



## Appendix A

### RF Test Data for BT (Conducted Measurement)

Product Name: Tablet PC

Test Model: MW1021P

#### Environmental Conditions

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





### A.1 20dB Emission Bandwidth

#### Test Result

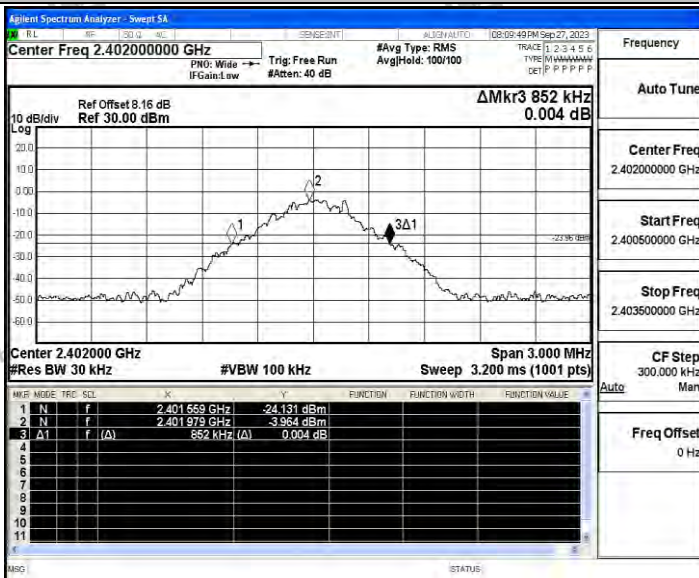
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant	2402	0.852	2401.559	2402.411	---
		2441	0.864	2440.553	2441.417	---
		2480	0.861	2479.559	2480.420	---
2DH5	Ant	2402	1.320	2401.340	2402.660	---
		2441	1.278	2440.370	2441.648	---
		2480	1.287	2479.367	2480.654	---
3DH5	Ant	2402	1.284	2401.364	2402.648	---
		2441	1.305	2440.349	2441.654	---
		2480	1.269	2479.358	2480.627	---



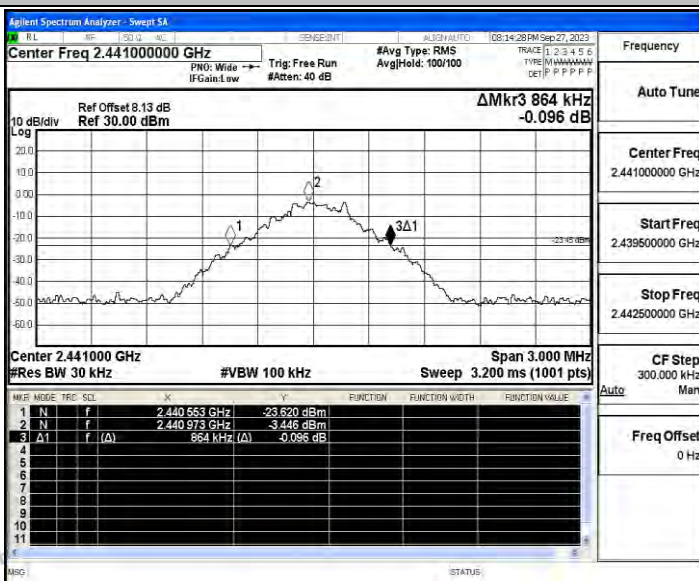


Test Graphs

DH5\_Ant\_2402

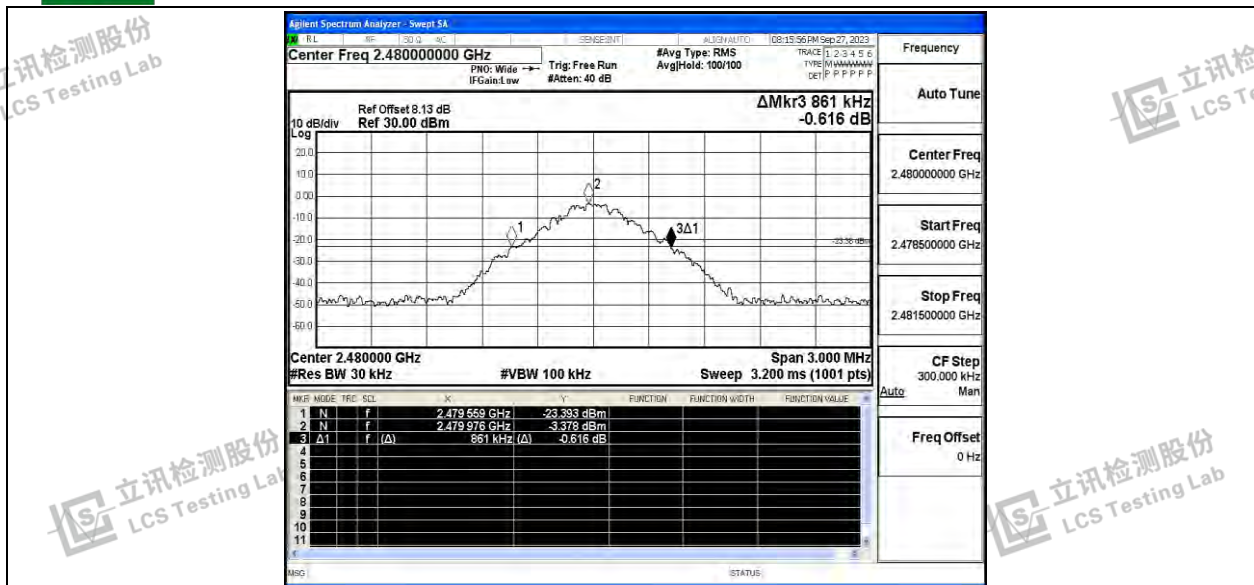


DH5\_Ant\_2441

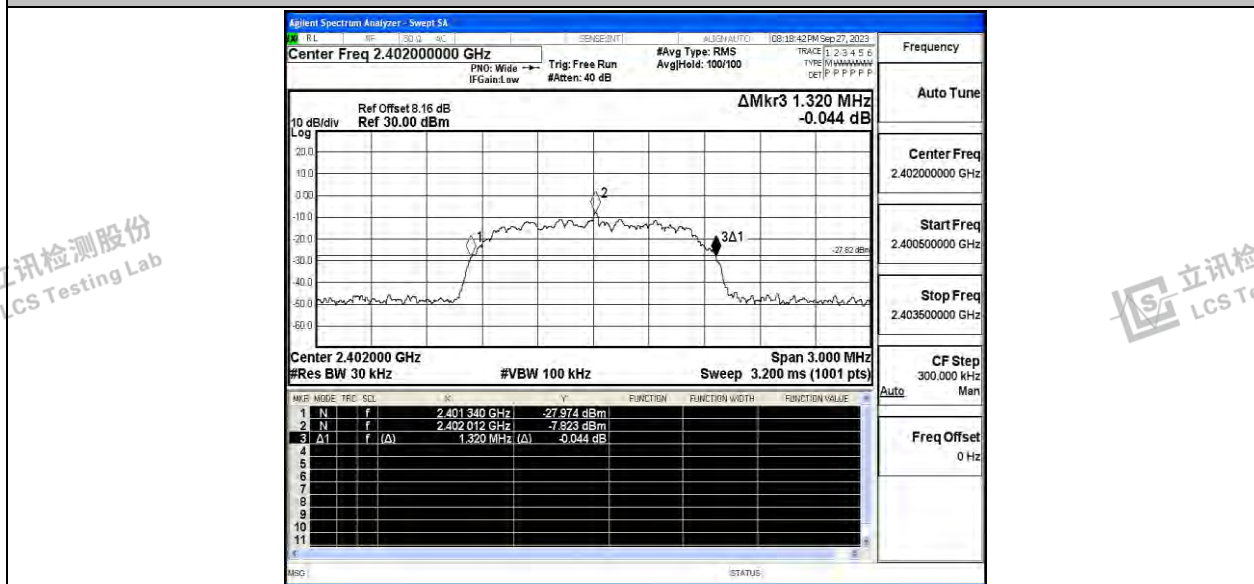


DH5\_Ant\_2480



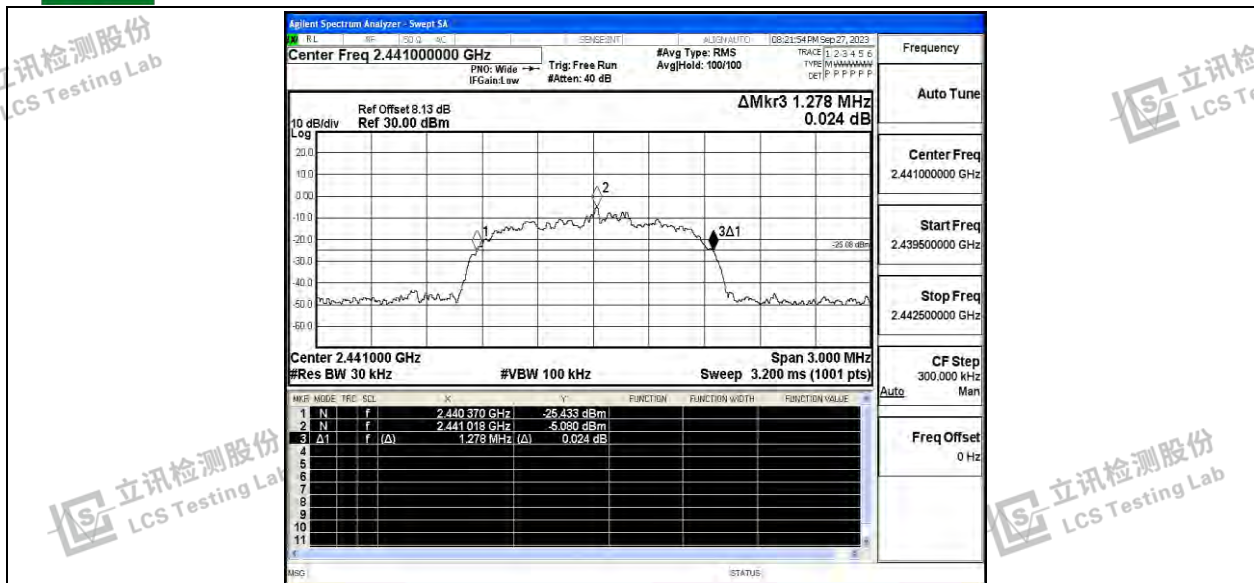


2DH5\_Ant\_2402

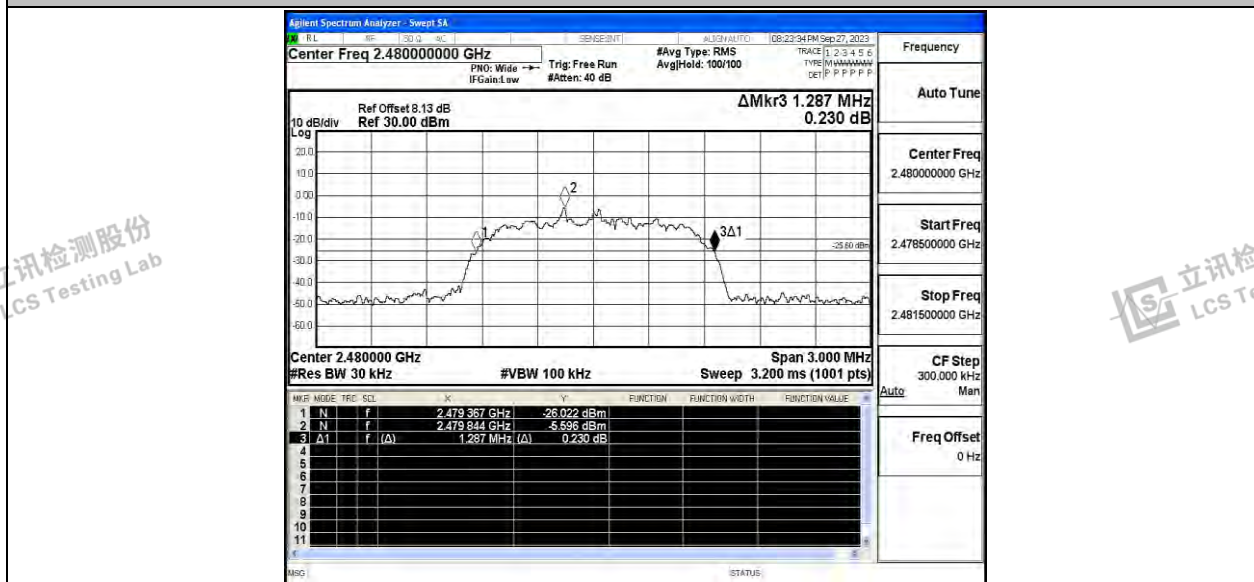


2DH5\_Ant\_2441



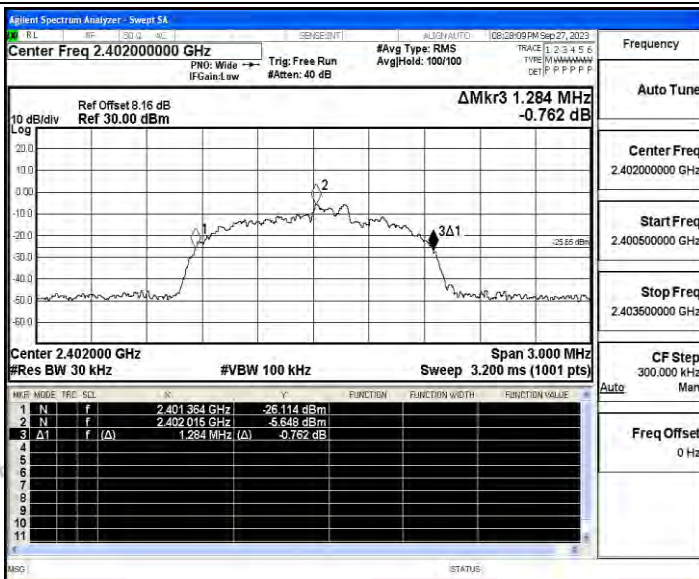


2DH5\_Ant\_2480

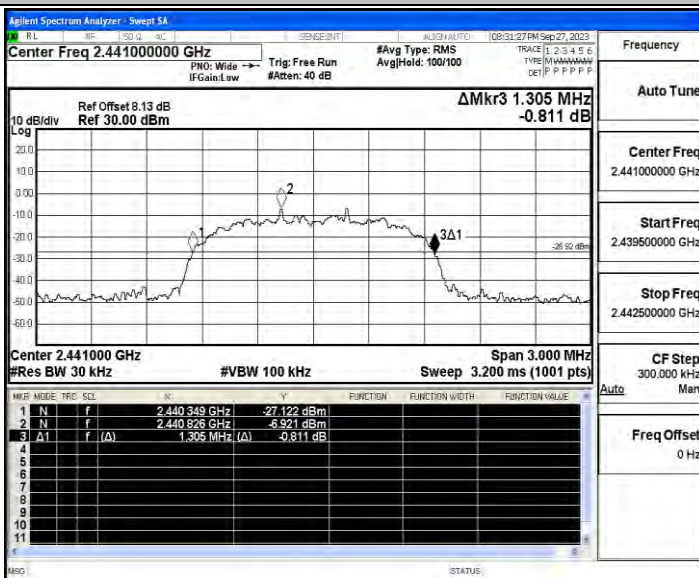


3DH5\_Ant\_2402



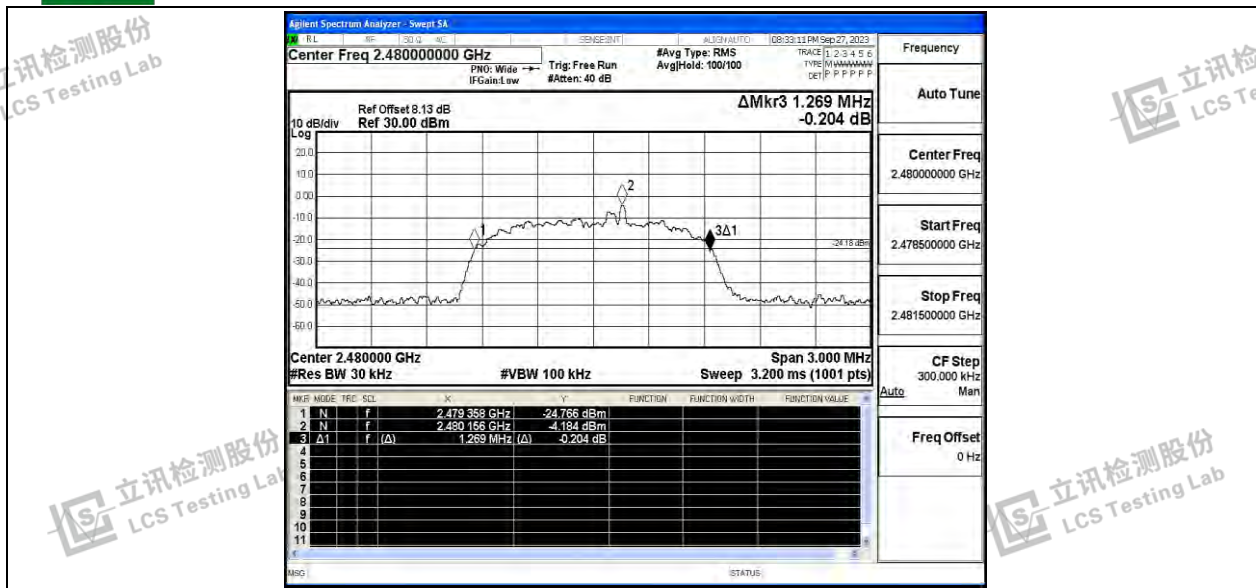


3DH5\_Ant\_2441



3DH5\_Ant\_2480







## A.2 Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant	2402	-0.83	≤20.97	PASS
		2441	-0.47	≤20.97	PASS
		2480	-0.37	≤20.97	PASS
2DH5	Ant	2402	-1.43	≤20.97	PASS
		2441	-1.06	≤20.97	PASS
		2480	-0.93	≤20.97	PASS
3DH5	Ant	2402	-1.45	≤20.97	PASS
		2441	-1.1	≤20.97	PASS
		2480	-1.01	≤20.97	PASS

