



A.8 Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-60.63	≤-20.36	PASS
			1000~26500	-0.36	-45.94	≤-20.36	PASS
		2441	Reference	-0.37	-0.37	---	PASS
			30~1000	-0.37	-60.58	≤-20.37	PASS
			1000~26500	-0.37	-45.23	≤-20.37	PASS
		2480	Reference	-0.38	-0.38	---	PASS
			30~1000	-0.38	-60.34	≤-20.38	PASS
			1000~26500	-0.38	-45.8	≤-20.38	PASS
2DH5	Ant1	2402	Reference	-2.91	-2.91	---	PASS
			30~1000	-2.91	-61.04	≤-22.91	PASS
			1000~26500	-2.91	-46.1	≤-22.91	PASS
		2441	Reference	-4.21	-4.21	---	PASS
			30~1000	-4.21	-60.2	≤-24.21	PASS
			1000~26500	-4.21	-46.51	≤-24.21	PASS
		2480	Reference	-5.10	-5.10	---	PASS
			30~1000	-5.10	-60.37	≤-25.1	PASS
			1000~26500	-5.10	-46.31	≤-25.1	PASS
3DH5	Ant1	2402	Reference	-4.99	-4.99	---	PASS
			30~1000	-4.99	-60	≤-24.99	PASS
			1000~26500	-4.99	-45.79	≤-24.99	PASS
		2441	Reference	-4.22	-4.22	---	PASS
			30~1000	-4.22	-60.16	≤-24.22	PASS
			1000~26500	-4.22	-45.67	≤-24.22	PASS
		2480	Reference	-4.73	-4.73	---	PASS
			30~1000	-4.73	-60.69	≤-24.73	PASS
			1000~26500	-4.73	-45.23	≤-24.73	PASS



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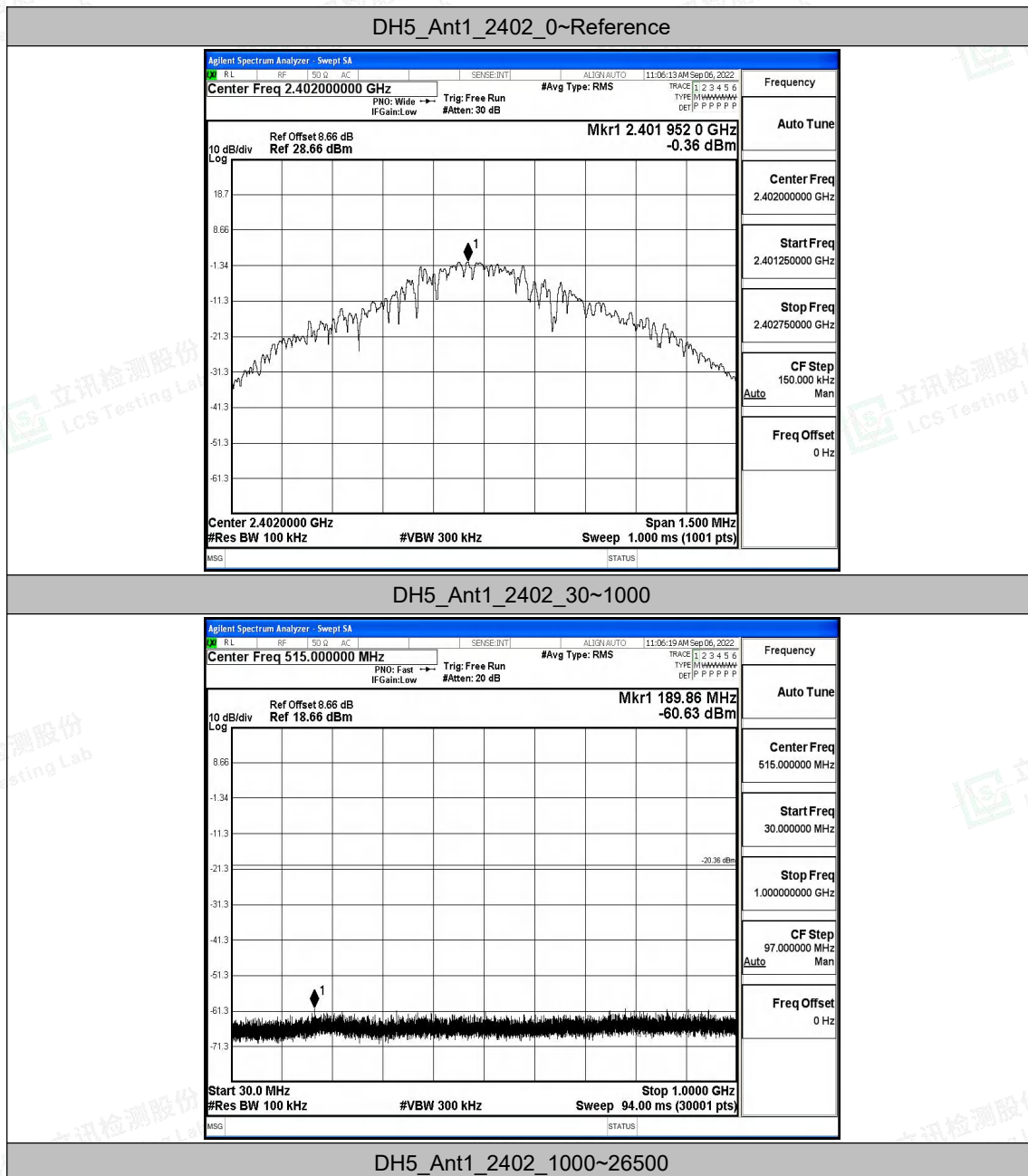
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Test Graphs

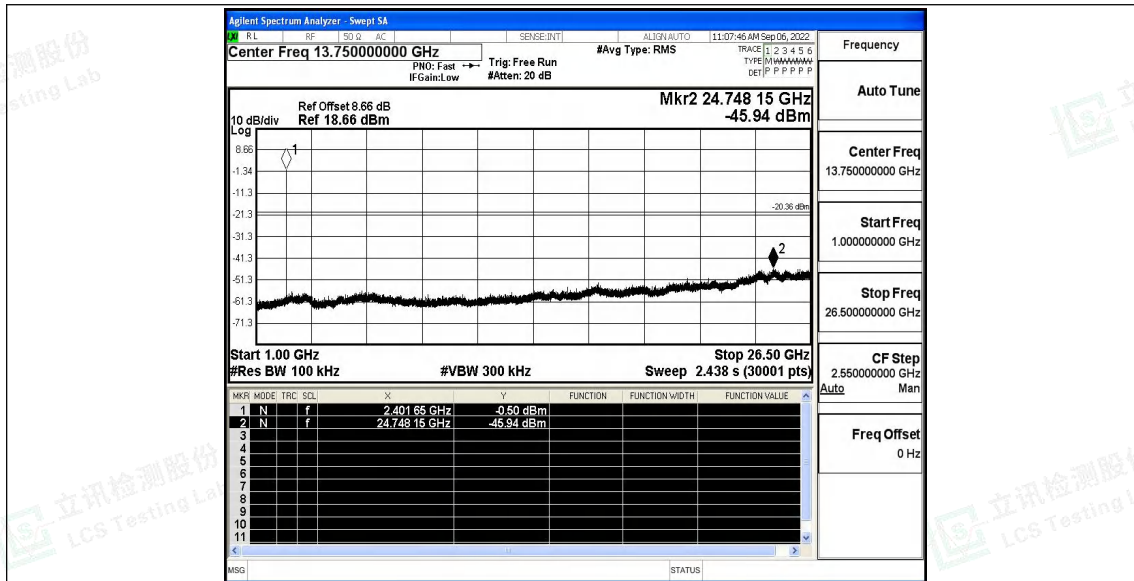


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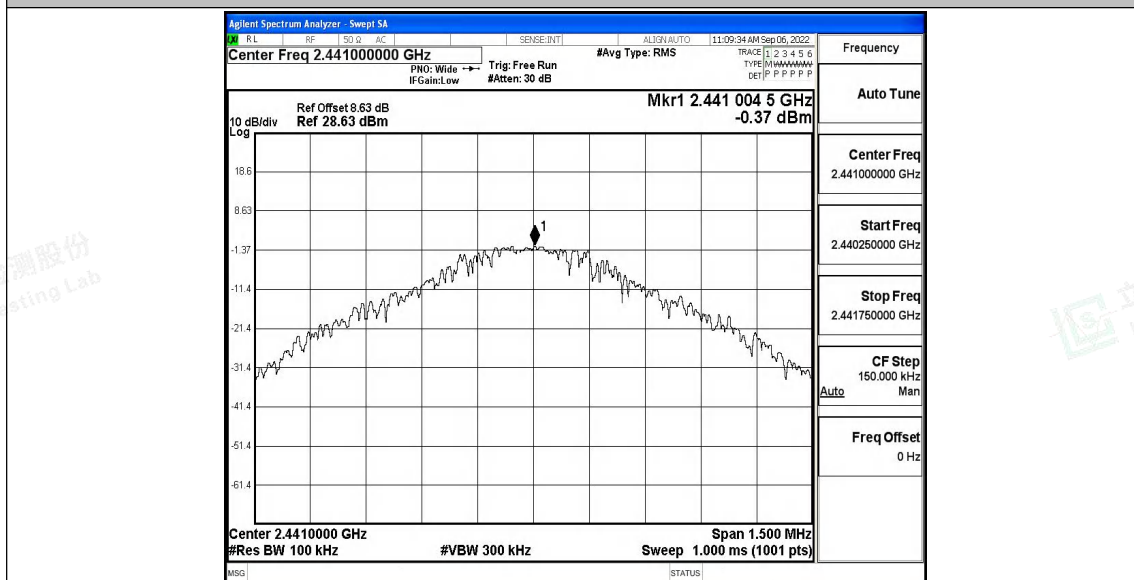
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DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

