

Appendix: Bluetooth Classic

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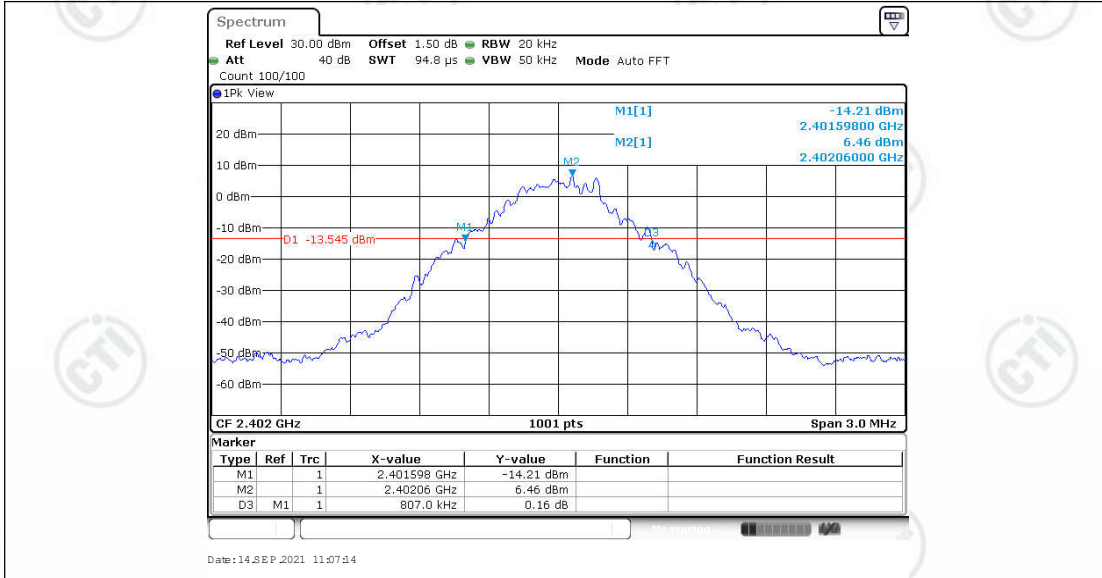
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Appendix A: 20dB Emission Bandwidth

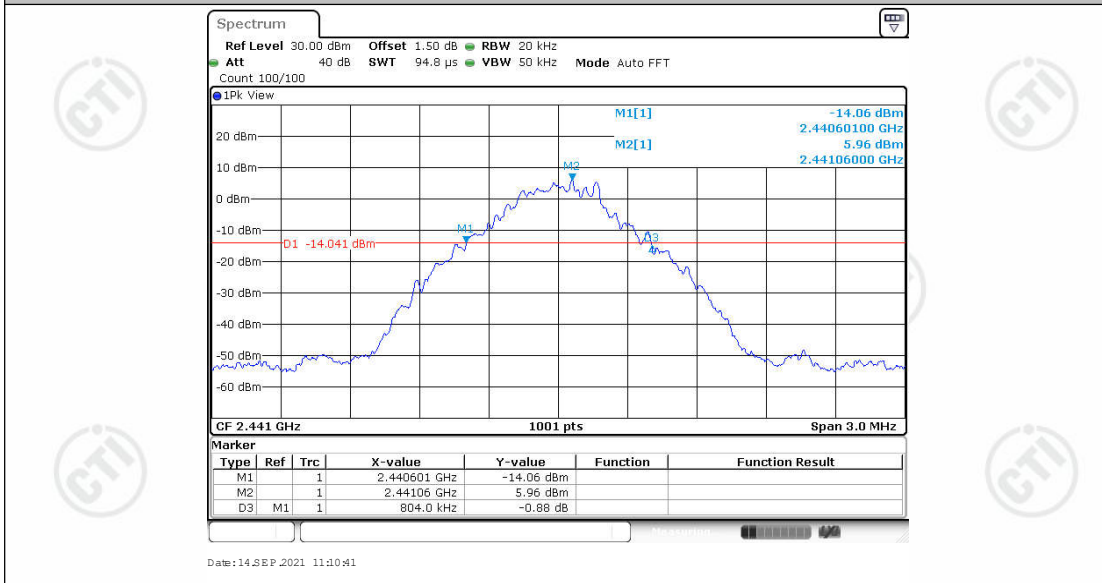
Test Result

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.807	2401.598	2402.405	---	PASS
		2441	0.804	2440.601	2441.405	---	PASS
		2480	0.804	2479.601	2480.405	---	PASS
2DH5	Ant1	2402	1.236	2401.376	2402.612	---	PASS
		2441	1.209	2440.400	2441.609	---	PASS
		2480	1.209	2479.400	2480.609	---	PASS
3DH5	Ant1	2402	1.251	2401.367	2402.618	---	PASS
		2441	1.245	2440.370	2441.615	---	PASS
		2480	1.245	2479.370	2480.615	---	PASS

