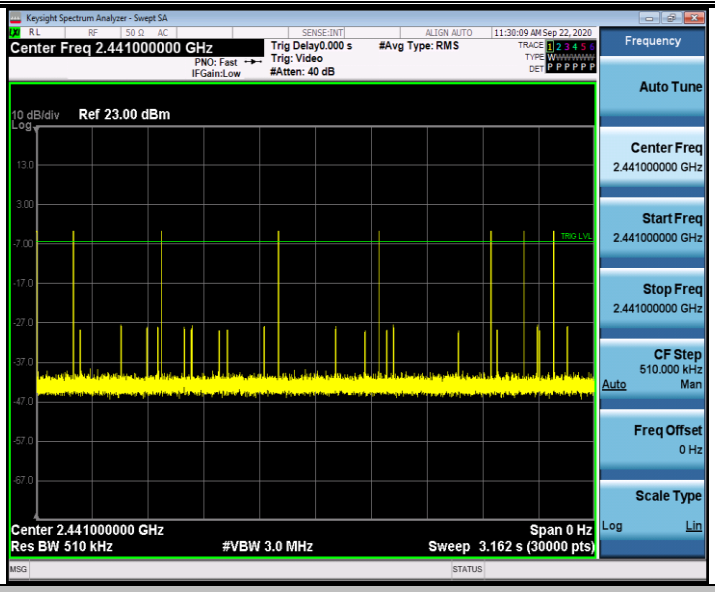
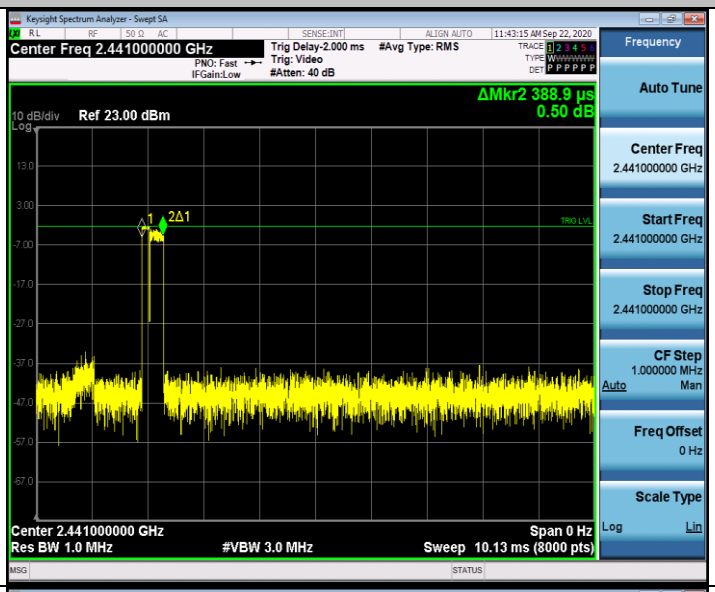
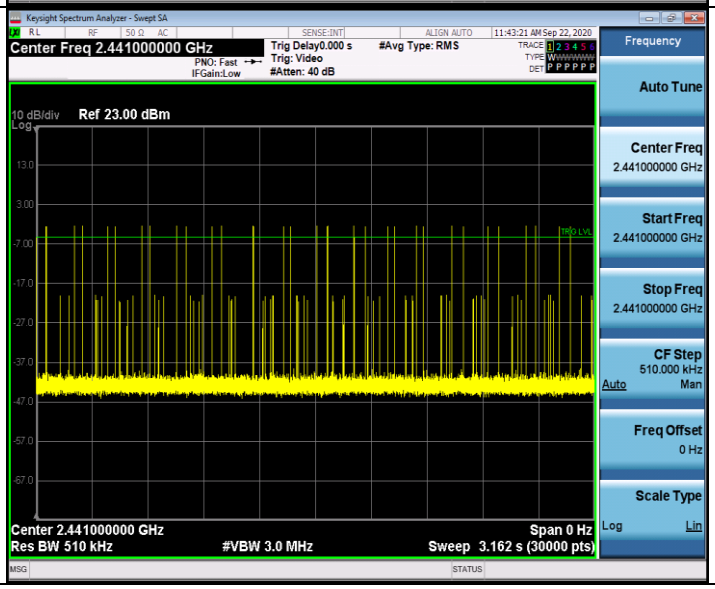
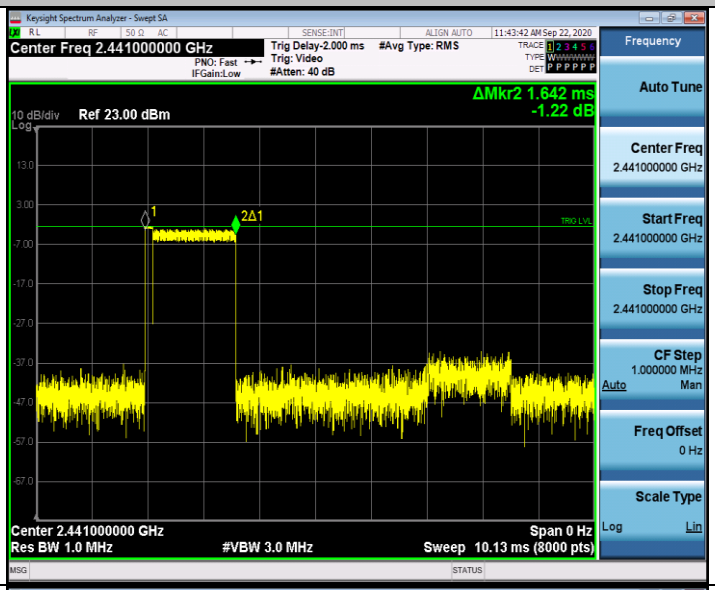


