

Appendix A

RF Test Data for BT (Conducted Measurement)

Tablet

Test Model: i101AC

Environmental Conditions

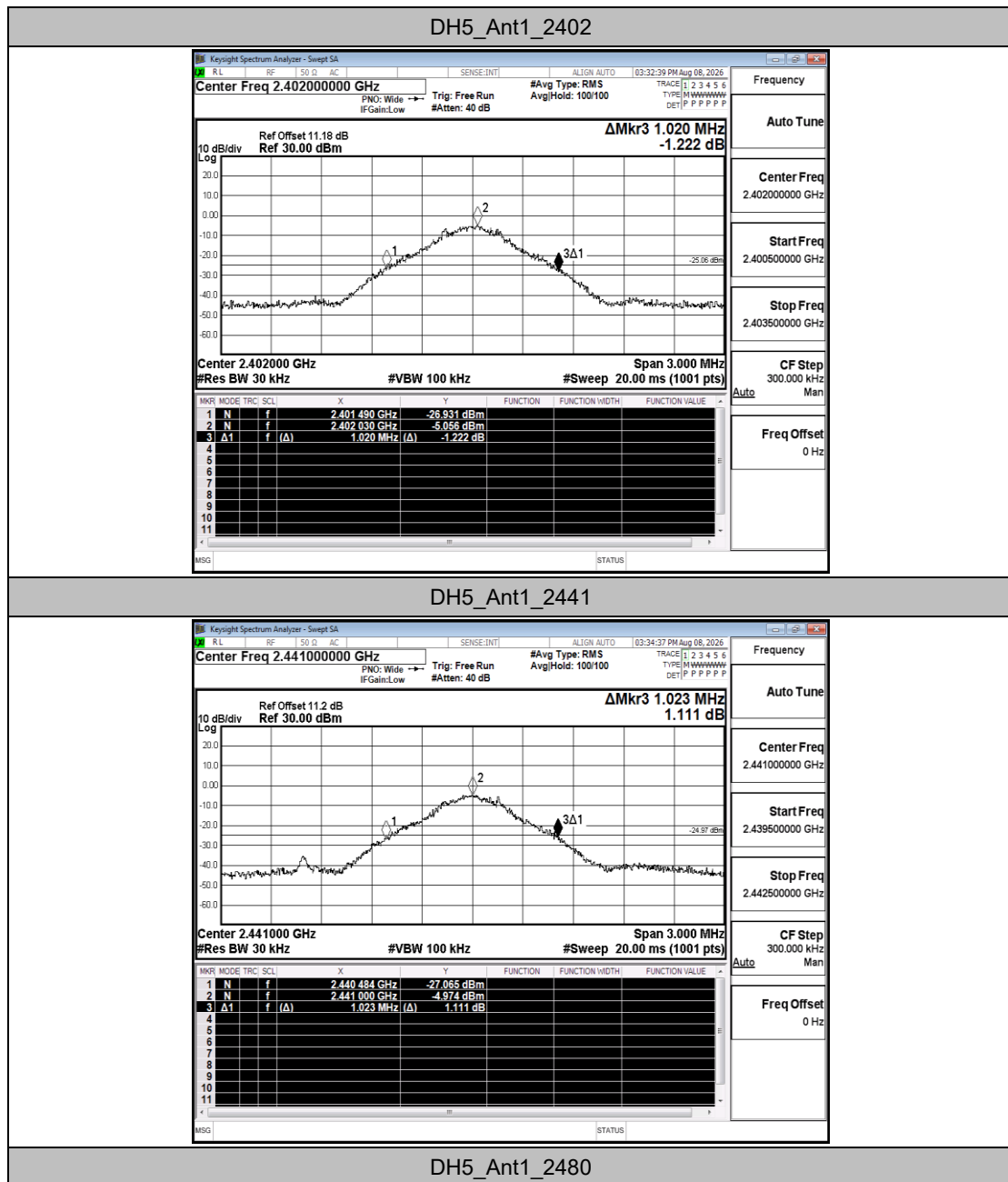
Temperature:	24.6° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

