



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: 10LC1

Environmental Conditions

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





A.1 20dB Emission Bandwidth

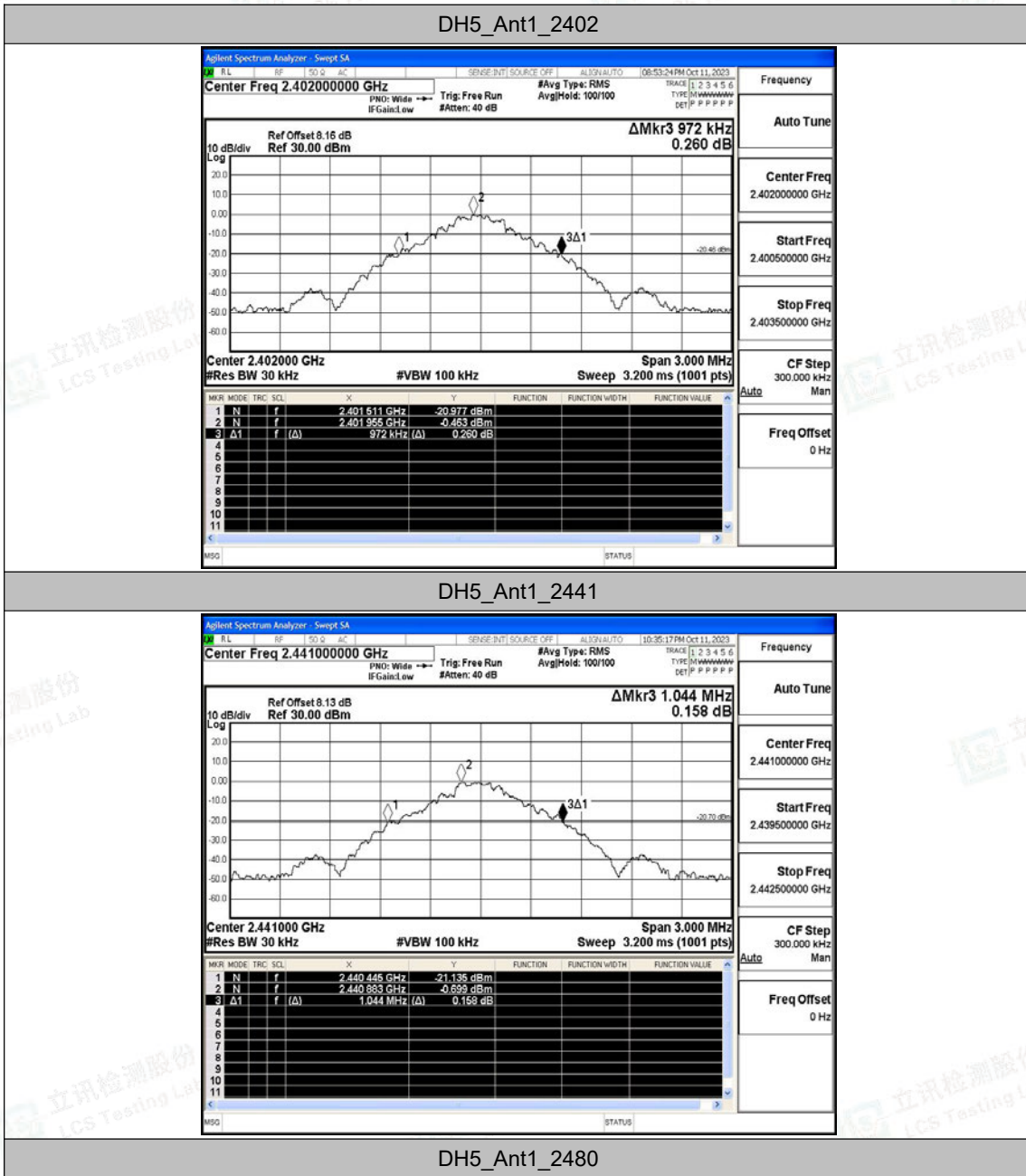
Test Result

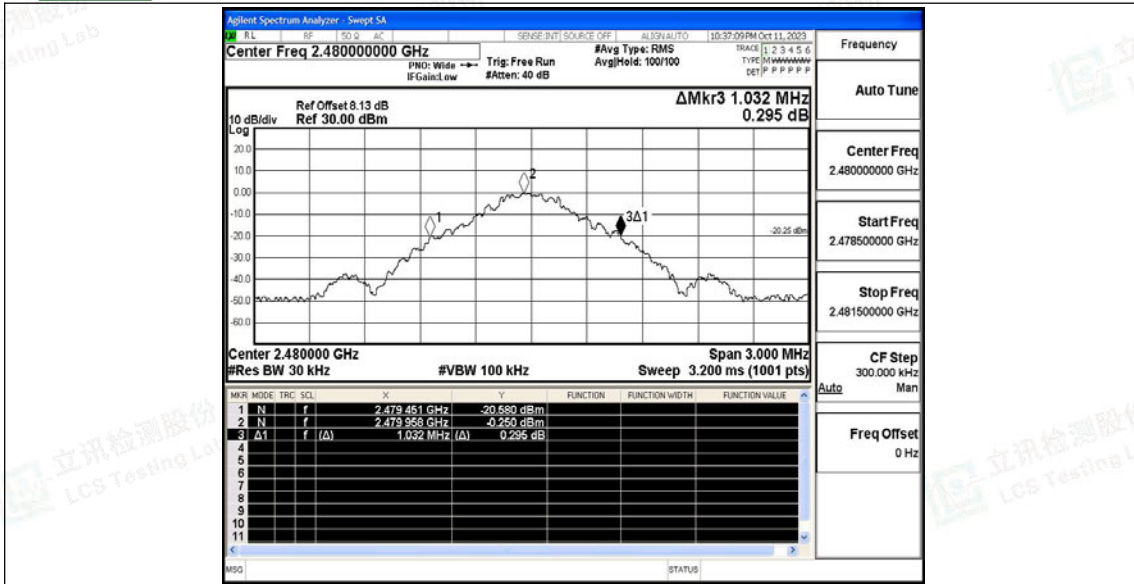
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.972	2401.511	2402.483	---
		2441	1.044	2440.445	2441.489	---
		2480	1.032	2479.451	2480.483	---
2DH5	Ant1	2402	1.272	2401.367	2402.639	---
		2441	1.323	2440.322	2441.645	---
		2480	1.293	2479.346	2480.639	---
3DH5	Ant1	2402	1.308	2401.331	2402.639	---
		2441	1.308	2440.331	2441.639	---
		2480	1.320	2479.325	2480.645	---



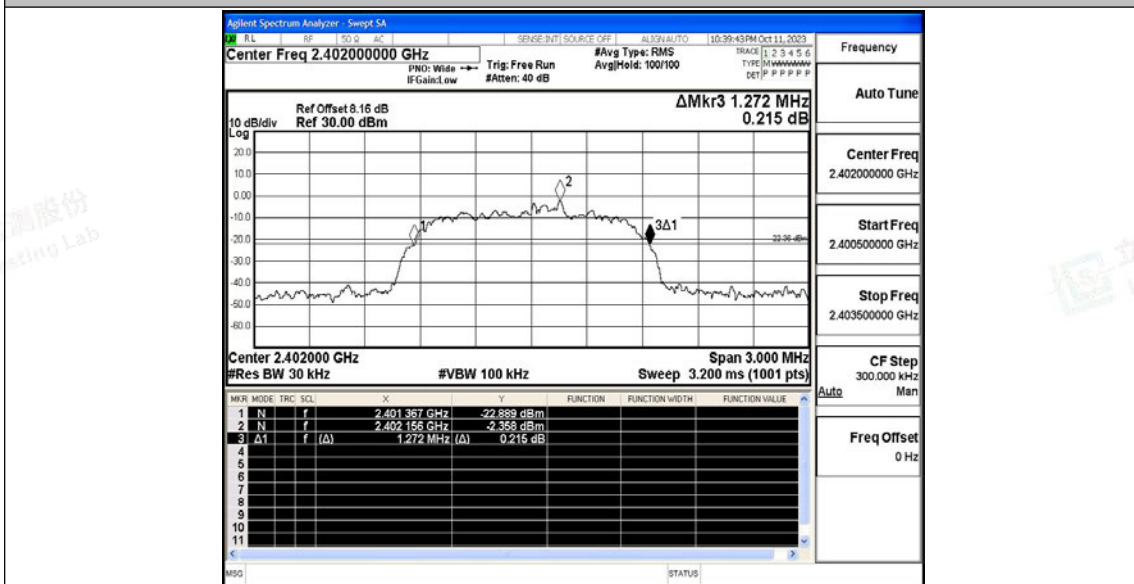


Test Graphs



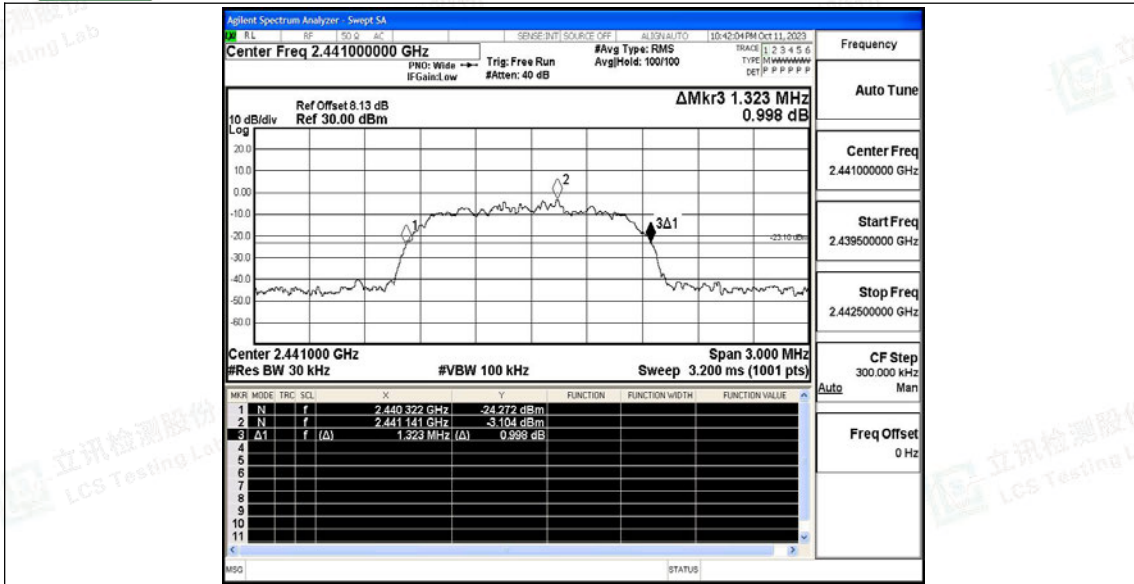


2DH5_Ant1_2402

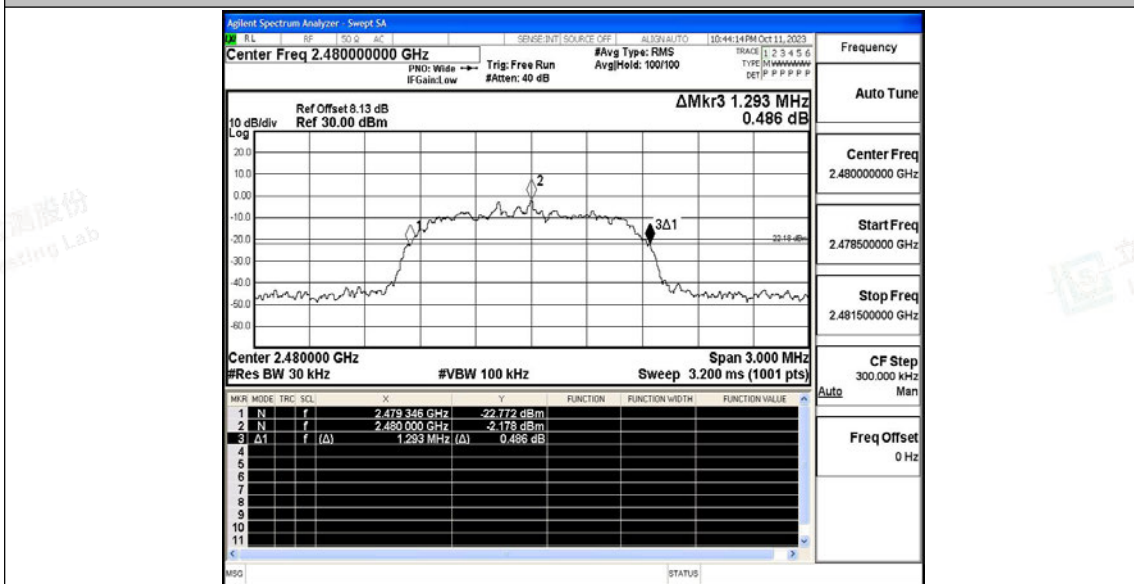


2DH5_Ant1_2441



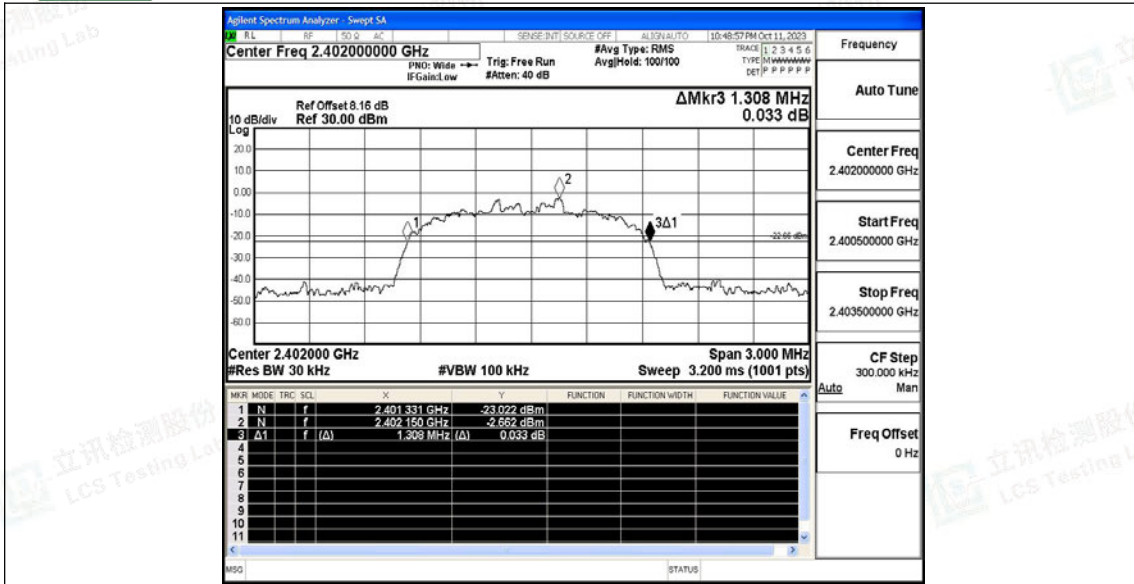


2DH5_Ant1_2480

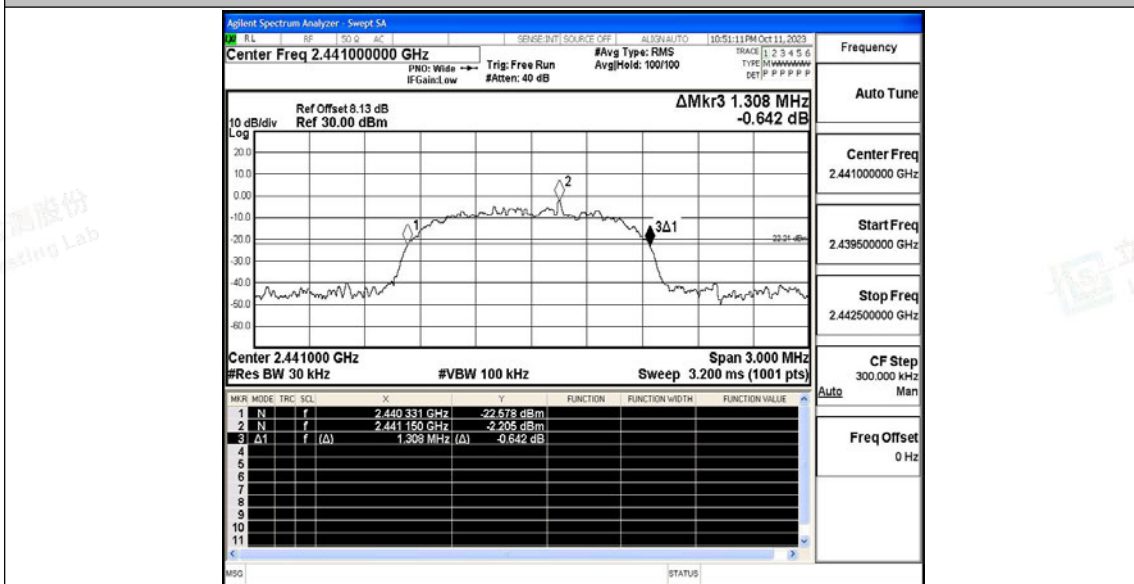


3DH5_Ant1_2402



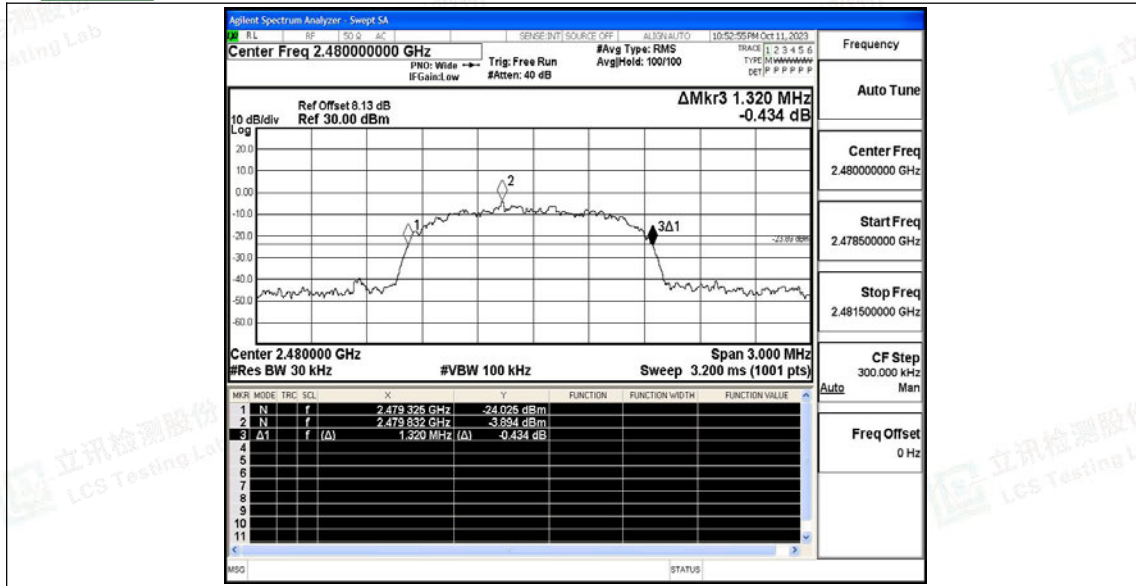


3DH5_Ant1_2441



3DH5_Ant1_2480







A.2 Maximum conducted output power

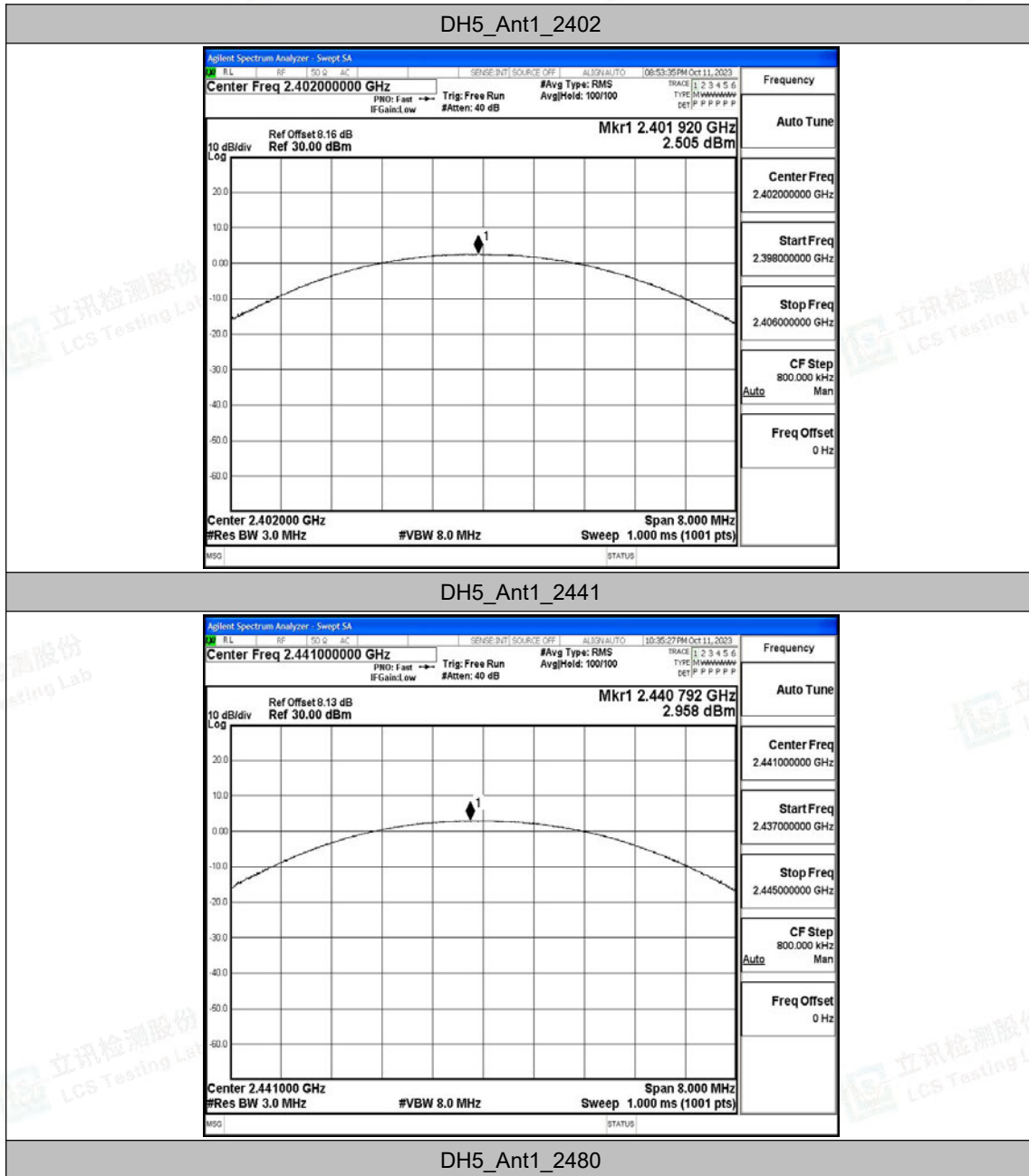
Test Result

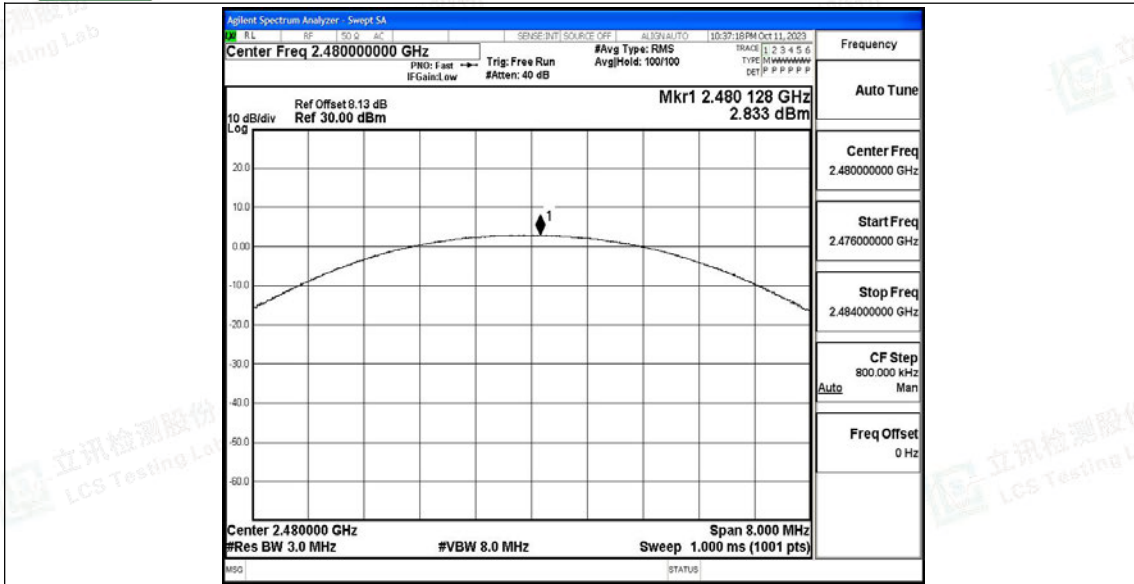
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.51	≤20.97	PASS
		2441	2.96	≤20.97	PASS
		2480	2.83	≤20.97	PASS
2DH5	Ant1	2402	2.46	≤20.97	PASS
		2441	3.00	≤20.97	PASS
		2480	2.48	≤20.97	PASS
3DH5	Ant1	2402	2.53	≤20.97	PASS
		2441	2.91	≤20.97	PASS
		2480	2.48	≤20.97	PASS



