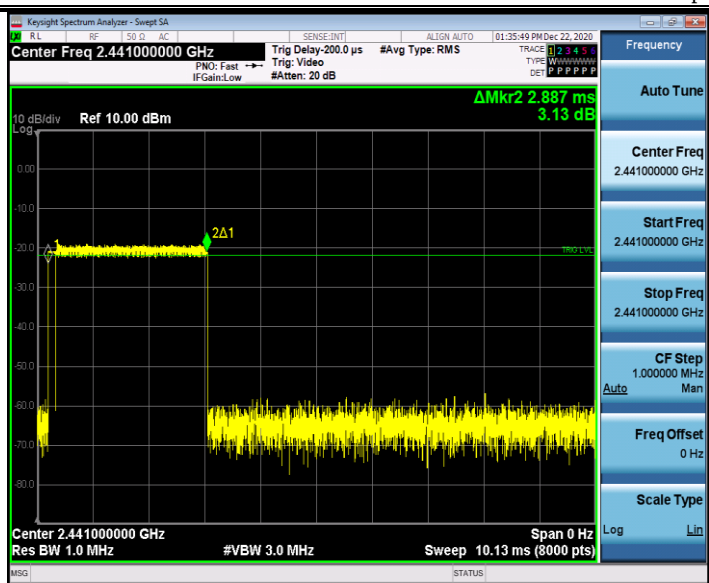
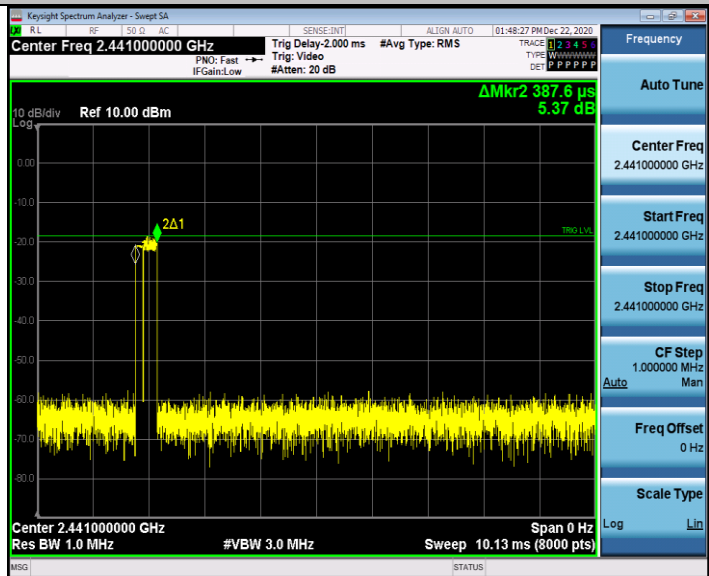
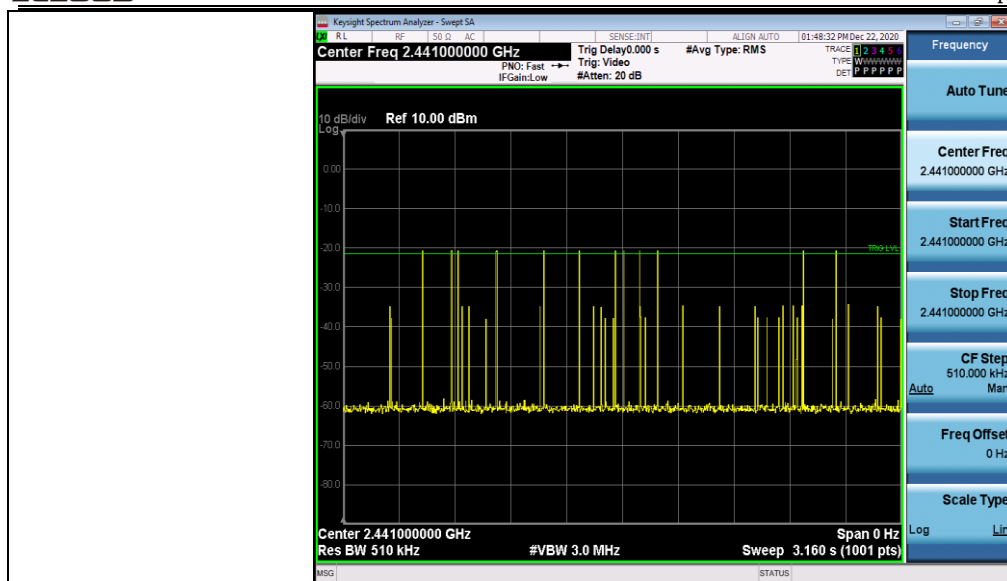
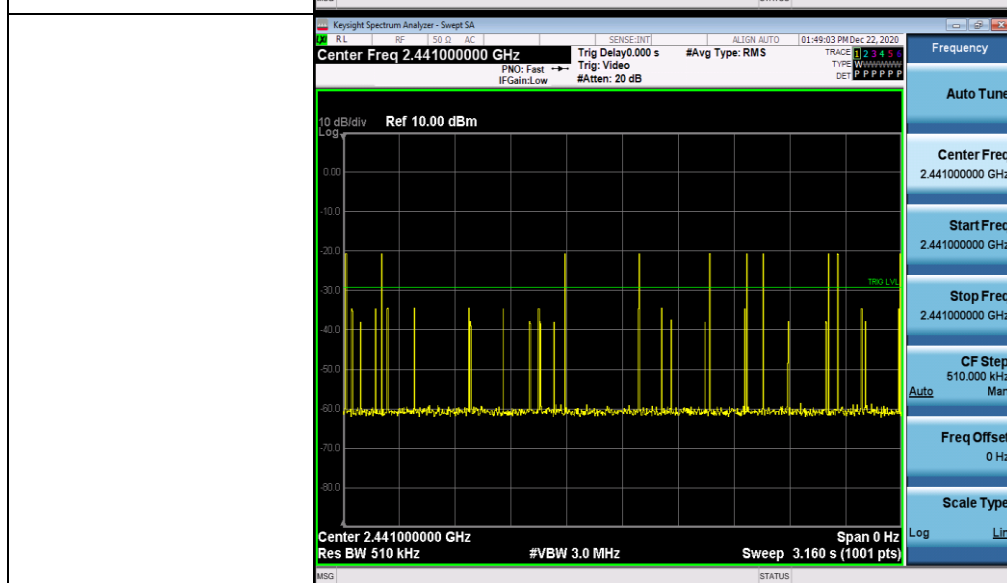
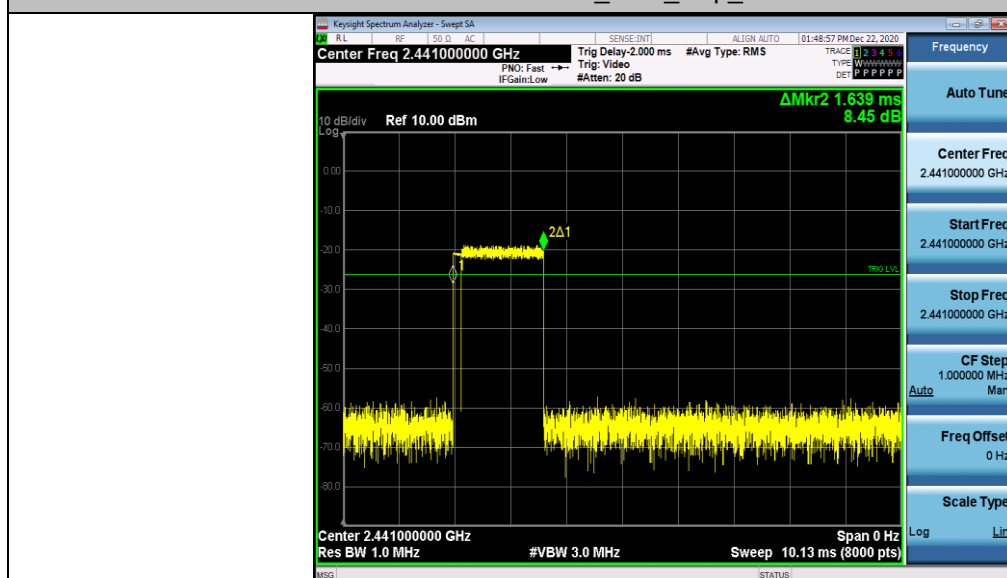


