

Appendix: Bluetooth Classic

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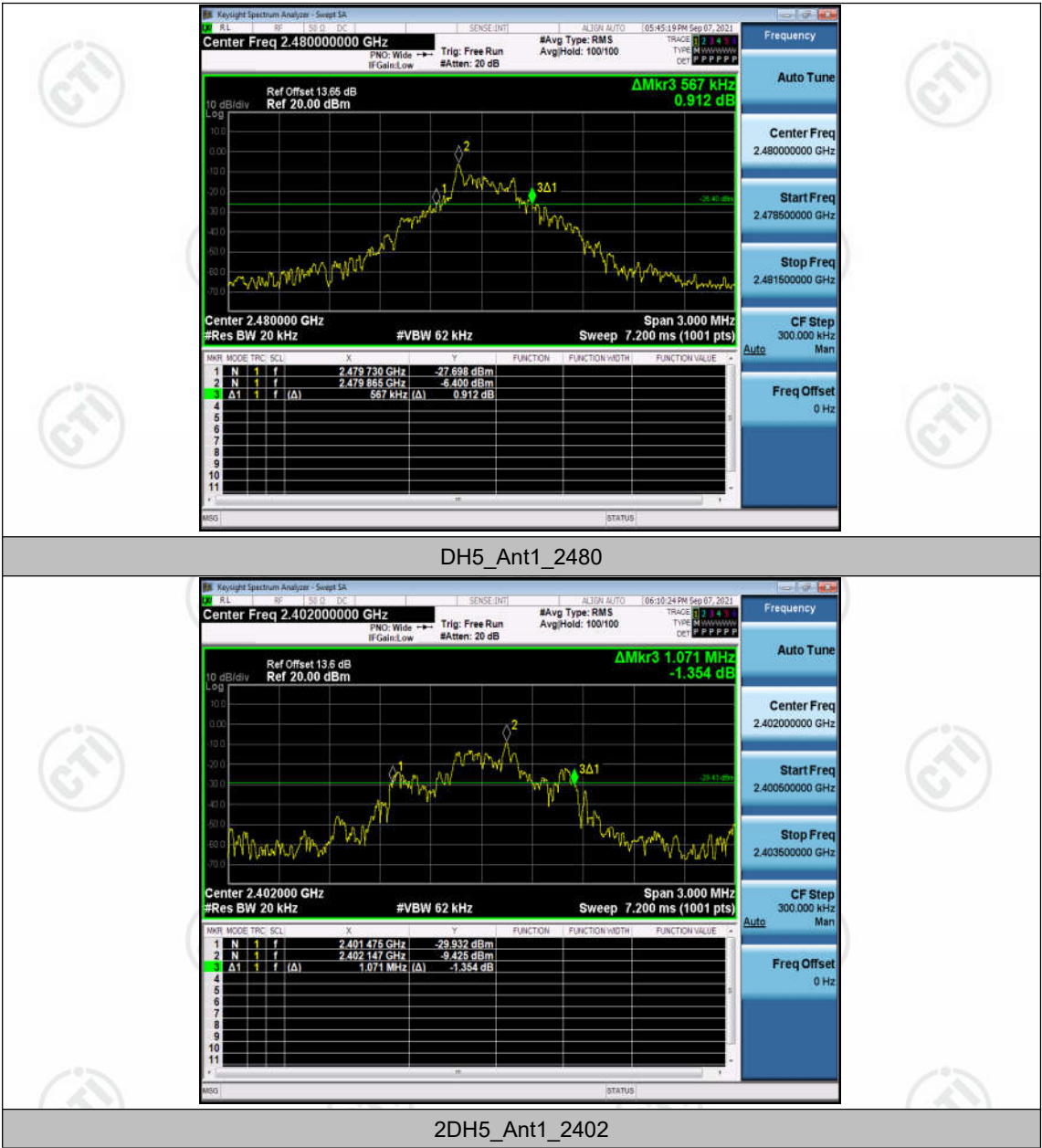
Appendix A: 20dBEmission Bandwidth

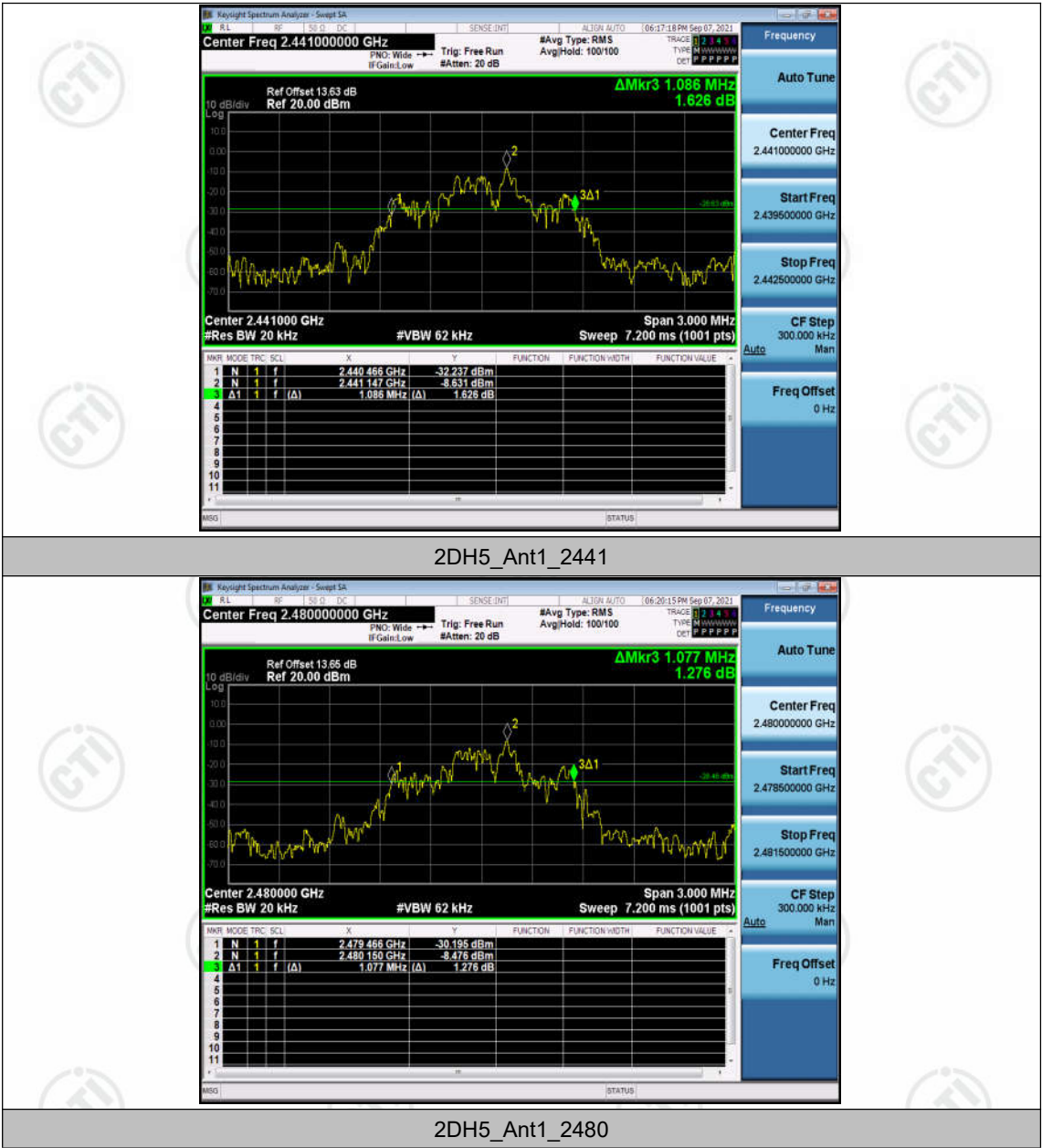
Test Result

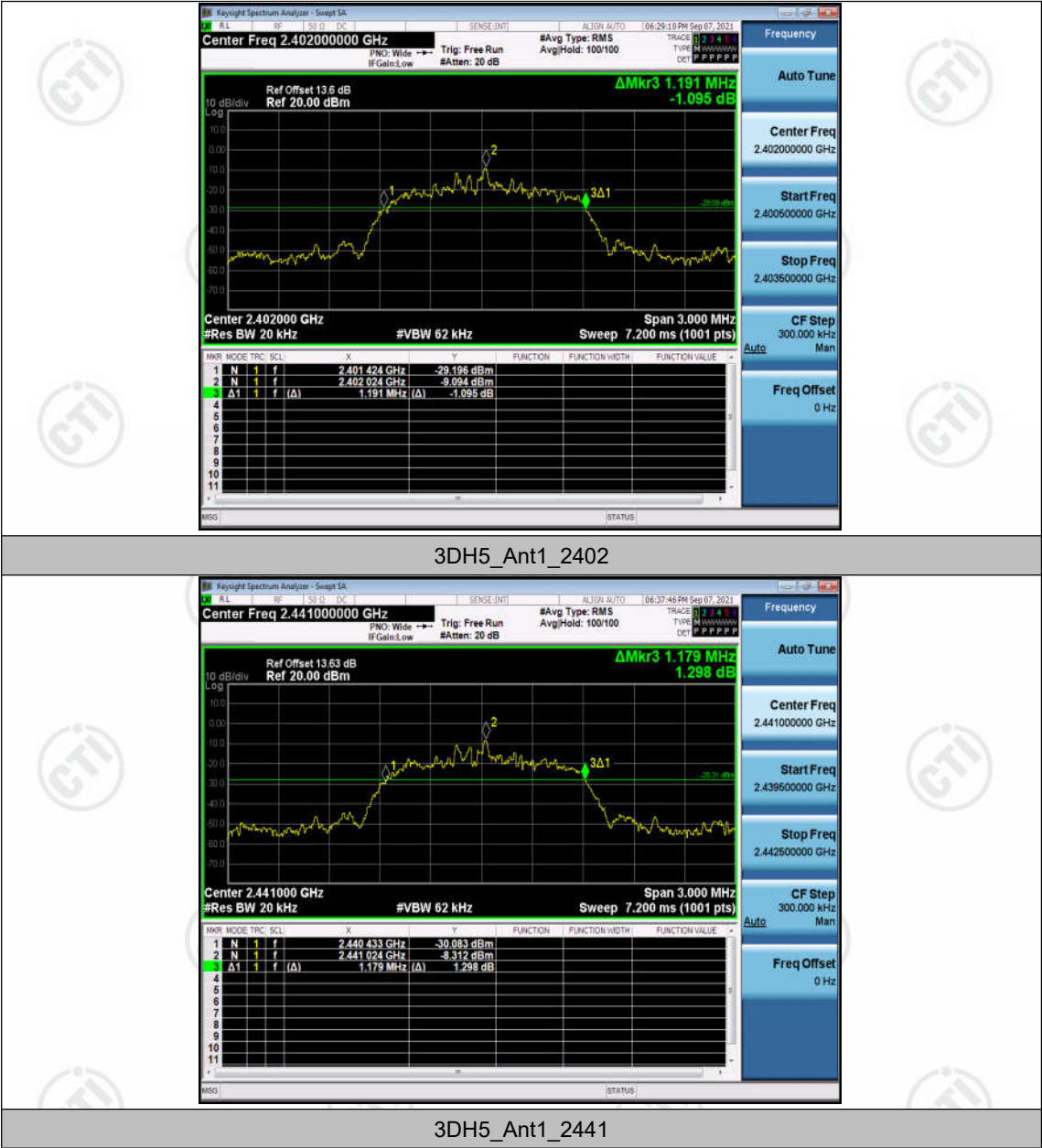
Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.561	2401.736	2402.297	---	PASS
		2441	0.630	2440.667	2441.297	---	PASS
		2480	0.567	2479.730	2480.297	---	PASS
2DH5	Ant1	2402	1.071	2401.475	2402.546	---	PASS
		2441	1.086	2440.466	2441.552	---	PASS
		2480	1.077	2479.466	2480.543	---	PASS
3DH5	Ant1	2402	1.191	2401.424	2402.615	---	PASS
		2441	1.179	2440.433	2441.612	---	PASS
		2480	1.191	2479.424	2480.615	---	PASS

