

Appendix: Bluetooth Classic

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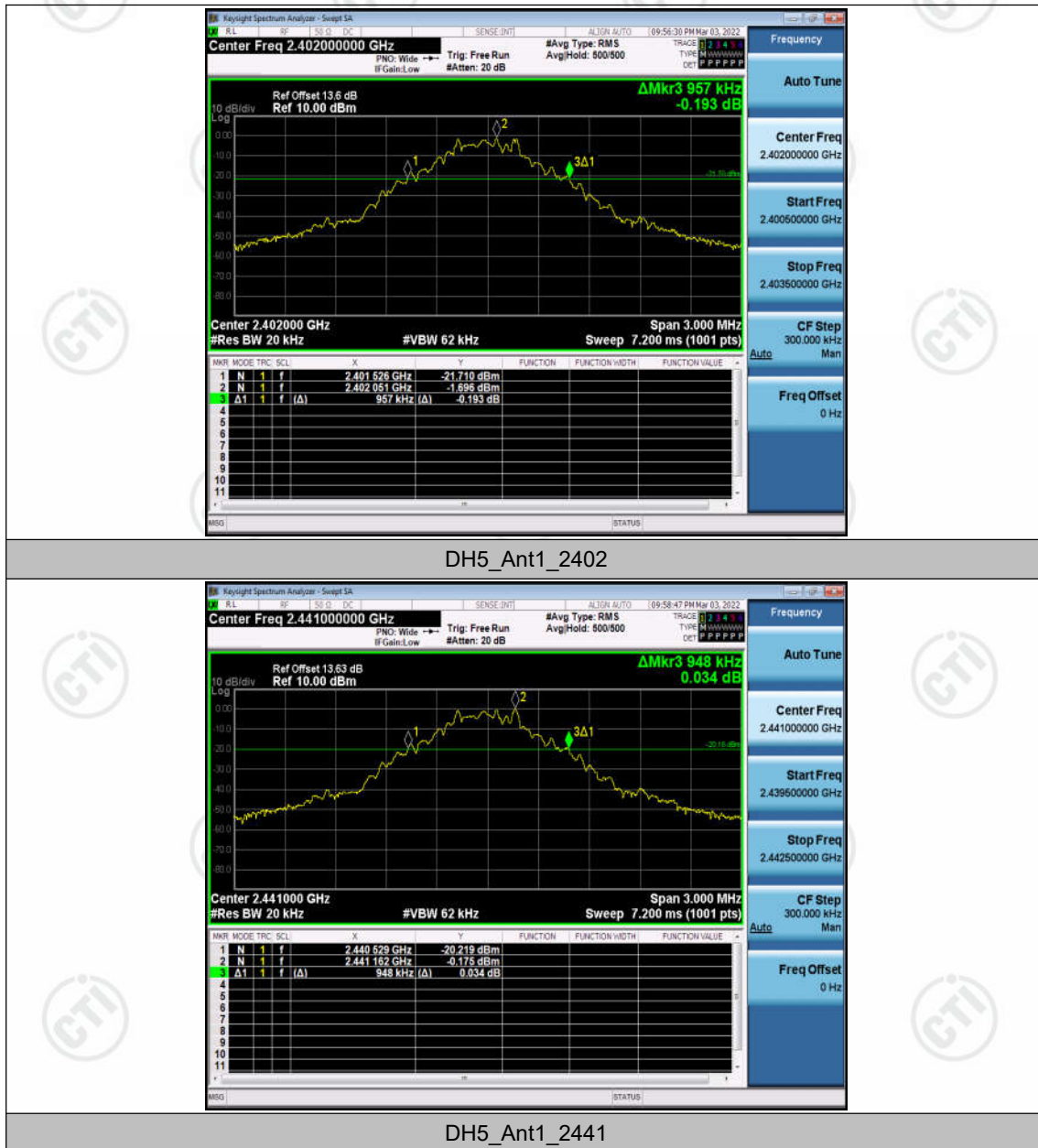
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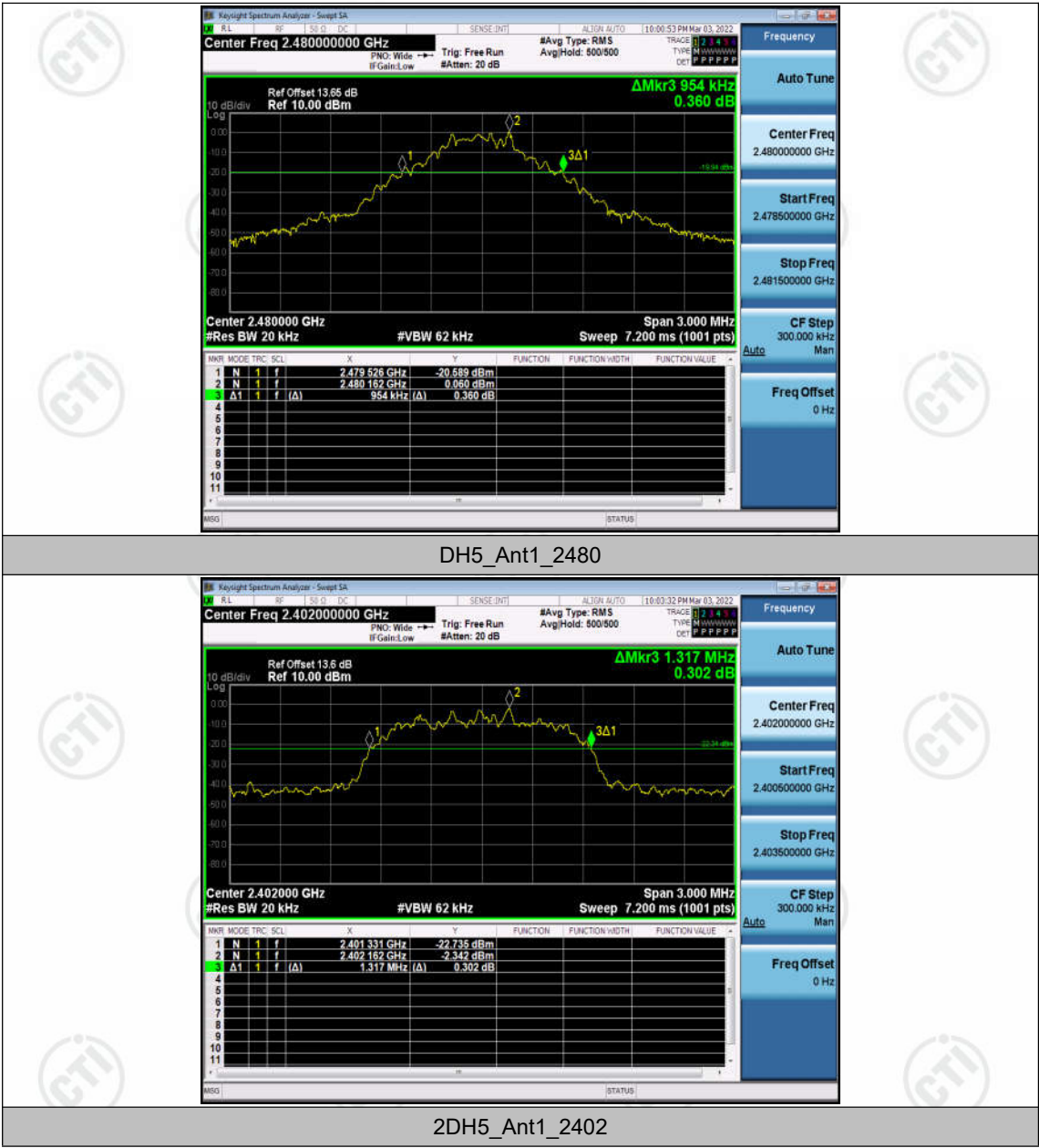
AppendixA: 20dBEmission Bandwidth

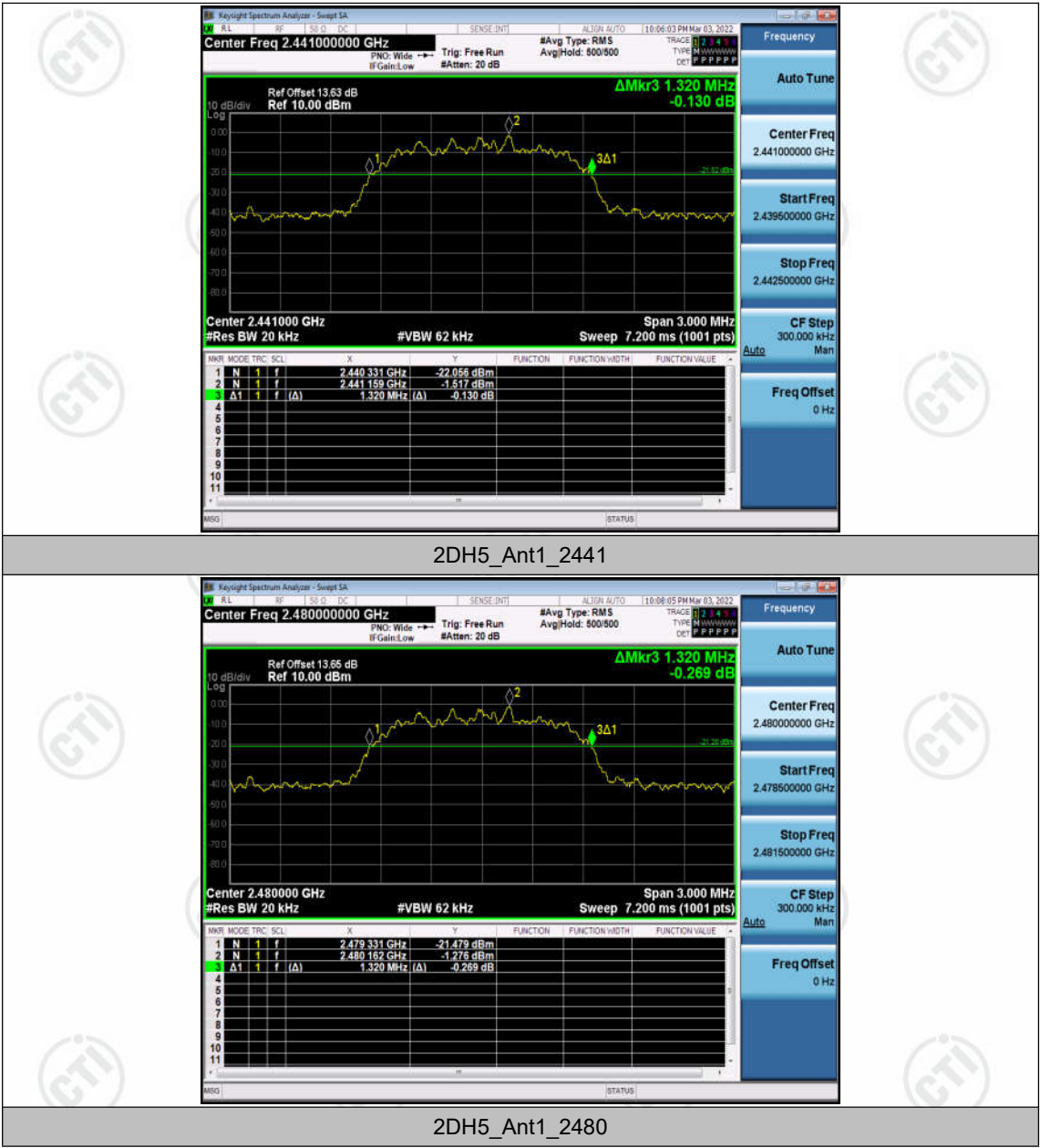
Test Result

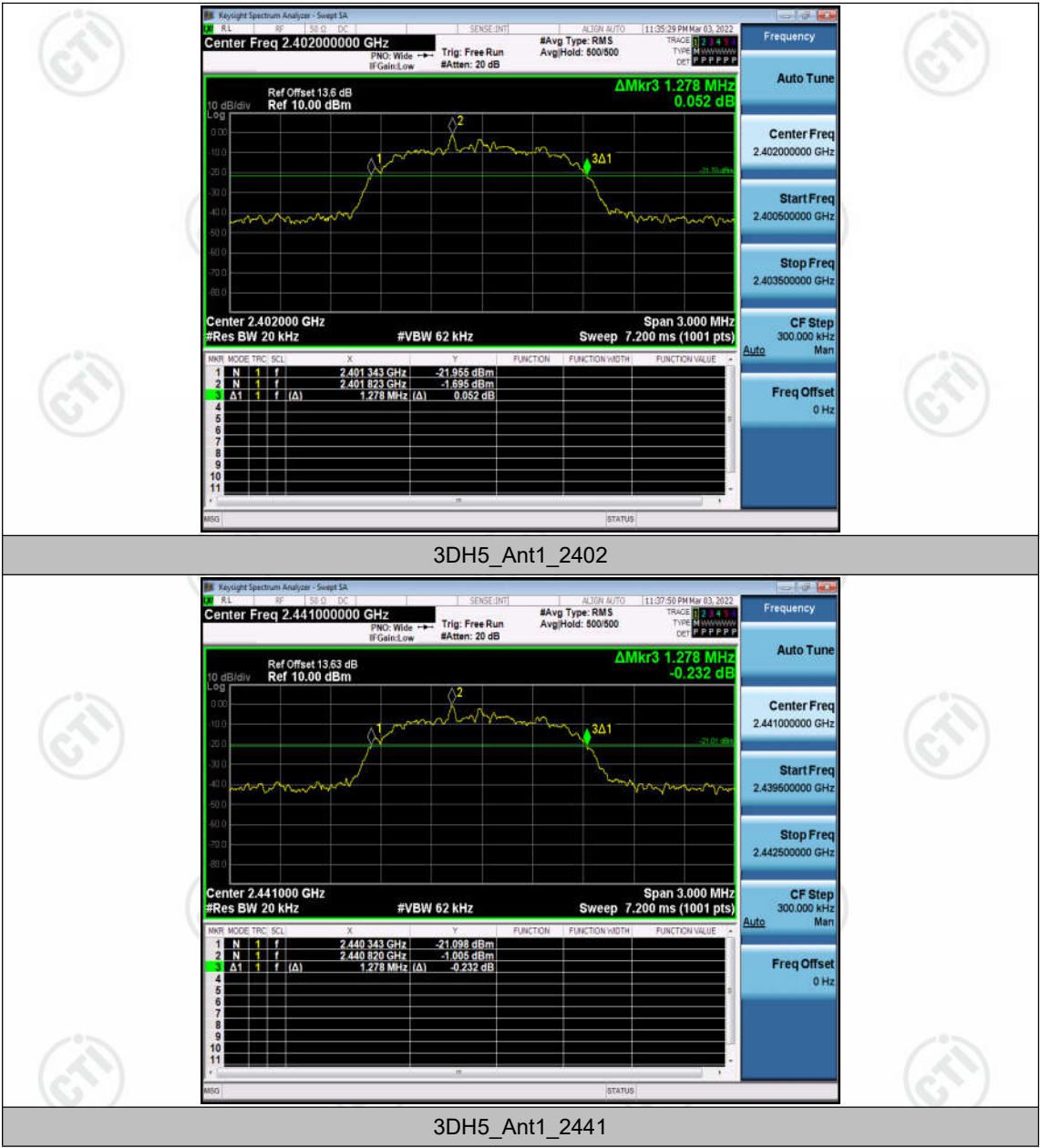
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.957	2401.526	2402.483	---	PASS
		2441	0.948	2440.529	2441.477	---	PASS
		2480	0.954	2479.526	2480.480	---	PASS
2DH5	Ant1	2402	1.317	2401.331	2402.648	---	PASS
		2441	1.320	2440.331	2441.651	---	PASS
		2480	1.320	2479.331	2480.651	---	PASS
3DH5	Ant1	2402	1.278	2401.343	2402.621	---	PASS
		2441	1.278	2440.343	2441.621	---	PASS
		2480	1.281	2479.340	2480.621	---	PASS