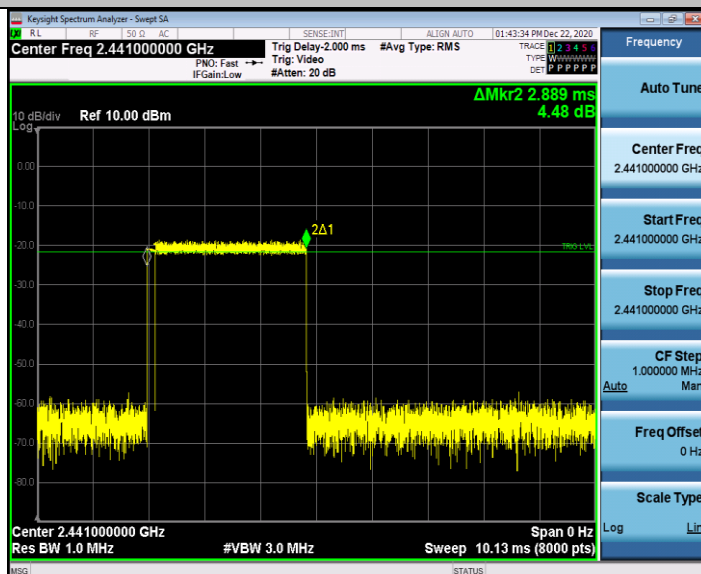
		
		
3DH1_Ant1_Hop_2441		
		



3DH3_Ant1_Hop_2441



3DH5_Ant1_Hop_2441

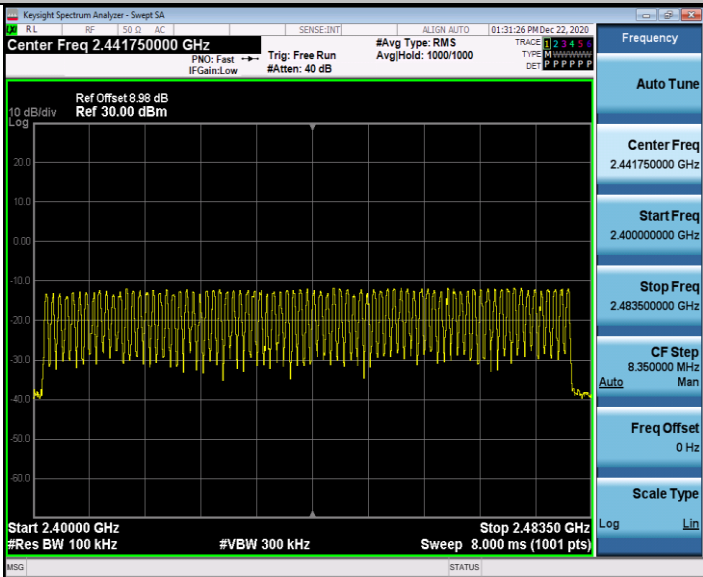
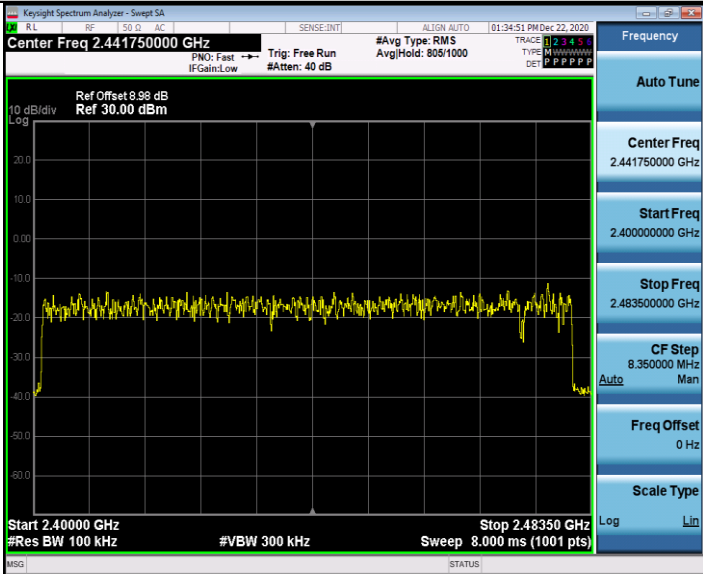


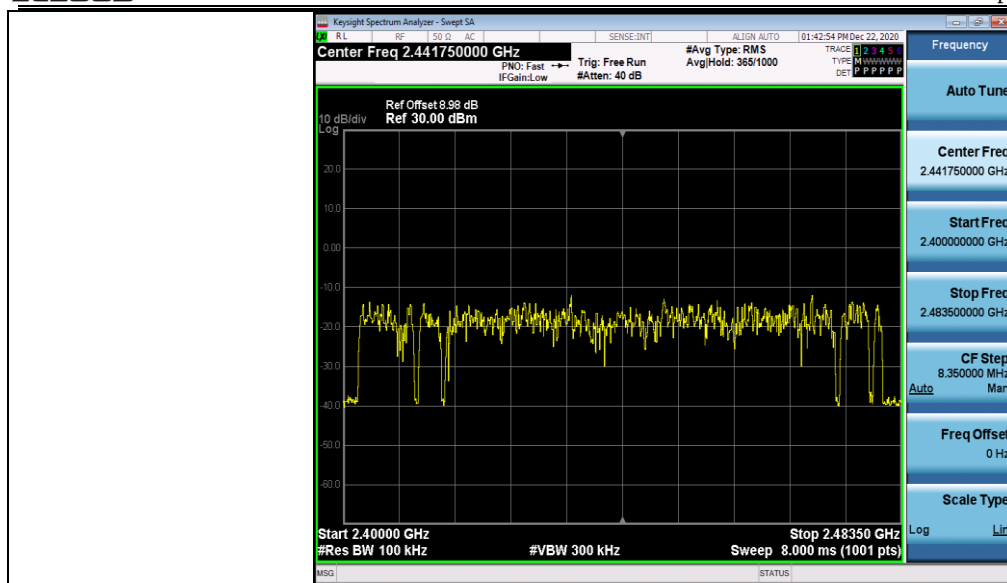
Appendix F: Number of hopping channels

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		
 KeySight Spectrum Analyzer - Swept SA Center Freq 2.441750000 GHz Ref Offset 8.98 dB Ref 30.00 dBm 10 dB/div Log Start 2.40000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 8.000 ms (1001 pts) Stop 2.48350 GHz Trig: Free Run #Atten: 40 dB #Avg Type: RMS AvgHold: 1000/1000 Frequency Auto Tune Center Freq 2.441750000 GHz Start Freq 2.400000000 GHz Stop Freq 2.483500000 GHz CF Step 8.350000 MHz Auto Freq Offset 0 Hz Scale Type Log		
2DH5_Ant1_Hop		
 KeySight Spectrum Analyzer - Swept SA Center Freq 2.441750000 GHz Ref Offset 8.98 dB Ref 30.00 dBm 10 dB/div Log Start 2.40000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 8.000 ms (1001 pts) Stop 2.48350 GHz Trig: Free Run #Atten: 40 dB #Avg Type: RMS AvgHold: 800/1000 Frequency Auto Tune Center Freq 2.441750000 GHz Start Freq 2.400000000 GHz Stop Freq 2.483500000 GHz CF Step 8.350000 MHz Auto Freq Offset 0 Hz Scale Type Log		
3DH5_Ant1_Hop		



