



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: TABLET PC

Test Model: T8

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng





A.1 20dB Emission Bandwidth

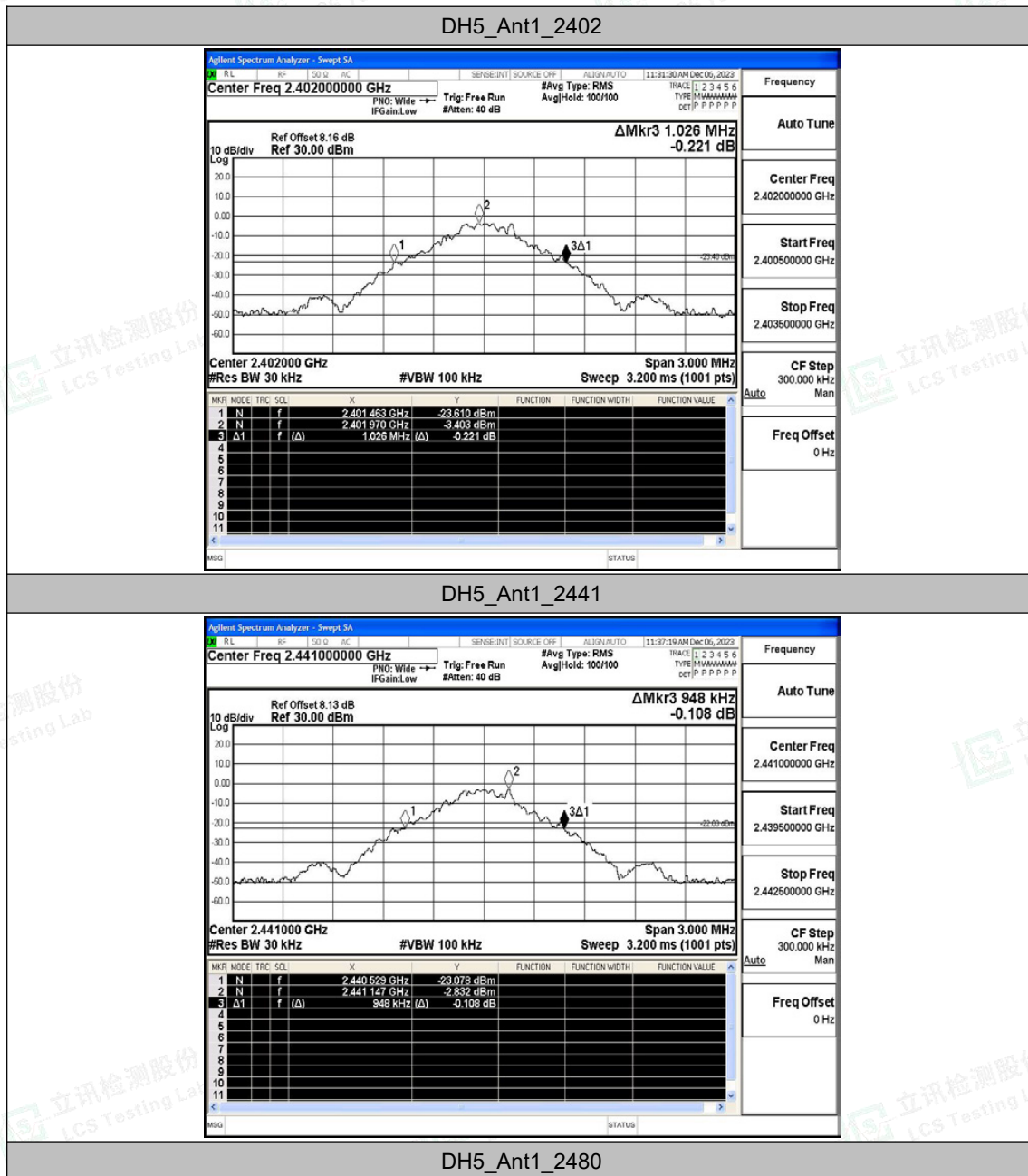
Test Result

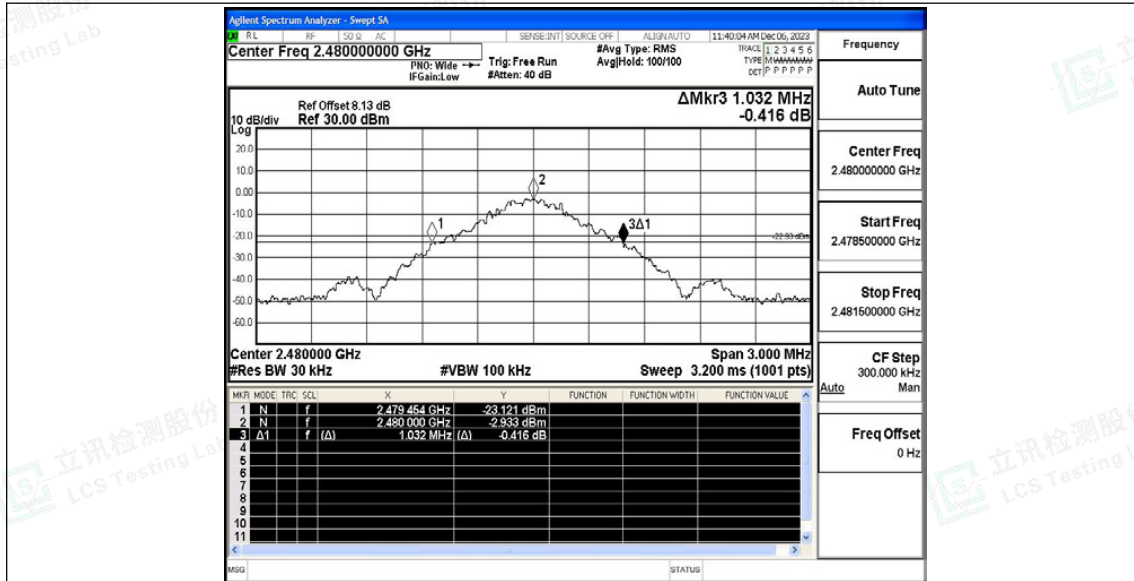
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	1.026	2401.463	2402.489	---
		2441	0.948	2440.529	2441.477	---
		2480	1.032	2479.454	2480.486	---
2DH5	Ant1	2402	1.293	2401.349	2402.642	---
		2441	1.293	2440.349	2441.642	---
		2480	1.329	2479.319	2480.648	---
3DH5	Ant1	2402	1.299	2401.340	2402.639	---
		2441	1.290	2440.346	2441.636	---
		2480	1.299	2479.340	2480.639	---