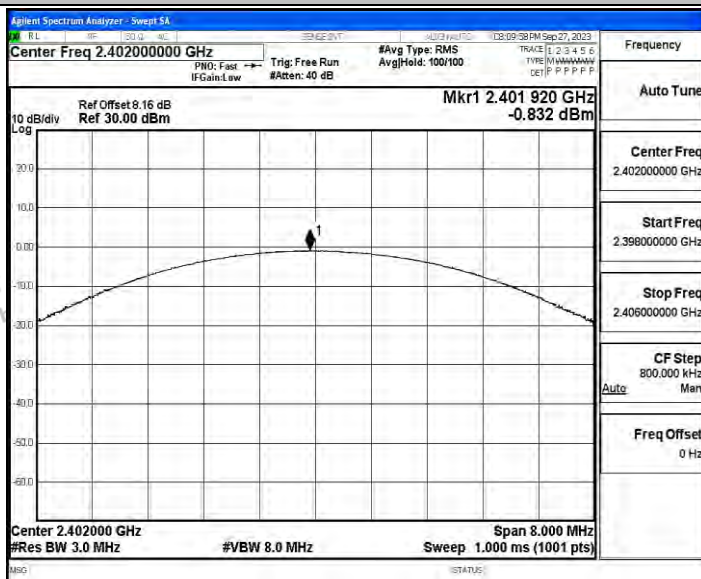




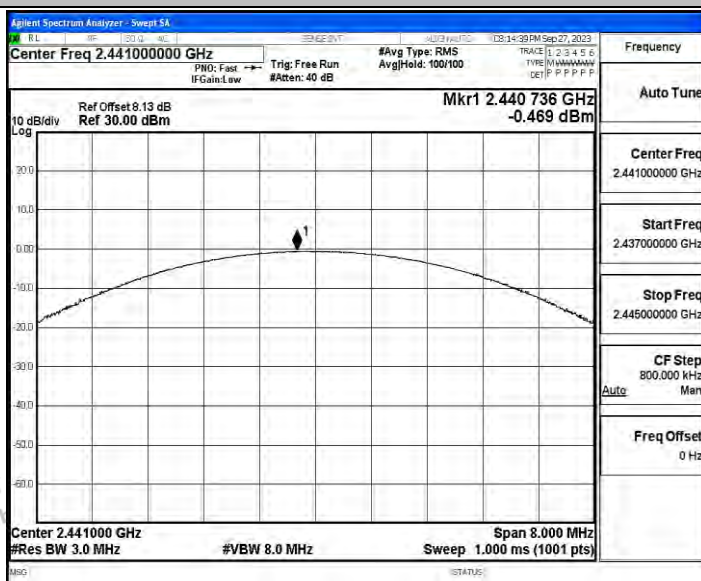


### Test Graphs

DH5\_Ant\_2402

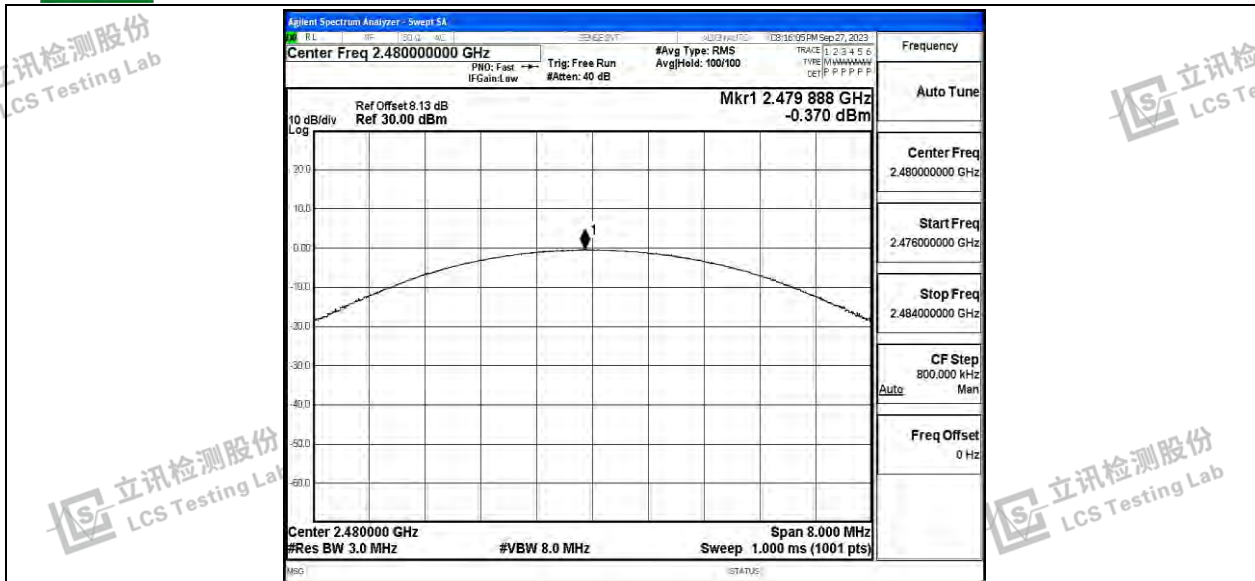


DH5\_Ant\_2441

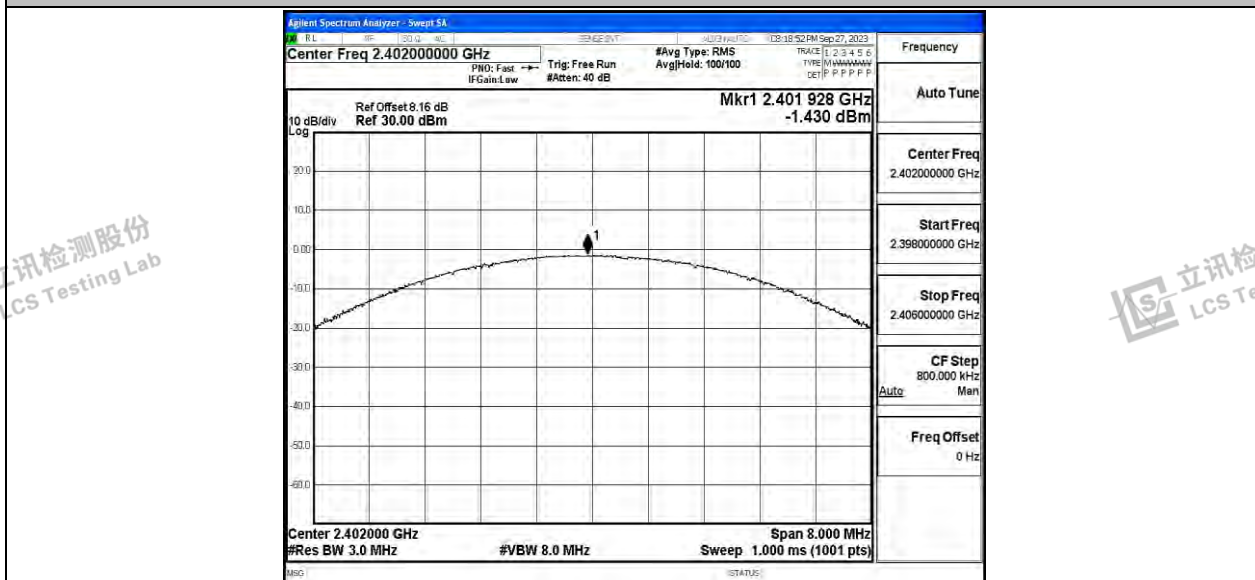


DH5\_Ant\_2480



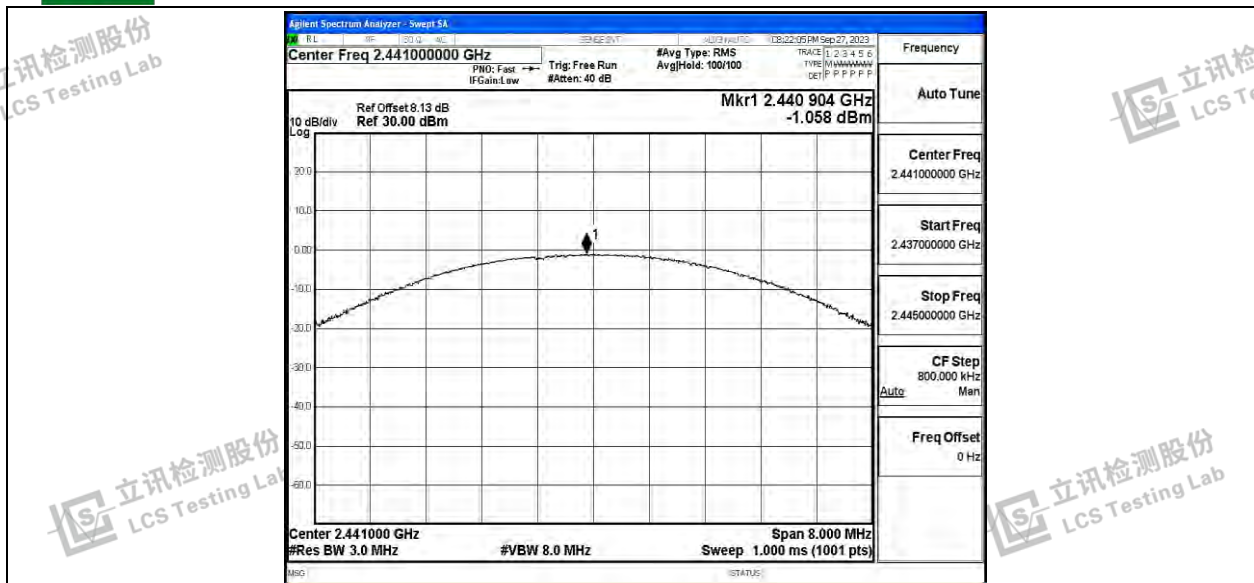


2DH5\_Ant\_2402

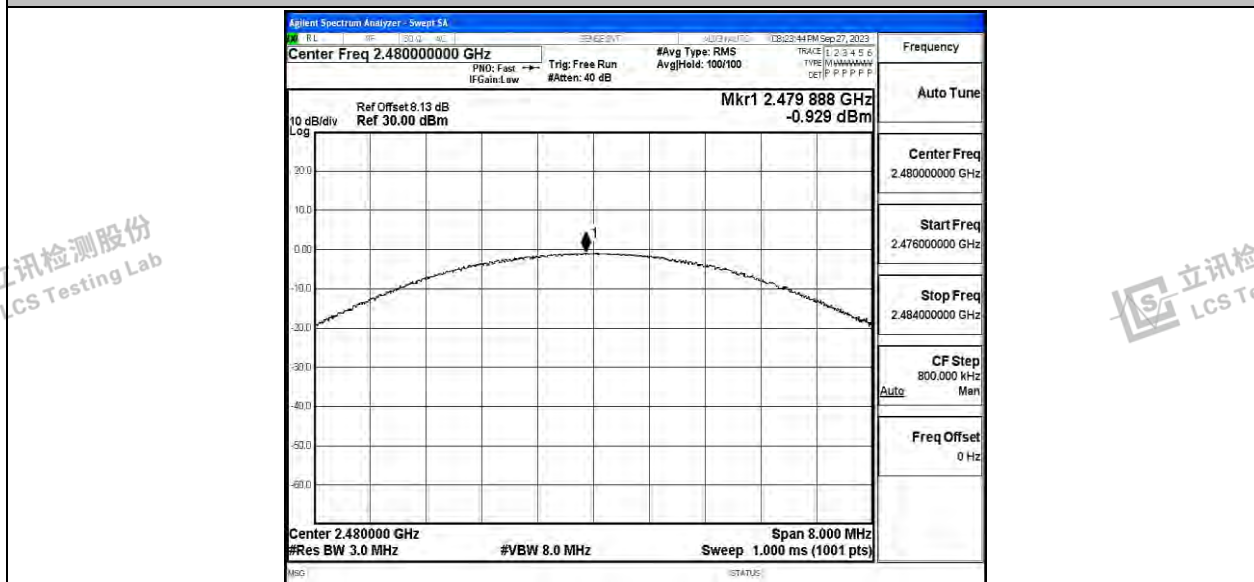


2DH5\_Ant\_2441



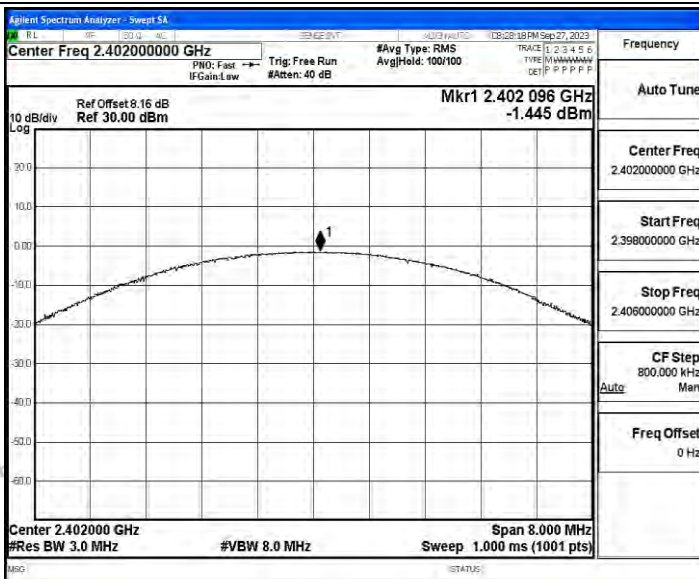


2DH5\_Ant\_2480

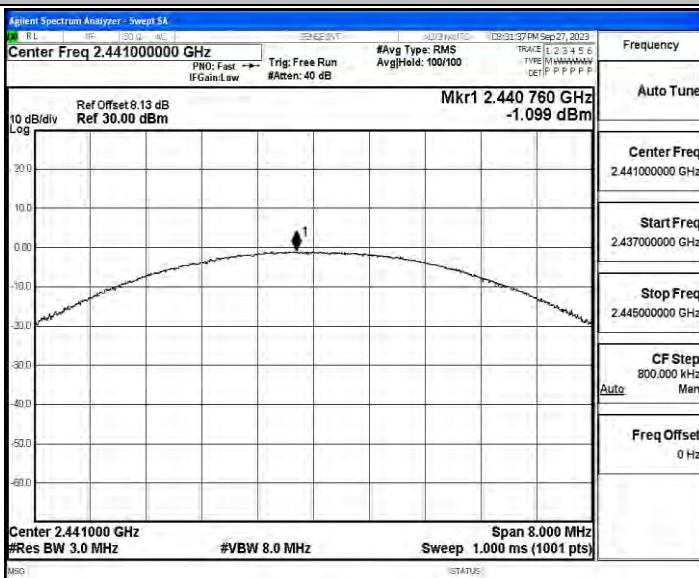


3DH5\_Ant\_2402



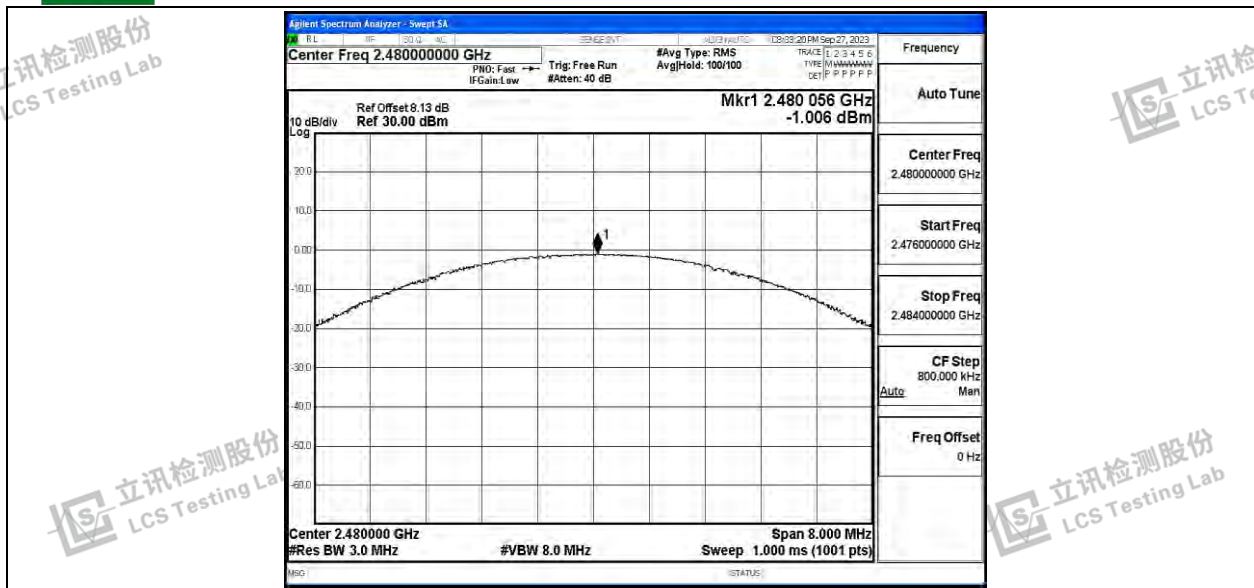


3DH5\_Ant\_2441



3DH5\_Ant\_2480





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### A.3 Carrier frequency separation

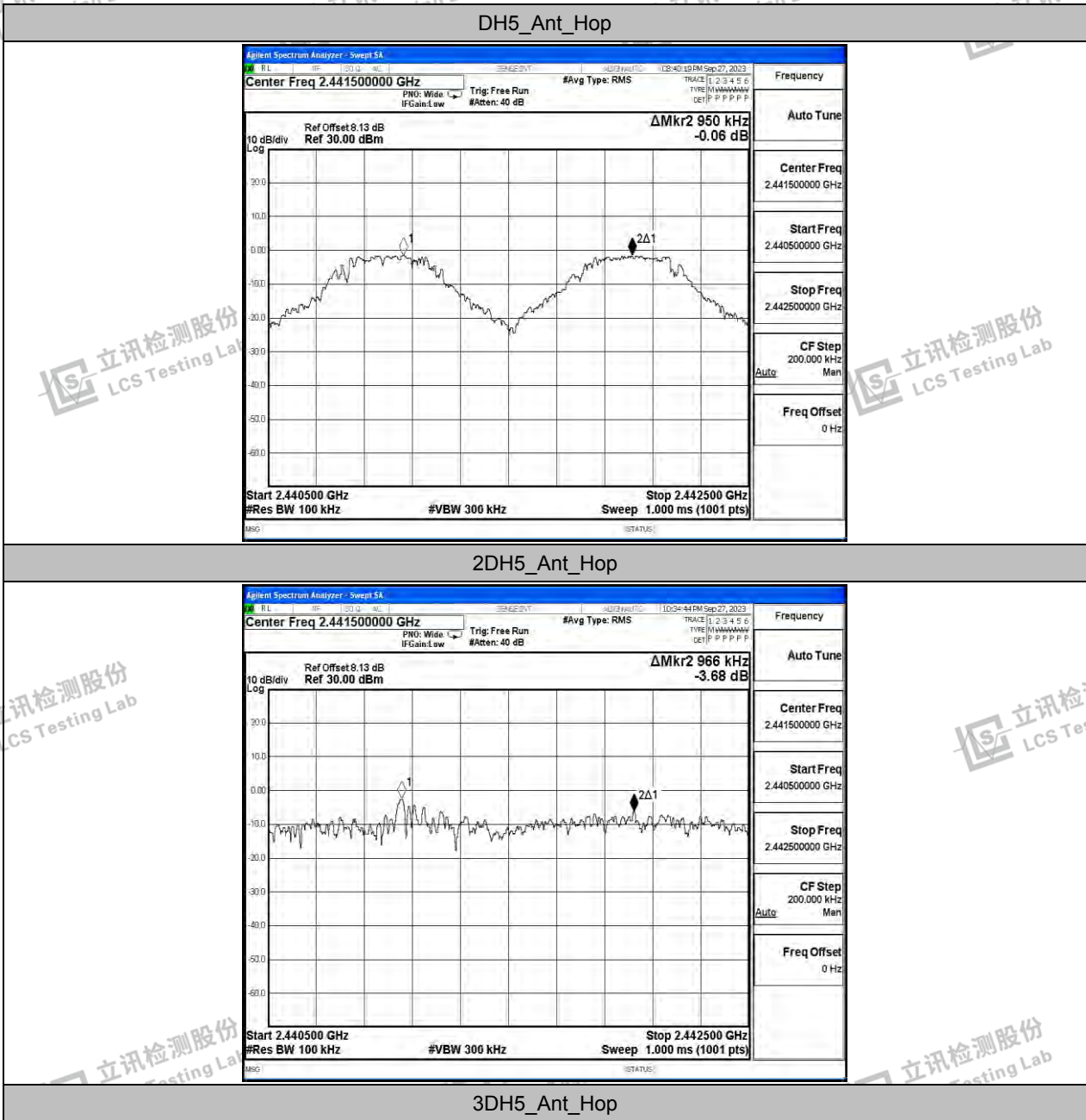
#### Test Result

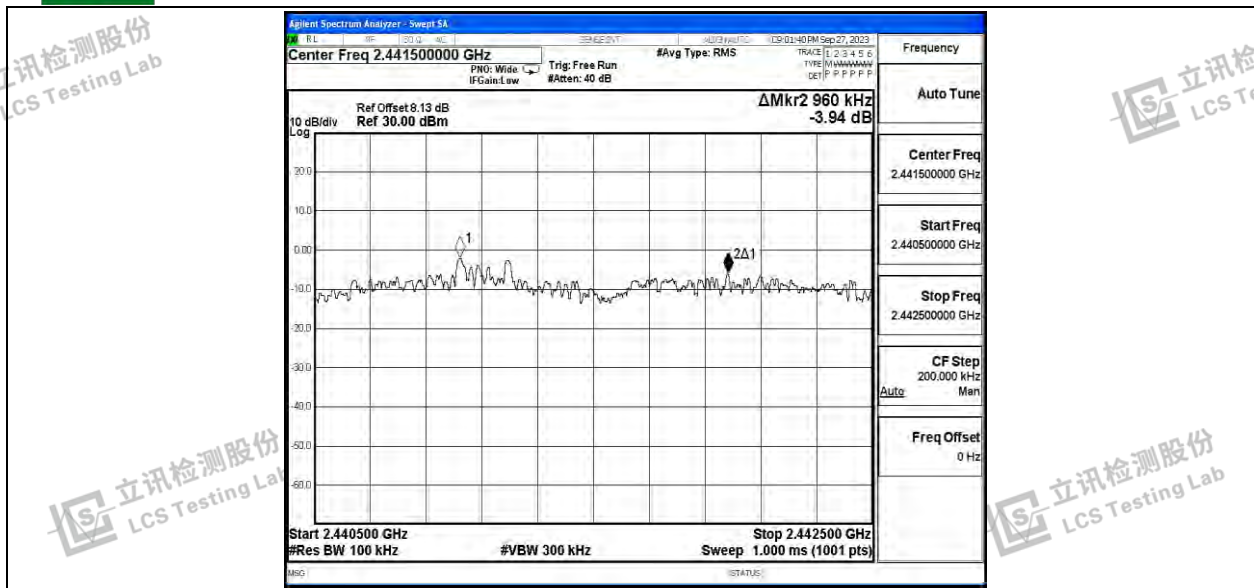
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant	Hop	0.95	≥0.576	PASS
2DH5	Ant	Hop	0.966	≥0.880	PASS
3DH5	Ant	Hop	0.96	≥0.870	PASS





