

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: HONOR CHOICE Headphones Max

Test Model: VRD-ME00

Environmental Conditions

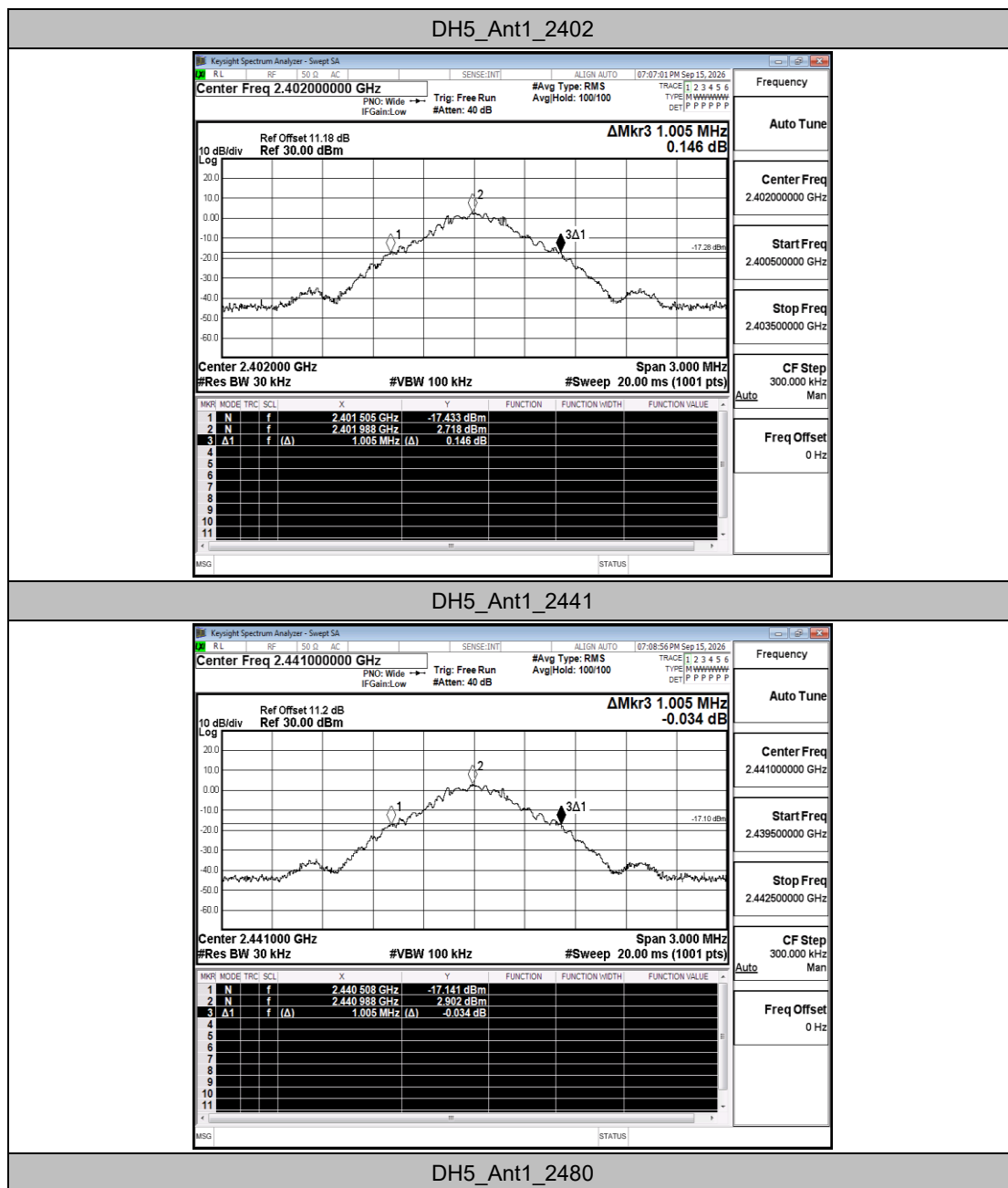
Temperature:	23.2°C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

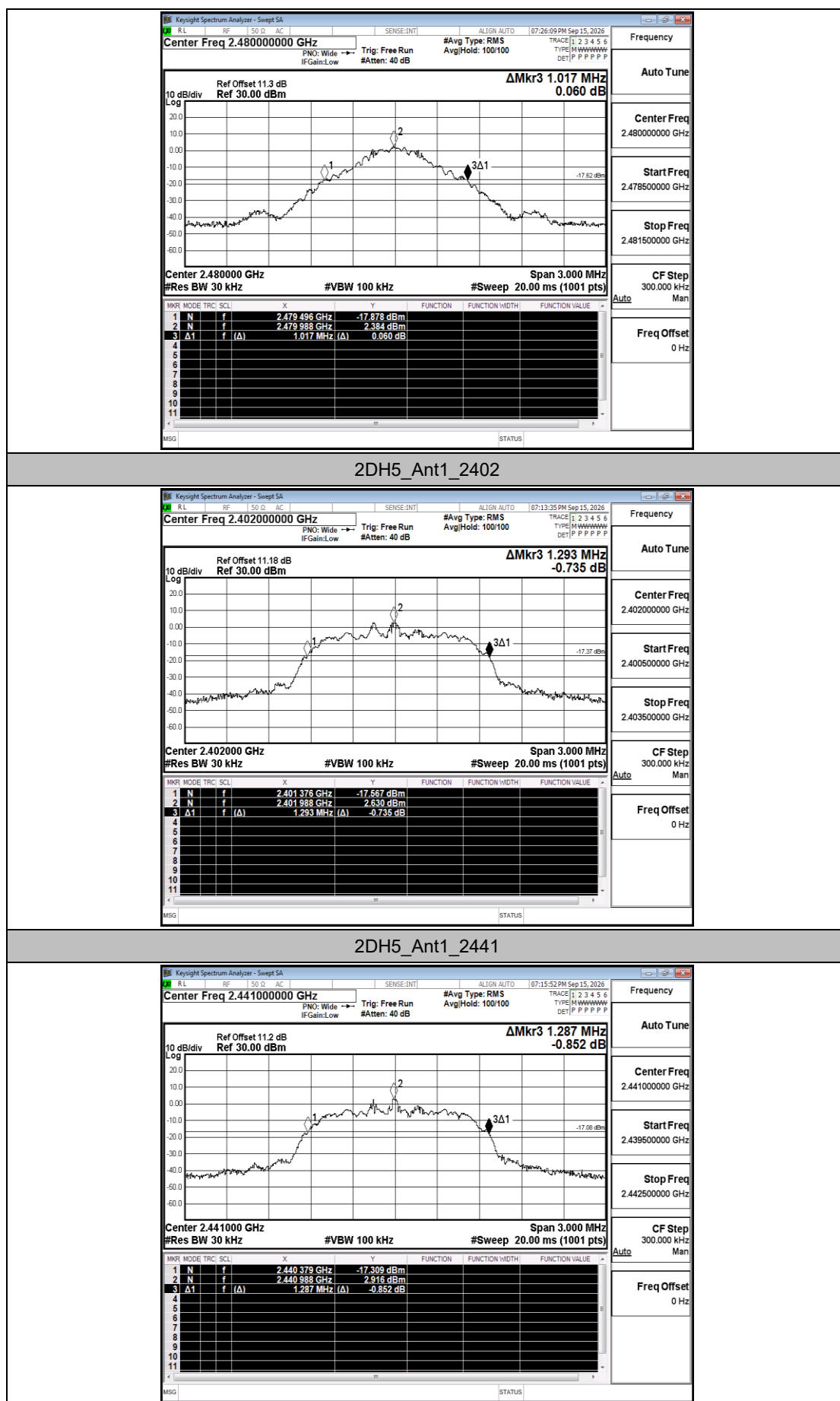
A.1 20dB Emission Bandwidth

Test Result

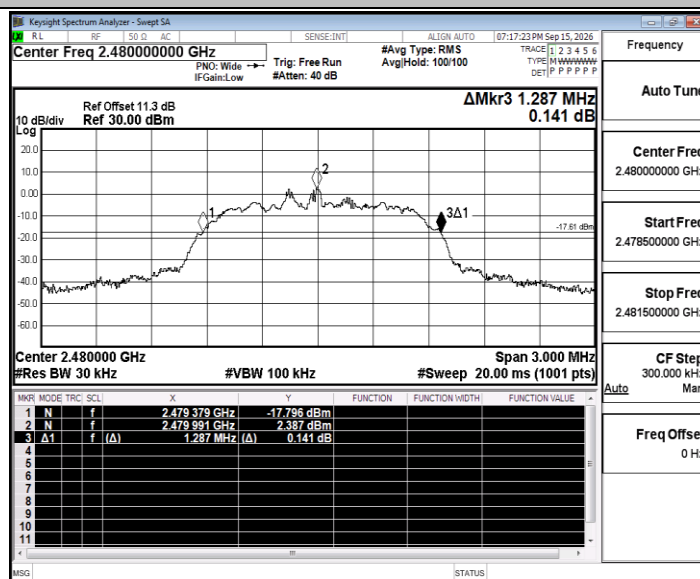
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	1.005	2401.505	2402.510	---	---
		2441	1.005	2440.508	2441.513	---	---
		2480	1.017	2479.496	2480.513	---	---
2DH5	Ant1	2402	1.293	2401.376	2402.669	---	---
		2441	1.287	2440.379	2441.666	---	---
		2480	1.287	2479.379	2480.666	---	---
3DH5	Ant1	2402	1.290	2401.364	2402.654	---	---
		2441	1.290	2440.364	2441.654	---	---
		2480	1.296	2479.364	2480.660	---	---

