

Appendix A

RF Test Data for BT (Conducted Measurement)

Tablet

Test Model: i101AC

Environmental Conditions

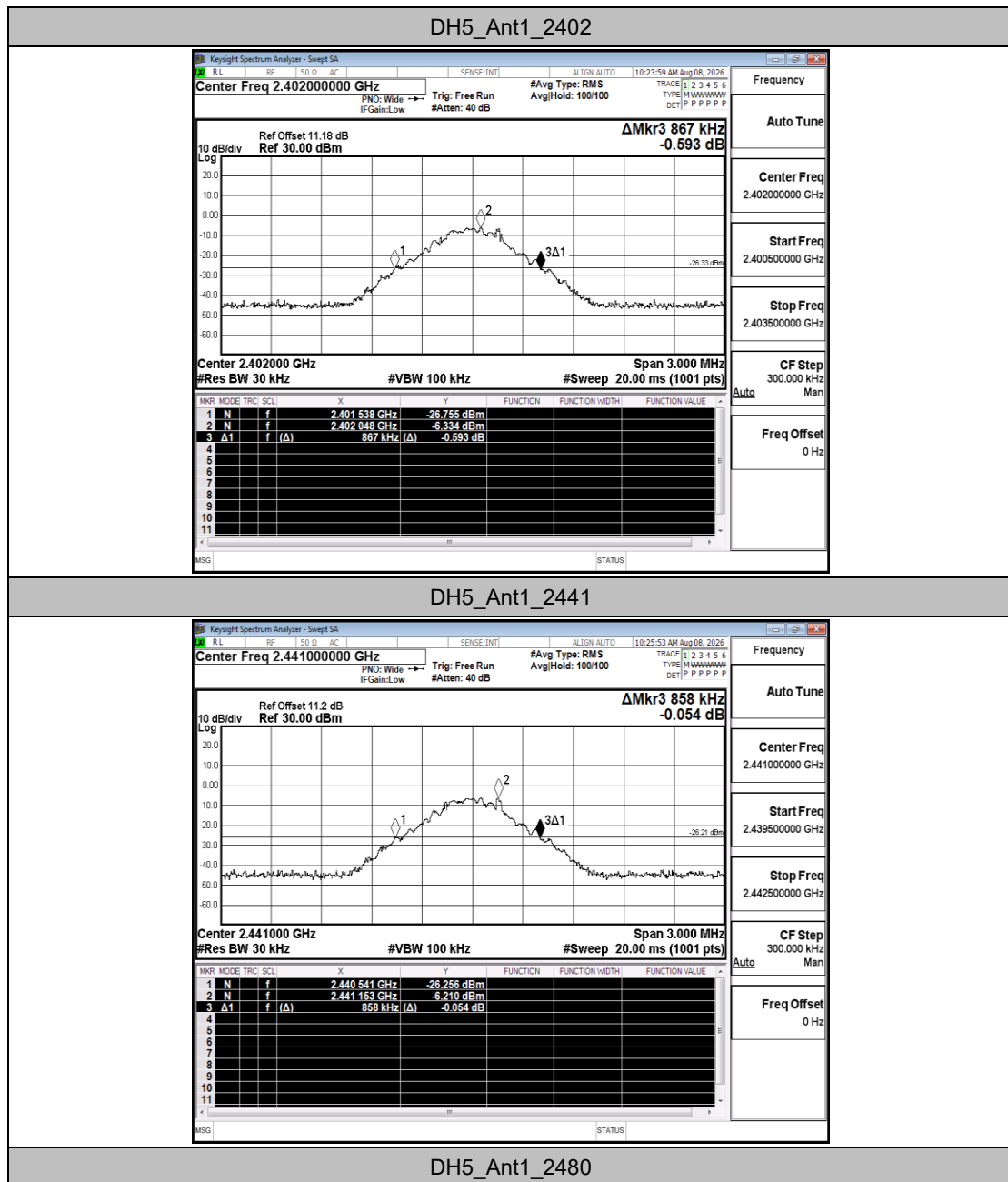
Temperature:	24.6° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

