



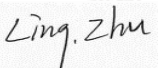
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: TABLET PC

Test Model: PicassoTab X

Environmental Conditions

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





A.1 20dB Emission Bandwidth

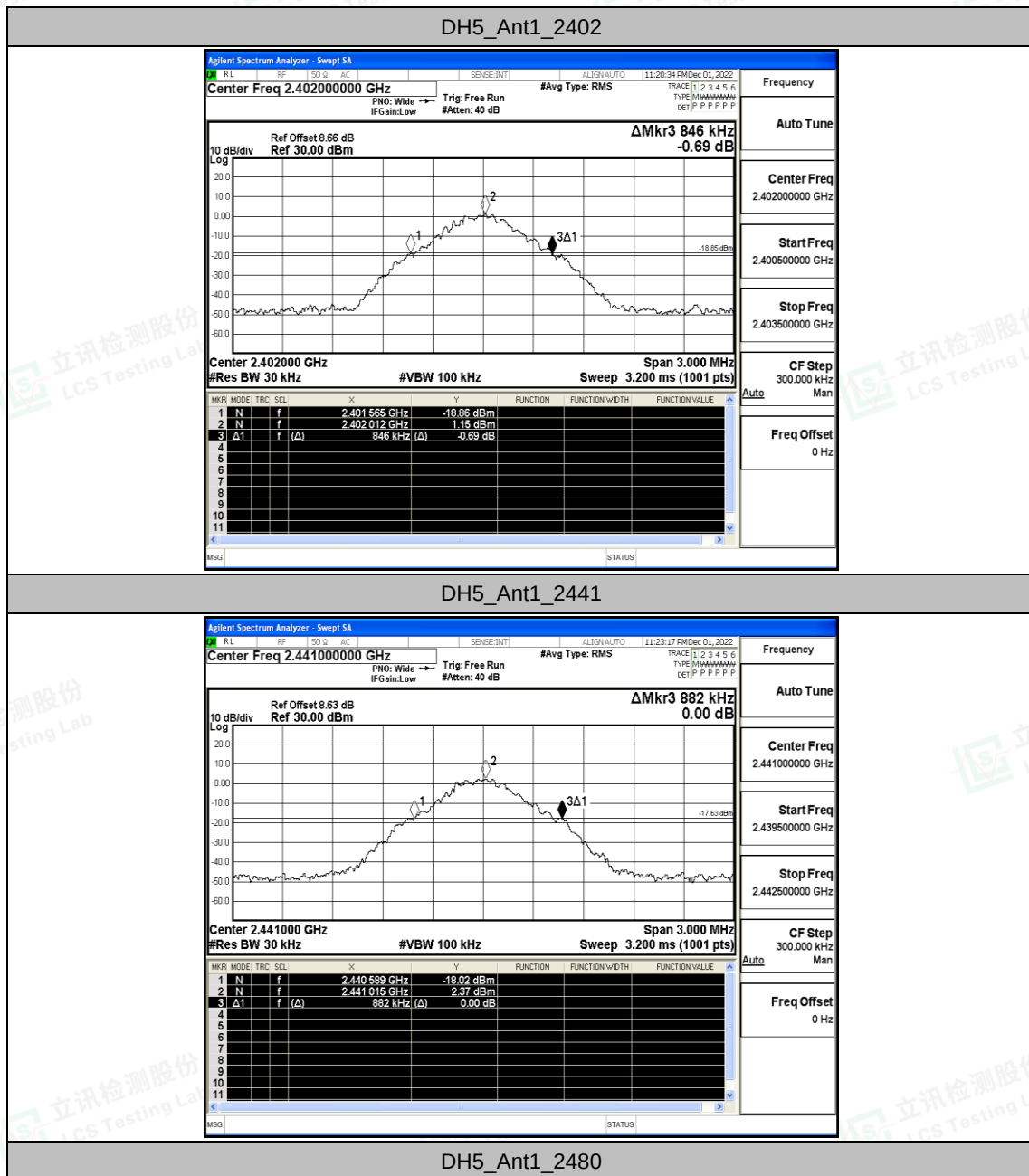
Test Result

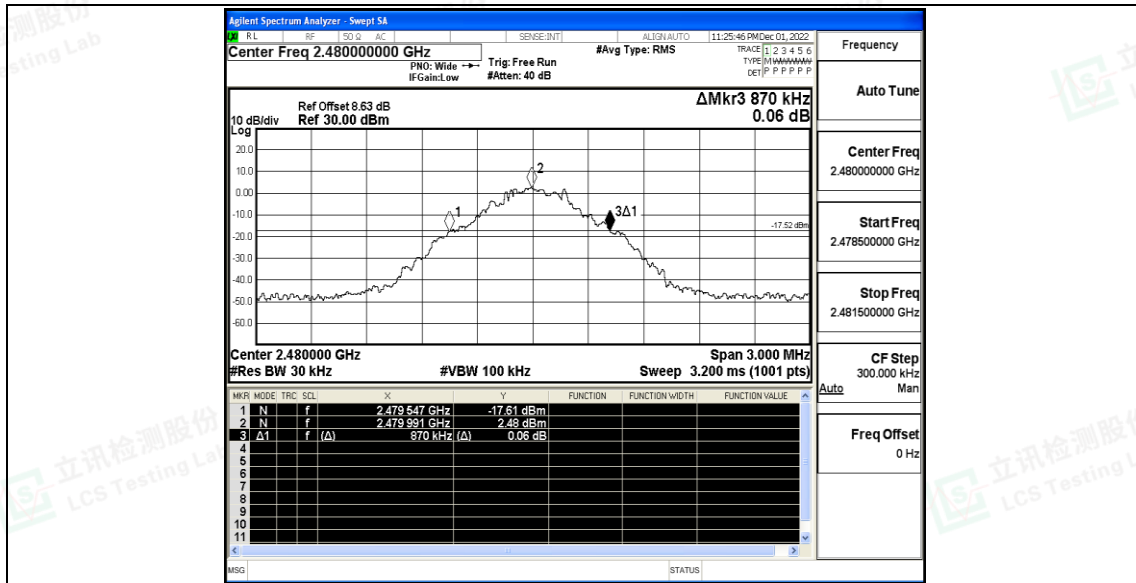
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.846	2401.565	2402.411	PASS
		2441	0.882	2440.589	2441.471	PASS
		2480	0.870	2479.547	2480.417	PASS
2DH5	Ant1	2402	1.347	2401.325	2402.672	PASS
		2441	1.314	2440.340	2441.654	PASS
		2480	1.269	2479.385	2480.654	PASS
3DH5	Ant1	2402	1.290	2401.352	2402.642	PASS
		2441	1.287	2440.352	2441.639	PASS
		2480	1.299	2479.349	2480.648	PASS



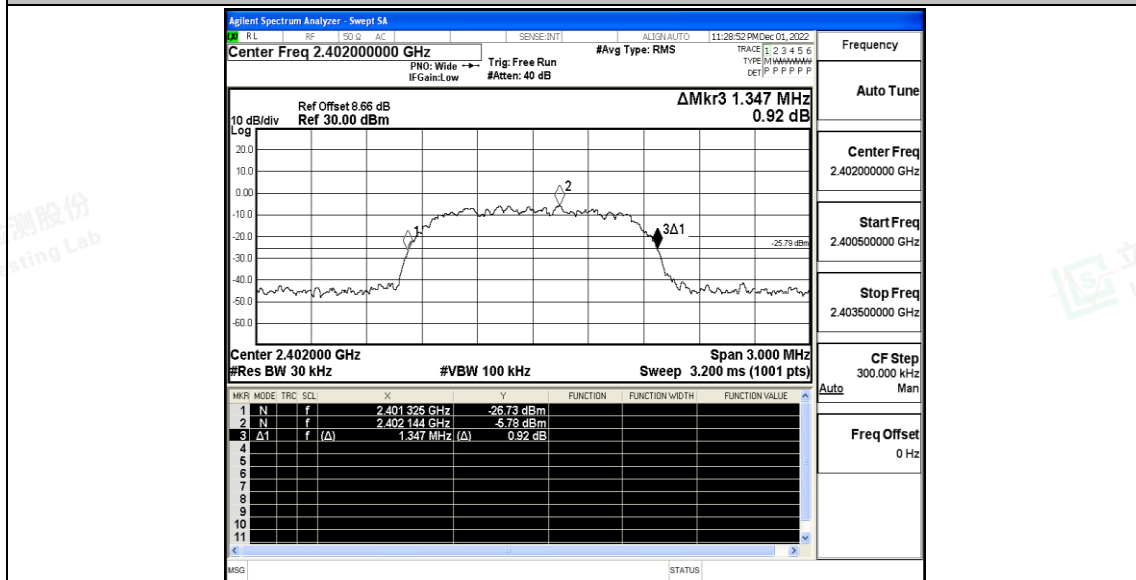


Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441

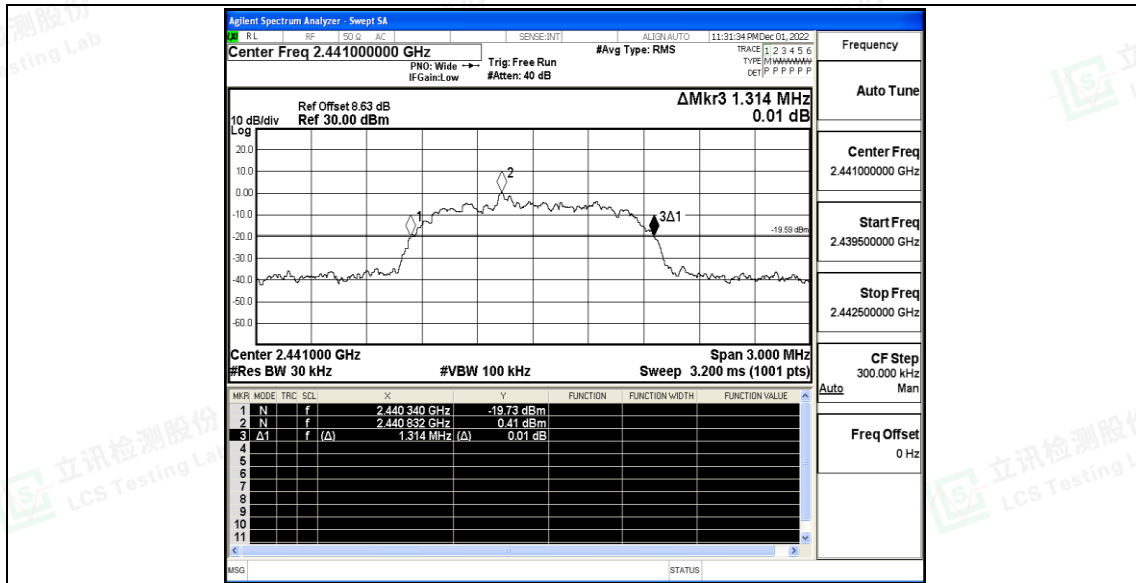


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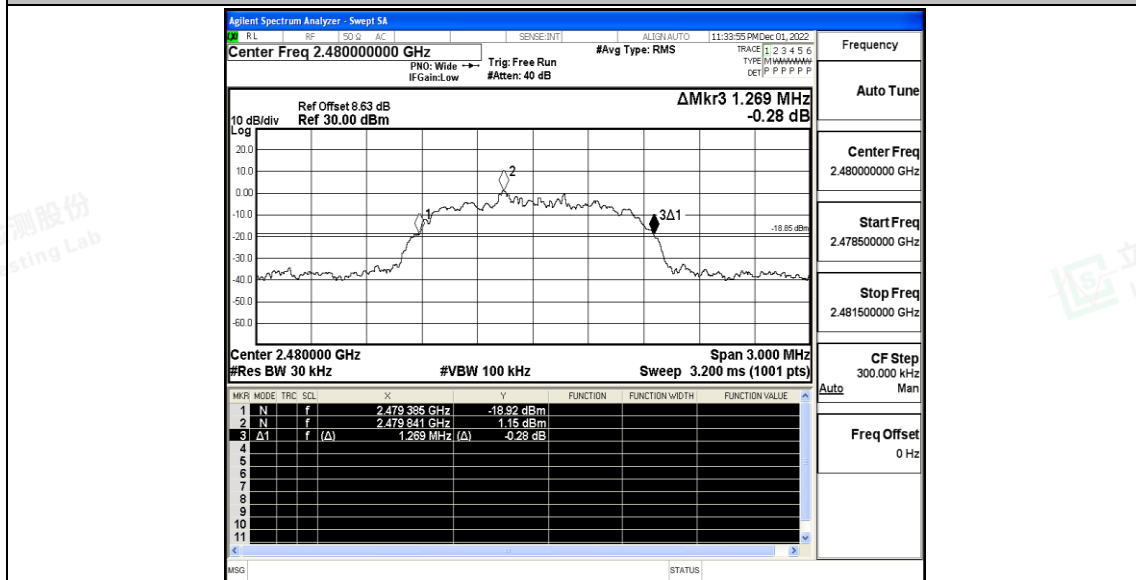
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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2DH5_Ant1_2480



3DH5_Ant1_2402

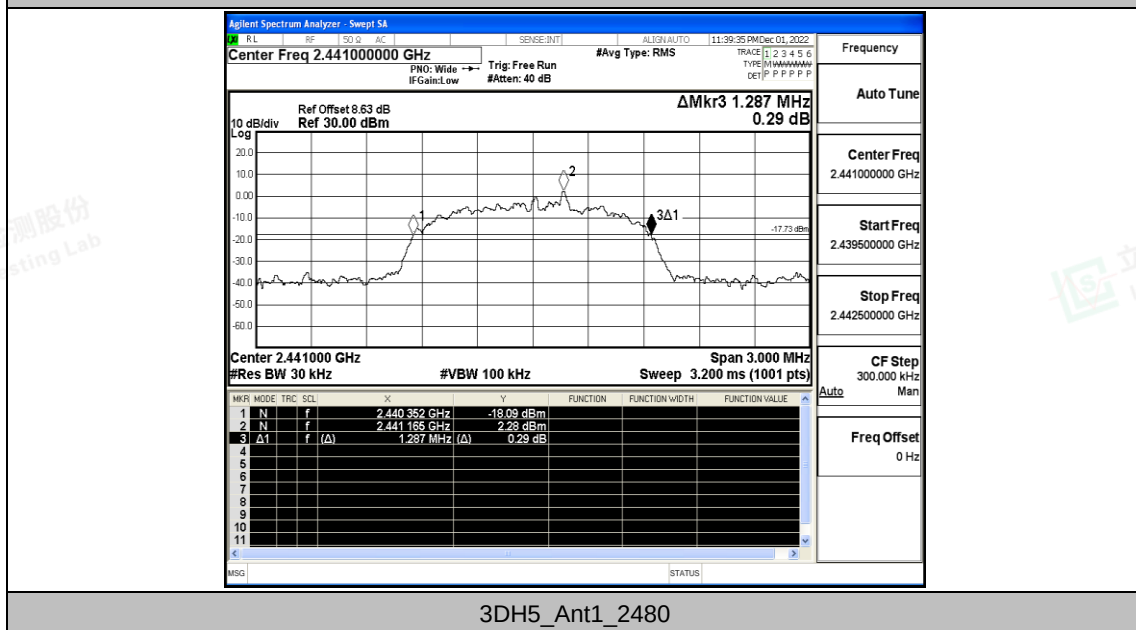
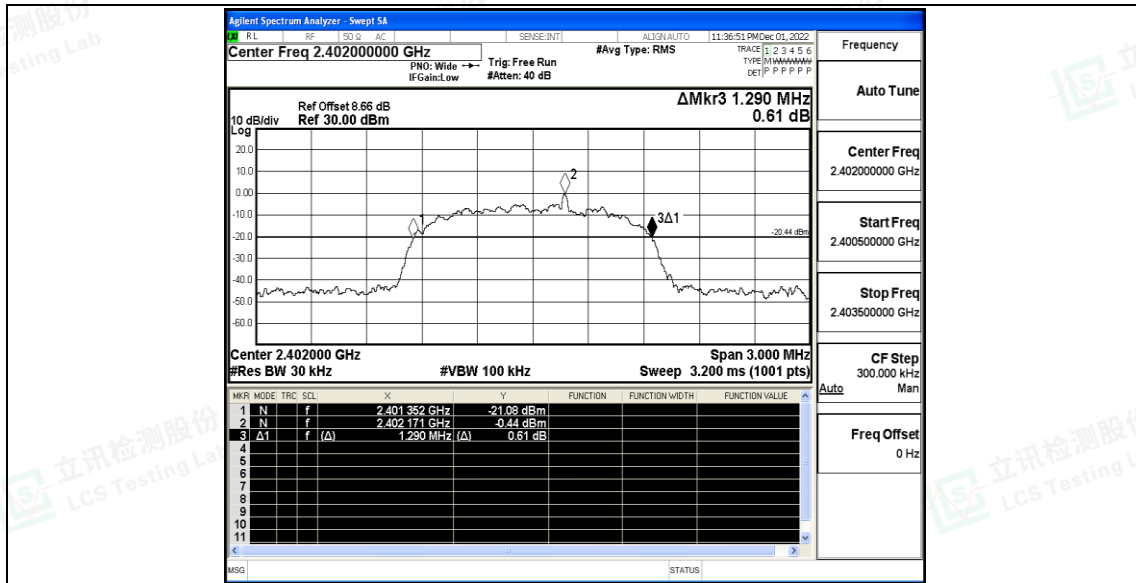


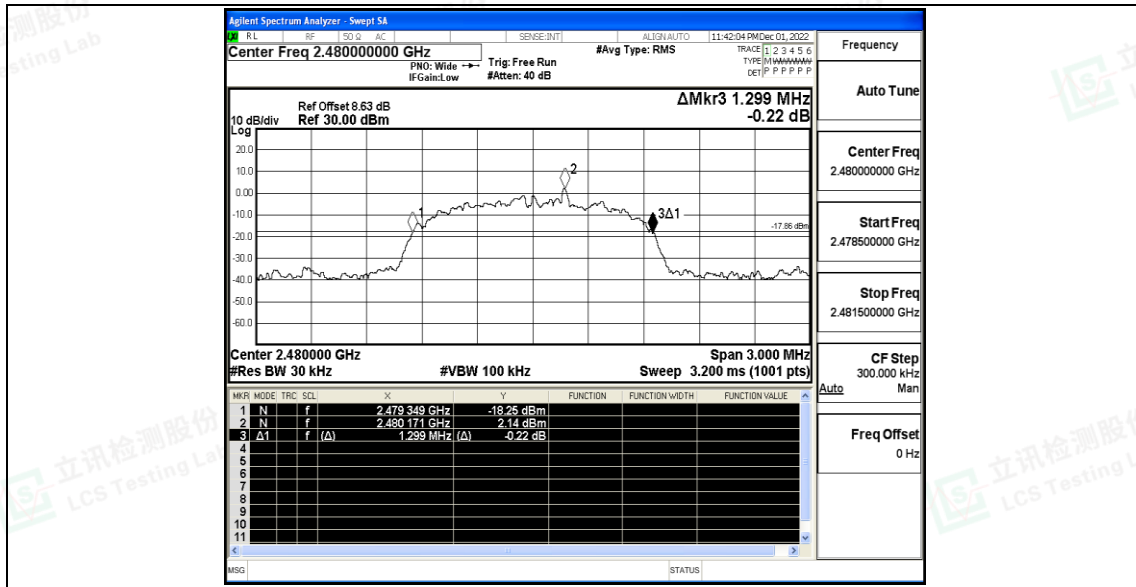
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A.2 Maximum conducted output power

