

Appendix: Bluetooth Classic

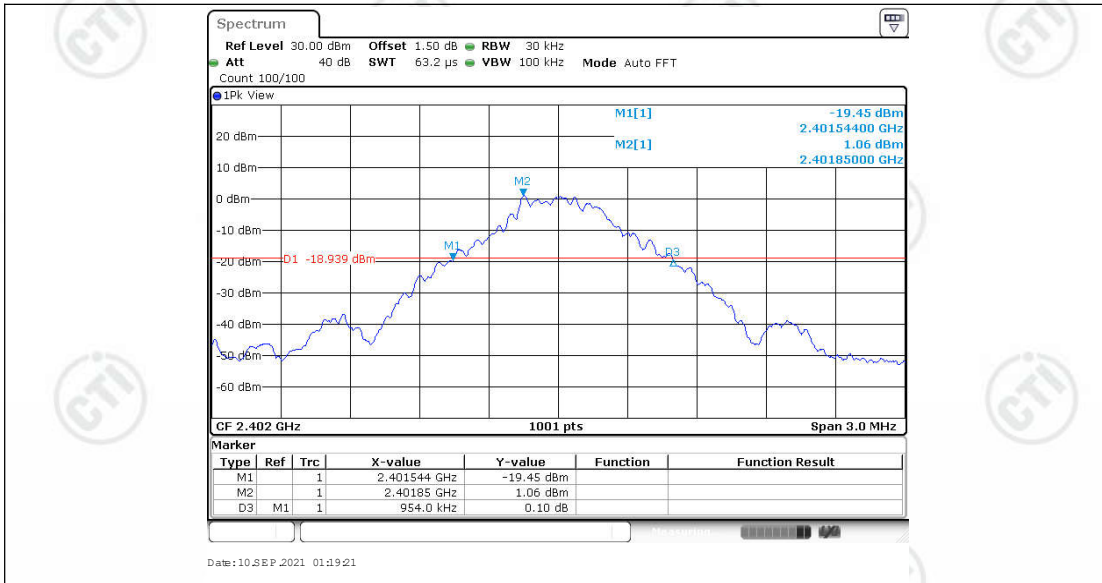
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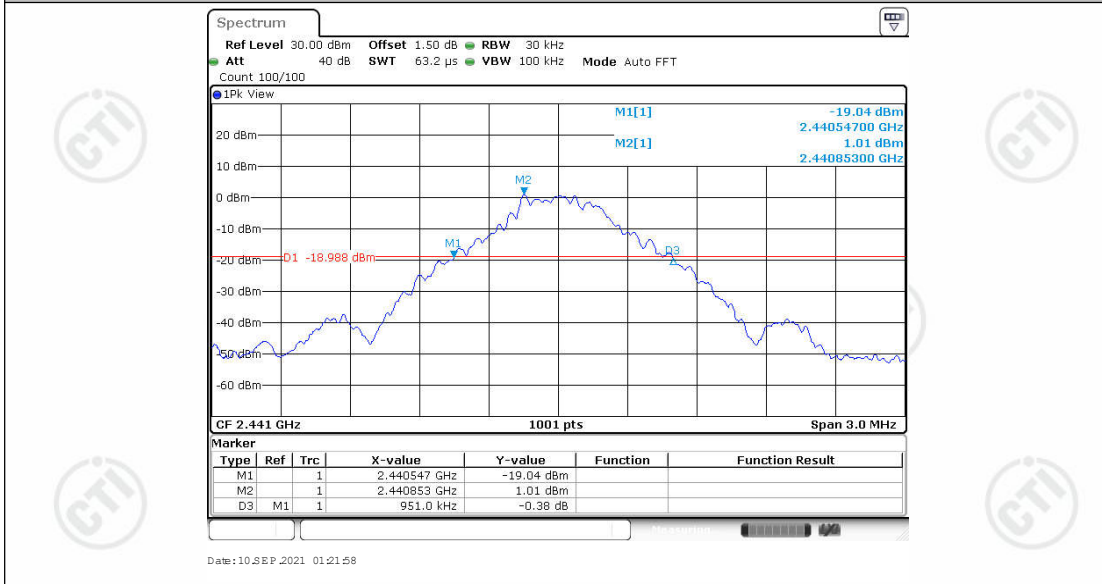
Appendix A: 20dB Emission Bandwidth**Test Result**

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.544	2402.498	---	PASS
		2441	0.951	2440.547	2441.498	---	PASS
		2480	0.954	2479.544	2480.498	---	PASS
2DH5	Ant1	2402	1.317	2401.352	2402.669	---	PASS
		2441	1.284	2440.382	2441.666	---	PASS
		2480	1.317	2479.352	2480.669	---	PASS

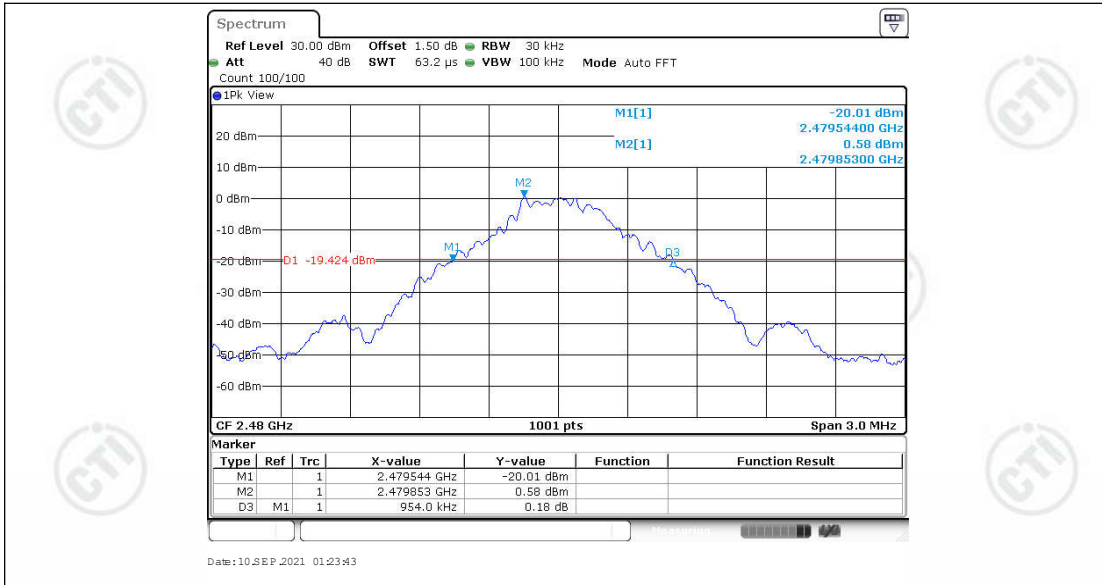
Test Graphs



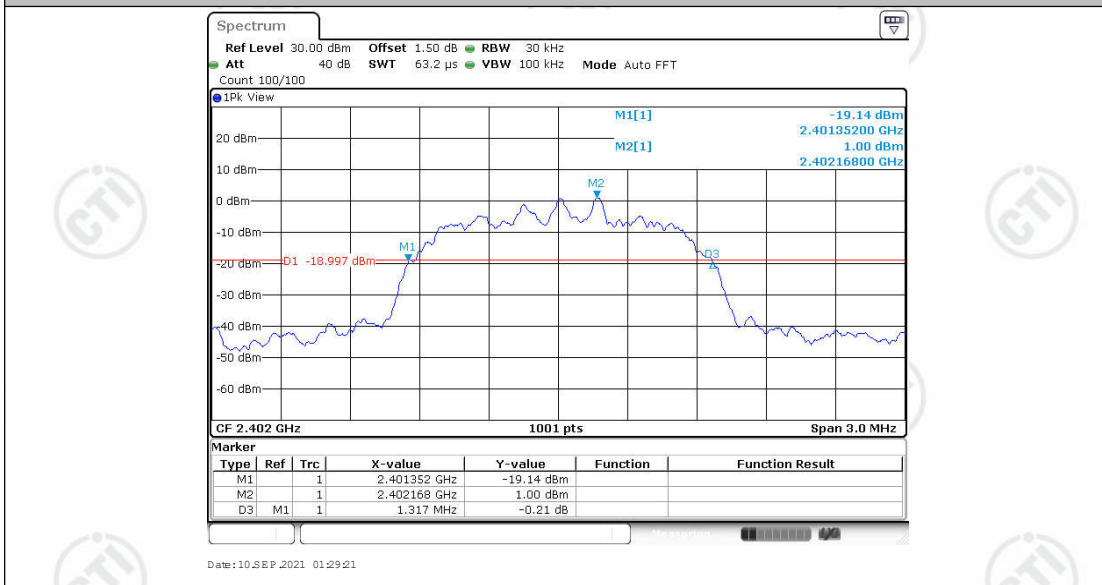
DH5_Ant1_2402



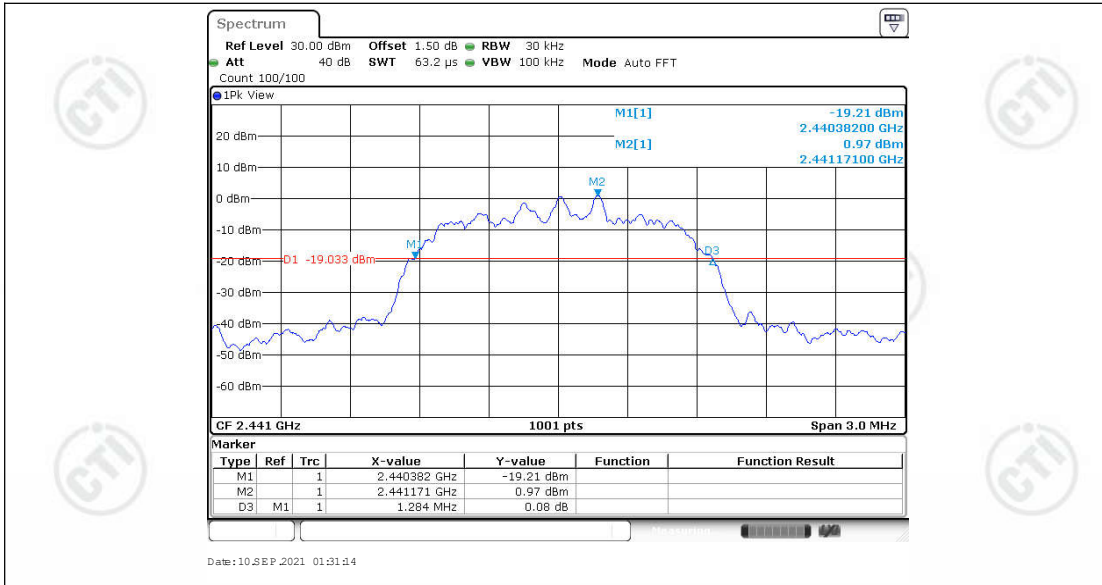
DH5_Ant1_2441



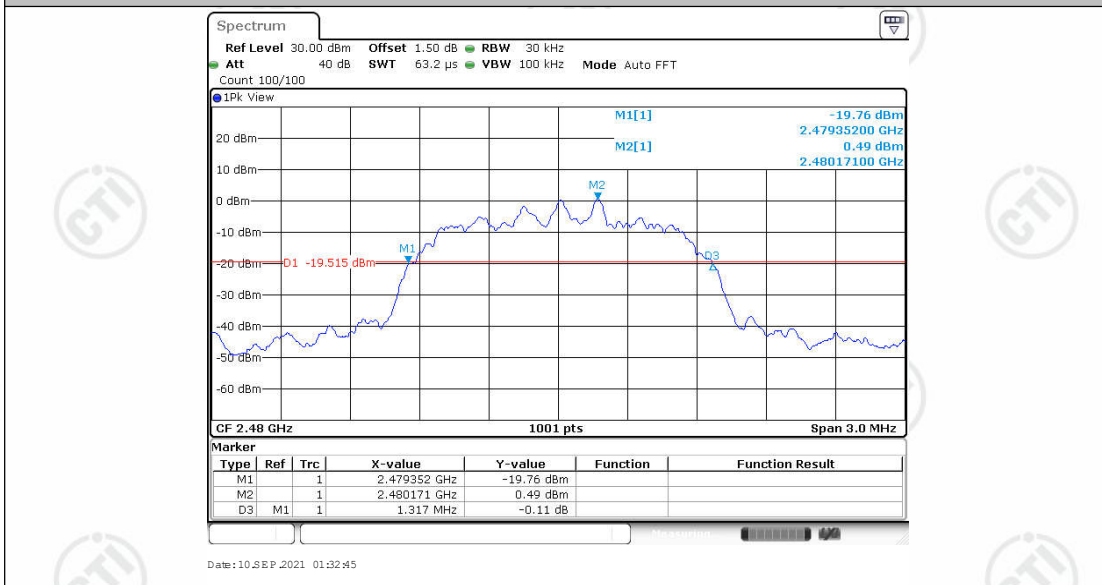
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441

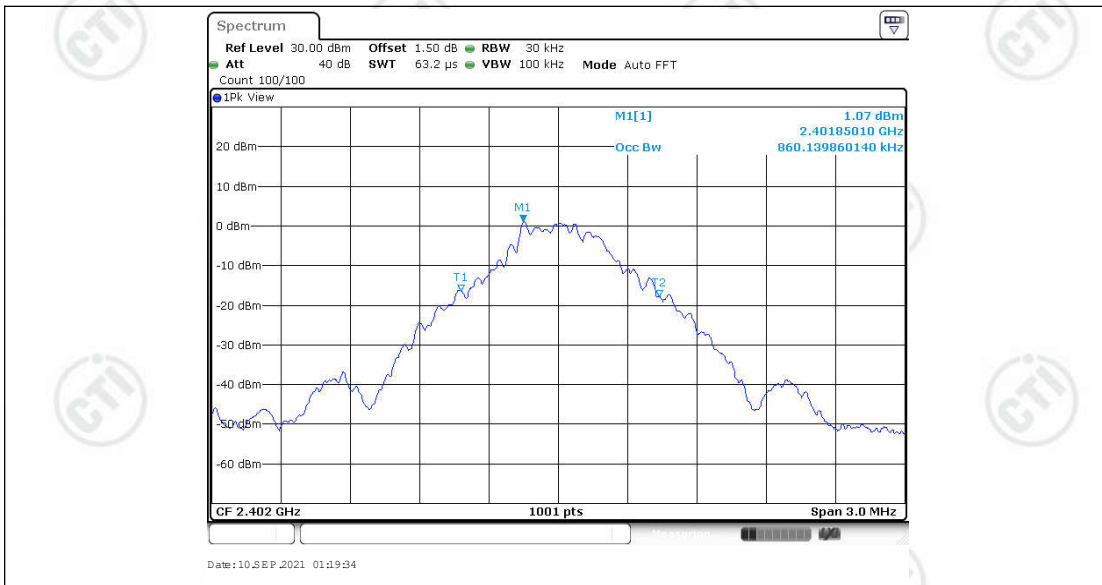


2DH5_Ant1_2480

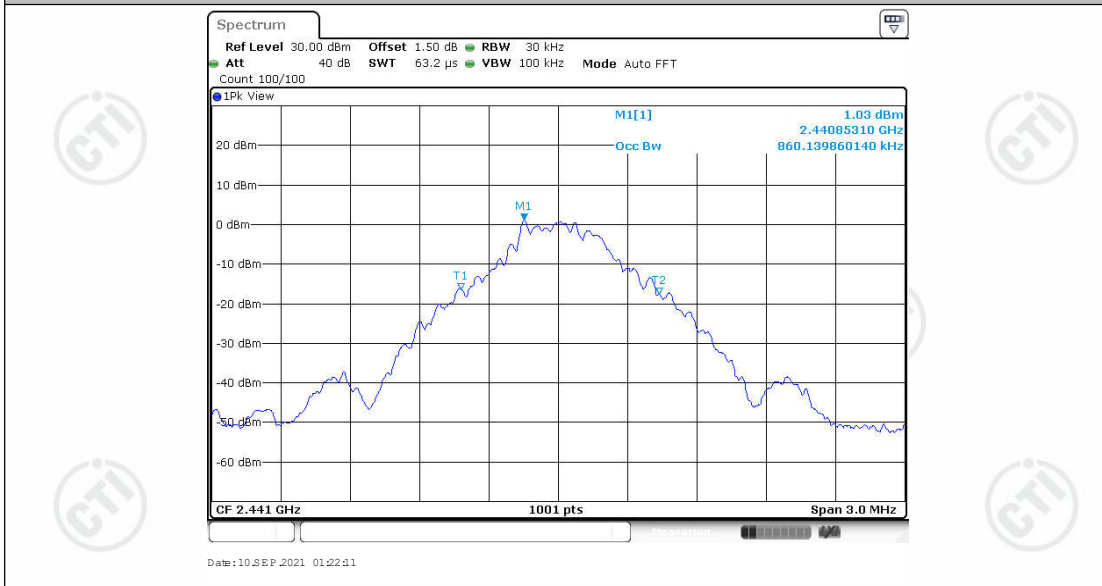
Appendix B: Occupied Channel Bandwidth**Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86	2401.577	2402.438	---	PASS
		2441	0.86	2440.577	2441.438	---	PASS
		2480	0.86	2479.577	2480.438	---	PASS
2DH5	Ant1	2402	1.175	2401.422	2402.596	---	PASS
		2441	1.175	2440.422	2441.596	---	PASS
		2480	1.175	2479.422	2480.596	---	PASS

