

Appendix: Bluetooth Classic

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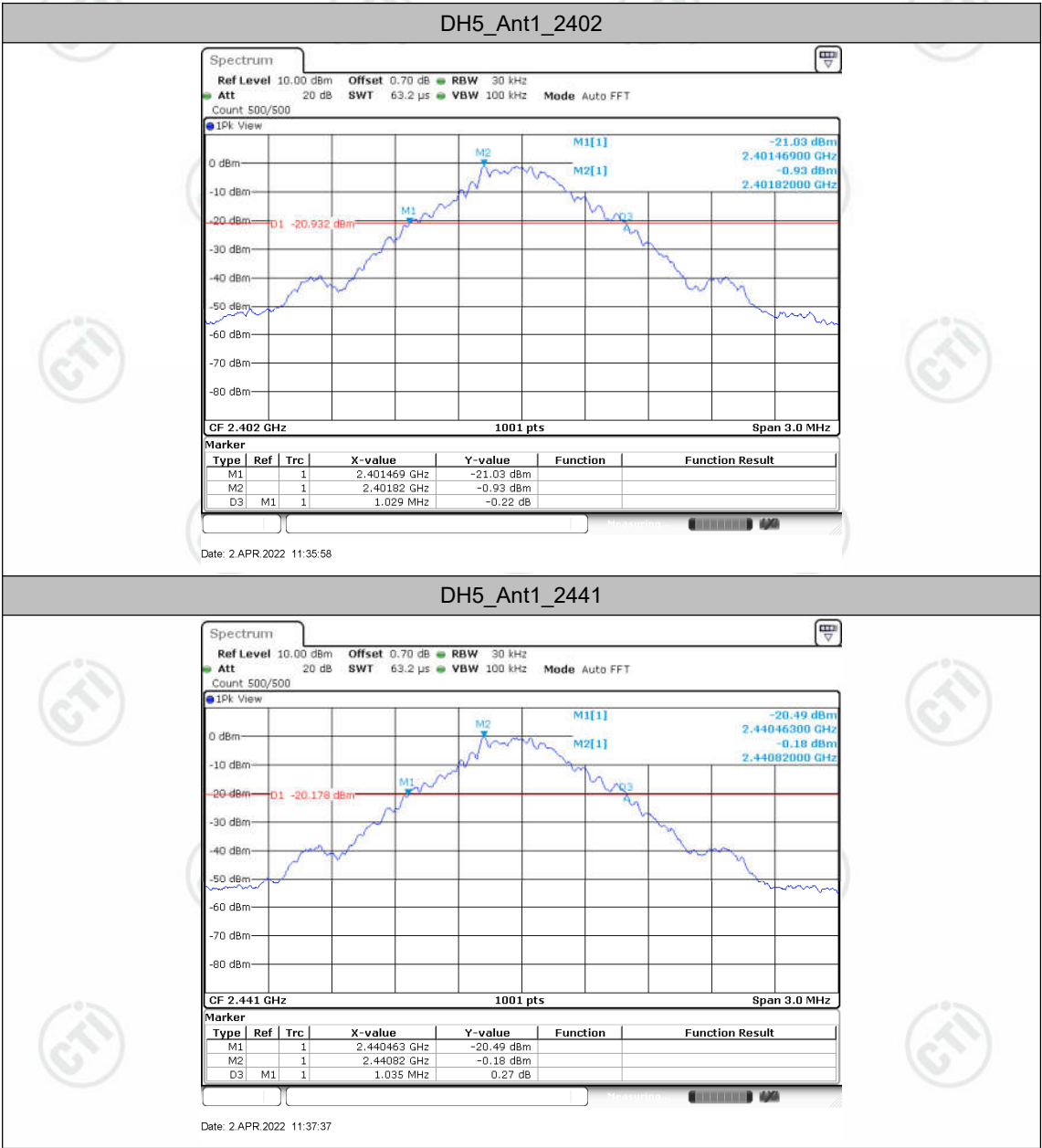
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Appendix A: 20dB Emission Bandwidth

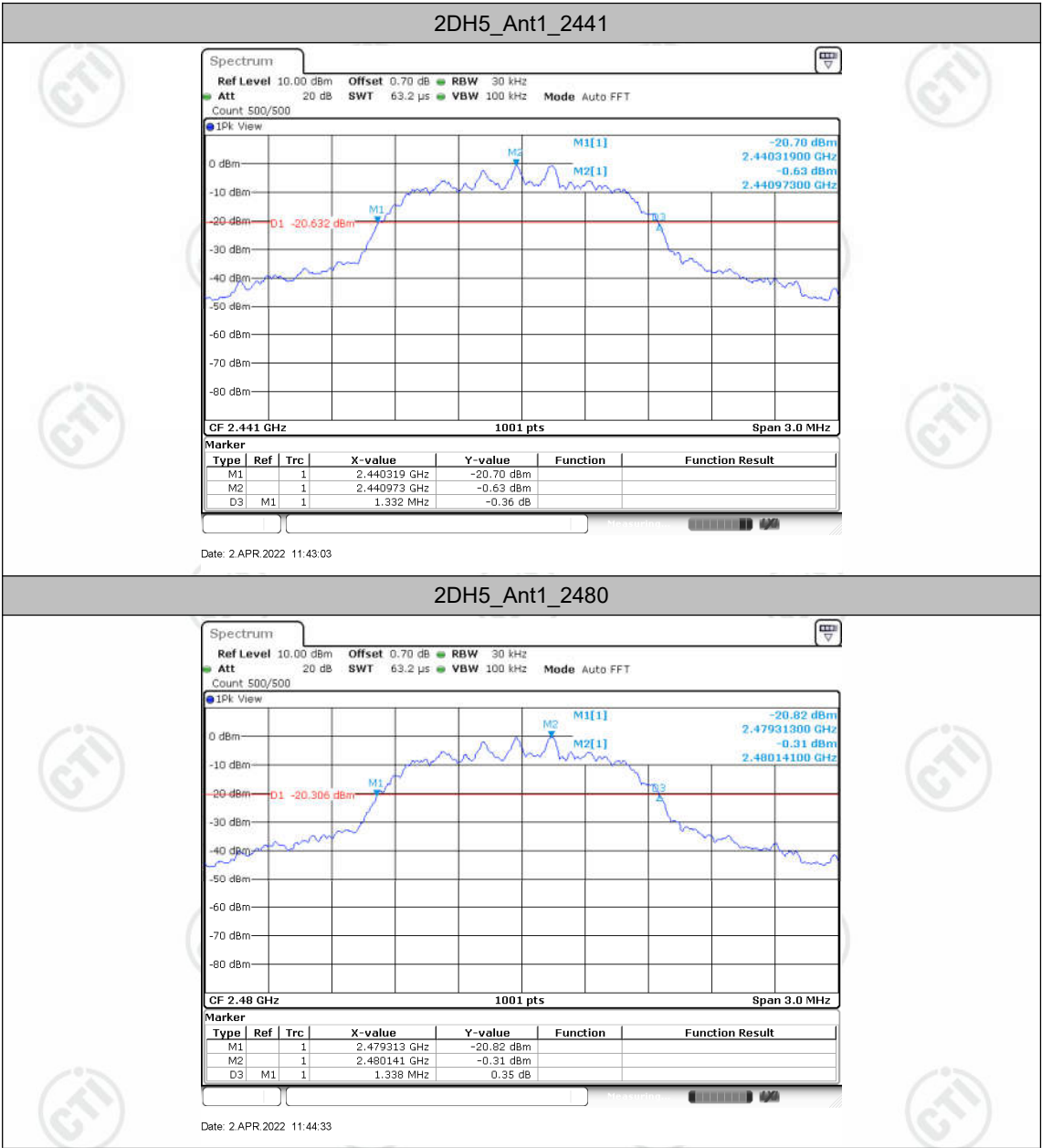
Test Result

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.469	2402.498	---	PASS
		2441	1.035	2440.463	2441.498	---	PASS
		2480	1.038	2479.460	2480.498	---	PASS
2DH5	Ant1	2402	1.329	2401.319	2402.648	---	PASS
		2441	1.332	2440.319	2441.651	---	PASS
		2480	1.338	2479.313	2480.651	---	PASS

