

Appendix: Bluetooth Classic

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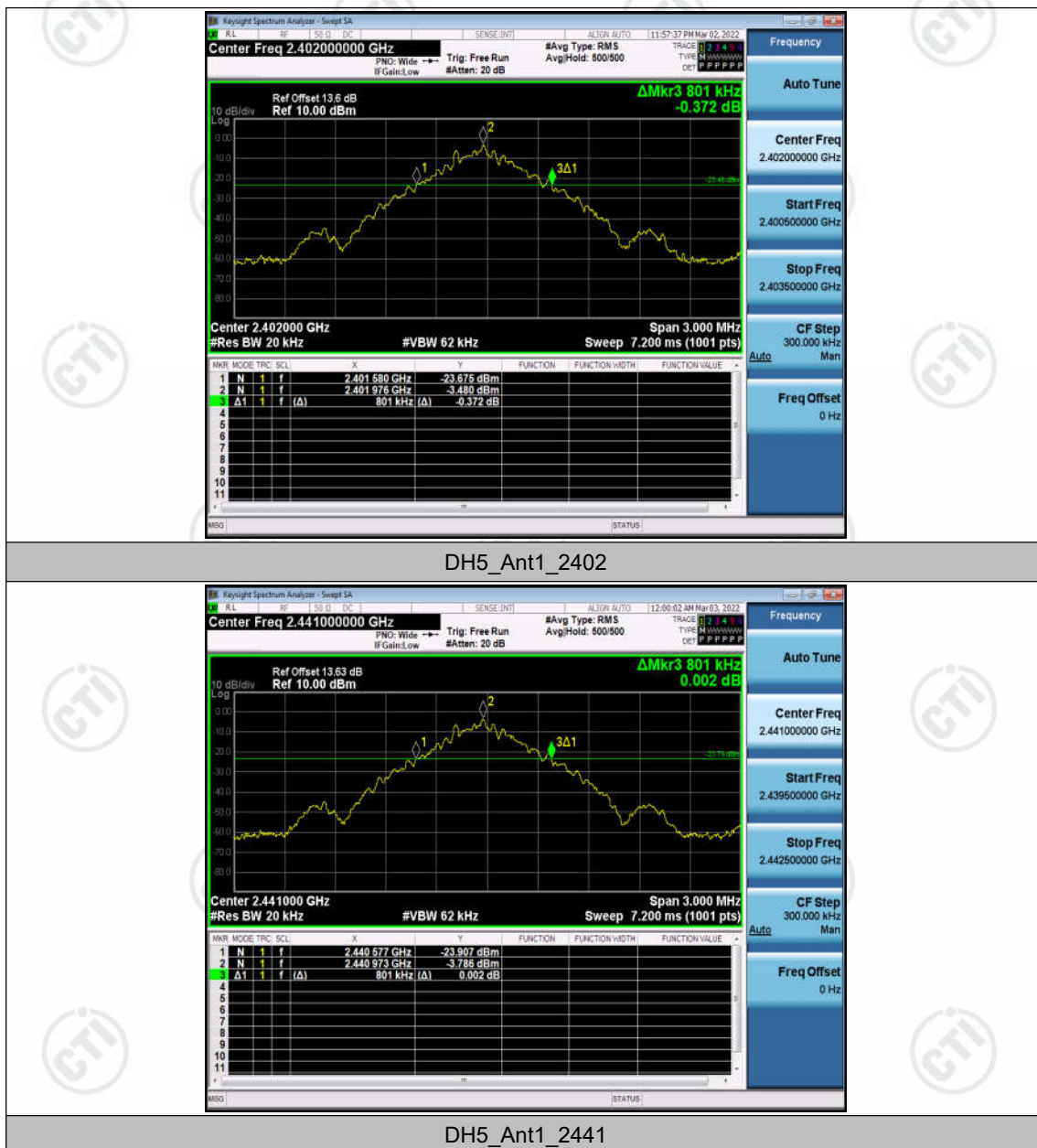
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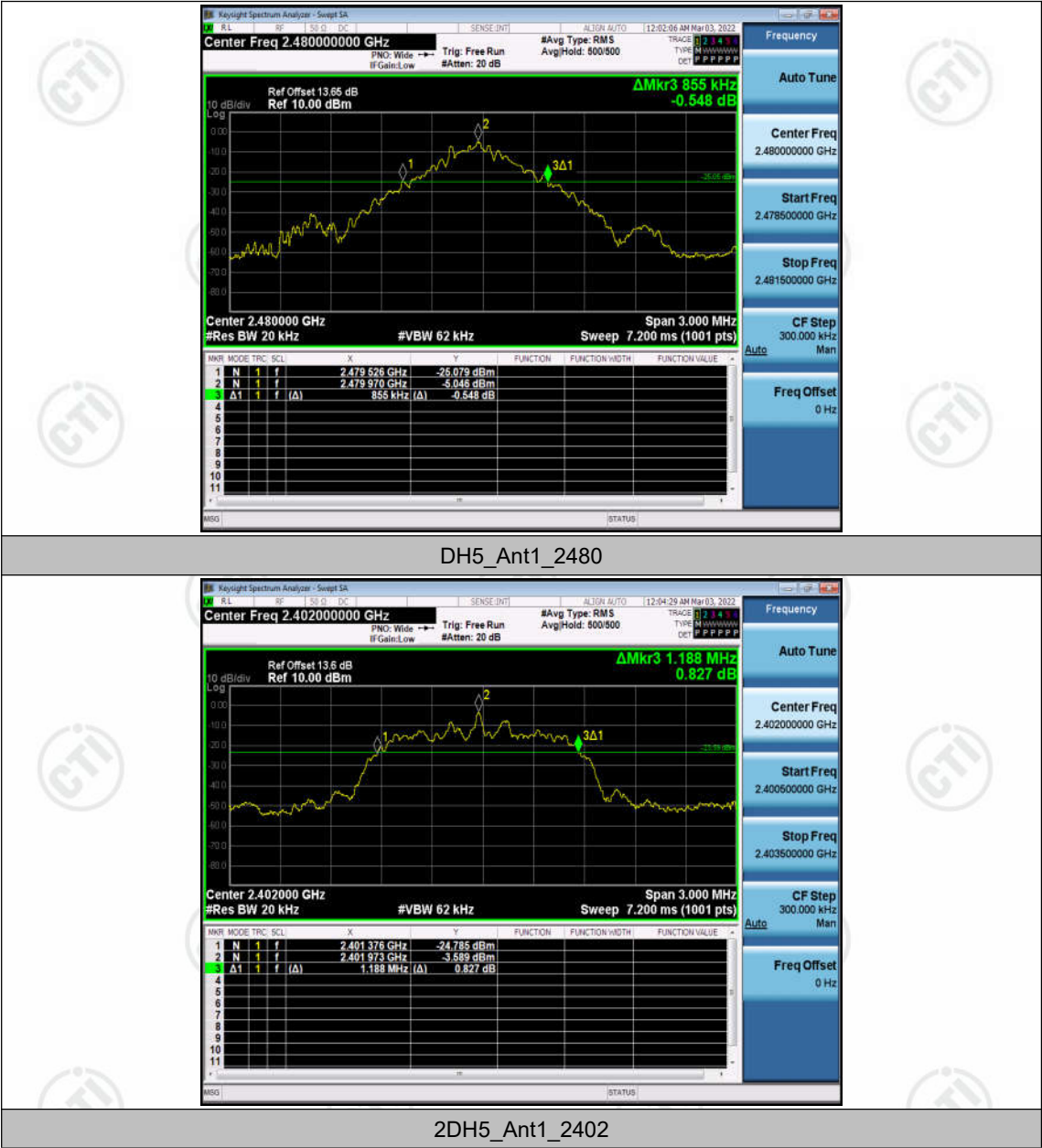
Appendix A: 20dB Emission Bandwidth

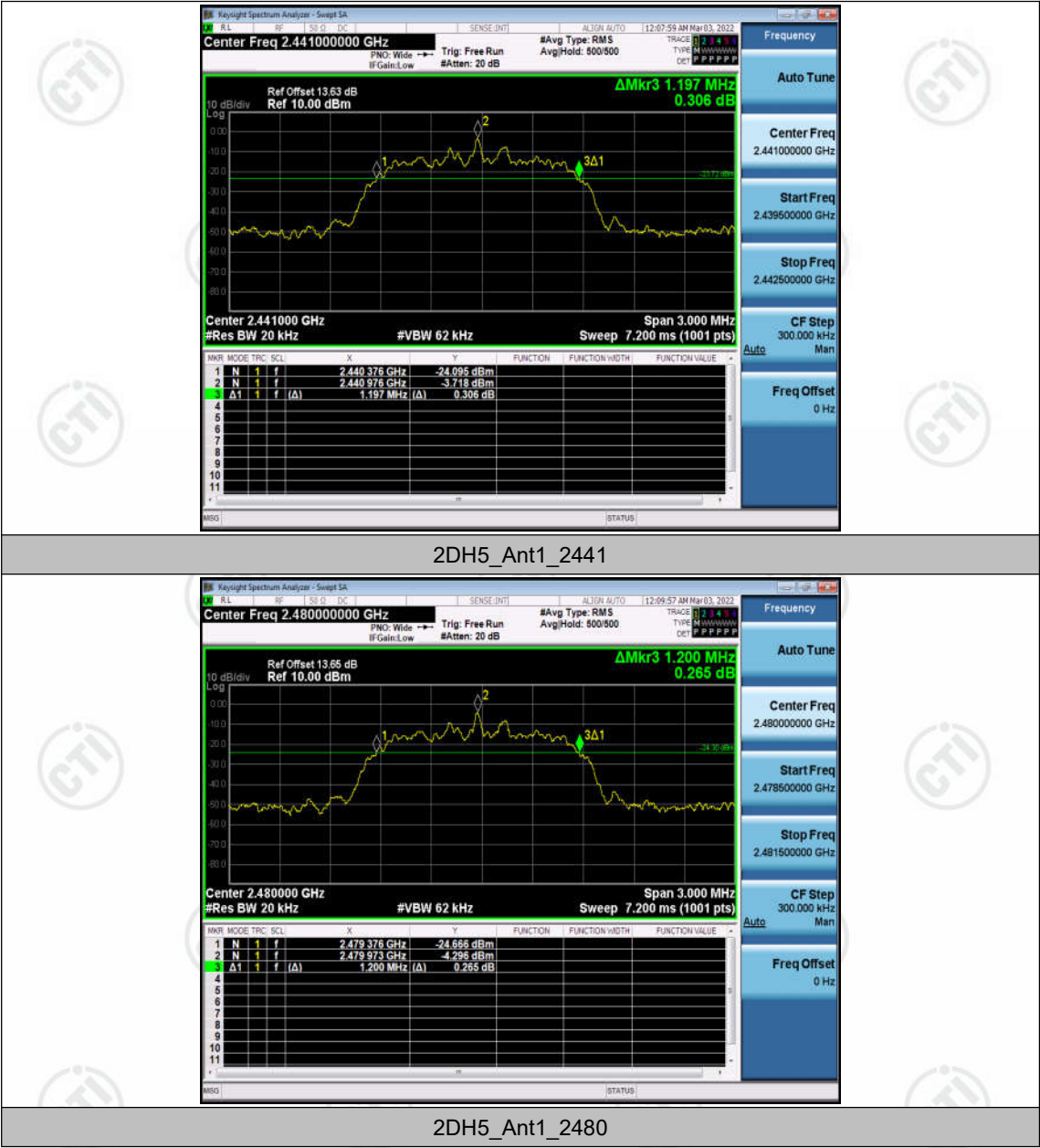
Test Result

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.801	2401.580	2402.381	---	PASS
		2441	0.801	2440.577	2441.378	---	PASS
		2480	0.855	2479.526	2480.381	---	PASS
2DH5	Ant1	2402	1.188	2401.376	2402.564	---	PASS
		2441	1.197	2440.376	2441.573	---	PASS
		2480	1.200	2479.376	2480.576	---	PASS