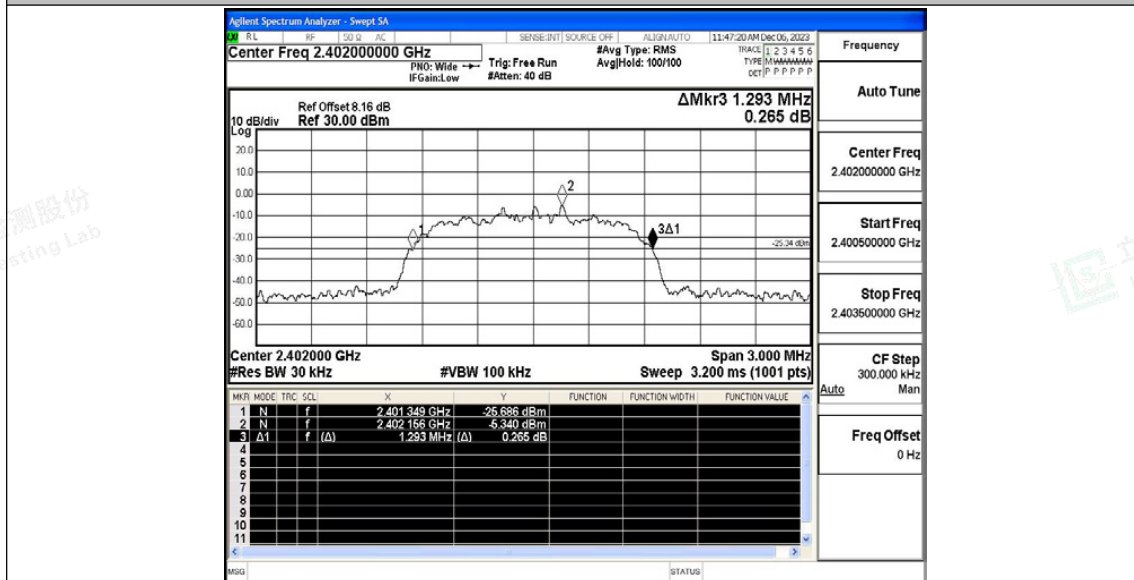


Test Graphs



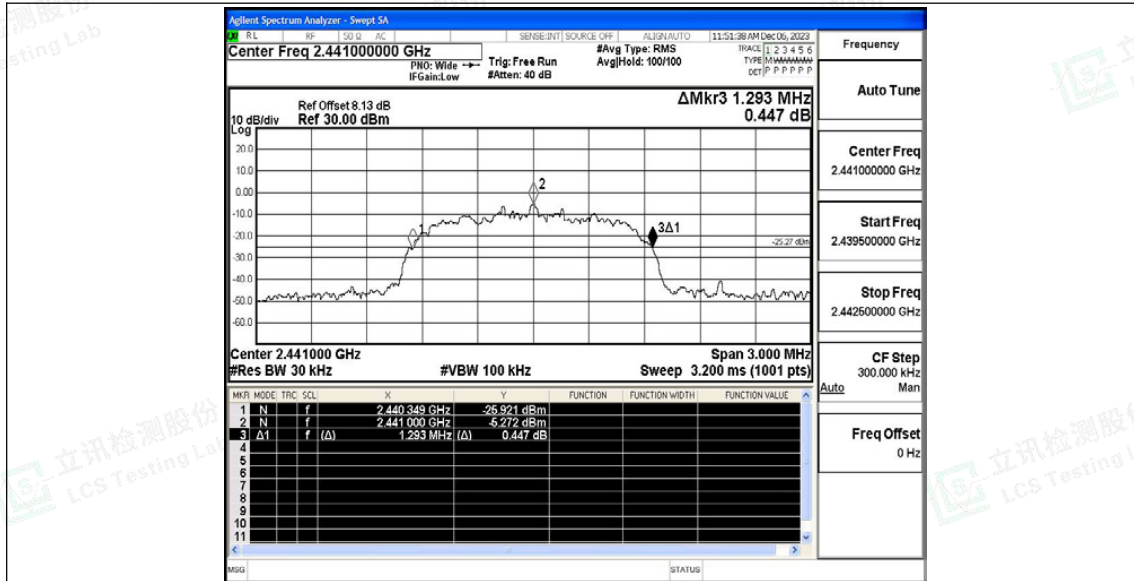


2DH5_Ant1_2402

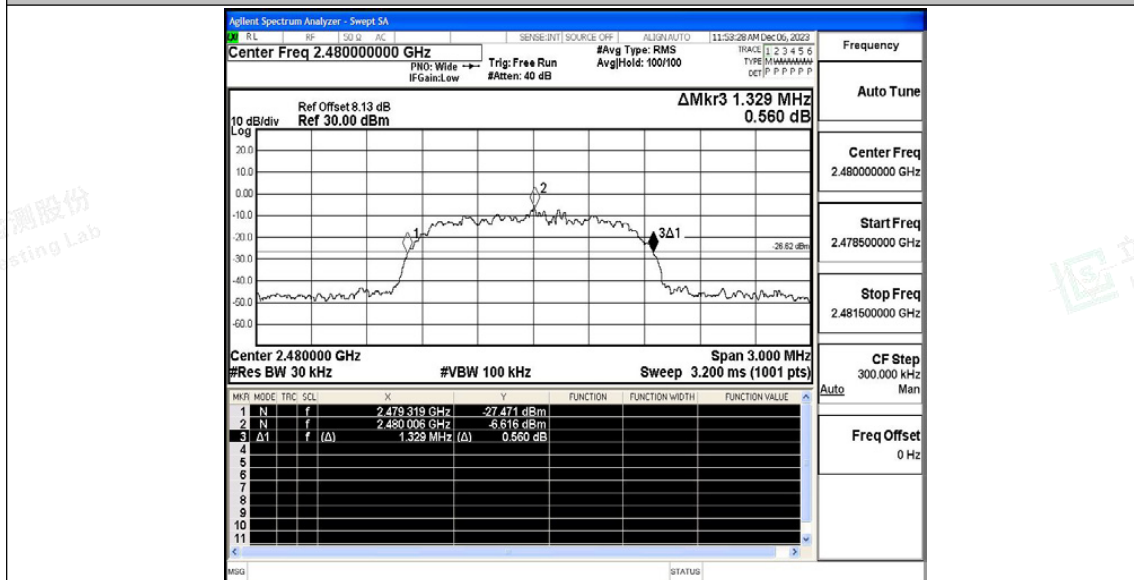


2DH5_Ant1_2441



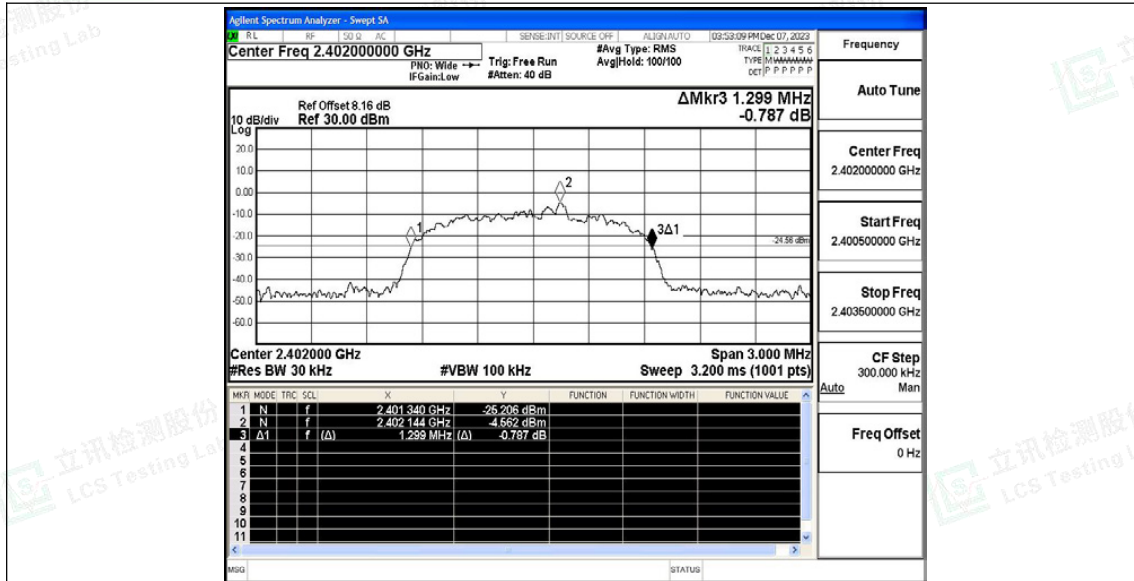


2DH5_Ant1_2480

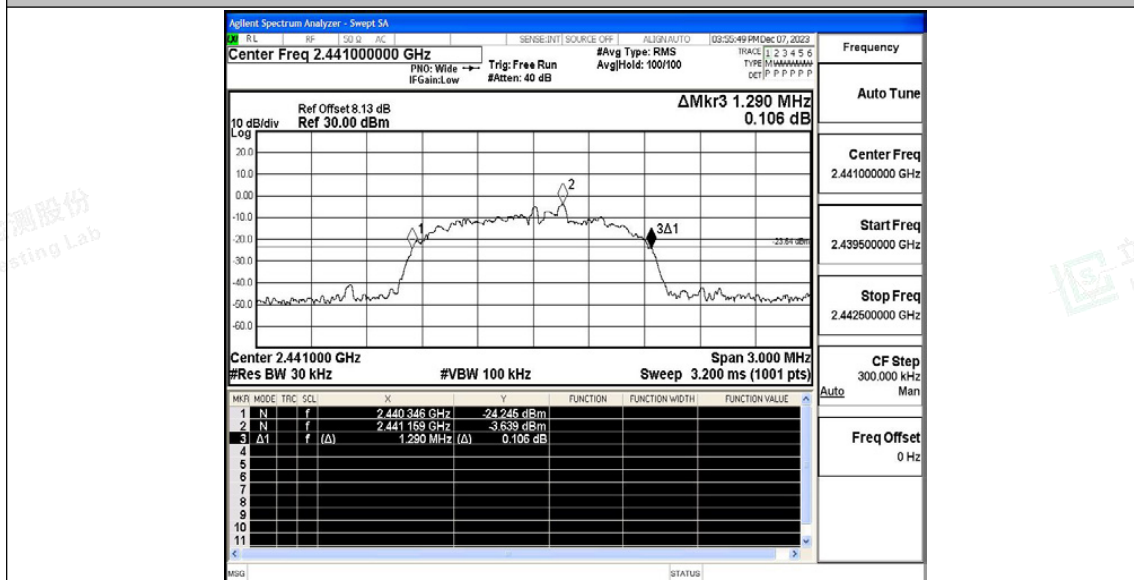


3DH5_Ant1_2402



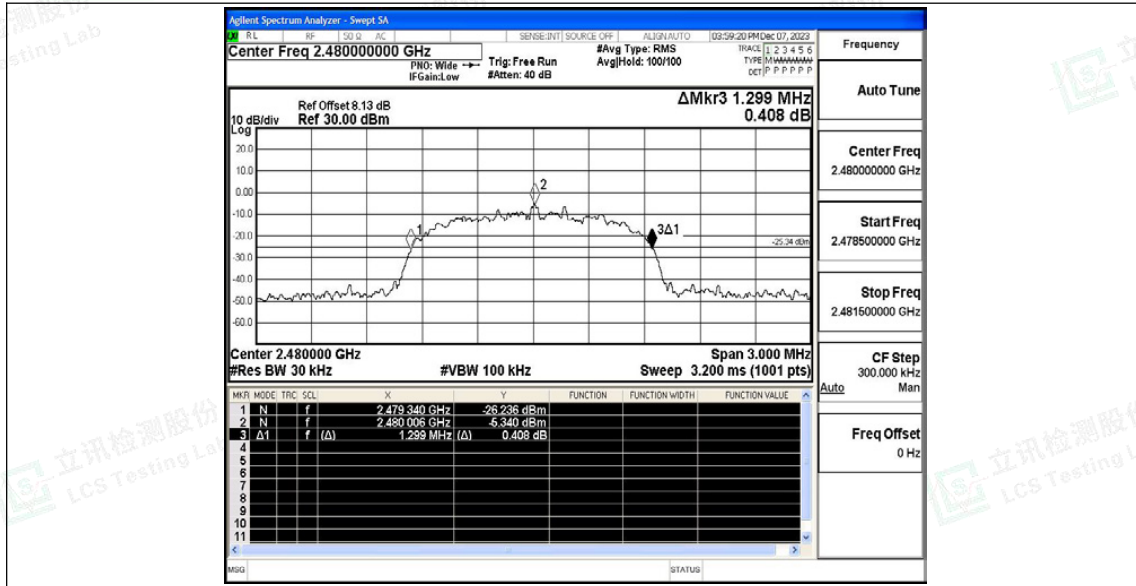


3DH5_Ant1_2441



3DH5_Ant1_2480







A.2 Maximum conducted output power

Test Result

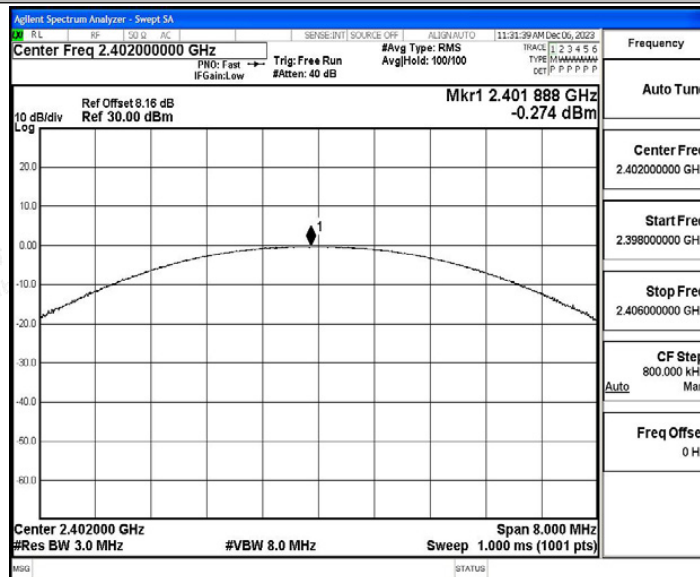
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-0.27	≤20.97	PASS
		2441	0.05	≤20.97	PASS
		2480	0.09	≤20.97	PASS
2DH5	Ant1	2402	-0.58	≤20.97	PASS
		2441	-0.49	≤20.97	PASS
		2480	-0.5	≤20.97	PASS
3DH5	Ant1	2402	-0.1	≤20.97	PASS
		2441	-0.05	≤20.97	PASS
		2480	0.11	≤20.97	PASS



