

Appendix: Bluetooth Classic

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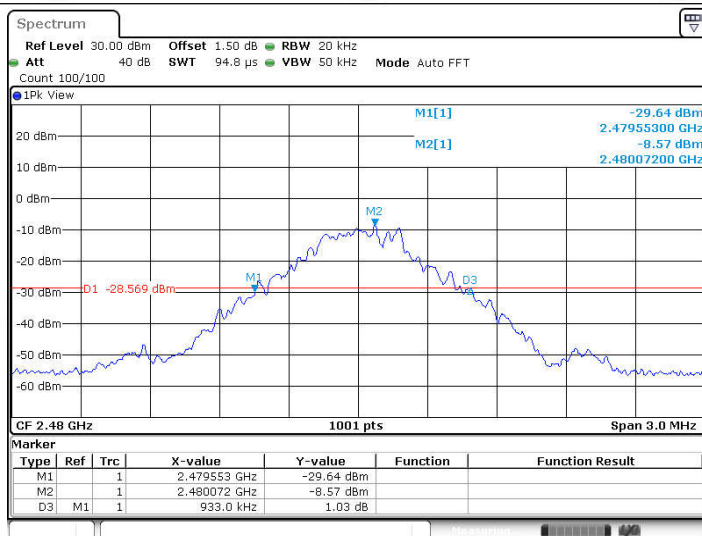
Appendix A: 20dB Emission Bandwidth

Test Result

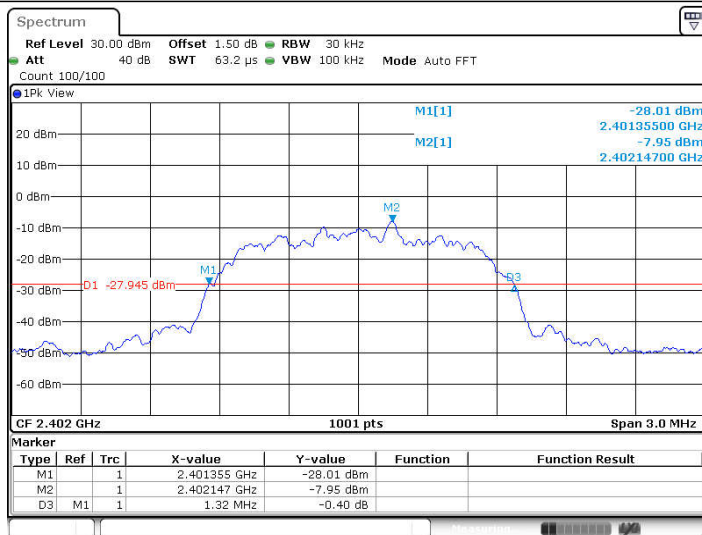
Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.544	2402.495	---	PASS
		2441	0.951	2440.547	2441.498	---	PASS
		2480	0.933	2479.553	2480.486	---	PASS
2DH5	Ant1	2402	1.320	2401.355	2402.675	---	PASS
		2441	1.323	2440.352	2441.675	---	PASS
		2480	1.323	2479.352	2480.675	---	PASS
3DH5	Ant1	2402	1.293	2401.367	2402.660	---	PASS
		2441	1.299	2440.364	2441.663	---	PASS
		2480	1.308	2479.361	2480.669	---	PASS

