

APPENDIX 1

RF TEST DATA

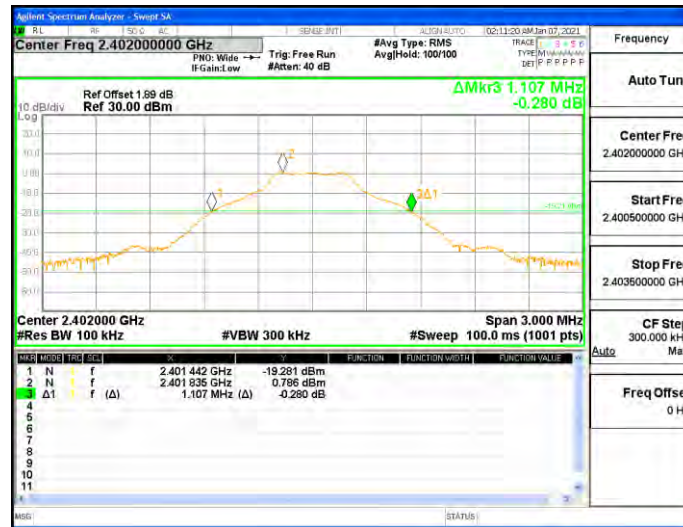
1.1 APPENDIX A: 20DB EMISSION BANDWIDTH

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.107	2401.442	2402.549	---	PASS
		2441	1.101	2440.448	2441.549	---	PASS
		2480	1.101	2479.445	2480.546	---	PASS
2DH1	Ant1	2402	1.377	2401.304	2402.681	---	PASS
		2441	1.380	2440.304	2441.684	---	PASS
		2480	1.380	2479.304	2480.684	---	PASS
3DH1	Ant1	2402	1.362	2401.313	2402.675	---	PASS
		2441	1.365	2440.313	2441.678	---	PASS
		2480	1.368	2479.310	2480.678	---	PASS

Test Graphs

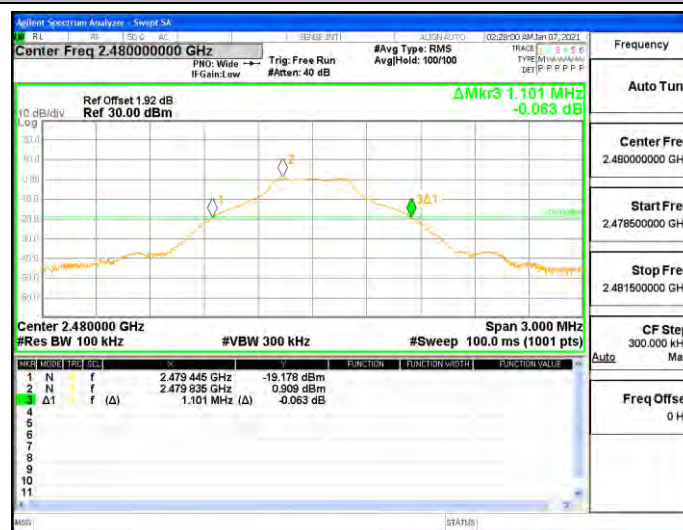
DH1_Ant1_2402



DH1_Ant1_2441



DH1_Ant1_2480



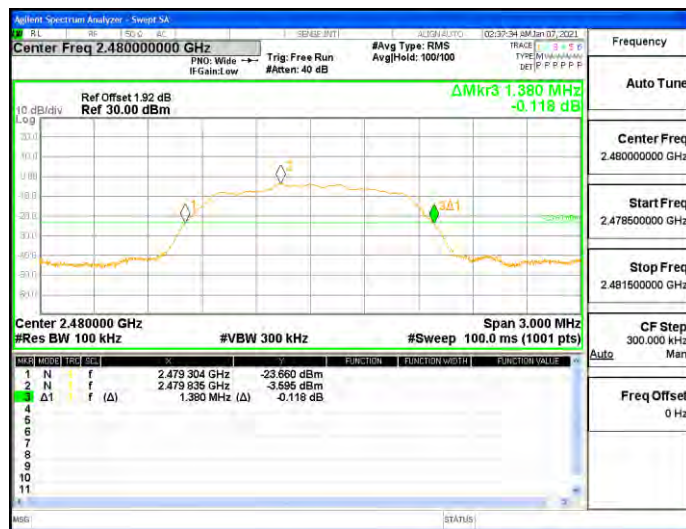
2DH1_Ant1_2402



2DH1_Ant1_2441



2DH1_Ant1_2480



3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



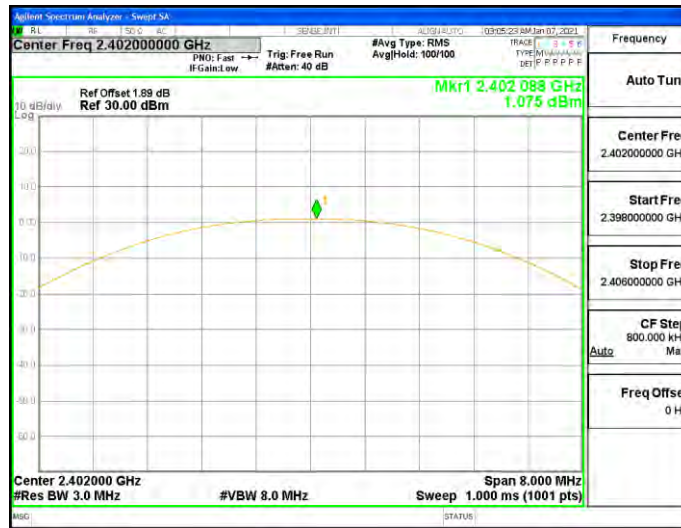
1.2 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

Test Result

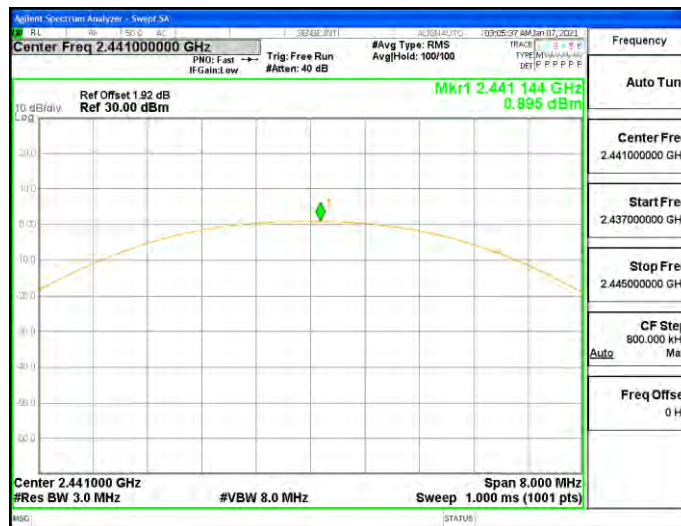
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	1.08	<=20.97	PASS
		2441	0.9	<=20.97	PASS
		2480	1.13	<=20.97	PASS
2DH1	Ant1	2402	-0.78	<=20.97	PASS
		2441	-1.05	<=20.97	PASS
		2480	-0.82	<=20.97	PASS
3DH1	Ant1	2402	-0.3	<=20.97	PASS
		2441	-0.43	<=20.97	PASS
		2480	-0.26	<=20.97	PASS