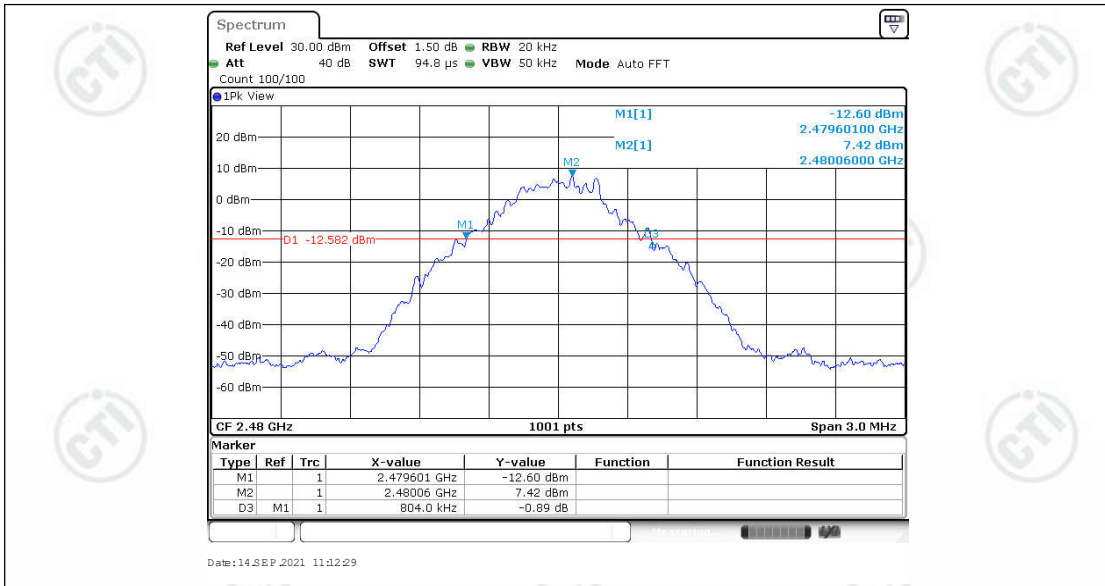
Test Graphs



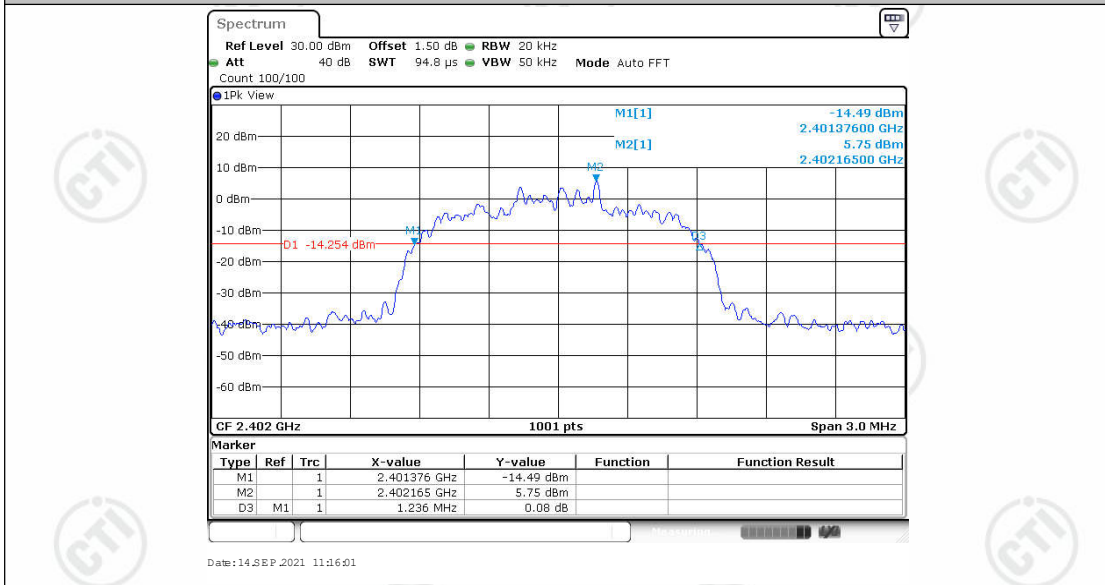
DH5_Ant1_2402



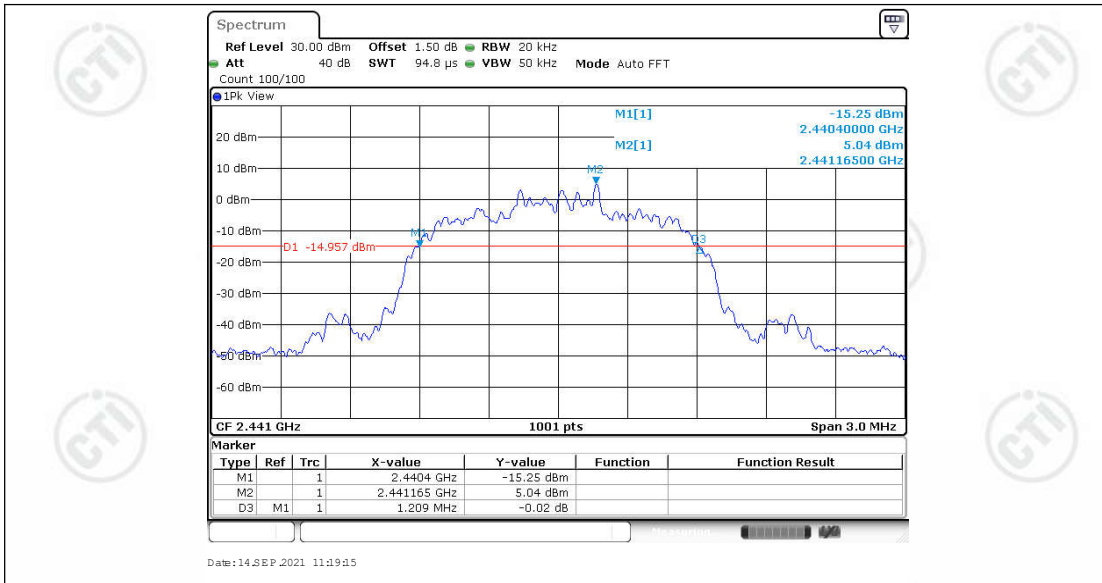
DH5_Ant1_2441



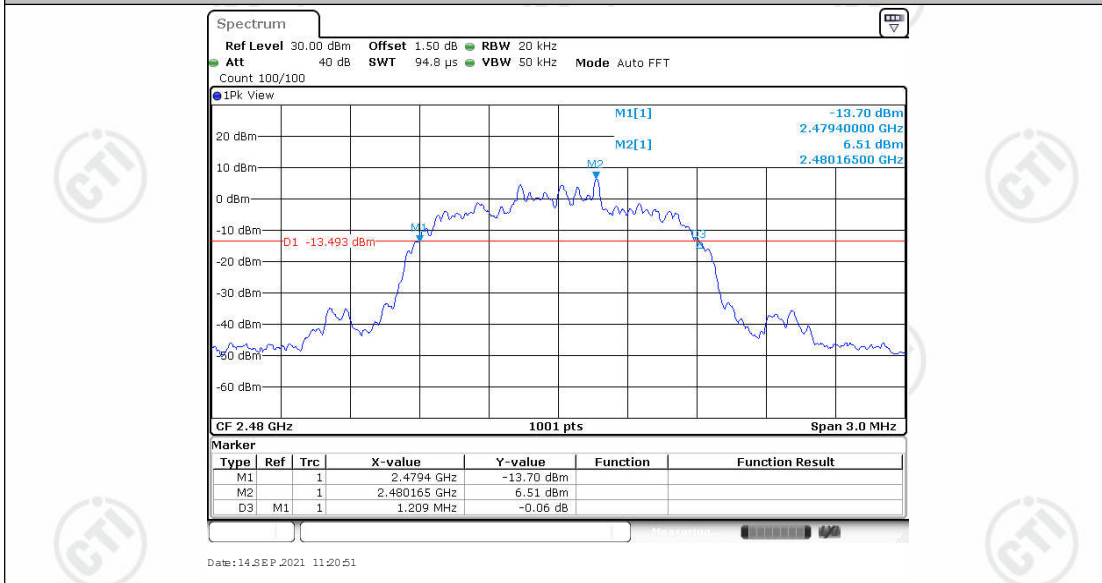
DH5_Ant1_2480



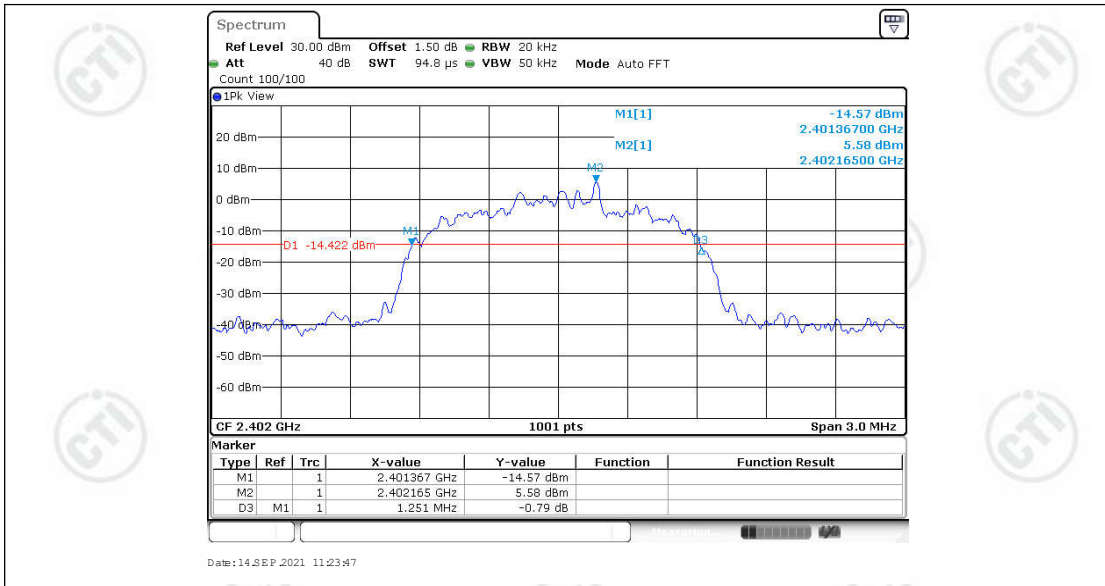
2DH5_Ant1_2402



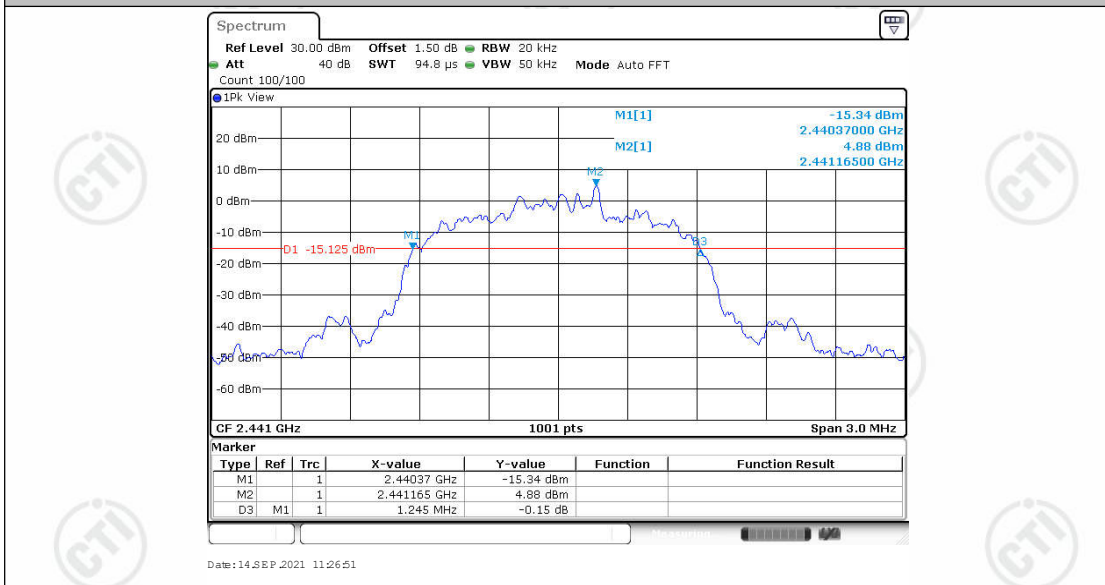
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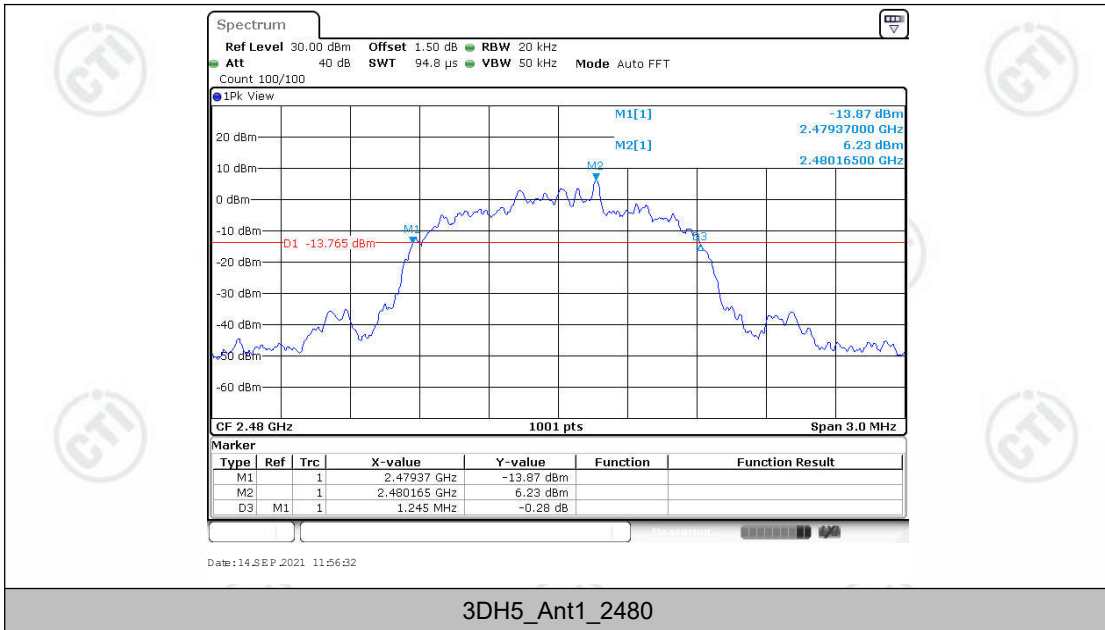
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

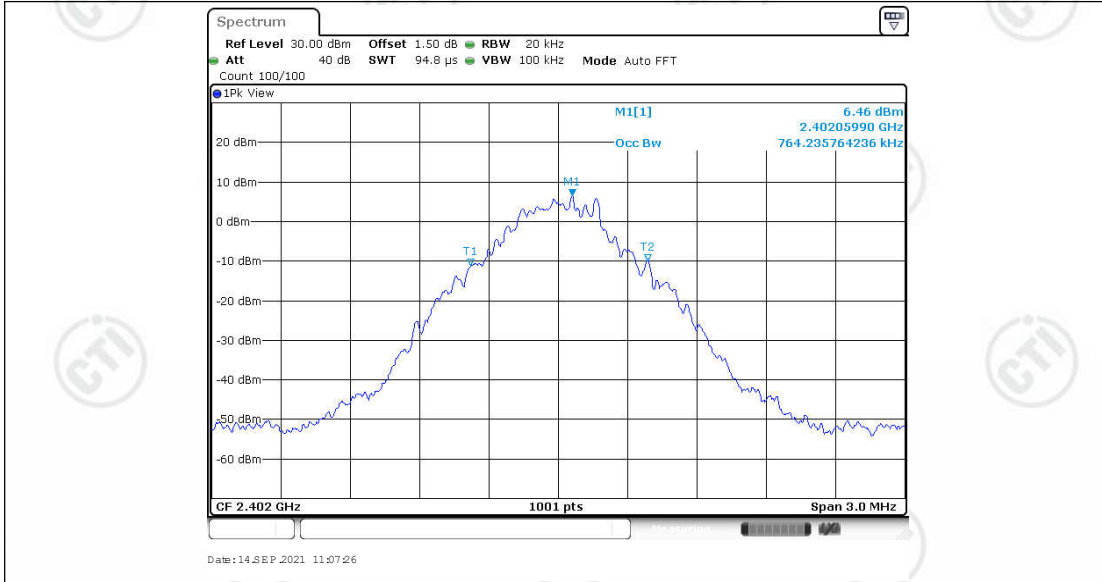


3DH5_Ant1_2480

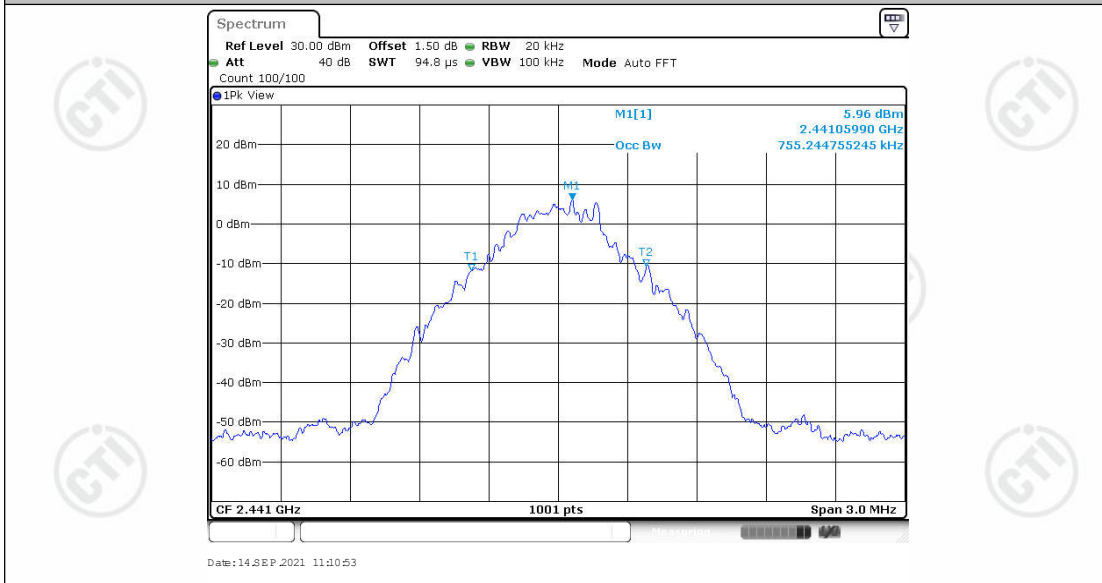
Appendix B: Occupied Channel Bandwidth**Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.764	2401.622	2402.387	---	PASS
		2441	0.755	2440.625	2441.381	---	PASS
		2480	0.755	2479.625	2480.381	---	PASS
2DH5	Ant1	2402	1.154	2401.422	2402.575	---	PASS
		2441	1.145	2440.425	2441.569	---	PASS
		2480	1.145	2479.425	2480.569	---	PASS
3DH5	Ant1	2402	1.157	2401.425	2402.581	---	PASS
		2441	1.145	2440.431	2441.575	---	PASS
		2480	1.145	2479.431	2480.575	---	PASS

