

Appendix: Bluetooth Classic

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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	0.957	2401.523	2402.480	---	PASS
		2441	0.957	2440.523	2441.480	---	PASS
		2480	0.957	2479.523	2480.480	---	PASS
2DH5	Ant1	2402	1.287	2401.361	2402.648	---	PASS
		2441	1.287	2440.361	2441.648	---	PASS
		2480	1.287	2479.361	2480.648	---	PASS

Test Graphs





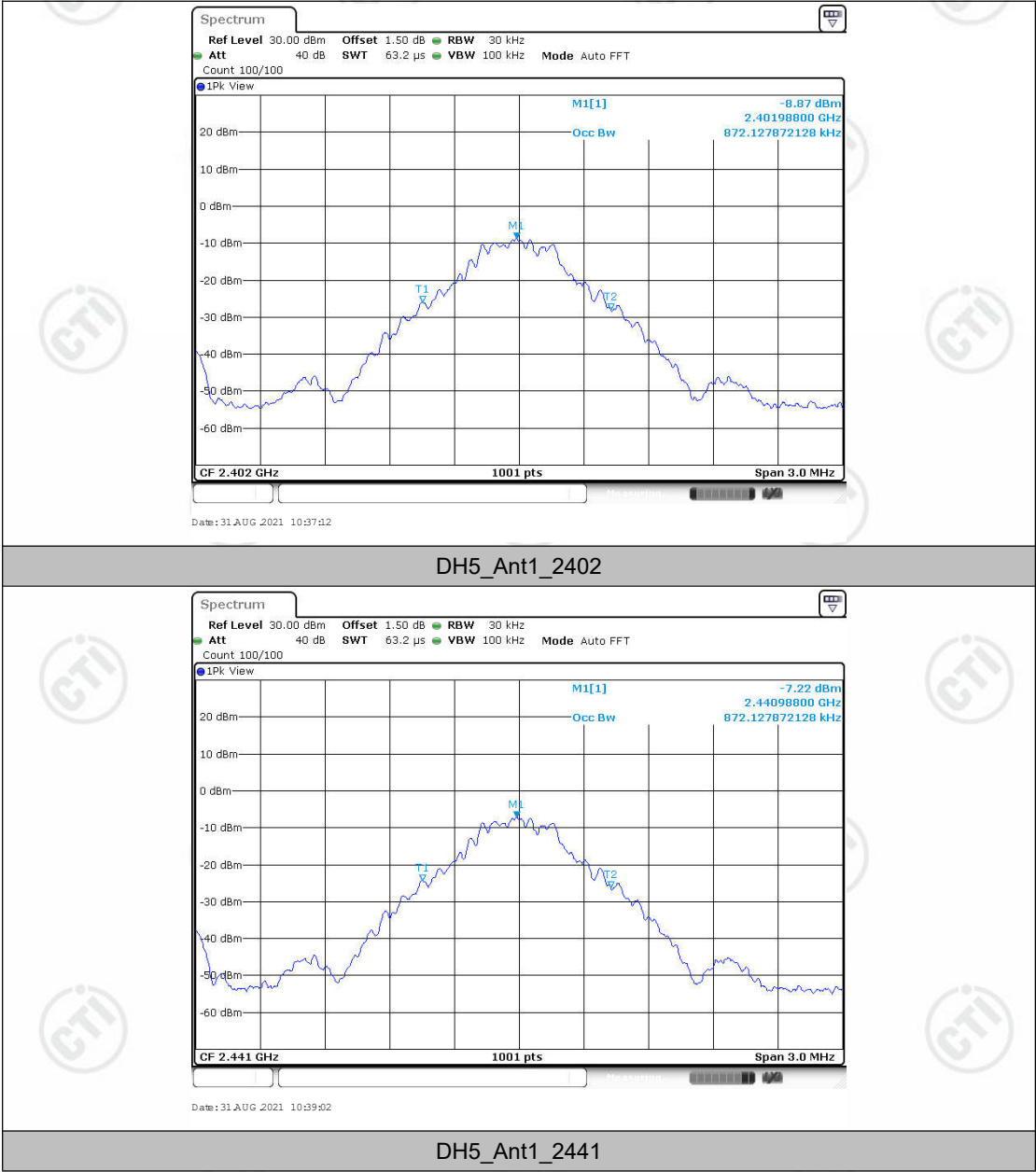


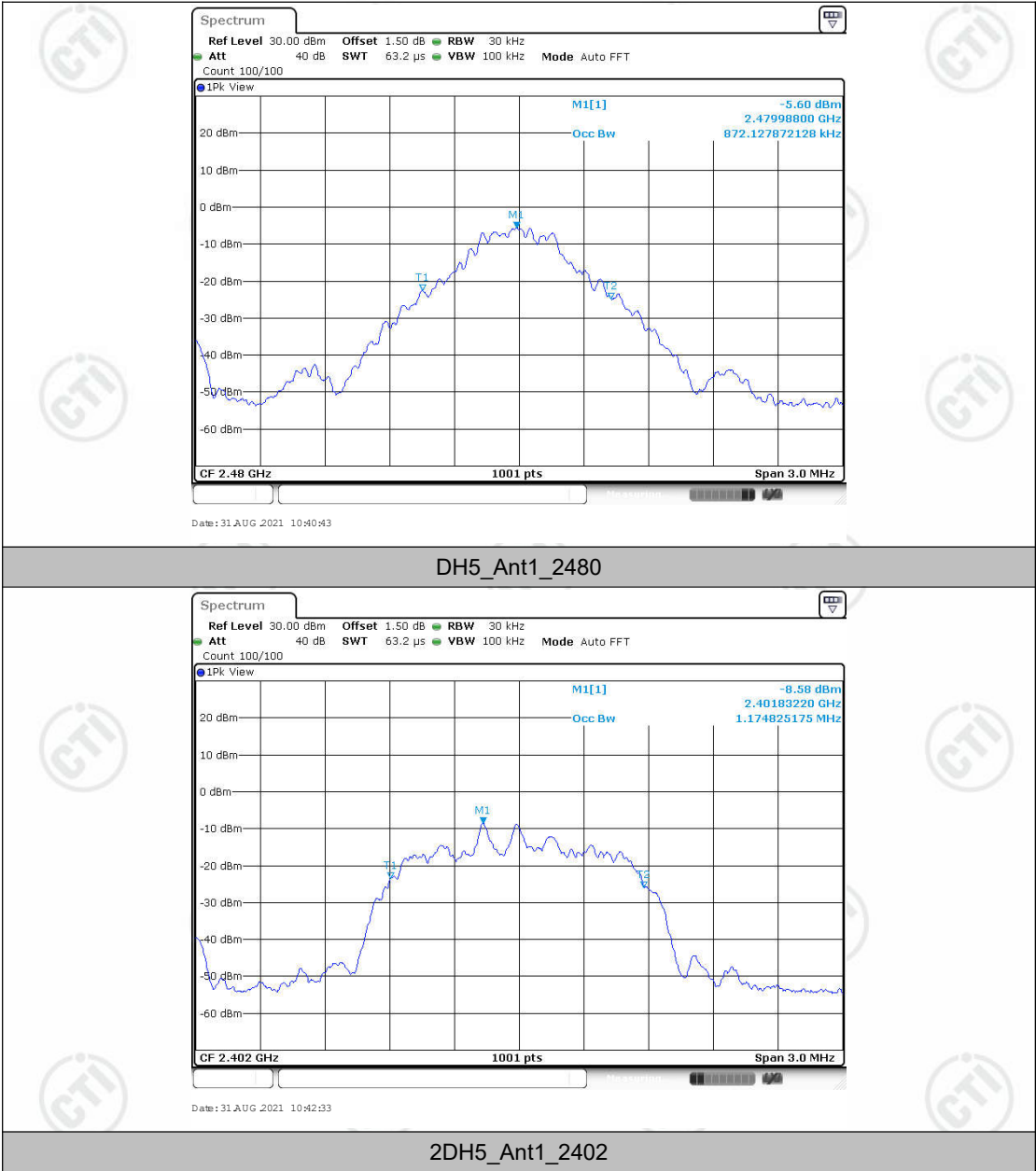
Appendix B: Occupied Channel Bandwidth

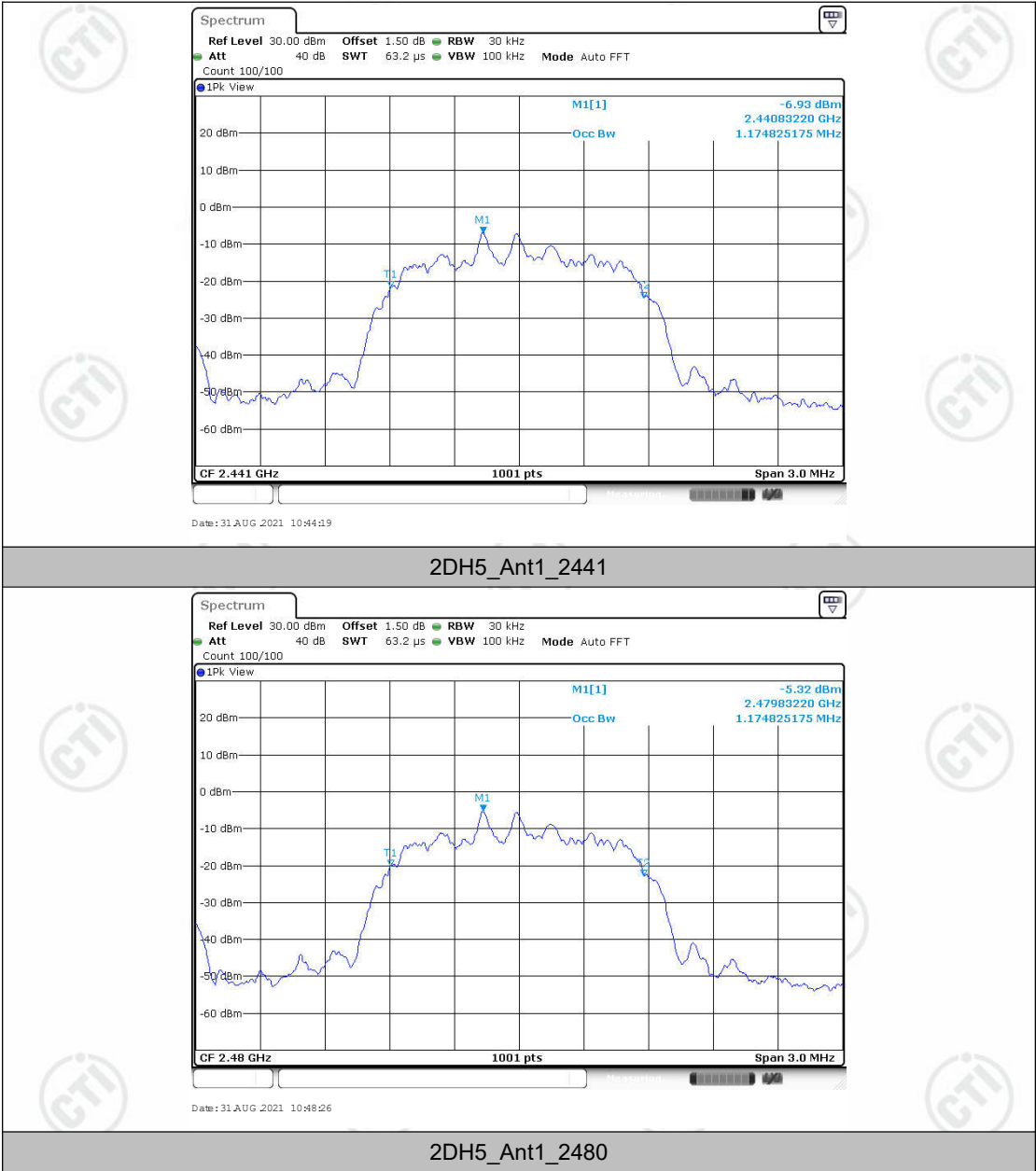
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.872	2401.553	2402.426	---	PASS
		2441	0.872	2440.553	2441.426	---	PASS
		2480	0.872	2479.553	2480.426	---	PASS
2DH5	Ant1	2402	1.175	2401.404	2402.578	---	PASS
		2441	1.175	2440.404	2441.578	---	PASS
		2480	1.175	2479.404	2480.578	---	PASS

