



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: 10LA2

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

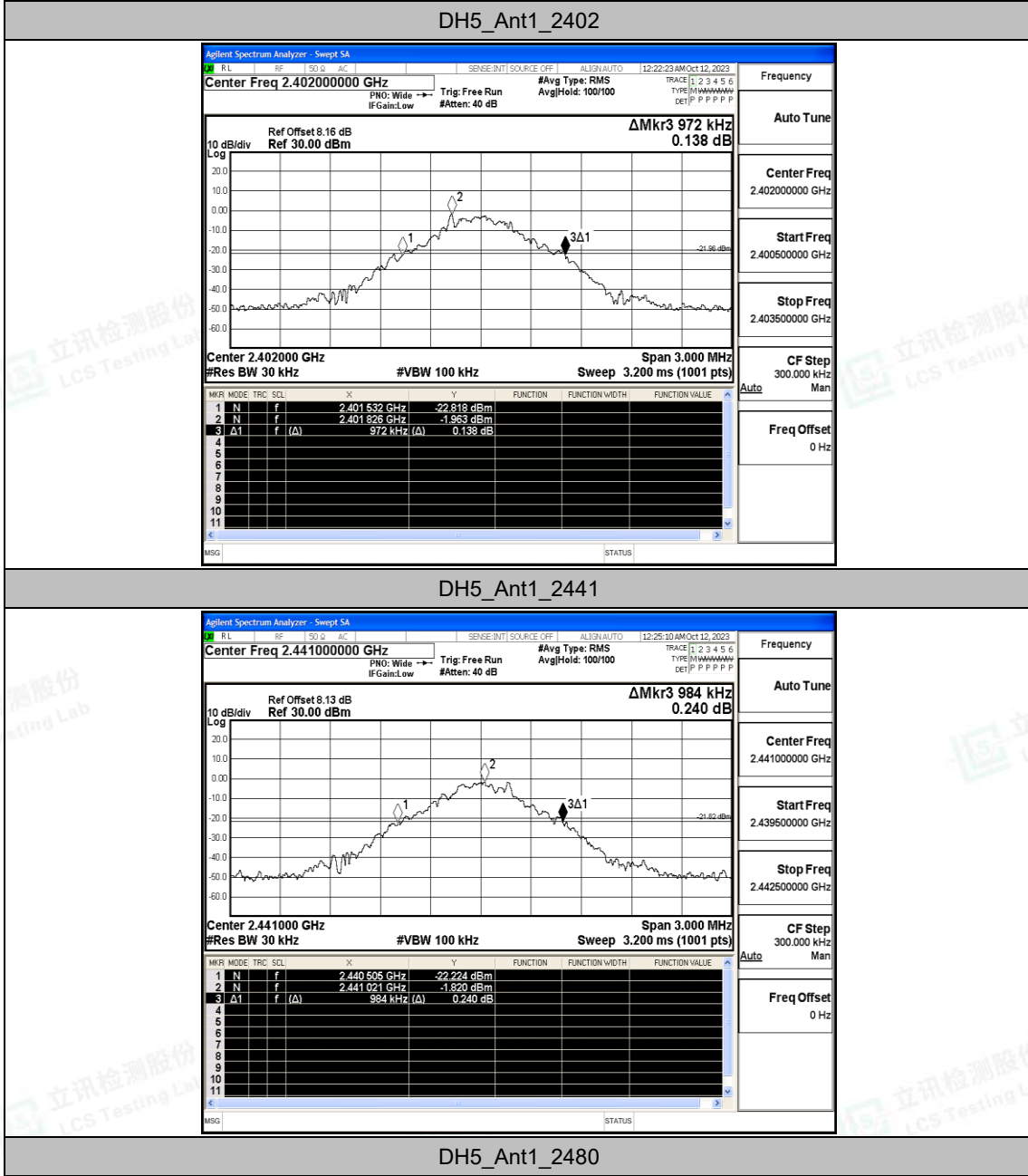
Test Result

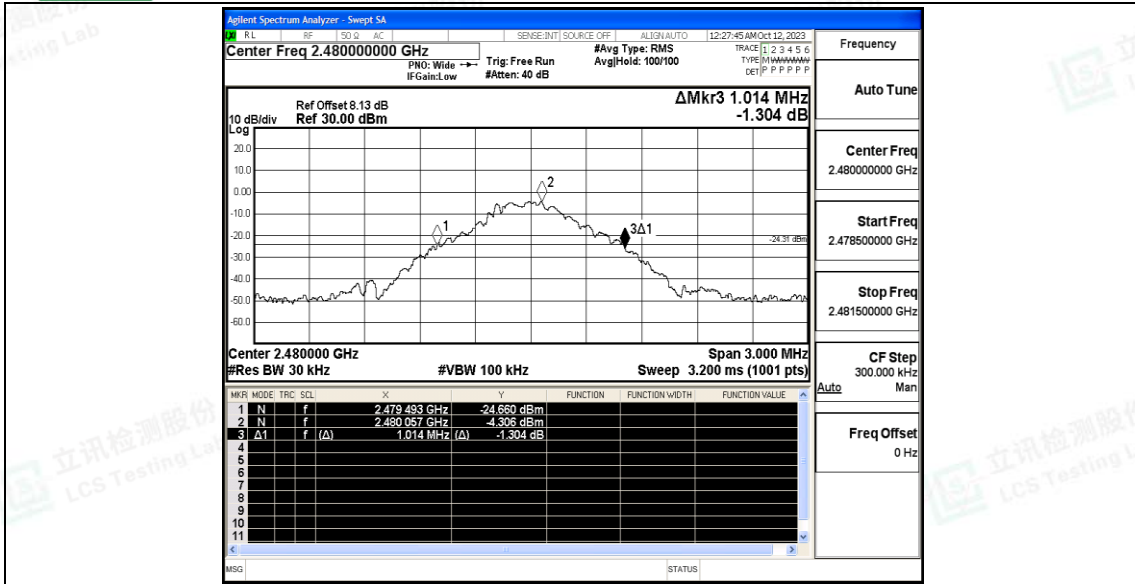
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.972	2401.532	2402.504	---
		2441	0.984	2440.505	2441.489	---
		2480	1.014	2479.493	2480.507	---
2DH5	Ant1	2402	1.323	2401.334	2402.657	---
		2441	1.293	2440.358	2441.651	---
		2480	1.290	2479.358	2480.648	---
3DH5	Ant1	2402	1.308	2401.343	2402.651	---
		2441	1.305	2440.337	2441.642	---
		2480	1.308	2479.343	2480.651	---



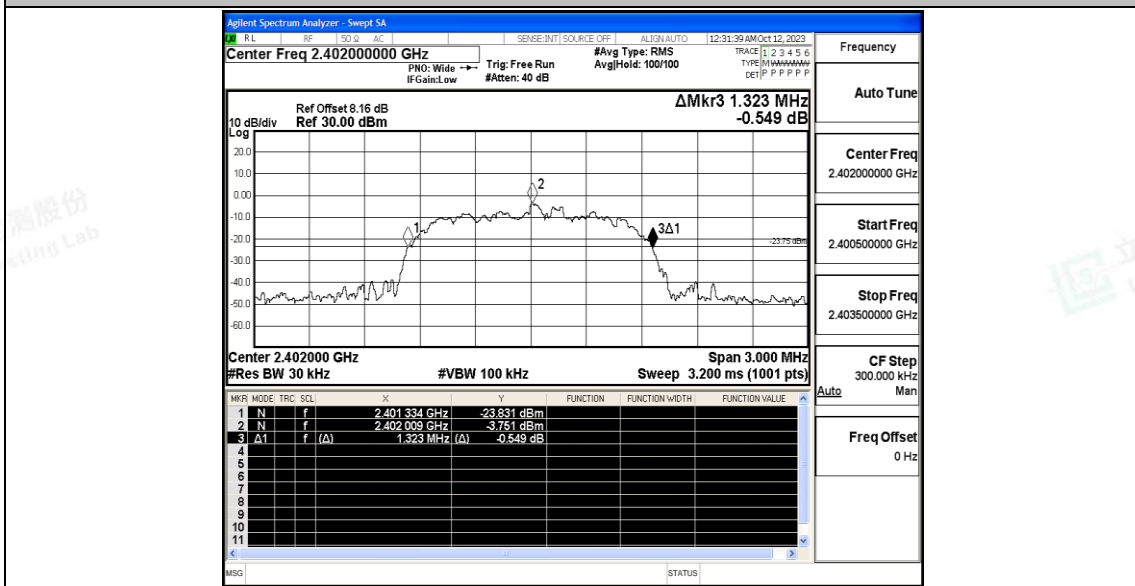


Test Graphs



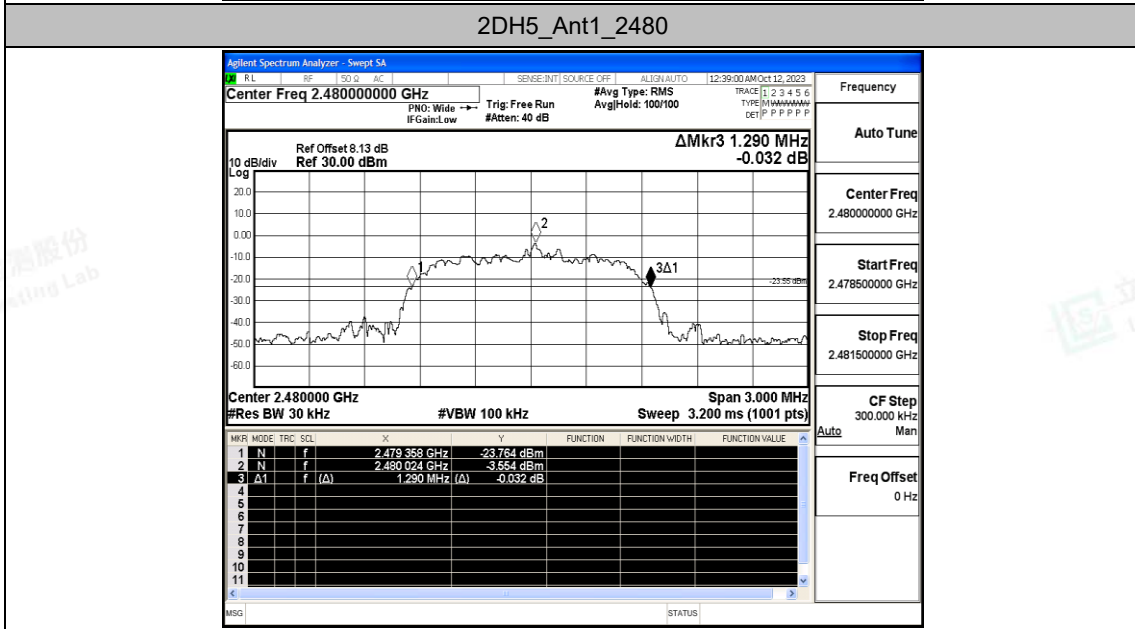
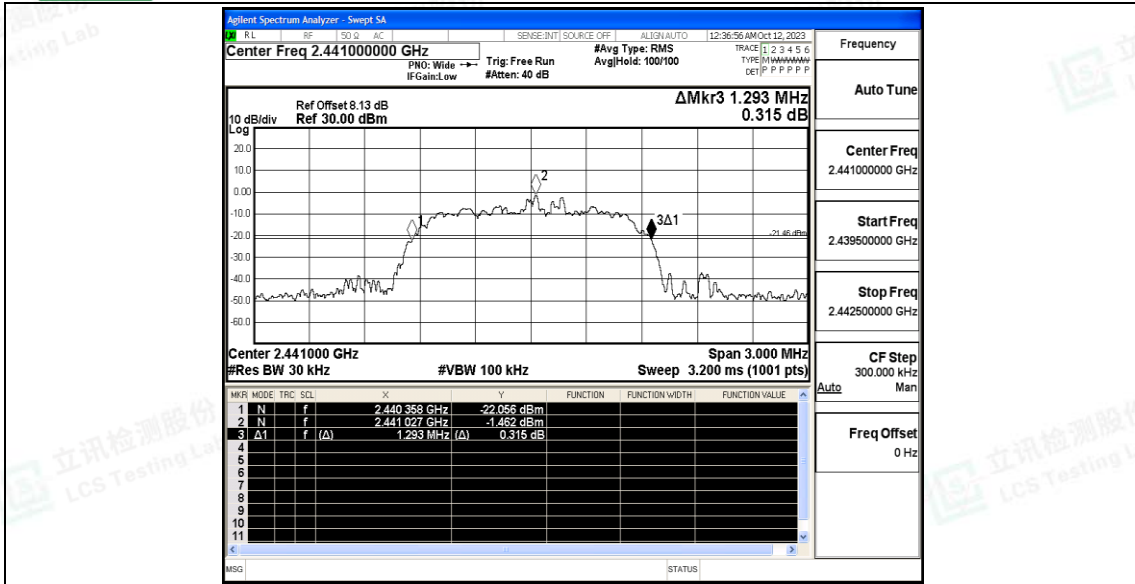