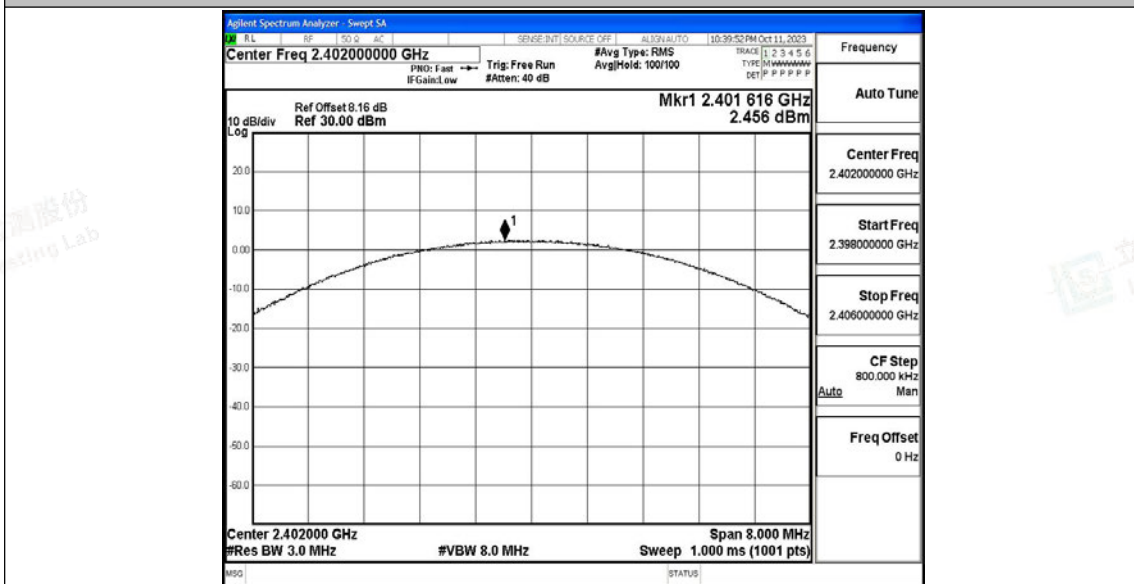


Test Graphs



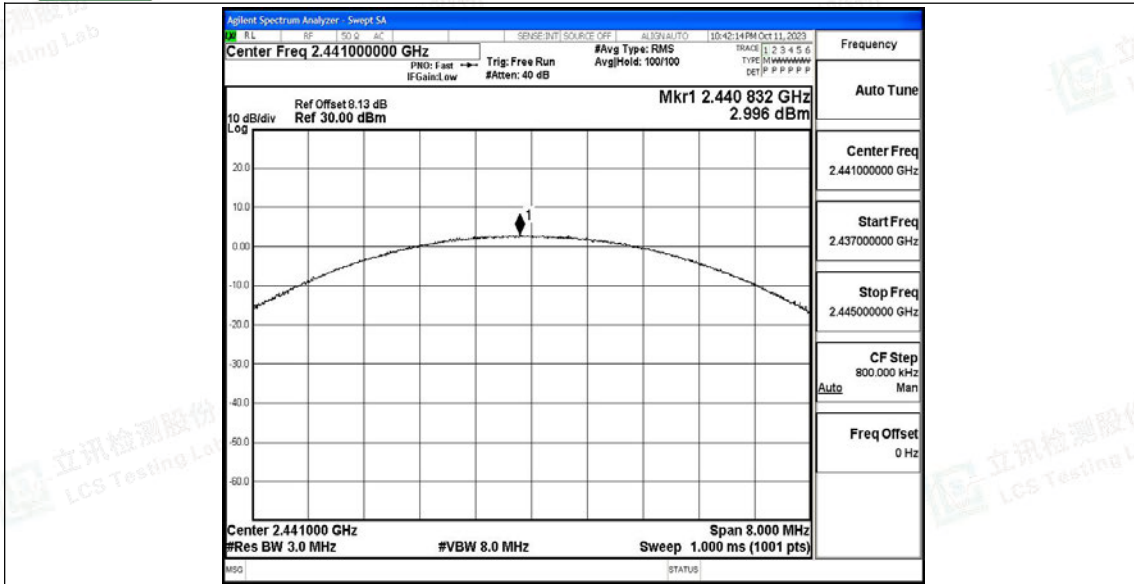


2DH5_Ant1_2402

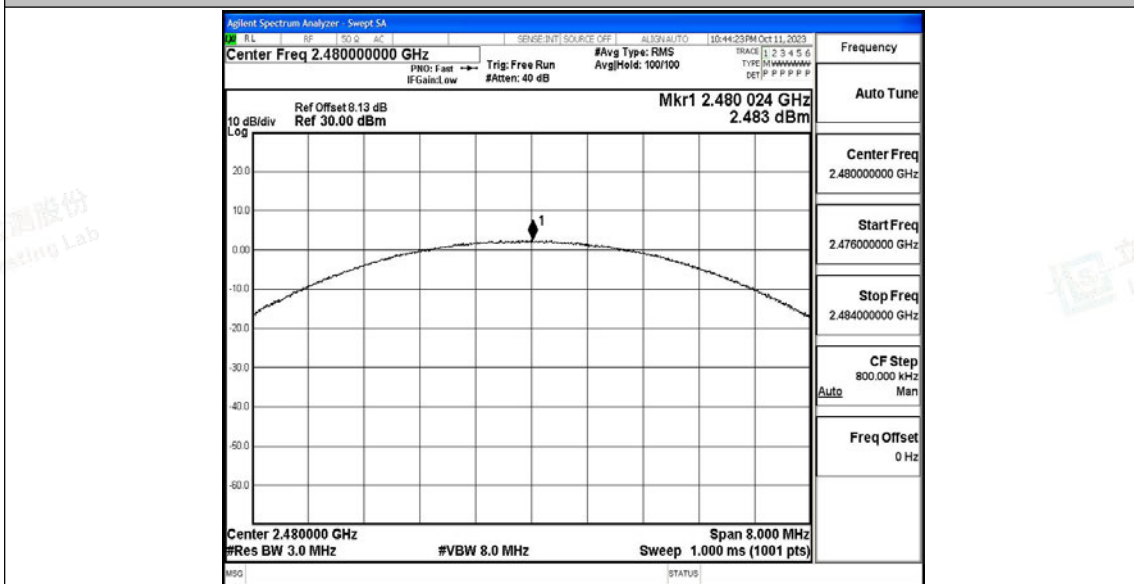


2DH5_Ant1_2441



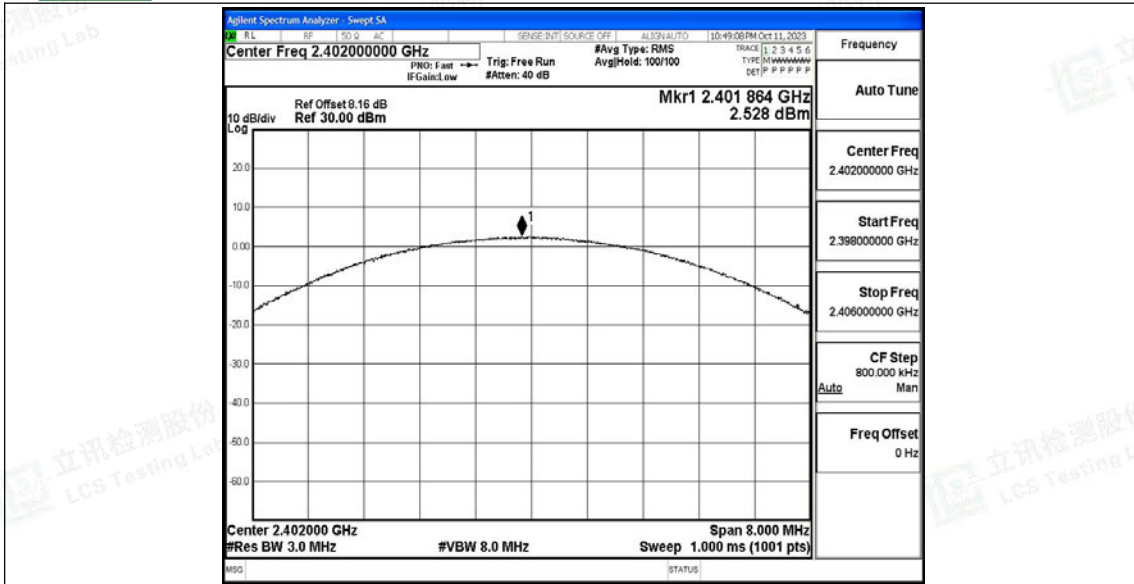


2DH5_Ant1_2480

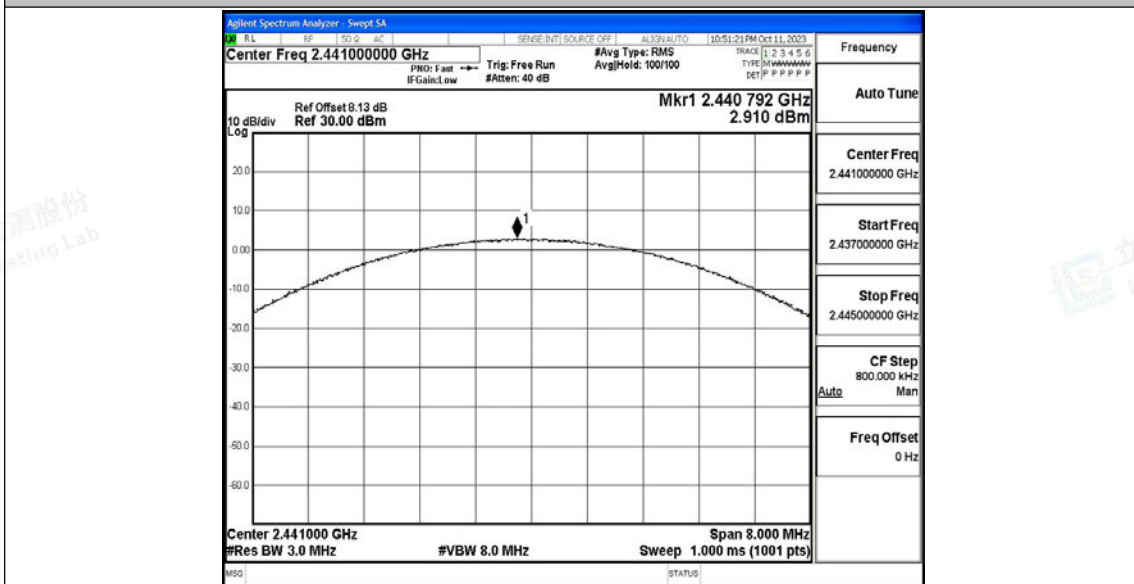


3DH5_Ant1_2402



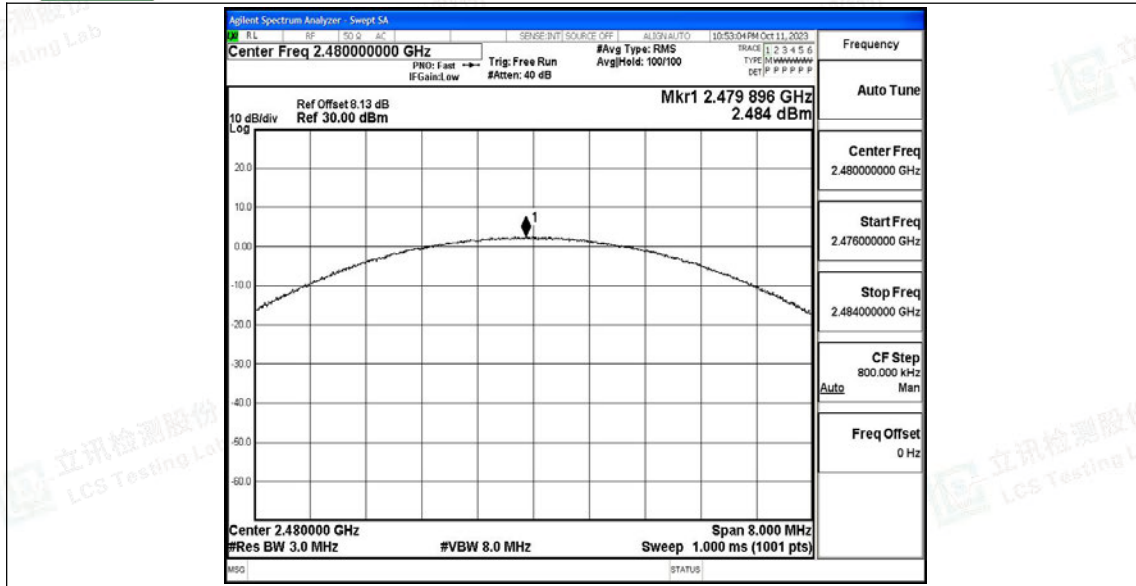


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

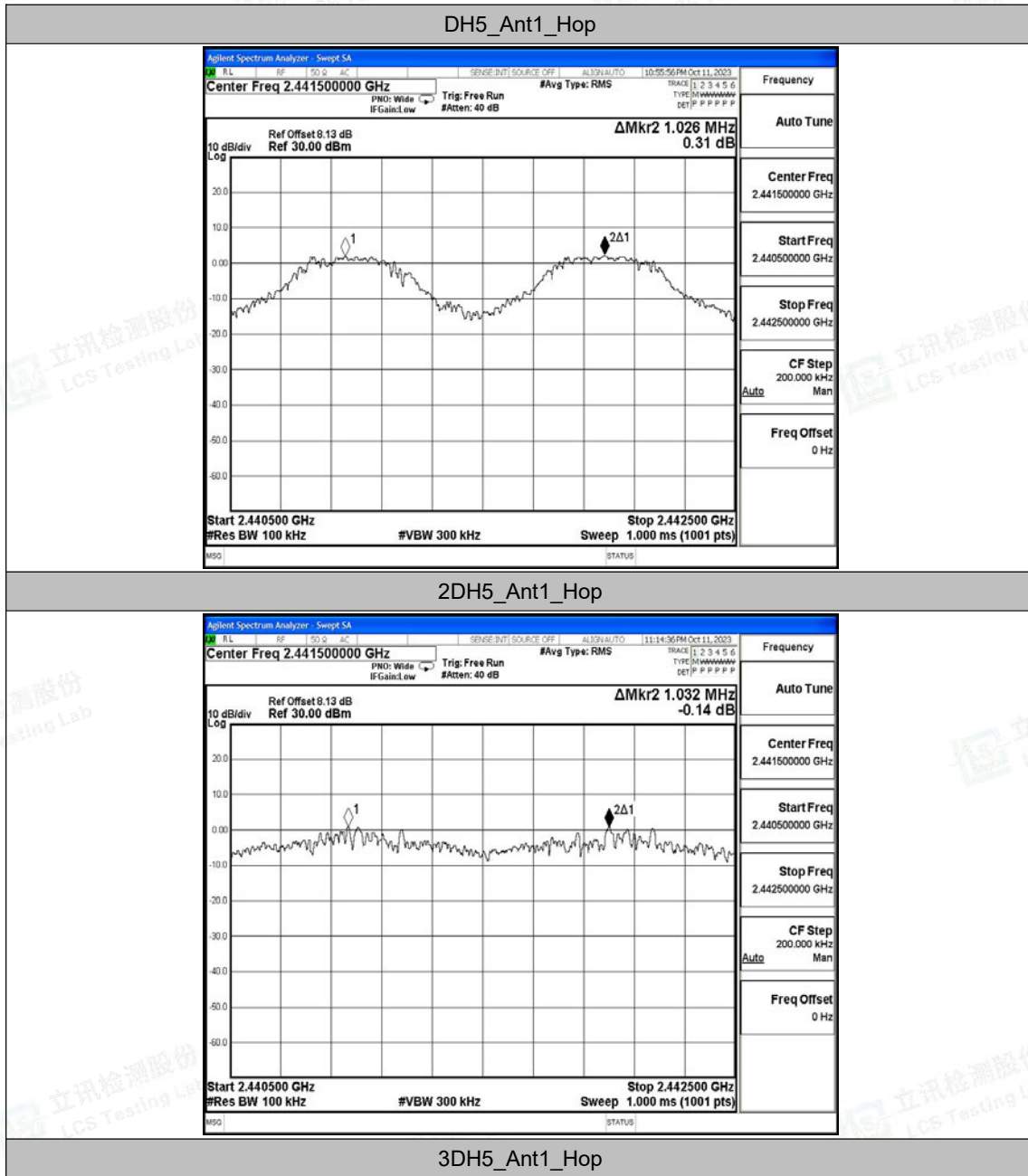
Test Result

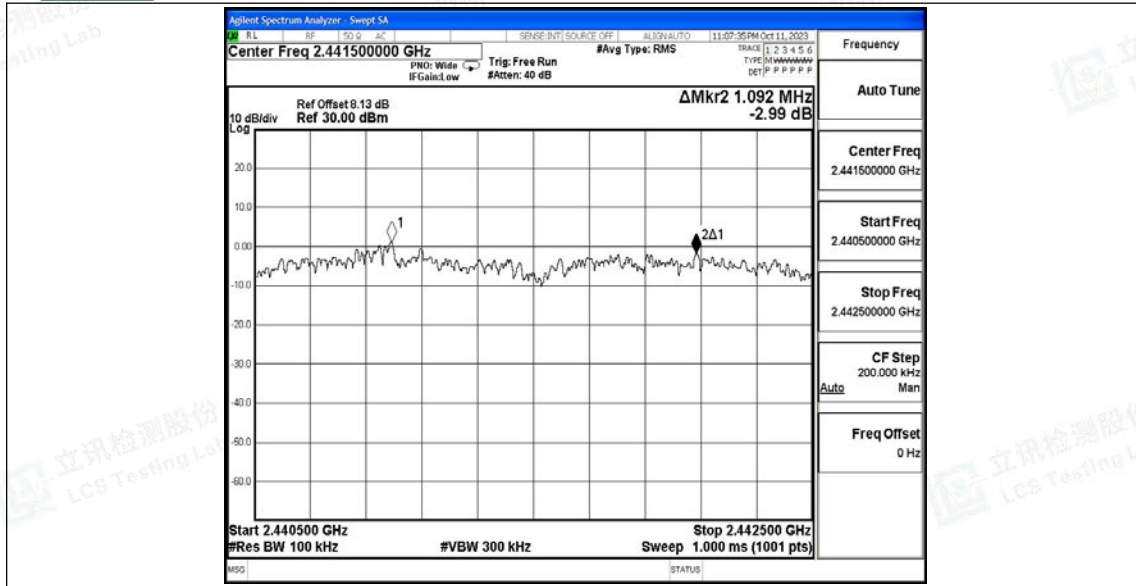
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.026	≥0.696	PASS
2DH5	Ant1	Hop	1.032	≥0.882	PASS
3DH5	Ant1	Hop	1.092	≥0.880	PASS