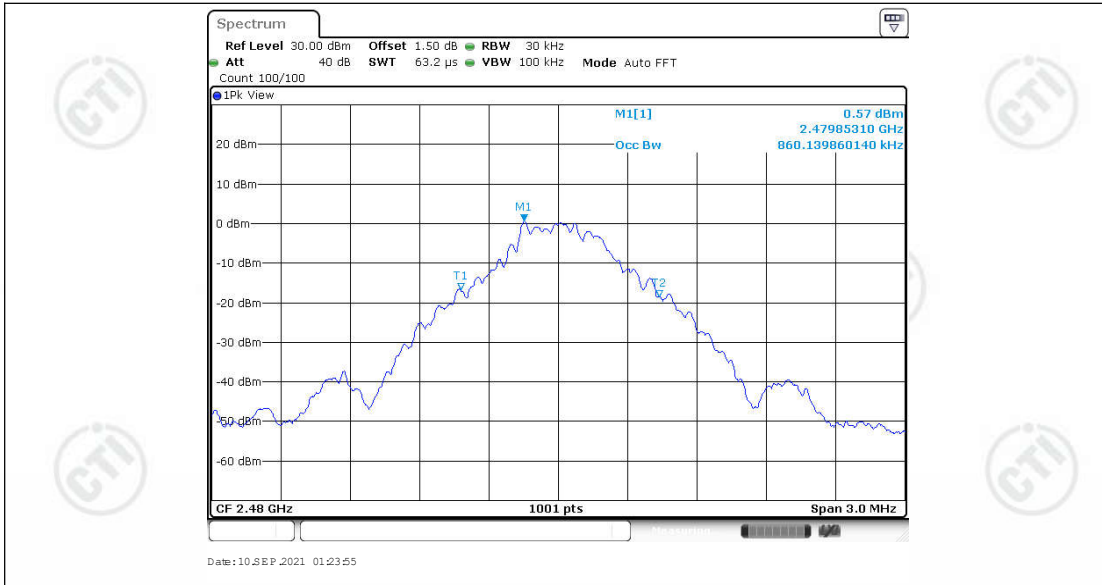
Test Graphs



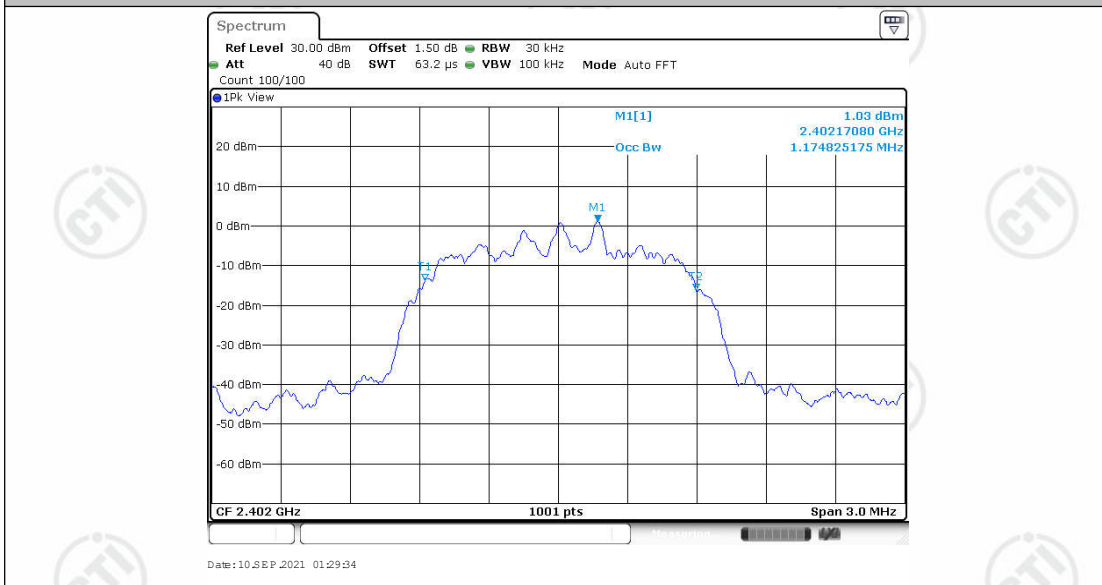
DH5_Ant1_2402



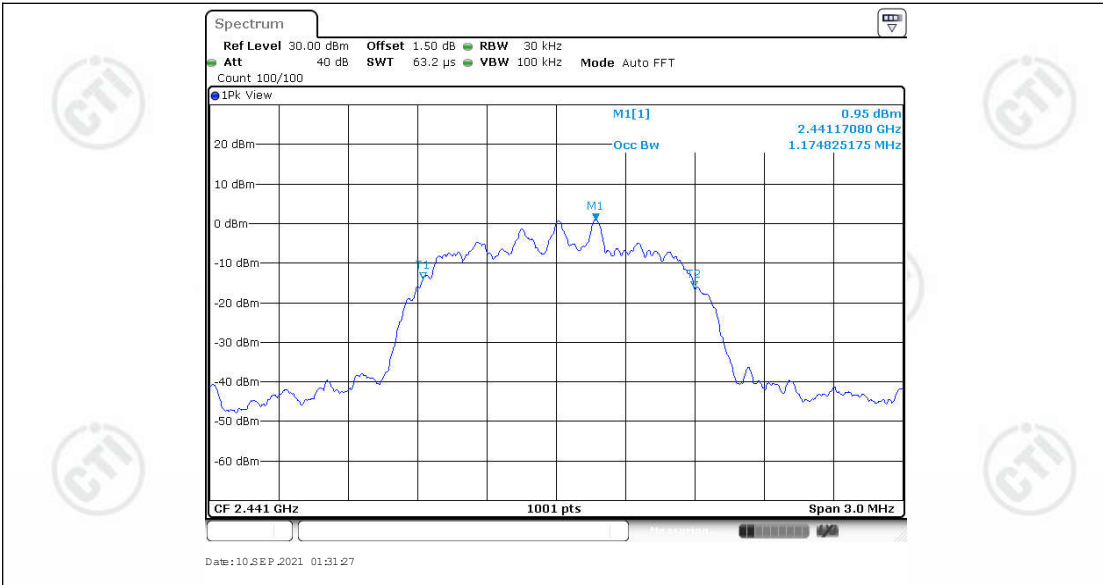
DH5_Ant1_2441



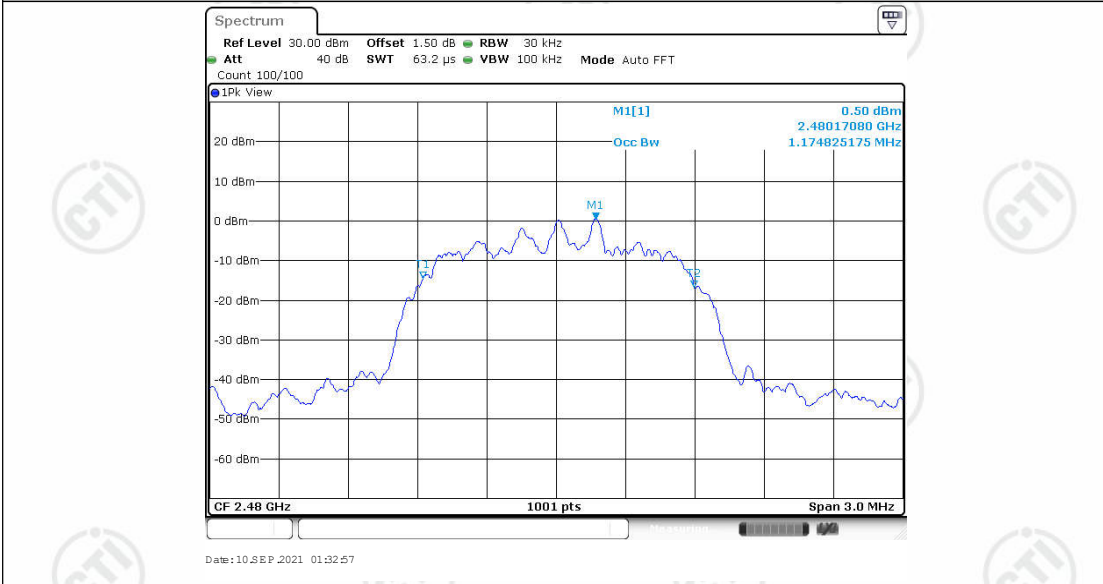
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441

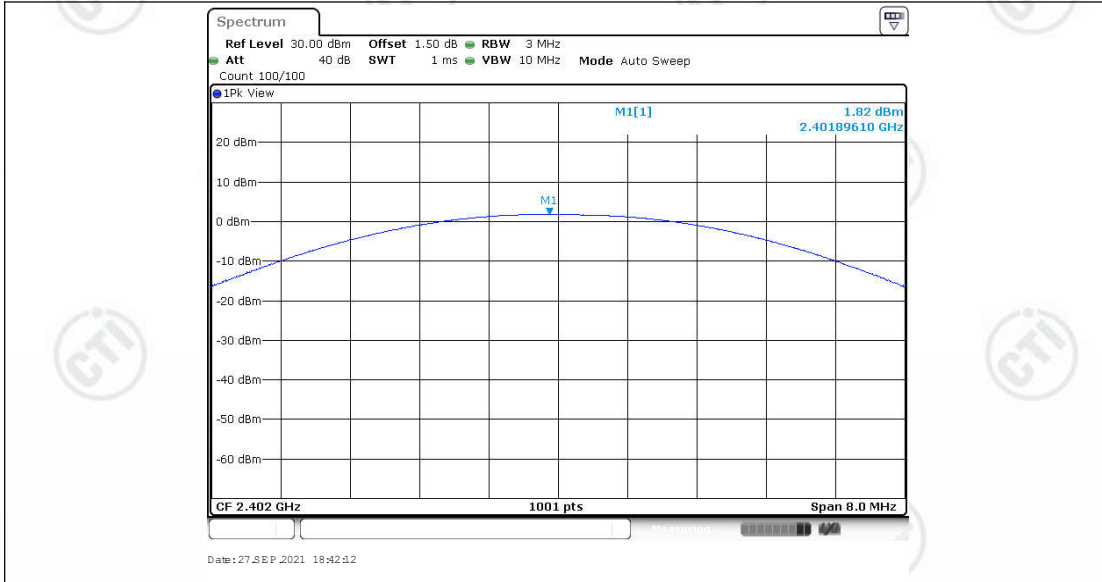


2DH5_Ant1_2480

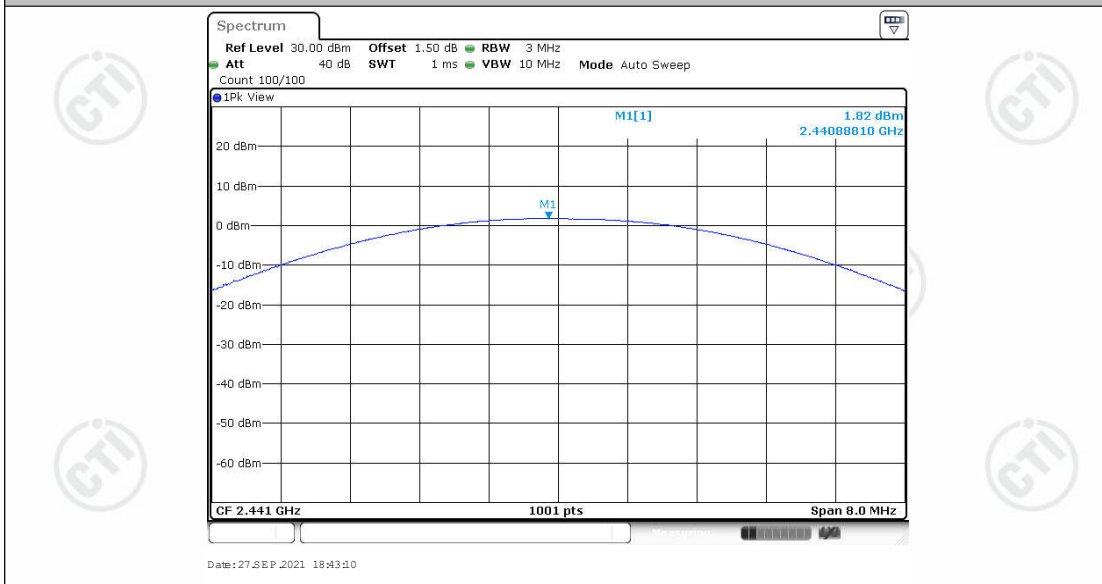
Appendix C: Maximum conducted output power**Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.82	<=30	PASS
		2441	1.82	<=30	PASS
		2480	1.33	<=30	PASS
2DH5	Ant1	2402	2.64	<=20.97	PASS
		2441	2.6	<=20.97	PASS
		2480	2.2	<=20.97	PASS

