

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: HPD-AD610

Environmental Conditions

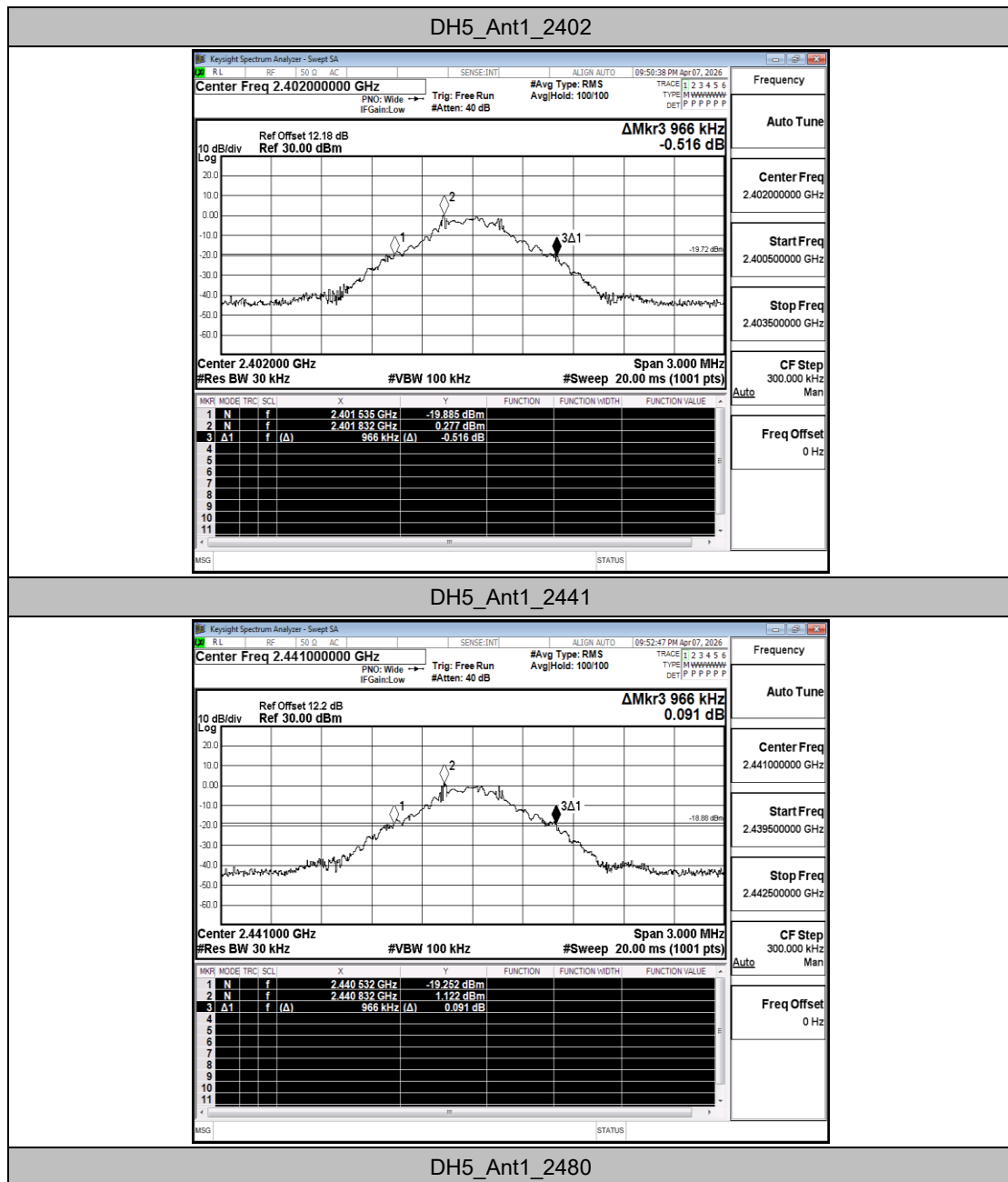
Temperature:	24.7°C
Relative Humidity:	55.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

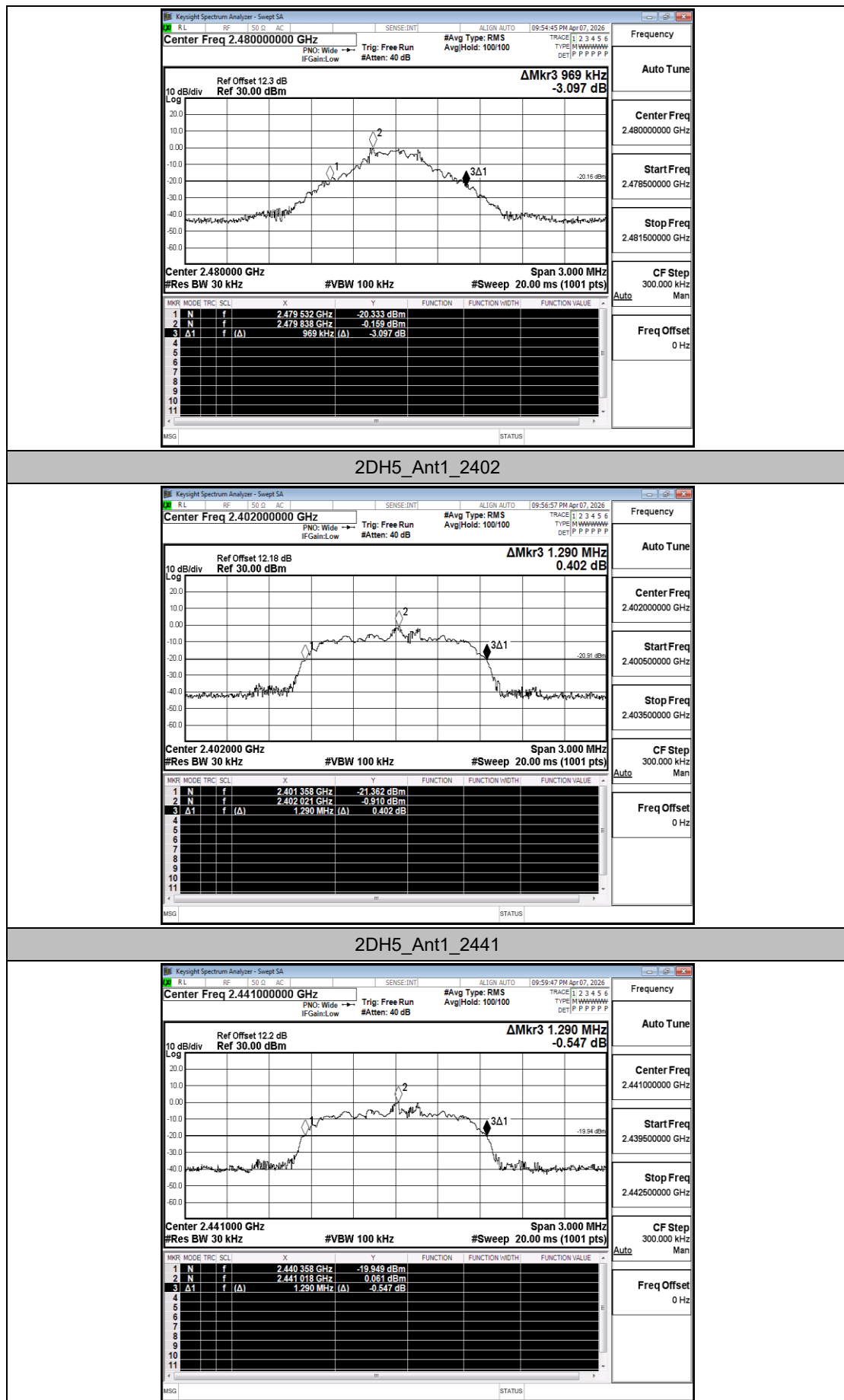
A.1 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.966	2401.535	2402.501	---	---
		2441	0.966	2440.532	2441.498	---	---
		2480	0.969	2479.532	2480.501	---	---
2DH5	Ant1	2402	1.290	2401.358	2402.648	---	---
		2441	1.290	2440.358	2441.648	---	---
		2480	1.284	2479.361	2480.645	---	---
3DH5	Ant1	2402	1.299	2401.346	2402.645	---	---
		2441	1.299	2440.346	2441.645	---	---
		2480	1.296	2479.343	2480.639	---	---

