

Appendix: Bluetooth Classic

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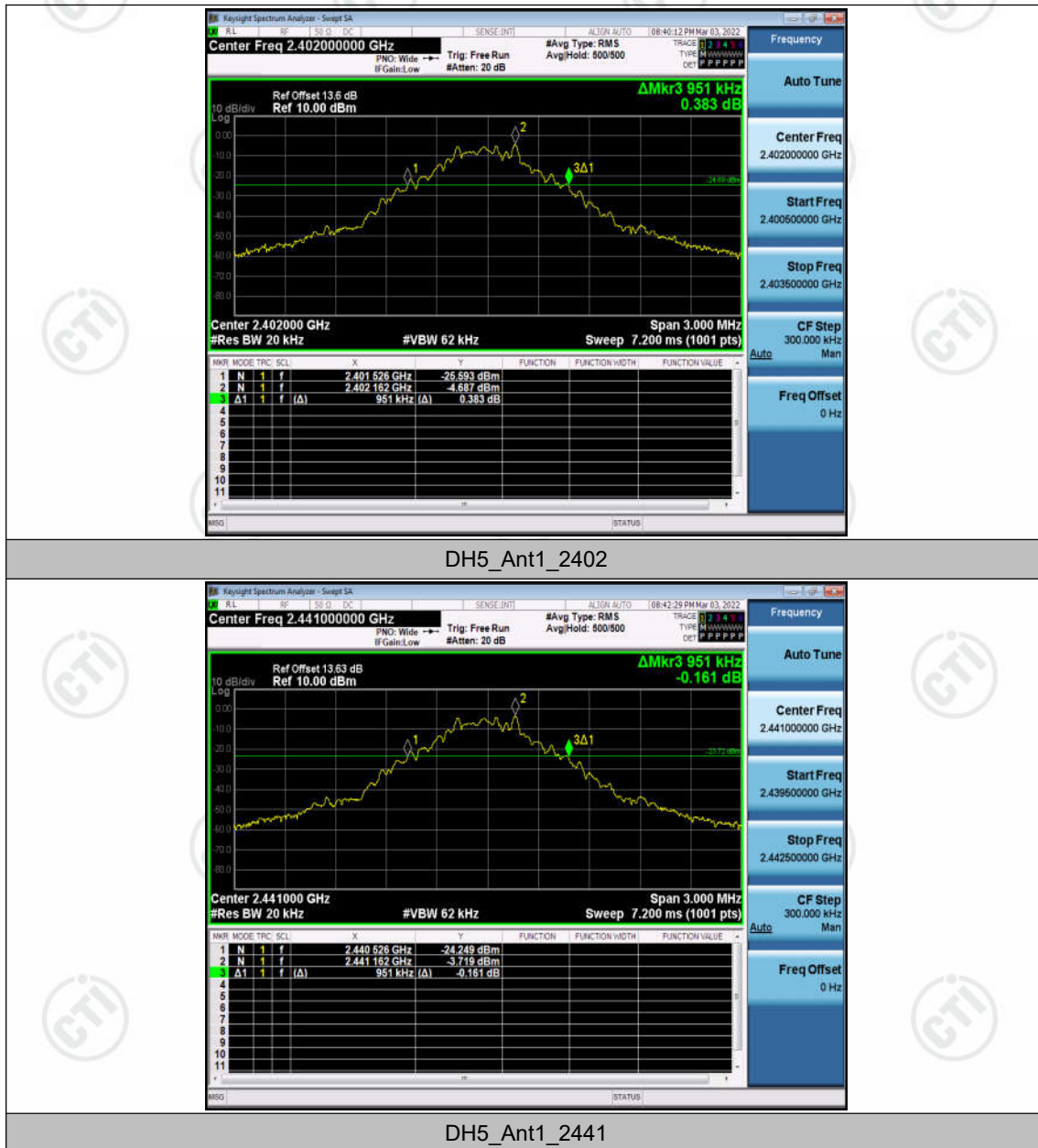
 Test Graphs.....63

AppendixA: 20dBEmission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.526	2402.477	---	PASS
		2441	0.951	2440.526	2441.477	---	PASS
		2480	0.951	2479.526	2480.477	---	PASS
2DH5	Ant1	2402	1.317	2401.331	2402.648	---	PASS
		2441	1.317	2440.331	2441.648	---	PASS
		2480	1.314	2479.331	2480.645	---	PASS
3DH5	Ant1	2402	1.278	2401.343	2402.621	---	PASS
		2441	1.281	2440.340	2441.621	---	PASS
		2480	1.281	2479.340	2480.621	---	PASS

Test Graphs







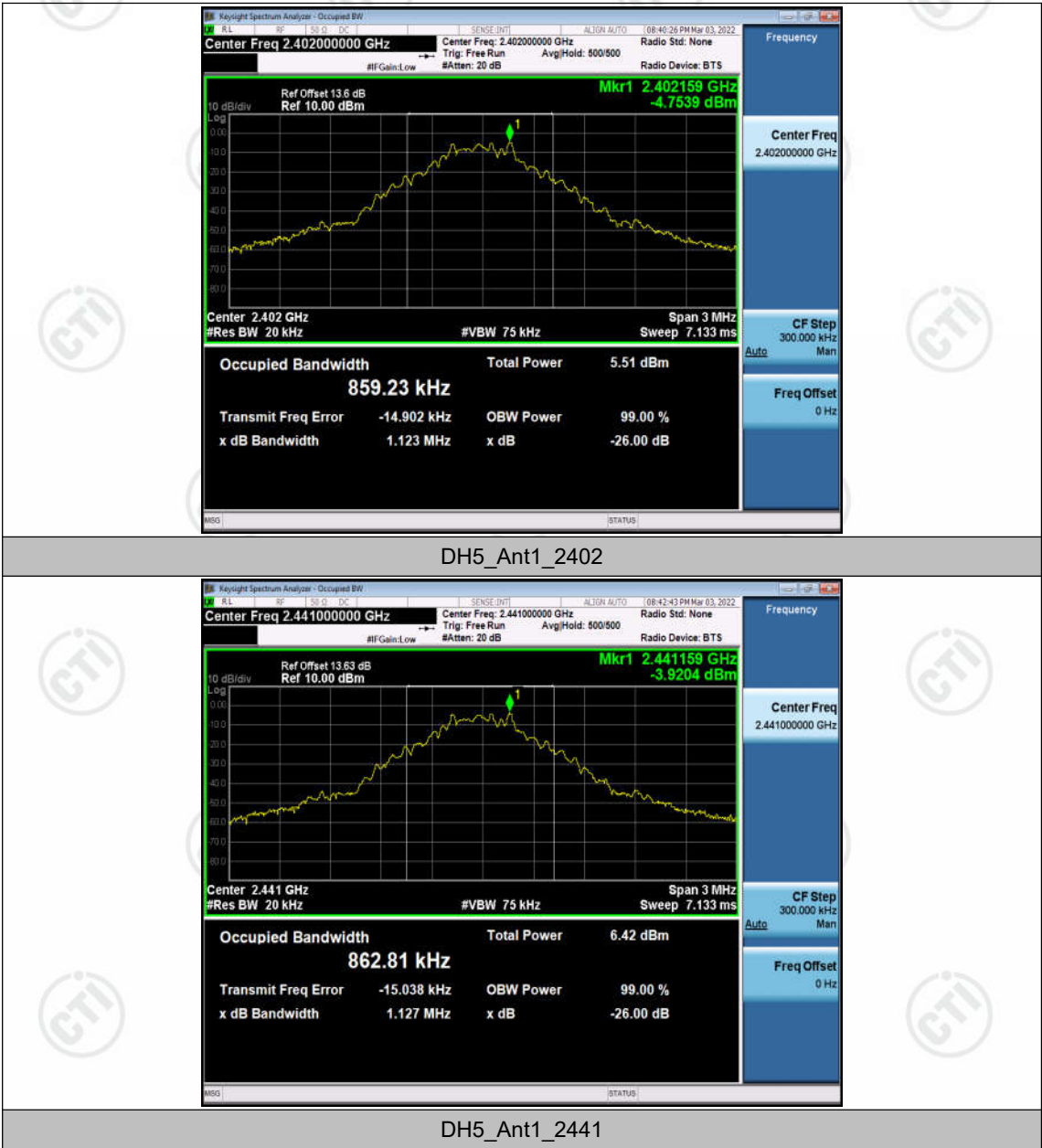


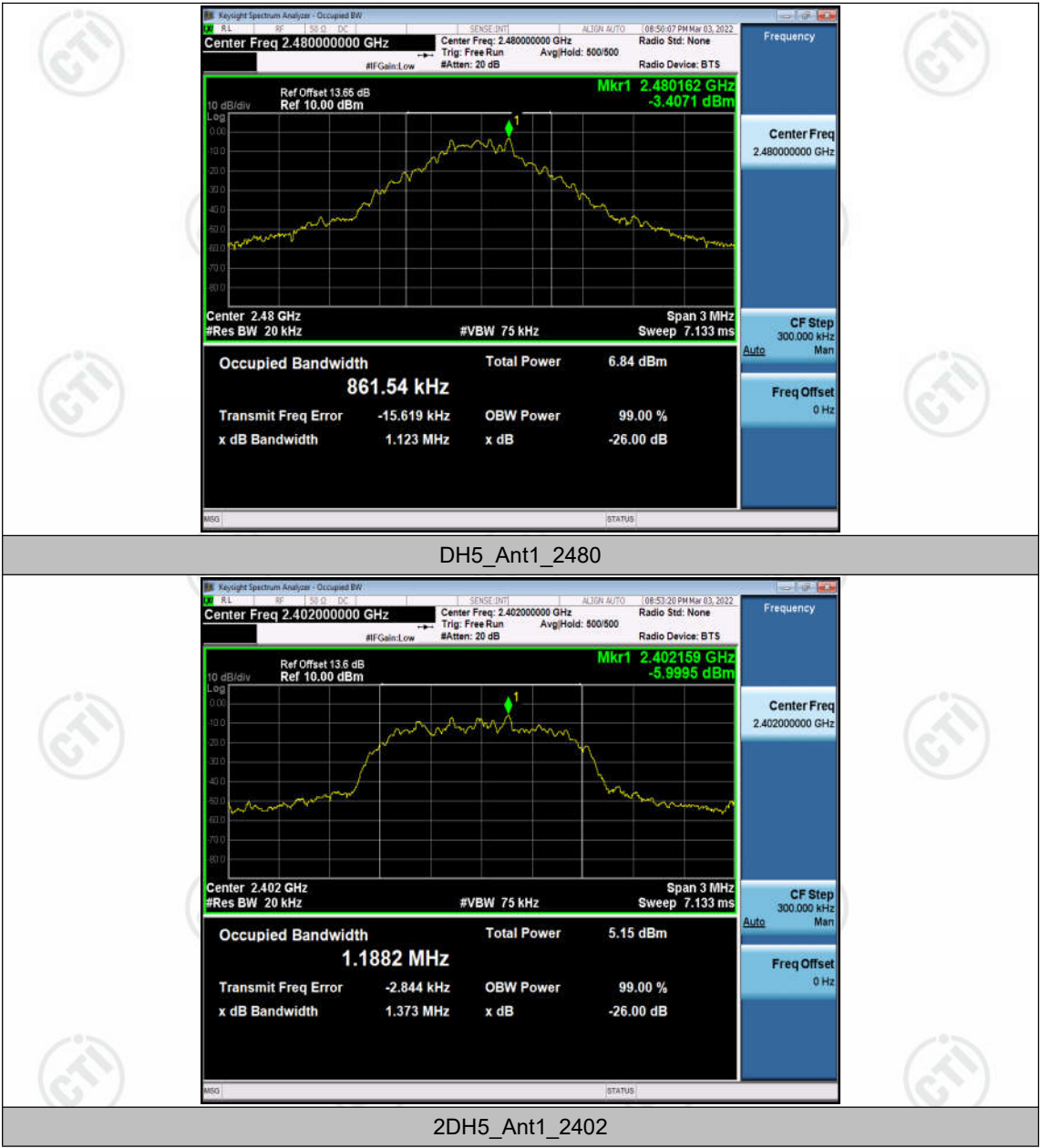
AppendixB: Occupied Channel Bandwidth

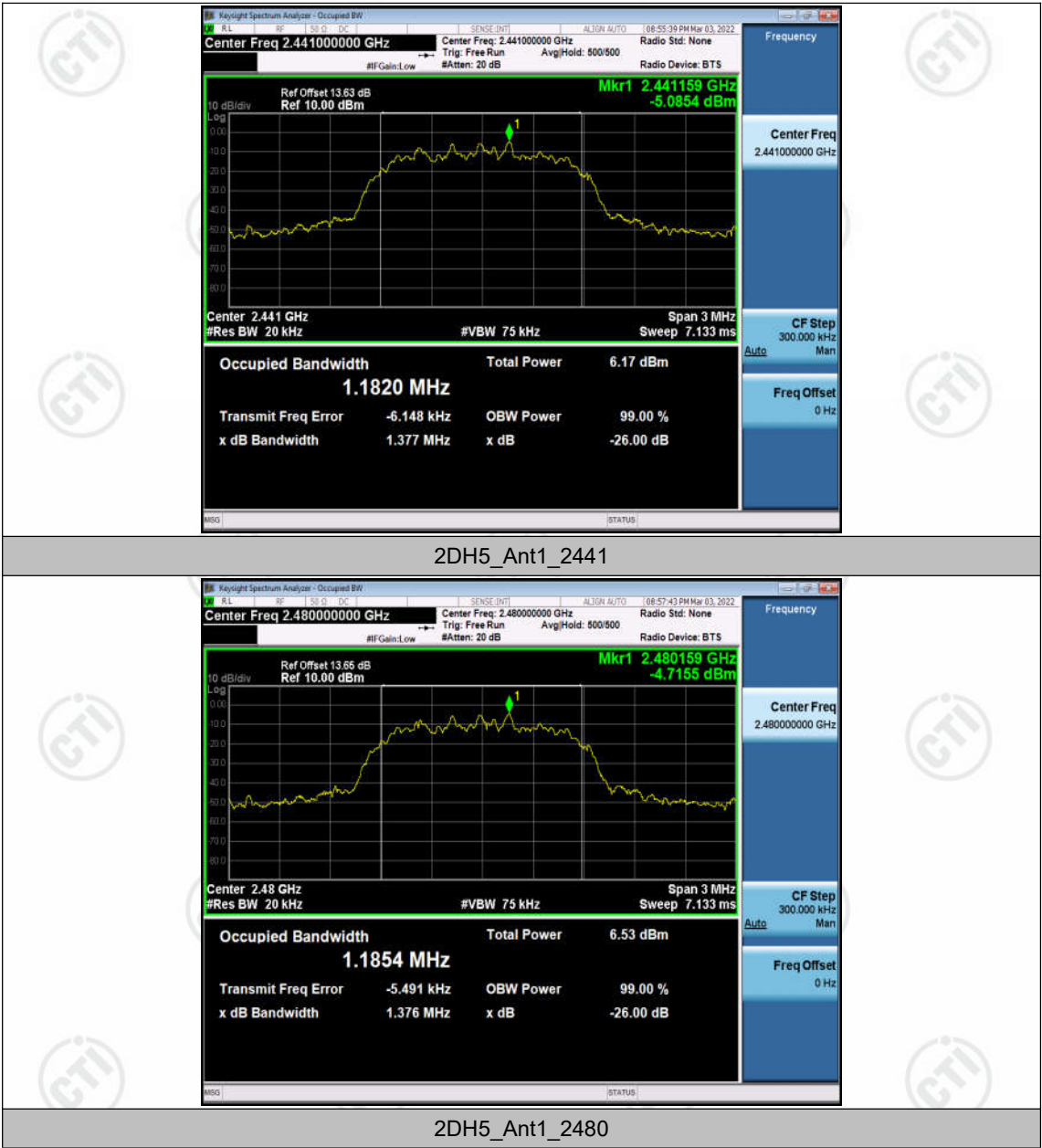
Test Result

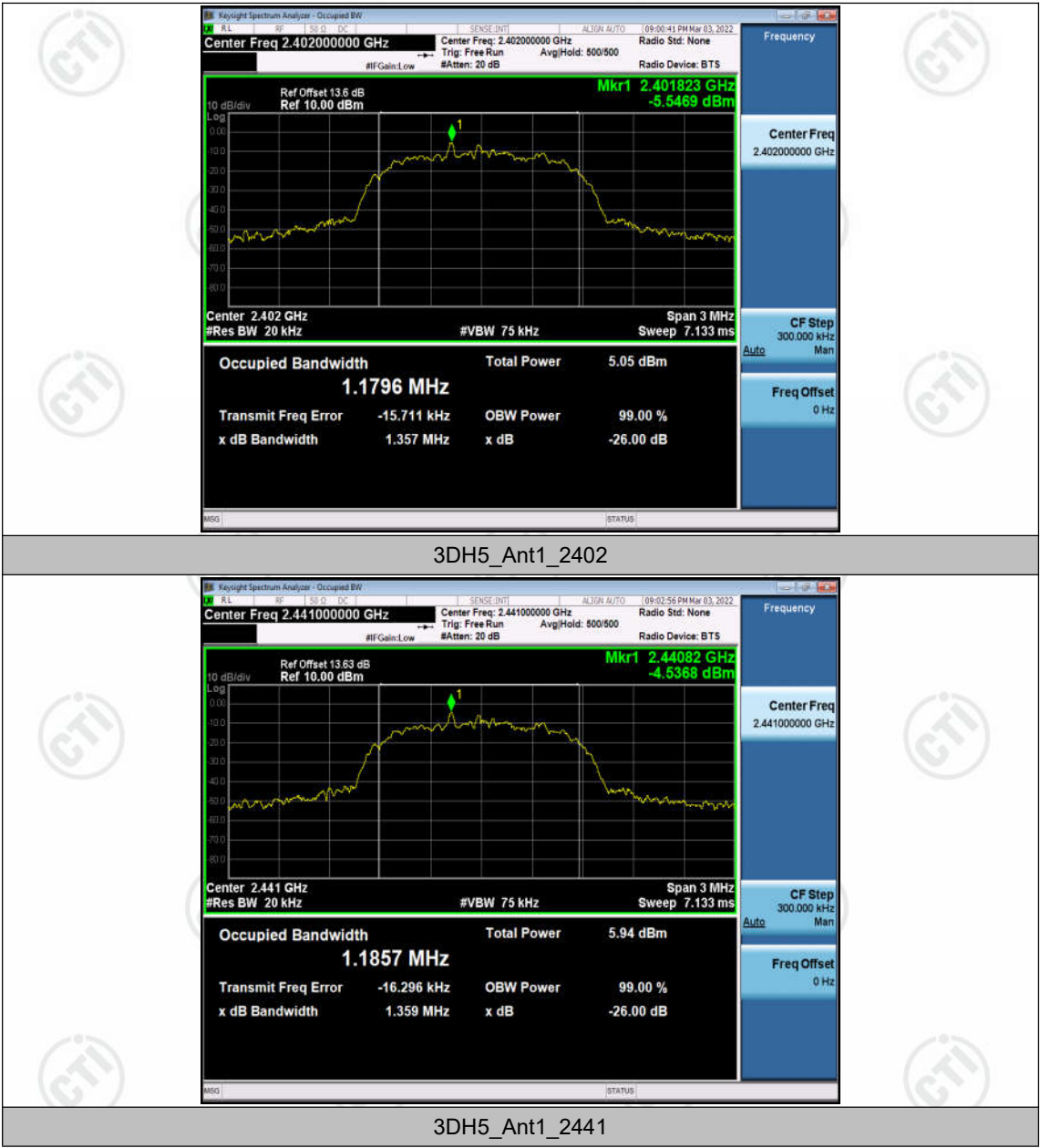
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85923	2401.555	2402.415	---	PASS
		2441	0.86281	2440.554	2441.416	---	PASS
		2480	0.86154	2479.554	2480.415	---	PASS
2DH5	Ant1	2402	1.1882	2401.403	2402.591	---	PASS
		2441	1.1820	2440.403	2441.585	---	PASS
		2480	1.1854	2479.402	2480.587	---	PASS
3DH5	Ant1	2402	1.1796	2401.394	2402.574	---	PASS
		2441	1.1857	2440.391	2441.577	---	PASS
		2480	1.1876	2479.390	2480.577	---	PASS

