

AppendixA: 20dBEmission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.095	2401.484	2402.579	---	PASS
		2441	1.098	2440.478	2441.576	---	PASS
		2480	1.095	2479.481	2480.576	---	PASS
2DH1	Ant1	2402	1.362	2401.340	2402.702	---	PASS
		2441	1.365	2440.340	2441.705	---	PASS
		2480	1.365	2479.340	2480.705	---	PASS
3DH1	Ant1	2402	1.332	2401.367	2402.699	---	PASS
		2441	1.338	2440.364	2441.702	---	PASS
		2480	1.329	2479.370	2480.699	---	PASS

Test Graphs

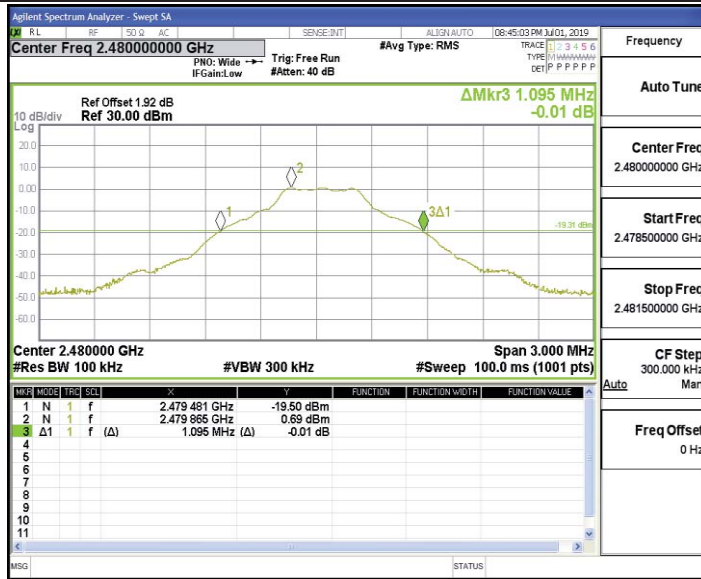
DH1_Ant1_2402



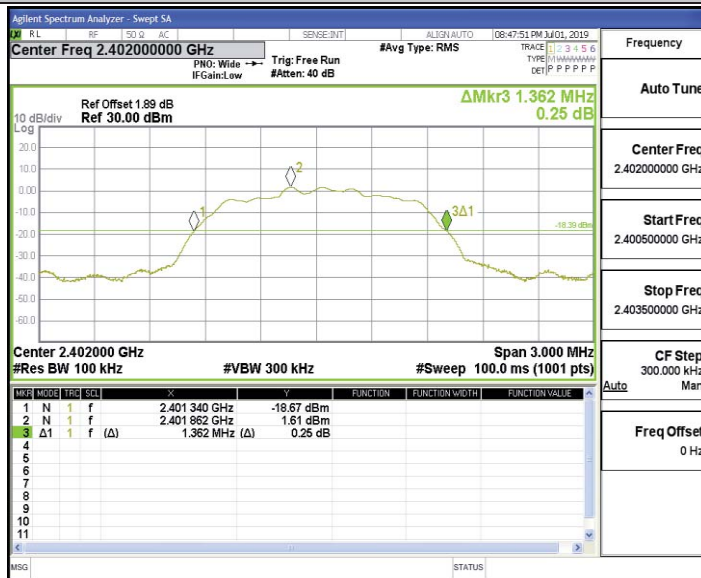
DH1_Ant1_2441



DH1_Ant1_2480



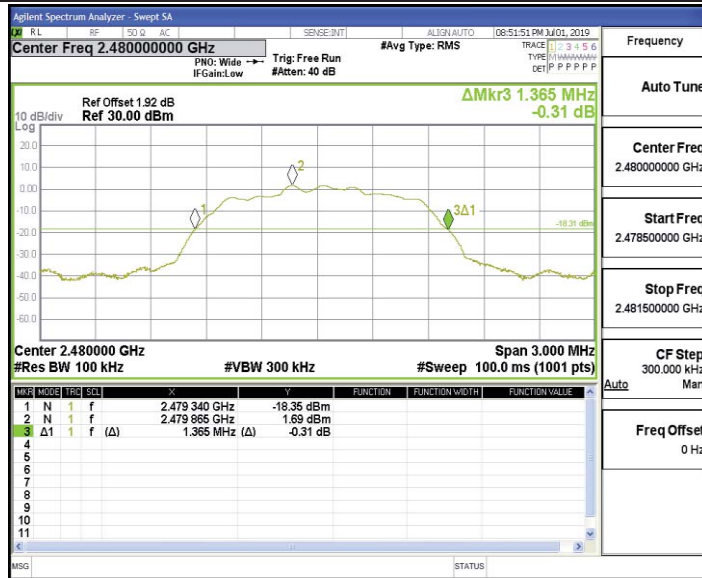
2DH1_Ant1_2402



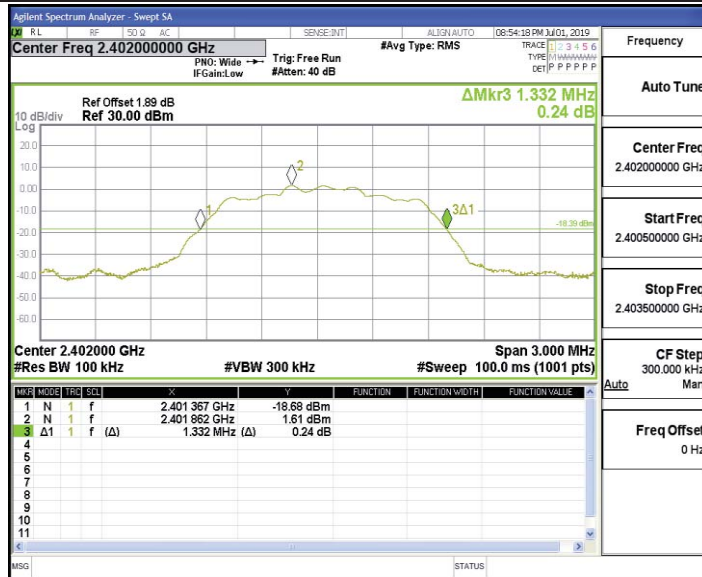
2DH1_Ant1_2441



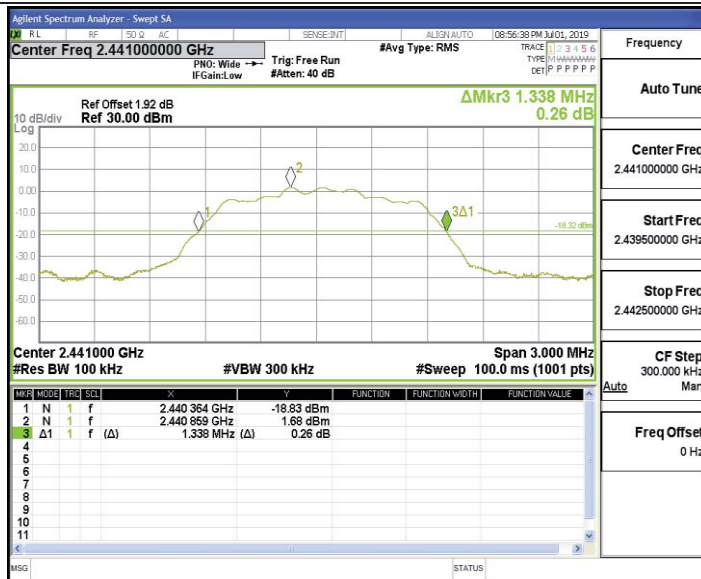
2DH1_Ant1_2480



3DH1_Ant1_2402

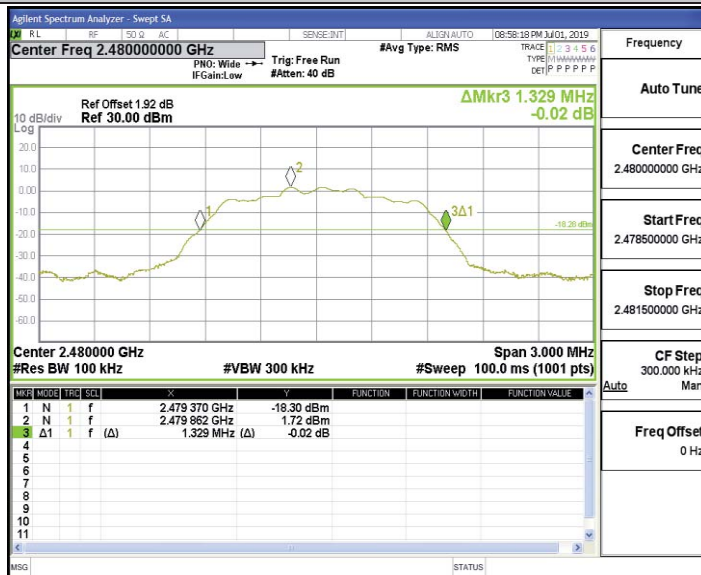


3DH1_Ant1_2441



Frequency
Auto Tune
Center Freq 2.441000000 GHz
Start Freq 2.439500000 GHz
Stop Freq 2.442500000 GHz
CF Step 300.000 kHz
Man
Freq Offset 0 Hz

3DH1_Ant1_2480



Frequency
Auto Tune
Center Freq 2.480000000 GHz
Start Freq 2.478500000 GHz
Stop Freq 2.481500000 GHz
CF Step 300.000 kHz
Man
Freq Offset 0 Hz