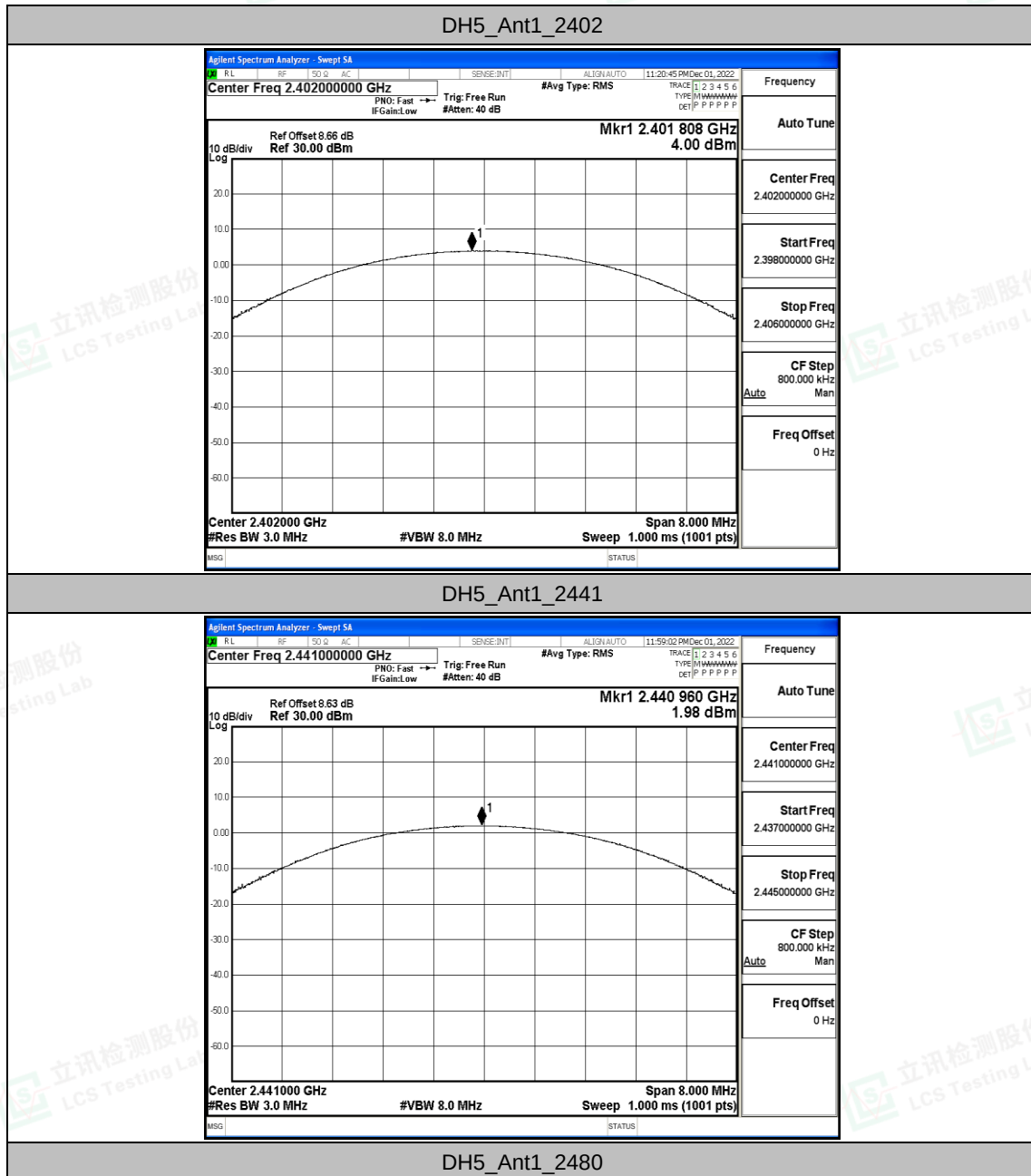
Test Result

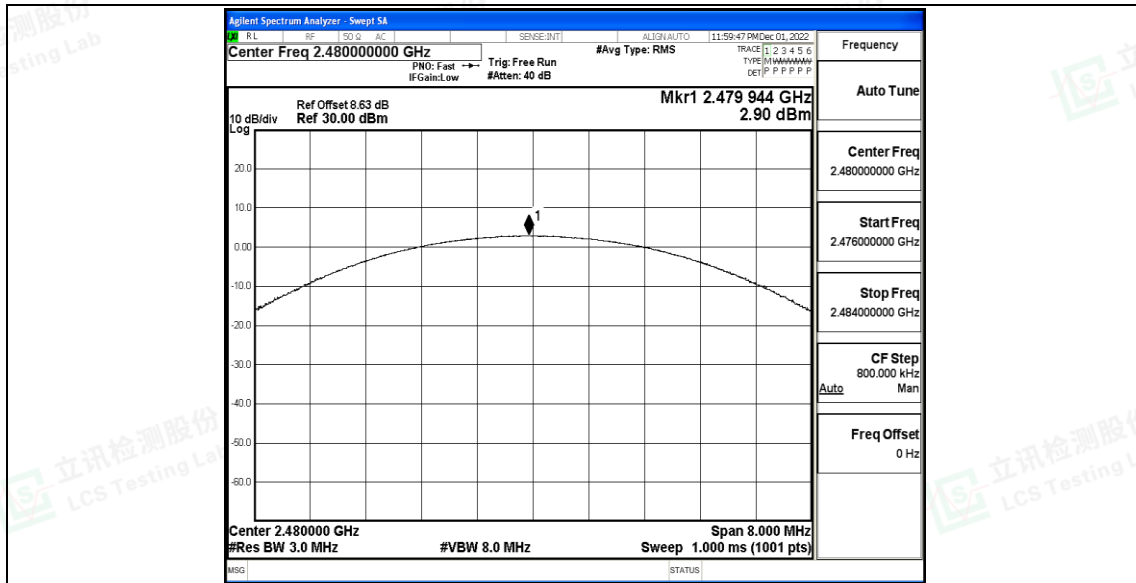
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	4	≤ 20.97	PASS
		2441	1.98	≤ 20.97	PASS
		2480	2.9	≤ 20.97	PASS
2DH5	Ant1	2402	3.43	≤ 20.97	PASS
		2441	1.93	≤ 20.97	PASS
		2480	2.94	≤ 20.97	PASS
3DH5	Ant1	2402	3.47	≤ 20.97	PASS
		2441	1.93	≤ 20.97	PASS
		2480	2.86	≤ 20.97	PASS



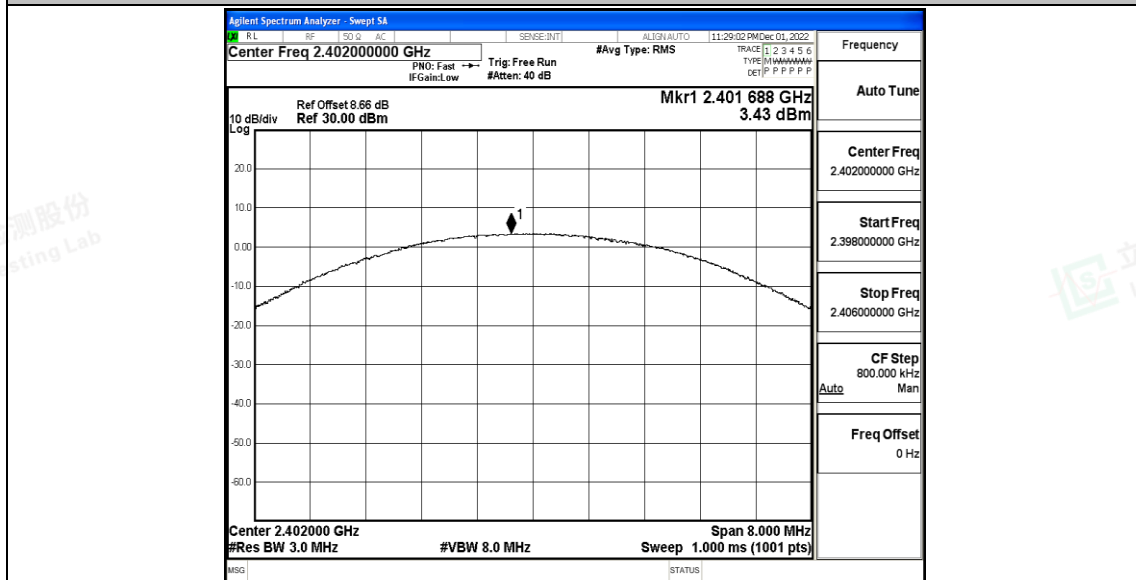


Test Graphs



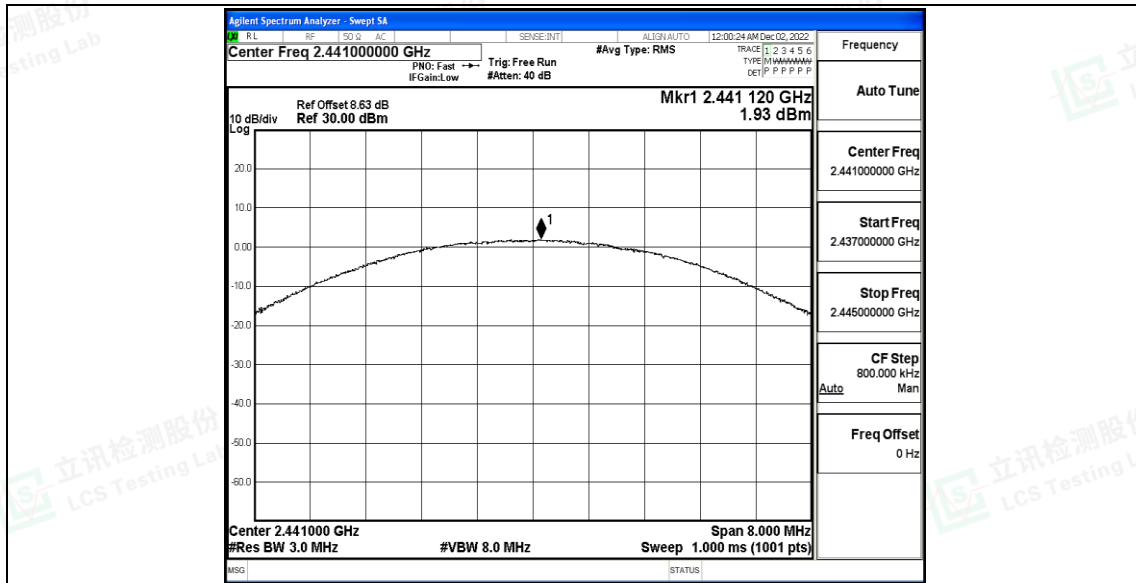


2DH5_Ant1_2402

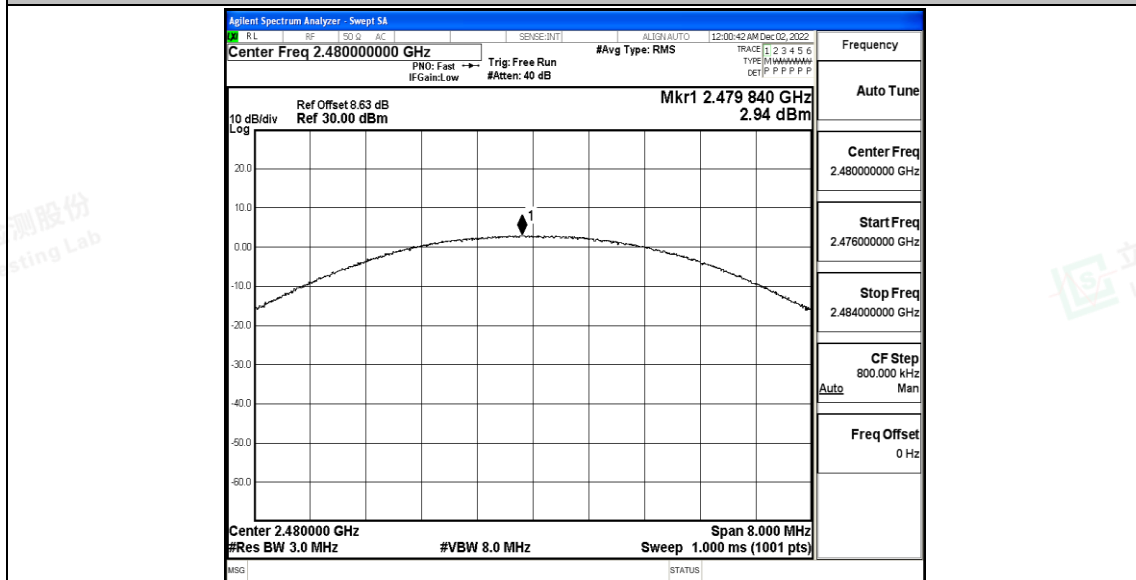


2DH5_Ant1_2441



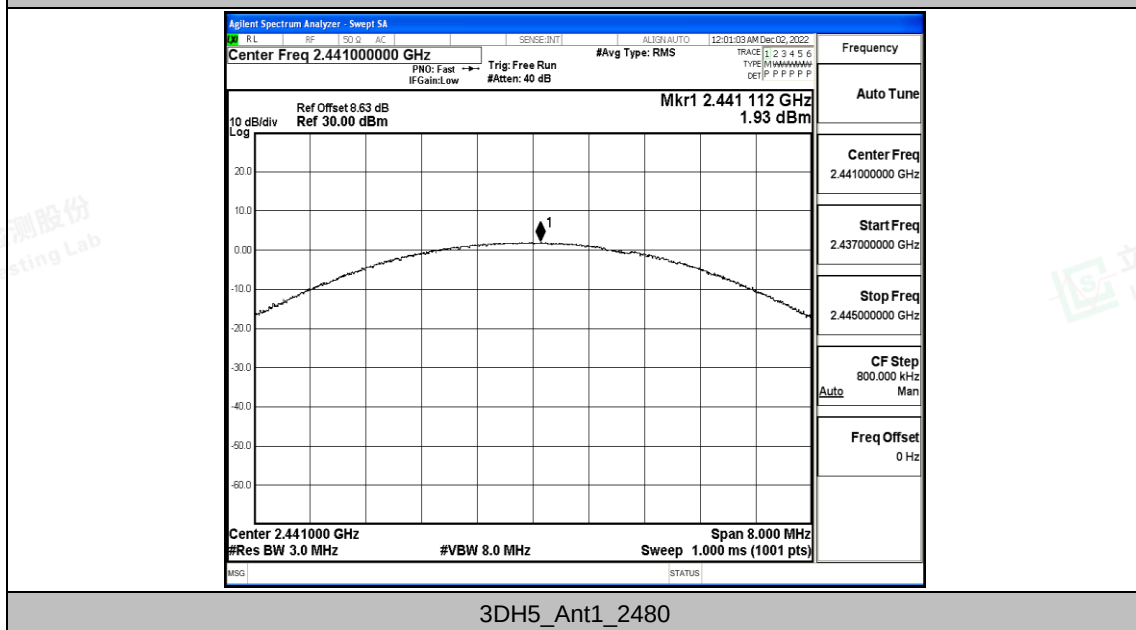
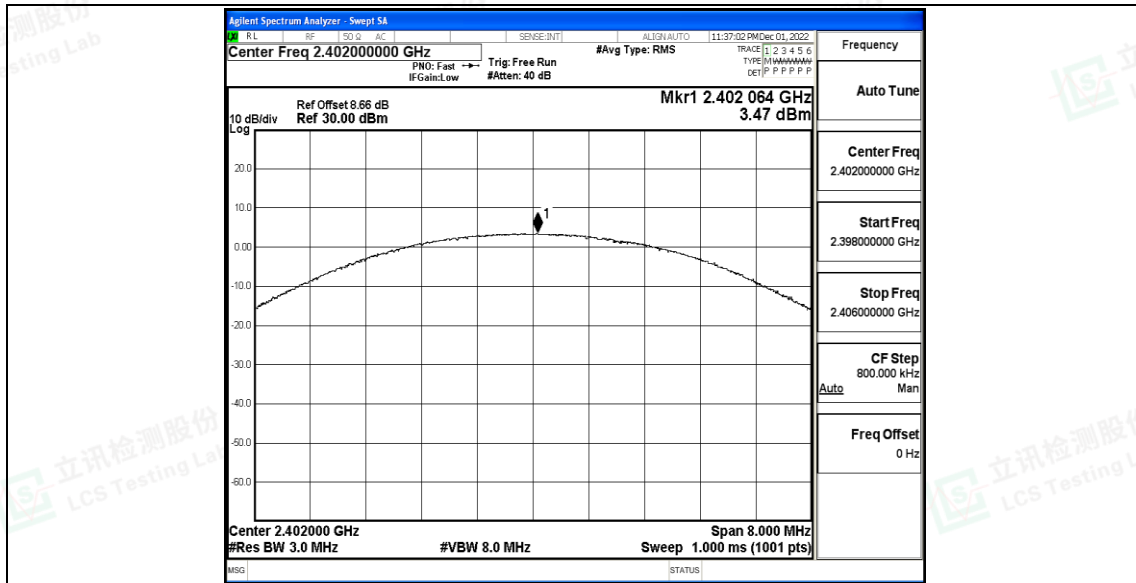


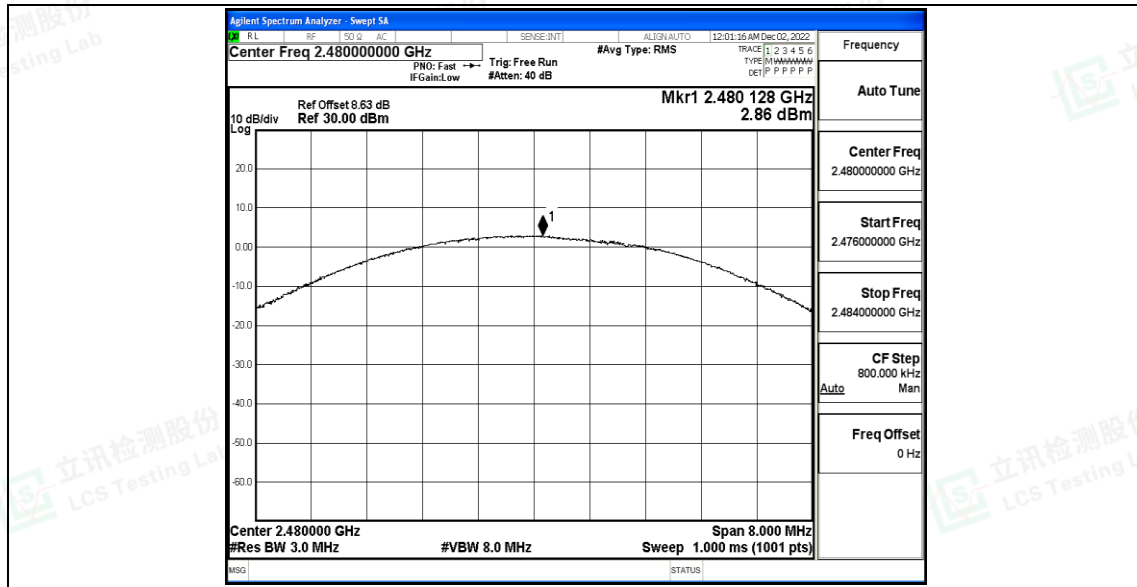
2DH5_Ant1_2480



3DH5_Ant1_2402









A.3 Carrier frequency separation

Test Result

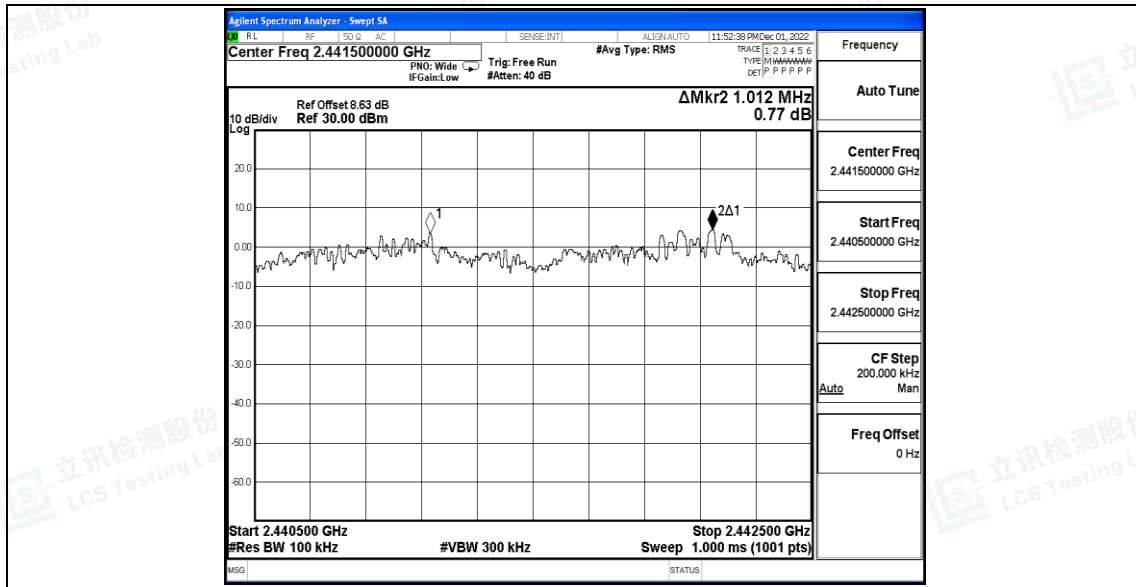
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.936	≥ 0.882	PASS
2DH5	Ant1	Hop	1.272	≥ 0.898	PASS
3DH5	Ant1	Hop	1.012	≥ 0.866	PASS





