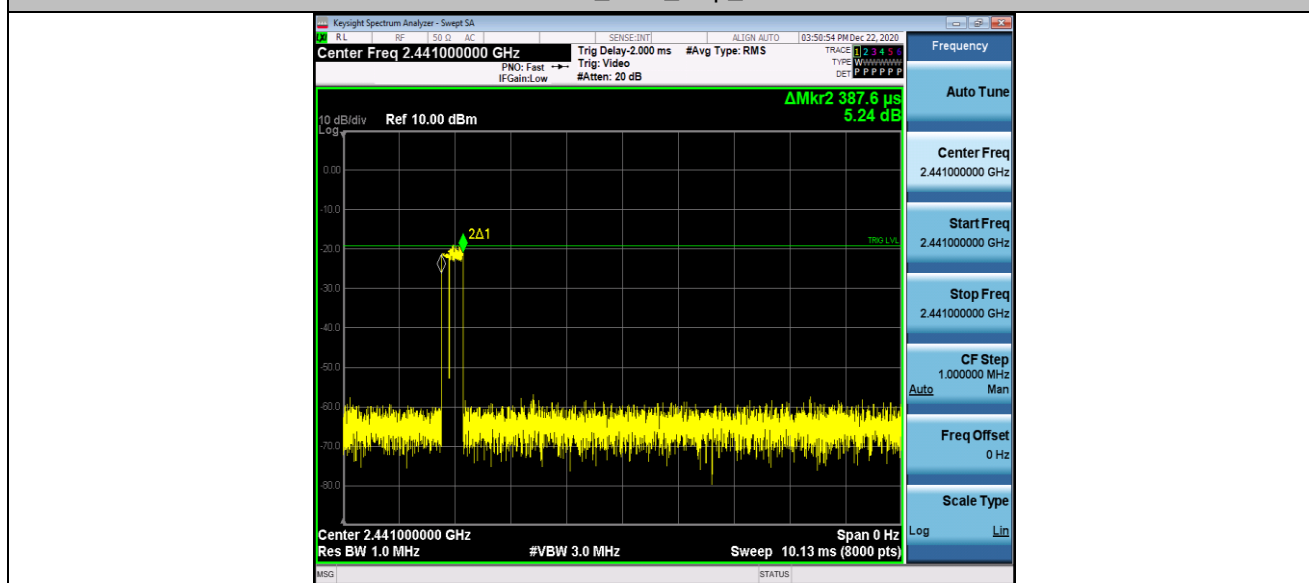
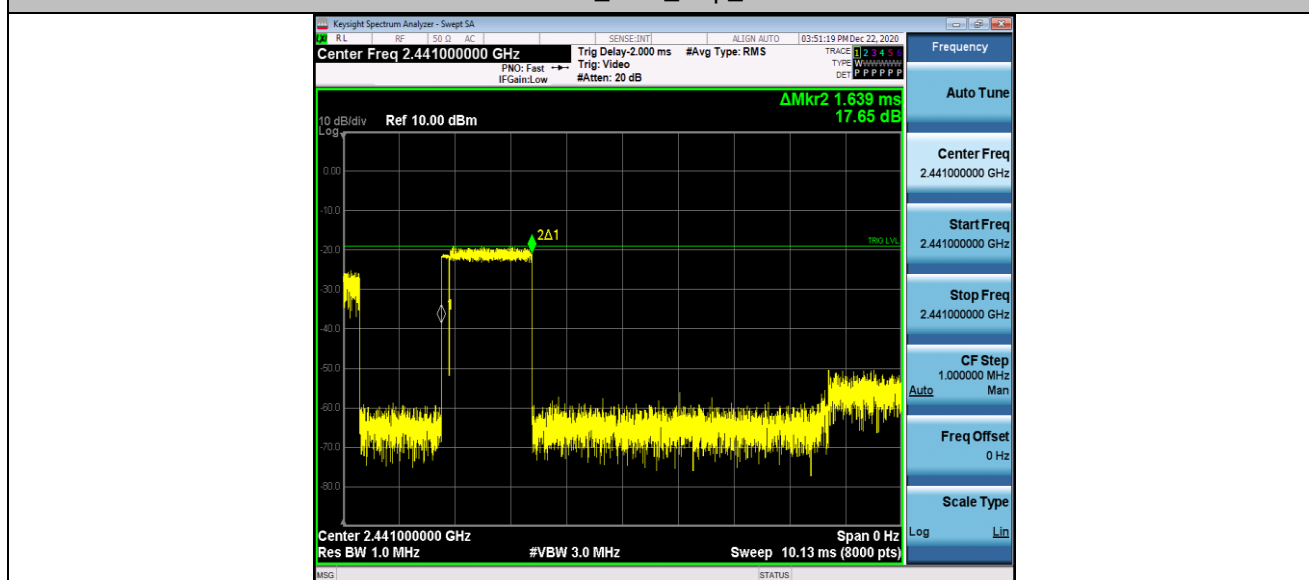


3DH1\_Ant1\_Hop\_2441

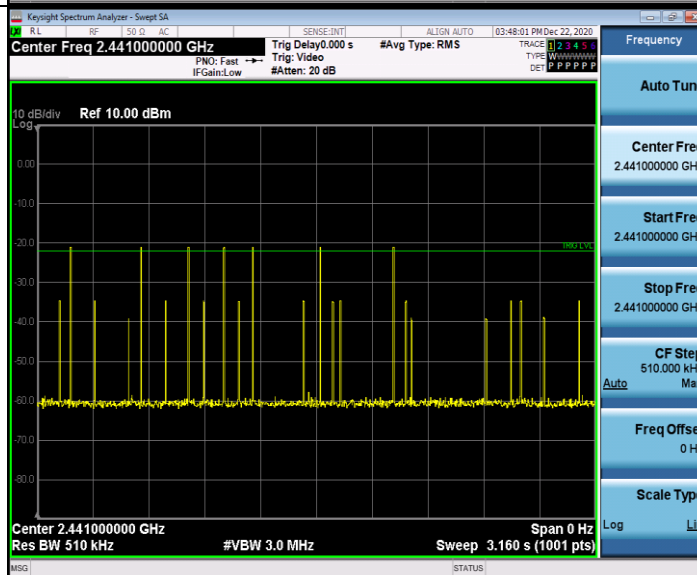
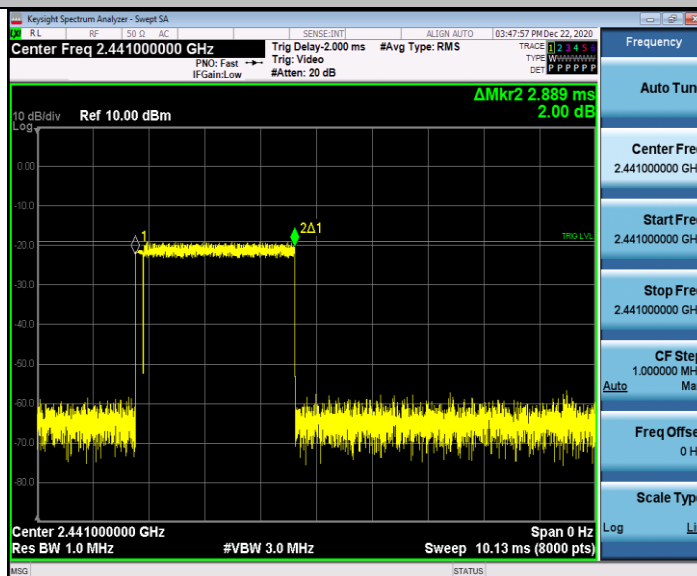




3DH3\_Ant1\_Hop\_2441



3DH5\_Ant1\_Hop\_2441



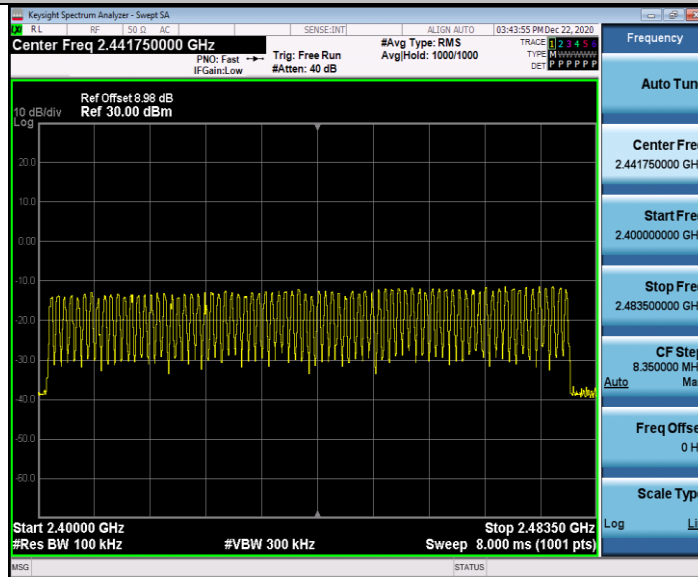
## Appendix F: Number of hopping channels

### Test Result

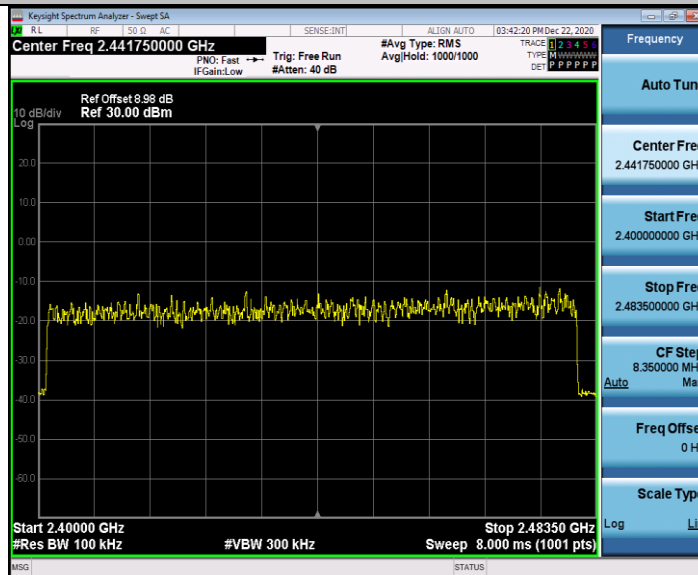
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	$\geq 15$	PASS
2DH5	Ant1	Hop	79	$\geq 15$	PASS
3DH5	Ant1	Hop	79	$\geq 15$	PASS