Test Graphs











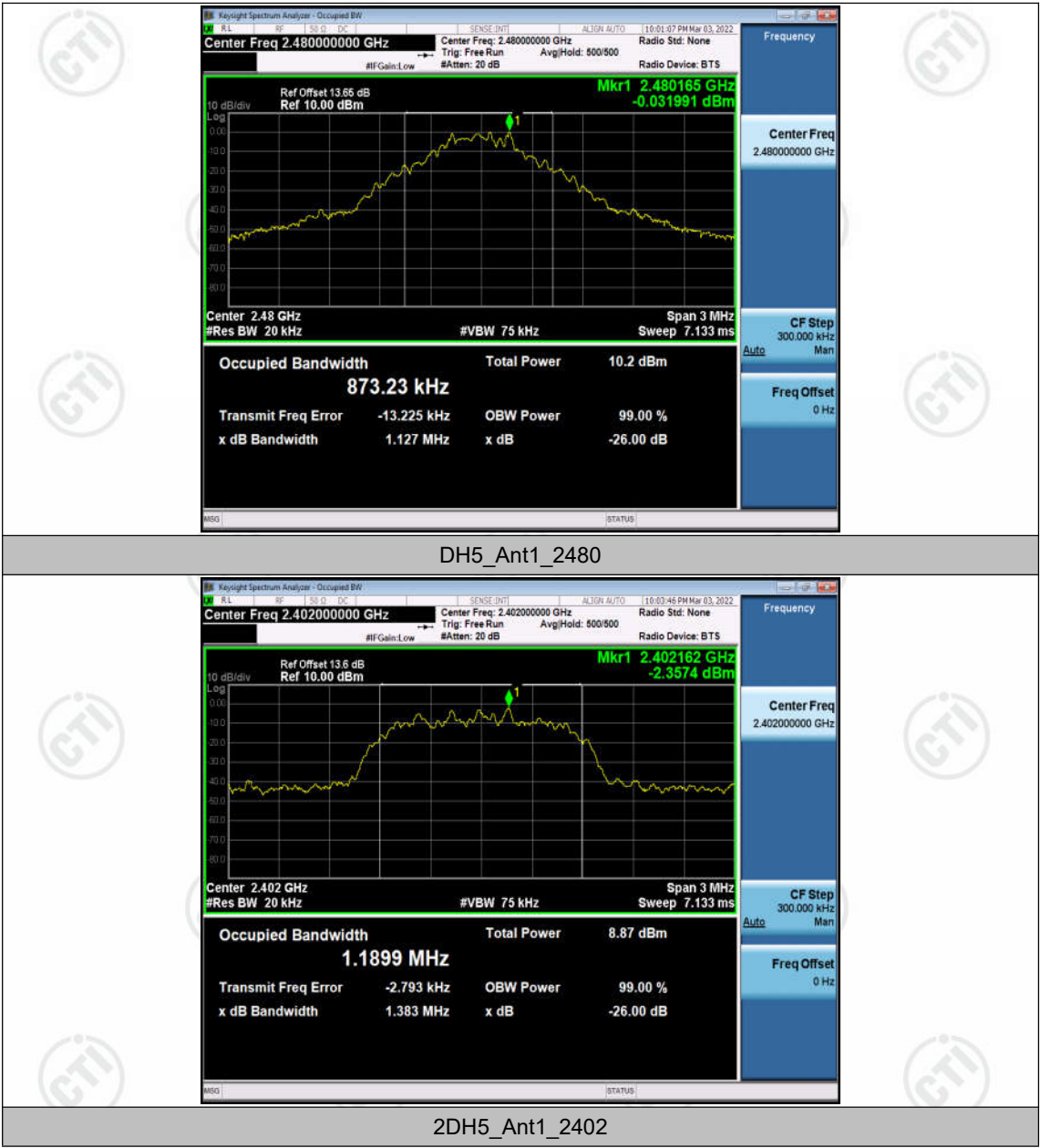
AppendixB: Occupied Channel Bandwidth

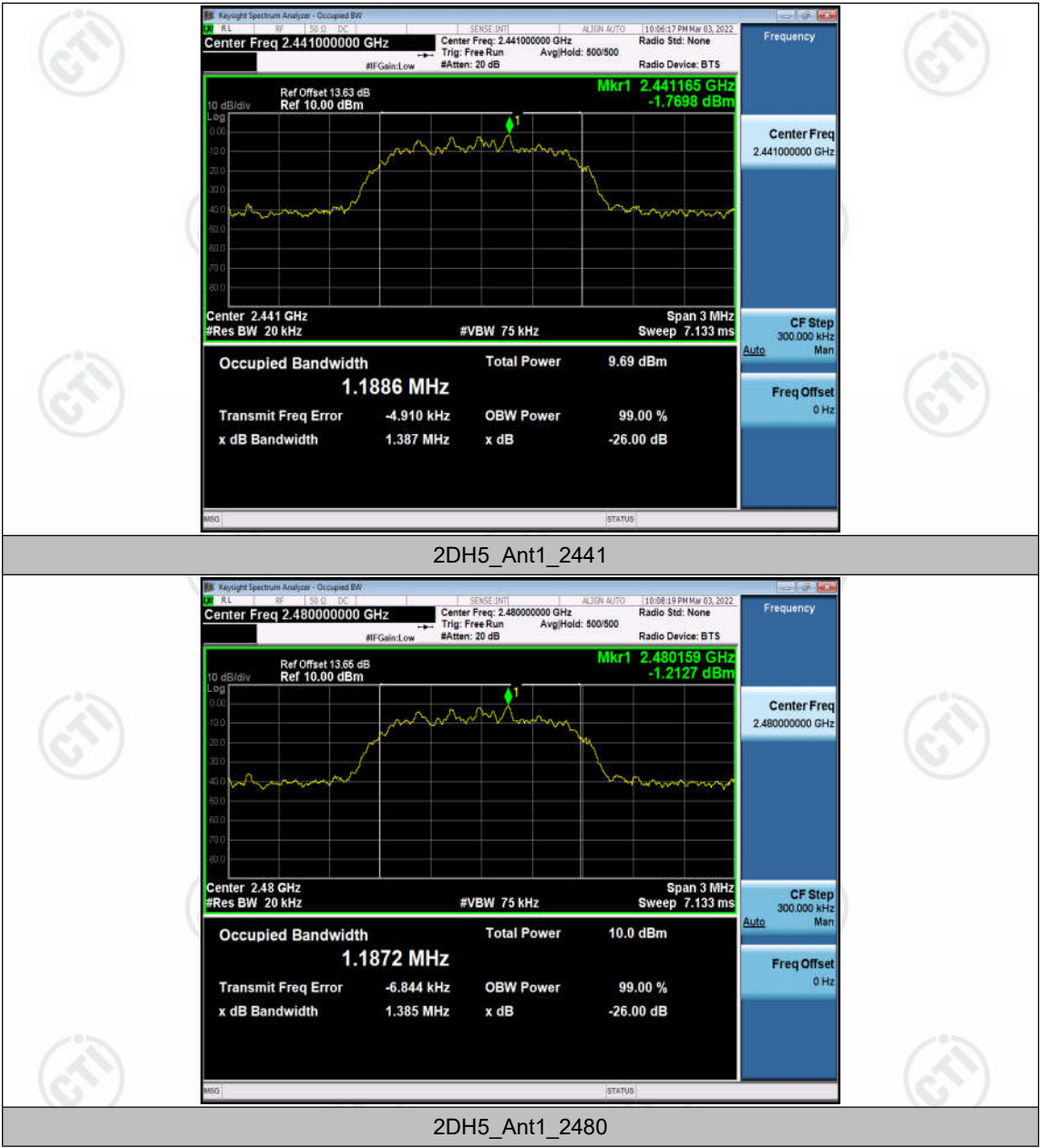
Test Result

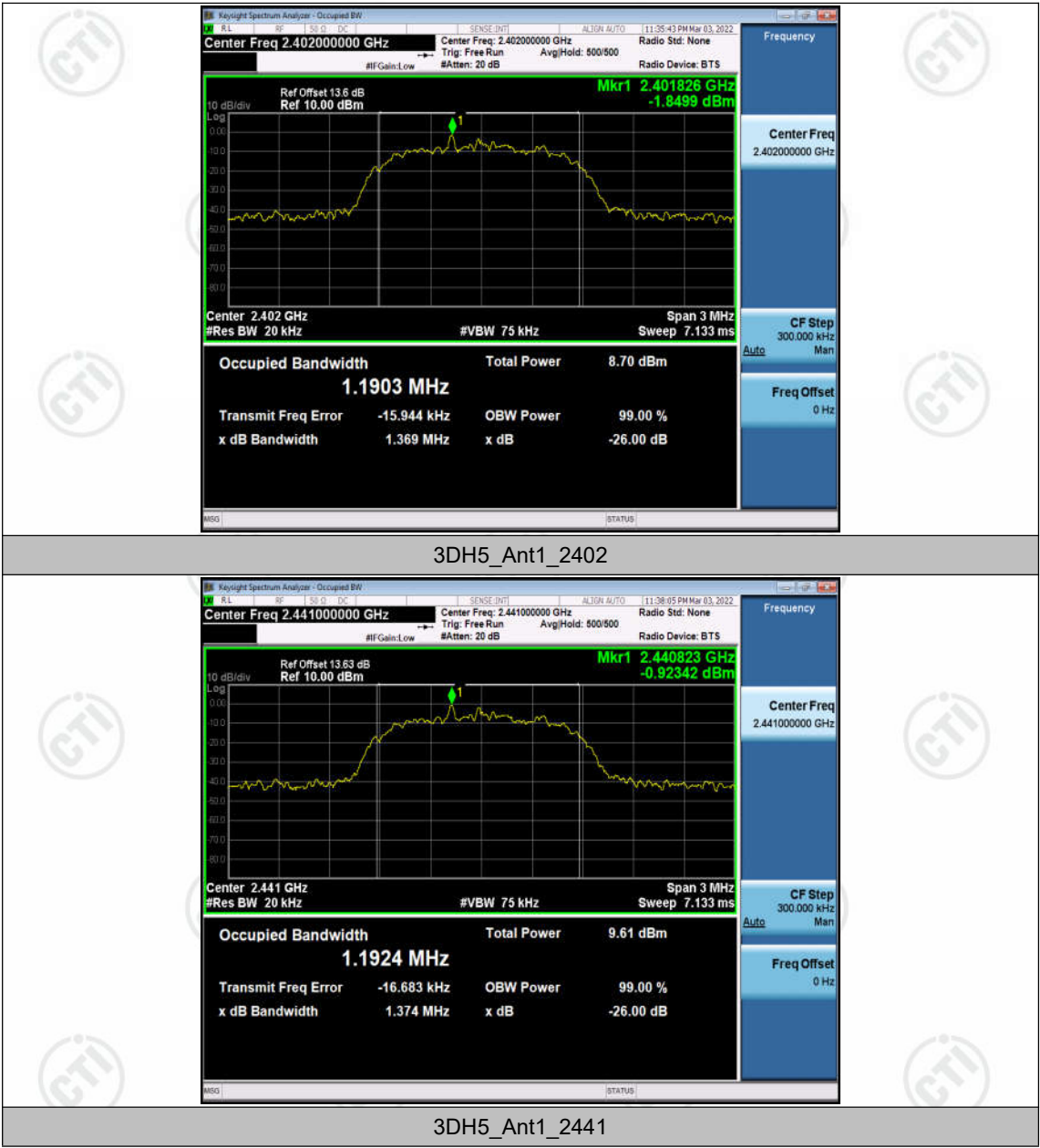
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86683	2401.554	2402.421	---	PASS
		2441	0.86900	2440.553	2441.422	---	PASS
		2480	0.87323	2479.550	2480.423	---	PASS
2DH5	Ant1	2402	1.1899	2401.402	2402.592	---	PASS
		2441	1.1886	2440.401	2441.589	---	PASS
		2480	1.1872	2479.400	2480.587	---	PASS
3DH5	Ant1	2402	1.1903	2401.389	2402.579	---	PASS
		2441	1.1924	2440.387	2441.580	---	PASS
		2480	1.1987	2479.382	2480.581	---	PASS

Test Graphs









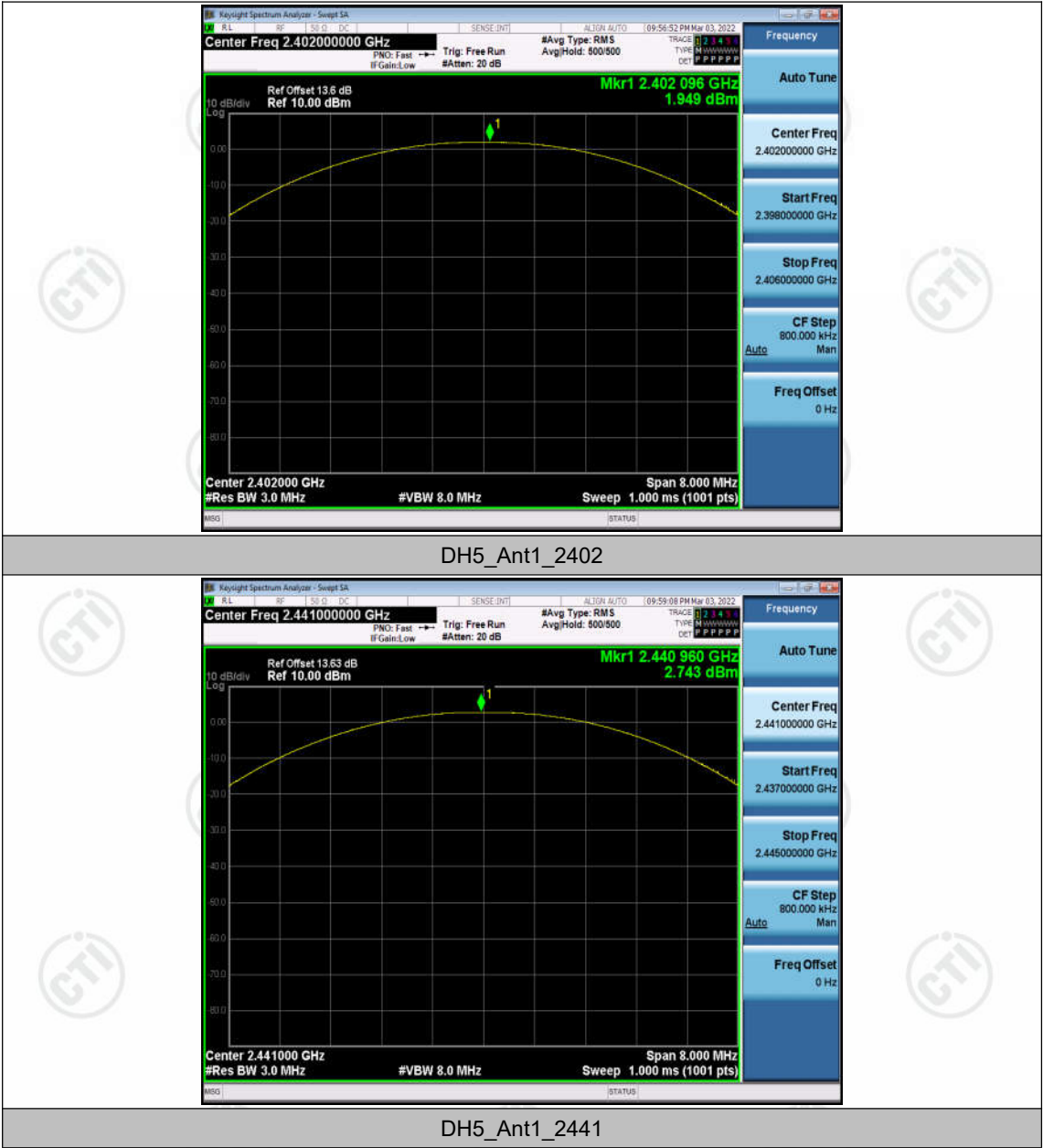


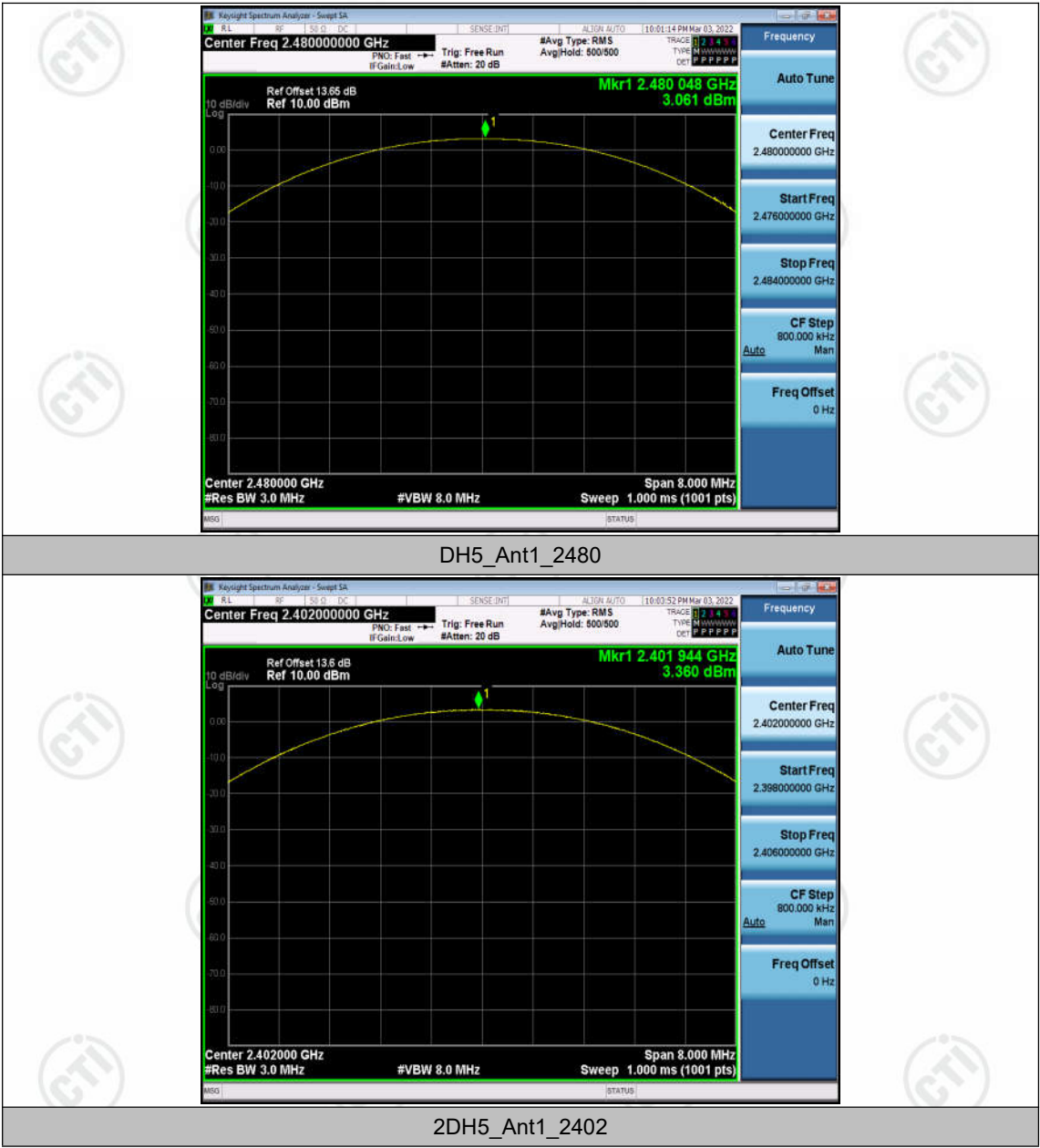
AppendixC: Maximum conducted output power

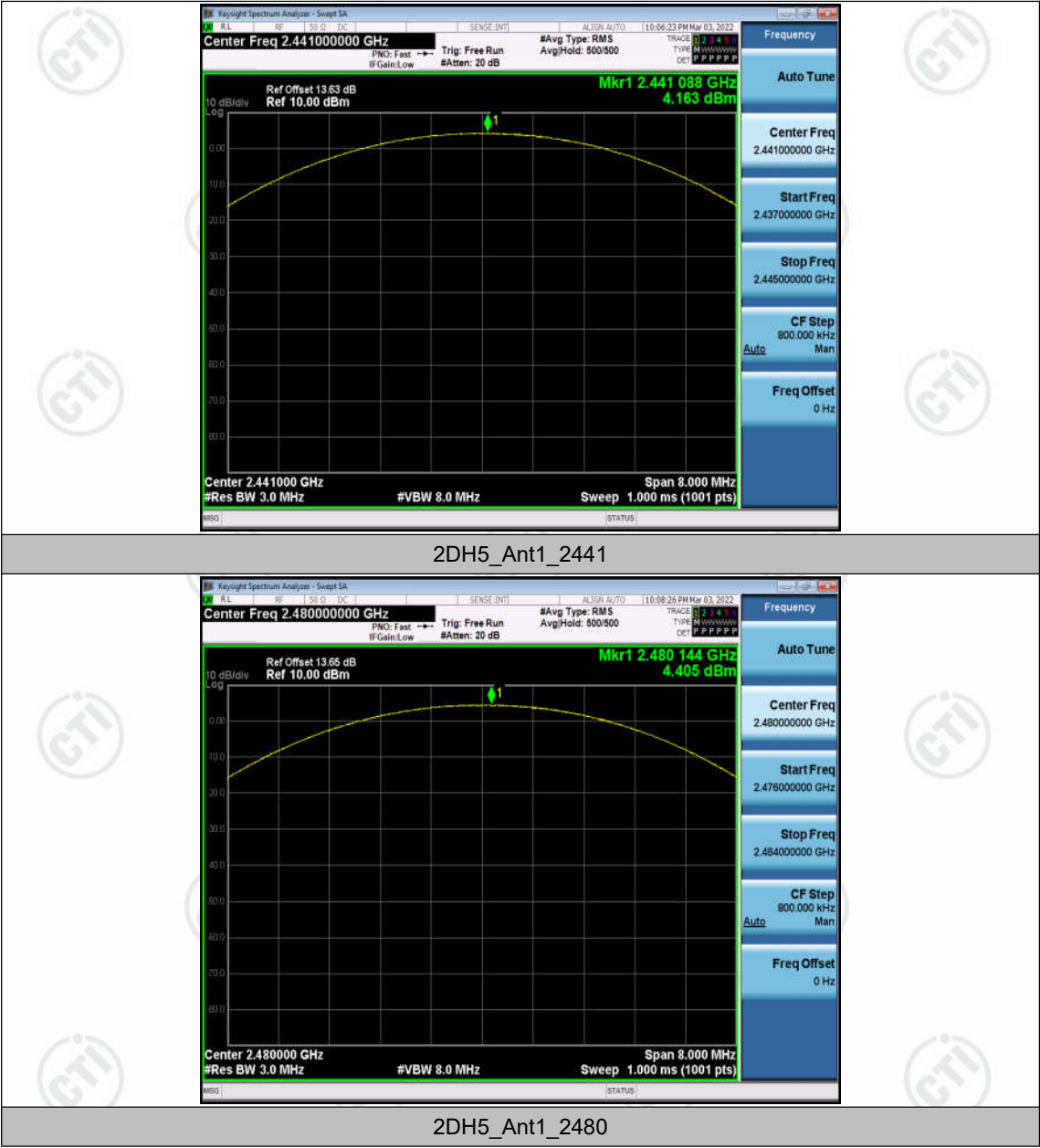
Test Result

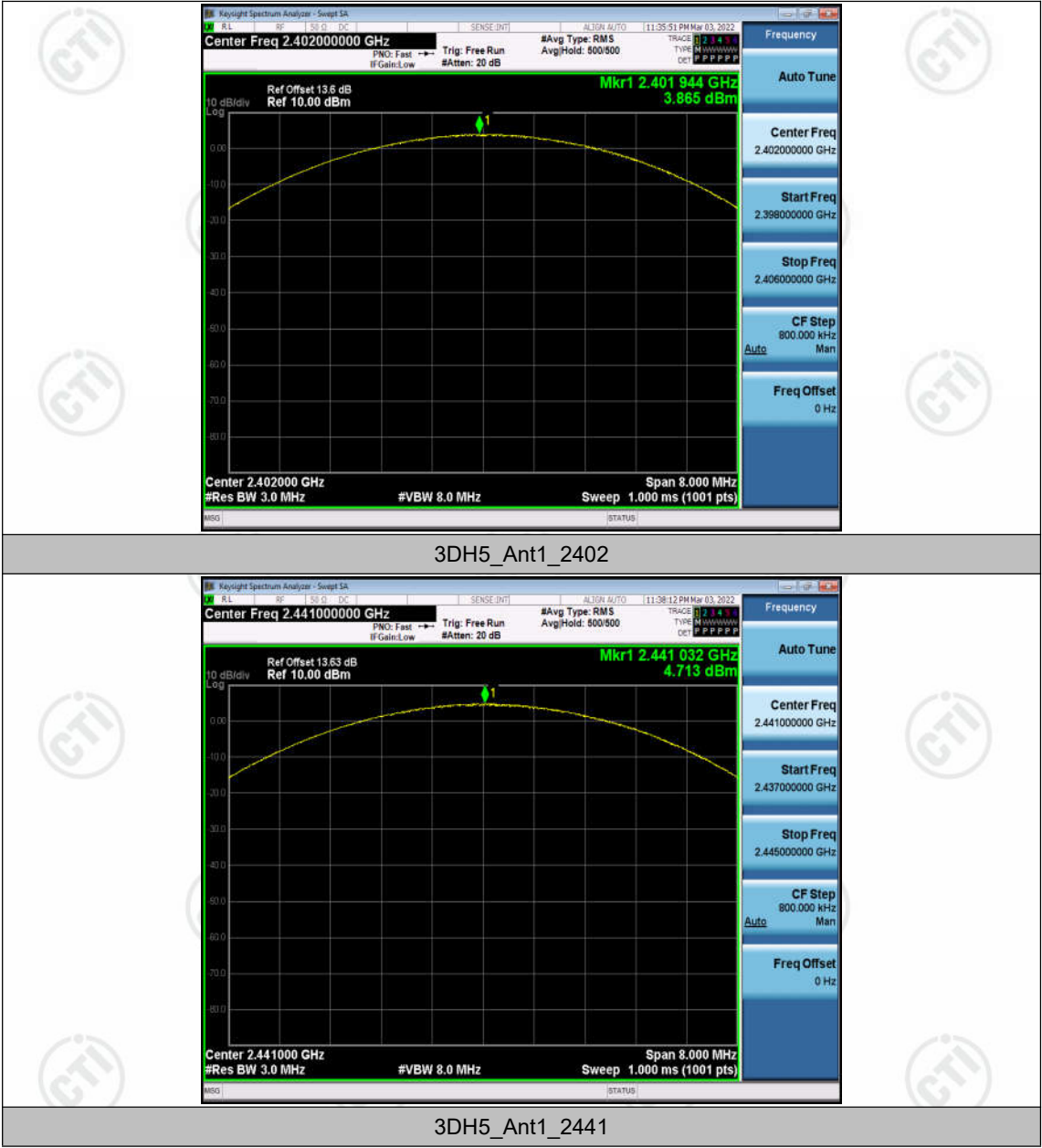
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.95	<=20.97	PASS
		2441	2.74	<=20.97	PASS
		2480	3.06	<=20.97	PASS
2DH5	Ant1	2402	3.36	<=20.97	PASS
		2441	4.16	<=20.97	PASS
		2480	4.41	<=20.97	PASS
3DH5	Ant1	2402	3.87	<=20.97	PASS
		2441	4.71	<=20.97	PASS
		2480	4.95	<=20.97	PASS

