

Appendix: Bluetooth Classic

Contents

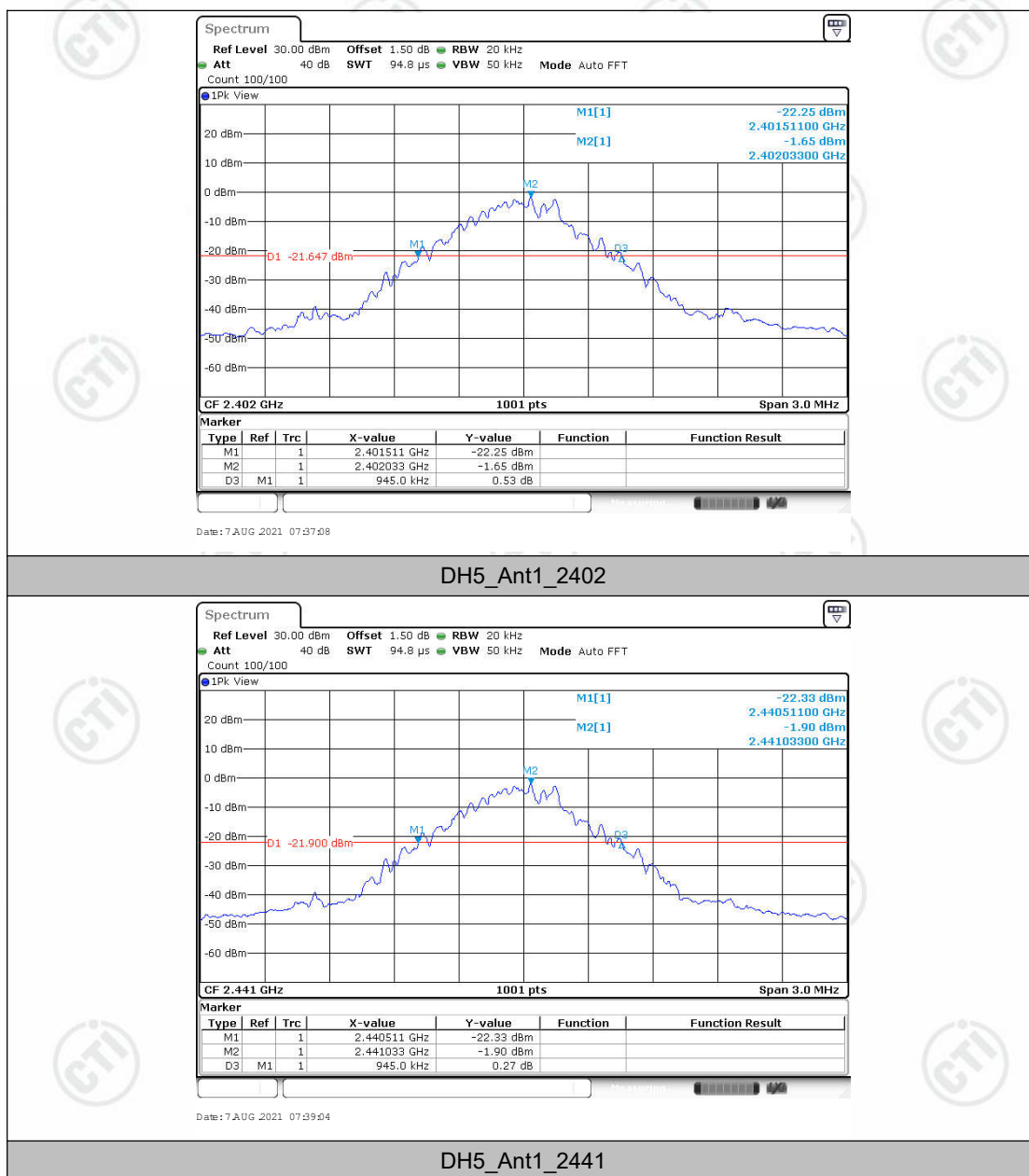
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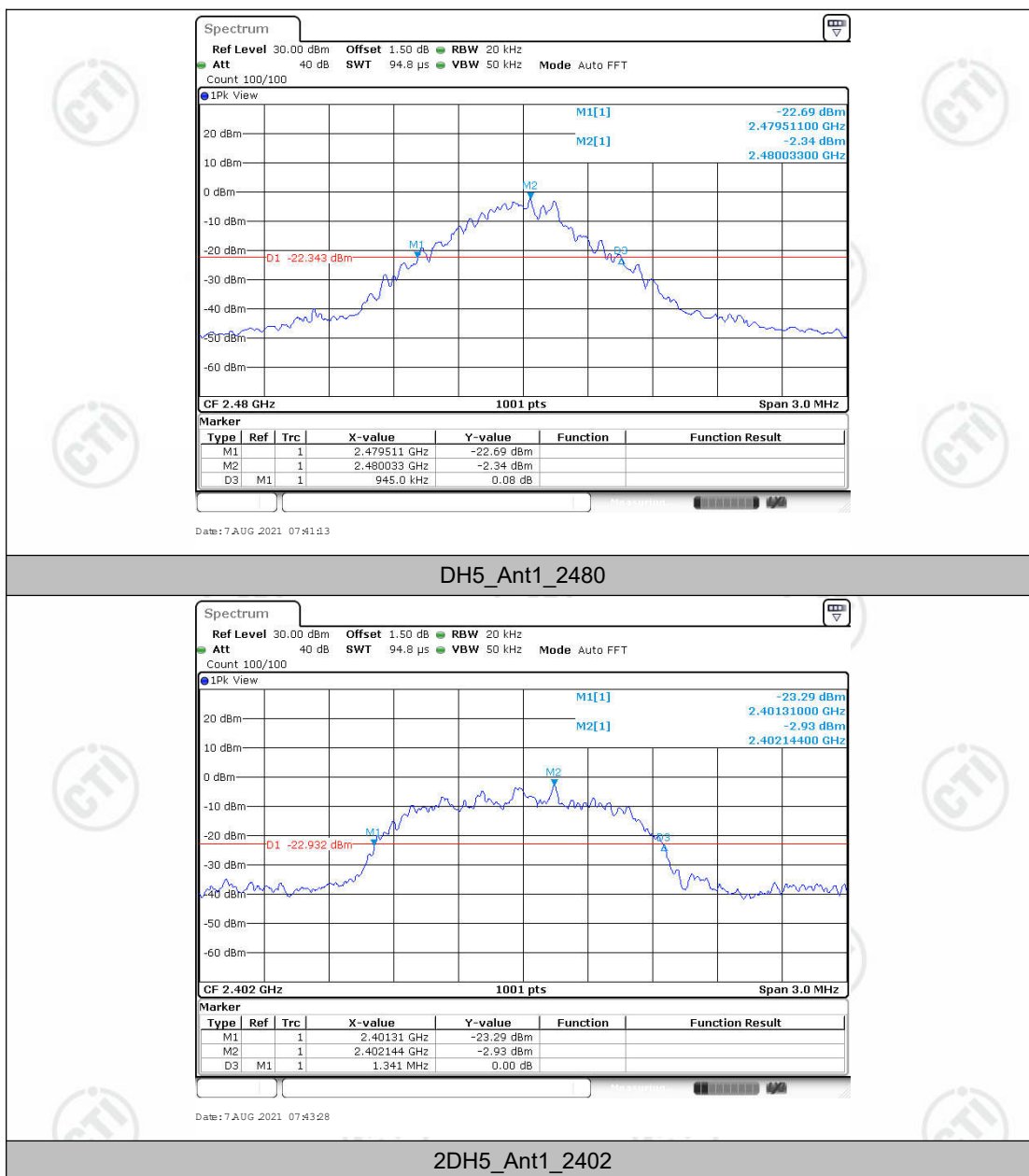
Appendix A: 20dB Emission Bandwidth