Test Graphs

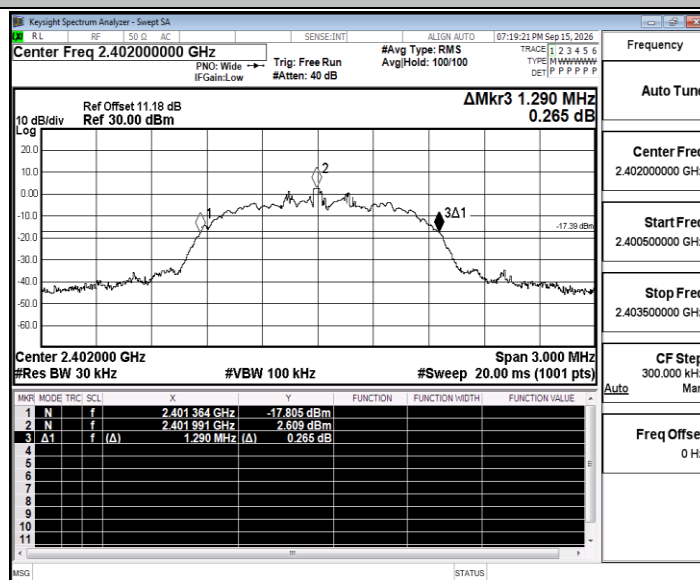




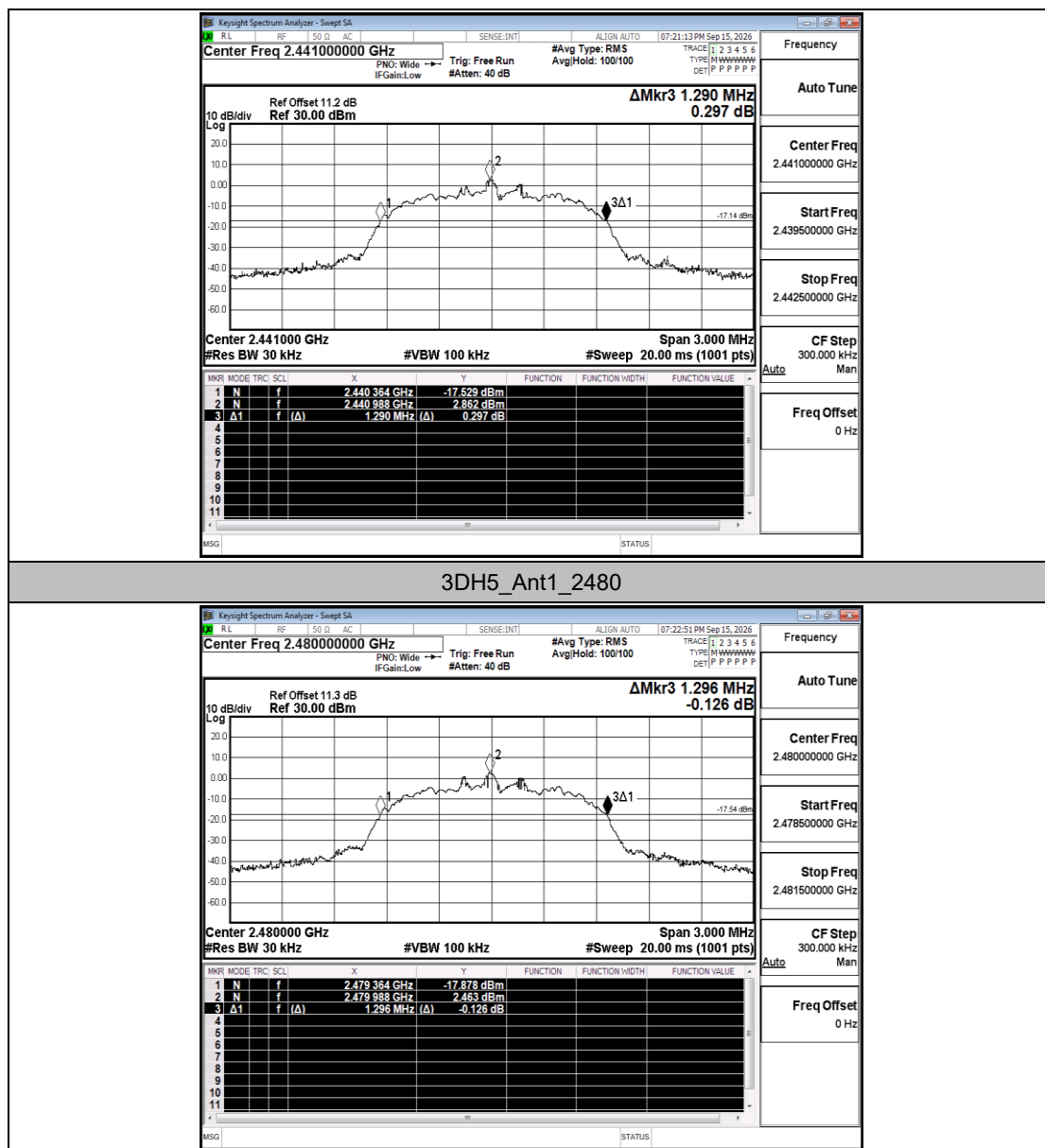
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

