

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: 1975T TURNTABLE

Test Model: CR6038B-WA

Environmental Conditions

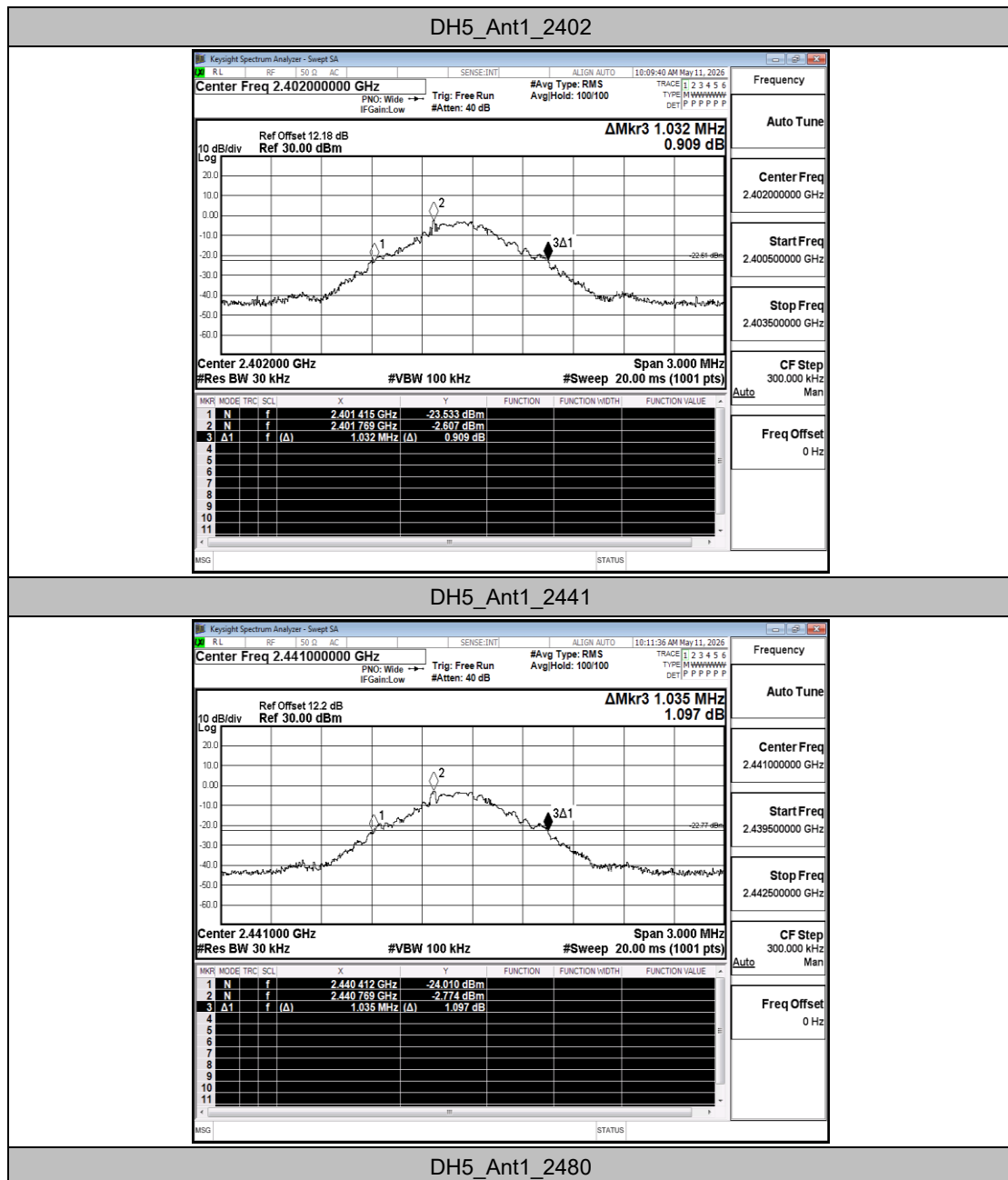
Temperature:	24.6°C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

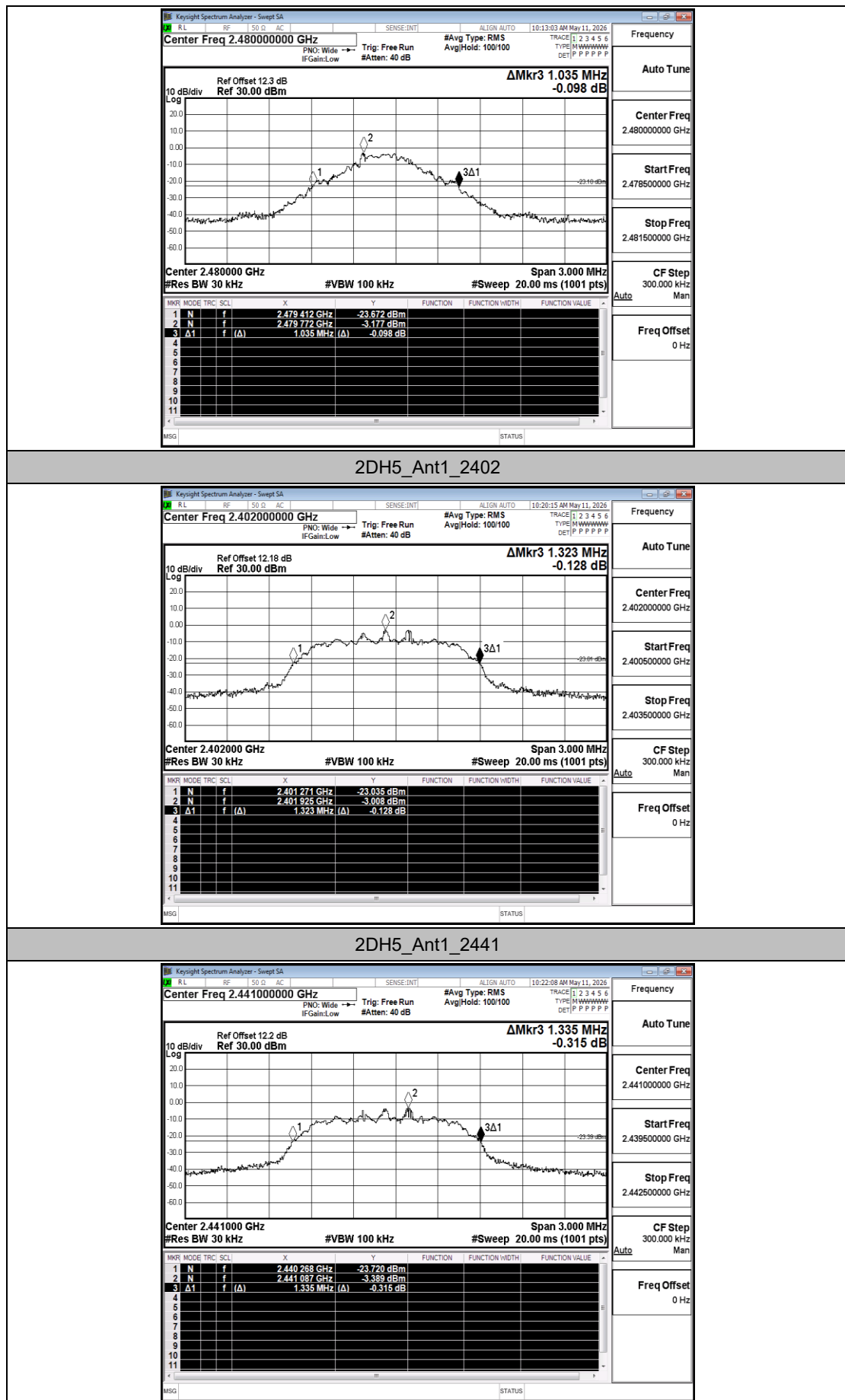
A.1 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.032	2401.415	2402.447	---	---
		2441	1.035	2440.412	2441.447	---	---
		2480	1.035	2479.412	2480.447	---	---
2DH5	Ant1	2402	1.323	2401.271	2402.594	---	---
		2441	1.335	2440.268	2441.603	---	---
		2480	1.332	2479.265	2480.597	---	---
3DH5	Ant1	2402	1.305	2401.283	2402.588	---	---
		2441	1.293	2440.286	2441.579	---	---
		2480	1.296	2479.280	2480.576	---	---