Test Graphs





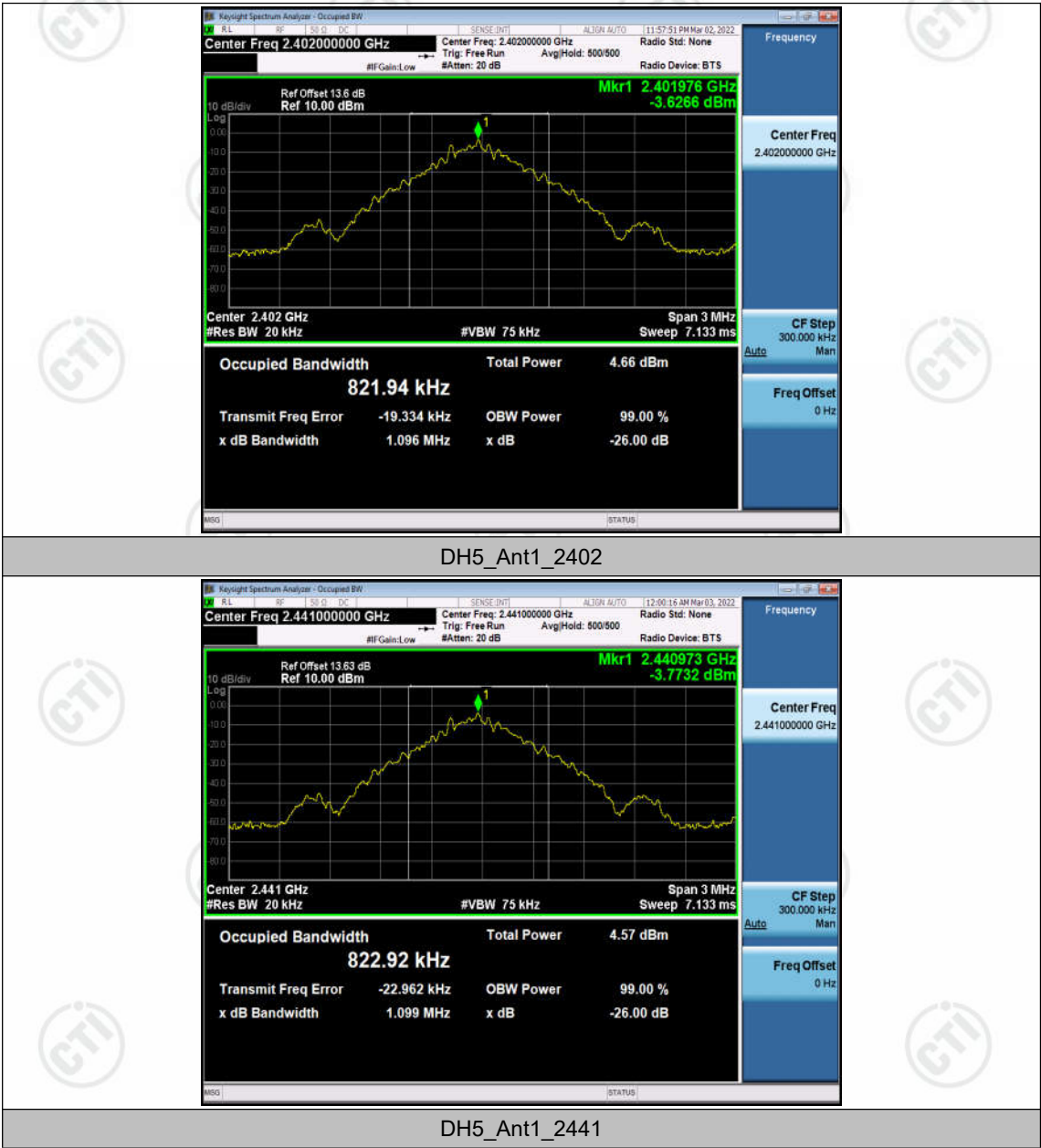


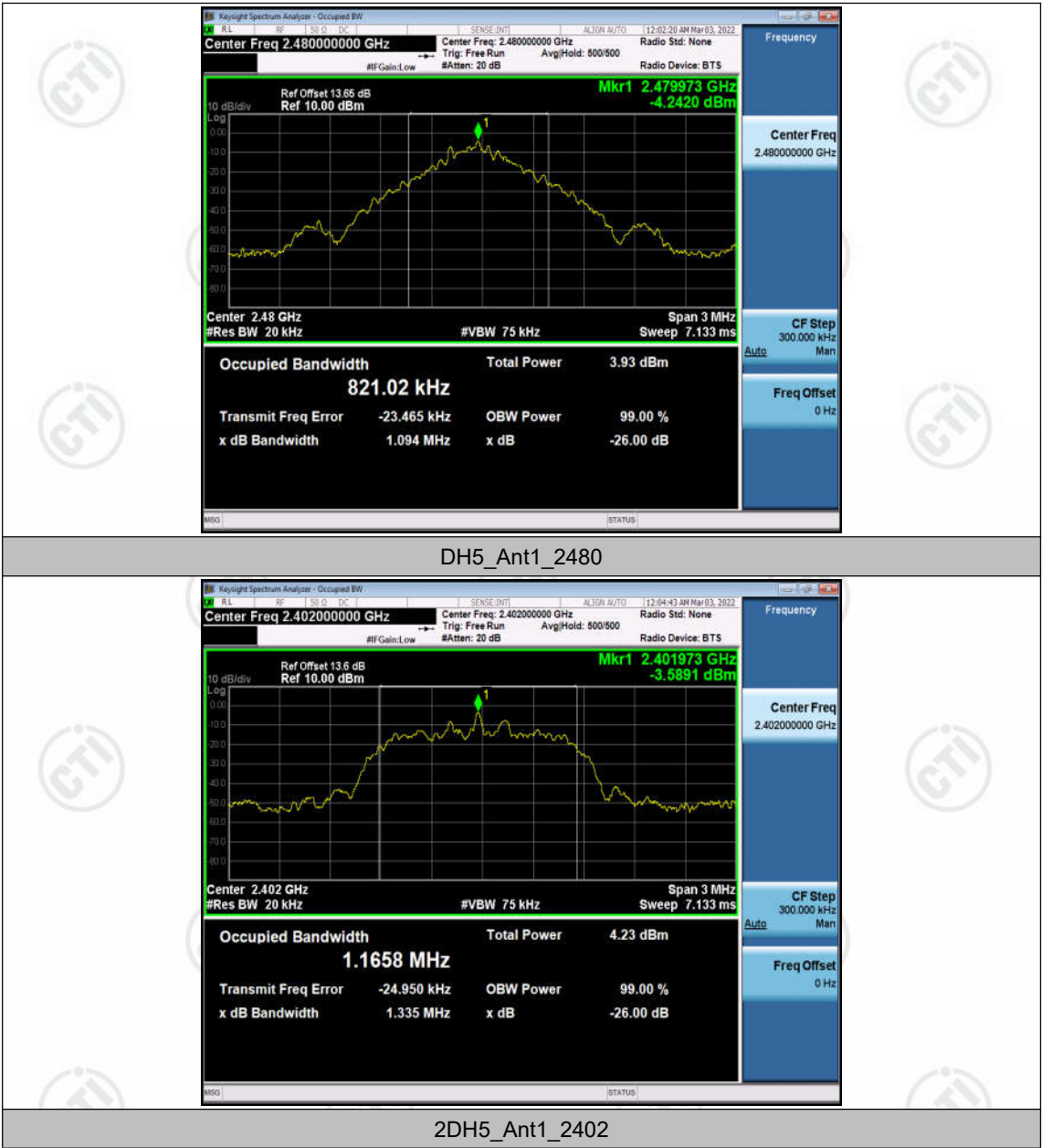
Appendix B: Occupied Channel Bandwidth

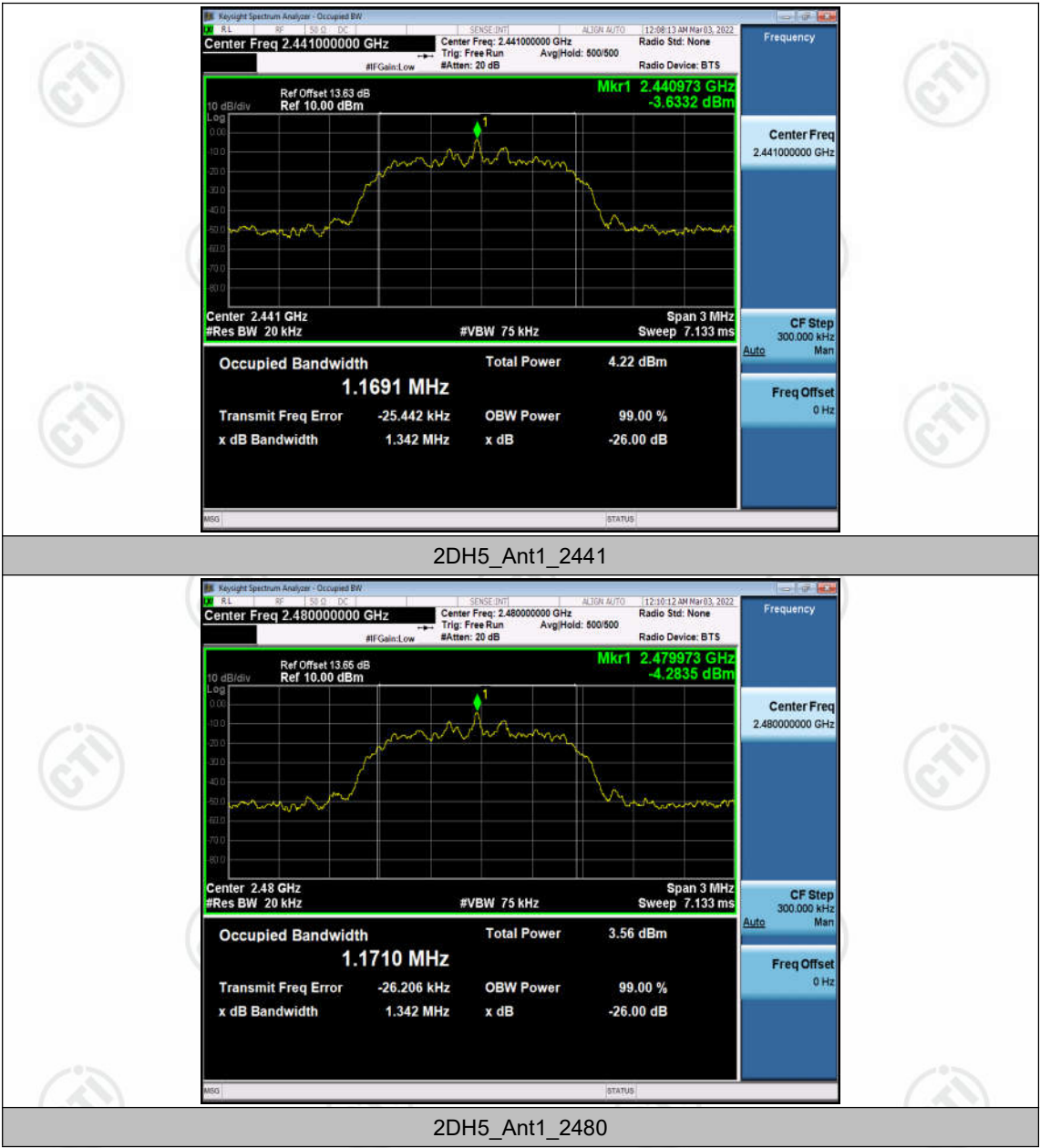
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.82194	2401.570	2402.392	---	PASS
		2441	0.82292	2440.566	2441.389	---	PASS
		2480	0.82102	2479.566	2480.387	---	PASS
2DH5	Ant1	2402	1.1658	2401.392	2402.558	---	PASS
		2441	1.1691	2440.390	2441.559	---	PASS
		2480	1.1710	2479.388	2480.559	---	PASS

Test Graphs





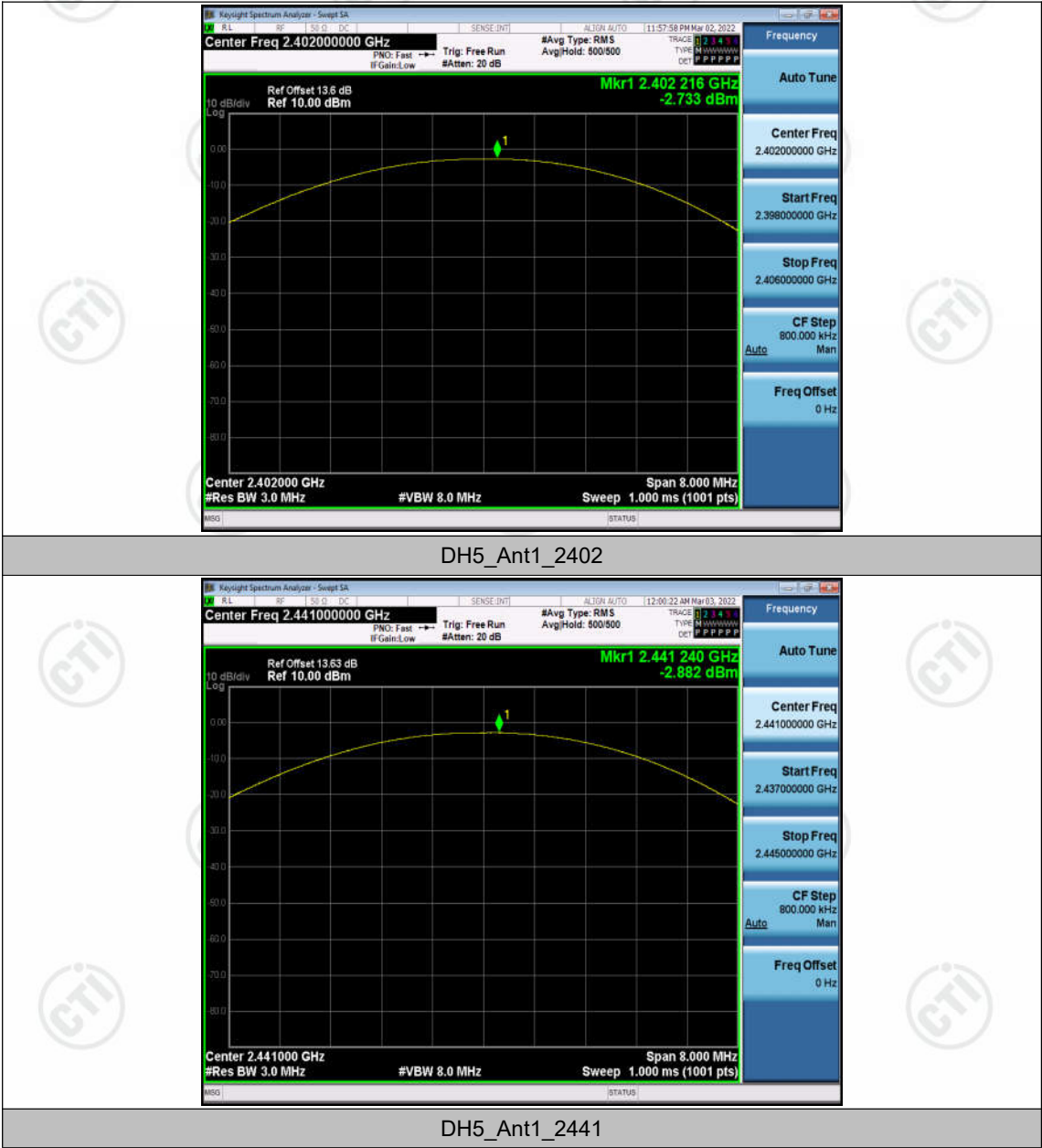


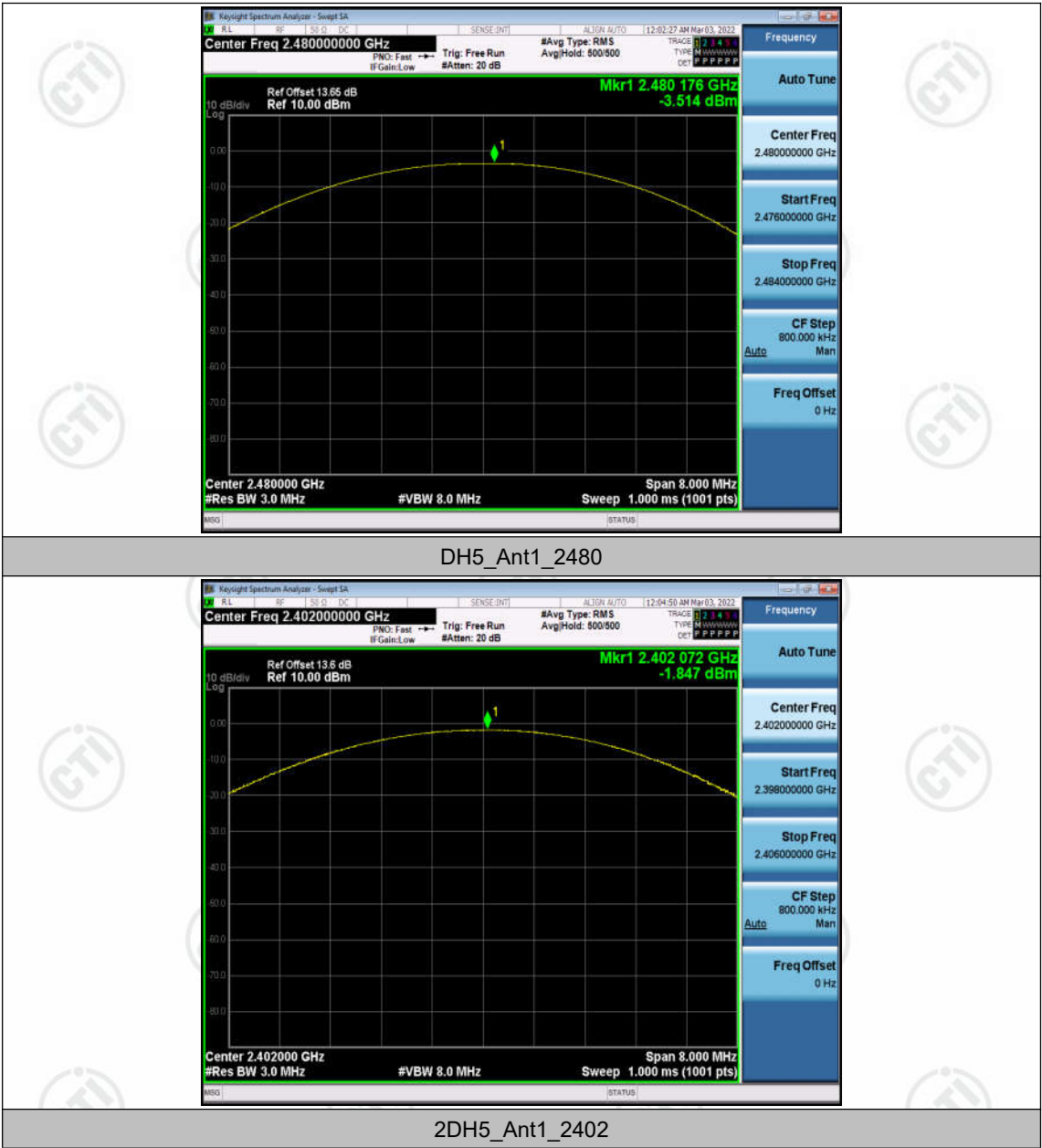
Appendix C: Maximum conducted output power

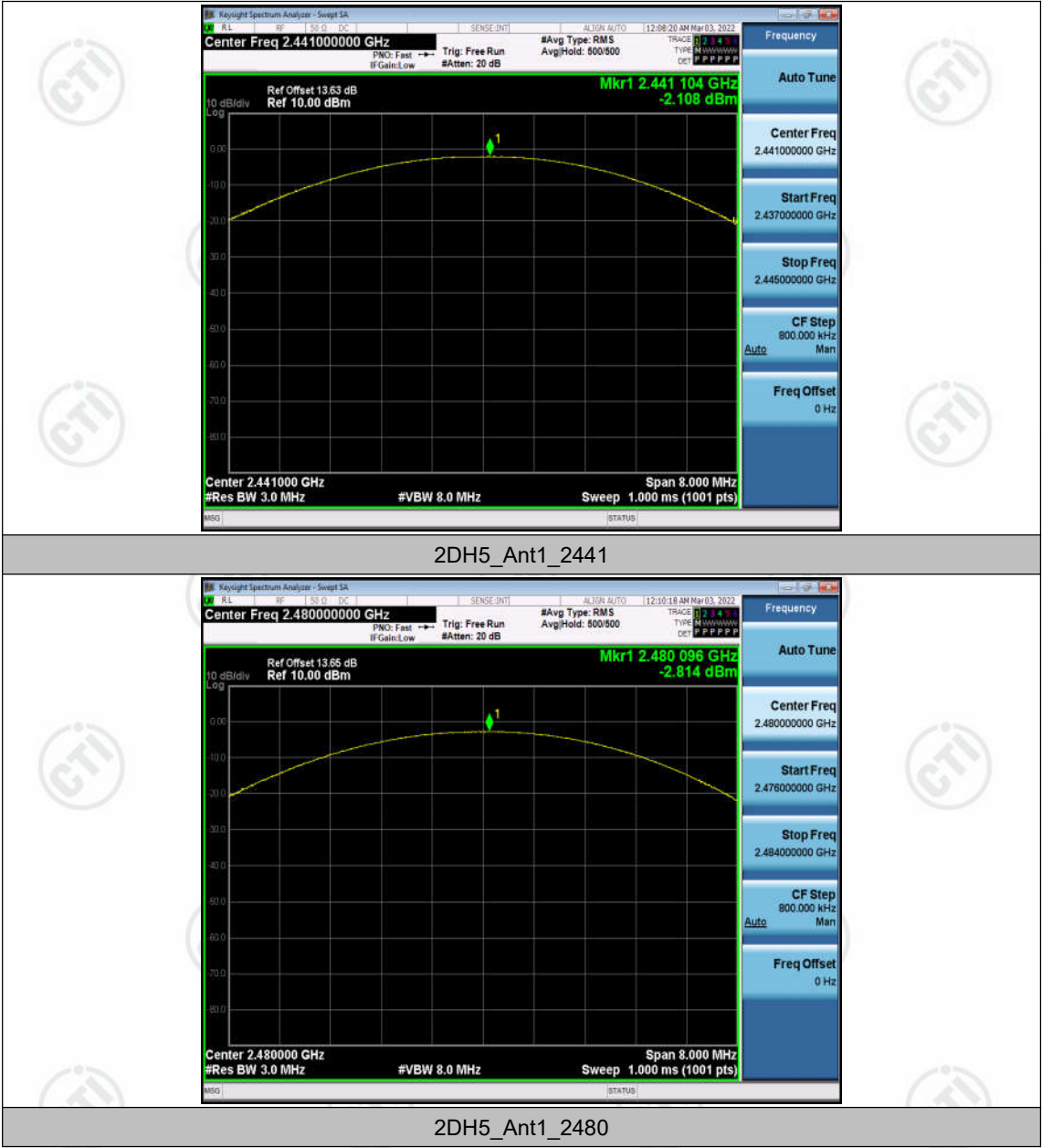
Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-2.73	<=20.97	PASS
		2441	-2.88	<=20.97	PASS
		2480	-3.51	<=20.97	PASS
2DH5	Ant1	2402	-1.85	<=20.97	PASS
		2441	-2.11	<=20.97	PASS
		2480	-2.81	<=20.97	PASS