### Test Graphs





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## A.4 Time of occupancy

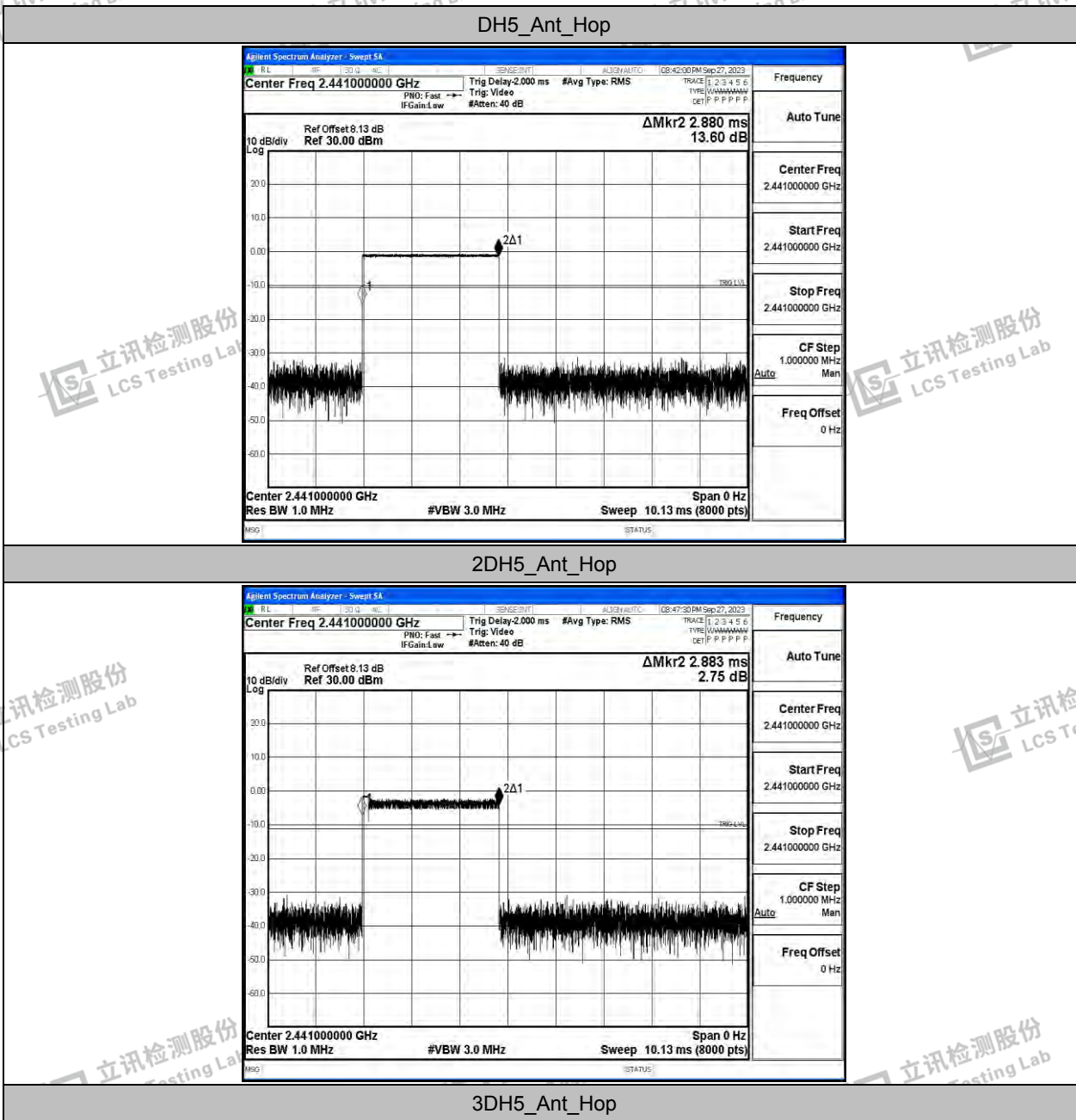
### Test Result

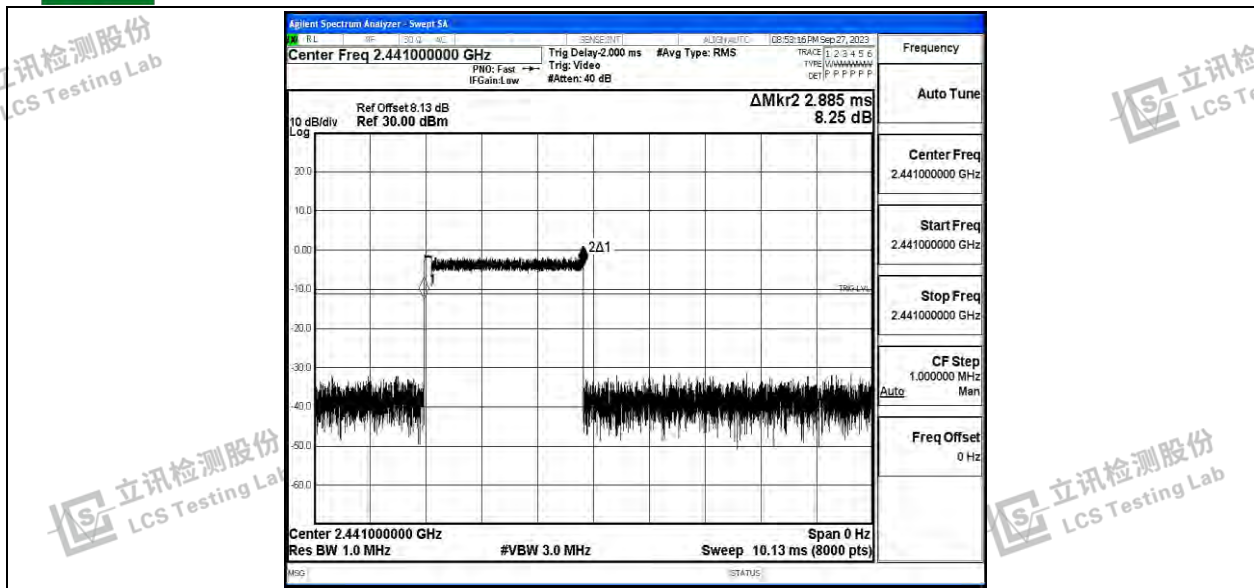
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH5	Ant	Hop	2.883	106.67	0.308	≤0.4	PASS
3DH5	Ant	Hop	2.885	106.67	0.308	≤0.4	PASS





### Test Graphs





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## A.5 Number of hopping channels

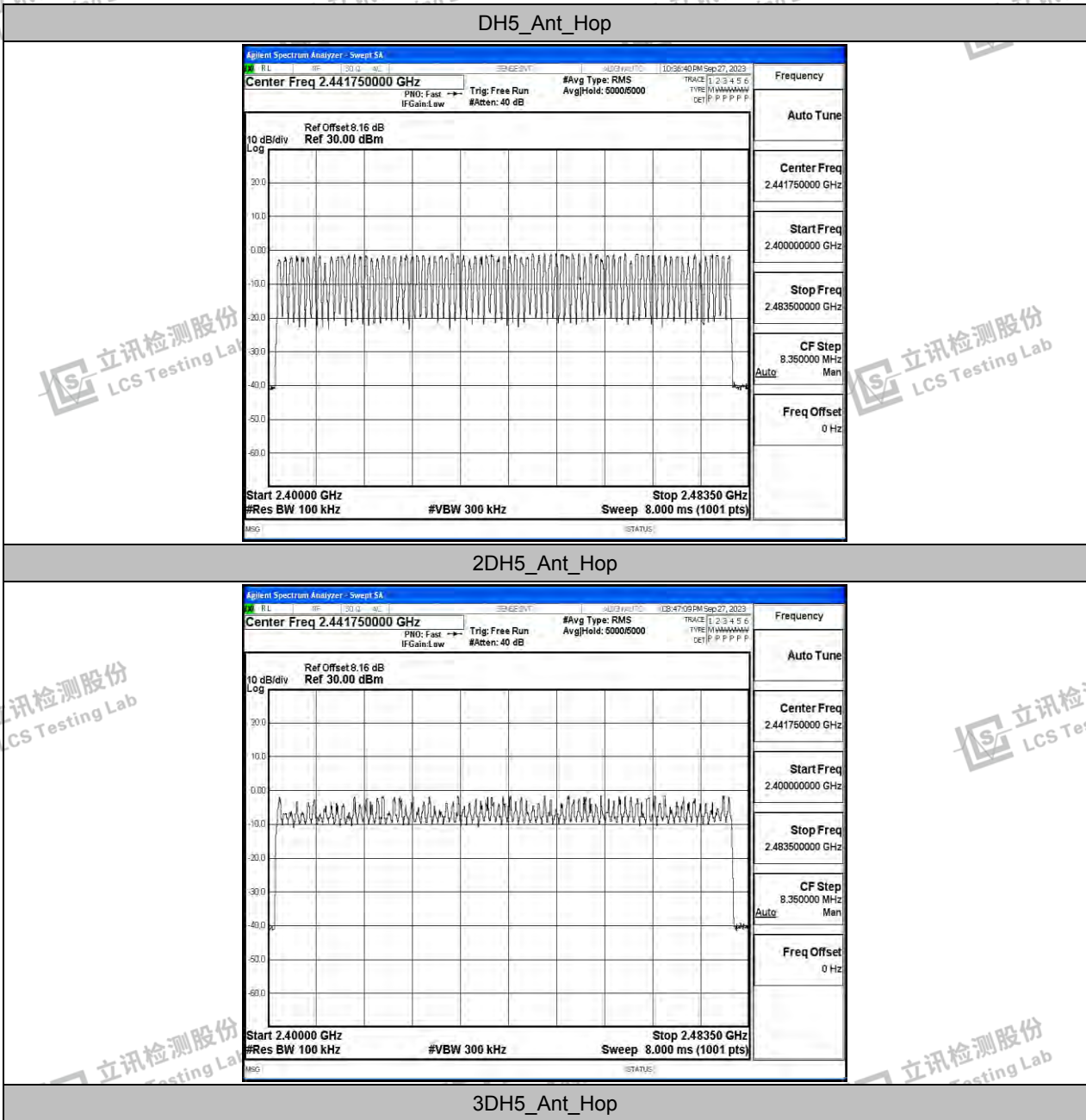
### Test Result

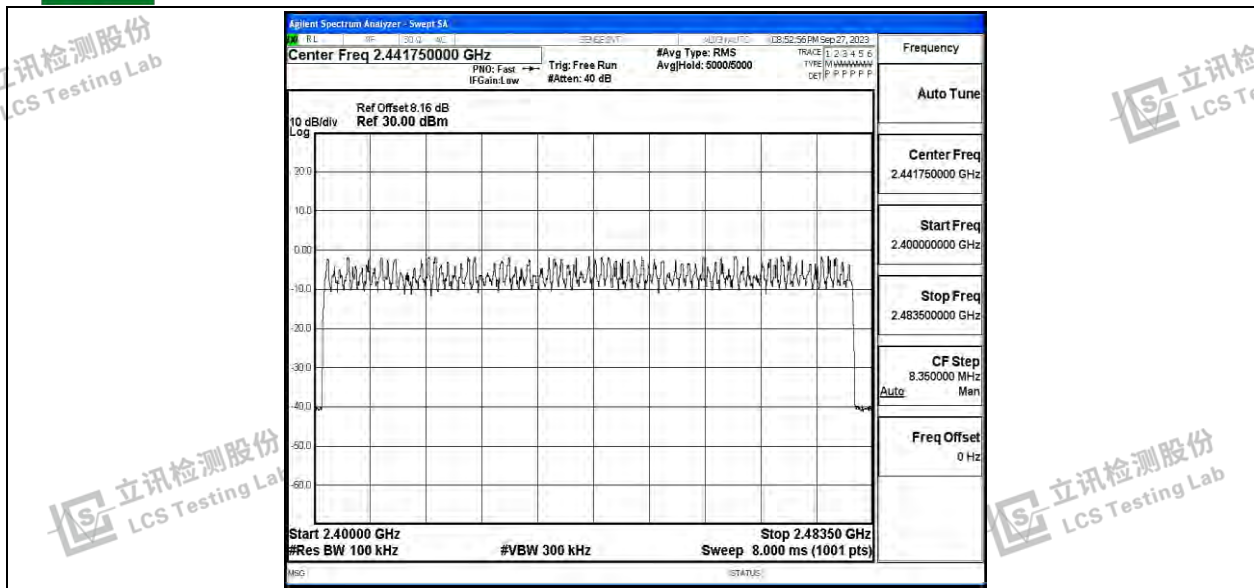
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant	Hop	79	≥15	PASS
2DH5	Ant	Hop	79	≥15	PASS
3DH5	Ant	Hop	79	≥15	PASS





### Test Graphs







### A.6 Band edge measurements

#### Test Result

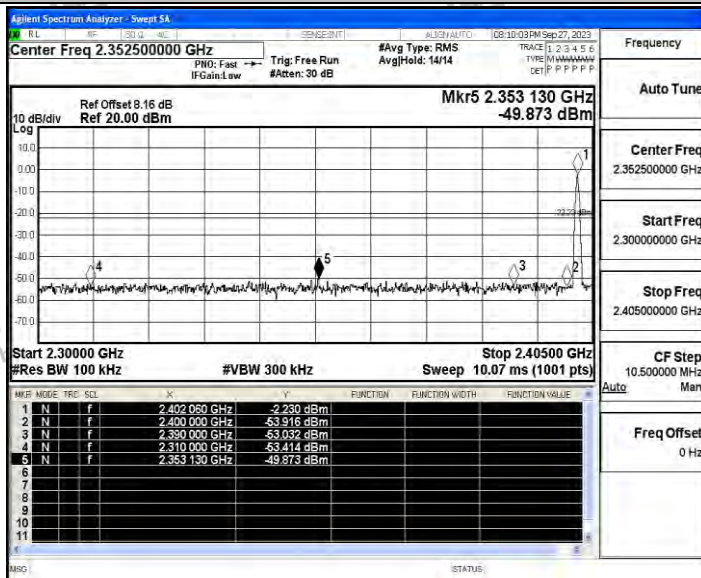
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	Low	2402	-2.23	-49.87	≤-22.23	PASS
		High	2480	-1.19	-49.79	≤-21.19	PASS
		Low	Hop_2402	-2.26	-49.06	≤-22.26	PASS
		High	Hop_2480	-1.14	-48.17	≤-21.14	PASS
2DH5	Ant	Low	2402	-3.57	-50.36	≤-23.57	PASS
		High	2480	-3.02	-49.92	≤-23.02	PASS
		Low	Hop_2402	-3.97	-49.5	≤-23.97	PASS
		High	Hop_2480	-3.26	-48.23	≤-23.26	PASS
3DH5	Ant	Low	2402	-2.95	-50.32	≤-22.95	PASS
		High	2480	-5.61	-48.9	≤-25.61	PASS
		Low	Hop_2402	-7.00	-49.17	≤-27	PASS
		High	Hop_2480	-1.62	-47.65	≤-21.62	PASS