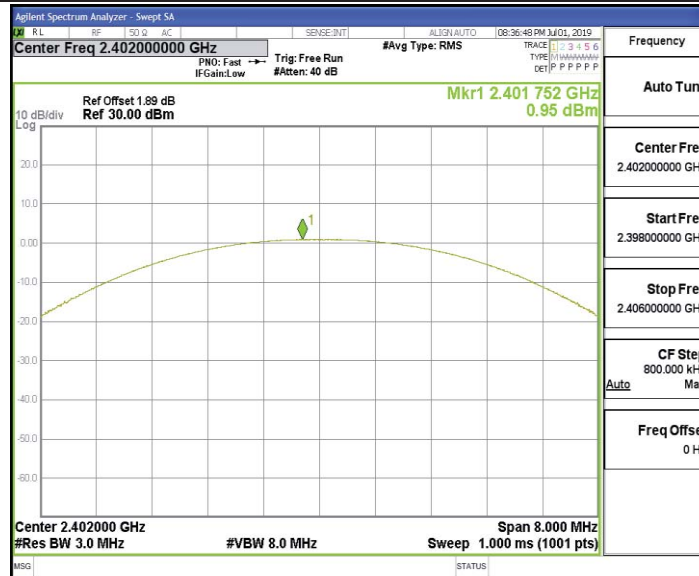
AppendixC: Maximum conducted output power

Test Result

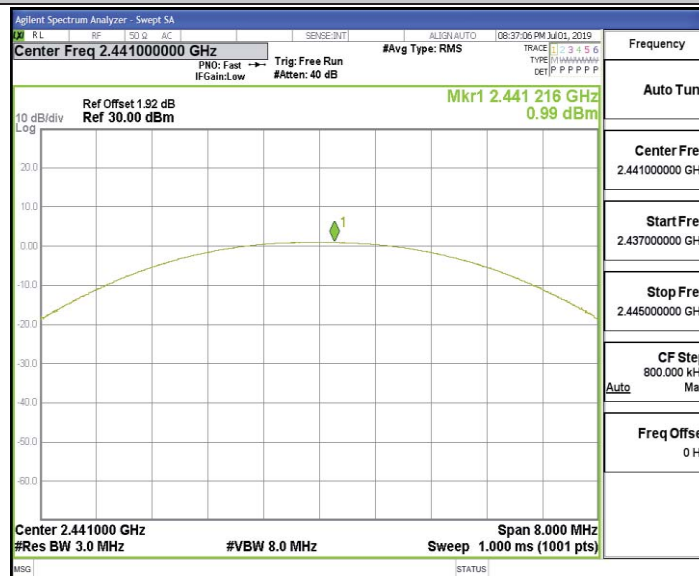
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	0.95	<=21	PASS
		2441	0.99	<=21	PASS
		2480	0.97	<=21	PASS
2DH1	Ant1	2402	3.12	<=21	PASS
		2441	3.16	<=21	PASS
		2480	3.20	<=21	PASS
3DH1	Ant1	2402	3.68	<=21	PASS
		2441	3.69	<=21	PASS
		2480	3.72	<=21	PASS