Test Graphs







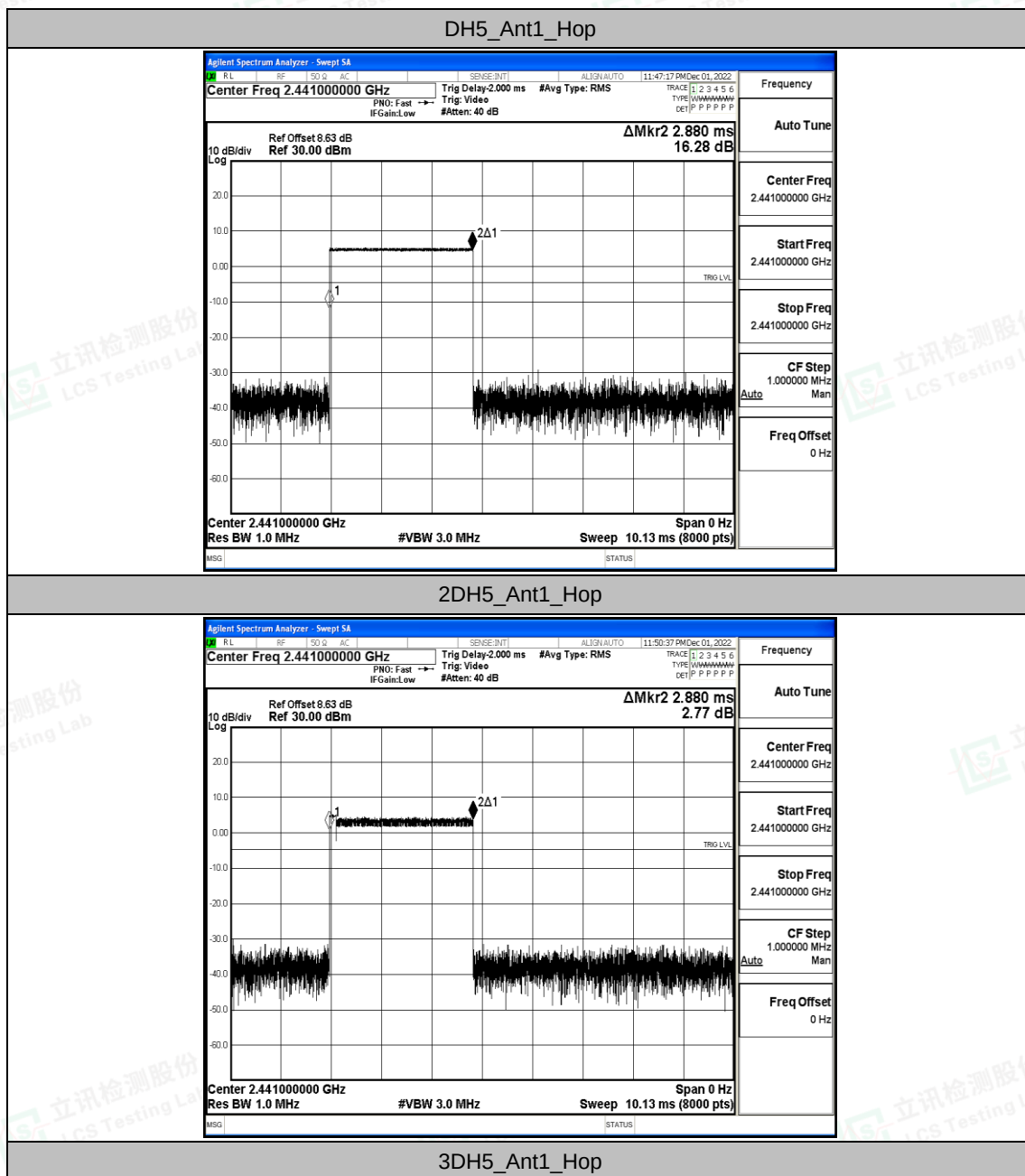
A.4 Time of occupancy

Test Result

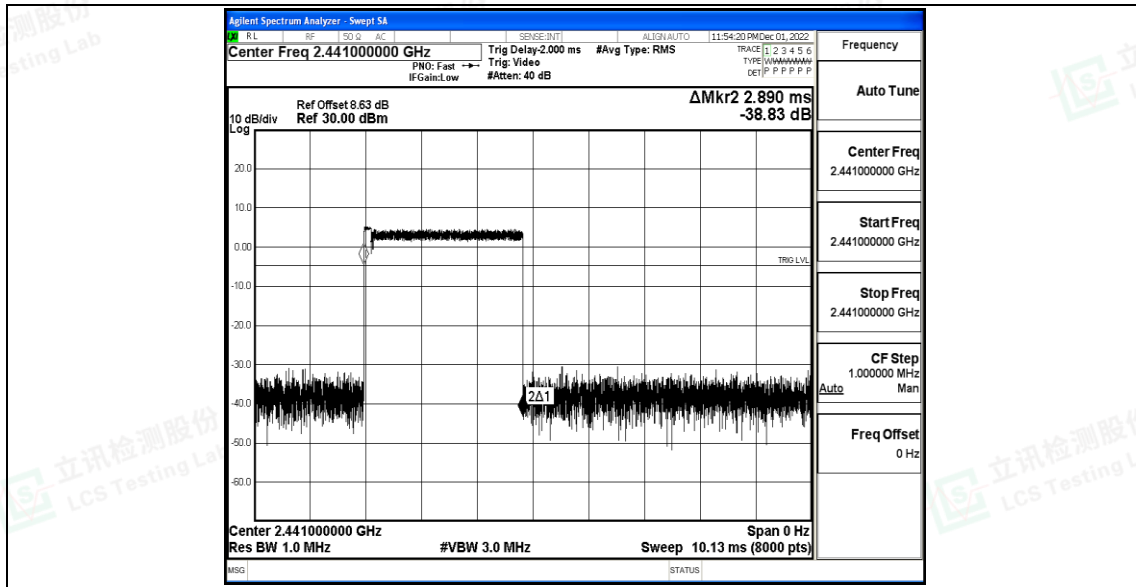
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.89	106.67	0.308	≤0.4	PASS



Test Graphs



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A.5 Number of hopping channels

Test Result

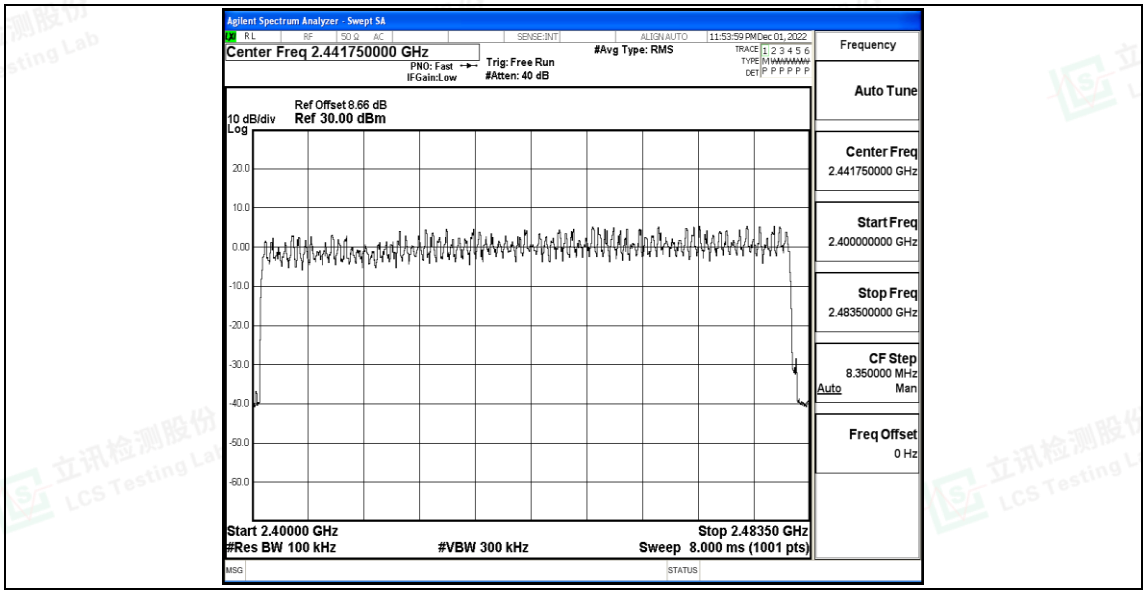
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

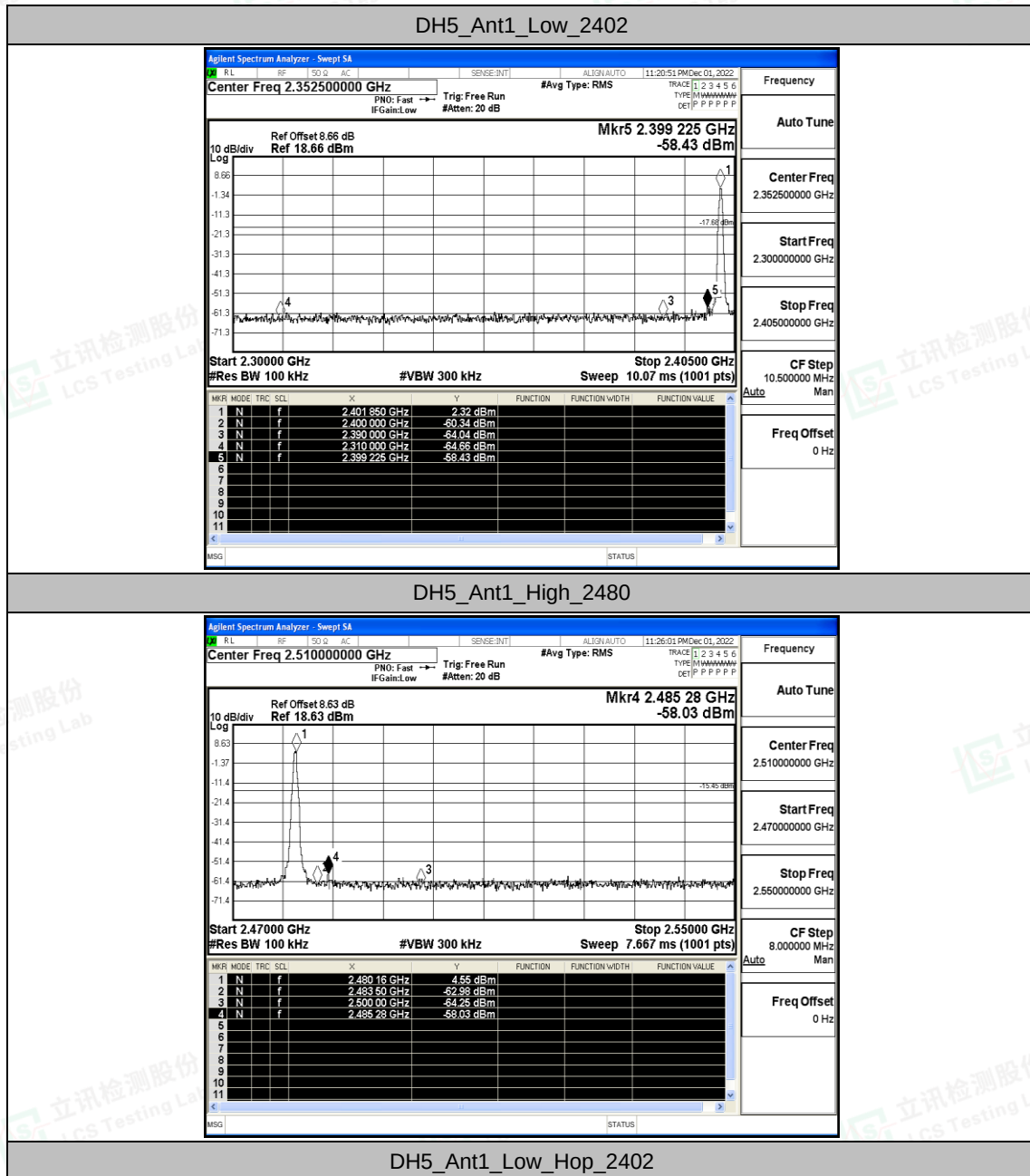
Test Result

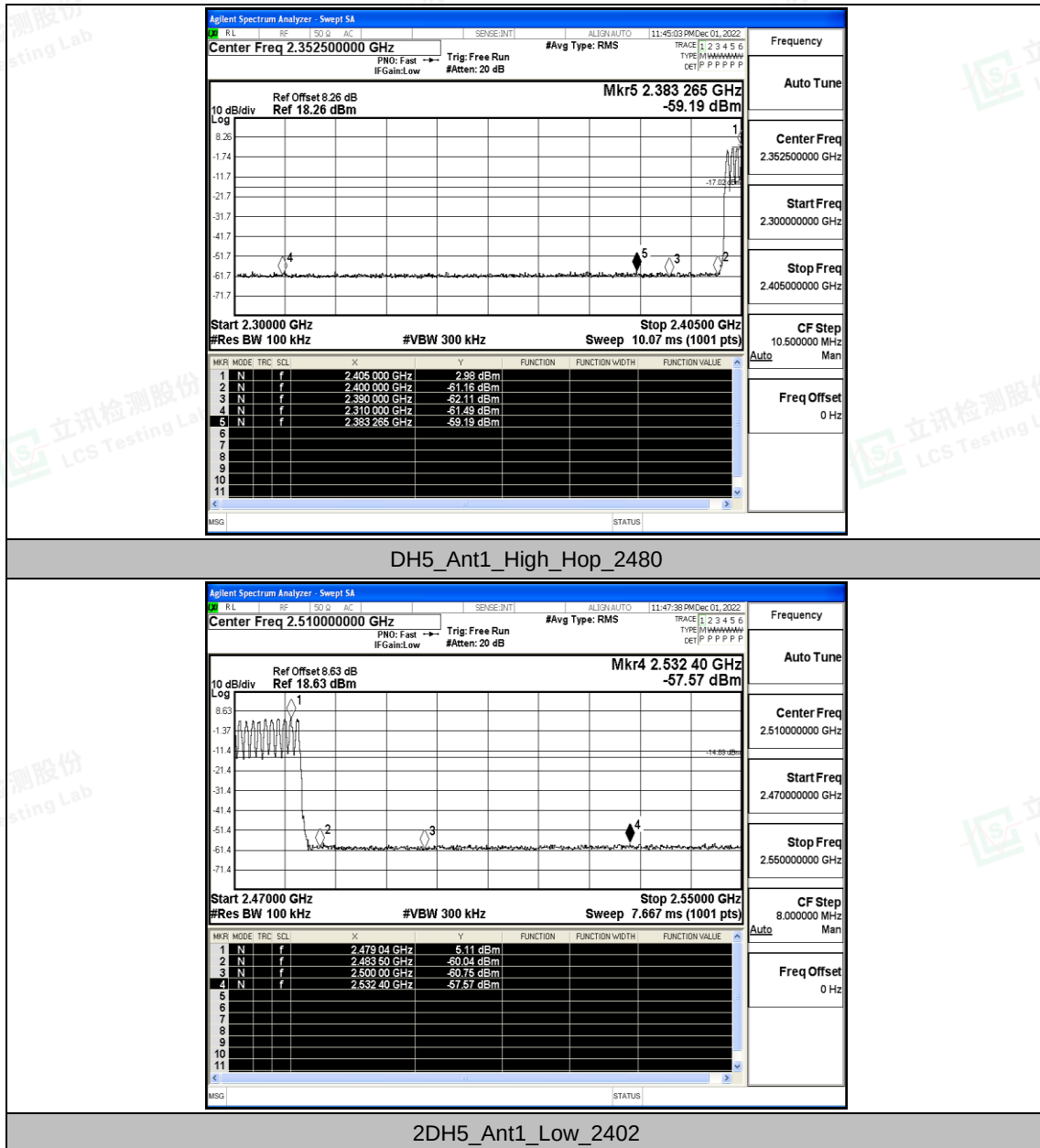
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.33	-58.43	≤ -17.68	PASS
		High	2480	4.55	-58.03	≤ -15.45	PASS
		Low	Hop_2402	2.98	-59.19	≤ -17.02	PASS
		High	Hop_2480	5.11	-57.57	≤ -14.89	PASS
2DH5	Ant1	Low	2402	-1.74	-56.73	≤ -21.74	PASS
		High	2480	1.07	-59.08	≤ -18.93	PASS
		Low	Hop_2402	-1.99	-58.73	≤ -21.99	PASS
		High	Hop_2480	4.74	-57.33	≤ -15.26	PASS
3DH5	Ant1	Low	2402	2.50	-57.6	≤ -17.51	PASS
		High	2480	2.64	-59.31	≤ -17.36	PASS
		Low	Hop_2402	-1.07	-59.05	≤ -21.07	PASS
		High	Hop_2480	4.25	-57.65	≤ -15.75	PASS