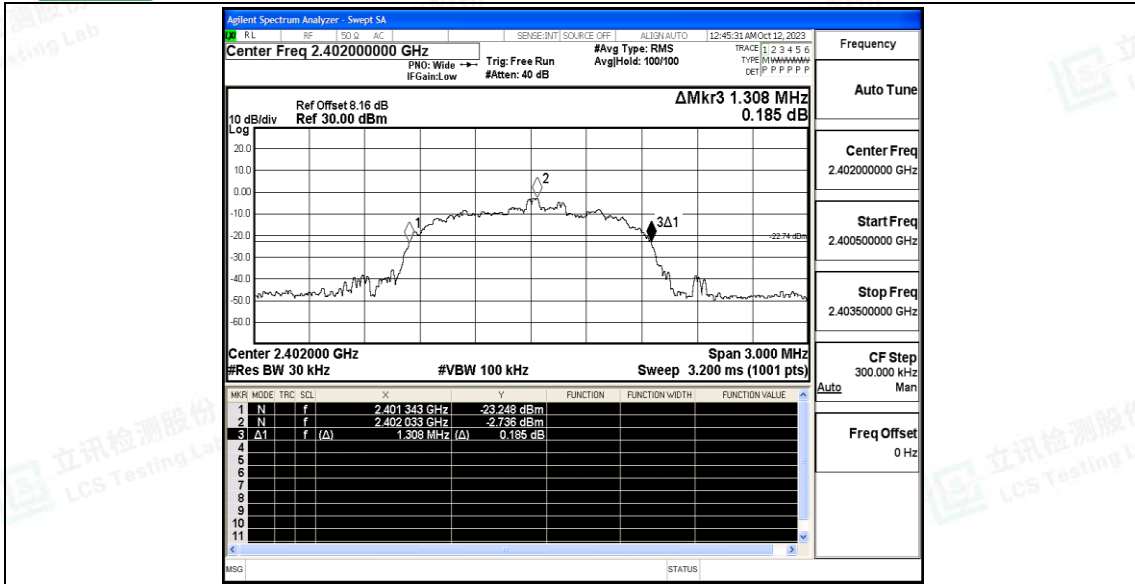
2DH5_Ant1_2402



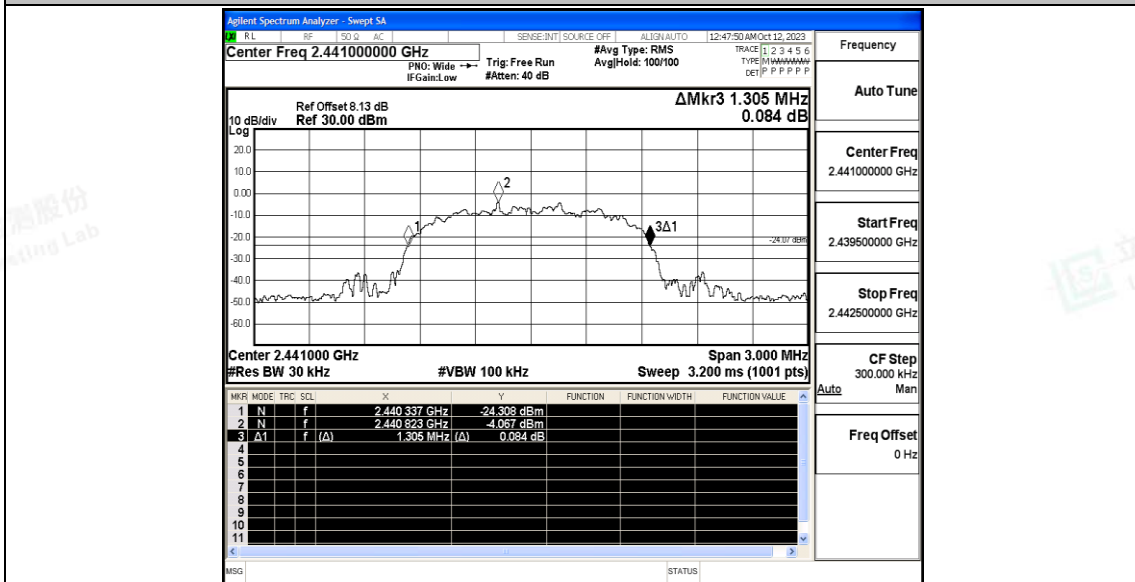
2DH5_Ant1_2441





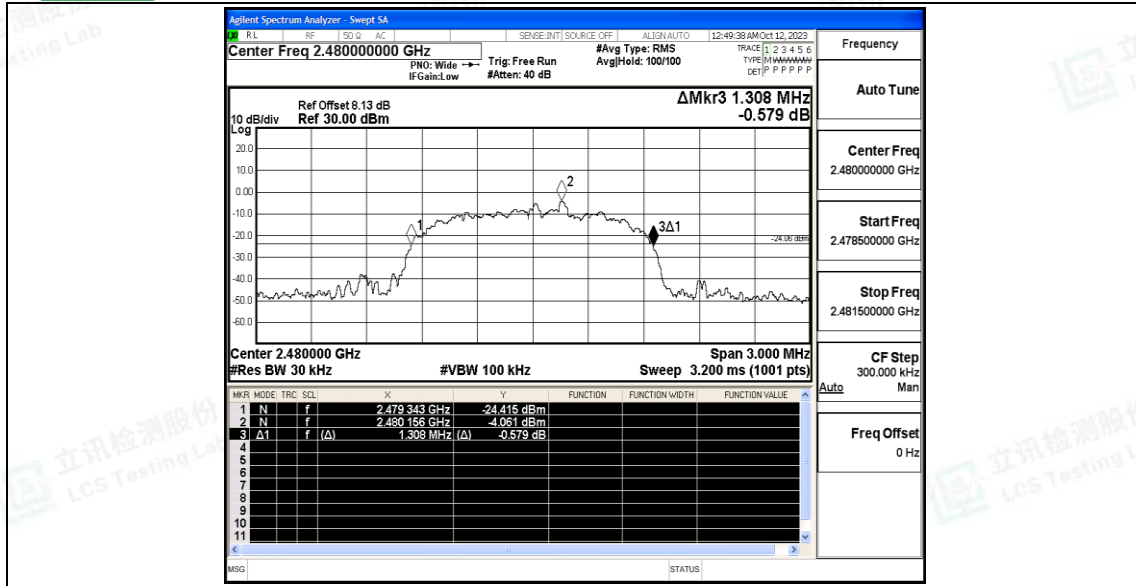


3DH5_Ant1_2441



3DH5_Ant1_2480







A.2 Maximum conducted output power

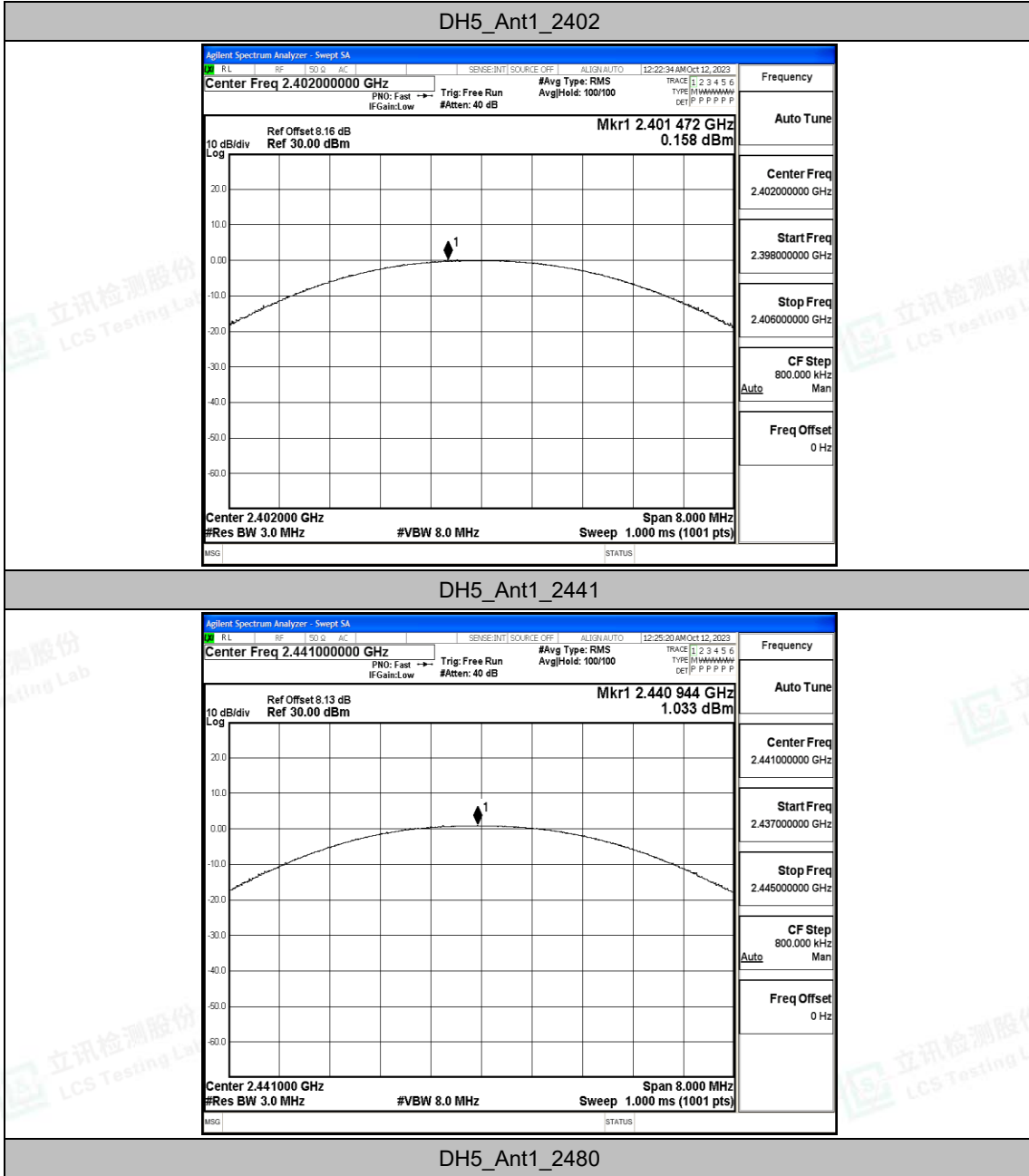
Test Result

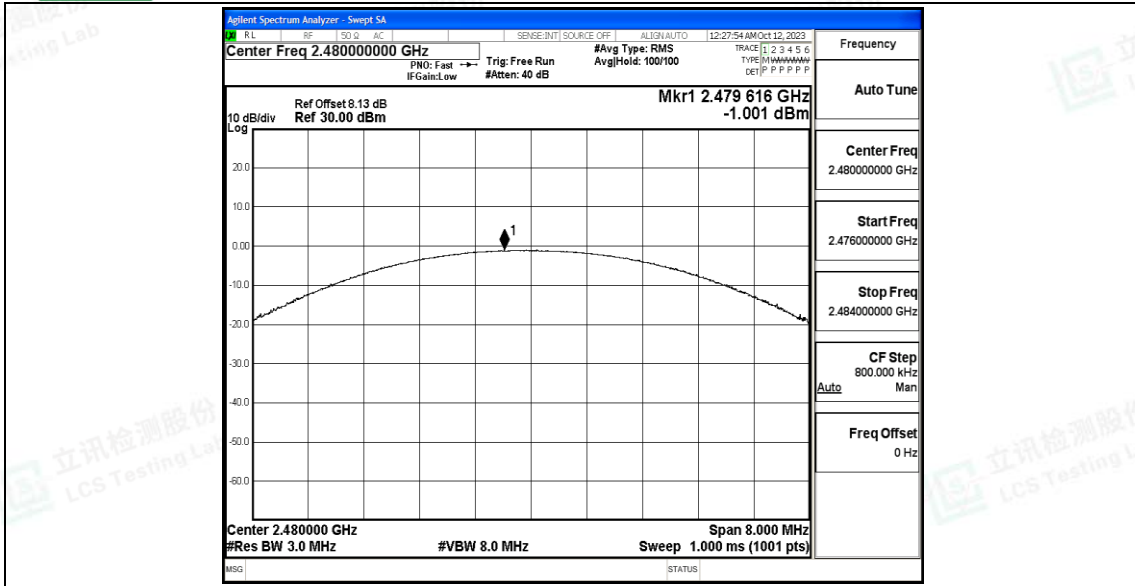
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.16	≤20.97	PASS
		2441	1.03	≤20.97	PASS
		2480	-1	≤20.97	PASS
2DH5	Ant1	2402	1.74	≤20.97	PASS
		2441	2.56	≤20.97	PASS
		2480	0.67	≤20.97	PASS
3DH5	Ant1	2402	1.95	≤20.97	PASS
		2441	2.87	≤20.97	PASS
		2480	1.02	≤20.97	PASS



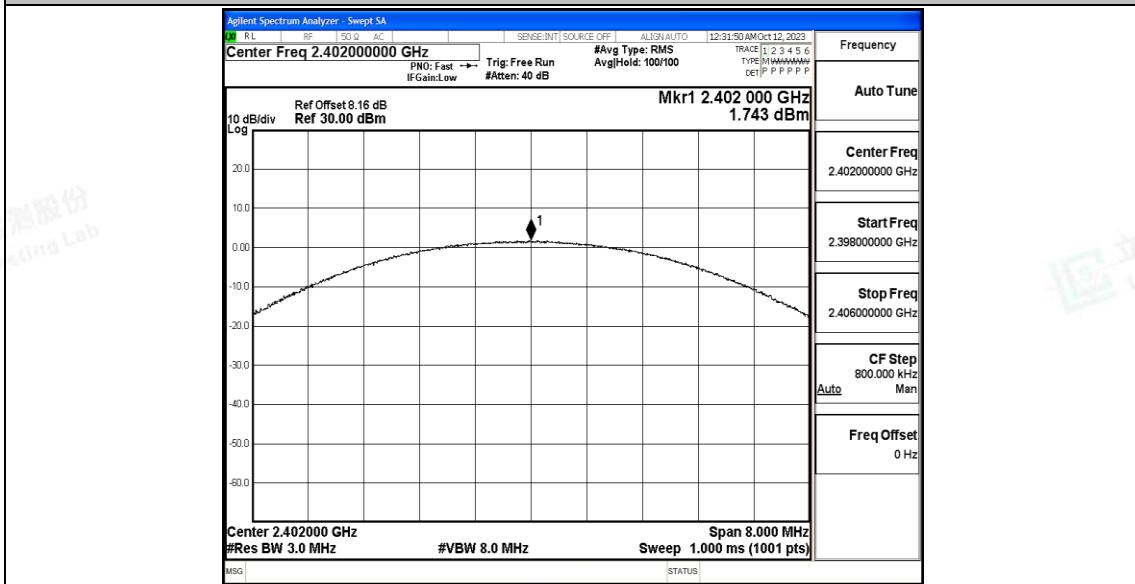


Test Graphs



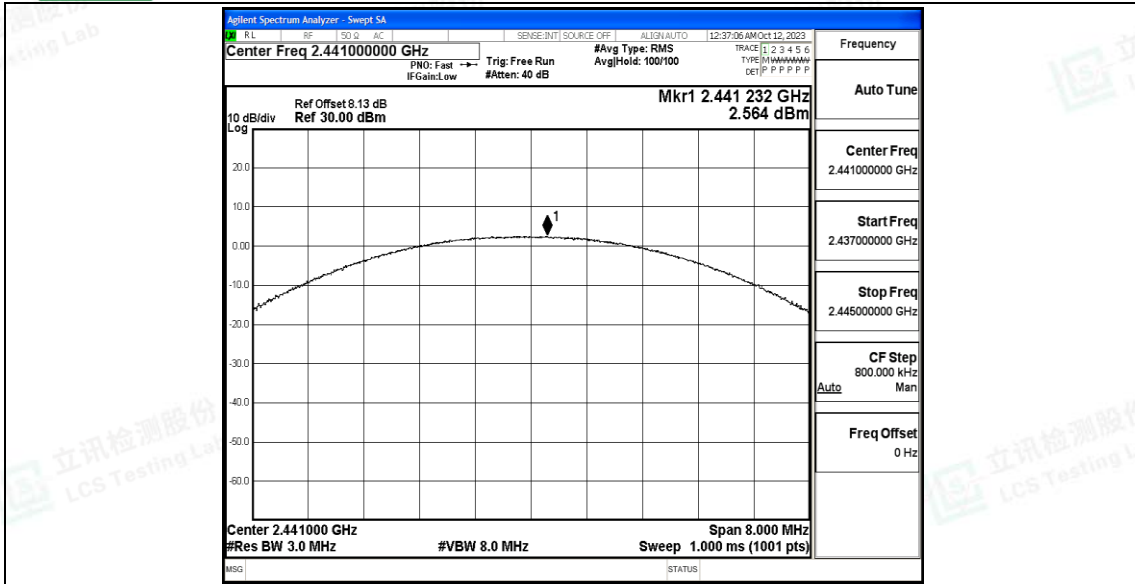


2DH5_Ant1_2402

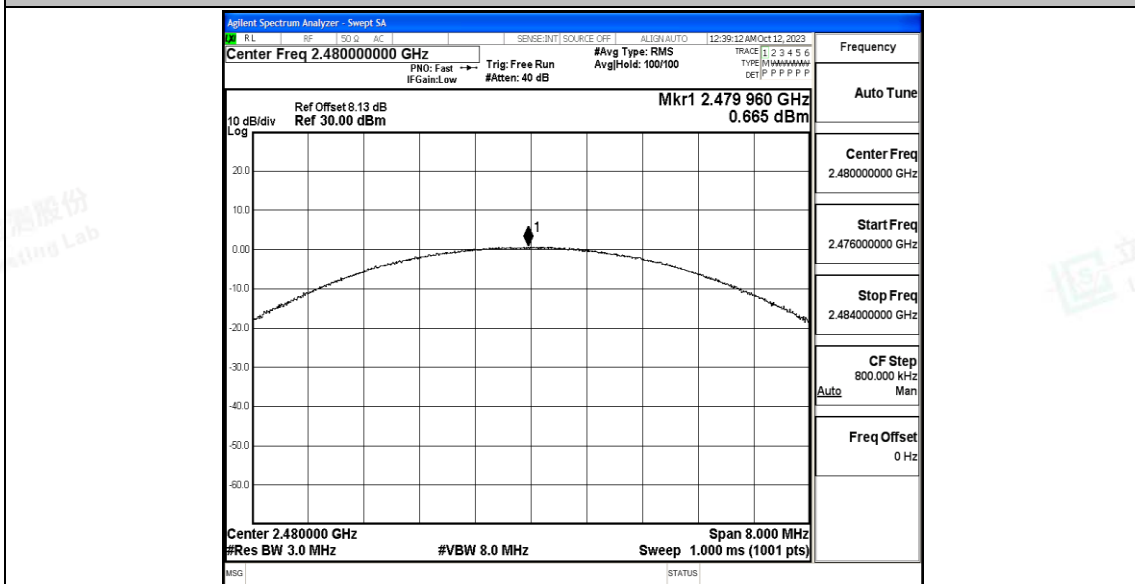


2DH5_Ant1_2441



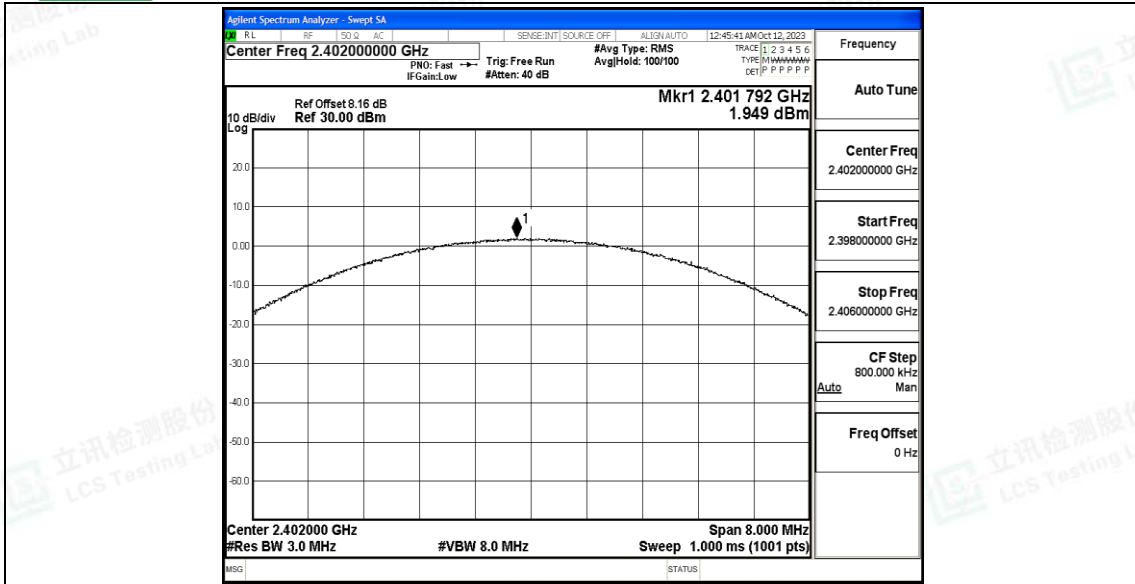


2DH5_Ant1_2480

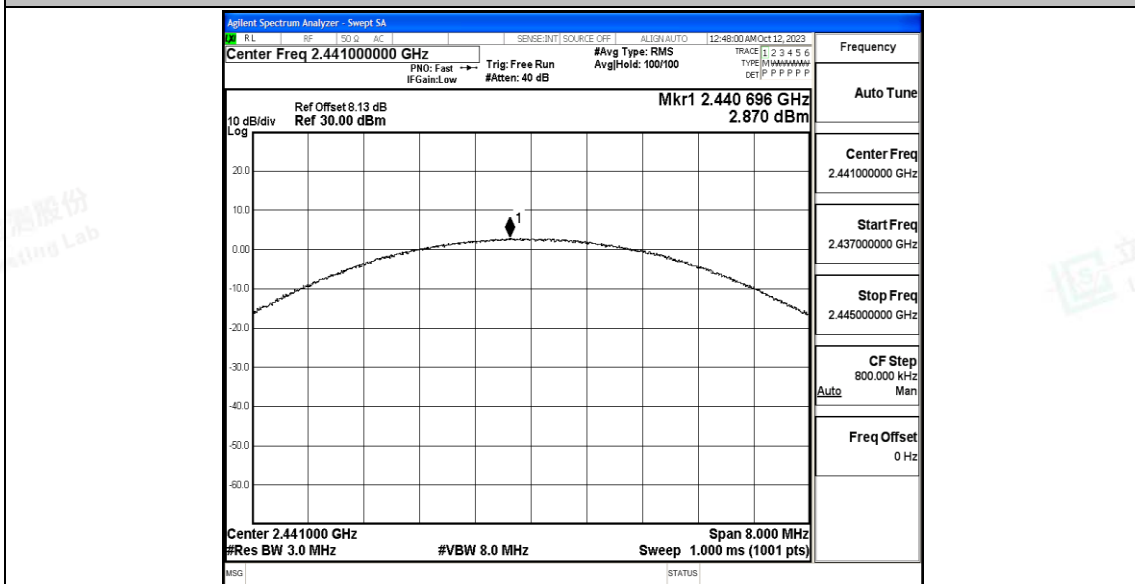


3DH5_Ant1_2402



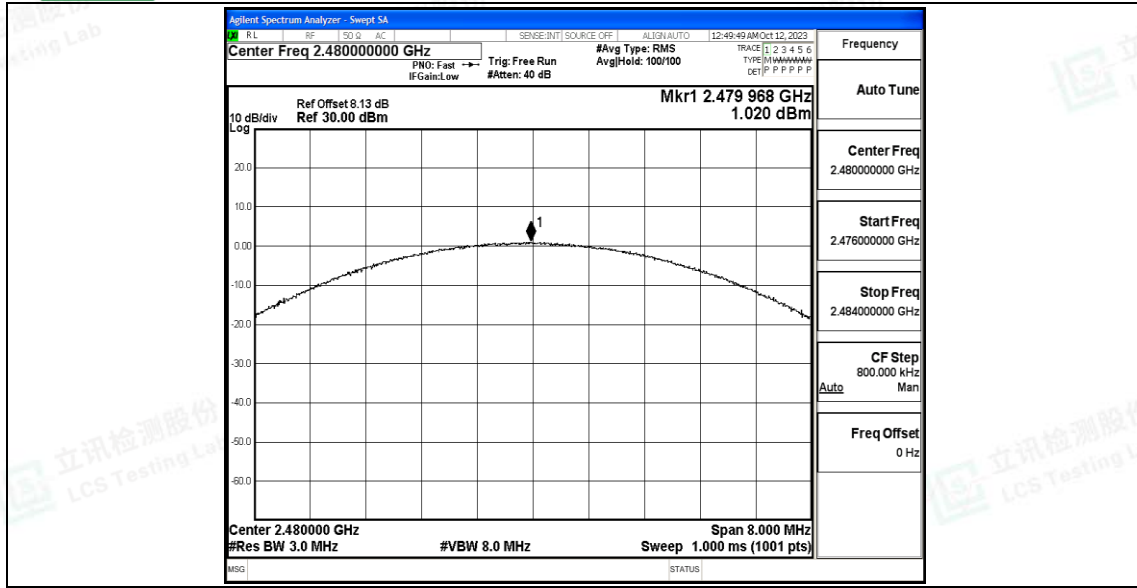


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

Test Result

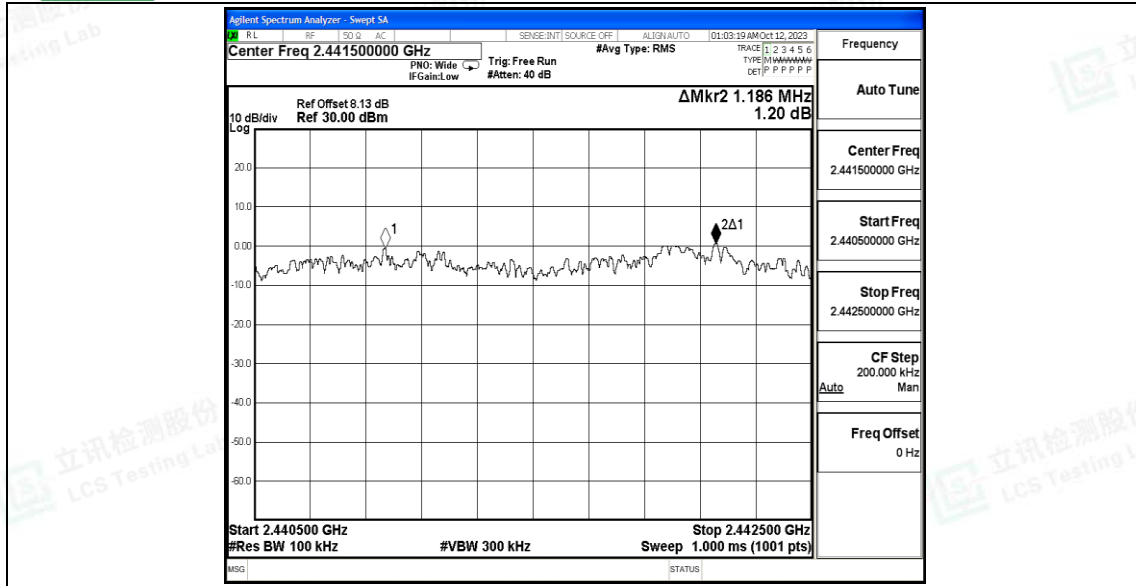
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.914	≥0.676	PASS
2DH5	Ant1	Hop	0.978	≥0.882	PASS
3DH5	Ant1	Hop	1.186	≥0.872	PASS





