppendixE: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.38	330	0.126	<=0.4	PASS
DH3	Ant1	Hop	1.64	170	0.279	<=0.4	PASS
DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS

Test Graphs



DH3_Ant1_Hop



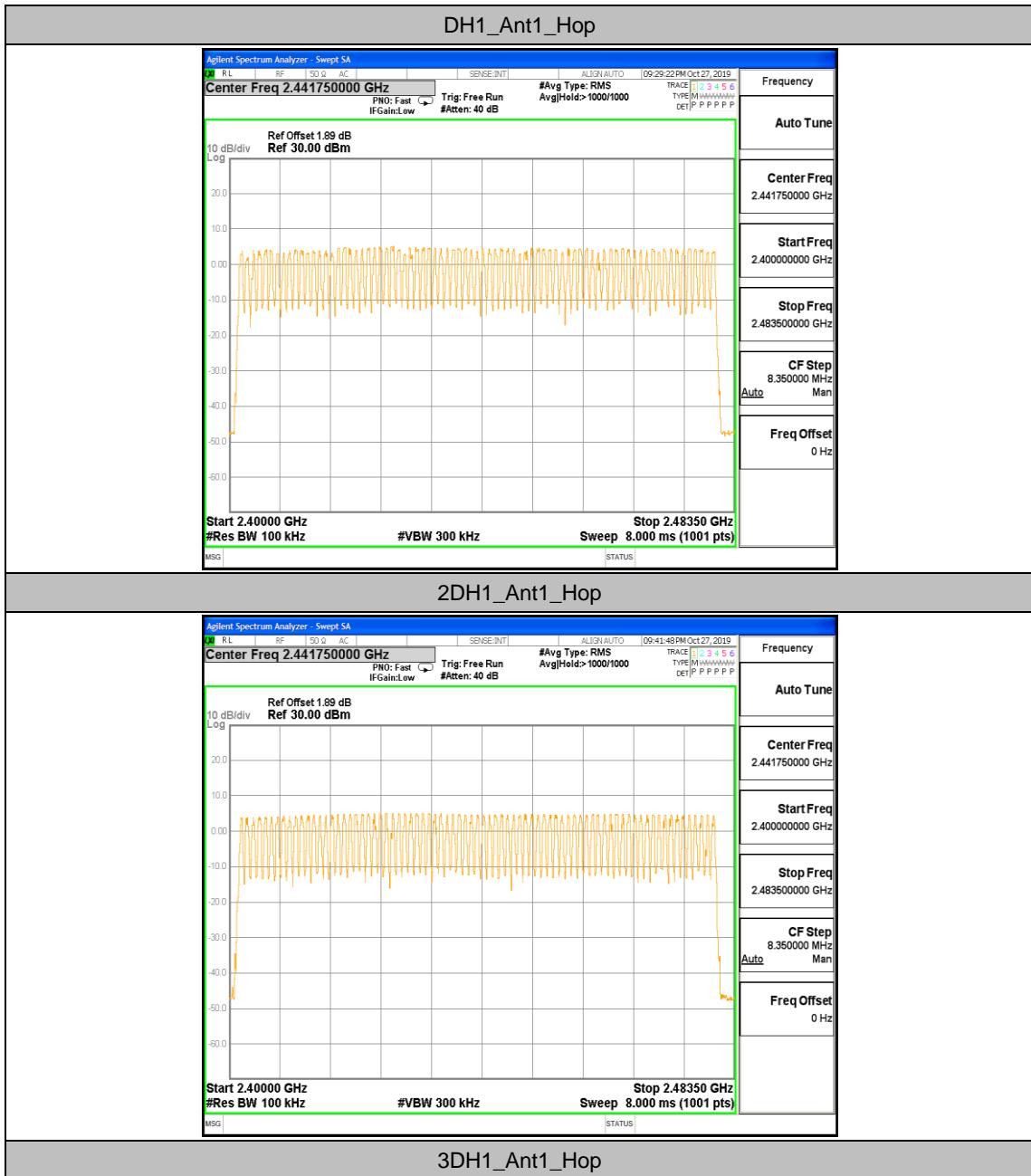


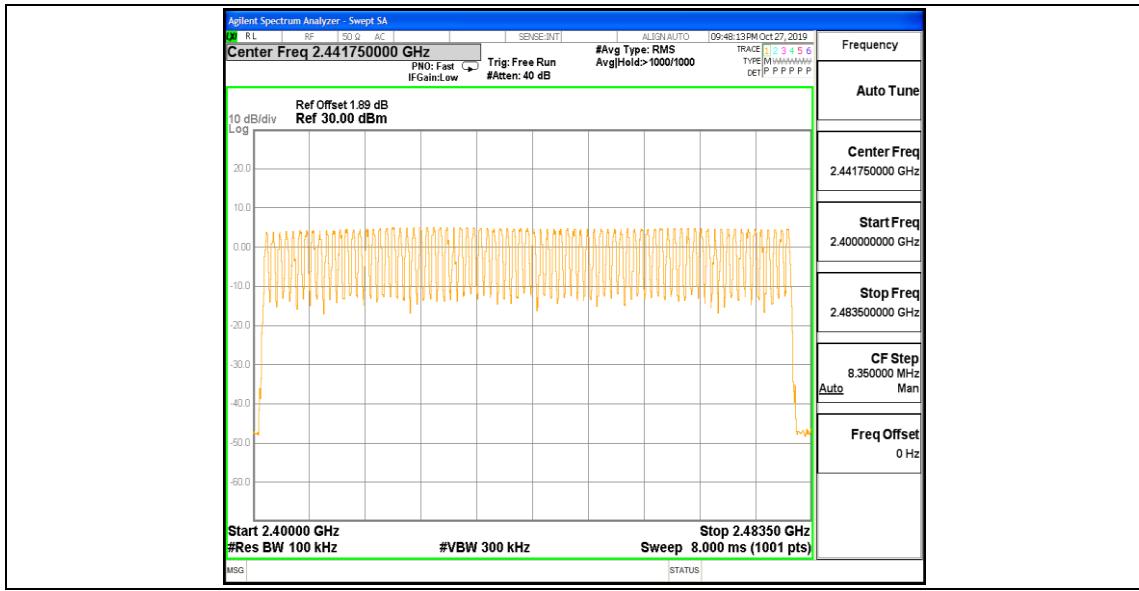
AppendixF: Number of hopping channels

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



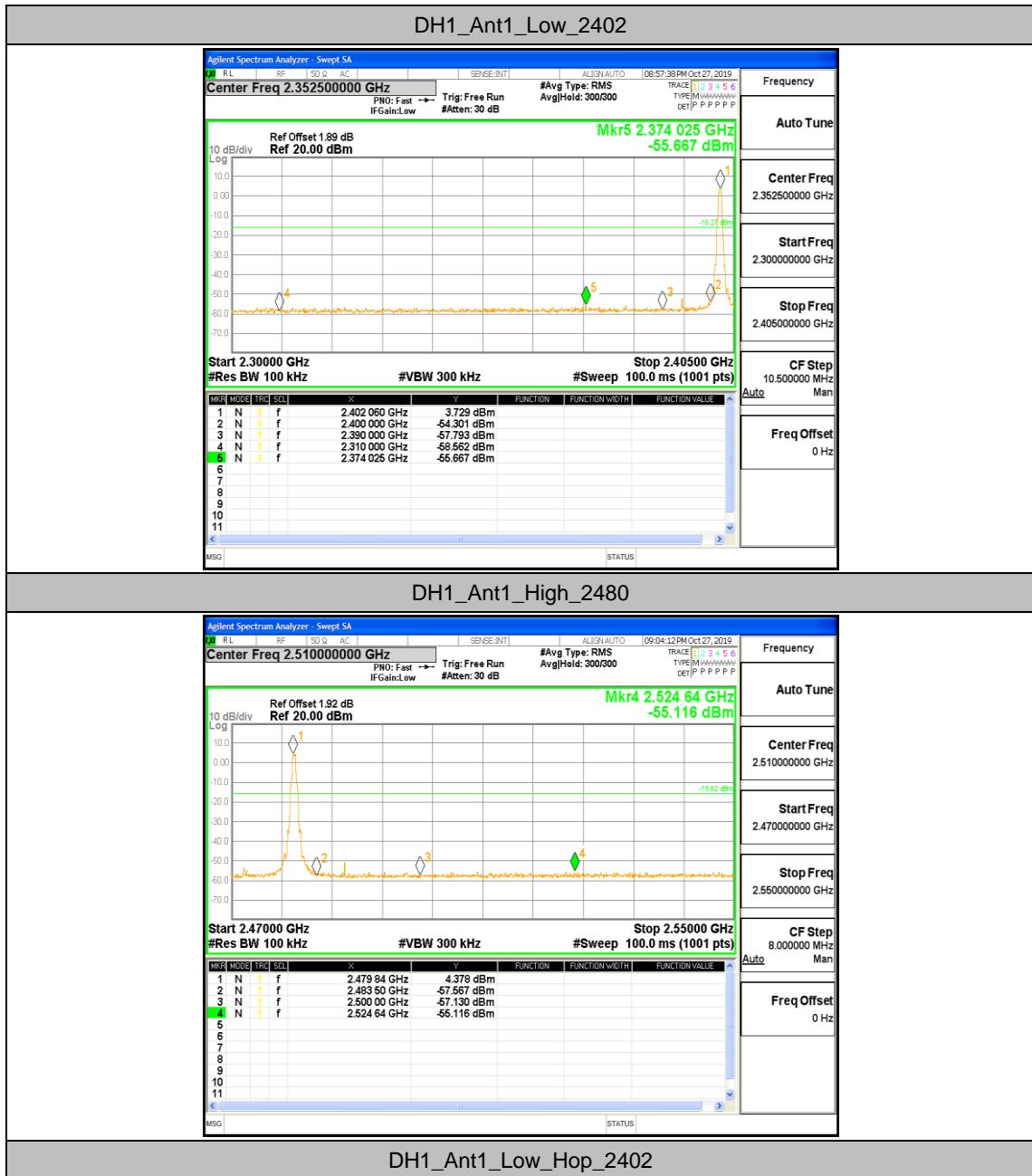


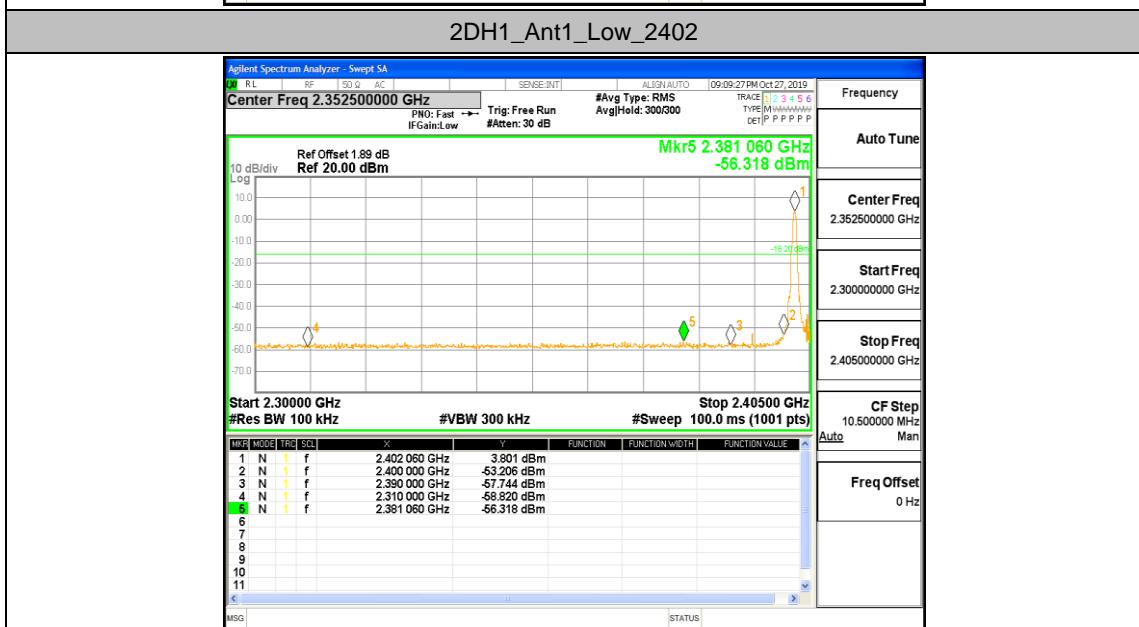
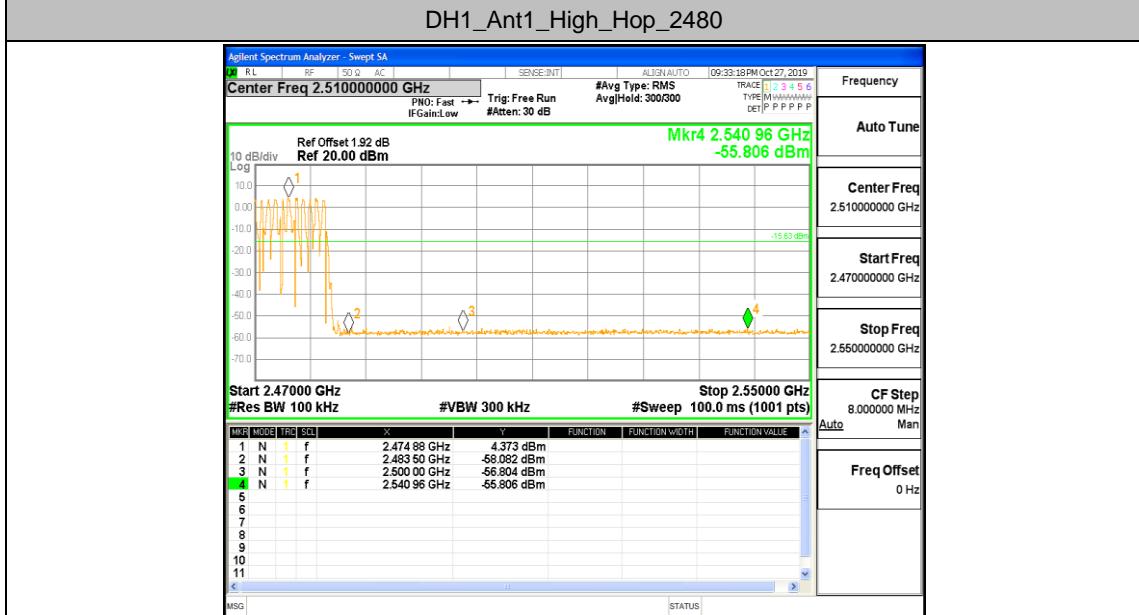
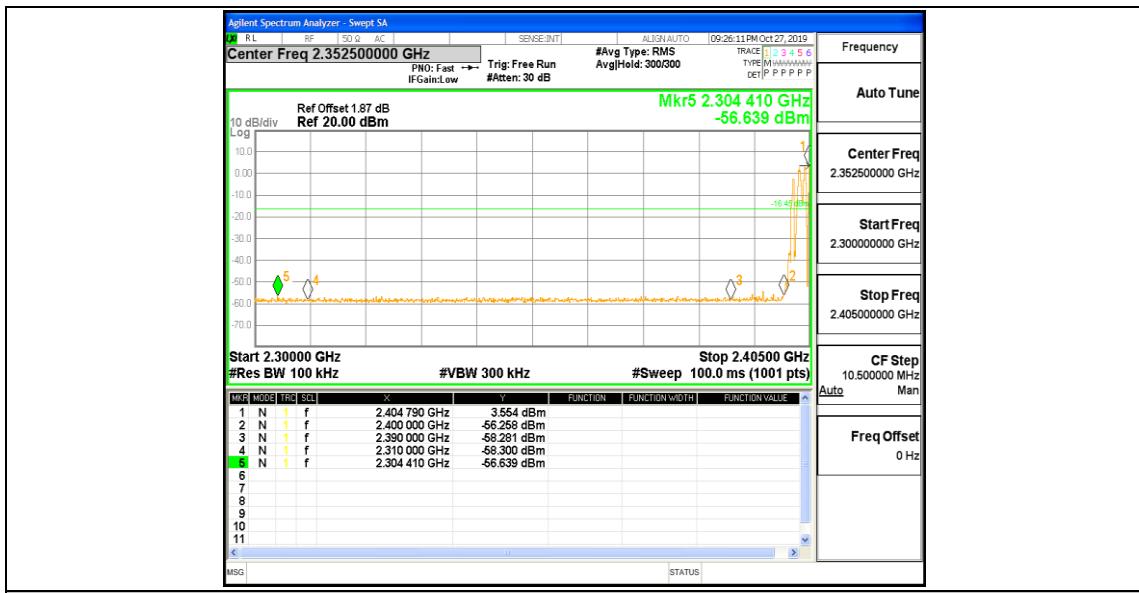
AppendixG:Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	3.73	-55.67	<=-16.27	PASS
		High	2480	4.38	-55.12	<=-15.62	PASS
		Low	Hop_2402	3.55	-56.64	-16.45	PASS
		High	Hop_2480	4.37	-55.81	-15.63	PASS
2DH1	Ant1	Low	2402	3.80	-56.32	<=-16.2	PASS
		High	2480	4.43	-55.37	<=-15.57	PASS
		Low	Hop_2402	3.74	-55.5	-16.26	PASS
		High	Hop_2480	4.58	-55.4	-15.42	PASS
3DH1	Ant1	Low	2402	3.81	-56.16	<=-16.19	PASS
		High	2480	4.39	-55.64	<=-15.61	PASS
		Low	Hop_2402	3.83	-55.49	-16.17	PASS
		High	Hop_2480	4.55	-55.02	-15.45	PASS