Test Graphs

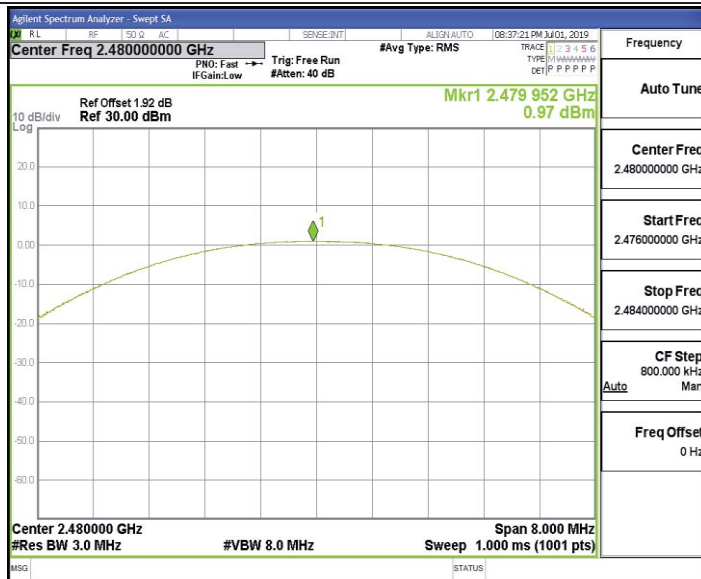
DH1_Ant1_2402



DH1_Ant1_2441



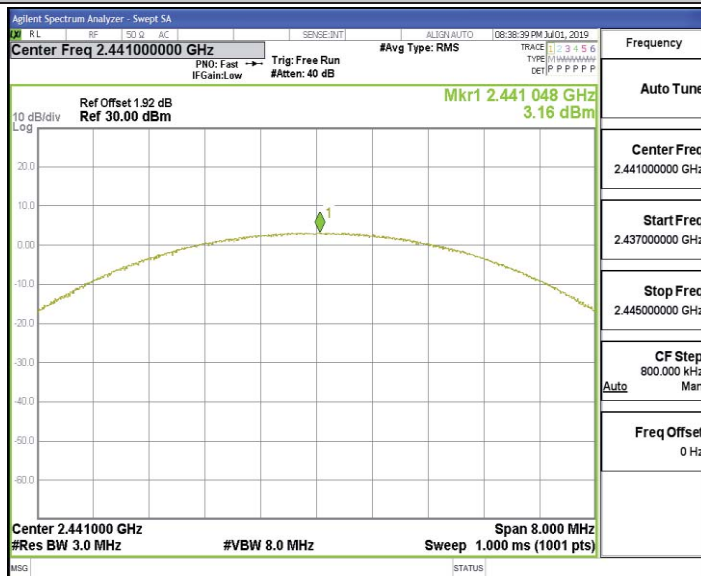
DH1_Ant1_2480



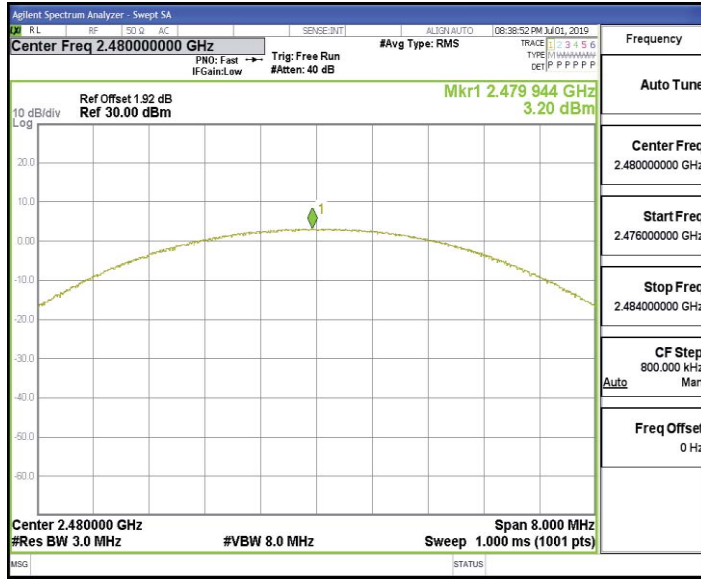
2DH1_Ant1_2402



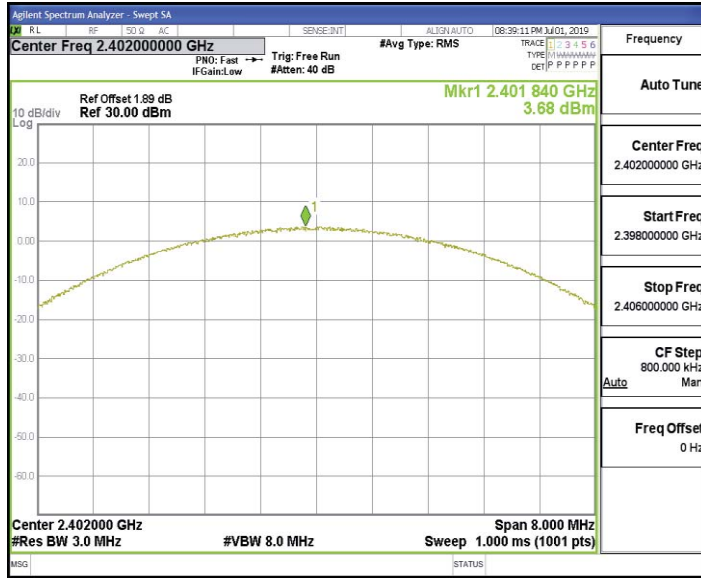
2DH1_Ant1_2441



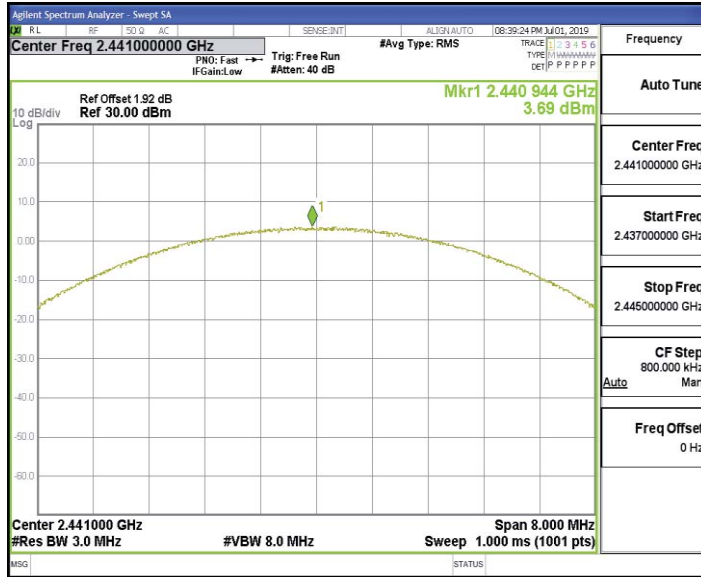
2DH1_Ant1_2480



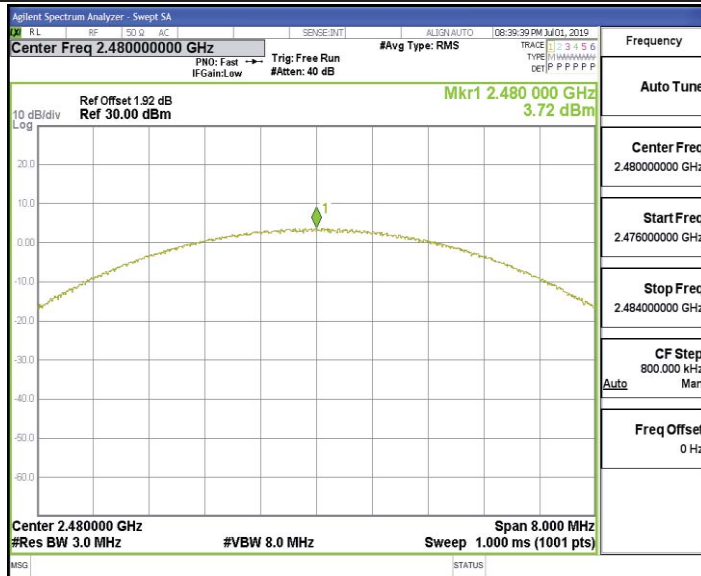
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



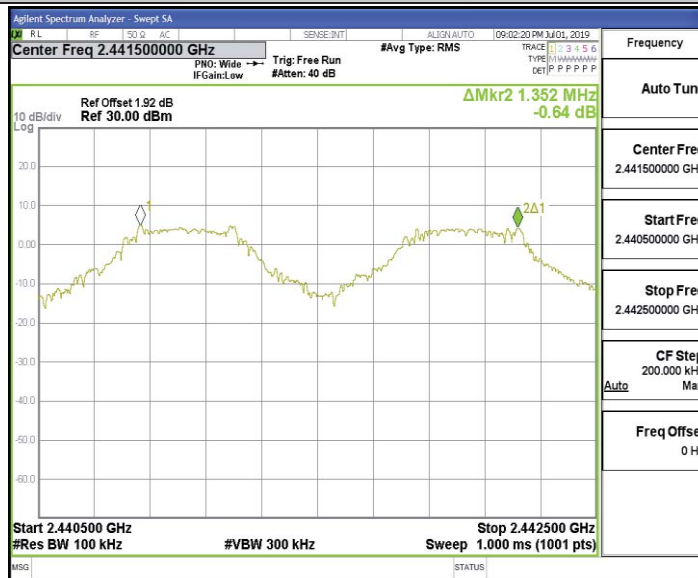
AppendixD: Carrier frequency separation

Test Result

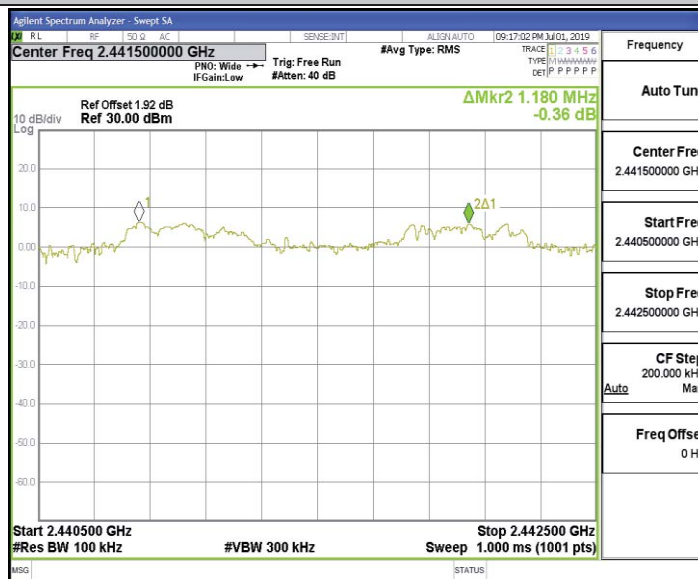
TestMode	Antenna	Channel	Result[MHz]	Limit[dBm]	Verdict
DH1	Ant1	Hop	1.352	=>1.098	PASS
2DH1	Ant1	Hop	1.18	=>0.910	PASS
3DH1	Ant1	Hop	1.006	=>0.892	PASS

Test Graphs

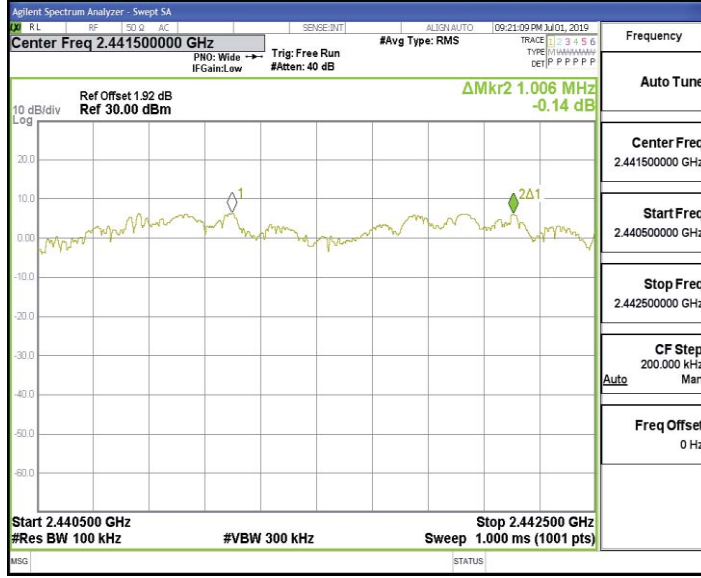
DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop

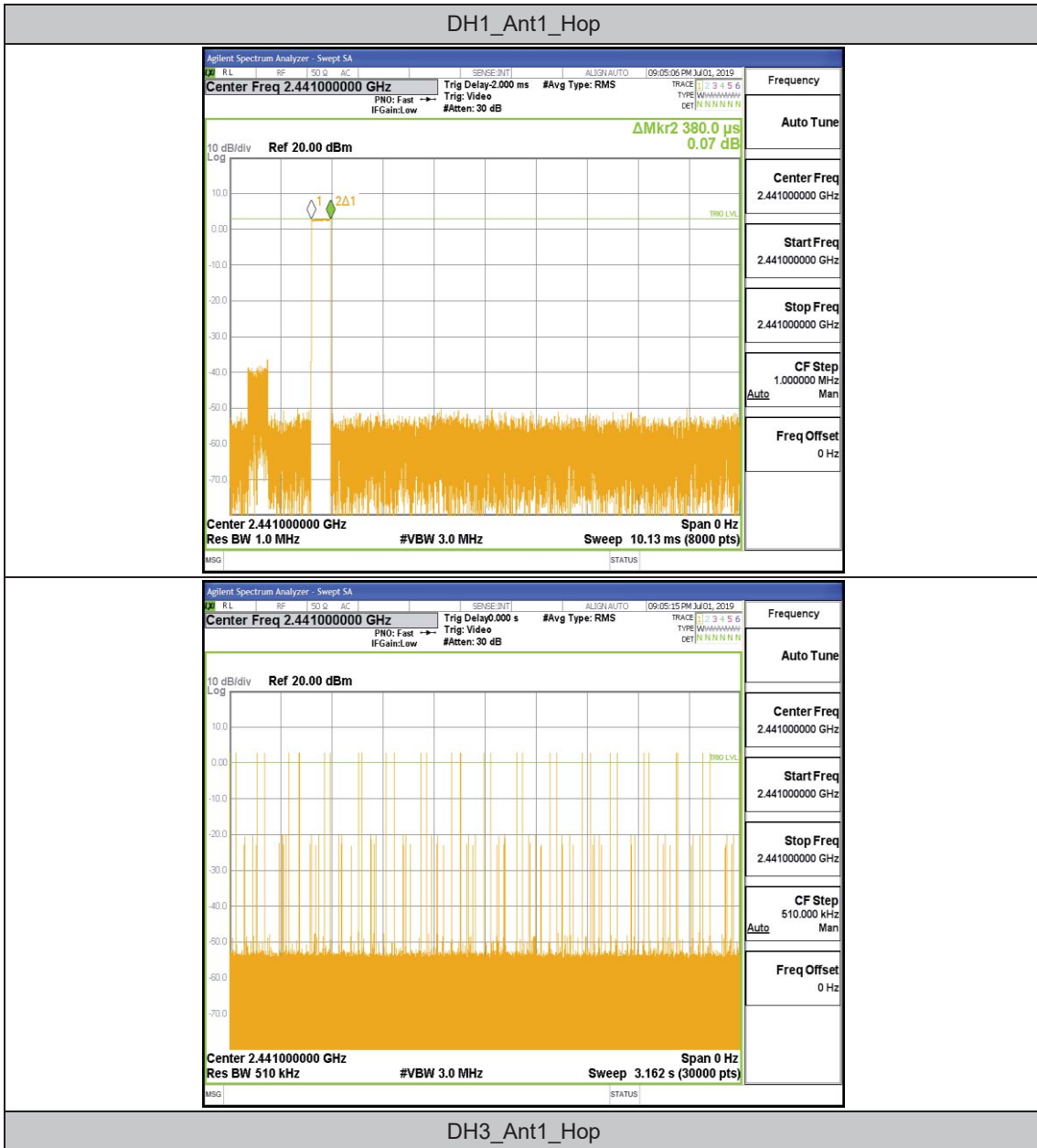


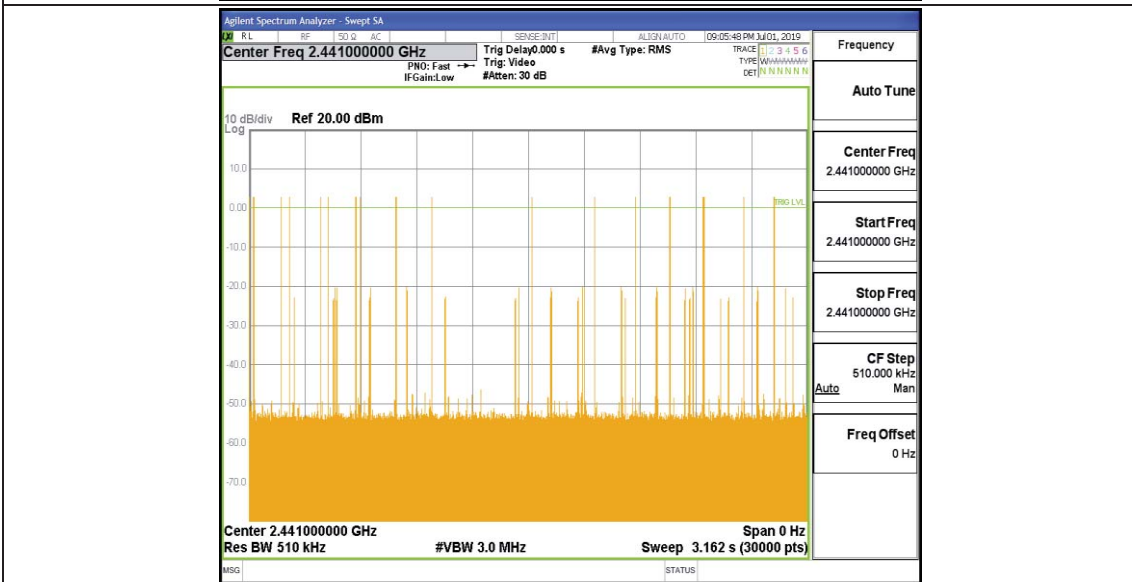
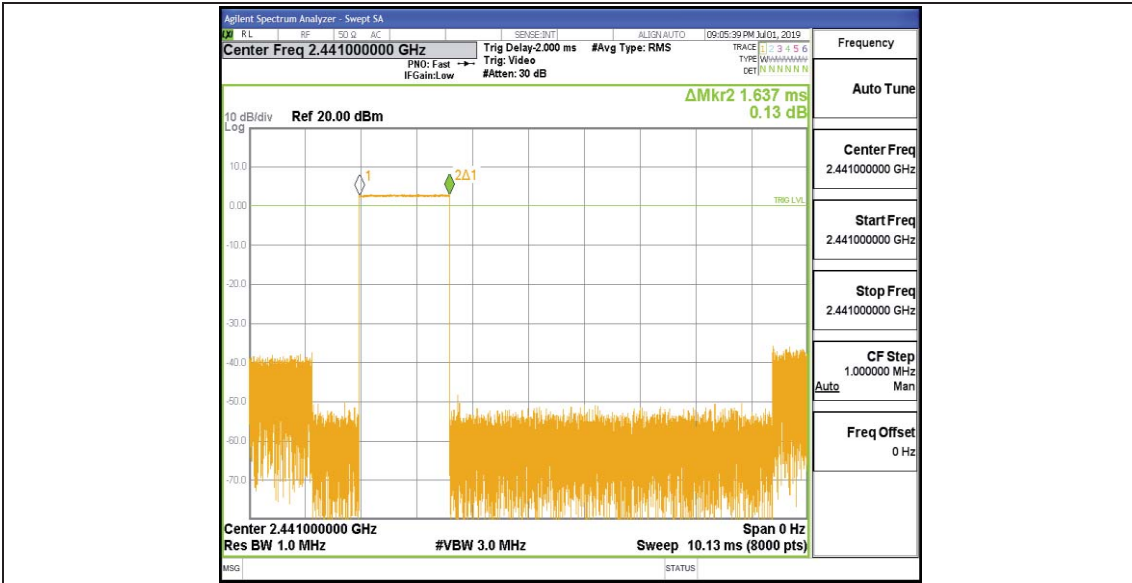
AppendixE: Time of occupancy

Test Result

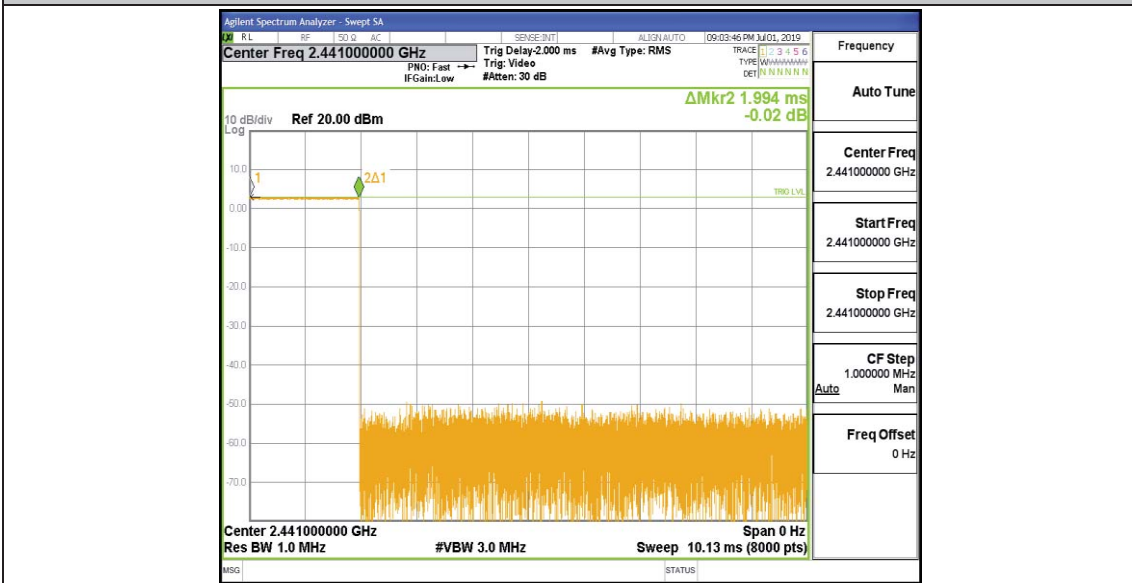
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.38	330	0.125	<=0.4	PASS
DH3	Ant1	Hop	1.64	180	0.295	<=0.4	PASS
DH5	Ant1	Hop	1.99	100	0.199	<=0.4	PASS

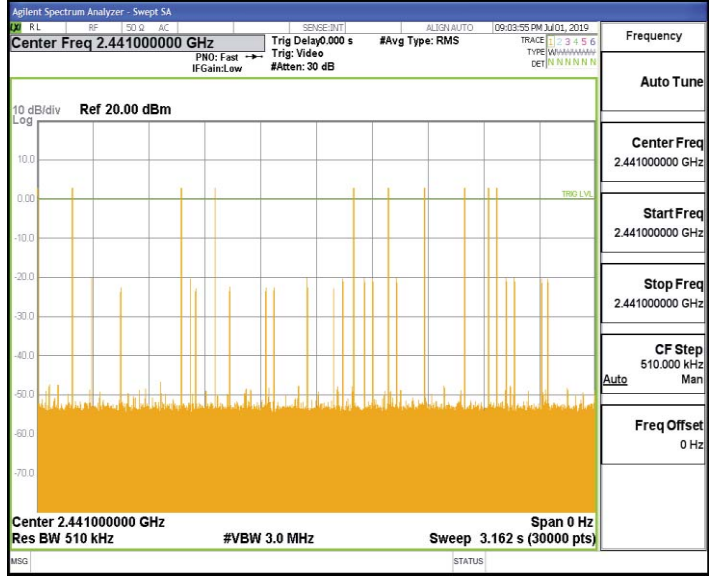
Test Graphs





DH5_Ant1_Hop





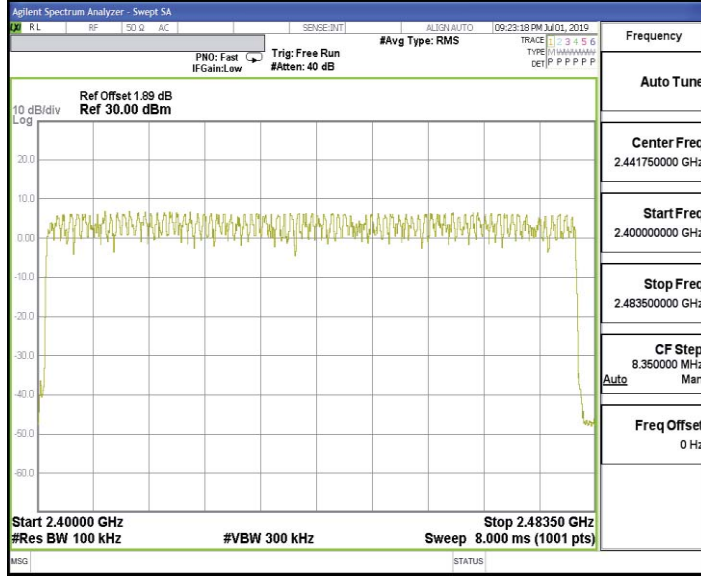
AppendixF: Number of hopping channels

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





AppendixG:Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	0.51	-53.21	<=-19.49	PASS
		High	2480	0.60	-55.55	<=-19.4	PASS
2DH1	Ant1	Low	2402	1.48	-52.45	<=-18.52	PASS
		High	2480	1.62	-55.08	<=-18.38	PASS
3DH1	Ant1	Low	2402	1.47	-53.12	<=-18.54	PASS
		High	2480	1.63	-55.39	<=-18.37	PASS