Test Graphs

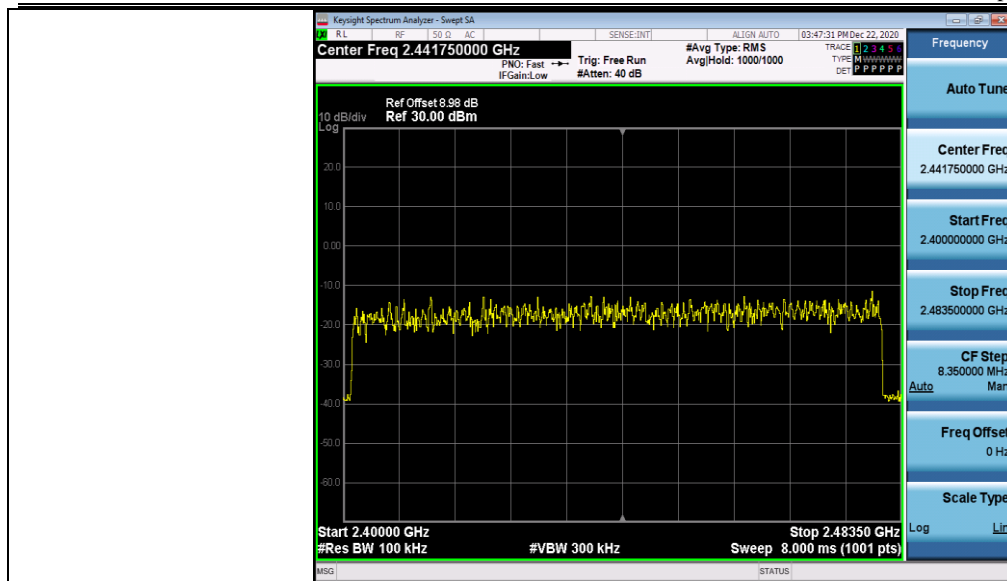
DH5\_Ant1\_Hop



2DH5\_Ant1\_Hop



3DH5\_Ant1\_Hop



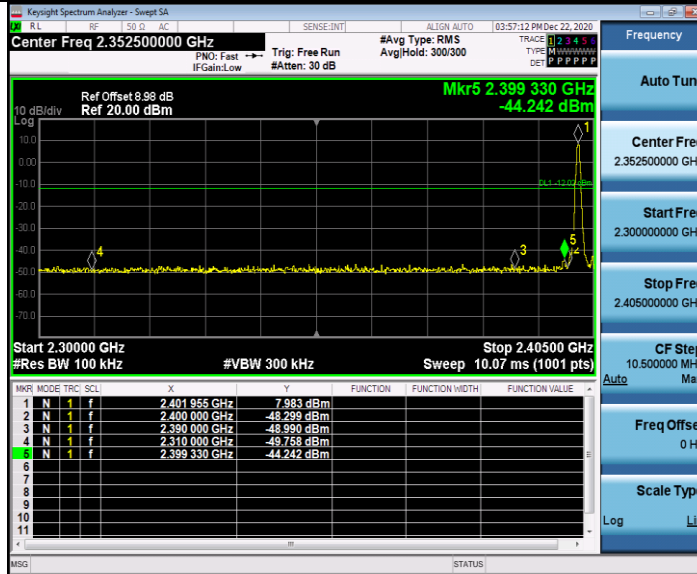
## Appendix G: Band edge measurements

### Test Result

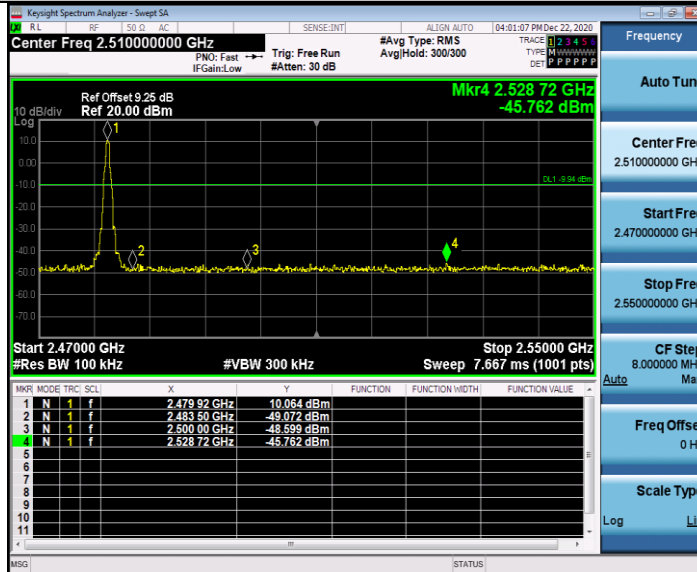
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	7.98	-44.24	<=-12.02	PASS
		High	2480	10.06	-45.76	<=-9.94	PASS
		Low	Hop_2402	7.93	-46.83	<=-12.07	PASS
		High	Hop_2480	9.19	-45.74	<=-10.81	PASS
2DH5	Ant1	Low	2402	7.78	-44.61	<=-12.22	PASS
		High	2480	9.20	-45.65	<=-10.8	PASS
		Low	Hop_2402	4.50	-46.36	<=-15.5	PASS
		High	Hop_2480	10.29	-46.18	<=-9.71	PASS
3DH5	Ant1	Low	2402	7.85	-44.87	<=-12.16	PASS
		High	2480	9.80	-46.28	<=-10.2	PASS
		Low	Hop_2402	6.86	-46.59	<=-13.15	PASS
		High	Hop_2480	6.64	-45.82	<=-13.37	PASS

