



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet device

Test Model: Sundial

Environmental Conditions

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



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Scan code to check authenticity



A.1 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.972	2401.535	2402.507	---	---
		2441	0.963	2440.544	2441.507	---	---
		2480	0.960	2479.544	2480.504	---	---
2DH5	Ant1	2402	1.290	2401.364	2402.654	---	---
		2441	1.353	2440.322	2441.675	---	---
		2480	1.338	2479.328	2480.666	---	---
3DH5	Ant1	2402	1.299	2401.349	2402.648	---	---
		2441	1.305	2440.349	2441.654	---	---
		2480	1.305	2479.346	2480.651	---	---

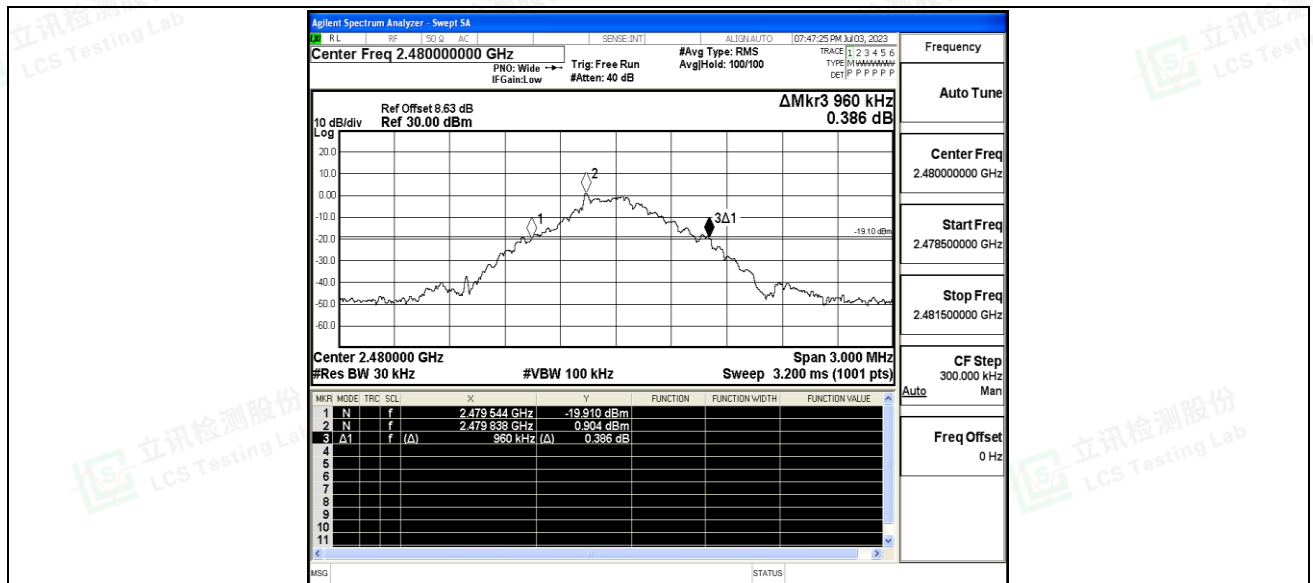


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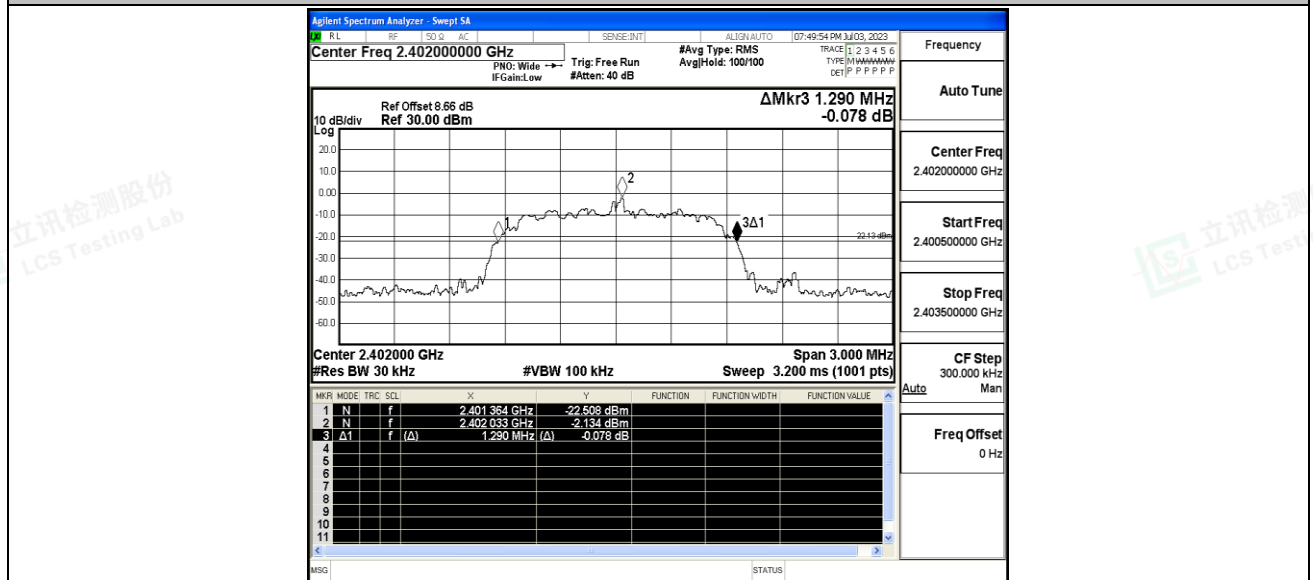


