

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Makeup mirror with wireless charger

Test Model: GLAM-PWR-SPKR-FAB

Environmental Conditions

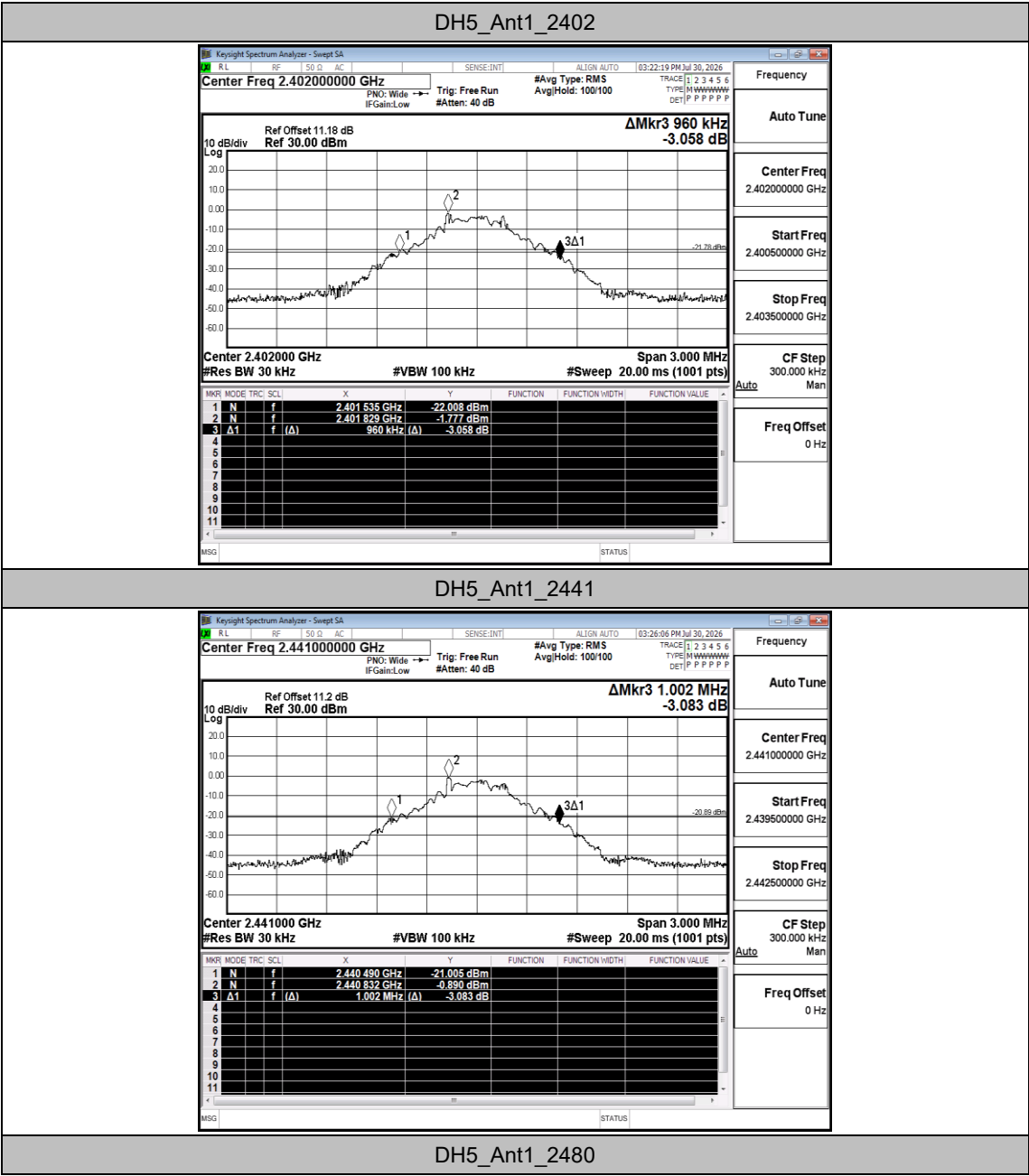
Temperature:	24.5°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