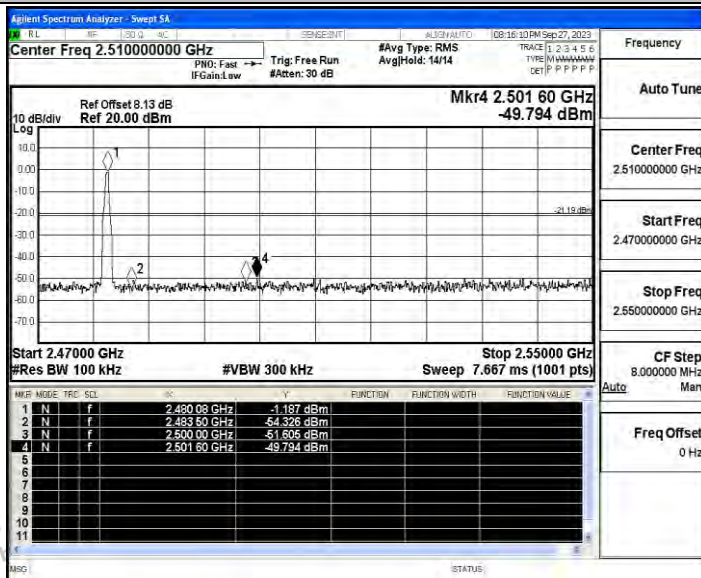


### Test Graphs

#### DH5\_Ant\_Low\_2402



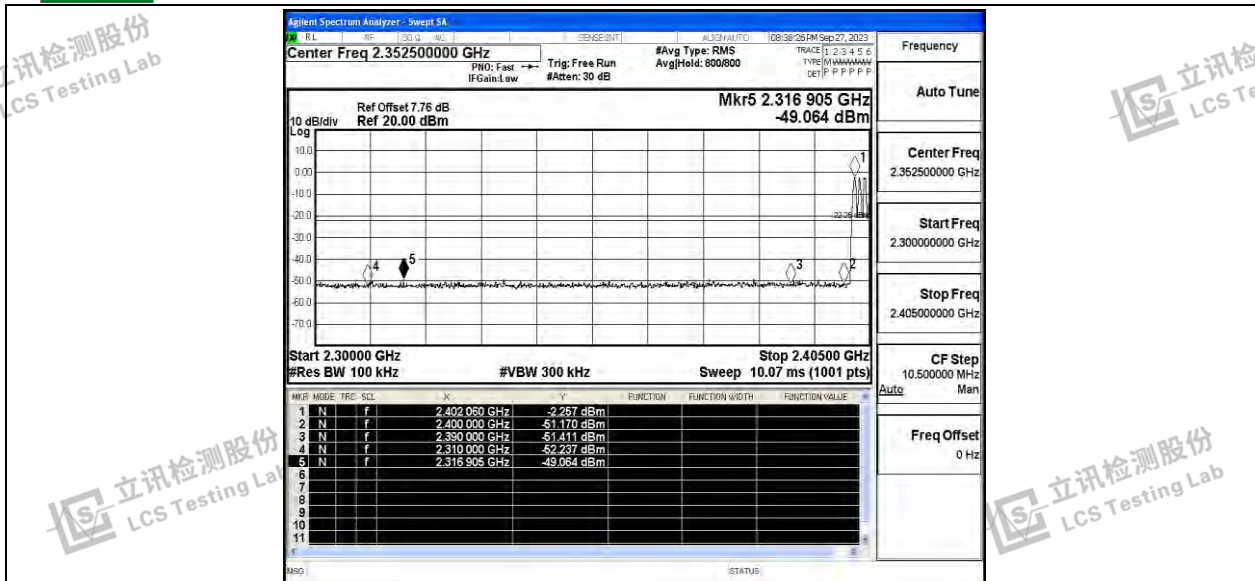
#### DH5\_Ant\_High\_2480



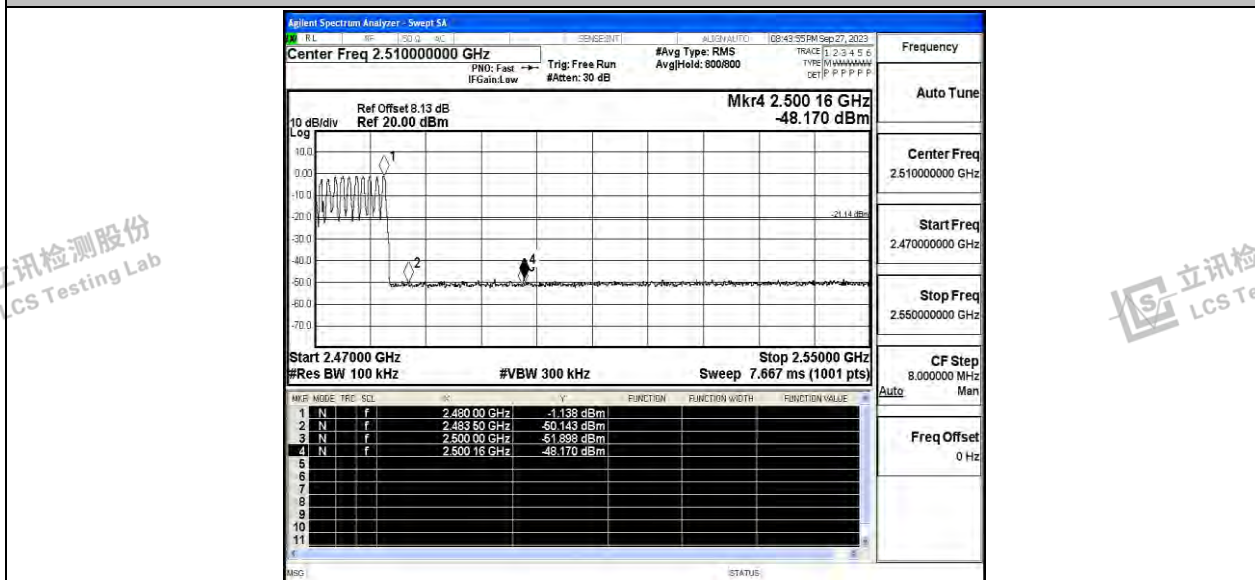
#### DH5\_Ant\_Low\_Hop\_2402





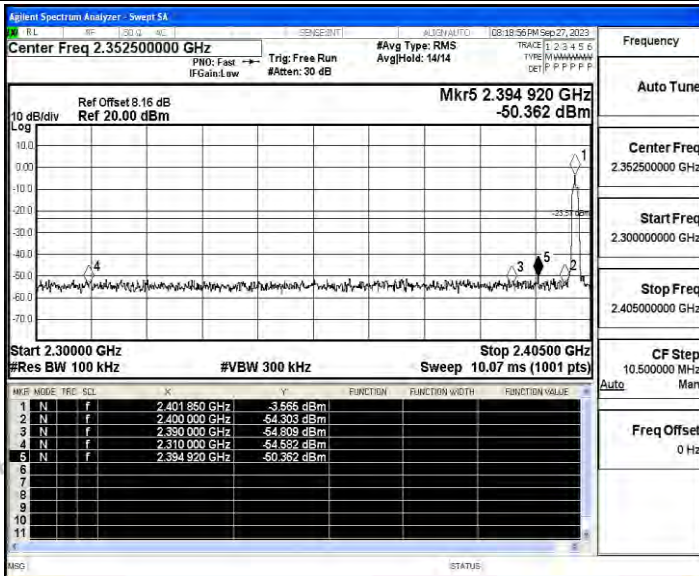


DH5\_Ant\_High\_Hop\_2480

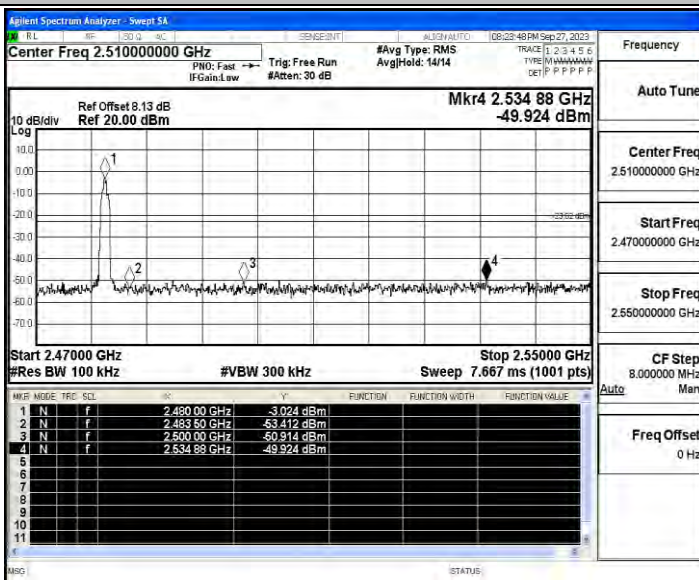


2DH5\_Ant\_Low\_2402



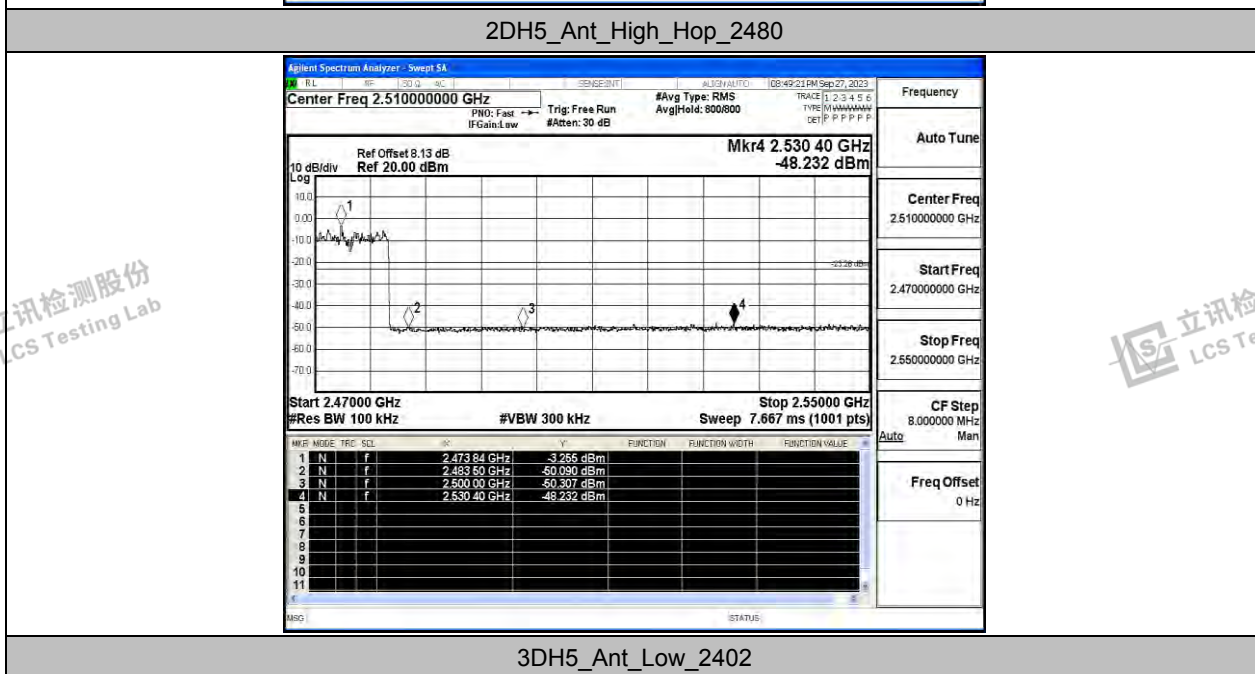
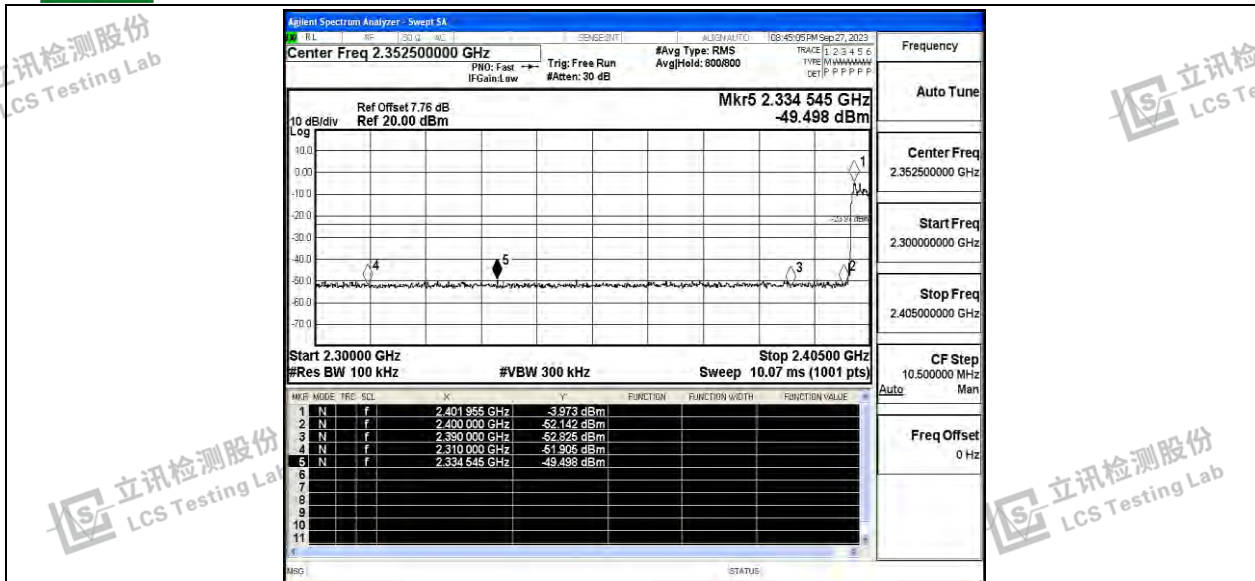


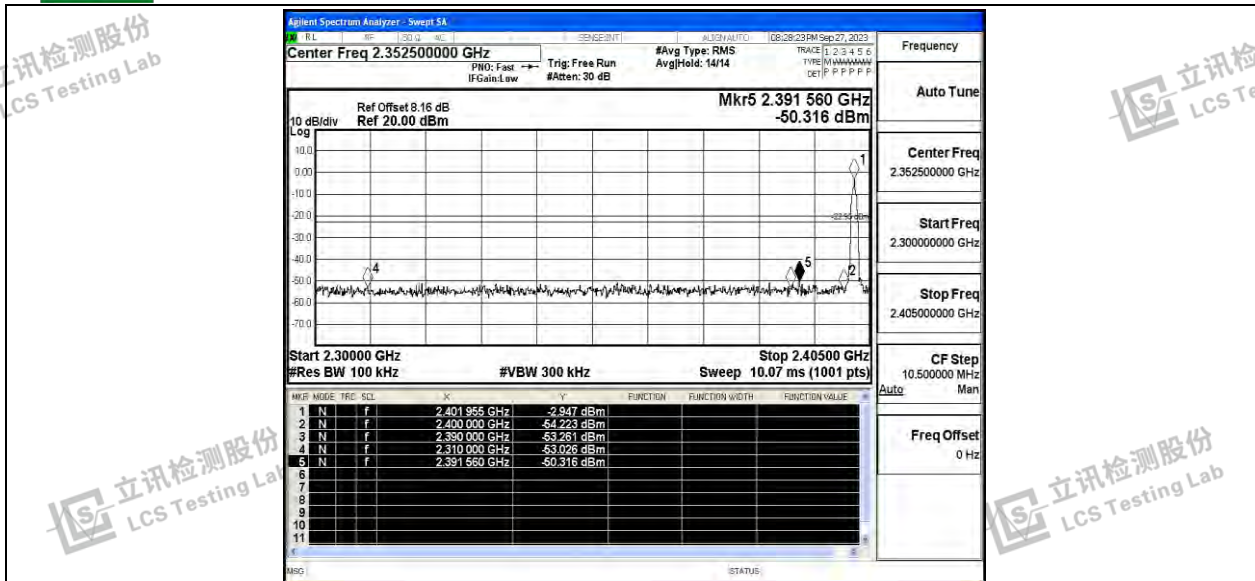
2DH5\_Ant\_High\_2480



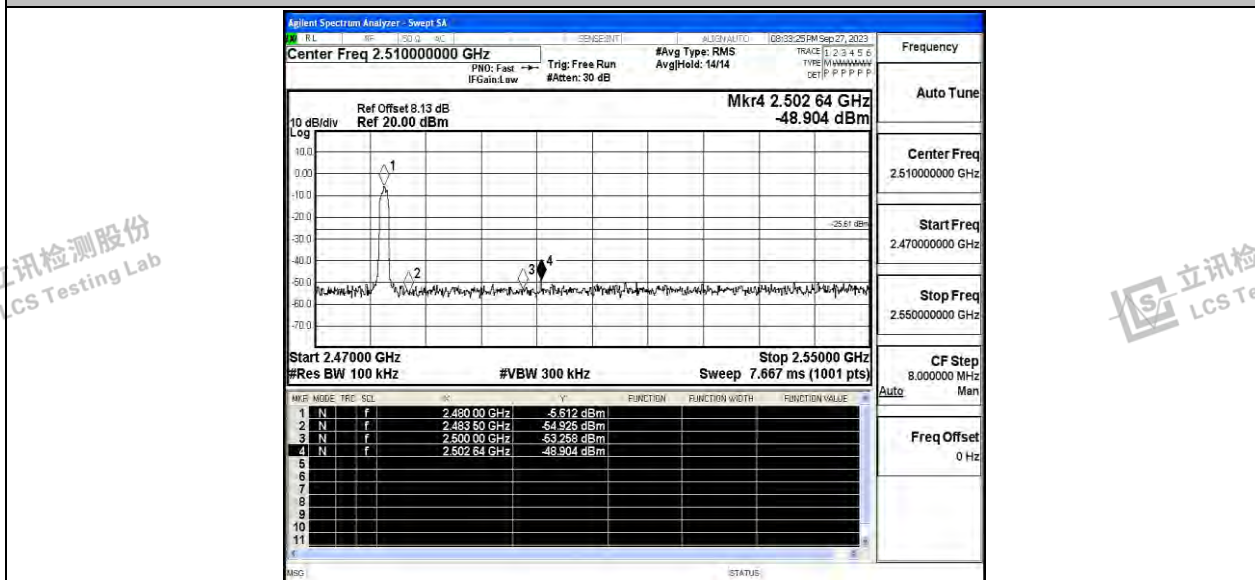
2DH5\_Ant\_Low\_Hop\_2402





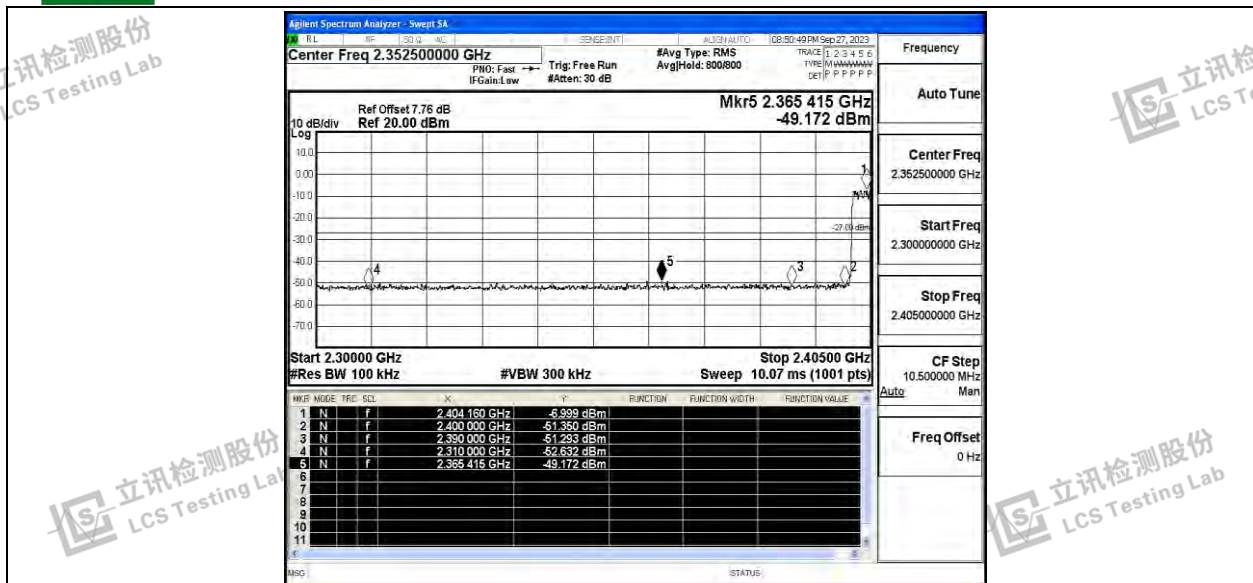


3DH5\_Ant\_High\_2480

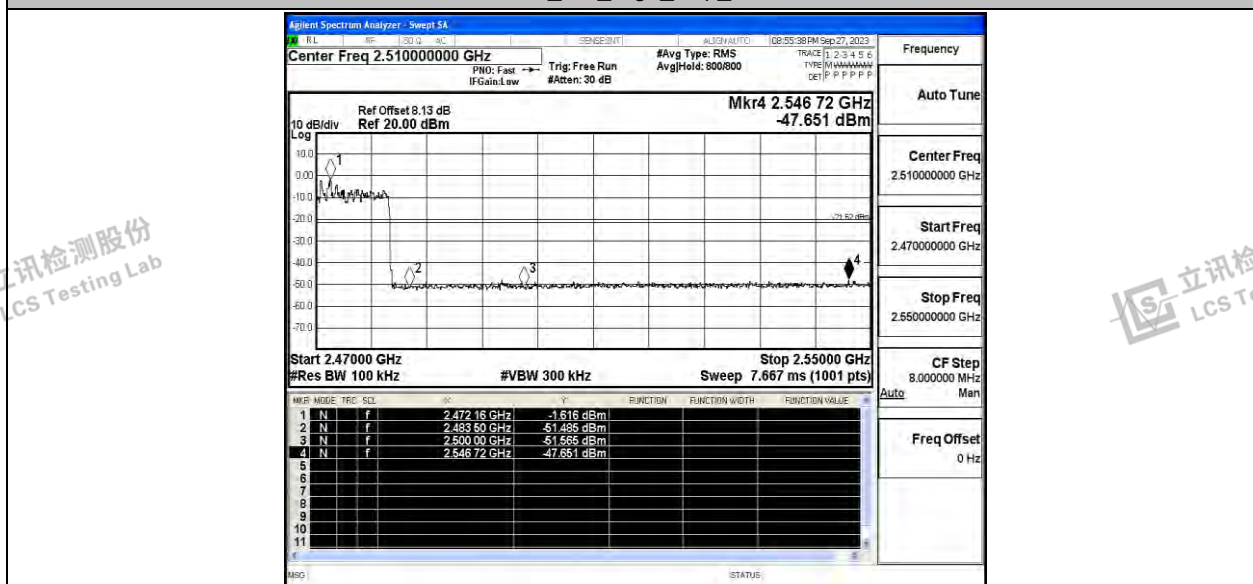


3DH5\_Ant\_Low\_Hop\_2402





3DH5\_Ant\_High\_Hop\_2480



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## A.7 Conducted Spurious Emission

### Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	2402	Reference	-1.80	-1.80	---	PASS
			30~1000	-1.80	-61.77	≤-21.8	PASS
			1000~26500	-1.80	-47.08	≤-21.8	PASS
		2441	Reference	-1.37	-1.37	---	PASS
			30~1000	-1.37	-61.66	≤-21.37	PASS
			1000~26500	-1.37	-46.46	≤-21.37	PASS
		2480	Reference	-1.49	-1.49	---	PASS
			30~1000	-1.49	-61.92	≤-21.49	PASS
			1000~26500	-1.49	-47.23	≤-21.49	PASS
2DH5	Ant	2402	Reference	-2.18	-2.18	---	PASS
			30~1000	-2.18	-61.65	≤-22.18	PASS
			1000~26500	-2.18	-46.82	≤-22.18	PASS
		2441	Reference	-2.22	-2.22	---	PASS
			30~1000	-2.22	-61.17	≤-22.22	PASS
			1000~26500	-2.22	-47.35	≤-22.22	PASS
		2480	Reference	-2.19	-2.19	---	PASS
			30~1000	-2.19	-61.73	≤-22.19	PASS
			1000~26500	-2.19	-47.23	≤-22.19	PASS
3DH5	Ant	2402	Reference	-2.10	-2.10	---	PASS
			30~1000	-2.10	-61.24	≤-22.1	PASS
			1000~26500	-2.10	-46.68	≤-22.1	PASS
		2441	Reference	-3.90	-3.90	---	PASS
			30~1000	-3.90	-74.54	≤-23.9	PASS
			1000~26500	-3.90	-46.87	≤-23.9	PASS
		2480	Reference	-1.50	-1.50	---	PASS
			30~1000	-1.50	-61.61	≤-21.5	PASS
			1000~26500	-1.50	-47.27	≤-21.5	PASS



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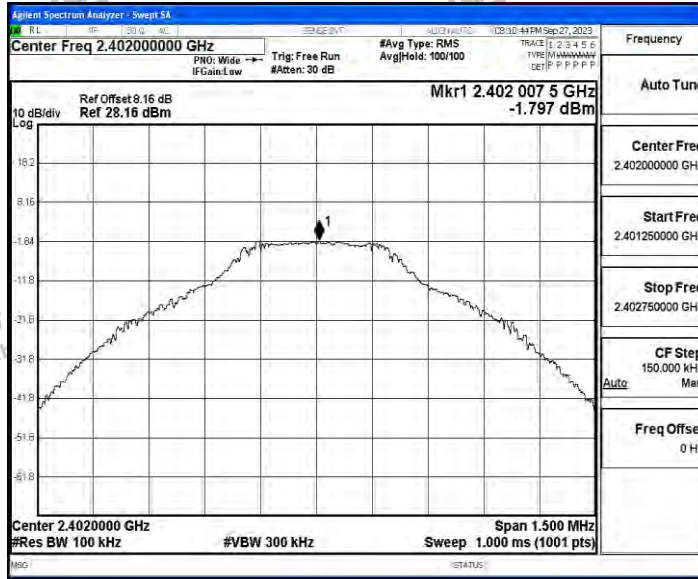
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Scan code to check authenticity