Test Graphs



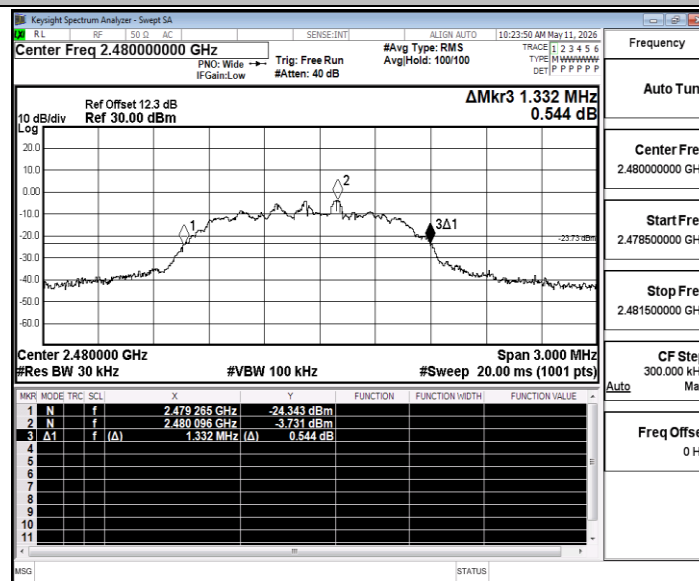


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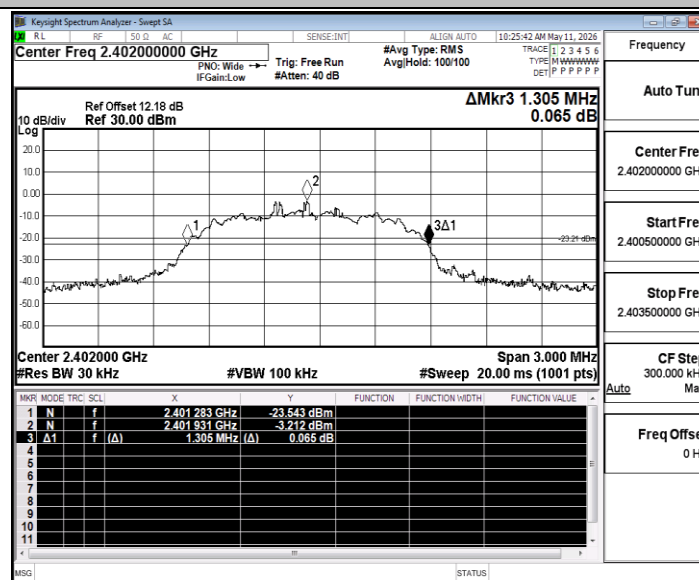
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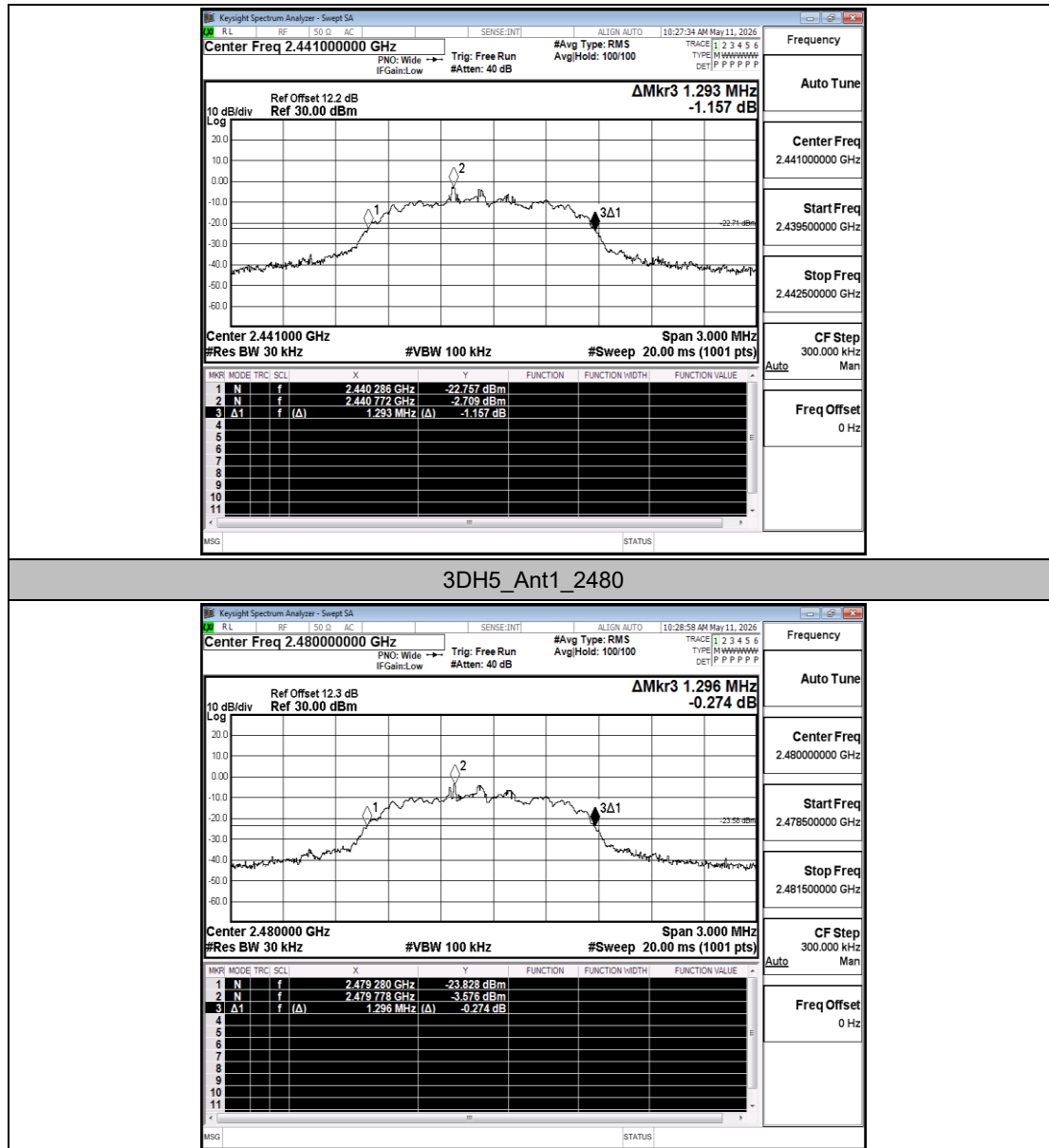
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