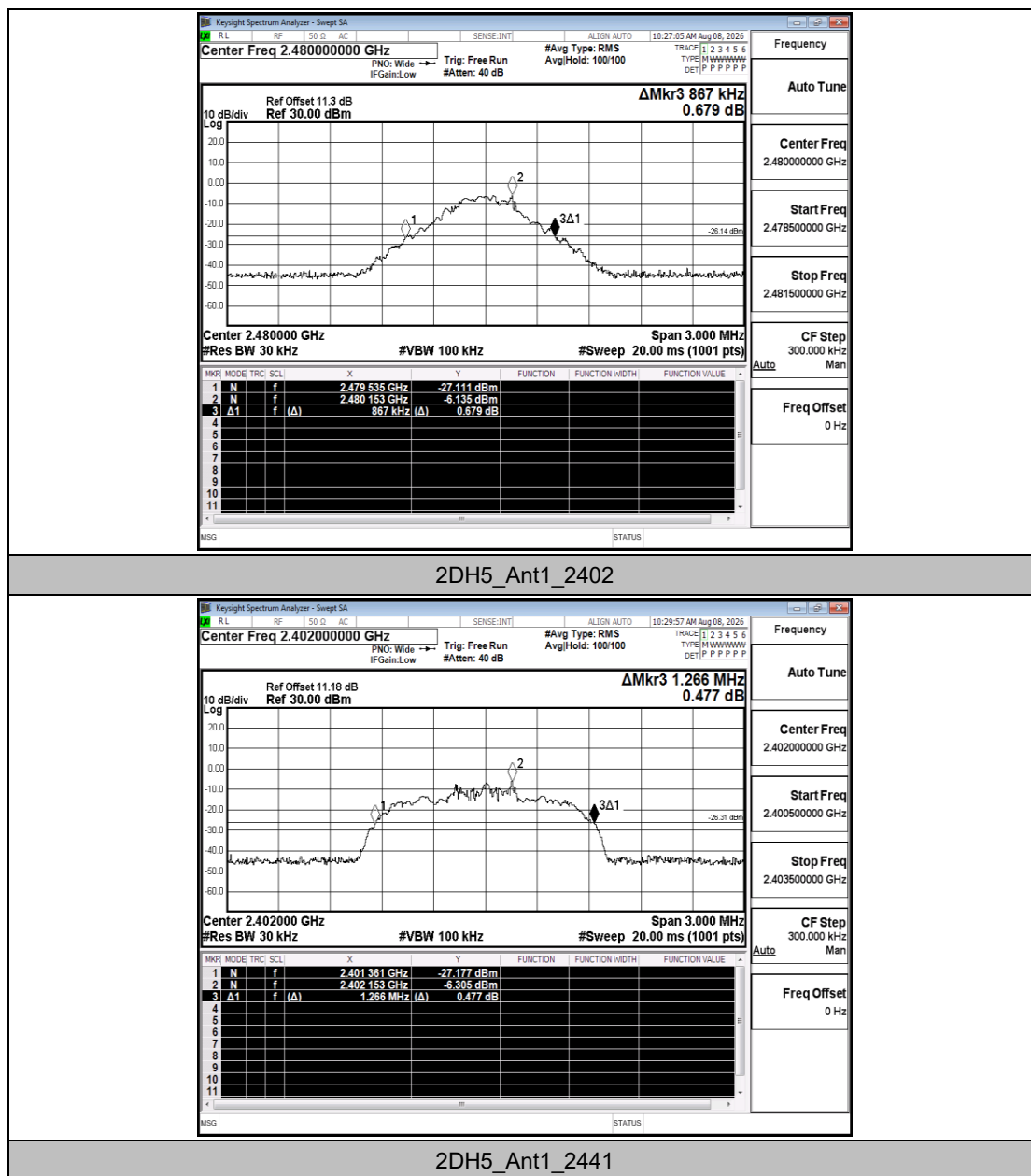
A.1 20dB Emission Bandwidth

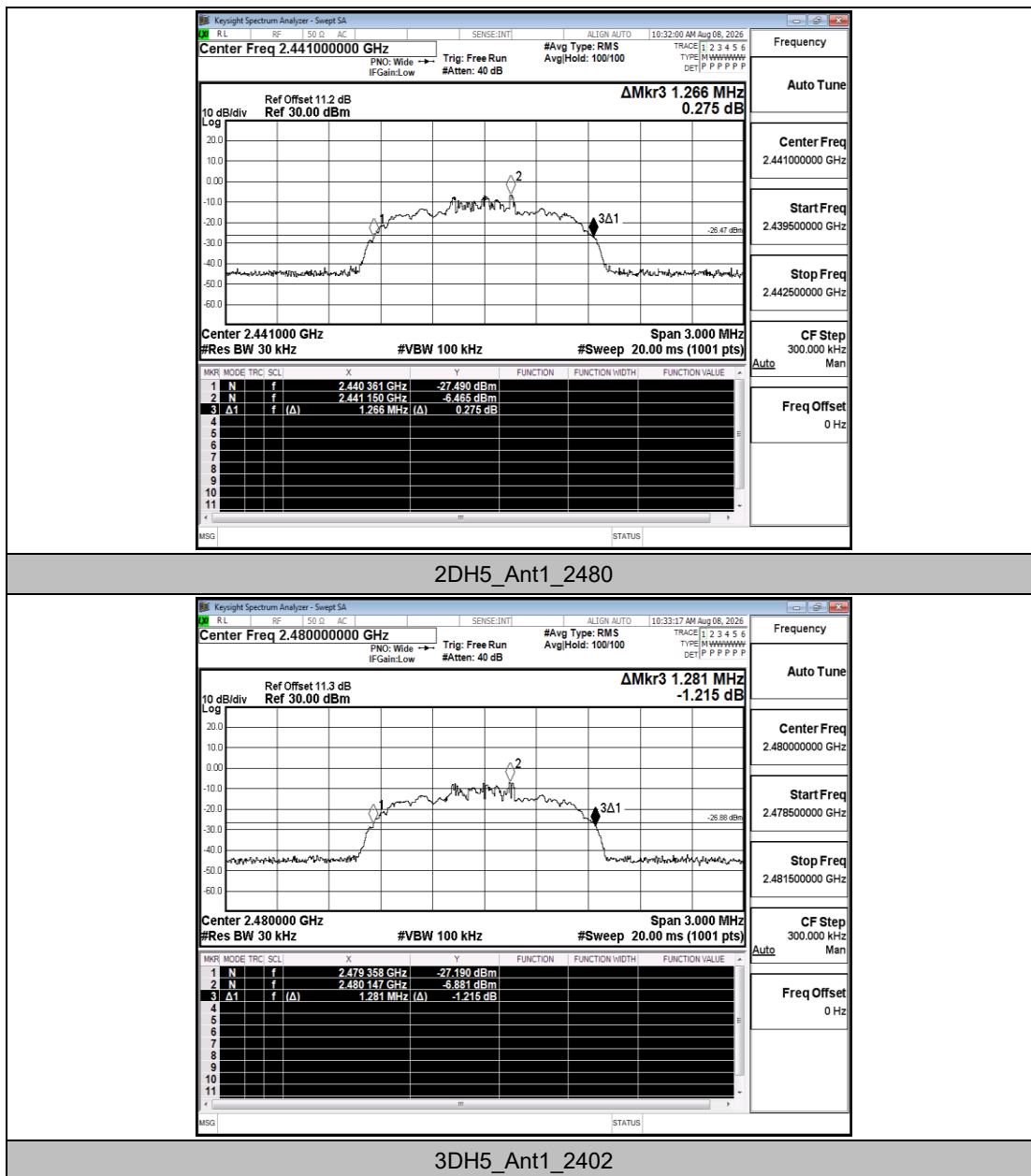
Test Result

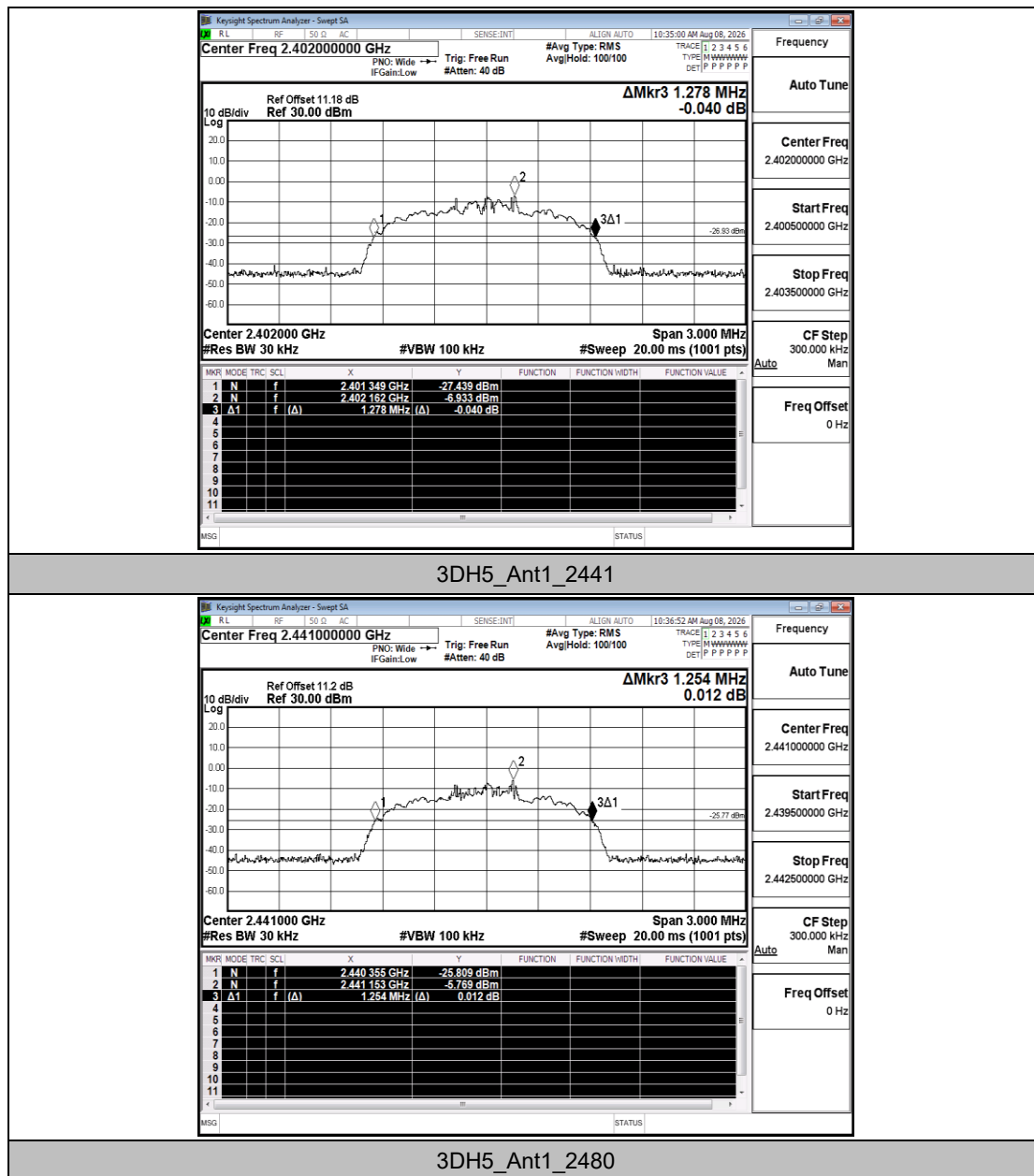
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.867	2401.538	2402.405	---	---
		2441	0.858	2440.541	2441.399	---	---
		2480	0.867	2479.535	2480.402	---	---
2DH5	Ant1	2402	1.266	2401.361	2402.627	---	---
		2441	1.266	2440.361	2441.627	---	---
		2480	1.281	2479.358	2480.639	---	---
3DH5	Ant1	2402	1.278	2401.349	2402.627	---	---
		2441	1.254	2440.355	2441.609	---	---
		2480	1.254	2479.355	2480.609	---	---