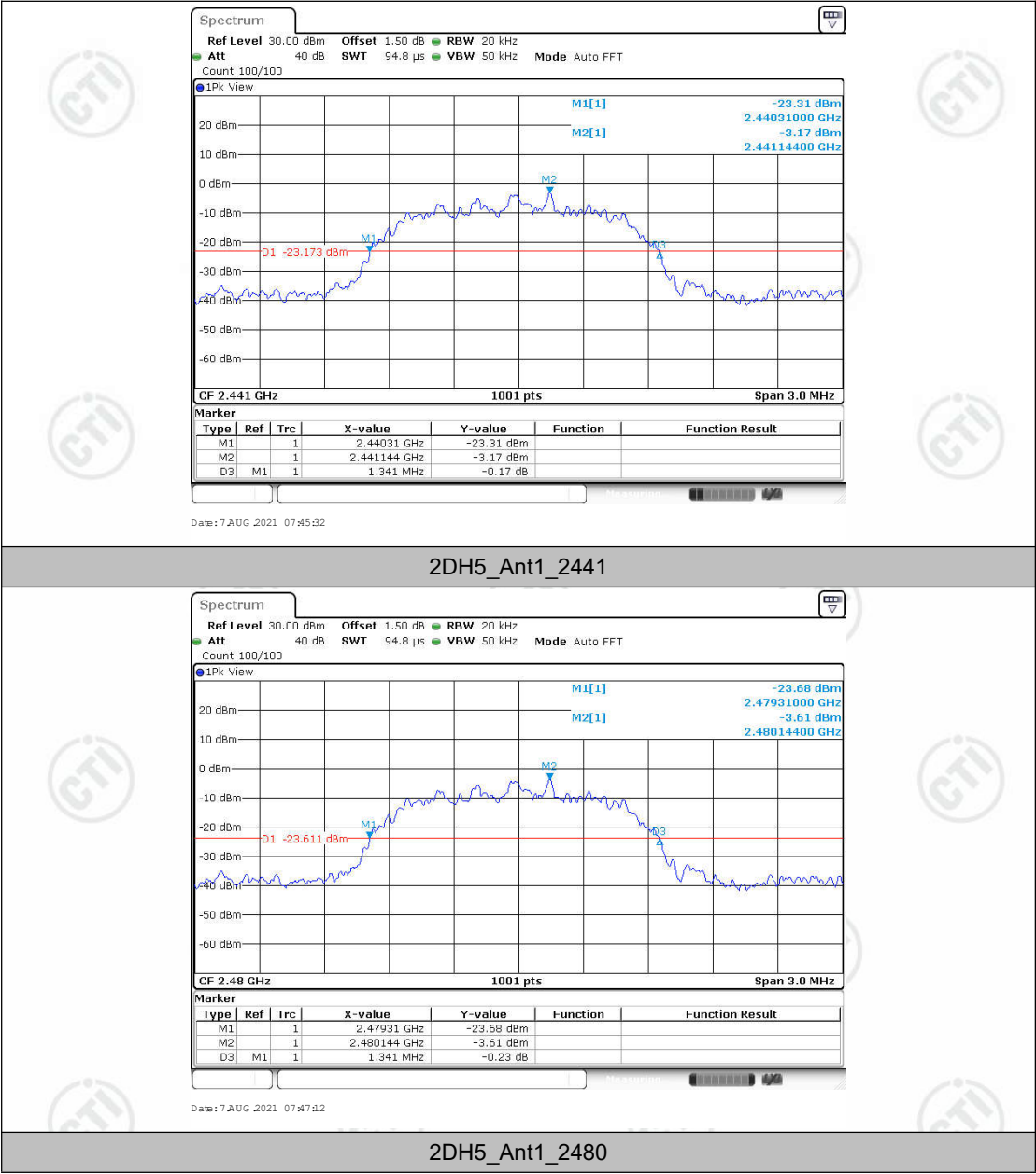
Test Result

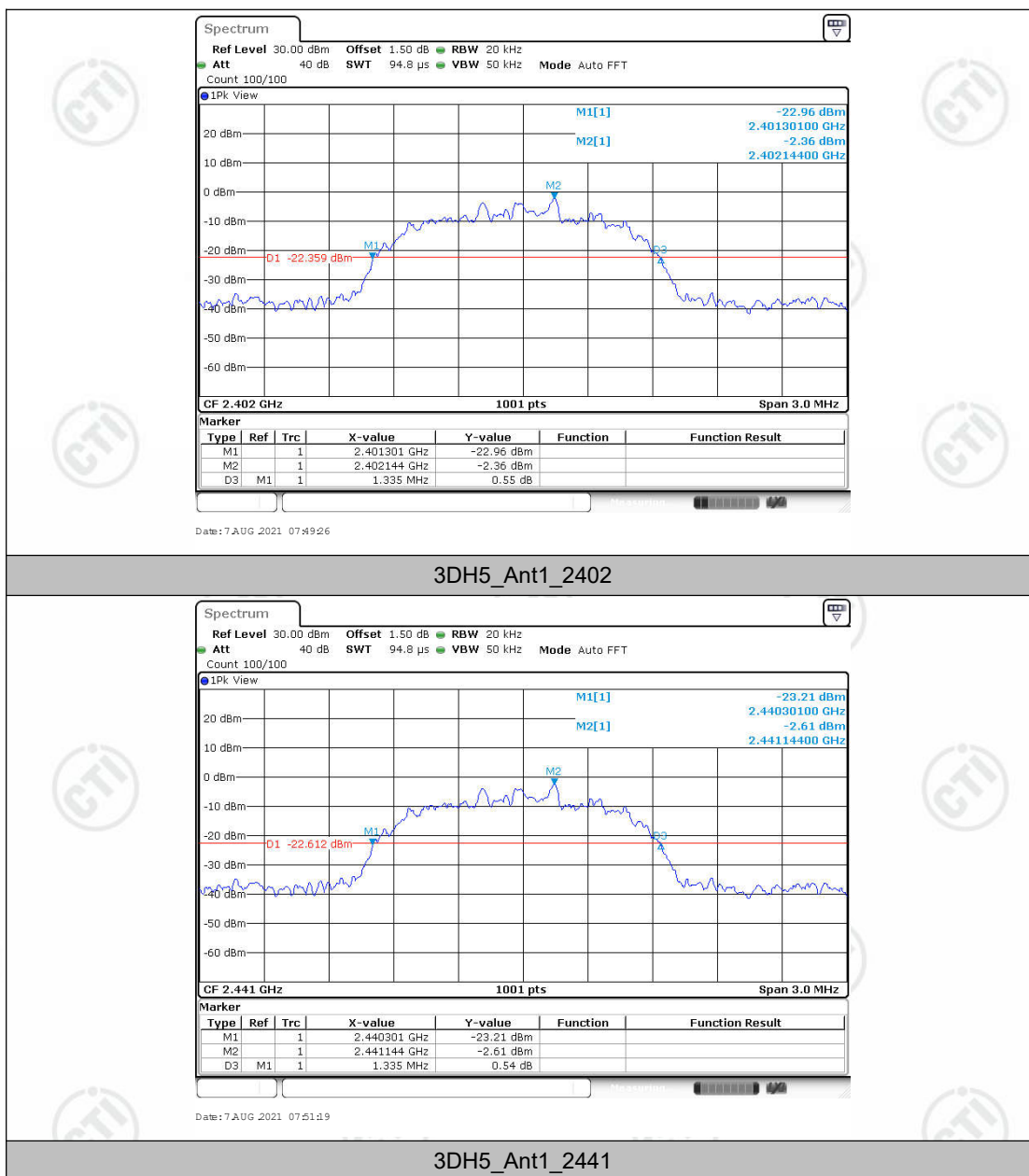
Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.511	2402.456	---	PASS
		2441	0.945	2440.511	2441.456	---	PASS
		2480	0.945	2479.511	2480.456	---	PASS
2DH5	Ant1	2402	1.341	2401.310	2402.651	---	PASS
		2441	1.341	2440.310	2441.651	---	PASS
		2480	1.341	2479.310	2480.651	---	PASS
3DH5	Ant1	2402	1.335	2401.301	2402.636	---	PASS
		2441	1.335	2440.301	2441.636	---	PASS
		2480	1.335	2479.301	2480.636	---	PASS