Test Graphs







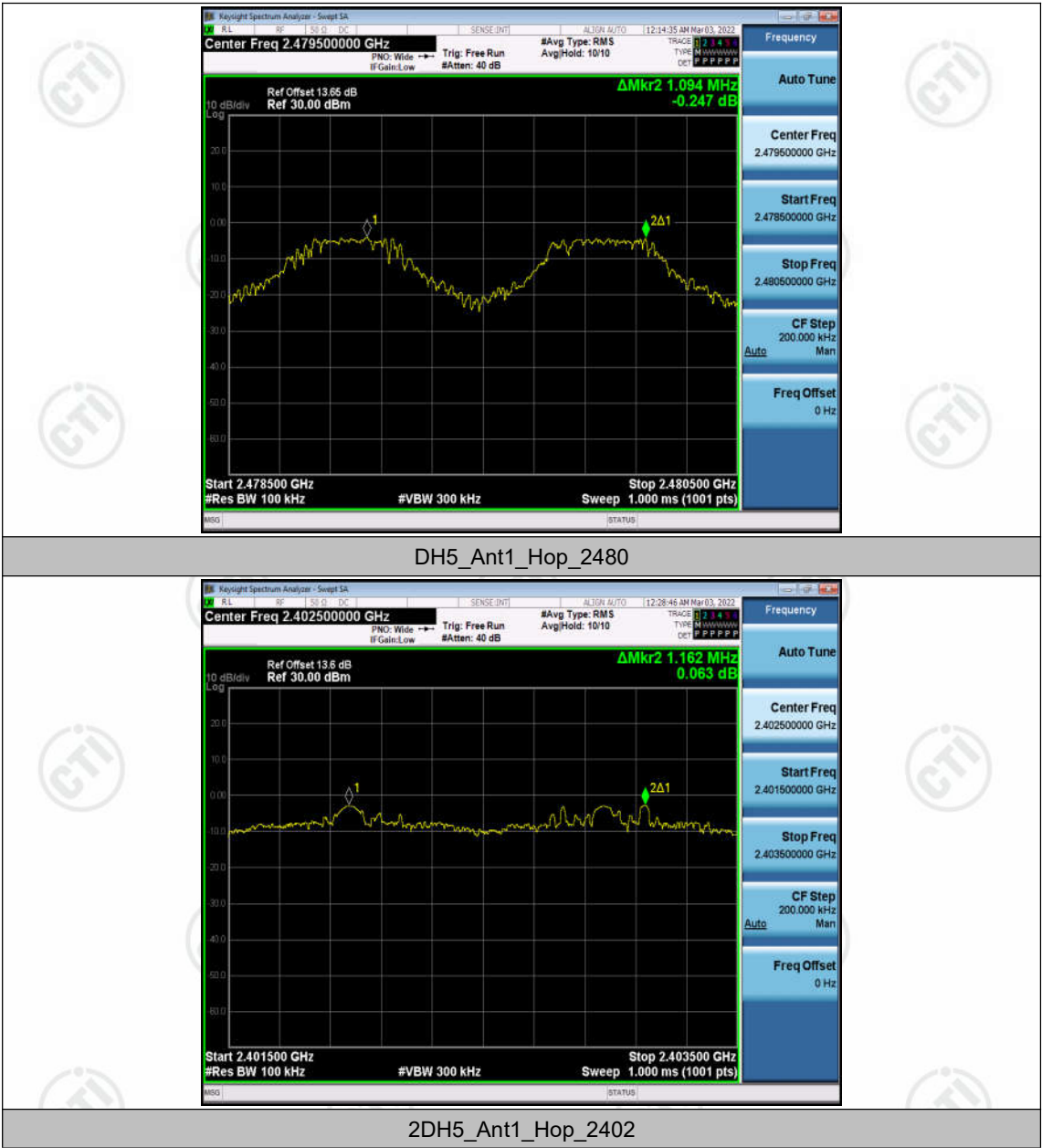
Appendix D: Carrier frequency separation

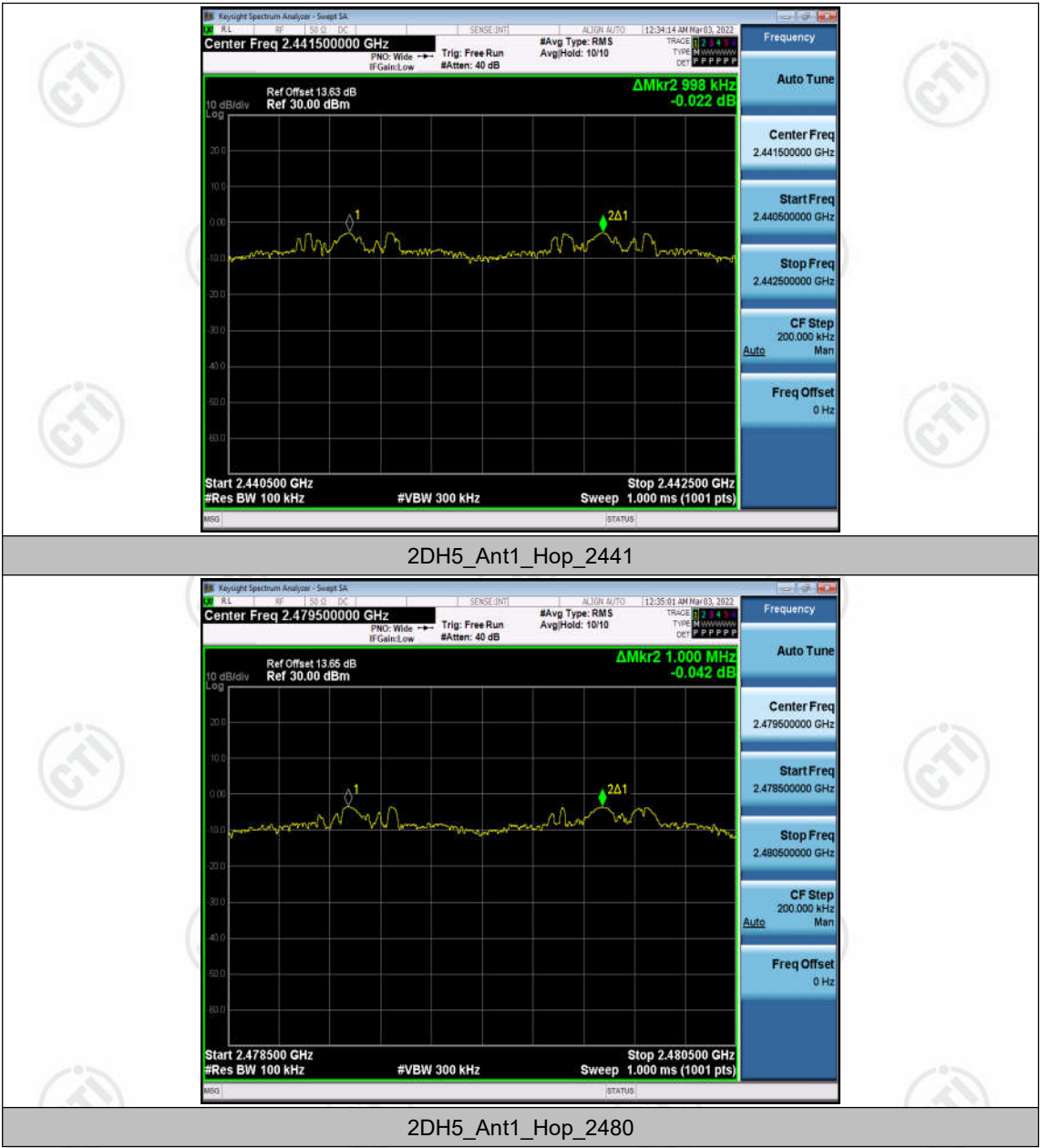
Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	1.144	≥ 0.855	PASS
		Hop_2441	1.094	≥ 0.855	PASS
		Hop_2480	1.094	≥ 0.855	PASS
2DH5	Ant1	Hop_2402	1.162	≥ 0.800	PASS
		Hop_2441	0.998	≥ 0.800	PASS
		Hop_2480	1	≥ 0.800	PASS