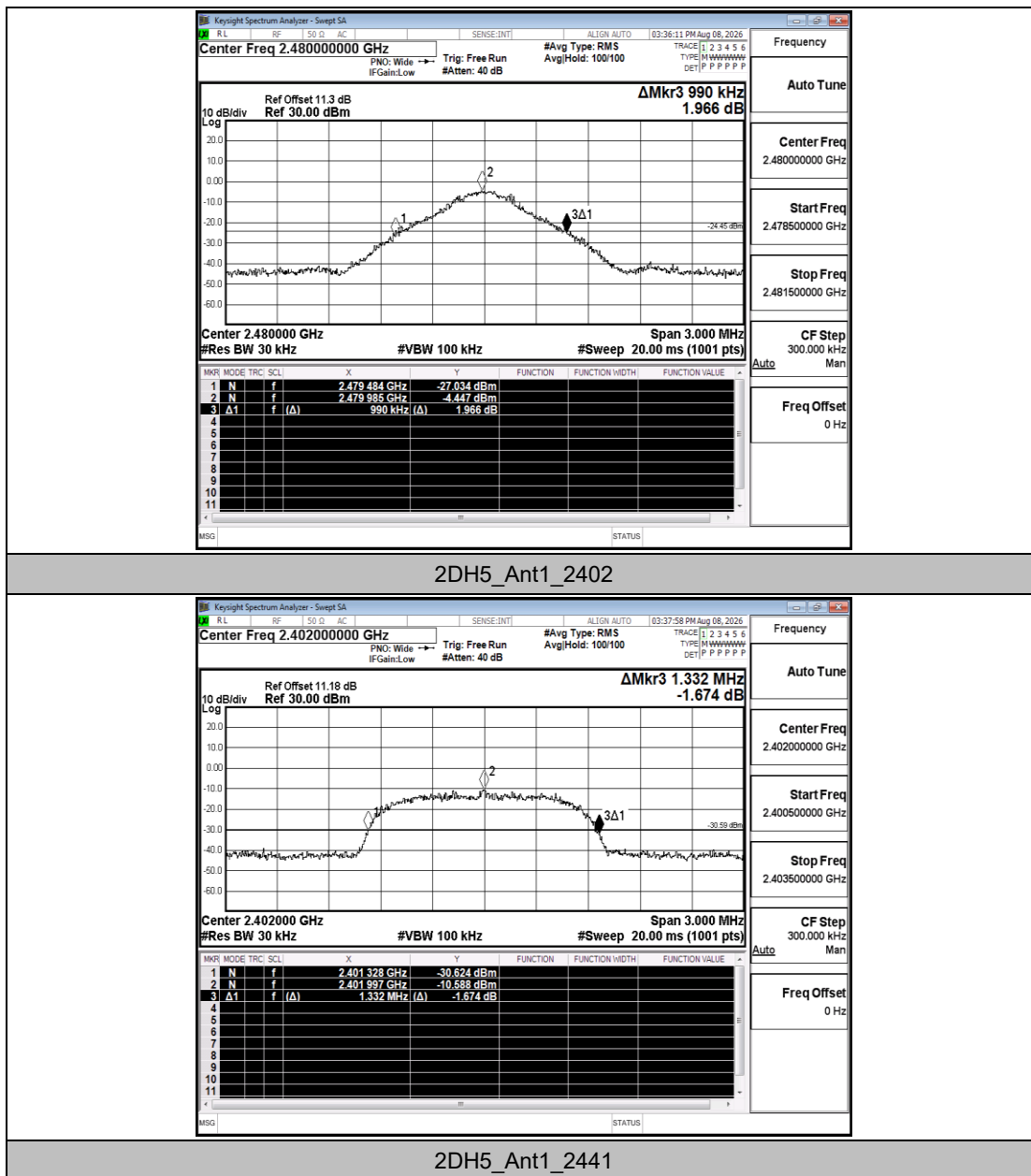
A.1 20dB Emission Bandwidth

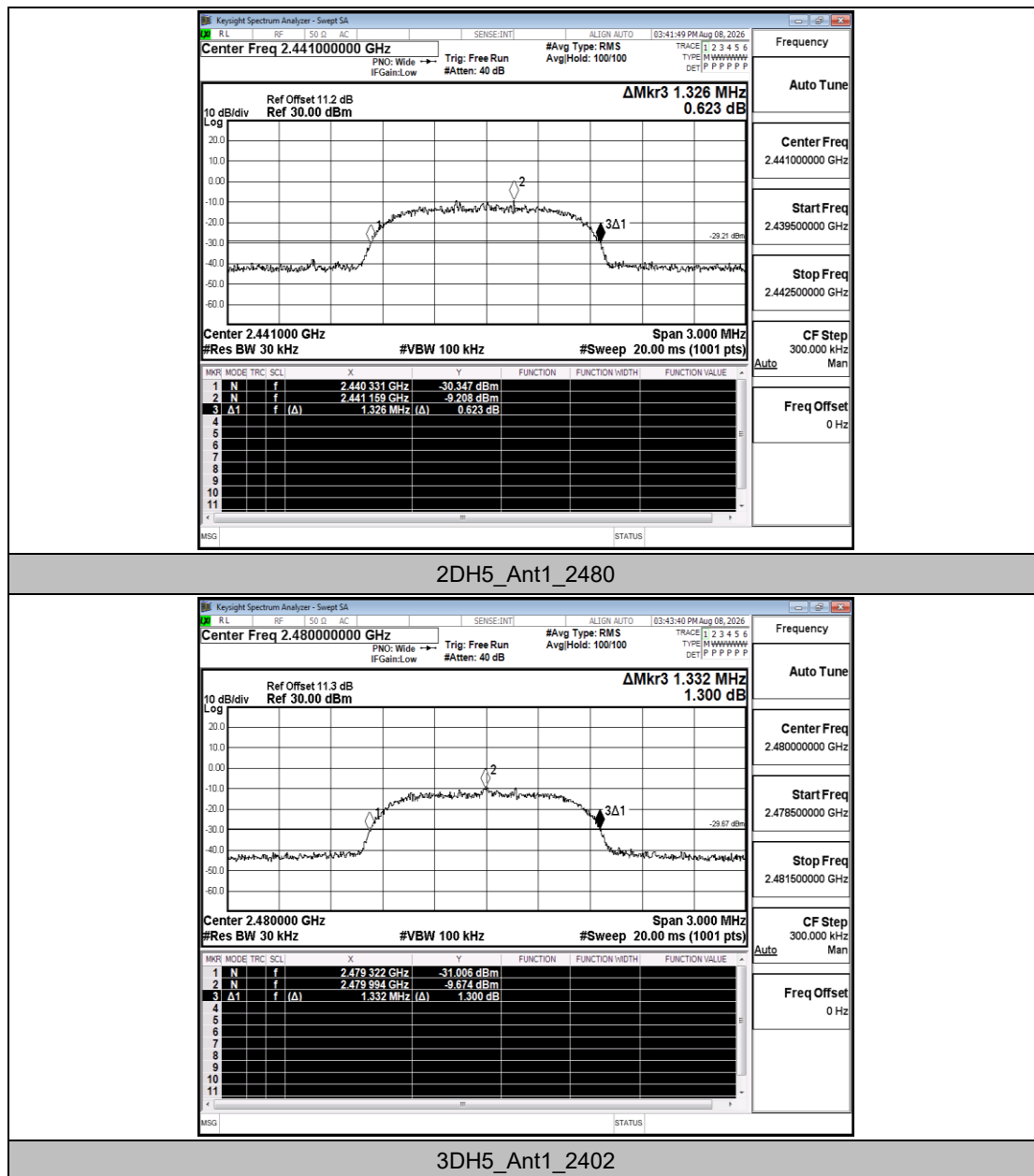
Test Result

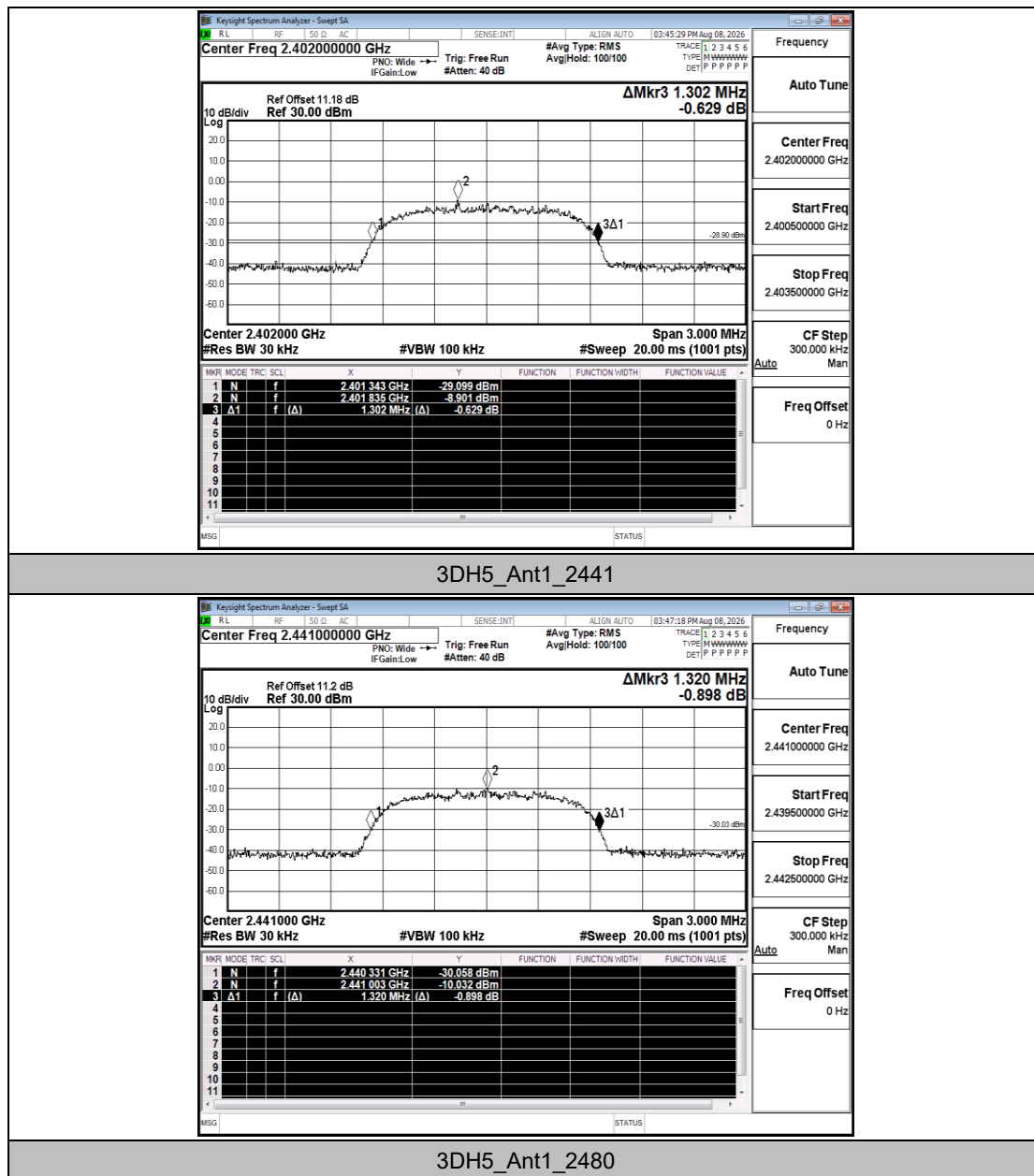
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	1.020	2401.490	2402.510	---	---
		2441	1.023	2440.484	2441.507	---	---
		2480	0.990	2479.484	2480.474	---	---
2DH5	Ant1	2402	1.332	2401.328	2402.660	---	---
		2441	1.326	2440.331	2441.657	---	---
		2480	1.332	2479.322	2480.654	---	---
3DH5	Ant1	2402	1.302	2401.343	2402.645	---	---
		2441	1.320	2440.331	2441.651	---	---
		2480	1.308	2479.343	2480.651	---	---