Test Graphs





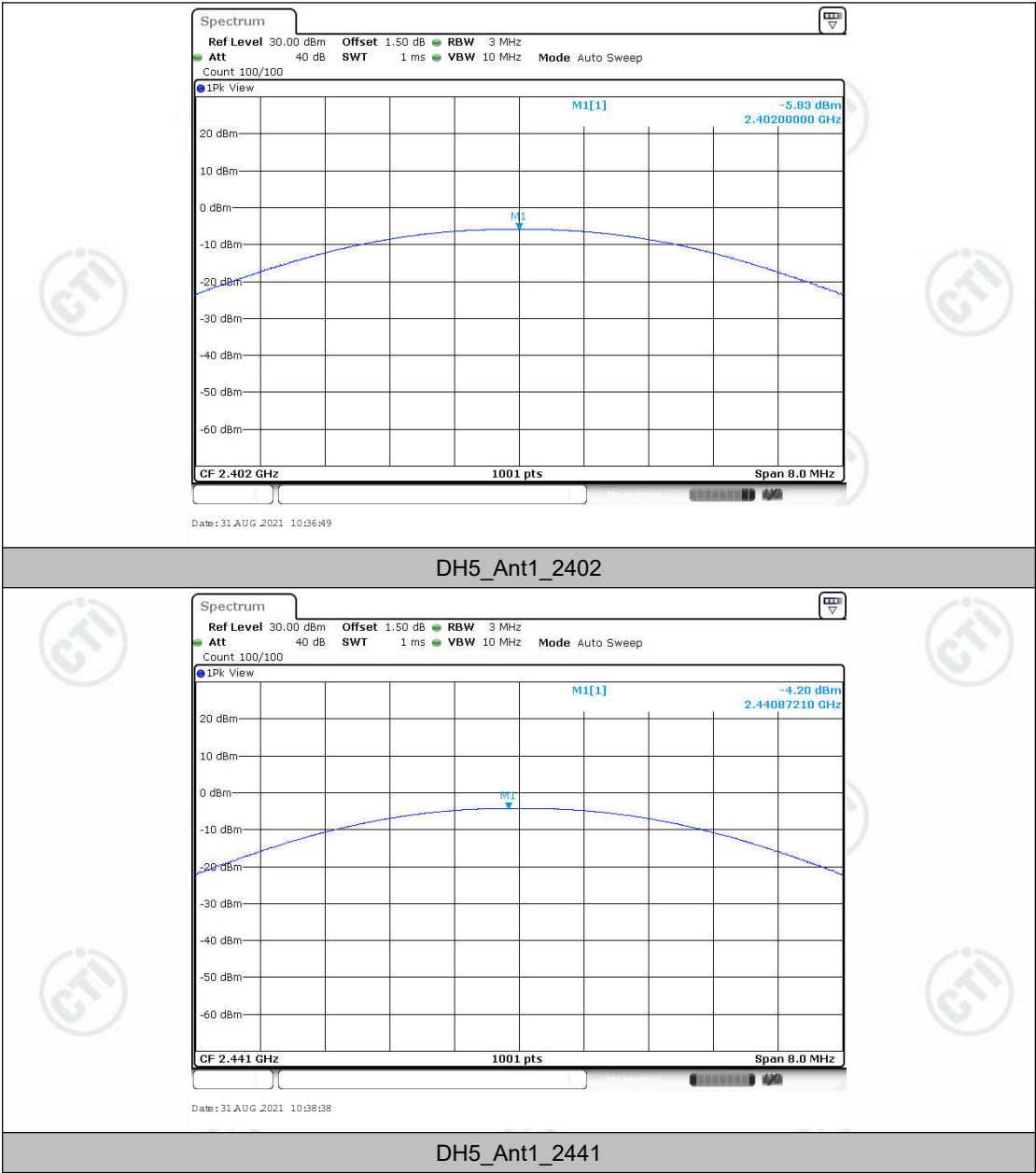


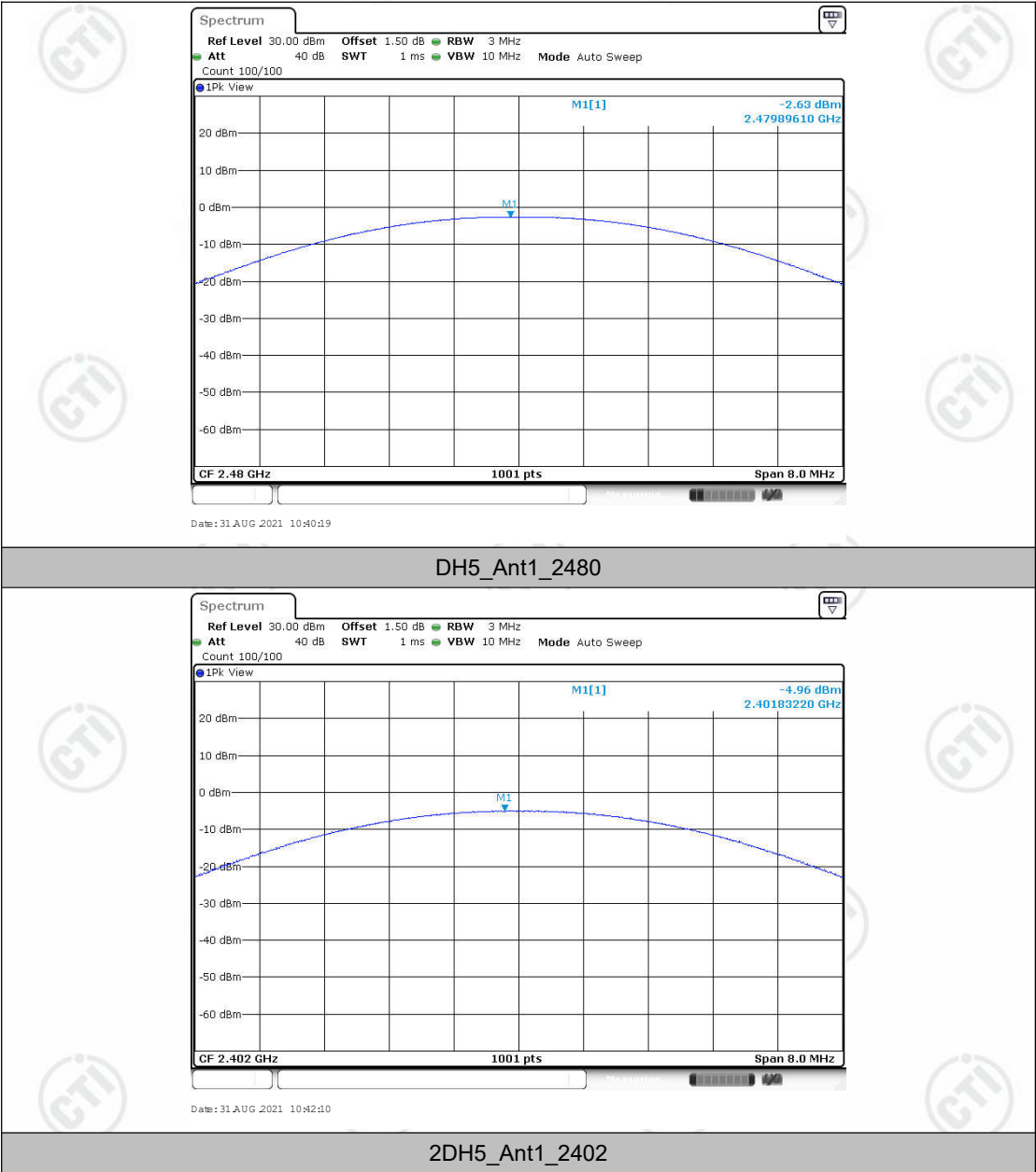
Appendix C: Maximum conducted output power

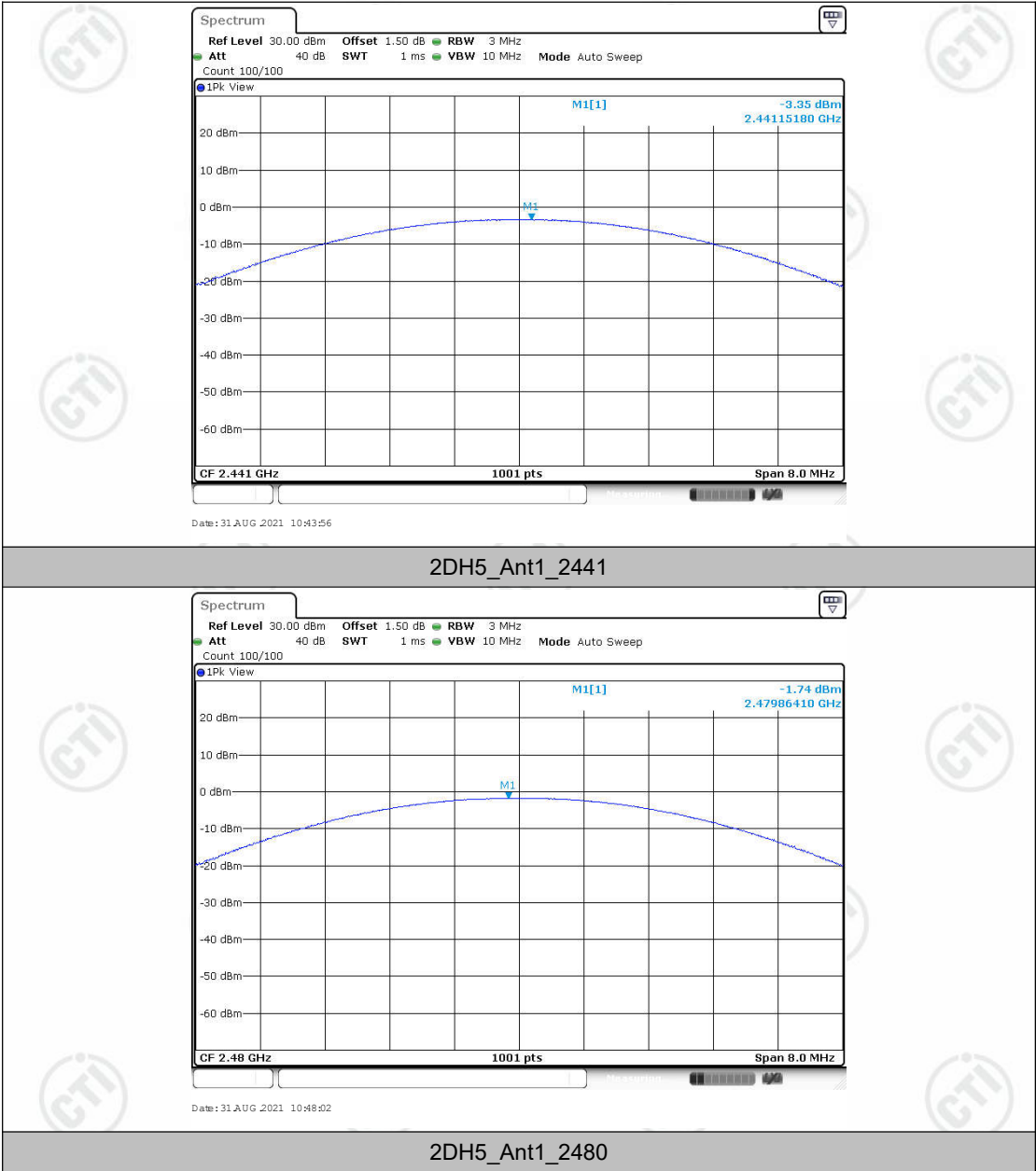
Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-5.83	<=30	PASS
		2441	-4.2	<=30	PASS
		2480	-2.63	<=30	PASS
2DH5	Ant1	2402	-4.96	<=20.97	PASS
		2441	-3.35	<=20.97	PASS
		2480	-1.74	<=20.97	PASS

Test Graphs





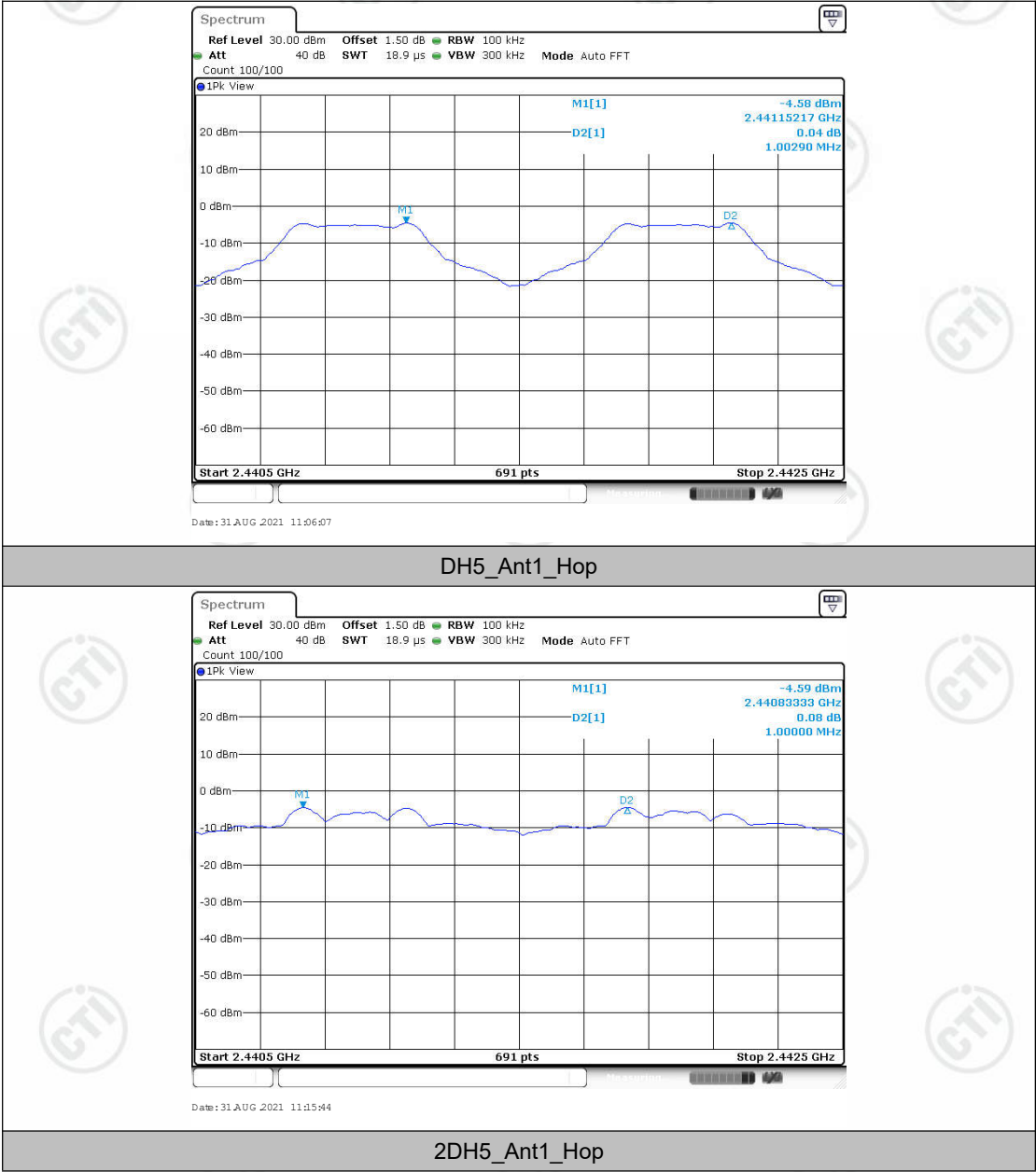


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	>=0.957	PASS
2DH5	Ant1	Hop	1	>=0.858	PASS

