



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: Puya

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

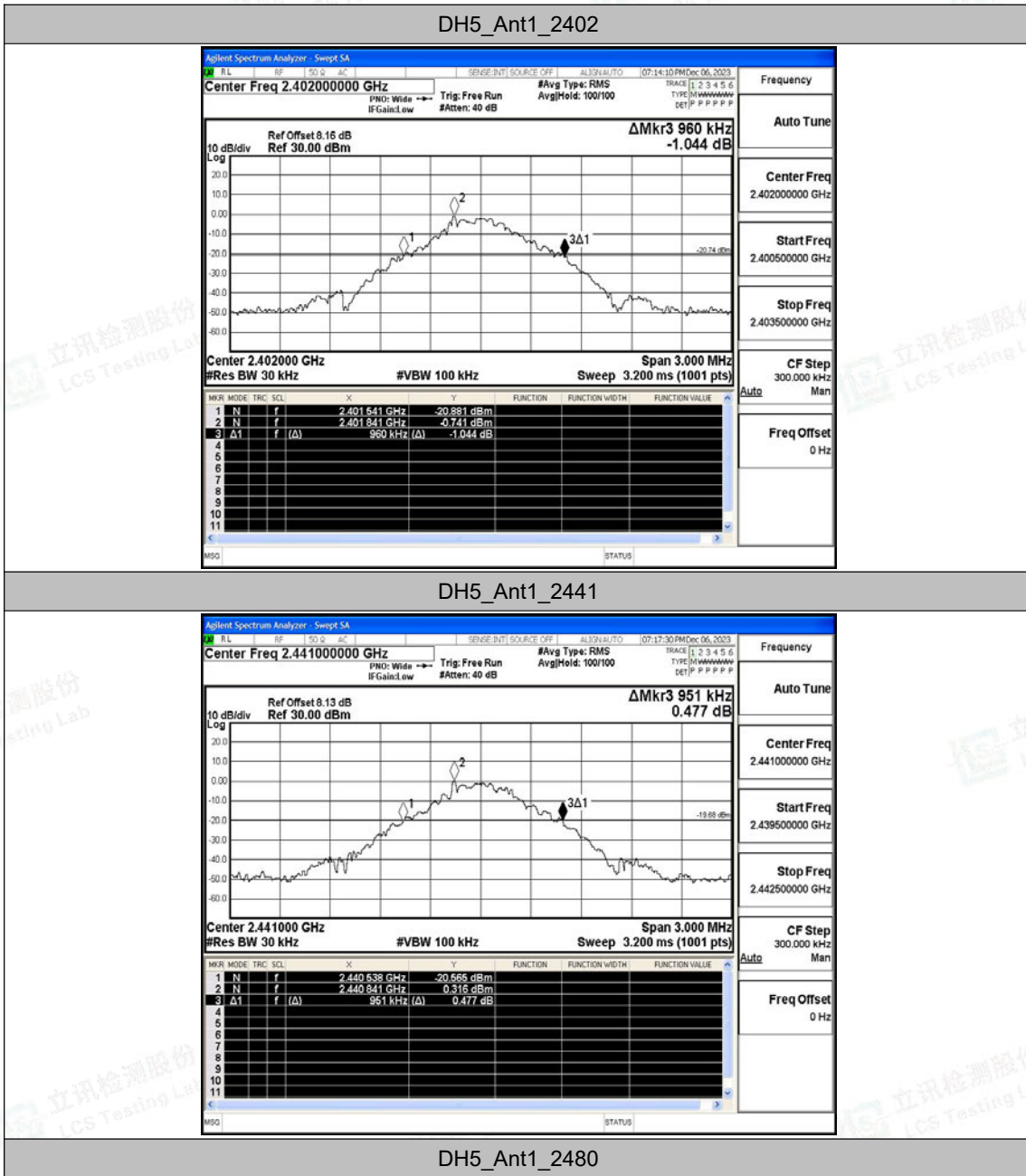
Test Result

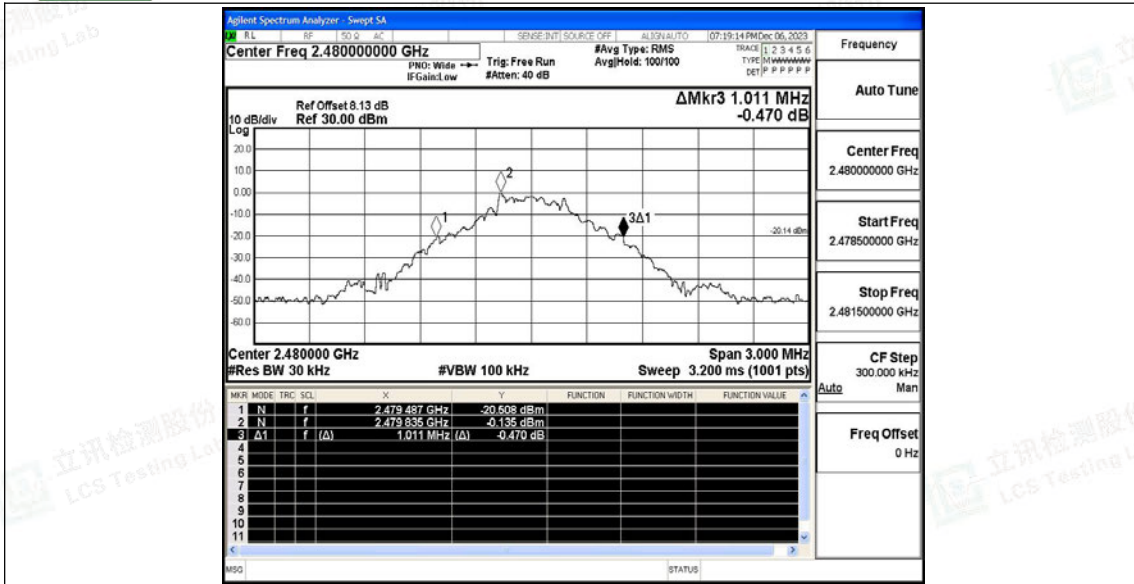
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.541	2402.501	---
		2441	0.951	2440.538	2441.489	---
		2480	1.011	2479.487	2480.498	---
2DH5	Ant1	2402	1.293	2401.361	2402.654	---
		2441	1.293	2440.361	2441.654	---
		2480	1.293	2479.364	2480.657	---
3DH5	Ant1	2402	1.305	2401.346	2402.651	---
		2441	1.302	2440.349	2441.651	---
		2480	1.308	2479.346	2480.654	---