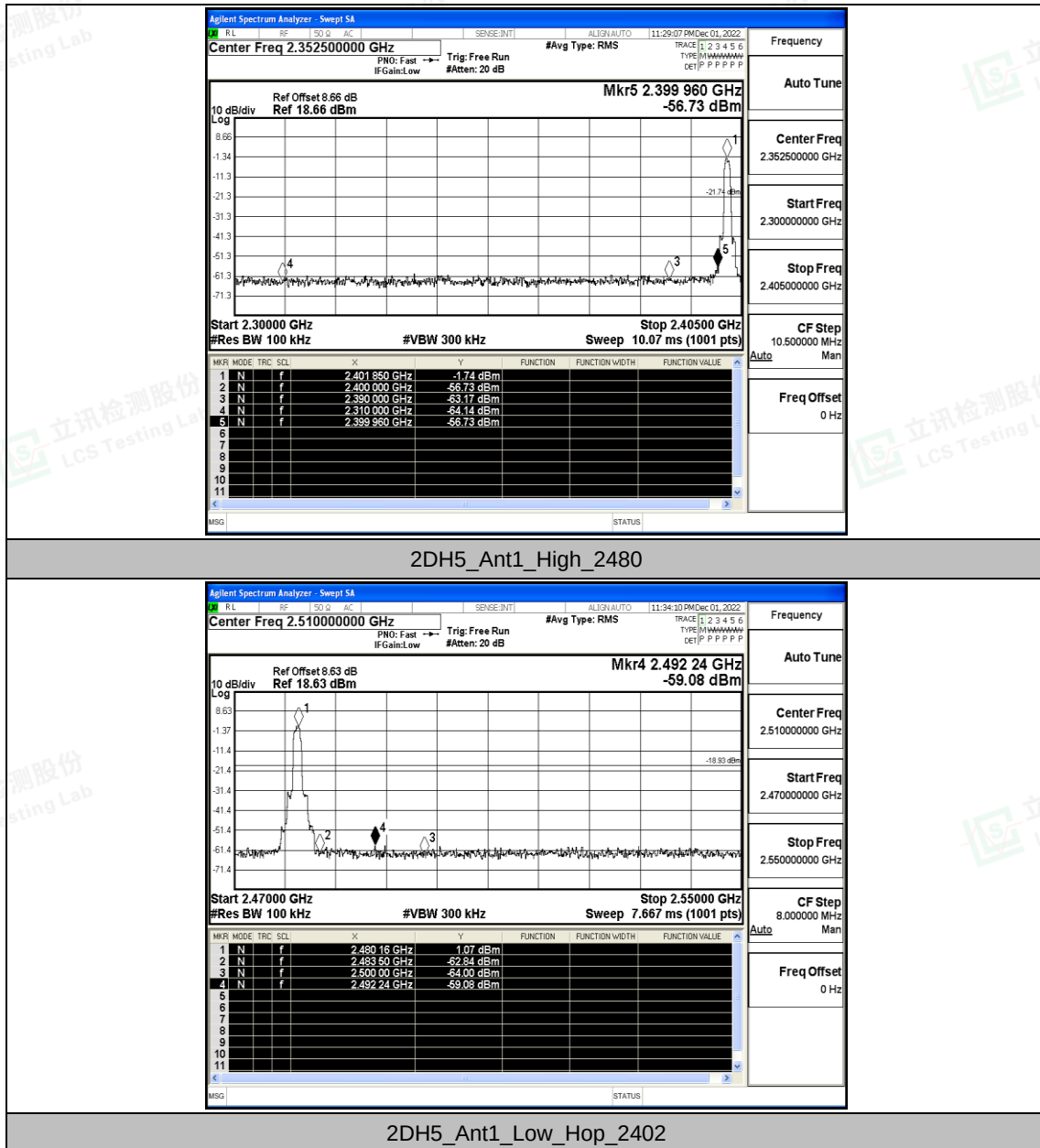


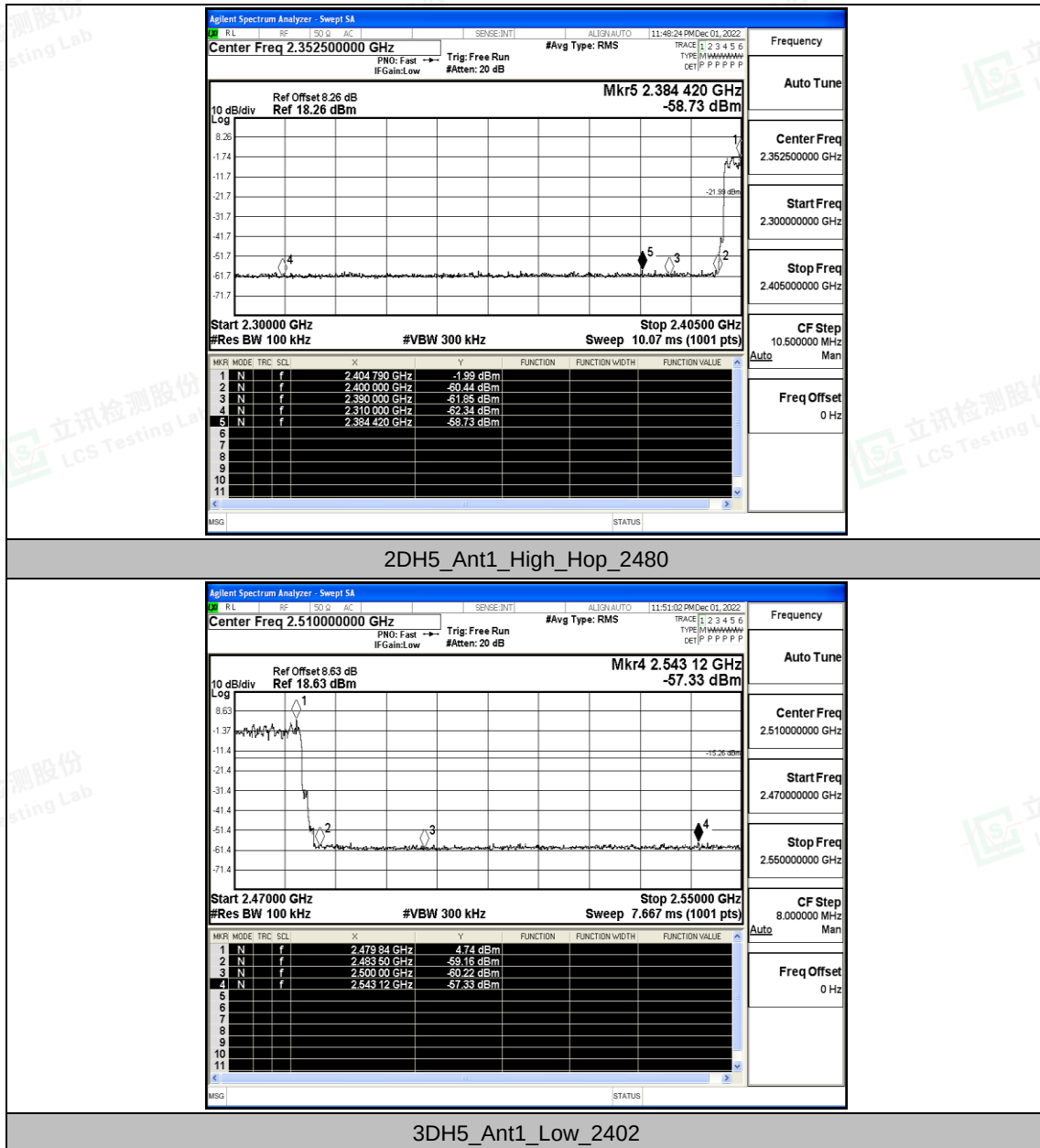


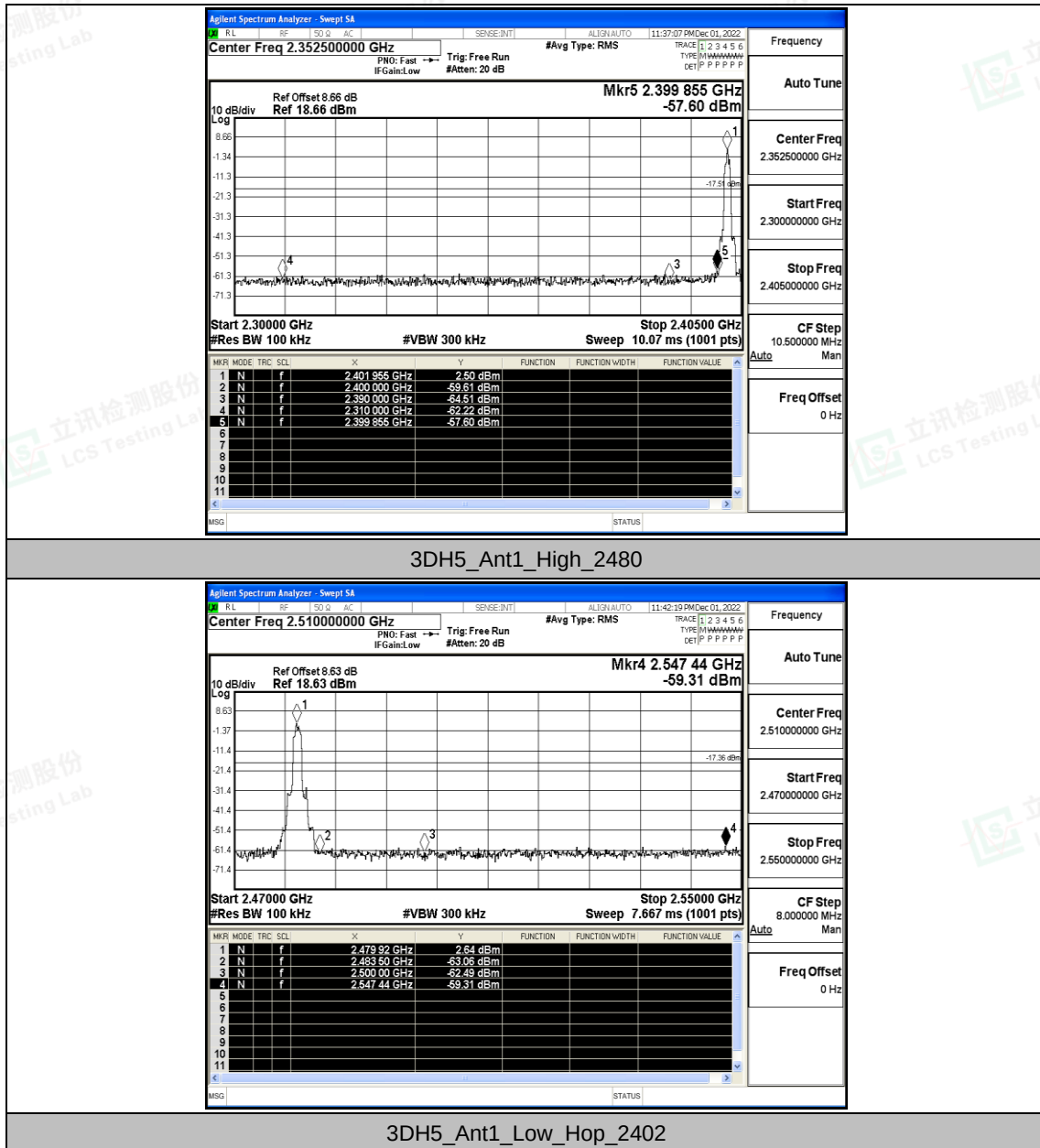
Test Graphs

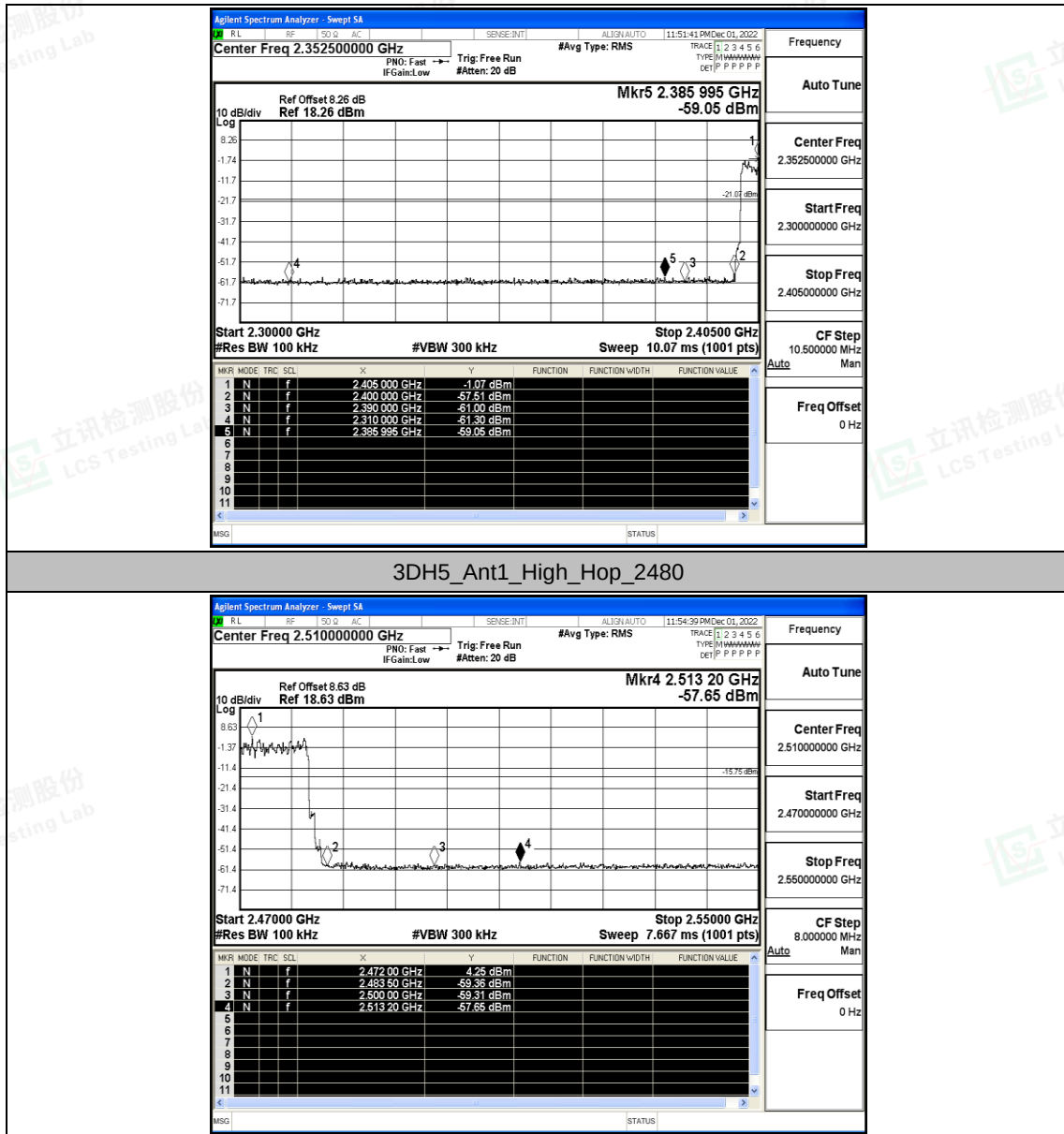














A.7 Conducted Spurious Emission

Test Result

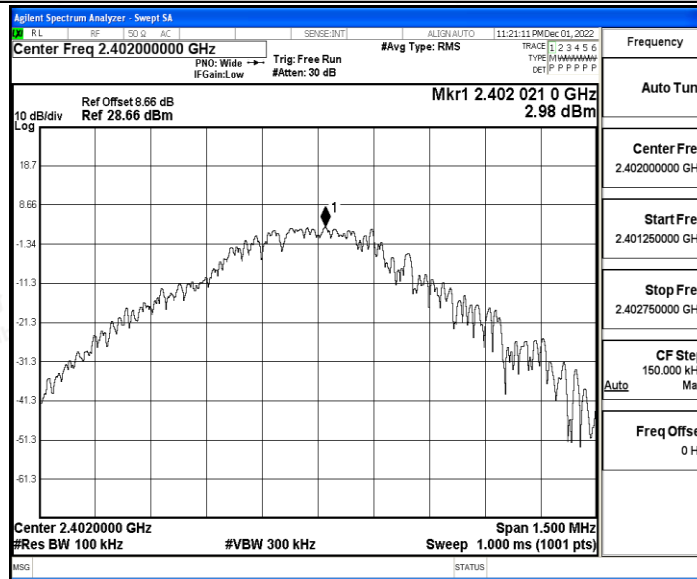
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.99	2.99	---	PASS
			30~1000	2.99	-60.18	≤-17.01	PASS
			1000~26500	2.99	-45.82	≤-17.01	PASS
		2441	Reference	4.25	4.25	---	PASS
			30~1000	4.25	-60.97	≤-15.75	PASS
			1000~26500	4.25	-46.22	≤-15.75	PASS
		2480	Reference	4.69	4.69	---	PASS
			30~1000	4.69	-60.43	≤-15.31	PASS
			1000~26500	4.69	-46.36	≤-15.31	PASS
2DH5	Ant1	2402	Reference	-1.96	-1.96	---	PASS
			30~1000	-1.96	-45.27	≤-21.96	PASS
			1000~26500	-1.96	-46.07	≤-21.96	PASS
		2441	Reference	3.63	3.63	---	PASS
			30~1000	3.63	-50.05	≤-16.37	PASS
			1000~26500	3.63	-46.33	≤-16.37	PASS
		2480	Reference	1.51	1.51	---	PASS
			30~1000	1.51	-60.57	≤-18.49	PASS
			1000~26500	1.51	-45.51	≤-18.49	PASS
3DH5	Ant1	2402	Reference	-1.61	-1.61	---	PASS
			30~1000	-1.61	-49.07	≤-21.61	PASS
			1000~26500	-1.61	-46.3	≤-21.61	PASS
		2441	Reference	1.88	1.88	---	PASS
			30~1000	1.88	-54.2	≤-18.12	PASS
			1000~26500	1.88	-46.09	≤-18.12	PASS
		2480	Reference	1.55	1.55	---	PASS
			30~1000	1.55	-60.71	≤-18.45	PASS
			1000~26500	1.55	-45.85	≤-18.45	PASS