Test Graphs



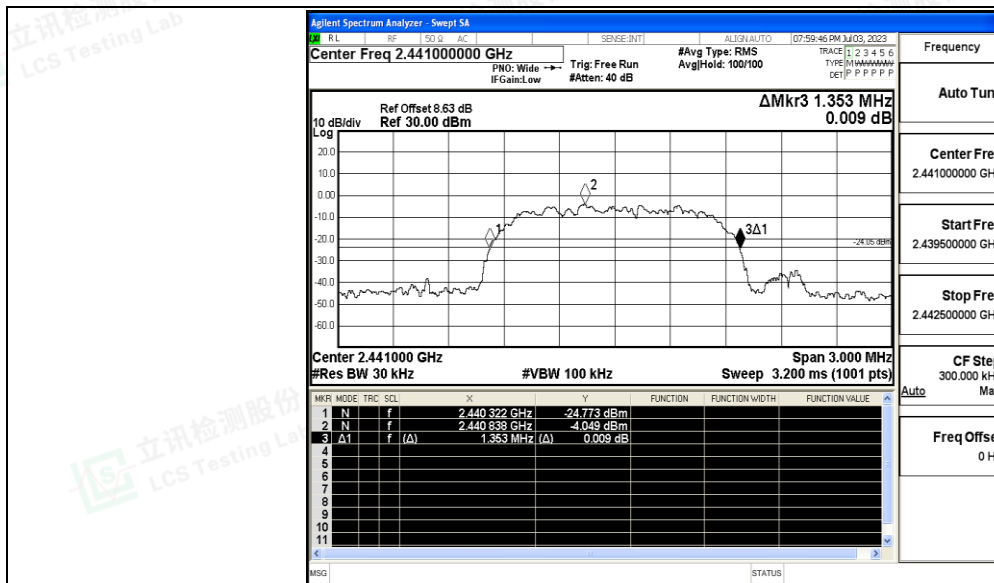


2DH5_Ant1_2402

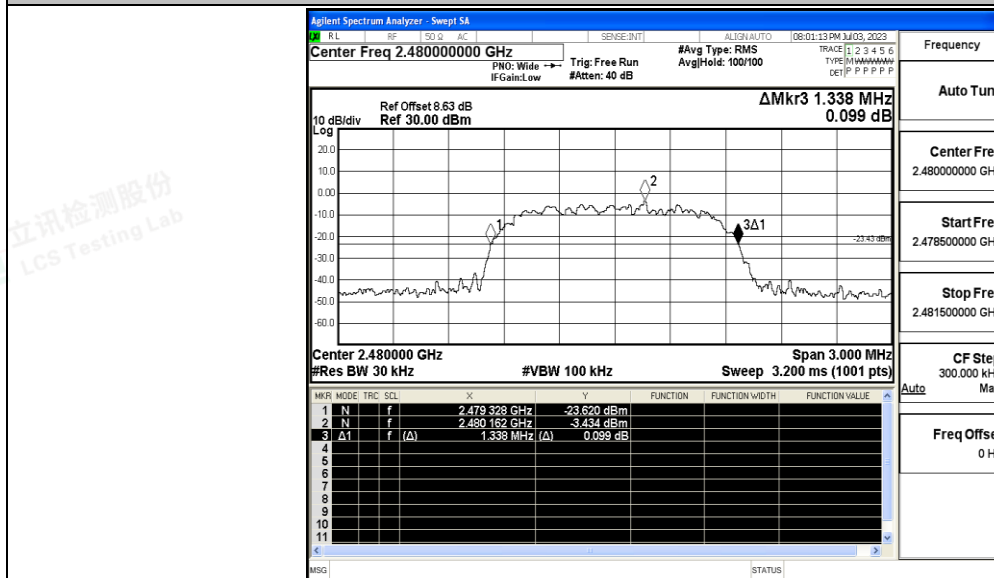


2DH5_Ant1_2441



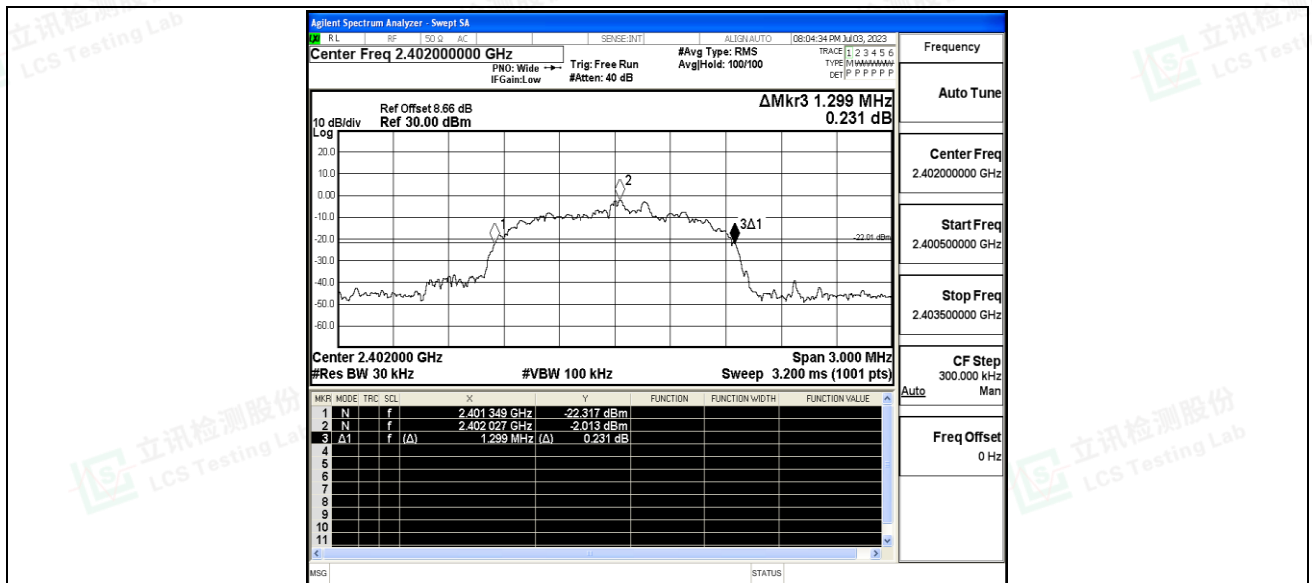


2DH5_Ant1_2480

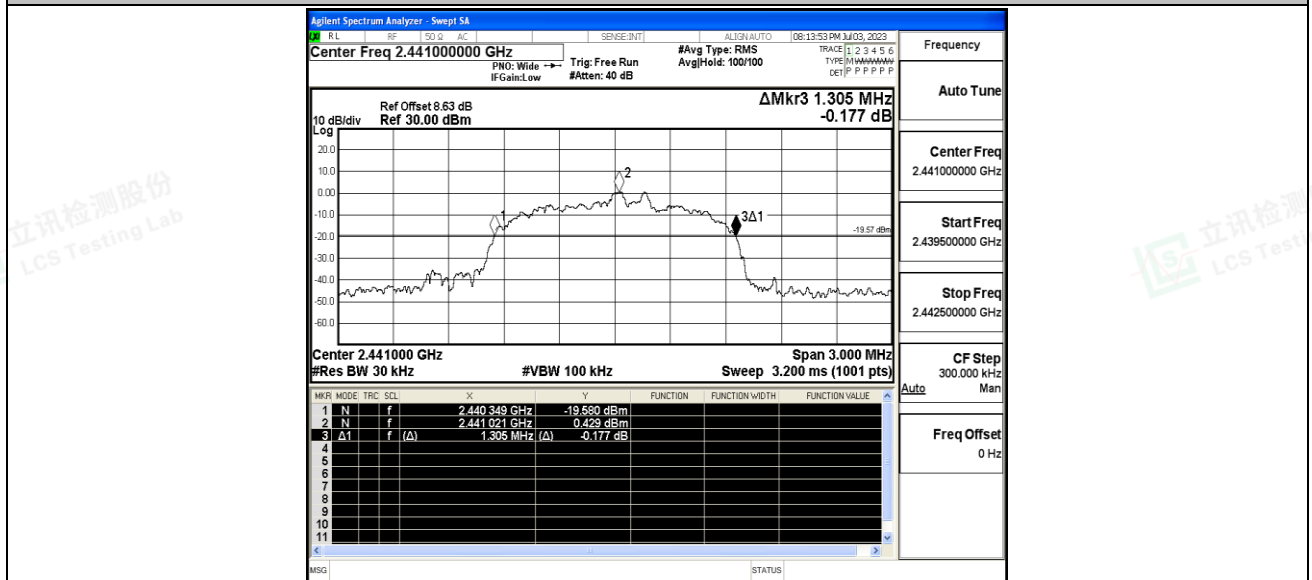


3DH5_Ant1_2402



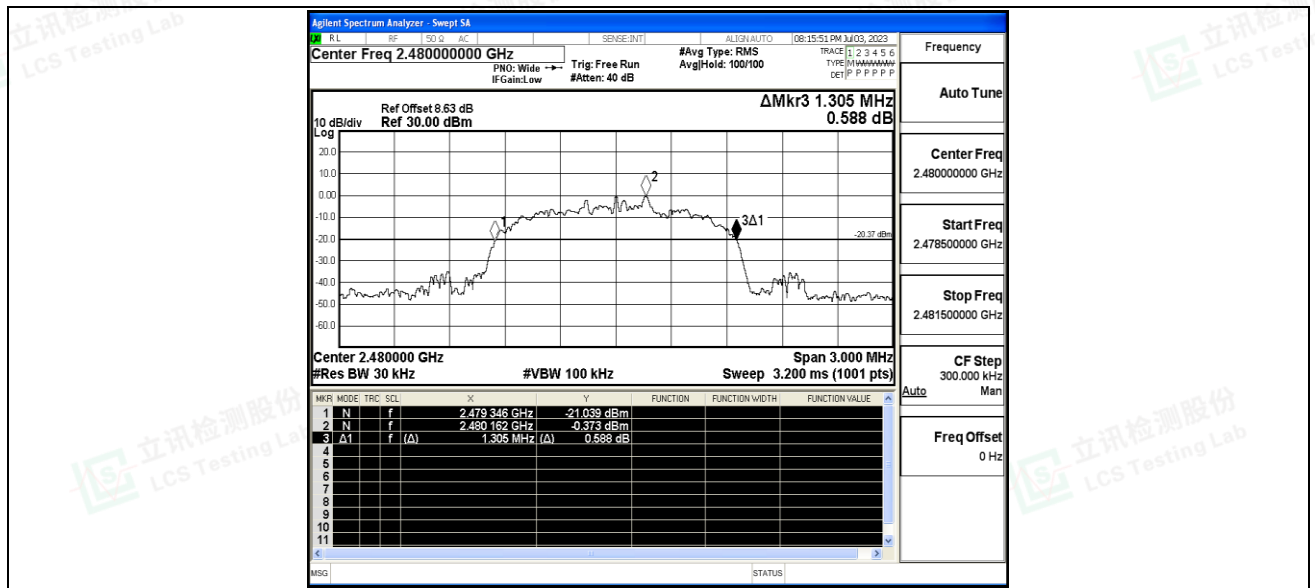


3DH5_Ant1_2441



3DH5_Ant1_2480





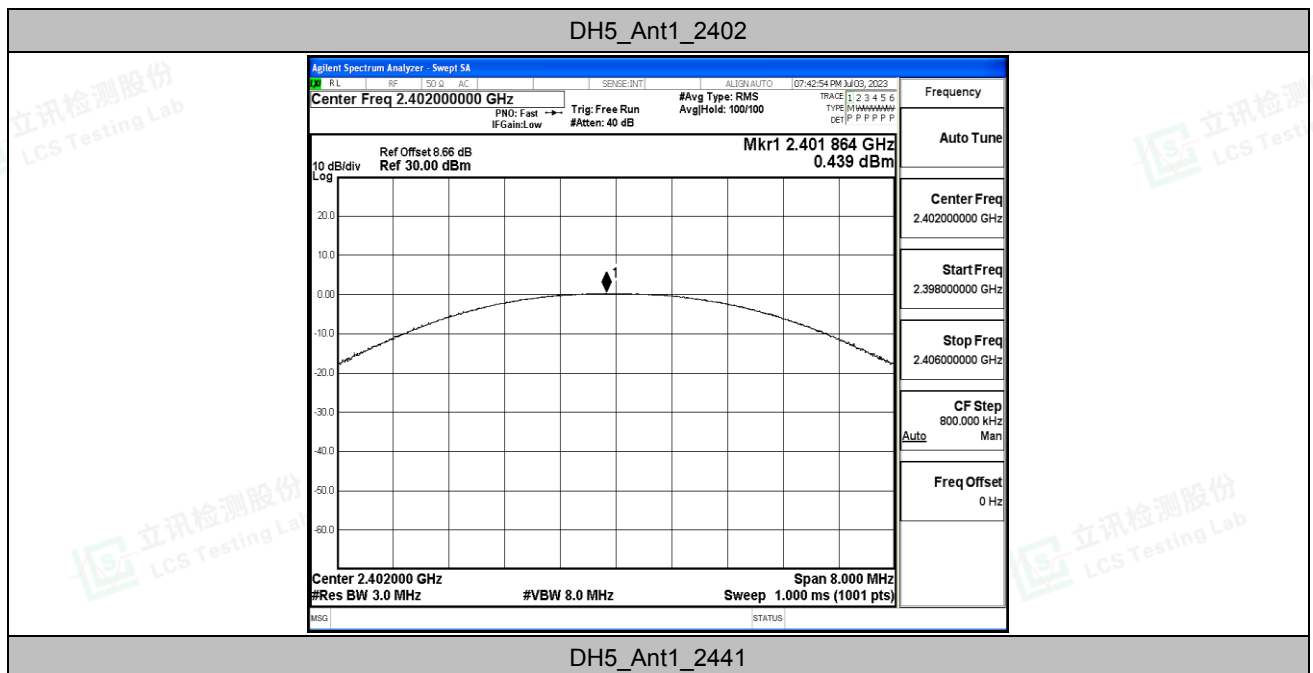


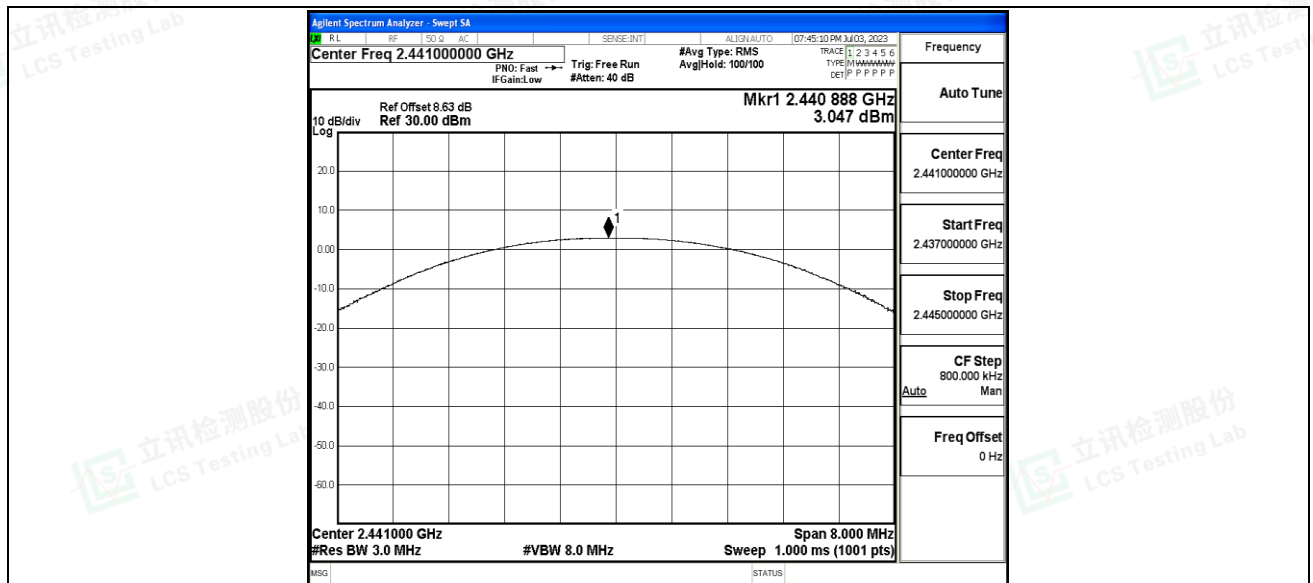
A.2 Maximum conducted output power

Test Result Peak

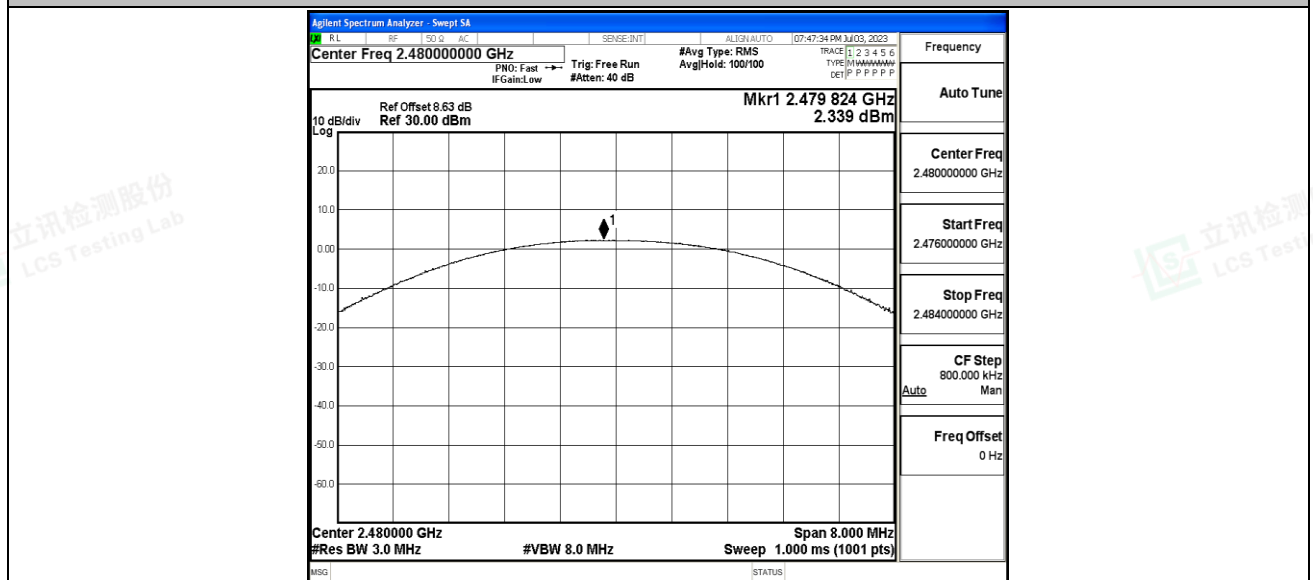
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.44	≤21	PASS
		2441	3.05	≤21	PASS
		2480	2.34	≤21	PASS
2DH5	Ant1	2402	2.09	≤21	PASS
		2441	4.78	≤21	PASS
		2480	3.92	≤21	PASS
3DH5	Ant1	2402	2.43	≤21	PASS
		2441	4.99	≤21	PASS
		2480	3.99	≤21	PASS

