

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Multi-functional Makeup Mirror

Test Model: SY-W02254

Environmental Conditions

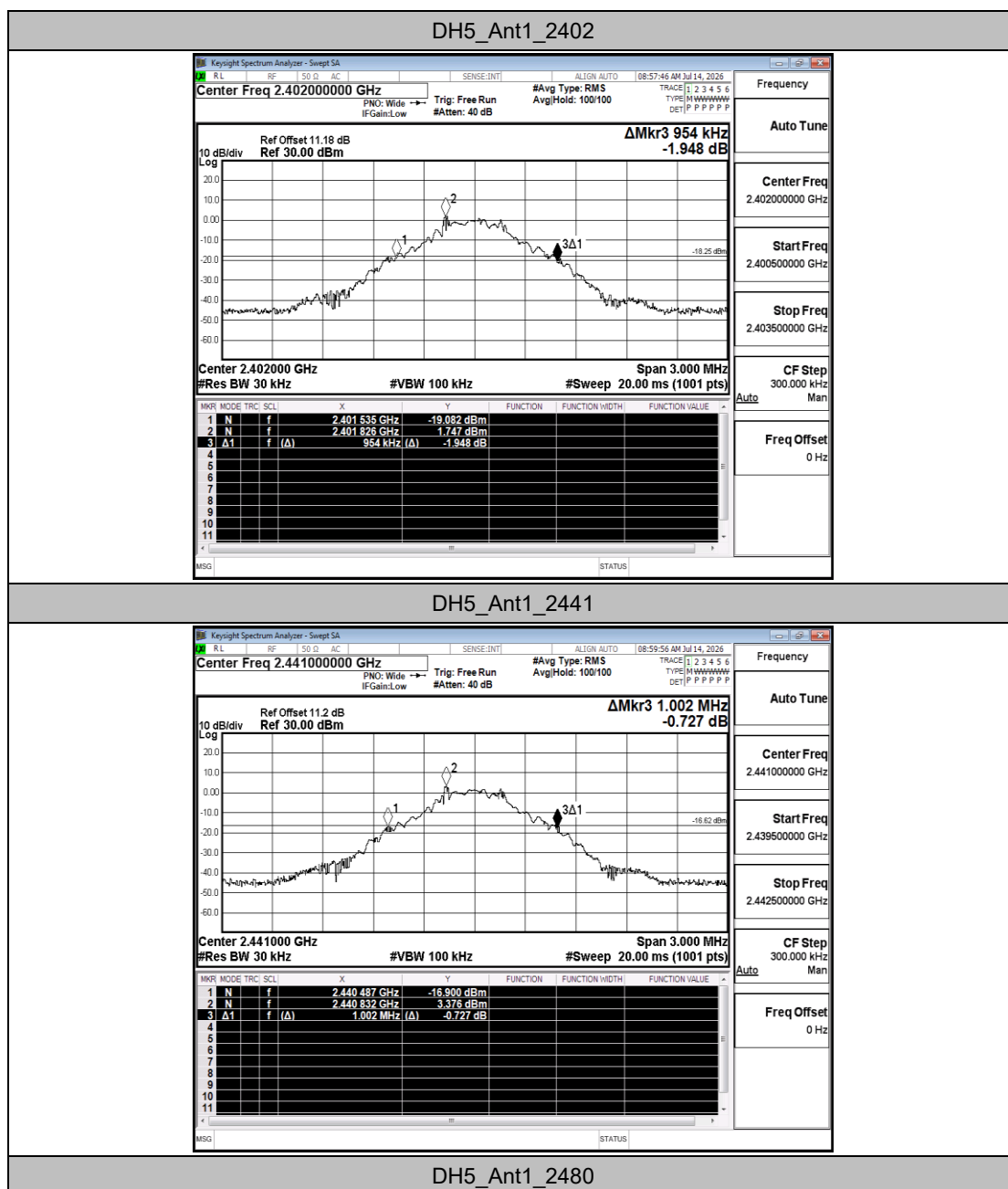
Temperature:	24.4°C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