Test Graphs



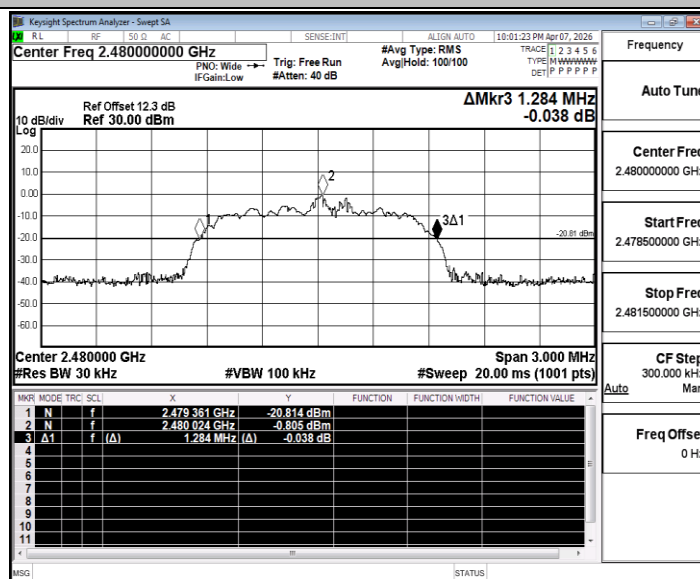


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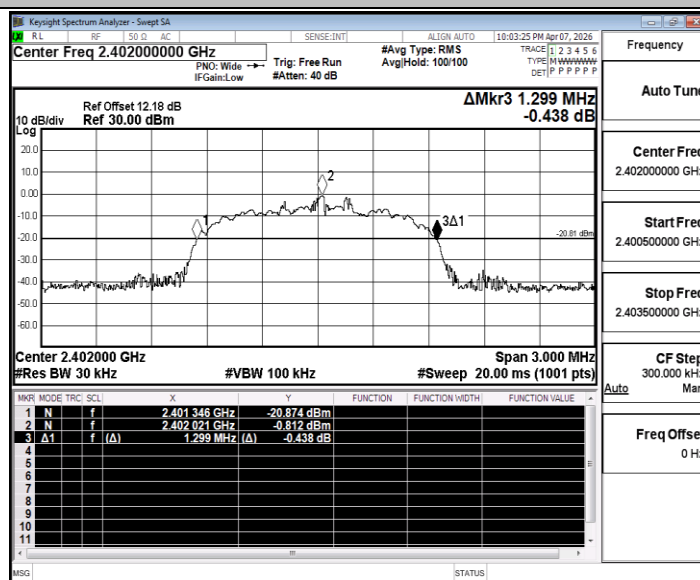
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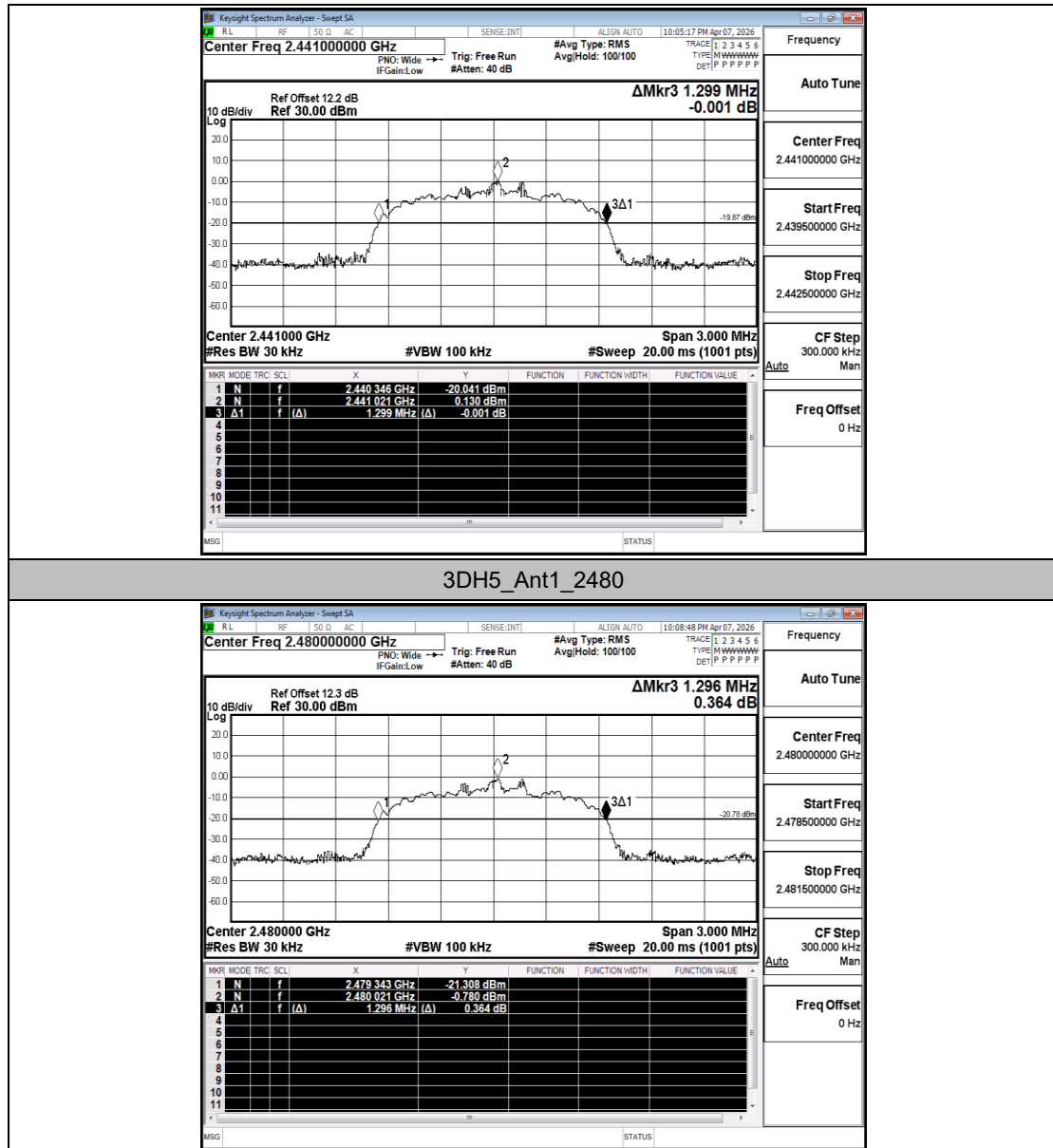
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