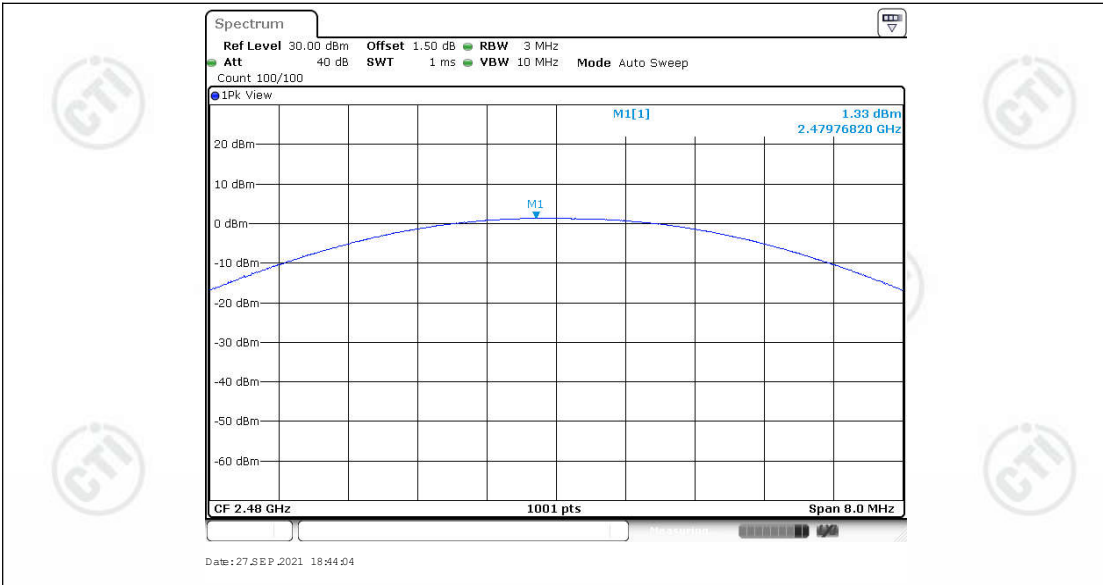
Test Graphs



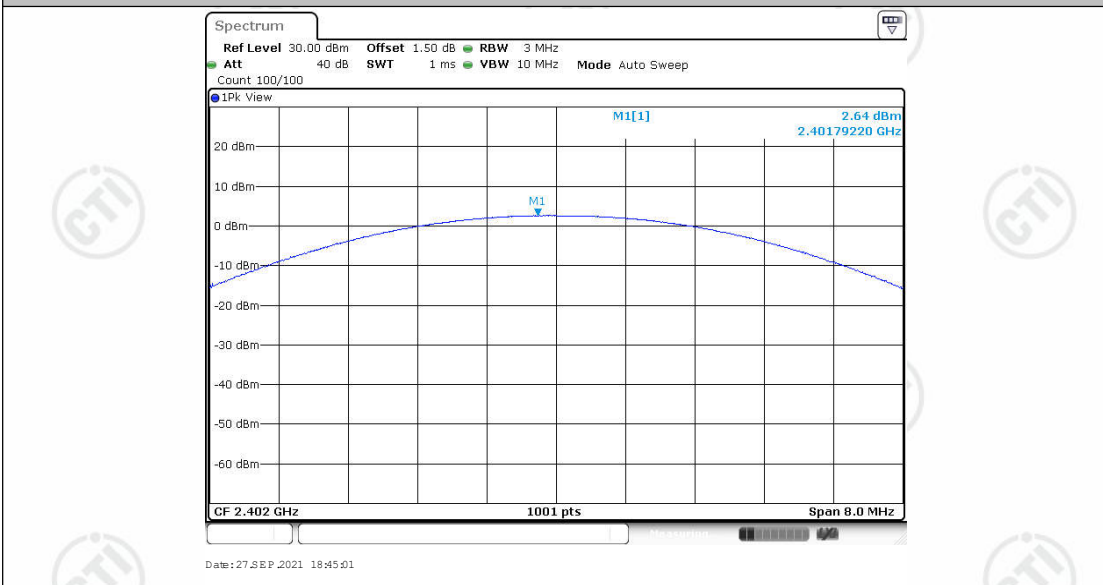
DH5_Ant1_2402



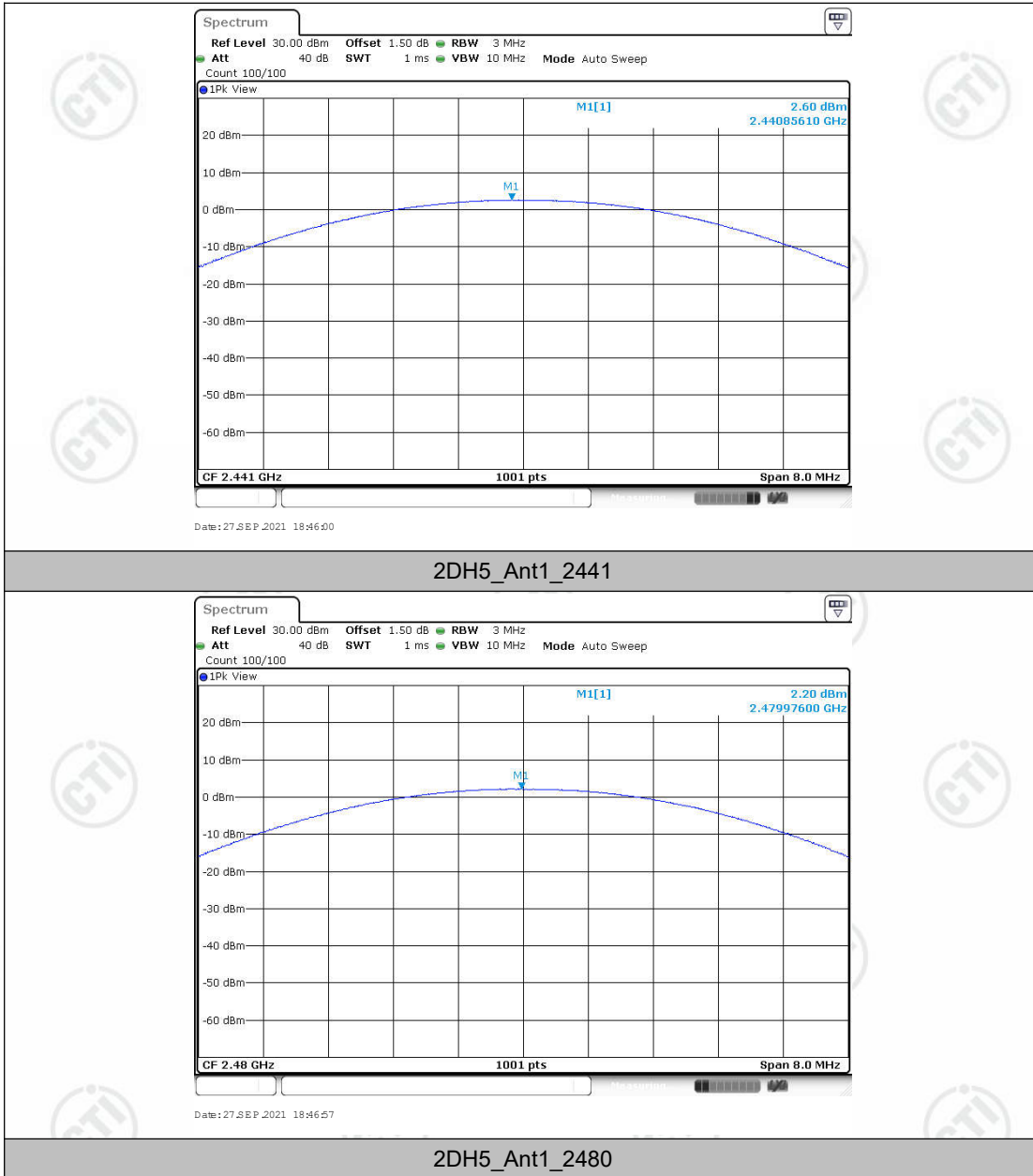
DH5_Ant1_2441



DH5_Ant1_2480



2DH5_Ant1_2402

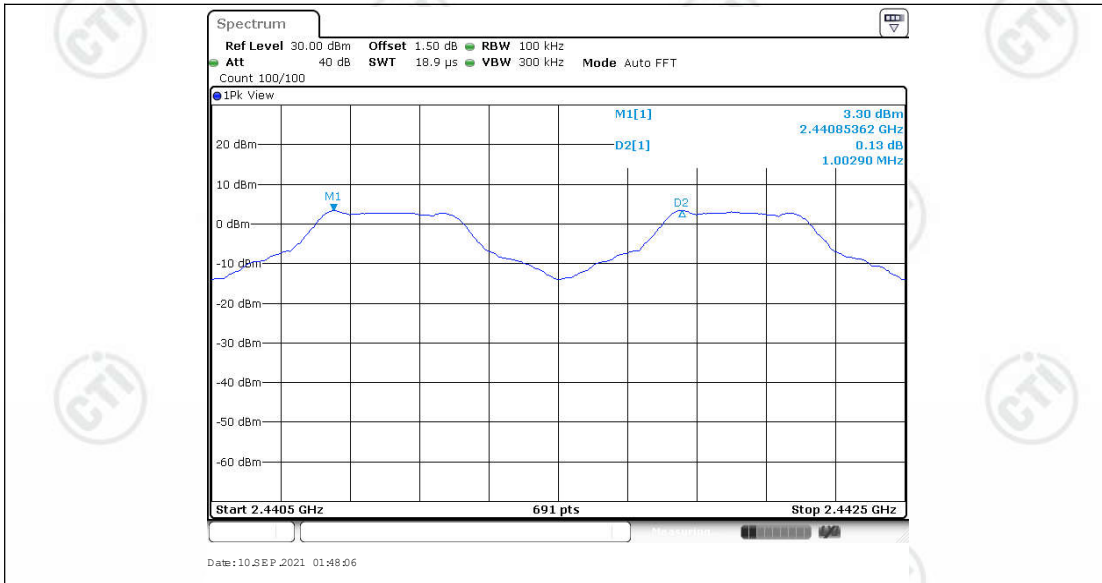


Appendix D: Carrier frequency separation

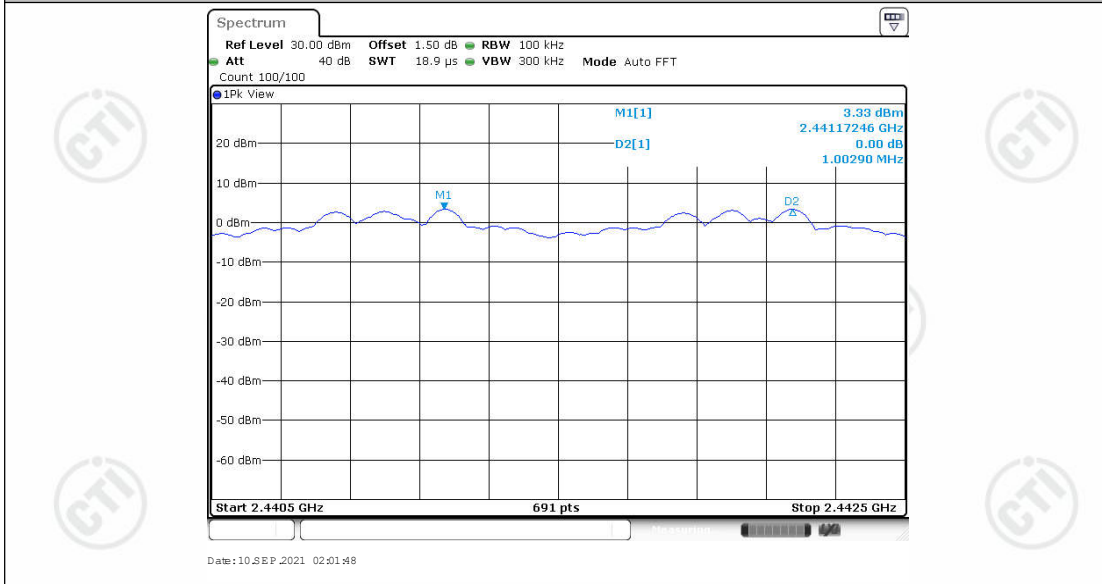
Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥ 0.954	PASS
2DH5	Ant1	Hop	1.003	≥ 0.878	PASS

Test Graphs



DH5_Ant1_Hop

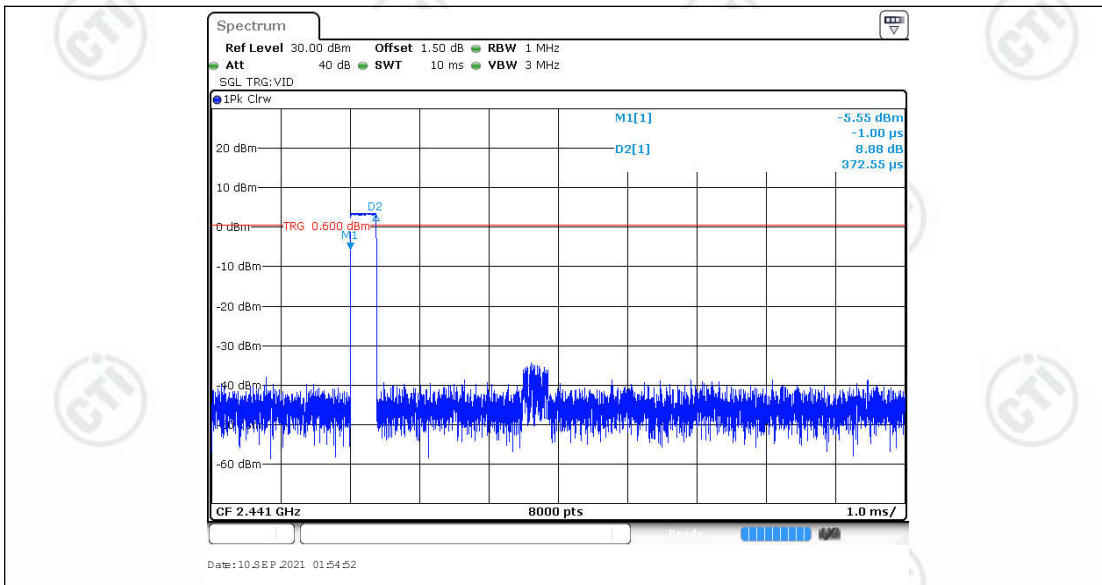


2DH5_Ant1_Hop

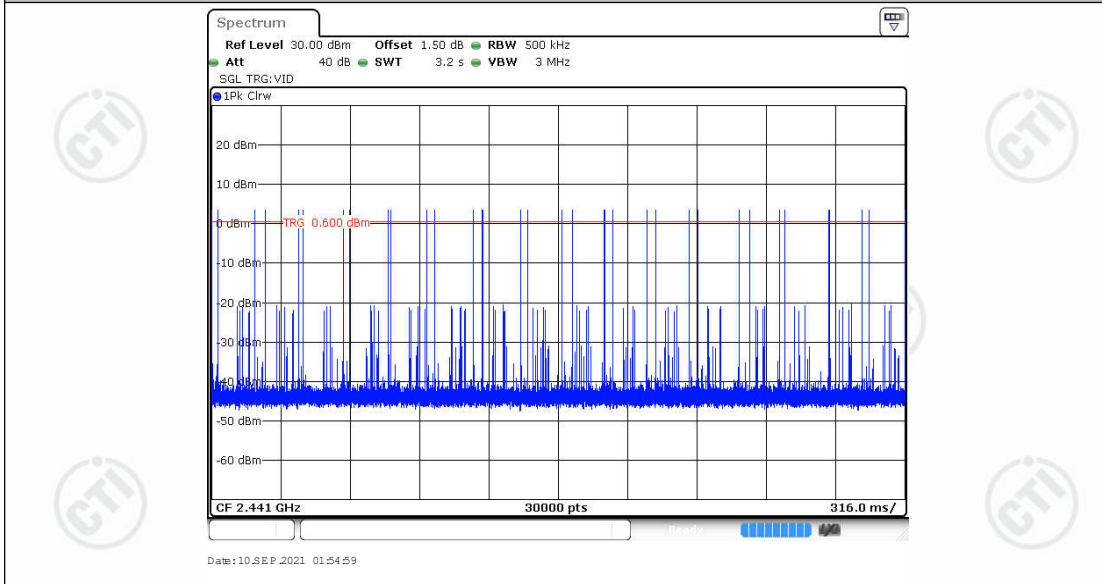
Appendix E: Time of occupancy**Test Result**

Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	320	0.119	<=0.4	PASS
DH3	Ant1	Hop	1.62	160	0.259	<=0.4	PASS
DH5	Ant1	Hop	2.86	110	0.315	<=0.4	PASS
2DH1	Ant1	Hop	0.38	320	0.122	<=0.4	PASS
2DH3	Ant1	Hop	1.63	160	0.26	<=0.4	PASS
2DH5	Ant1	Hop	2.87	110	0.315	<=0.4	PASS