Test Graphs

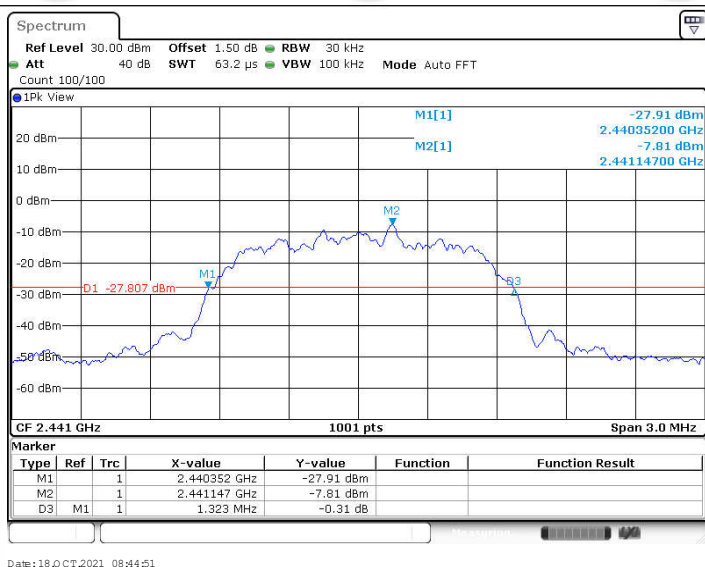




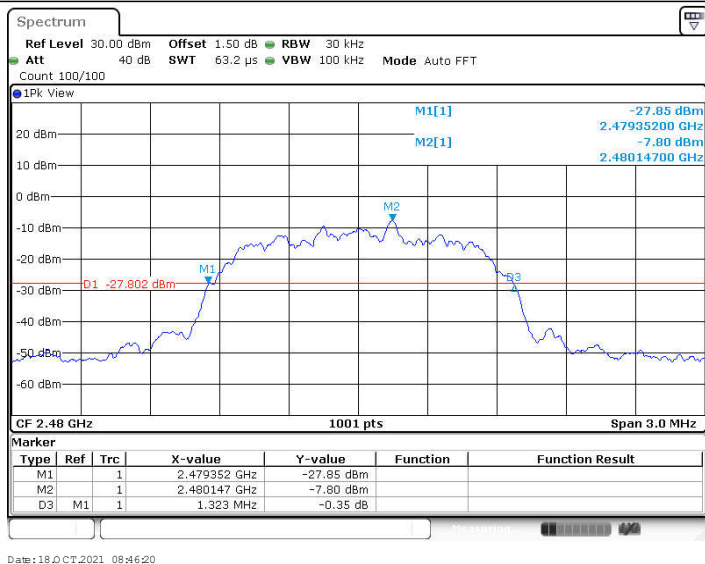
DH5_Ant1_2480



2DH5_Ant1_2402

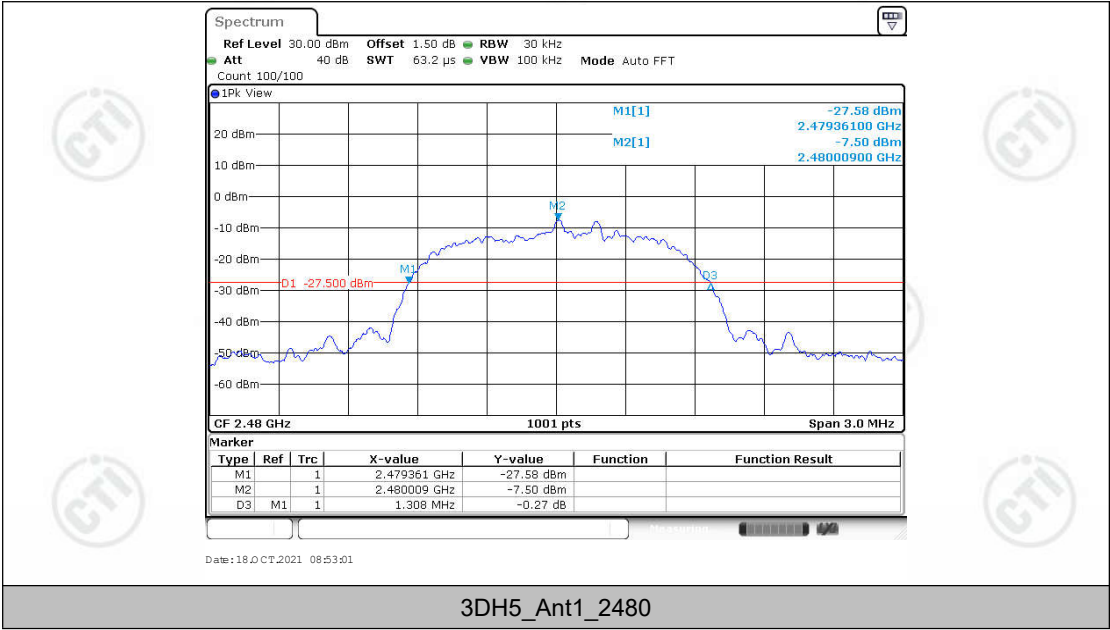


2DH5_Ant1_2441



2DH5_Ant1_2480



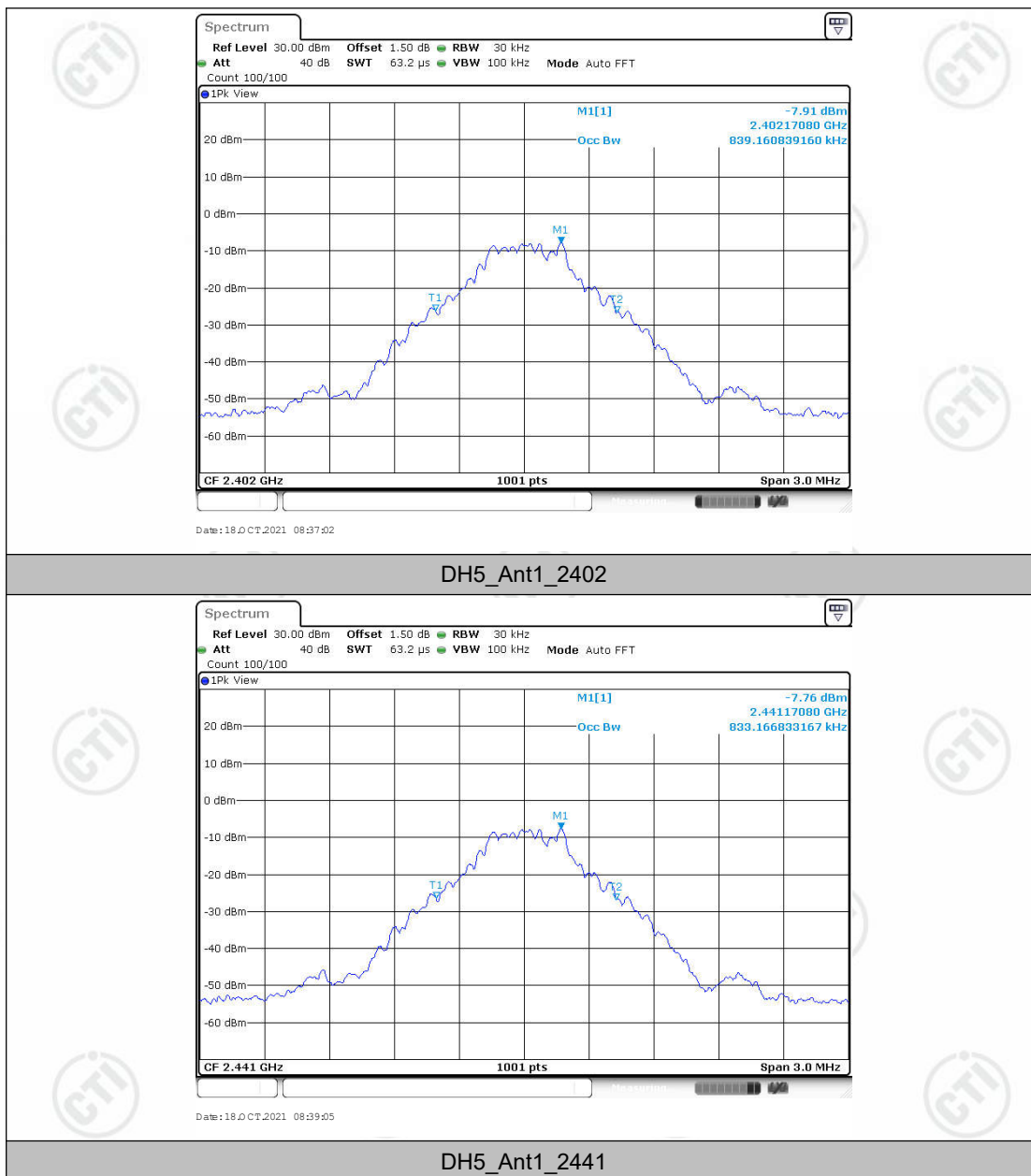


Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.839	2401.589	2402.429	---	PASS
		2441	0.833	2440.592	2441.426	---	PASS
		2480	0.833	2479.592	2480.426	---	PASS
2DH5	Ant1	2402	1.175	2401.425	2402.599	---	PASS
		2441	1.175	2440.425	2441.599	---	PASS
		2480	1.175	2479.425	2480.599	---	PASS
3DH5	Ant1	2402	1.172	2401.425	2402.596	---	PASS
		2441	1.175	2440.422	2441.596	---	PASS
		2480	1.175	2479.422	2480.596	---	PASS