Note:non hopping mode and hopping mode all have been tested ,only worse case non hopping mode is reported

Test Graphs

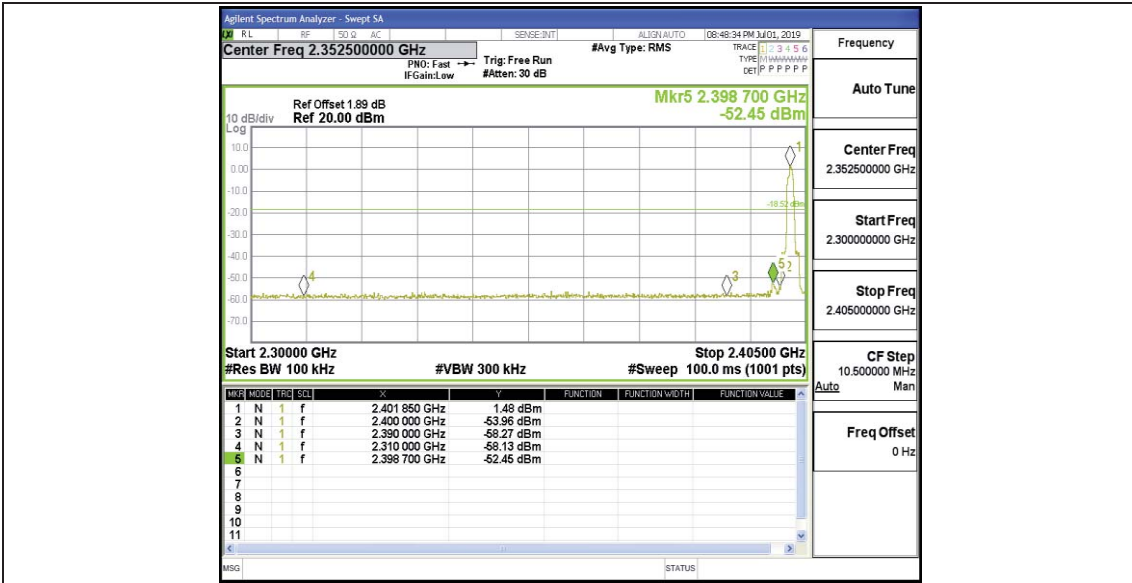
DH1_Ant1_Low_2402



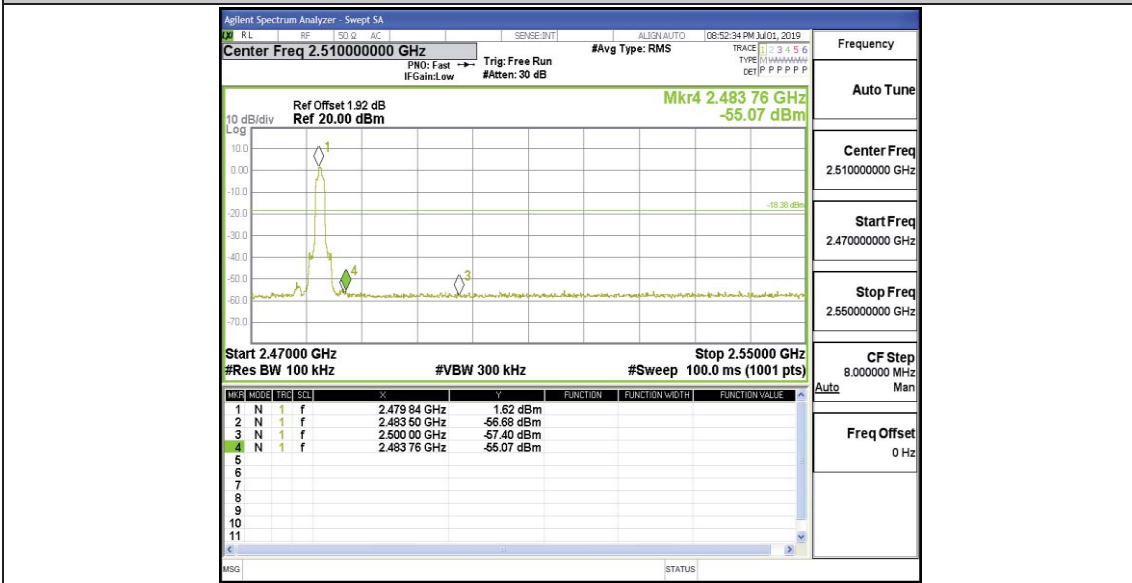
DH1_Ant1_High_2480



2DH1_Ant1_Low_2402



2D11_Ant1_High_2480



3D11_Ant1_Low_2402



3DH1_Ant1_High_2480



AppendixH:Conducted SpuriousEmission

Test Result

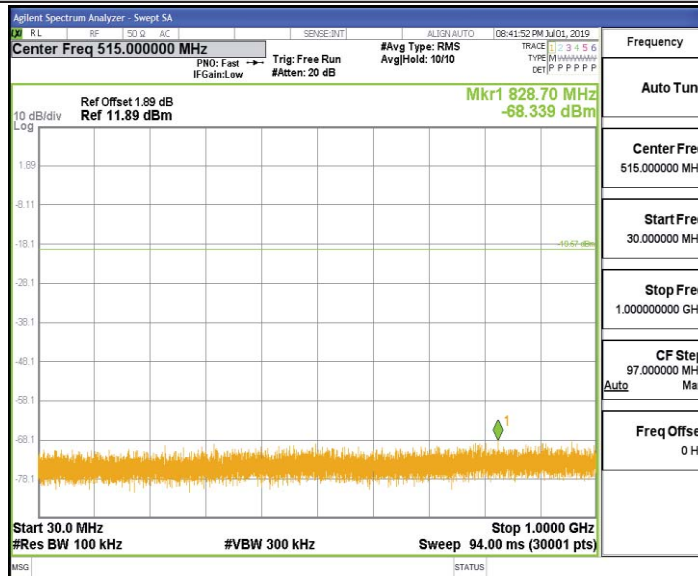
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	0.43	0.43	---	PASS
			30~1000	30~1000	-68.339	<=-19.571	PASS
			1000~26500	1000~26500	-48.156	<=-19.571	PASS
		2441	Reference	0.55	0.55	---	PASS
			30~1000	30~1000	-67.193	<=-19.449	PASS
			1000~26500	1000~26500	-47.106	<=-19.449	PASS
		2480	Reference	0.48	0.48	---	PASS
			30~1000	30~1000	-67.5	<=-19.523	PASS
			1000~26500	1000~26500	-53.432	<=-19.523	PASS
2DH1	Ant1	2402	Reference	1.43	1.43	---	PASS
			30~1000	30~1000	-67.428	<=-18.573	PASS
			1000~26500	1000~26500	-43.746	<=-18.573	PASS
		2441	Reference	1.53	1.53	---	PASS
			30~1000	30~1000	-67.631	<=-18.469	PASS
			1000~26500	1000~26500	-53.529	<=-18.469	PASS
		2480	Reference	1.53	1.53	---	PASS
			30~1000	30~1000	-67.226	<=-18.474	PASS
			1000~26500	1000~26500	-51.092	<=-18.474	PASS
3DH1	Ant1	2402	Reference	1.01	1.01	---	PASS
			30~1000	30~1000	-67.075	<=-18.987	PASS
			1000~26500	1000~26500	-43.463	<=-18.987	PASS
		2441	Reference	1.49	1.49	---	PASS
			30~1000	30~1000	-67.491	<=-18.509	PASS
			1000~26500	1000~26500	-52.01	<=-18.509	PASS
		2480	Reference	1.60	1.60	---	PASS
			30~1000	30~1000	-67.419	<=-18.397	PASS
			1000~26500	1000~26500	-47.871	<=-18.397	PASS