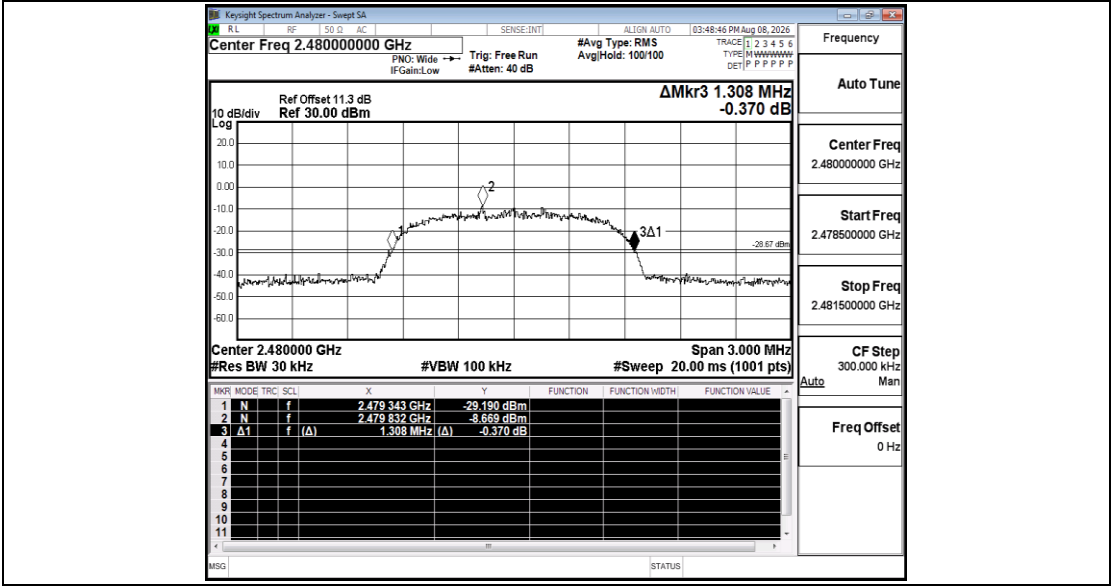
Test Graphs









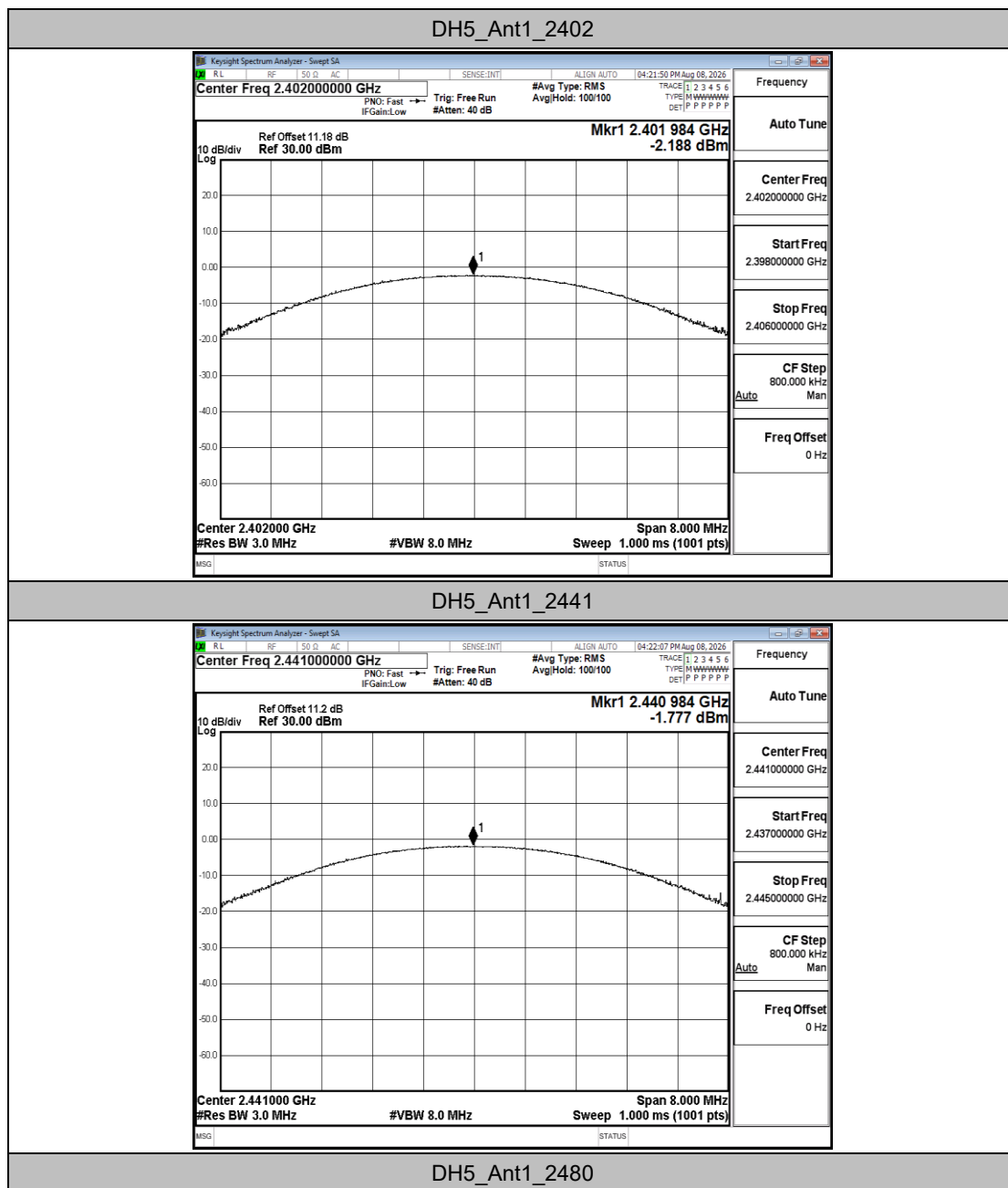


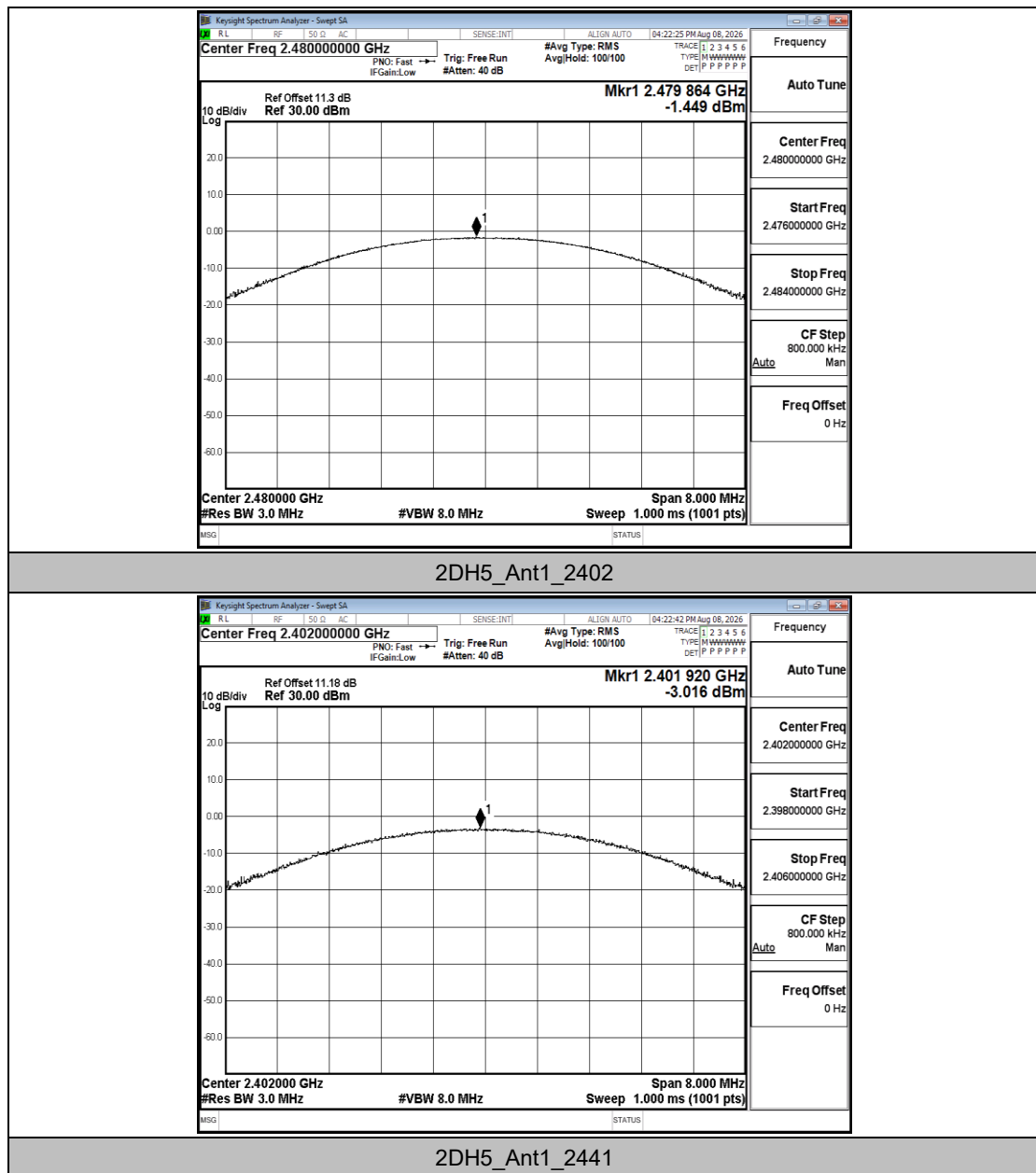
A.2 Maximum Peak conducted output power

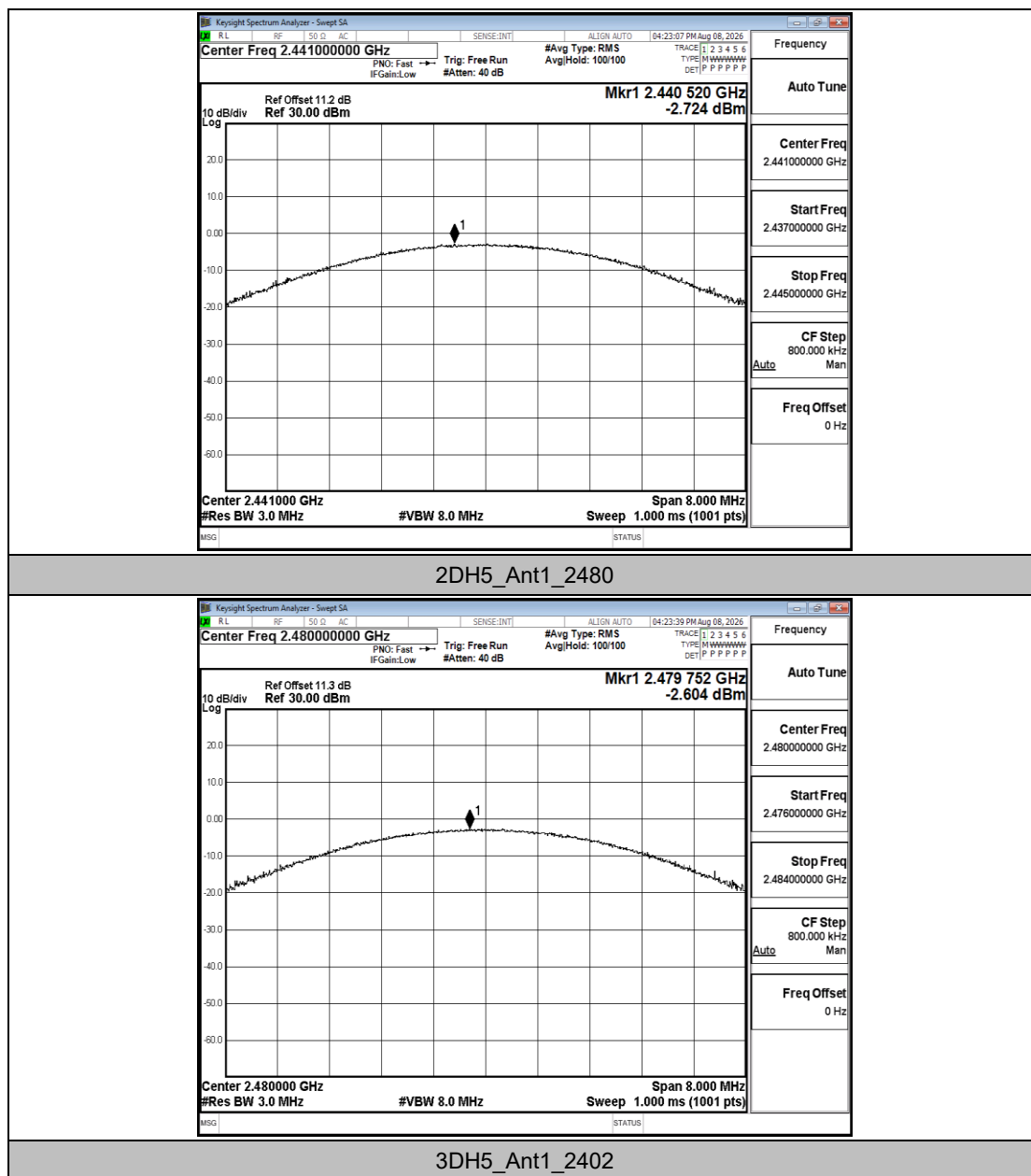
Test Result

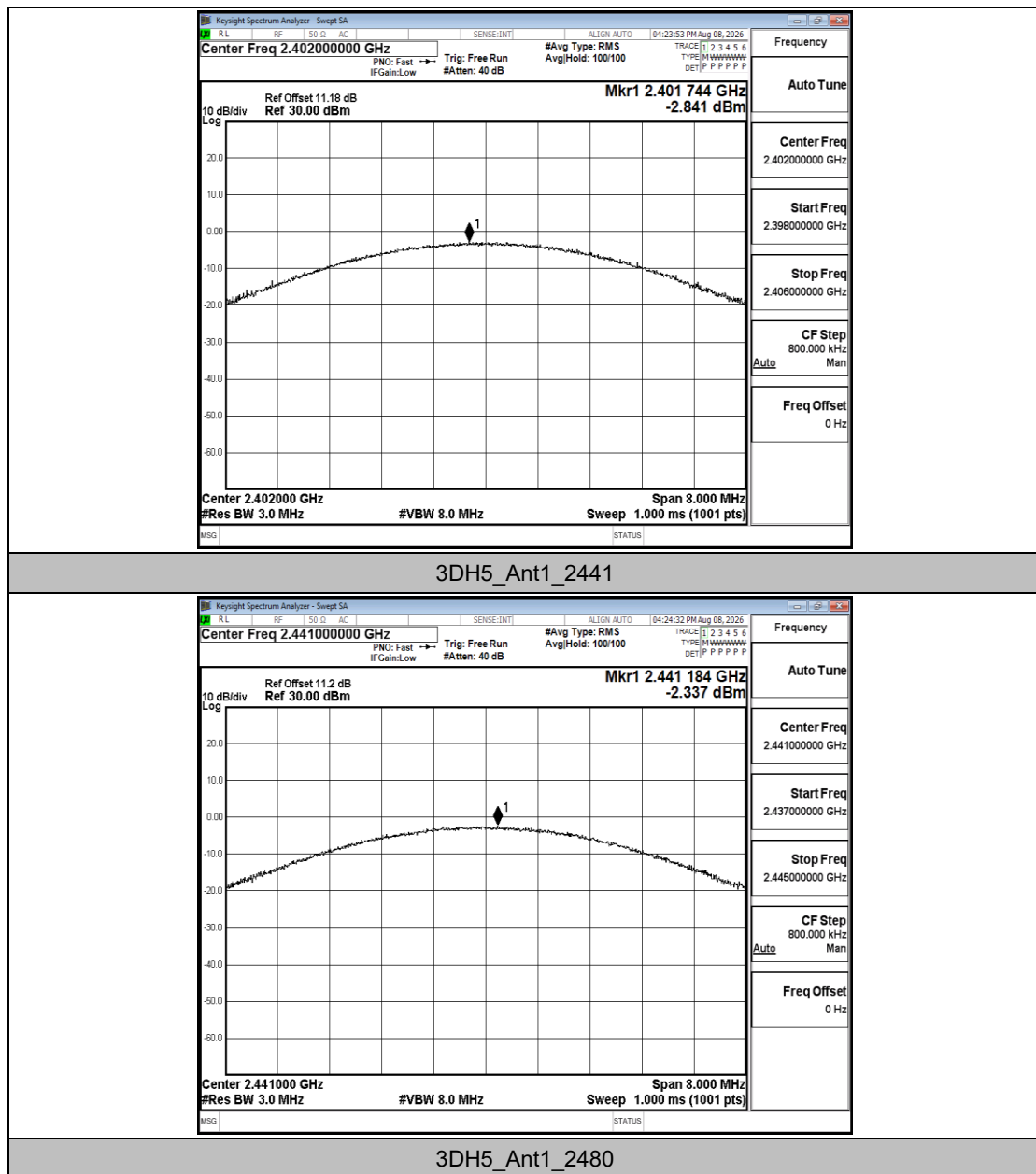
TestMode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.19	≤20.97	PASS
		2441	-1.78	≤20.97	PASS
		2480	-1.45	≤20.97	PASS
2DH5	Ant1	2402	-3.02	≤20.97	PASS
		2441	-2.72	≤20.97	PASS
		2480	-2.60	≤20.97	PASS
3DH5	Ant1	2402	-2.84	≤20.97	PASS
		2441	-2.34	≤20.97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