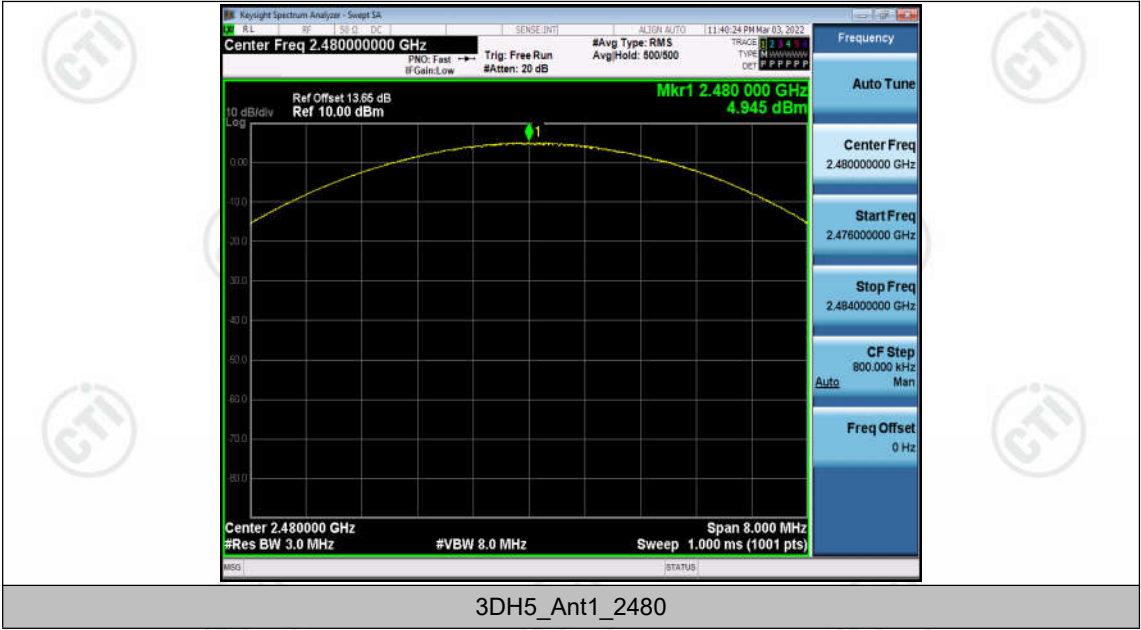
Test Graphs









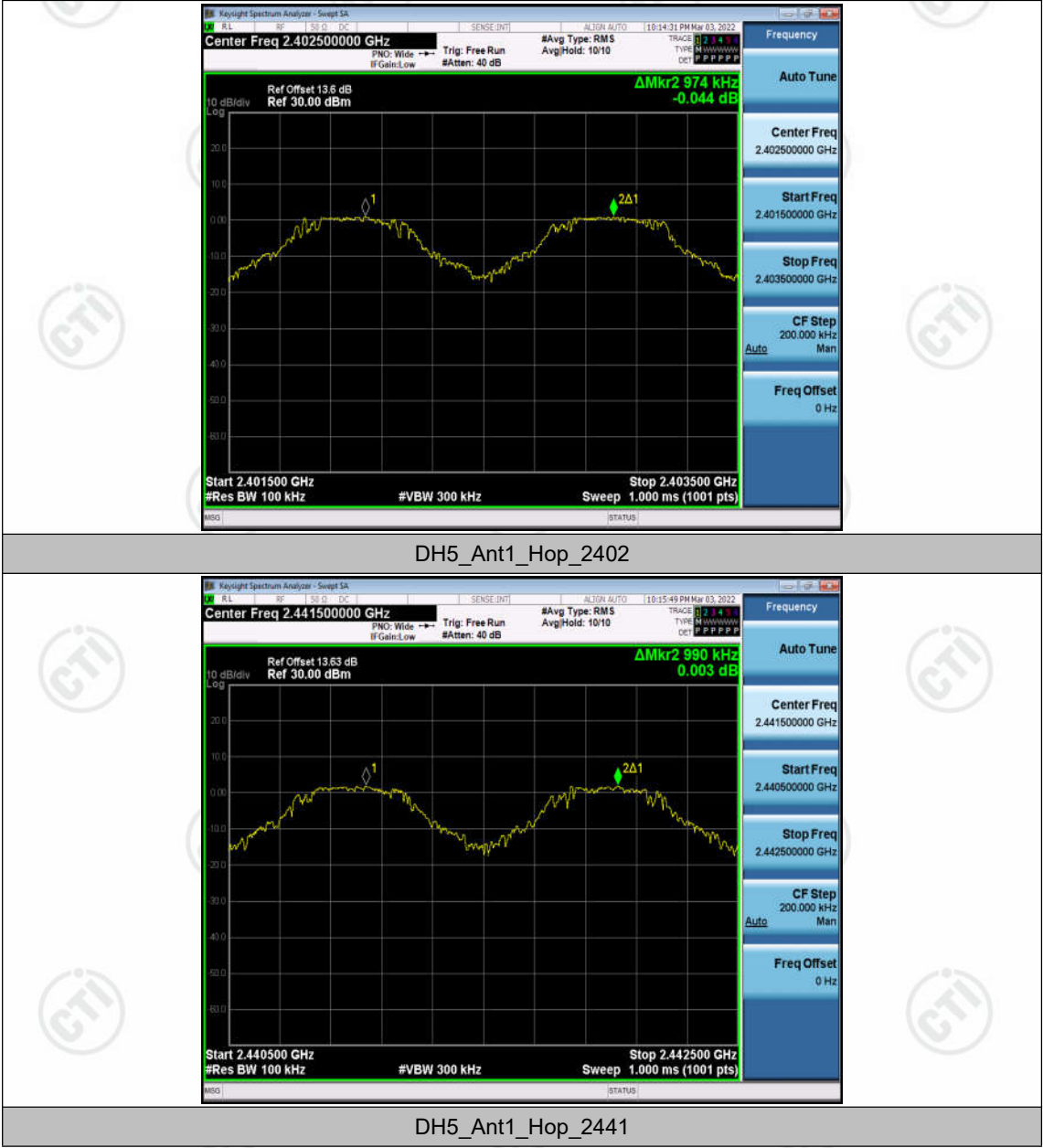


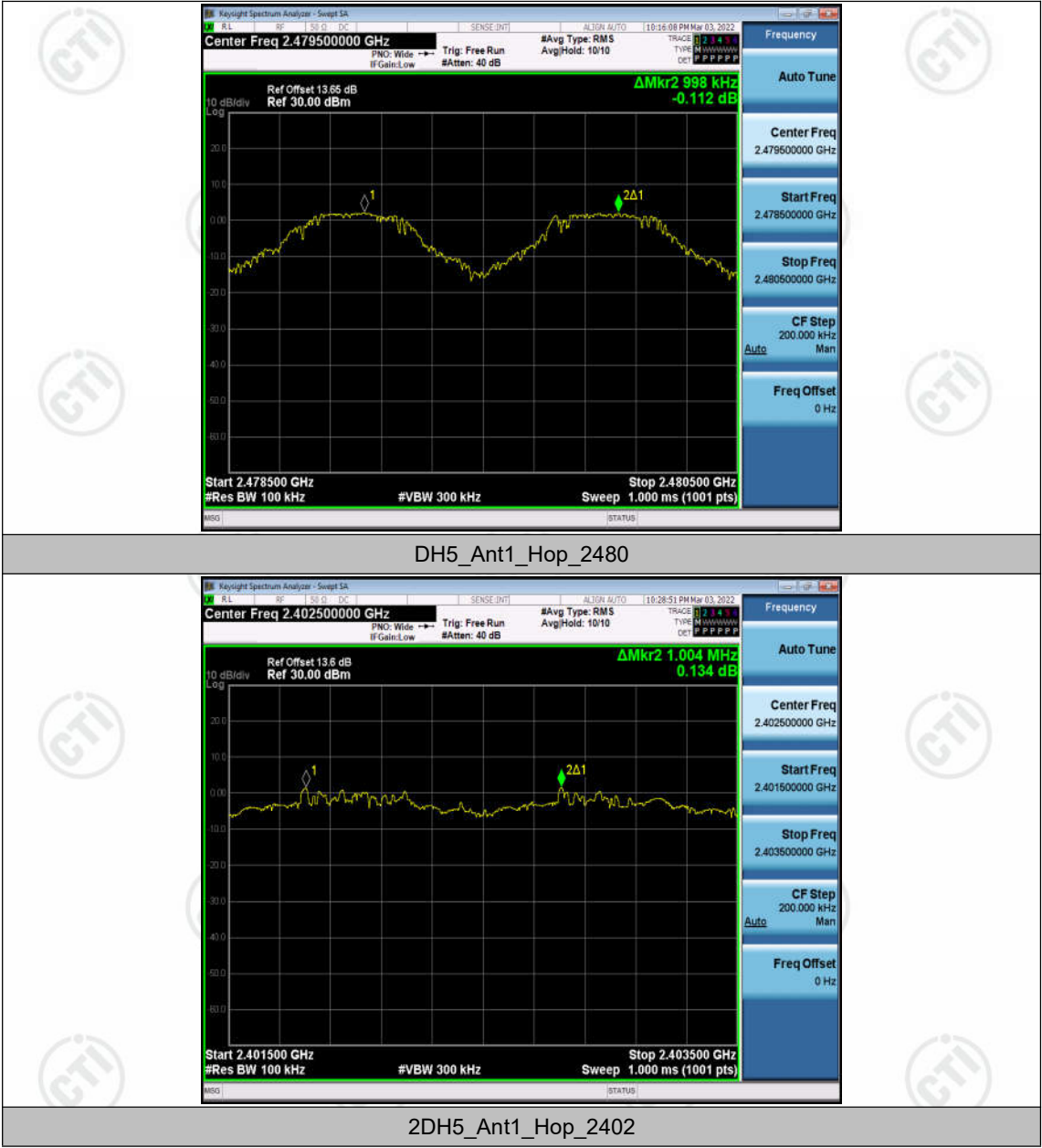
AppendixD: Carrier frequency separation

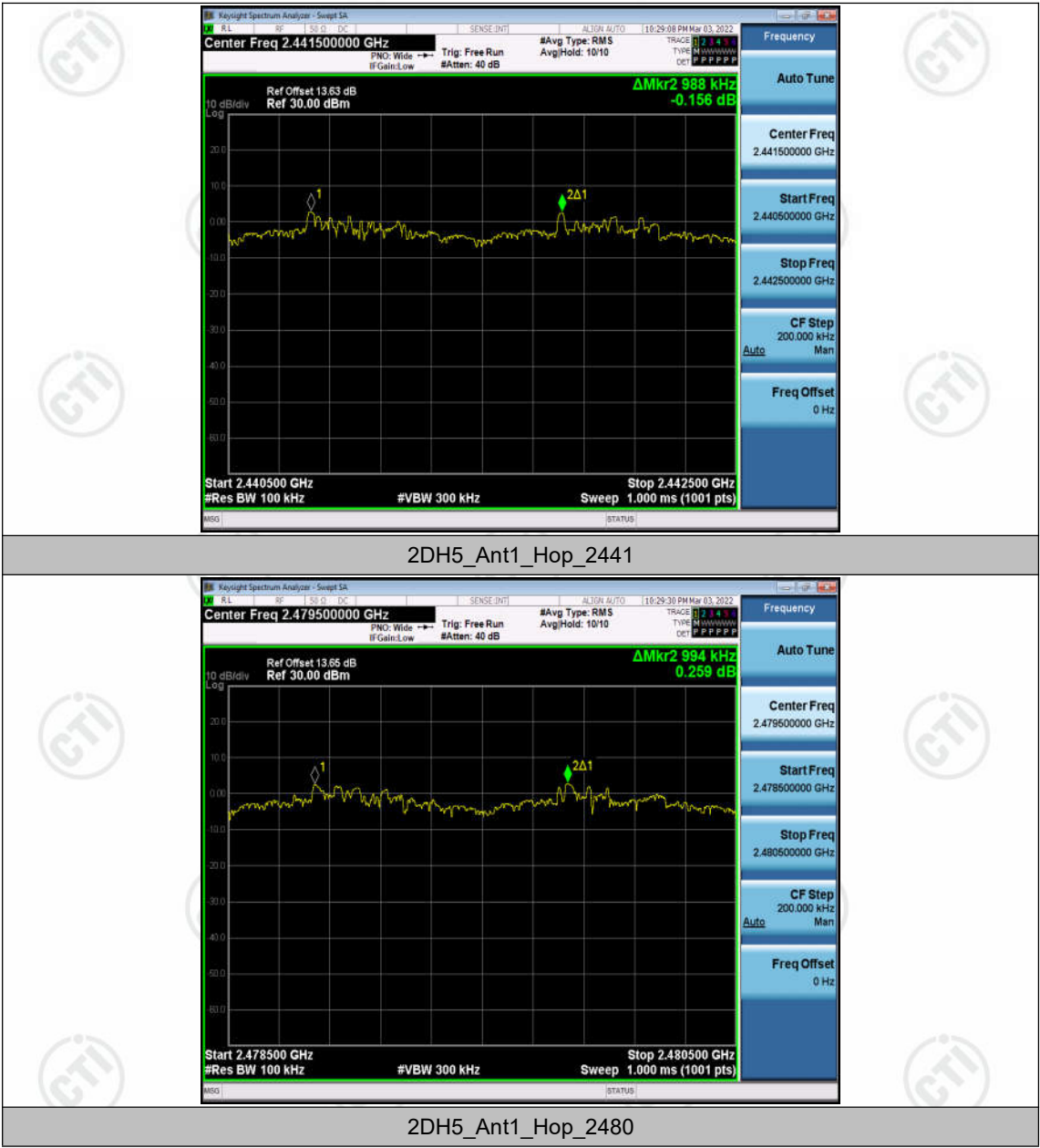
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	0.974	>=0.957	PASS
		Hop_2441	0.99	>=0.957	PASS
		Hop_2480	0.998	>=0.957	PASS
2DH5	Ant1	Hop_2402	1.004	>=0.880	PASS
		Hop_2441	0.988	>=0.880	PASS
		Hop_2480	0.994	>=0.880	PASS
3DH5	Ant1	Hop_2402	1.002	>=0.854	PASS
		Hop_2441	1.004	>=0.854	PASS
		Hop_2480	1.022	>=0.854	PASS