Test Graphs







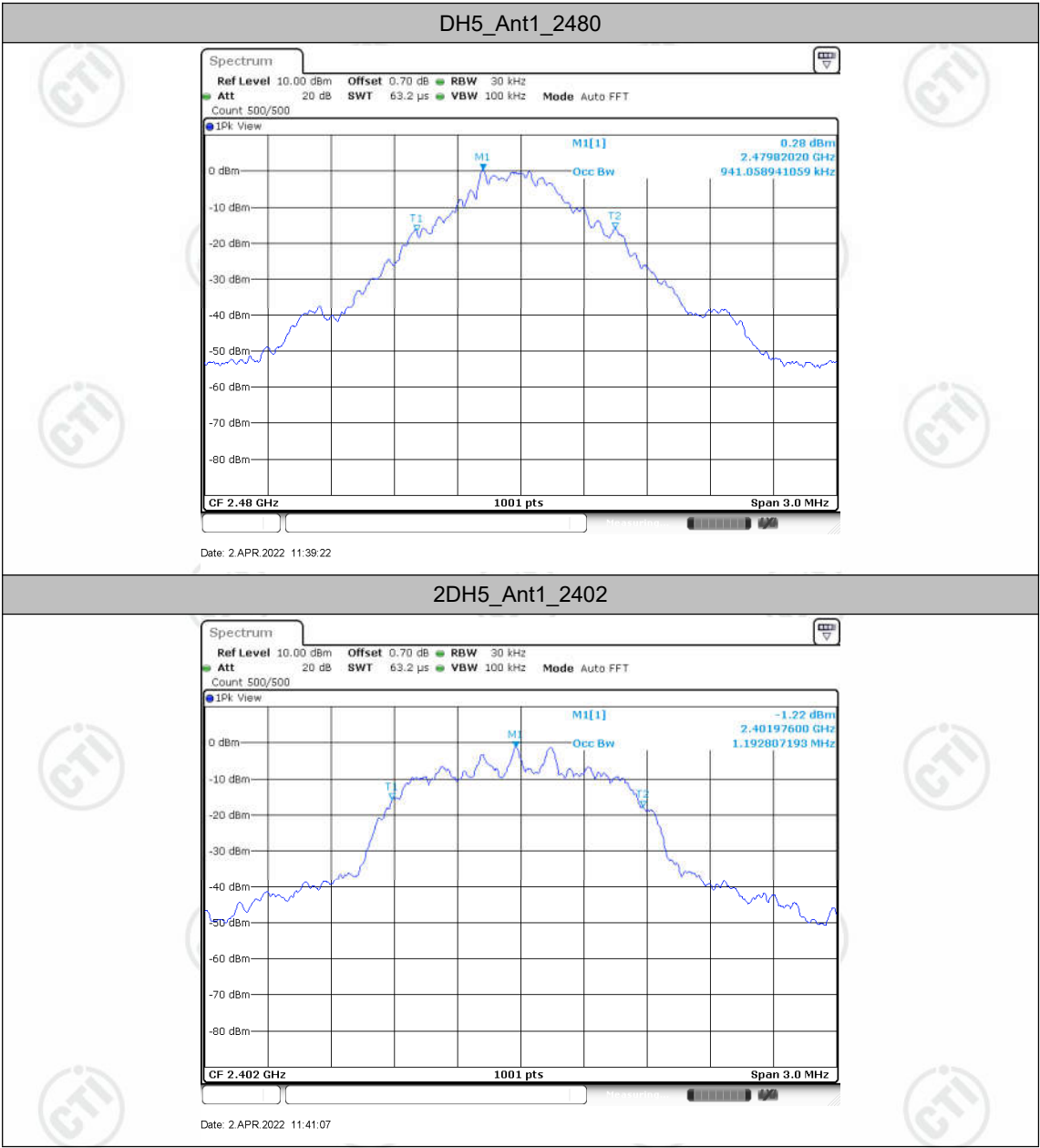
Appendix B: Occupied Channel Bandwidth

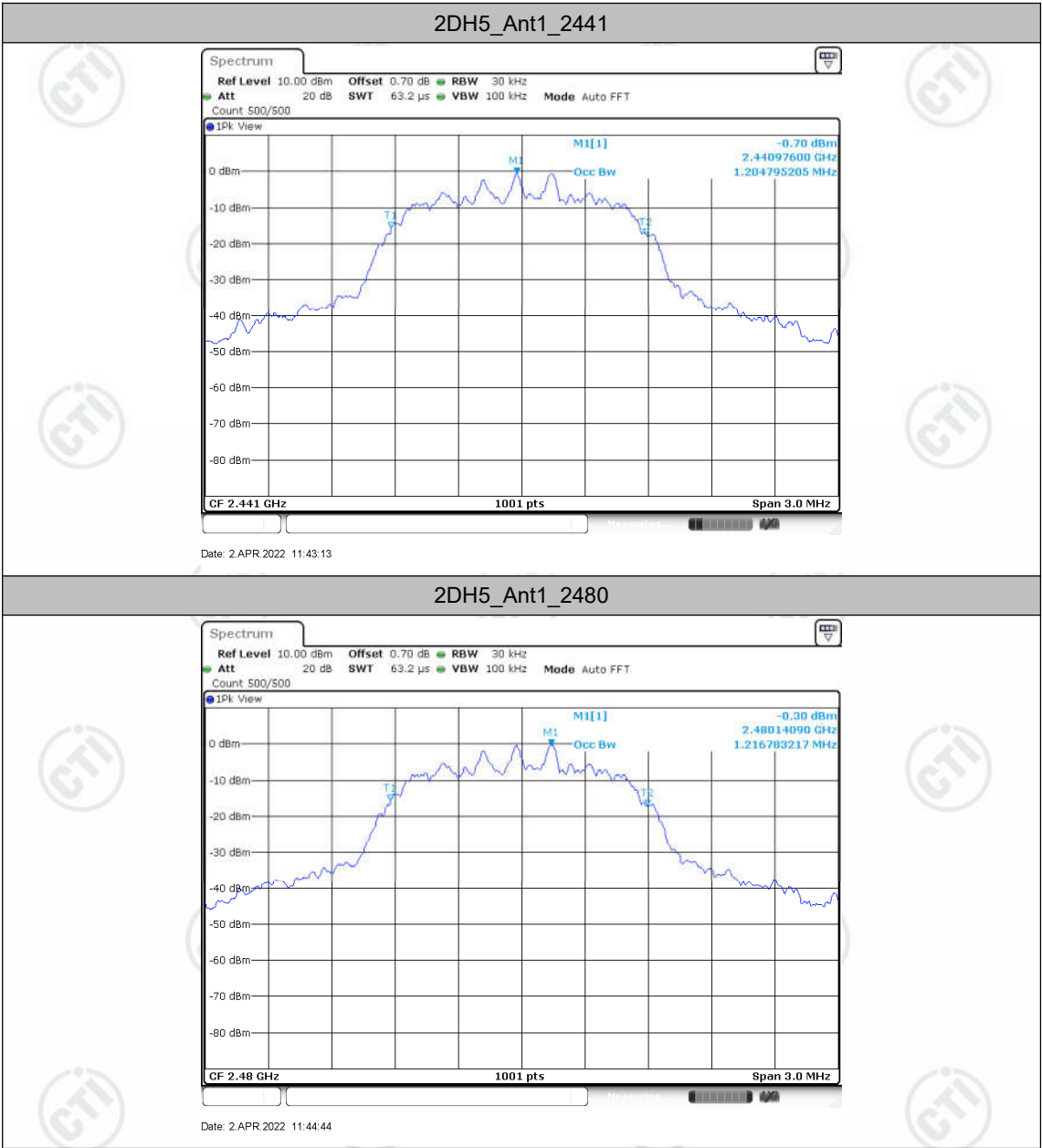
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.911	2401.529	2402.441	---	PASS
		2441	0.926	2440.517	2441.444	---	PASS
		2480	0.941	2479.505	2480.447	---	PASS
2DH5	Ant1	2402	1.193	2401.389	2402.581	---	PASS
		2441	1.205	2440.383	2441.587	---	PASS
		2480	1.217	2479.380	2480.596	---	PASS

Test Graphs







Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.54	<=20.97	PASS
		2441	2.2	<=20.97	PASS
		2480	2.61	<=20.97	PASS
2DH5	Ant1	2402	2.4	<=20.97	PASS
		2441	3.04	<=20.97	PASS
		2480	3.44	<=20.97	PASS

Test Graphs







Appendix D: Carrier frequency separation

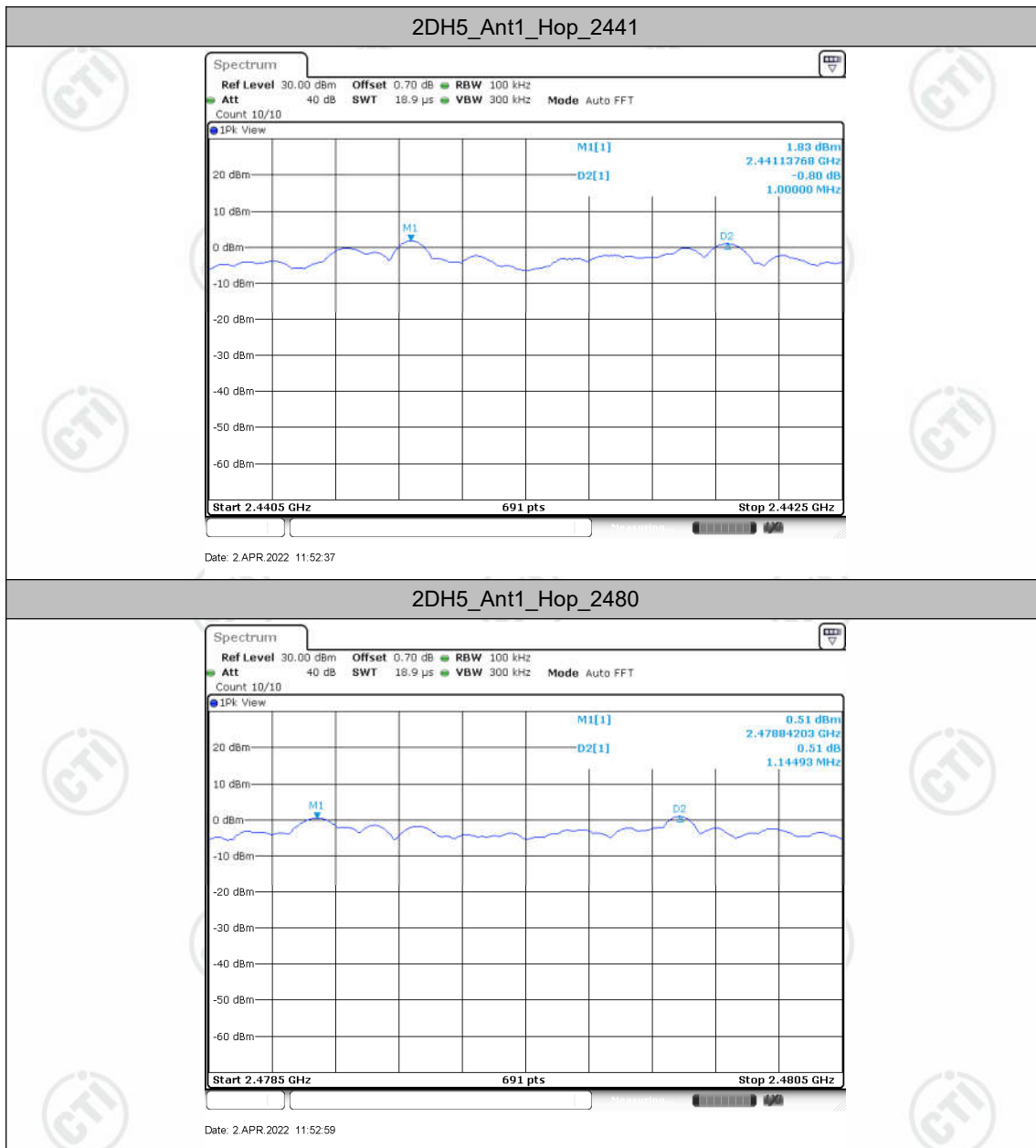
Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	0.936	≥ 0.686	PASS
		Hop_2441	1.075	≥ 0.69	PASS
		Hop_2480	0.93	≥ 0.692	PASS
2DH5	Ant1	Hop_2402	1.119	≥ 0.886	PASS
		Hop_2441	1	≥ 0.888	PASS
		Hop_2480	1.145	≥ 0.892	PASS