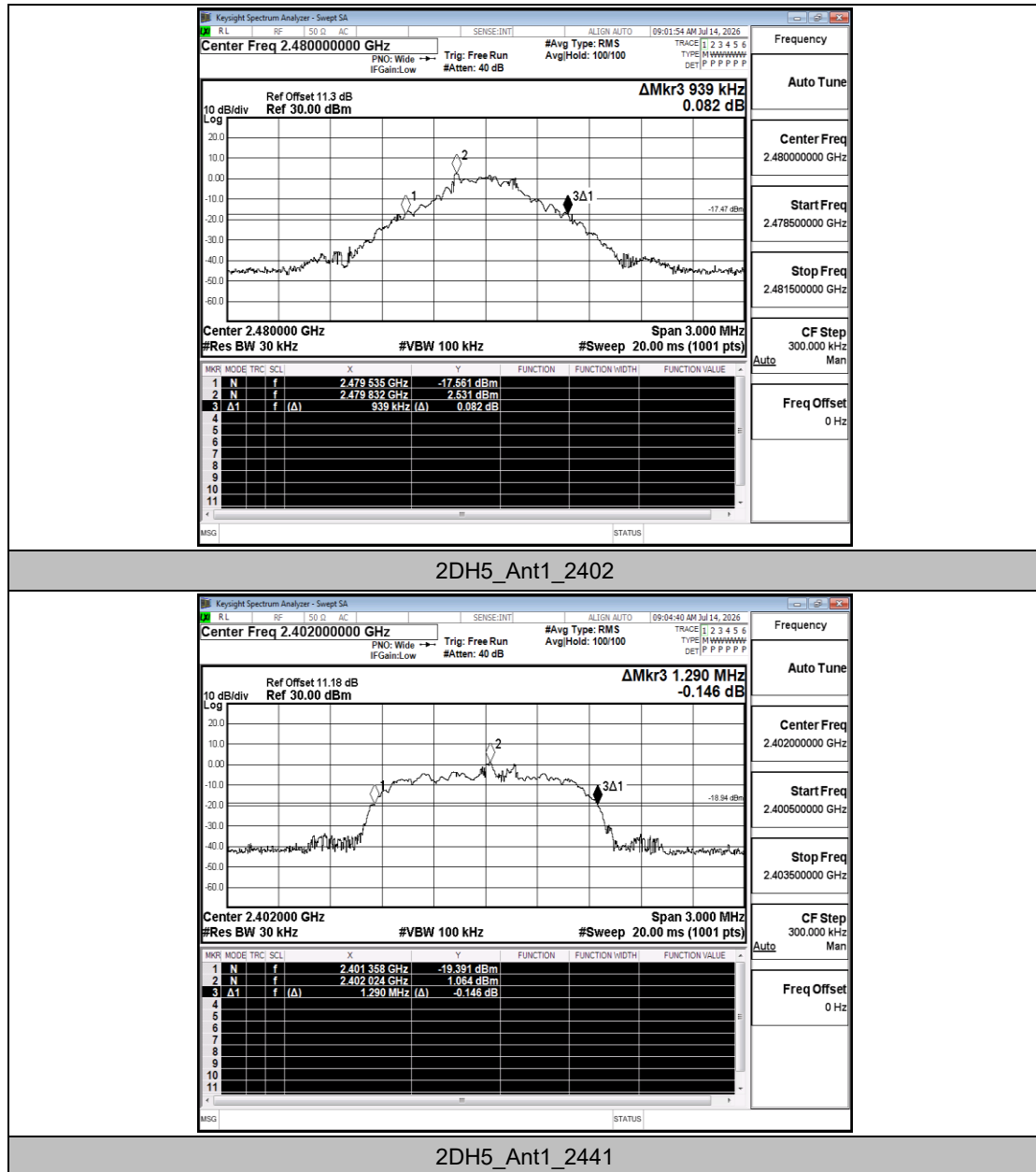
A.1 20dB Emission Bandwidth

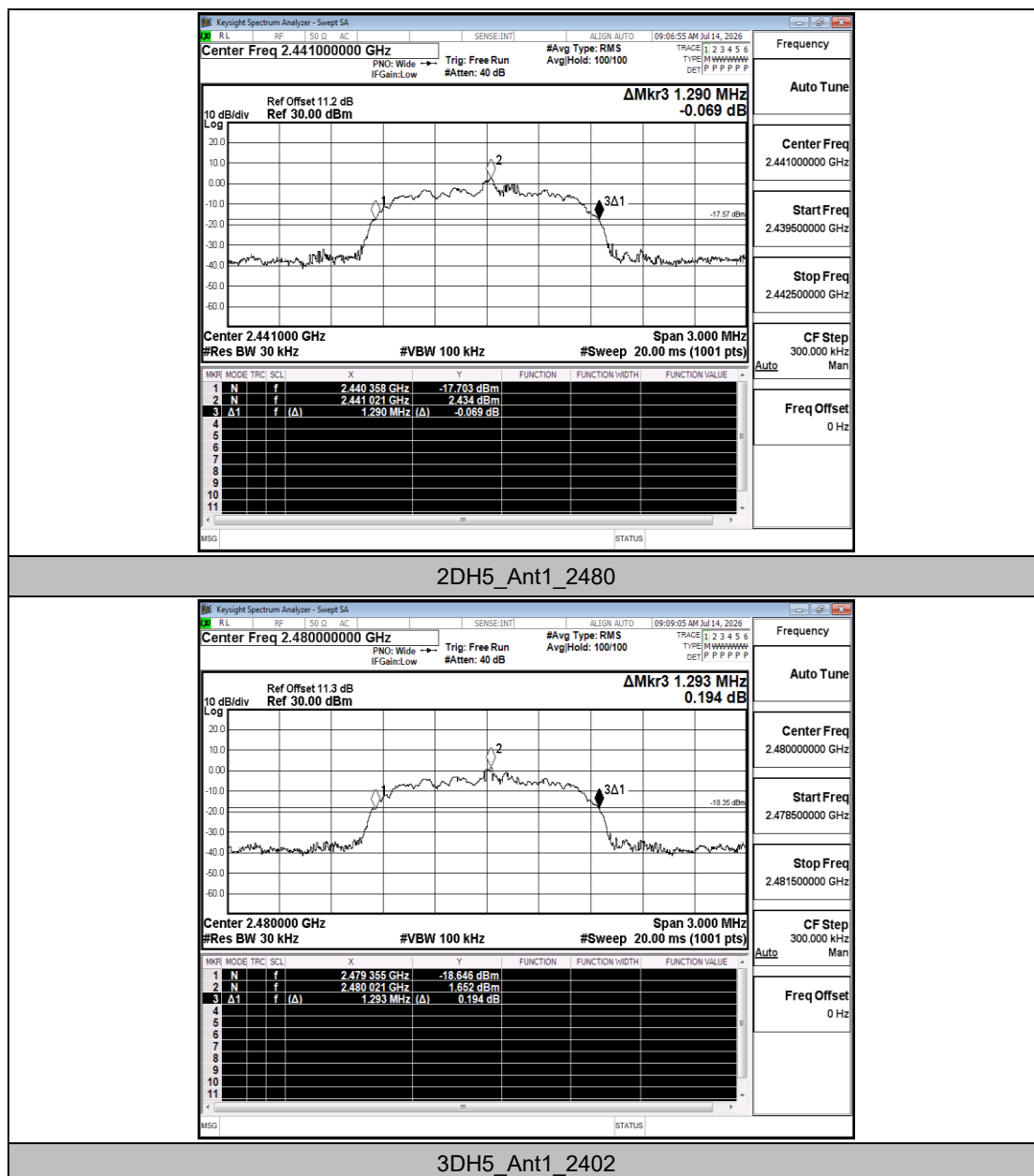
Test Result

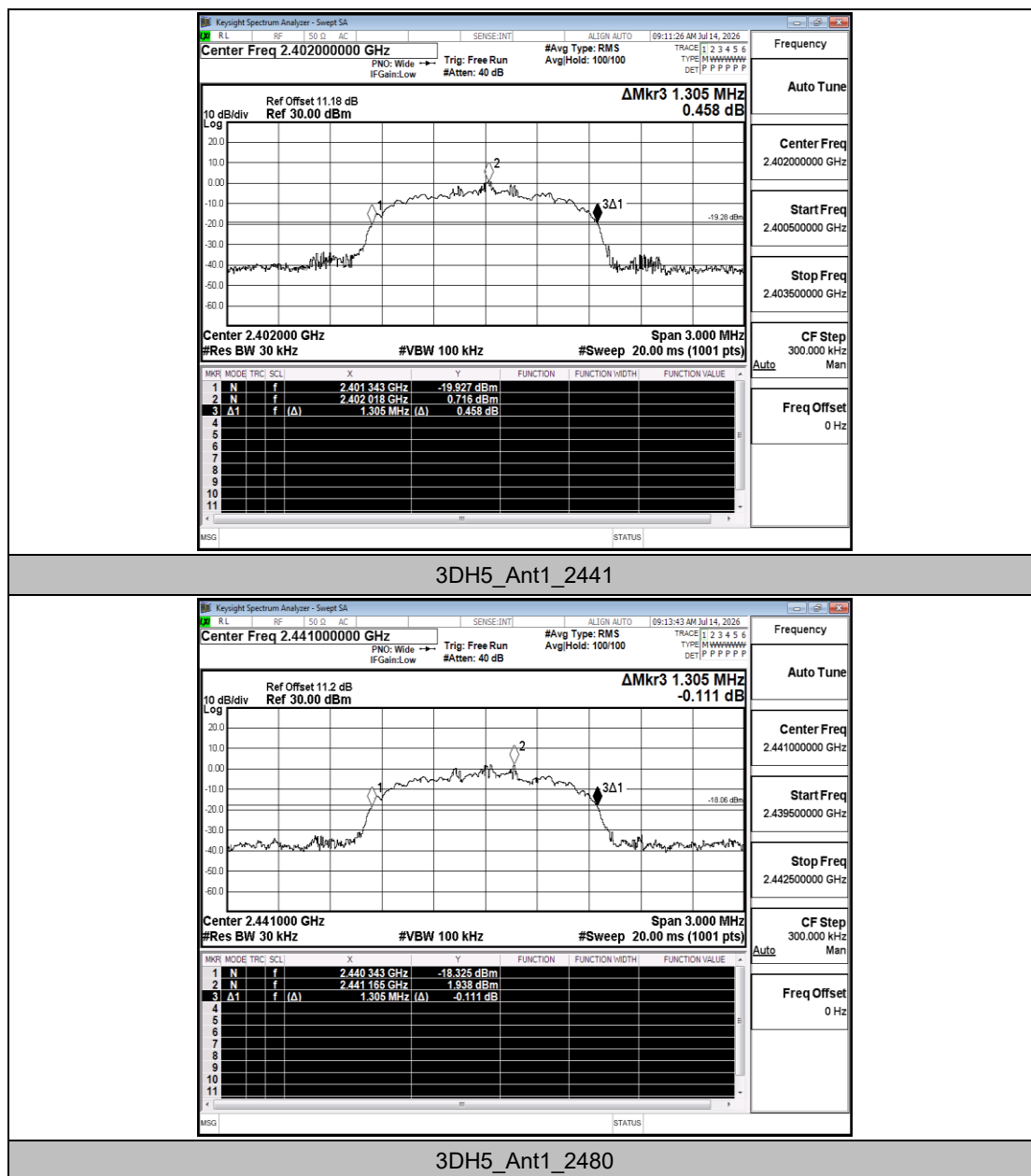
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.954	2401.535	2402.489	---	---
		2441	1.002	2440.487	2441.489	---	---
		2480	0.939	2479.535	2480.474	---	---
2DH5	Ant1	2402	1.290	2401.358	2402.648	---	---
		2441	1.290	2440.358	2441.648	---	---
		2480	1.293	2479.355	2480.648	---	---
3DH5	Ant1	2402	1.305	2401.343	2402.648	---	---
		2441	1.305	2440.343	2441.648	---	---
		2480	1.302	2479.343	2480.645	---	---