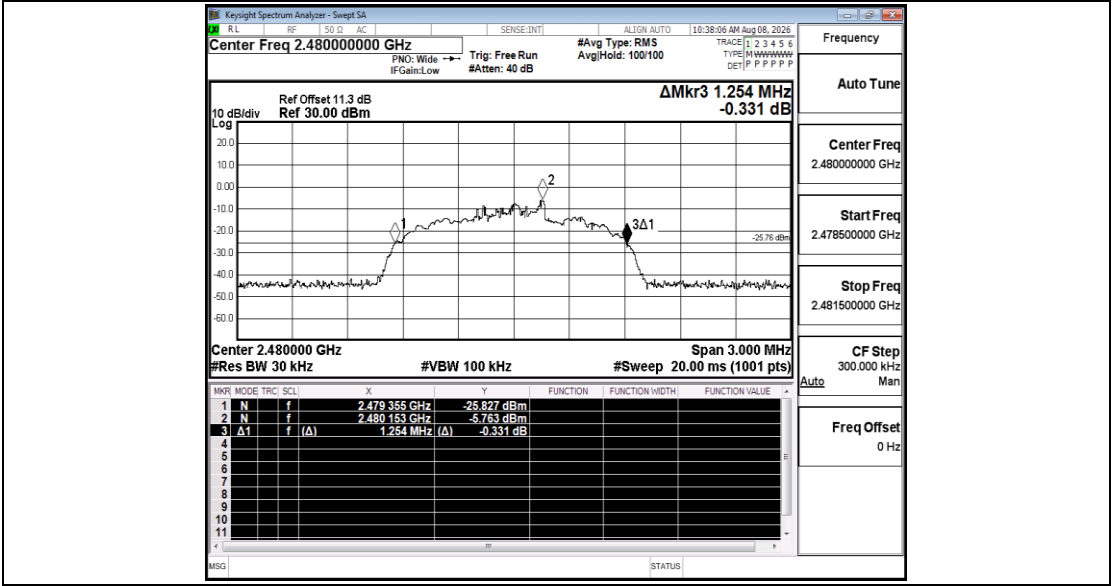
Test Graphs









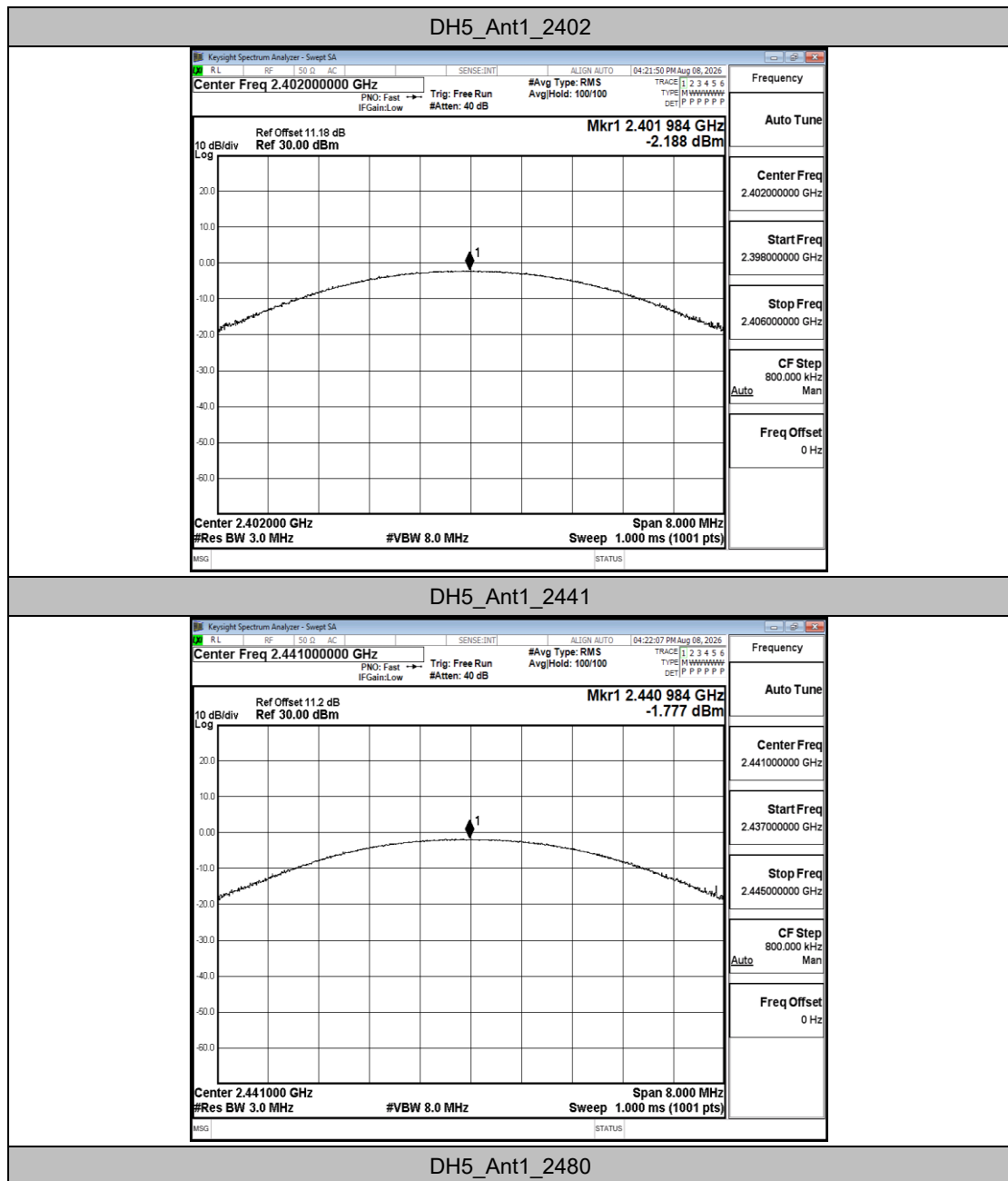


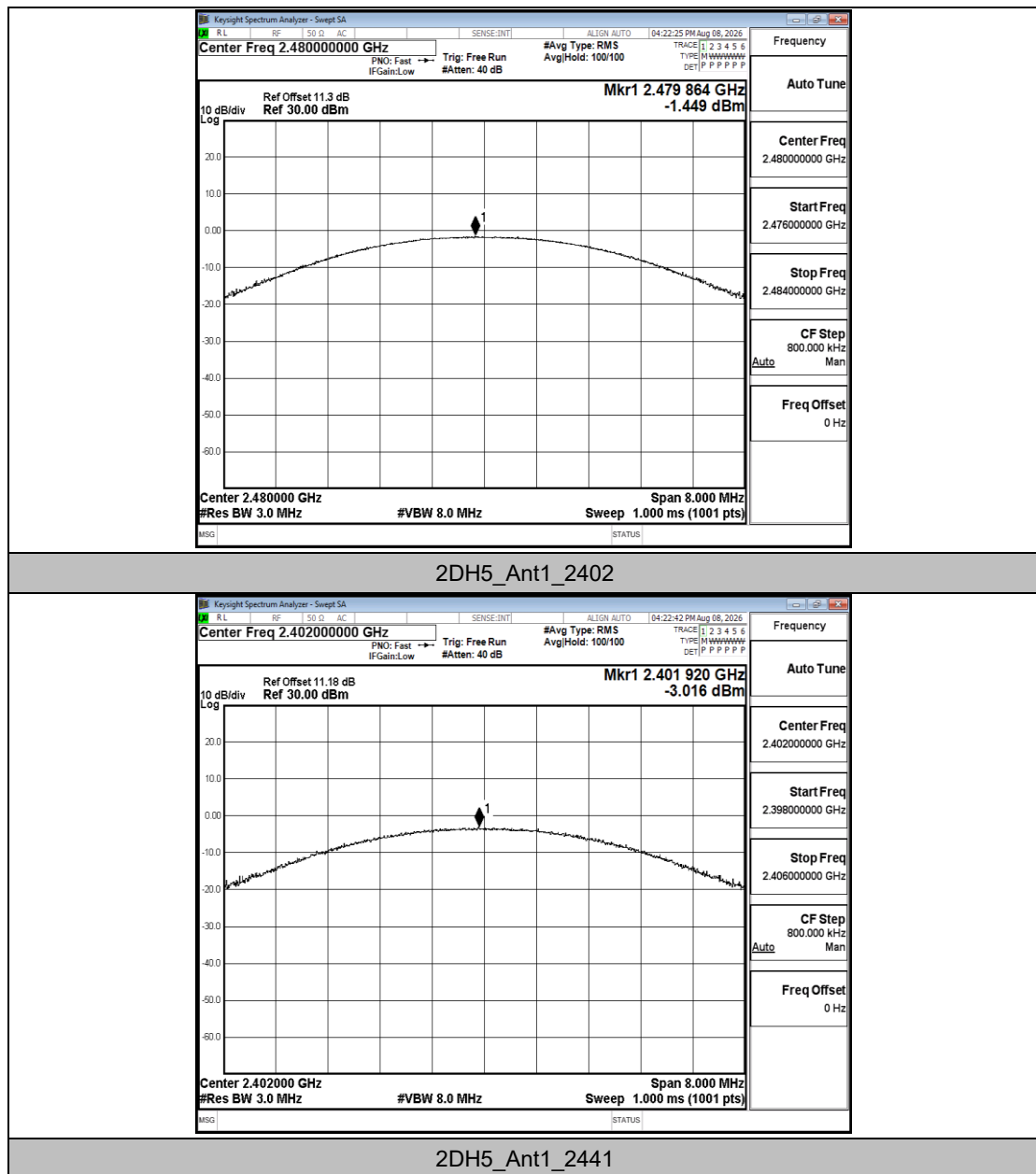
A.2 Maximum Peak conducted output power

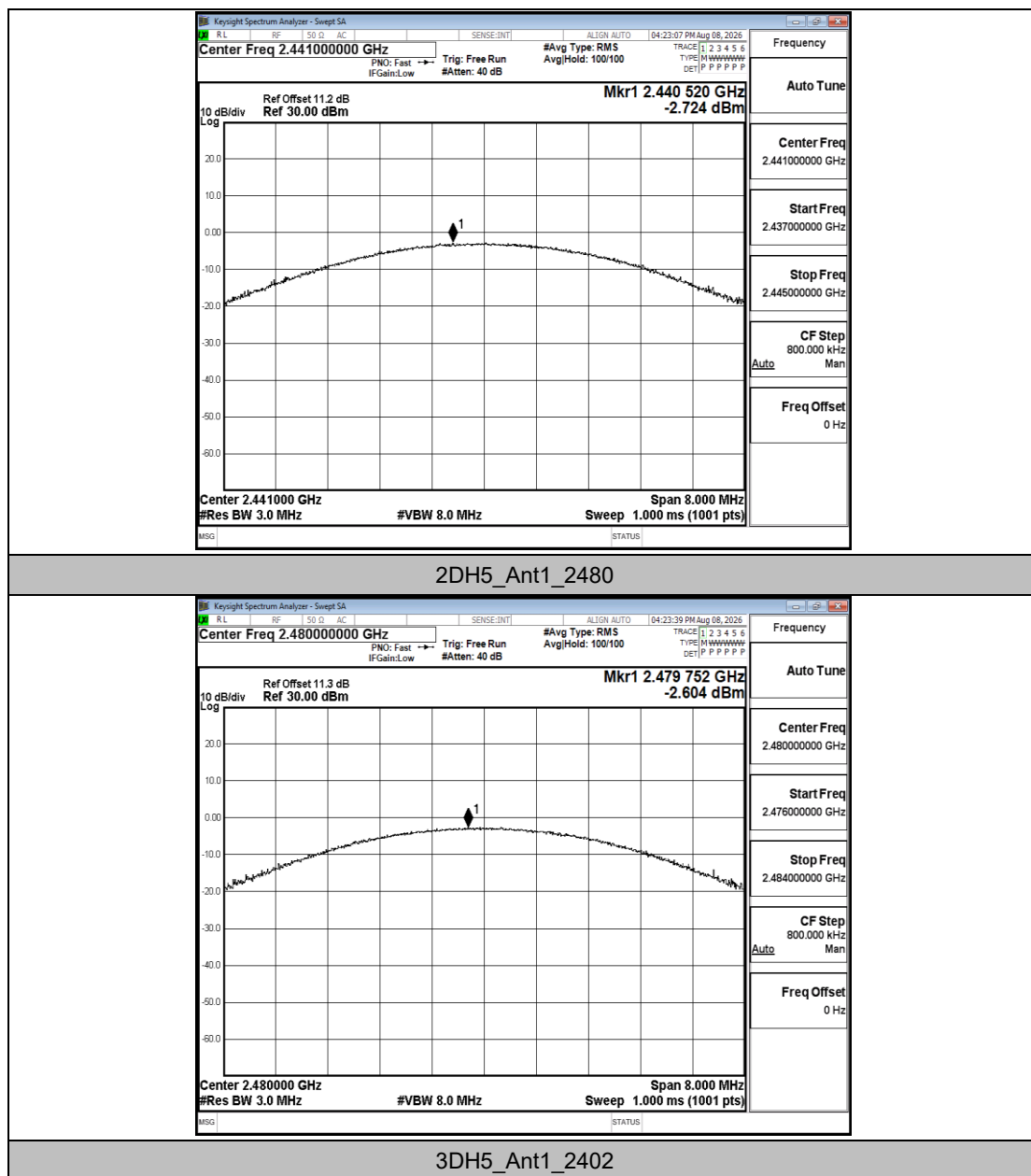
Test Result

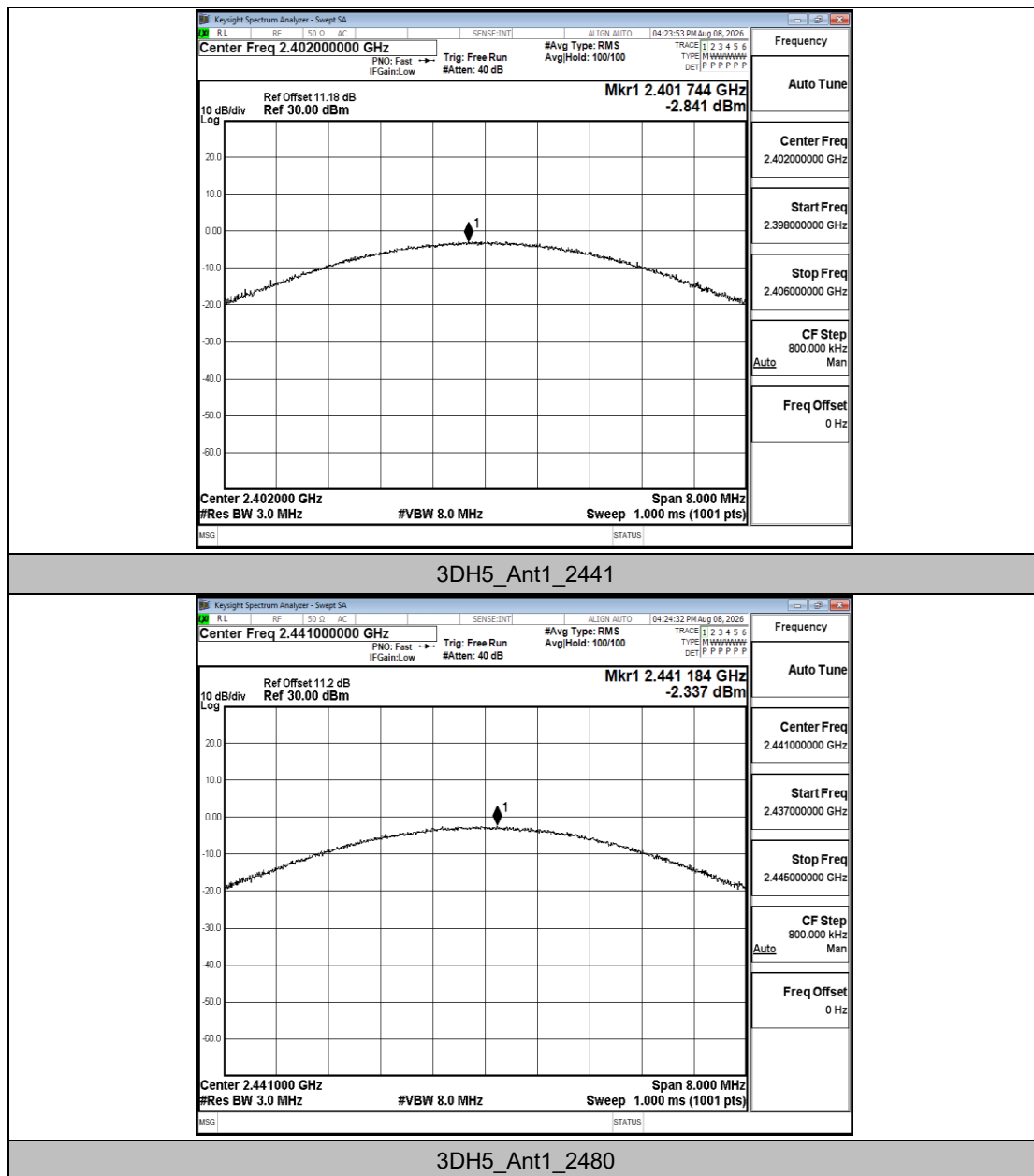
TestMode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.19	≤20.97	PASS
		2441	-1.78	≤20.97	PASS
		2480	-1.45	≤20.97	PASS
2DH5	Ant1	2402	-3.02	≤20.97	PASS
		2441	-2.72	≤20.97	PASS
		2480	-2.60	≤20.97	PASS
3DH5	Ant1	2402	-2.84	≤20.97	PASS
		2441	-2.34	≤20.97	PASS
		2480	-1.83	≤20.97	PASS