Test Graphs

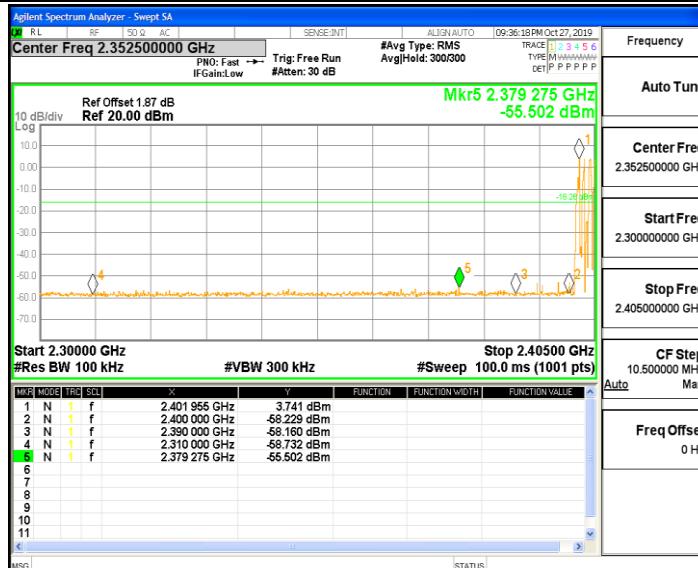




2DH1_Ant1_High_2480



2DH1_Ant1_Low_Hop_2402



2DH1_Ant1_High_Hop_2480

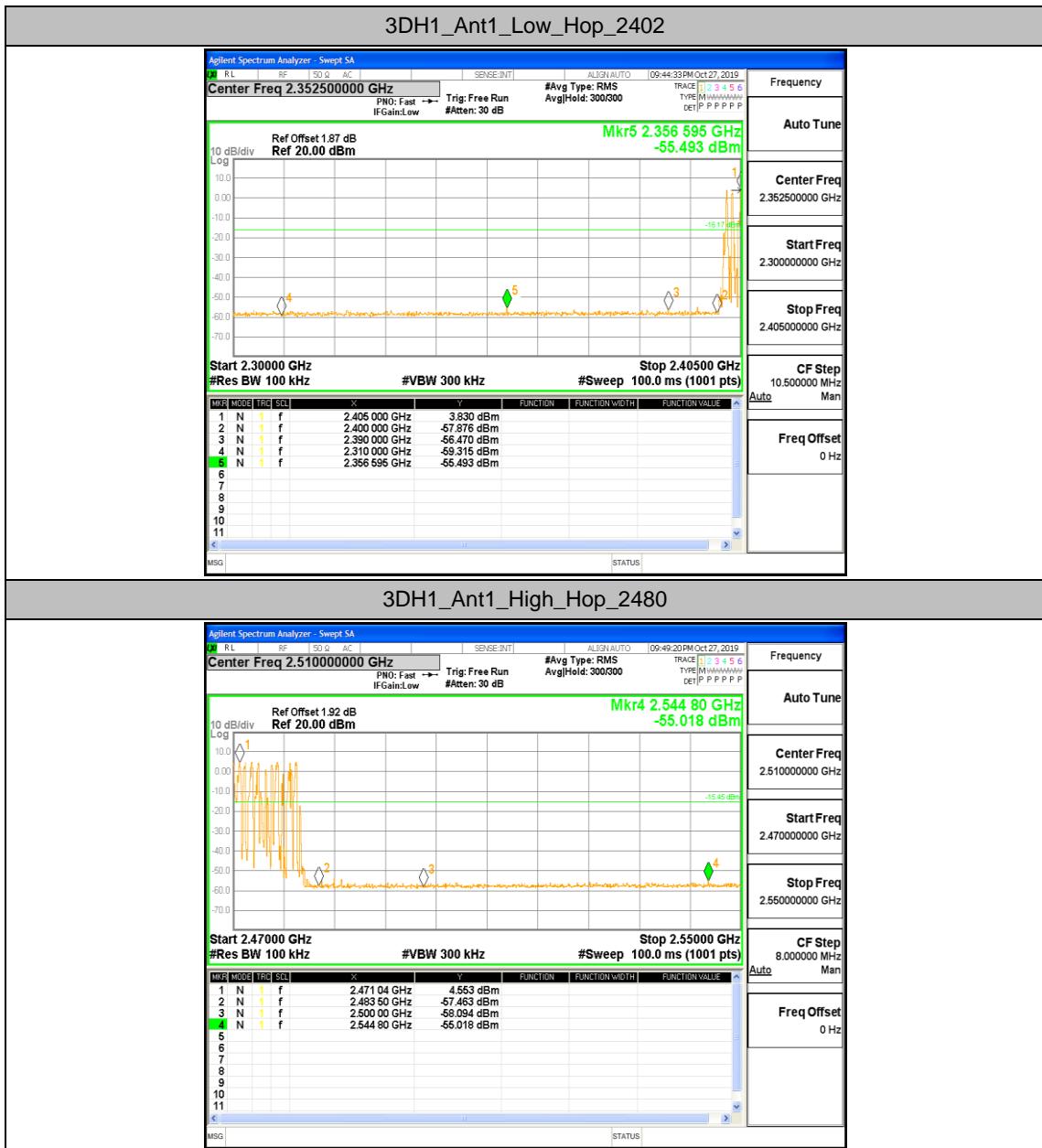


3DH1_Ant1_Low_2402



3DH1 Ant1 High 2480



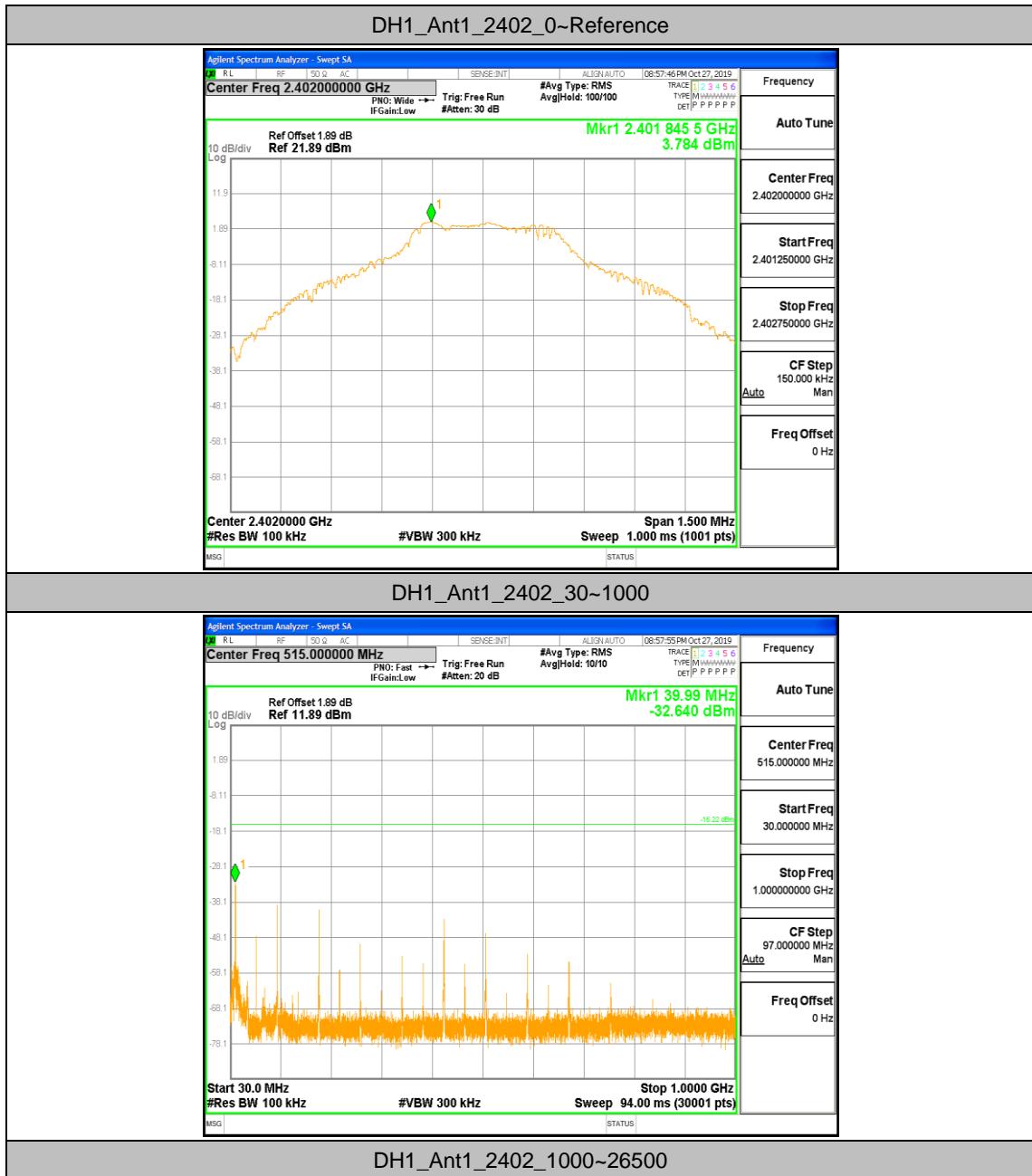


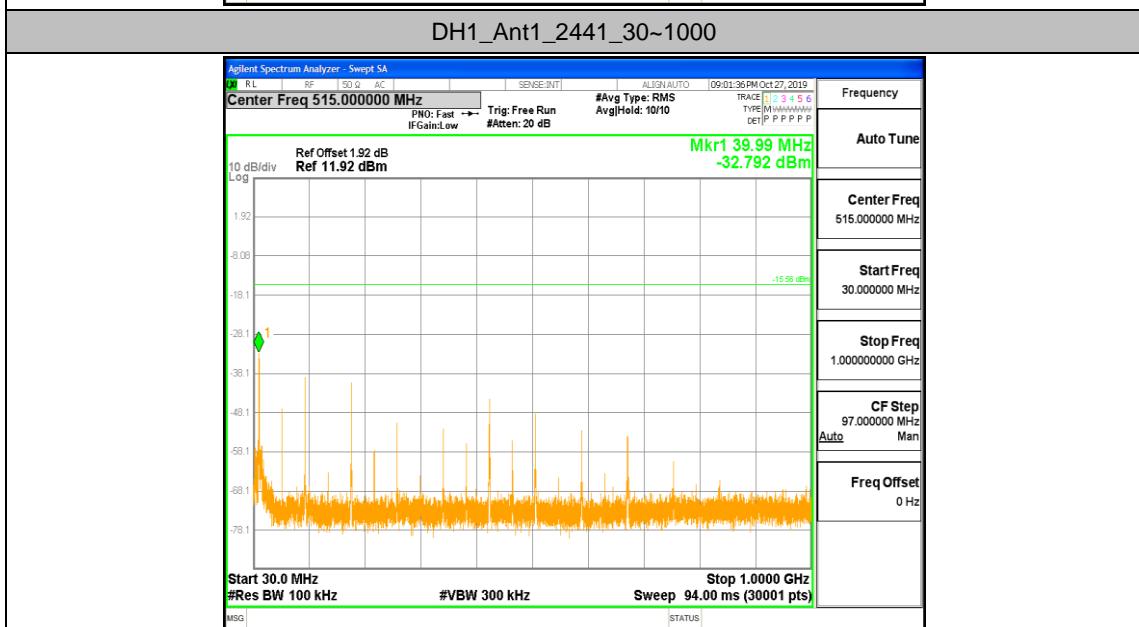
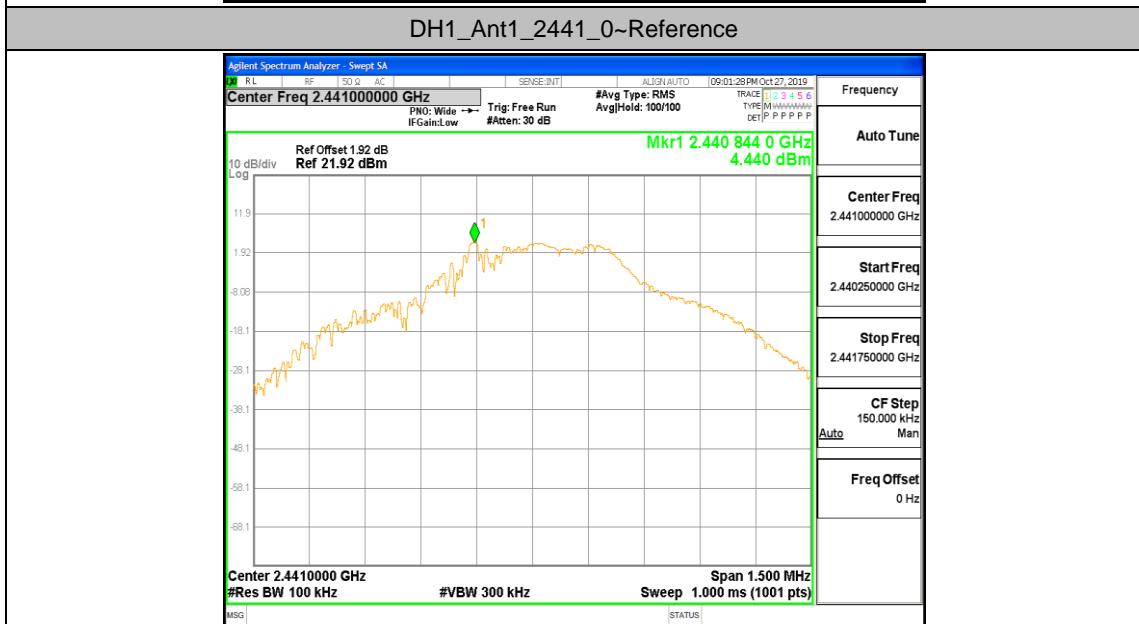
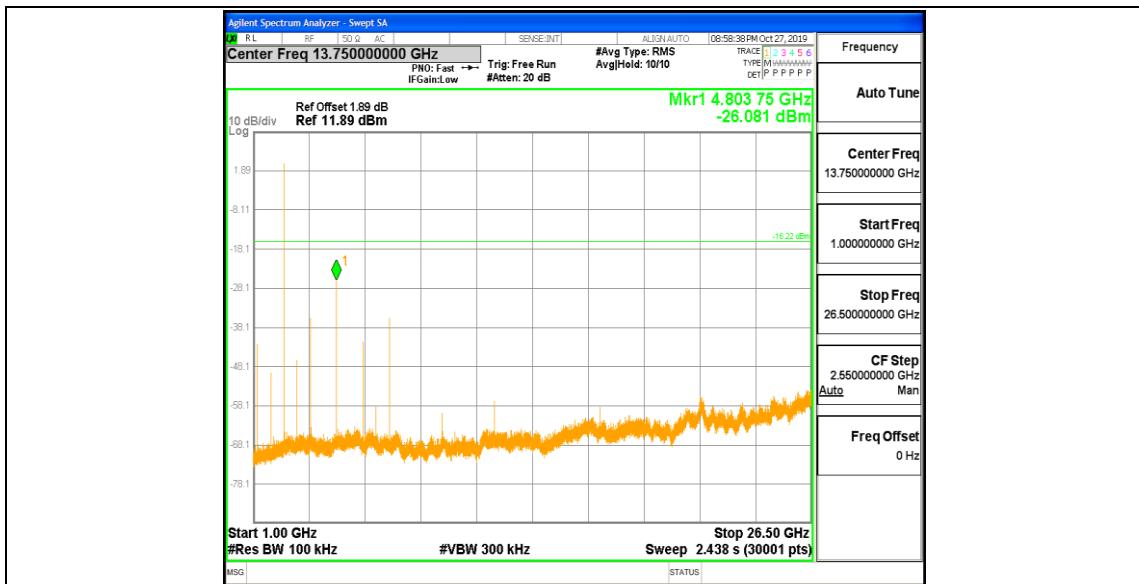
AppendixH:Conducted SpuriousEmission

Test Result

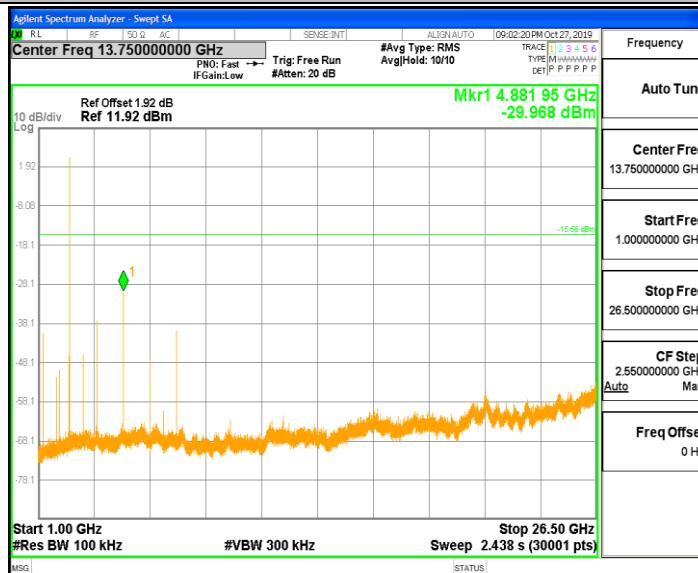
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	3.78	3.78	---	PASS
			30~1000	30~1000	-32.64	<=-16.216	PASS
			1000~26500	1000~26500	-26.081	<=-16.216	PASS
		2441	Reference	4.44	4.44	---	PASS
			30~1000	30~1000	-32.792	<=-15.56	PASS
			1000~26500	1000~26500	-29.968	<=-15.56	PASS
		2480	Reference	4.37	4.37	---	PASS
			30~1000	30~1000	-32.413	<=-15.632	PASS