Test Graphs

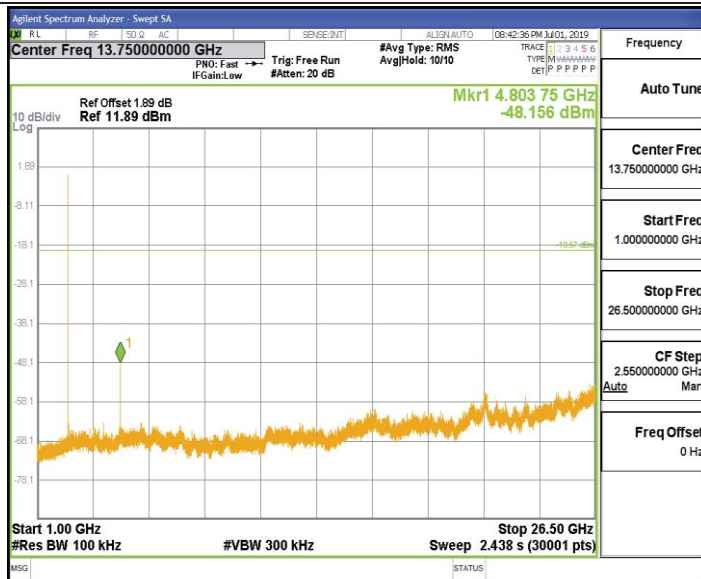
DH1_Ant1_2402_0~Reference



DH1_Ant1_2402_30~1000



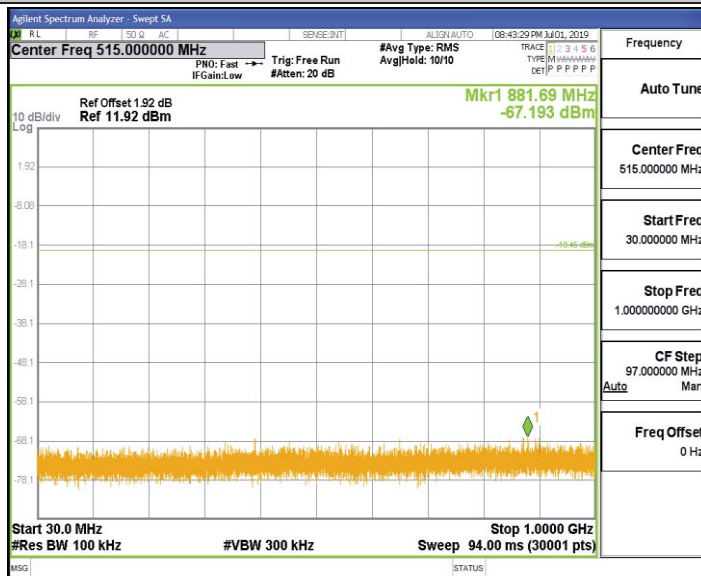
DH1_Ant1_2402_1000~26500



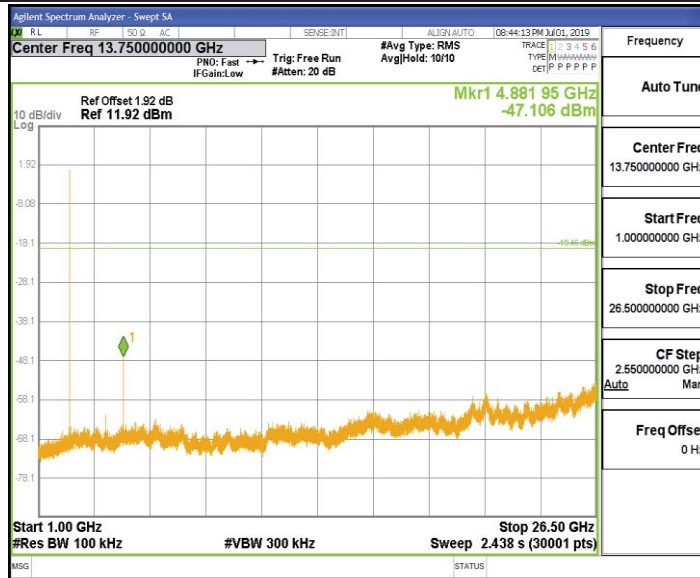
DH1_Ant1_2441_0~Reference



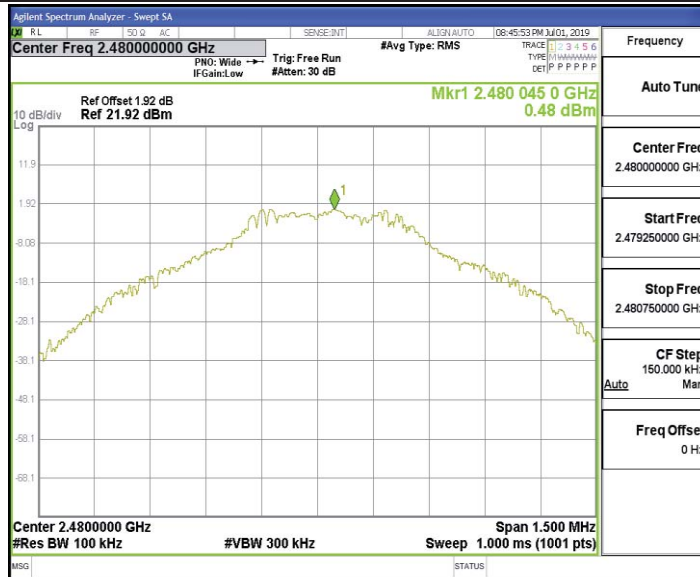
DH1_Ant1_2441_30~1000



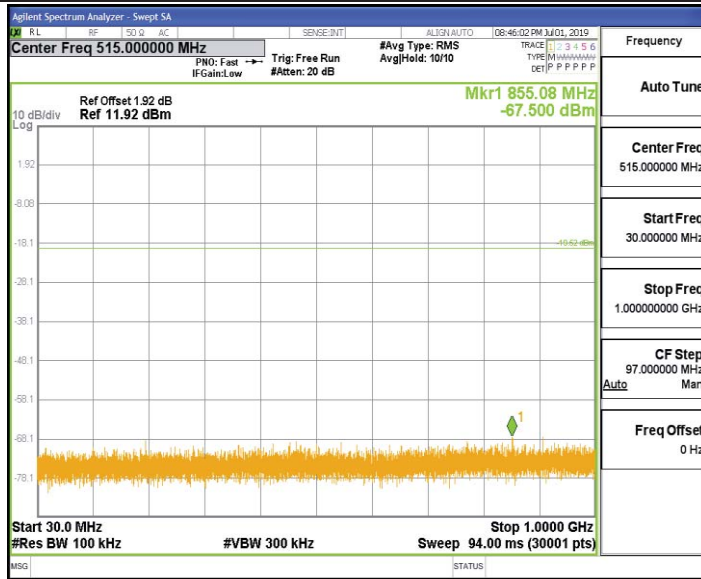
DH1_Ant1_2441_1000~26500



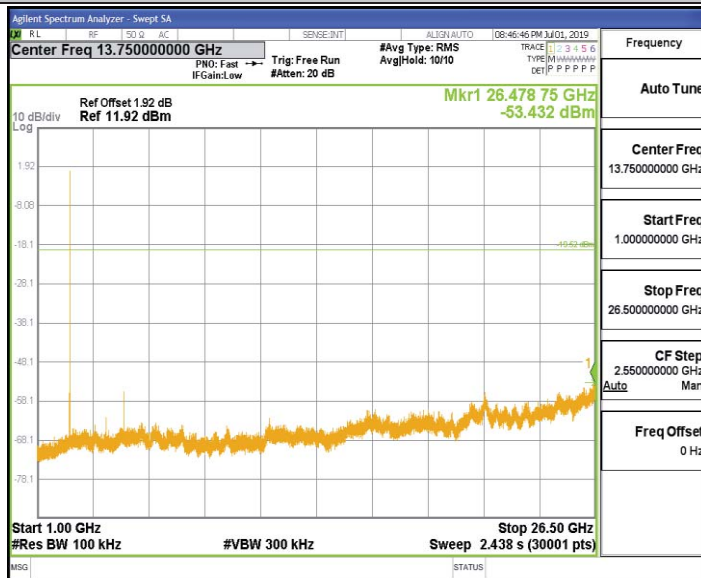
DH1_Ant1_2480_0~Reference



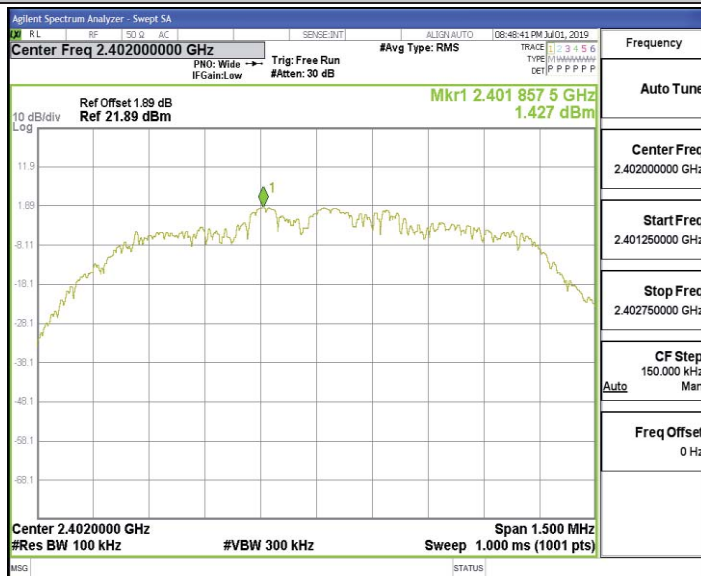
DH1_Ant1_2480_30~1000



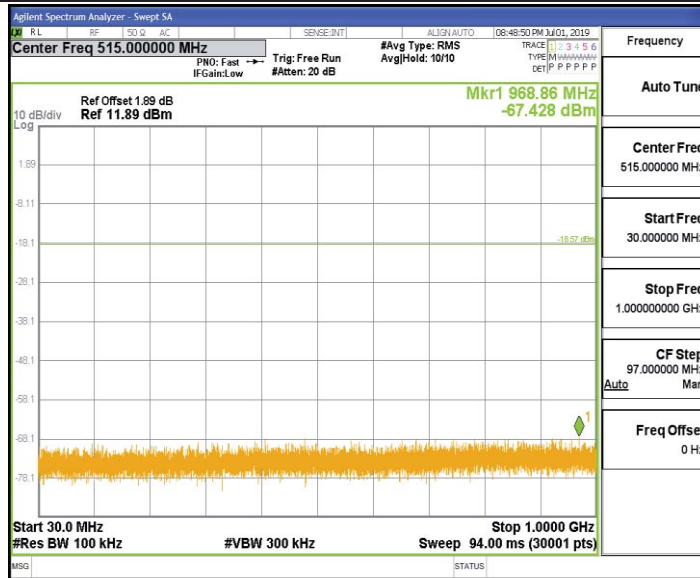