Test Graphs

DH5\_Ant1\_Low\_2402

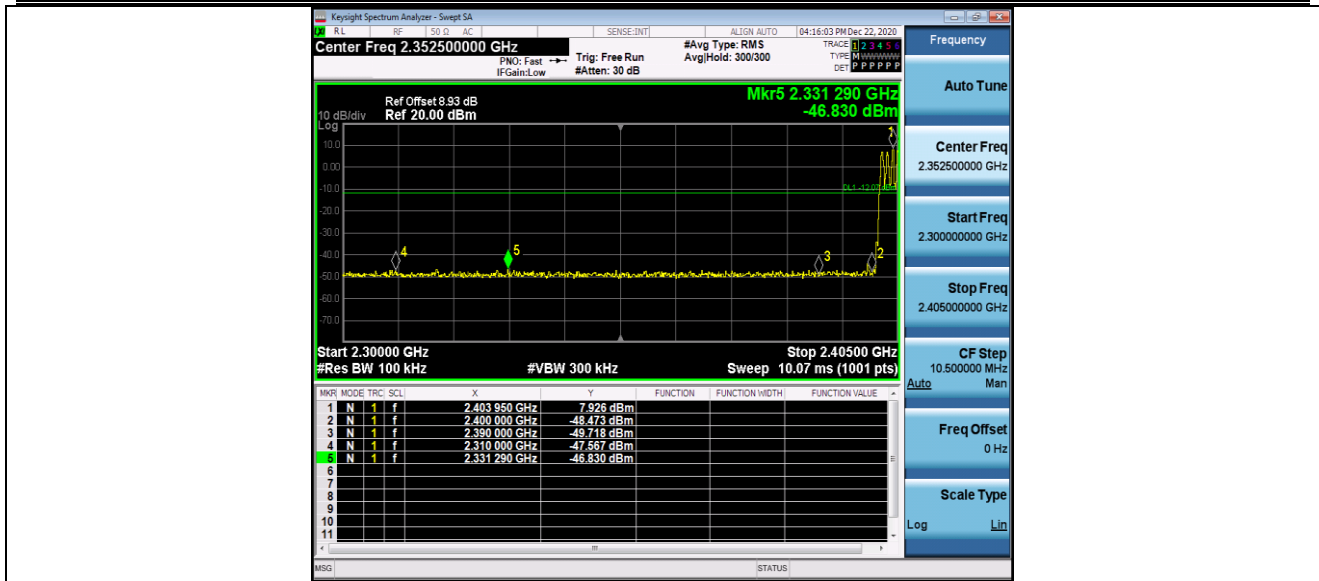


DH5\_Ant1\_High\_2480

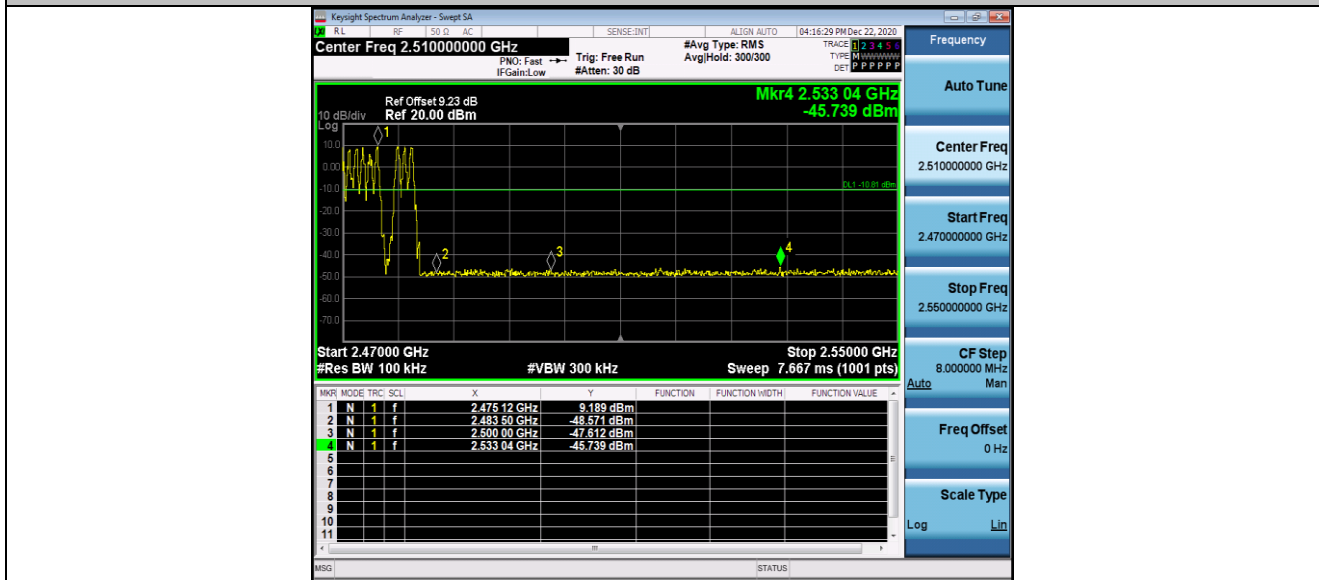


DH5\_Ant1\_Low\_Hop\_2402

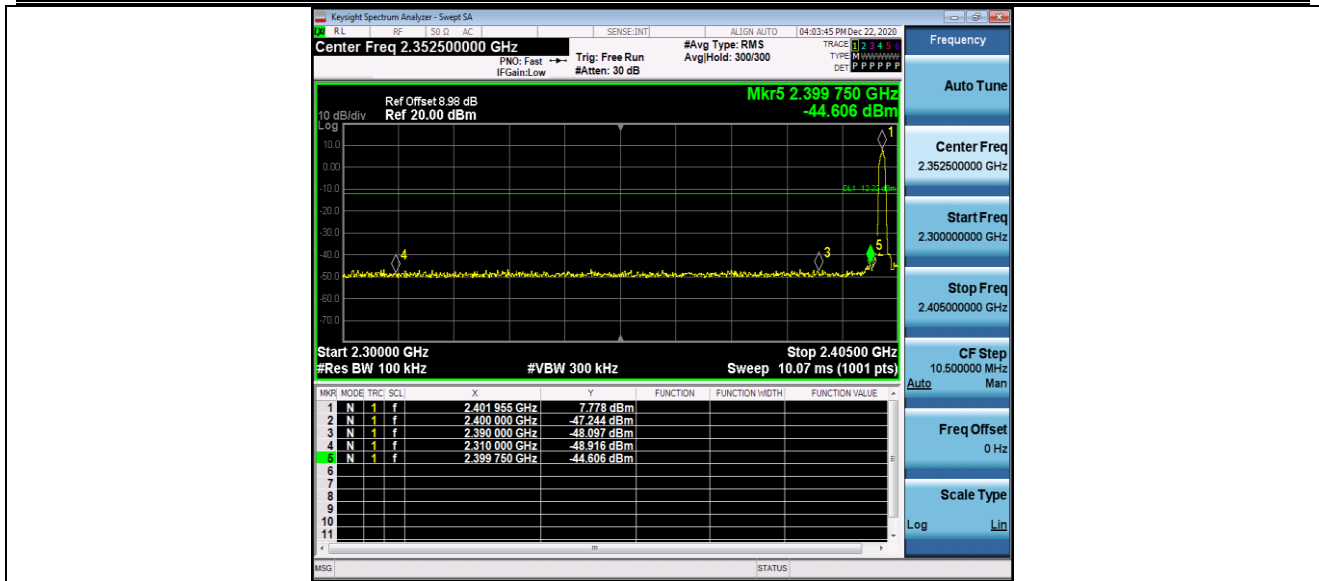




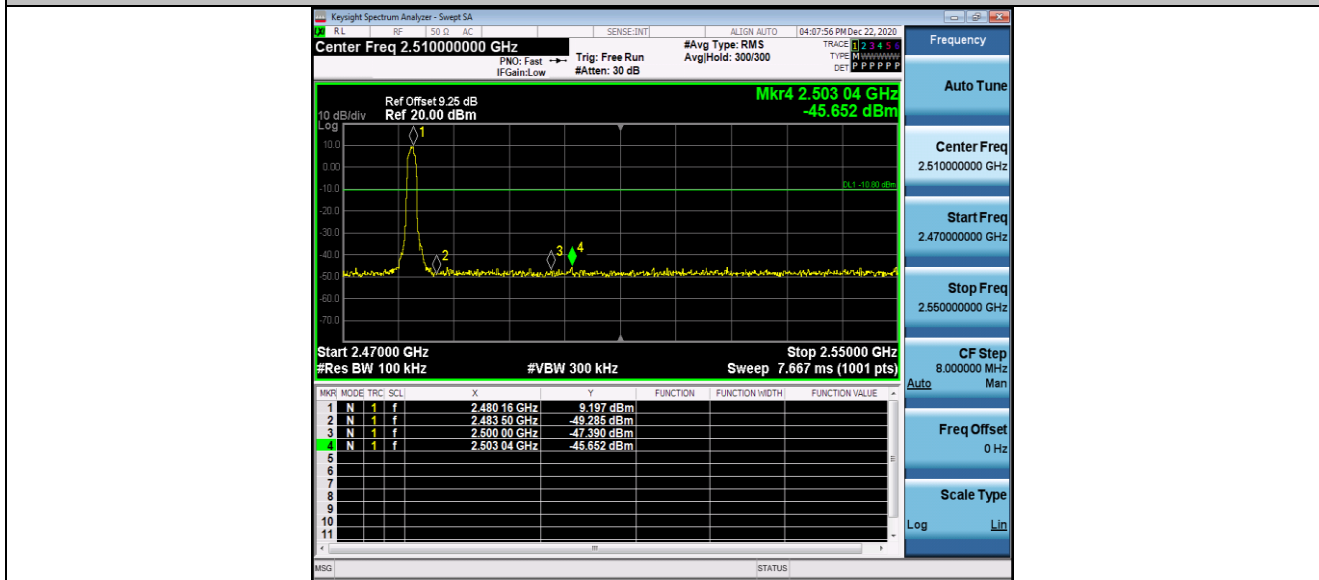
DH5\_Ant1\_High\_Hop\_2480



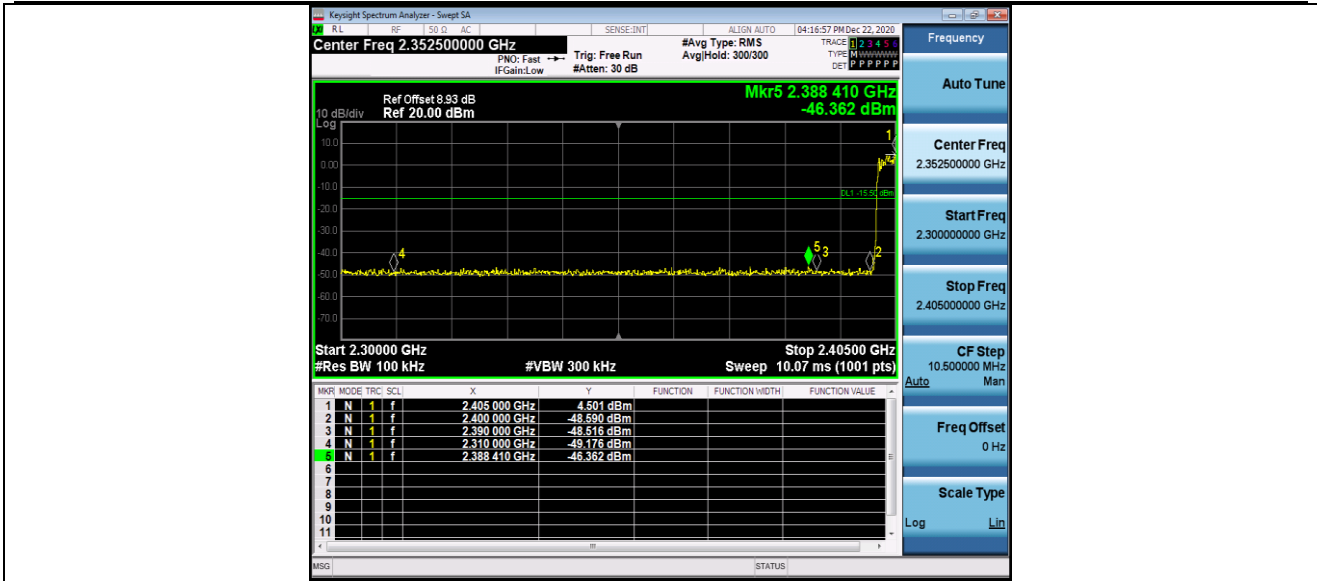
2DH5\_Ant1\_Low\_2402



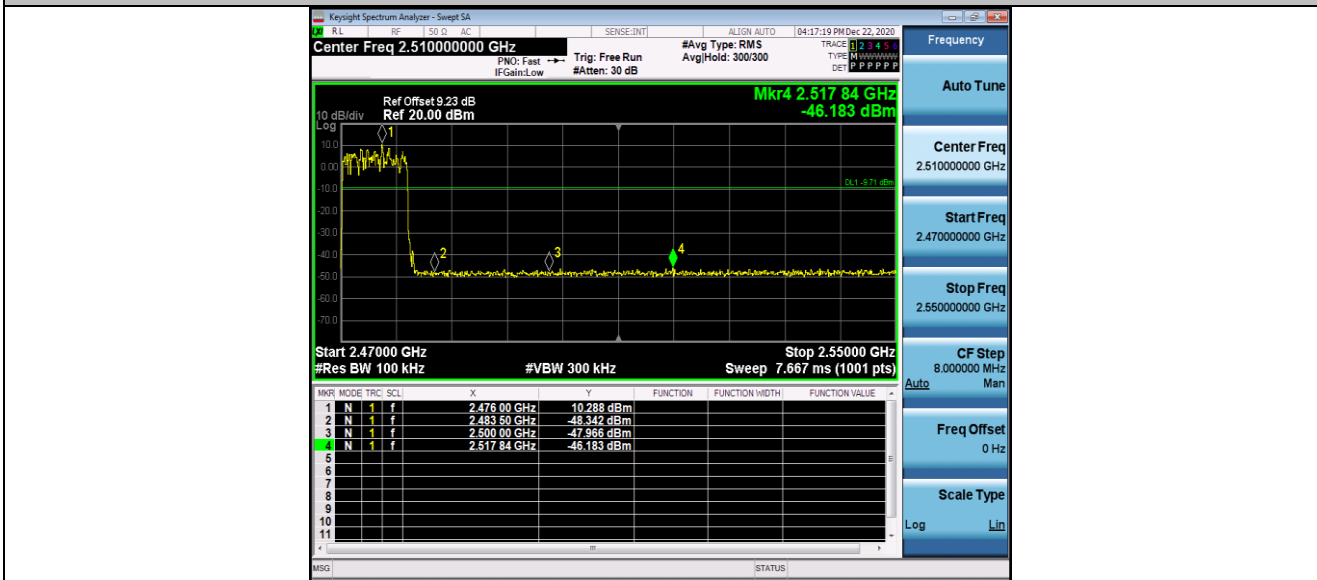
2DH5\_Ant1\_High\_2480



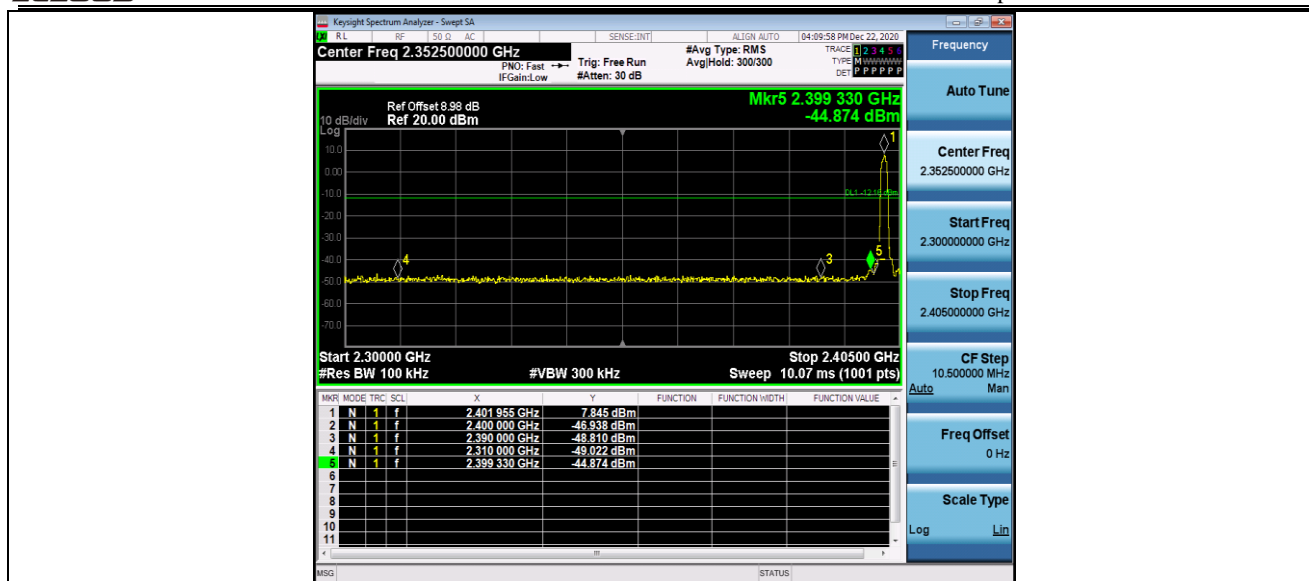
2DH5\_Ant1\_Low\_Hop\_2402



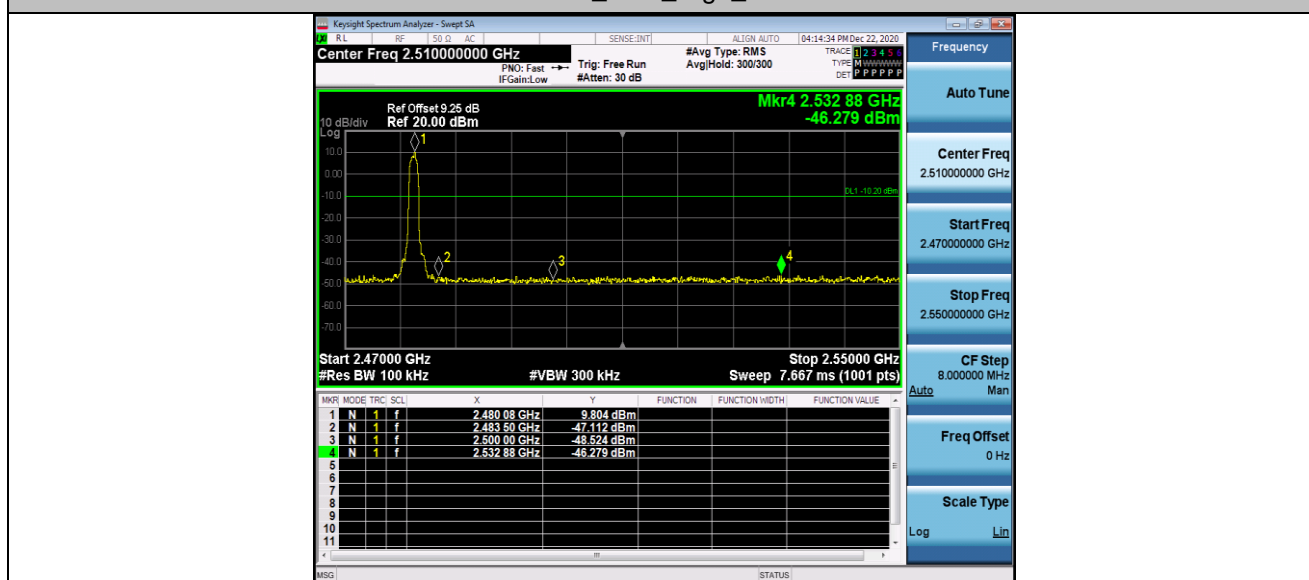
2DH5\_Ant1\_High\_Hop\_2480



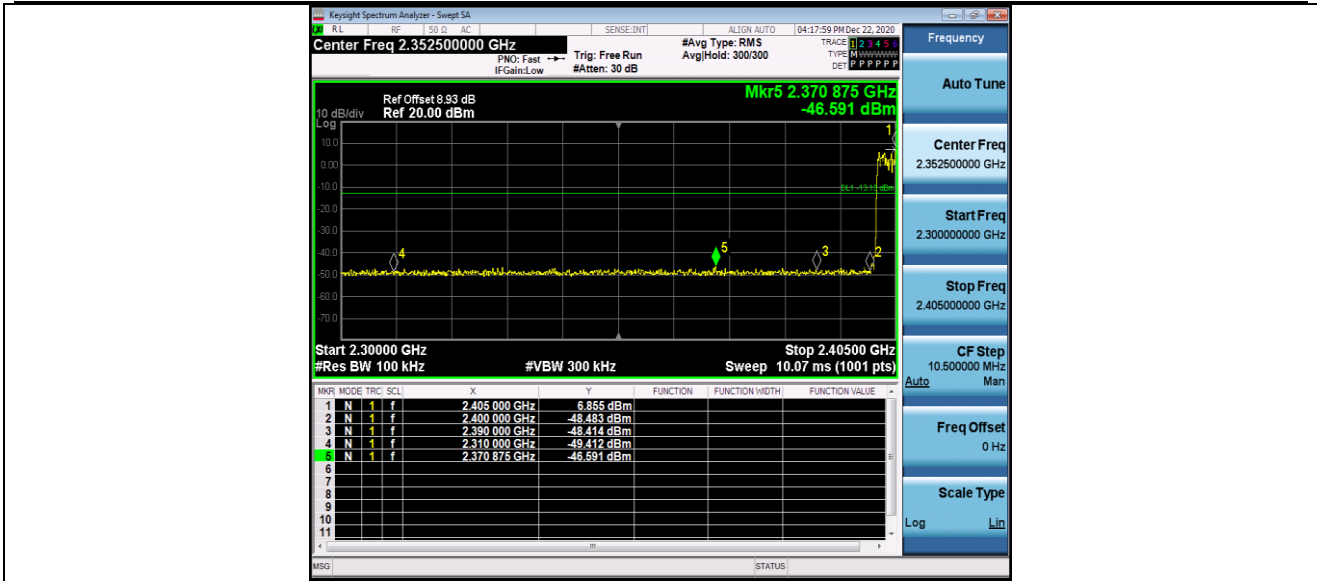
3DH5\_Ant1\_Low\_2402



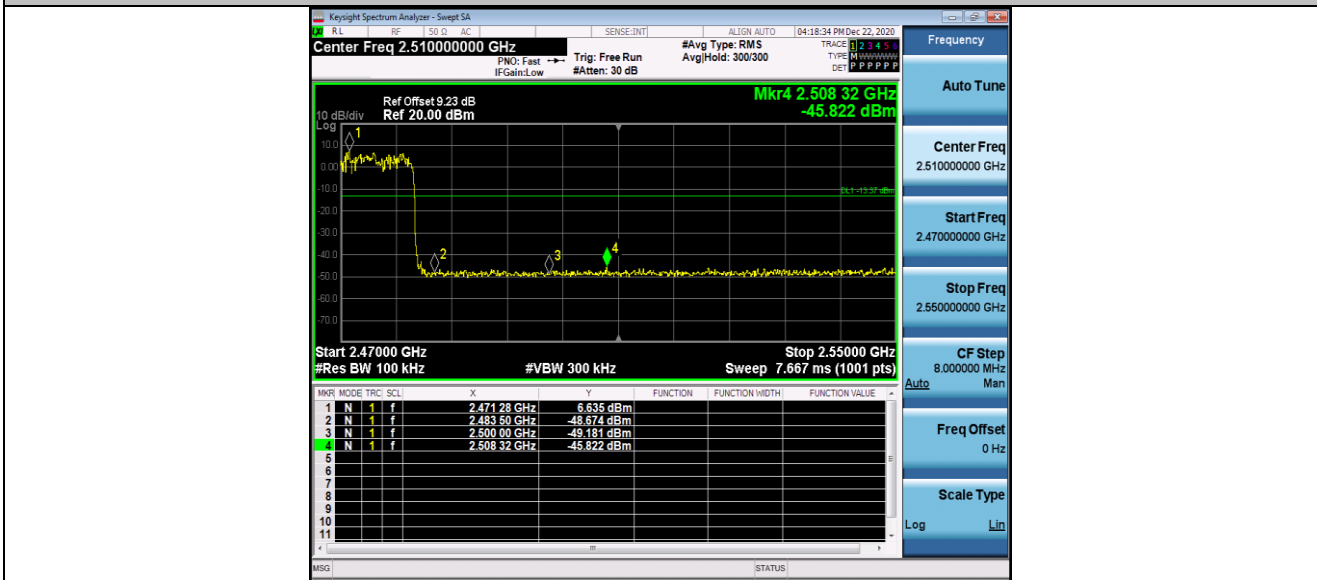