Test Graphs





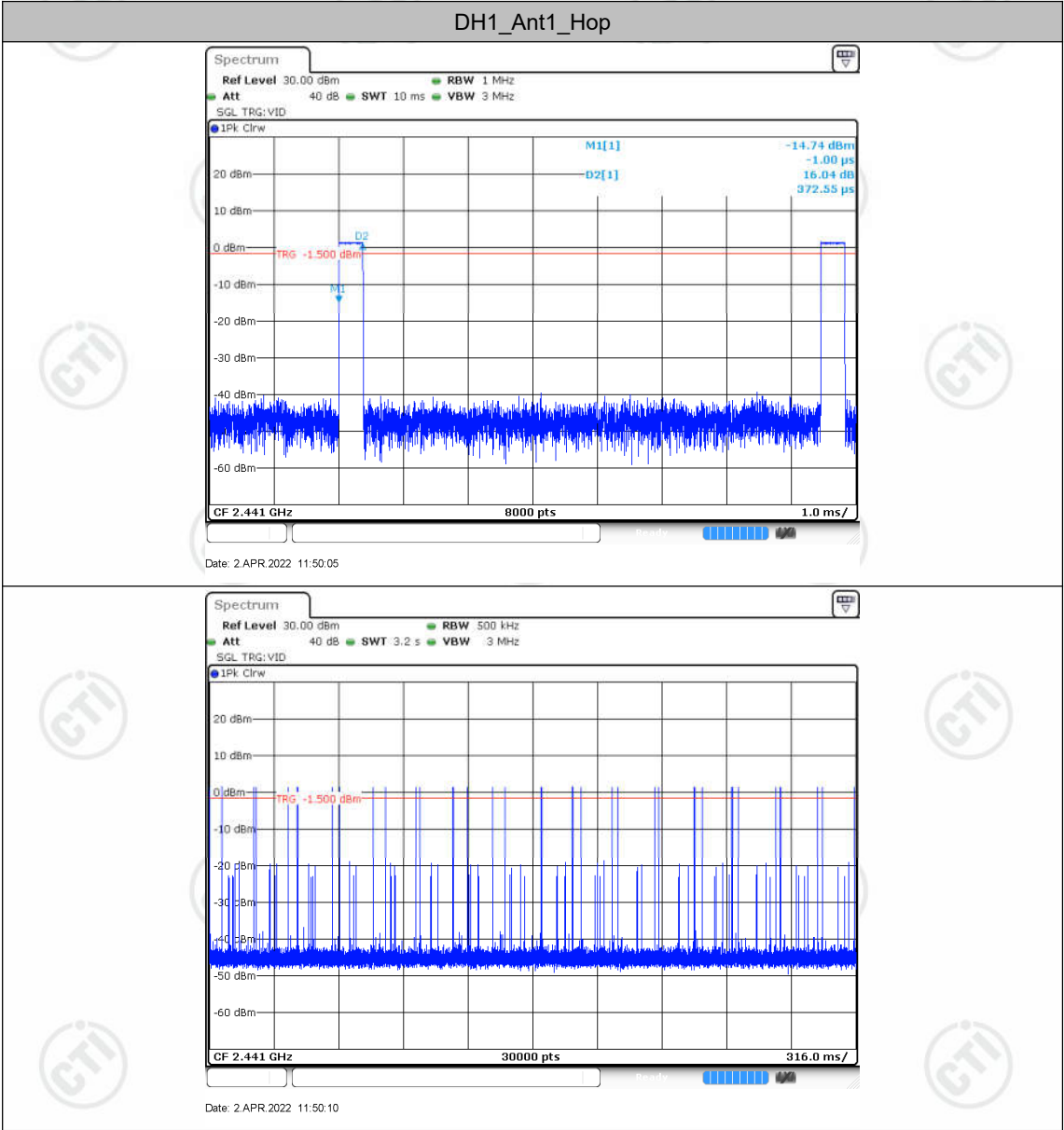


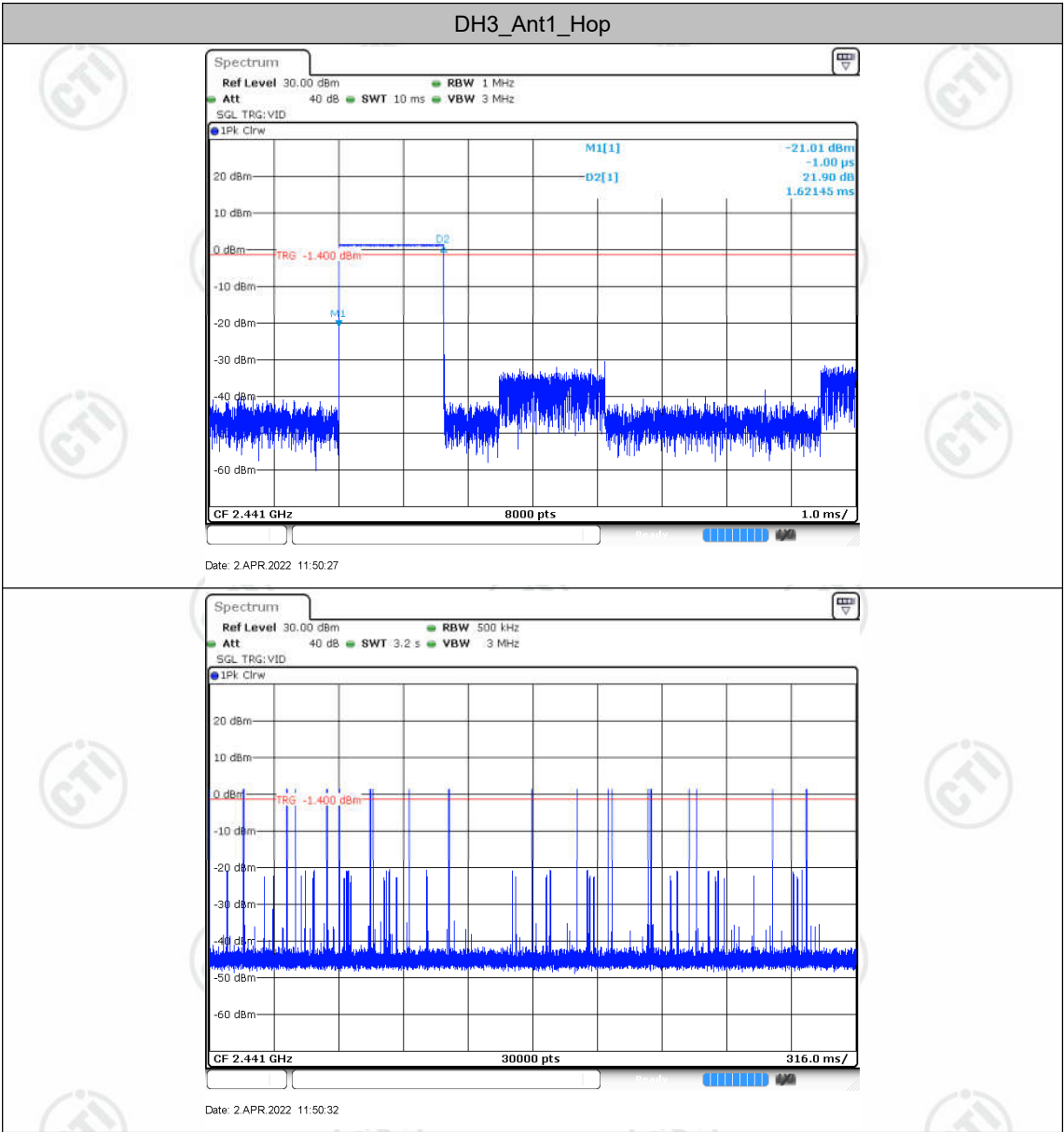
Appendix E: Time of occupancy

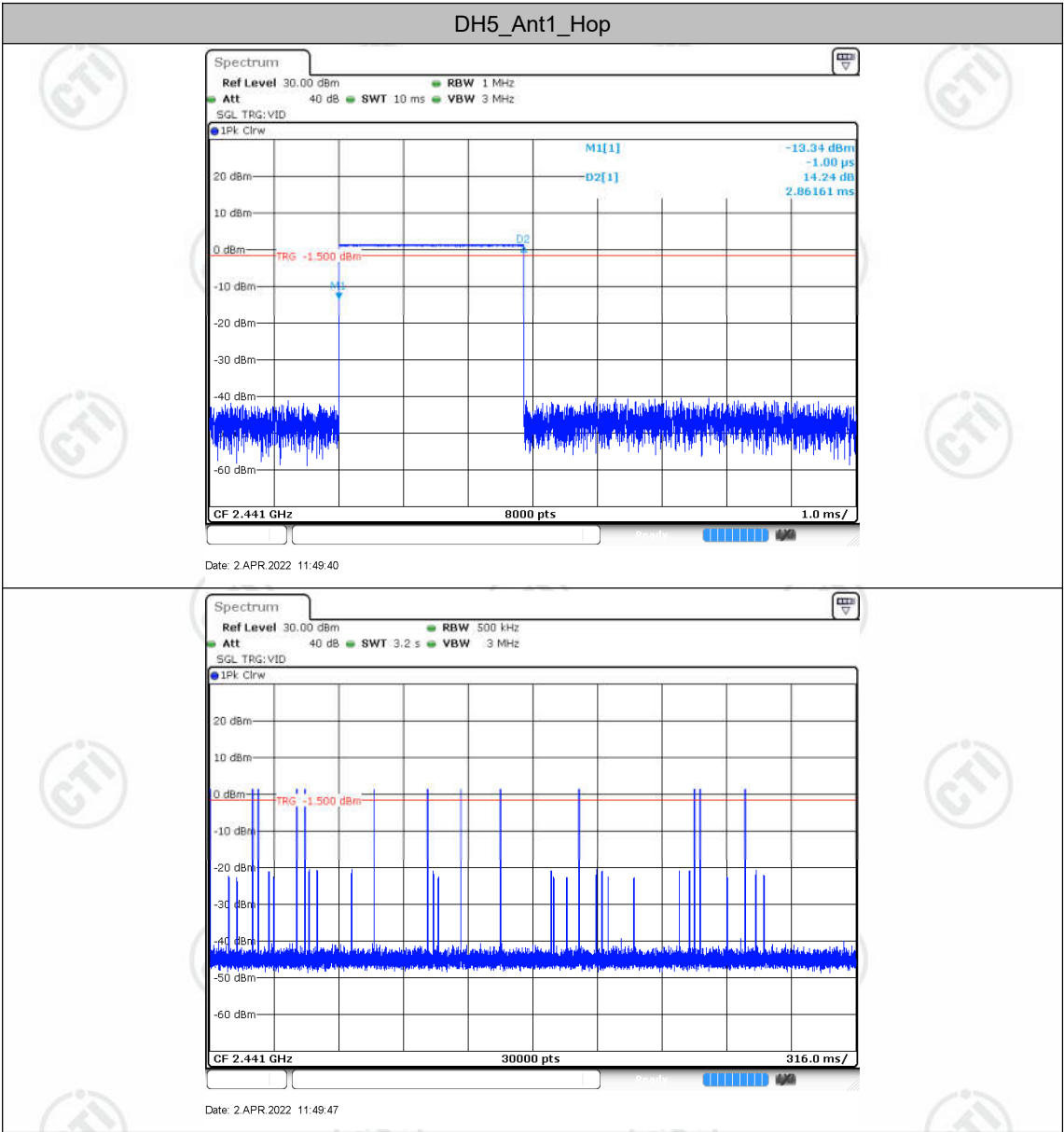
Test Result

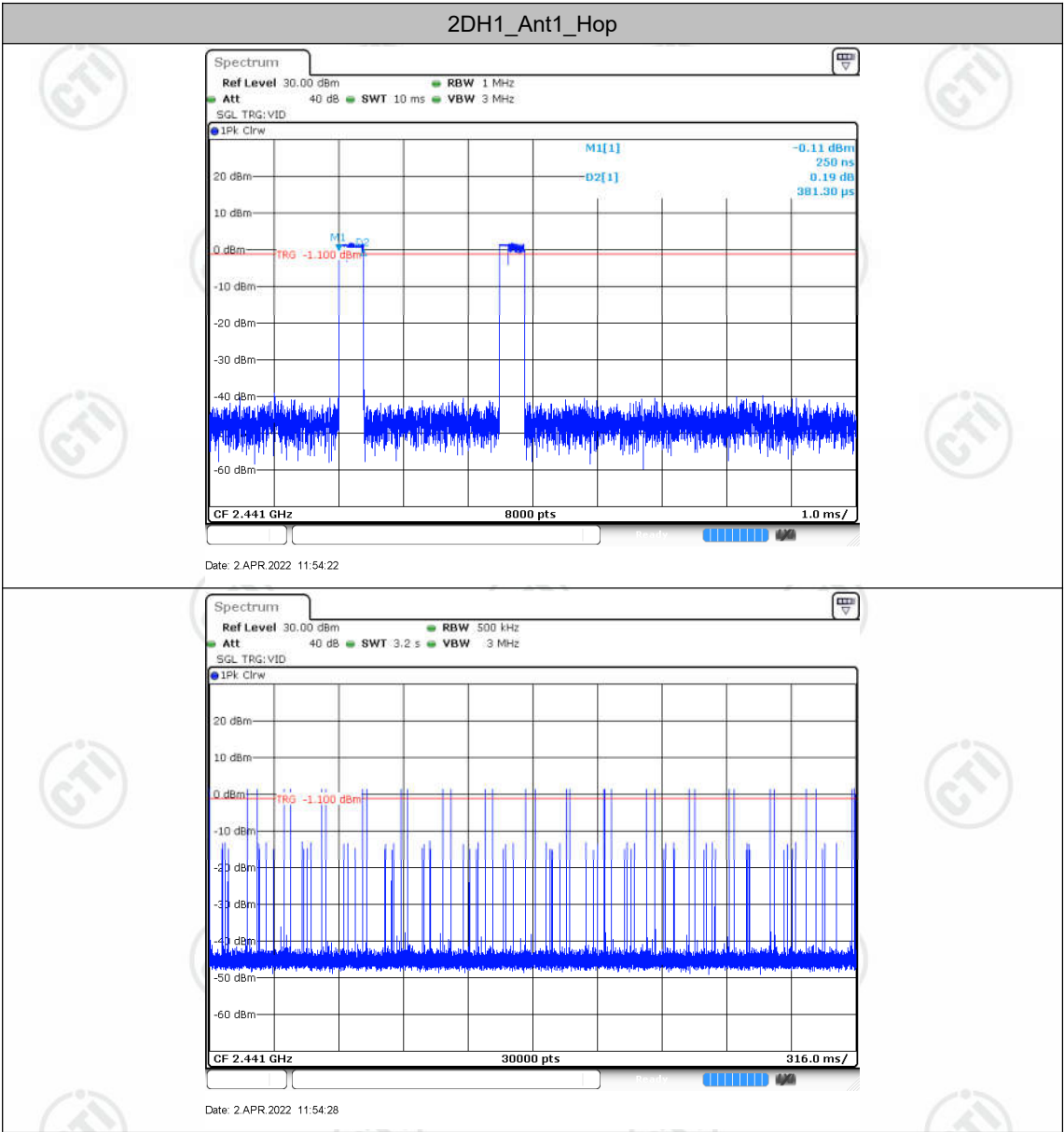
Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	330	0.123	<=0.4	PASS
DH3	Ant1	Hop	1.62	200	0.324	<=0.4	PASS
DH5	Ant1	Hop	2.86	130	0.372	<=0.4	PASS
2DH1	Ant1	Hop	0.38	330	0.126	<=0.4	PASS
2DH3	Ant1	Hop	1.63	170	0.276	<=0.4	PASS
2DH5	Ant1	Hop	2.87	100	0.287	<=0.4	PASS