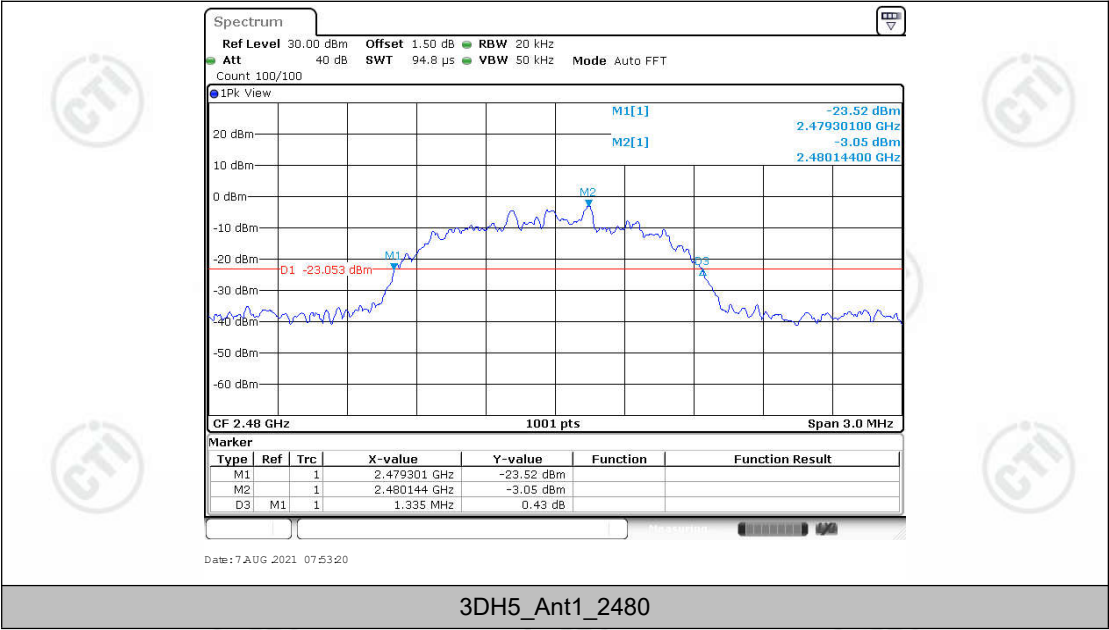
Test Graphs









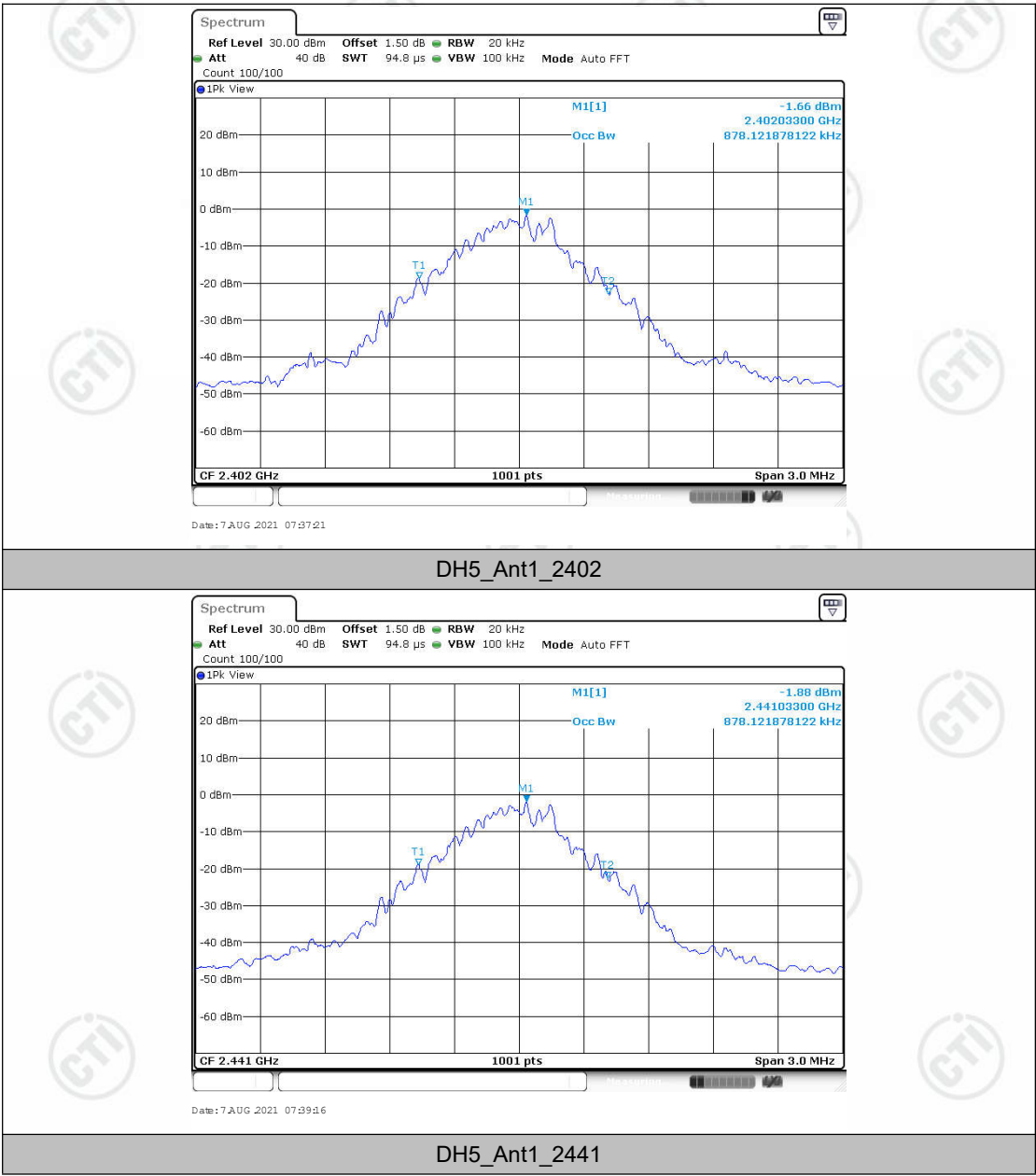


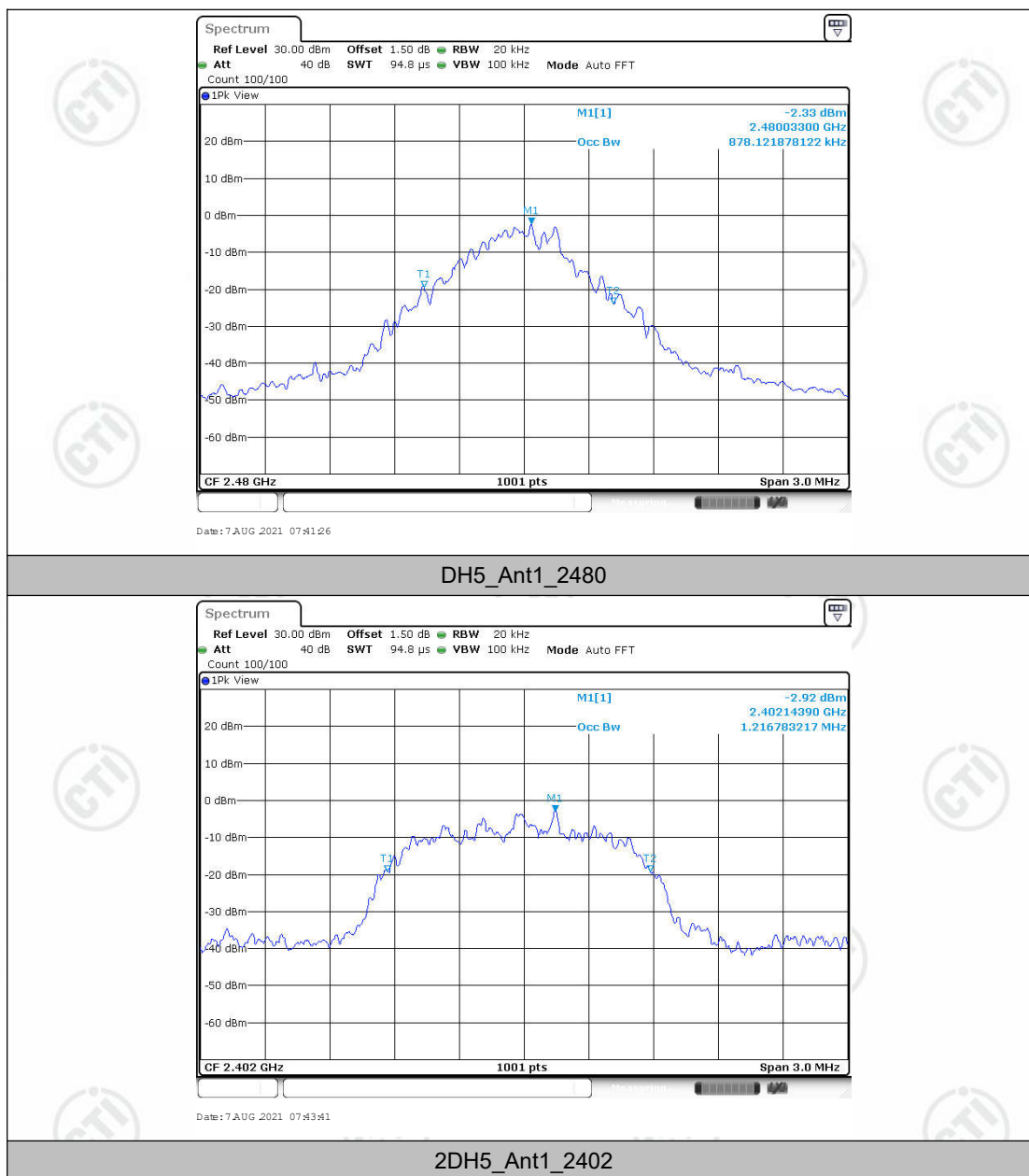
Appendix B: Occupied Channel Bandwidth

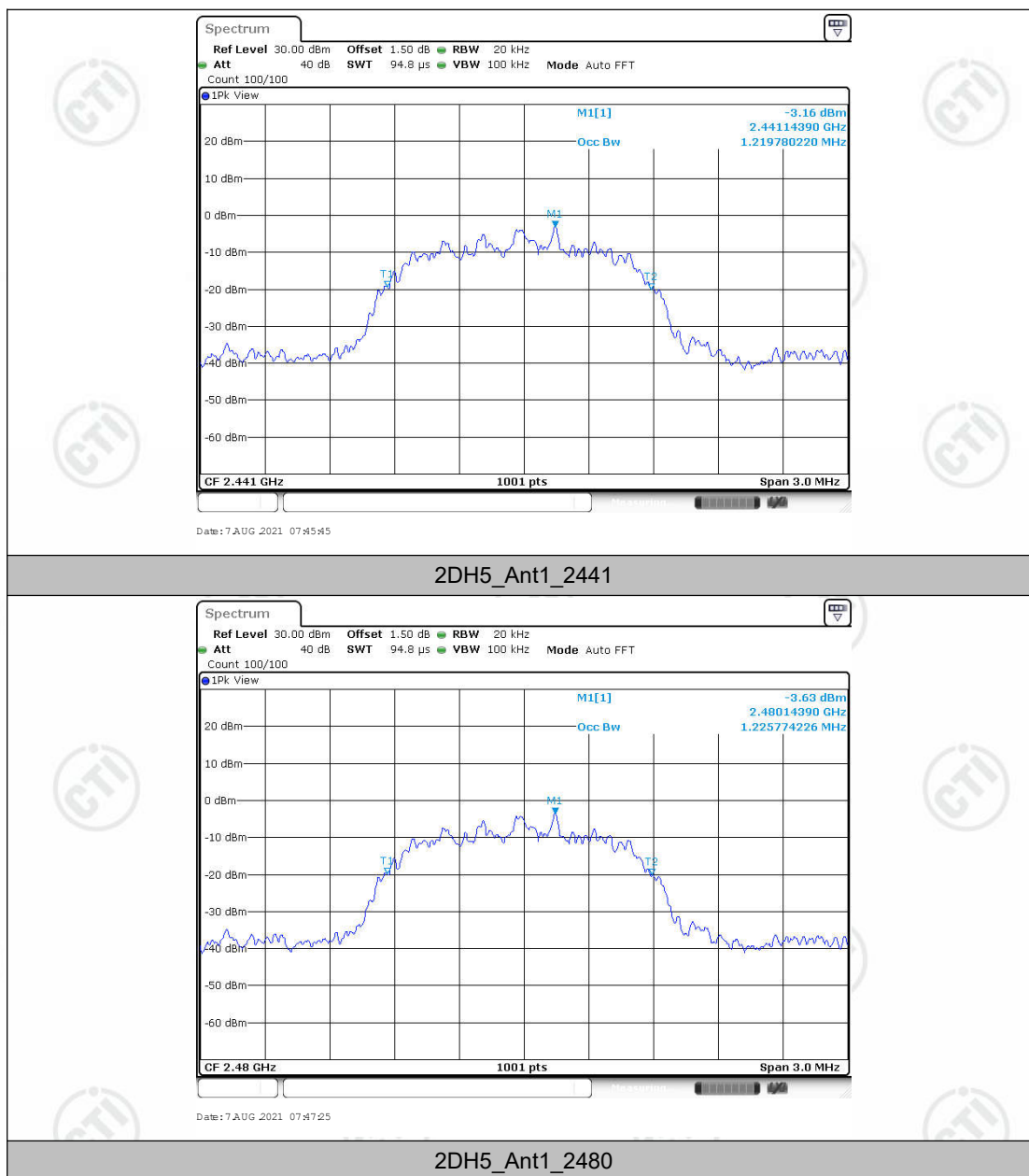
Test Result

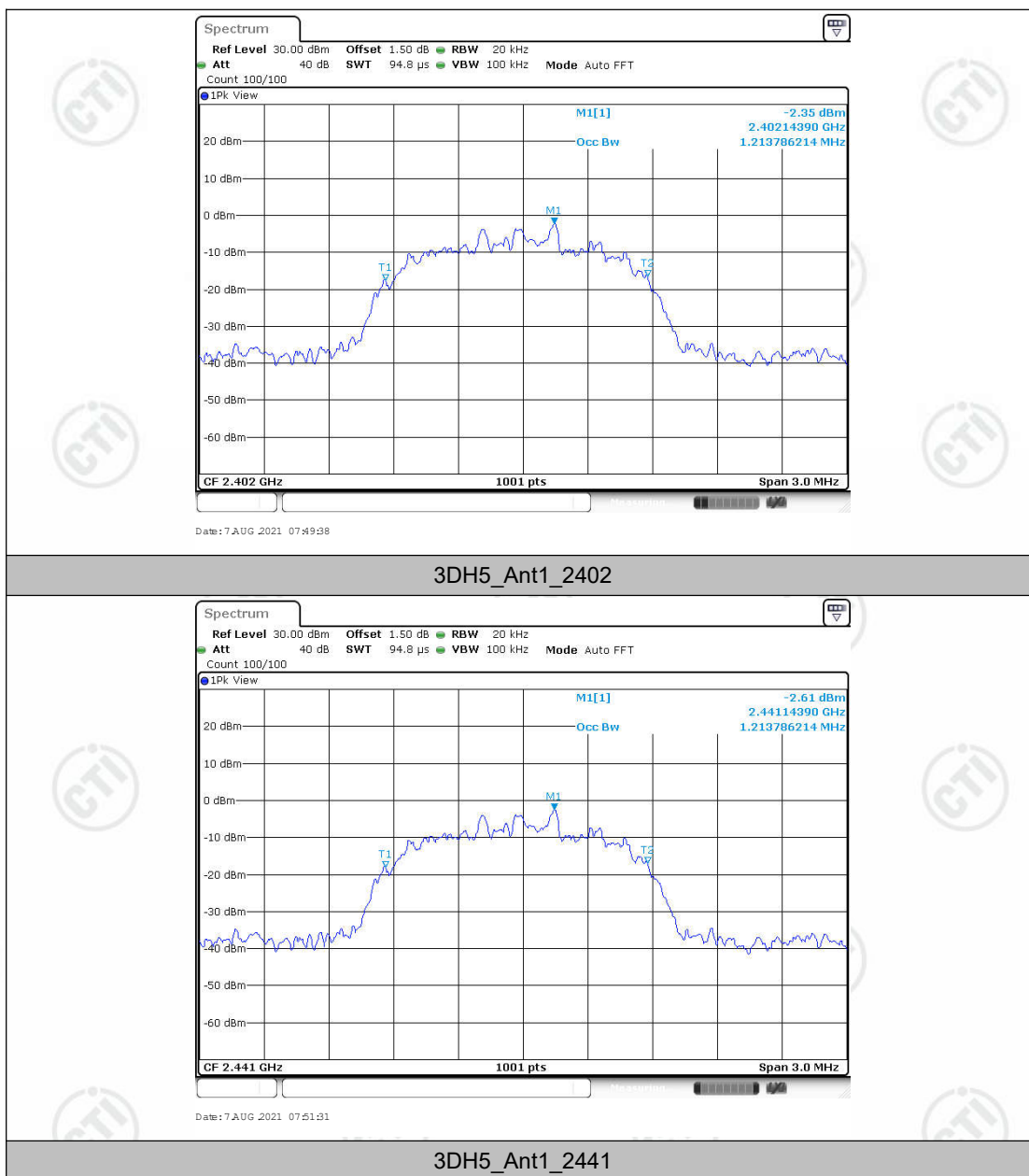
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.878	2401.535	2402.414	---	PASS
		2441	0.878	2440.532	2441.411	---	PASS
		2480	0.878	2479.535	2480.414	---	PASS
2DH5	Ant1	2402	1.217	2401.368	2402.584	---	PASS
		2441	1.22	2440.368	2441.587	---	PASS
		2480	1.226	2479.365	2480.590	---	PASS
3DH5	Ant1	2402	1.214	2401.362	2402.575	---	PASS
		2441	1.214	2440.362	2441.575	---	PASS
		2480	1.214	2479.362	2480.575	---	PASS