Test Graphs

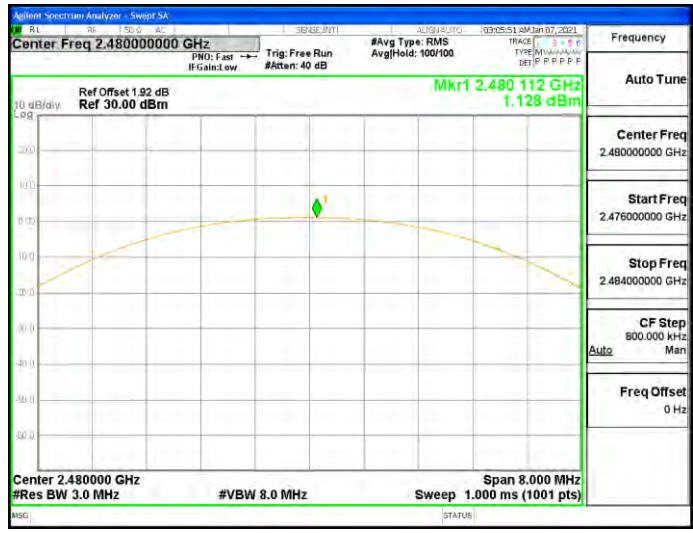
DH1_Ant1_2402



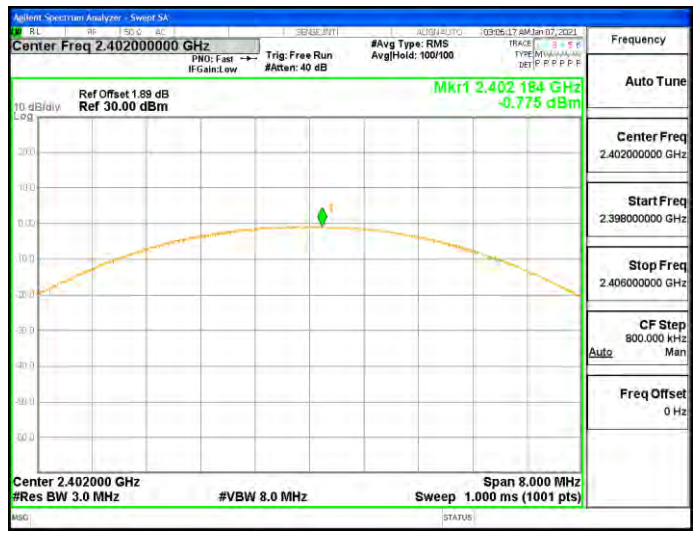
DH1_Ant1_2441



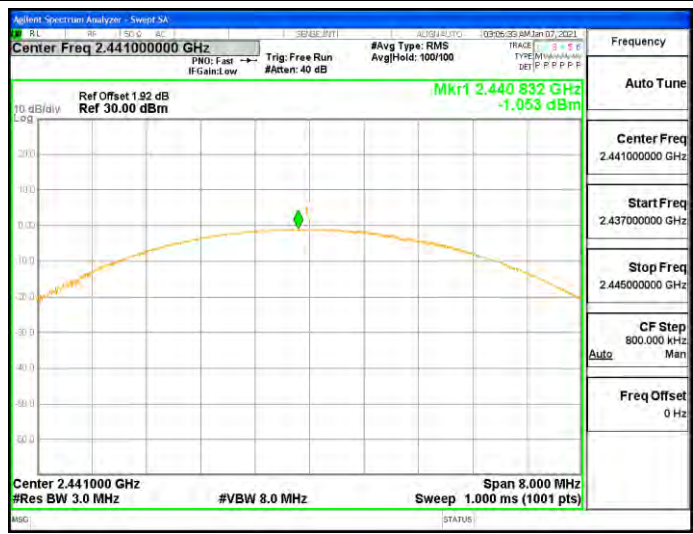
DH1_Ant1_2480



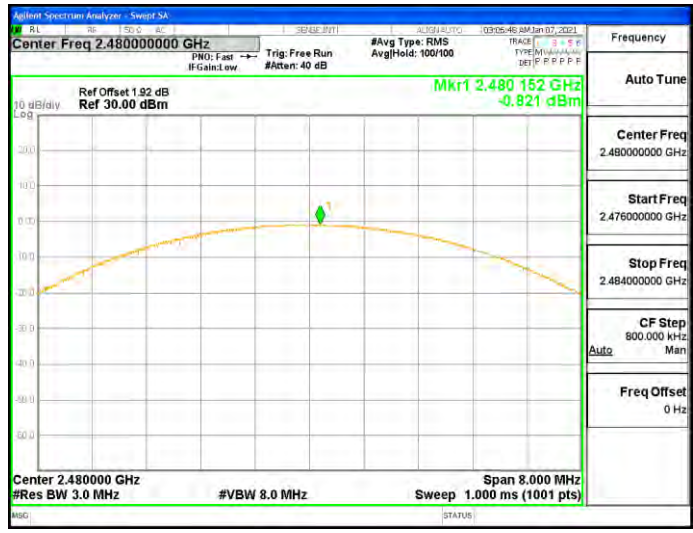
2DH1_Ant1_2402



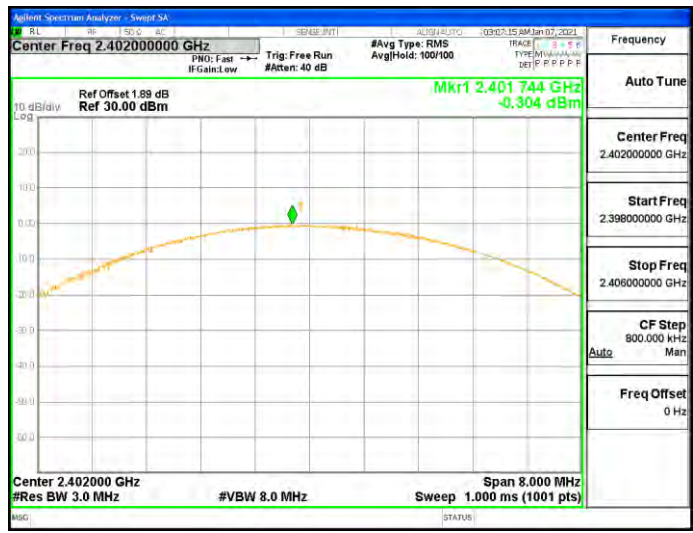
2DH1_Ant1_2441



2DH1_Ant1_2480



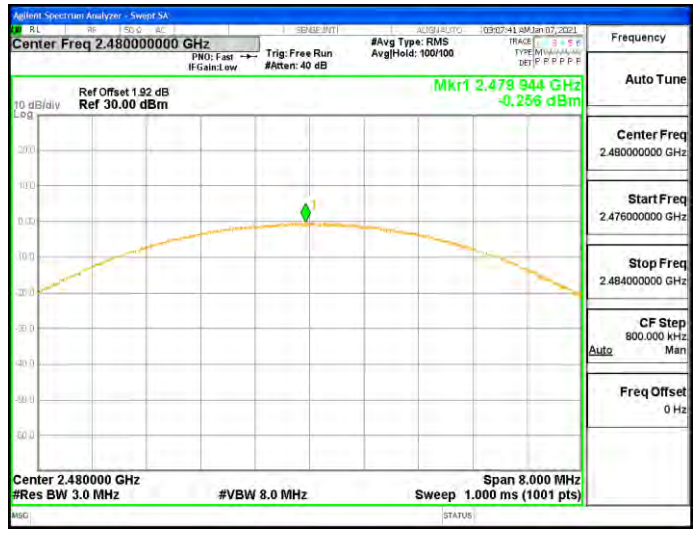
3DH1_Ant1_2402



3DH1_Ant1_2441



3DH1_Ant1_2480



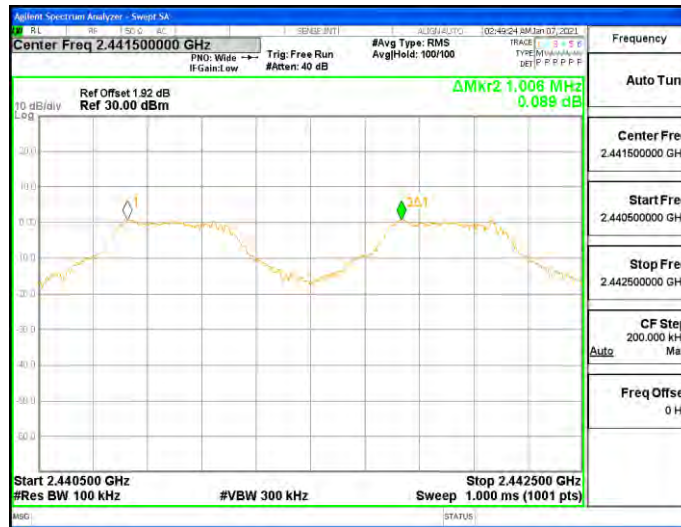
1.3 APPENDIX D: CARRIER FREQUENCY SEPARATION

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Hop	1.006	≥ 0.738	PASS
2DH1	Ant1	Hop	0.998	≥ 0.920	PASS
3DH1	Ant1	Hop	1	≥ 0.912	PASS

Test Graphs

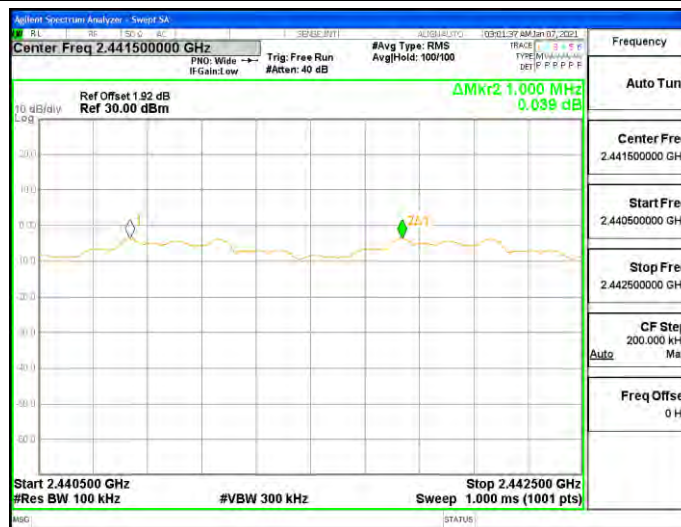
DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop



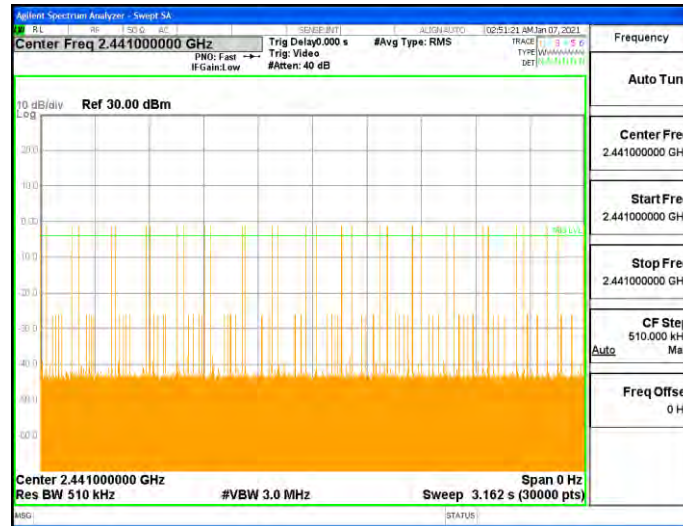
1.4 APPENDIX E: TIME OF OCCUPANCY

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	160	0.262	<=0.4	PASS
DH5	Ant1	Hop	2.89	60	0.173	<=0.4	PASS

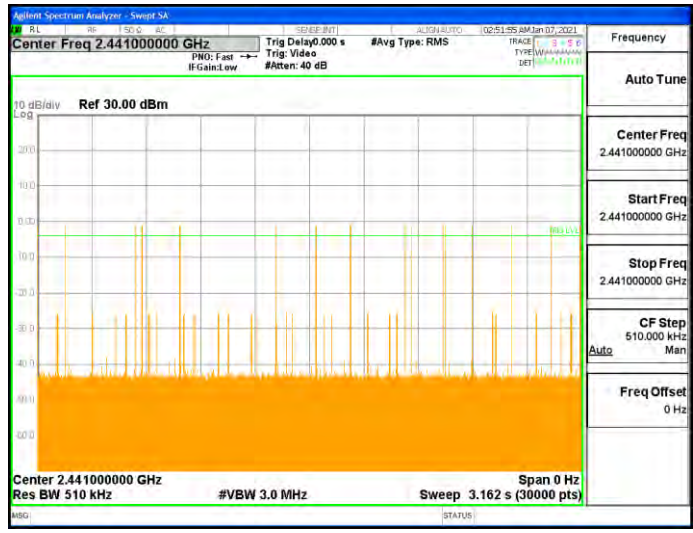
Test Graphs

DH1_Ant1_Hop

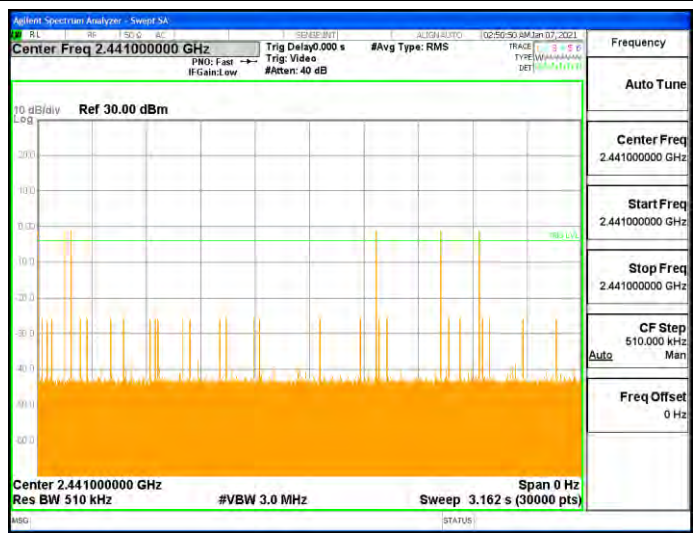
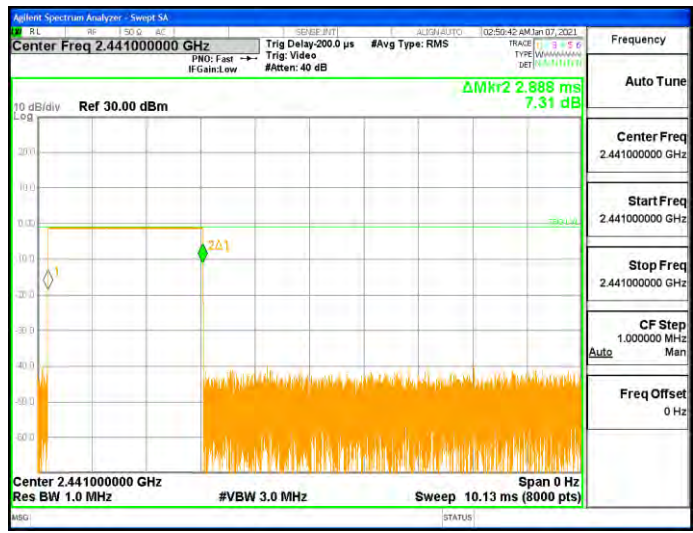


DH3_Ant1_Hop





DH5_Ant1_Hop



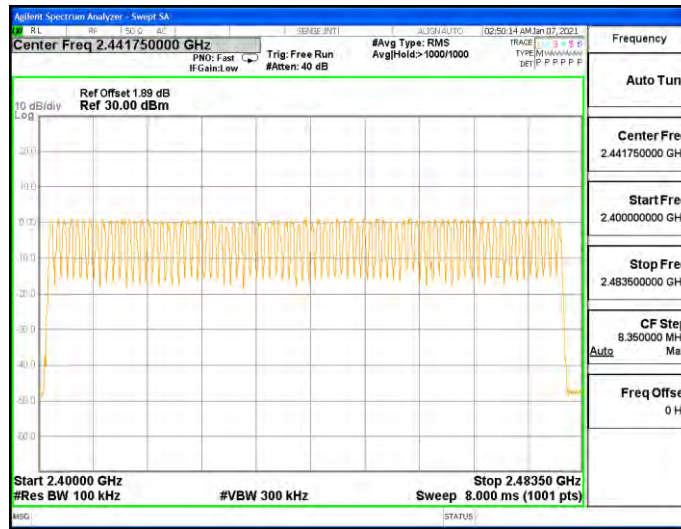
1.5 APPENDIX F: NUMBER OF HOPPING CHANNELS

Test Result

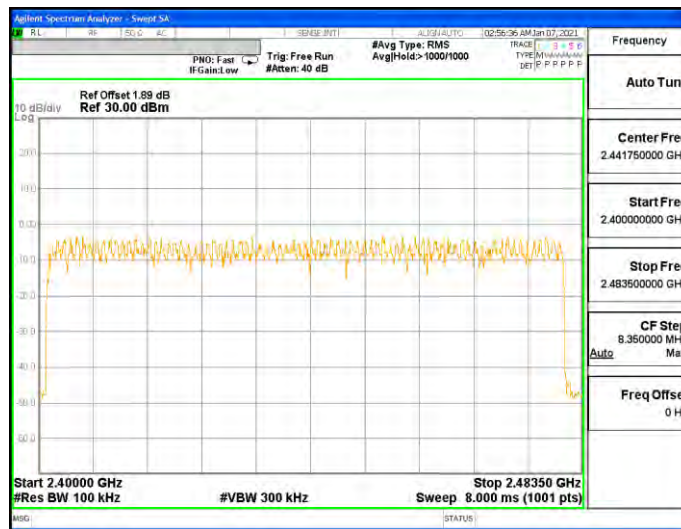
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Hop	79	>=15	PASS
2DH1	Ant1	Hop	79	>=15	PASS
3DH1	Ant1	Hop	79	>=15	PASS