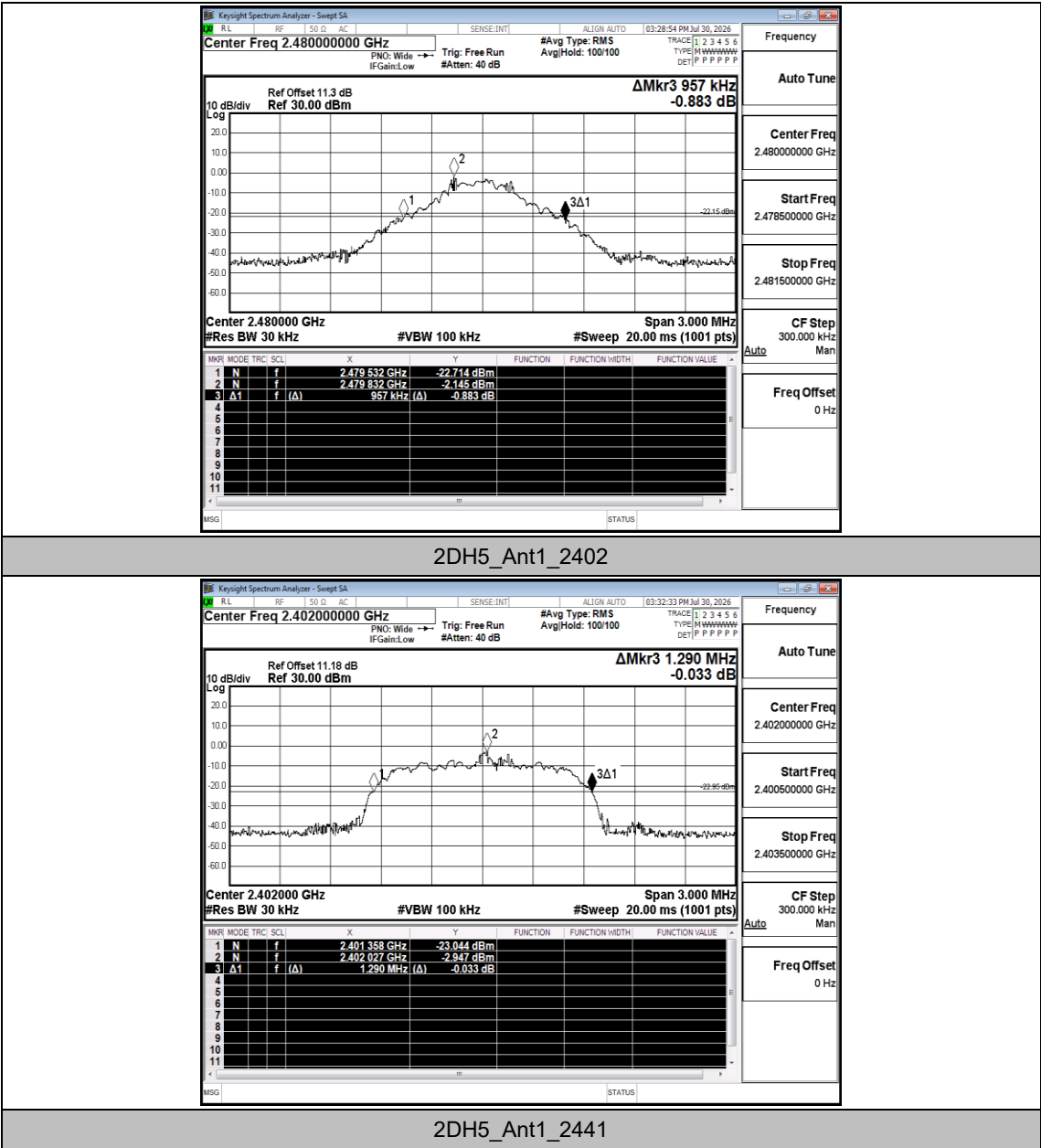
A.1 20dB Emission Bandwidth

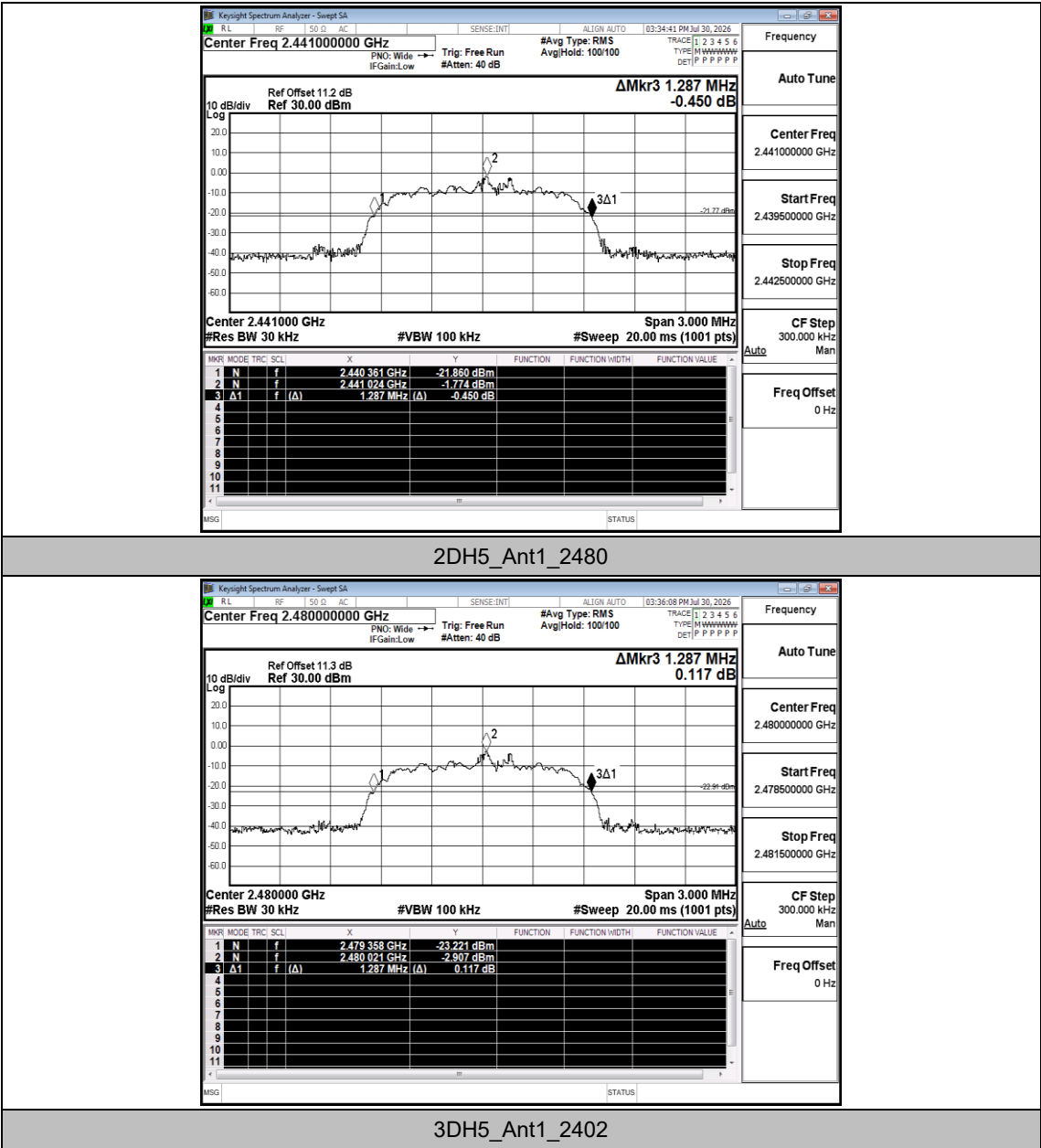
Test Result

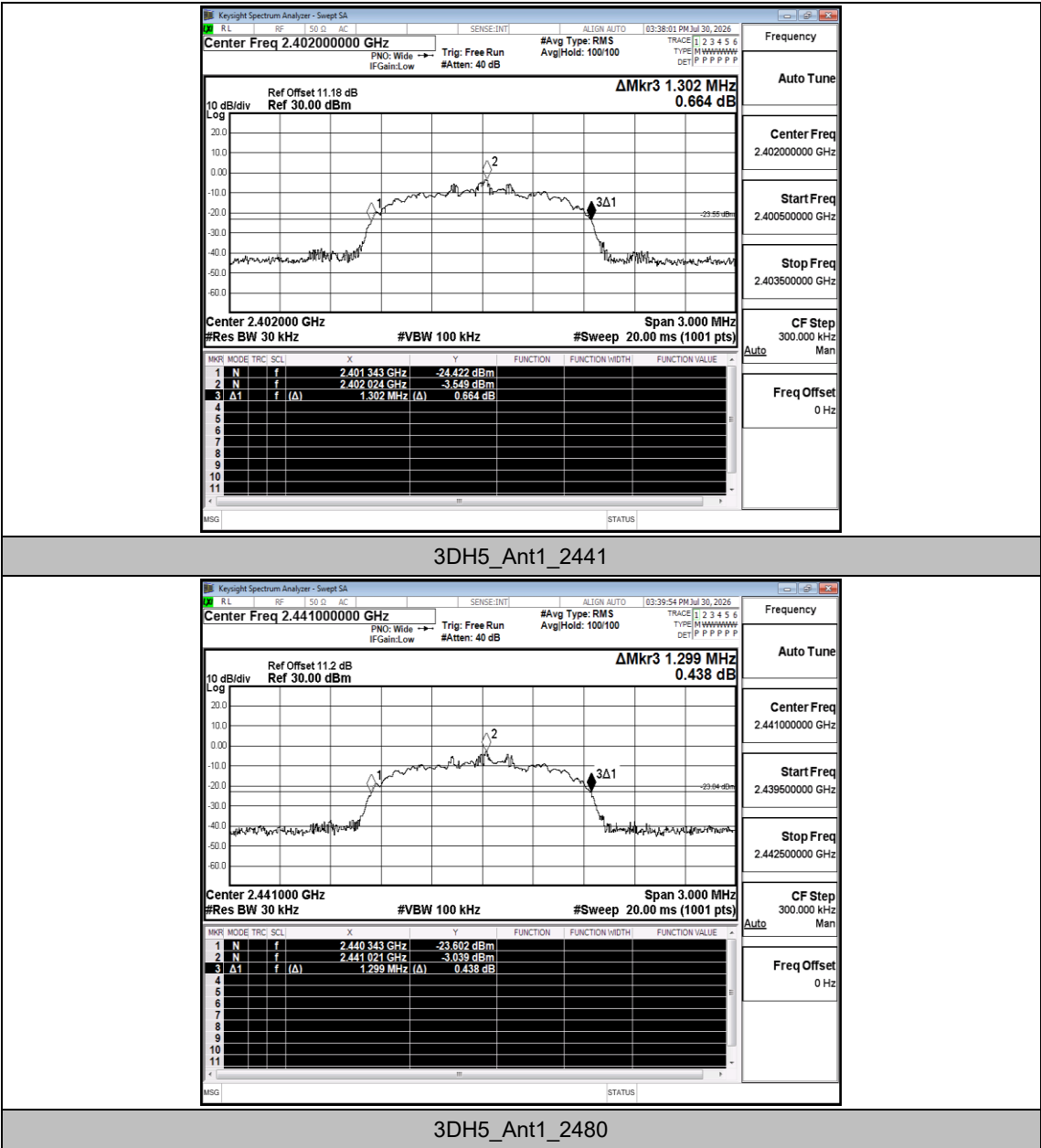
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.960	2401.535	2402.495	---	---
		2441	1.002	2440.490	2441.492	---	---
		2480	0.957	2479.532	2480.489	---	---
2DH5	Ant1	2402	1.290	2401.358	2402.648	---	---
		2441	1.287	2440.361	2441.648	---	---
		2480	1.287	2479.358	2480.645	---	---
3DH5	Ant1	2402	1.302	2401.343	2402.645	---	---
		2441	1.299	2440.343	2441.642	---	---
		2480	1.299	2479.340	2480.639	---	---