Test Graphs









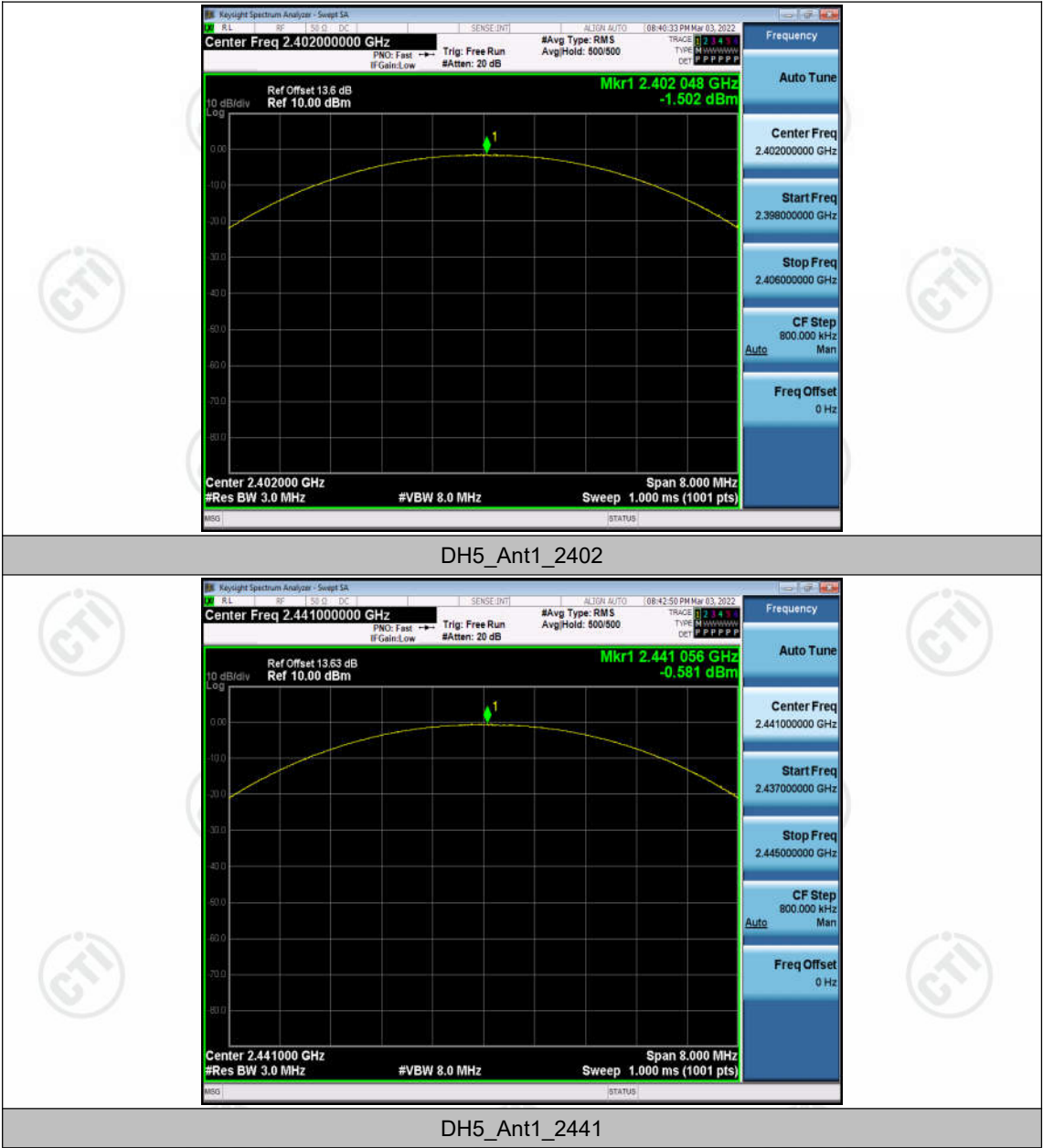


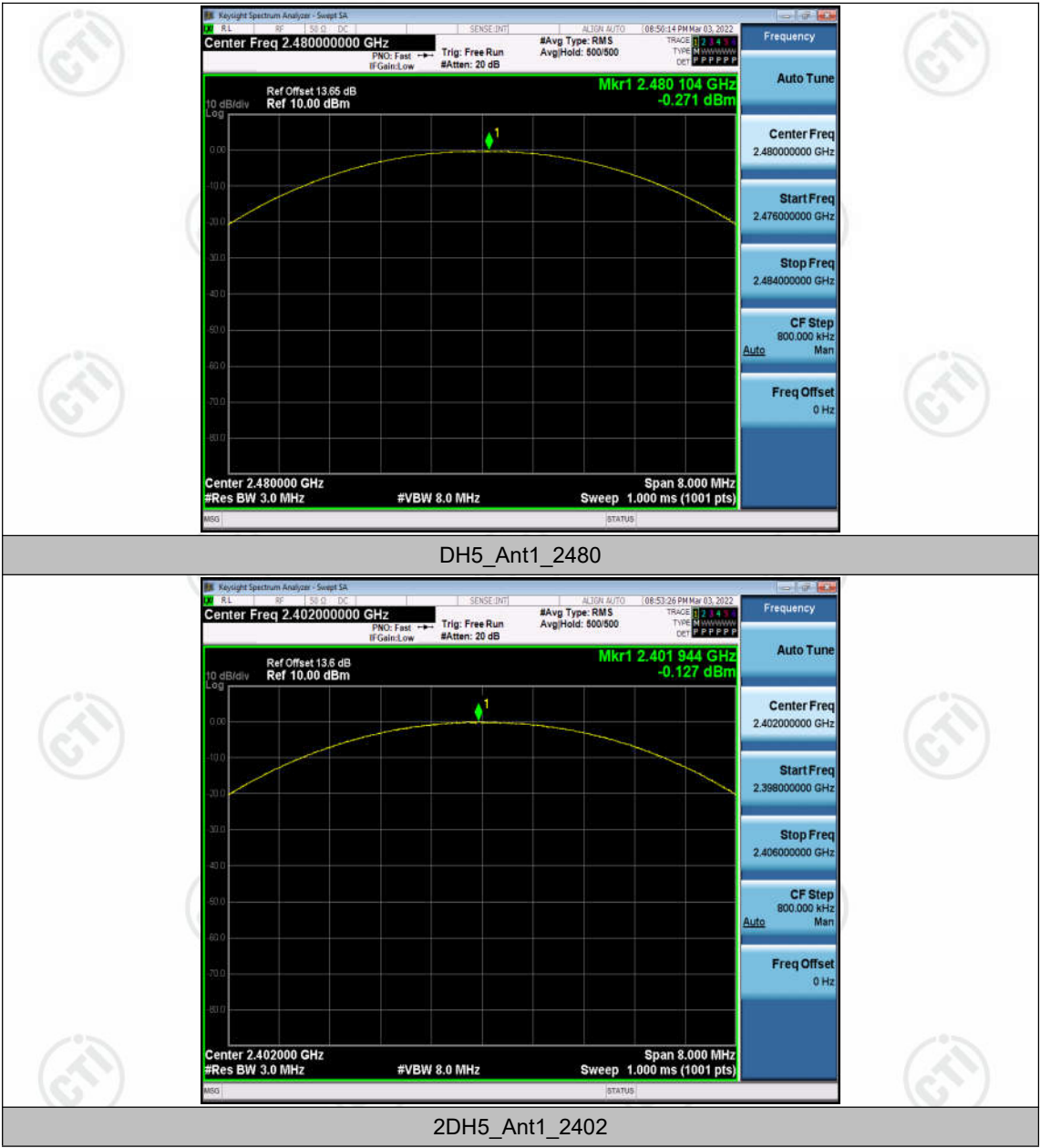
AppendixC: Maximum conducted output power

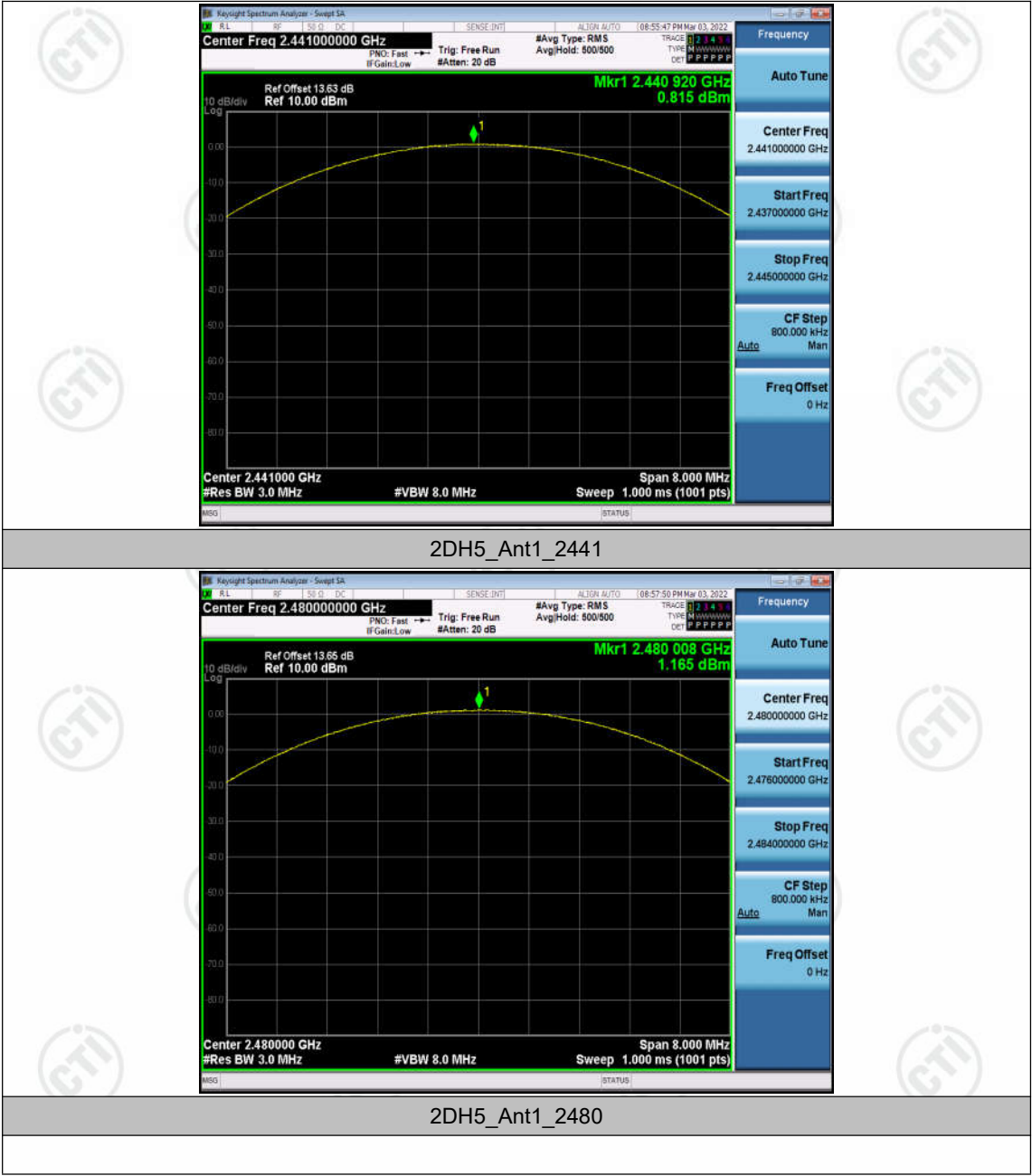
Test Result

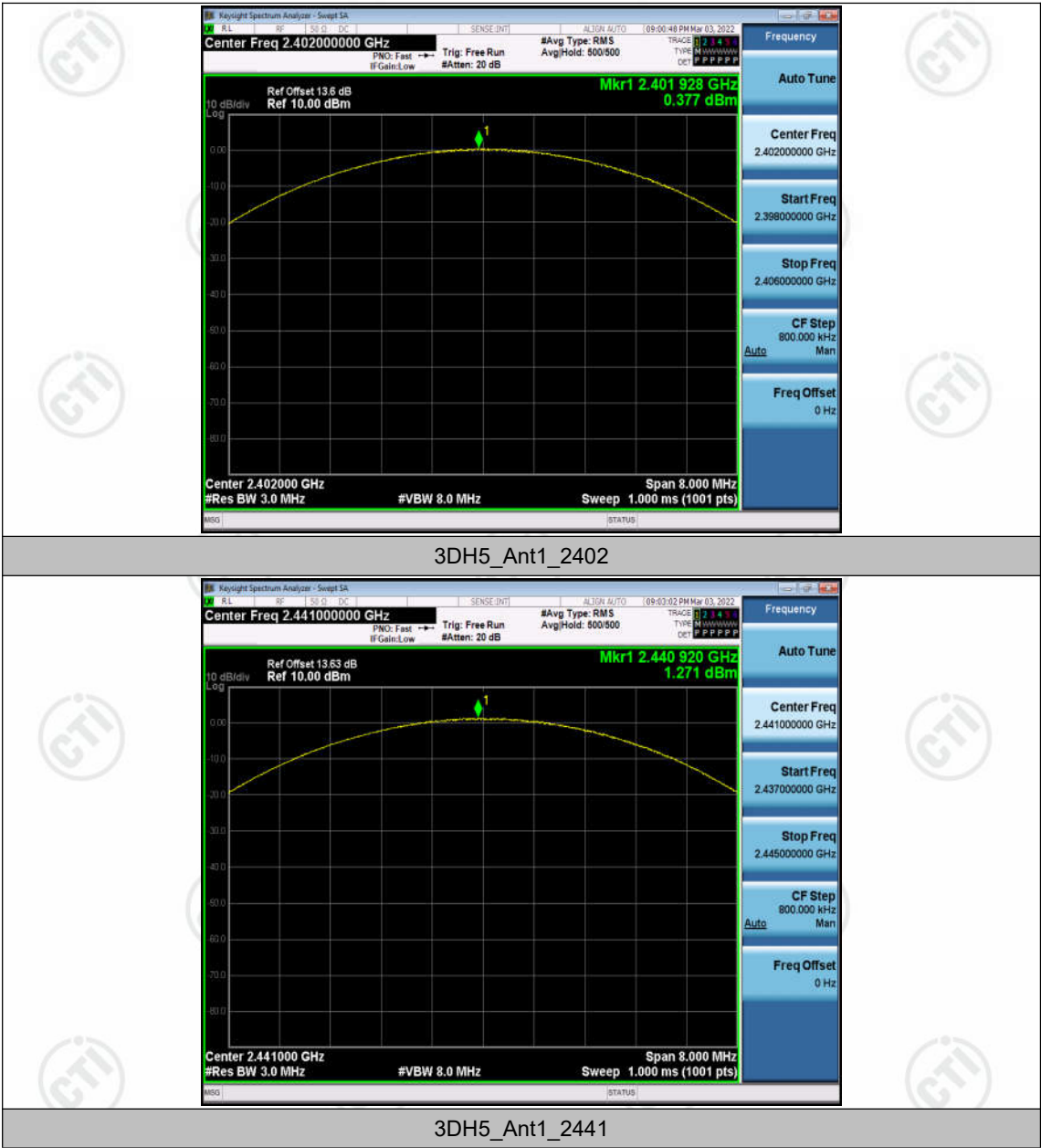
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-1.5	<=20.97	PASS
		2441	-0.58	<=20.97	PASS
		2480	-0.27	<=20.97	PASS
2DH5	Ant1	2402	-0.13	<=20.97	PASS
		2441	0.82	<=20.97	PASS
		2480	1.17	<=20.97	PASS
3DH5	Ant1	2402	0.38	<=20.97	PASS
		2441	1.27	<=20.97	PASS
		2480	1.68	<=20.97	PASS