Test Graphs

DH1_Ant1_Hop



2DH1_Ant1_Hop



3DH1_Ant1_Hop



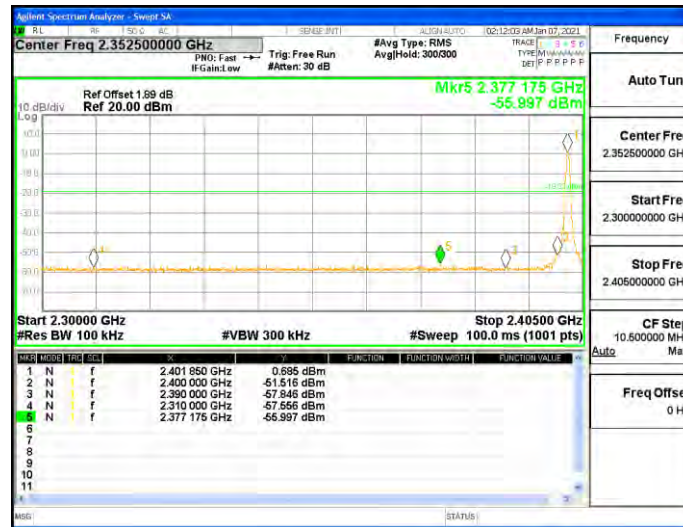
1.6 APPENDIX G: BAND EDGE MEASUREMENTS

Test Result

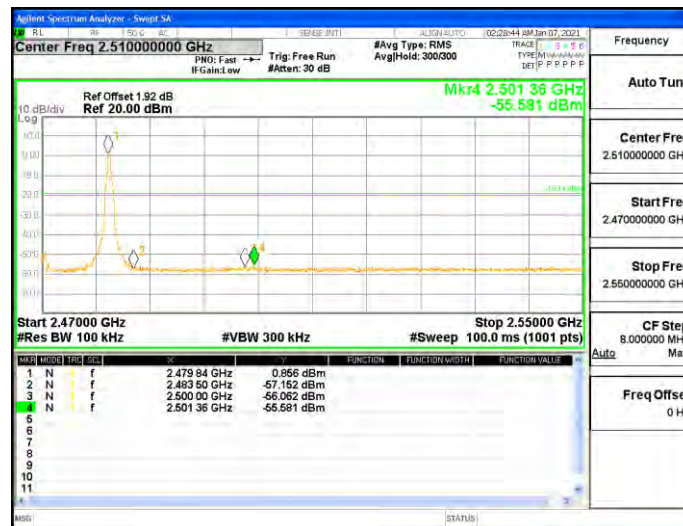
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	Low	2402	0.69	-56	<=-19.32	PASS
		High	2480	0.86	-55.58	<=-19.14	PASS
		Low	Hop_2402	0.54	-56.41	-19.46	PASS
		High	Hop_2480	0.96	-55.61	-19.04	PASS
2DH1	Ant1	Low	2402	-3.59	-56.23	<=-23.59	PASS
		High	2480	-3.64	-55.03	<=-23.64	PASS
		Low	Hop_2402	-3.76	-55.95	-23.76	PASS
		High	Hop_2480	-3.64	-55.46	-23.64	PASS
3DH1	Ant1	Low	2402	-3.43	-55.14	<=-23.43	PASS
		High	2480	-3.47	-55.57	<=-23.47	PASS
		Low	Hop_2402	-3.68	-56.52	-23.68	PASS
		High	Hop_2480	-3.52	-55.49	-23.52	PASS

Test Graphs

DH1_Ant1_Low_2402



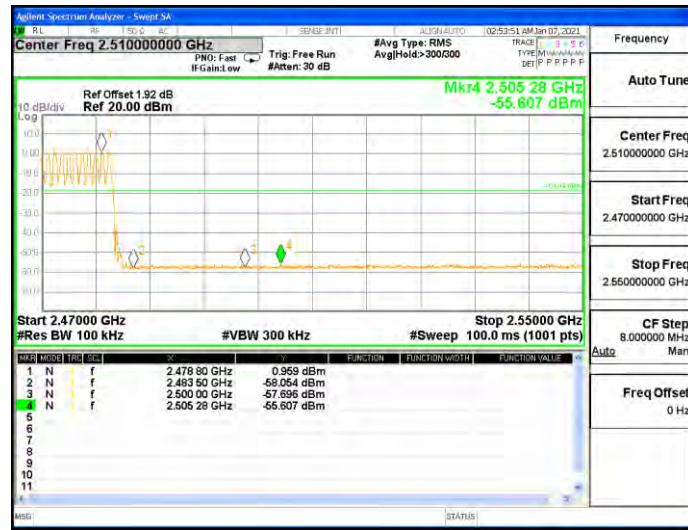
DH1_Ant1_High_2480



DH1_Ant1_Low_Hop_2402



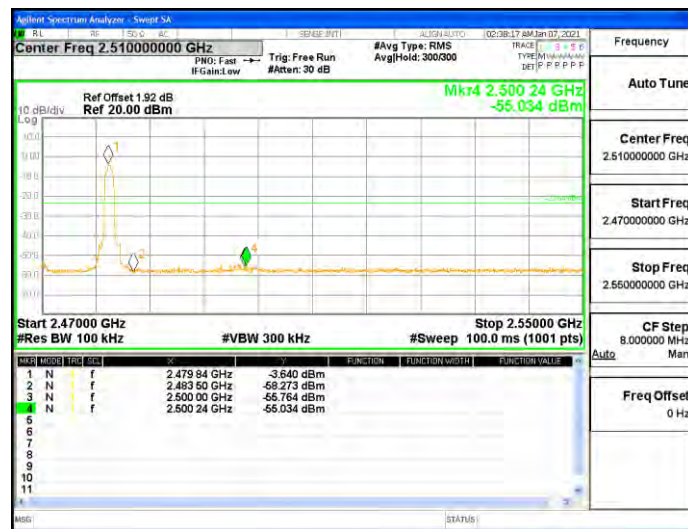
DH1_Ant1_High_Hop_2480



2DH1_Ant1_Low_2402



2DH1_Ant1_High_2480



2DH1_Ant1_Low_Hop_2402



2DH1_Ant1_High_Hop_2480



3DH1_Ant1_Low_2402



3DH1_Ant1_High_2480



3DH1_Ant1_Low_Hop_2402



3DH1_Ant1_High_Hop_2480



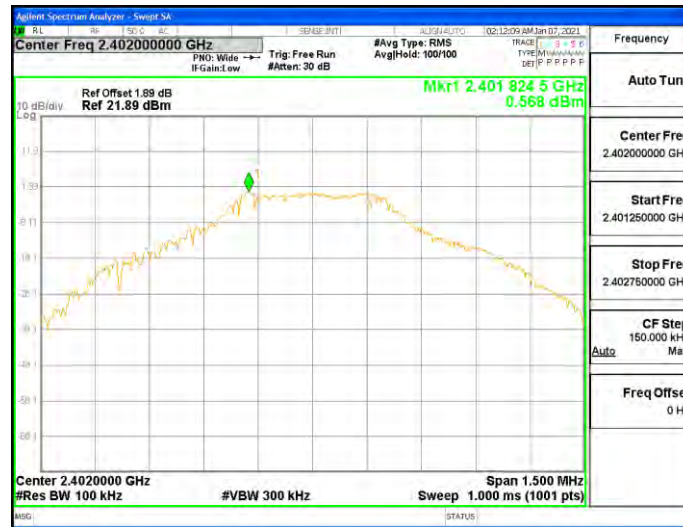
1.7 APPENDIX H: CONDUCTED SPURIOUS EMISSION

Test Result

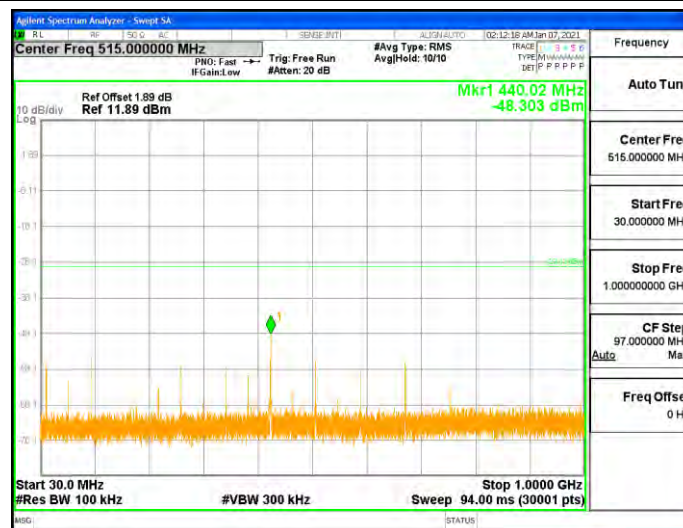
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH1	Ant1	2402	Reference	0.57	0.57	---	PASS
			30~1000	30~1000	-48.303	<=-29.432	PASS
			1000~26500	1000~26500	-54.014	<=-29.432	PASS
		2441	Reference	0.48	0.48	---	PASS
			30~1000	30~1000	-49.505	<=-29.522	PASS
			1000~26500	1000~26500	-53.678	<=-29.522	PASS
		2480	Reference	0.77	0.77	---	PASS
			30~1000	30~1000	-49.869	<=-29.231	PASS
			1000~26500	1000~26500	-54.264	<=-29.231	PASS
2DH1	Ant1	2402	Reference	-3.60	-3.60	---	PASS
			30~1000	30~1000	-49.958	<=-33.595	PASS
			1000~26500	1000~26500	-53.65	<=-33.595	PASS
		2441	Reference	-4.14	-4.14	---	PASS
			30~1000	30~1000	-50.001	<=-34.135	PASS
			1000~26500	1000~26500	-54.172	<=-34.135	PASS
		2480	Reference	-3.68	-3.68	---	PASS
			30~1000	30~1000	-50.037	<=-33.676	PASS
			1000~26500	1000~26500	-53.022	<=-33.676	PASS
3DH1	Ant1	2402	Reference	-3.63	-3.63	---	PASS
			30~1000	30~1000	-49.88	<=-33.633	PASS
			1000~26500	1000~26500	-53.666	<=-33.633	PASS
		2441	Reference	-3.77	-3.77	---	PASS
			30~1000	30~1000	-49.886	<=-33.766	PASS
			1000~26500	1000~26500	-53.802	<=-33.766	PASS
		2480	Reference	-3.52	-3.52	---	PASS
			30~1000	30~1000	-49.96	<=-33.524	PASS
			1000~26500	1000~26500	-53.625	<=-33.524	PASS