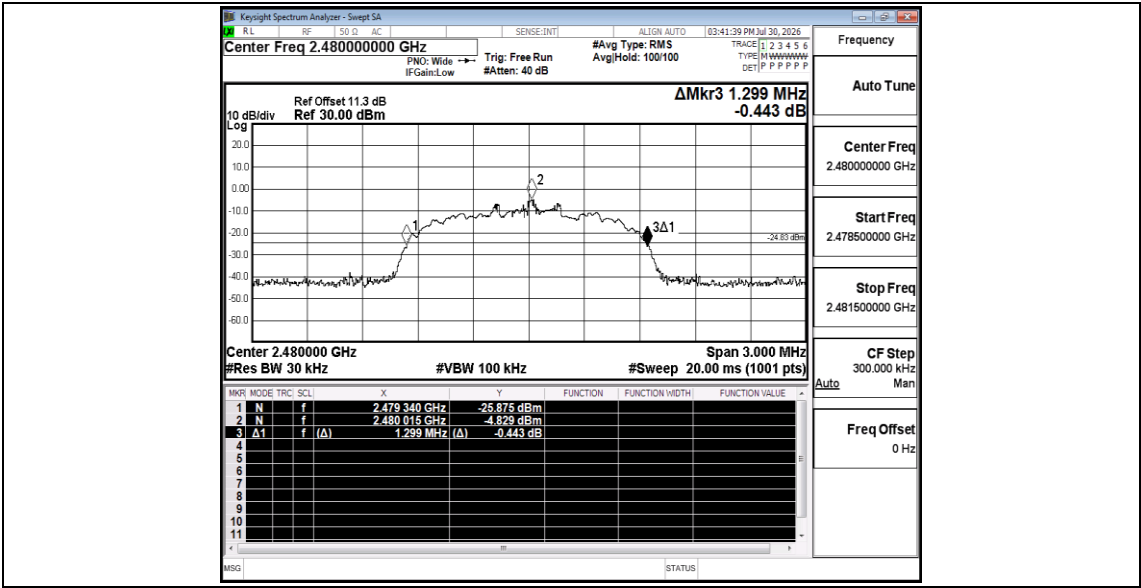
Test Graphs









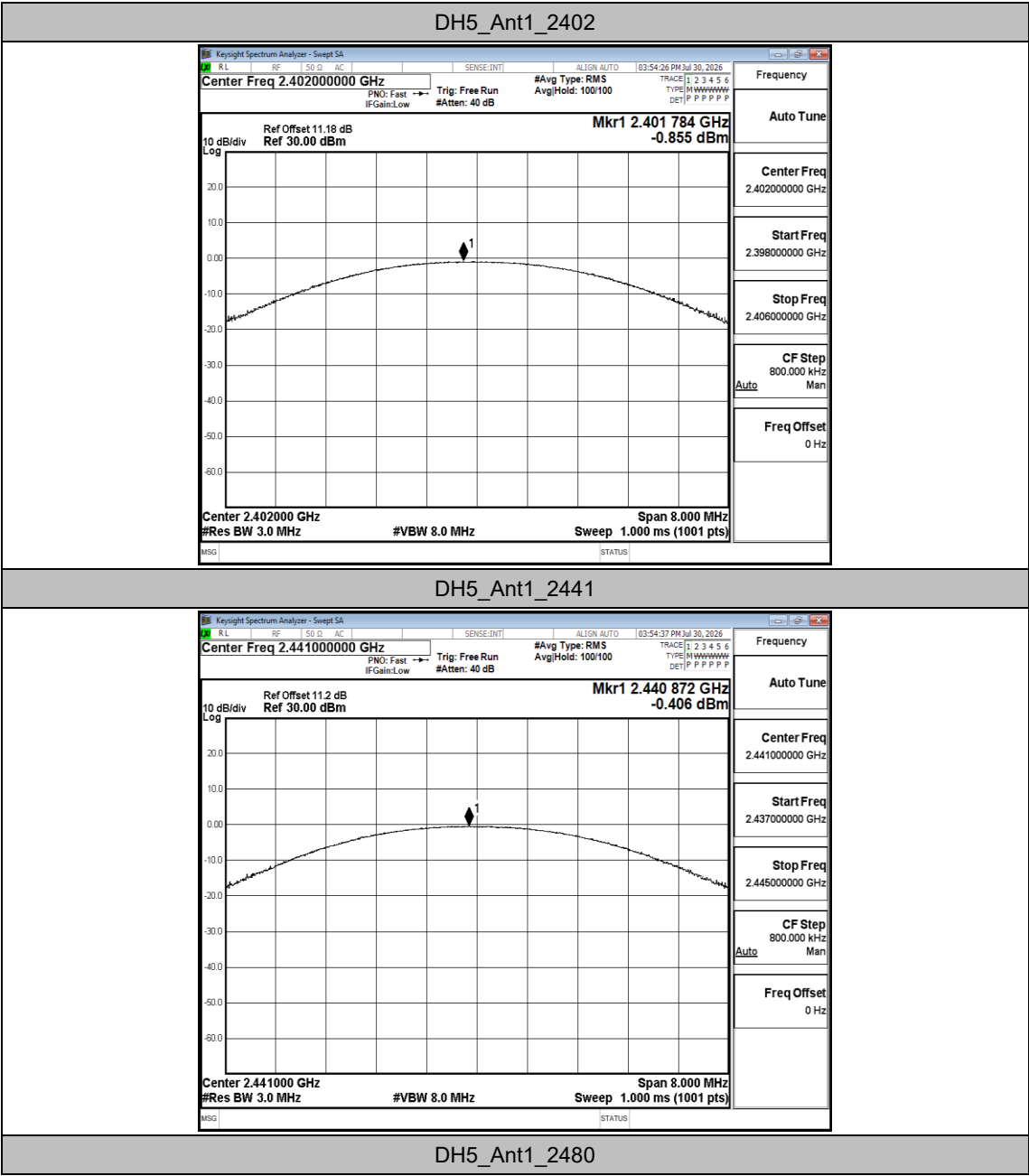


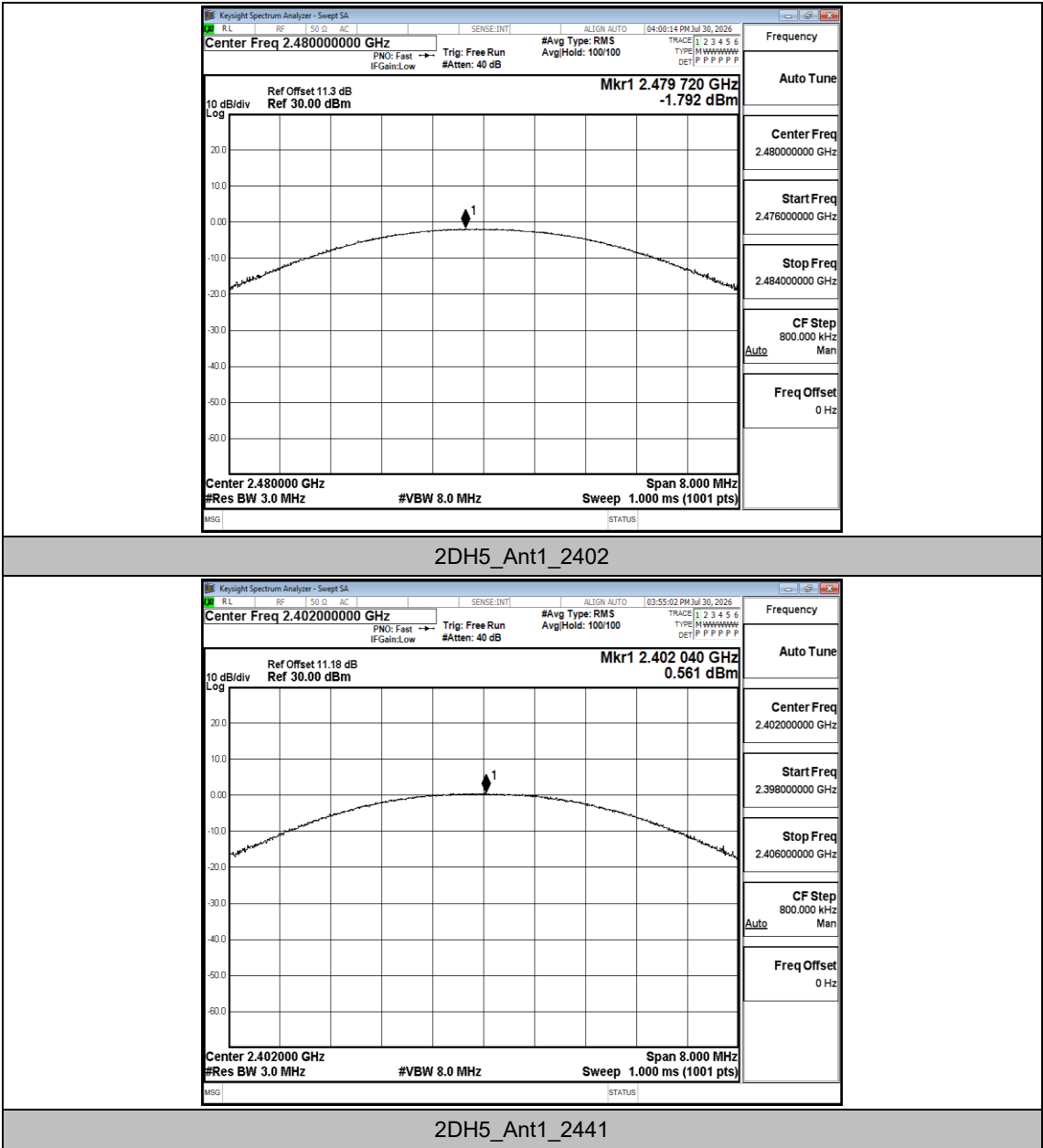
A.2 Maximum Peak conducted output power

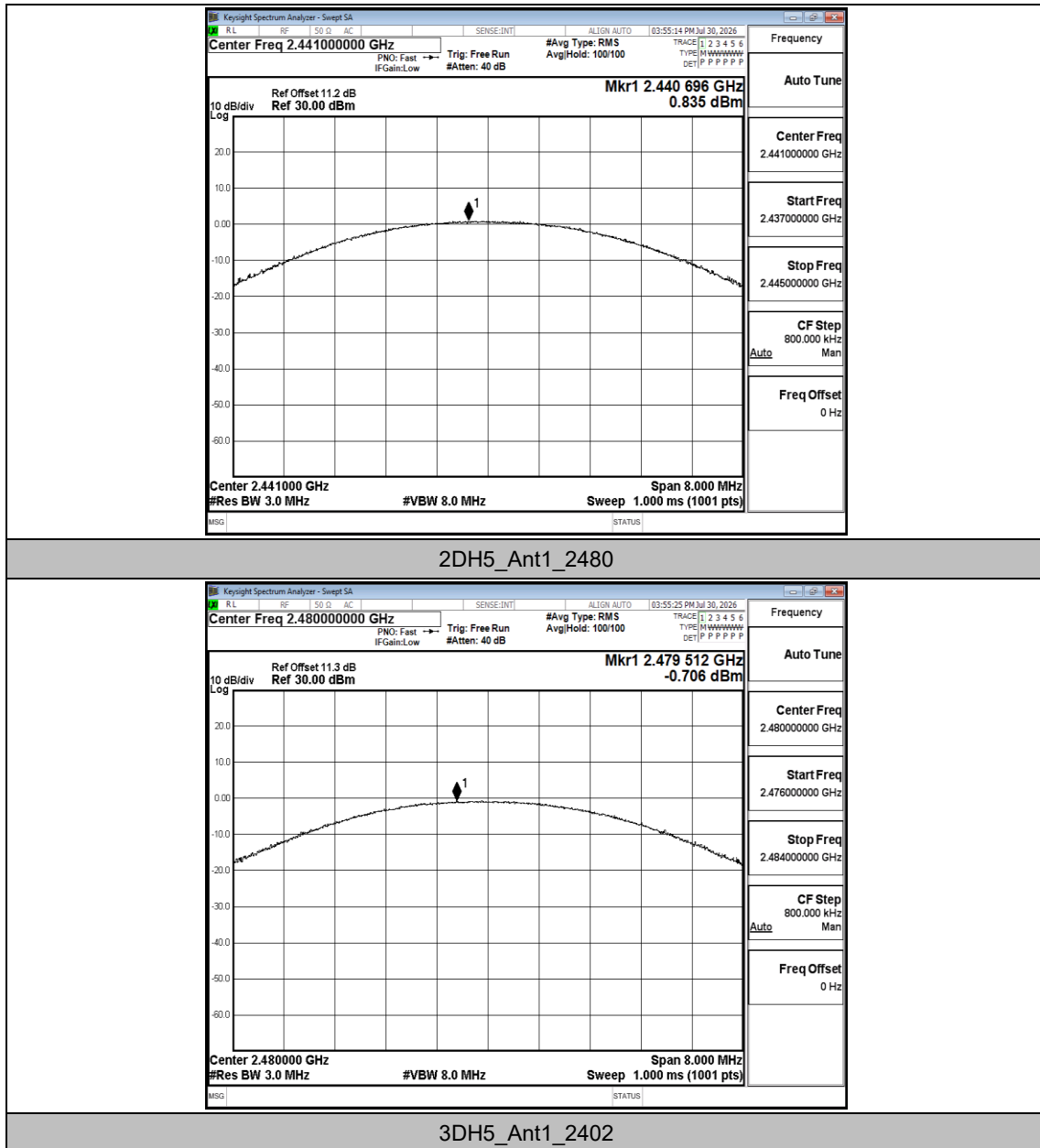
Test Result

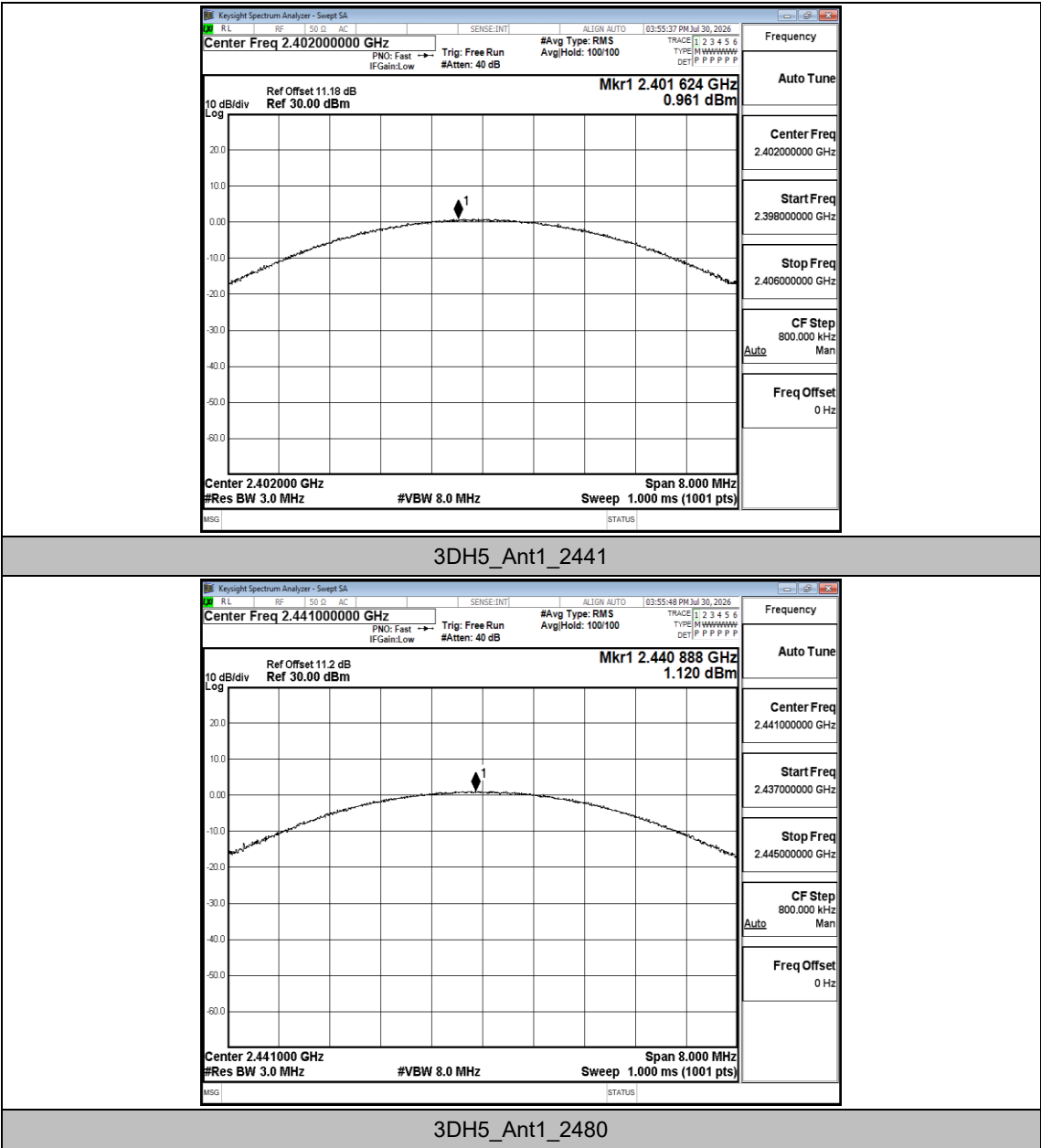
TestMode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.86	≤20.97	PASS
		2441	-0.41	≤20.97	PASS
		2480	-1.79	≤20.97	PASS
2DH5	Ant1	2402	0.56	≤20.97	PASS
		2441	0.84	≤20.97	PASS
		2480	-0.71	≤20.97	PASS
3DH5	Ant1	2402	0.96	≤20.97	PASS
		2441	1.12	≤20.97	PASS
		2480	-0.57	≤20.97	PASS