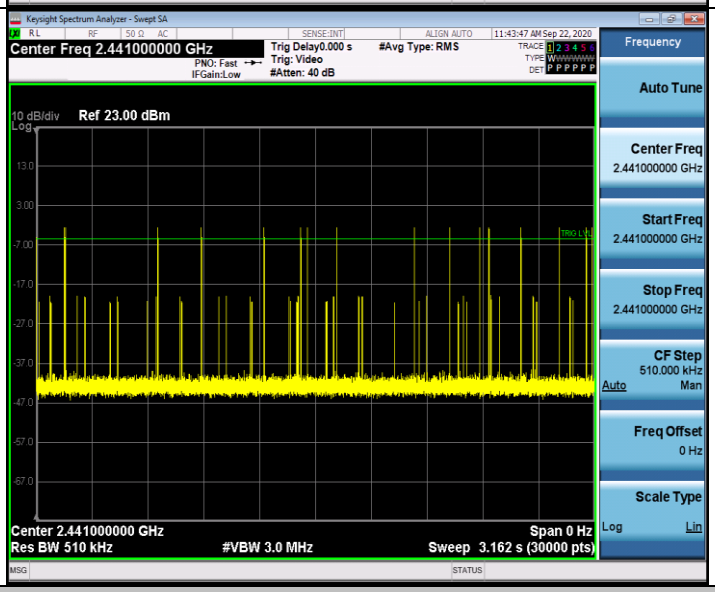
2DH1_Ant1_Hop_2441



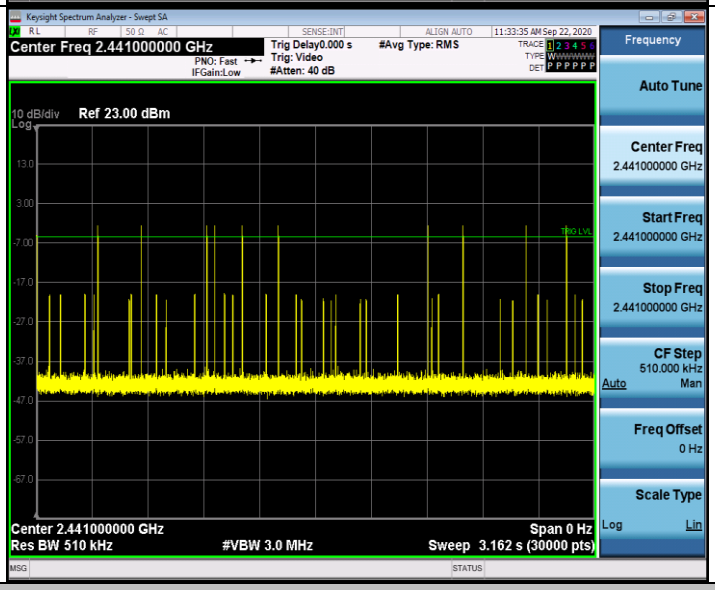


2DH3_Ant1_Hop_2441

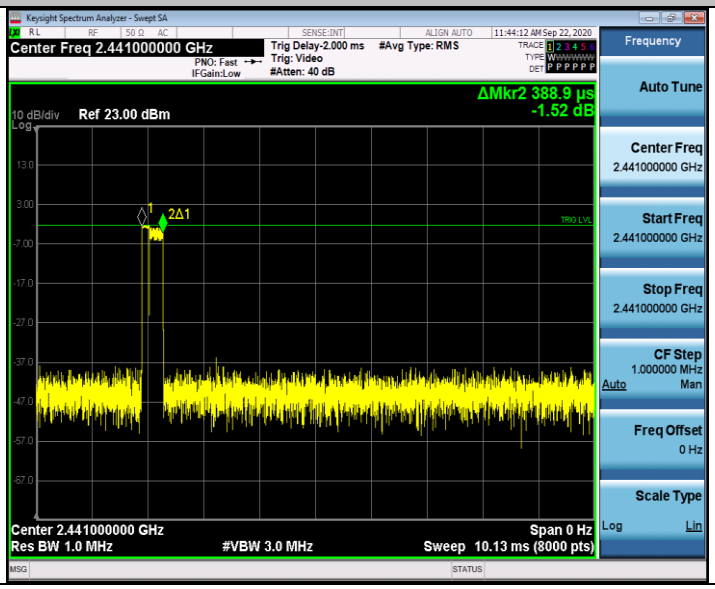


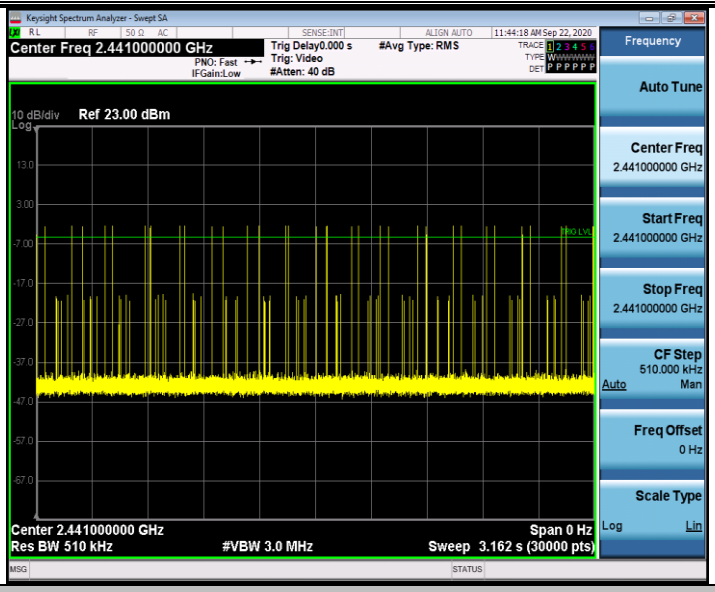


2DH5_Ant1_Hop_2441

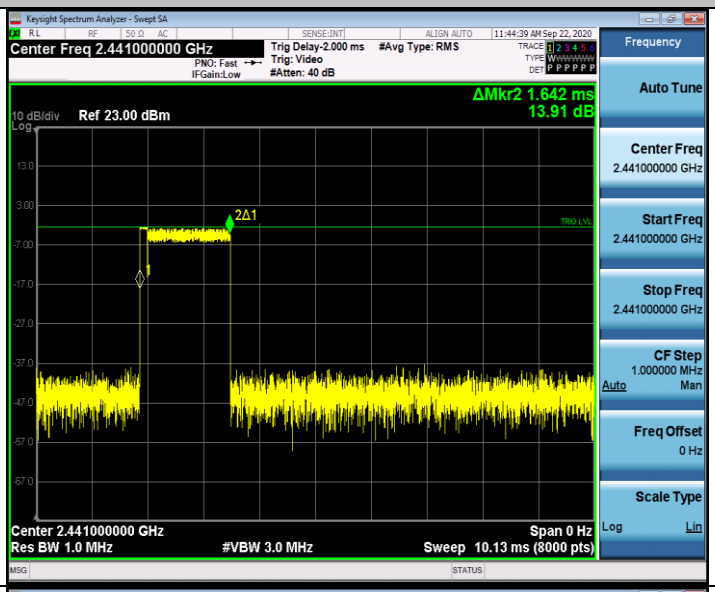


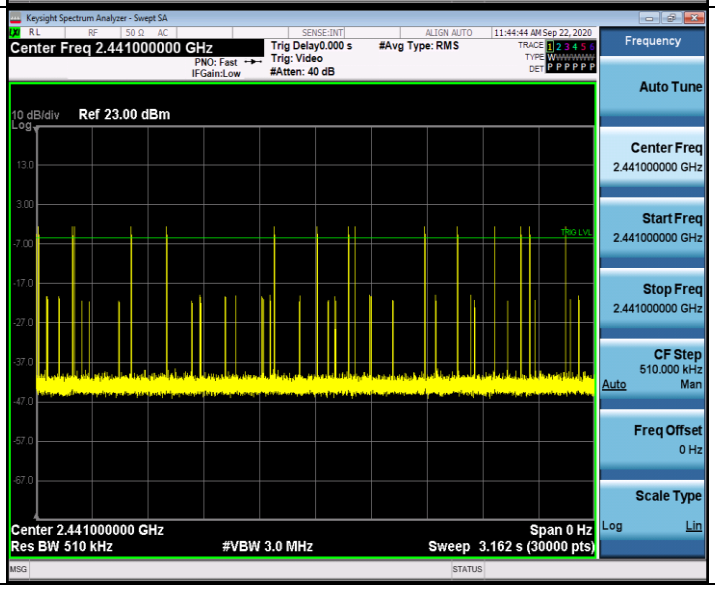
3DH1_Ant1_Hop_2441

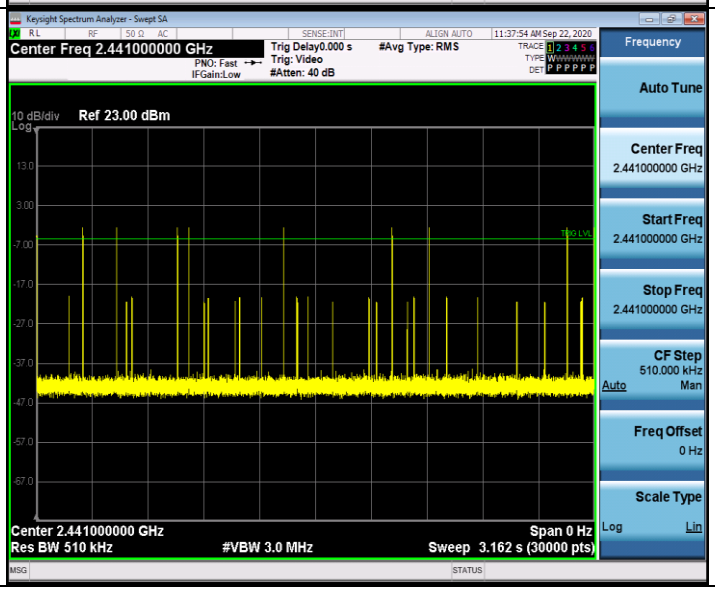




3DH3_Ant1_Hop_2441





3DH5_Ant1_Hop_2441		
		
		

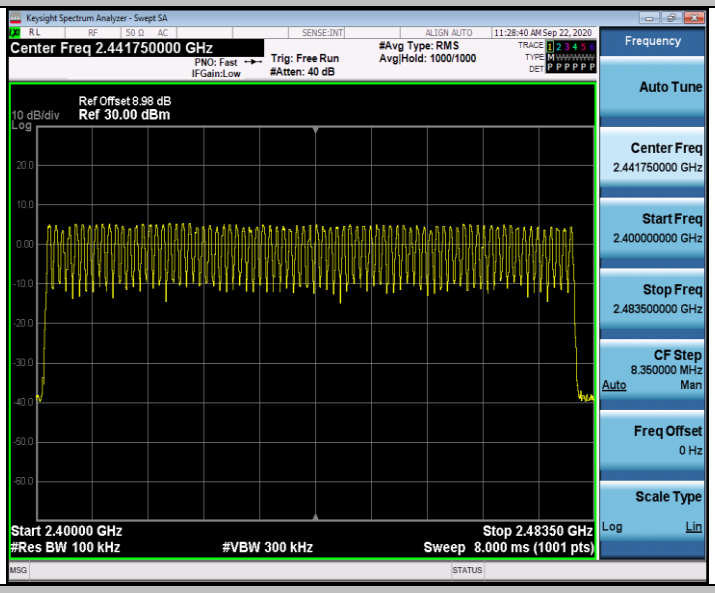
Appendix F: Number of hopping channels

Test Result

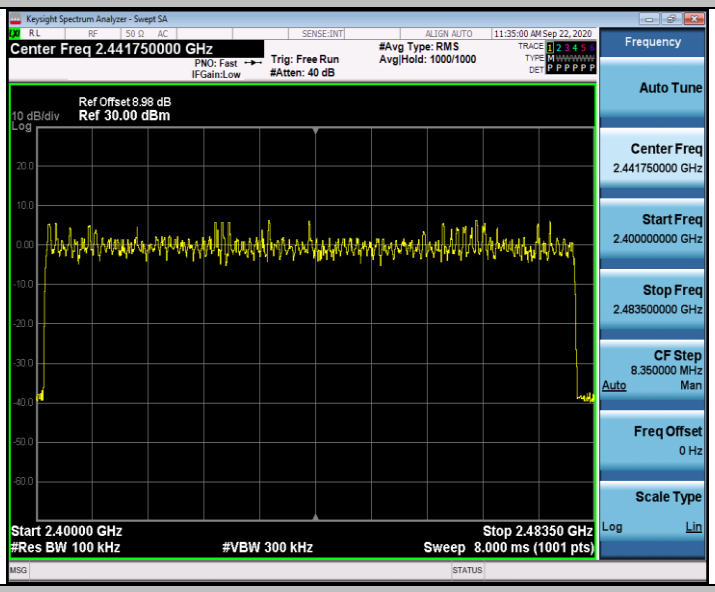
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	>=15	PASS
2DH5	Ant1	Hop	79	>=15	PASS
3DH5	Ant1	Hop	79	>=15	PASS