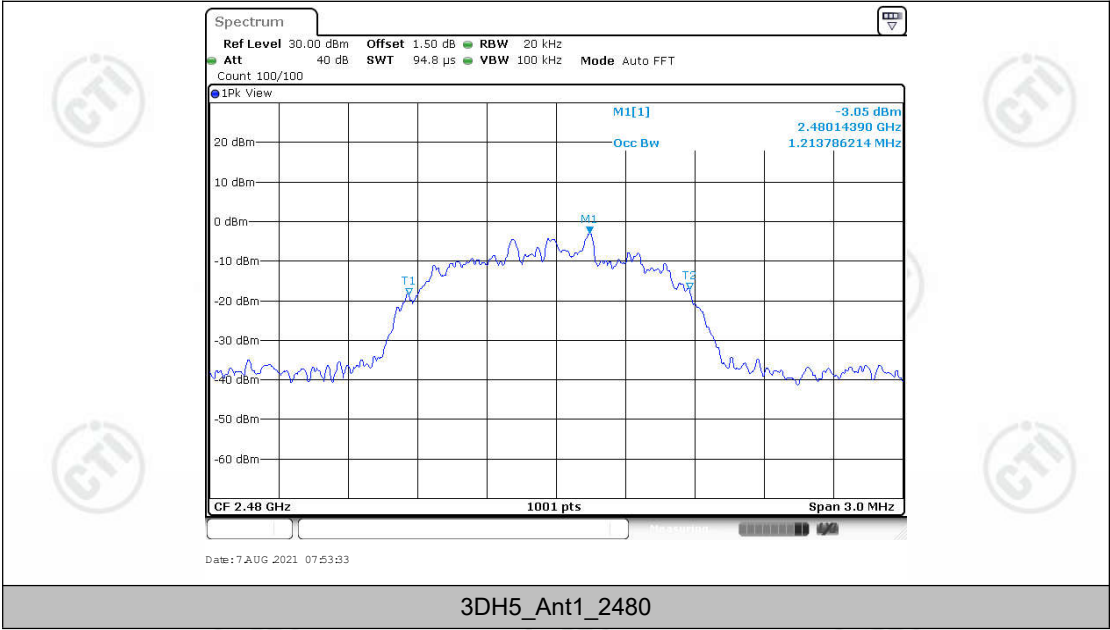
Test Graphs









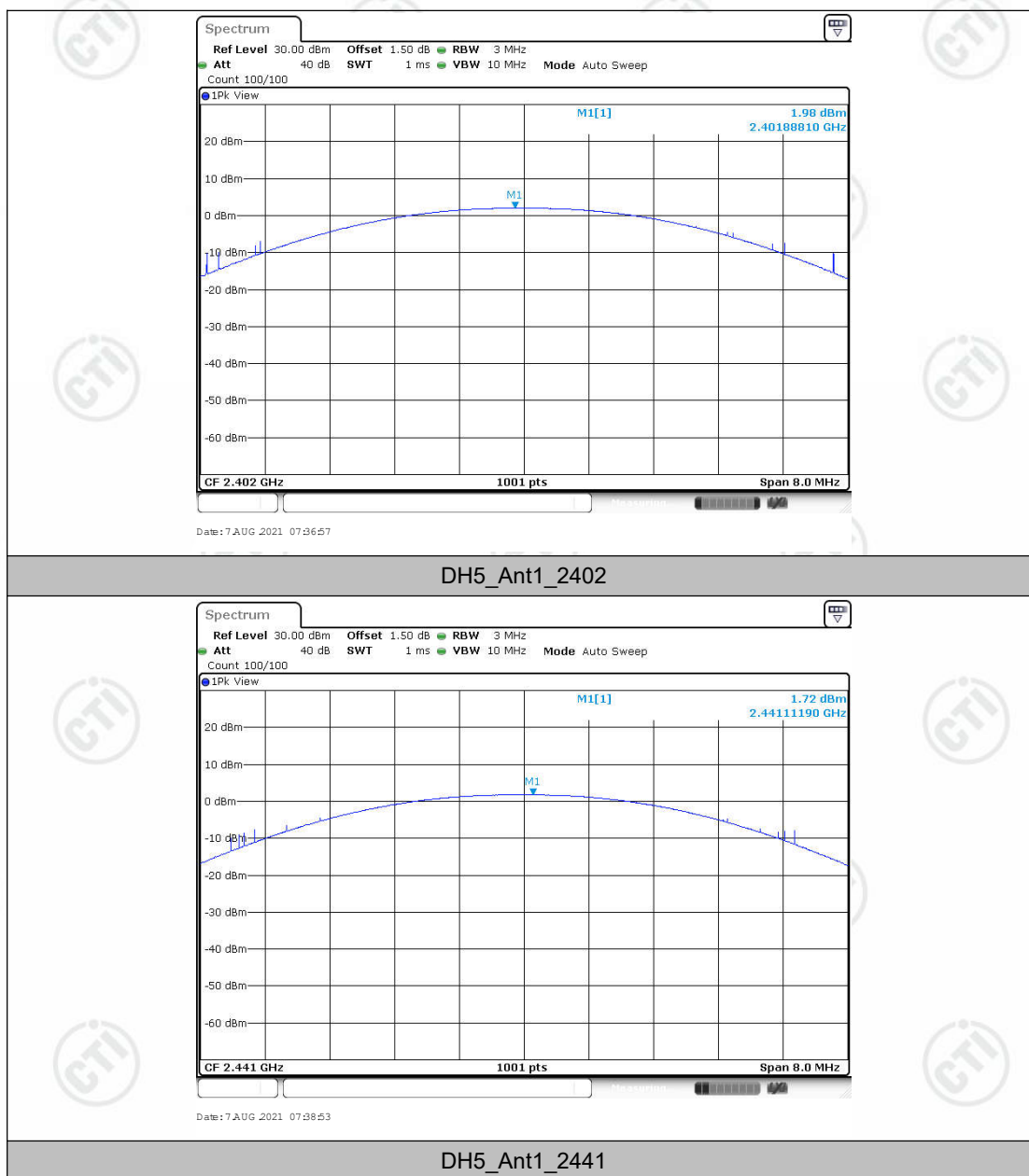


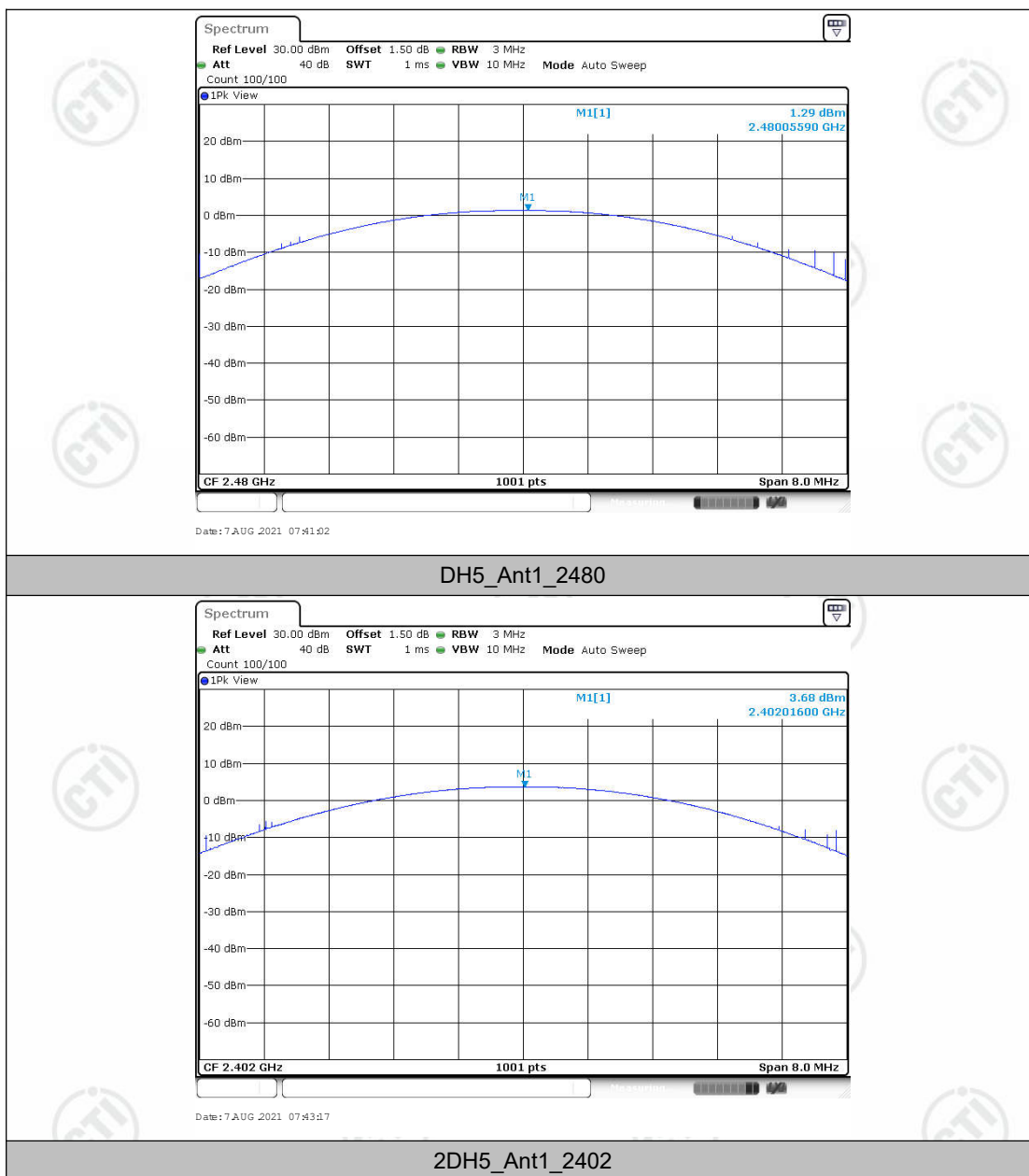
Appendix C: Maximum conducted output power

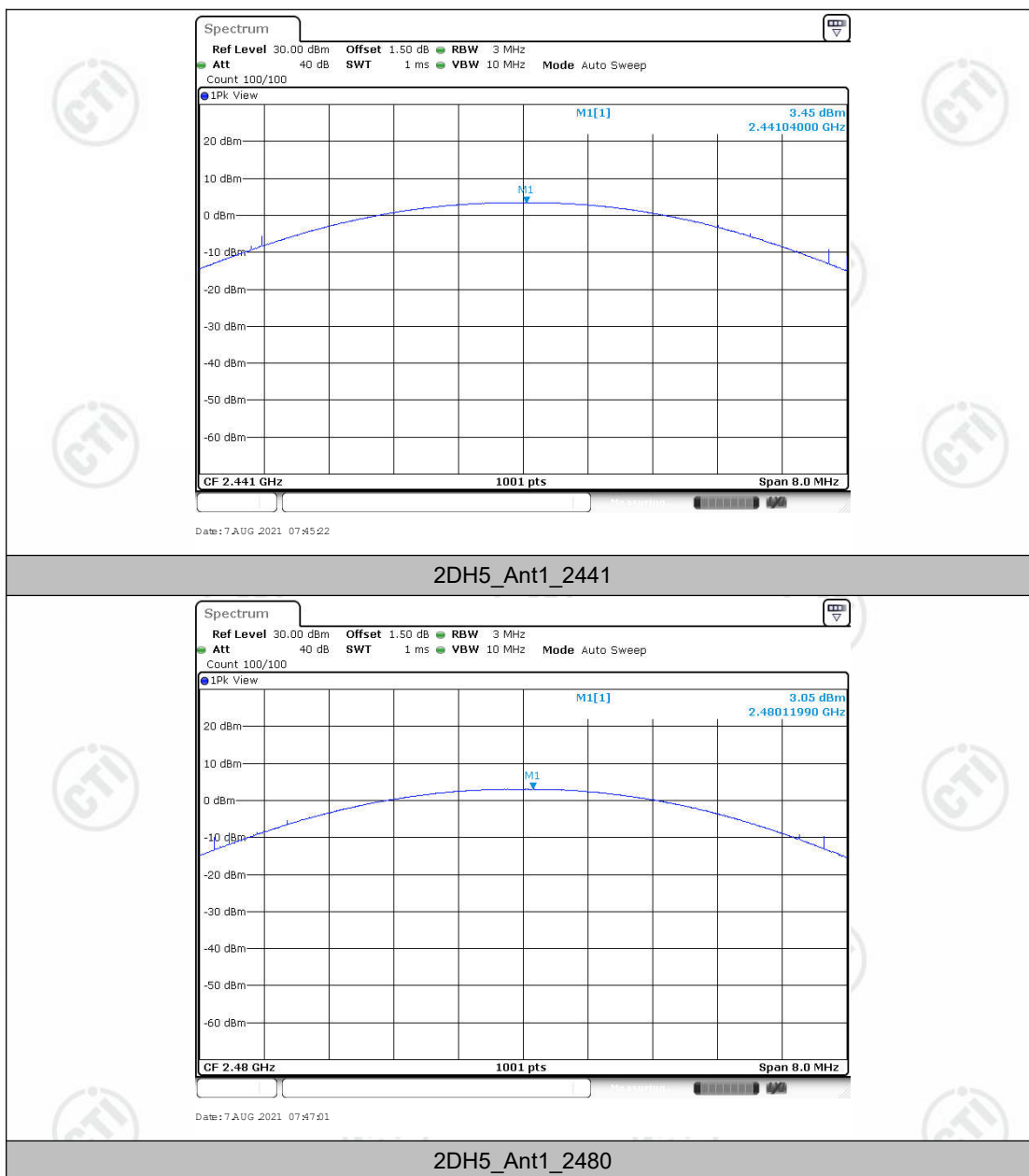
Test Result

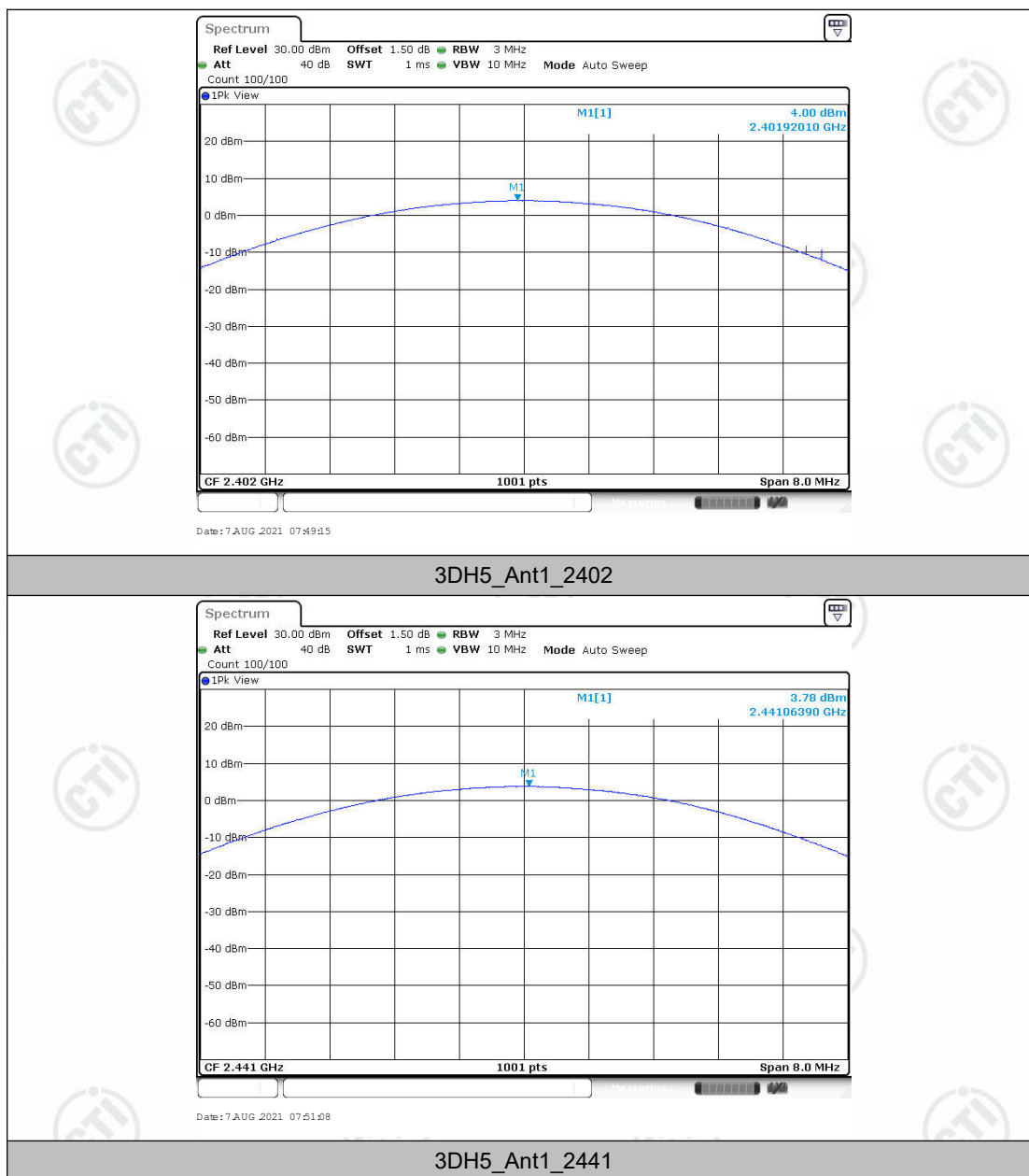
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.98	≤ 21	PASS
		2441	1.72	≤ 21	PASS
		2480	1.29	≤ 21	PASS
2DH5	Ant1	2402	3.68	≤ 21	PASS
		2441	3.45	≤ 21	PASS
		2480	3.05	≤ 21	PASS
3DH5	Ant1	2402	4.00	≤ 21	PASS
		2441	3.78	≤ 21	PASS
		2480	3.37	≤ 21	PASS