Test Graphs



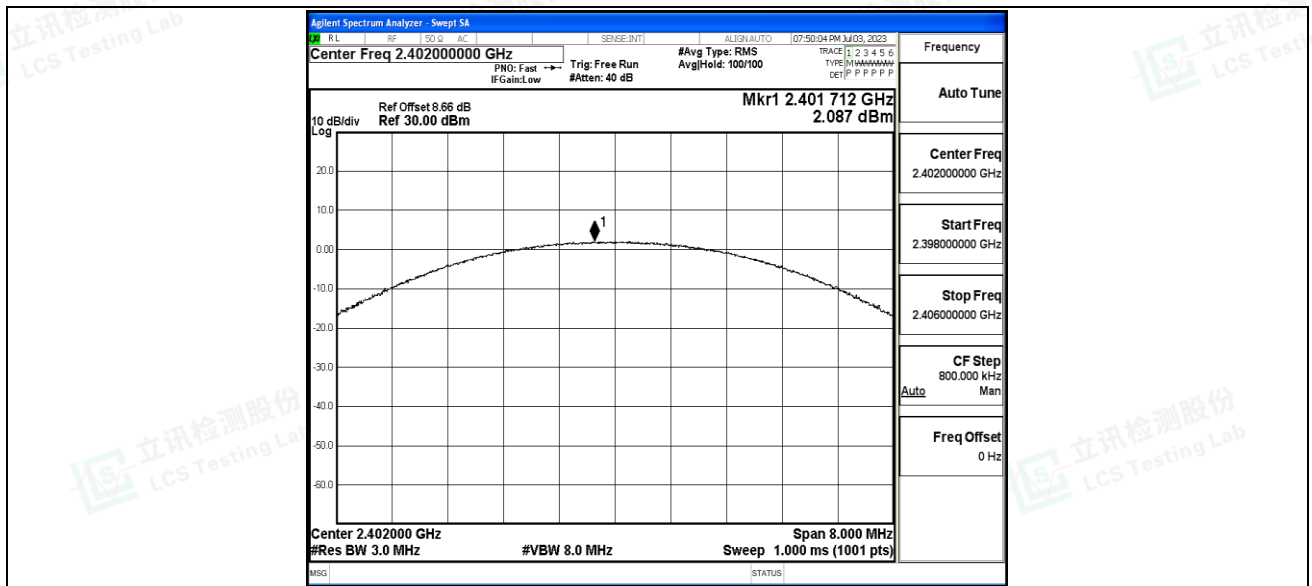


DH5_Ant1_2480

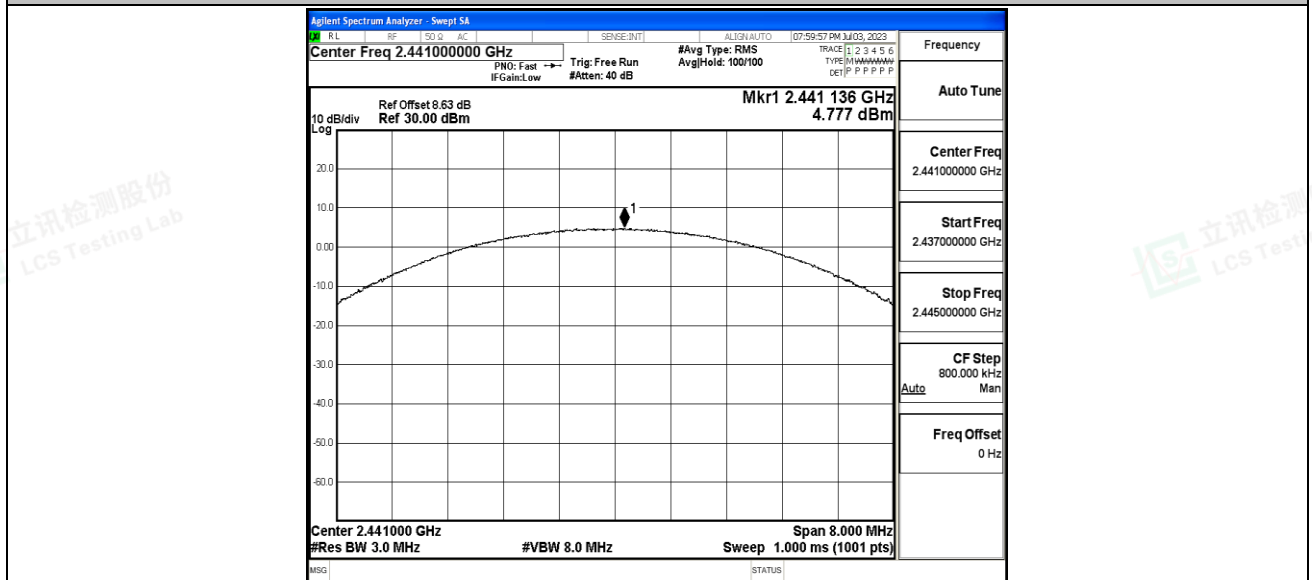


2DH5_Ant1_2402



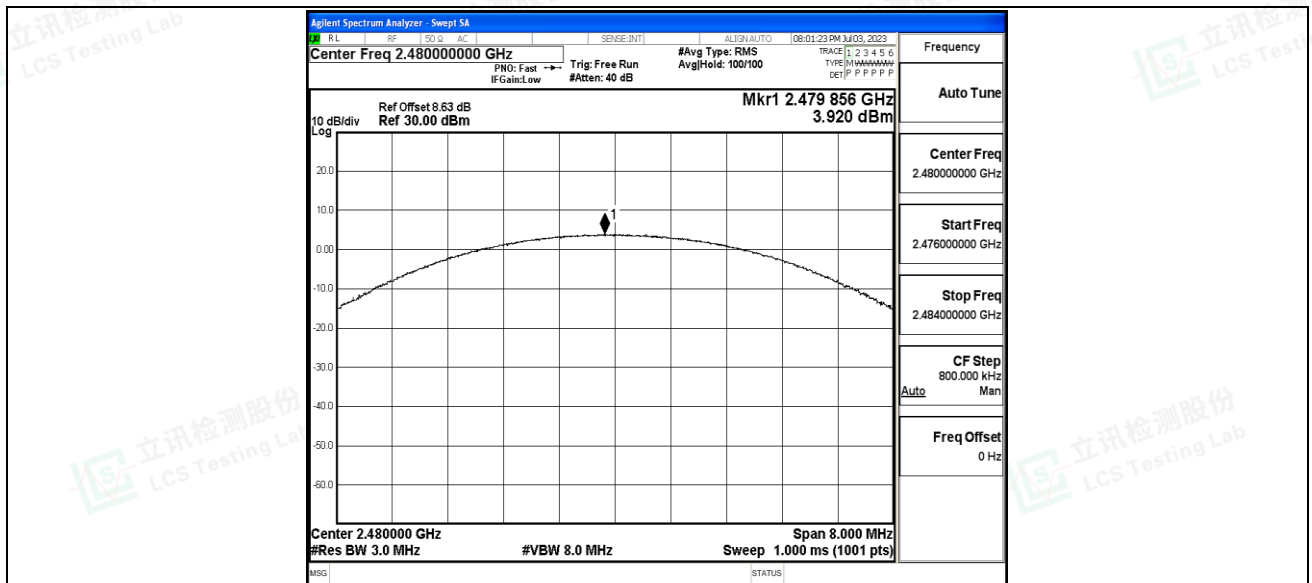


2DH5_Ant1_2441

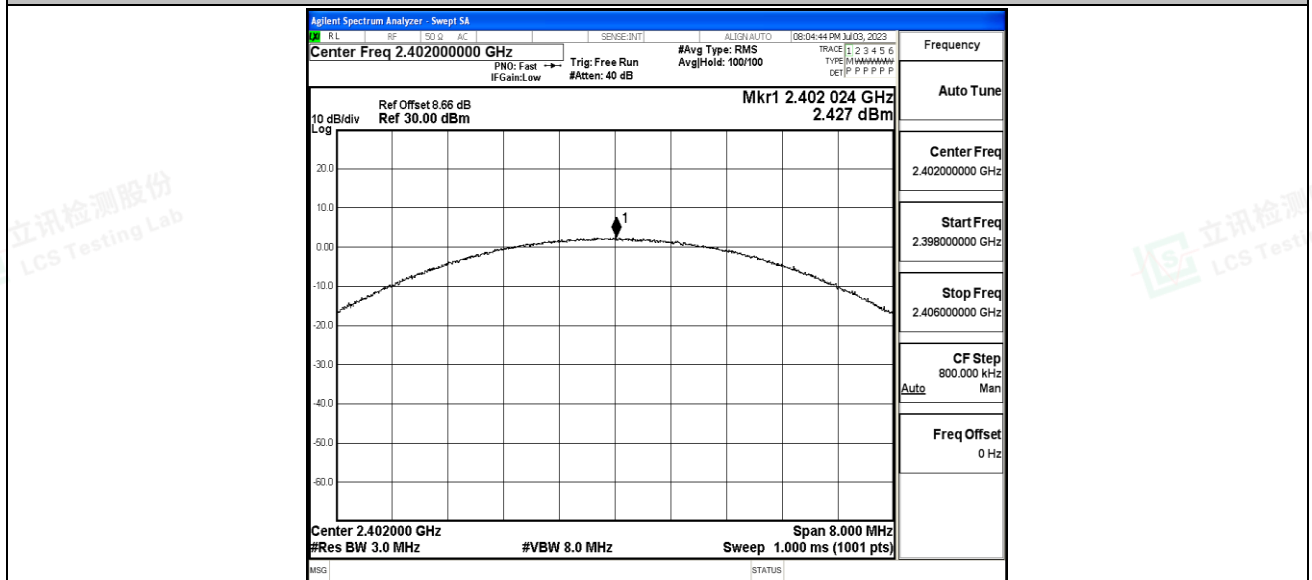


2DH5_Ant1_2480



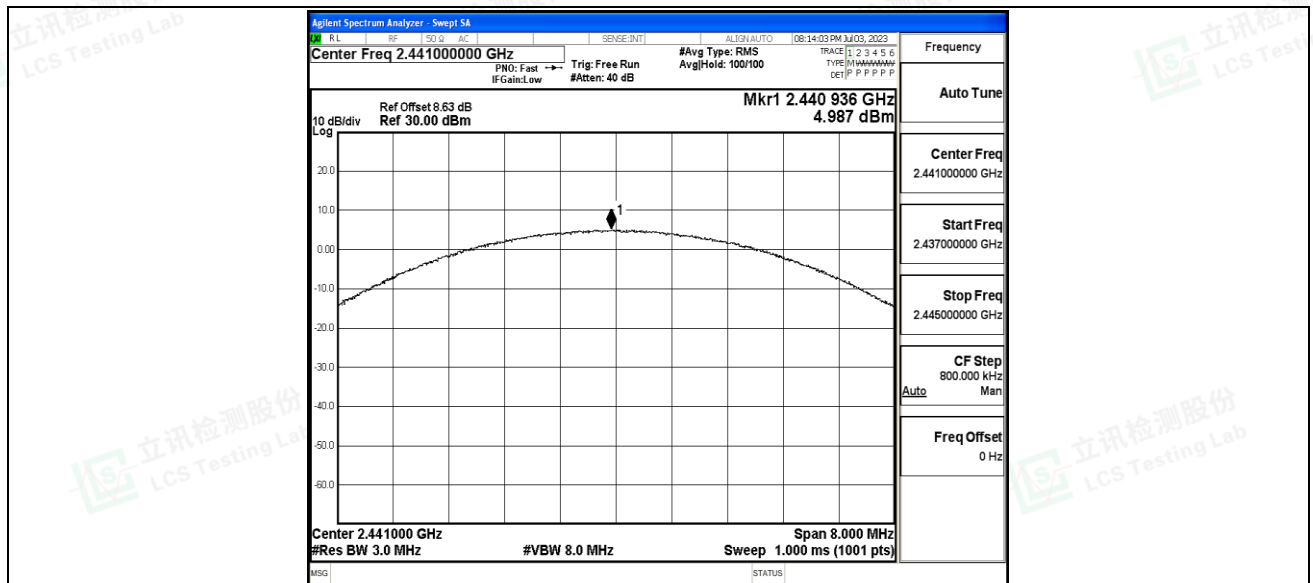


3DH5_Ant1_2402

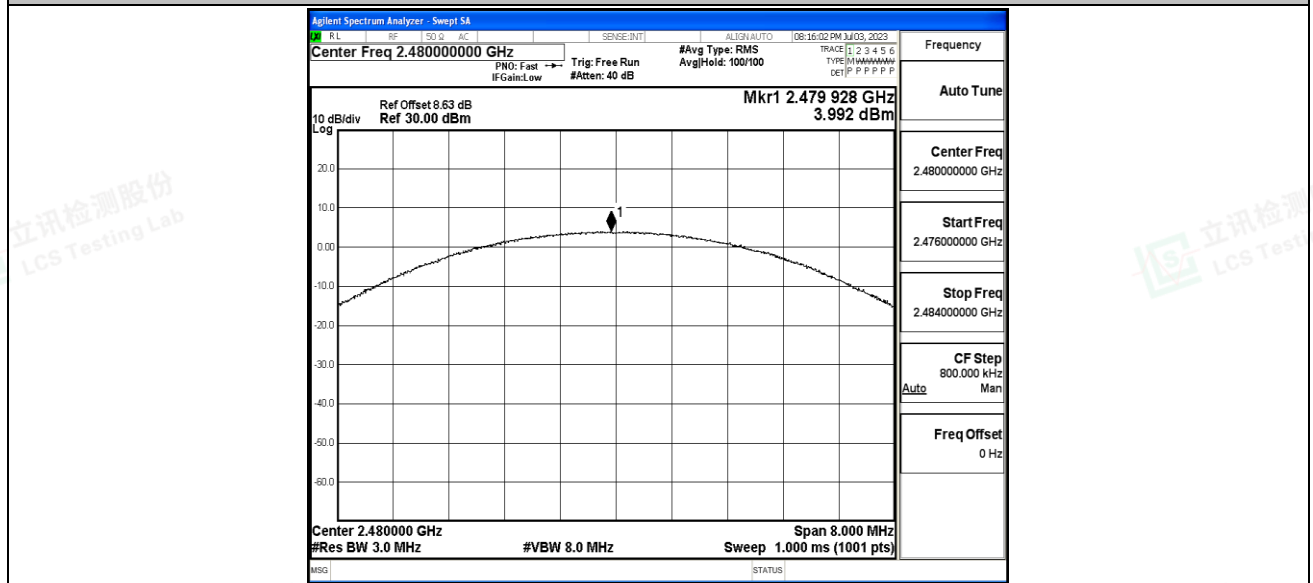


3DH5_Ant1_2441





3DH5_Ant1_2480





A.3 Carrier frequency separation

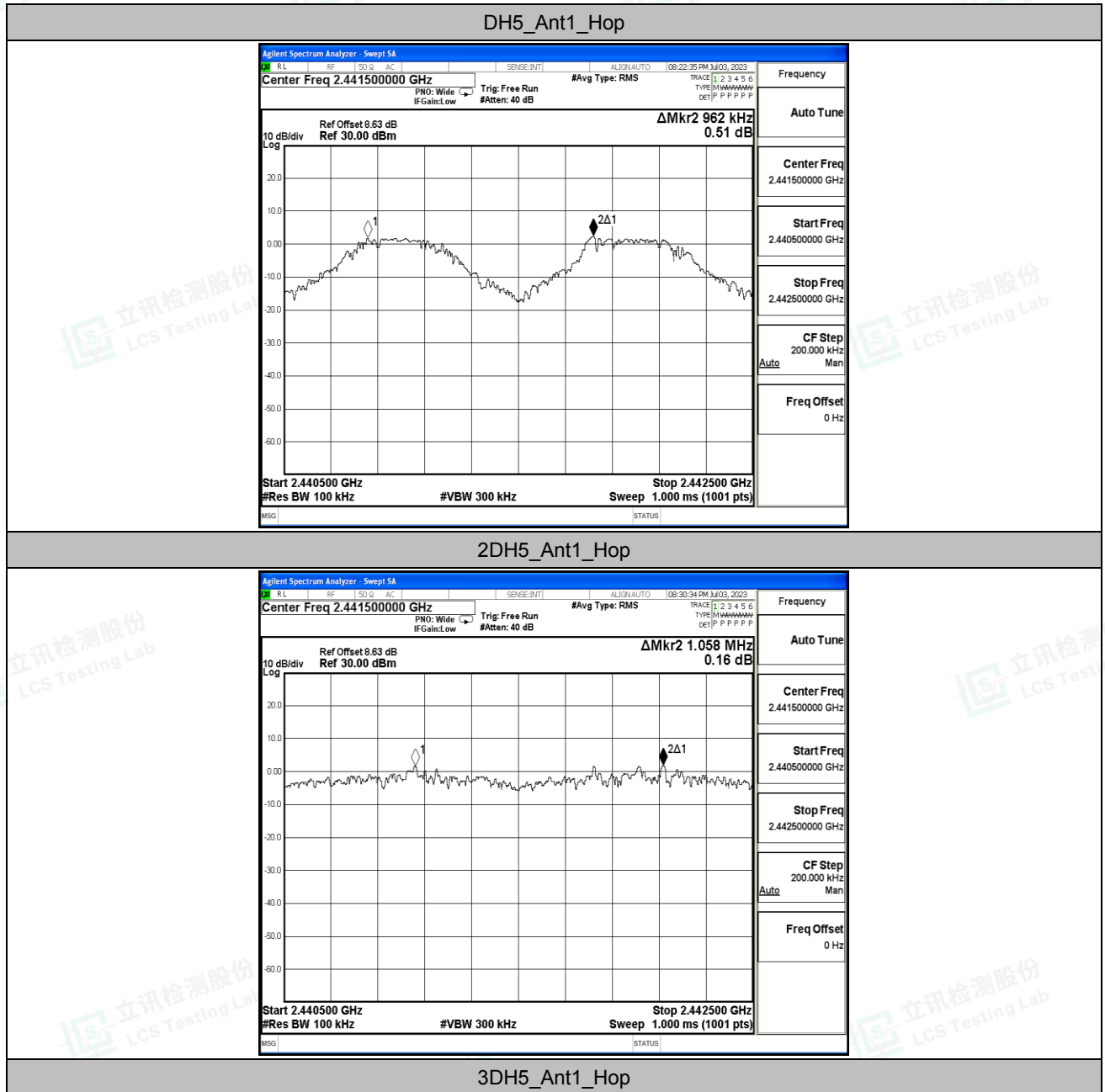
Test Result

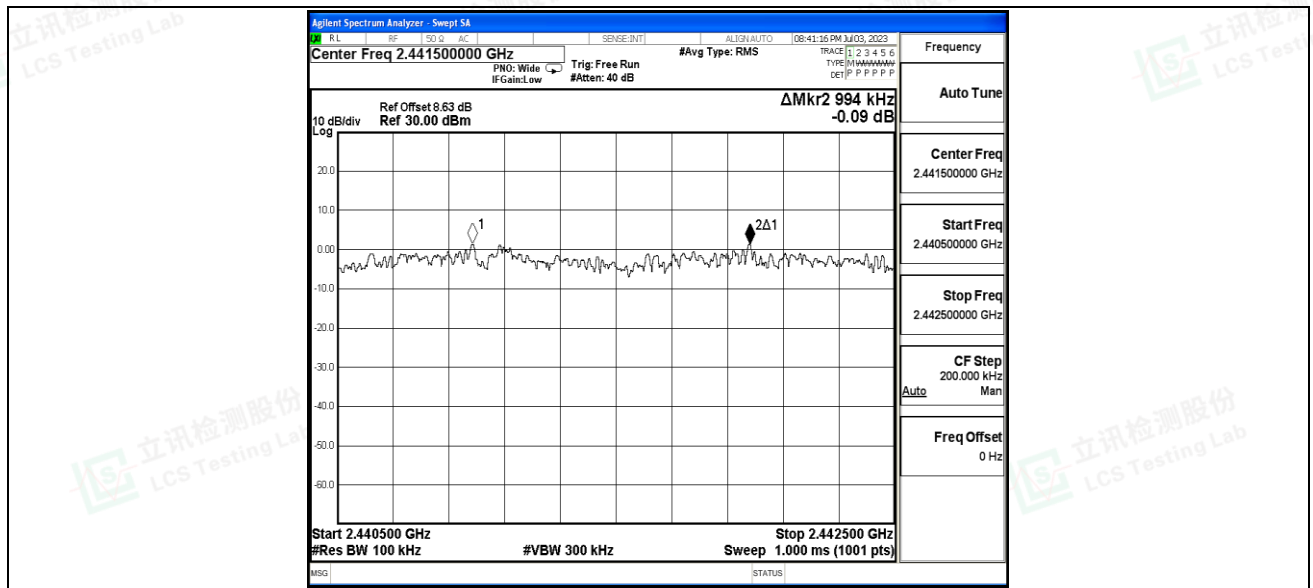
TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.962	≥ 0.648	PASS
2DH5	Ant1	Hop	1.058	≥ 0.902	PASS
3DH5	Ant1	Hop	0.994	≥ 0.870	PASS





Test Graphs







A.4 Time of occupancy

Test Result

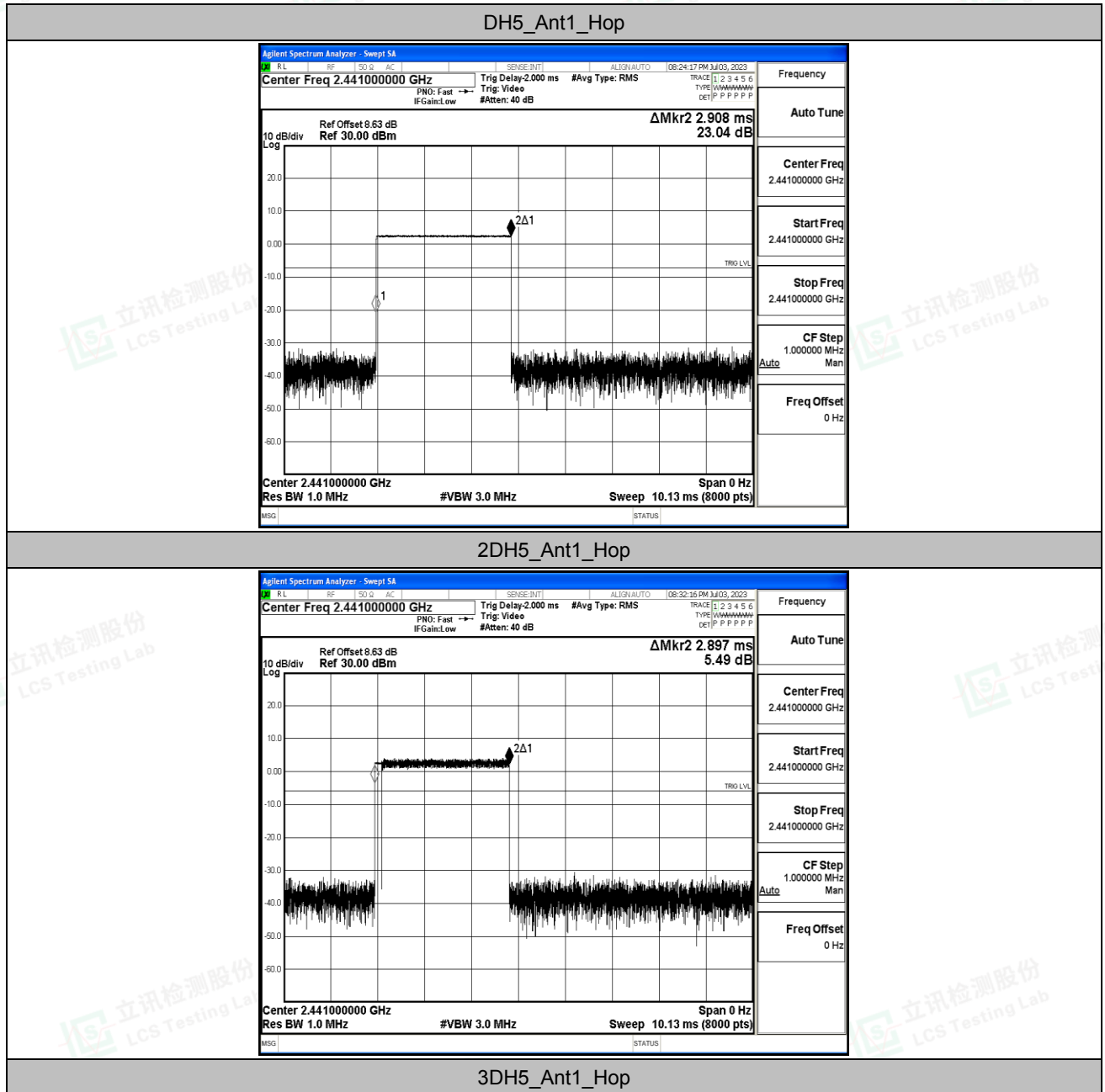
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.908	106.67	0.31	≤0.4	PASS
2DH5	Ant1	Hop	2.897	106.67	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.896	106.67	0.309	≤0.4	PASS