Test Graphs

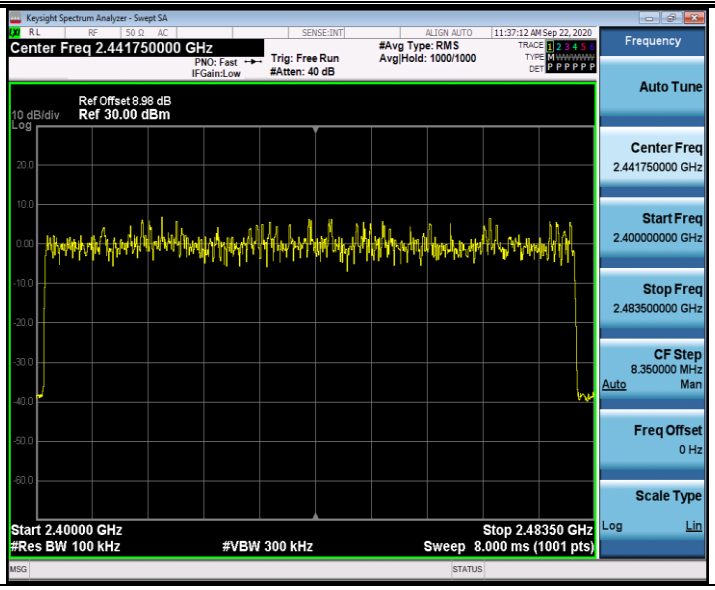
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop


Keysight Spectrum Analyzer - Swept SA
Center Freq 2.441750000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
#Avg Type: RMS
Avg|Hold: 1000/1000
11:37:12 AM Sep 22, 2020
Ref Offset 8.98 dB
10 dB/div
Ref 30.00 dBm
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start 2.40000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.48350 GHz
Sweep 8.000 ms (1001 pts)
Frequency
Auto Tune
Center Freq
2.441750000 GHz
Start Freq
2.400000000 GHz
Stop Freq
2.483500000 GHz
CF Step
8.350000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
MSG
STATUS