Test Graphs

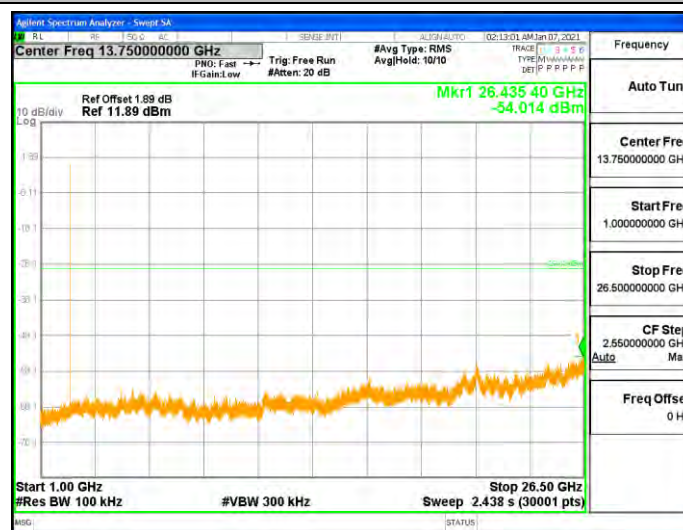
DH1_Ant1_2402_0~Reference



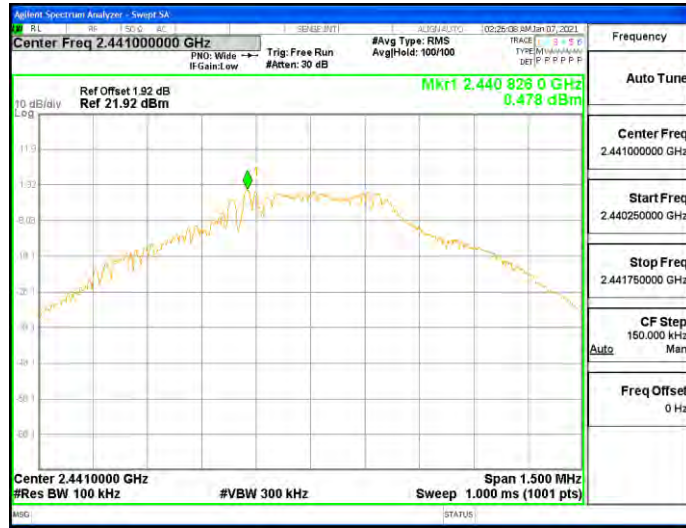
DH1_Ant1_2402_30~1000



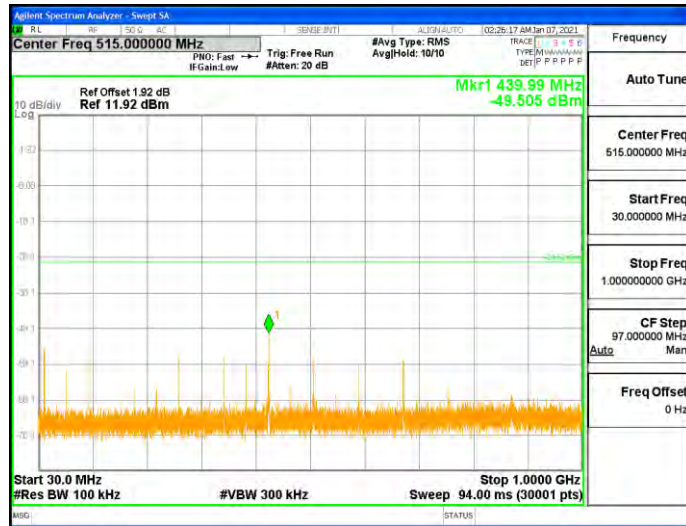
DH1_Ant1_2402_1000~26500



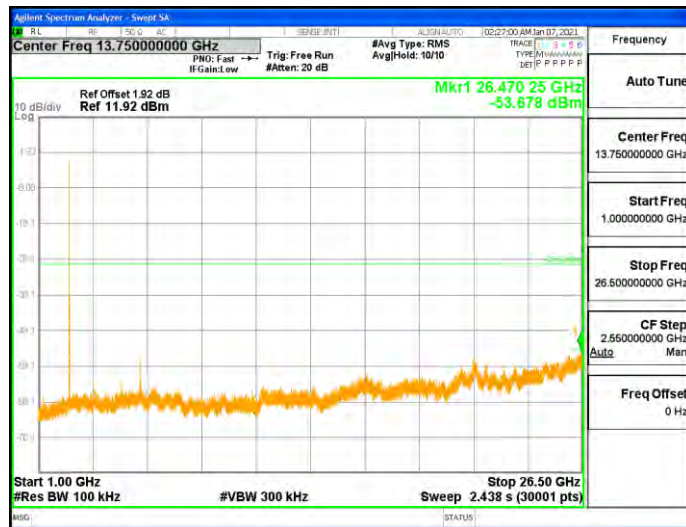
DH1_Ant1_2441_0~Reference



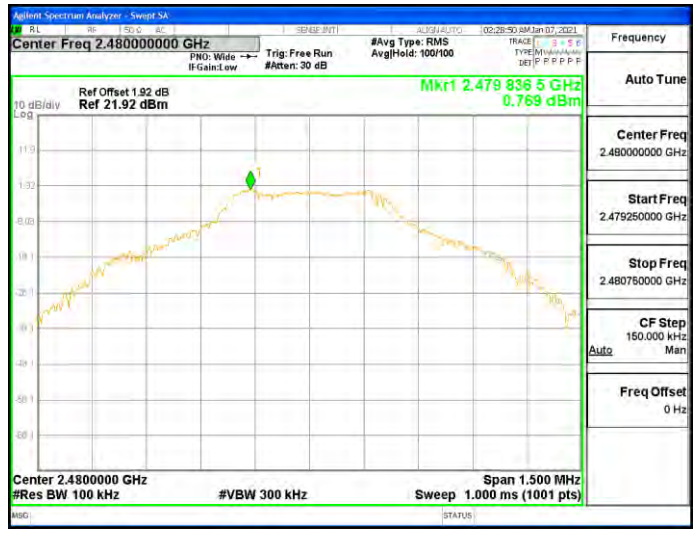
DH1_Ant1_2441_30~1000



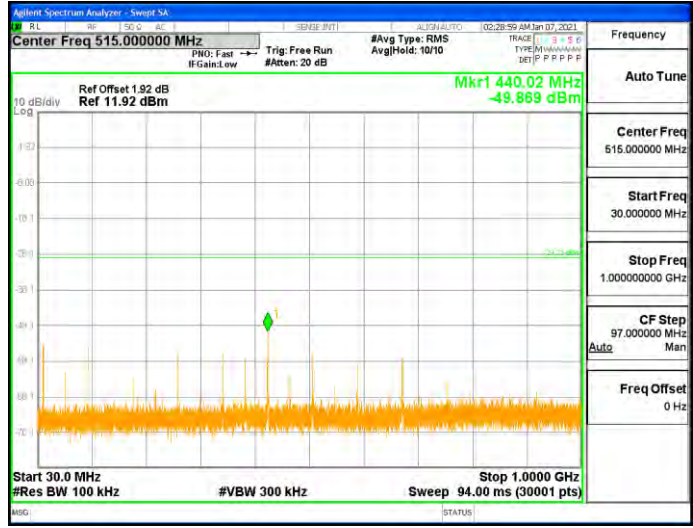
DH1_Ant1_2441_1000~26500



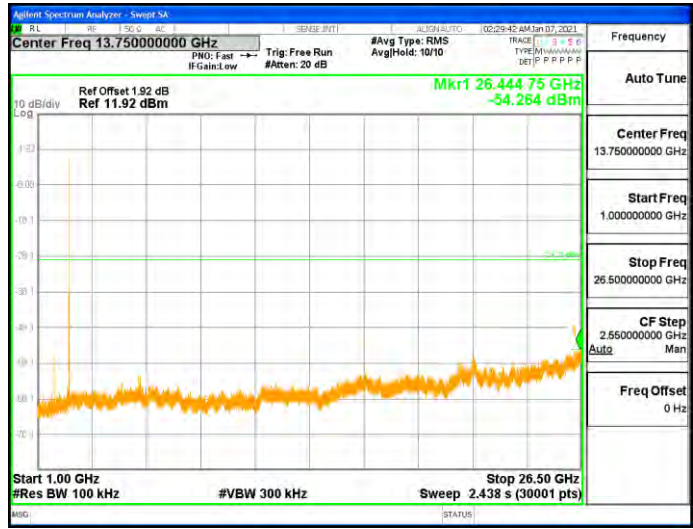
DH1_Ant1_2480_0~Reference