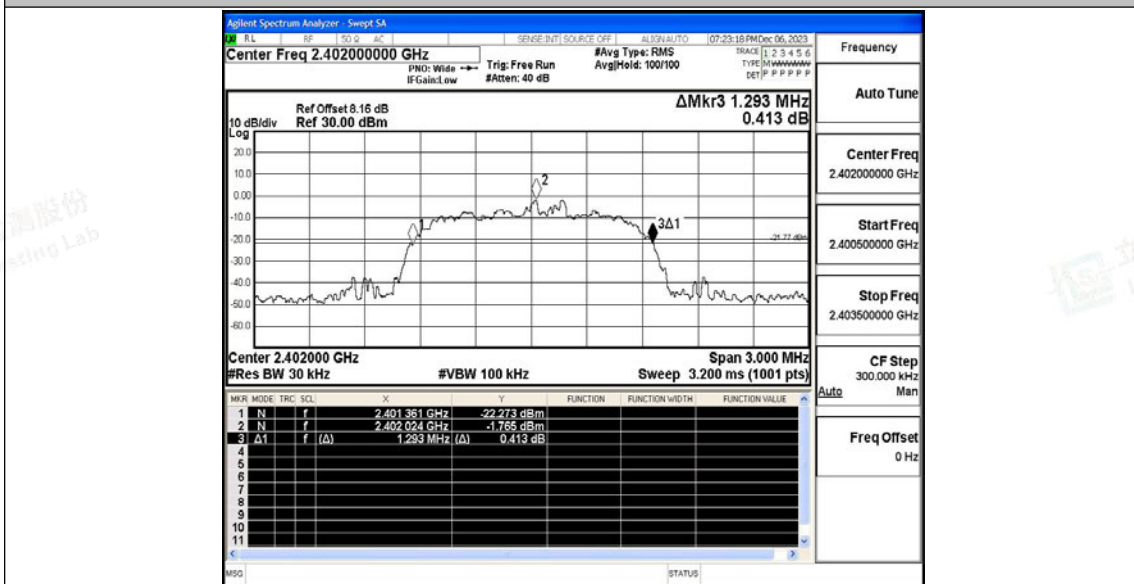


Test Graphs



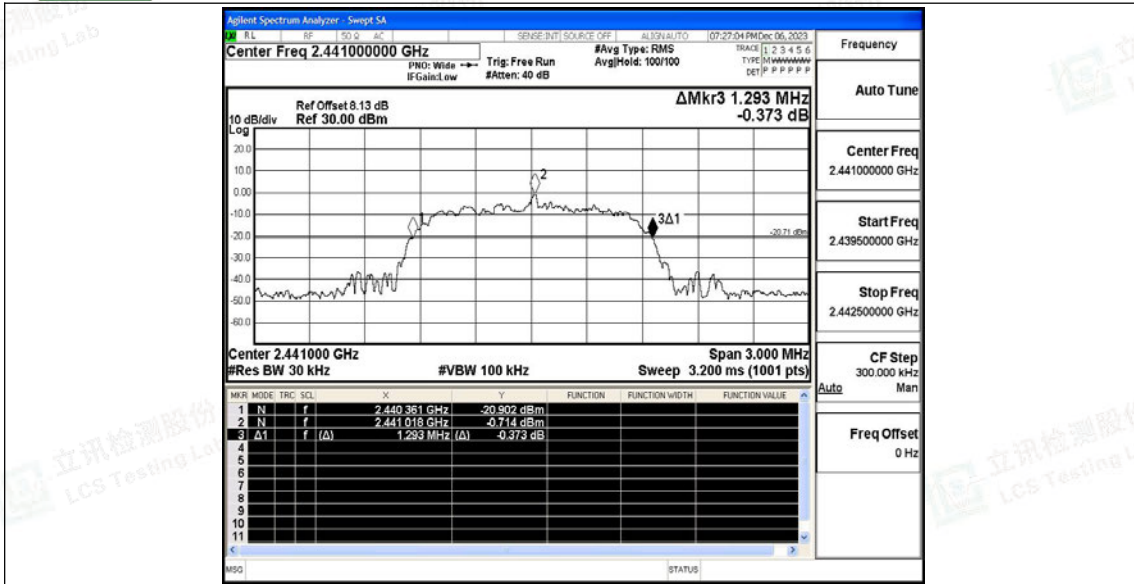


2DH5_Ant1_2402

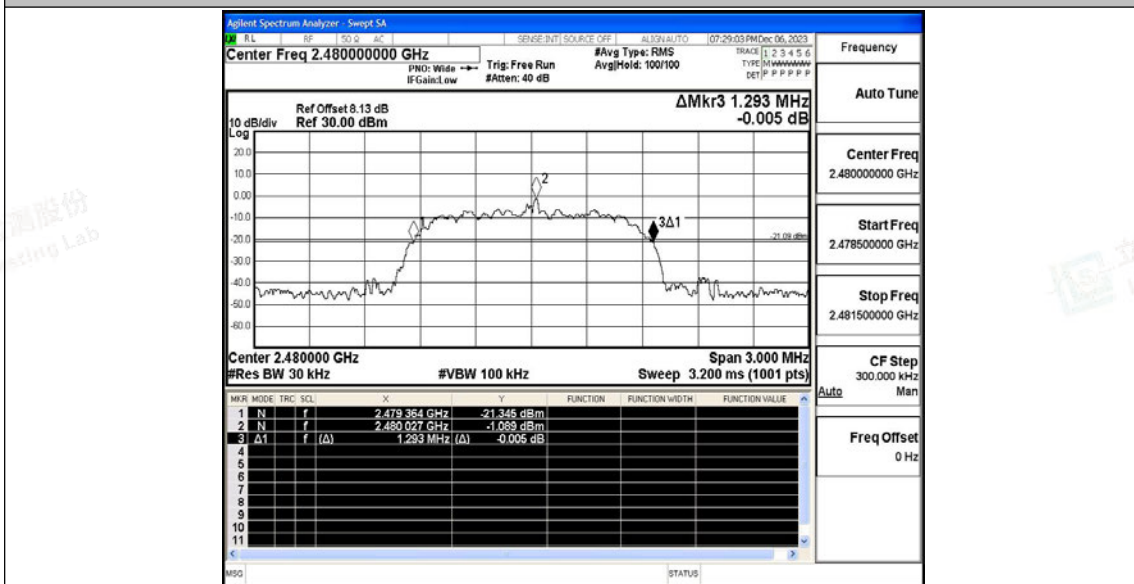


2DH5_Ant1_2441



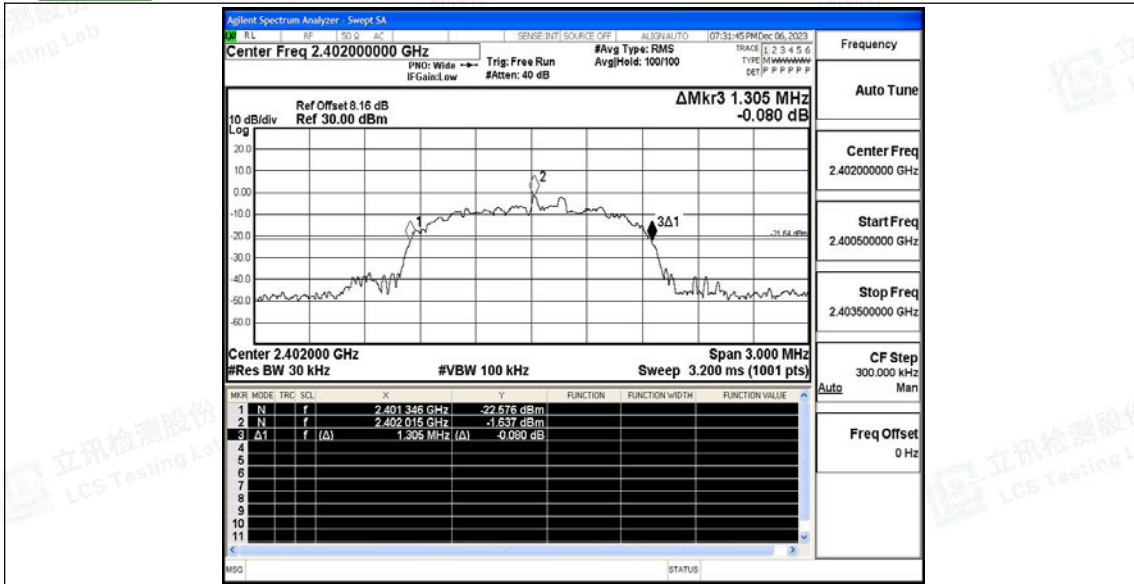


2DH5_Ant1_2480

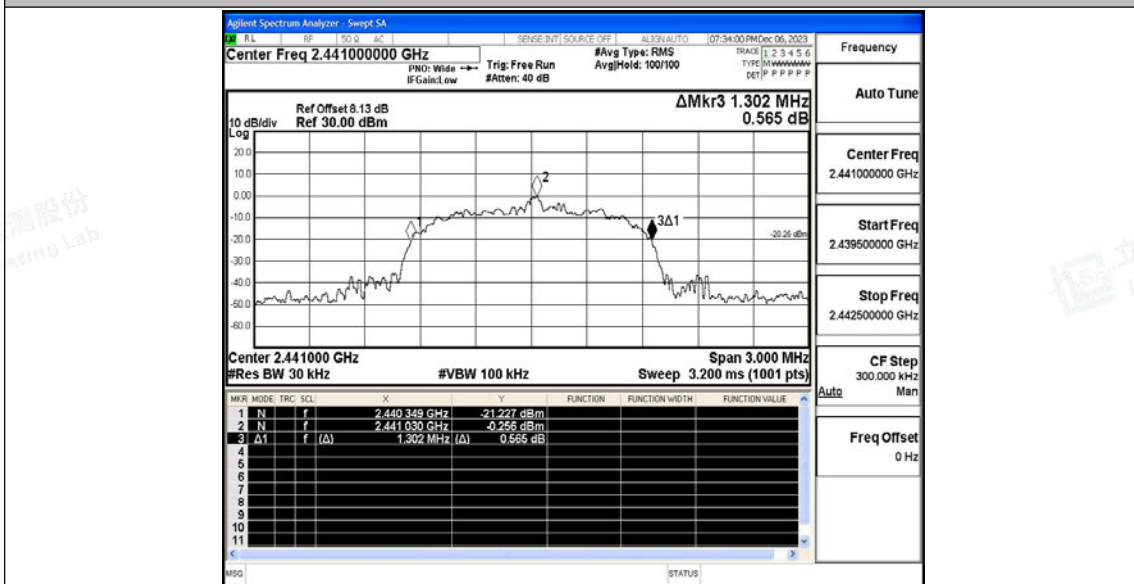


3DH5_Ant1_2402



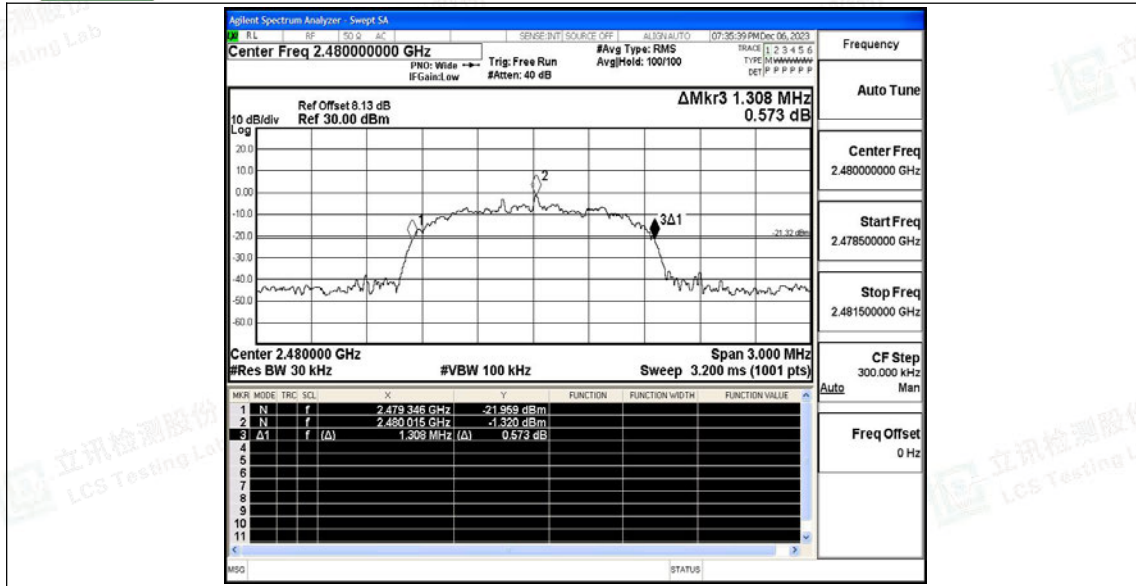


3DH5_Ant1_2441



3DH5_Ant1_2480







A.2 Maximum conducted output power

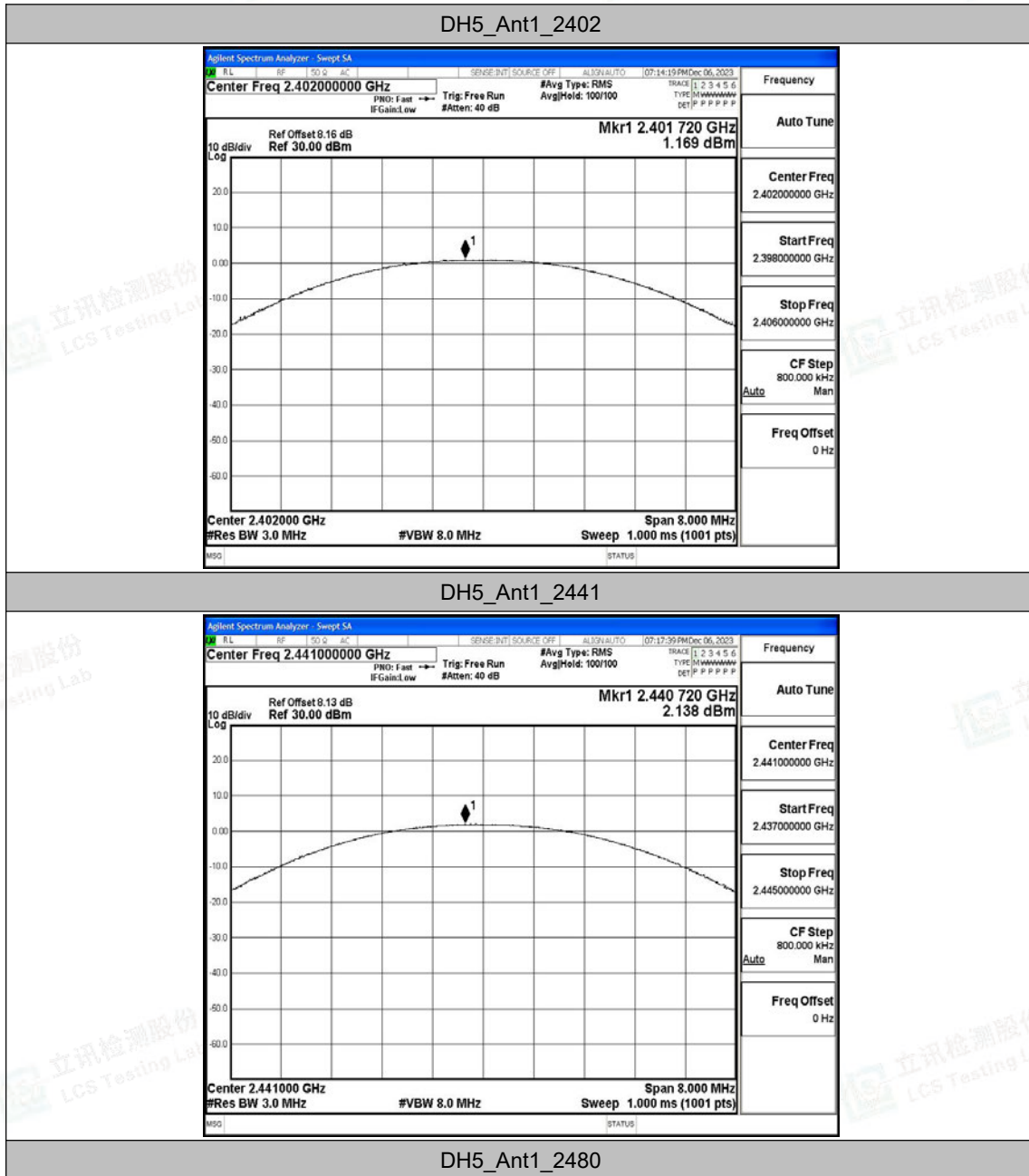
Test Result

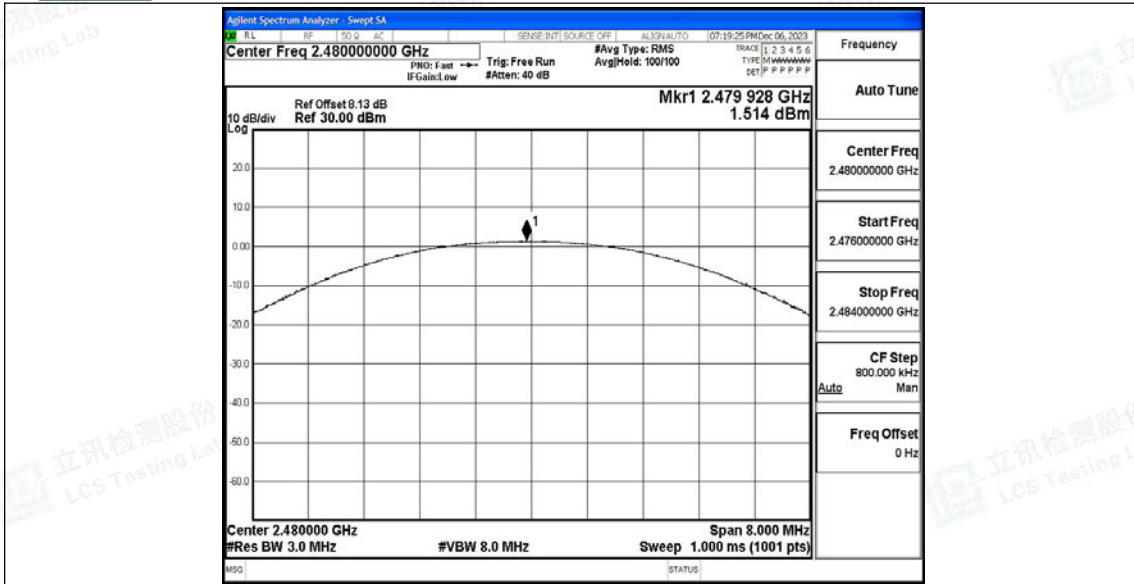
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.17	≤21	PASS
		2441	2.14	≤21	PASS
		2480	1.51	≤21	PASS
2DH5	Ant1	2402	2.63	≤21	PASS
		2441	3.57	≤21	PASS
		2480	2.68	≤21	PASS
3DH5	Ant1	2402	2.93	≤21	PASS
		2441	3.85	≤21	PASS
		2480	3.05	≤21	PASS



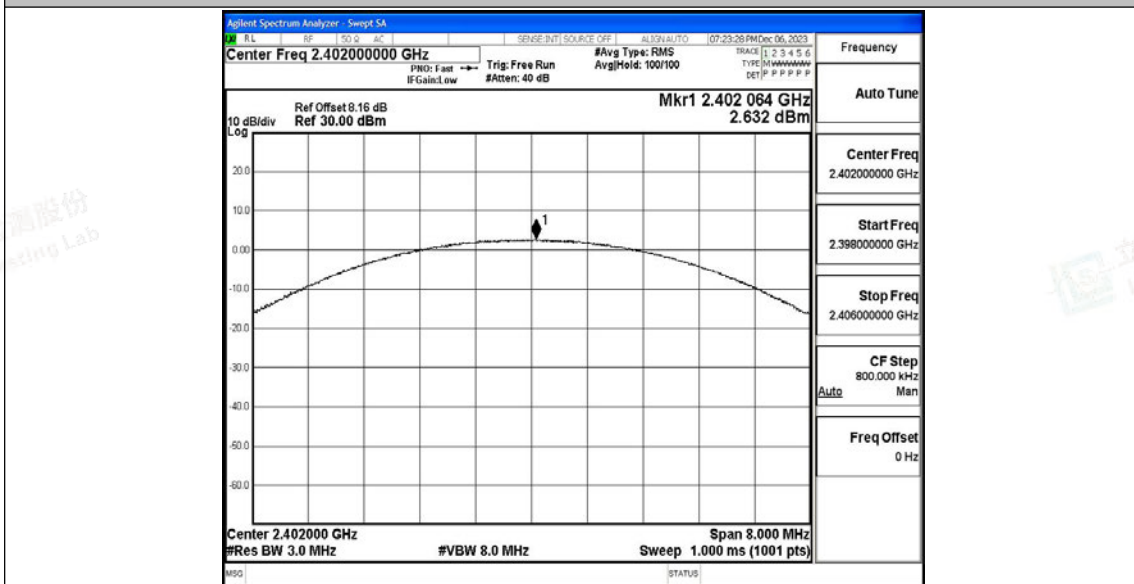


Test Graphs



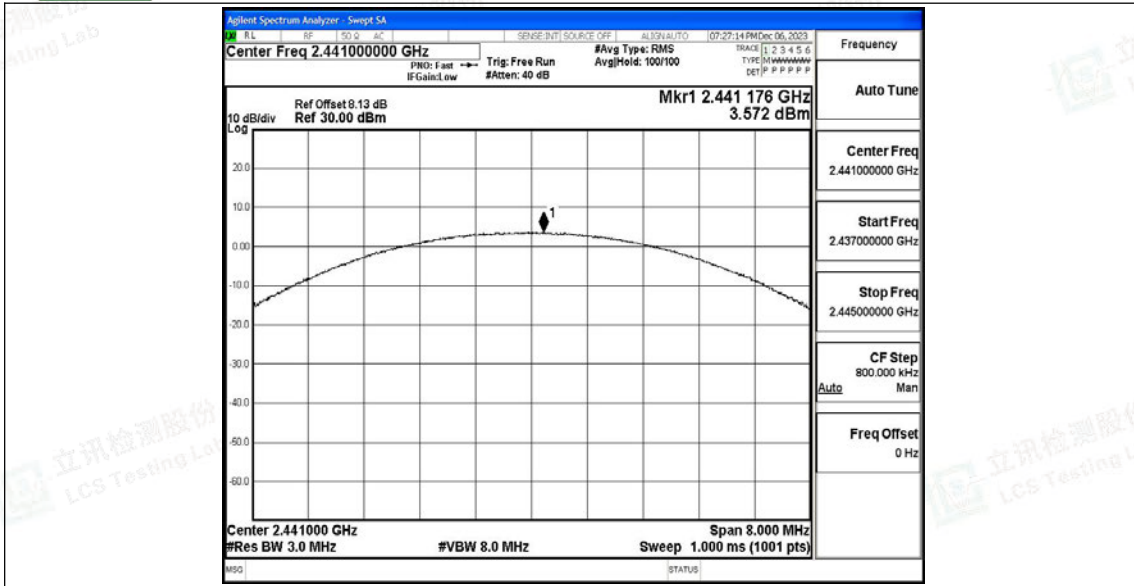


2DH5_Ant1_2402

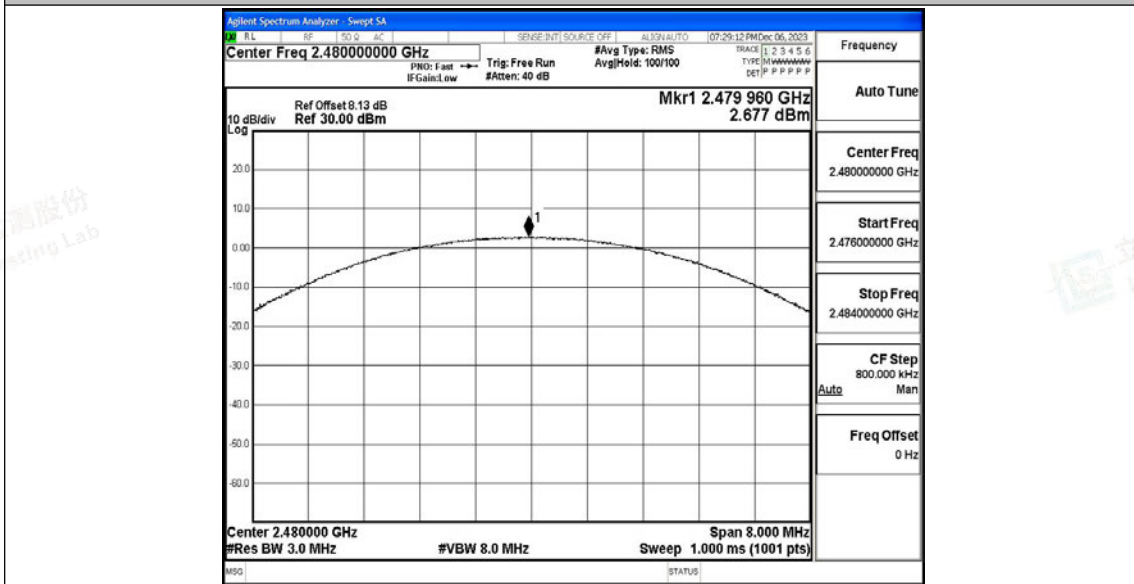


2DH5_Ant1_2441



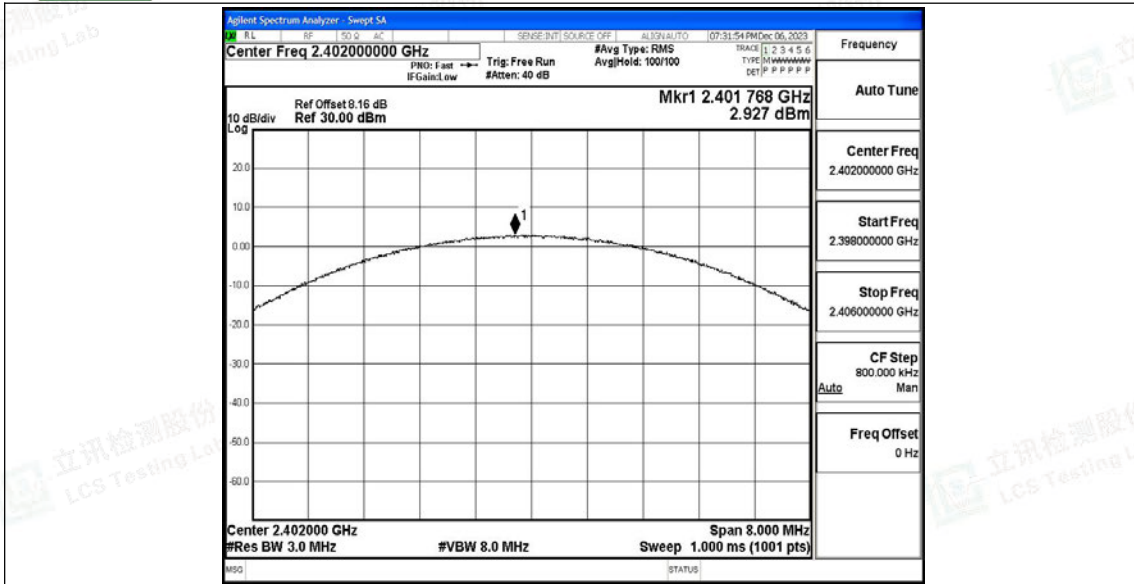


2DH5_Ant1_2480

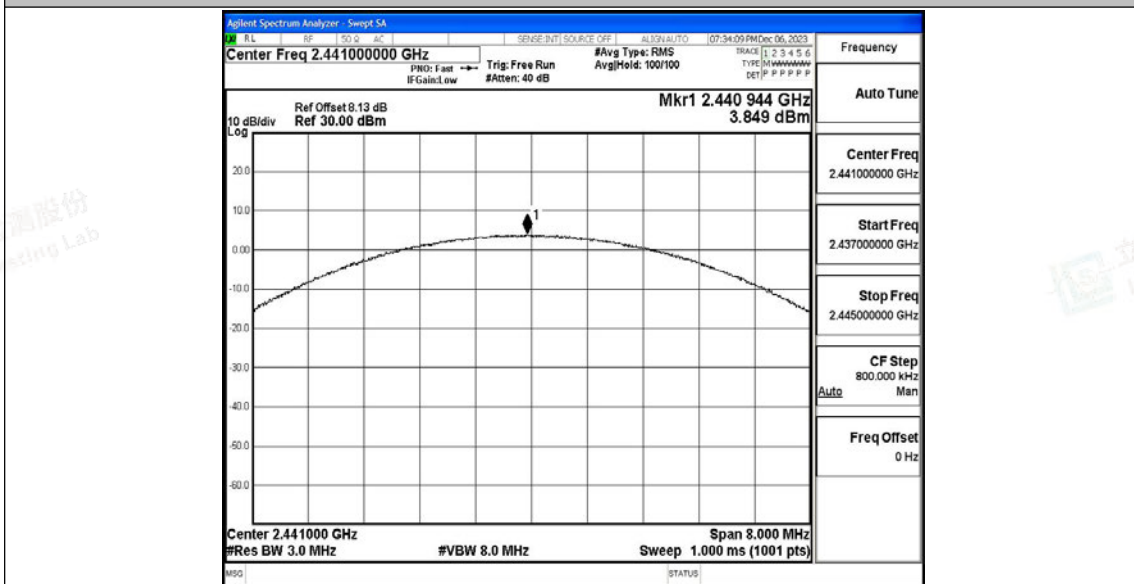


3DH5_Ant1_2402



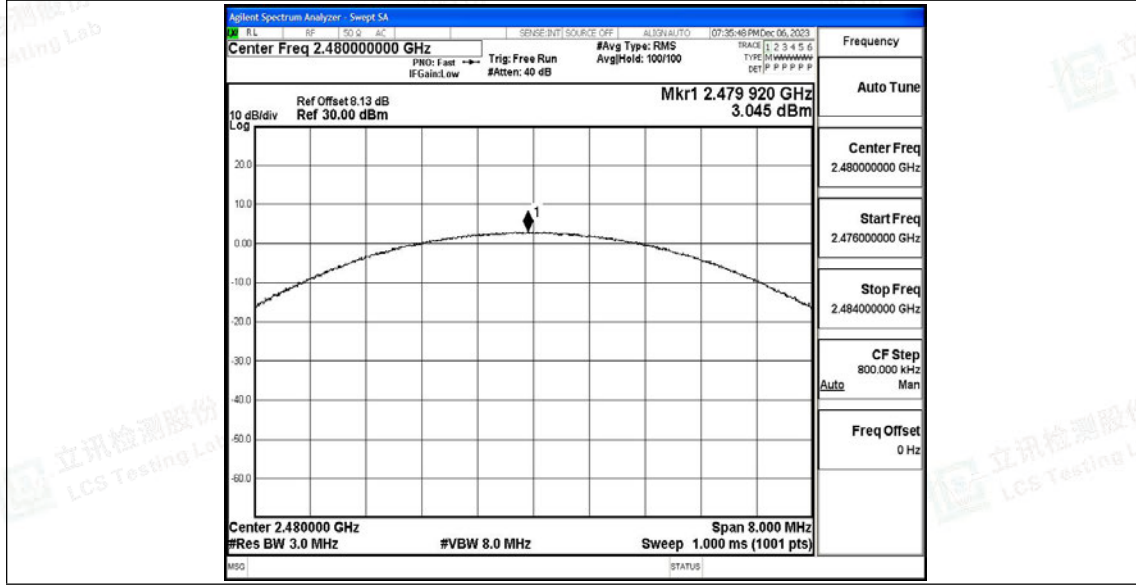


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

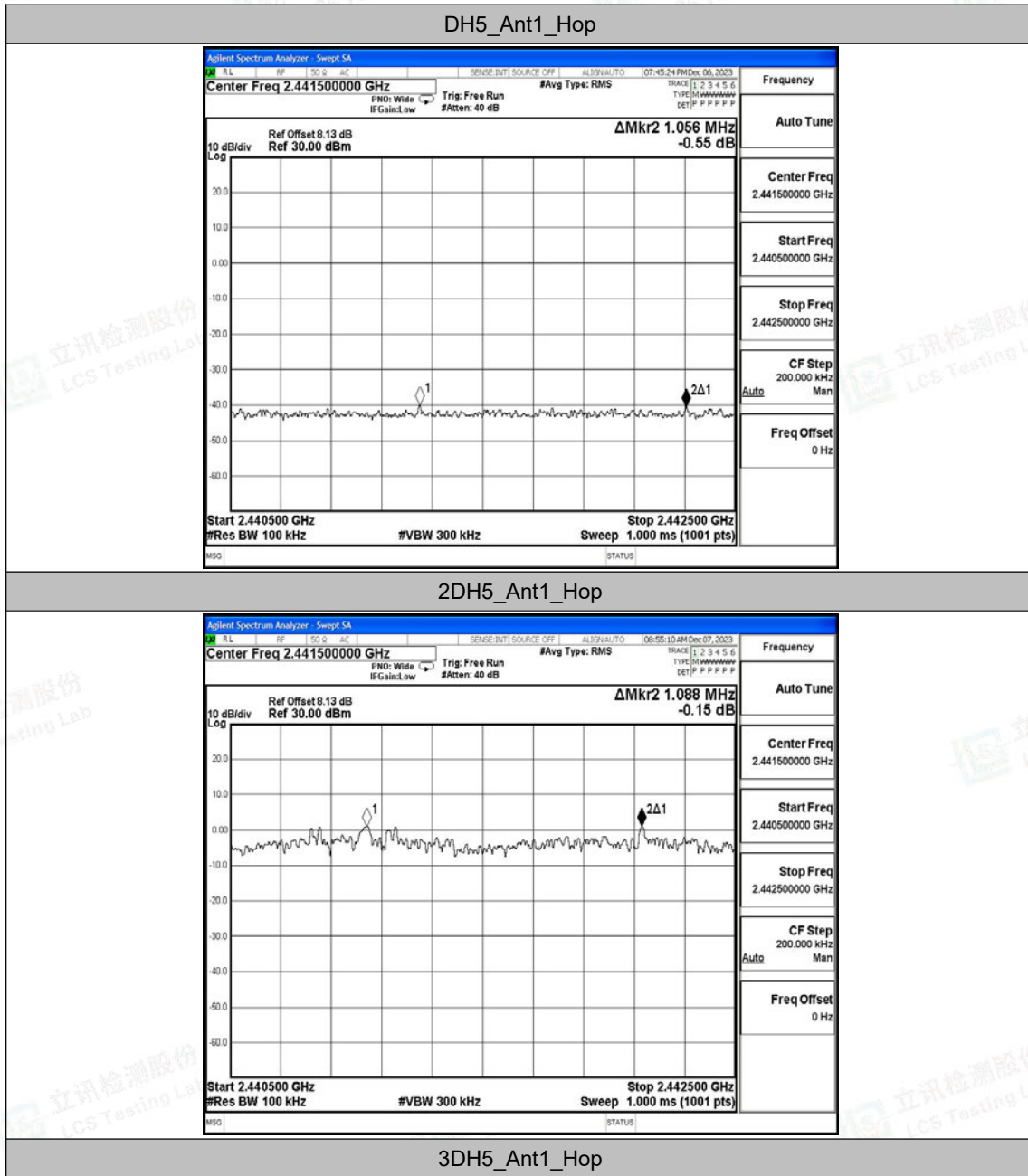
Test Result

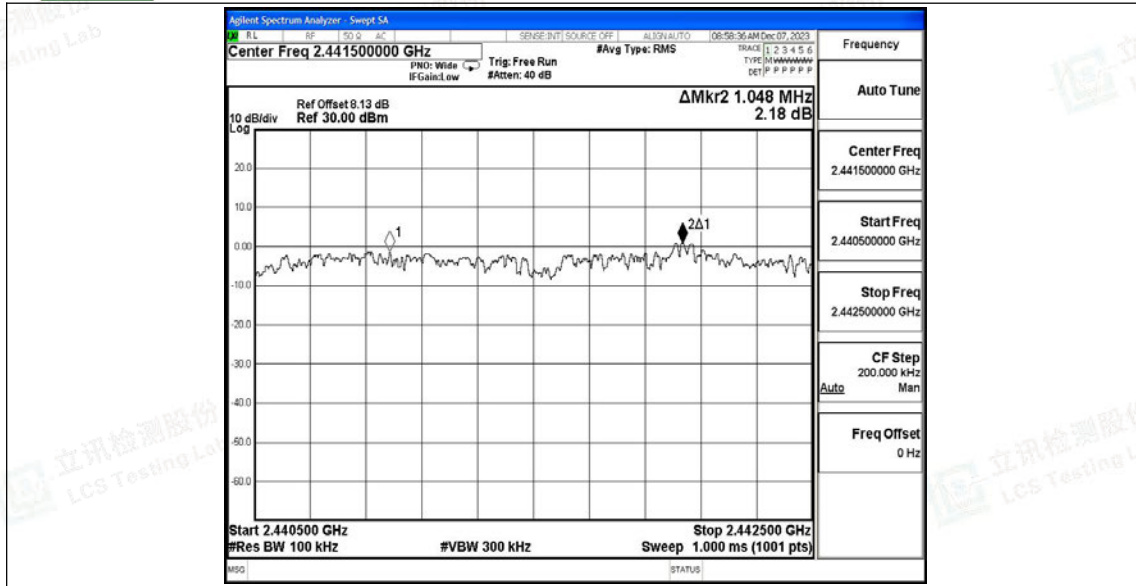
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.056	≥0.674	PASS
2DH5	Ant1	Hop	1.088	≥0.862	PASS
3DH5	Ant1	Hop	1.048	≥0.872	PASS