Test Graphs









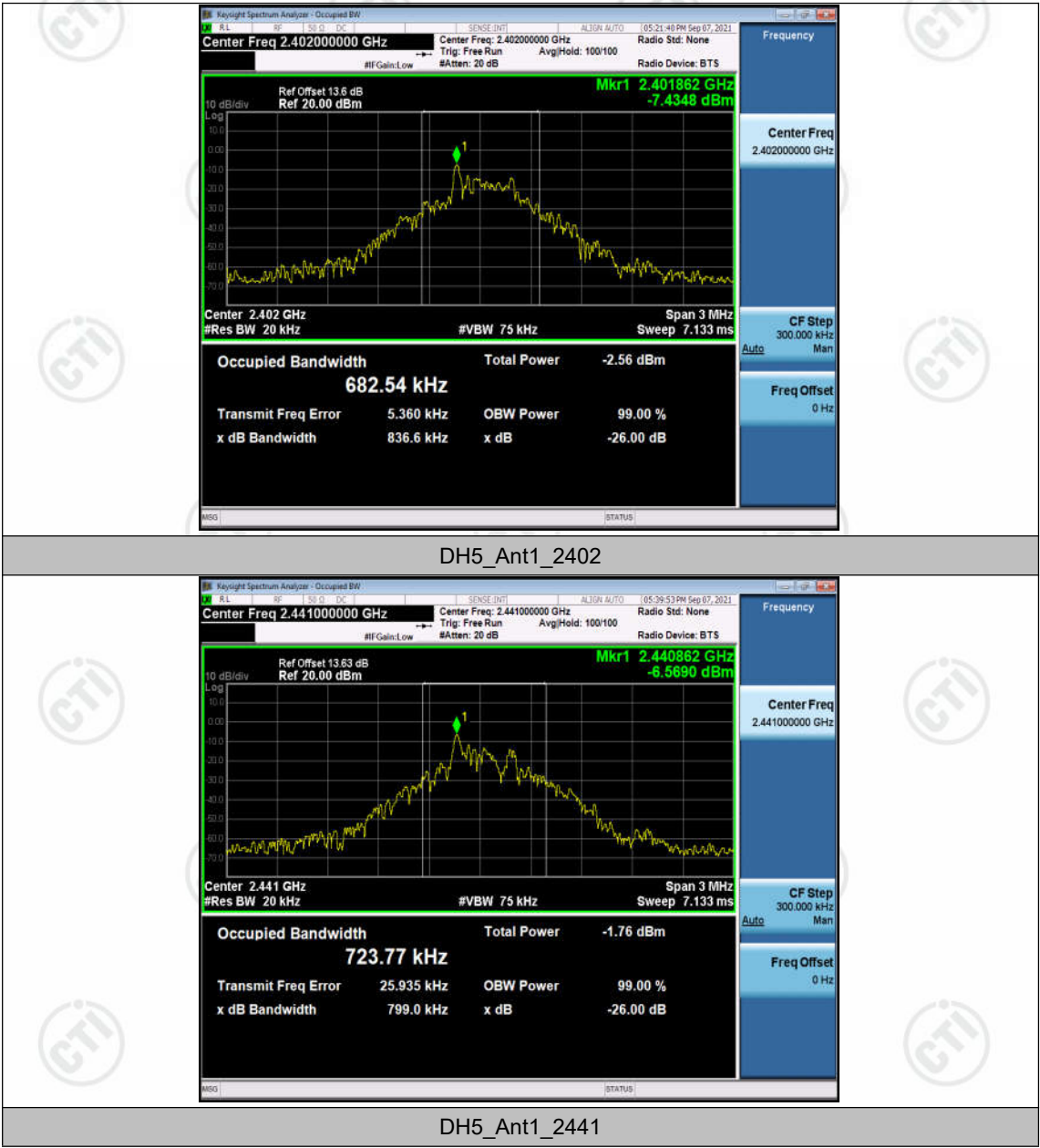


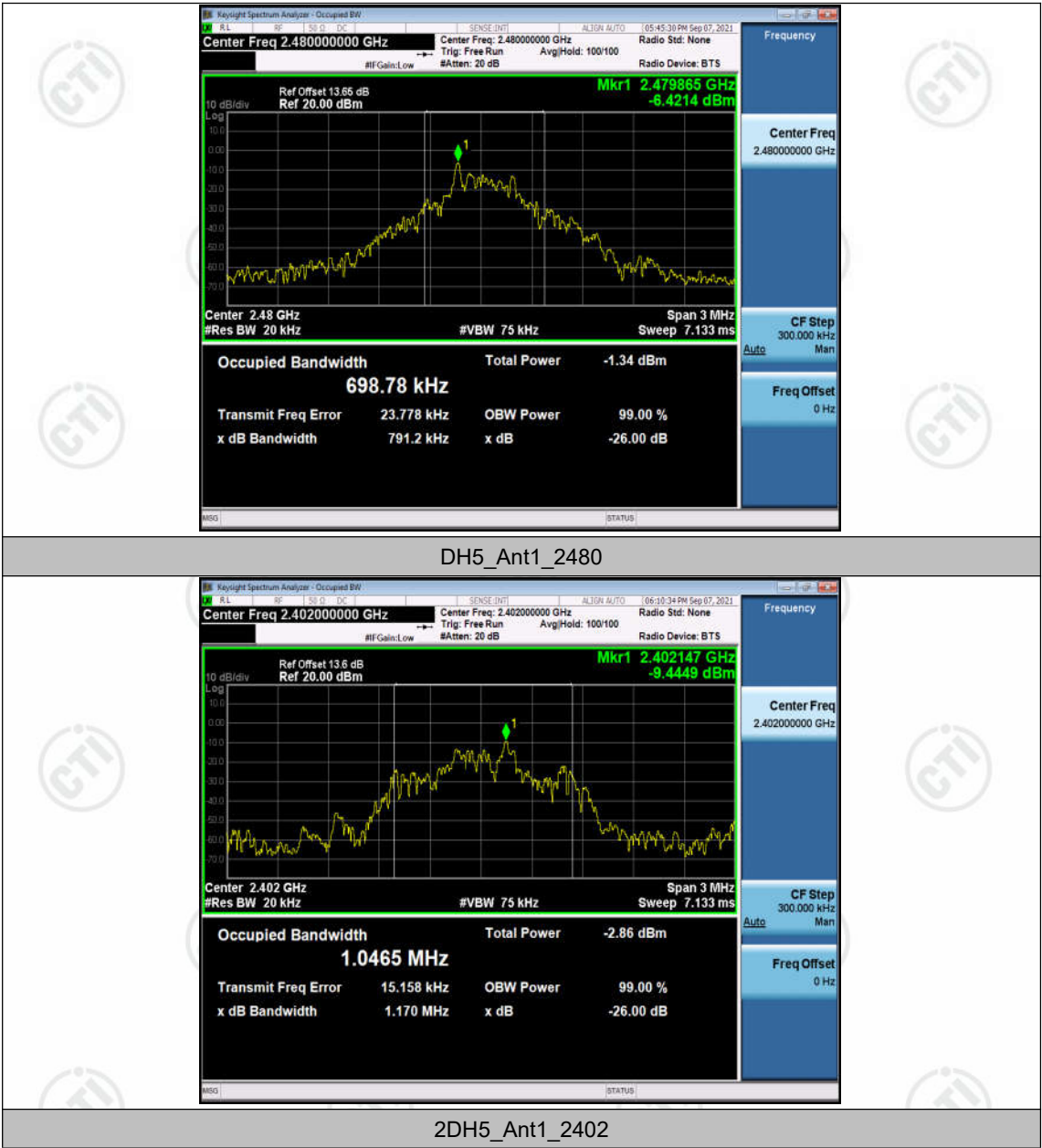
Appendix B: Occupied Channel Bandwidth

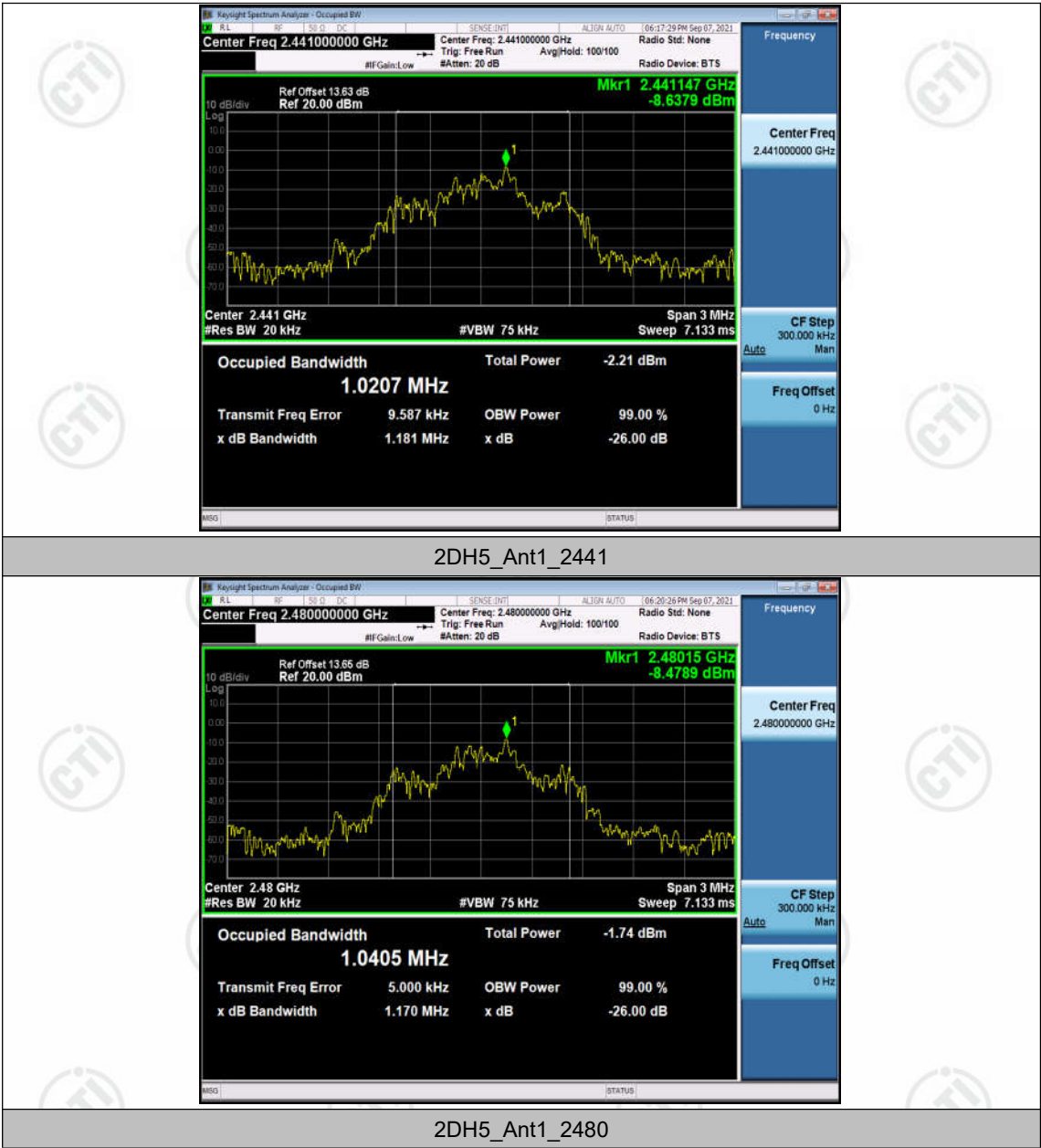
Test Result

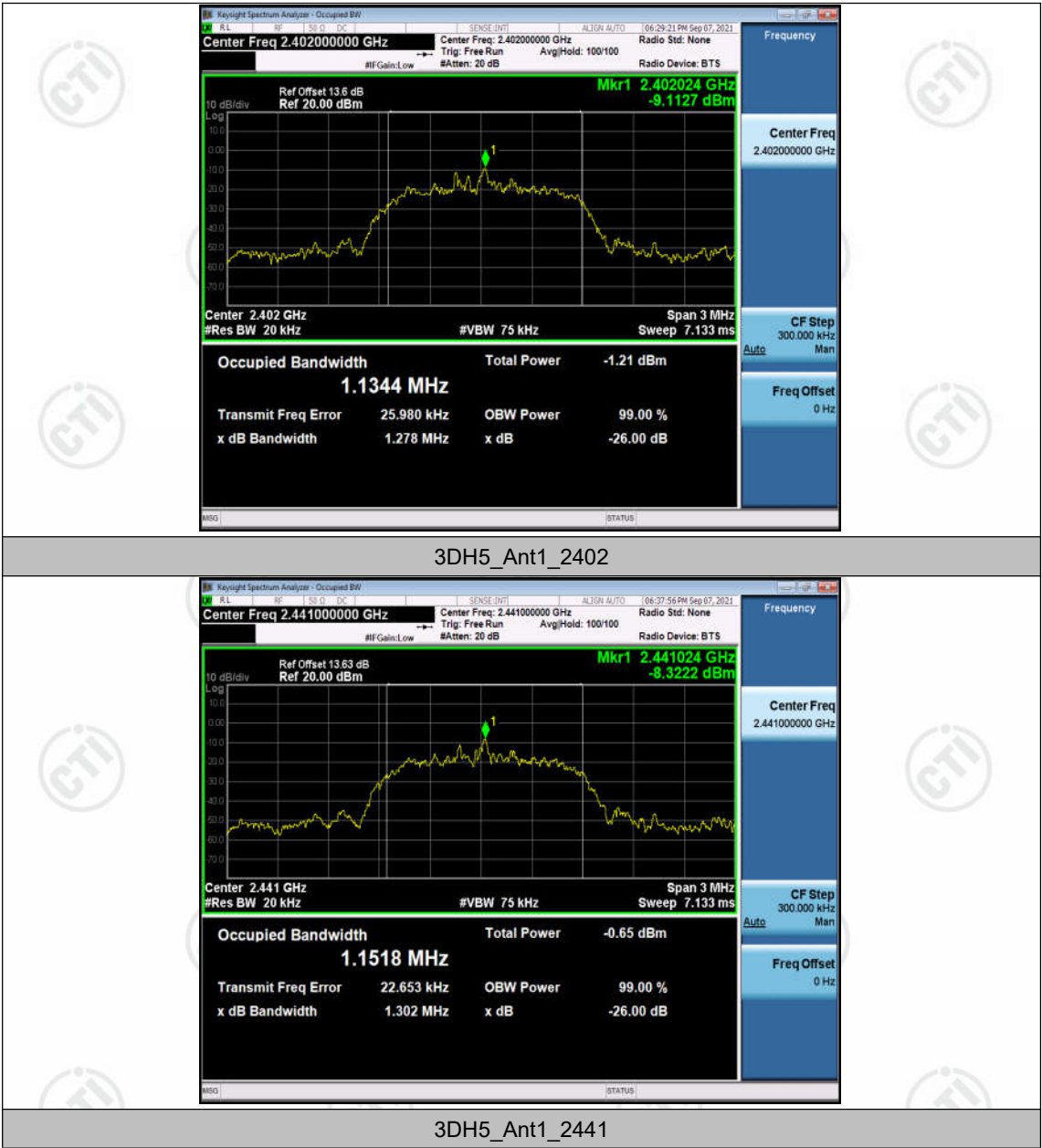
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.68254	2401.664	2402.347	---	PASS
		2441	0.72377	2440.664	2441.388	---	PASS
		2480	0.69878	2479.674	2480.373	---	PASS
2DH5	Ant1	2402	1.0465	2401.492	2402.538	---	PASS
		2441	1.0207	2440.499	2441.520	---	PASS
		2480	1.0405	2479.485	2480.525	---	PASS
3DH5	Ant1	2402	1.1344	2401.459	2402.593	---	PASS
		2441	1.1518	2440.447	2441.599	---	PASS
		2480	1.1439	2479.451	2480.595	---	PASS

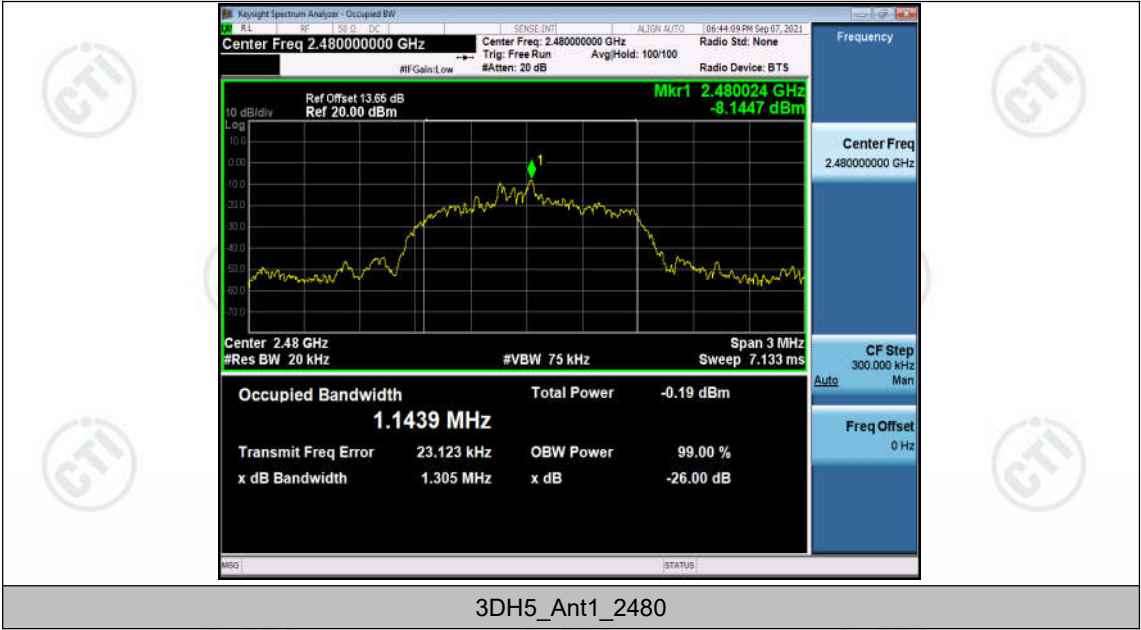
Test Graphs









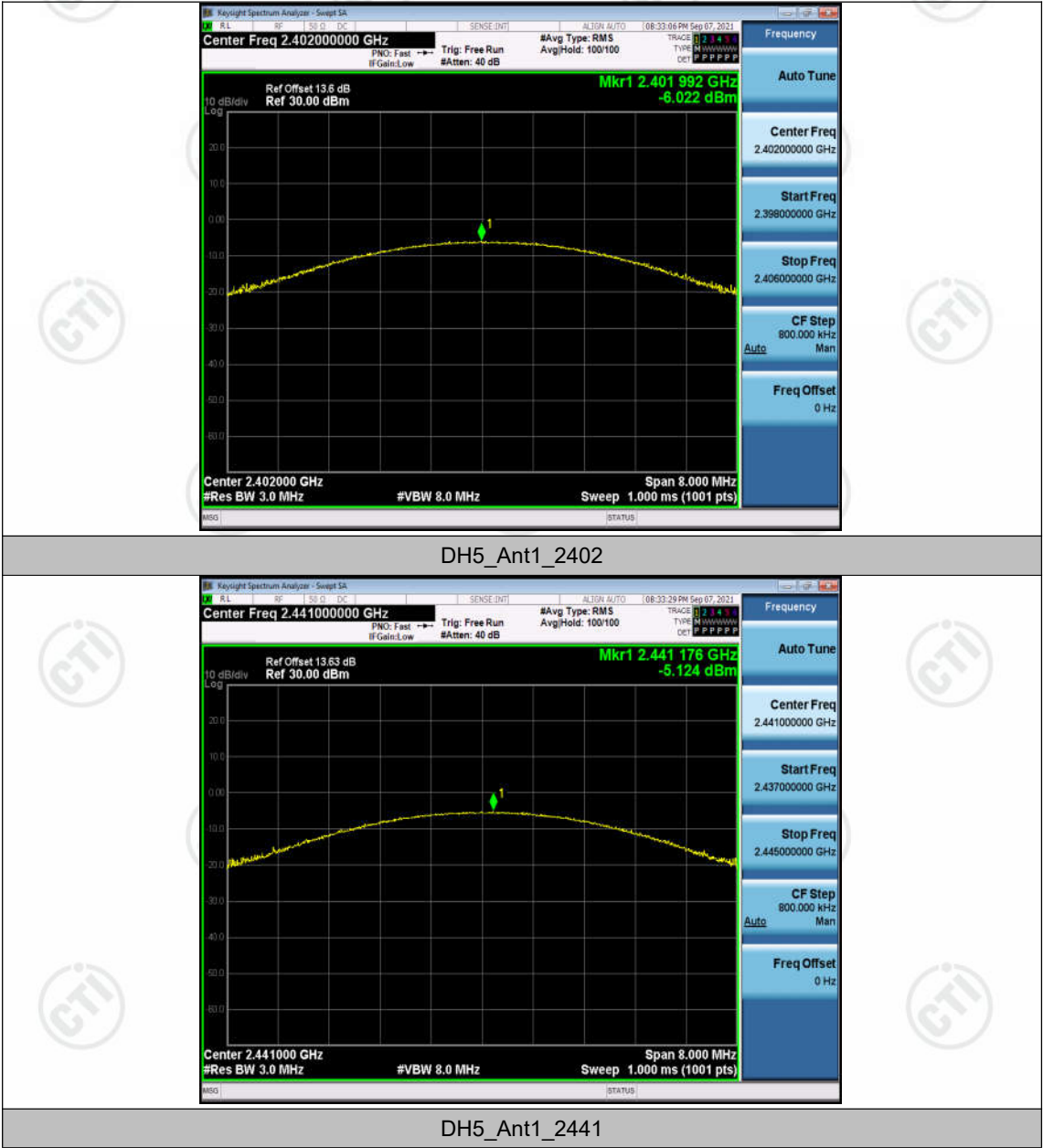


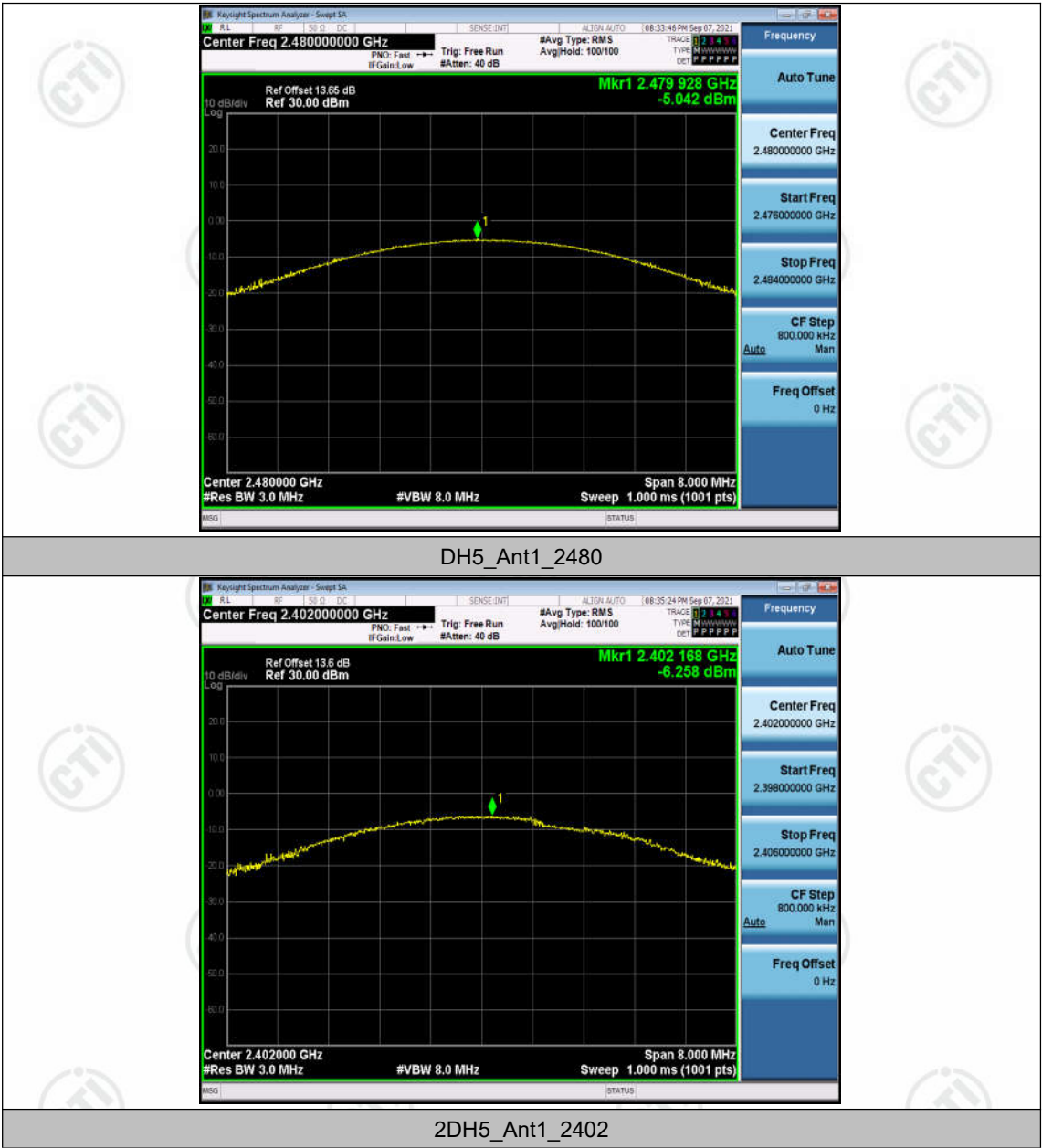
Appendix C: Maximum conducted output power