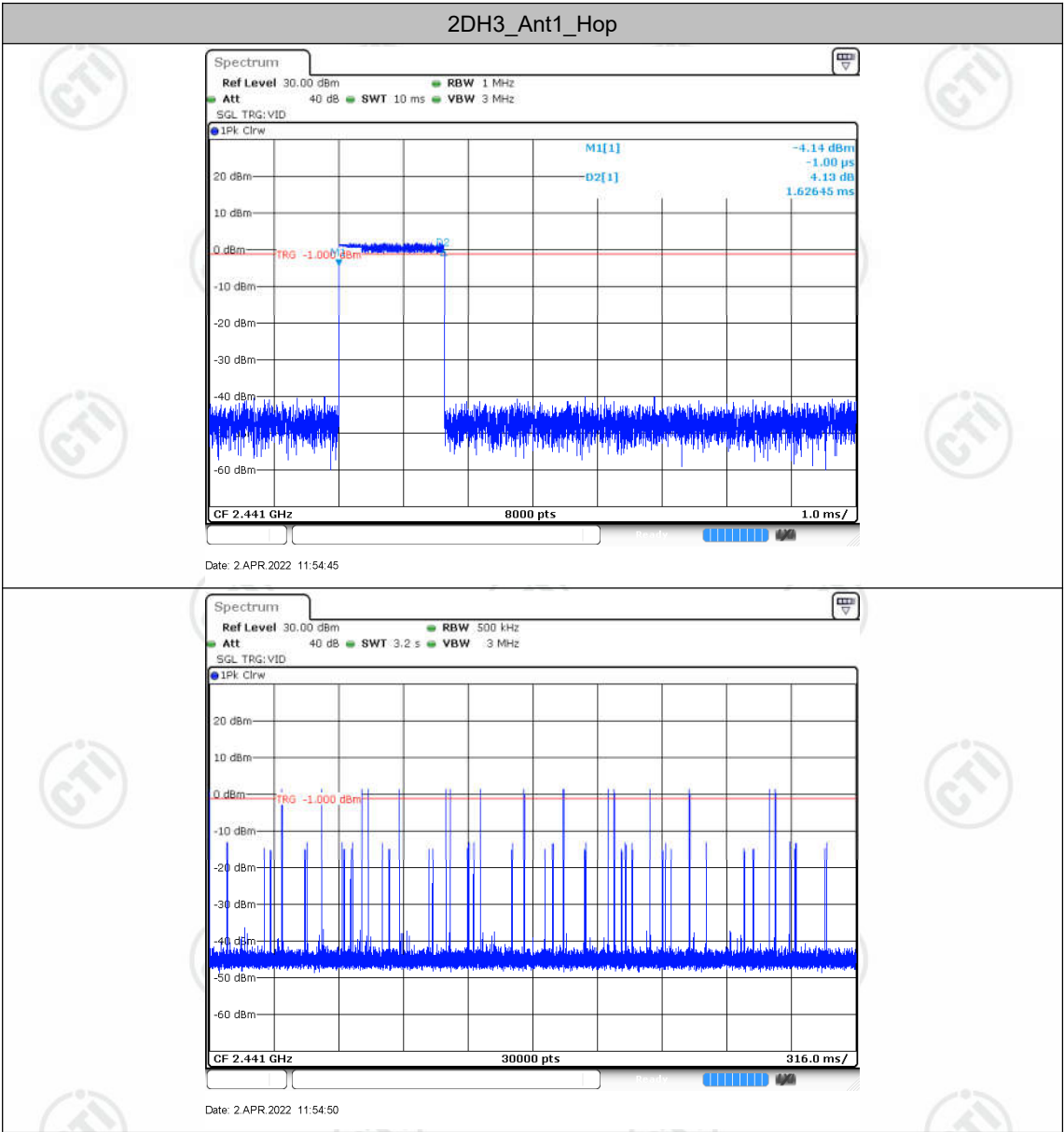
Test Graphs

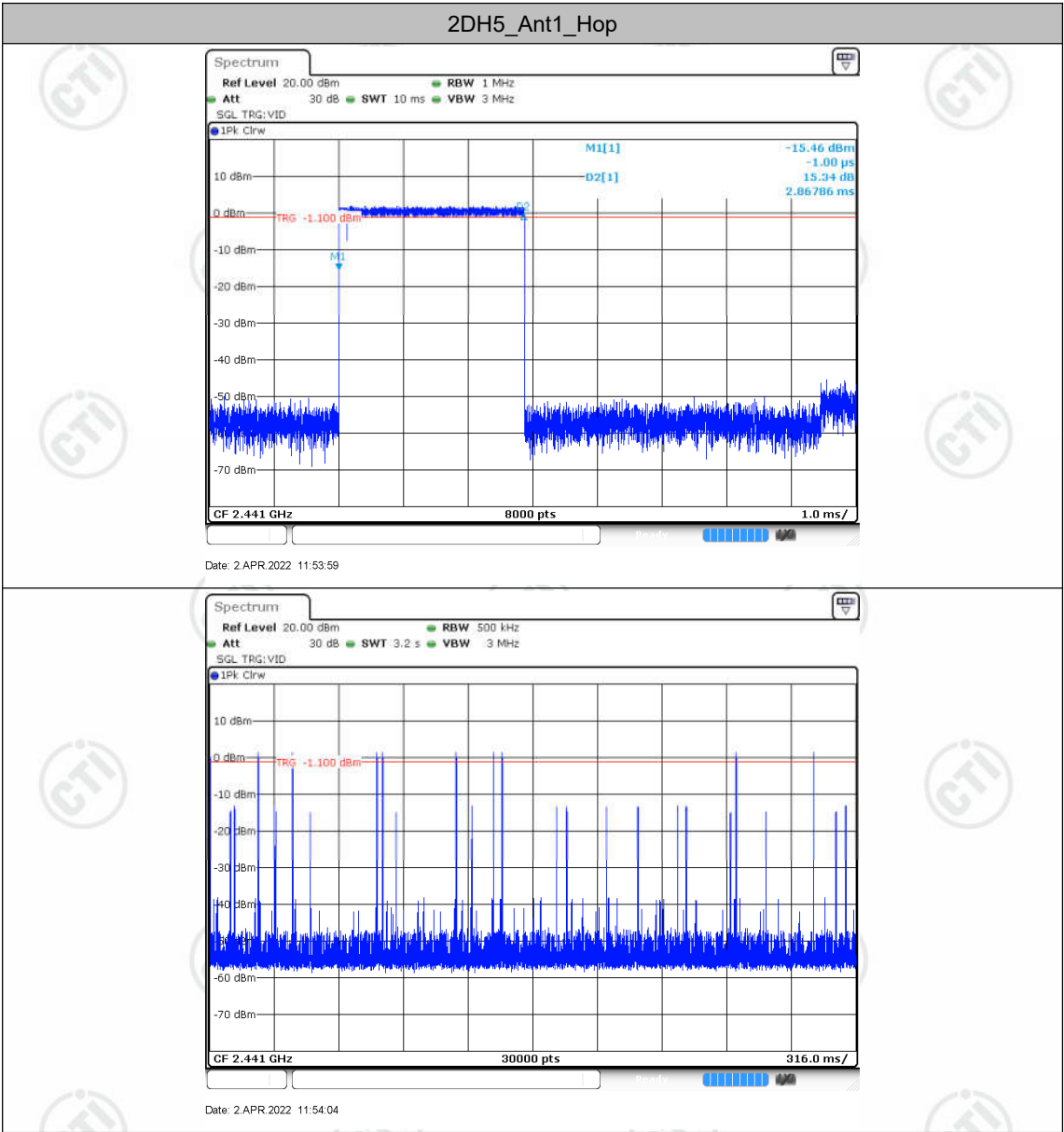










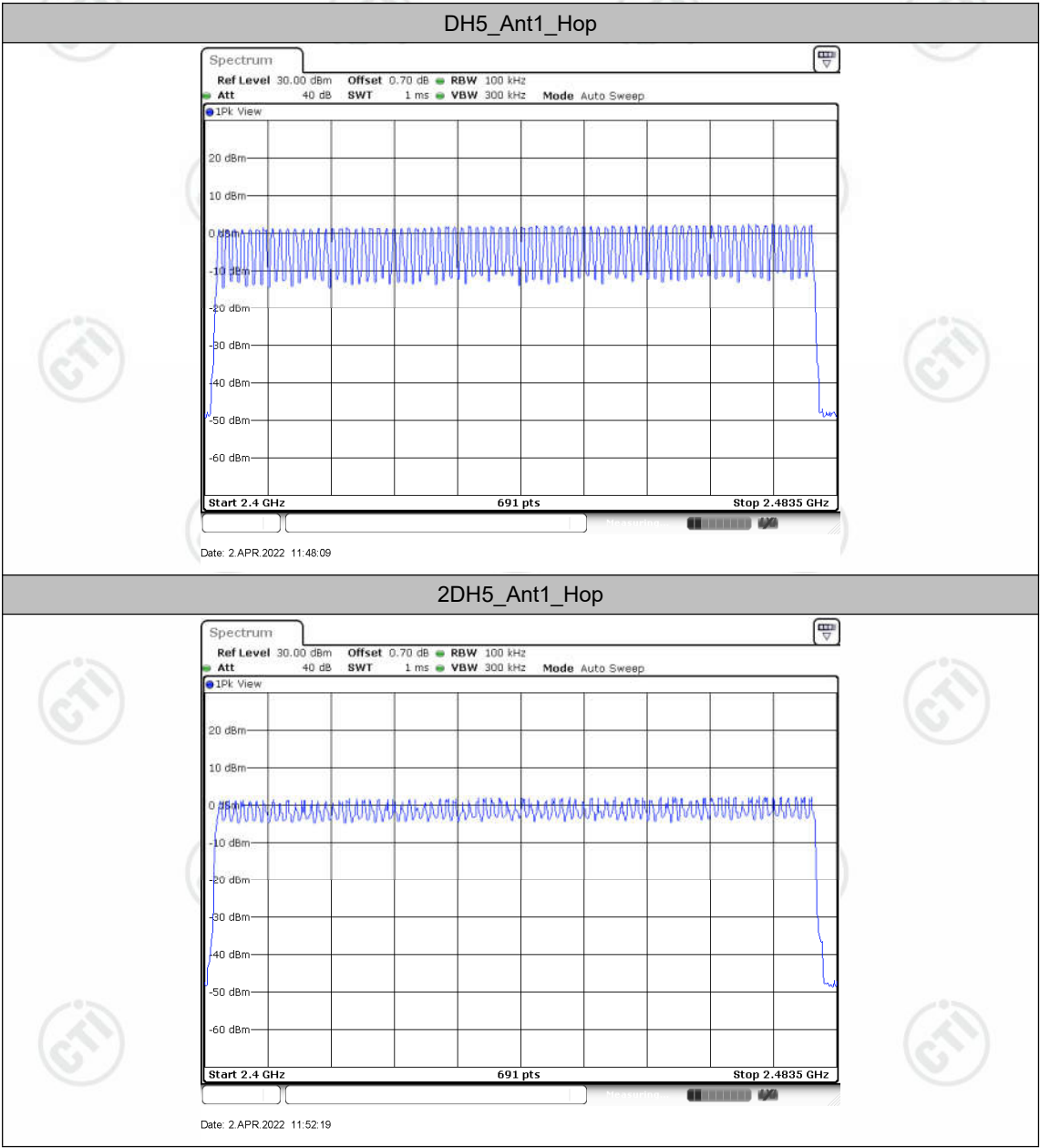


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

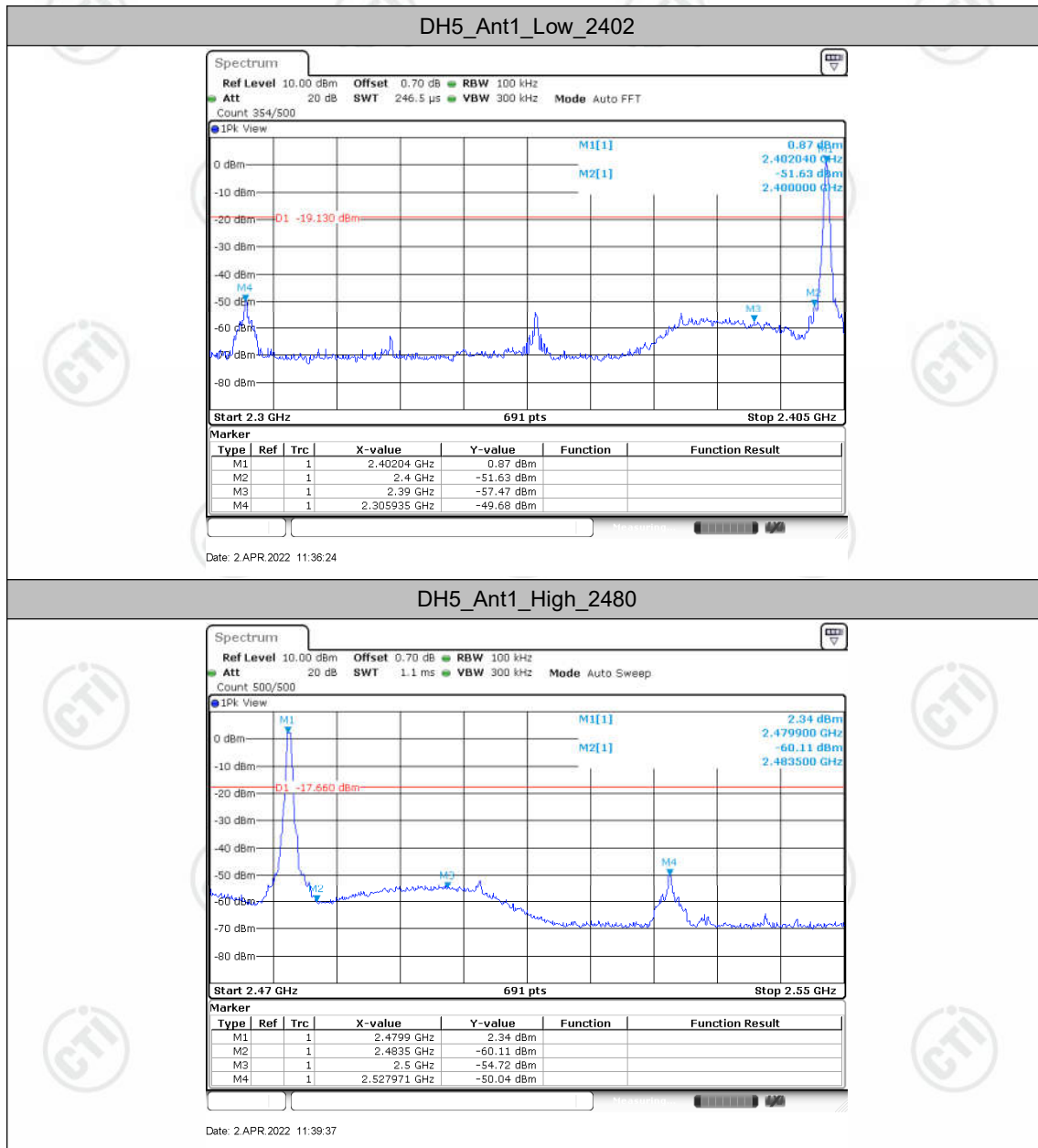


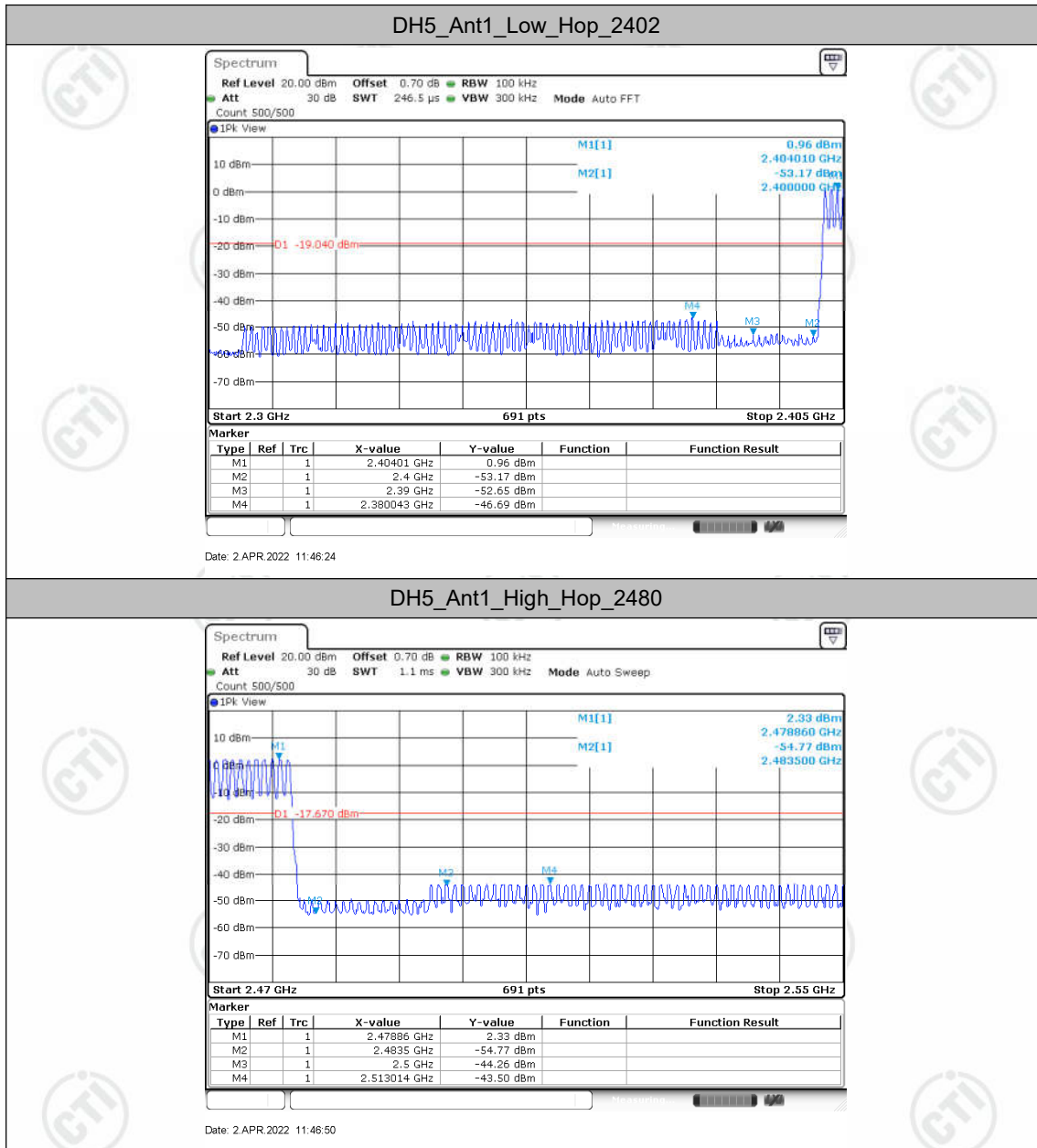
Appendix G:Band edge measurements

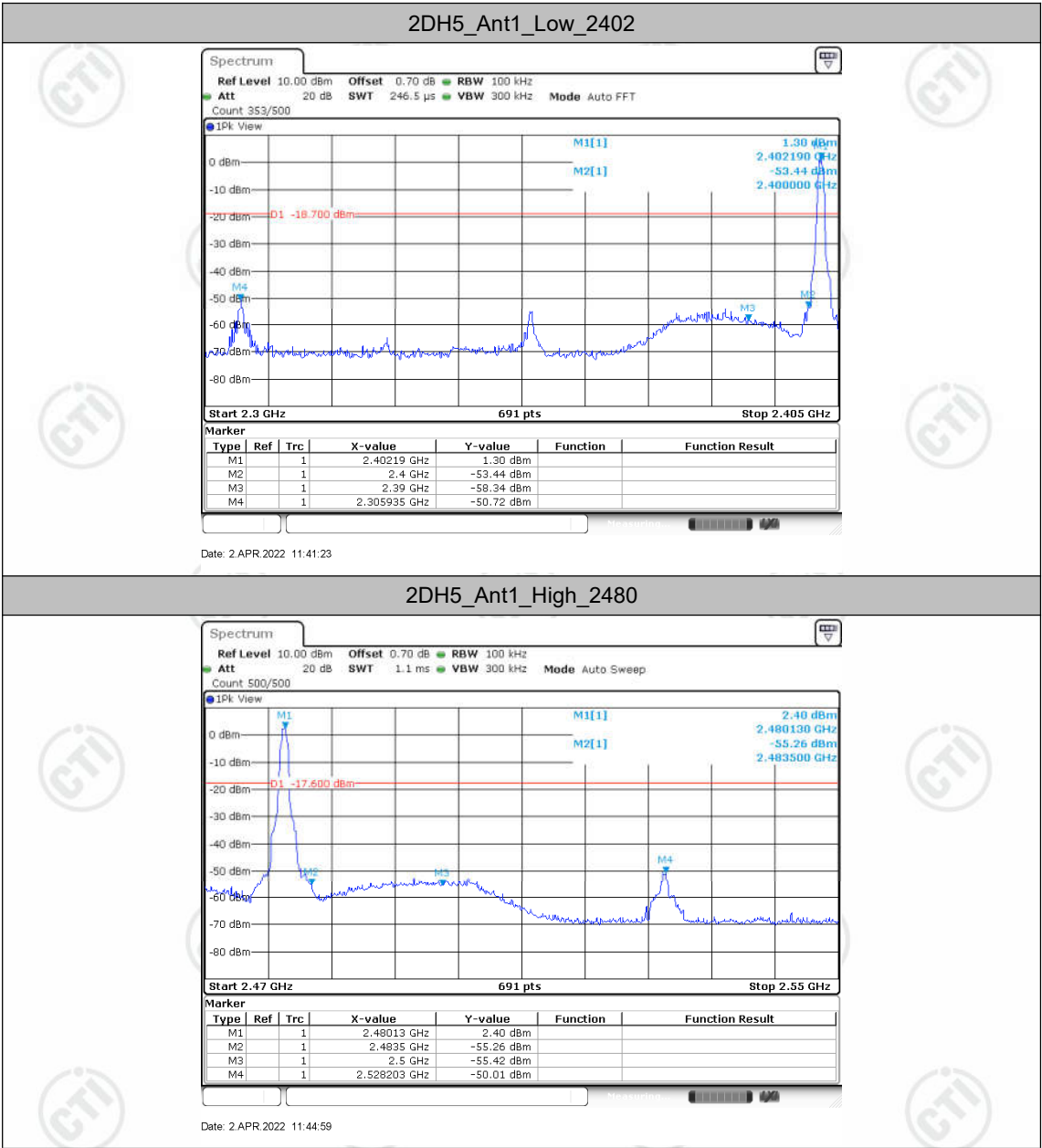
Test Result