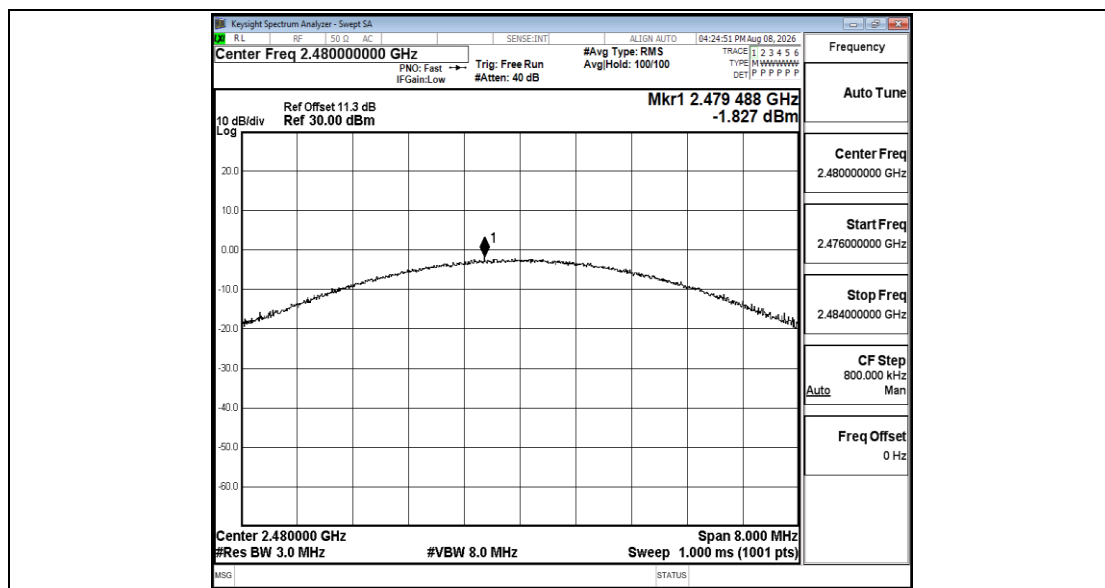
Test Graphs









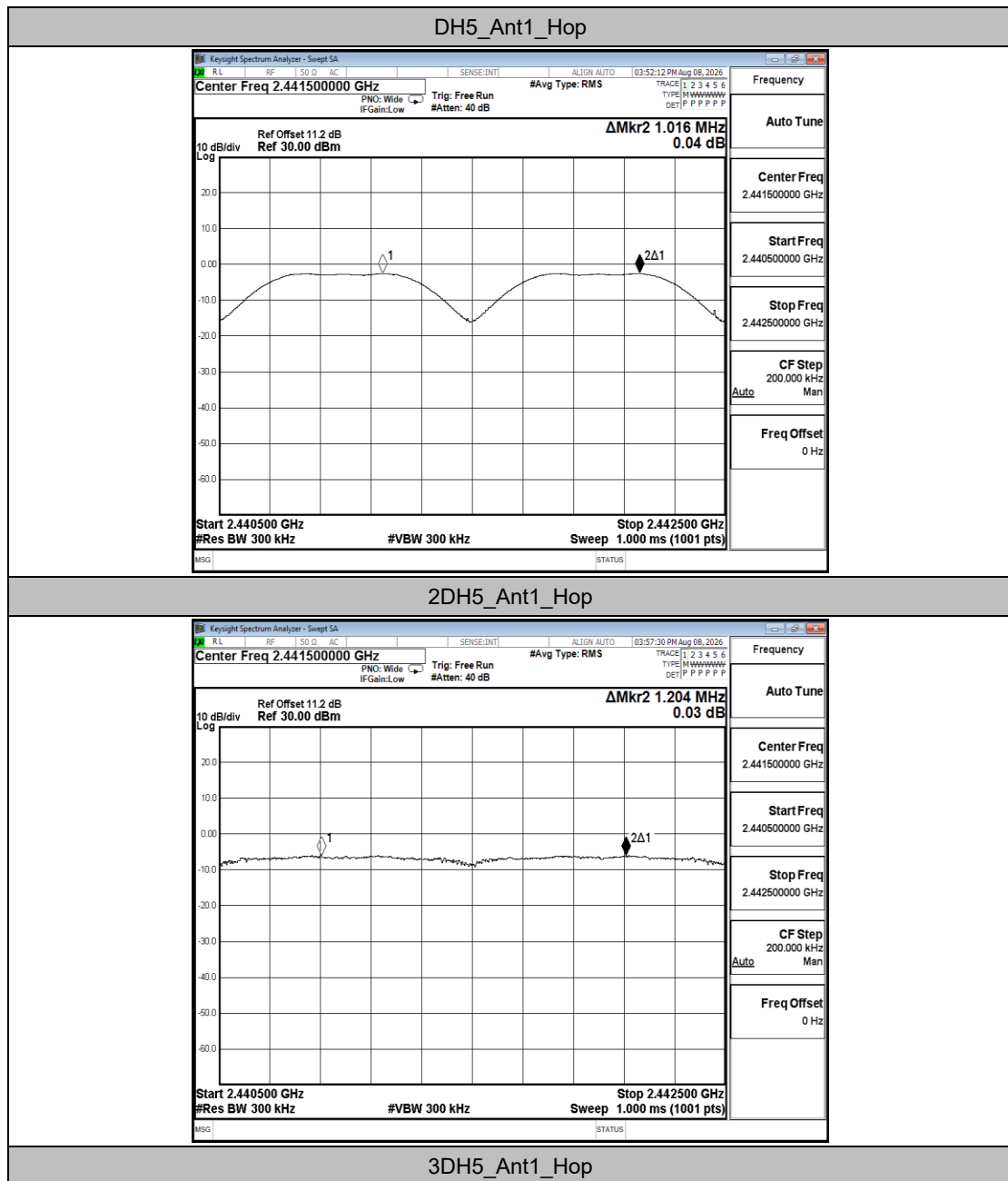


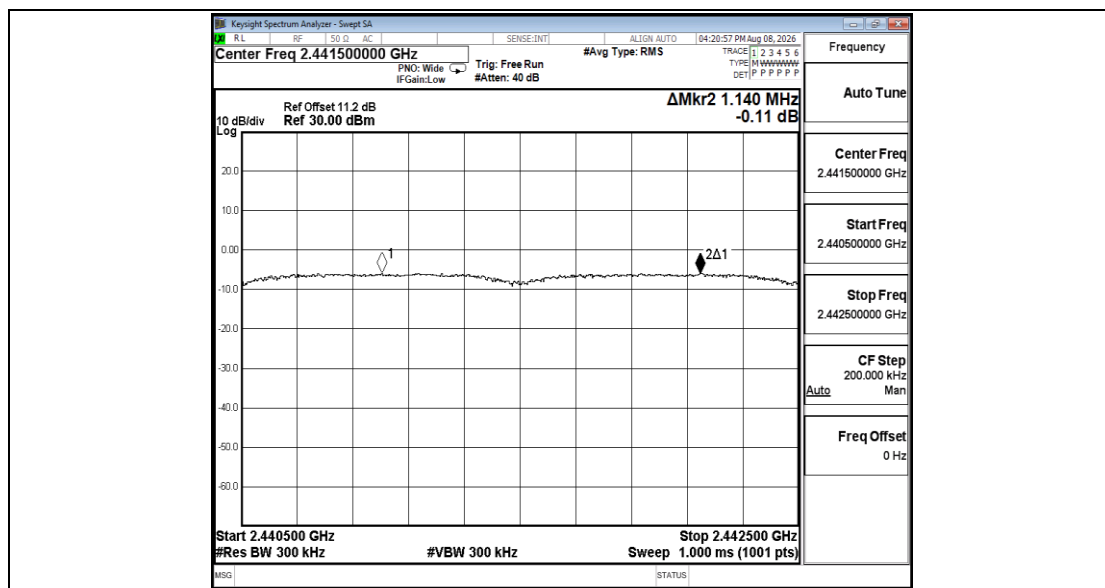
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.016	≥ 0.682	PASS
2DH5	Ant1	Hop	1.204	≥ 0.888	PASS
3DH5	Ant1	Hop	1.14	≥ 0.880	PASS