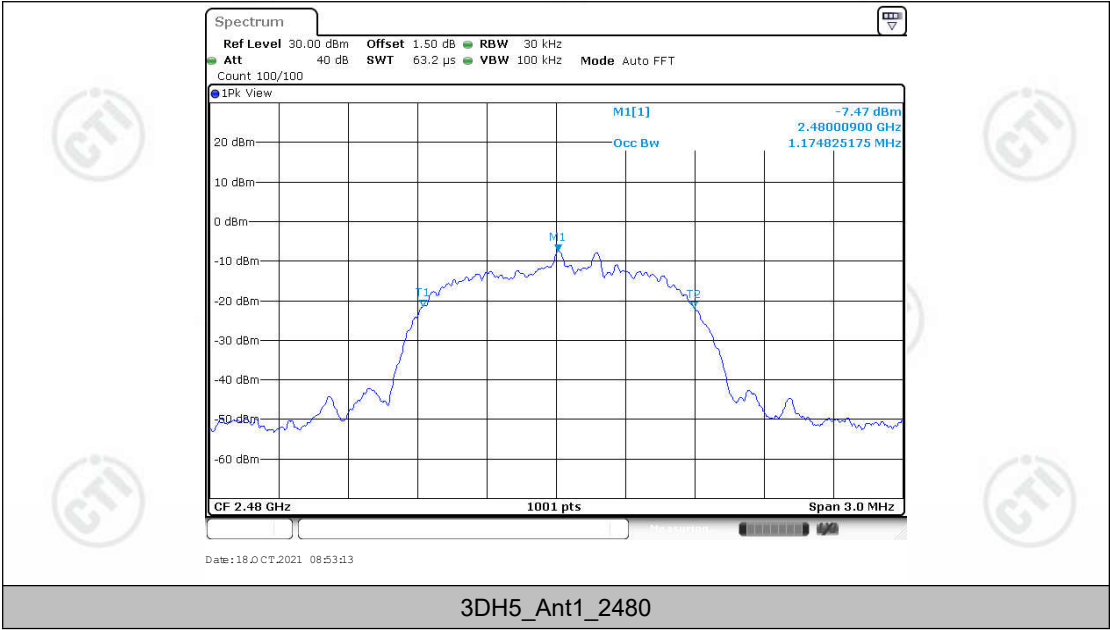
Test Graphs









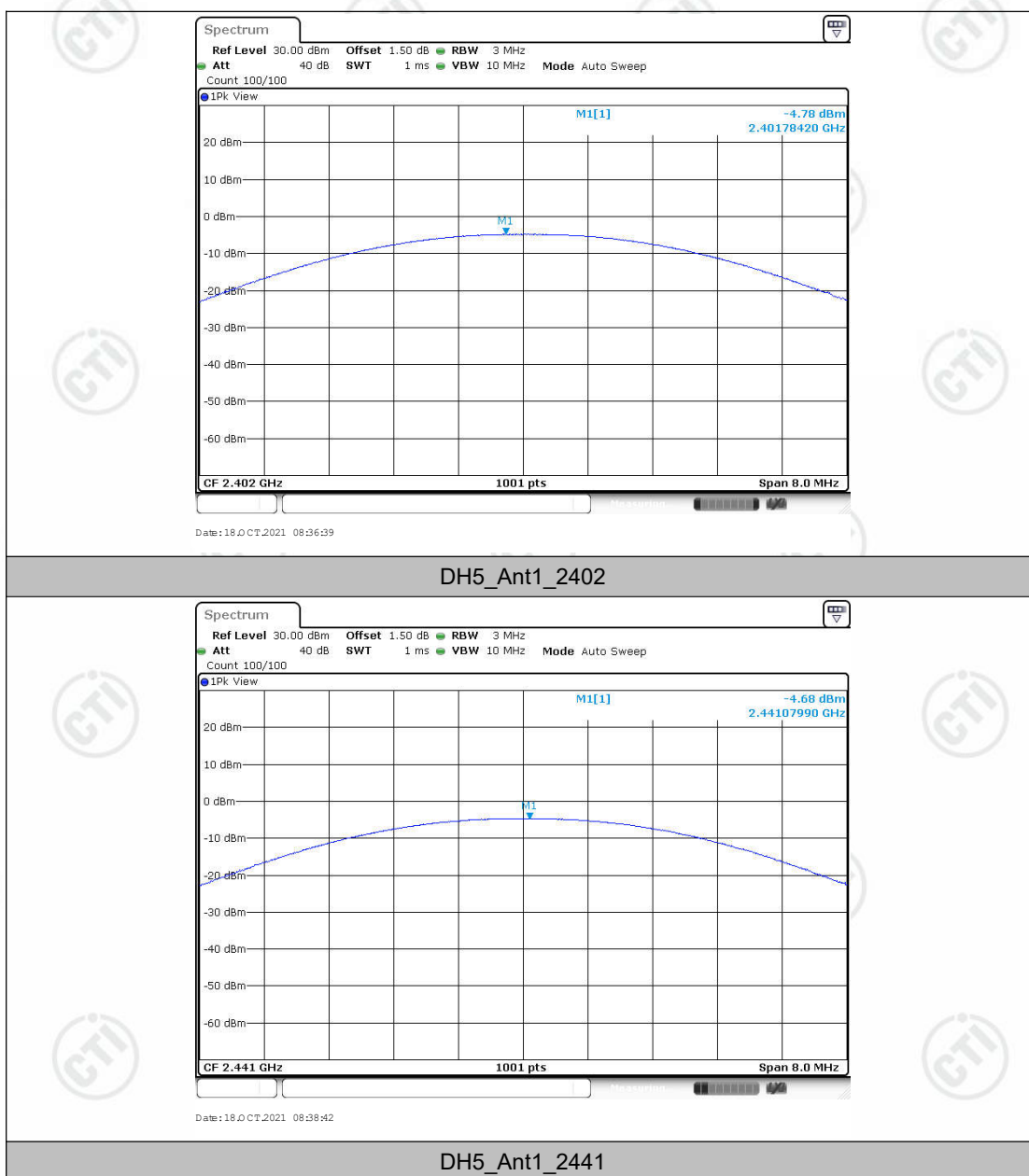


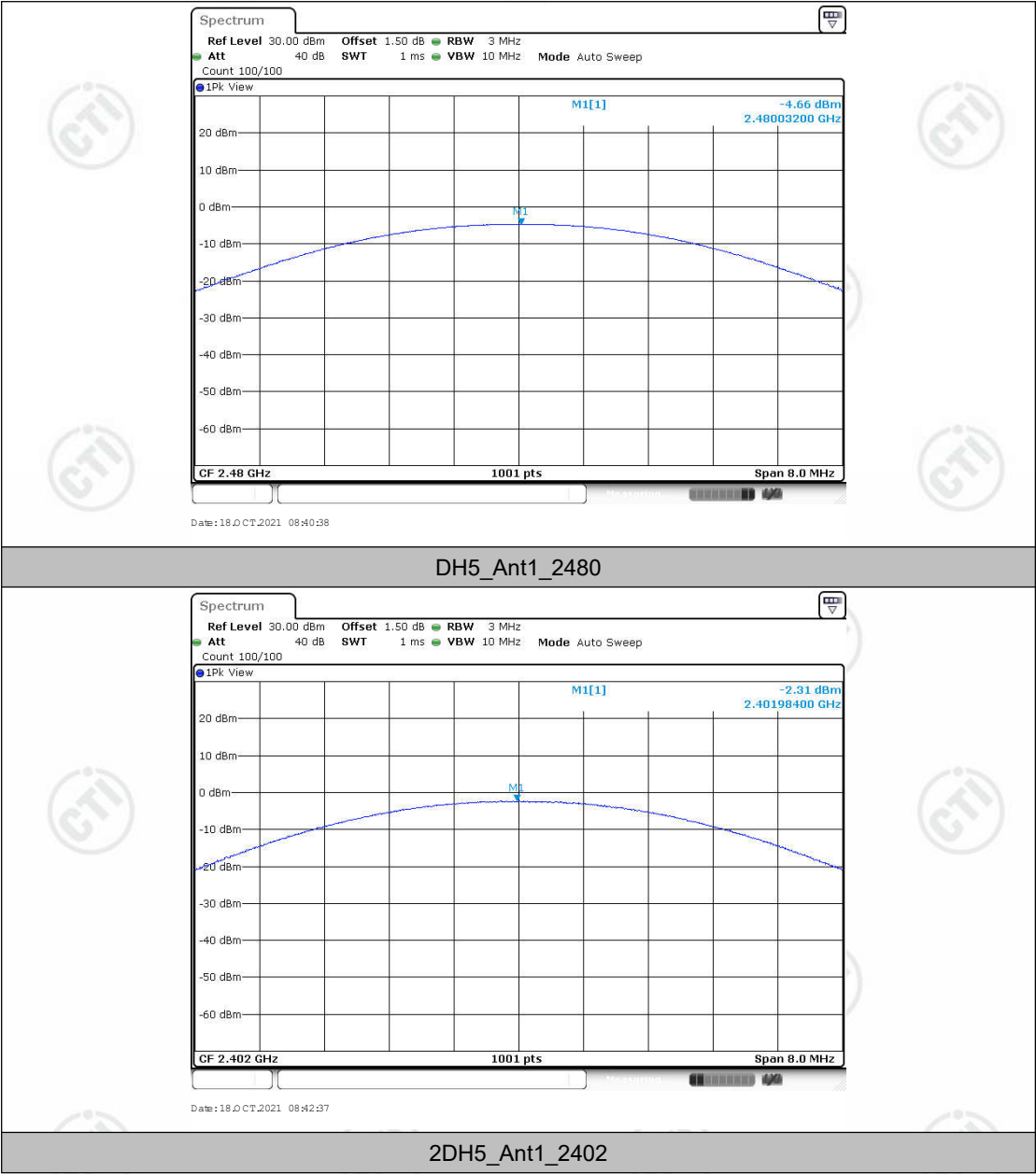
Appendix C: Maximum conducted output power

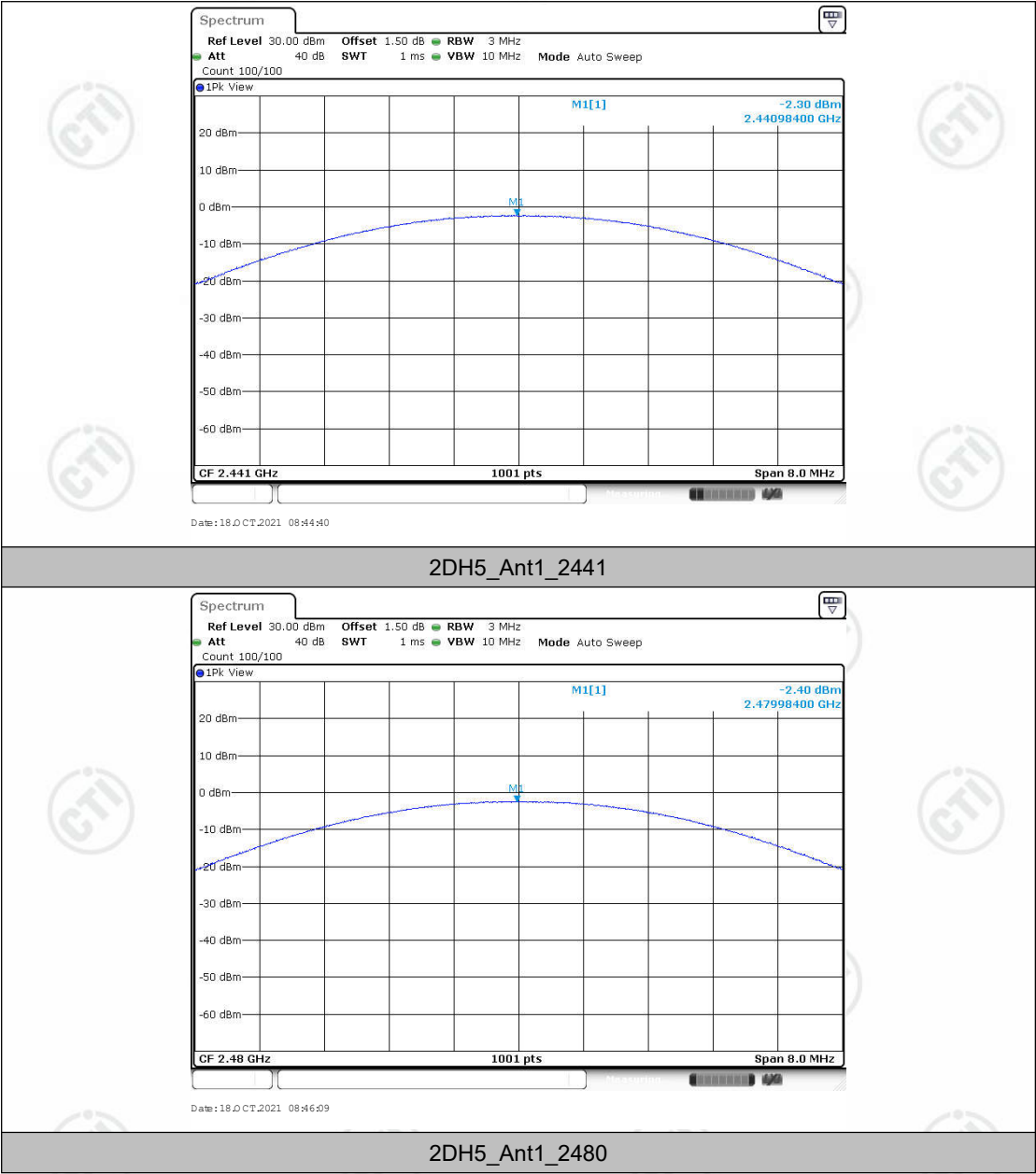
Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-4.78	<=30	PASS
		2441	-4.68	<=20.97	PASS
		2480	-4.66	<=20.97	PASS
2DH5	Ant1	2402	-2.31	<=30	PASS
		2441	-2.3	<=20.97	PASS
		2480	-2.4	<=20.97	PASS
3DH5	Ant1	2402	-1.73	<=30	PASS
		2441	-1.69	<=20.97	PASS
		2480	-1.78	<=20.97	PASS