Test Graphs





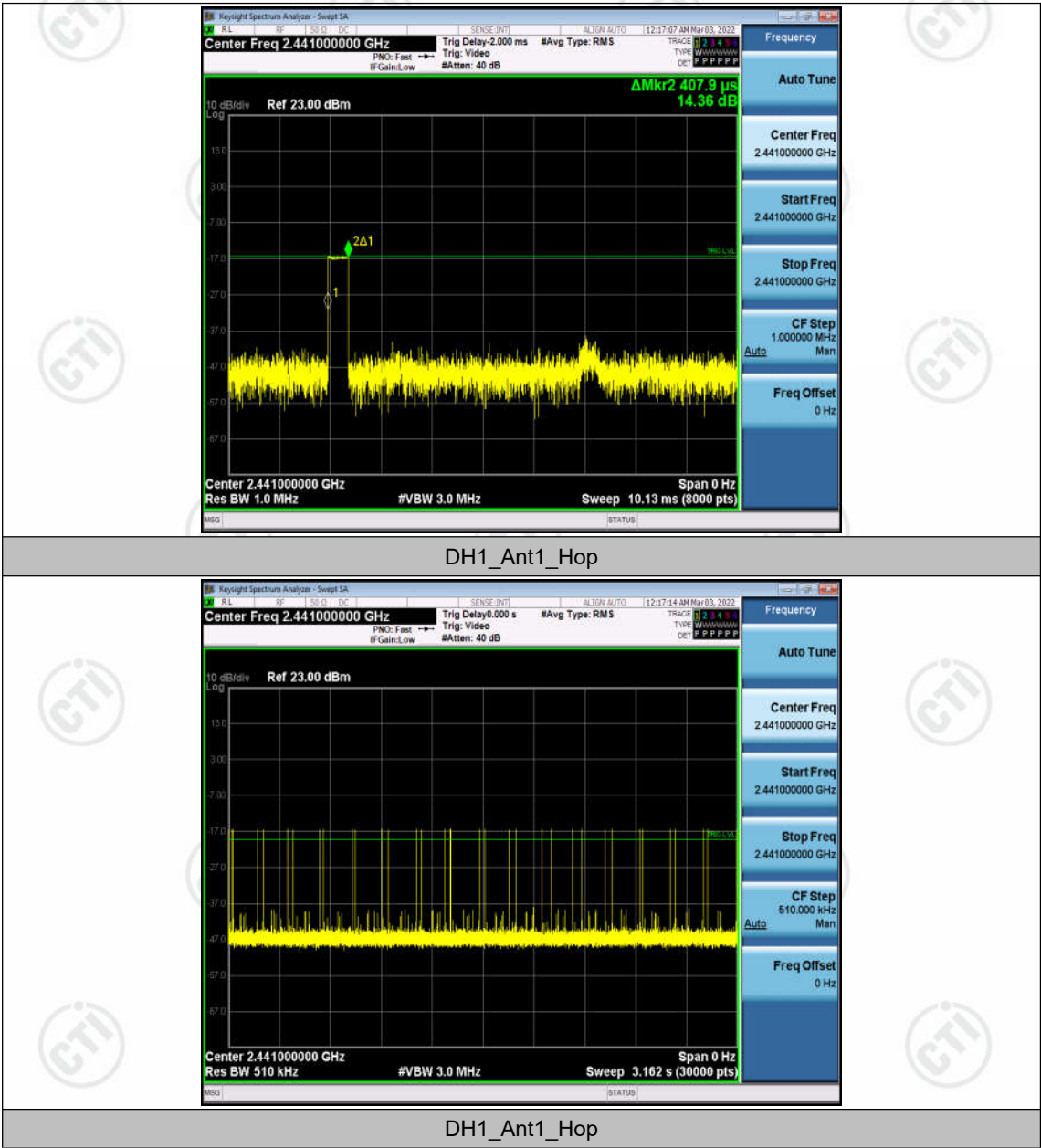


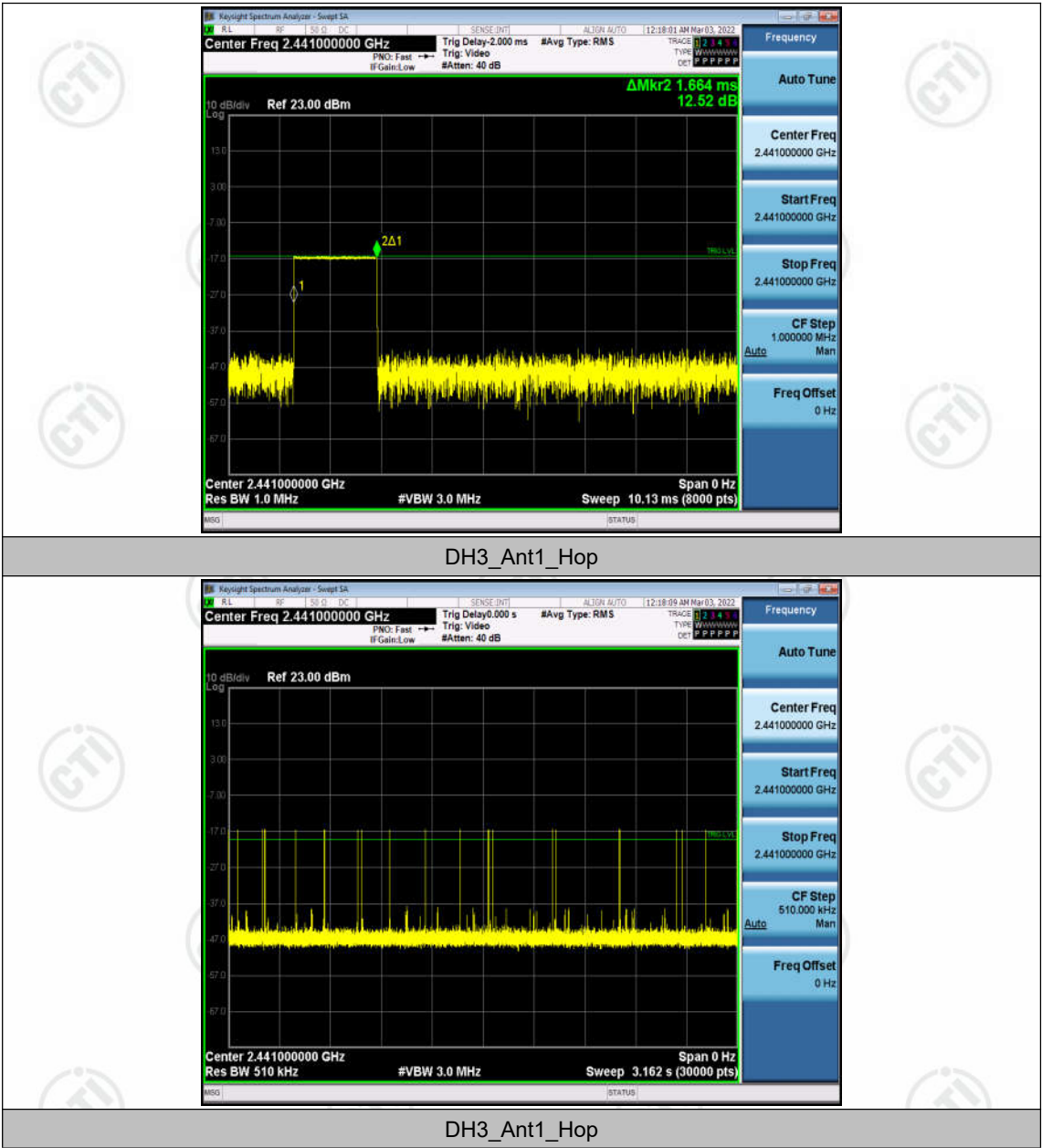
Appendix E: Time of occupancy

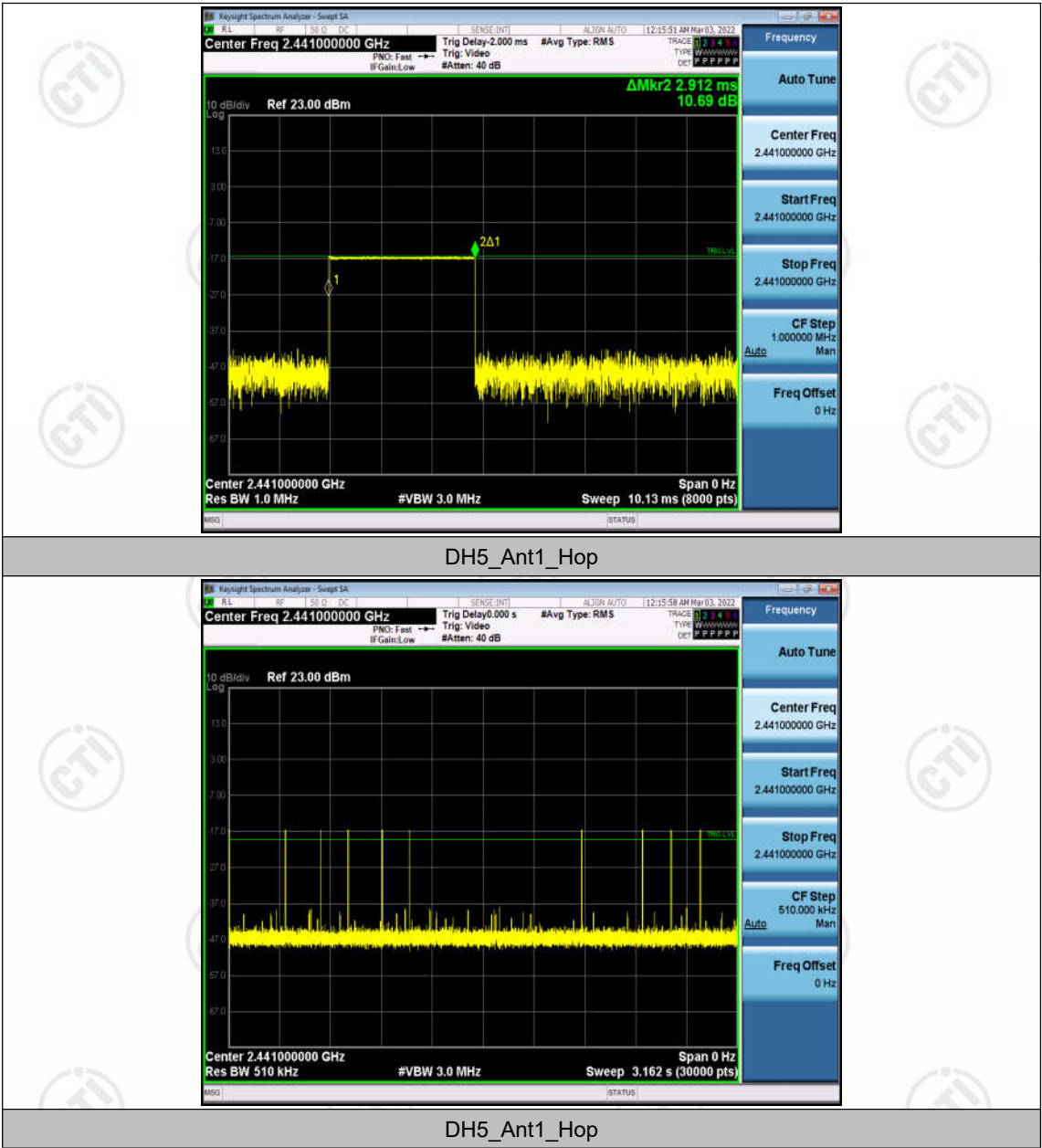
Test Result

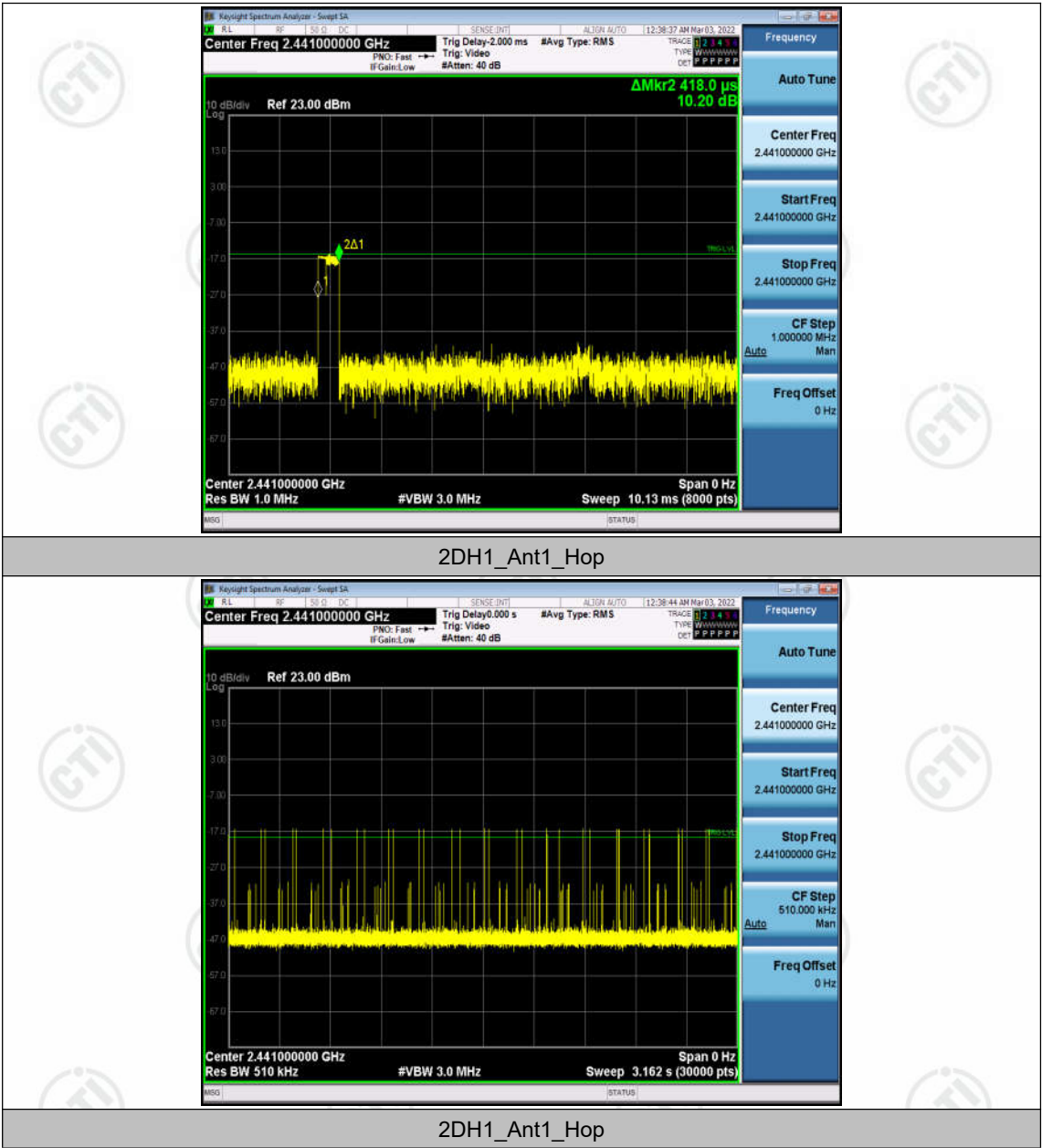
Test Mode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.41	330	0.135	<=0.4	PASS
DH3	Ant1	Hop	1.66	200	0.333	<=0.4	PASS
DH5	Ant1	Hop	2.91	100	0.291	<=0.4	PASS
2DH1	Ant1	Hop	0.42	330	0.138	<=0.4	PASS
2DH3	Ant1	Hop	1.67	180	0.301	<=0.4	PASS
2DH5	Ant1	Hop	2.92	130	0.379	<=0.4	PASS