Test Graphs







A.4 Time of occupancy

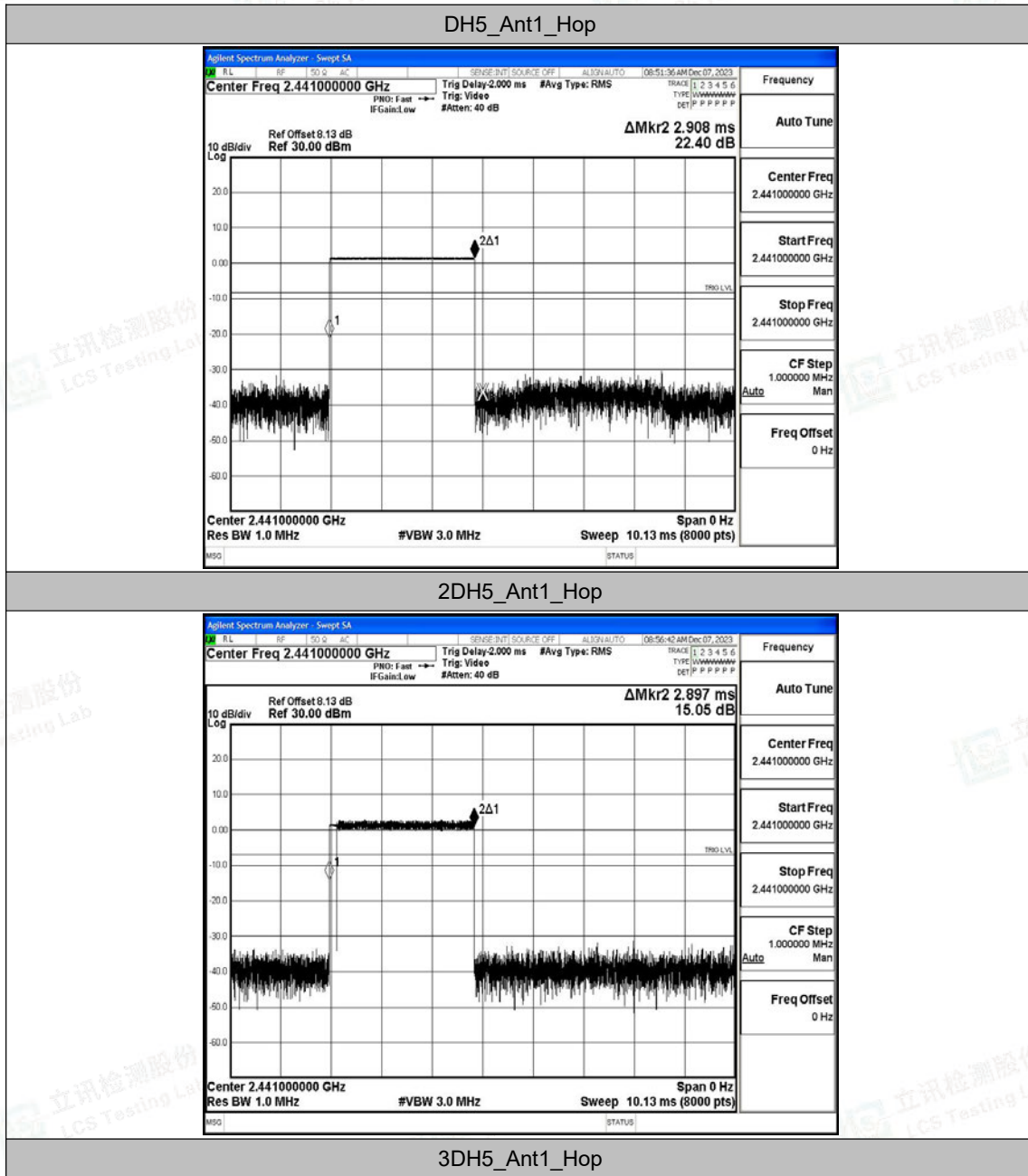
Test Result

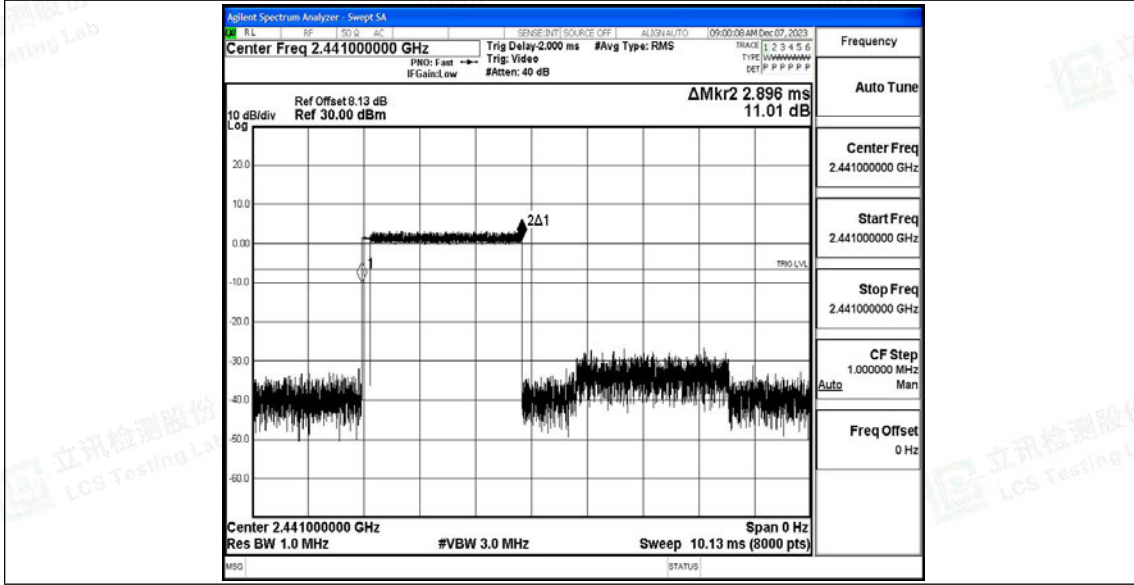
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.908	106.67	0.31	≤0.4	PASS
2DH5	Ant1	Hop	2.897	106.67	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.896	106.67	0.309	≤0.4	PASS





Test Graphs







A.5 Number of hopping channels

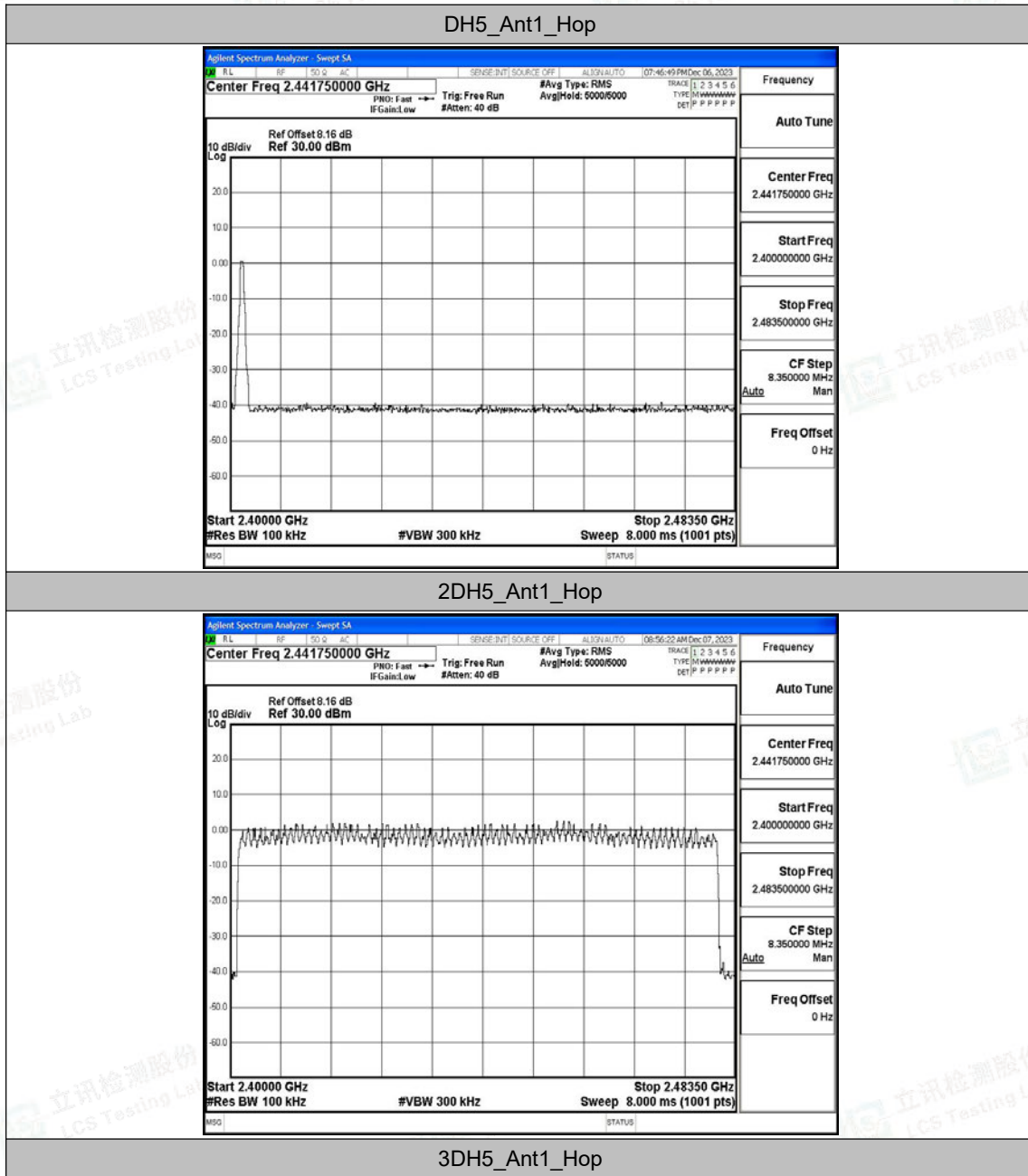
Test Result

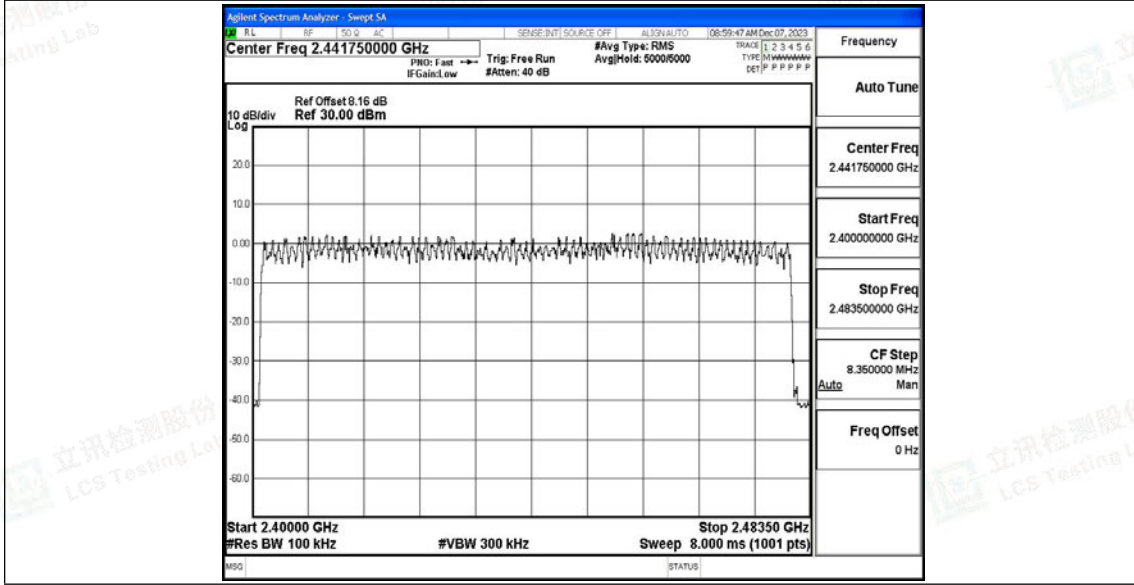
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

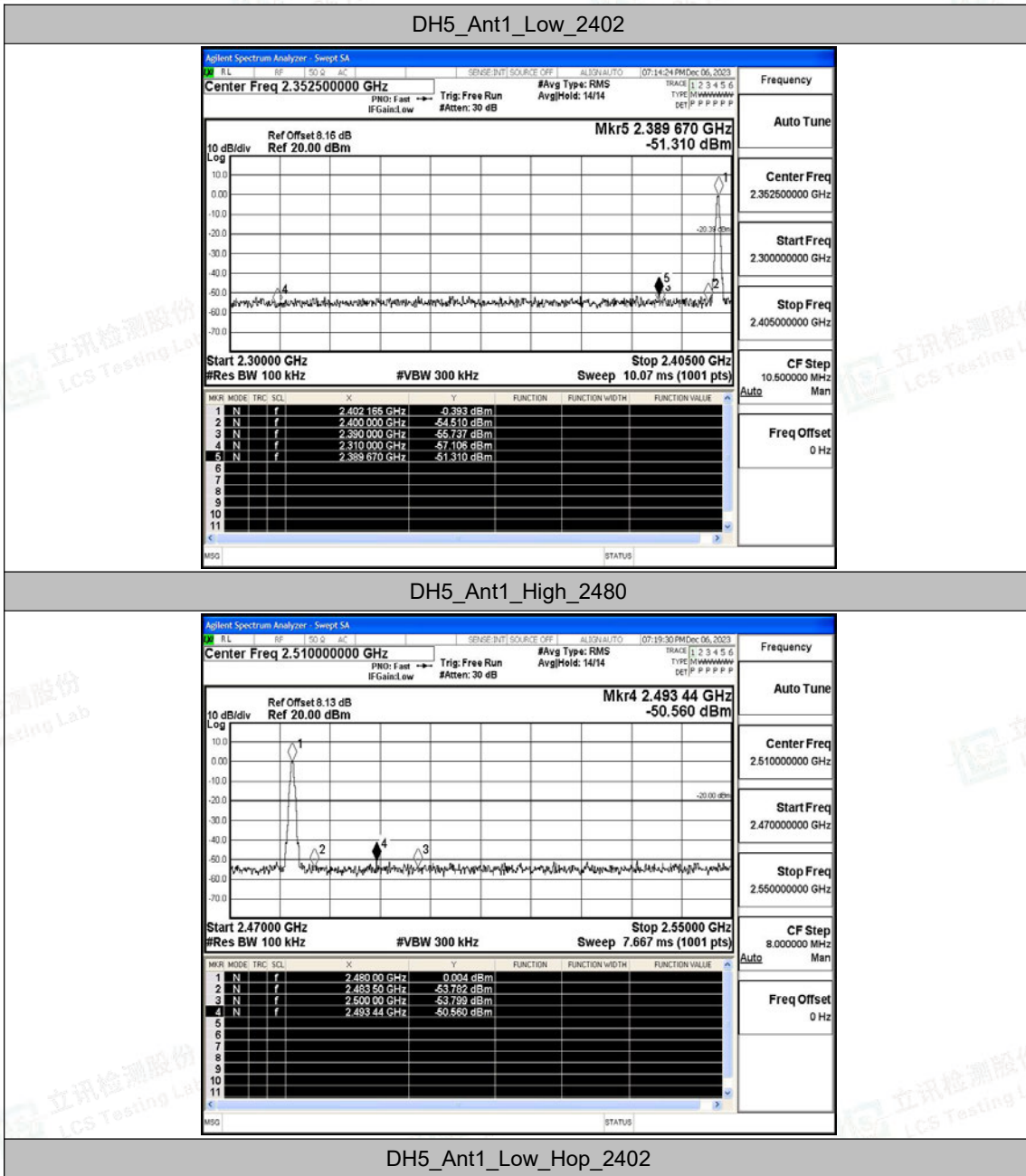
Test Result

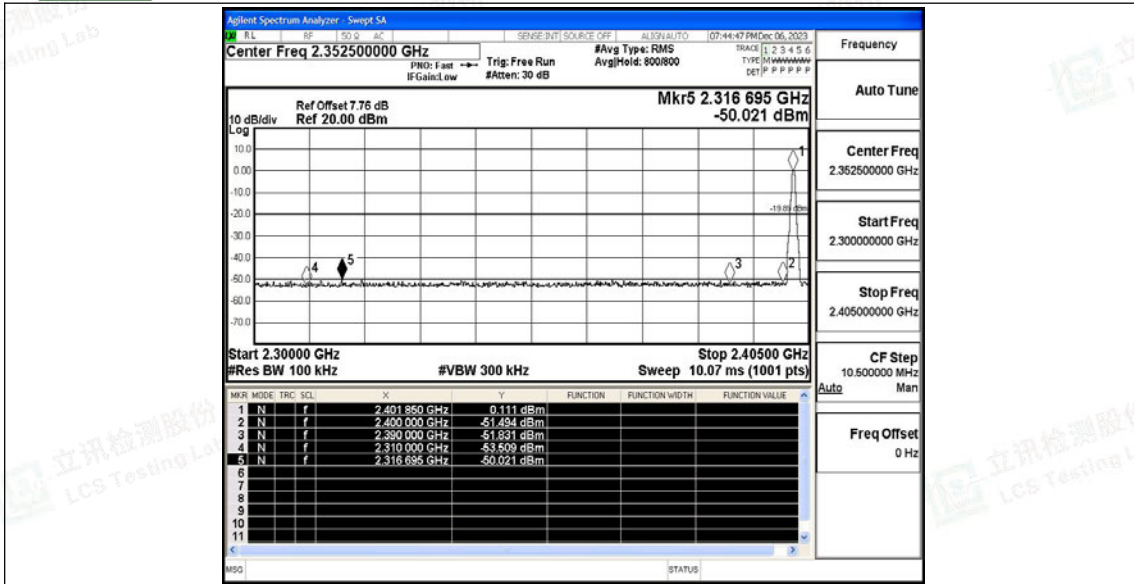
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.39	-51.31	≤-20.39	PASS
		High	2480	0.00	-50.56	≤-20	PASS
		Low	Hop_2402	0.11	-50.02	≤-19.89	PASS
		High	Hop_2480	0.58	-49.51	≤-19.42	PASS
2DH5	Ant1	Low	2402	-2.21	-51.48	≤-22.21	PASS
		High	2480	0.36	-50.84	≤-19.65	PASS
		Low	Hop_2402	-0.82	-50.21	≤-20.82	PASS
		High	Hop_2480	0.64	-49.88	≤-19.36	PASS
3DH5	Ant1	Low	2402	-2.17	-50.98	≤-22.17	PASS
		High	2480	-1.97	-50.9	≤-21.97	PASS
		Low	Hop_2402	-1.70	-49.72	≤-21.7	PASS
		High	Hop_2480	-0.51	-48.79	≤-20.51	PASS