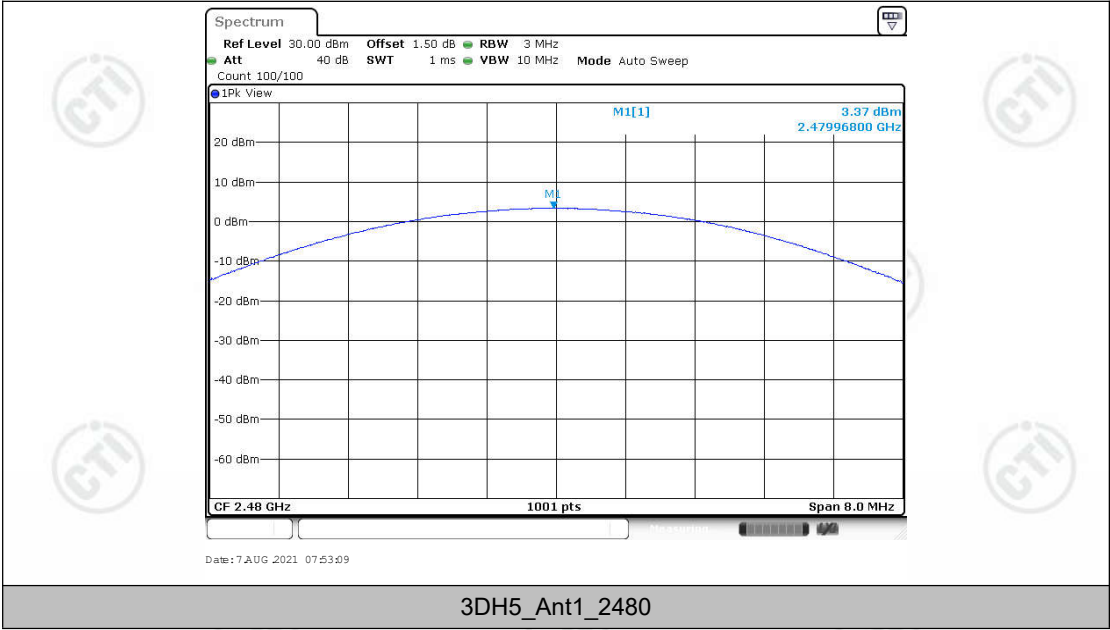
Test Graphs







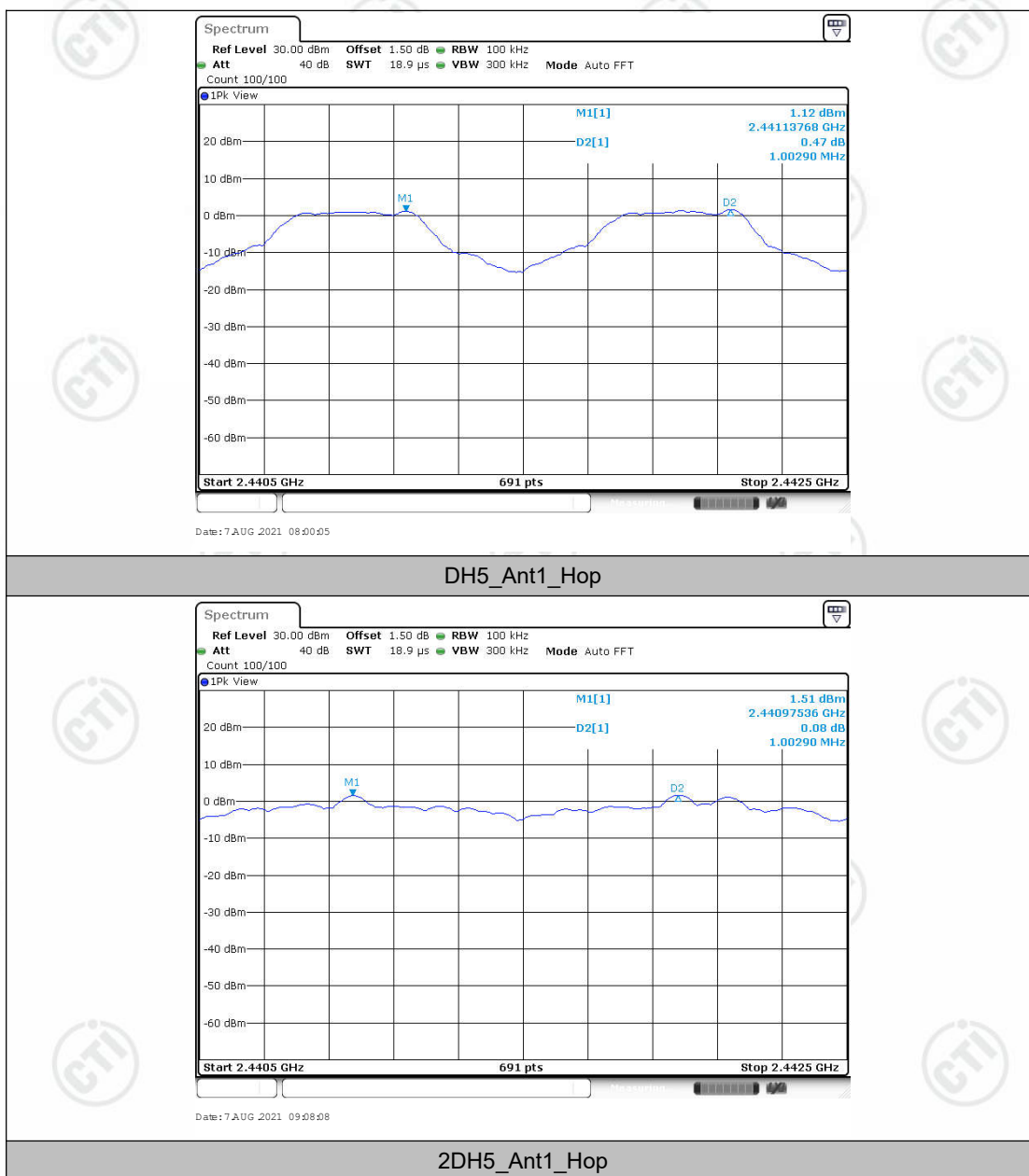


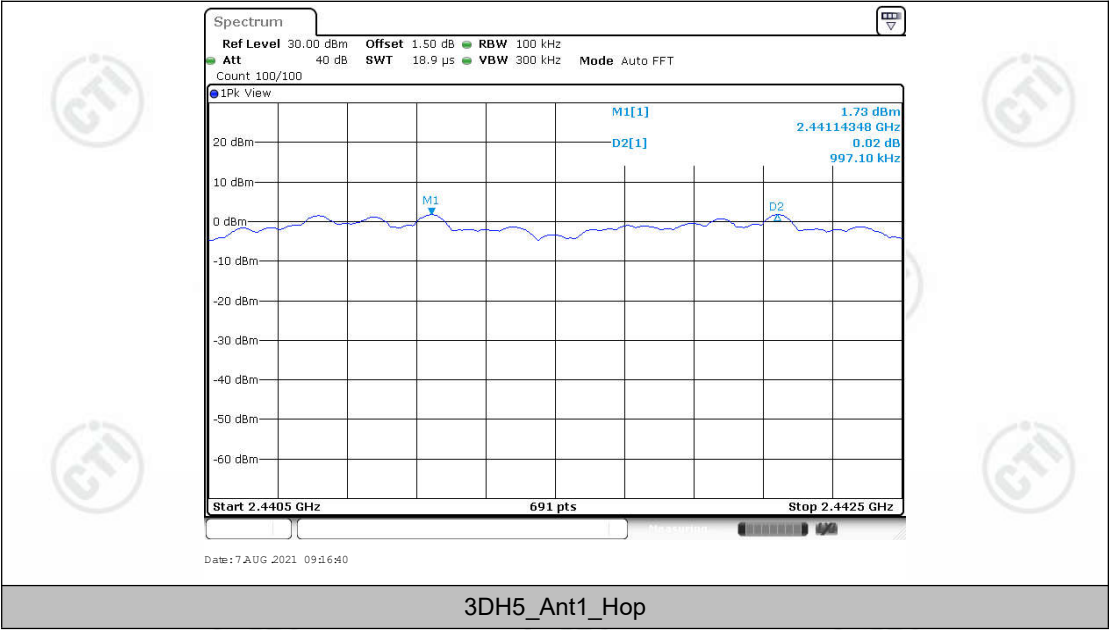


Appendix D: Carrier frequency separation**Test Result**

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.945	PASS
2DH5	Ant1	Hop	1.003	≥ 0.894	PASS
3DH5	Ant1	Hop	0.997	≥ 0.890	PASS