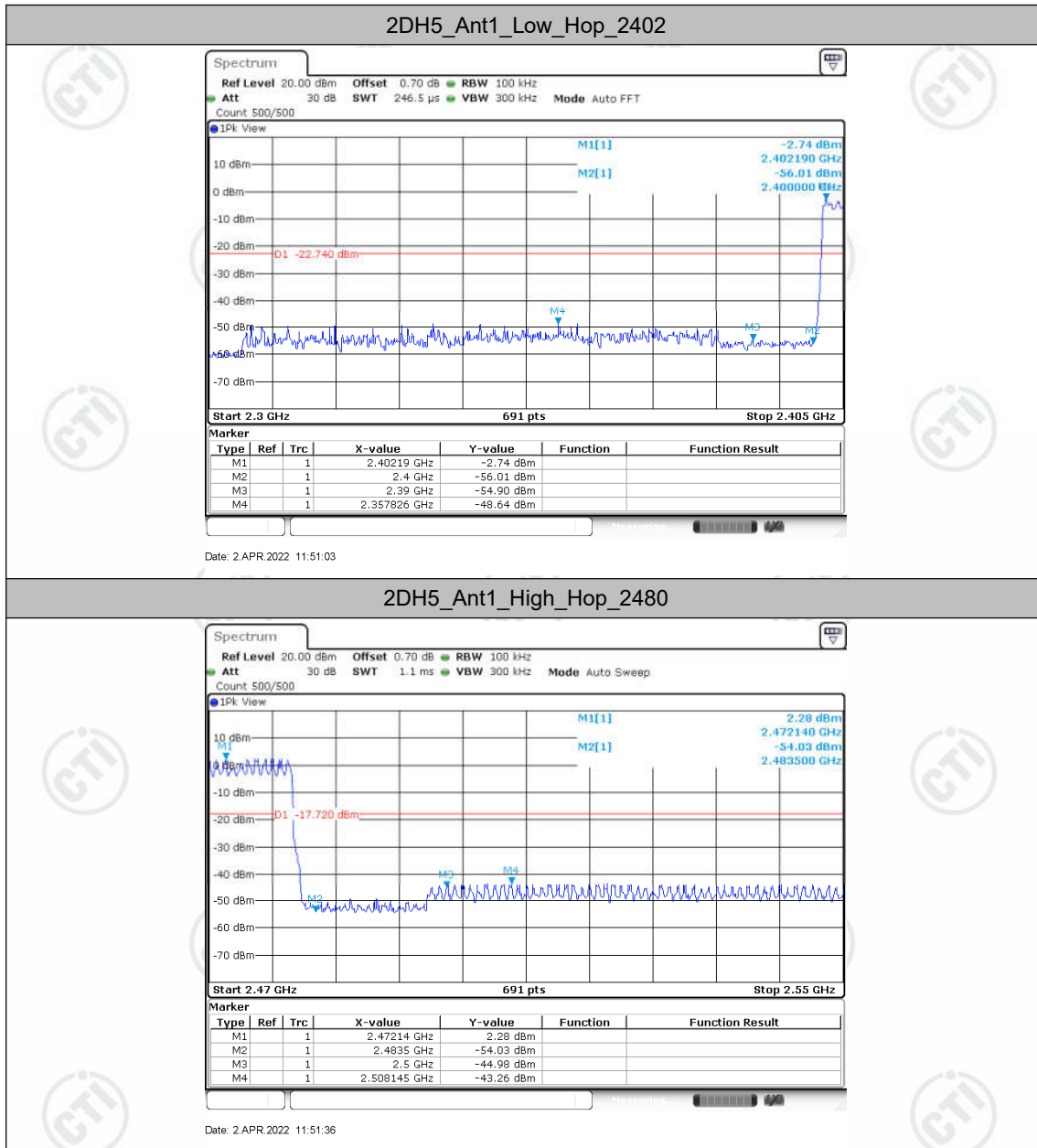
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.87	-49.68	<=-19.13	PASS
		High	2480	2.34	-50.04	<=-17.66	PASS
		Low	Hop_2402	0.96	-46.69	<=-19.04	PASS
		High	Hop_2480	2.33	-43.5	<=-17.67	PASS
2DH5	Ant1	Low	2402	1.30	-50.72	<=-18.7	PASS
		High	2480	2.40	-50.01	<=-17.6	PASS
		Low	Hop_2402	-2.74	-48.64	<=-22.74	PASS
		High	Hop_2480	2.28	-43.26	<=-17.72	PASS