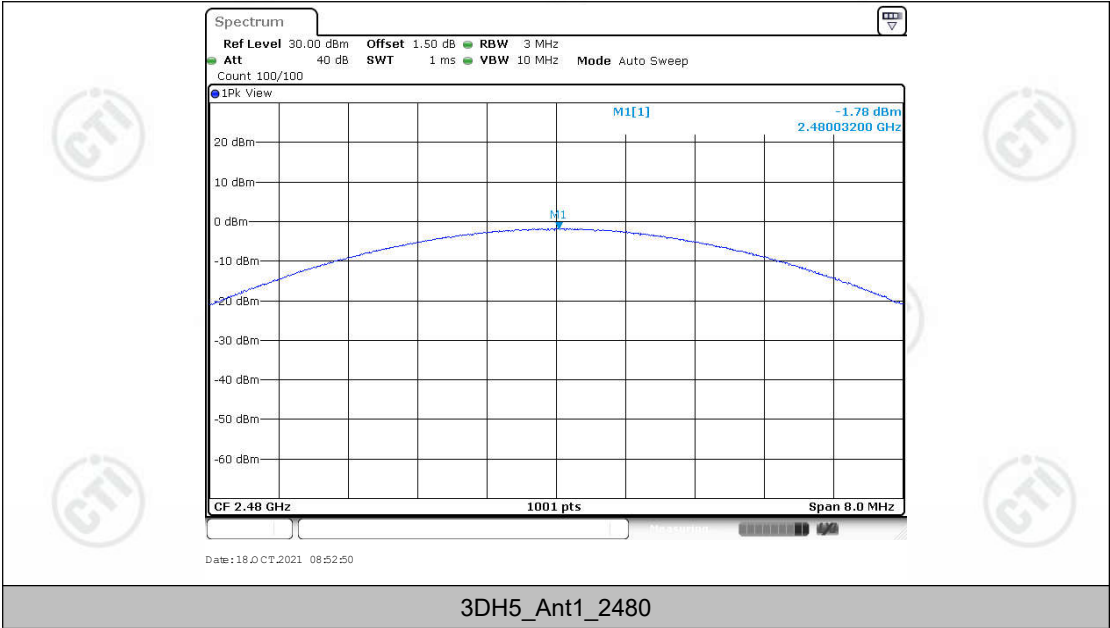
Test Graphs









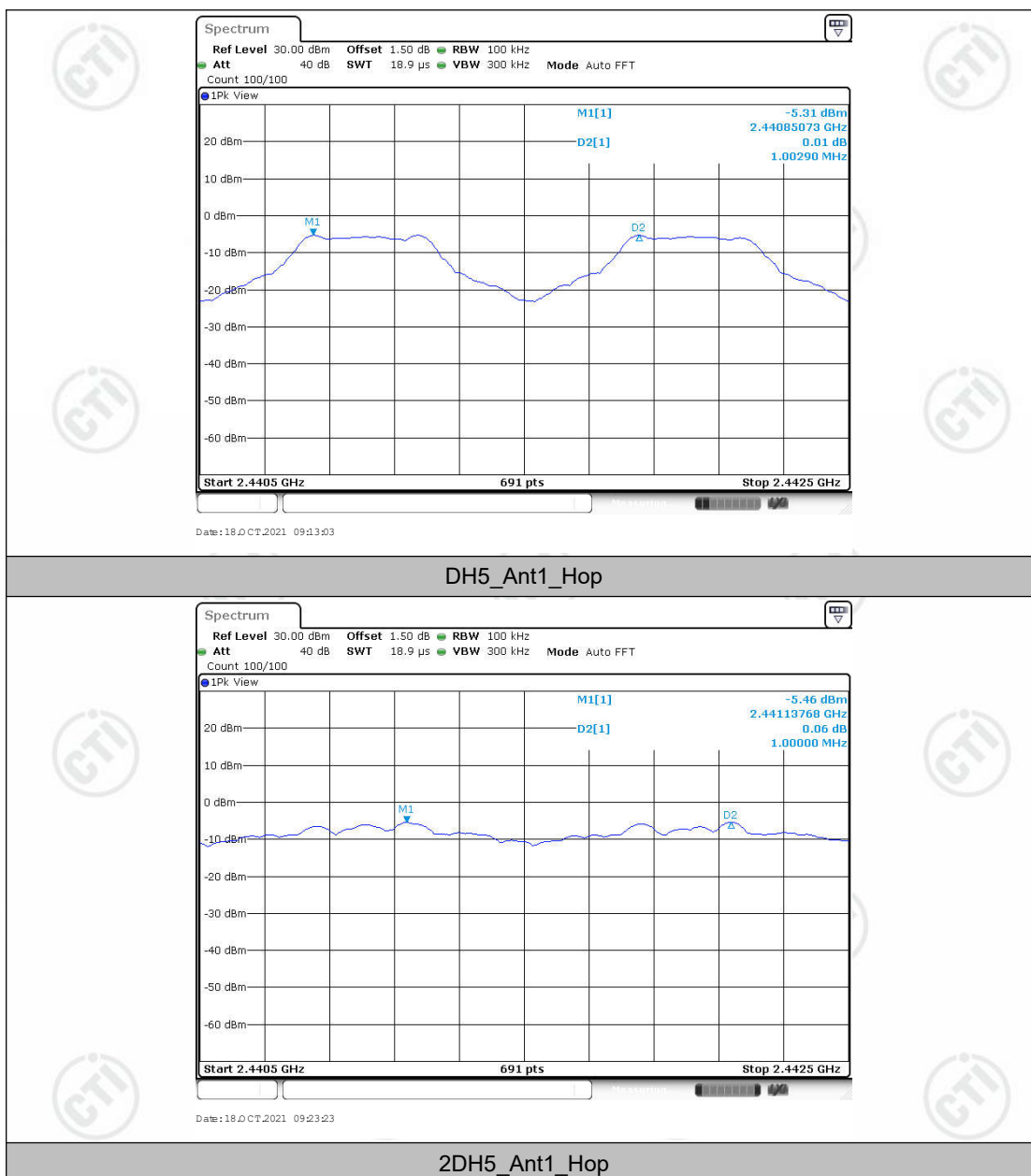


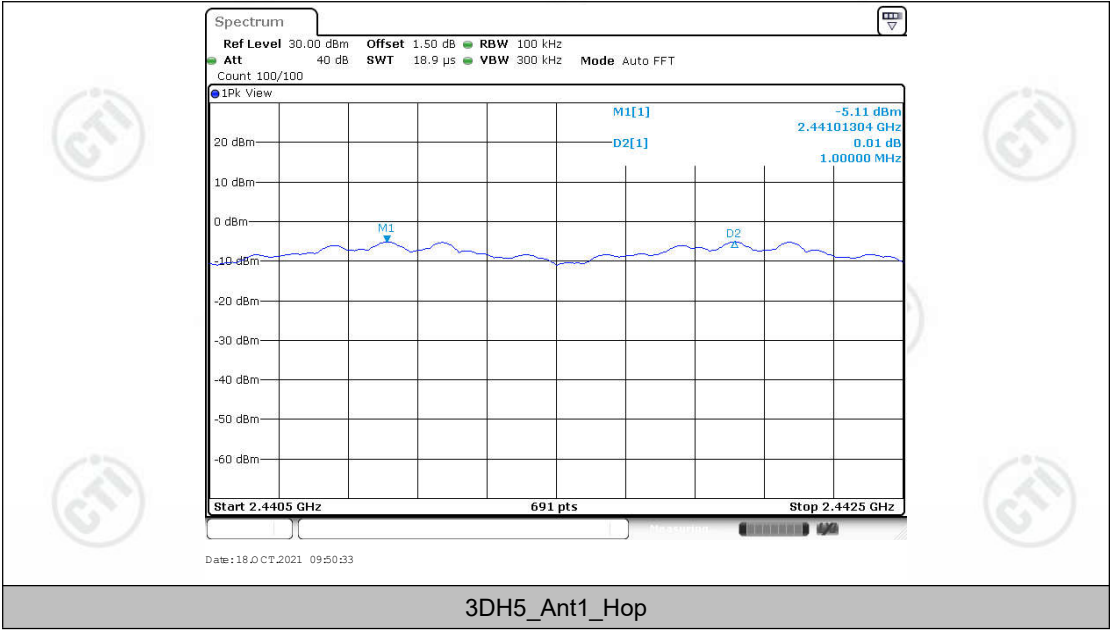
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.951	PASS
2DH5	Ant1	Hop	1	≥ 0.882	PASS
3DH5	Ant1	Hop	1	≥ 0.872	PASS