Test Graphs



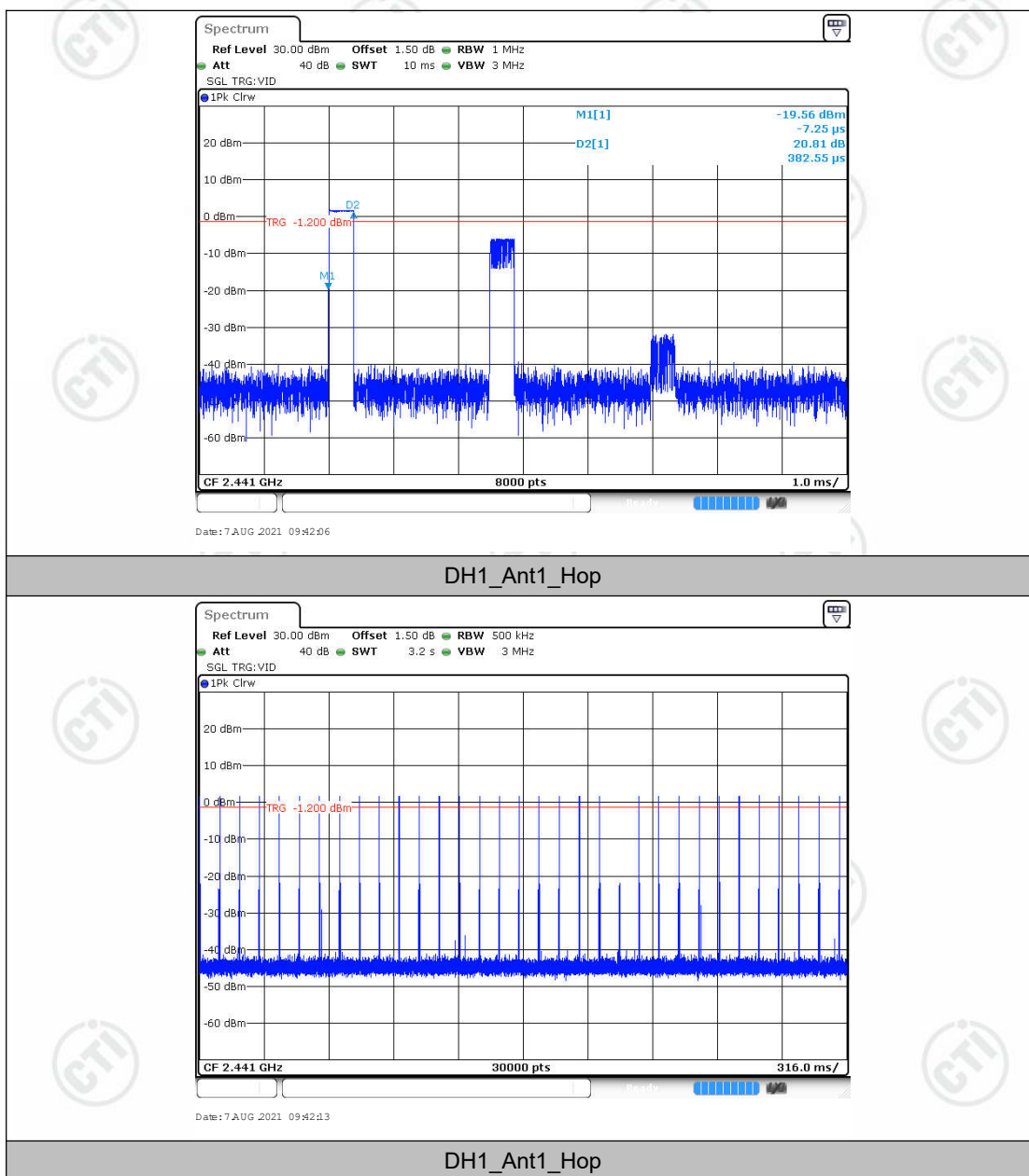


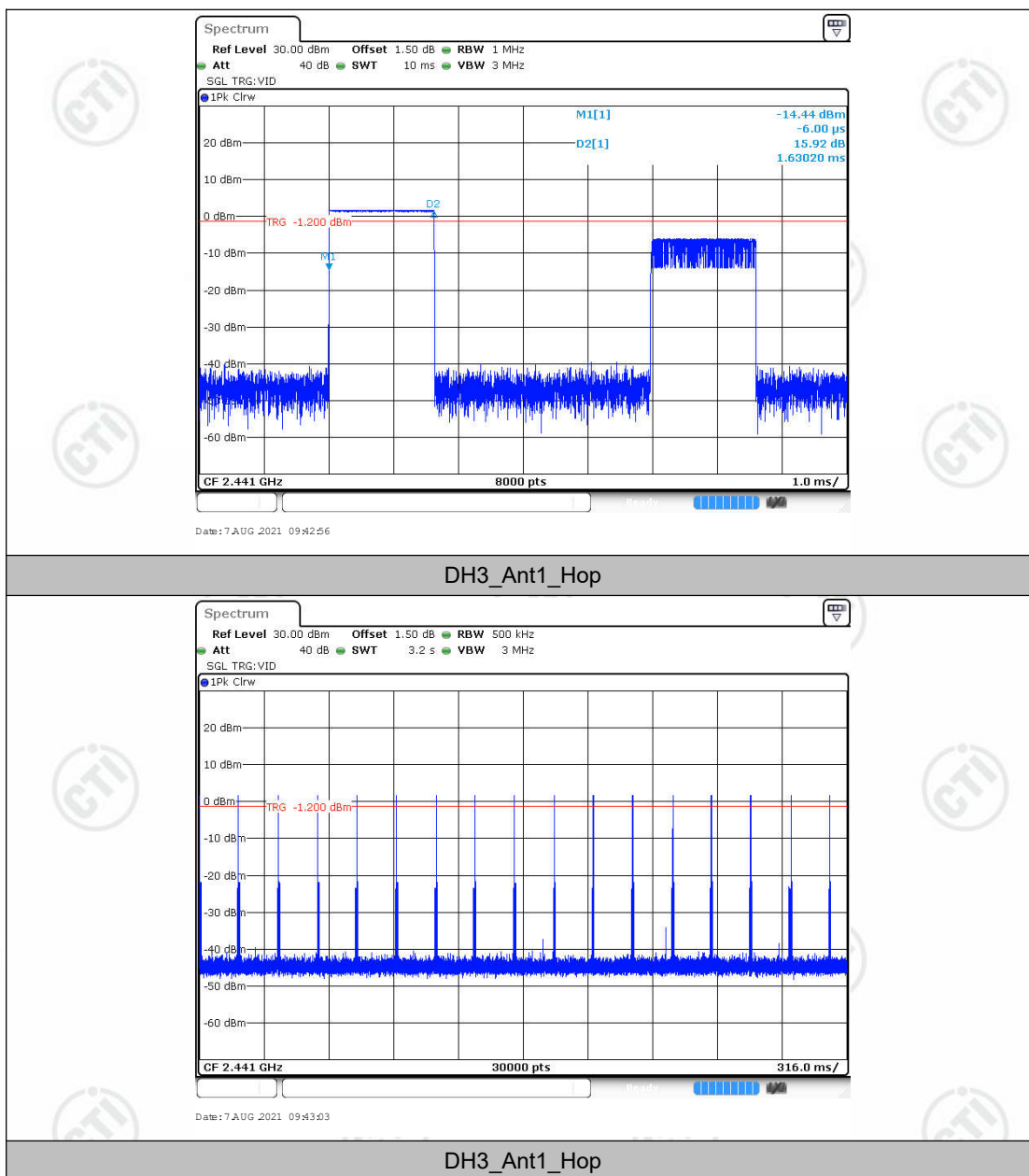
Appendix E: Time of occupancy

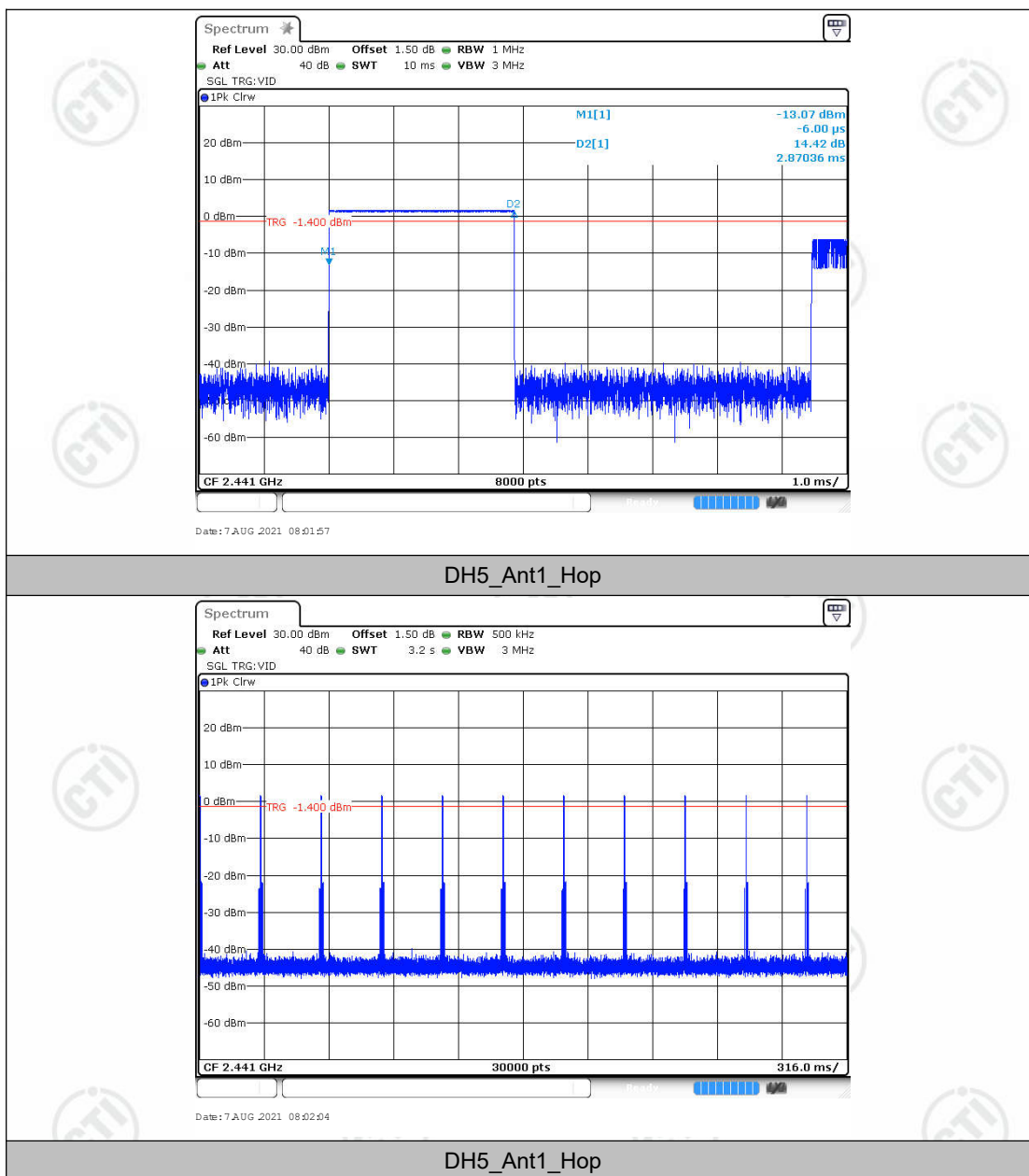
Test Result

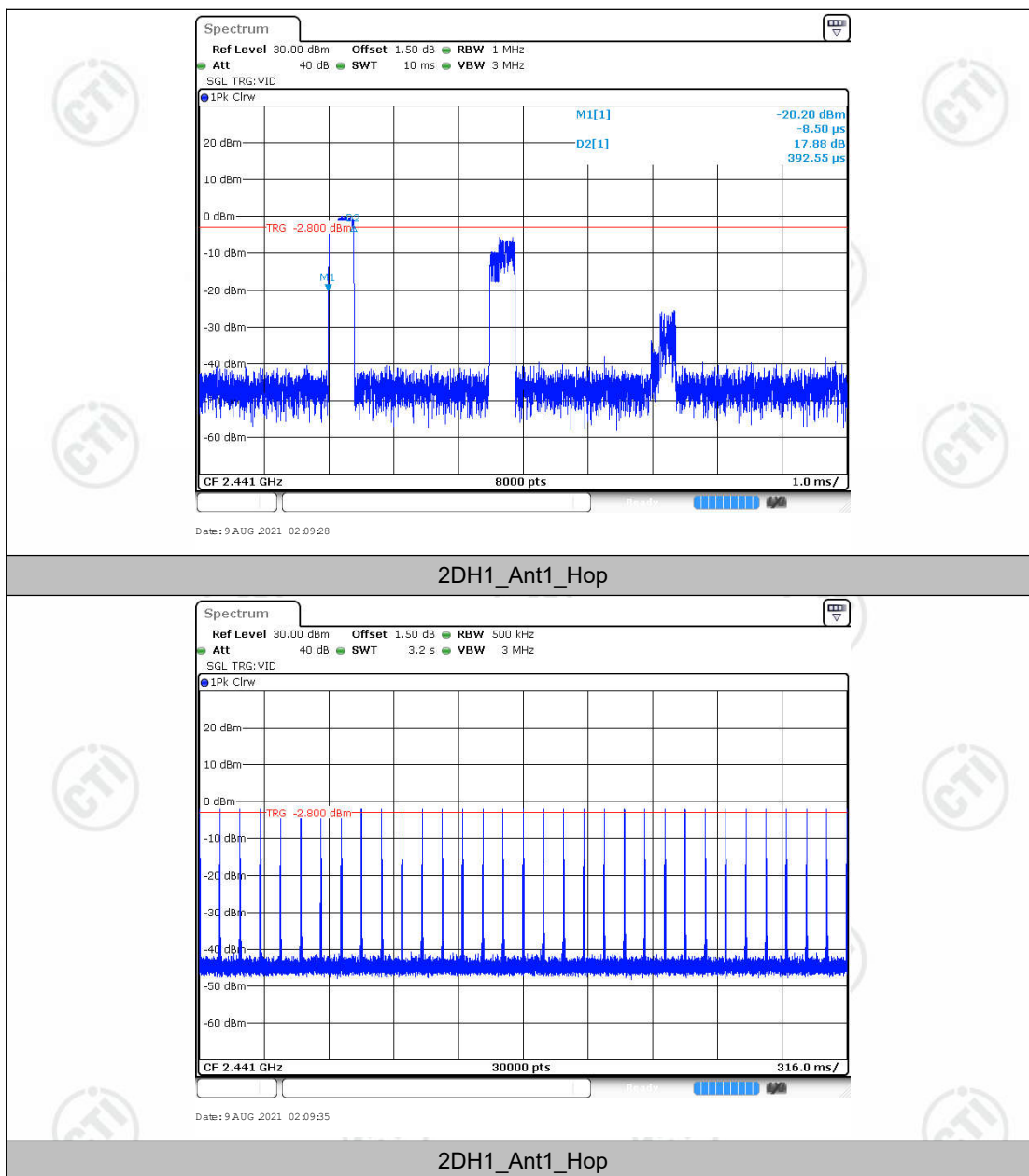
Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.38	320	0.122	≤ 0.4	PASS
DH3	Ant1	Hop	1.63	170	0.277	≤ 0.4	PASS
DH5	Ant1	Hop	2.87	110	0.316	≤ 0.4	PASS
2DH1	Ant1	Hop	0.39	320	0.126	≤ 0.4	PASS
2DH3	Ant1	Hop	1.64	170	0.278	≤ 0.4	PASS
2DH5	Ant1	Hop	2.88	110	0.317	≤ 0.4	PASS
3DH1	Ant1	Hop	0.39	320	0.126	≤ 0.4	PASS
3DH3	Ant1	Hop	1.64	170	0.278	≤ 0.4	PASS
3DH5	Ant1	Hop	2.88	110	0.317	≤ 0.4	PASS