Test Graphs









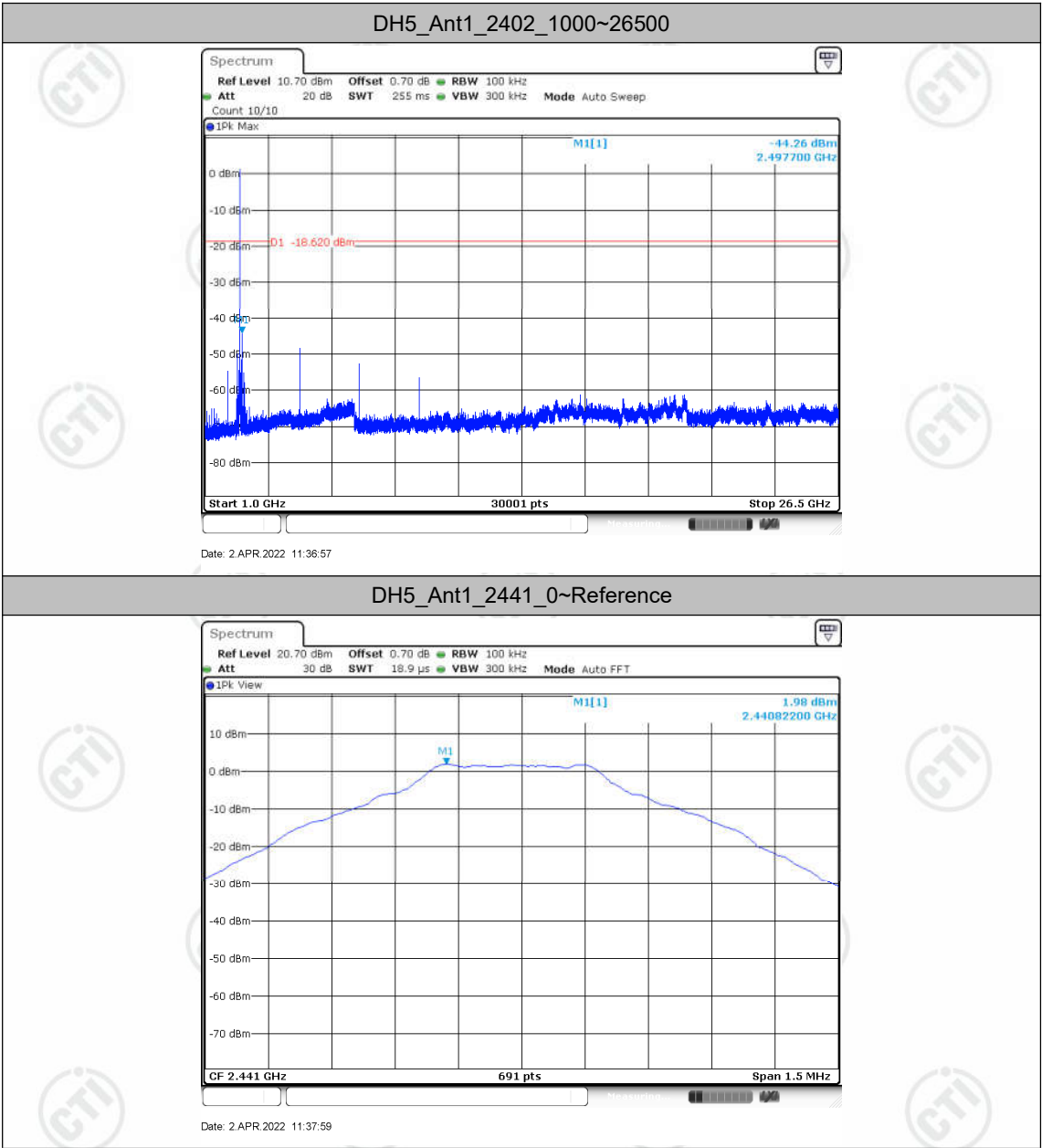
Appendix H:Conducted Spurious Emission

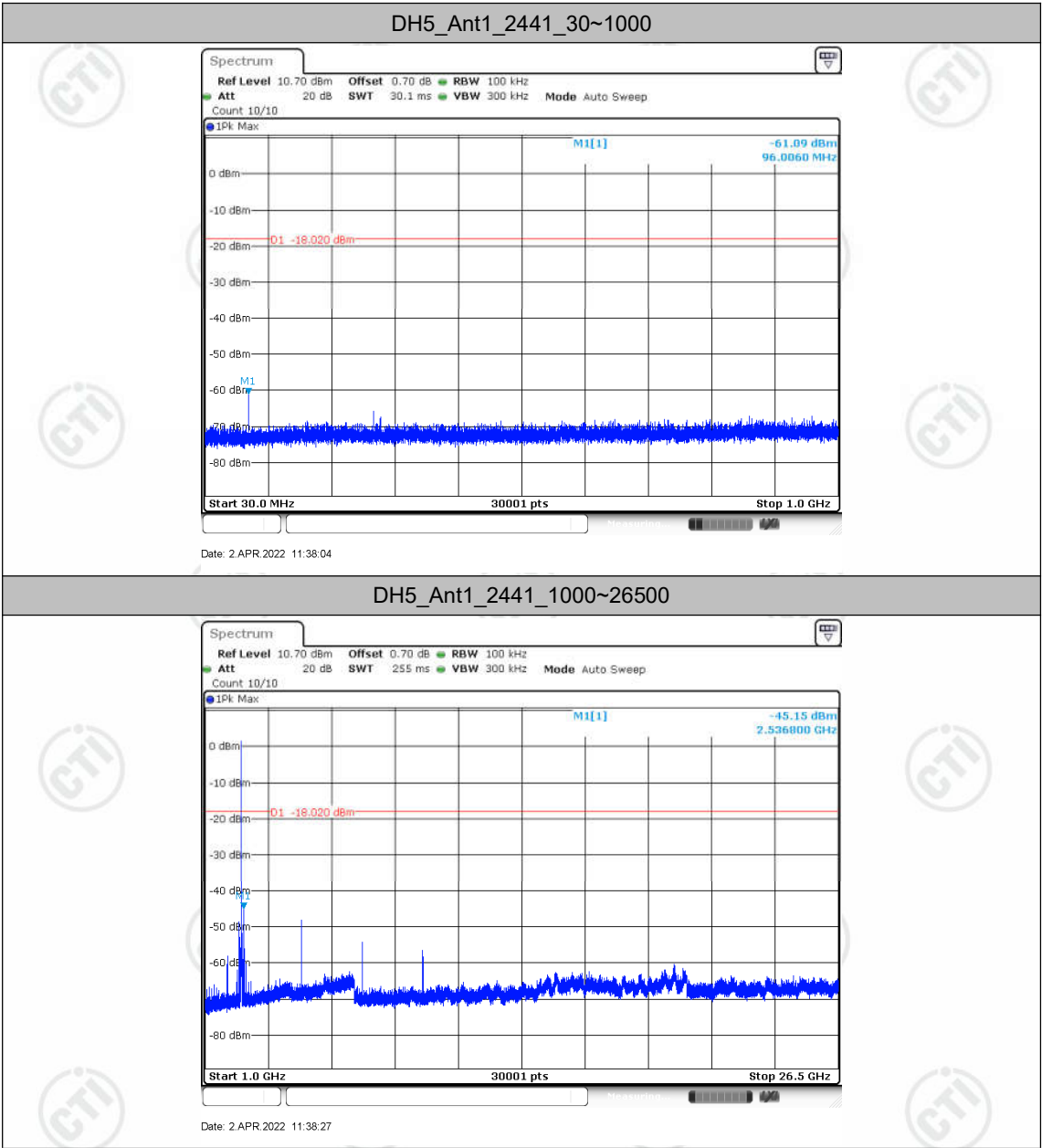
Test Result

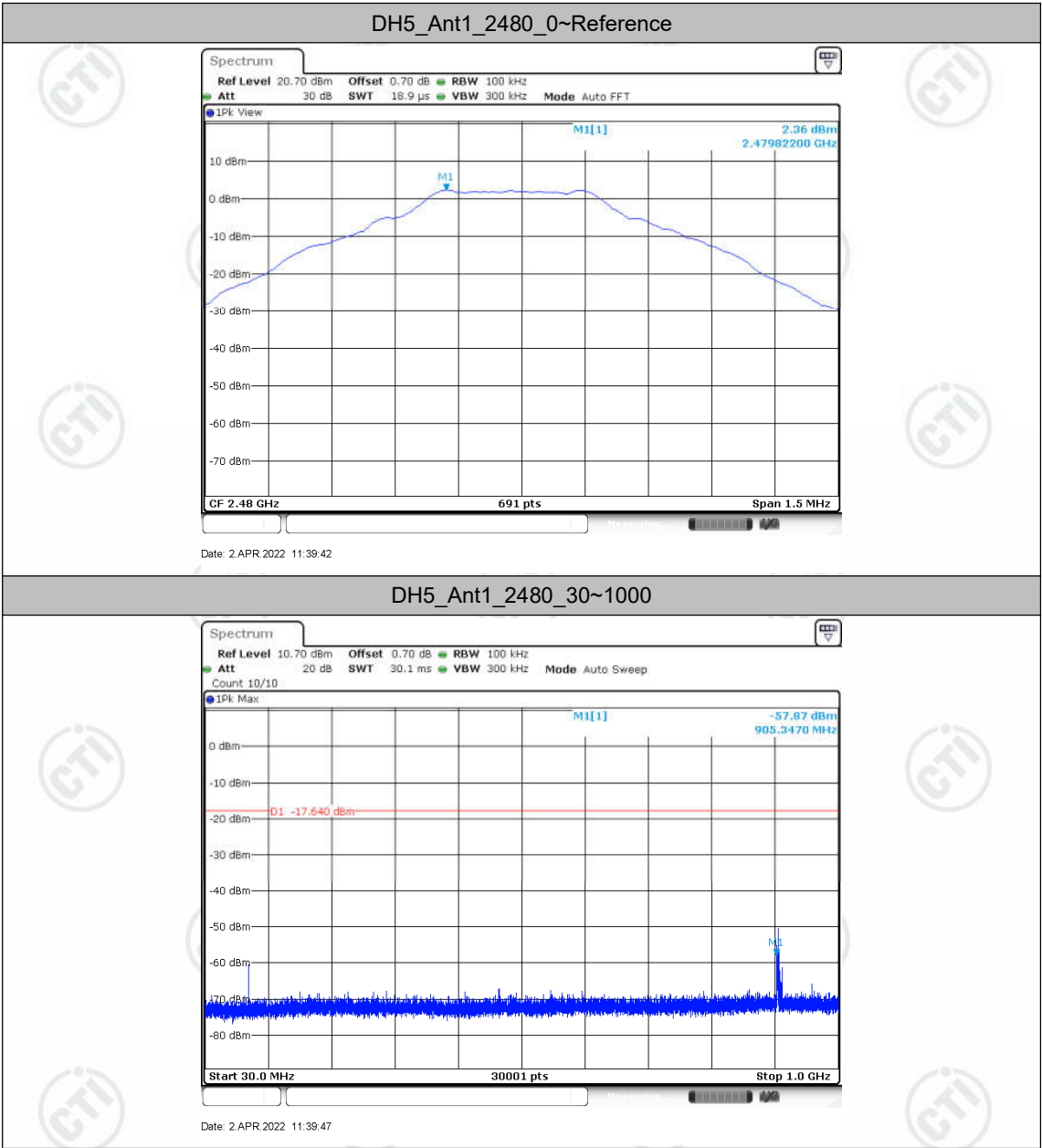
Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.38	1.38	---	PASS
			30~1000	30~1000	-65.9	<=-18.62	PASS
			1000~26500	1000~26500	-44.26	<=-18.62	PASS
		2441	Reference	1.98	1.98	---	PASS
			30~1000	30~1000	-61.09	<=-18.02	PASS
			1000~26500	1000~26500	-45.15	<=-18.02	PASS
		2480	Reference	2.36	2.36	---	PASS
			30~1000	30~1000	-57.87	<=-17.64	PASS
			1000~26500	1000~26500	-45.59	<=-17.64	PASS
2DH5	Ant1	2402	Reference	1.40	1.40	---	PASS
			30~1000	30~1000	-61.25	<=-18.6	PASS
			1000~26500	1000~26500	-44.18	<=-18.6	PASS
		2441	Reference	1.98	1.98	---	PASS
			30~1000	30~1000	-60.62	<=-18.02	PASS
			1000~26500	1000~26500	-48.19	<=-18.02	PASS
		2480	Reference	2.35	2.35	---	PASS
			30~1000	30~1000	-61.8	<=-17.65	PASS
			1000~26500	1000~26500	-46.68	<=-17.65	PASS