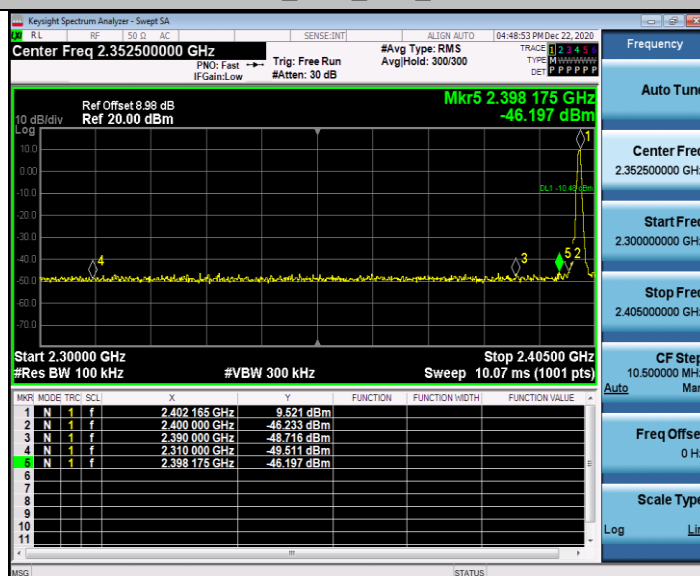
Appendix G: Band edge measurements

Test Result

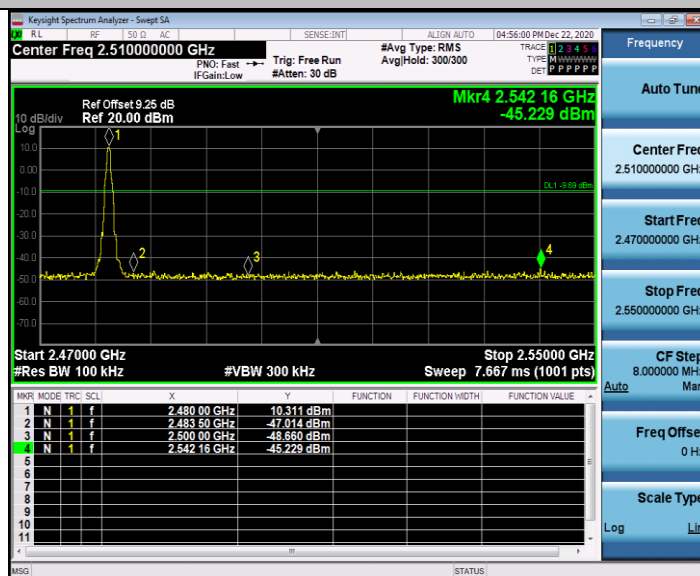
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	9.52	-46.2	<=-10.48	PASS
		High	2480	10.31	-45.23	<=-9.69	PASS
		Low	Hop_2402	8.81	-46.35	<=-11.2	PASS
		High	Hop_2480	10.15	-45.66	<=-9.85	PASS
2DH5	Ant1	Low	2402	8.51	-46.32	<=-11.49	PASS
		High	2480	10.32	-46.4	<=-9.68	PASS
		Low	Hop_2402	5.98	-45.83	<=-14.03	PASS
		High	Hop_2480	9.68	-45.65	<=-10.32	PASS
3DH5	Ant1	Low	2402	9.75	-45.22	<=-10.25	PASS
		High	2480	9.84	-45.68	<=-10.16	PASS
		Low	Hop_2402	6.54	-45.81	<=-13.46	PASS
		High	Hop_2480	8.19	-45.83	<=-11.81	PASS