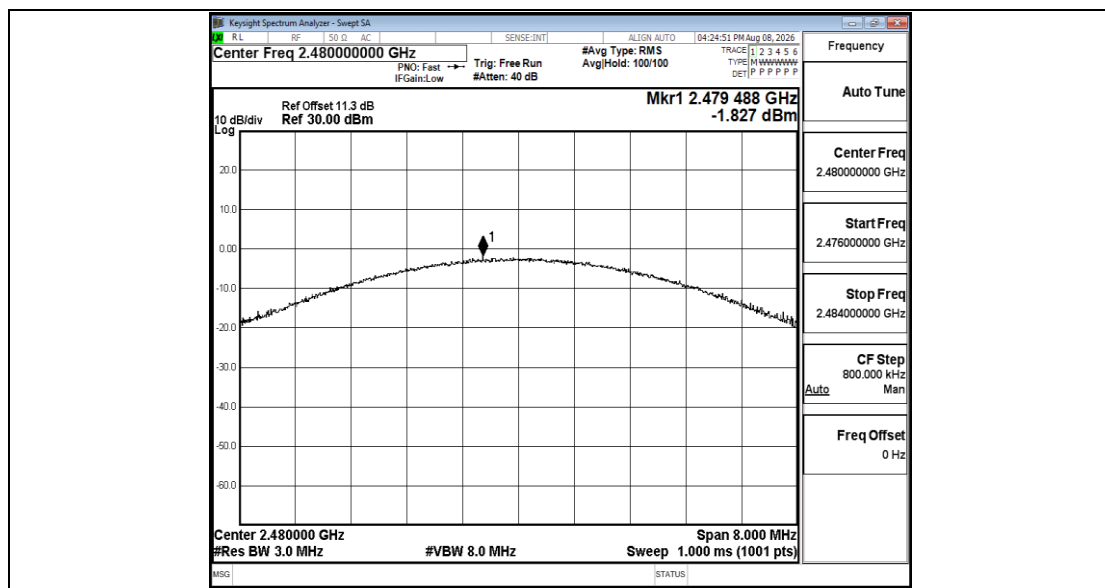
Test Graphs









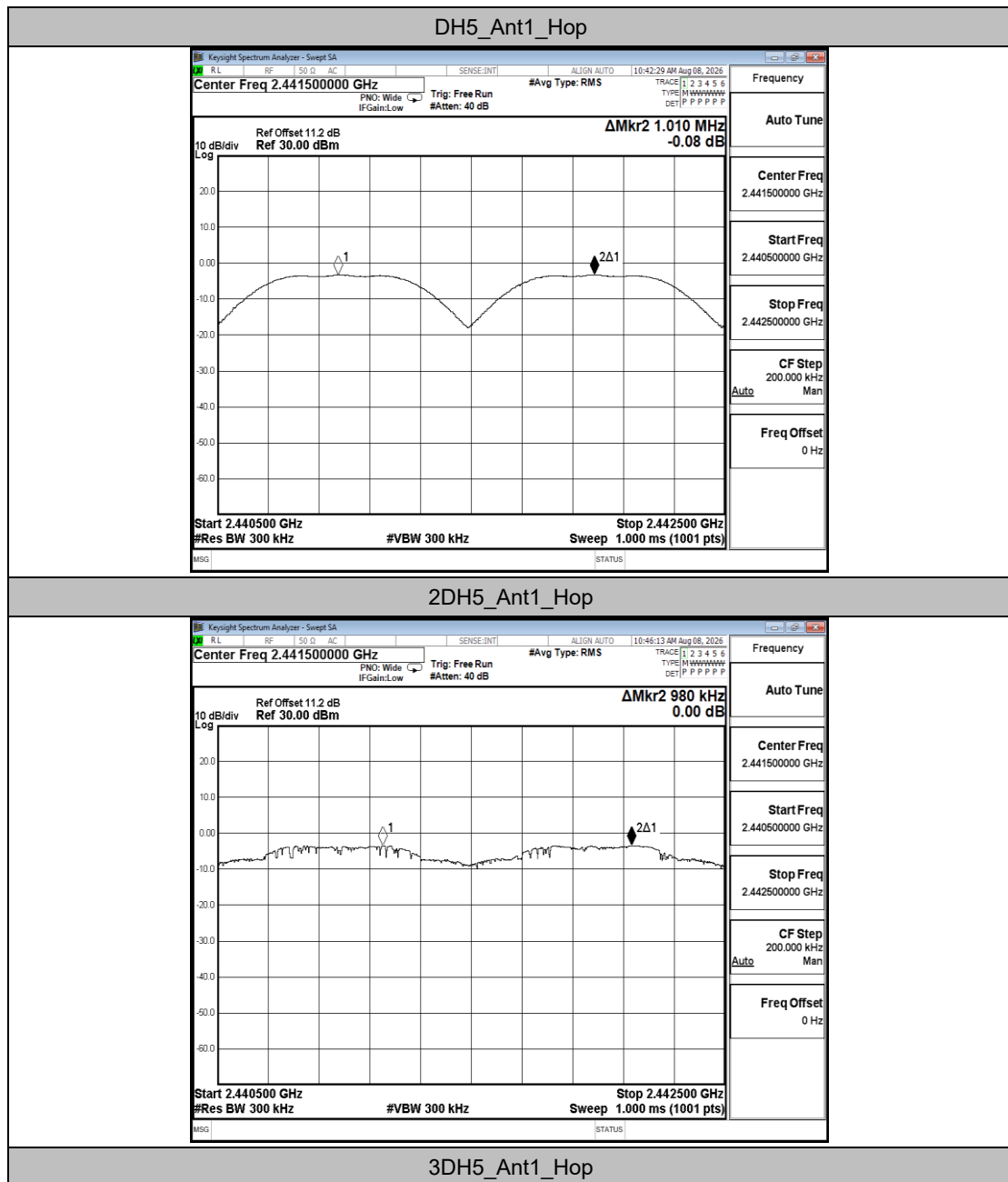


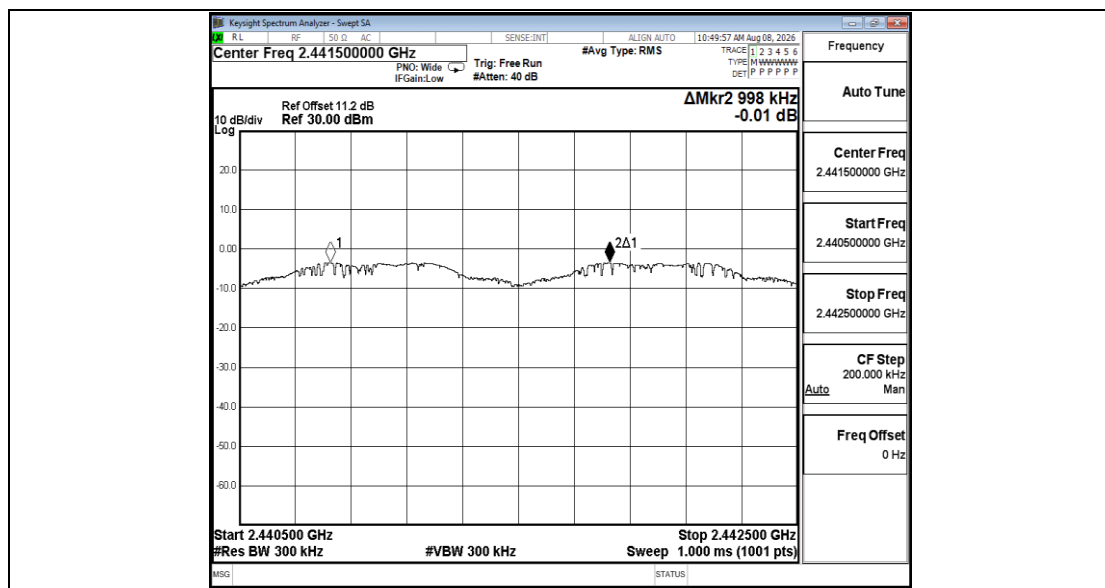
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.01	≥ 0.867	PASS
2DH5	Ant1	Hop	0.98	≥ 0.854	PASS
3DH5	Ant1	Hop	0.998	≥ 0.852	PASS