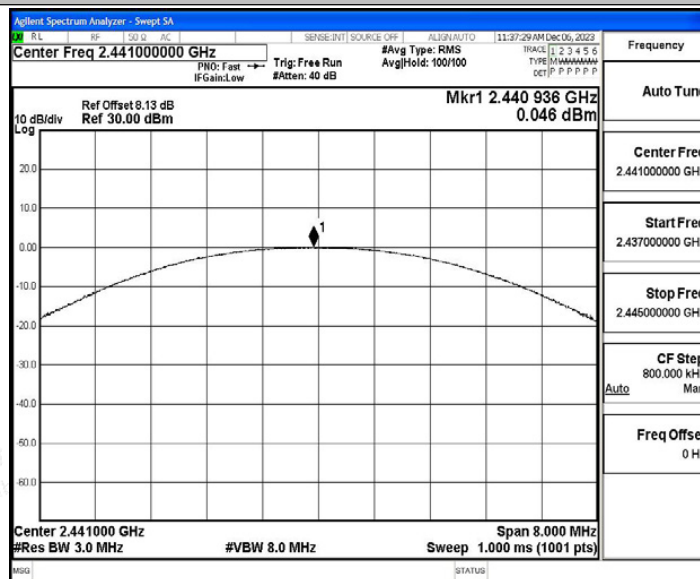


Test Graphs

DH5_Ant1_2402

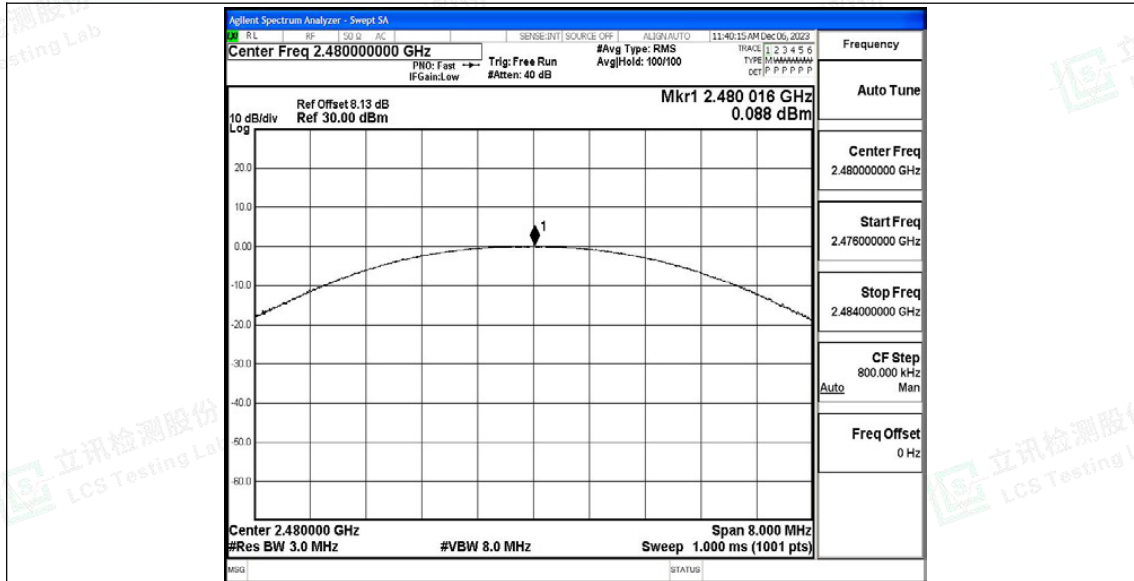


DH5_Ant1_2441

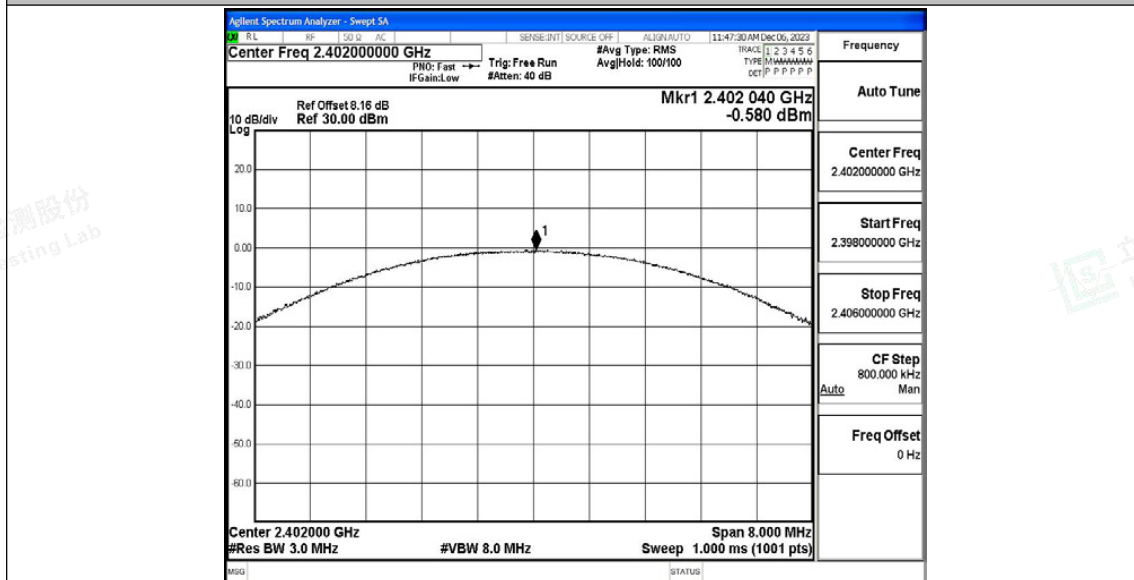


DH5_Ant1_2480



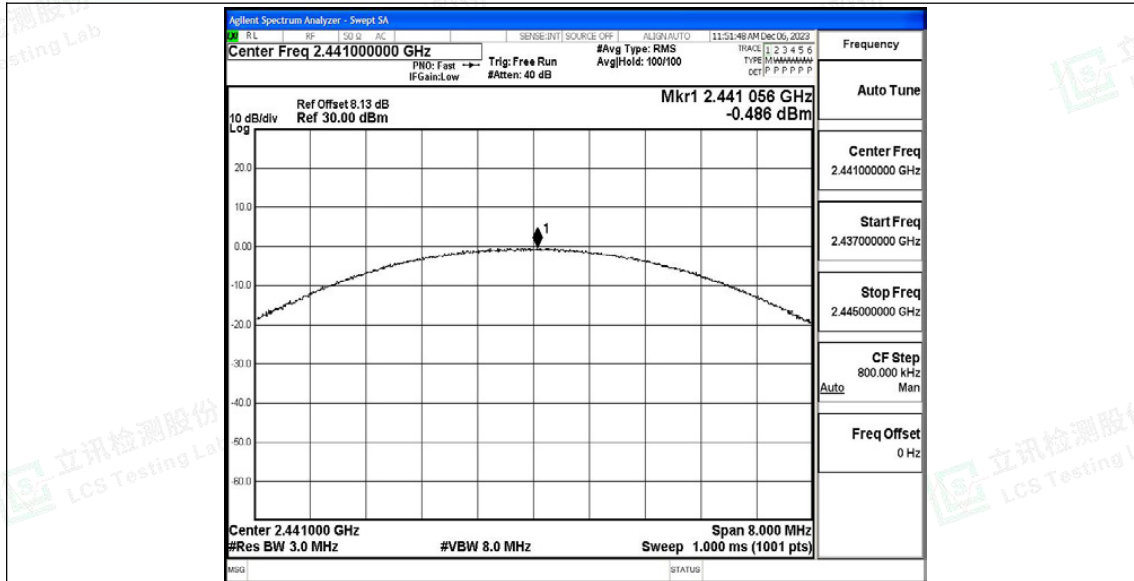


2DH5_Ant1_2402

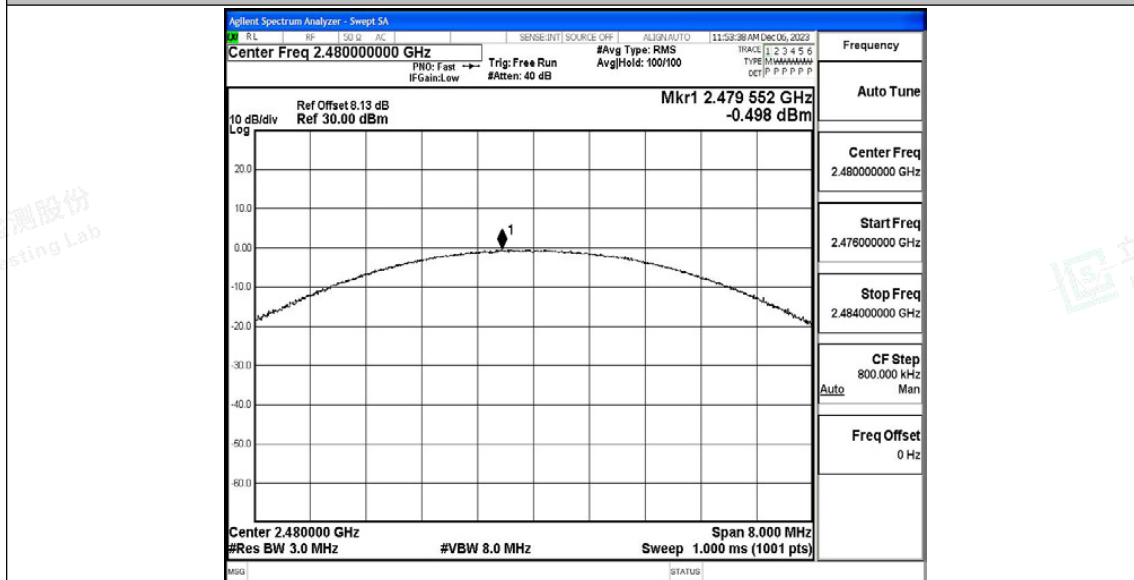


2DH5_Ant1_2441



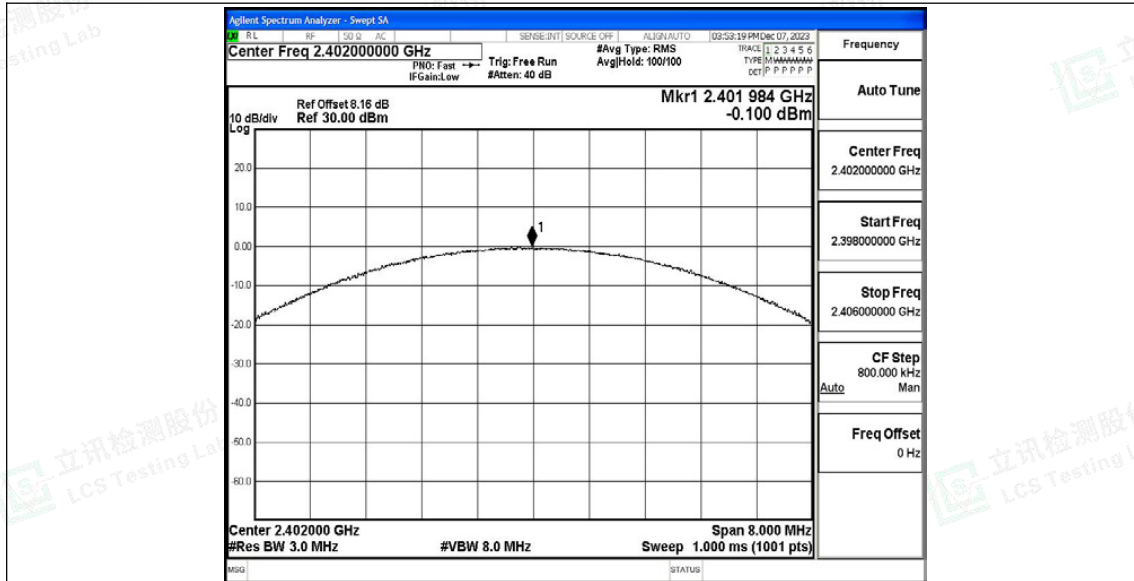


2DH5_Ant1_2480

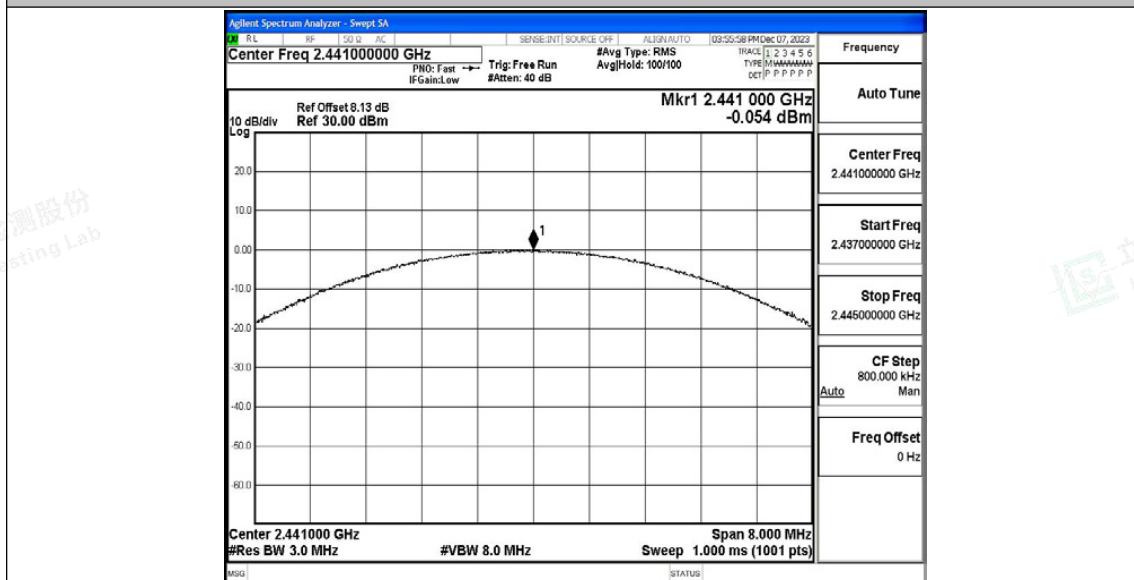


3DH5_Ant1_2402



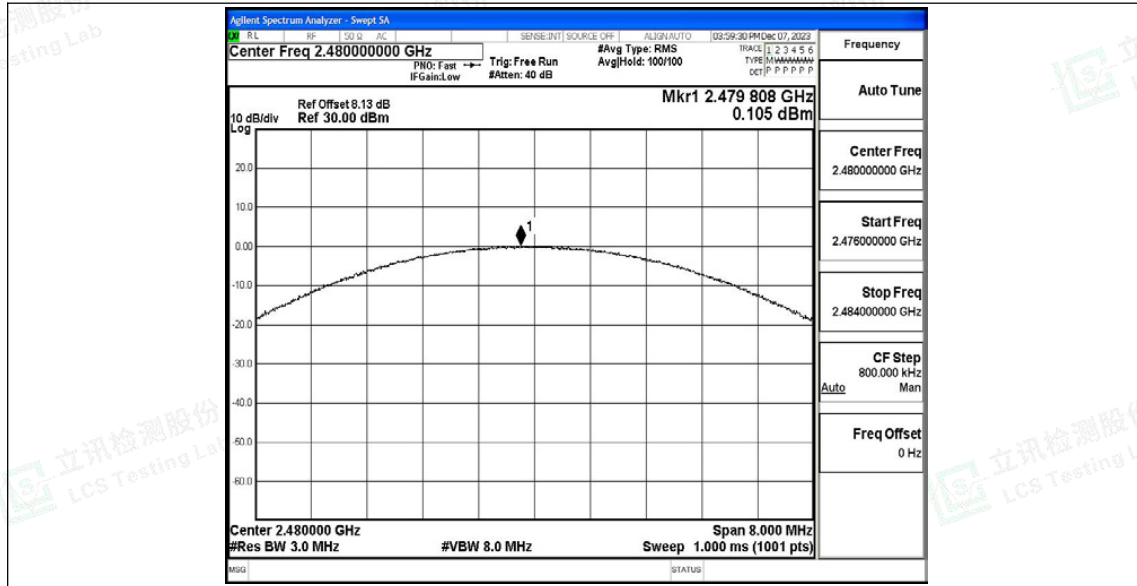