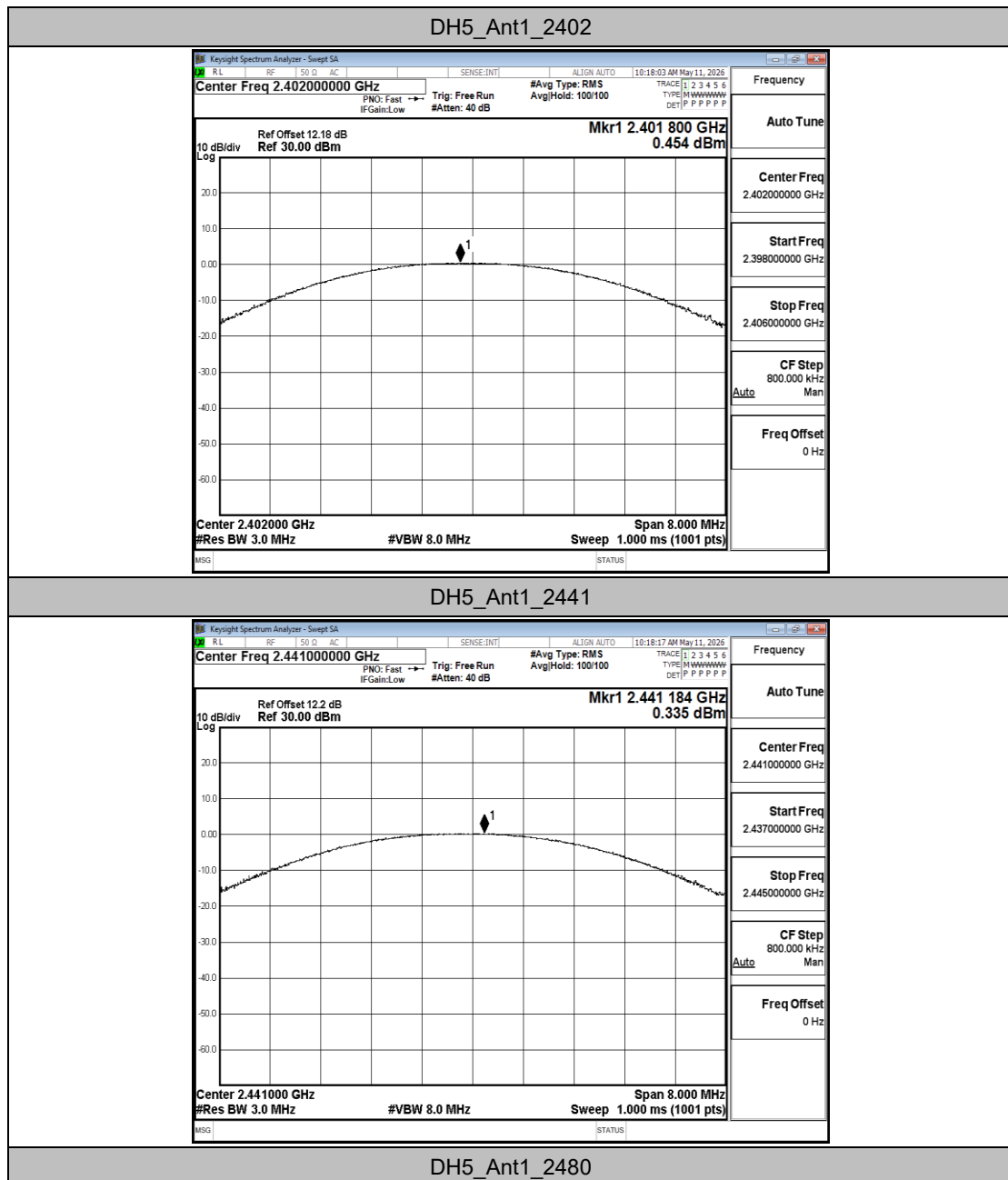


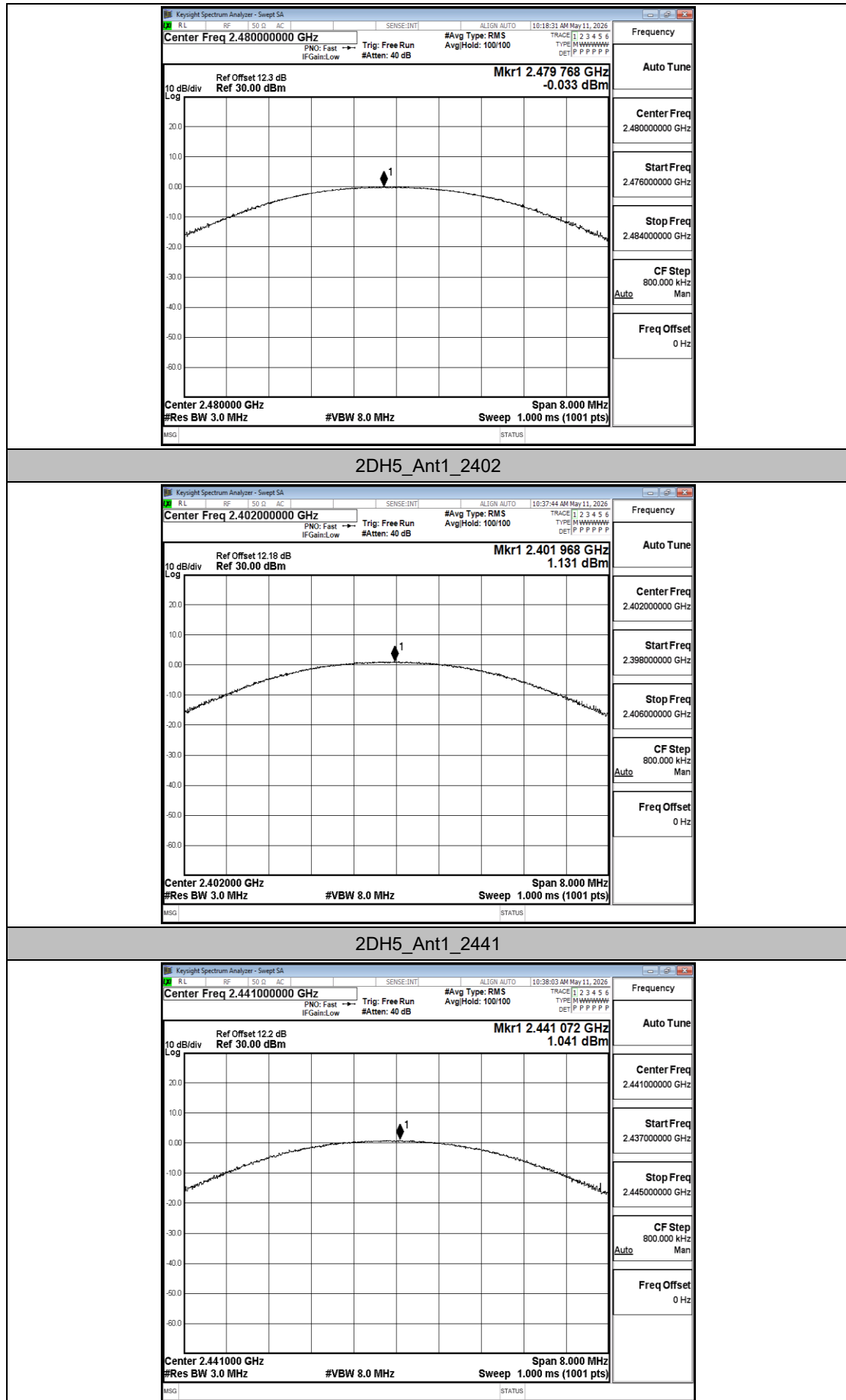
A.2 Maximum Peak conducted output power

Test Result Peak

Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.45	≤30	PASS
		2441	0.34	≤30	PASS
		2480	-0.03	≤30	PASS
2DH5	Ant1	2402	1.13	≤30	PASS
		2441	1.04	≤30	PASS
		2480	0.56	≤30	PASS
3DH5	Ant1	2402	1.54	≤30	PASS
		2441	1.18	≤30	PASS
		2480	1.01	≤30	PASS