Test Graphs







A.4 Time of occupancy

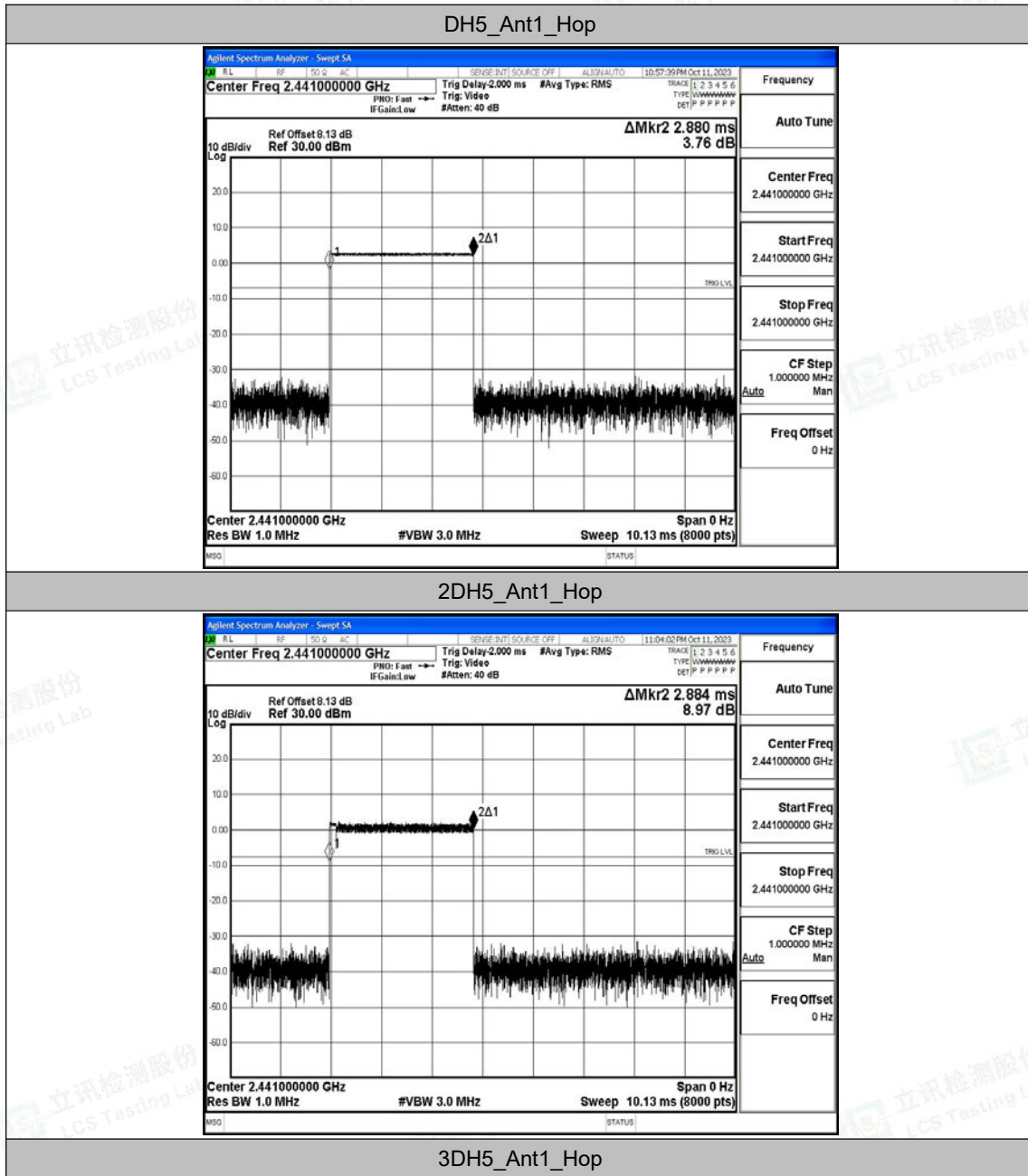
Test Result

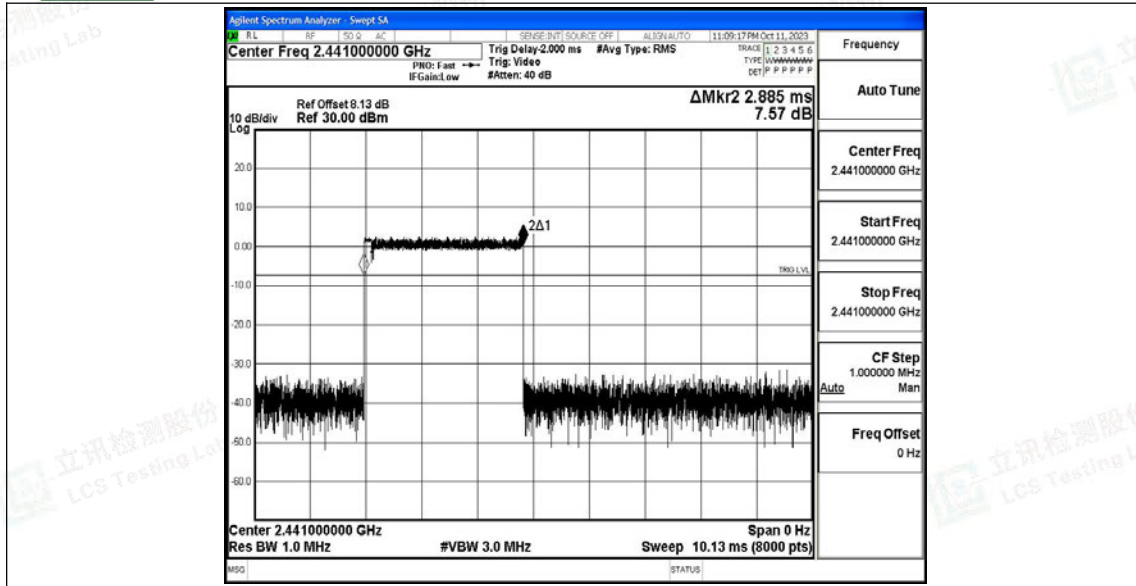
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.884	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS





Test Graphs







A.5 Number of hopping channels

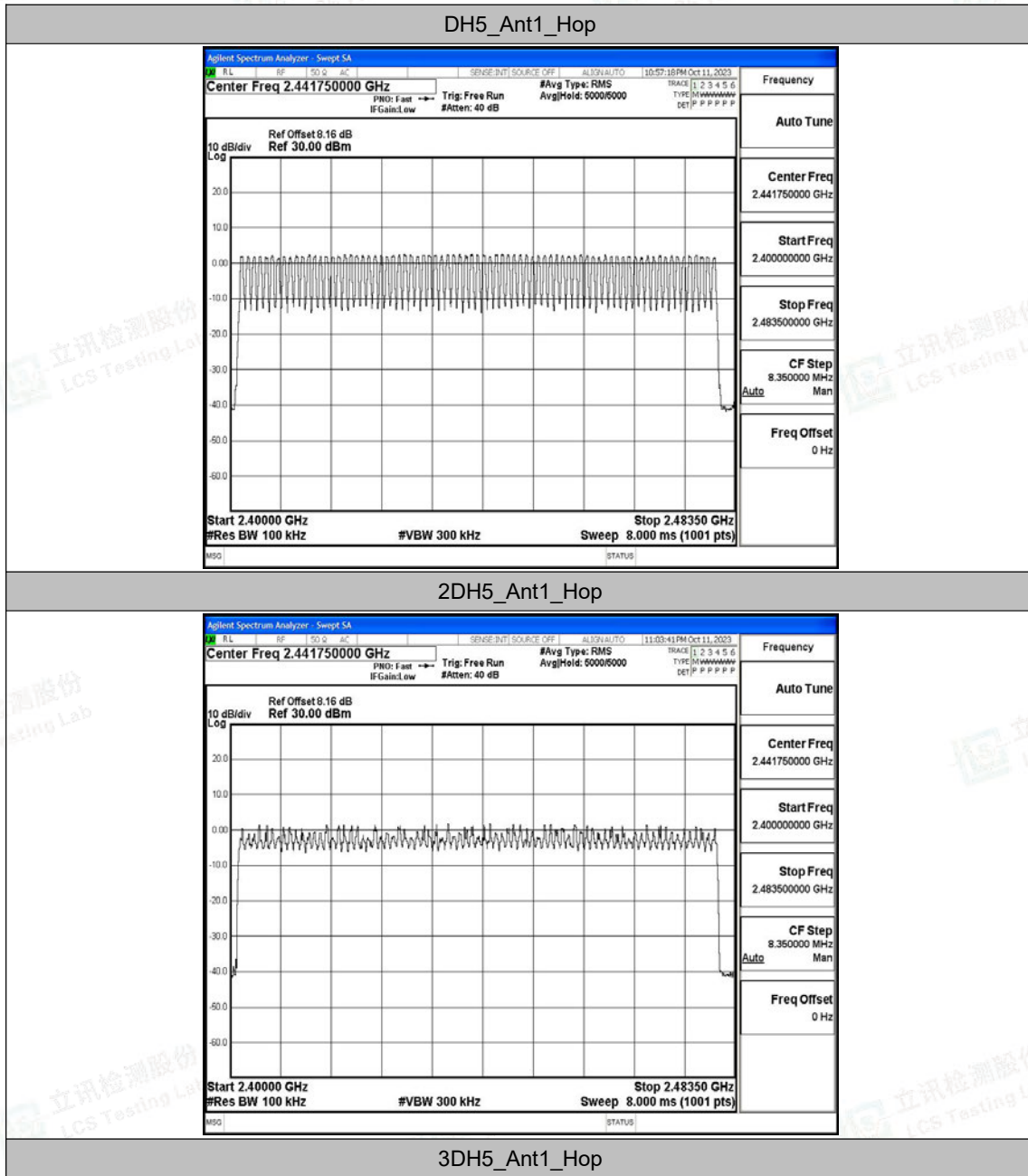
Test Result

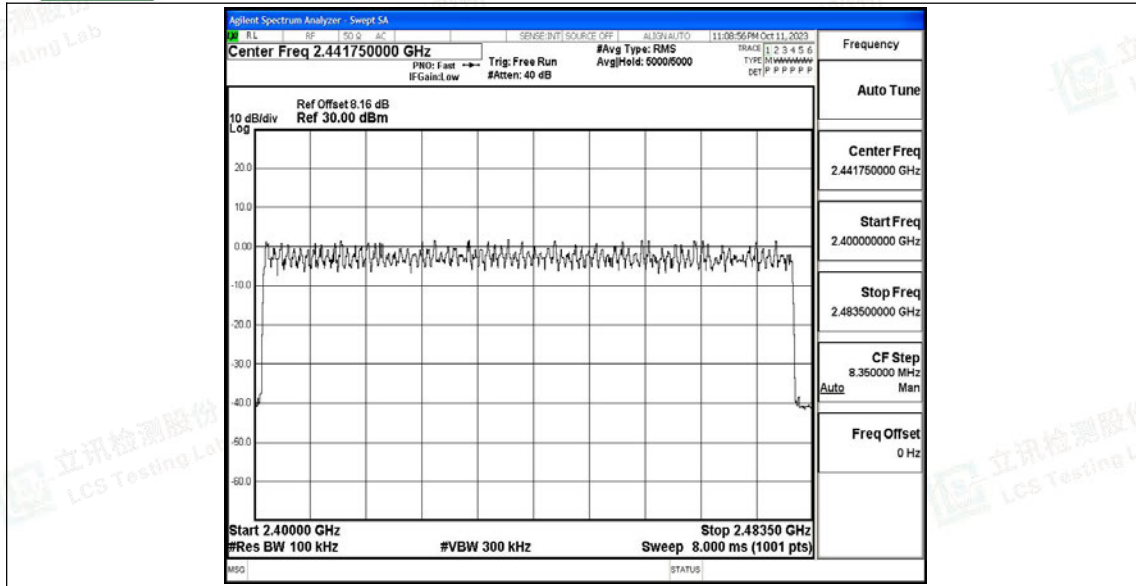
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

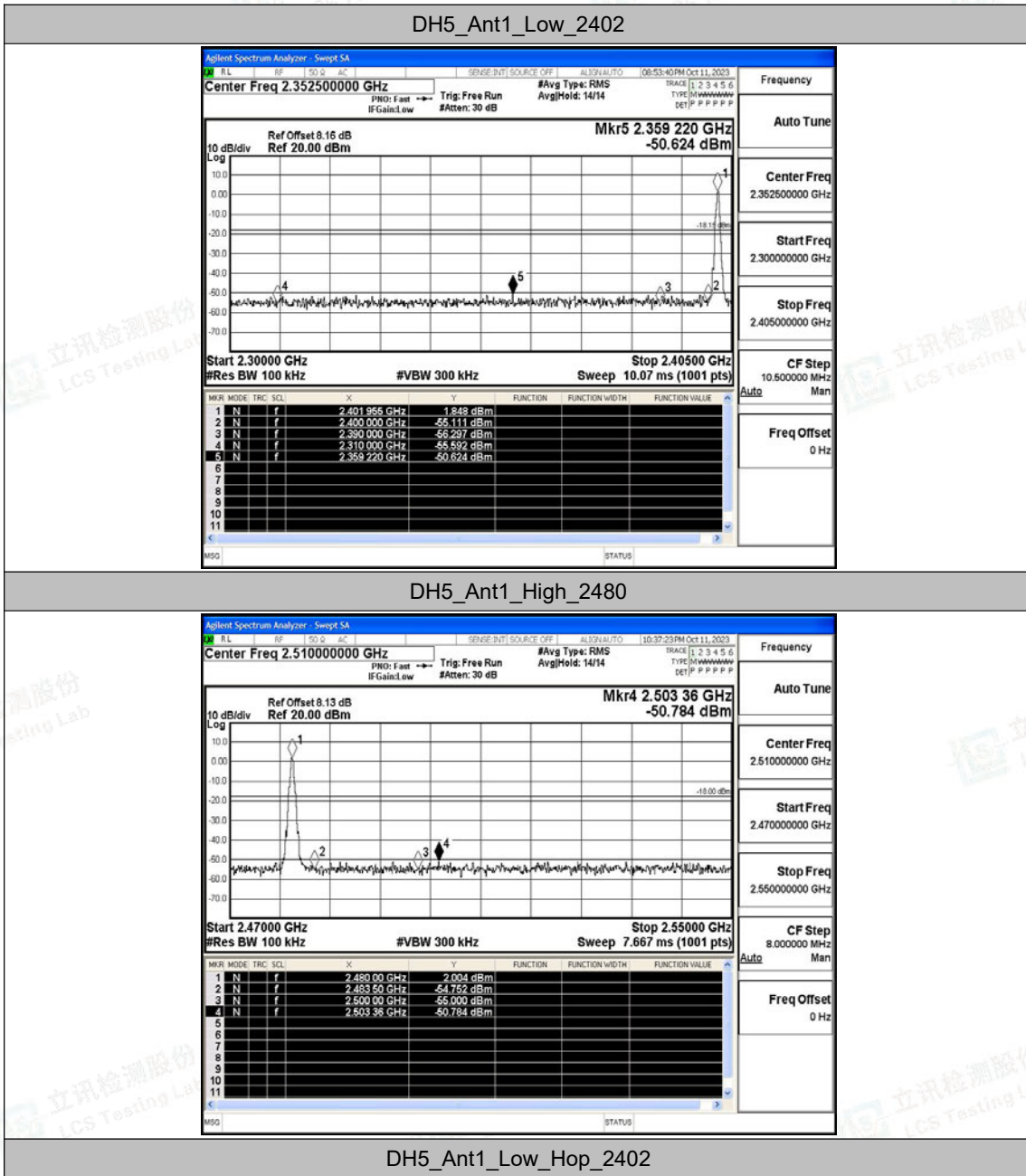
Test Result

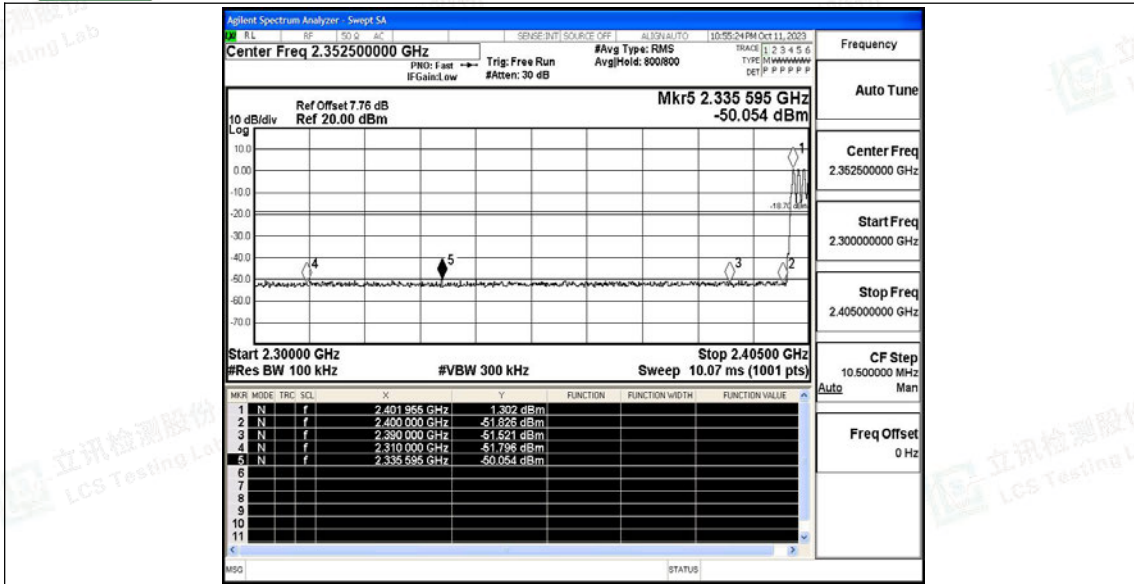
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.85	-50.62	≤-18.15	PASS
		High	2480	2.00	-50.78	≤-18	PASS
		Low	Hop_2402	1.30	-50.05	≤-18.7	PASS
		High	Hop_2480	1.87	-49.5	≤-18.13	PASS
2DH5	Ant1	Low	2402	-3.78	-50.72	≤-23.78	PASS
		High	2480	0.15	-50.55	≤-19.85	PASS
		Low	Hop_2402	-0.84	-50.36	≤-20.84	PASS
		High	Hop_2480	0.85	-49.52	≤-19.15	PASS
3DH5	Ant1	Low	2402	-2.32	-51	≤-22.32	PASS
		High	2480	-2.40	-50.34	≤-22.4	PASS
		Low	Hop_2402	-2.57	-50.1	≤-22.57	PASS
		High	Hop_2480	0.85	-49.2	≤-19.15	PASS



