

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: ACRYLIC TURNTABLE

Test Model: C400A-CLR

Environmental Conditions

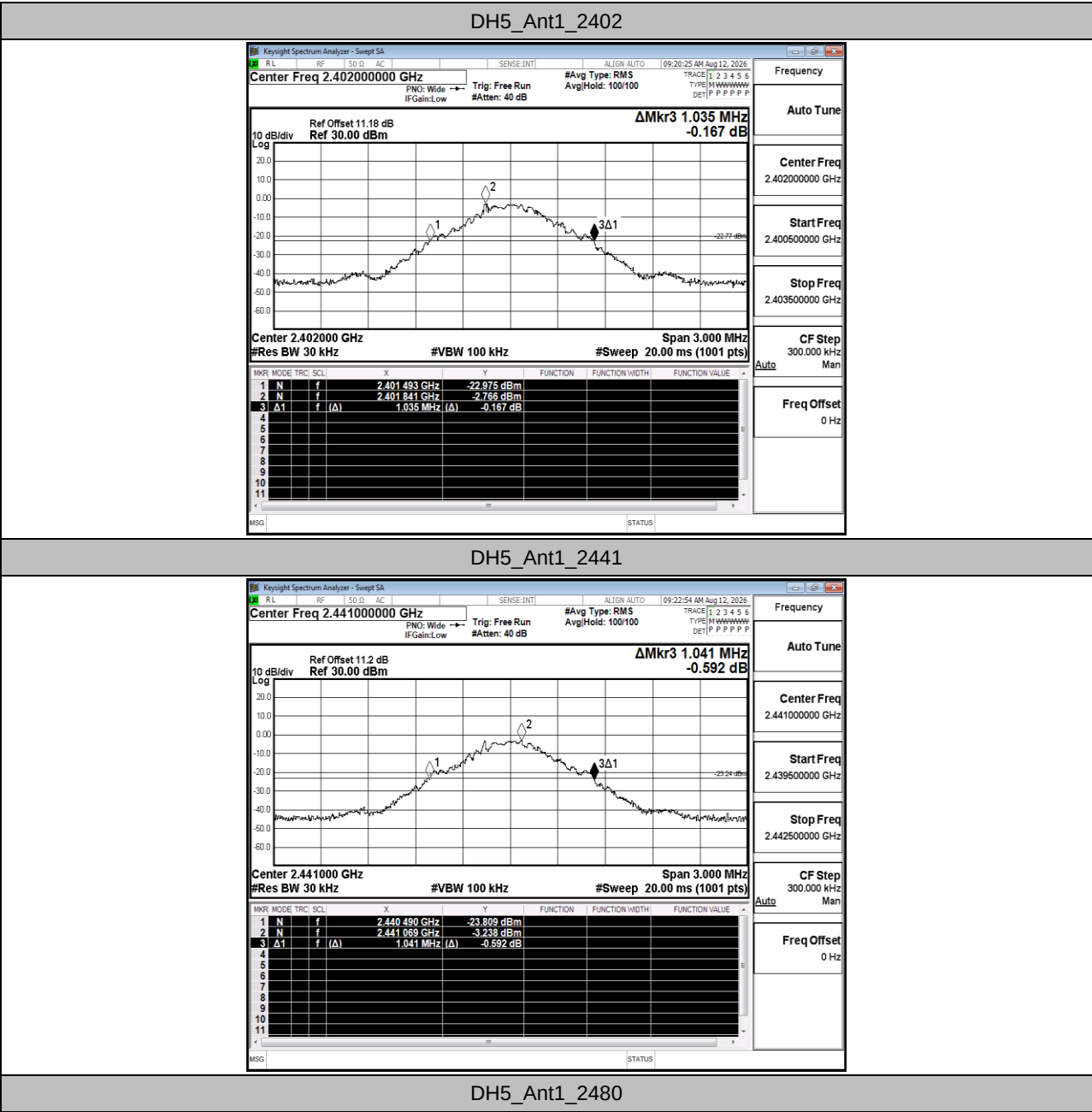
Temperature:	24.6°C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhao xing hai
Supervised by:	Fengliu Tang

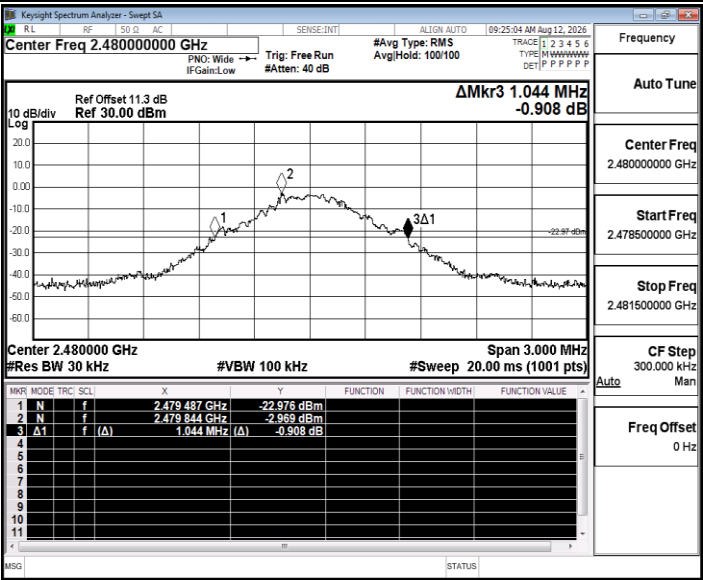
A.1 20dB Emission Bandwidth

Test Result

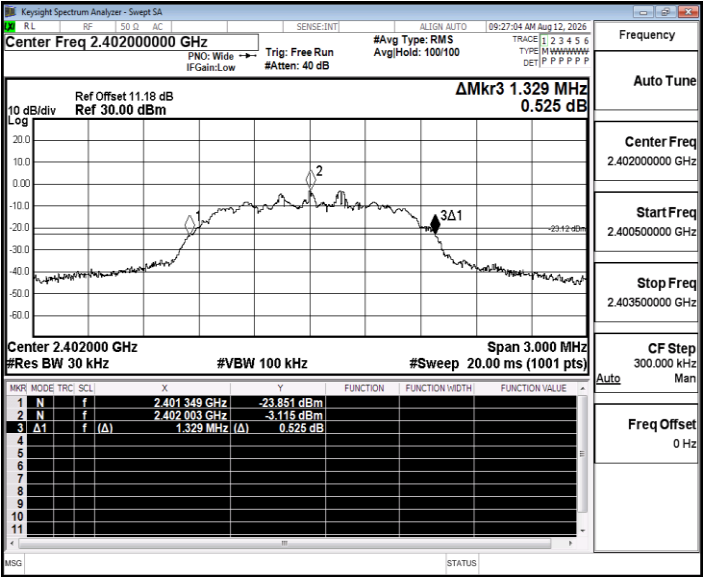
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.035	2401.493	2402.528	---	---
		2441	1.041	2440.490	2441.531	---	---
		2480	1.044	2479.487	2480.531	---	---
2DH5	Ant1	2402	1.329	2401.349	2402.678	---	---
		2441	1.335	2440.343	2441.678	---	---
		2480	1.344	2479.343	2480.687	---	---
3DH5	Ant1	2402	1.296	2401.364	2402.660	---	---
		2441	1.293	2440.364	2441.657	---	---
		2480	1.293	2479.358	2480.651	---	---