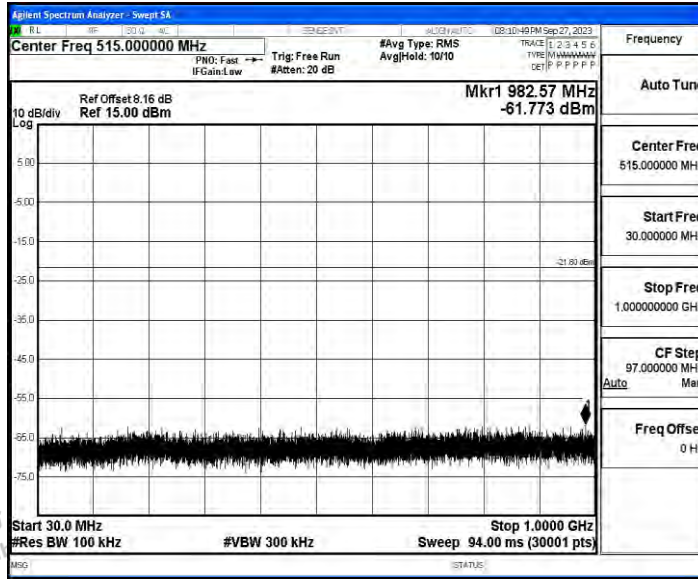


### Test Graphs

#### DH5\_Ant\_2402\_0~Reference

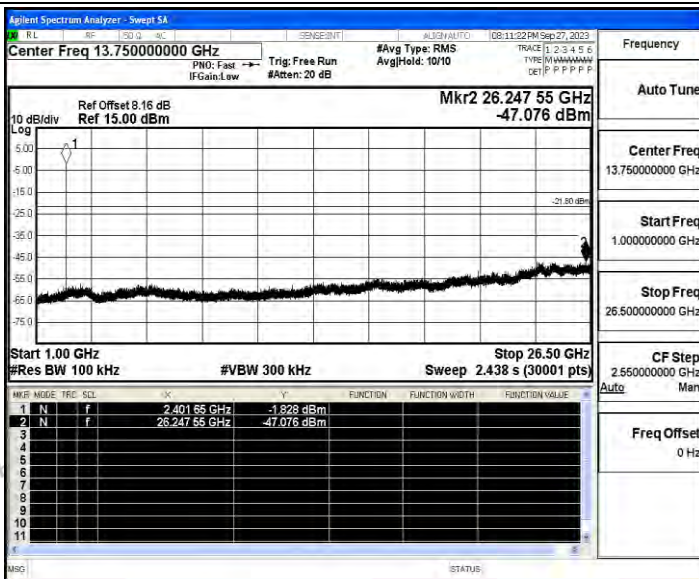


#### DH5\_Ant\_2402\_30~1000

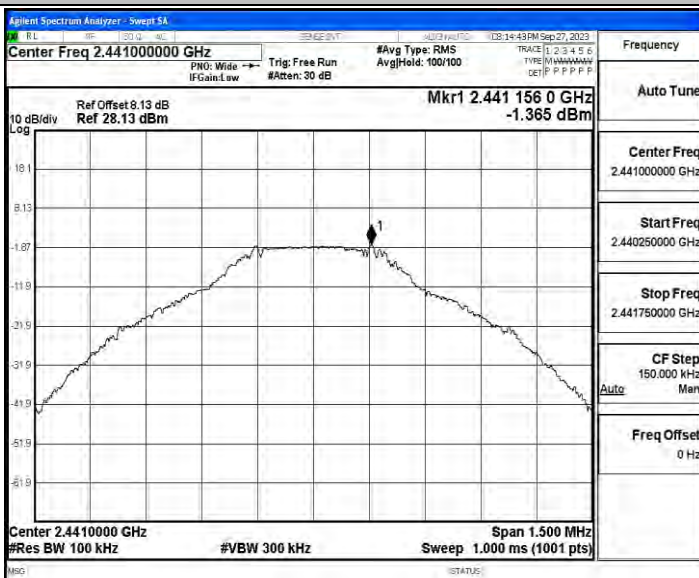


#### DH5\_Ant\_2402\_1000~26500





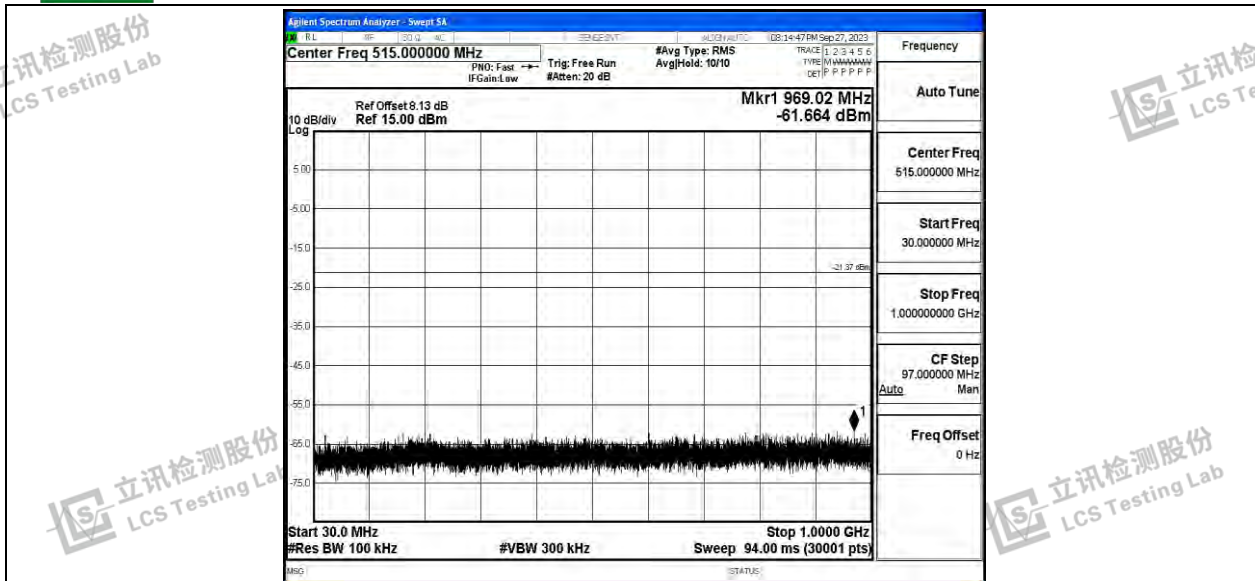
DH5\_Ant\_2441\_0~Reference



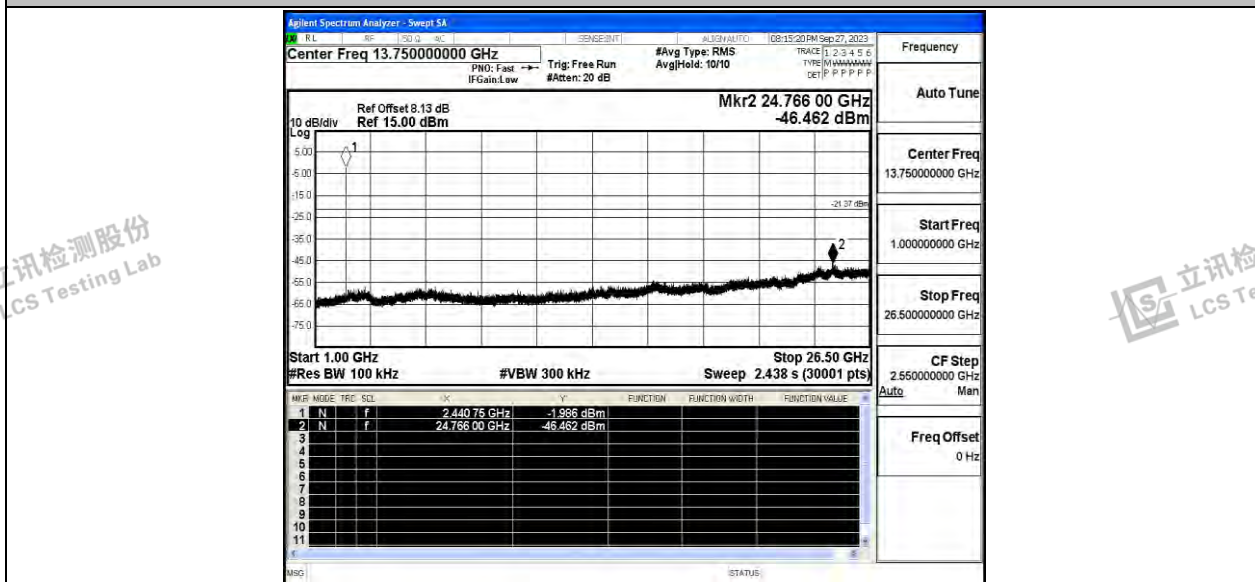
DH5\_Ant\_2441\_30~1000





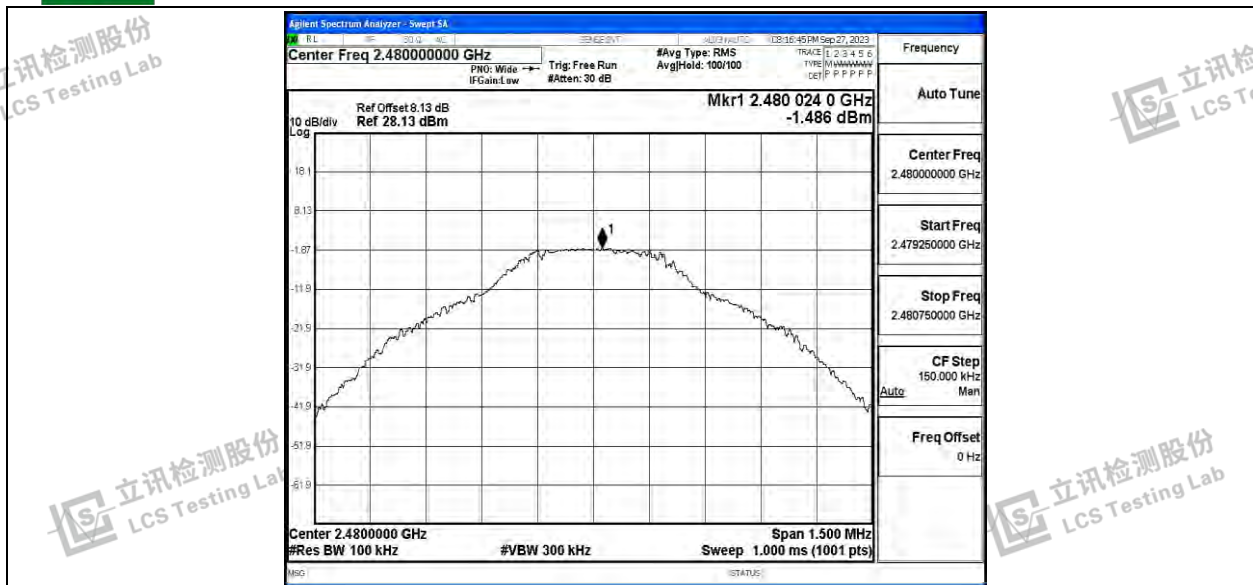


DH5\_Ant\_2441\_1000~26500

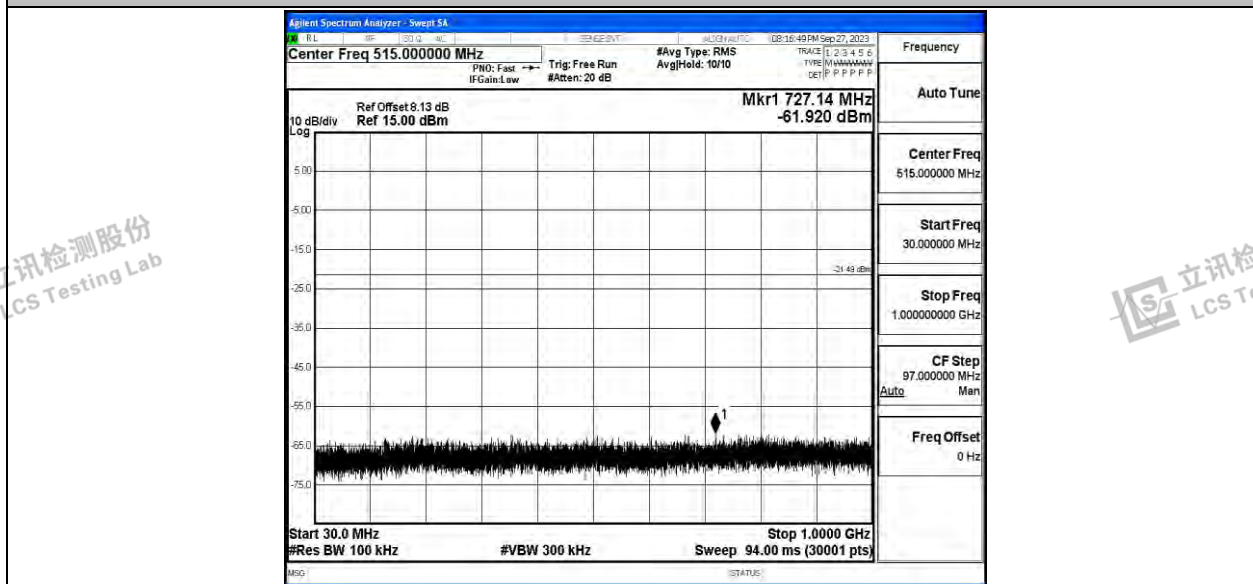


DH5\_Ant\_2480\_0~Reference



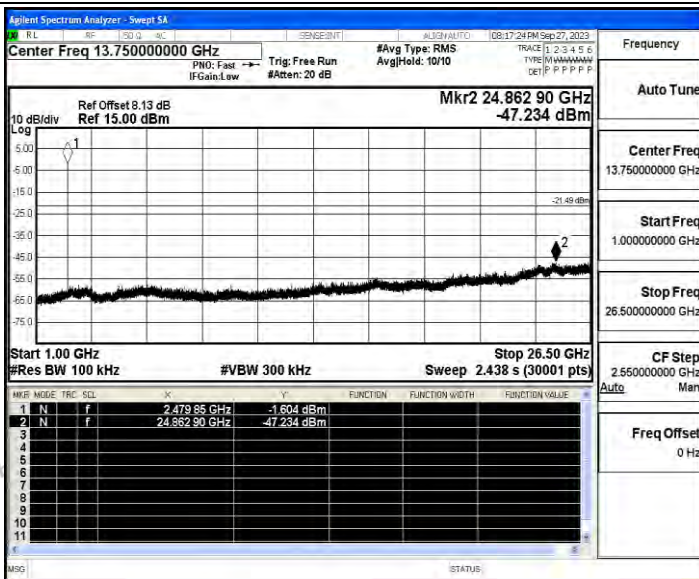


DH5\_Ant\_2480\_30~1000

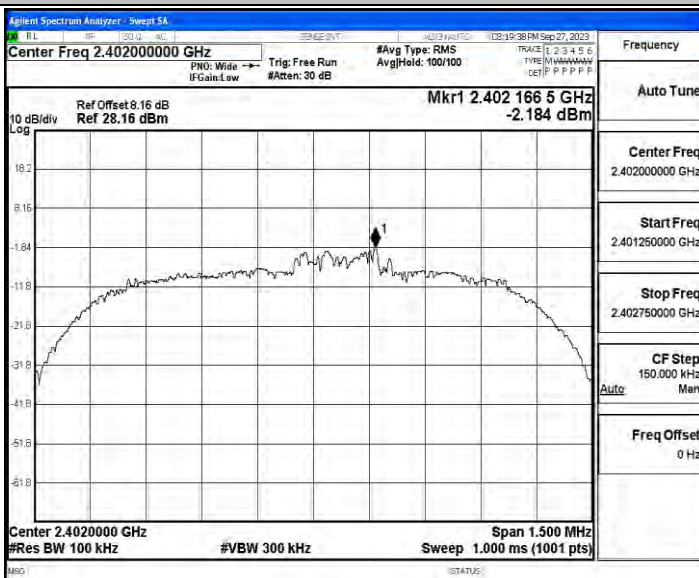


DH5\_Ant\_2480\_1000~26500



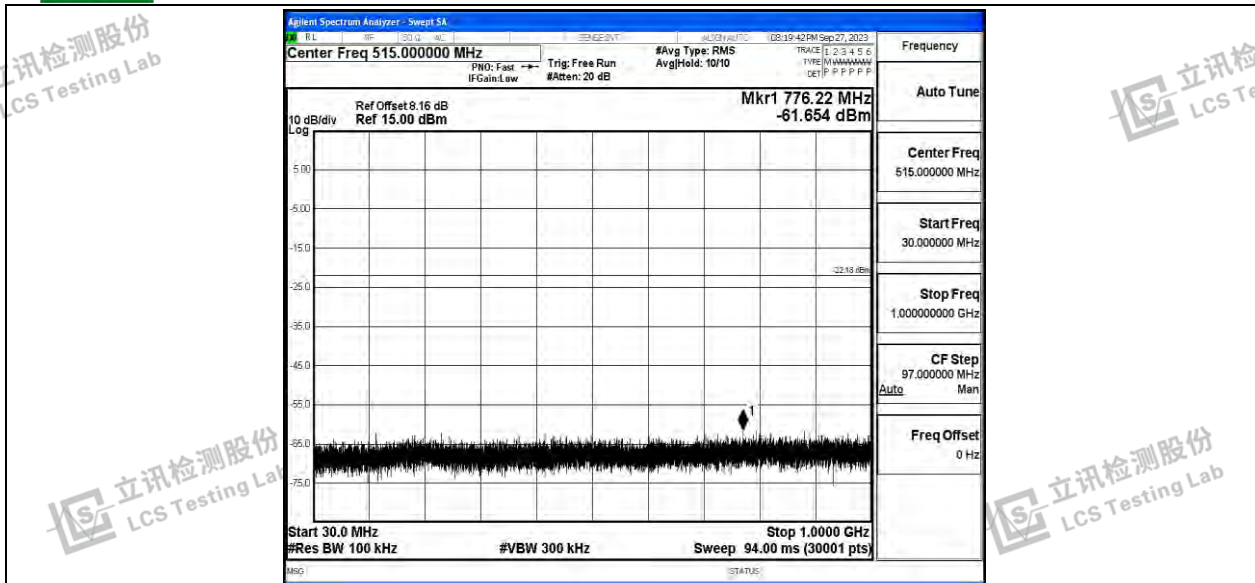


2DH5\_Ant\_2402\_0~Reference

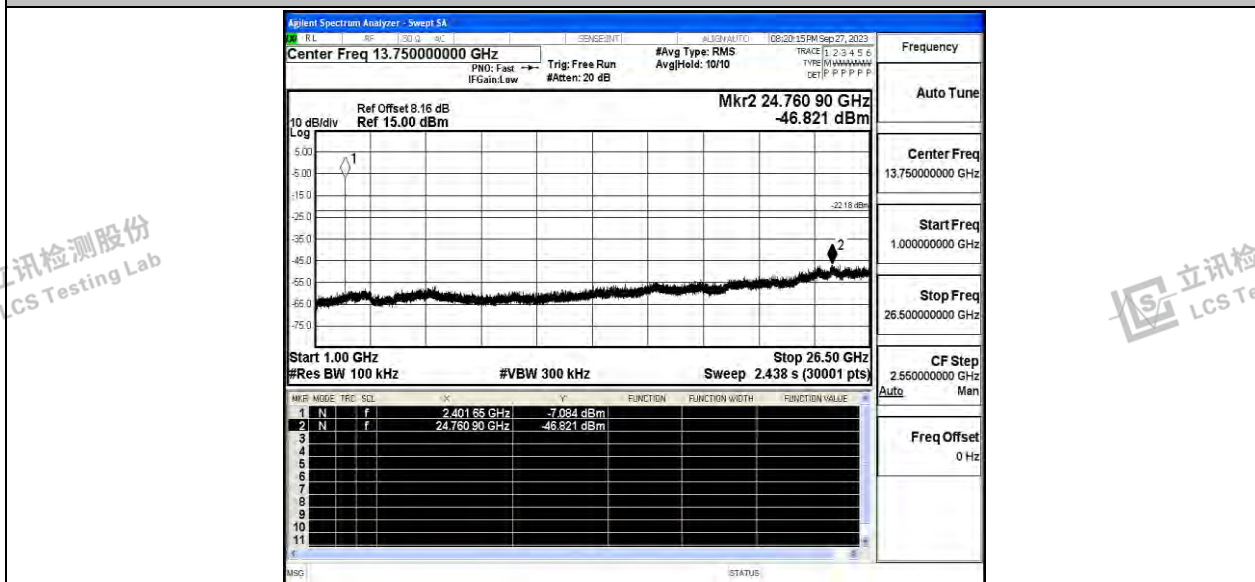


2DH5\_Ant\_2402\_30~1000



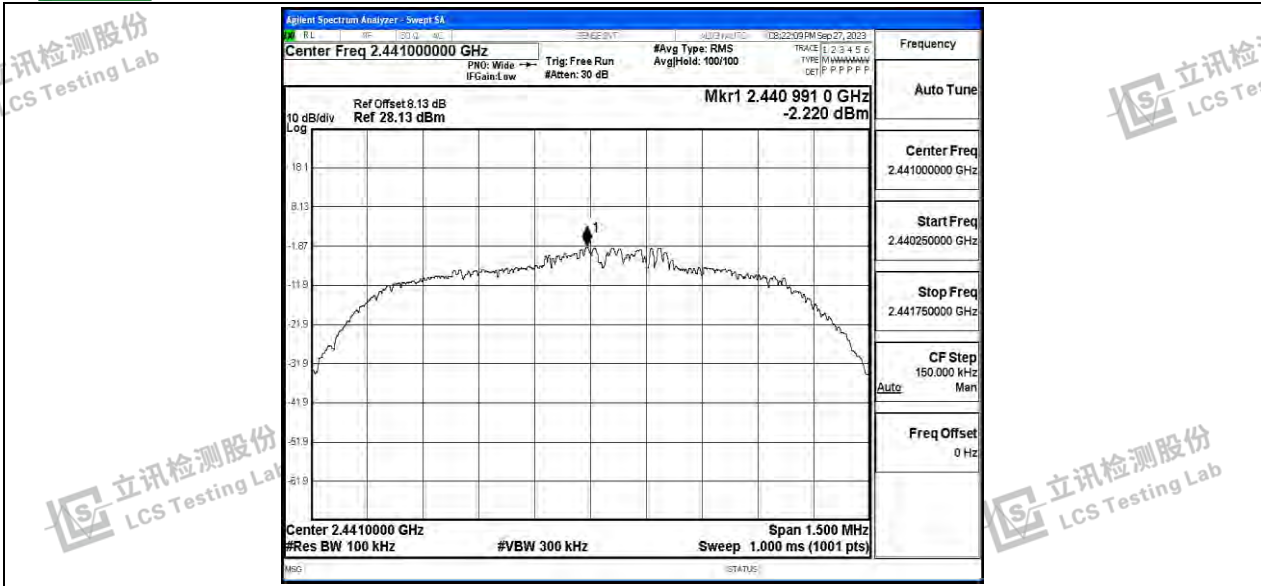


2DH5\_Ant\_2402\_1000~26500