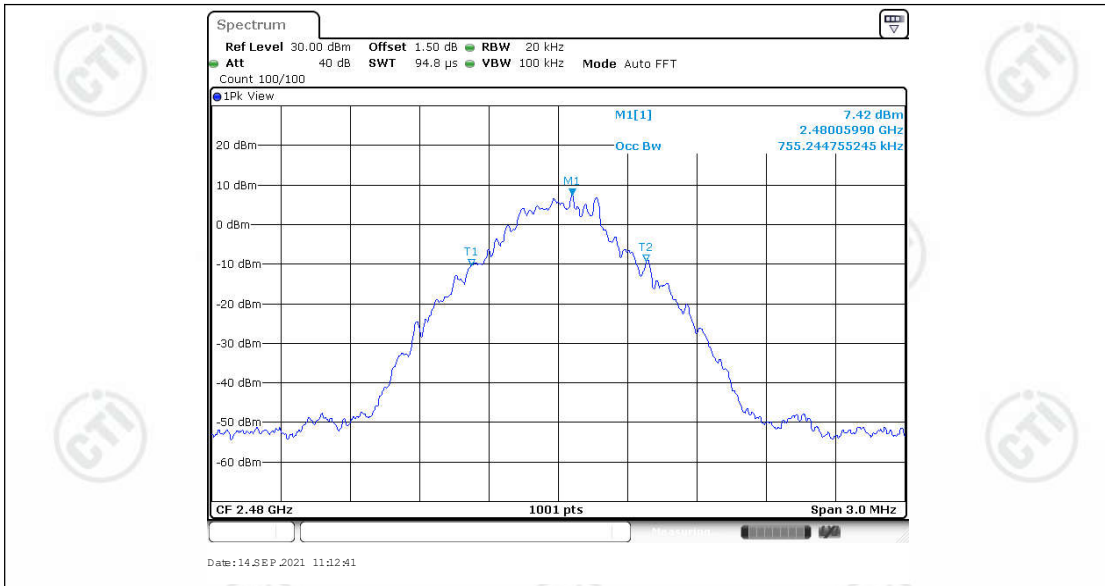
Test Graphs



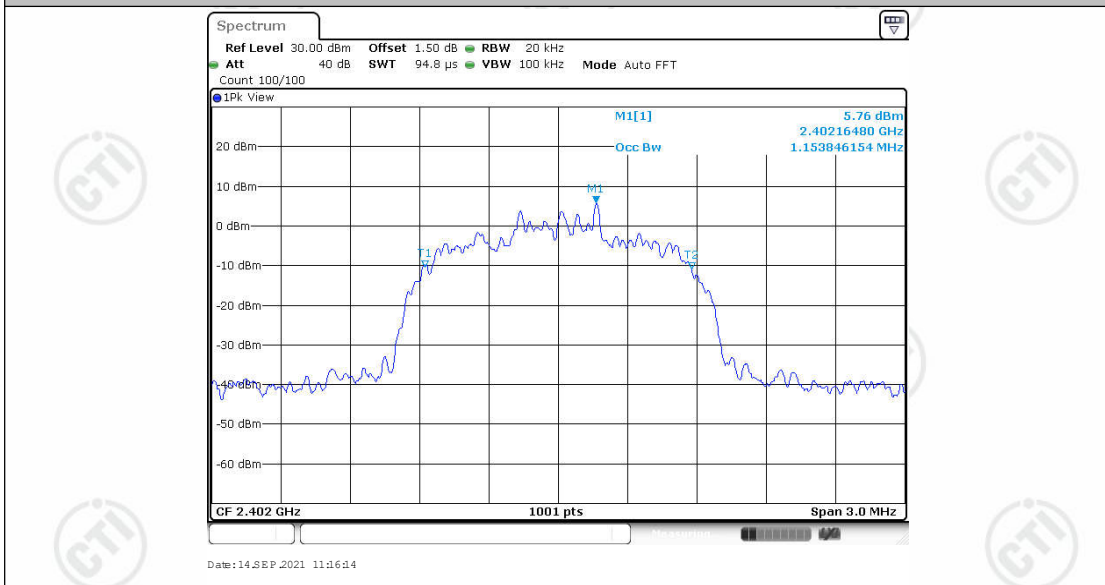
DH5_Ant1_2402



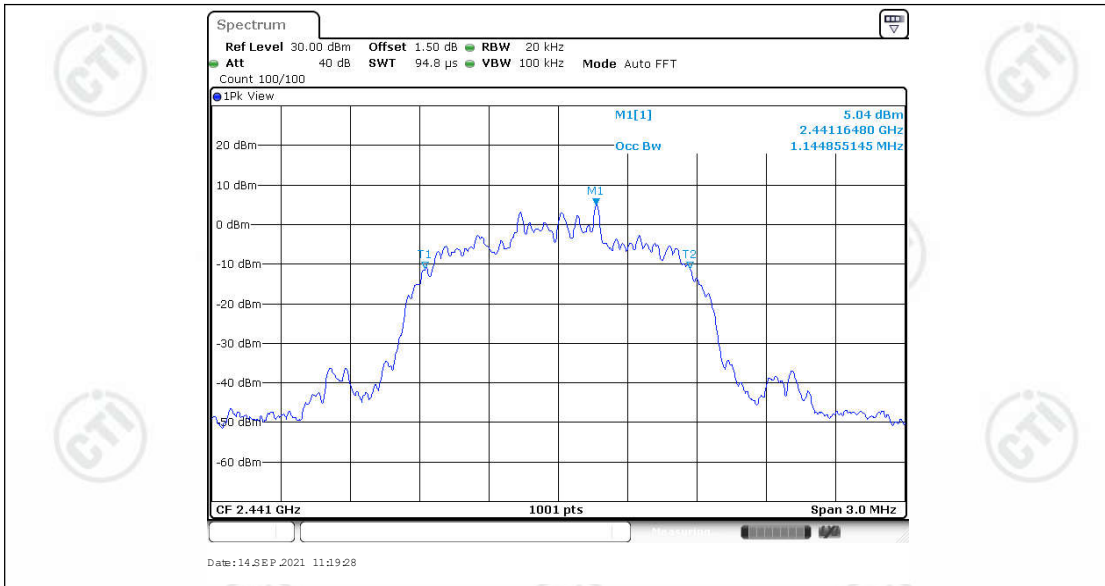
DH5_Ant1_2441



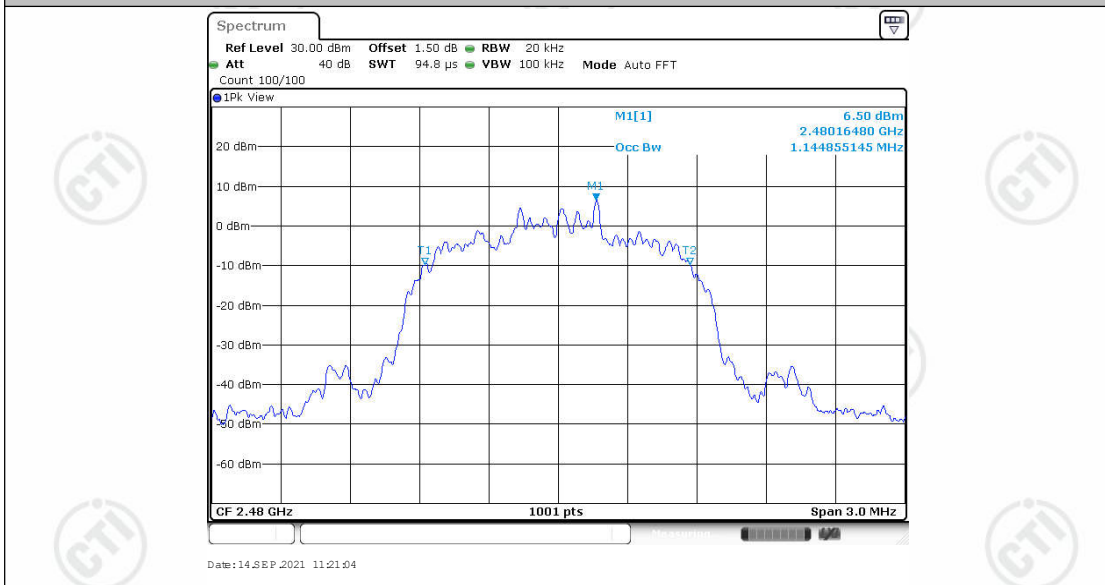
DH5_Ant1_2480



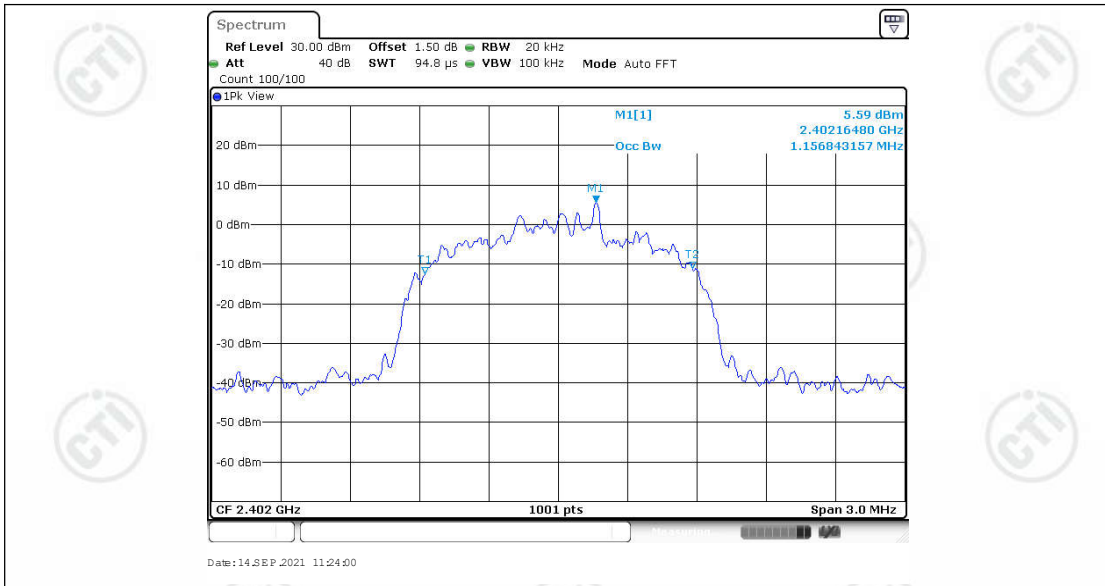
2DH5_Ant1_2402



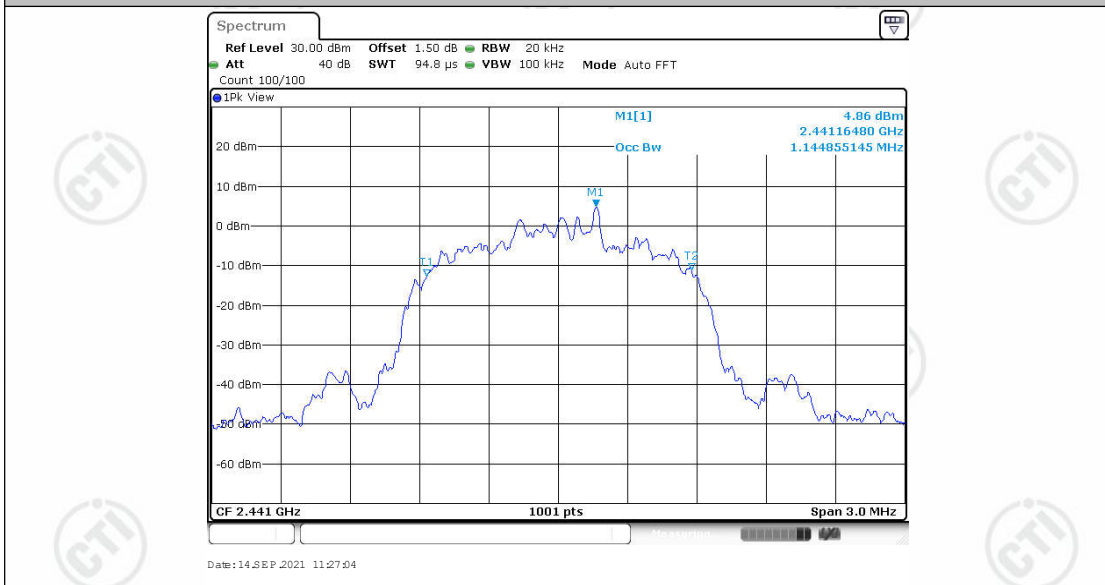
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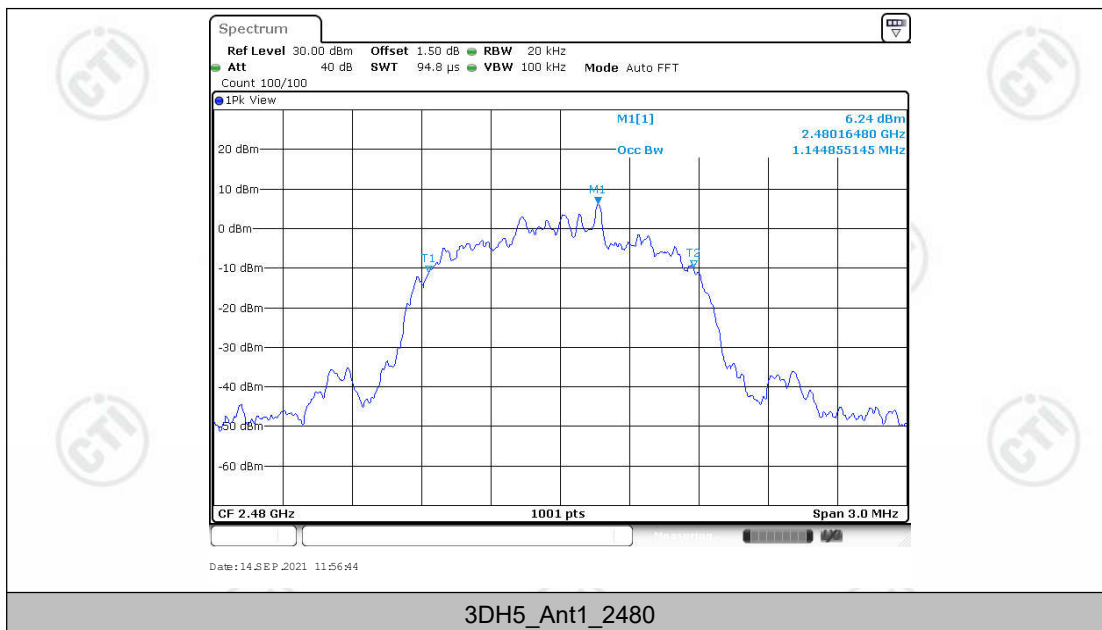
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

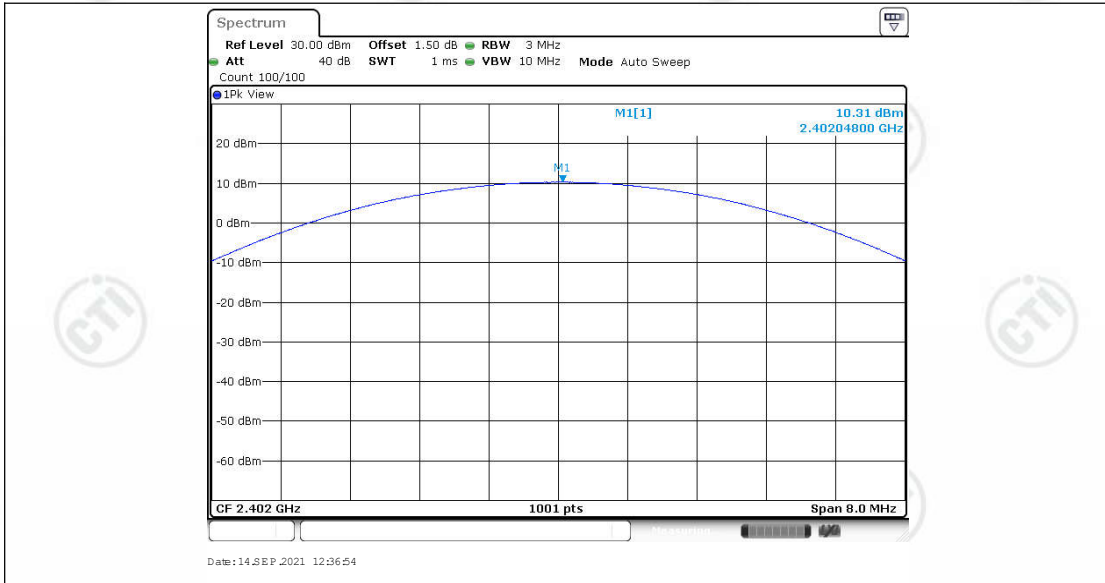


3DH5_Ant1_2480

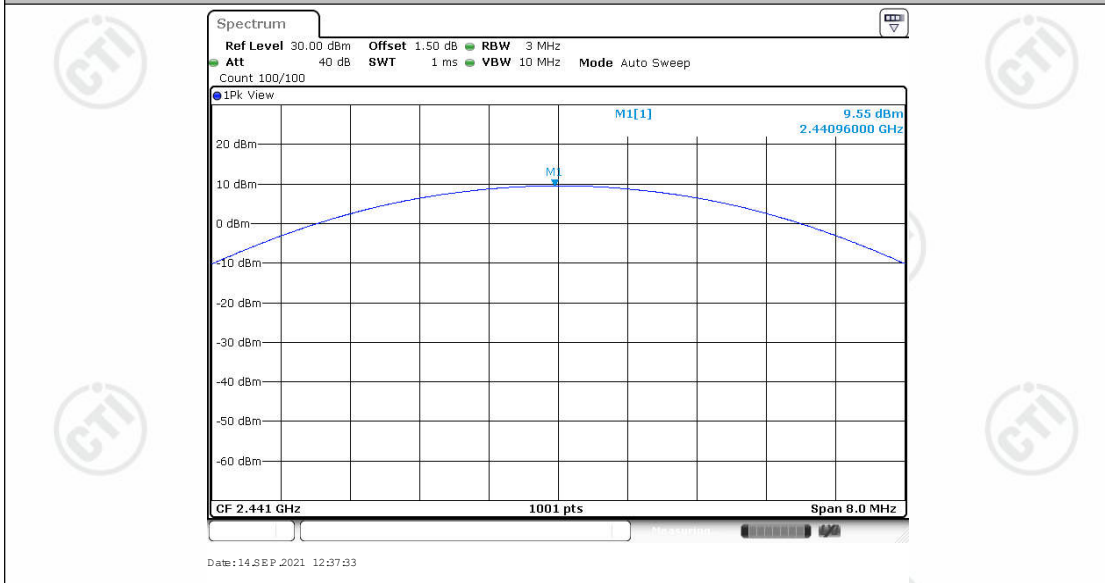
Appendix C: Maximum conducted output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	10.31	<=30	PASS
		2441	9.55	<=30	PASS
		2480	10.99	<=30	PASS
2DH5	Ant1	2402	9.64	<=20.97	PASS
		2441	8.74	<=20.97	PASS
		2480	10.2	<=20.97	PASS
3DH5	Ant1	2402	9.63	<=20.97	PASS
		2441	8.72	<=20.97	PASS
		2480	10.2	<=20.97	PASS