Test Graphs

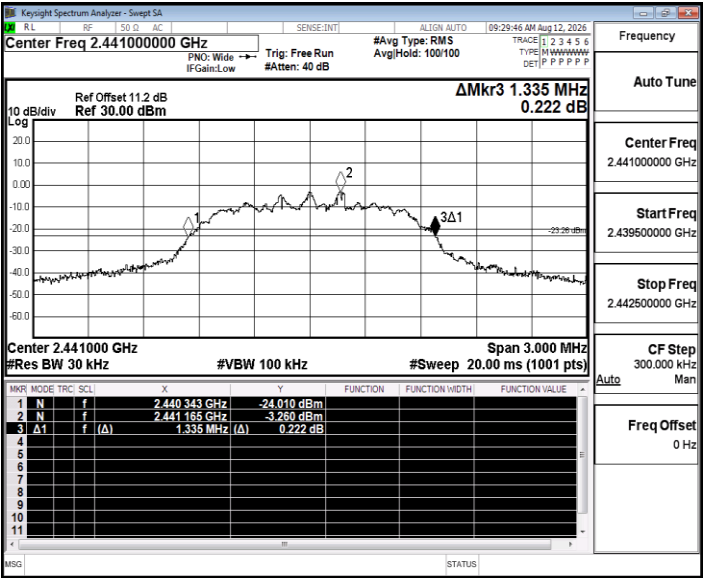




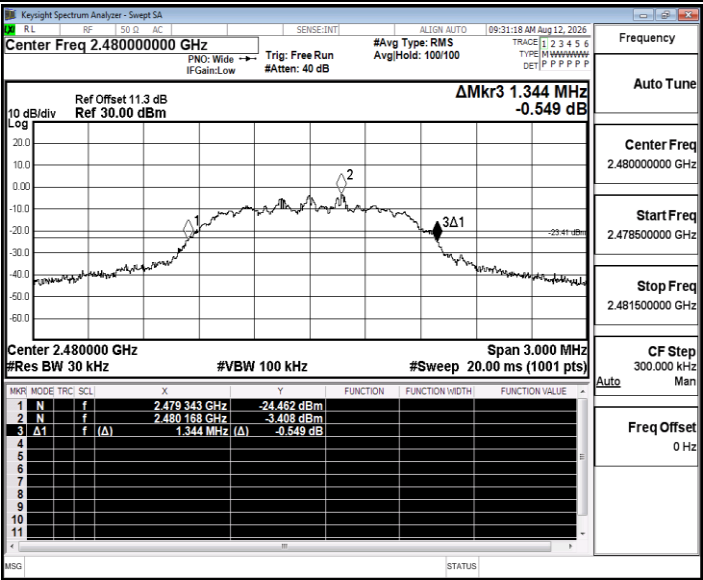
2DH5_Ant1_2402



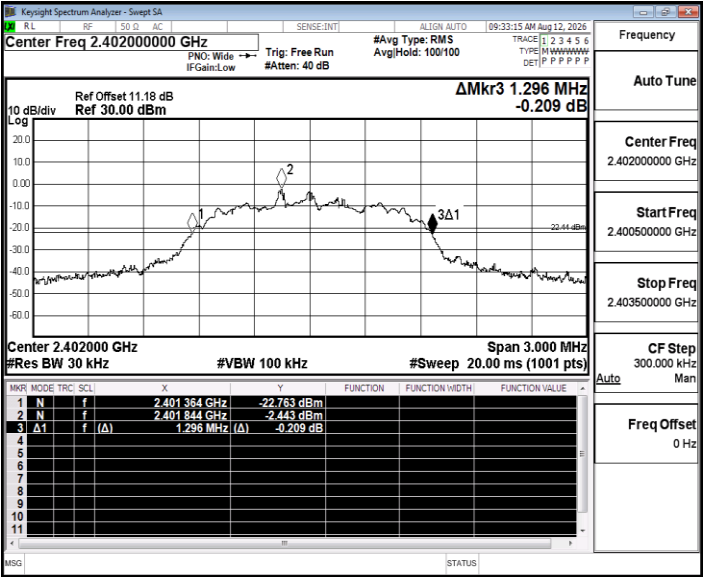
2DH5_Ant1_2441



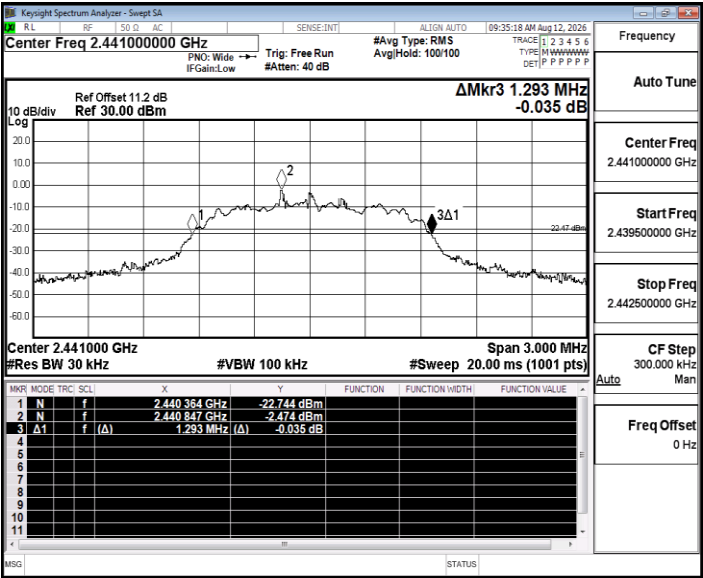
2DH5_Ant1_2480



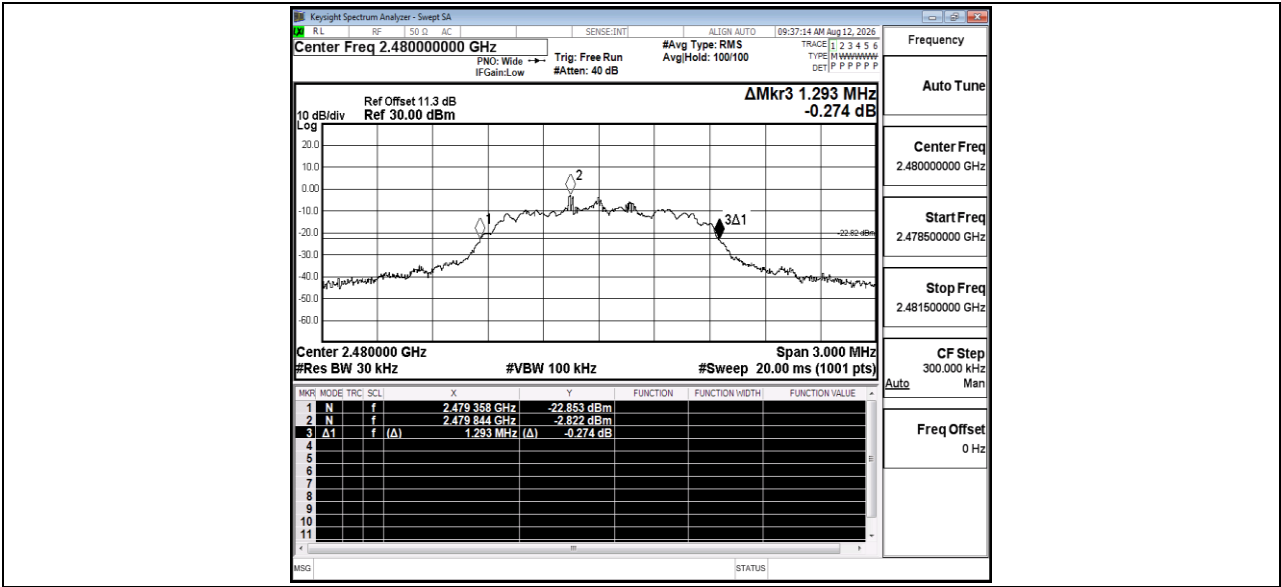
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

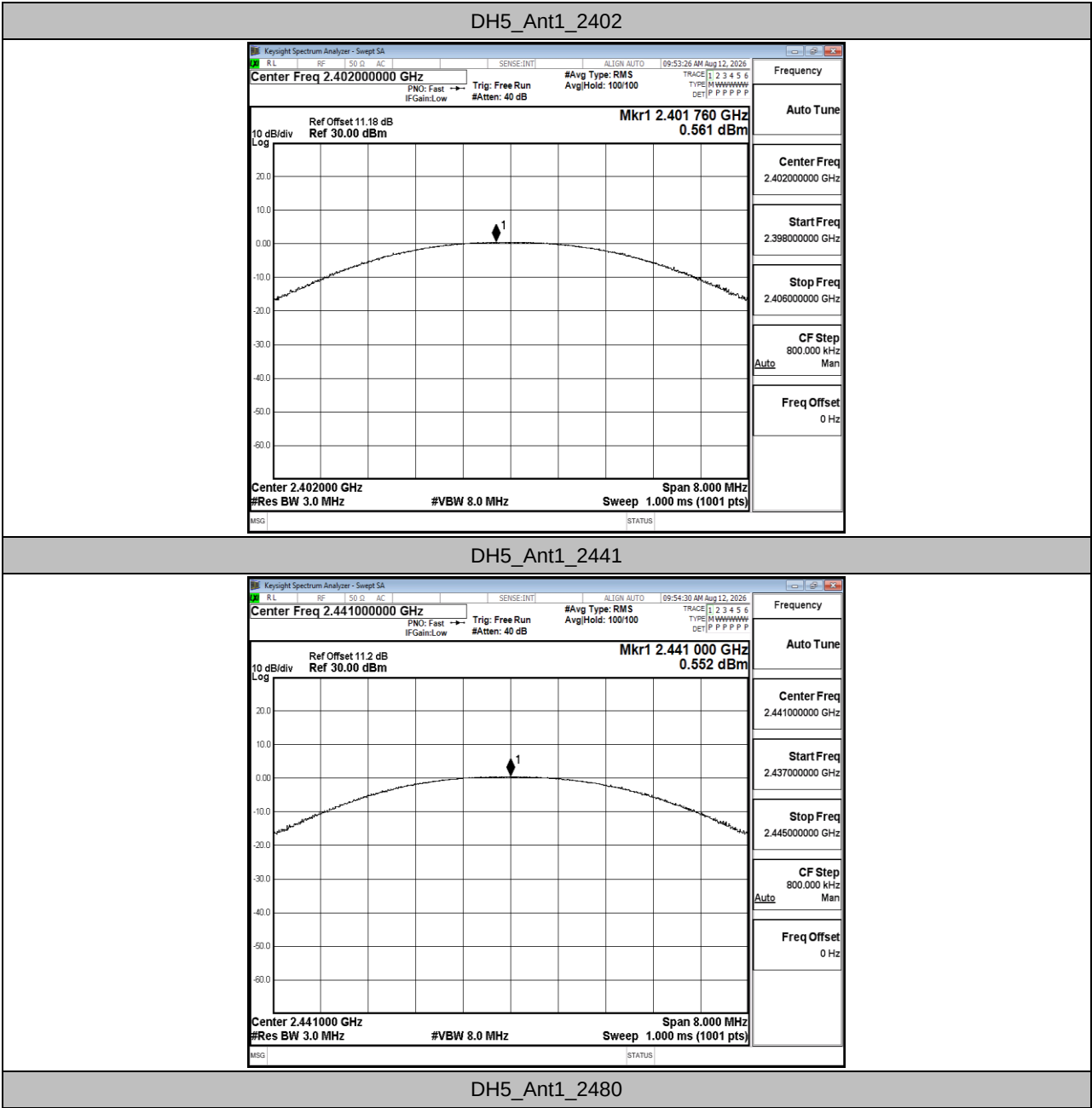


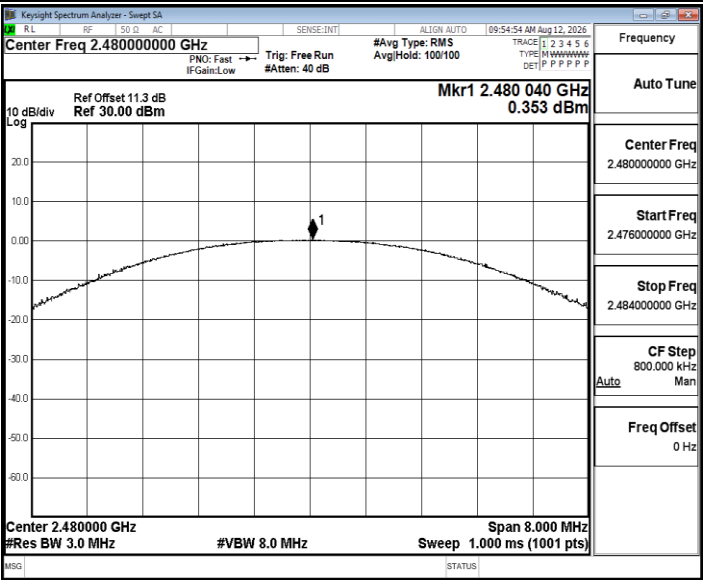
A.2 Maximum Peak conducted output power

Test Result Peak

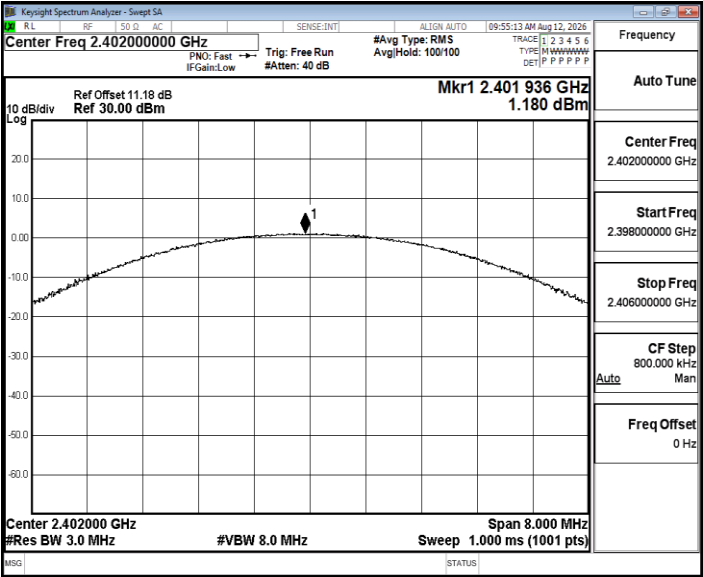
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.56	≤20.97	PASS
		2441	0.55	≤20.97	PASS
		2480	0.35	≤20.97	PASS
2DH5	Ant1	2402	1.18	≤20.97	PASS
		2441	1.04	≤20.97	PASS
		2480	0.88	≤20.97	PASS
3DH5	Ant1	2402	1.65	≤20.97	PASS
		2441	1.47	≤20.97	PASS
		2480	1.33	≤20.97	PASS