Test Graphs



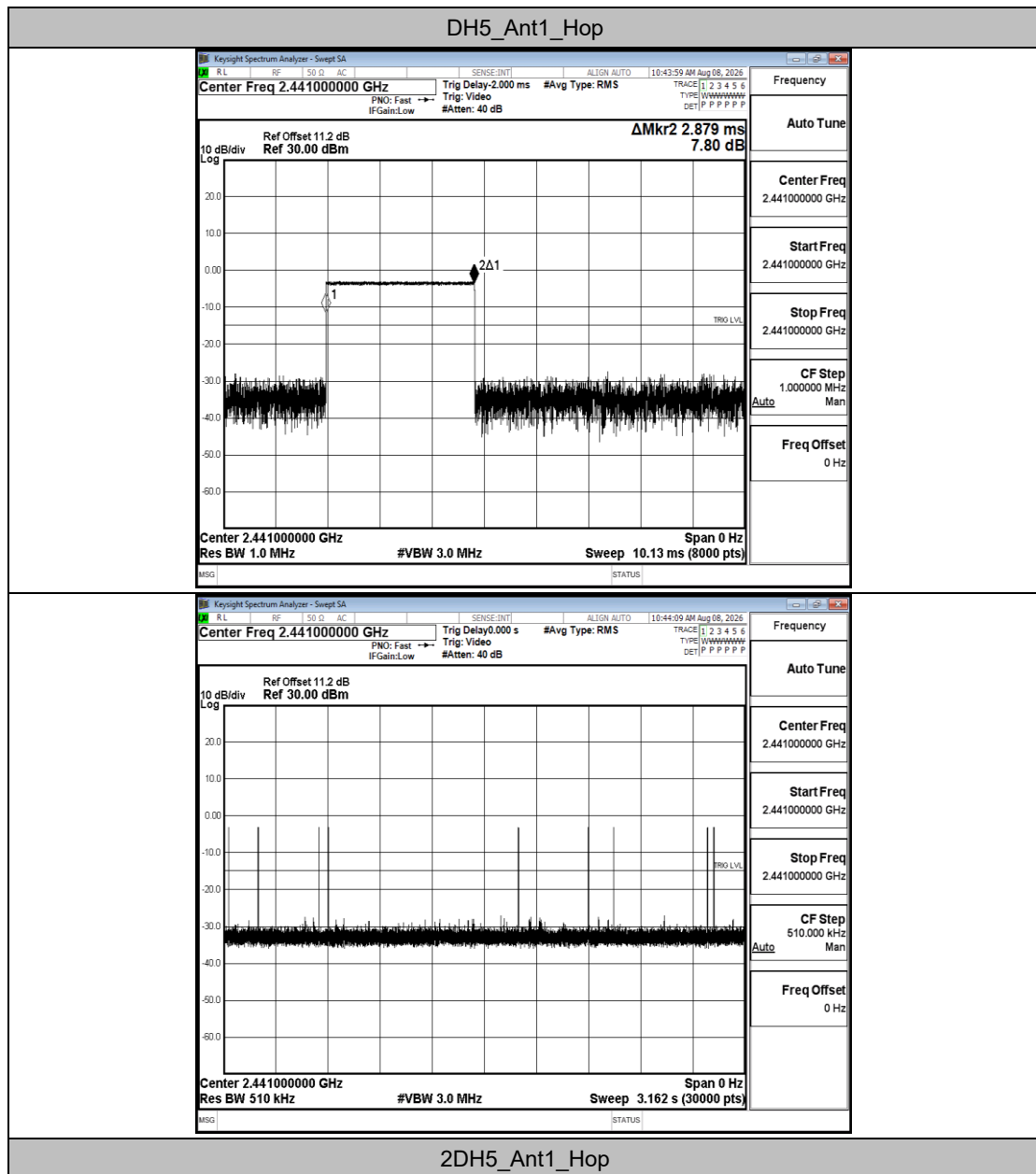


A.4 Time of occupancy

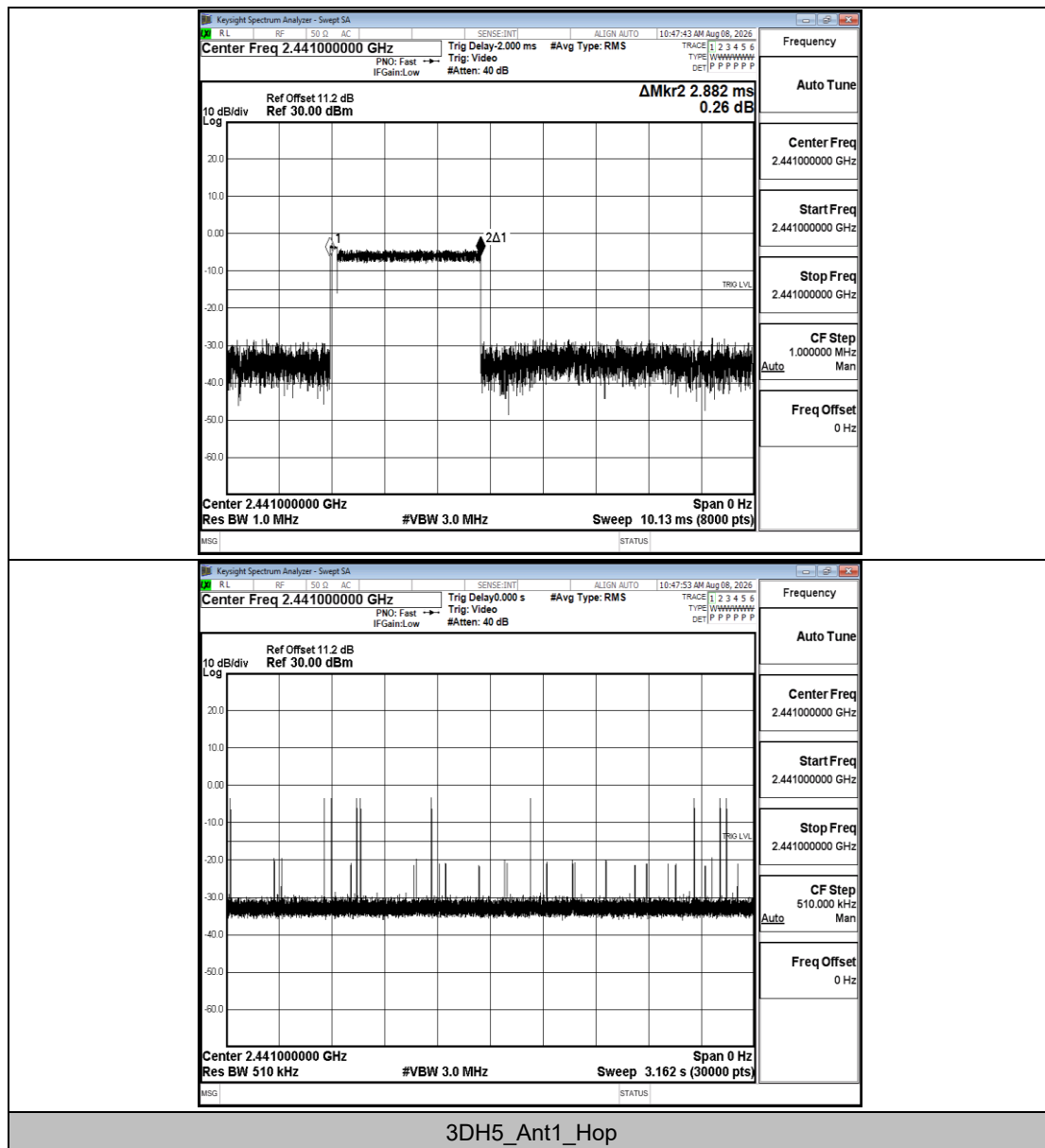
Test Result

TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.879	100	0.288	≤0.4	PASS
2DH5	Ant1	Hop	2.882	110	0.317	≤0.4	PASS
3DH5	Ant1	Hop	2.884	110	0.317	≤0.4	PASS