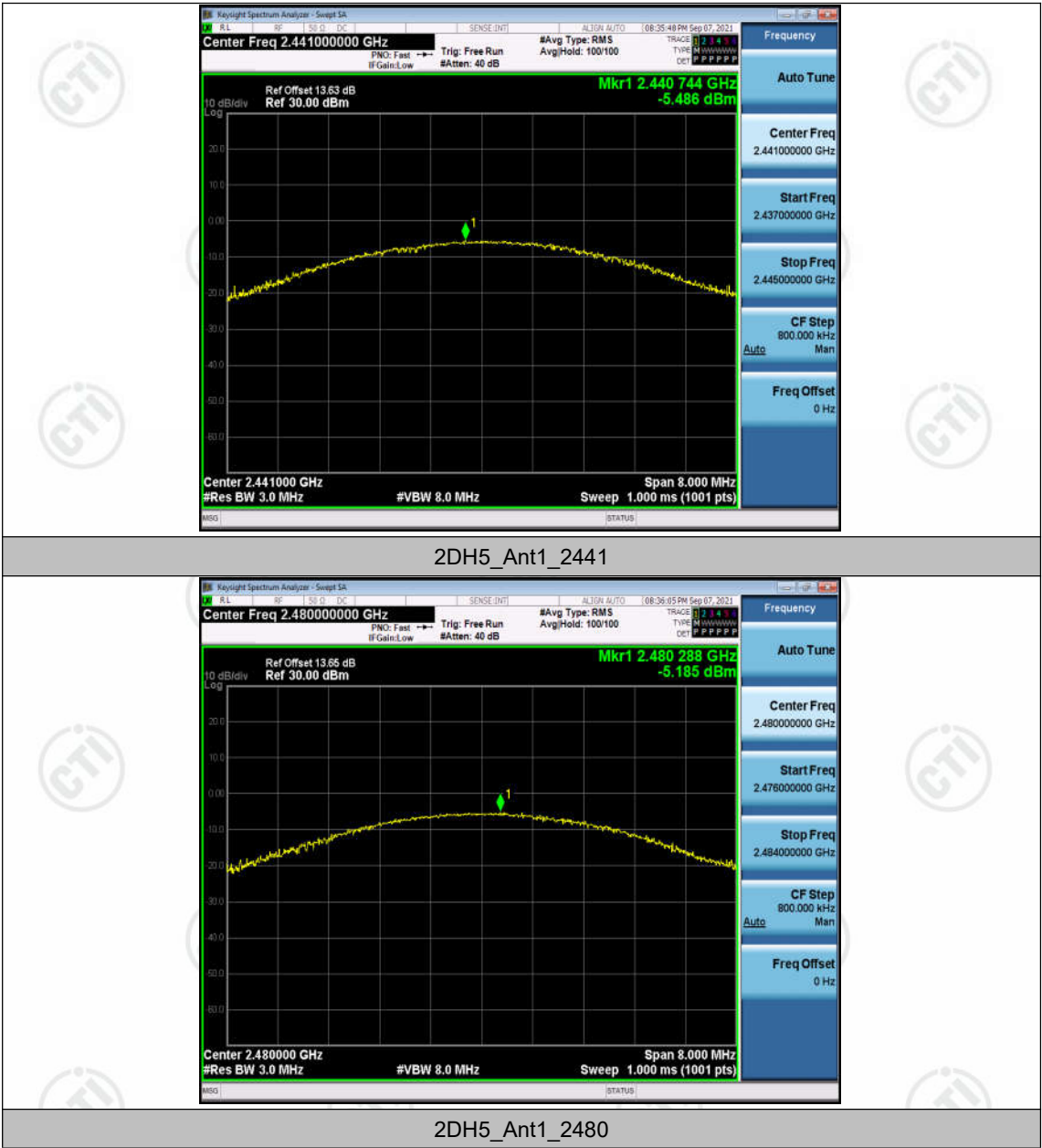
Test Result

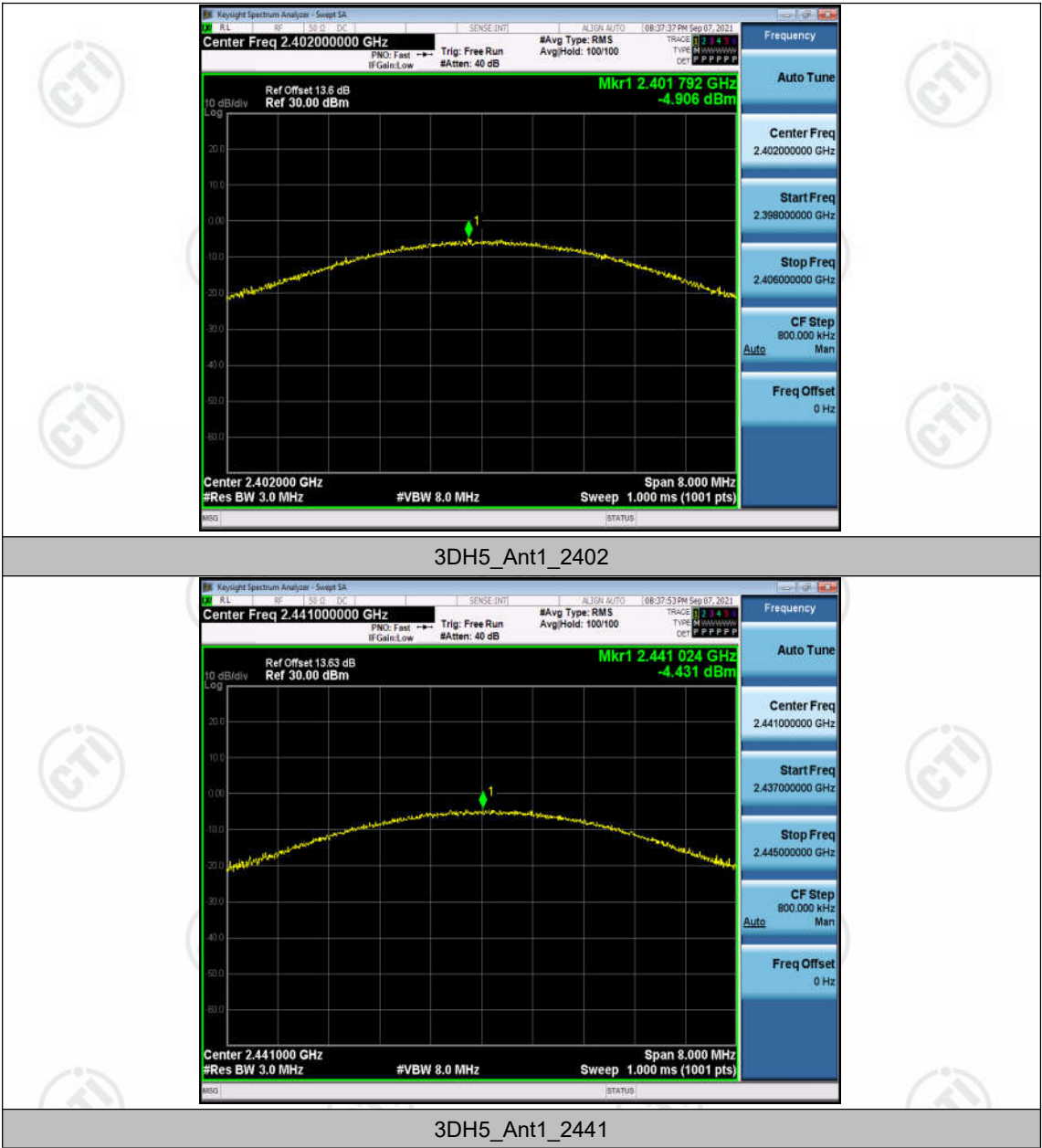
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-6.02	<=30	PASS
		2441	-5.12	<=30	PASS
		2480	-5.04	<=30	PASS
2DH5	Ant1	2402	-6.26	<=20.97	PASS
		2441	-5.49	<=20.97	PASS
		2480	-5.19	<=20.97	PASS
3DH5	Ant1	2402	-4.91	<=20.97	PASS
		2441	-4.43	<=20.97	PASS
		2480	-4.37	<=20.97	PASS

Test Graphs









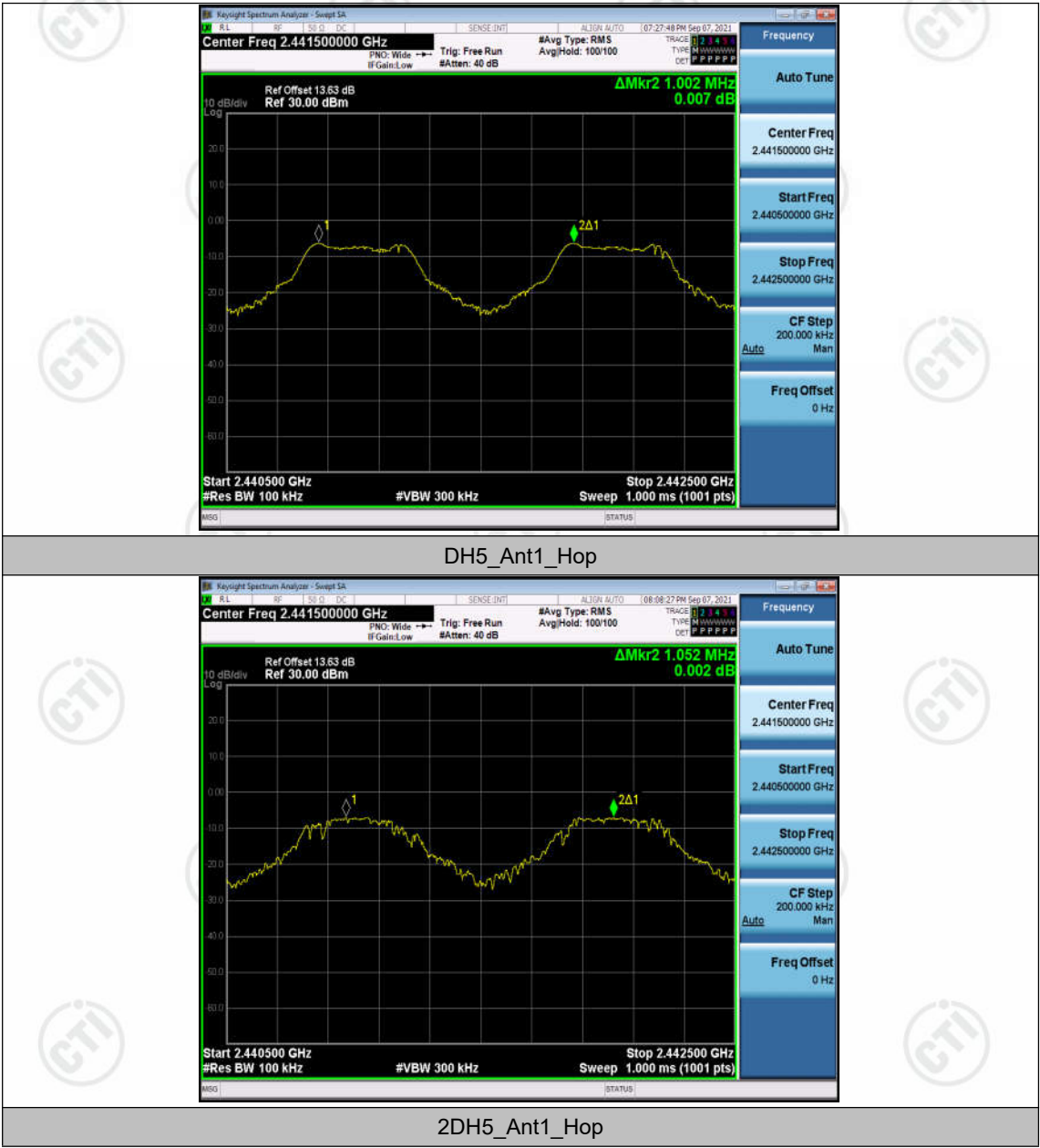


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.630	PASS
2DH5	Ant1	Hop	1.052	≥ 0.724	PASS
3DH5	Ant1	Hop	0.984	≥ 0.794	PASS

Test Graphs



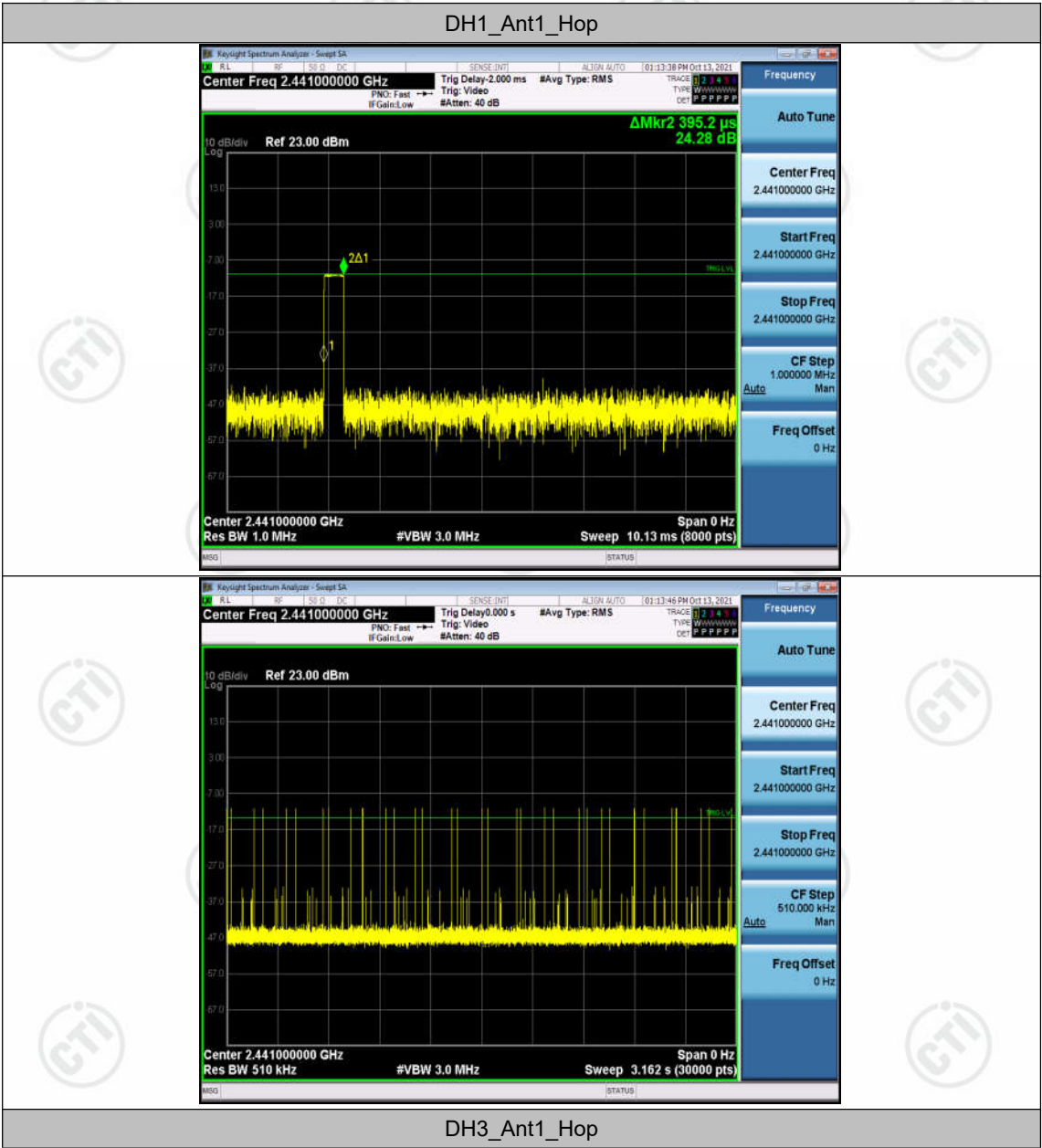


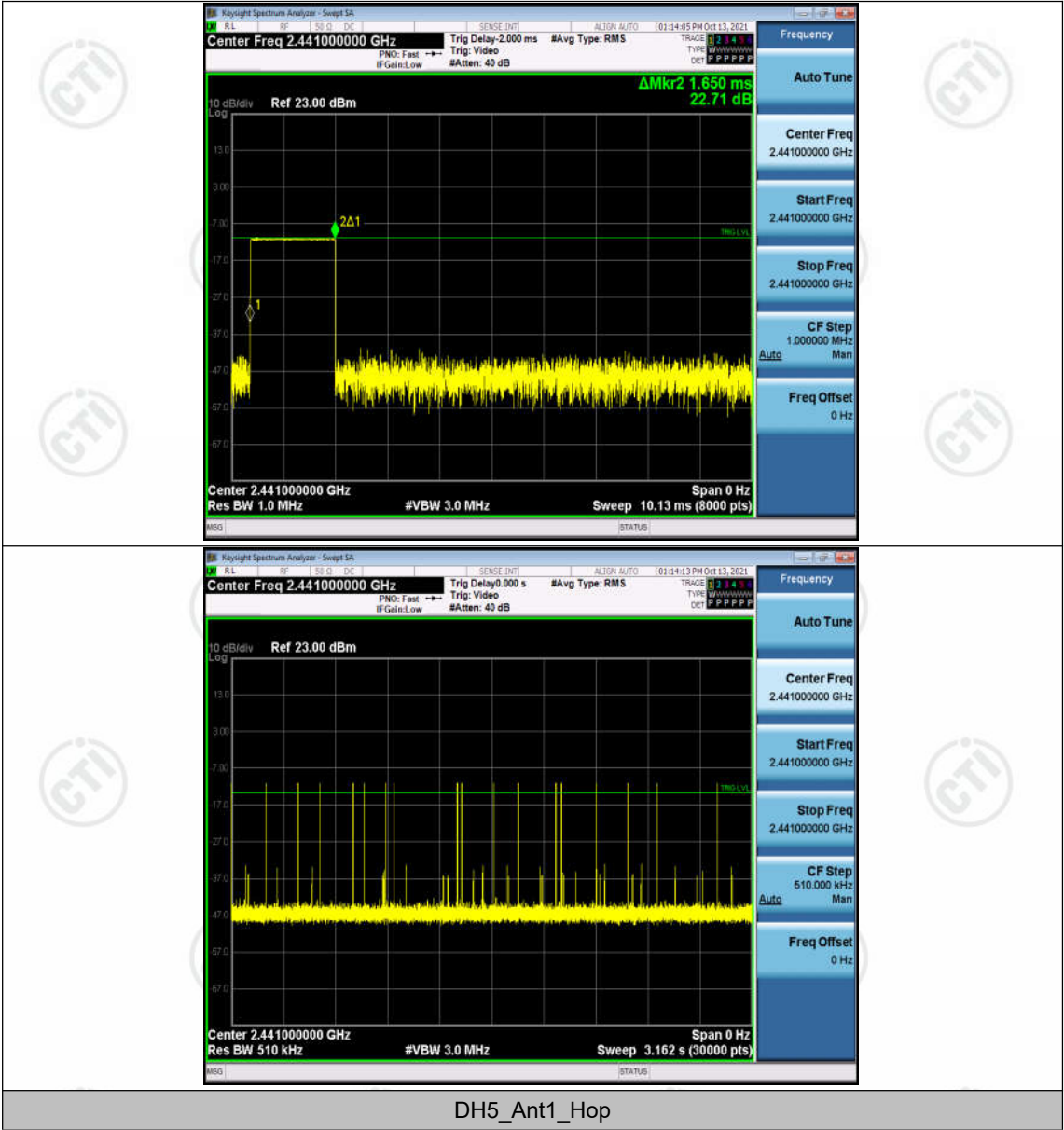
Appendix E: Time of occupancy

Test Result

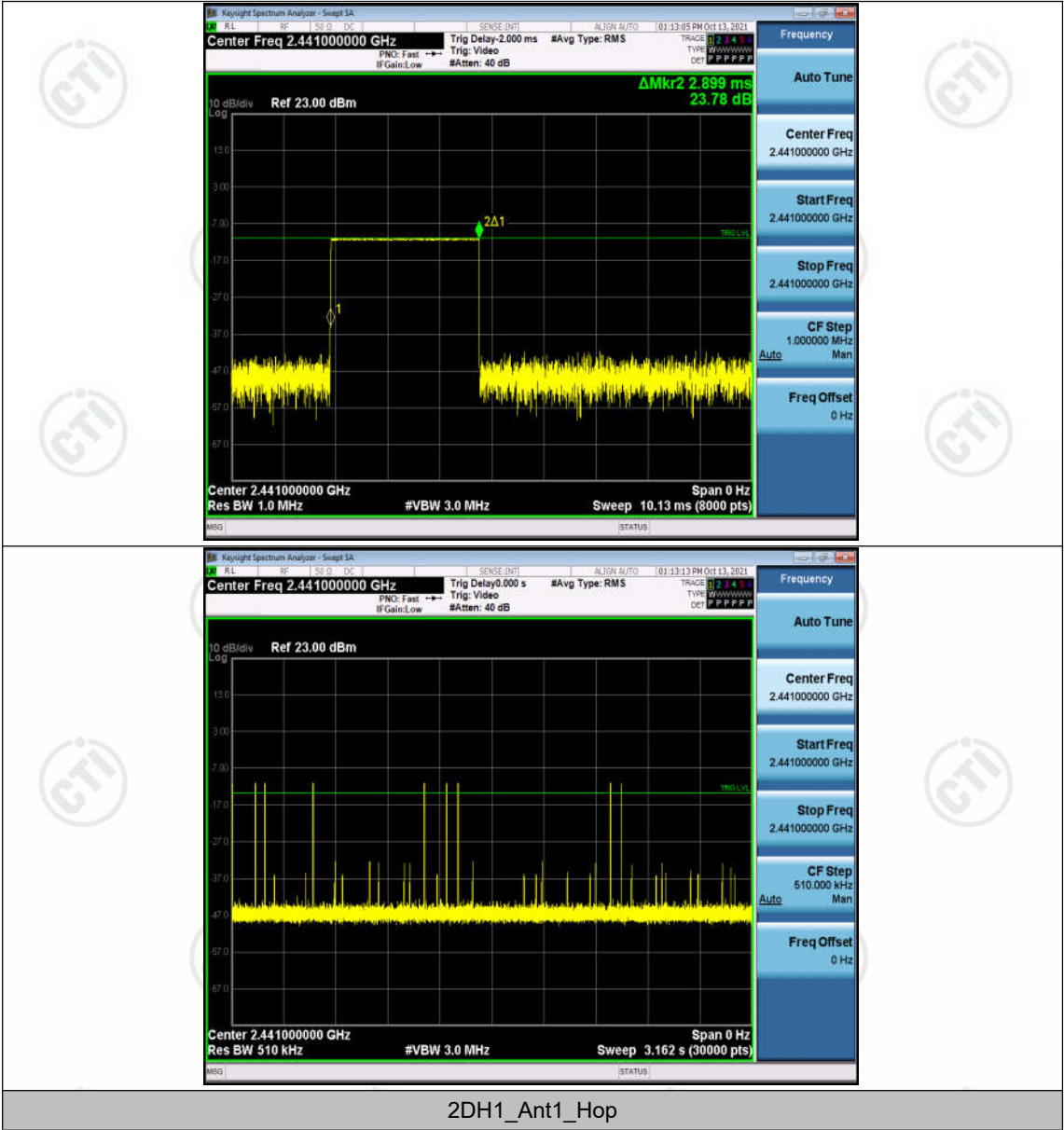
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.40	330	0.13	<=0.4	PASS
DH3	Ant1	Hop	1.65	180	0.297	<=0.4	PASS
DH5	Ant1	Hop	2.90	90	0.261	<=0.4	PASS
2DH1	Ant1	Hop	0.41	330	0.134	<=0.4	PASS
2DH3	Ant1	Hop	1.66	200	0.331	<=0.4	PASS
2DH5	Ant1	Hop	2.90	100	0.29	<=0.4	PASS
3DH1	Ant1	Hop	0.41	320	0.13	<=0.4	PASS
3DH3	Ant1	Hop	1.66	170	0.282	<=0.4	PASS
3DH5	Ant1	Hop	2.90	110	0.319	<=0.4	PASS