DH1_Ant1_2480_1000~26500



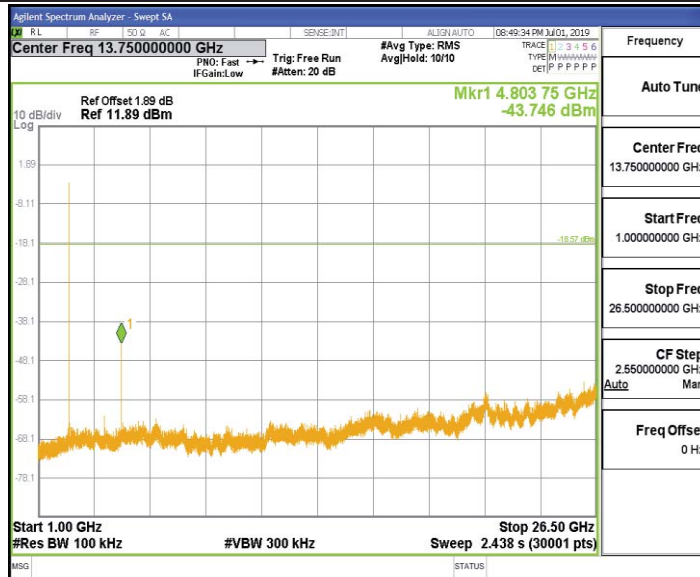
2DH1_Ant1_2402_0~Reference



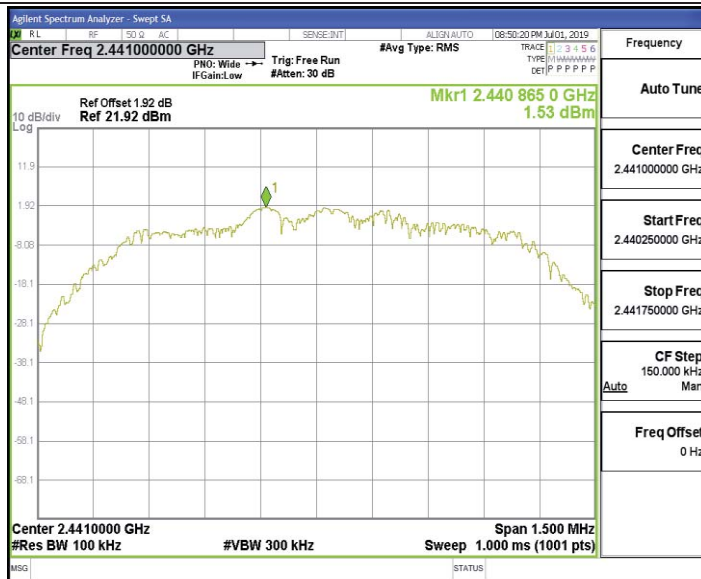
2DH1_Ant1_2402_30~1000



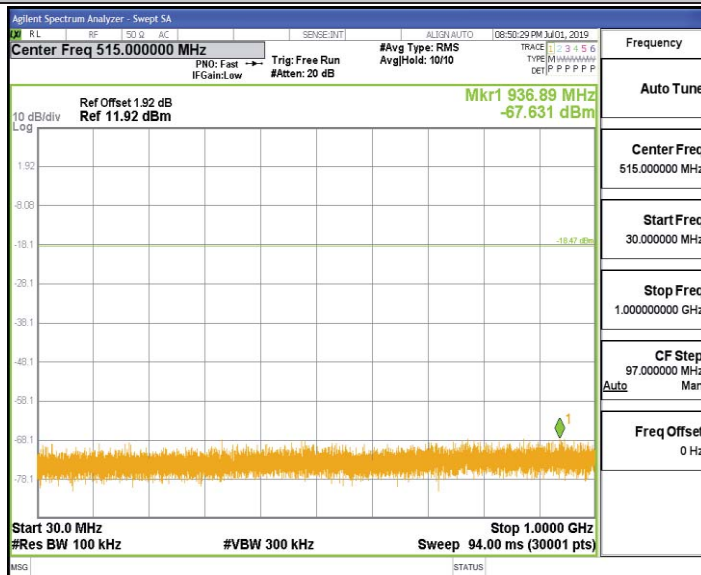
2DH1_Ant1_2402_1000~26500



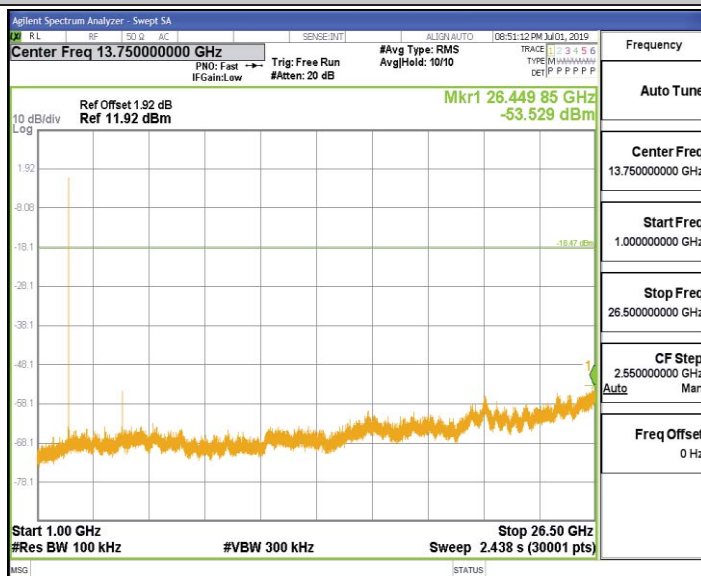
2DH1_Ant1_2441_0~Reference



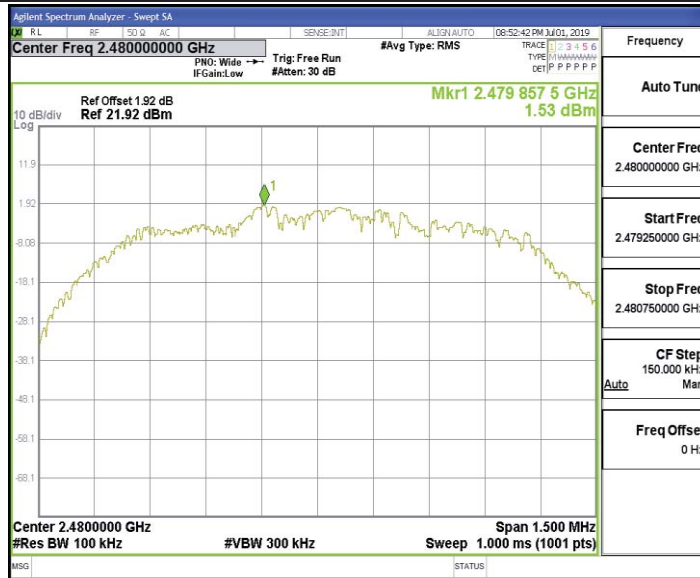
2DH1_Ant1_2441_30~100



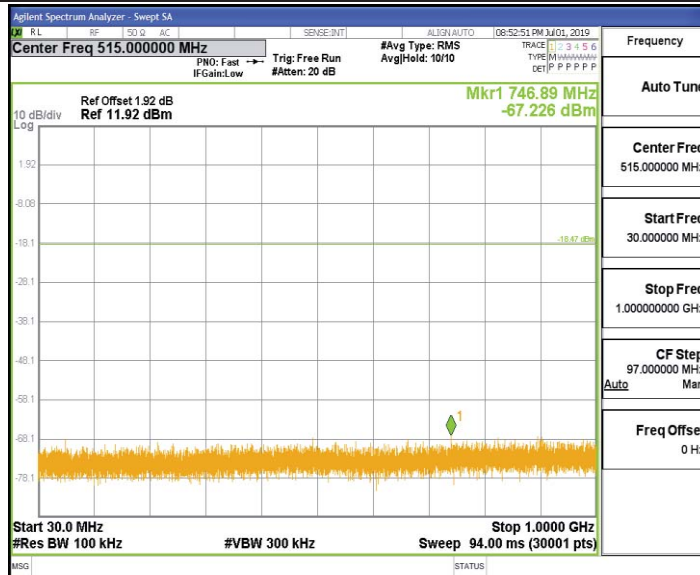
2DH1_Ant1_2441_1000~26500



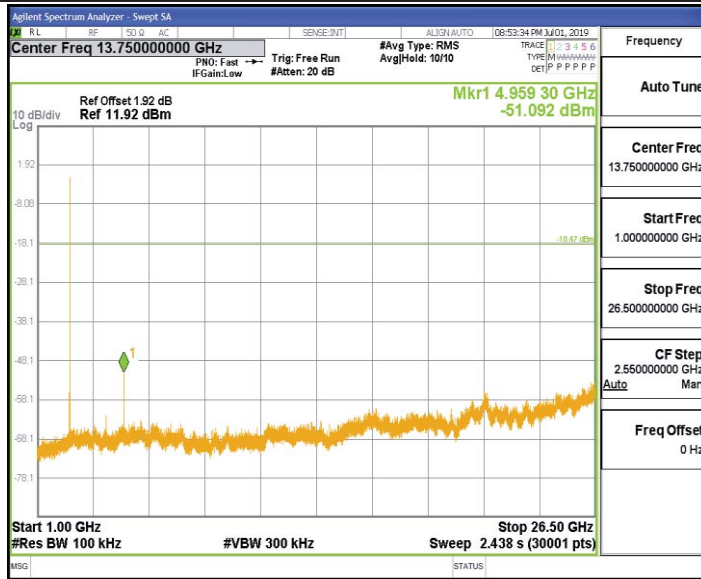
2DH1_Ant1_2480_0~Reference