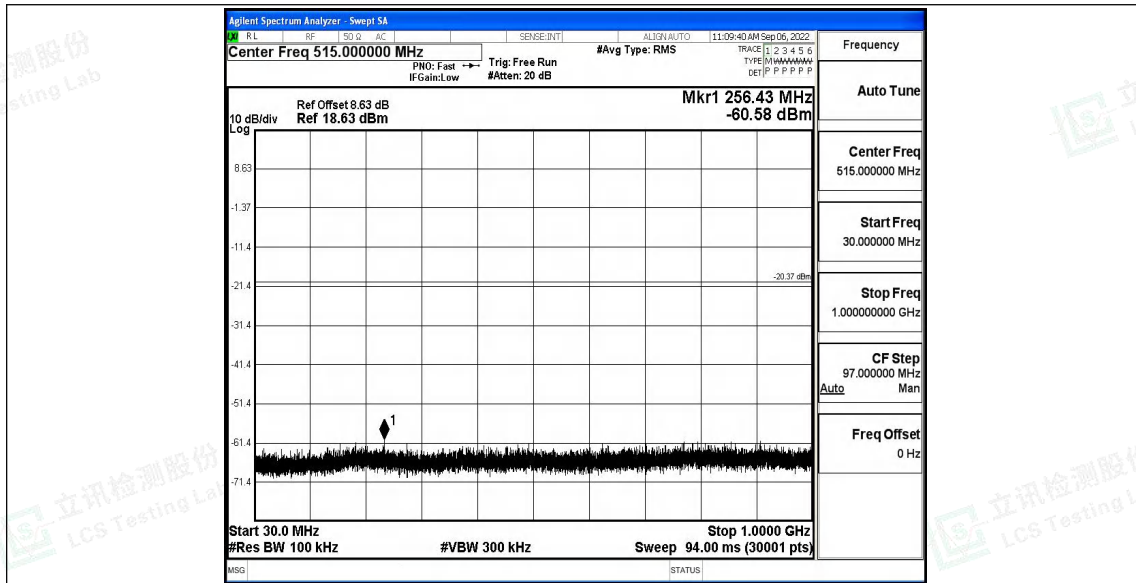


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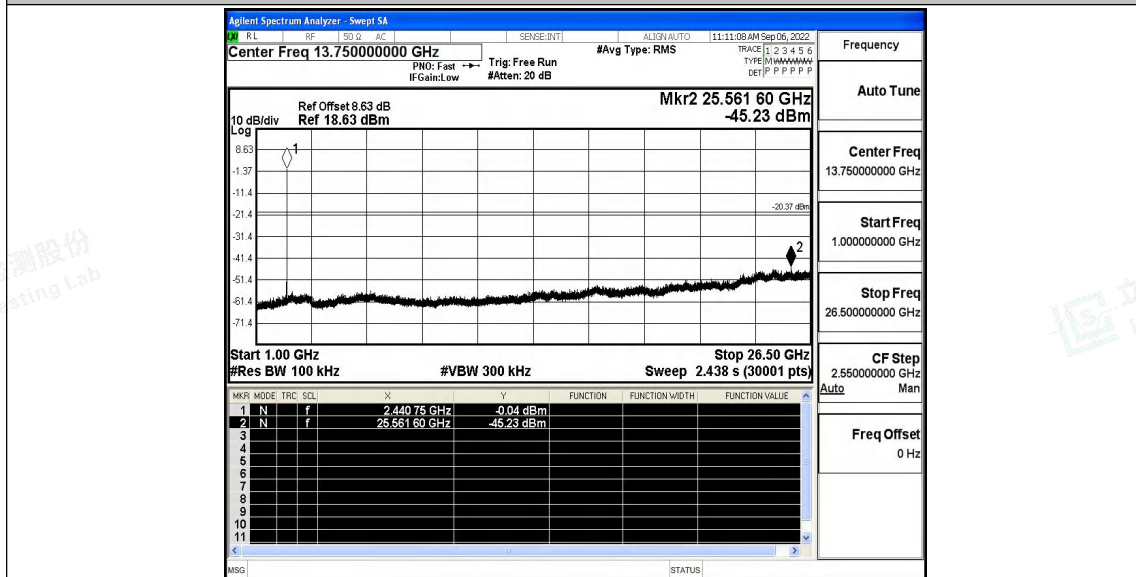
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DH5_Ant1_2441_1000~26500



DH5_Ant1_2480_0~Reference

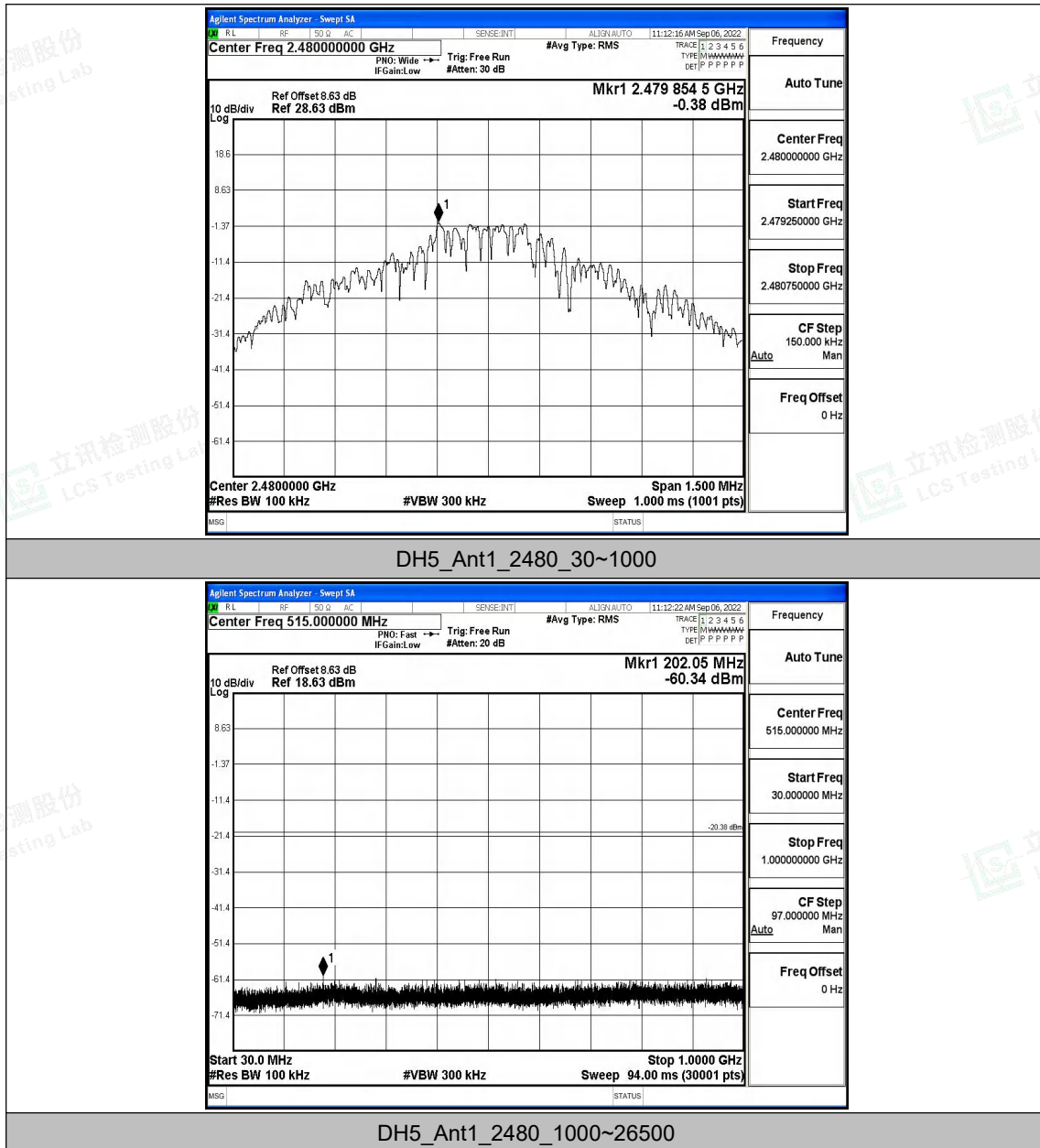


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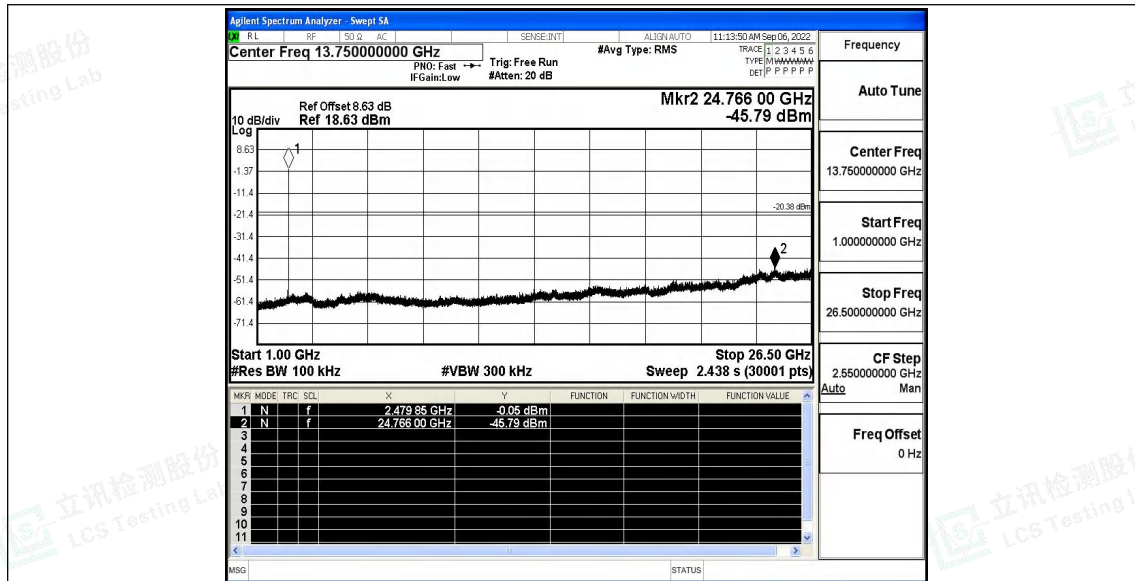


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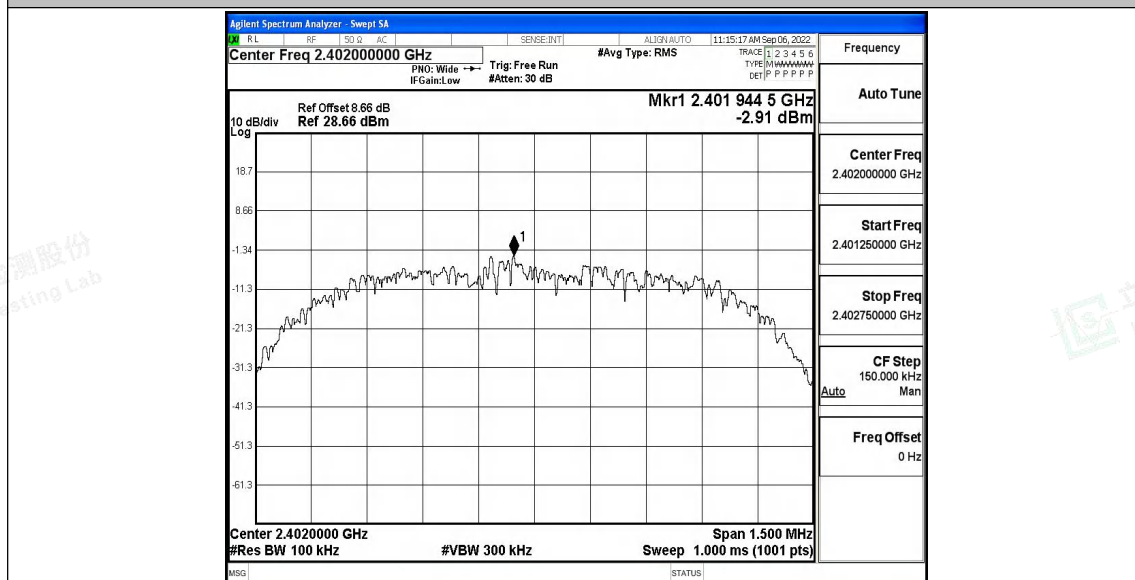
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2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000