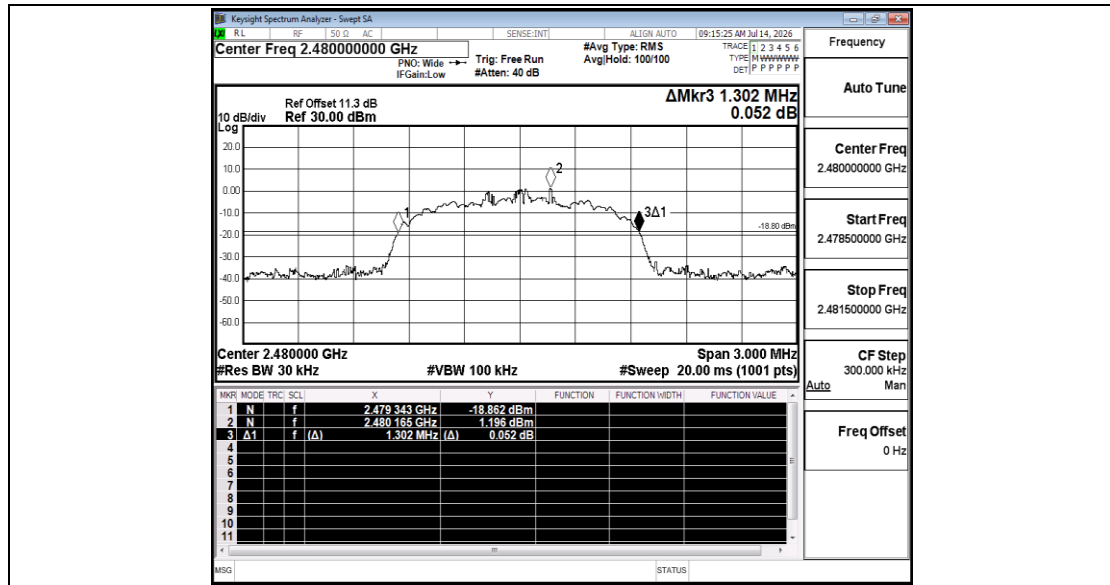
Test Graphs









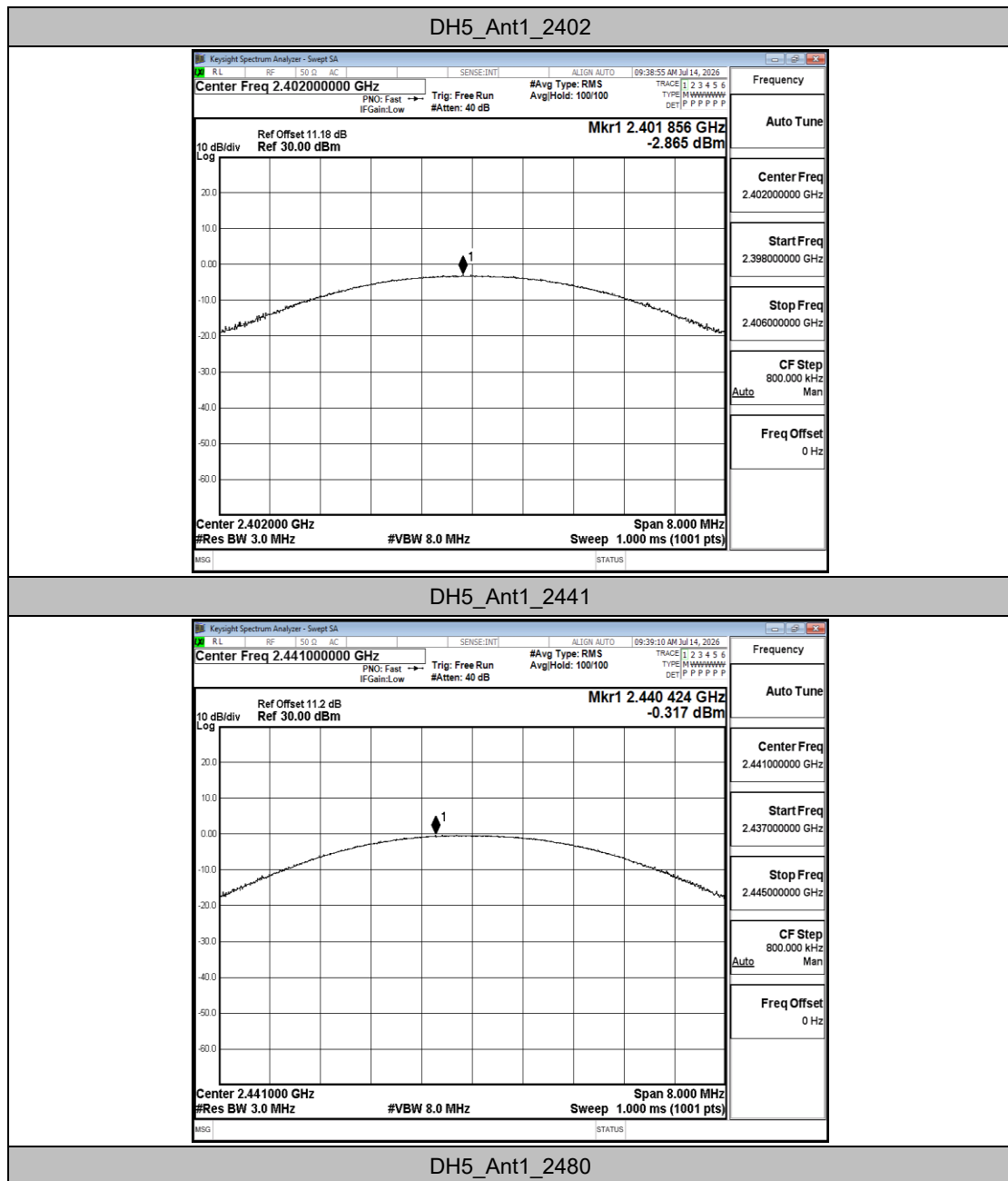


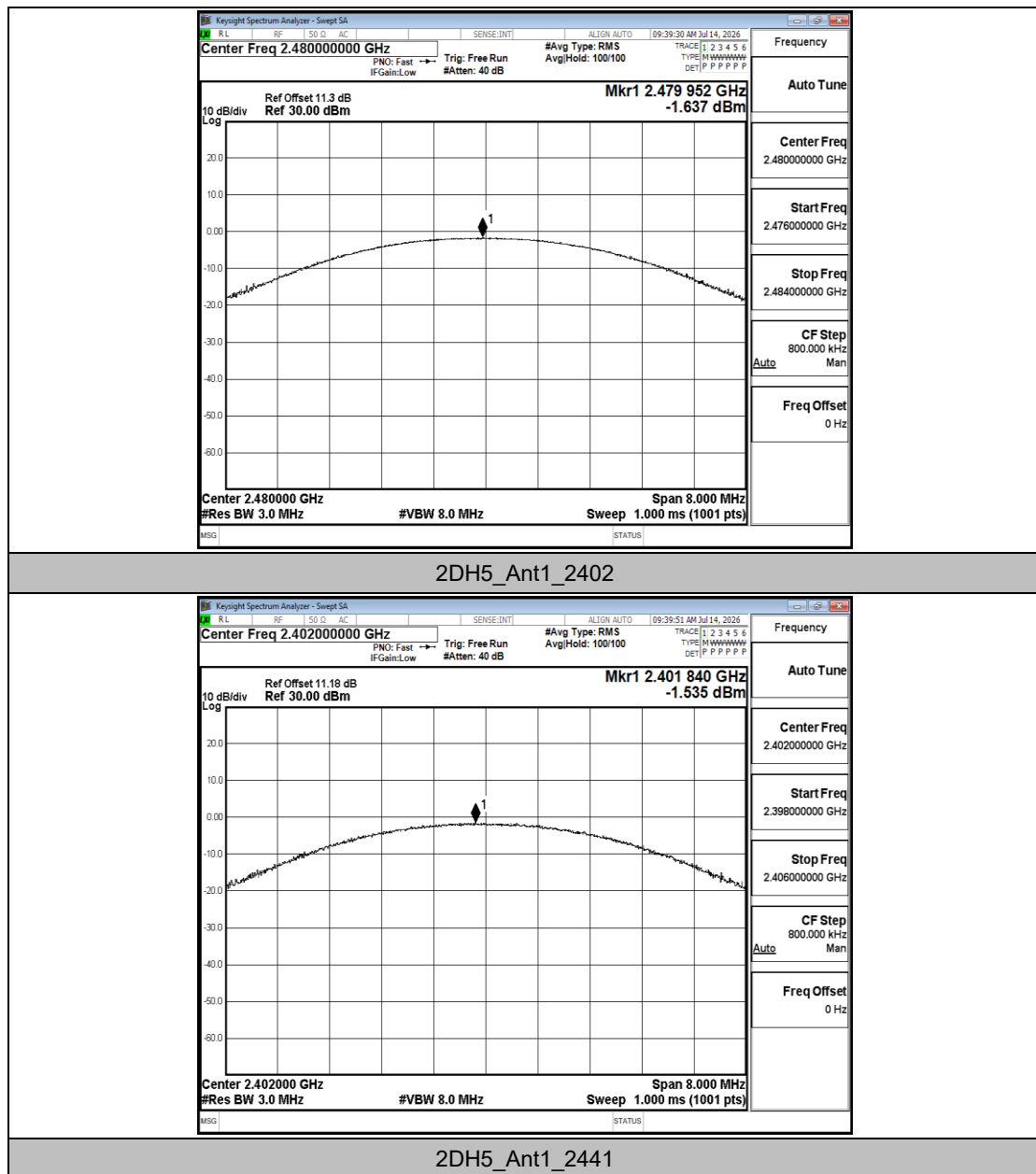
A.2 Maximum Peak conducted output power

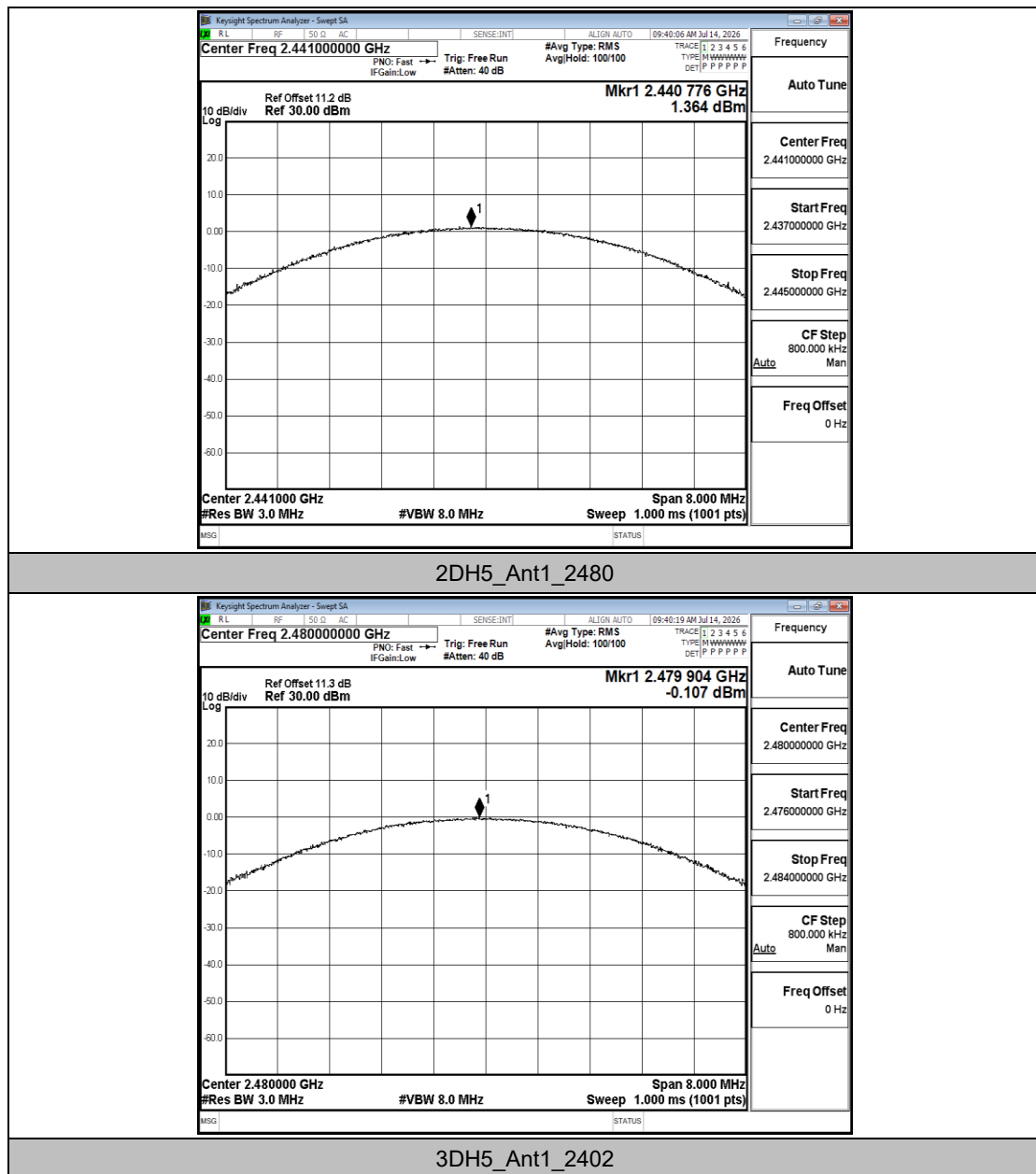
Test Result

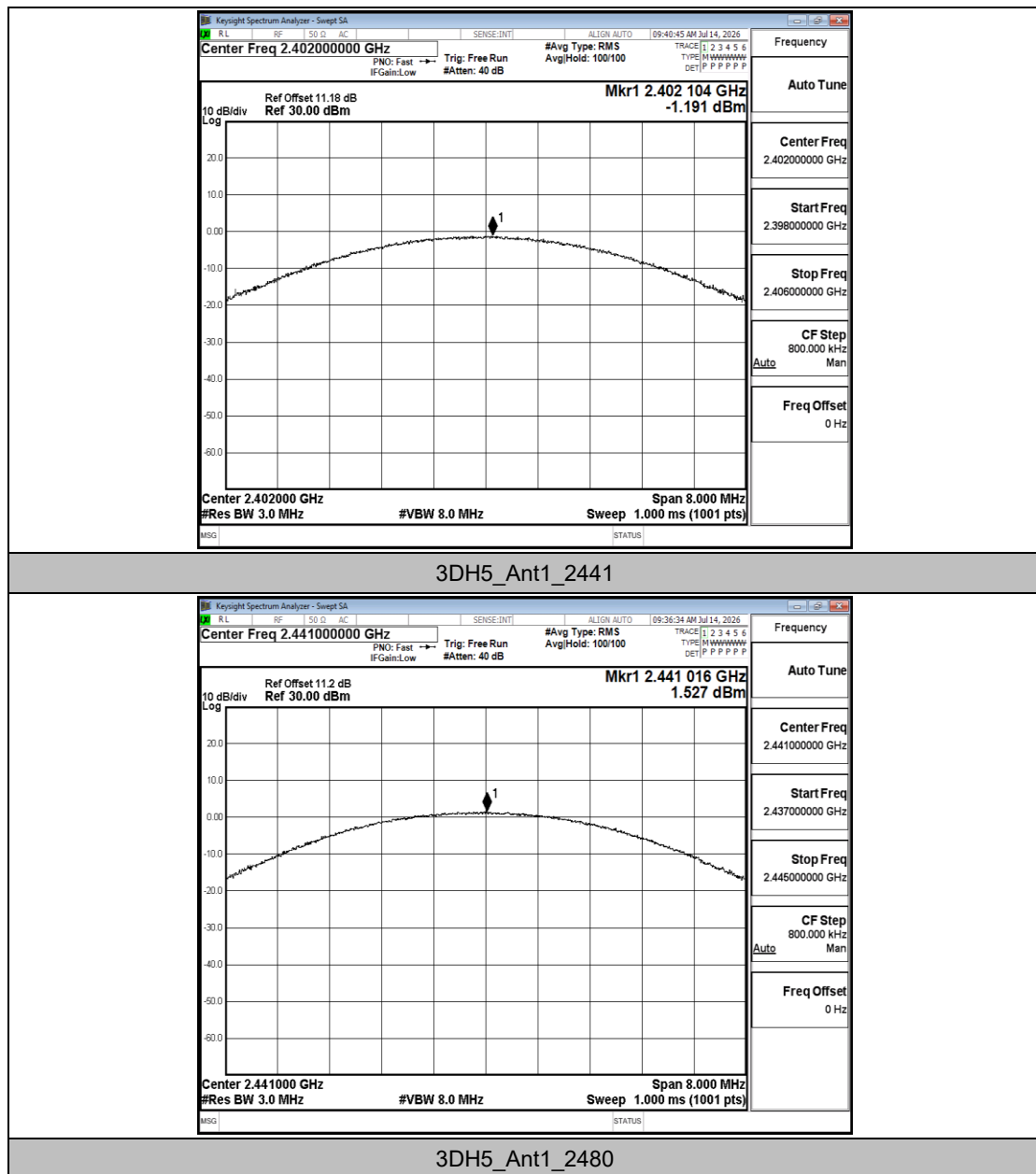
TestMode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.87	≤20.97	PASS
		2441	-0.32	≤20.97	PASS
		2480	-1.64	≤20.97	PASS
2DH5	Ant1	2402	-1.54	≤20.97	PASS
		2441	1.36	≤20.97	PASS
		2480	-0.11	≤20.97	PASS
3DH5	Ant1	2402	-1.19	≤20.97	PASS
		2441	1.53	≤20.97	PASS
		2480	0.22	≤20.97	PASS