Test Graphs







A.4 Time of occupancy

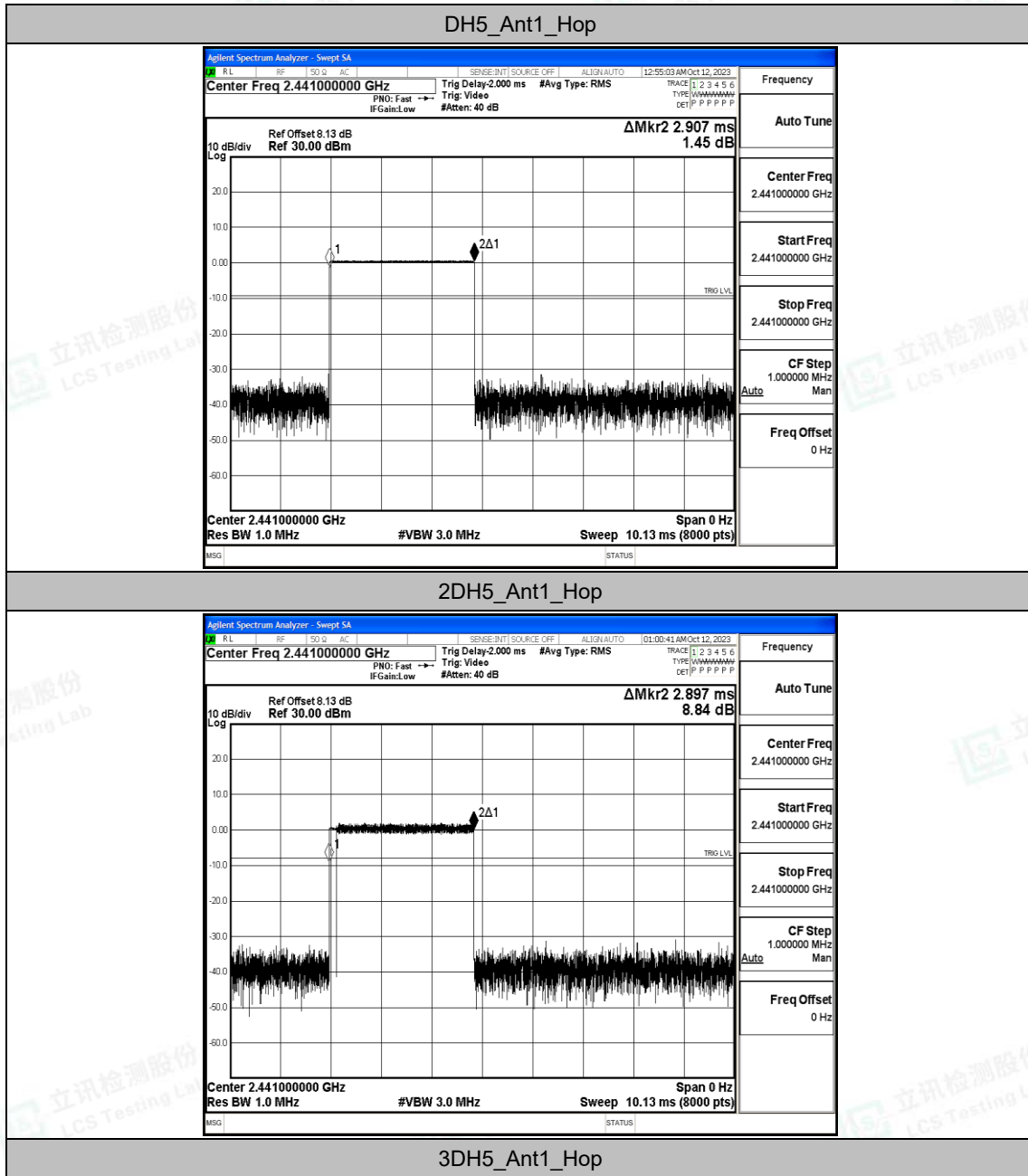
Test Result

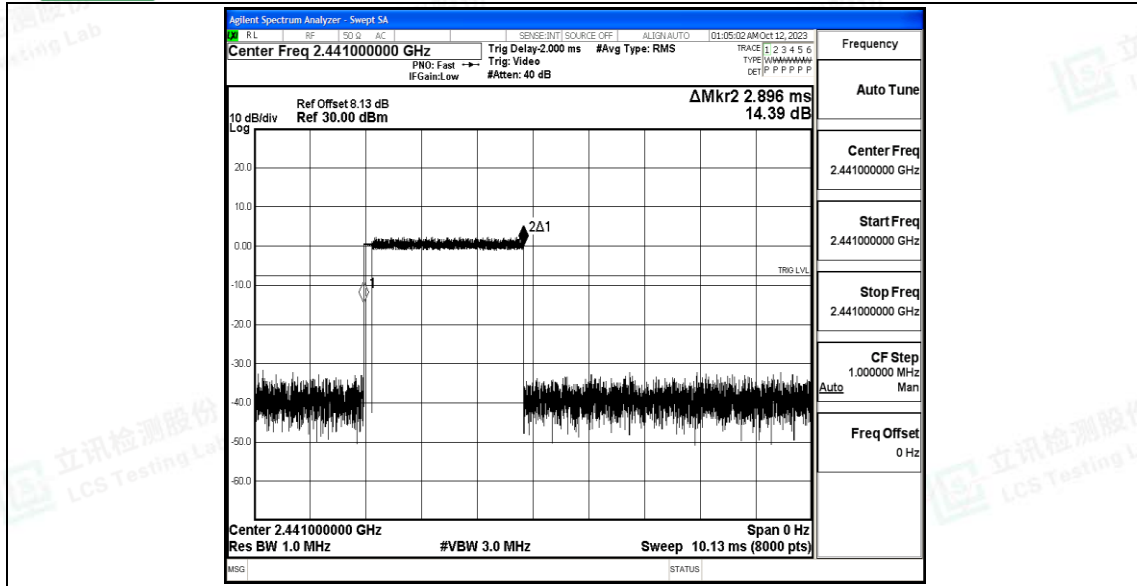
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.907	106.67	0.31	≤0.4	PASS
2DH5	Ant1	Hop	2.897	106.67	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.896	106.67	0.309	≤0.4	PASS





Test Graphs







A.5 Number of hopping channels

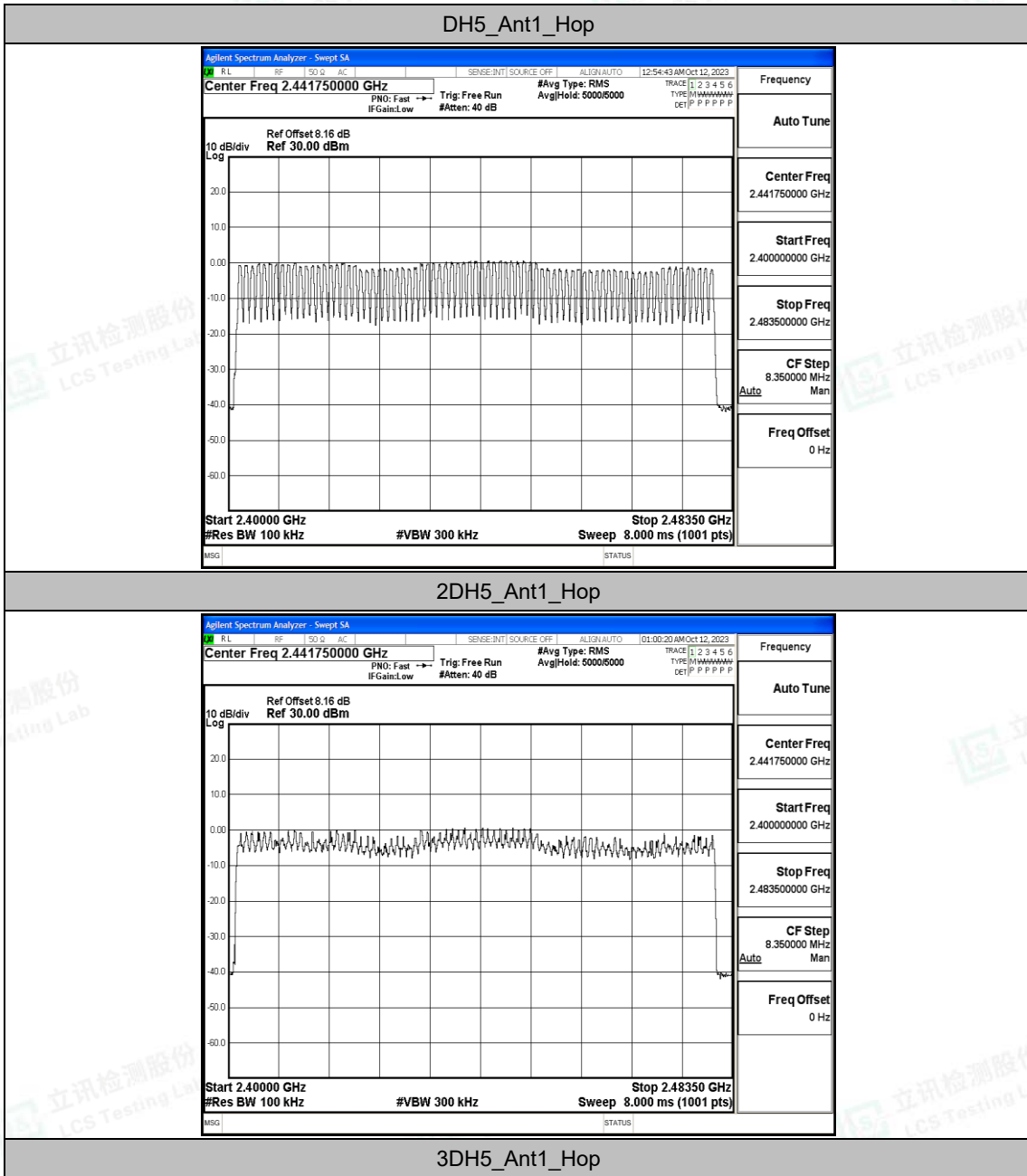
Test Result

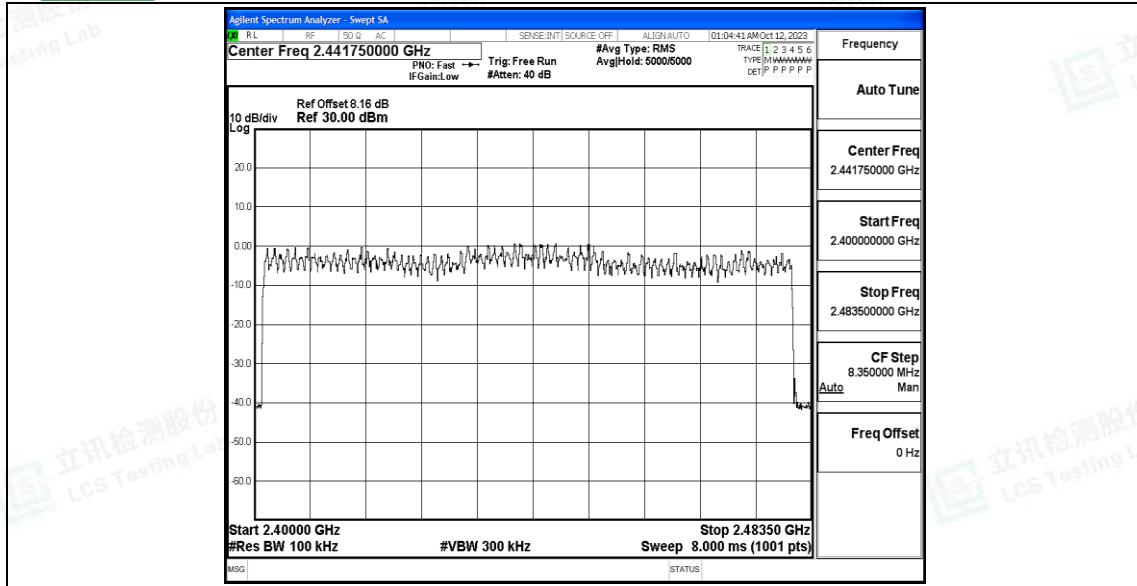
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

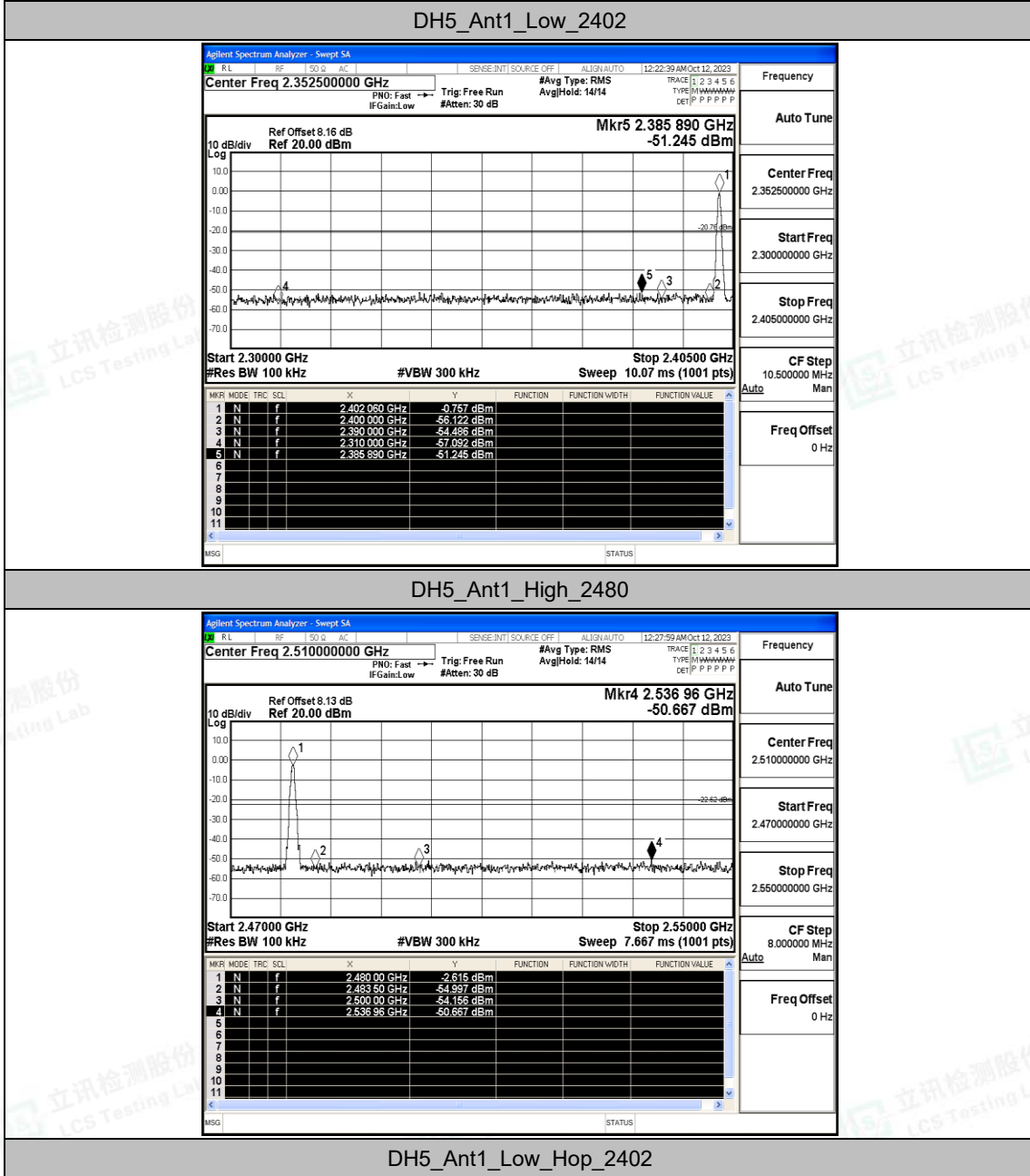
Test Result

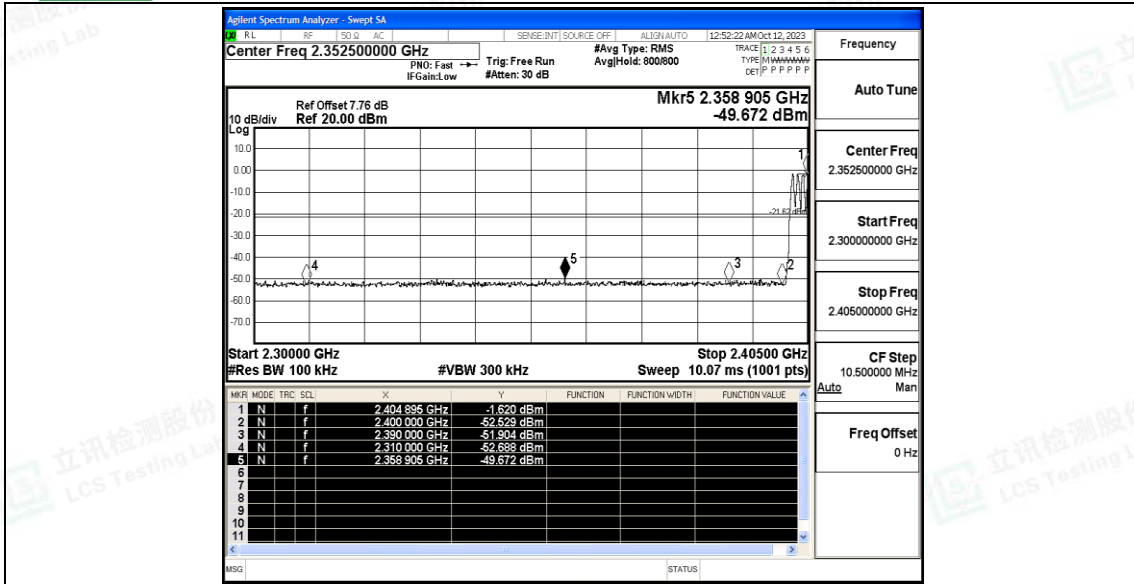
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.76	-51.25	≤-20.76	PASS
		High	2480	-2.62	-50.67	≤-22.62	PASS
		Low	Hop_2402	-1.62	-49.67	≤-21.62	PASS
		High	Hop_2480	-1.17	-49.46	≤-21.17	PASS
2DH5	Ant1	Low	2402	-0.82	-50.59	≤-20.82	PASS
		High	2480	-5.17	-50.27	≤-25.17	PASS
		Low	Hop_2402	-2.97	-49.76	≤-22.97	PASS
		High	Hop_2480	-3.13	-49.44	≤-23.13	PASS
3DH5	Ant1	Low	2402	-3.43	-51.28	≤-23.43	PASS
		High	2480	-4.25	-50.95	≤-24.25	PASS
		Low	Hop_2402	-1.00	-49.88	≤-21	PASS
		High	Hop_2480	-1.05	-49.5	≤-21.05	PASS