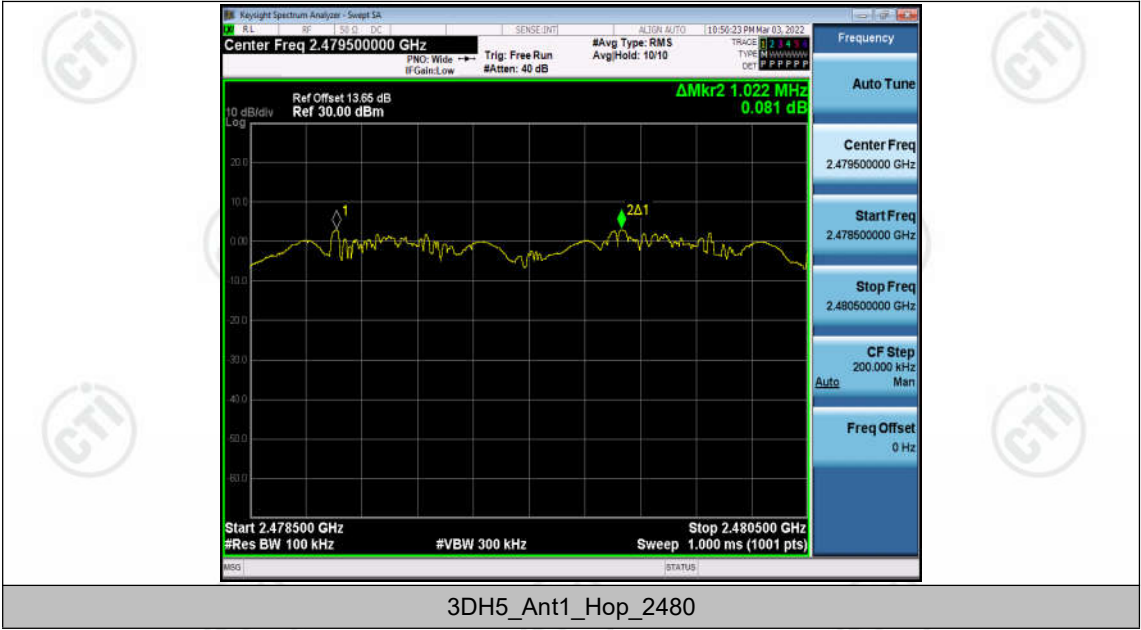
Test Graphs









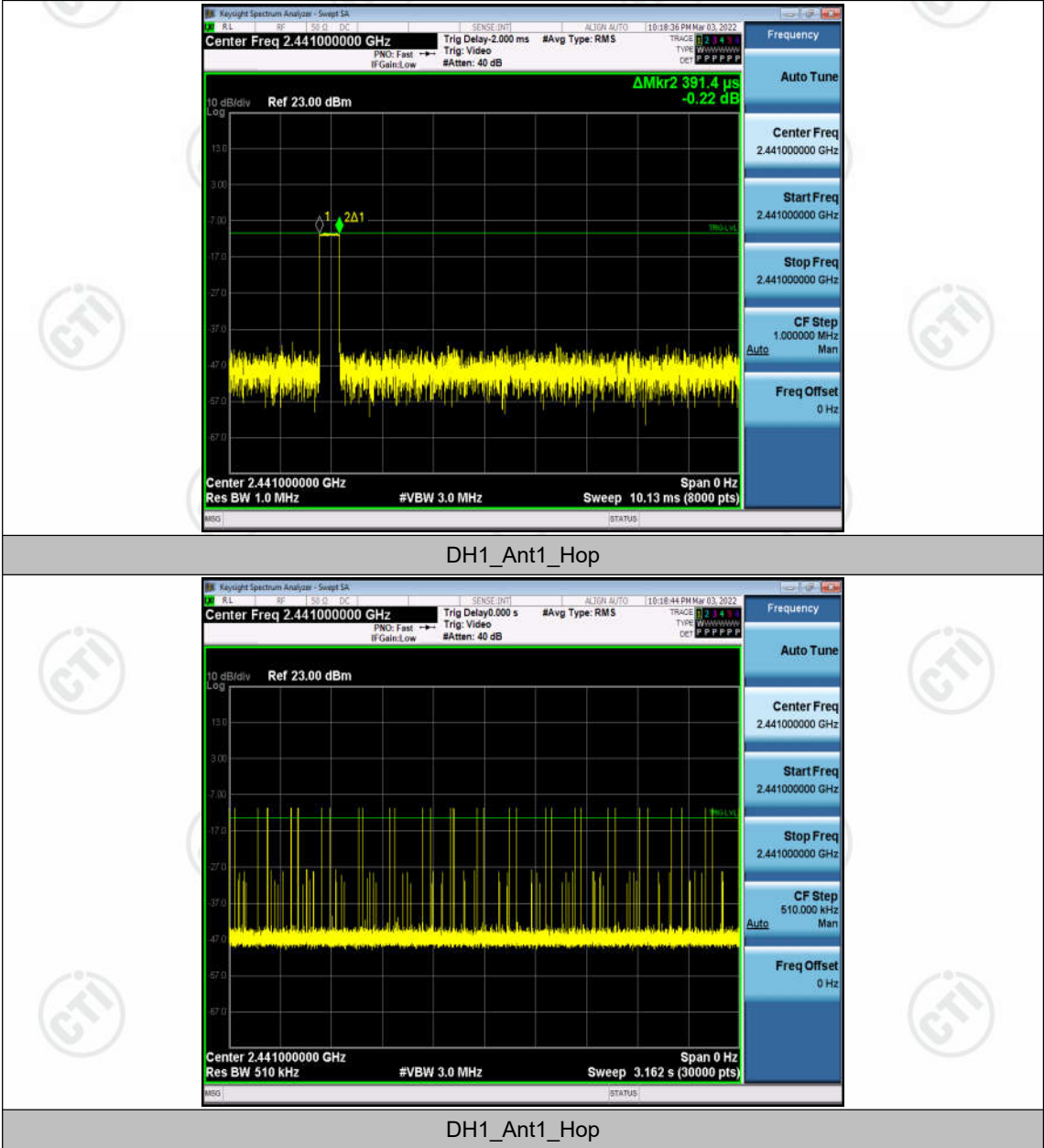


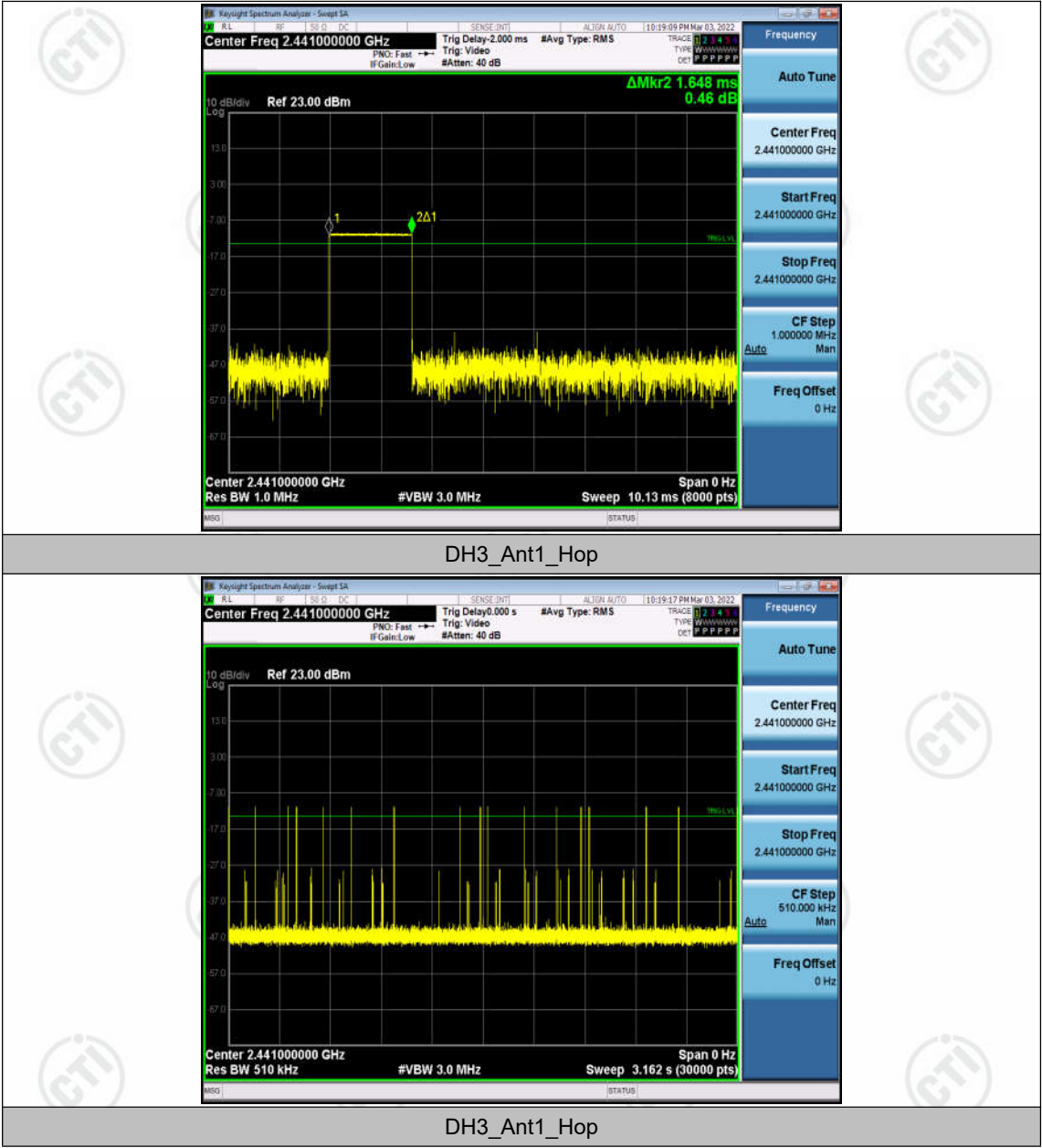
AppendixE: Time of occupancy

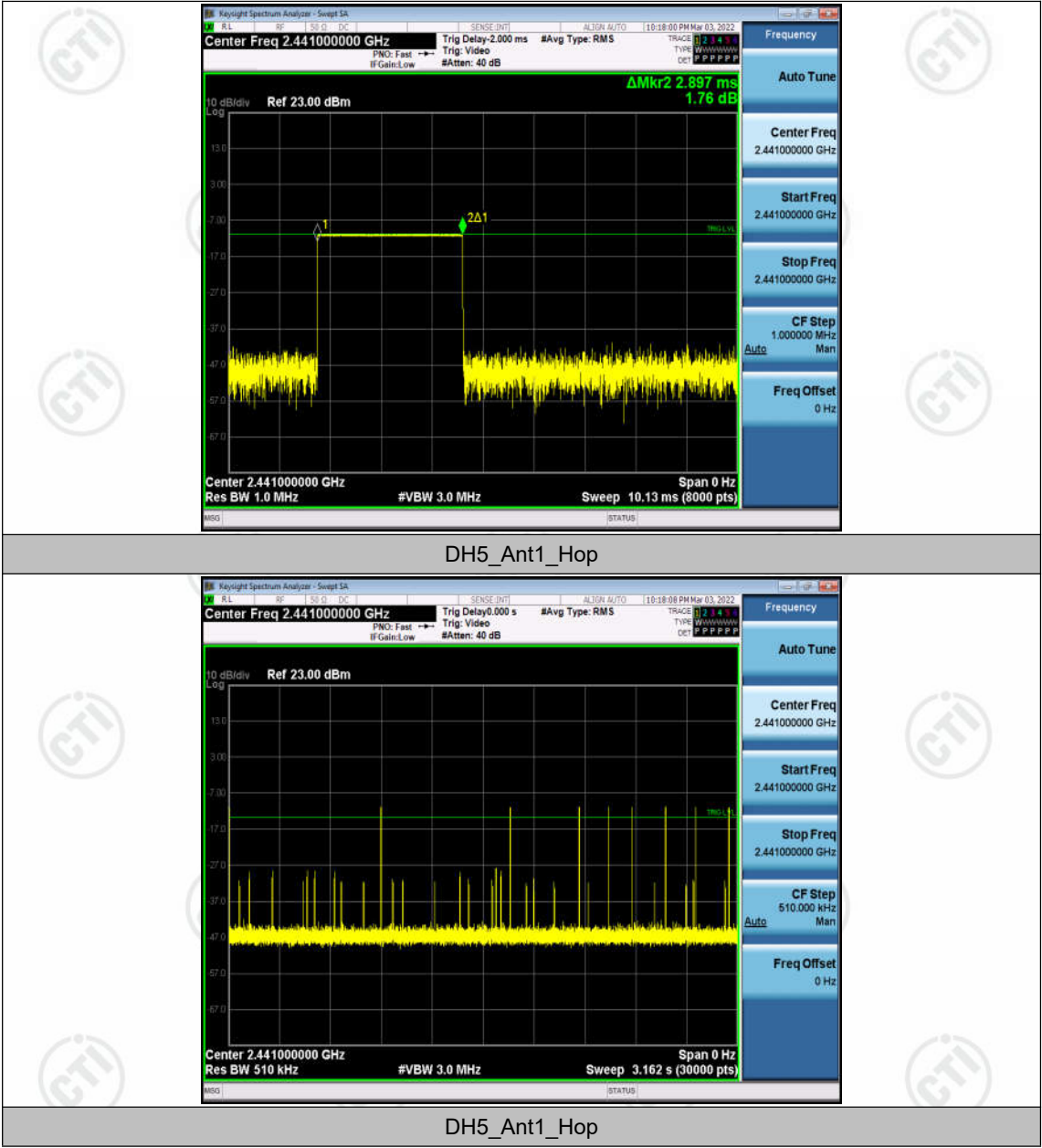
Test Result

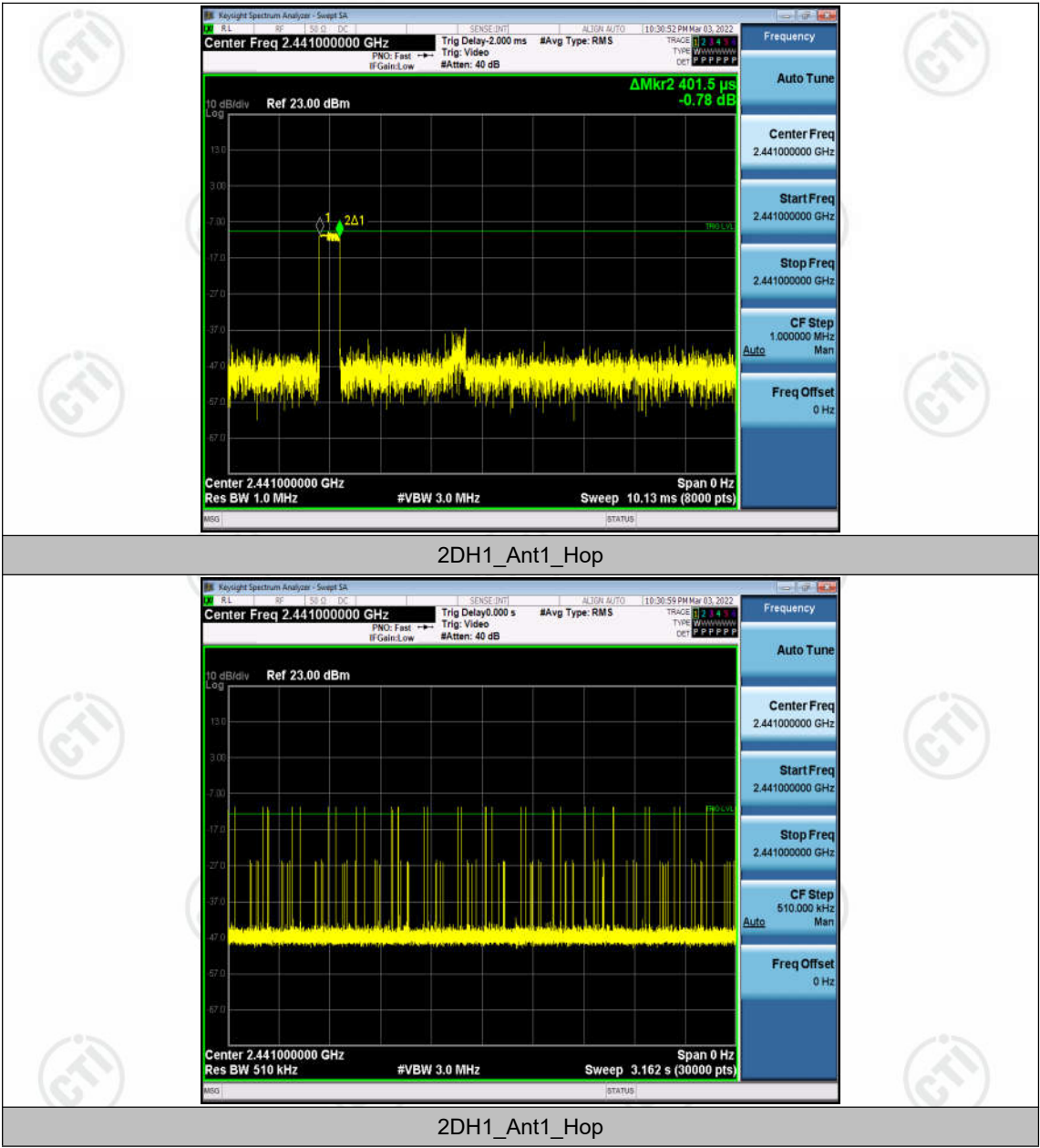
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	330	0.129	<=0.4	PASS
DH3	Ant1	Hop	1.65	170	0.28	<=0.4	PASS
DH5	Ant1	Hop	2.90	90	0.261	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	<=0.4	PASS
2DH3	Ant1	Hop	1.65	120	0.199	<=0.4	PASS
2DH5	Ant1	Hop	2.90	70	0.203	<=0.4	PASS
3DH1	Ant1	Hop	0.40	330	0.133	<=0.4	PASS
3DH3	Ant1	Hop	1.65	220	0.364	<=0.4	PASS
3DH5	Ant1	Hop	2.91	130	0.378	<=0.4	PASS