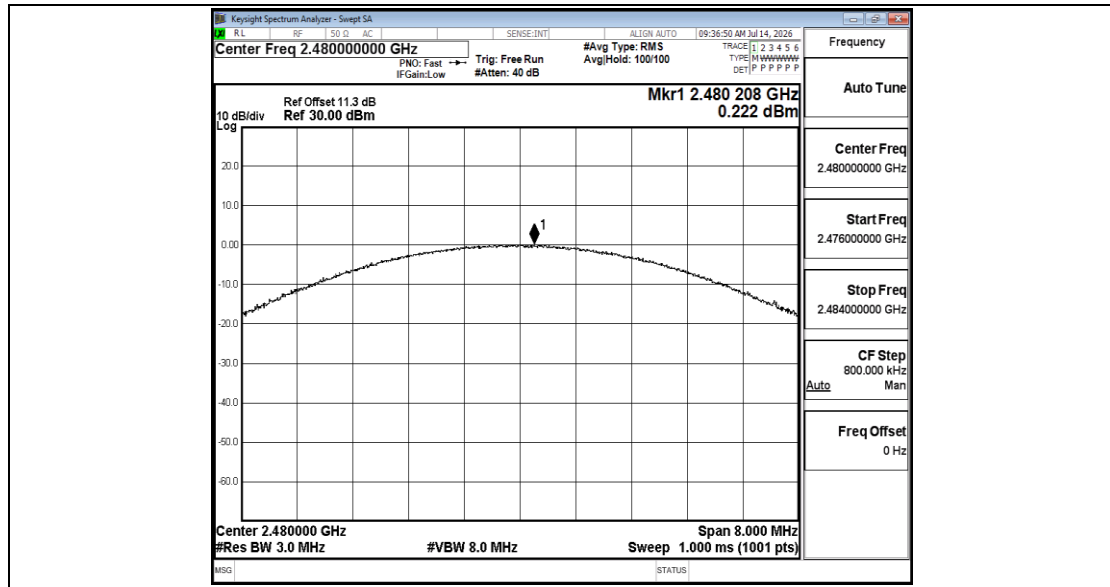
Test Graphs









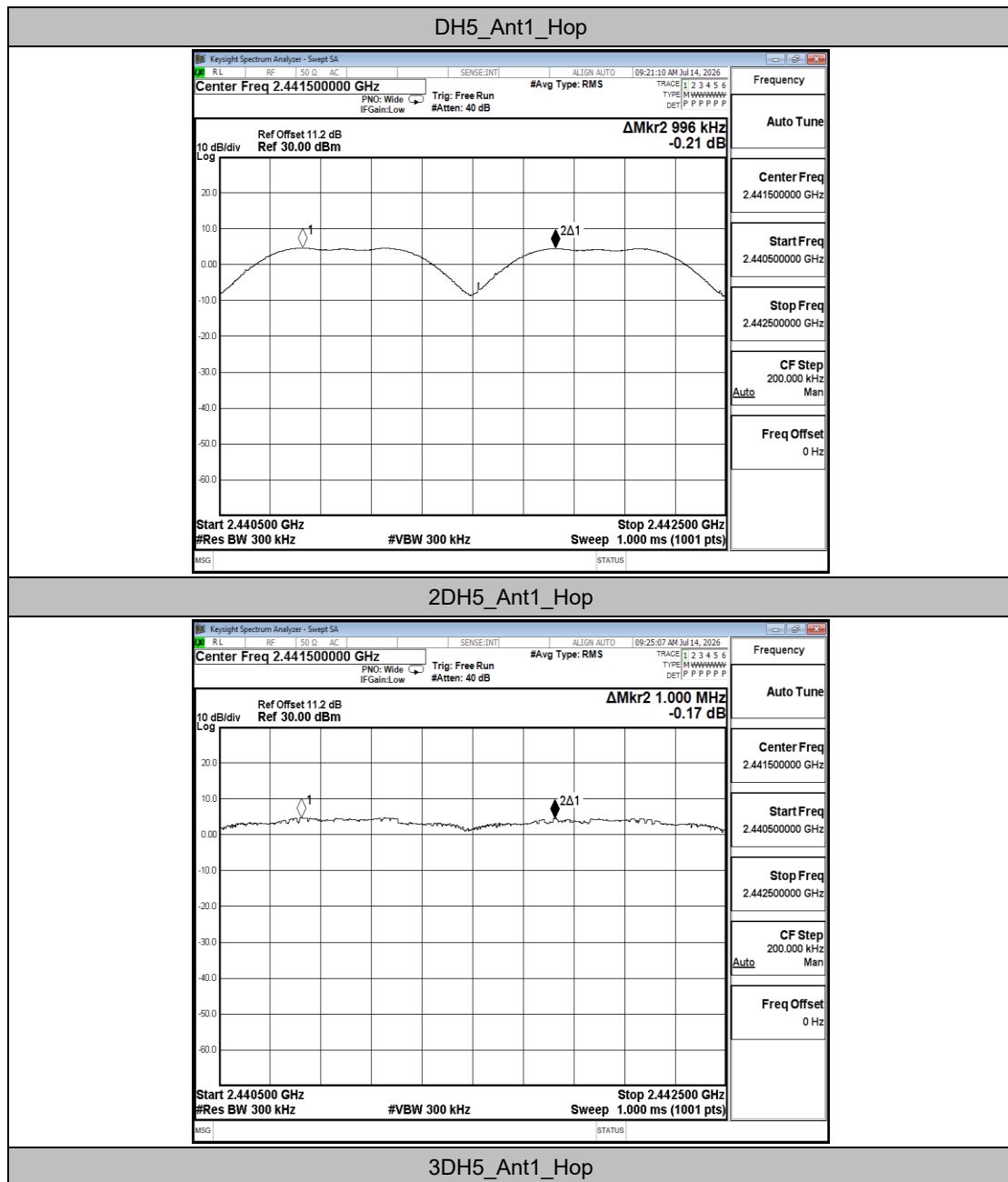


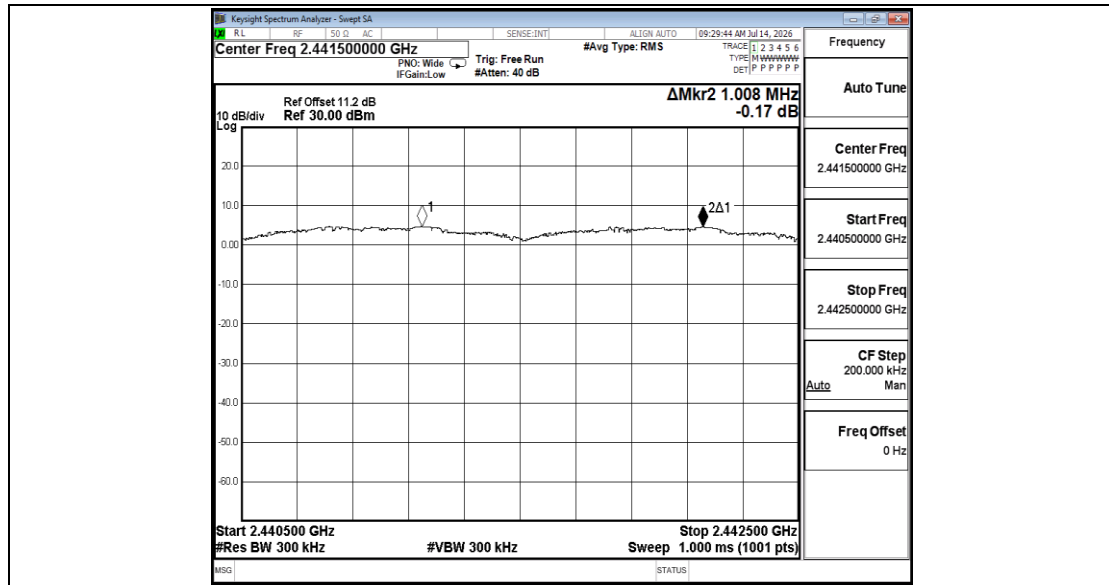
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.668	PASS
2DH5	Ant1	Hop	1	≥ 0.862	PASS
3DH5	Ant1	Hop	1.008	≥ 0.870	PASS