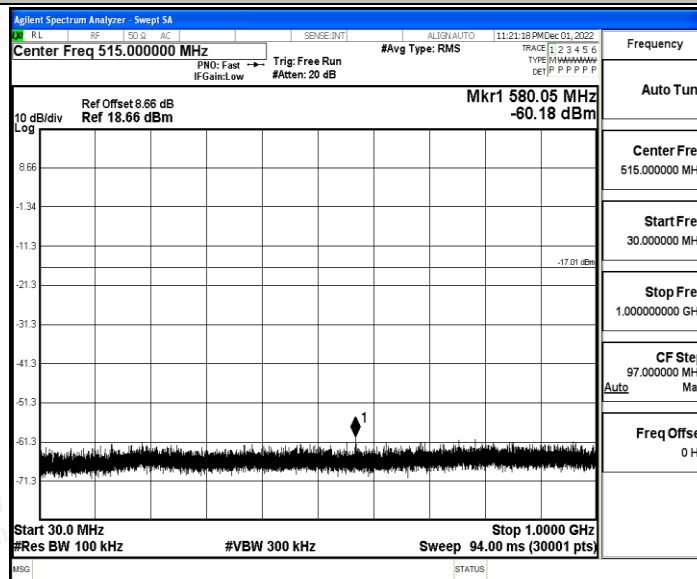


Test Graphs

DH5_Ant1_2402_0~Reference

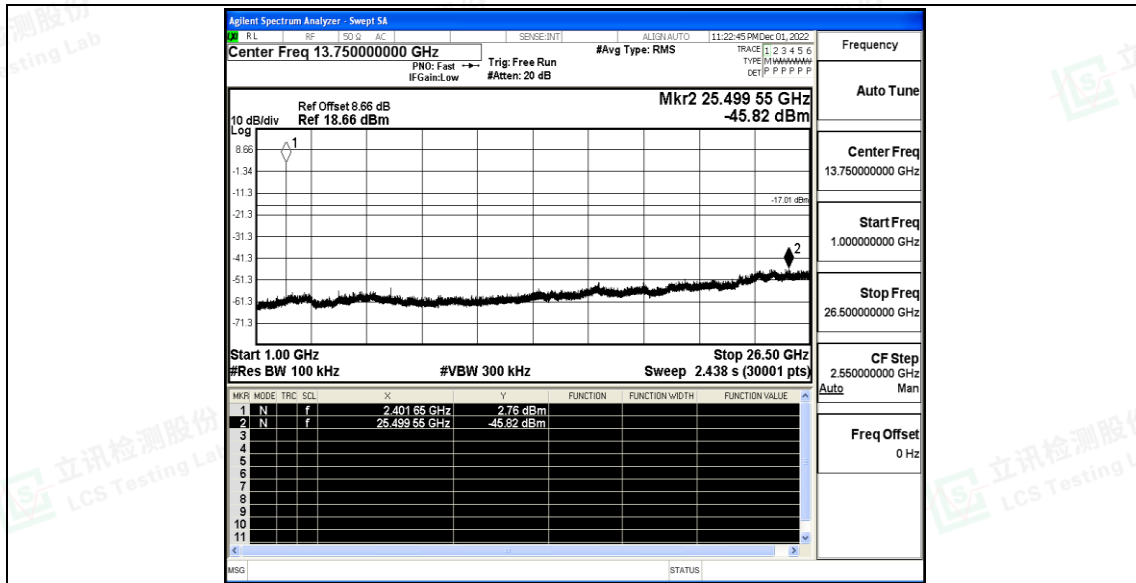


DH5_Ant1_2402_30~1000

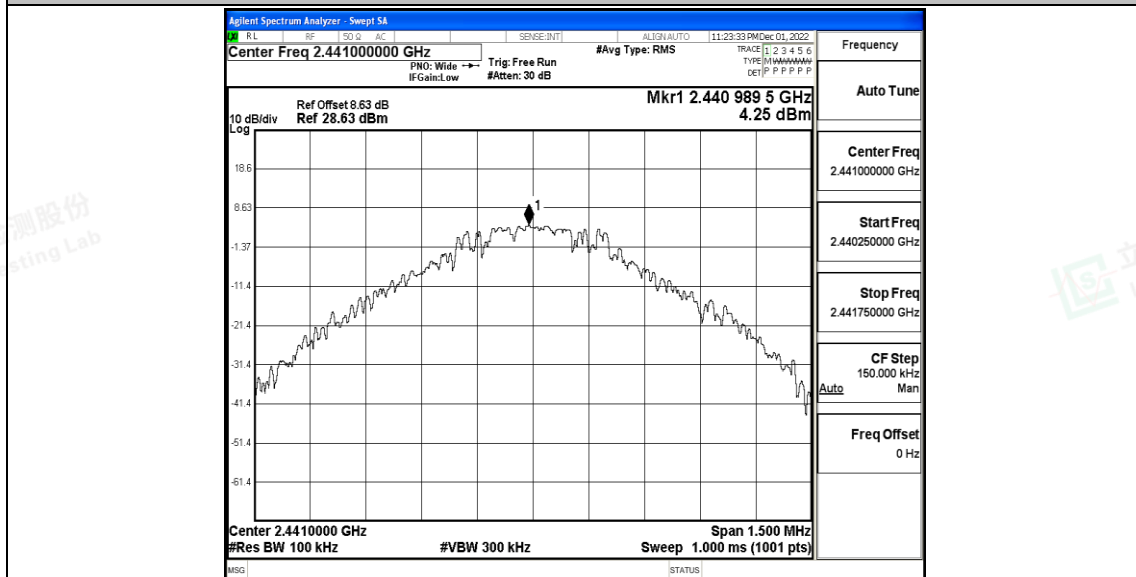


DH5_Ant1_2402_1000~26500



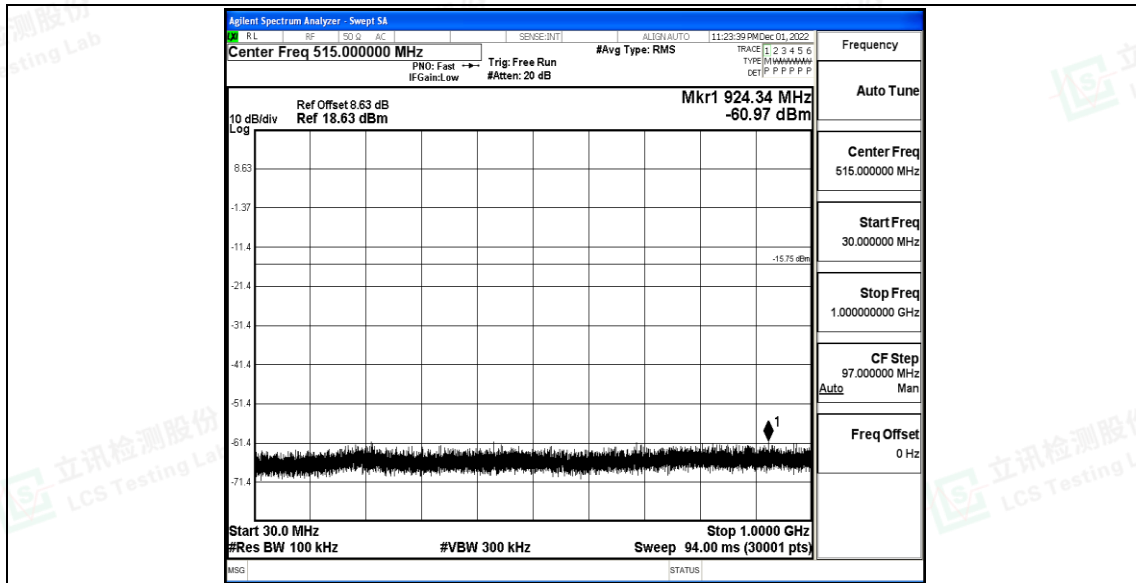


DH5_Ant1_2441_0~Reference

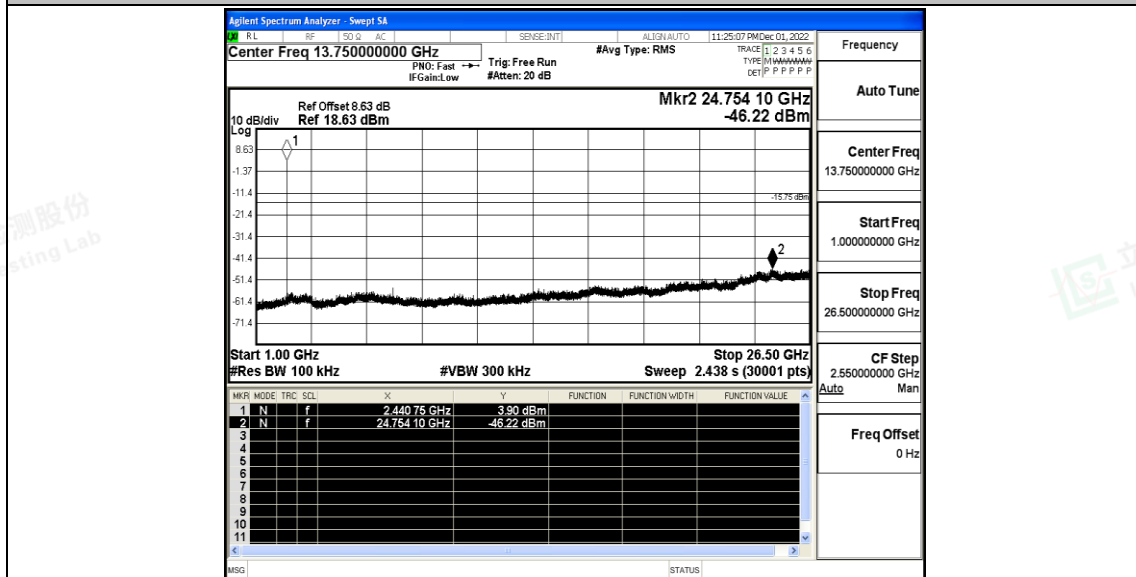


DH5_Ant1_2441_30~1000



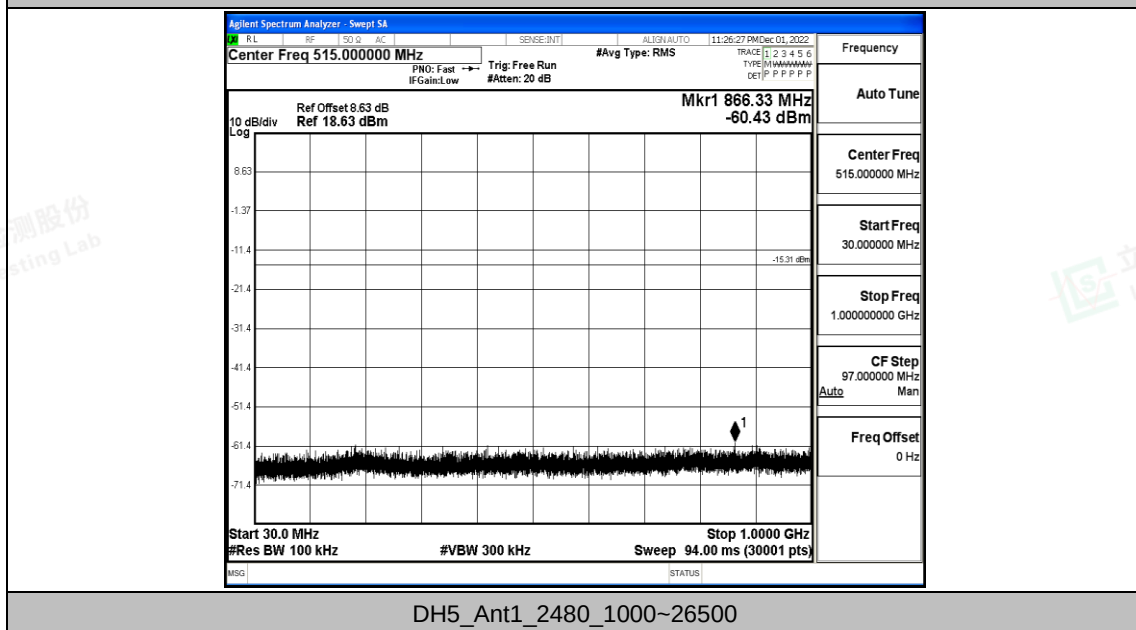
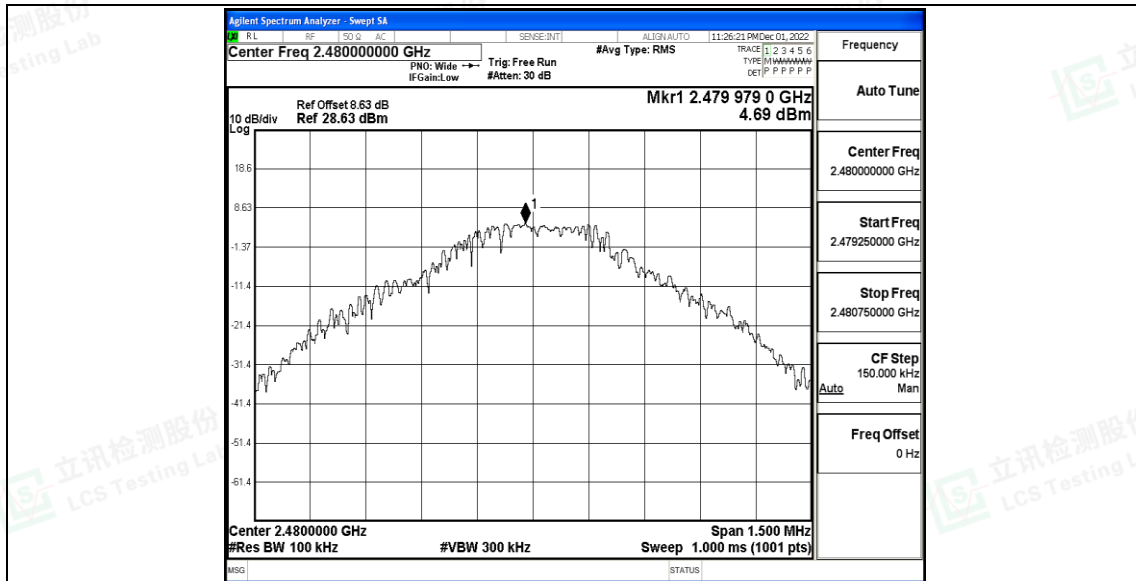


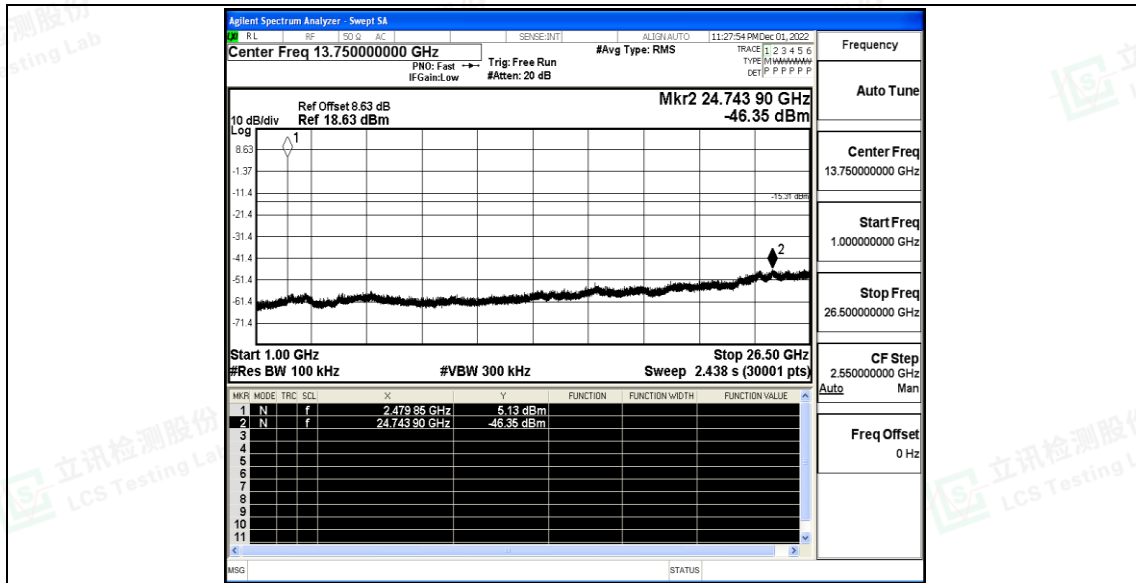
DH5_Ant1_2441_1000~26500



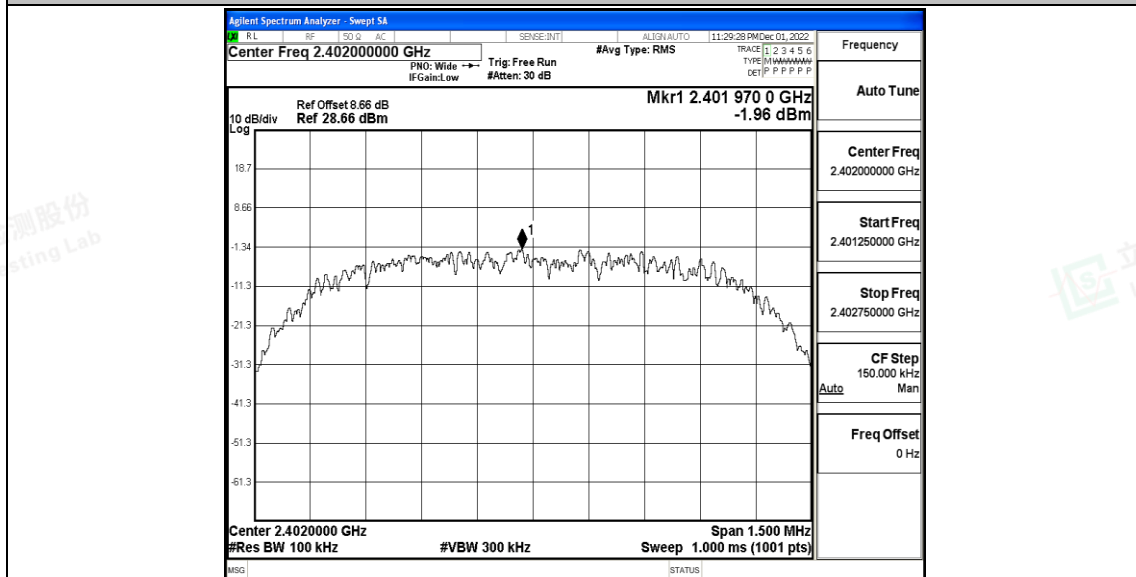
DH5_Ant1_2480_0~Reference







2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000

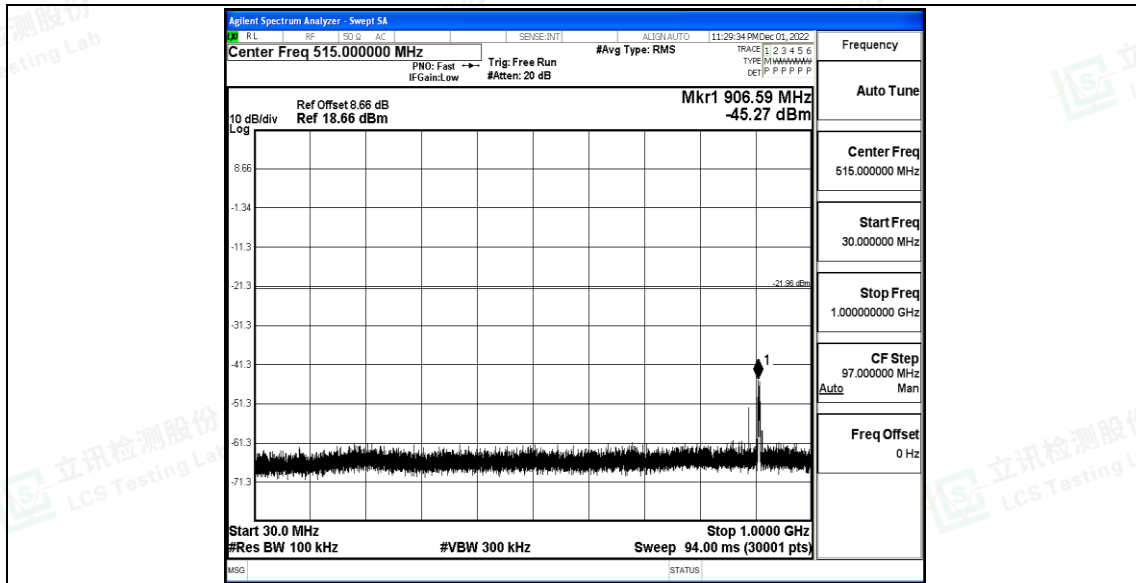


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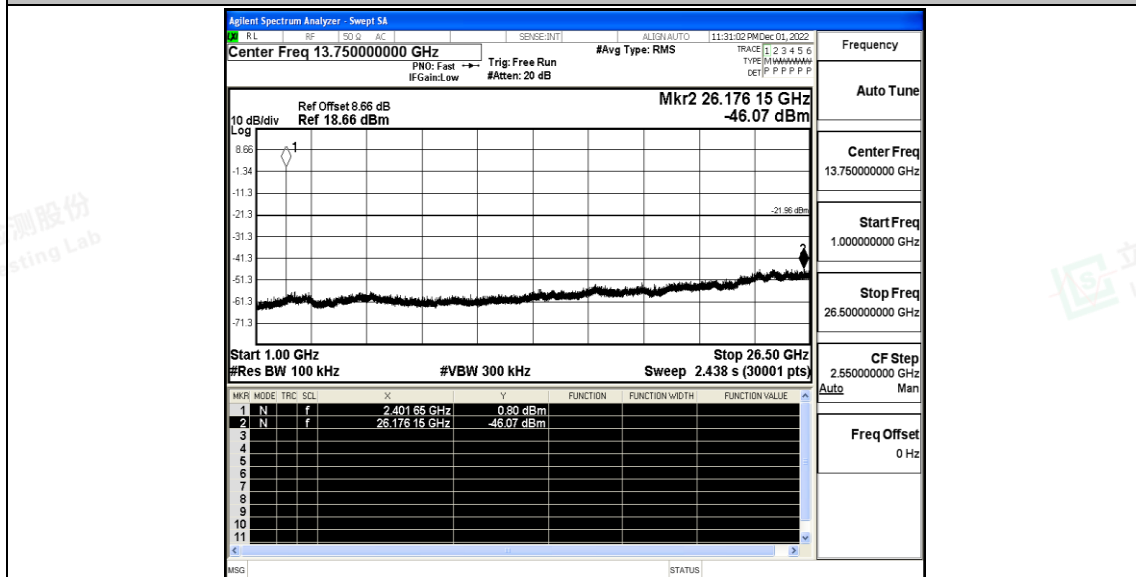
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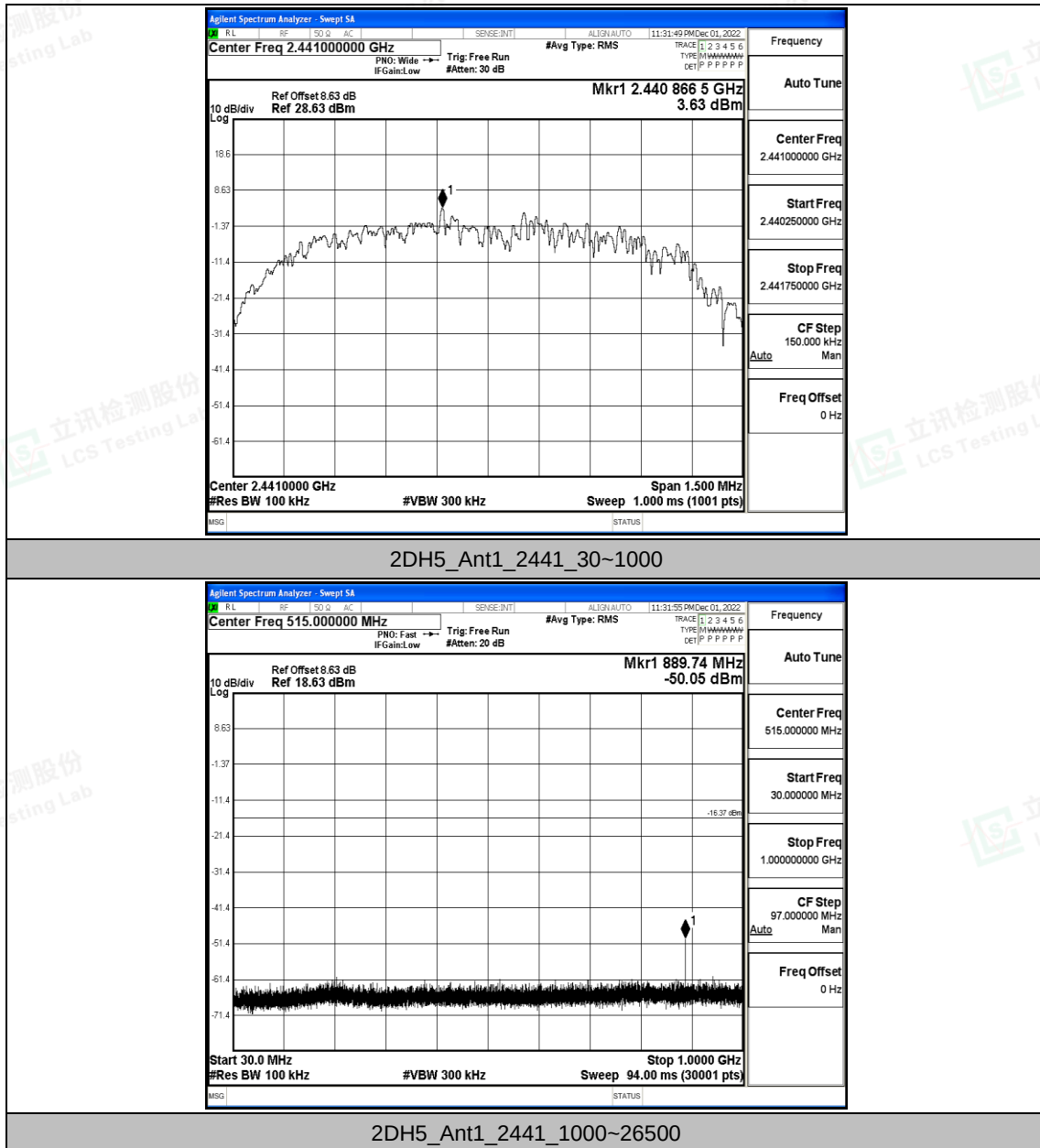