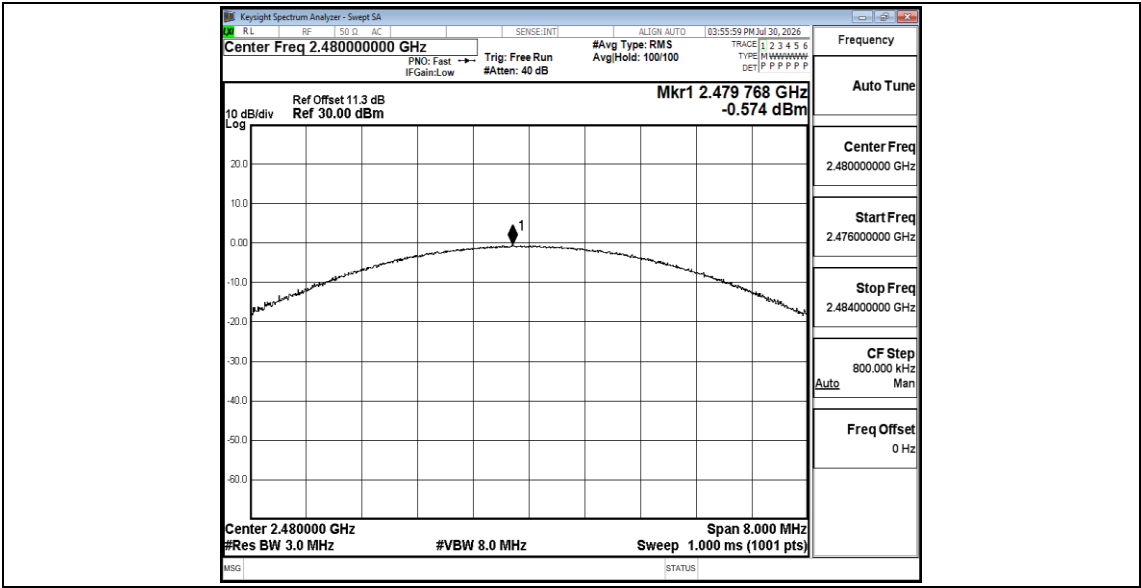
Test Graphs









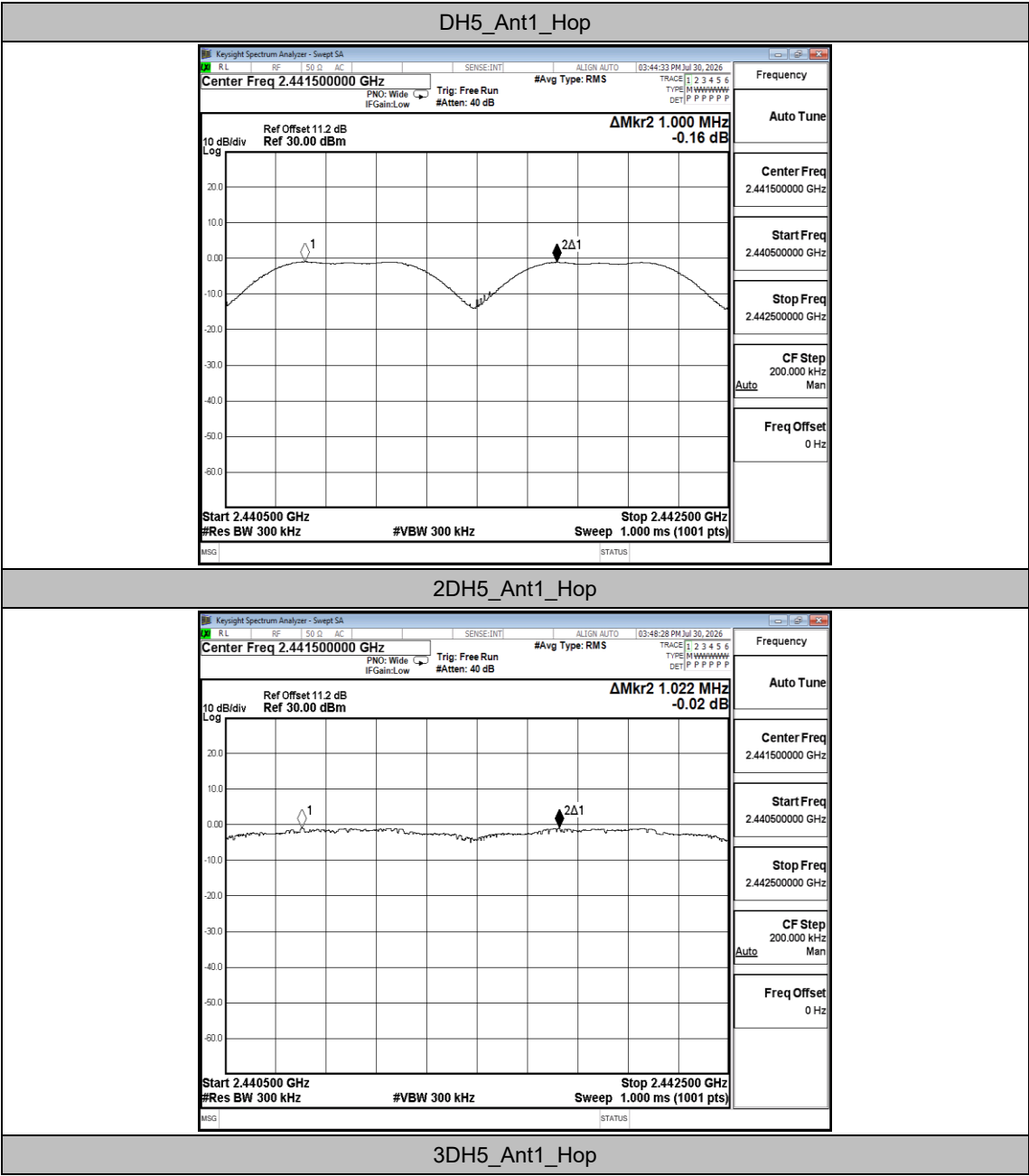


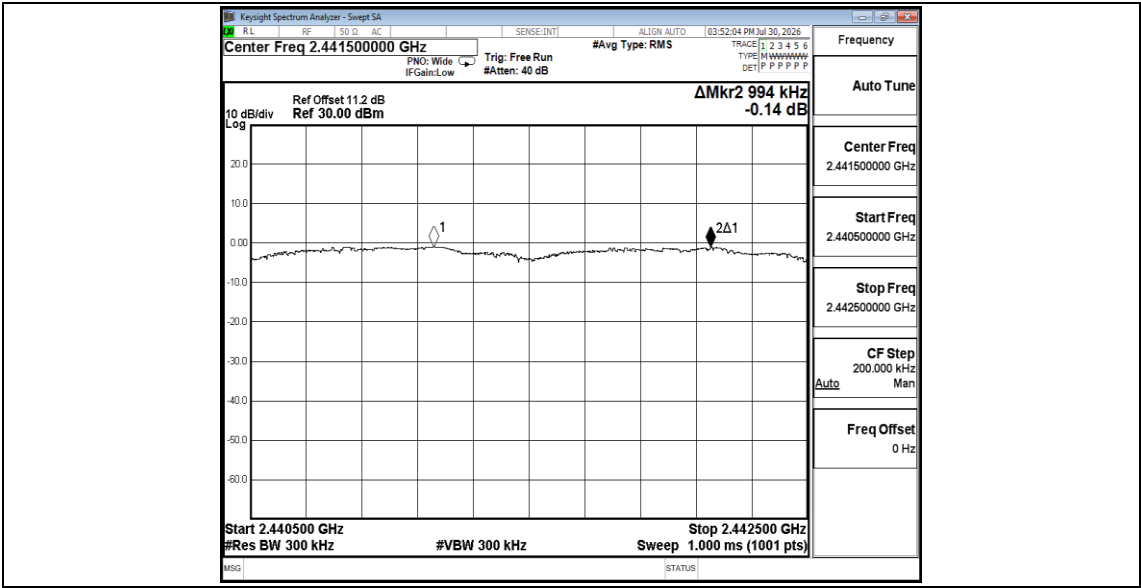
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1	≥0.668	PASS
2DH5	Ant1	Hop	1.022	≥0.860	PASS
3DH5	Ant1	Hop	0.994	≥0.868	PASS