Test Graphs



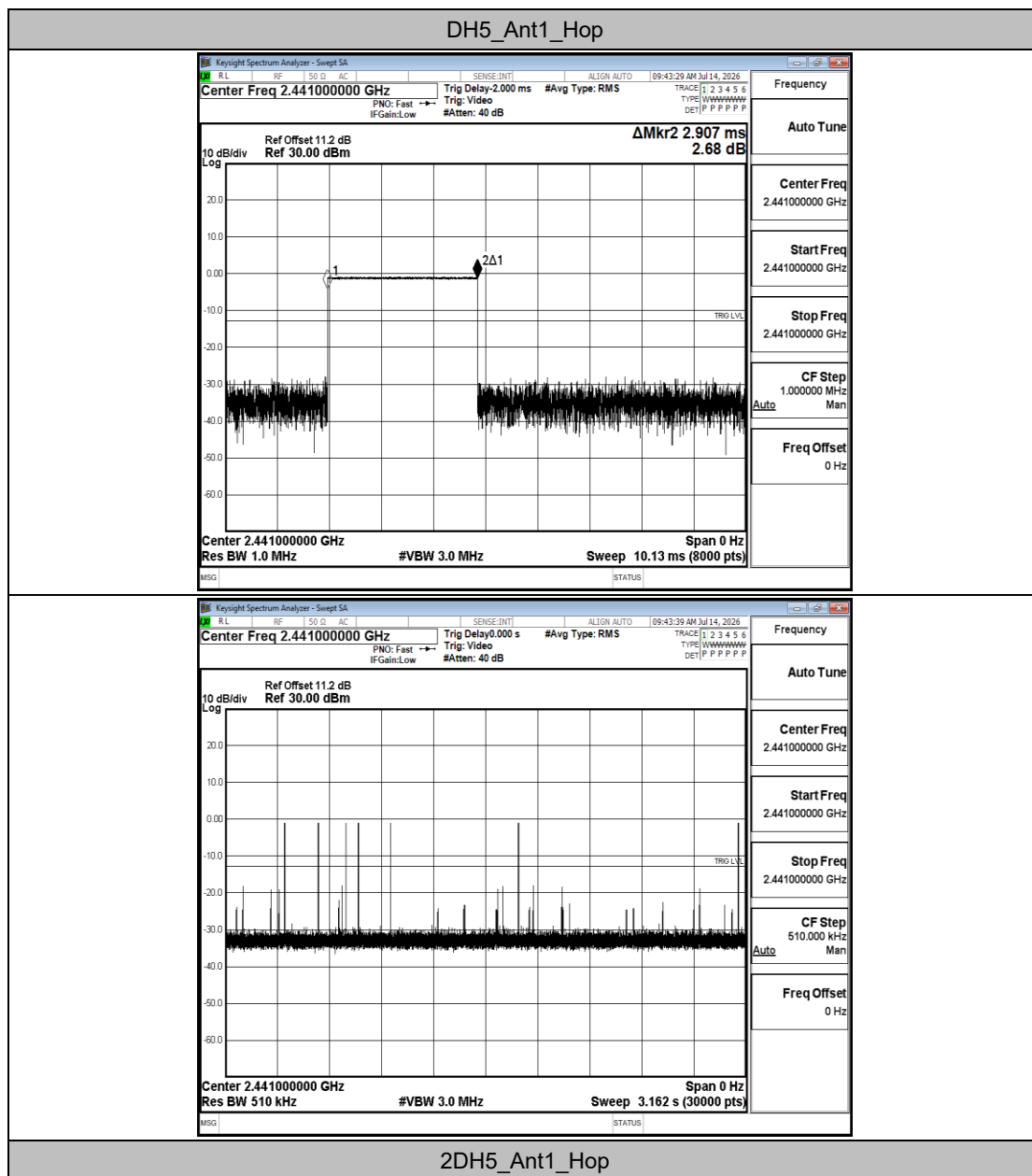


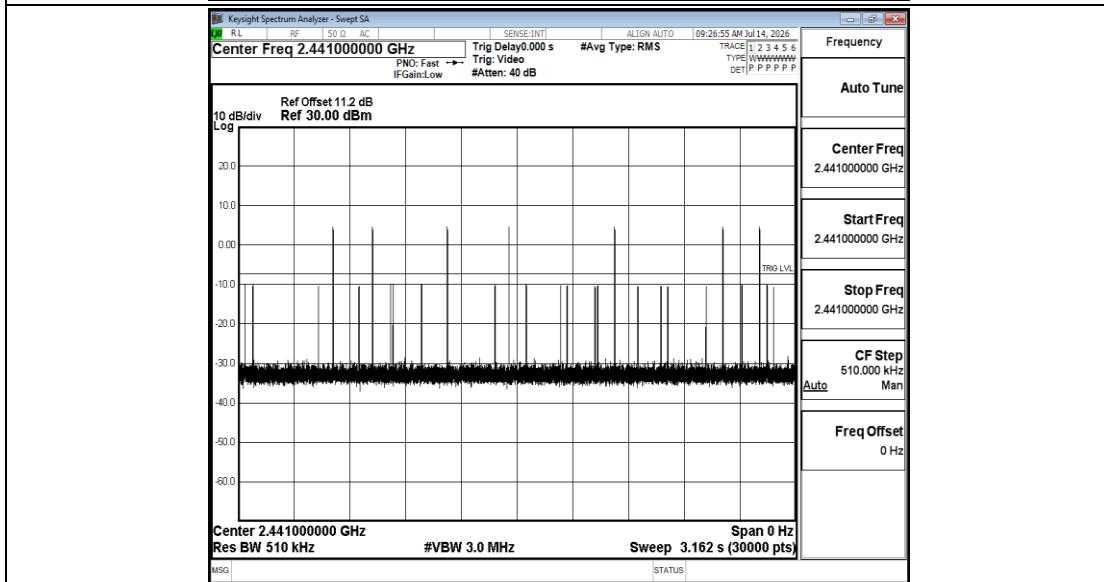
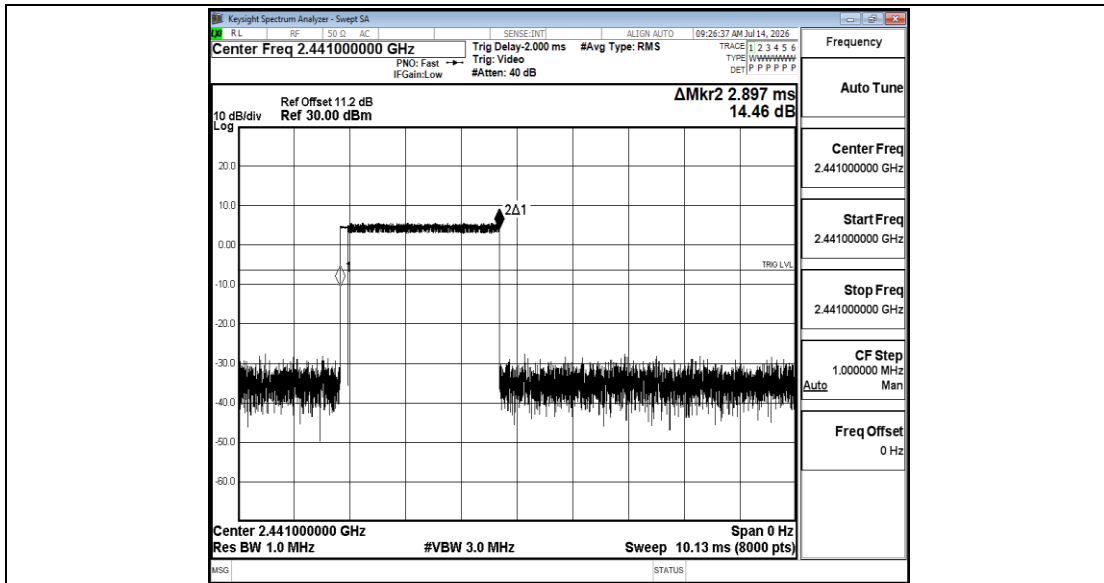
A.4 Time of occupancy

Test Result

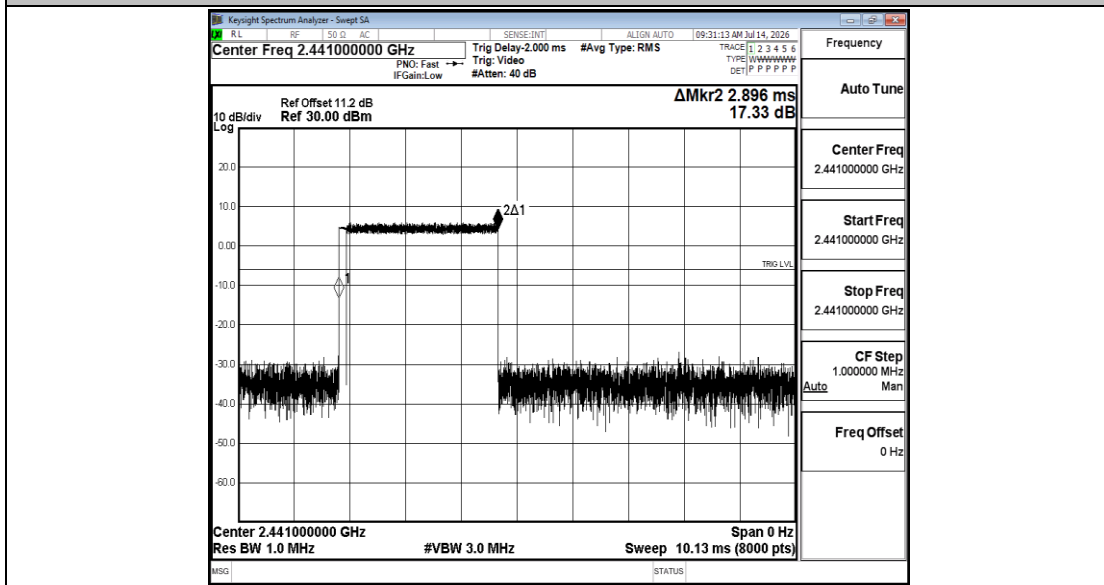
TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.907	90	0.262	≤0.4	PASS
2DH5	Ant1	Hop	2.897	80	0.232	≤0.4	PASS
3DH5	Ant1	Hop	2.896	90	0.261	≤0.4	PASS