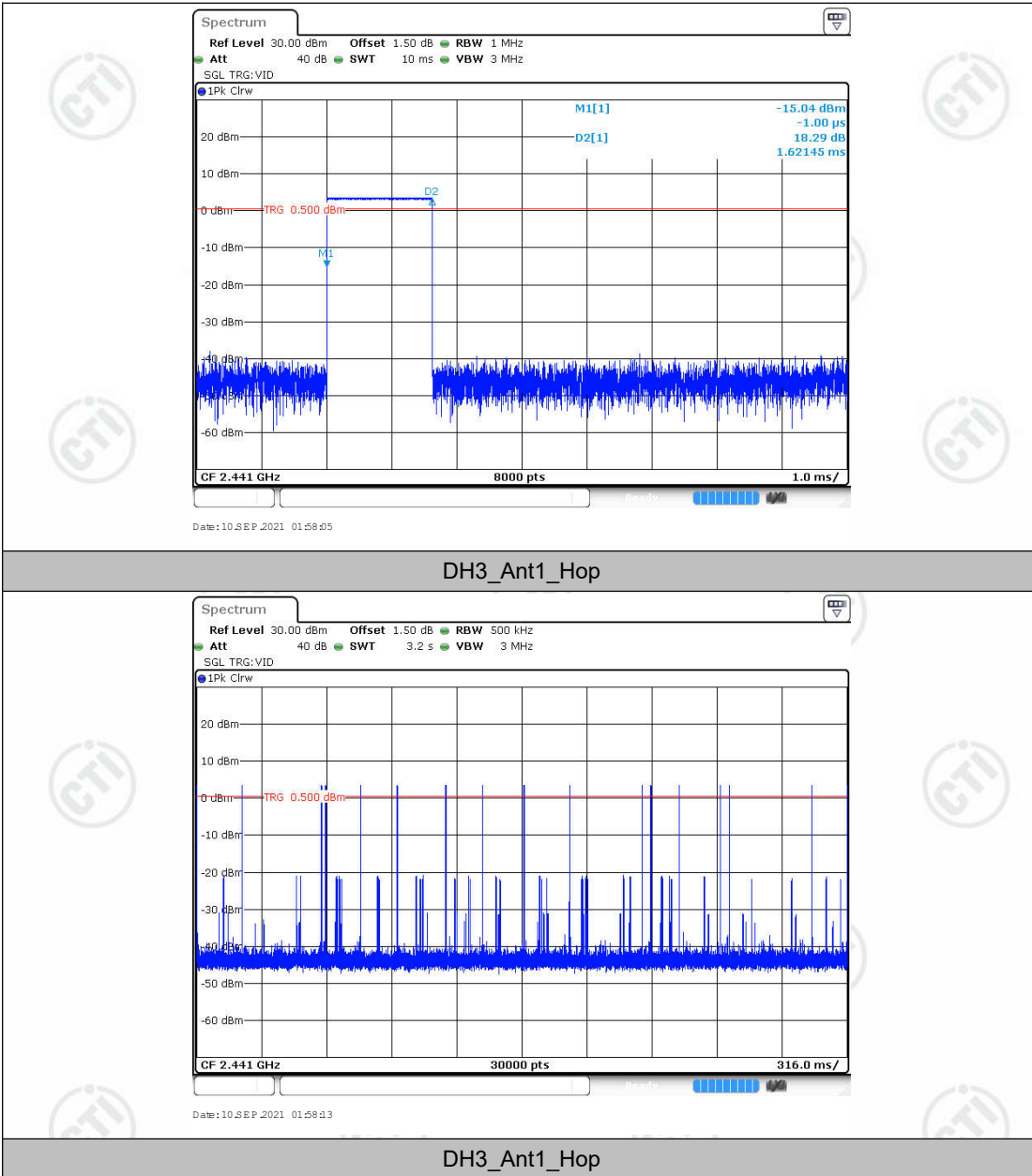
Test Graphs

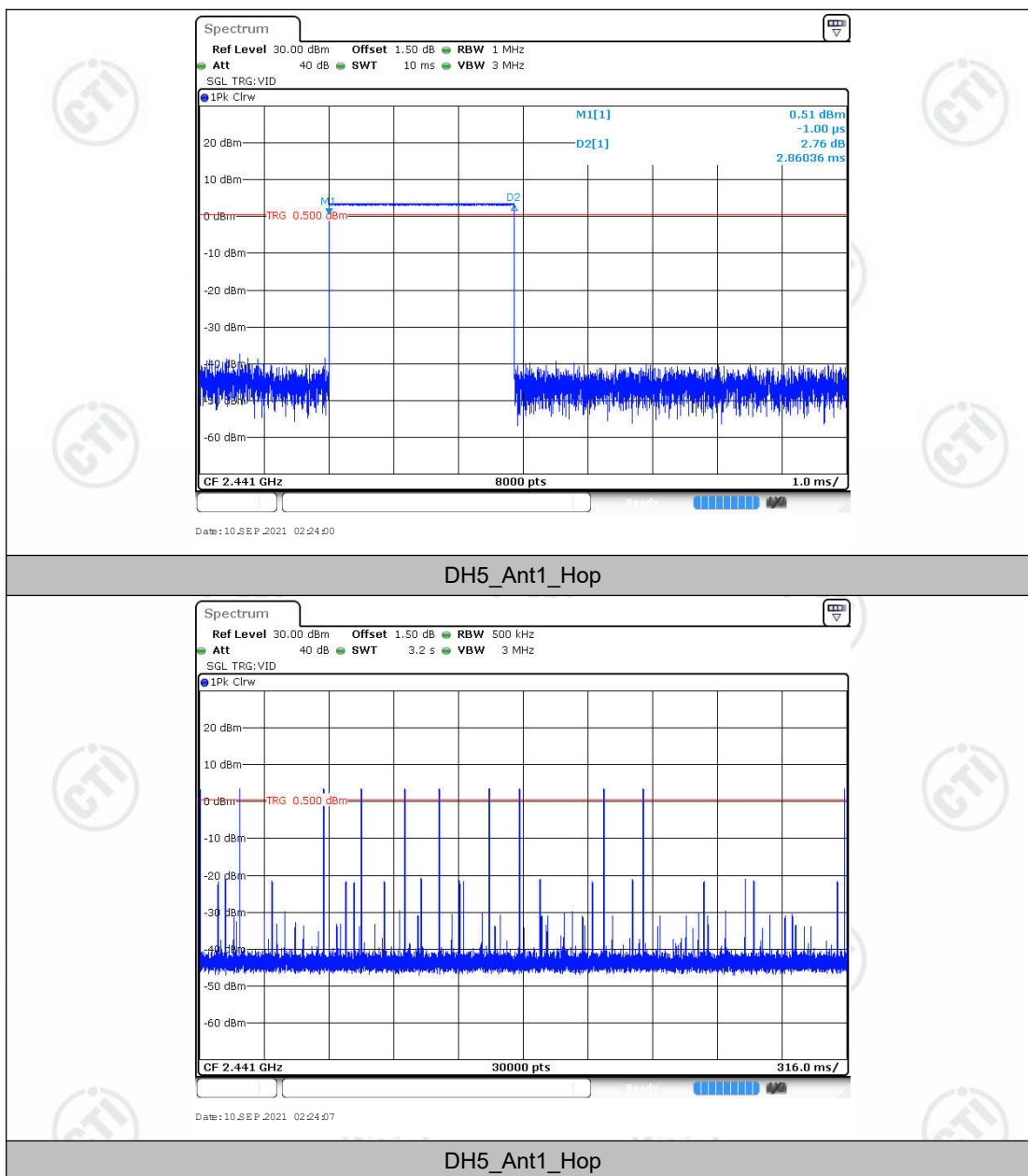


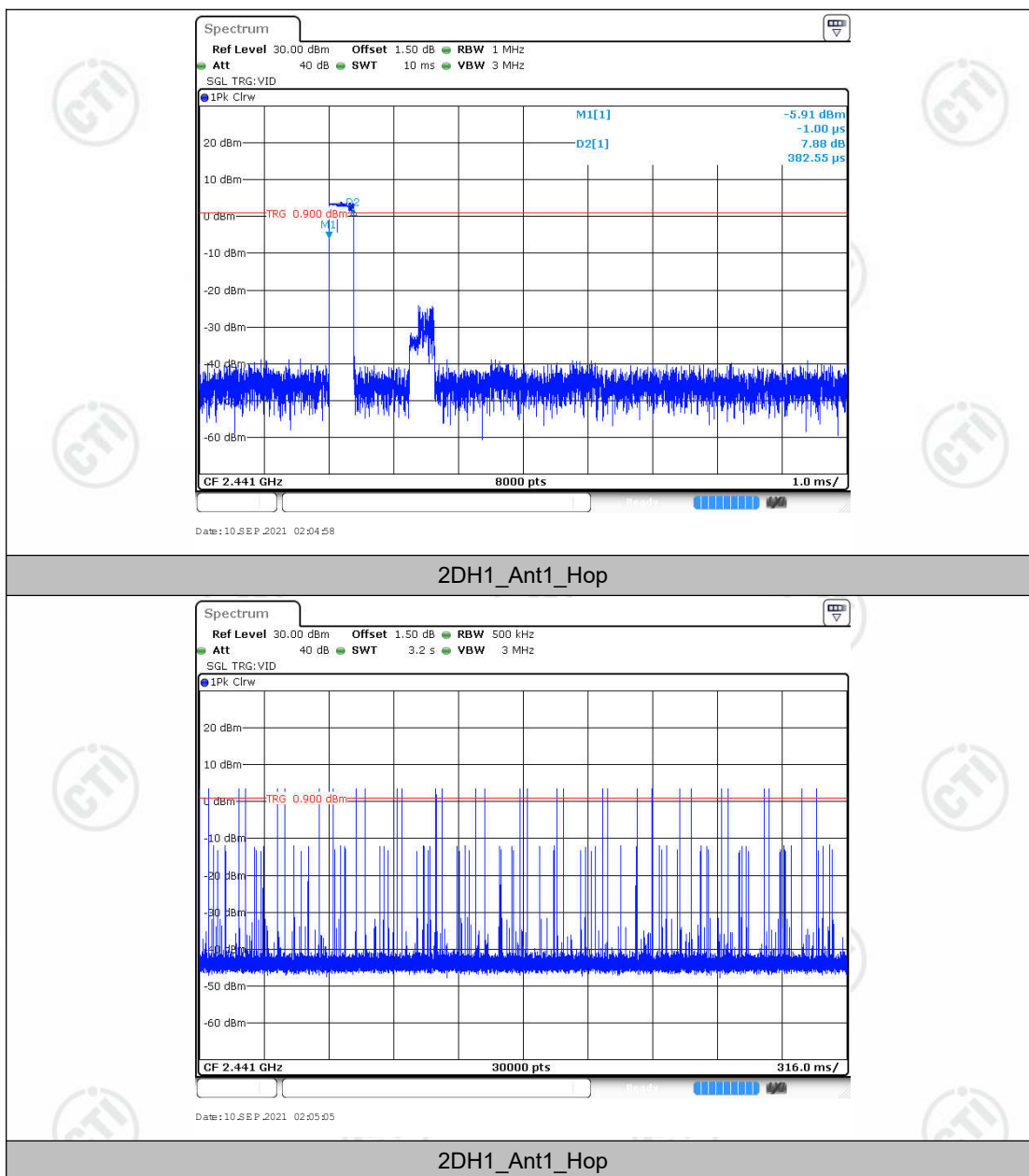
DH1_Ant1_Hop

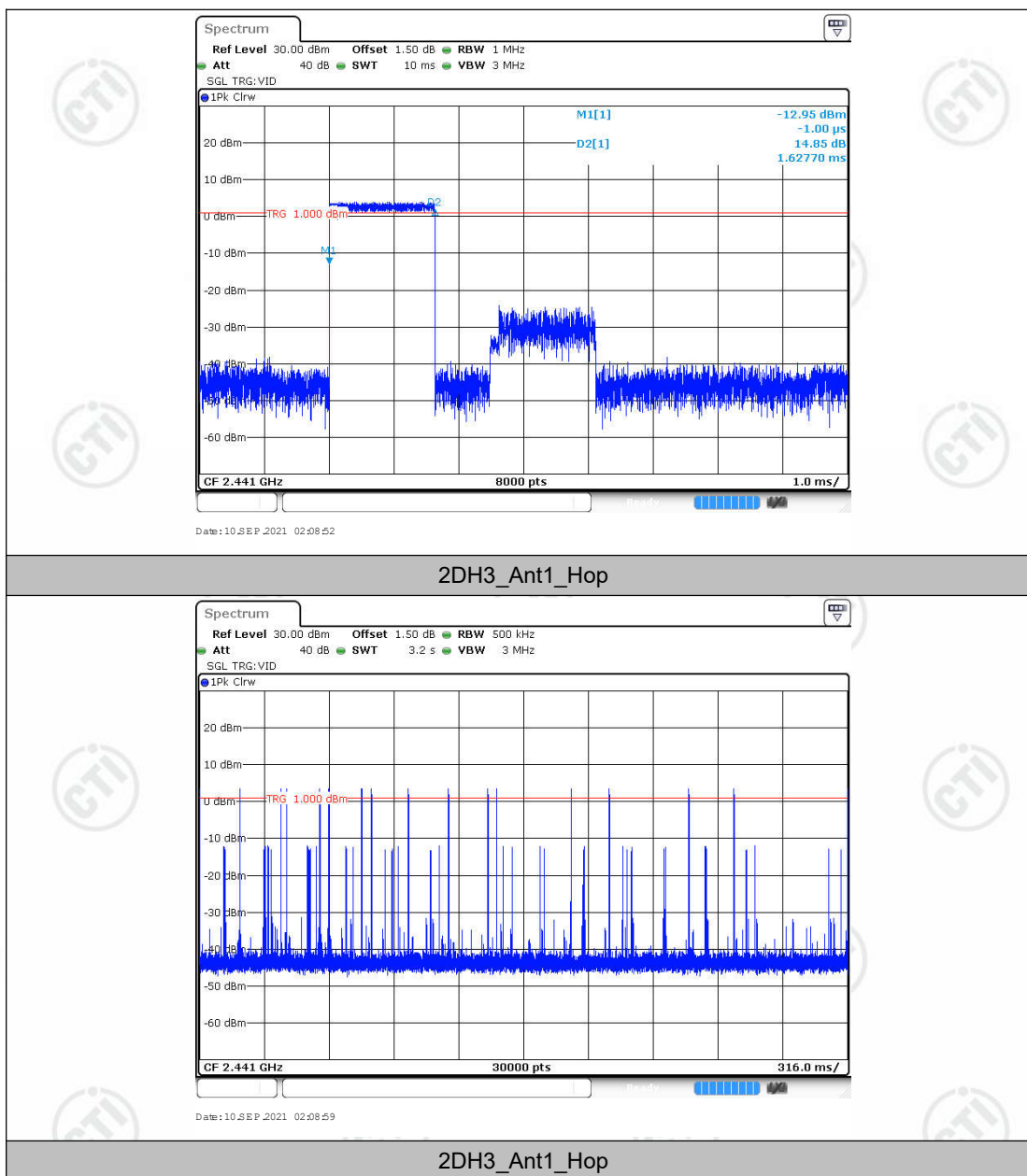


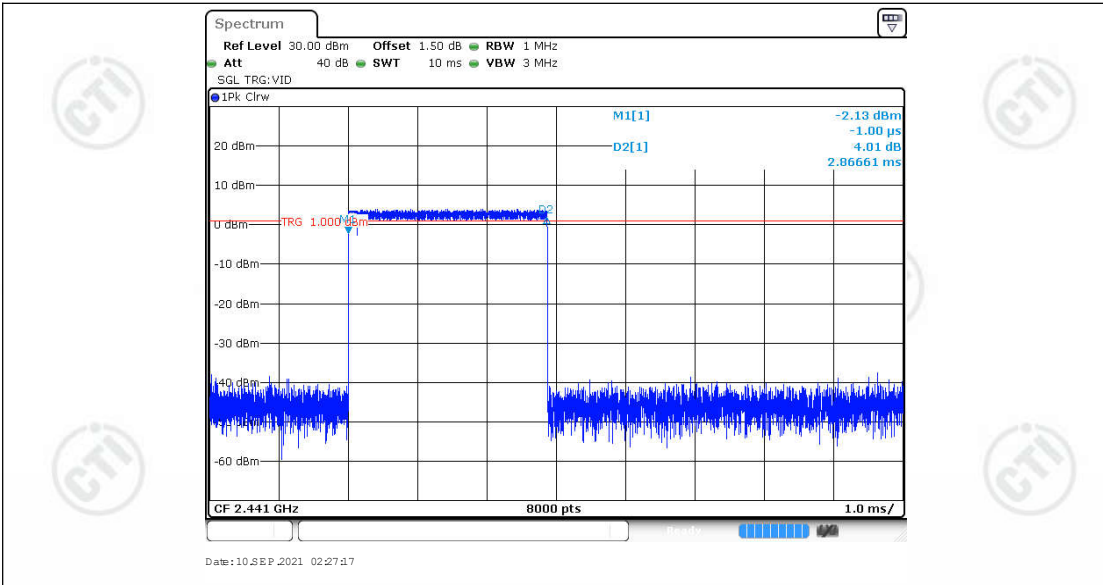
DH1_Ant1_Hop



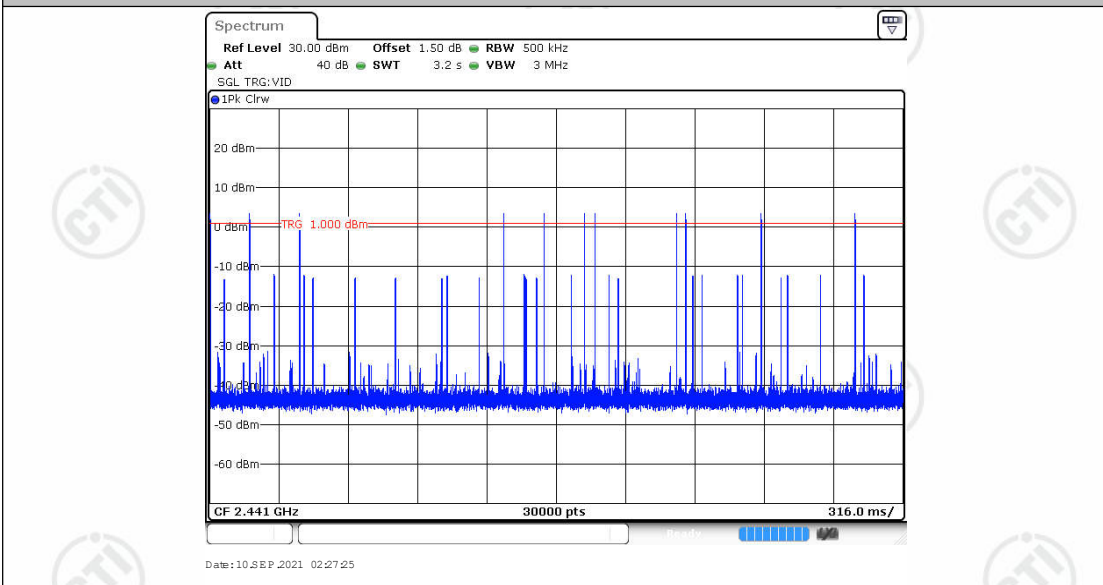








2DH5_Ant1_Hop

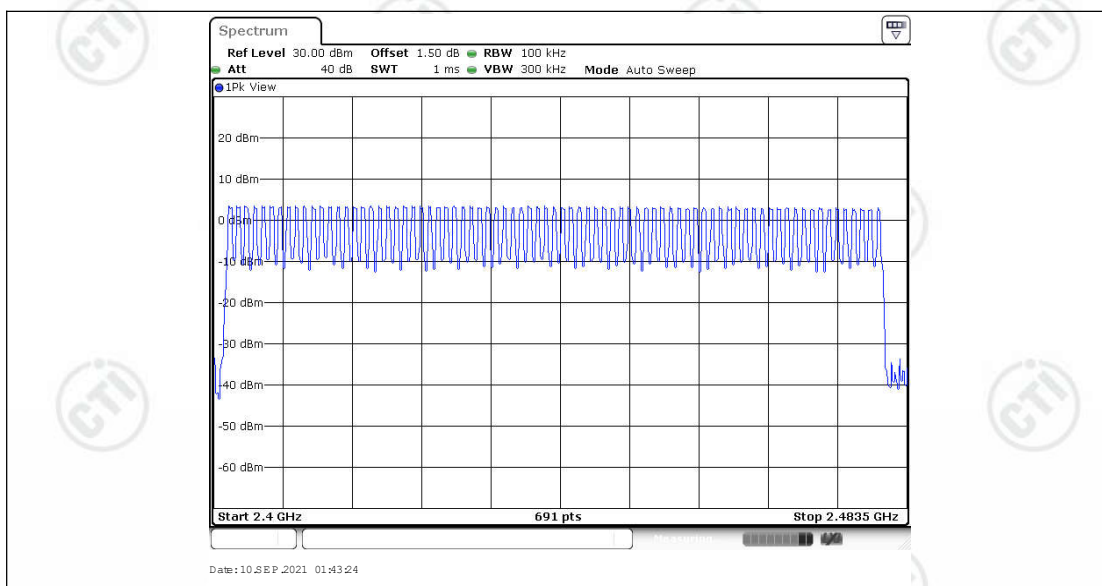


2DH5_Ant1_Hop

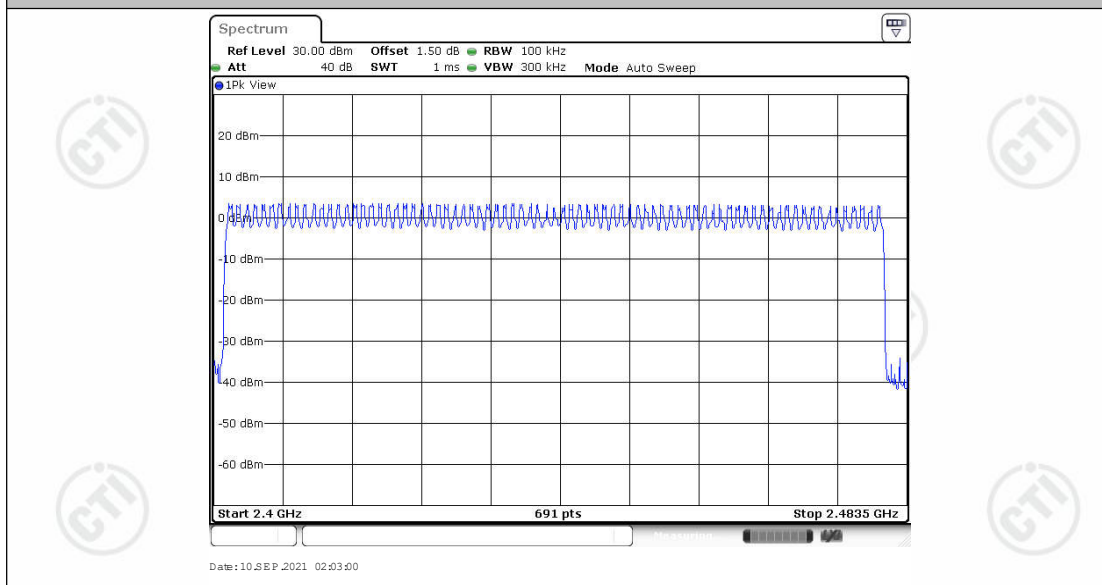
Appendix F: Number of hopping channels**Test Result**