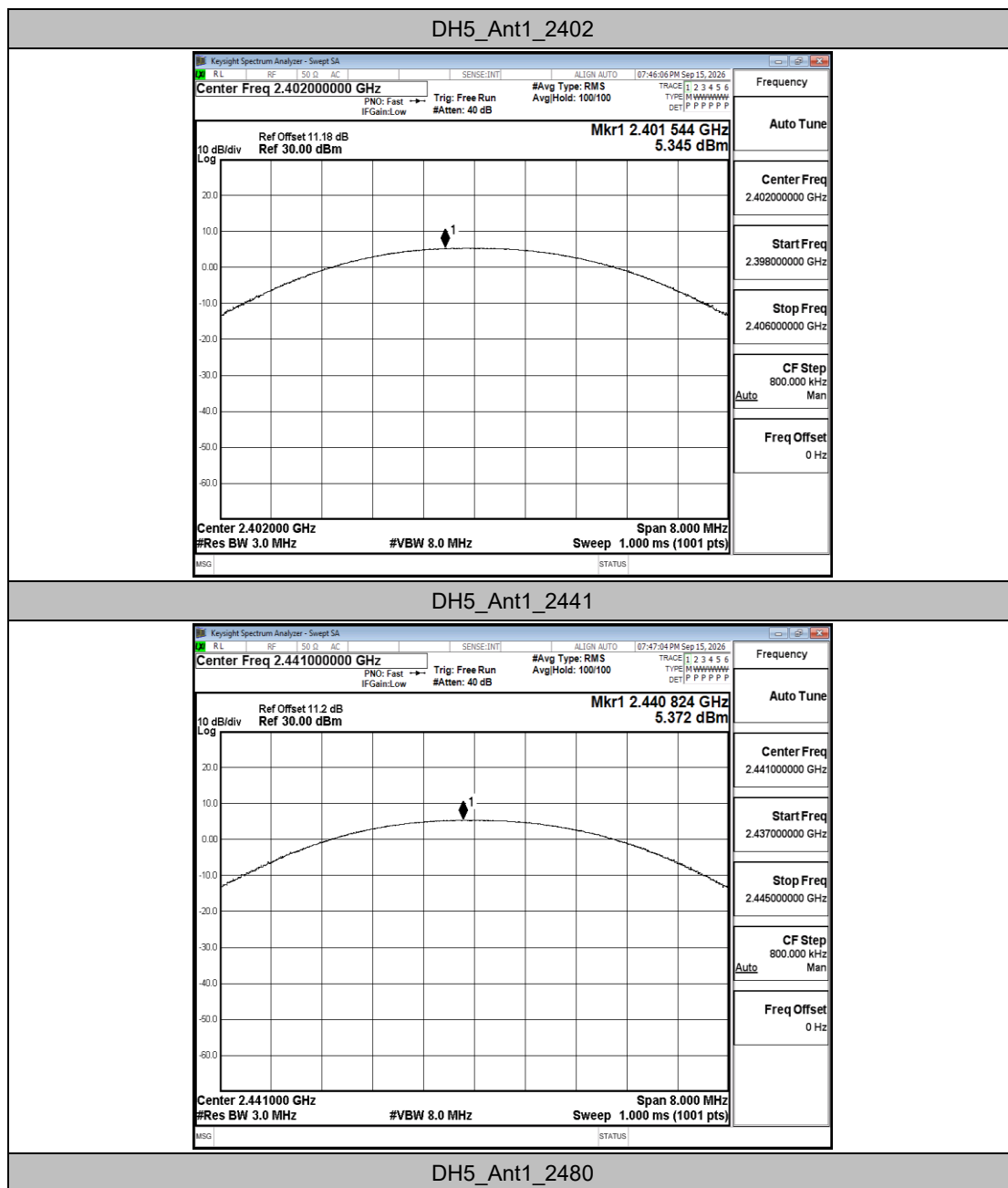


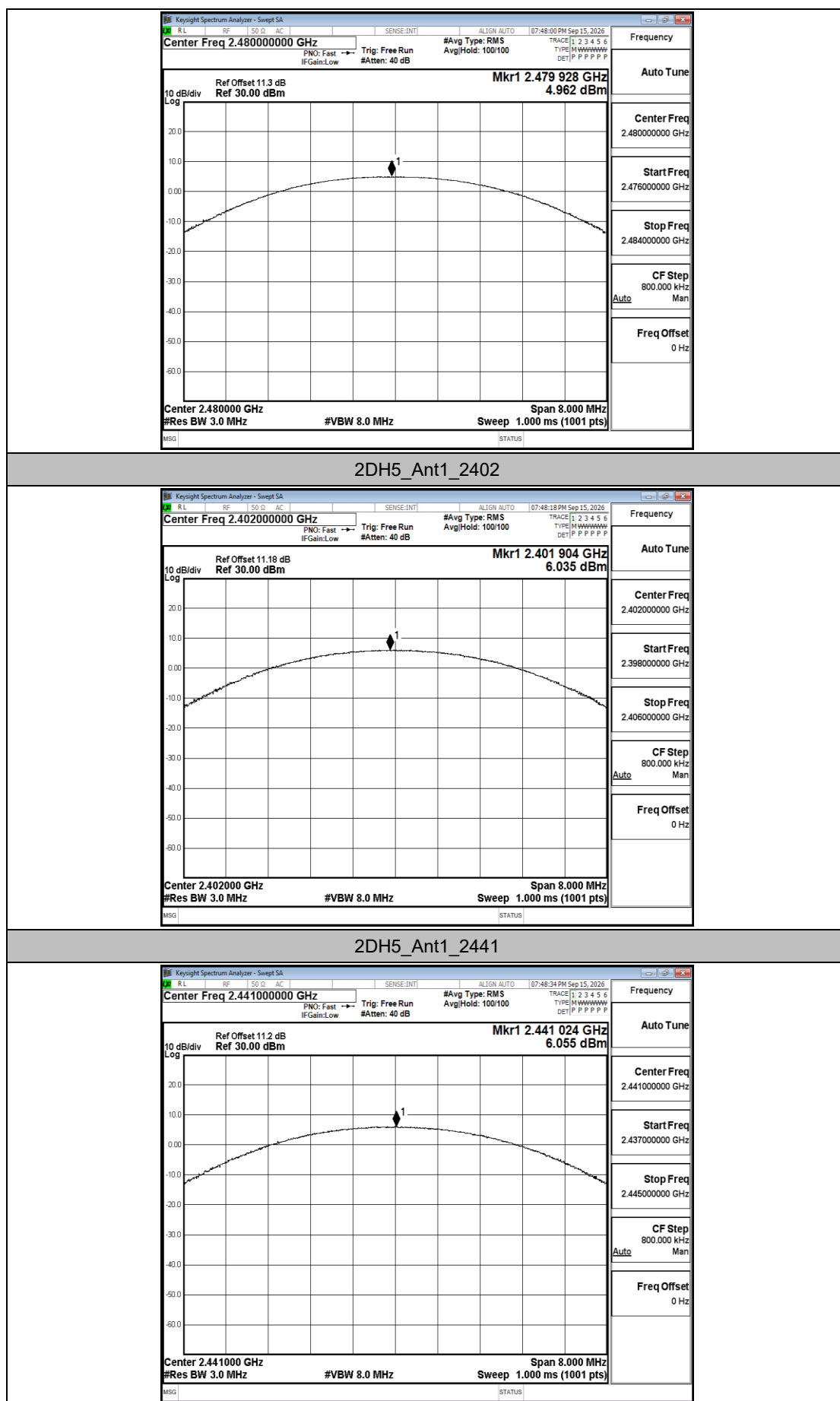
A.2 Maximum Peak conducted output power

Test Result Peak

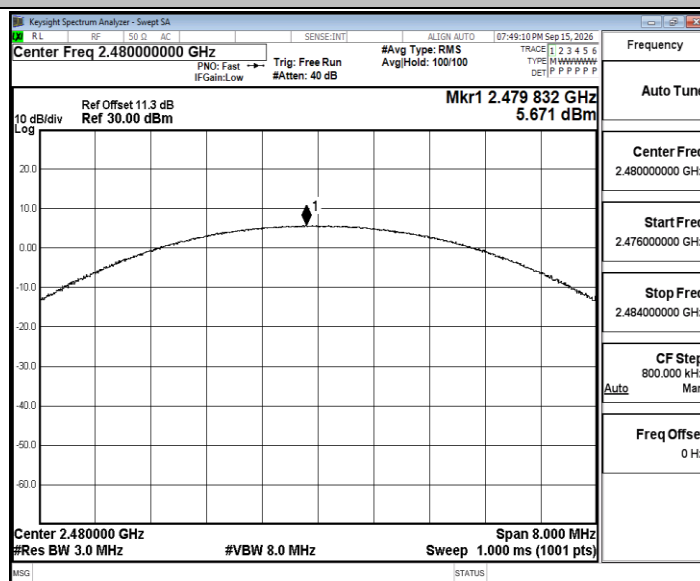
TestMode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	5.35	≤20.97	PASS
		2441	5.37	≤20.97	PASS
		2480	4.96	≤20.97	PASS
2DH5	Ant1	2402	6.04	≤20.97	PASS
		2441	6.06	≤20.97	PASS
		2480	5.67	≤20.97	PASS
3DH5	Ant1	2402	6.48	≤20.97	PASS
		2441	6.41	≤20.97	PASS
		2480	6.02	≤20.97	PASS