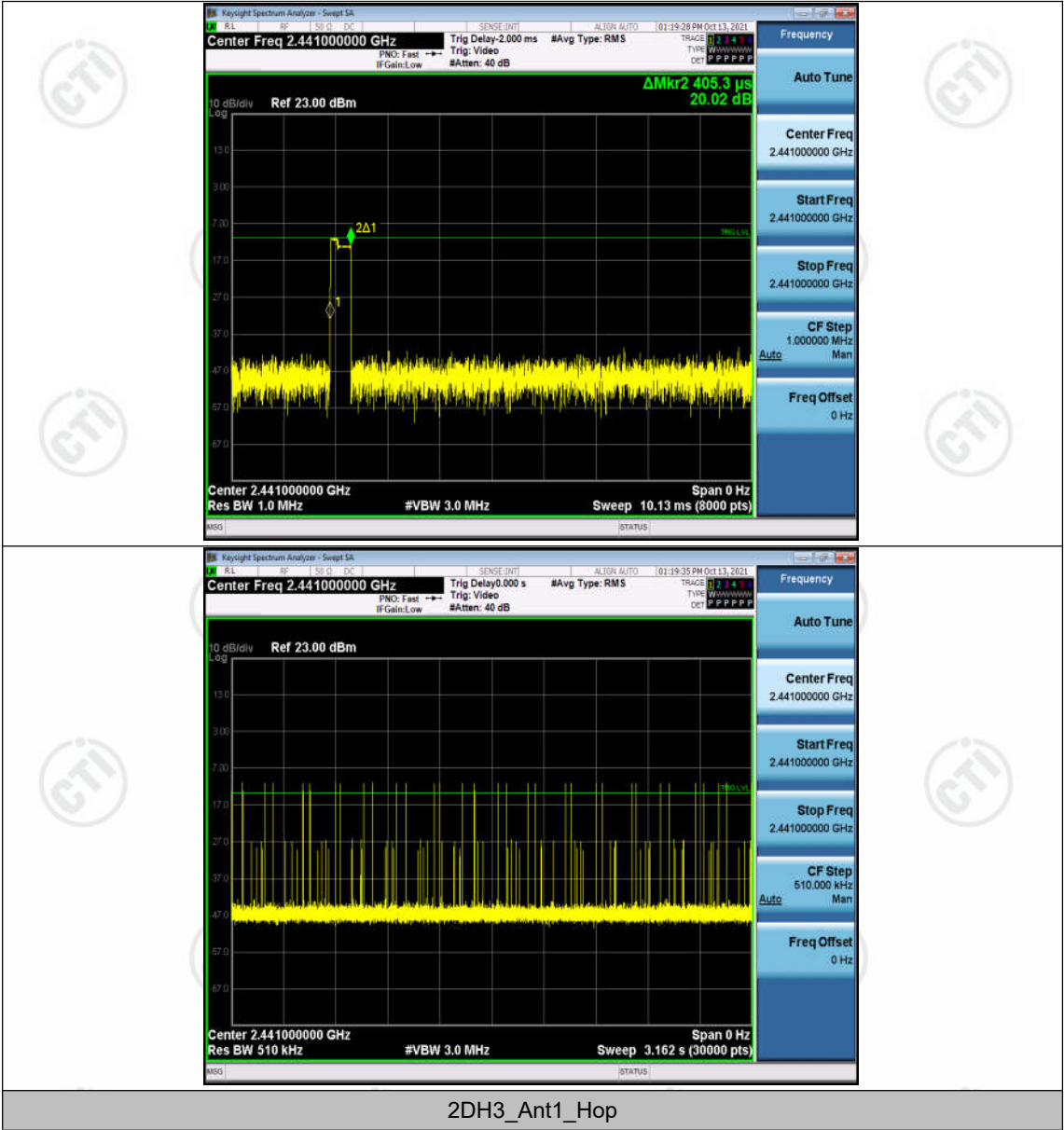
Test Graphs

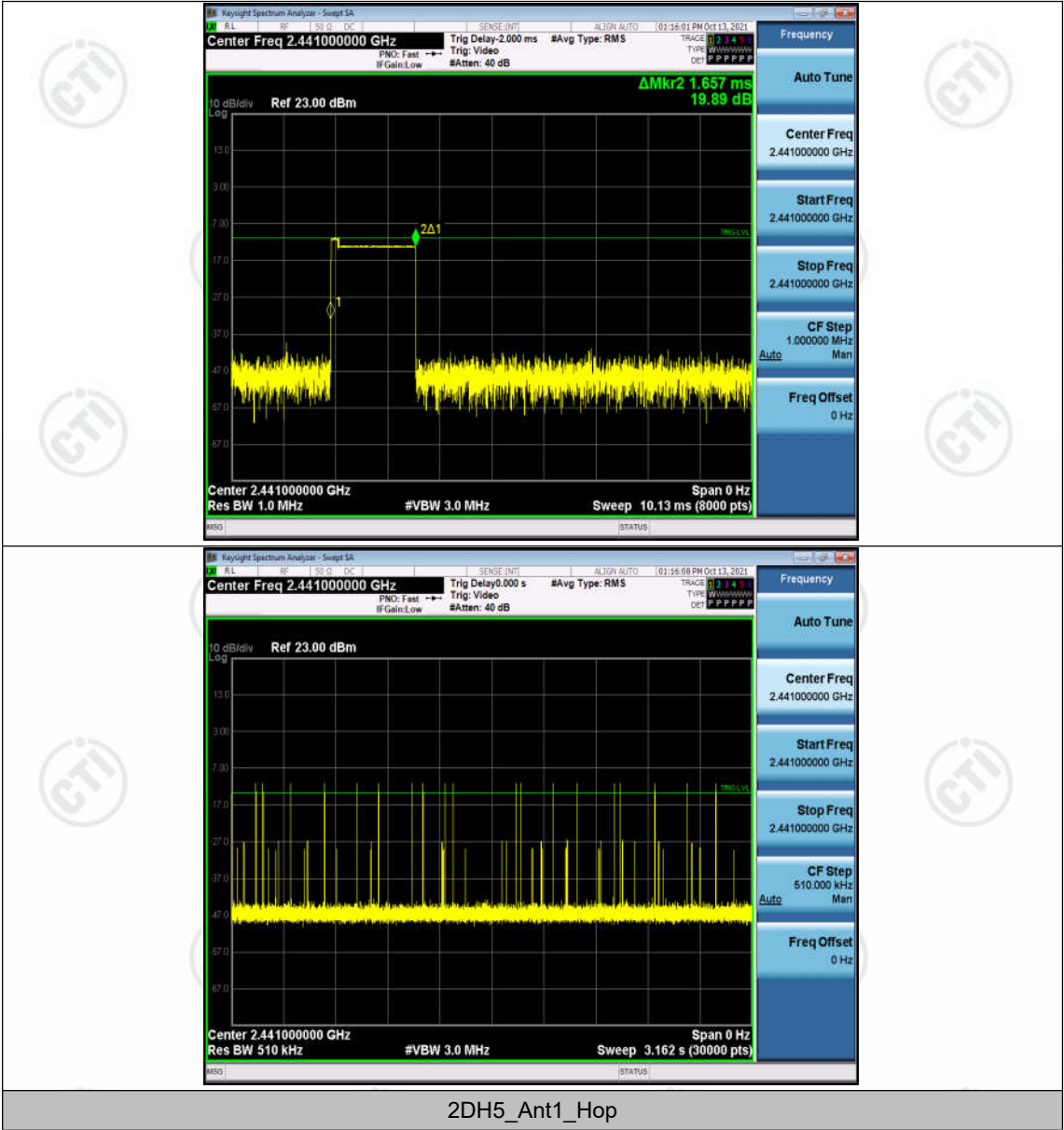


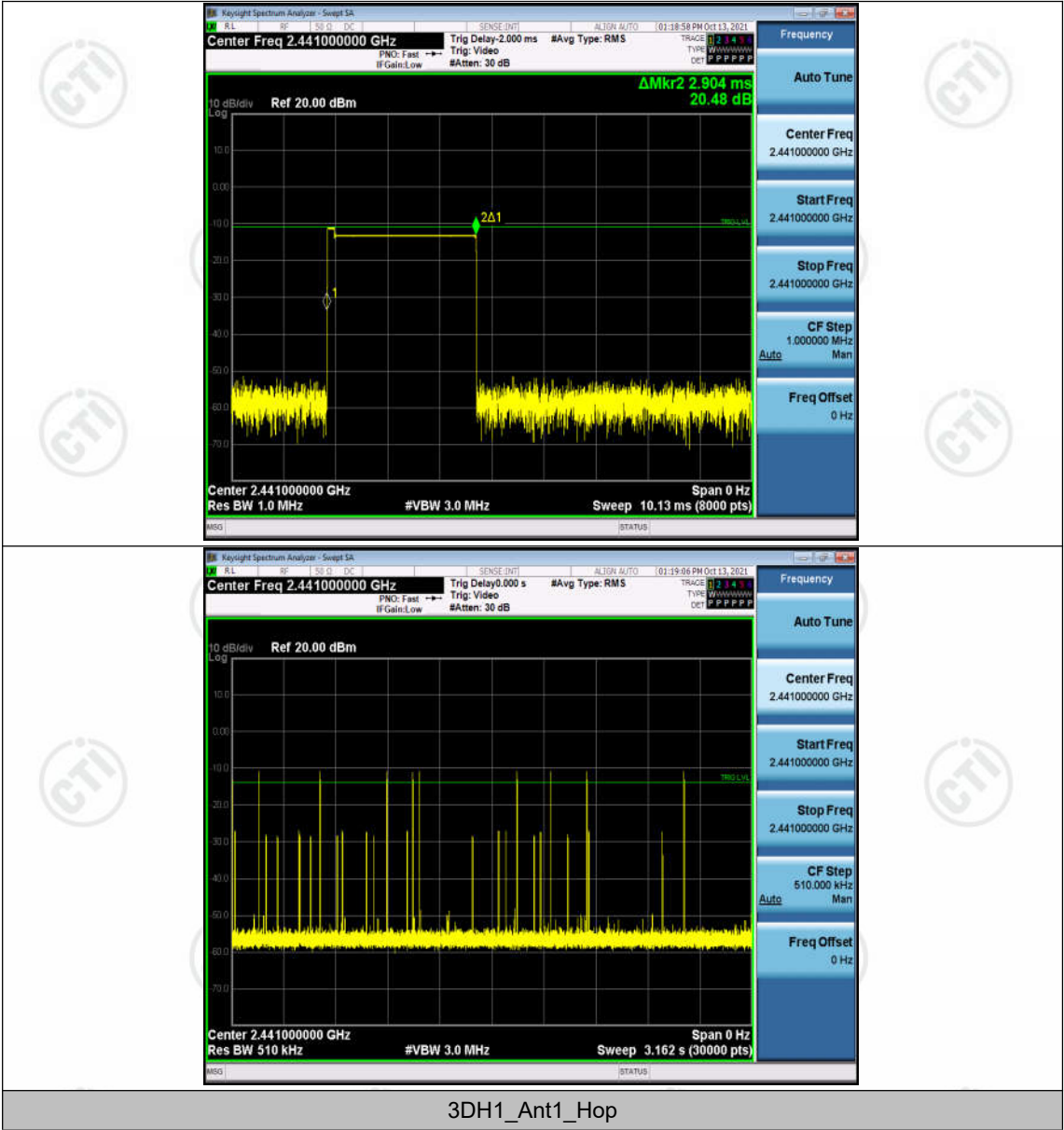


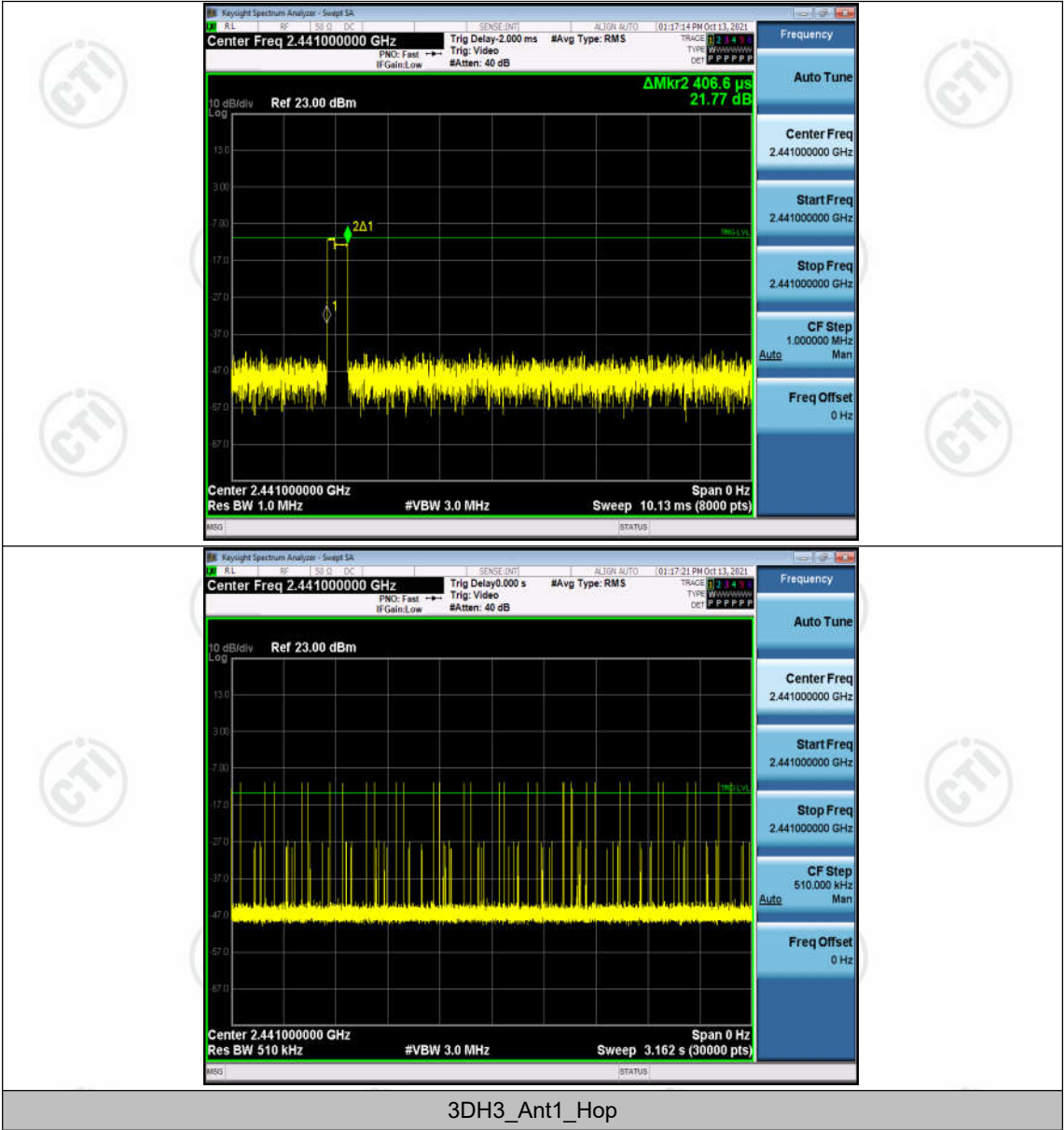
DH5_Ant1_Hop

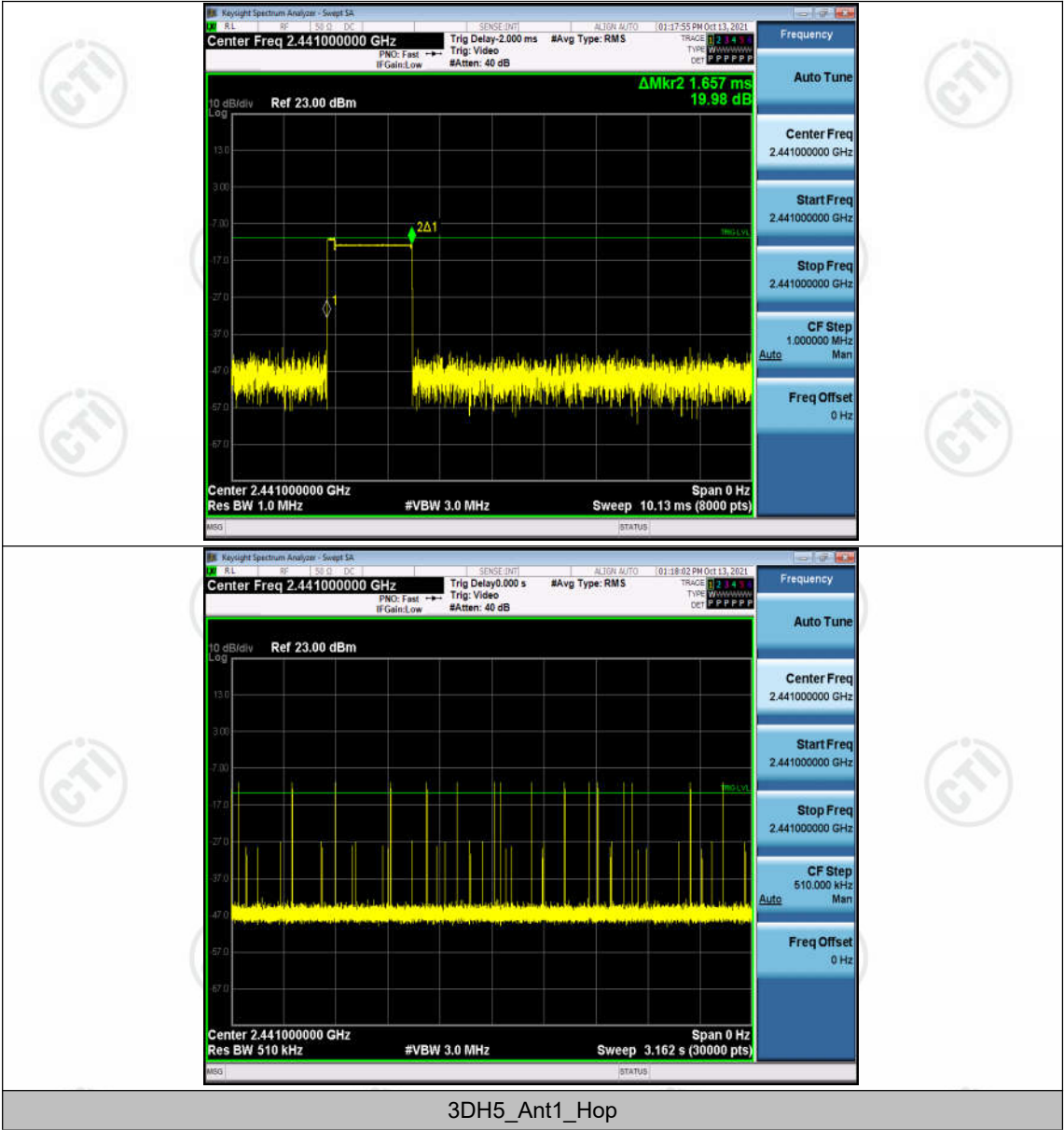


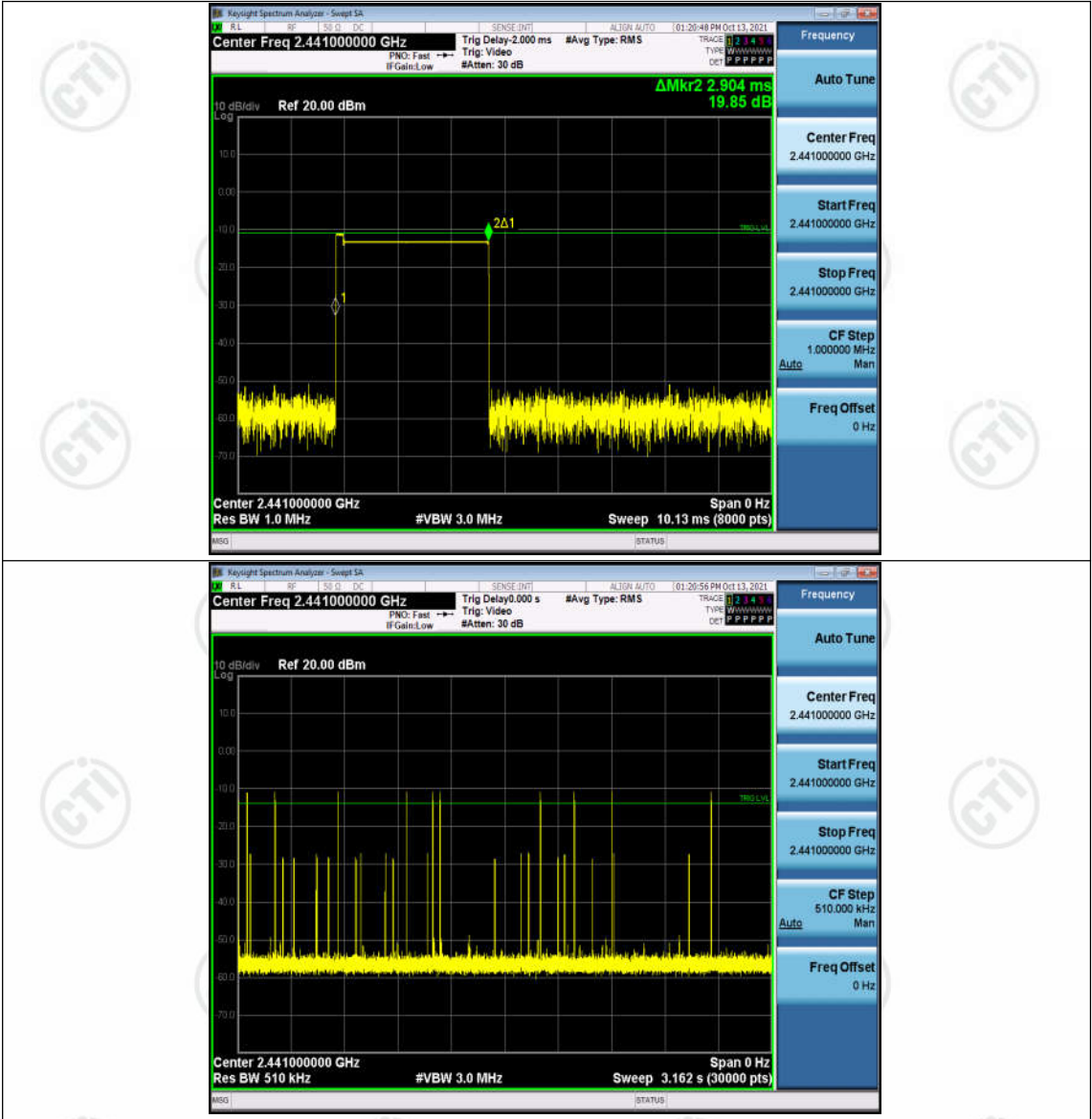










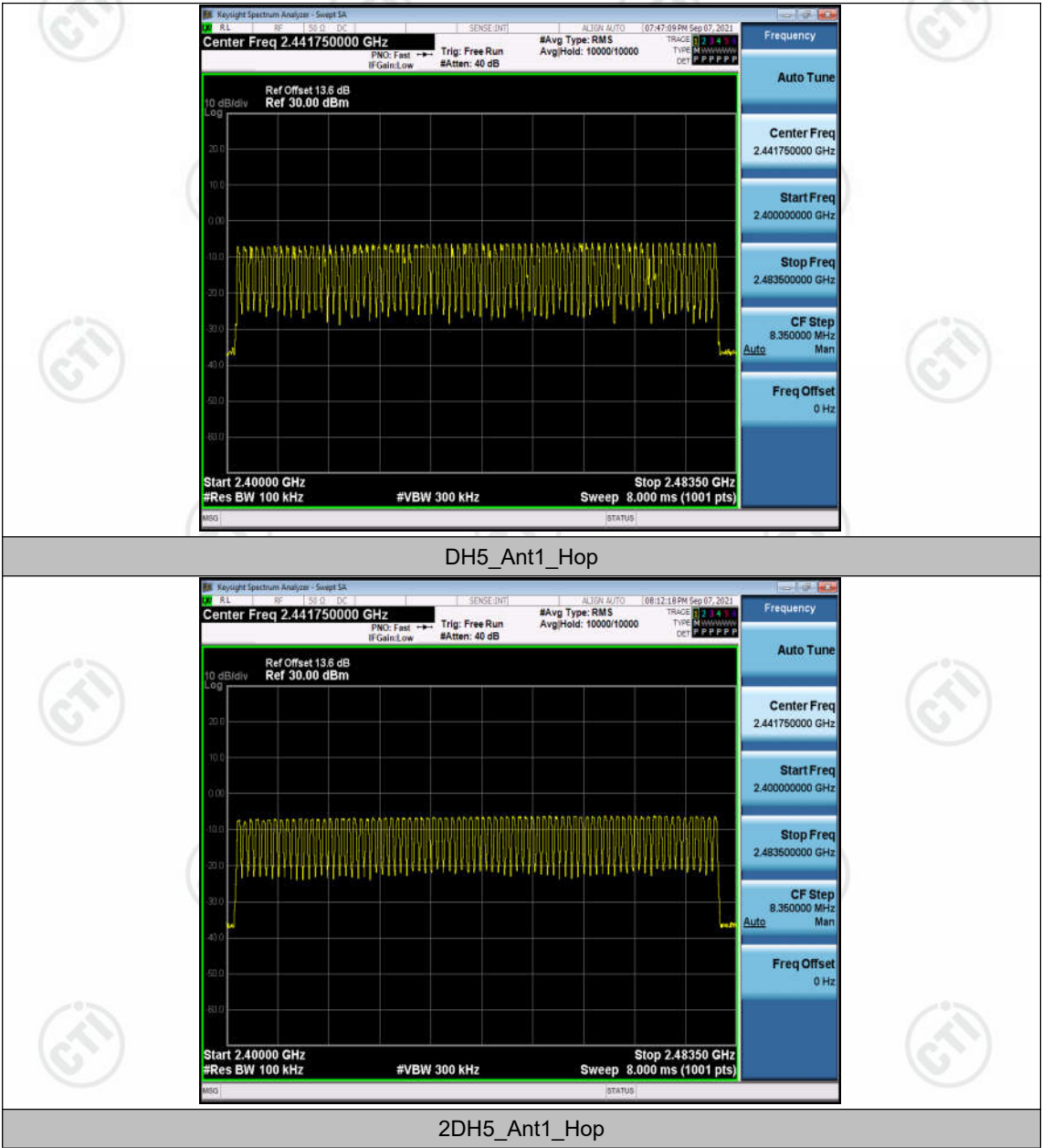


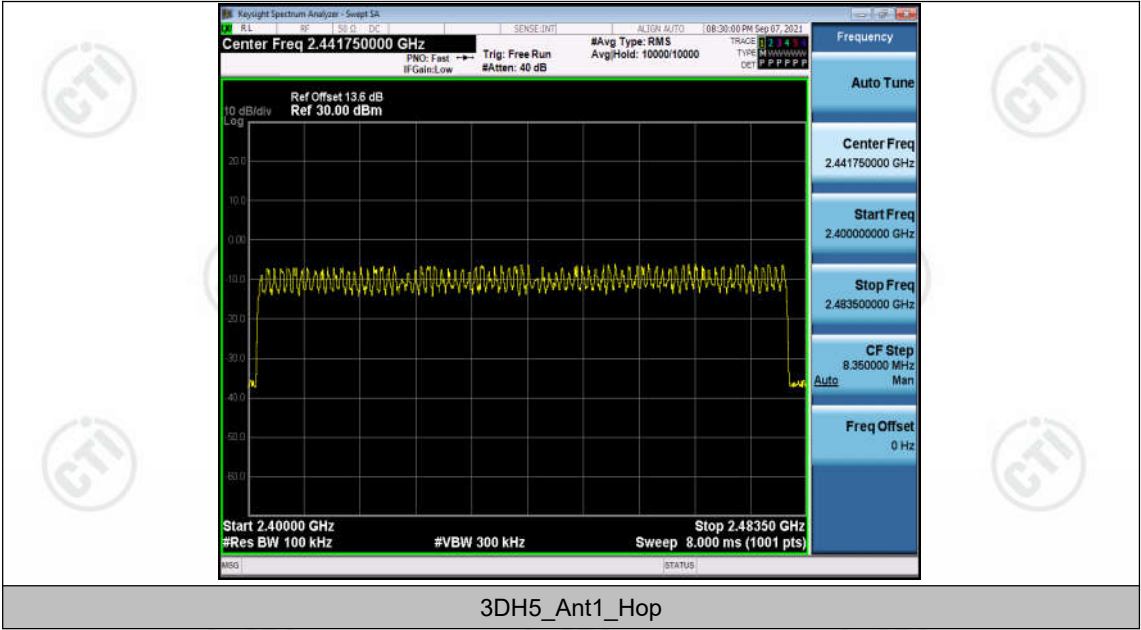
Appendix F: Number of hopping channels

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



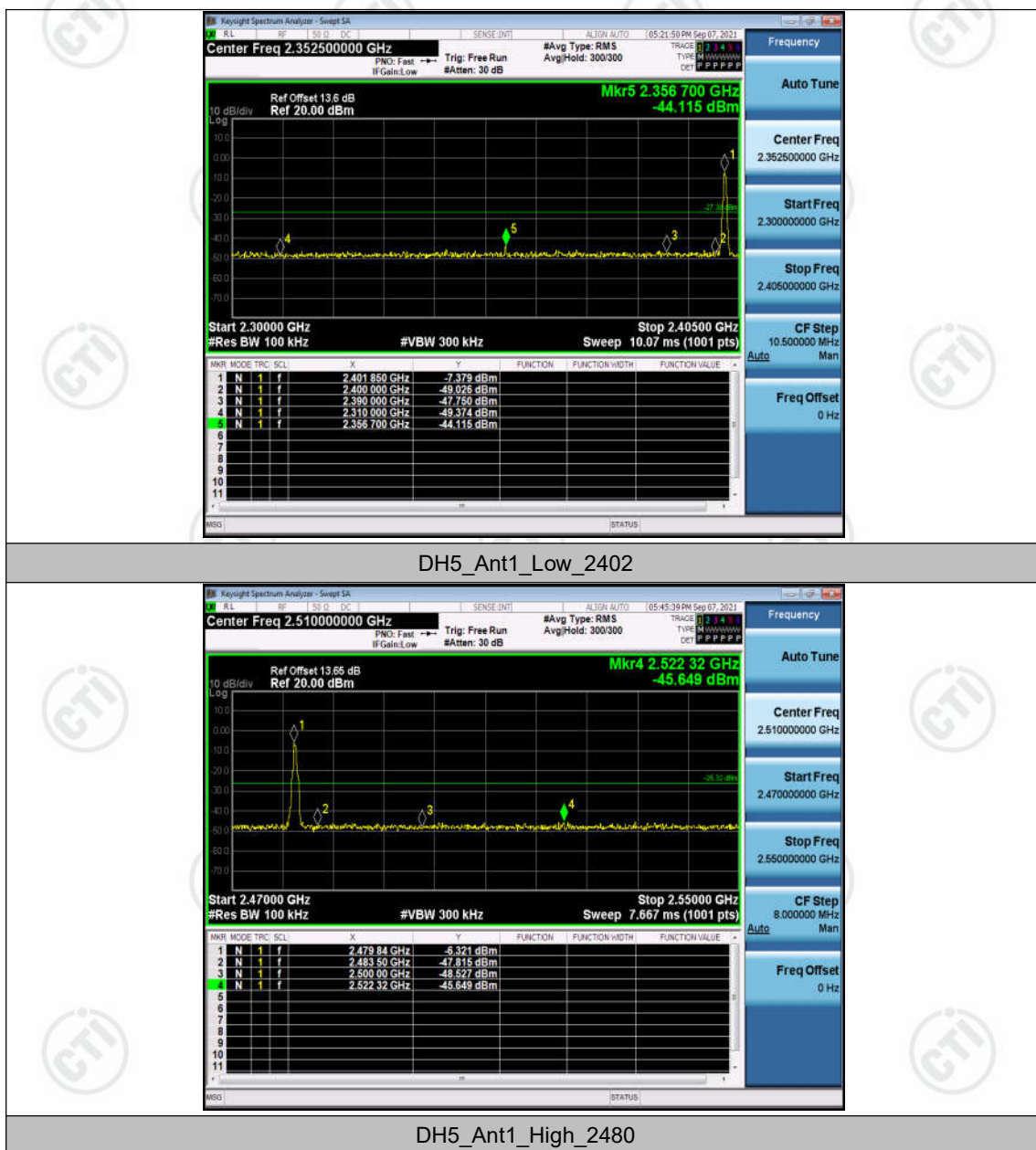


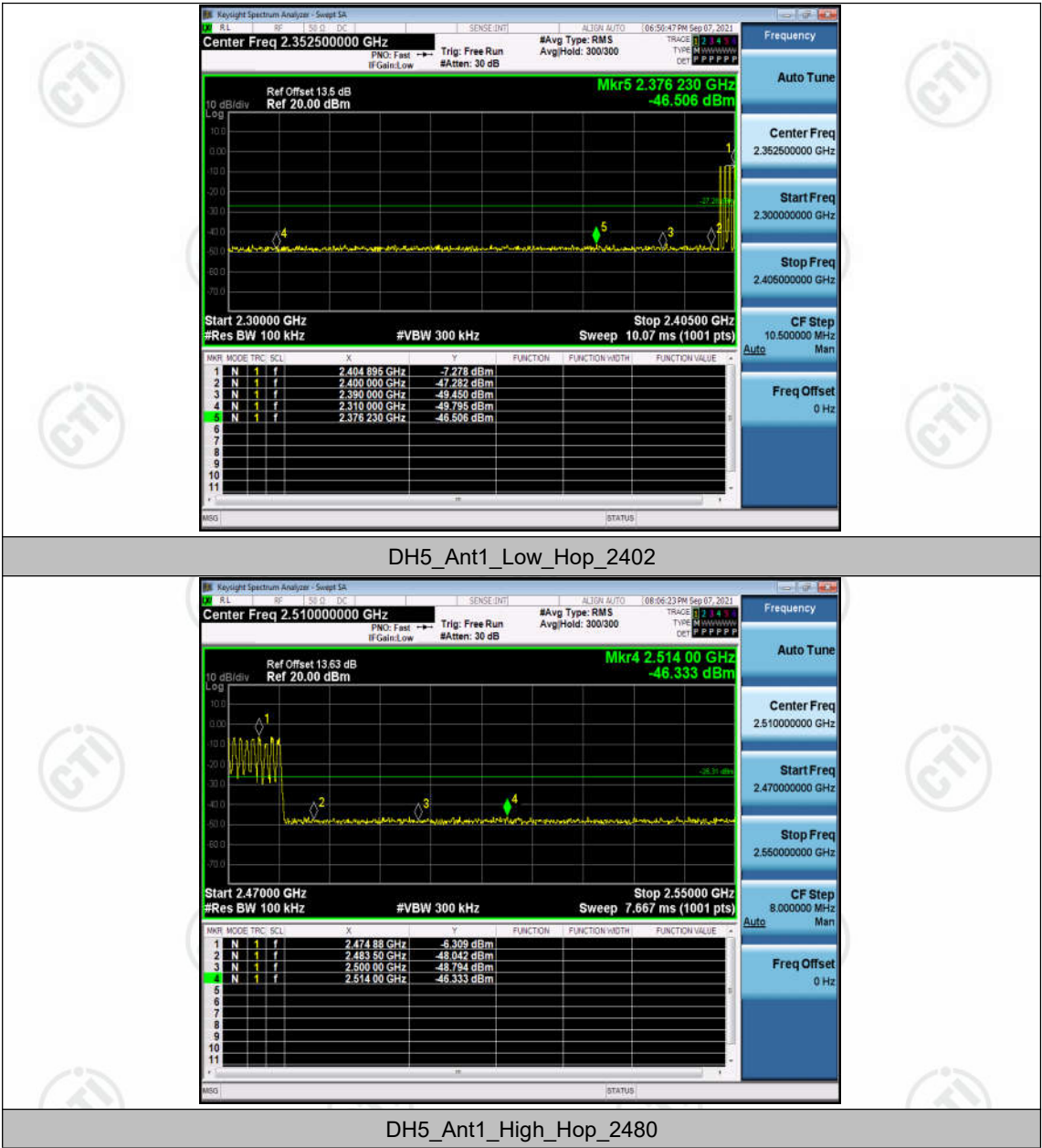
Appendix G:Band edge measurements

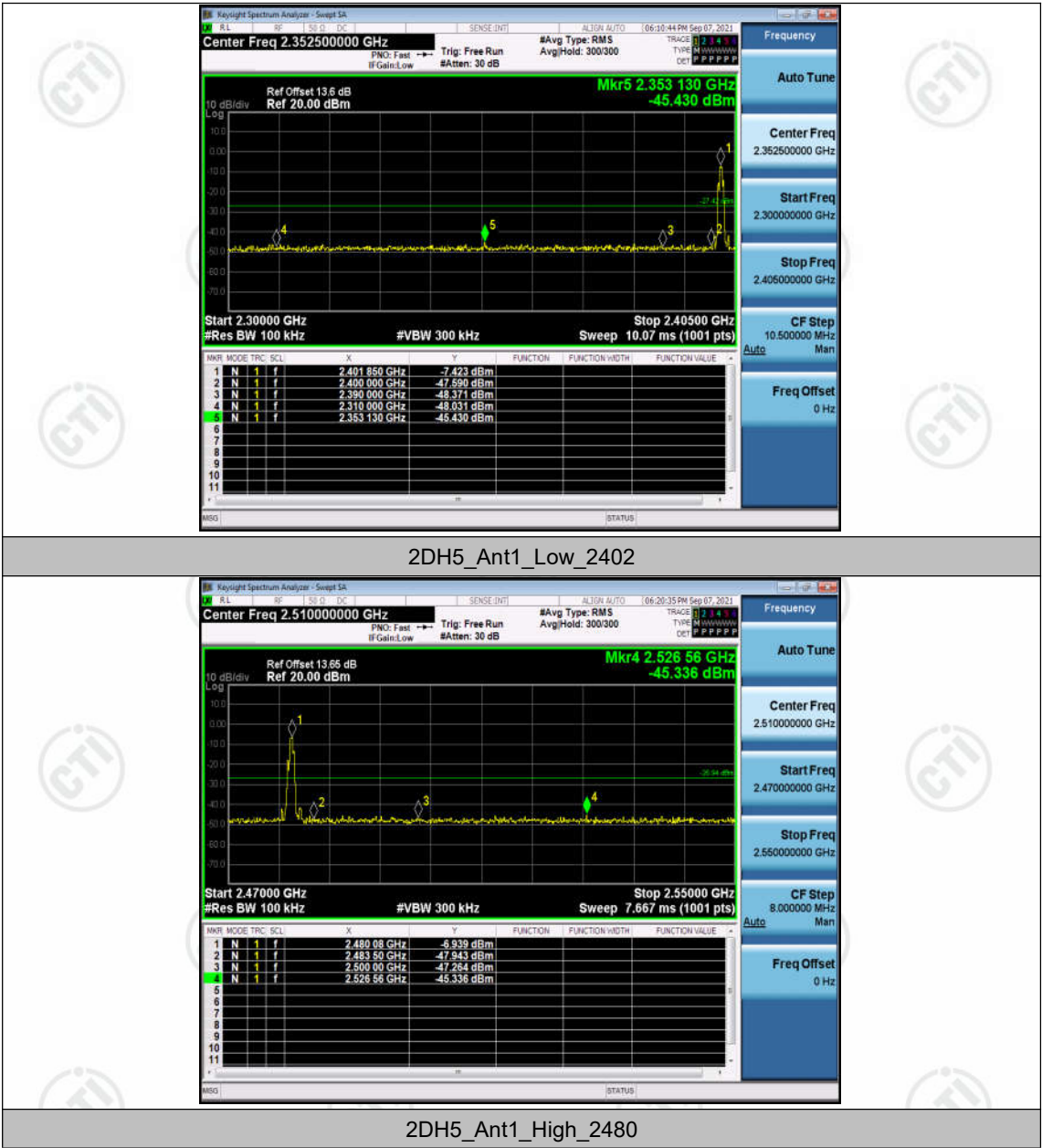