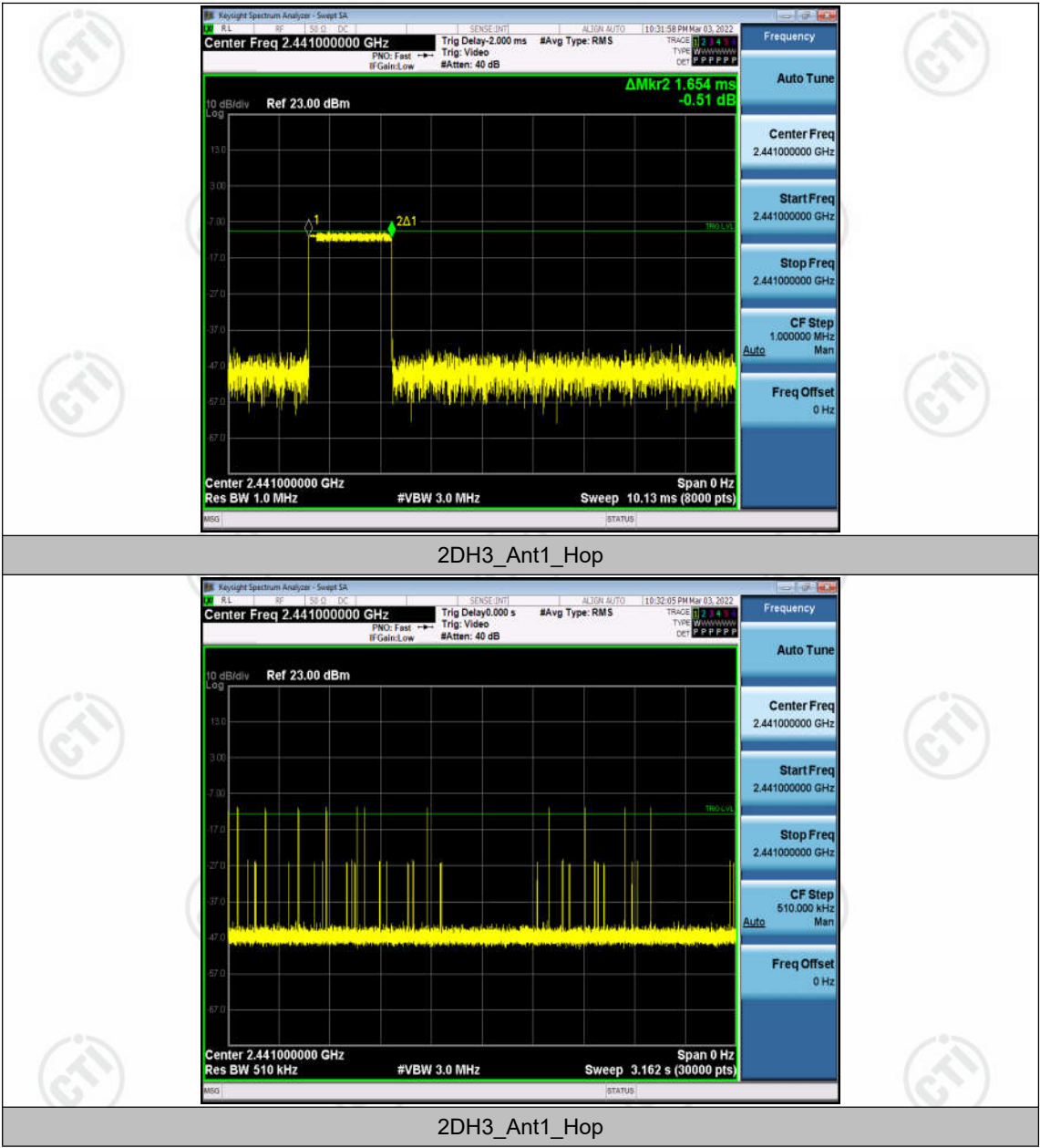
Test Graphs

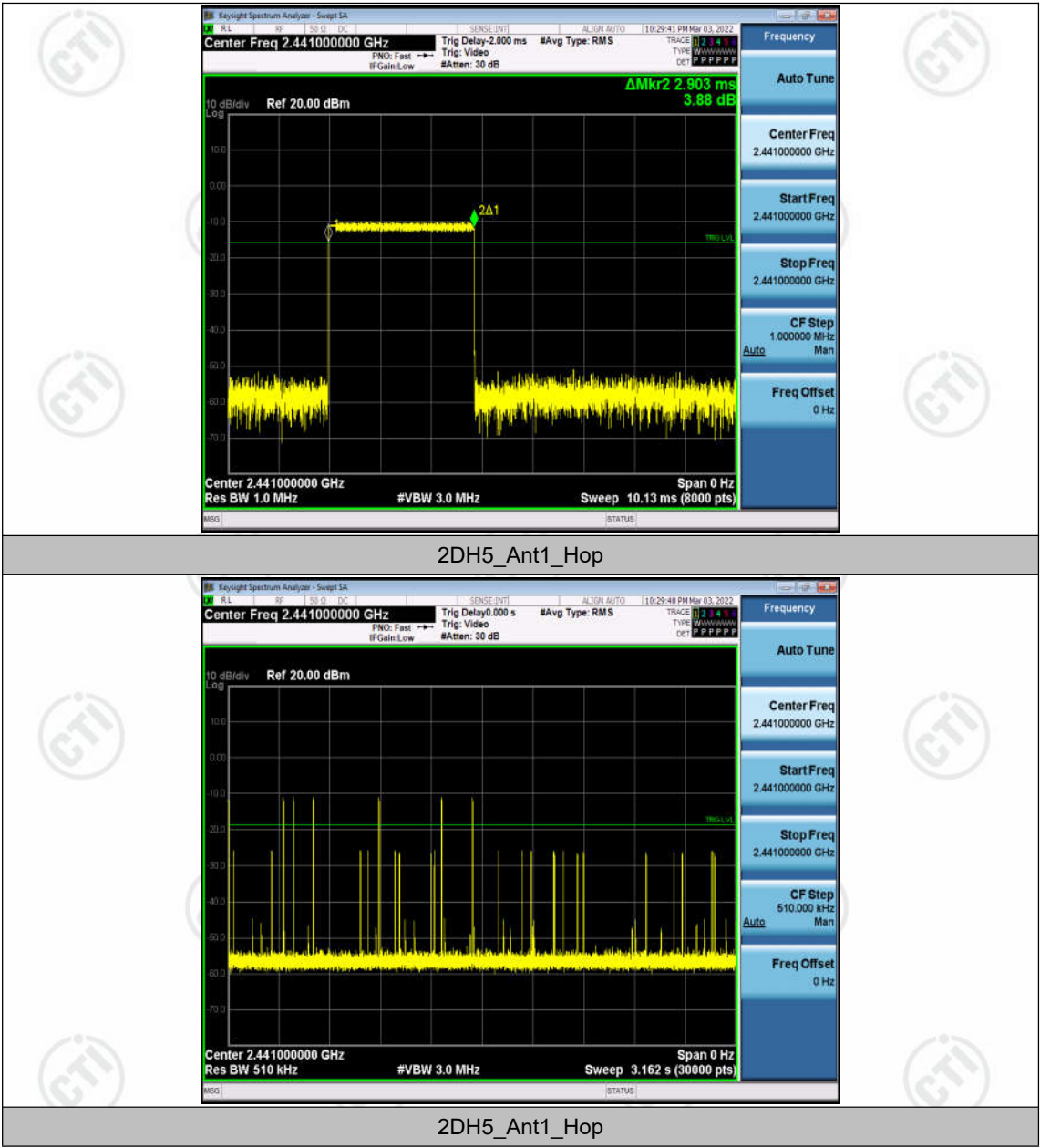


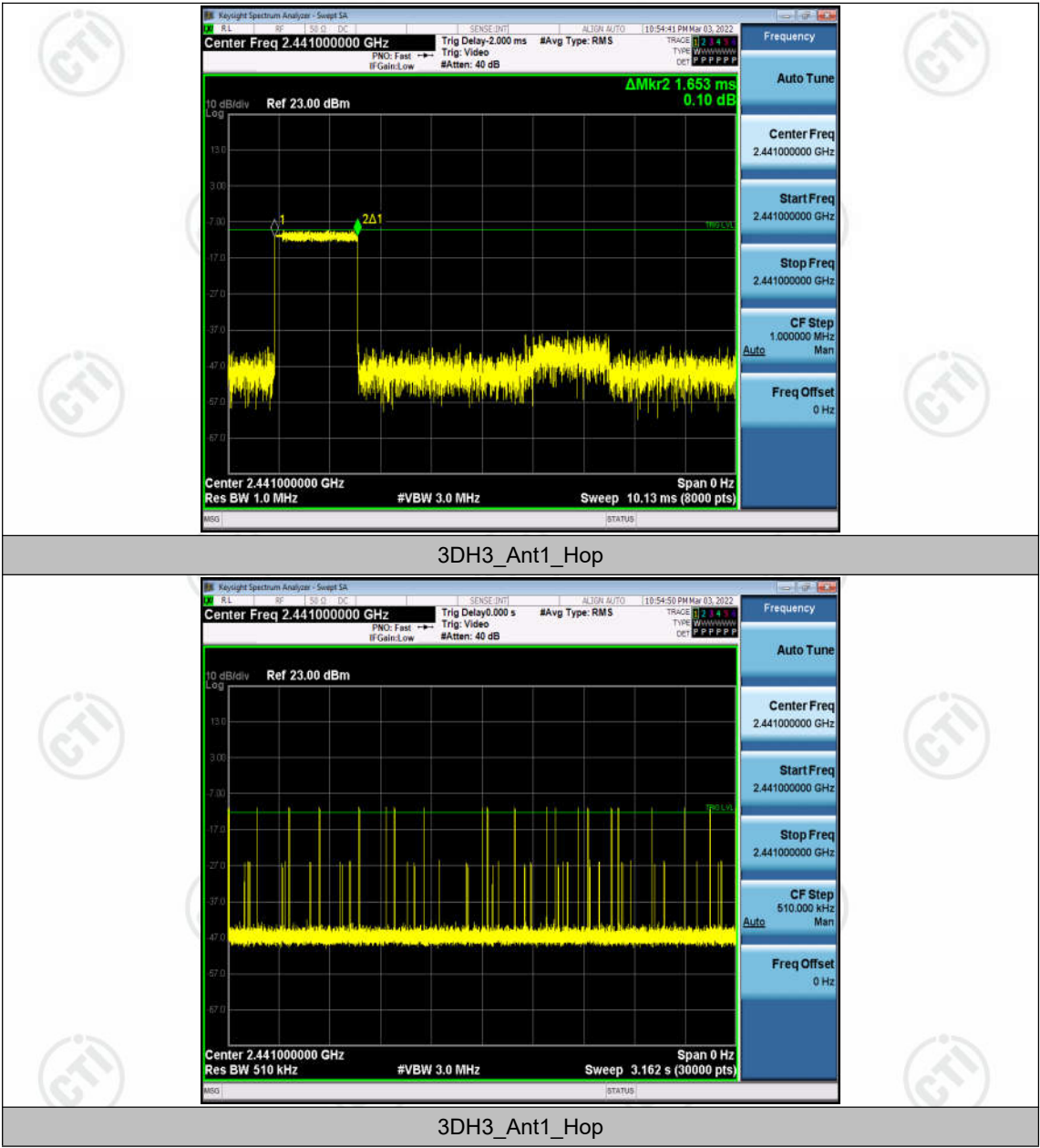


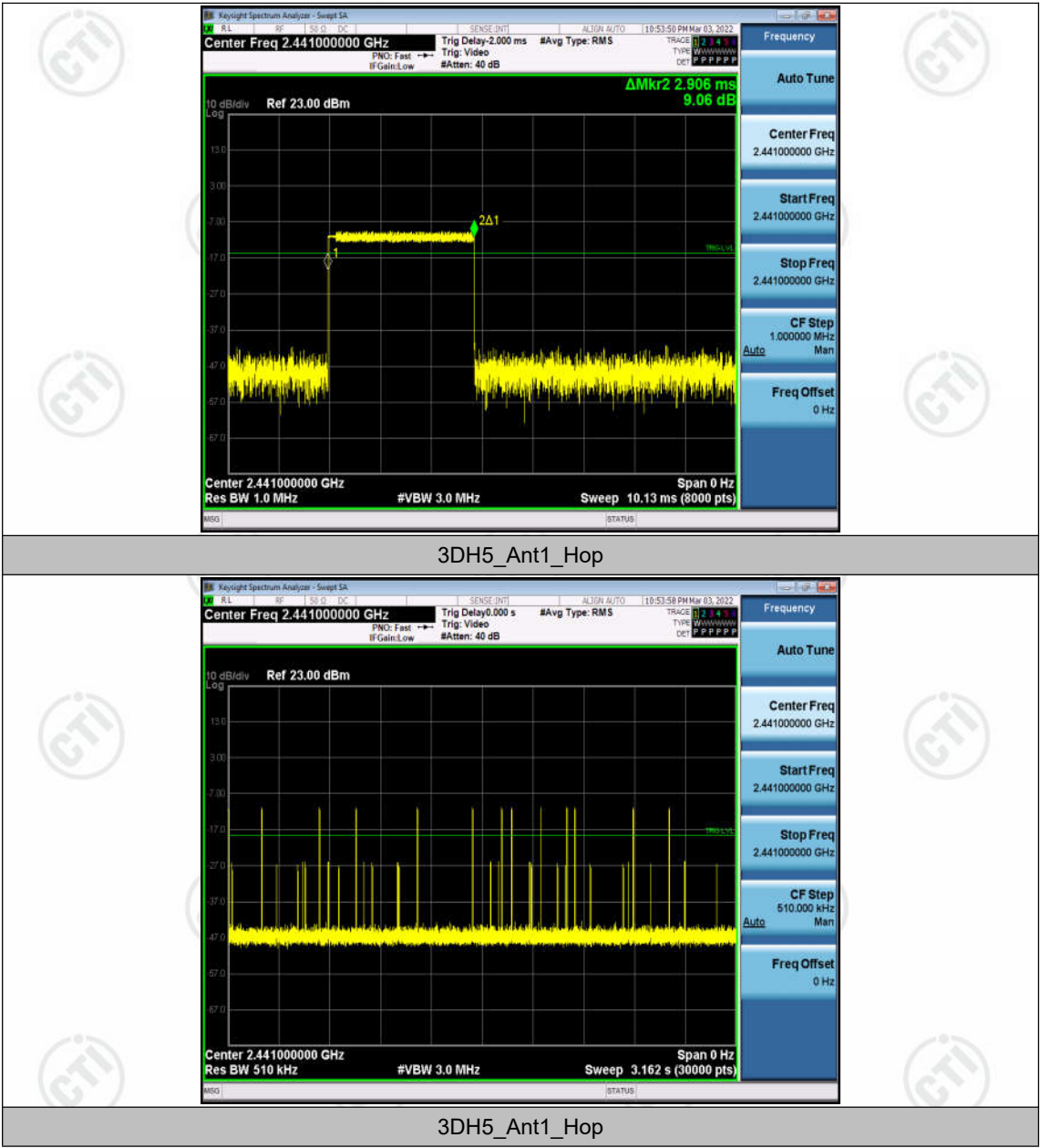










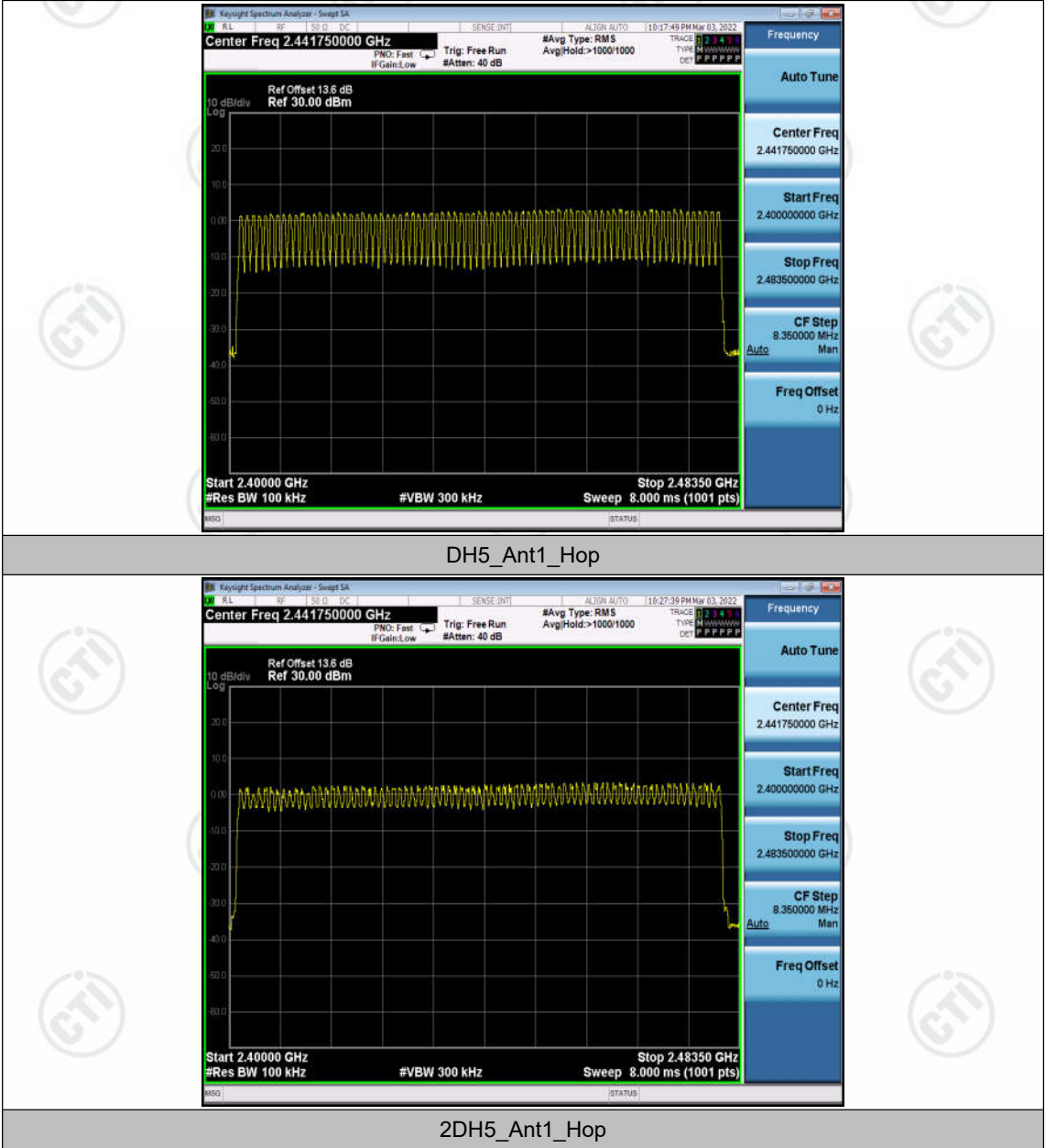


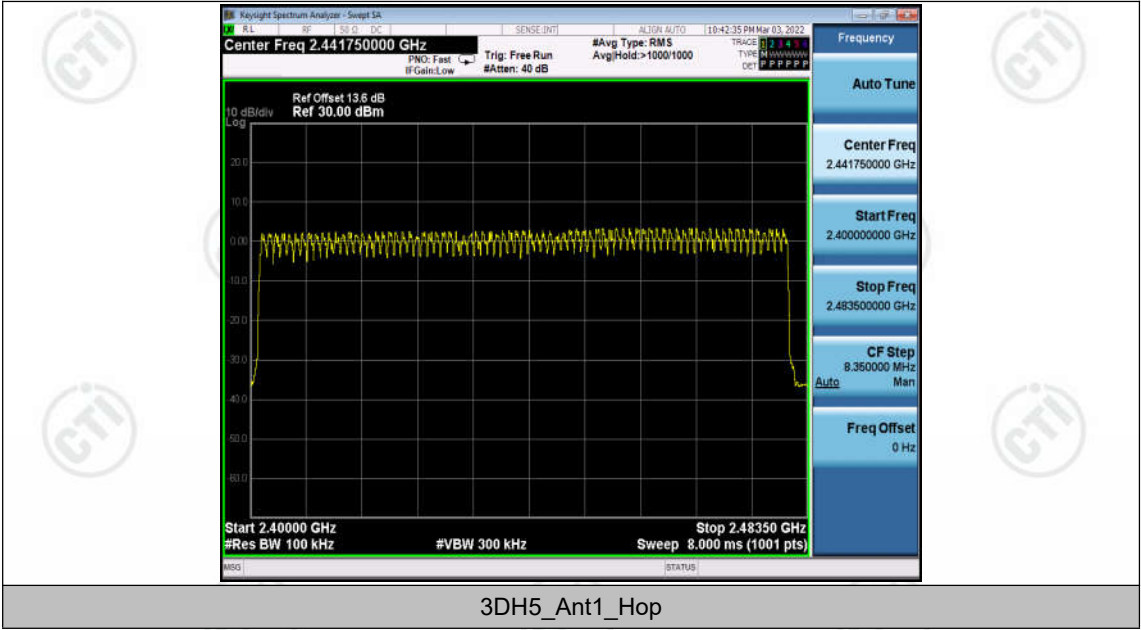
AppendixF: Number of hopping channels

Test Result

TestMode	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



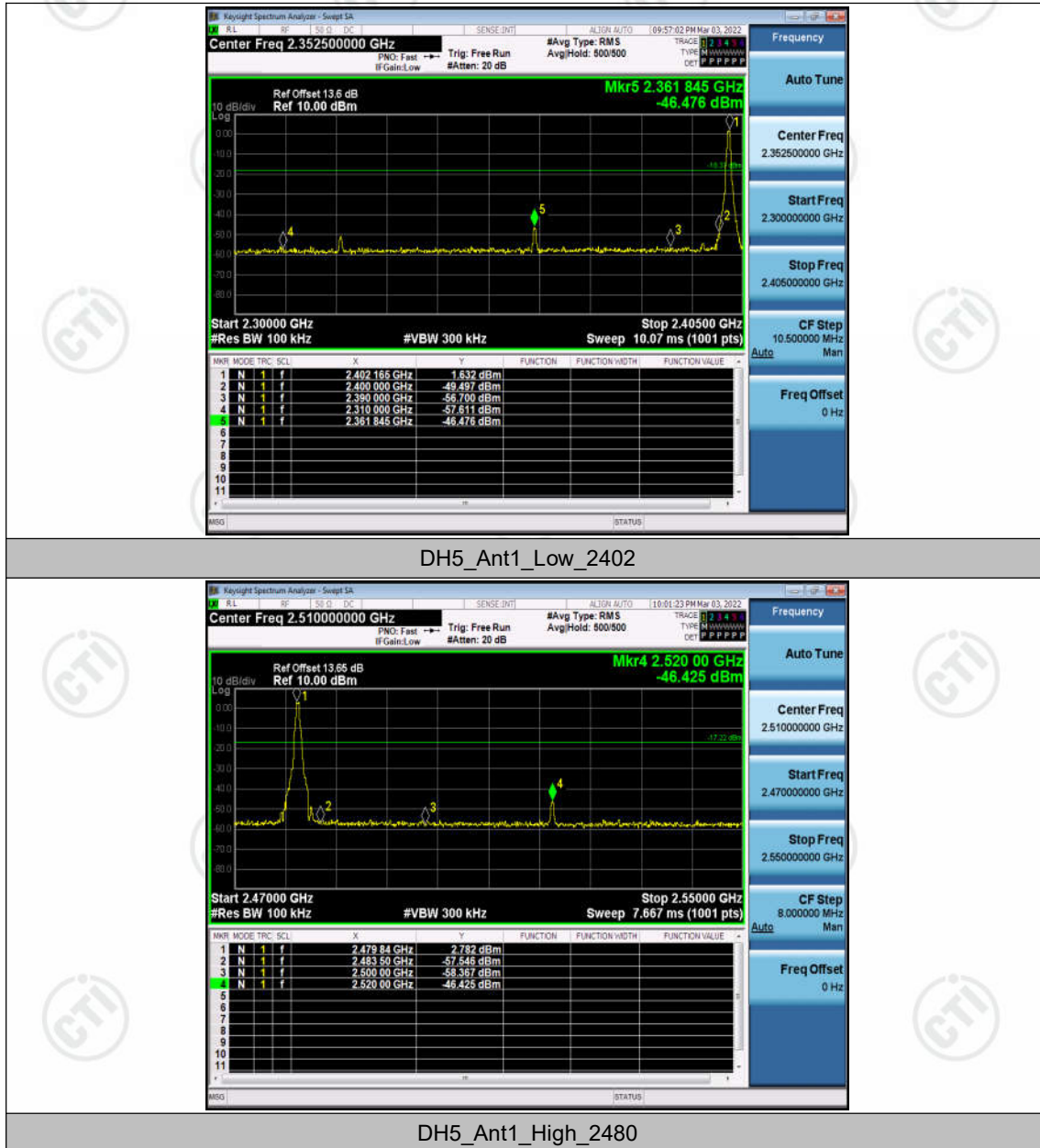


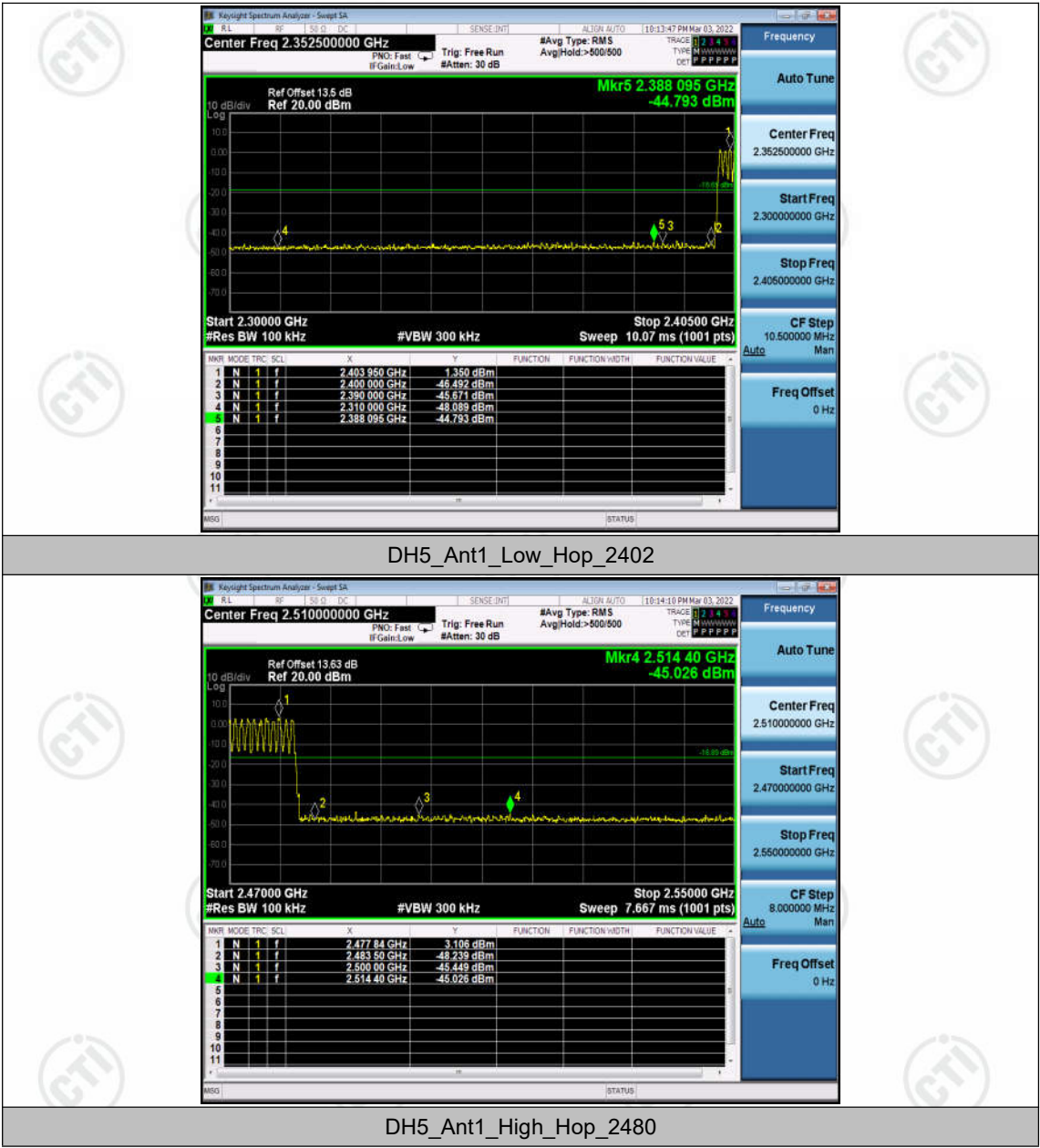
AppendixG:Band edge measurements

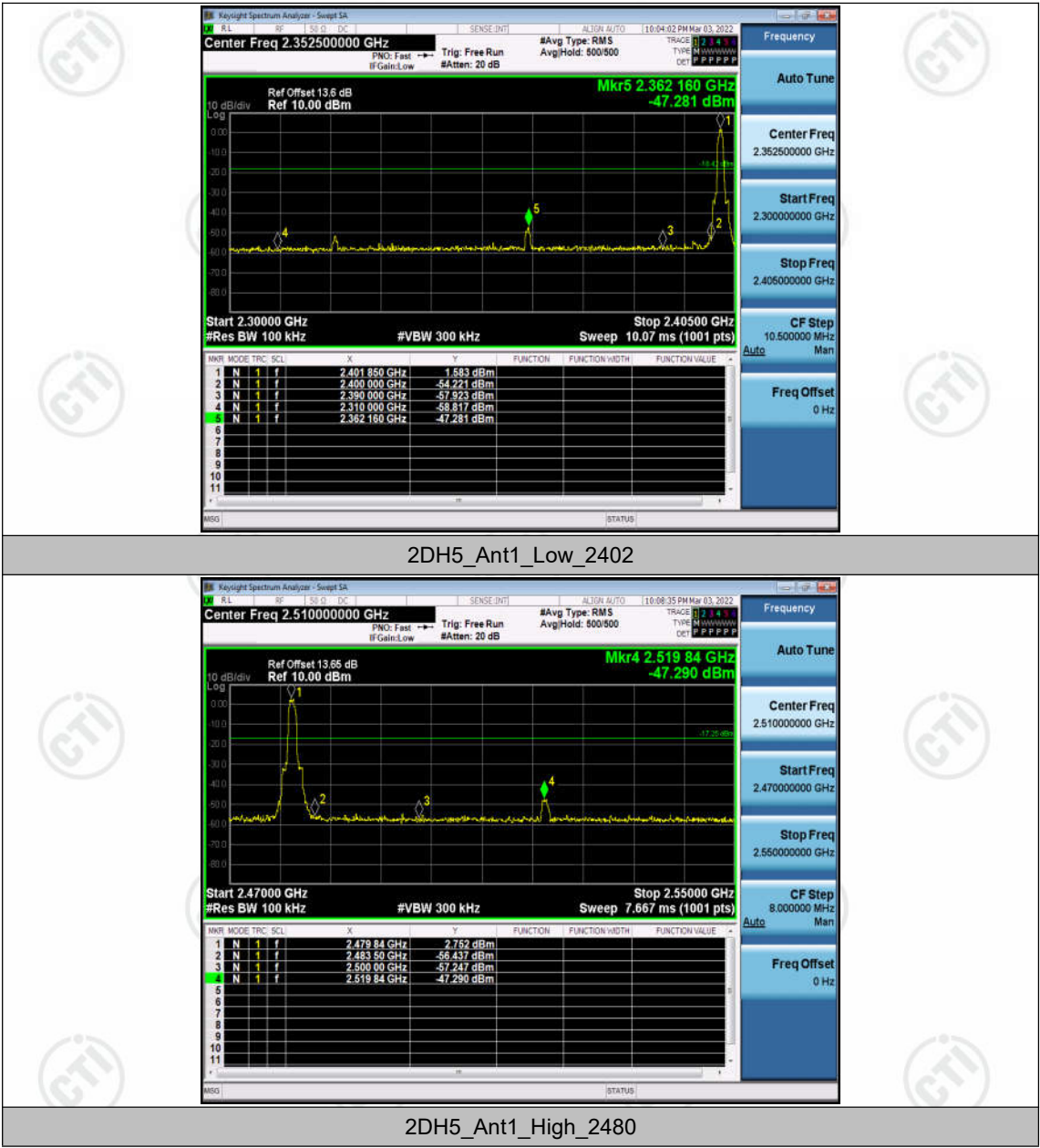
Test Result

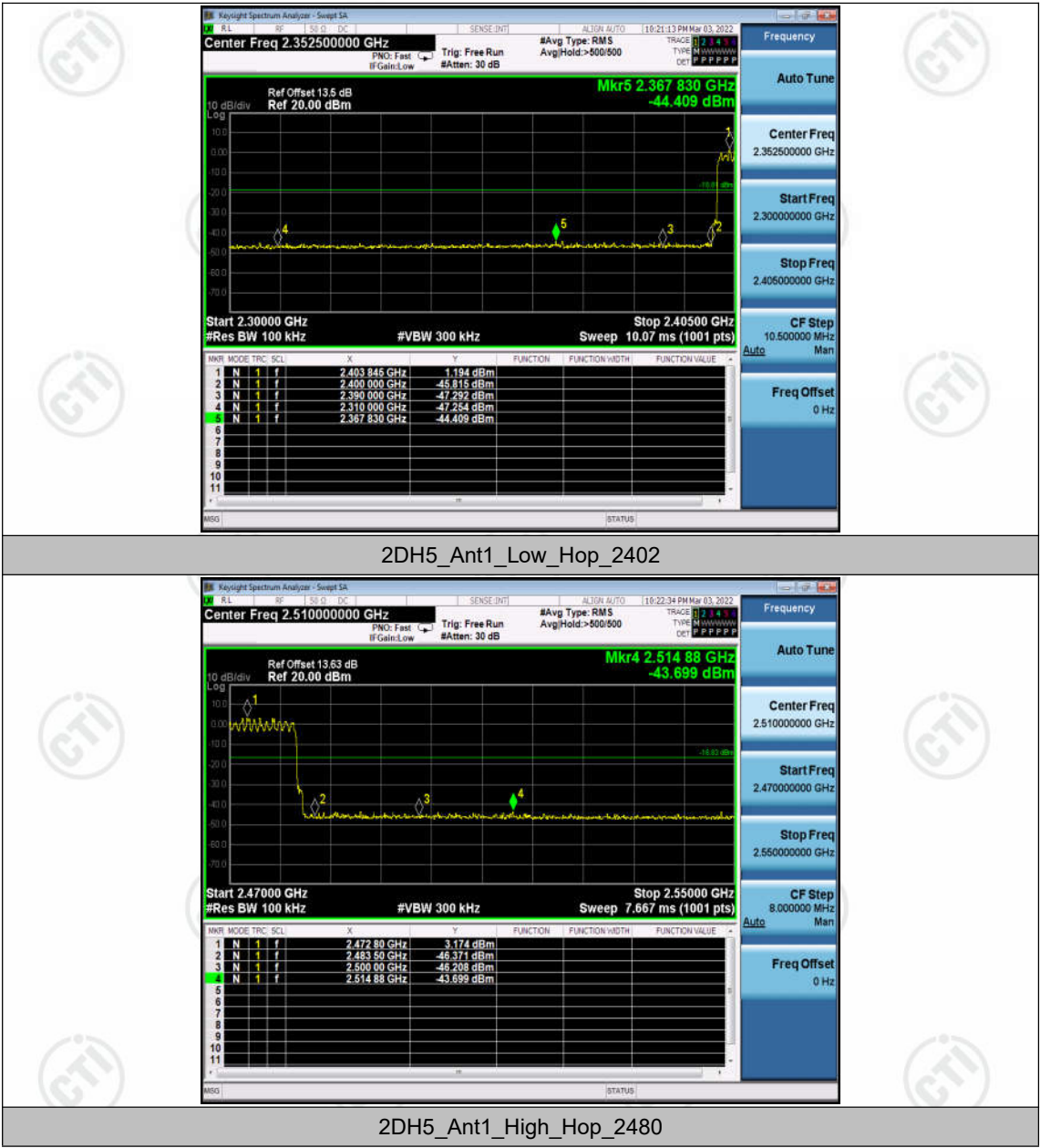
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.63	-46.48	<=-18.37	PASS
		High	2480	2.78	-46.43	<=-17.22	PASS
		Low	Hop_2402	1.35	-44.79	<=-18.65	PASS
		High	Hop_2480	3.11	-45.03	<=-16.89	PASS
2DH5	Ant1	Low	2402	1.58	-47.28	<=-18.42	PASS
		High	2480	2.75	-47.29	<=-17.25	PASS
		Low	Hop_2402	1.19	-44.41	<=-18.81	PASS
		High	Hop_2480	3.17	-43.7	<=-16.83	PASS
3DH5	Ant1	Low	2402	1.56	-47.67	<=-18.44	PASS
		High	2480	2.83	-47.43	<=-17.17	PASS
		Low	Hop_2402	1.85	-44.53	<=-18.15	PASS
		High	Hop_2480	3.13	-43.73	<=-16.87	PASS