Test Graphs

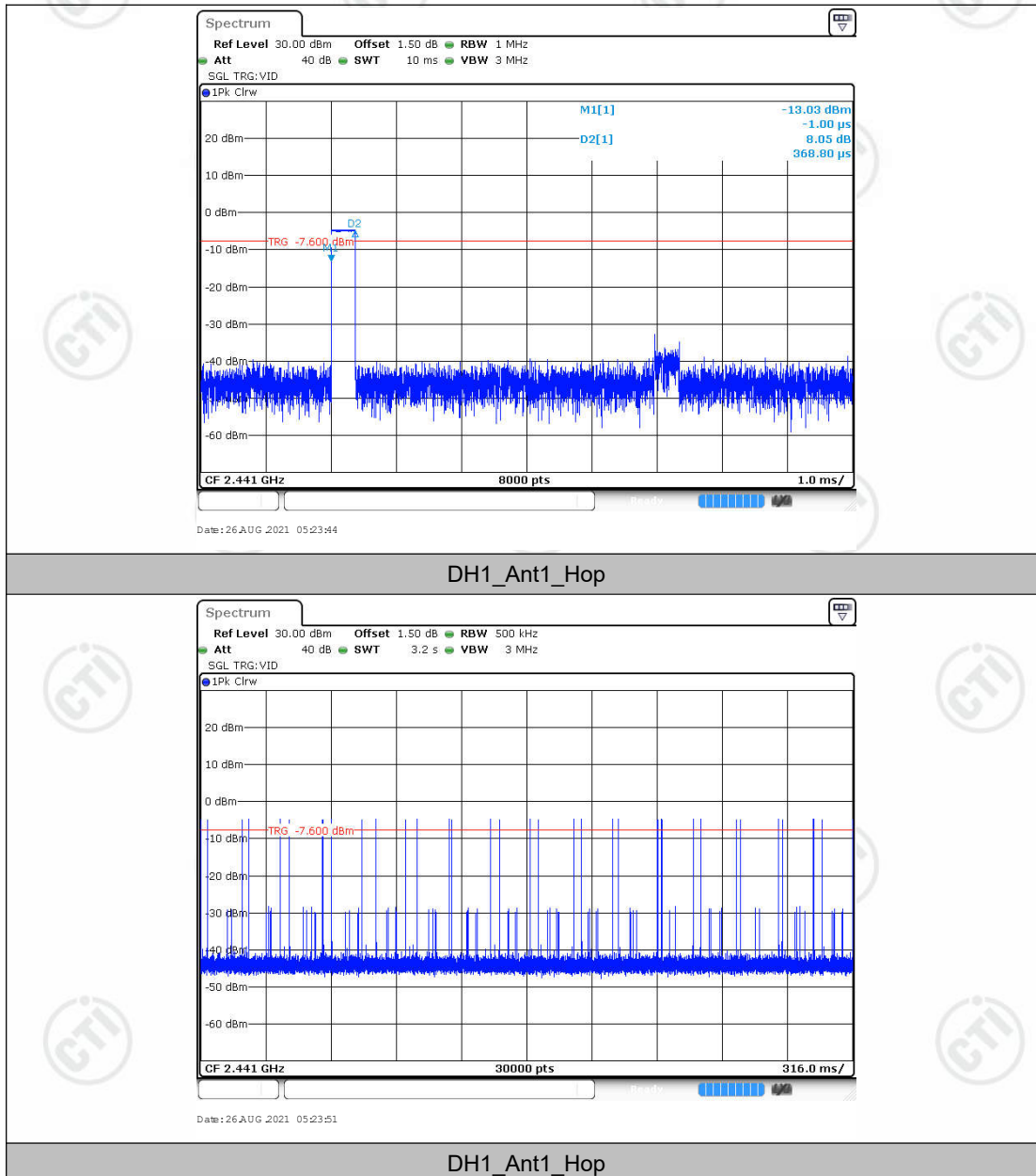


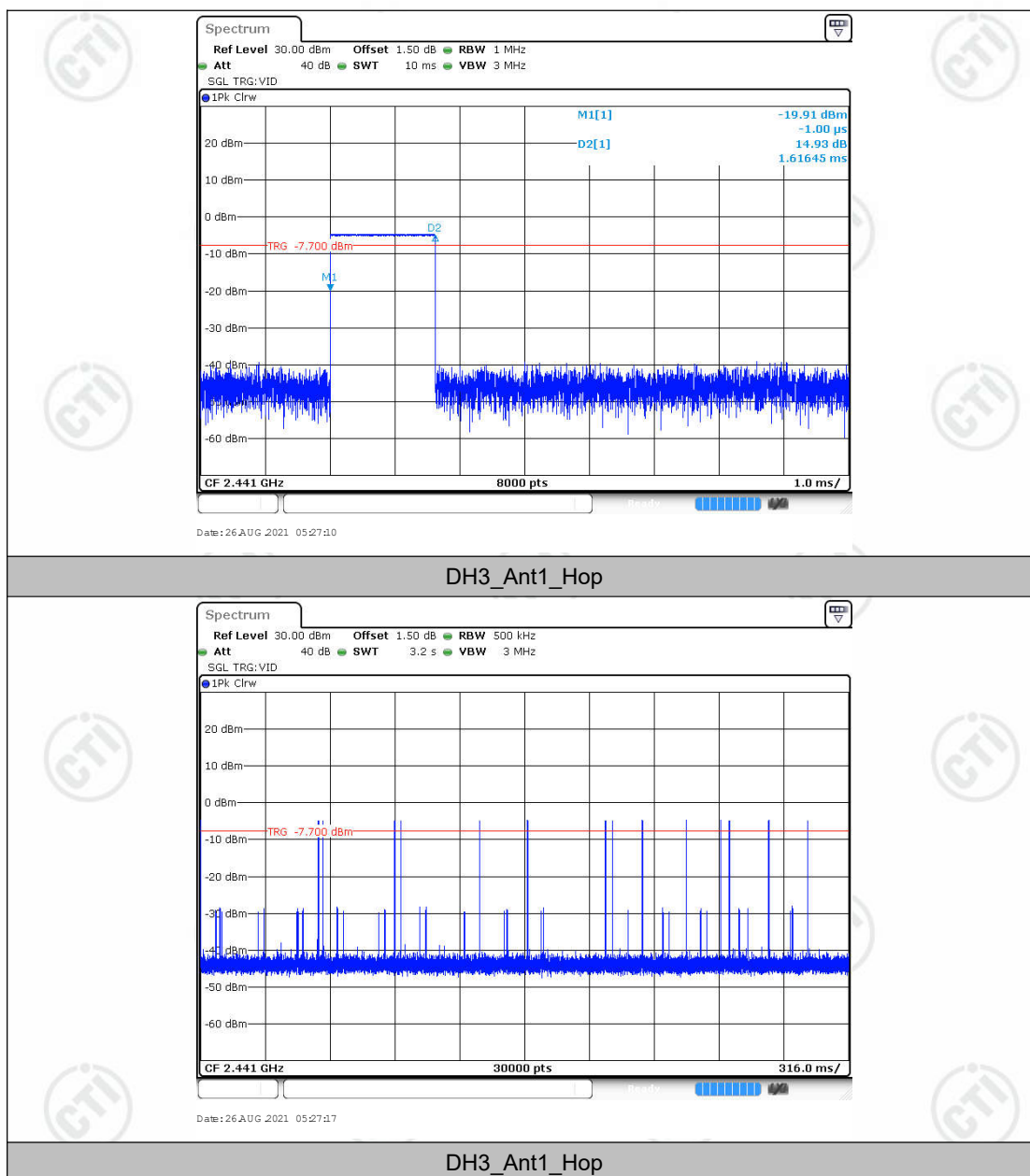
Appendix E: Time of occupancy

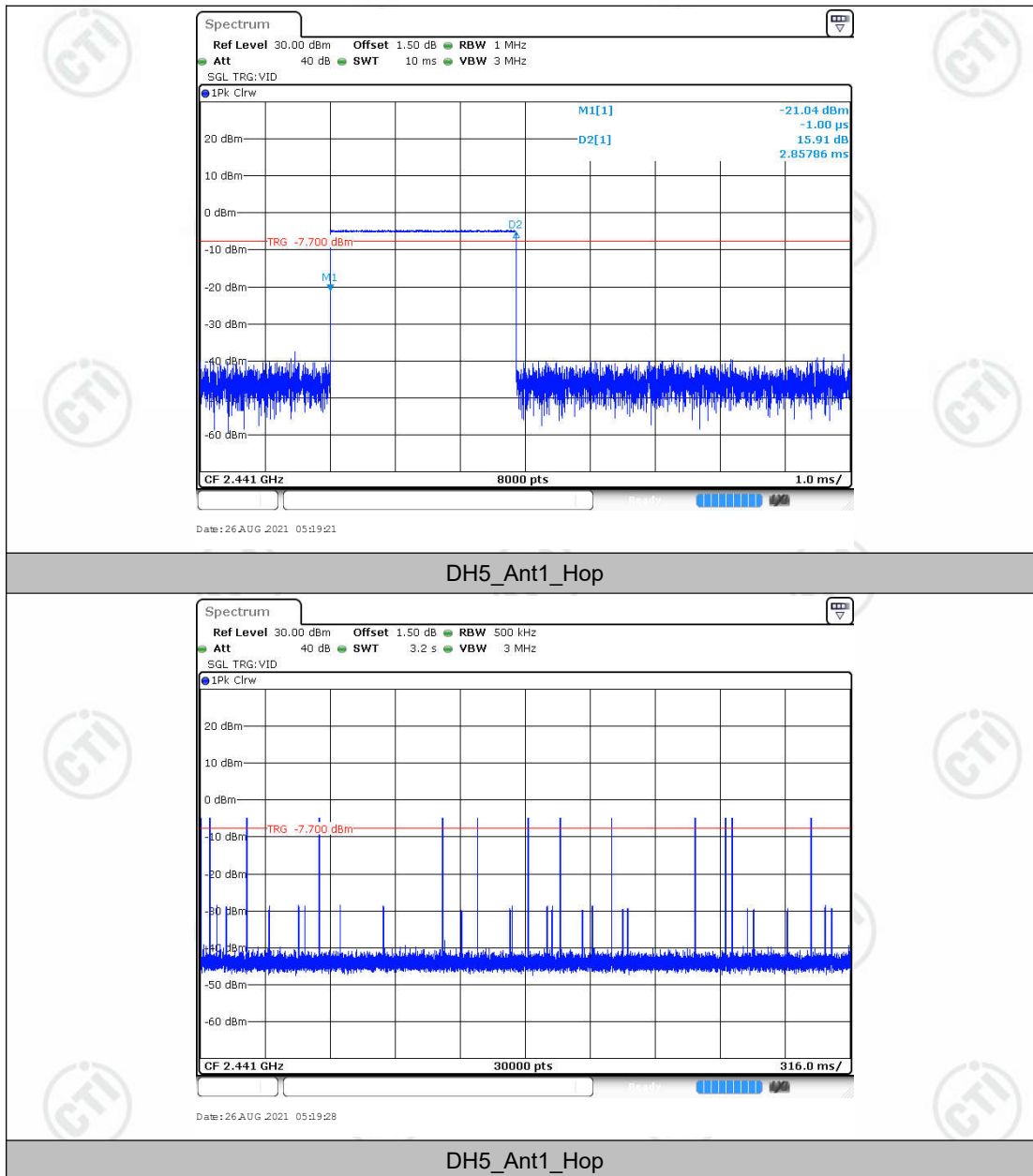
Test Result

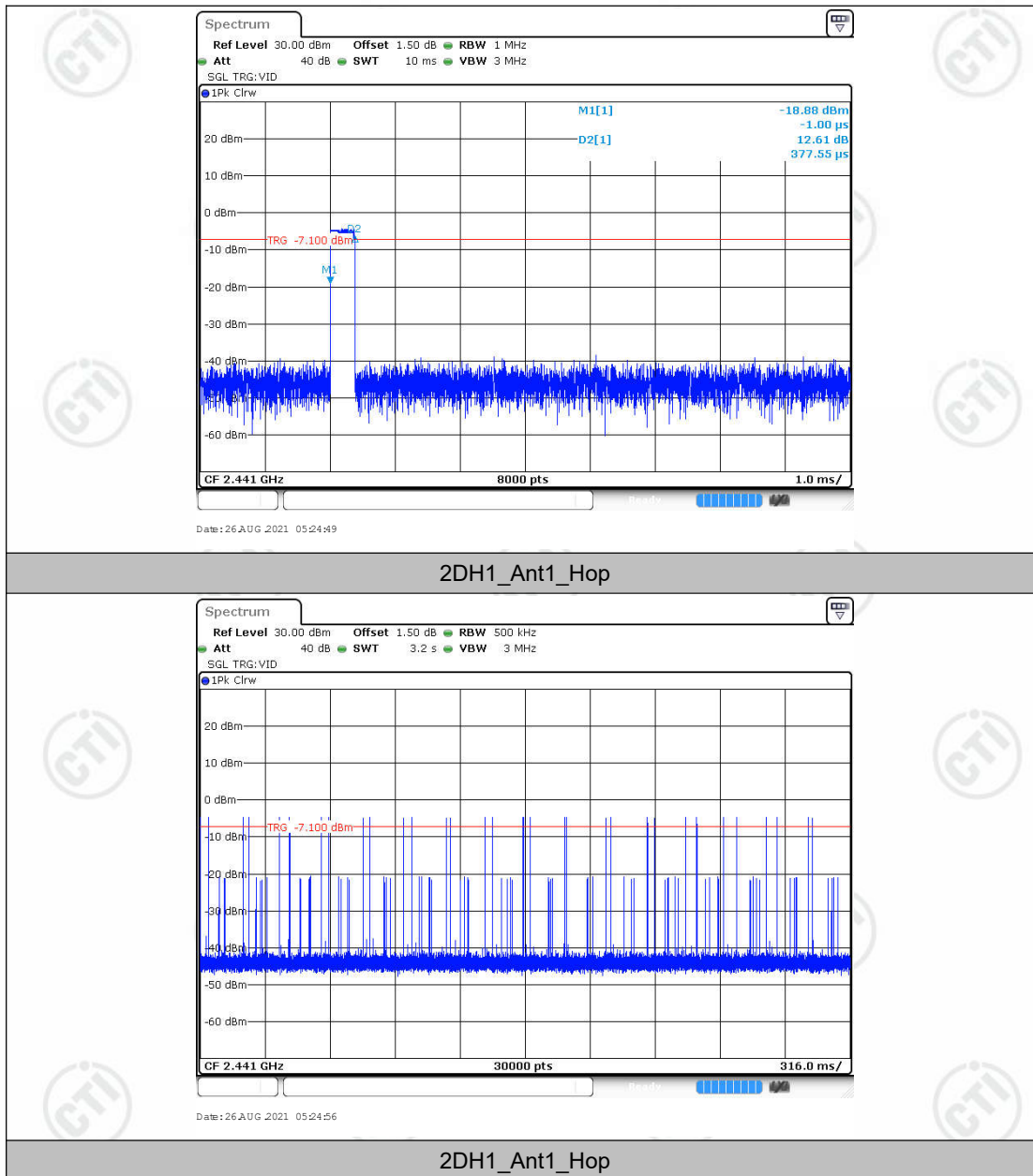
Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	320	0.118	<=0.4	PASS
DH3	Ant1	Hop	1.62	150	0.243	<=0.4	PASS
DH5	Ant1	Hop	2.86	130	0.372	<=0.4	PASS
2DH1	Ant1	Hop	0.38	320	0.122	<=0.4	PASS
2DH3	Ant1	Hop	1.62	150	0.243	<=0.4	PASS
2DH5	Ant1	Hop	2.86	130	0.372	<=0.4	PASS