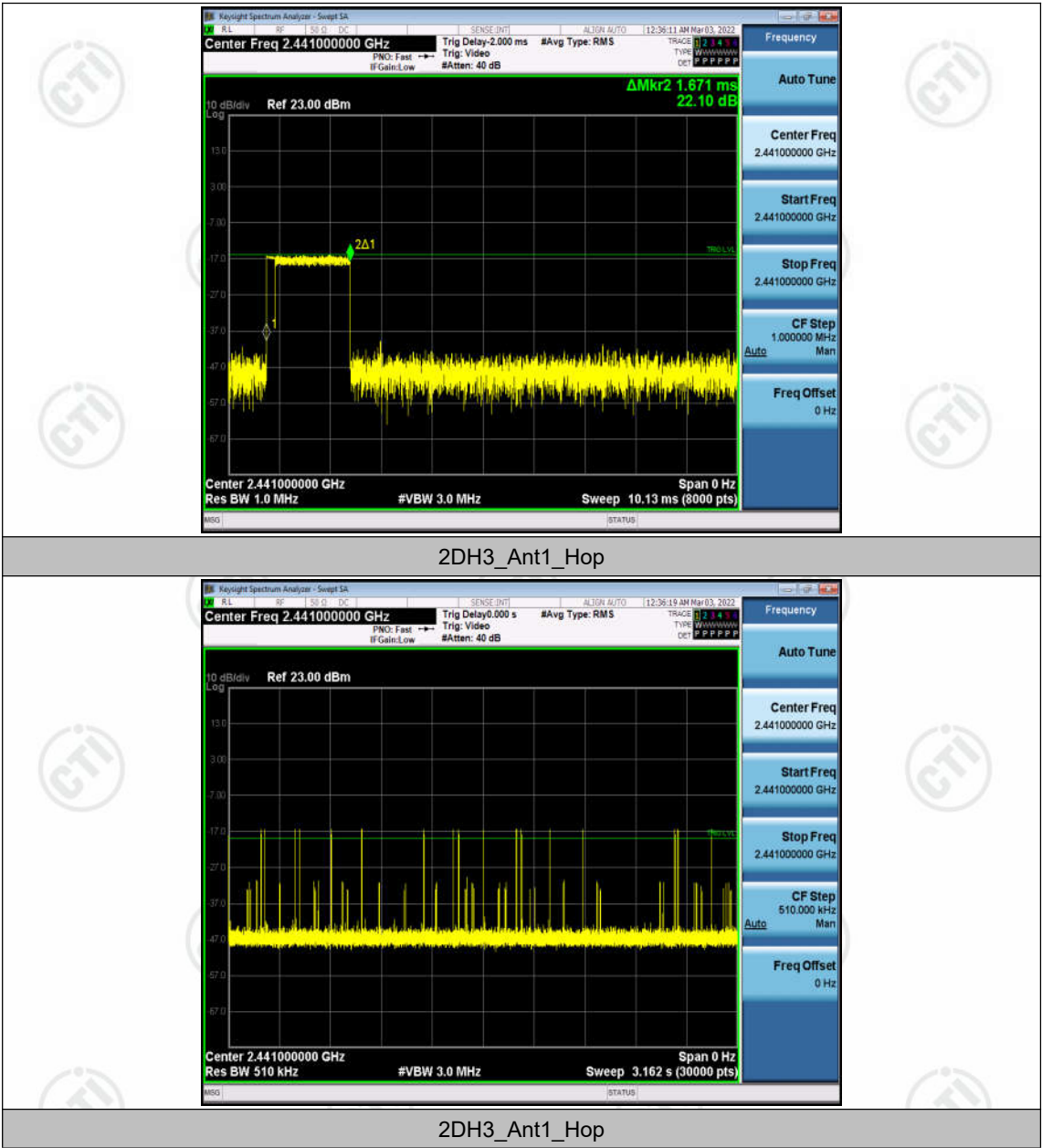
Test Graphs

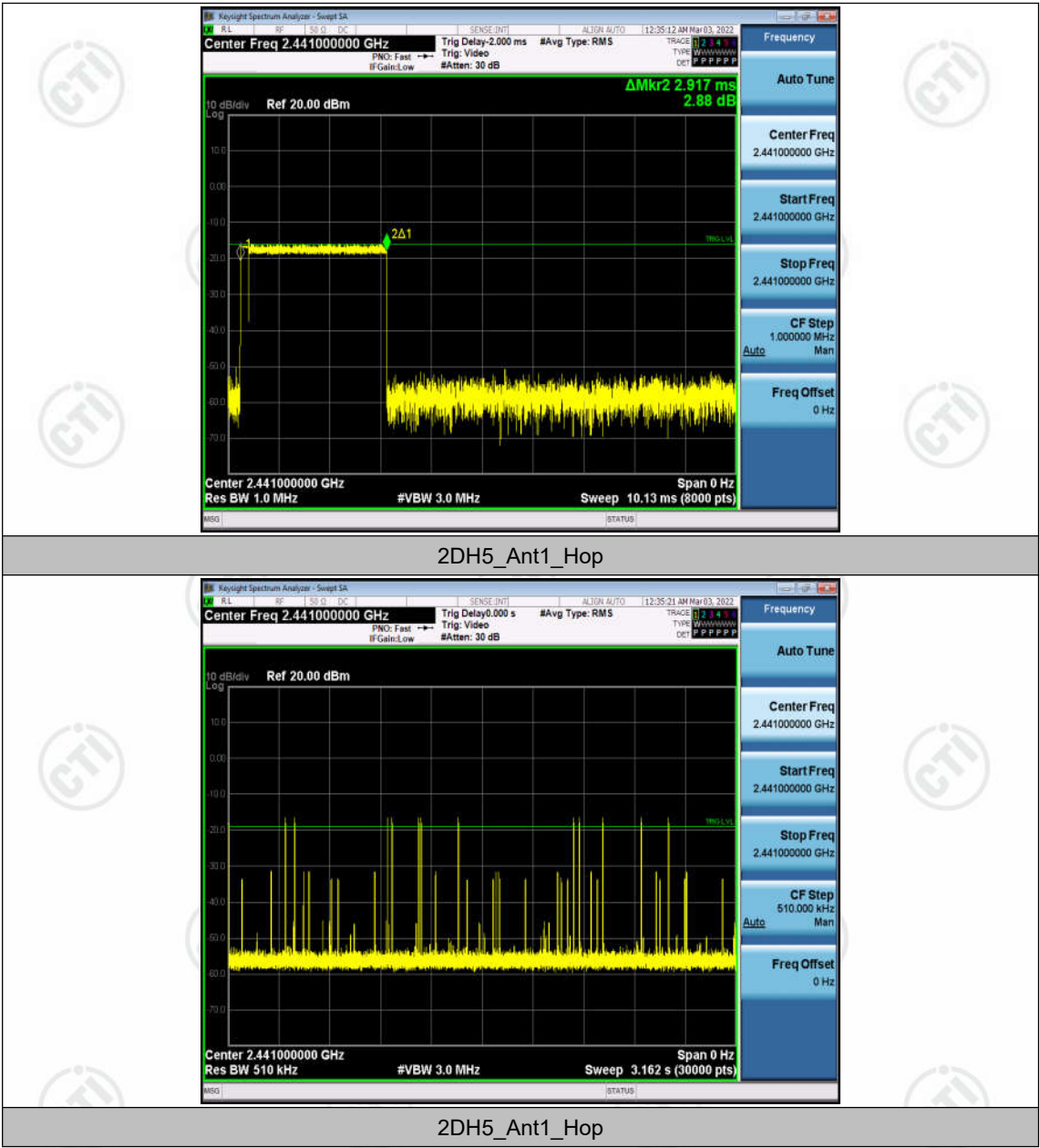










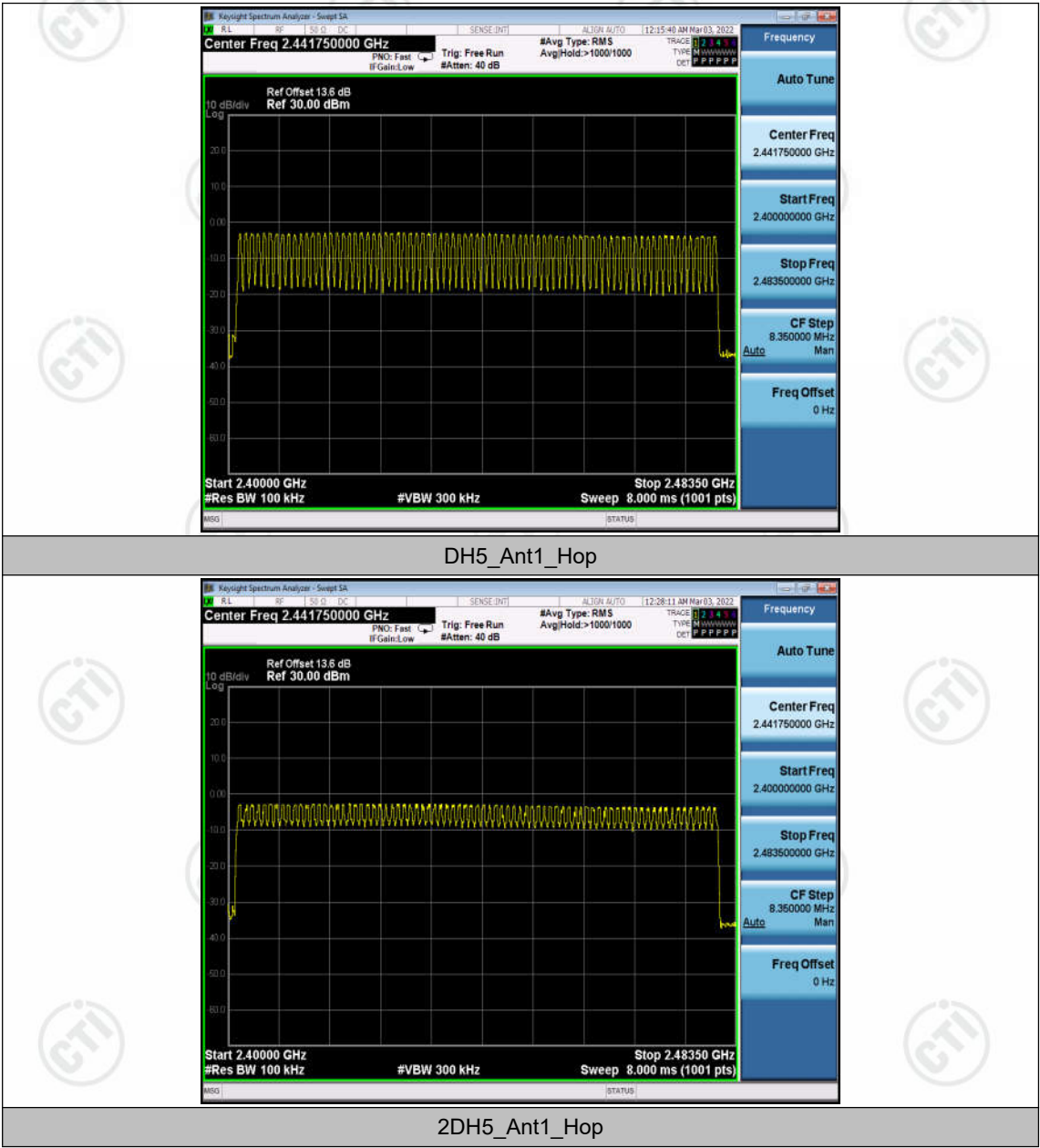


Appendix F: Number of hopping channels

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

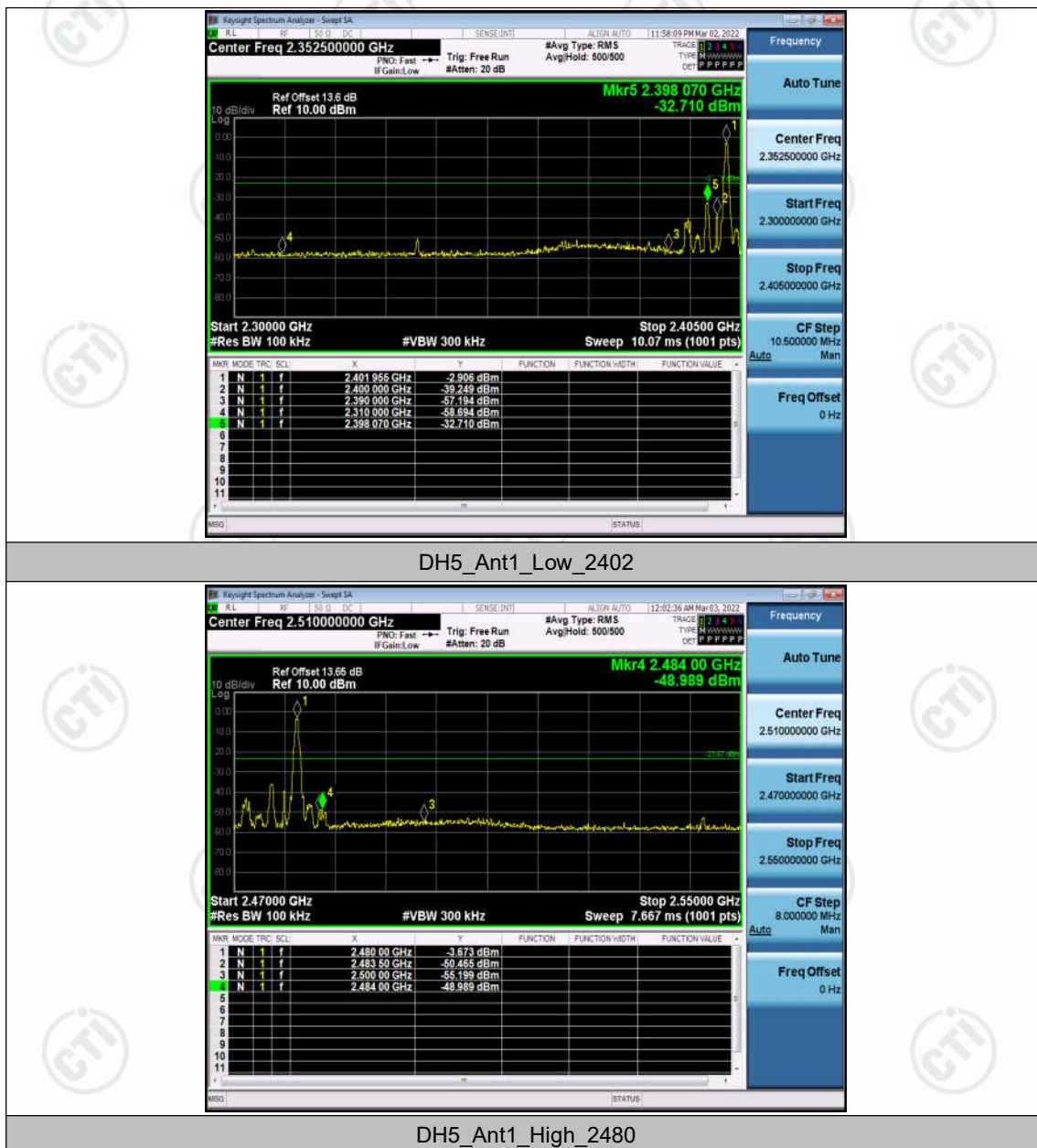


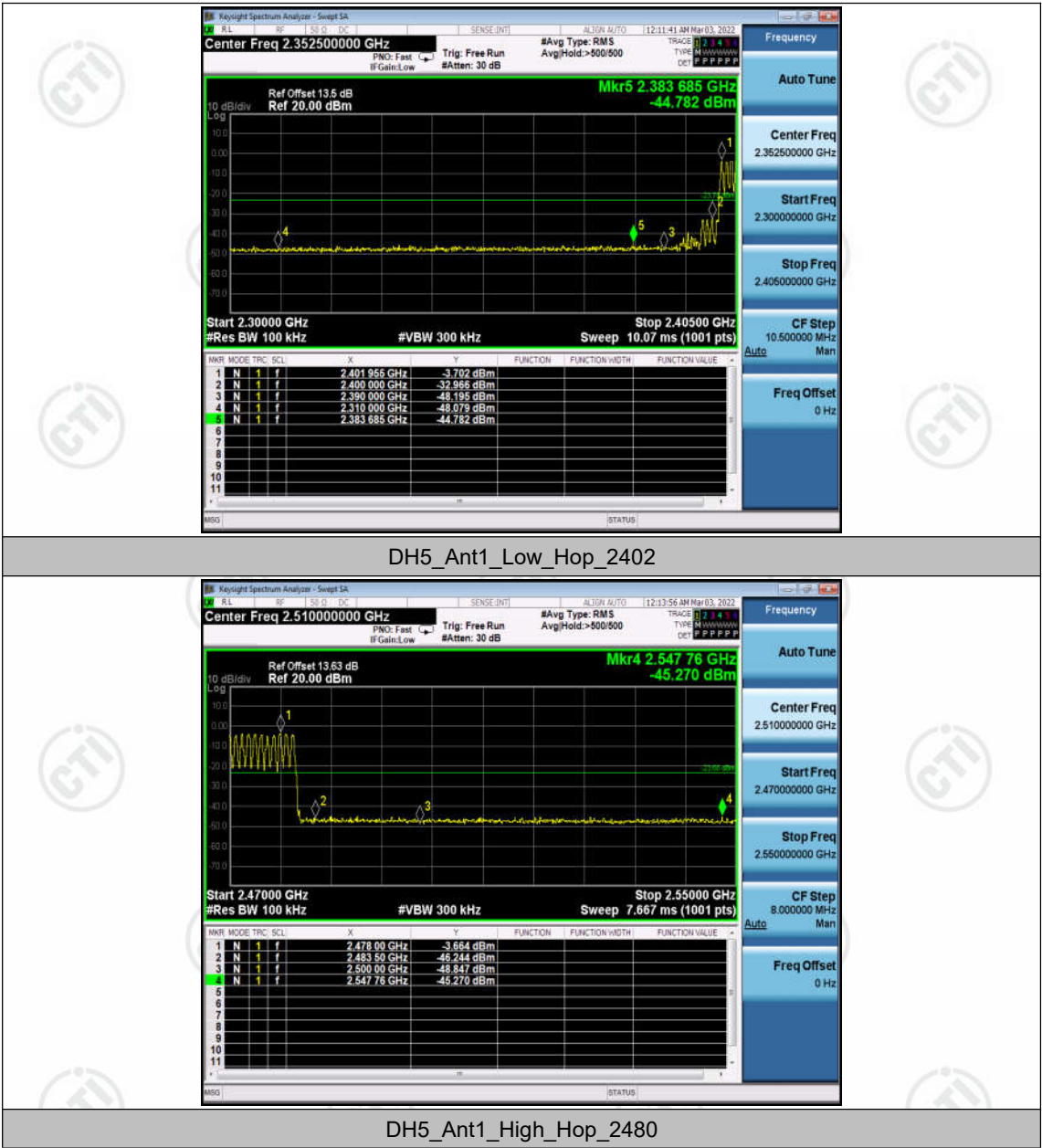
Appendix G: Band edge measurements

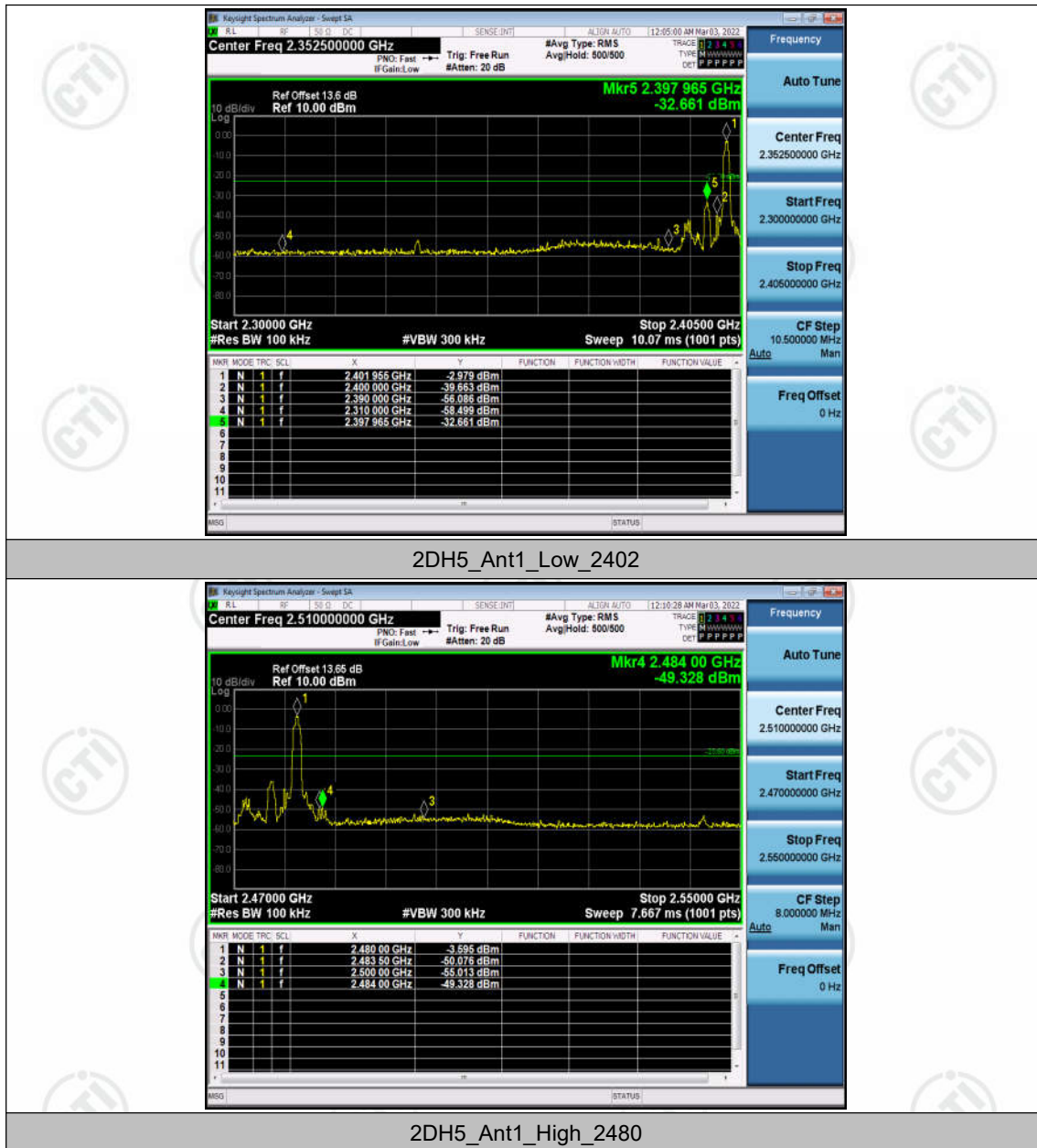
Test Result

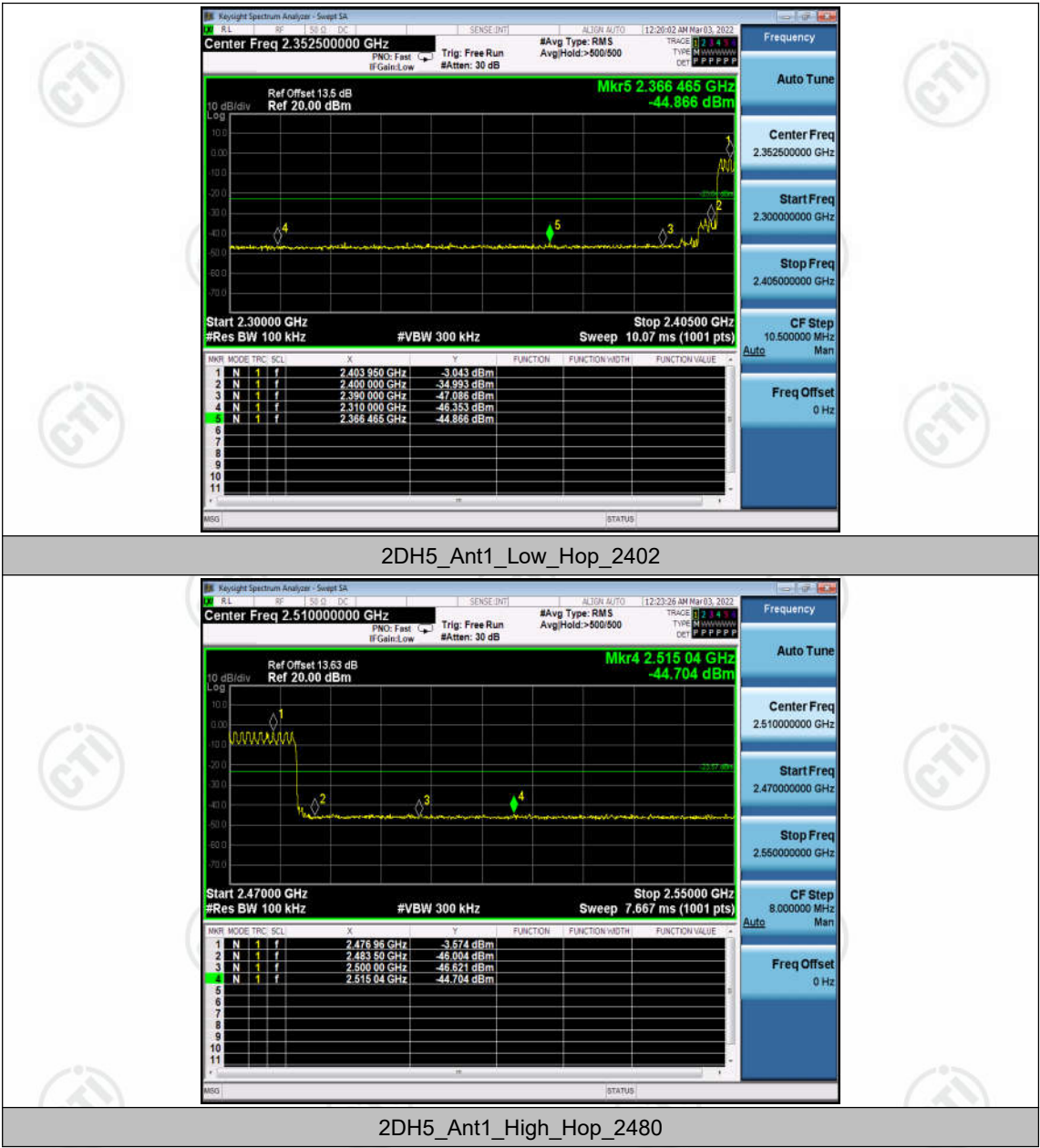
Test Mode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.91	-32.71	<=-22.91	PASS
		High	2480	-3.67	-48.99	<=-23.67	PASS
		Low	Hop_2402	-3.70	-44.78	<=-23.7	PASS
		High	Hop_2480	-3.66	-45.27	<=-23.66	PASS
2DH5	Ant1	Low	2402	-2.98	-32.66	<=-22.98	PASS
		High	2480	-3.60	-49.33	<=-23.6	PASS
		Low	Hop_2402	-3.04	-44.87	<=-23.04	PASS
		High	Hop_2480	-3.57	-44.7	<=-23.57	PASS