			1000~26500	1000~26500	-28.387	<=-15.632	PASS
2DH1	Ant1	2402	Reference	3.80	3.80	---	PASS
			30~1000	30~1000	-31.841	<=-16.205	PASS
			1000~26500	1000~26500	-26.333	<=-16.205	PASS
		2441	Reference	4.56	4.56	---	PASS
			30~1000	30~1000	-32.628	<=-15.442	PASS
			1000~26500	1000~26500	-27.247	<=-15.442	PASS
		2480	Reference	4.43	4.43	---	PASS
			30~1000	30~1000	-32.062	<=-15.569	PASS
			1000~26500	1000~26500	-27.951	<=-15.569	PASS
3DH1	Ant1	2402	Reference	3.80	3.80	---	PASS
			30~1000	30~1000	-32.217	<=-16.198	PASS
			1000~26500	1000~26500	-26.468	<=-16.198	PASS
		2441	Reference	4.52	4.52	---	PASS
			30~1000	30~1000	-32.057	<=-15.482	PASS
			1000~26500	1000~26500	-27.272	<=-15.482	PASS
		2480	Reference	4.33	4.33	---	PASS
			30~1000	30~1000	-32.38	<=-15.67	PASS
			1000~26500	1000~26500	-28.146	<=-15.67	PASS