Test Graphs



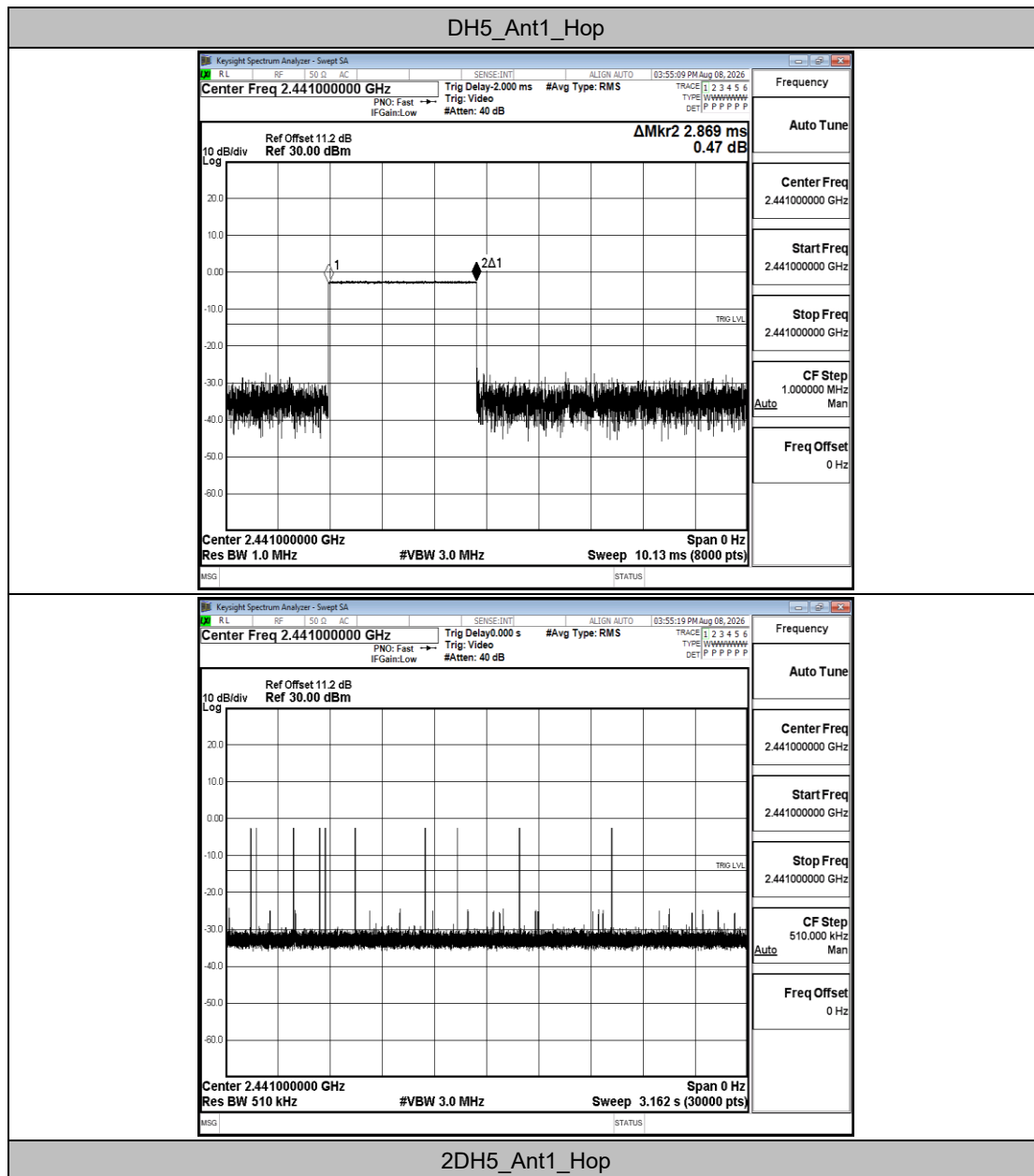


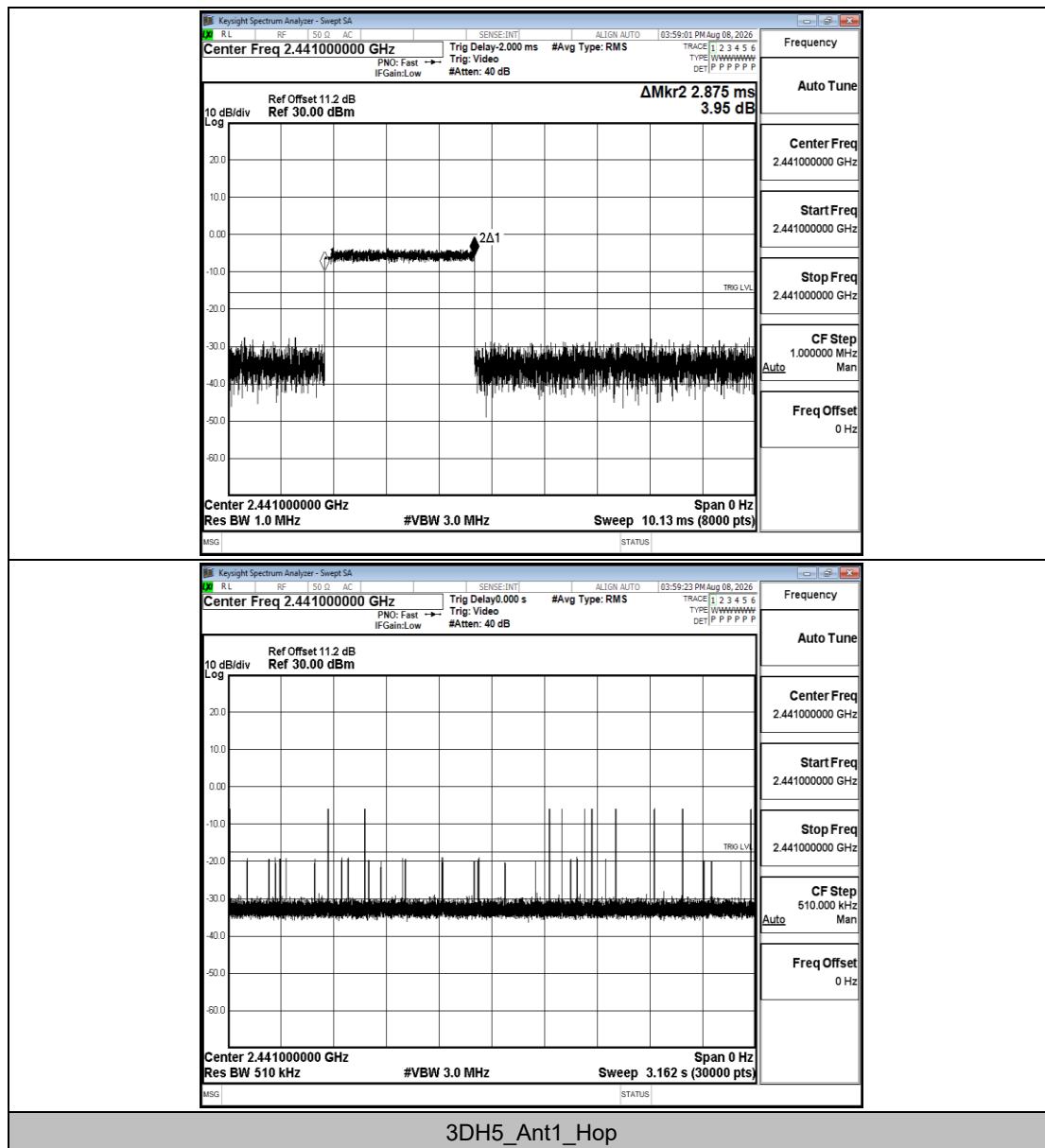
A.4 Time of occupancy

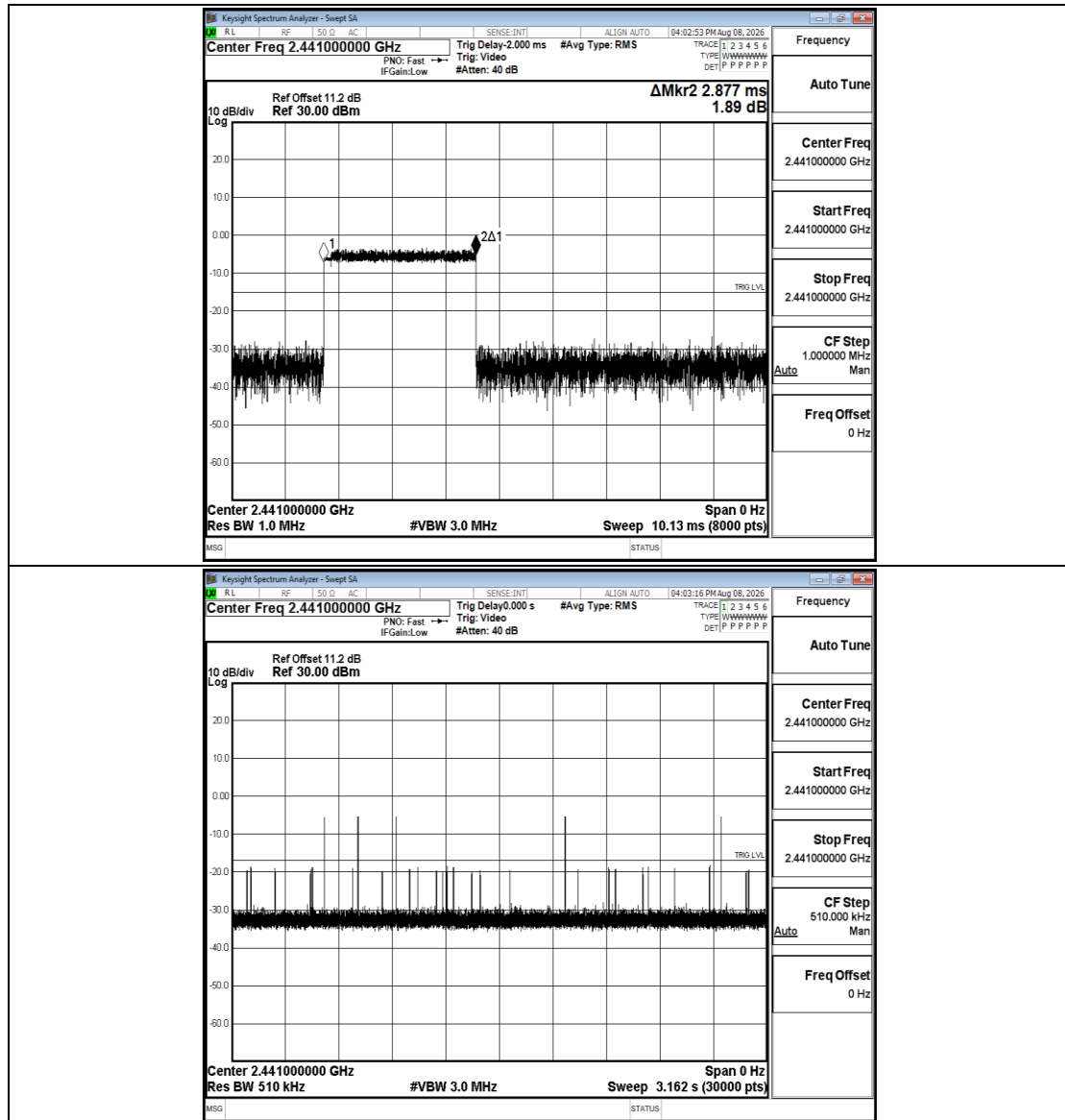
Test Result

TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.869	110	0.316	≤0.4	PASS
2DH5	Ant1	Hop	2.875	110	0.316	≤0.4	PASS
3DH5	Ant1	Hop	2.877	60	0.173	≤0.4	PASS