Test Result

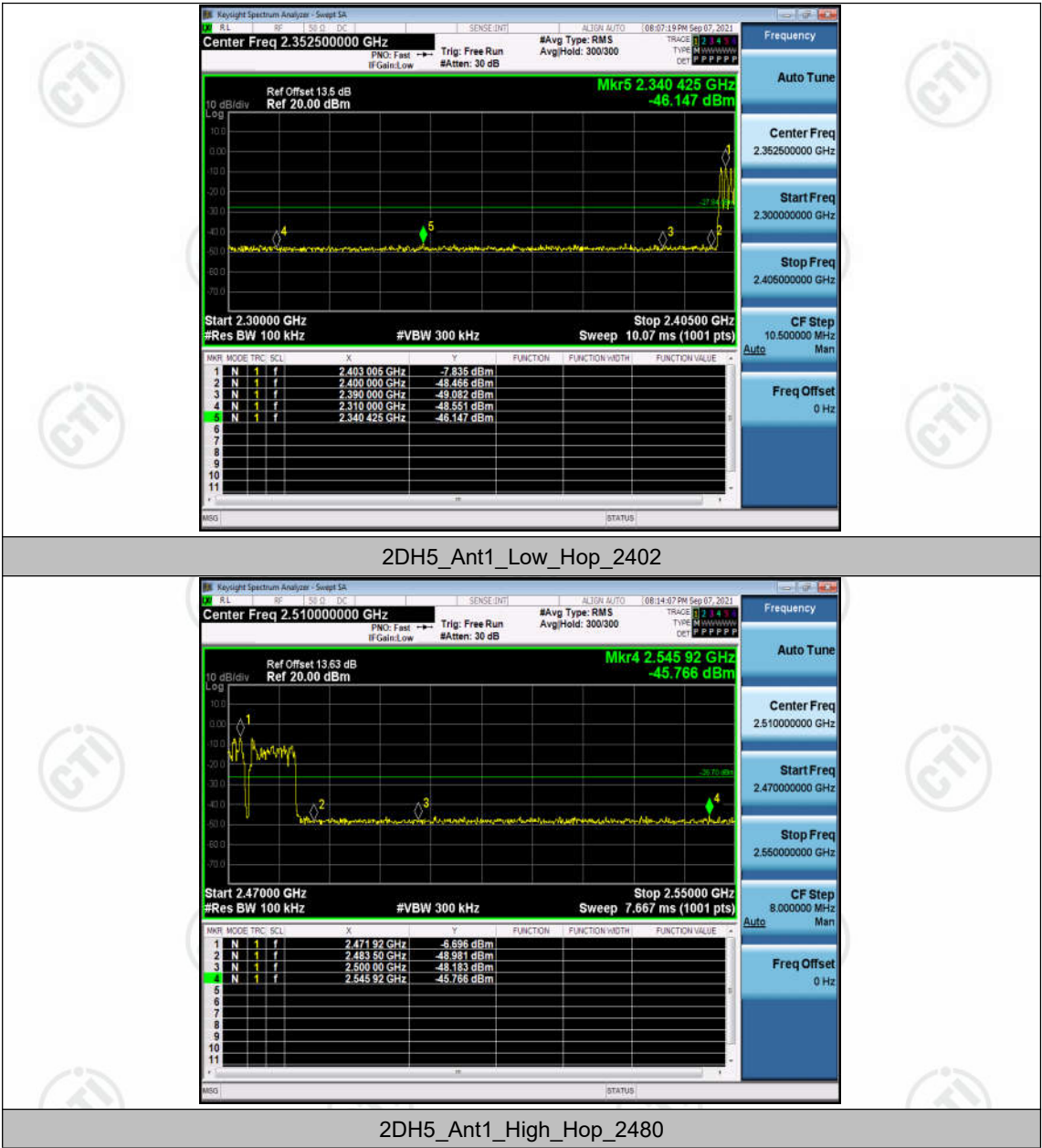
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-7.38	-44.12	<=-27.38	PASS
		High	2480	-6.32	-45.65	<=-26.32	PASS
		Low	Hop_2402	-7.28	-46.51	<=-27.28	PASS
		High	Hop_2480	-6.31	-46.33	<=-26.31	PASS
2DH5	Ant1	Low	2402	-7.42	-45.43	<=-27.42	PASS
		High	2480	-6.94	-45.34	<=-26.94	PASS
		Low	Hop_2402	-7.84	-46.15	<=-27.84	PASS
		High	Hop_2480	-6.70	-45.77	<=-26.7	PASS
3DH5	Ant1	Low	2402	-7.32	-45.45	<=-27.32	PASS
		High	2480	-6.76	-45	<=-26.76	PASS
		Low	Hop_2402	-11.13	-46.02	<=-31.13	PASS
		High	Hop_2480	-7.45	-45.96	<=-27.45	PASS