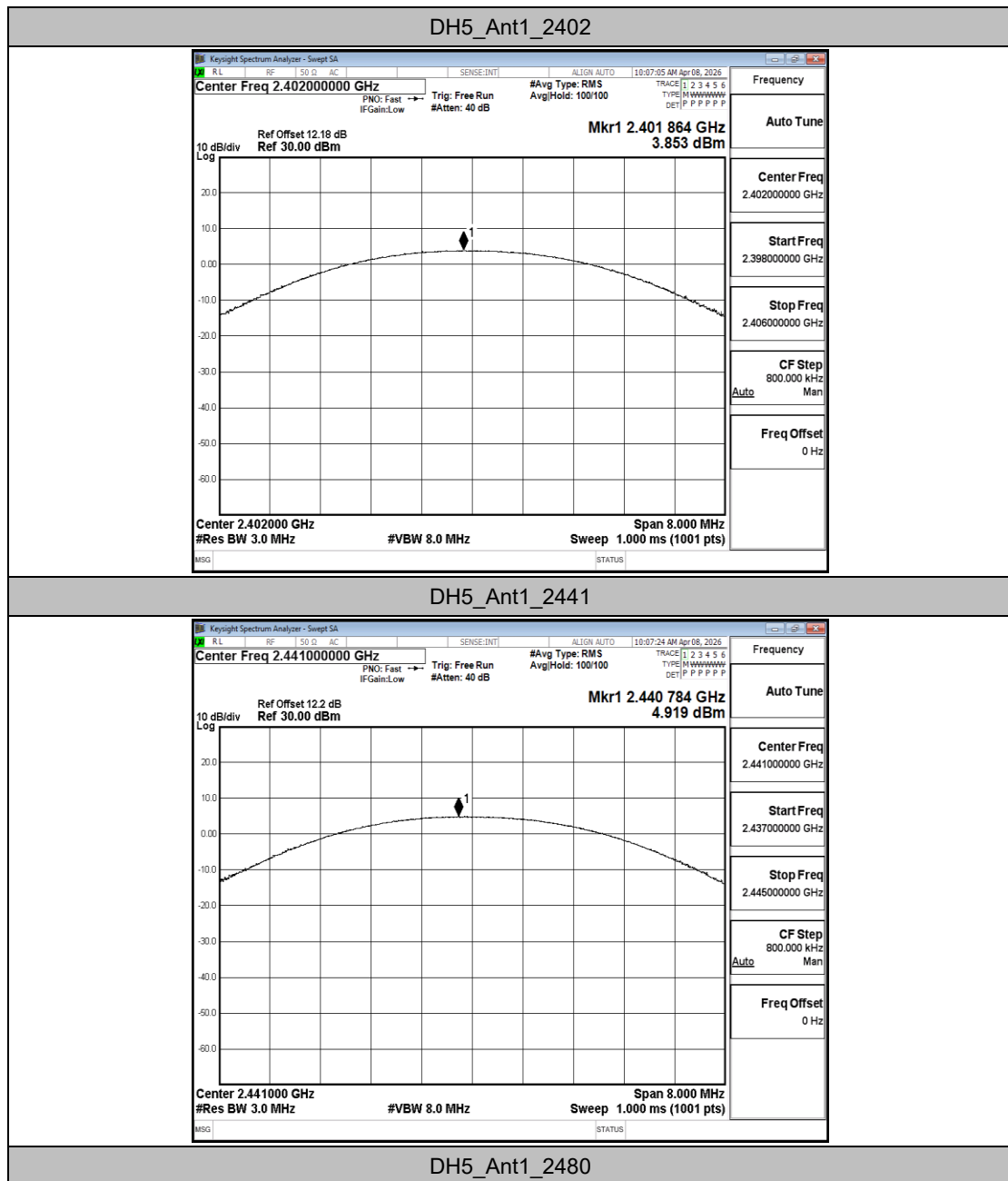


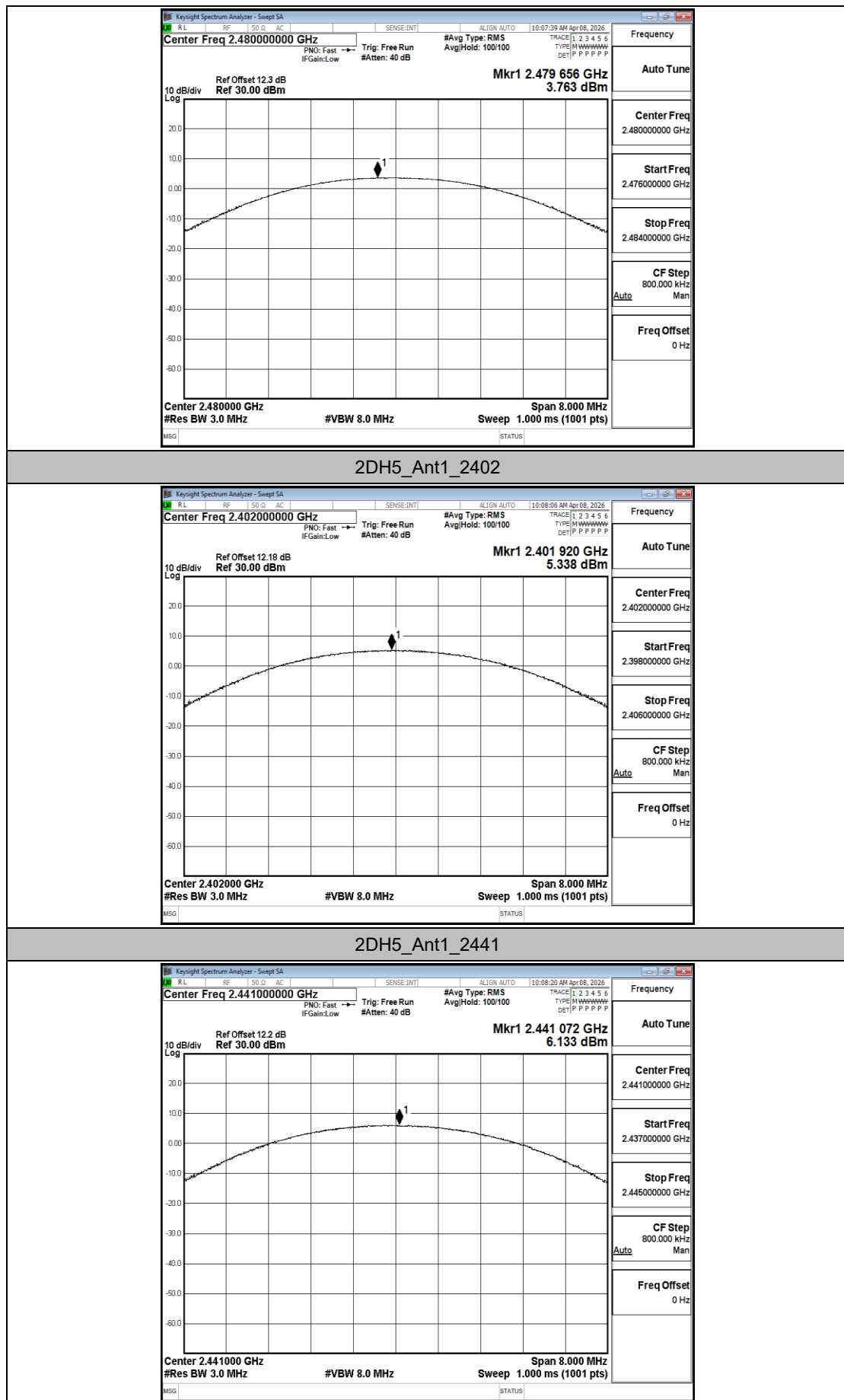
A.2 Maximum Peak conducted output power

Test Result Peak

Test Mode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.85	≤30	PASS
		2441	4.92	≤30	PASS
		2480	3.76	≤30	PASS
2DH5	Ant1	2402	5.34	≤30	PASS
		2441	6.13	≤30	PASS
		2480	4.81	≤30	PASS
3DH5	Ant1	2402	5.73	≤30	PASS
		2441	6.21	≤30	PASS
		2480	5.08	≤30	PASS