3DH5\_Ant1\_High\_2480



3DH5\_Ant1\_Low\_Hop\_2402



3DH5\_Ant1\_High\_Hop\_2480



## Appendix H: Conducted Spurious Emission

### Test Result

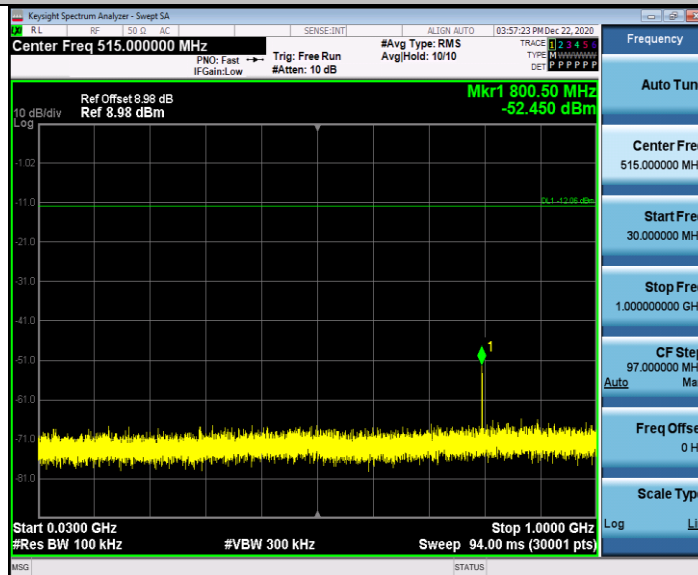
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	7.94	7.94	---	PASS
			30~1000	30~1000	-52.45	<=-12.056	PASS
			1000~26500	1000~26500	-37.43	<=-12.056	PASS
		2441	Reference	8.53	8.53	---	PASS
			30~1000	30~1000	-52.324	<=-11.472	PASS
			1000~26500	1000~26500	-38.887	<=-11.472	PASS
		2480	Reference	9.57	9.57	---	PASS
			30~1000	30~1000	-52.147	<=-10.425	PASS
			1000~26500	1000~26500	-40.121	<=-10.425	PASS
2DH5	Ant1	2402	Reference	7.40	7.40	---	PASS
			30~1000	30~1000	-54.437	<=-12.603	PASS
			1000~26500	1000~26500	-37.129	<=-12.603	PASS
		2441	Reference	8.06	8.06	---	PASS
			30~1000	30~1000	-54.133	<=-11.941	PASS
			1000~26500	1000~26500	-38.682	<=-11.941	PASS
		2480	Reference	9.85	9.85	---	PASS
			30~1000	30~1000	-65.787	<=-10.15	PASS
			1000~26500	1000~26500	-40.062	<=-10.15	PASS
3DH5	Ant1	2402	Reference	7.33	7.33	---	PASS
			30~1000	30~1000	-55.605	<=-12.67	PASS
			1000~26500	1000~26500	-37.446	<=-12.67	PASS
		2441	Reference	9.10	9.10	---	PASS
			30~1000	30~1000	-55.545	<=-10.905	PASS
			1000~26500	1000~26500	-38.587	<=-10.905	PASS
		2480	Reference	9.43	9.43	---	PASS
			30~1000	30~1000	-52.387	<=-10.571	PASS
			1000~26500	1000~26500	-40.375	<=-10.571	PASS