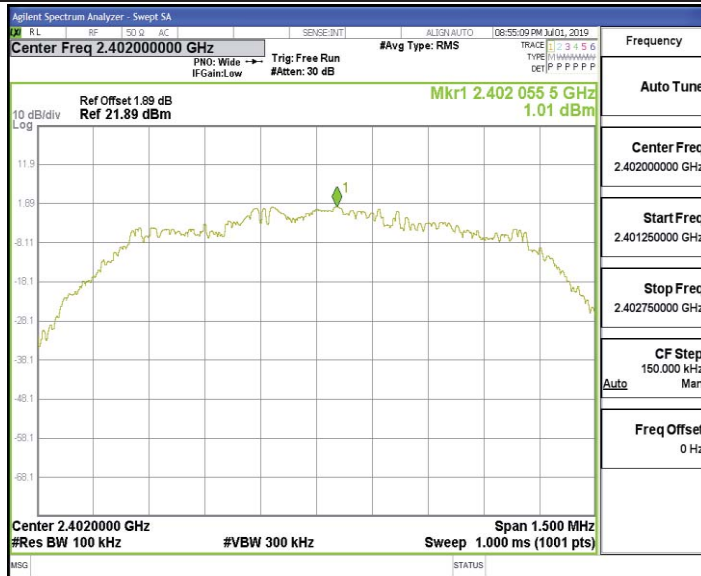
2DH1_Ant1_2480_30~1000



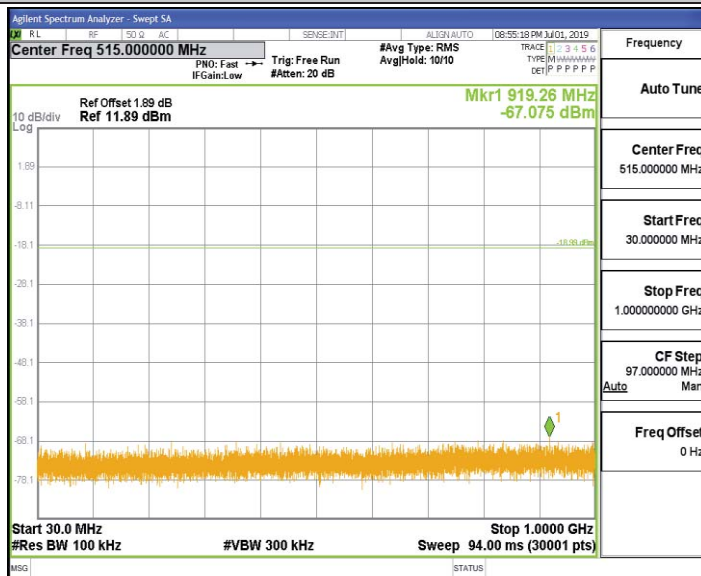
2DH1_Ant1_2480_1000~26500



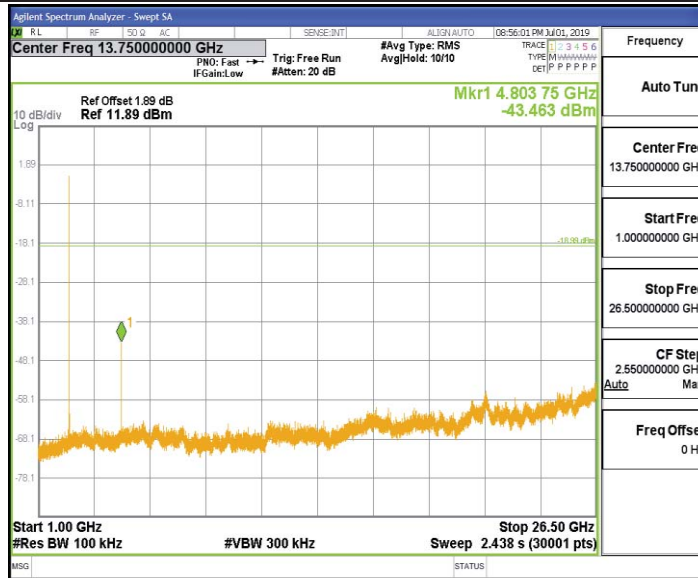
3DH1_Ant1_2402_0~Reference



3DH1_Ant1_2402_30~1000



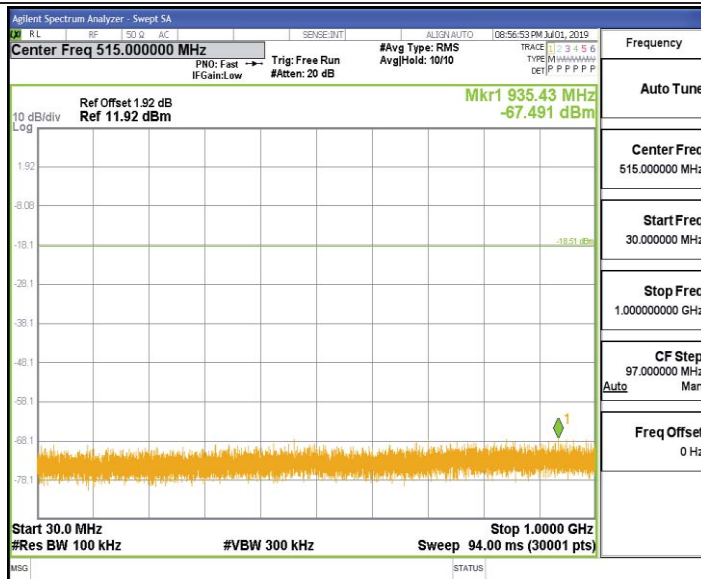
3DH1_Ant1_2402_1000~26500



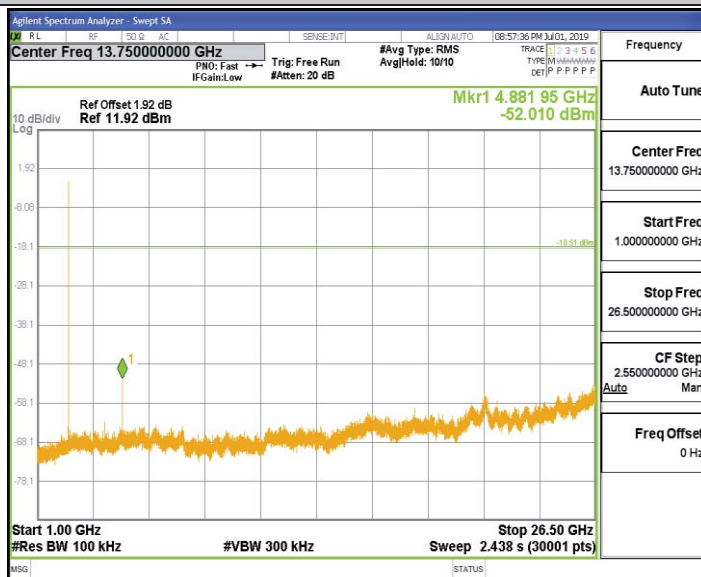
3DH1_Ant1_2441_0~Reference



3DH1_Ant1_2441_30~1000



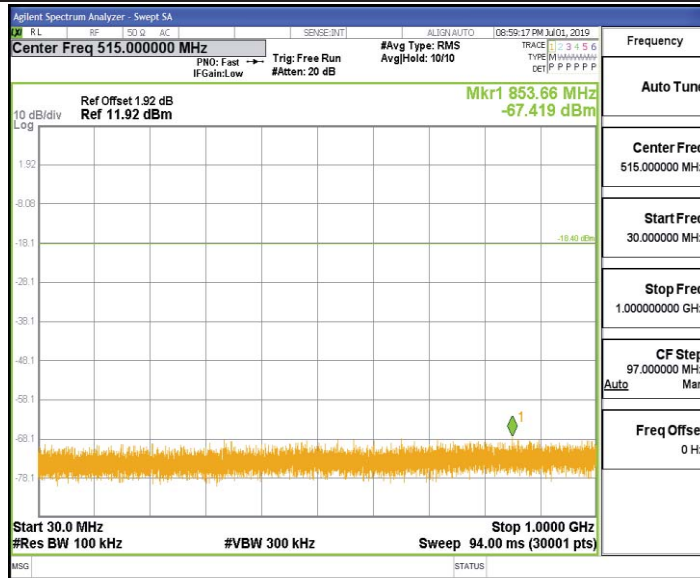
3DH1_Ant1_2441_1000~26500



3DH1_Ant1_2480_0~Reference



3DH1_Ant1_2480_30~1000



3DH1_Ant1_2480_1000~26500