Test Graphs

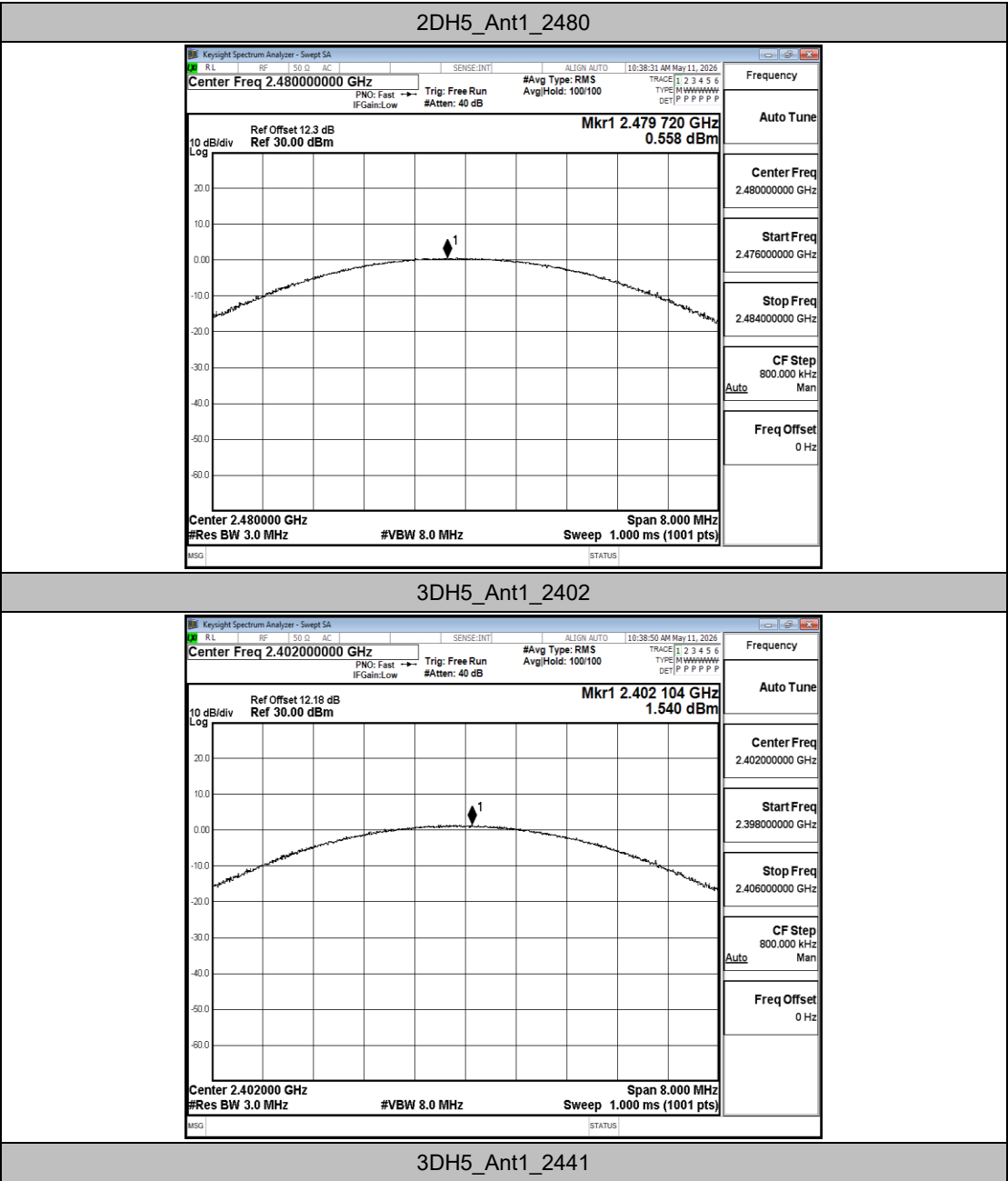


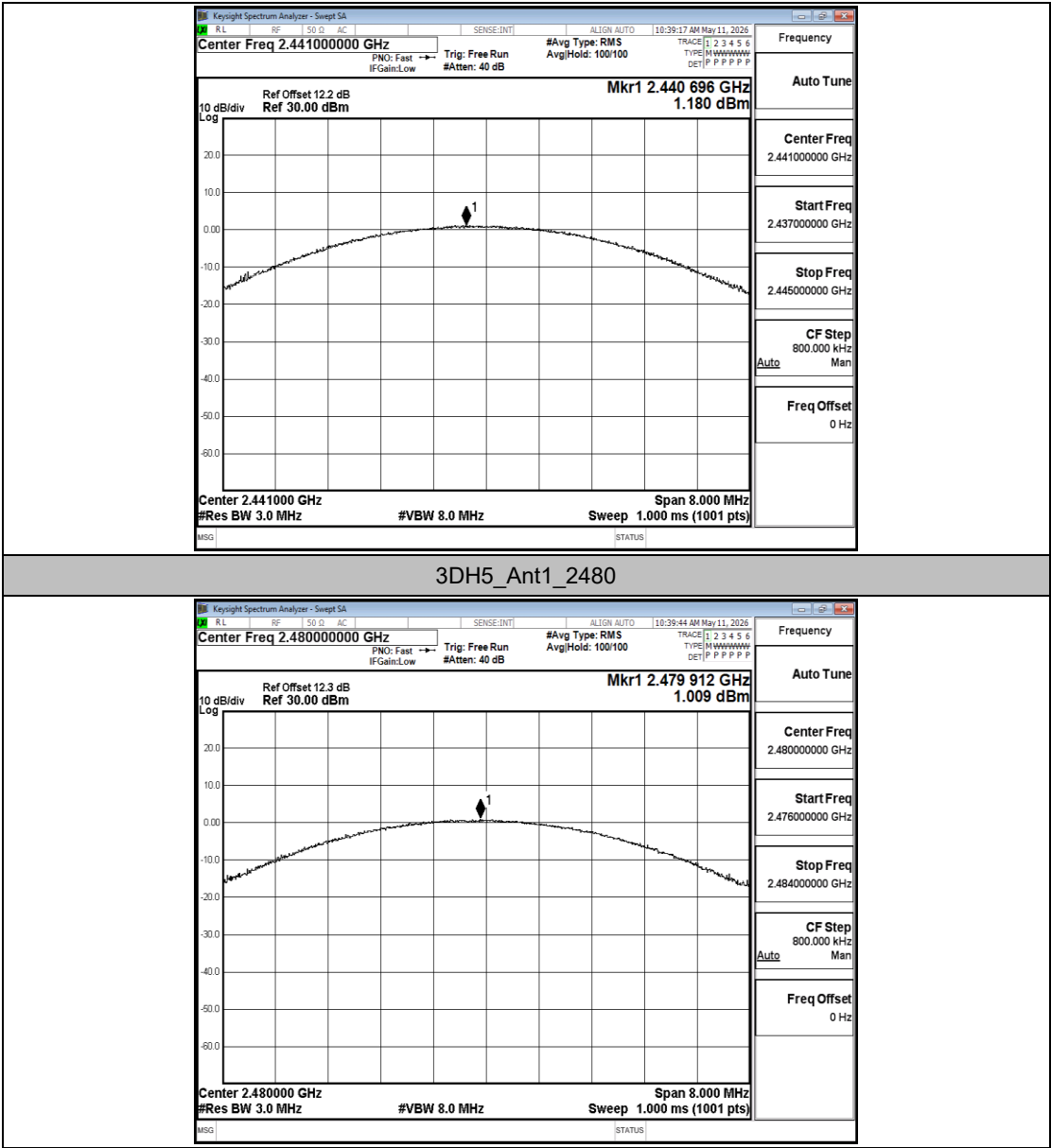


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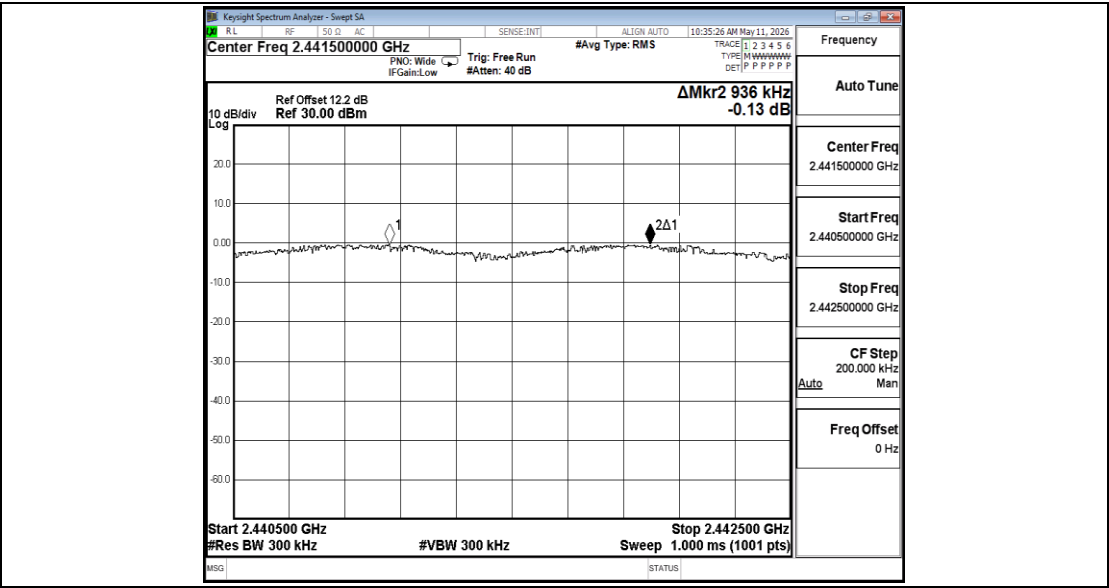




A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.006	≥0.690	PASS
2DH5	Ant1	Hop	0.962	≥0.890	PASS
3DH5	Ant1	Hop	0.936	≥0.870	PASS