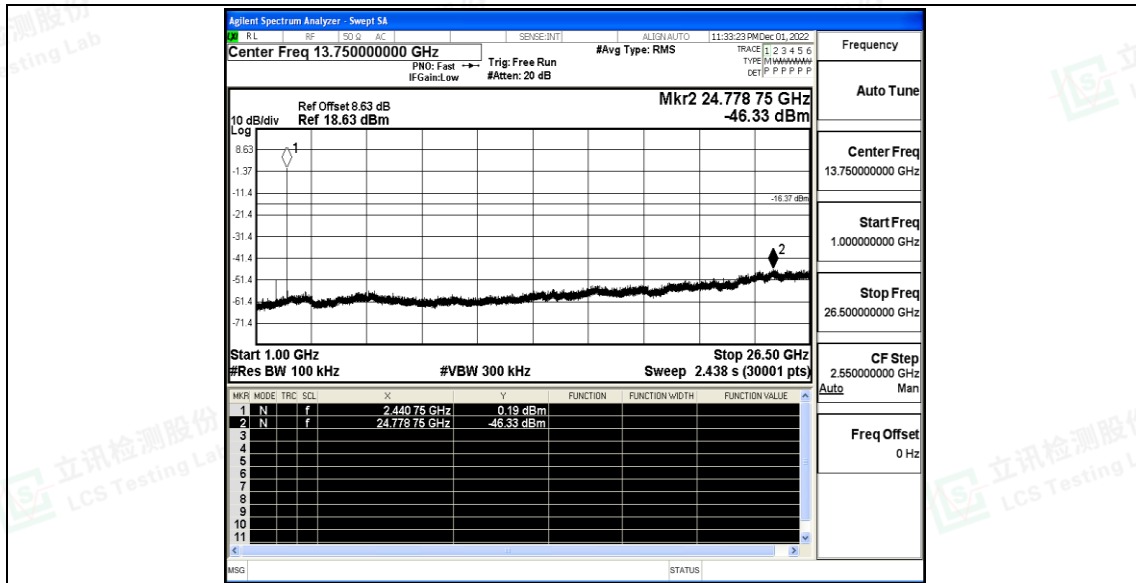
2DH5_Ant1_2402_1000~26500



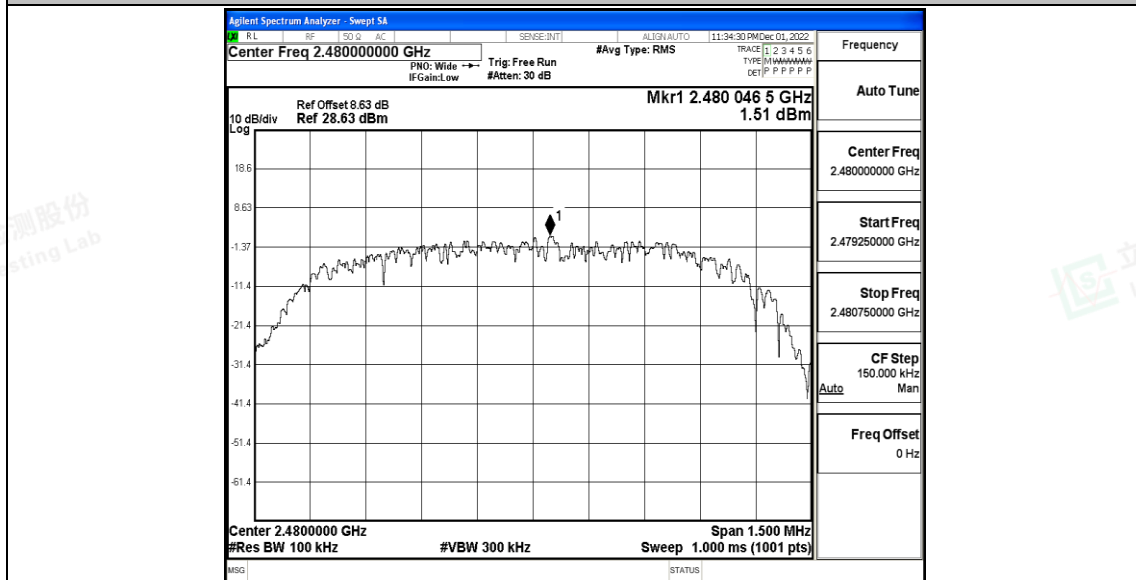
2DH5_Ant1_2441_0~Reference





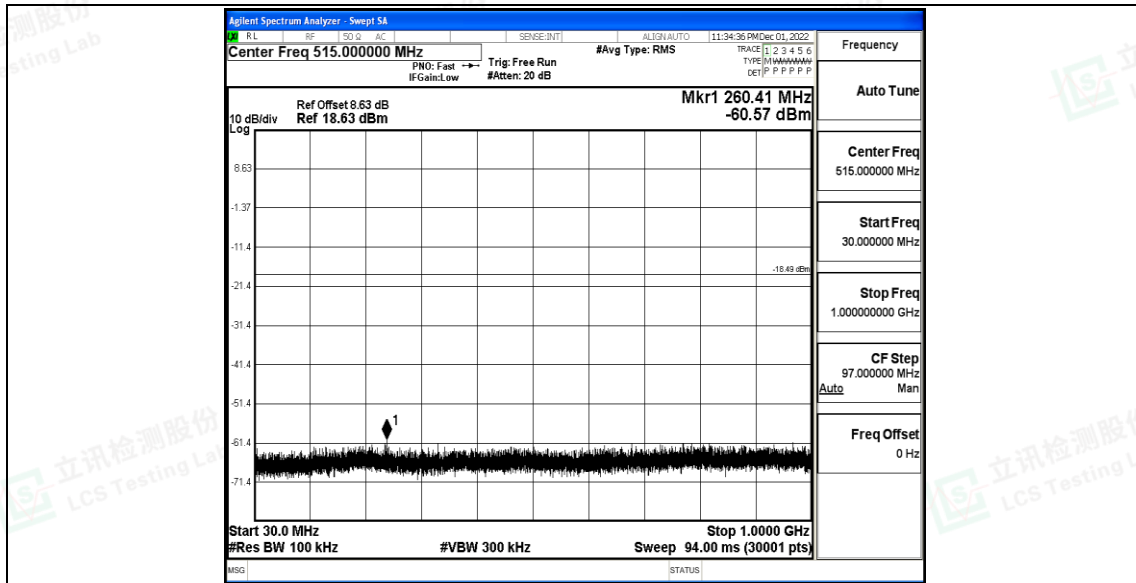


2DH5_Ant1_2480_0~Reference

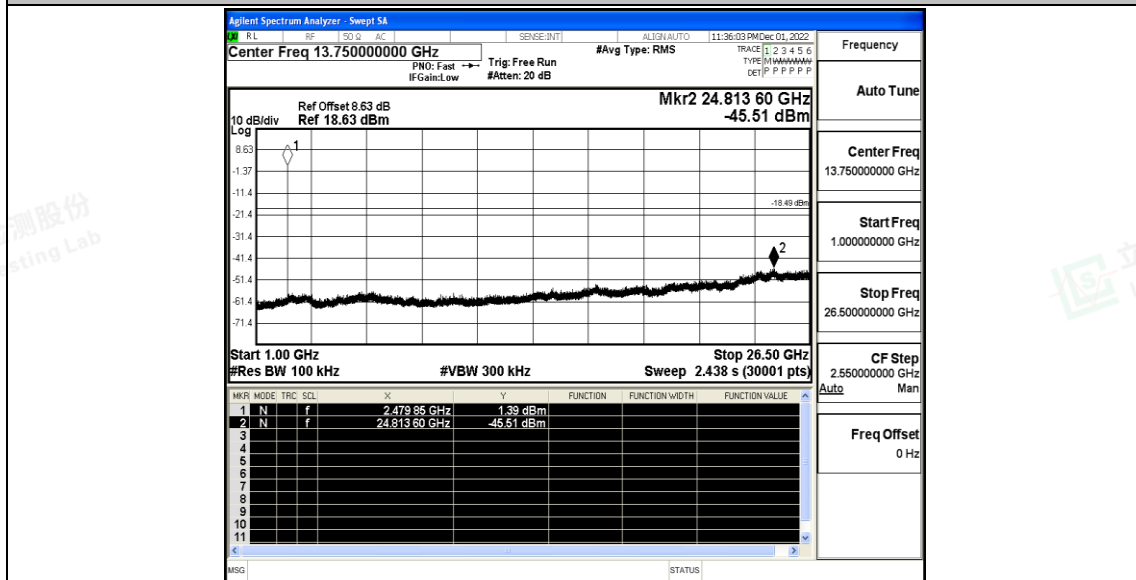


2DH5_Ant1_2480_30~1000



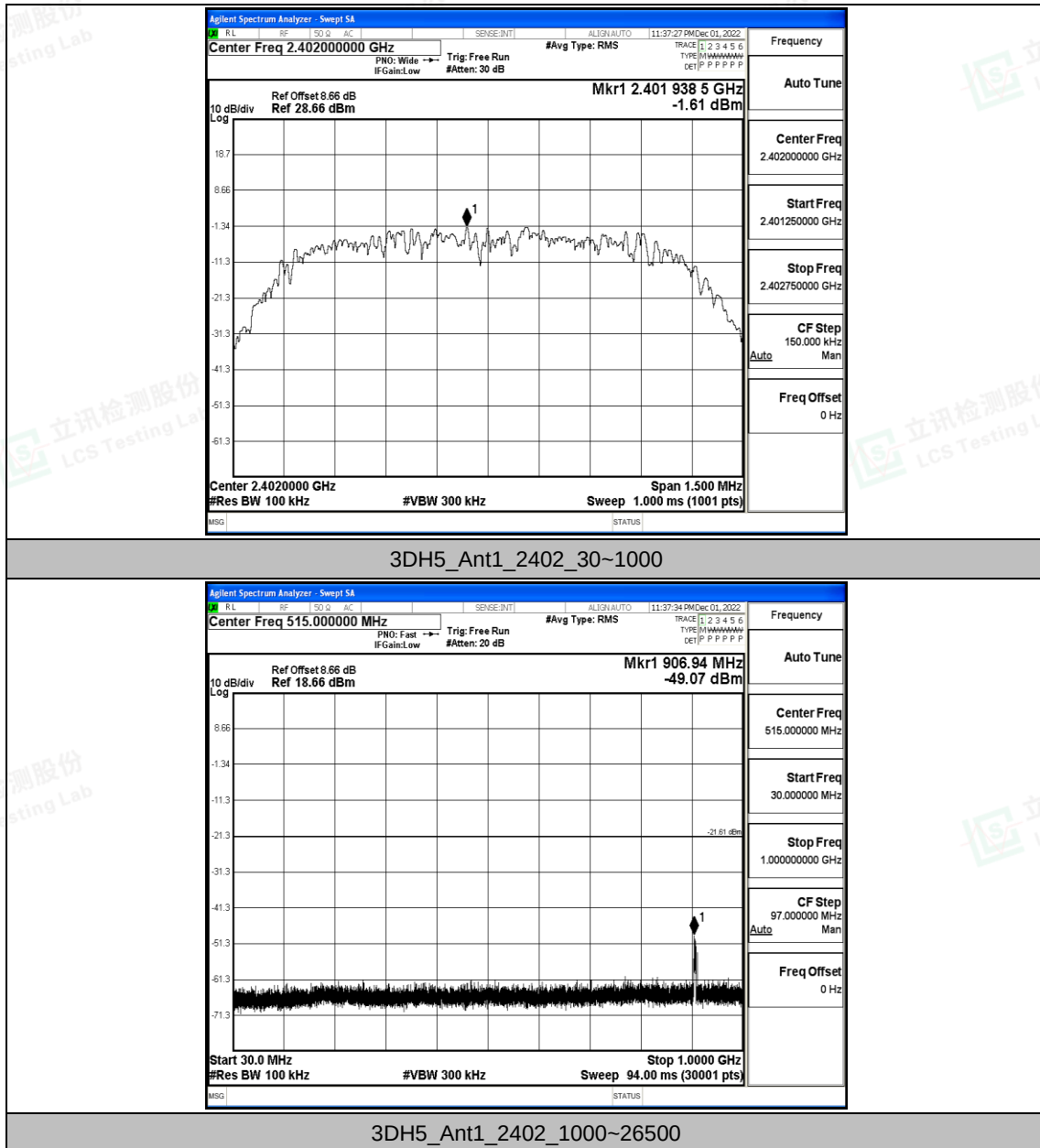


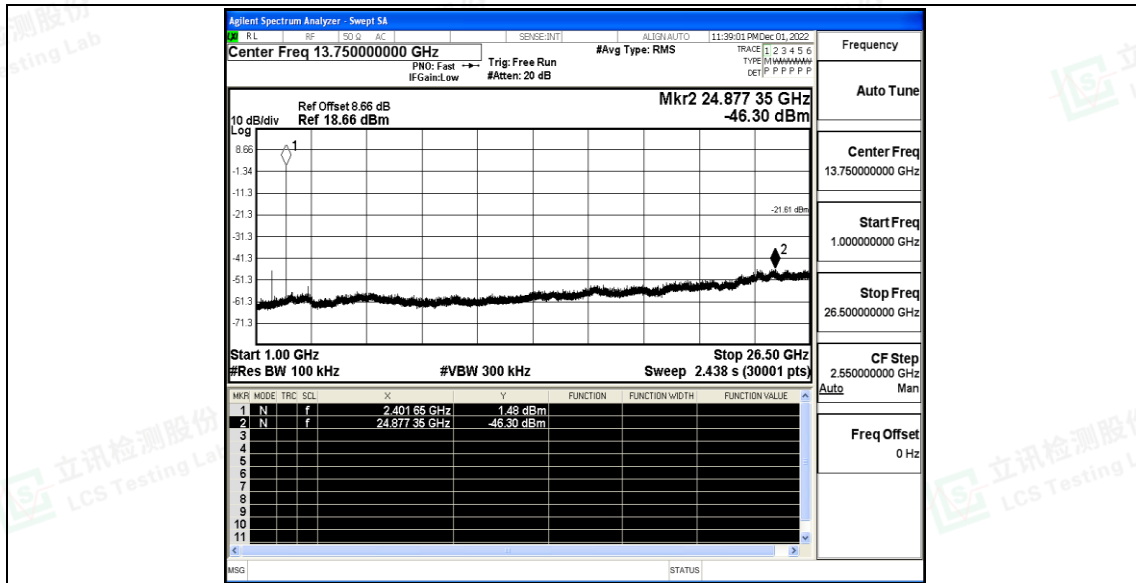
2DH5_Ant1_2480_1000~26500



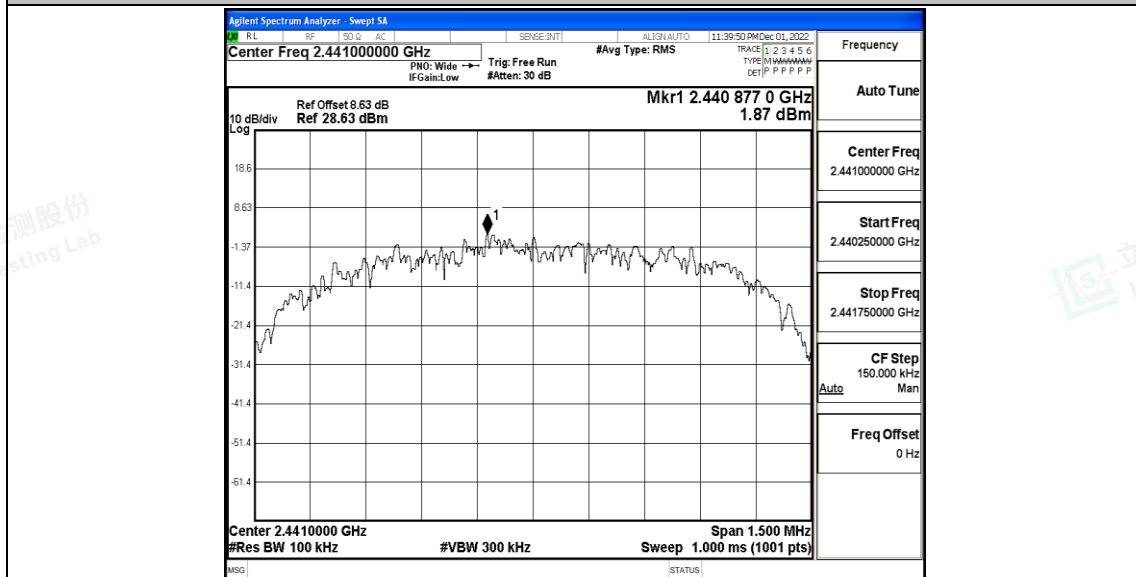
3DH5_Ant1_2402_0~Reference





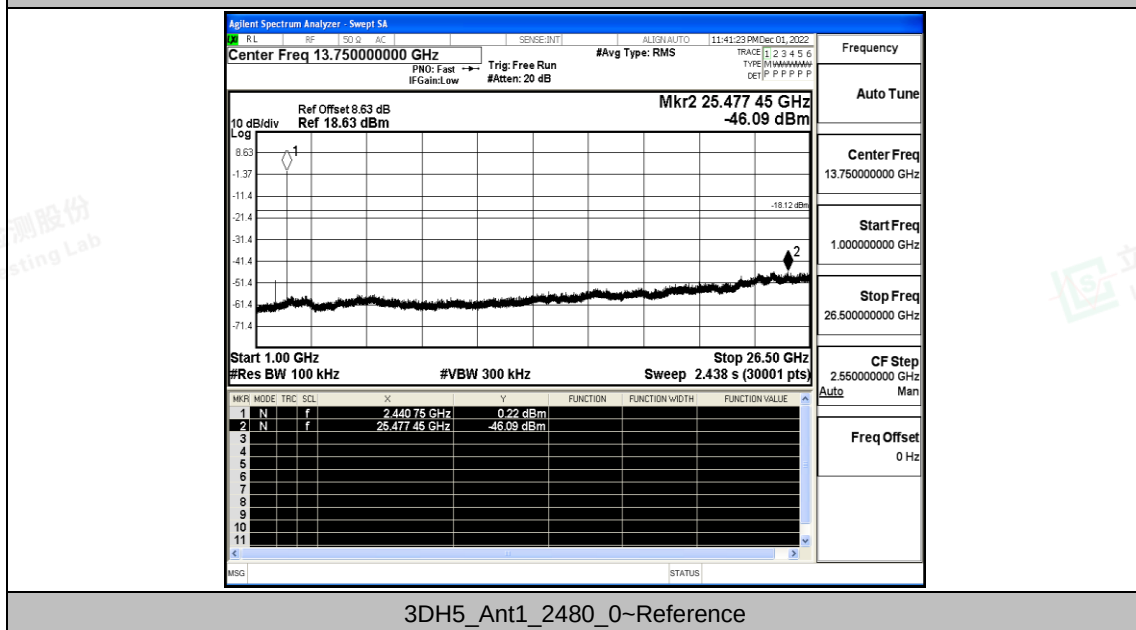
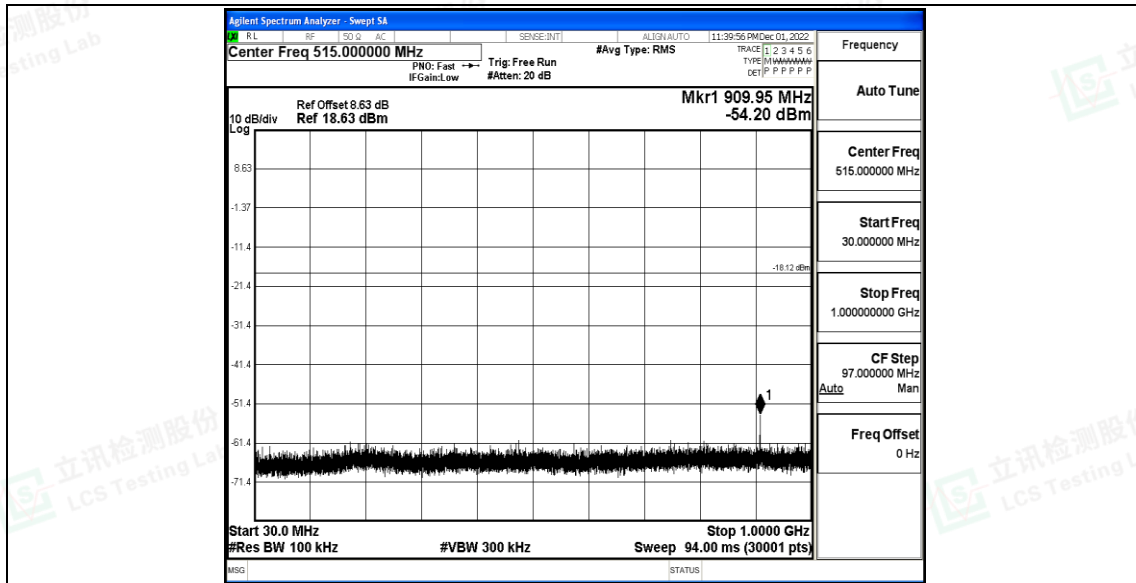