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

Test Graphs



DH5_Ant1_Hop

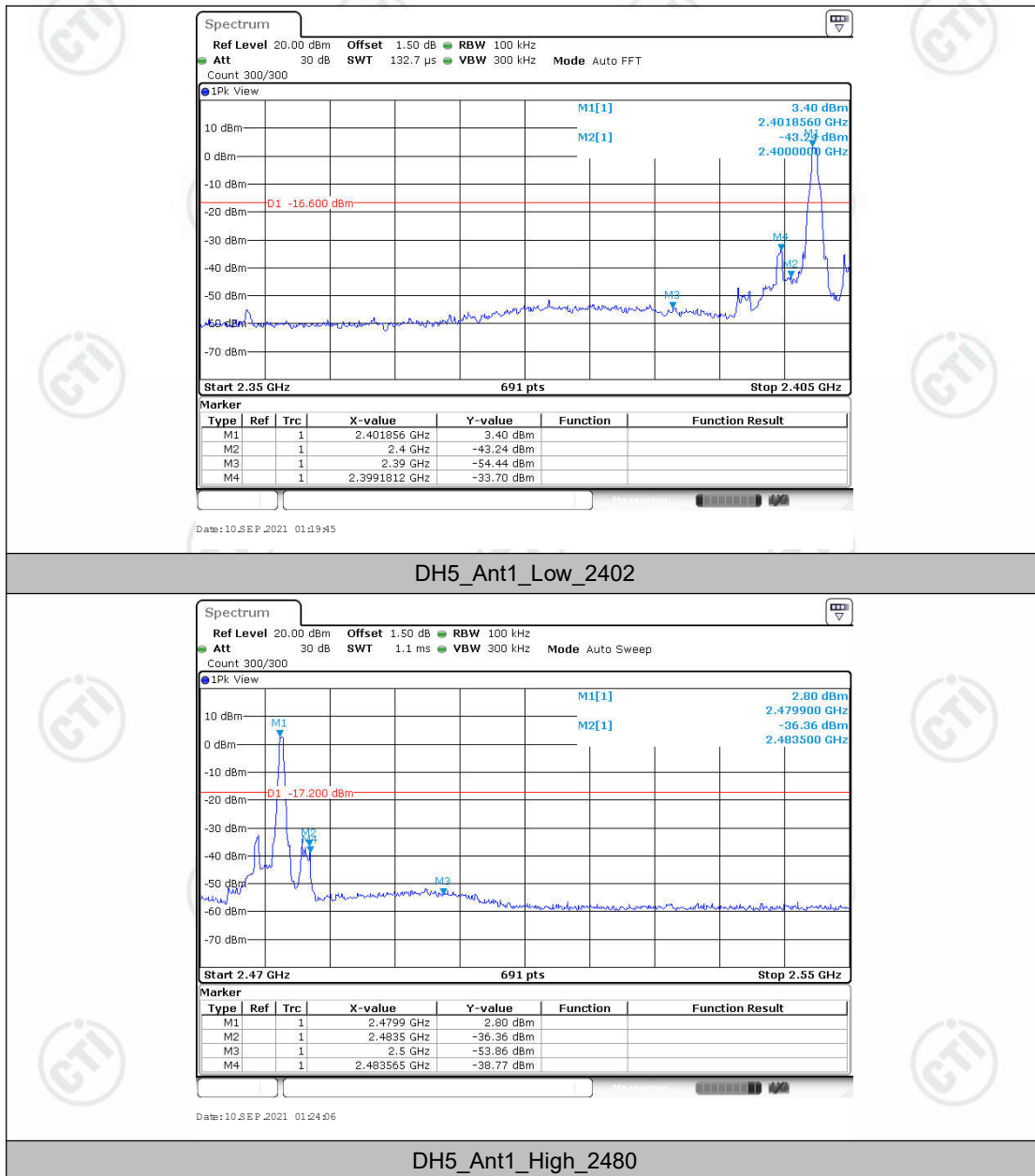


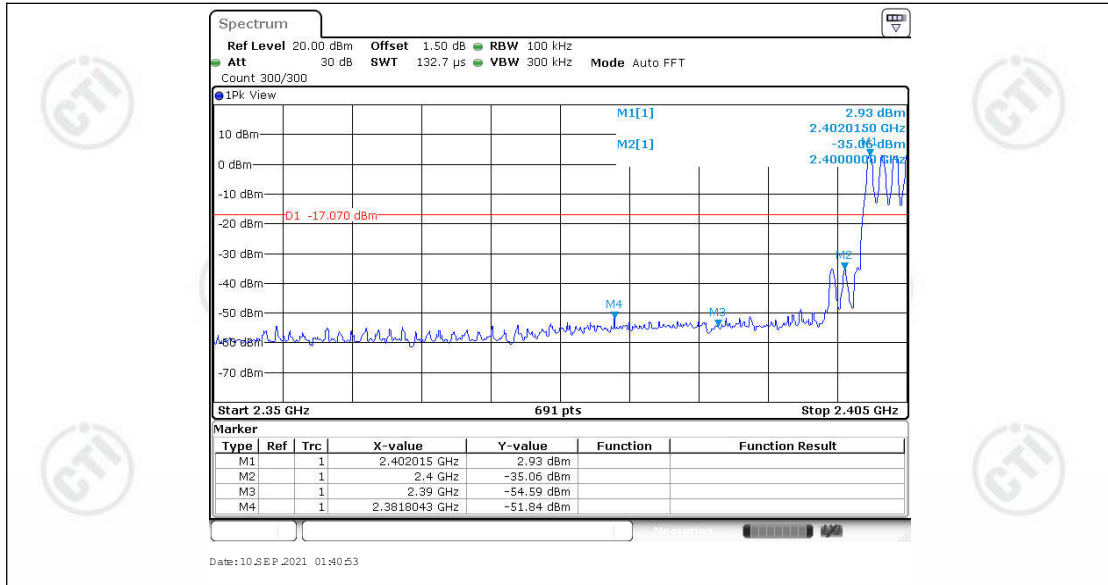
2DH5_Ant1_Hop

Appendix G: Band edge measurements**Test Result**

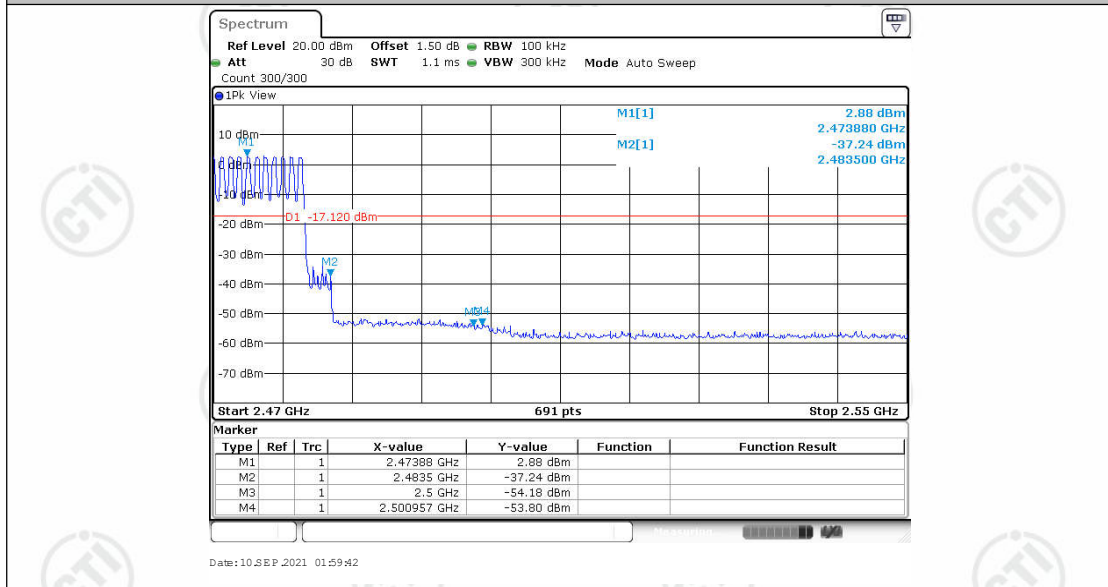
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.40	-33.7	<=-16.6	PASS
		High	2480	2.80	-38.77	<=-17.2	PASS
		Low	Hop_2402	2.93	-51.84	<=-17.07	PASS
		High	Hop_2480	2.88	-53.8	<=-17.12	PASS
2DH5	Ant1	Low	2402	3.42	-34.49	<=-16.58	PASS
		High	2480	2.76	-38.51	<=-17.24	PASS
		Low	Hop_2402	2.67	-52.03	<=-17.33	PASS
		High	Hop_2480	2.87	-53.01	<=-17.13	PASS