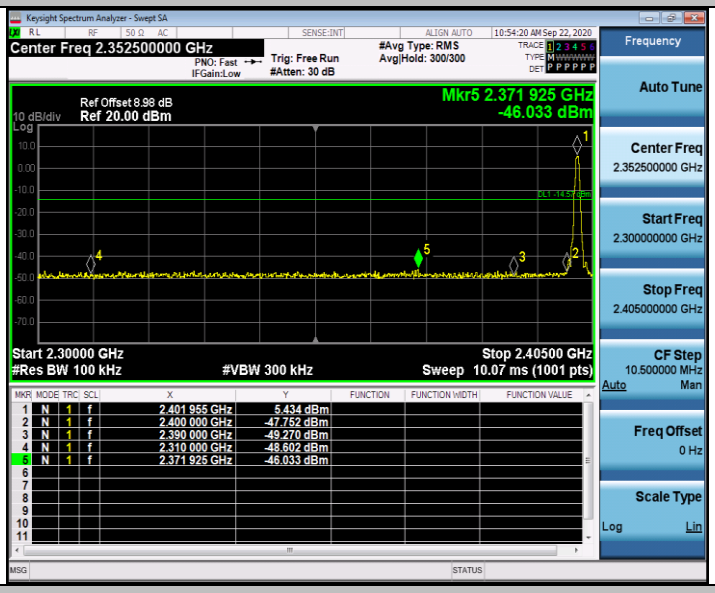
Appendix G: Band edge measurements

Test Result

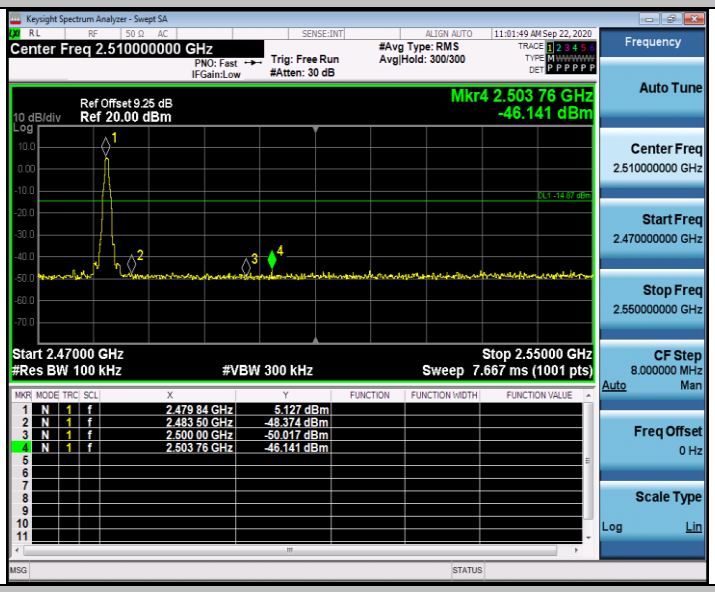
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.43	-46.03	<=-14.57	PASS
		High	2480	5.13	-46.14	<=-14.87	PASS
		Low	Hop_2402	4.83	-46.06	<=-15.17	PASS
		High	Hop_2480	4.91	-46.19	<=-15.09	PASS
2DH5	Ant1	Low	2402	6.38	-45.33	<=-13.62	PASS
		High	2480	6.11	-46.4	<=-13.89	PASS
		Low	Hop_2402	1.37	-46.05	<=-18.63	PASS
		High	Hop_2480	4.24	-46.16	<=-15.76	PASS
3DH5	Ant1	Low	2402	6.43	-45.3	<=-13.57	PASS
		High	2480	6.23	-46.27	<=-13.77	PASS
		Low	Hop_2402	2.06	-46.84	<=-17.94	PASS
		High	Hop_2480	1.87	-45.89	<=-18.13	PASS