Test Graphs

DH5\_Ant1\_2402\_0~Reference



DH5\_Ant1\_2402\_30~1000



DH5\_Ant1\_2402\_1000~26500

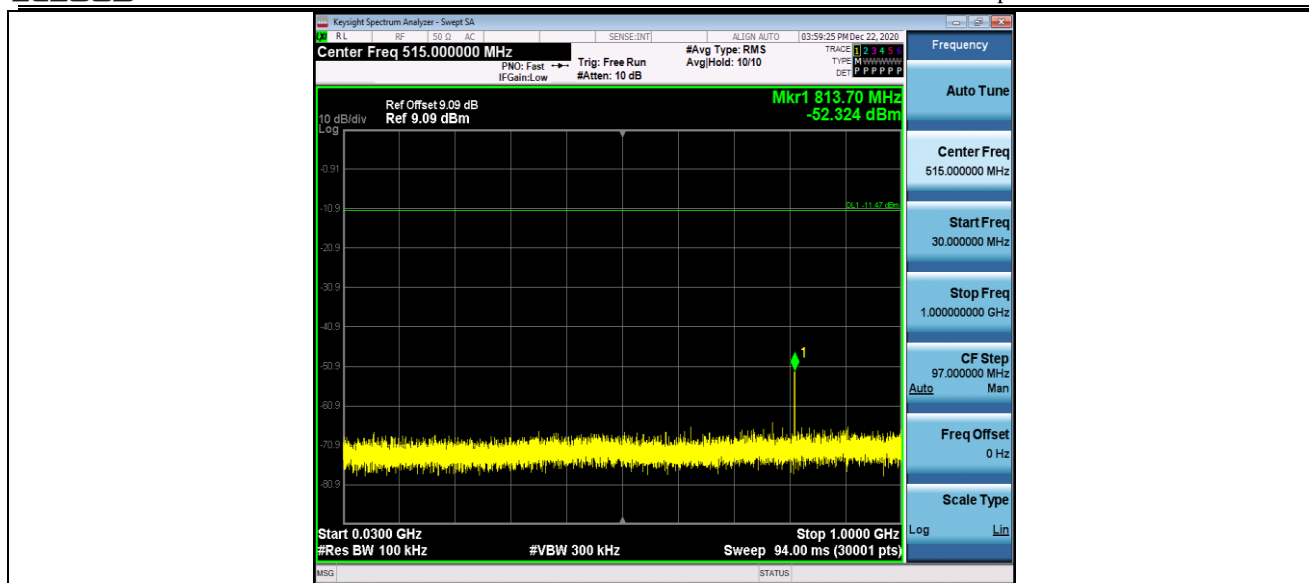


DH5\_Ant1\_2441\_0~Reference



DH5\_Ant1\_2441\_30~1000





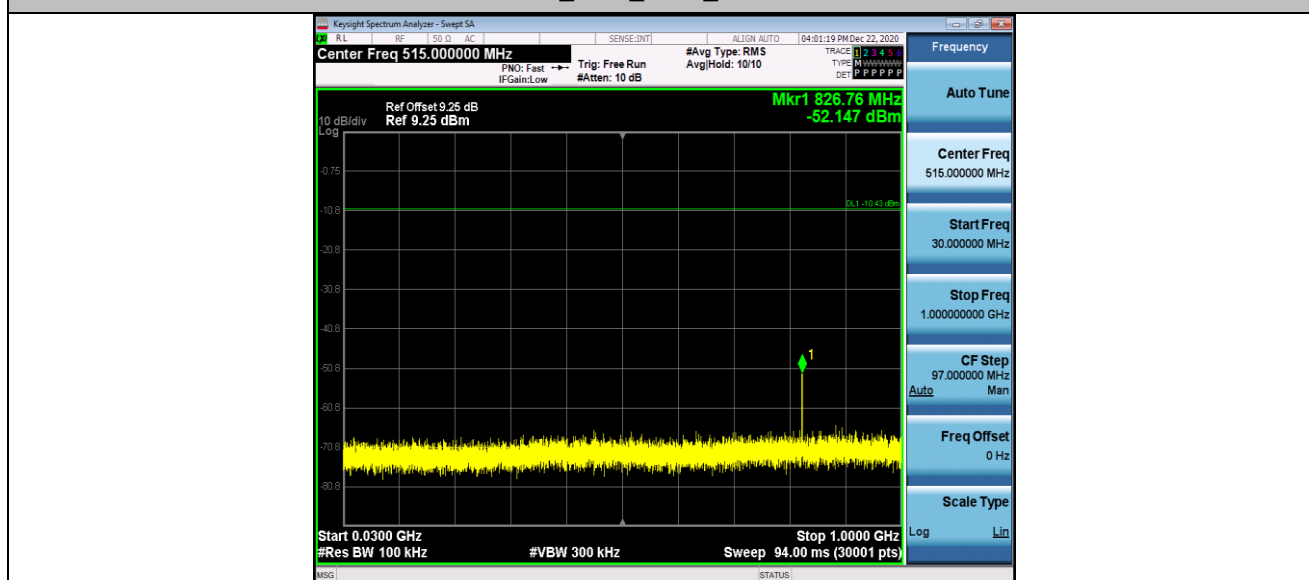
DH5\_Ant1\_2441\_1000~26500



DH5\_Ant1\_2480\_0~Reference



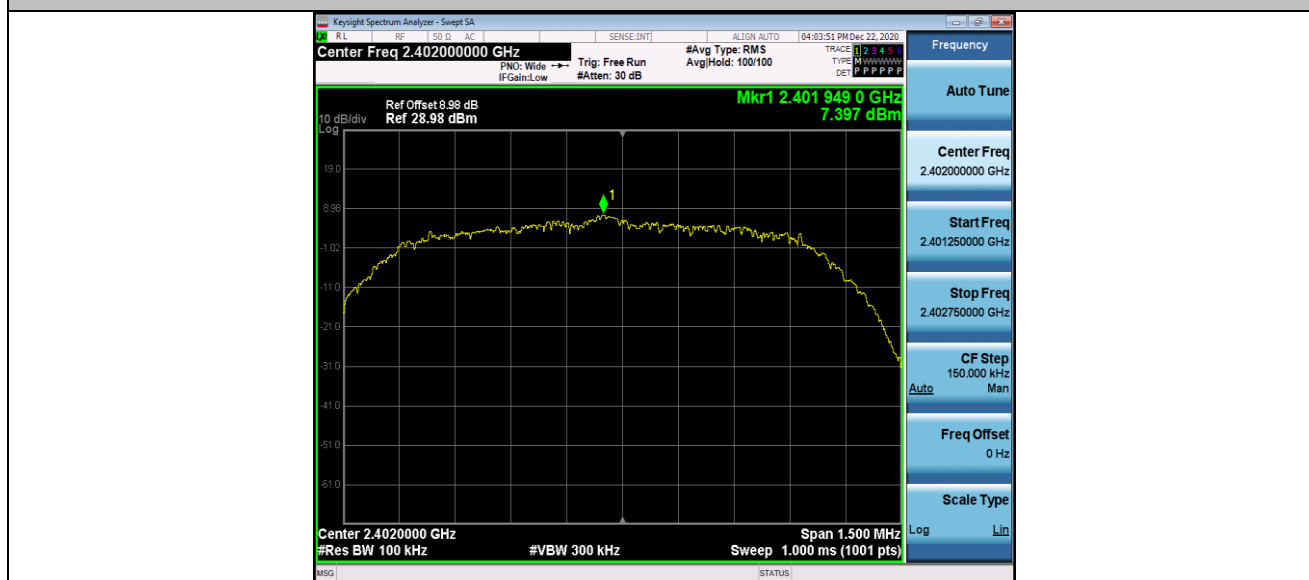
DH5\_Ant1\_2480\_30~1000



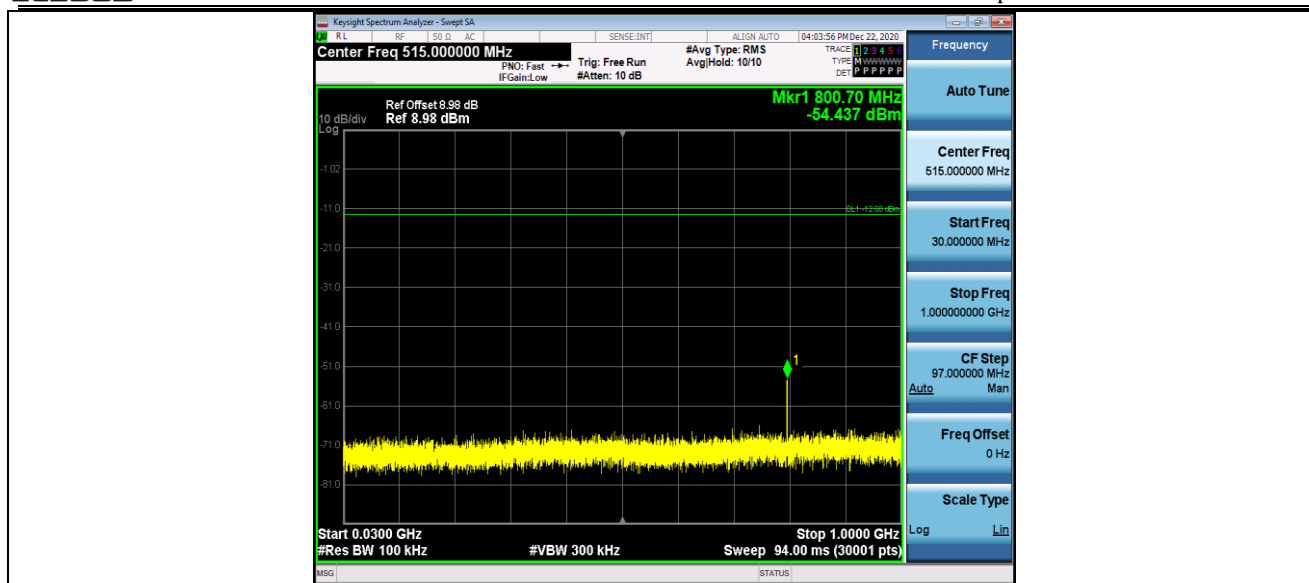
DH5\_Ant1\_2480\_1000~26500



2DH5\_Ant1\_2402\_0~Reference



2DH5\_Ant1\_2402\_30~1000



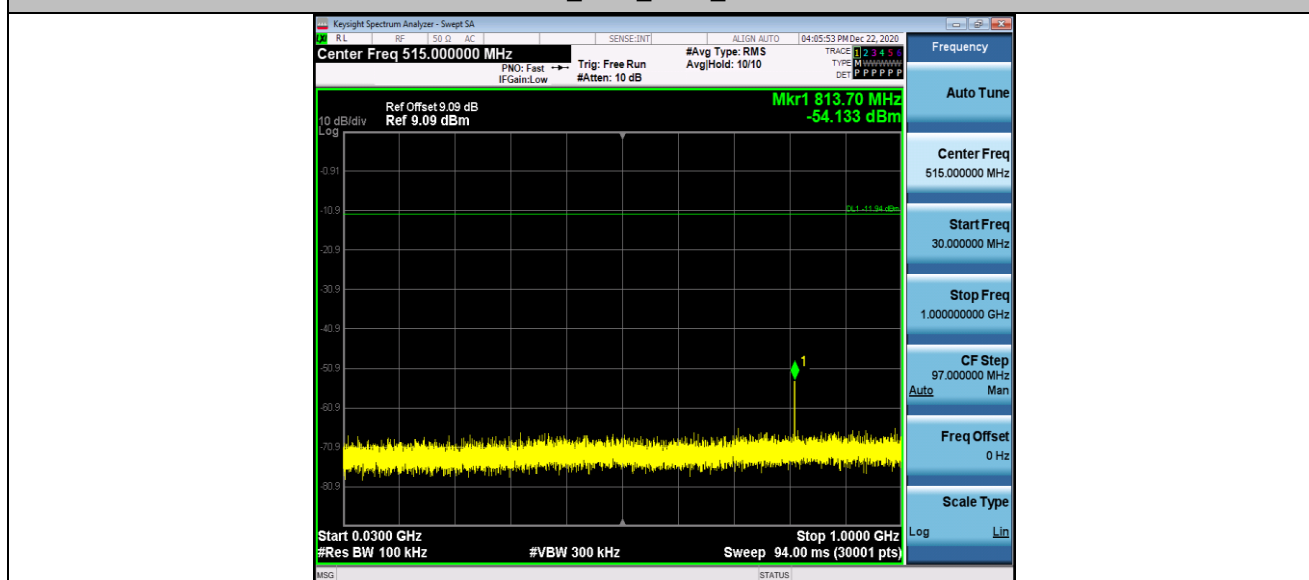
2DH5\_Ant1\_2402\_1000~26500