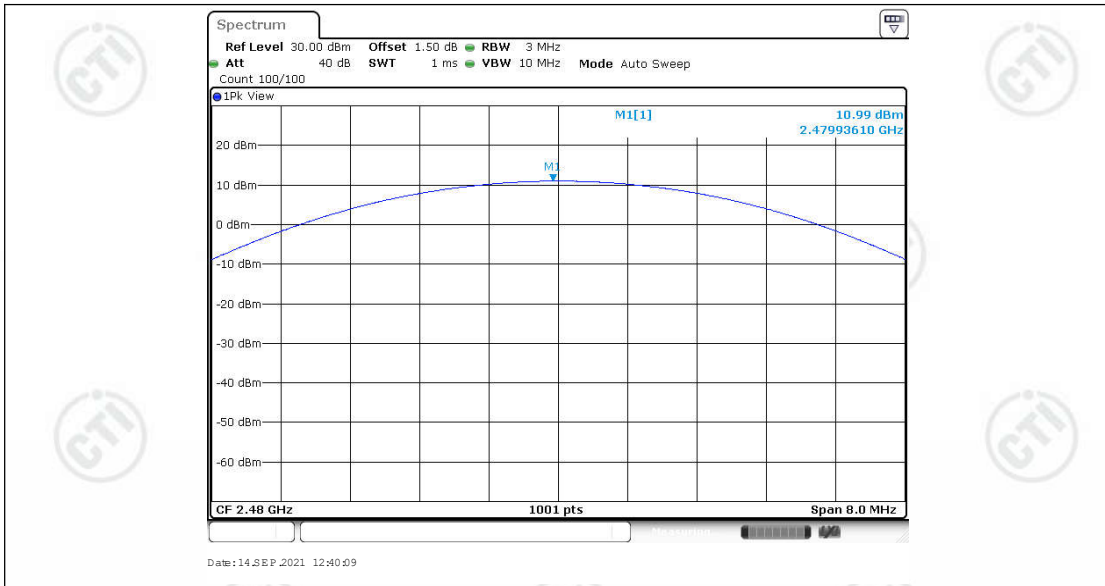
Test Graphs



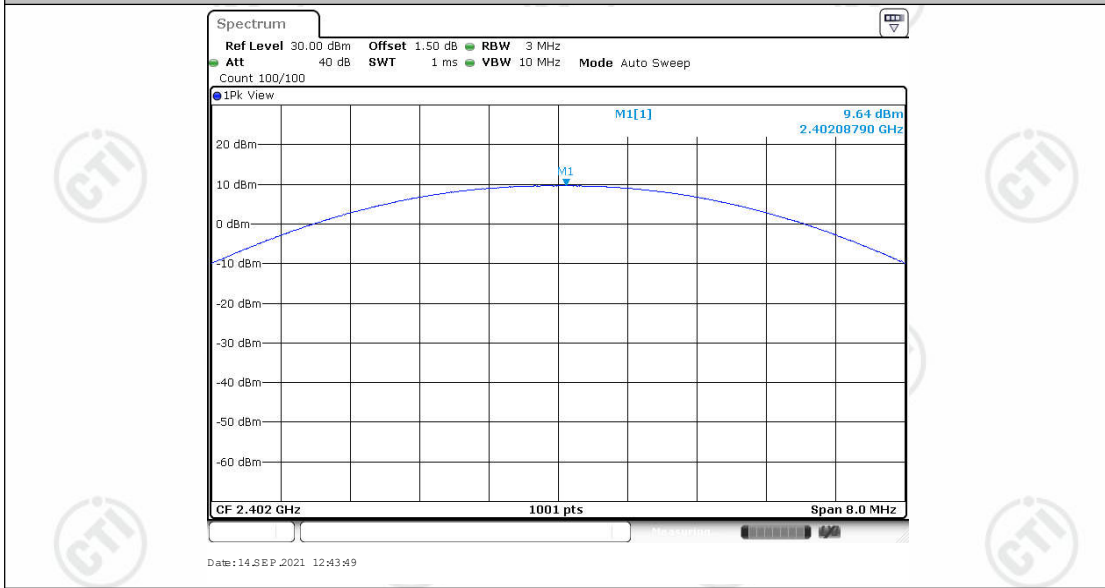
DH5_Ant1_2402



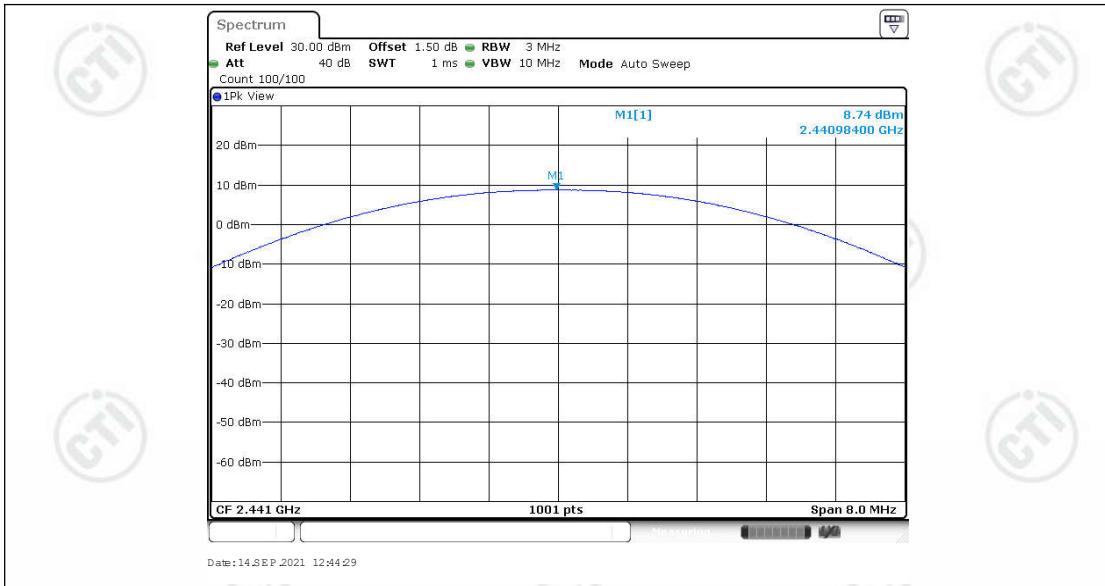
DH5_Ant1_2441



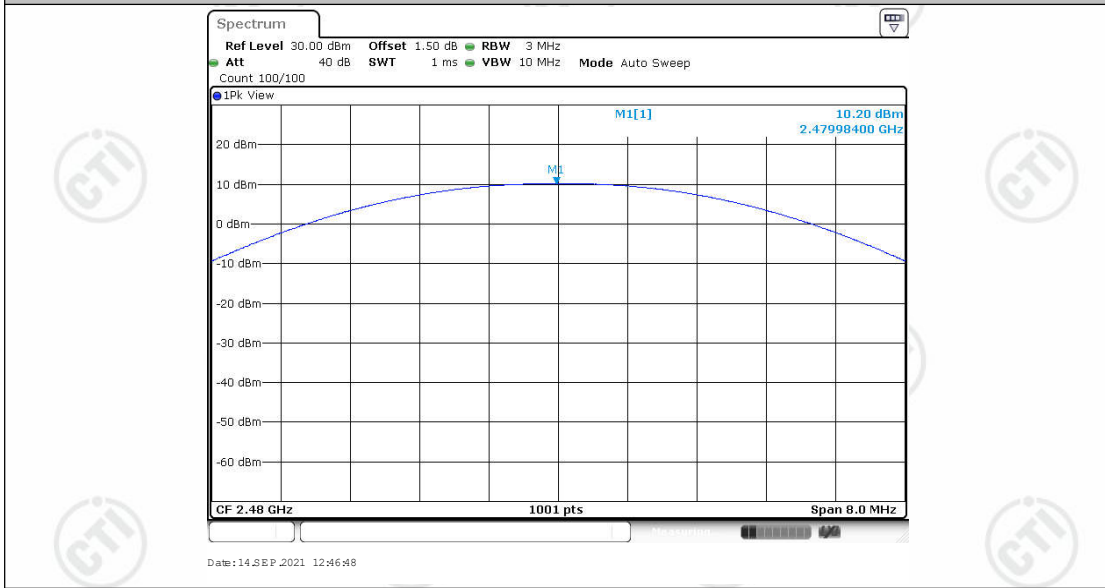
DH5_Ant1_2480



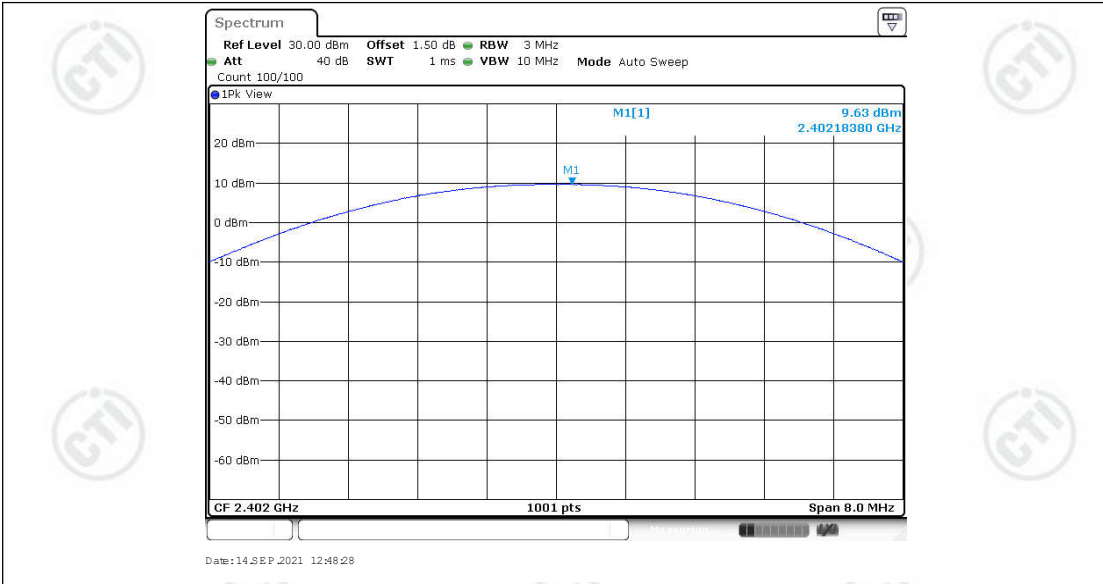
2DH5_Ant1_2402



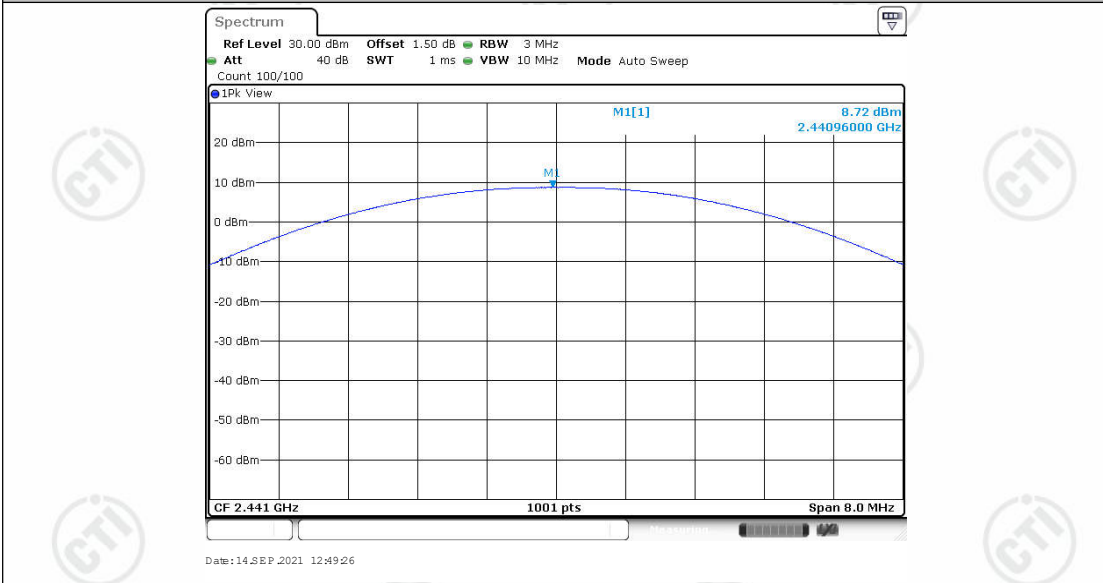
2DH5_Ant1_2441



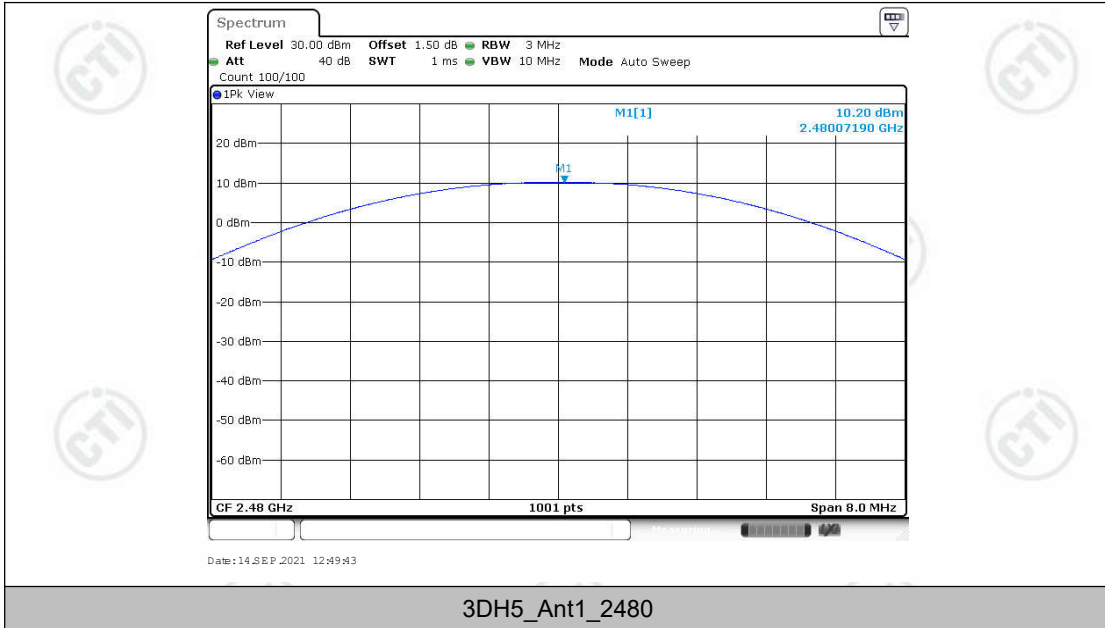
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