Test Graphs





DH1_Ant1_2441_1000~26500

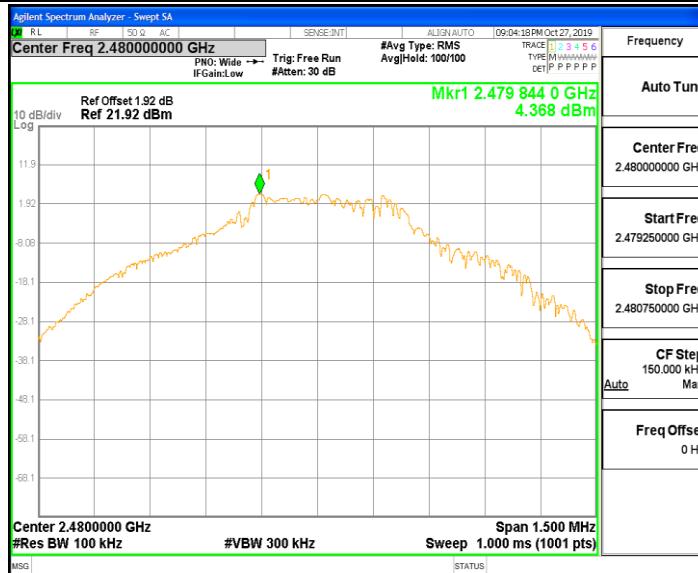


Frequency

Auto Tune

Center Freq
13.750000000 GHzStart Freq
1.000000000 GHzStop Freq
26.500000000 GHzCF Step
2.550000000 GHz Auto ManFreq Offset
0 Hz

DH1_Ant1_2480_0~Reference

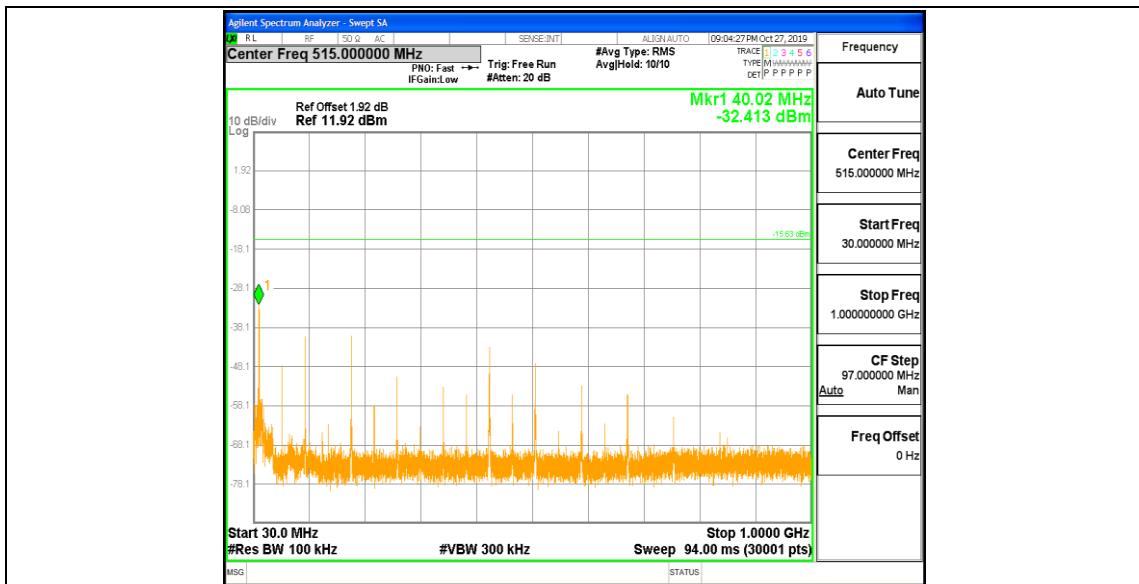


Frequency

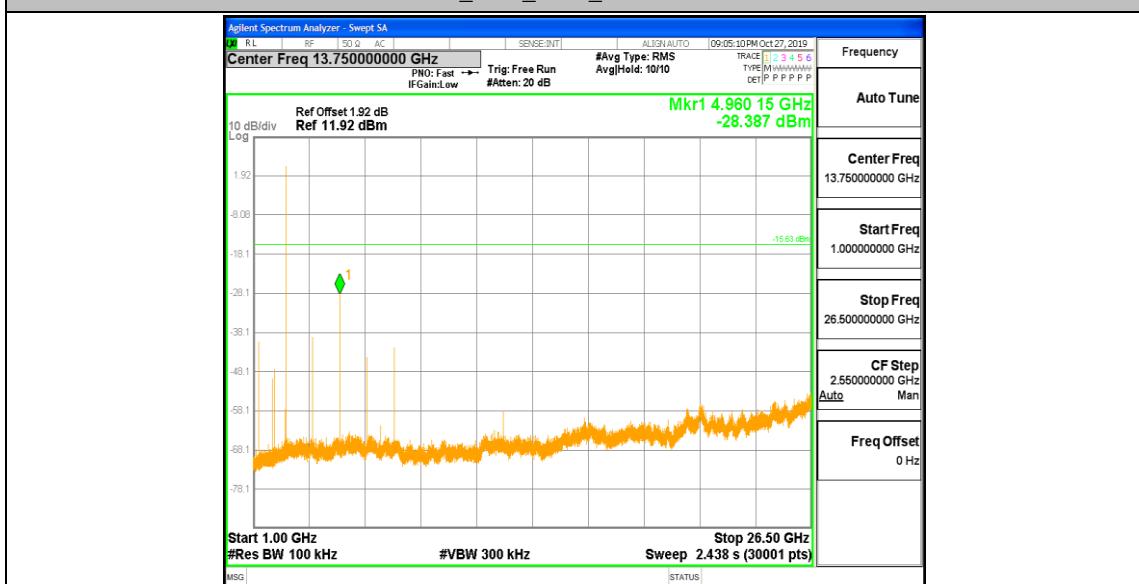
Auto Tune

Center Freq
2.480000000 GHzStart Freq
2.479250000 GHzStop Freq
2.480750000 GHzCF Step
150.000 kHz Auto ManFreq Offset
0 Hz