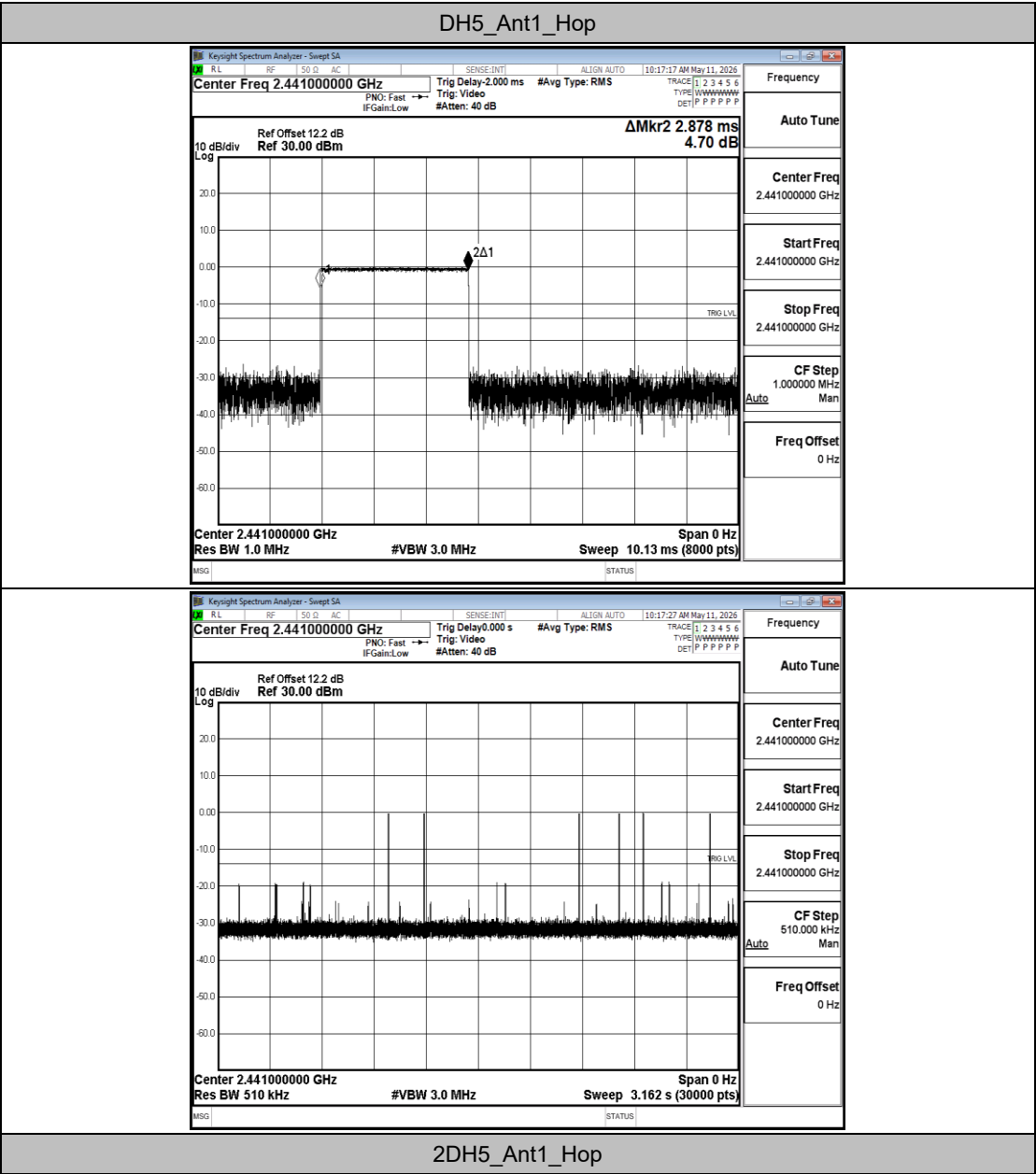


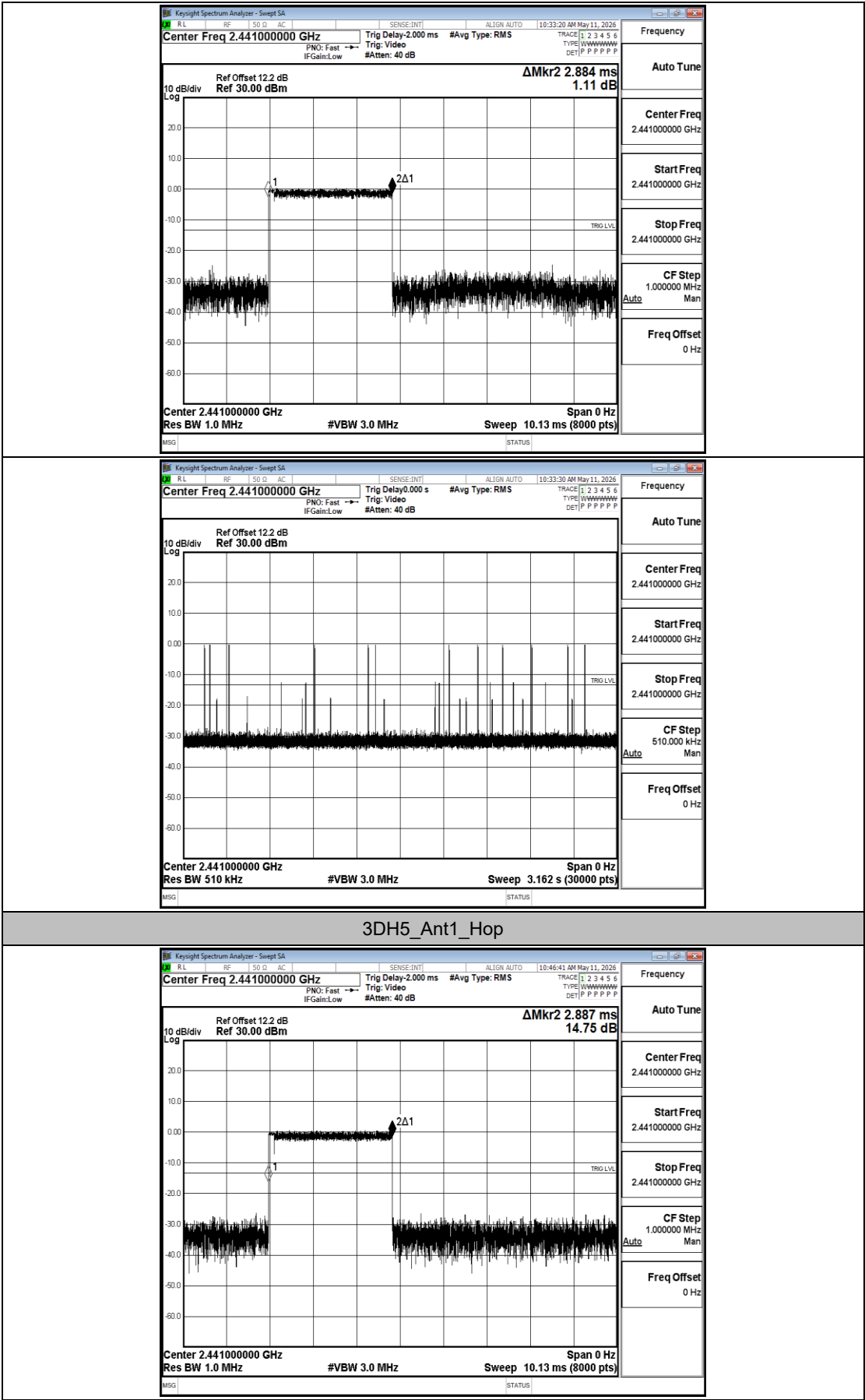
A.4 Time of occupancy

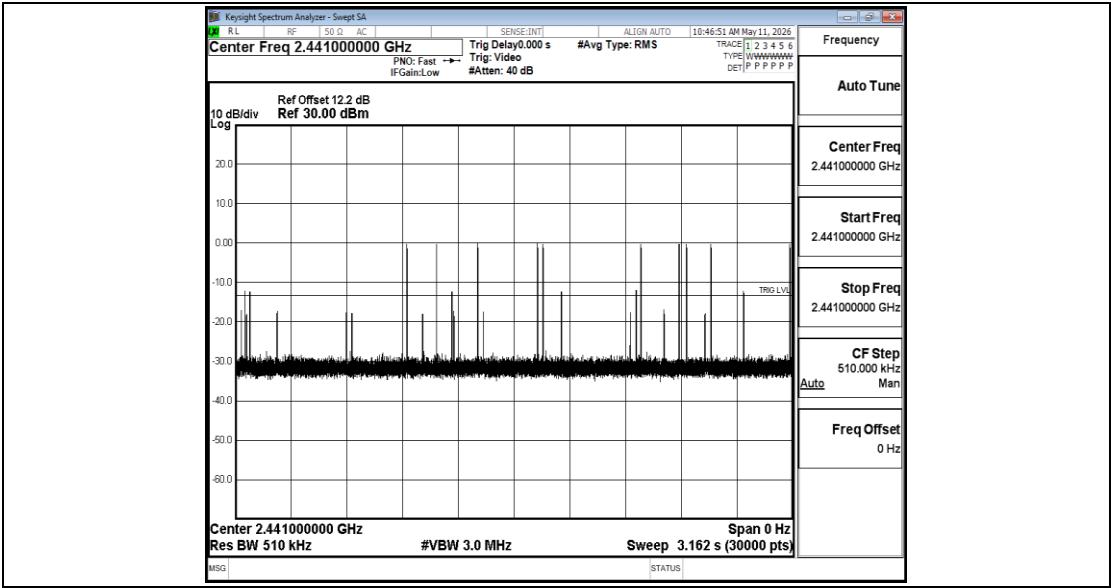
Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.878	70	0.201	≤0.4	PASS
2DH5	Ant1	Hop	2.884	130	0.375	≤0.4	PASS
3DH5	Ant1	Hop	2.887	110	0.318	≤0.4	PASS