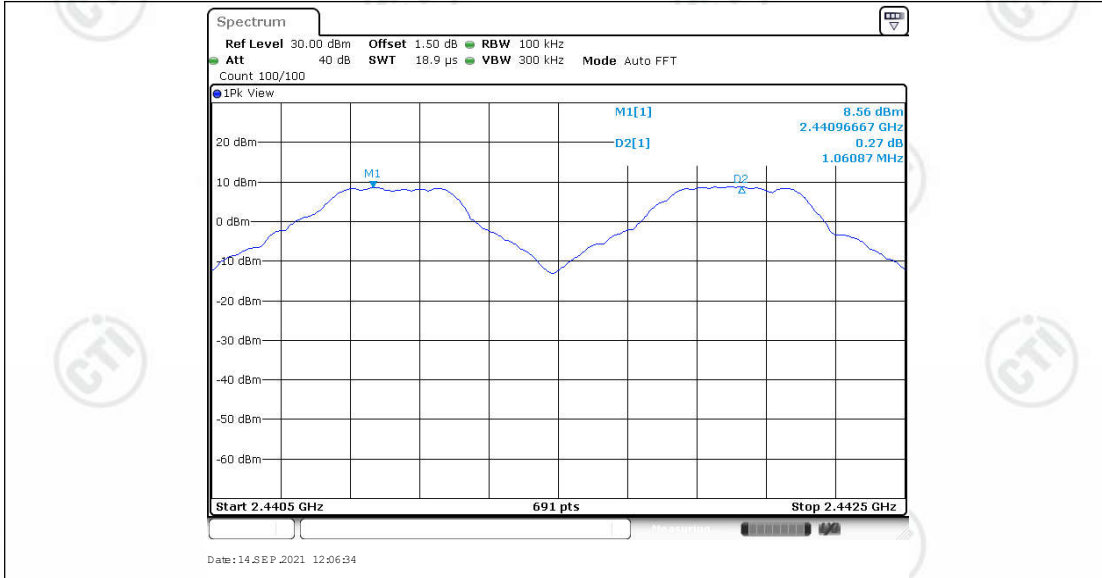


3DH5_Ant1_2480

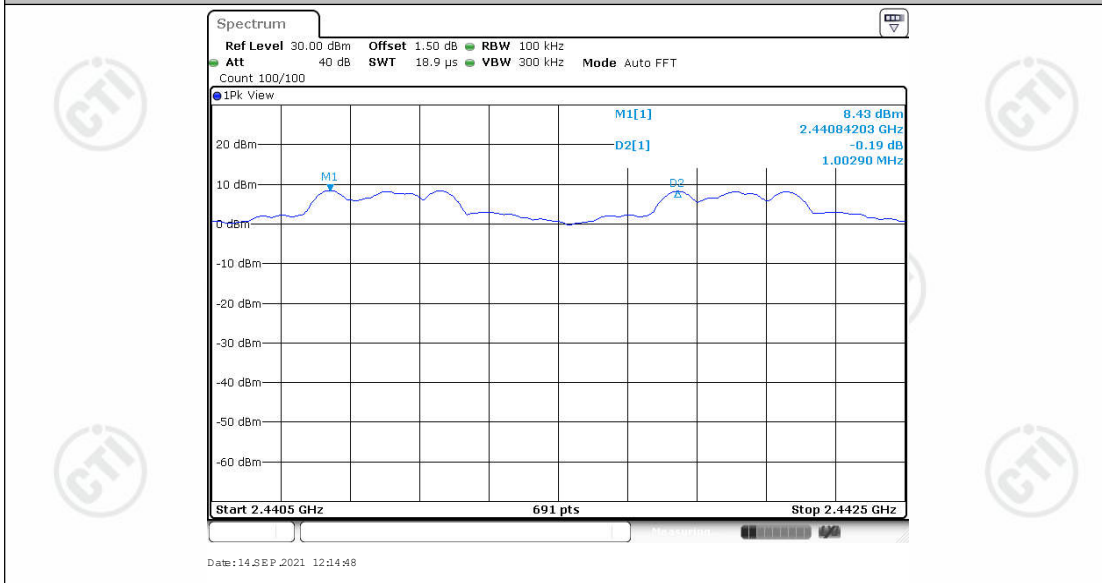
Appendix D: Carrier frequency separation**Test Result**

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.061	≥ 0.807	PASS
2DH5	Ant1	Hop	1.003	≥ 0.824	PASS
3DH5	Ant1	Hop	0.988	≥ 0.834	PASS

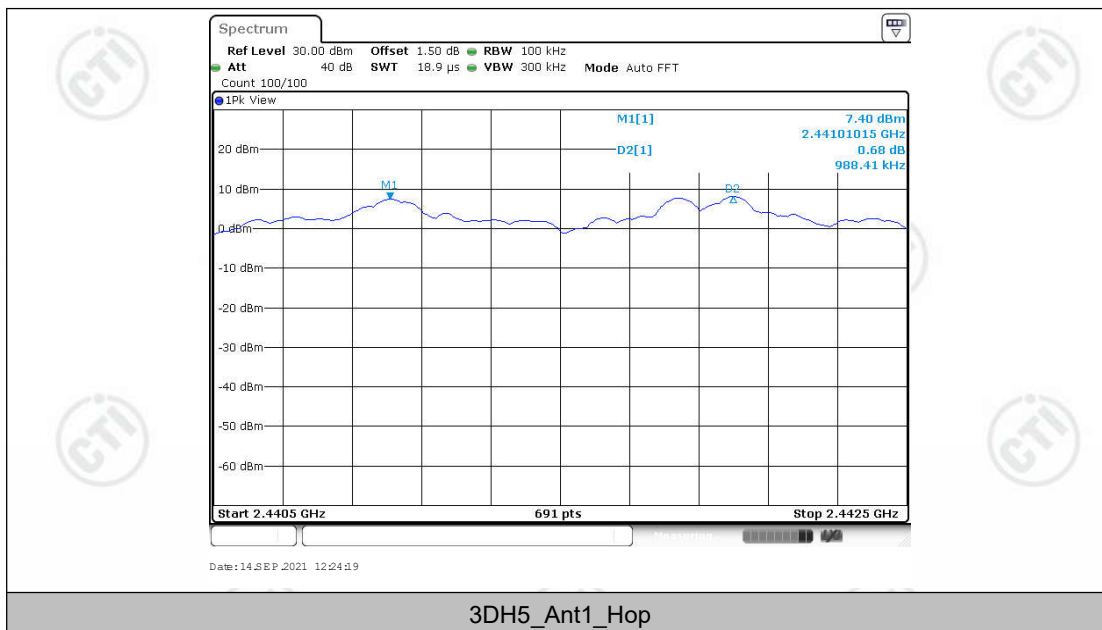
Test Graphs



DH5_Ant1_Hop



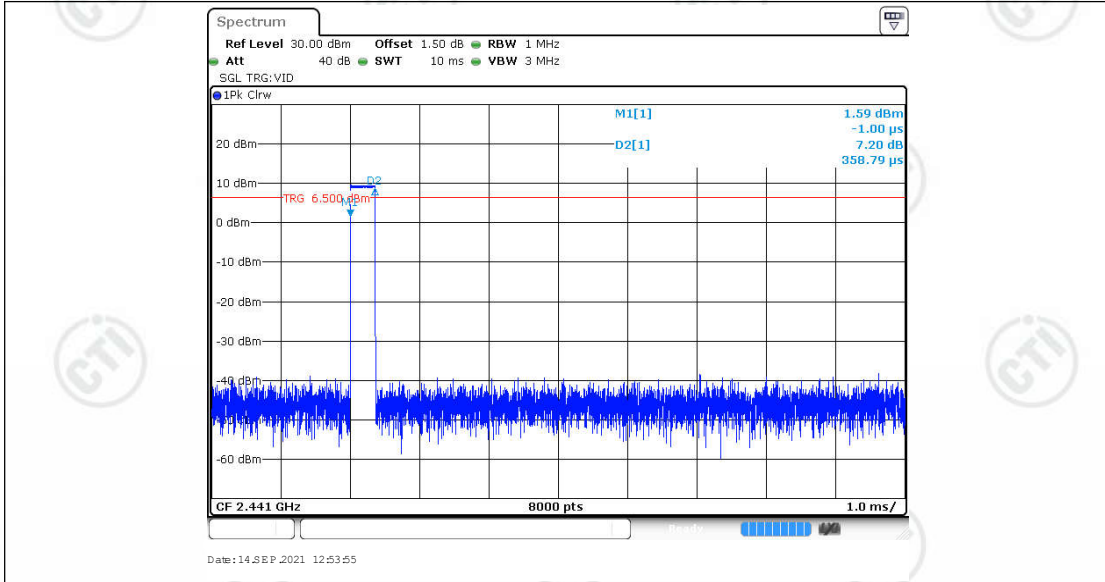
2DH5_Ant1_Hop



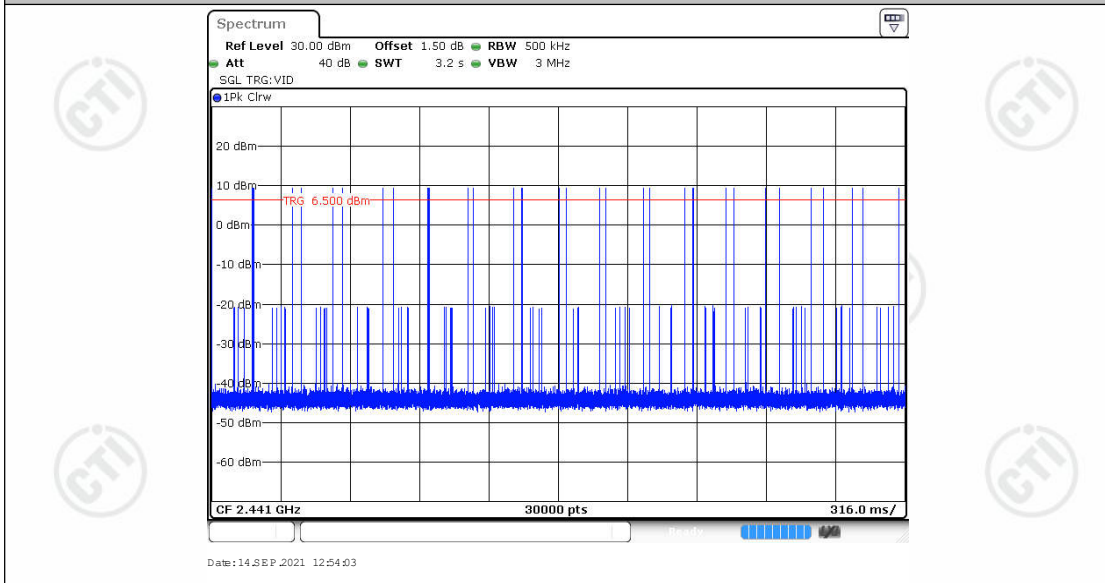
Appendix E: Time of occupancy**Test Result**

Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.36	320	0.115	<=0.4	PASS
DH3	Ant1	Hop	0.37	180	0.066	<=0.4	PASS
DH5	Ant1	Hop	2.86	120	0.344	<=0.4	PASS
2DH1	Ant1	Hop	0.27	330	0.088	<=0.4	PASS
2DH3	Ant1	Hop	0.27	170	0.045	<=0.4	PASS
2DH5	Ant1	Hop	2.87	100	0.287	<=0.4	PASS
3DH1	Ant1	Hop	0.23	330	0.075	<=0.4	PASS
3DH3	Ant1	Hop	0.23	170	0.039	<=0.4	PASS
3DH5	Ant1	Hop	2.87	50	0.143	<=0.4	PASS