Test Graphs

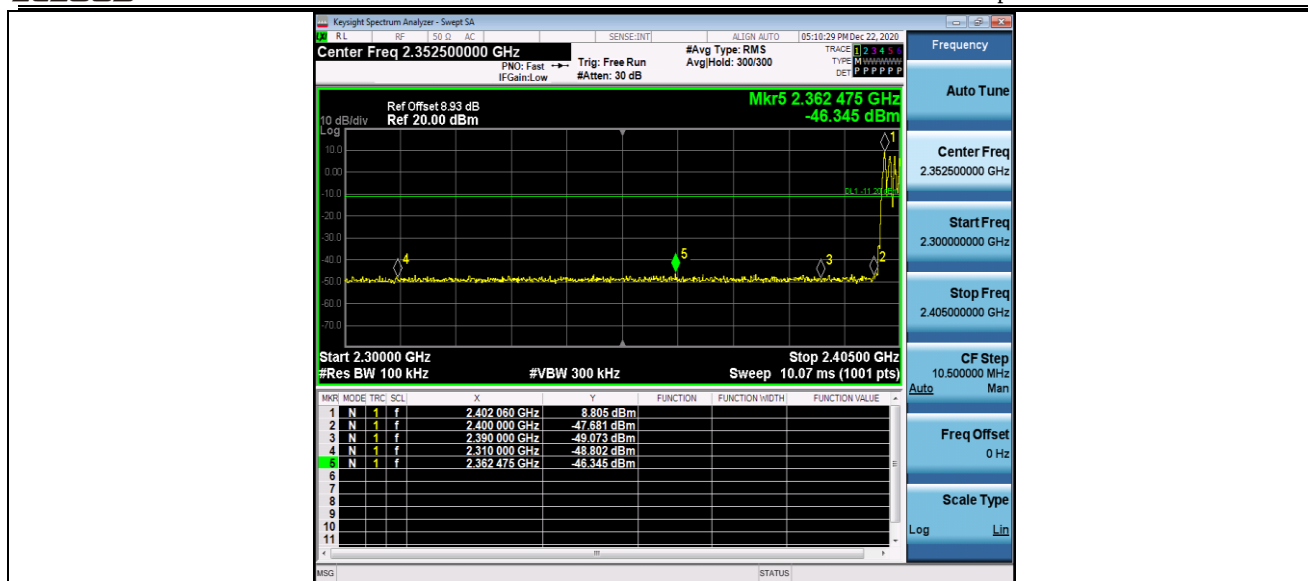
DH5_Ant1_Low_2402



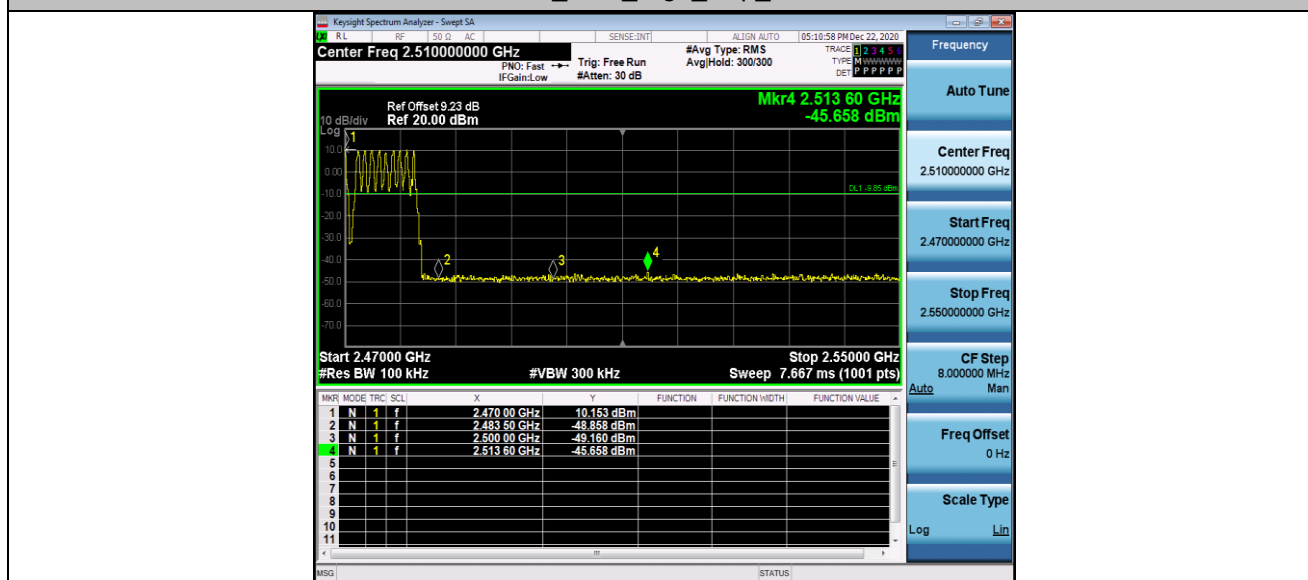
DH5_Ant1_High_2480



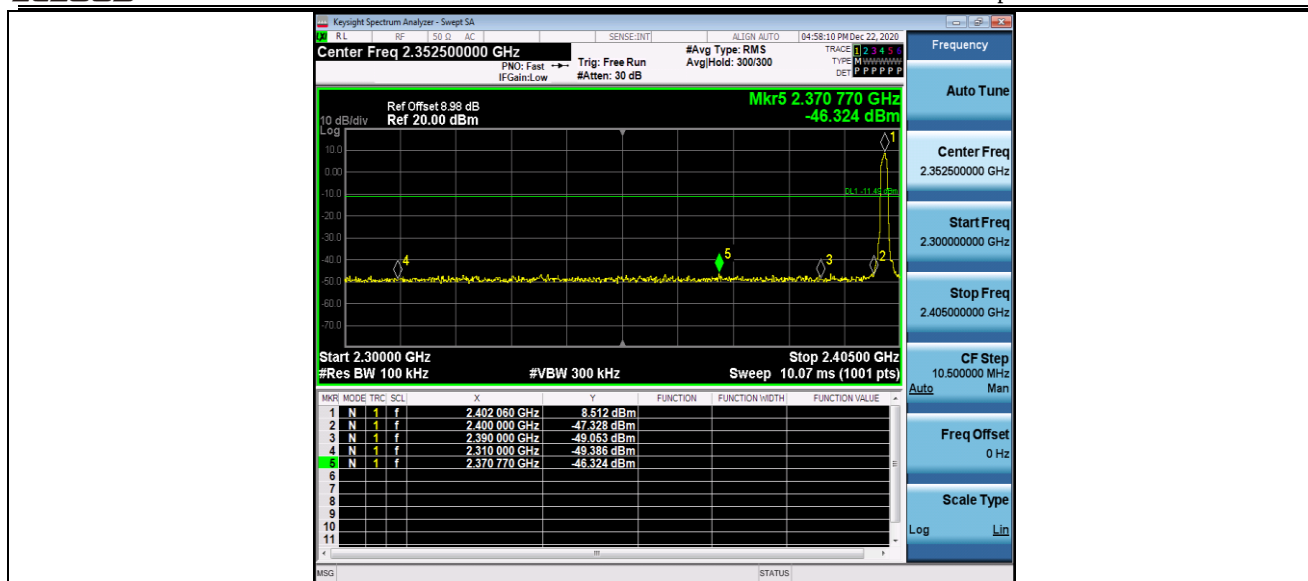
DH5_Ant1_Low_Hop_2402



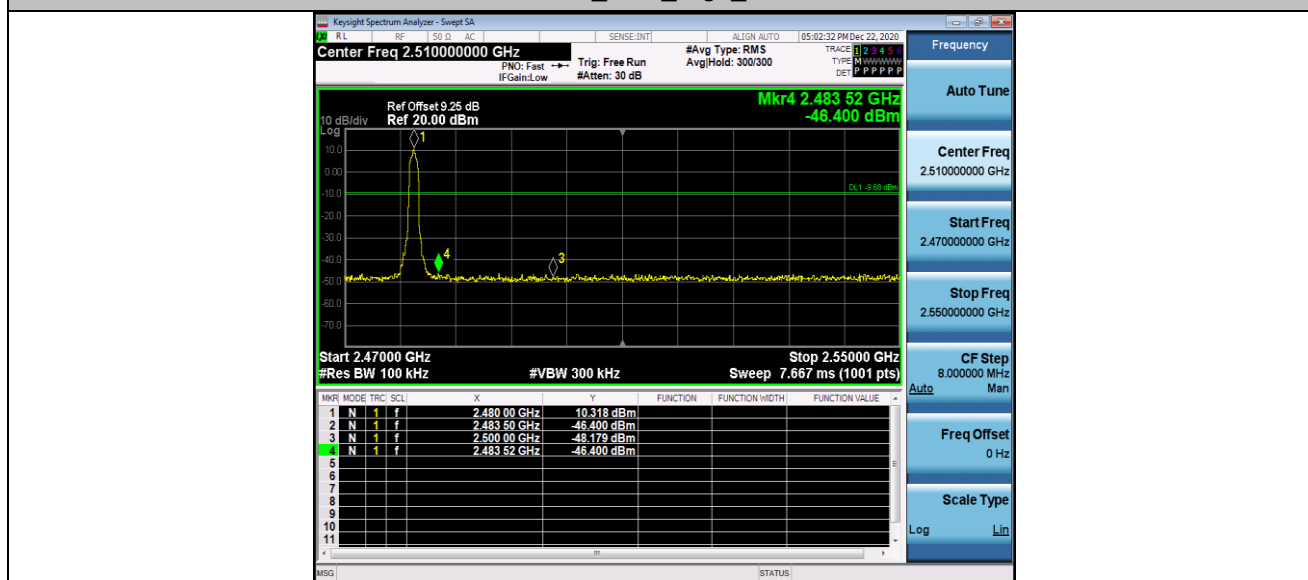
DH5_Ant1_High_Hop_2480



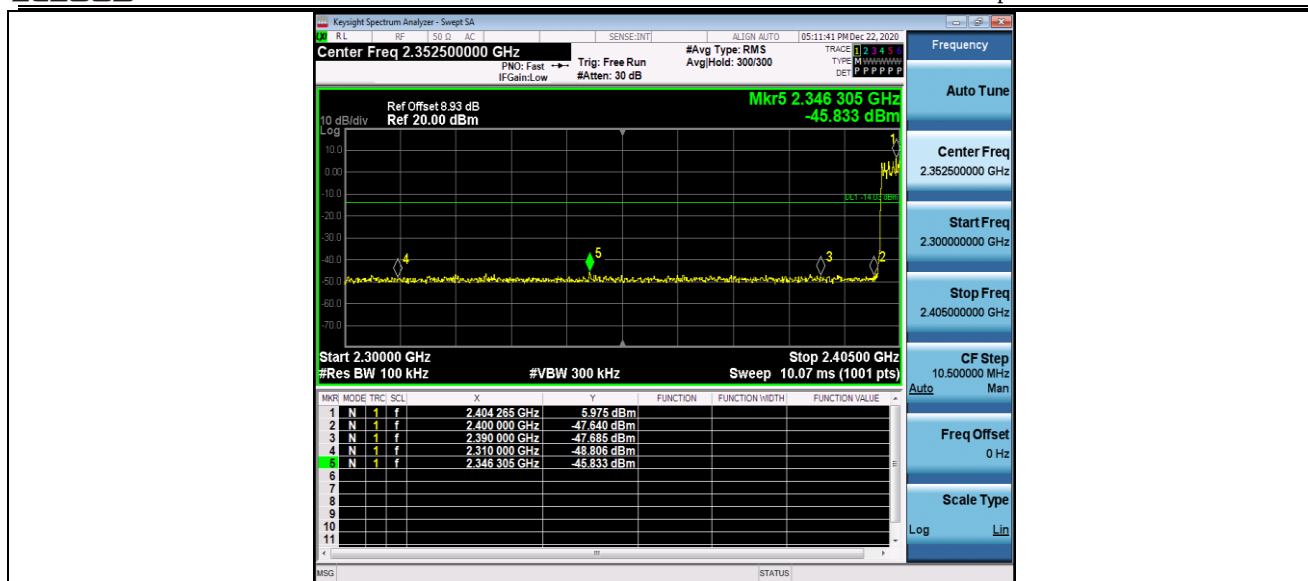
2DH5_Ant1_Low_2402