Test Graphs

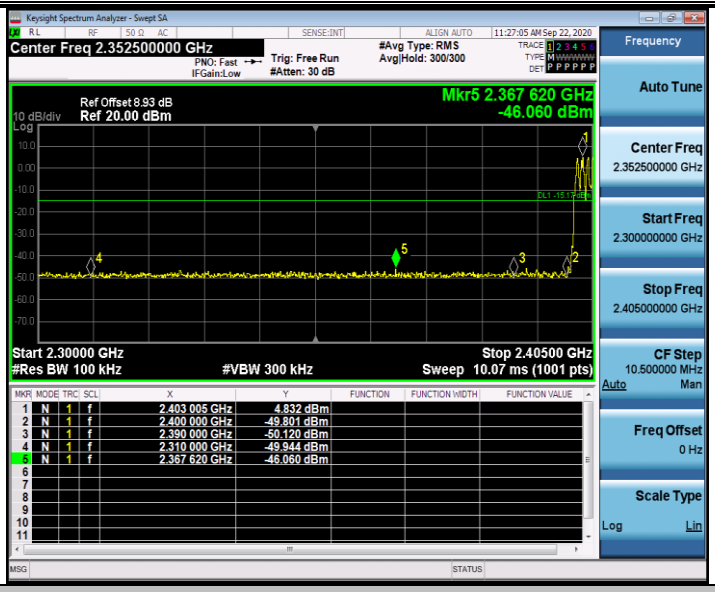
DH5_Ant1_Low_2402



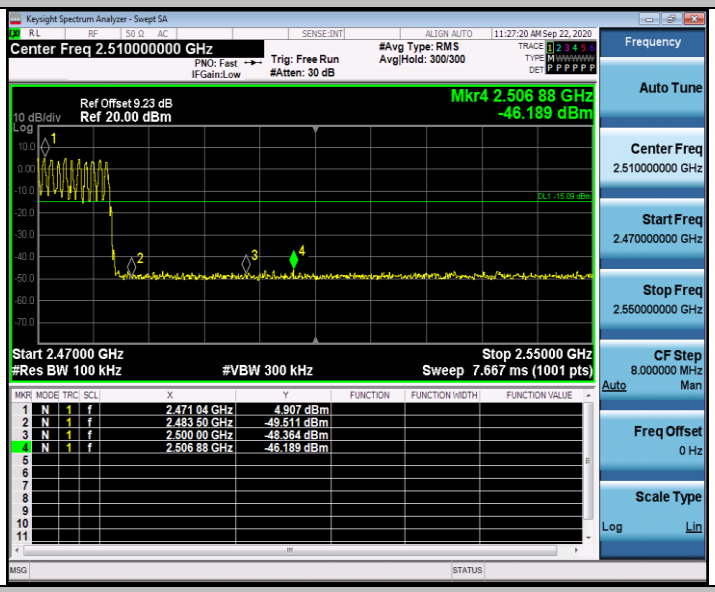
DH5_Ant1_High_2480



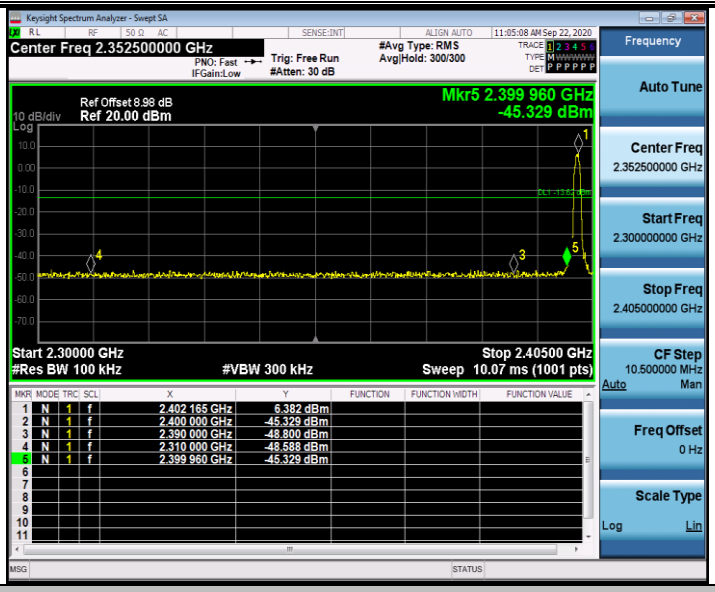
DH5_Ant1_Low_Hop_2402



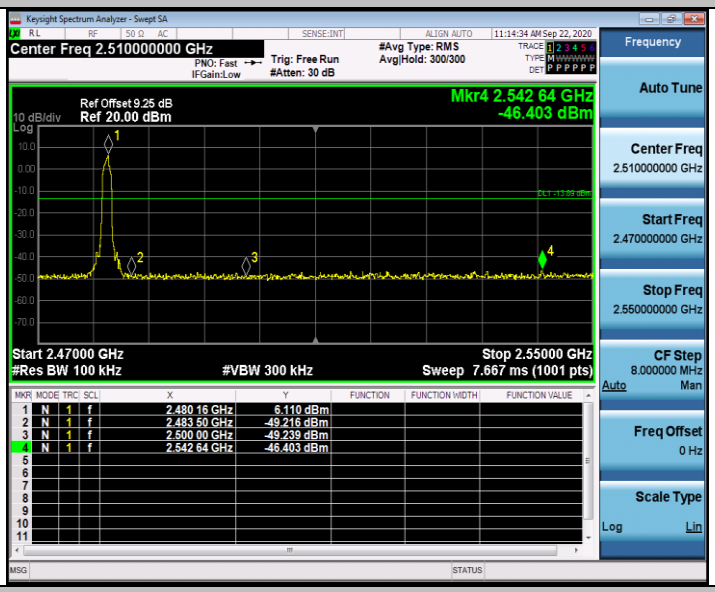
DH5_Ant1_High_Hop_2480



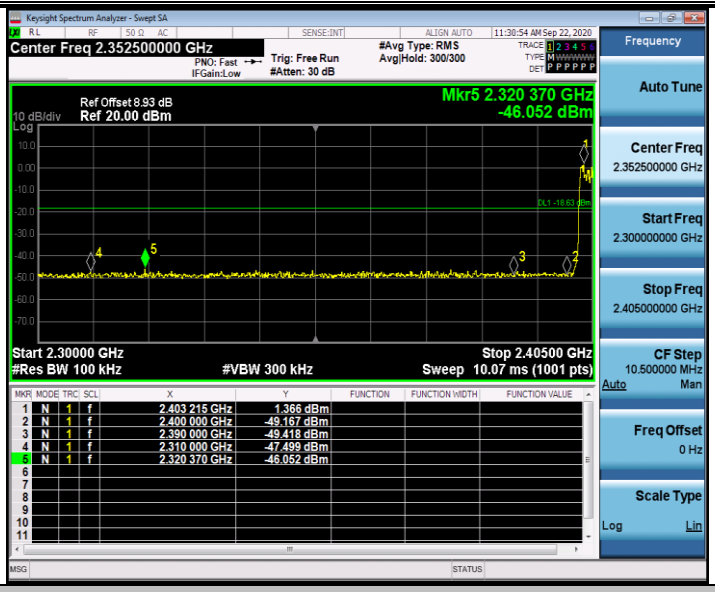
2DH5_Ant1_Low_2402



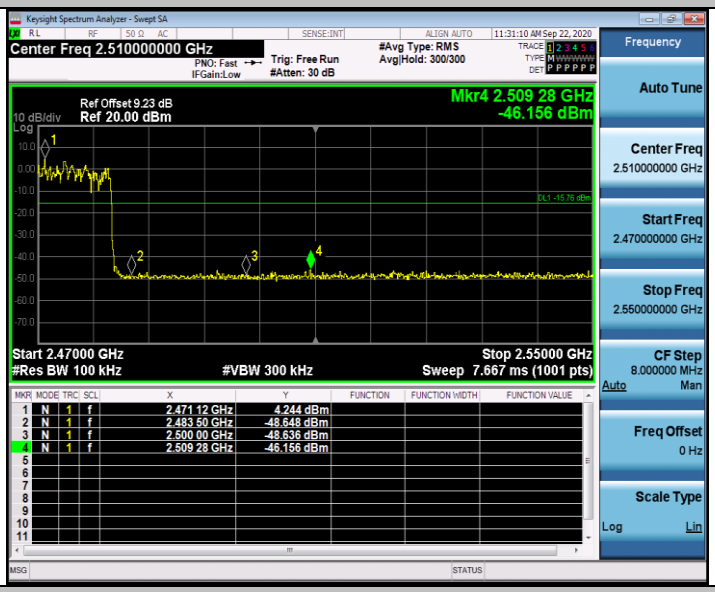
2DH5_Ant1_High_2480



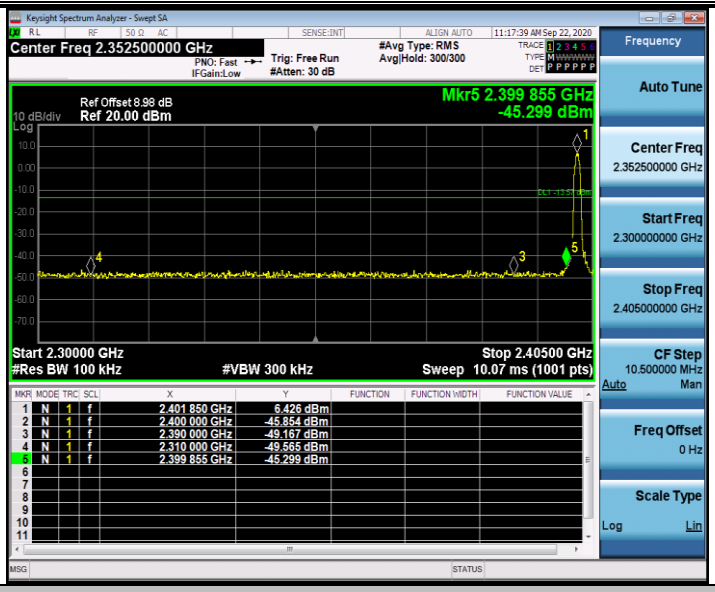
2DH5_Ant1_Low_Hop_2402



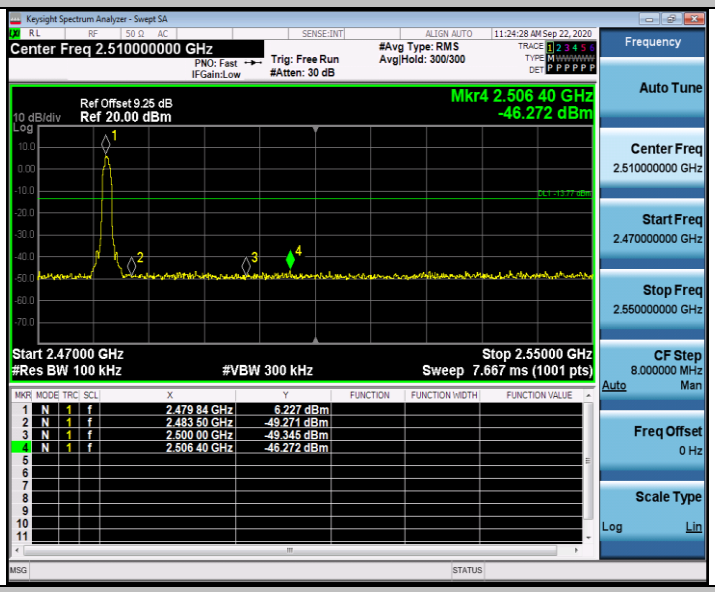
2DH5_Ant1_High_Hop_2480



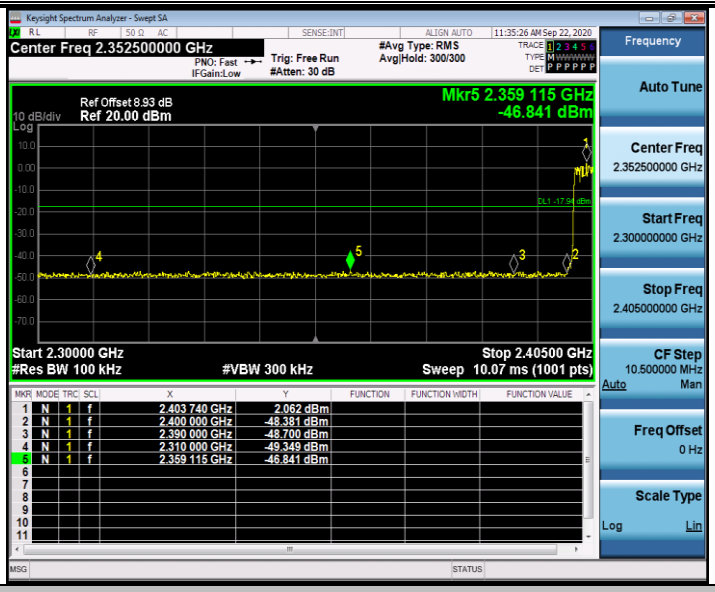
3DH5_Ant1_Low_2402



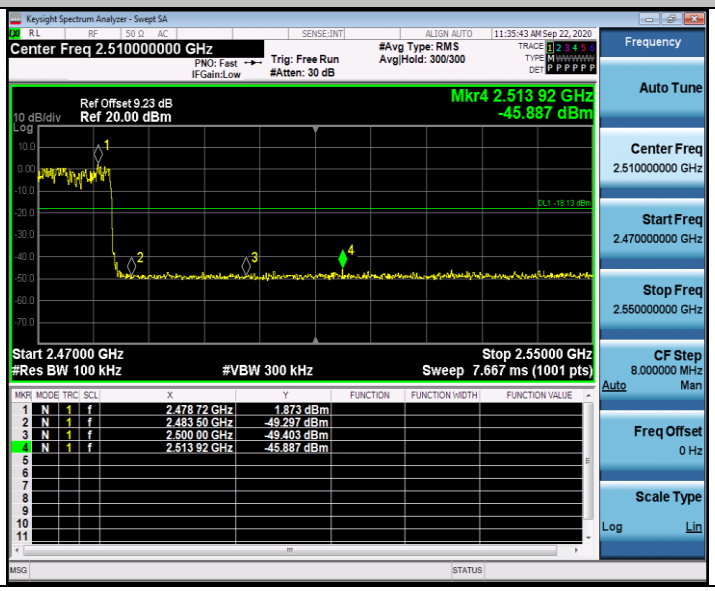
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



Appendix H: Conducted Spurious Emission

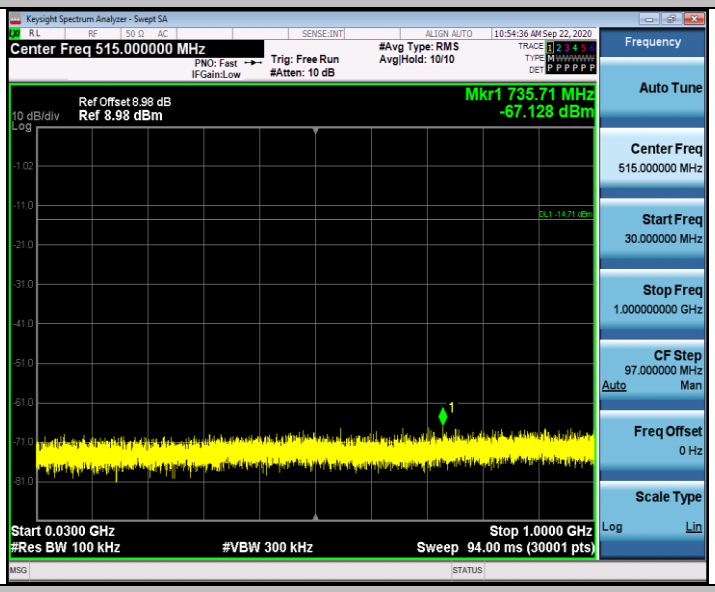
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	5.29	5.29	---	PASS
			30~1000	30~1000	-67.128	<=-14.713	PASS
			1000~26500	1000~26500	-47.949	<=-14.713	PASS
		2441	Reference	5.26	5.26	---	PASS