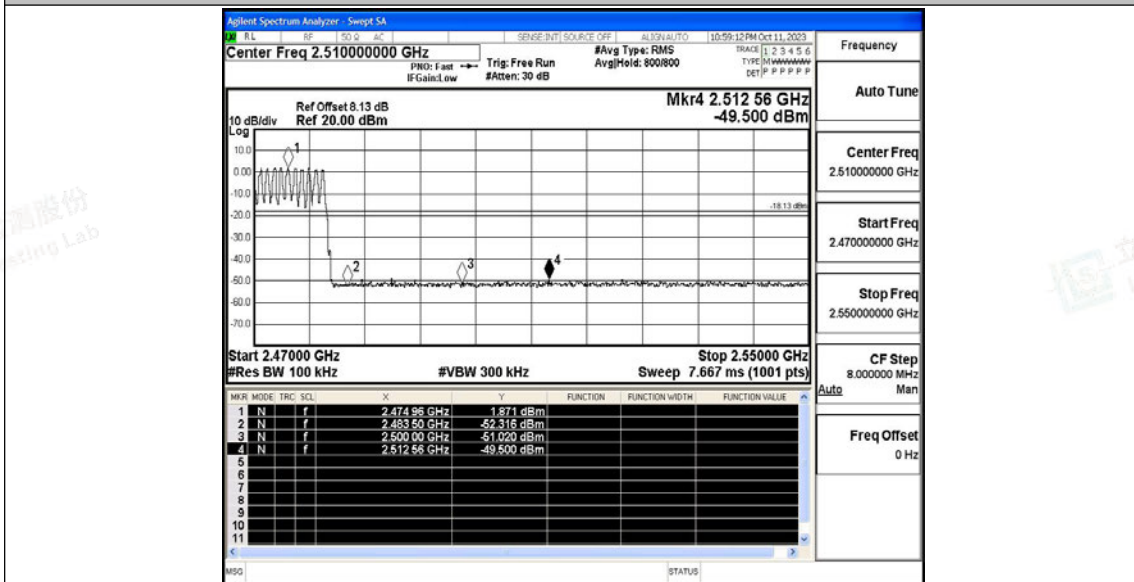


Test Graphs



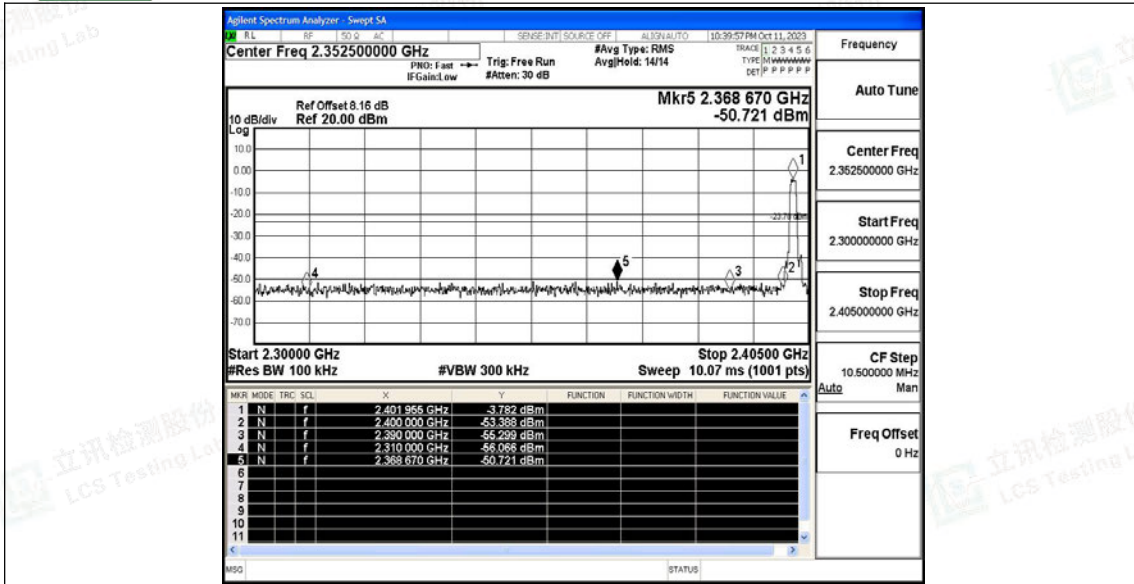


DH5_Ant1_High_Hop_2480

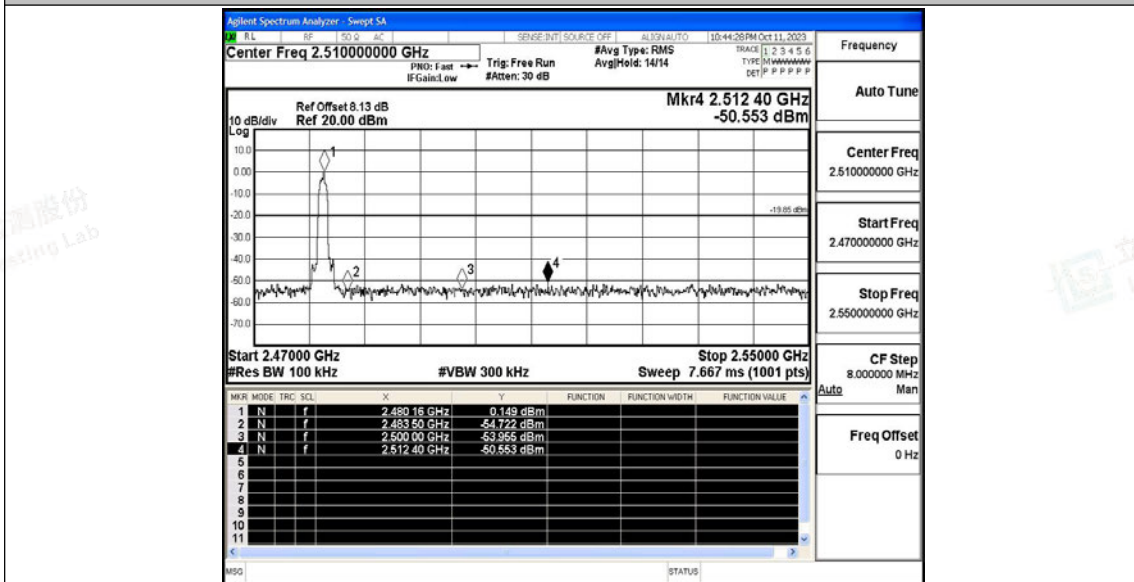


2DH5_Ant1_Low_2402



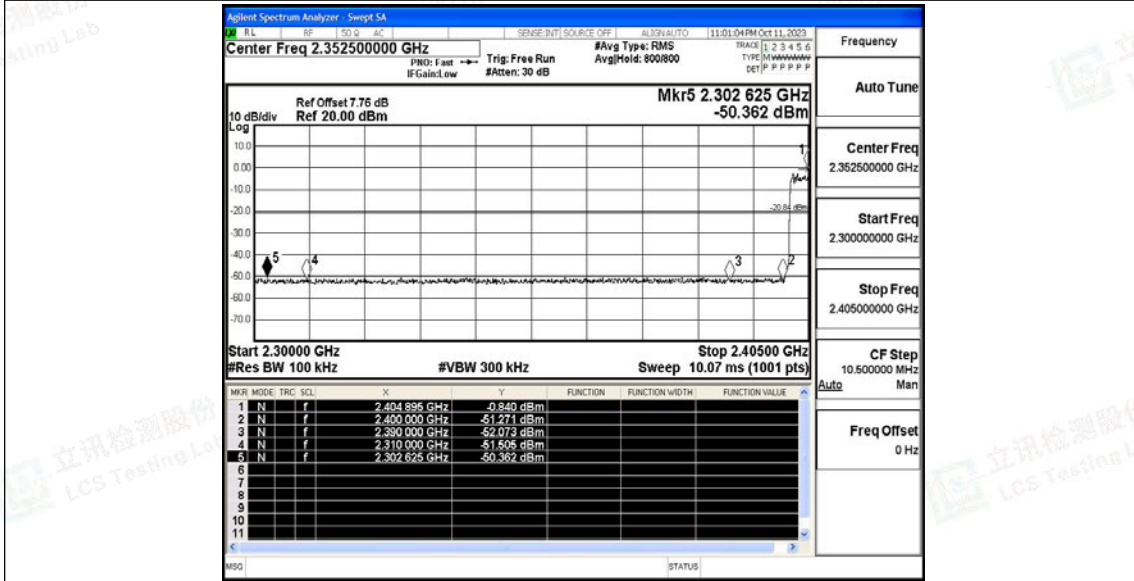


2DH5_Ant1_High_2480

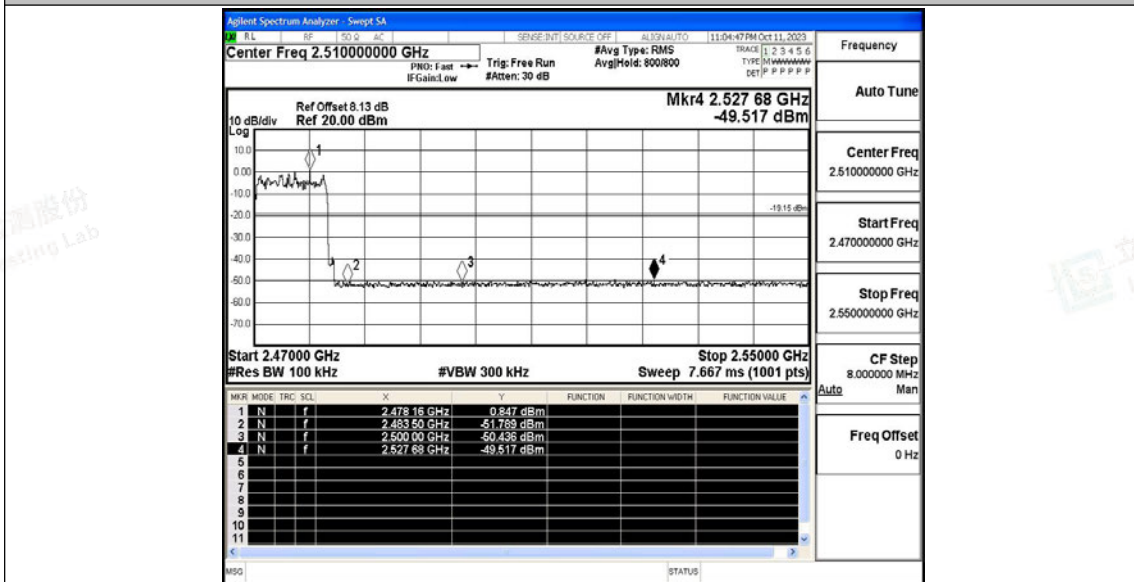


2DH5_Ant1_Low_Hop_2402



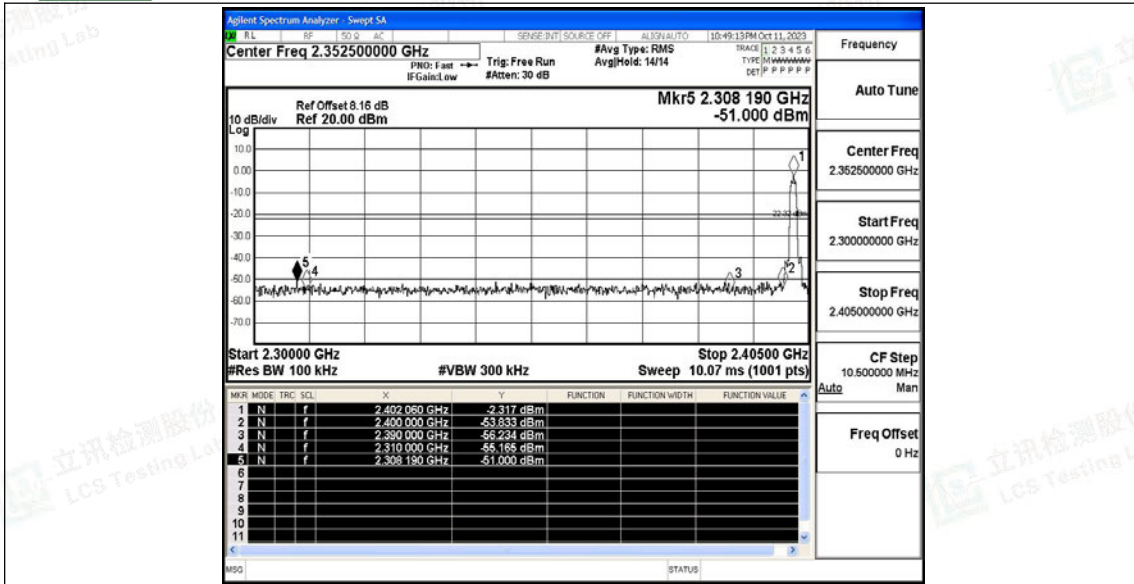


2DH5_Ant1_High_Hop_2480

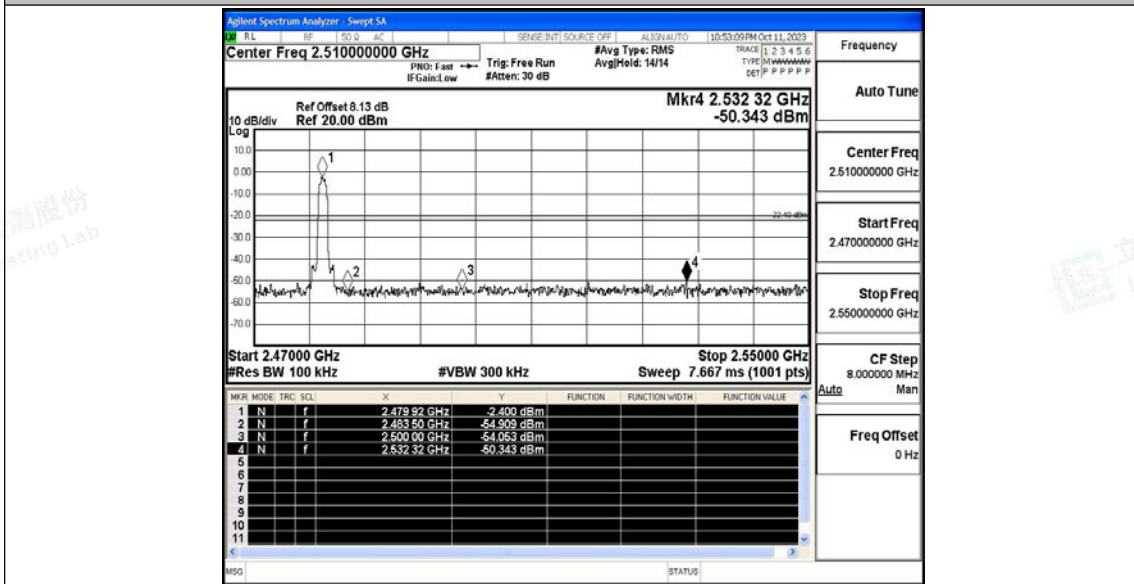


3DH5_Ant1_Low_2402



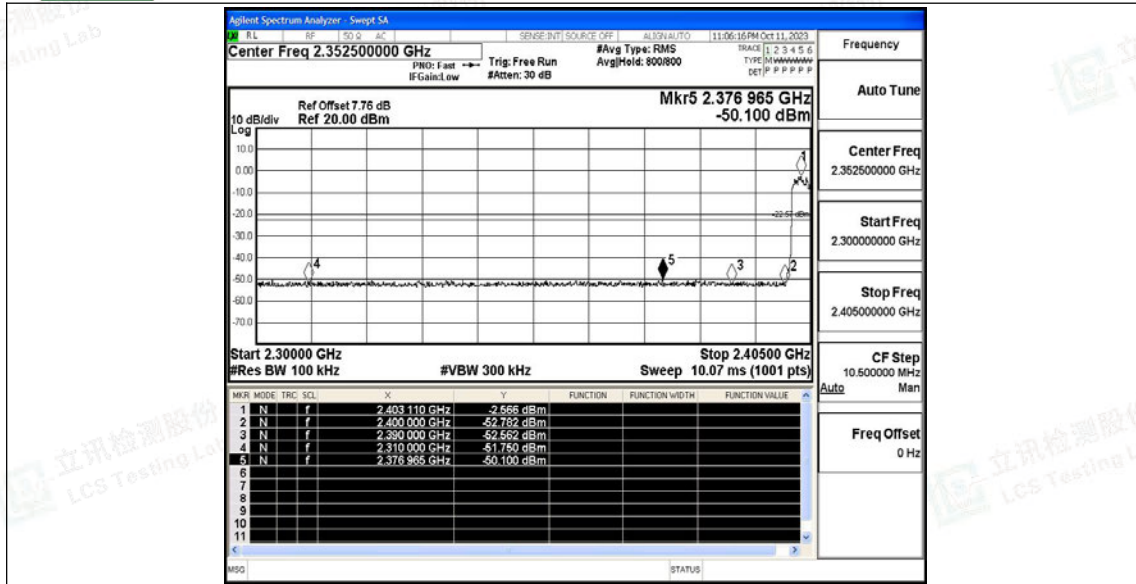


3DH5_Ant1_High_2480

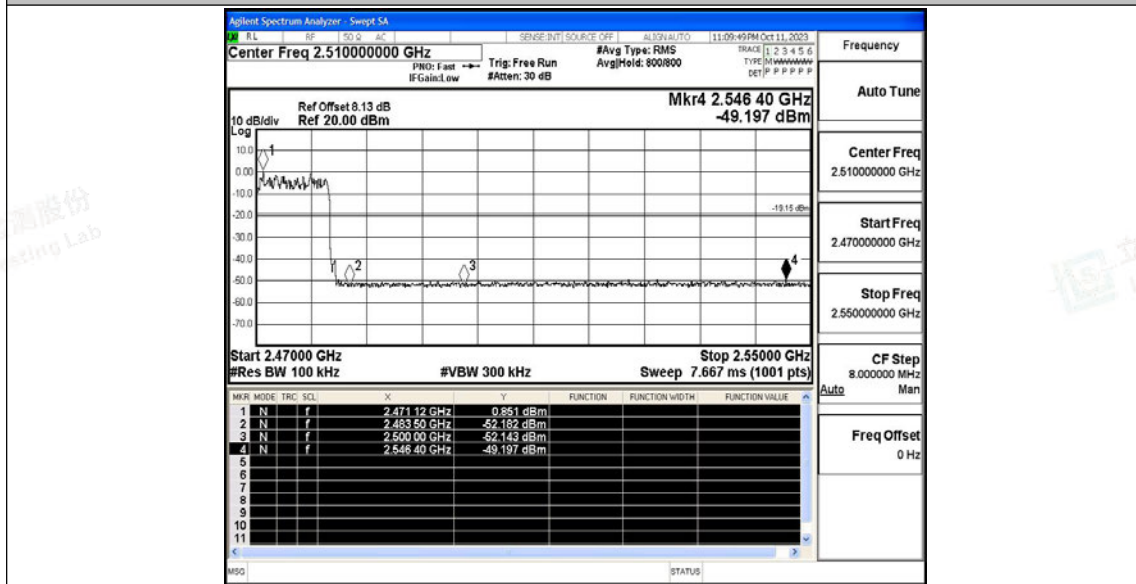


3DH5_Ant1_Low_Hop_2402





3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.38	1.38	---	PASS
			30~1000	1.38	-61.03	≤-18.62	PASS
			1000~26500	1.38	-48.59	≤-18.62	PASS
		2441	Reference	1.75	1.75	---	PASS
			30~1000	1.75	-61.07	≤-18.25	PASS
			1000~26500	1.75	-45.81	≤-18.25	PASS
		2480	Reference	1.78	1.78	---	PASS
			30~1000	1.78	-61.64	≤-18.22	PASS
			1000~26500	1.78	-48.52	≤-18.22	PASS
2DH5	Ant1	2402	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-61.66	≤-18.91	PASS
			1000~26500	1.09	-48.49	≤-18.91	PASS
		2441	Reference	1.65	1.65	---	PASS
			30~1000	1.65	-60.91	≤-18.35	PASS
			1000~26500	1.65	-49.09	≤-18.35	PASS
		2480	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-61.24	≤-18.91	PASS
			1000~26500	1.09	-47.9	≤-18.91	PASS
3DH5	Ant1	2402	Reference	0.97	0.97	---	PASS
			30~1000	0.97	-61.05	≤-19.03	PASS
			1000~26500	0.97	-48.75	≤-19.03	PASS
		2441	Reference	1.48	1.48	---	PASS
			30~1000	1.48	-61.88	≤-18.52	PASS
			1000~26500	1.48	-48.92	≤-18.52	PASS
		2480	Reference	0.55	0.55	---	PASS
			30~1000	0.55	-61.24	≤-19.45	PASS
			1000~26500	0.55	-49.43	≤-19.45	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

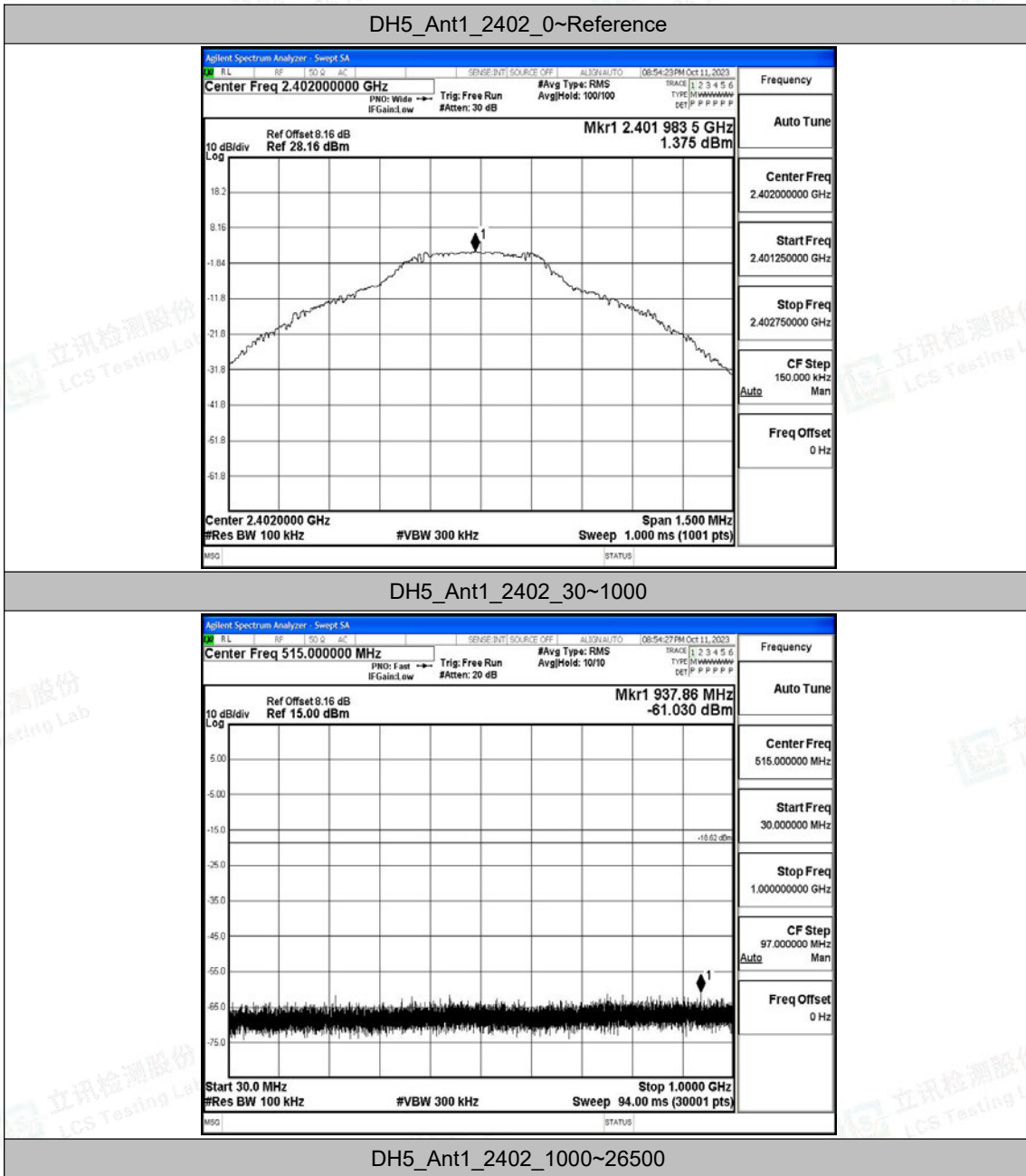
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

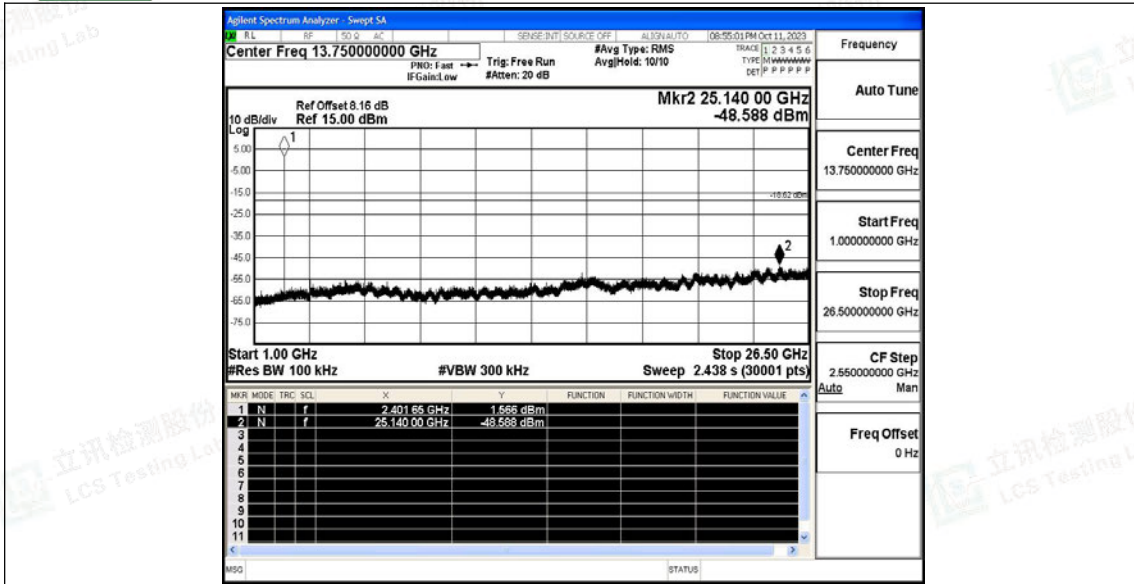
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