Test Graphs







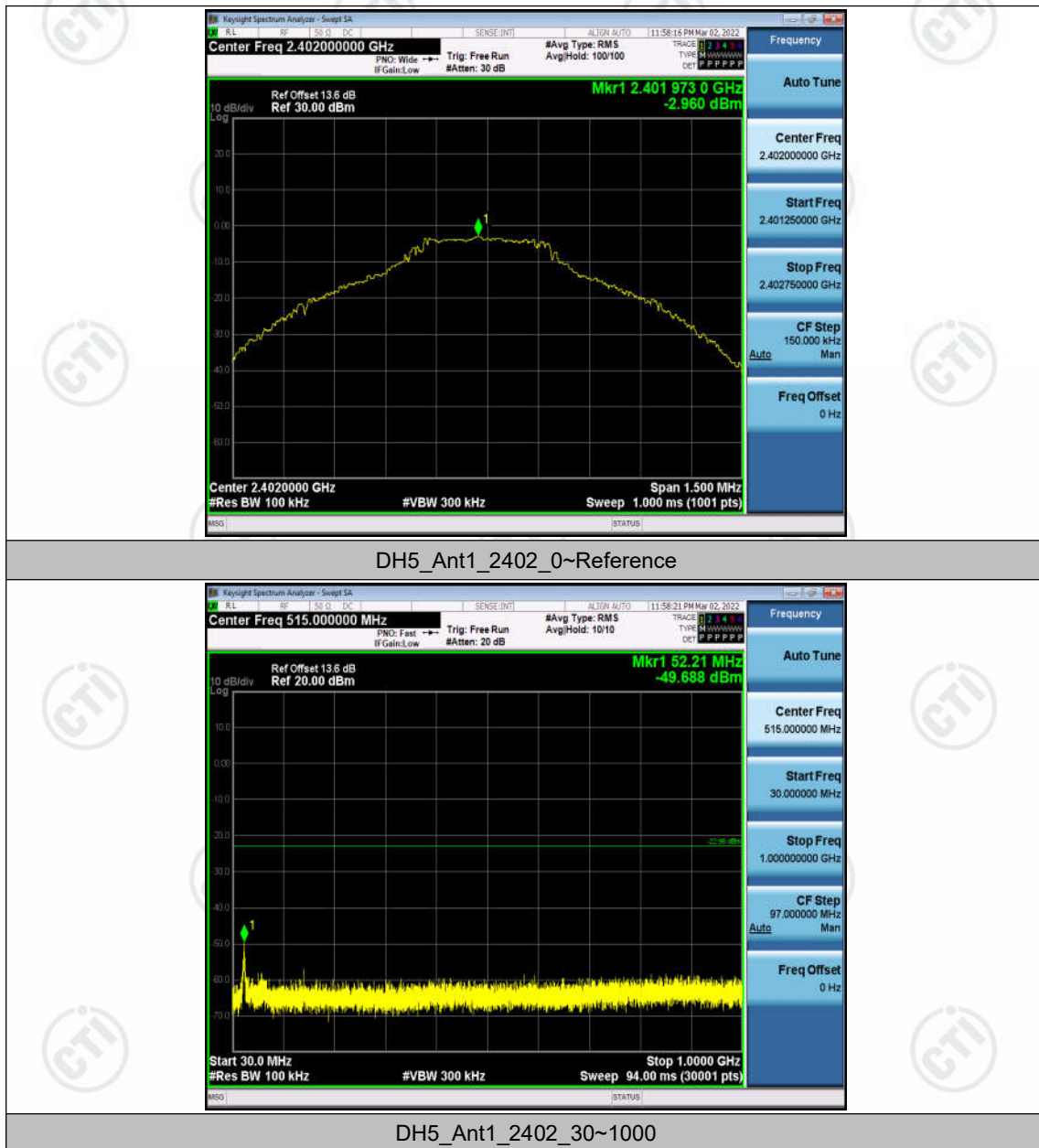


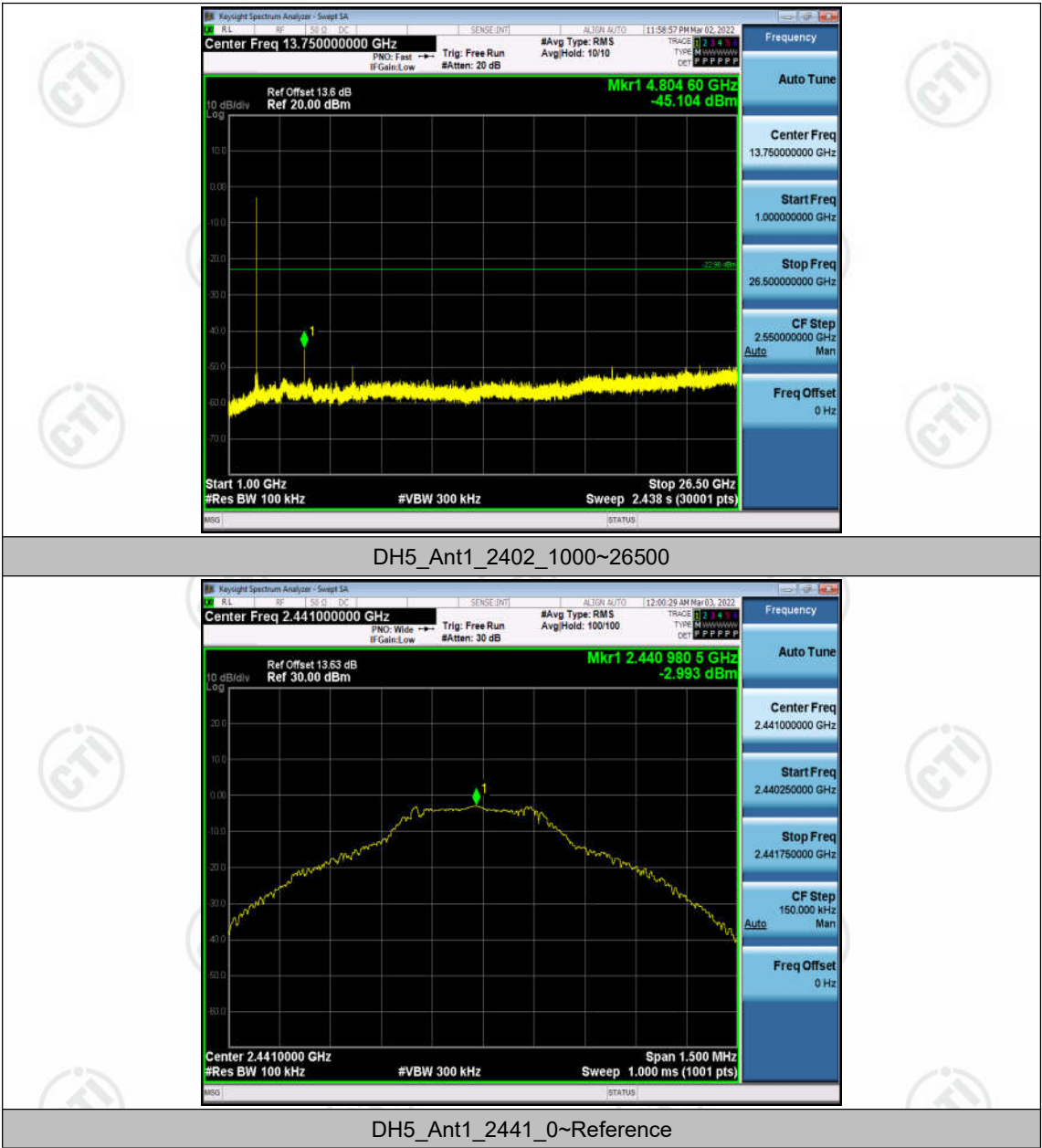
Appendix H: Conducted Spurious Emission

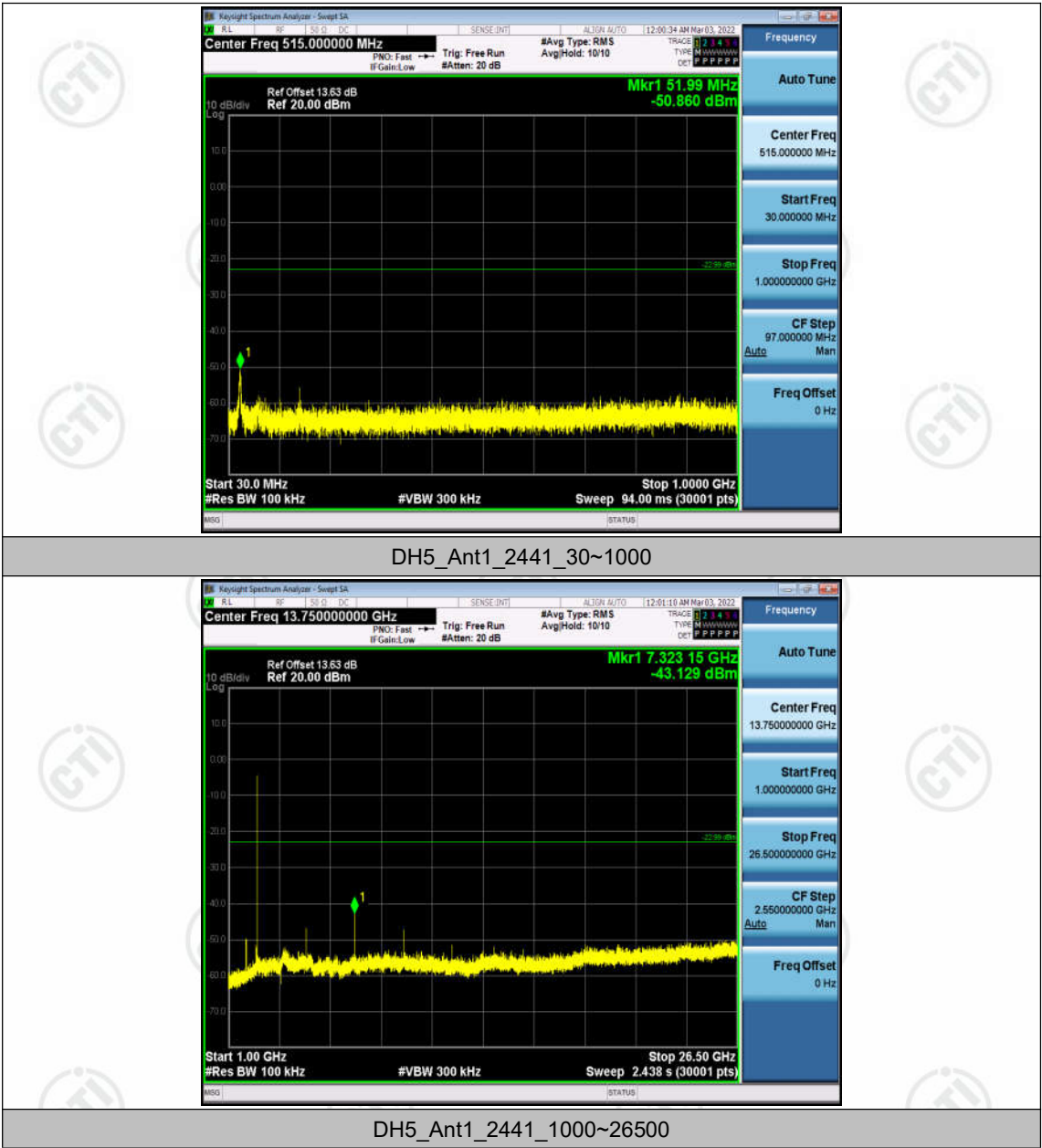
Test Result

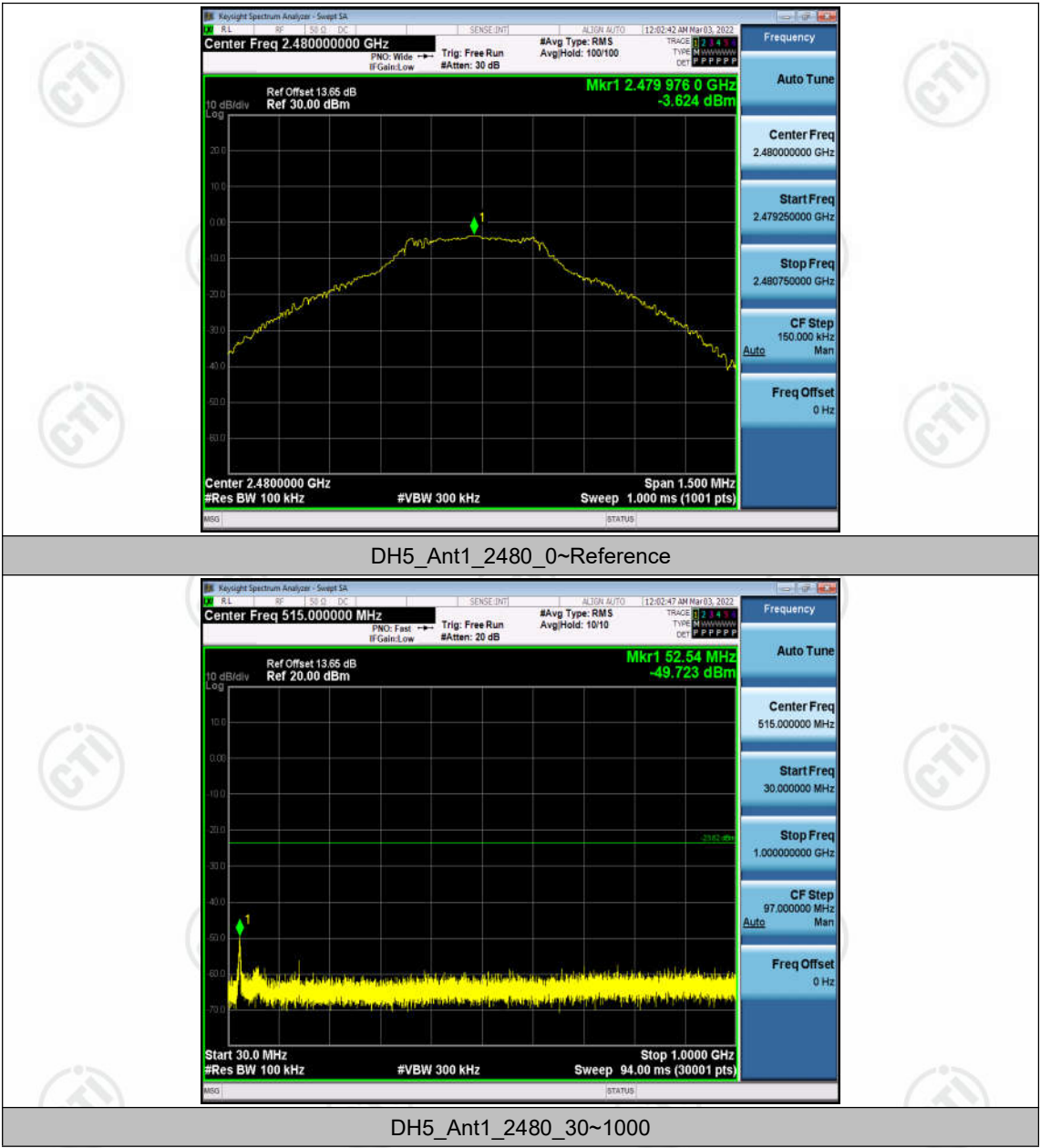
Test Mode	Antenna	Channel	Freq Range [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-2.96	-2.96	---	PASS
			30~1000	30~1000	-49.688	<=-22.96	PASS
			1000~26500	1000~26500	-45.104	<=-22.96	PASS
		2441	Reference	-2.99	-2.99	---	PASS
			30~1000	30~1000	-50.86	<=-22.993	PASS
			1000~26500	1000~26500	-43.129	<=-22.993	PASS
		2480	Reference	-3.62	-3.62	---	PASS
			30~1000	30~1000	-49.723	<=-23.624	PASS
			1000~26500	1000~26500	-40.879	<=-23.624	PASS
2DH5	Ant1	2402	Reference	-3.49	-3.49	---	PASS
			30~1000	30~1000	-51.286	<=-23.494	PASS
			1000~26500	1000~26500	-44.207	<=-23.494	PASS
		2441	Reference	-3.01	-3.01	---	PASS
			30~1000	30~1000	-51.632	<=-23.011	PASS
			1000~26500	1000~26500	-43.722	<=-23.011	PASS
		2480	Reference	-3.66	-3.66	---	PASS
			30~1000	30~1000	-49.969	<=-23.661	PASS
			1000~26500	1000~26500	-42.008	<=-23.661	PASS