Test Graphs

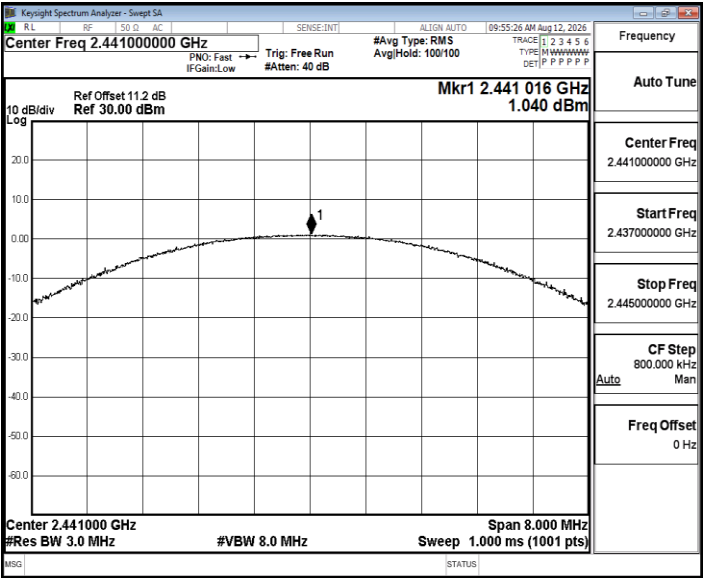




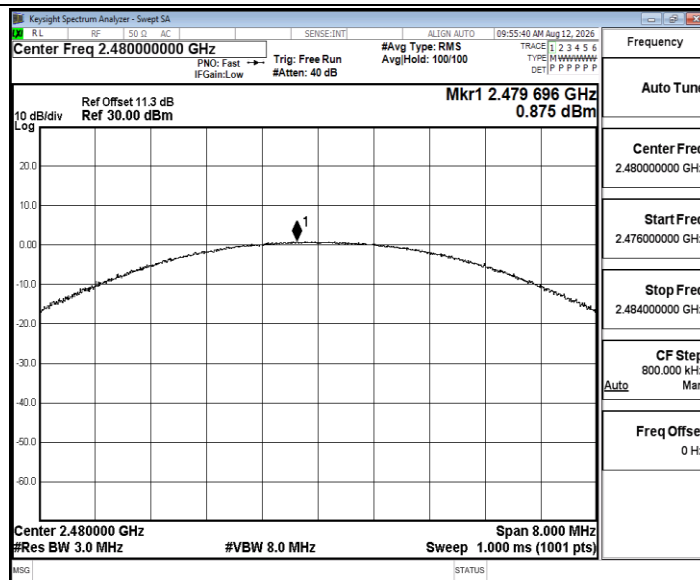
2DH5_Ant1_2402



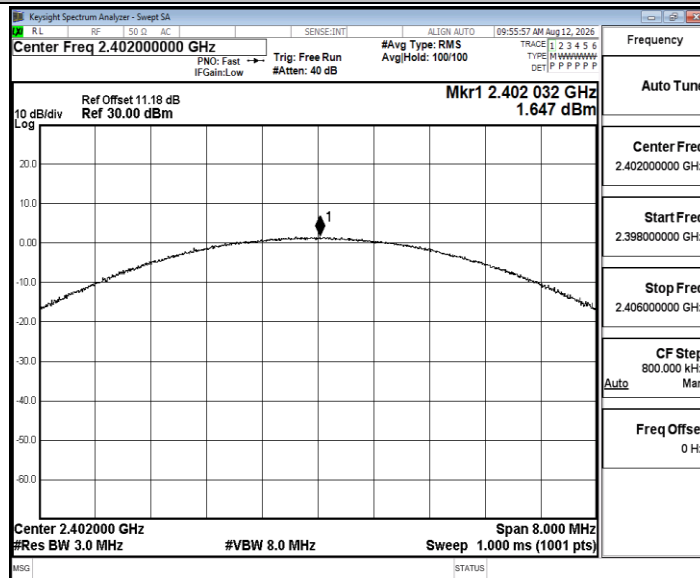
2DH5_Ant1_2441



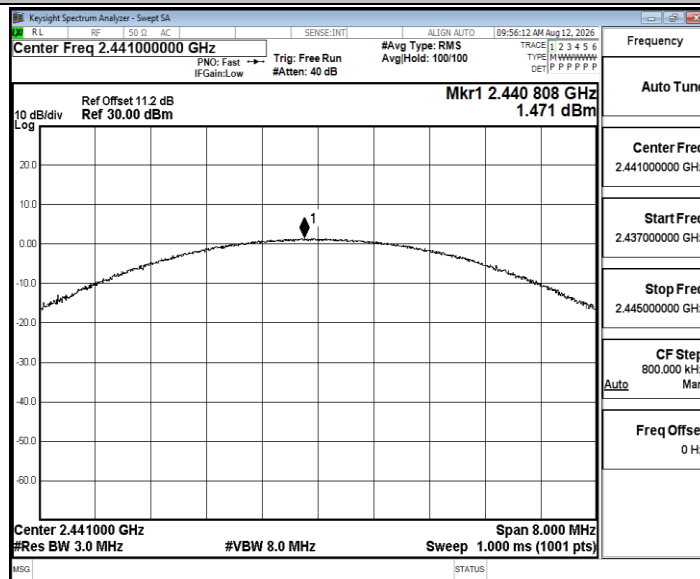
2DH5_Ant1_2480



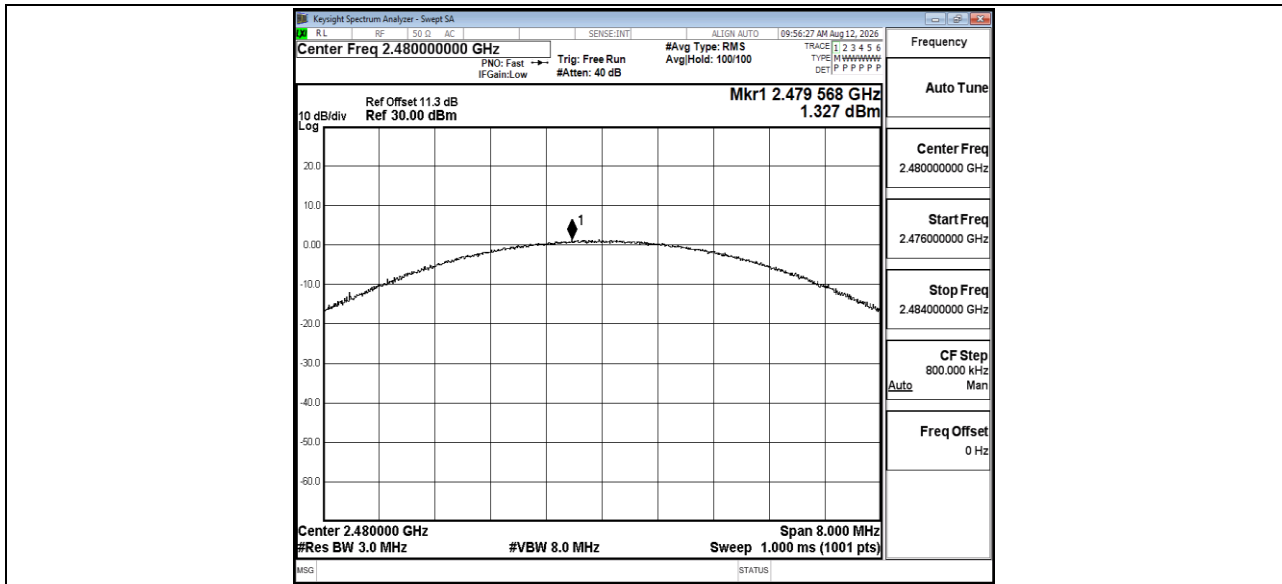
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

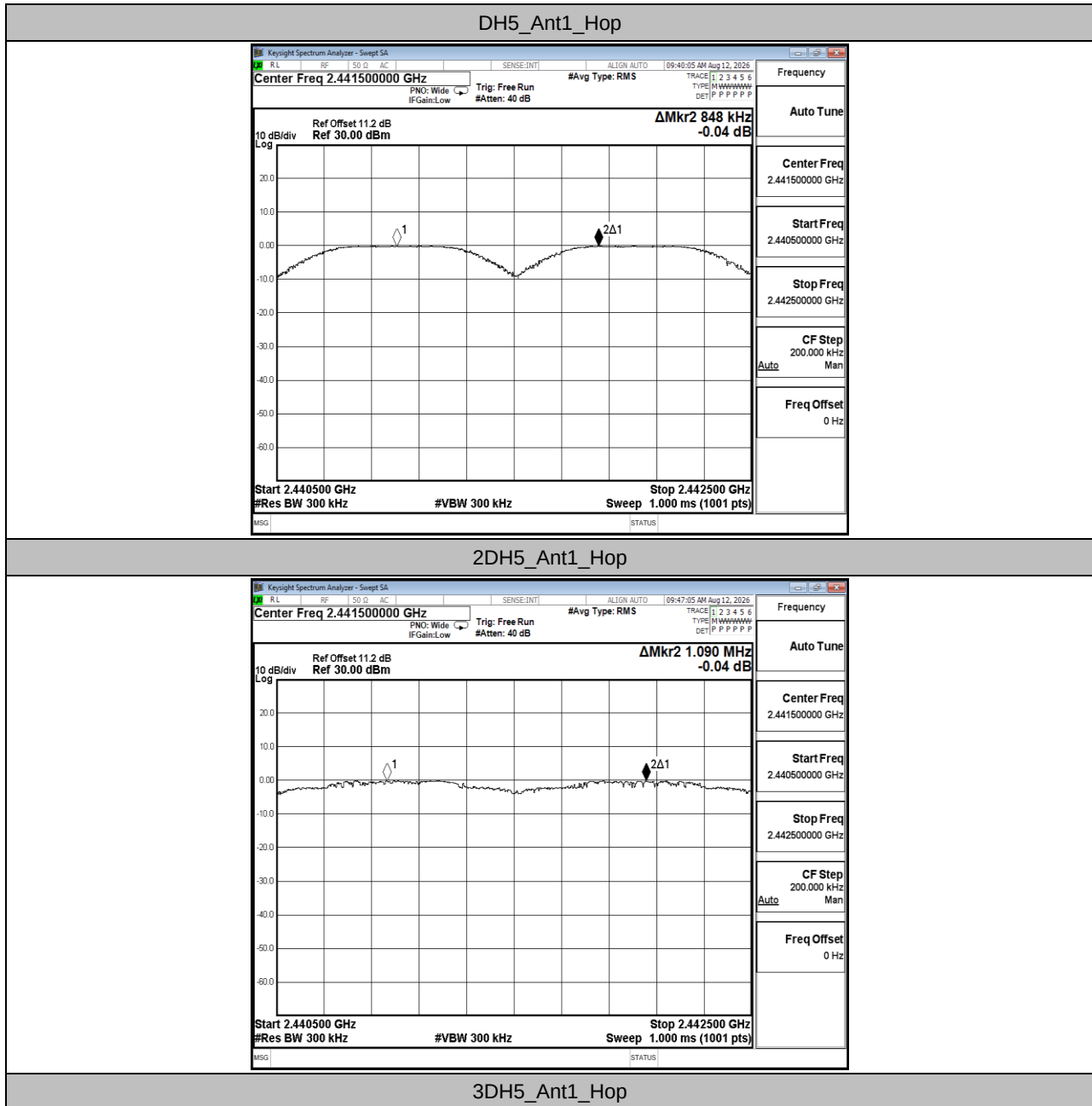


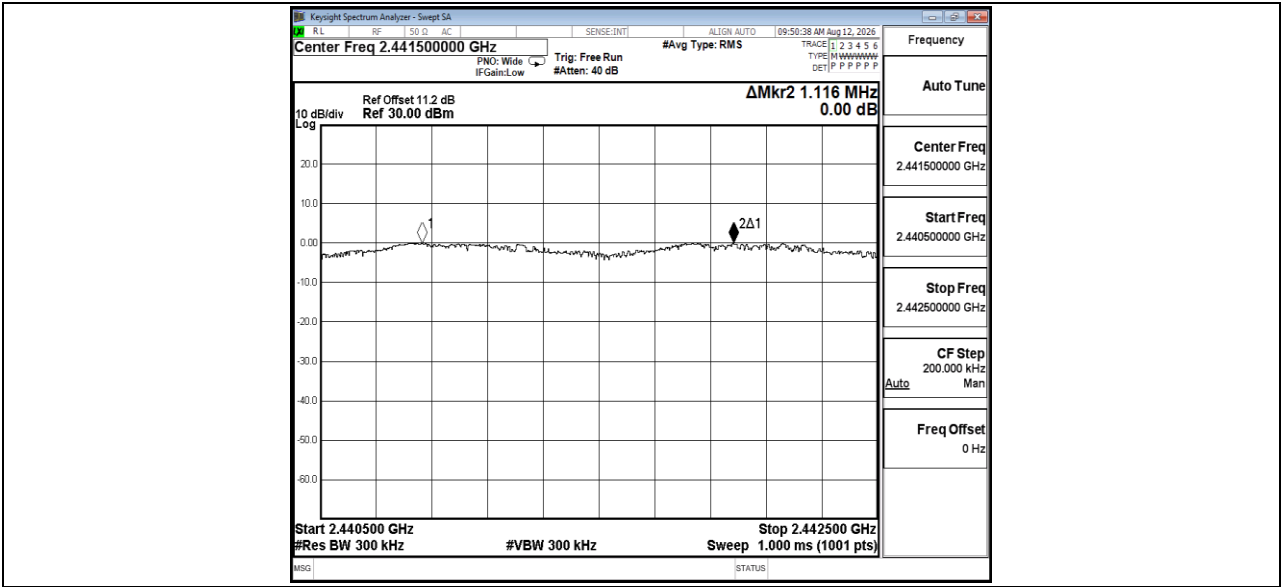
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.848	≥ 0.696	PASS
2DH5	Ant1	Hop	1.09	≥ 0.896	PASS
3DH5	Ant1	Hop	1.116	≥ 0.864	PASS