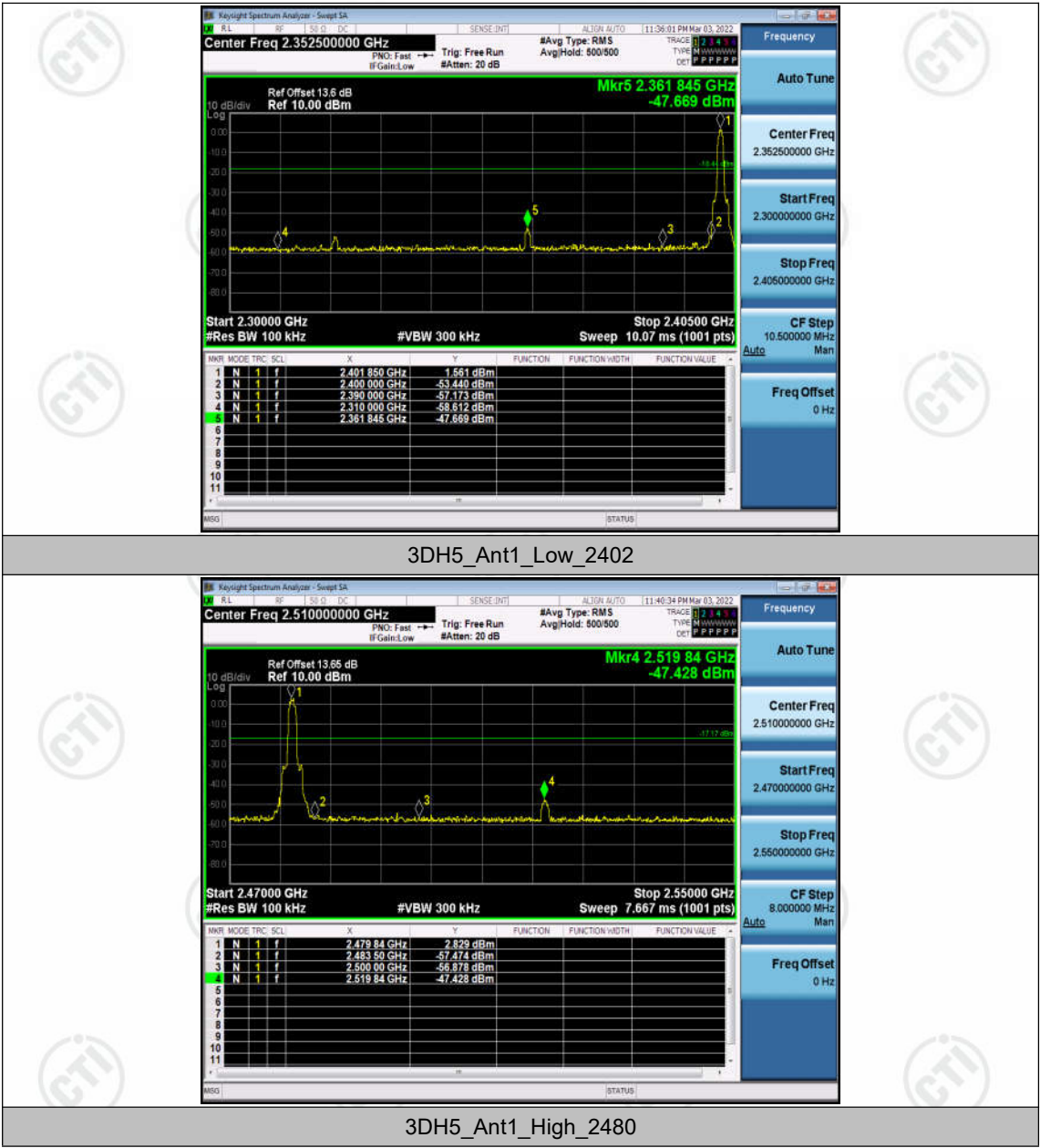
Test Graphs

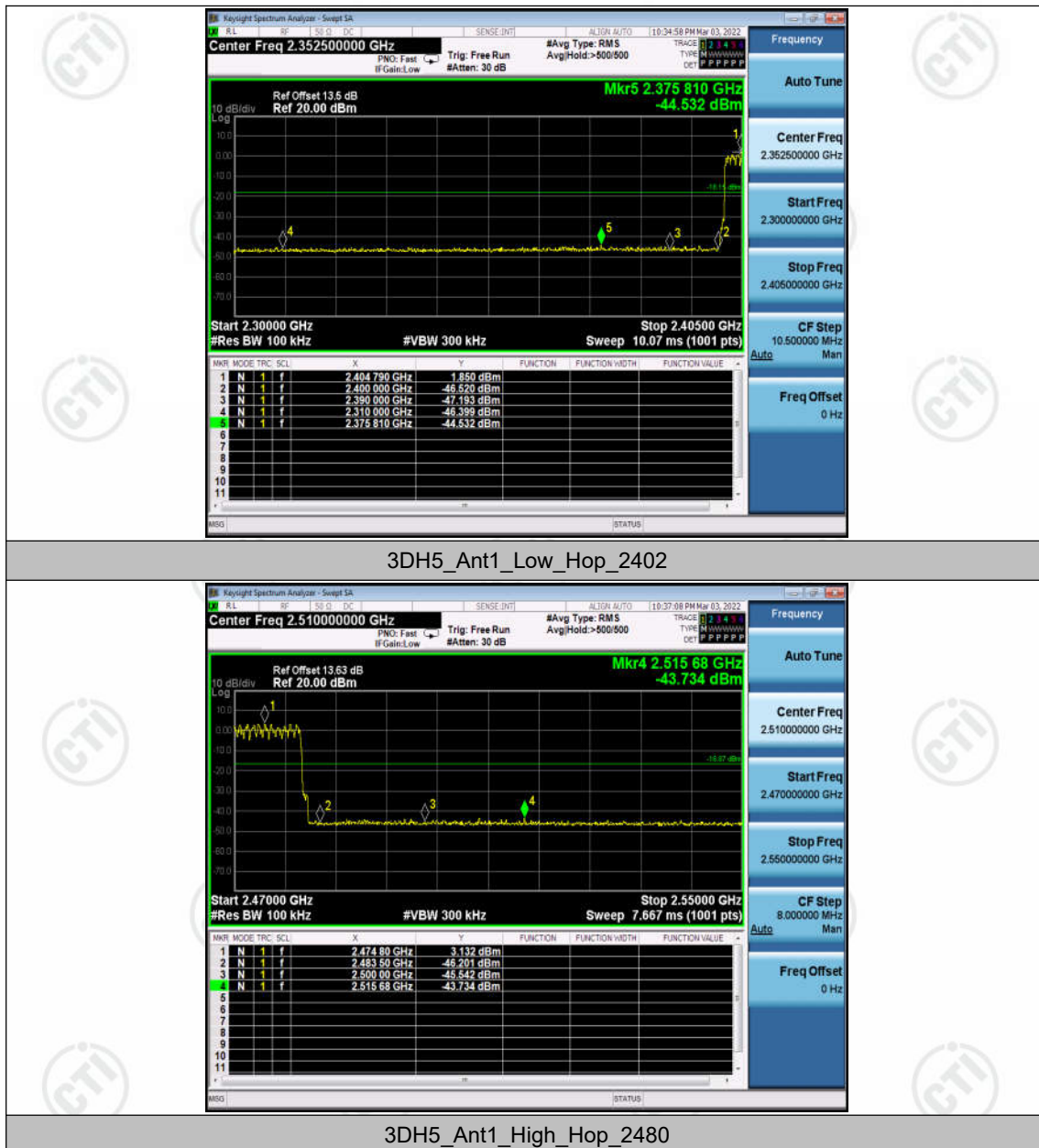










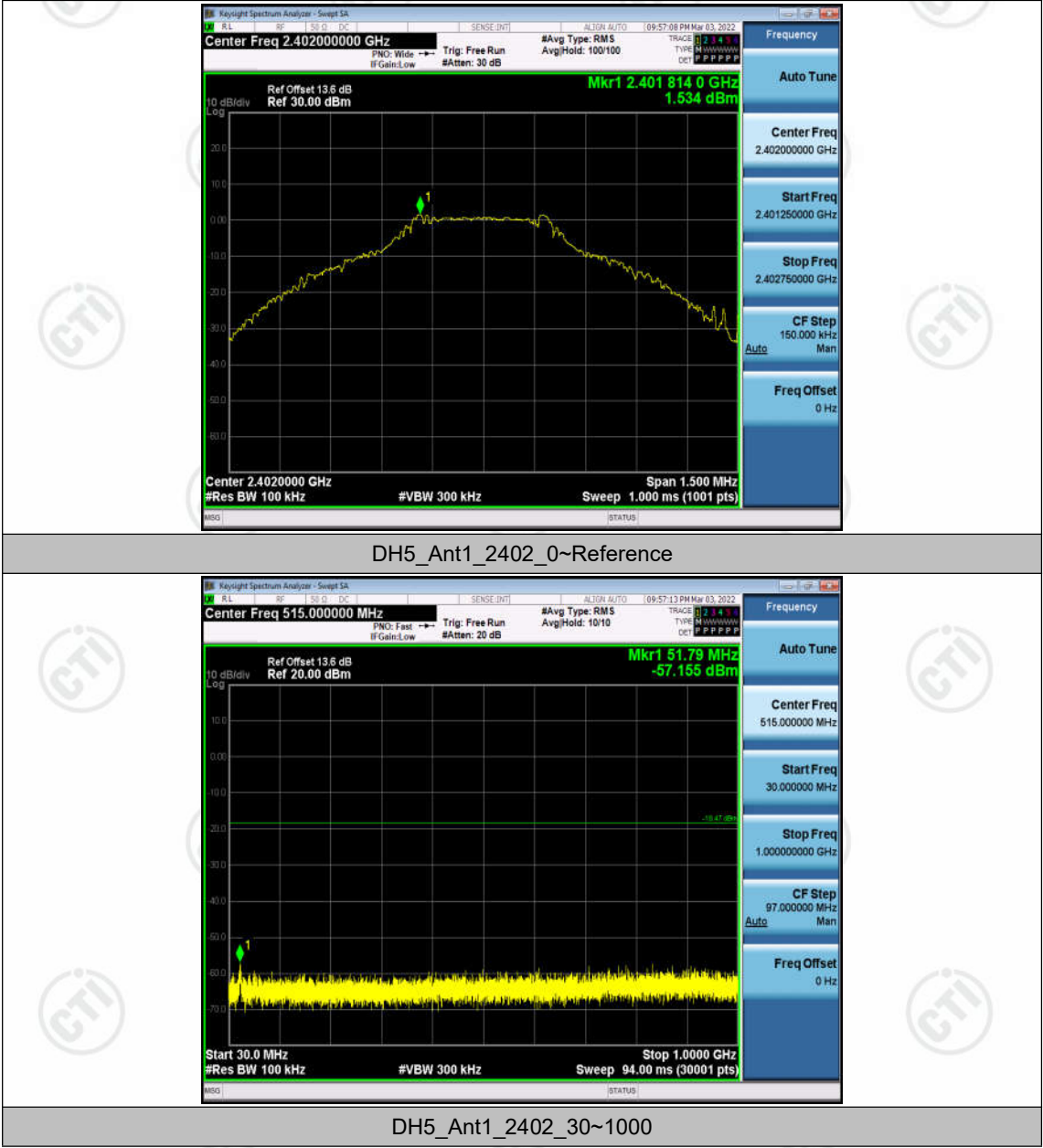


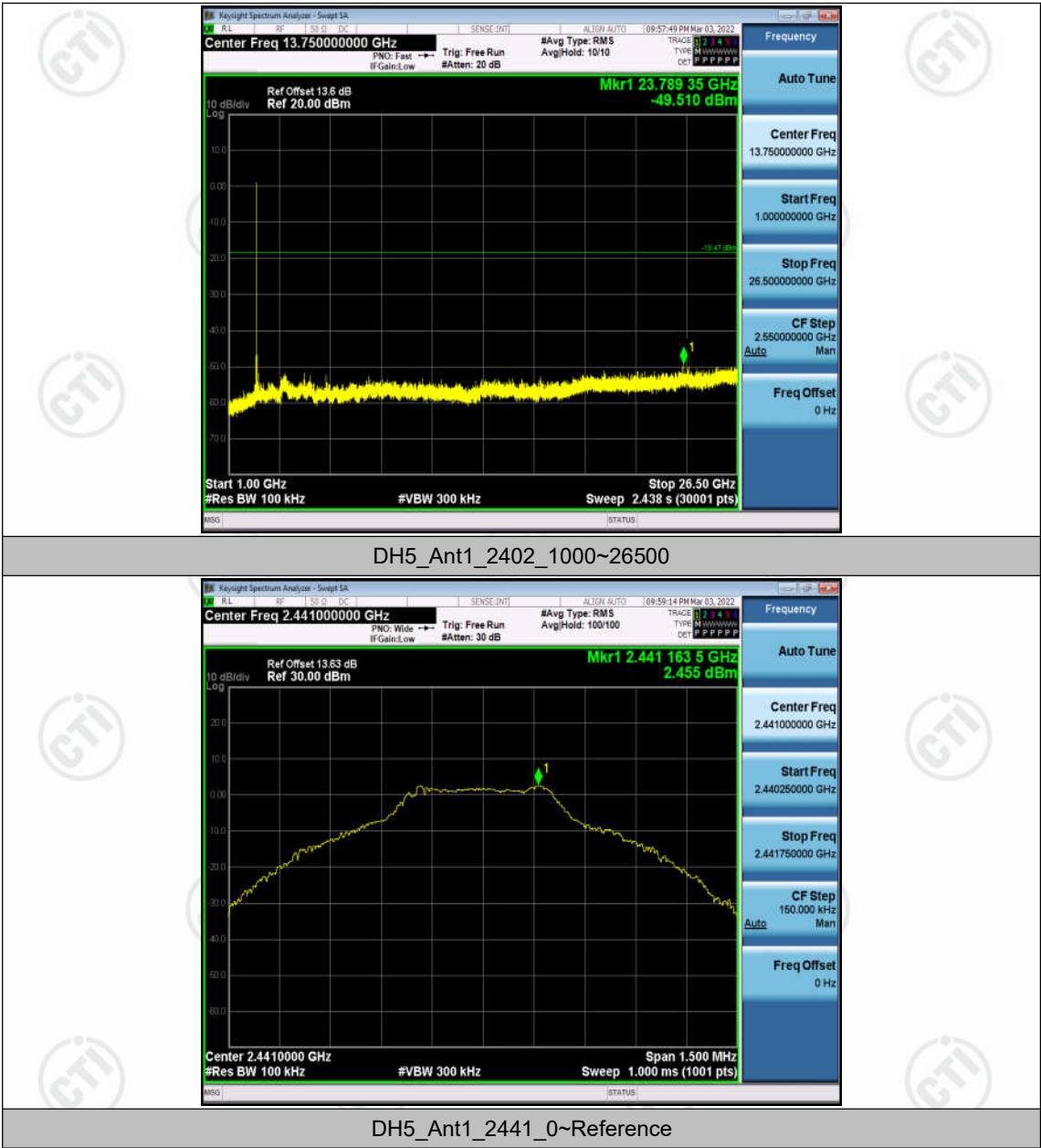
AppendixH:Conducted SpuriousEmission

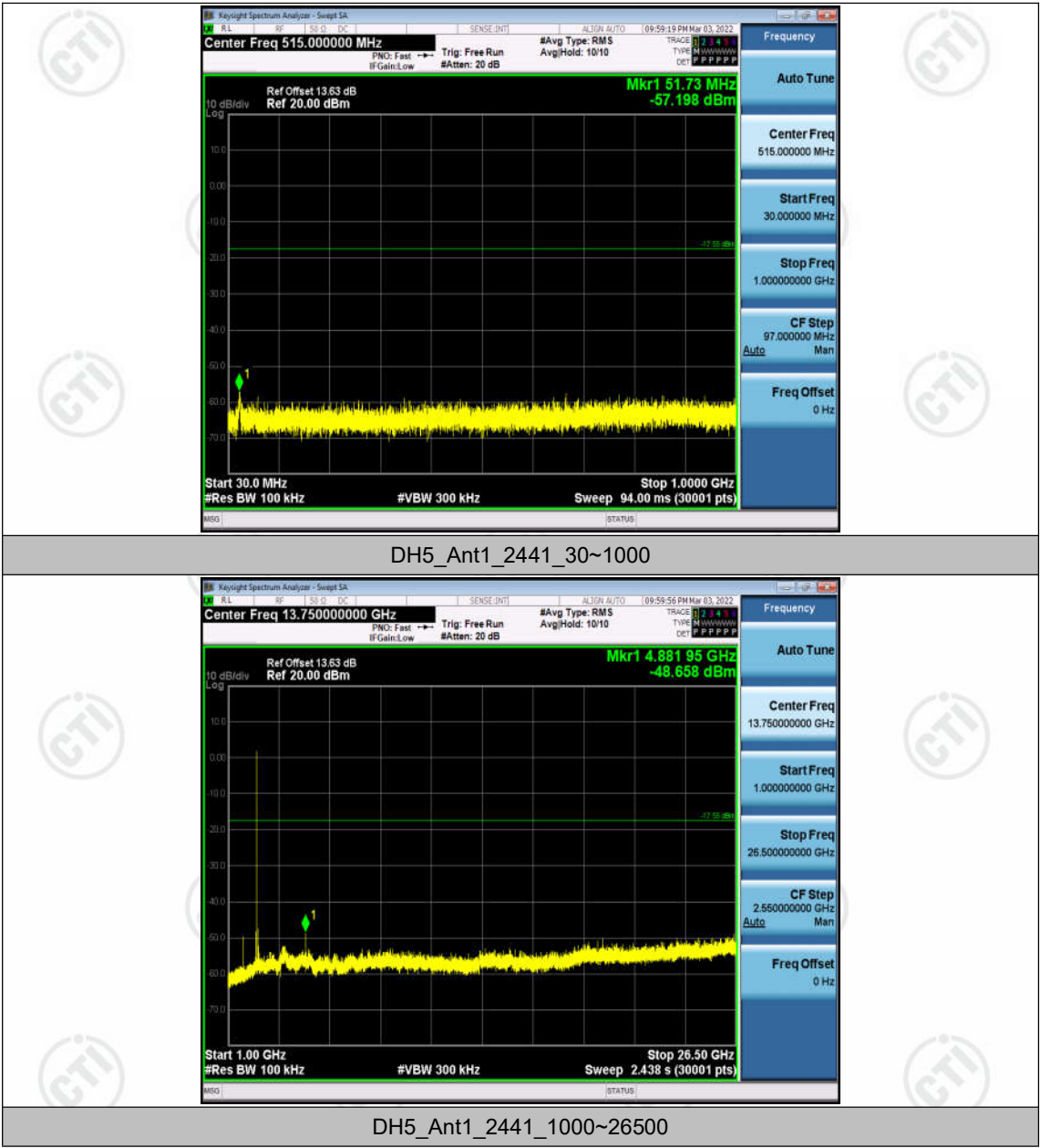
Test Result

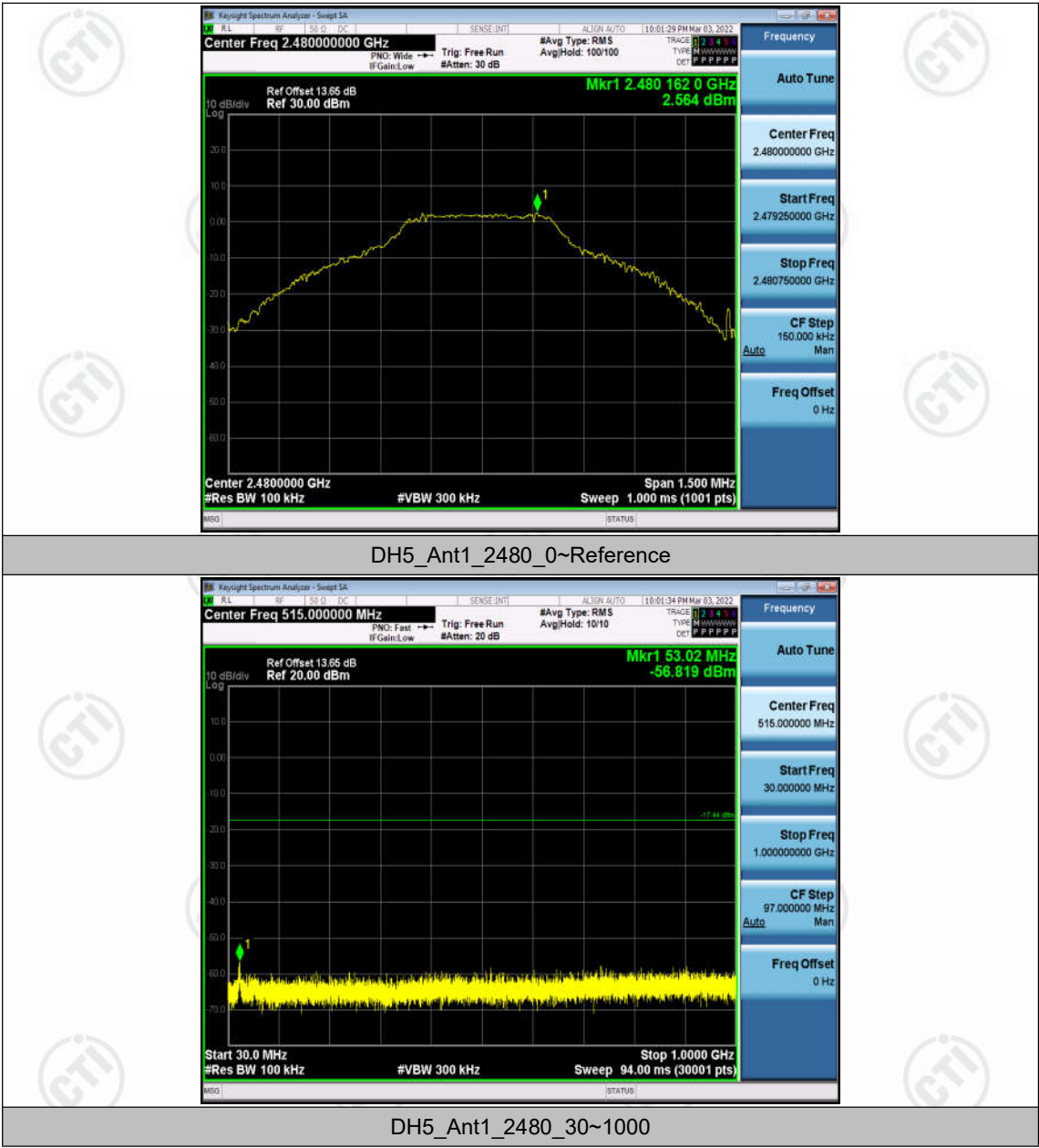
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.53	1.53	---	PASS
			30~1000	30~1000	-57.155	<=-18.466	PASS
			1000~26500	1000~26500	-49.51	<=-18.466	PASS
		2441	Reference	2.46	2.46	---	PASS
			30~1000	30~1000	-57.198	<=-17.545	PASS
			1000~26500	1000~26500	-48.658	<=-17.545	PASS
		2480	Reference	2.56	2.56	---	PASS
			30~1000	30~1000	-56.819	<=-17.436	PASS
			1000~26500	1000~26500	-38.328	<=-17.436	PASS
2DH5	Ant1	2402	Reference	1.35	1.35	---	PASS
			30~1000	30~1000	-57.538	<=-18.653	PASS
			1000~26500	1000~26500	-49.391	<=-18.653	PASS
		2441	Reference	2.46	2.46	---	PASS
			30~1000	30~1000	-56.857	<=-17.543	PASS
			1000~26500	1000~26500	-49.443	<=-17.543	PASS
		2480	Reference	2.73	2.73	---	PASS
			30~1000	30~1000	-56.628	<=-17.271	PASS
			1000~26500	1000~26500	-30.041	<=-17.271	PASS
3DH5	Ant1	2402	Reference	1.44	1.44	---	PASS
			30~1000	30~1000	-57.179	<=-18.562	PASS
			1000~26500	1000~26500	-49.1	<=-18.562	PASS
		2441	Reference	2.35	2.35	---	PASS
			30~1000	30~1000	-55.158	<=-17.649	PASS
			1000~26500	1000~26500	-49.191	<=-17.649	PASS
		2480	Reference	1.56	1.56	---	PASS
			30~1000	30~1000	-55.652	<=-18.439	PASS
			1000~26500	1000~26500	-49.693	<=-18.439	PASS