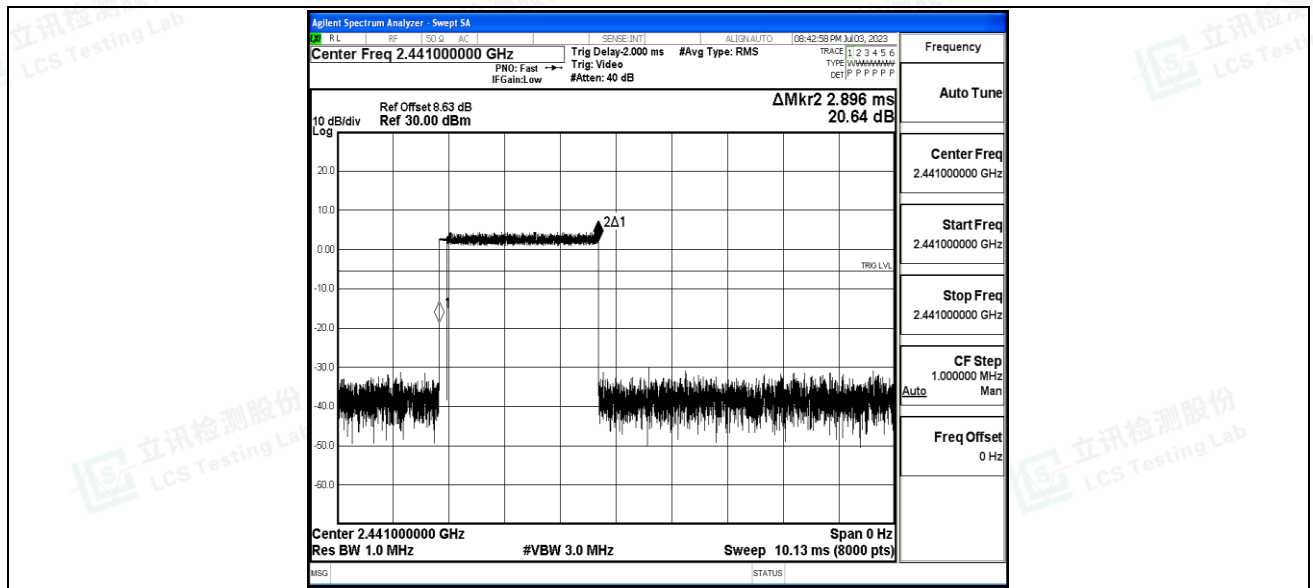


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Test Graphs







A.5 Number of hopping channels

Test Result

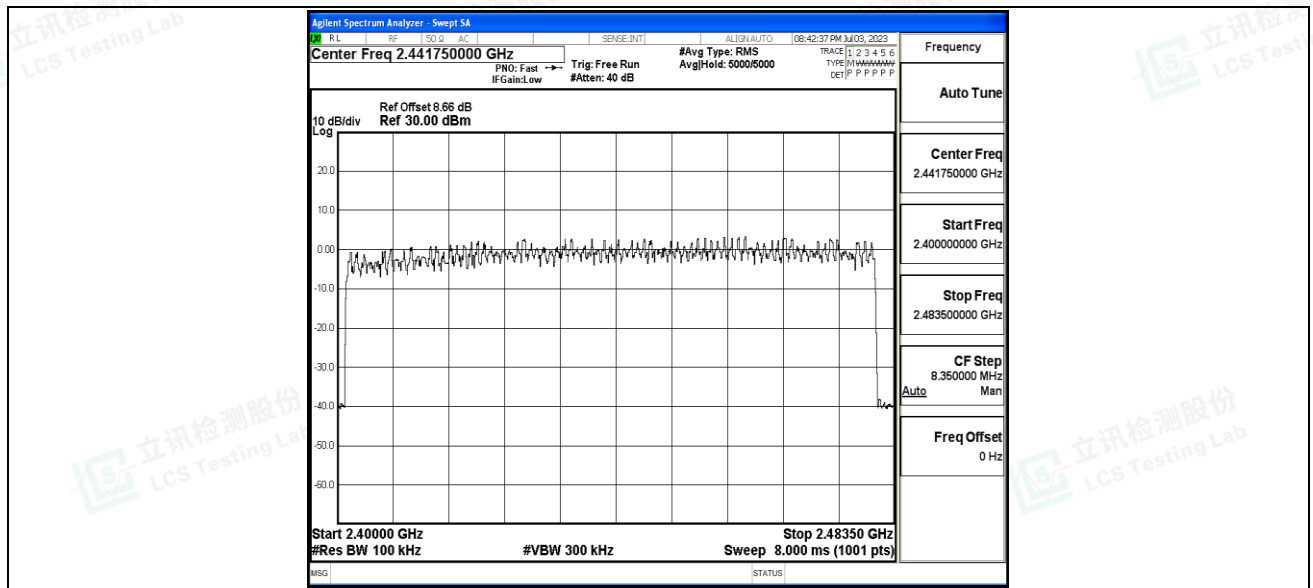
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

Test Result

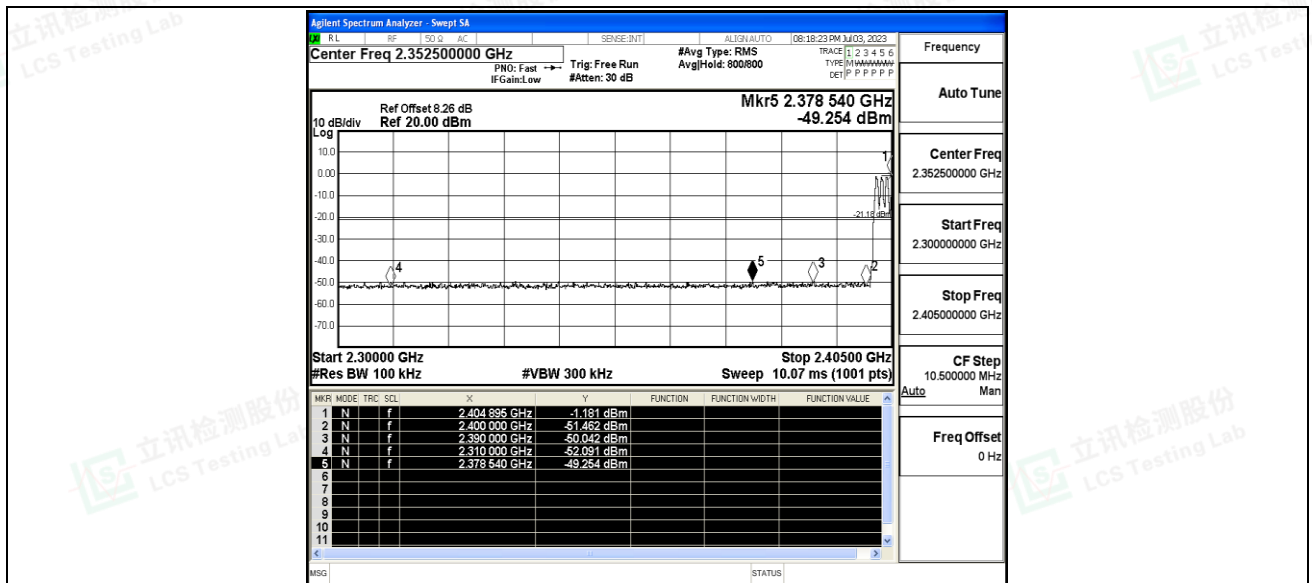
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.71	-49.29	≤ -20.71	PASS
		High	2480	1.33	-48.98	≤ -18.67	PASS
		Low	Hop_2402	-1.18	-49.25	≤ -21.18	PASS
		High	Hop_2480	2.17	-47.99	≤ -17.83	PASS
2DH5	Ant1	Low	2402	-3.14	-48.51	≤ -23.14	PASS
		High	2480	-1.73	-49.19	≤ -21.73	PASS
		Low	Hop_2402	-1.00	-49.38	≤ -21	PASS
		High	Hop_2480	0.66	-48.08	≤ -19.35	PASS
3DH5	Ant1	Low	2402	-1.92	-49.47	≤ -21.92	PASS
		High	2480	-0.01	-49.21	≤ -20.01	PASS
		Low	Hop_2402	-0.58	-49.41	≤ -20.58	PASS
		High	Hop_2480	0.41	-48.01	≤ -19.59	PASS