Test Graphs





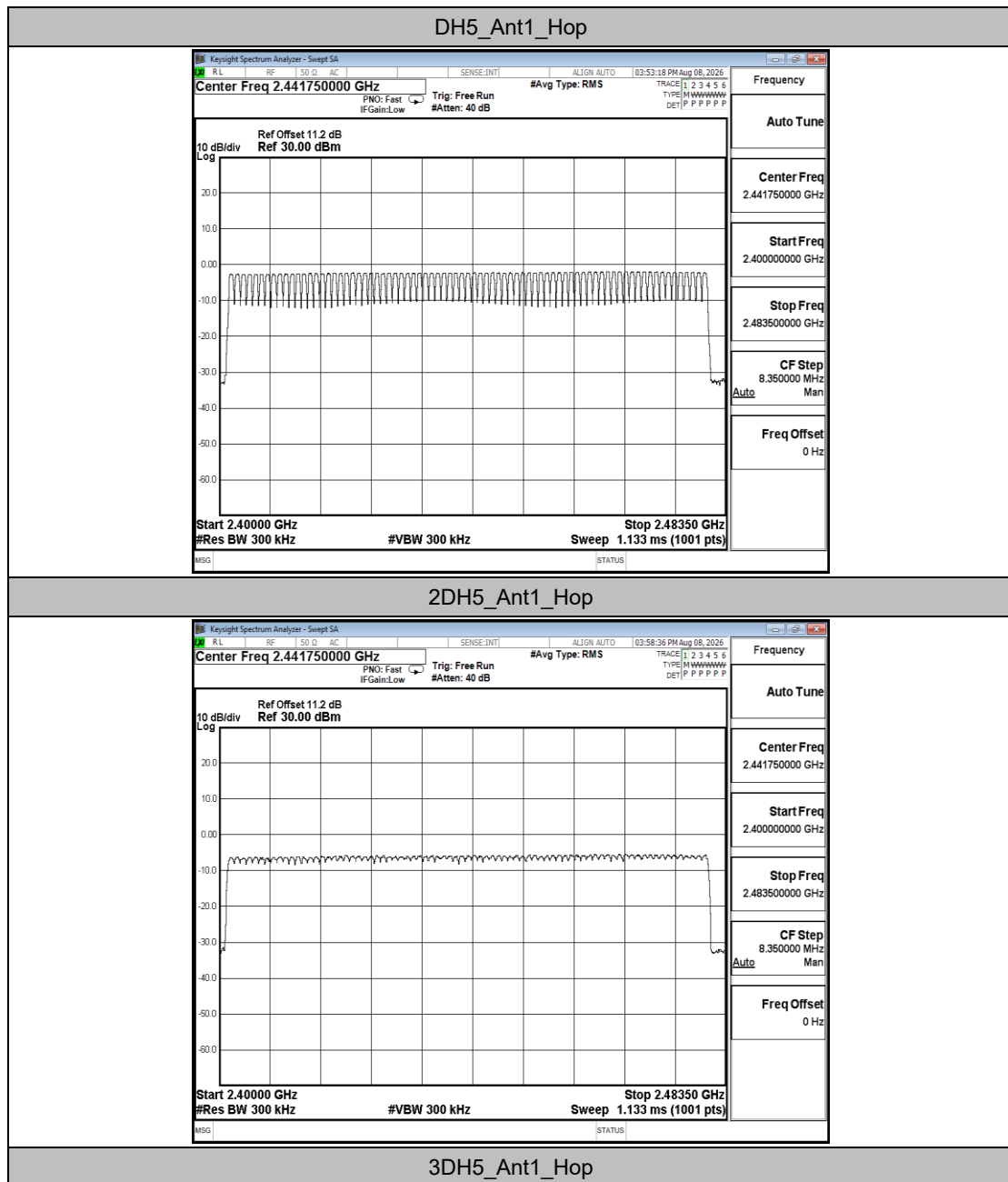


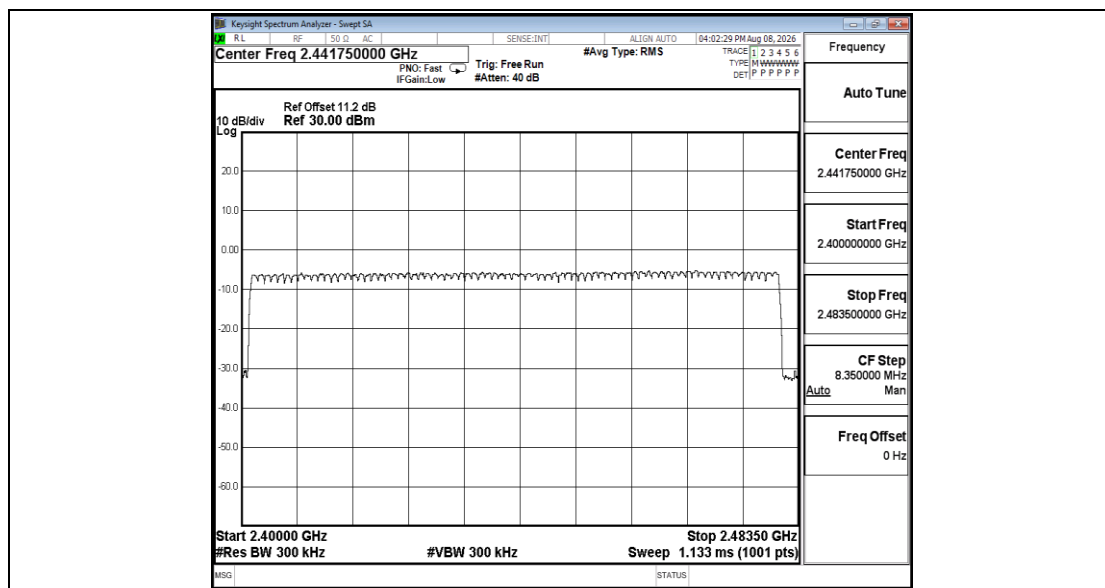
A.5 Number of hopping channels

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



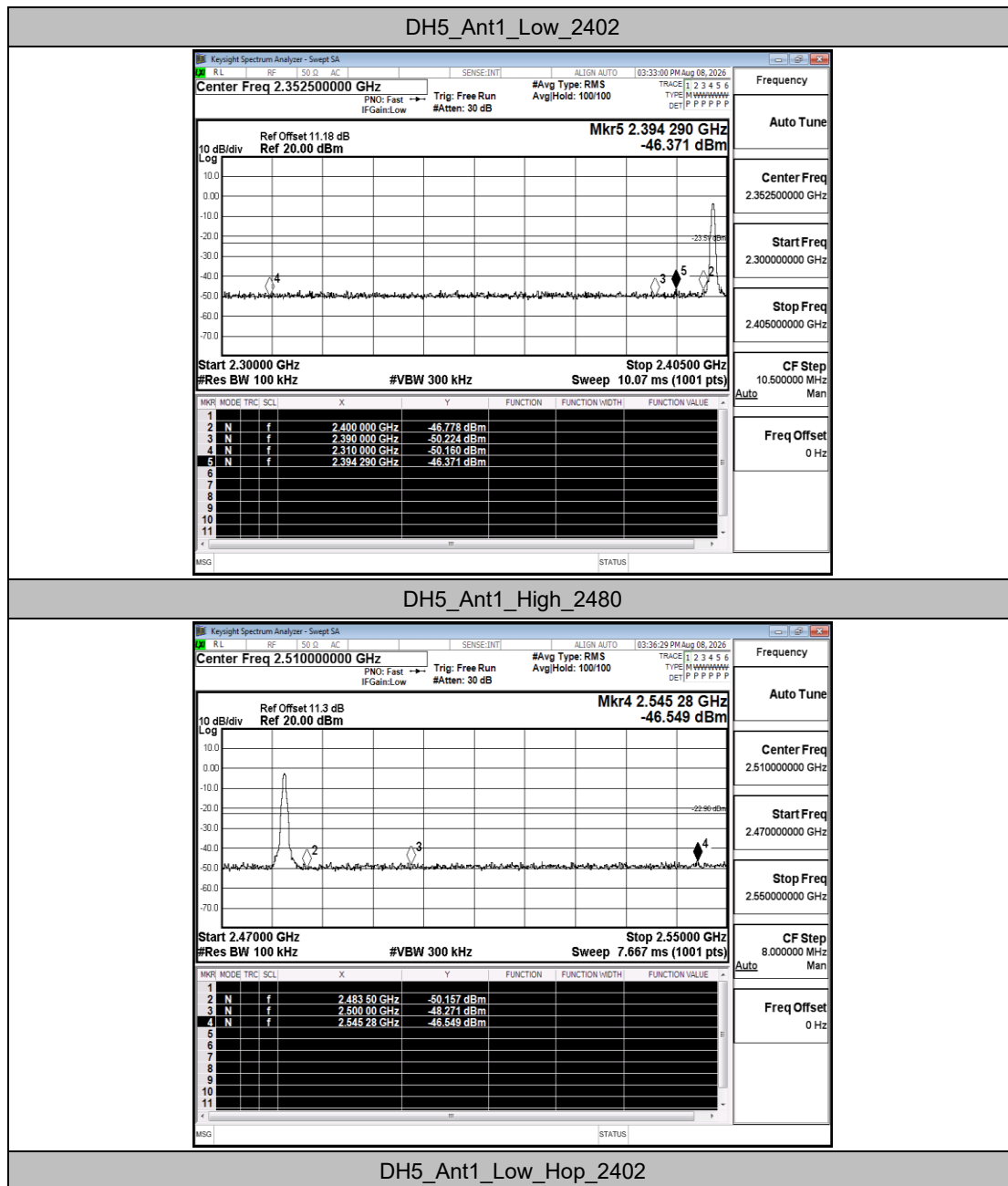


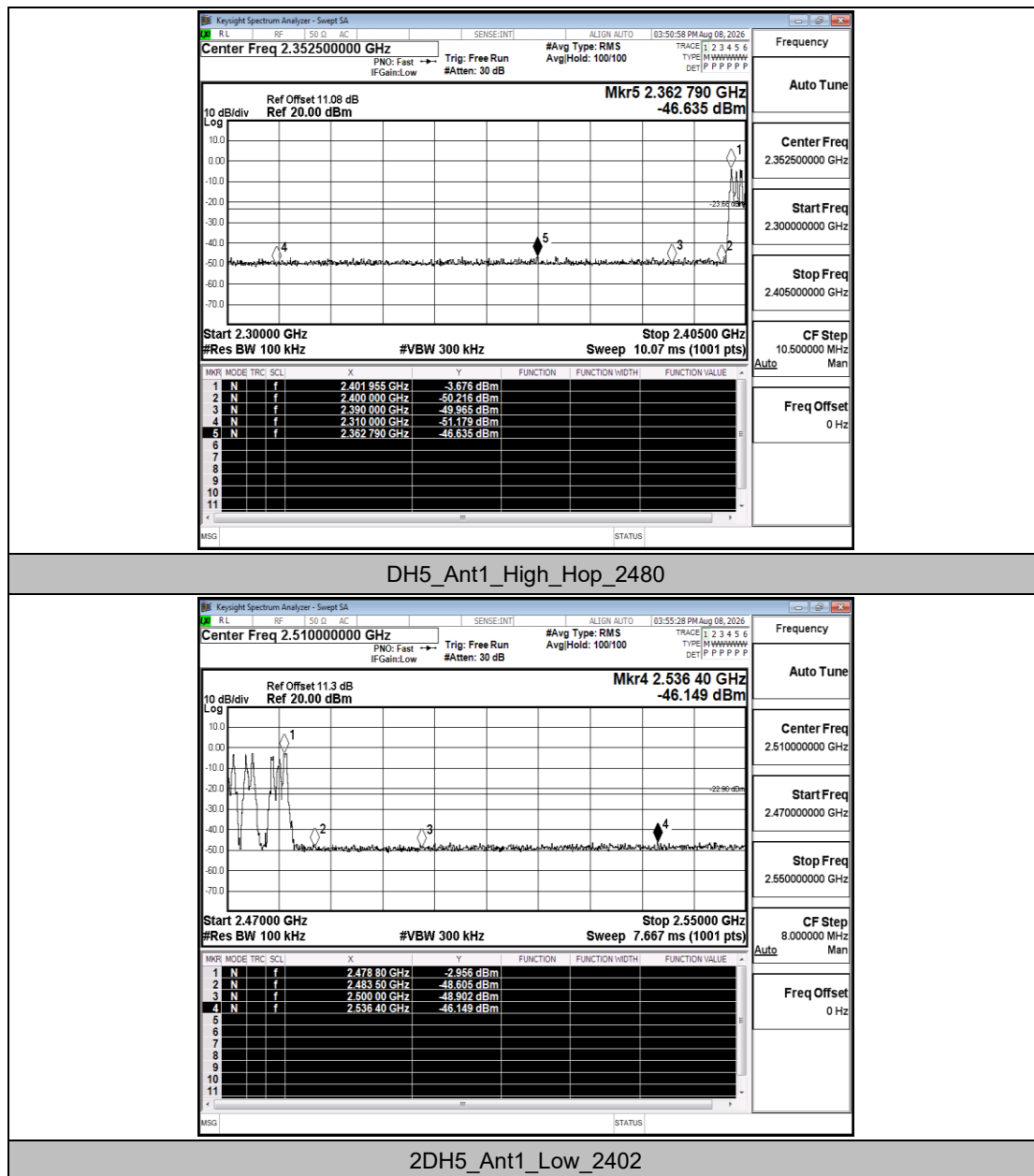
A.6 Band edge measurements

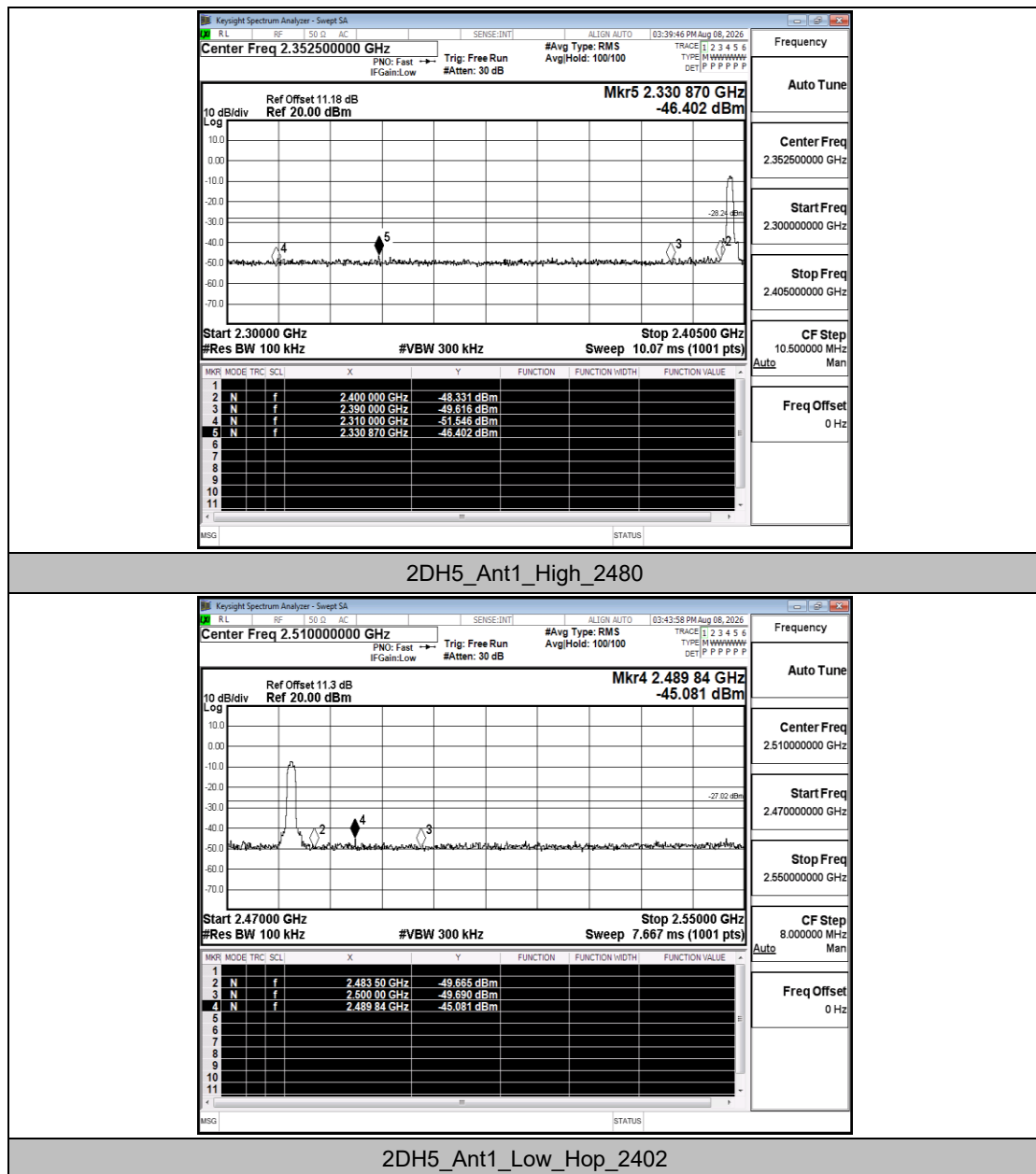
Test Result

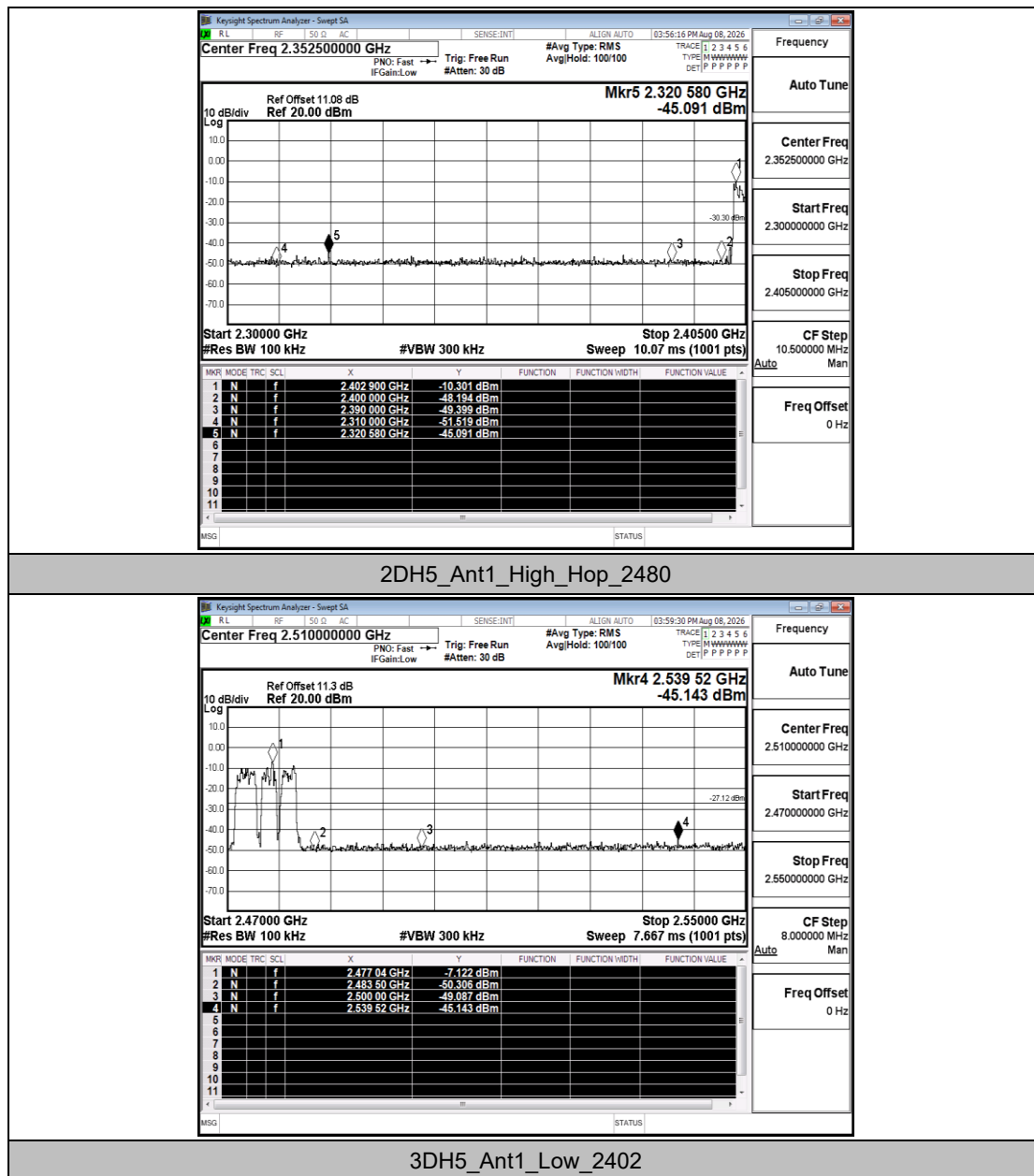
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-3.51	-46.37	≤-23.51	PASS
		High	2480	-2.96	-46.55	≤-22.96	PASS
		Low	Hop_2402	-3.68	-46.64	≤-23.68	PASS
		High	Hop_2480	-2.96	-46.15	≤-22.96	PASS
2DH5	Ant1	Low	2402	-8.24	-46.4	≤-28.24	PASS
		High	2480	-7.02	-45.08	≤-27.02	PASS
		Low	Hop_2402	-10.30	-45.09	≤-30.3	PASS
		High	Hop_2480	-7.12	-45.14	≤-27.12	PASS
3DH5	Ant1	Low	2402	-7.64	-46.68	≤-27.64	PASS
		High	2480	-6.19	-45.58	≤-26.19	PASS
		Low	Hop_2402	-10.76	-46.45	≤-30.76	PASS
		High	Hop_2480	-8.53	-45.58	≤-28.53	PASS