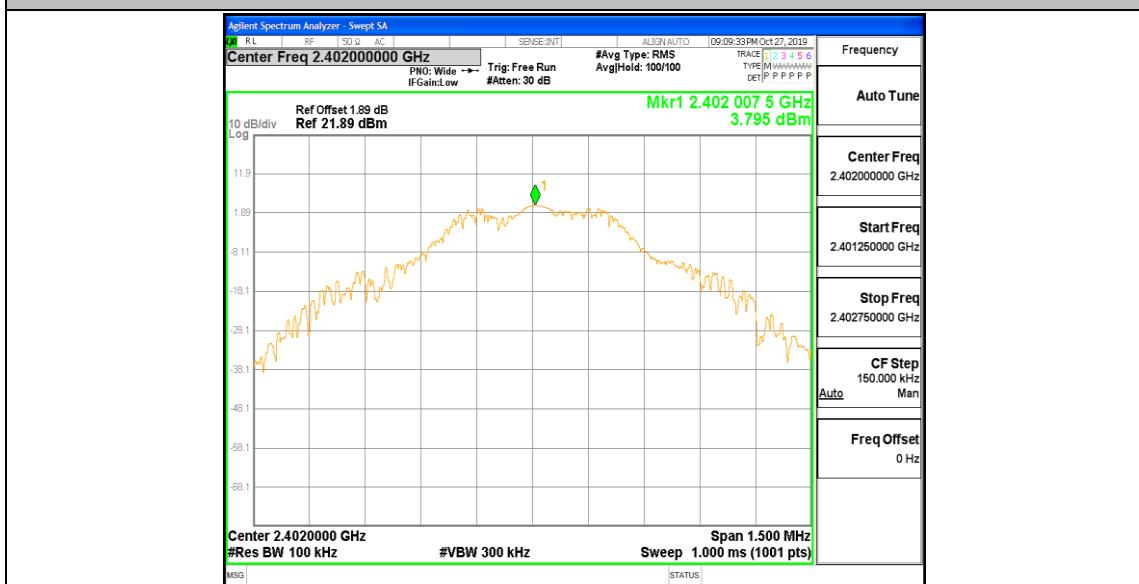
DH1_Ant1_2480_30~1000

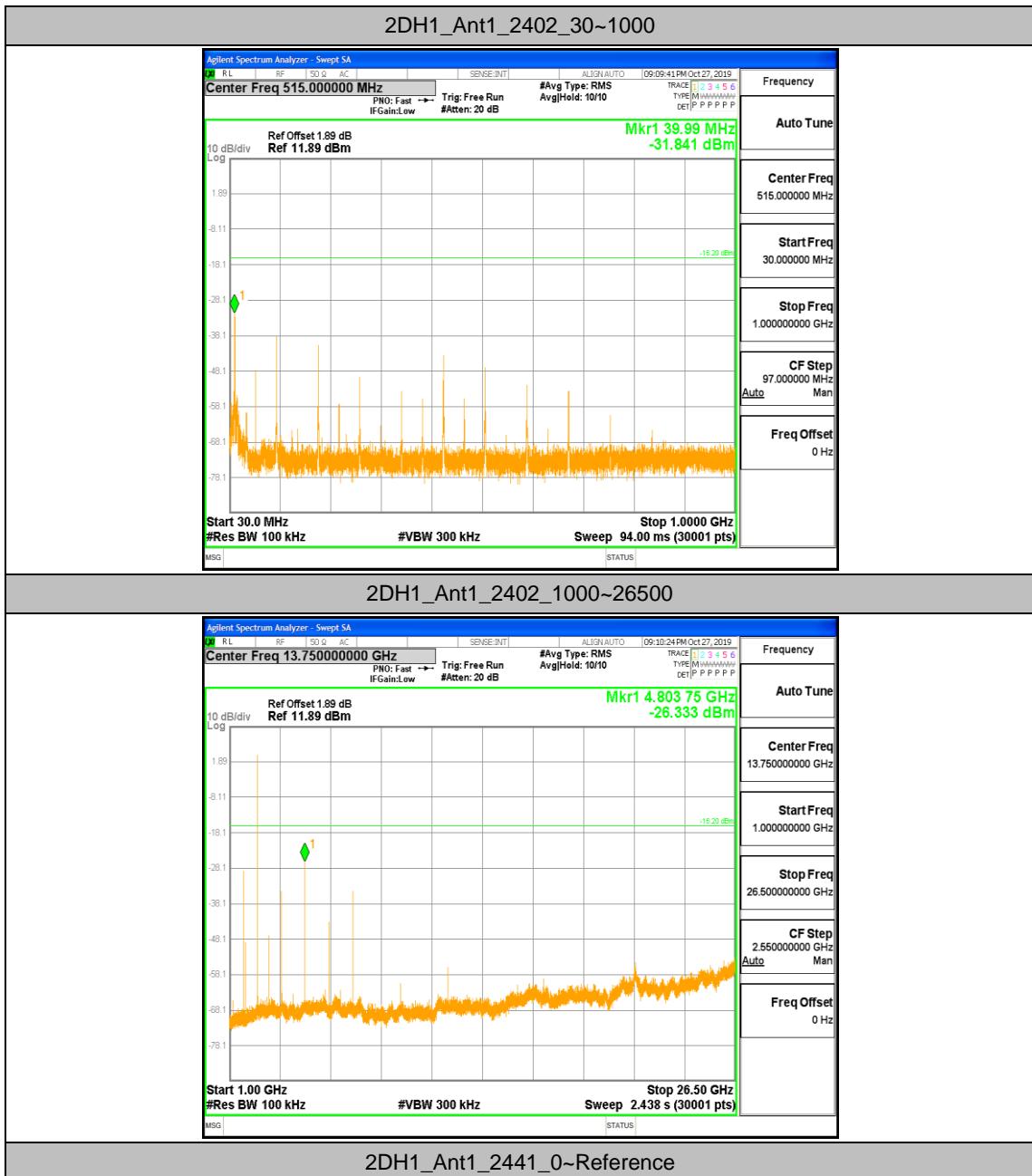


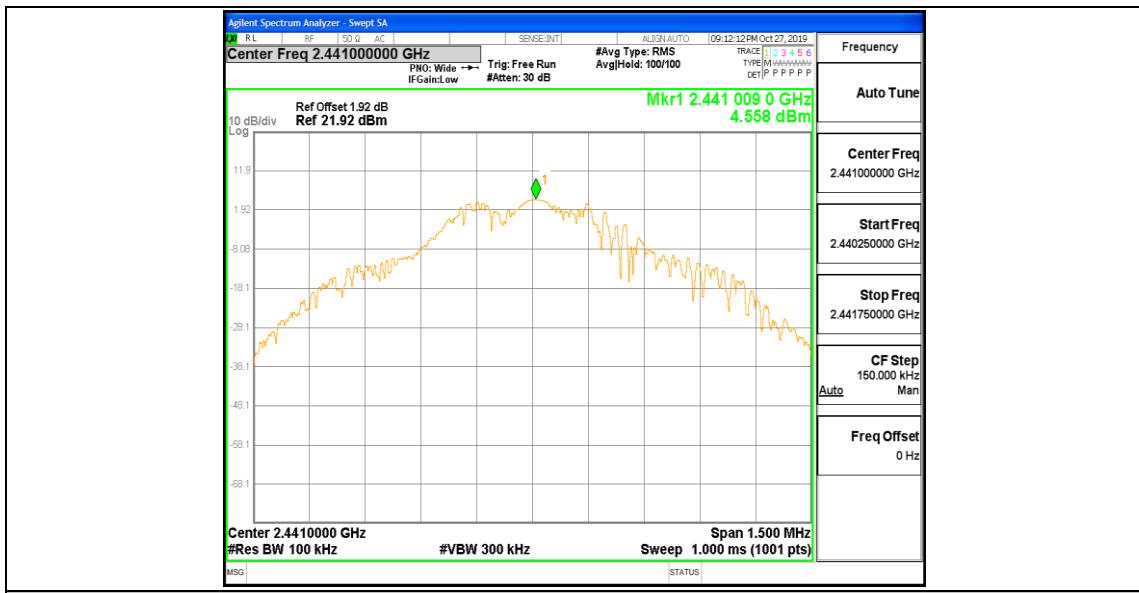
DH1_Ant1_2480_1000~26500



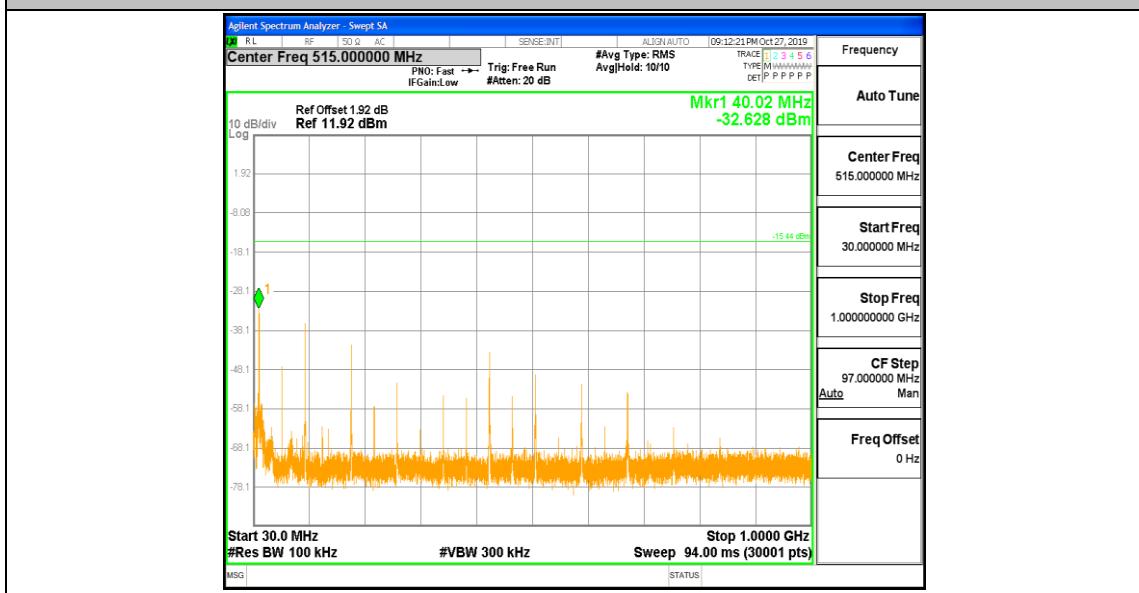
2DH1_Ant1_2402_0~Reference



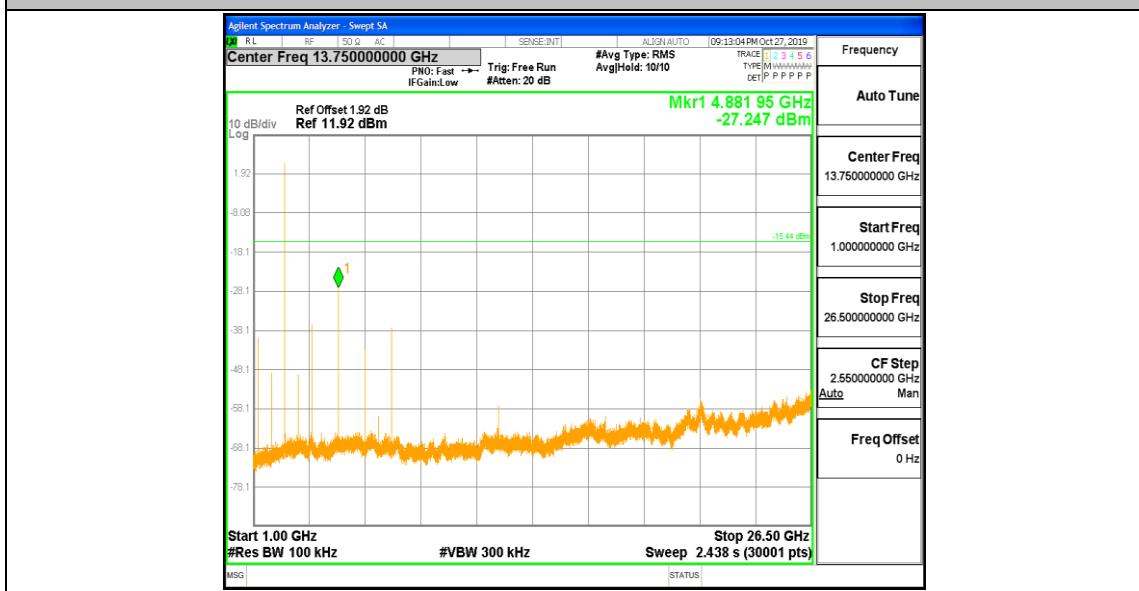




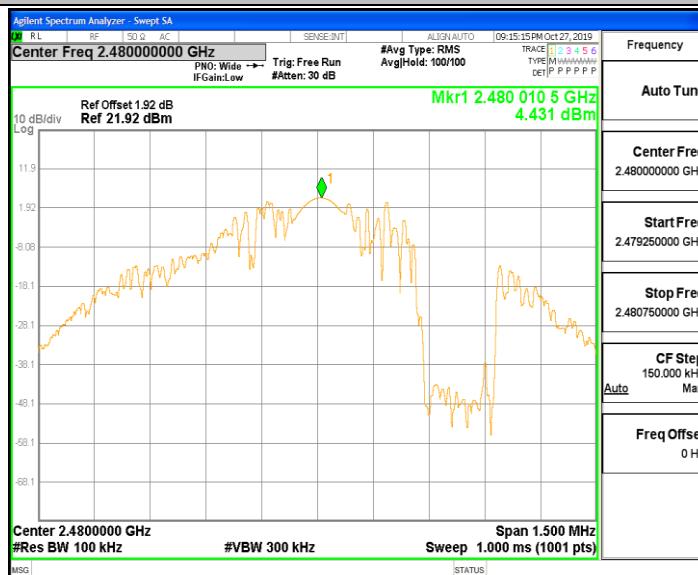
2DH1_Ant1_2441_30~1000



2DH1_Ant1_2441_1000~26500



2DH1_Ant1_2480_0~Reference