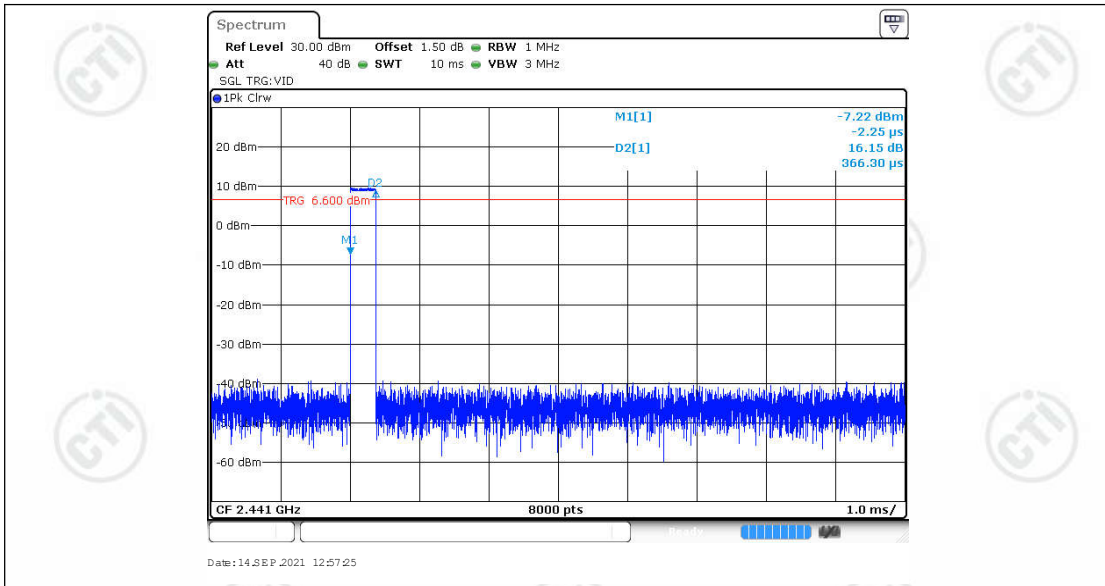
Test Graphs



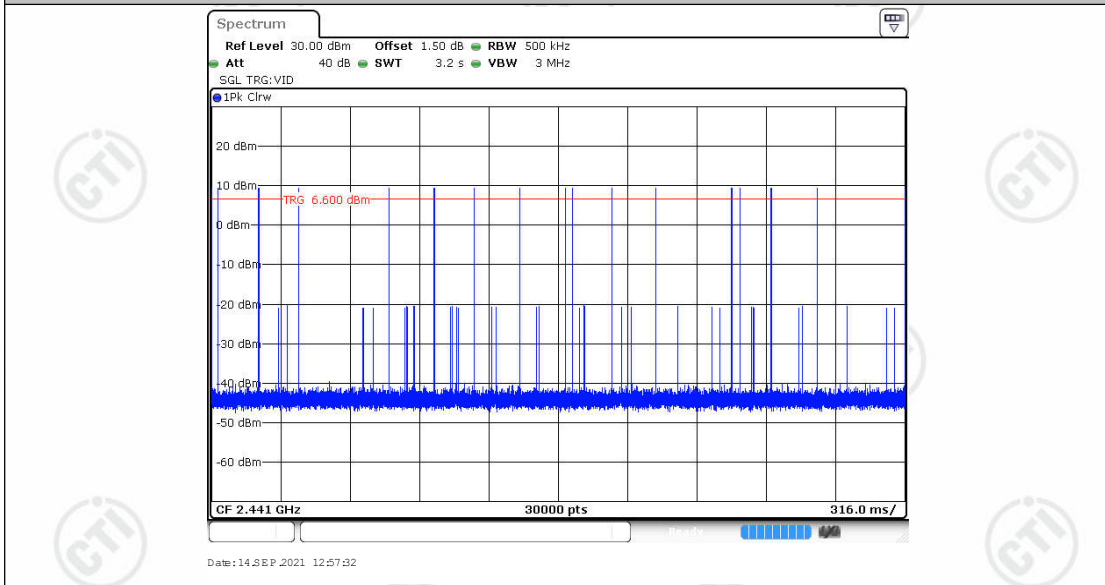
DH1_Ant1_Hop



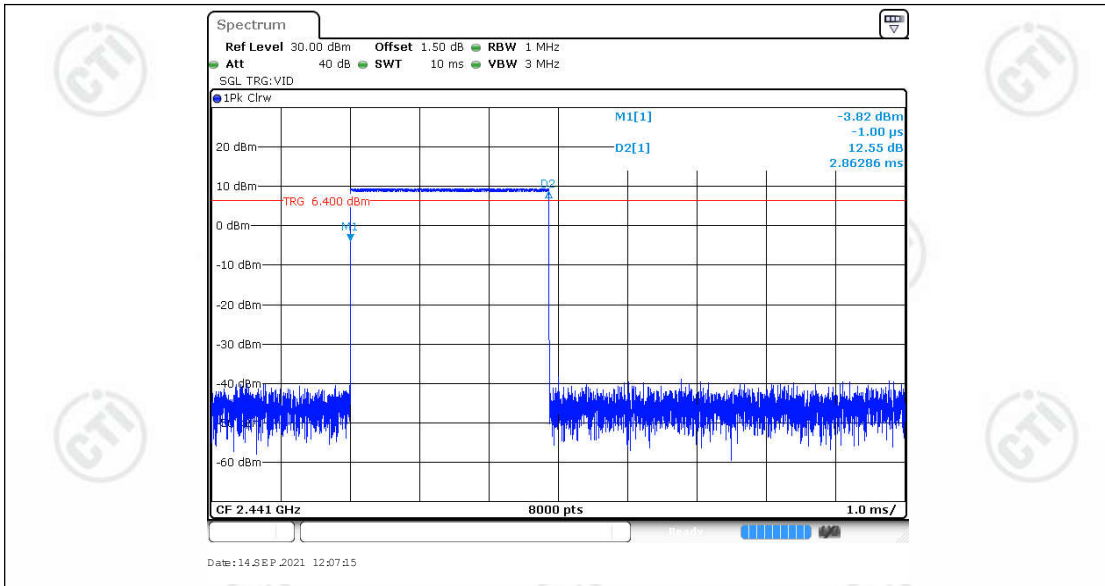
DH1_Ant1_Hop



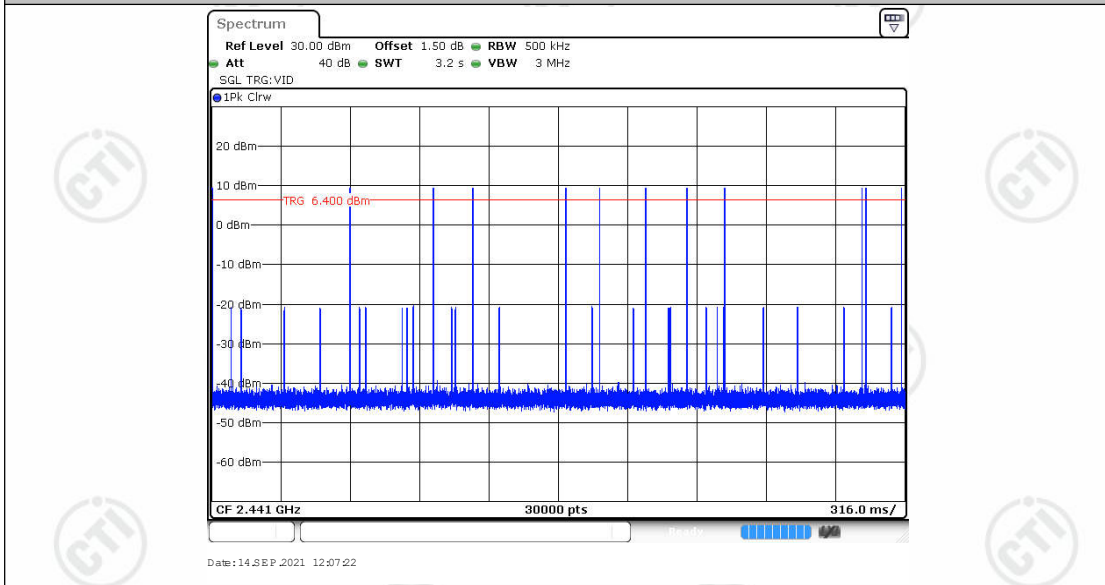
DH3_Ant1_Hop



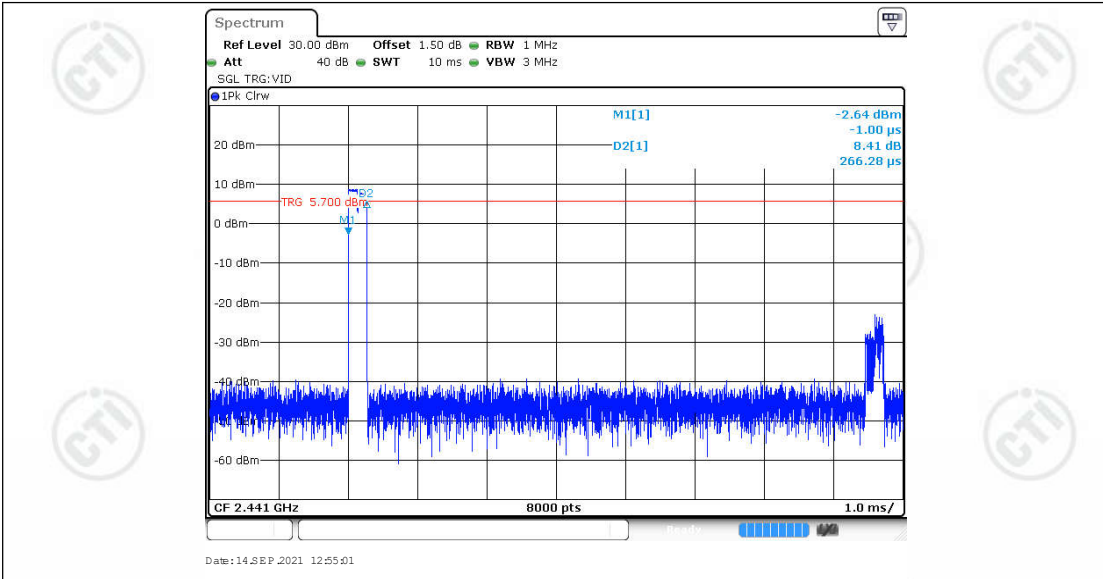
DH3_Ant1_Hop



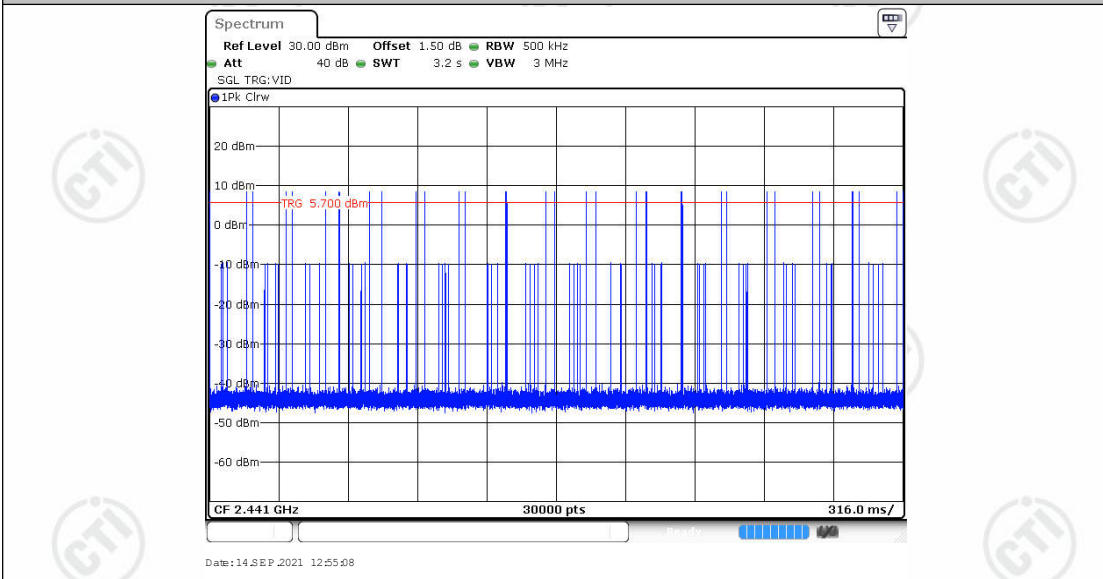
DH5_Ant1_Hop



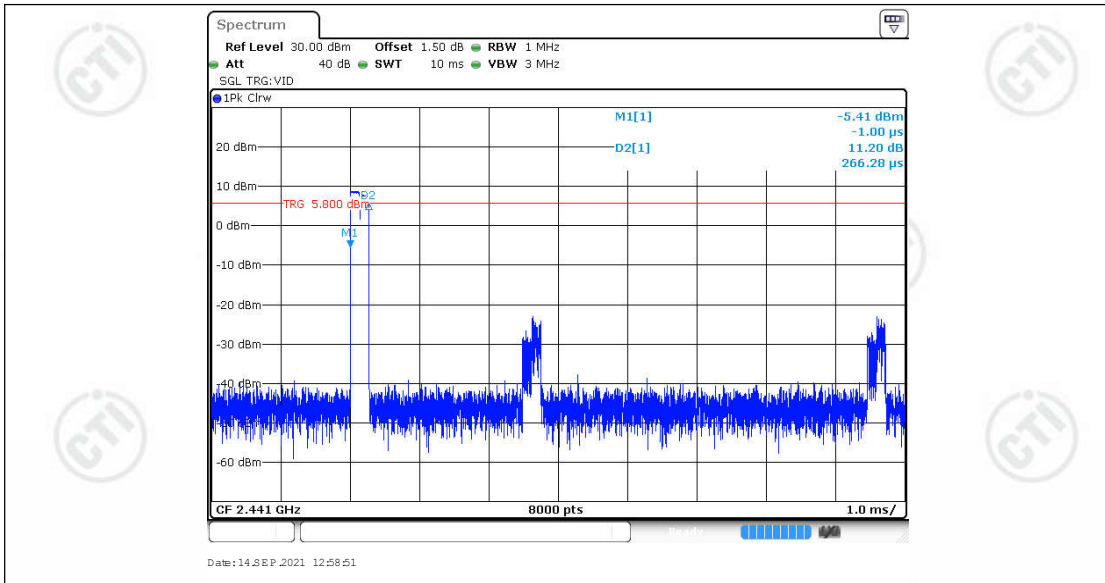
DH5_Ant1_Hop



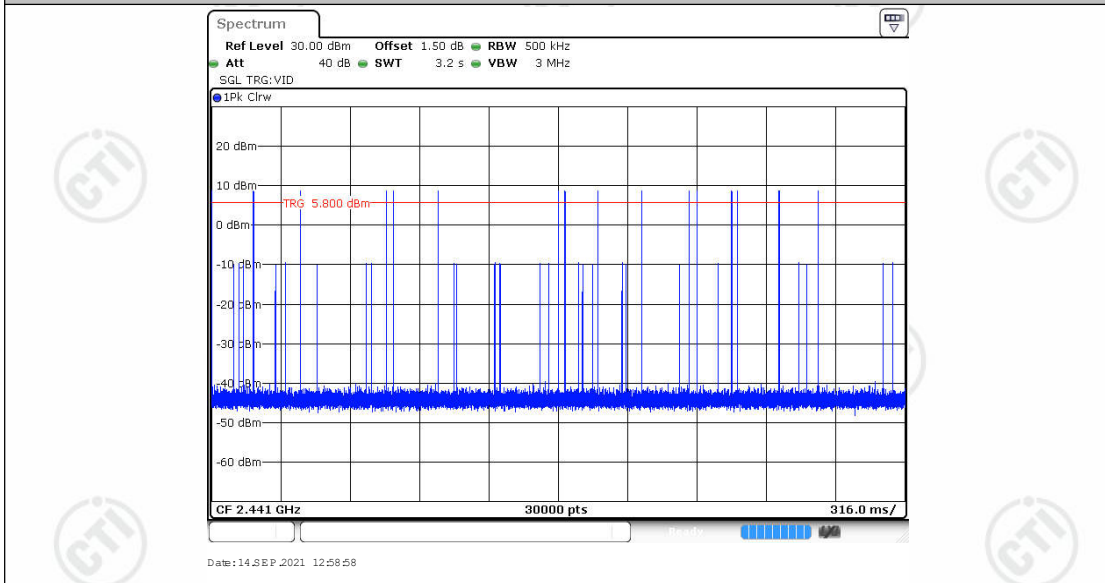
2DH1_Ant1_Hop



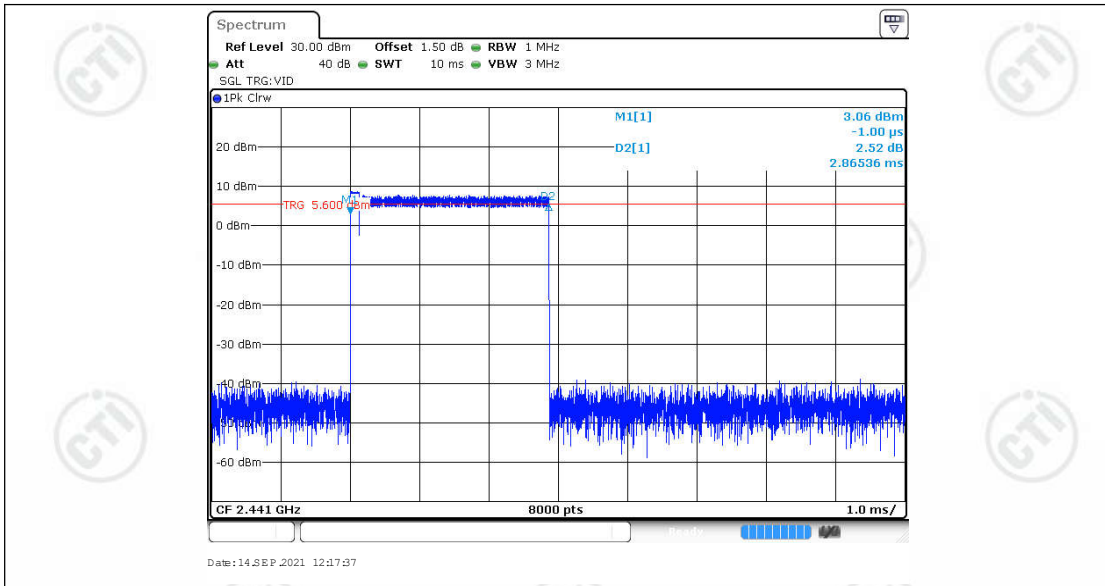
2DH1_Ant1_Hop



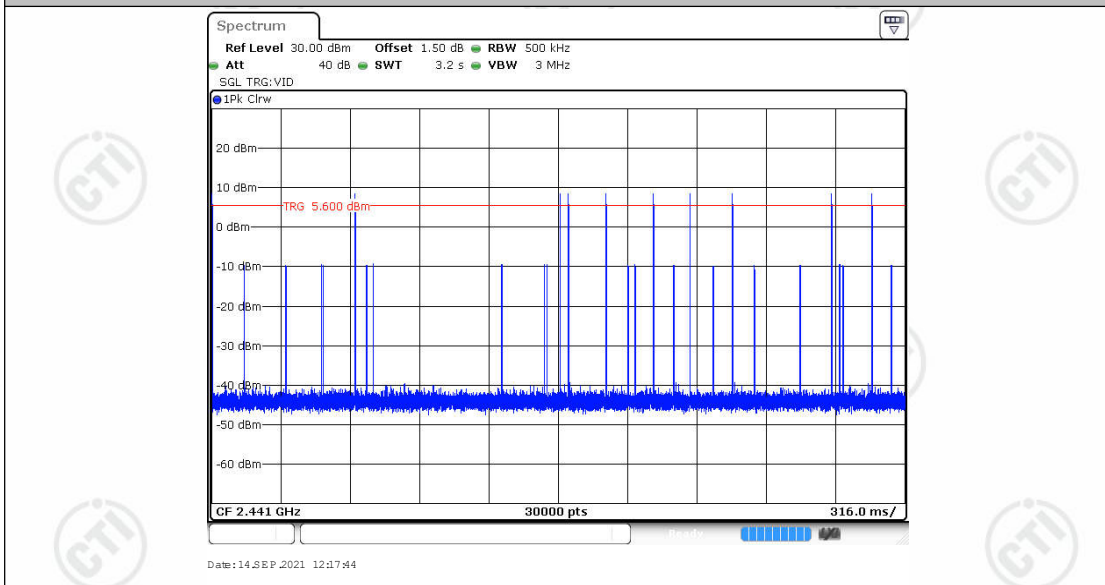
2DH3_Ant1_Hop



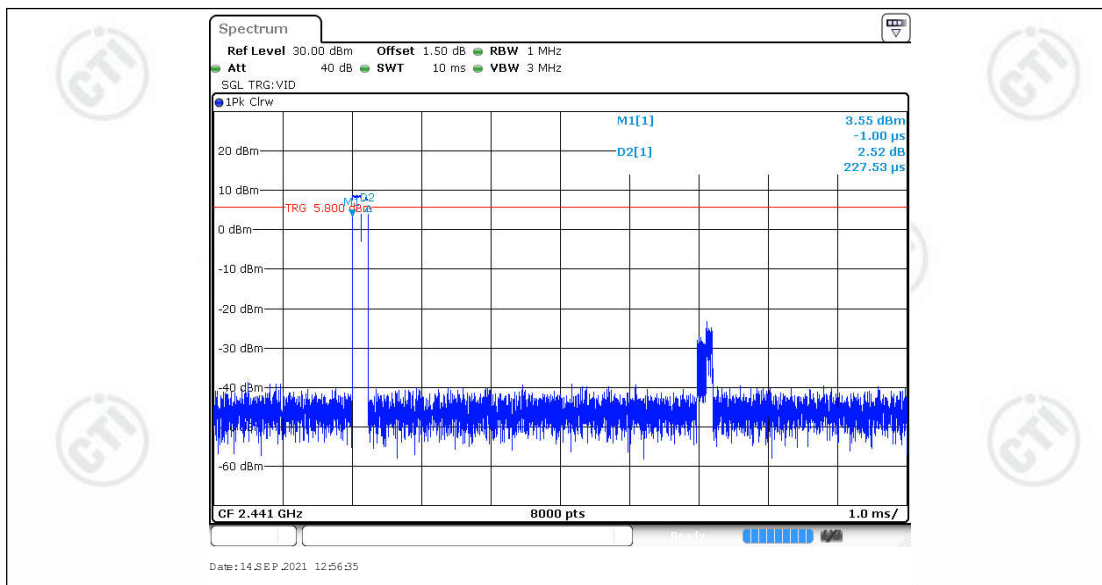
2DH3_Ant1_Hop



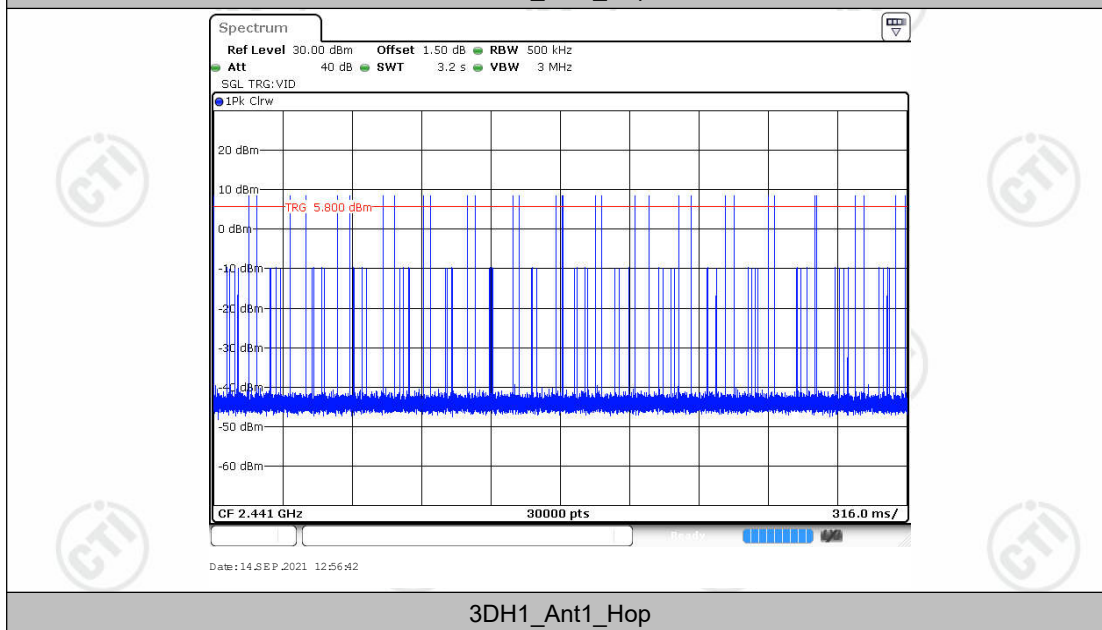