Test Graphs



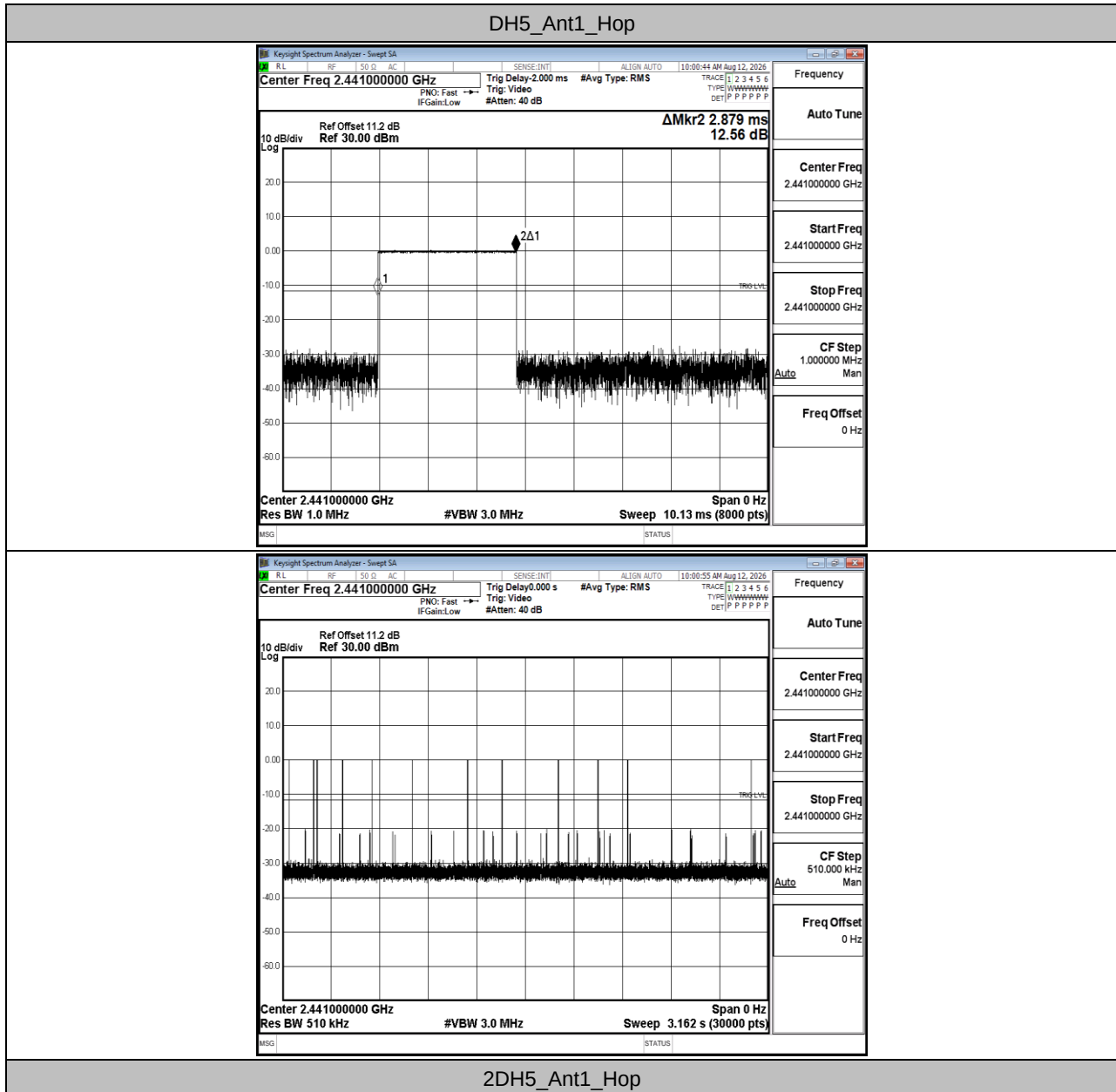


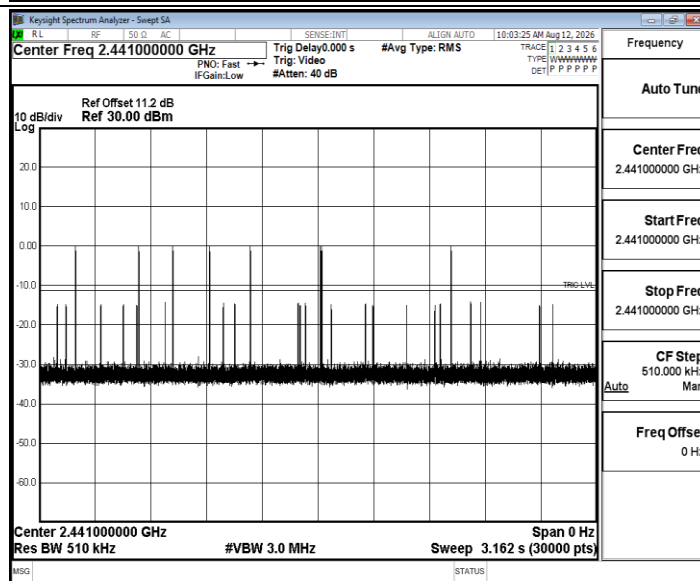
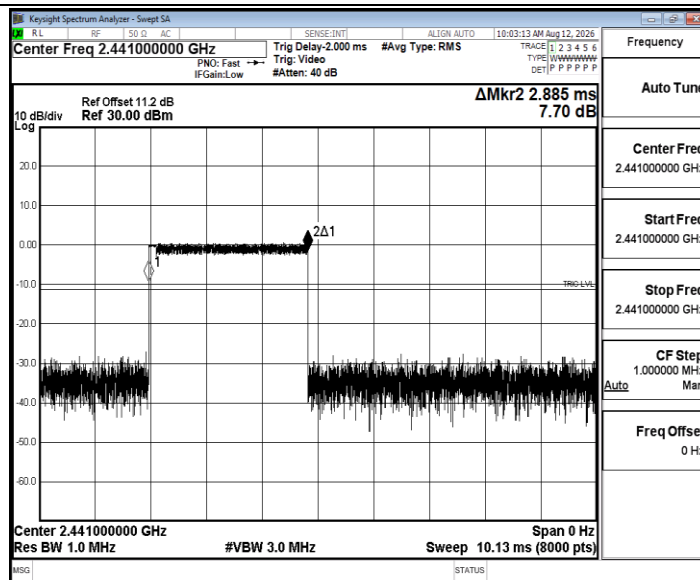
A.4 Time of occupancy

Test Result

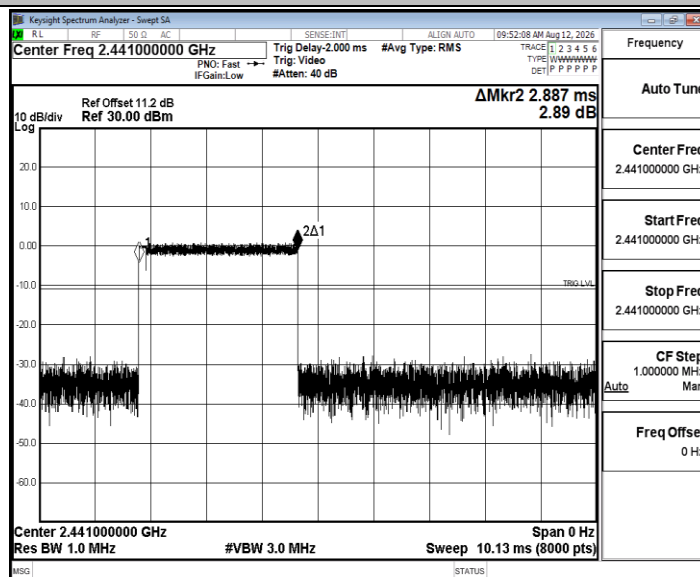
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.879	130	0.374	≤0.4	PASS
2DH5	Ant1	Hop	2.885	90	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.887	130	0.375	≤0.4	PASS

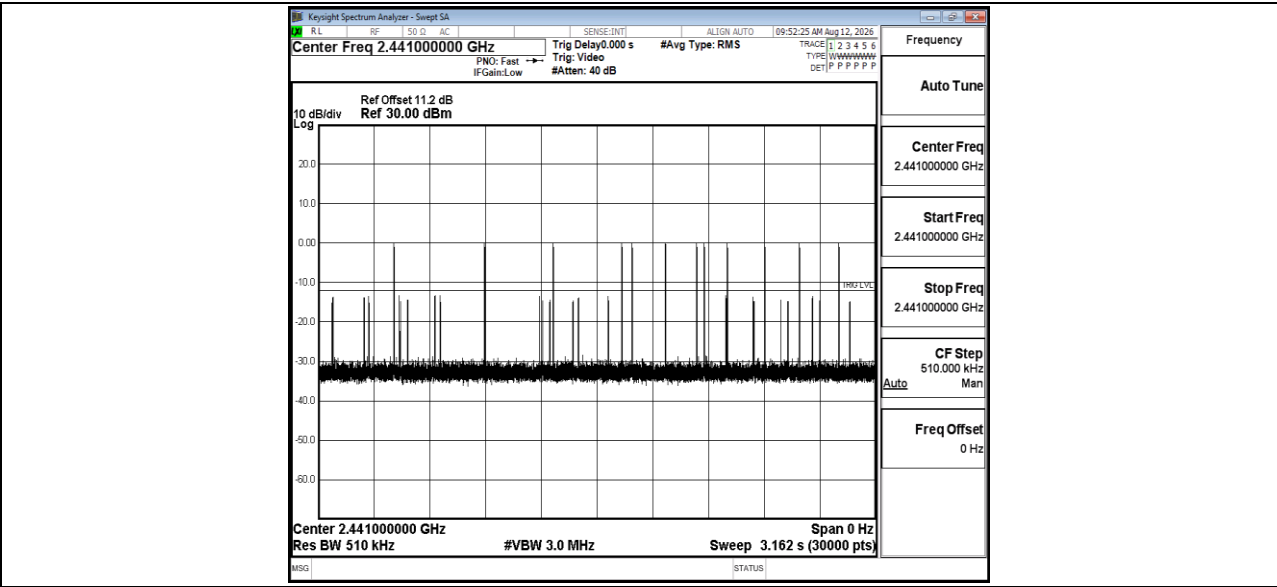
Test Graphs





3DH5_Ant1_Hop





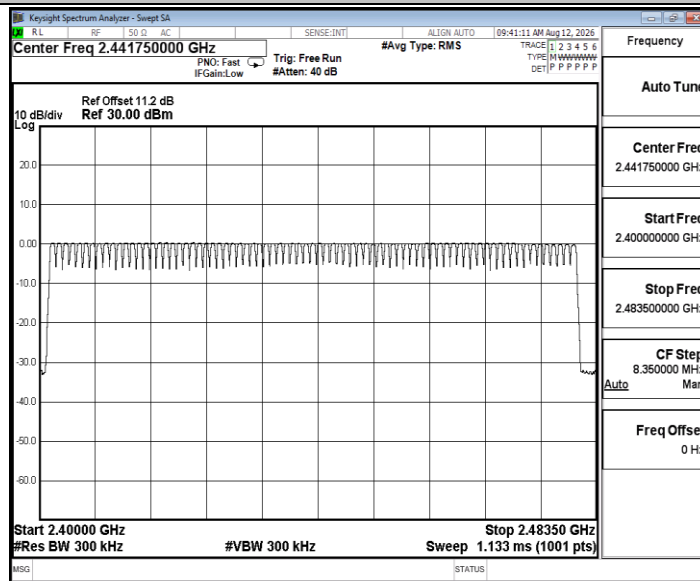
A.5 Number of hopping channels

Test Result

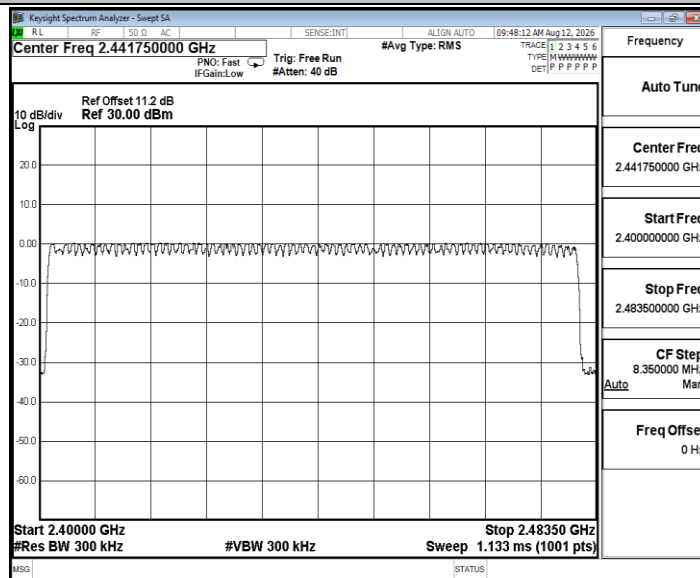
TestMode	Antenna	Freq(MHz)	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