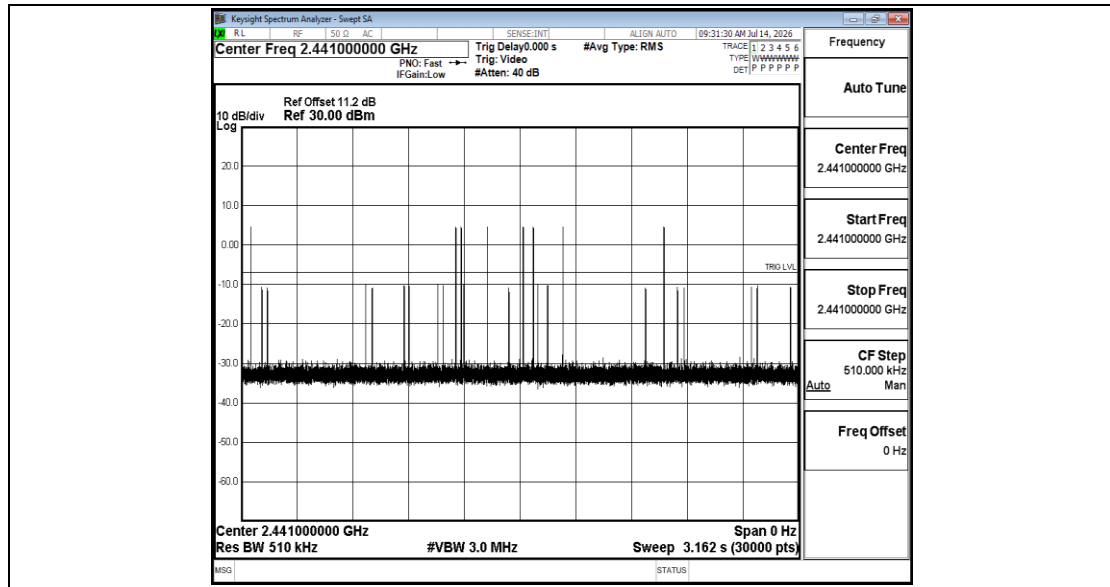
Test Graphs





3DH5_Ant1_Hop



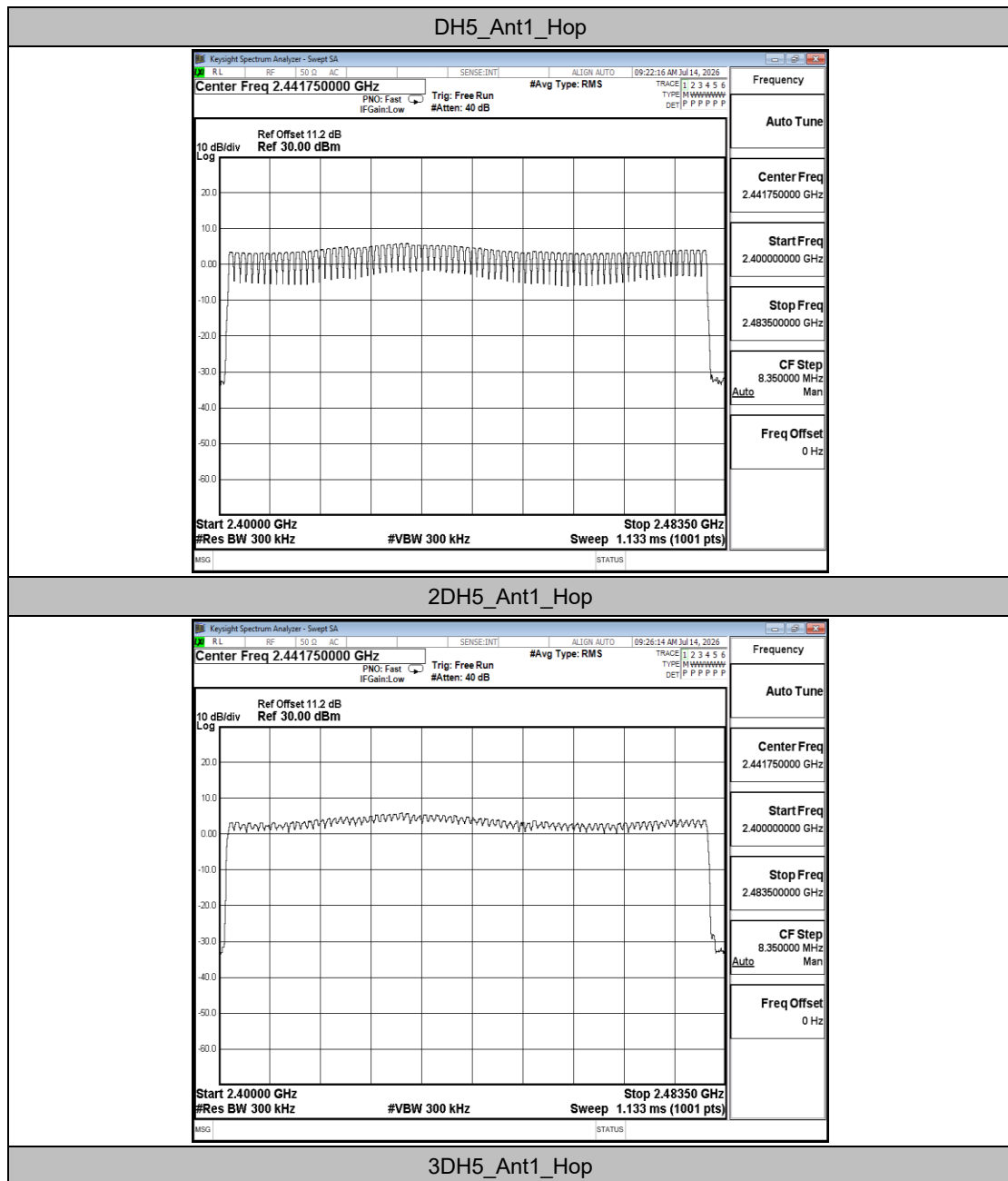


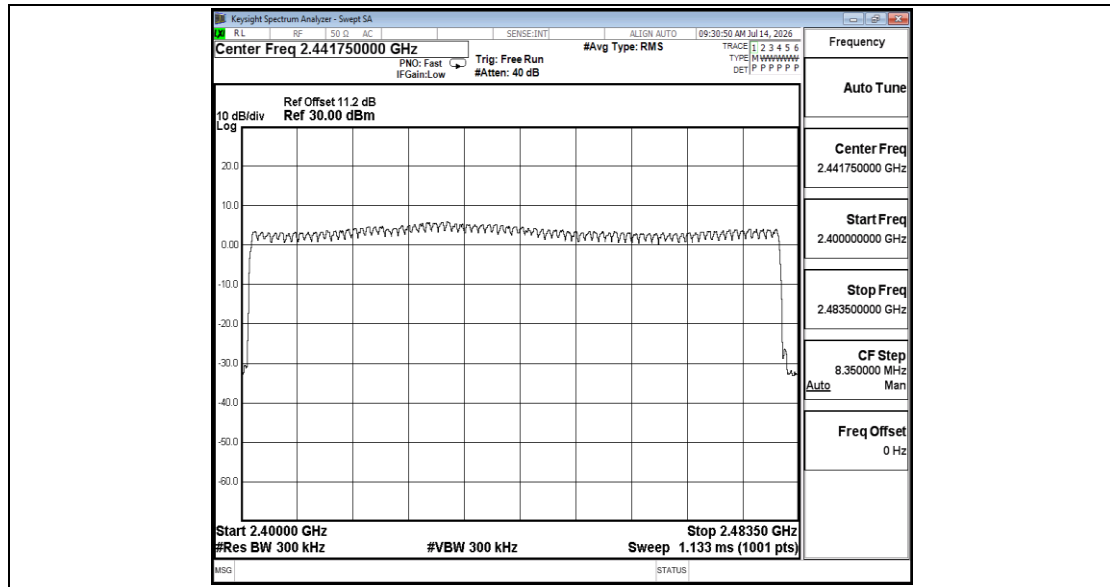
A.5 Number of hopping channels

Test Result

TestMode	Antenna	Freq (MHz)	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