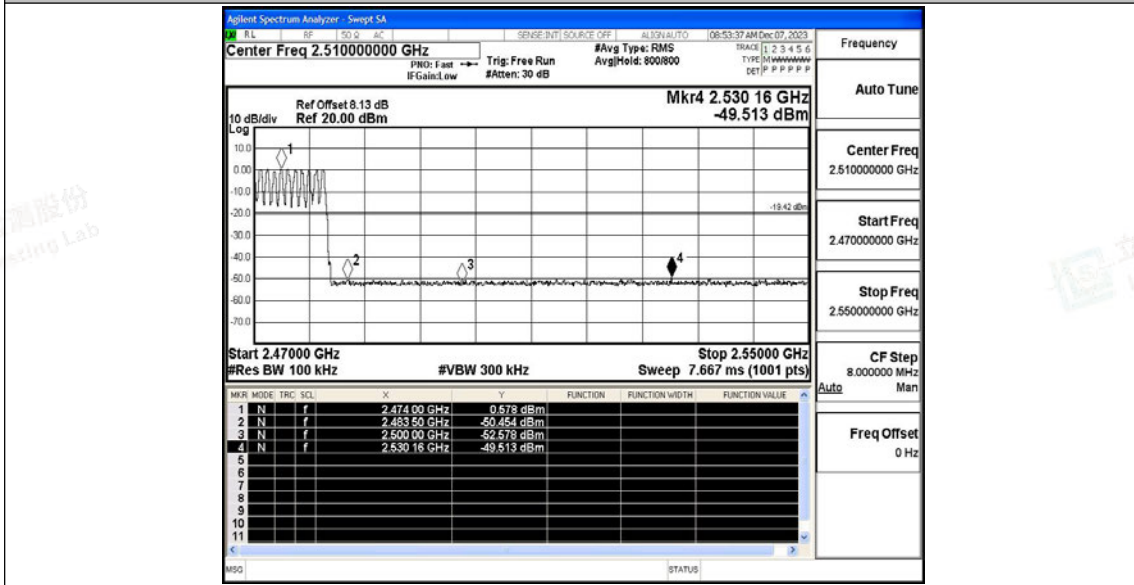


Test Graphs



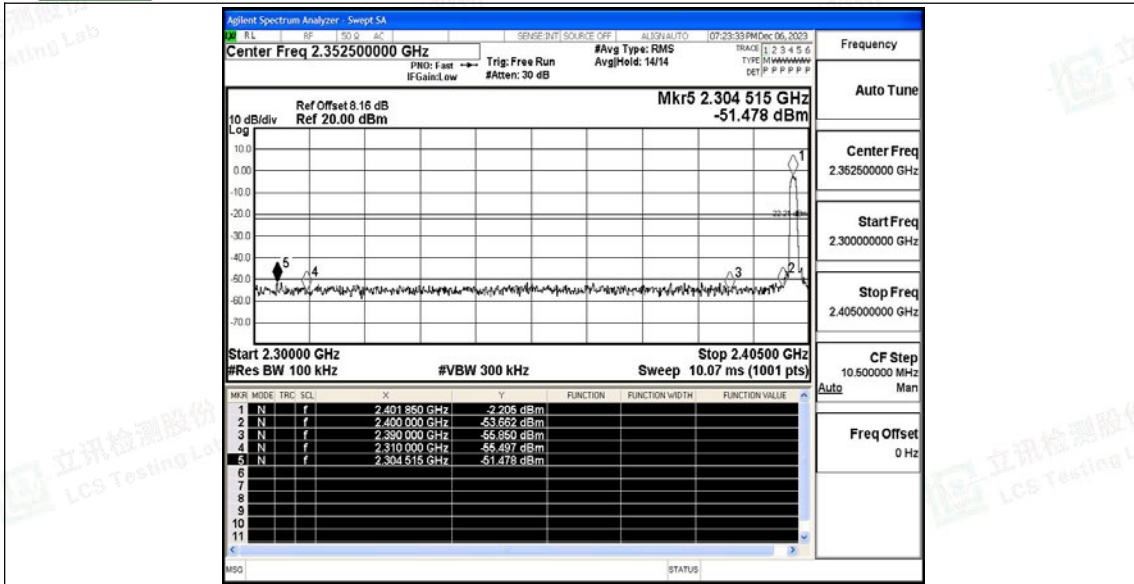


DH5_Ant1_High_Hop_2480

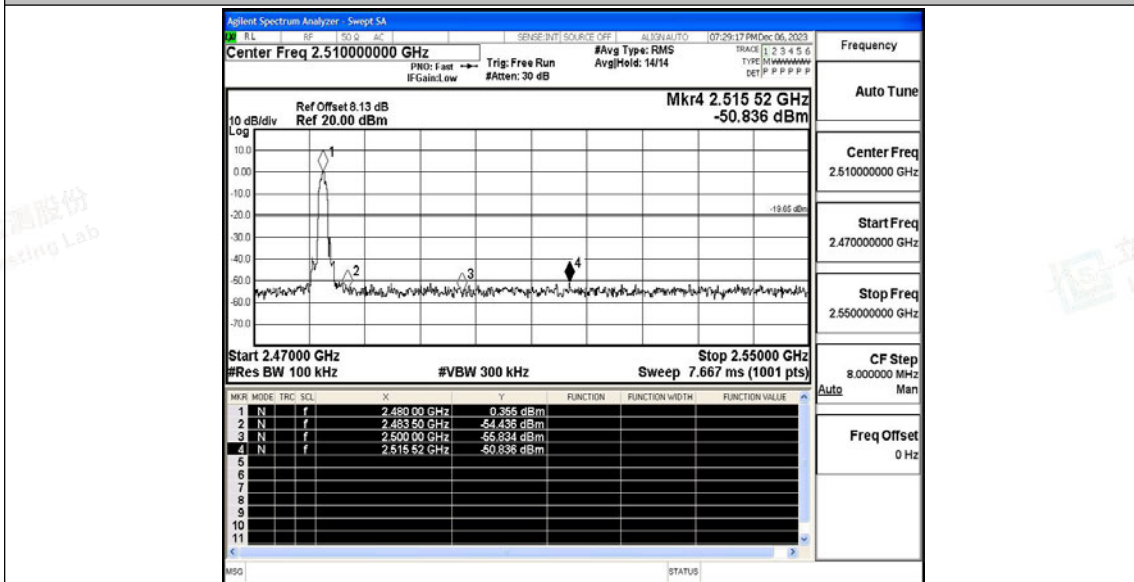


2DH5_Ant1_Low_2402



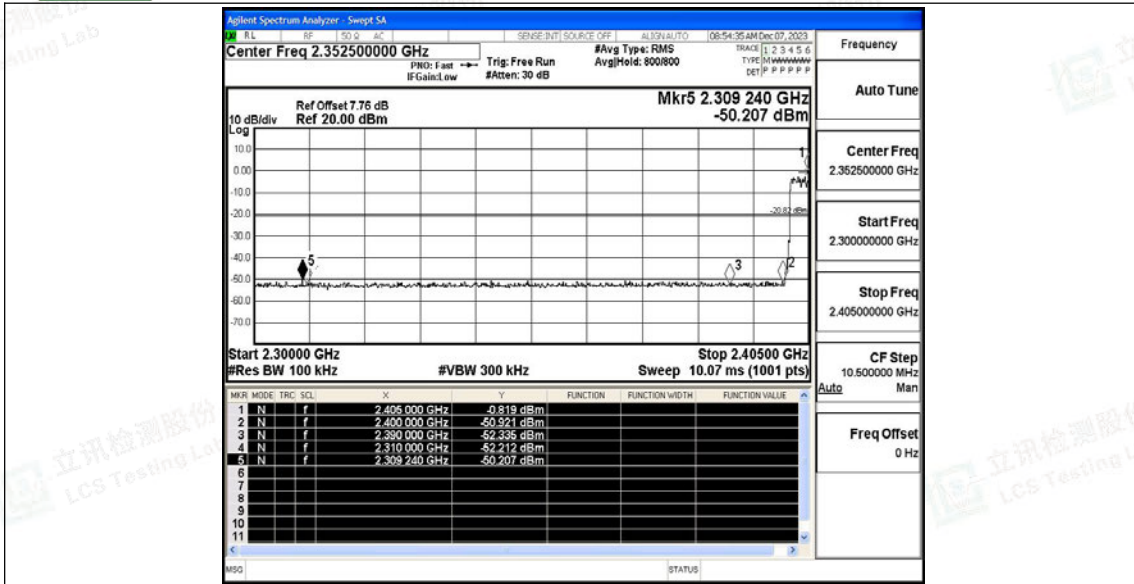


2DH5_Ant1_High_2480

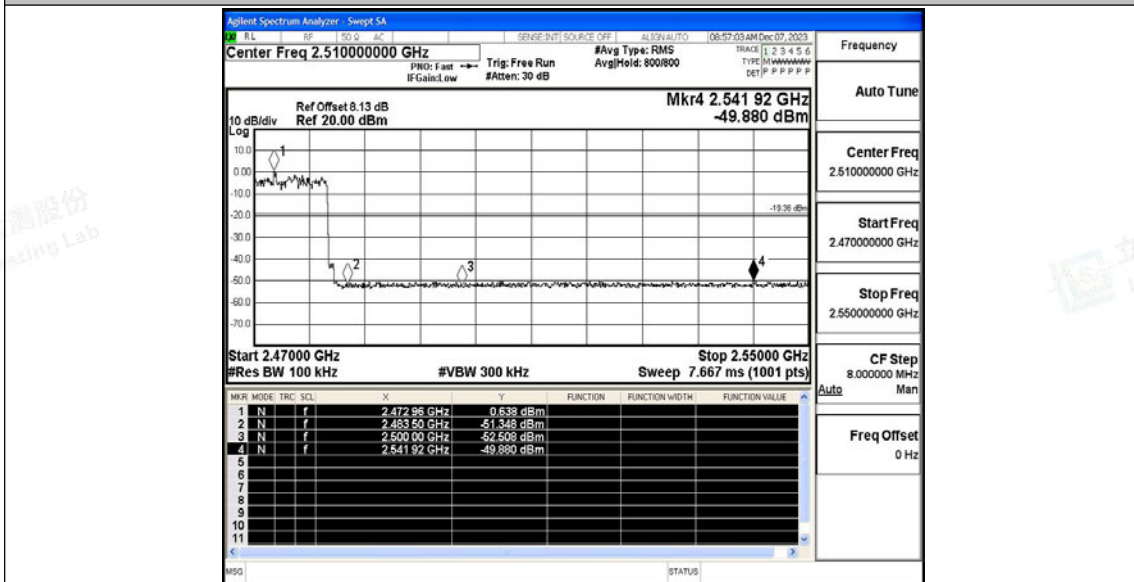


2DH5_Ant1_Low_Hop_2402



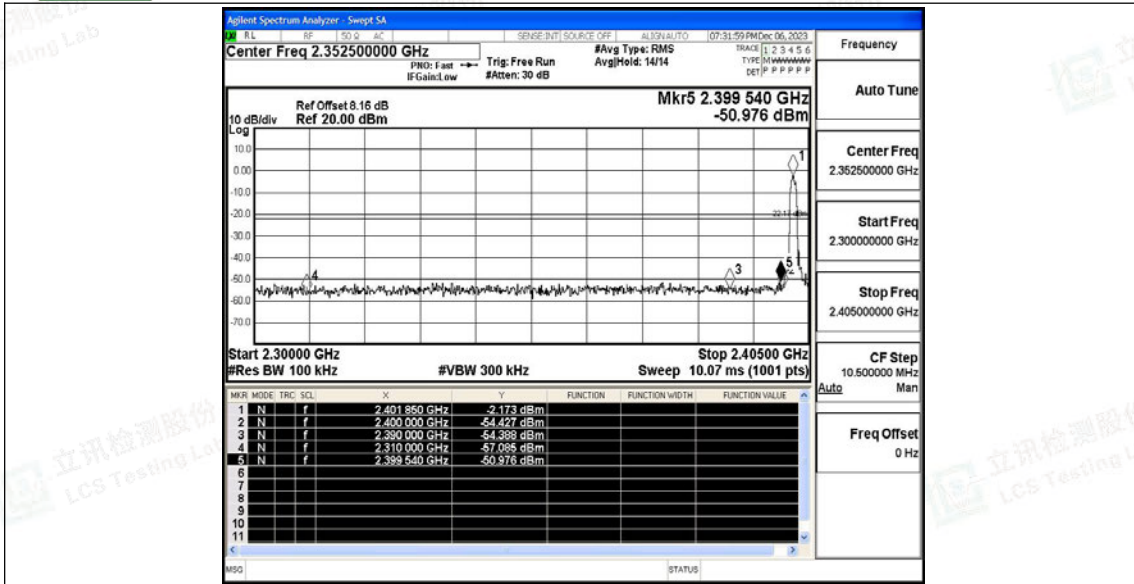


2DH5_Ant1_High_Hop_2480

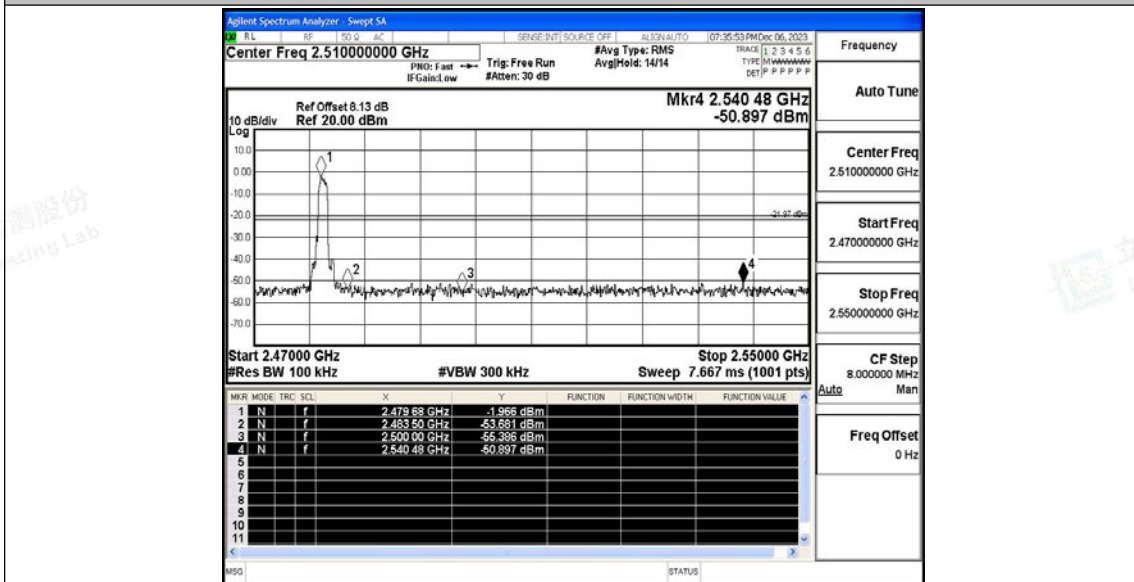


3DH5_Ant1_Low_2402



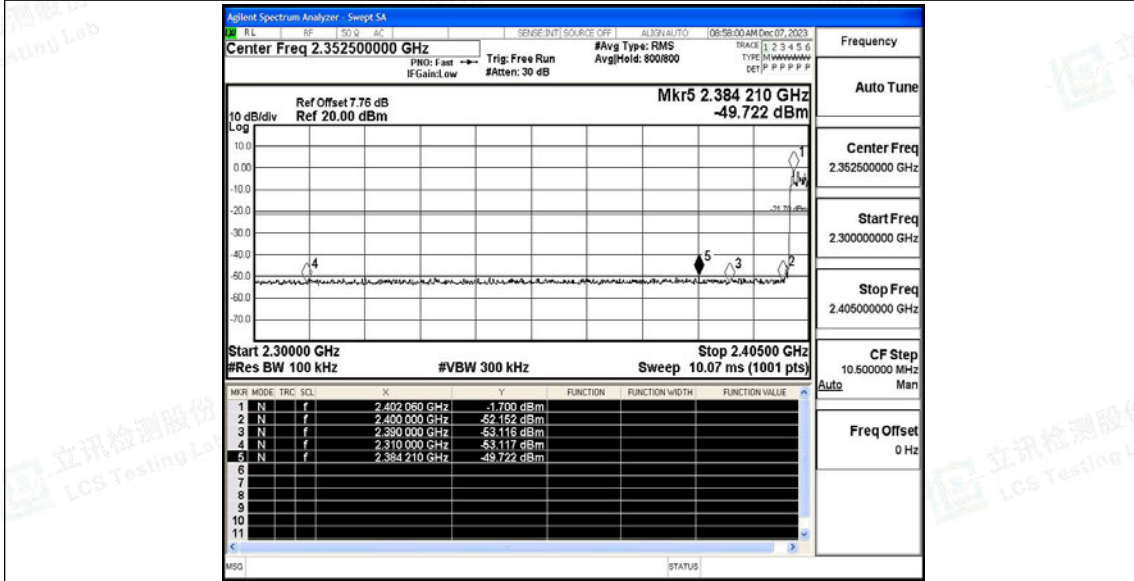


3DH5_Ant1_High_2480

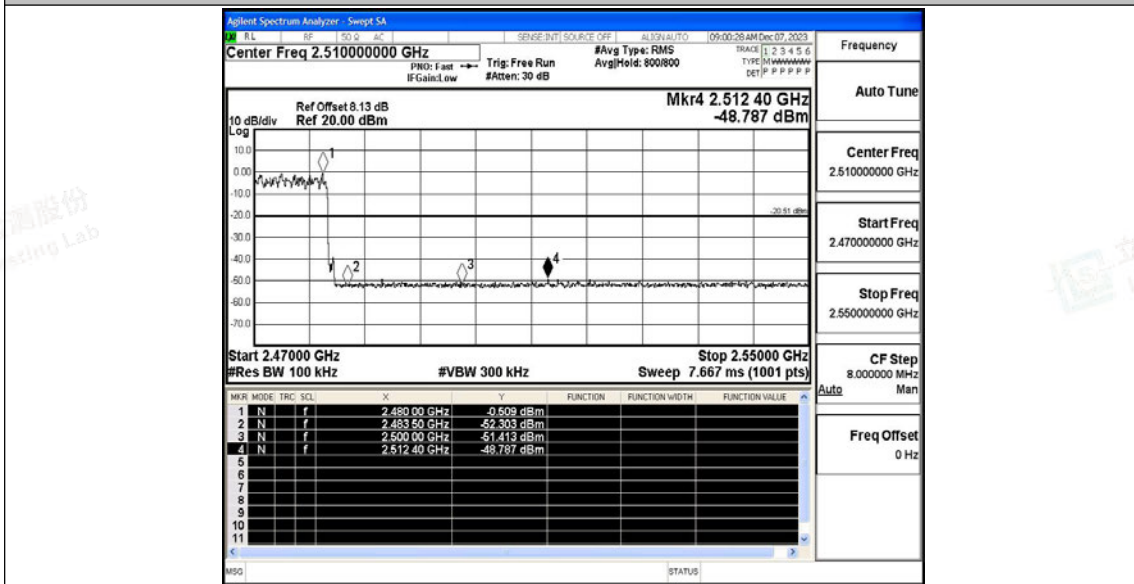


3DH5_Ant1_Low_Hop_2402





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	0.53	0.53	---	PASS
			30~1000	0.53	-61.68	≤-19.47	PASS
			1000~26500	0.53	-48.83	≤-19.47	PASS
		2441	Reference	1.40	1.40	---	PASS
			30~1000	1.40	-61.92	≤-18.6	PASS
			1000~26500	1.40	-48.73	≤-18.6	PASS
		2480	Reference	0.93	0.93	---	PASS
			30~1000	0.93	-58.08	≤-19.07	PASS
			1000~26500	0.93	-48.99	≤-19.07	PASS
2DH5	Ant1	2402	Reference	-0.14	-0.14	---	PASS
			30~1000	-0.14	-61.77	≤-20.14	PASS
			1000~26500	-0.14	-48.22	≤-20.14	PASS
		2441	Reference	1.46	1.46	---	PASS
			30~1000	1.46	-60.82	≤-18.54	PASS
			1000~26500	1.46	-48.13	≤-18.54	PASS
		2480	Reference	0.78	0.78	---	PASS
			30~1000	0.78	-61.54	≤-19.22	PASS
			1000~26500	0.78	-48.81	≤-19.22	PASS
3DH5	Ant1	2402	Reference	0.36	0.36	---	PASS
			30~1000	0.36	-60.77	≤-19.64	PASS
			1000~26500	0.36	-49.29	≤-19.64	PASS
		2441	Reference	1.57	1.57	---	PASS
			30~1000	1.57	-62.41	≤-18.43	PASS
			1000~26500	1.57	-49.4	≤-18.43	PASS
		2480	Reference	0.98	0.98	---	PASS
			30~1000	0.98	-56.07	≤-19.02	PASS
			1000~26500	0.98	-47.82	≤-19.02	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