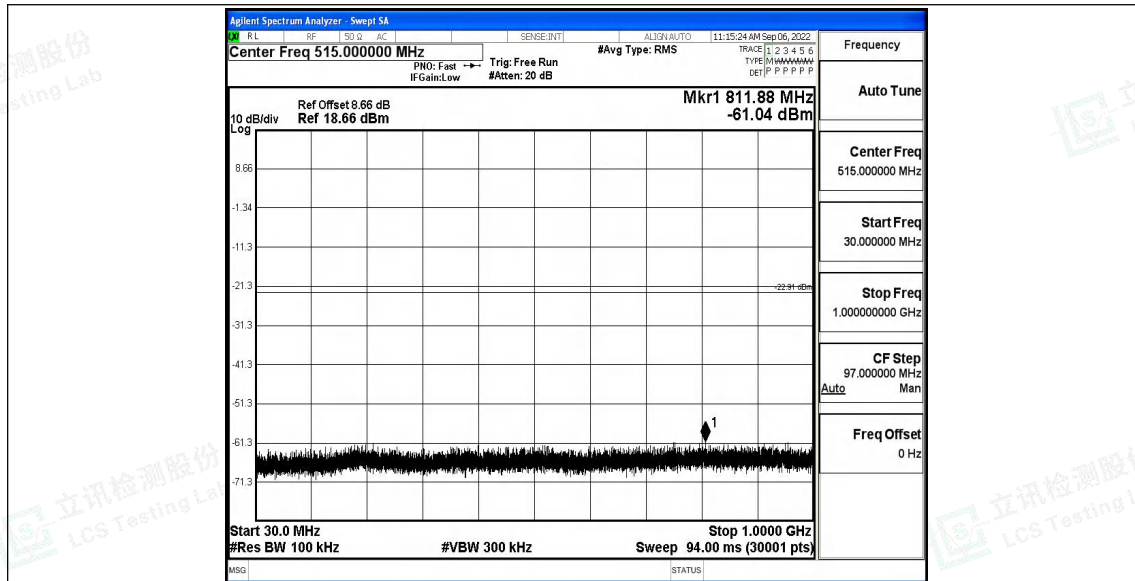


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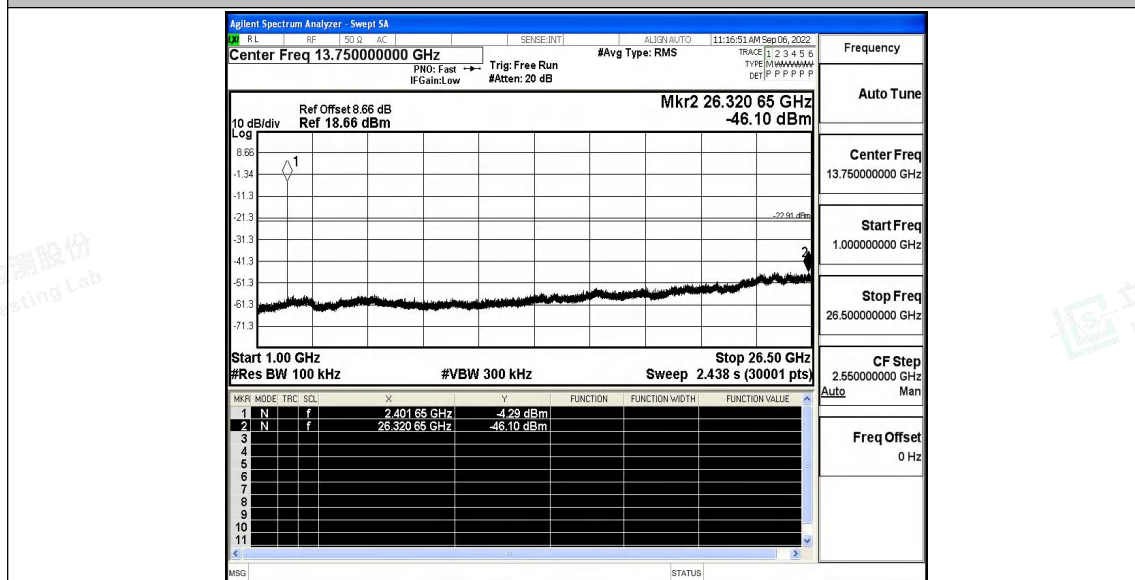
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2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference

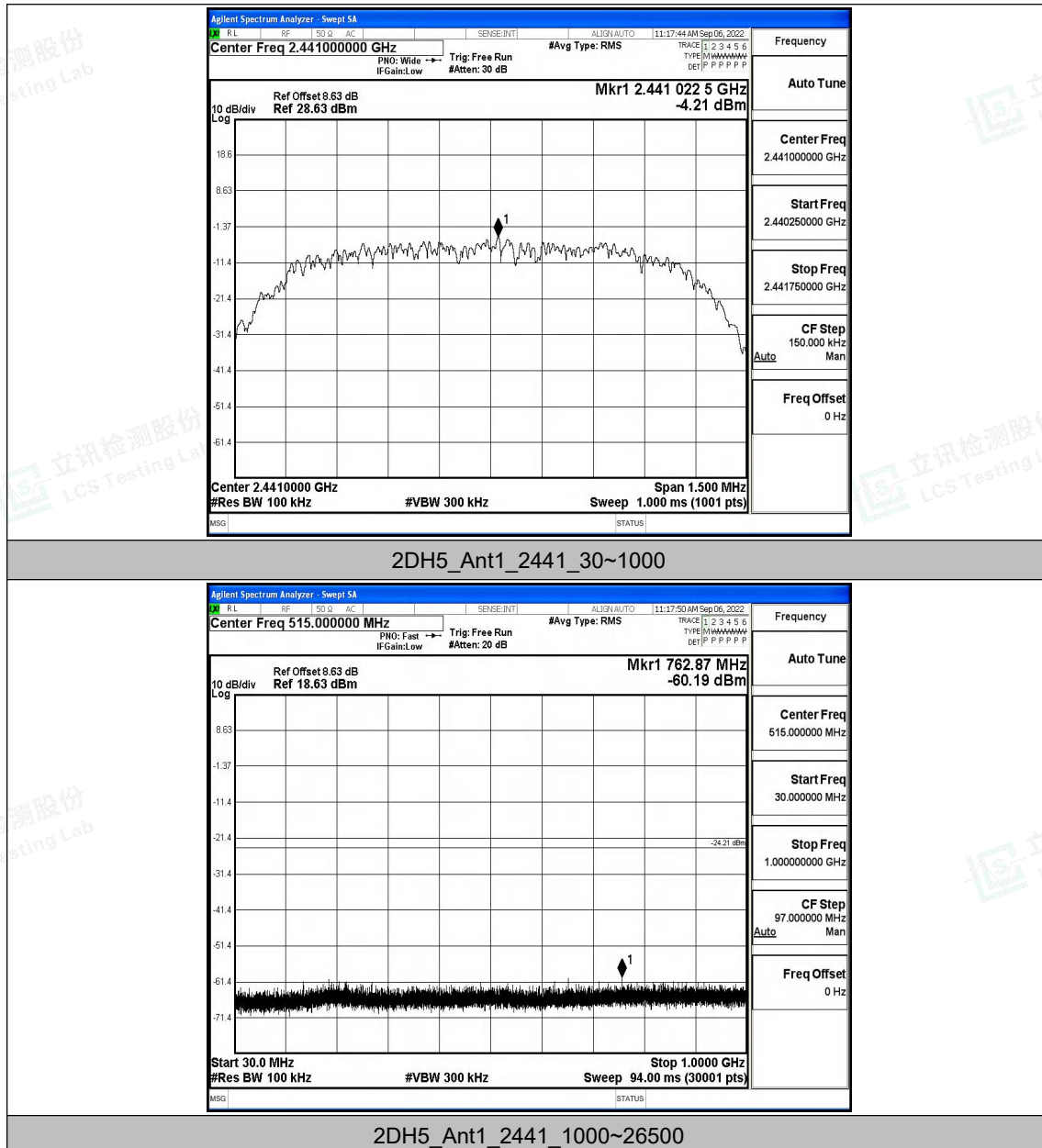


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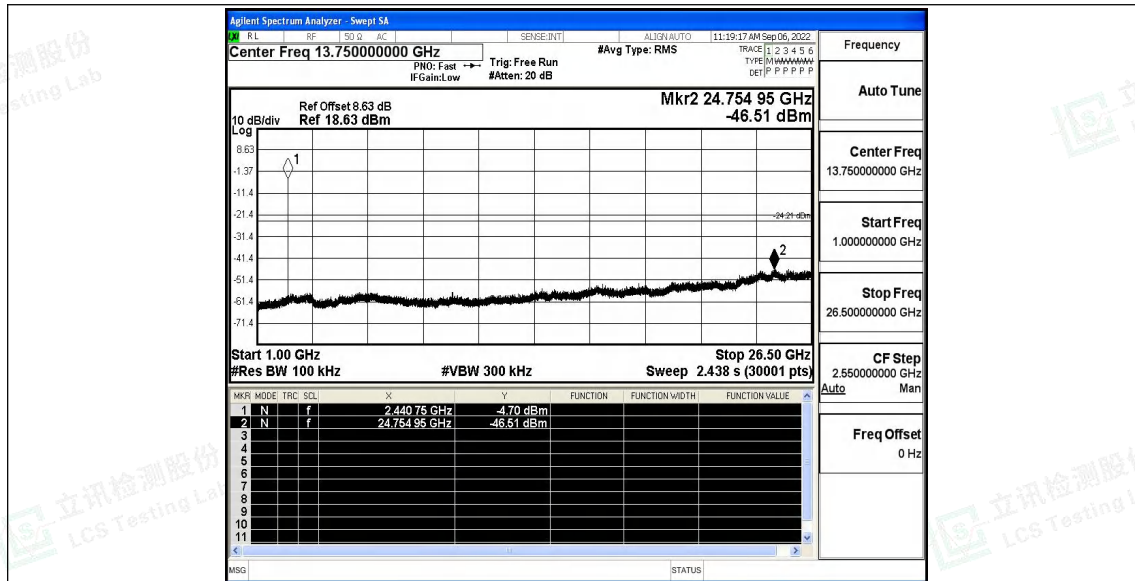