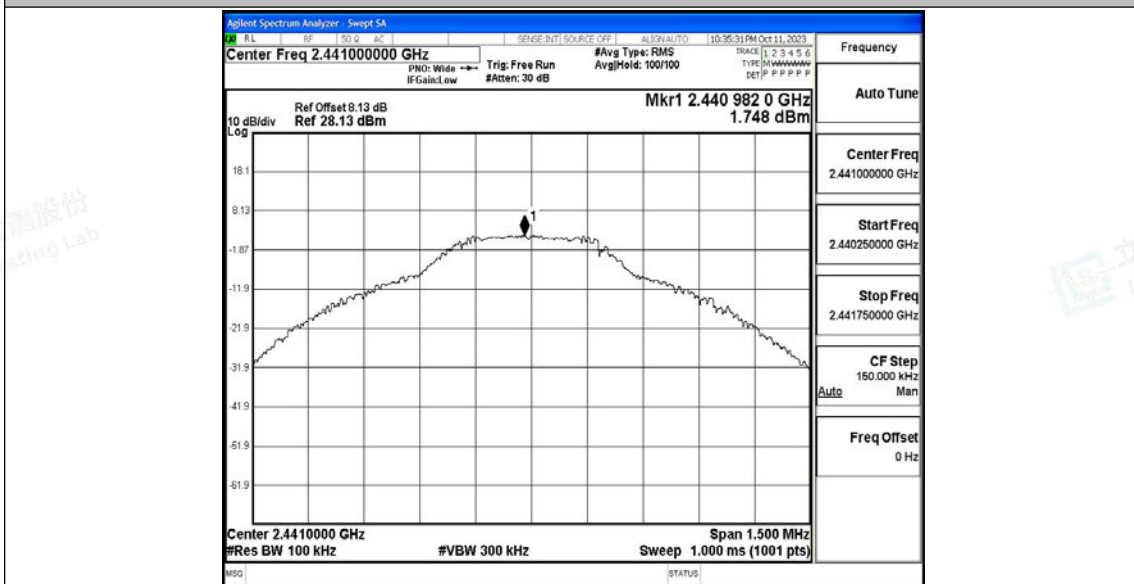


Test Graphs



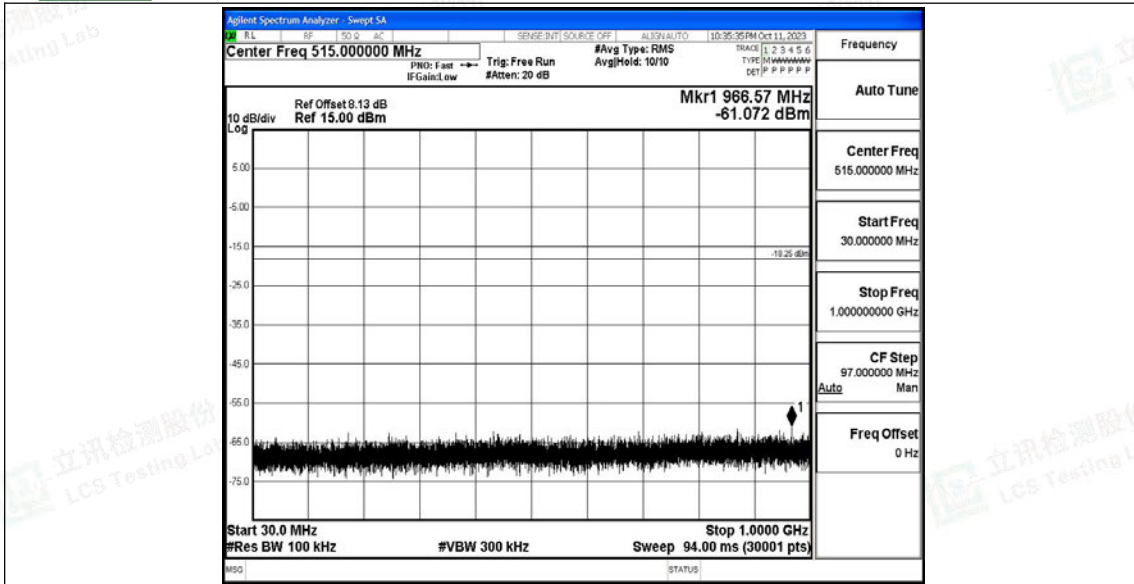


DH5_Ant1_2441_0~Reference

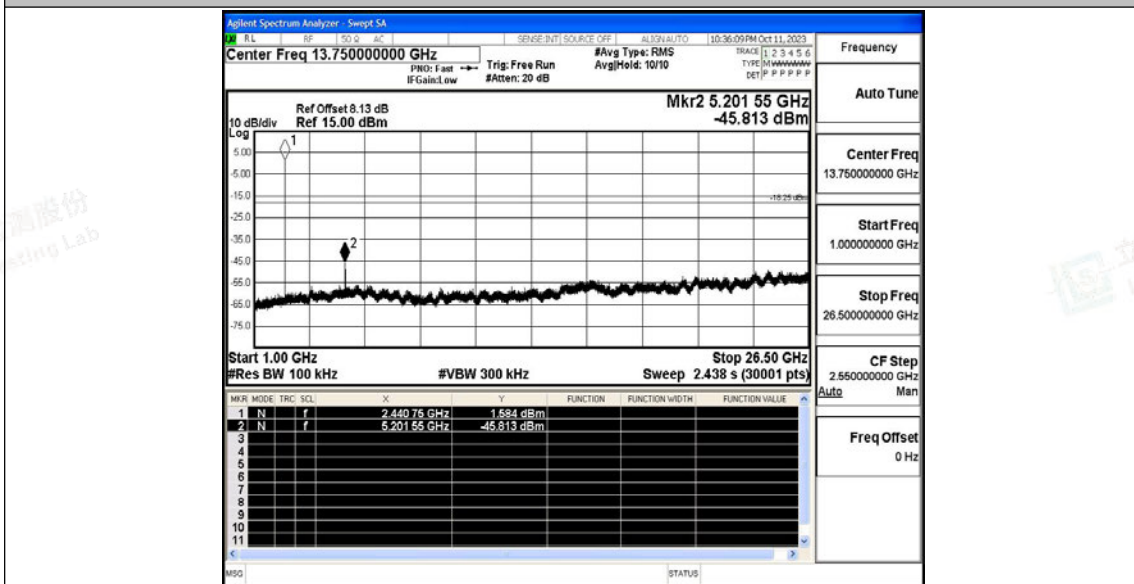


DH5_Ant1_2441_30~1000



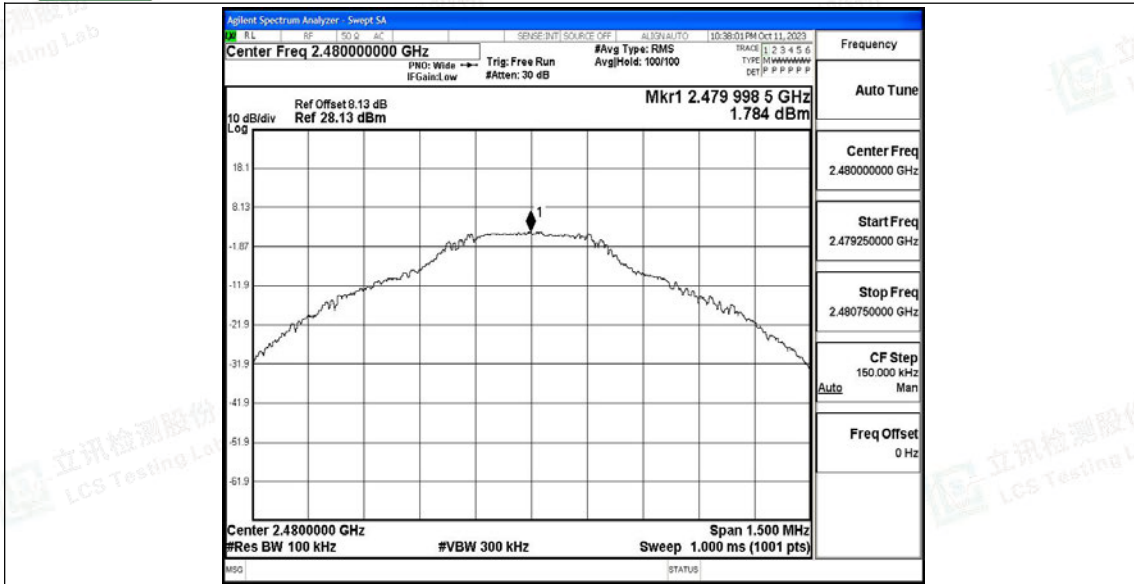


DH5_Ant1_2441_1000~26500

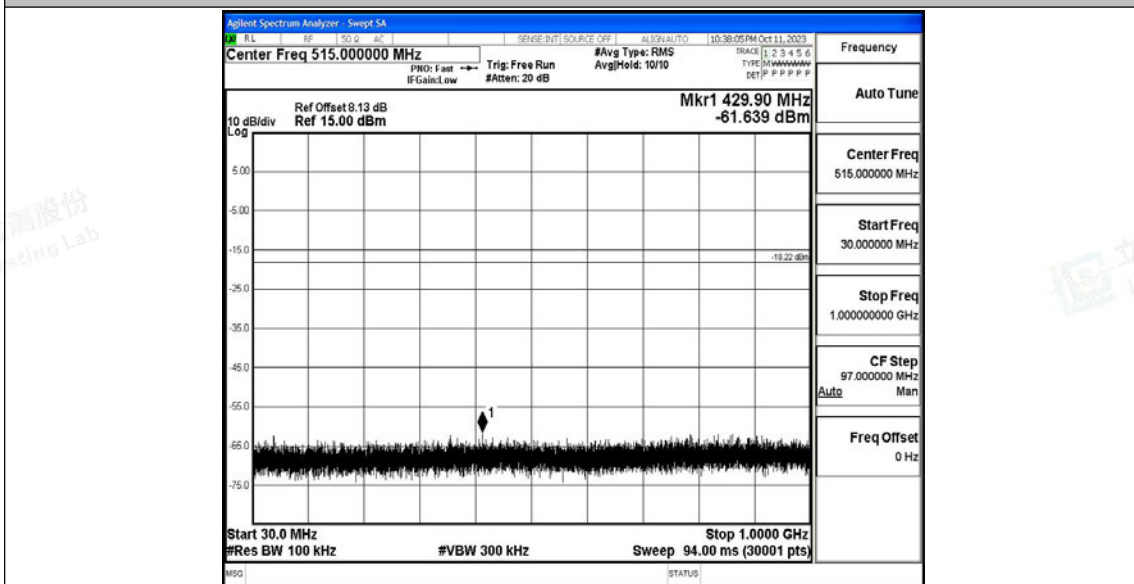


DH5_Ant1_2480_0~Reference



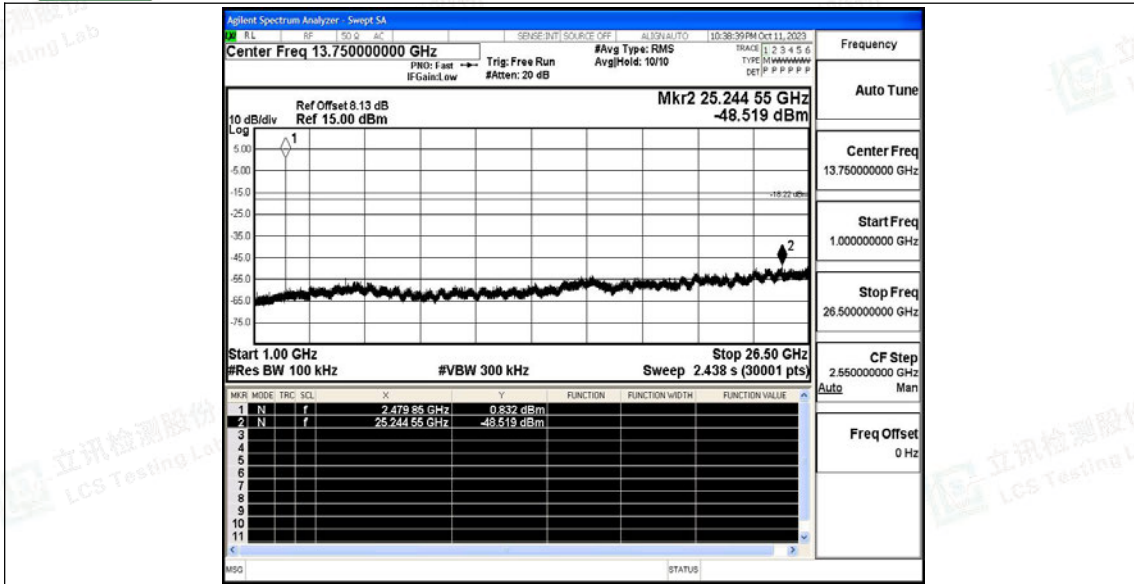


DH5_Ant1_2480_30~1000

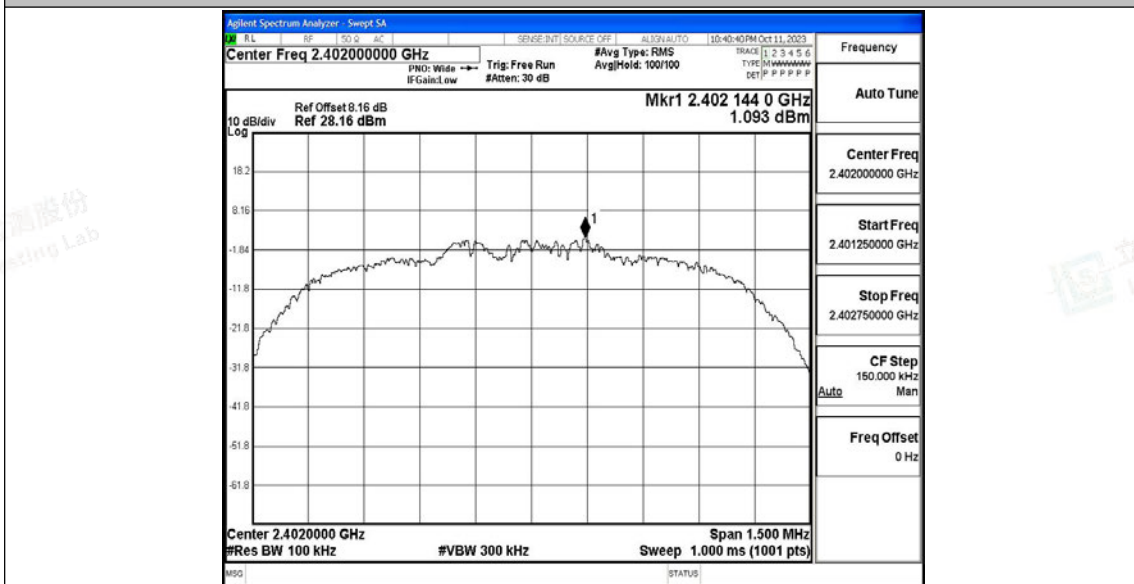


DH5_Ant1_2480_1000~26500



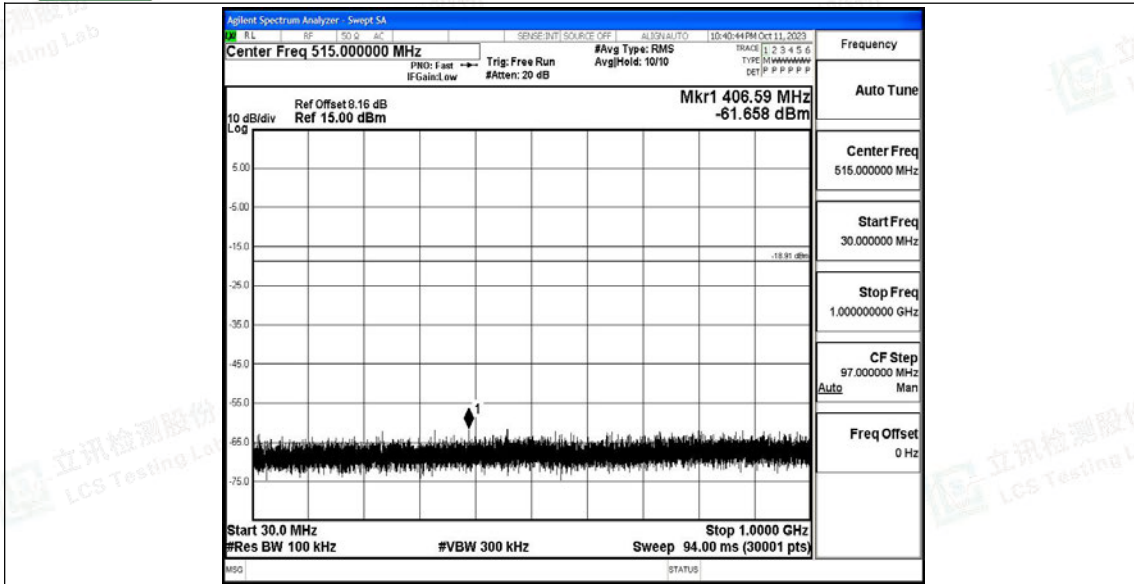


2DH5_Ant1_2402_0~Reference

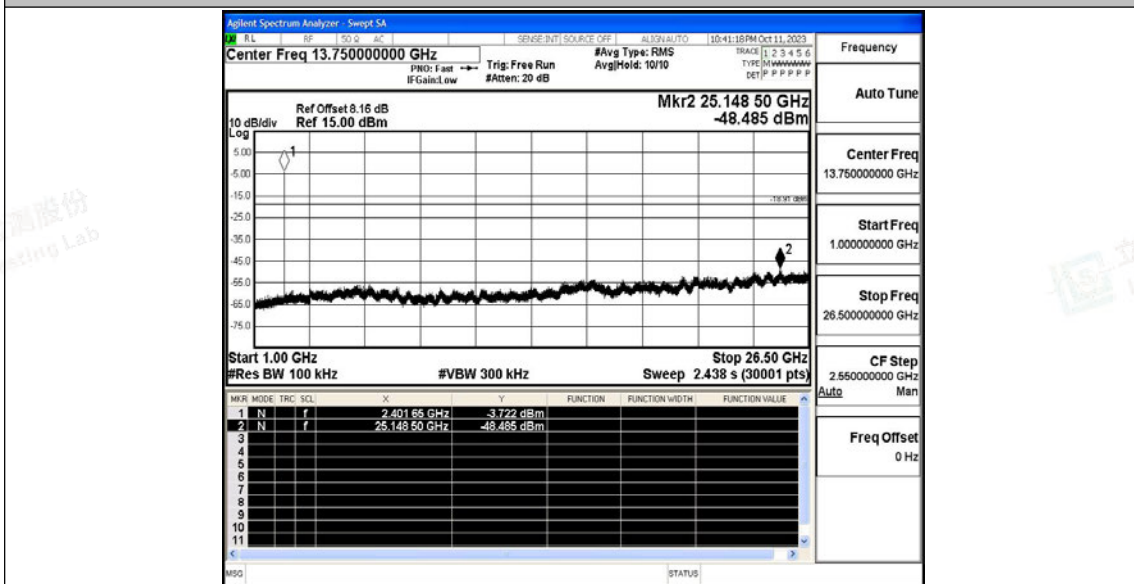


2DH5_Ant1_2402_30~1000



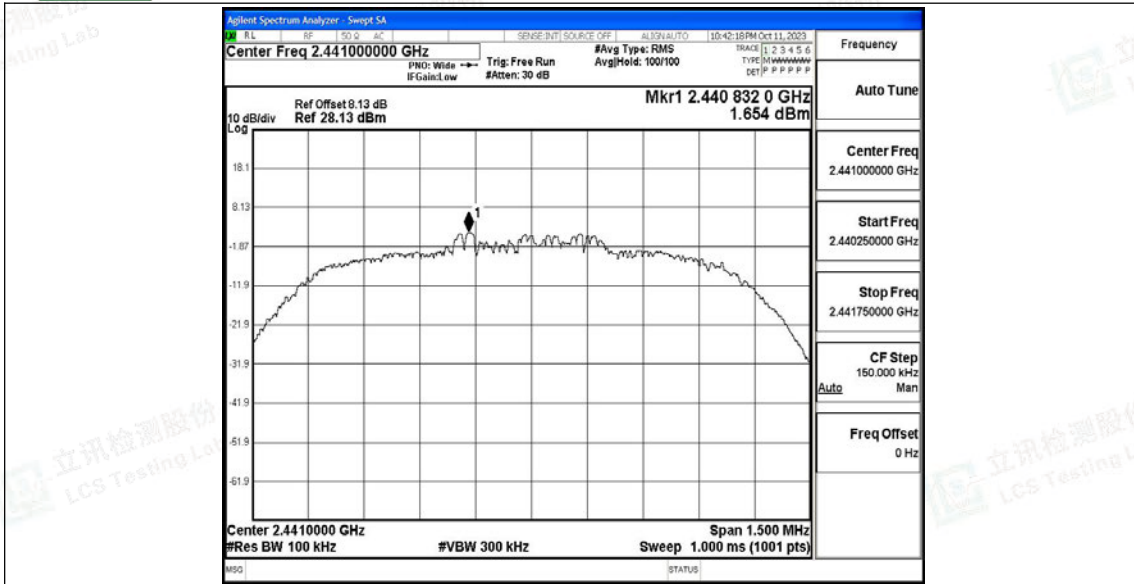


2DH5_Ant1_2402_1000~26500

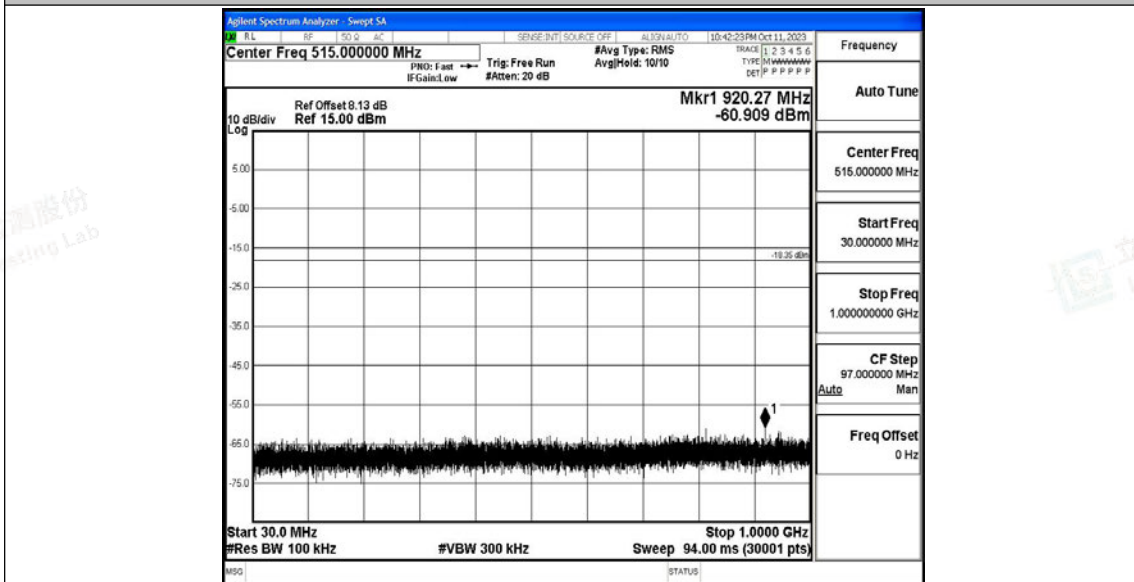


2DH5_Ant1_2441_0~Reference



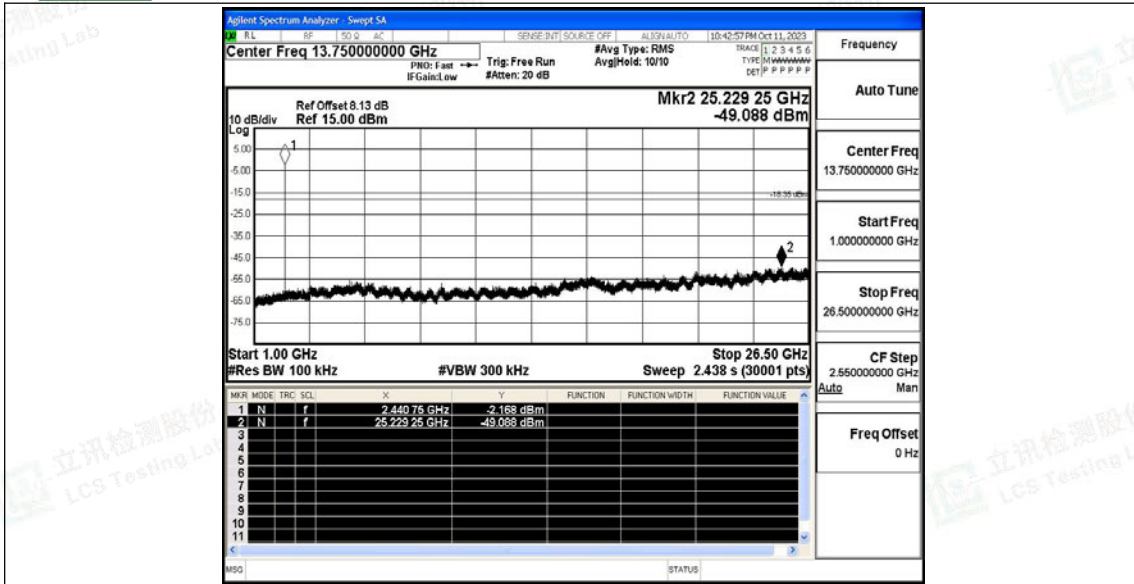


2DH5_Ant1_2441_30~1000

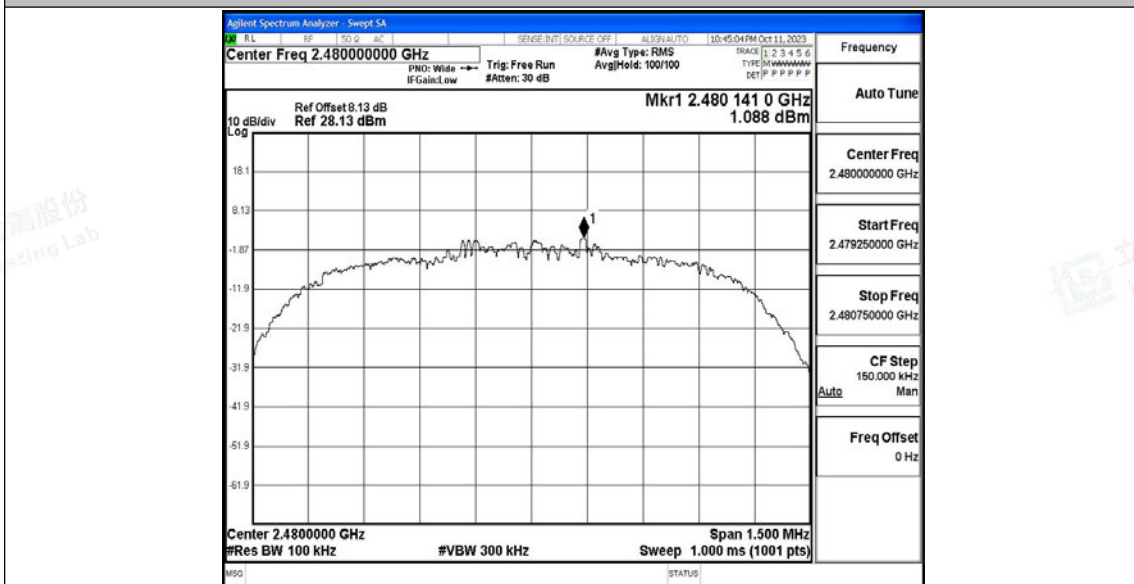


2DH5_Ant1_2441_1000~26500



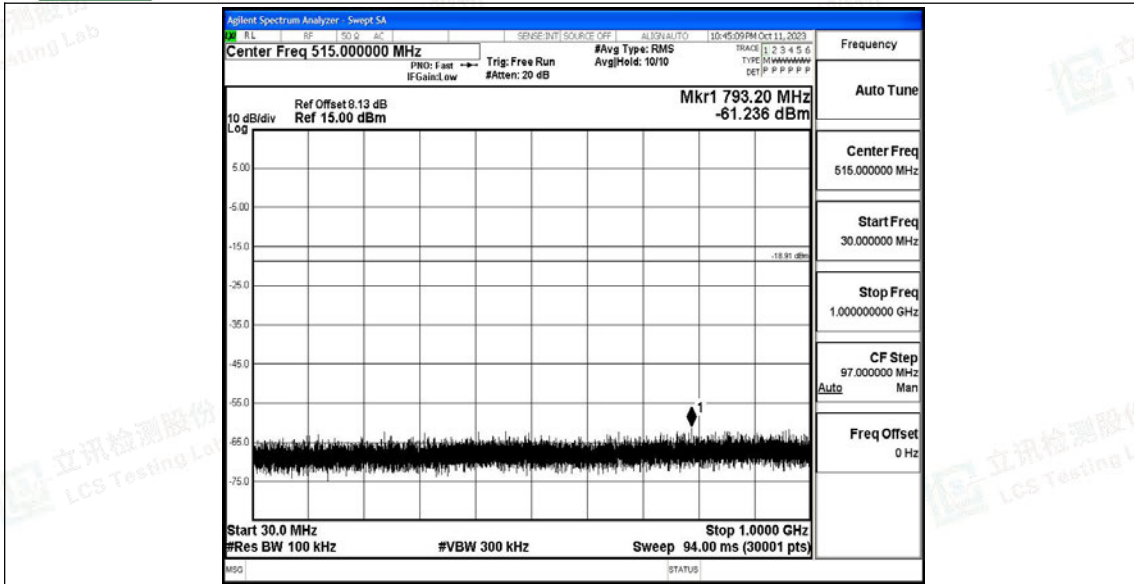


2DH5_Ant1_2480_0~Reference

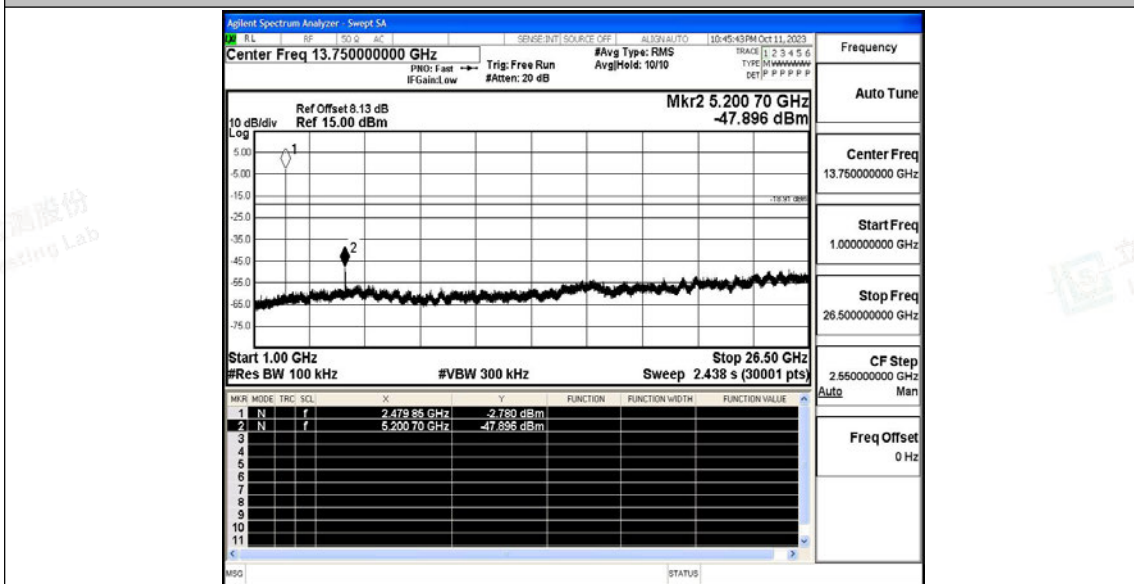


2DH5_Ant1_2480_30~1000



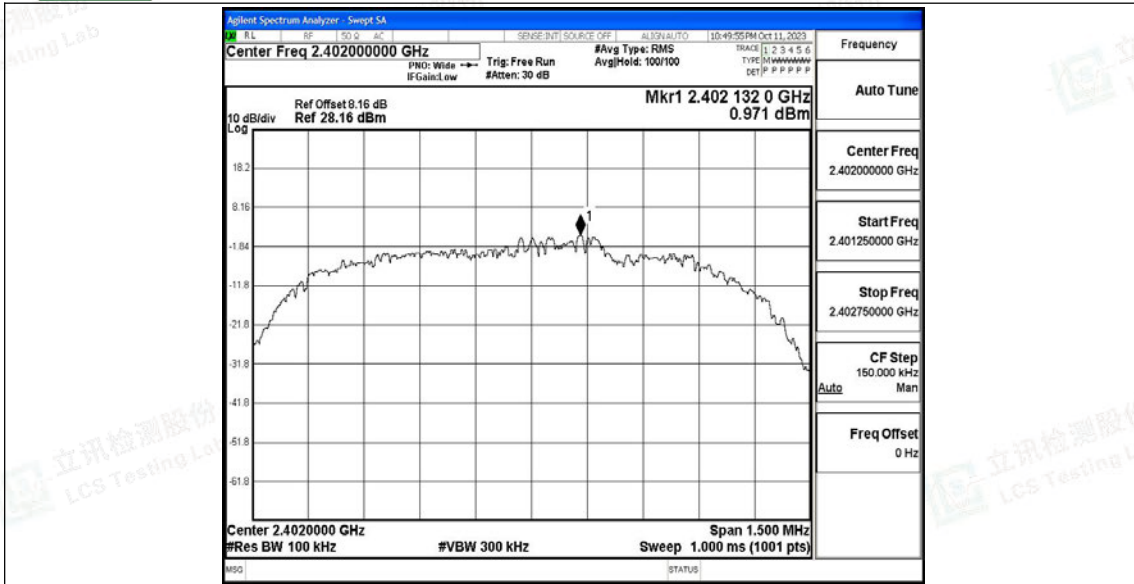


2DH5_Ant1_2480_1000~26500

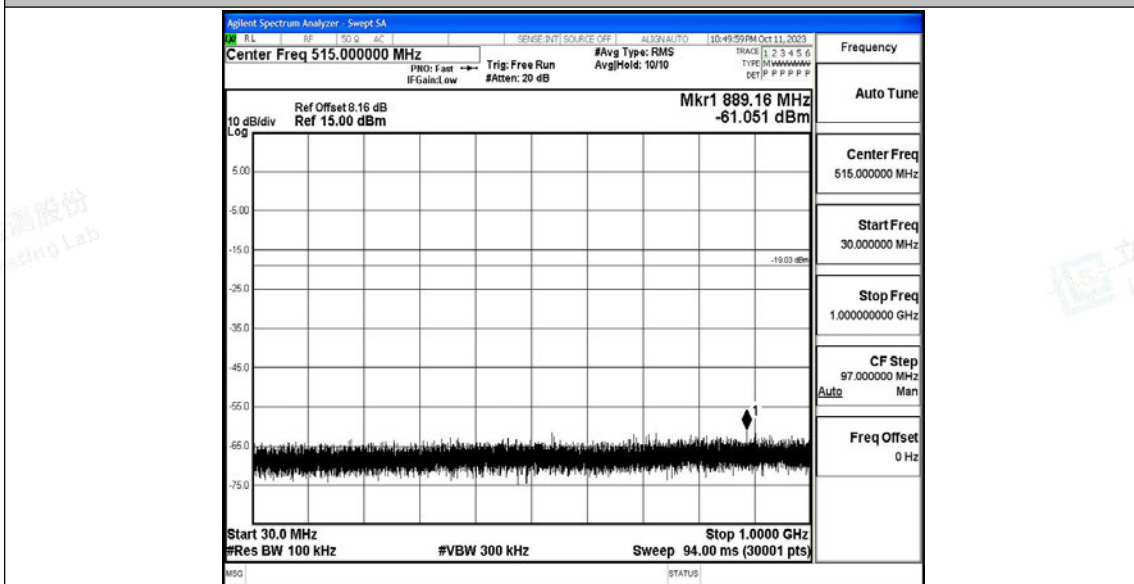


3DH5_Ant1_2402_0~Reference



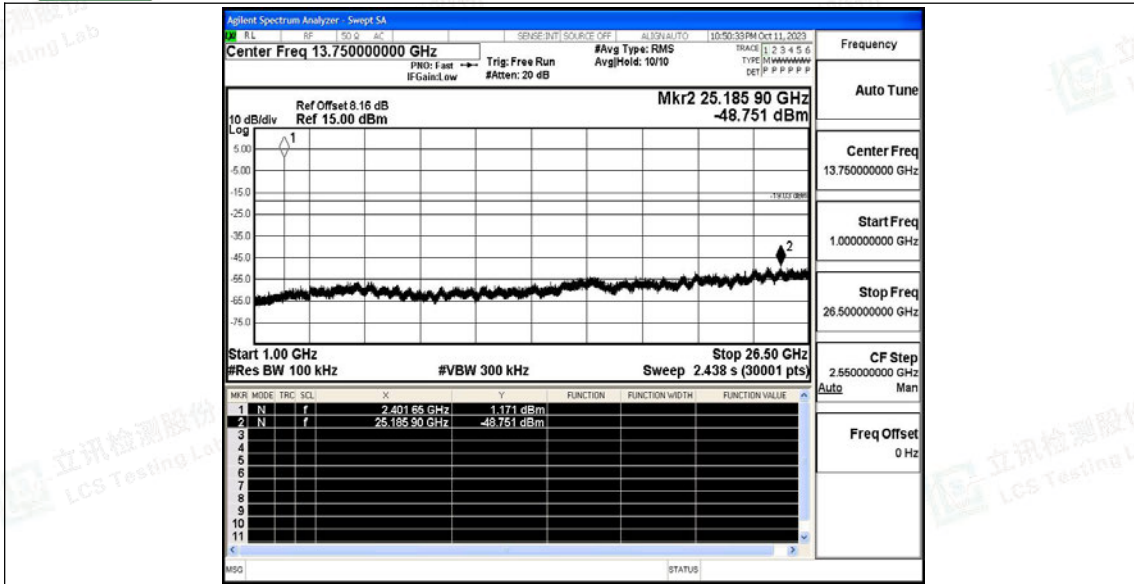


3DH5_Ant1_2402_30~1000

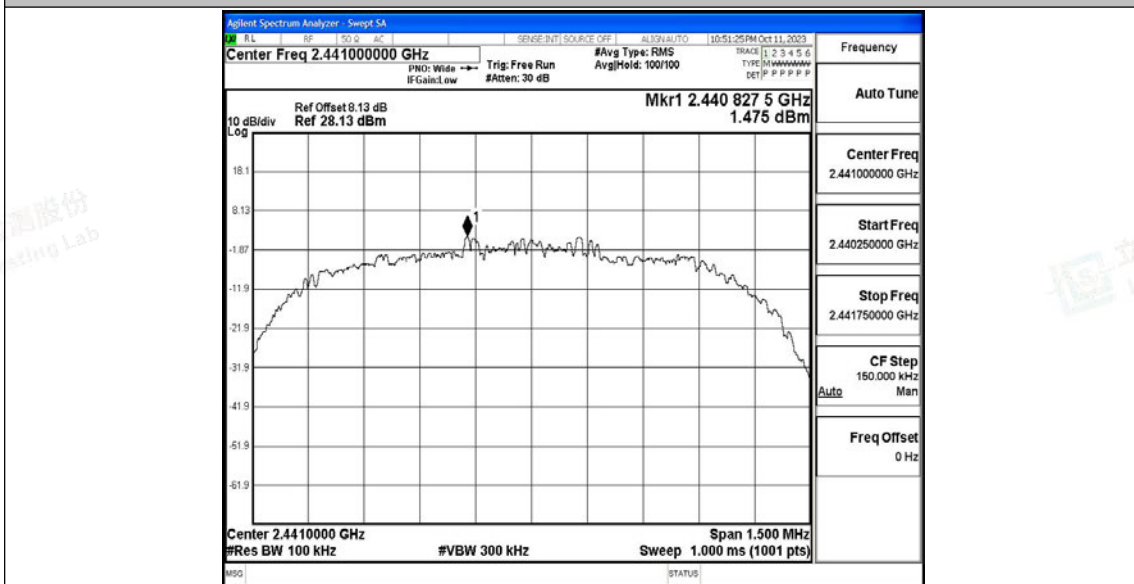


3DH5_Ant1_2402_1000~26500



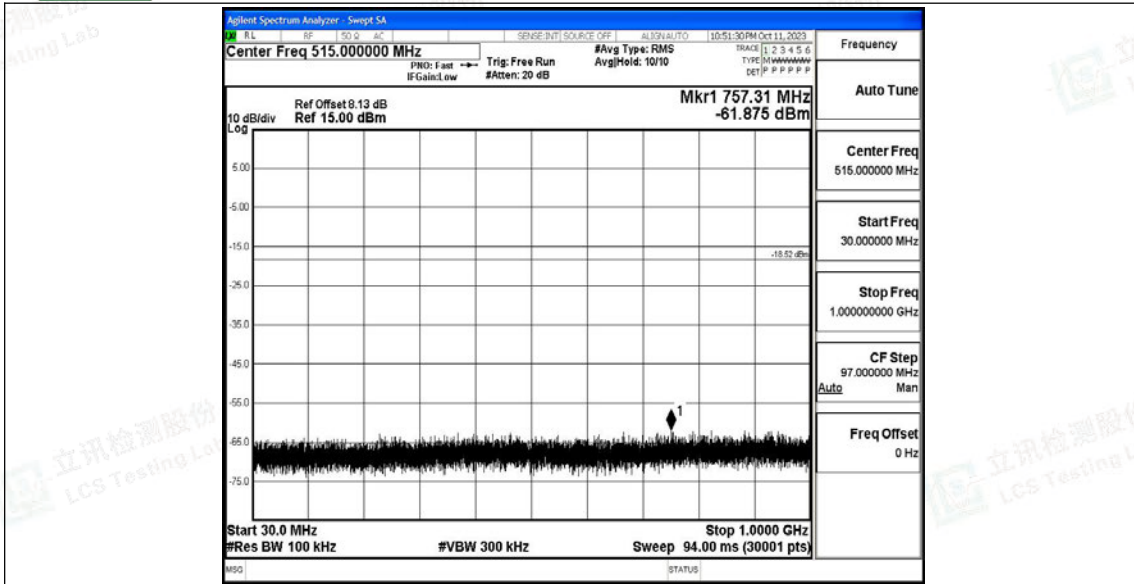


3DH5_Ant1_2441_0~Reference

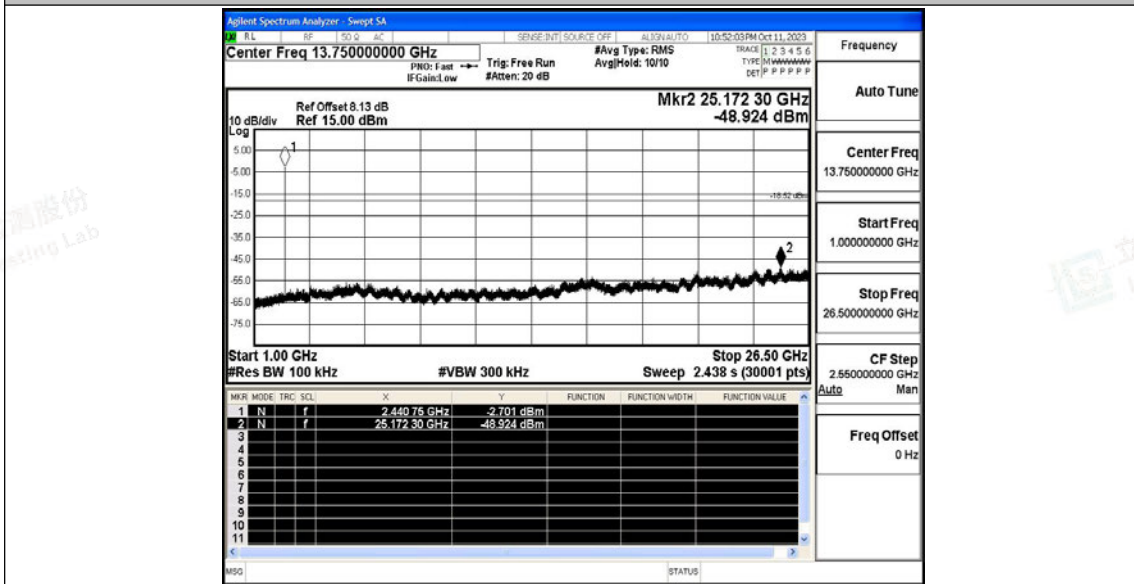


3DH5_Ant1_2441_30~1000



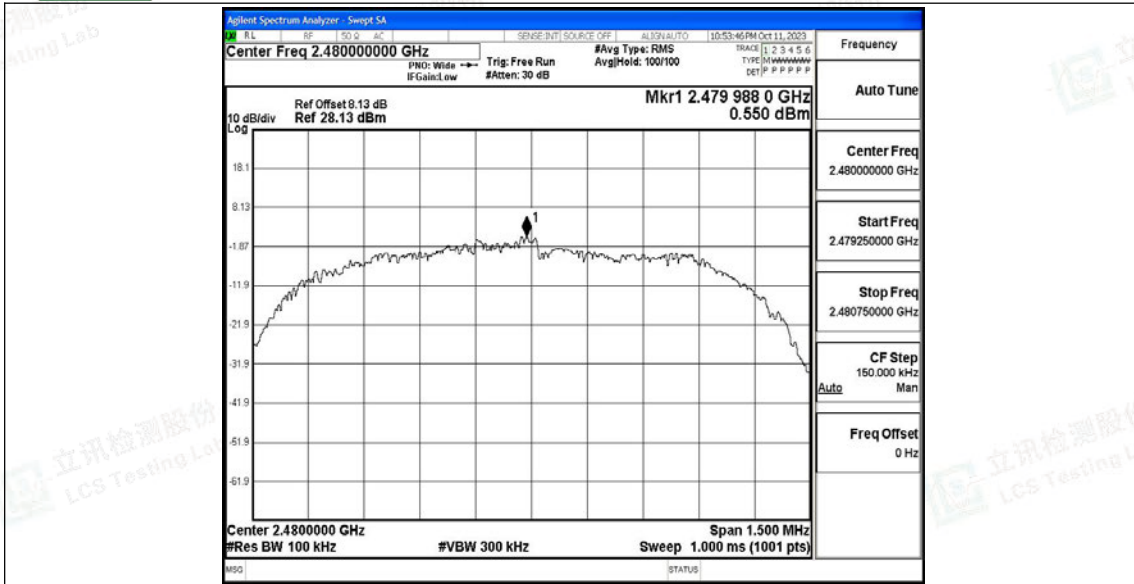


3DH5_Ant1_2441_1000~26500

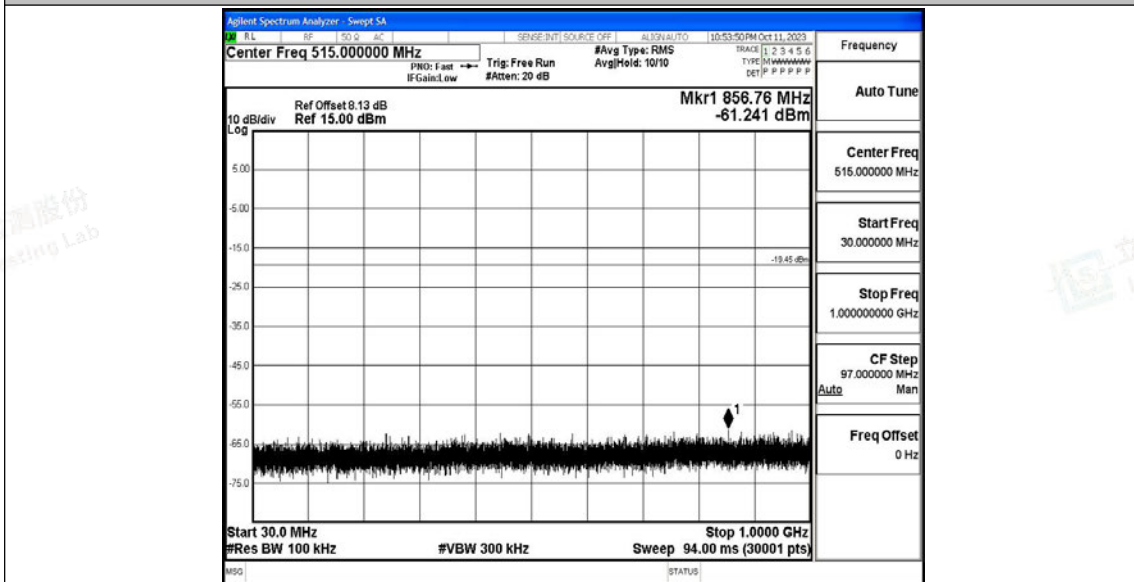