			30~1000	30~1000	-66.756	<=-14.743	PASS
			1000~26500	1000~26500	-47.626	<=-14.743	PASS
		2480	Reference	4.97	4.97	---	PASS
			30~1000	30~1000	-65.845	<=-15.032	PASS
			1000~26500	1000~26500	-46.797	<=-15.032	PASS
2DH5	Ant1	2402	Reference	6.23	6.23	---	PASS
			30~1000	30~1000	-66.678	<=-13.774	PASS
			1000~26500	1000~26500	-47.292	<=-13.774	PASS
		2441	Reference	5.89	5.89	---	PASS
			30~1000	30~1000	-67.019	<=-14.111	PASS
			1000~26500	1000~26500	-47.179	<=-14.111	PASS
		2480	Reference	6.07	6.07	---	PASS
			30~1000	30~1000	-66.99	<=-13.93	PASS
			1000~26500	1000~26500	-47.326	<=-13.93	PASS
3DH5	Ant1	2402	Reference	6.38	6.38	---	PASS
			30~1000	30~1000	-66.493	<=-13.625	PASS
			1000~26500	1000~26500	-47.267	<=-13.625	PASS
		2441	Reference	6.02	6.02	---	PASS
			30~1000	30~1000	-66.194	<=-13.985	PASS
			1000~26500	1000~26500	-47.36	<=-13.985	PASS
		2480	Reference	5.58	5.58	---	PASS
			30~1000	30~1000	-66.552	<=-14.42	PASS
			1000~26500	1000~26500	-47.371	<=-14.42	PASS