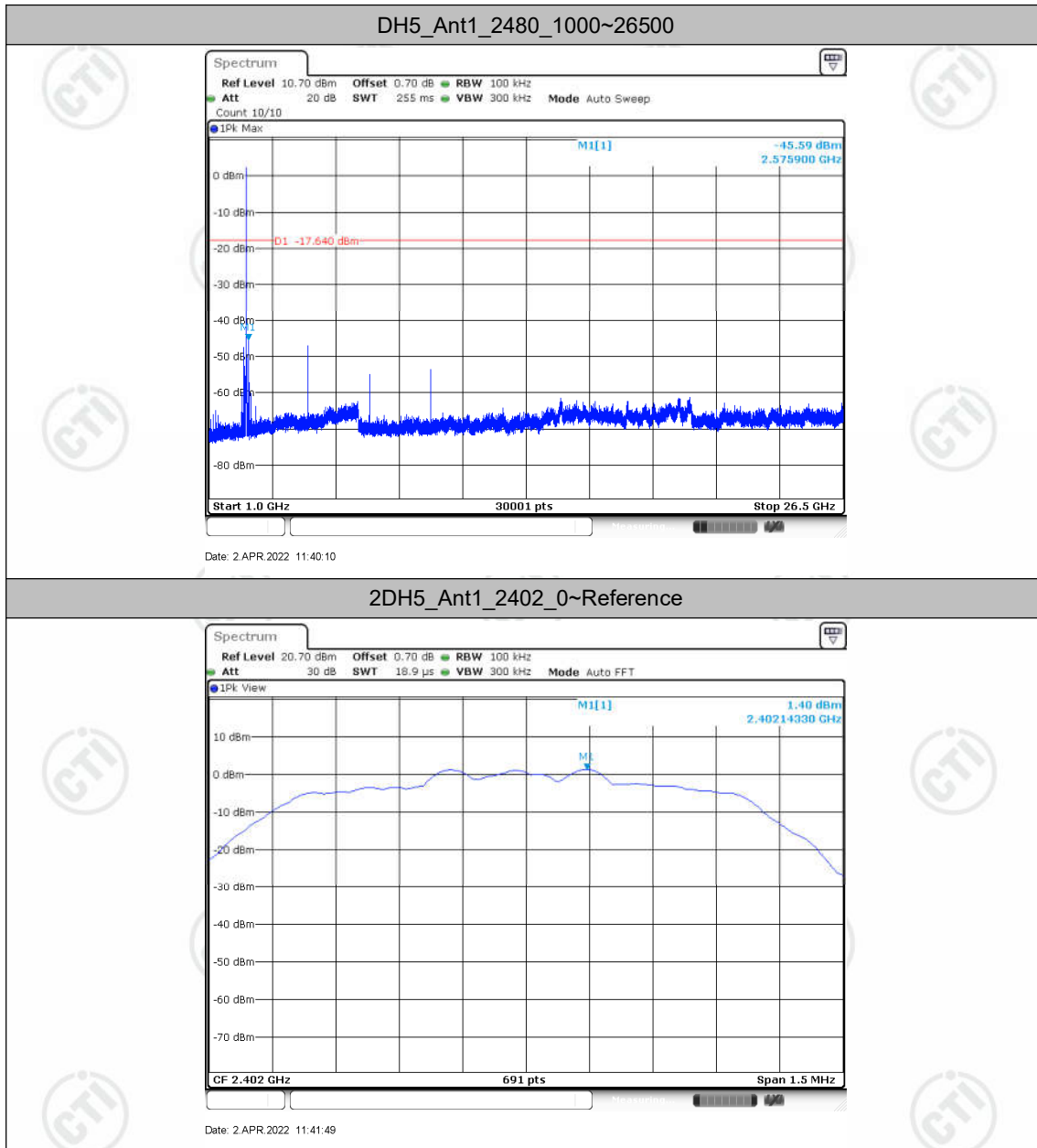
Test Graphs

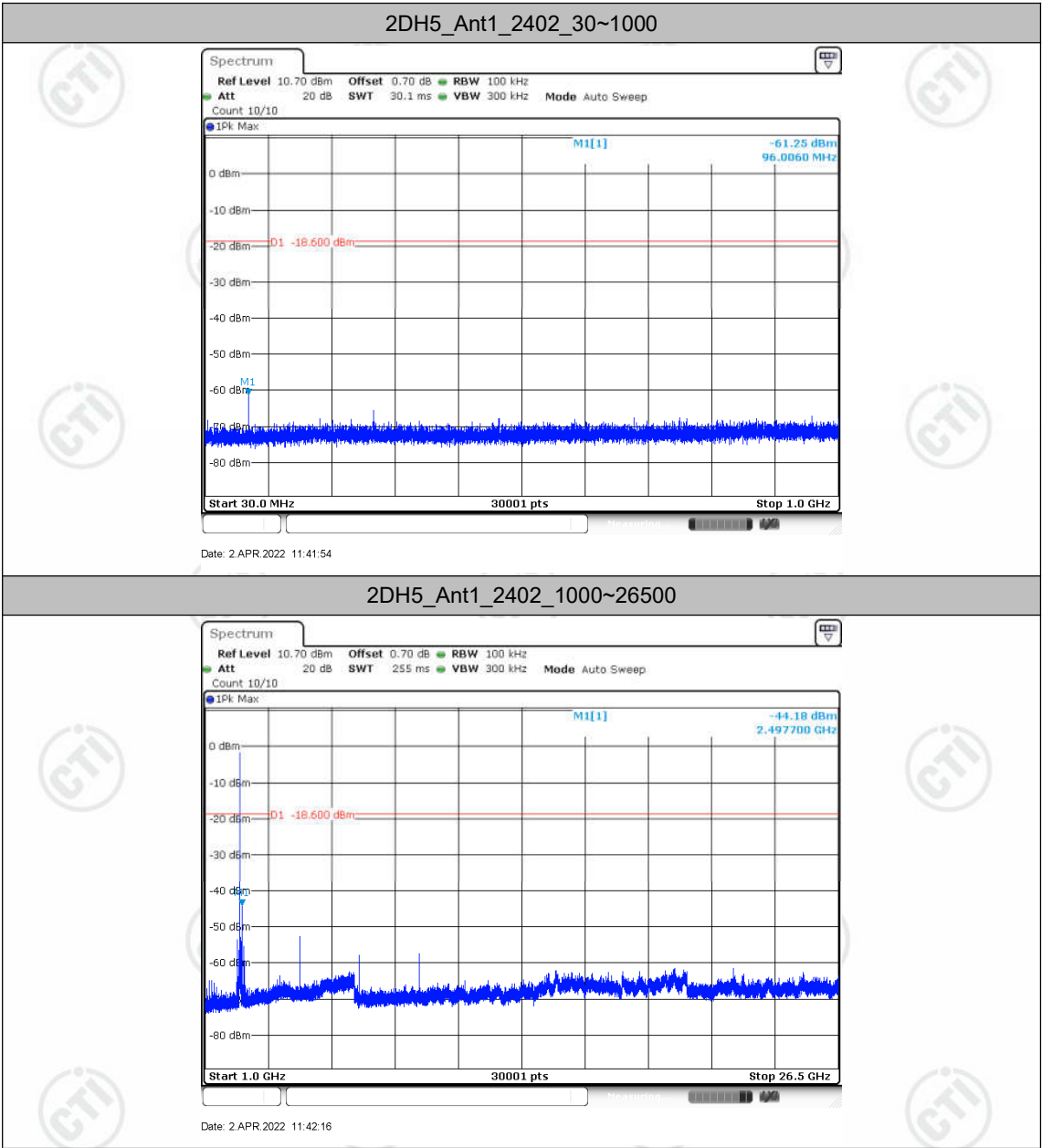


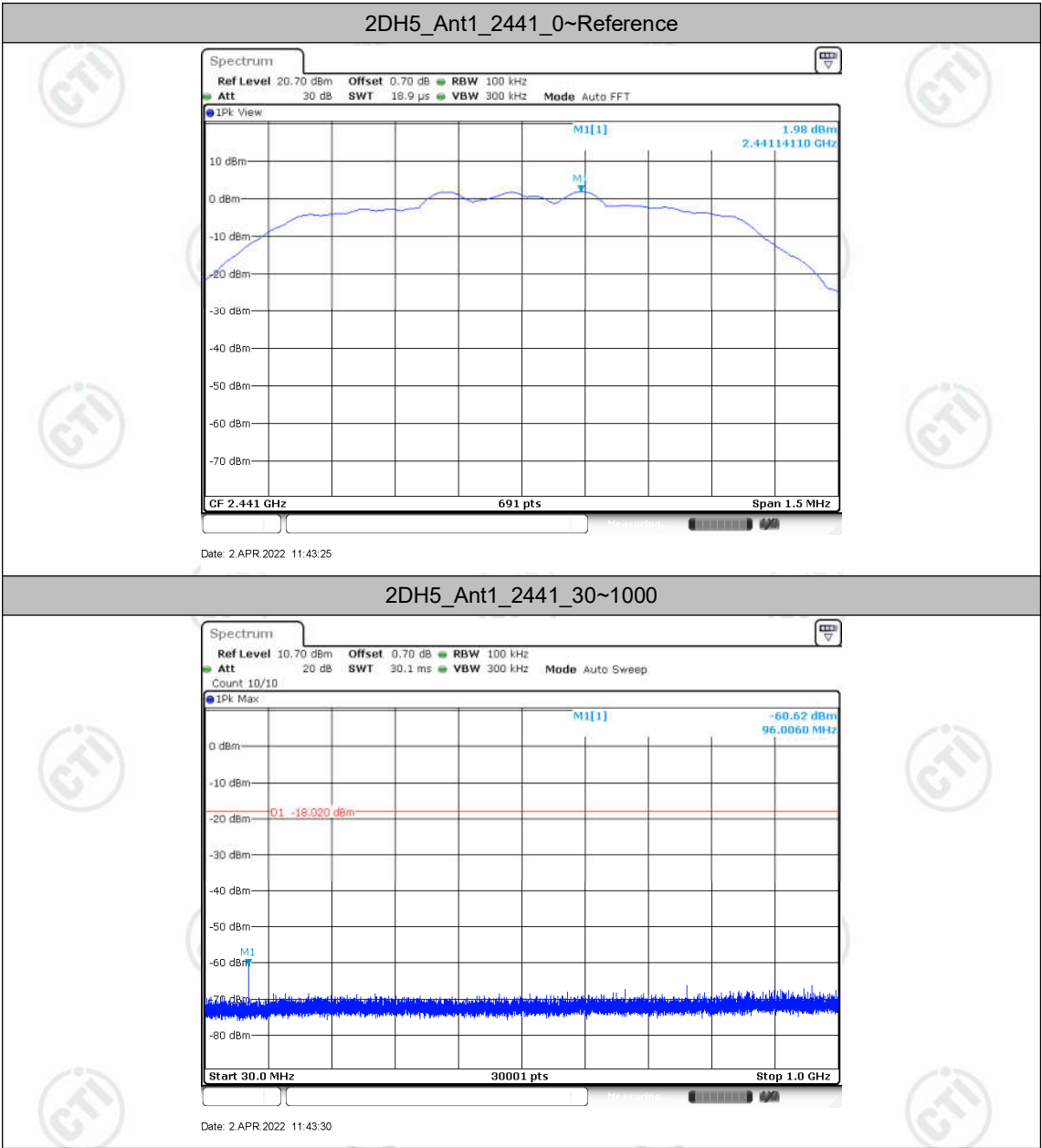


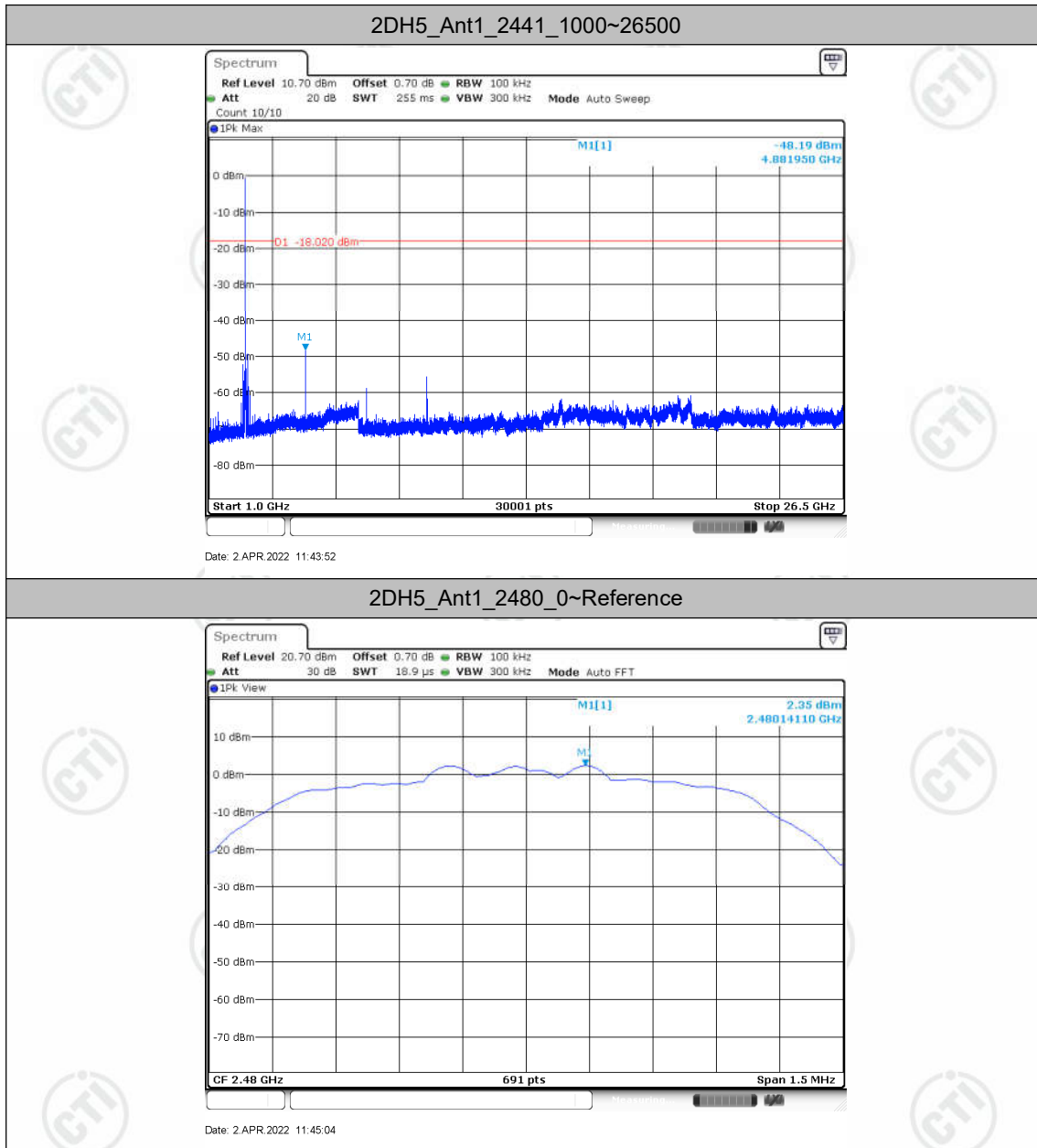


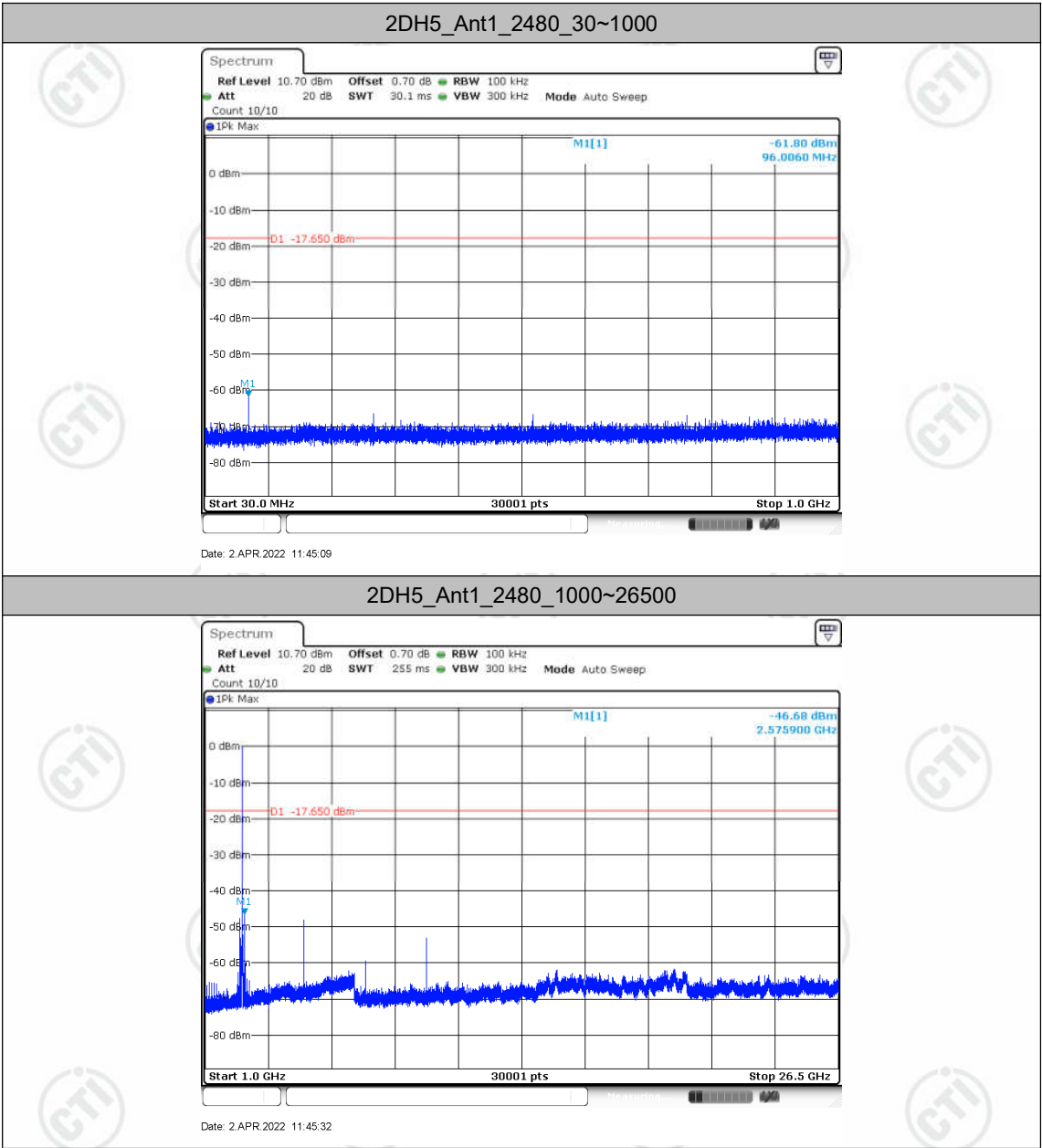










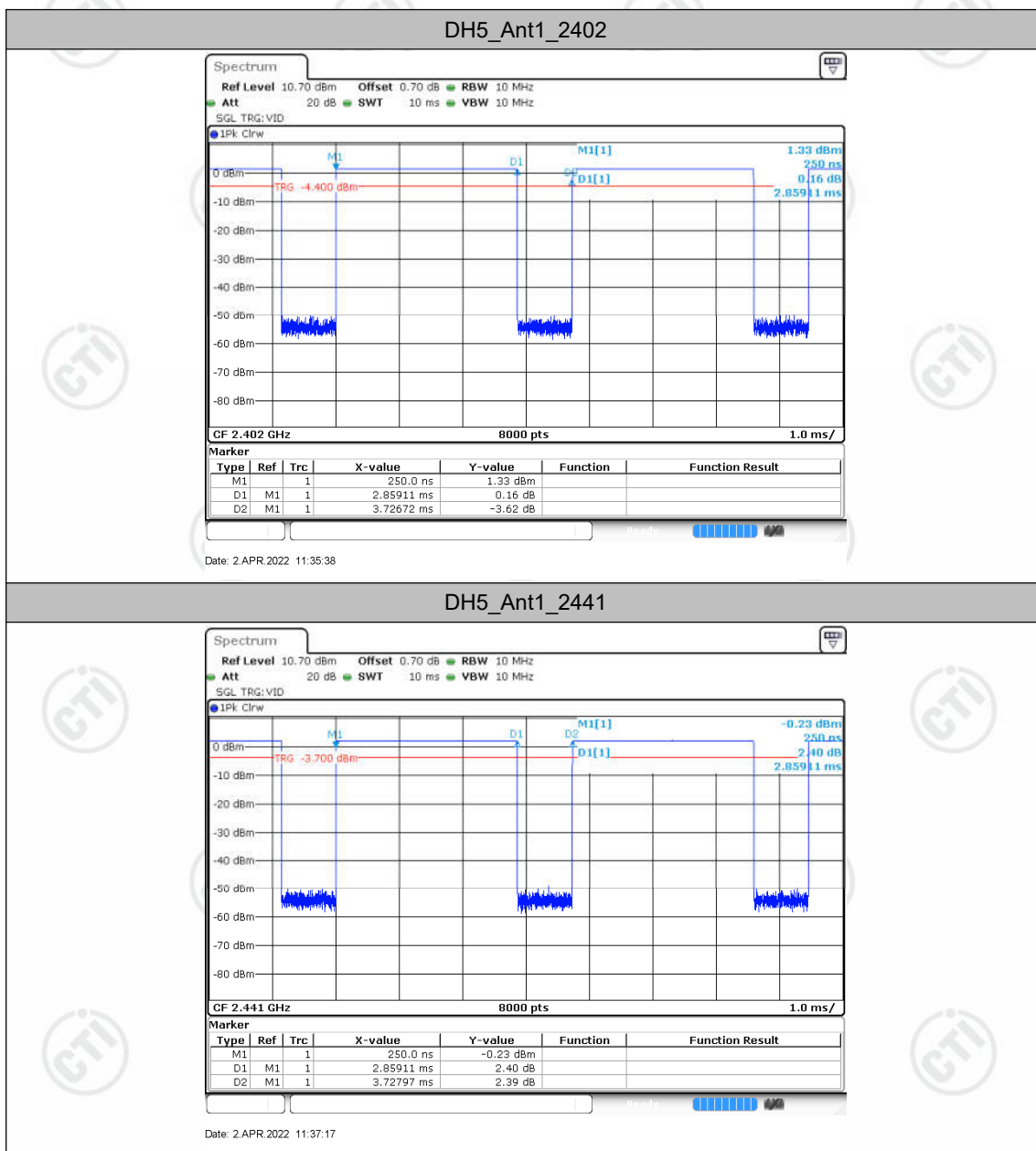


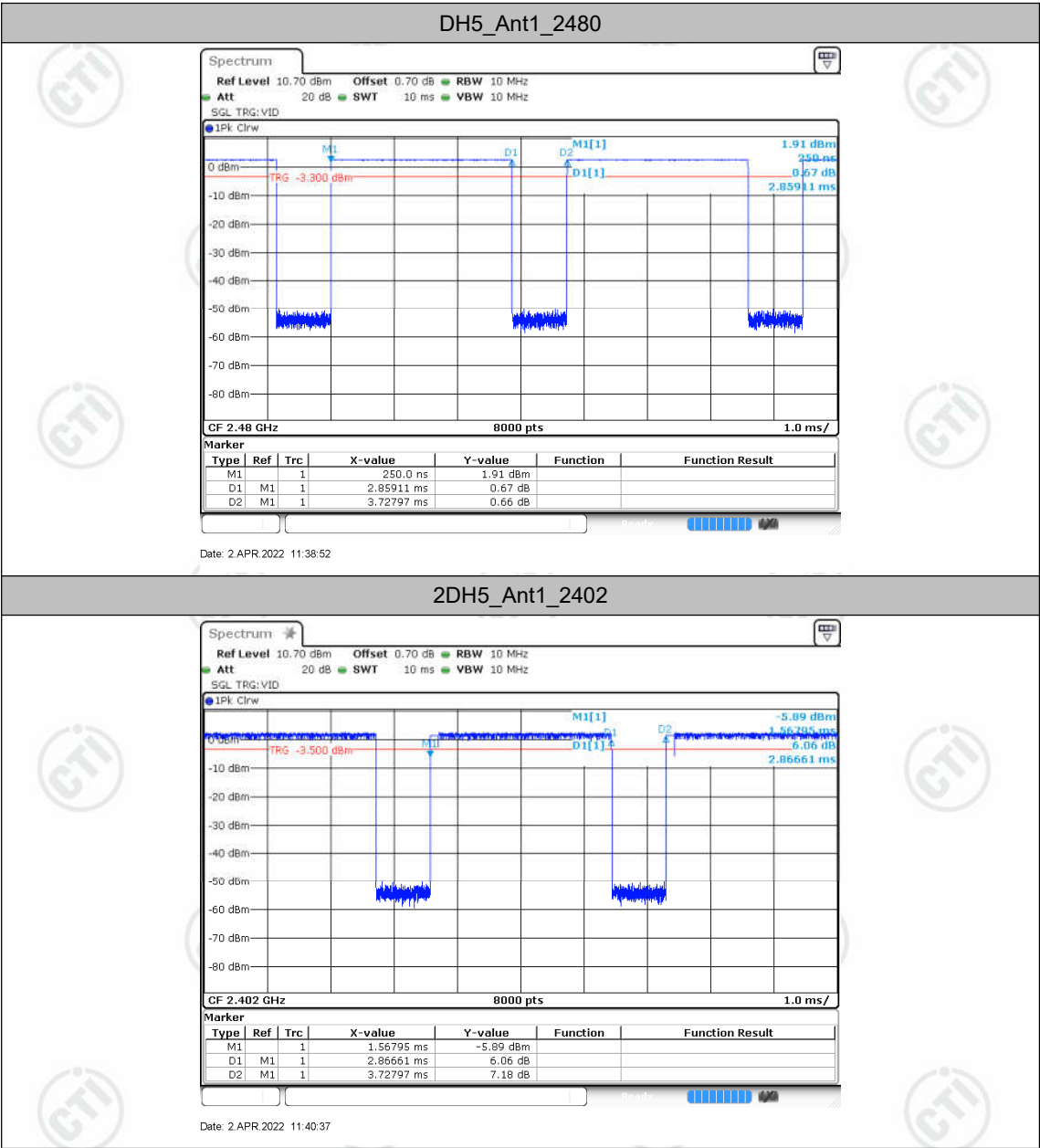
Appendix I: Duty Cycle