Test Graphs



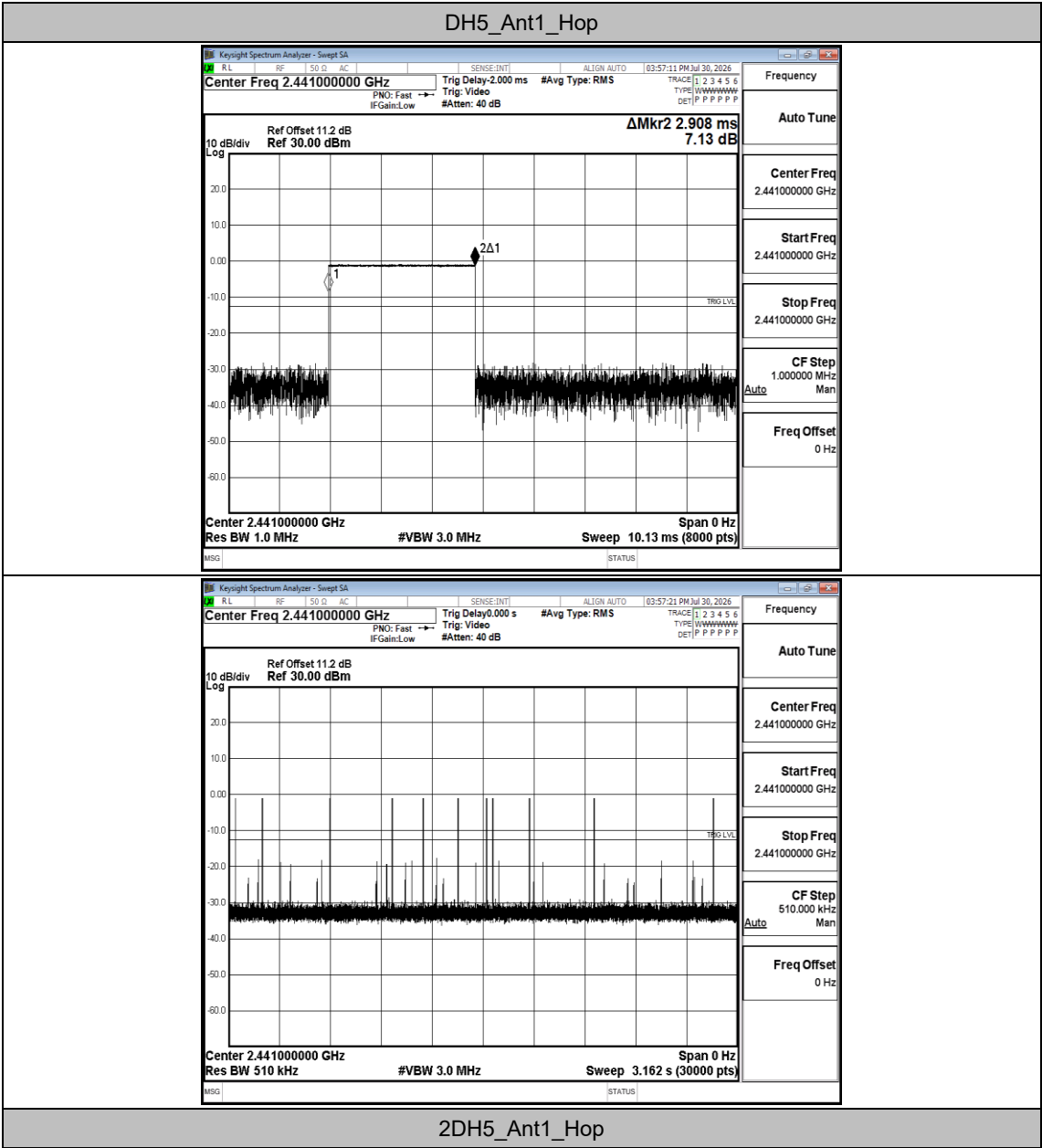


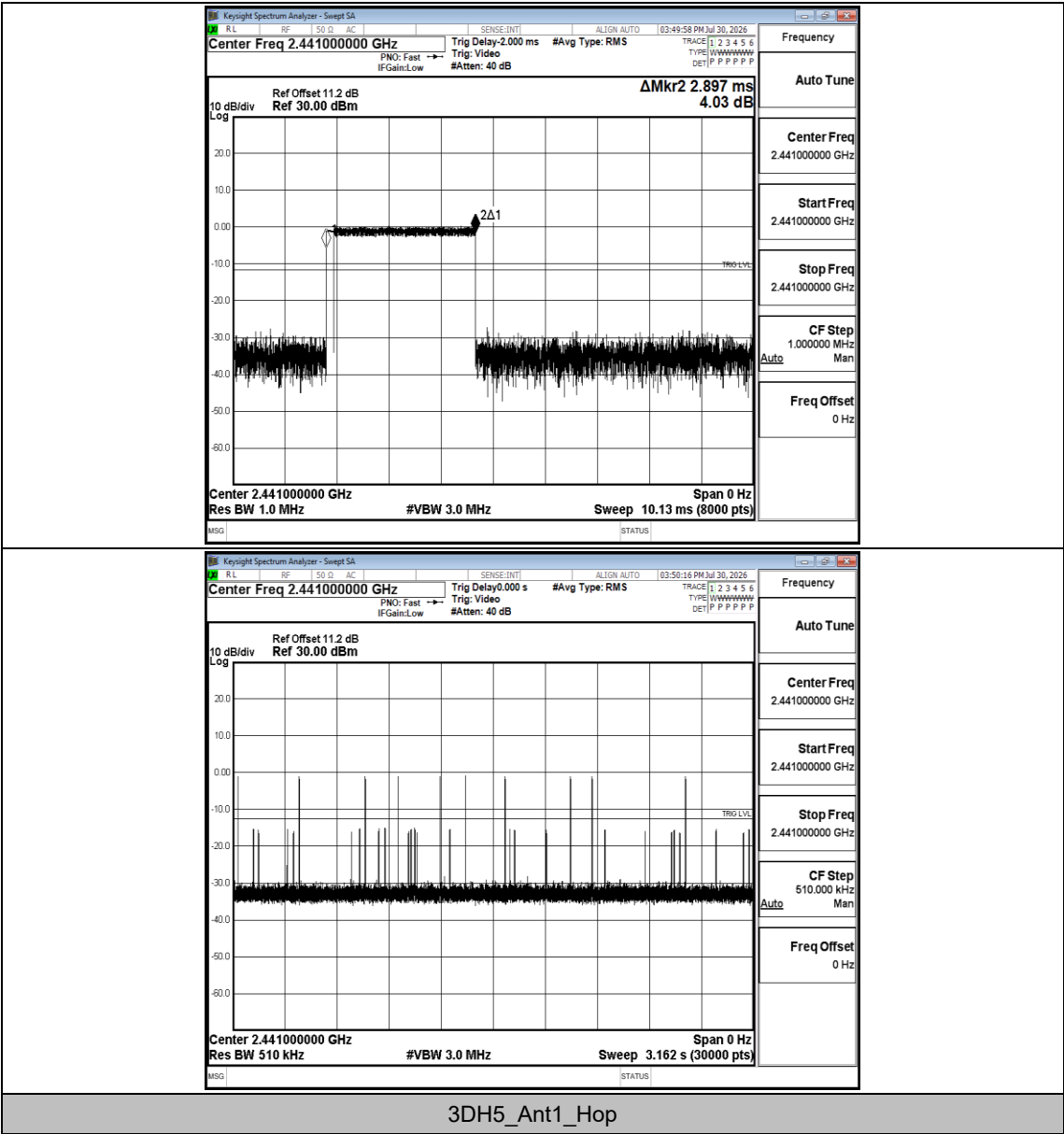
A.4 Time of occupancy

Test Result

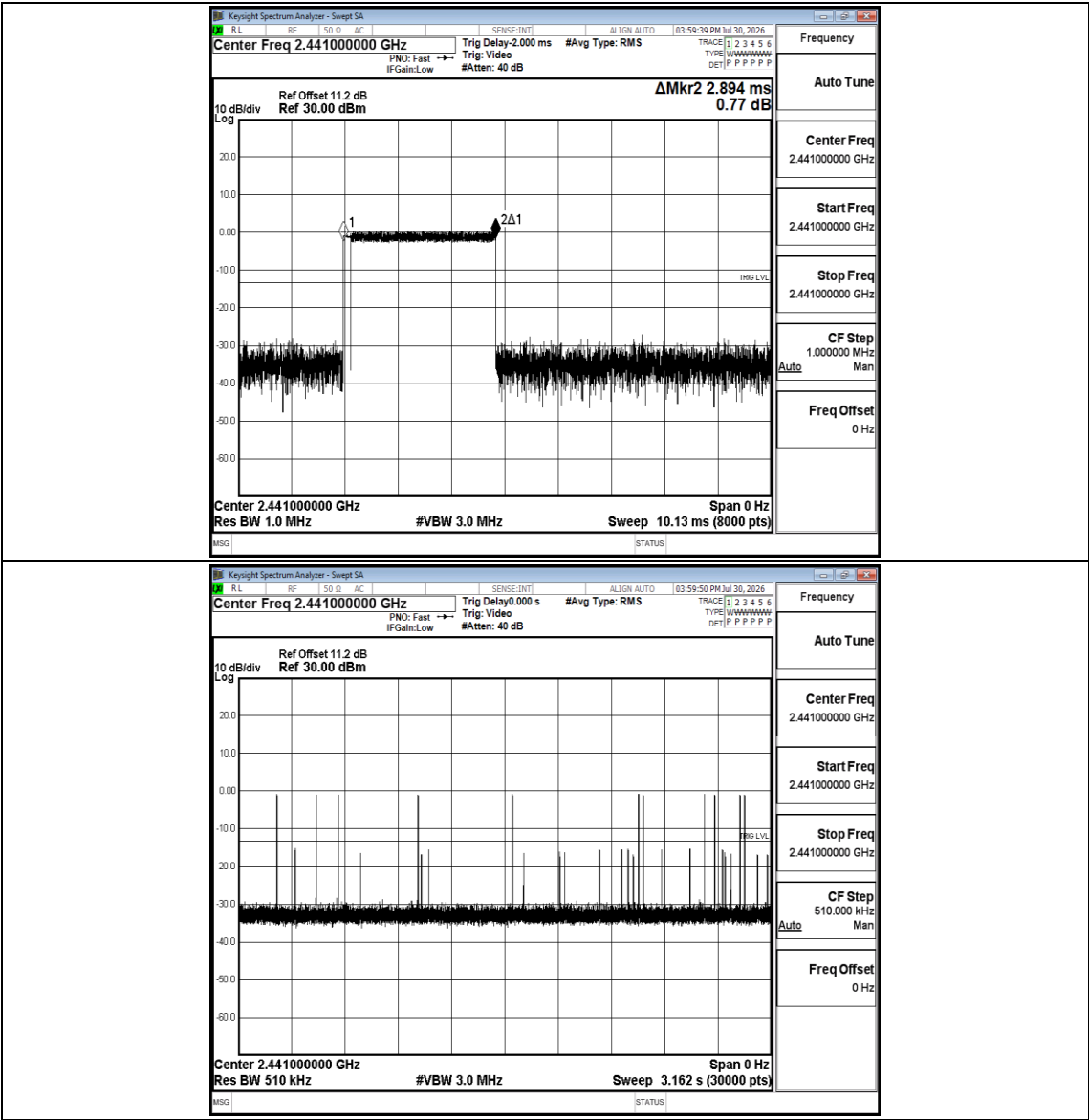
TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.908	120	0.349	≤0.4	PASS
2DH5	Ant1	Hop	2.897	110	0.319	≤0.4	PASS
3DH5	Ant1	Hop	2.894	120	0.347	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