2DH5_Ant1_Hop



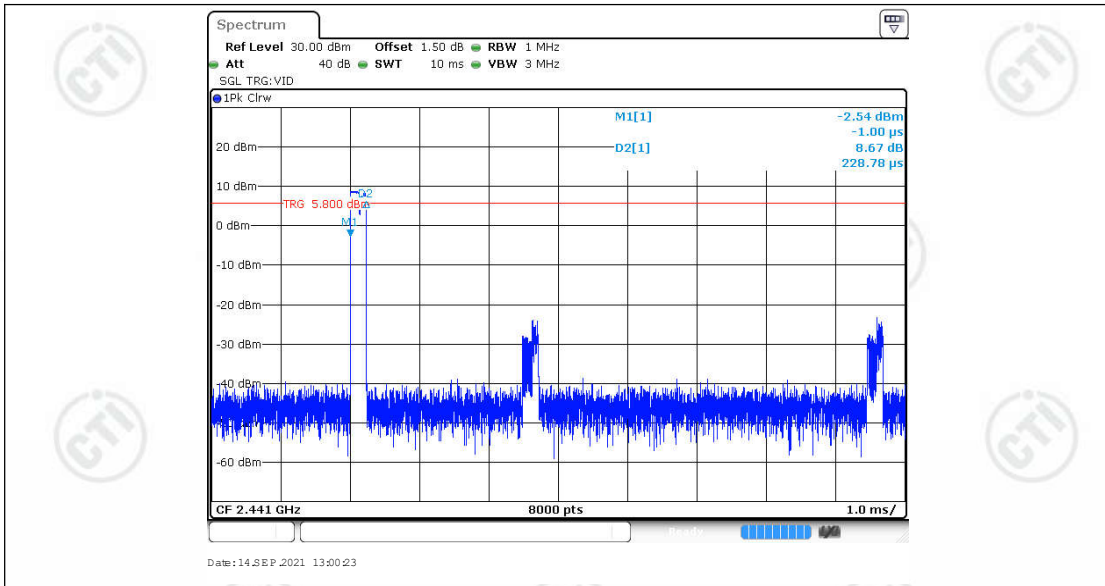
2DH5_Ant1_Hop



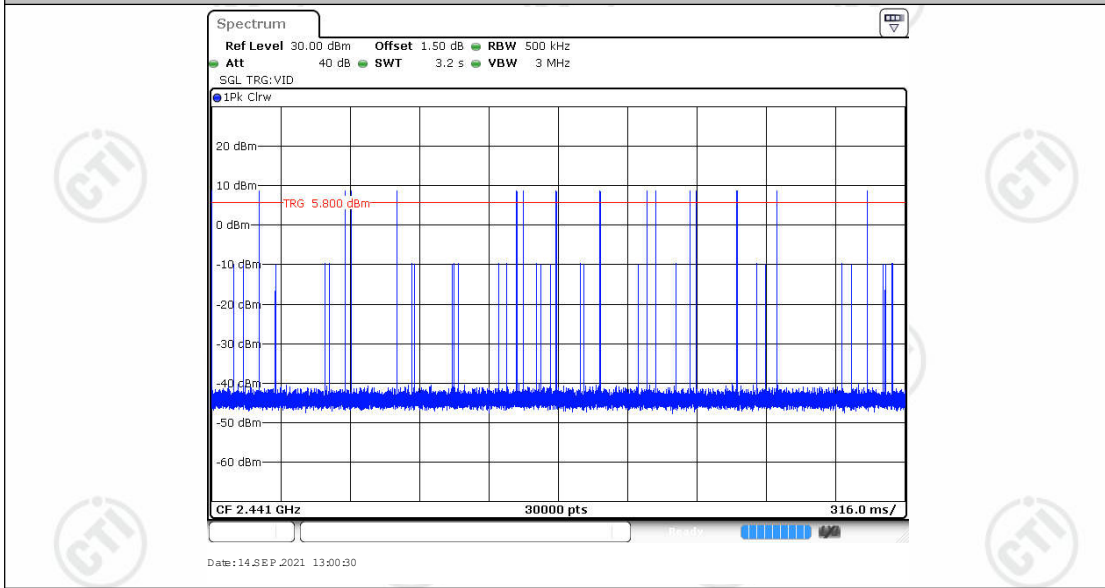
3DH1_Ant1_Hop



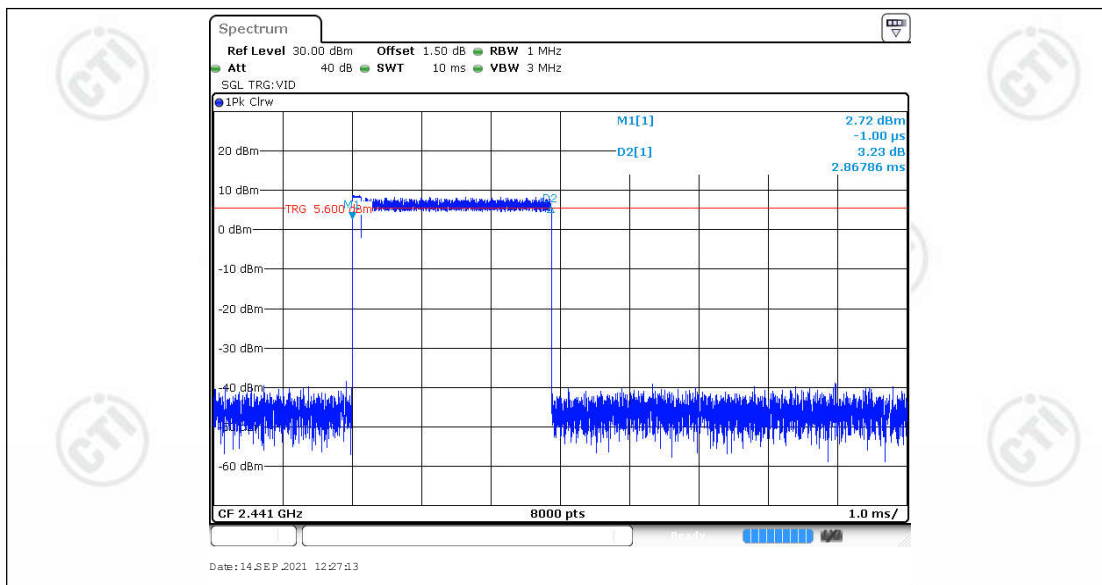
3DH1_Ant1_Hop



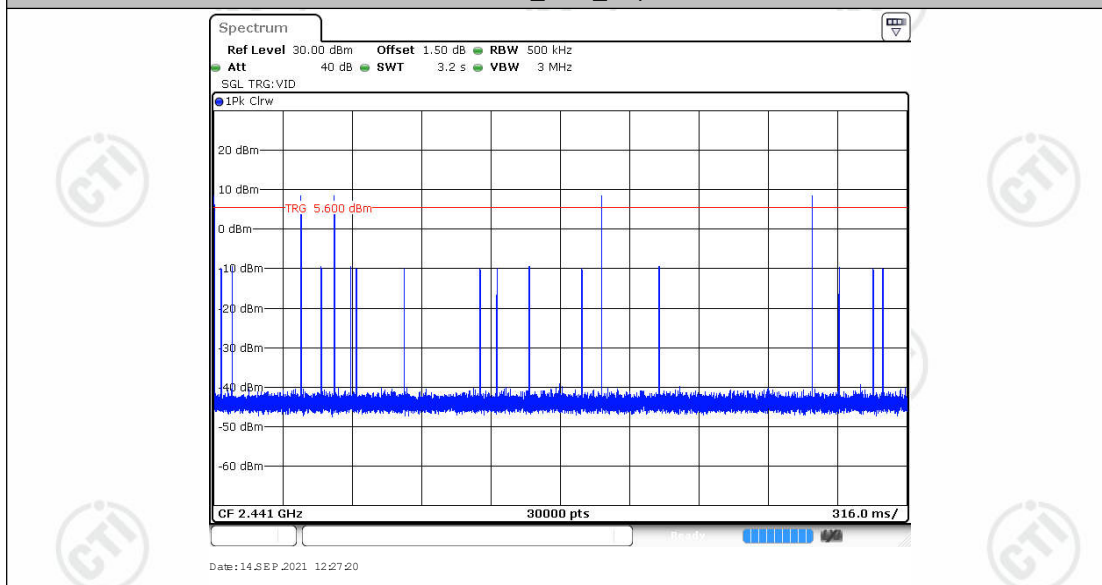
3DH3_Ant1_Hop



3DH3_Ant1_Hop



3DH5_Ant1_Hop

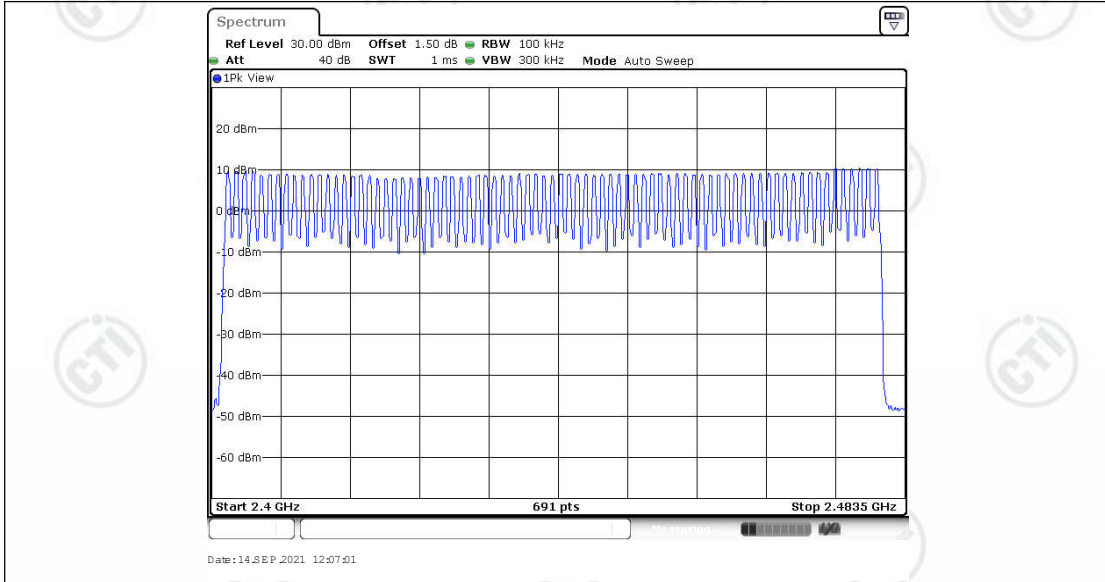


3DH5_Ant1_Hop

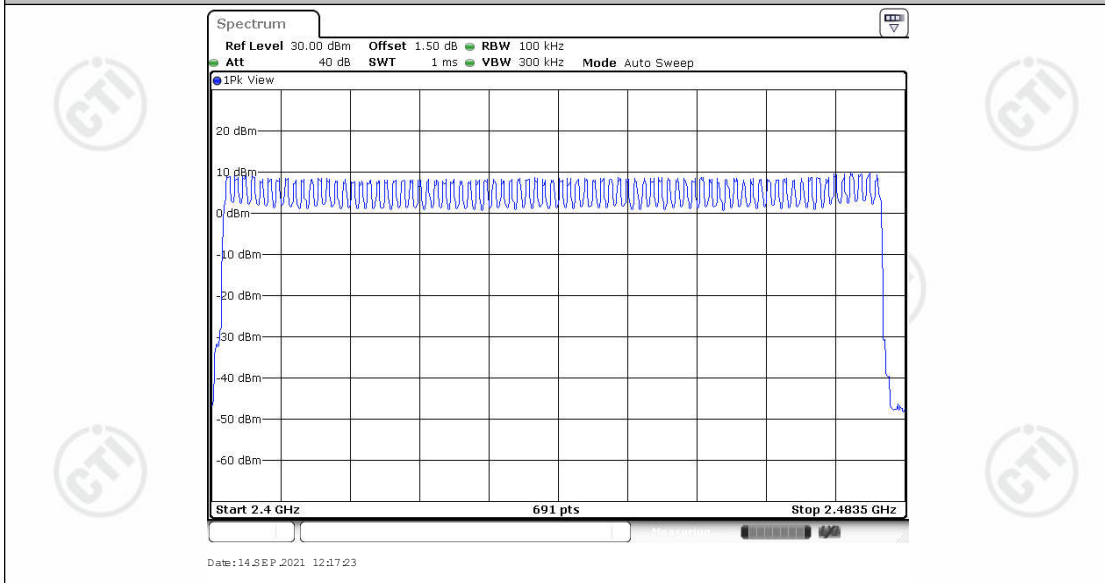
Appendix F: Number of hopping channels**Test Result**

Test Mode	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

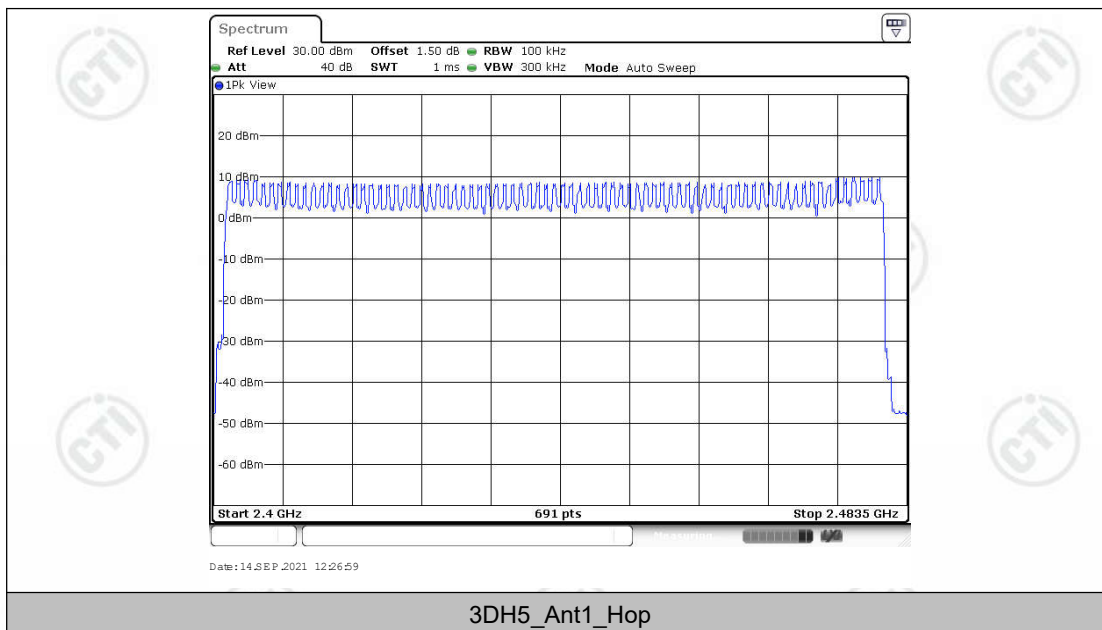
Test Graphs



DH5_Ant1_Hop



2DH5_Ant1_Hop

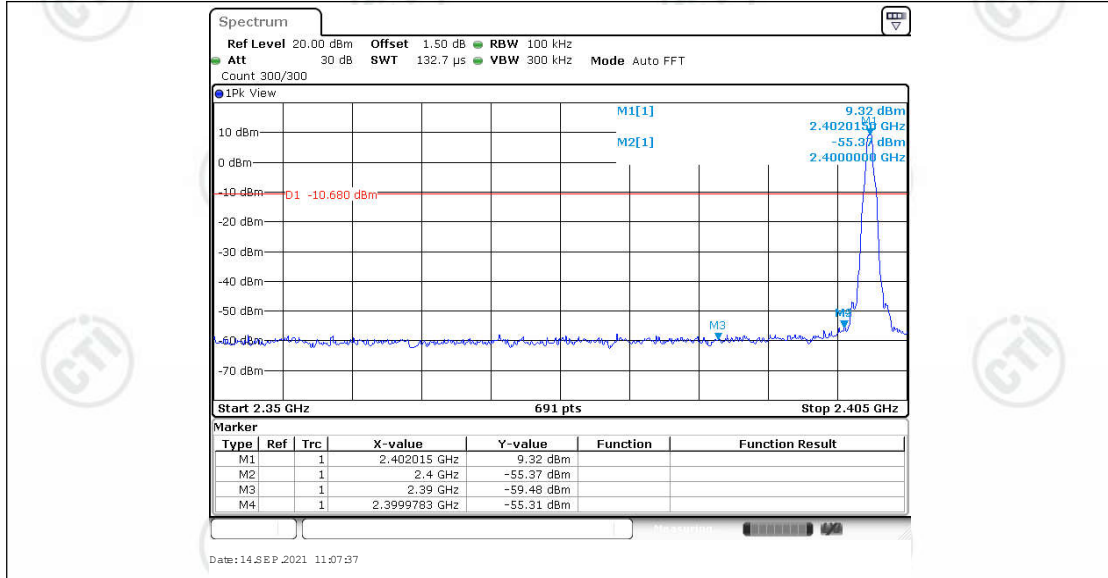