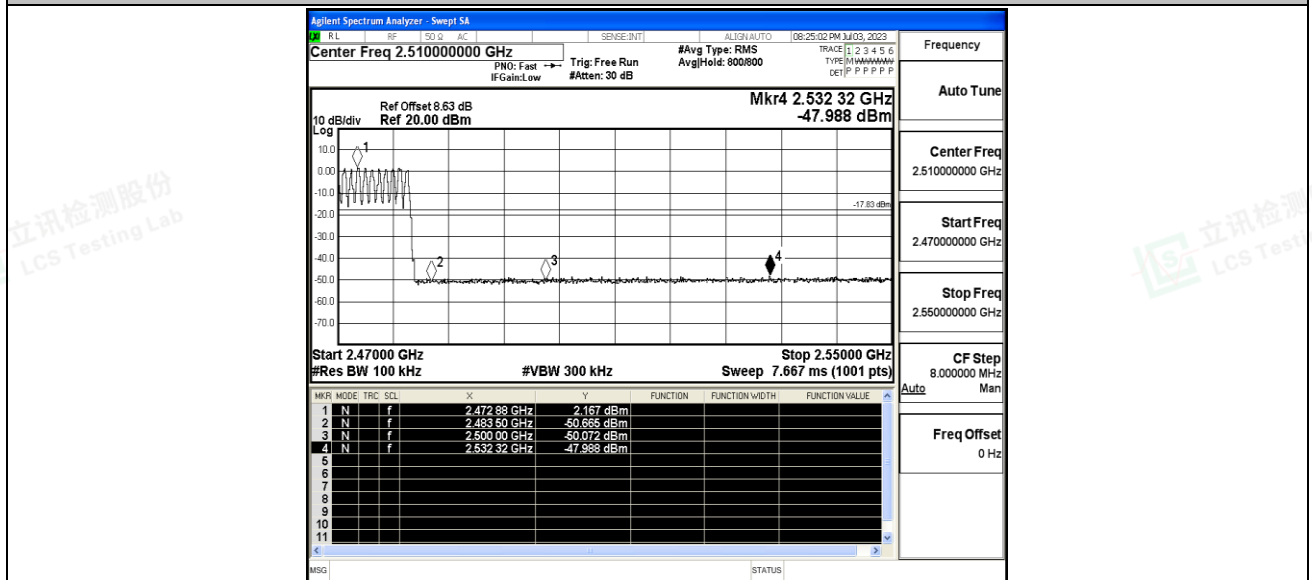


Test Graphs



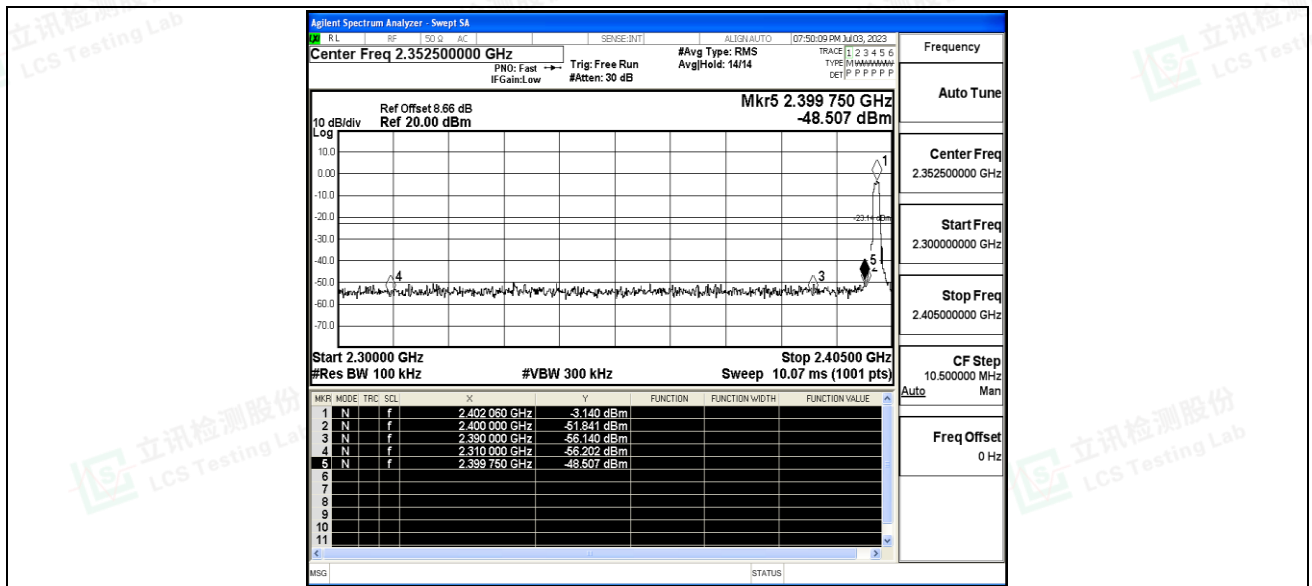


DH5_Ant1_High_Hop_2480

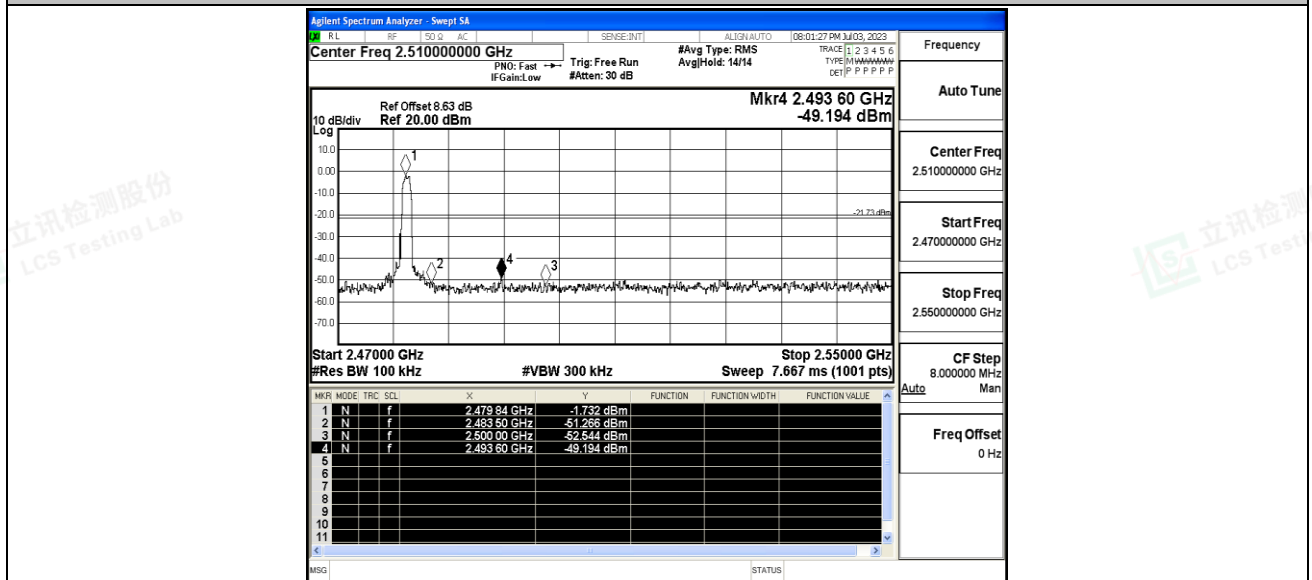


2DH5_Ant1_Low_2402



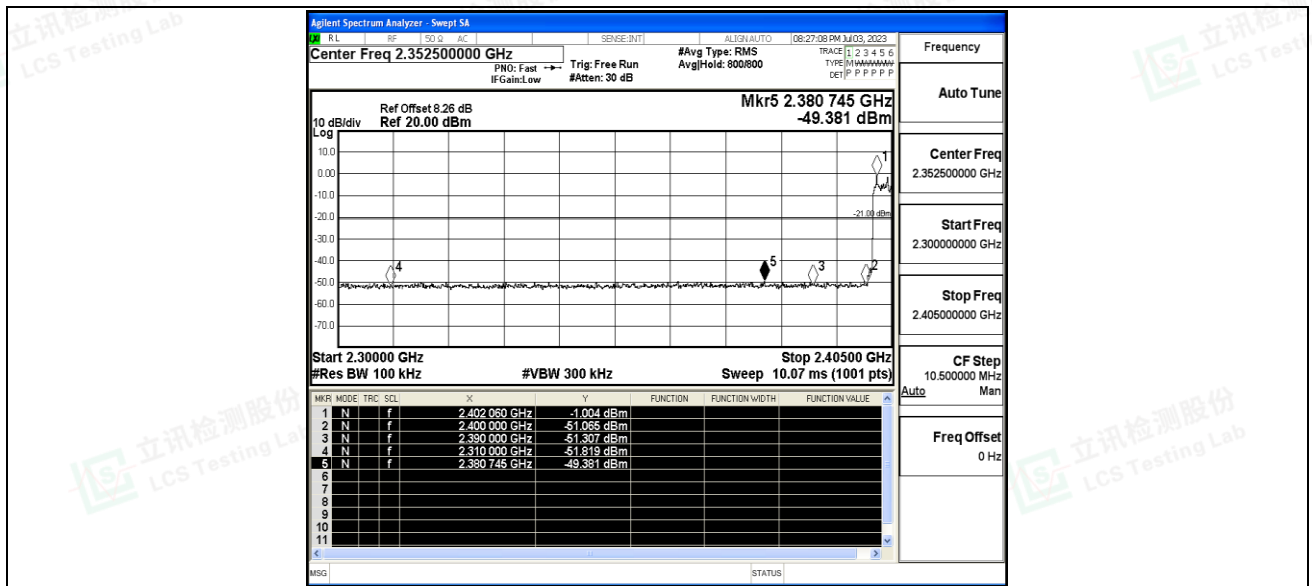


2DH5_Ant1_High_2480

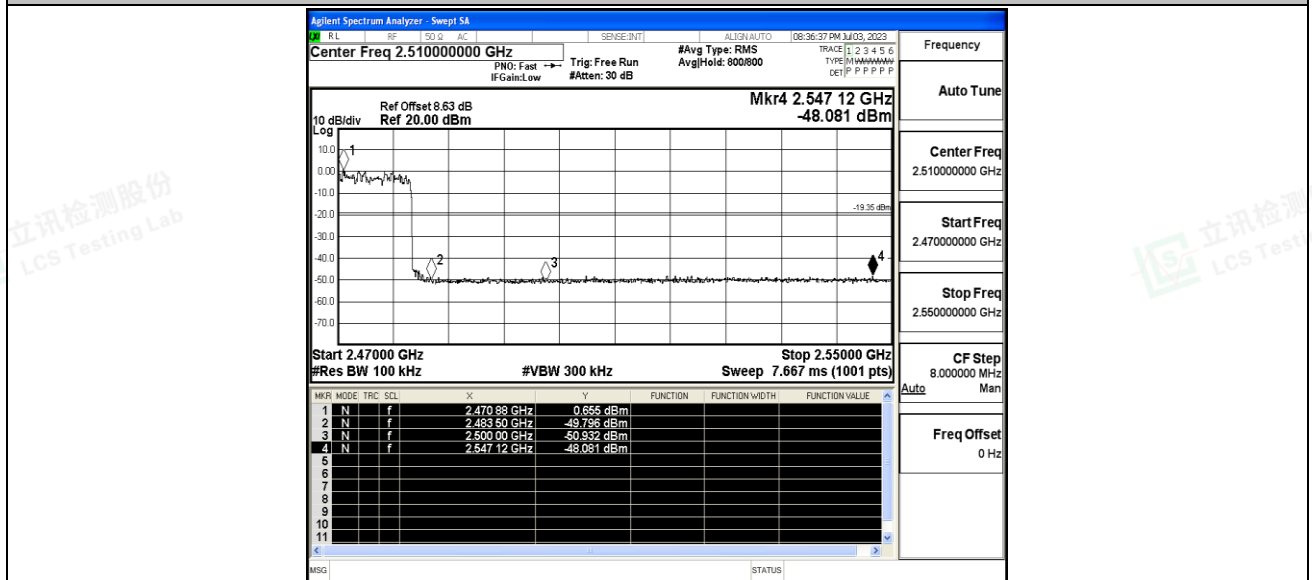


2DH5_Ant1_Low_Hop_2402



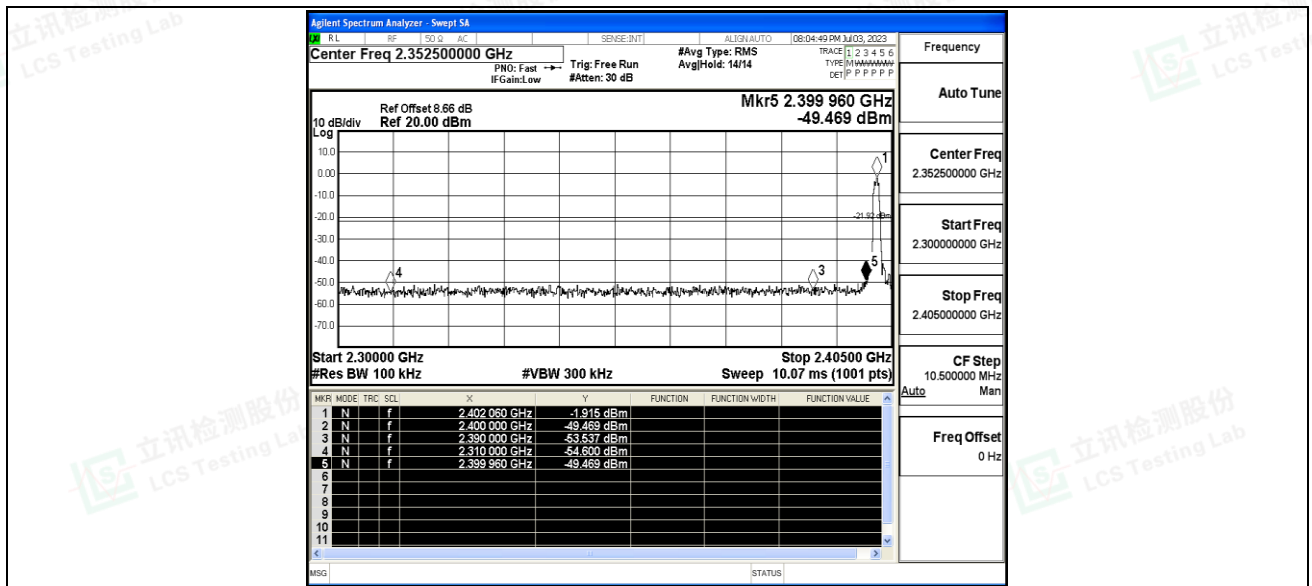


2DH5_Ant1_High_Hop_2480

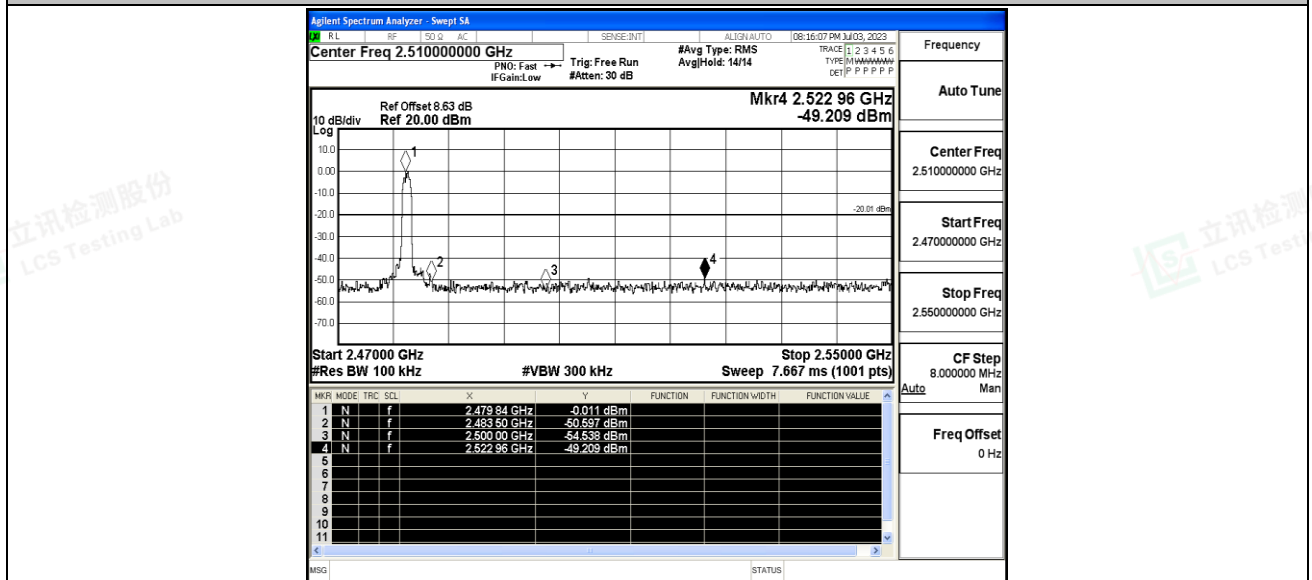


3DH5_Ant1_Low_2402



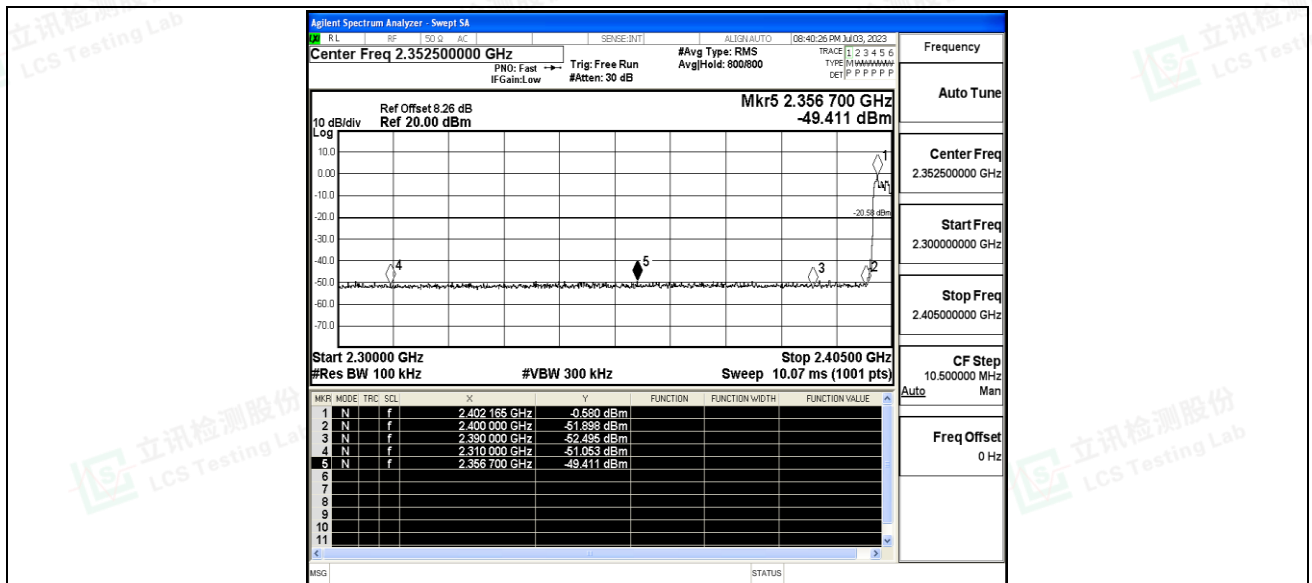


3DH5_Ant1_High_2480

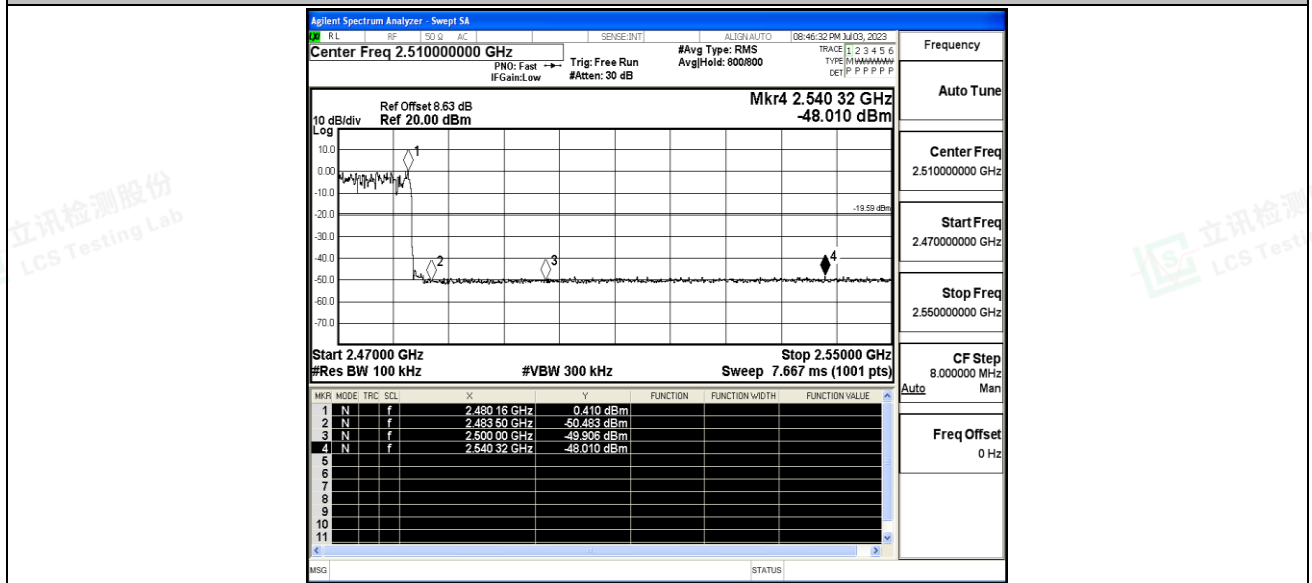


3DH5_Ant1_Low_Hop_2402





3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

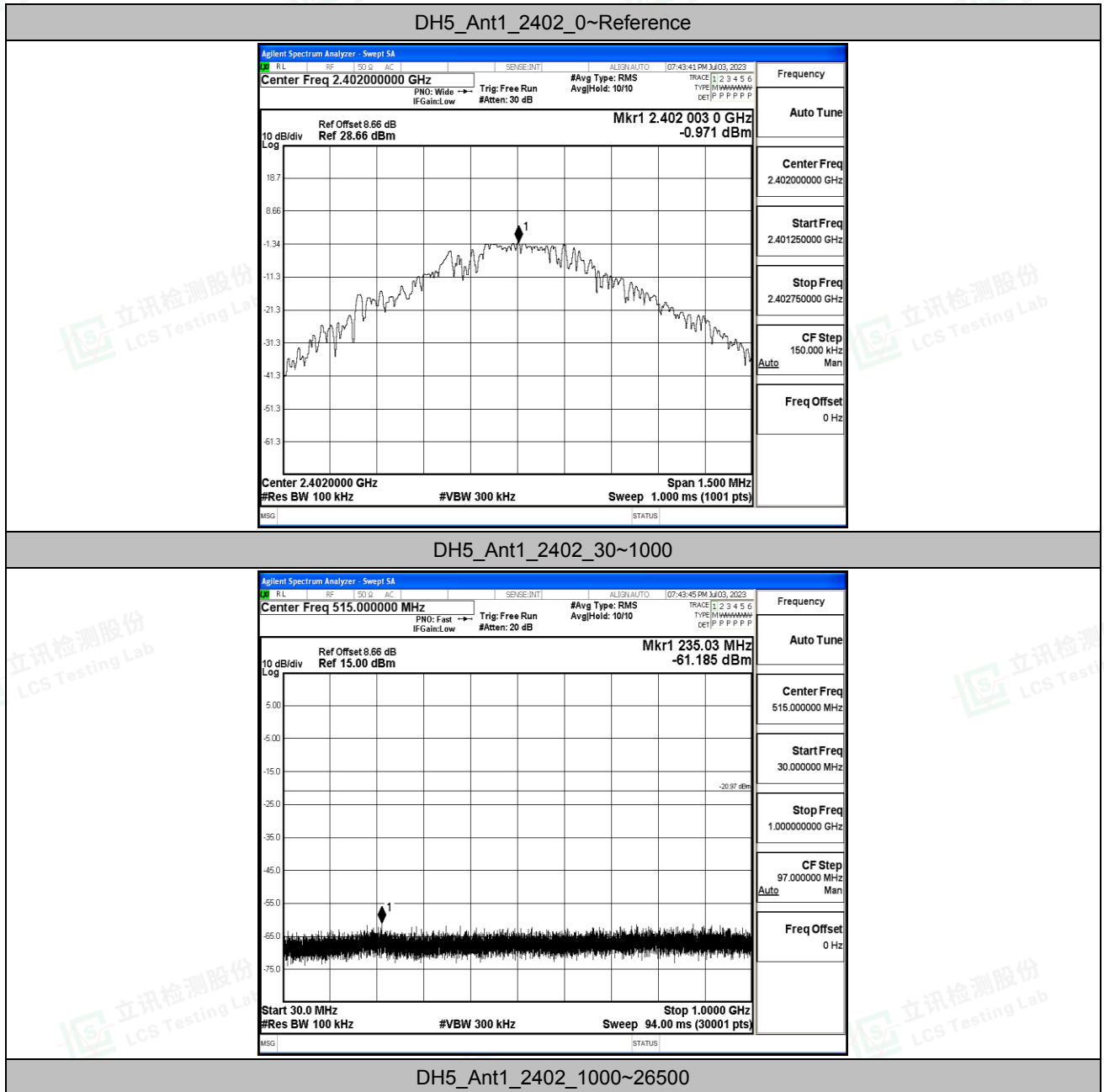
Test Result

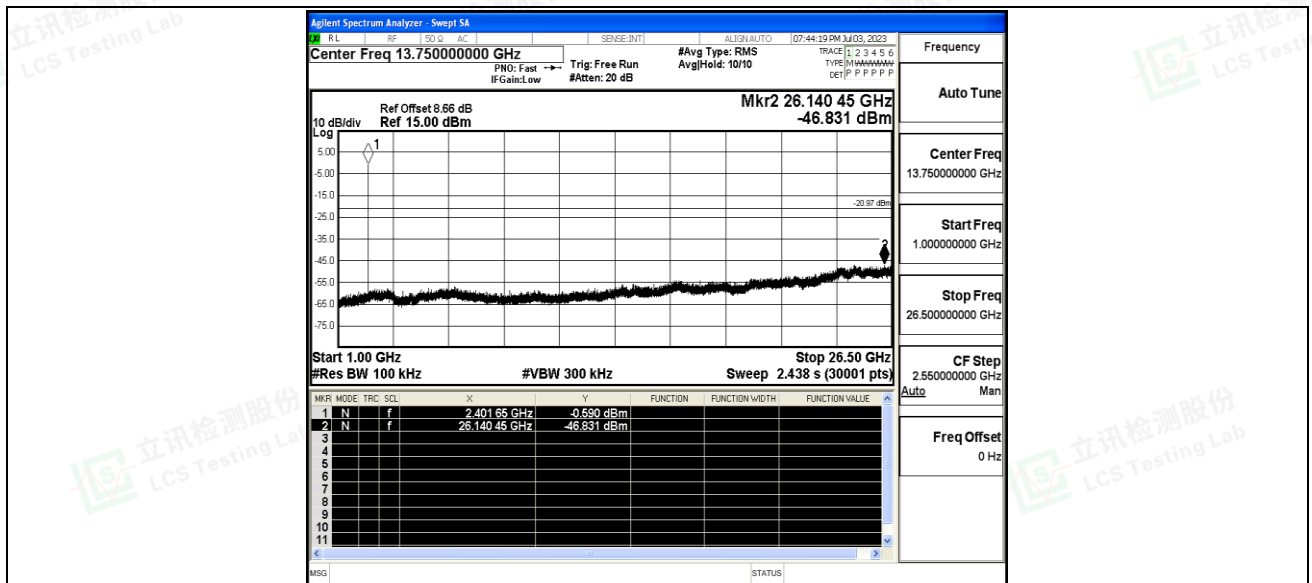
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.97	-0.97	---	PASS
			30~1000	-0.97	-61.19	≤ -20.97	PASS
			1000~26500	-0.97	-46.83	≤ -20.97	PASS
		2441	Reference	1.86	1.86	---	PASS