Test Graphs



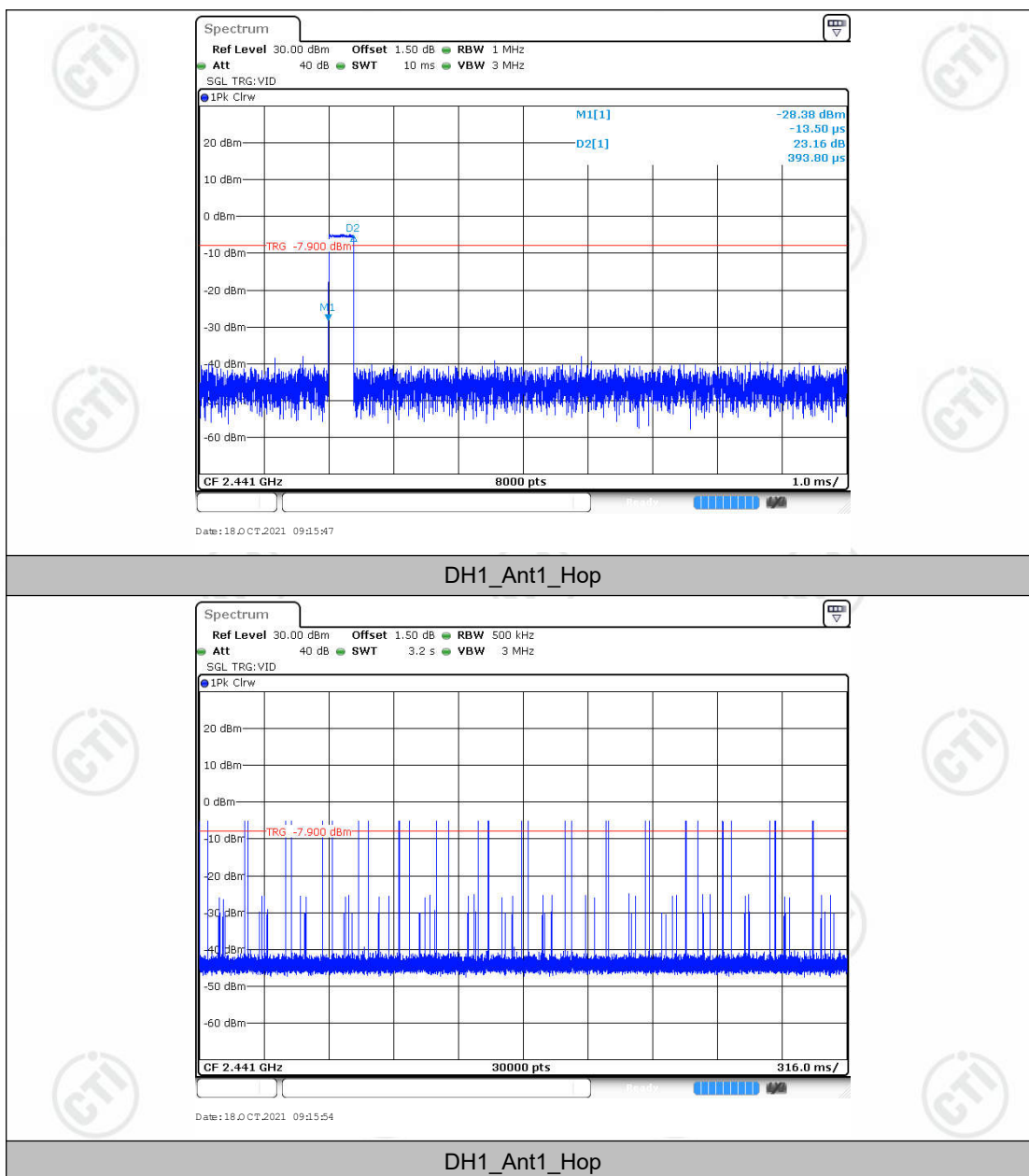


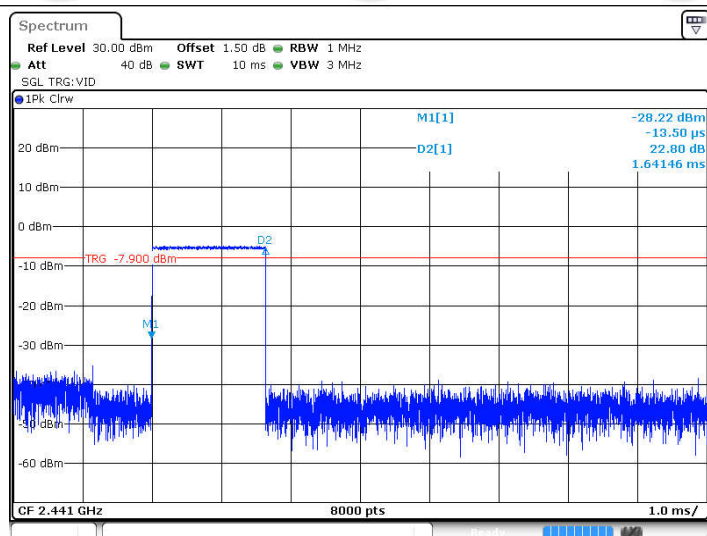
Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	320	0.126	<=0.4	PASS
DH3	Ant1	Hop	1.64	160	0.263	<=0.4	PASS
DH5	Ant1	Hop	2.88	110	0.317	<=0.4	PASS
2DH1	Ant1	Hop	0.40	320	0.129	<=0.4	PASS
2DH3	Ant1	Hop	1.65	160	0.263	<=0.4	PASS
2DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS
3DH1	Ant1	Hop	0.40	320	0.129	<=0.4	PASS
3DH3	Ant1	Hop	1.65	160	0.263	<=0.4	PASS
3DH5	Ant1	Hop	2.89	110	0.318	<=0.4	PASS