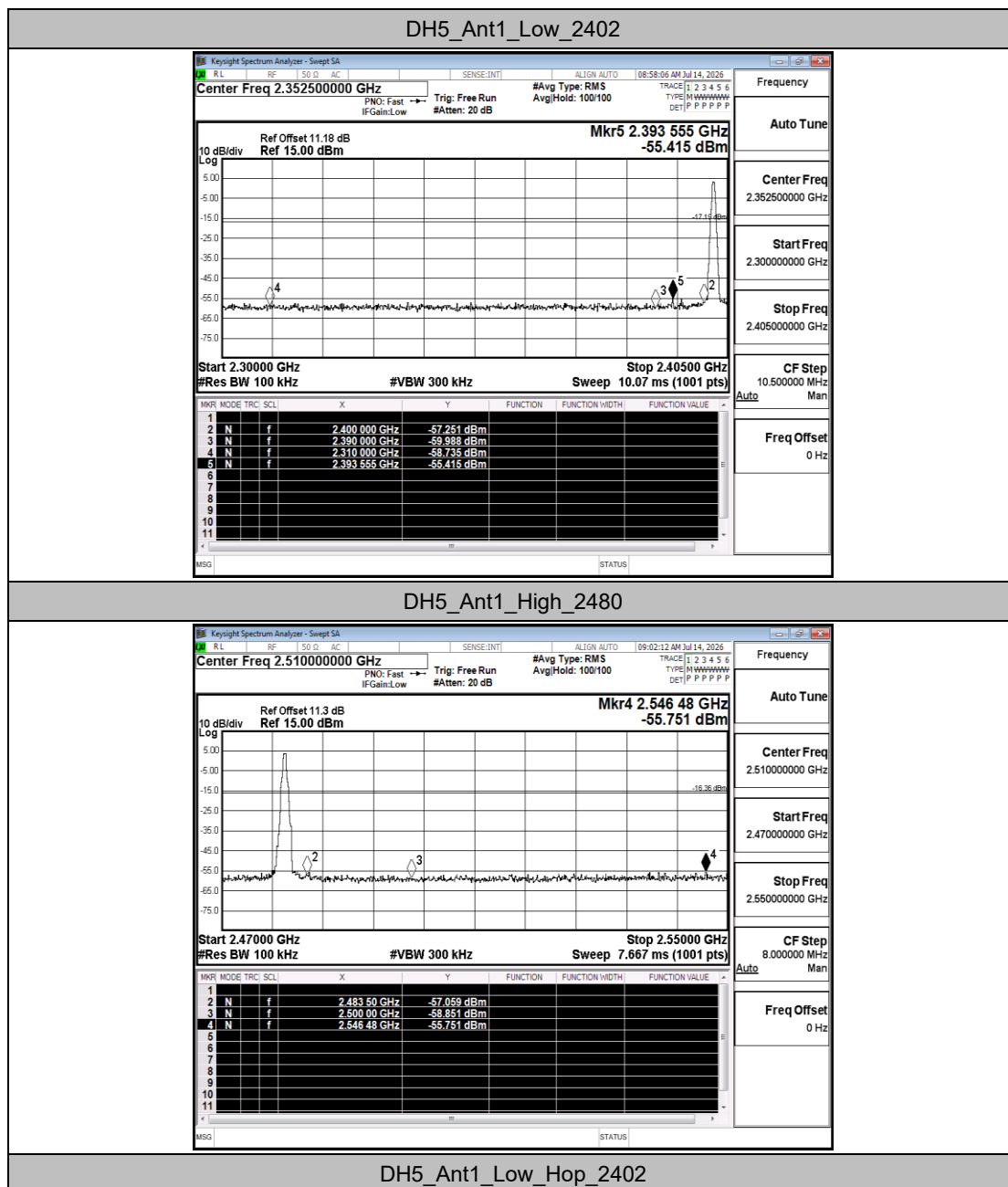


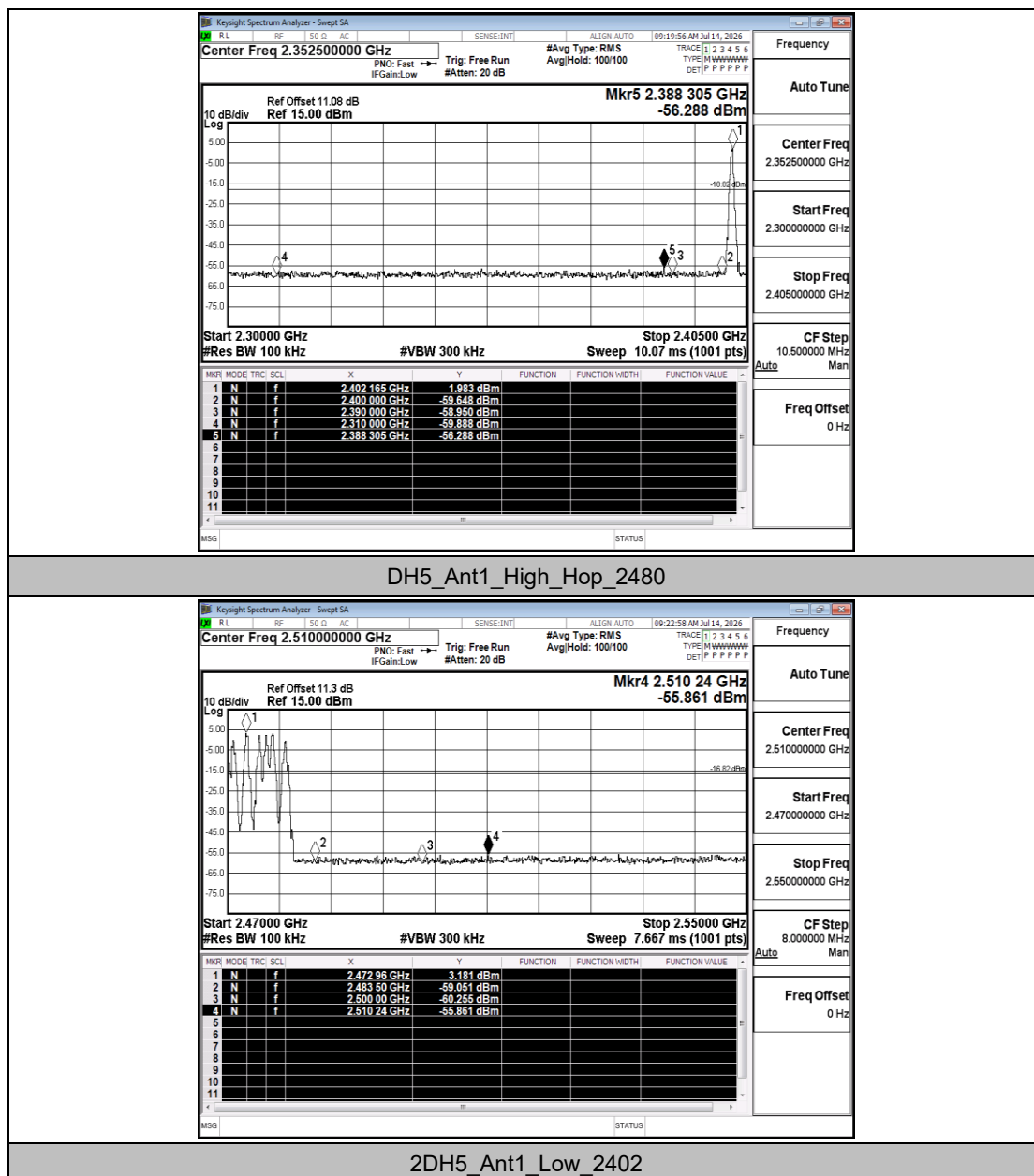
A.6 Band edge measurements

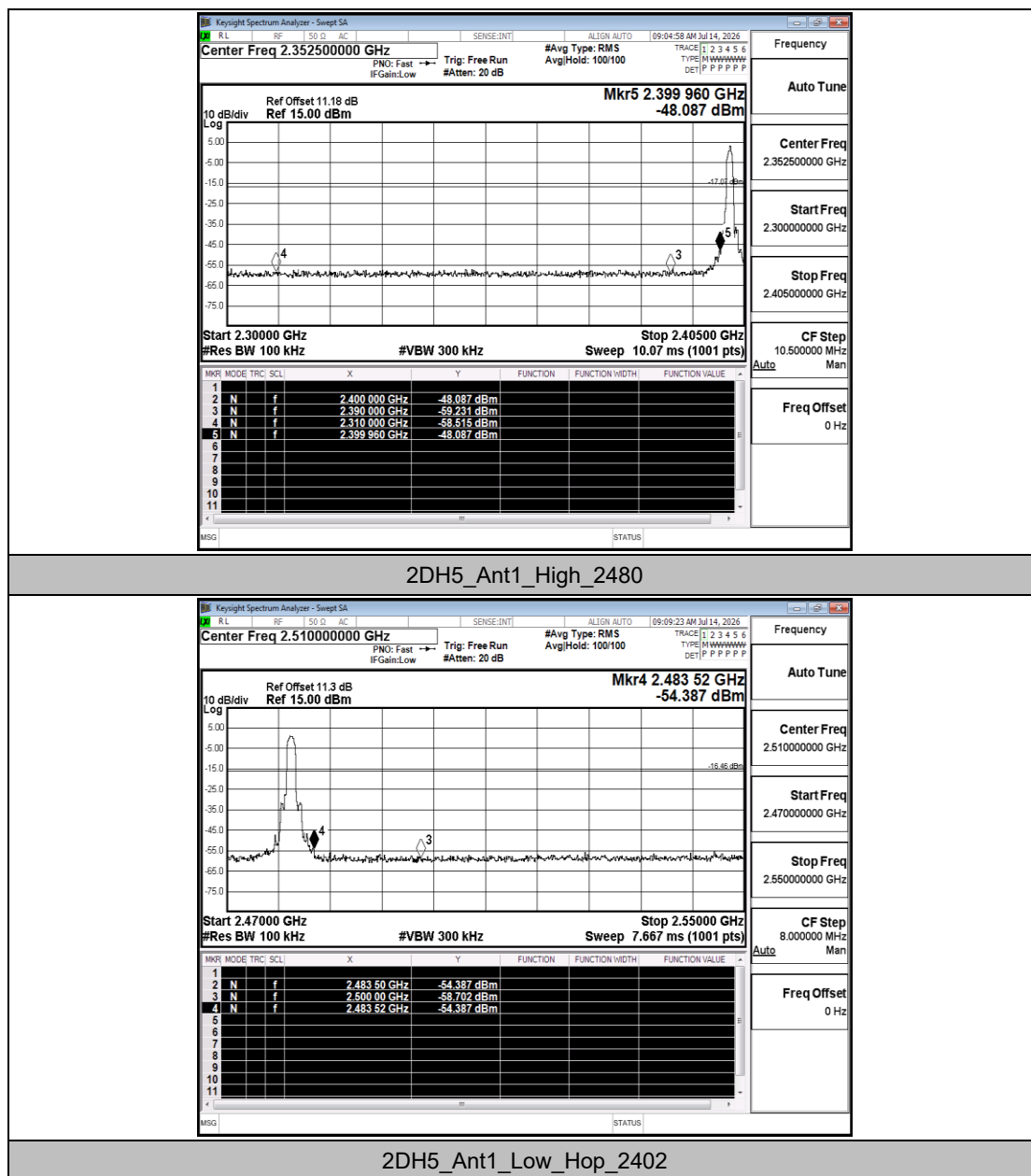
Test Result

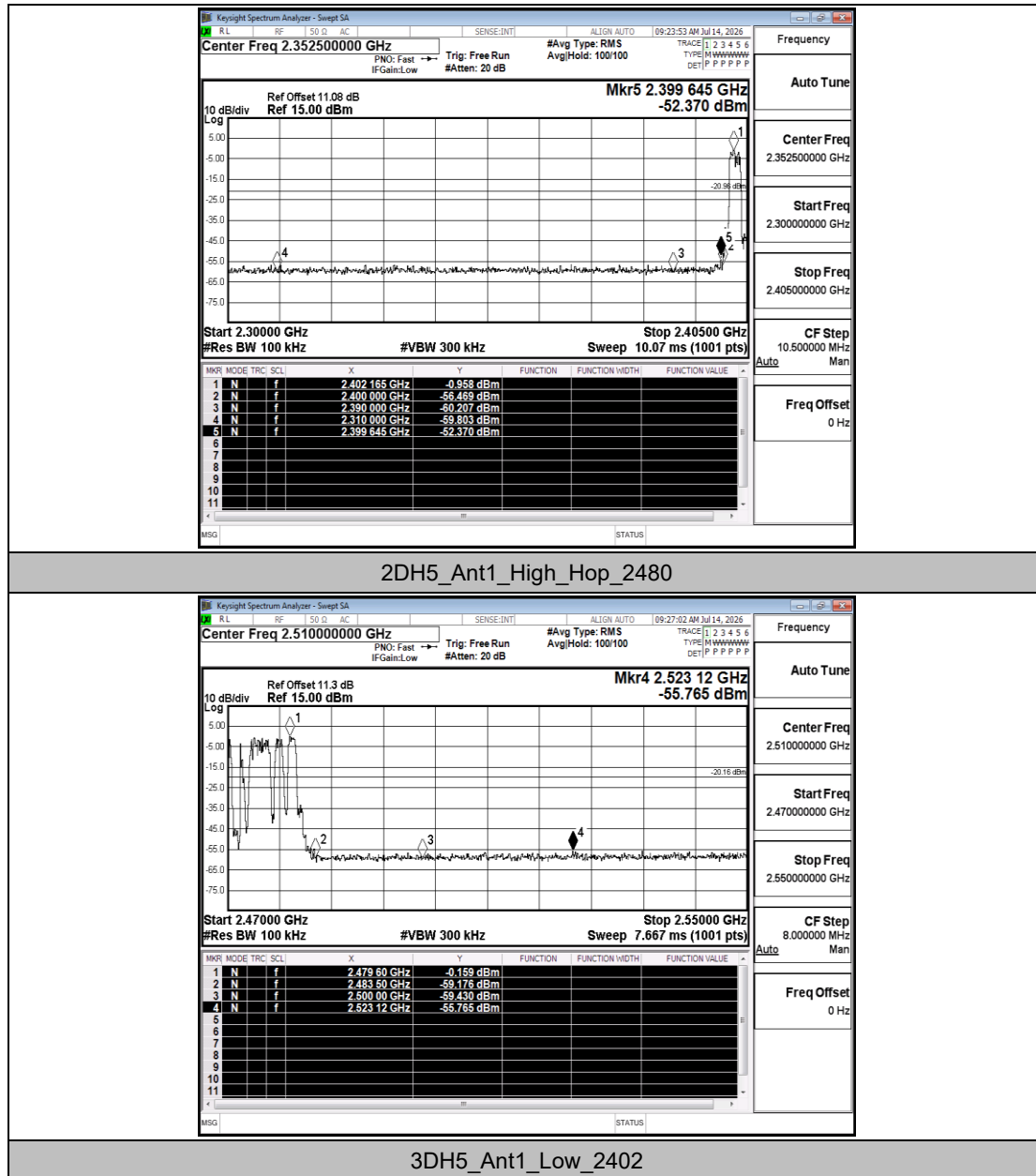
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.81	-55.42	≤-17.19	PASS
		High	2480	3.64	-55.75	≤-16.36	PASS
		Low	Hop_2402	1.98	-56.29	≤-18.02	PASS
		High	Hop_2480	3.18	-55.86	≤-16.82	PASS
2DH5	Ant1	Low	2402	2.93	-48.09	≤-17.07	PASS
		High	2480	3.54	-54.39	≤-16.46	PASS
		Low	Hop_2402	-0.96	-52.37	≤-20.96	PASS
		High	Hop_2480	-0.16	-55.77	≤-20.16	PASS
3DH5	Ant1	Low	2402	2.97	-48.36	≤-17.03	PASS
		High	2480	2.61	-53.68	≤-17.39	PASS
		Low	Hop_2402	-1.61	-53.6	≤-21.61	PASS
		High	Hop_2480	3.37	-54.68	≤-16.63	PASS