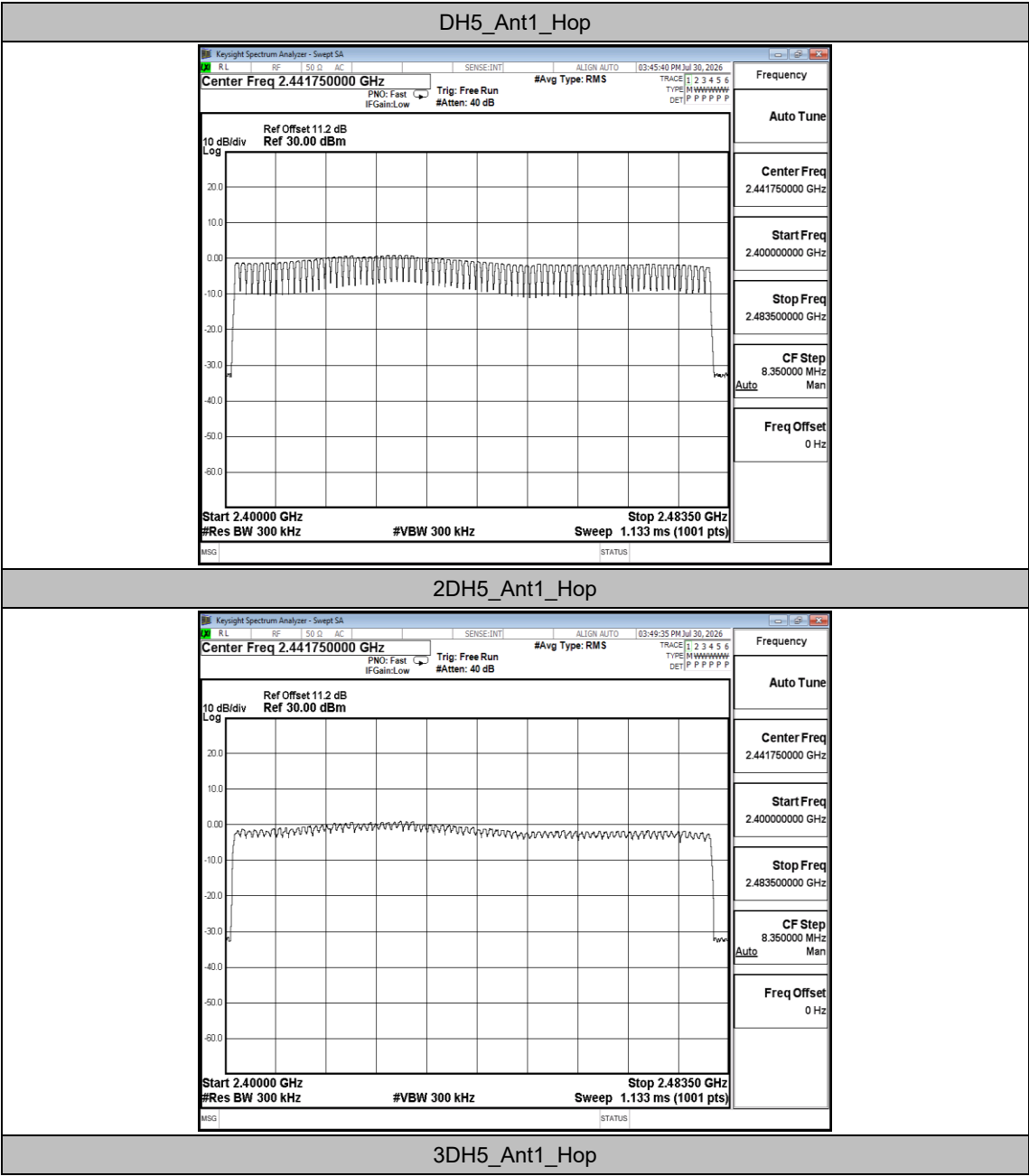


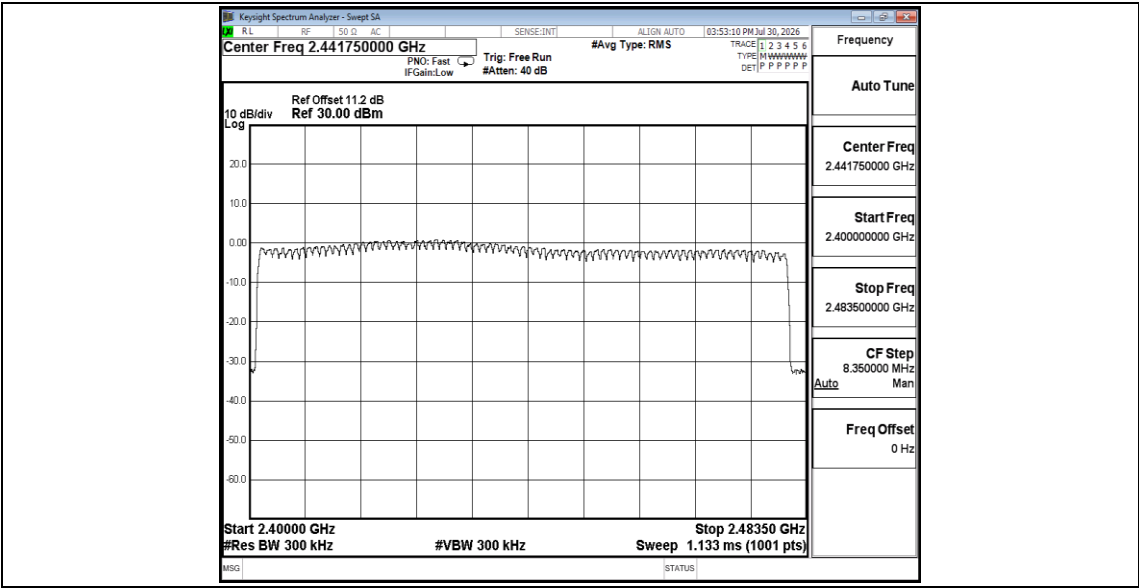
A.5 Number of hopping channels

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



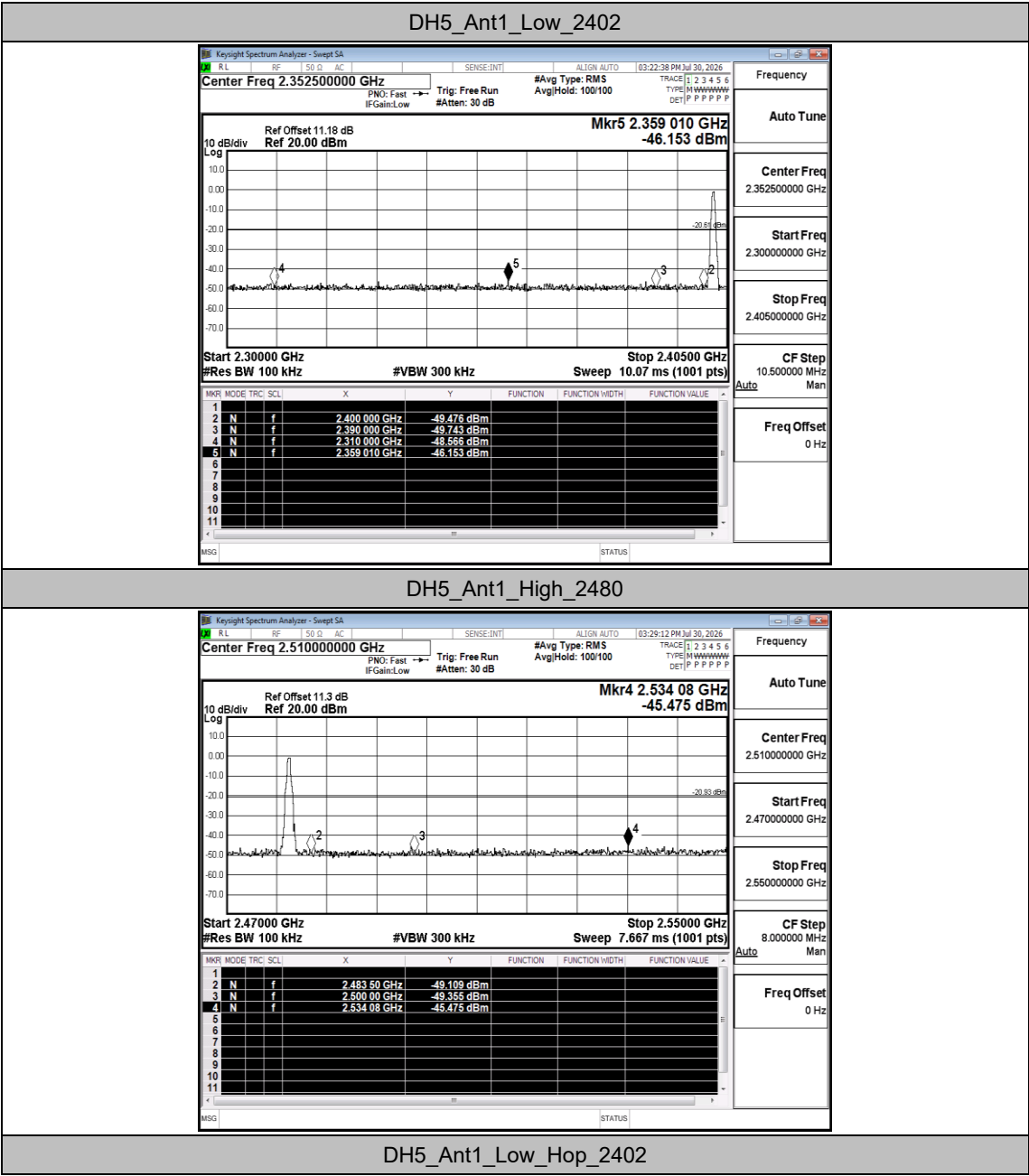


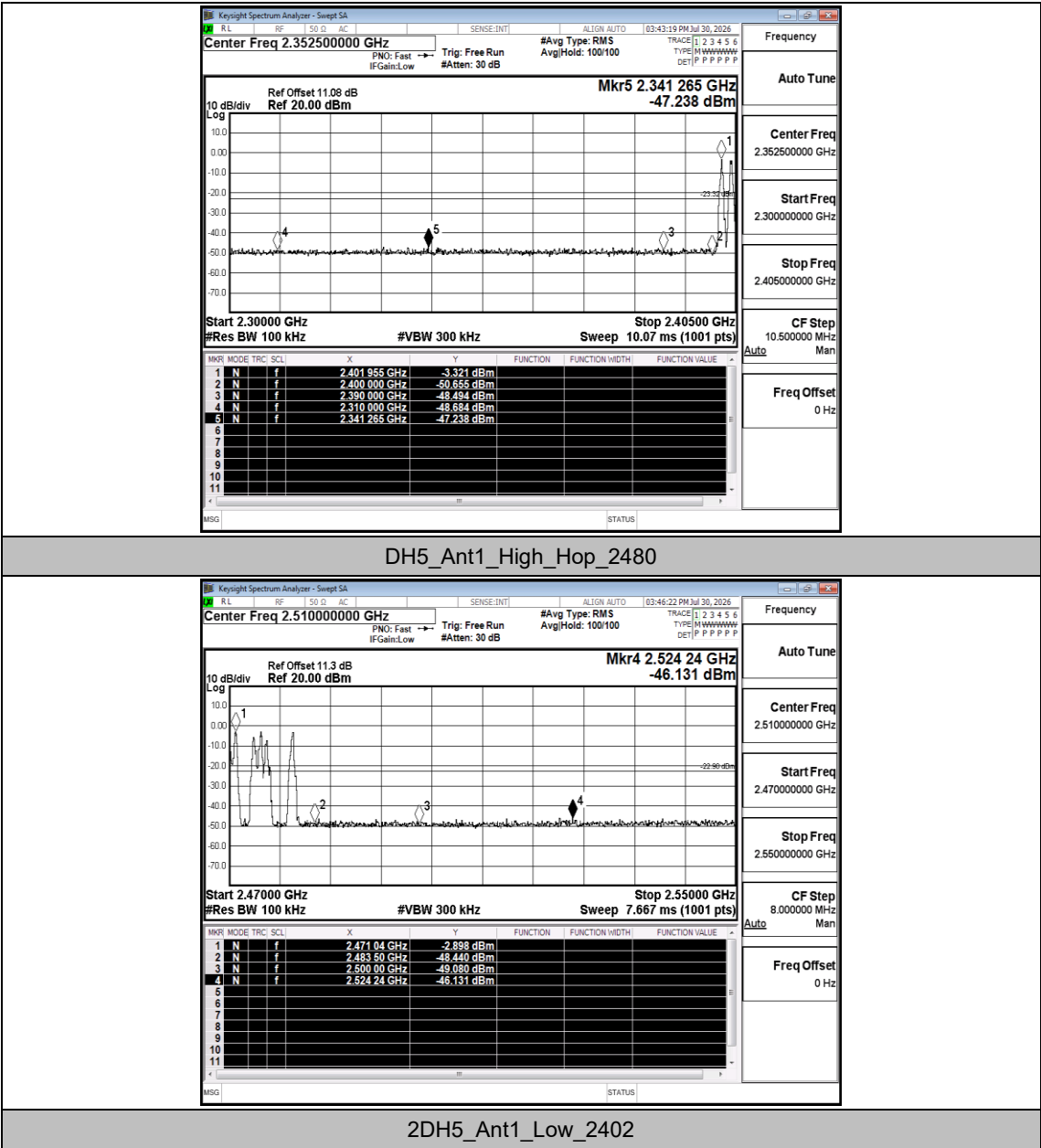
A.6 Band edge measurements

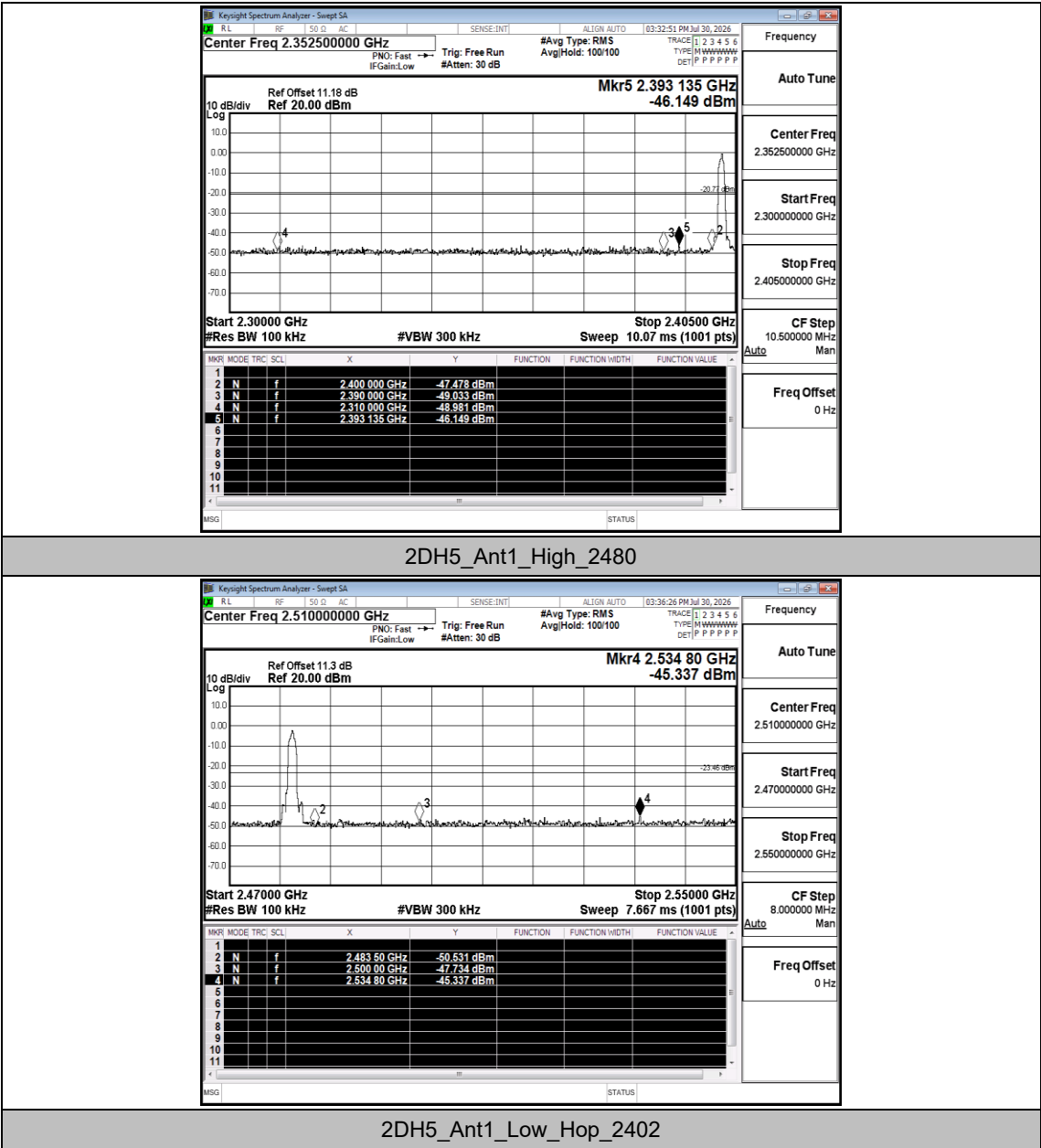
Test Result

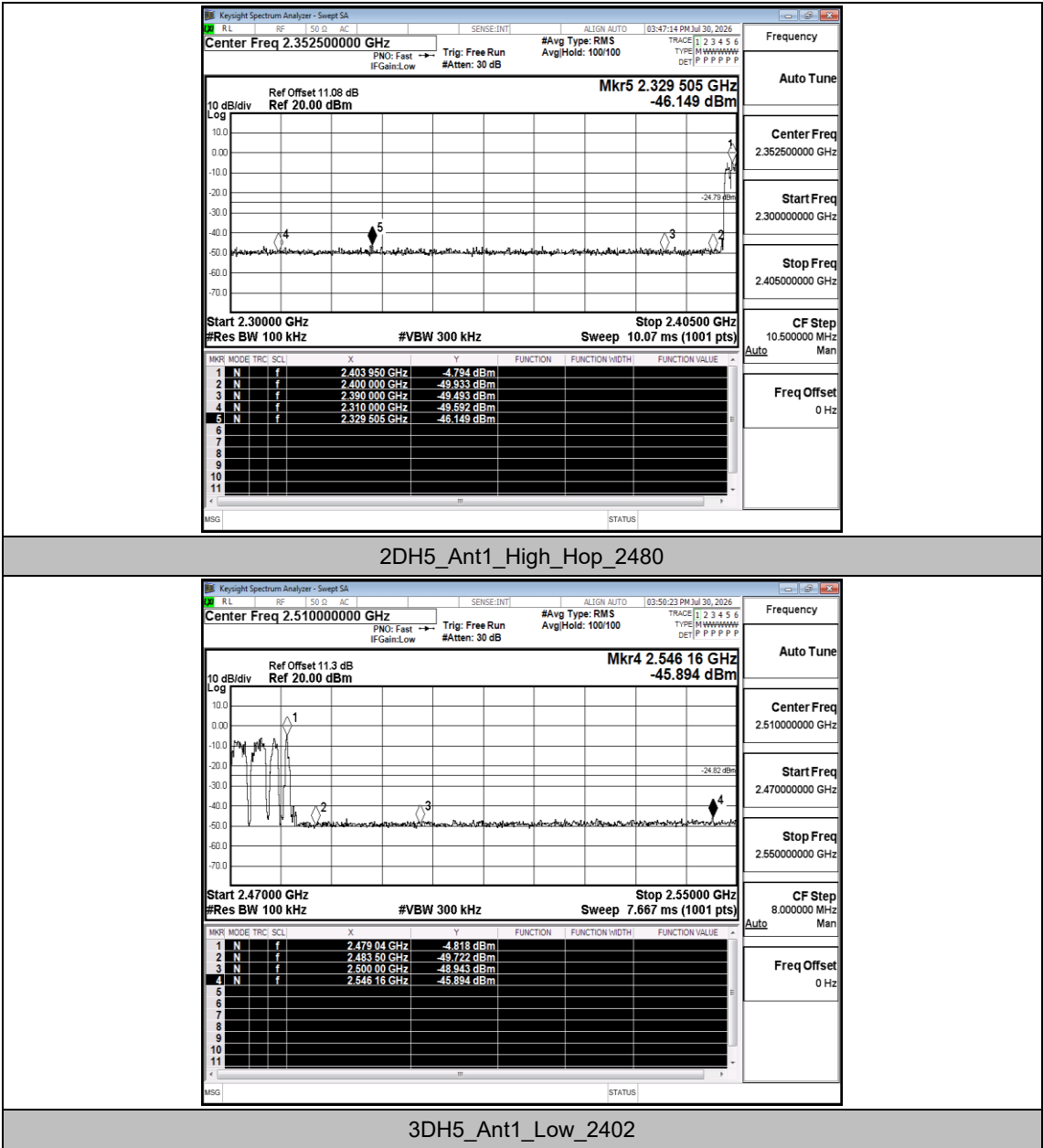
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.61	-46.15	≤ -20.61	PASS
		High	2480	-0.93	-45.48	≤ -20.93	PASS
		Low	Hop_2402	-3.32	-47.24	≤ -23.32	PASS
		High	Hop_2480	-2.90	-46.13	≤ -22.9	PASS
2DH5	Ant1	Low	2402	-0.77	-46.15	≤ -20.77	PASS
		High	2480	-3.46	-45.34	≤ -23.46	PASS
		Low	Hop_2402	-4.79	-46.15	≤ -24.79	PASS
		High	Hop_2480	-4.82	-45.89	≤ -24.82	PASS
3DH5	Ant1	Low	2402	-1.49	-45.96	≤ -21.49	PASS
		High	2480	-2.52	-45.72	≤ -22.52	PASS
		Low	Hop_2402	-8.07	-46.62	≤ -28.07	PASS
		High	Hop_2480	-3.90	-45.21	≤ -23.9	PASS