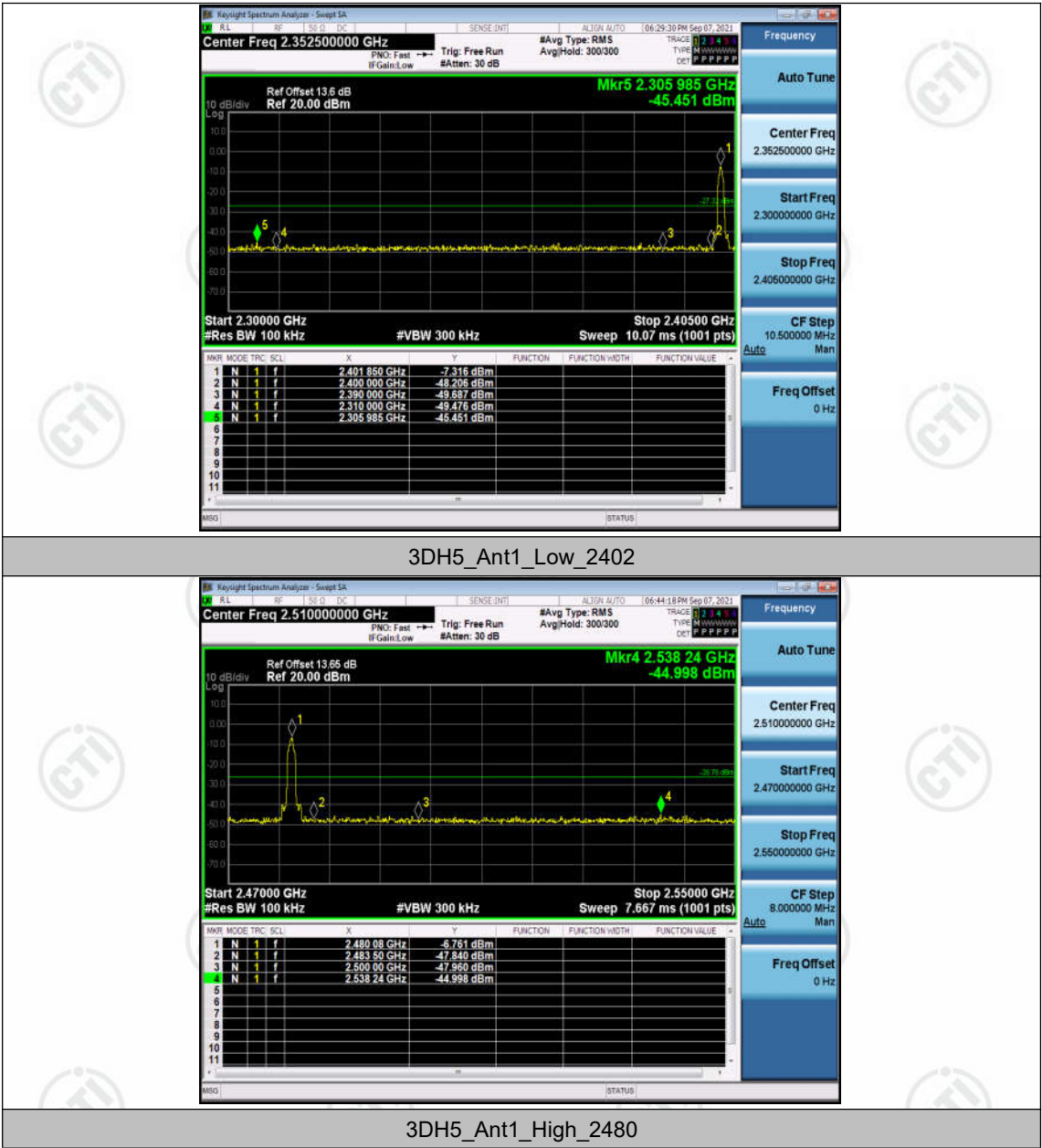
Test Graphs

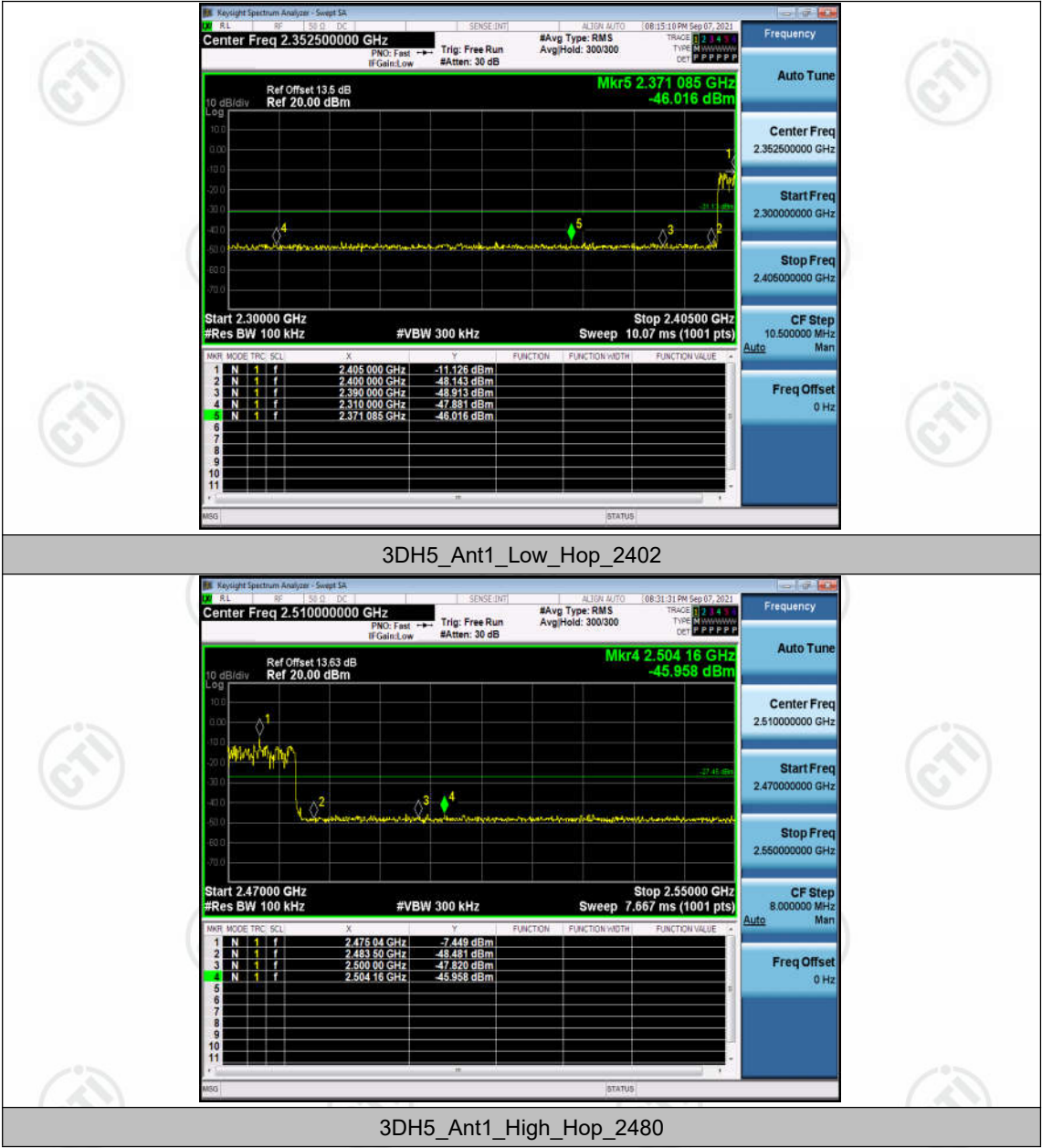












Appendix H:Conducted Spurious Emission

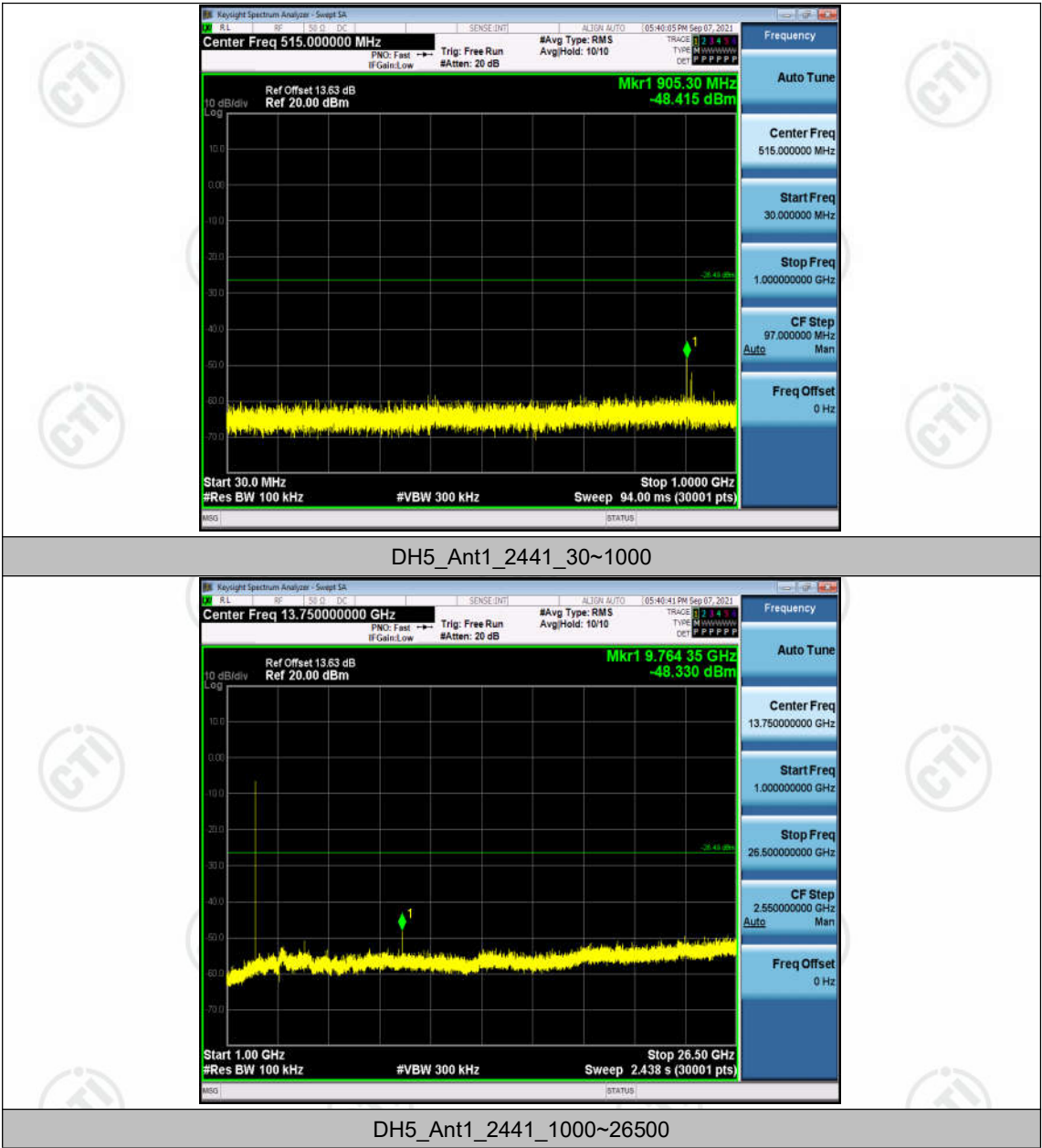
Test Result

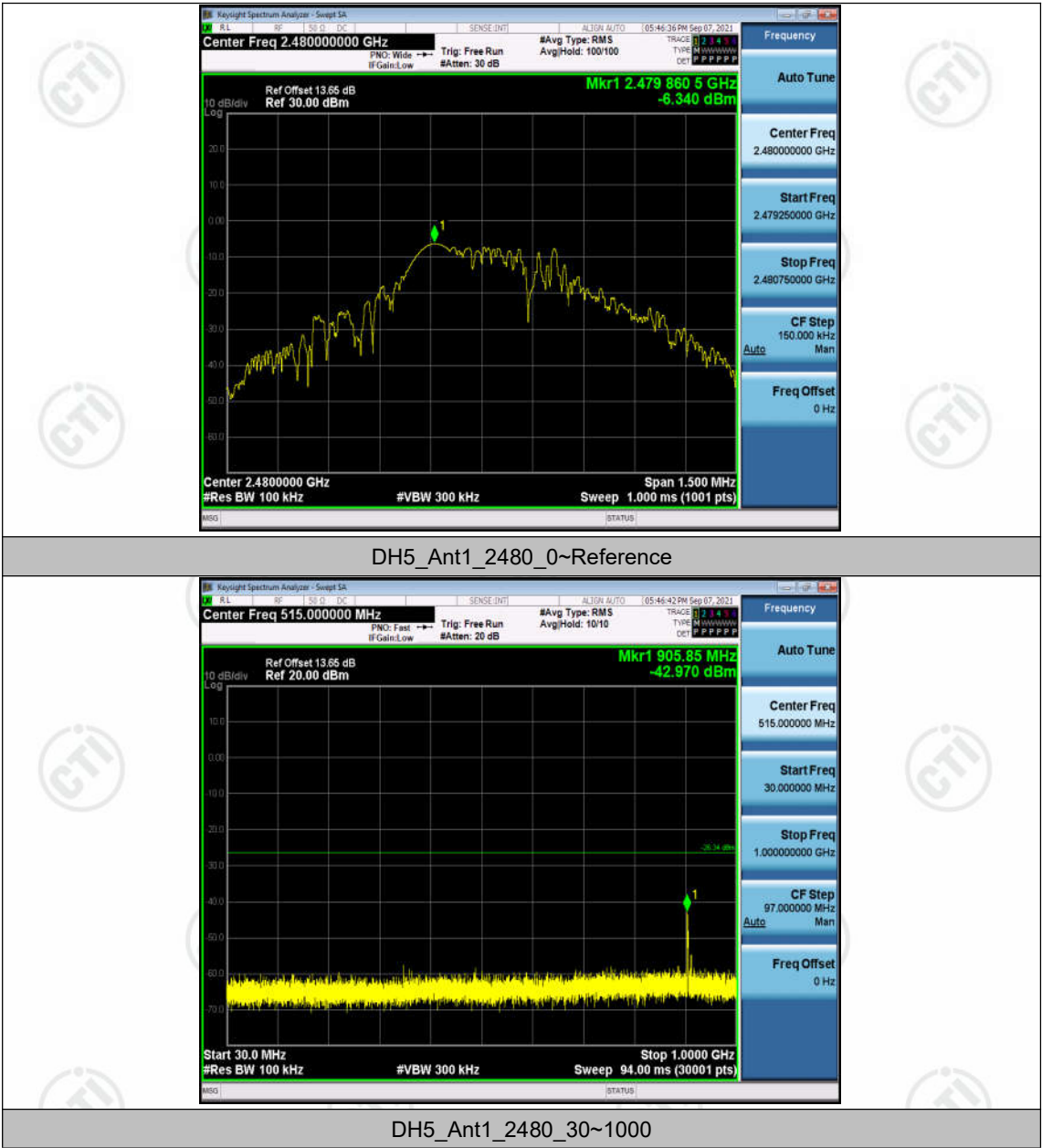
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-7.40	-7.40	---	PASS
			30~1000	30~1000	-57.178	<=-27.396	PASS
			1000~26500	1000~26500	-48.847	<=-27.396	PASS
		2441	Reference	-6.49	-6.49	---	PASS
			30~1000	30~1000	-48.415	<=-26.487	PASS
			1000~26500	1000~26500	-48.33	<=-26.487	PASS
		2480	Reference	-6.34	-6.34	---	PASS
			30~1000	30~1000	-42.97	<=-26.34	PASS
			1000~26500	1000~26500	-49.01	<=-26.34	PASS
2DH5	Ant1	2402	Reference	-8.04	-8.04	---	PASS
			30~1000	30~1000	-57.901	<=-28.044	PASS
			1000~26500	1000~26500	-49.173	<=-28.044	PASS
		2441	Reference	-6.64	-6.64	---	PASS
			30~1000	30~1000	-57.208	<=-26.642	PASS
			1000~26500	1000~26500	-48.891	<=-26.642	PASS
		2480	Reference	-6.57	-6.57	---	PASS
			30~1000	30~1000	-58.201	<=-26.571	PASS
			1000~26500	1000~26500	-48.397	<=-26.571	PASS
3DH5	Ant1	2402	Reference	-7.50	-7.50	---	PASS
			30~1000	30~1000	-52.962	<=-27.498	PASS
			1000~26500	1000~26500	-48.316	<=-27.498	PASS
		2441	Reference	-6.86	-6.86	---	PASS
			30~1000	30~1000	-54.422	<=-26.856	PASS
			1000~26500	1000~26500	-48.768	<=-26.856	PASS
		2480	Reference	-6.95	-6.95	---	PASS
			30~1000	30~1000	-57.981	<=-26.952	PASS
			1000~26500	1000~26500	-49.183	<=-26.952	PASS