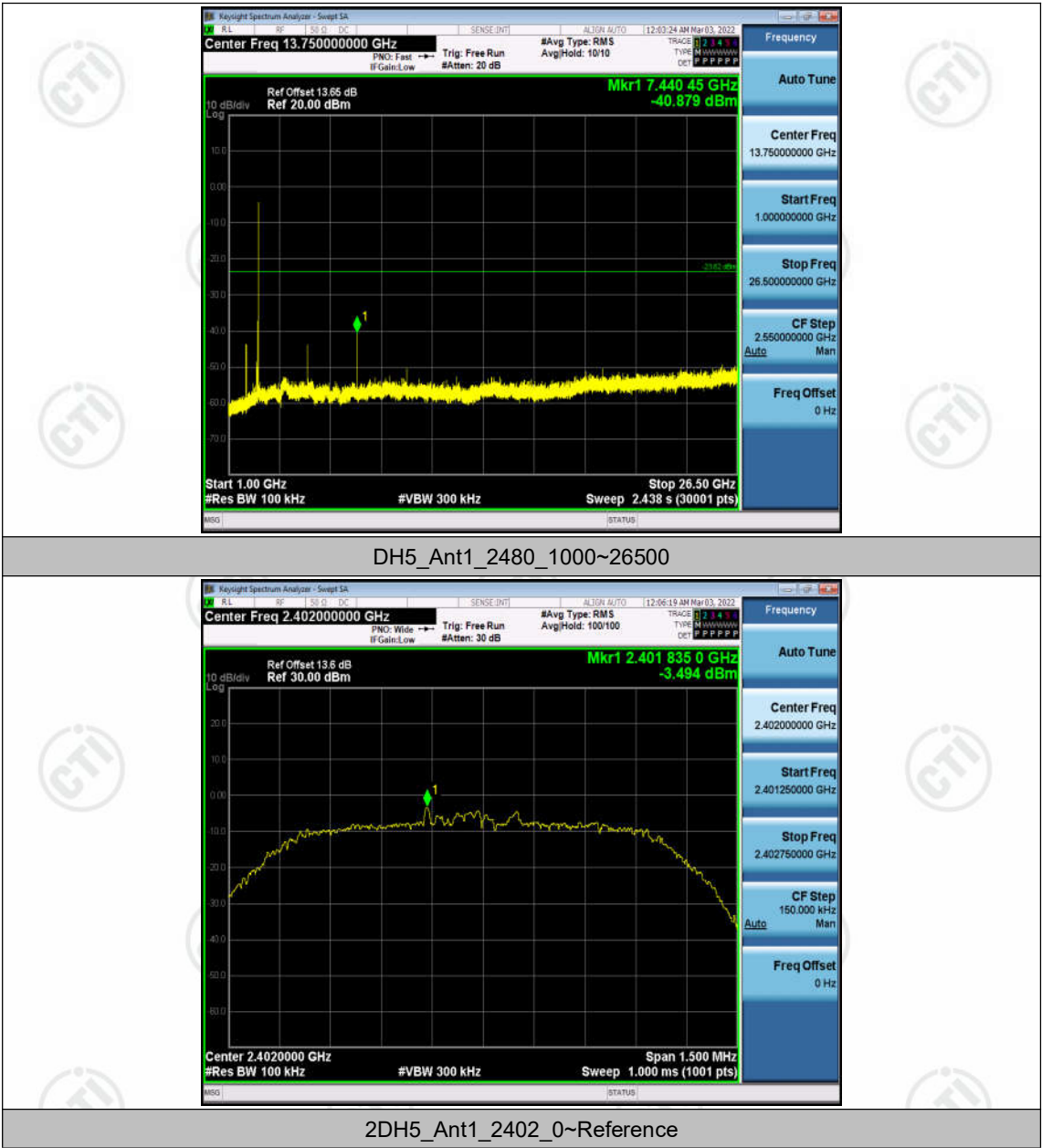
Test Graphs

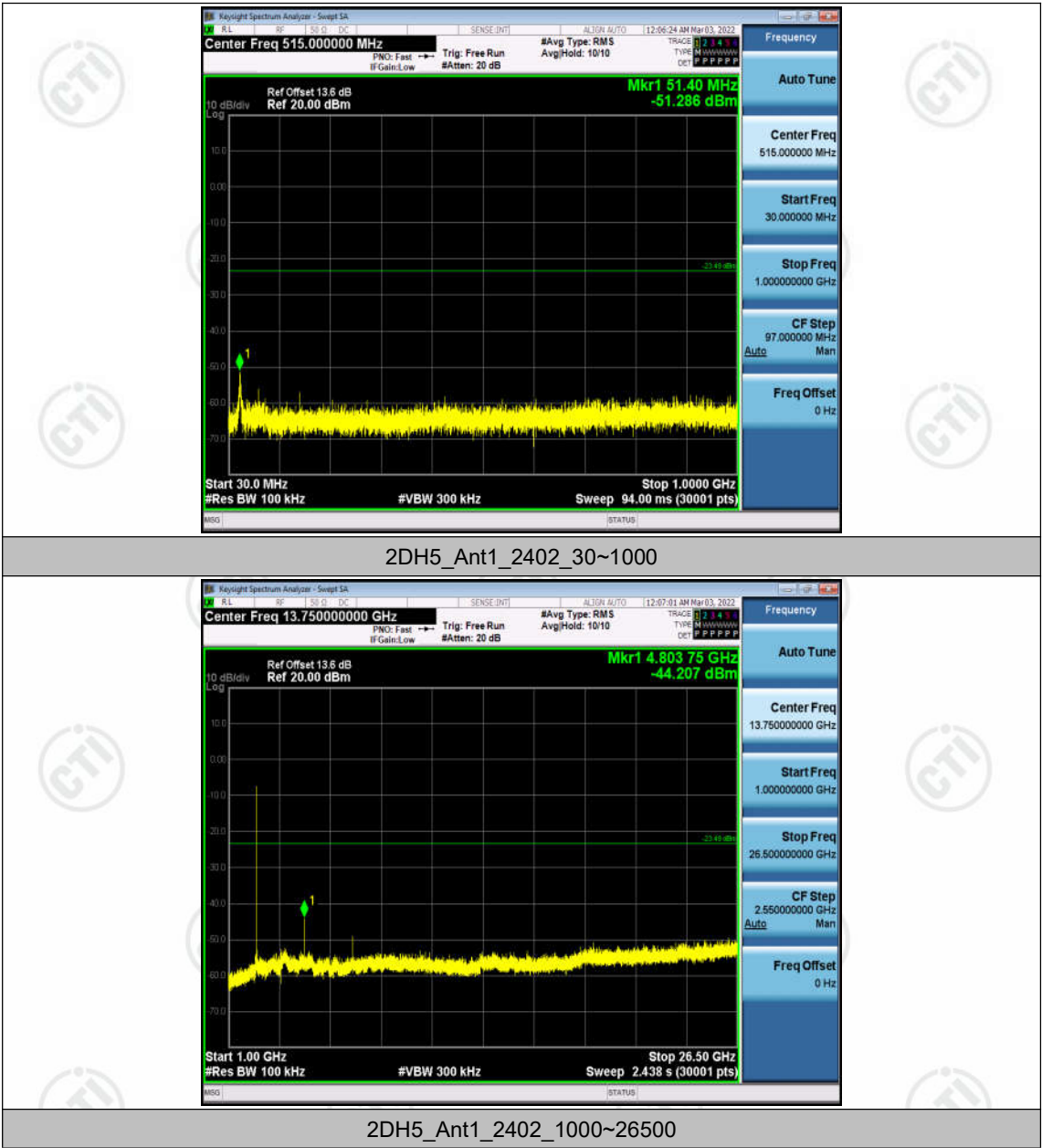


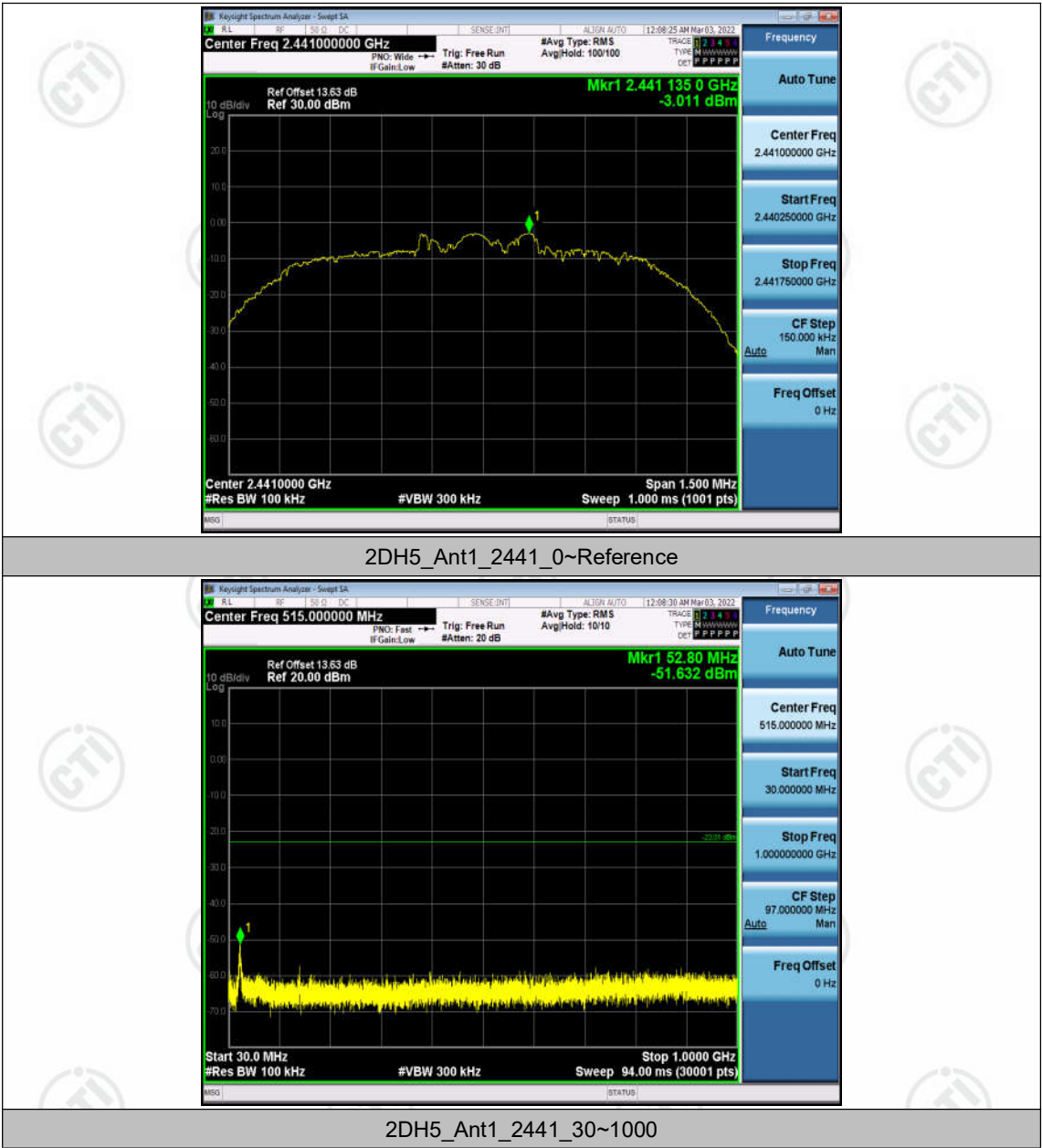


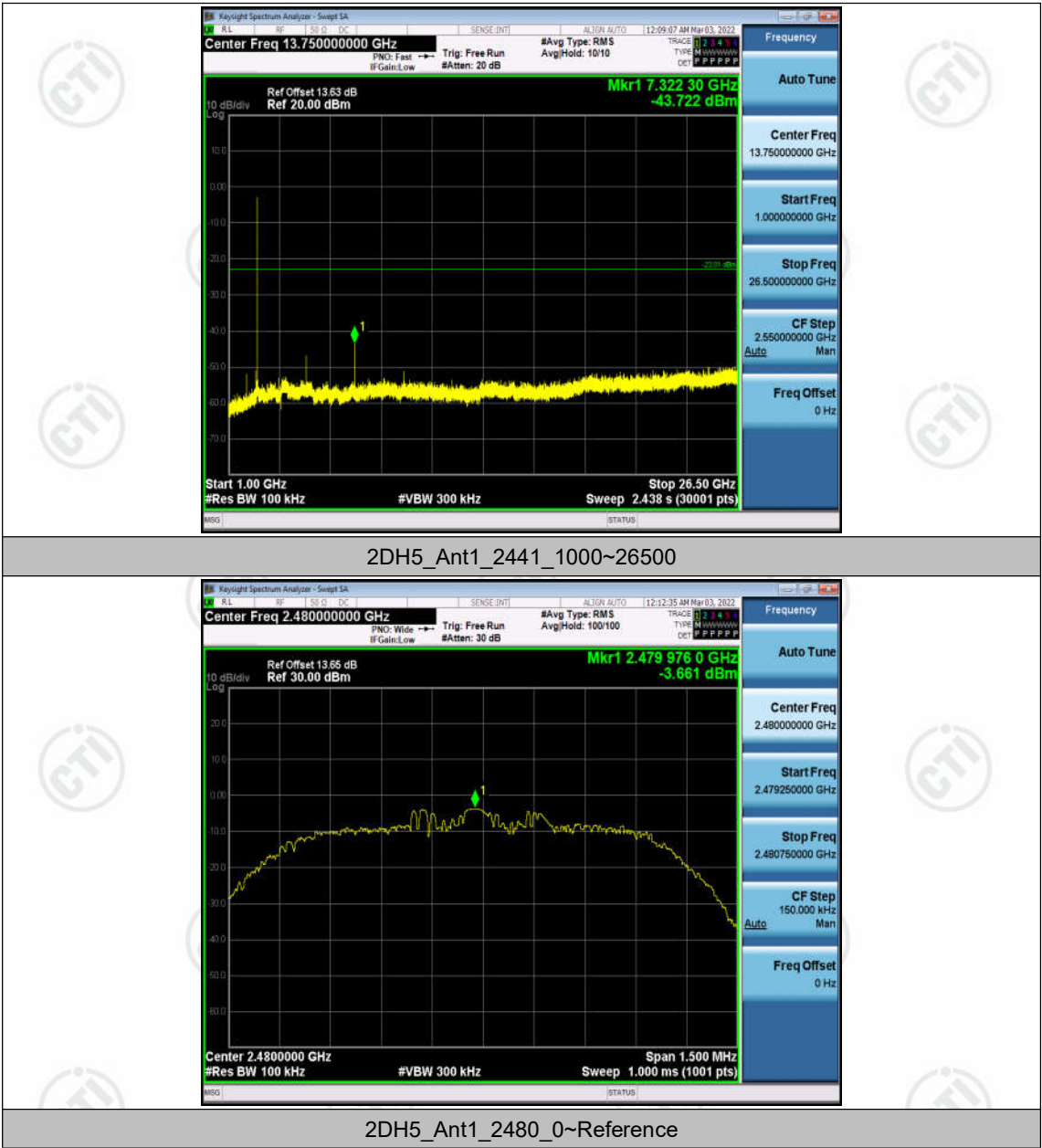


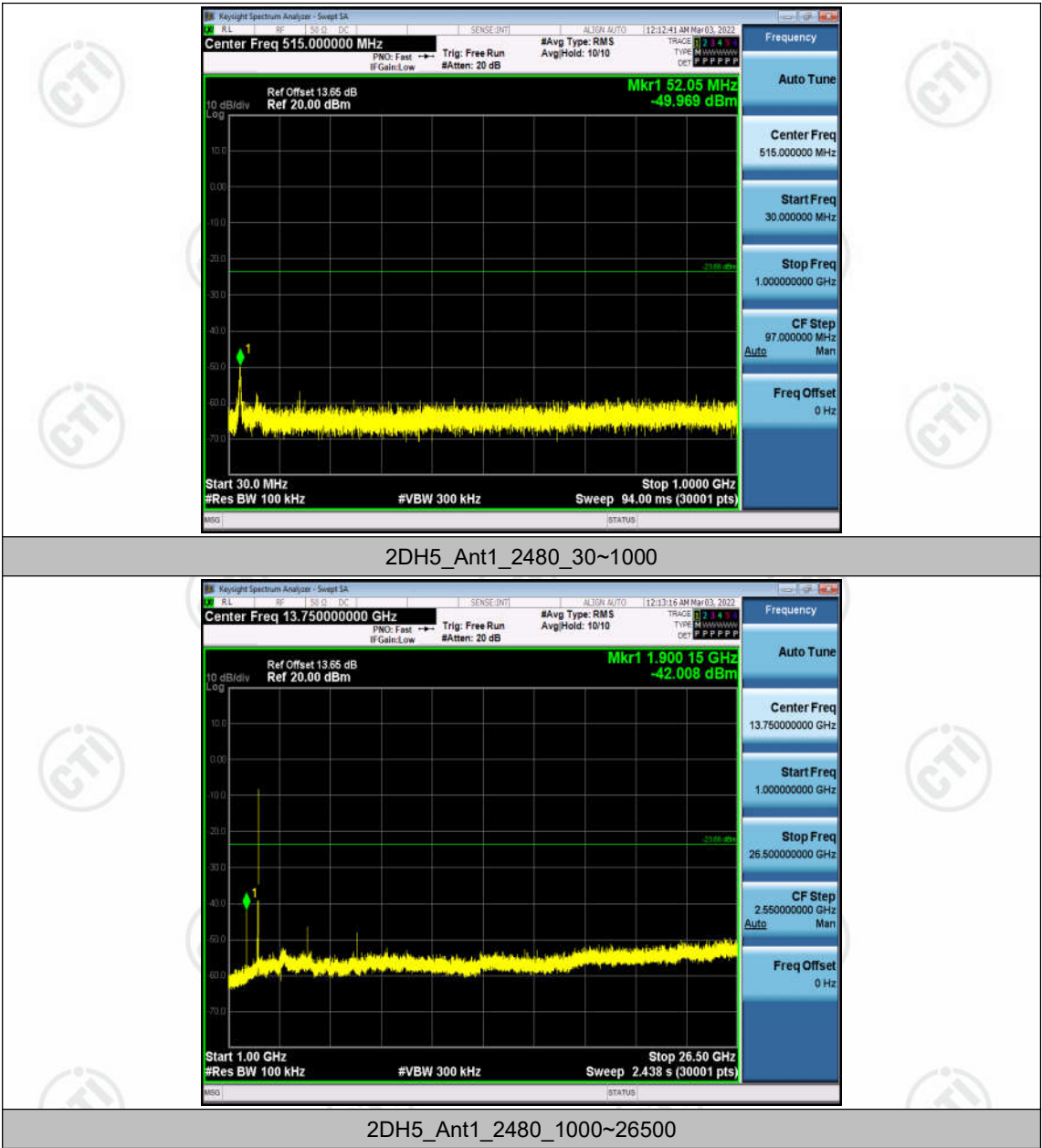










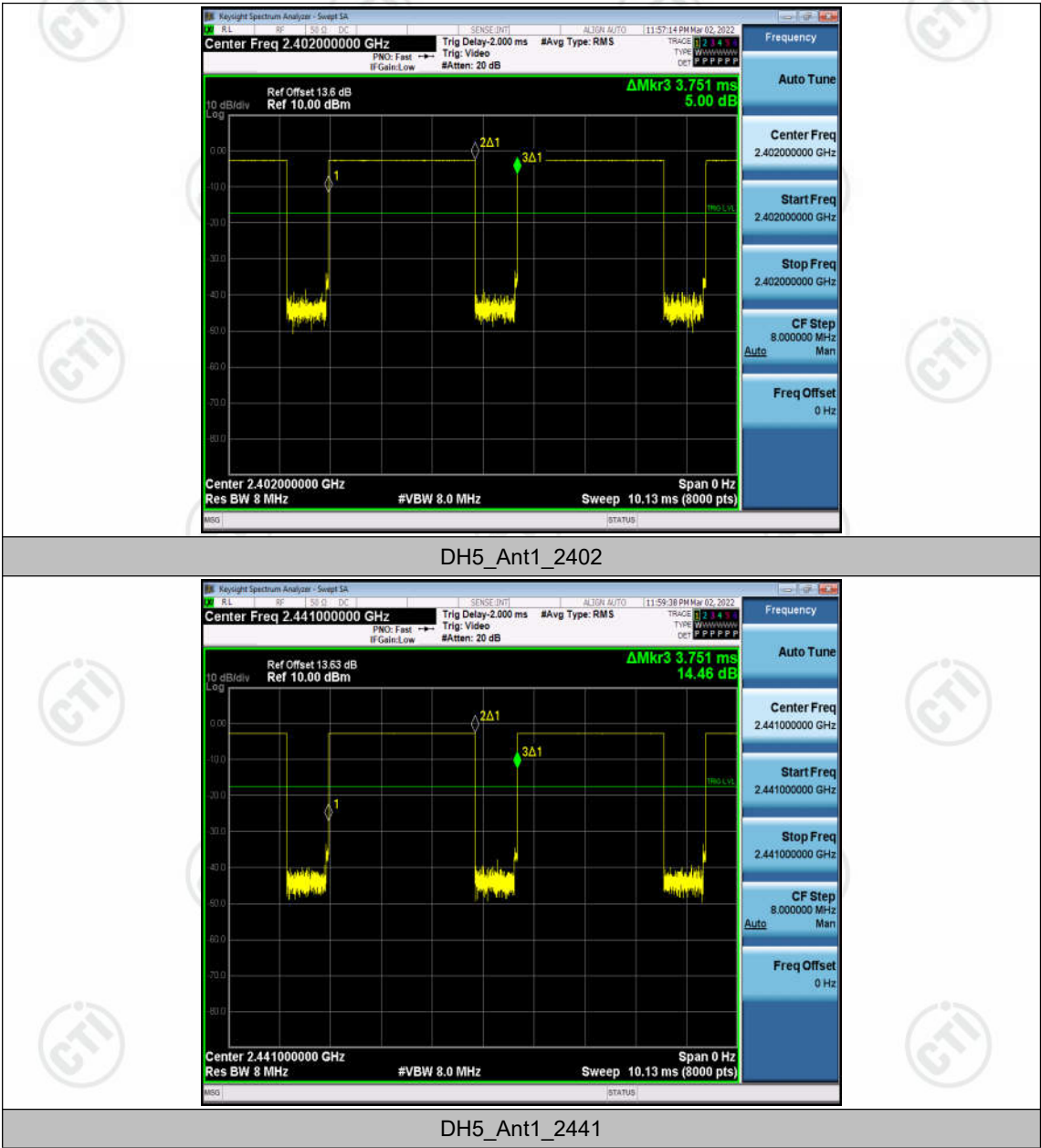


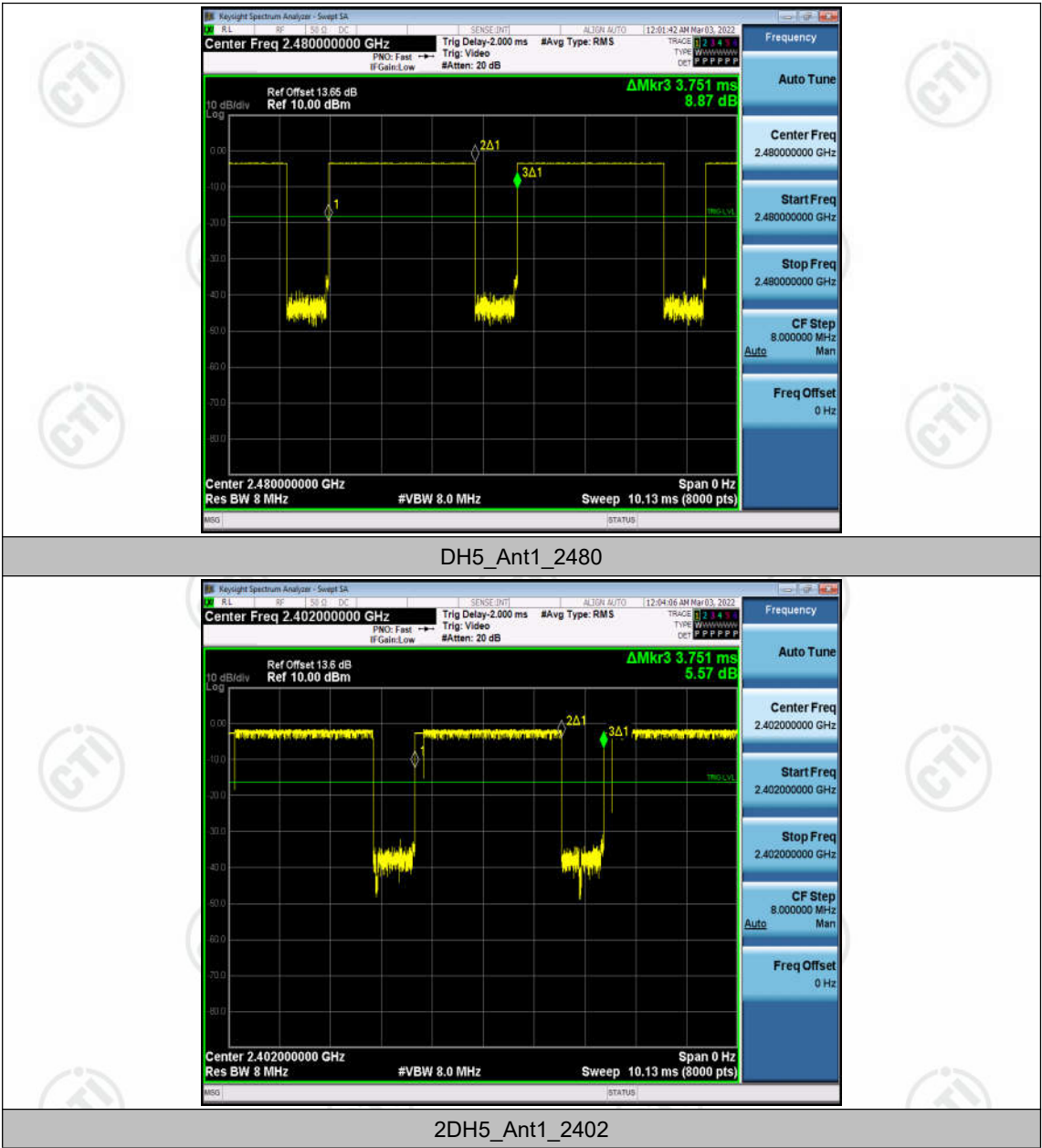
Appendix I: Duty Cycle