Test Graphs





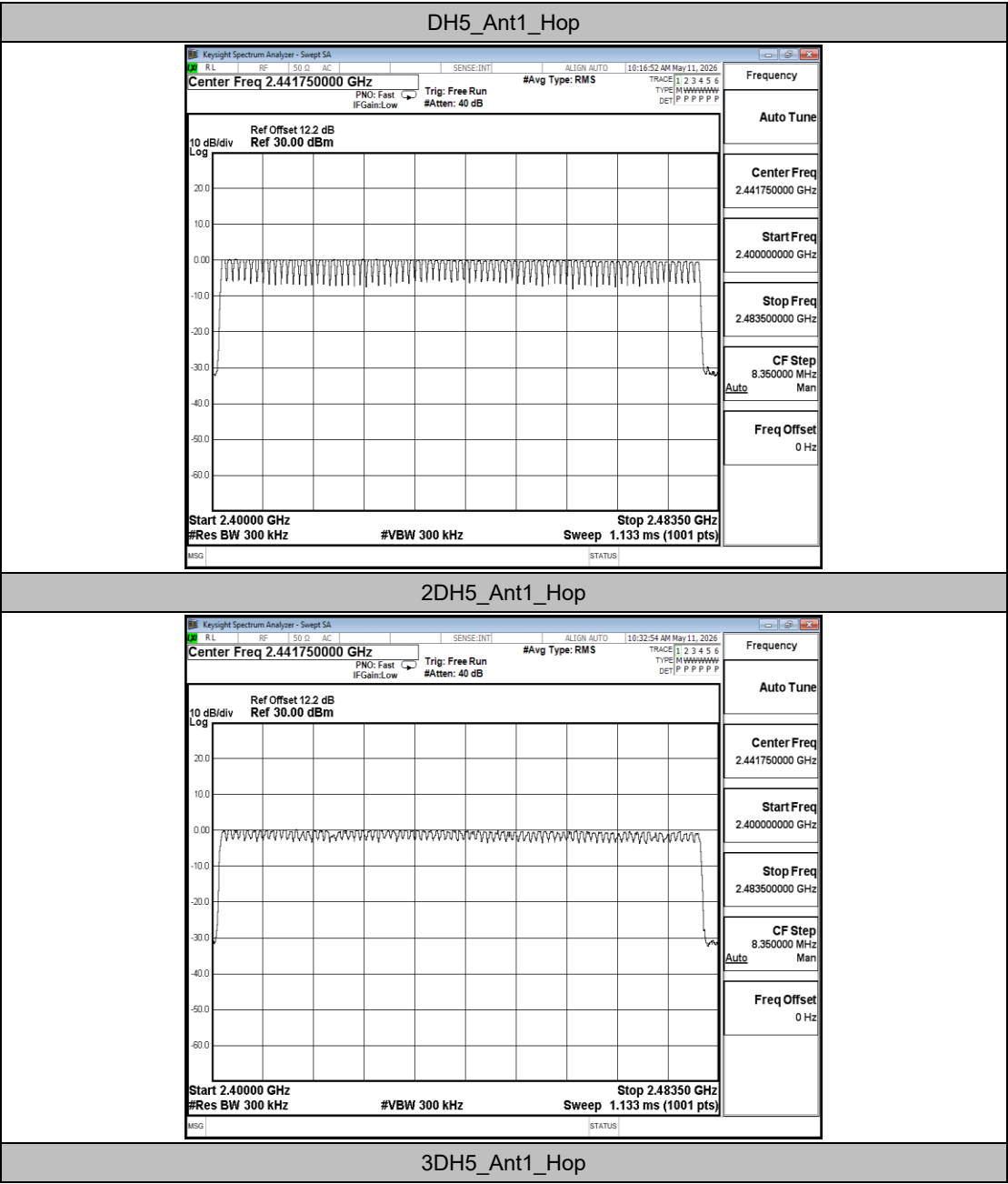


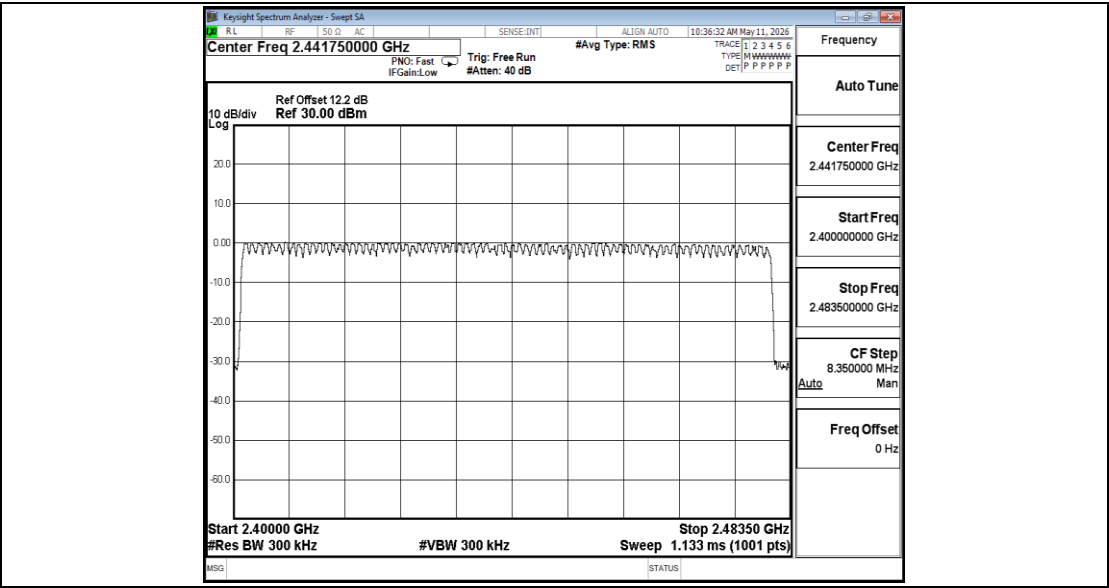
A.5 Number of hopping channels

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



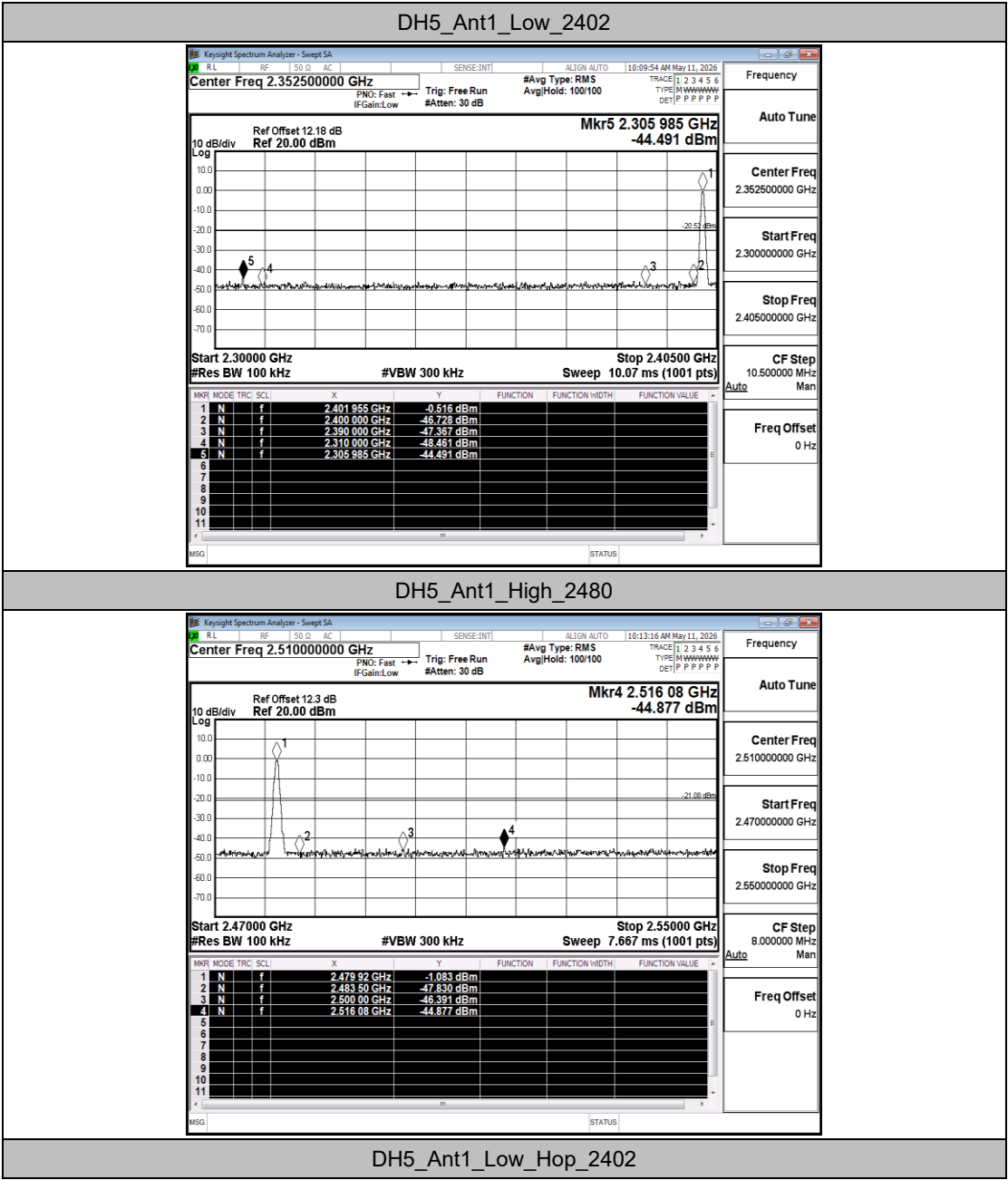


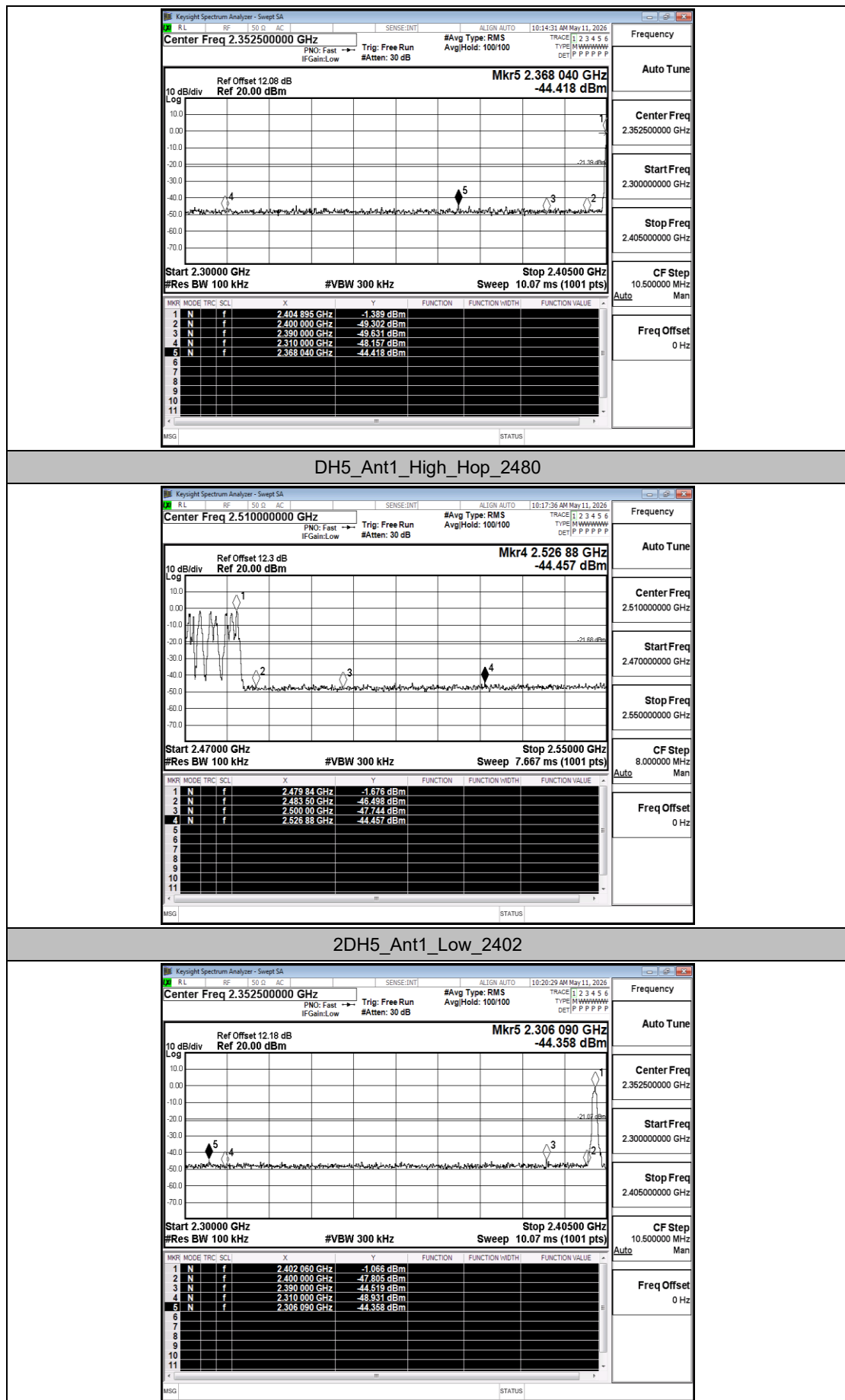
A.6 Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.52	-44.49	≤ -20.52	PASS
		High	2480	-1.08	-44.88	≤ -21.08	PASS
		Low	Hop_2402	-1.39	-44.42	≤ -21.39	PASS
		High	Hop_2480	-1.68	-44.46	≤ -21.68	PASS
2DH5	Ant1	Low	2402	-1.07	-44.36	≤ -21.07	PASS
		High	2480	-0.97	-44.29	≤ -20.97	PASS
		Low	Hop_2402	-5.78	-45.95	≤ -25.78	PASS
		High	Hop_2480	-1.28	-44.06	≤ -21.28	PASS
3DH5	Ant1	Low	2402	-0.84	-44.67	≤ -20.84	PASS
		High	2480	-1.14	-45.13	≤ -21.14	PASS
		Low	Hop_2402	-4.08	-45.55	≤ -24.08	PASS
		High	Hop_2480	-4.81	-42.02	≤ -24.81	PASS