Test Graphs

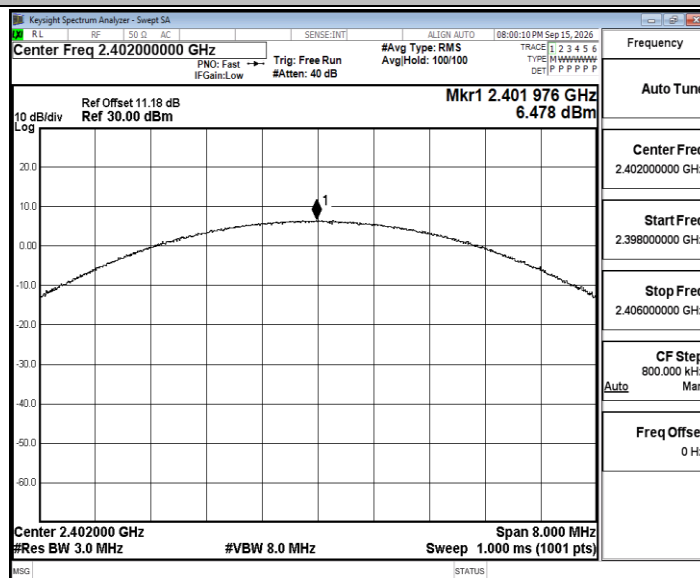




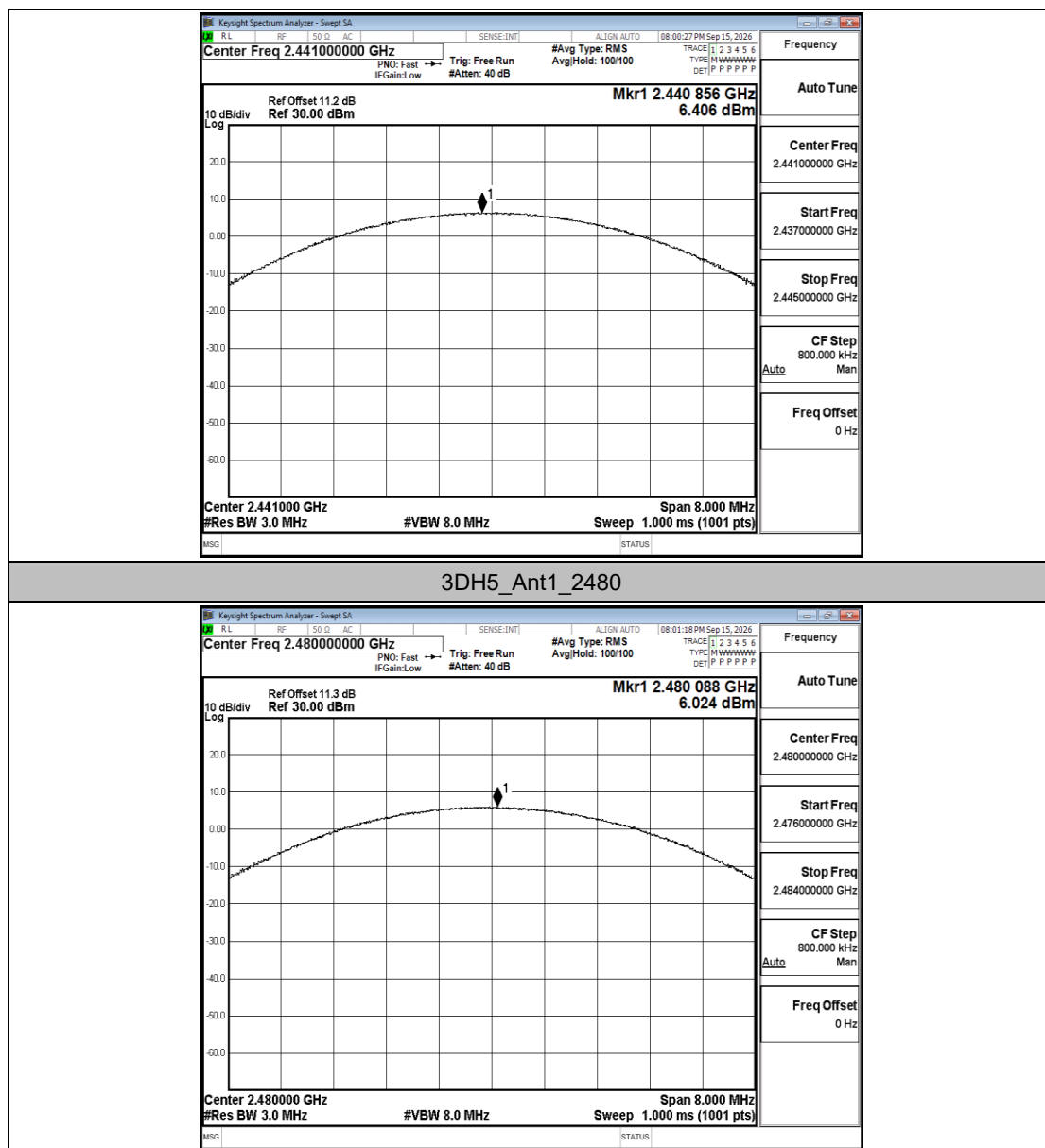
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

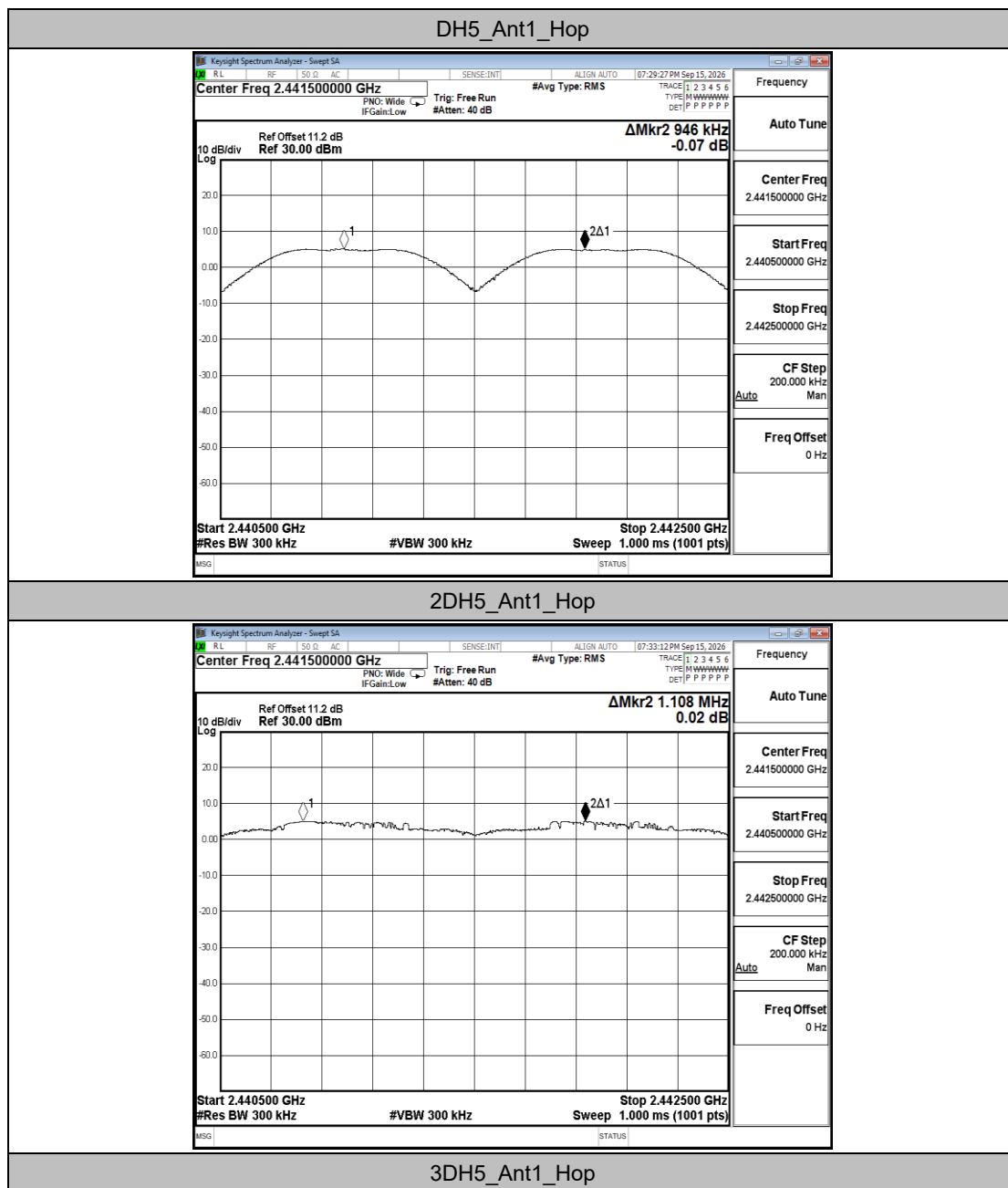


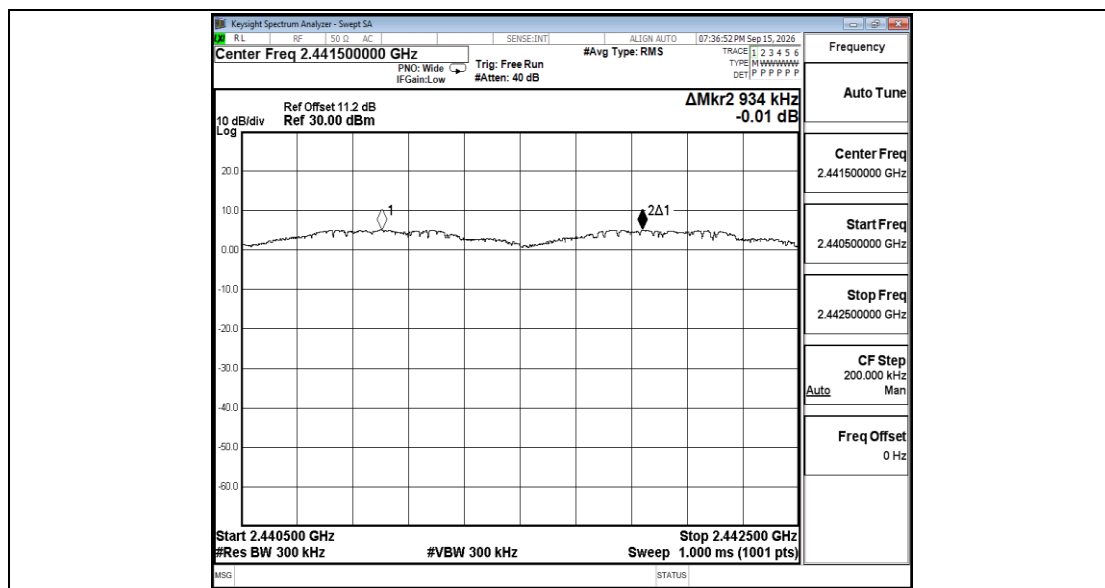
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.946	≥ 0.678	PASS
2DH5	Ant1	Hop	1.108	≥ 0.862	PASS
3DH5	Ant1	Hop	0.934	≥ 0.864	PASS