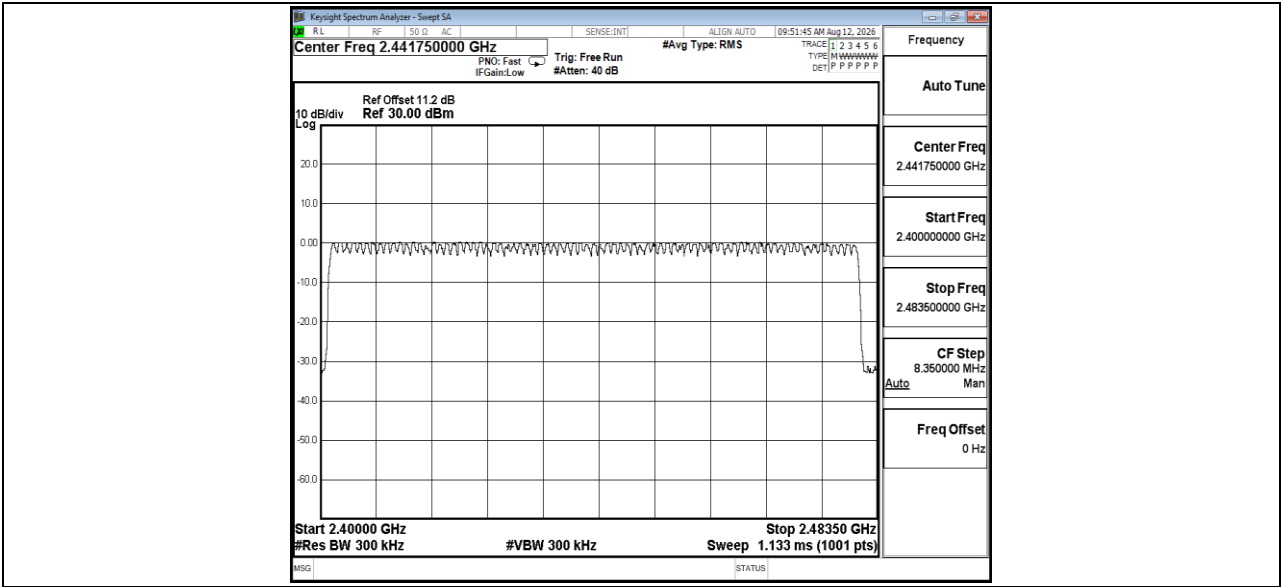
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

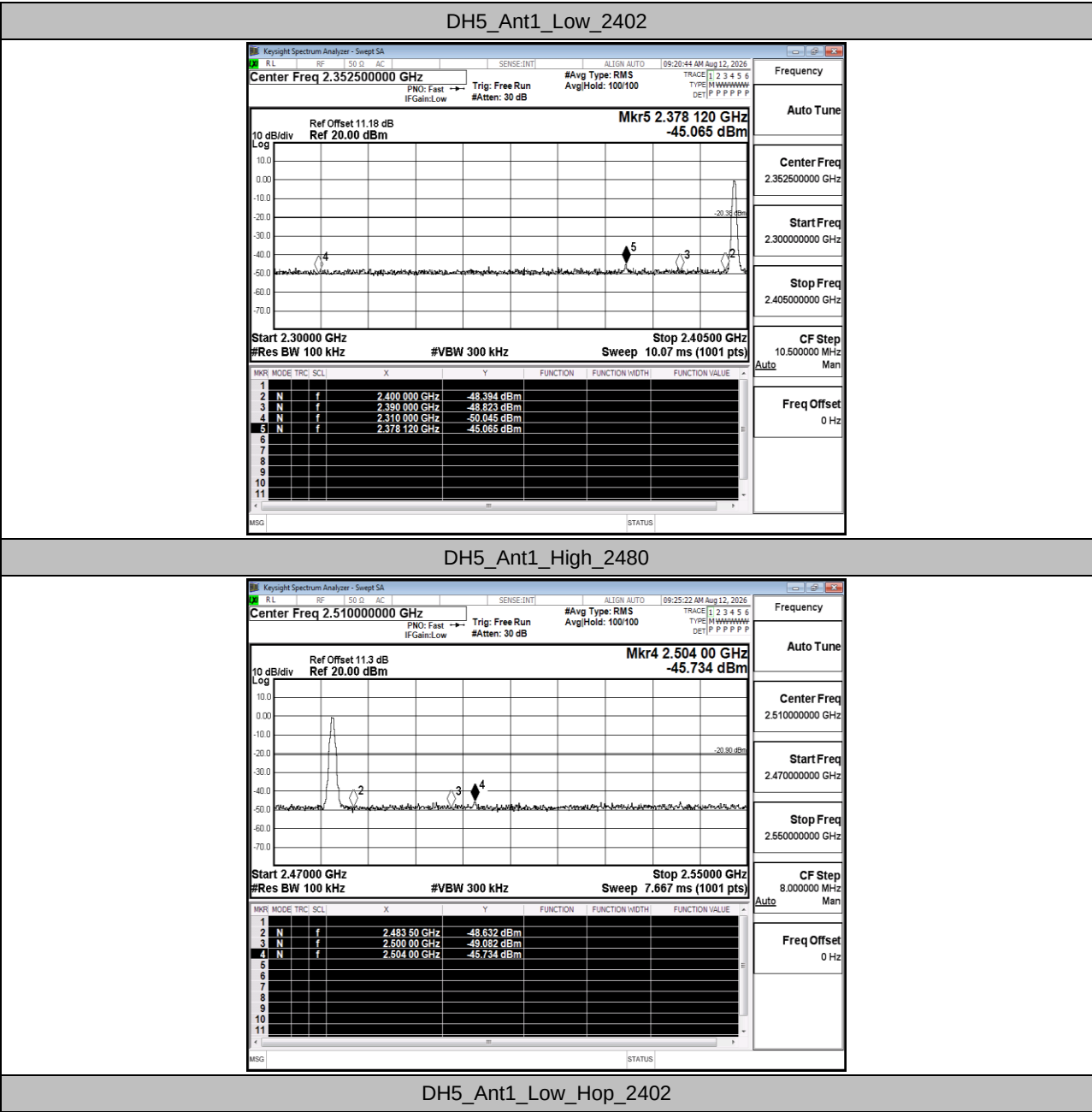


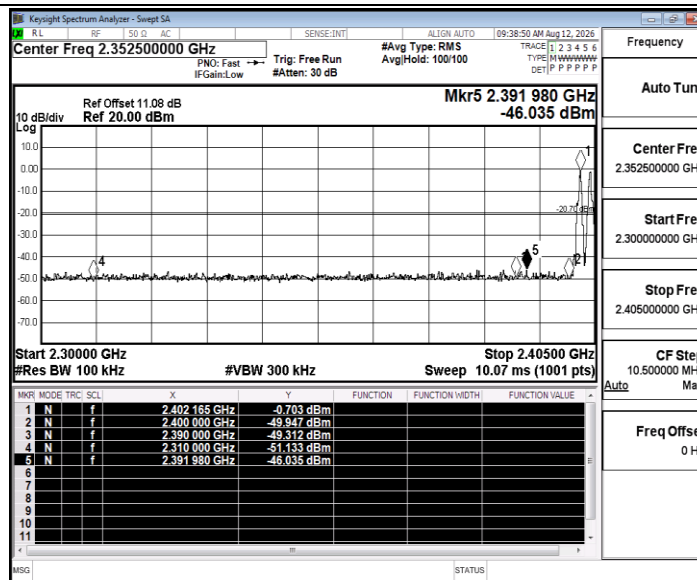
A.6 Band edge measurements

Test Result

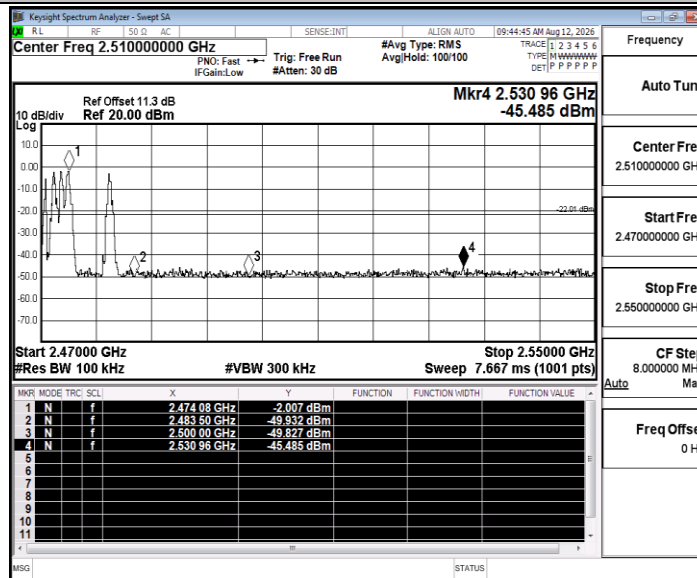
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.38	-45.07	≤ -20.38	PASS
		High	2480	-0.90	-45.73	≤ -20.9	PASS
		Low	Hop_2402	-0.70	-46.04	≤ -20.7	PASS
		High	Hop_2480	-2.01	-45.49	≤ -22.01	PASS
2DH5	Ant1	Low	2402	-1.60	-45.59	≤ -21.6	PASS
		High	2480	-0.88	-45.17	≤ -20.88	PASS
		Low	Hop_2402	-3.88	-44.53	≤ -23.88	PASS
		High	Hop_2480	-2.35	-46.01	≤ -22.35	PASS
3DH5	Ant1	Low	2402	-2.56	-45.24	≤ -22.56	PASS
		High	2480	-0.97	-45.39	≤ -20.97	PASS
		Low	Hop_2402	-4.60	-46.47	≤ -24.6	PASS
		High	Hop_2480	-3.71	-45.64	≤ -23.71	PASS

Test Graphs

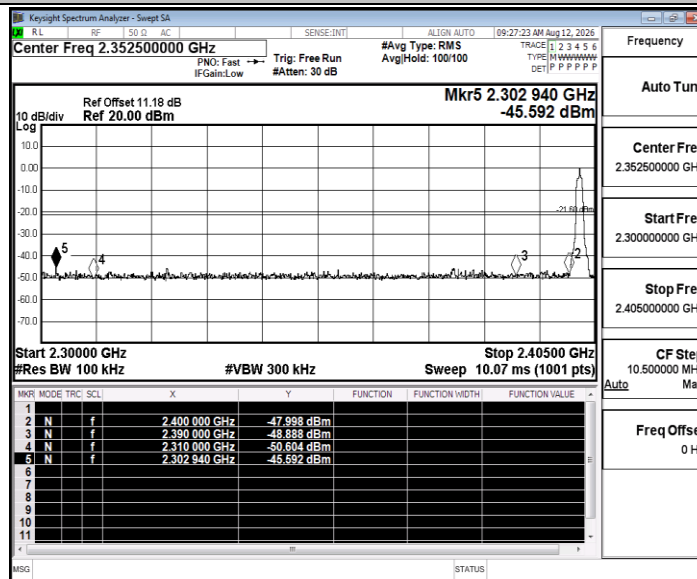




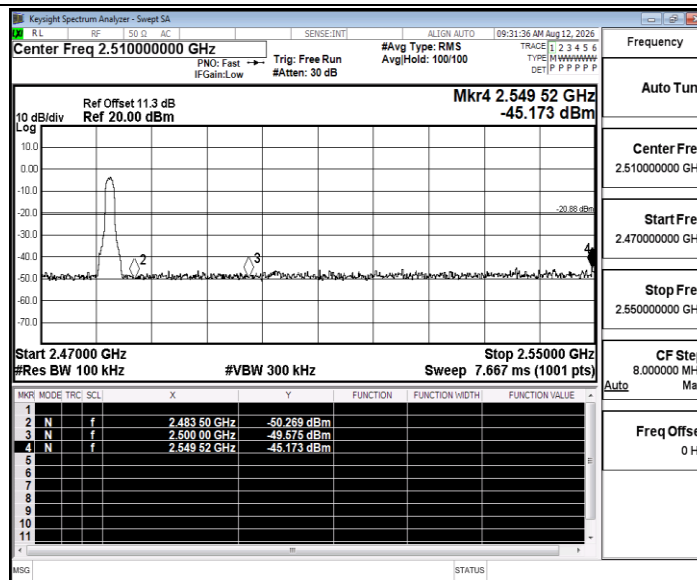
DH5_Ant1_High_Hop_2480



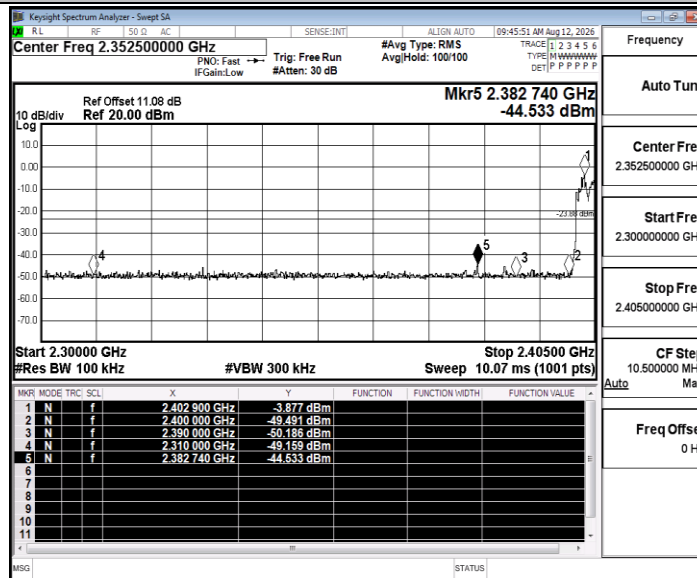
2DH5_Ant1_Low_2402



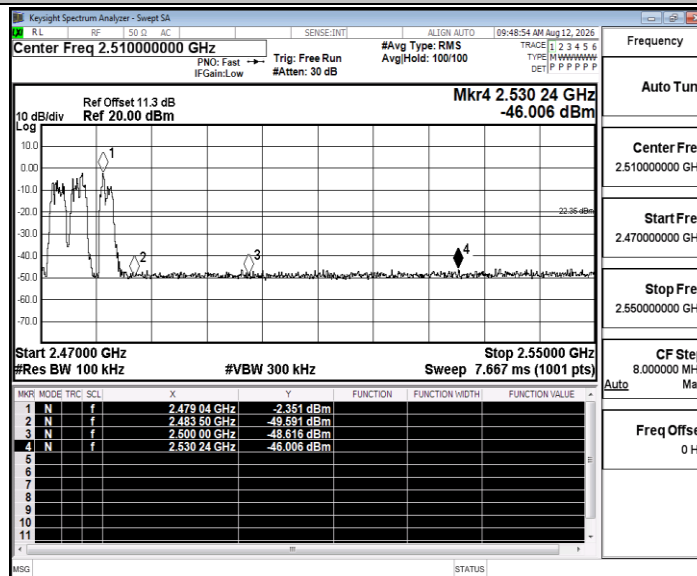
2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480