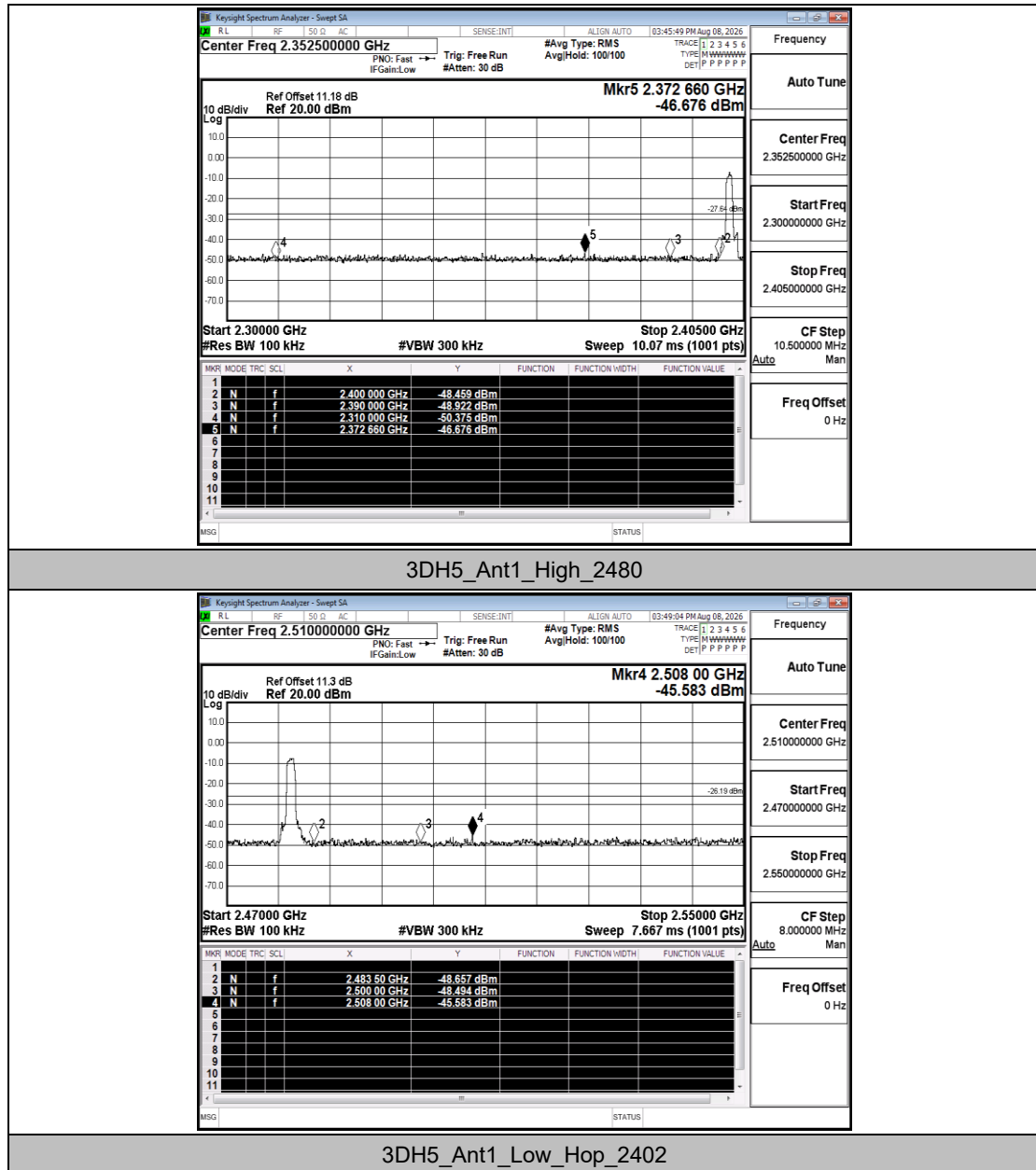
Test Graphs

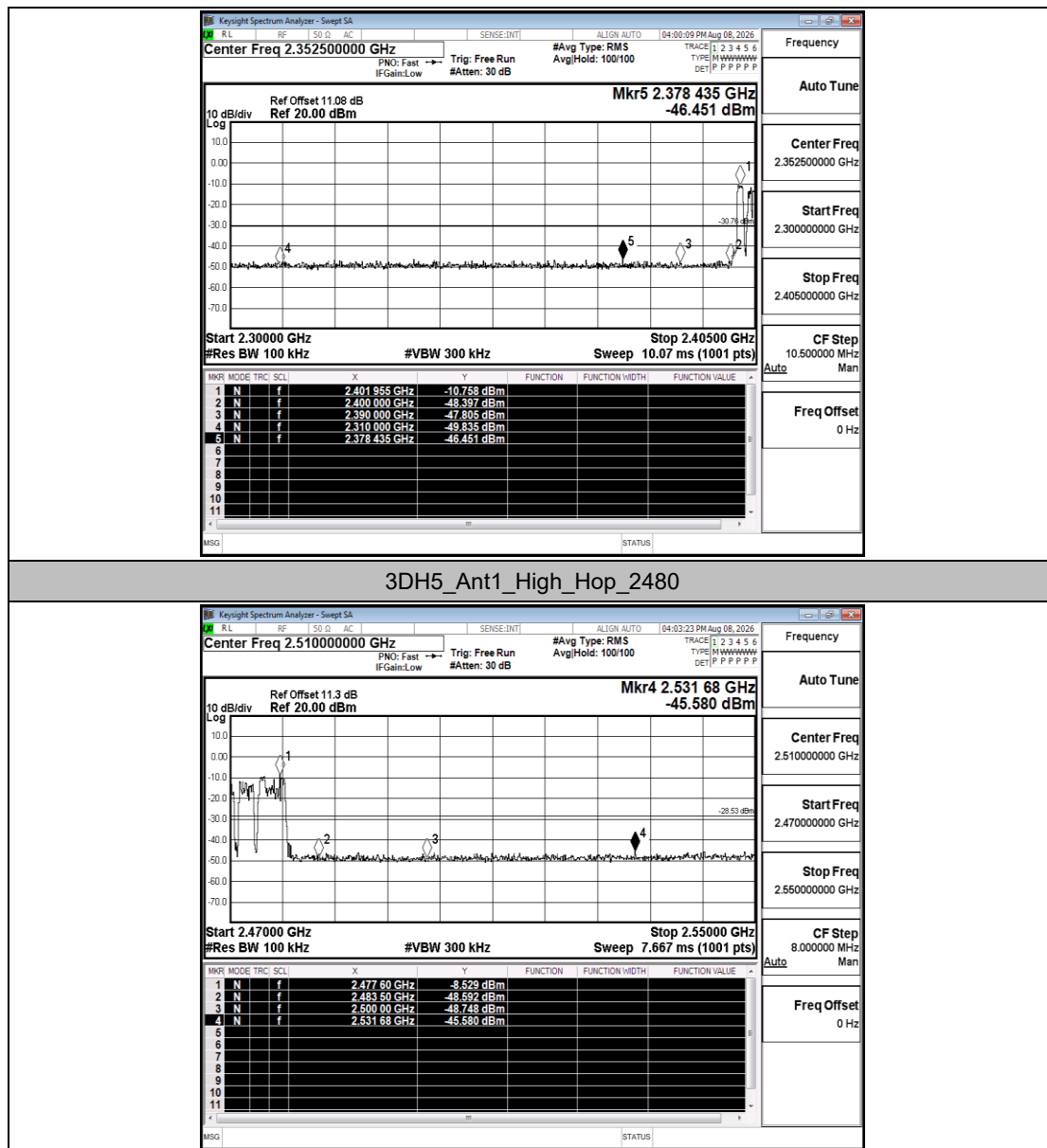












A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-3.37	-3.37	---	PASS
			30~1000	-3.37	-70.53	≤-23.37	PASS
			1000~26500	-3.37	-44.68	≤-23.37	PASS
		2441	Reference	-3.02	-3.02	---	PASS
			30~1000	-3.02	-70.09	≤-23.02	PASS
			1000~26500	-3.02	-44.54	≤-23.02	PASS
		2480	Reference	-2.82	-2.82	---	PASS
			30~1000	-2.82	-70	≤-22.82	PASS
			1000~26500	-2.82	-45.05	≤-22.82	PASS
2DH5	Ant1	2402	Reference	-7.05	-7.05	---	PASS
			30~1000	-7.05	-70.63	≤-27.05	PASS
			1000~26500	-7.05	-44.98	≤-27.05	PASS
		2441	Reference	-6.33	-6.33	---	PASS
			30~1000	-6.33	-70.16	≤-26.33	PASS
			1000~26500	-6.33	-44.71	≤-26.33	PASS
		2480	Reference	-6.00	-6.00	---	PASS
			30~1000	-6.00	-69.81	≤-26	PASS
			1000~26500	-6.00	-44.76	≤-26	PASS
3DH5	Ant1	2402	Reference	-6.81	-6.81	---	PASS
			30~1000	-6.81	-70.08	≤-26.81	PASS
			1000~26500	-6.81	-44.49	≤-26.81	PASS
		2441	Reference	-6.36	-6.36	---	PASS
			30~1000	-6.36	-68.95	≤-26.36	PASS
			1000~26500	-6.36	-44.42	≤-26.36	PASS
		2480	Reference	-6.02	-6.02	---	PASS
			30~1000	-6.02	-70.05	≤-26.02	PASS
			1000~26500	-6.02	-45.14	≤-26.02	PASS

Test Graphs