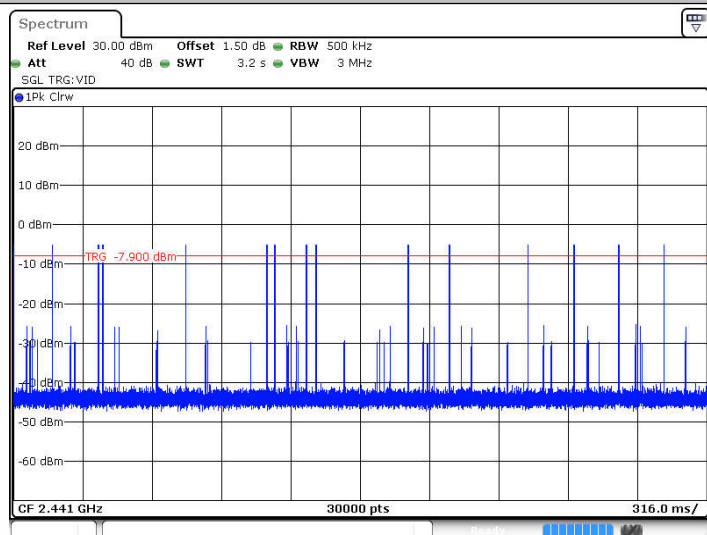
Test Graphs





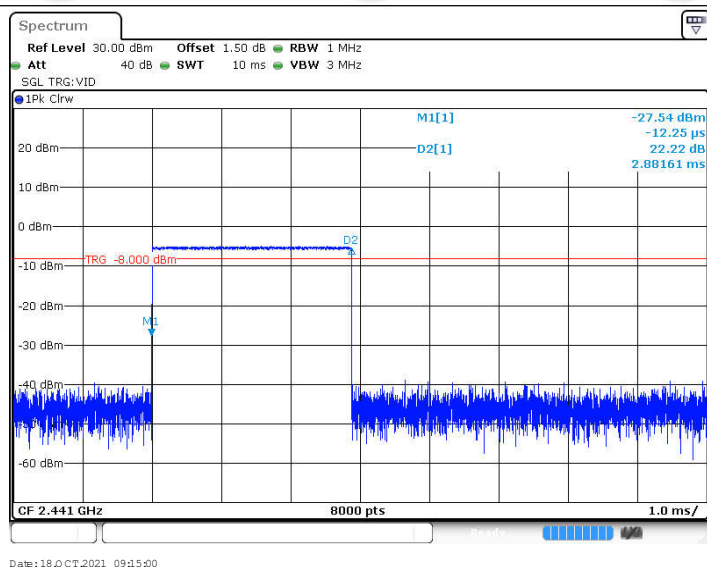
Date: 18 OCT 2021 09:35:10

DH3_Ant1_Hop

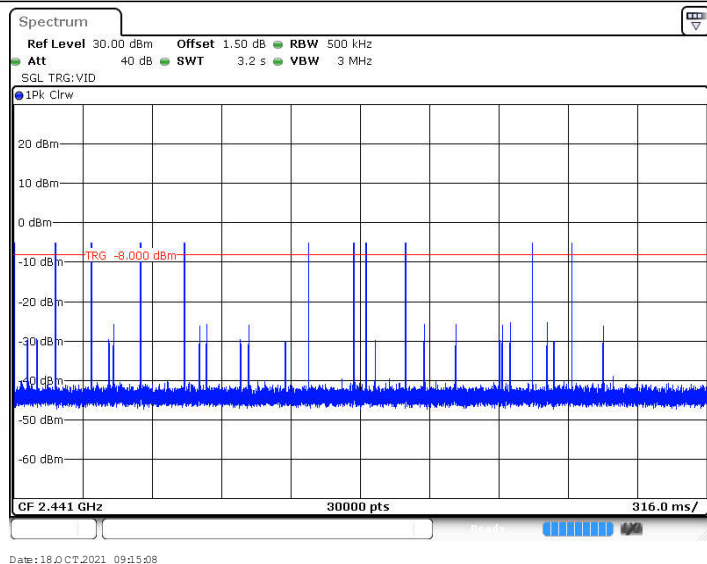


Date: 18 OCT 2021 09:35:17

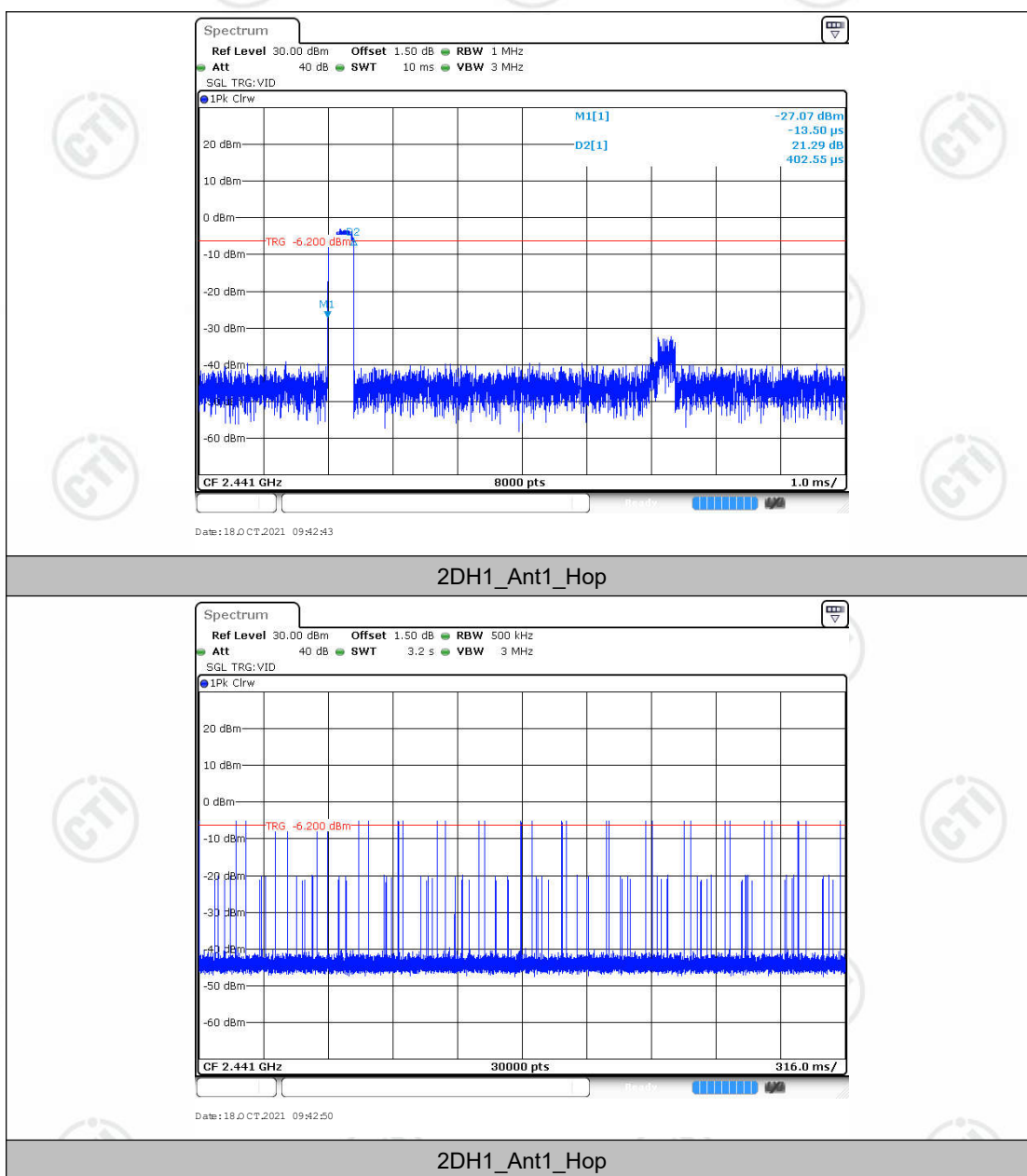
DH3_Ant1_Hop

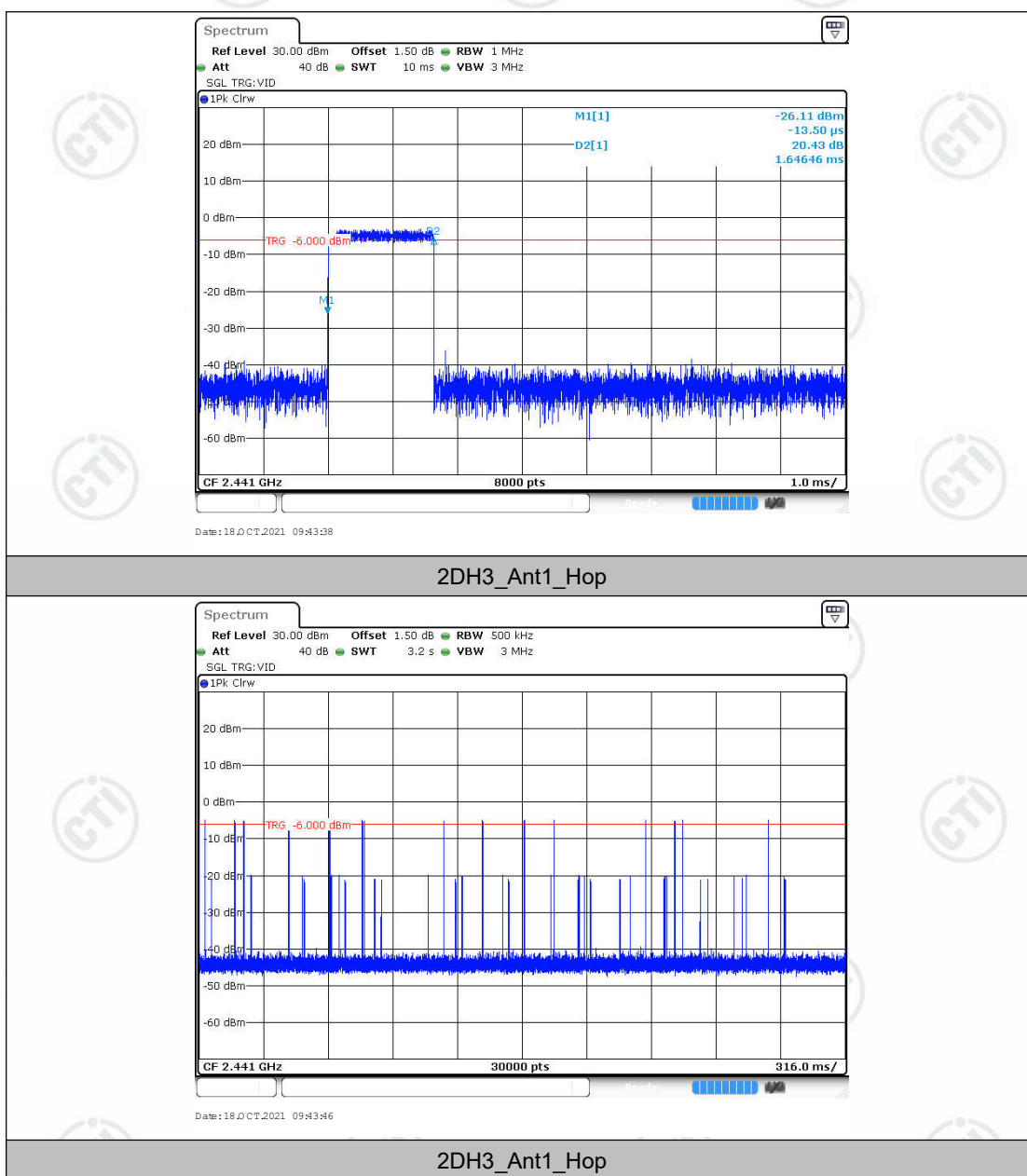


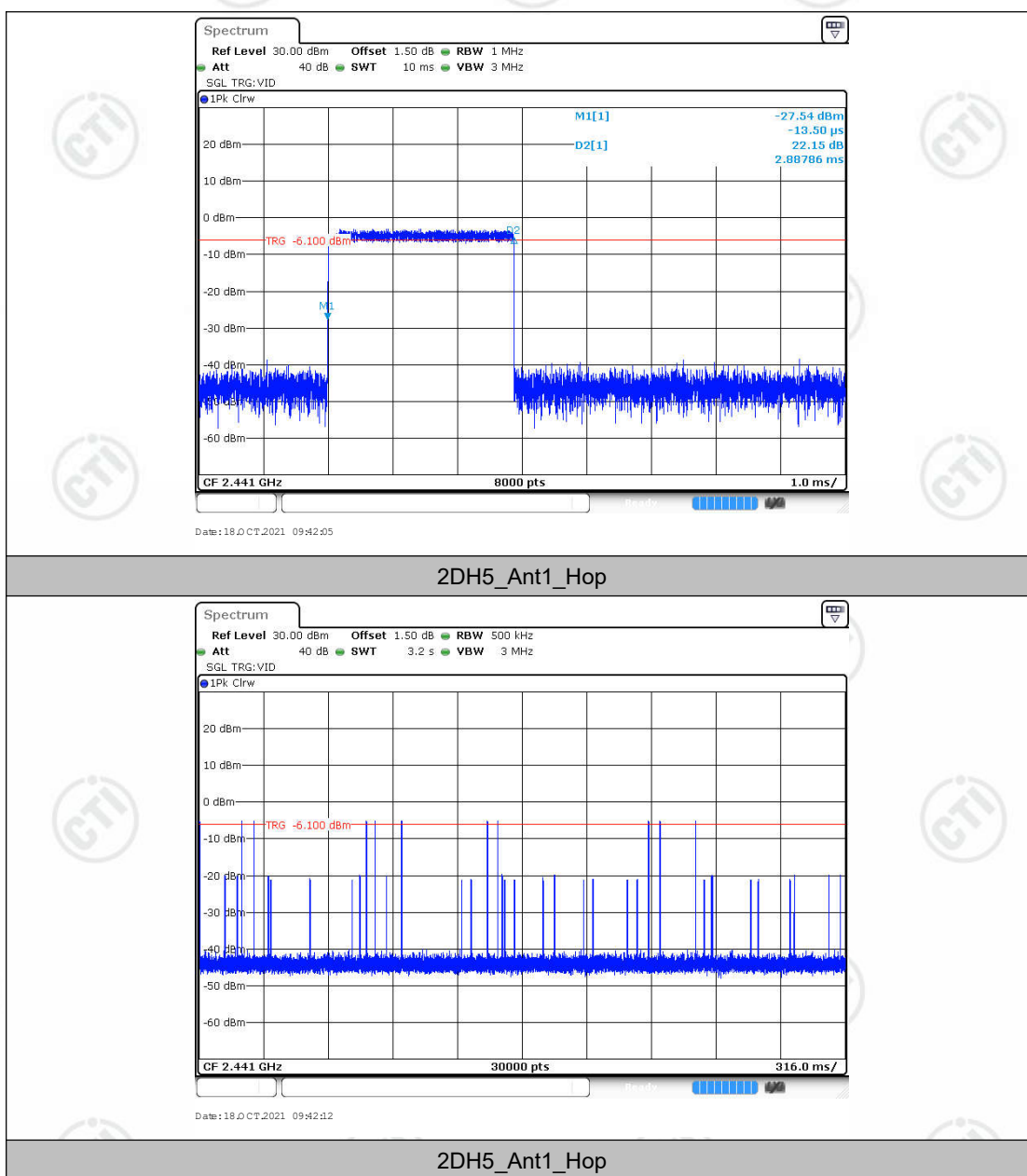
DH5_Ant1_Hop

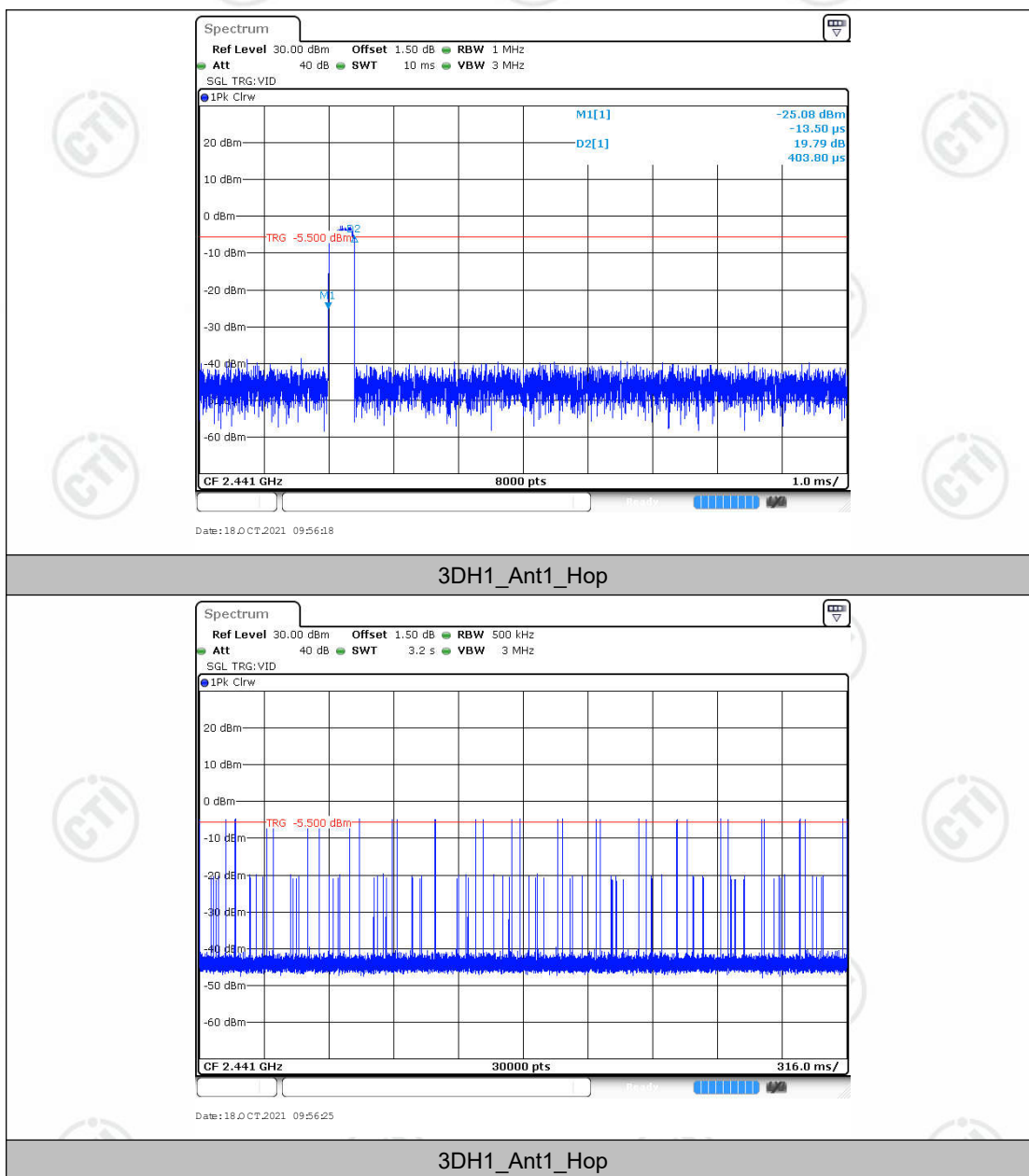


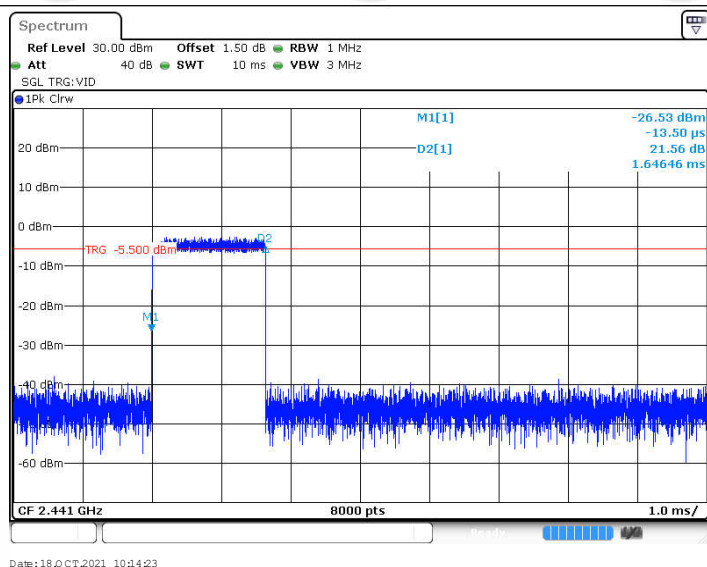