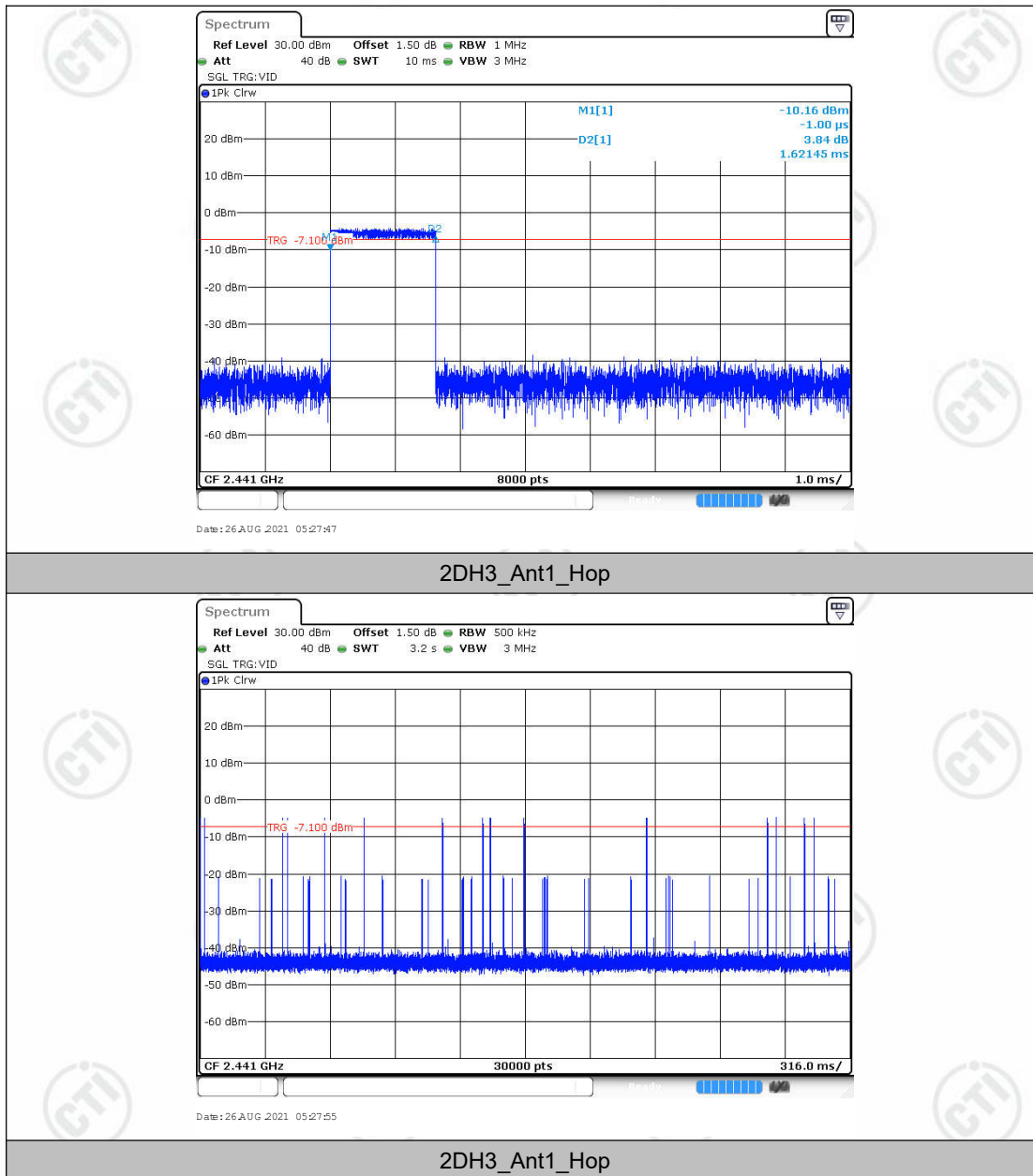
Test Graphs

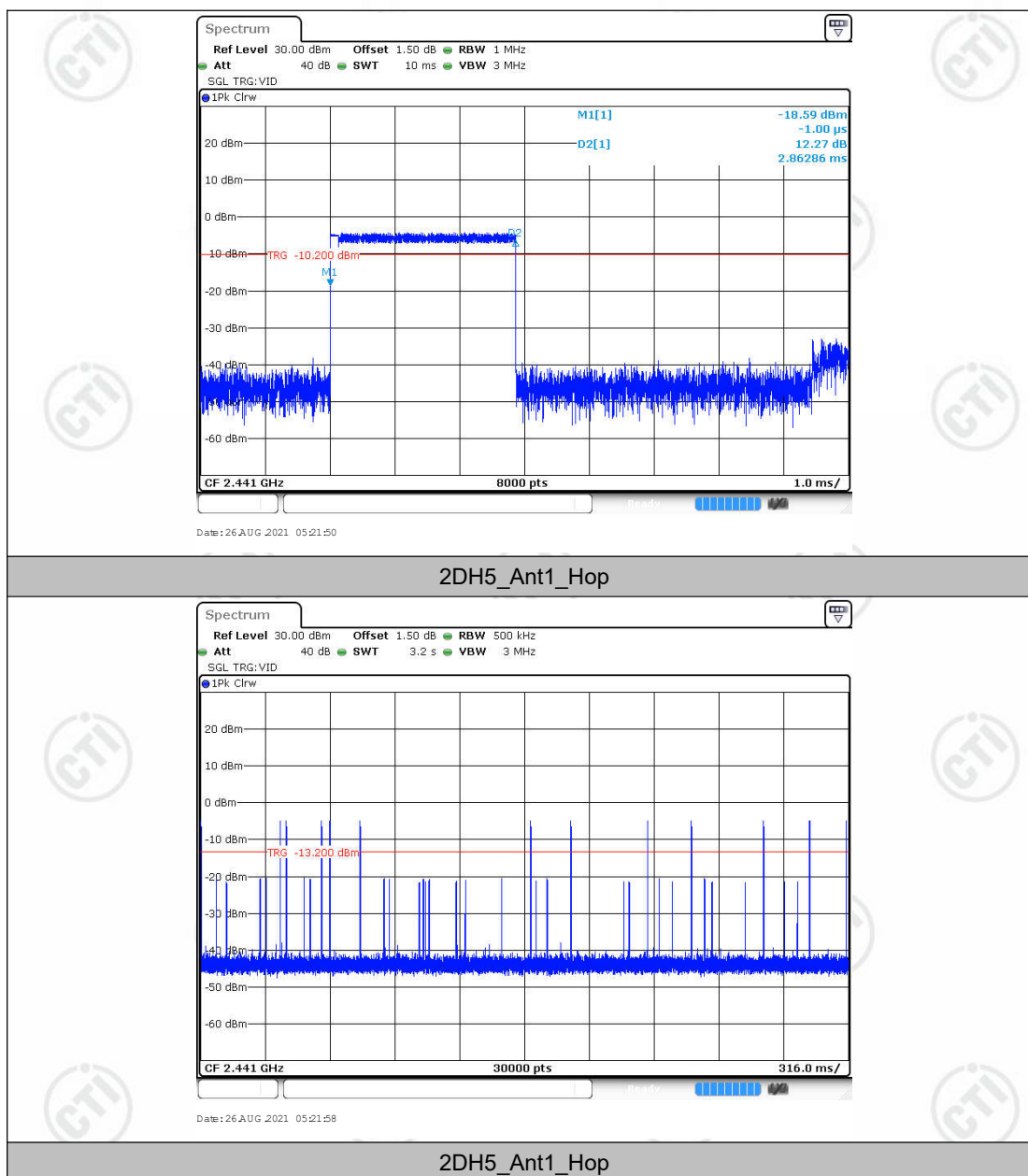










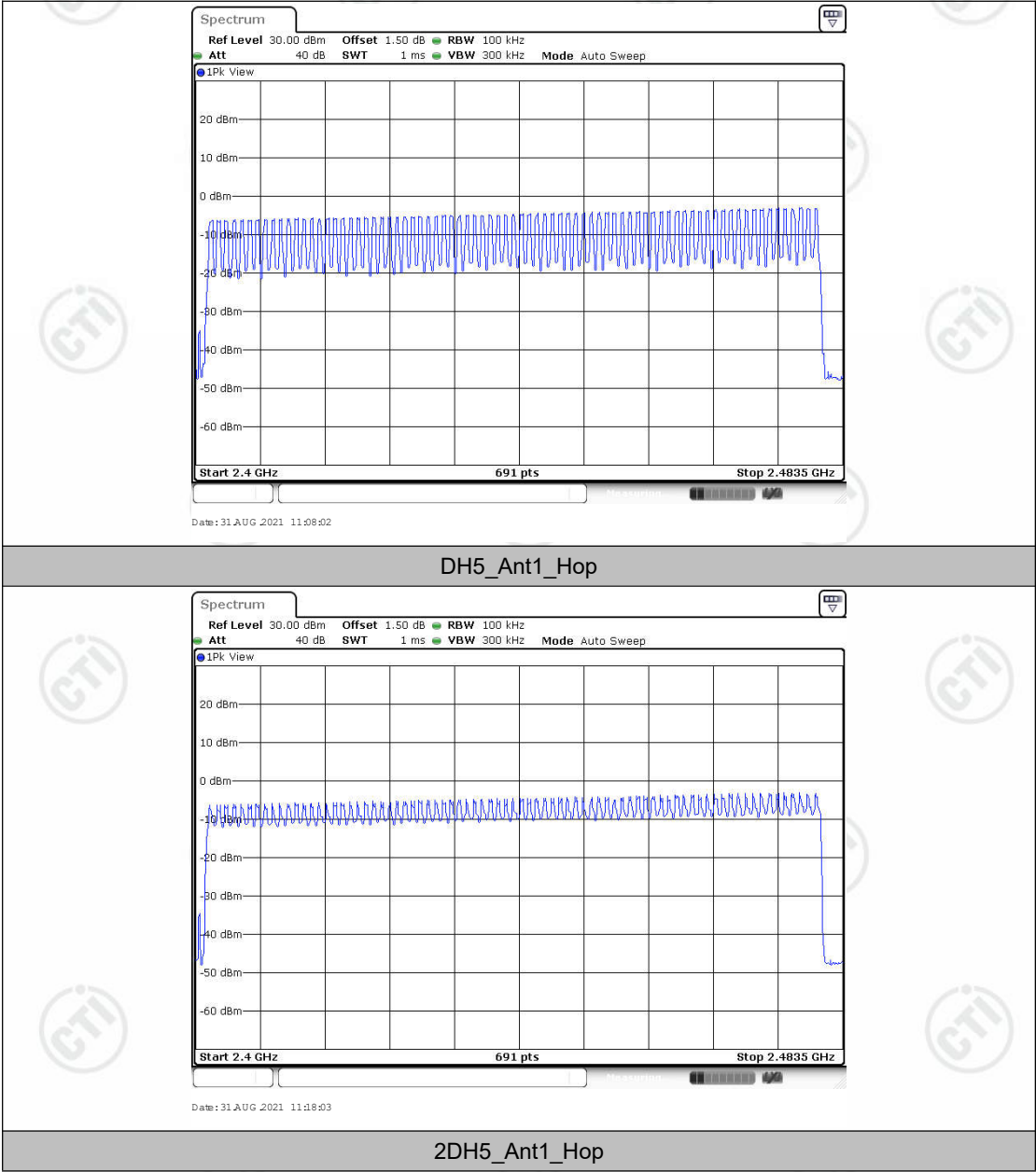


Appendix F: Number of hopping channels

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

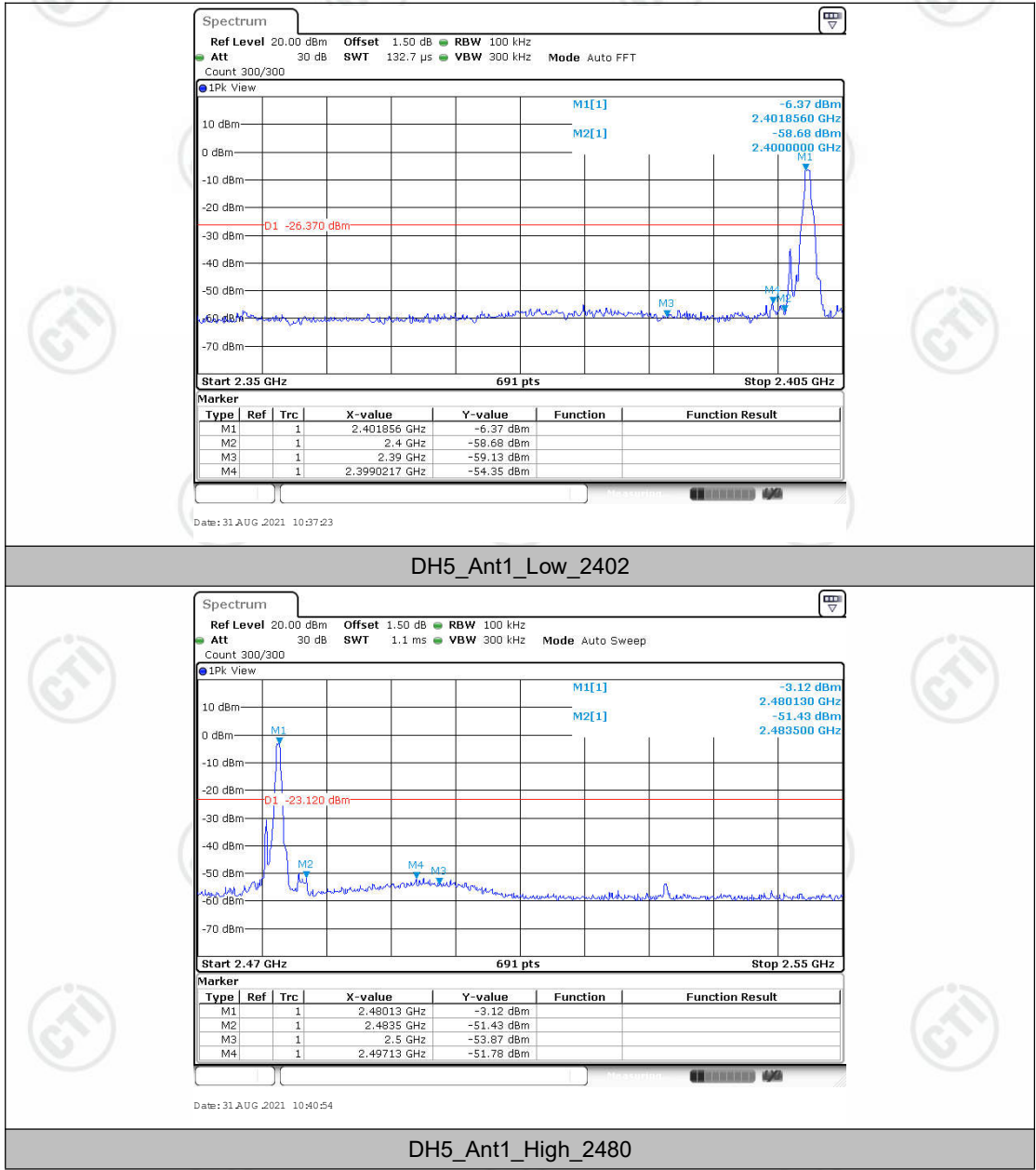


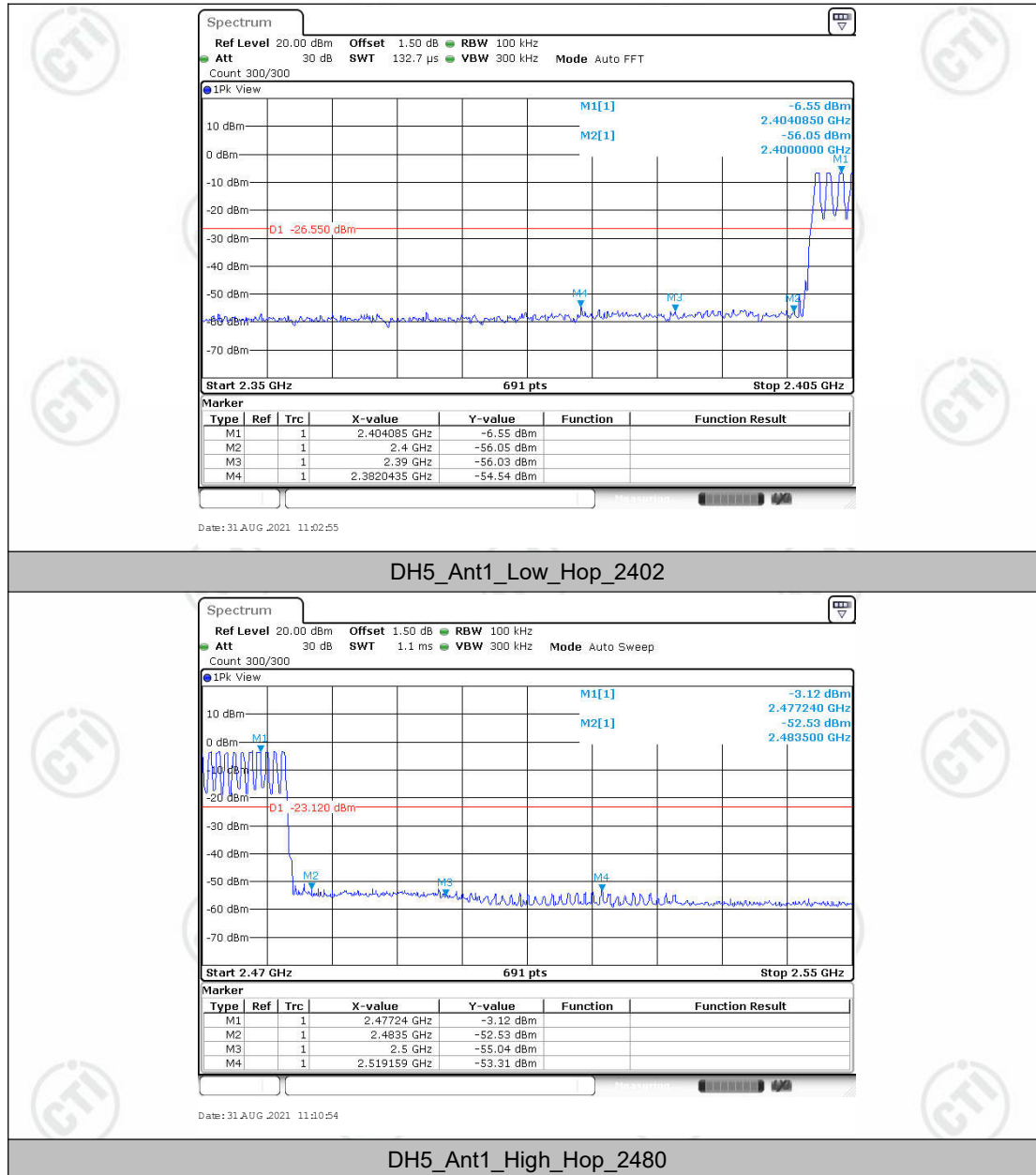
Appendix G: Band edge measurements

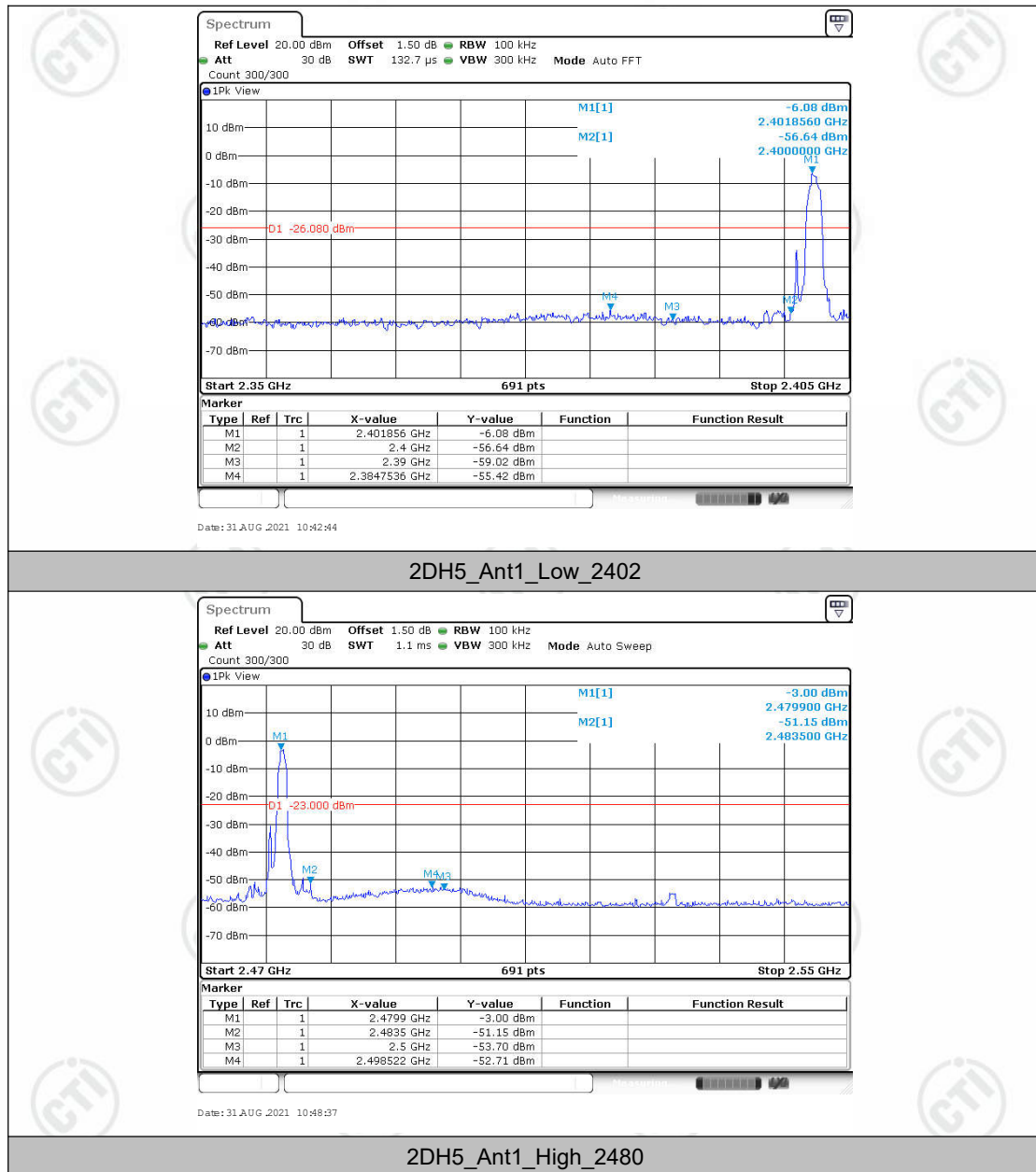
Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-6.37	-54.35	<=-26.37	PASS
		High	2480	-3.12	-51.78	<=-23.12	PASS
		Low	Hop_2402	-6.55	-54.54	<=-26.55	PASS
		High	Hop_2480	-3.12	-53.31	<=-23.12	PASS
2DH5	Ant1	Low	2402	-6.08	-55.42	<=-26.08	PASS
		High	2480	-3.00	-52.71	<=-23	PASS
		Low	Hop_2402	-5.99	-56	<=-25.99	PASS
		High	Hop_2480	-2.99	-52.77	<=-22.99	PASS
3DH5	Ant1	Low	2402	-5.89	-56.62	<=-25.89	PASS
		High	2480	-2.83	-52.73	<=-22.83	PASS
		Low	Hop_2402	-5.77	-55.56	<=-25.77	PASS
		High	Hop_2480	-2.87	-53.09	<=-22.87	PASS