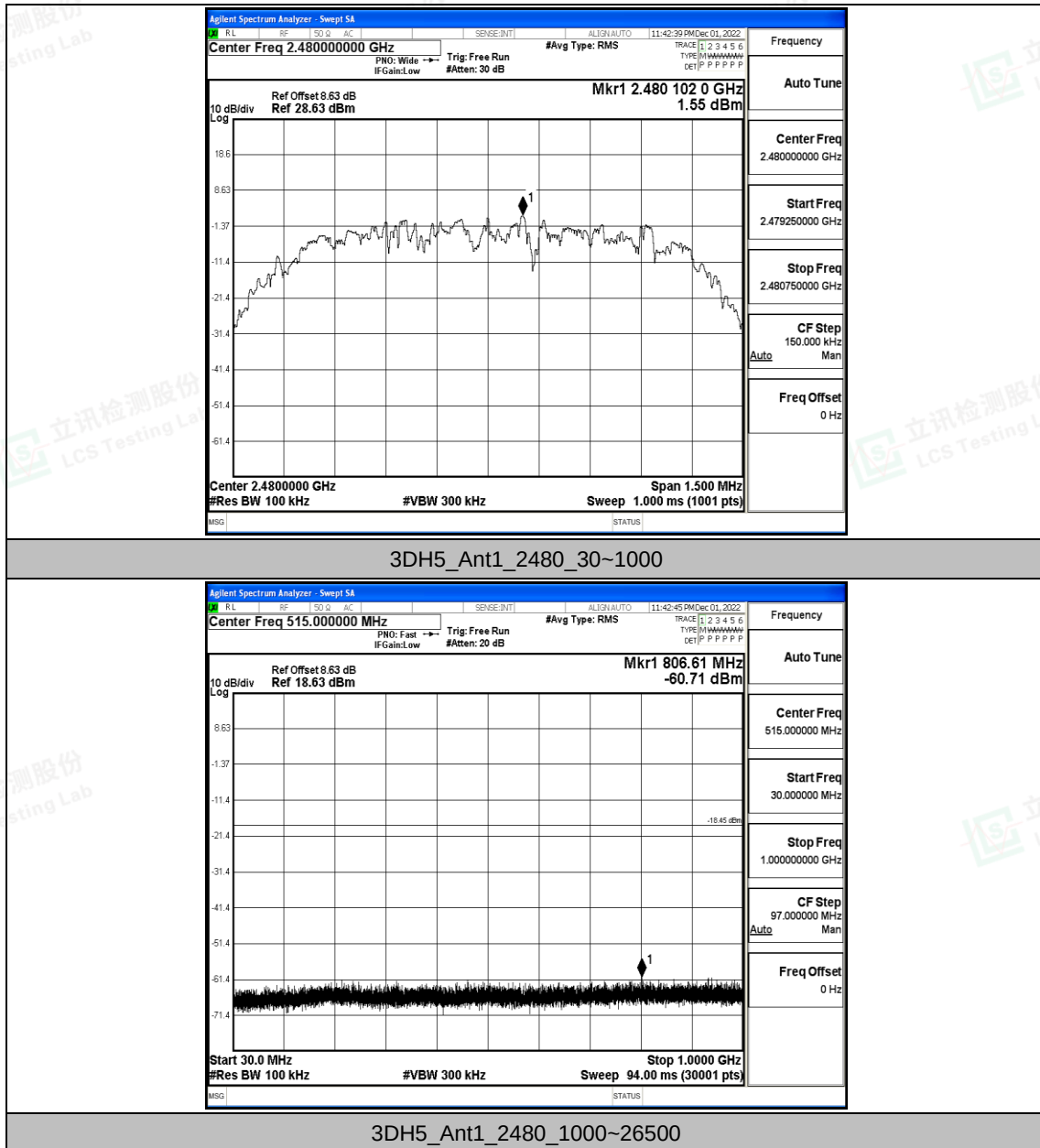
3DH5_Ant1_2441_0~Reference

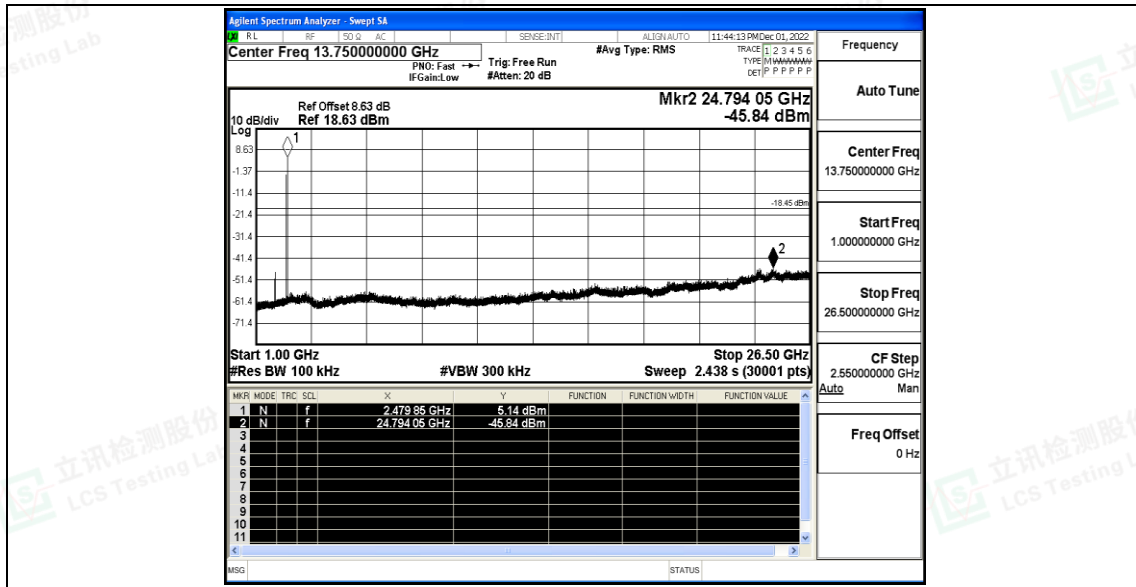


3DH5_Ant1_2441_30~1000











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	-58.13	≤-41.20	37.07	≤54	PASS
				AV	2387.990	-57.47	≤-41.20	37.73	≤54	PASS
				AV	2390.000	-57.64	≤-41.20	37.56	≤54	PASS
				Peak	2310.000	-52.98	≤-21.20	42.22	≤74	PASS
				Peak	2386.205	-48.65	≤-21.20	46.55	≤74	PASS
				Peak	2390.000	-53.15	≤-21.20	42.05	≤74	PASS
		High	2480	AV	2483.500	-52.5	≤-41.20	42.70	≤54	PASS
				AV	2483.520	-52.5	≤-41.20	42.70	≤54	PASS
				AV	2500.000	-56.99	≤-41.20	38.21	≤54	PASS
				Peak	2483.500	-50.78	≤-21.20	44.42	≤74	PASS
				Peak	2486.400	-47.31	≤-21.20	47.89	≤74	PASS
				Peak	2500.000	-51.47	≤-21.20	43.73	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-49.08	≤-21.20	46.12	≤74	PASS
				Peak	2373.815	-47.99	≤-21.20	47.21	≤74	PASS
				Peak	2390.000	-48.4	≤-21.20	46.80	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-48.89	≤-21.20	46.31	≤74	PASS
				Peak	2484.960	-42.44	≤-21.20	52.76	≤74	PASS
				Peak	2500.000	-48.56	≤-21.20	46.64	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-58.16	≤-41.20	37.04	≤54	PASS
				AV	2389.880	-57.33	≤-41.20	37.87	≤54	PASS
				AV	2390.000	-57.56	≤-41.20	37.64	≤54	PASS
				Peak	2310.000	-53.7	≤-21.20	41.50	≤74	PASS
				Peak	2350.505	-48.34	≤-21.20	46.86	≤74	PASS
				Peak	2390.000	-53.55	≤-21.20	41.65	≤74	PASS
		High	2480	AV	2483.500	-50.81	≤-41.20	44.39	≤54	PASS
				AV	2483.520	-50.81	≤-41.20	44.39	≤54	PASS
				AV	2500.000	-57.11	≤-41.20	38.09	≤54	PASS
				Peak	2483.500	-52.09	≤-21.20	43.11	≤74	PASS
				Peak	2484.320	-48.1	≤-21.20	47.10	≤74	PASS
				Peak	2500.000	-51.85	≤-21.20	43.35	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-49.53	≤-21.20	45.67	≤74	PASS
				Peak	2379.380	-47.59	≤-21.20	47.61	≤74	PASS
				Peak	2390.000	-50.31	≤-21.20	44.89	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-47.4	≤-21.20	47.80	≤74	PASS
				Peak	2484.080	-45.35	≤-21.20	49.85	≤74	PASS



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3DH5	Ant1	Low	2402	Peak	2500.000	-48.5	≤-21.20	46.70	≤74	PASS
				AV	2310.000	-58.2	≤-41.20	37.00	≤54	PASS
				AV	2389.670	-57.37	≤-41.20	37.83	≤54	PASS
				AV	2390.000	-57.63	≤-41.20	37.57	≤54	PASS
				Peak	2310.000	-53.35	≤-21.20	41.85	≤74	PASS
				Peak	2340.845	-47.89	≤-21.20	47.31	≤74	PASS
				Peak	2390.000	-52.16	≤-21.20	43.04	≤74	PASS
		High	2480	AV	2483.500	-51.2	≤-41.20	44.00	≤54	PASS
				AV	2483.520	-51.2	≤-41.20	44.00	≤54	PASS
				AV	2500.000	-57.1	≤-41.20	38.10	≤54	PASS
				Peak	2483.500	-51.16	≤-21.20	44.04	≤74	PASS
				Peak	2483.920	-47.65	≤-21.20	47.55	≤74	PASS
				Peak	2500.000	-51.4	≤-21.20	43.80	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-50.51	≤-21.20	44.69	≤74	PASS
				Peak	2381.900	-47.3	≤-21.20	47.90	≤74	PASS
				Peak	2390.000	-49.61	≤-21.20	45.59	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-47.63	≤-21.20	47.57	≤74	PASS
				Peak	2487.360	-46.5	≤-21.20	48.70	≤74	PASS
				Peak	2500.000	-47.77	≤-21.20	47.43	≤74	PASS

Note:

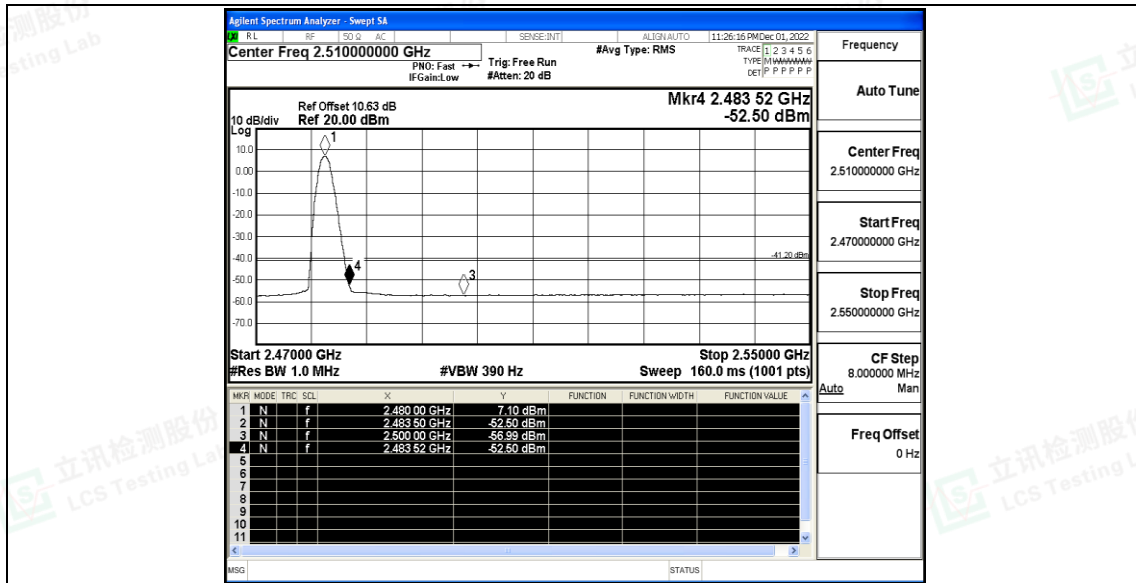
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