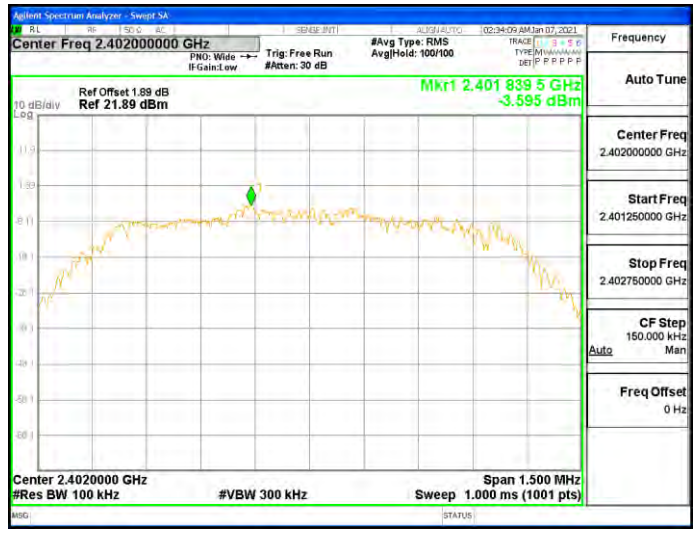
DH1_Ant1_2480_30~1000



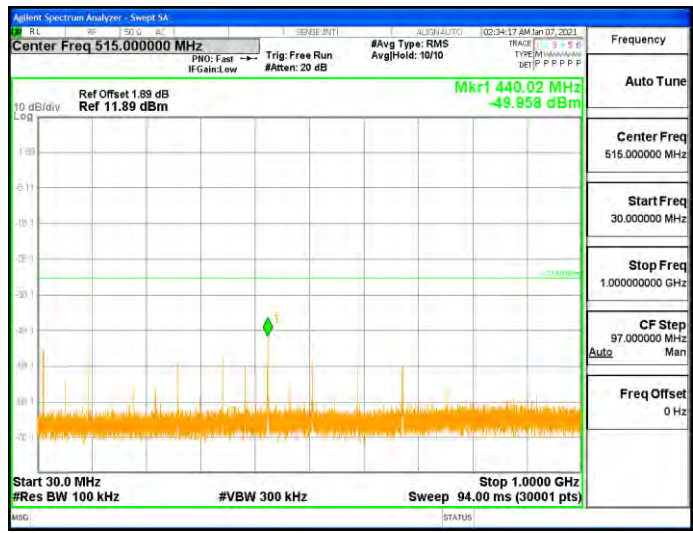
DH1_Ant1_2480_1000~26500



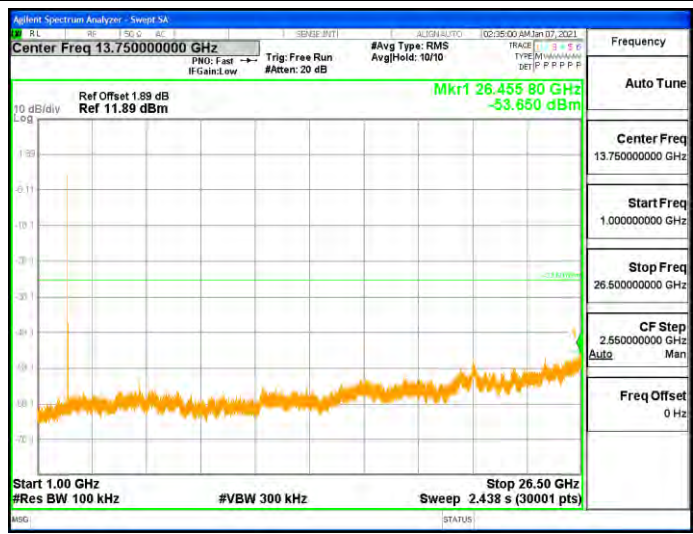
2DH1_Ant1_2402_0~Reference



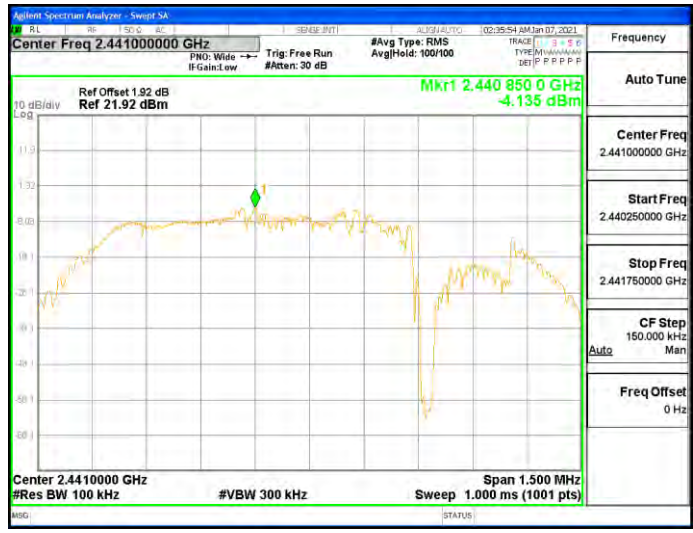
2DH1_Ant1_2402_30~1000



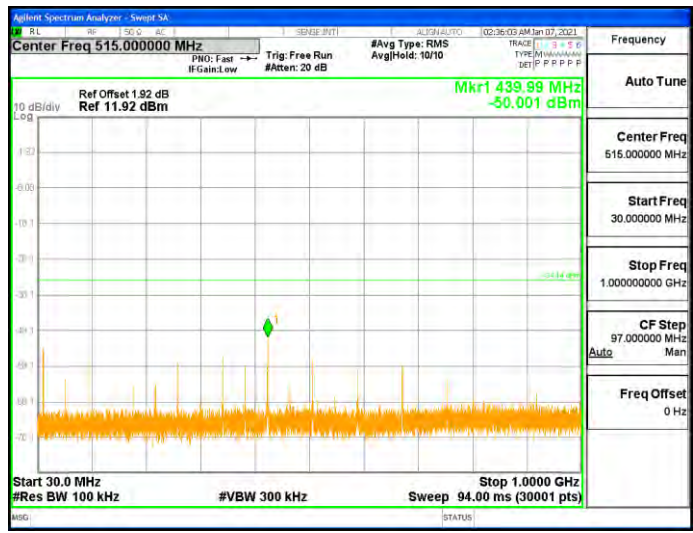
2DH1_Ant1_2402_1000~26500



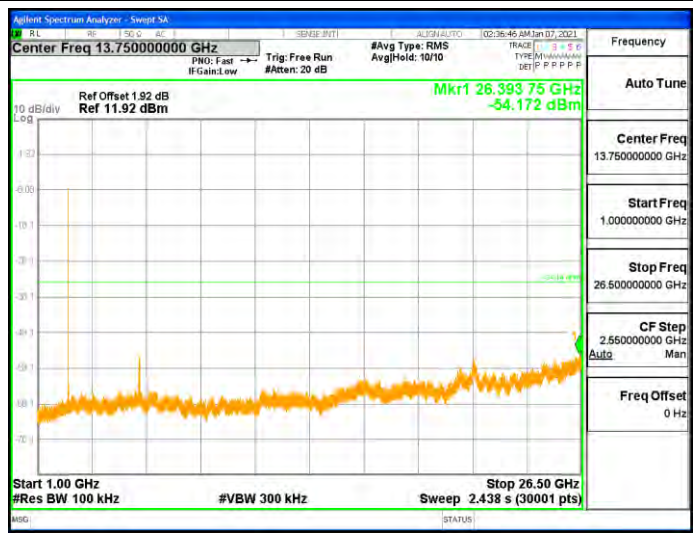
2DH1_Ant1_2441_0~Reference



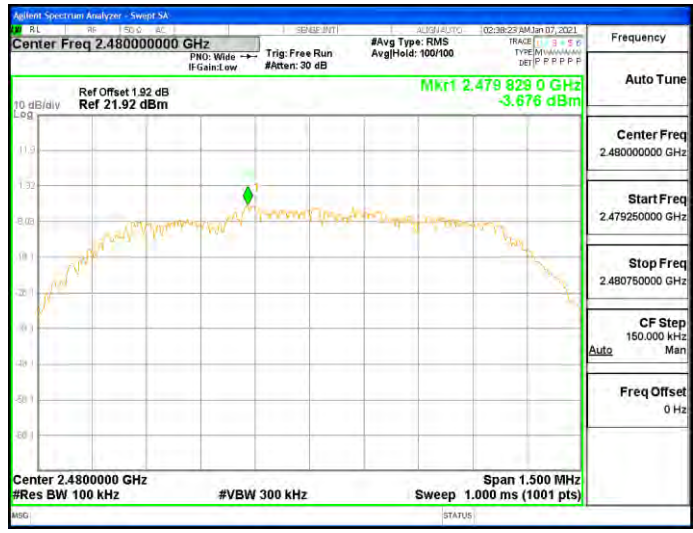
2DH1_Ant1_2441_30~100



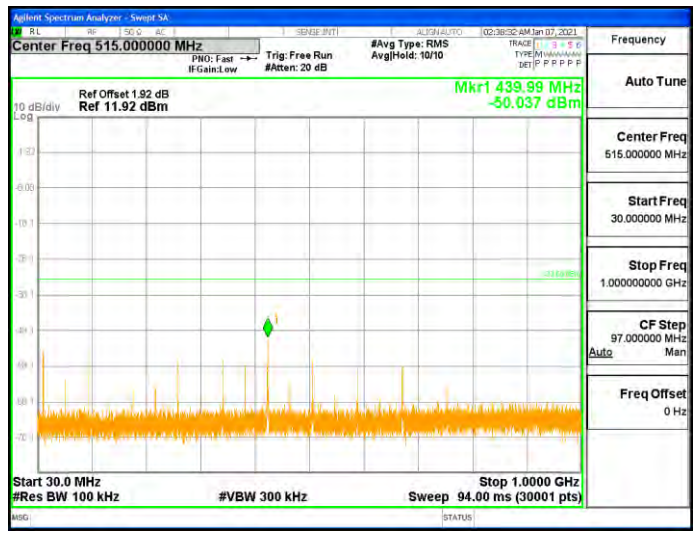