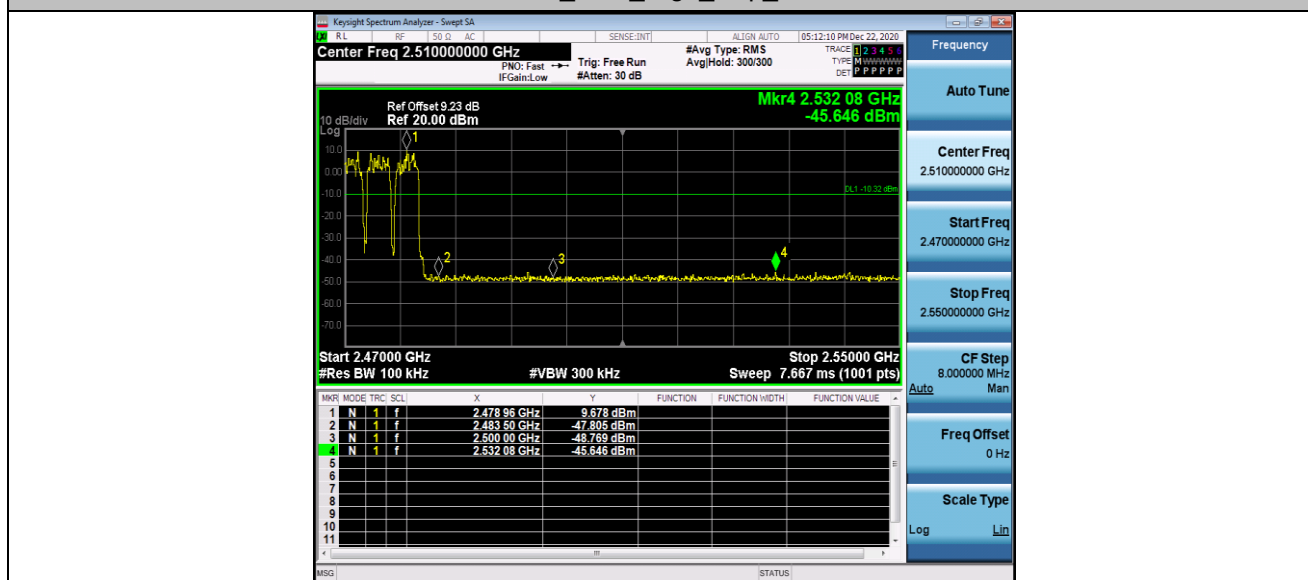
2DH5_Ant1_High_2480



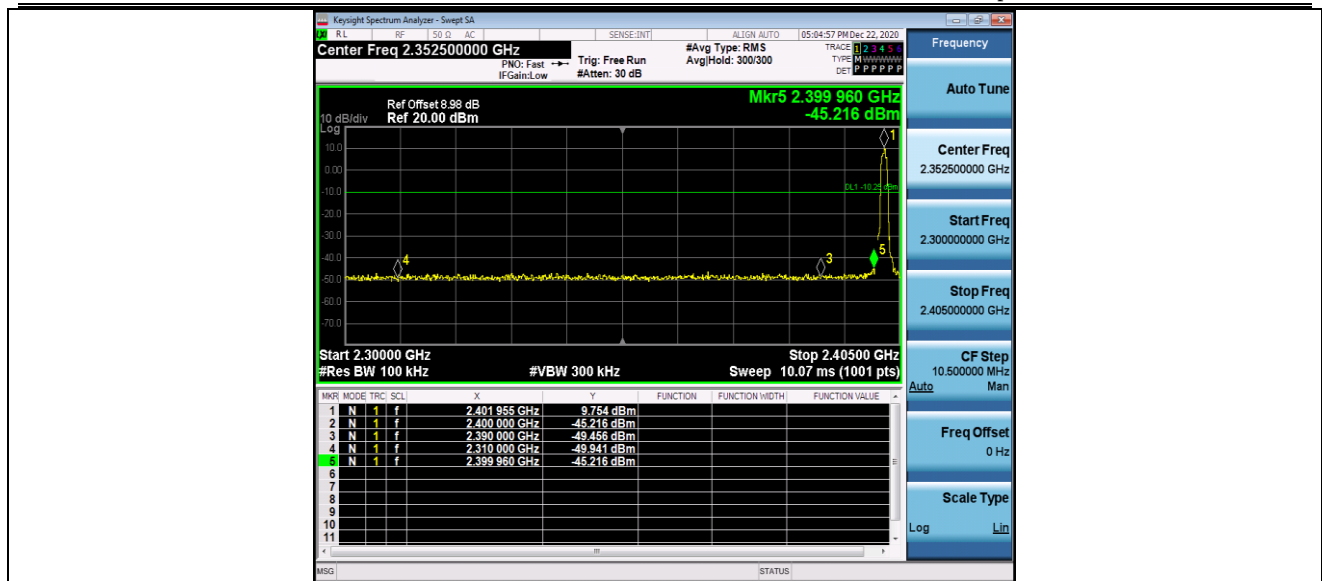
2DH5_Ant1_Low_Hop_2402



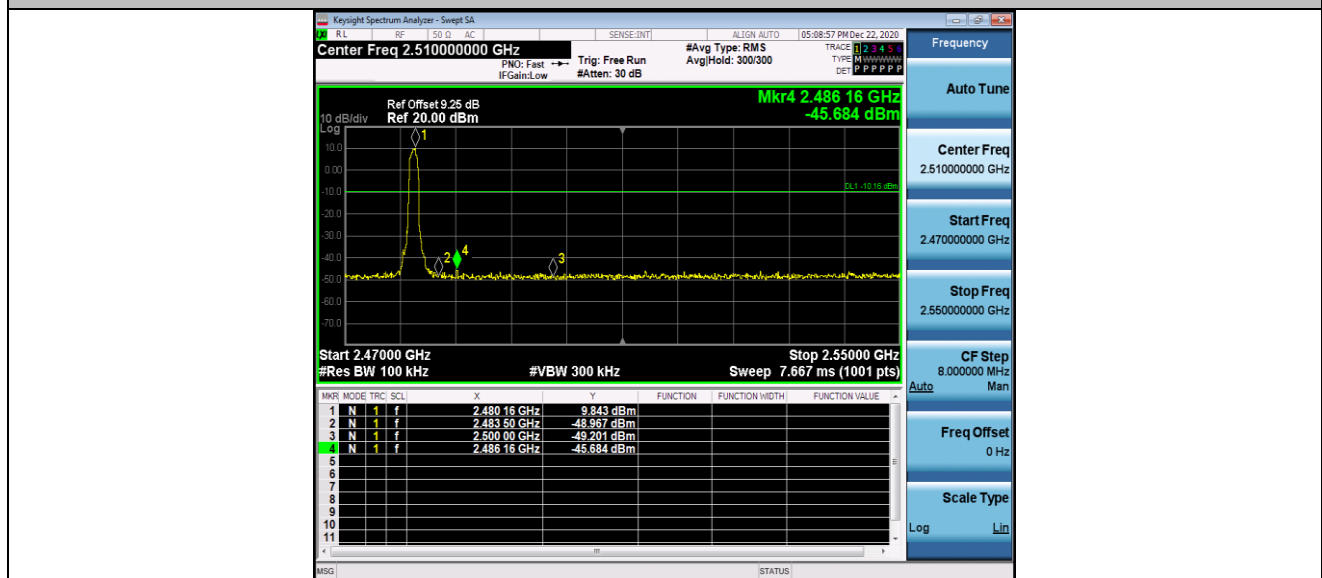
2DH5_Ant1_High_Hop_2480



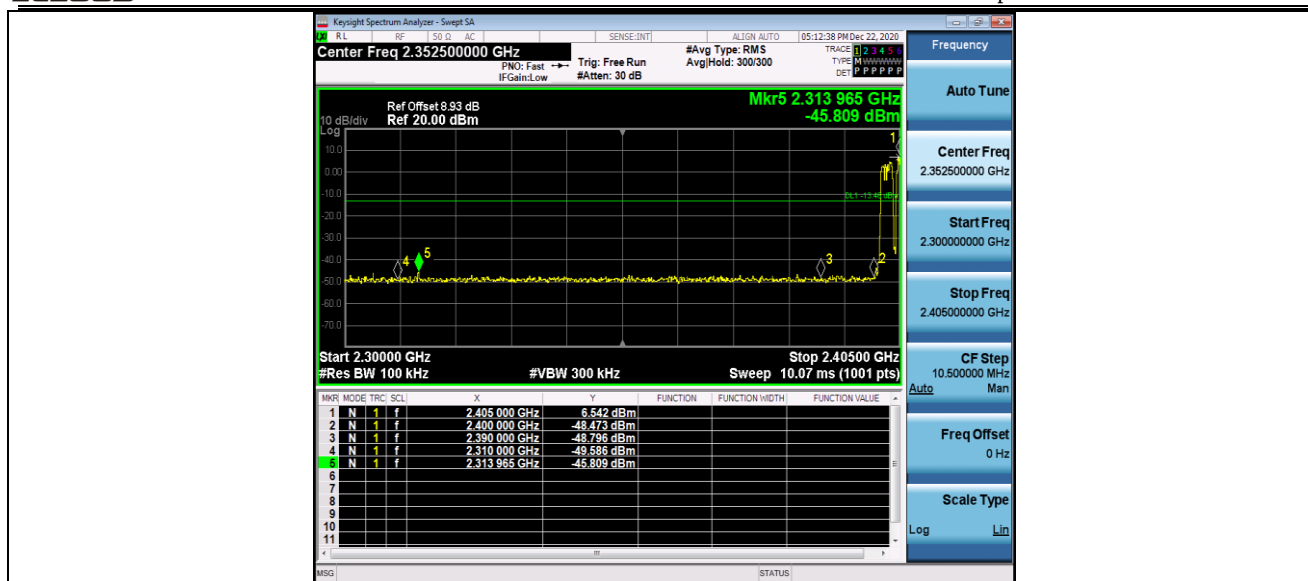
3DH5_Ant1_Low_2402



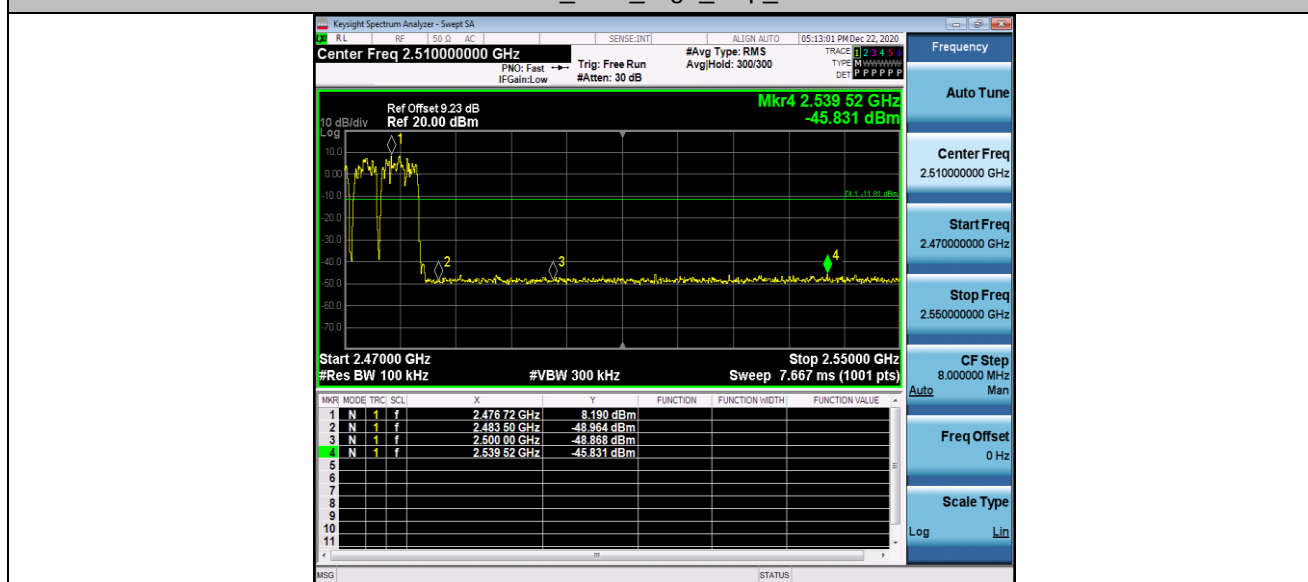
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