Test Graphs

DH5_Ant1_2402_0~Reference

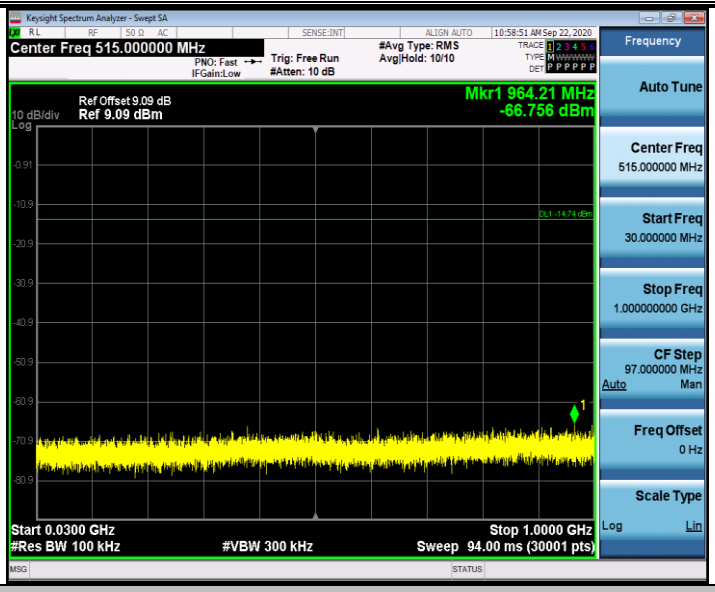
DH5_Ant1_2402_30~1000



DH5_Ant1_2402_1000~26500

DH5_Ant1_2441_0~Reference

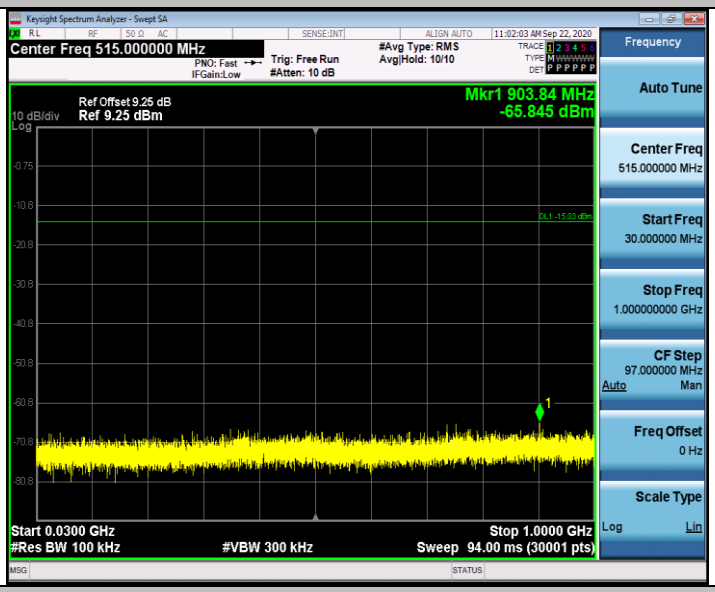
DH5_Ant1_2441_30~1000



DH5_Ant1_2441_1000~26500

DH5_Ant1_2480_0~Reference

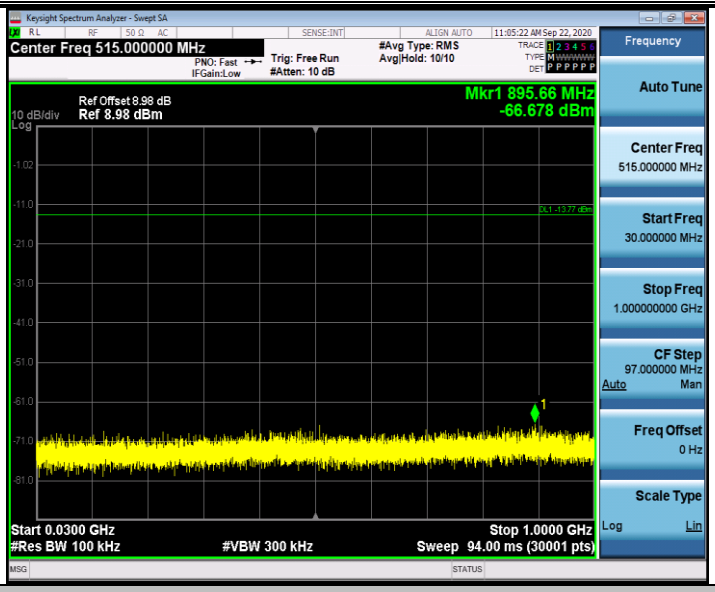
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