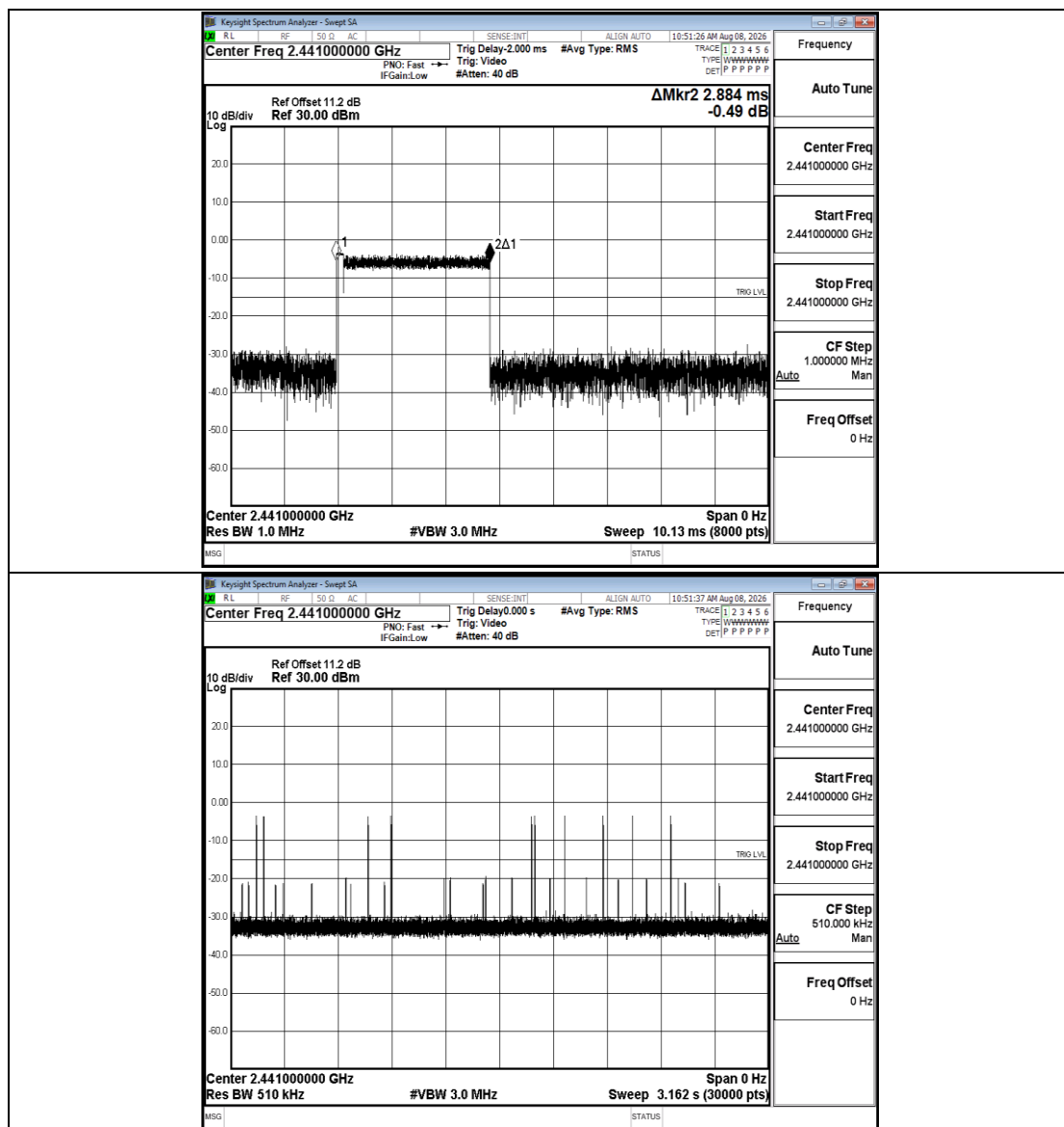
Test Graphs



2DH5_Ant1_Hop



3DH5_Ant1_Hop

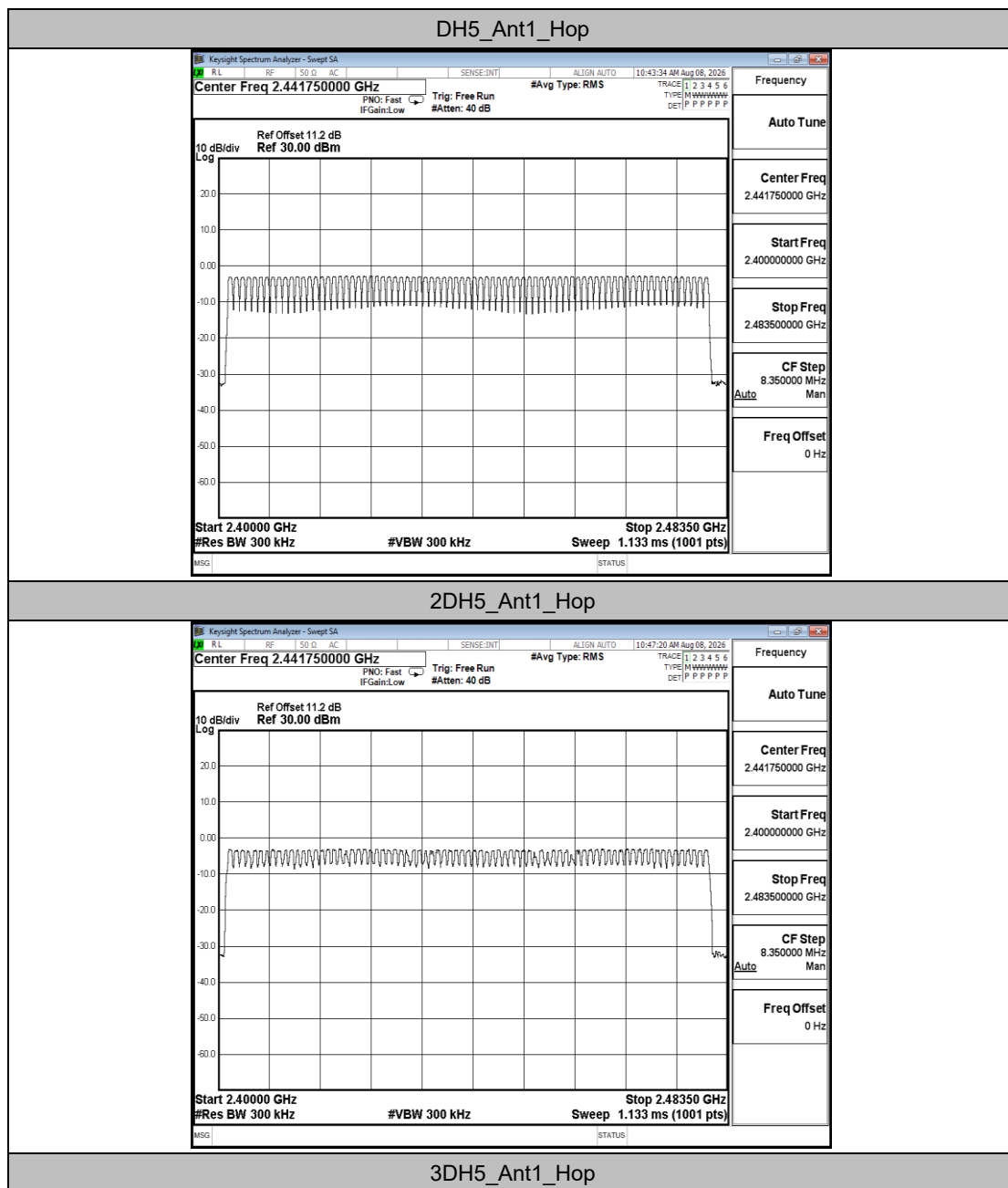


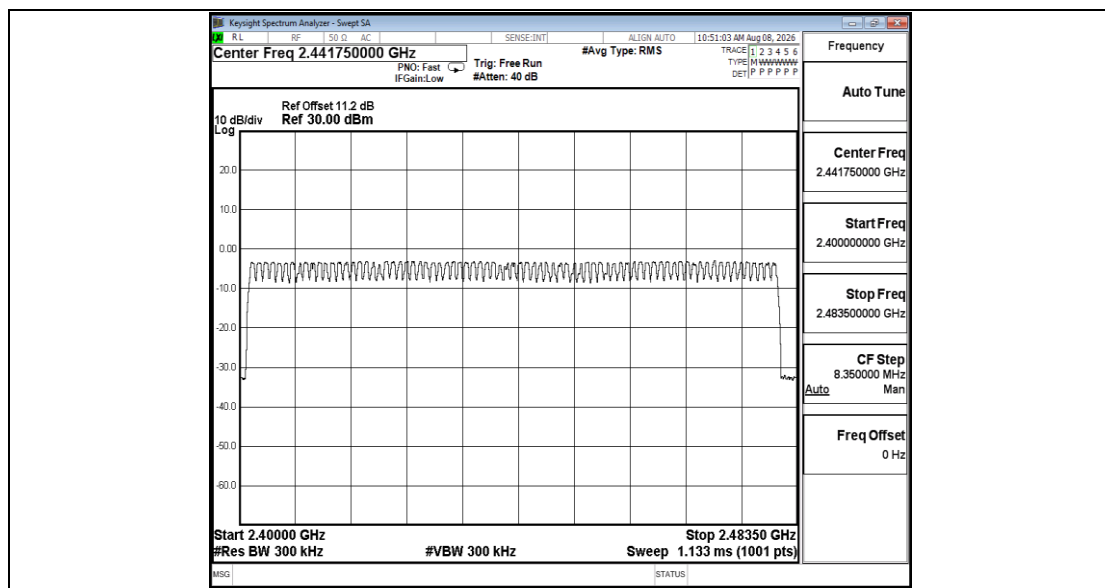
A.5 Number of hopping channels

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



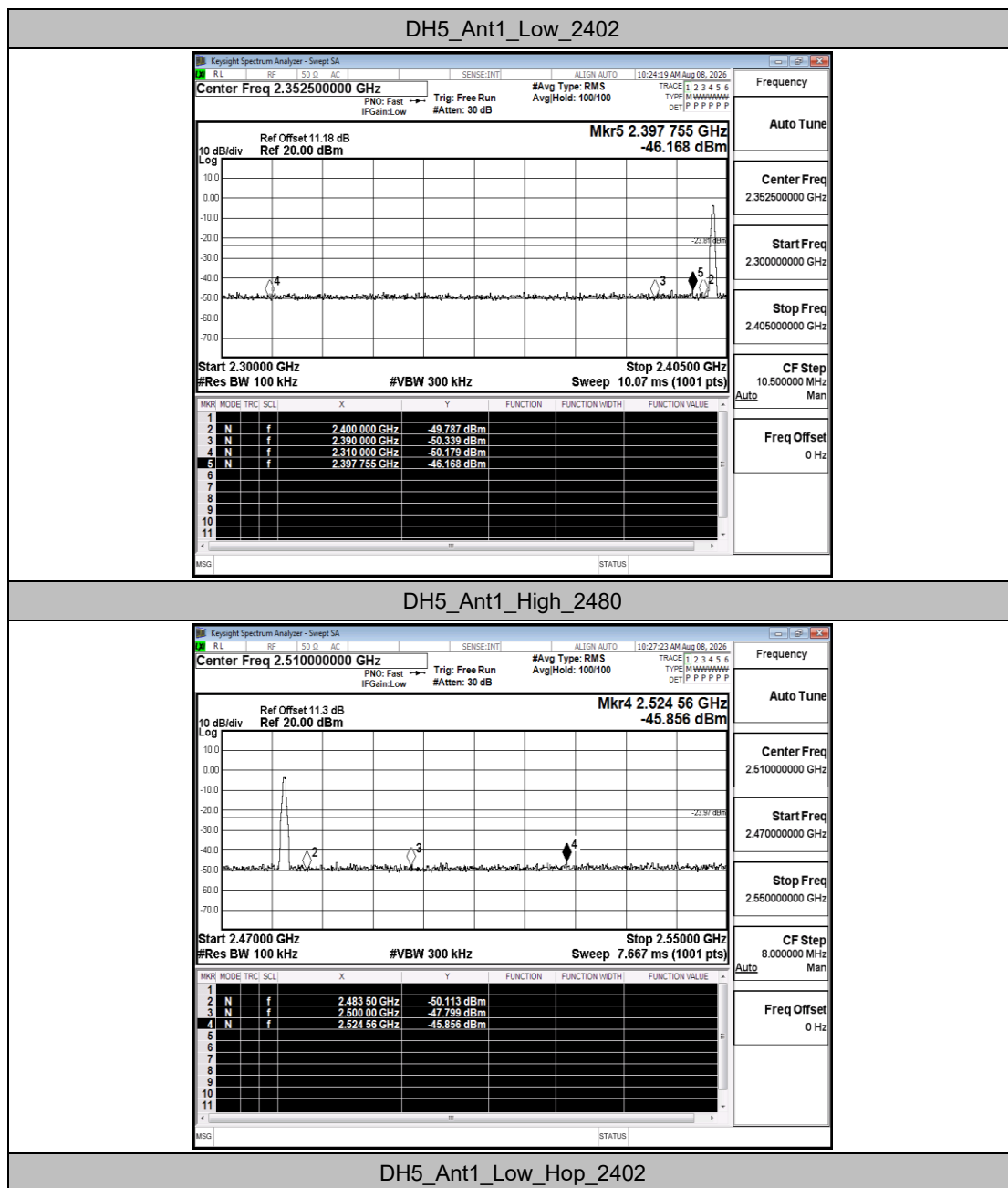


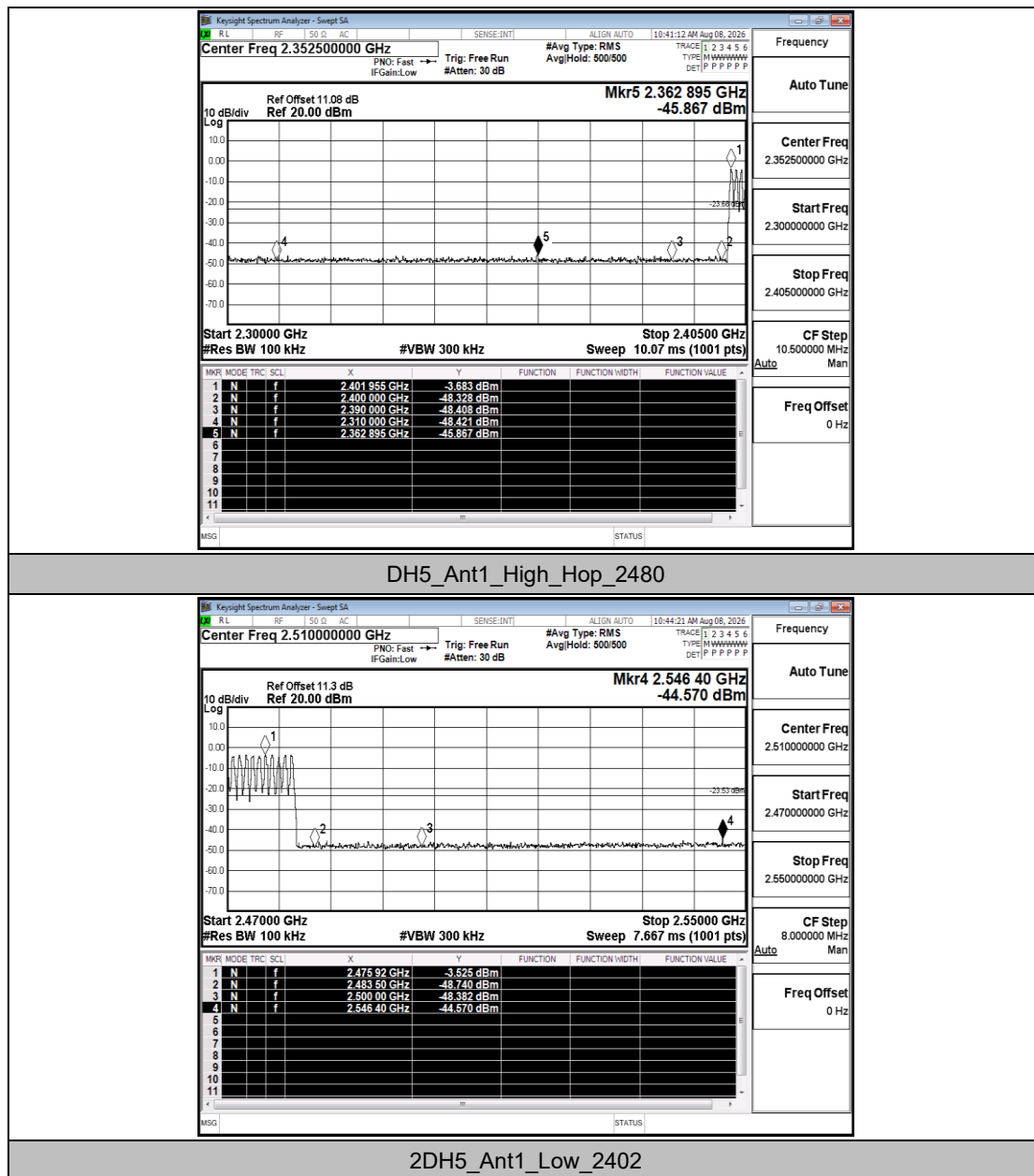
A.6 Band edge measurements

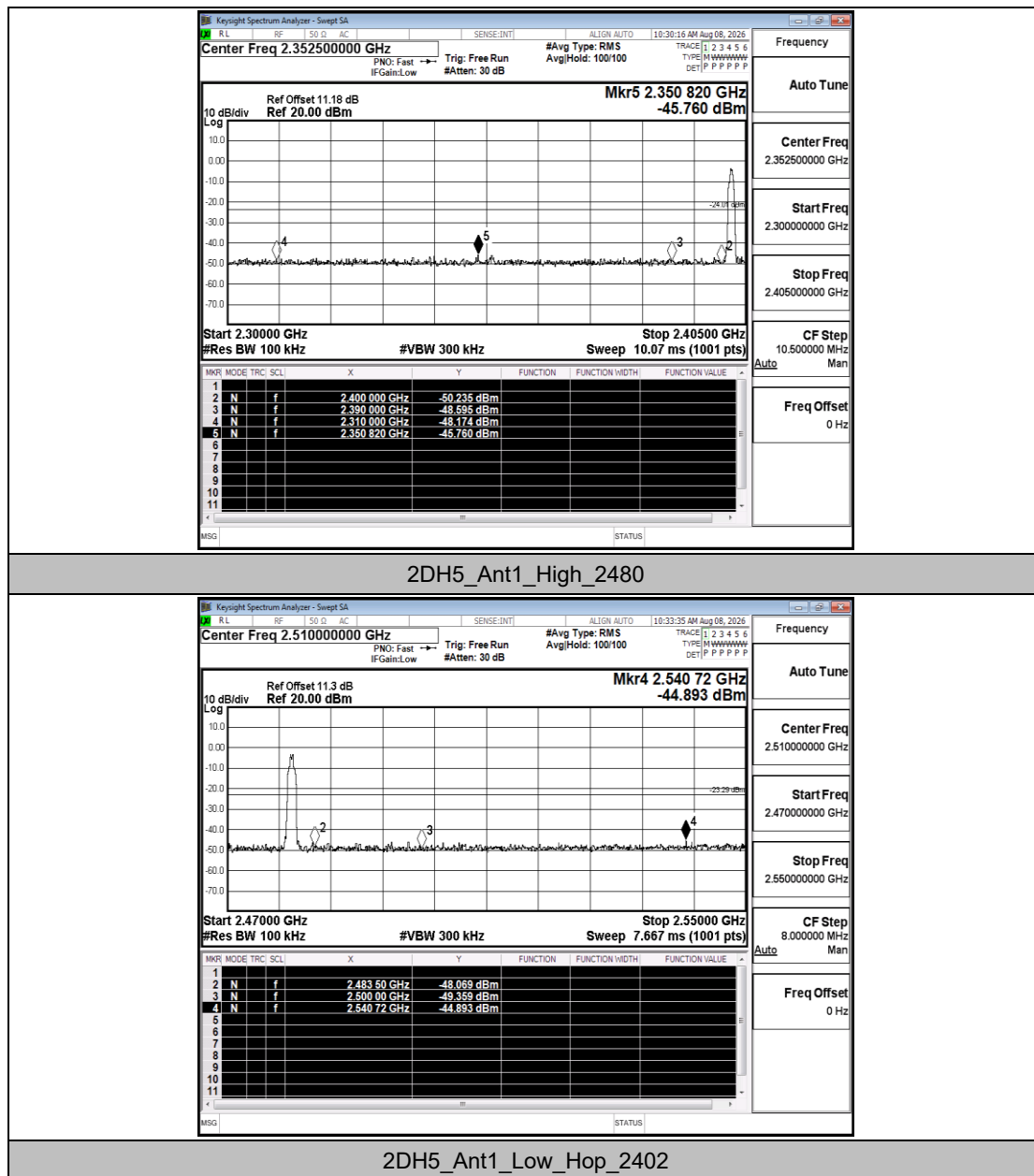
Test Result

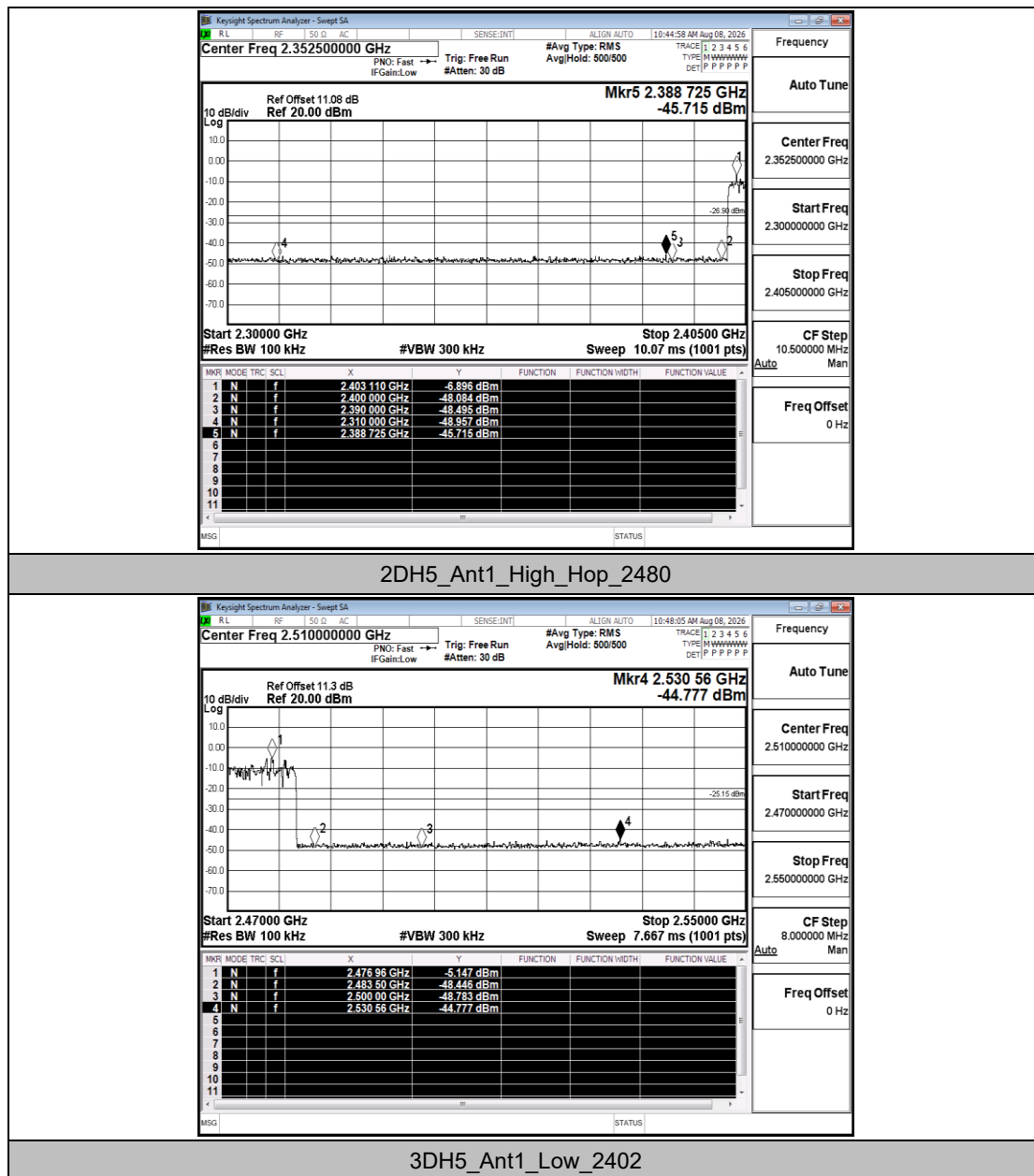
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.81	-46.17	≤ -23.81	PASS
		High	2480	-3.97	-45.86	≤ -23.97	PASS
		Low	Hop_2402	-3.68	-45.87	≤ -23.68	PASS
		High	Hop_2480	-3.53	-44.57	≤ -23.53	PASS
2DH5	Ant1	Low	2402	-4.01	-45.76	≤ -24.01	PASS
		High	2480	-3.29	-44.89	≤ -23.29	PASS
		Low	Hop_2402	-6.90	-45.72	≤ -26.9	PASS
		High	Hop_2480	-5.15	-44.78	≤ -25.15	PASS
3DH5	Ant1	Low	2402	-4.15	-46.6	≤ -24.15	PASS
		High	2480	-4.32	-45.91	≤ -24.32	PASS
		Low	Hop_2402	-4.03	-45.56	≤ -24.03	PASS
		High	Hop_2480	-6.81	-45.38	≤ -26.81	PASS