Appendix G: Band edge measurements

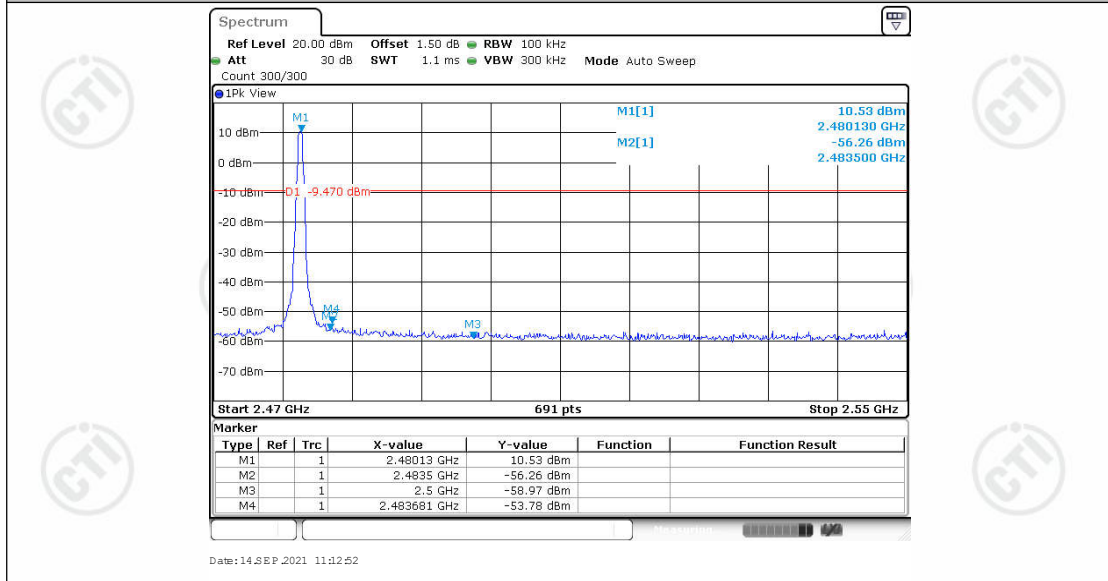
Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	9.32	-55.31	<=-10.68	PASS
		High	2480	10.53	-53.78	<=-9.47	PASS
		Low	Hop_2402	9.33	-57.41	<=-10.67	PASS
		High	Hop_2480	10.34	-56.9	<=-9.66	PASS
2DH5	Ant1	Low	2402	8.73	-50.34	<=-11.27	PASS
		High	2480	9.92	-56.19	<=-10.08	PASS
		Low	Hop_2402	8.91	-56.52	<=-11.09	PASS
		High	Hop_2480	9.88	-55.65	<=-10.12	PASS
3DH5	Ant1	Low	2402	9.20	-48.46	<=-10.8	PASS
		High	2480	9.94	-55.34	<=-10.06	PASS
		Low	Hop_2402	8.69	-57.44	<=-11.31	PASS
		High	Hop_2480	9.85	-56.15	<=-10.15	PASS

Test Graphs



DH5_Ant1_Low_2402



DH5_Ant1_High_2480