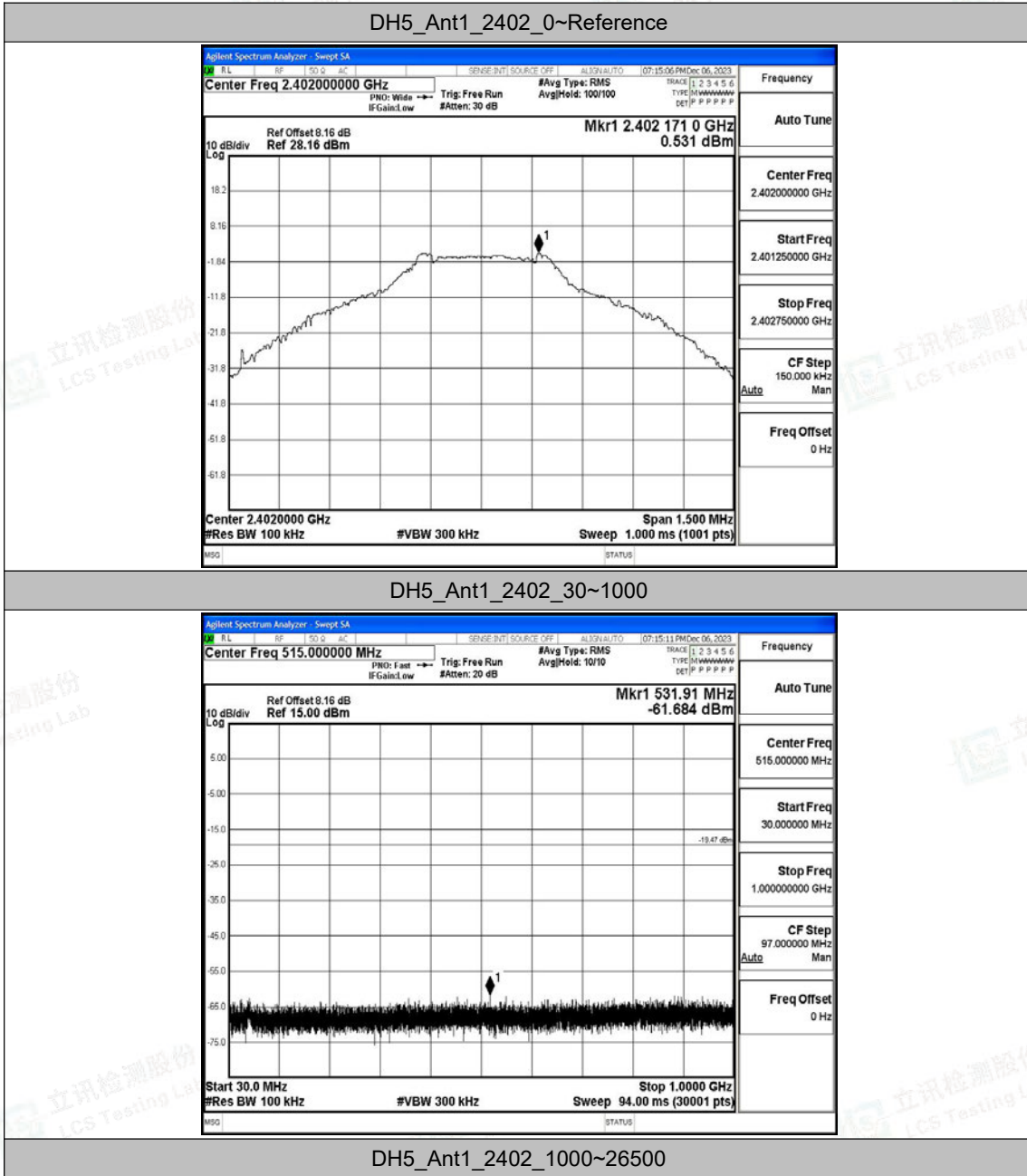
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

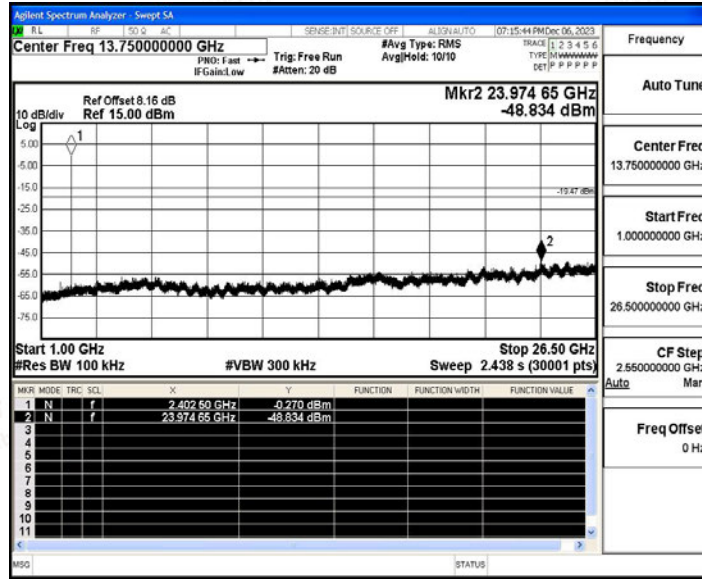
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