Test Graphs



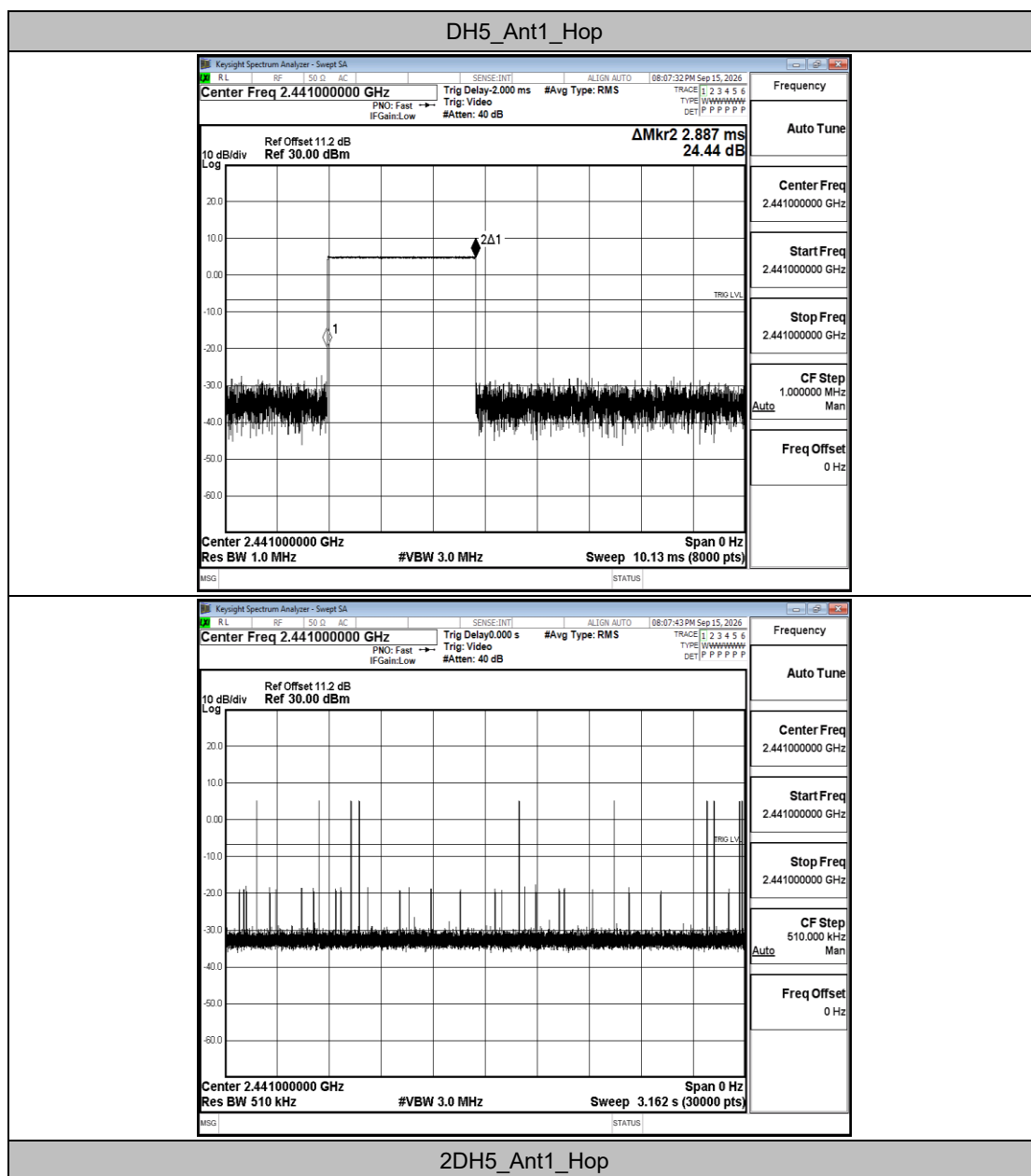


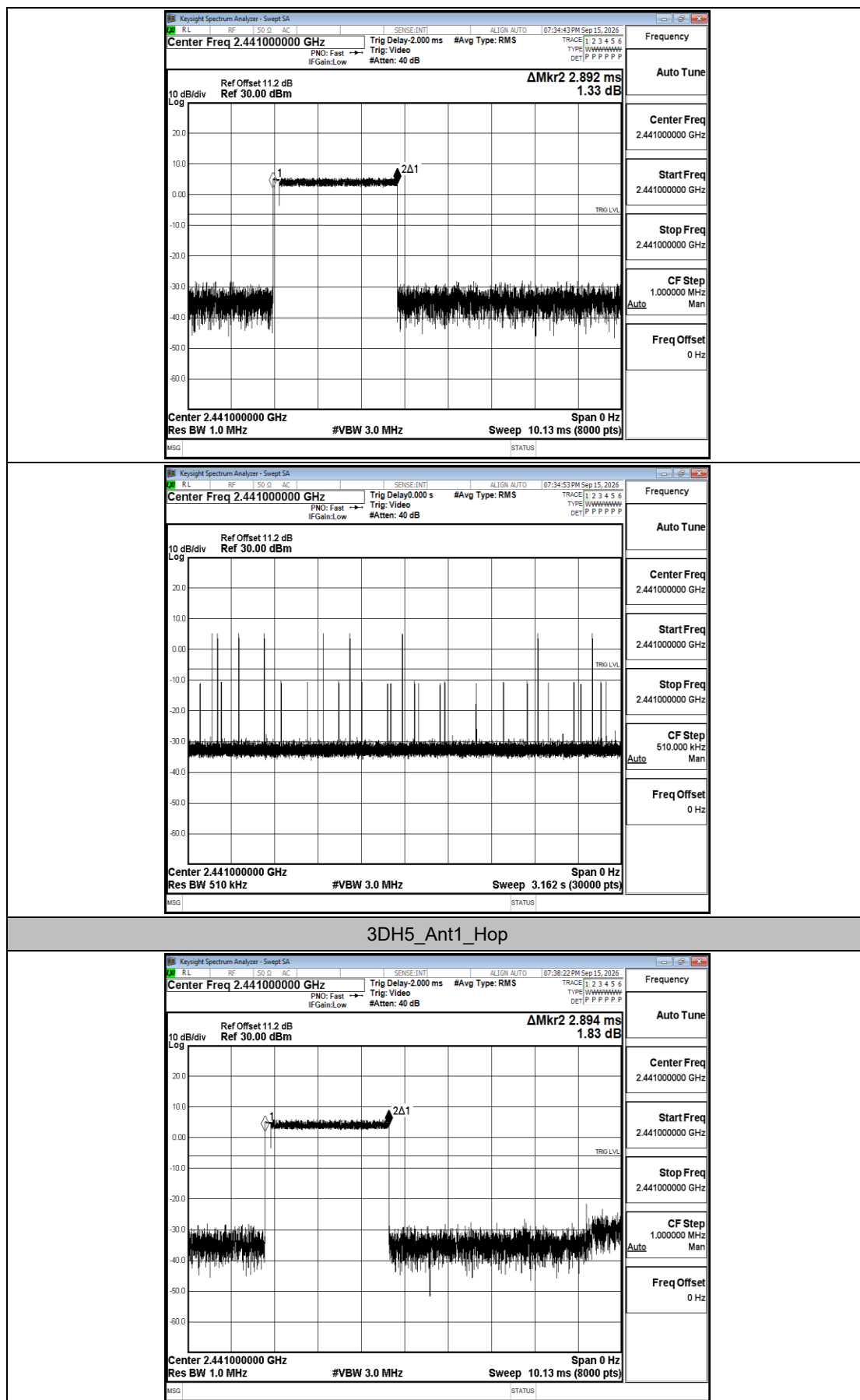
A.4 Time of occupancy

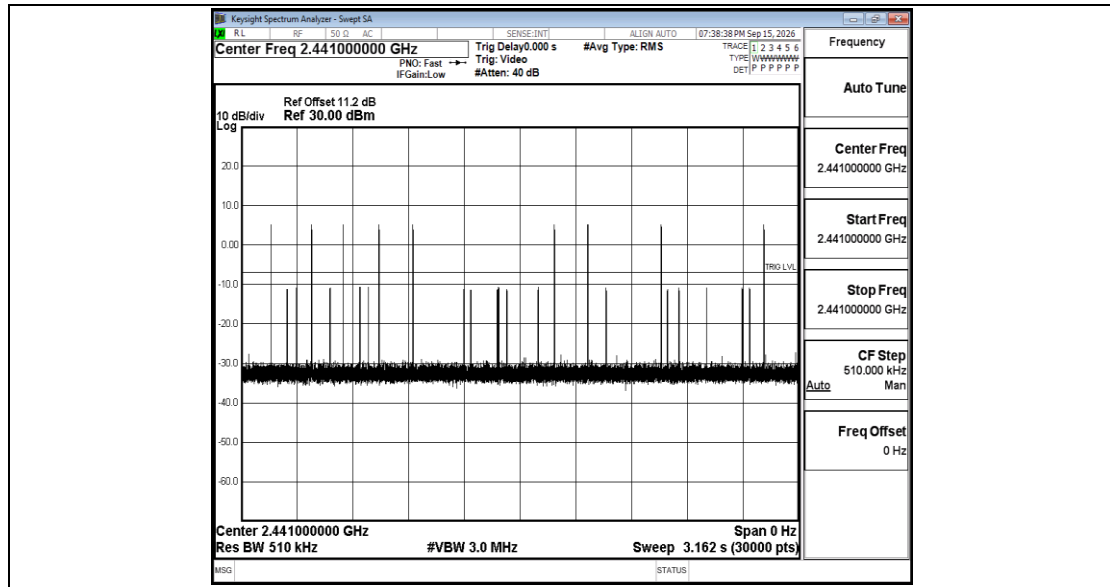
Test Result

TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.887	110	0.318	≤0.4	PASS
2DH5	Ant1	Hop	2.892	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.894	100	0.289	≤0.4	PASS