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

Test Result

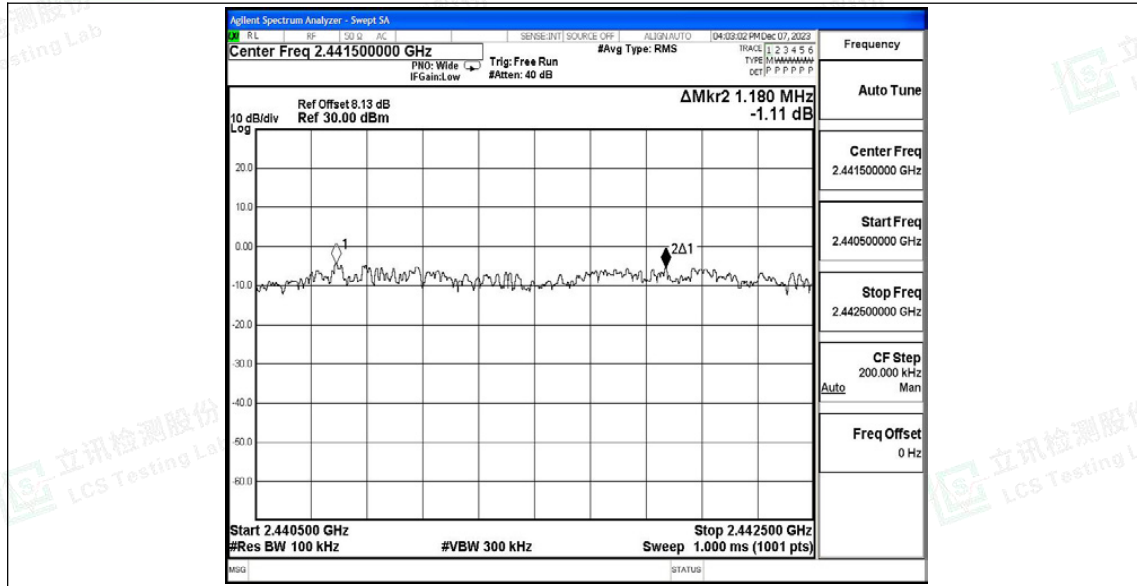
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.948	≥0.688	PASS
2DH5	Ant1	Hop	1.002	≥0.886	PASS
3DH5	Ant1	Hop	1.18	≥0.866	PASS





Test Graphs







A.4 Time of occupancy

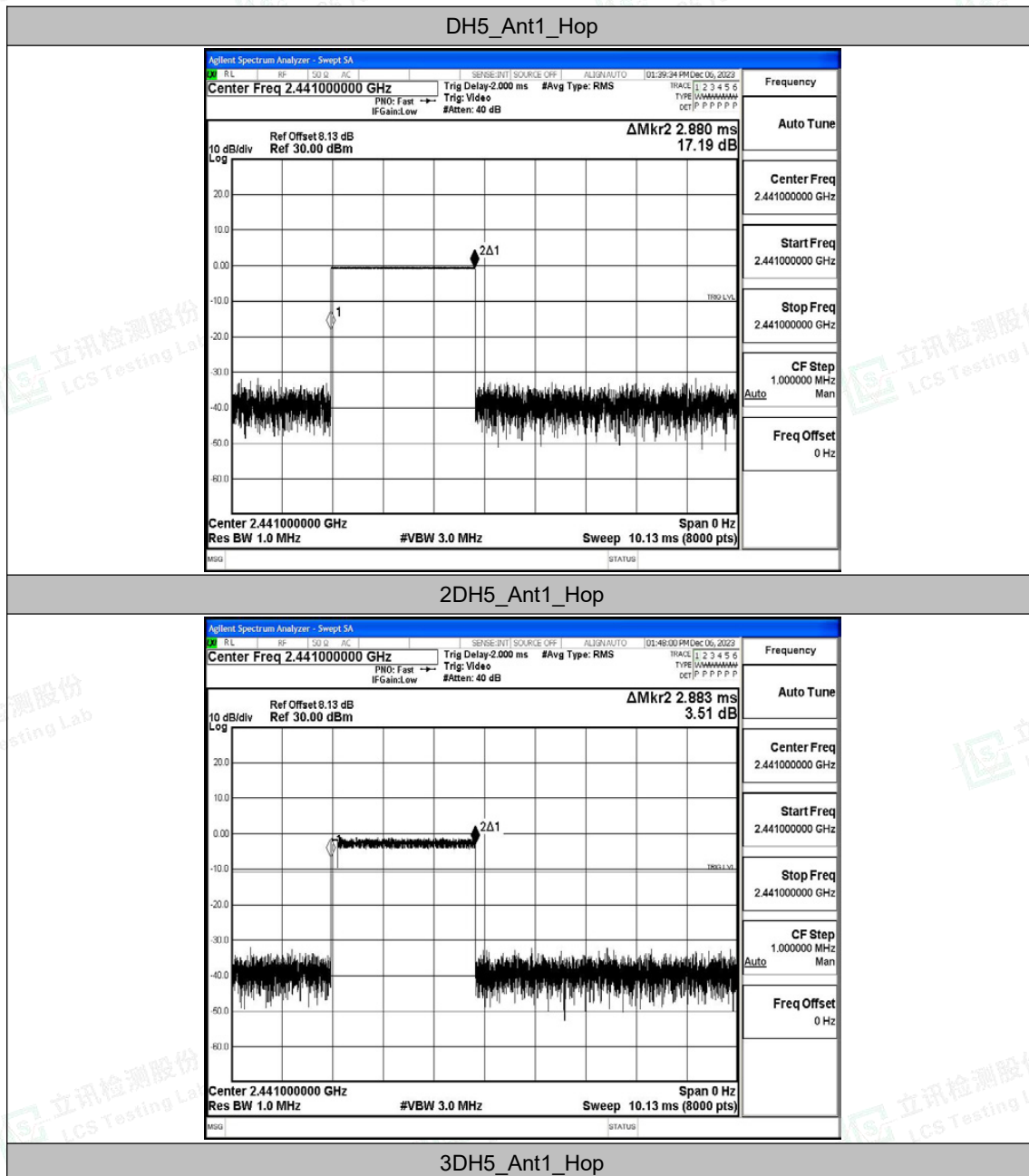
Test Result

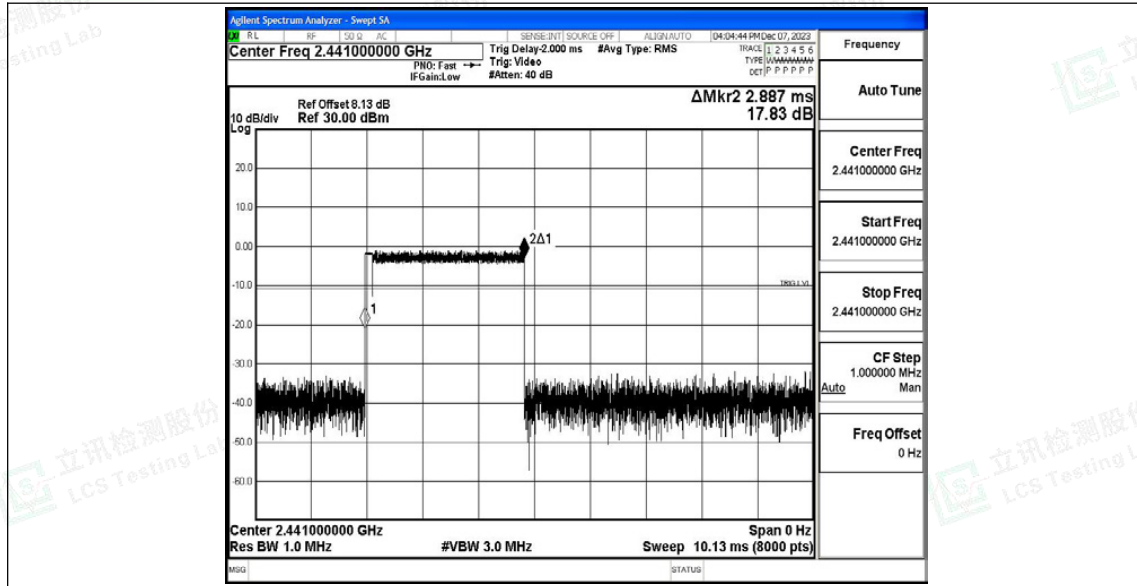
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.883	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS