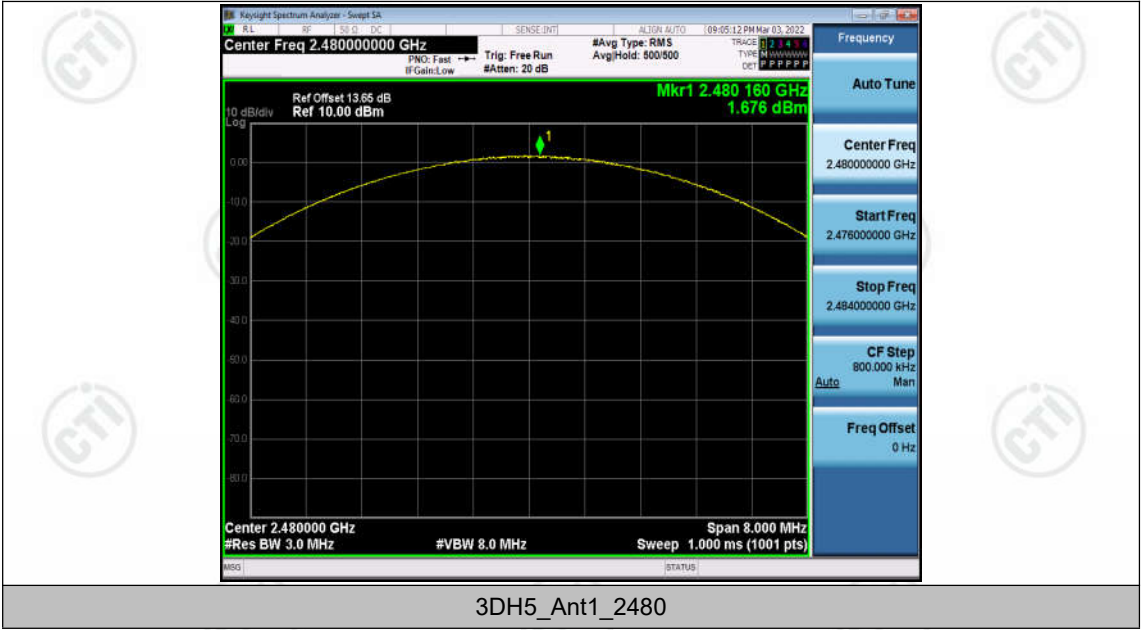
Test Graphs









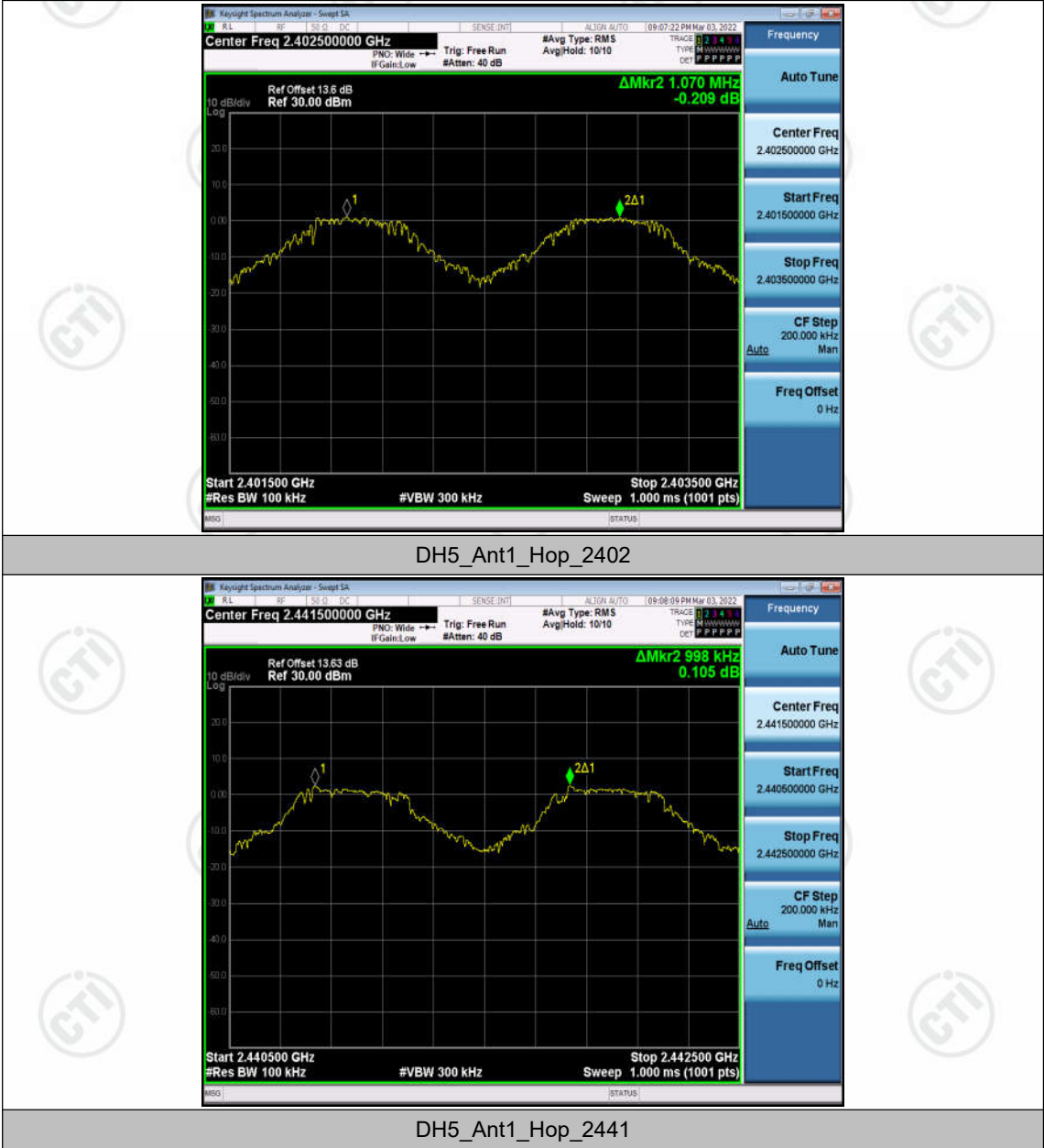


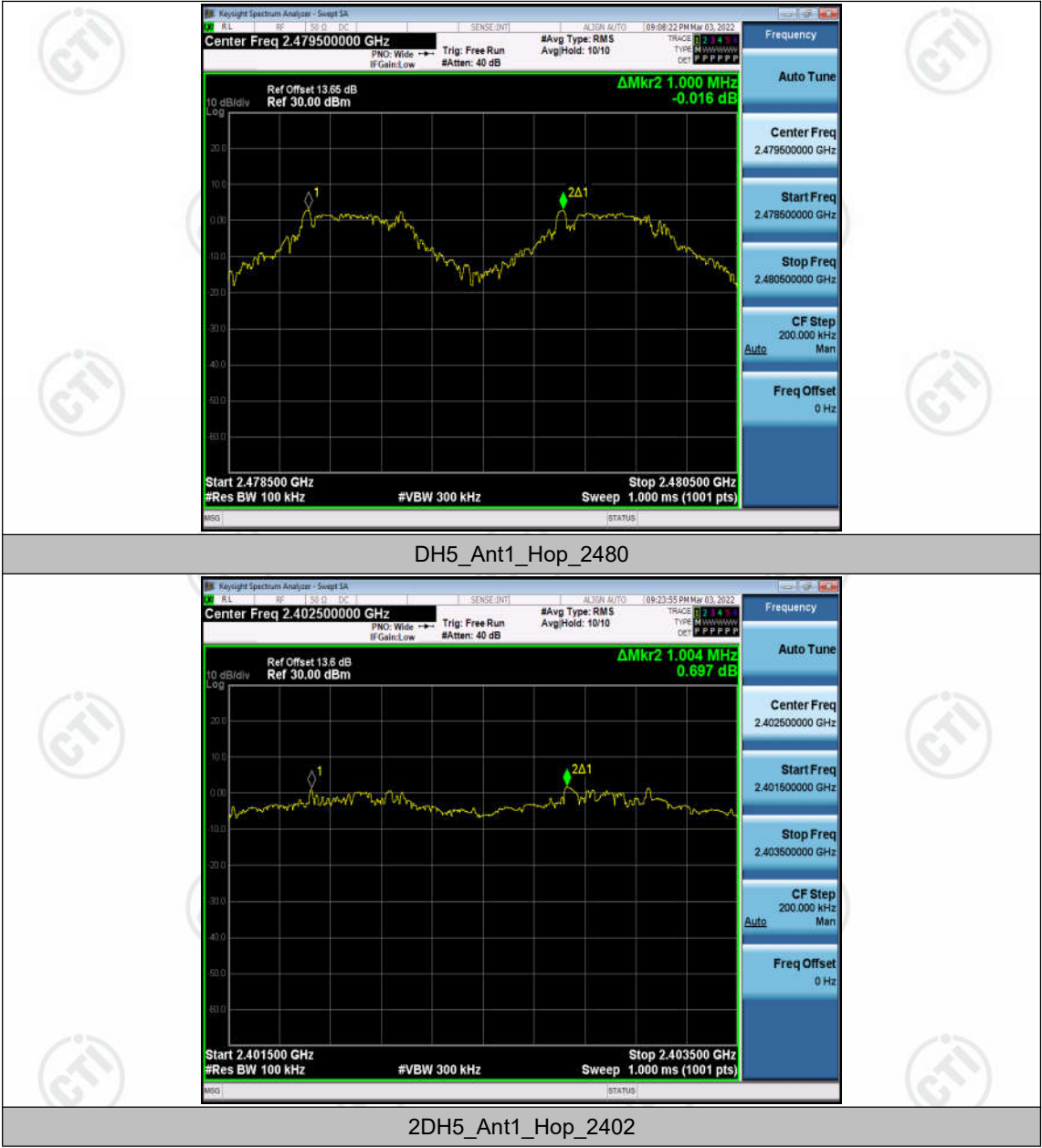
AppendixD: Carrier frequency separation

Test Result

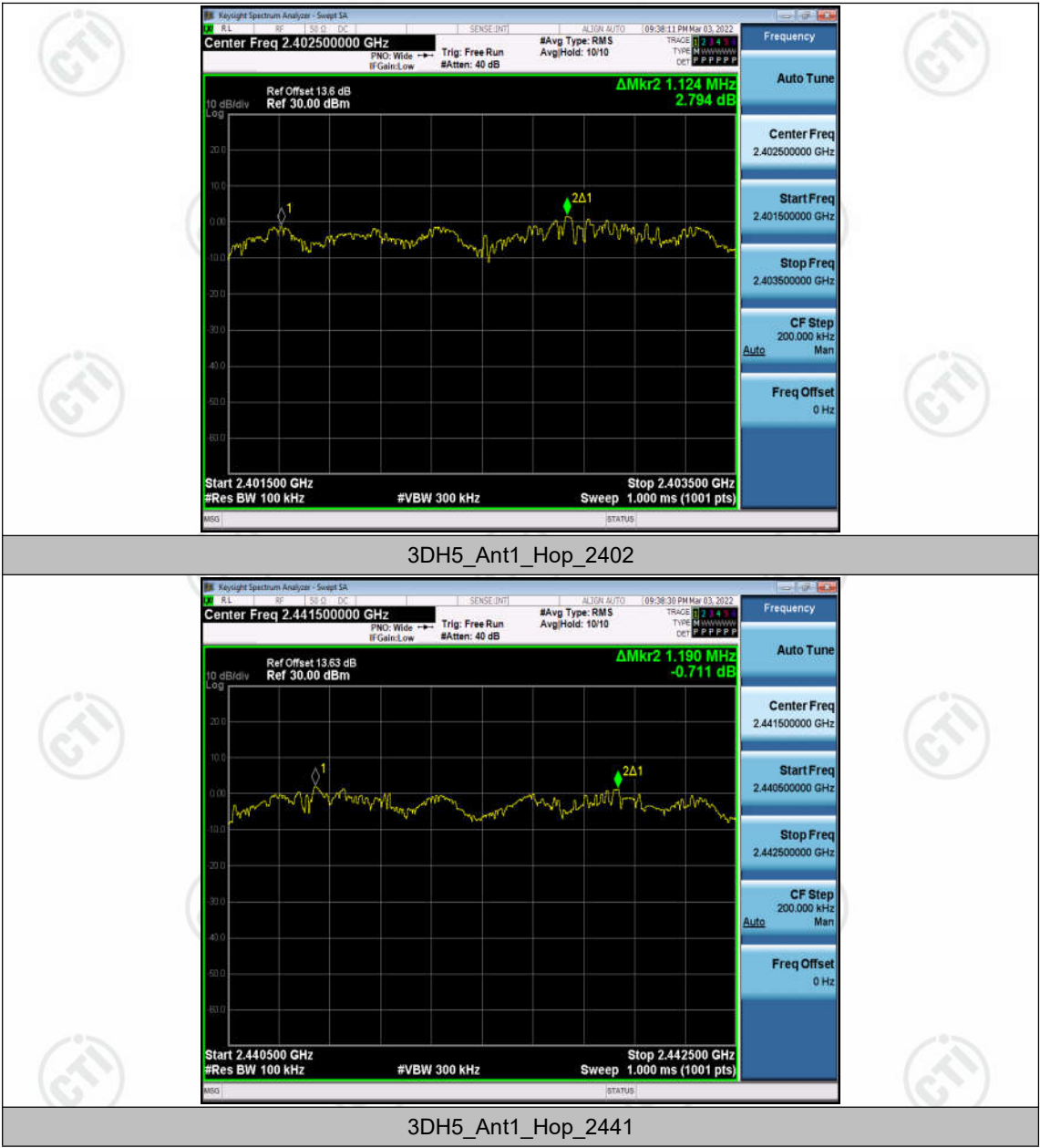
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop_2402	1.07	≥ 0.951	PASS
		Hop_2441	0.998	≥ 0.951	PASS
		Hop_2480	1	≥ 0.951	PASS
2DH5	Ant1	Hop_2402	1.004	≥ 0.878	PASS
		Hop_2441	1.006	≥ 0.878	PASS
		Hop_2480	1.016	≥ 0.878	PASS
3DH5	Ant1	Hop_2402	1.124	≥ 0.854	PASS
		Hop_2441	1.19	≥ 0.854	PASS
		Hop_2480	1.014	≥ 0.854	PASS

Test Graphs











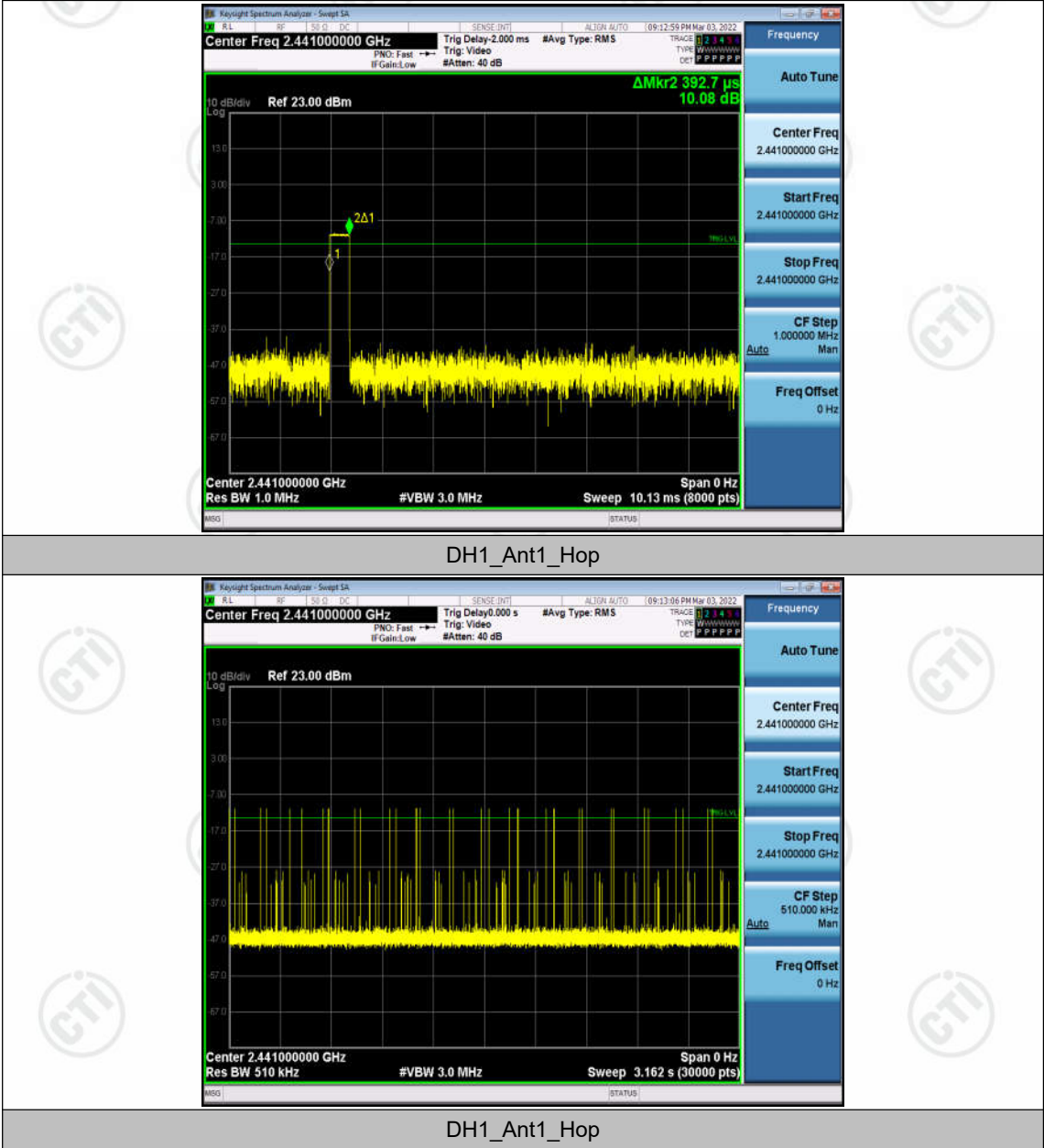
3DH5_Ant1_Hop_2480

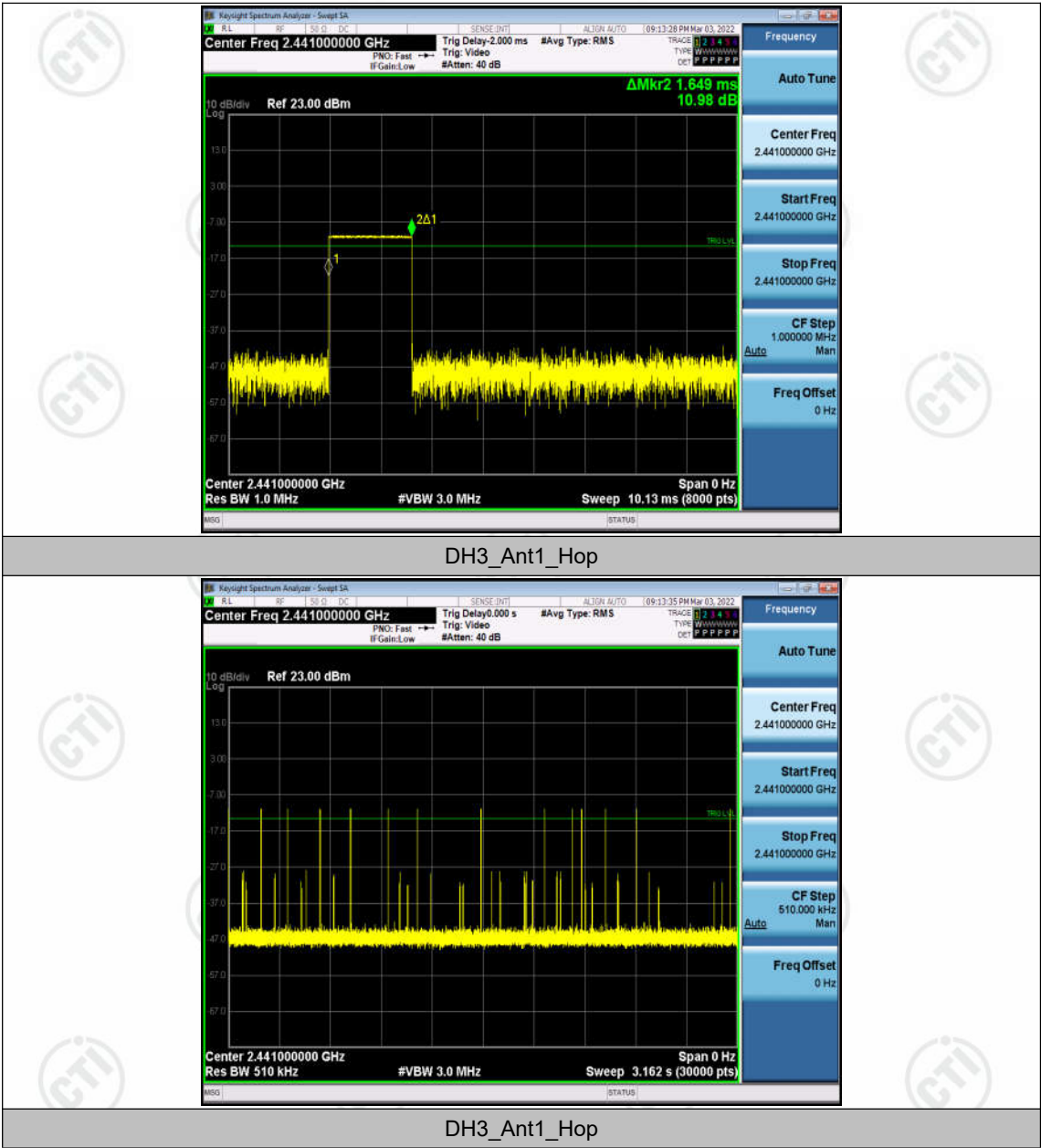
AppendixE: Time of occupancy

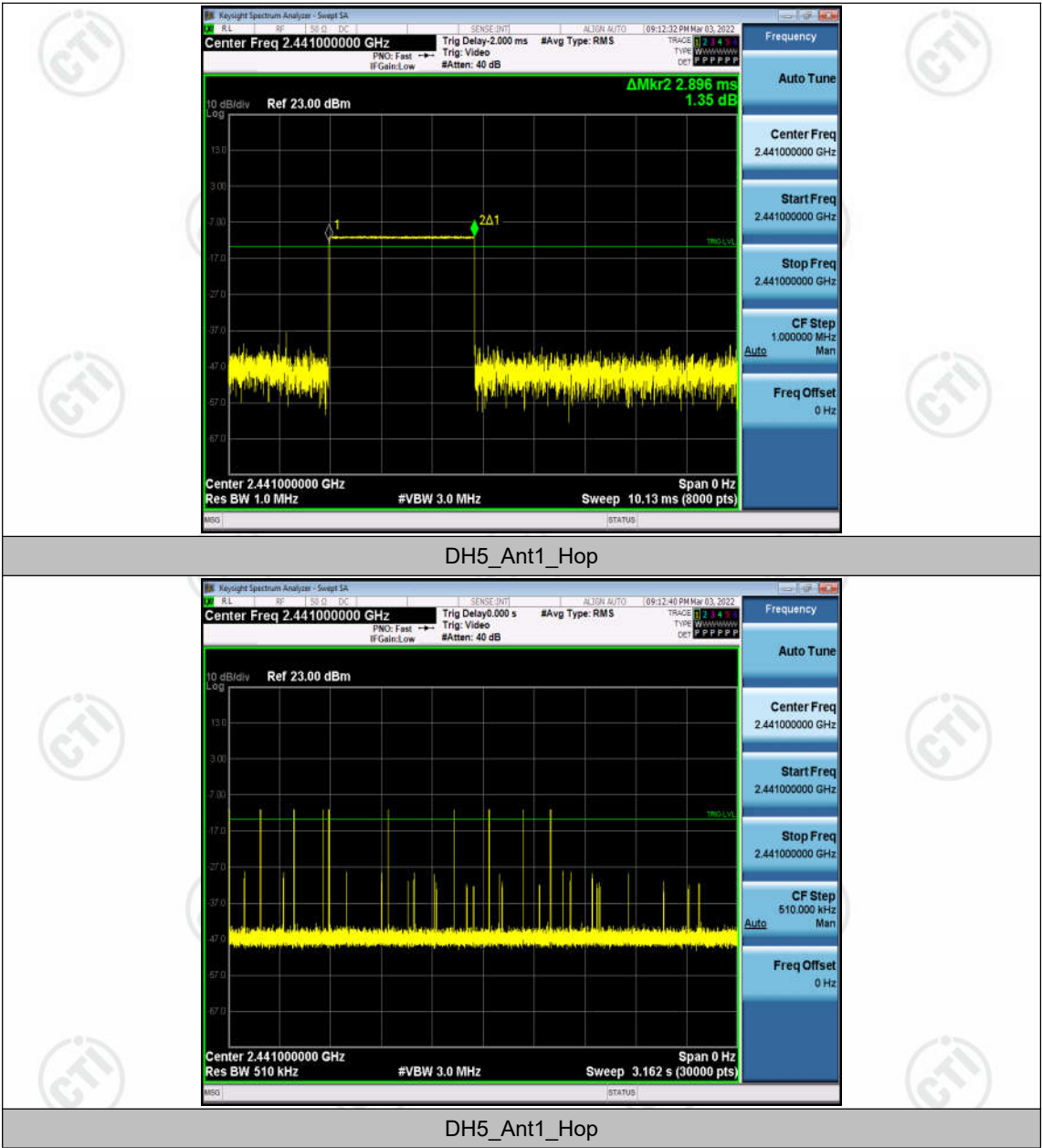
Test Result

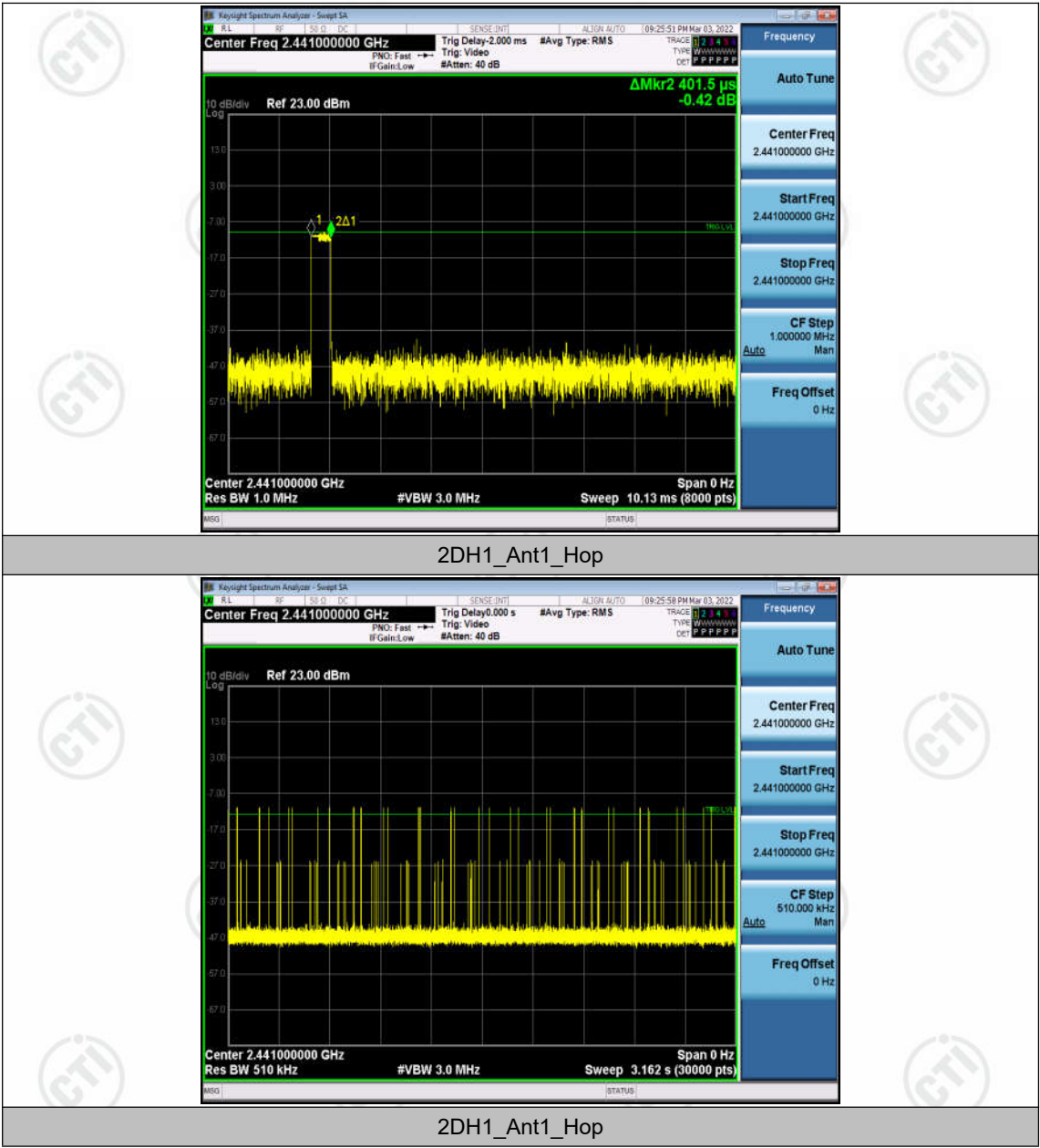
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	330	0.13	<=0.4	PASS
DH3	Ant1	Hop	1.65	150	0.247	<=0.4	PASS
DH5	Ant1	Hop	2.90	100	0.29	<=0.4	PASS
2DH1	Ant1	Hop	0.40	330	0.133	<=0.4	PASS
2DH3	Ant1	Hop	1.65	200	0.331	<=0.4	PASS
2DH5	Ant1	Hop	2.90	120	0.348	<=0.4	PASS
3DH1	Ant1	Hop	0.40	320	0.128	<=0.4	PASS
3DH3	Ant1	Hop	1.65	210	0.347	<=0.4	PASS
3DH5	Ant1	Hop	2.90	130	0.378	<=0.4	PASS