2DH5\_Ant1\_2441\_0~Reference



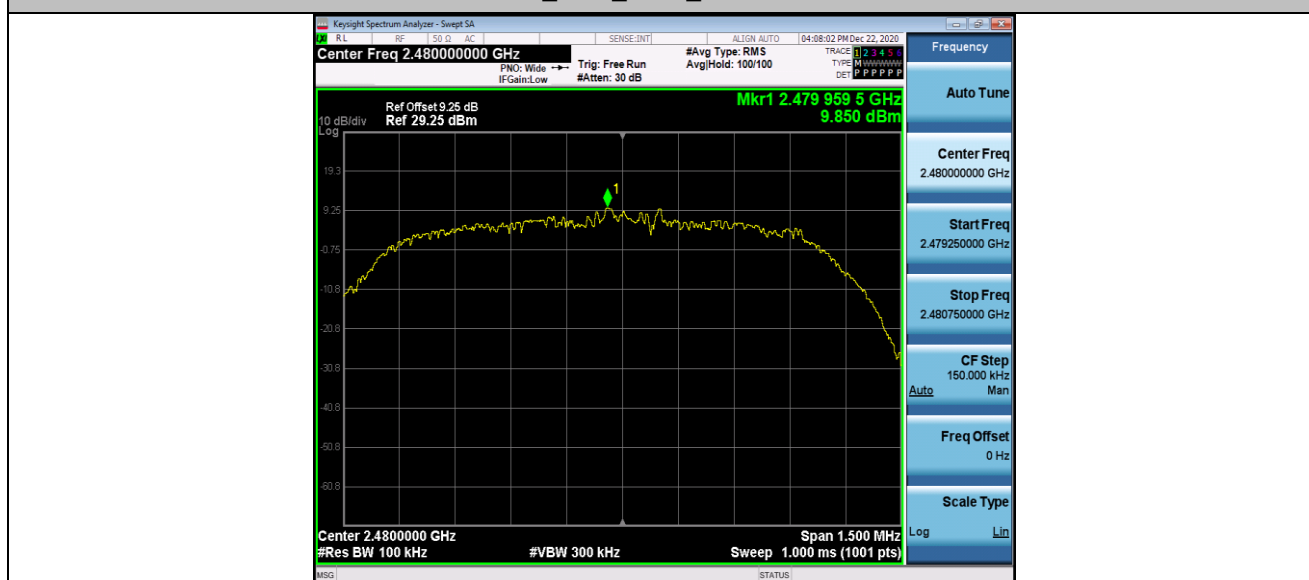
2DH5\_Ant1\_2441\_30~1000



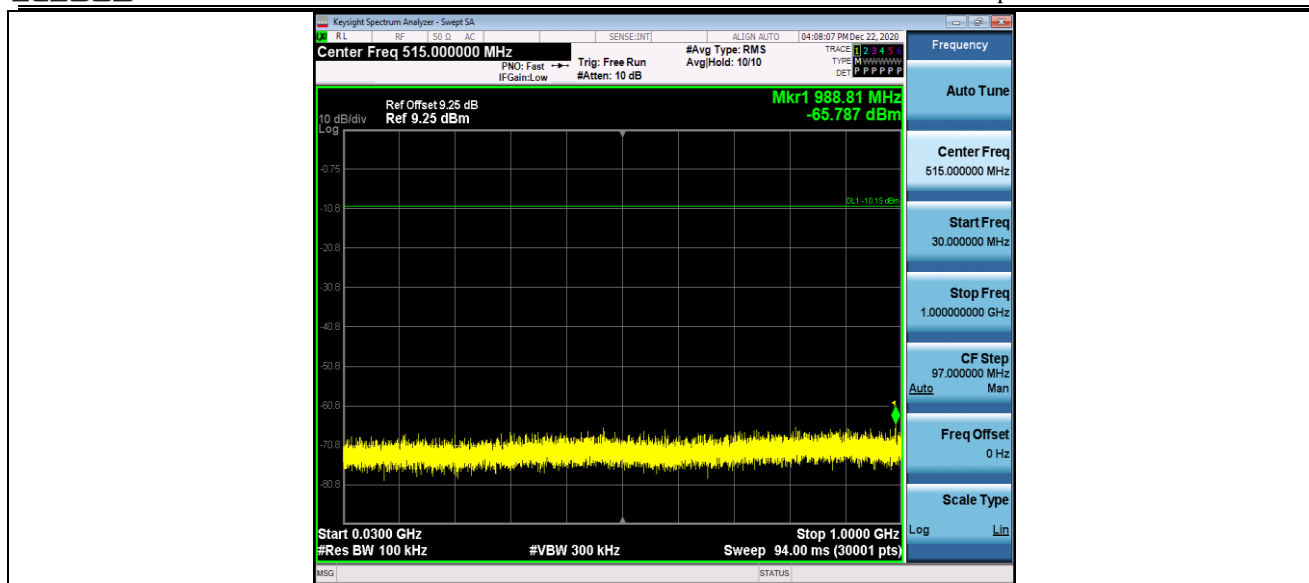
2DH5\_Ant1\_2441\_1000~26500



2DH5\_Ant1\_2480\_0~Reference



2DH5\_Ant1\_2480\_30~1000



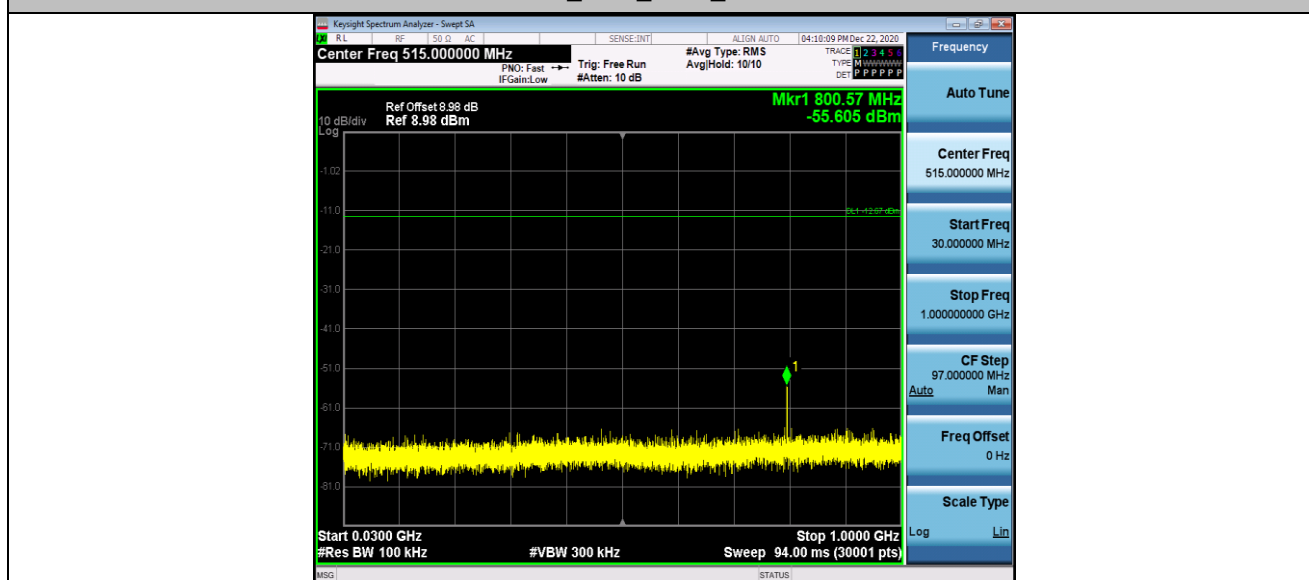
2DH5\_Ant1\_2480\_1000~26500



3DH5\_Ant1\_2402\_0~Reference



3DH5\_Ant1\_2402\_30~1000



3DH5\_Ant1\_2402\_1000~26500

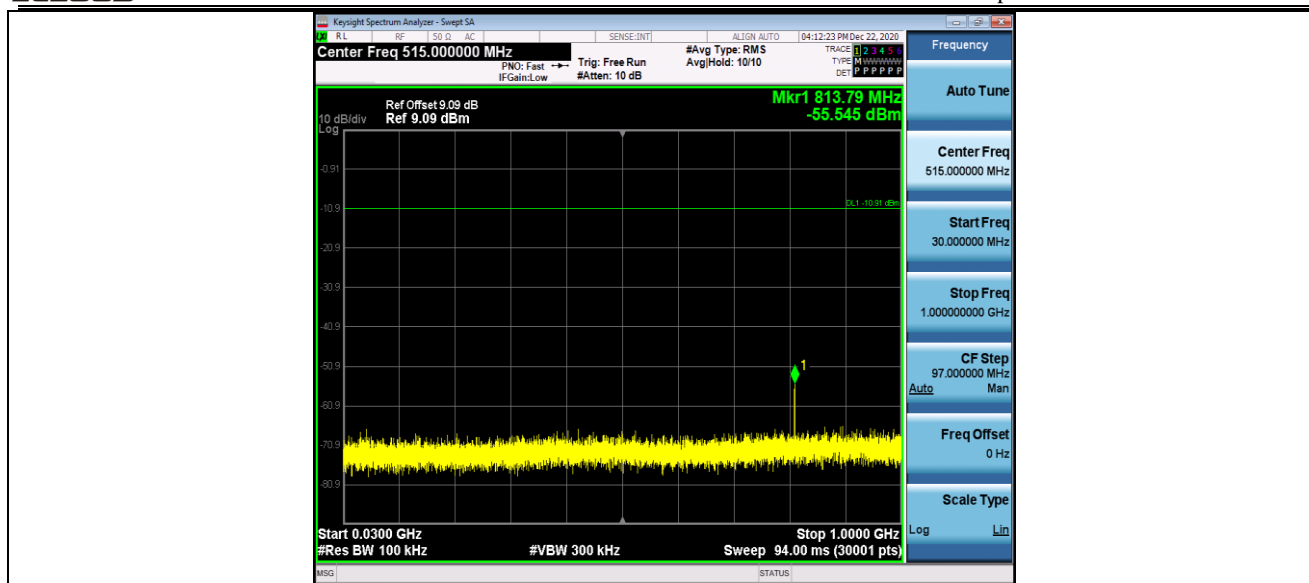




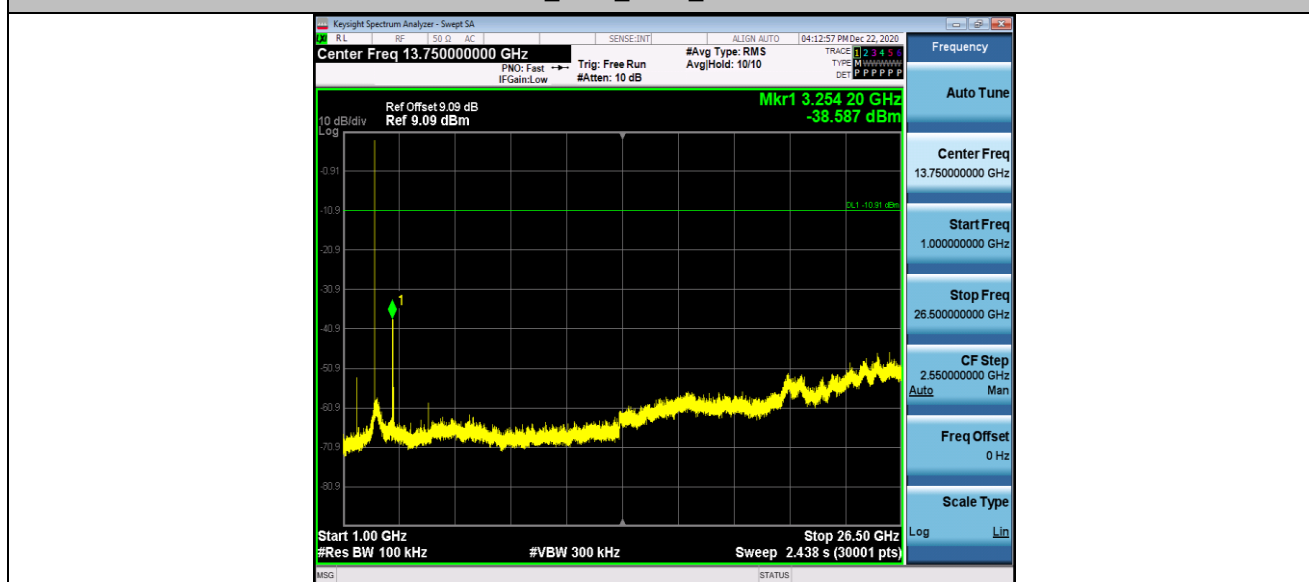
3DH5\_Ant1\_2441\_0~Reference



3DH5\_Ant1\_2441\_30~1000