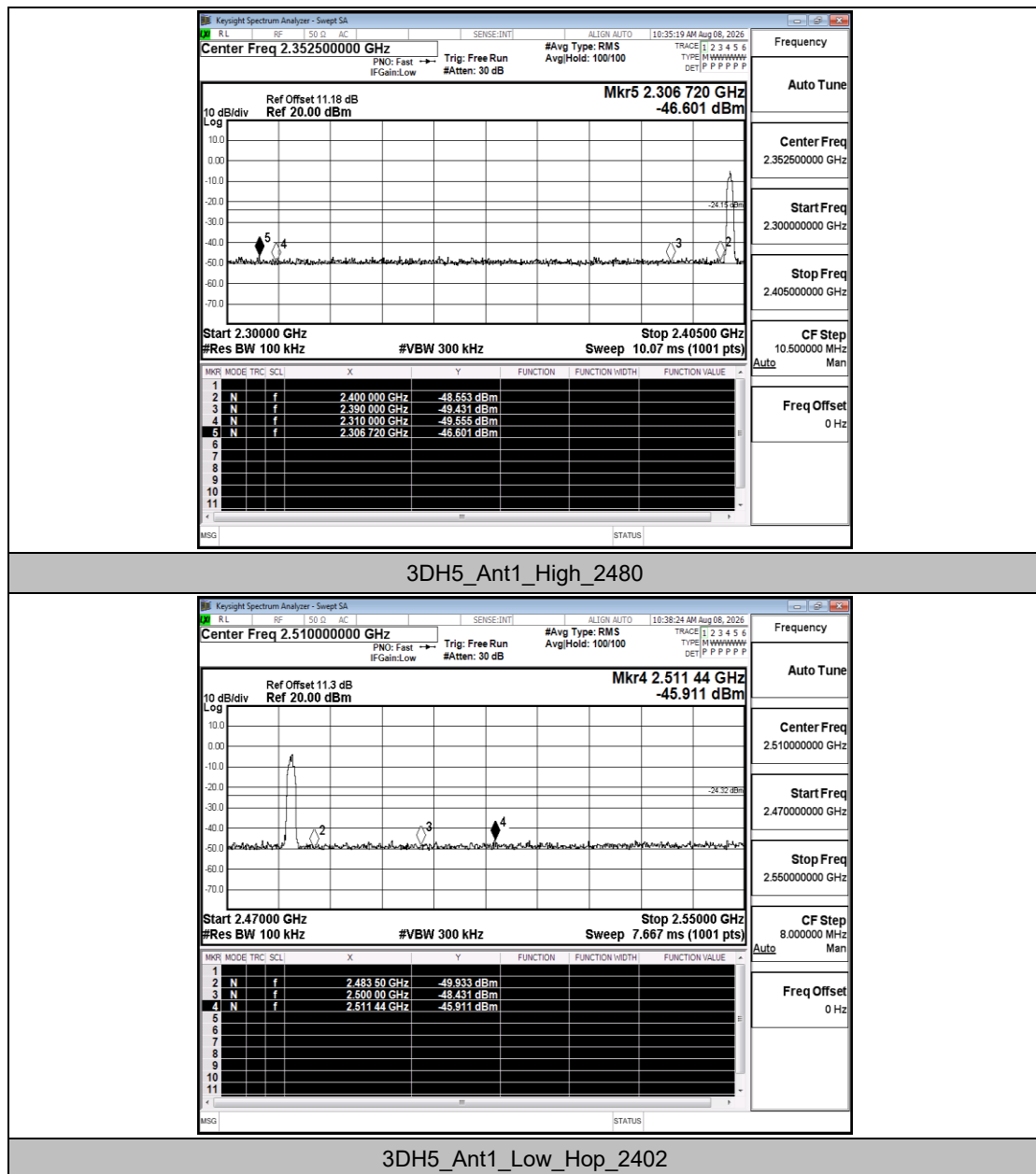
Test Graphs

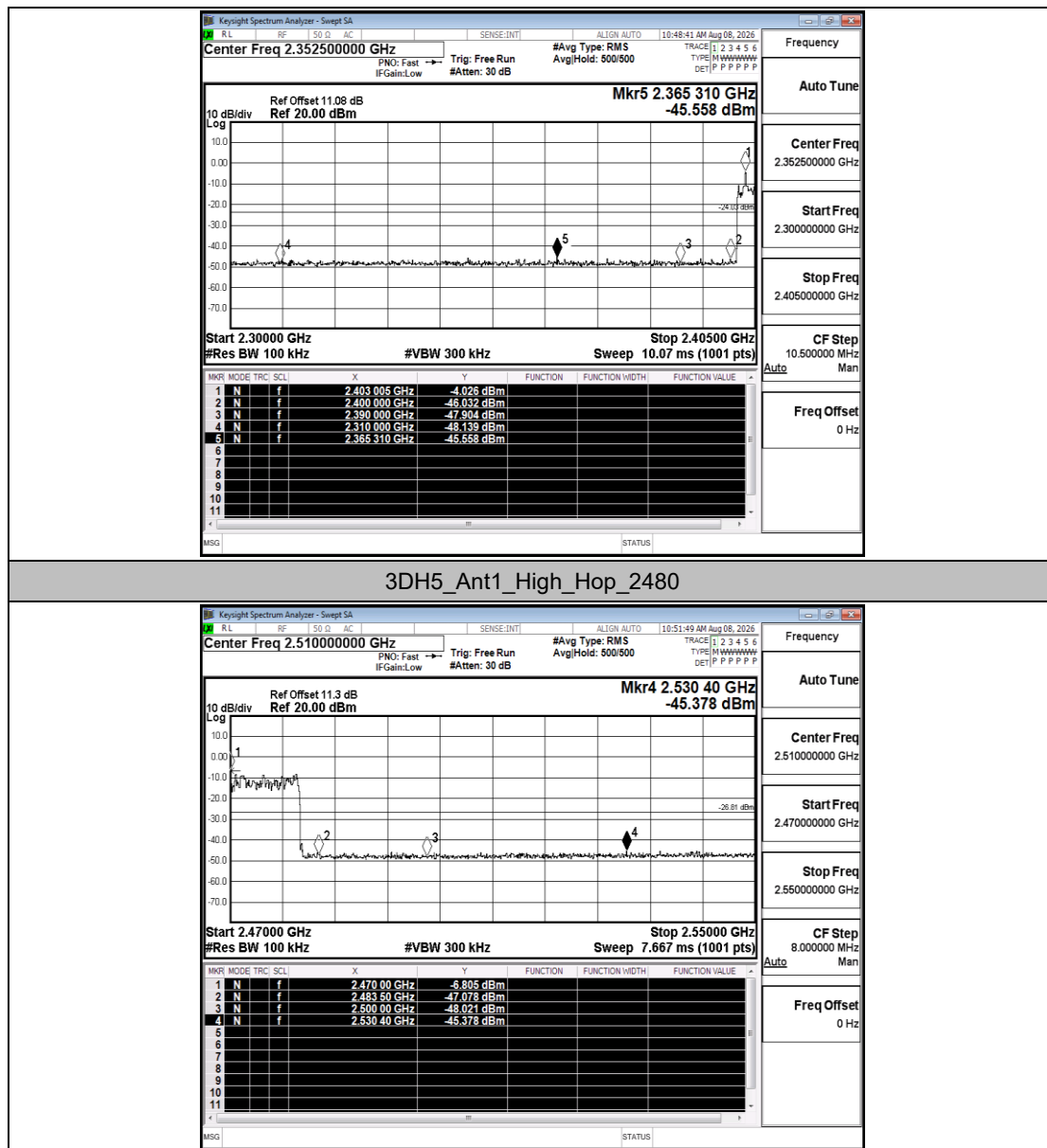












A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-3.85	-3.85	---	PASS
			30~1000	-3.85	-69.44	≤-23.85	PASS
			1000~26500	-3.85	-44.55	≤-23.85	PASS
		2441	Reference	-3.90	-3.90	---	PASS
			30~1000	-3.90	-70.28	≤-23.9	PASS
			1000~26500	-3.90	-44.27	≤-23.9	PASS
		2480	Reference	-3.79	-3.79	---	PASS
			30~1000	-3.79	-69.62	≤-23.79	PASS
			1000~26500	-3.79	-45.23	≤-23.79	PASS
2DH5	Ant1	2402	Reference	-3.32	-3.32	---	PASS
			30~1000	-3.32	-69.42	≤-23.32	PASS
			1000~26500	-3.32	-44.85	≤-23.32	PASS
		2441	Reference	-3.49	-3.49	---	PASS
			30~1000	-3.49	-70.5	≤-23.49	PASS
			1000~26500	-3.49	-45.14	≤-23.49	PASS
		2480	Reference	-3.32	-3.32	---	PASS
			30~1000	-3.32	-69.71	≤-23.32	PASS
			1000~26500	-3.32	-44.68	≤-23.32	PASS
3DH5	Ant1	2402	Reference	-3.42	-3.42	---	PASS
			30~1000	-3.42	-69.6	≤-23.42	PASS
			1000~26500	-3.42	-44.74	≤-23.42	PASS
		2441	Reference	-3.52	-3.52	---	PASS
			30~1000	-3.52	-69.62	≤-23.52	PASS
			1000~26500	-3.52	-44.23	≤-23.52	PASS
		2480	Reference	-3.40	-3.40	---	PASS
			30~1000	-3.40	-69.07	≤-23.4	PASS
			1000~26500	-3.40	-44.17	≤-23.4	PASS

Test Graphs