Test Graphs

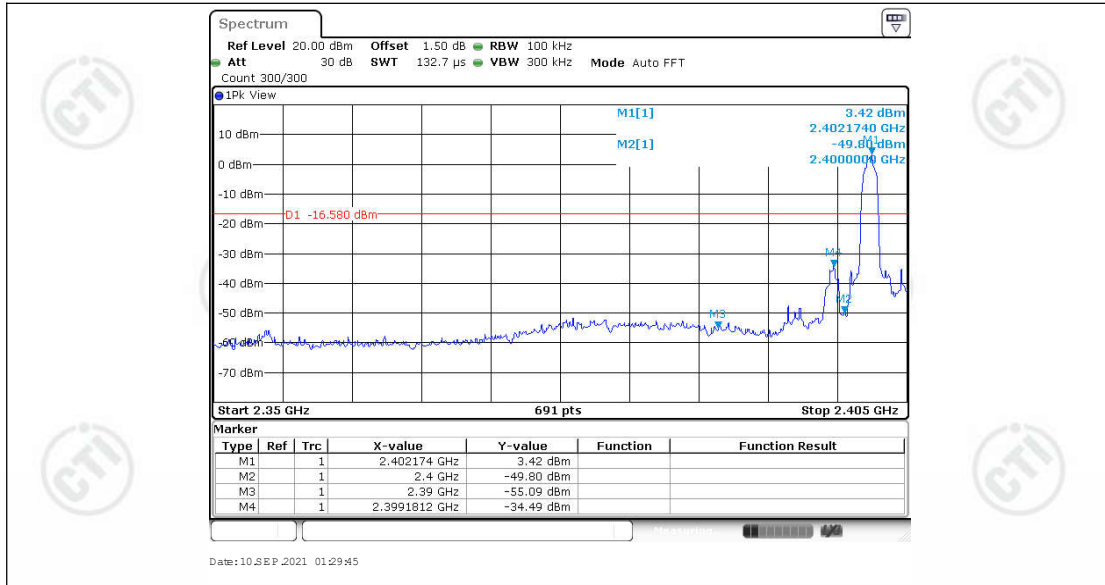




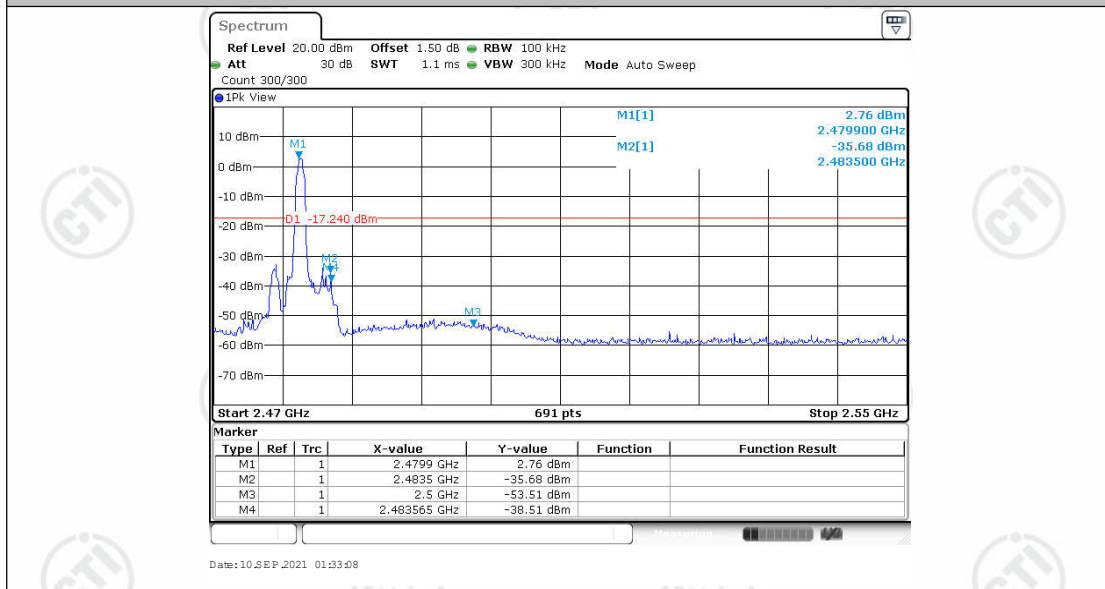
DH5_Ant1_Low_Hop_2402



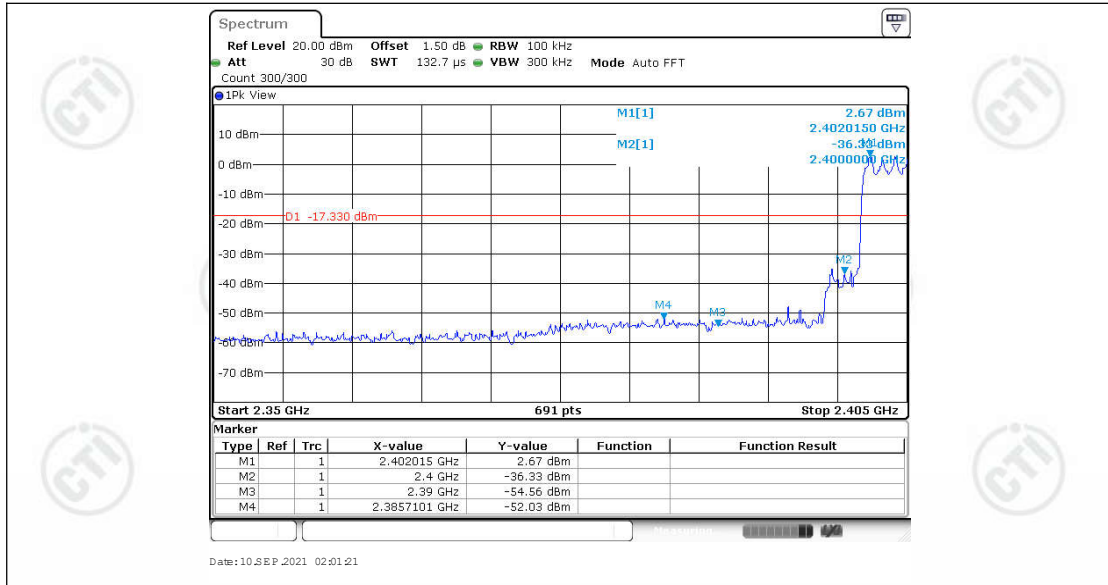
DH5_Ant1_High_Hop_2480



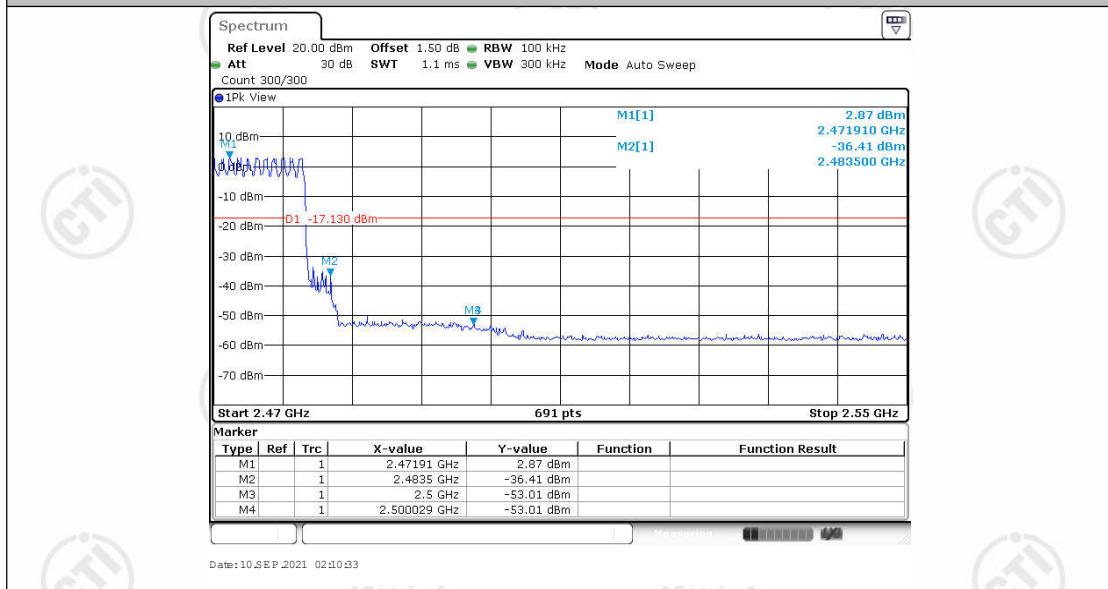
2DH5_Ant1_Low_2402



2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



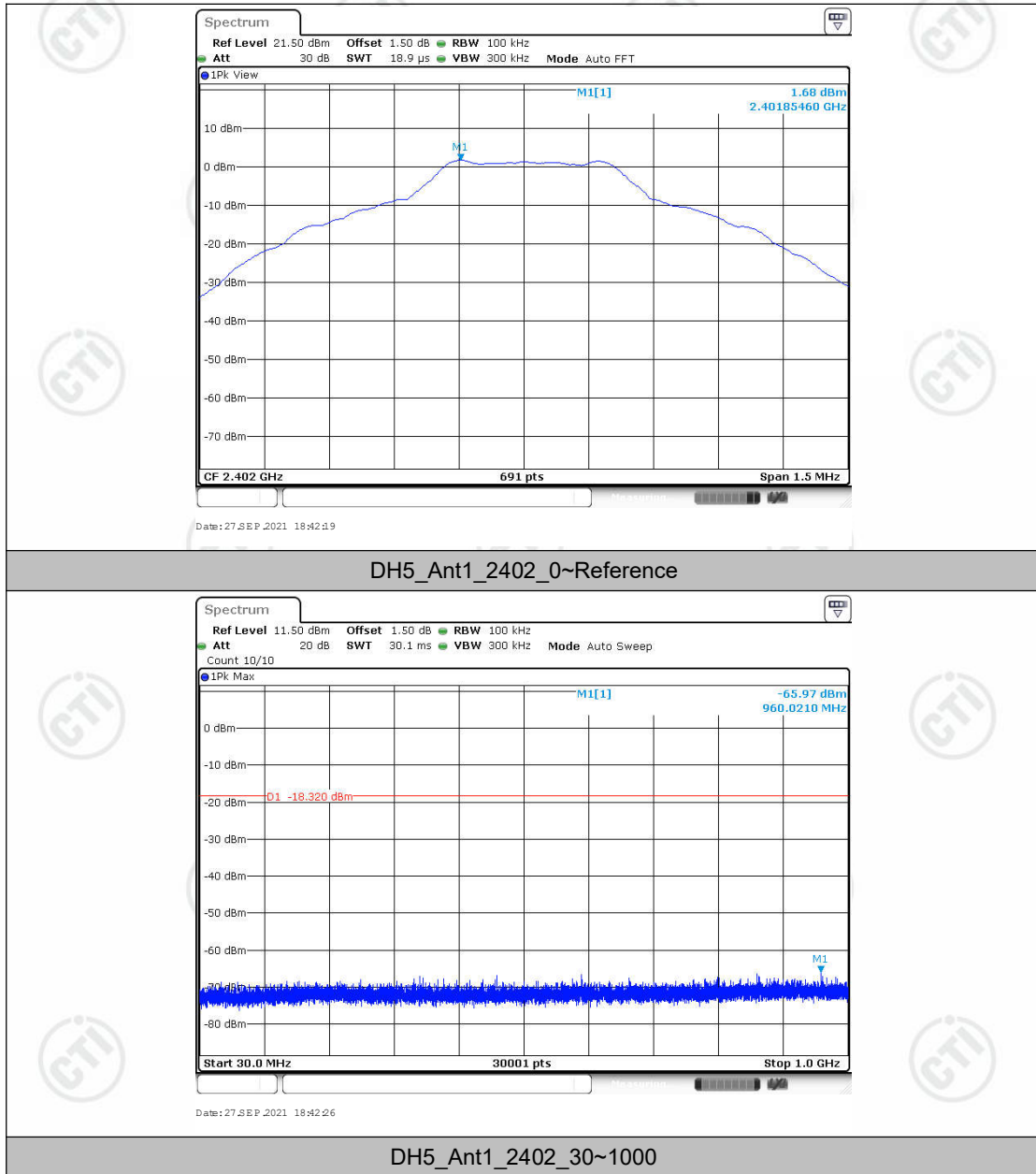
2DH5_Ant1_High_Hop_2480

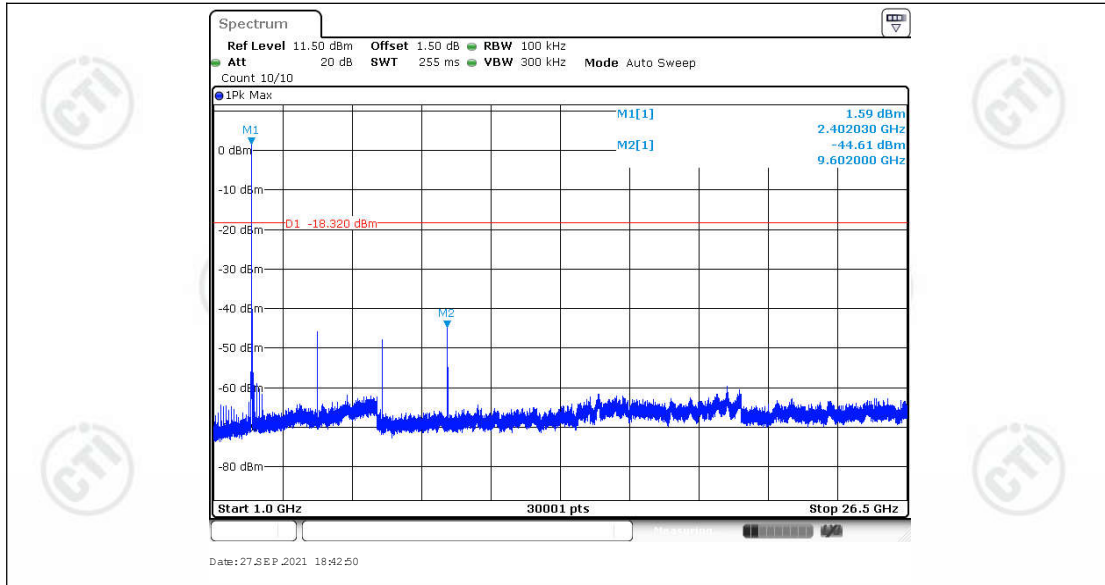
Appendix H: Conducted Spurious Emission

Test Result

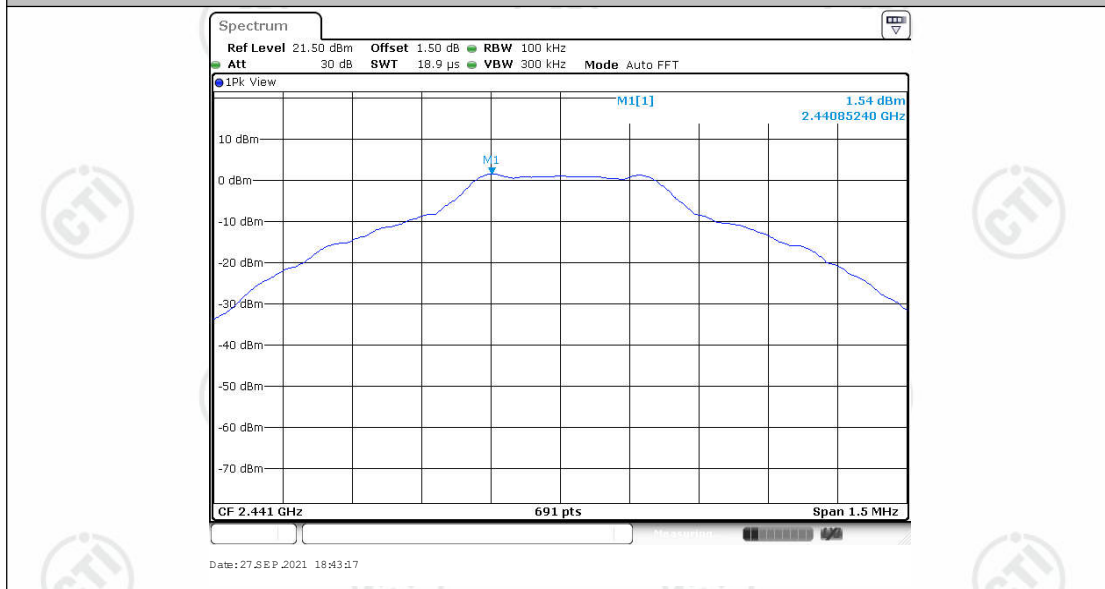
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.68	1.68	---	PASS
			30~1000	1.68	-65.97	<=-18.32	PASS
			1000~26500	1.68	-44.61	<=-18.32	PASS
		2441	Reference	1.54	1.54	---	PASS
			30~1000	1.54	-64.99	<=-18.46	PASS
			1000~26500	1.54	-42.47	<=-18.46	PASS
		2480	Reference	1.05	1.05	---	PASS
			30~1000	1.05	-65.15	<=-18.95	PASS
			1000~26500	1.05	-42.32	<=-18.95	PASS
2DH5	Ant1	2402	Reference	1.55	1.55	---	PASS
			30~1000	1.55	-65.78	<=-18.45	PASS
			1000~26500	1.55	-44.38	<=-18.45	PASS
		2441	Reference	1.45	1.45	---	PASS
			30~1000	1.45	-66.56	<=-18.55	PASS
			1000~26500	1.45	-42.31	<=-18.55	PASS
		2480	Reference	0.97	0.97	---	PASS
			30~1000	0.97	-66.55	<=-19.03	PASS
			1000~26500	0.97	-40.07	<=-19.03	PASS