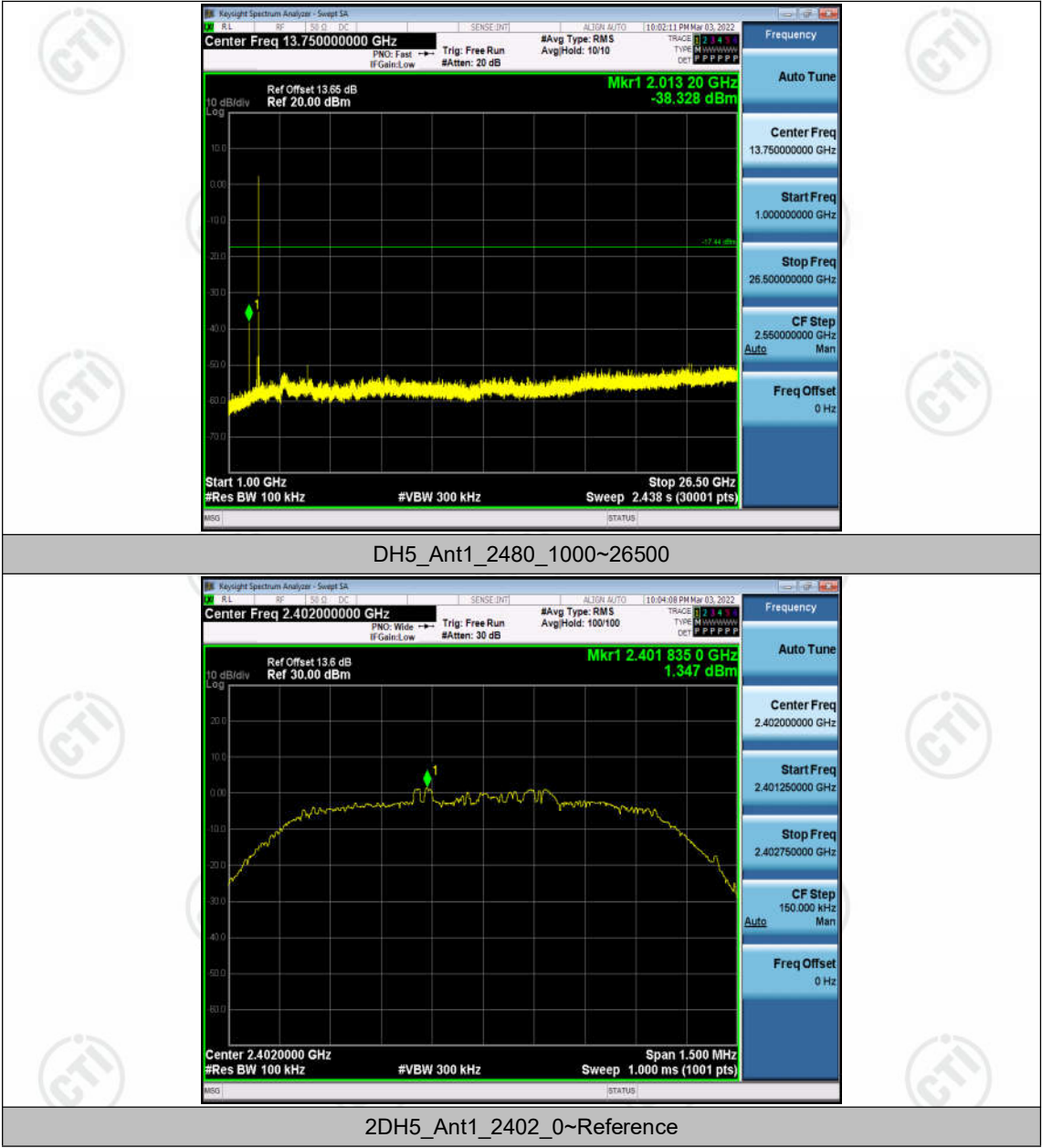
Test Graphs

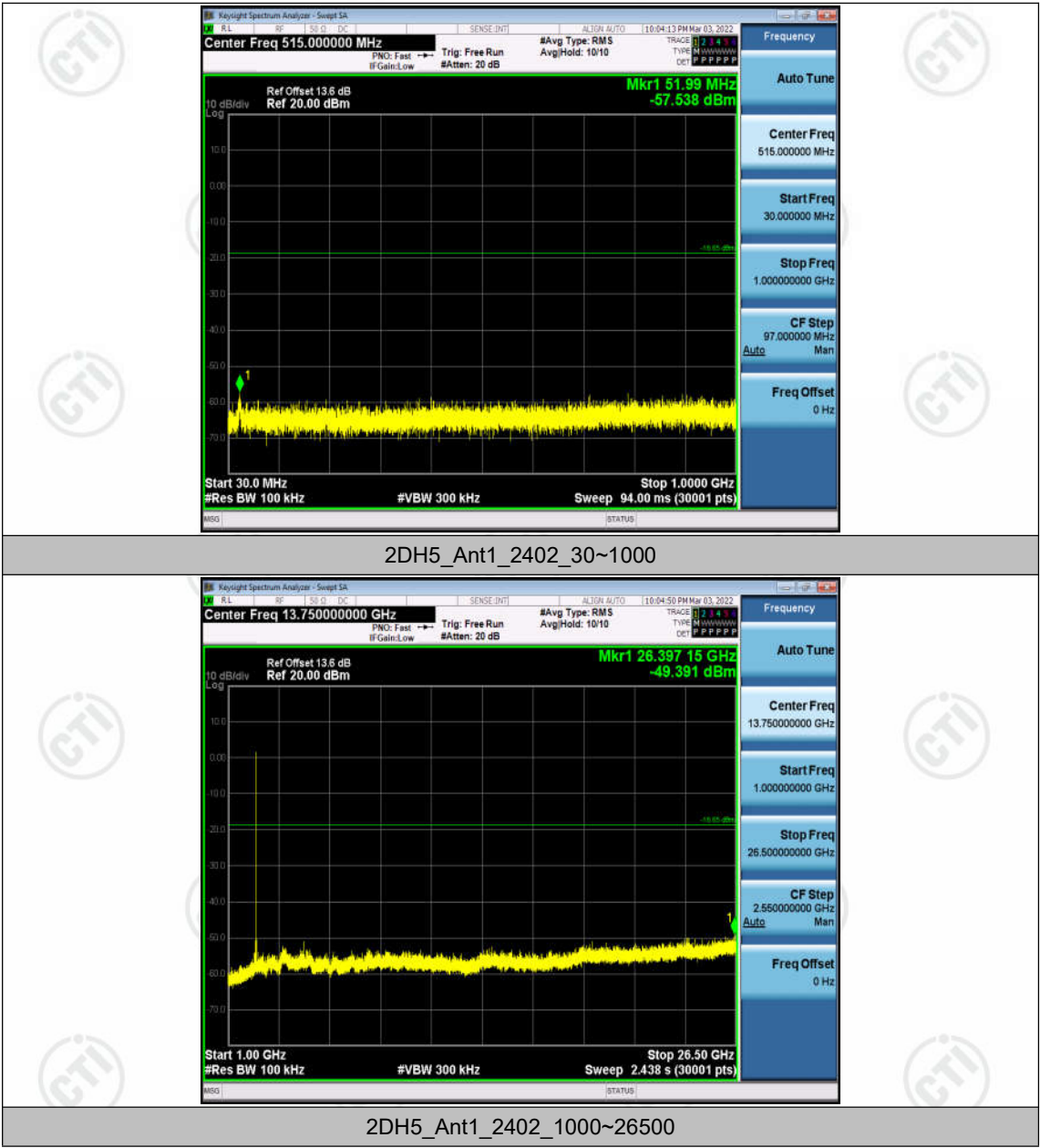


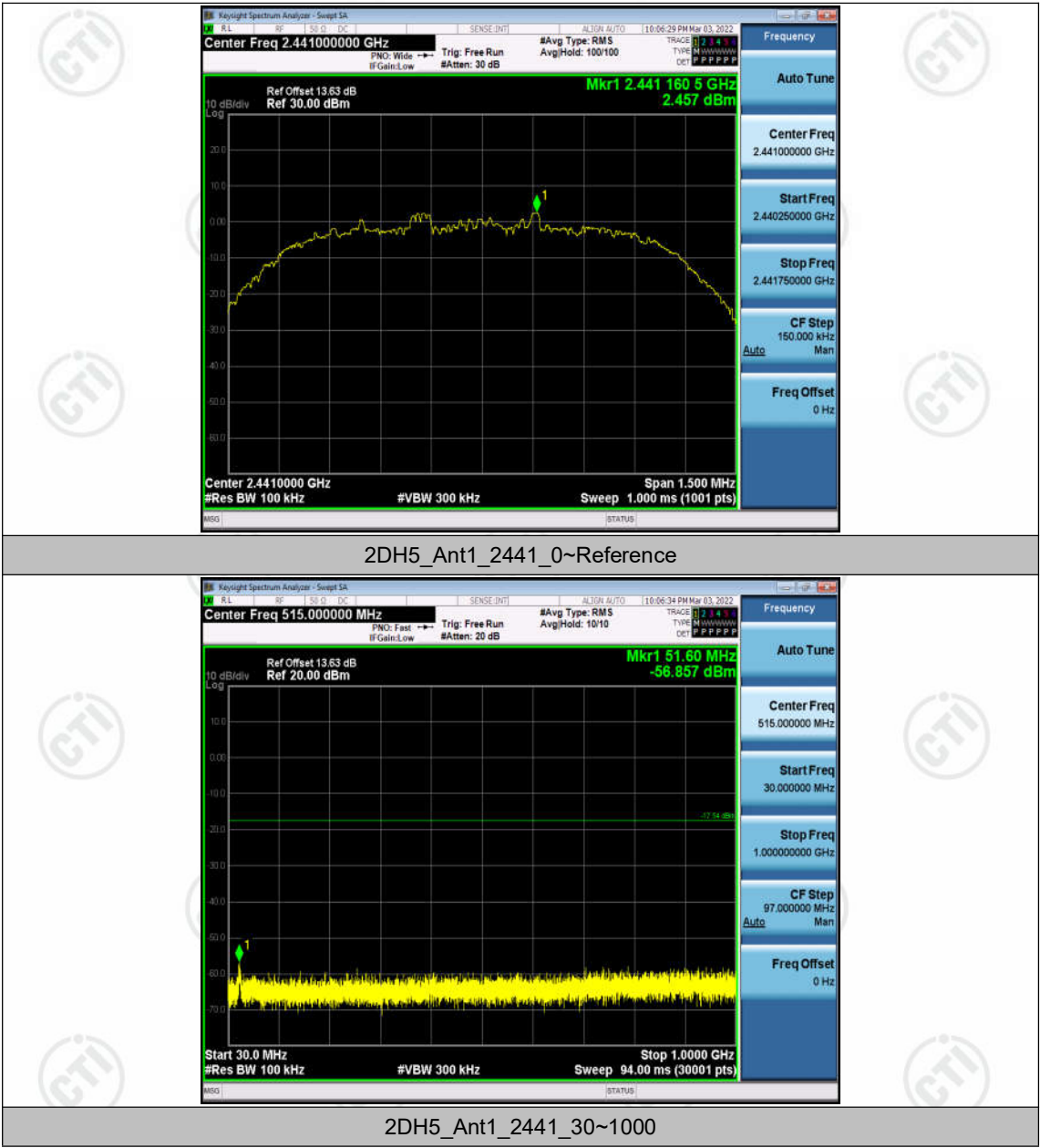


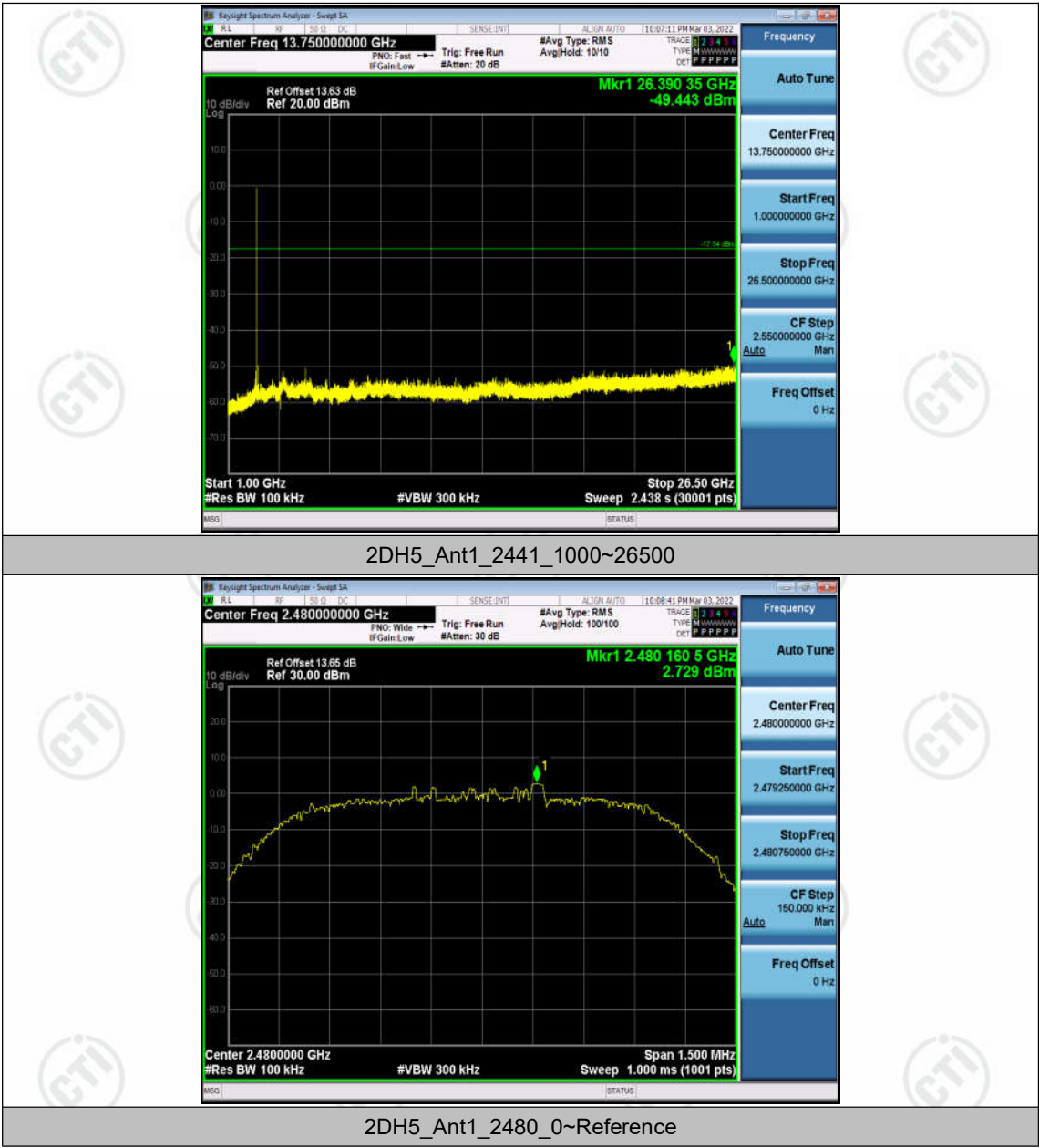


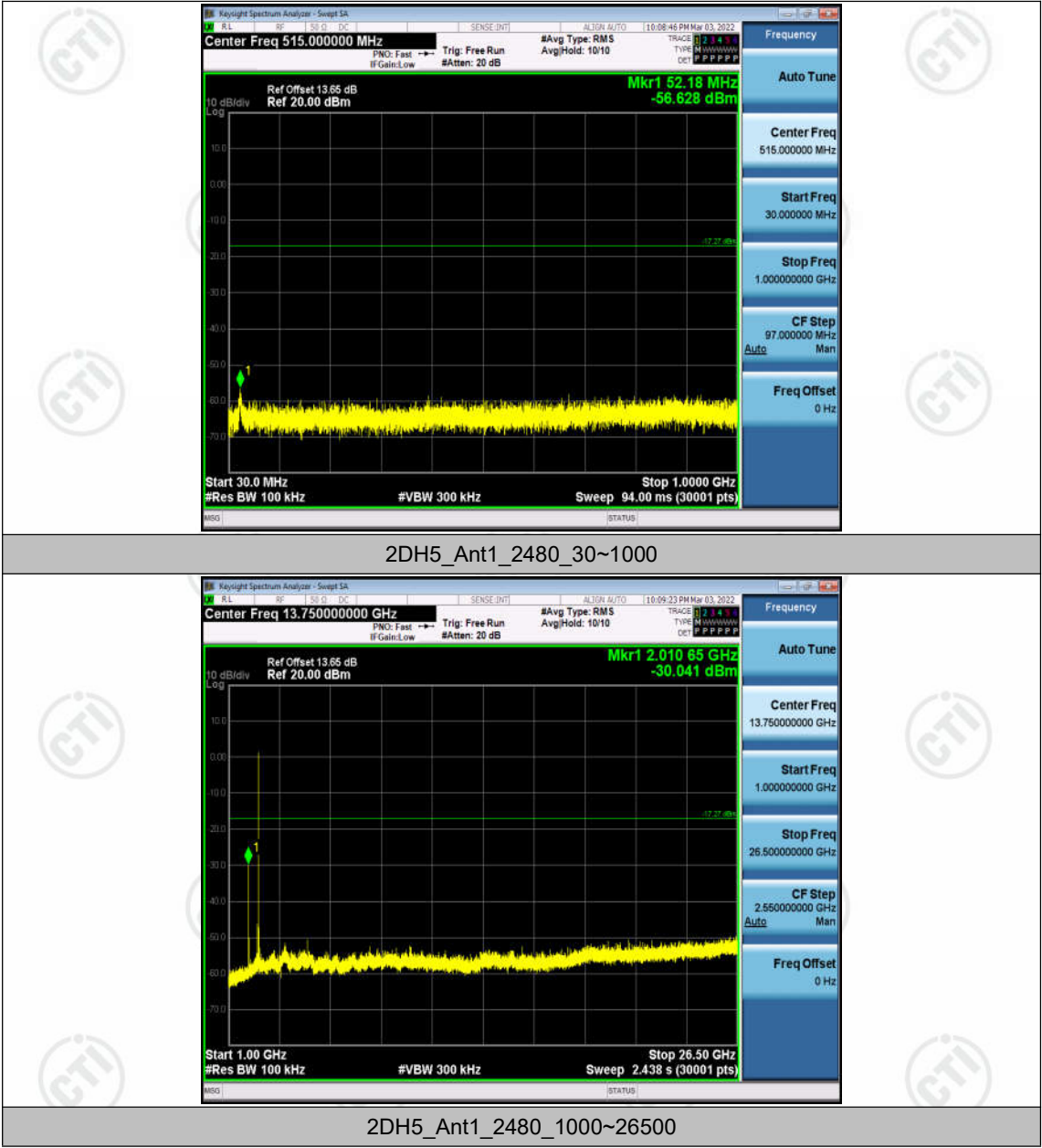


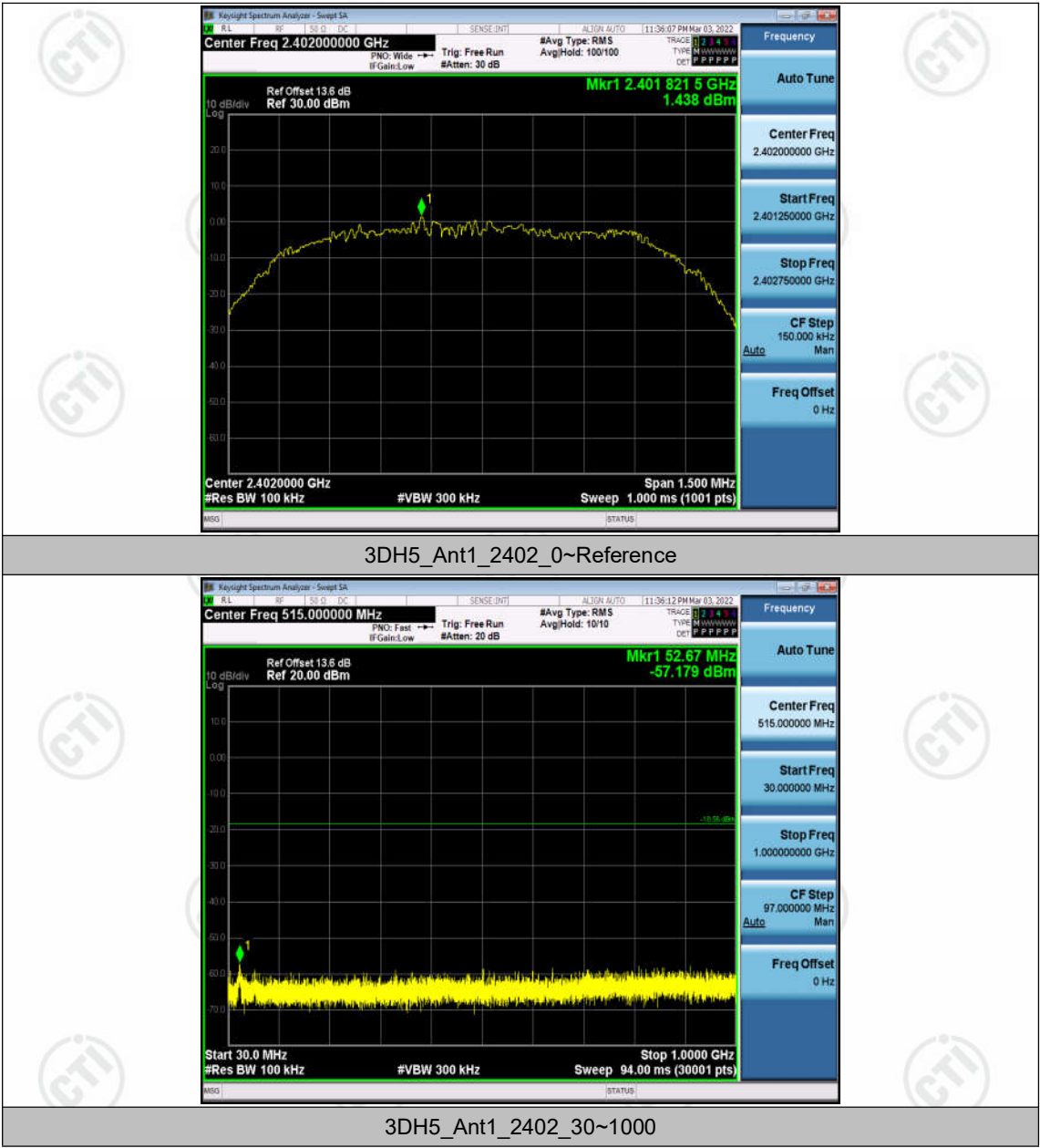


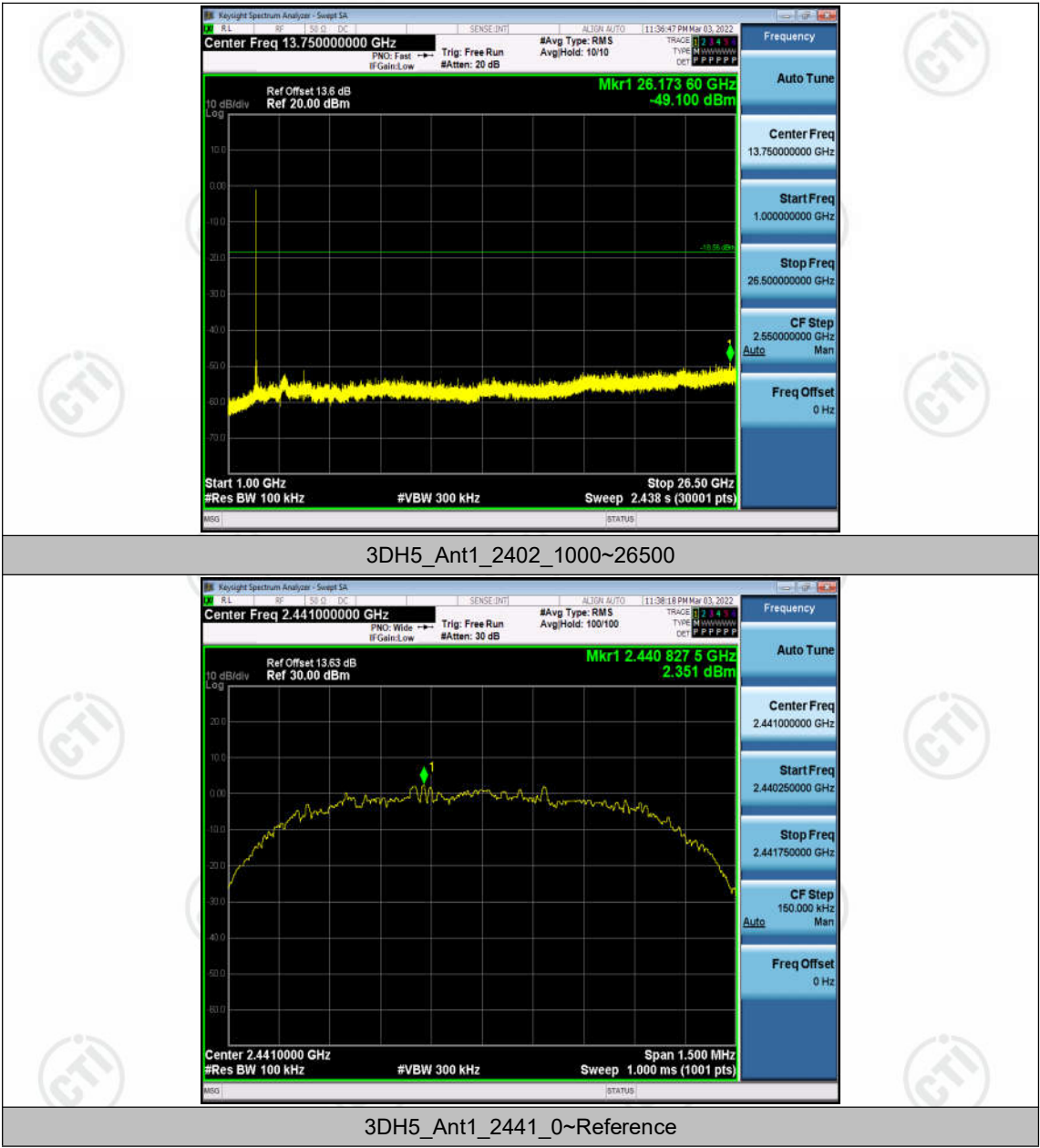


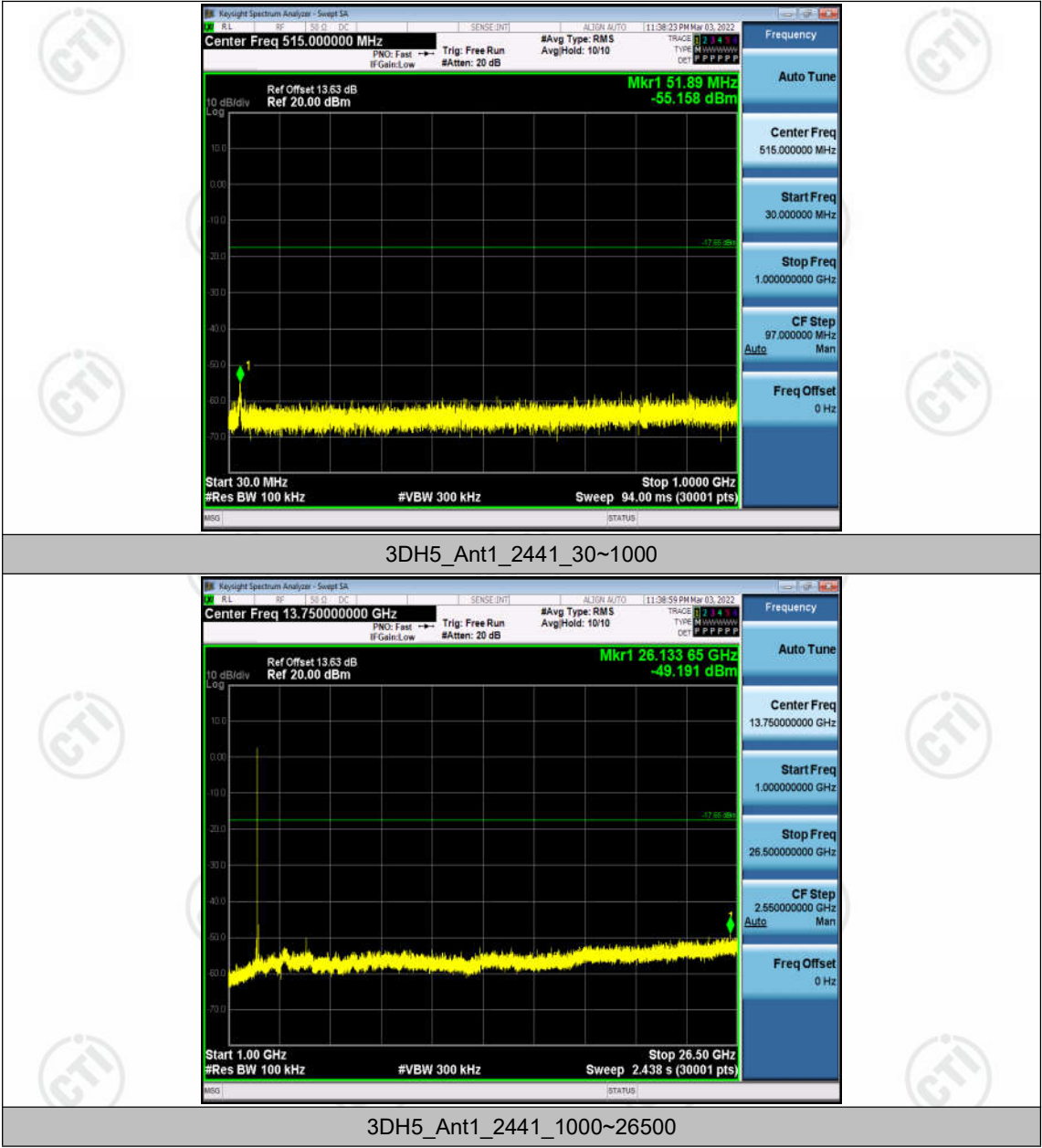


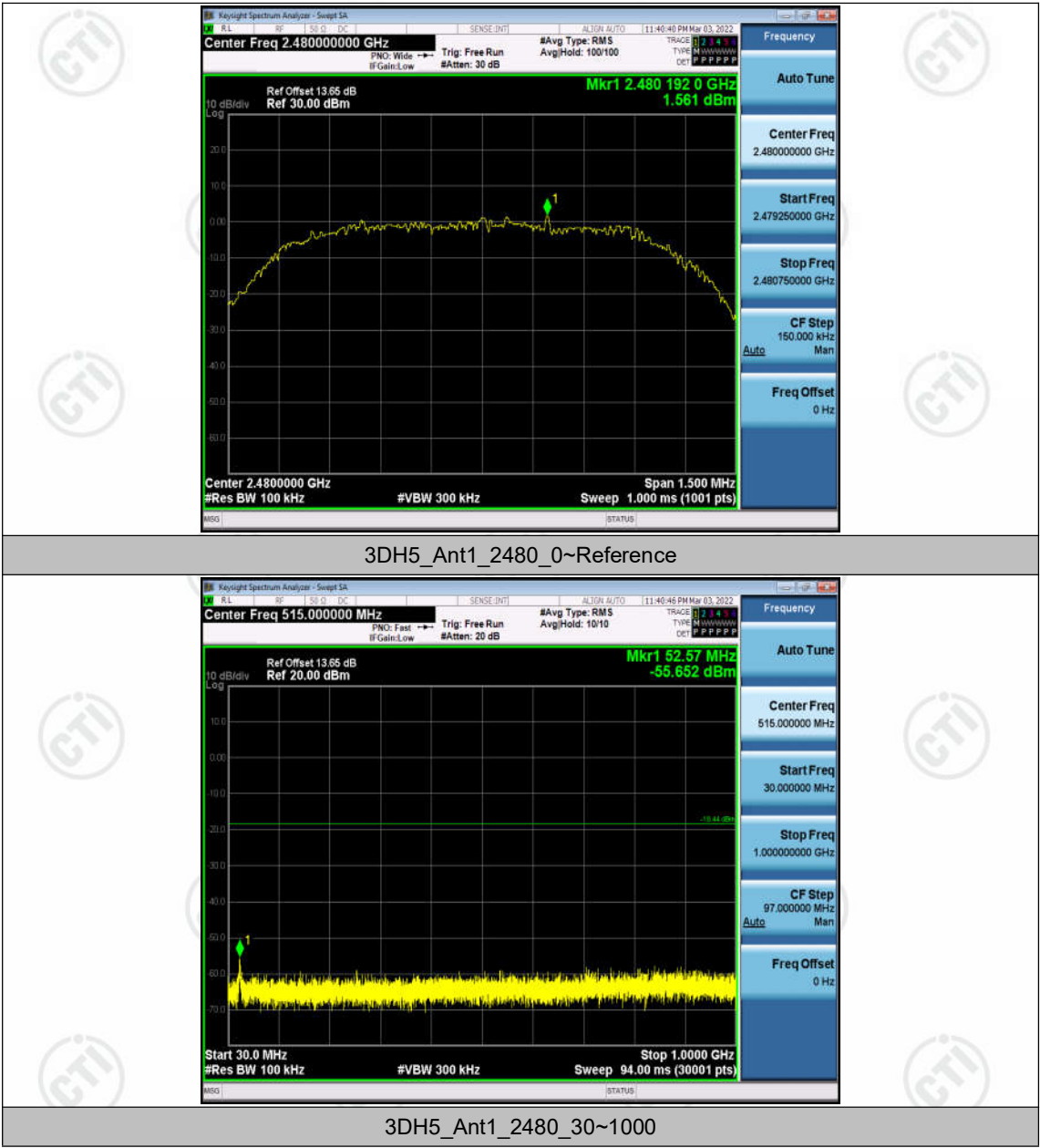


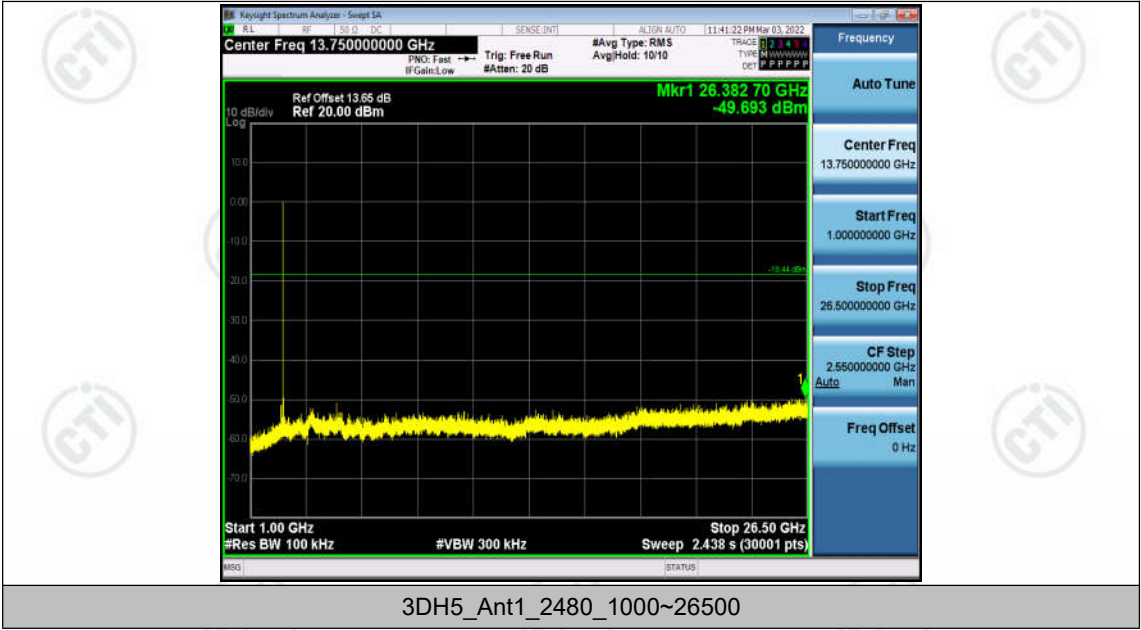










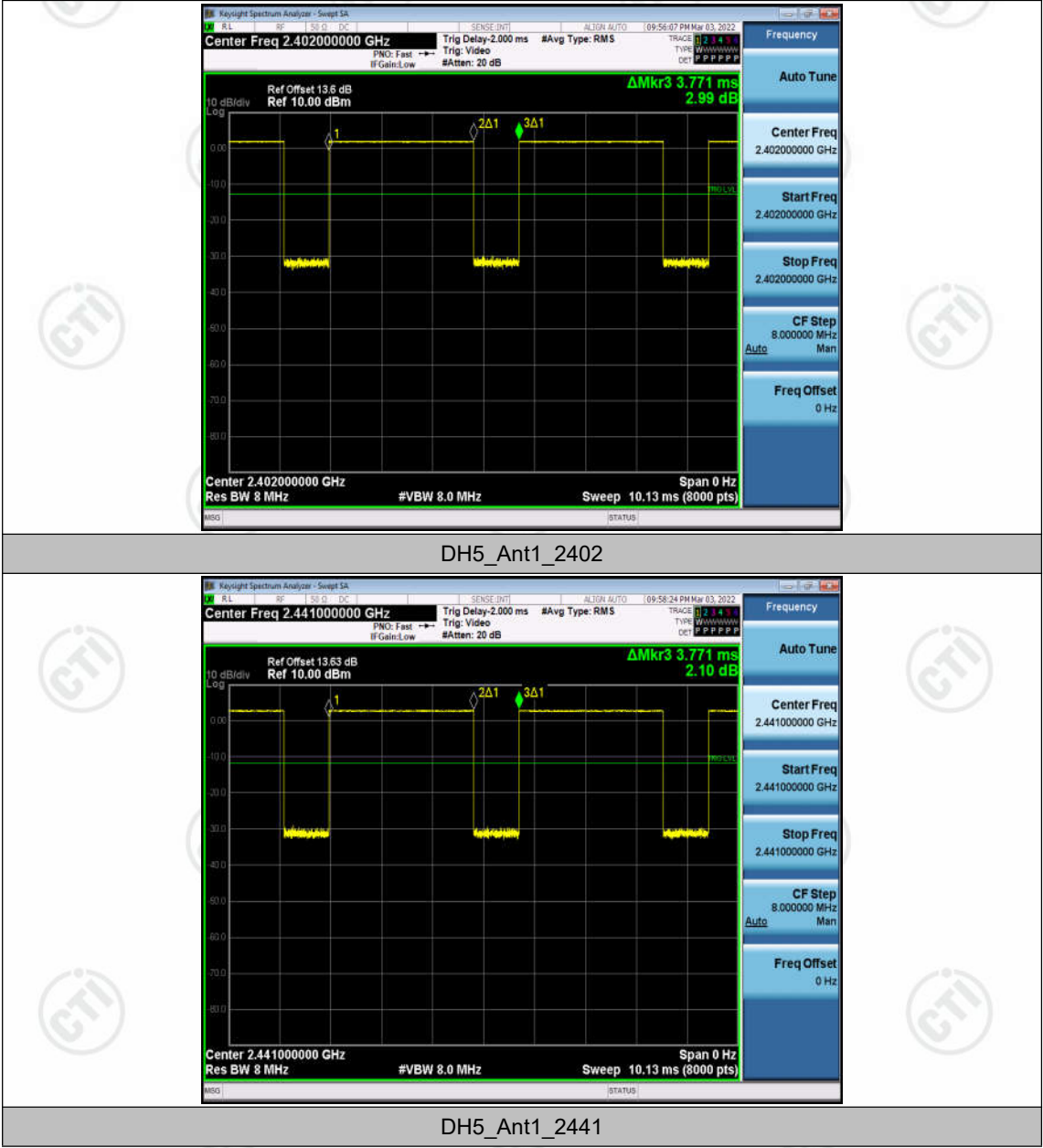


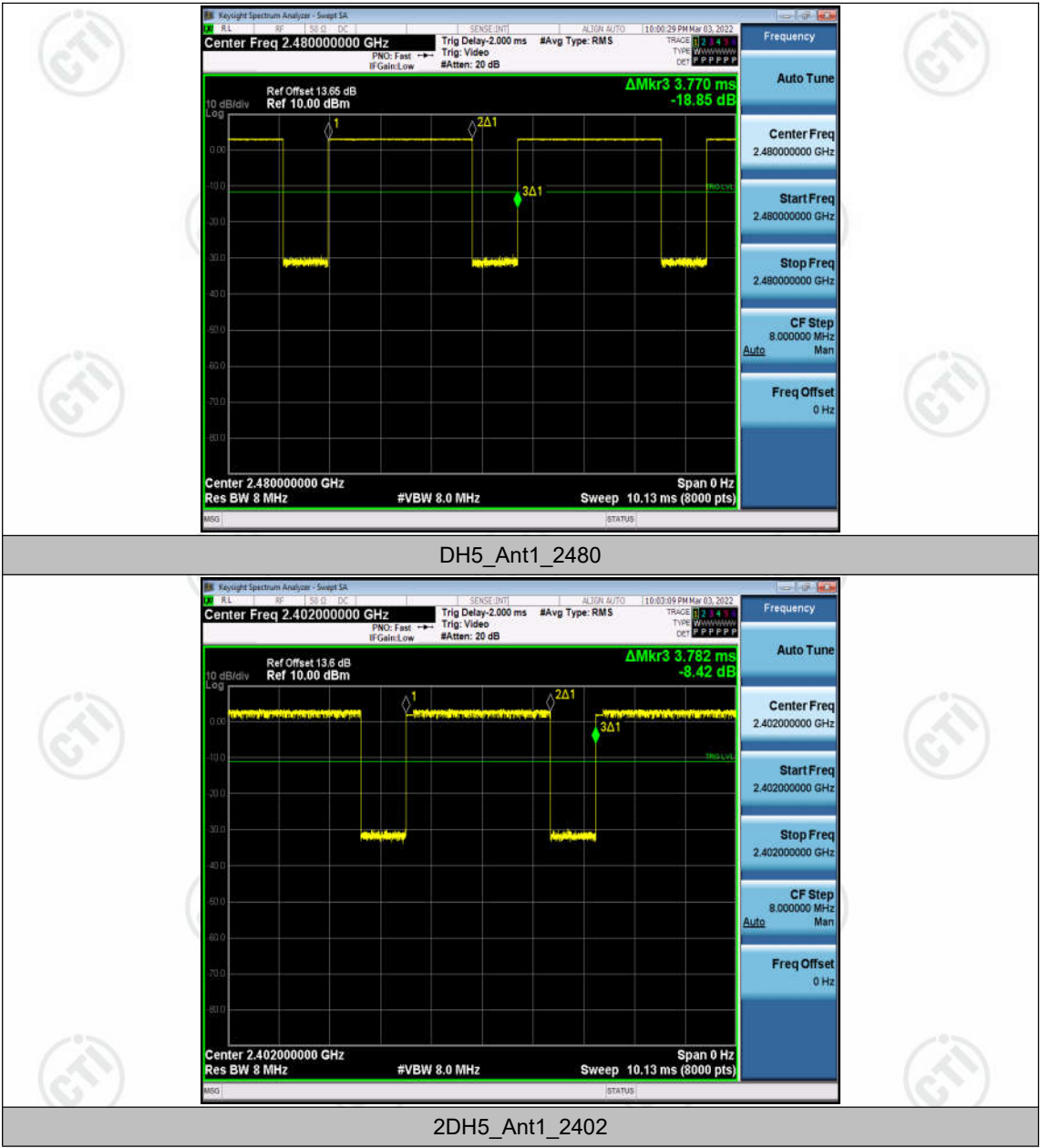
AppendixI: DutyCycle