Test Graphs

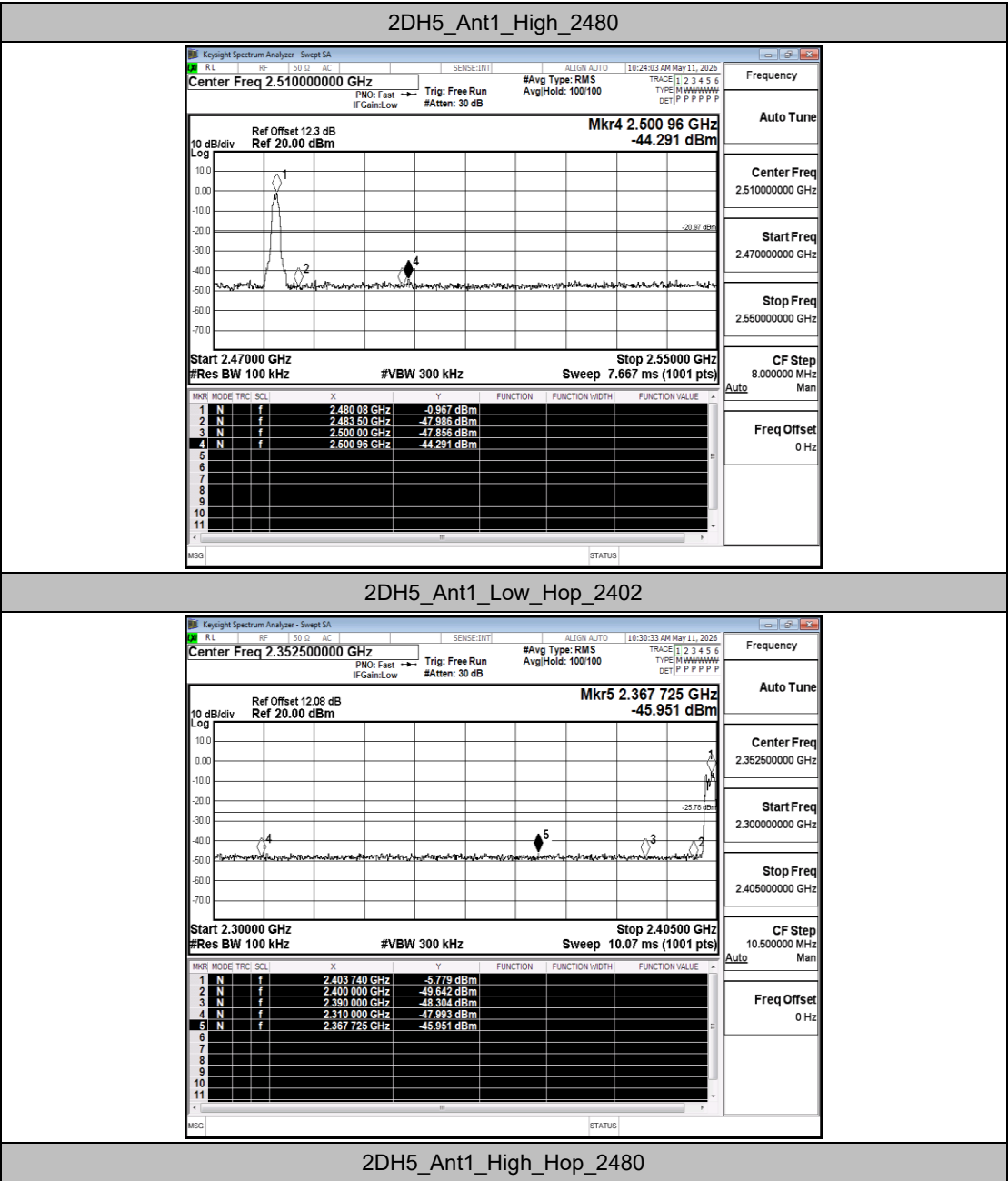


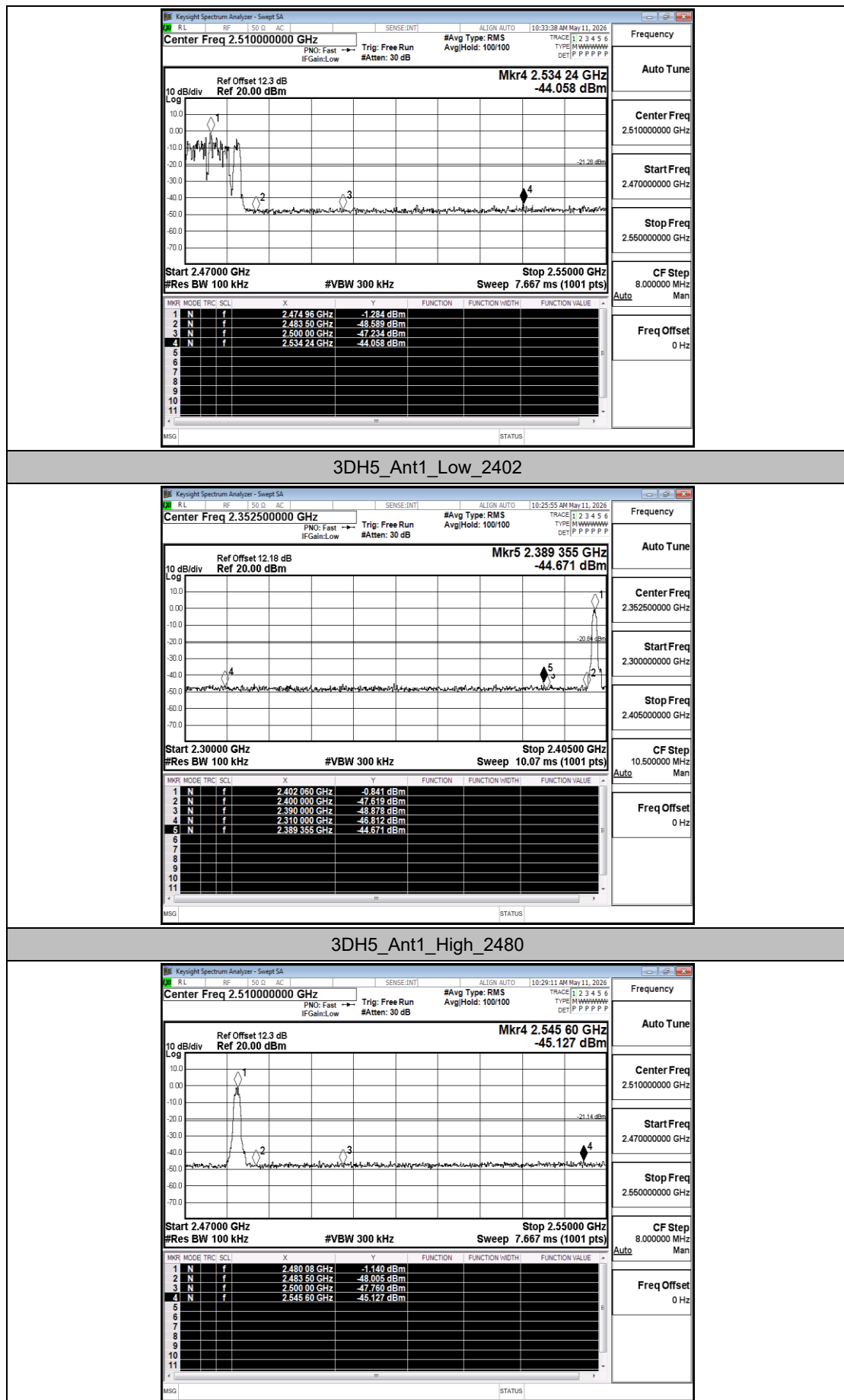


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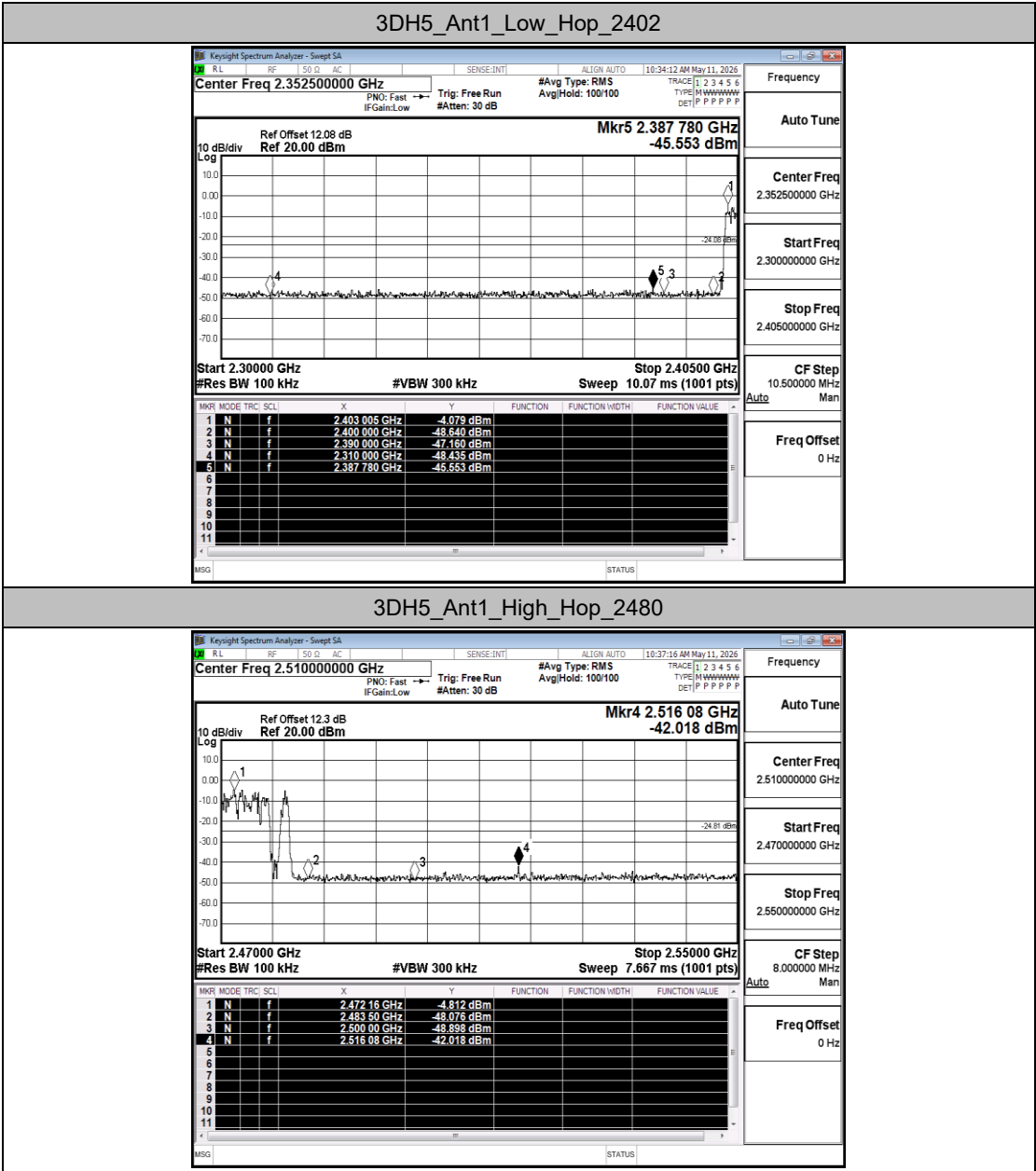