Test Graphs







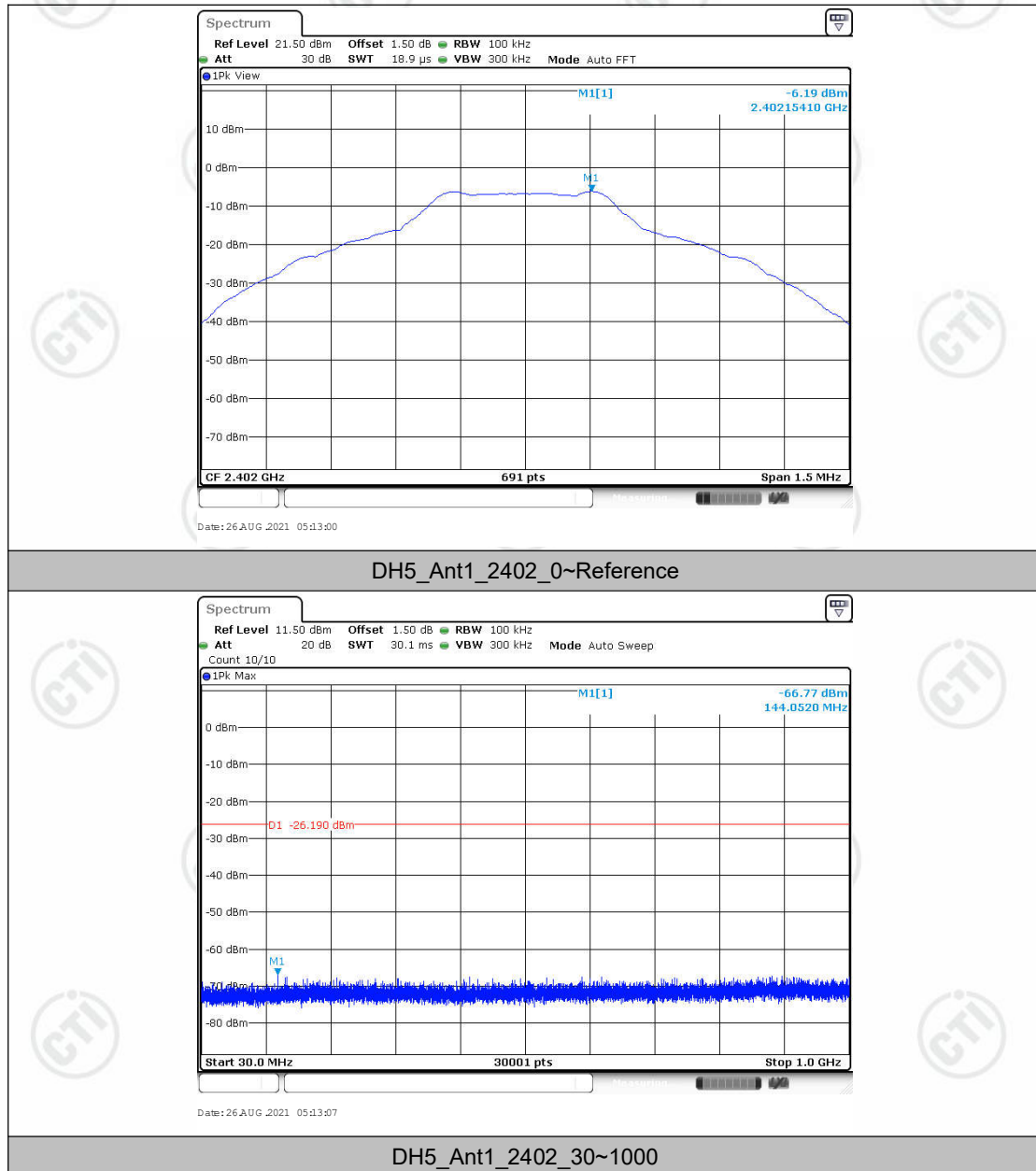


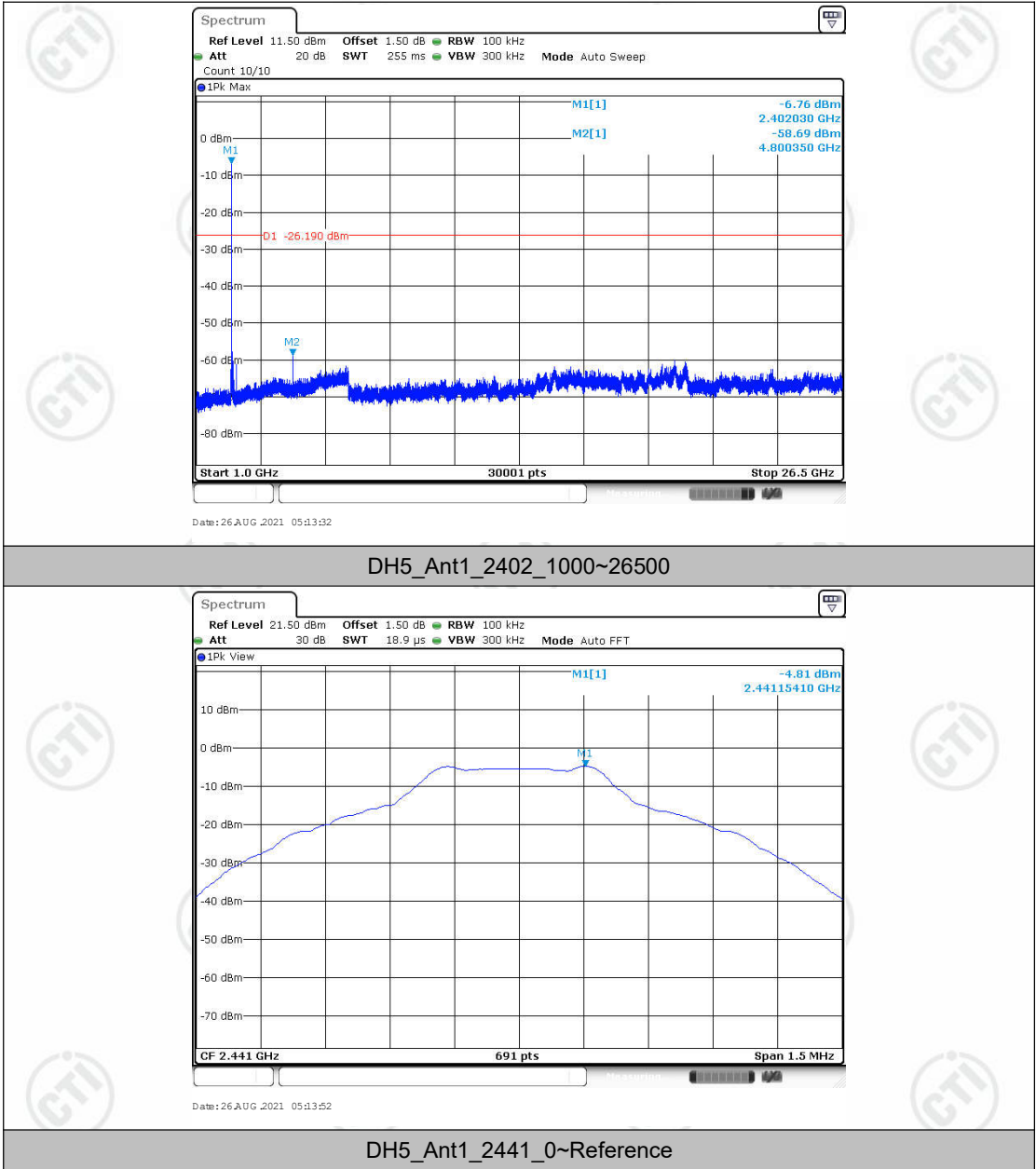
Appendix H: Conducted Spurious Emission

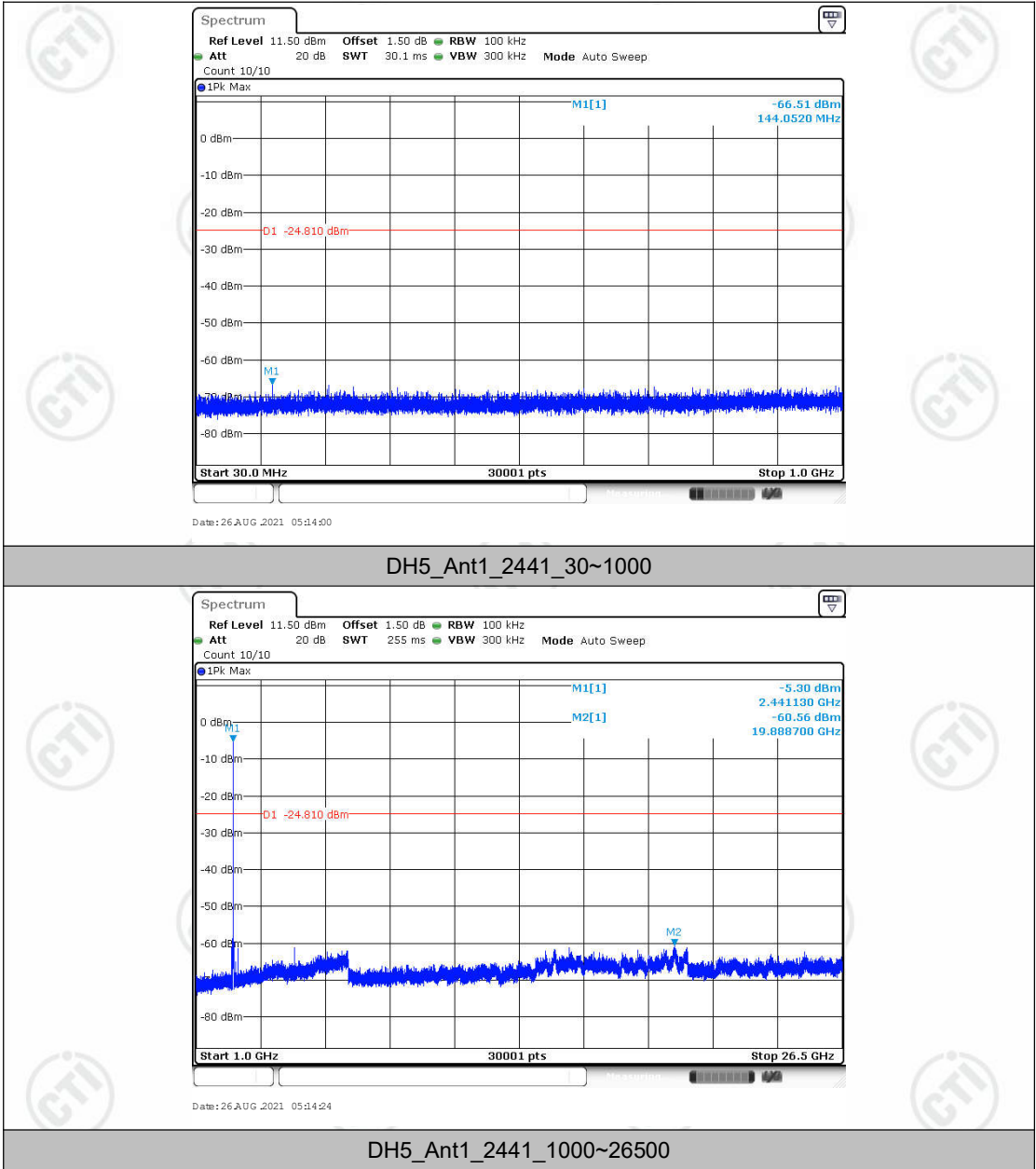
Test Result

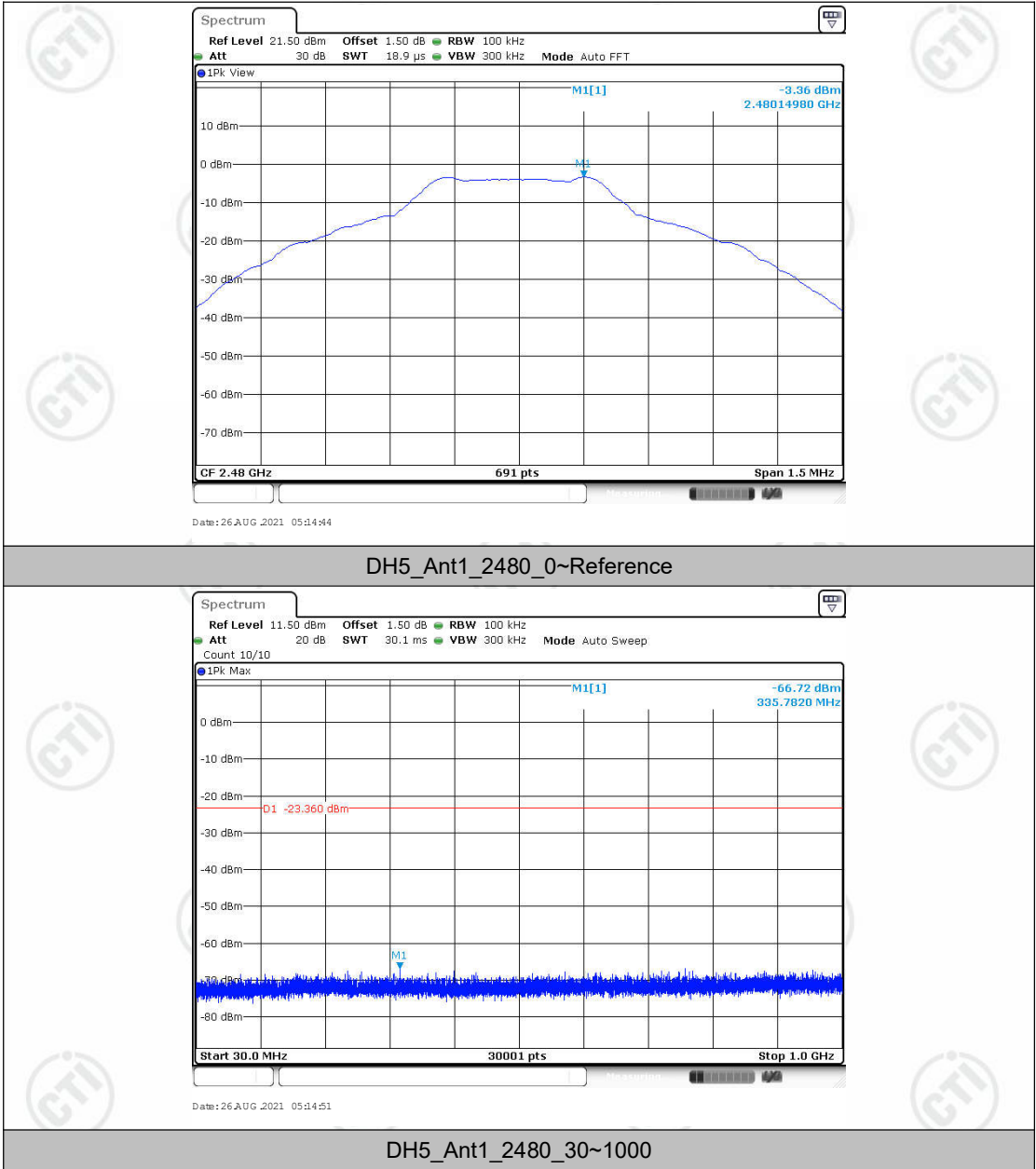
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-6.19	-6.19	---	PASS
			30~1000	-6.19	-66.77	<=-26.19	PASS
			1000~26500	-6.19	-58.69	<=-26.19	PASS
		2441	Reference	-4.81	-4.81	---	PASS
			30~1000	-4.81	-66.51	<=-24.81	PASS
			1000~26500	-4.81	-60.56	<=-24.81	PASS
		2480	Reference	-3.36	-3.36	---	PASS
			30~1000	-3.36	-66.72	<=-23.36	PASS
			1000~26500	-3.36	-60.25	<=-23.36	PASS
2DH5	Ant1	2402	Reference	-6.19	-6.19	---	PASS
			30~1000	-6.19	-66.56	<=-26.19	PASS
			1000~26500	-6.19	-59.75	<=-26.19	PASS
		2441	Reference	-4.76	-4.76	---	PASS
			30~1000	-4.76	-66.26	<=-24.76	PASS
			1000~26500	-4.76	-60.46	<=-24.76	PASS
		2480	Reference	-3.30	-3.30	---	PASS
			30~1000	-3.30	-66.26	<=-23.3	PASS
			1000~26500	-3.30	-60.34	<=-23.3	PASS
3DH5	Ant1	2402	Reference	-5.89	-5.89	---	PASS
			30~1000	-5.89	-65.68	<=-25.89	PASS
			1000~26500	-5.89	-59.29	<=-25.89	PASS
		2441	Reference	-4.35	-4.35	---	PASS
			30~1000	-4.35	-56.03	<=-24.35	PASS
			1000~26500	-4.35	-59.87	<=-24.35	PASS
		2480	Reference	-2.84	-2.84	---	PASS
			30~1000	-2.84	-57.96	<=-22.84	PASS
			1000~26500	-2.84	-61.03	<=-22.84	PASS