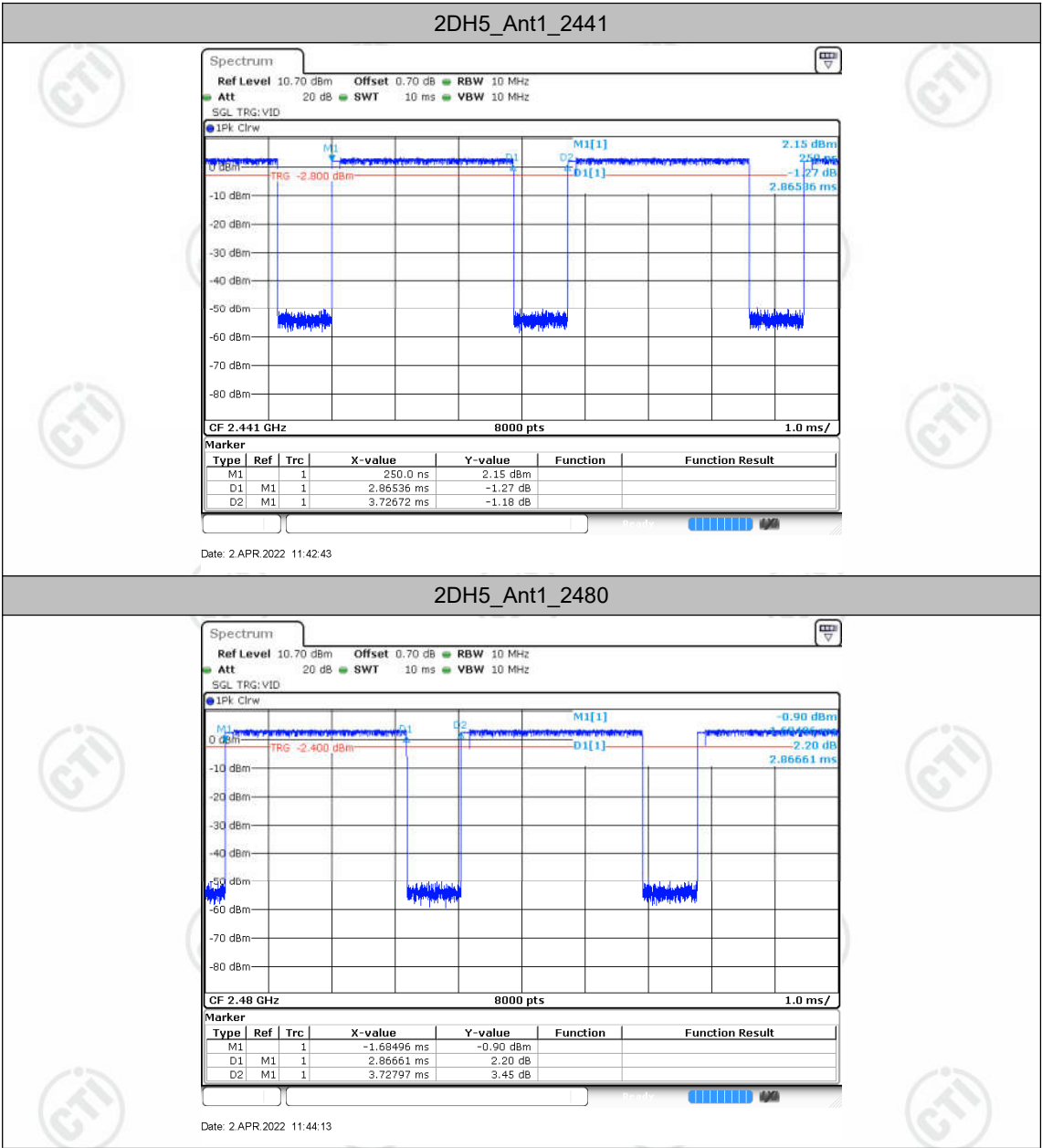
Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.86	3.73	76.72	---	PASS
		2441	2.86	3.73	76.69	---	PASS
		2480	2.86	3.73	76.69	---	PASS
2DH5	Ant1	2402	2.87	3.73	76.89	---	PASS
		2441	2.87	3.73	76.89	---	PASS
		2480	2.87	3.73	76.89	---	PASS

Test Graphs







*** End of Report ***