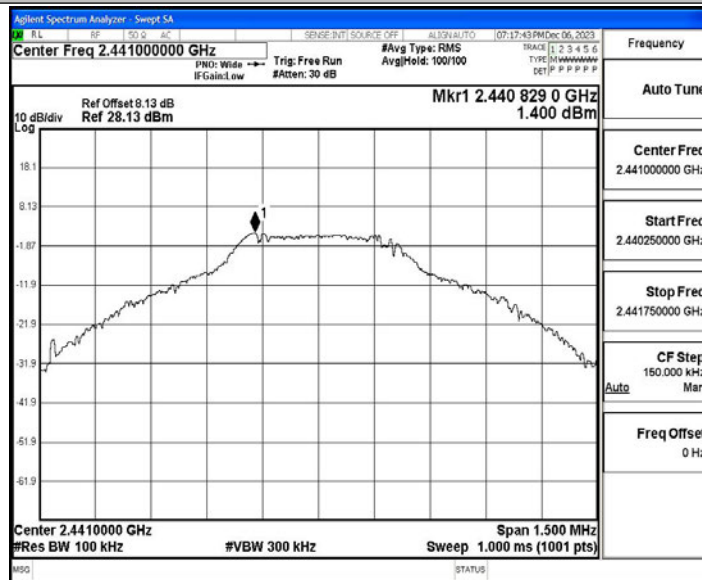


Test Graphs



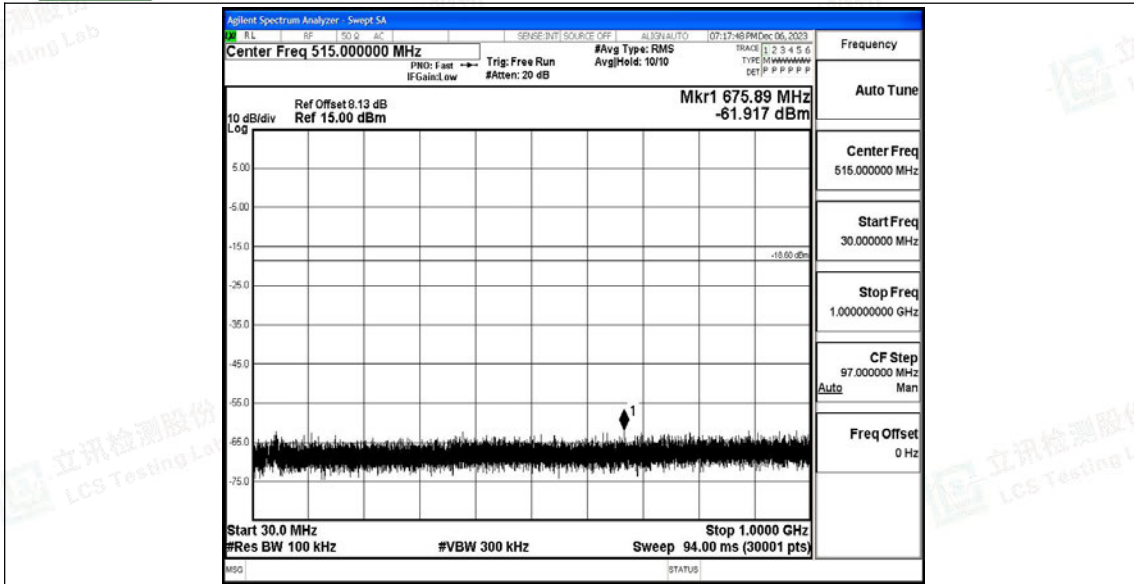


DH5_Ant1_2441_0~Reference

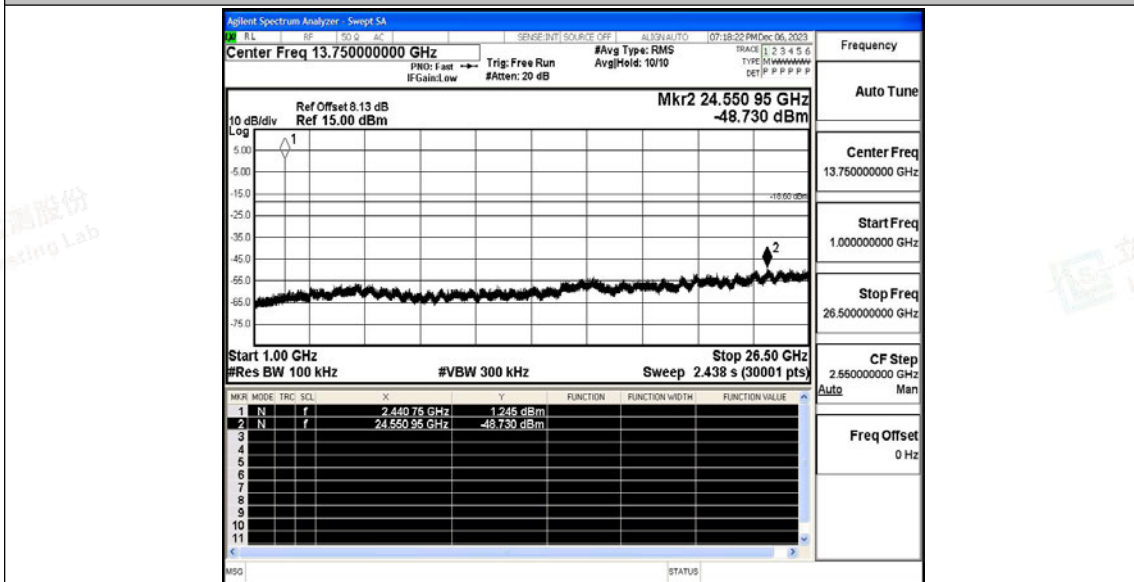


DH5_Ant1_2441_30~1000



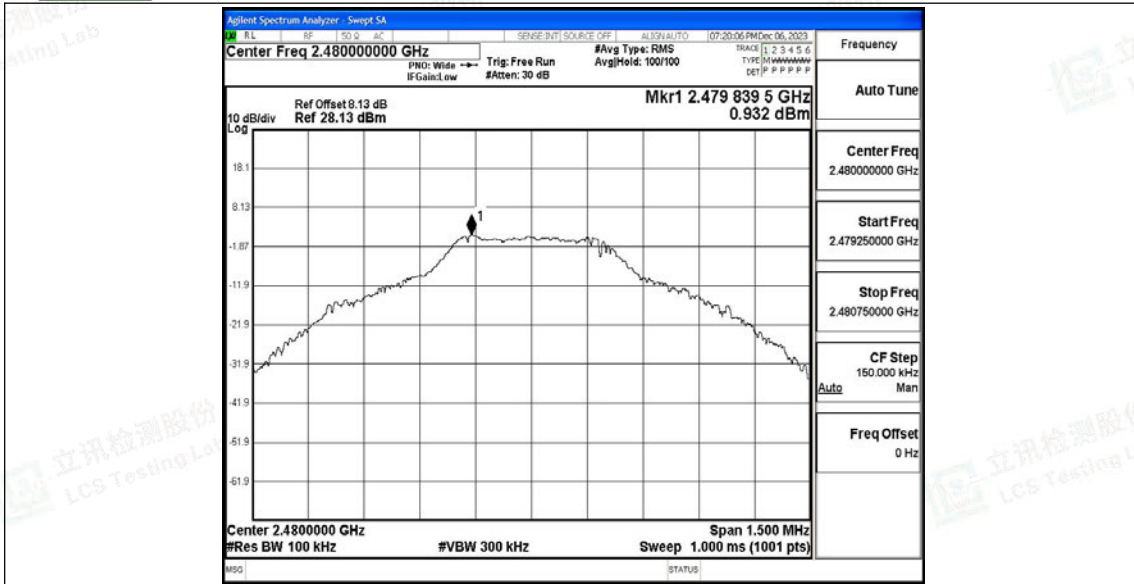


DH5_Ant1_2441_1000~26500

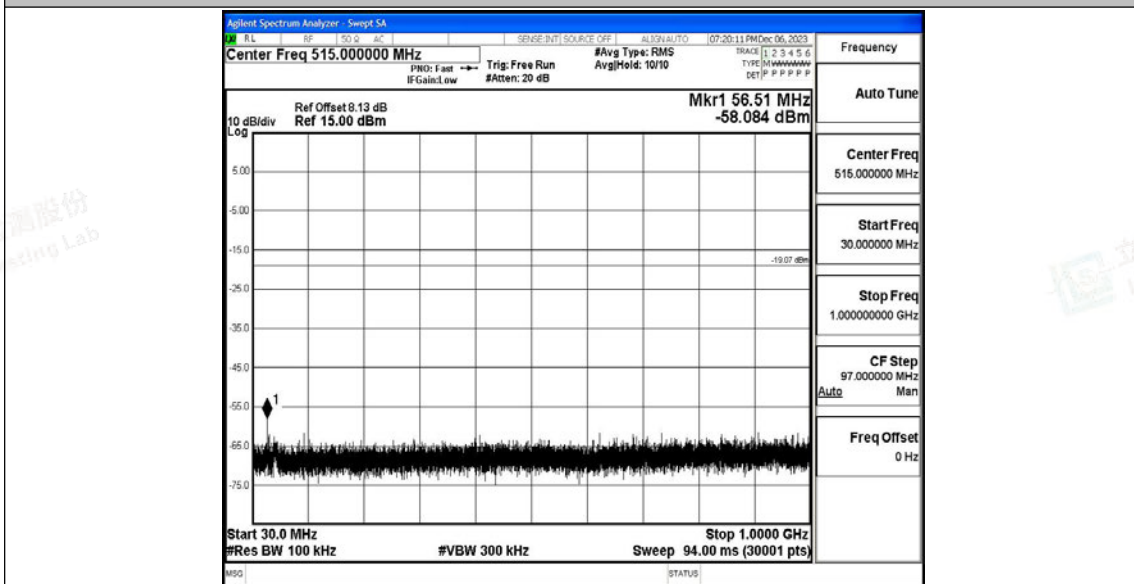


DH5_Ant1_2480_0~Reference



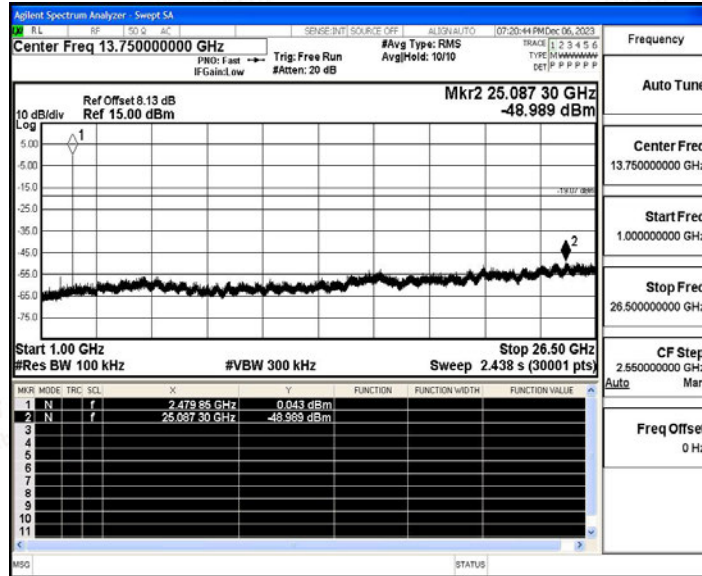


DH5_Ant1_2480_30~1000

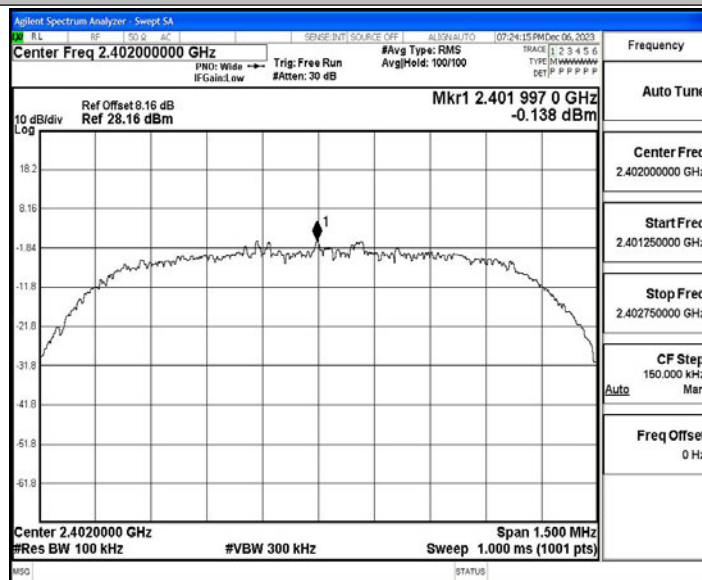


DH5_Ant1_2480_1000~26500



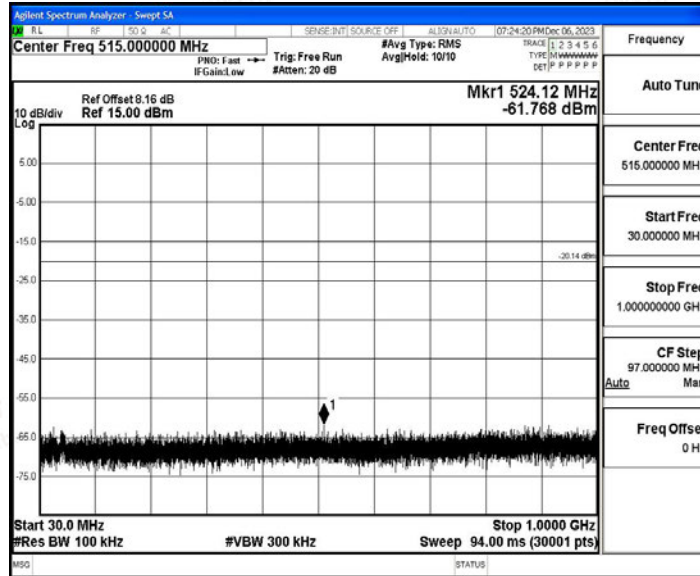


2DH5_Ant1_2402_0~Reference

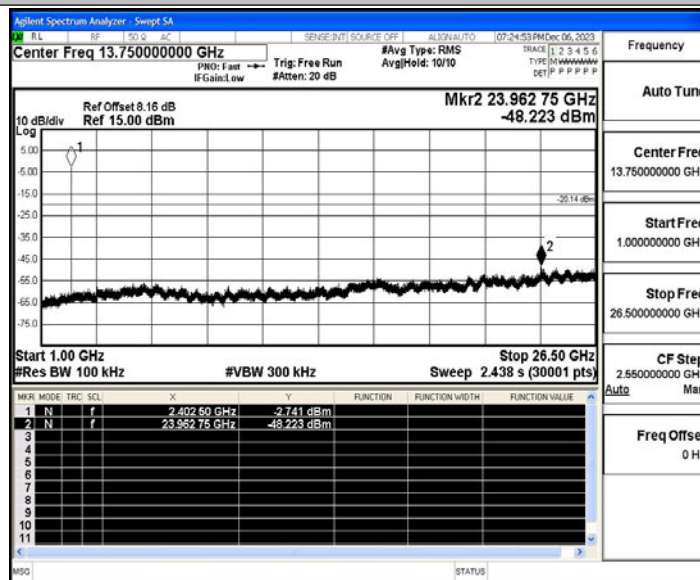


2DH5_Ant1_2402_30~1000



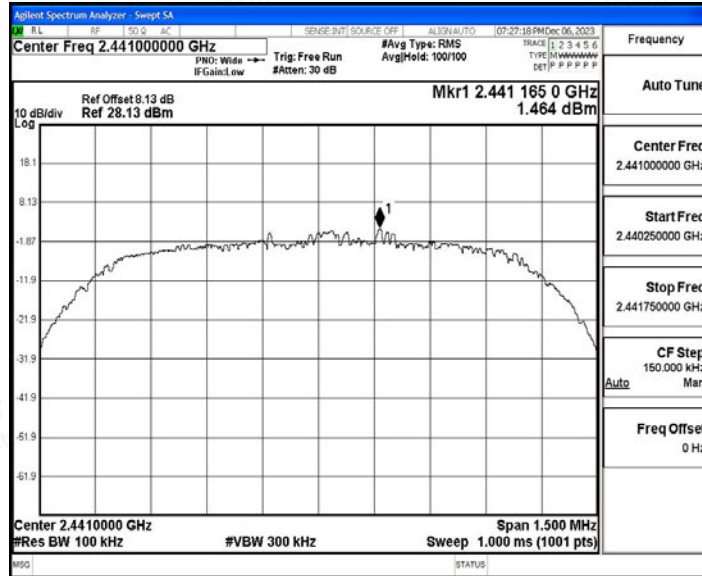


2DH5_Ant1_2402_1000~26500

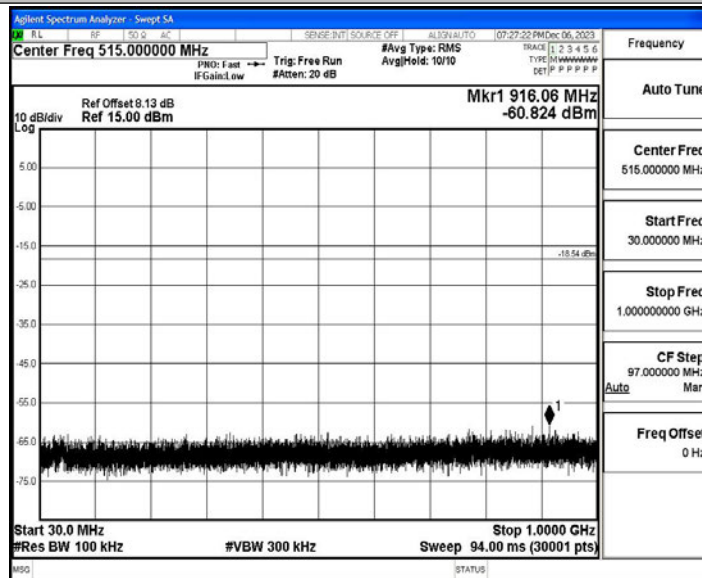


2DH5_Ant1_2441_0~Reference



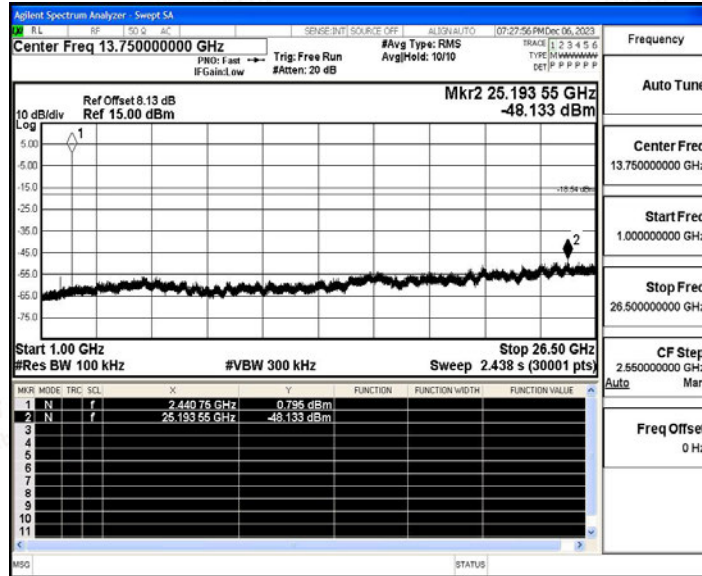


2DH5_Ant1_2441_30~1000

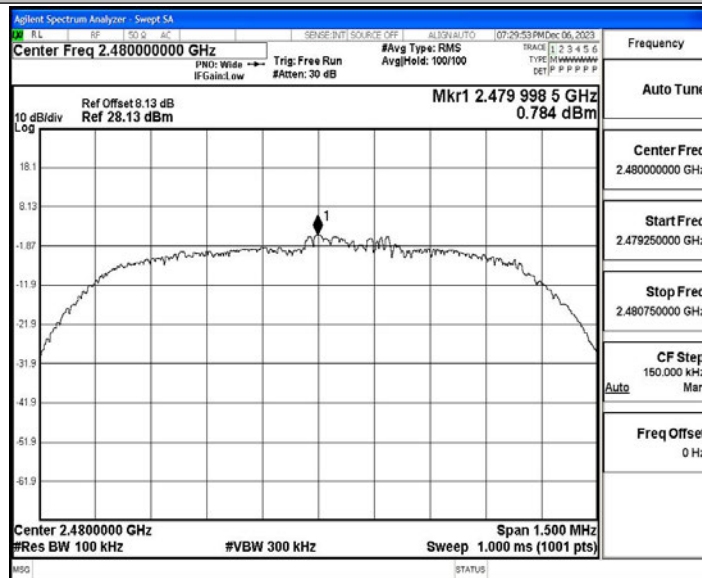


2DH5_Ant1_2441_1000~26500



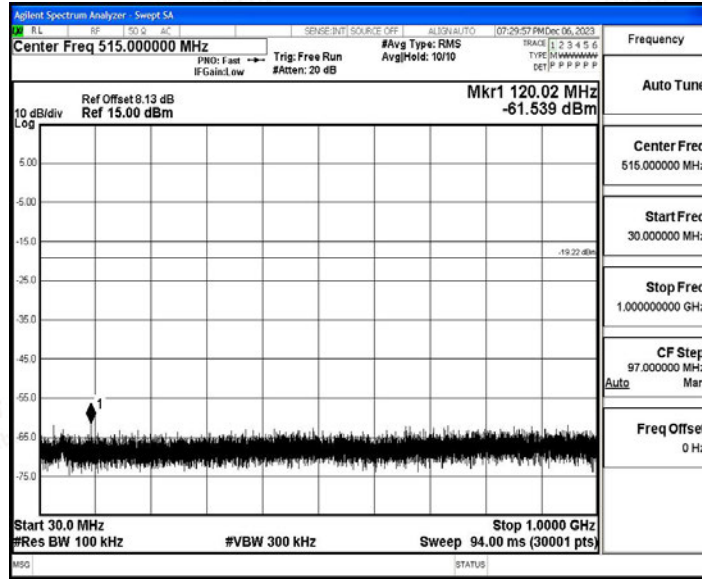


2DH5_Ant1_2480_0~Reference

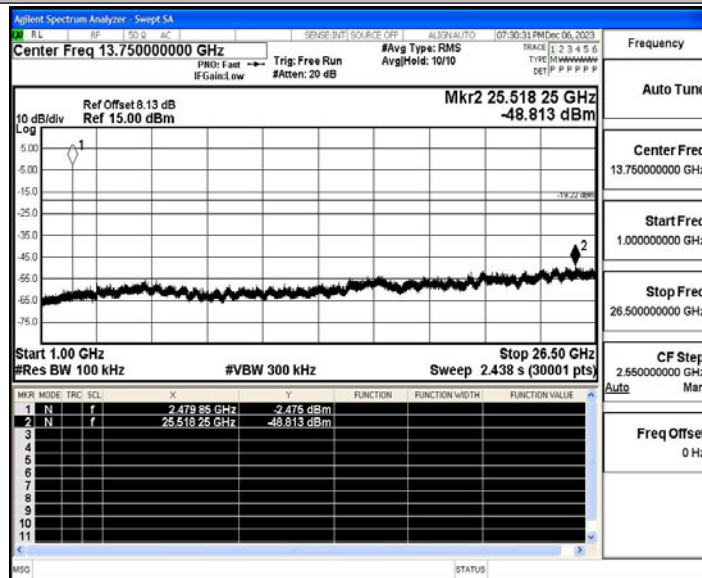


2DH5_Ant1_2480_30~1000



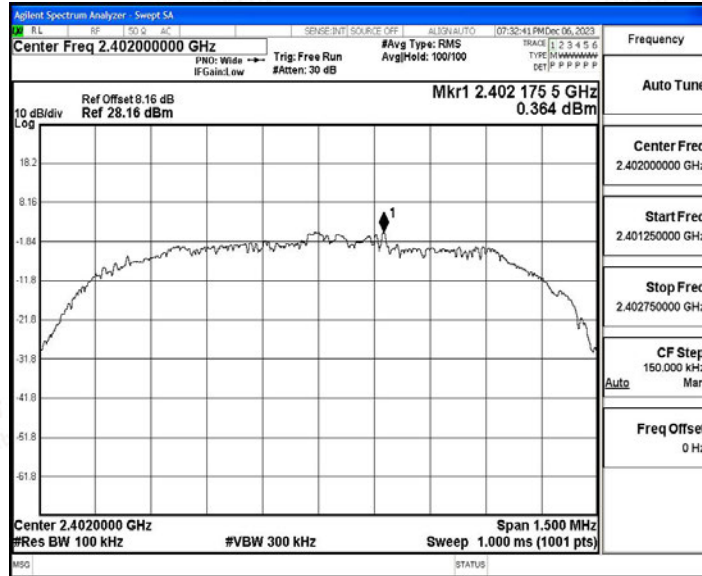


2DH5_Ant1_2480_1000~26500

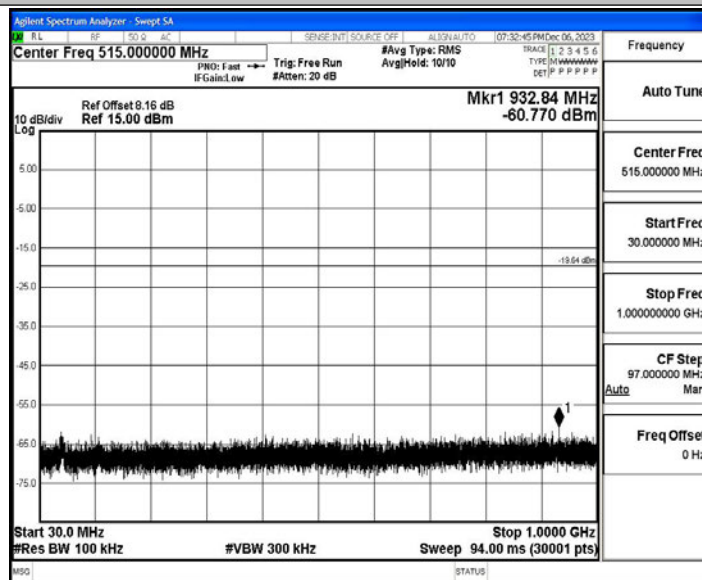


3DH5_Ant1_2402_0~Reference



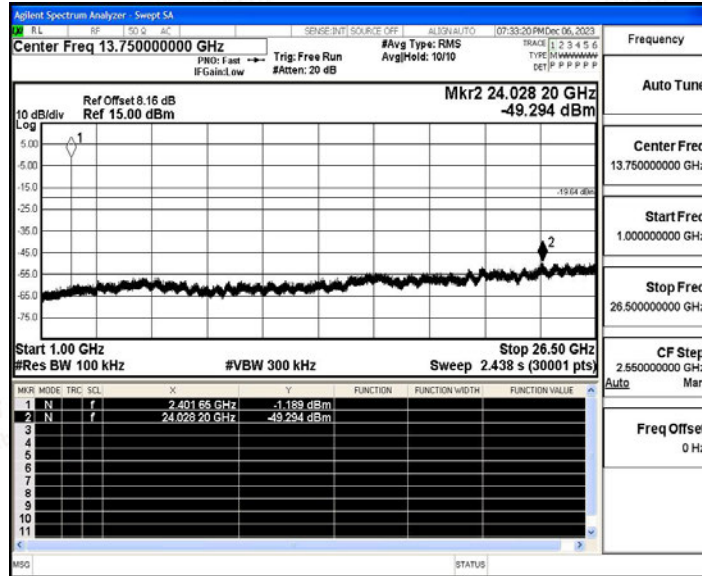


3DH5_Ant1_2402_30~1000

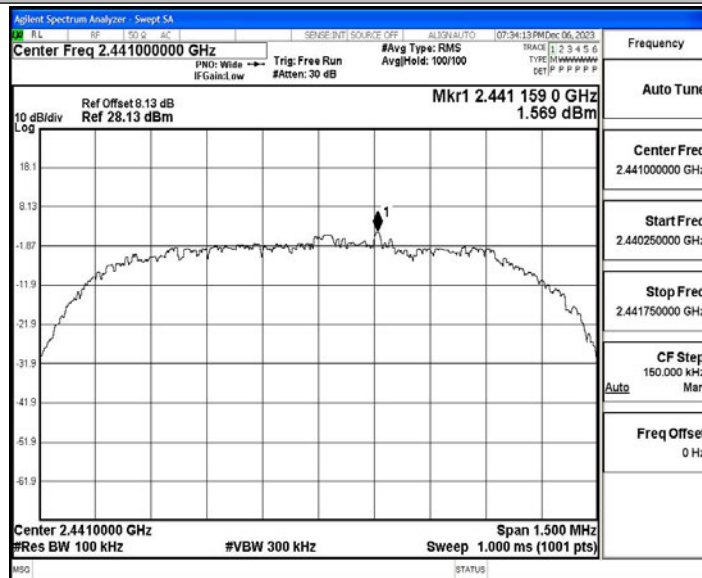


3DH5_Ant1_2402_1000~26500



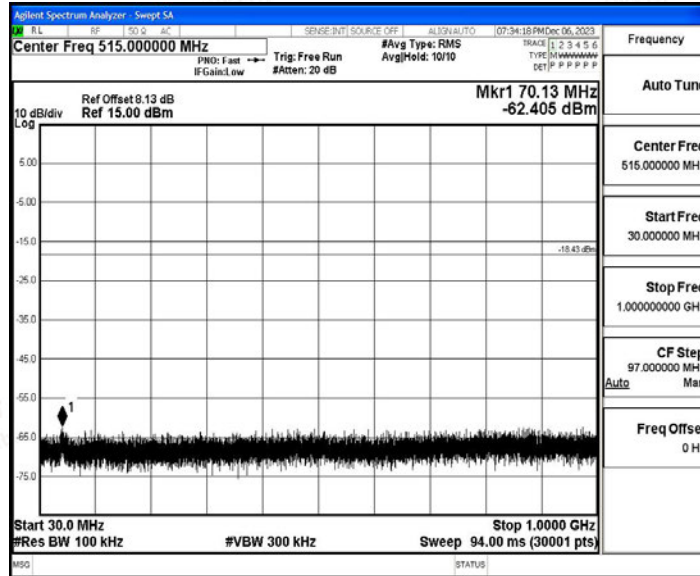


3DH5_Ant1_2441_0~Reference

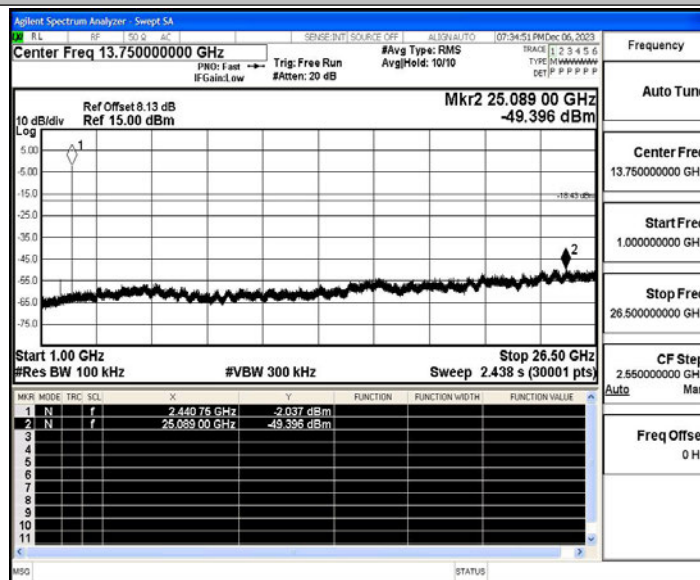


3DH5_Ant1_2441_30~1000



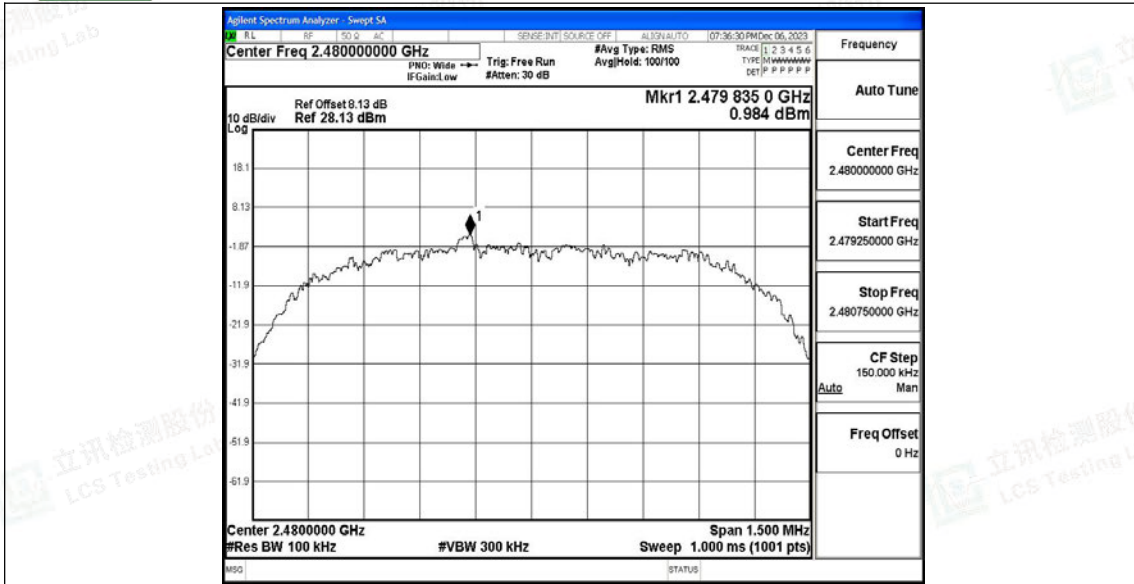


3DH5_Ant1_2441_1000~26500

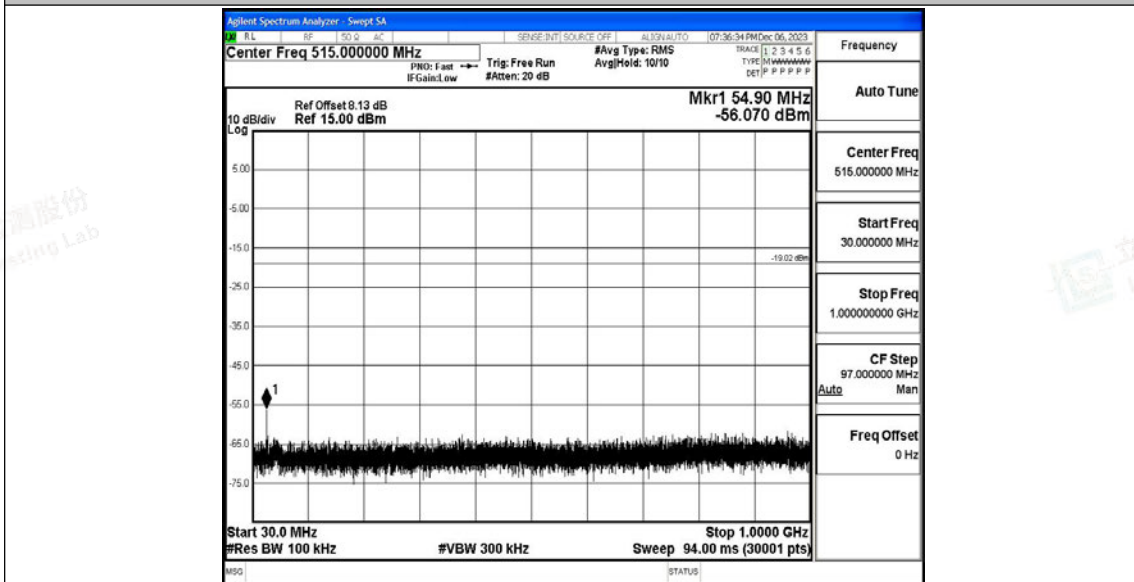


3DH5_Ant1_2480_0~Reference



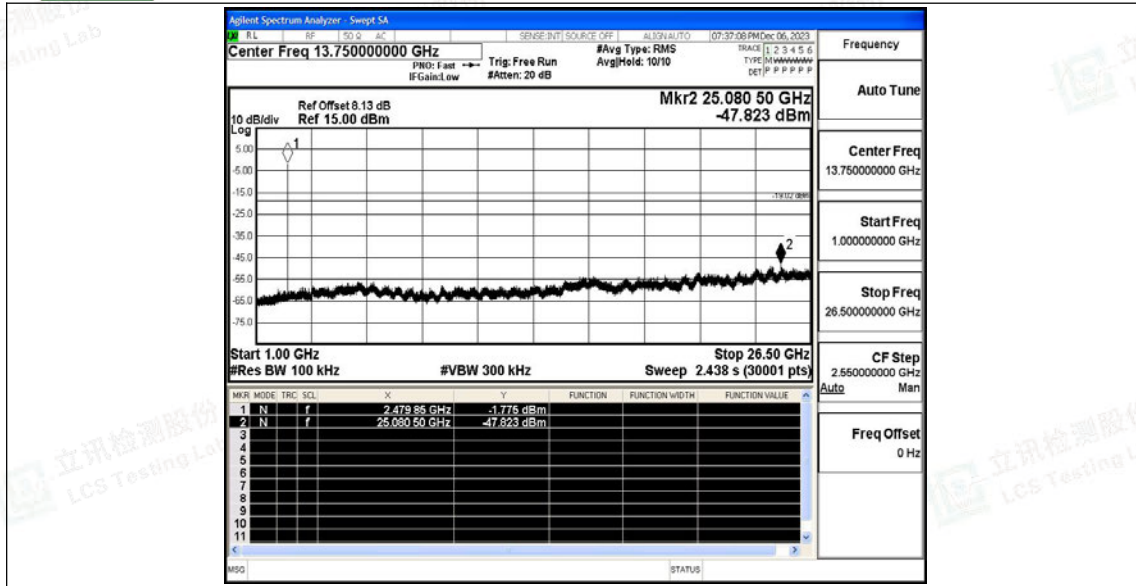


3DH5_Ant1_2480_30~1000



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	-49.14	≤-41.20	46.06	≤54	PASS		
				AV	2377.910	-48.64	≤-41.20	46.56	≤54	PASS		
				AV	2390.000	-48.85	≤-41.20	46.35	≤54	PASS		
				Peak	2310.000	-40.73	≤-21.20	54.47	≤74	PASS		
				Peak	2378.645	-39.32	≤-21.20	55.88	≤74	PASS		
				Peak	2390.000	-43.03	≤-21.20	52.17	≤74	PASS		
		High	2480	AV	2483.500	-48.27	≤-41.20	46.93	≤54	PASS		
				AV	2483.520	-48.27	≤-41.20	46.93	≤54	PASS		
				AV	2500.000	-48.68	≤-41.20	46.52	≤54	PASS		
				Peak	2483.500	-43.42	≤-21.20	51.78	≤74	PASS		
				Peak	2490.800	-39.82	≤-21.20	55.38	≤74	PASS		
				Peak	2500.000	-42.98	≤-21.20	52.22	≤74	PASS		
		Low	Hop_2402	Peak	2310.000	-41.45	≤-21.20	53.75	≤74	PASS		