Test Graphs







A.5 Number of hopping channels

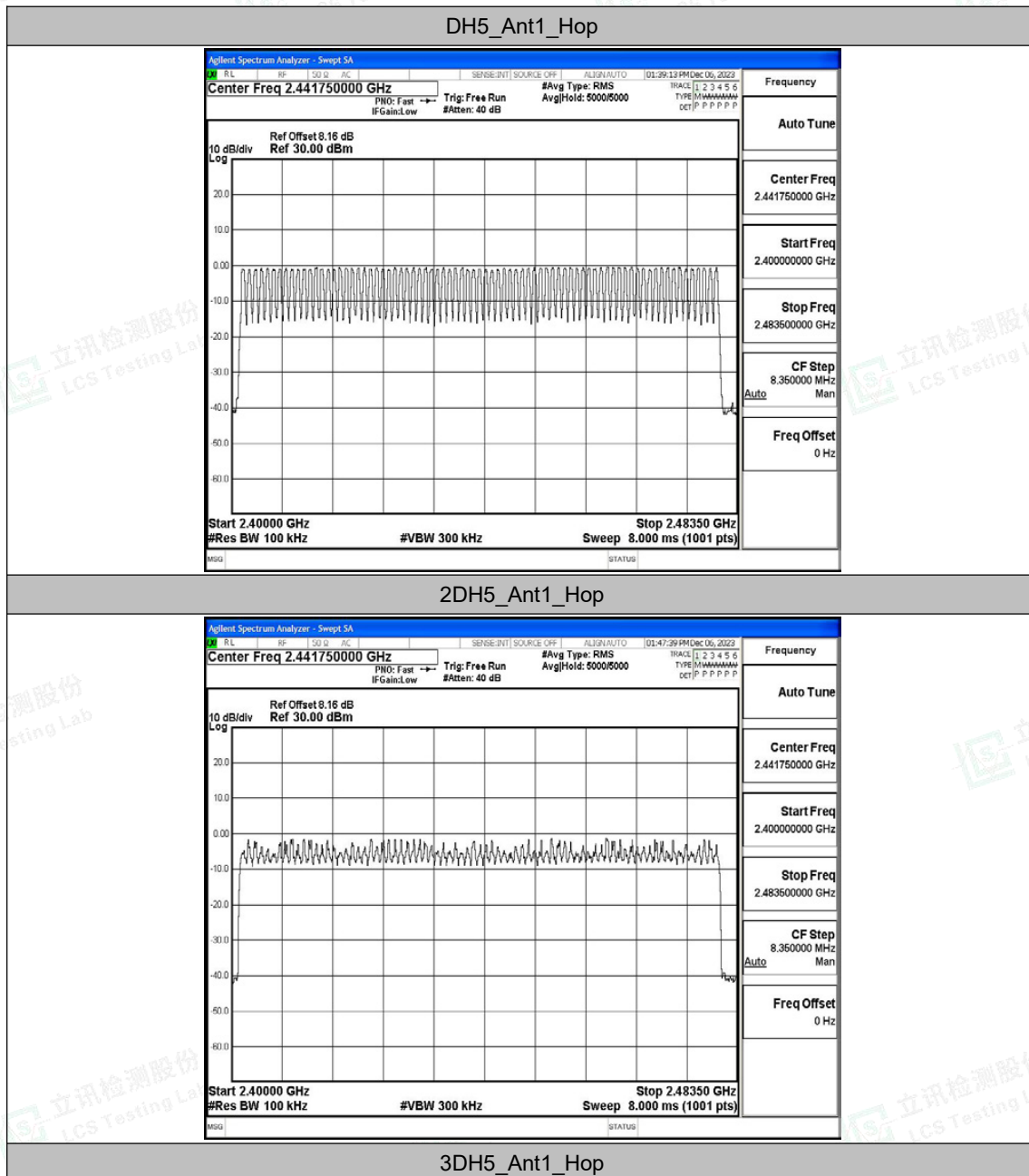
Test Result

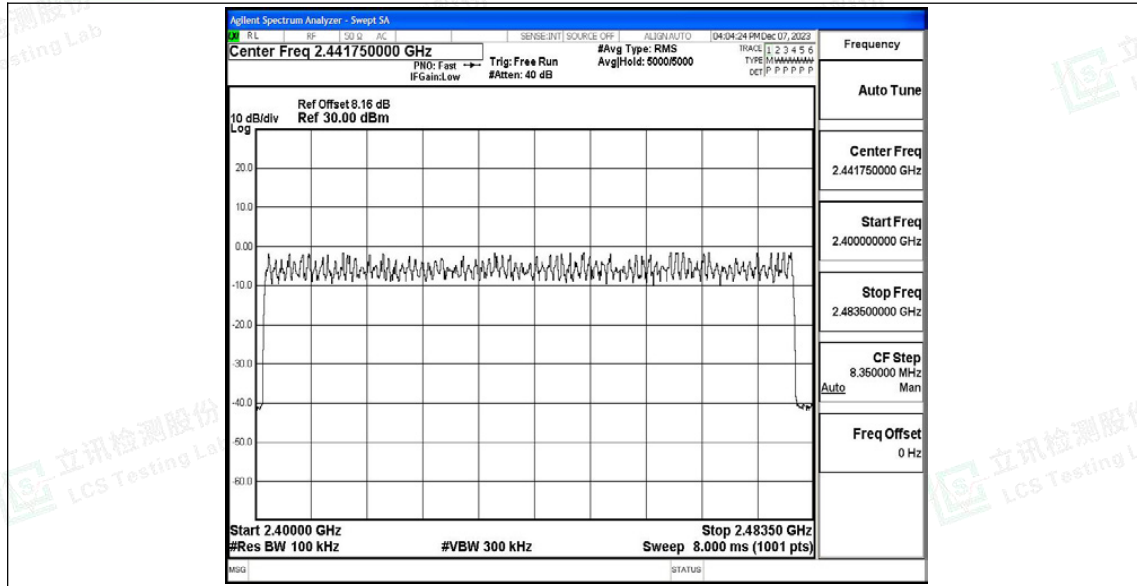
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

Test Result

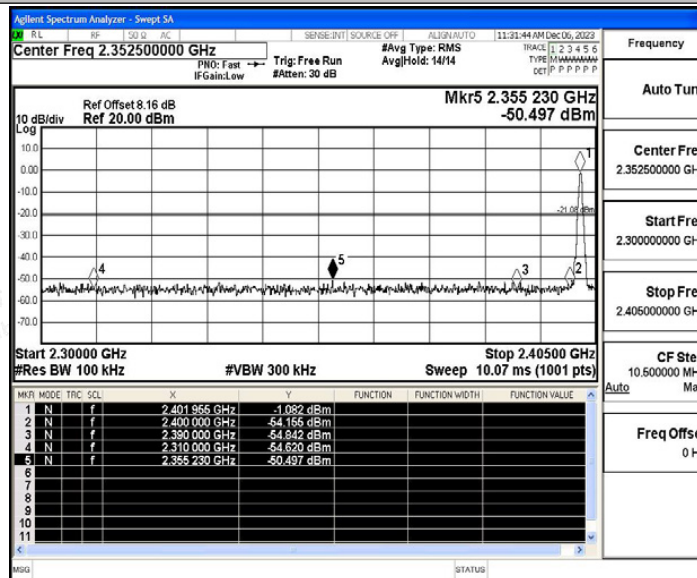
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.08	-50.5	≤-21.08	PASS
		High	2480	-0.90	-50.27	≤-20.9	PASS
		Low	Hop_2402	-1.37	-50.05	≤-21.37	PASS
		High	Hop_2480	-0.59	-49.6	≤-20.59	PASS
2DH5	Ant1	Low	2402	-5.65	-51.65	≤-25.65	PASS
		High	2480	-3.20	-50.43	≤-23.2	PASS
		Low	Hop_2402	-4.09	-50.06	≤-24.09	PASS
		High	Hop_2480	-4.09	-48.95	≤-24.09	PASS
3DH5	Ant1	Low	2402	-1.61	-51.35	≤-21.61	PASS
		High	2480	-1.24	-50.65	≤-21.24	PASS
		Low	Hop_2402	-4.33	-49.62	≤-24.33	PASS
		High	Hop_2480	-1.61	-49.36	≤-21.61	PASS