3DH5_Ant1_2480_0~Reference



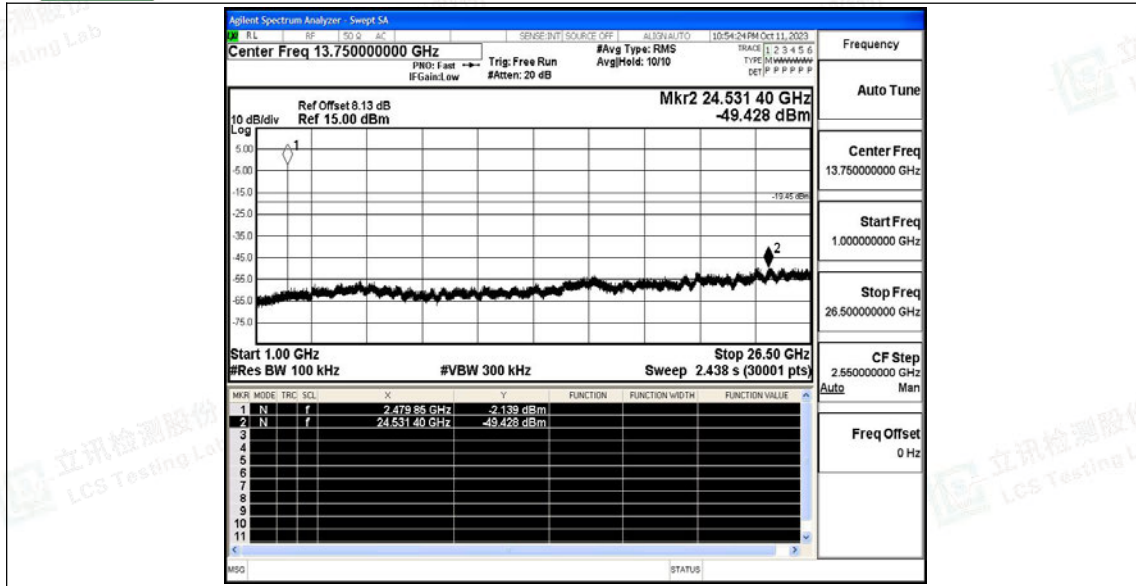


3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500







A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict		
DH5	Ant1	Low	2402	AV	2310.000	-48.95	≤-41.20	46.25	≤54	PASS		
				AV	2386.520	-48.41	≤-41.20	46.79	≤54	PASS		
				AV	2390.000	-48.51	≤-41.20	46.69	≤54	PASS		
				Peak	2310.000	-41.4	≤-21.20	53.80	≤74	PASS		
				Peak	2386.100	-39.24	≤-21.20	55.96	≤74	PASS		
				Peak	2390.000	-44.7	≤-21.20	50.50	≤74	PASS		
		High	2480	AV	2483.500	-48.21	≤-41.20	46.99	≤54	PASS		
				AV	2483.520	-48.21	≤-41.20	46.99	≤54	PASS		
				AV	2500.000	-48.58	≤-41.20	46.62	≤54	PASS		
				Peak	2483.500	-41.89	≤-21.20	53.31	≤74	PASS		
				Peak	2492.960	-38.61	≤-21.20	56.59	≤74	PASS		
				Peak	2500.000	-43.75	≤-21.20	51.45	≤74	PASS		
		Low	Hop_2402	Peak	2310.000	-40.55	≤-21.20	54.65	≤74	PASS		
				Peak	2369.405	-38.63	≤-21.20	56.57	≤74	PASS		
				Peak	2390.000	-40.55	≤-21.20	54.65	≤74	PASS		
		High	Hop_2480	Peak	2483.500	-39.73	≤-21.20	55.47	≤74	PASS		
				Peak	2498.240	-38.09	≤-21.20	57.11	≤74	PASS		
				Peak	2500.000	-39.44	≤-21.20	55.76	≤74	PASS		
		2DH5	Ant1	Low	2402	AV	2310.000	-49.06	≤-41.20	46.14	≤54	PASS
						AV	2387.780	-48.49	≤-41.20	46.71	≤54	PASS
						AV	2390.000	-48.7	≤-41.20	46.50	≤54	PASS
Peak	2310.000					-43.86	≤-21.20	51.34	≤74	PASS		
Peak	2388.095					-39.62	≤-21.20	55.58	≤74	PASS		
Peak	2390.000					-44.31	≤-21.20	50.89	≤74	PASS		
High	2480			AV	2483.500	-48.07	≤-41.20	47.13	≤54	PASS		
				AV	2483.520	-48.07	≤-41.20	47.13	≤54	PASS		
				AV	2500.000	-48.54	≤-41.20	46.66	≤54	PASS		