Test Graphs

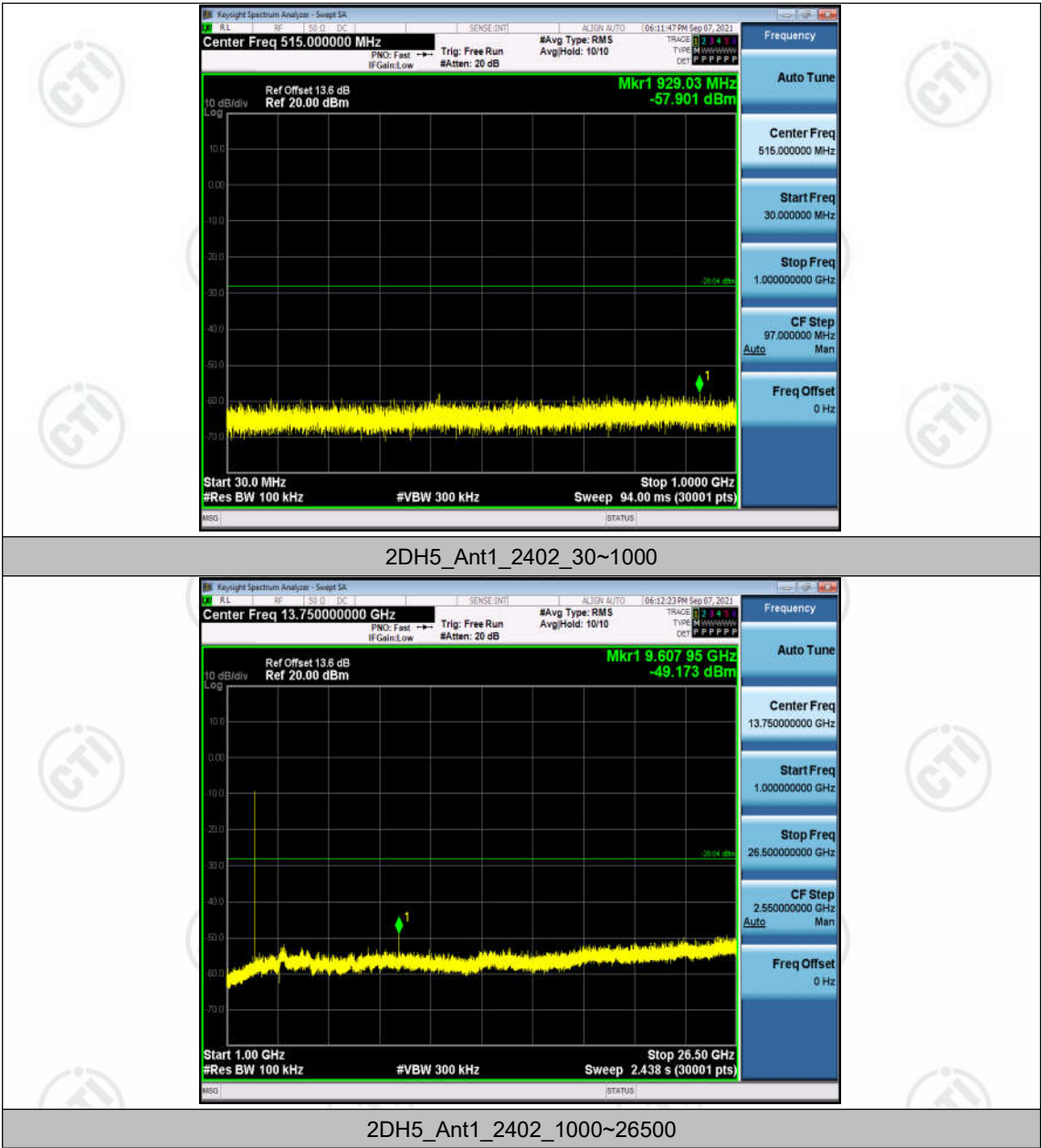


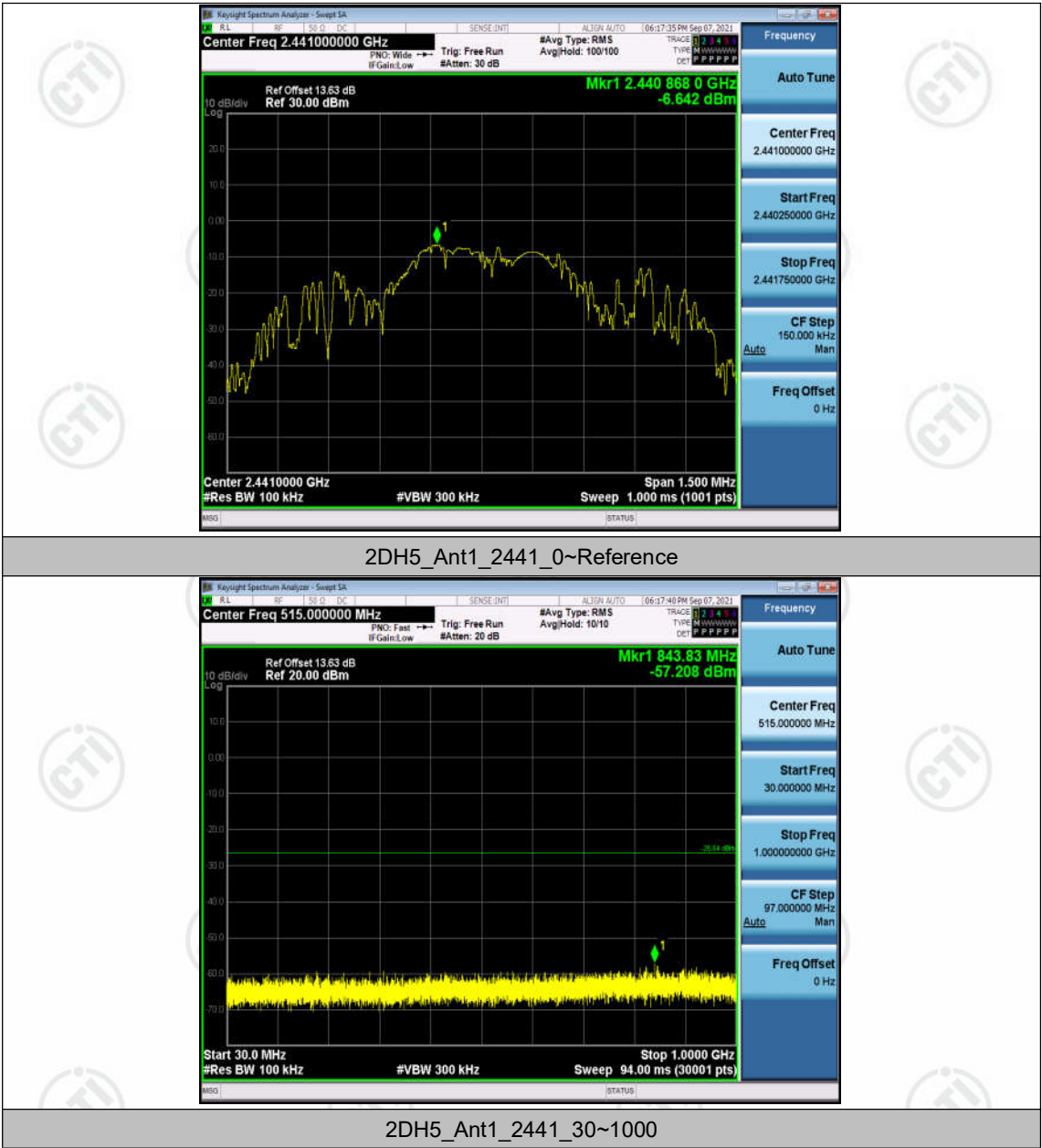




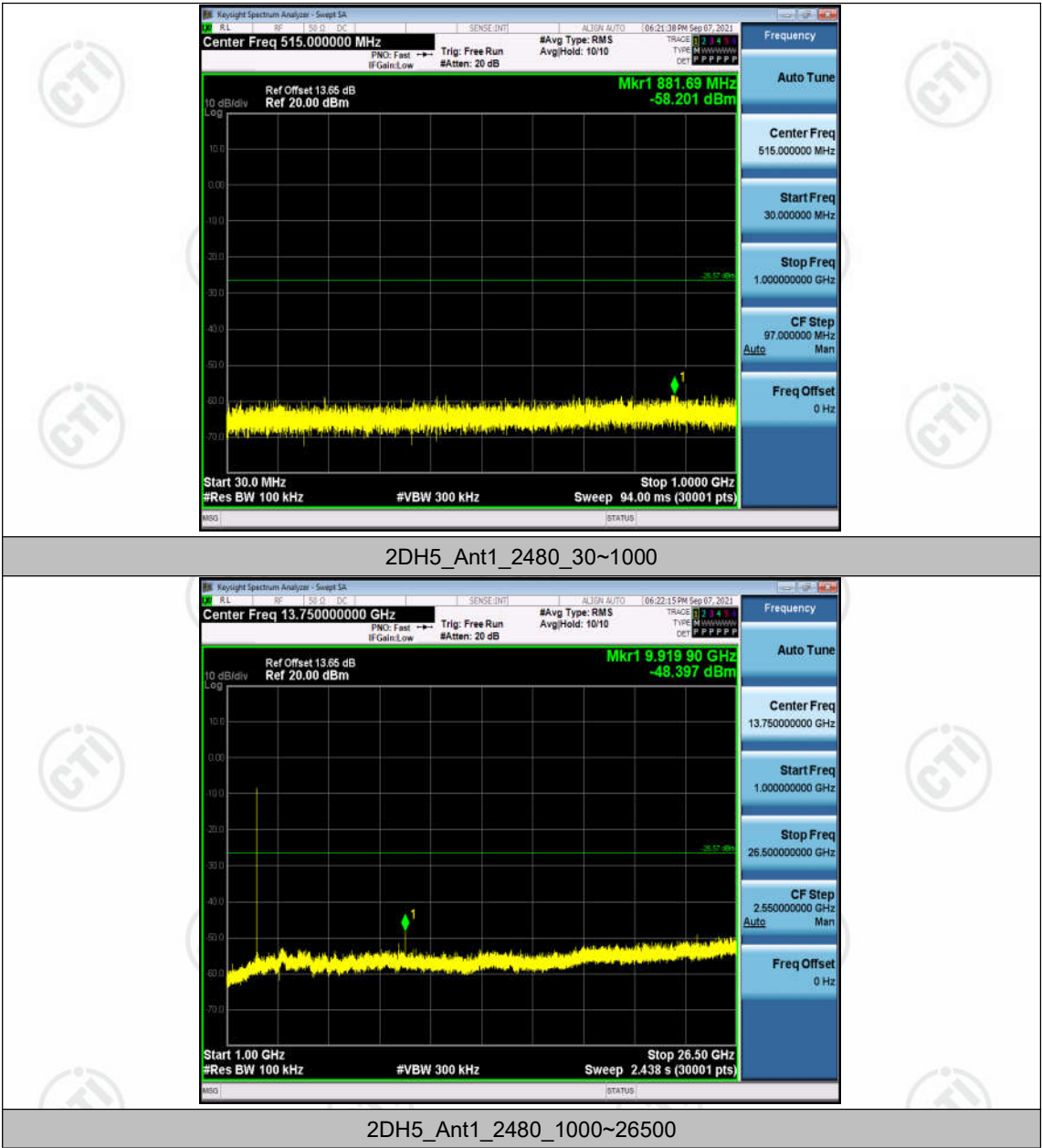




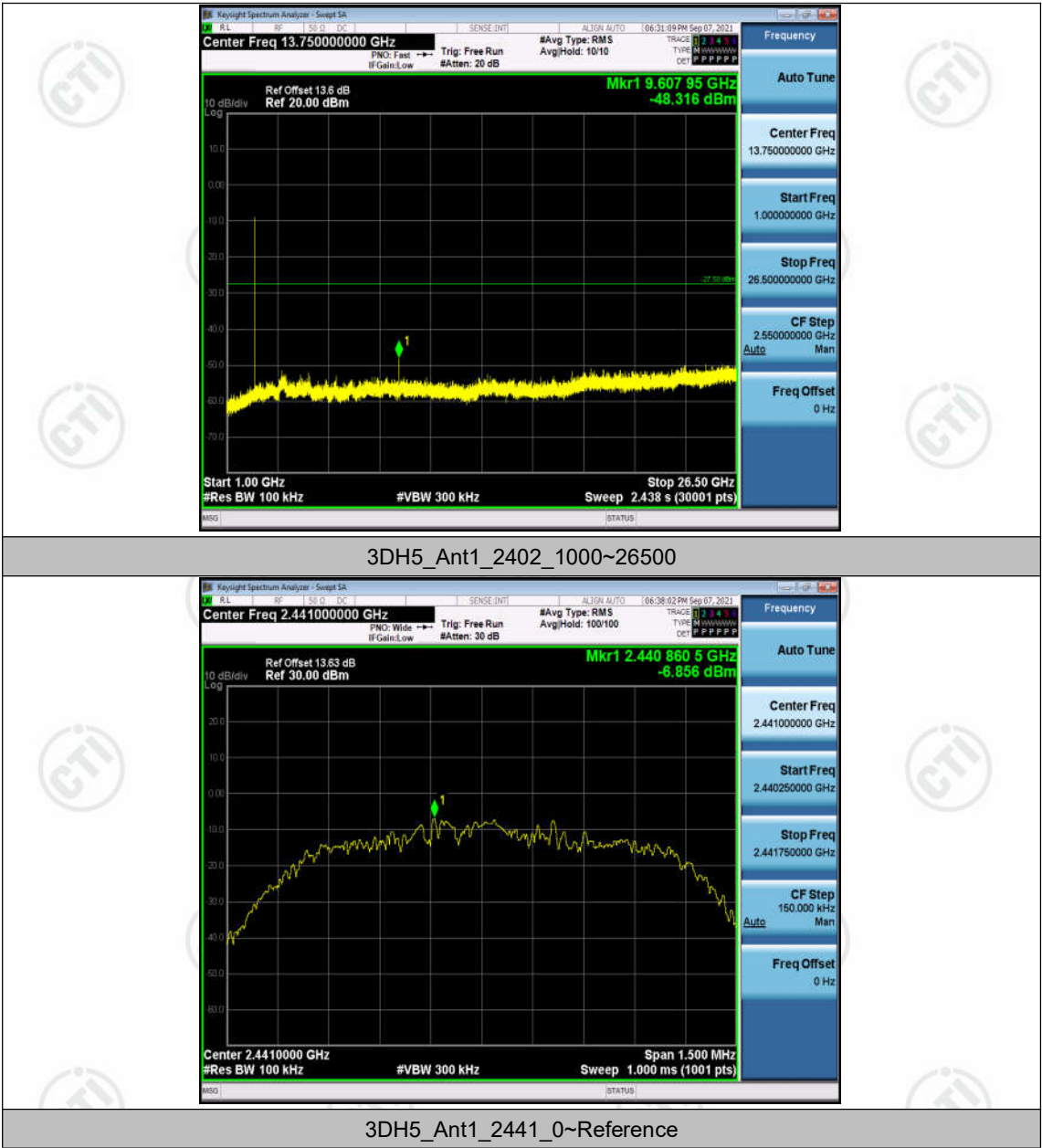


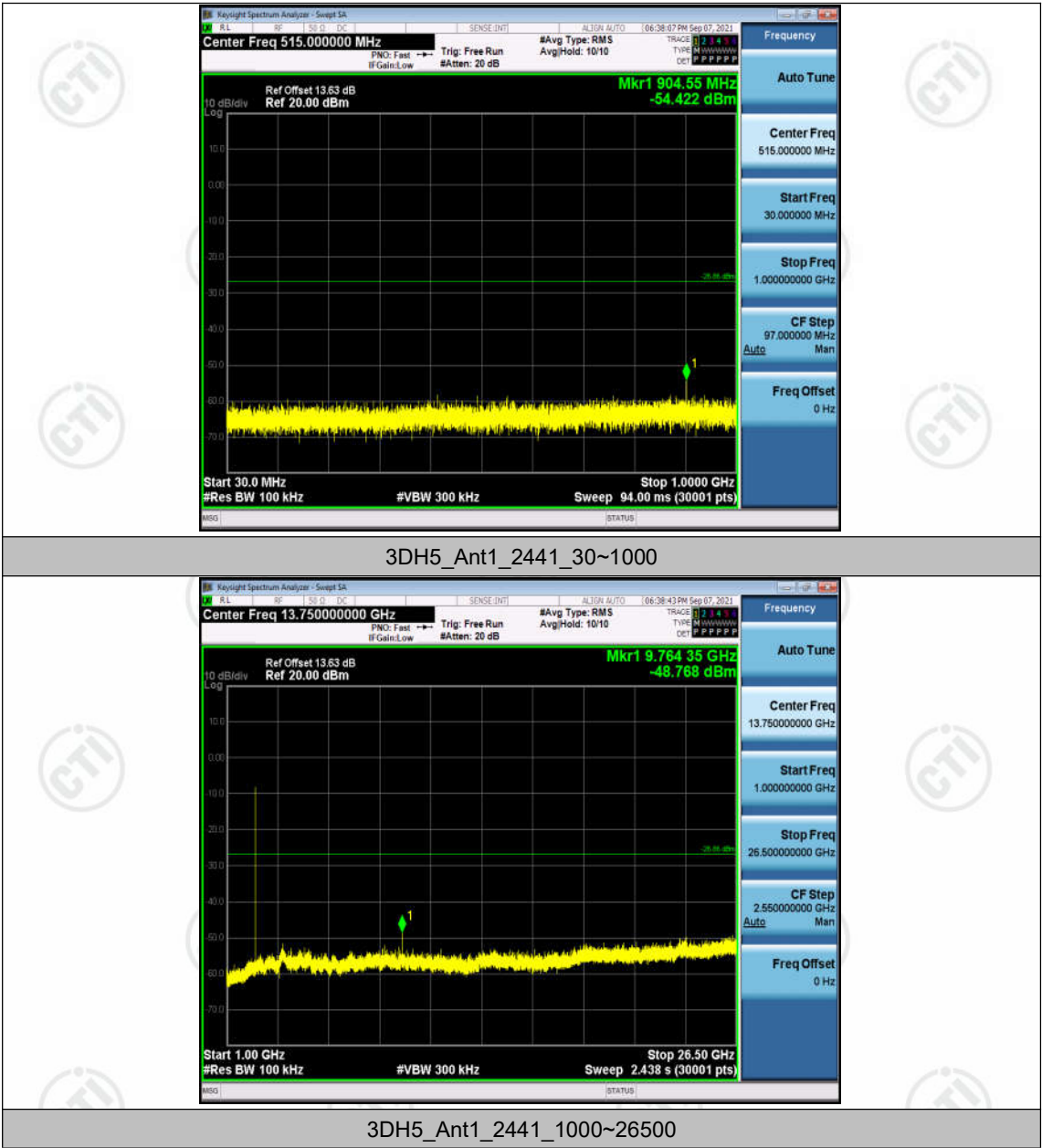


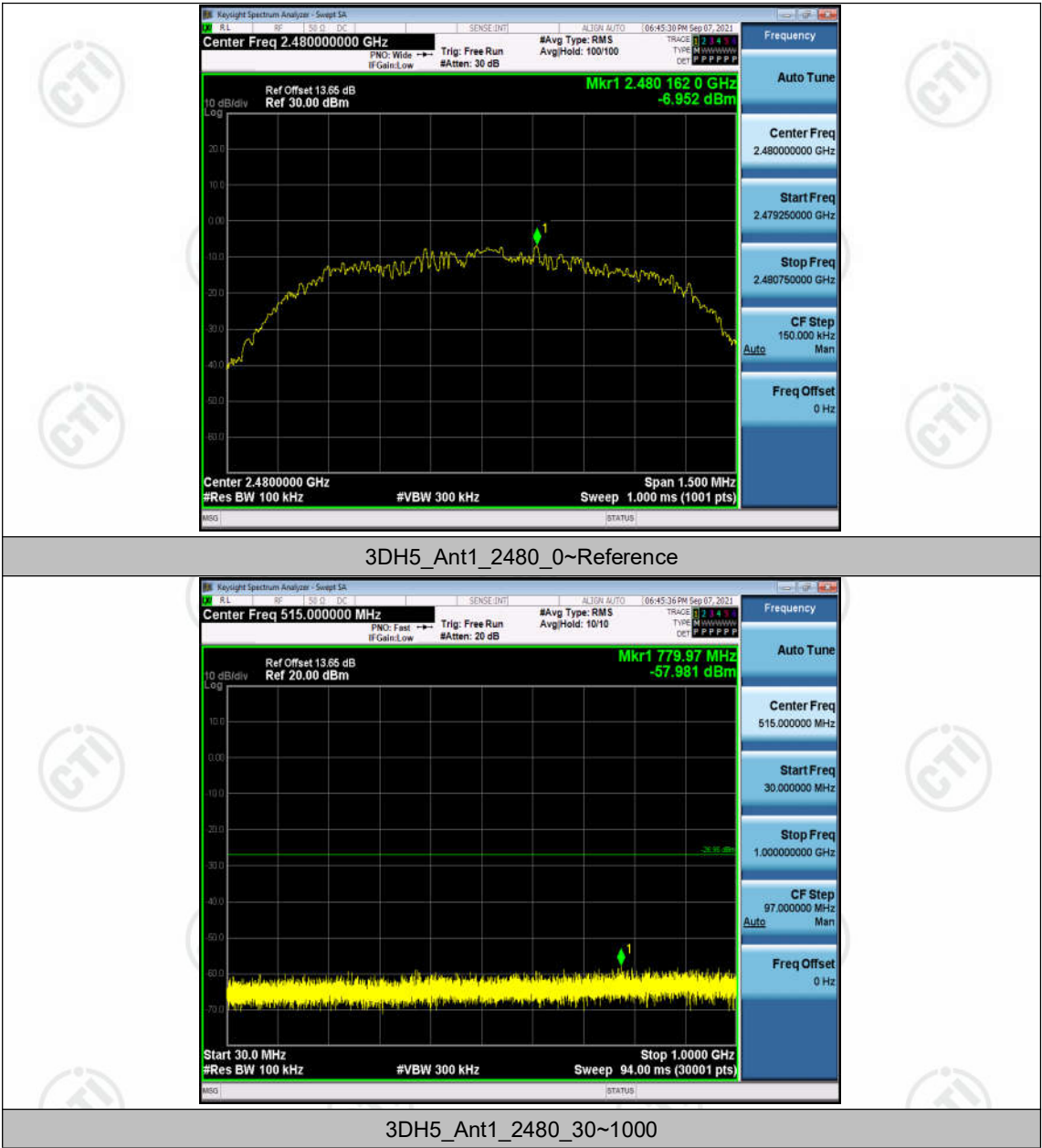


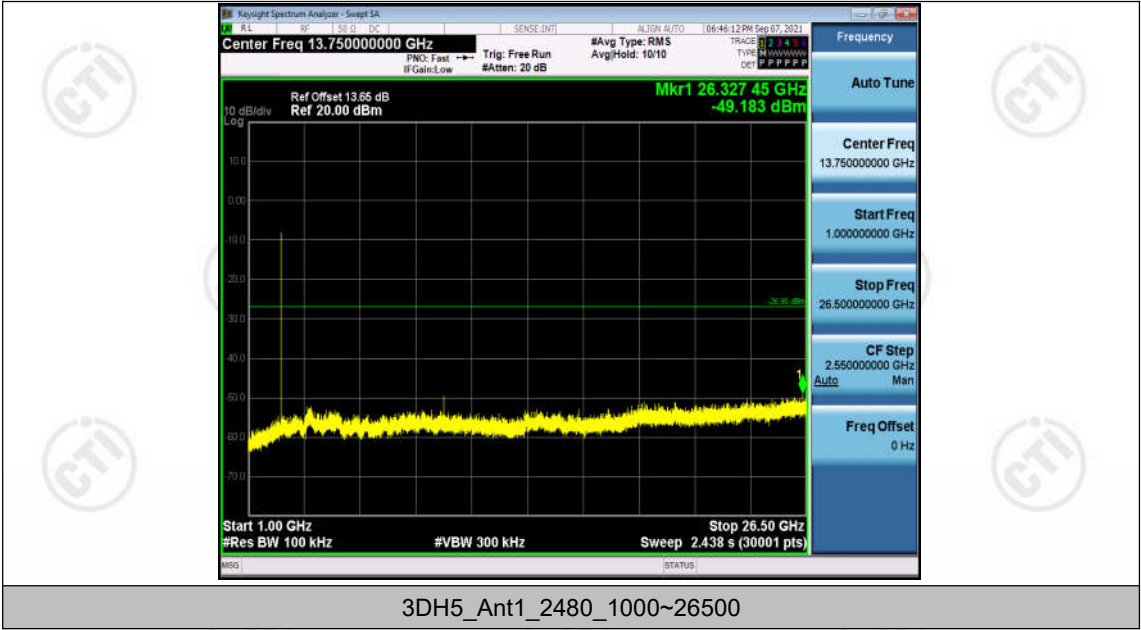










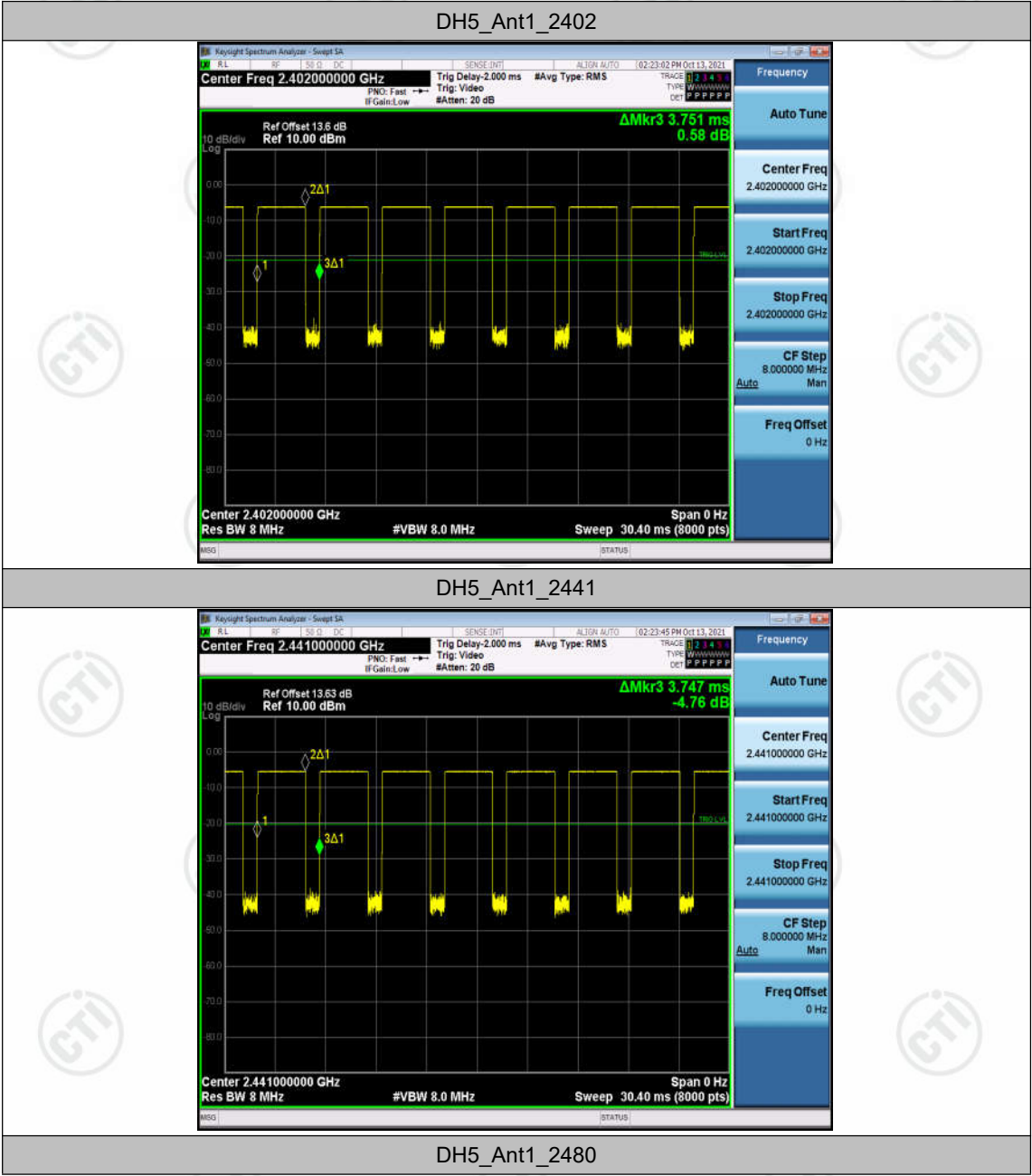


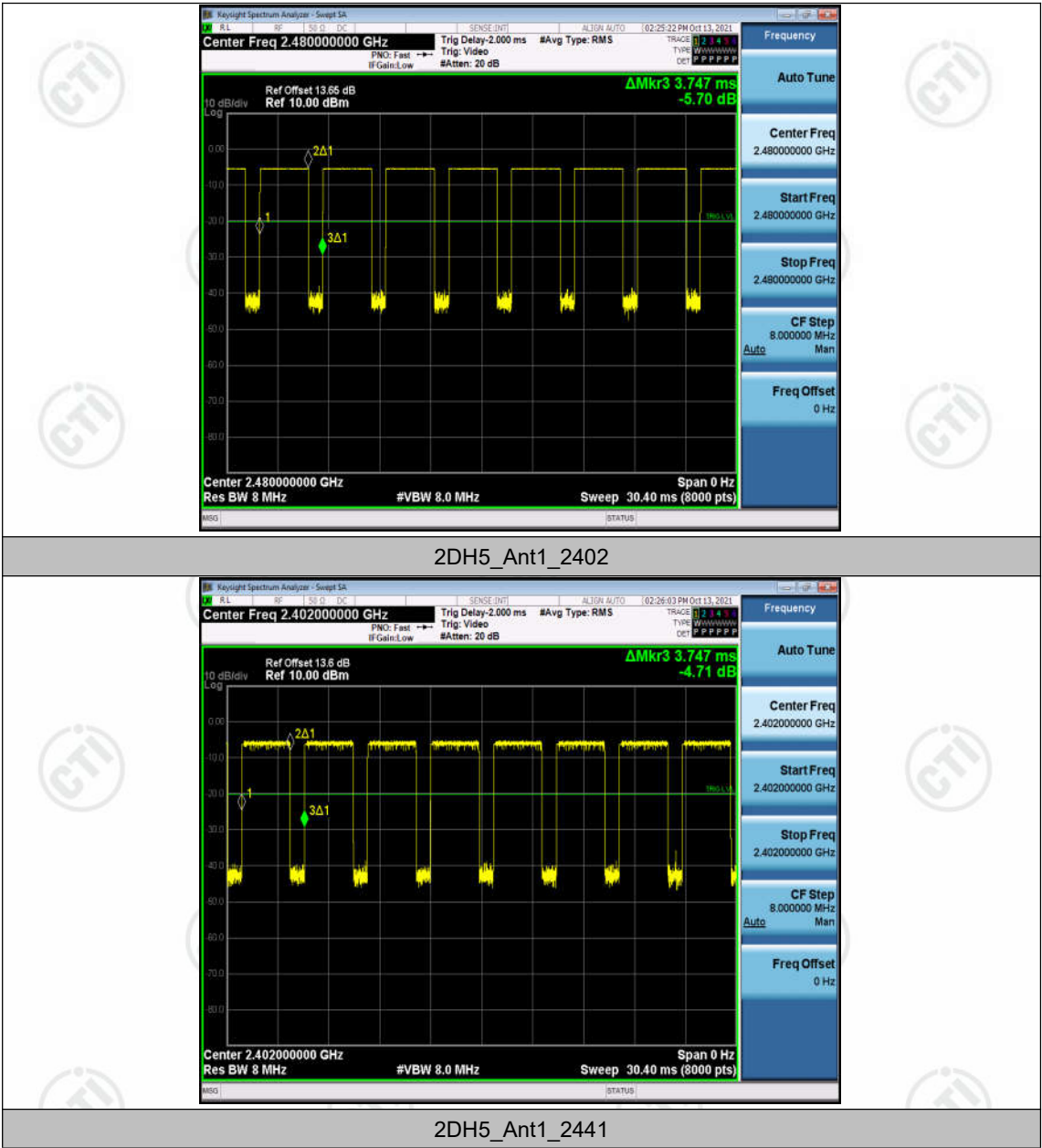
Appendix I: Duty Cycle

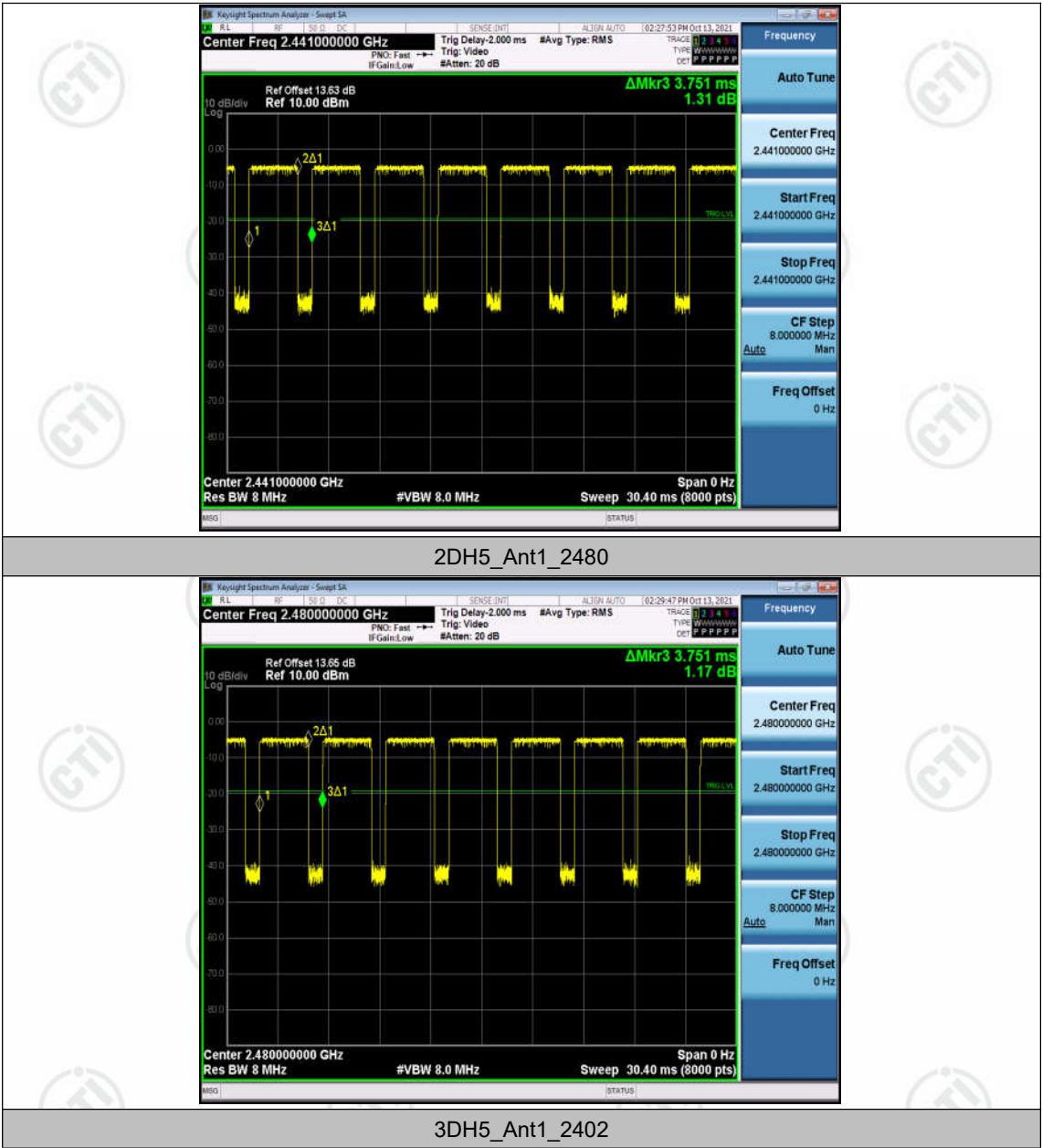
Test Result