			30~1000	1.86	-60.74	≤ -18.14	PASS
			1000~26500	1.86	-46.54	≤ -18.14	PASS
		2480	Reference	1.07	1.07	---	PASS
			30~1000	1.07	-60.62	≤ -18.93	PASS
			1000~26500	1.07	-46.83	≤ -18.93	PASS
2DH5	Ant1	2402	Reference	-1.44	-1.44	---	PASS
			30~1000	-1.44	-60.88	≤ -21.44	PASS
			1000~26500	-1.44	-46.93	≤ -21.44	PASS
		2441	Reference	1.80	1.80	---	PASS
			30~1000	1.80	-61.24	≤ -18.2	PASS
			1000~26500	1.80	-47.11	≤ -18.2	PASS
		2480	Reference	-2.06	-2.06	---	PASS
			30~1000	-2.06	-60.88	≤ -22.06	PASS
			1000~26500	-2.06	-46.41	≤ -22.06	PASS
3DH5	Ant1	2402	Reference	-2.95	-2.95	---	PASS
			30~1000	-2.95	-61.11	≤ -22.95	PASS
			1000~26500	-2.95	-46.72	≤ -22.95	PASS
		2441	Reference	-0.65	-0.65	---	PASS
			30~1000	-0.65	-61.37	≤ -20.65	PASS
			1000~26500	-0.65	-46.39	≤ -20.65	PASS
		2480	Reference	-1.09	-1.09	---	PASS
			30~1000	-1.09	-60.85	≤ -21.09	PASS
			1000~26500	-1.09	-46.14	≤ -21.09	PASS