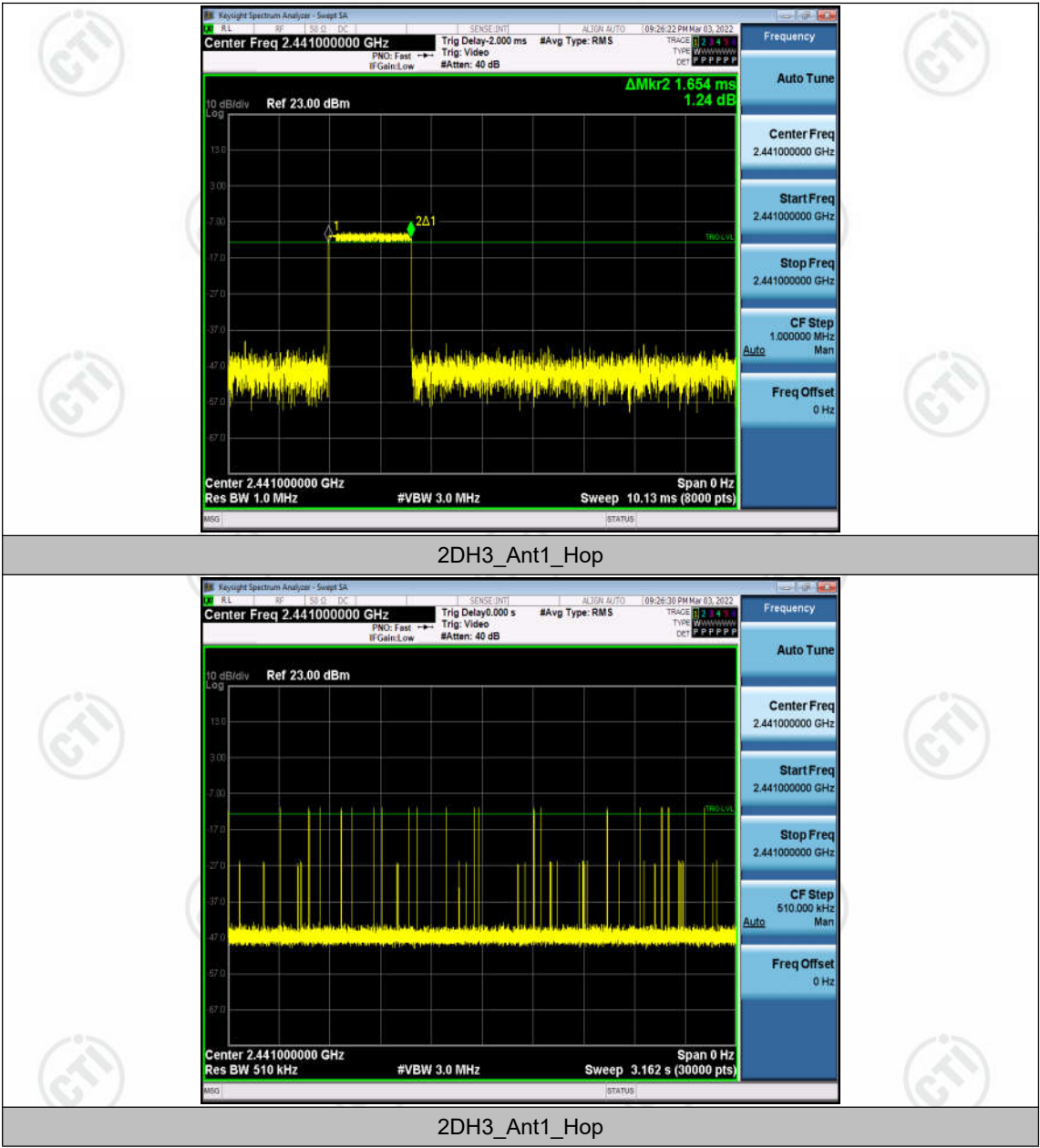
Test Graphs

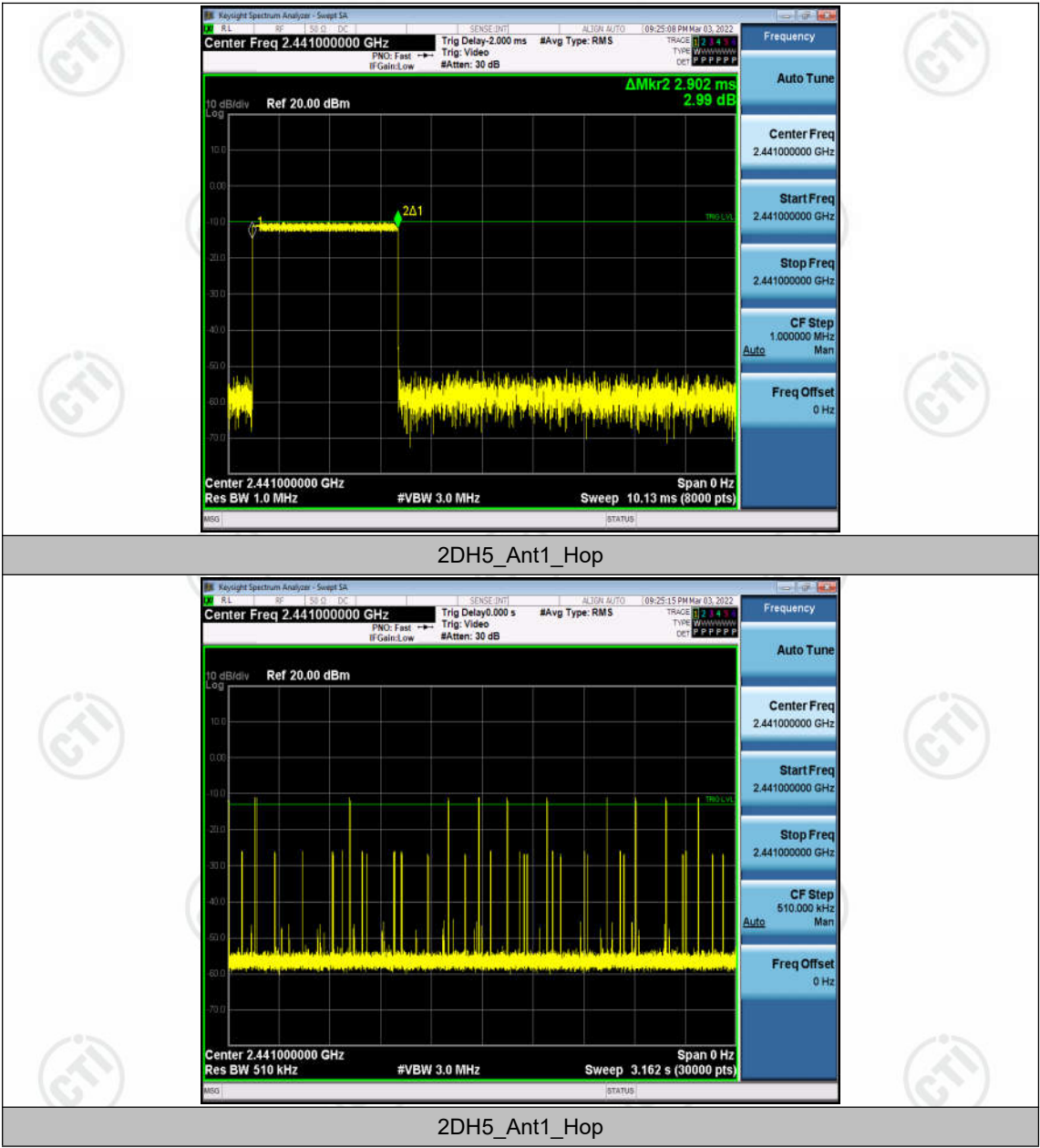


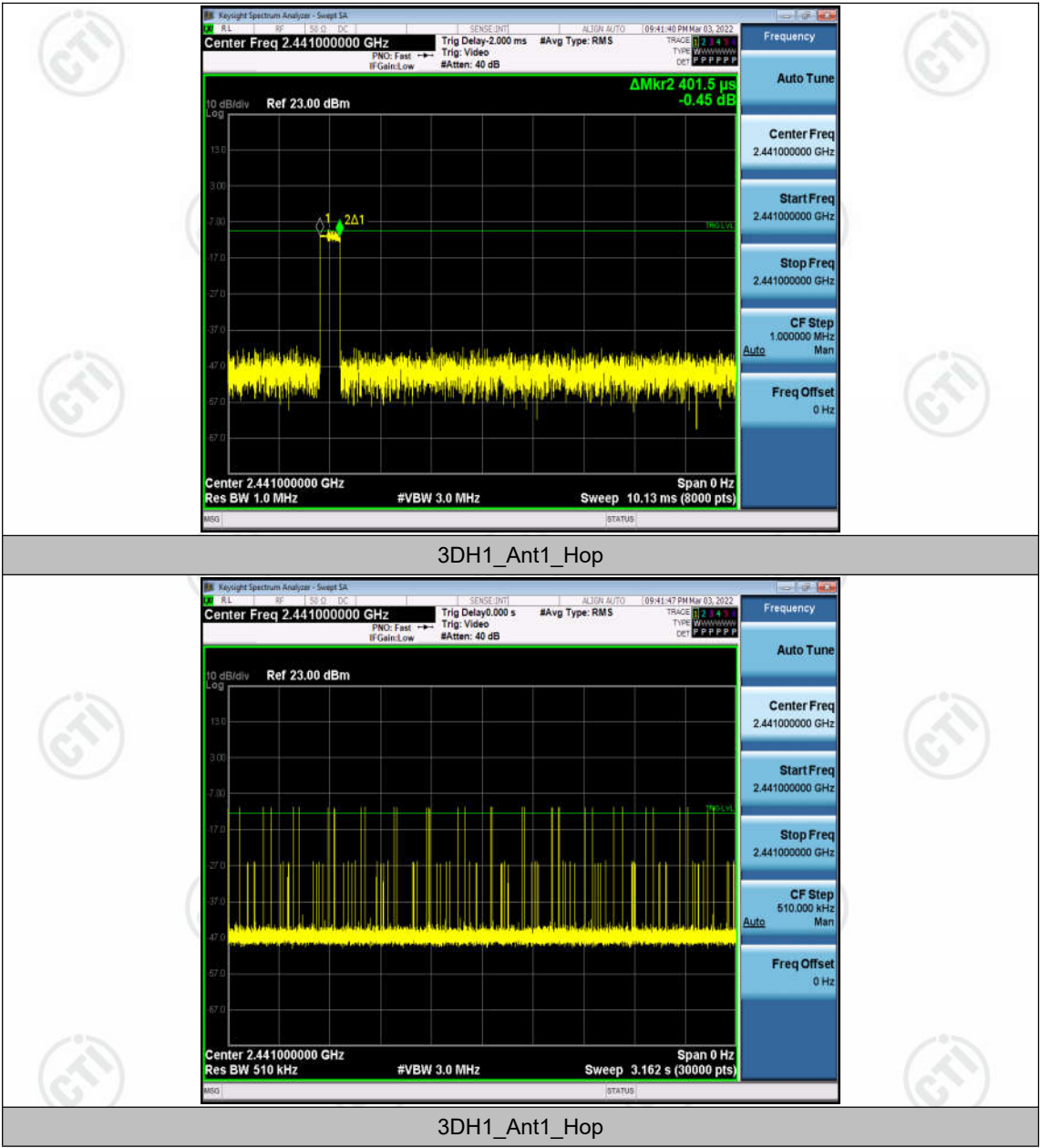


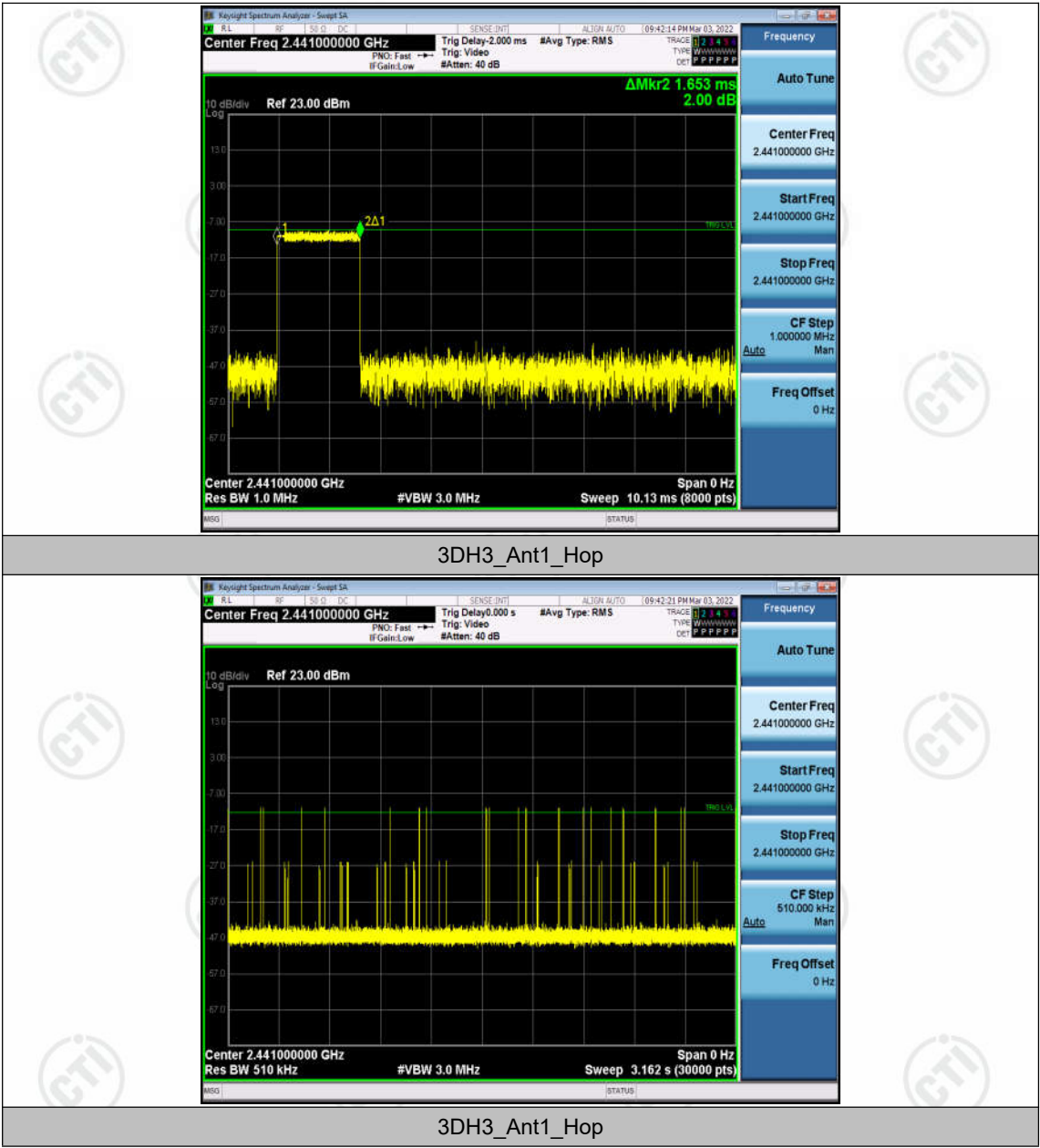


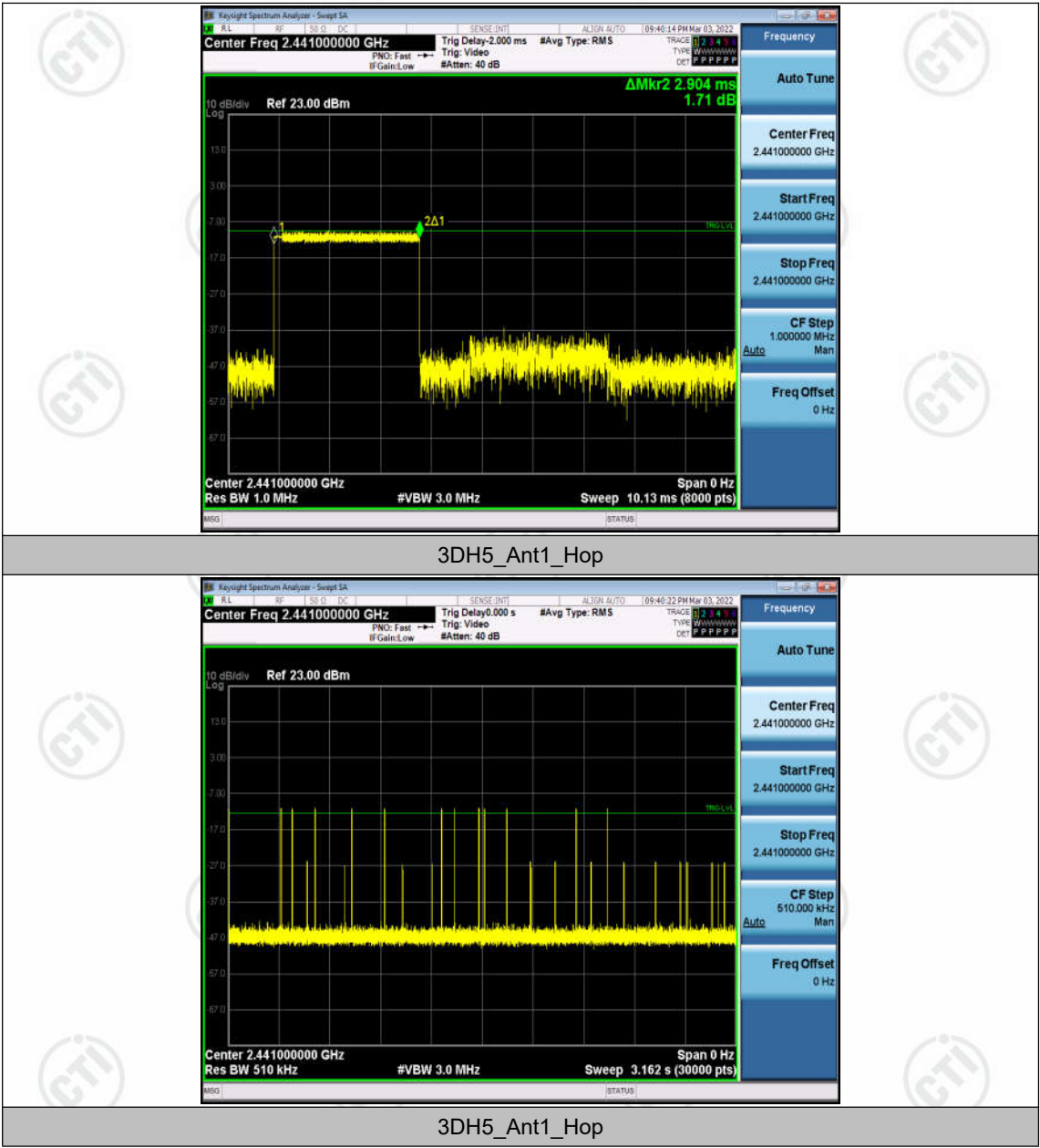










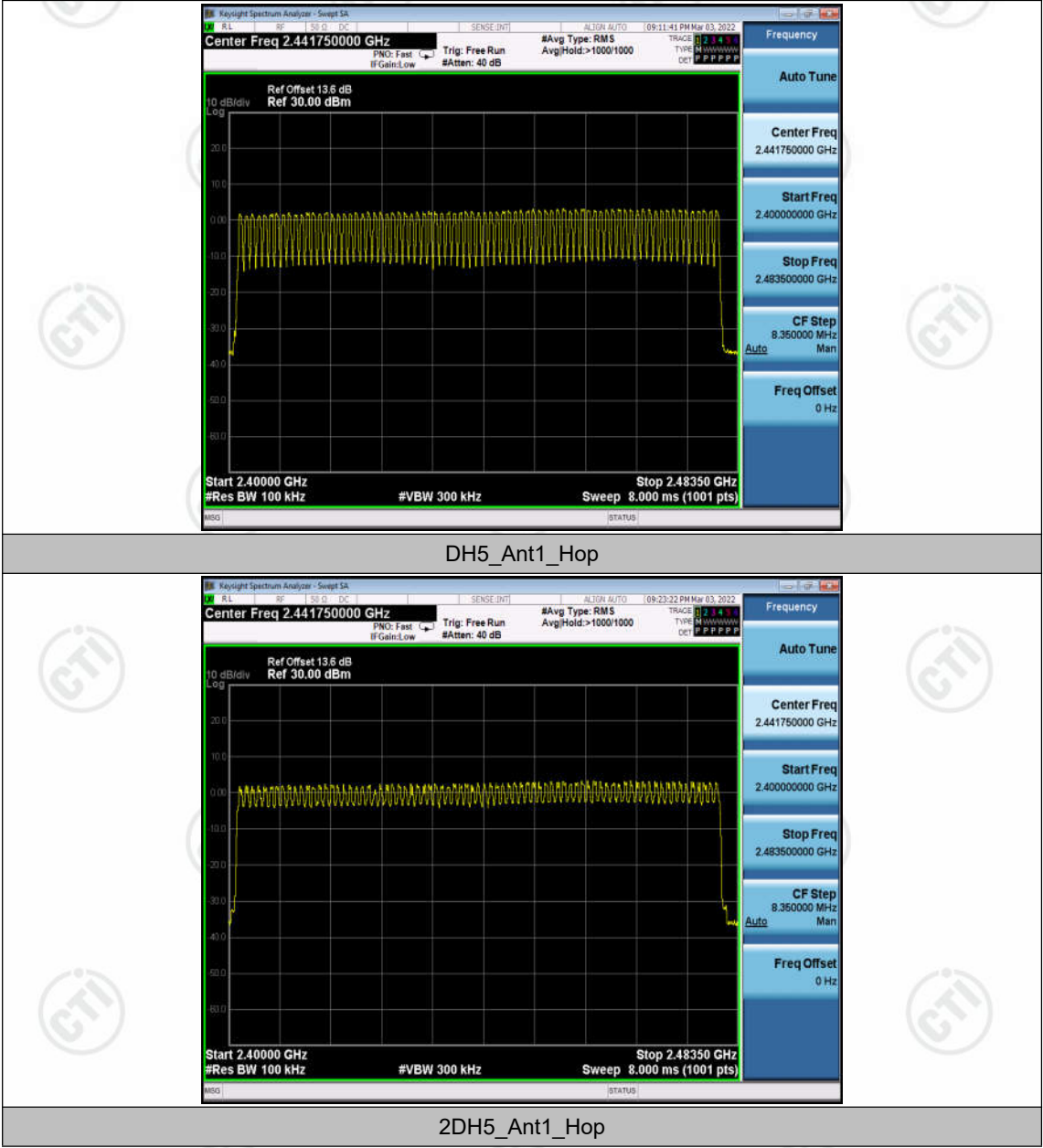


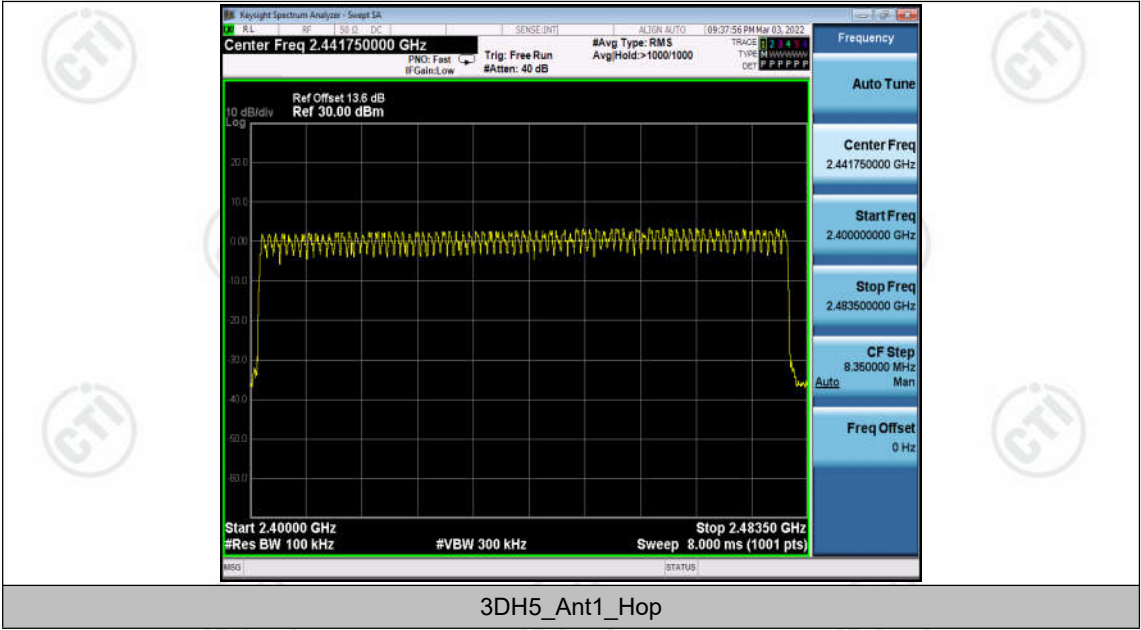
AppendixF: Number of hopping channels

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



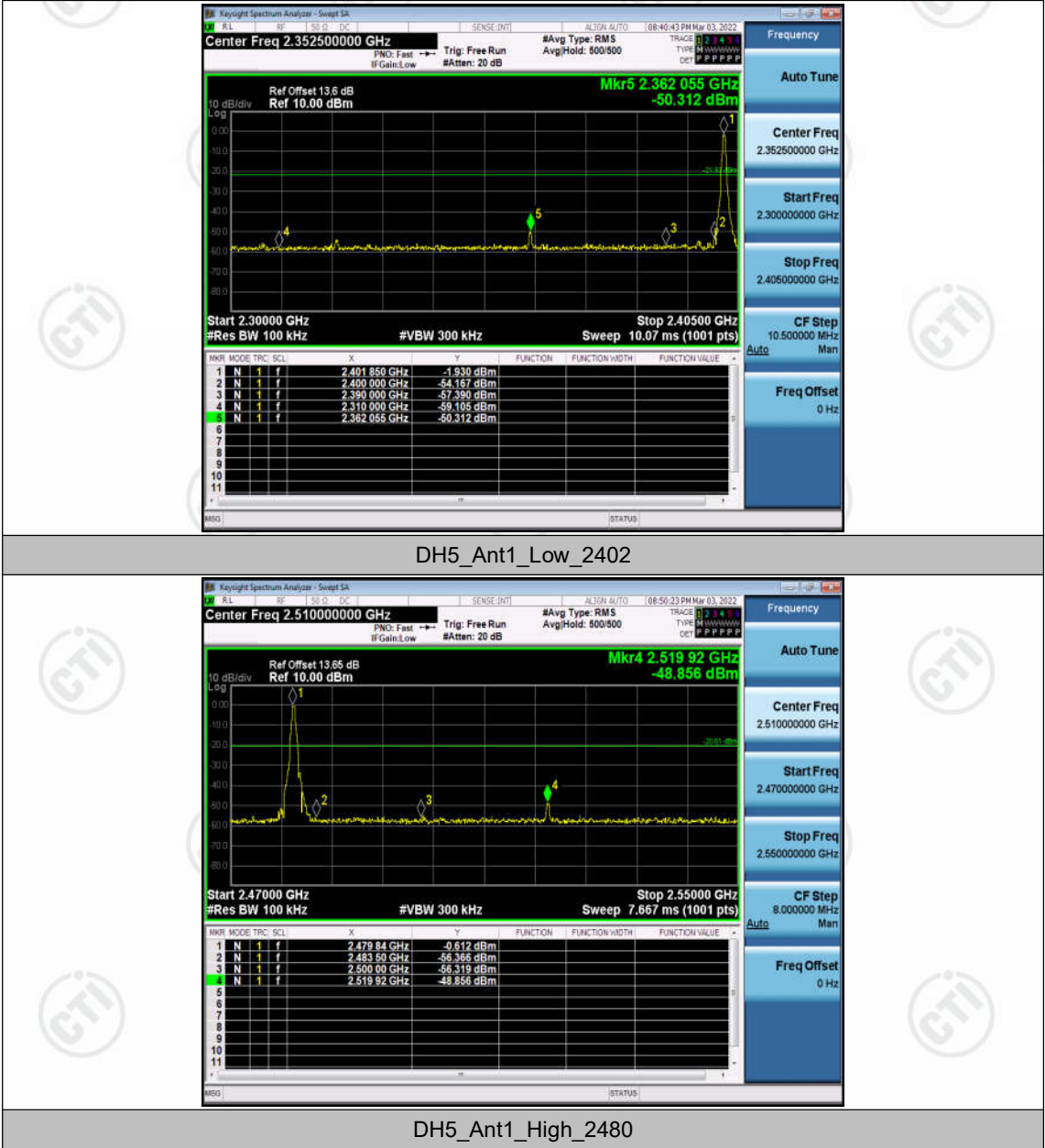


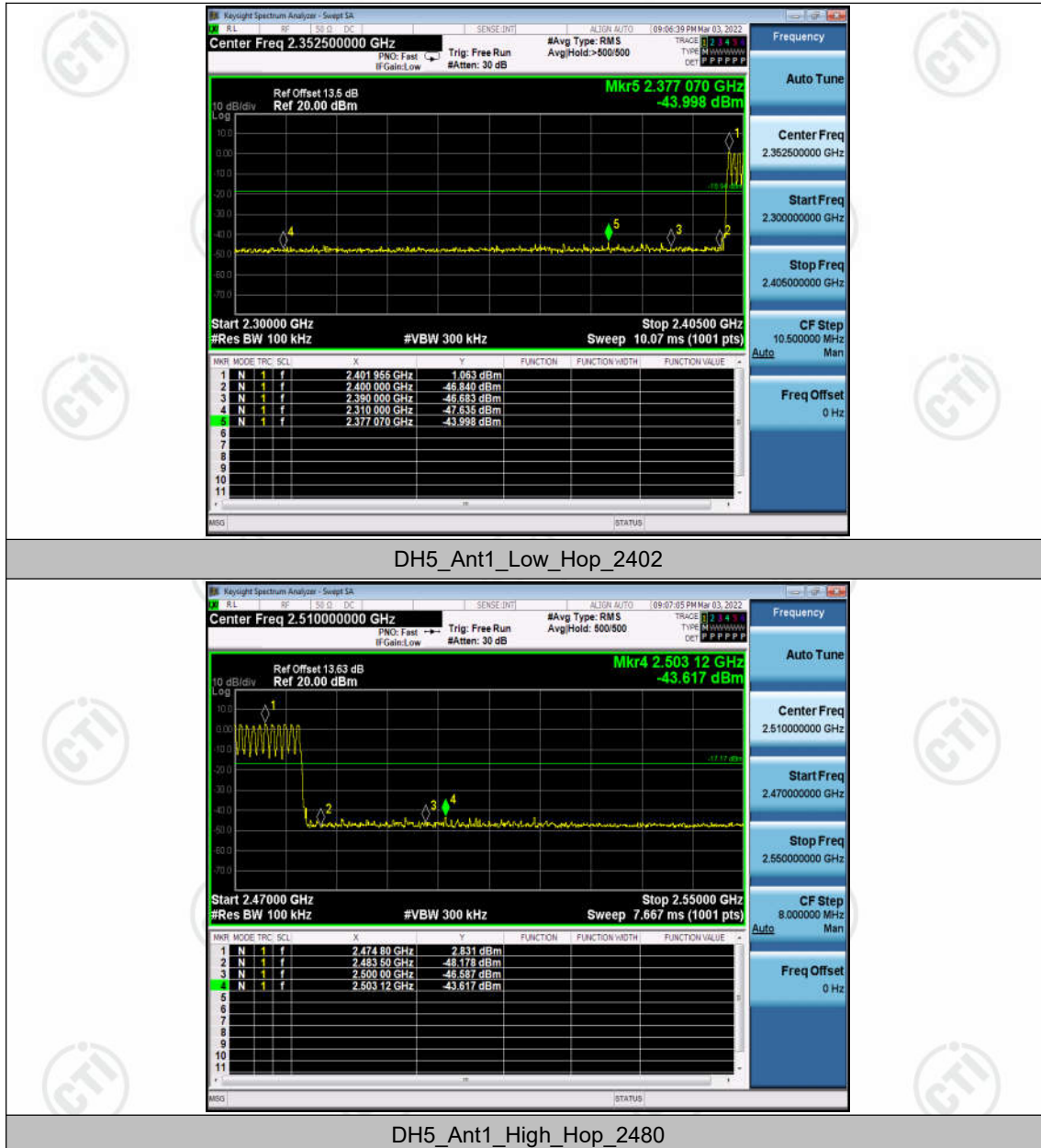
AppendixG:Band edge measurements

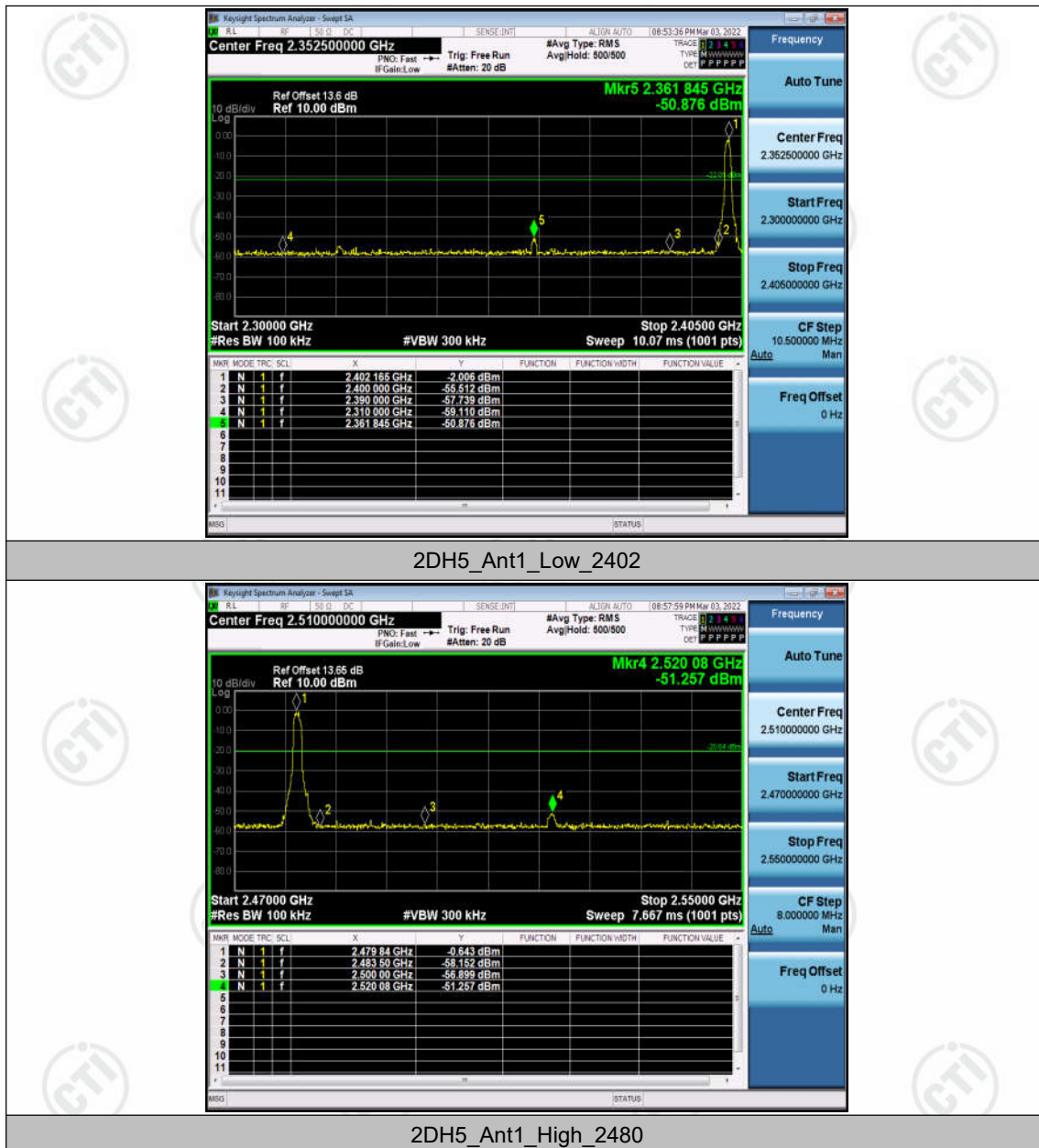