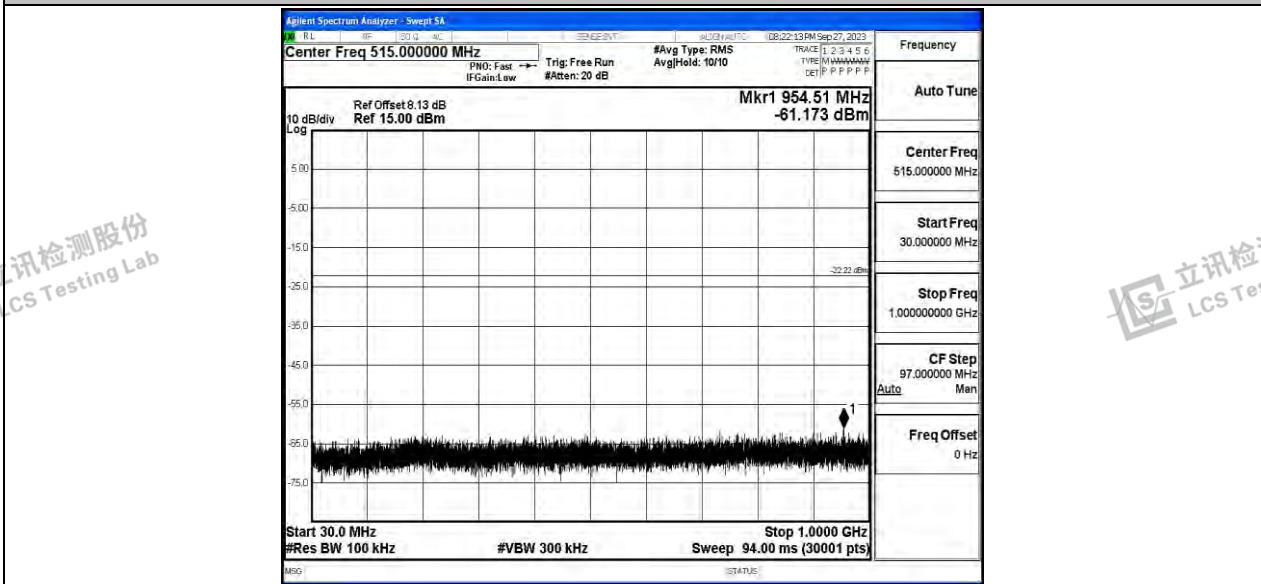


2DH5\_Ant\_2441\_0~Reference



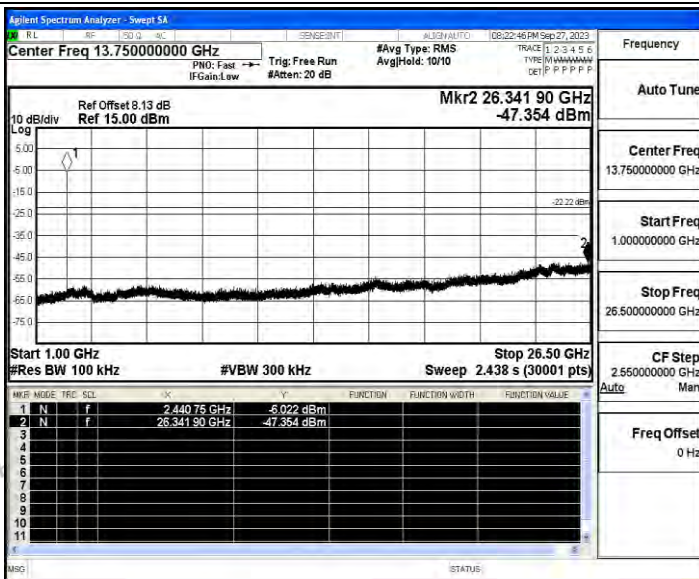


2DH5\_Ant\_2441\_30~1000

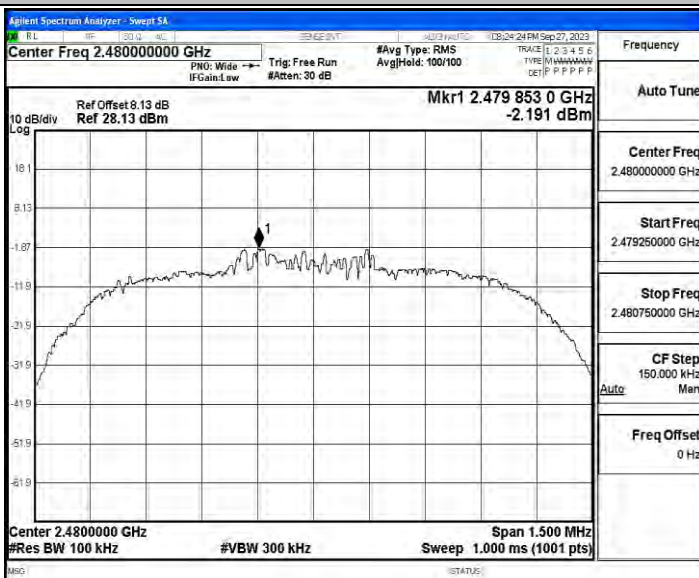


2DH5\_Ant\_2441\_1000~26500



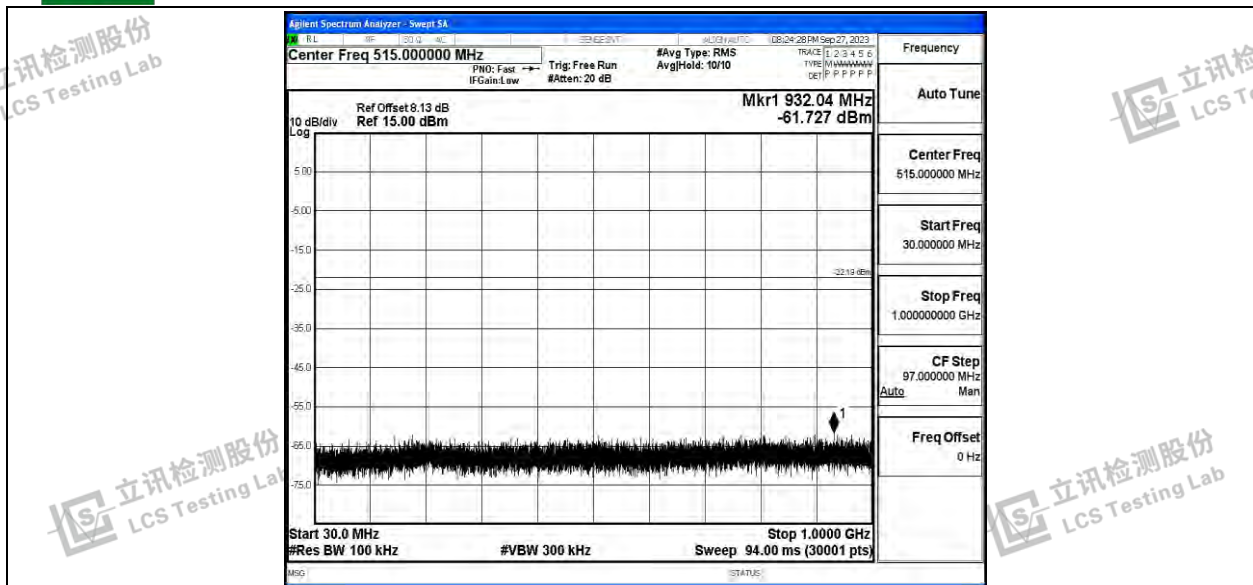


2DH5\_Ant\_2480\_0~Reference

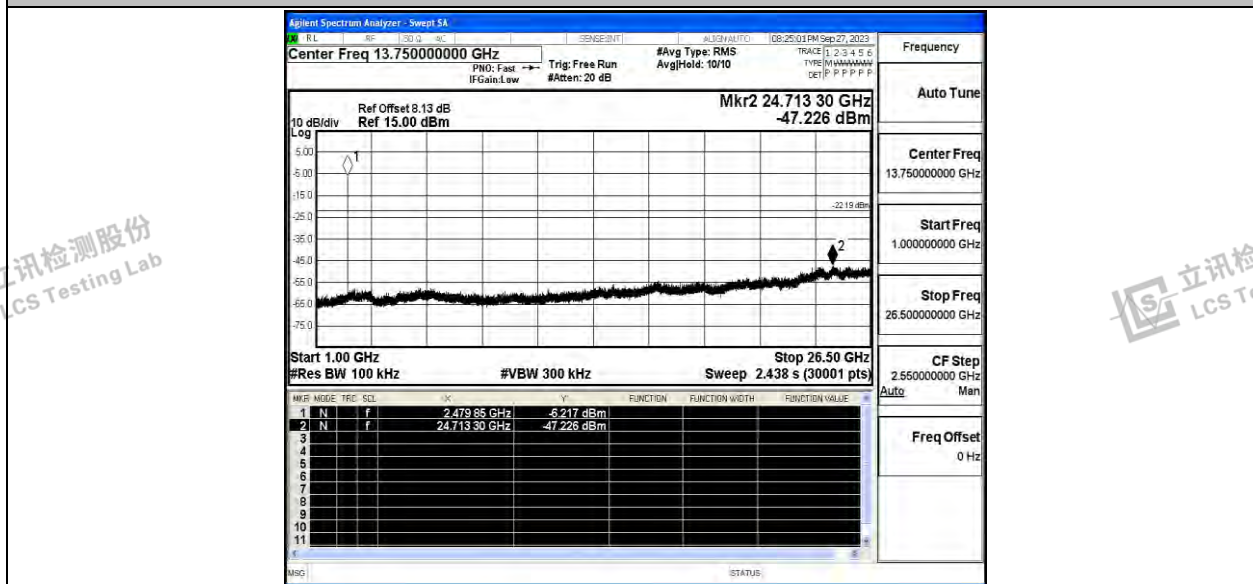


2DH5\_Ant\_2480\_30~1000



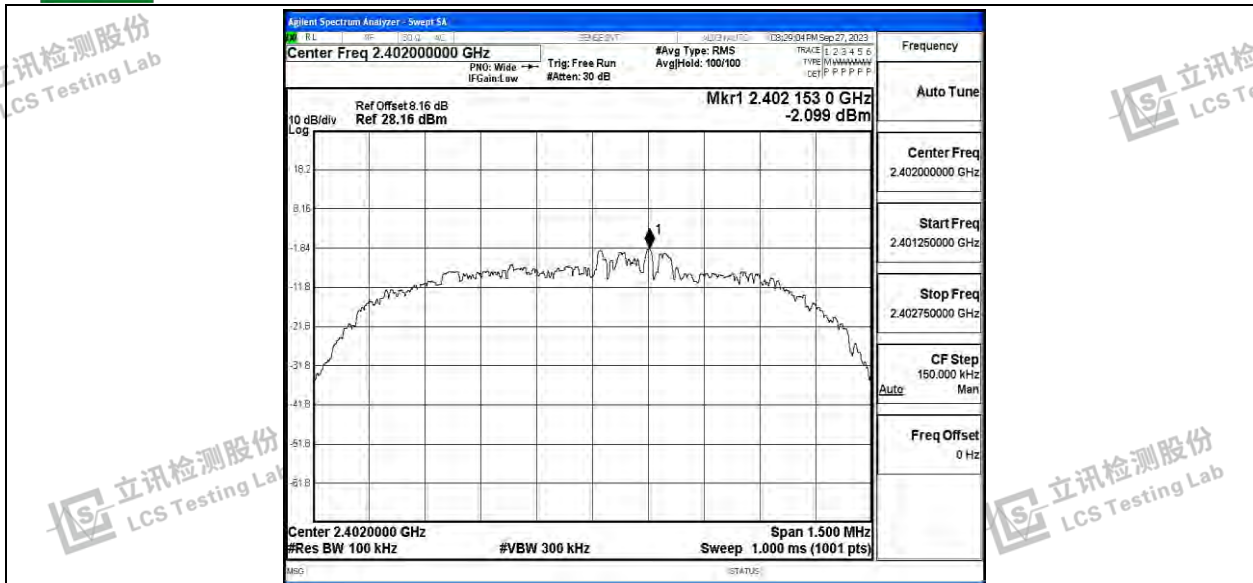


2DH5\_Ant\_2480\_1000~26500

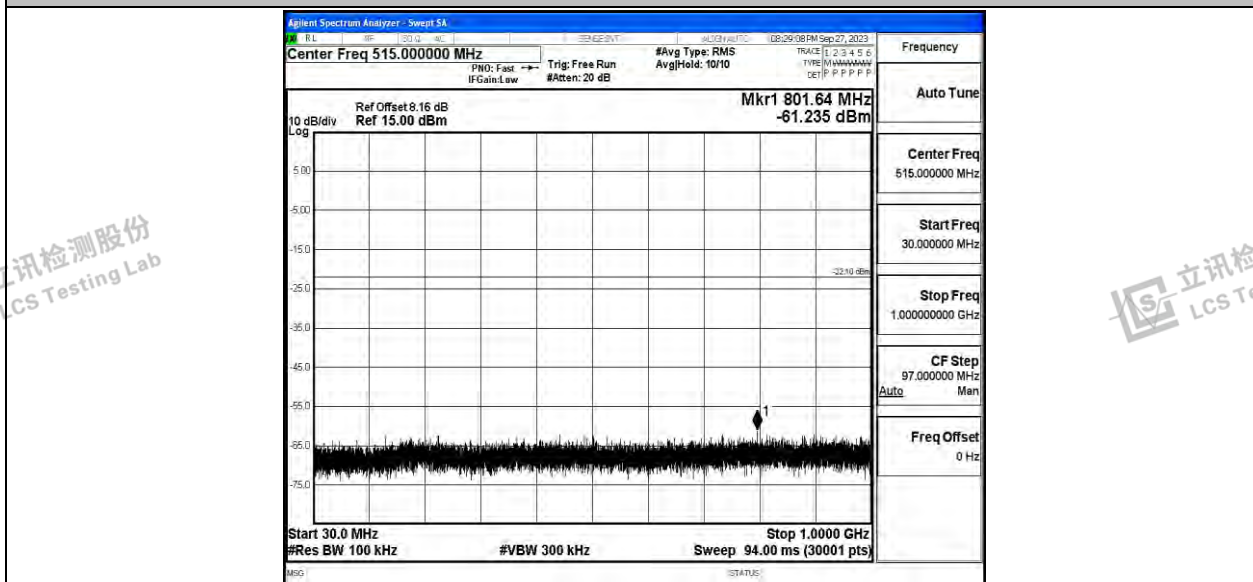


3DH5\_Ant\_2402\_0~Reference





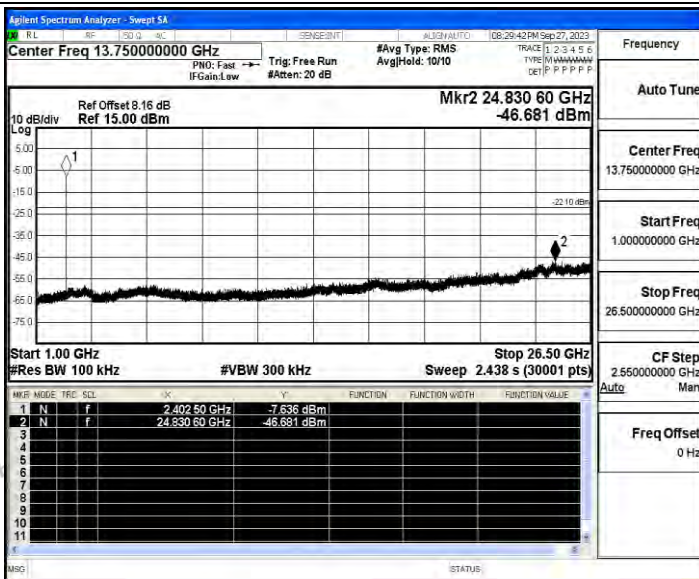
3DH5\_Ant\_2402\_30~1000



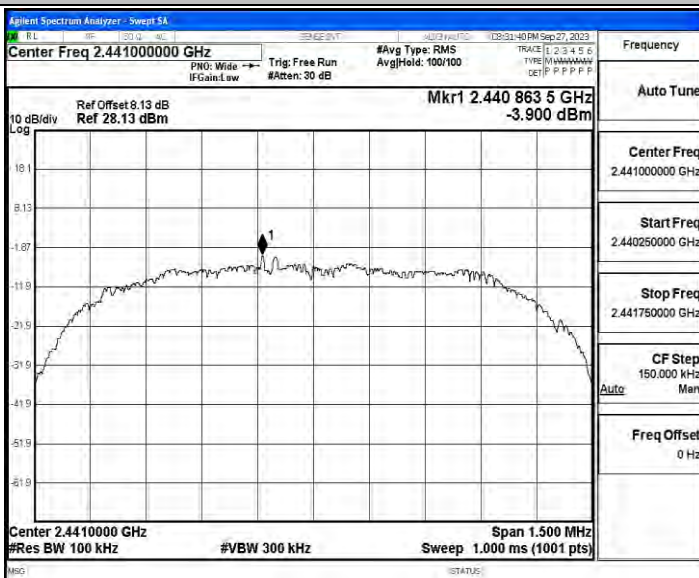
3DH5\_Ant\_2402\_1000~26500





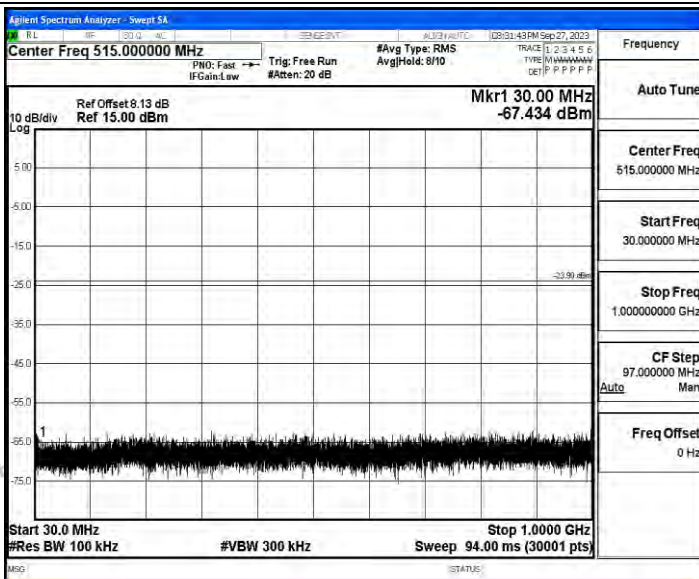


3DH5\_Ant\_2441\_0~Reference

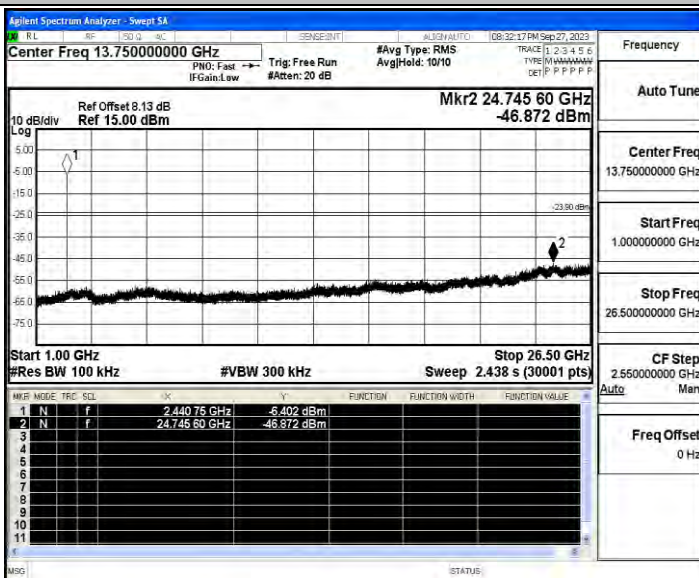


3DH5\_Ant\_2441\_30~1000



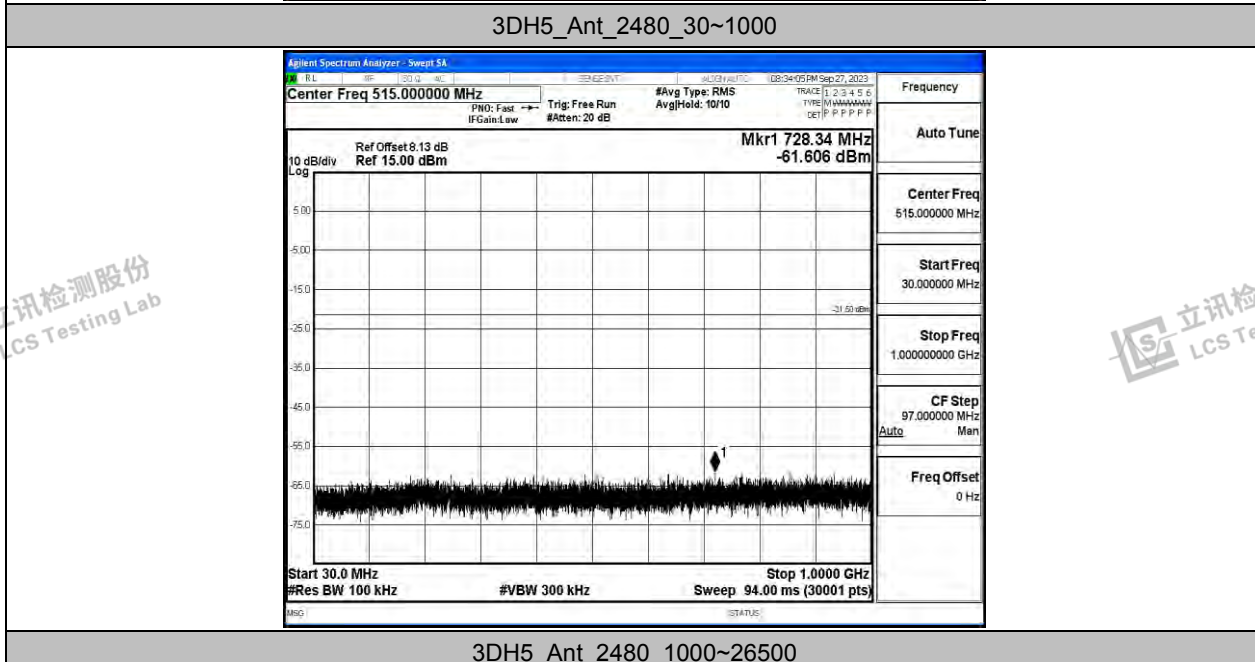
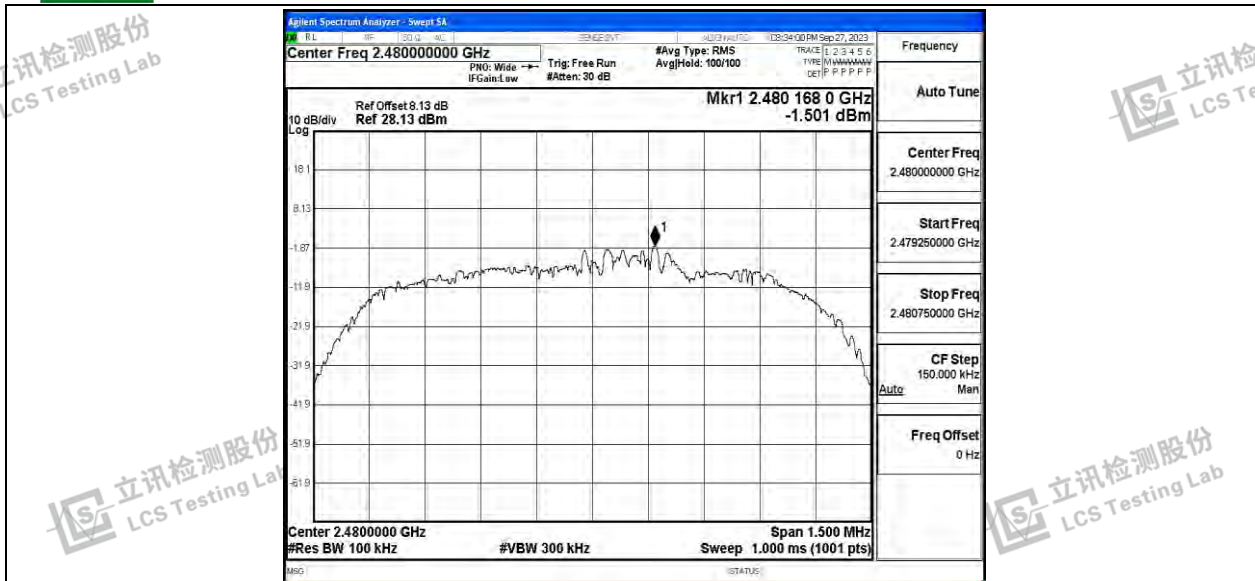