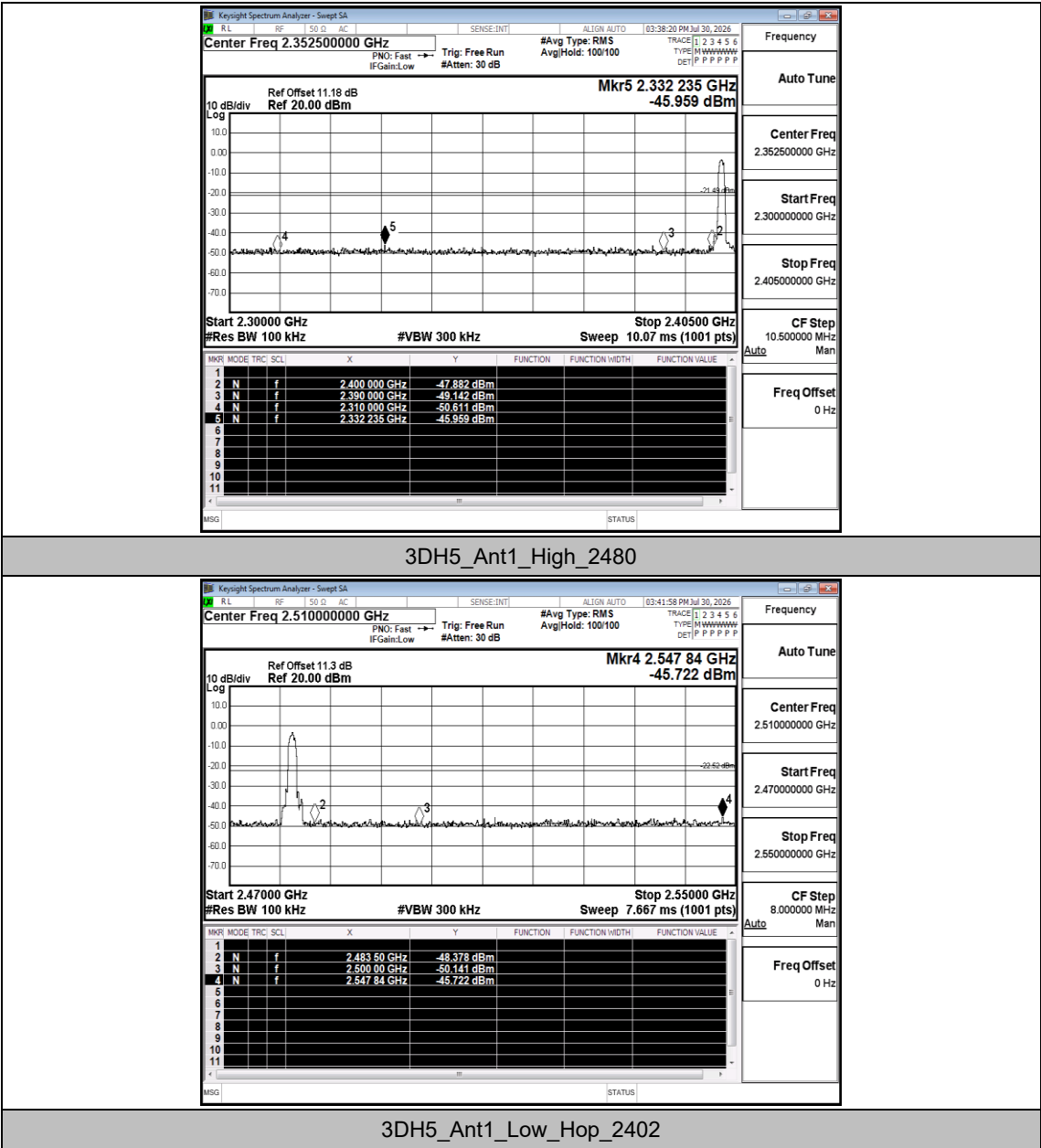
Test Graphs

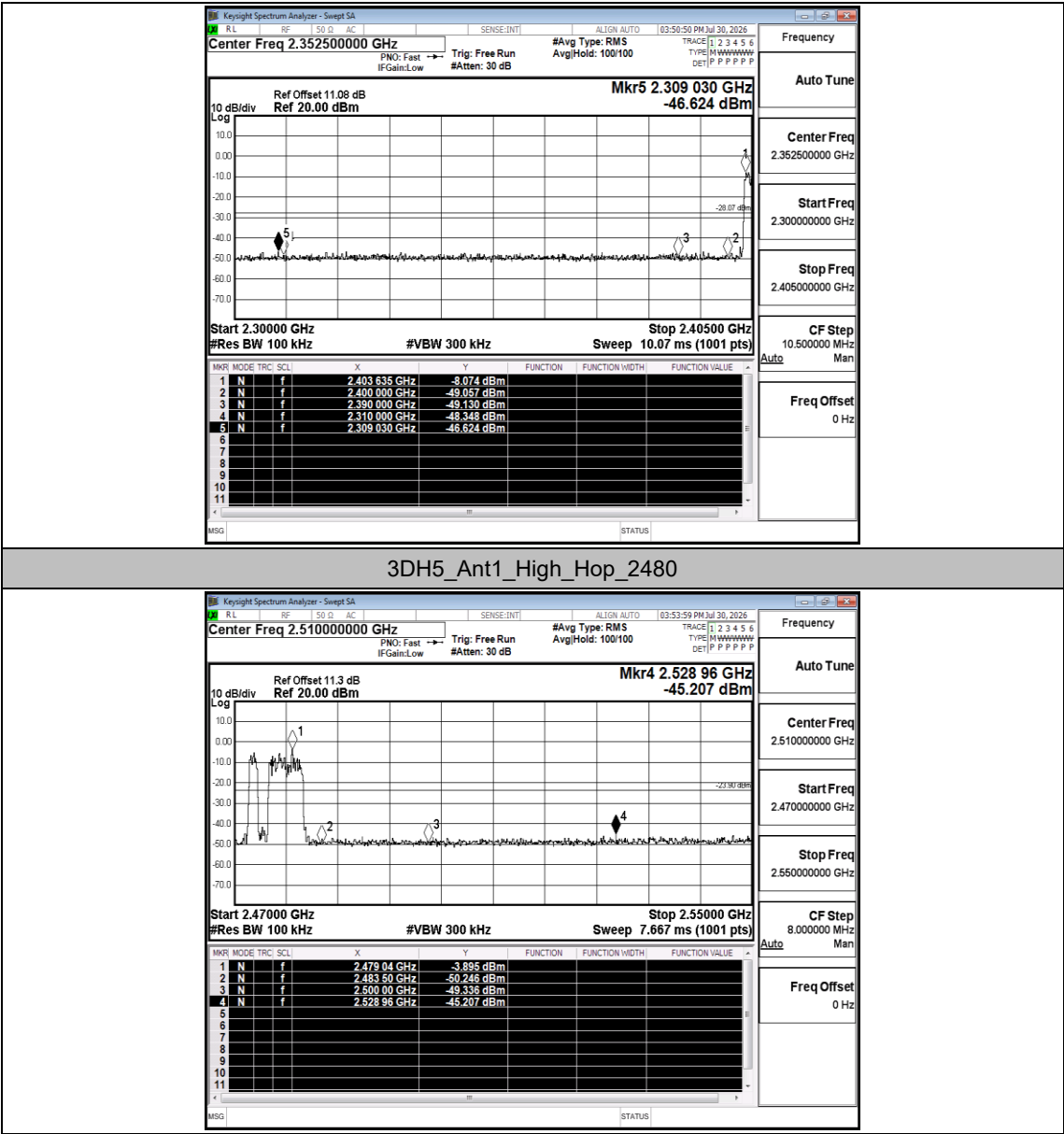












A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-49.55	≤-20.6	PASS
			1000~26500	-0.60	-44.62	≤-20.6	PASS
		2441	Reference	0.29	0.29	---	PASS
			30~1000	0.29	-33.75	≤-19.71	PASS
			1000~26500	0.29	-44.86	≤-19.71	PASS
		2480	Reference	-0.93	-0.93	---	PASS
			30~1000	-0.93	-55.6	≤-20.93	PASS
			1000~26500	-0.93	-44.49	≤-20.93	PASS
2DH5	Ant1	2402	Reference	-0.68	-0.68	---	PASS
			30~1000	-0.68	-56.65	≤-20.68	PASS
			1000~26500	-0.68	-35.91	≤-20.68	PASS
		2441	Reference	0.19	0.19	---	PASS
			30~1000	0.19	-56.27	≤-19.81	PASS
			1000~26500	0.19	-44.04	≤-19.81	PASS
		2480	Reference	-2.52	-2.52	---	PASS
			30~1000	-2.52	-43.79	≤-22.52	PASS
			1000~26500	-2.52	-44.17	≤-22.52	PASS
3DH5	Ant1	2402	Reference	-1.33	-1.33	---	PASS
			30~1000	-1.33	-42.75	≤-21.33	PASS
			1000~26500	-1.33	-42.77	≤-21.33	PASS
		2441	Reference	-0.88	-0.88	---	PASS
			30~1000	-0.88	-43.58	≤-20.88	PASS
			1000~26500	-0.88	-44.02	≤-20.88	PASS
		2480	Reference	-2.52	-2.52	---	PASS
			30~1000	-2.52	-43.07	≤-22.52	PASS
			1000~26500	-2.52	-44.33	≤-22.52	PASS

Test Graphs