Test Result

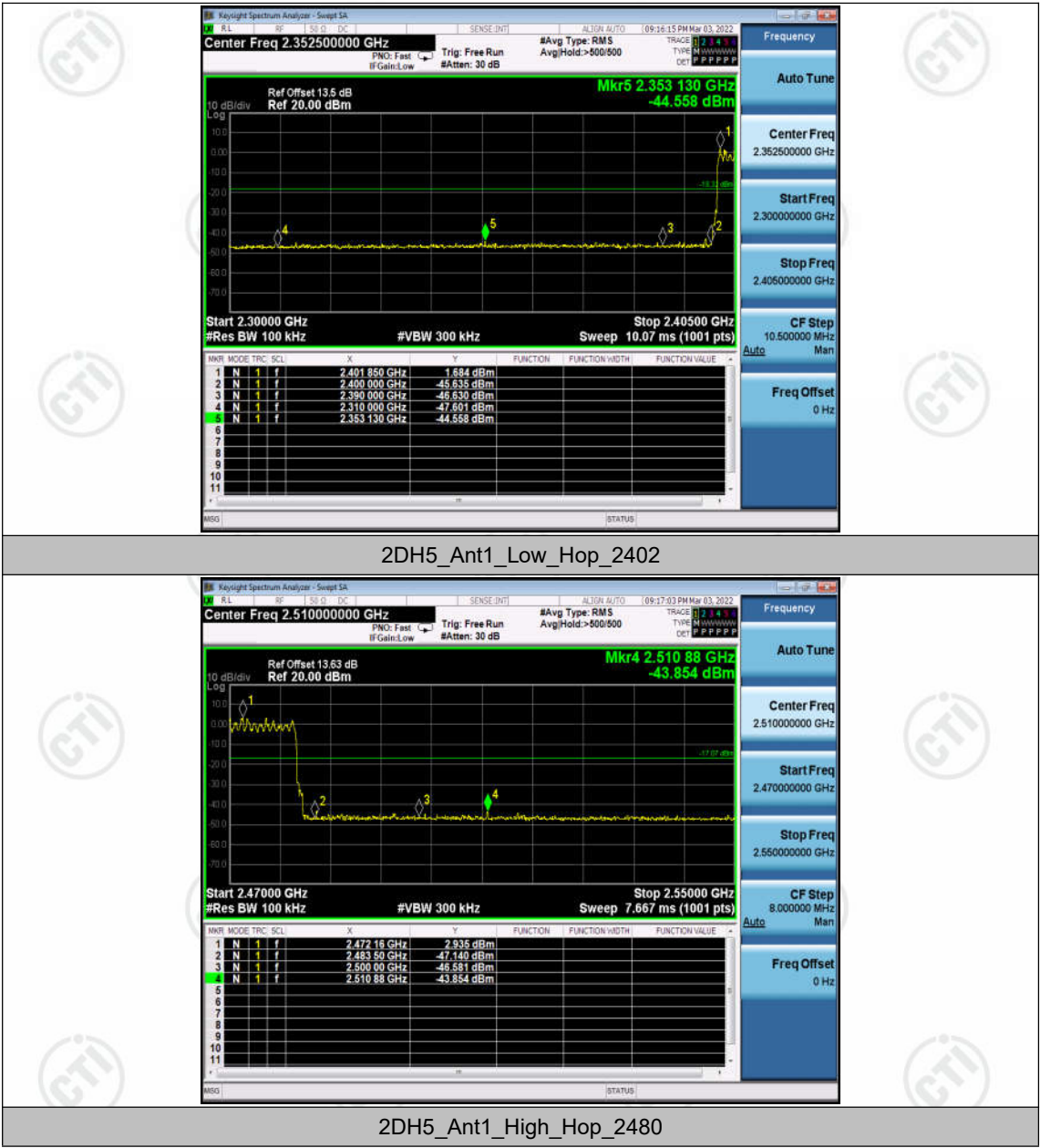
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.93	-50.31	<=-21.93	PASS
		High	2480	-0.61	-48.86	<=-20.61	PASS
		Low	Hop_2402	1.06	-44	<=-18.94	PASS
		High	Hop_2480	2.83	-43.62	<=-17.17	PASS
2DH5	Ant1	Low	2402	-2.01	-50.88	<=-22.01	PASS
		High	2480	-0.64	-51.26	<=-20.64	PASS
		Low	Hop_2402	1.68	-44.56	<=-18.32	PASS
		High	Hop_2480	2.94	-43.85	<=-17.07	PASS
3DH5	Ant1	Low	2402	-2.33	-50.45	<=-22.33	PASS
		High	2480	-0.64	-49.93	<=-20.64	PASS
		Low	Hop_2402	1.22	-43.91	<=-18.78	PASS
		High	Hop_2480	3.00	-43.4	<=-17	PASS