Test Graphs

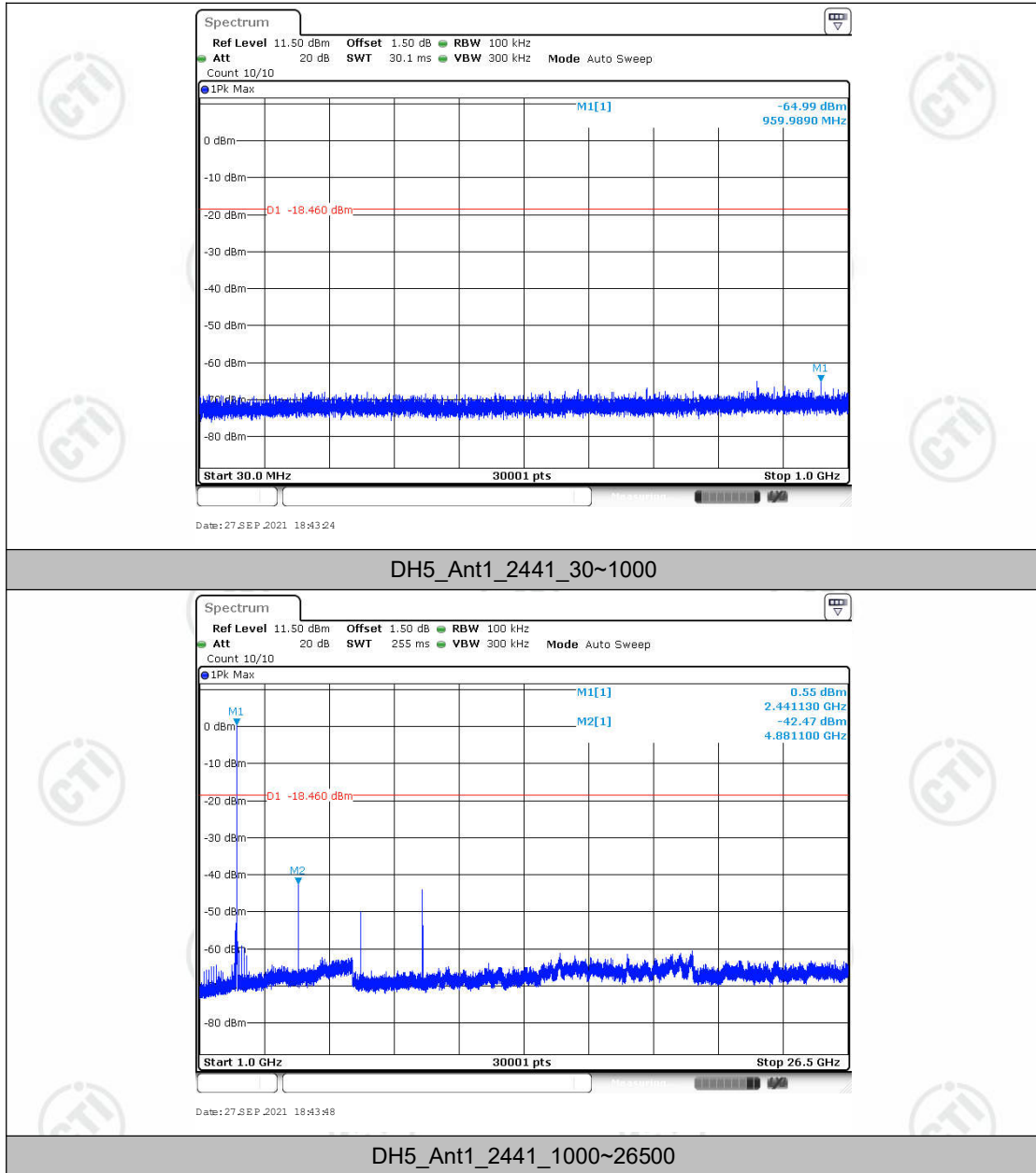


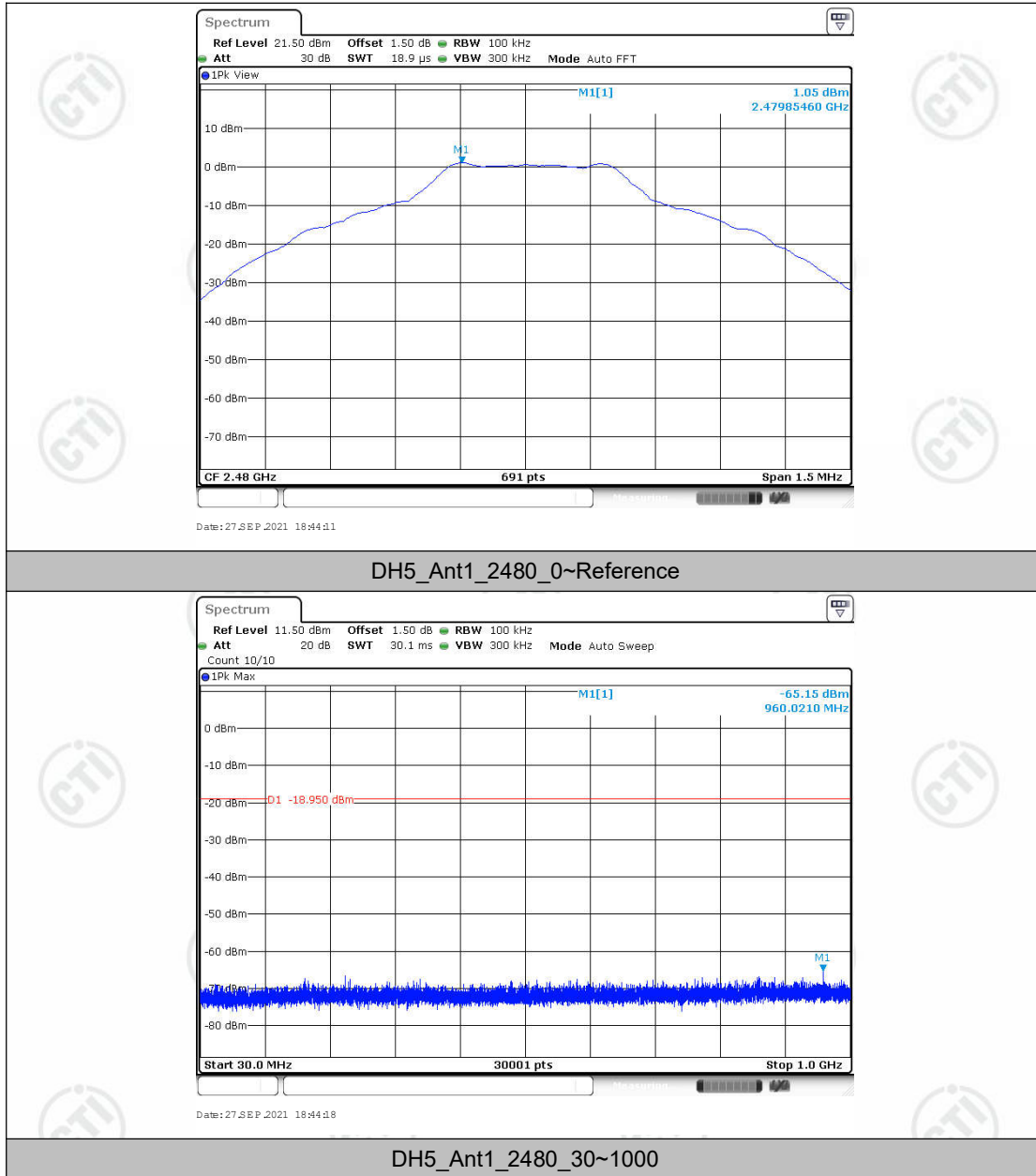


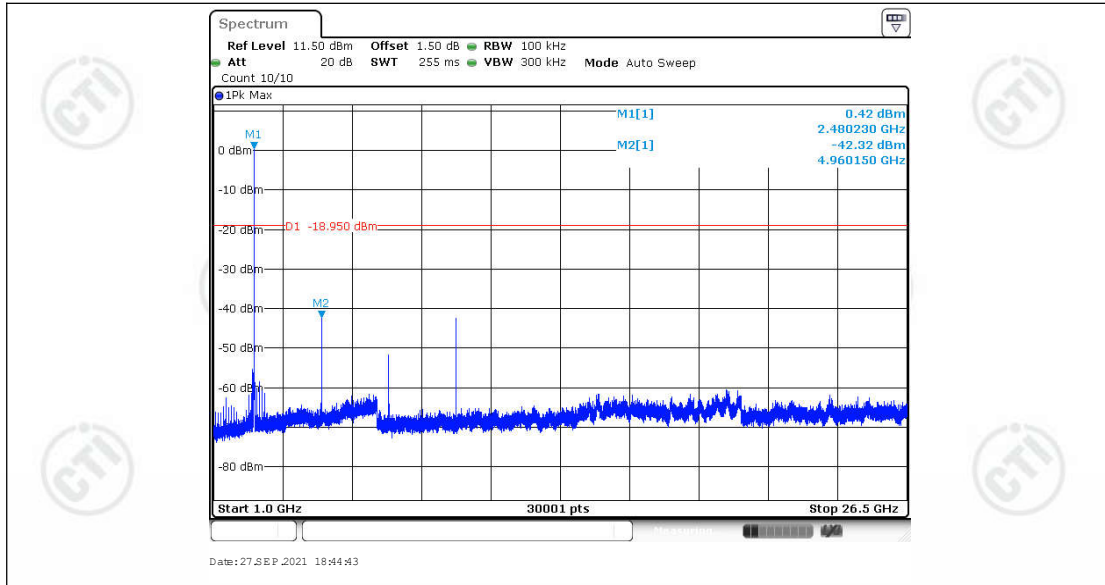
DH5_Ant1_2402_1000~26500



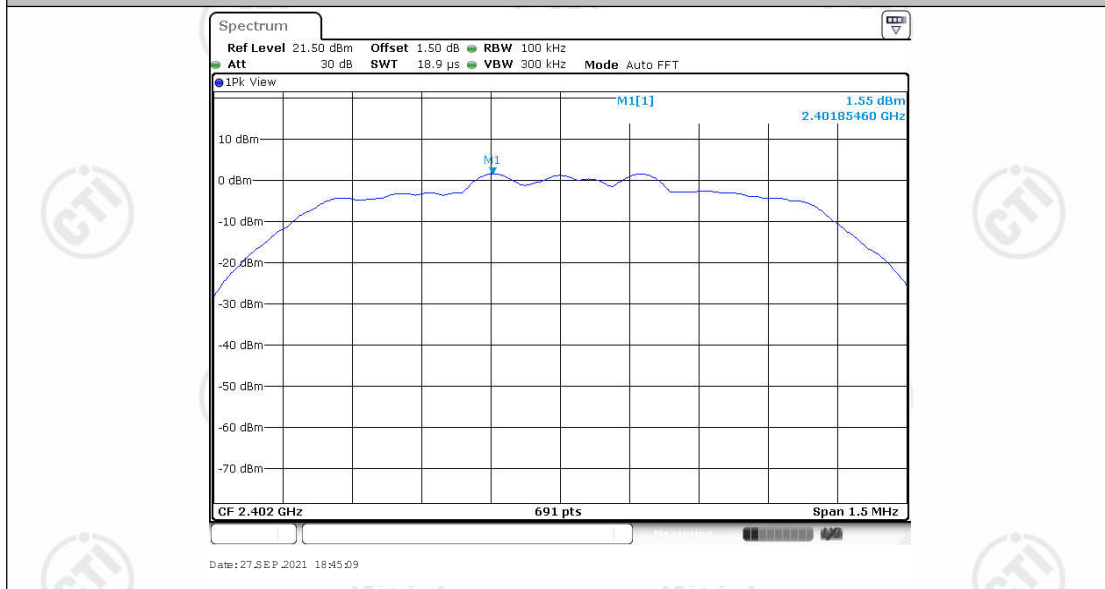
DH5_Ant1_2441_0~Reference



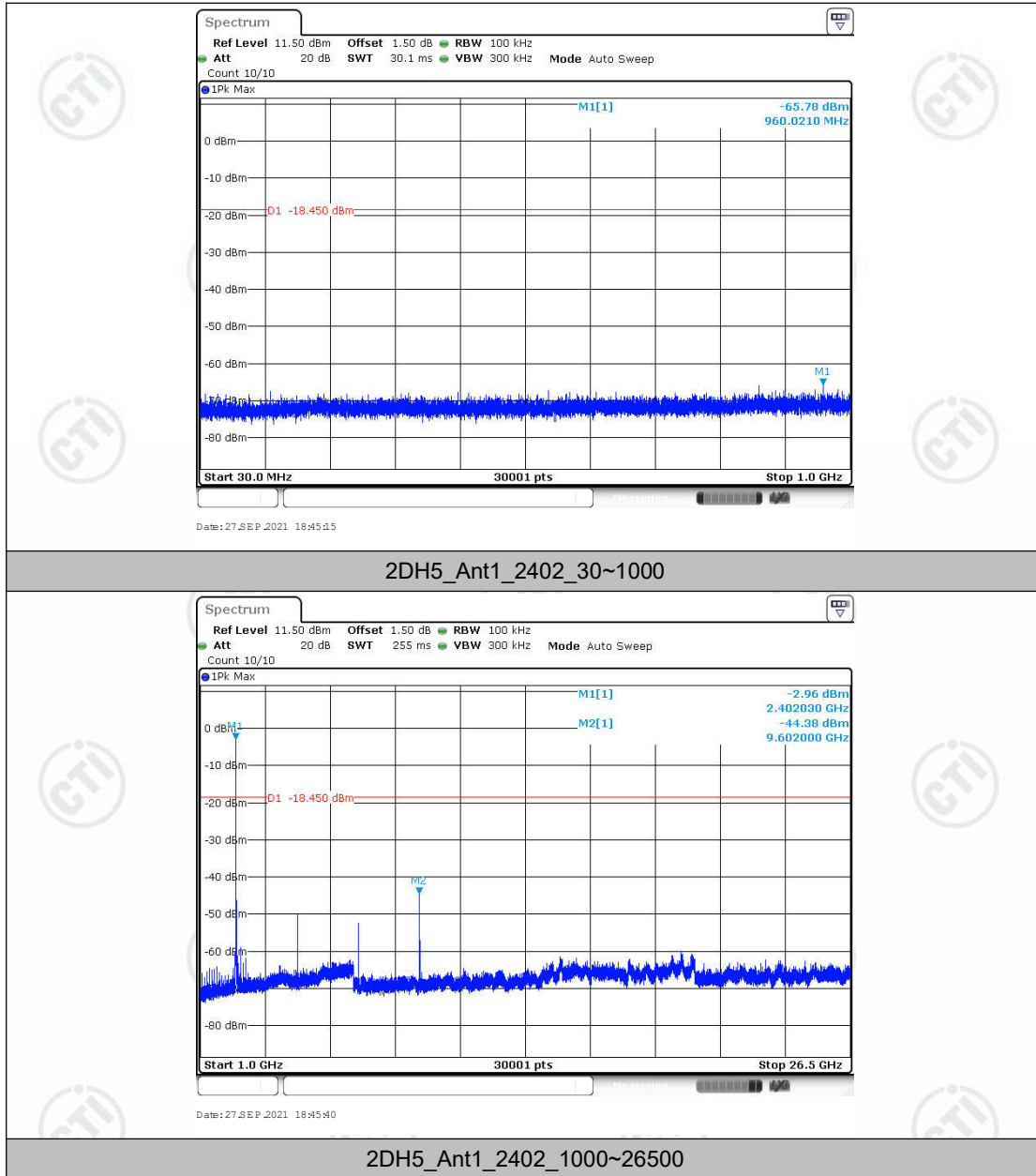


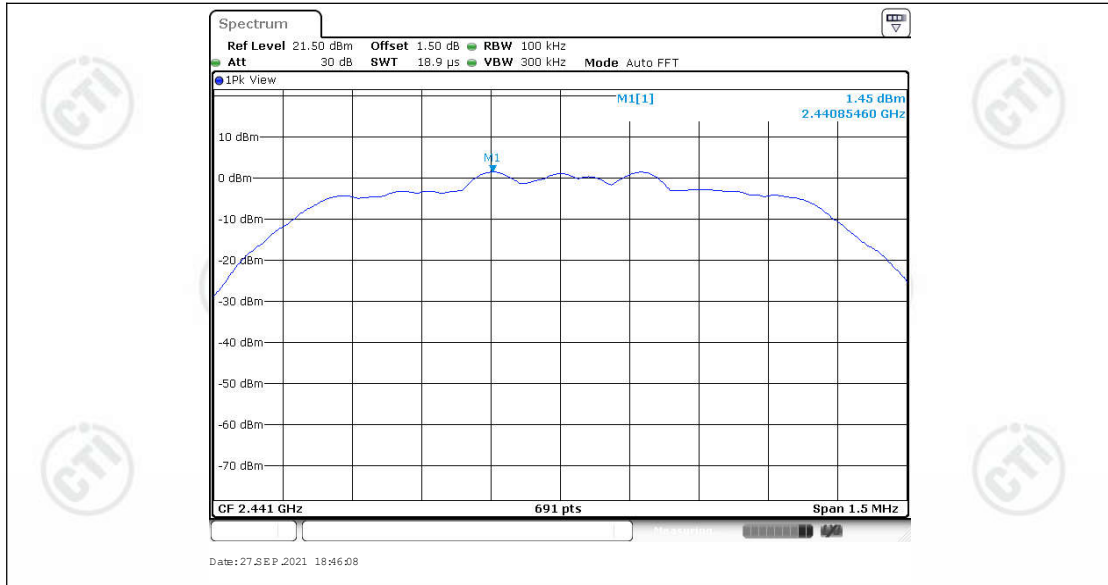


DH5_Ant1_2480_1000~26500

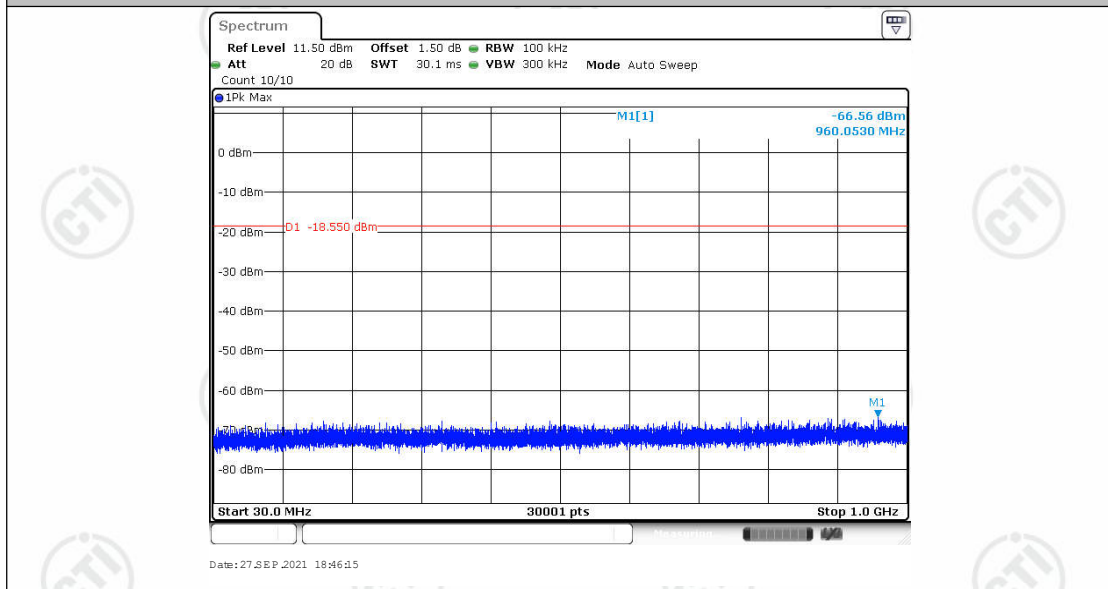


2DH5_Ant1_2402_0~Reference

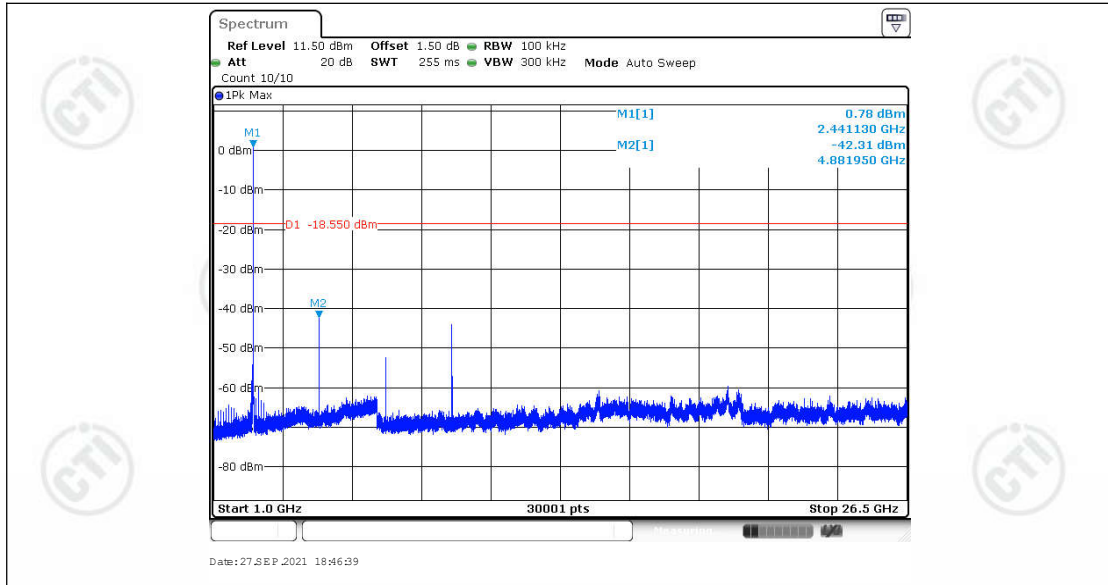




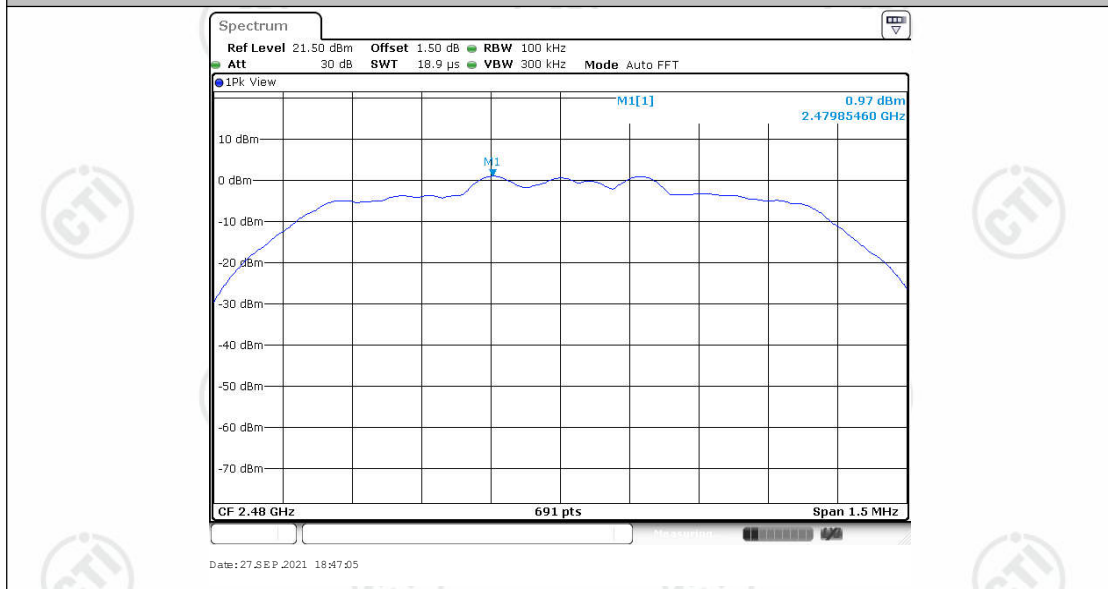
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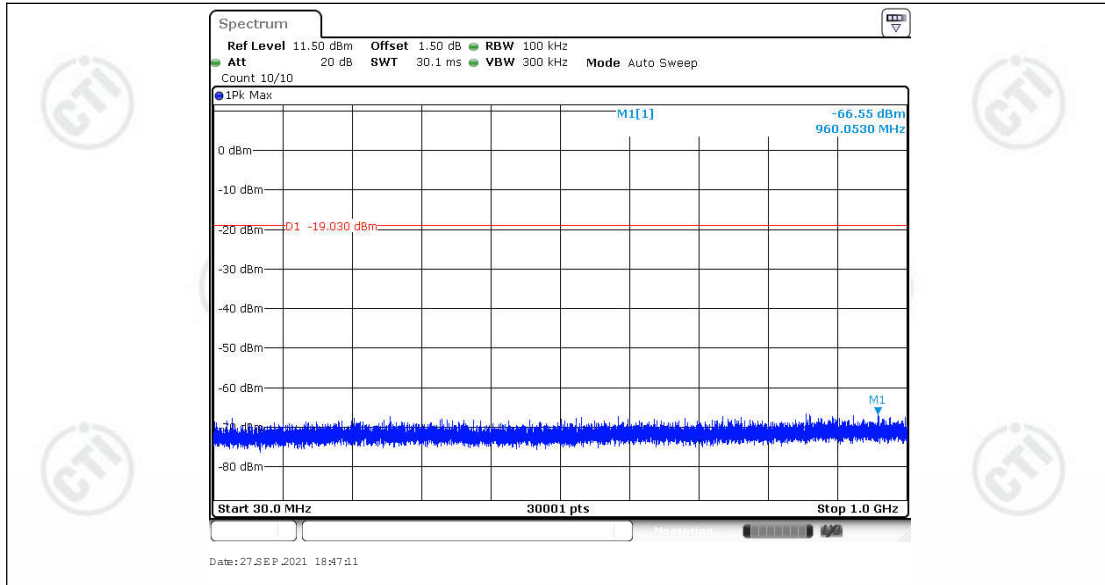
2DH5_Ant1_2441_30~1000