Frequency

Auto Tune

Center Freq
2.480000000 GHz

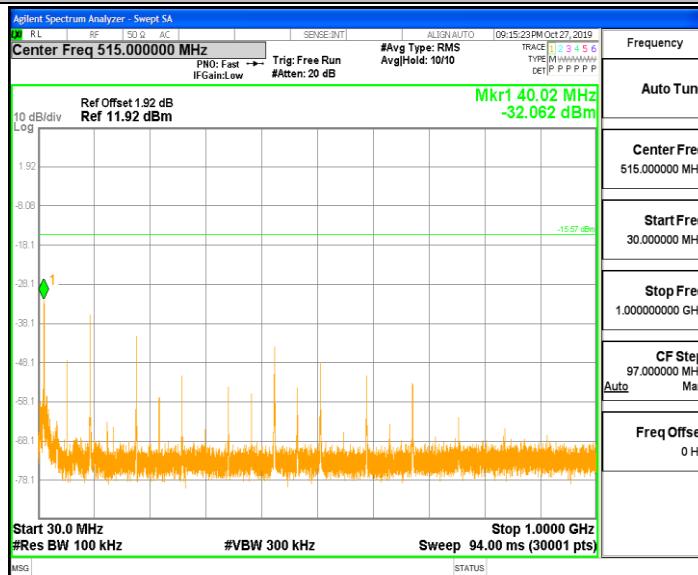
Start Freq
2.479250000 GHz

Stop Freq
2.480750000 GHz

CF Step
150.000 kHz Auto Man

Freq Offset
0 Hz

2DH1_Ant1_2480_30~1000



Frequency

Auto Tune

Center Freq
515.000000 MHz

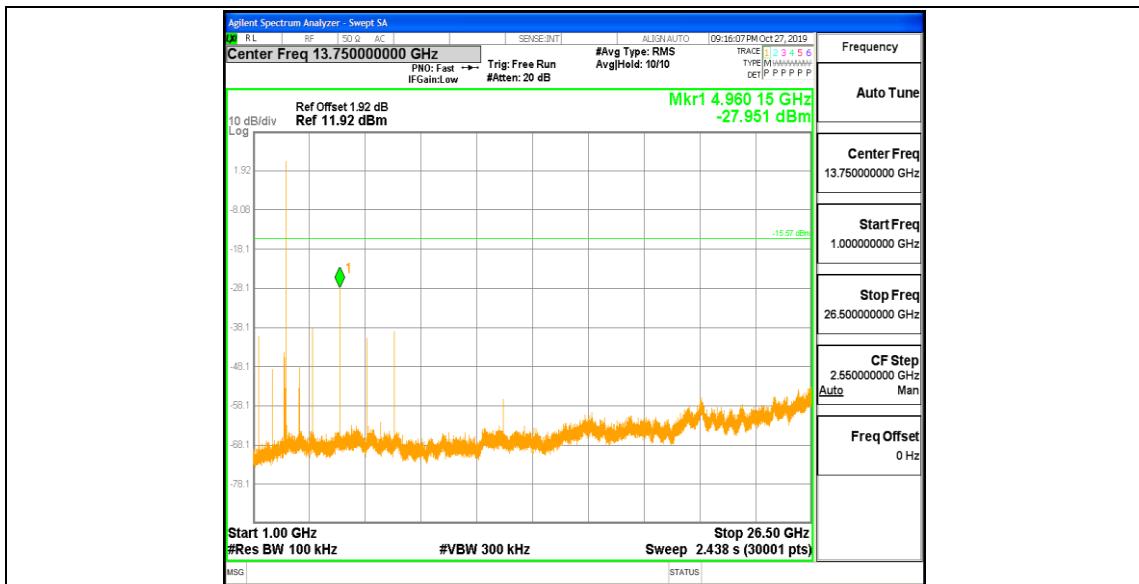
Start Freq
30.000000 MHz

Stop Freq
1.000000000 GHz

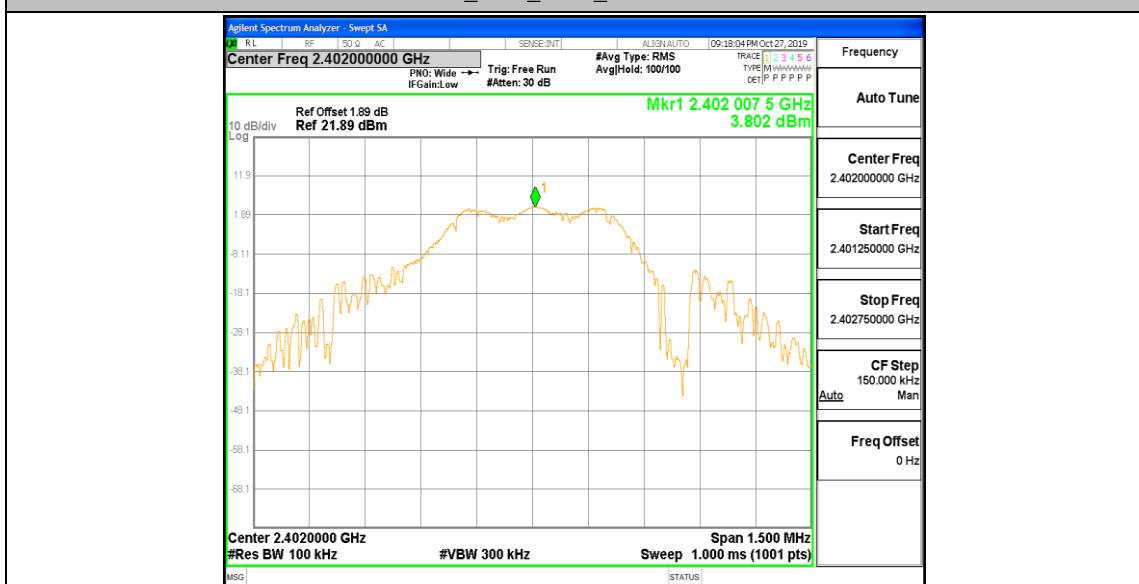
CF Step