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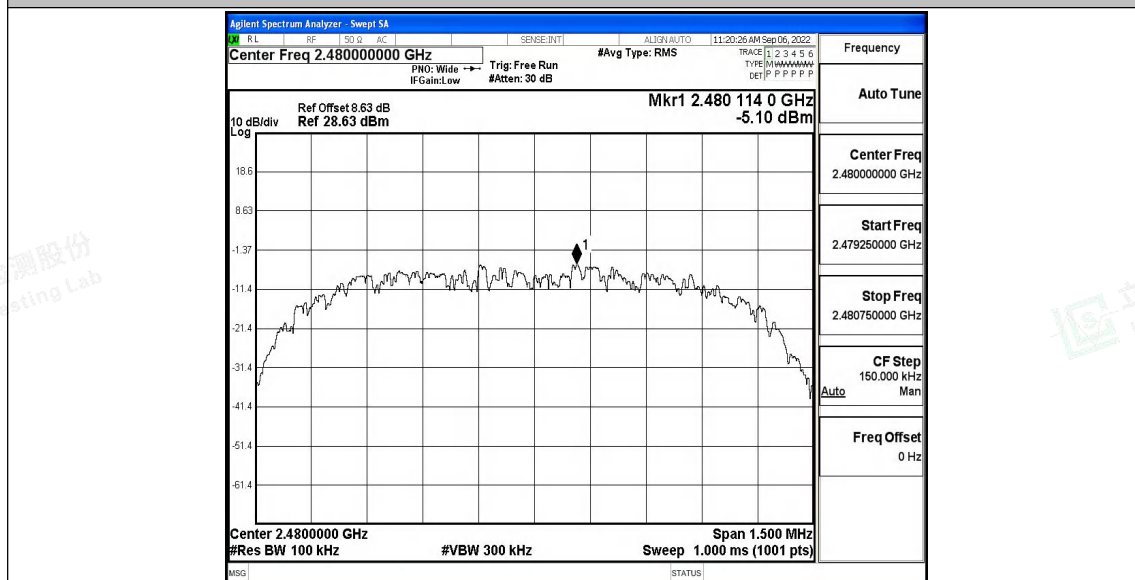
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2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000

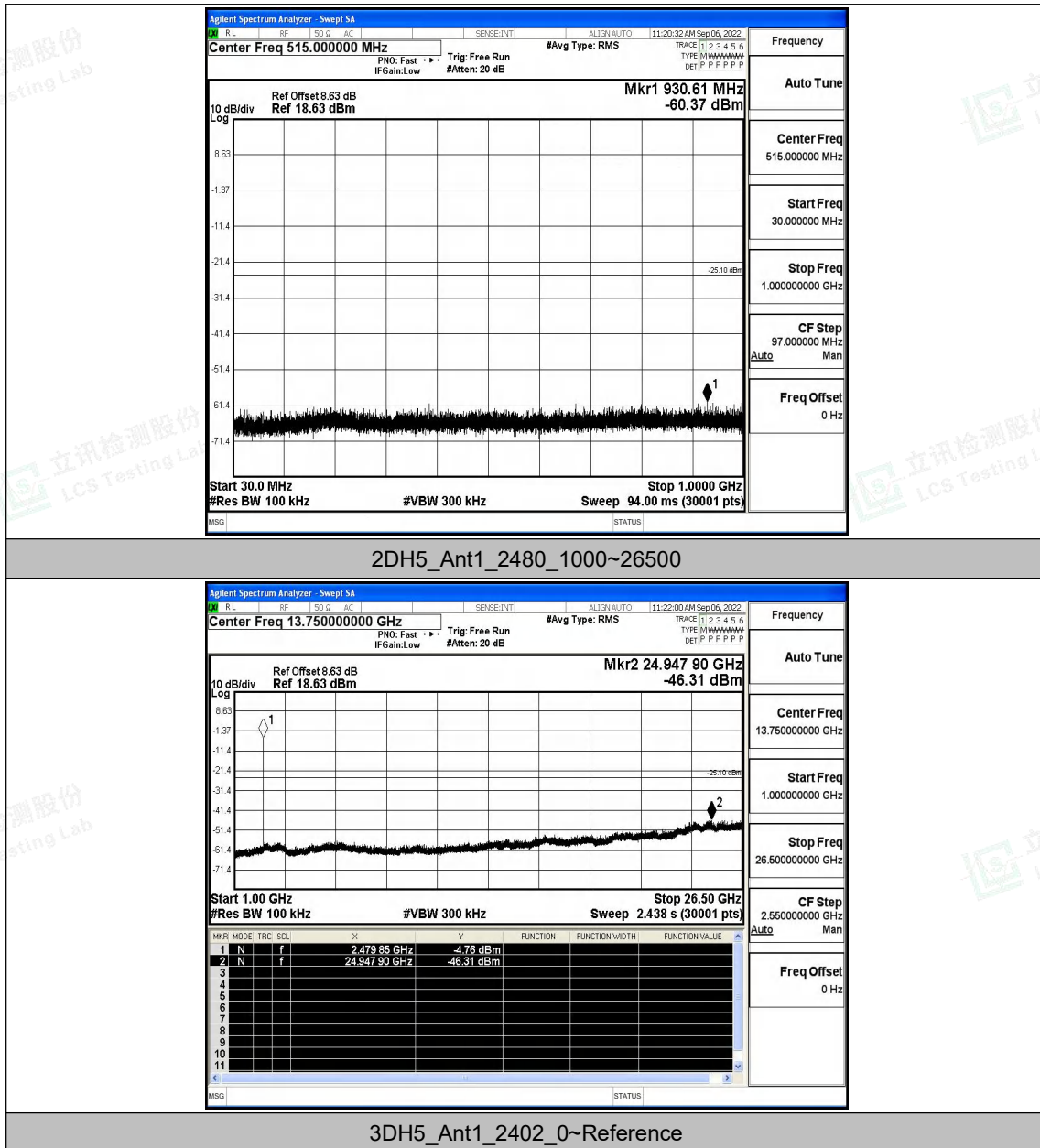


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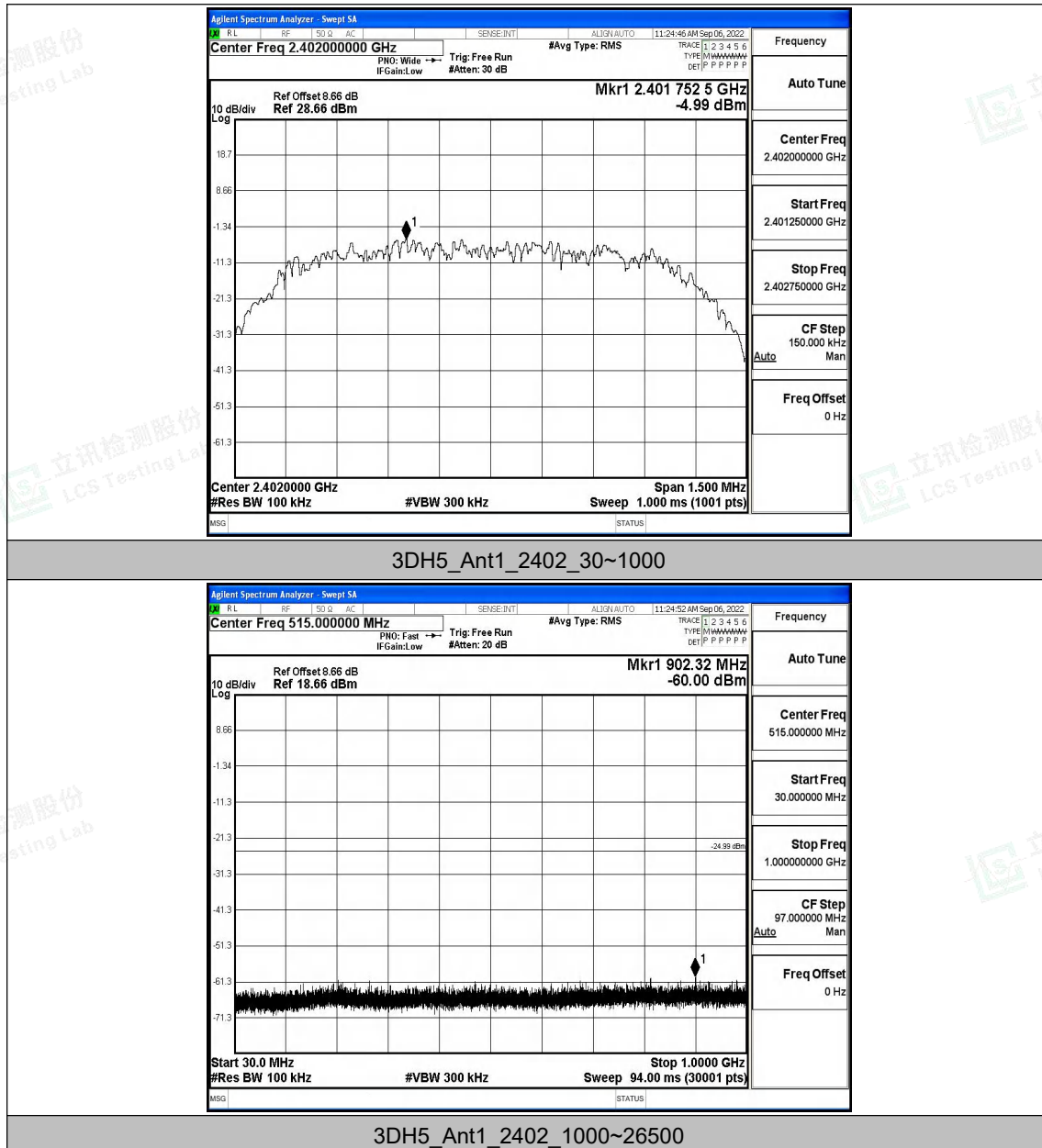