				Peak	2322.575	-38.55	≤-21.20	56.65	≤74	PASS		
				Peak	2390.000	-41.11	≤-21.20	54.09	≤74	PASS		
		High	Hop_2480	Peak	2483.500	-40.97	≤-21.20	54.23	≤74	PASS		
				Peak	2492.800	-38.69	≤-21.20	56.51	≤74	PASS		
				Peak	2500.000	-40.09	≤-21.20	55.11	≤74	PASS		
		2DH5	Ant1	Low	2402	AV	2310.000	-49.14	≤-41.20	46.06	≤54	PASS
						AV	2381.690	-48.61	≤-41.20	46.59	≤54	PASS
						AV	2390.000	-48.73	≤-41.20	46.47	≤54	PASS
Peak	2310.000					-44.14	≤-21.20	51.06	≤74	PASS		
Peak	2359.220					-39.5	≤-21.20	55.70	≤74	PASS		
Peak	2390.000					-42.89	≤-21.20	52.31	≤74	PASS		
High	2480			AV	2483.500	-47.49	≤-41.20	47.71	≤54	PASS		
				AV	2483.520	-47.49	≤-41.20	47.71	≤54	PASS		
				AV	2500.000	-48.57	≤-41.20	46.63	≤54	PASS		
				Peak	2483.500	-43.27	≤-21.20	51.93	≤74	PASS		
				Peak	2484.560	-39.37	≤-21.20	55.83	≤74	PASS		
				Peak	2500.000	-43.25	≤-21.20	51.95	≤74	PASS		
Low	Hop_2402			Peak	2310.000	-42.01	≤-21.20	53.19	≤74	PASS		
				Peak	2389.985	-38.71	≤-21.20	56.49	≤74	PASS		
				Peak	2390.000	-38.72	≤-21.20	56.48	≤74	PASS		
High	Hop_2480			Peak	2483.500	-41.25	≤-21.20	53.95	≤74	PASS		
				Peak	2497.520	-37.94	≤-21.20	57.26	≤74	PASS		



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Scan code to check authenticity



3DH5	Ant1	Low	2402	Peak	2500.000	-39.14	≤-21.20	56.06	≤74	PASS	
				AV	2310.000	-48.99	≤-41.20	46.21	≤54	PASS	
				AV	2380.535	-48.61	≤-41.20	46.59	≤54	PASS	
				AV	2390.000	-48.91	≤-41.20	46.29	≤54	PASS	
				Peak	2310.000	-44.32	≤-21.20	50.88	≤74	PASS	
				Peak	2339.690	-39.14	≤-21.20	56.06	≤74	PASS	
		High	2480	Peak	2390.000	-43.4	≤-21.20	51.80	≤74	PASS	
				AV	2483.500	-47.23	≤-41.20	47.97	≤54	PASS	
				AV	2483.520	-47.23	≤-41.20	47.97	≤54	PASS	
				AV	2500.000	-48.67	≤-41.20	46.53	≤54	PASS	
				Peak	2483.500	-44.6	≤-21.20	50.60	≤74	PASS	
				Peak	2485.840	-39.12	≤-21.20	56.08	≤74	PASS	
		Low	Hop_2402	Peak	2500.000	-43.47	≤-21.20	51.73	≤74	PASS	
				Peak	2310.000	-41.05	≤-21.20	54.15	≤74	PASS	
				Peak	2344.730	-38.08	≤-21.20	57.12	≤74	PASS	
		High	Hop_2480	Peak	2390.000	-41.2	≤-21.20	54.00	≤74	PASS	
				Peak	2483.500	-40.5	≤-21.20	54.70	≤74	PASS	
				Peak	2486.960	-38.69	≤-21.20	56.51	≤74	PASS	
					Peak	2500.000	-39.42	≤-21.20	55.78	≤74	PASS

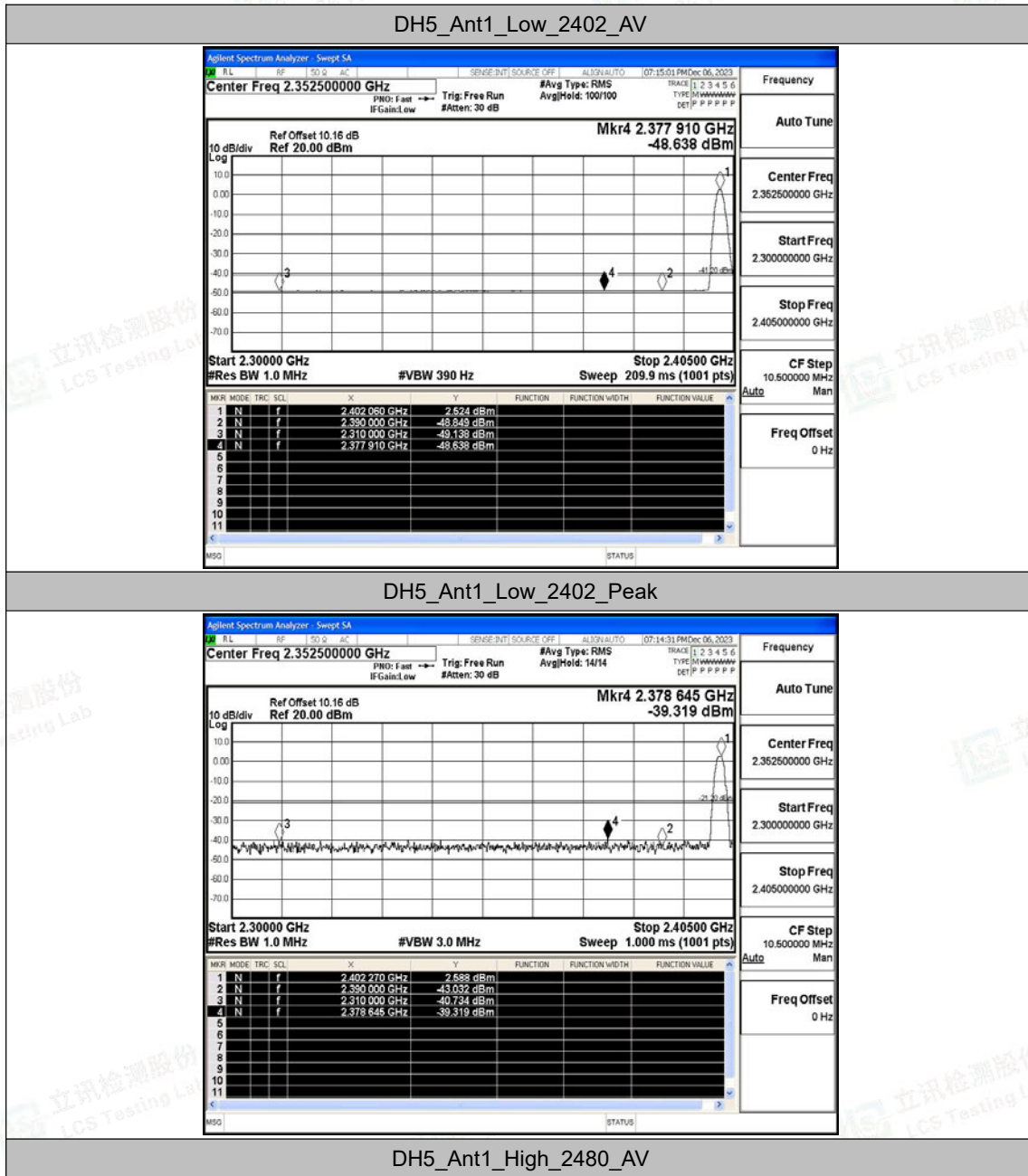
Note:

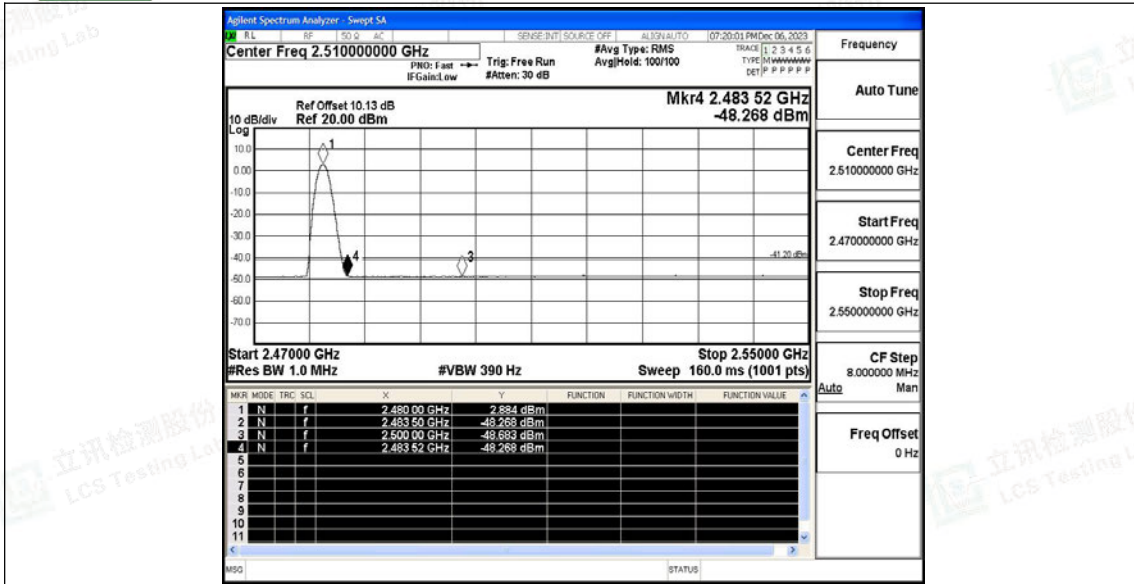
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