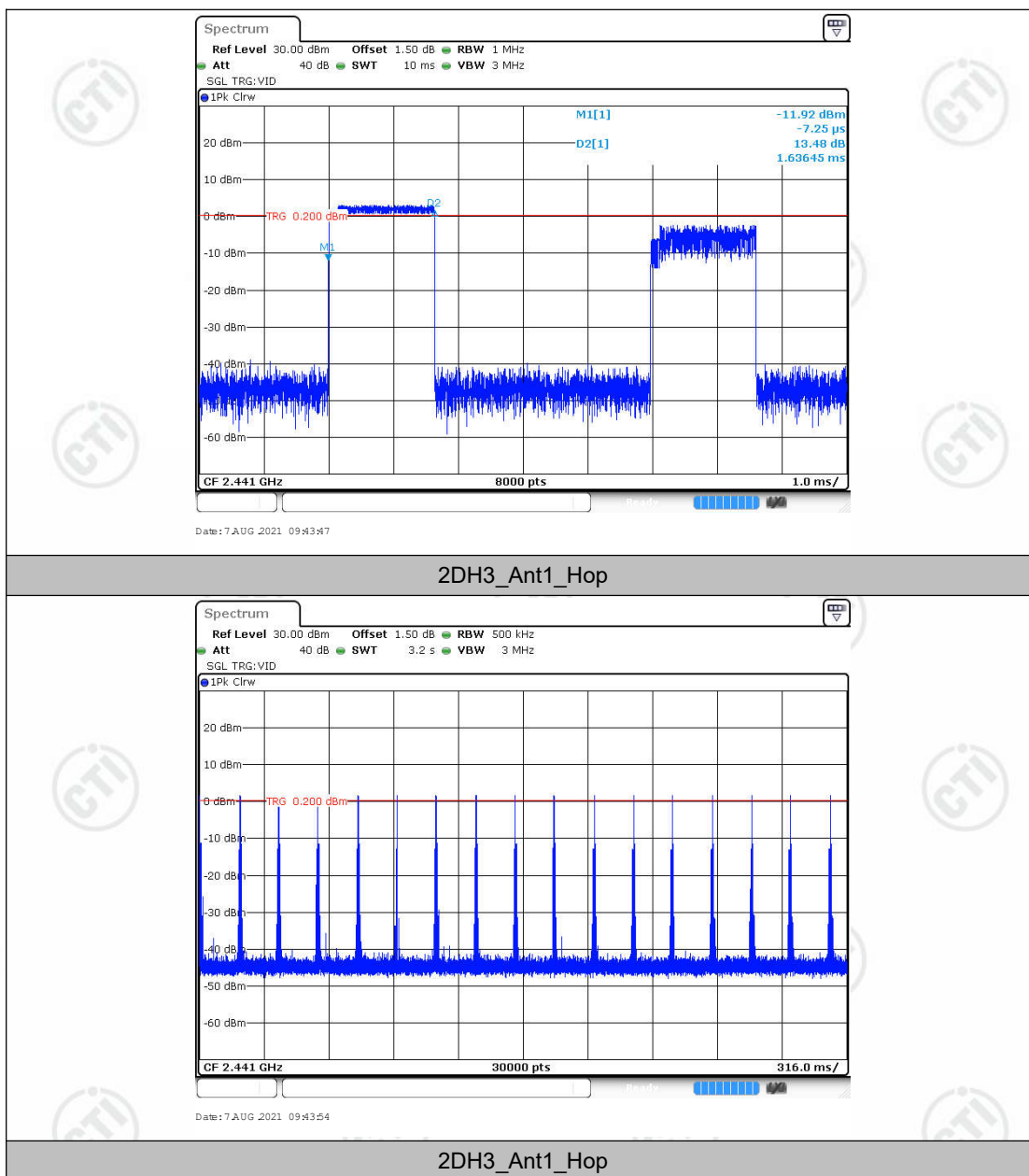
Test Graphs

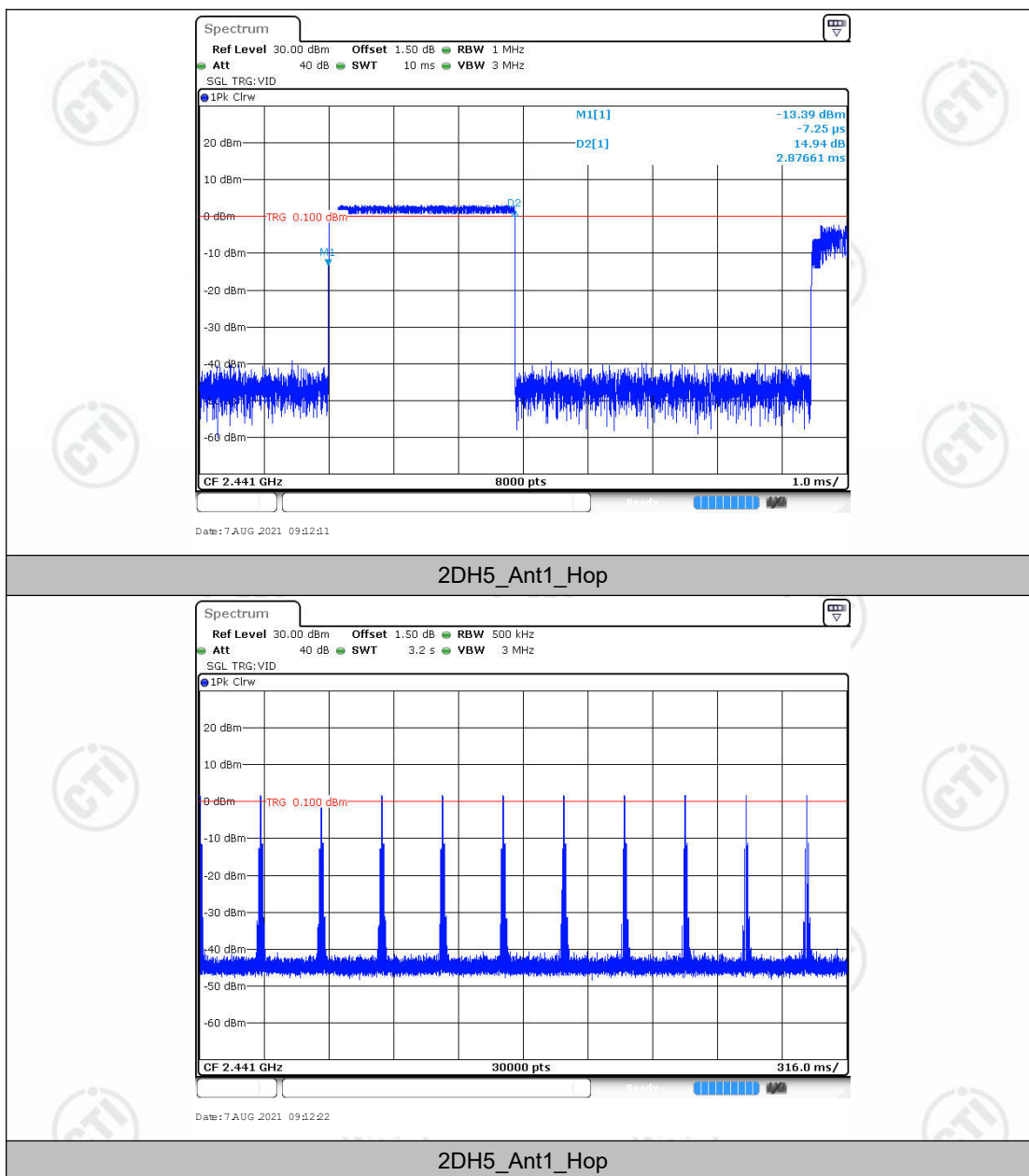


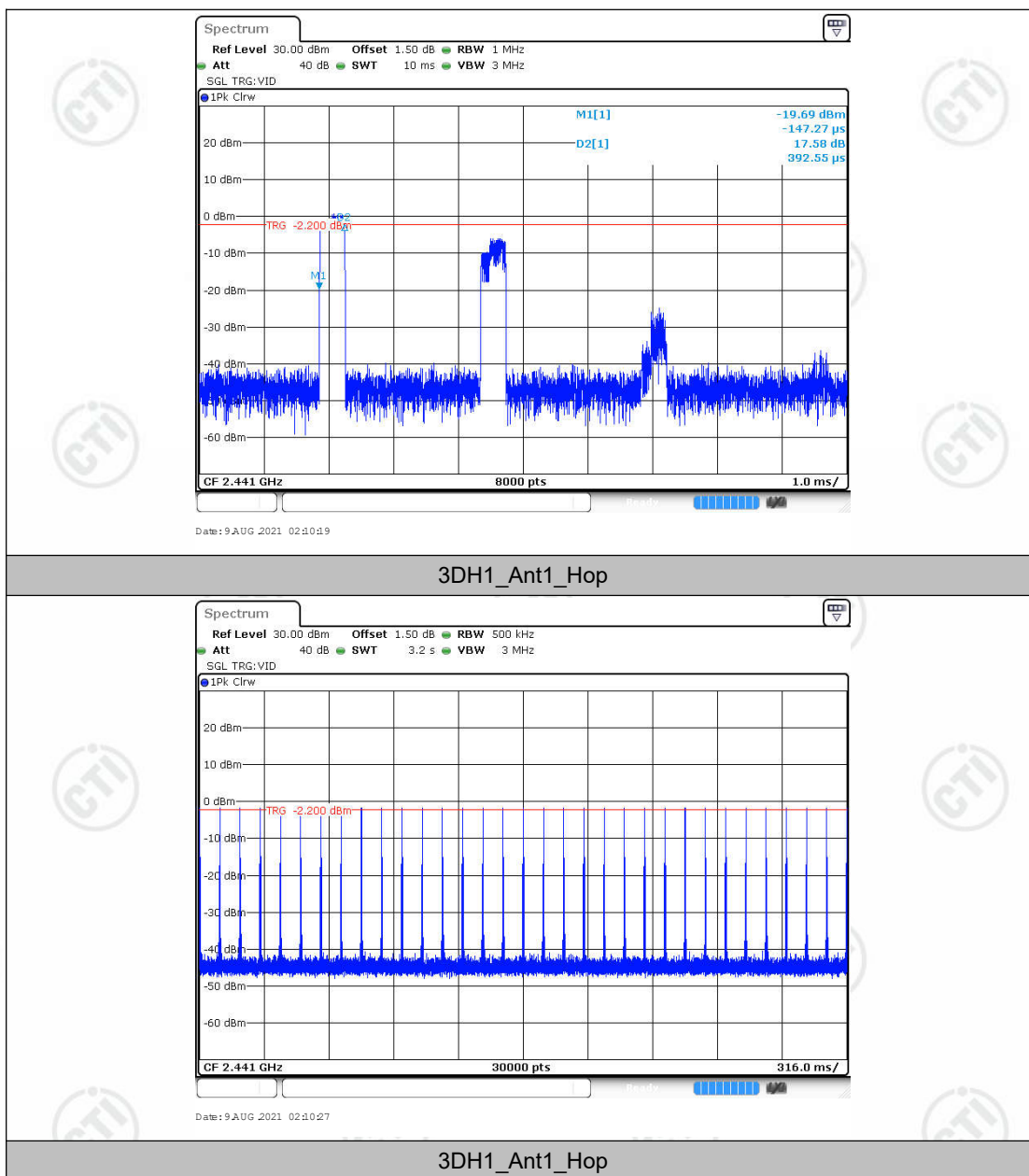


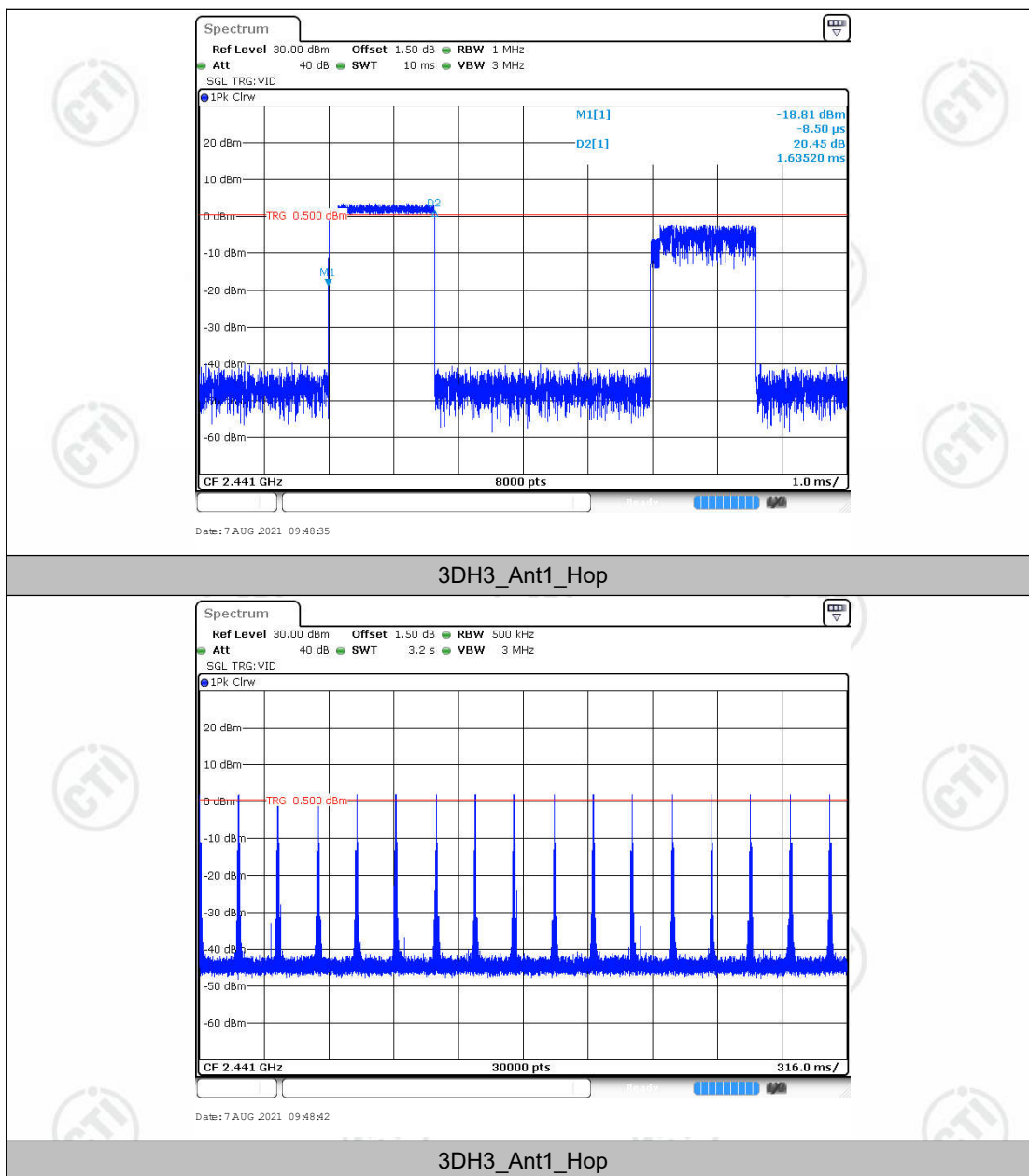


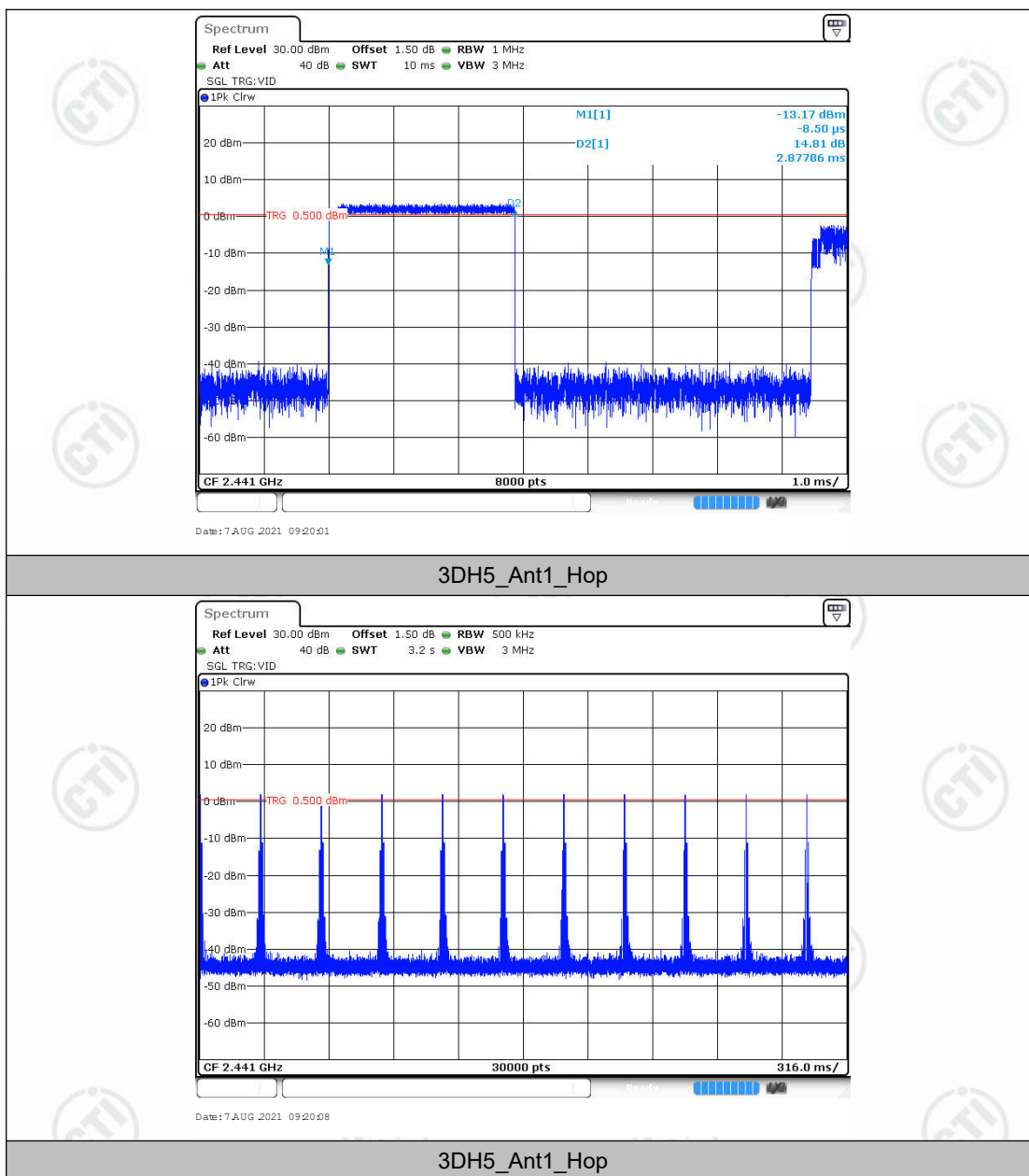








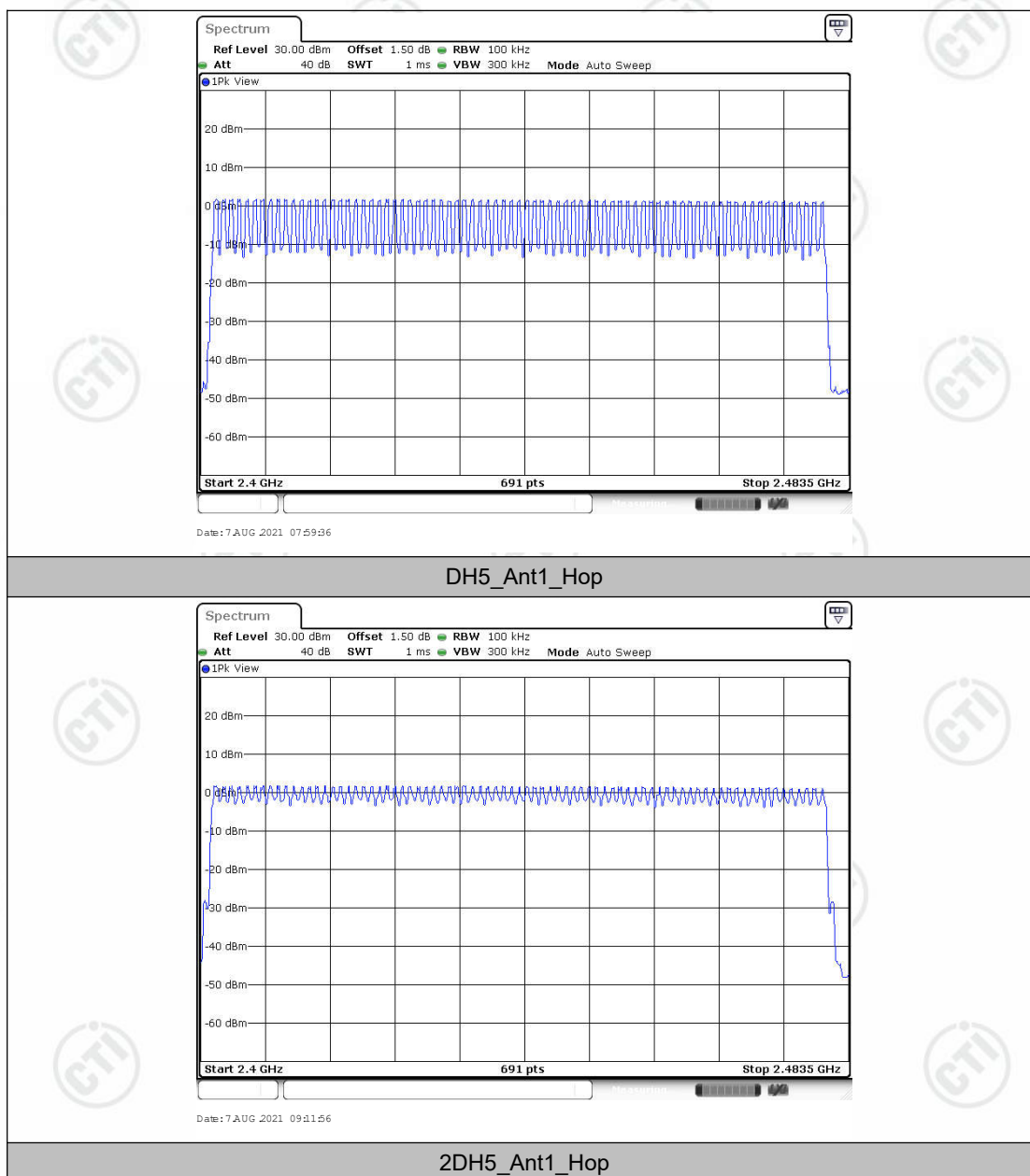


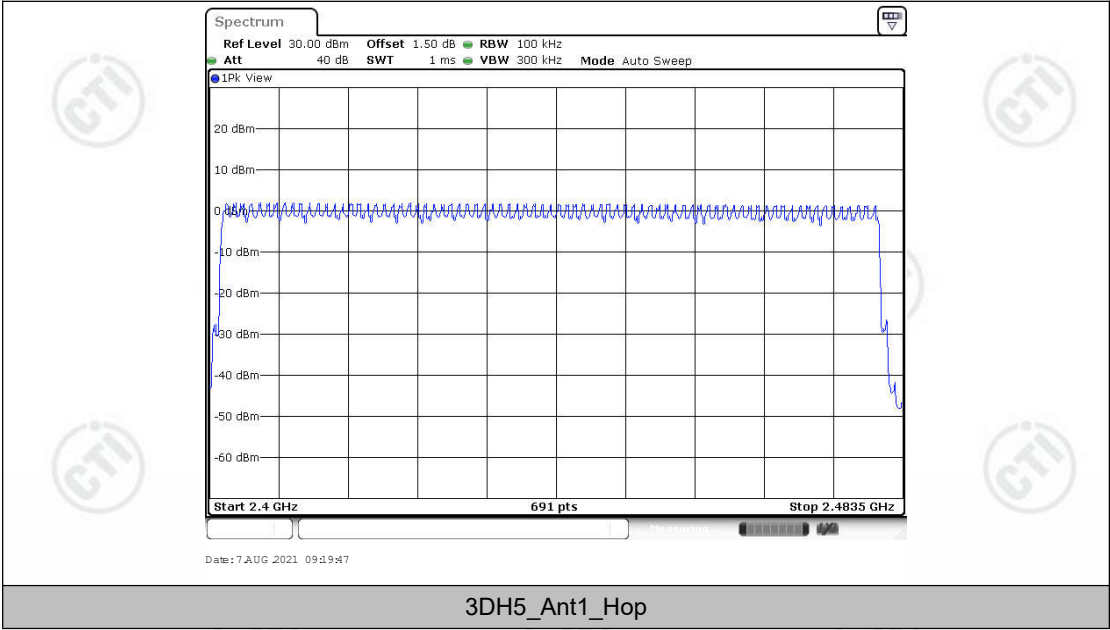


Appendix F: Number of hopping channels**Test Result**

Test Mode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	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	2.11	-54.7	<=-17.89	PASS
		High	2480	1.31	-52.77	<=-18.69	PASS
		Low	Hop_2402	2.04	-57.81	<=-17.96	PASS
		High	Hop_2480	1.44	-57.1	<=-18.56	PASS
2DH5	Ant1	Low	2402	1.99	-45.01	<=-18.01	PASS
		High	2480	1.17	-54.02	<=-18.83	PASS
		Low	Hop_2402	1.95	-57.63	<=-18.05	PASS
		High	Hop_2480	1.27	-56.51	<=-18.73	PASS
3DH5	Ant1	Low	2402	1.98	-44.4	<=-18.02	PASS
		High	2480	1.15	-53.65	<=-18.85	PASS
		Low	Hop_2402	1.26	-57.74	<=-18.74	PASS
		High	Hop_2480	1.43	-56.23	<=-18.57	PASS