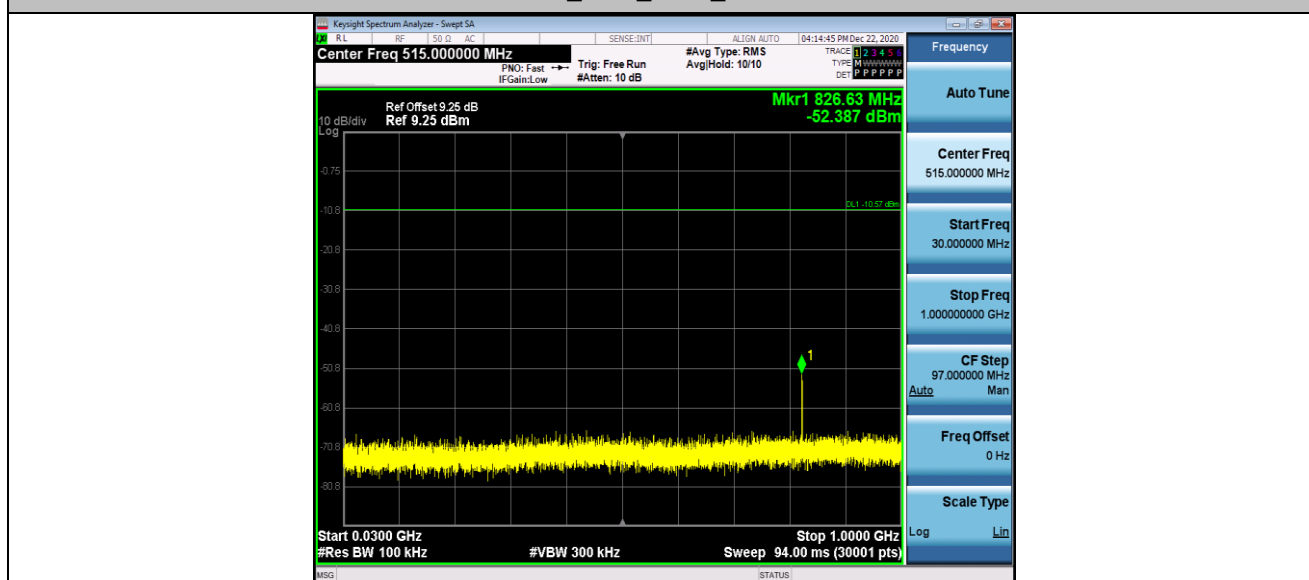
3DH5\_Ant1\_2441\_1000~26500



3DH5\_Ant1\_2480\_0~Reference



3DH5\_Ant1\_2480\_30~1000



3DH5\_Ant1\_2480\_1000~26500



## Appendix I. Setup Photographs

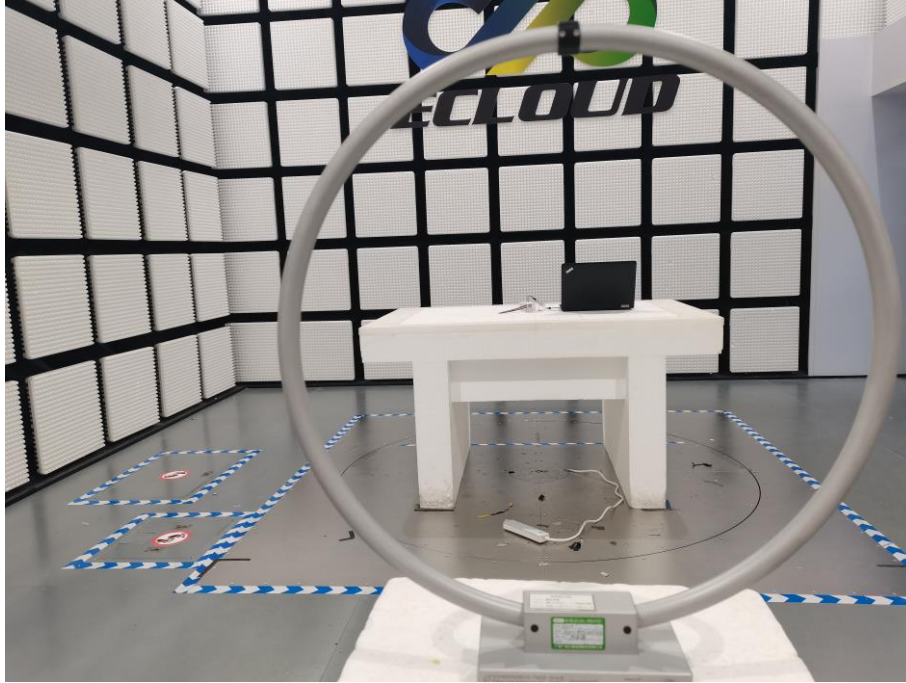


Fig. 1 Radiated emission setup photo(Below 30MHz)

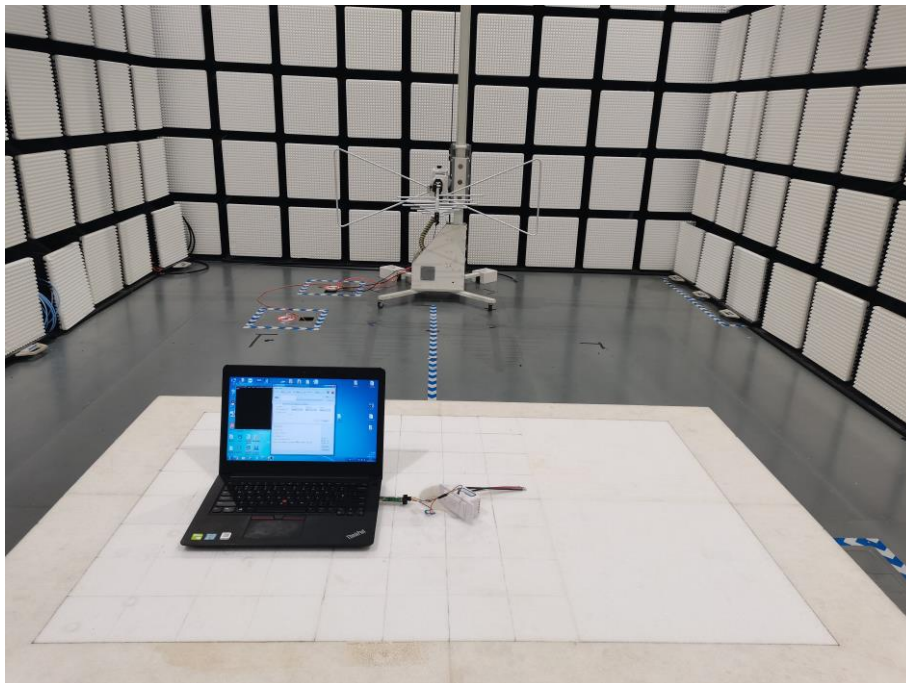


Fig. 2 Radiated emission setup photo(30MHz-1GHz)

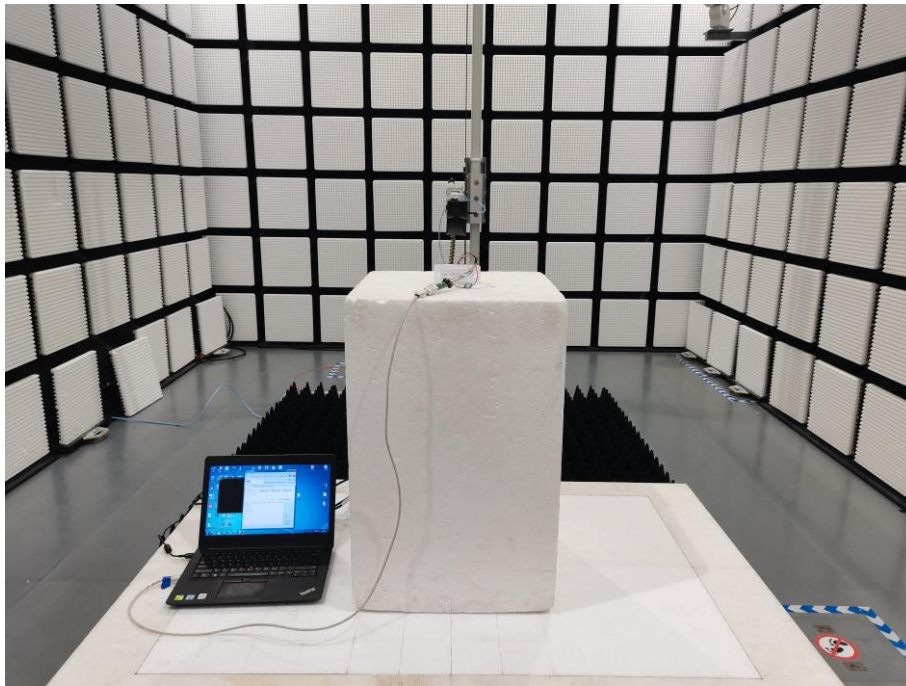


Fig. 3 Radiated emission setup photo(Above 1GHz)



Fig. 4 Power line conducted emission setup photo

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