Test Graphs

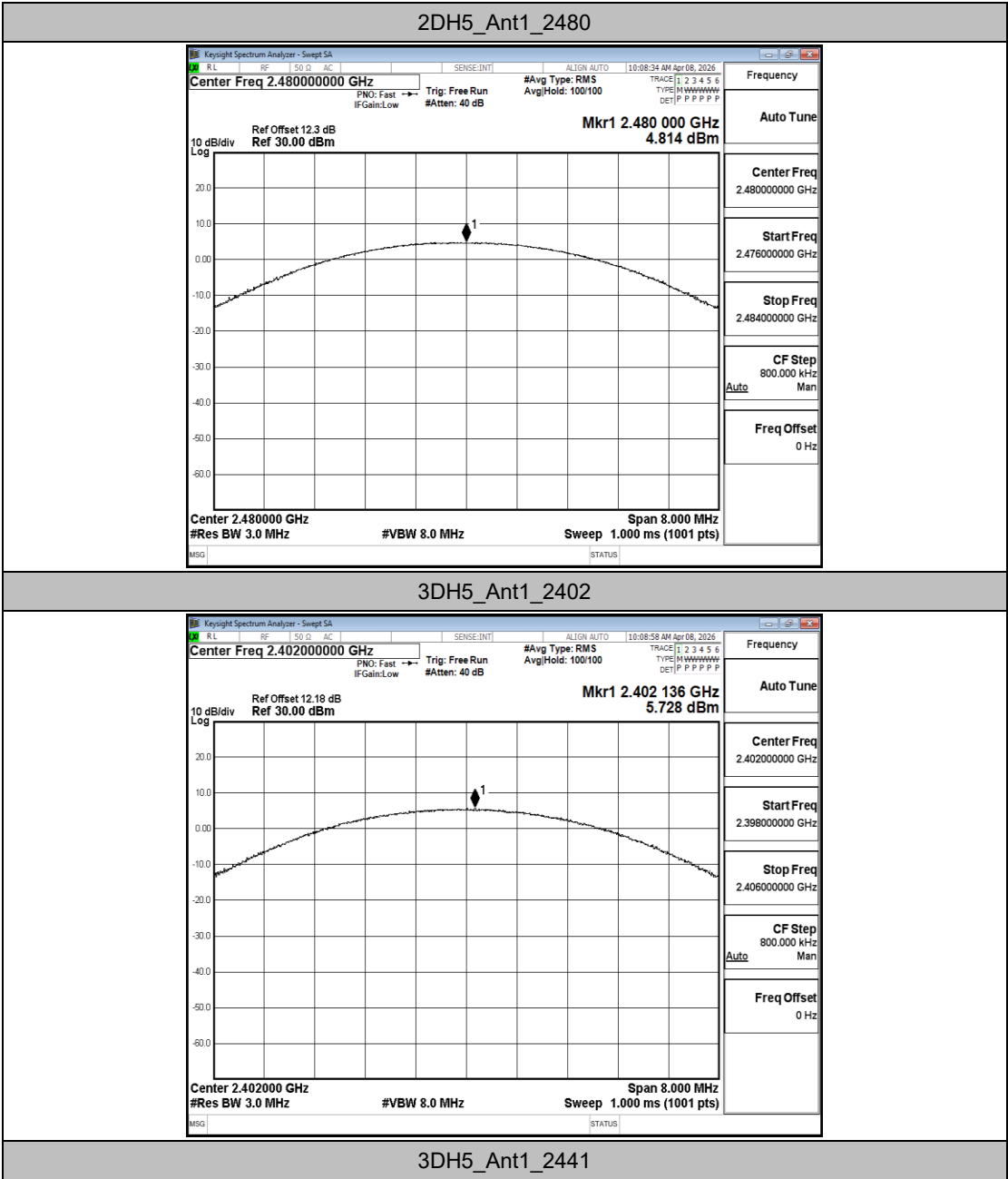


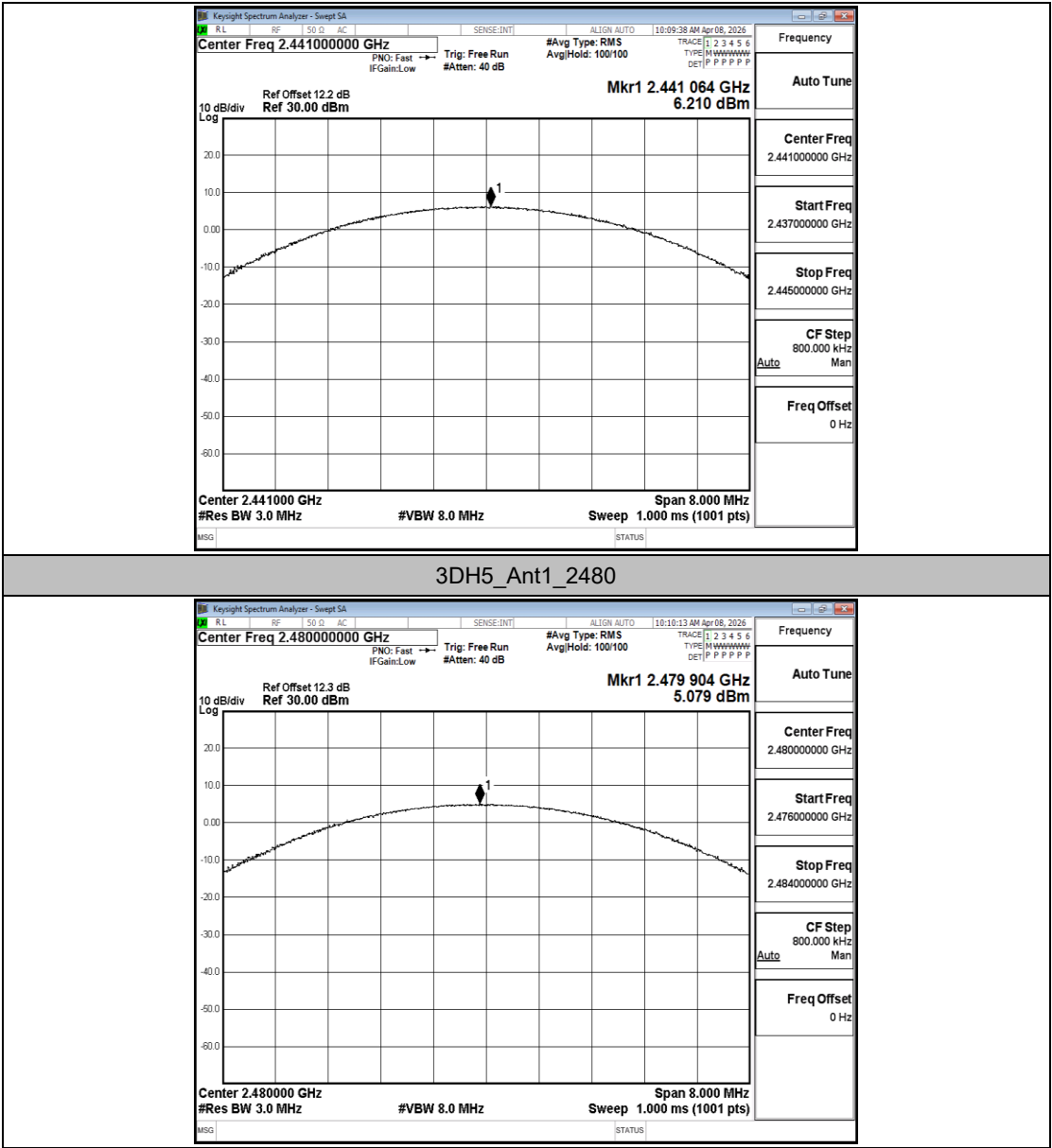


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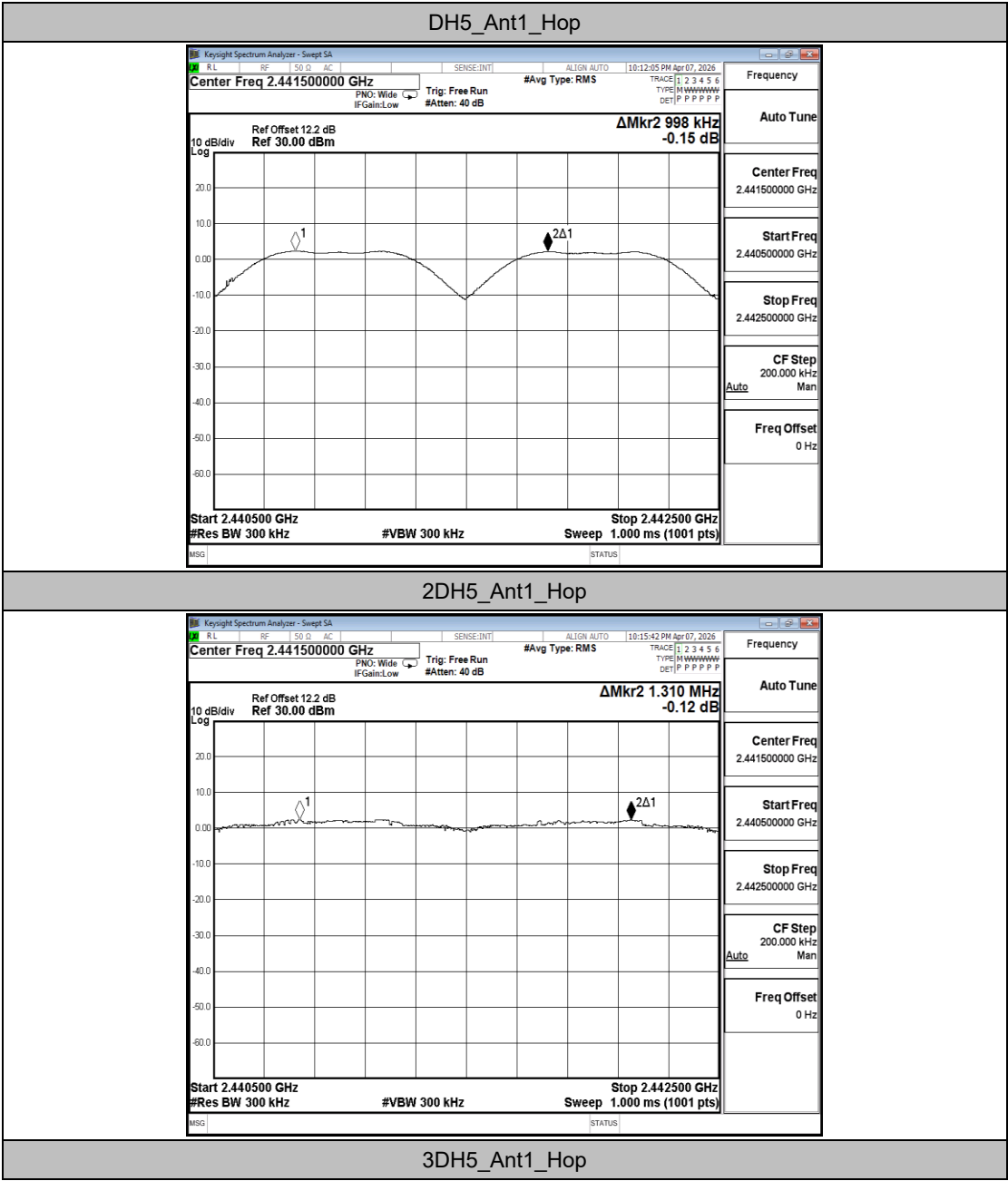


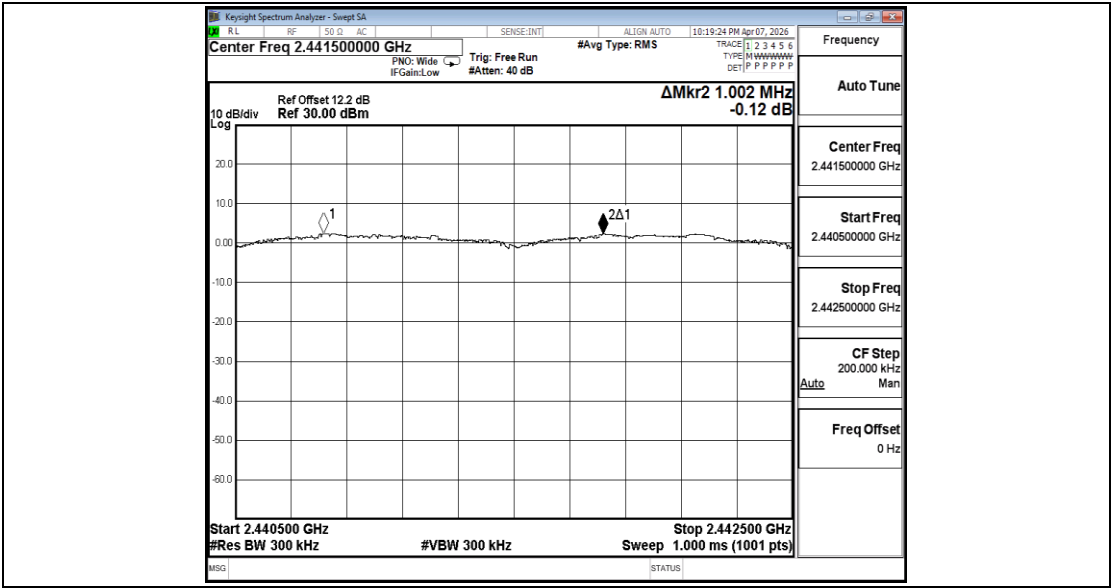
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.969	PASS
2DH5	Ant1	Hop	1.31	≥ 1.290	PASS
3DH5	Ant1	Hop	1.002	≥ 0.866	PASS