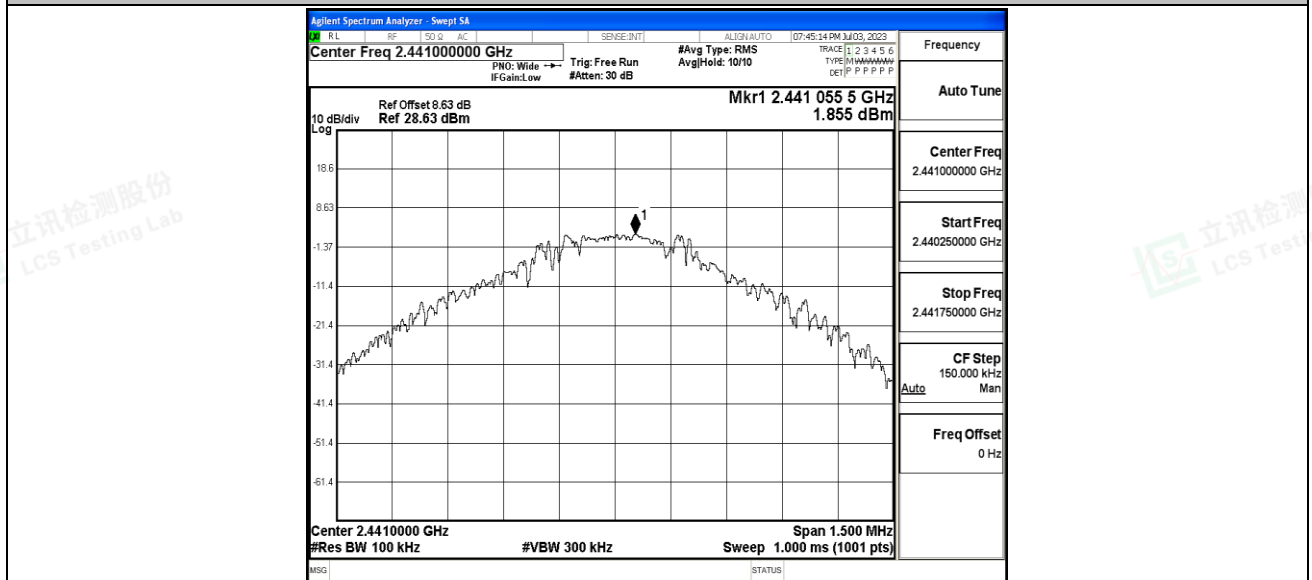


Test Graphs



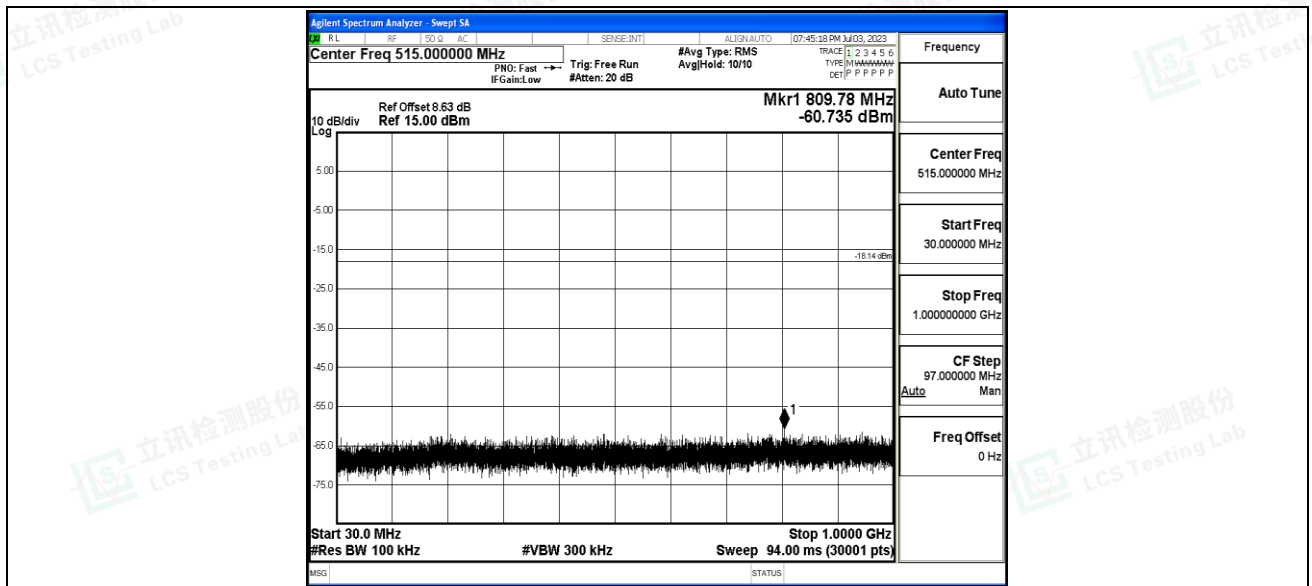


DH5_Ant1_2441_0~Reference

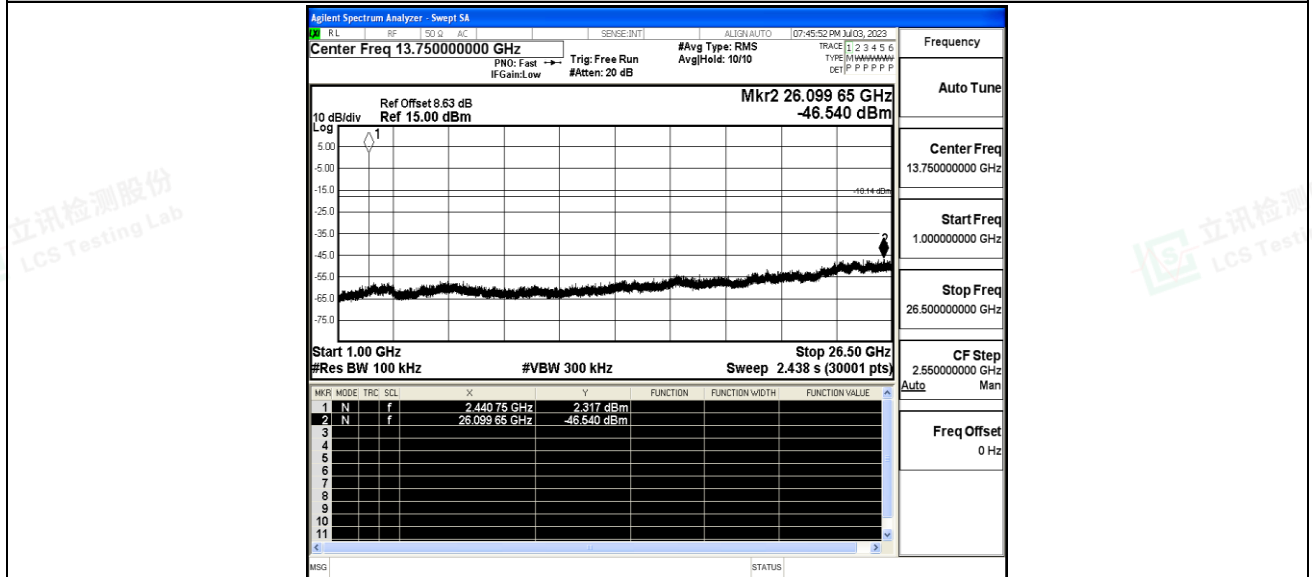


DH5_Ant1_2441_30~1000



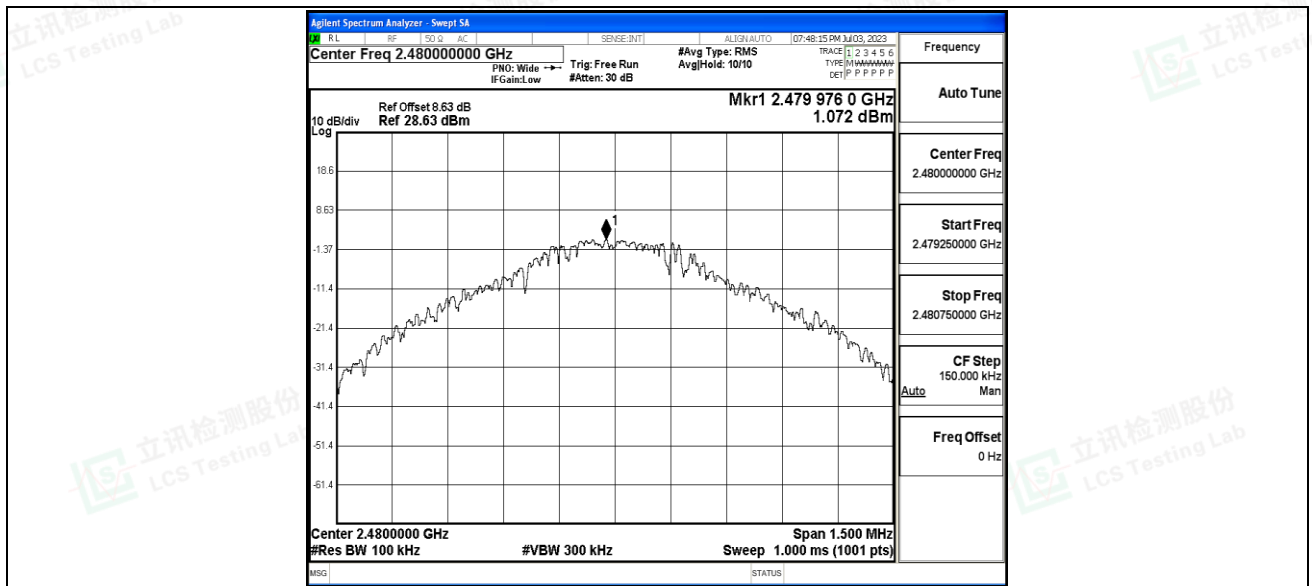


DH5_Ant1_2441_1000~26500

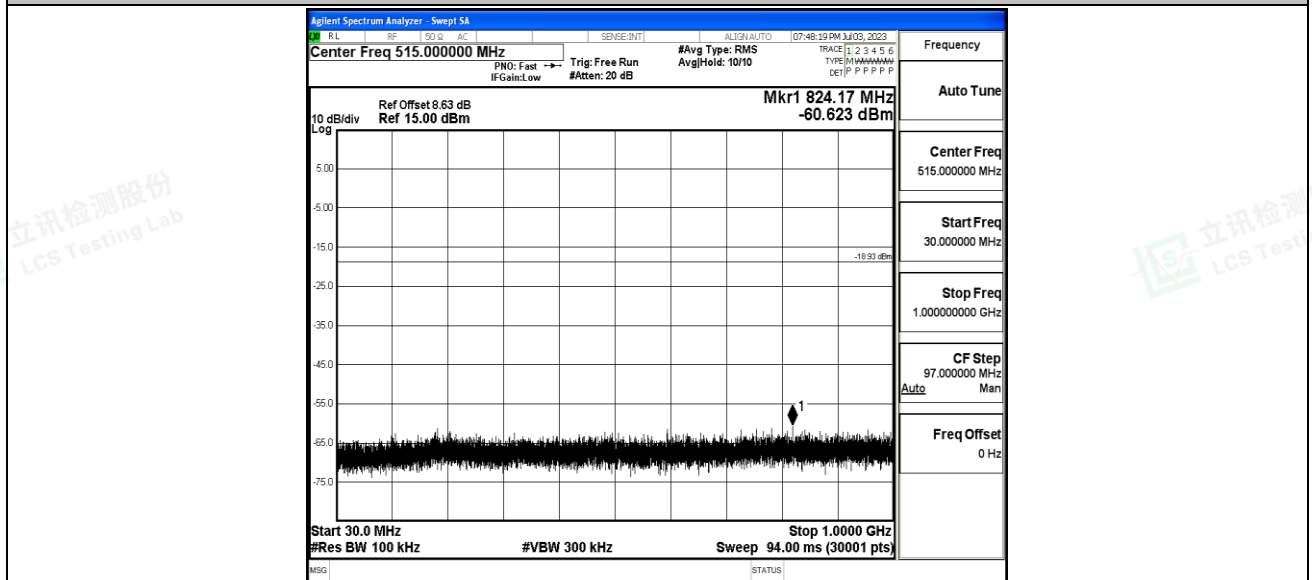


DH5_Ant1_2480_0~Reference



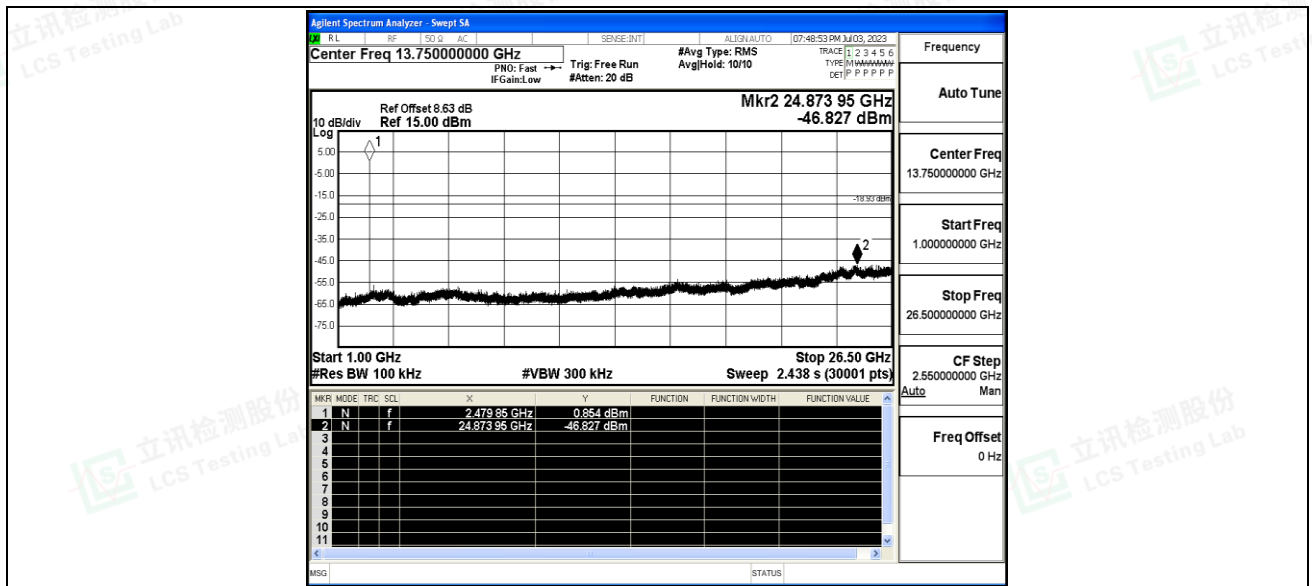


DH5_Ant1_2480_30~1000

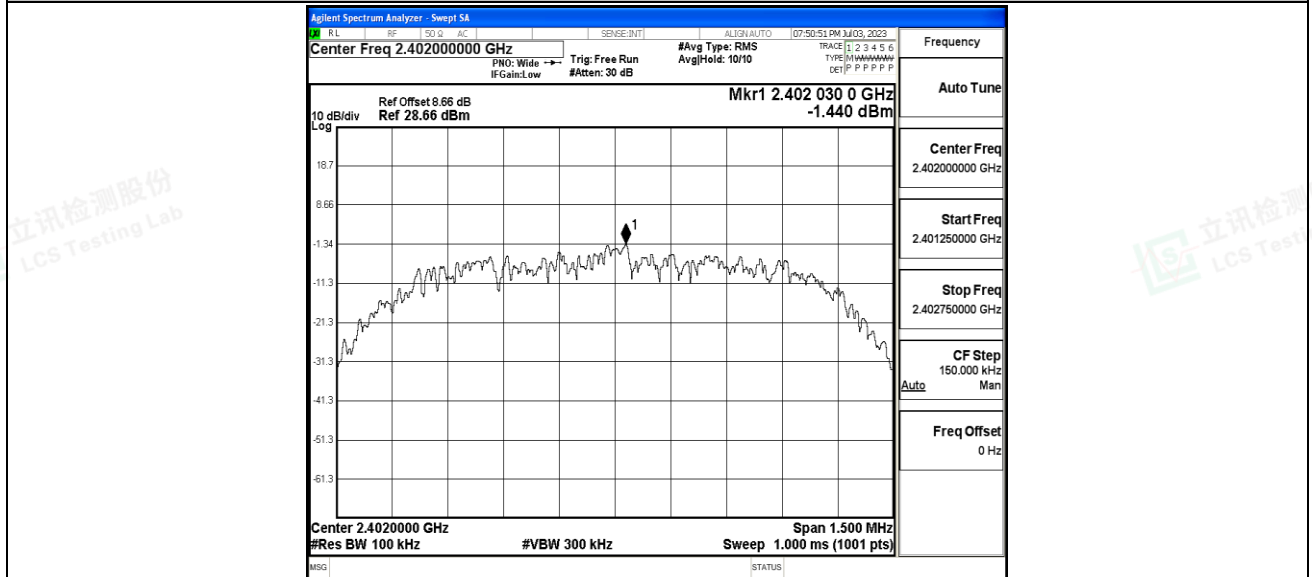


DH5_Ant1_2480_1000~26500



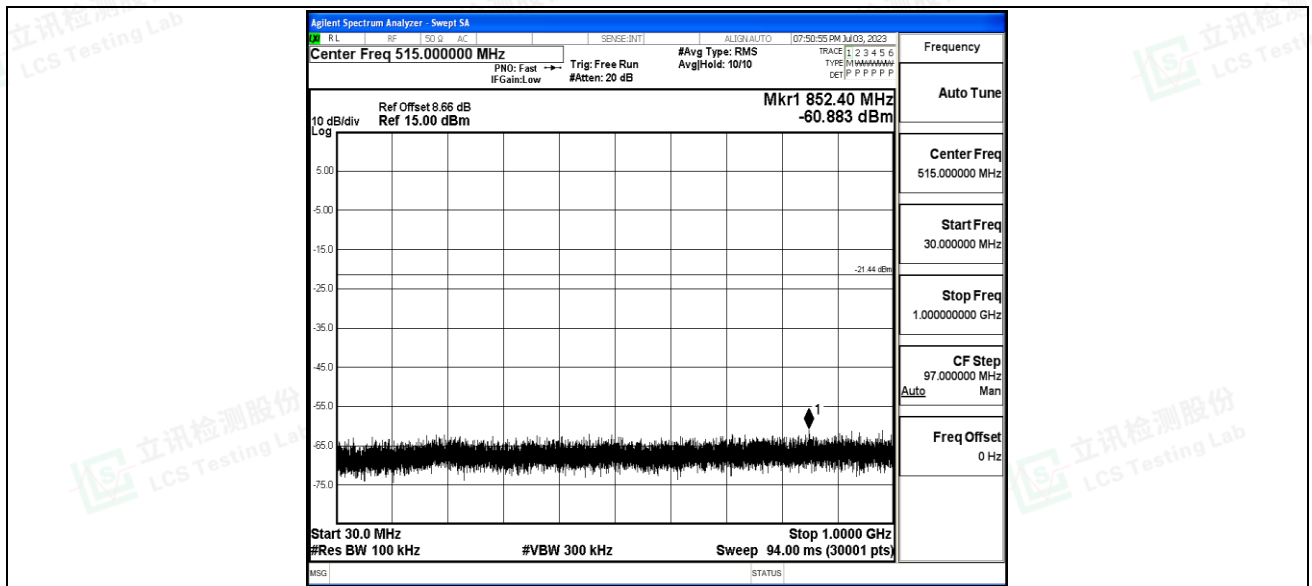


2DH5_Ant1_2402_0~Reference

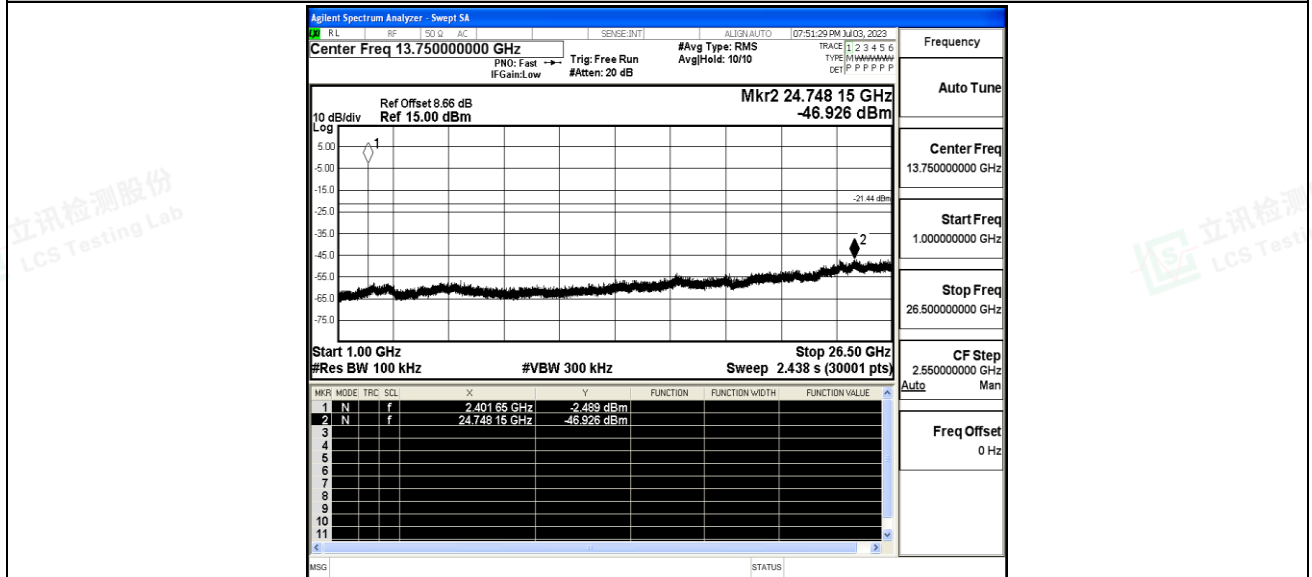


2DH5_Ant1_2402_30~1000



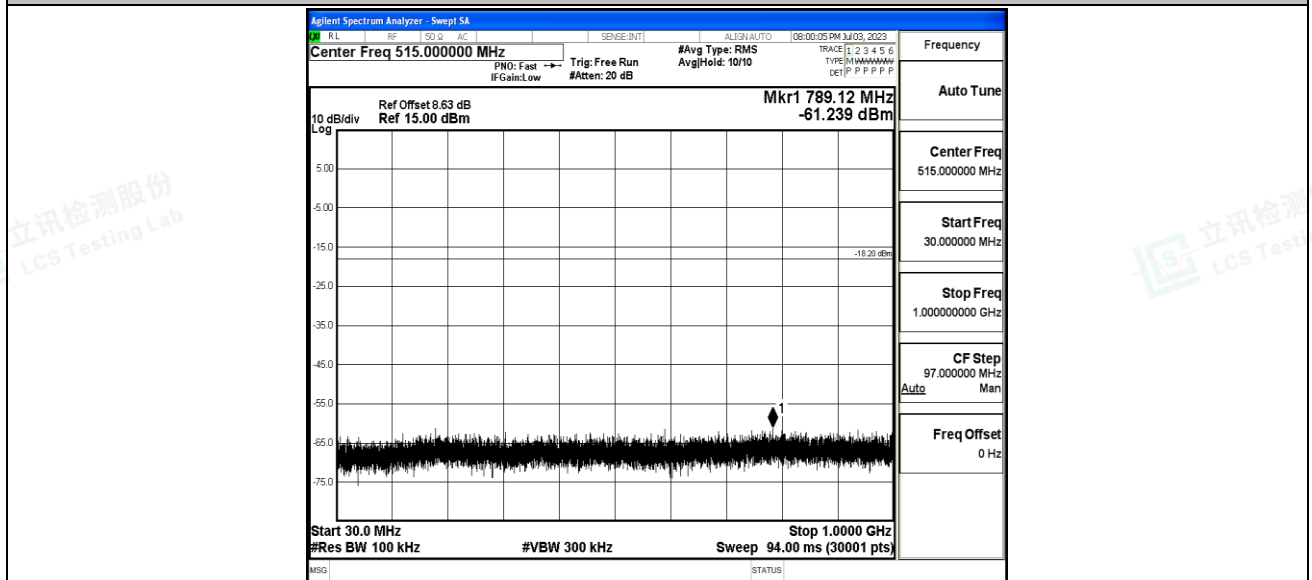
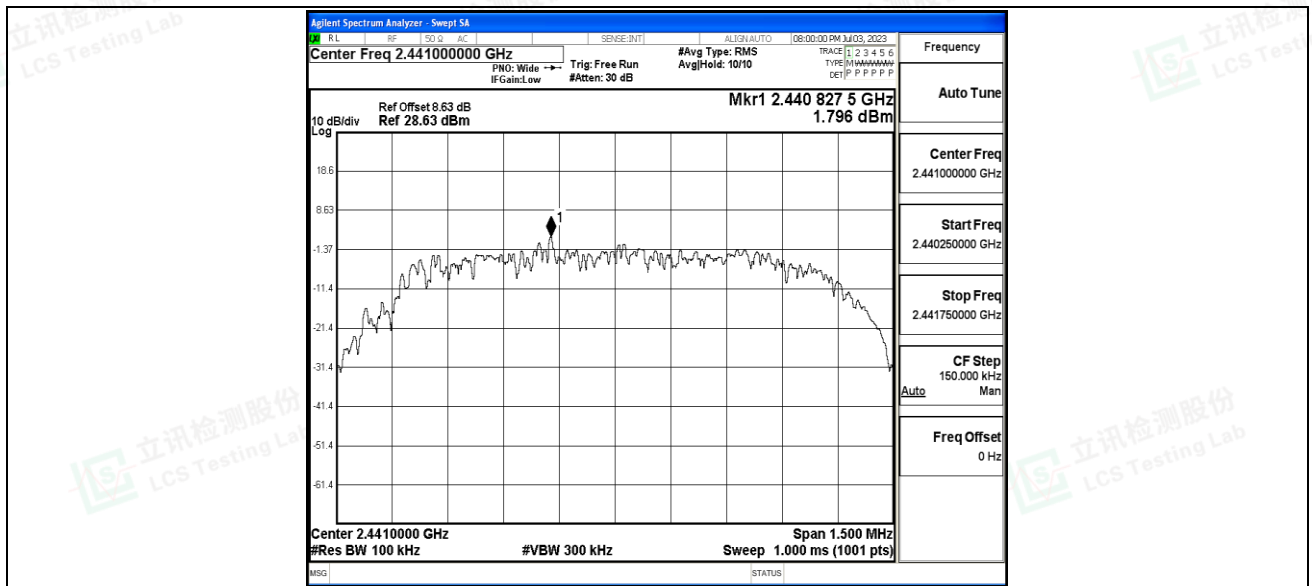