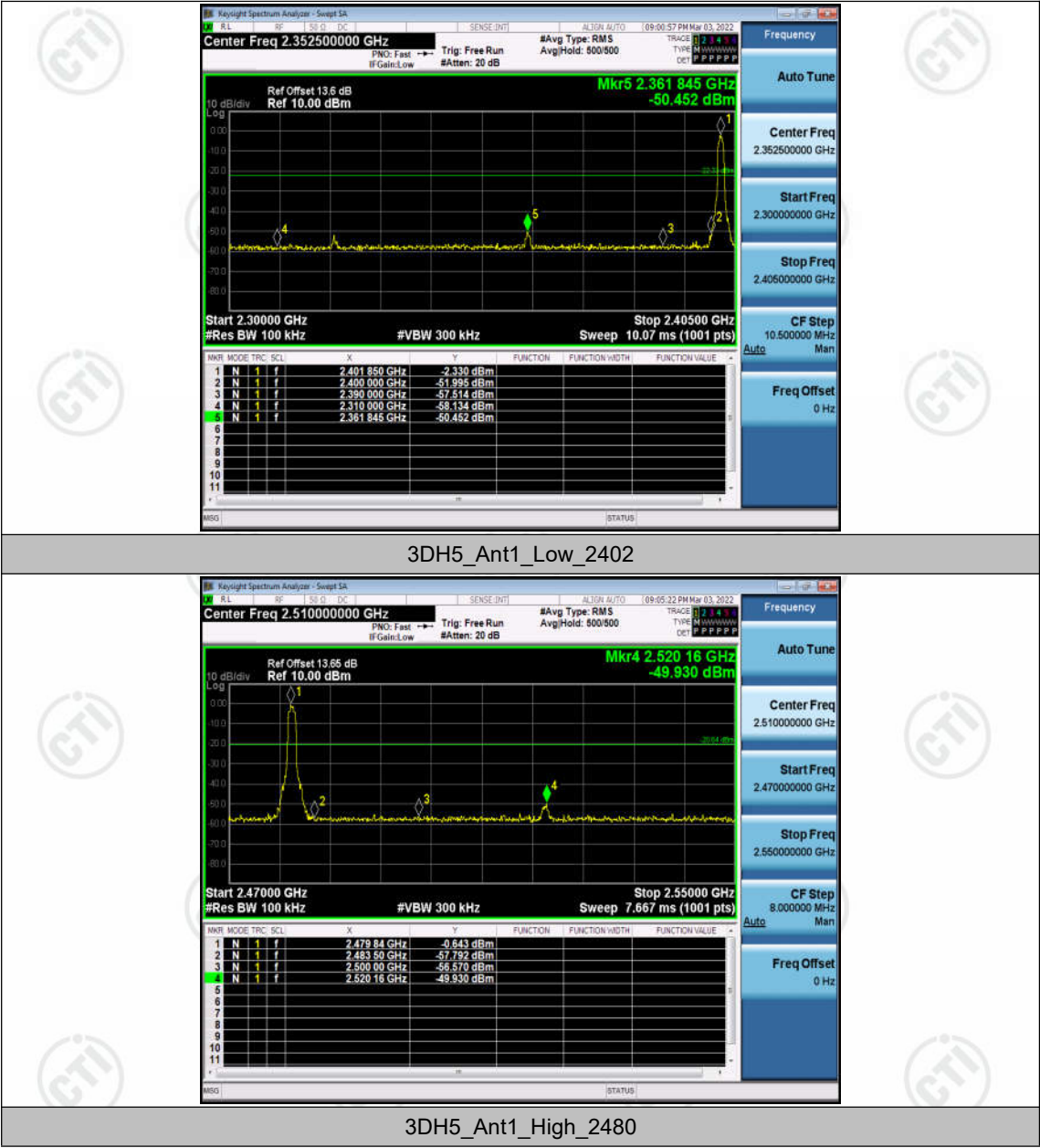
Test Graphs

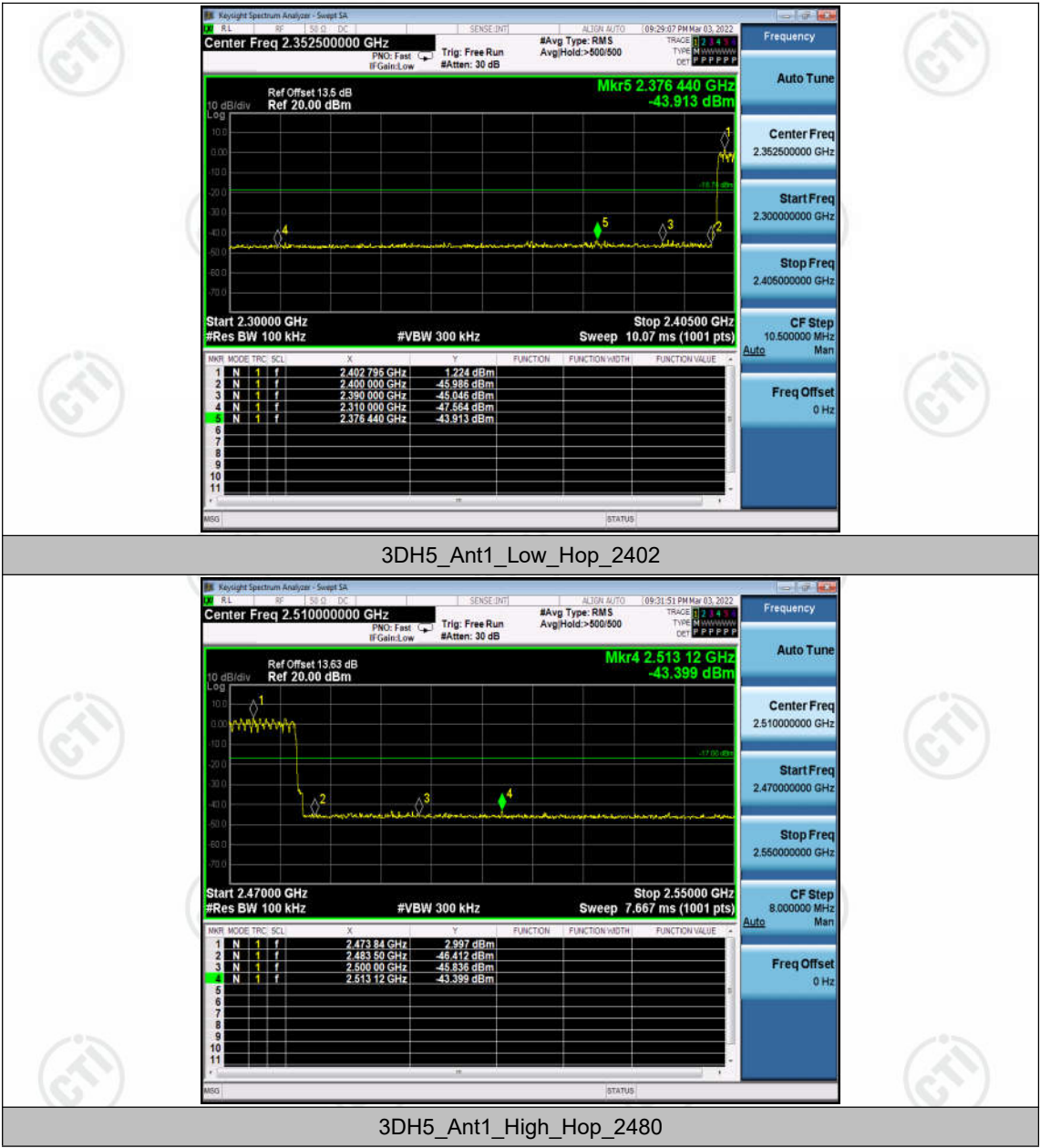










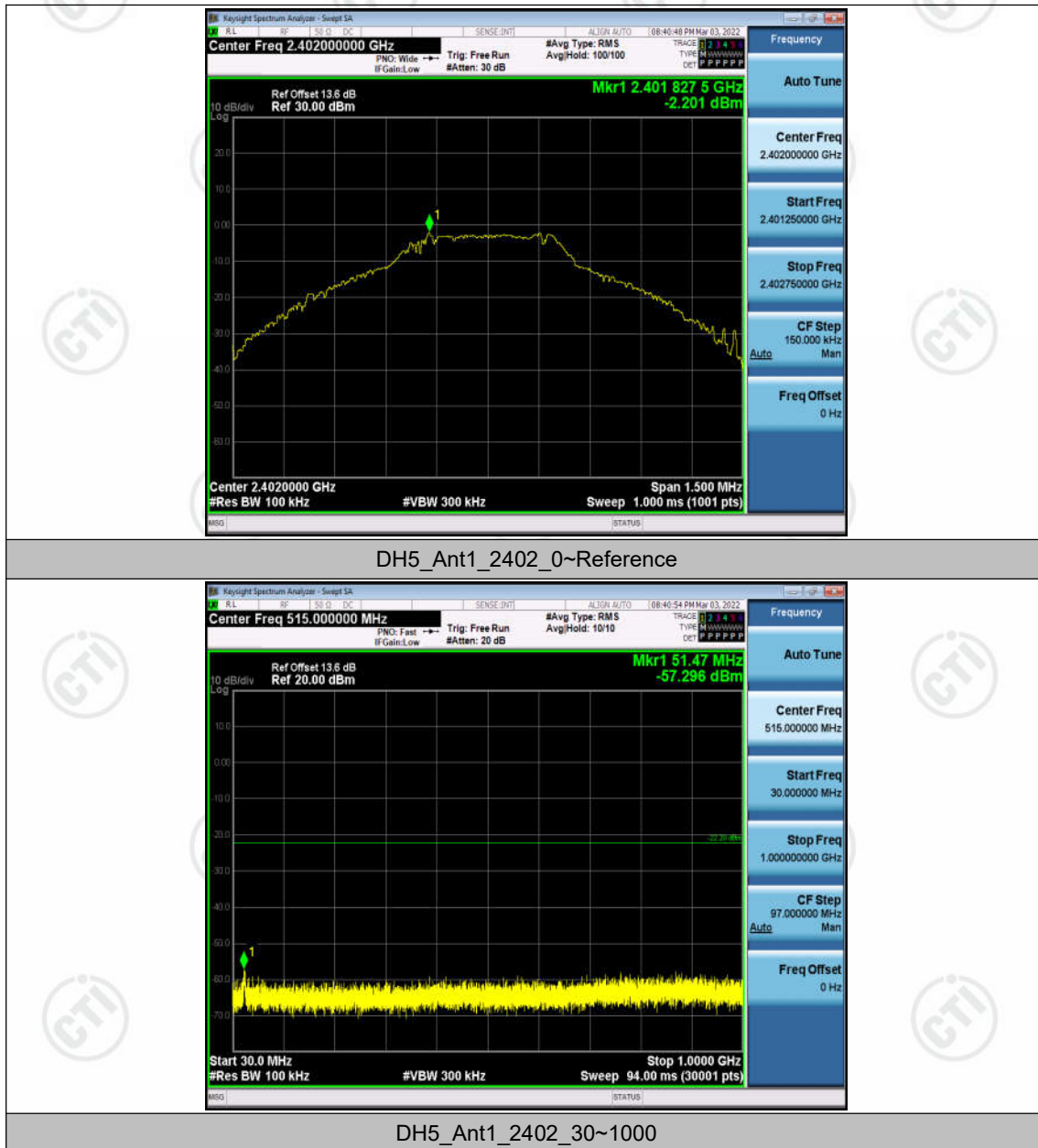


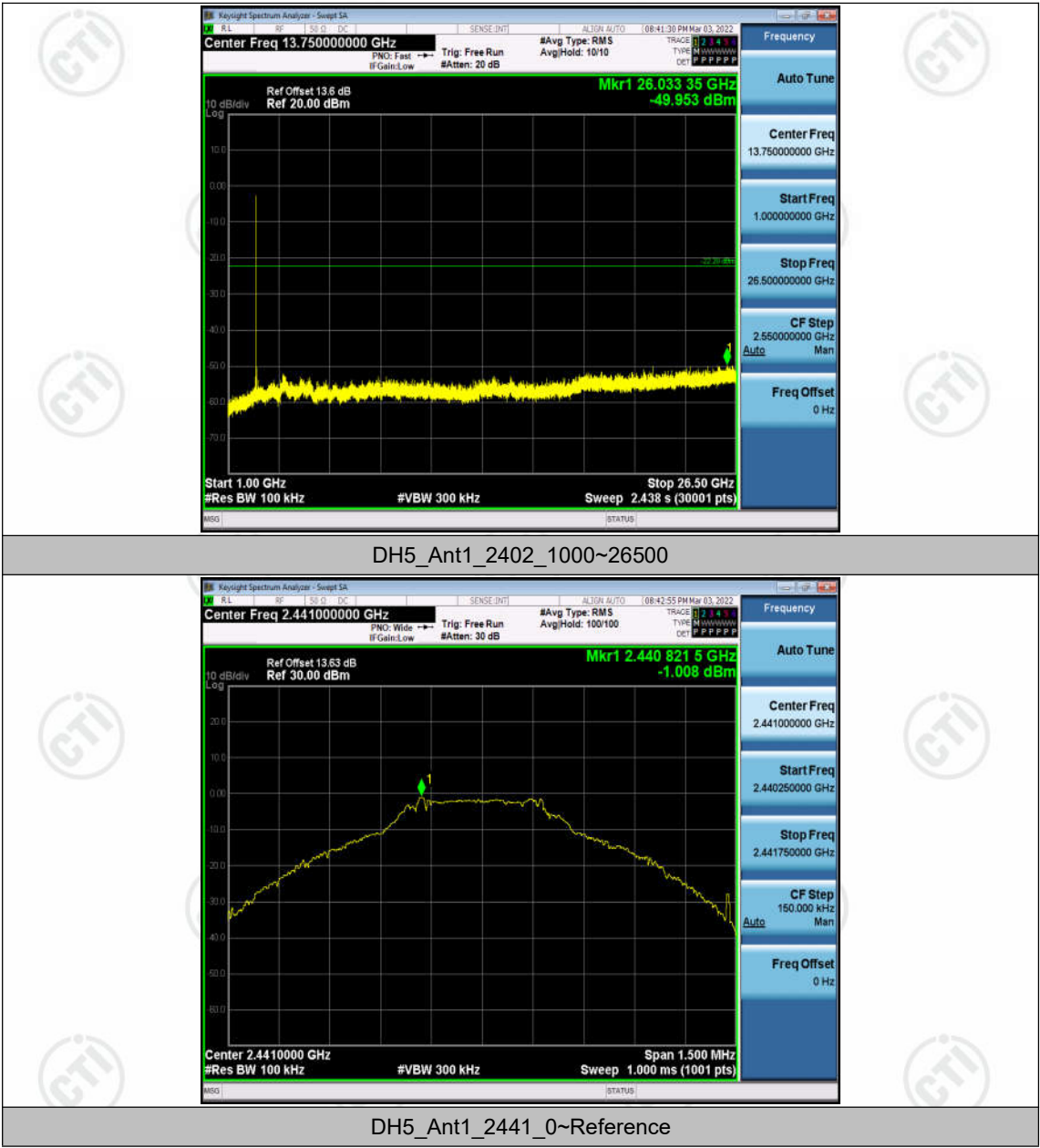
AppendixH:Conducted SpuriousEmission

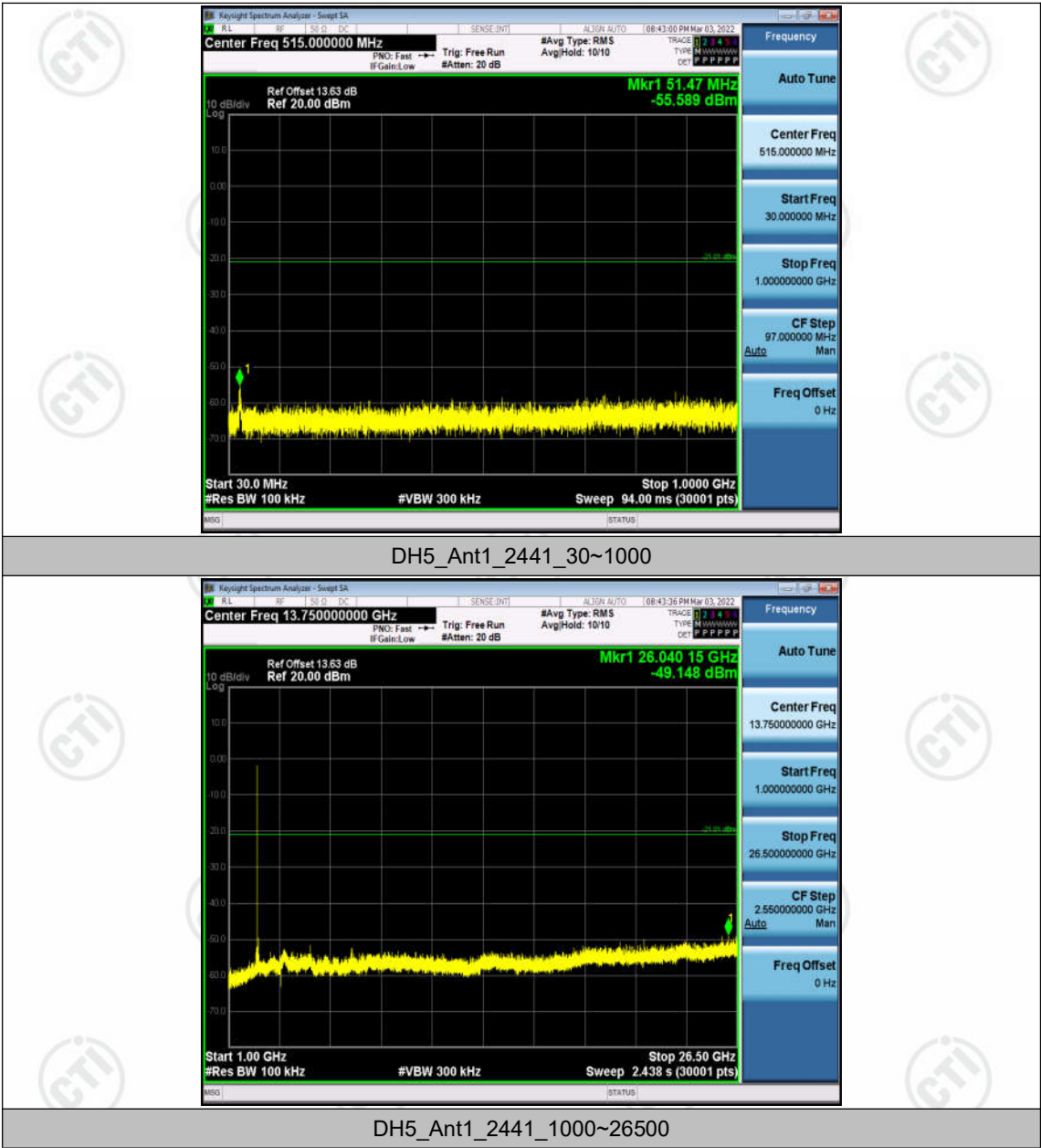
Test Result

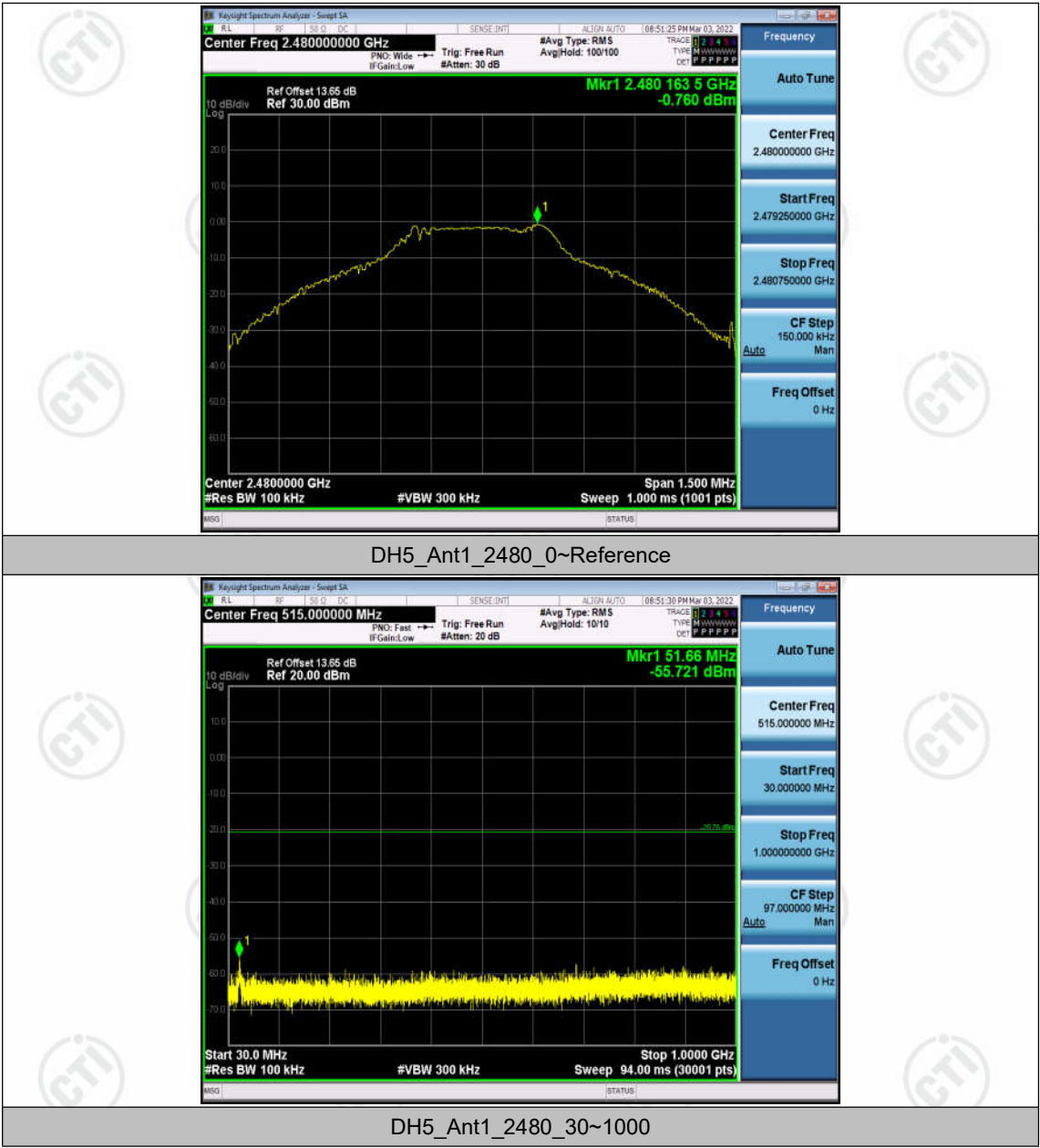
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-2.20	-2.20	---	PASS
			30~1000	30~1000	-57.296	<=-22.201	PASS
			1000~26500	1000~26500	-49.953	<=-22.201	PASS
		2441	Reference	-1.01	-1.01	---	PASS
			30~1000	30~1000	-55.589	<=-21.008	PASS
			1000~26500	1000~26500	-49.148	<=-21.008	PASS
		2480	Reference	-0.76	-0.76	---	PASS
			30~1000	30~1000	-55.721	<=-20.76	PASS
			1000~26500	1000~26500	-48.001	<=-20.76	PASS
2DH5	Ant1	2402	Reference	-2.10	-2.10	---	PASS
			30~1000	30~1000	-56.704	<=-22.102	PASS
			1000~26500	1000~26500	-49.269	<=-22.102	PASS
		2441	Reference	-1.19	-1.19	---	PASS
			30~1000	30~1000	-57.06	<=-21.191	PASS
			1000~26500	1000~26500	-49.899	<=-21.191	PASS
		2480	Reference	-0.97	-0.97	---	PASS
			30~1000	30~1000	-56.322	<=-20.967	PASS
			1000~26500	1000~26500	-48.774	<=-20.967	PASS
3DH5	Ant1	2402	Reference	-2.78	-2.78	---	PASS
			30~1000	30~1000	-57.433	<=-22.775	PASS
			1000~26500	1000~26500	-48.557	<=-22.775	PASS
		2441	Reference	-1.02	-1.02	---	PASS
			30~1000	30~1000	-56.59	<=-21.016	PASS
			1000~26500	1000~26500	-49.669	<=-21.016	PASS
		2480	Reference	-1.17	-1.17	---	PASS
			30~1000	30~1000	-56.025	<=-21.173	PASS
			1000~26500	1000~26500	-49.56	<=-21.173	PASS