Appendix H: Conducted Spurious Emission

Test Result

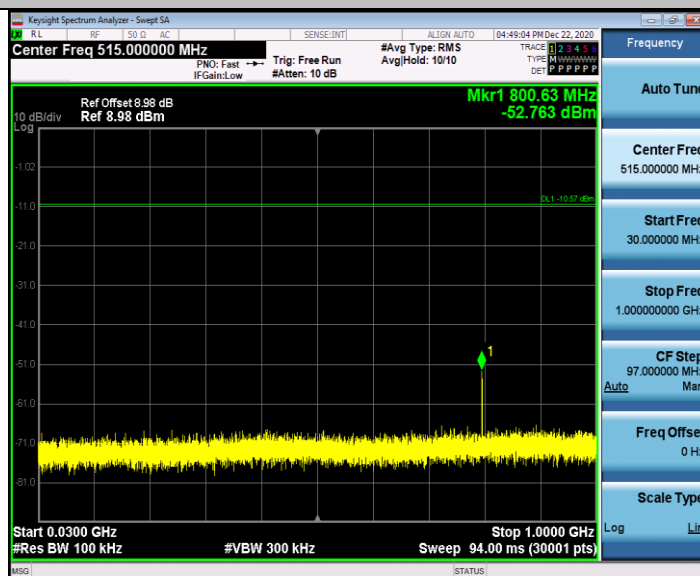
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	9.43	9.43	---	PASS
			30~1000	30~1000	-52.763	<=-10.574	PASS
			1000~26500	1000~26500	-36.29	<=-10.574	PASS
		2441	Reference	9.11	9.11	---	PASS
			30~1000	30~1000	-51.976	<=-10.894	PASS
			1000~26500	1000~26500	-38.014	<=-10.894	PASS
		2480	Reference	9.86	9.86	---	PASS
			30~1000	30~1000	-65.92	<=-10.141	PASS
			1000~26500	1000~26500	-39.701	<=-10.141	PASS
2DH5	Ant1	2402	Reference	9.71	9.71	---	PASS
			30~1000	30~1000	-54.447	<=-10.295	PASS
			1000~26500	1000~26500	-36.167	<=-10.295	PASS
		2441	Reference	8.60	8.60	---	PASS
			30~1000	30~1000	-53.921	<=-11.4	PASS
			1000~26500	1000~26500	-37.919	<=-11.4	PASS
		2480	Reference	10.48	10.48	---	PASS
			30~1000	30~1000	-53.577	<=-9.522	PASS
			1000~26500	1000~26500	-39.64	<=-9.522	PASS
3DH5	Ant1	2402	Reference	7.82	7.82	---	PASS
			30~1000	30~1000	-53.392	<=-12.182	PASS
			1000~26500	1000~26500	-36.241	<=-12.182	PASS
		2441	Reference	9.56	9.56	---	PASS
			30~1000	30~1000	-55.895	<=-10.44	PASS
			1000~26500	1000~26500	-38.128	<=-10.44	PASS
		2480	Reference	9.25	9.25	---	PASS
			30~1000	30~1000	-51.46	<=-10.75	PASS
			1000~26500	1000~26500	-39.587	<=-10.75	PASS

Test Graphs

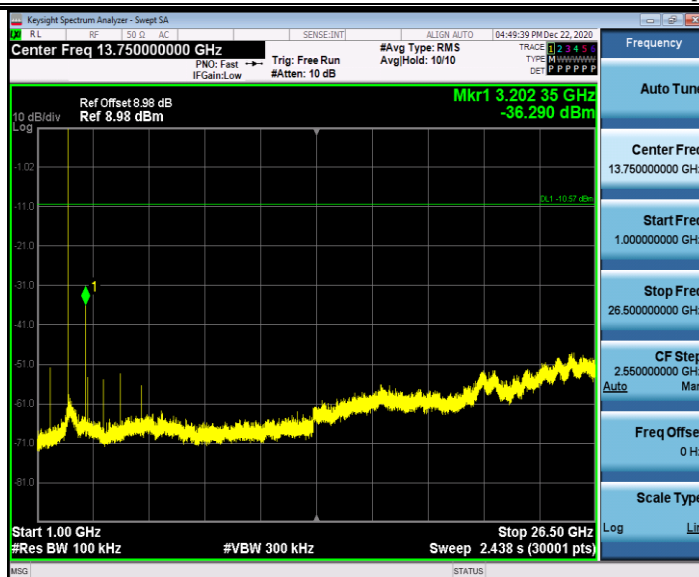
DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000



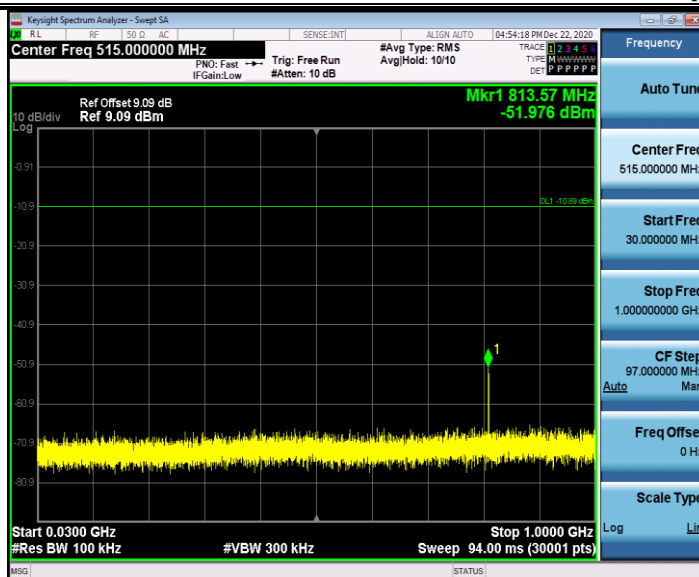
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