Test Graphs



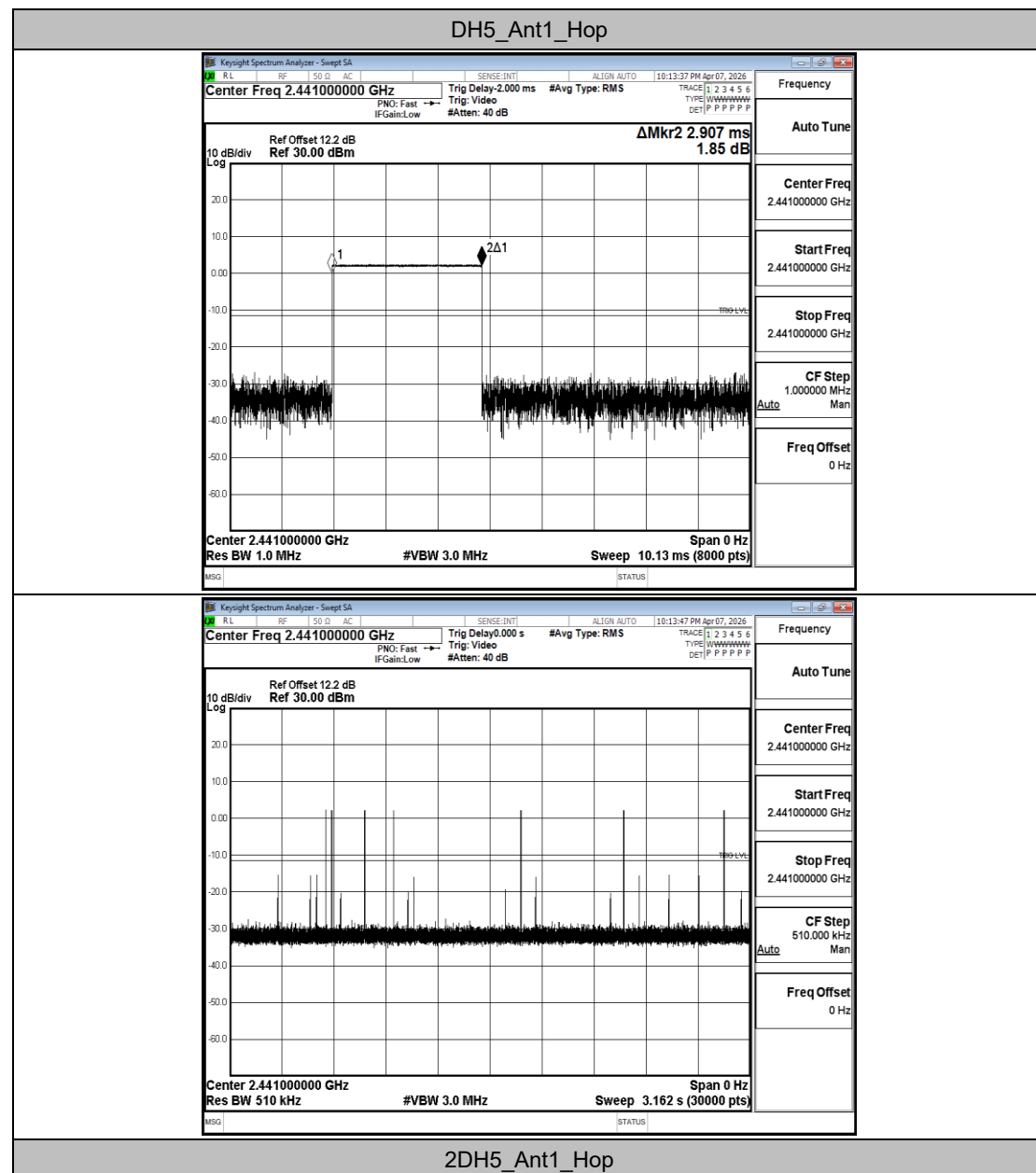


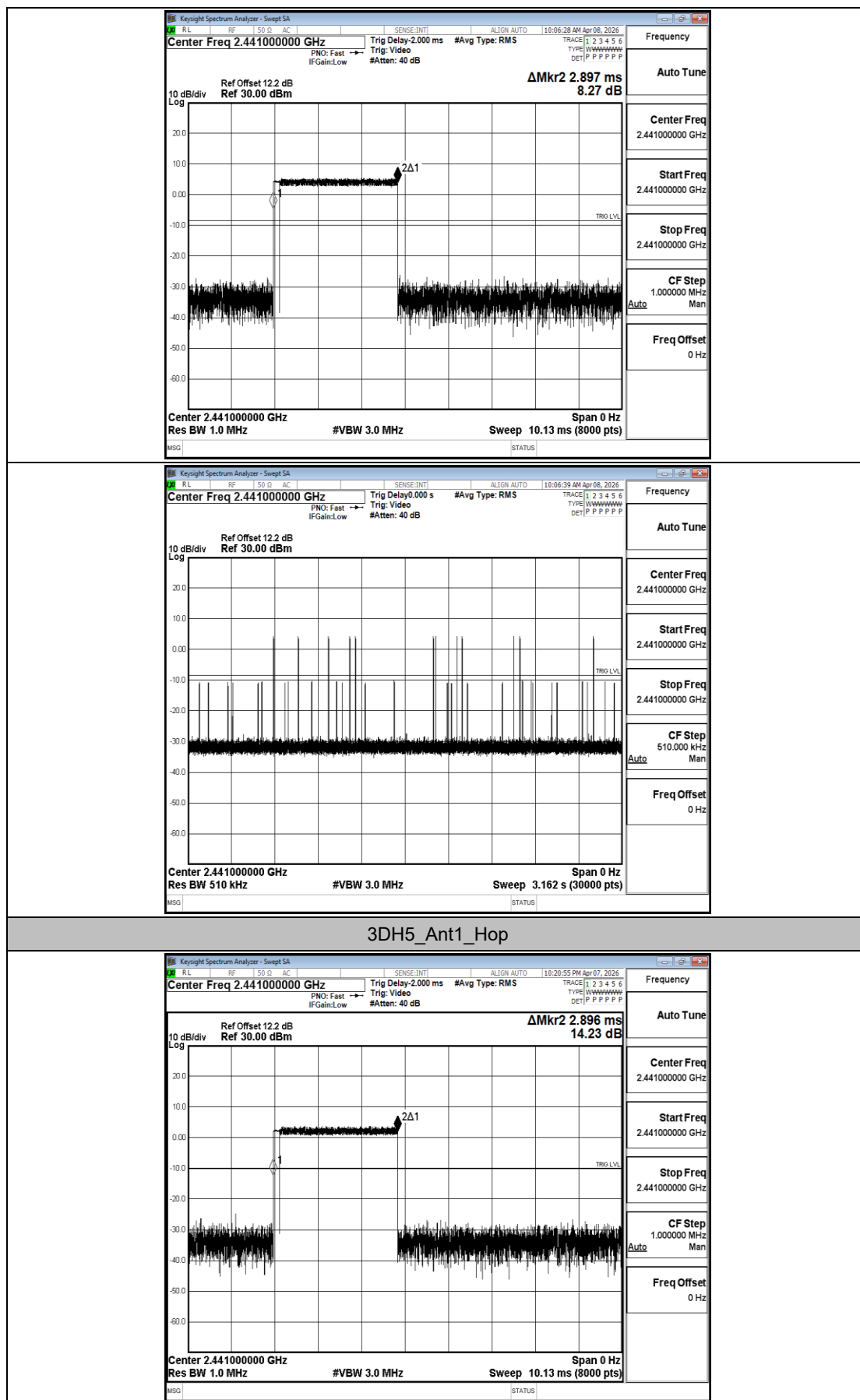
A.4 Time of occupancy

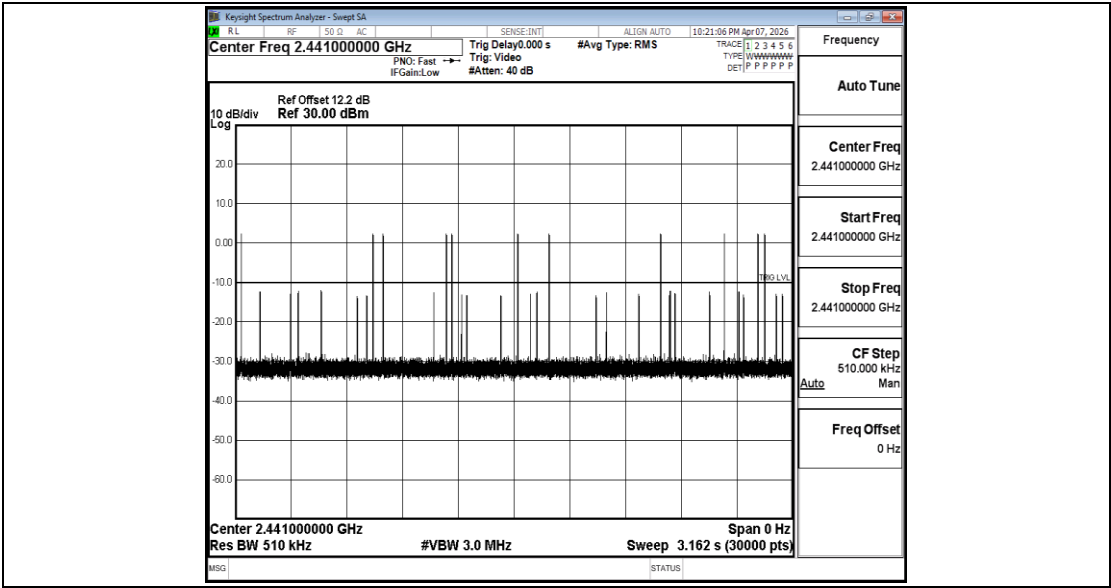
Test Result

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	130	0.377	≤0.4	PASS
3DH5	Ant1	Hop	2.896	120	0.348	≤0.4	PASS