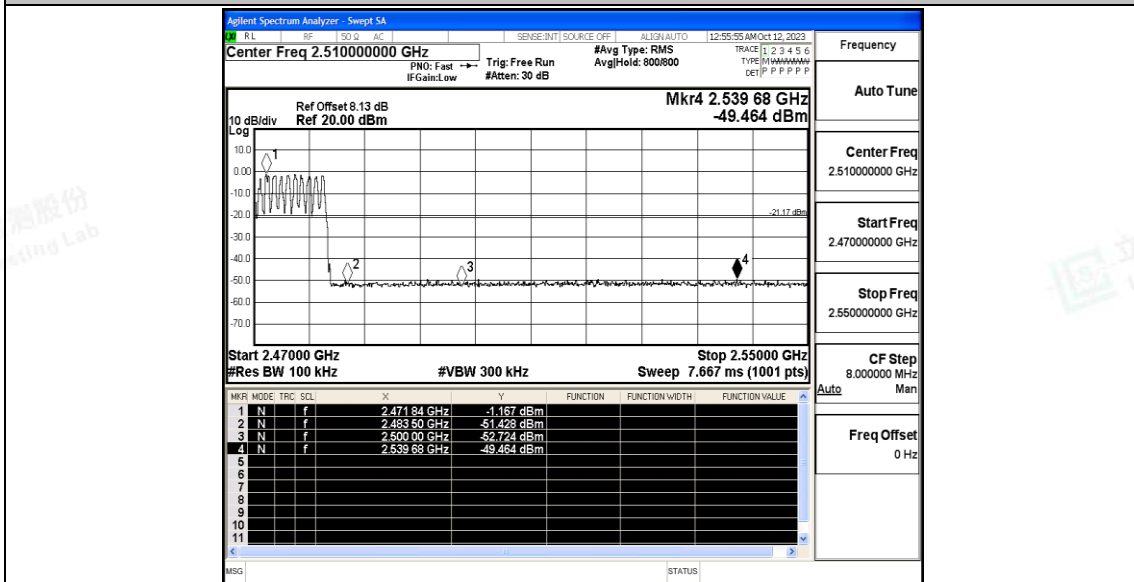


Test Graphs



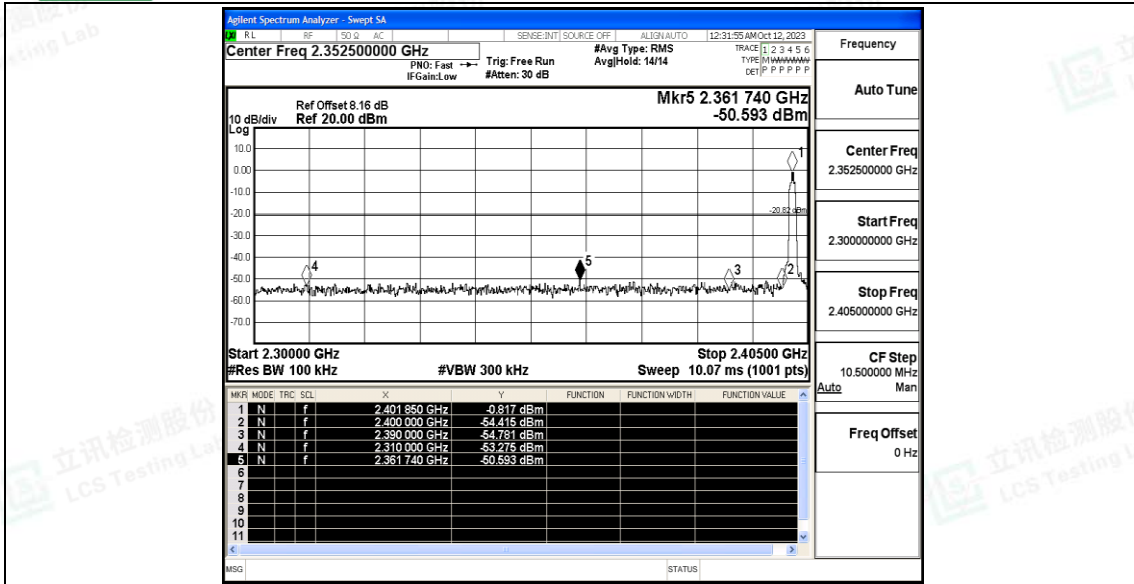


DH5_Ant1_High_Hop_2480

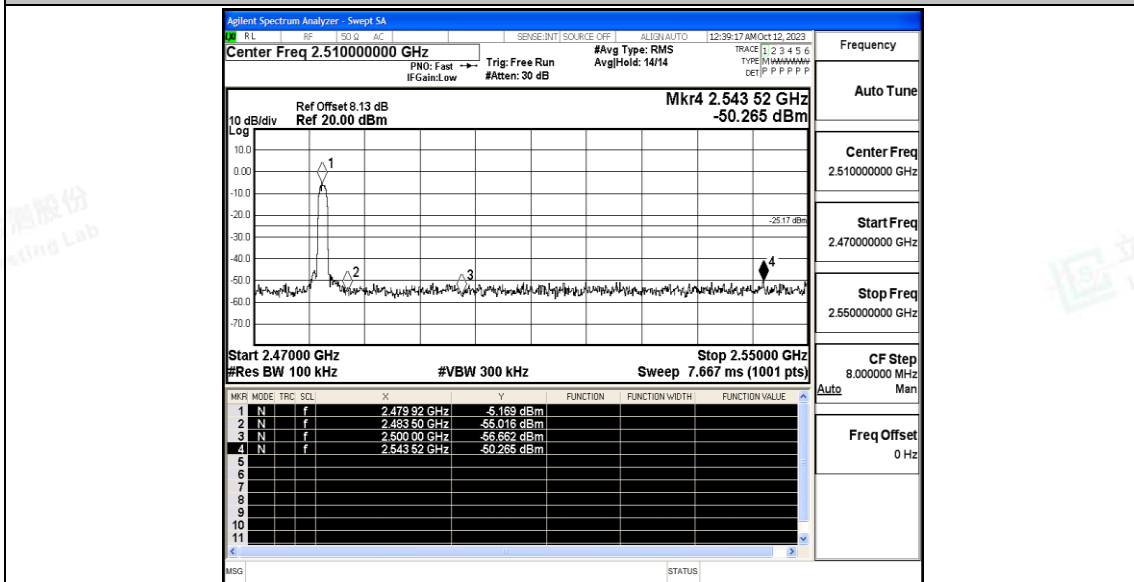


2DH5_Ant1_Low_2402



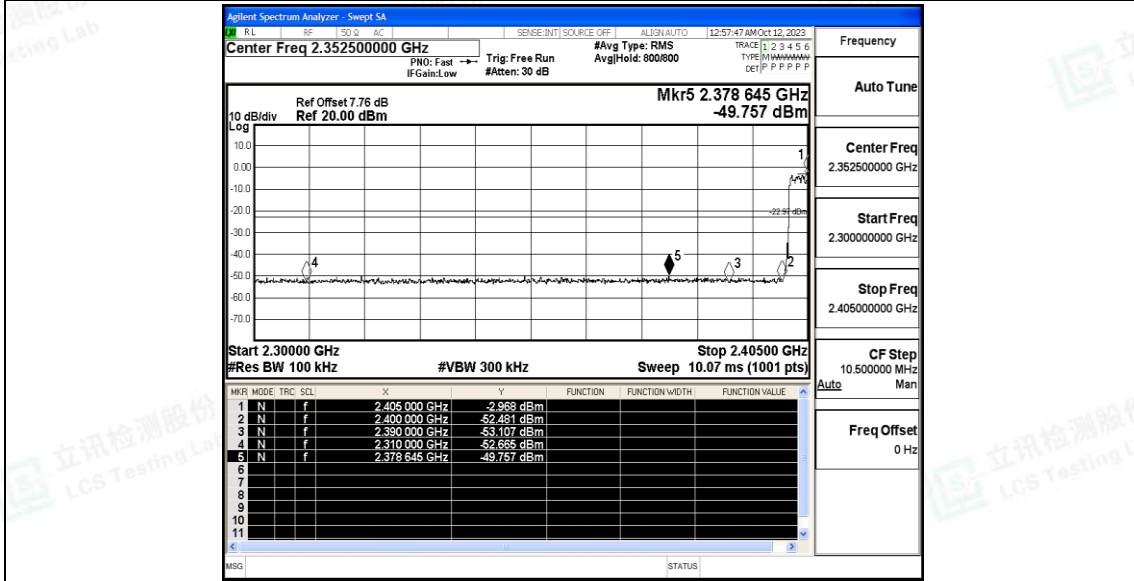


2DH5_Ant1_High_2480

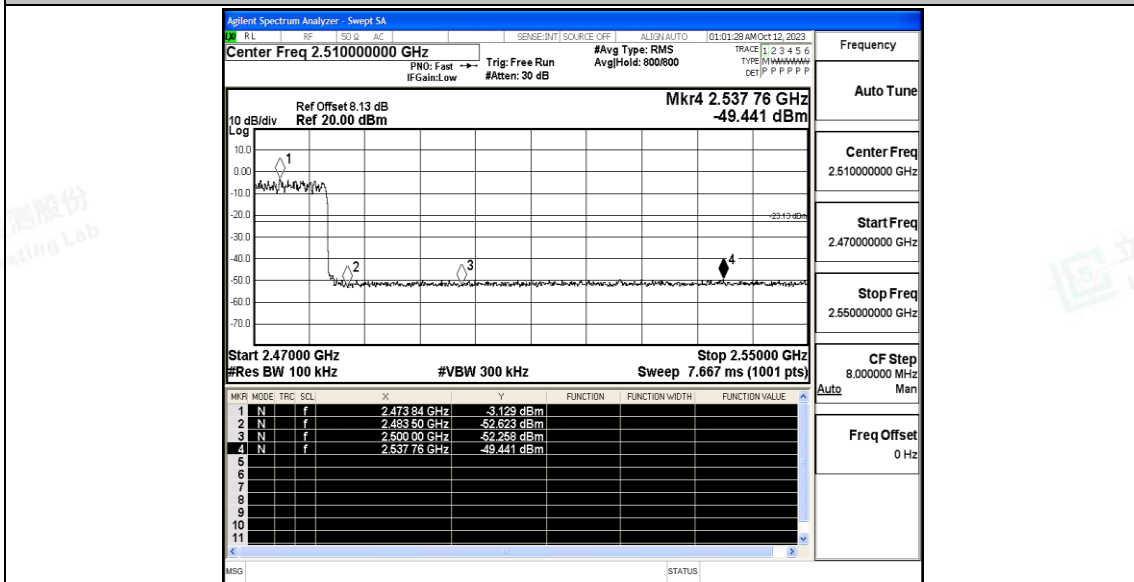


2DH5_Ant1_Low_Hop_2402



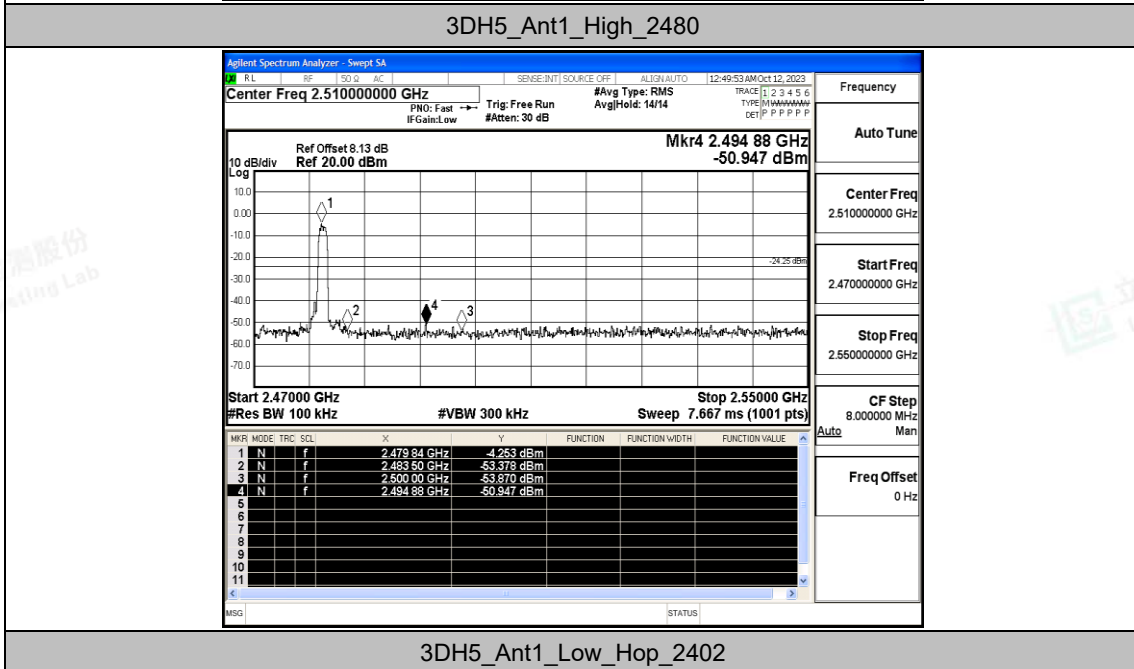
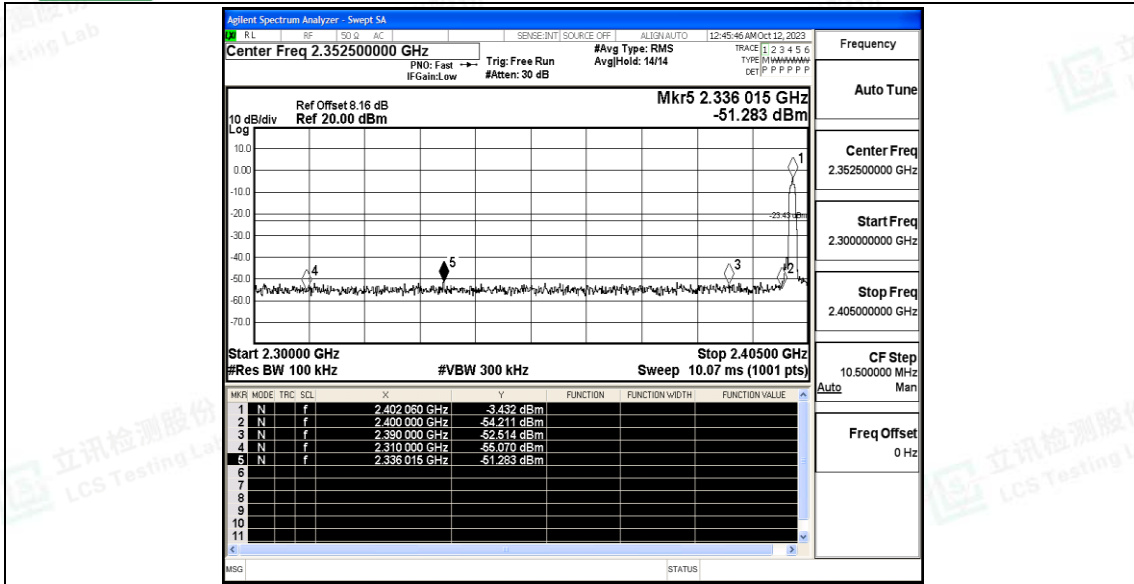