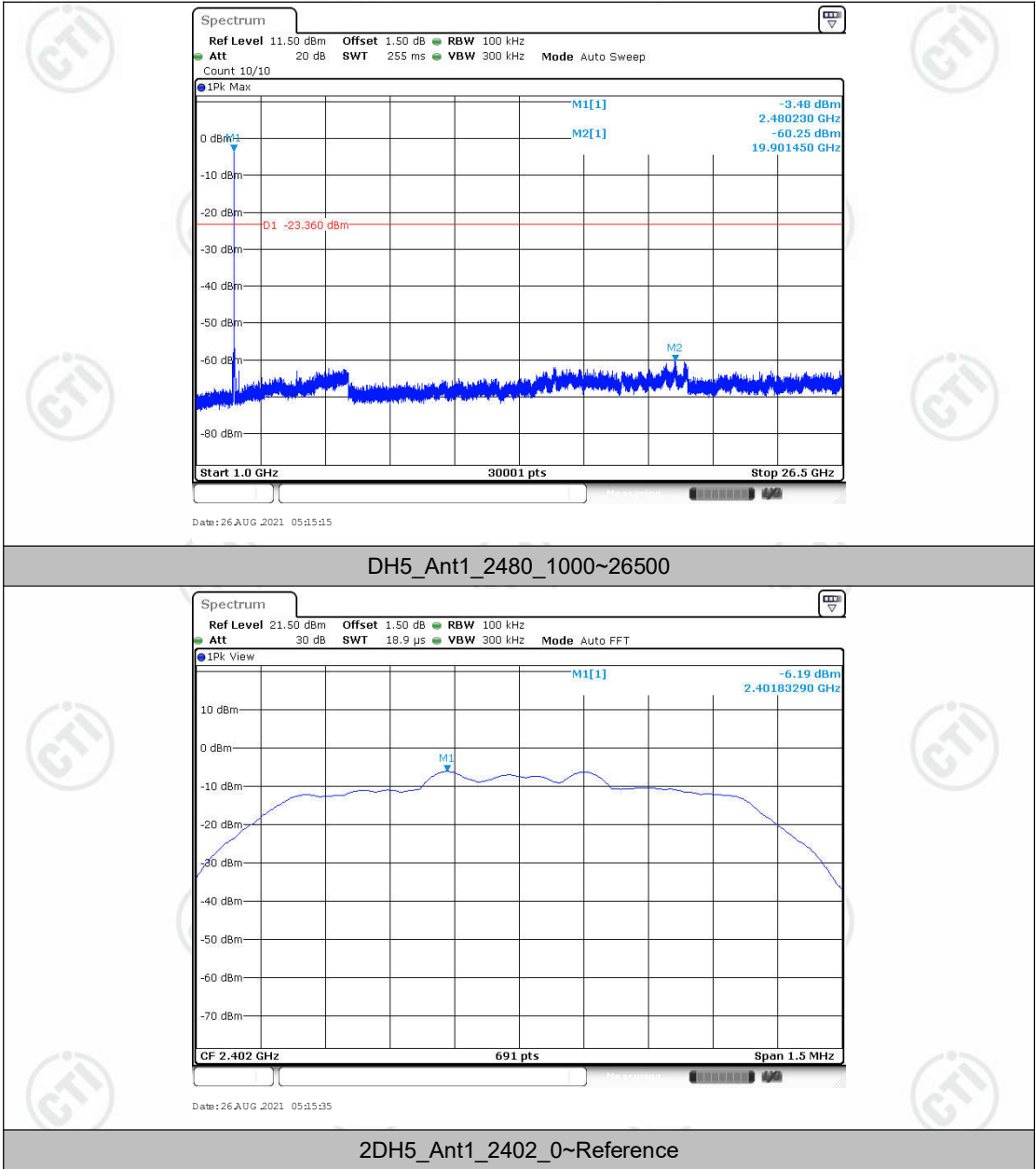
Test Graphs

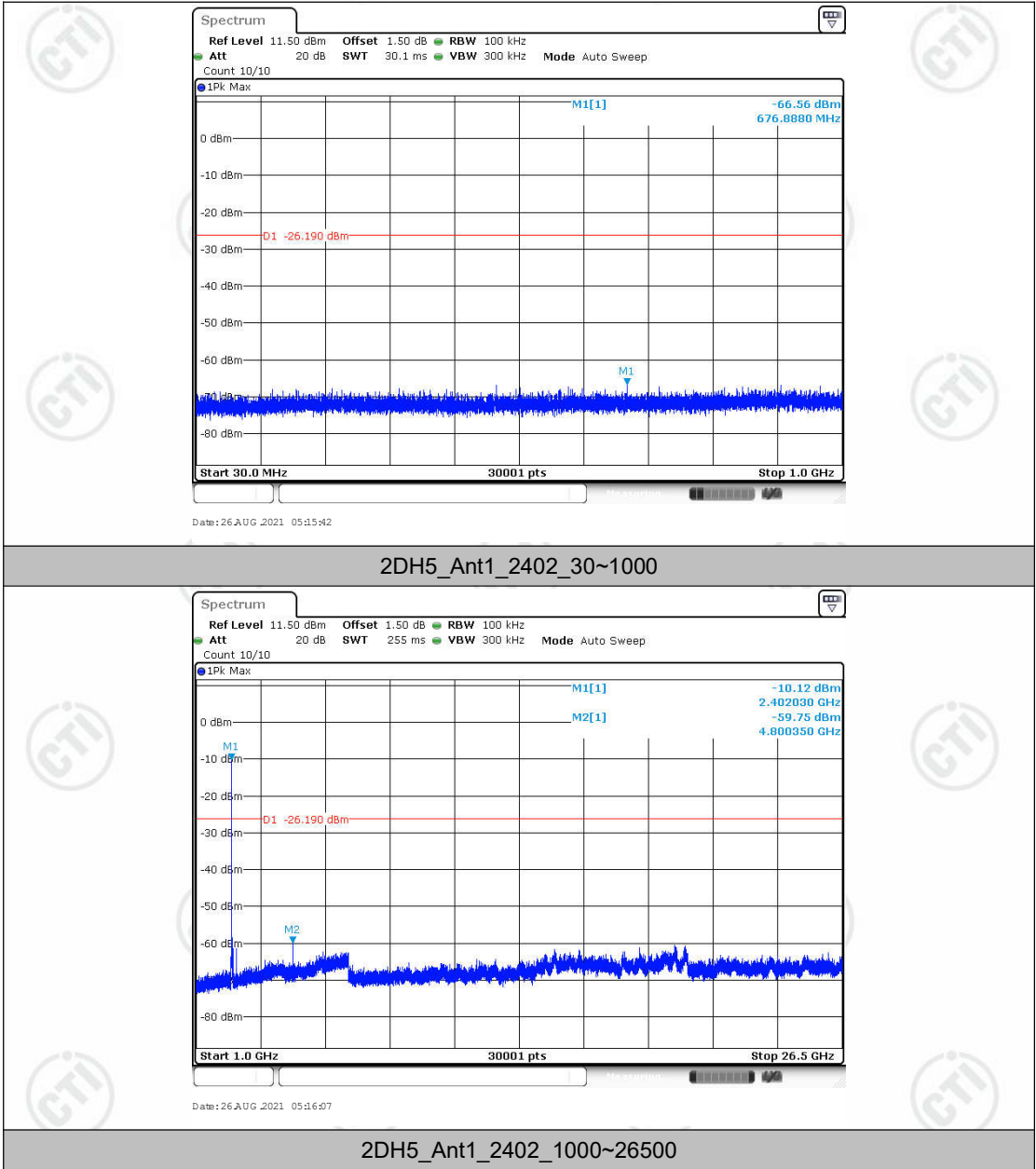


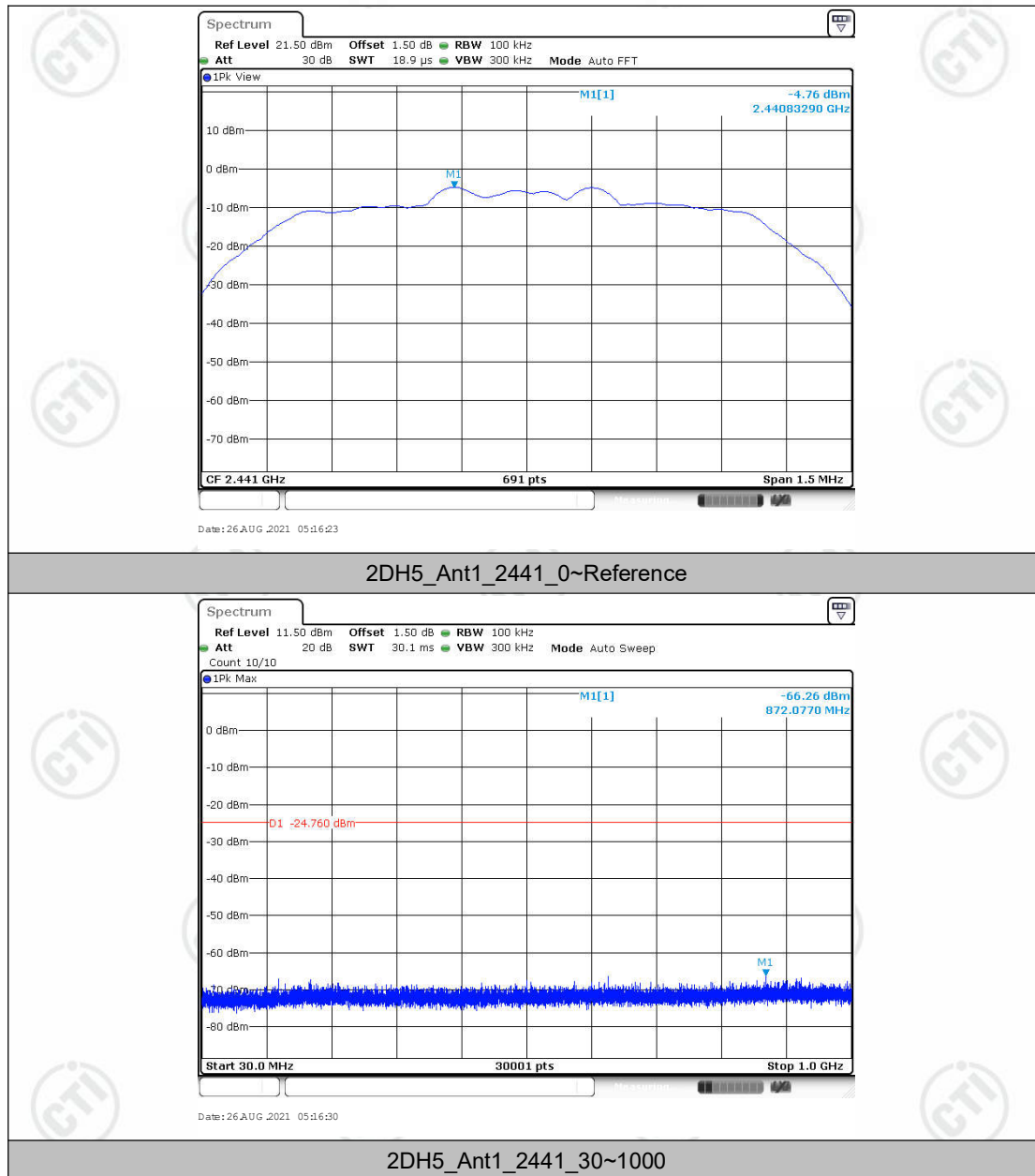


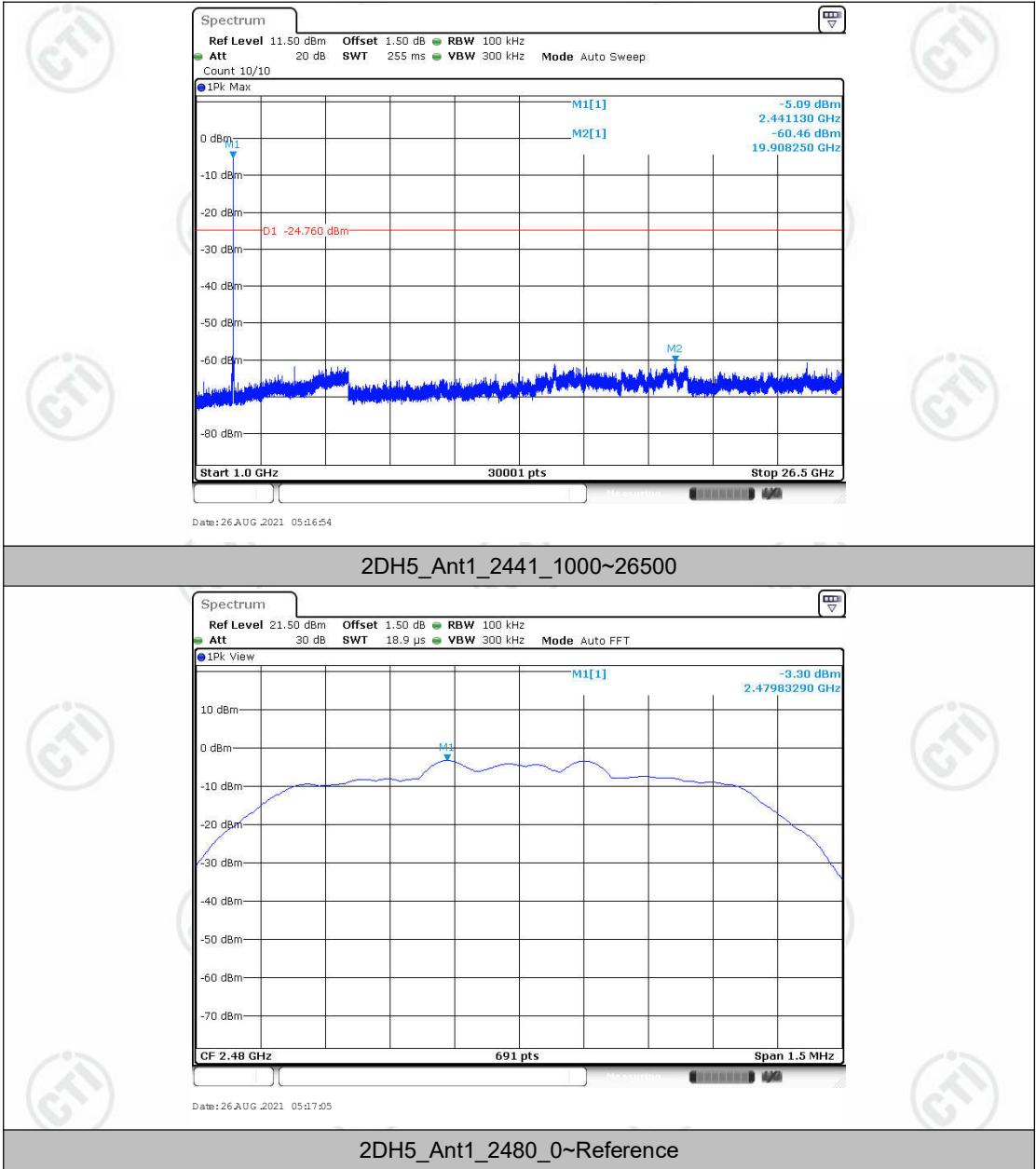


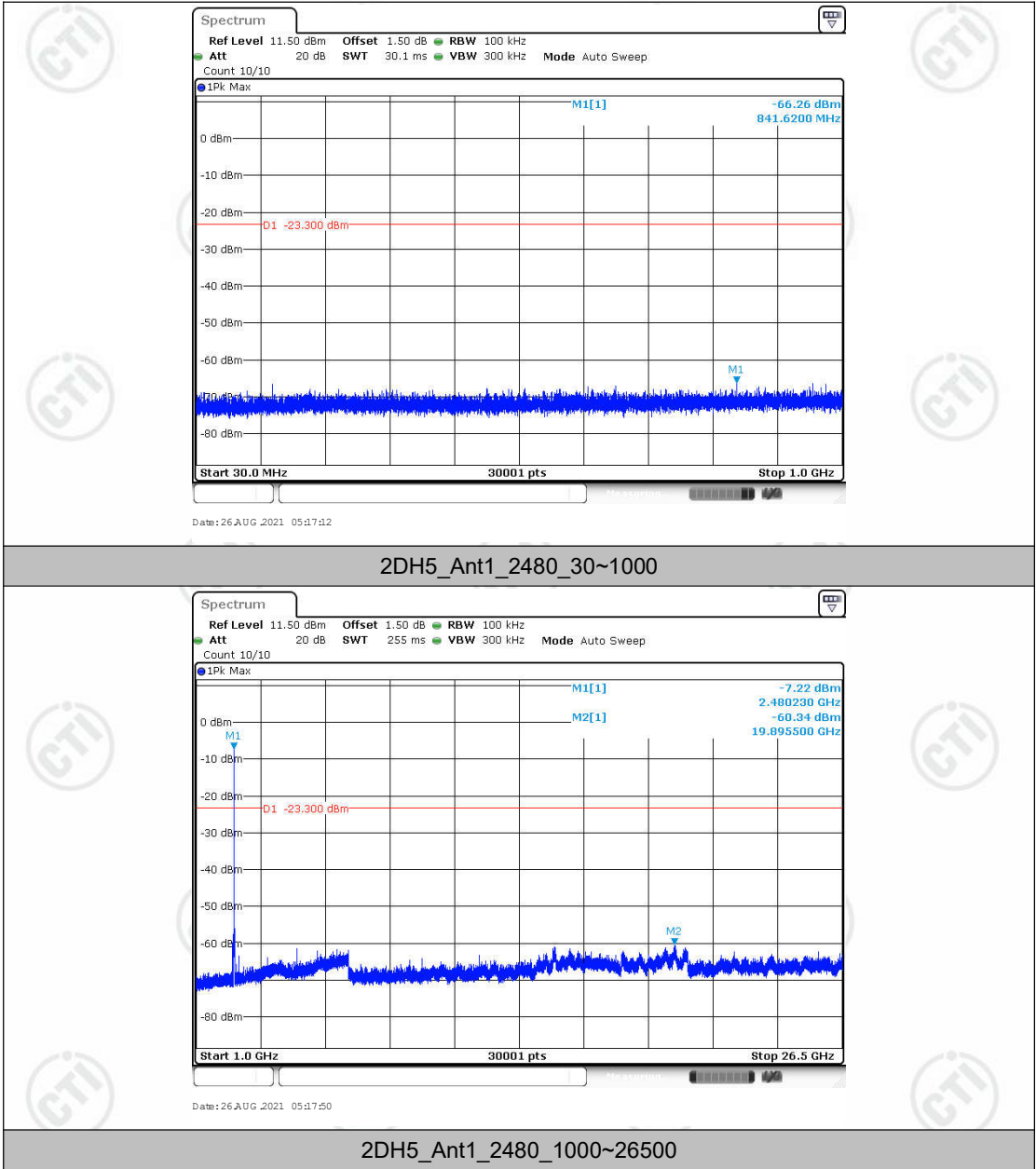










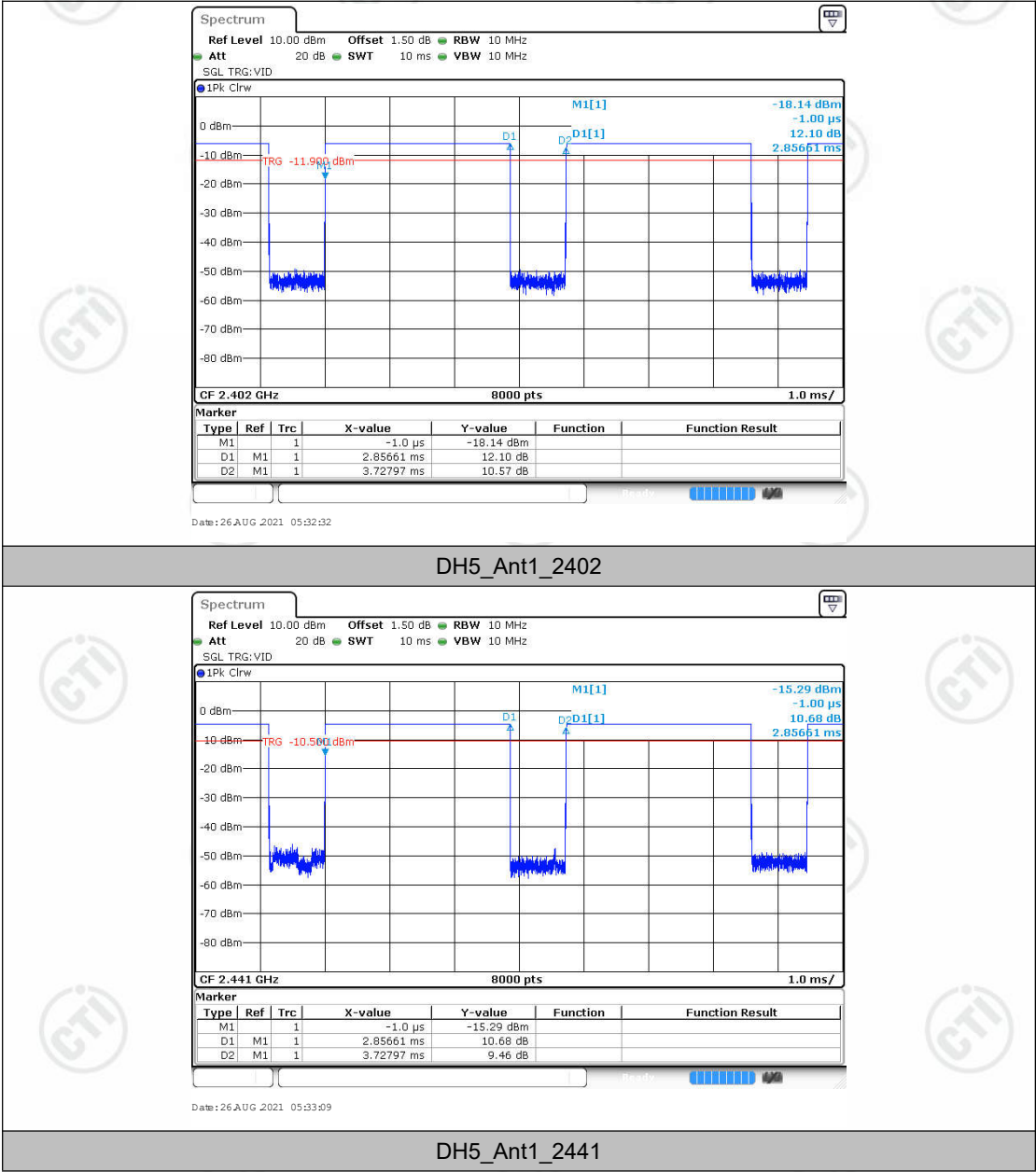


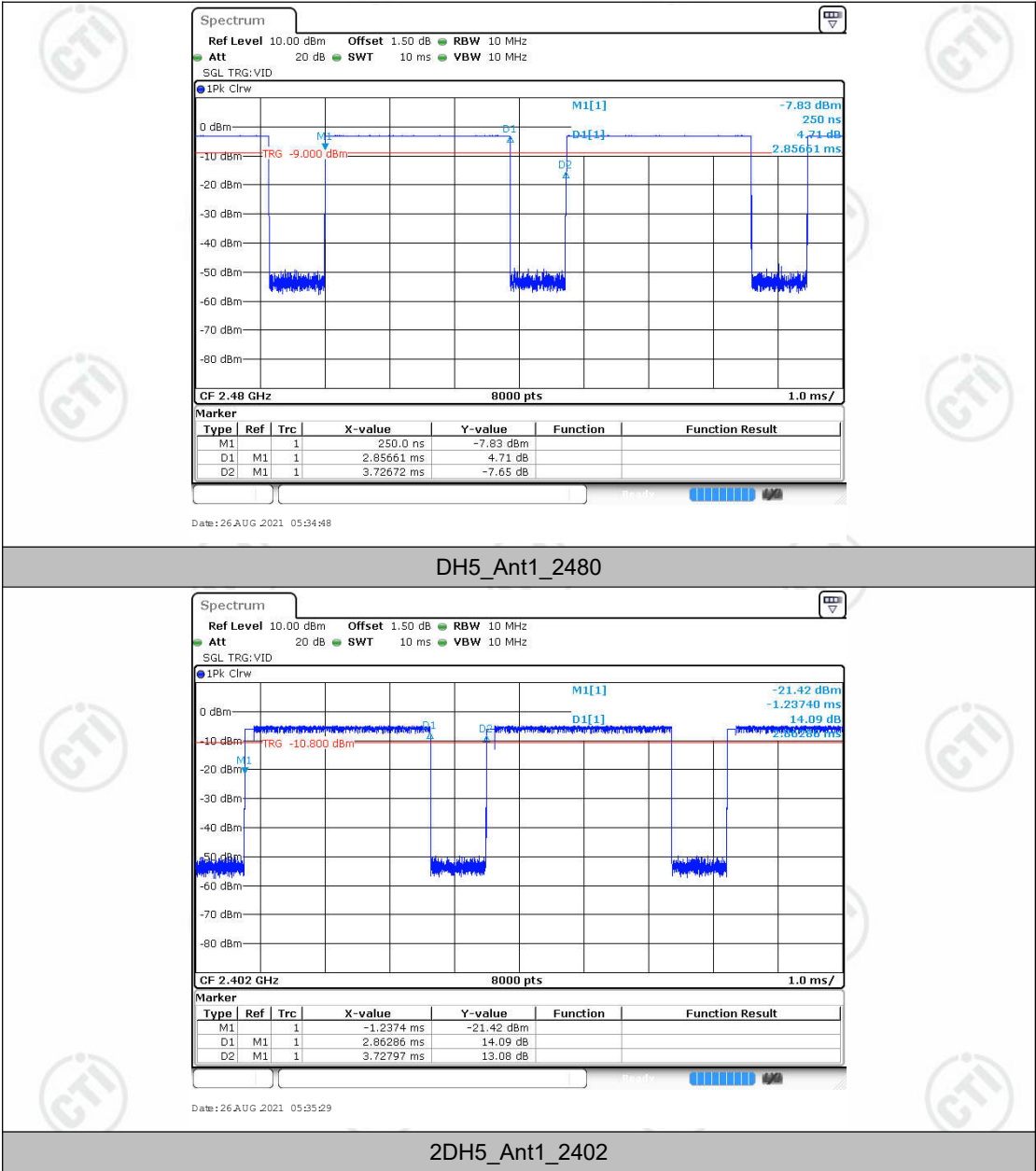
Appendix I: Duty Cycle