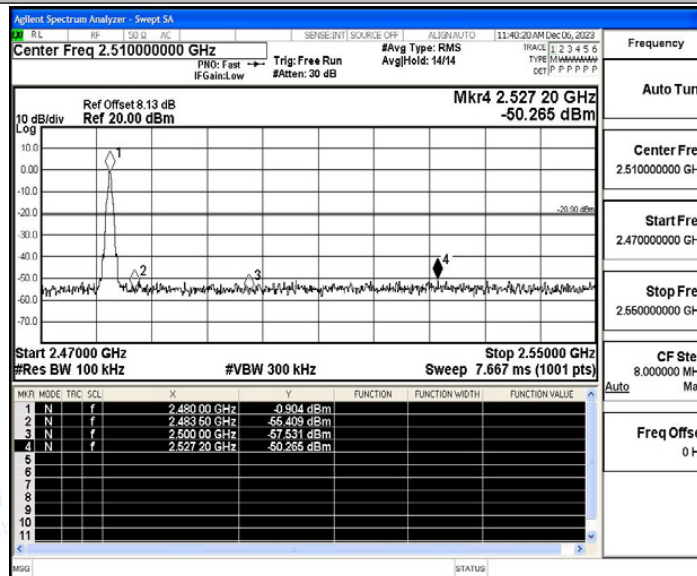


Test Graphs

DH5_Ant1_Low_2402

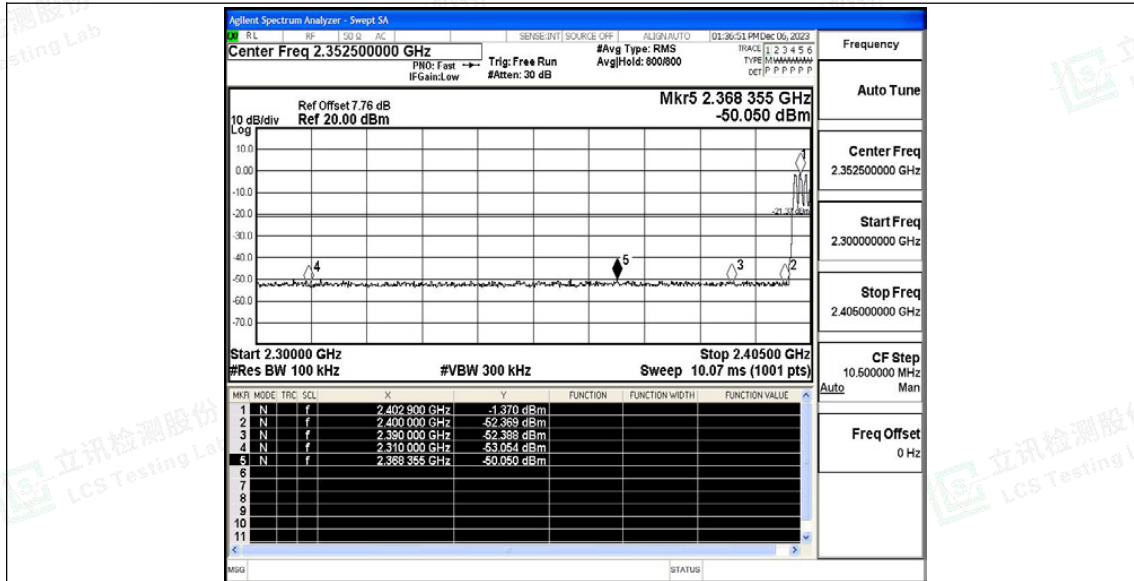


DH5_Ant1_High_2480

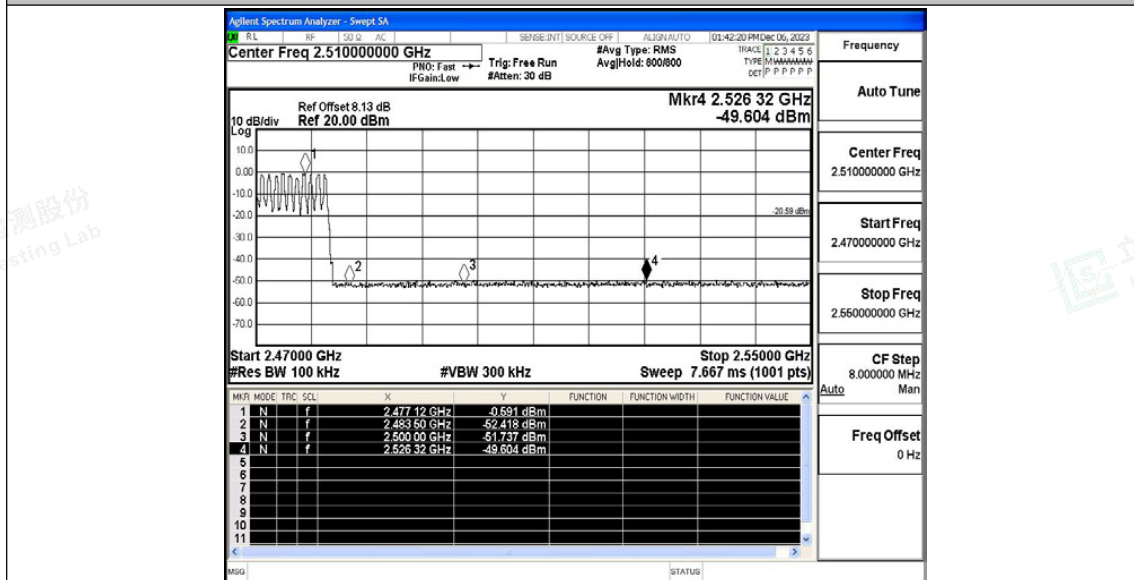


DH5_Ant1_Low_Hop_2402



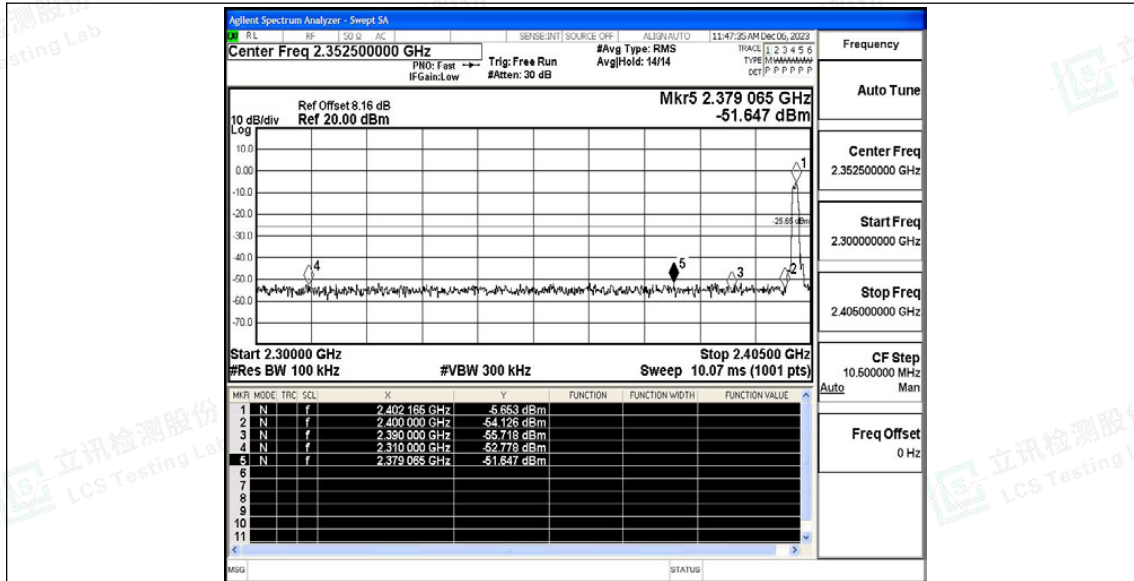


DH5_Ant1_High_Hop_2480

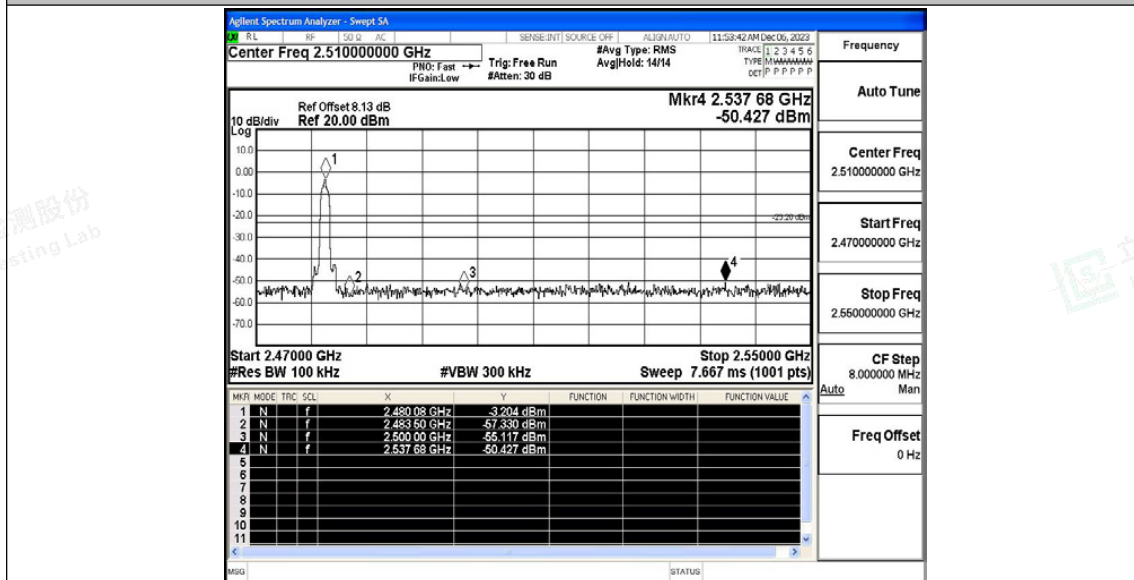


2DH5_Ant1_Low_2402



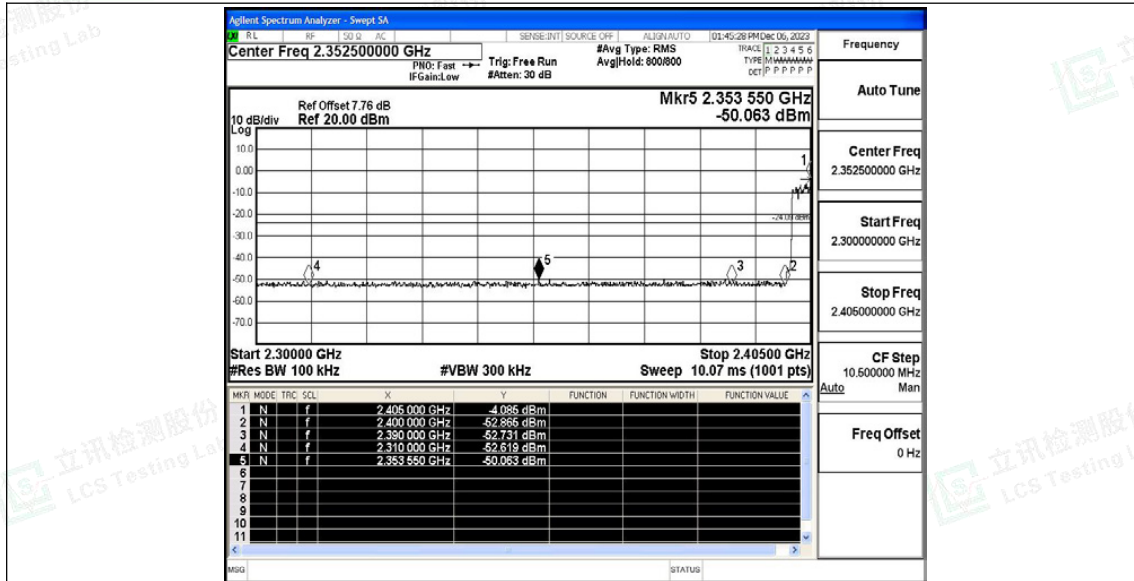


2DH5_Ant1_High_2480

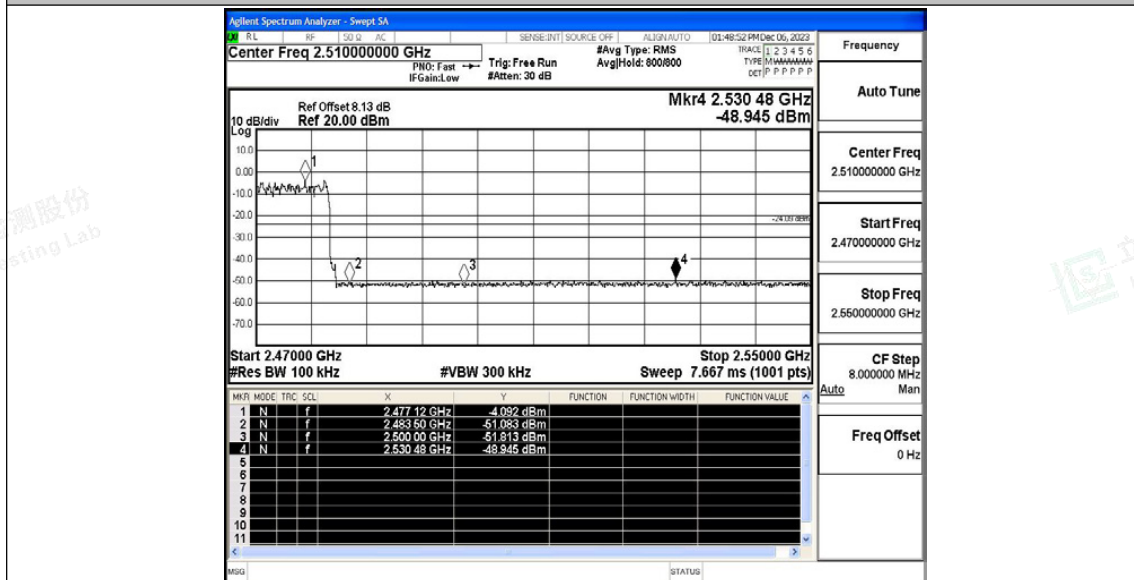


2DH5_Ant1_Low_Hop_2402



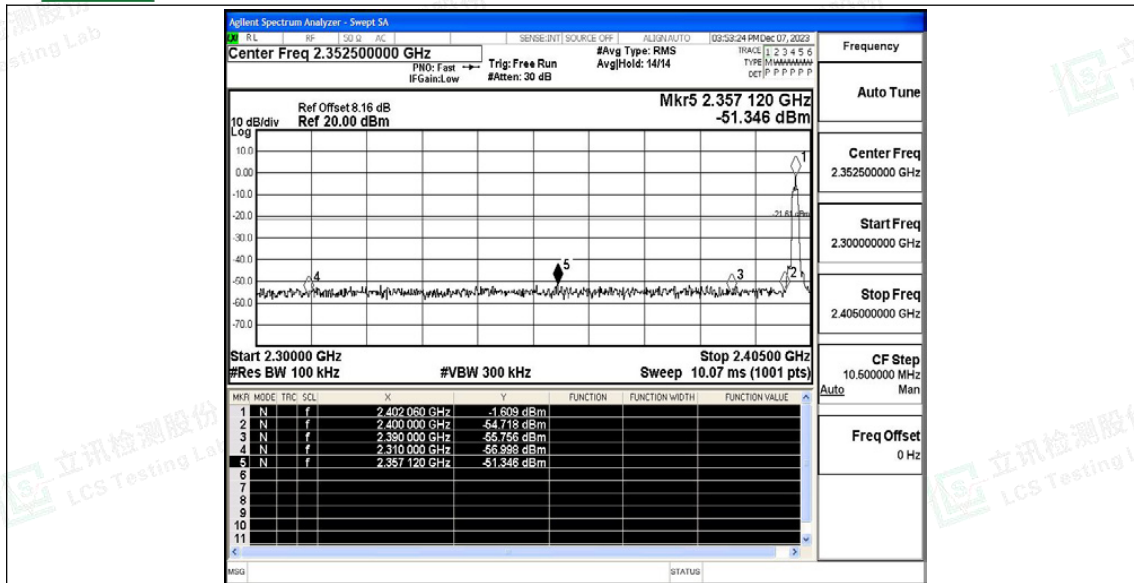


2DH5_Ant1_High_Hop_2480

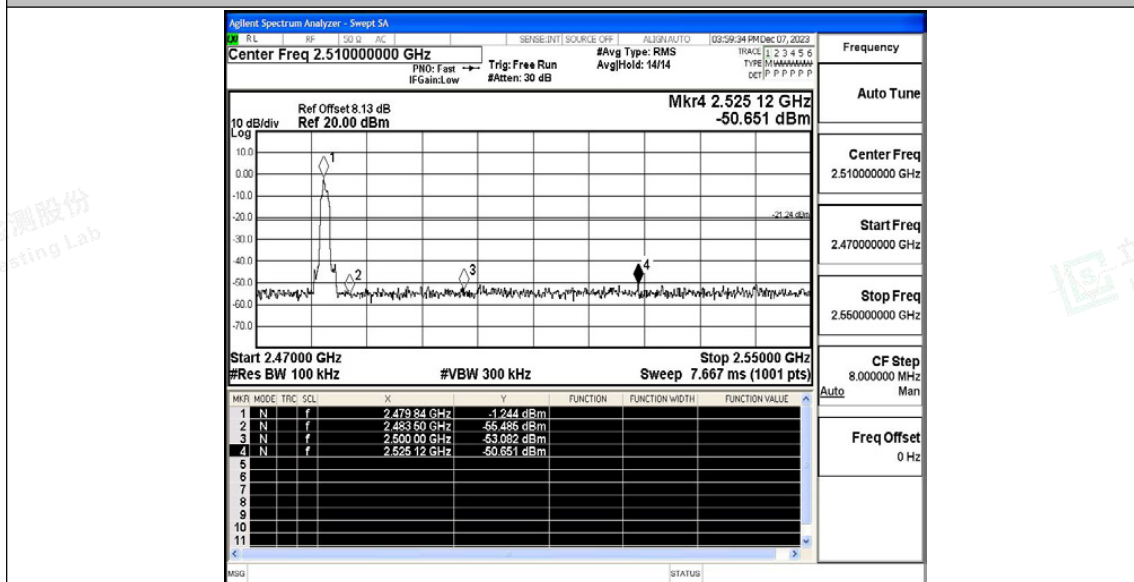


3DH5_Ant1_Low_2402



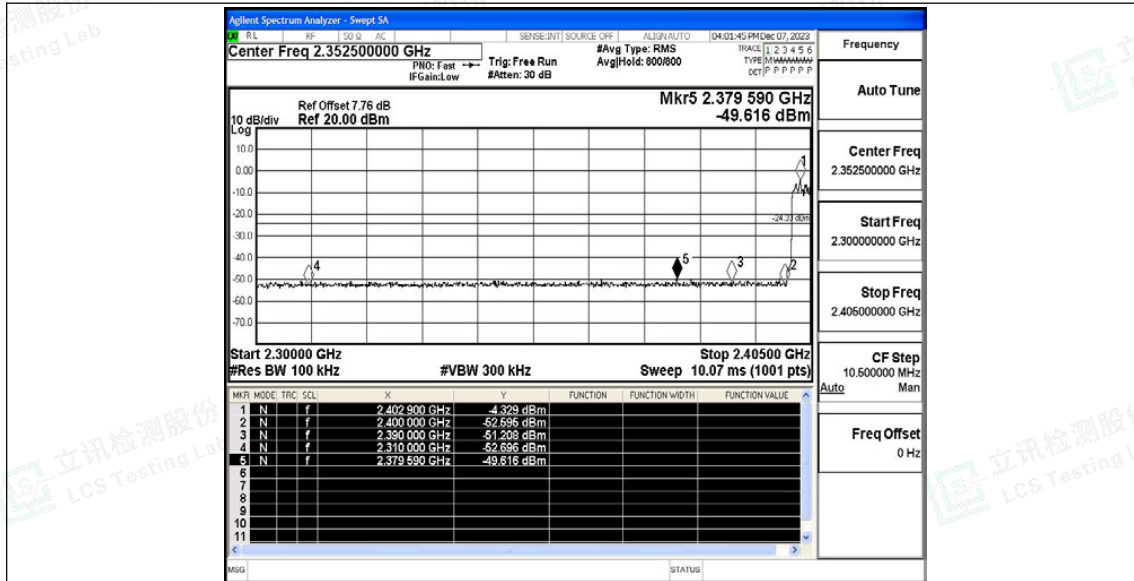


3DH5_Ant1_High_2480

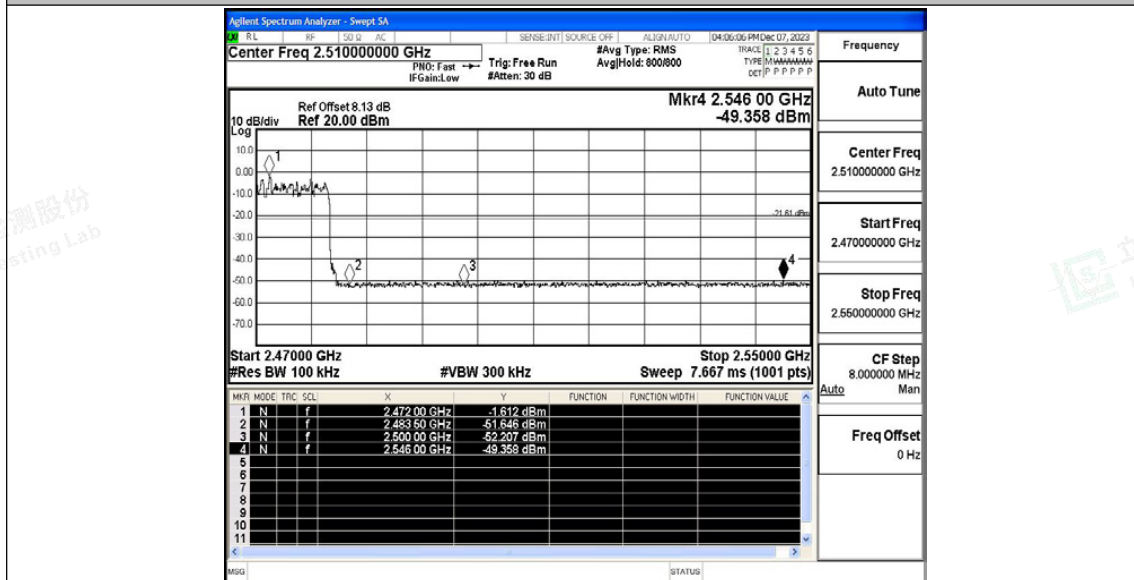


3DH5_Ant1_Low_Hop_2402