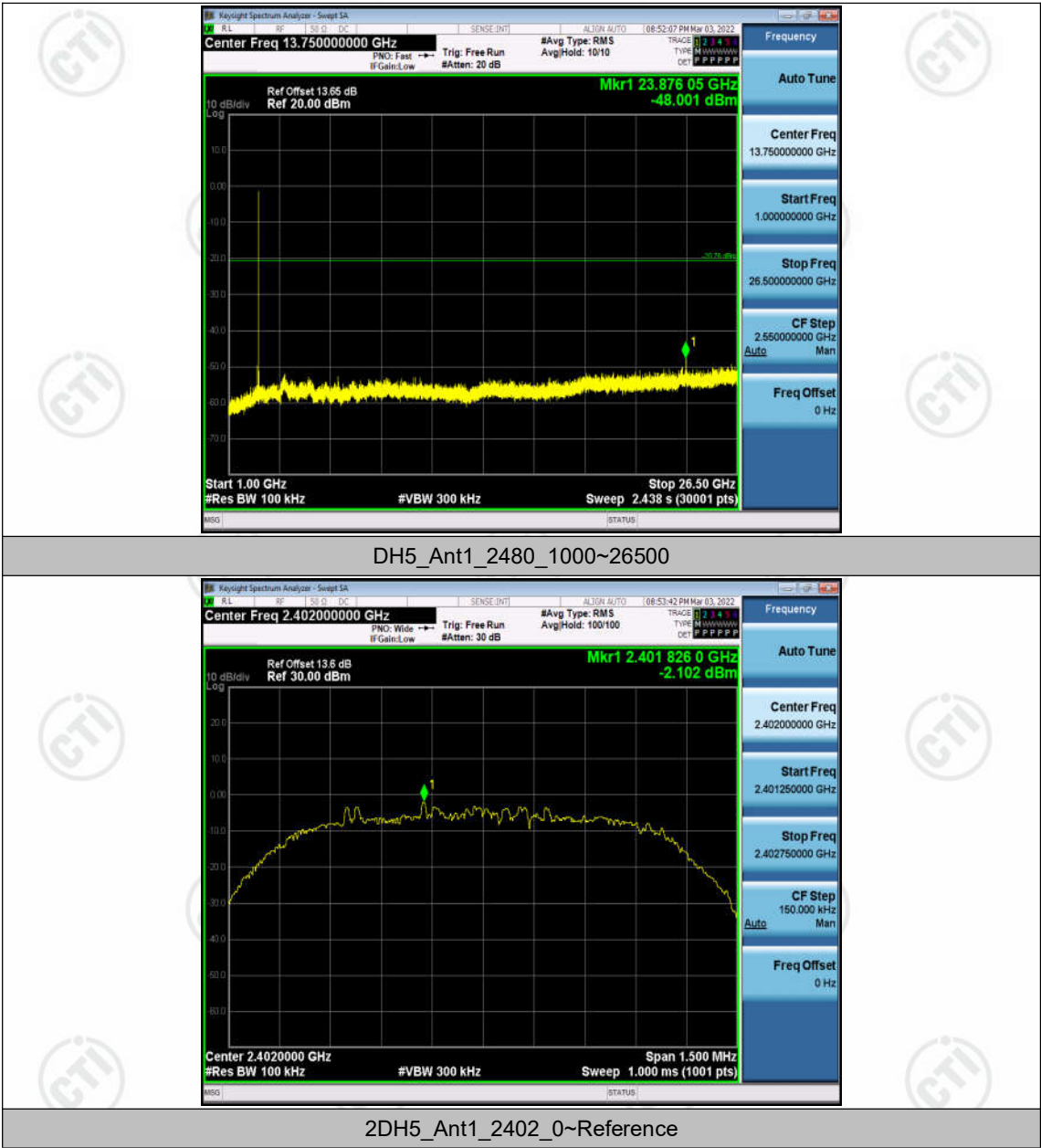
Test Graphs

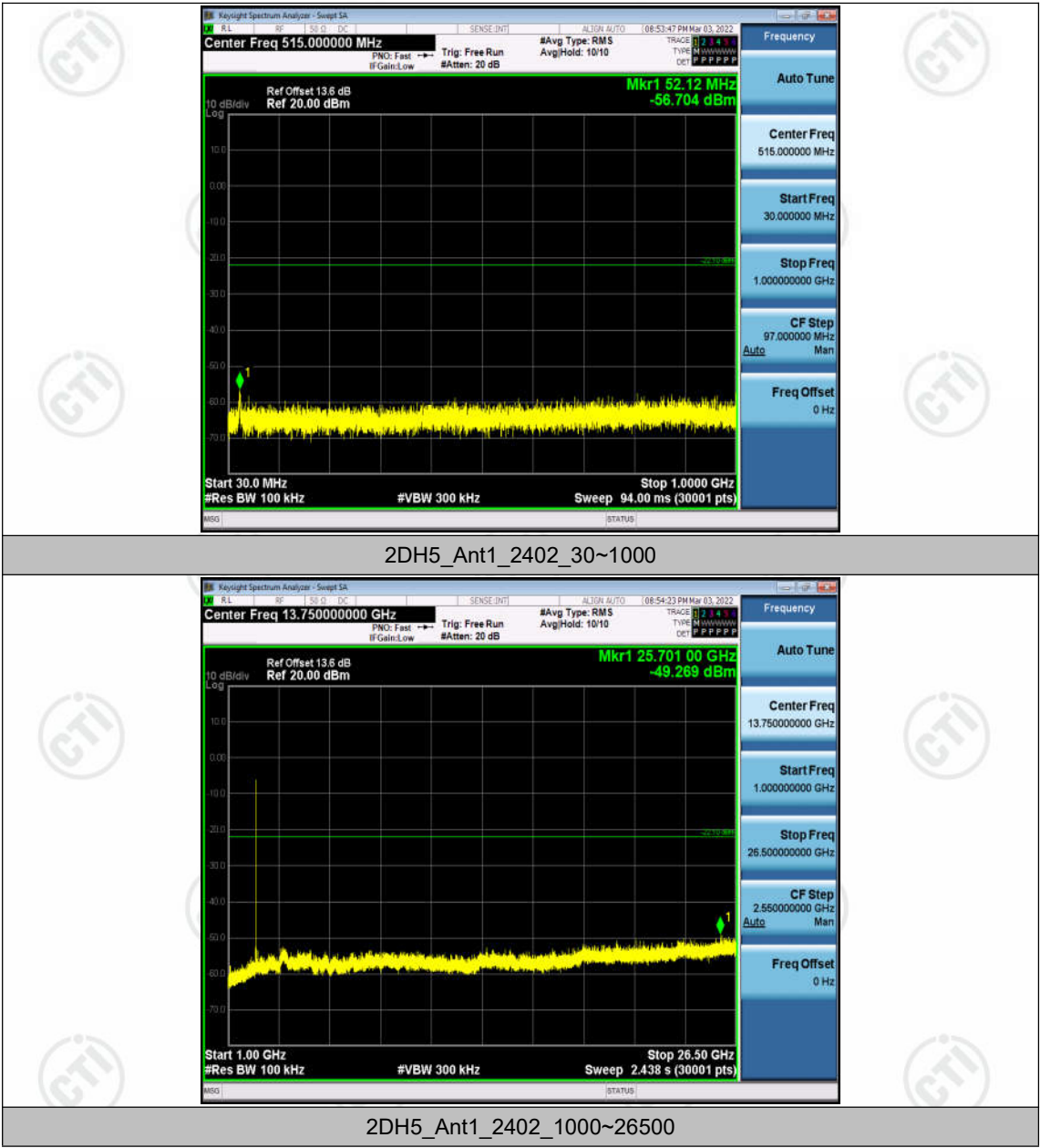


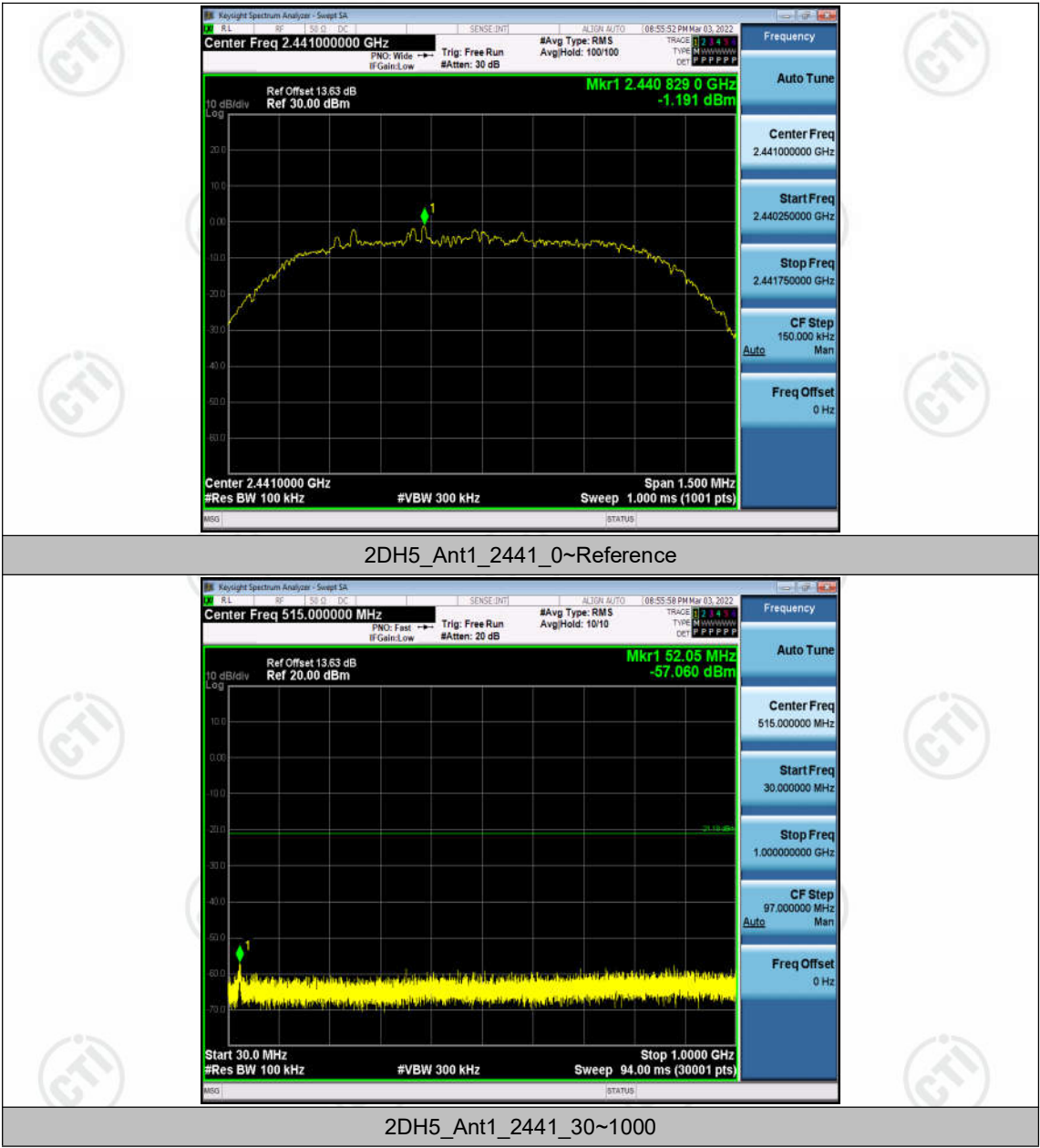


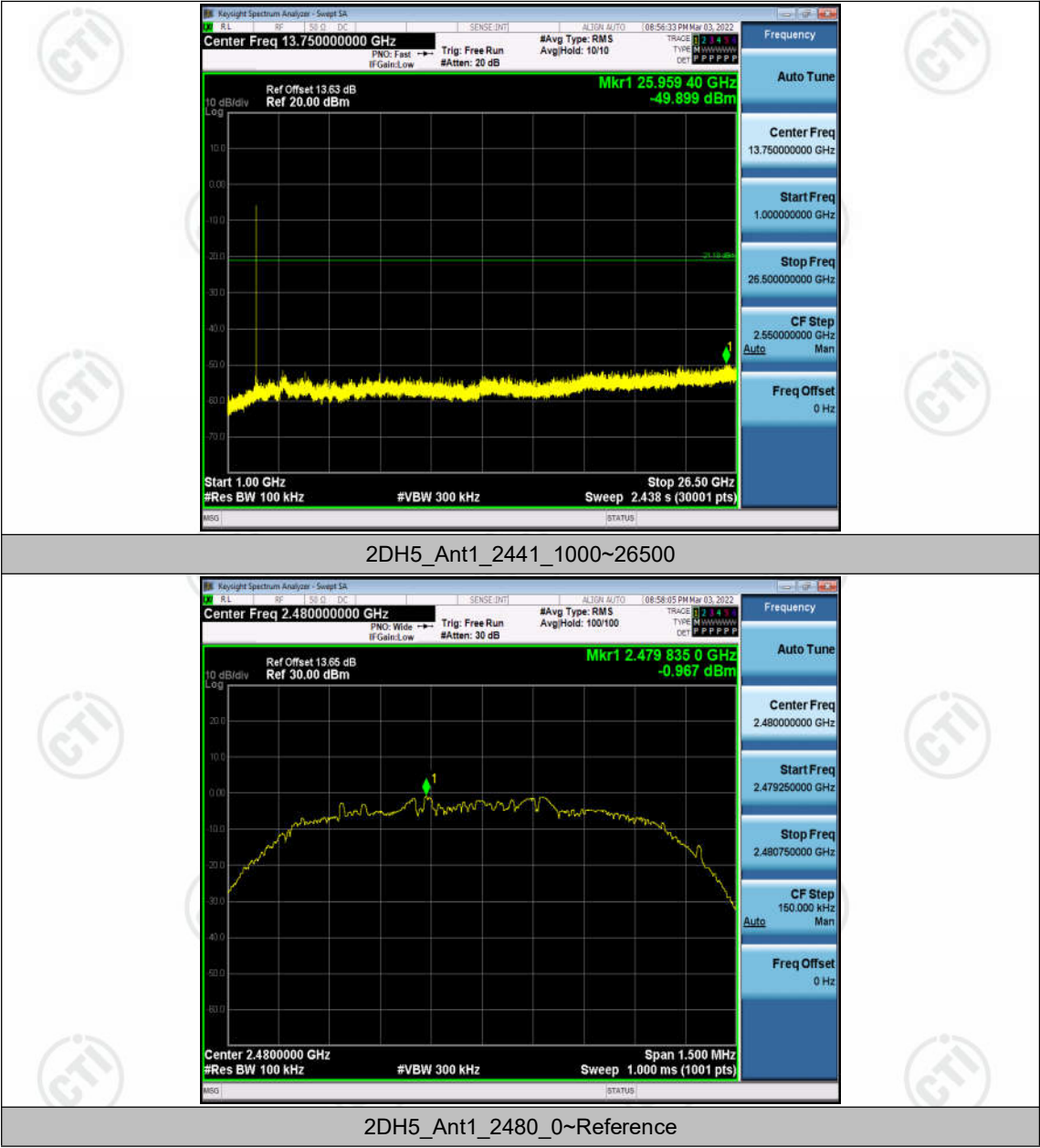


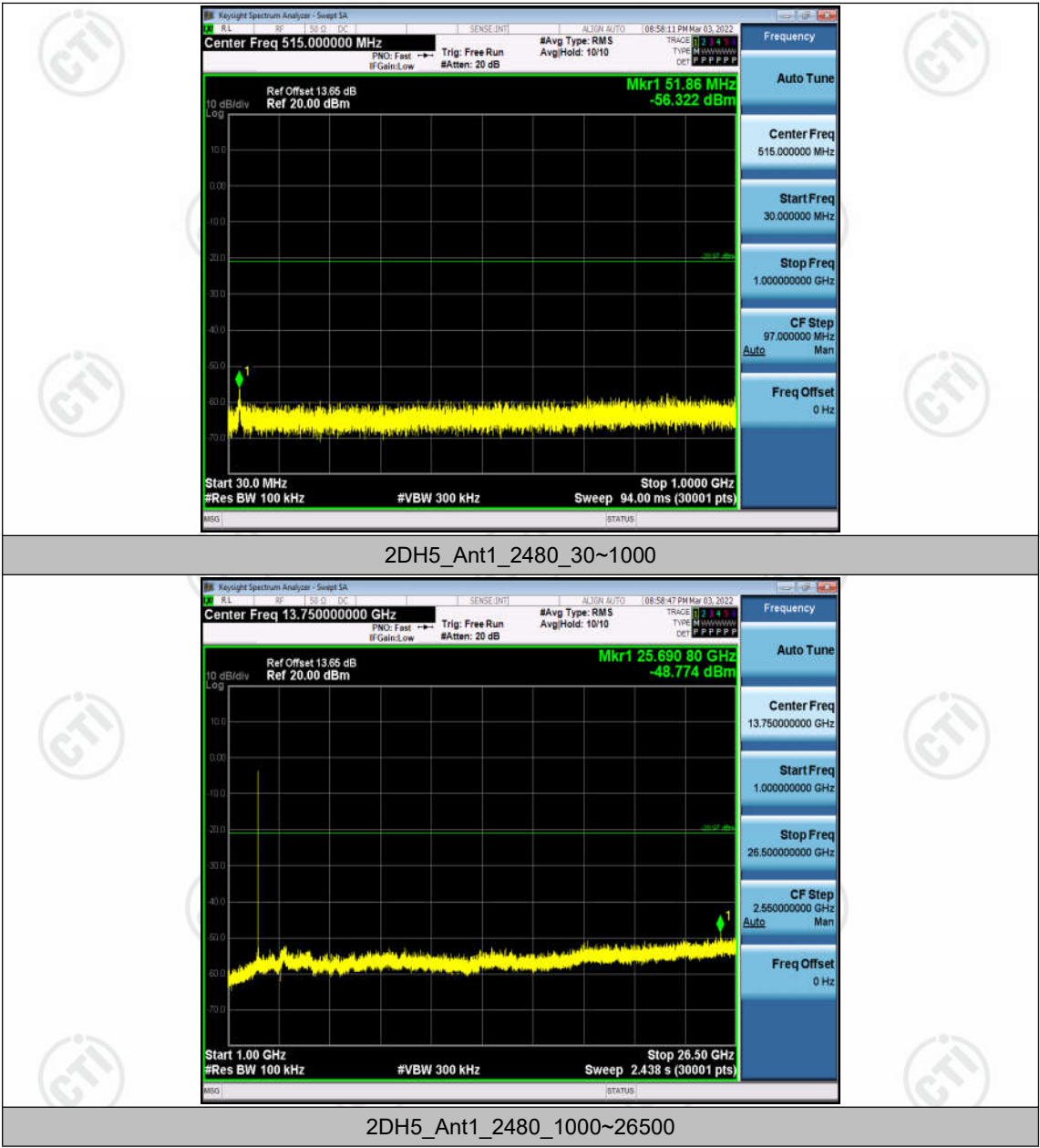


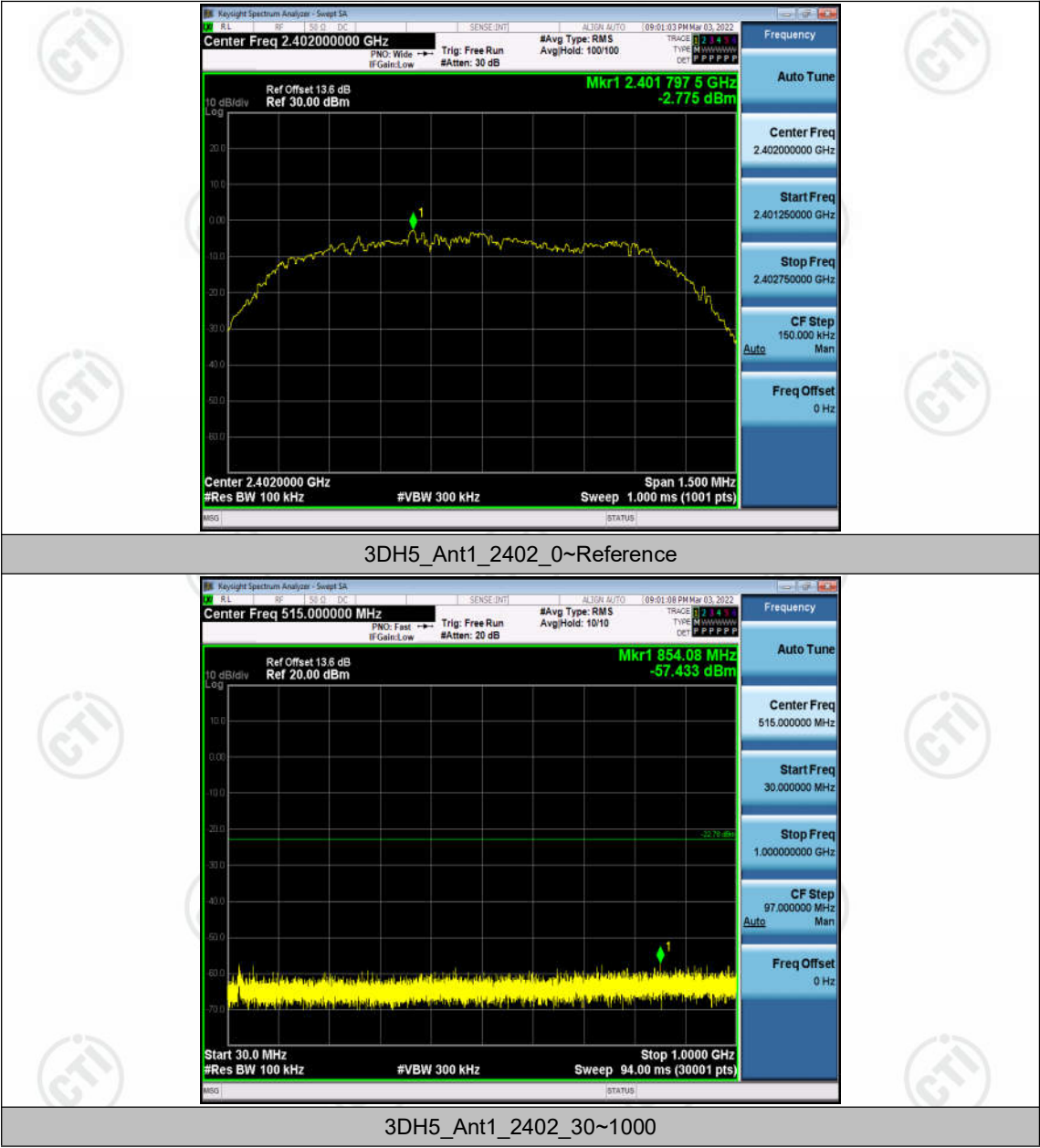


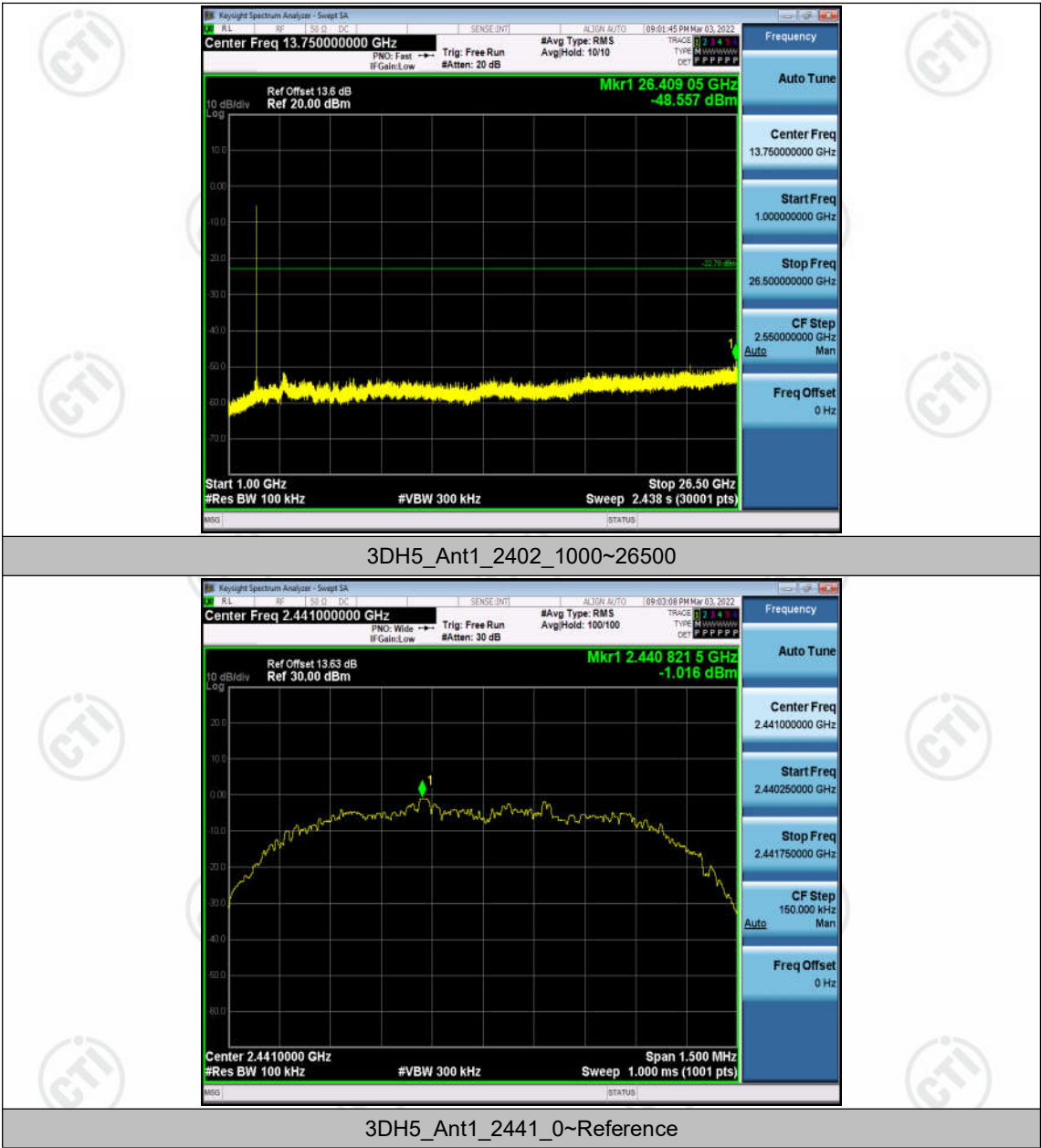


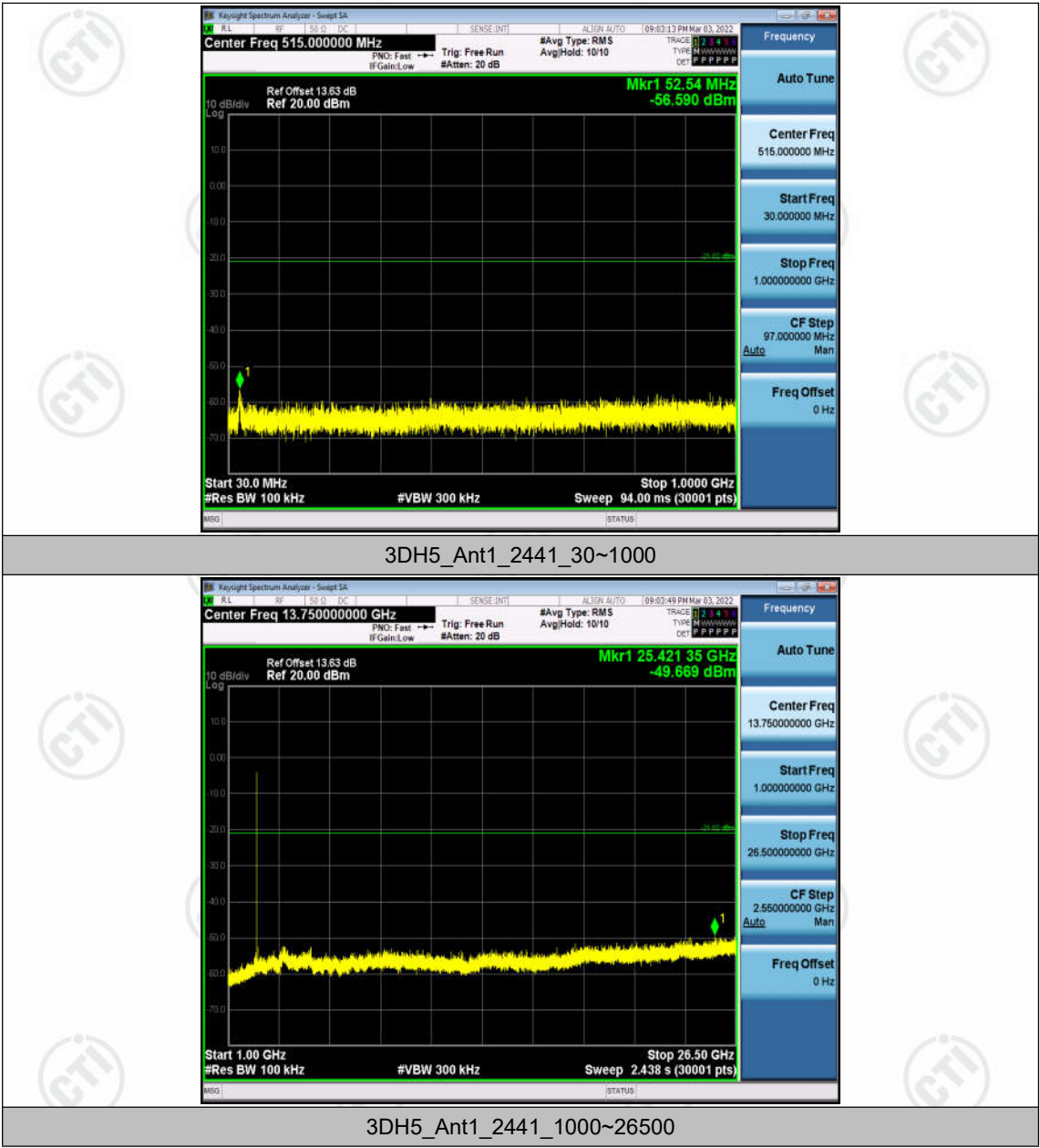


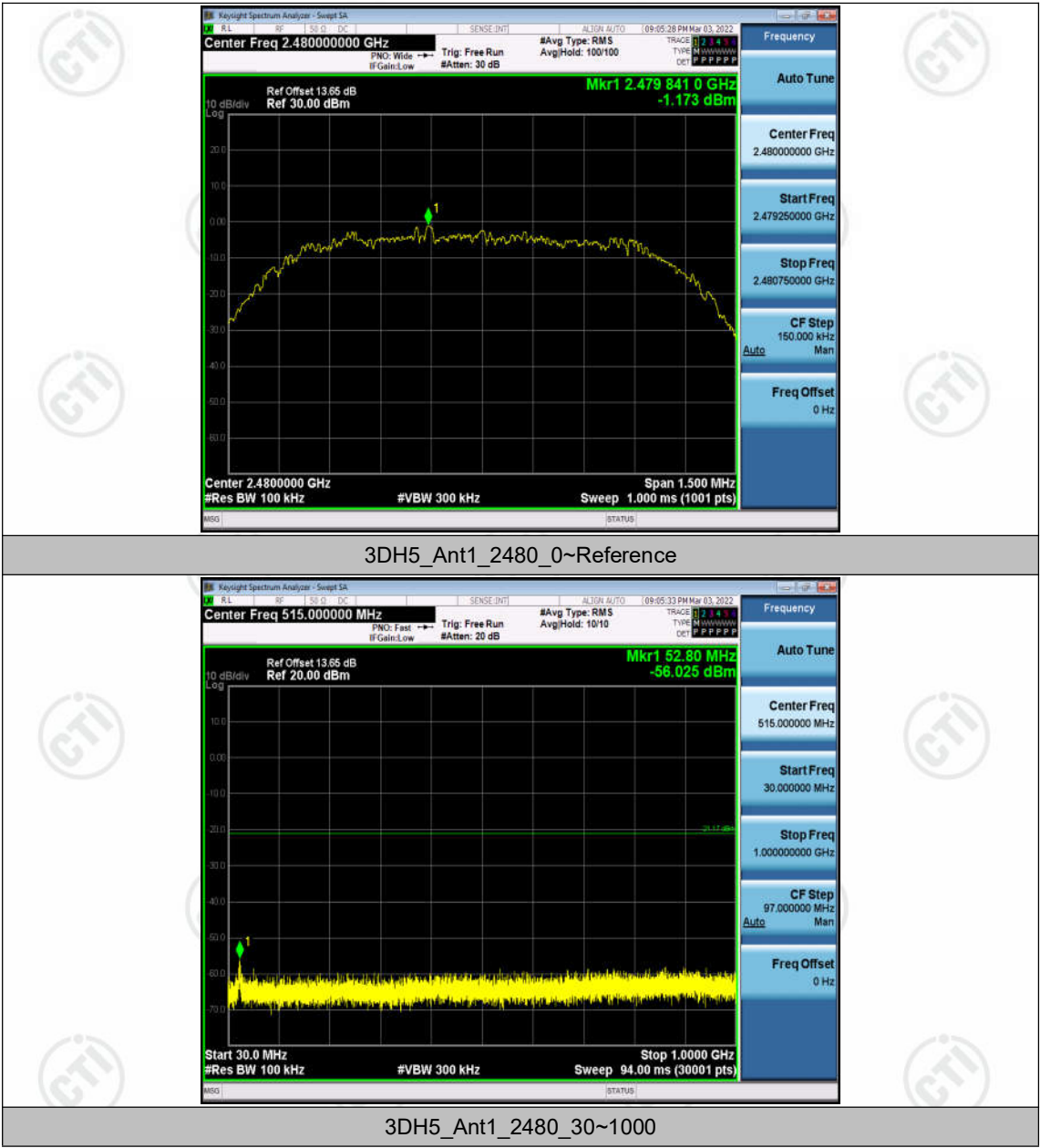


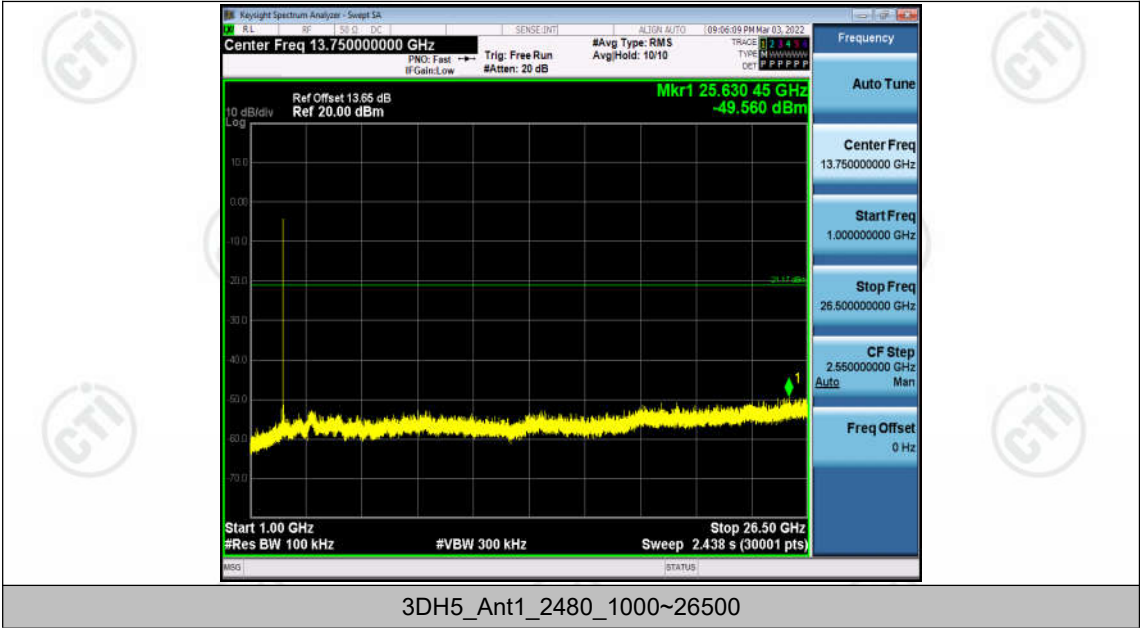










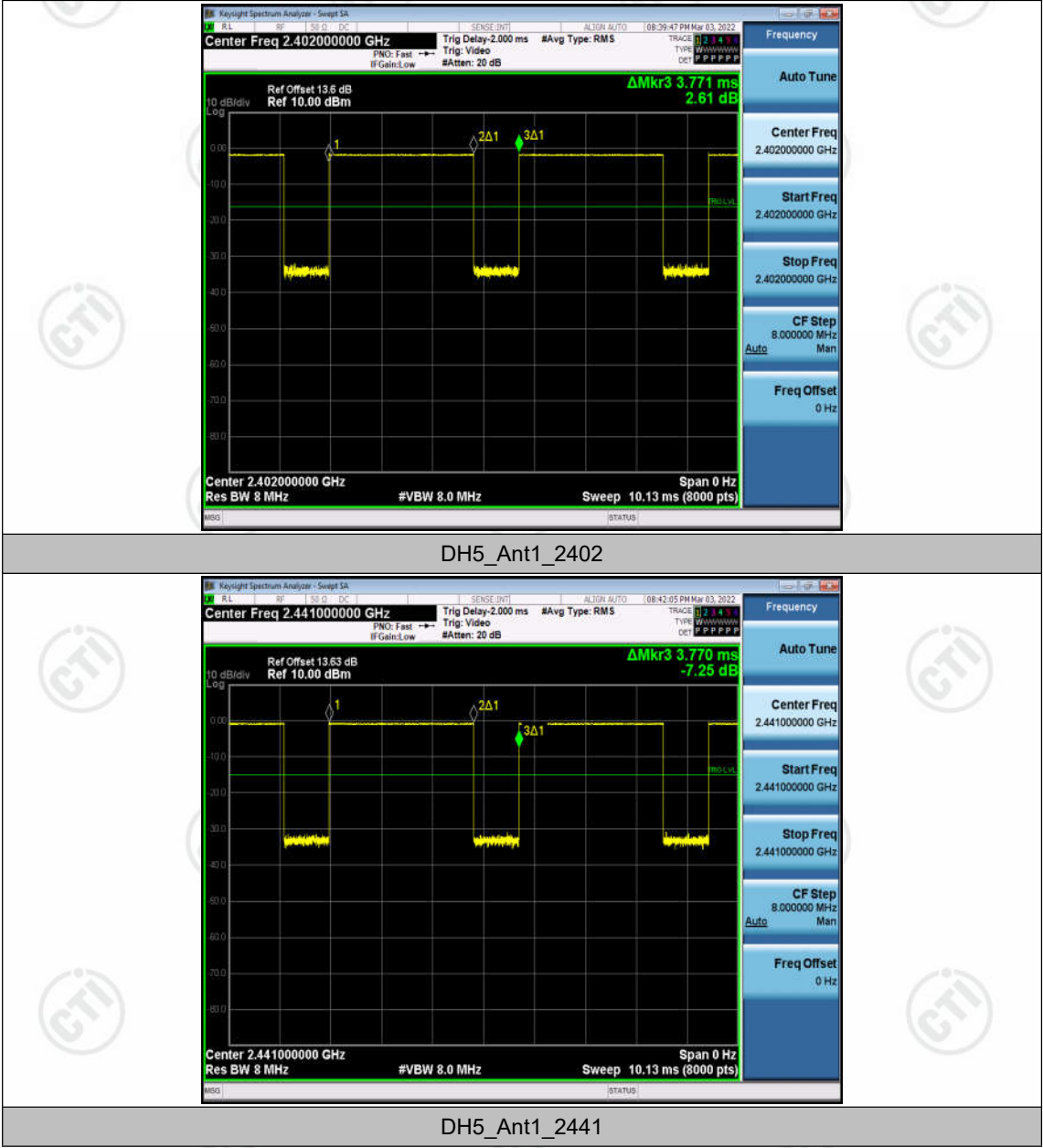


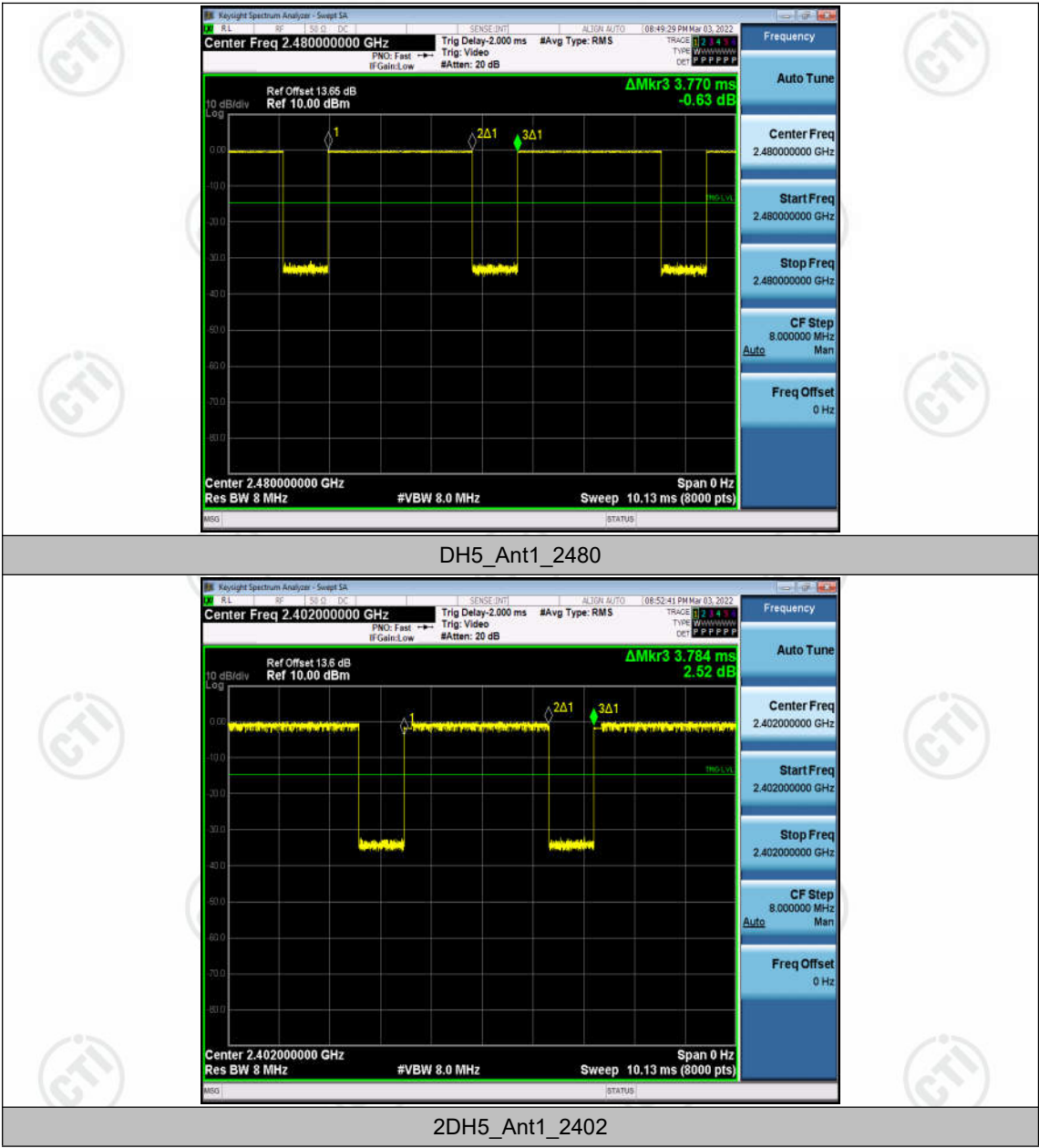
AppendixI: DutyCycle