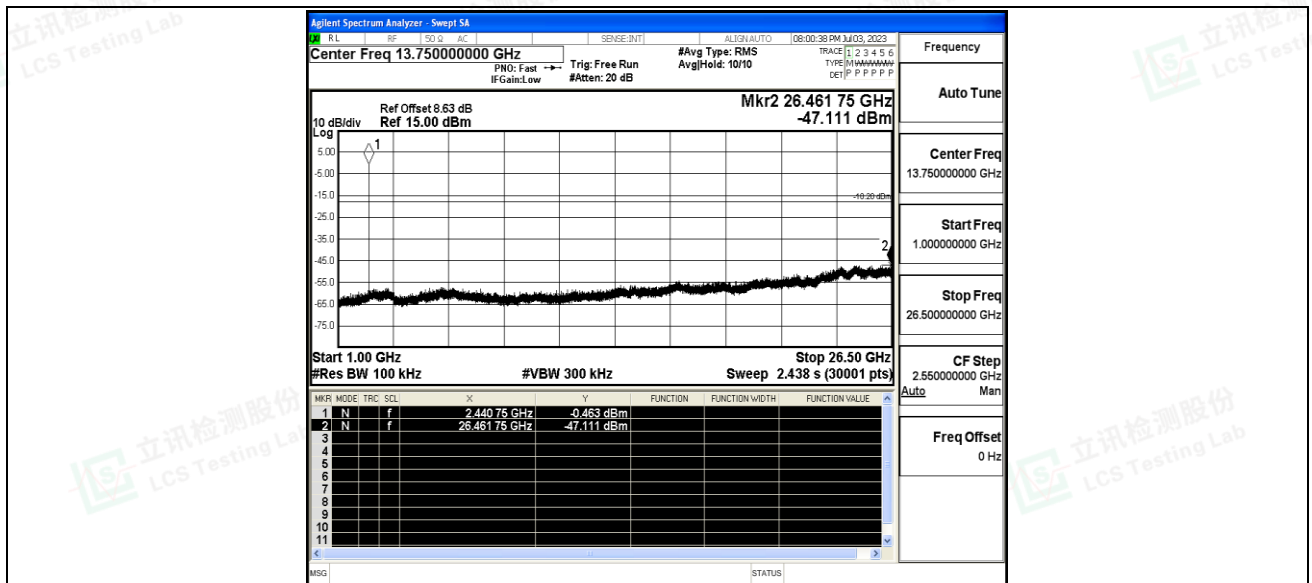
2DH5_Ant1_2402_1000~26500



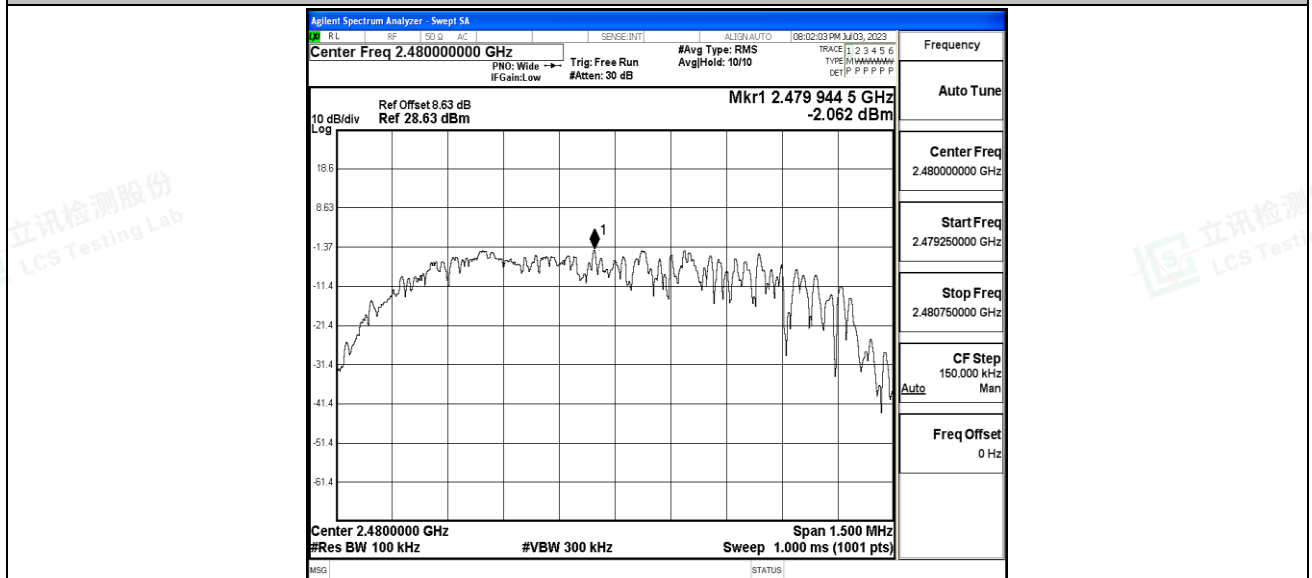
2DH5_Ant1_2441_0~Reference





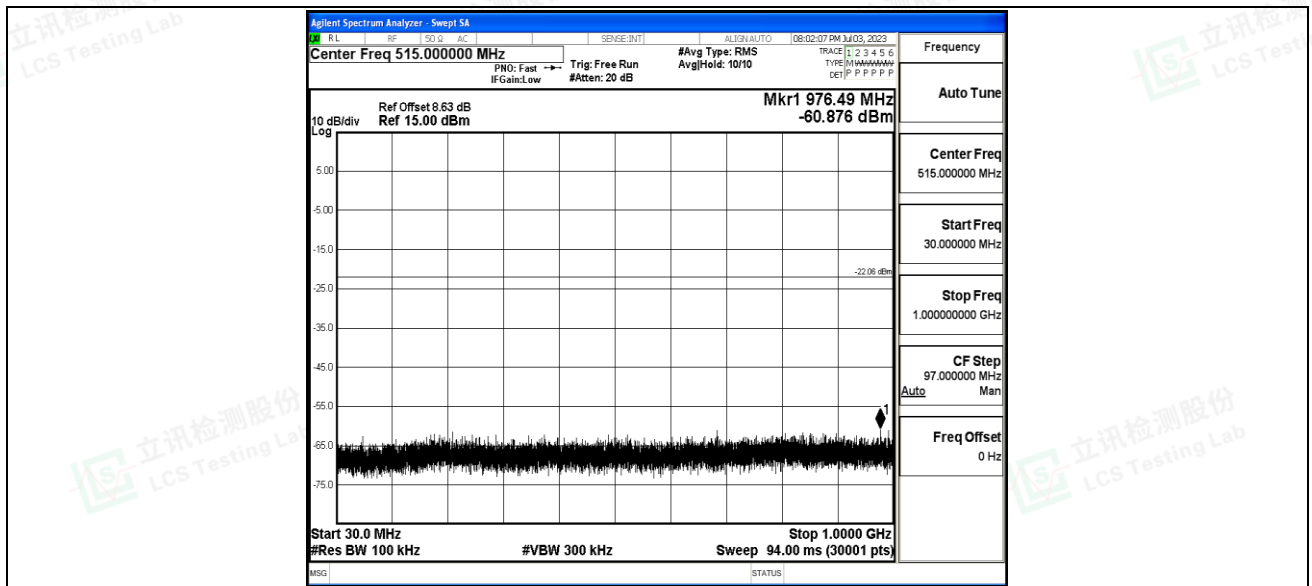


2DH5_Ant1_2480_0~Reference

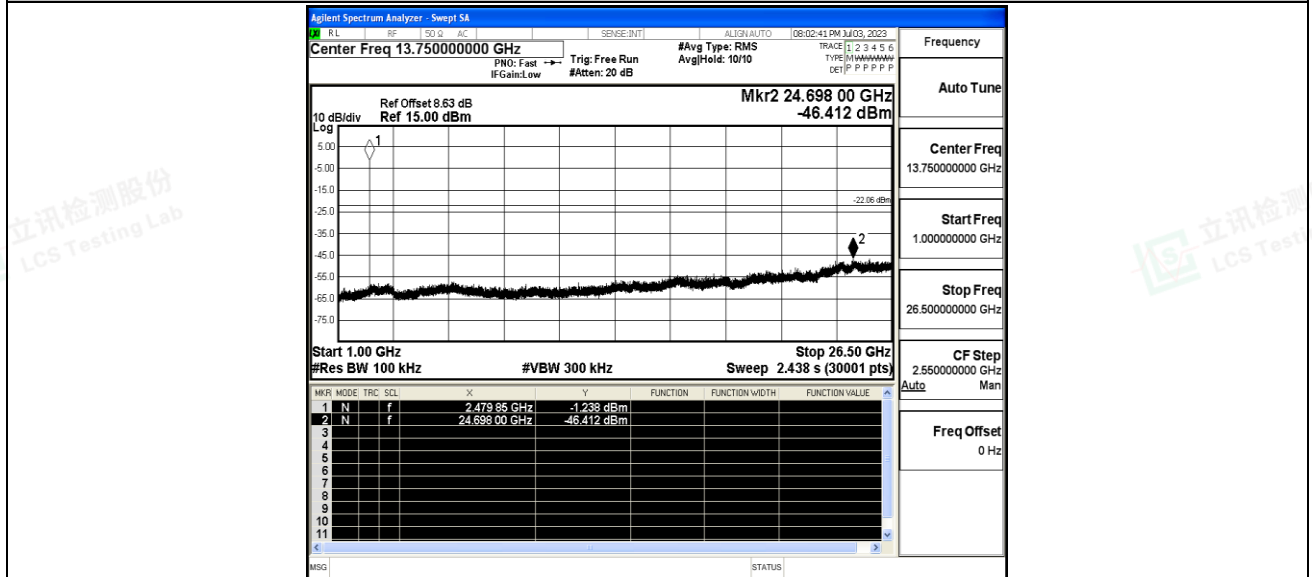


2DH5_Ant1_2480_30~1000



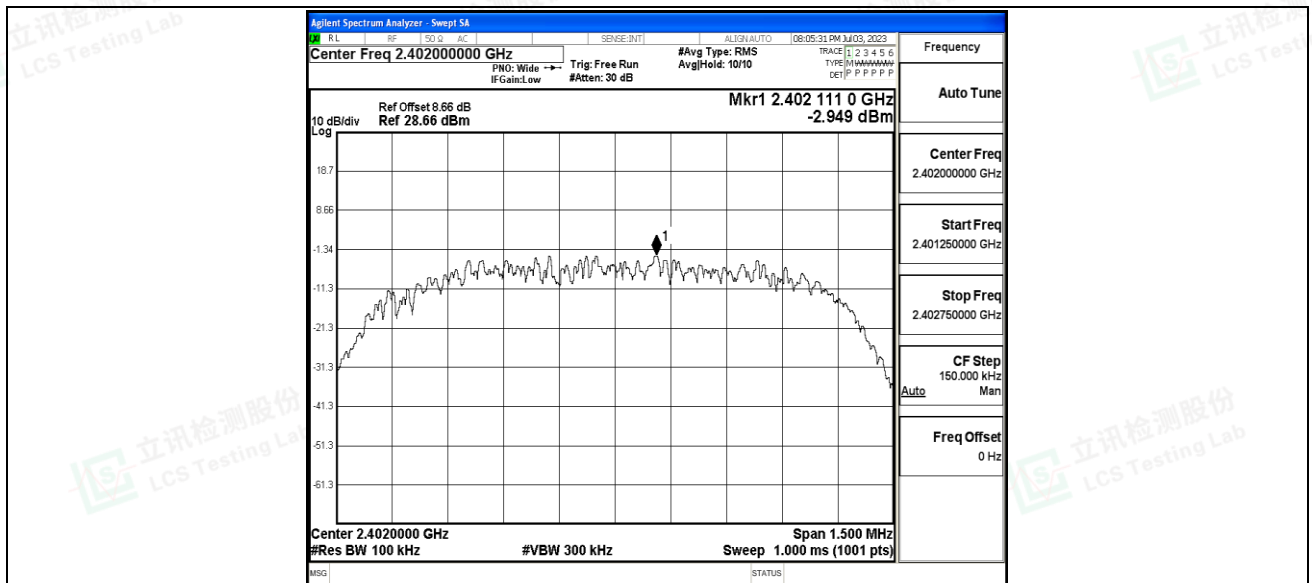


2DH5_Ant1_2480_1000~26500

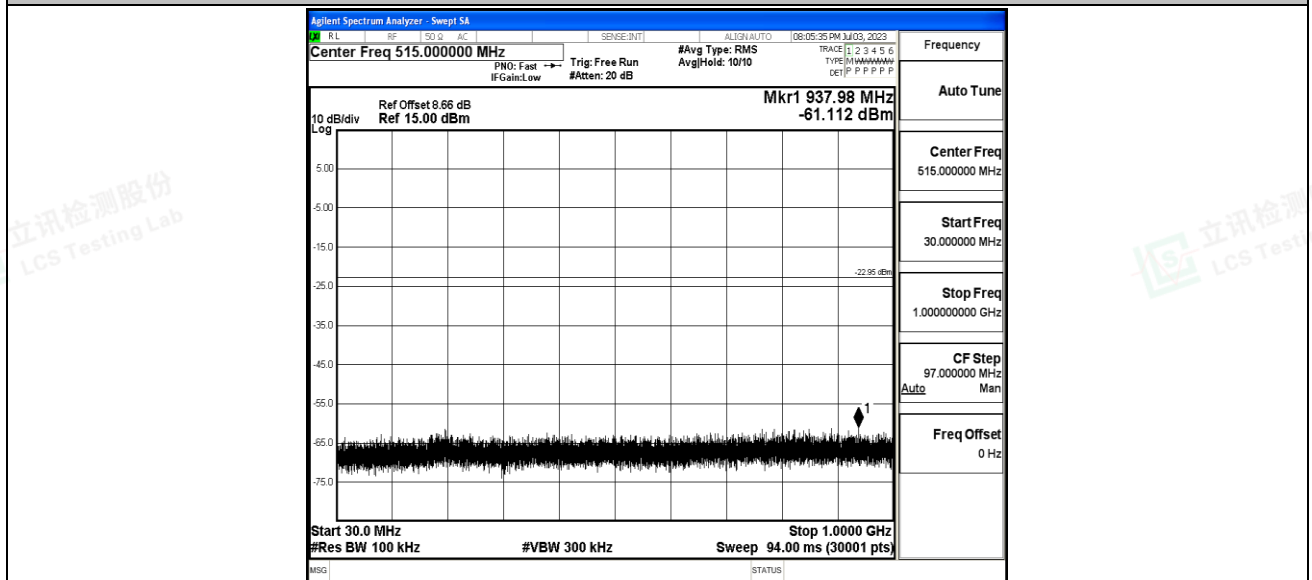


3DH5_Ant1_2402_0~Reference



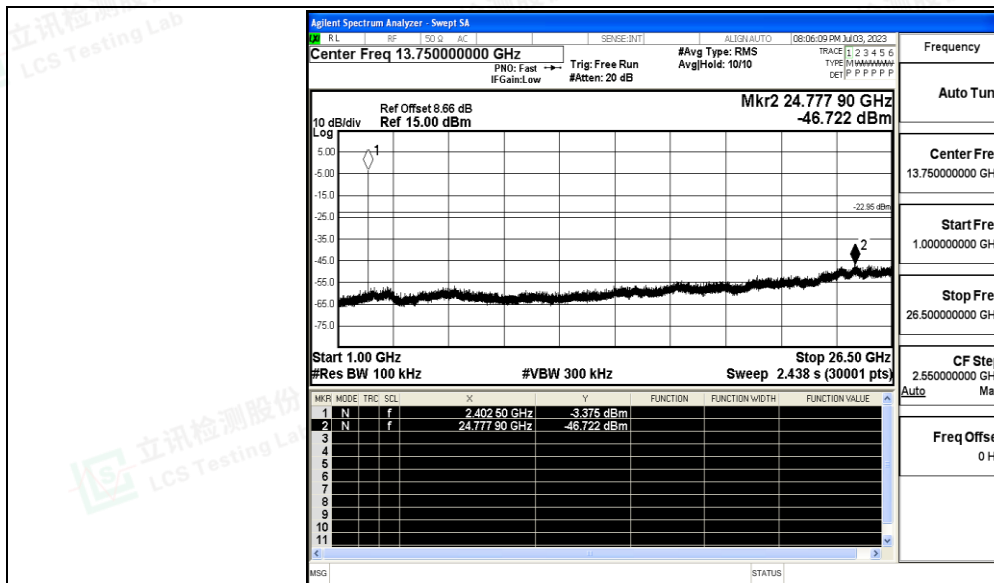


3DH5_Ant1_2402_30~1000

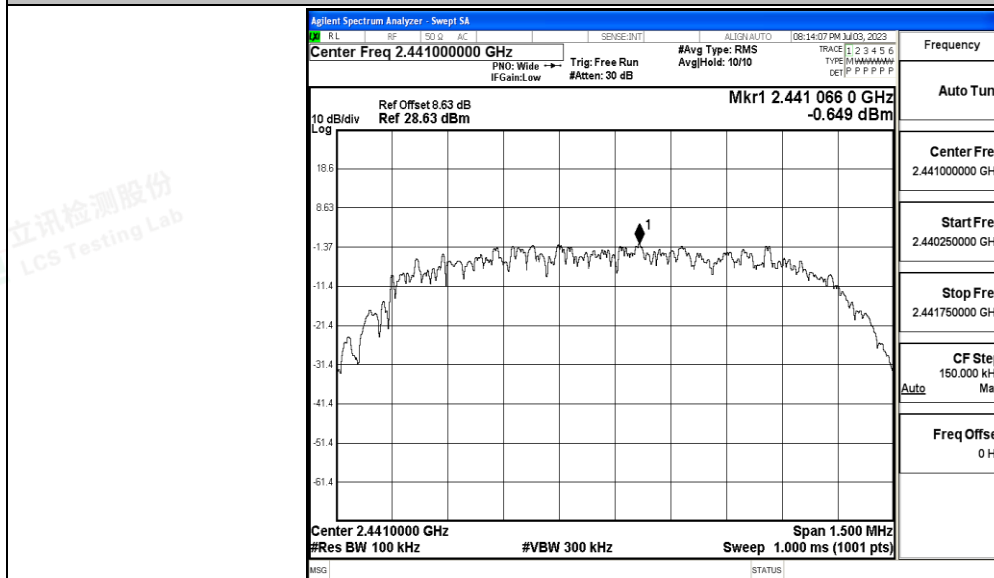


3DH5_Ant1_2402_1000~26500



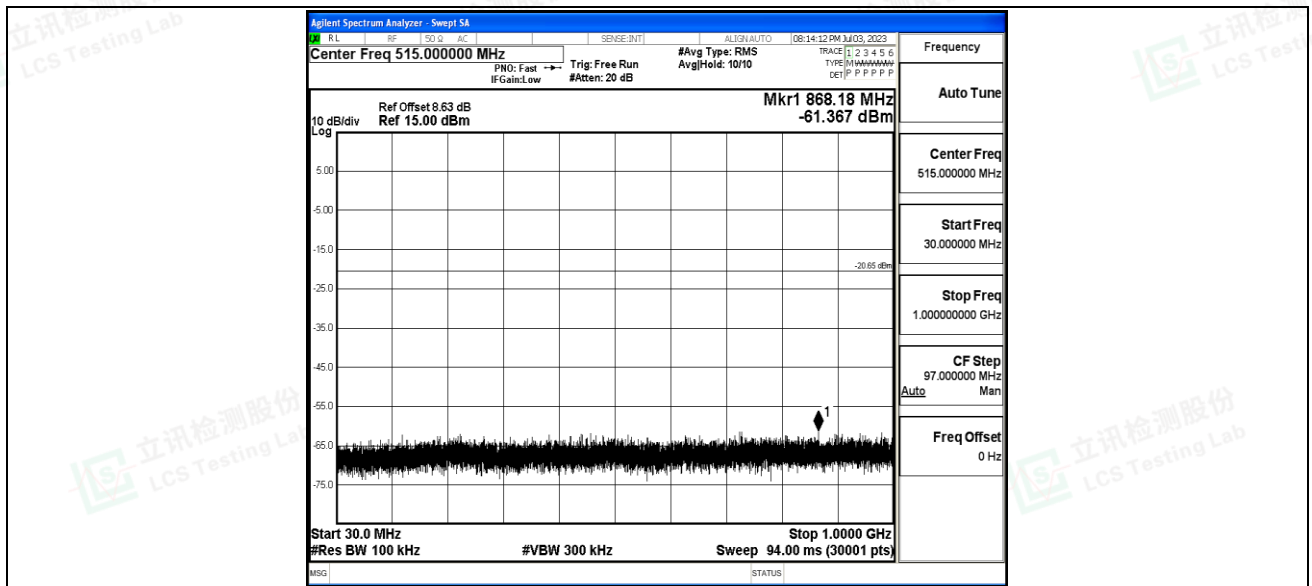


3DH5_Ant1_2441_0~Reference

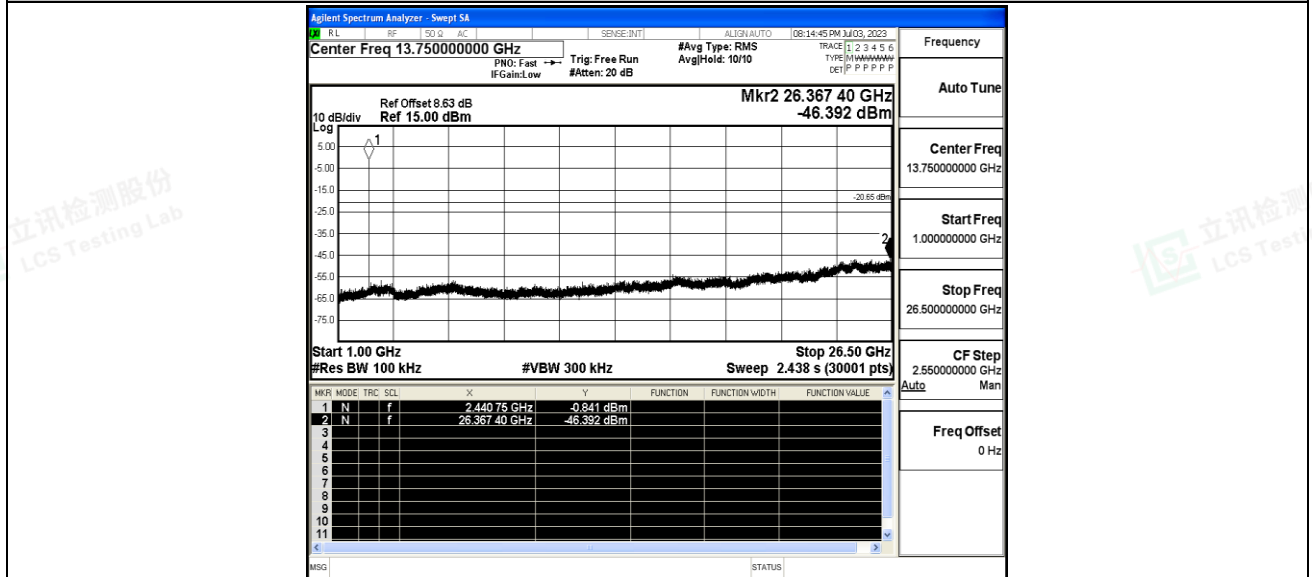


3DH5_Ant1_2441_30~1000





3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