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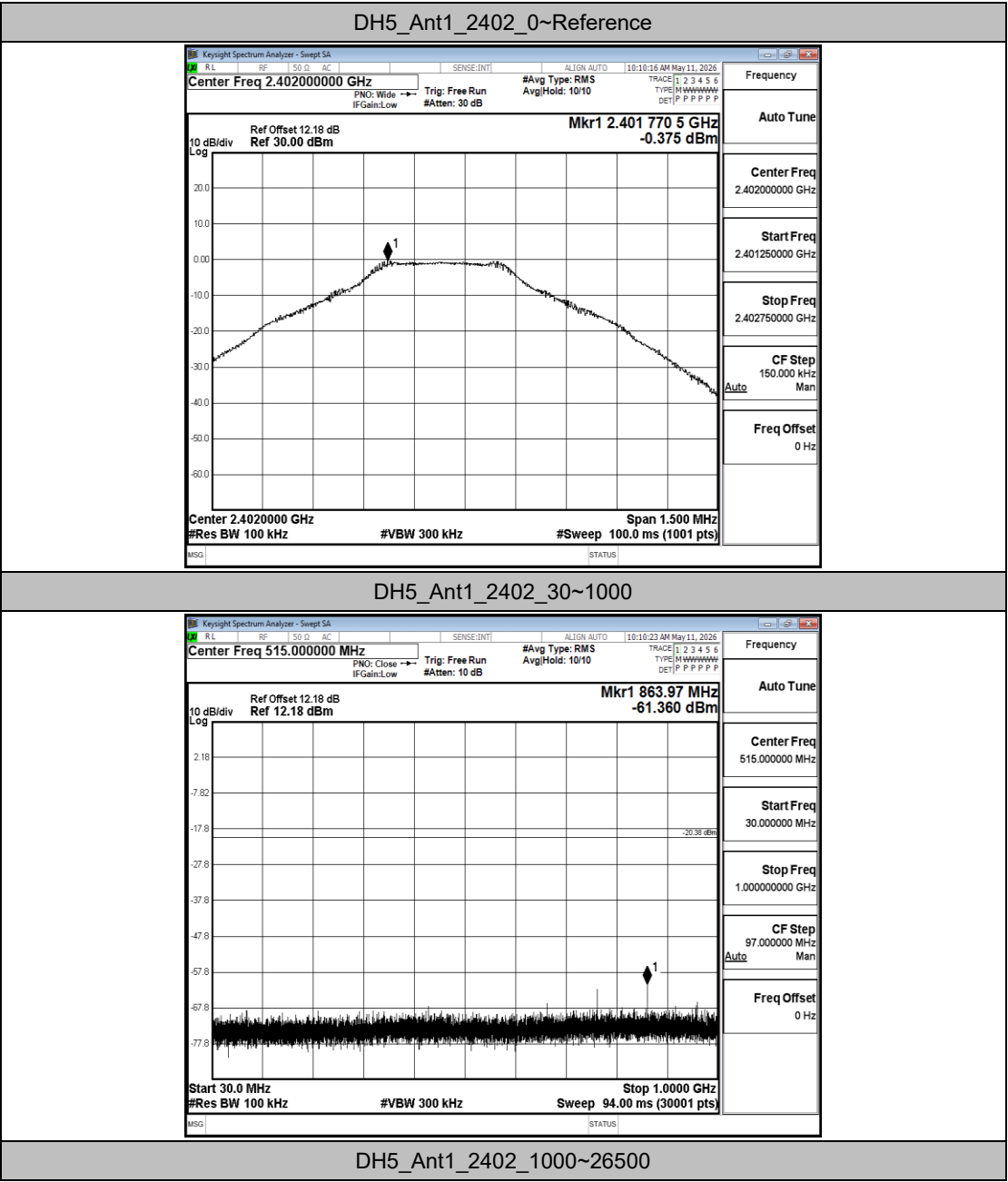


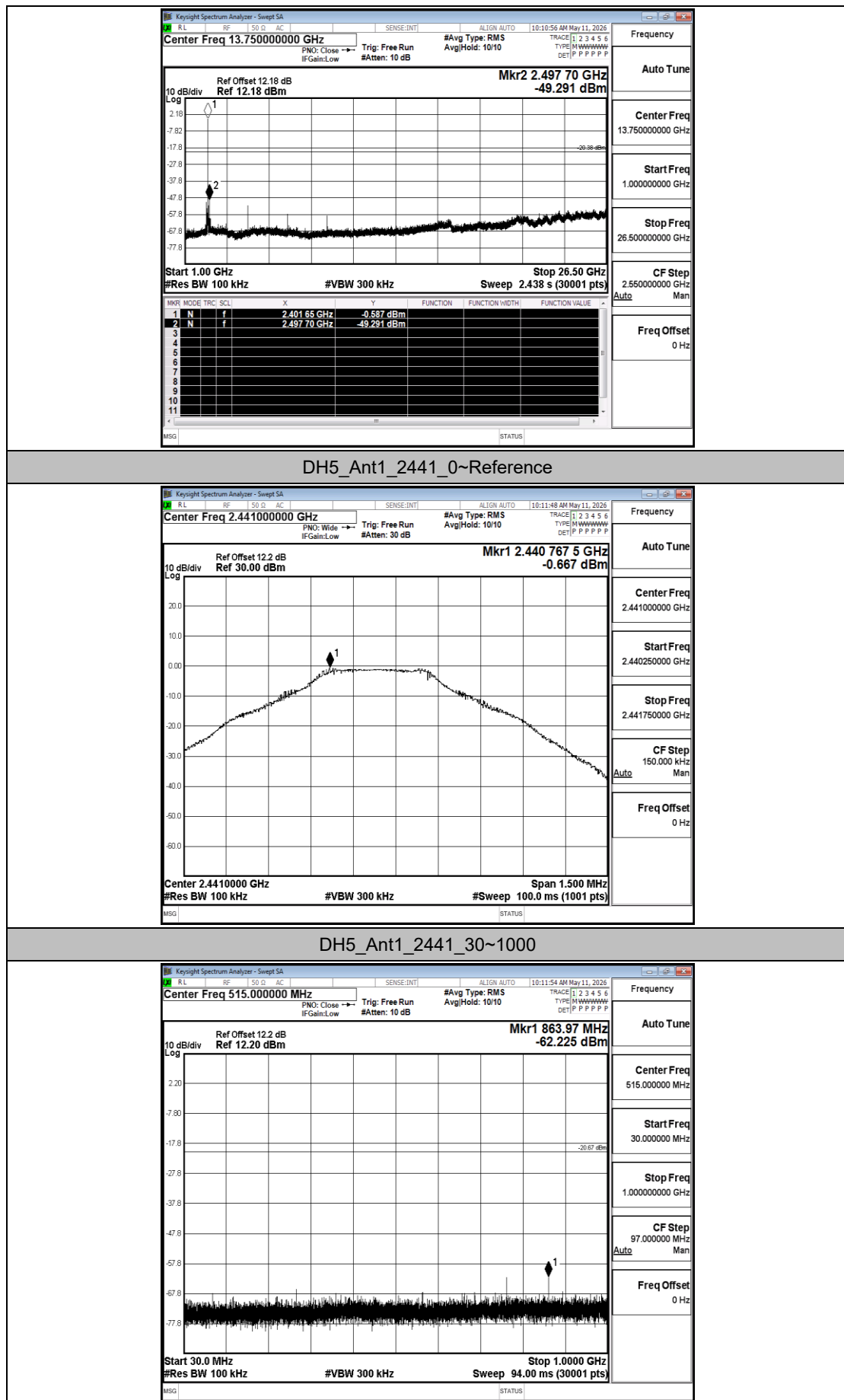
A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.38	-0.38	---	PASS
			30~1000	-0.38	-61.36	≤-20.38	PASS
			1000~26500	-0.38	-49.29	≤-20.38	PASS
		2441	Reference	-0.67	-0.67	---	PASS
			30~1000	-0.67	-62.23	≤-20.67	PASS
			1000~26500	-0.67	-48.97	≤-20.67	PASS
		2480	Reference	-0.93	-0.93	---	PASS
			30~1000	-0.93	-53.28	≤-20.93	PASS
			1000~26500	-0.93	-48.41	≤-20.93	PASS
2DH5	Ant1	2402	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-61.76	≤-20.34	PASS
			1000~26500	-0.34	-48.77	≤-20.34	PASS
		2441	Reference	-0.61	-0.61	---	PASS
			30~1000	-0.61	-63.28	≤-20.61	PASS
			1000~26500	-0.61	-50.24	≤-20.61	PASS
		2480	Reference	-0.97	-0.97	---	PASS
			30~1000	-0.97	-61.84	≤-20.97	PASS
			1000~26500	-0.97	-49.83	≤-20.97	PASS
3DH5	Ant1	2402	Reference	-0.28	-0.28	---	PASS
			30~1000	-0.28	-54.36	≤-20.28	PASS
			1000~26500	-0.28	-51.73	≤-20.28	PASS
		2441	Reference	-0.58	-0.58	---	PASS
			30~1000	-0.58	-62.09	≤-20.58	PASS
			1000~26500	-0.58	-50.75	≤-20.58	PASS
		2480	Reference	-0.90	-0.90	---	PASS
			30~1000	-0.90	-62.06	≤-20.9	PASS
			1000~26500	-0.90	-51.78	≤-20.9	PASS

Test Graphs





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