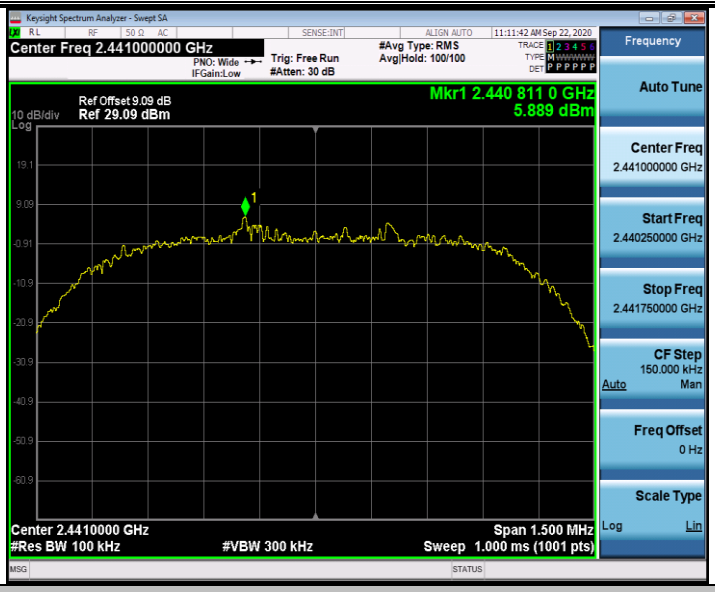
2DH5_Ant1_2402_0~Reference

2DH5_Ant1_2402_30~1000

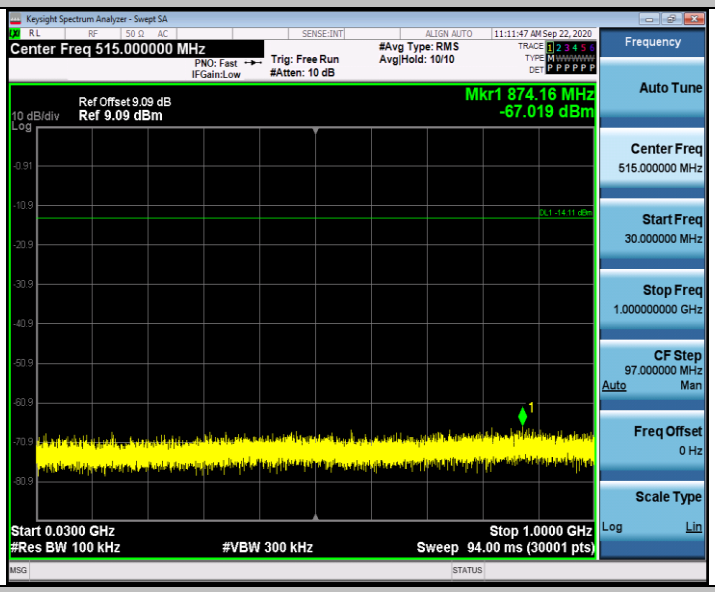


2DH5_Ant1_2402_1000~26500

2DH5_Ant1_2441_0~Reference



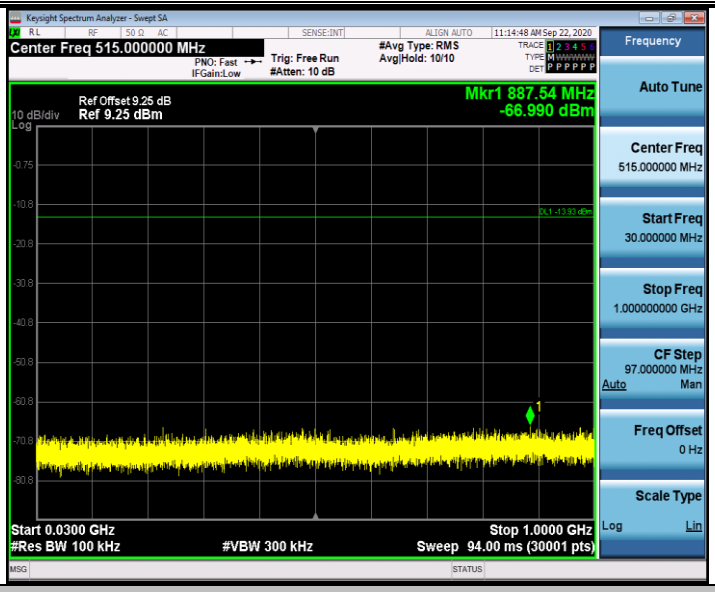
2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500

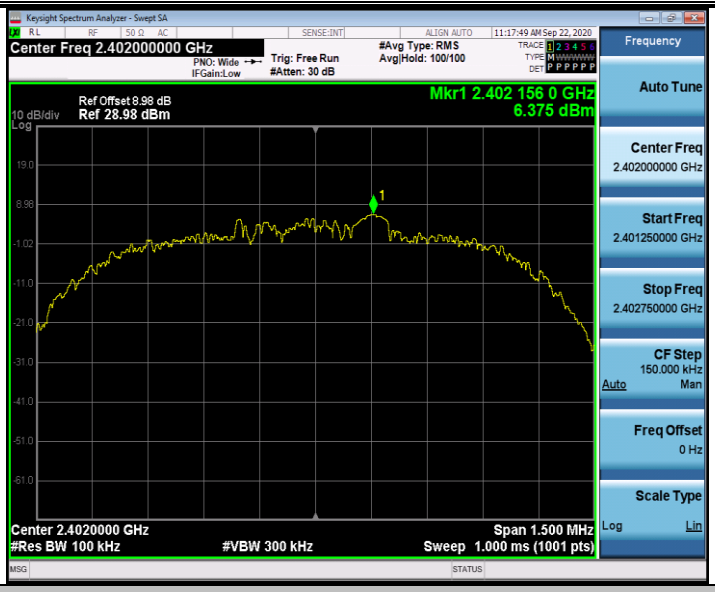
2DH5_Ant1_2480_0~Reference

2DH5_Ant1_2480_30~1000

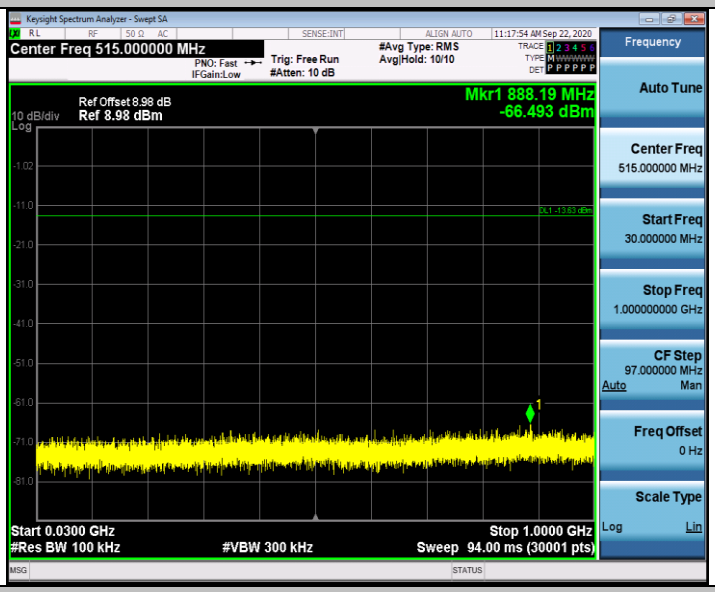


2DH5_Ant1_2480_1000~26500

3DH5_Ant1_2402_0~Reference



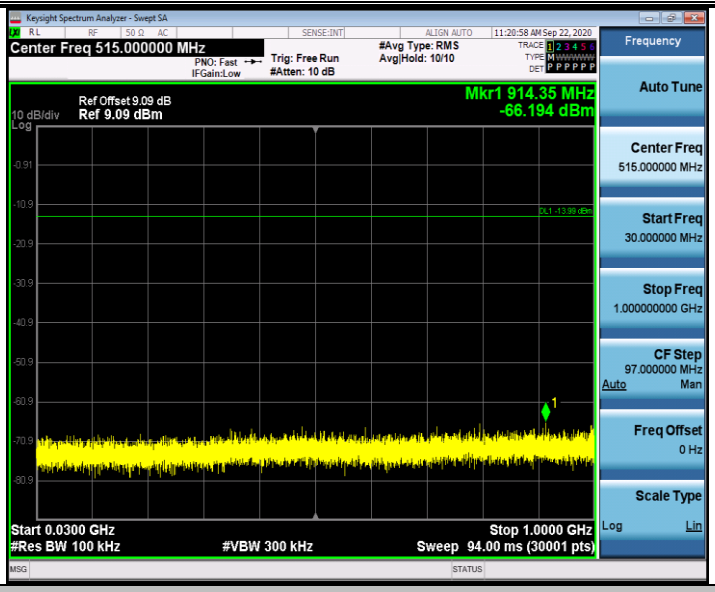
3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500

3DH5_Ant1_2441_0~Reference

3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

3DH5_Ant1_2480_0~Reference