Test Graphs





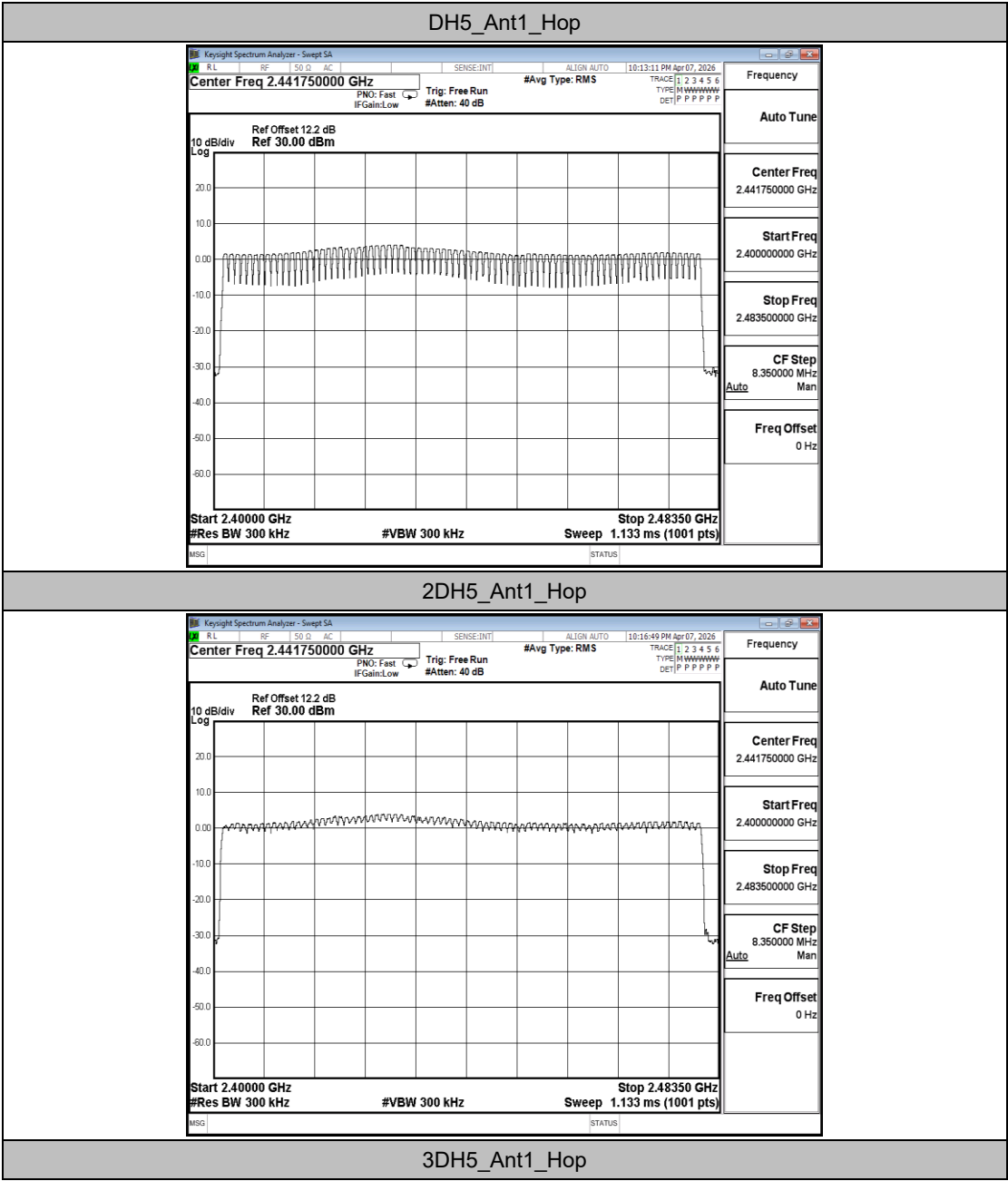


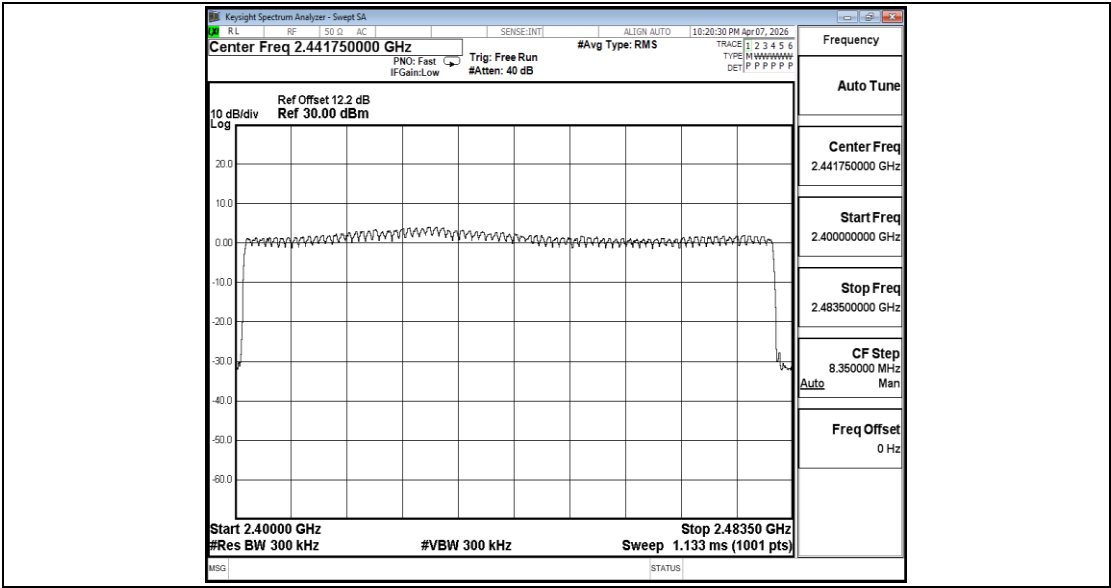
A.5 Number of hopping channels

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



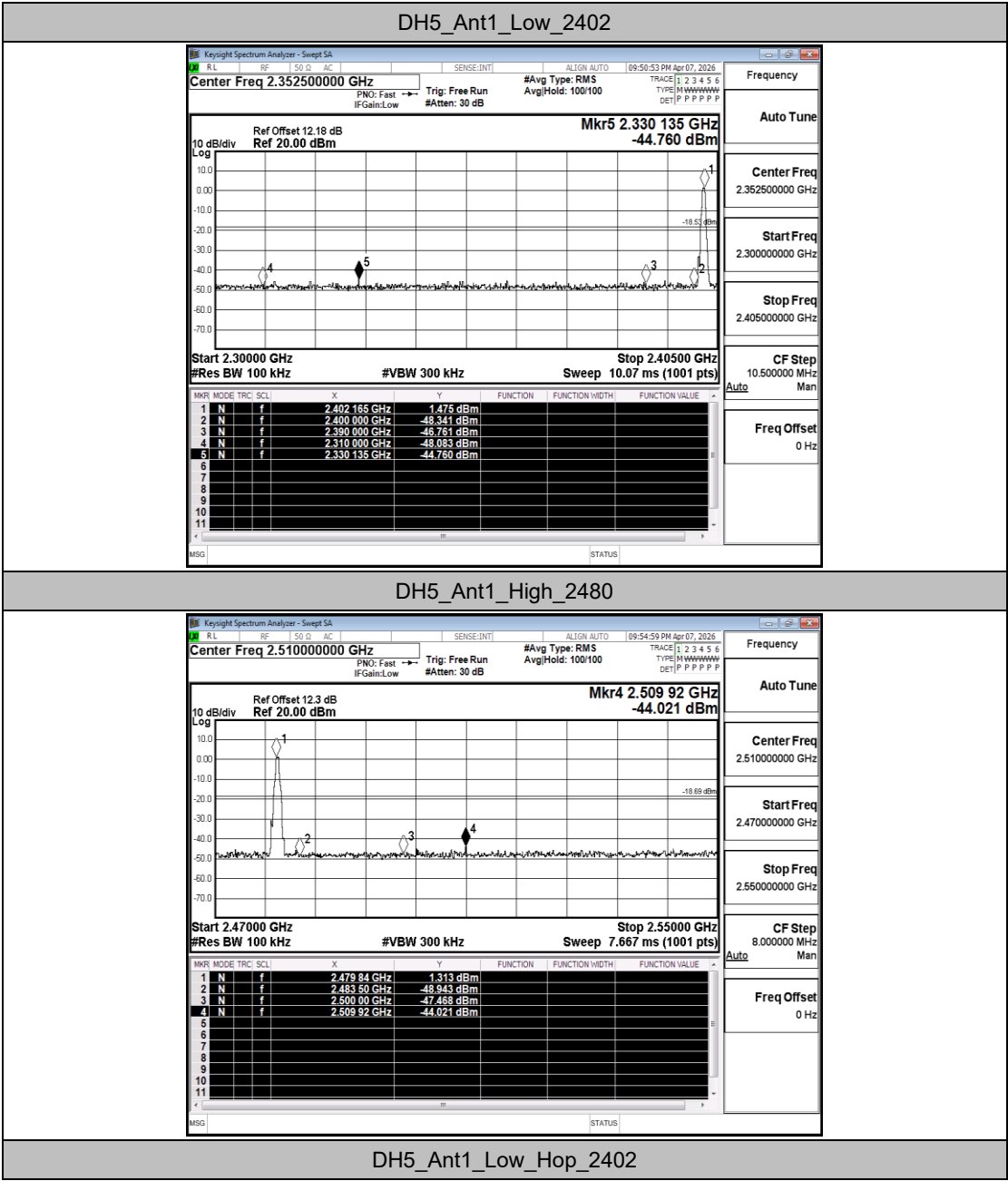


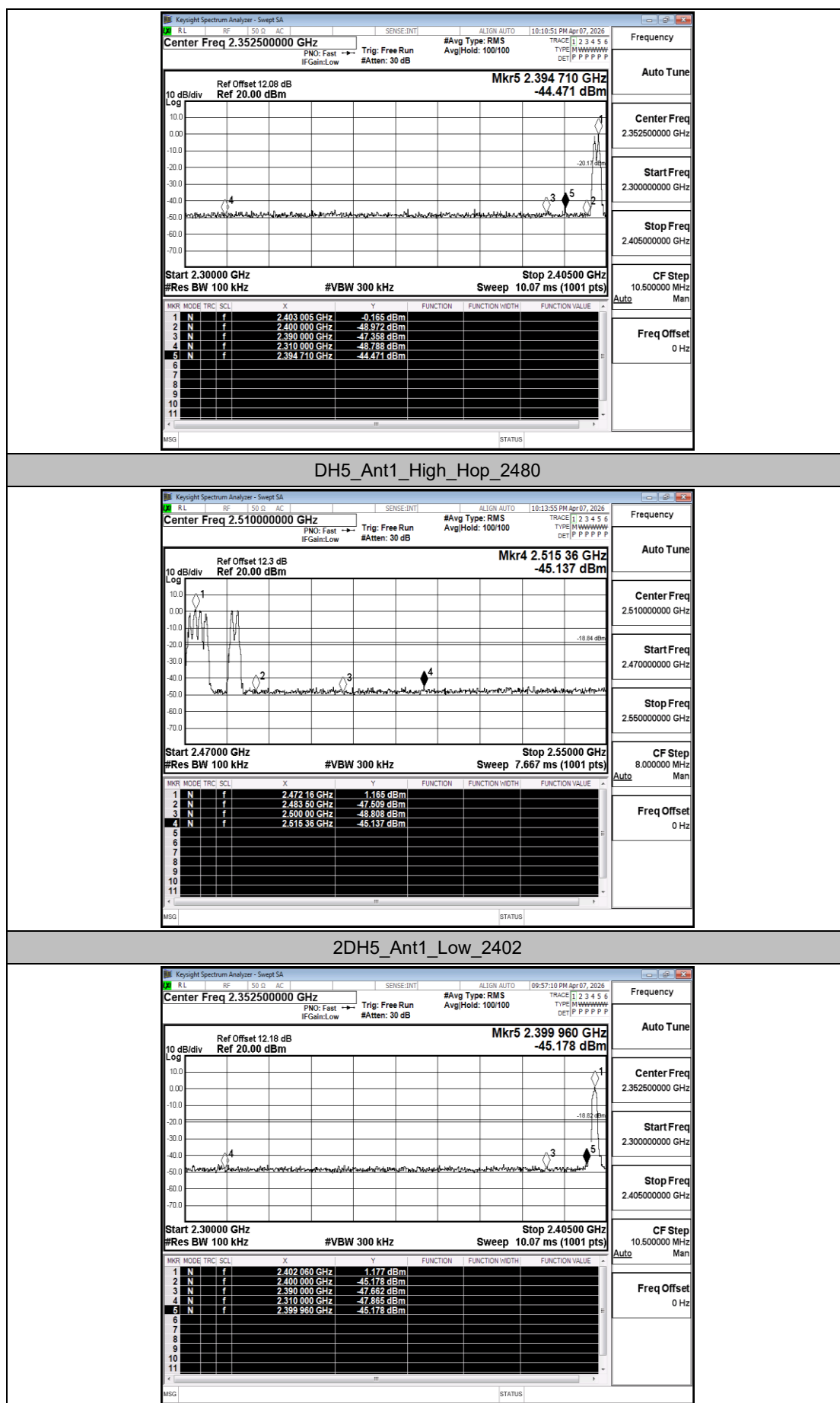
A.6 Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.48	-44.76	≤-18.53	PASS
		High	2480	1.31	-44.02	≤-18.69	PASS
		Low	Hop_2402	-0.17	-44.47	≤-20.17	PASS
		High	Hop_2480	1.17	-45.14	≤-18.84	PASS
2DH5	Ant1	Low	2402	1.18	-45.18	≤-18.82	PASS
		High	2480	1.26	-44.3	≤-18.74	PASS
		Low	Hop_2402	-2.85	-45.5	≤-22.85	PASS
		High	Hop_2480	1.48	-45.4	≤-18.52	PASS
3DH5	Ant1	Low	2402	-0.82	-44.86	≤-20.82	PASS
		High	2480	0.57	-44.81	≤-19.43	PASS
		Low	Hop_2402	-3.79	-44.84	≤-23.79	PASS
		High	Hop_2480	1.53	-45.15	≤-18.47	PASS