2DH1_Ant1_2441_1000~26500



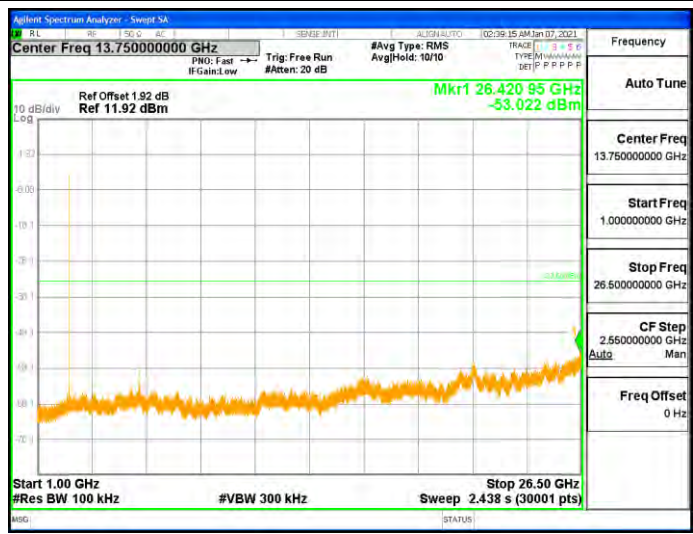
2DH1_Ant1_2480_0-Reference



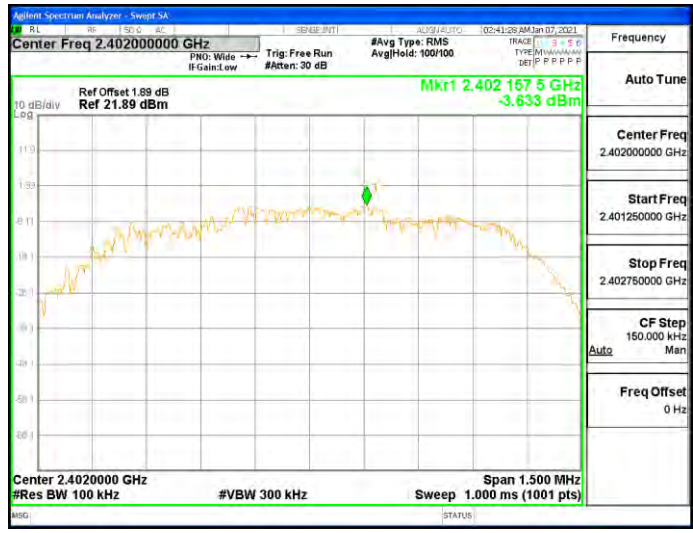
2DH1_Ant1_2480_30~1000



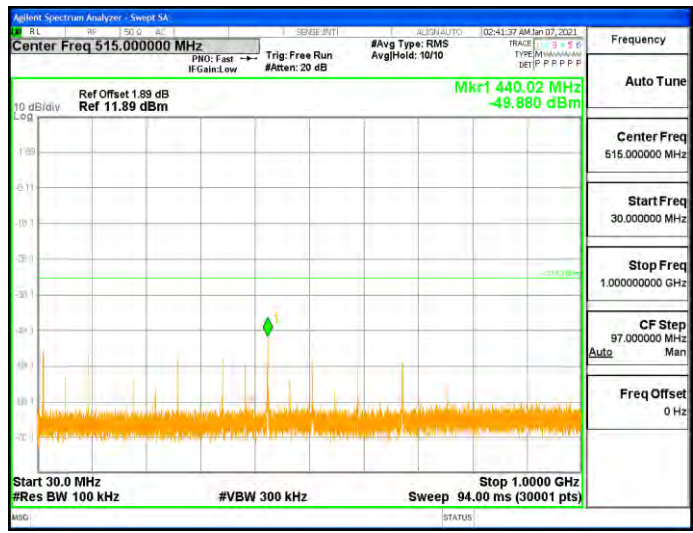
2DH1_Ant1_2480_1000~26500



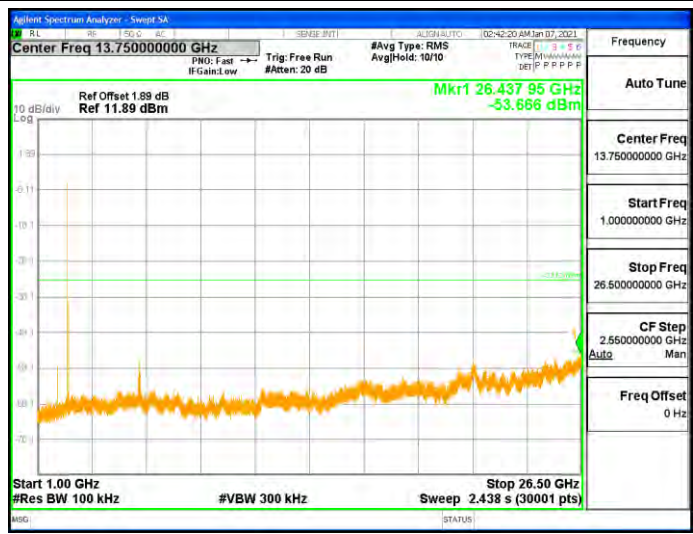
3DH1_Ant1_2402_0-Reference



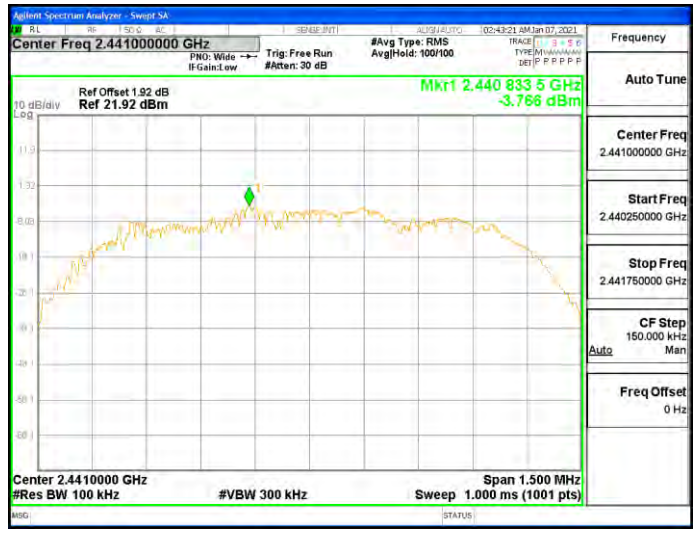
3DH1_Ant1_2402_30~100



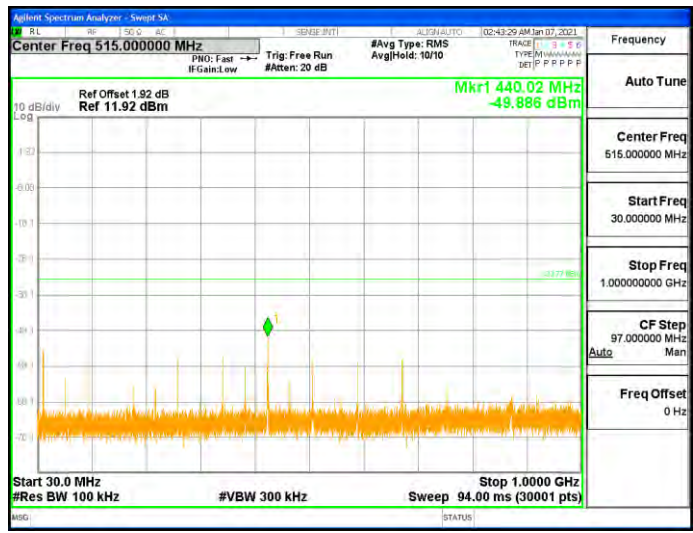
3DH1_Ant1_2402_1000~26500



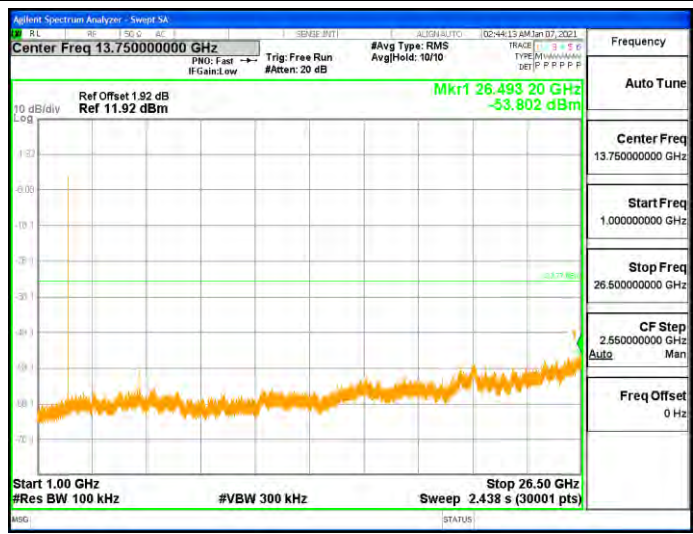