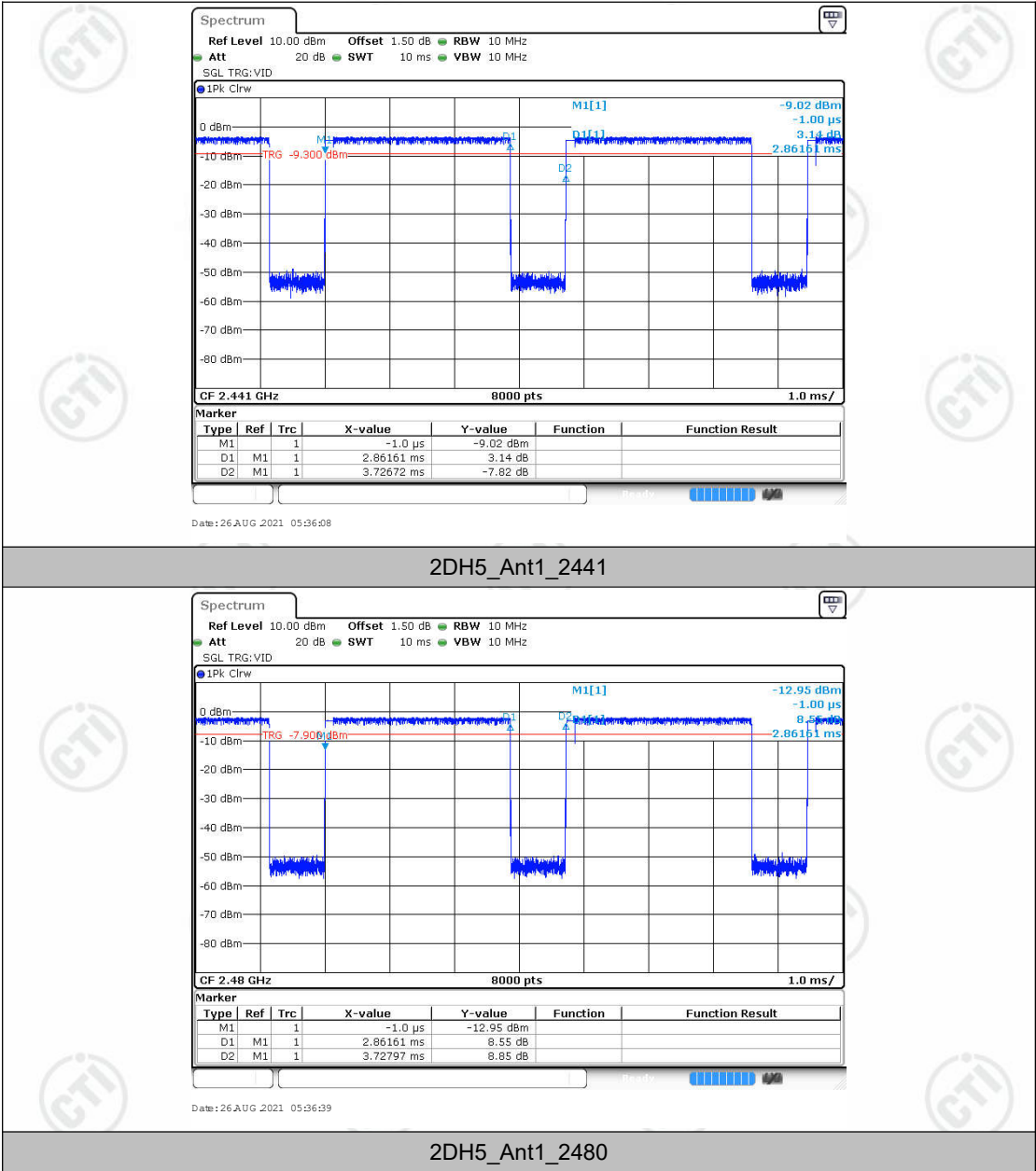
Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.86	3.73	76.68	---	PASS
		2441	2.86	3.73	76.68	---	PASS
		2480	2.86	3.73	76.68	---	PASS
2DH5	Ant1	2402	2.86	3.73	76.68	---	PASS
		2441	2.86	3.73	76.68	---	PASS
		2480	2.86	3.73	76.68	---	PASS

Test Graphs







*** End of Report ***