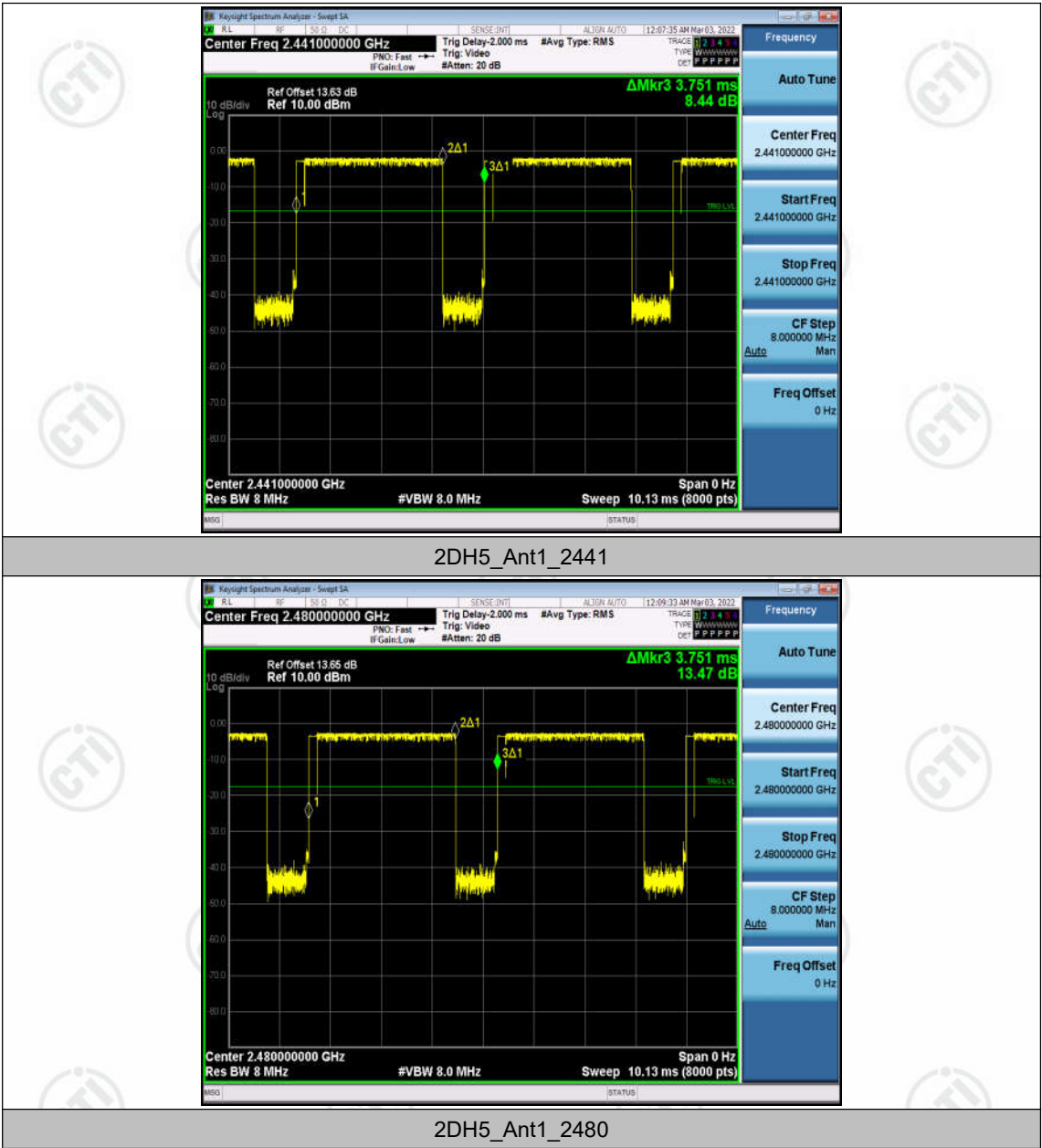
Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.91	3.75	77.64	---	PASS
		2441	2.91	3.75	77.64	---	PASS
		2480	2.91	3.75	77.64	---	PASS
2DH5	Ant1	2402	2.92	3.75	77.78	---	PASS
		2441	2.92	3.75	77.81	---	PASS
		2480	2.92	3.75	77.81	---	PASS

Test Graphs







*** End of Report ***