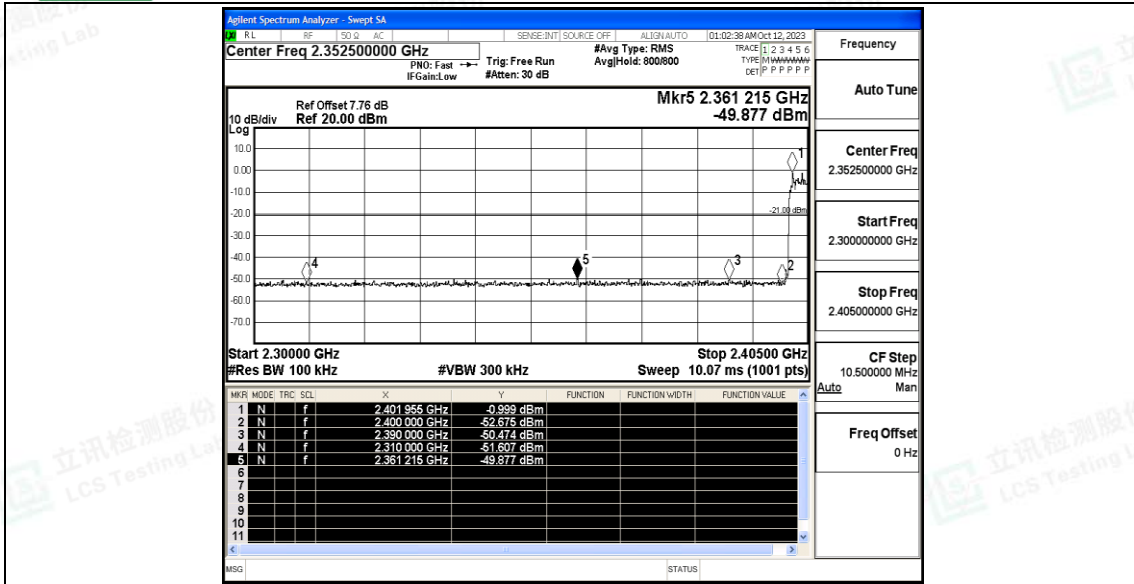
2DH5_Ant1_High_Hop_2480



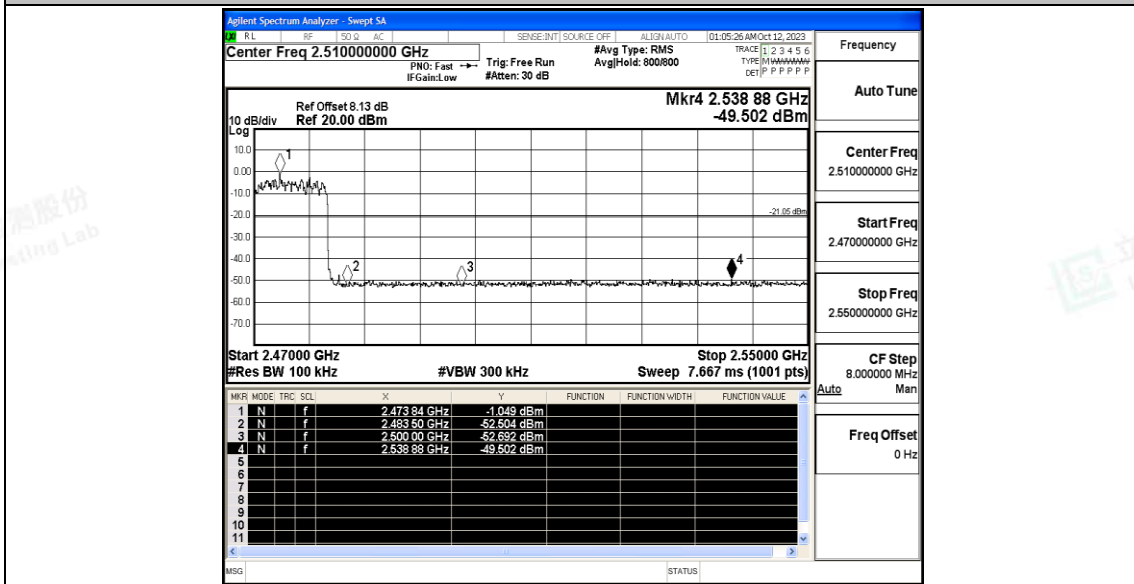
3DH5_Ant1_Low_2402







3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

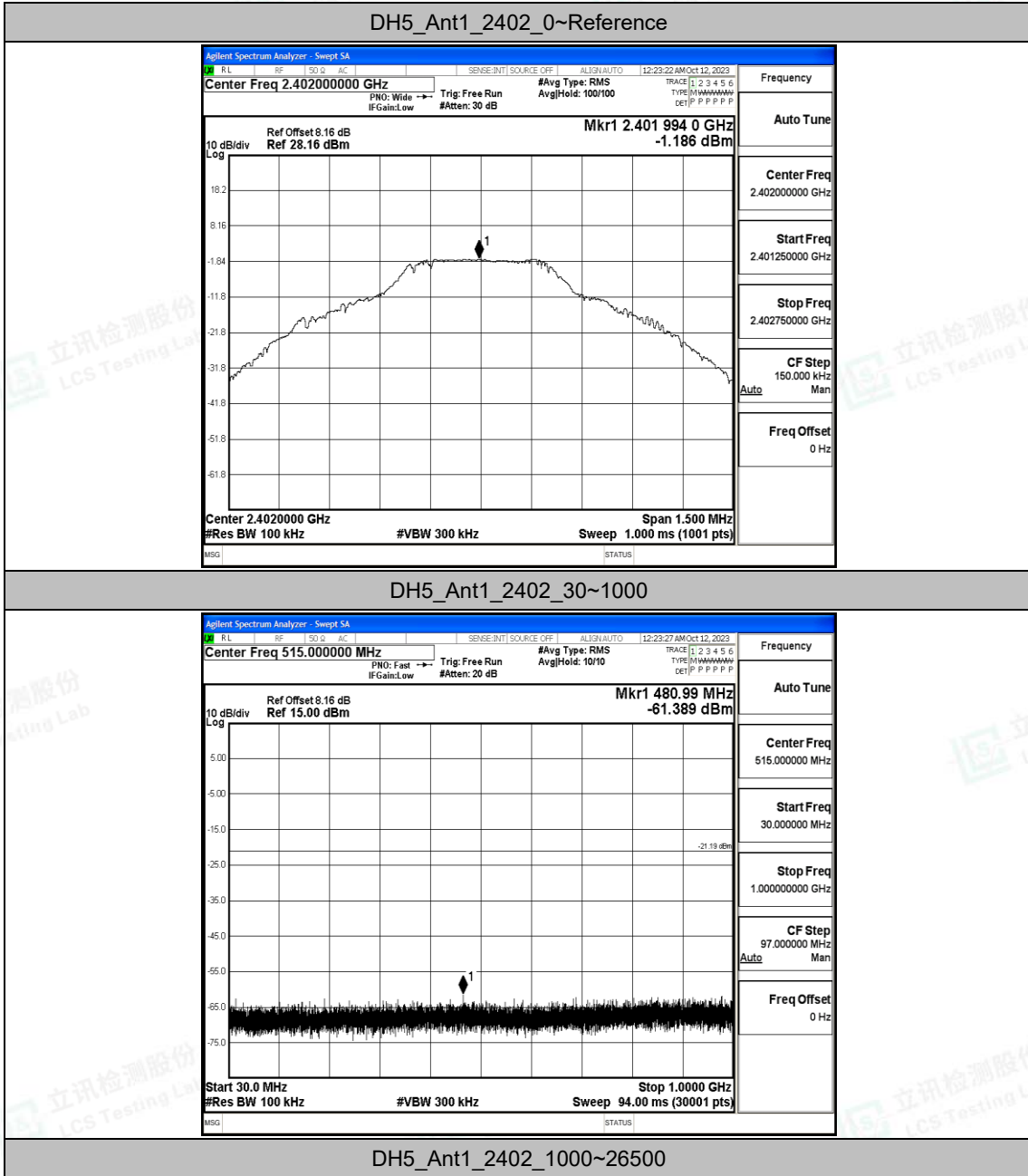
Test Result

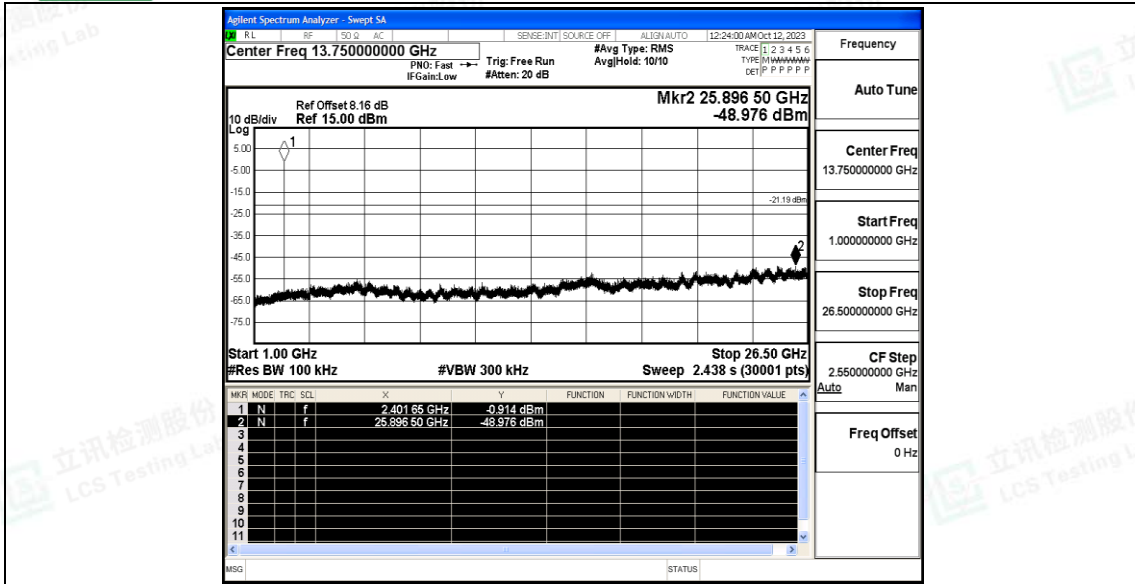
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-1.19	-1.19	---	PASS
			30~1000	-1.19	-61.39	≤-21.19	PASS
			1000~26500	-1.19	-48.98	≤-21.19	PASS
		2441	Reference	0.40	0.40	---	PASS
			30~1000	0.40	-61.32	≤-19.6	PASS
			1000~26500	0.40	-49.16	≤-19.6	PASS
		2480	Reference	-1.91	-1.91	---	PASS
			30~1000	-1.91	-60.8	≤-21.91	PASS
			1000~26500	-1.91	-48.92	≤-21.91	PASS
2DH5	Ant1	2402	Reference	-0.57	-0.57	---	PASS
			30~1000	-0.57	-61.58	≤-20.57	PASS
			1000~26500	-0.57	-48.86	≤-20.57	PASS
		2441	Reference	-0.27	-0.27	---	PASS
			30~1000	-0.27	-61.48	≤-20.27	PASS
			1000~26500	-0.27	-49.17	≤-20.27	PASS
		2480	Reference	-2.30	-2.30	---	PASS
			30~1000	-2.30	-62.06	≤-22.3	PASS
			1000~26500	-2.30	-49.45	≤-22.3	PASS
3DH5	Ant1	2402	Reference	-0.41	-0.41	---	PASS
			30~1000	-0.41	-60.84	≤-20.41	PASS
			1000~26500	-0.41	-49.61	≤-20.41	PASS
		2441	Reference	0.50	0.50	---	PASS
			30~1000	0.50	-60.98	≤-19.5	PASS
			1000~26500	0.50	-48.6	≤-19.5	PASS
		2480	Reference	-1.76	-1.76	---	PASS
			30~1000	-1.76	-60.48	≤-21.76	PASS
			1000~26500	-1.76	-49.02	≤-21.76	PASS