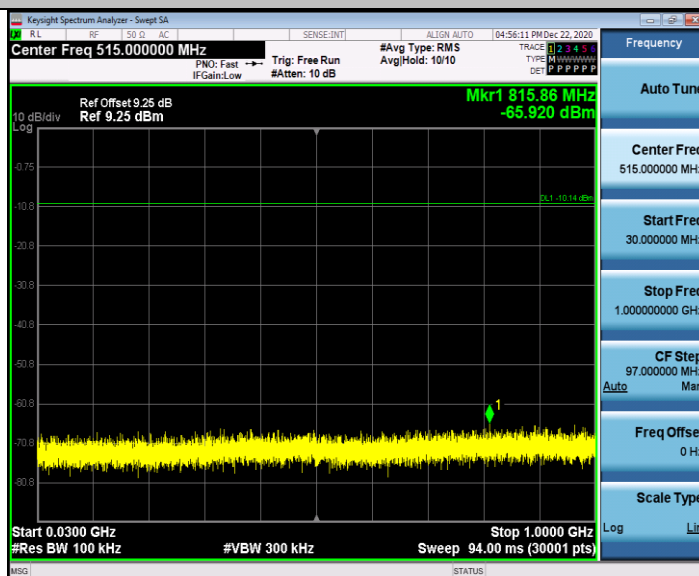
DH5_Ant1_2441_1000~26500



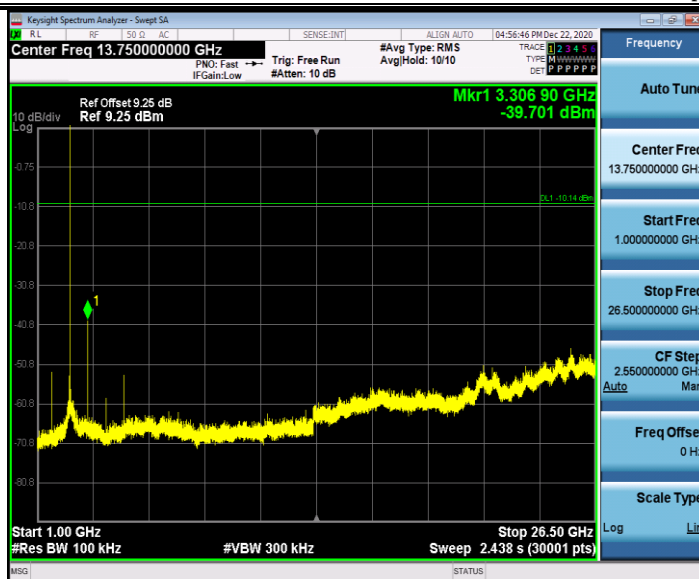
DH5_Ant1_2480_0~Reference



DH5_Ant1_2480_30~1000



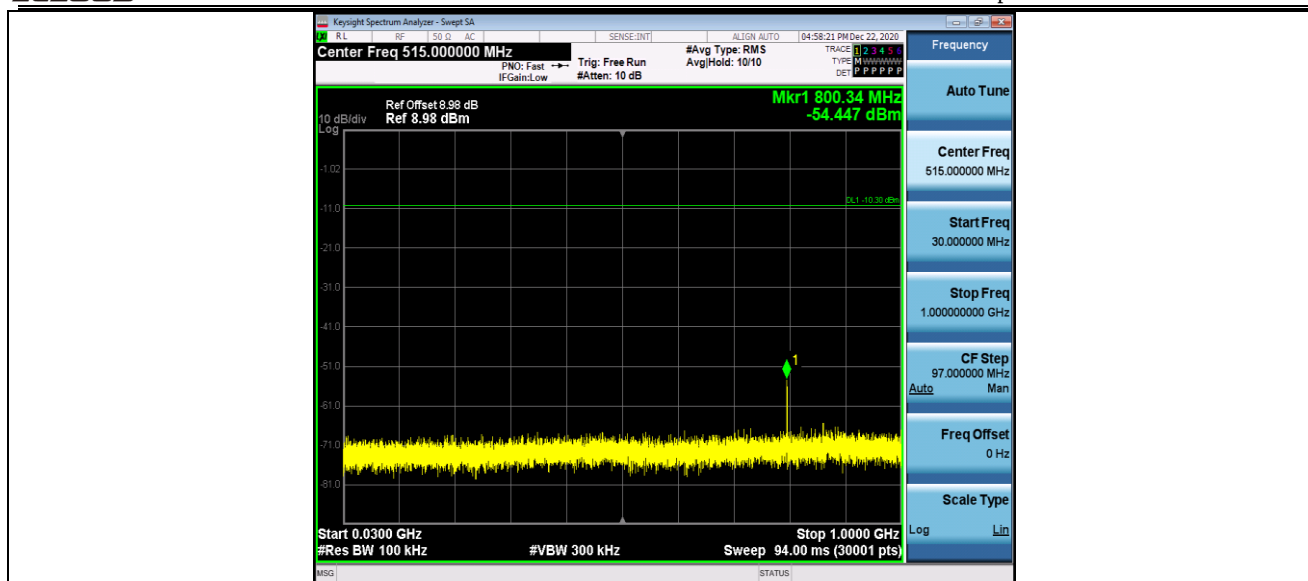
DH5_Ant1_2480_1000~26500



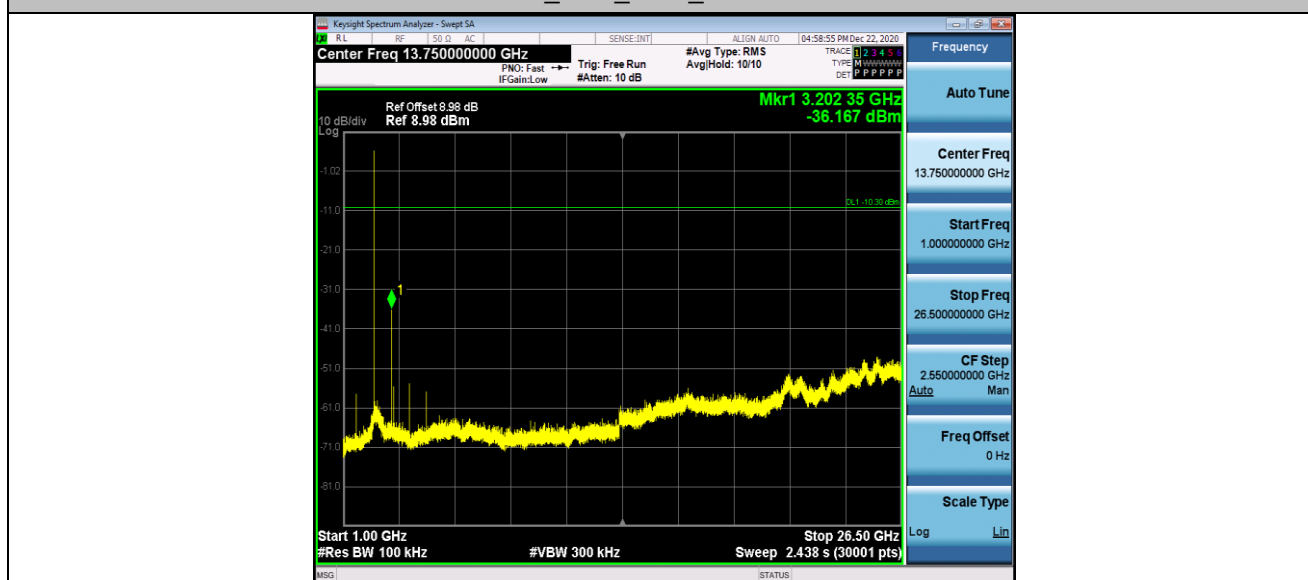
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



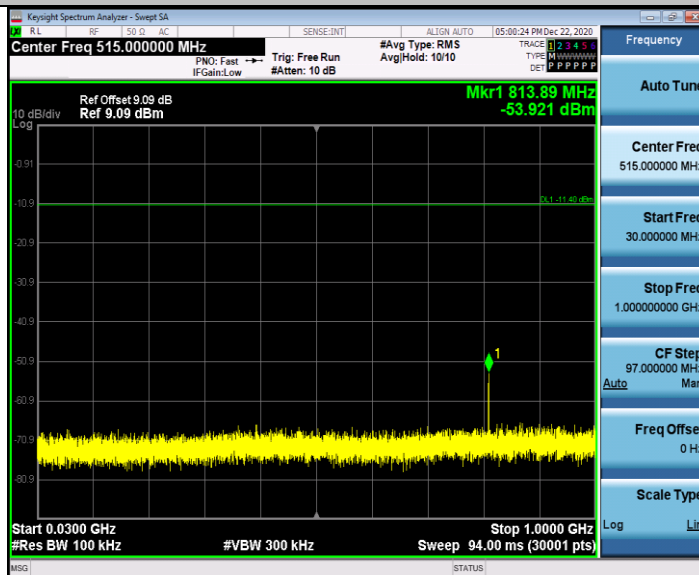
2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



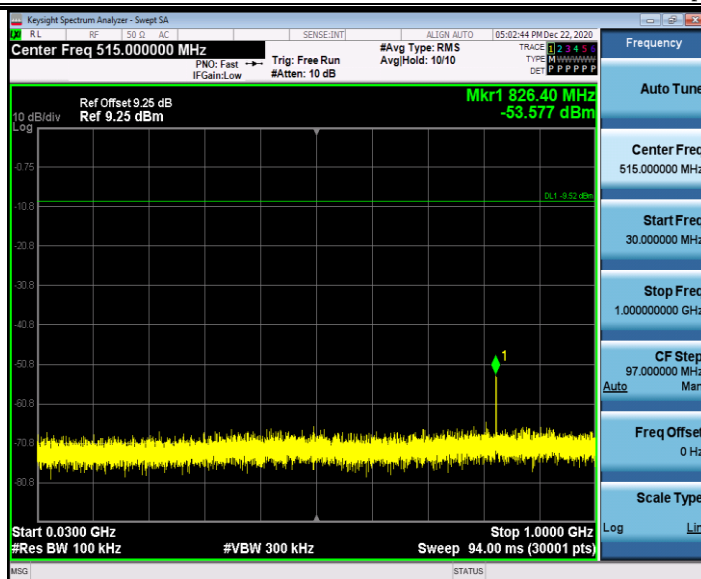
2DH5_Ant1_2441_1000~26500



2DH5_Ant1_2480_0~Reference



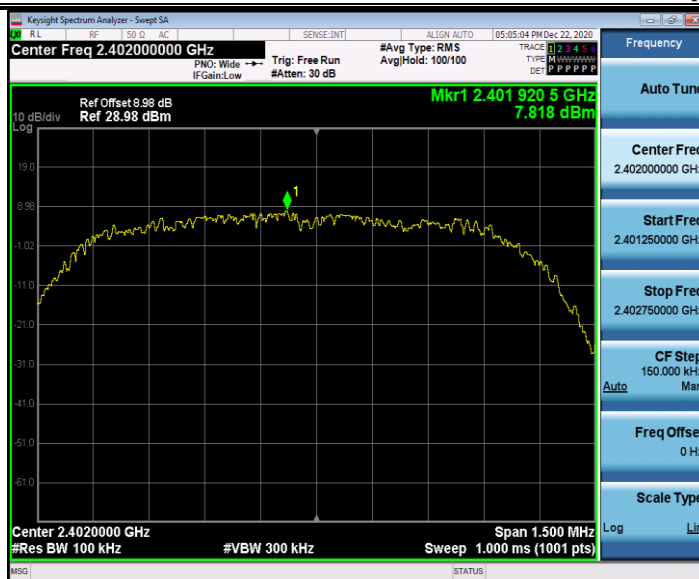
2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