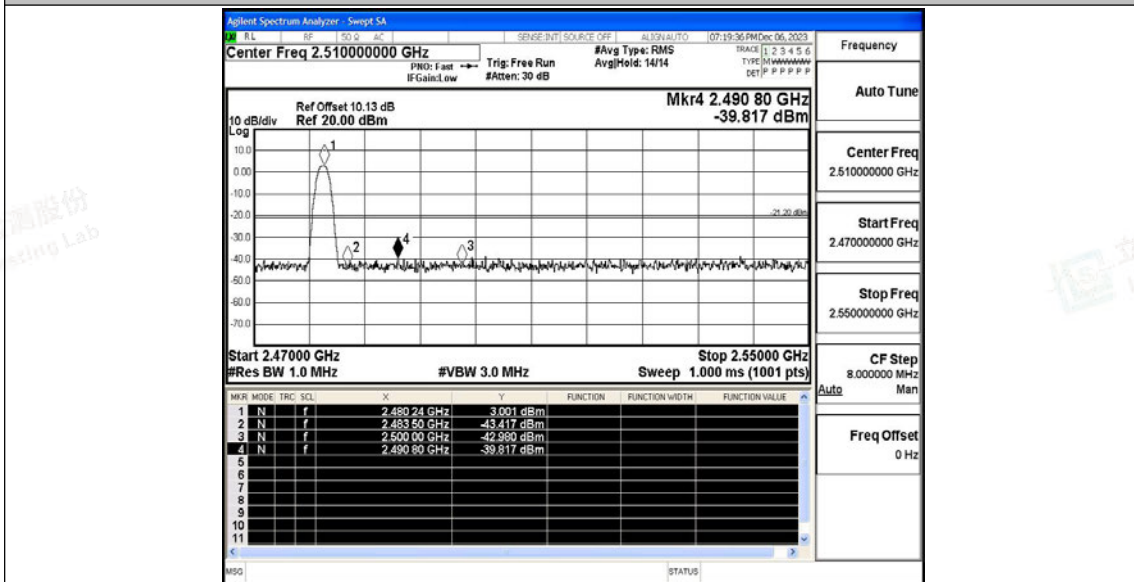


Test Graphs



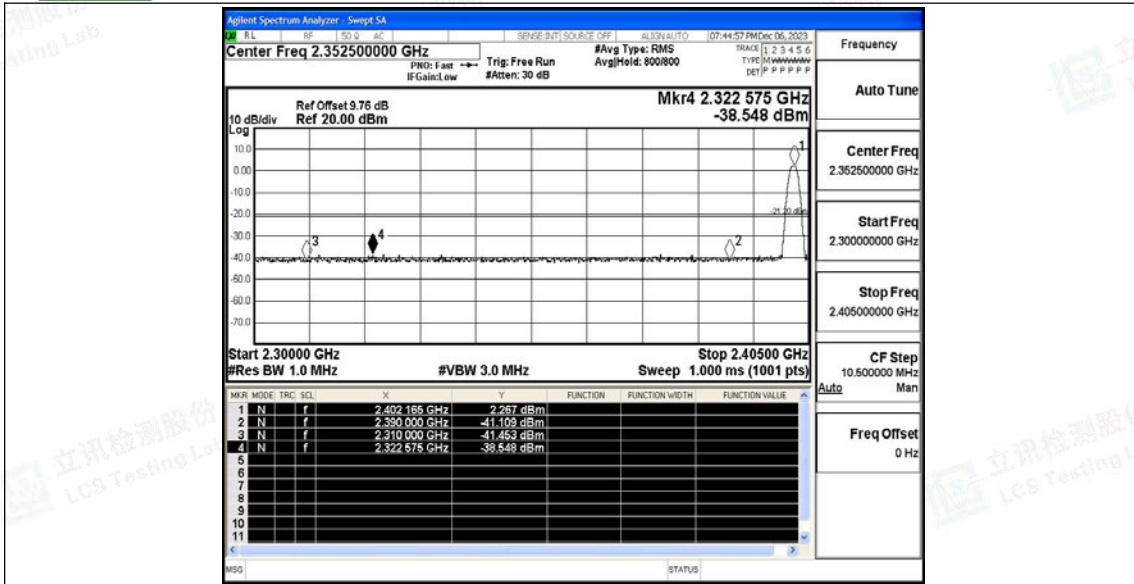


DH5_Ant1_High_2480_Peak

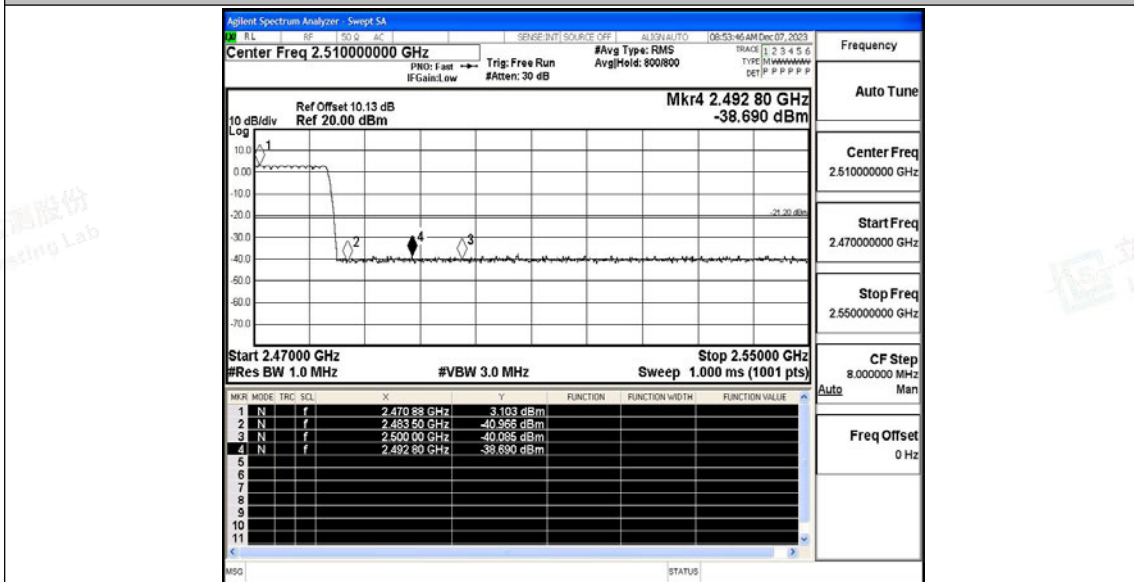


DH5_Ant1_Low_Hop_2402_Peak



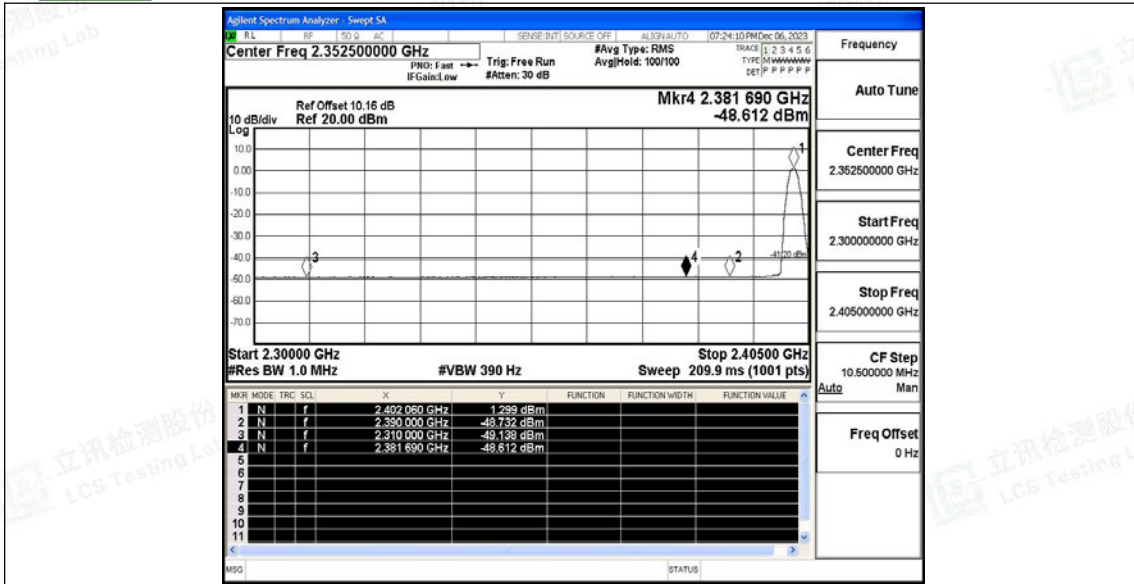


DH5_Ant1_High_Hop_2480_Peak

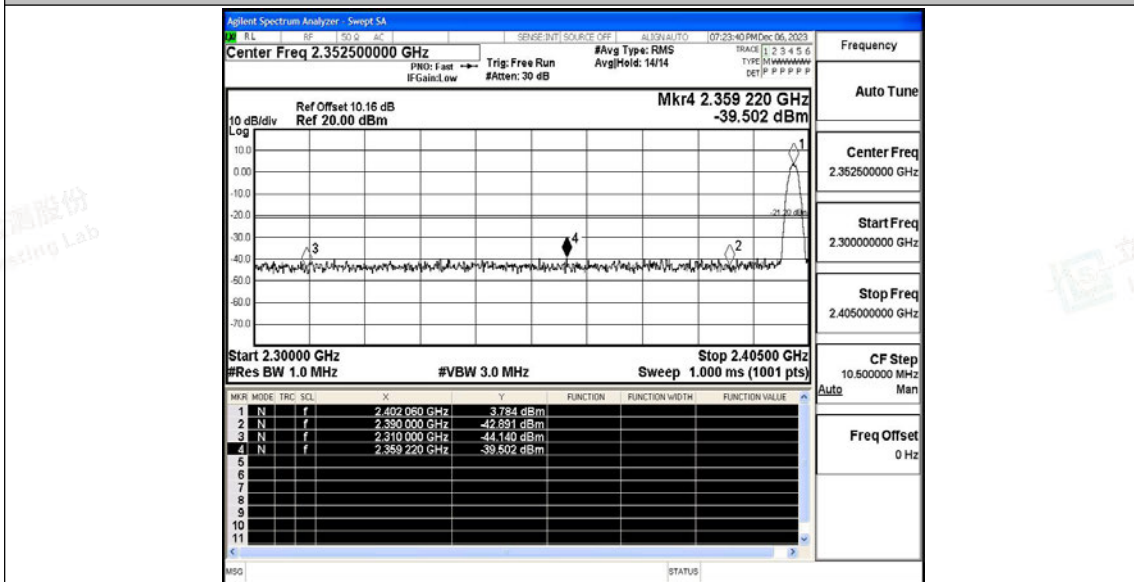


2DH5_Ant1_Low_2402_AV



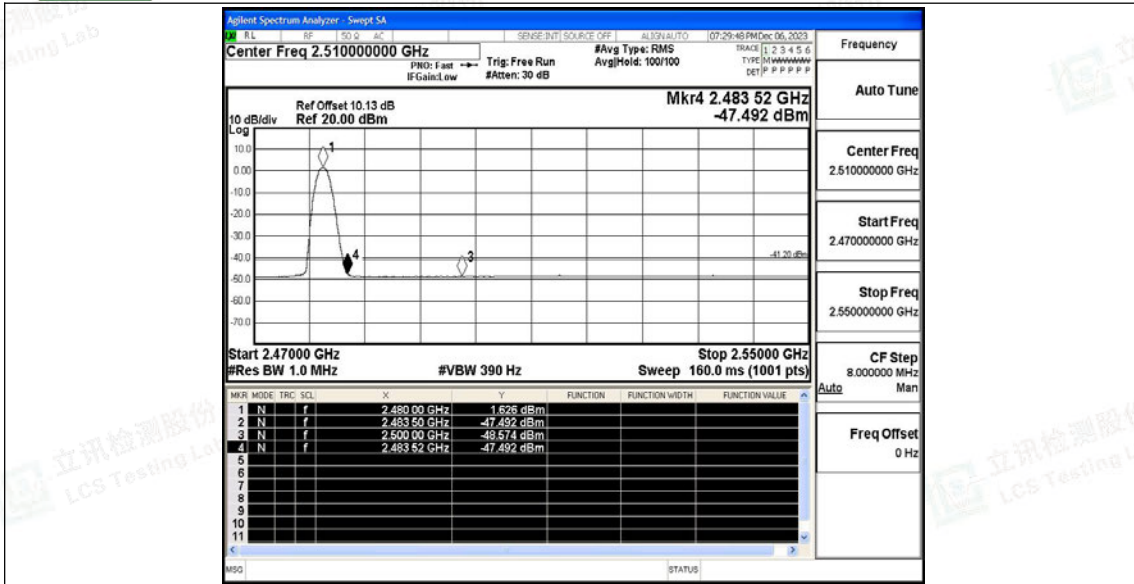


2DH5_Ant1_Low_2402_Peak

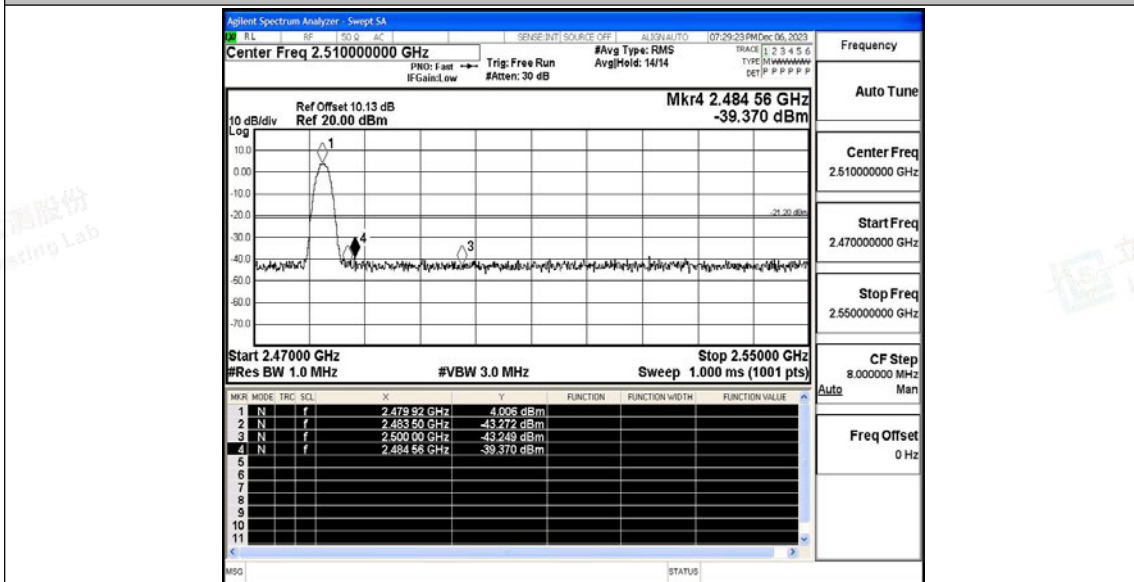


2DH5_Ant1_High_2480_AV



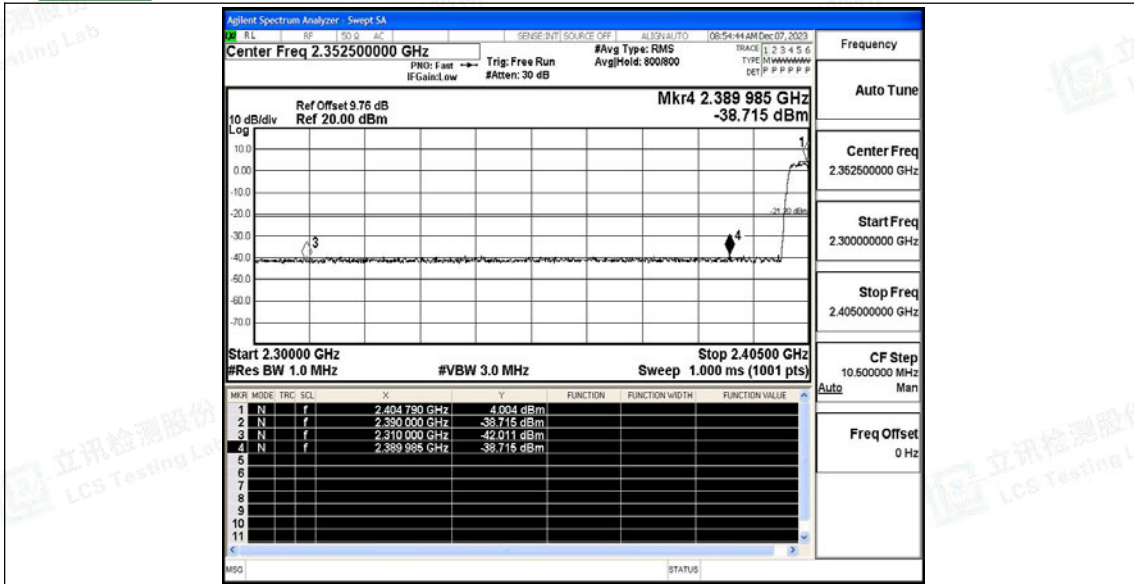


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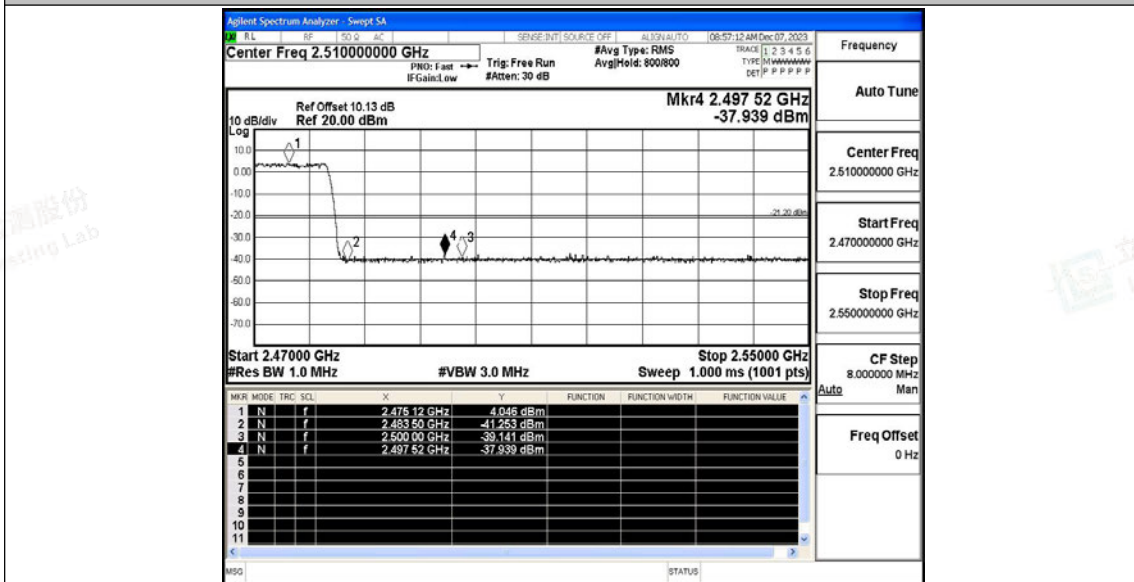


2DH5_Ant1_Low_Hop_2402_Peak



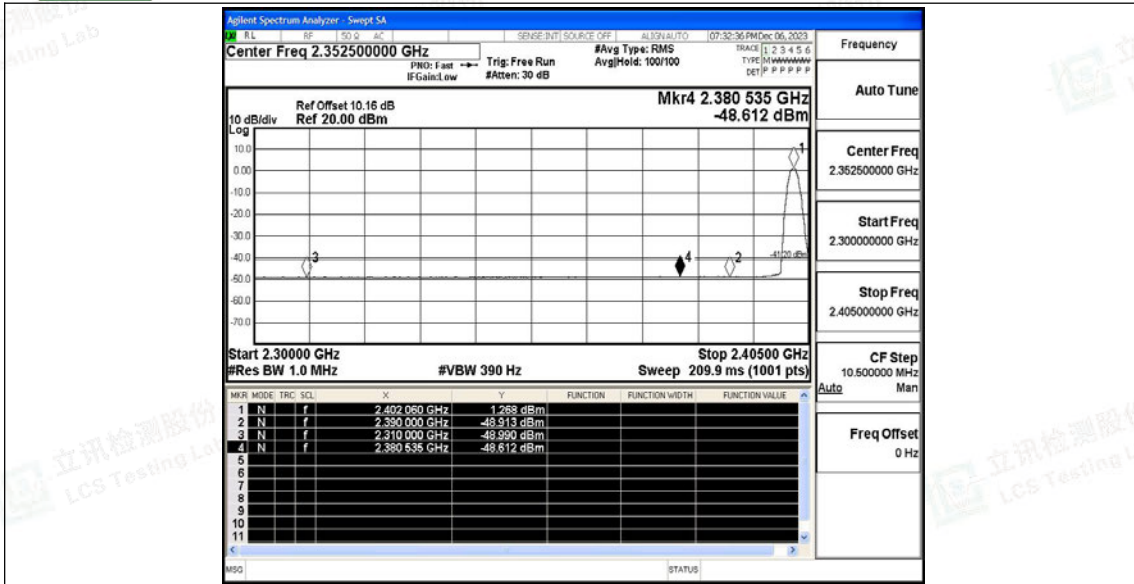


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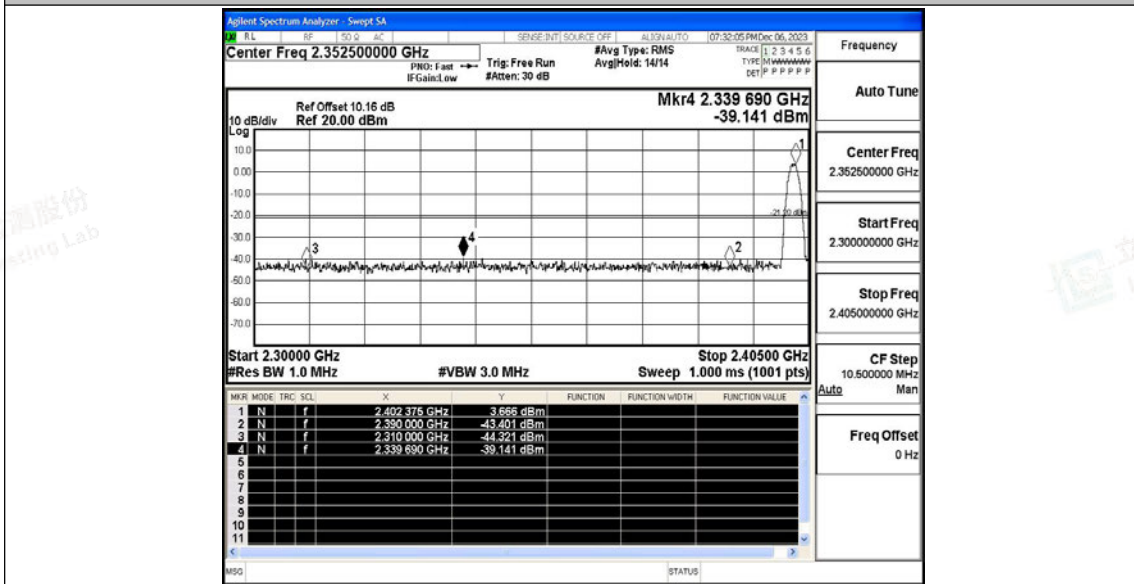


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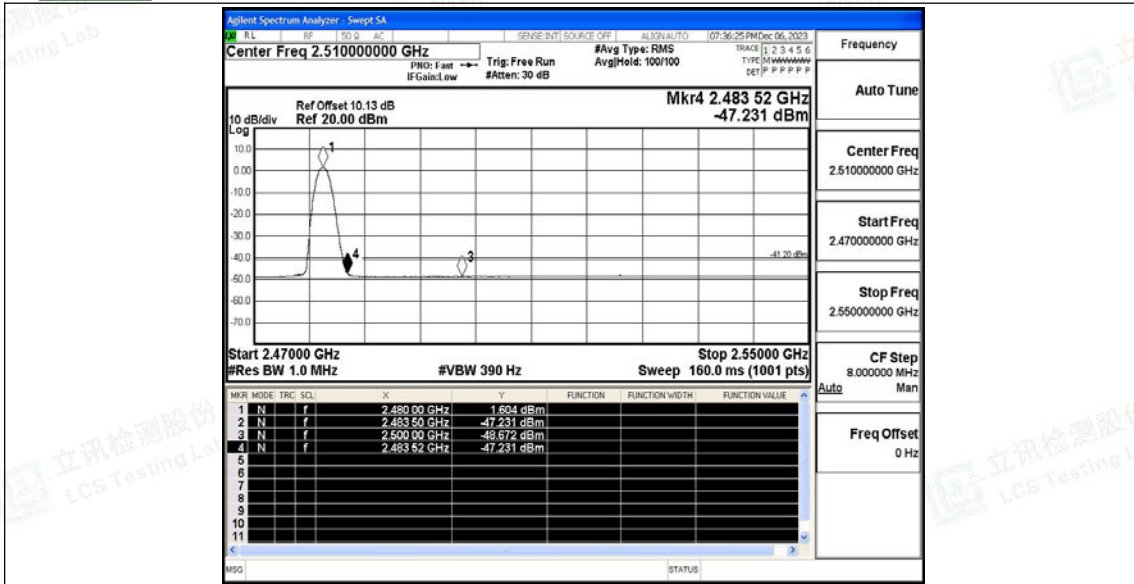


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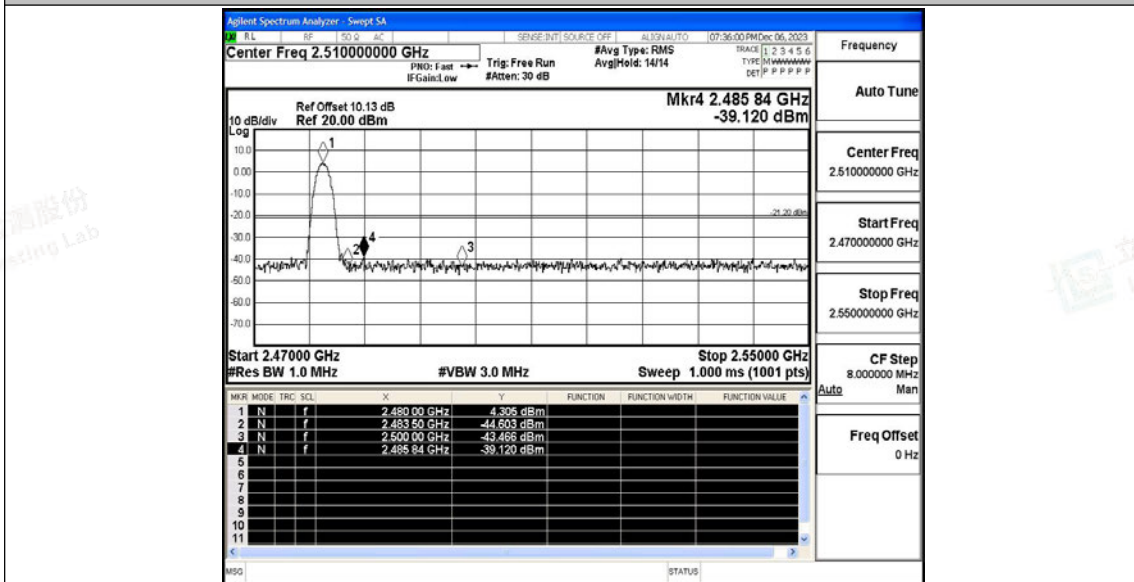


3DH5_Ant1_High_2480_AV



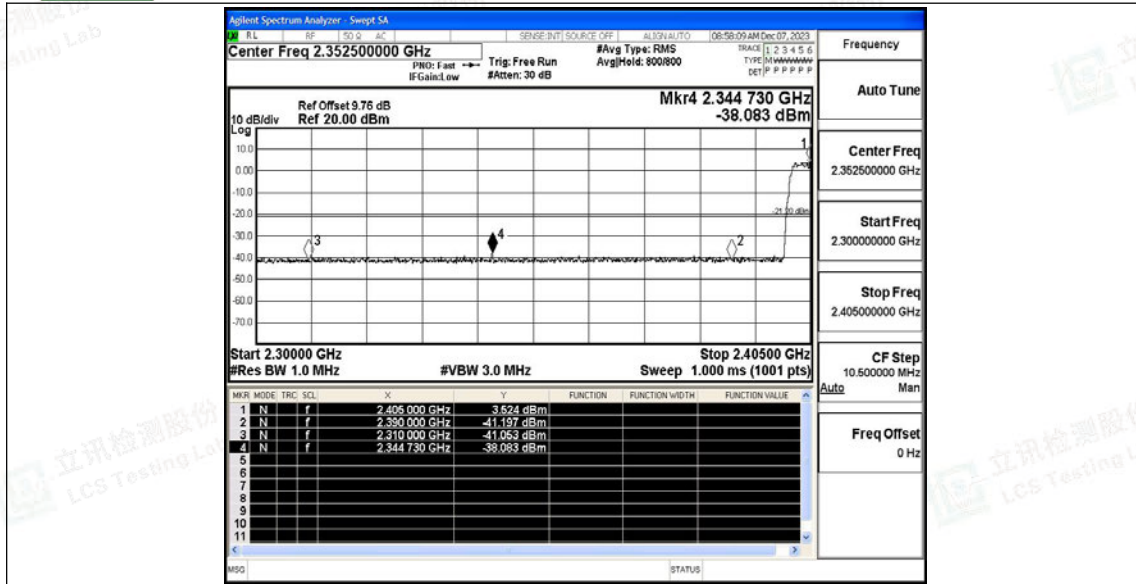


3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak





3DH5_Ant1_High_Hop_2480_Peak