97.000000 MHz Auto Man

Freq Offset
0 Hz

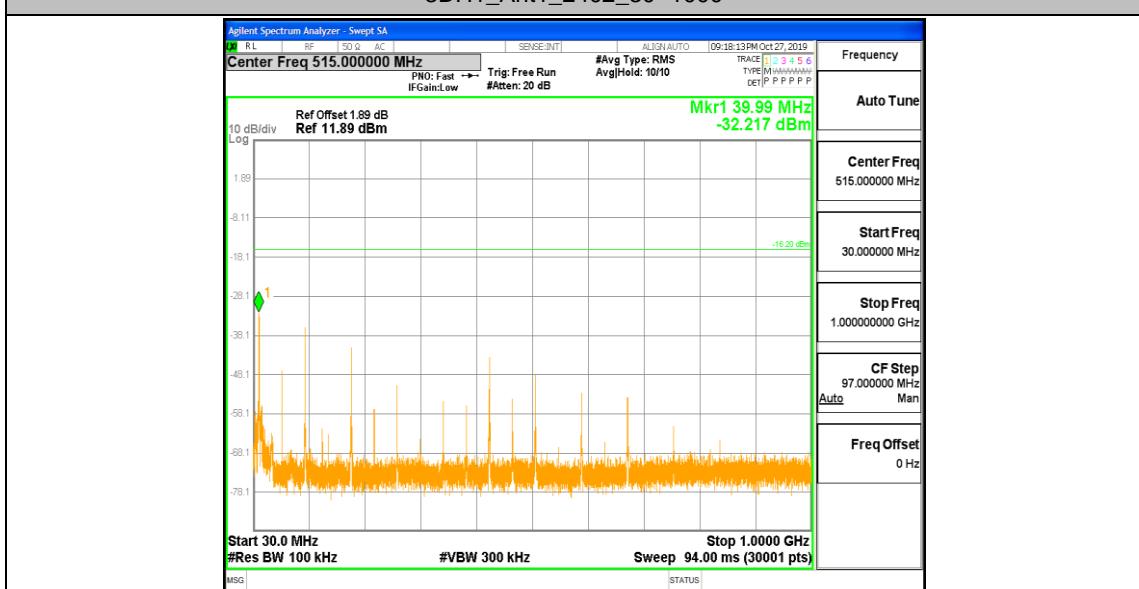
2DH1_Ant1_2480_1000~26500



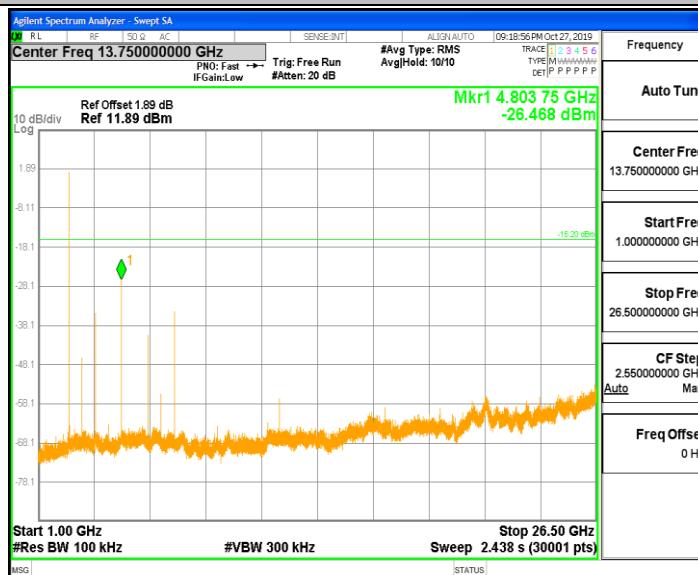
3DH1_Ant1_2402_0~Reference



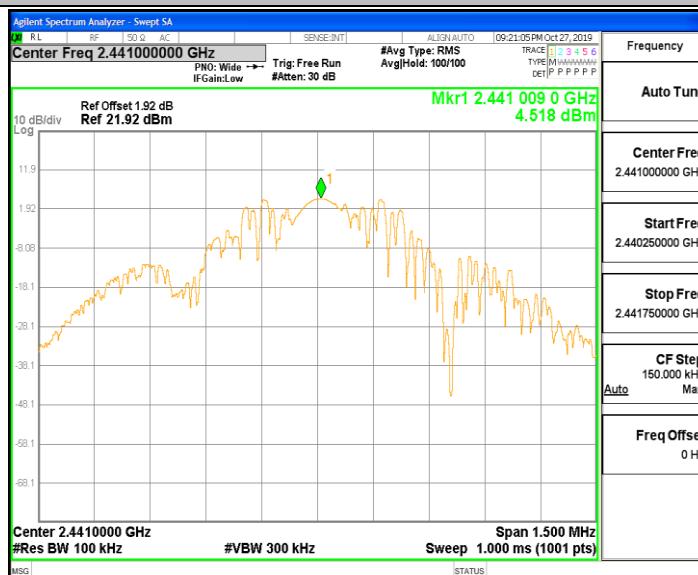
3DH1_Ant1_2402_30~1000



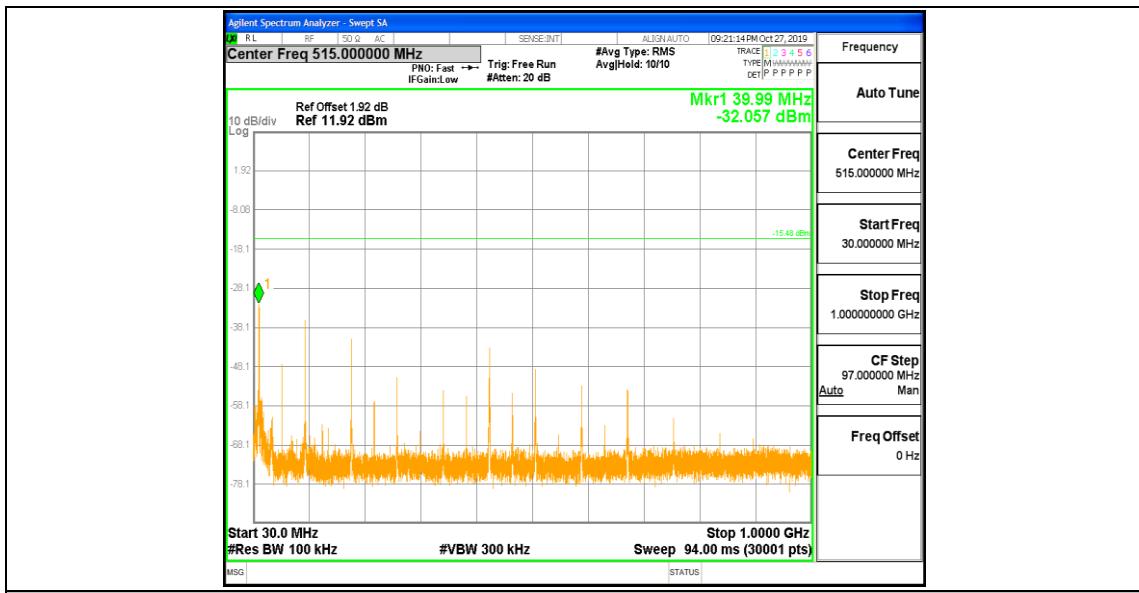
3DH1_Ant1_2402_1000~26500



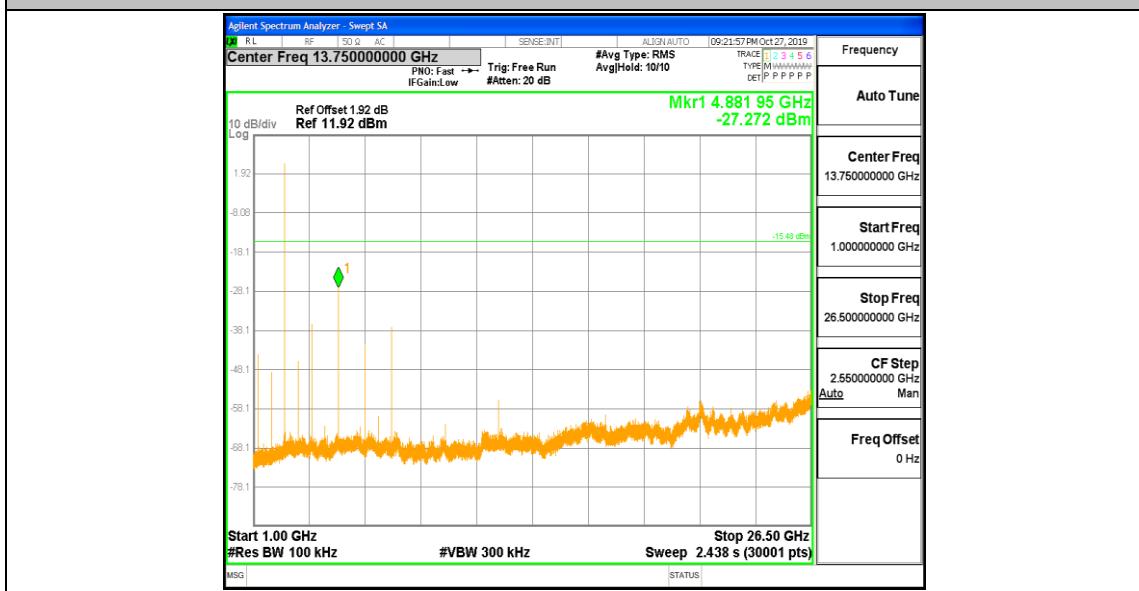
3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference