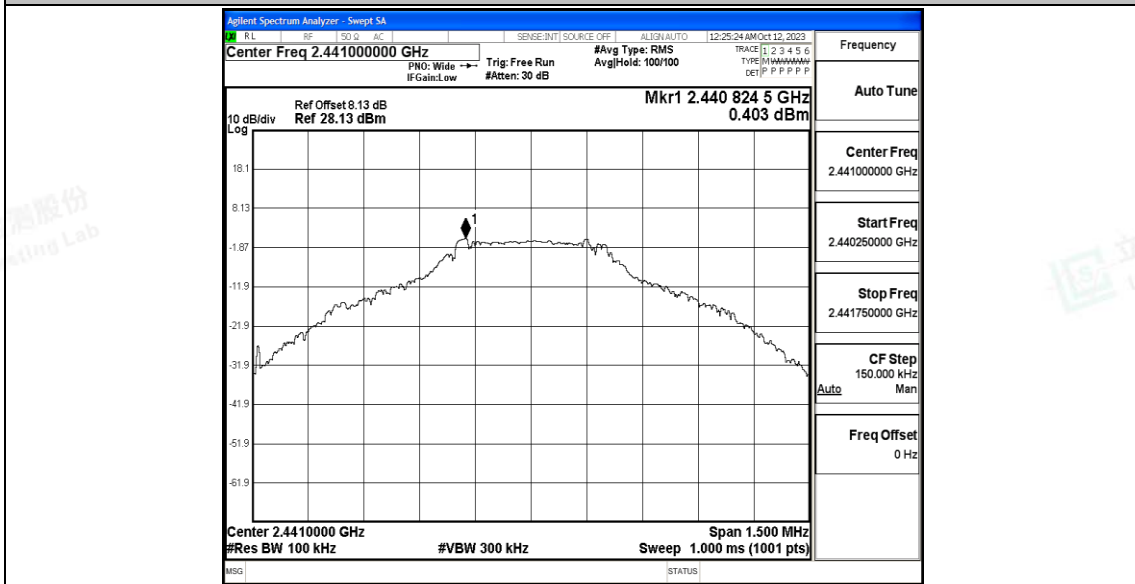


Test Graphs



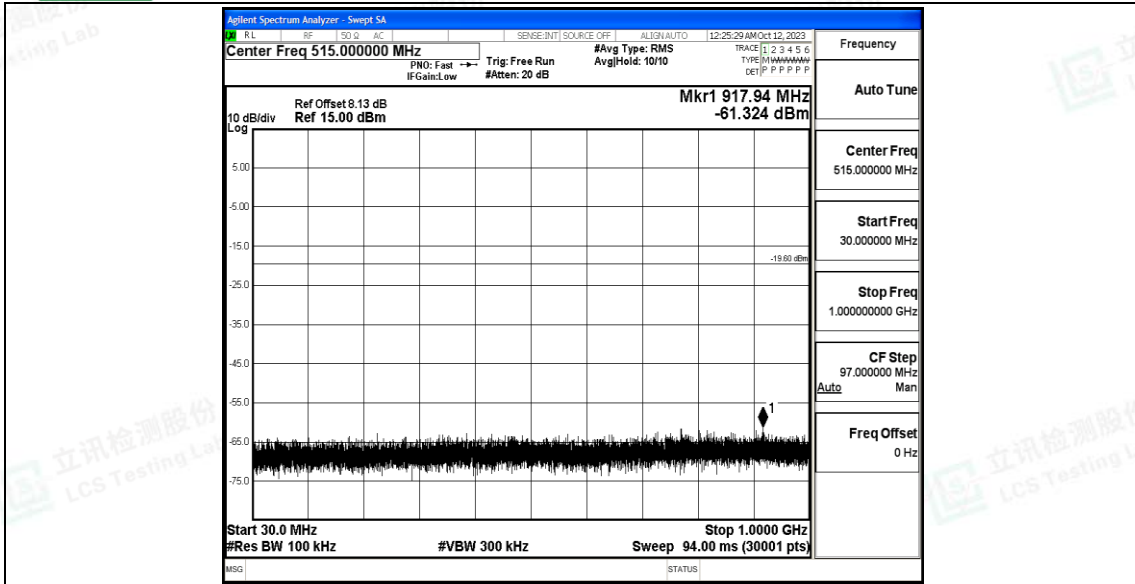


DH5_Ant1_2441_0~Reference

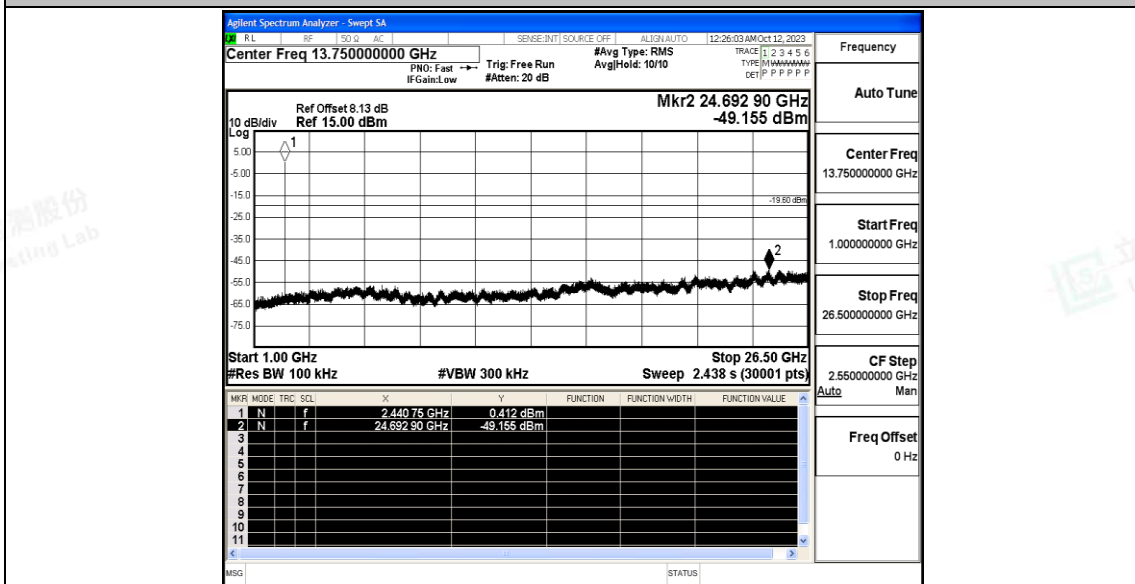


DH5_Ant1_2441_30~1000



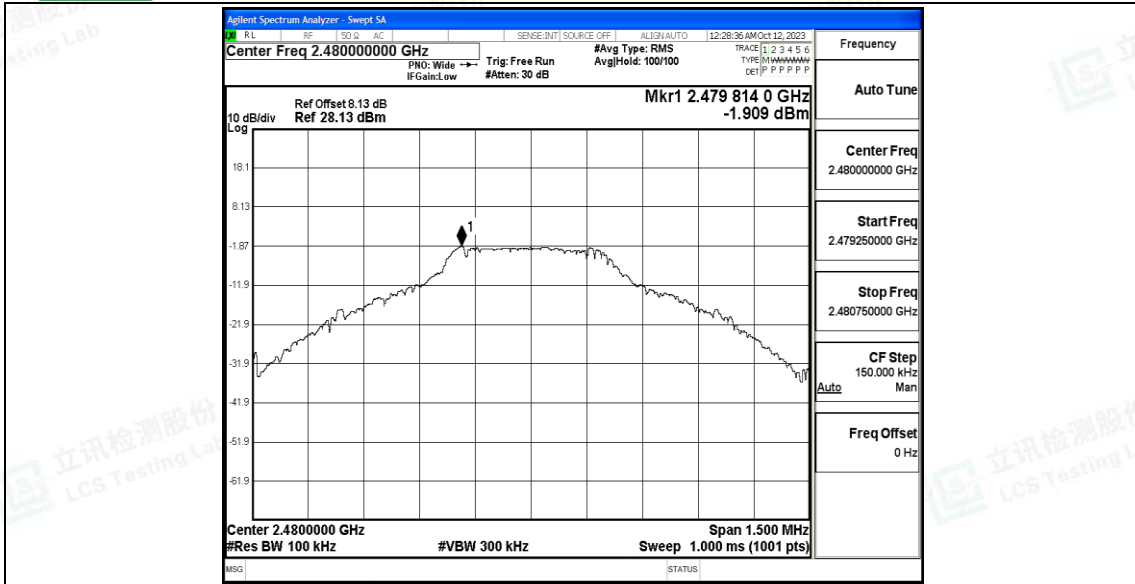


DH5_Ant1_2441_1000~26500

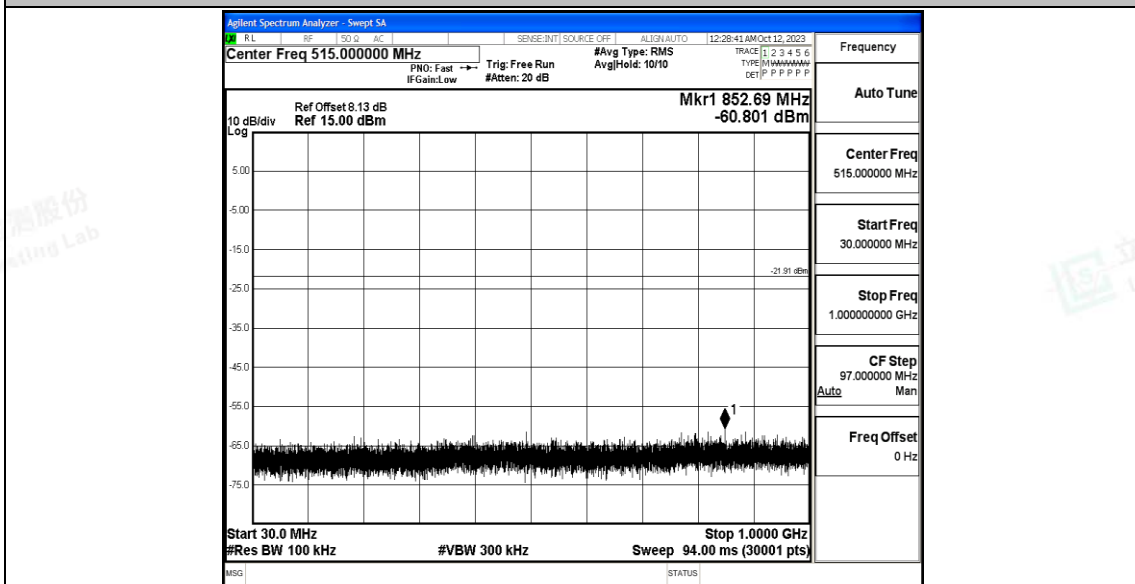


DH5_Ant1_2480_0~Reference



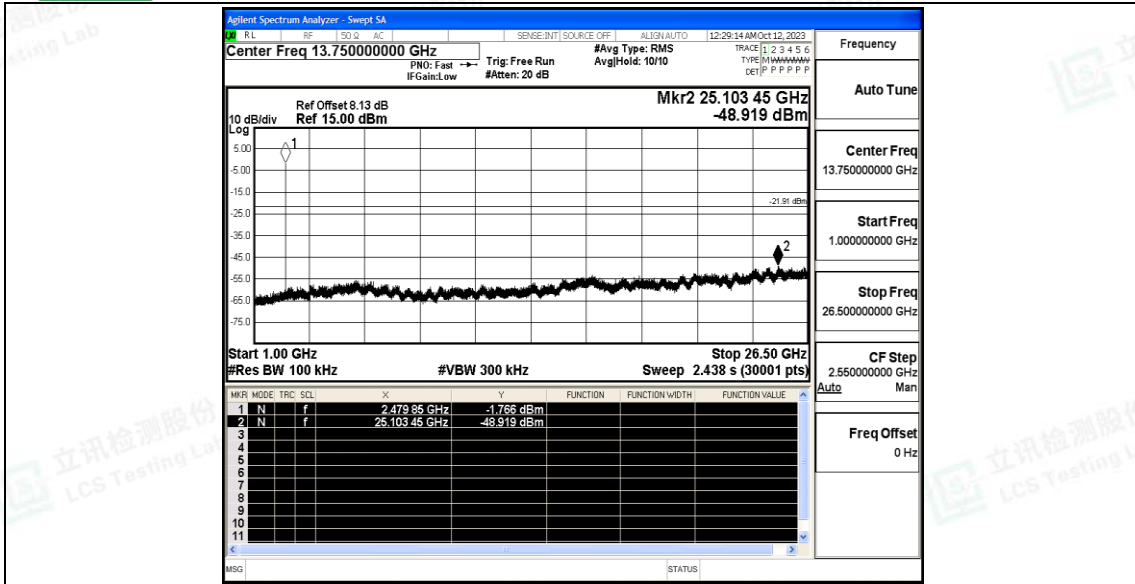


DH5_Ant1_2480_30~1000

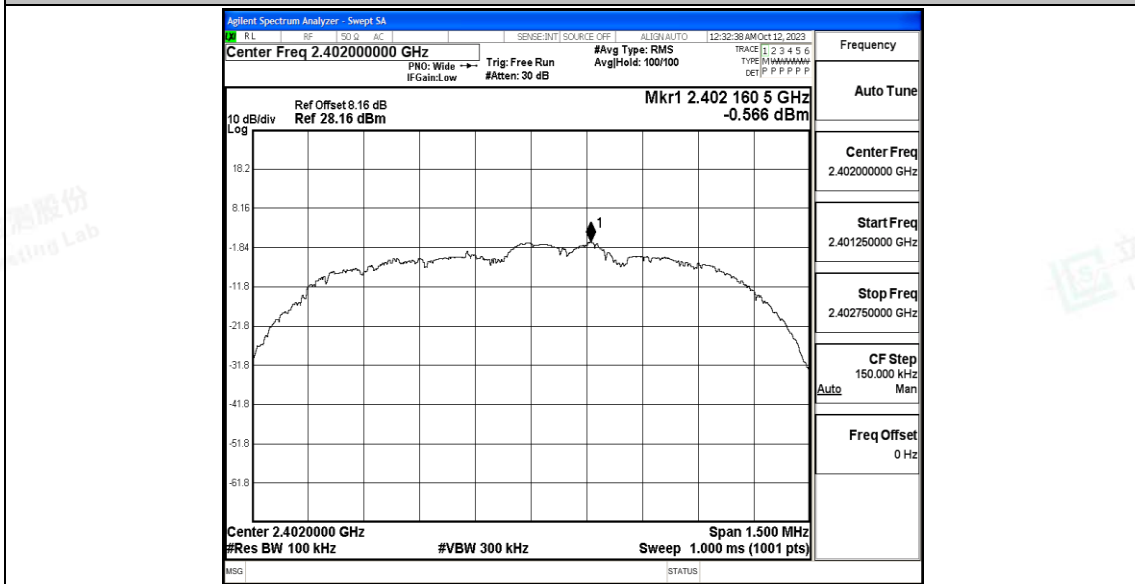


DH5_Ant1_2480_1000~26500



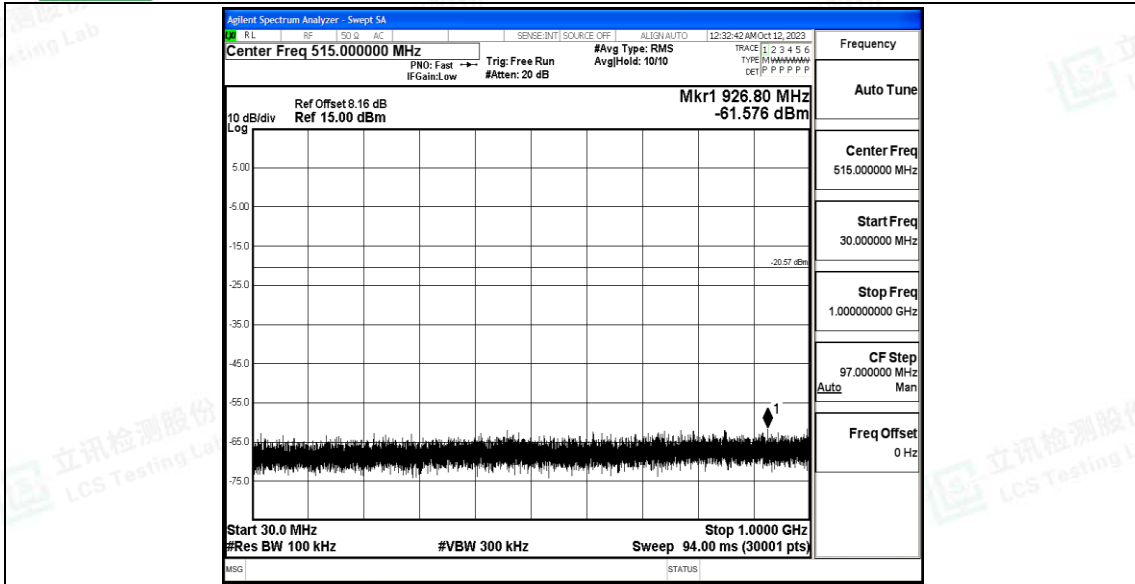


2DH5_Ant1_2402_0~Reference

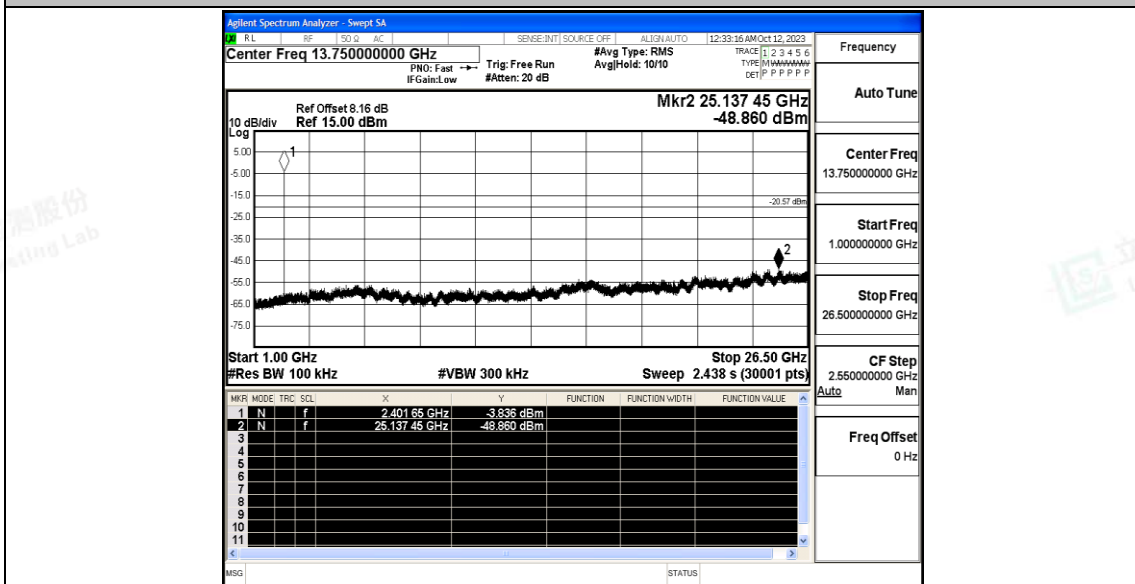


2DH5_Ant1_2402_30~1000



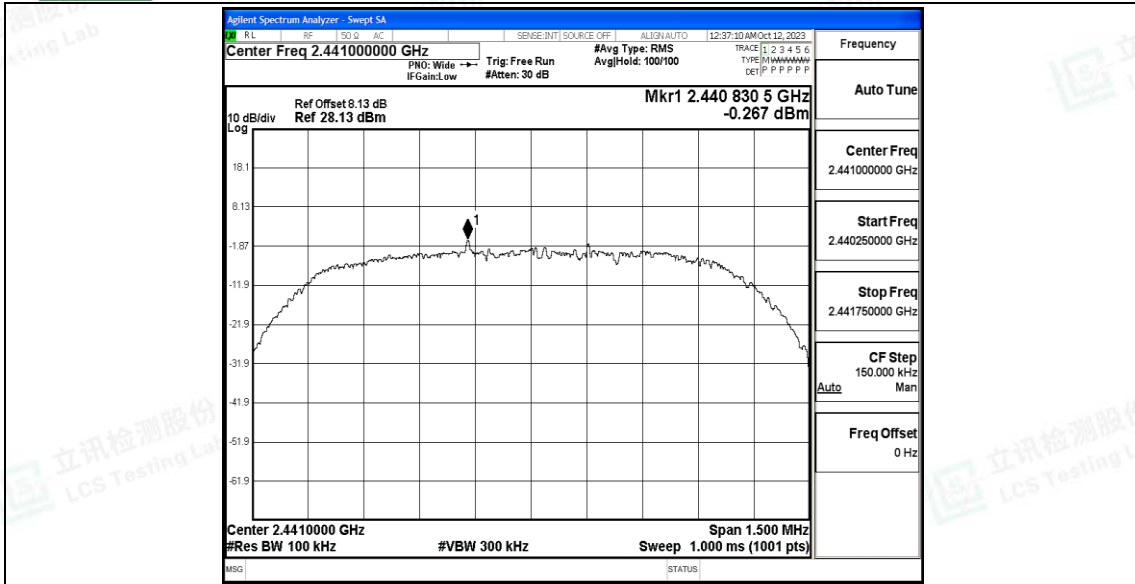


2DH5_Ant1_2402_1000~26500

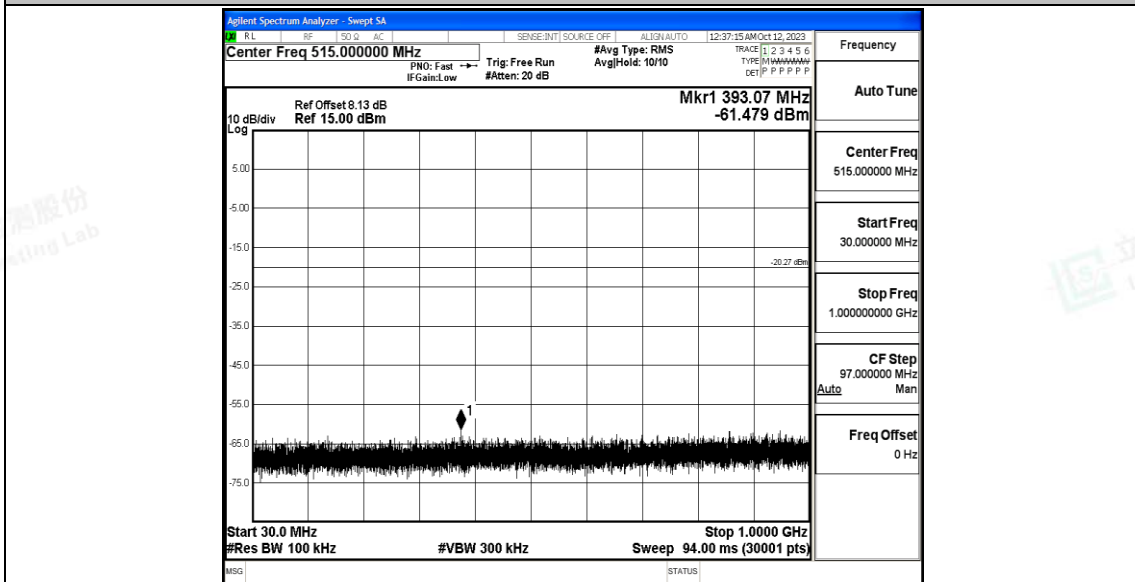


2DH5_Ant1_2441_0~Reference



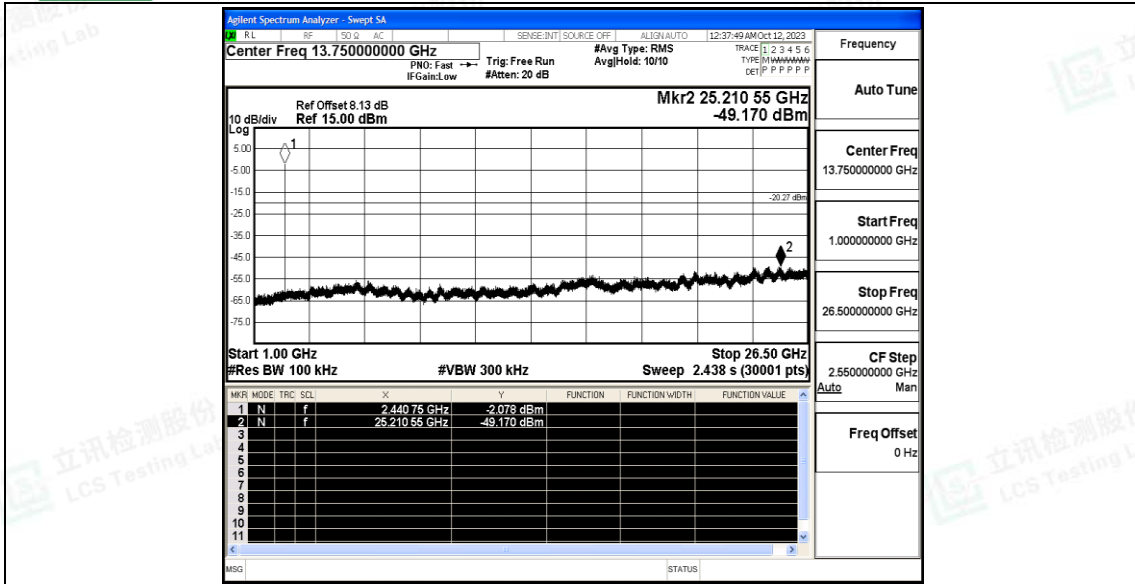


2DH5_Ant1_2441_30~1000

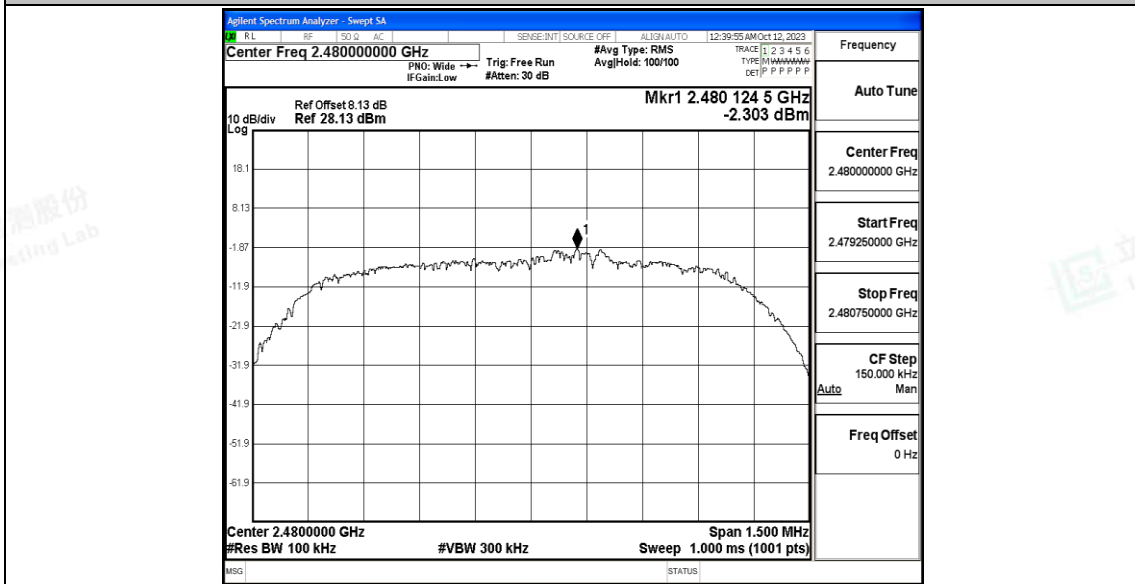


2DH5_Ant1_2441_1000~26500



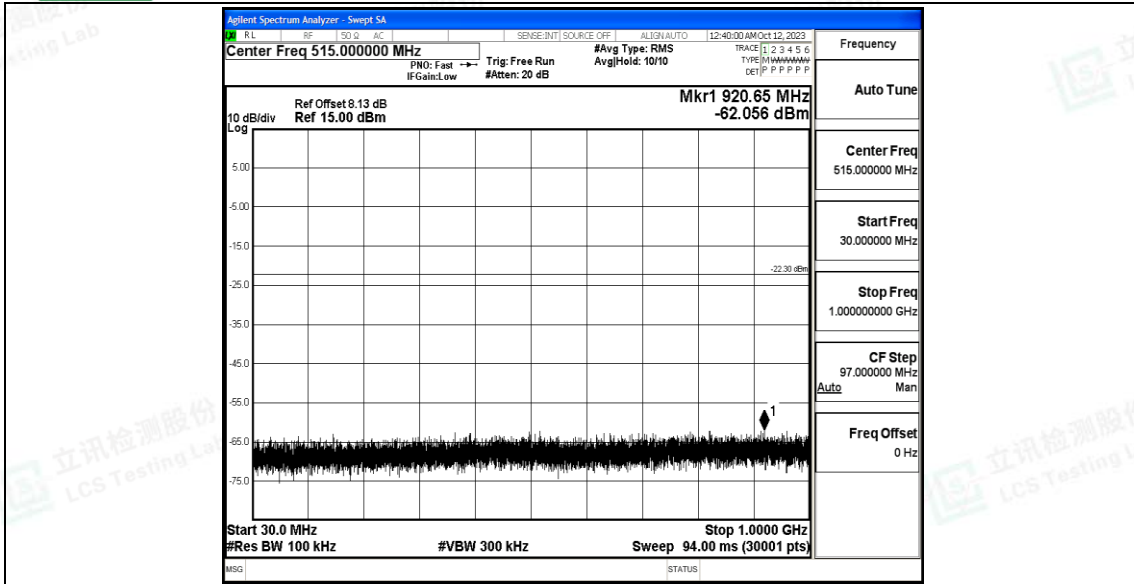


2DH5_Ant1_2480_0~Reference

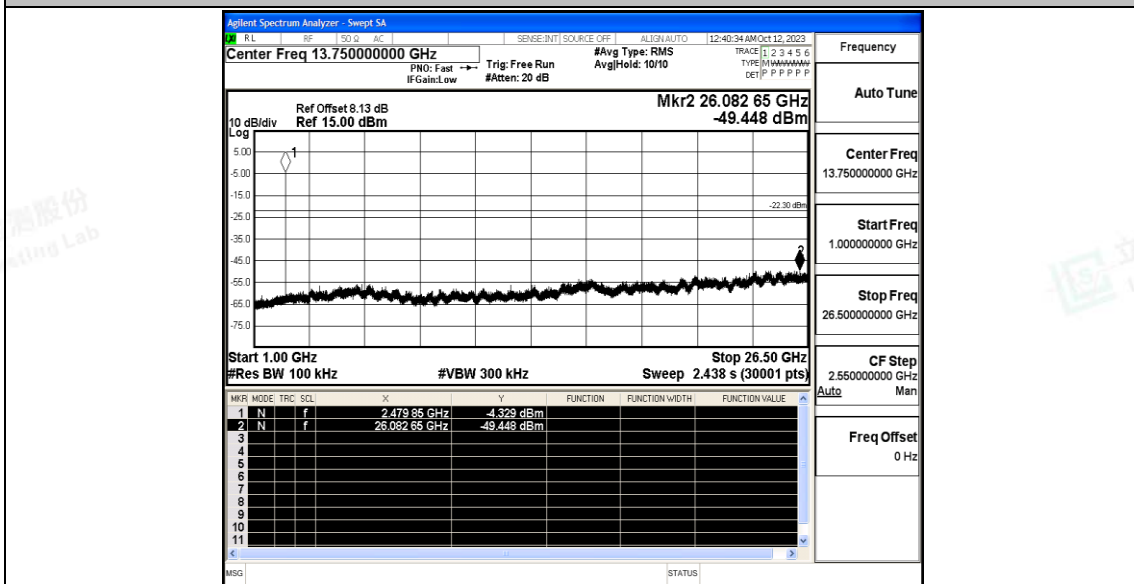


2DH5_Ant1_2480_30~1000



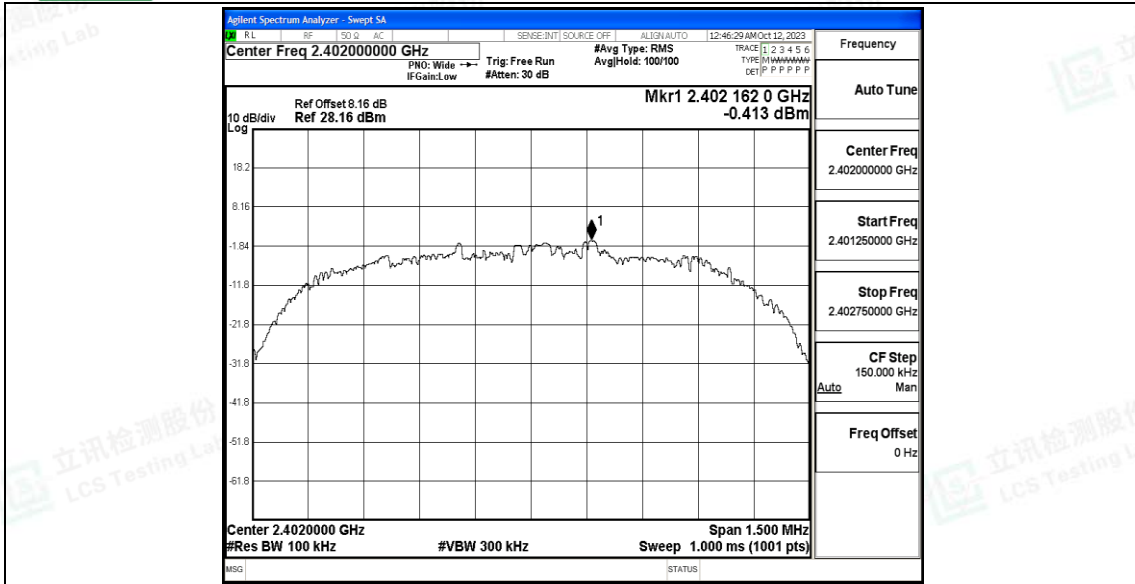


2DH5_Ant1_2480_1000~26500

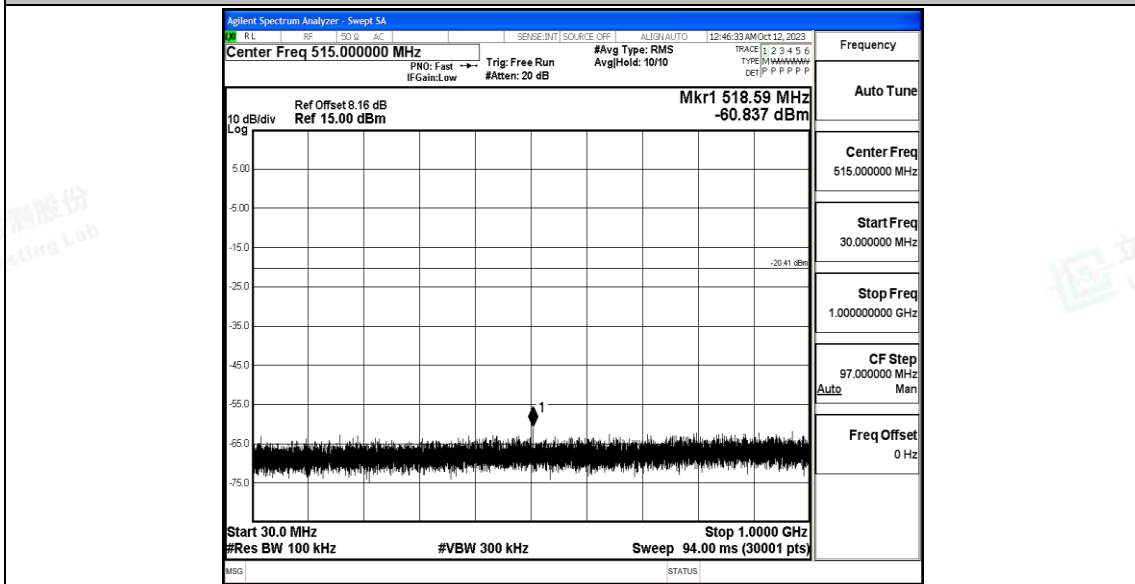


3DH5_Ant1_2402_0~Reference



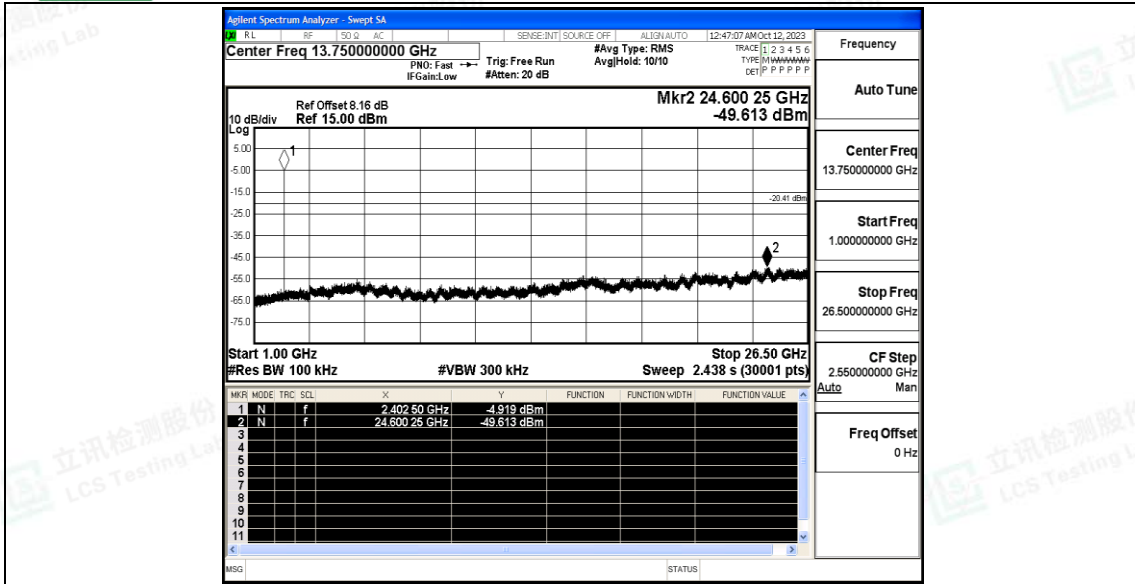


3DH5_Ant1_2402_30~1000

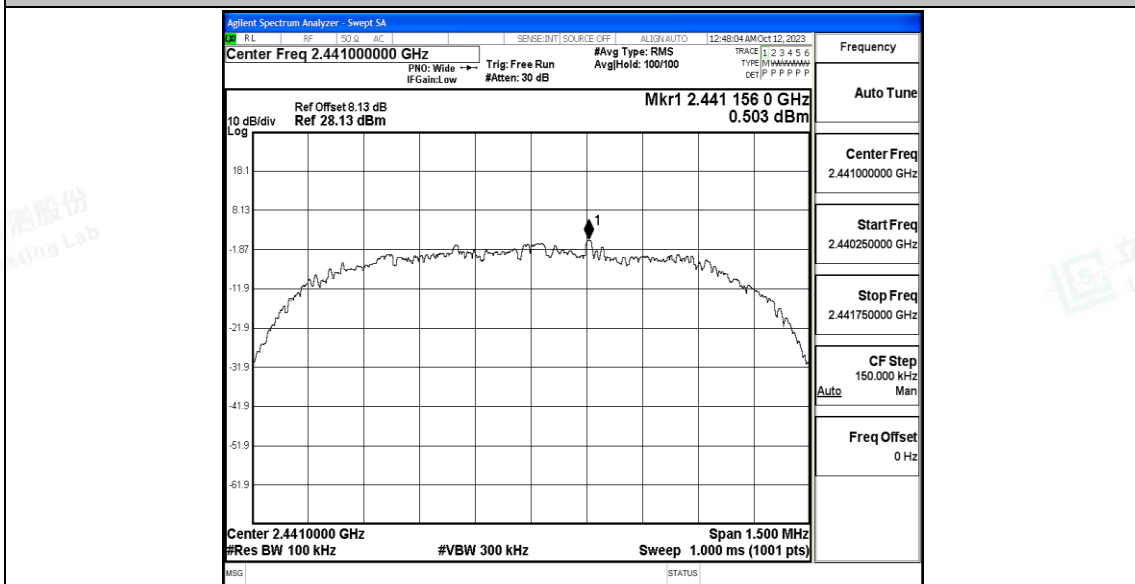


3DH5_Ant1_2402_1000~26500



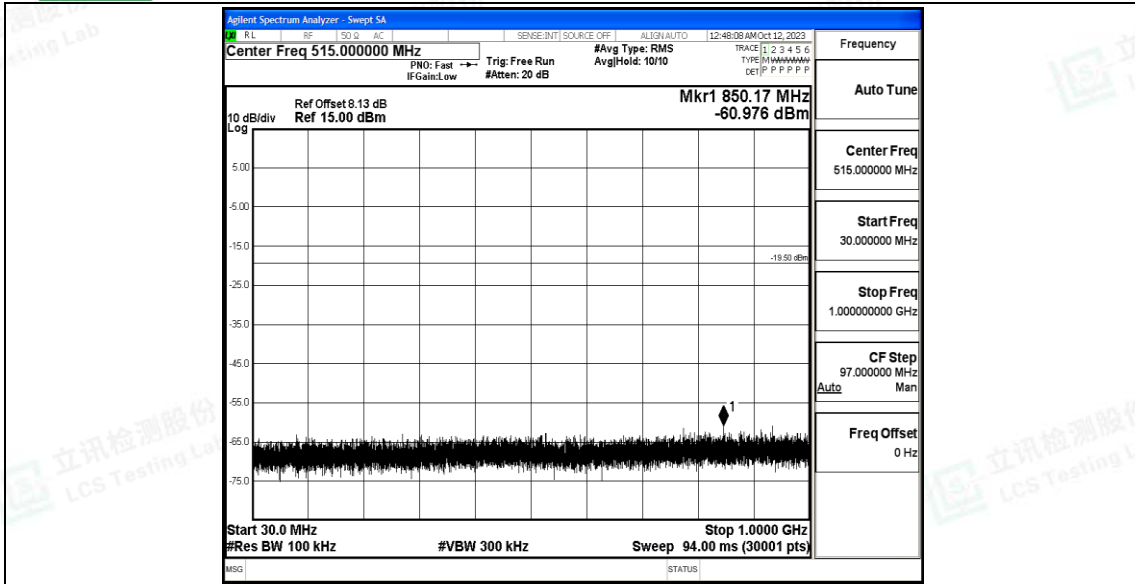


3DH5_Ant1_2441_0~Reference

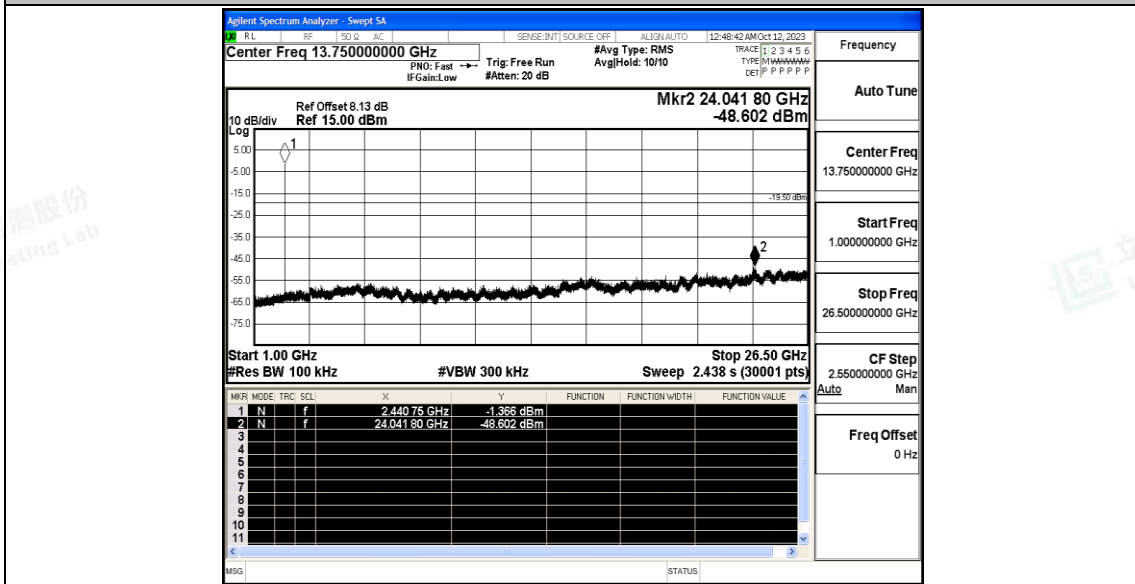


3DH5_Ant1_2441_30~1000



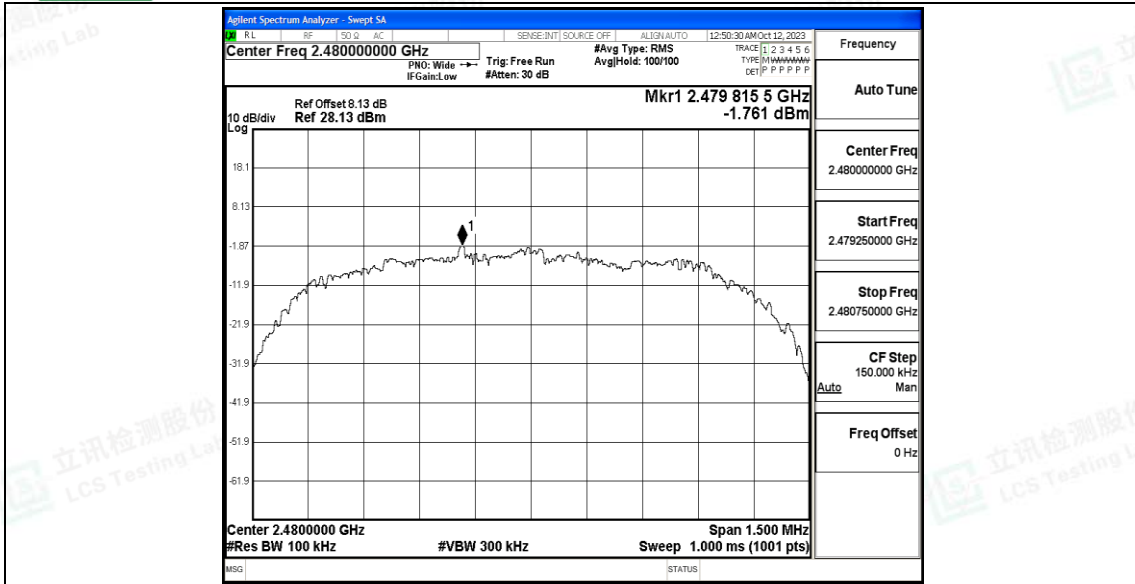


3DH5_Ant1_2441_1000~26500

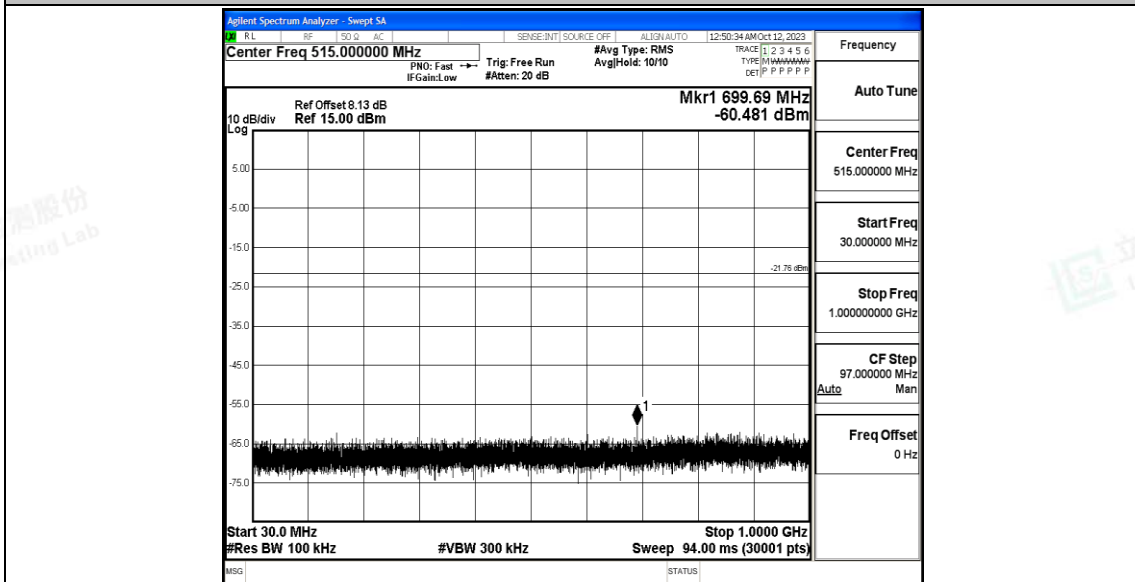


3DH5_Ant1_2480_0~Reference



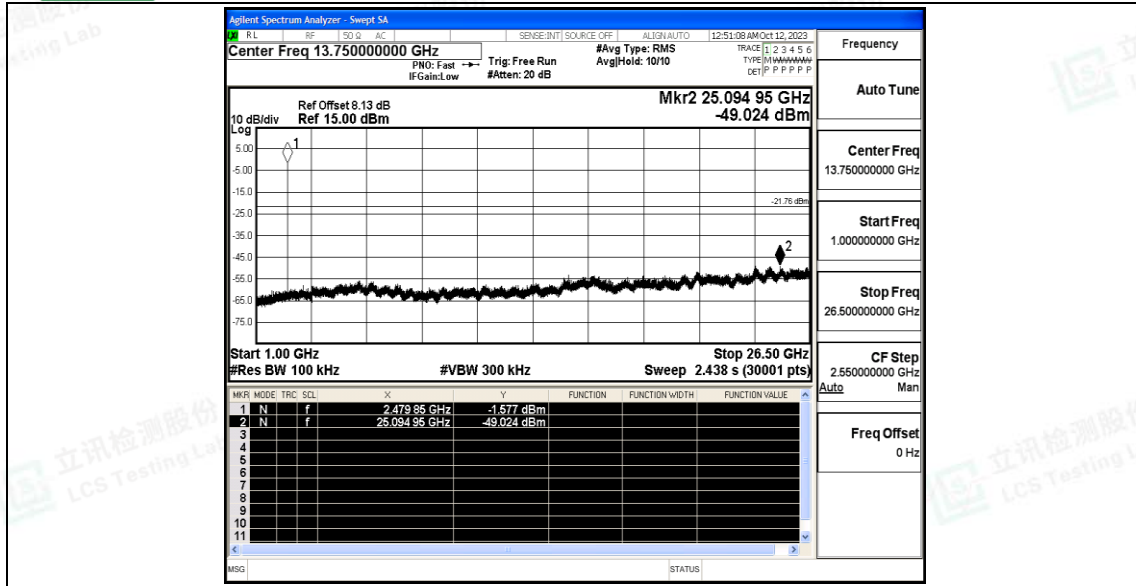


3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500







A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.96	≤-41.20	PASS
				AV	2388.410	-48.48	≤-41.20	PASS
				AV	2390.000	-48.74	≤-41.20	PASS
				Peak	2310.000	-42.95	≤-21.20	PASS
				Peak	2382.950	-39.89	≤-21.20	PASS
				Peak	2390.000	-42.92	≤-21.20	PASS
		High	2480	AV	2483.500	-48.38	≤-41.20	PASS
				AV	2483.520	-48.38	≤-41.20	PASS
				AV	2500.000	-48.52	≤-41.20	PASS
				Peak	2483.500	-43.49	≤-21.20	PASS
				Peak	2498.080	-40.05	≤-21.20	PASS
				Peak	2500.000	-43.4	≤-21.20	PASS
		Low	Hop_24 02	Peak	2310.000	-41.62	≤-21.20	PASS
				Peak	2379.380	-37.65	≤-21.20	PASS
				Peak	2390.000	-39.8	≤-21.20	PASS
		High	Hop_24 80	Peak	2483.500	-38.7	≤-21.20	PASS
				Peak	2496.160	-37.81	≤-21.20	PASS
				Peak	2500.000	-39.1	≤-21.20	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.95	≤-41.20	PASS
				AV	2377.490	-48.51	≤-41.20	PASS
				AV	2390.000	-48.66	≤-41.20	PASS
				Peak	2310.000	-45.4	≤-21.20	PASS
				Peak	2389.565	-38.46	≤-21.20	PASS
				Peak	2390.000	-43.95	≤-21.20	PASS
		High	2480	AV	2483.500	-48	≤-41.20	PASS
				AV	2483.520	-48	≤-41.20	PASS
				AV	2500.000	-48.56	≤-41.20	PASS
				Peak	2483.500	-43.67	≤-21.20	PASS
				Peak	2492.160	-40.24	≤-21.20	PASS
				Peak	2500.000	-44.09	≤-21.20	PASS
		Low	Hop_24 02	Peak	2310.000	-40.99	≤-21.20	PASS
				Peak	2348.615	-38.22	≤-21.20	PASS
				Peak	2390.000	-41.69	≤-21.20	PASS
		High	Hop_24	Peak	2483.500	-40.04	≤-21.20	PASS





3DH5	Ant1		80	Peak	2496.880	-38.16	≤-21.20	PASS
				Peak	2500.000	-40.78	≤-21.20	PASS
		Low	2402	AV	2310.000	-48.89	≤-41.20	PASS
				AV	2383.895	-48.52	≤-41.20	PASS
				AV	2390.000	-48.68	≤-41.20	PASS
				Peak	2310.000	-43.1	≤-21.20	PASS
				Peak	2389.670	-39.39	≤-21.20	PASS
				Peak	2390.000	-44.25	≤-21.20	PASS
		High	2480	AV	2483.500	-47.83	≤-41.20	PASS
				AV	2483.520	-47.83	≤-41.20	PASS
				AV	2500.000	-48.44	≤-41.20	PASS
				Peak	2483.500	-42.87	≤-21.20	PASS
				Peak	2494.960	-39.05	≤-21.20	PASS
				Peak	2500.000	-42.59	≤-21.20	PASS
		Low	Hop_24 02	Peak	2310.000	-40.42	≤-21.20	PASS
				Peak	2375.285	-38.54	≤-21.20	PASS
				Peak	2390.000	-41.28	≤-21.20	PASS
		High	Hop_24 80	Peak	2483.500	-40.66	≤-21.20	PASS
				Peak	2498.160	-38.08	≤-21.20	PASS
				Peak	2500.000	-38.97	≤-21.20	PASS