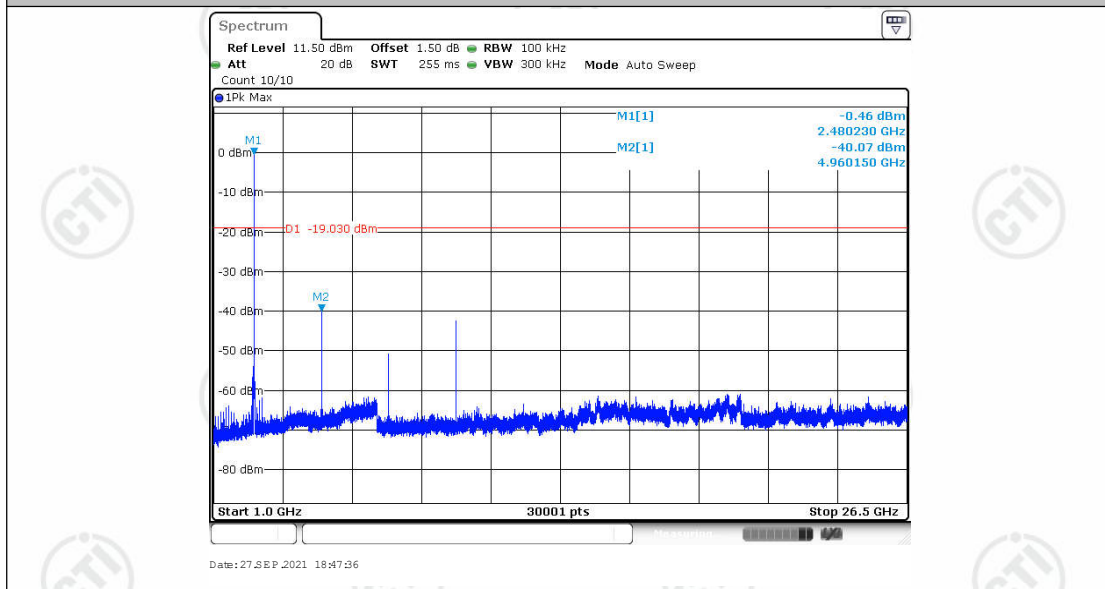
2DH5_Ant1_2441_1000~26500



2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000

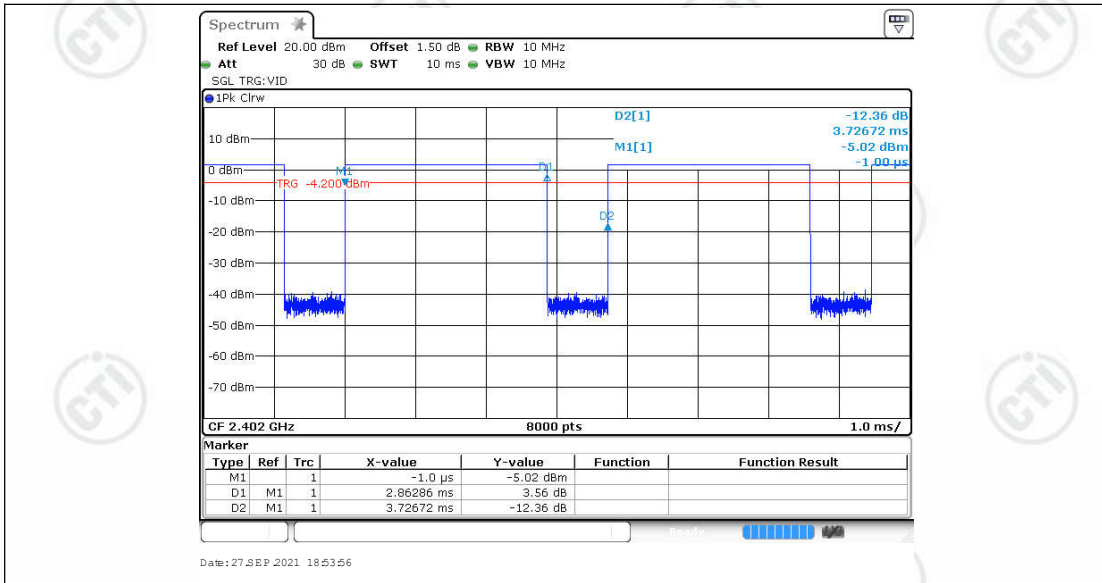


2DH5_Ant1_2480_1000~26500

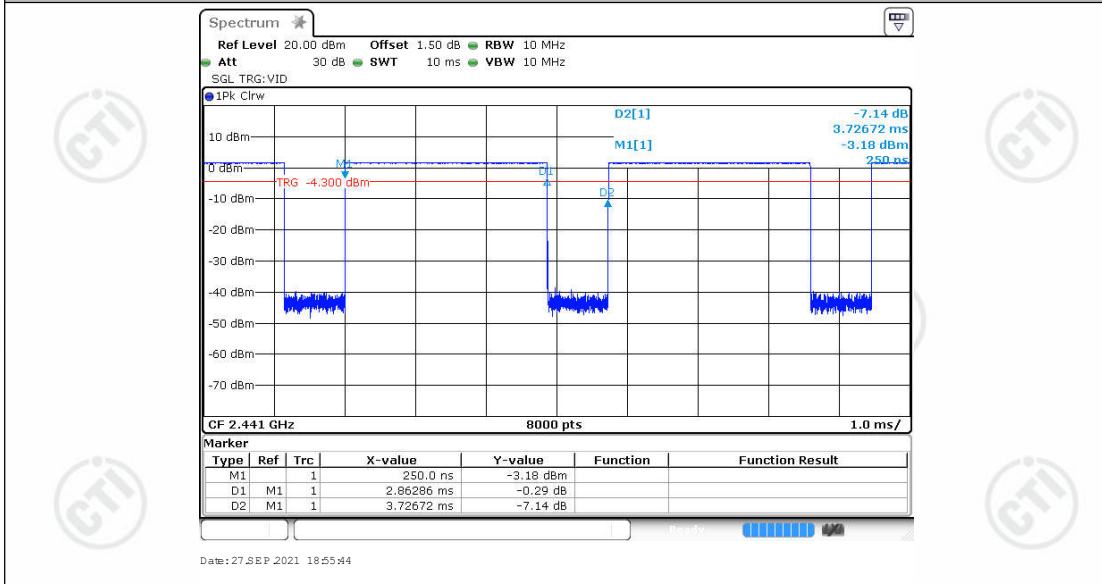
Appendix I: Duty Cycle**Test Result**

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	2.87	3.73	76.94	---	PASS
		2441	2.87	3.73	76.94	---	PASS
		2480	2.87	3.73	76.94	---	PASS

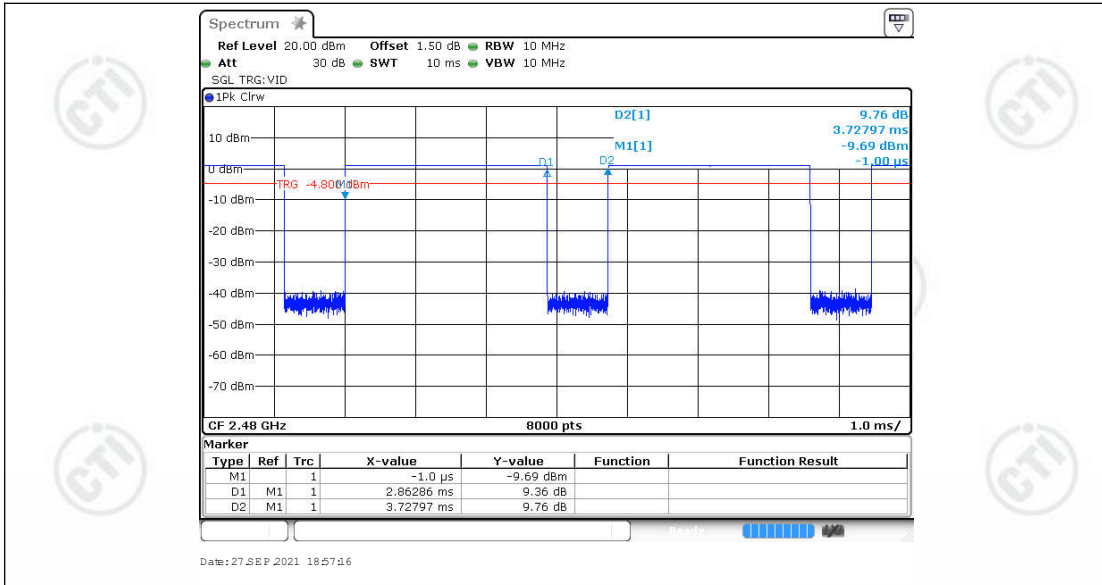
Test Graphs



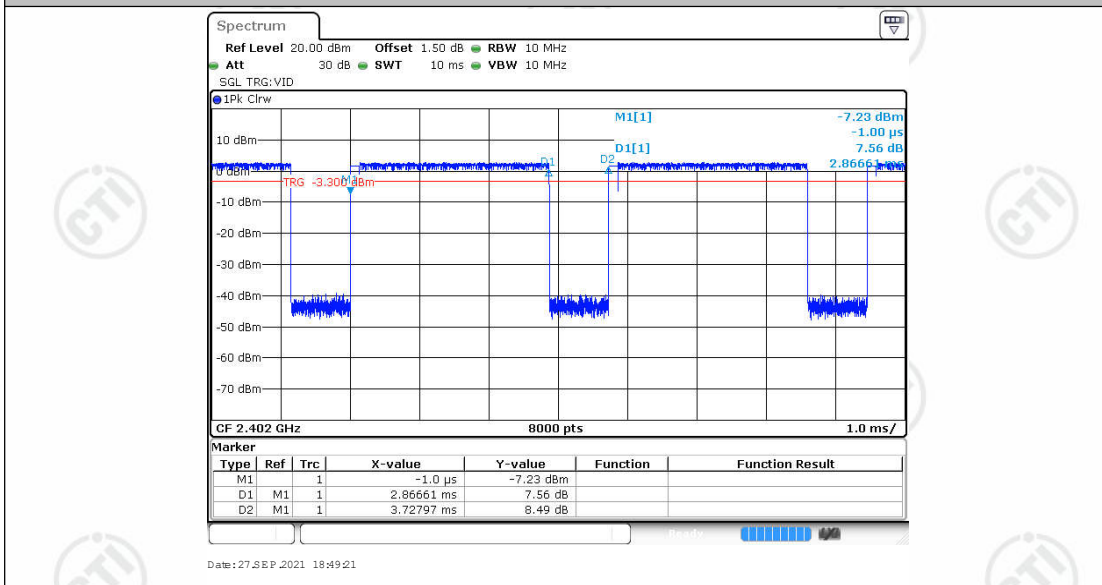
DH5_Ant1_2402



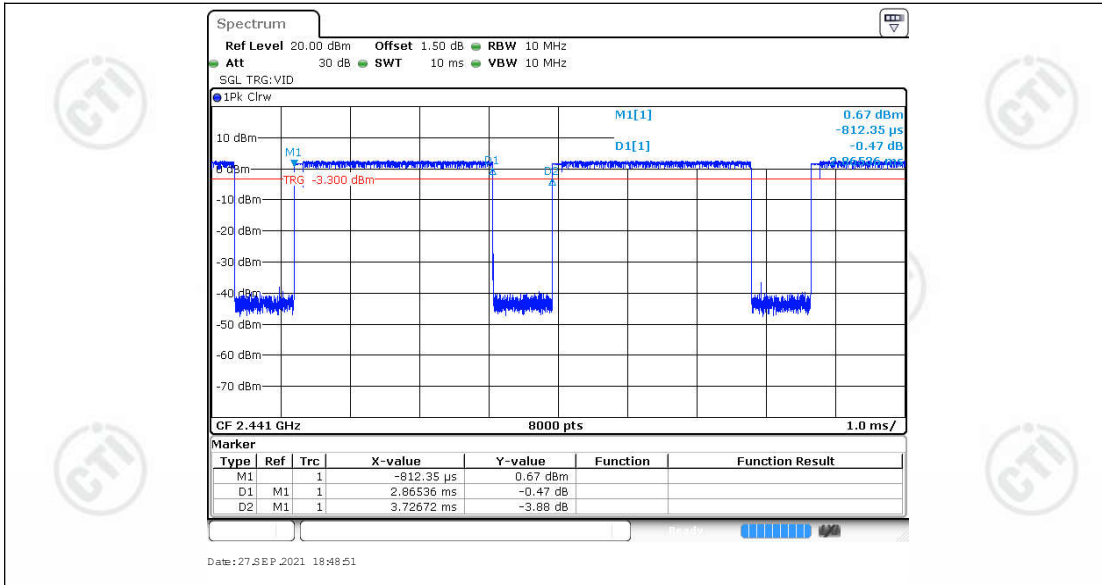
DH5_Ant1_2441



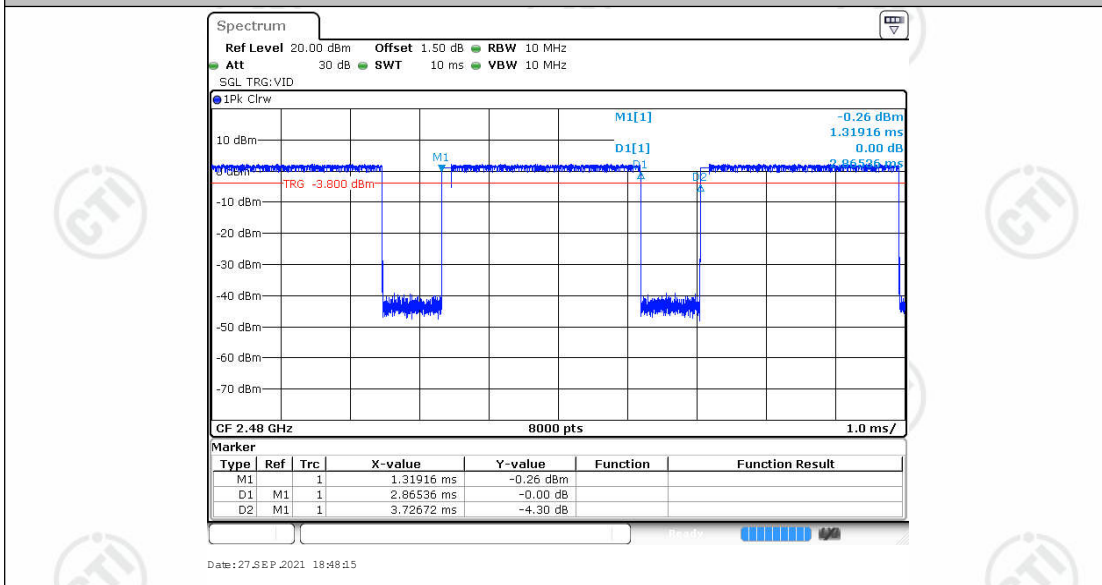
DH5_Ant1_2480



2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480

*** End of Report ***