3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

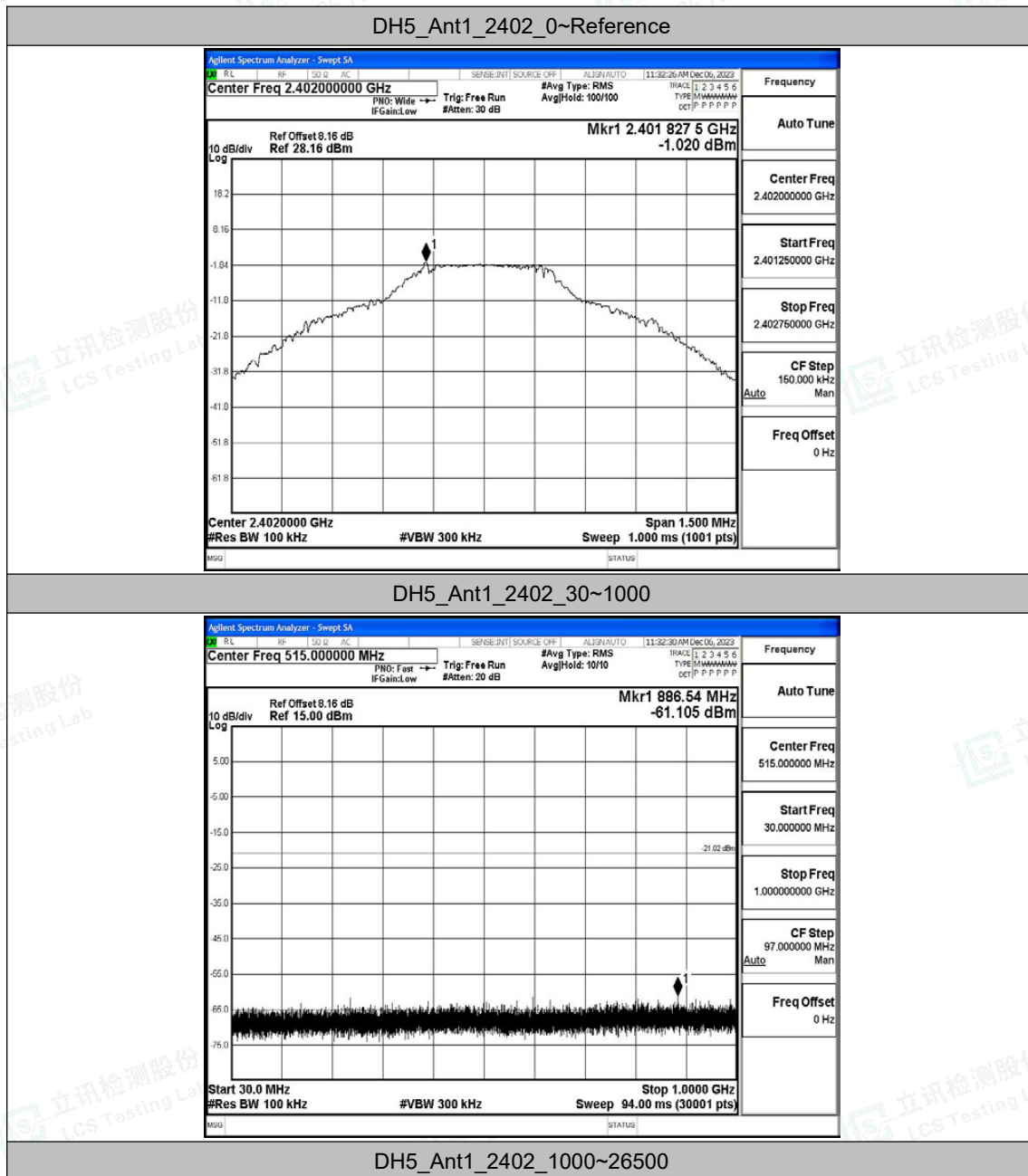
Test Result

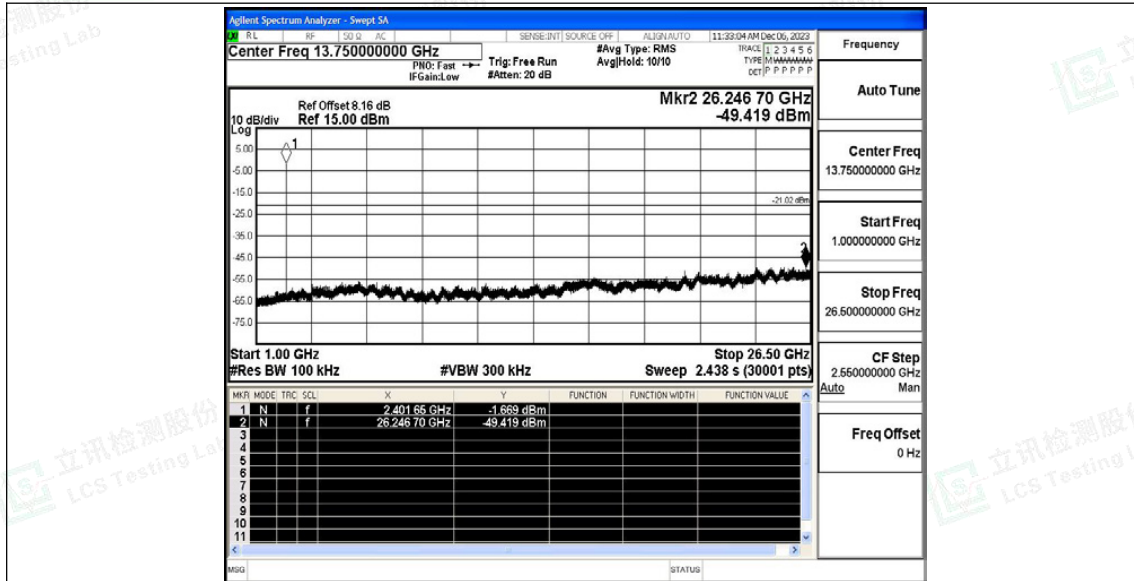
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-1.02	-1.02	---	PASS
			30~1000	-1.02	-61.11	≤-21.02	PASS
			1000~26500	-1.02	-49.42	≤-21.02	PASS
		2441	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-62.34	≤-20.6	PASS
			1000~26500	-0.60	-48.88	≤-20.6	PASS
		2480	Reference	-1.06	-1.06	---	PASS
			30~1000	-1.06	-61.38	≤-21.06	PASS
			1000~26500	-1.06	-49.28	≤-21.06	PASS
2DH5	Ant1	2402	Reference	-2.34	-2.34	---	PASS
			30~1000	-2.34	-61.66	≤-22.34	PASS
			1000~26500	-2.34	-49.3	≤-22.34	PASS
		2441	Reference	-1.87	-1.87	---	PASS
			30~1000	-1.87	-62.11	≤-21.87	PASS
			1000~26500	-1.87	-49.27	≤-21.87	PASS