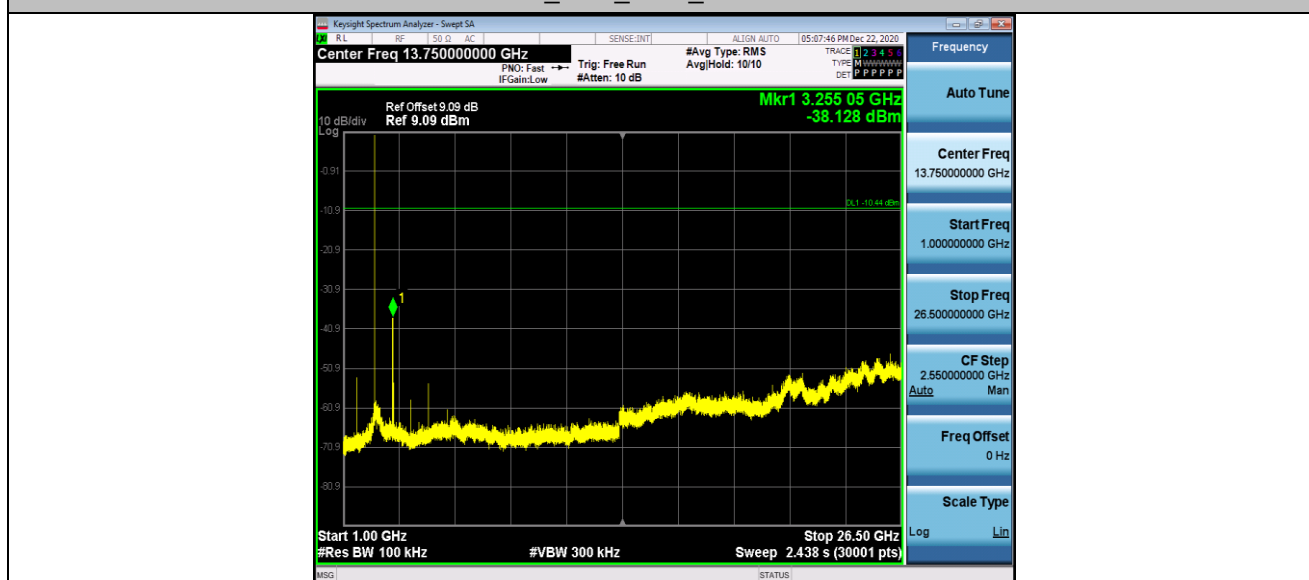
3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



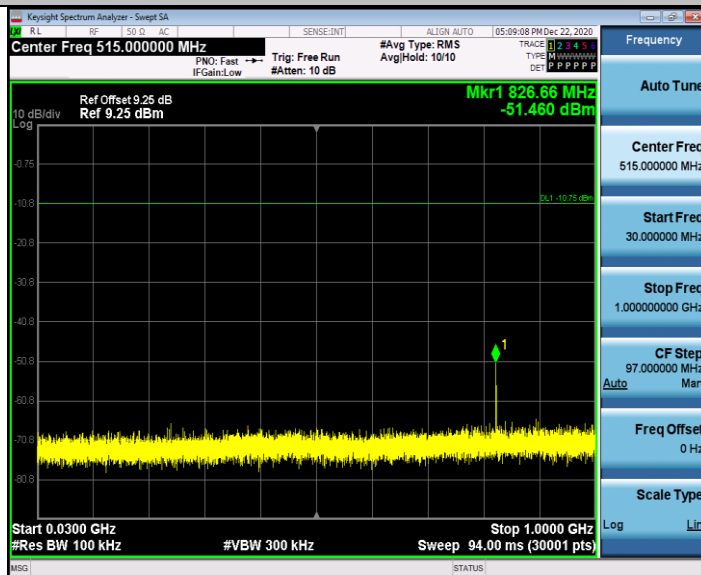
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



Appendix I. Setup Photographs

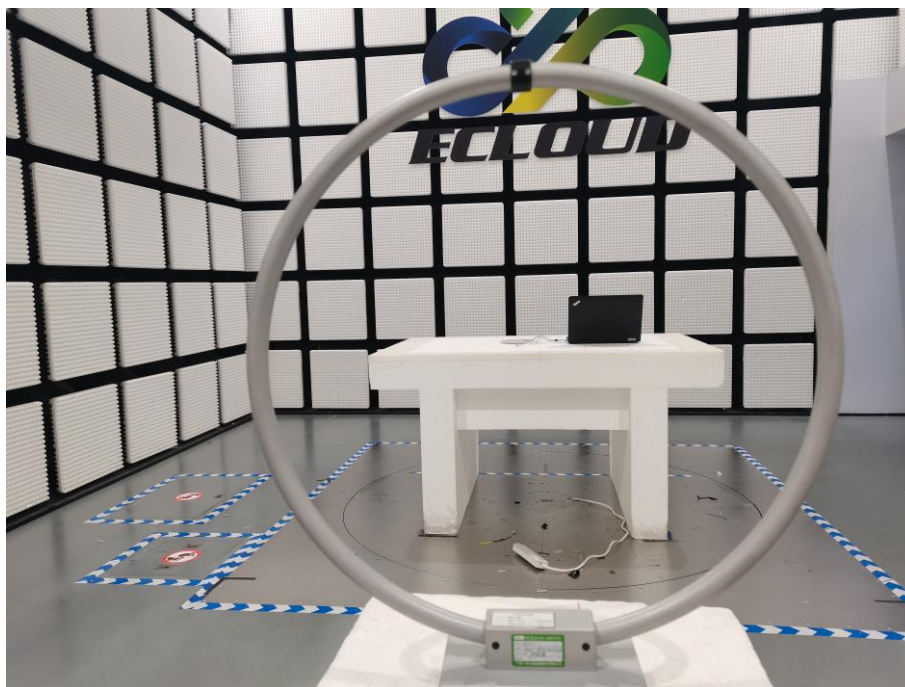


Fig. 1 Radiated emission setup photo(Below 30MHz)



Fig. 2 Radiated emission setup photo(30MHz-1GHz)



Fig. 3 Radiated emission setup photo(Above 1GHz)

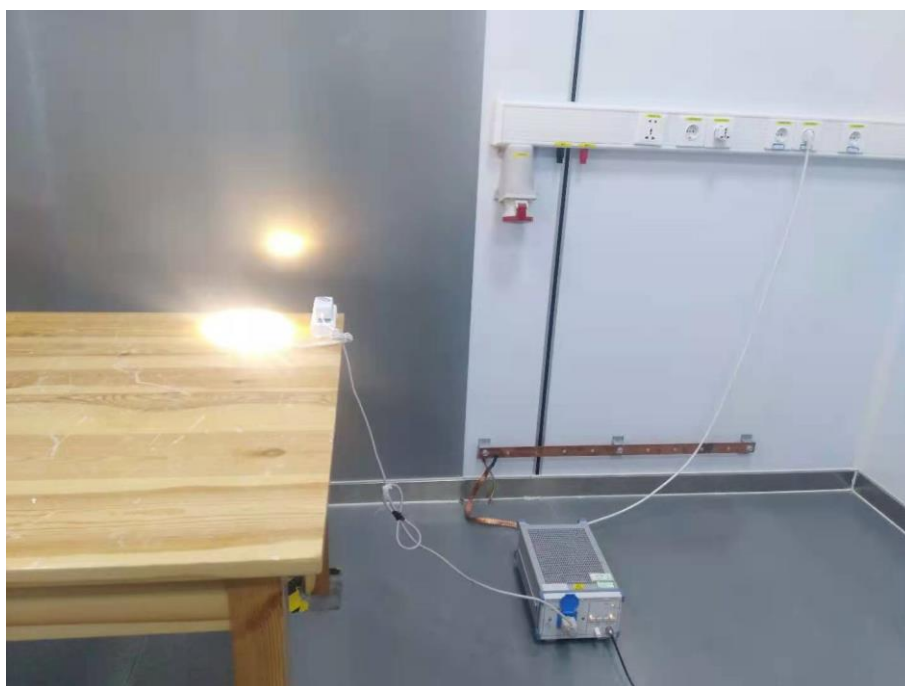


Fig. 4 Power line conducted emission setup photo

-----End of the report-----