3DH1_Ant1_2441_0~Reference



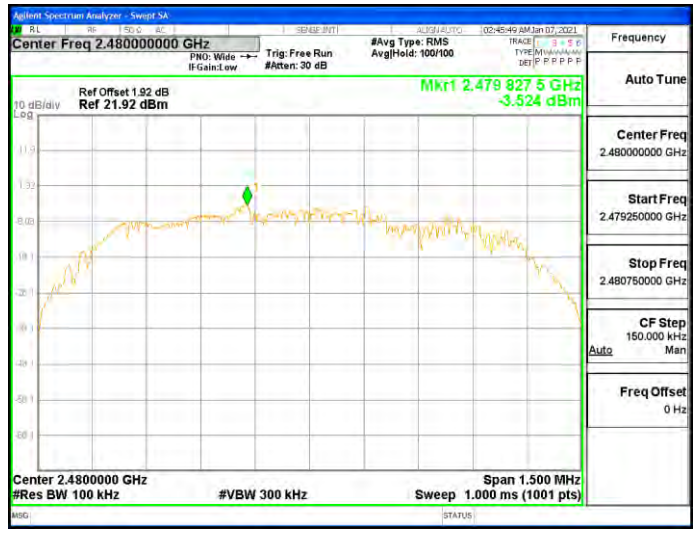
3DH1_Ant1_2441_30~1000



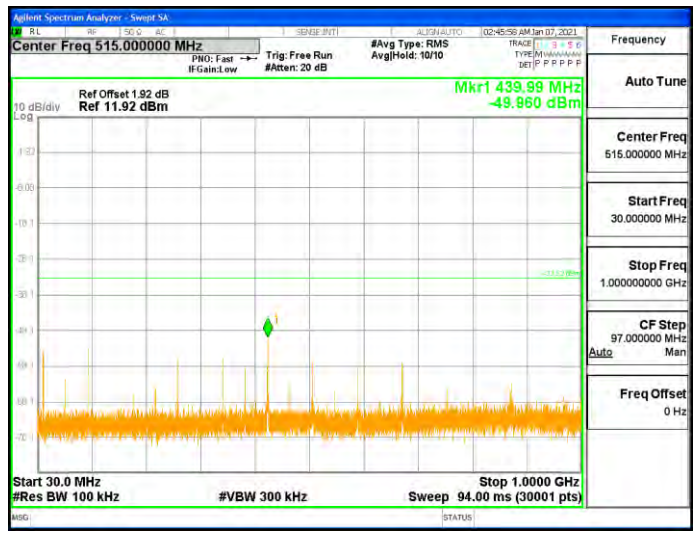
3DH1_Ant1_2441_1000~26500



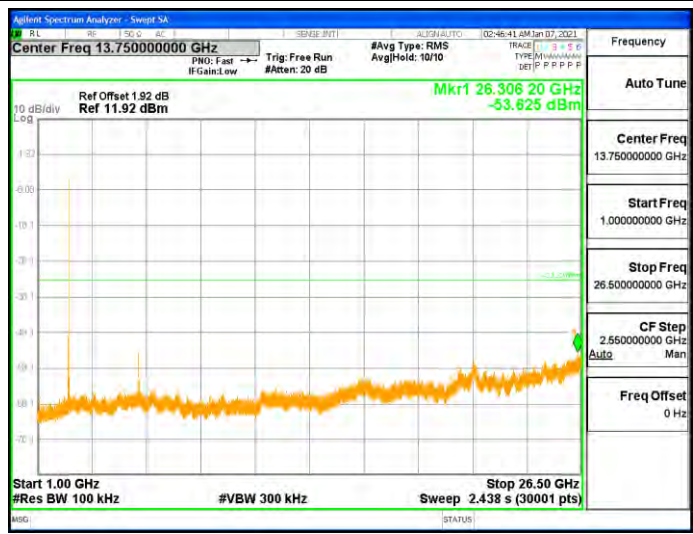
3DH1_Ant1_2480_0-Reference



3DH1_Ant1_2480_30~100



3DH1_Ant1_2480_1000~26500

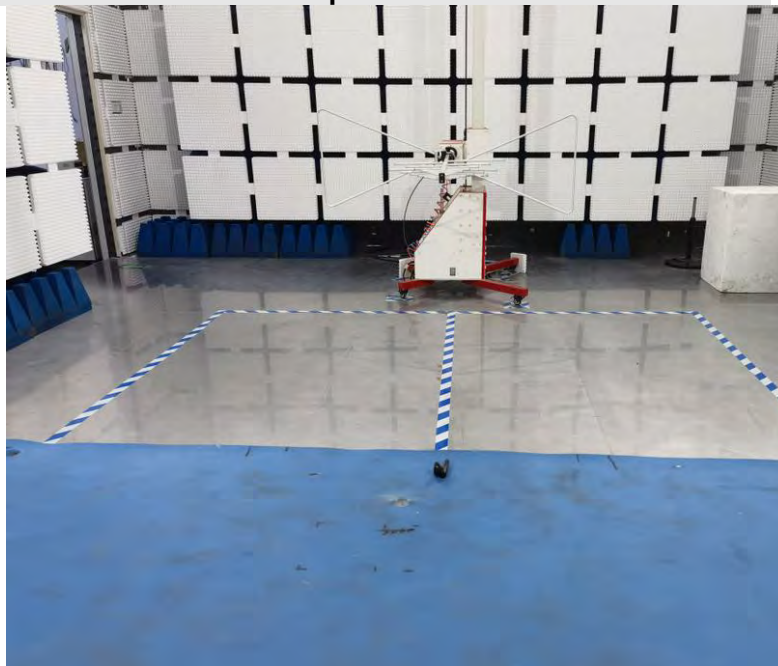


APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Conducted Emissions at AC Power Line (150kHz-30MHz)



Radiated Spurious Emissions





APPENDIX B: PHOTOGRAPHS OF EUT