				Peak	2483.500	-44.98	≤-21.20	50.22	≤74	PASS		
				Peak	2496.000	-40.12	≤-21.20	55.08	≤74	PASS		
				Peak	2500.000	-43.65	≤-21.20	51.55	≤74	PASS		
Low	Hop_2402			Peak	2310.000	-40.22	≤-21.20	54.98	≤74	PASS		
				Peak	2387.360	-38.04	≤-21.20	57.16	≤74	PASS		
				Peak	2390.000	-40.31	≤-21.20	54.89	≤74	PASS		
High	Hop_2480			Peak	2483.500	-39.67	≤-21.20	55.53	≤74	PASS		
				Peak	2500.000	-38.35	≤-21.20	56.85	≤74	PASS		



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Scan code to check authenticity



3DH5	Ant1	Low	2402	AV	2310.000	-49.08	≤-41.20	46.12	≤54	PASS
				AV	2378.645	-48.45	≤-41.20	46.75	≤54	PASS
				AV	2390.000	-48.63	≤-41.20	46.57	≤54	PASS
				Peak	2310.000	-44.91	≤-21.20	50.29	≤74	PASS
				Peak	2336.750	-39.11	≤-21.20	56.09	≤74	PASS
				Peak	2390.000	-43.88	≤-21.20	51.32	≤74	PASS
		High	2480	AV	2483.500	-48.04	≤-41.20	47.16	≤54	PASS
				AV	2483.520	-48.04	≤-41.20	47.16	≤54	PASS
				AV	2500.000	-48.47	≤-41.20	46.73	≤54	PASS
				Peak	2483.500	-42.92	≤-21.20	52.28	≤74	PASS
				Peak	2491.280	-39.71	≤-21.20	55.49	≤74	PASS
				Peak	2500.000	-42.73	≤-21.20	52.47	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-40.37	≤-21.20	54.83	≤74	PASS
				Peak	2363.525	-38.05	≤-21.20	57.15	≤74	PASS
				Peak	2390.000	-40.96	≤-21.20	54.24	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-39.76	≤-21.20	55.44	≤74	PASS
				Peak	2490.720	-37.58	≤-21.20	57.62	≤74	PASS
				Peak	2500.000	-40.05	≤-21.20	55.15	≤74	PASS

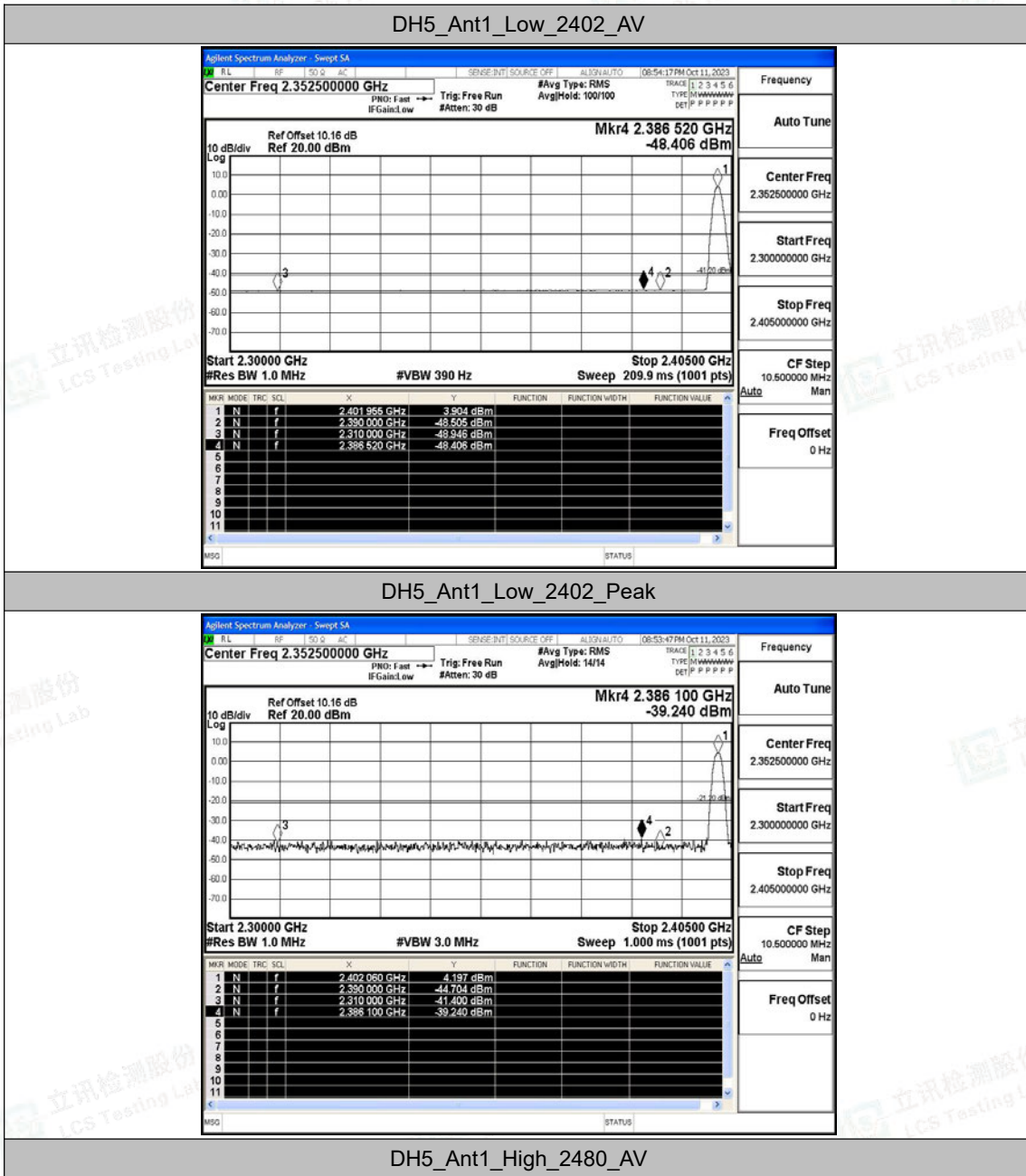
Note:

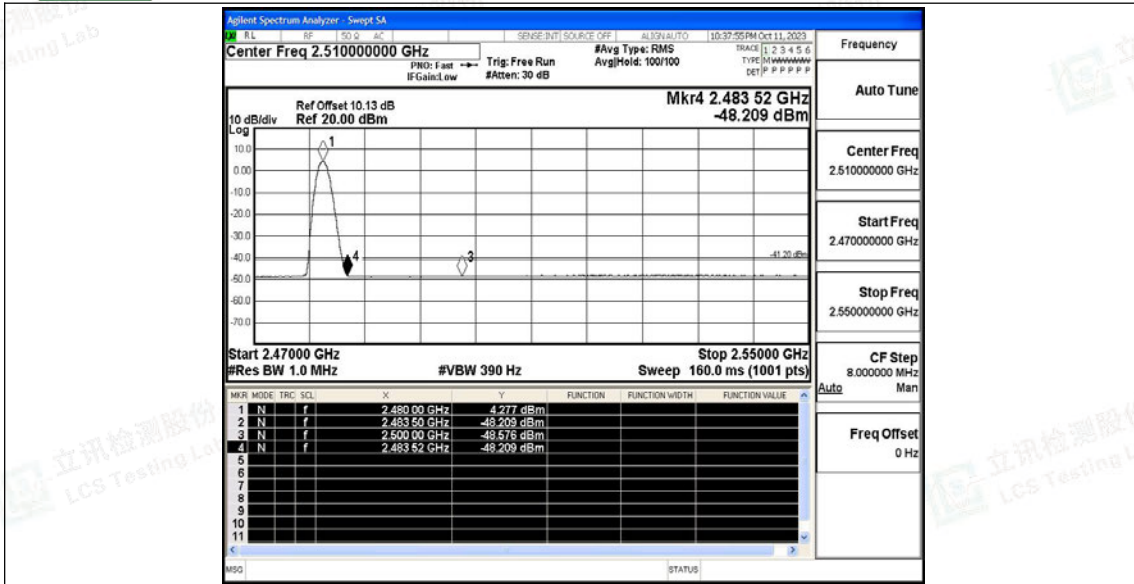
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