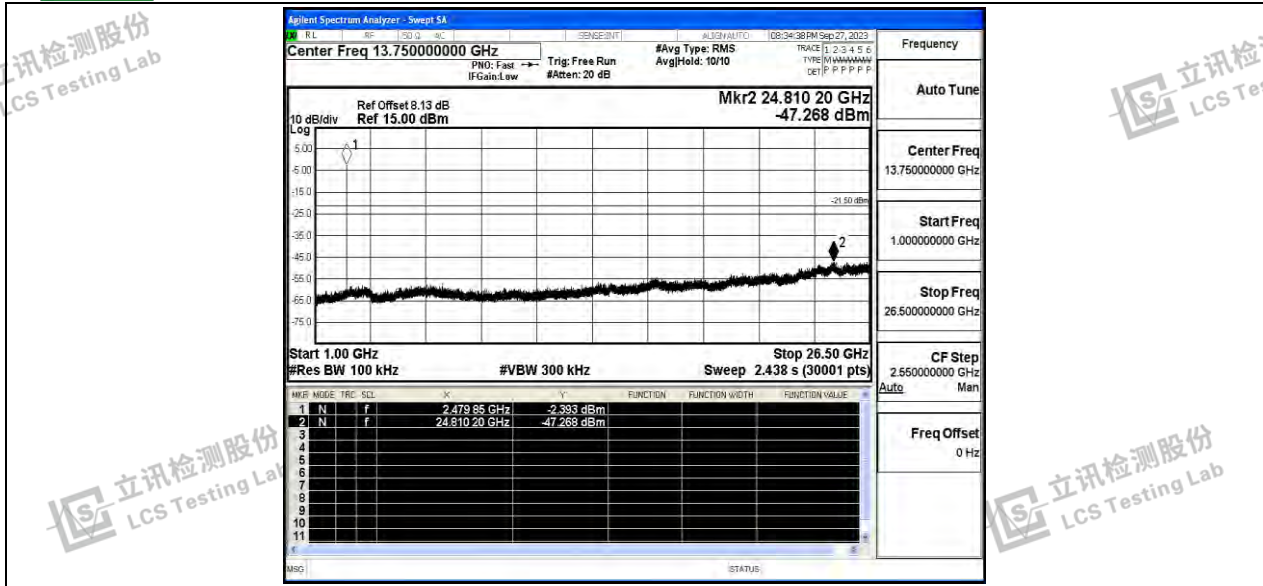
3DH5\_Ant\_2441\_1000~26500



3DH5\_Ant\_2480\_0~Reference







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 Scan code to check authenticity



### 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	Ant	Low	2402	AV	2310.000	-48.69	≤-41.20	46.51	≤54	PASS
				AV	2387.150	-48.15	≤-41.20	47.05	≤54	PASS
				AV	2390.000	-48.37	≤-41.20	46.83	≤54	PASS
				Peak	2310.000	-41.87	≤-21.20	53.33	≤74	PASS
				Peak	2388.725	-38.14	≤-21.20	57.06	≤74	PASS
				Peak	2390.000	-42.63	≤-21.20	52.57	≤74	PASS
		High	2480	AV	2483.500	-47.79	≤-41.20	47.41	≤54	PASS
				AV	2492.240	-45.79	≤-41.20	49.41	≤54	PASS
				AV	2500.000	-47.81	≤-41.20	47.39	≤54	PASS
				Peak	2483.500	-42.83	≤-21.20	52.37	≤74	PASS
				Peak	2498.640	-38.92	≤-21.20	56.28	≤74	PASS
				Peak	2500.000	-43.21	≤-21.20	51.99	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-40.79	≤-21.20	54.41	≤74	PASS
				Peak	2336.855	-38.54	≤-21.20	56.66	≤74	PASS
				Peak	2390.000	-40.07	≤-21.20	55.13	≤74	PASS
		High	Hop_2480	Peak	2483.500	-39.67	≤-21.20	55.53	≤74	PASS
				Peak	2494.480	-37.52	≤-21.20	57.68	≤74	PASS
				Peak	2500.000	-38.7	≤-21.20	56.50	≤74	PASS
2DH5	Ant	Low	2402	AV	2310.000	-48.61	≤-41.20	46.59	≤54	PASS
				AV	2387.255	-48.14	≤-41.20	47.06	≤54	PASS
				AV	2390.000	-48.25	≤-41.20	46.95	≤54	PASS
				Peak	2310.000	-44.77	≤-21.20	50.43	≤74	PASS
				Peak	2376.440	-39.02	≤-21.20	56.18	≤74	PASS
				Peak	2390.000	-41.88	≤-21.20	53.32	≤74	PASS
		High	2480	AV	2483.500	-47.7	≤-41.20	47.50	≤54	PASS
				AV	2498.880	-47.58	≤-41.20	47.62	≤54	PASS
				AV	2500.000	-47.58	≤-41.20	47.62	≤54	PASS
				Peak	2483.500	-43.7	≤-21.20	51.50	≤74	PASS
				Peak	2488.960	-38.69	≤-21.20	56.51	≤74	PASS
				Peak	2500.000	-40.91	≤-21.20	54.29	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-40.26	≤-21.20	54.94	≤74	PASS
				Peak	2333.285	-37.81	≤-21.20	57.39	≤74	PASS
				Peak	2390.000	-40.19	≤-21.20	55.01	≤74	PASS
		High	Hop_2480	Peak	2483.500	-38.57	≤-21.20	56.63	≤74	PASS
				Peak	2491.280	-37.33	≤-21.20	57.87	≤74	PASS





3DH5	Ant	Low	2402	Peak	2500.000	-39.13	≤-21.20	56.07	≤74	PASS	
				AV	2310.000	-48.69	≤-41.20	46.51	≤54	PASS	
				AV	2381.165	-48.17	≤-41.20	47.03	≤54	PASS	
				AV	2390.000	-48.3	≤-41.20	46.90	≤54	PASS	
				Peak	2310.000	-42.4	≤-21.20	52.80	≤74	PASS	
				Peak	2372.345	-38.21	≤-21.20	56.99	≤74	PASS	
		High	2480	Peak	2390.000	-44.27	≤-21.20	50.93	≤74	PASS	
				AV	2483.500	-47.67	≤-41.20	47.53	≤54	PASS	
				AV	2499.600	-47.63	≤-41.20	47.57	≤54	PASS	
				AV	2500.000	-47.64	≤-41.20	47.56	≤54	PASS	
				Peak	2483.500	-43.37	≤-21.20	51.83	≤74	PASS	
				Peak	2496.640	-37.89	≤-21.20	57.31	≤74	PASS	
		Low	Hop_24 02	Peak	2500.000	-43.25	≤-21.20	51.95	≤74	PASS	
				Peak	2310.000	-40.1	≤-21.20	55.10	≤74	PASS	
				Peak	2357.435	-37.97	≤-21.20	57.23	≤74	PASS	
		High	Hop_24 80	Peak	2390.000	-39.44	≤-21.20	55.76	≤74	PASS	
				Peak	2483.500	-39.66	≤-21.20	55.54	≤74	PASS	
				Peak	2484.560	-37.49	≤-21.20	57.71	≤74	PASS	
					Peak	2500.000	-39.57	≤-21.20	55.63	≤74	PASS

## Note:

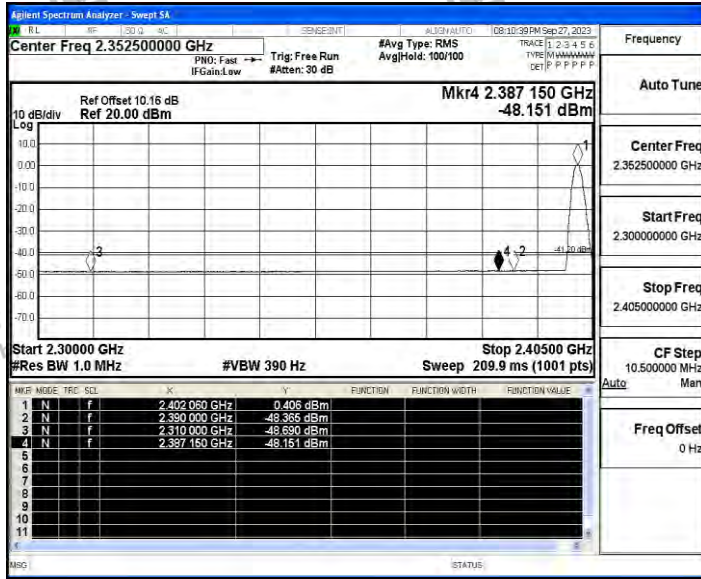
- The Antenna Gain is compensated in the graph.
- The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