Test Graphs





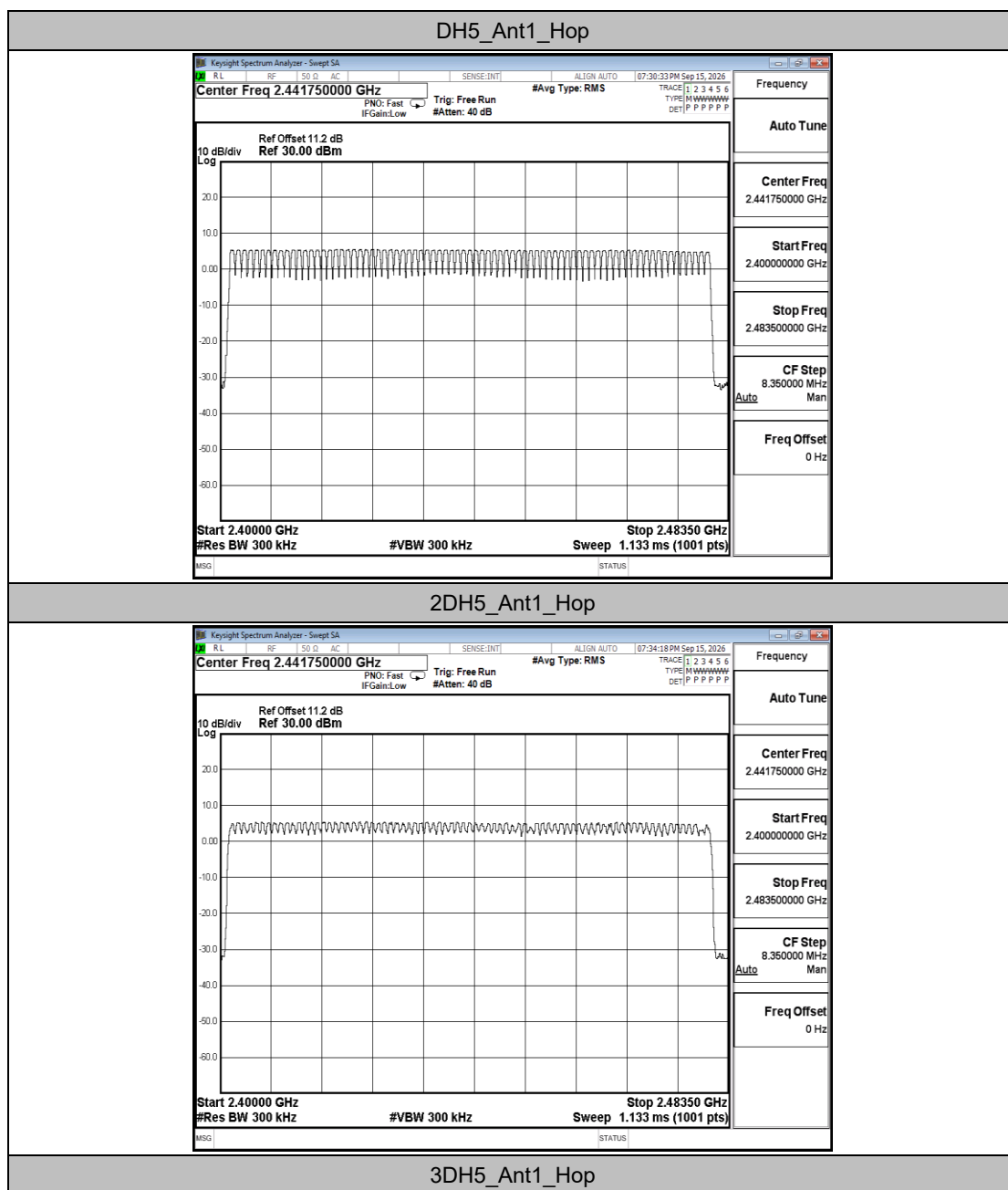


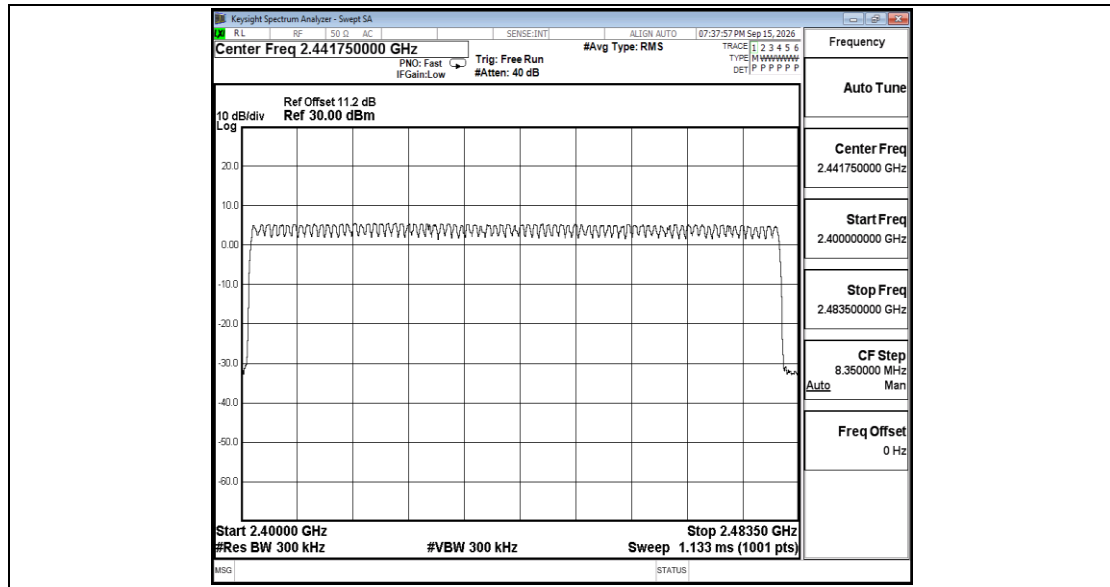
A.5 Number of hopping channels

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



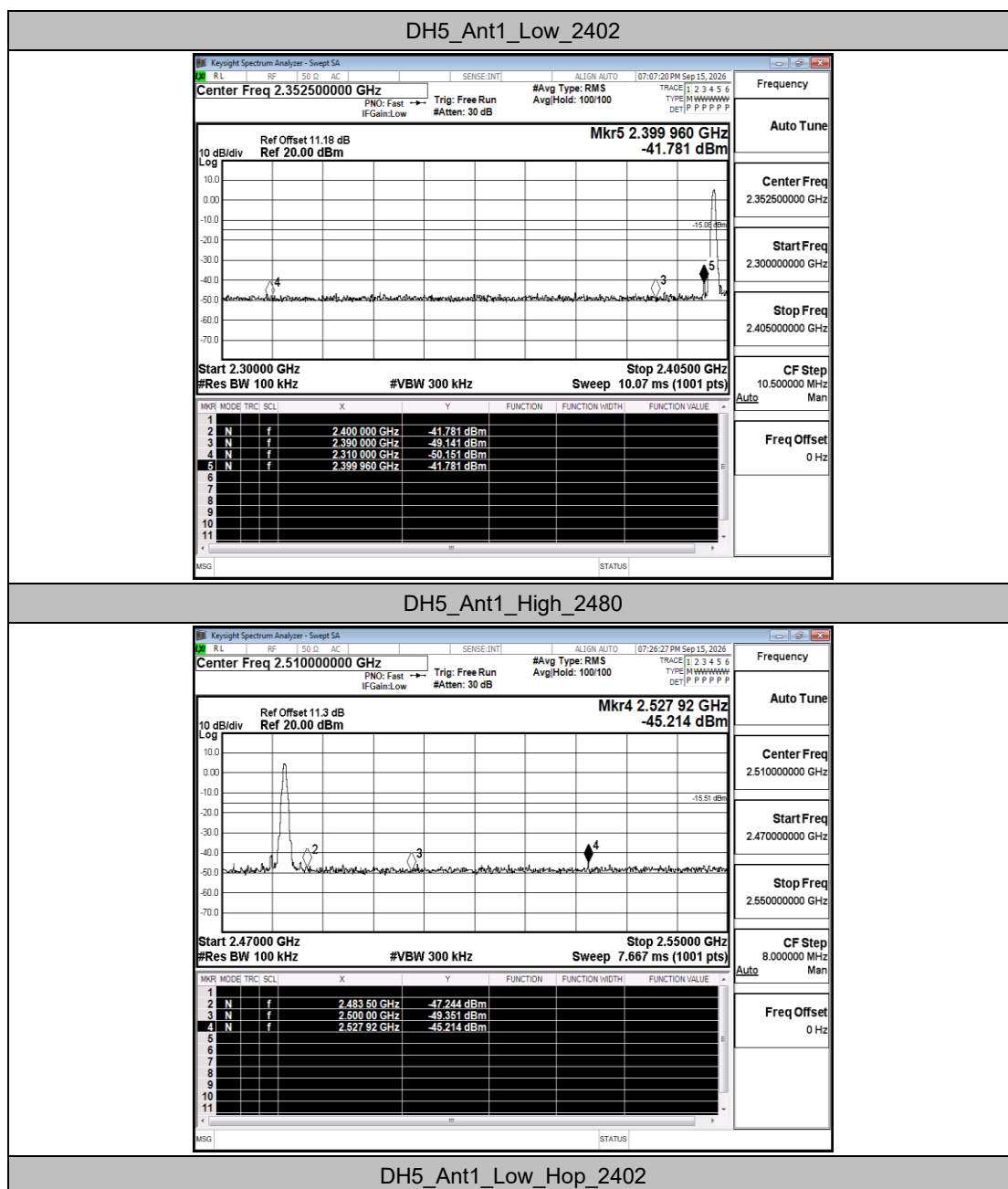


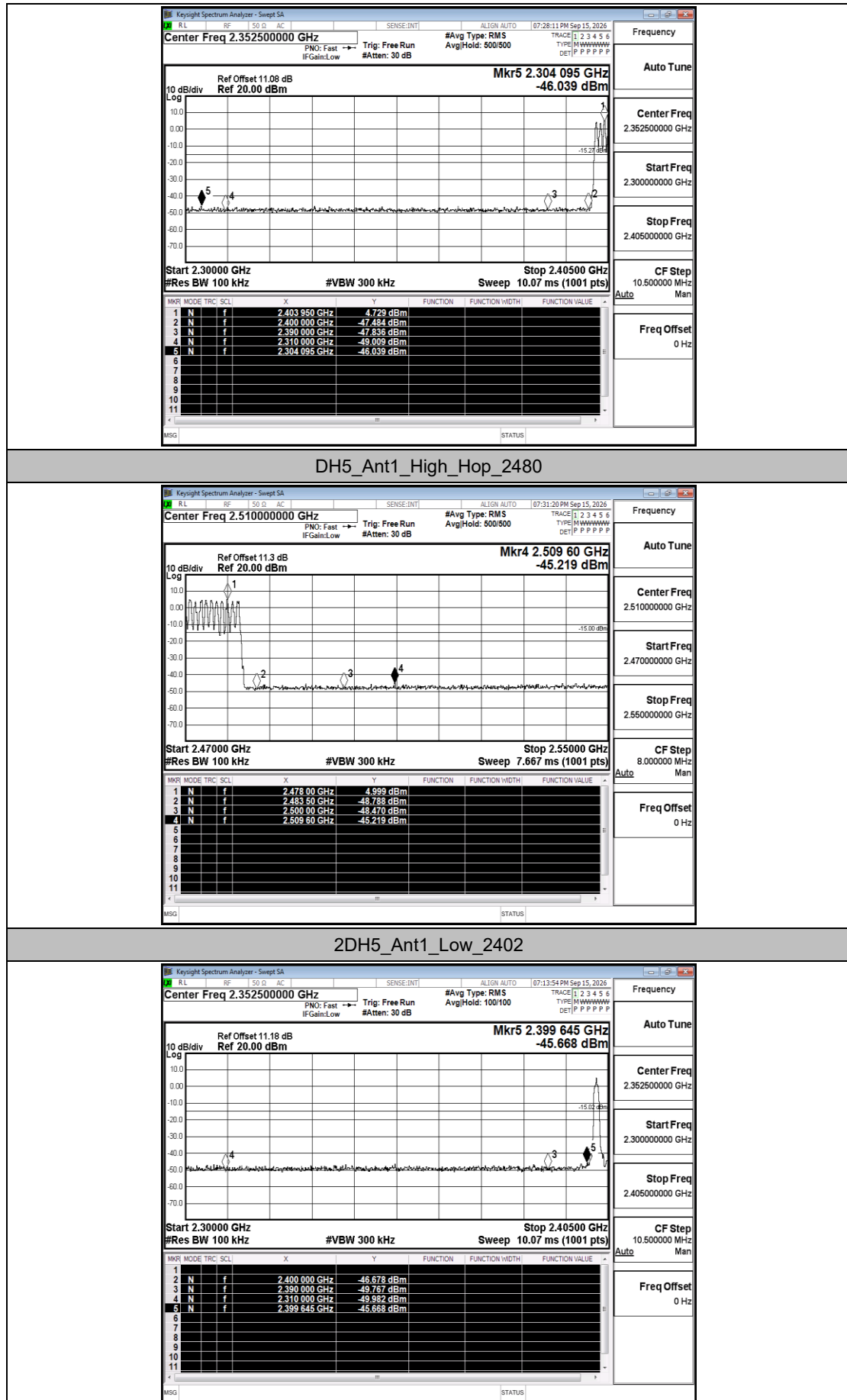
A.6 Band edge measurements

Test Result

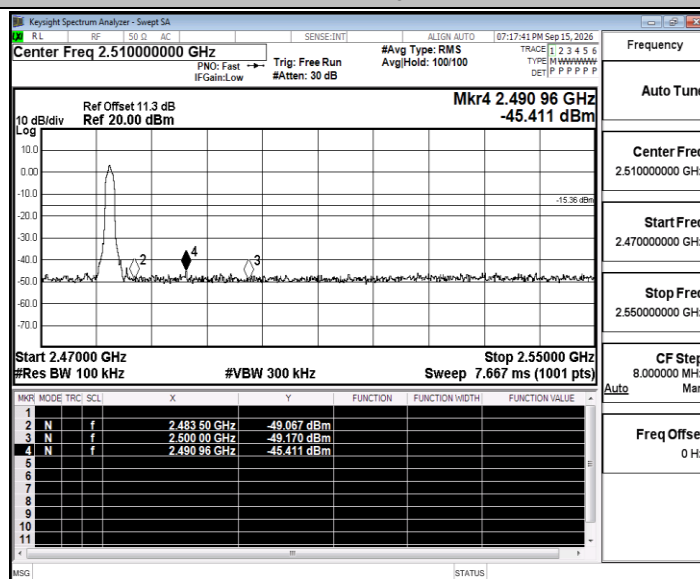
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.92	-41.78	≤-15.08	PASS
		High	2480	4.49	-45.21	≤-15.51	PASS
		Low	Hop_2402	4.73	-46.04	≤-15.27	PASS
		High	Hop_2480	5.00	-45.22	≤-15	PASS
2DH5	Ant1	Low	2402	4.98	-45.67	≤-15.02	PASS
		High	2480	4.64	-45.41	≤-15.36	PASS
		Low	Hop_2402	1.66	-45.88	≤-18.34	PASS
		High	Hop_2480	4.31	-45.47	≤-15.69	PASS
3DH5	Ant1	Low	2402	3.93	-42.89	≤-16.07	PASS
		High	2480	4.62	-44.78	≤-15.38	PASS
		Low	Hop_2402	3.12	-45.71	≤-16.88	PASS
		High	Hop_2480	1.29	-44.83	≤-18.71	PASS