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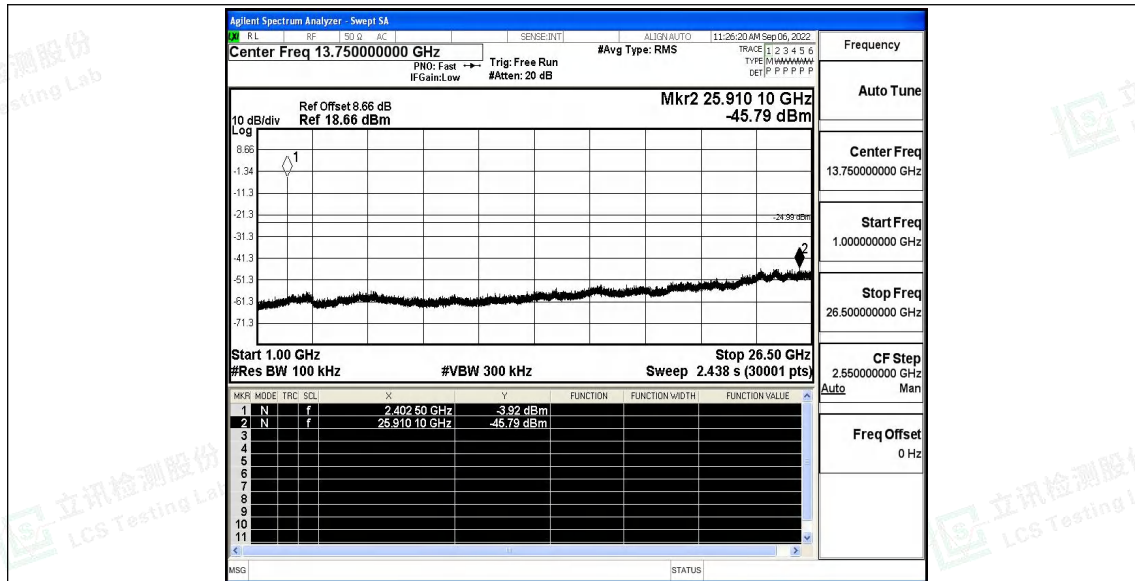


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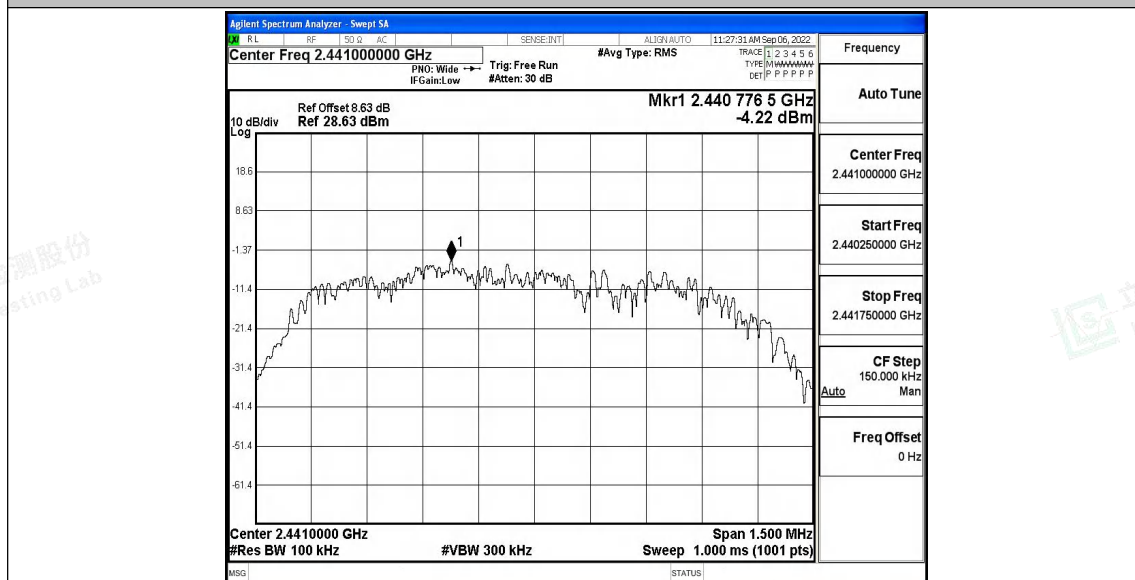
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3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000

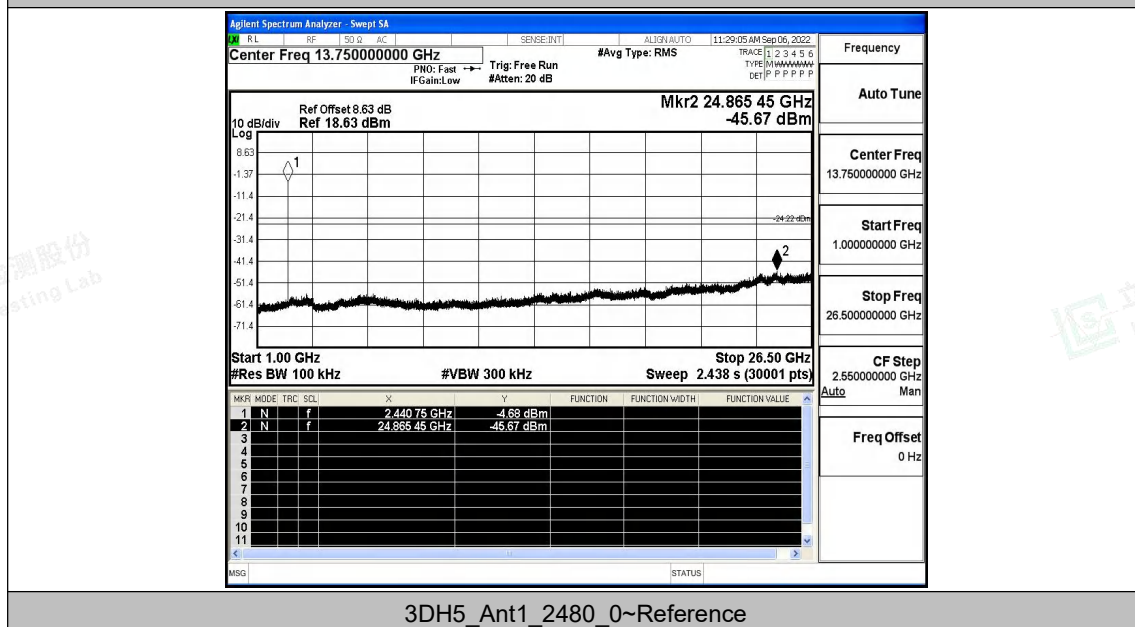
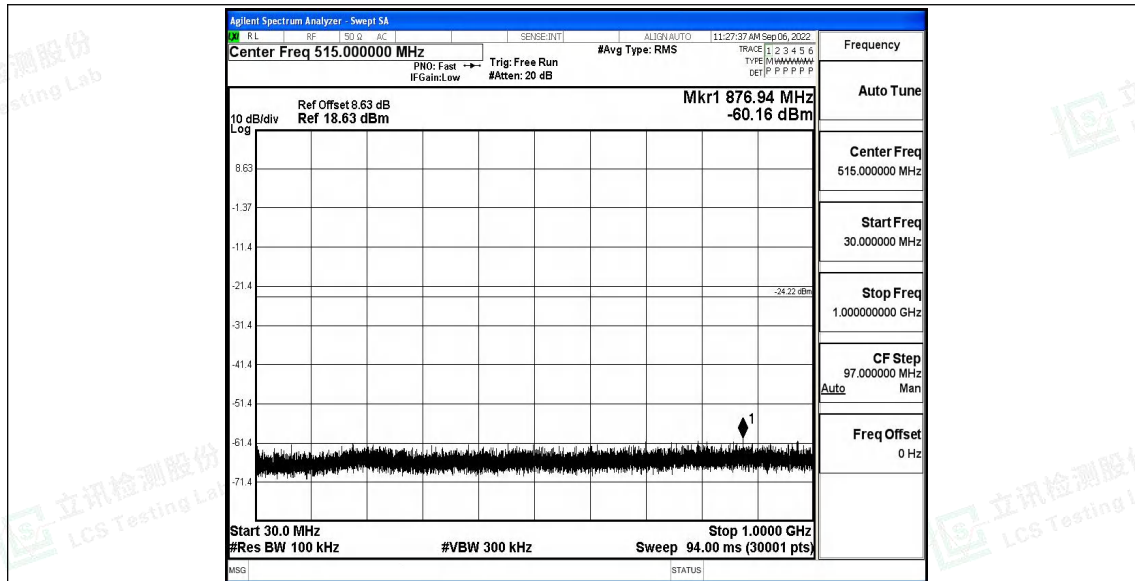


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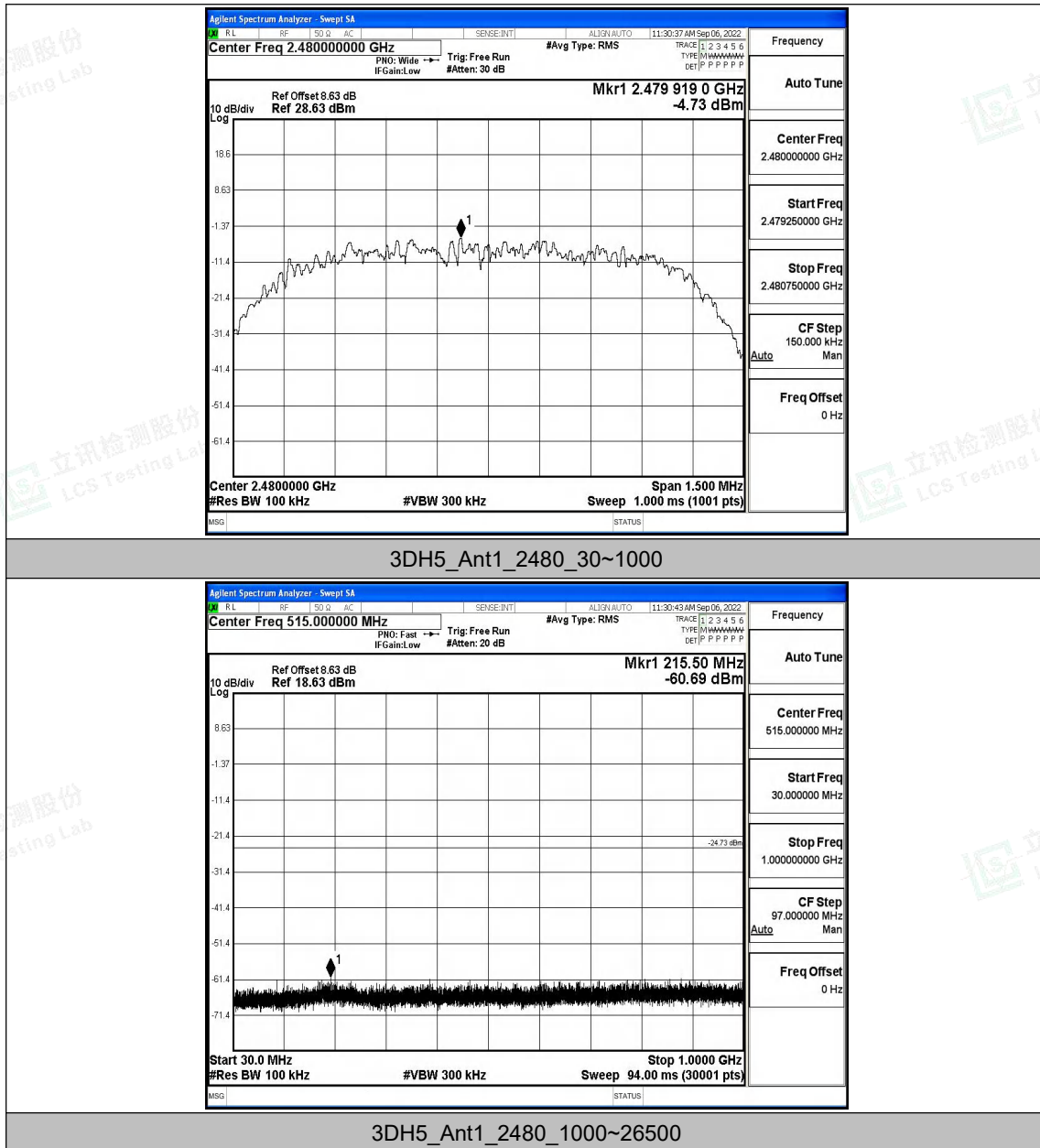