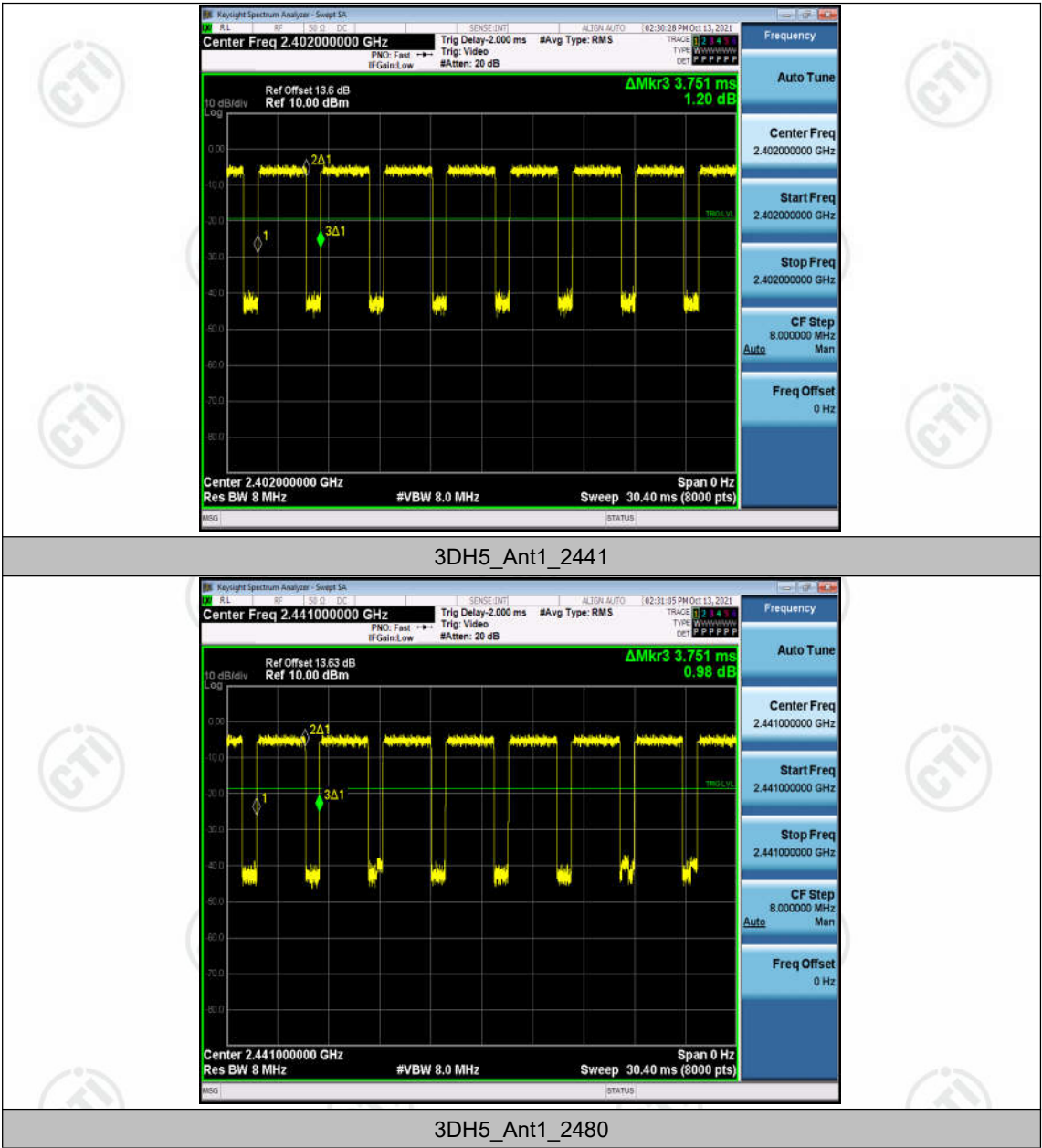
TestMode	Antenna	Channel	TransmissionDuration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.89	3.75	77.10	---	PASS
		2441	2.89	3.75	77.18	---	PASS
		2480	2.89	3.75	77.18	---	PASS
2DH5	Ant1	2402	2.90	3.75	77.38	---	PASS
		2441	2.90	3.75	77.30	---	PASS
		2480	2.90	3.75	77.30	---	PASS
3DH5	Ant1	2402	2.90	3.75	77.41	---	PASS
		2441	2.90	3.75	77.41	---	PASS
		2480	2.90	3.75	77.38	---	PASS

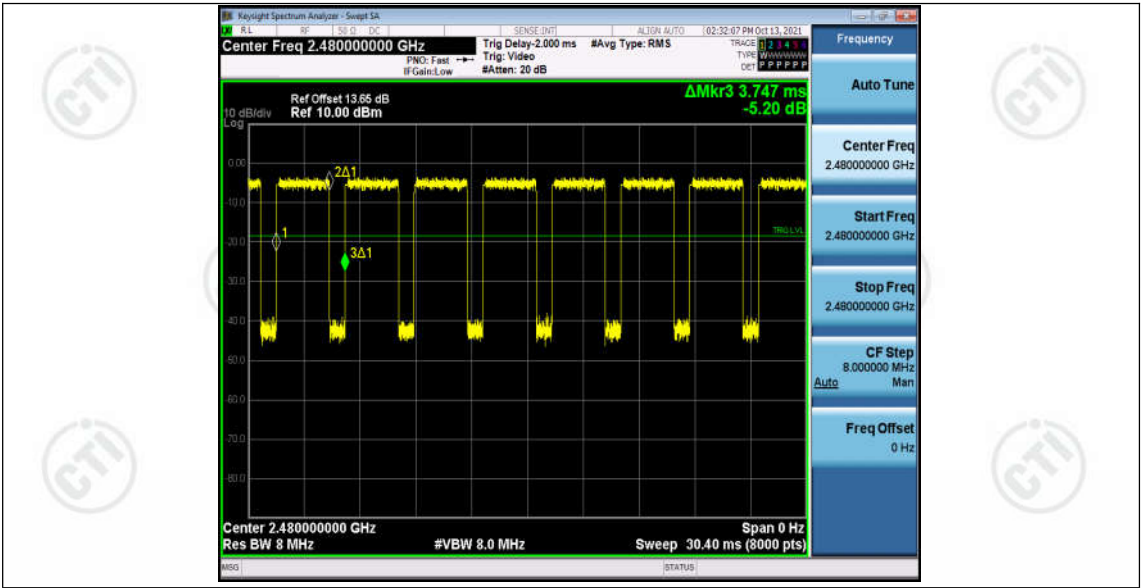
Test Graphs











*** End of Report ***