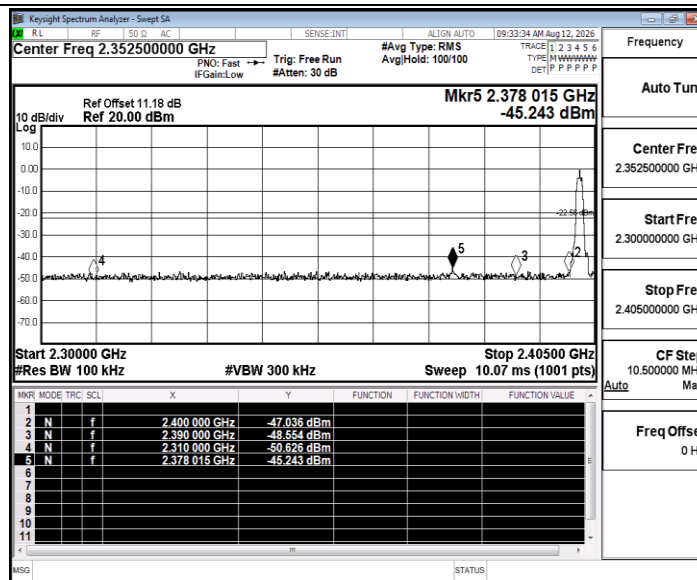


3DH5_Ant1_Low_2402

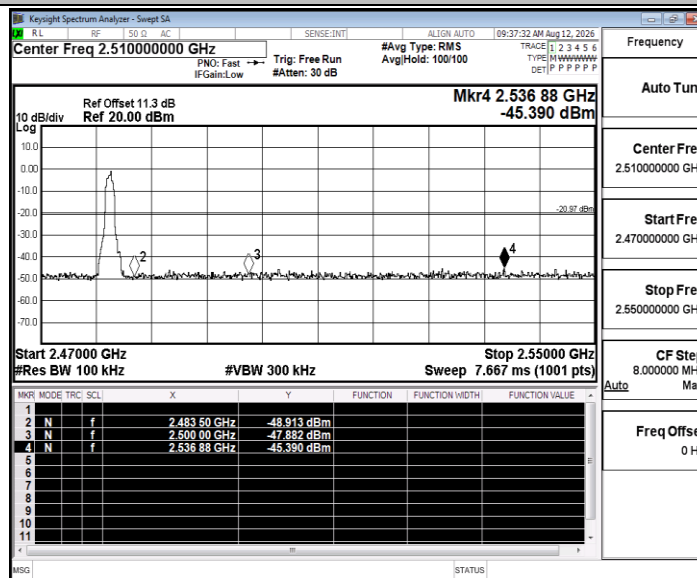
Guangzhou LCS Compliance Testing Laboratory Ltd.

Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

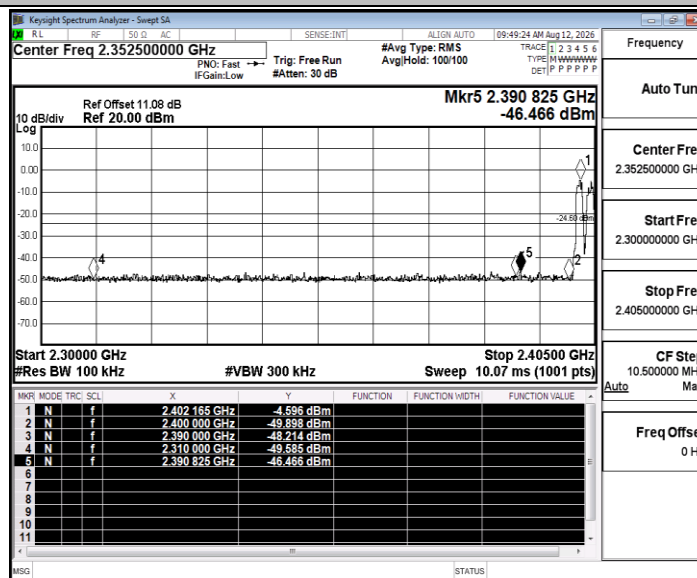
Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402

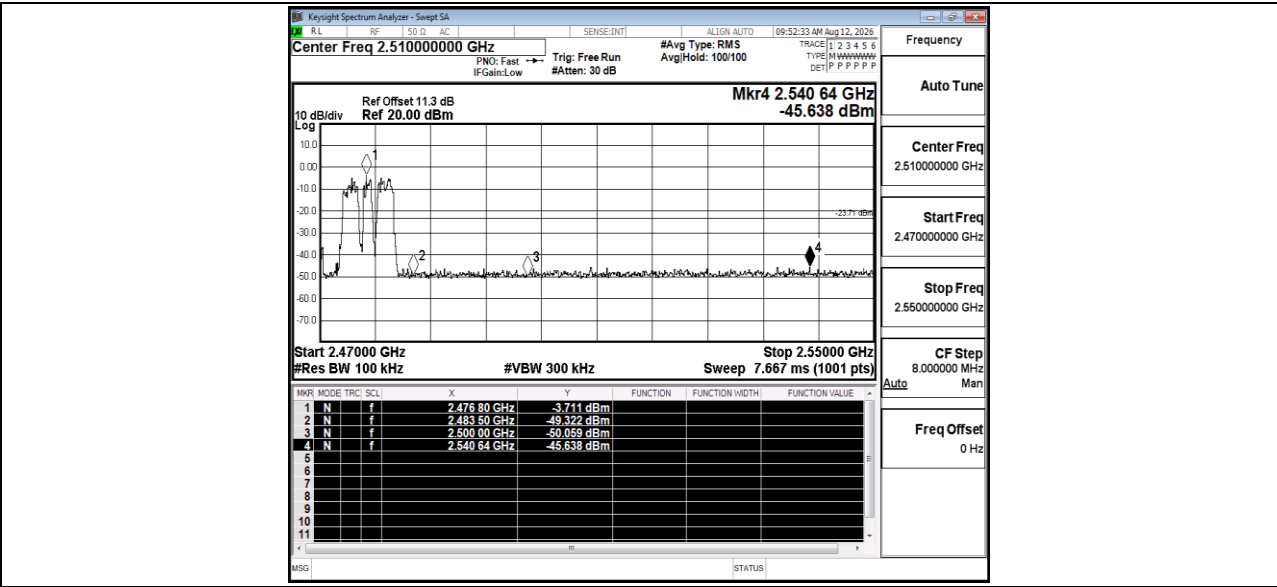


3DH5_Ant1_High_Hop_2480

Guangzhou LCS Compliance Testing Laboratory Ltd.

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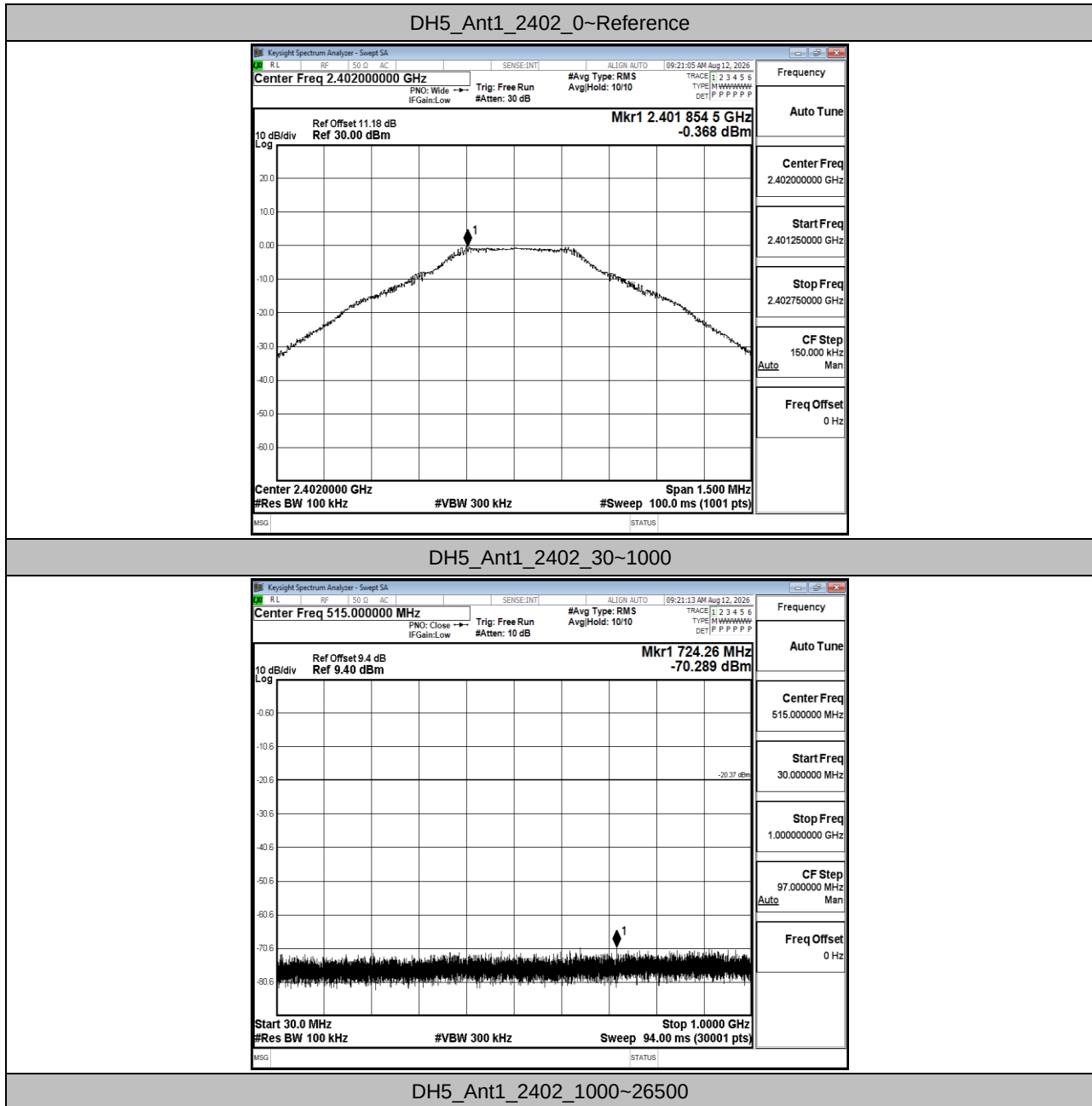