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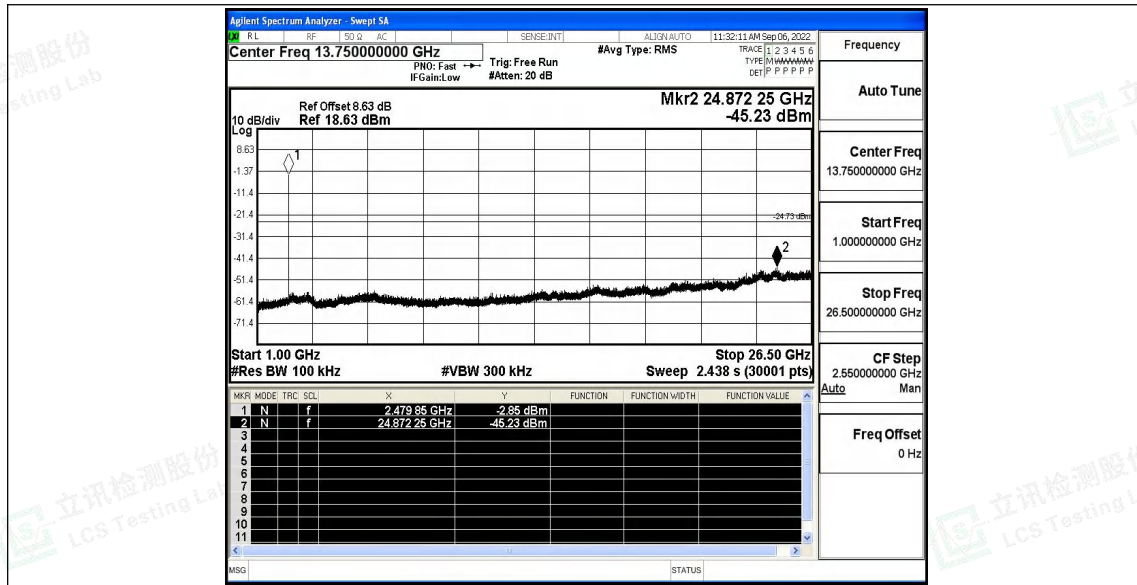


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A.9 Emissions in Restricted Bands

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	-58.14	≤-41.20	37.06	≤54	PASS
				AV	2389.250	-57.42	≤-41.20	37.78	≤54	PASS
				AV	2390.000	-57.56	≤-41.20	37.64	≤54	PASS
				Peak	2310.000	-52.58	≤-21.20	42.62	≤74	PASS
				Peak	2366.885	-49.11	≤-21.20	46.09	≤74	PASS
				Peak	2390.000	-52.11	≤-21.20	43.09	≤74	PASS
		High	2480	AV	2483.500	-55.27	≤-41.20	39.93	≤54	PASS
				AV	2483.520	-55.27	≤-41.20	39.93	≤54	PASS
				AV	2500.000	-57.21	≤-41.20	37.99	≤54	PASS
				Peak	2483.500	-51.56	≤-21.20	43.64	≤74	PASS
				Peak	2494.800	-48.95	≤-21.20	46.25	≤74	PASS
				Peak	2500.000	-52.51	≤-21.20	42.69	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-49.92	≤-21.20	45.28	≤74	PASS
				Peak	2359.325	-46.49	≤-21.20	48.71	≤74	PASS
				Peak	2390.000	-50.43	≤-21.20	44.77	≤74	PASS
		High	Hop_2480	Peak	2483.500	-48.72	≤-21.20	46.48	≤74	PASS
				Peak	2484.640	-46.58	≤-21.20	48.62	≤74	PASS
				Peak	2500.000	-48.9	≤-21.20	46.30	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-58.15	≤-41.20	37.05	≤54	PASS
				AV	2388.200	-57.54	≤-41.20	37.66	≤54	PASS
				AV	2390.000	-57.72	≤-41.20	37.48	≤54	PASS
				Peak	2310.000	-54.18	≤-21.20	41.02	≤74	PASS
				Peak	2364.050	-48.38	≤-21.20	46.82	≤74	PASS
				Peak	2390.000	-50.44	≤-21.20	44.76	≤74	PASS
		High	2480	AV	2483.500	-55.41	≤-41.20	39.79	≤54	PASS
				AV	2483.520	-55.41	≤-41.20	39.79	≤54	PASS
				AV	2500.000	-57.23	≤-41.20	37.97	≤54	PASS
				Peak	2483.500	-52.34	≤-21.20	42.86	≤74	PASS
				Peak	2493.600	-48.22	≤-21.20	46.98	≤74	PASS
				Peak	2500.000	-49.91	≤-21.20	45.29	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-49.82	≤-21.20	45.38	≤74	PASS
				Peak	2384.840	-47.43	≤-21.20	47.77	≤74	PASS
				Peak	2390.000	-49.88	≤-21.20	45.32	≤74	PASS
		High	Hop_2480	Peak	2483.500	-48.85	≤-21.20	46.35	≤74	PASS
				Peak	2498.800	-46.44	≤-21.20	48.76	≤74	PASS
				Peak	2500.000	-49.04	≤-21.20	46.16	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-58.08	≤-41.20	37.12	≤54	PASS



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				AV	2389.985	-57.5	≤ -41.20	37.70	≤ 54	PASS
				AV	2390.000	-57.5	≤ -41.20	37.70	≤ 54	PASS
				Peak	2310.000	-52.65	≤ -21.20	42.55	≤ 74	PASS
				Peak	2389.250	-48.15	≤ -21.20	47.05	≤ 74	PASS
				Peak	2390.000	-52.48	≤ -21.20	42.72	≤ 74	PASS
		High	2480	AV	2483.500	-55.2	≤ -41.20	40.00	≤ 54	PASS
				AV	2483.520	-55.2	≤ -41.20	40.00	≤ 54	PASS
				AV	2500.000	-57.26	≤ -41.20	37.94	≤ 54	PASS
				Peak	2483.500	-50.25	≤ -21.20	44.95	≤ 74	PASS
				Peak	2488.480	-48.1	≤ -21.20	47.10	≤ 74	PASS
				Peak	2500.000	-52.51	≤ -21.20	42.69	≤ 74	PASS
		Low	Hop_24 02	Peak	2310.000	-48.52	≤ -21.20	46.68	≤ 74	PASS
				Peak	2312.180	-47	≤ -21.20	48.20	≤ 74	PASS
				Peak	2390.000	-50.29	≤ -21.20	44.91	≤ 74	PASS
		High	Hop_24 80	Peak	2483.500	-49.33	≤ -21.20	45.87	≤ 74	PASS
				Peak	2492.320	-46.22	≤ -21.20	48.98	≤ 74	PASS
				Peak	2500.000	-49.36	≤ -21.20	45.84	≤ 74	PASS

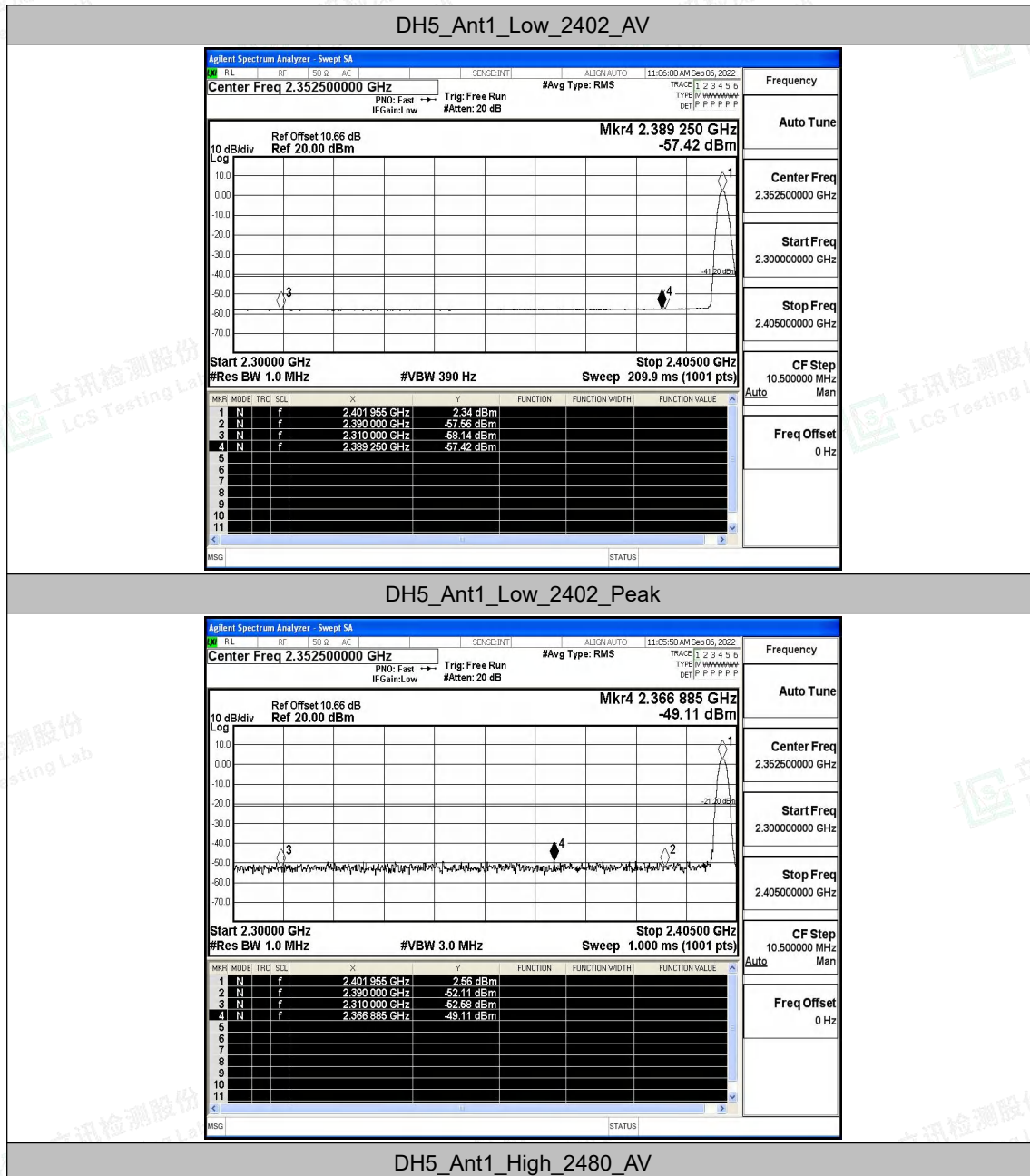
Note:

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

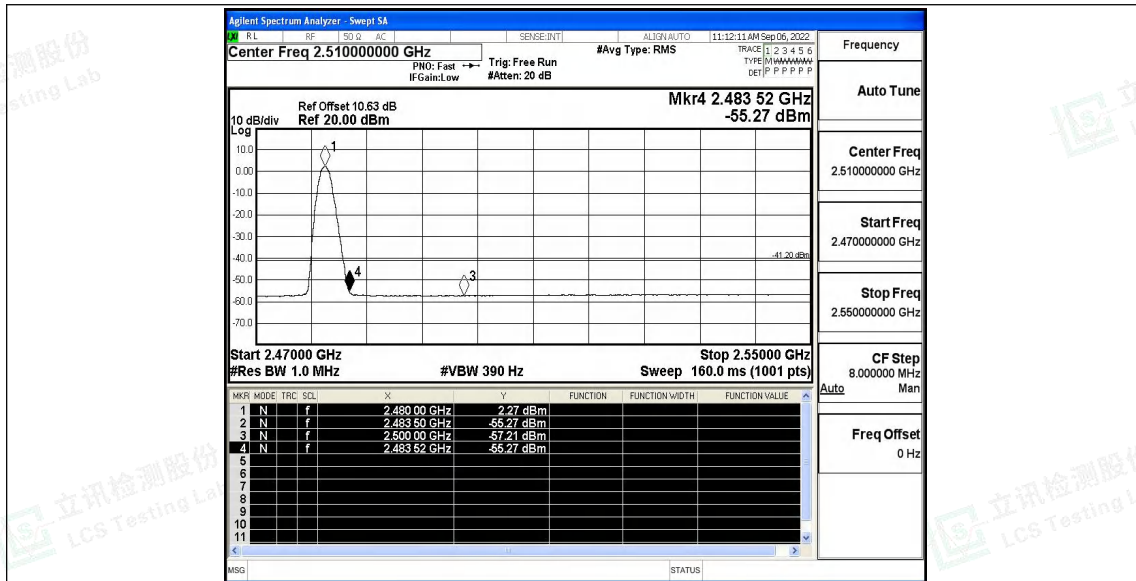


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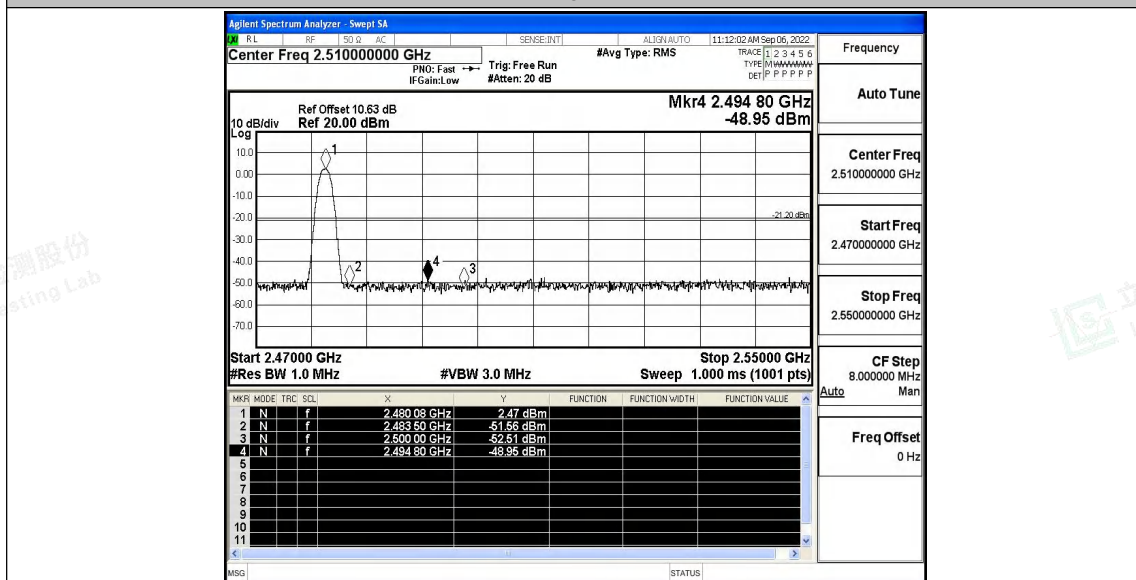
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DH5_Ant1_High_2480_Peak