Test Graphs



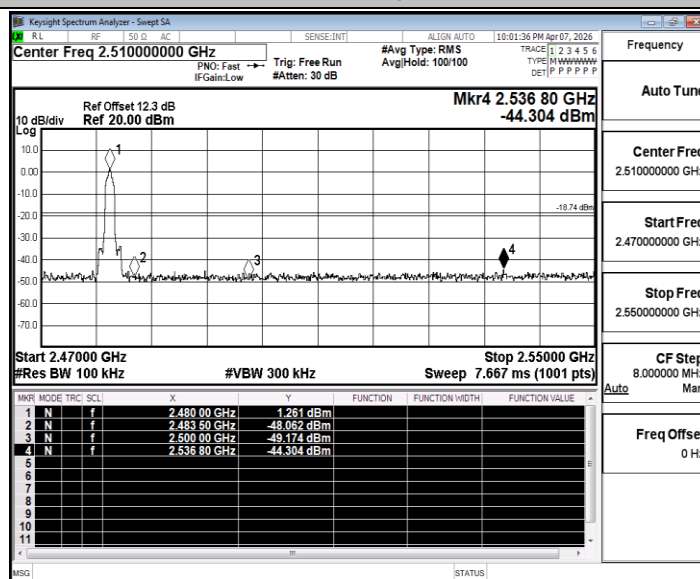


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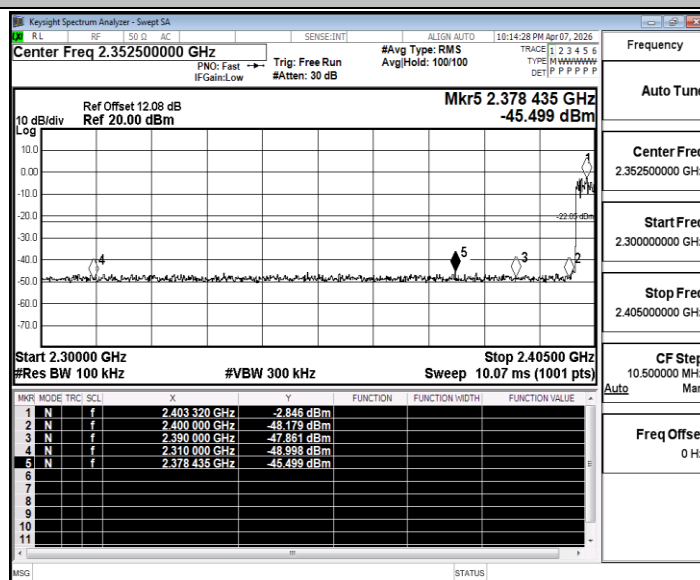
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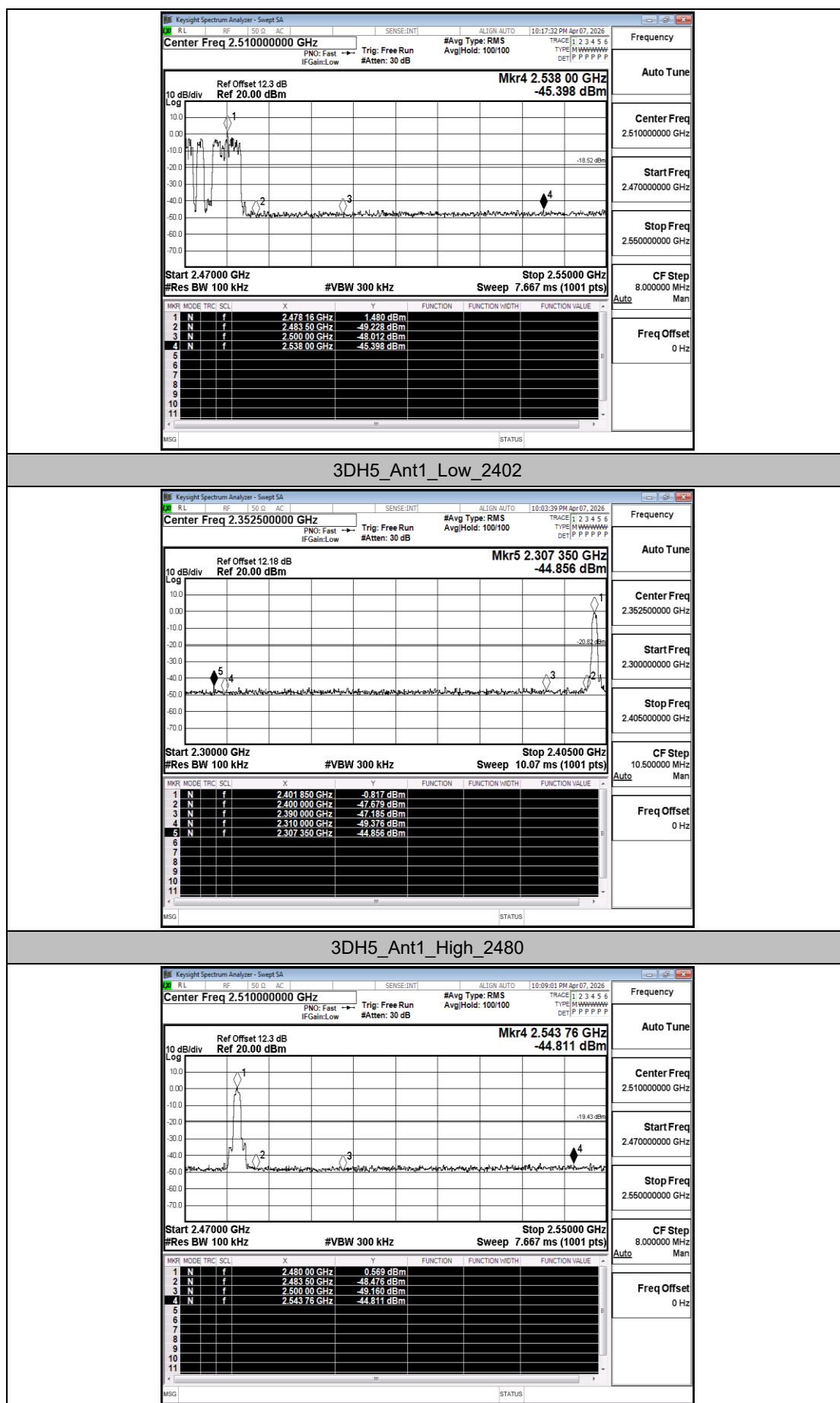
2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