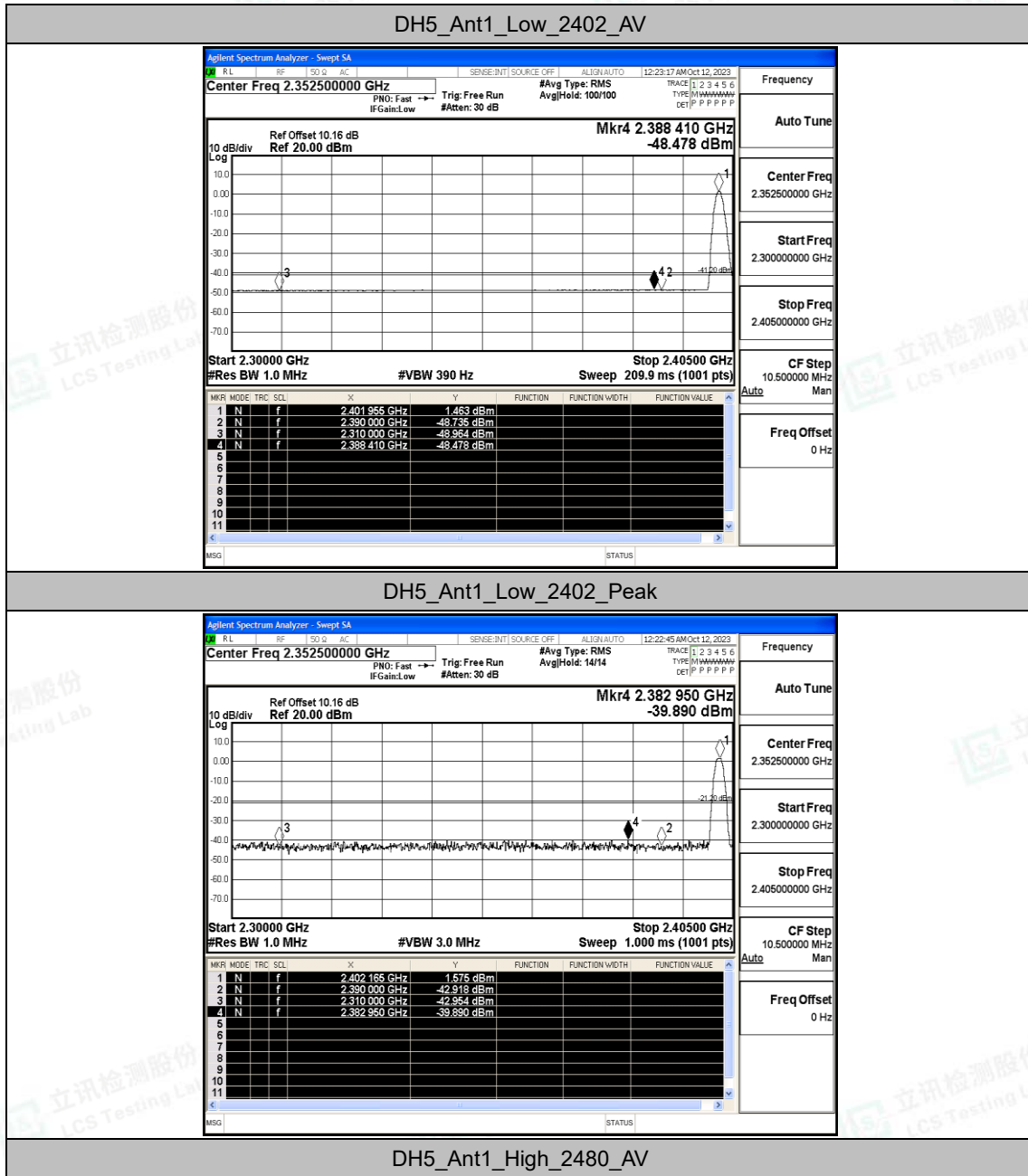
Note:

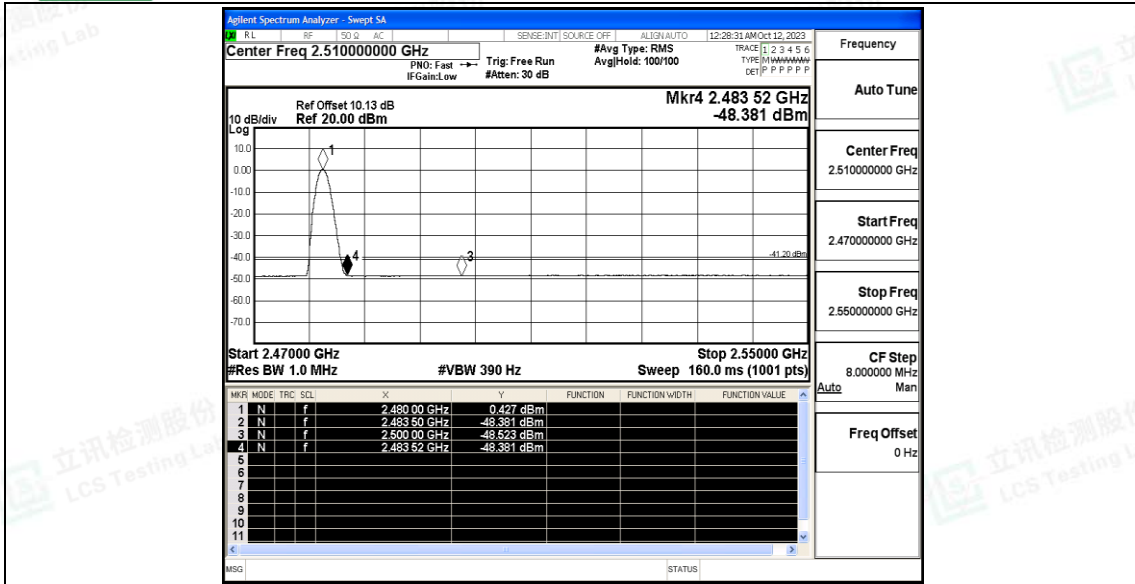
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



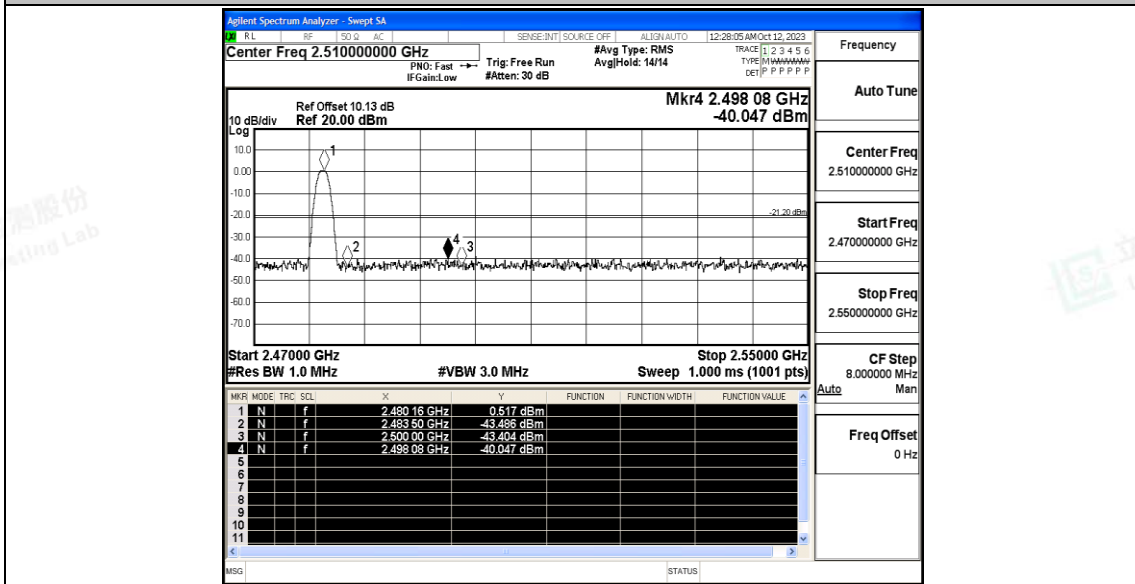


Test Graphs



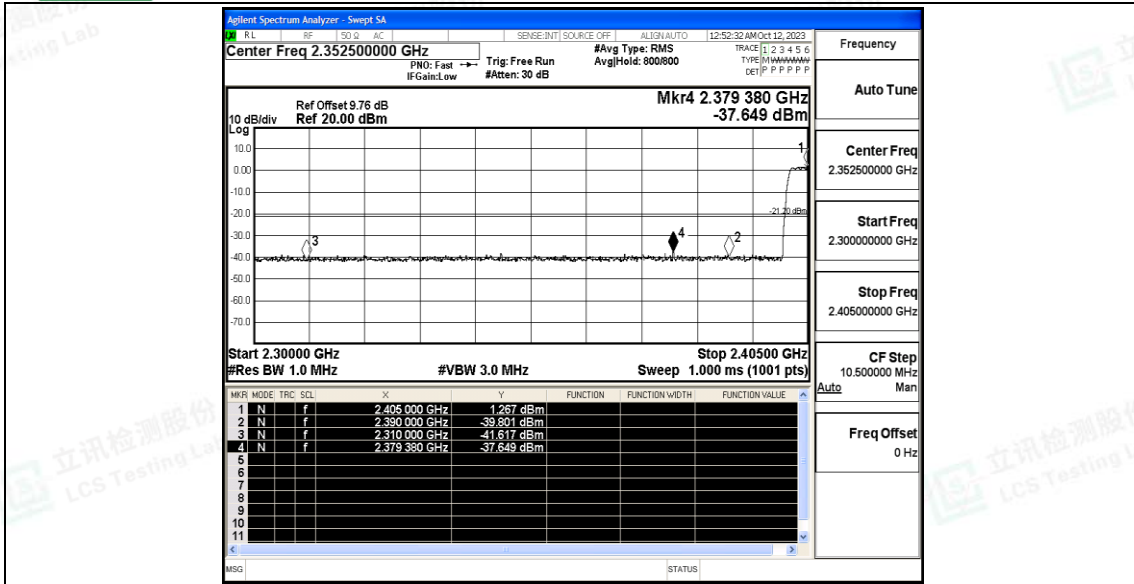


DH5_Ant1_High_2480_Peak

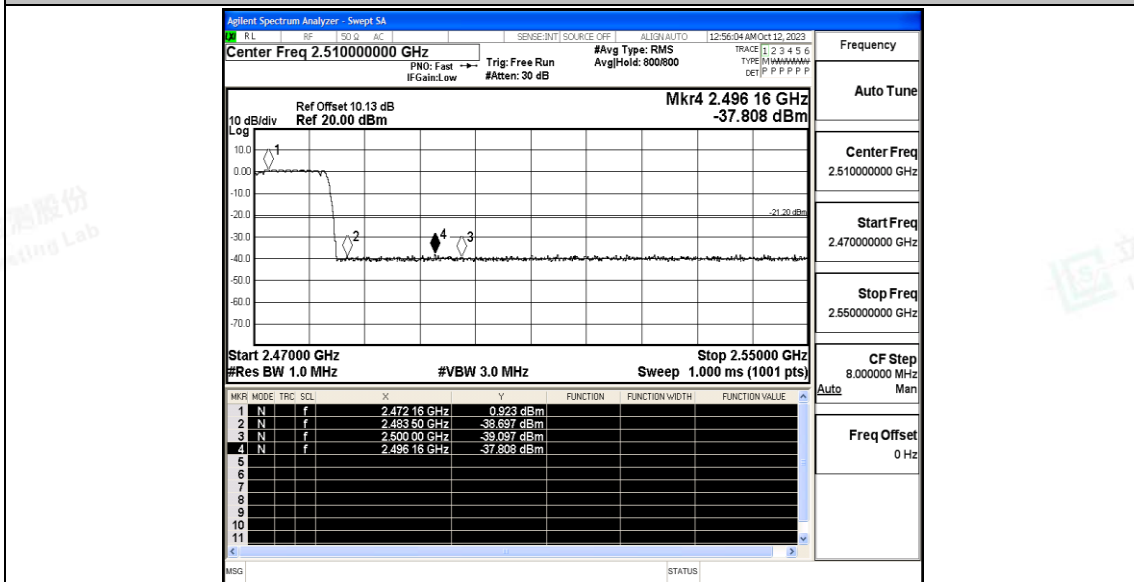


DH5_Ant1_Low_Hop_2402_Peak



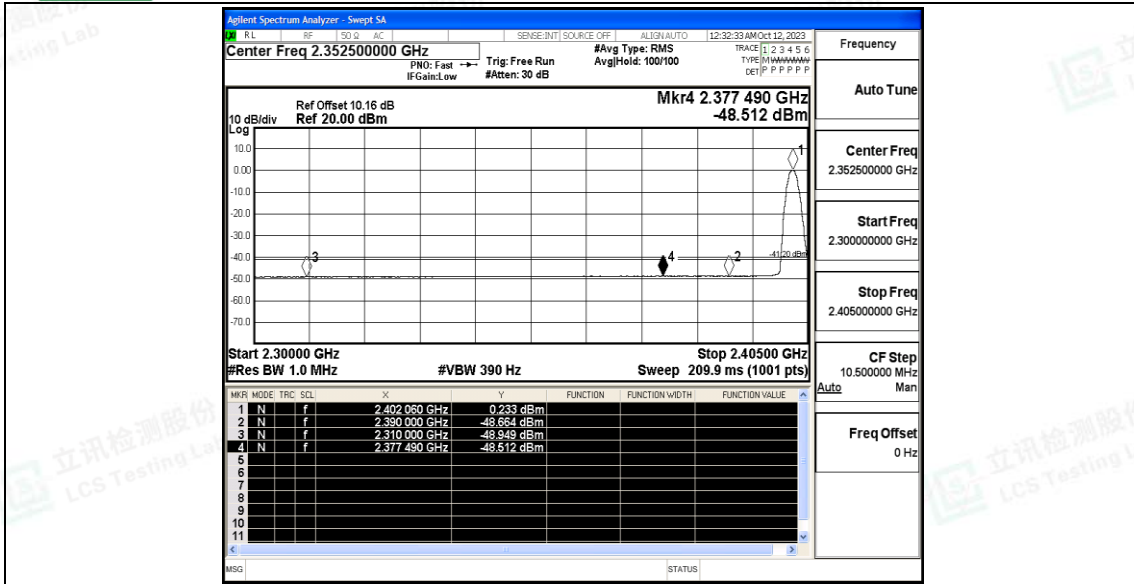


DH5_Ant1_High_Hop_2480_Peak

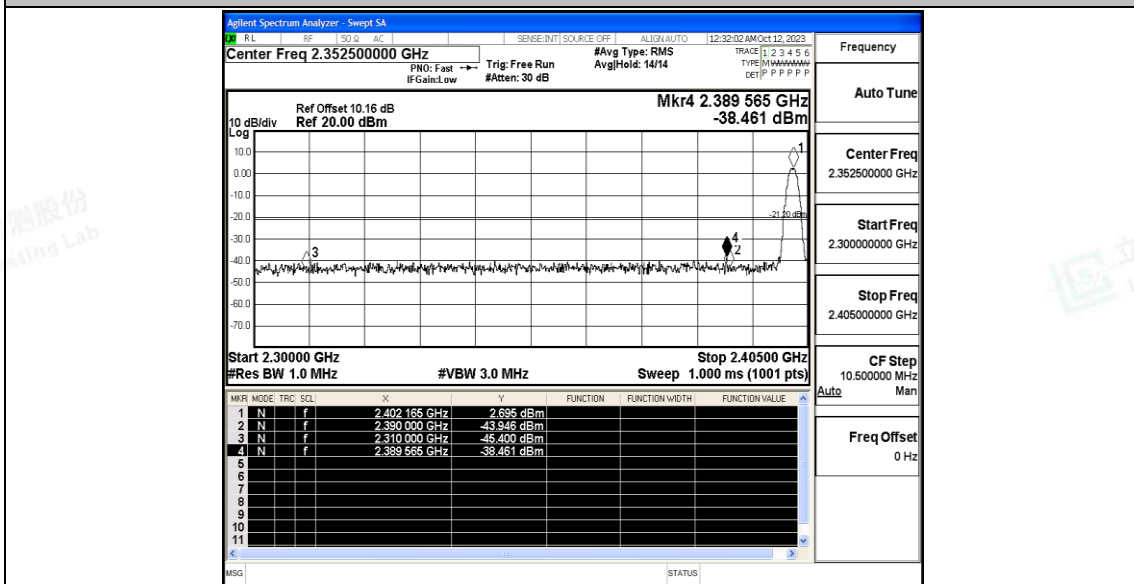


2DH5_Ant1_Low_2402_AV



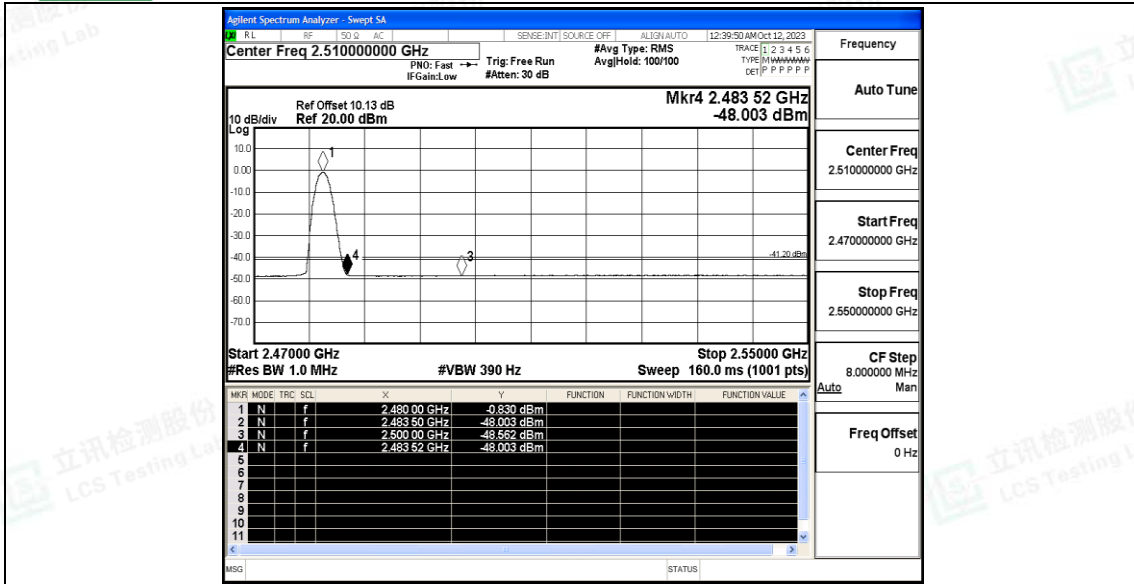


2DH5_Ant1_Low_2402_Peak

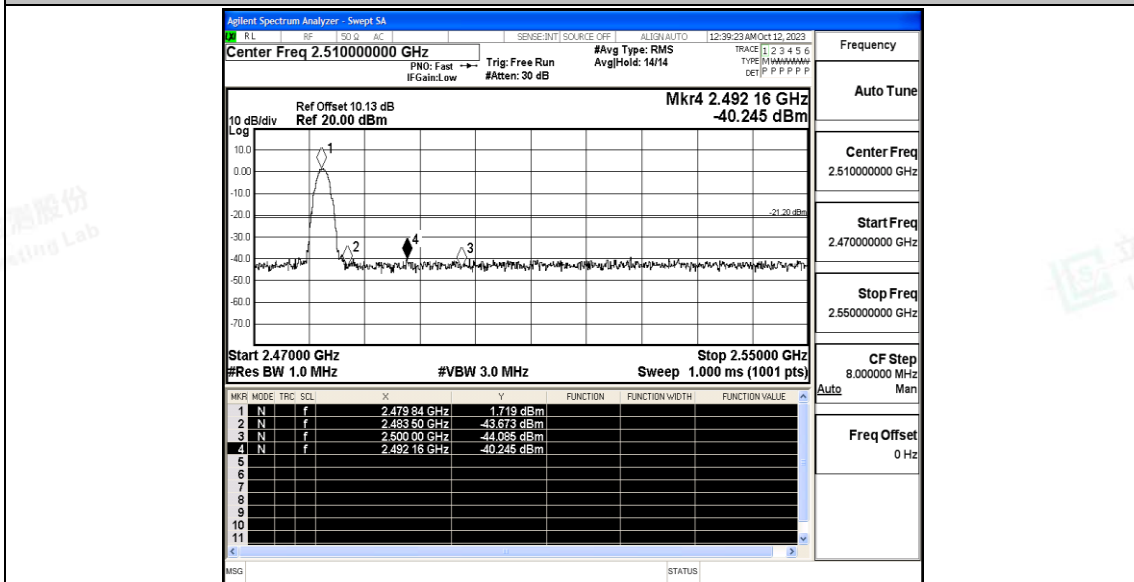


2DH5_Ant1_High_2480_AV





2DH5_Ant1_High_2480_Peak



2DH5_Ant1_Low_Hop_2402_Peak