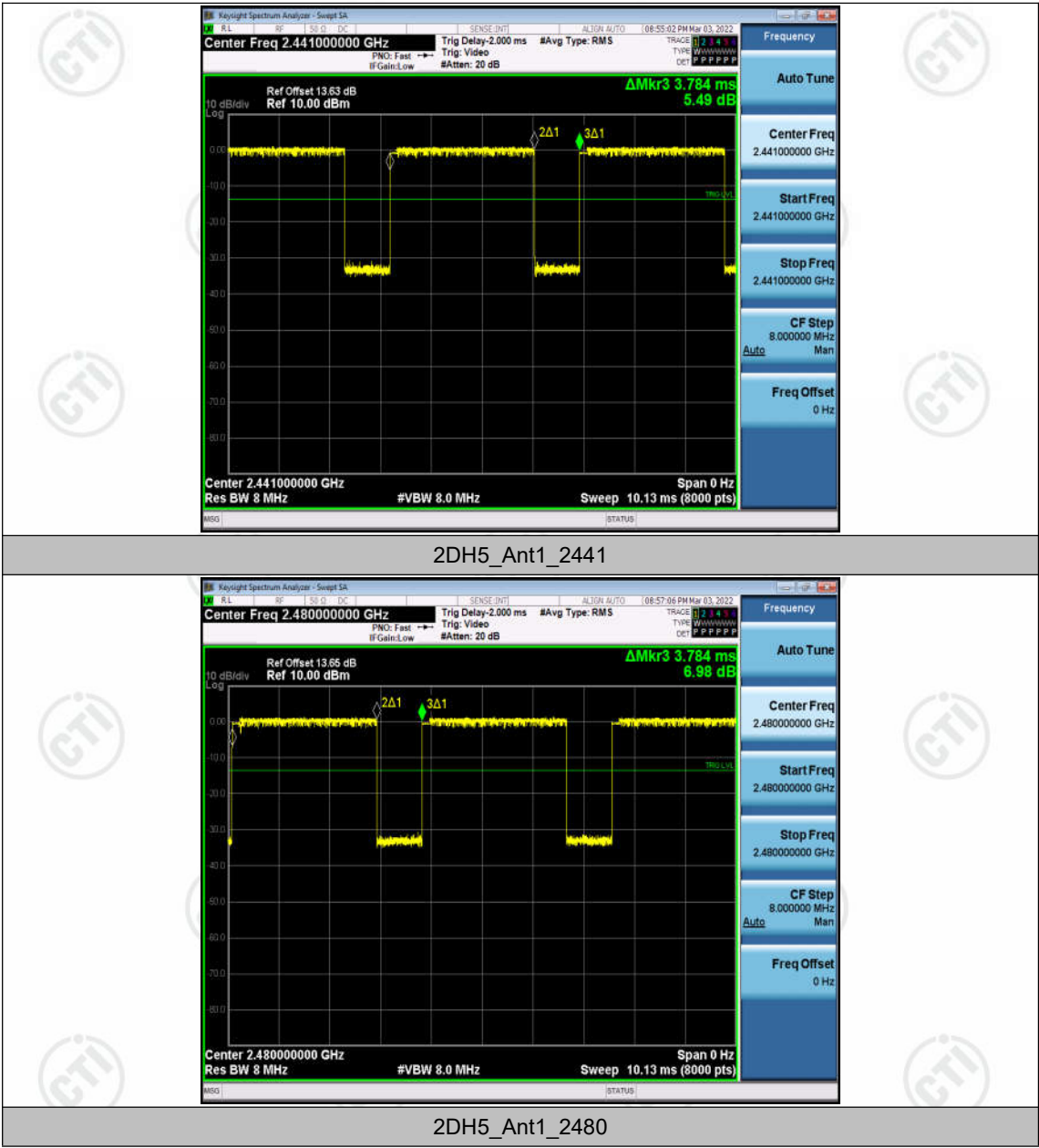
Test Result

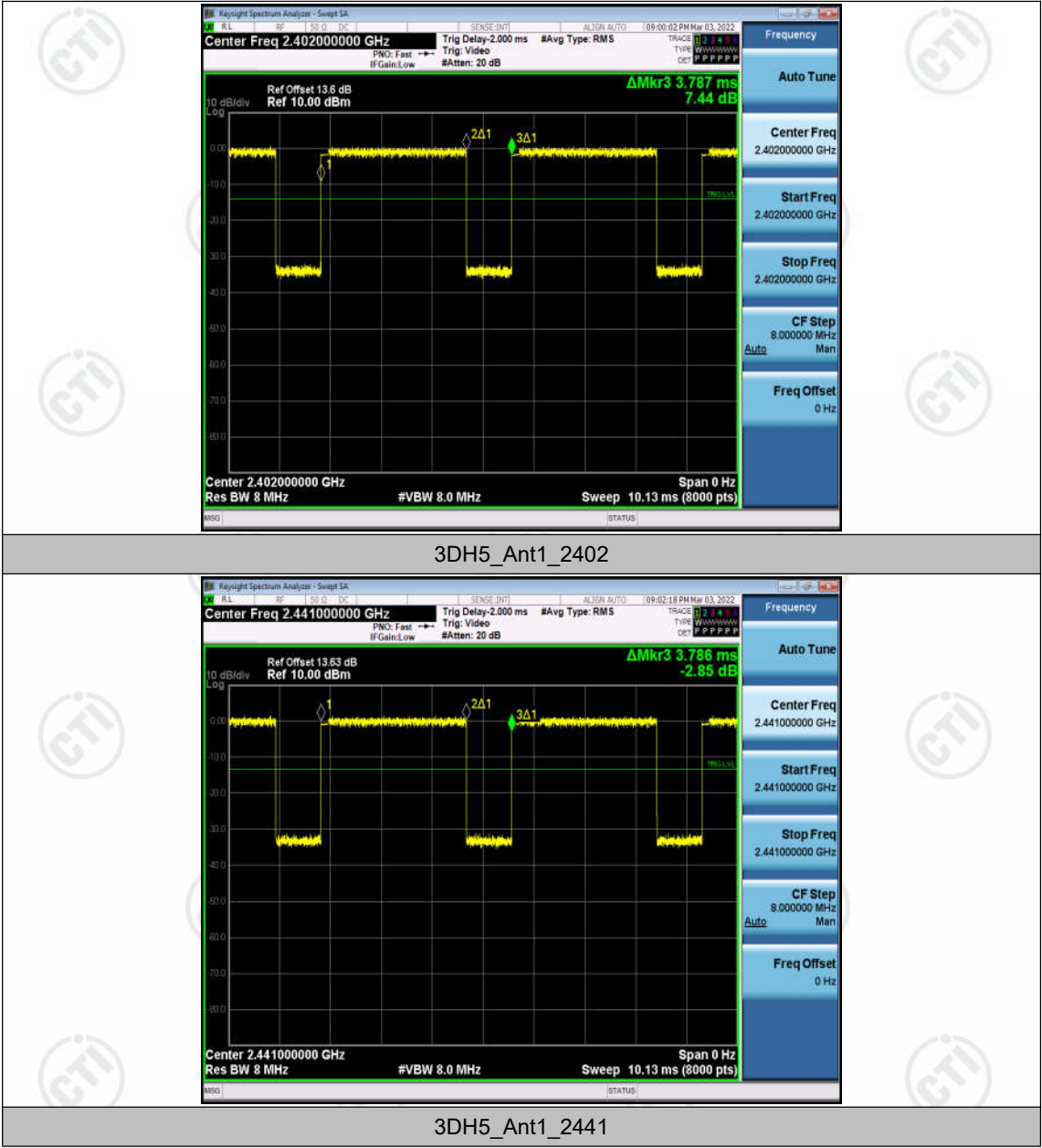
TestMode	Antenna	Channel	TransmissionDuration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
DH5	Ant1	2402	2.87	3.77	76.05	---	PASS
		2441	2.87	3.77	76.08	---	PASS
		2480	2.87	3.77	76.08	---	PASS
2DH5	Ant1	2402	2.88	3.78	76.13	---	PASS
		2441	2.88	3.78	76.13	---	PASS
		2480	2.88	3.78	76.13	---	PASS
3DH5	Ant1	2402	2.89	3.79	76.19	---	PASS
		2441	2.88	3.79	76.15	---	PASS
		2480	2.89	3.79	76.19	---	PASS

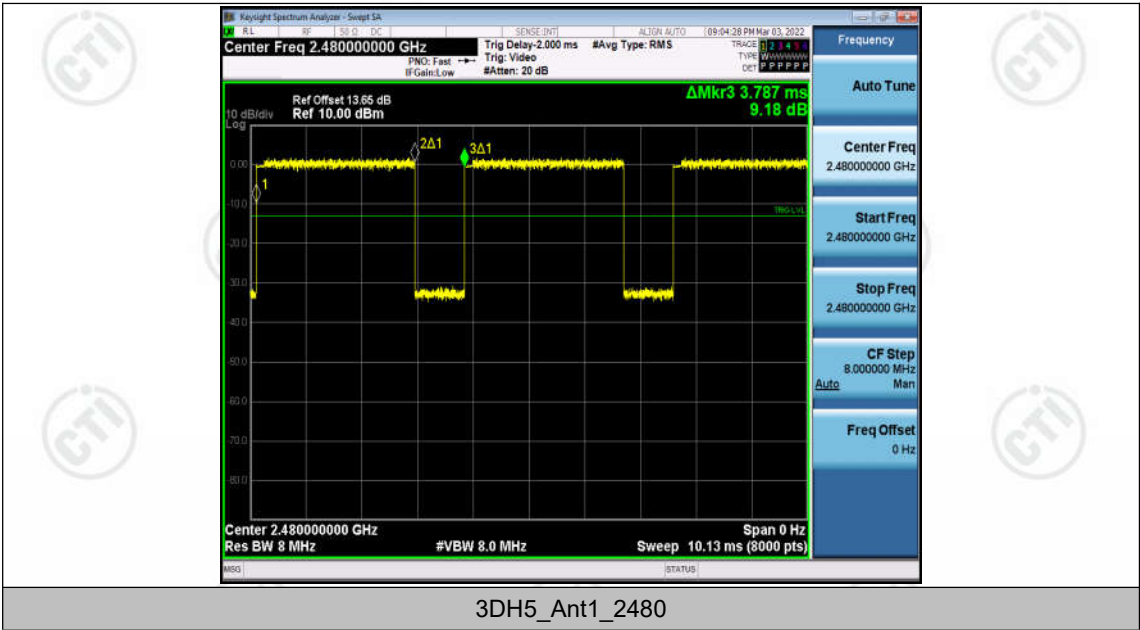
Test Graphs











*** End of Report ***