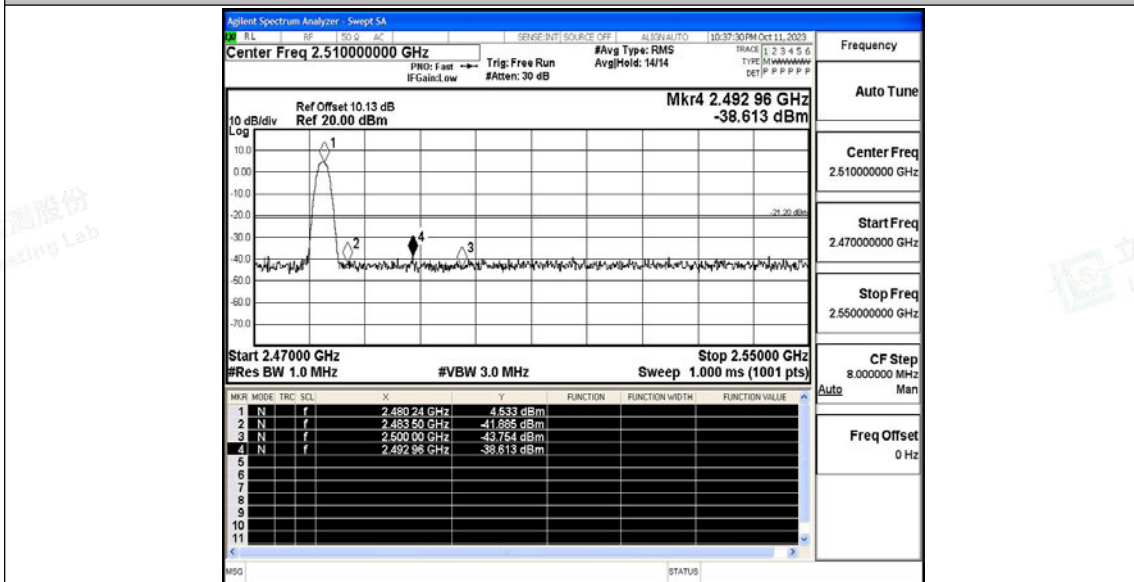


Test Graphs



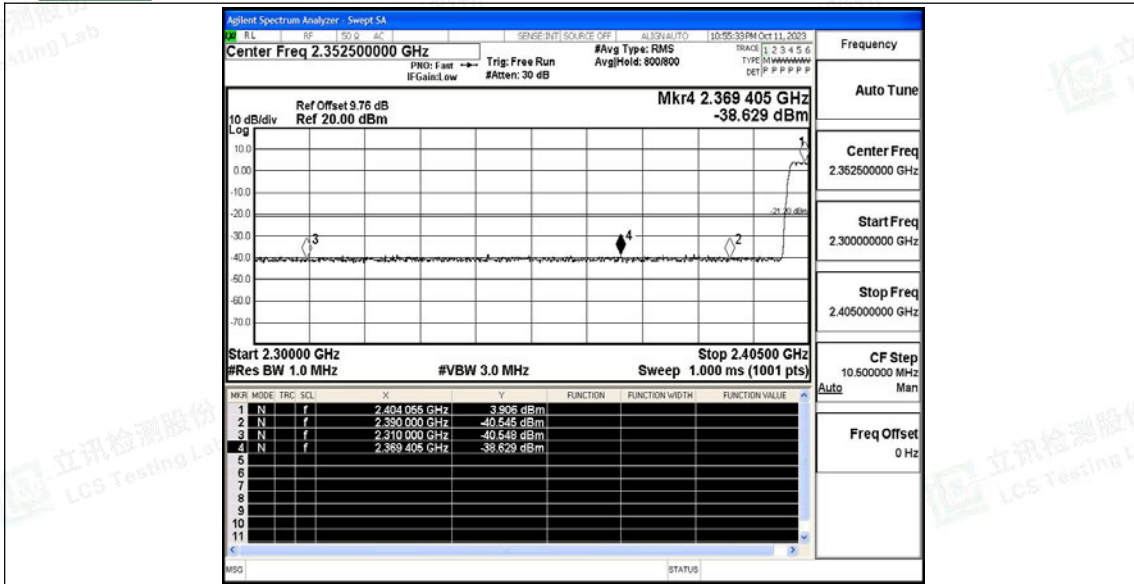


DH5_Ant1_High_2480_Peak

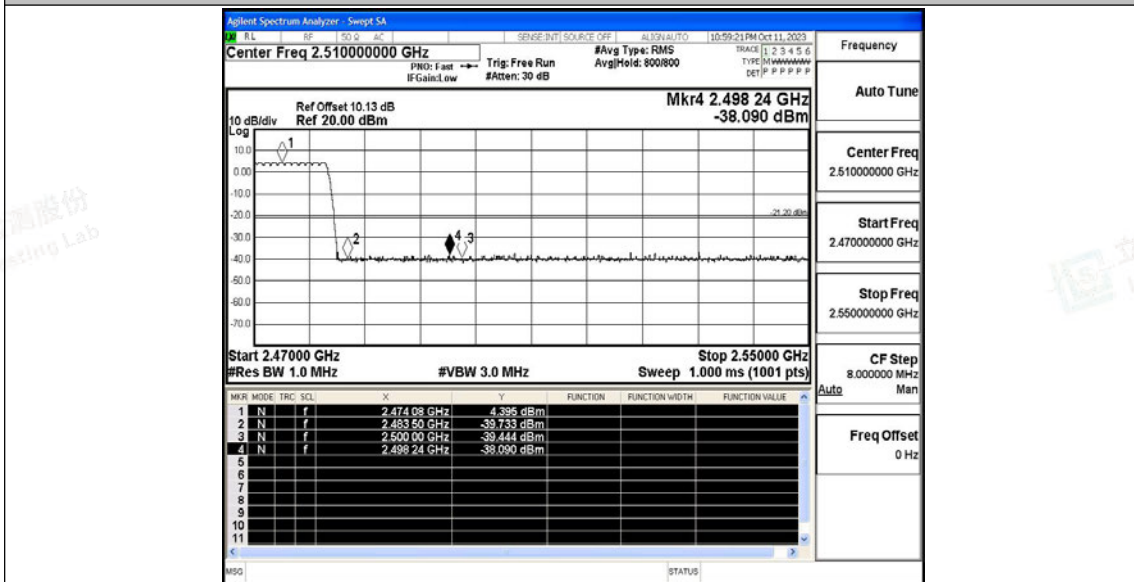


DH5_Ant1_Low_Hop_2402_Peak



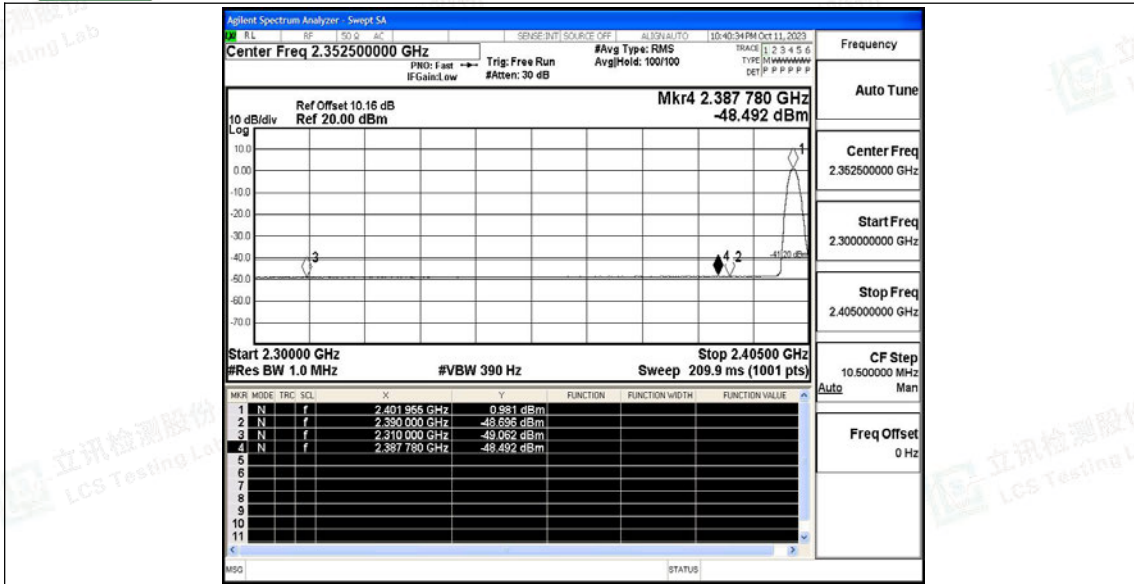


DH5_Ant1_High_Hop_2480_Peak

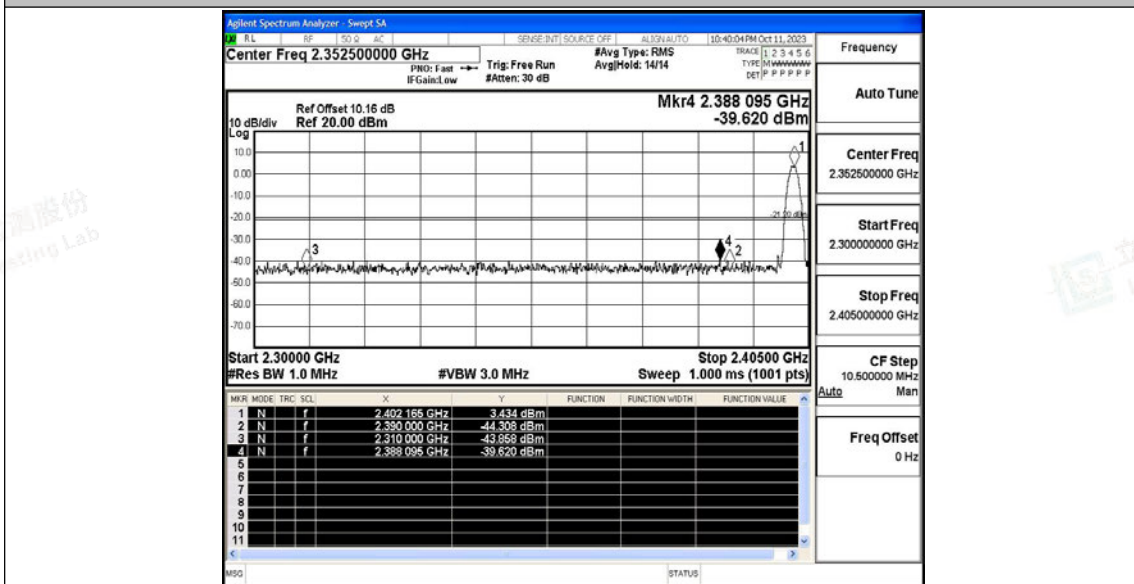


2DH5_Ant1_Low_2402_AV



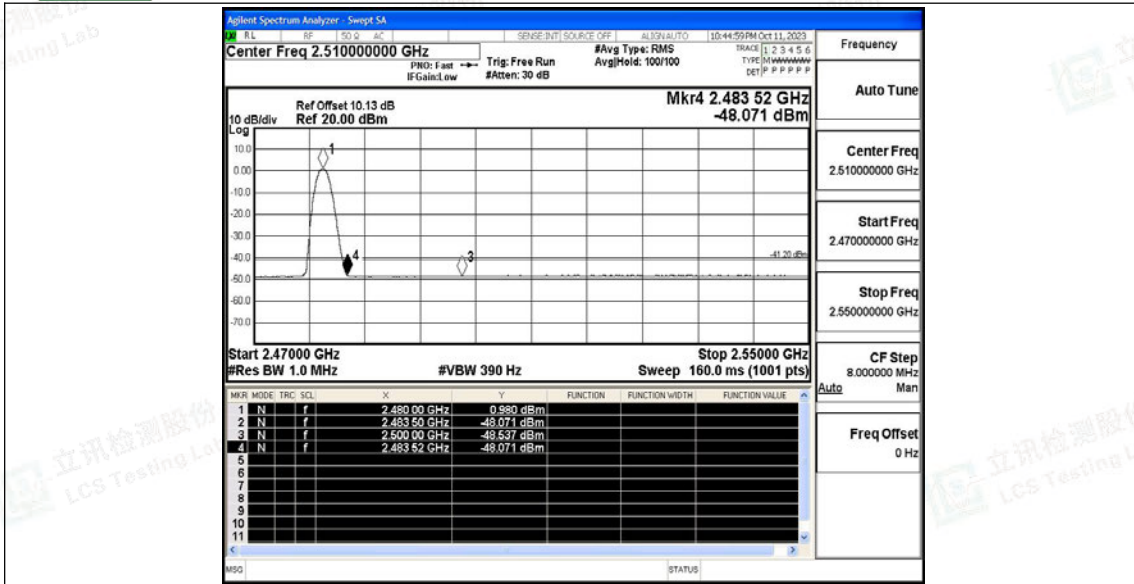


2DH5_Ant1_Low_2402_Peak

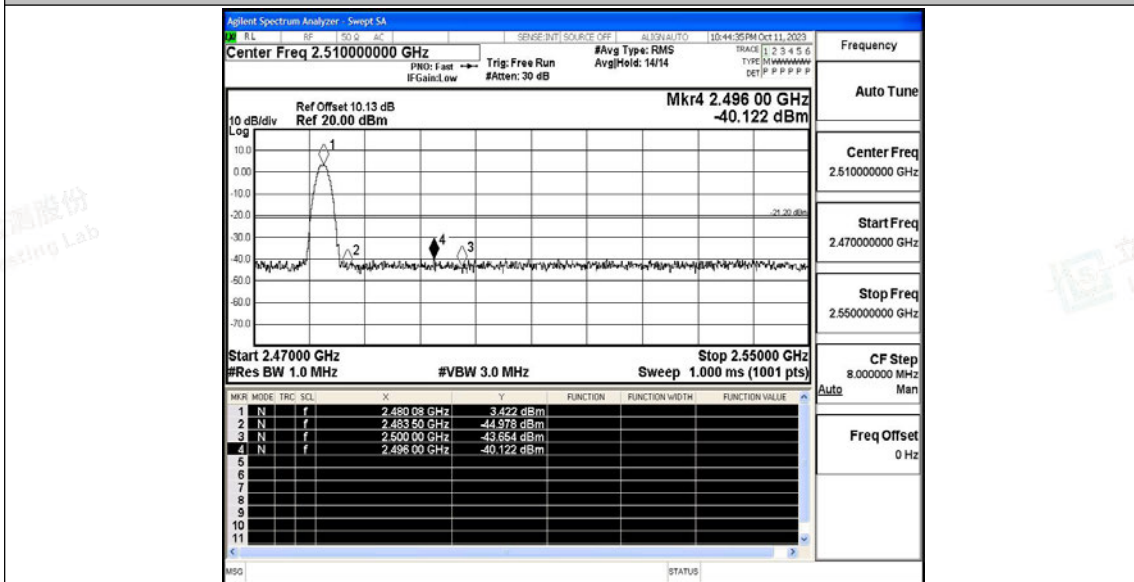


2DH5_Ant1_High_2480_AV



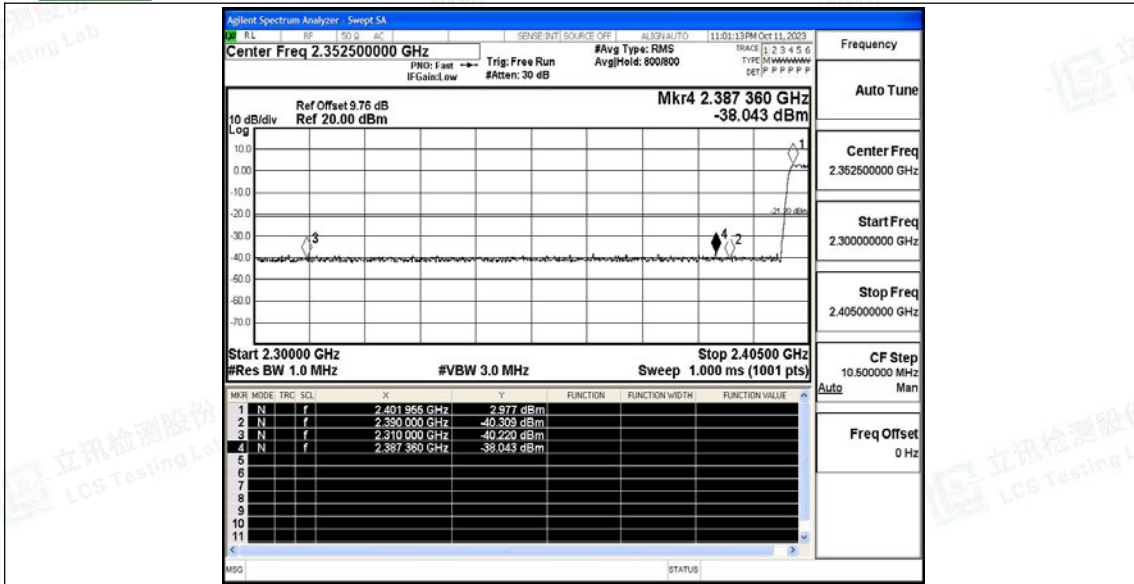


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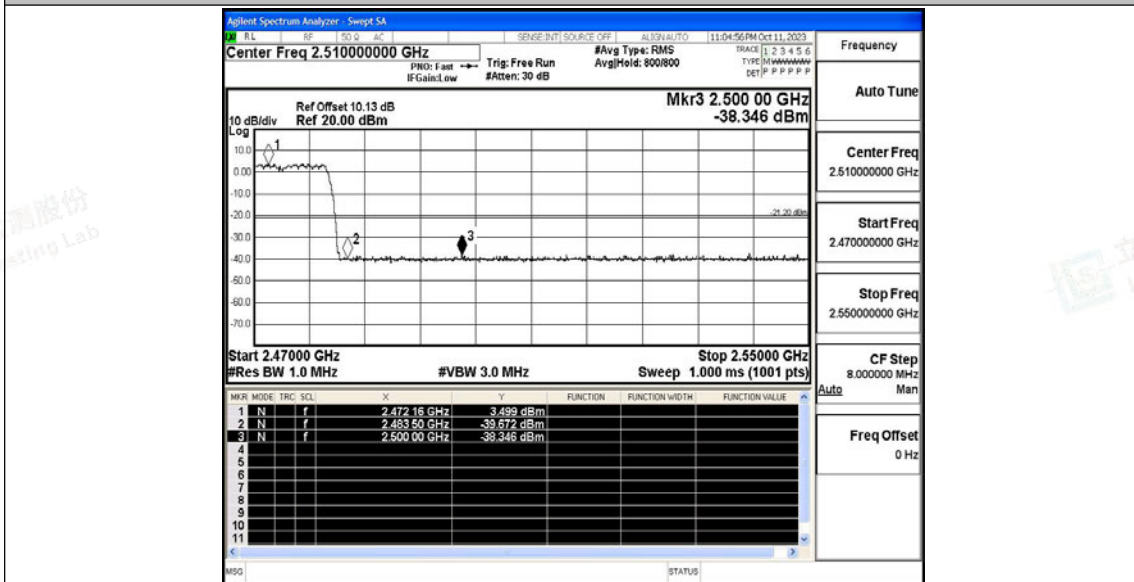


2DH5_Ant1_Low_Hop_2402_Peak



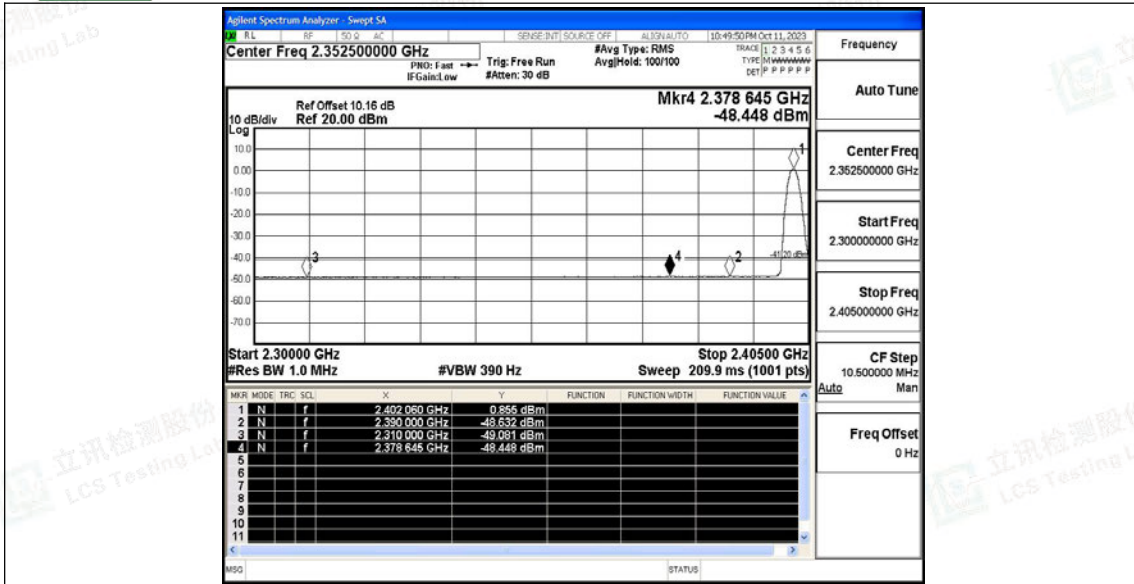


2DH5_Ant1_High_Hop_2480_Peak

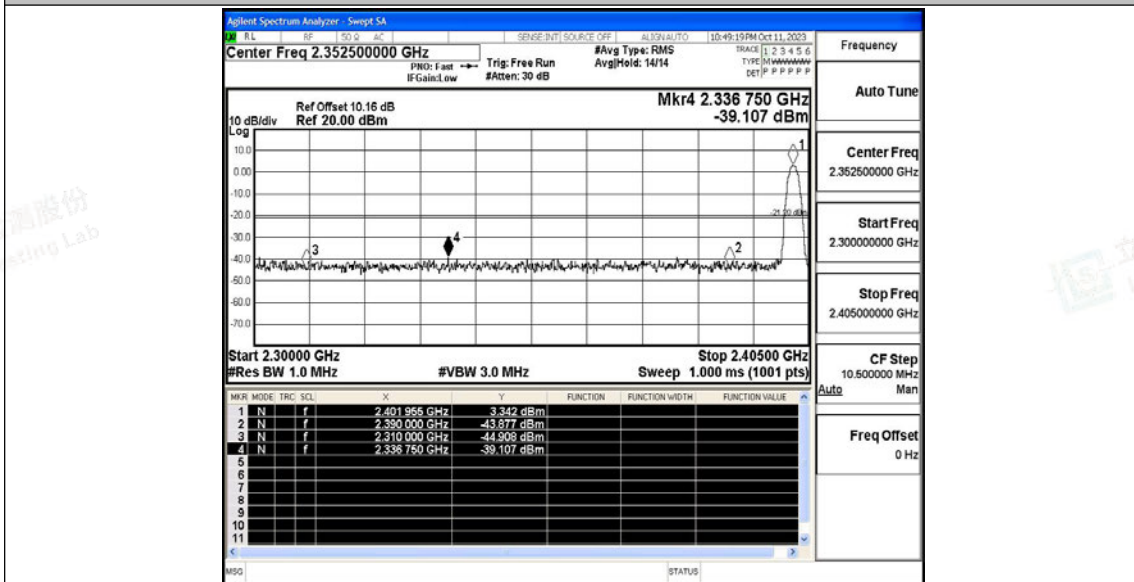


3DH5_Ant1_Low_2402_AV



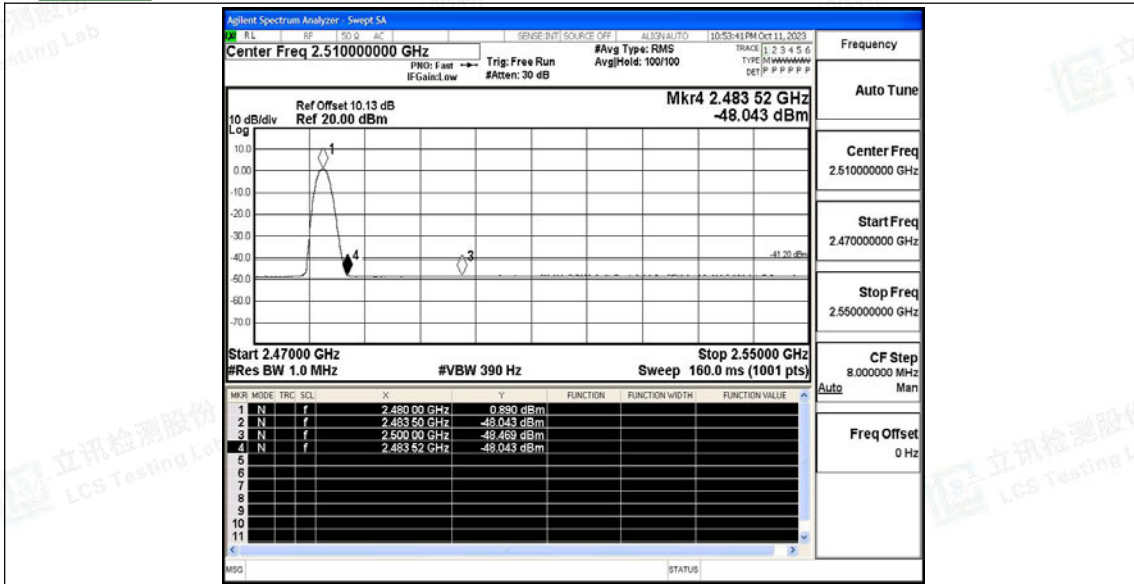


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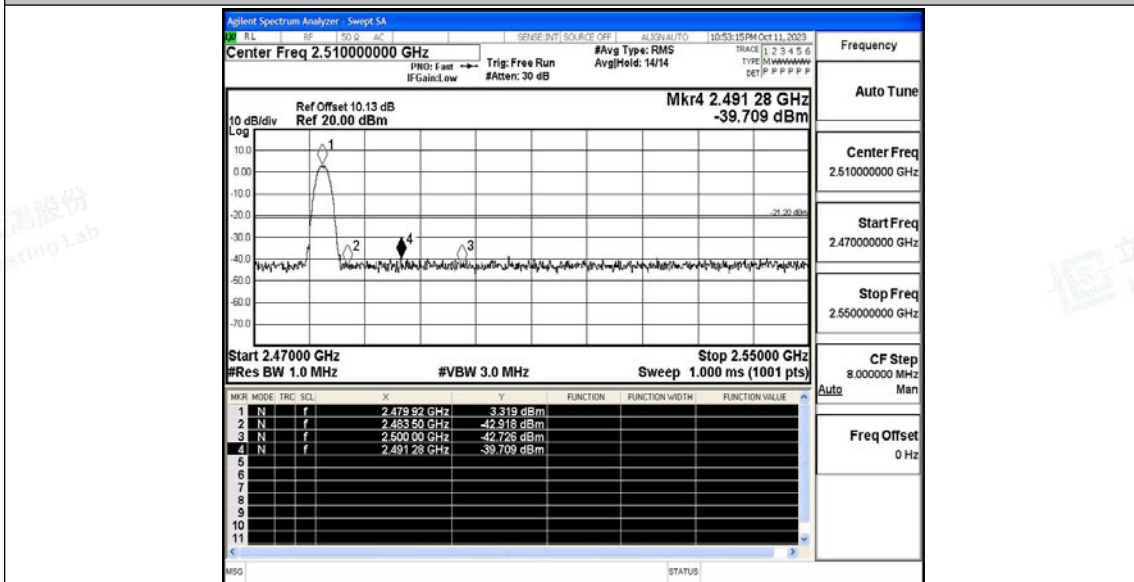


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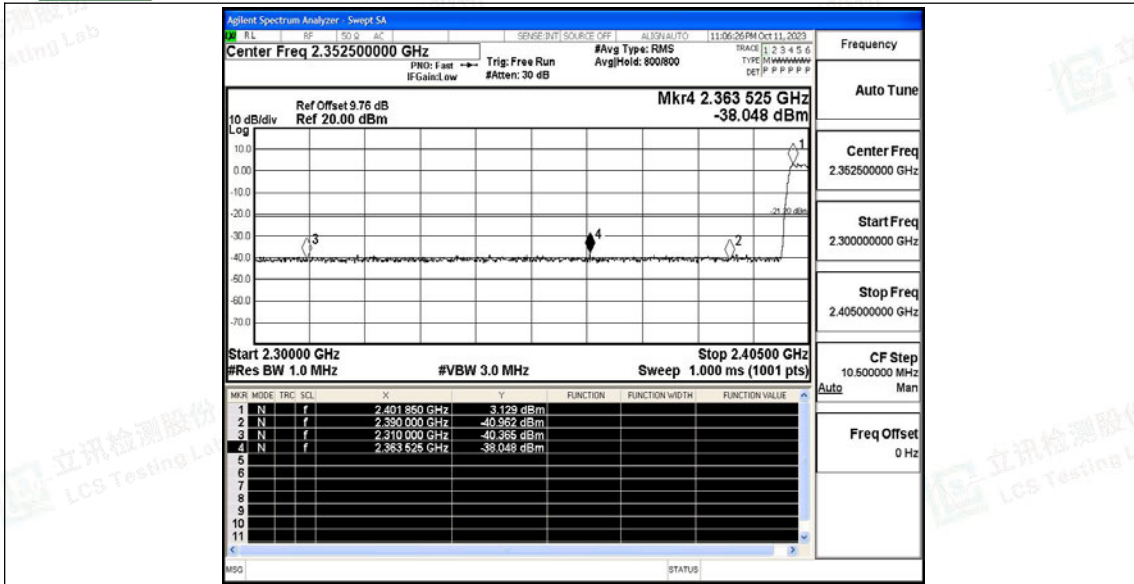


3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak





3DH5_Ant1_High_Hop_2480_Peak