DH5_Ant1_Hop



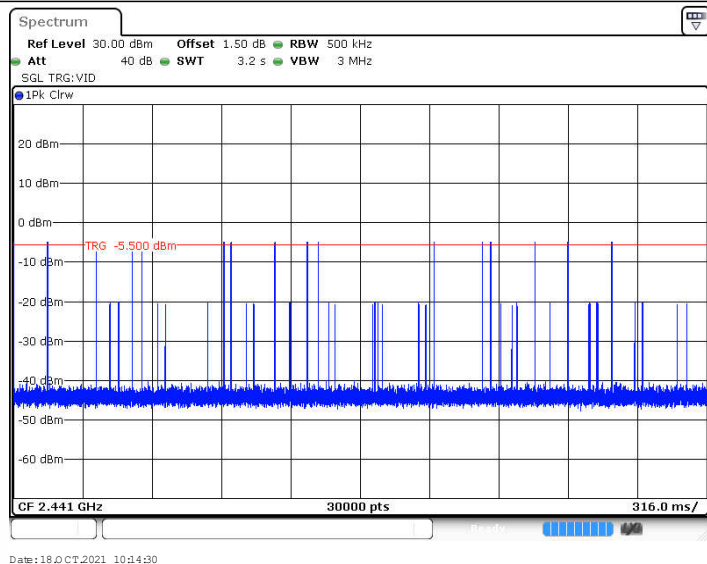




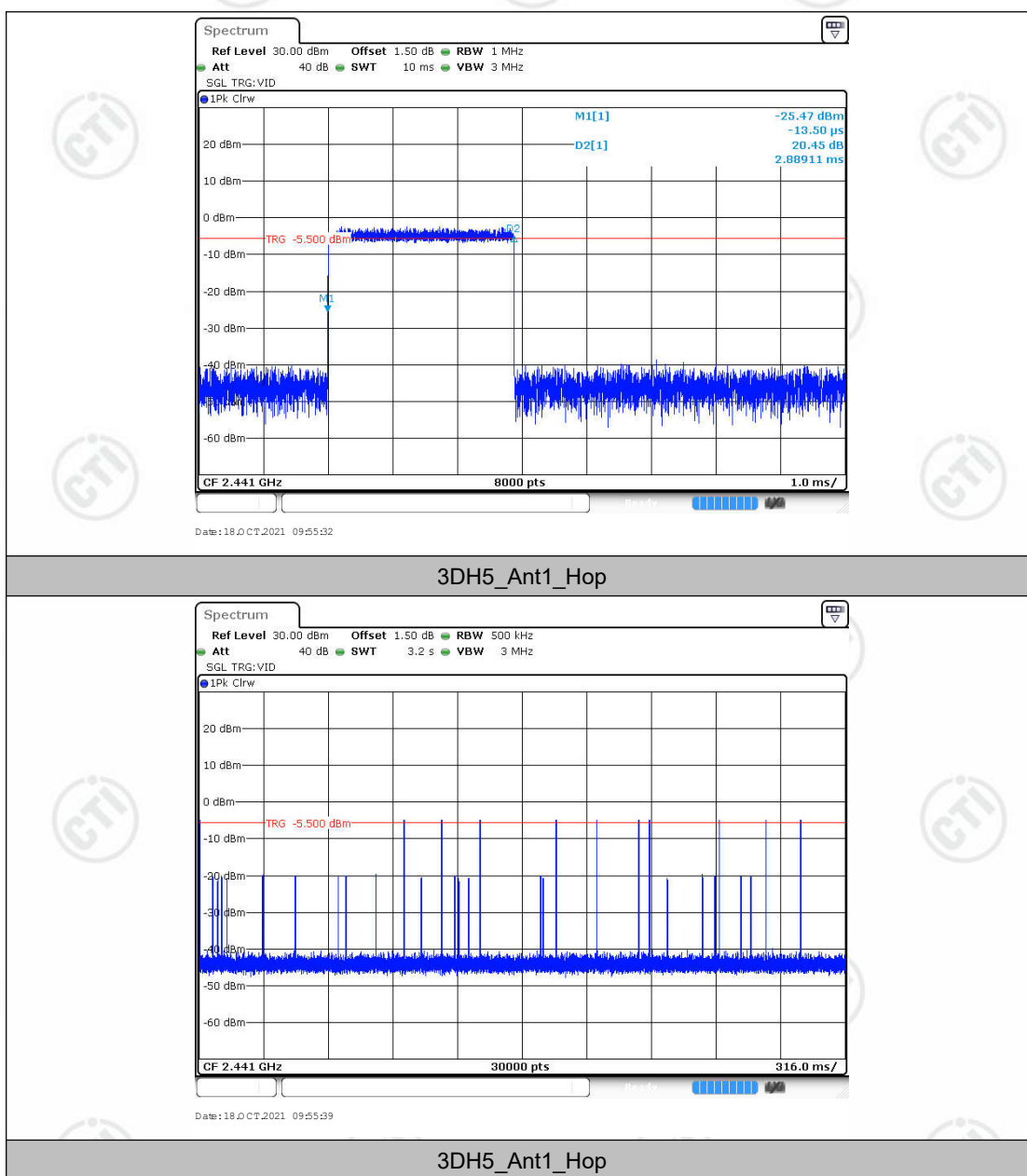




3DH3_Ant1_Hop



3DH3_Ant1_Hop

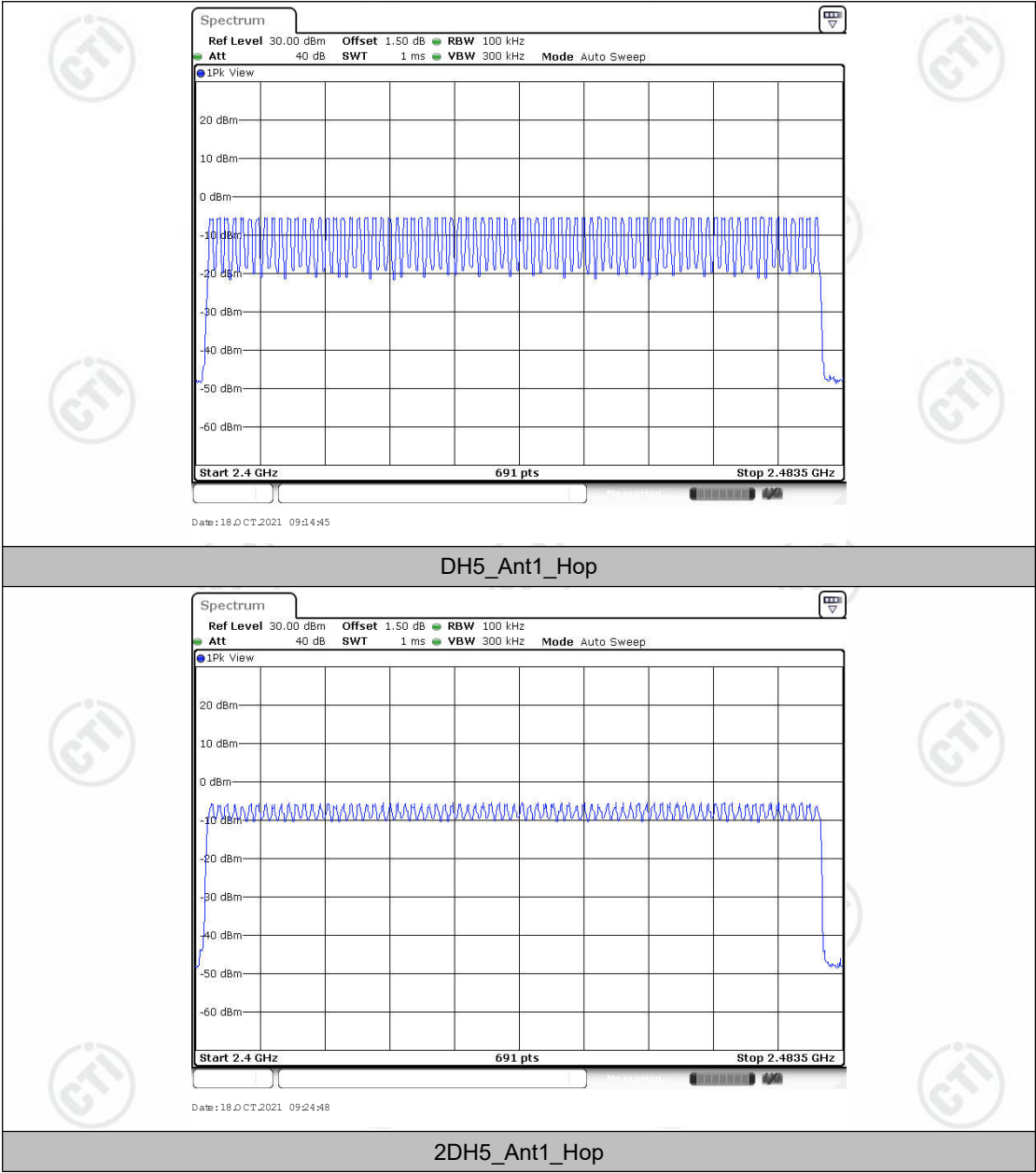


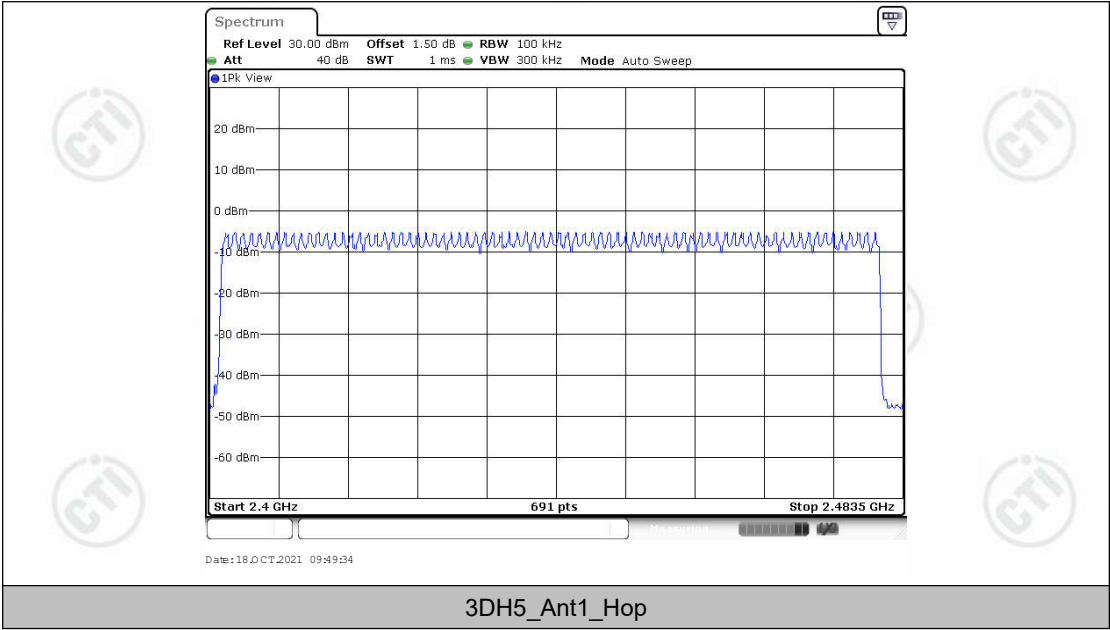
Appendix F: Number of hopping channels

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





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	-5.52	-54.55	≤ -25.52	PASS
		High	2480	-7.94	-59.12	≤ -27.94	PASS
		Low	Hop_2402	-6.11	-54.3	≤ -26.11	PASS
		High	Hop_2480	-5.15	-54.16	≤ -25.15	PASS
2DH5	Ant1	Low	2402	-5.70	-55.49	≤ -25.7	PASS
		High	2480	-5.29	-55.22	≤ -25.29	PASS
		Low	Hop_2402	-5.87	-54.79	≤ -25.87	PASS
		High	Hop_2480	-5.36	-53.85	≤ -25.36	PASS
3DH5	Ant1	Low	2402	-5.64	-55.06	≤ -25.64	PASS
		High	2480	-5.12	-55	≤ -25.12	PASS
		Low	Hop_2402	-5.33	-55.38	≤ -25.33	PASS
		High	Hop_2480	-5.01	-53.12	≤ -25.01	PASS