		2480	Reference	-1.62	-1.62	---	PASS
			30~1000	-1.62	-61.9	≤-21.62	PASS
			1000~26500	-1.62	-47.97	≤-21.62	PASS
3DH5	Ant1	2402	Reference	-1.58	-1.58	---	PASS
			30~1000	-1.58	-61.43	≤-21.58	PASS
			1000~26500	-1.58	-49.46	≤-21.58	PASS
		2441	Reference	-2.24	-2.24	---	PASS
			30~1000	-2.24	-61.71	≤-22.24	PASS
			1000~26500	-2.24	-49.45	≤-22.24	PASS
		2480	Reference	-1.59	-1.59	---	PASS
			30~1000	-1.59	-61.5	≤-21.59	PASS
			1000~26500	-1.59	-48.9	≤-21.59	PASS



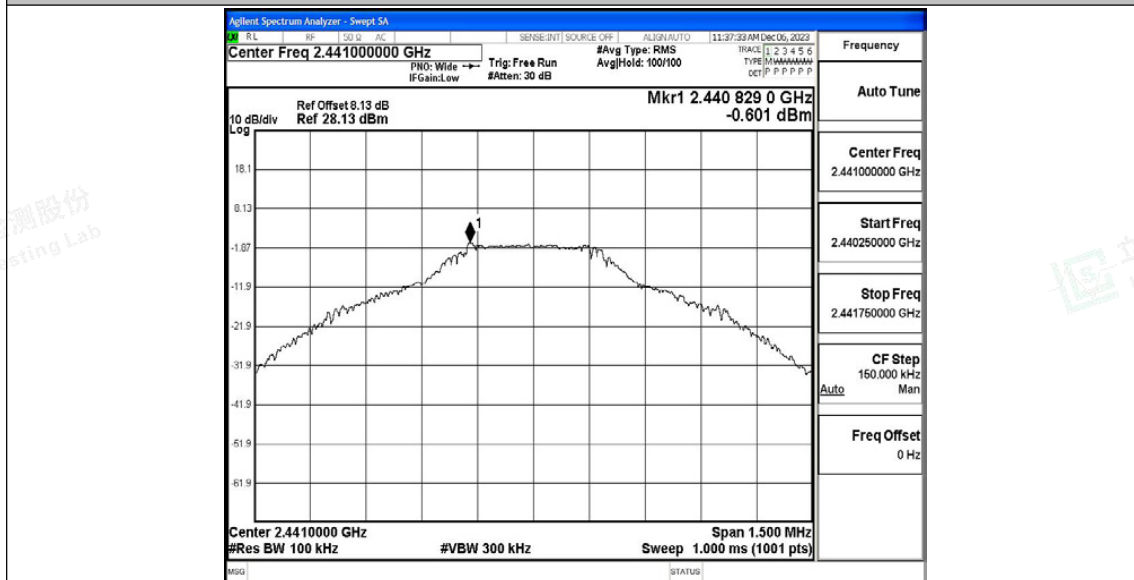


Test Graphs



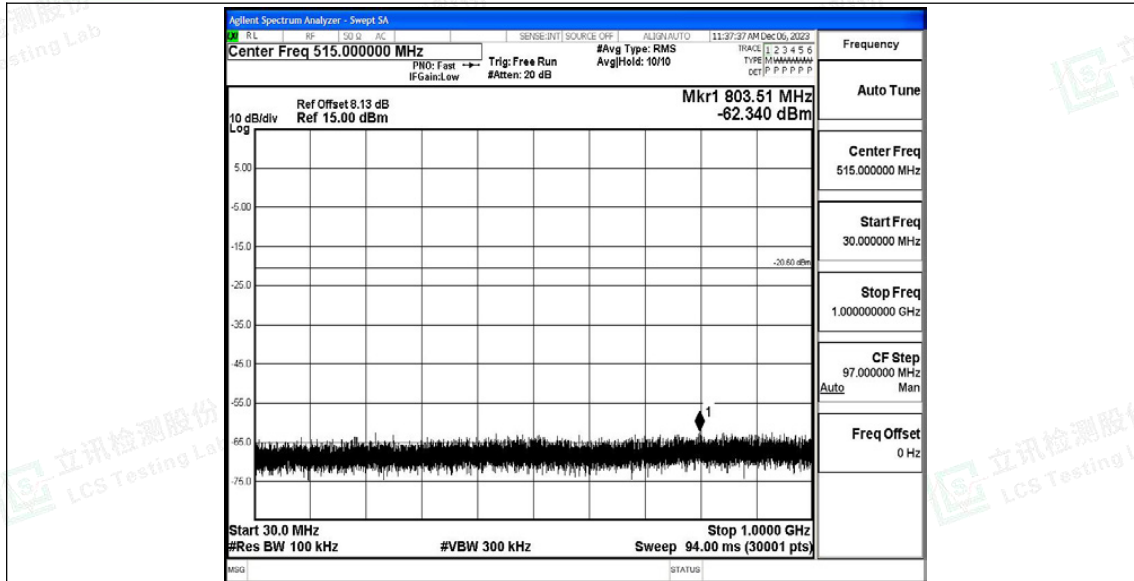


DH5_Ant1_2441_0~Reference

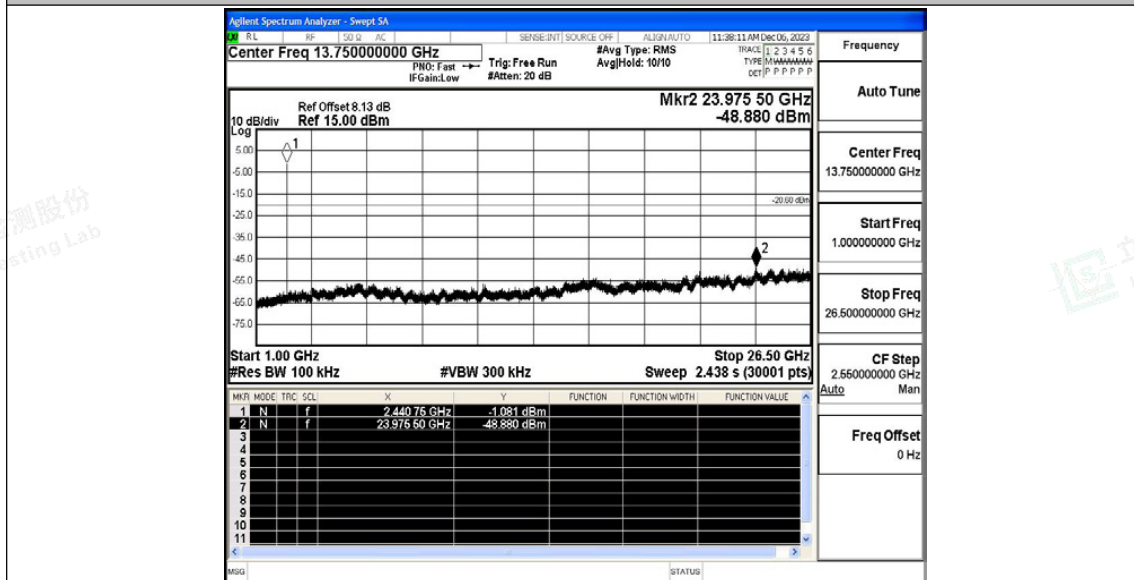


DH5_Ant1_2441_30~1000





DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference