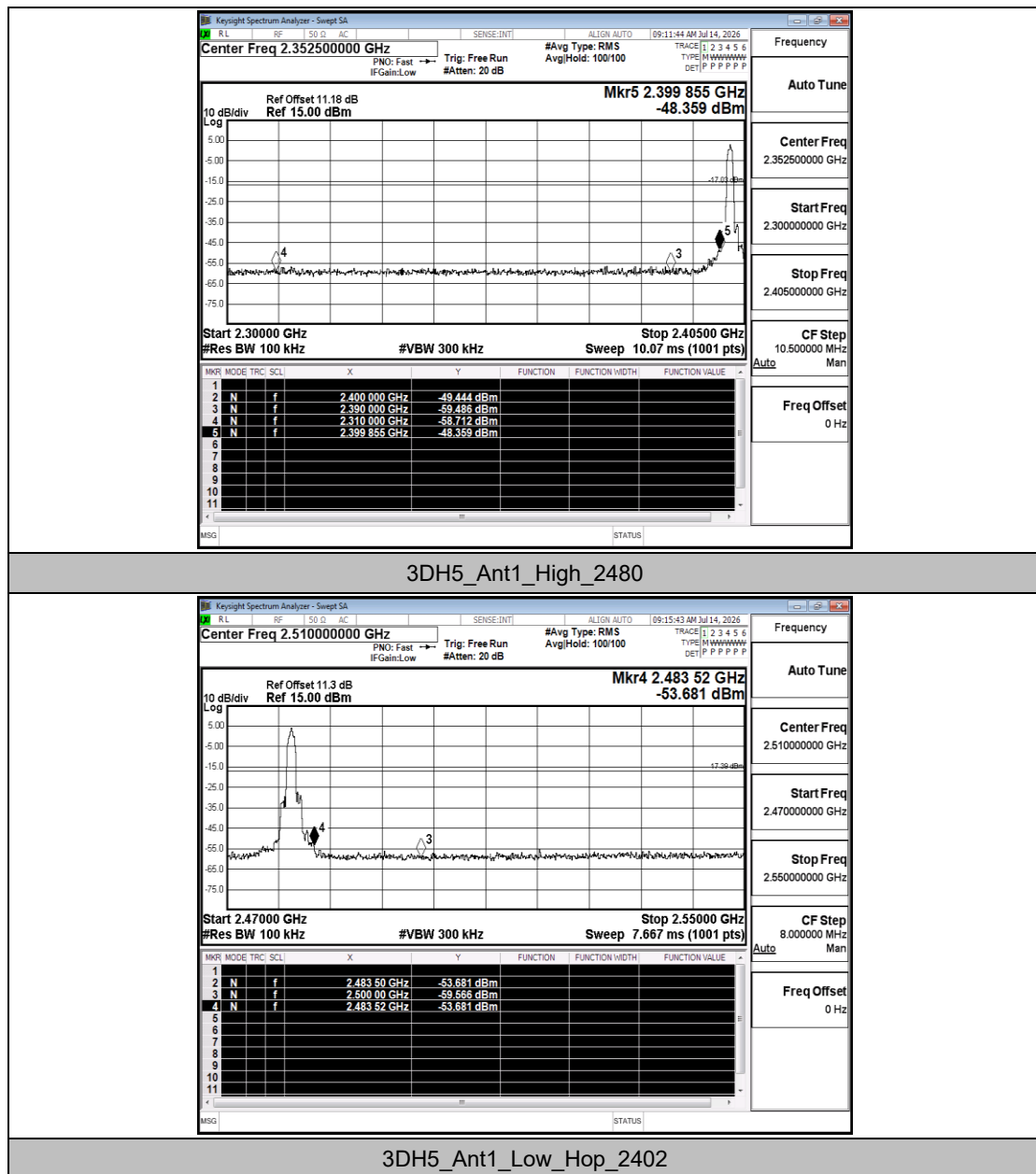
Test Graphs

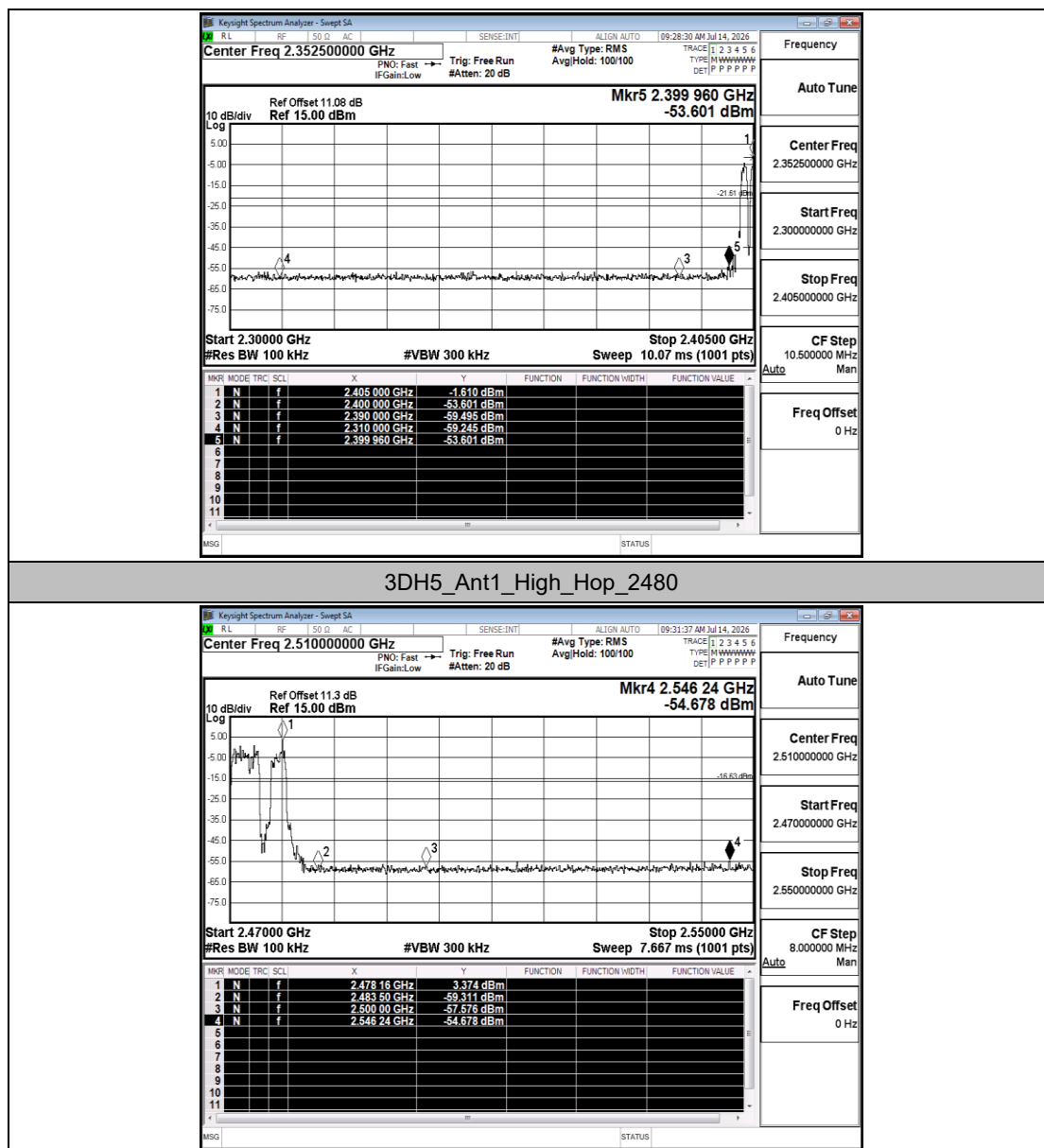












A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.16	3.16	---	PASS
			30~1000	3.16	-40.13	≤-16.84	PASS
			1000~26500	3.16	-42.95	≤-16.84	PASS
		2441	Reference	4.55	4.55	---	PASS
			30~1000	4.55	-64.07	≤-15.45	PASS
			1000~26500	4.55	-44.8	≤-15.45	PASS
		2480	Reference	3.79	3.79	---	PASS
			30~1000	3.79	-62.3	≤-16.21	PASS
			1000~26500	3.79	-44.39	≤-16.21	PASS
2DH5	Ant1	2402	Reference	3.06	3.06	---	PASS
			30~1000	3.06	-61.29	≤-16.94	PASS
			1000~26500	3.06	-44.6	≤-16.94	PASS
		2441	Reference	4.41	4.41	---	PASS
			30~1000	4.41	-63.38	≤-15.59	PASS
			1000~26500	4.41	-45.01	≤-15.59	PASS
		2480	Reference	3.69	3.69	---	PASS
			30~1000	3.69	-64.32	≤-16.31	PASS
			1000~26500	3.69	-44.23	≤-16.31	PASS
3DH5	Ant1	2402	Reference	3.20	3.20	---	PASS
			30~1000	3.20	-64.74	≤-16.8	PASS
			1000~26500	3.20	-44.25	≤-16.8	PASS
		2441	Reference	4.58	4.58	---	PASS
			30~1000	4.58	-58.86	≤-15.42	PASS
			1000~26500	4.58	-44.82	≤-15.42	PASS
		2480	Reference	3.84	3.84	---	PASS
			30~1000	3.84	-63.42	≤-16.16	PASS
			1000~26500	3.84	-44.73	≤-16.16	PASS

Test Graphs