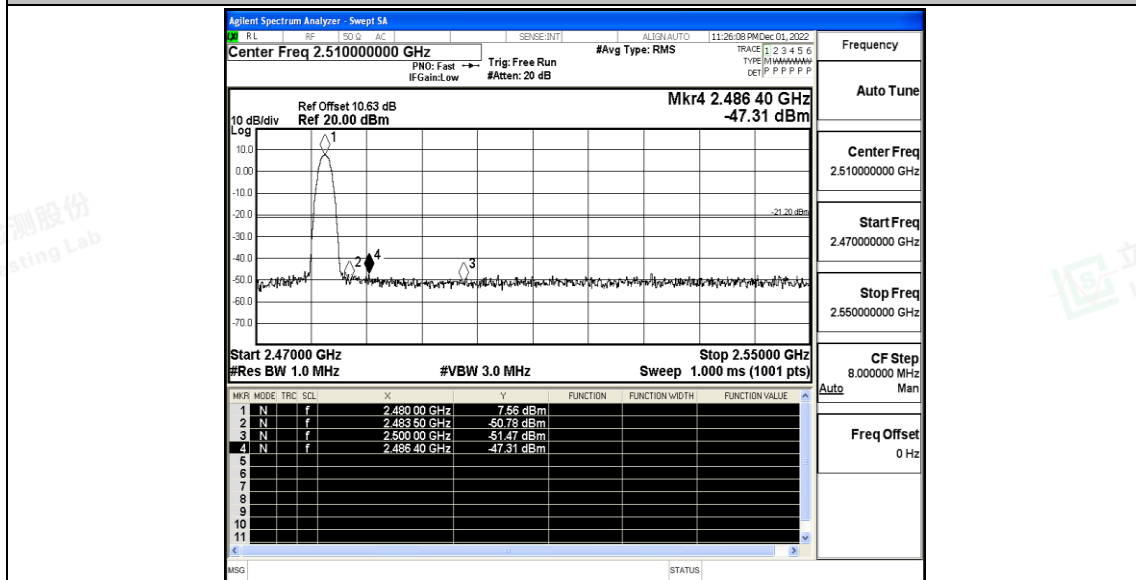


Test Graphs



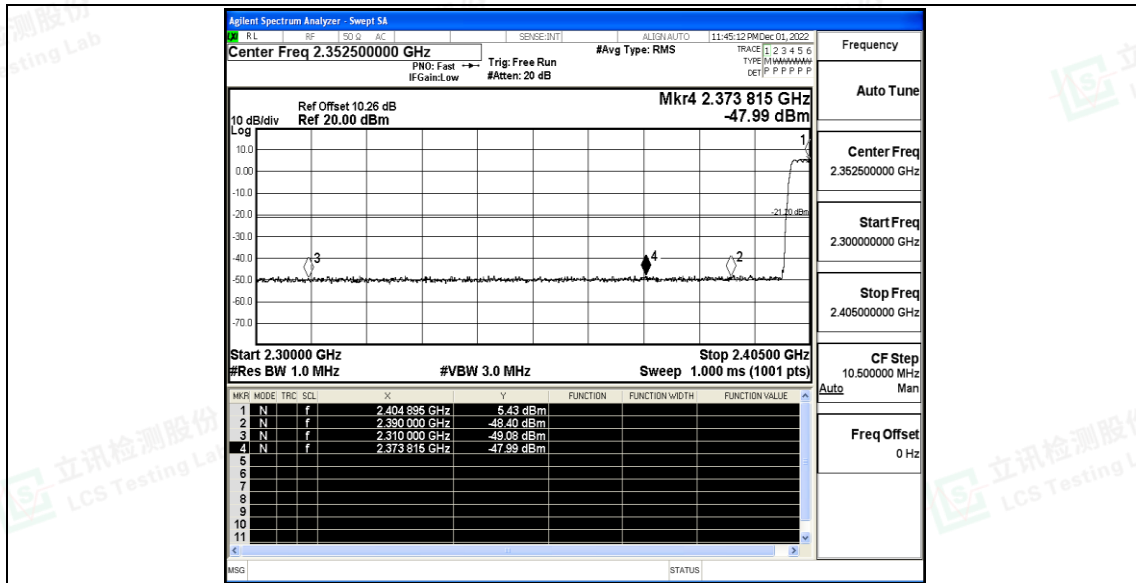


DH5_Ant1_High_2480_Peak

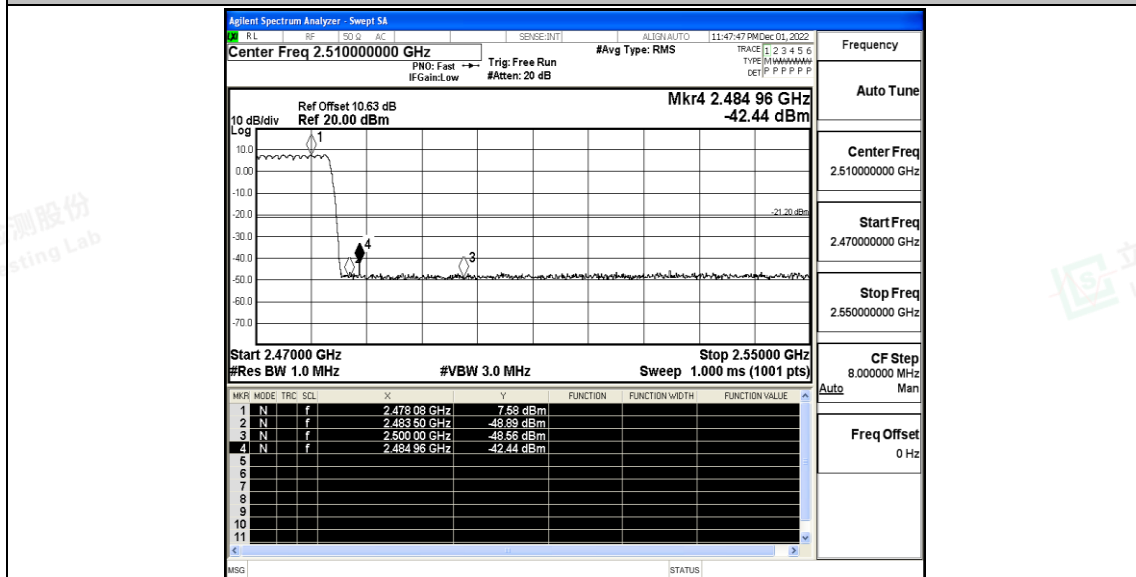


DH5_Ant1_Low_Hop_2402_Peak



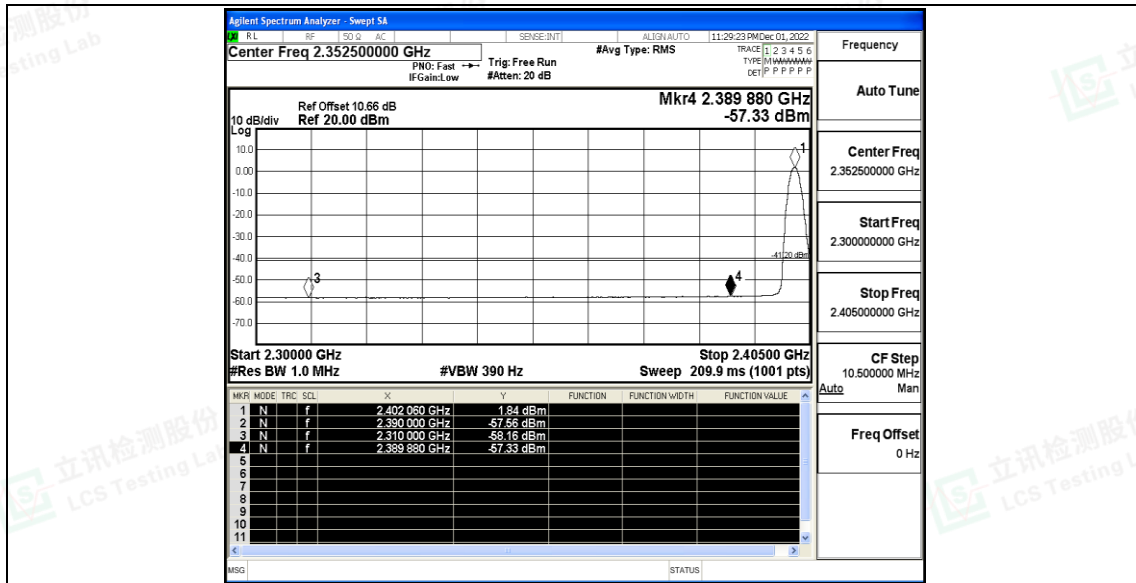


DH5_Ant1_High_Hop_2480_Peak

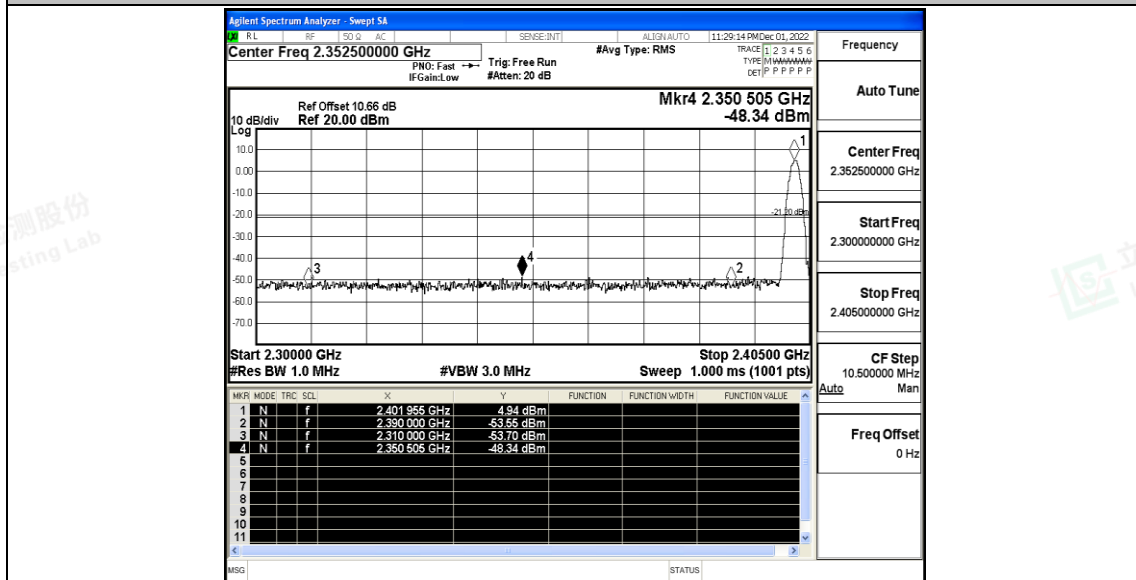


2DH5_Ant1_Low_2402_AV



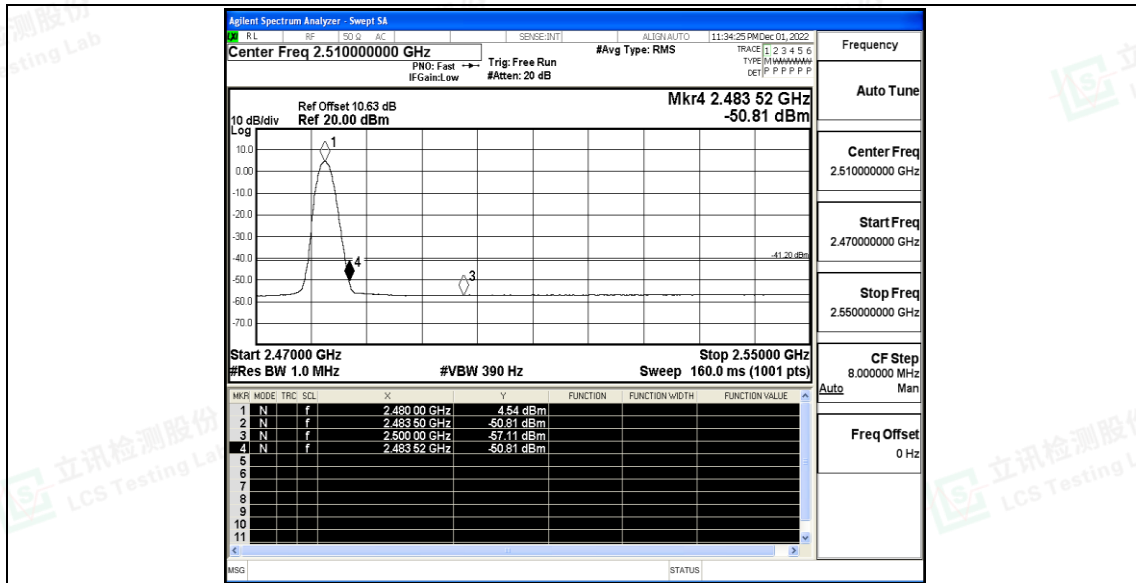


2DH5_Ant1_Low_2402_Peak

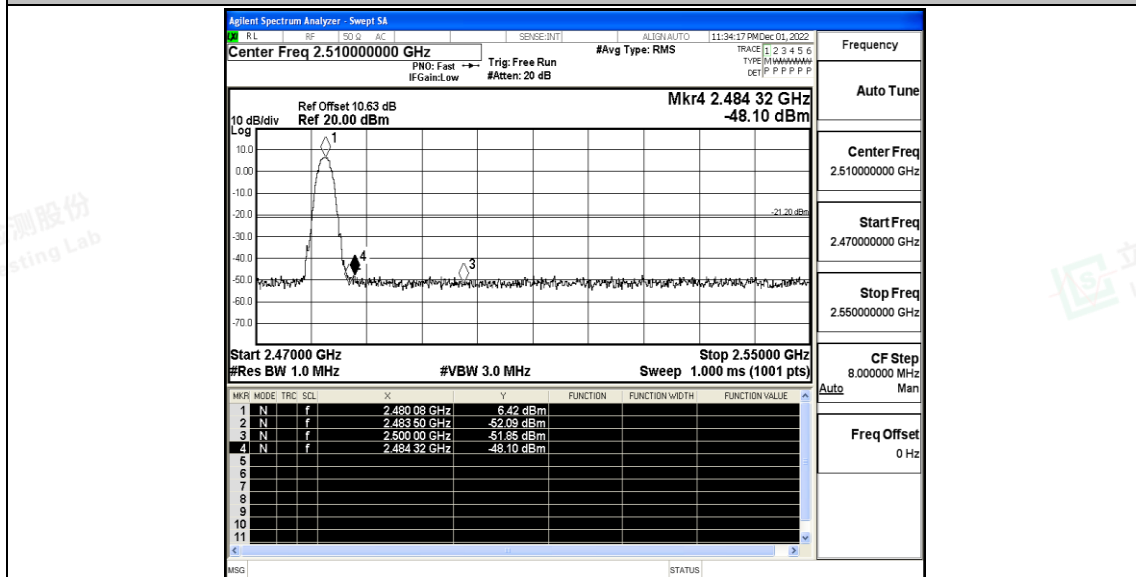


2DH5_Ant1_High_2480_AV



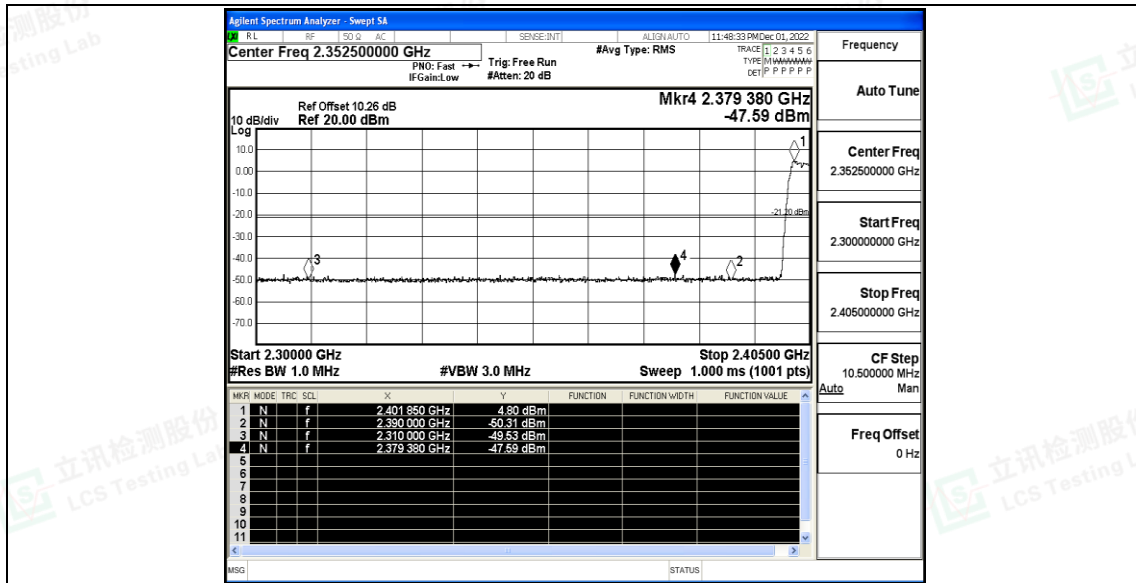


2DH5_Ant1_High_2480_Peak

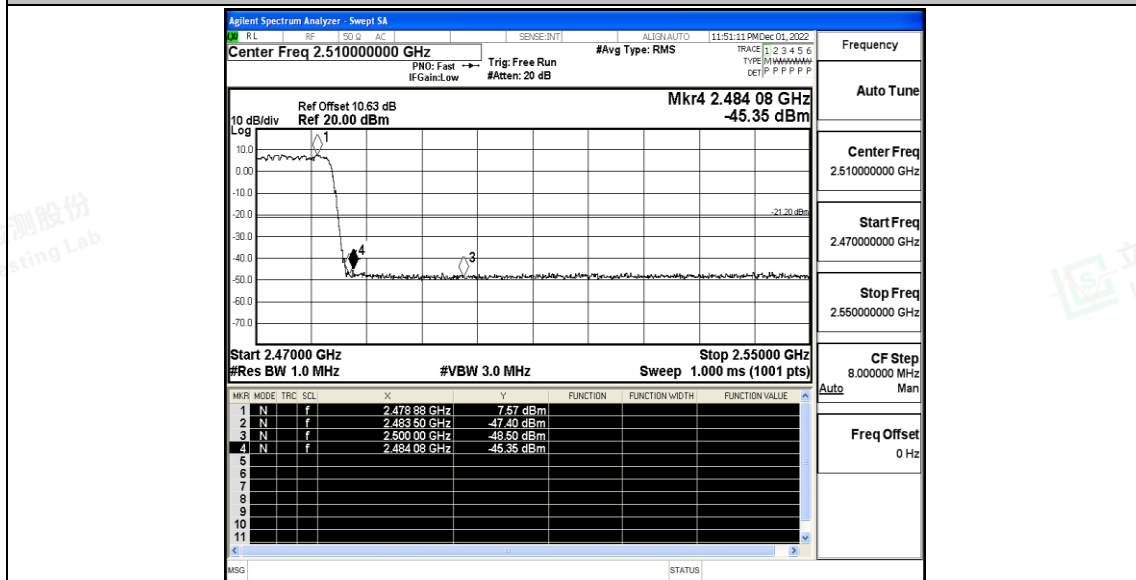


2DH5_Ant1_Low_Hop_2402_Peak





2DH5_Ant1_High_Hop_2480_Peak



3DH5_Ant1_Low_2402_AV

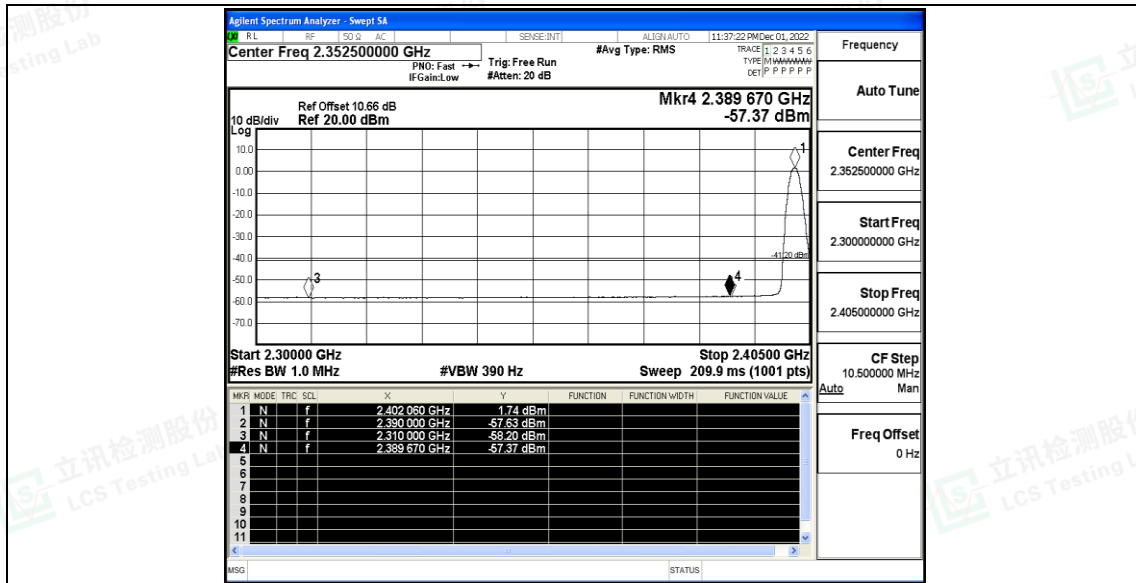


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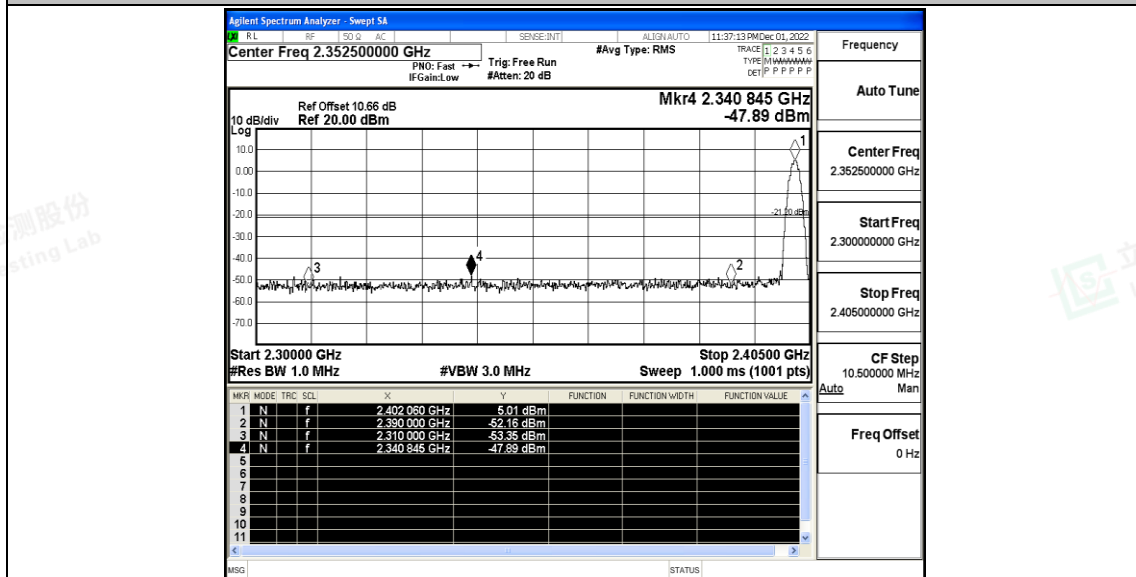
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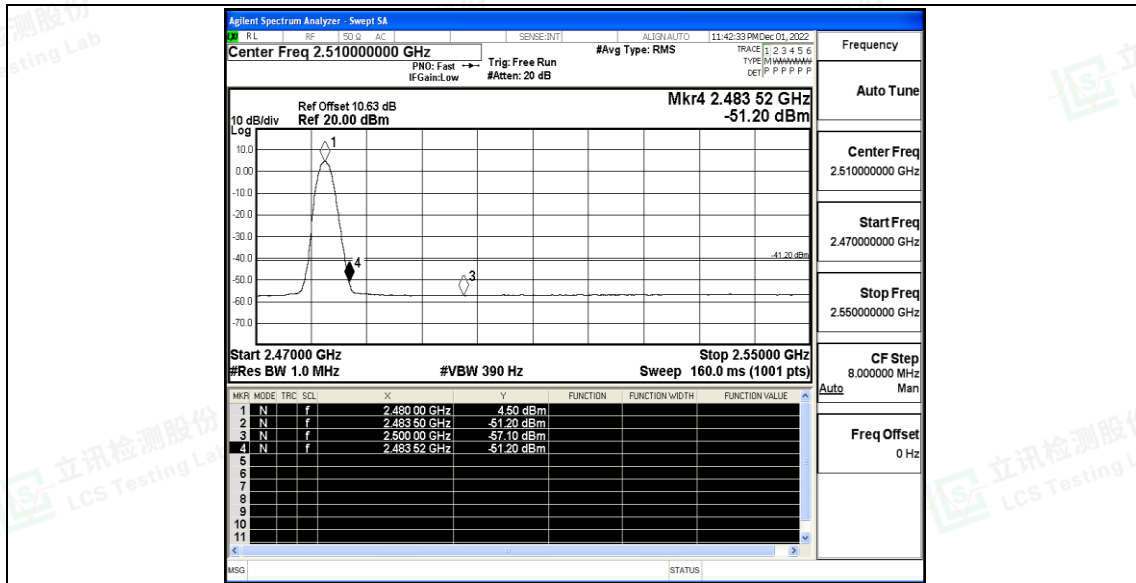


3DH5_Ant1_Low_2402_Peak

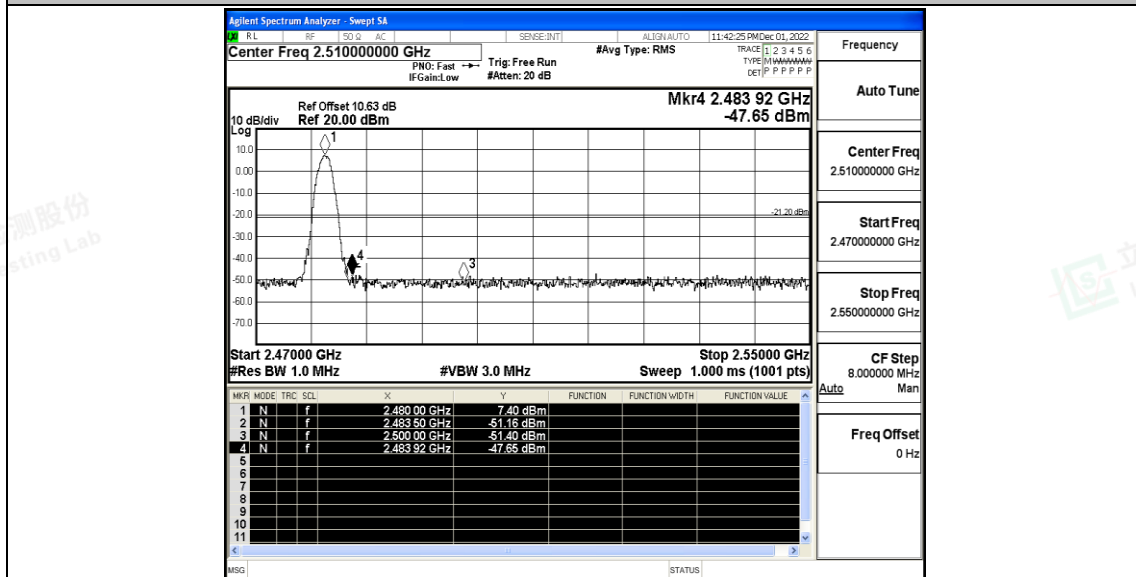


3DH5_Ant1_High_2480_AV





3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak