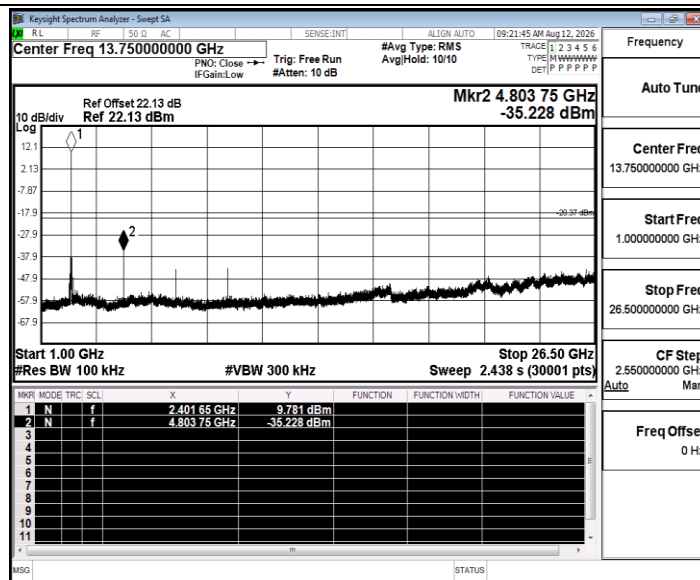
A.7 Conducted Spurious Emission

Test Result

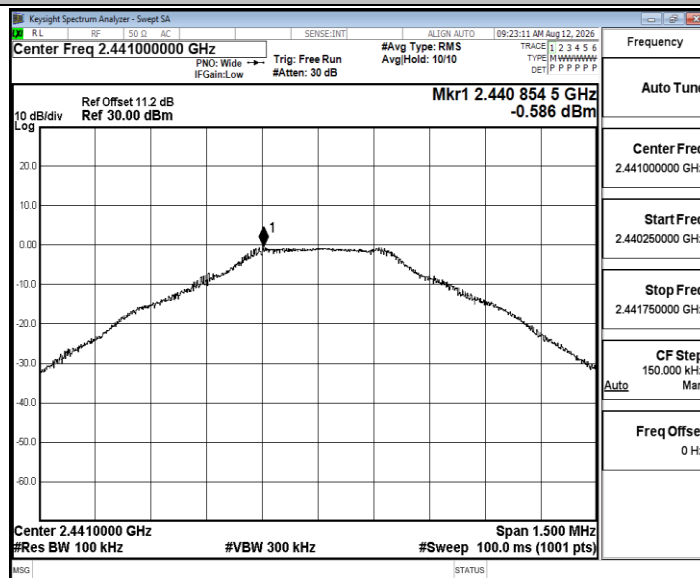
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.37	-0.37	---	PASS
			30~1000	-0.37	-70.29	≤-20.37	PASS
			1000~26500	-0.37	-35.23	≤-20.37	PASS
		2441	Reference	-0.59	-0.59	---	PASS
			30~1000	-0.59	-69.71	≤-20.59	PASS
			1000~26500	-0.59	-32.64	≤-20.59	PASS
		2480	Reference	-0.74	-0.74	---	PASS
			30~1000	-0.74	-70.17	≤-20.74	PASS
			1000~26500	-0.74	-31.31	≤-20.74	PASS
2DH5	Ant1	2402	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-70.51	≤-20.34	PASS
			1000~26500	-0.34	-38.86	≤-20.34	PASS
		2441	Reference	-0.41	-0.41	---	PASS
			30~1000	-0.41	-69.91	≤-20.41	PASS
			1000~26500	-0.41	-36.5	≤-20.41	PASS
		2480	Reference	-0.67	-0.67	---	PASS
			30~1000	-0.67	-70.27	≤-20.67	PASS
			1000~26500	-0.67	-33.99	≤-20.67	PASS
3DH5	Ant1	2402	Reference	-0.27	-0.27	---	PASS
			30~1000	-0.27	-70.23	≤-20.27	PASS
			1000~26500	-0.27	-36.57	≤-20.27	PASS
		2441	Reference	-0.40	-0.40	---	PASS
			30~1000	-0.40	-69.92	≤-20.4	PASS
			1000~26500	-0.40	-32.53	≤-20.4	PASS
		2480	Reference	-0.64	-0.64	---	PASS
			30~1000	-0.64	-70.27	≤-20.64	PASS
			1000~26500	-0.64	-35.13	≤-20.64	PASS

Test Graphs

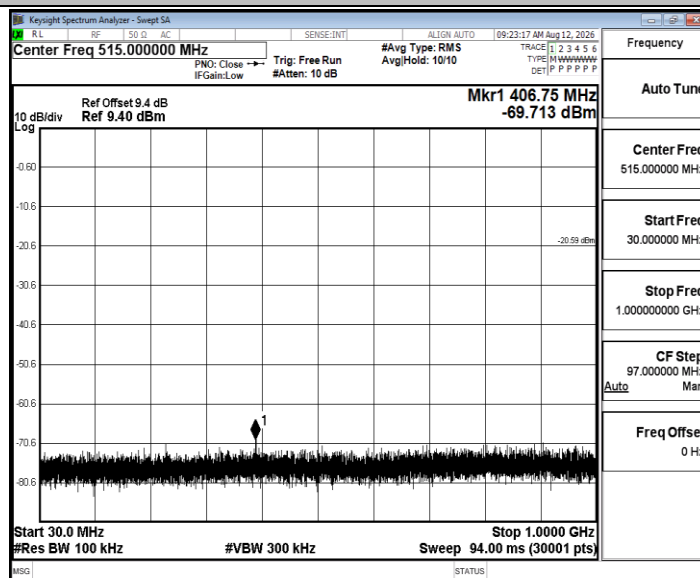




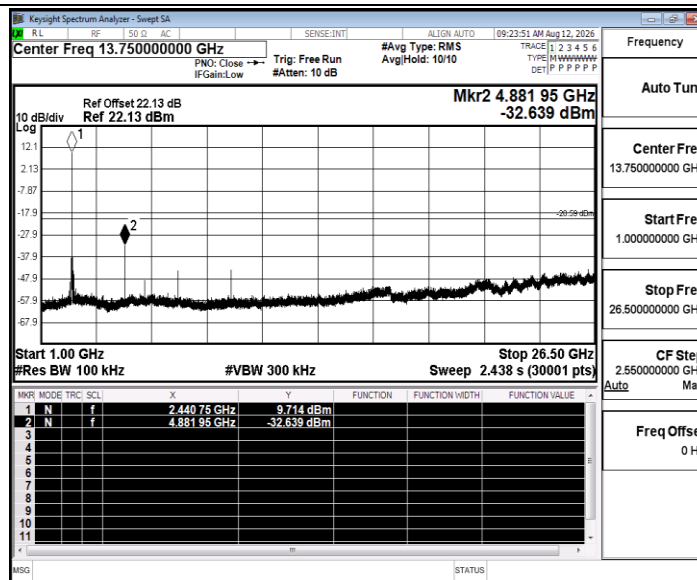
DH5_Ant1_2441_0~Reference



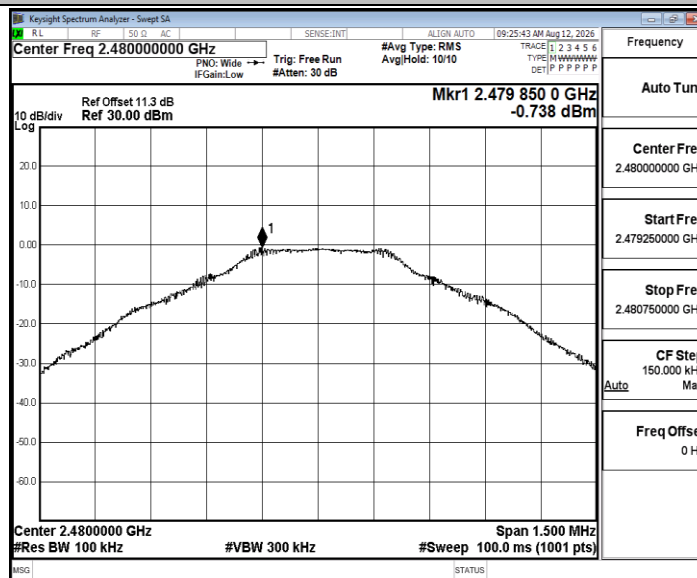
DH5_Ant1_2441_30~1000



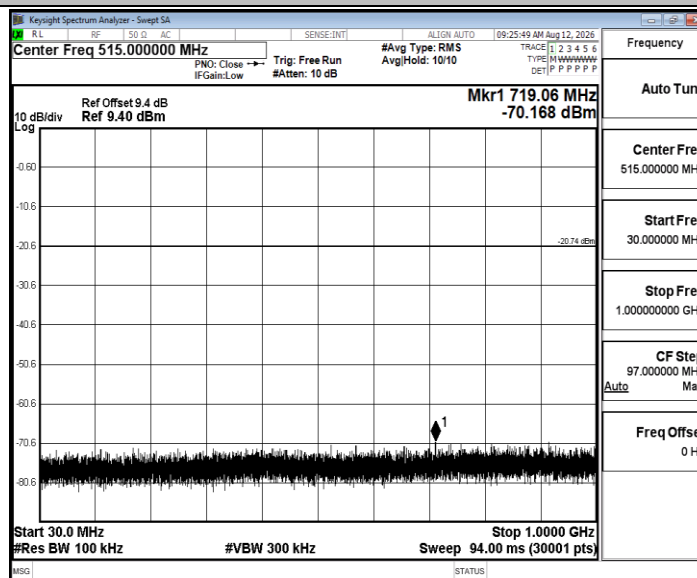
DH5_Ant1_2441_1000~26500



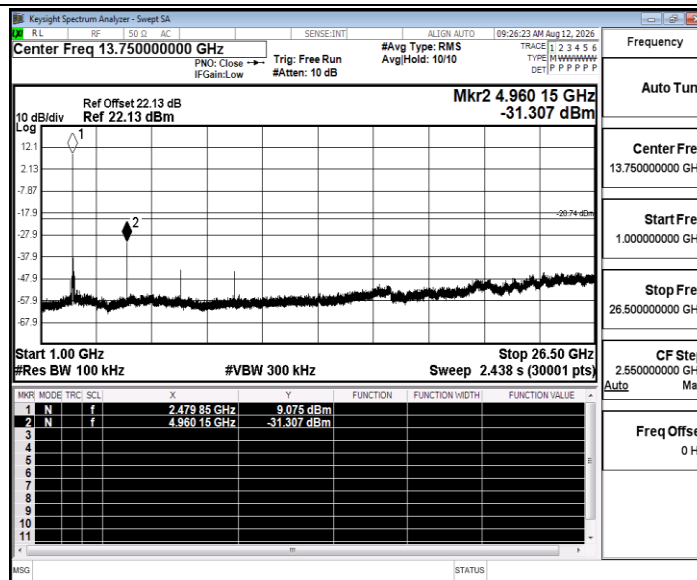
DH5_Ant1_2480_0~Reference



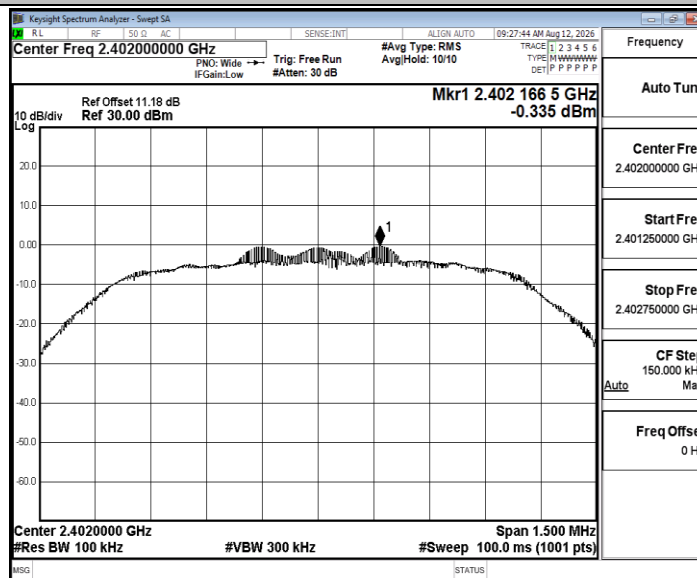
DH5_Ant1_2480_30~1000



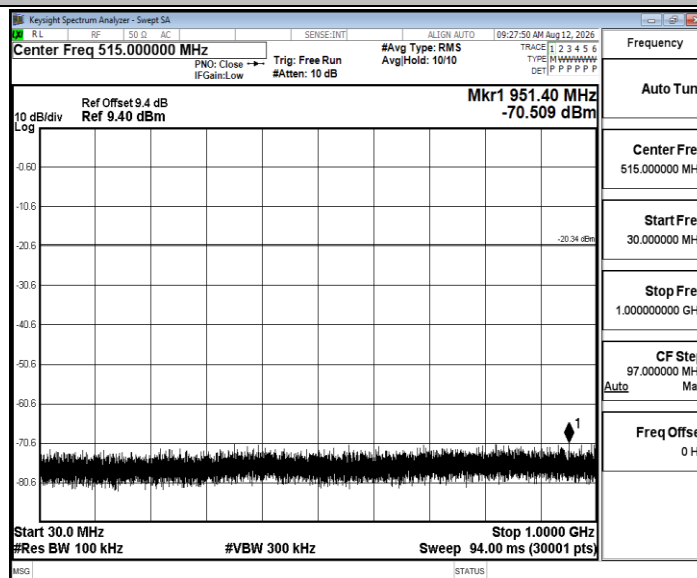
DH5_Ant1_2480_1000~26500



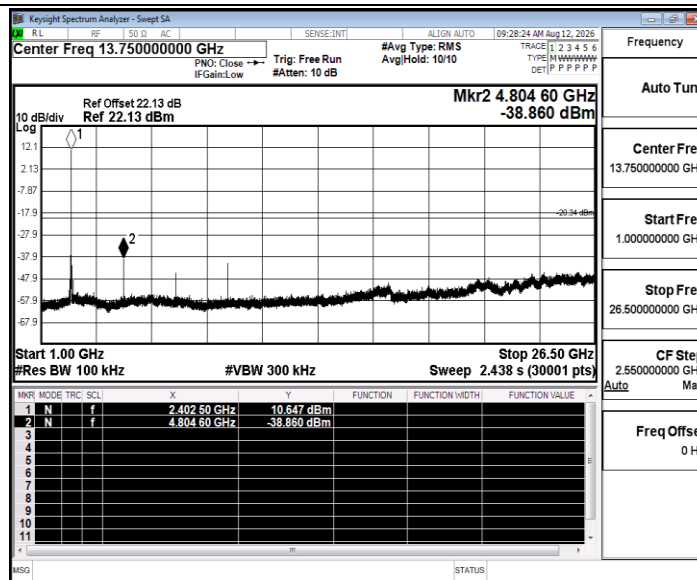
2DH5_Ant1_2402_0~Reference



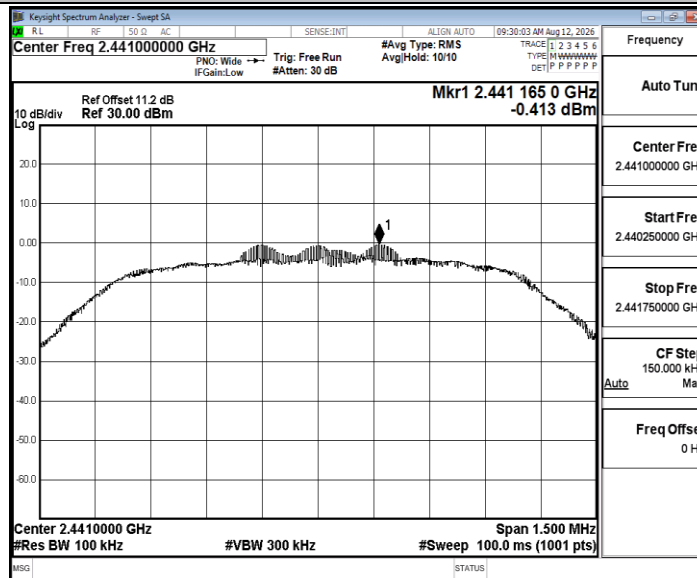
2DH5_Ant1_2402_30~1000



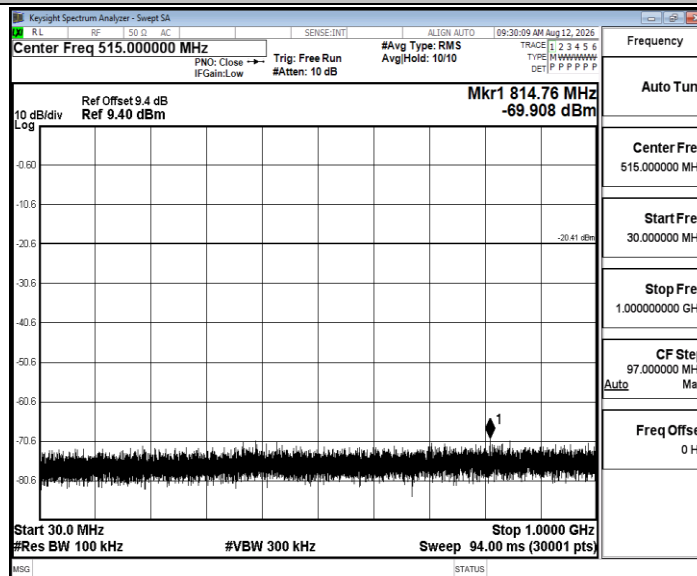
2DH5_Ant1_2402_1000~26500



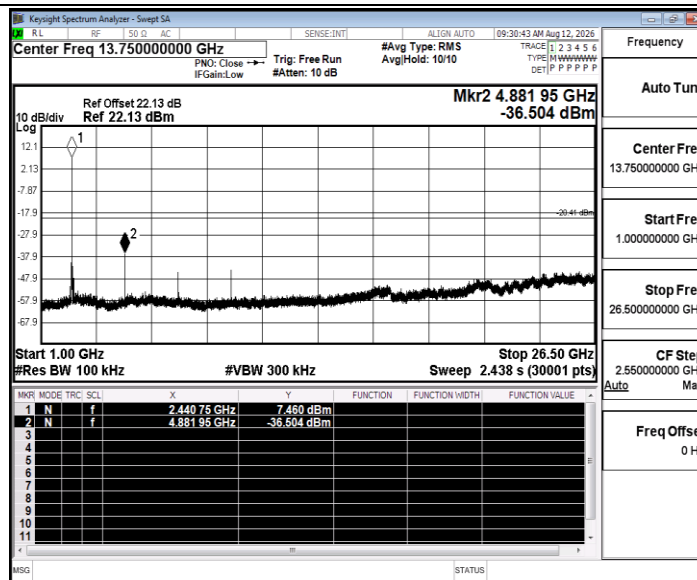
2DH5_Ant1_2441_0~Reference



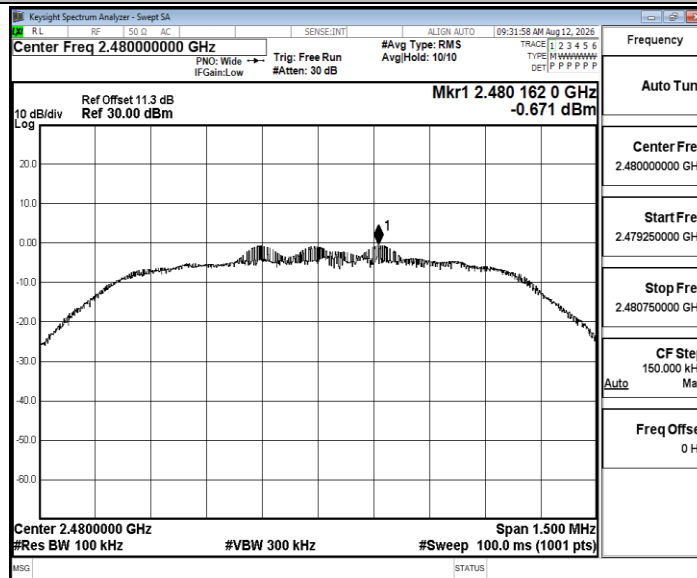
2DH5_Ant1_2441_30~1000



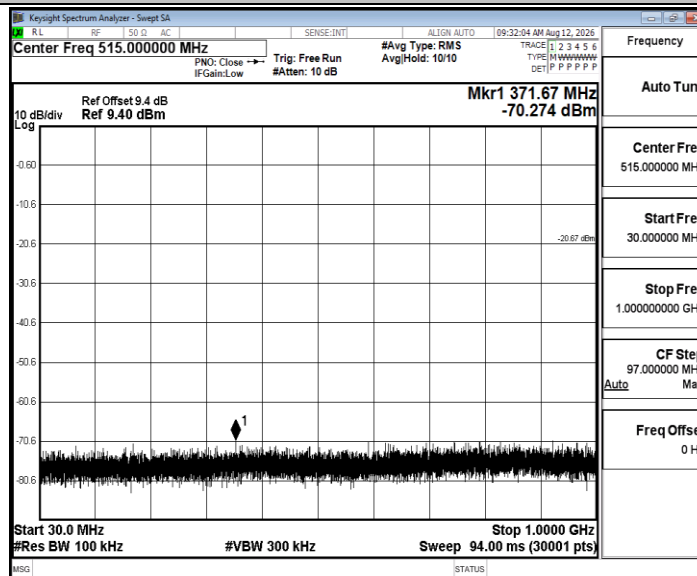
2DH5_Ant1_2441_1000~26500



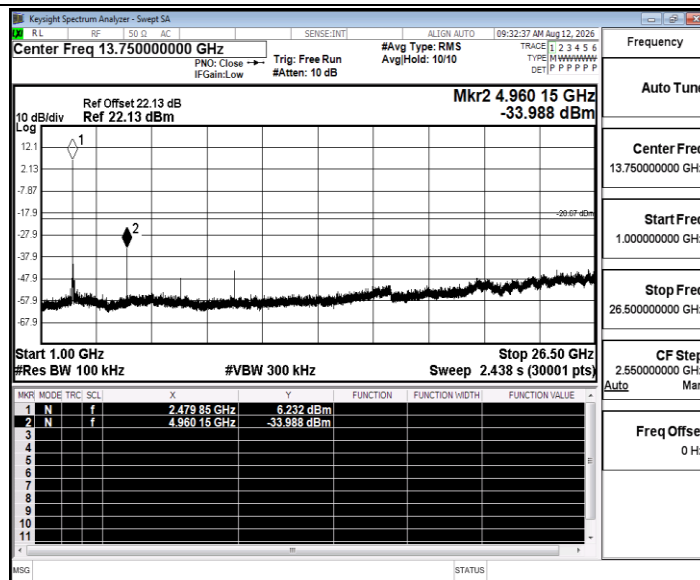
2DH5_Ant1_2480_0~Reference



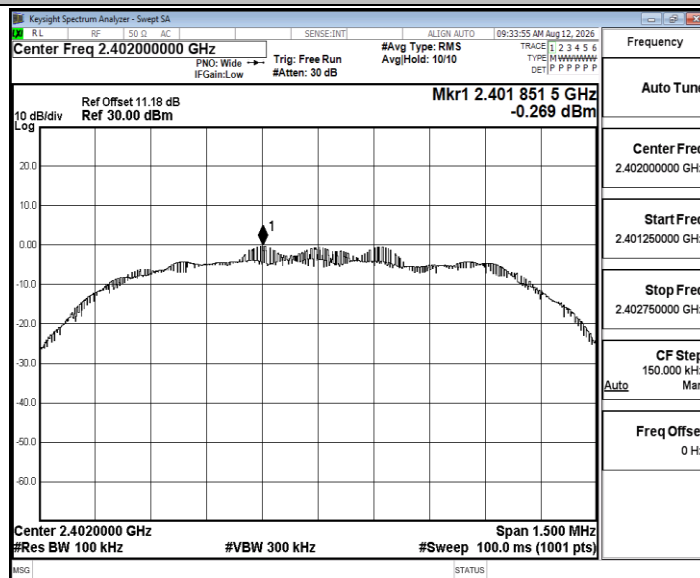
2DH5_Ant1_2480_30~1000



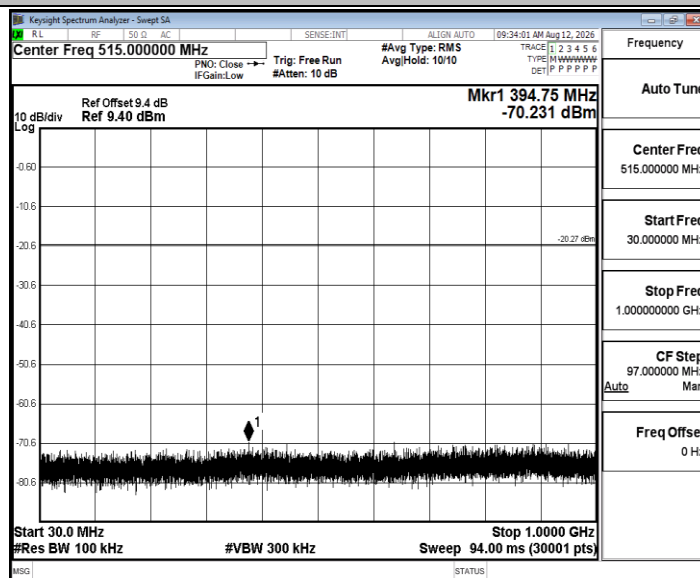
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500