Test Graphs

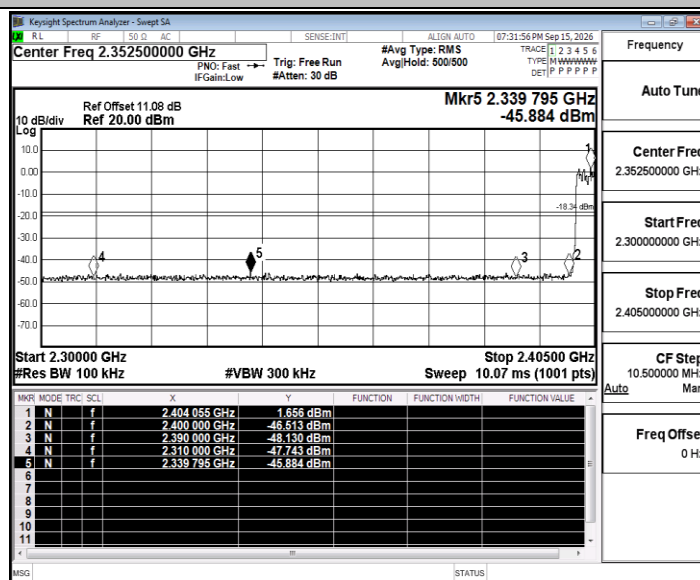




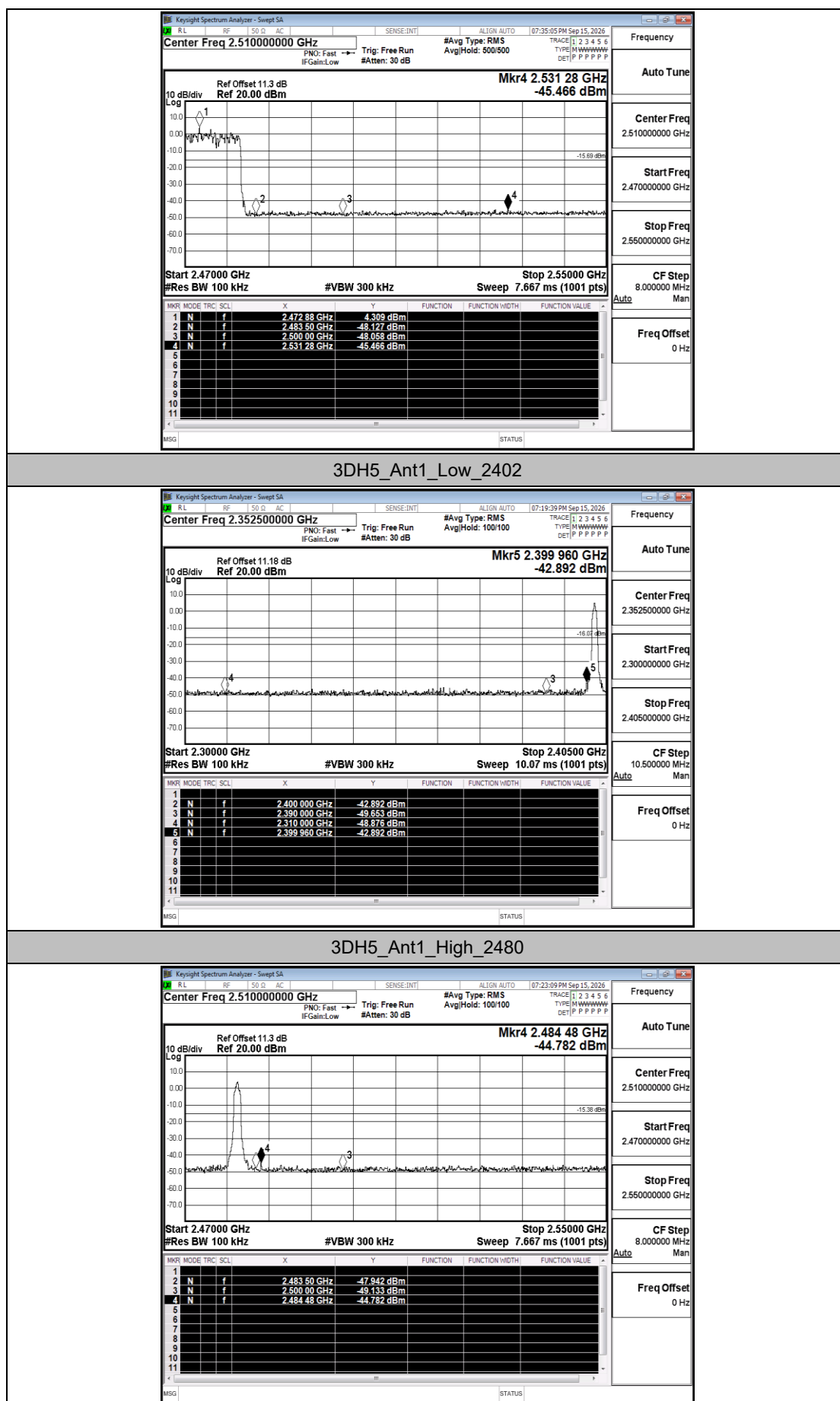
2DH5_Ant1_High_2480

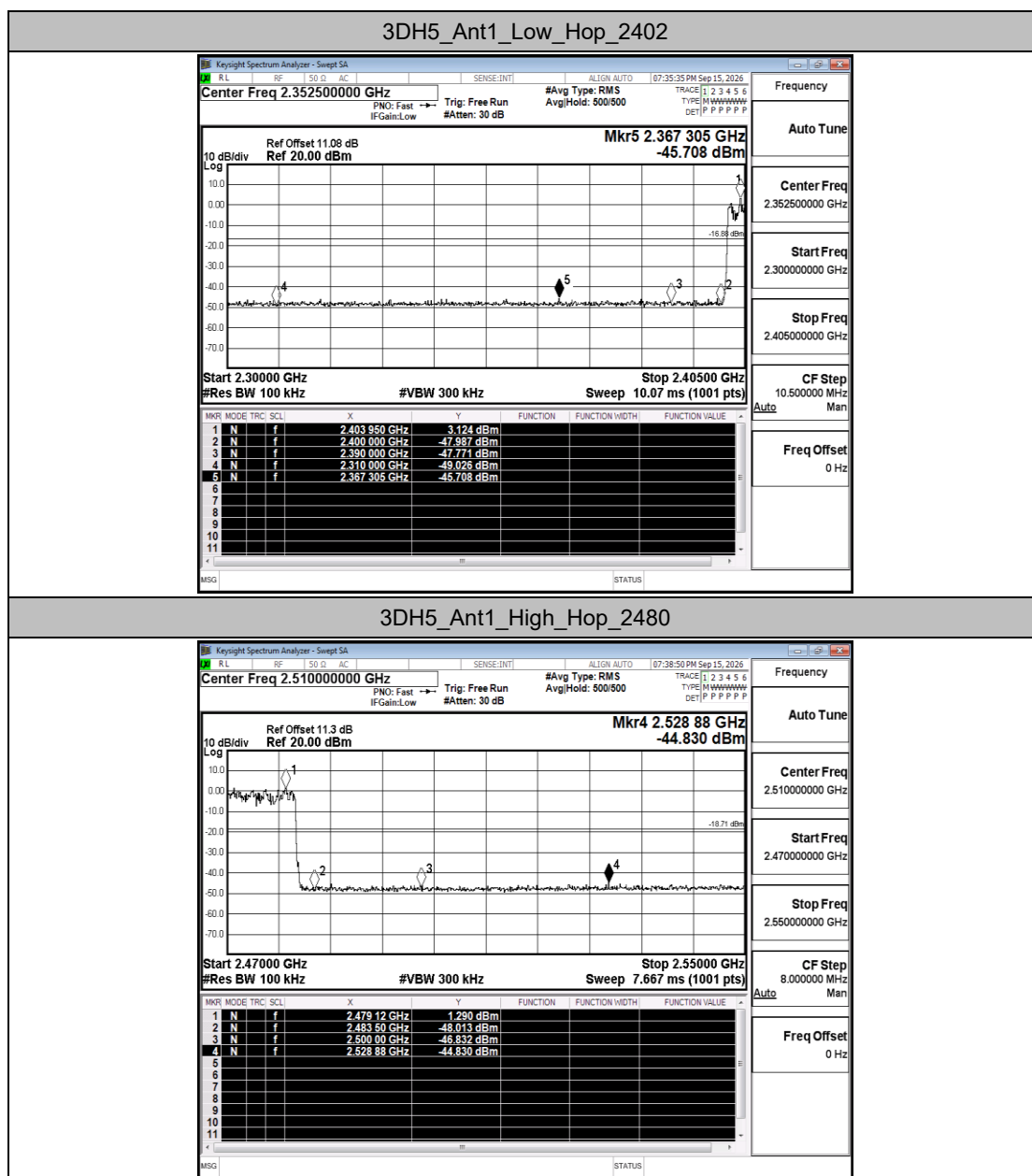


2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	5.02	5.02	---	PASS
			30~1000	5.02	-56.77	≤-14.98	PASS
			1000~26500	5.02	-43.57	≤-14.98	PASS
		2441	Reference	4.99	4.99	---	PASS
			30~1000	4.99	-56.68	≤-15.01	PASS
			1000~26500	4.99	-44.81	≤-15.01	PASS
		2480	Reference	4.59	4.59	---	PASS
			30~1000	4.59	-56.9	≤-15.41	PASS
			1000~26500	4.59	-43.39	≤-15.41	PASS
2DH5	Ant1	2402	Reference	4.98	4.98	---	PASS
			30~1000	4.98	-56.21	≤-15.02	PASS
			1000~26500	4.98	-44.2	≤-15.02	PASS
		2441	Reference	4.95	4.95	---	PASS
			30~1000	4.95	-55.89	≤-15.05	PASS
			1000~26500	4.95	-44.31	≤-15.05	PASS
		2480	Reference	4.61	4.61	---	PASS
			30~1000	4.61	-56.14	≤-15.39	PASS
			1000~26500	4.61	-45.37	≤-15.39	PASS
3DH5	Ant1	2402	Reference	4.98	4.98	---	PASS
			30~1000	4.98	-55.94	≤-15.02	PASS
			1000~26500	4.98	-44.48	≤-15.02	PASS
		2441	Reference	4.90	4.90	---	PASS
			30~1000	4.90	-56.03	≤-15.1	PASS
			1000~26500	4.90	-44.35	≤-15.1	PASS
		2480	Reference	4.61	4.61	---	PASS
			30~1000	4.61	-56.27	≤-15.39	PASS
			1000~26500	4.61	-43.75	≤-15.39	PASS

Test Graphs