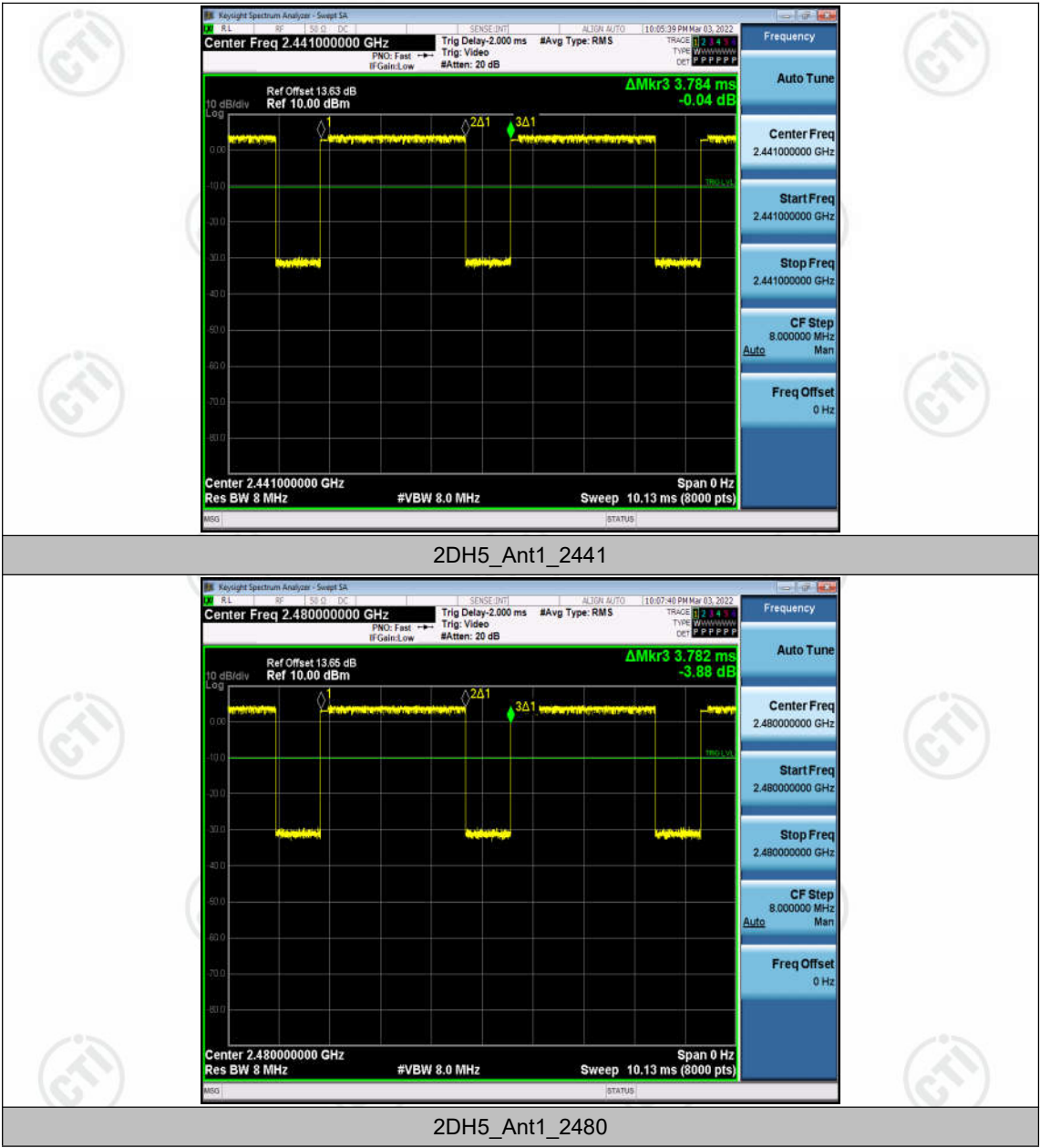
Test Result

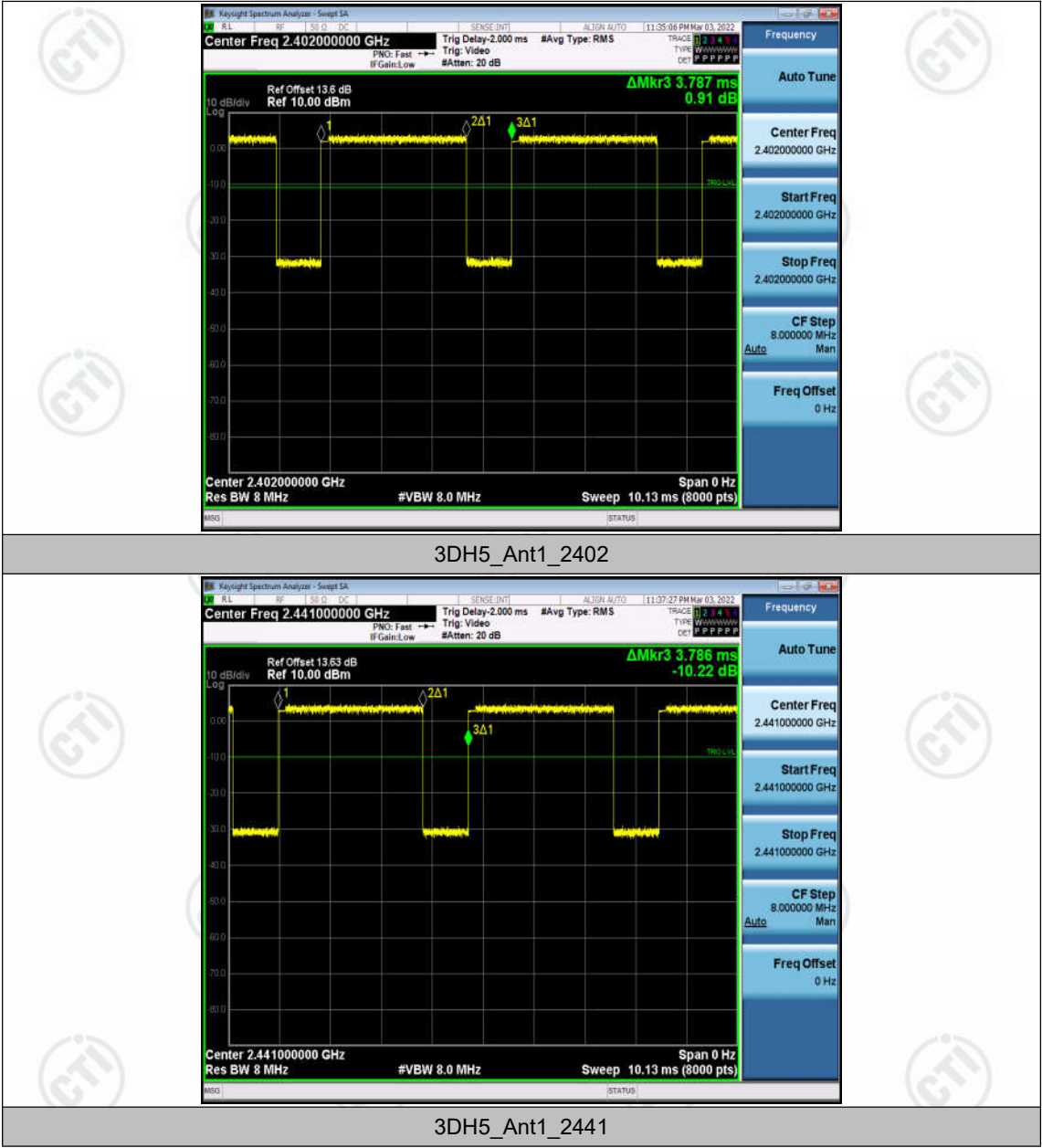
TestMode	Antenna	Channel	TransmissionDuration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.87	3.77	76.05	---	PASS
		2441	2.87	3.77	76.05	---	PASS
		2480	2.87	3.77	76.08	---	PASS
2DH5	Ant1	2402	2.88	3.78	76.16	---	PASS
		2441	2.88	3.78	76.13	---	PASS
		2480	2.88	3.78	76.16	---	PASS
3DH5	Ant1	2402	2.88	3.79	76.15	---	PASS
		2441	2.88	3.79	76.18	---	PASS
		2480	2.88	3.79	76.15	---	PASS

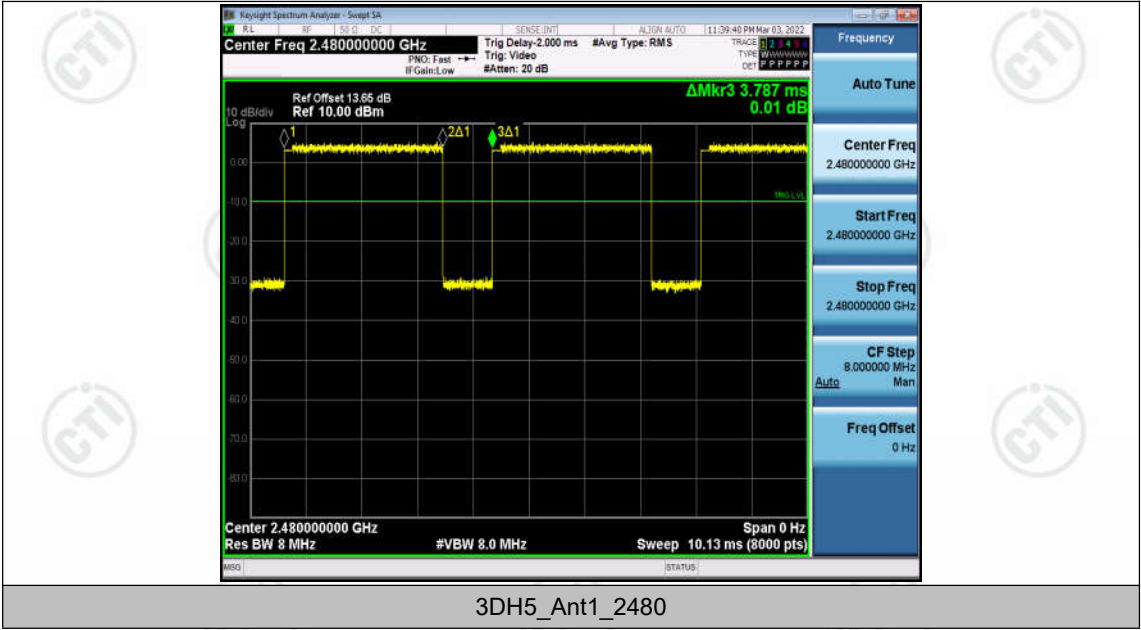
Test Graphs











*** End of Report ***