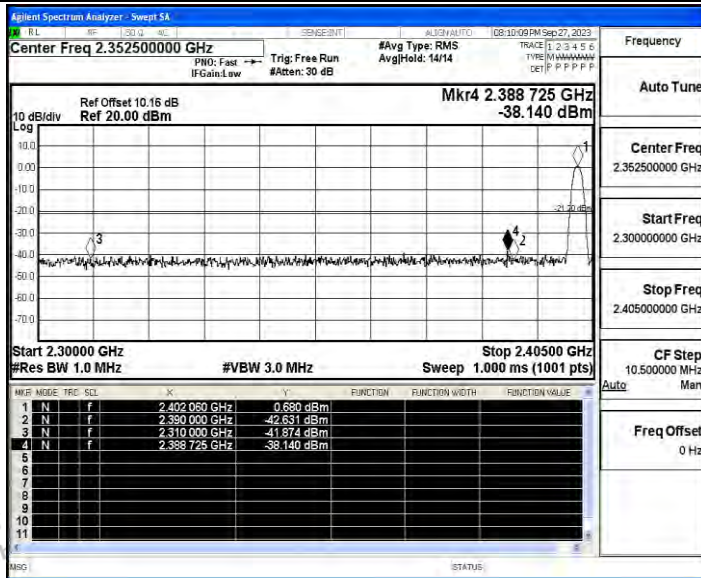


Test Graphs

DH5\_Ant\_Low\_2402\_AV

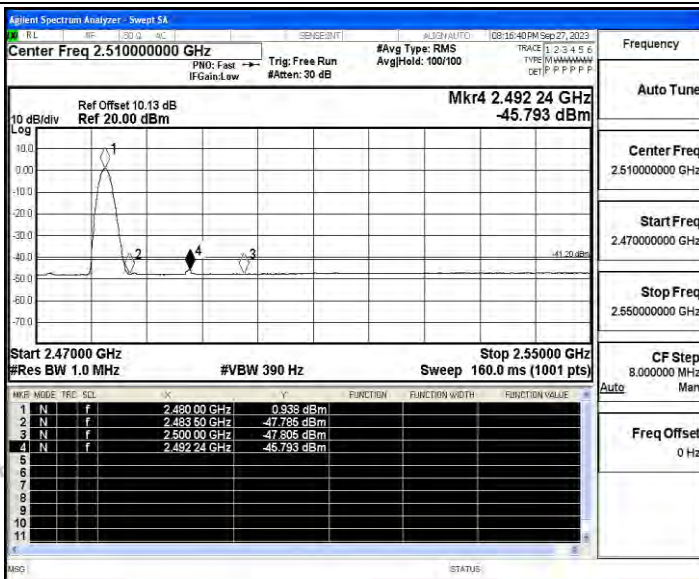


DH5\_Ant\_Low\_2402\_Peak

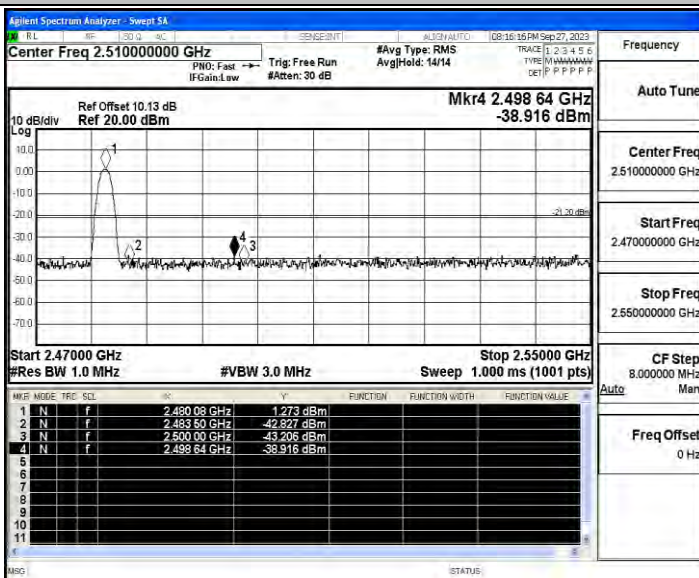


DH5\_Ant\_High\_2480\_AV





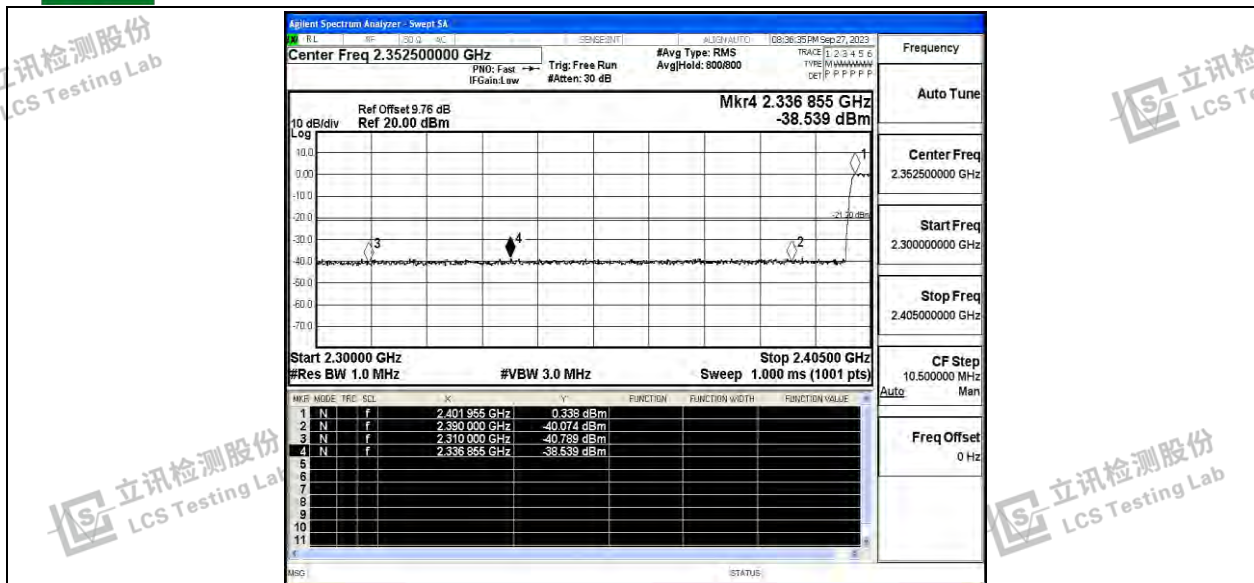
DH5\_Ant\_High\_2480\_Peak



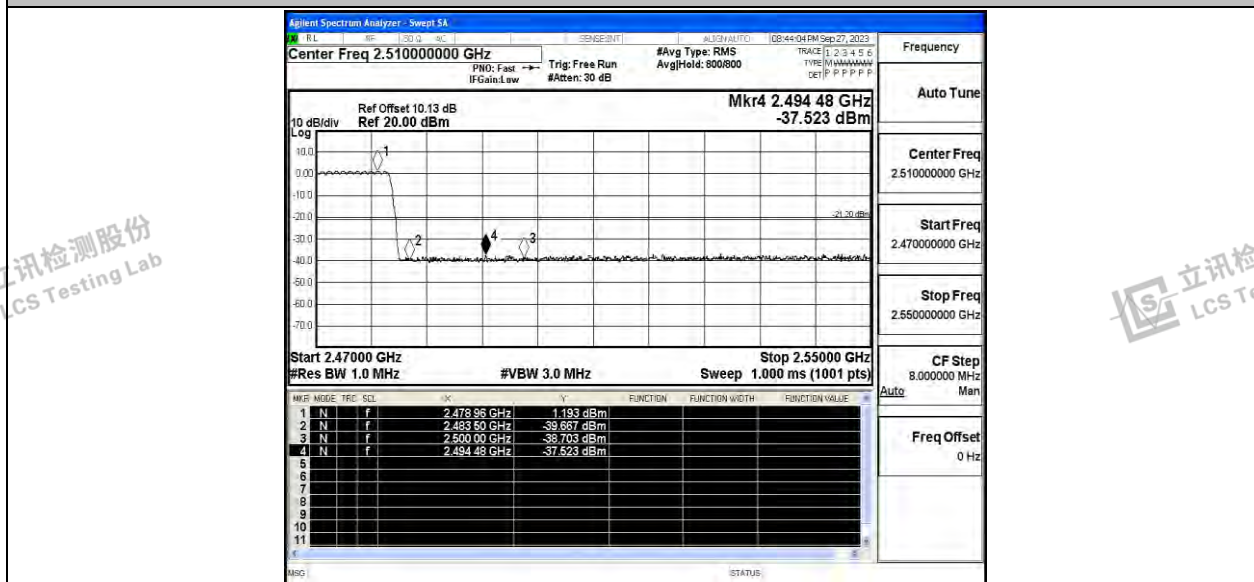
DH5\_Ant\_Low\_Hop\_2402\_Peak





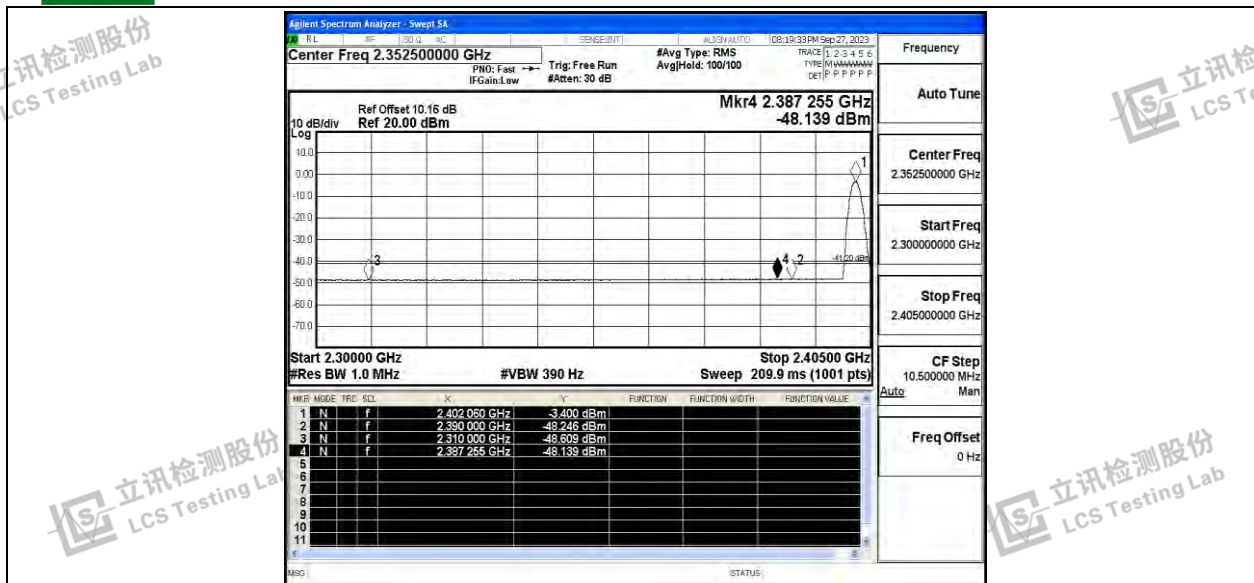


DH5\_Ant\_High\_Hop\_2480\_Peak

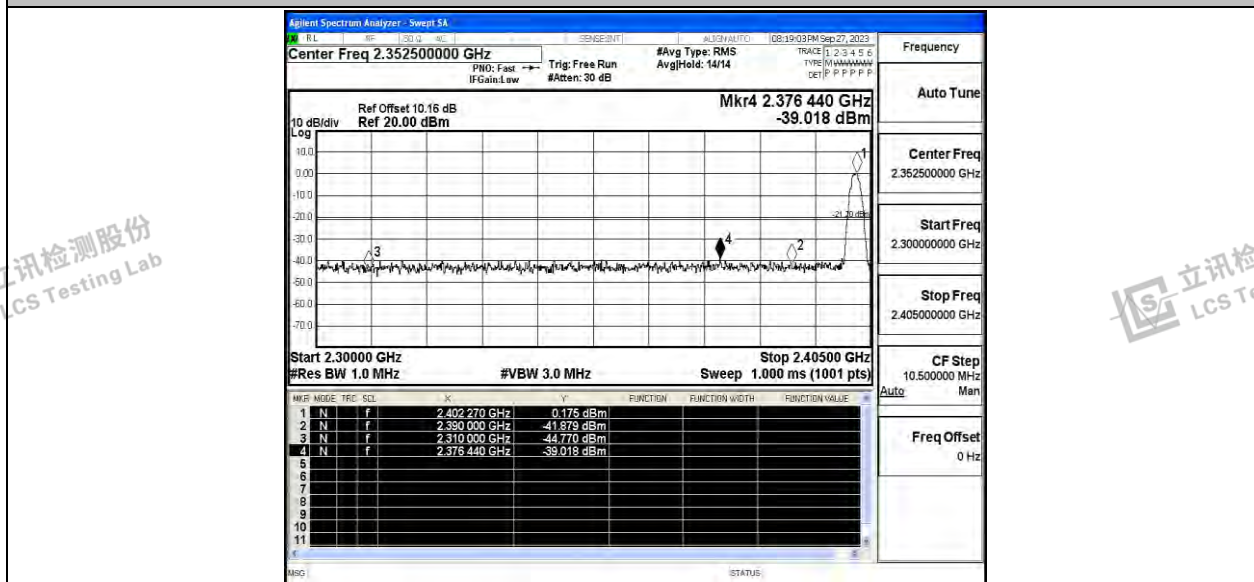


2DH5\_Ant\_Low\_2402\_AV



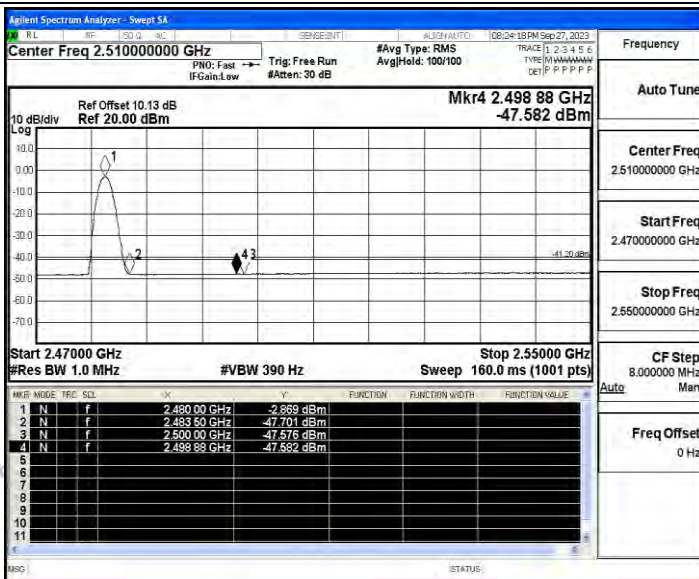


2DH5\_Ant\_Low\_2402\_Peak

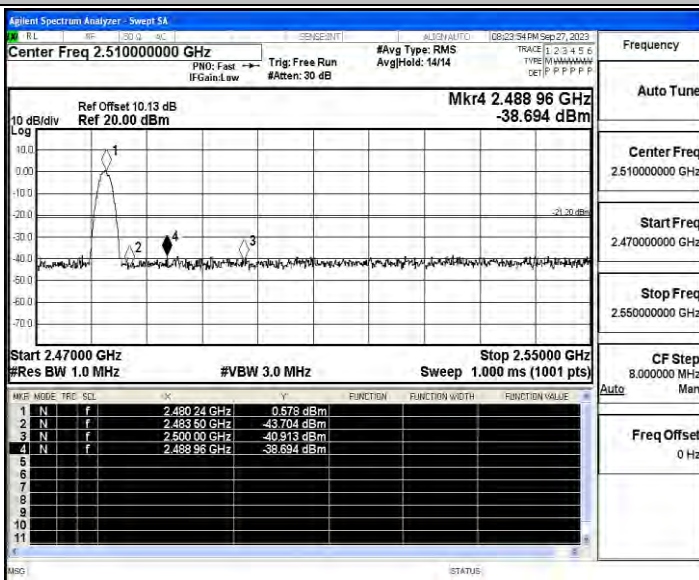


2DH5\_Ant\_High\_2480\_AV



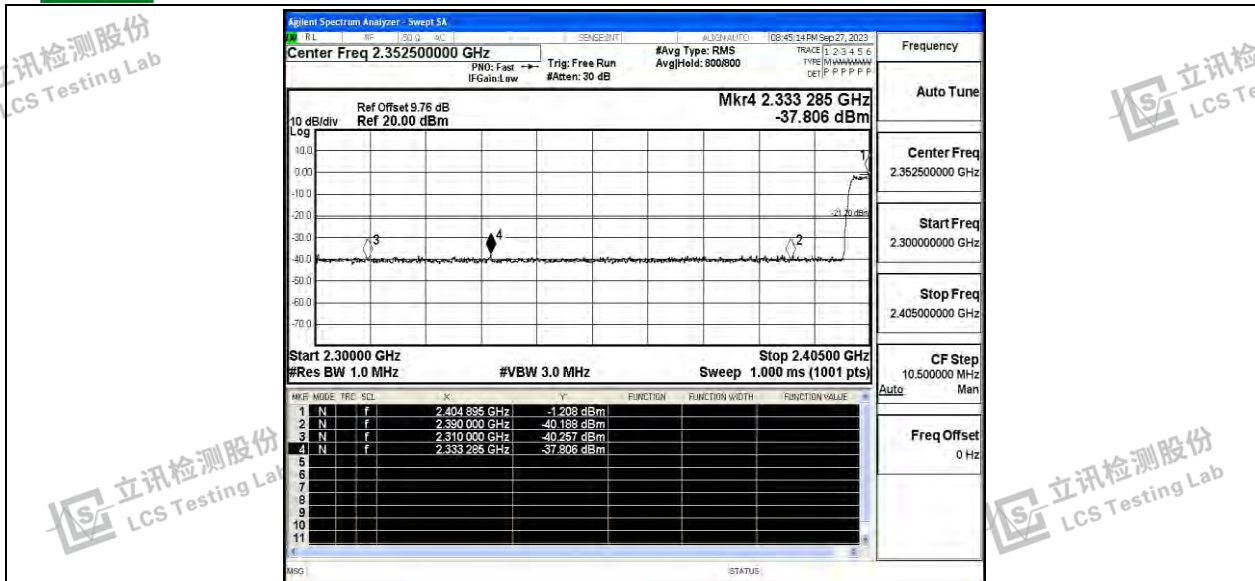


2DH5\_Ant\_High\_2480\_Peak

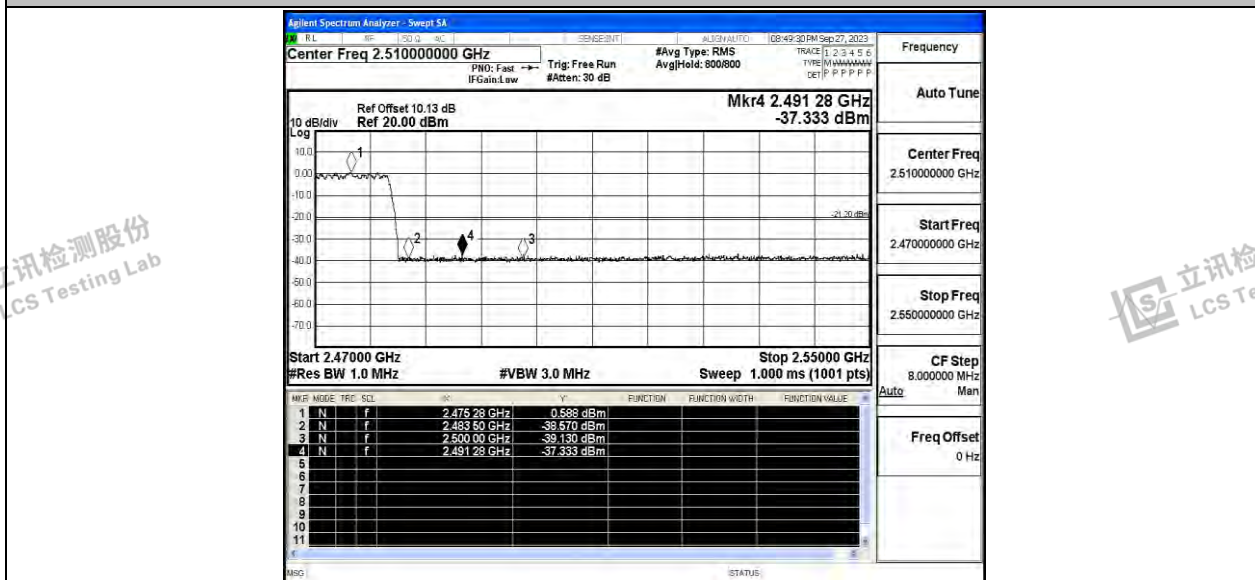


2DH5\_Ant\_Low\_Hop\_2402\_Peak



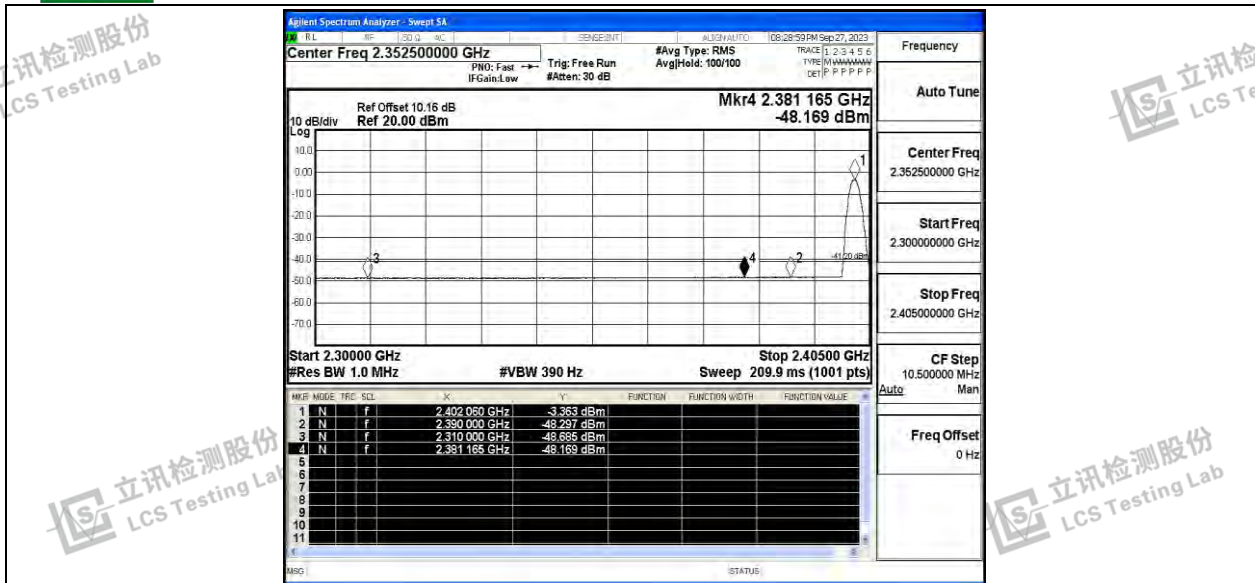


2DH5\_Ant\_High\_Hop\_2480\_Peak

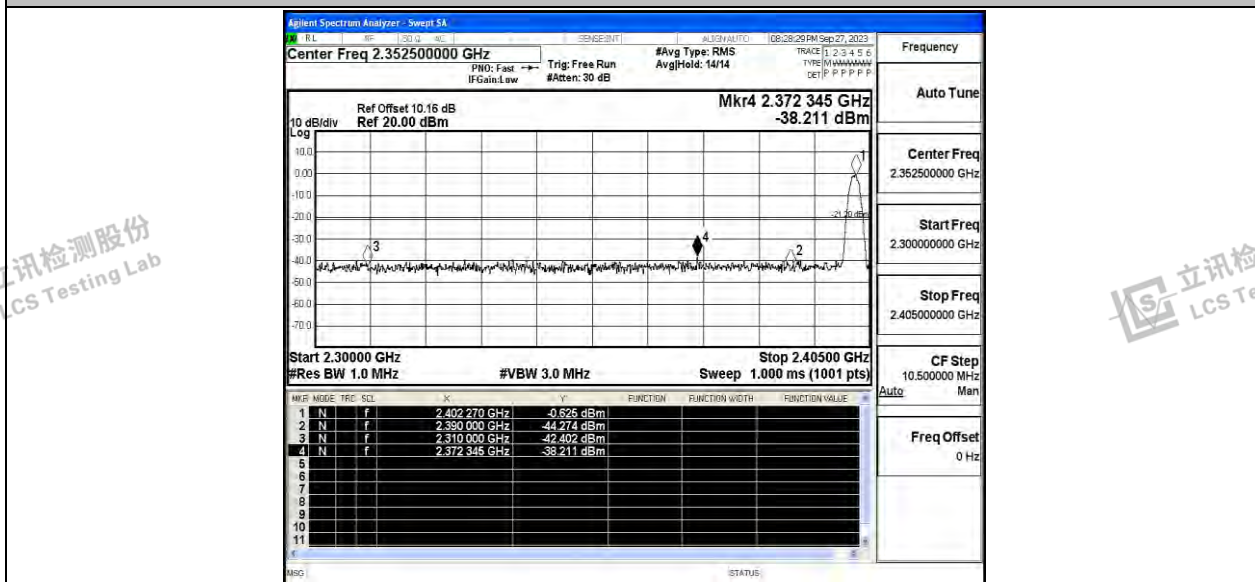


3DH5\_Ant\_Low\_2402\_AV



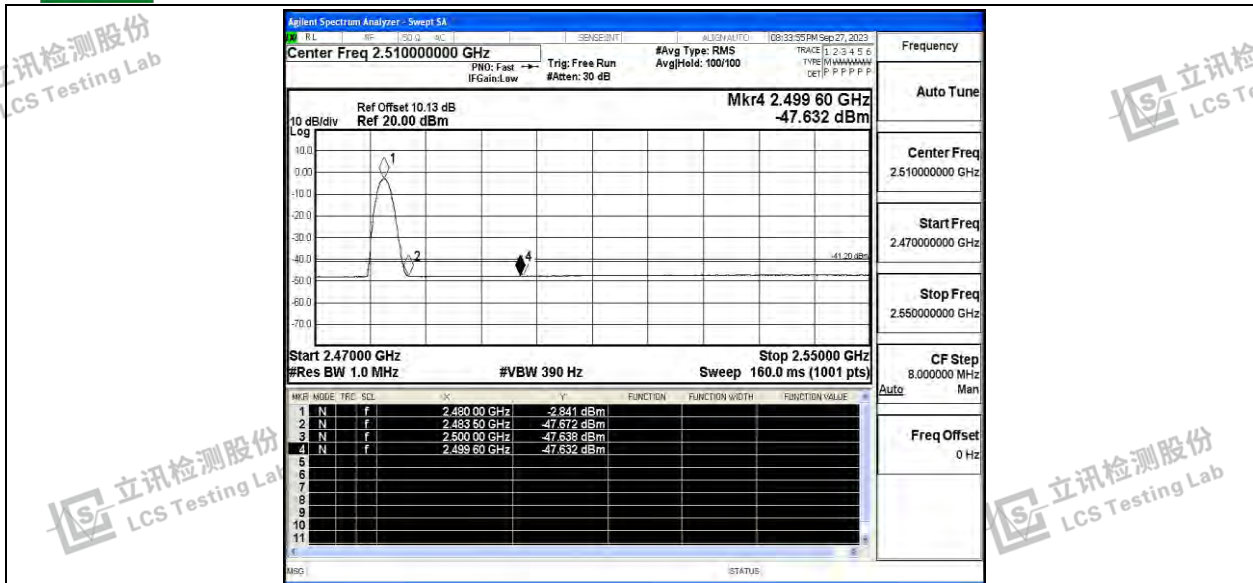


3DH5\_Ant\_Low\_2402\_Peak

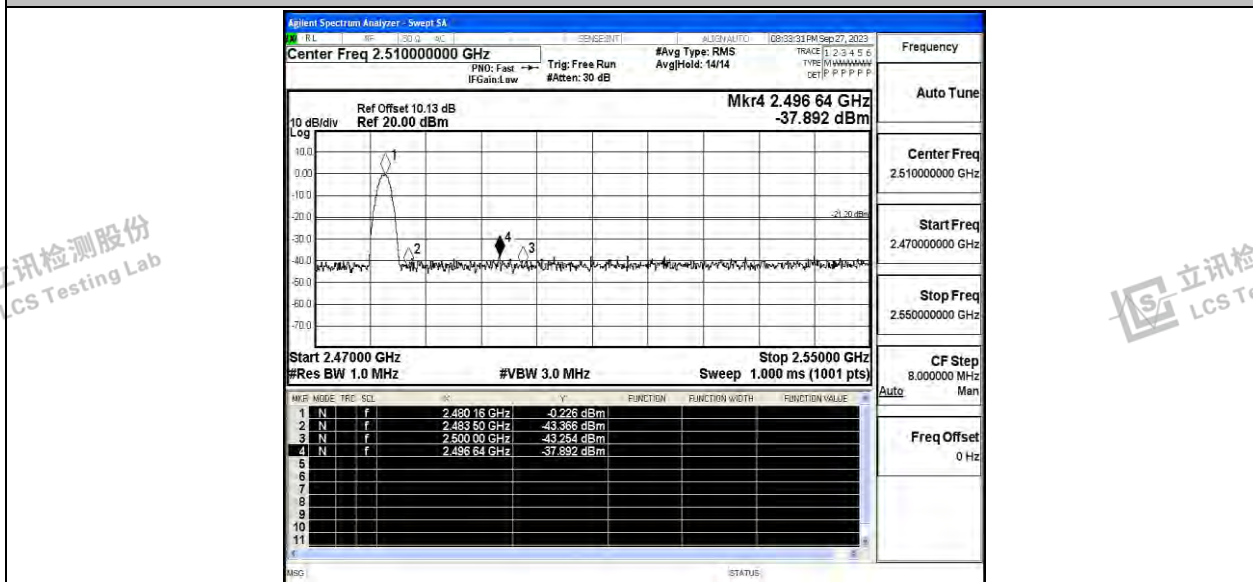


3DH5\_Ant\_High\_2480\_AV



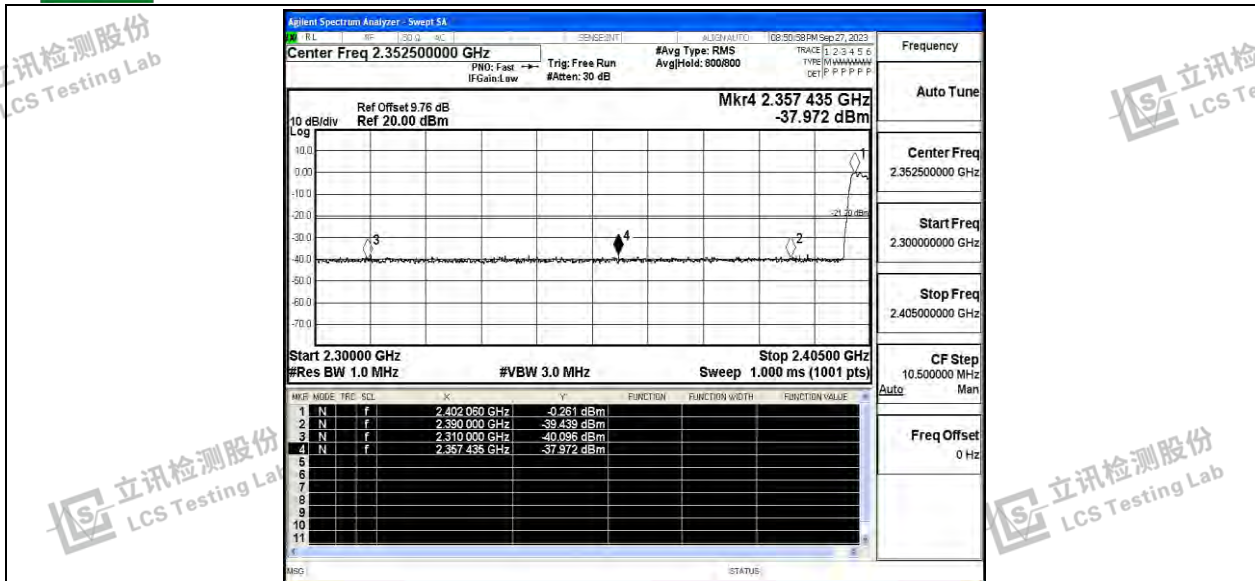


3DH5\_Ant\_High\_2480\_Peak

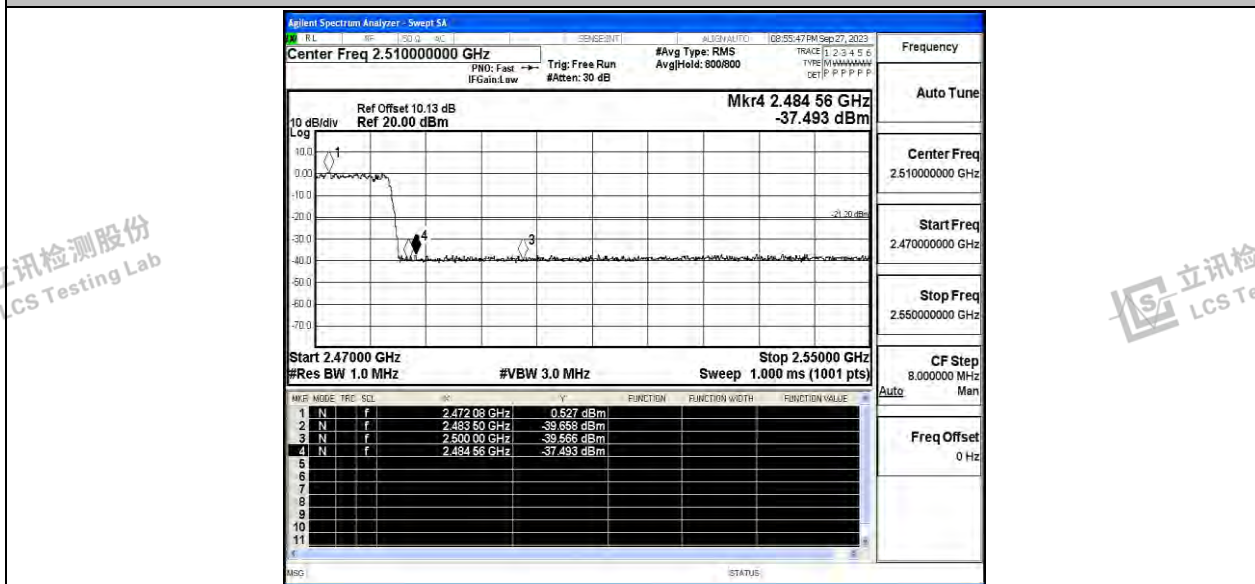


3DH5\_Ant\_Low\_Hop\_2402\_Peak





3DH5\_Ant\_High\_Hop\_2480\_Peak



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