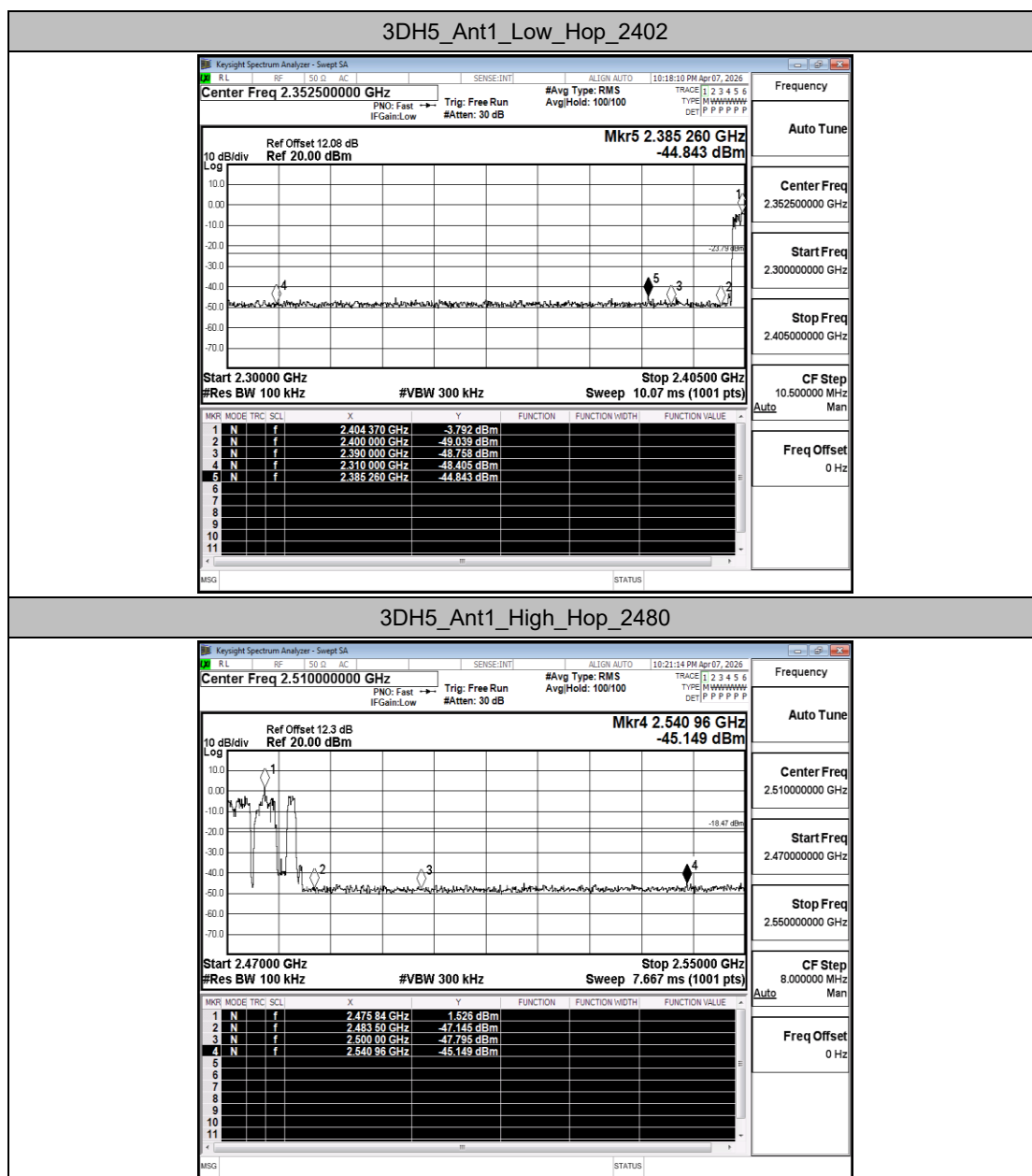
2DH5_Ant1_High_Hop_2480



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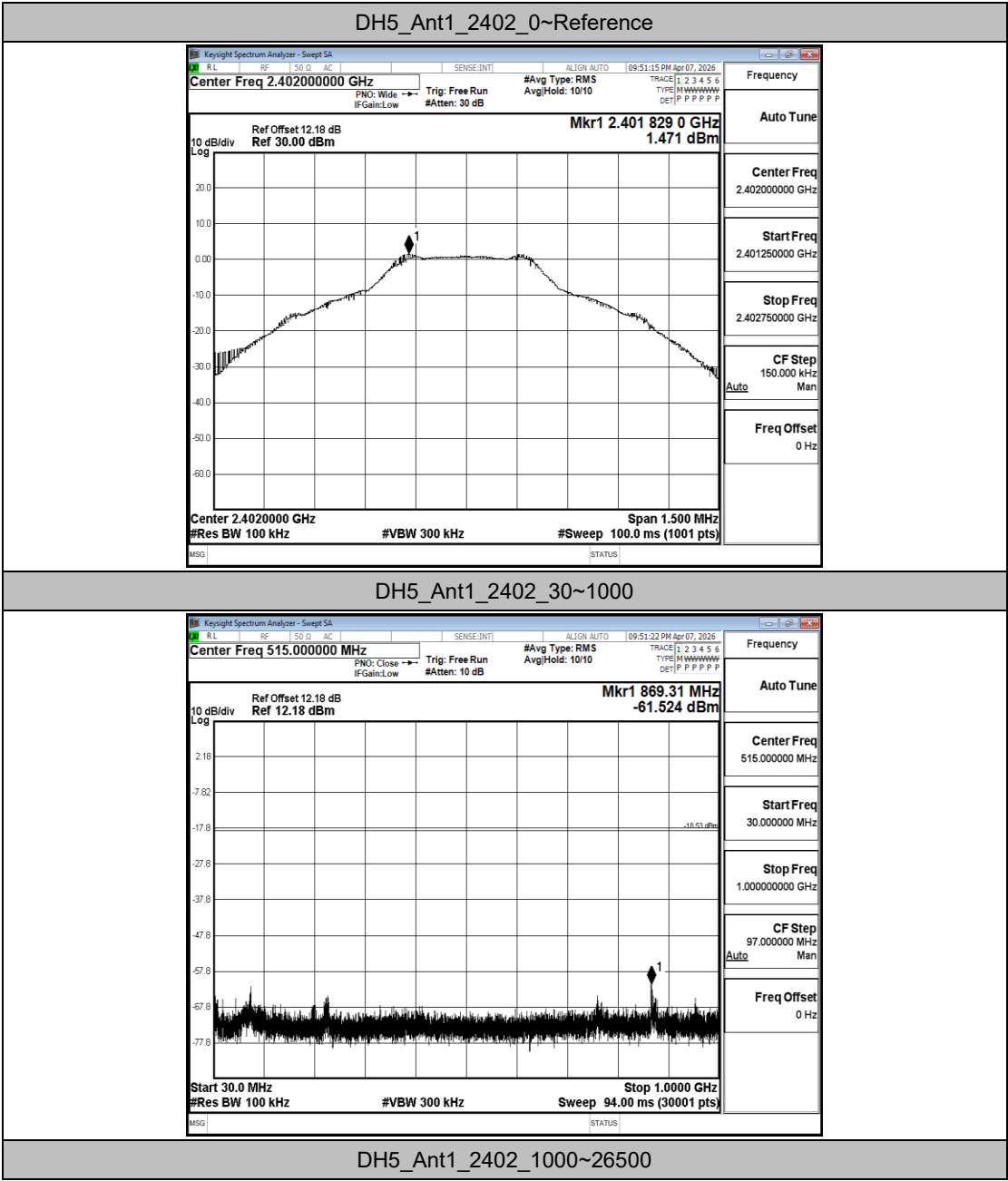


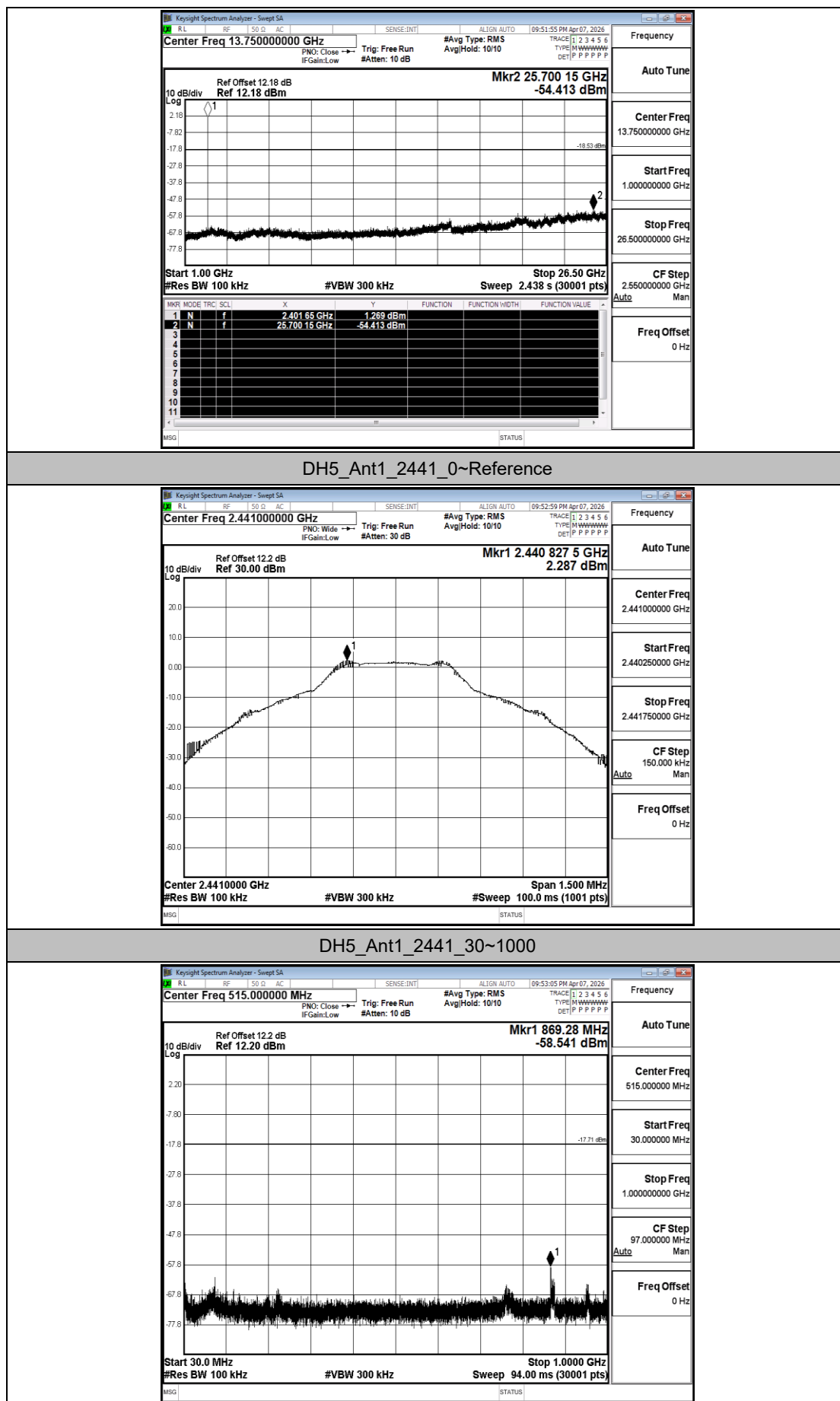
A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.47	1.47	---	PASS
			30~1000	1.47	-61.52	≤-18.53	PASS
			1000~26500	1.47	-54.41	≤-18.53	PASS
		2441	Reference	2.29	2.29	---	PASS
			30~1000	2.29	-58.54	≤-17.71	PASS
			1000~26500	2.29	-54.46	≤-17.71	PASS
		2480	Reference	1.35	1.35	---	PASS
			30~1000	1.35	-53.23	≤-18.65	PASS
			1000~26500	1.35	-53.83	≤-18.65	PASS
2DH5	Ant1	2402	Reference	1.14	1.14	---	PASS
			30~1000	1.14	-60.08	≤-18.86	PASS
			1000~26500	1.14	-54.16	≤-18.86	PASS
		2441	Reference	2.08	2.08	---	PASS
			30~1000	2.08	-59.49	≤-17.92	PASS
			1000~26500	2.08	-54.78	≤-17.92	PASS
		2480	Reference	1.19	1.19	---	PASS
			30~1000	1.19	-58.3	≤-18.81	PASS
			1000~26500	1.19	-53.93	≤-18.81	PASS
3DH5	Ant1	2402	Reference	1.29	1.29	---	PASS
			30~1000	1.29	-58.35	≤-18.71	PASS
			1000~26500	1.29	-54.65	≤-18.71	PASS
		2441	Reference	2.25	2.25	---	PASS
			30~1000	2.25	-58.93	≤-17.75	PASS
			1000~26500	2.25	-54.03	≤-17.75	PASS
		2480	Reference	1.37	1.37	---	PASS
			30~1000	1.37	-56.63	≤-18.63	PASS
			1000~26500	1.37	-54.21	≤-18.63	PASS

Test Graphs





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