DH5_Ant1_Low_Hop_2402_Peak

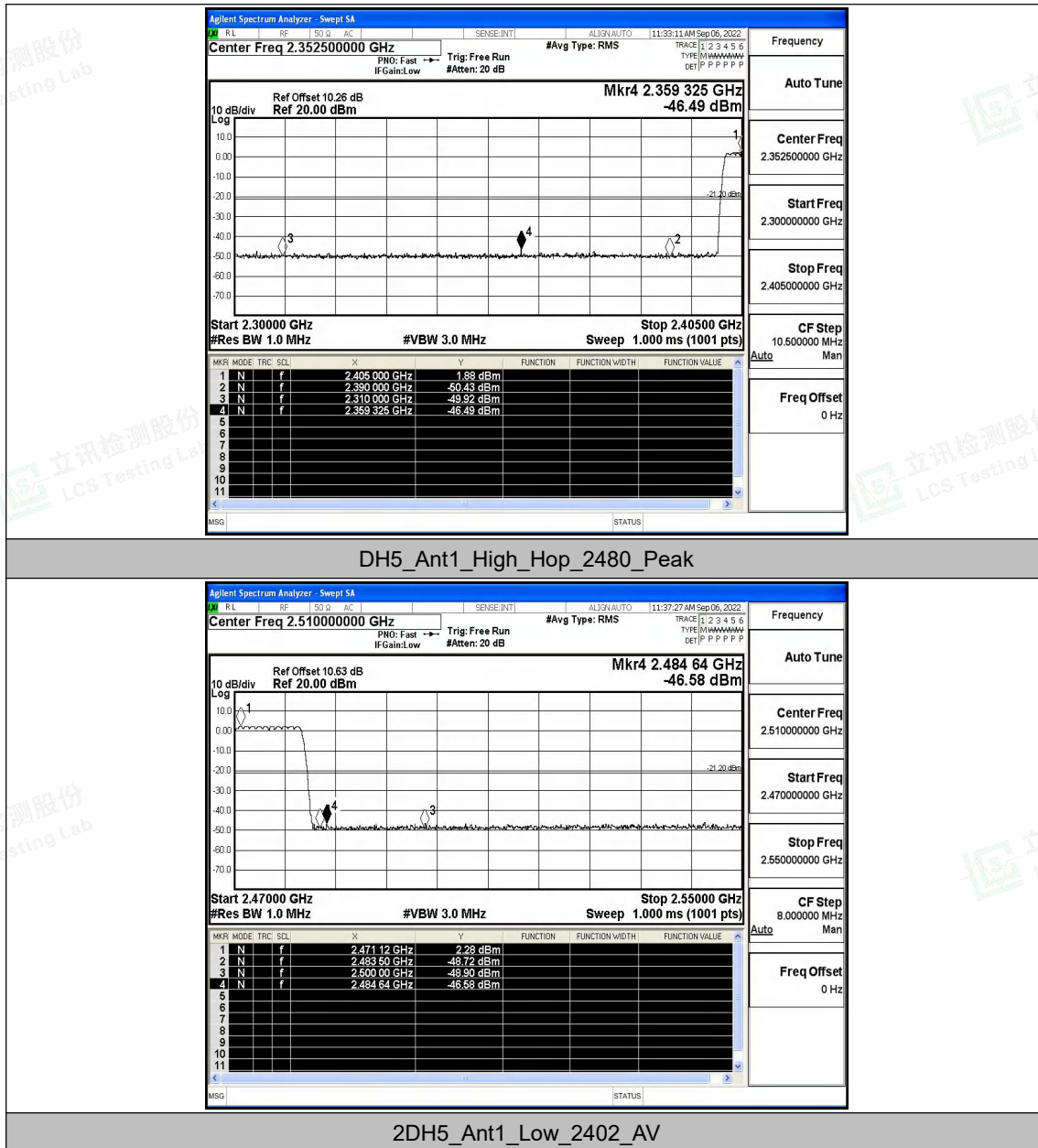


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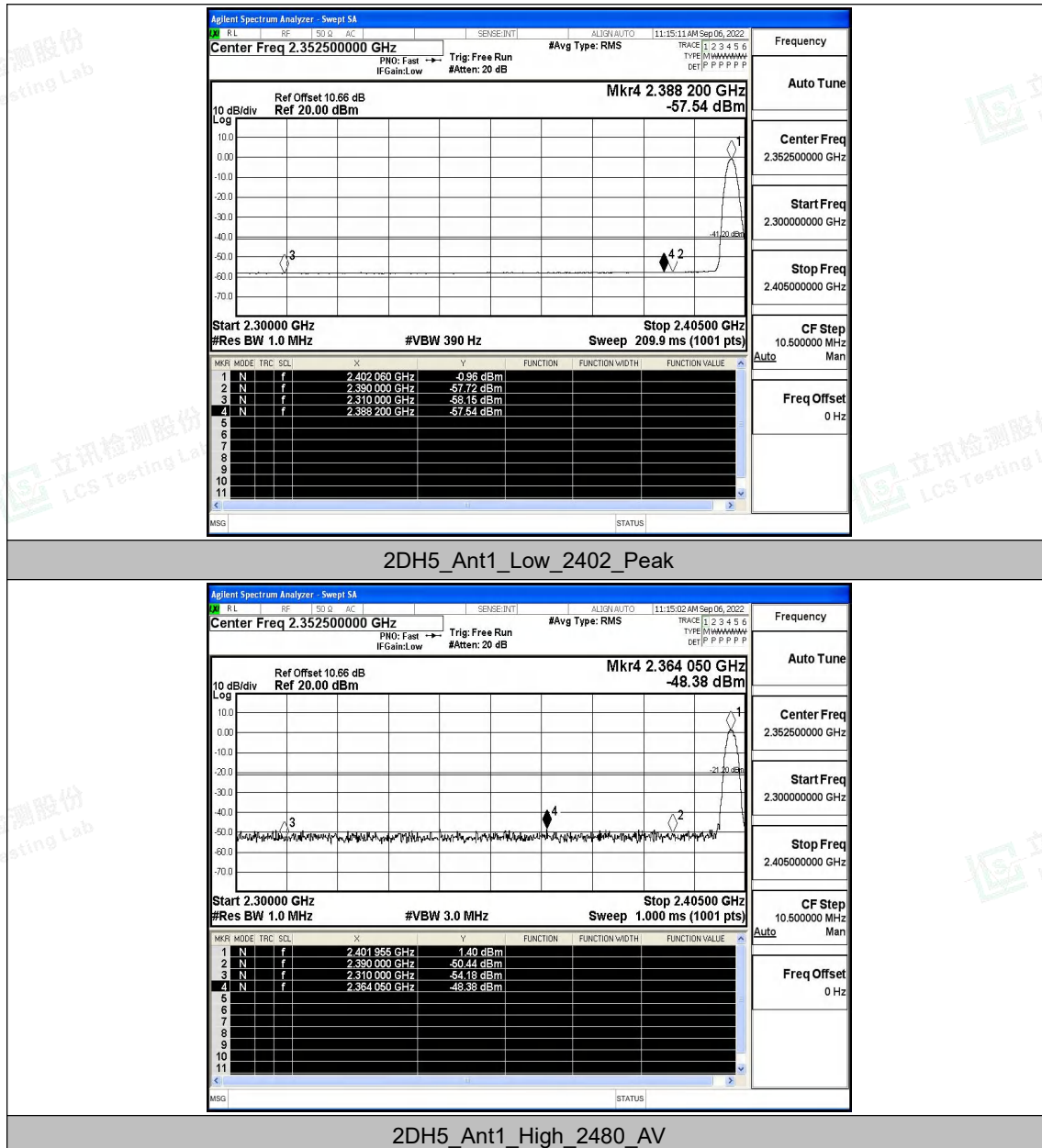


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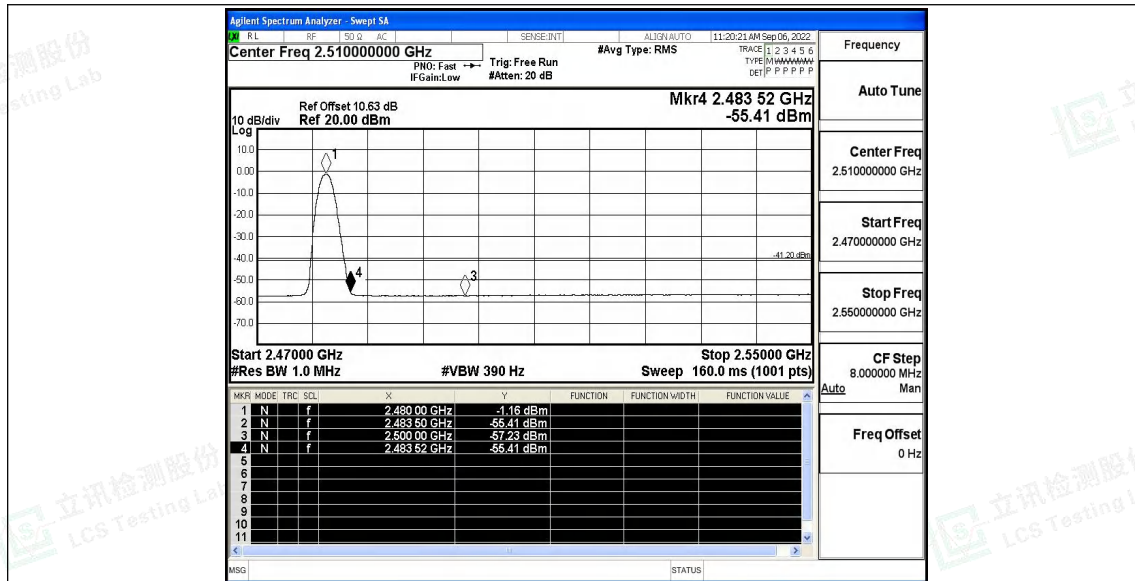


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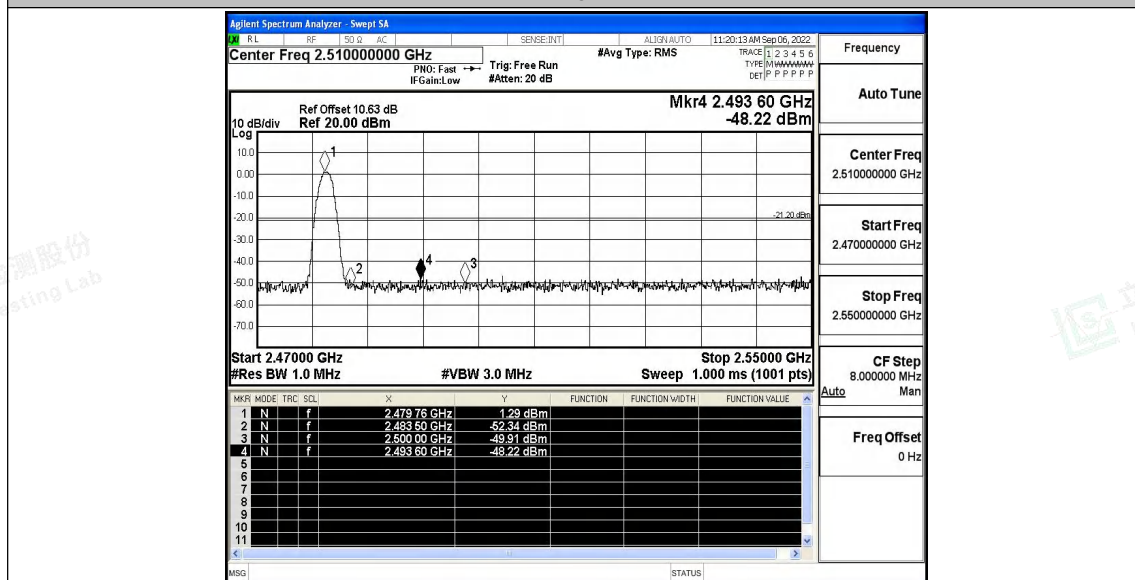
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2DH5_Ant1_High_2480_Peak



2DH5_Ant1_Low_Hop_2402_Peak

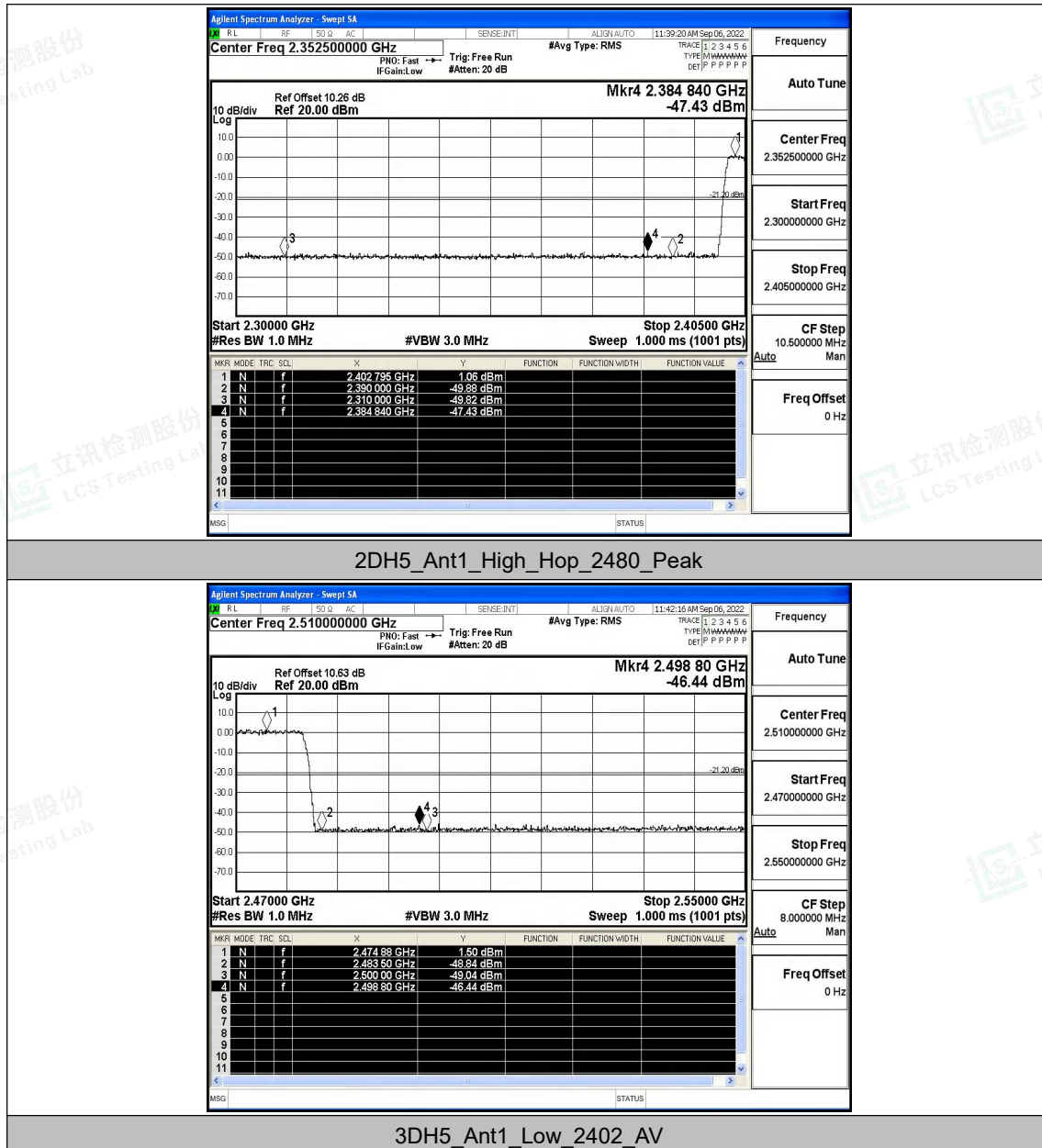


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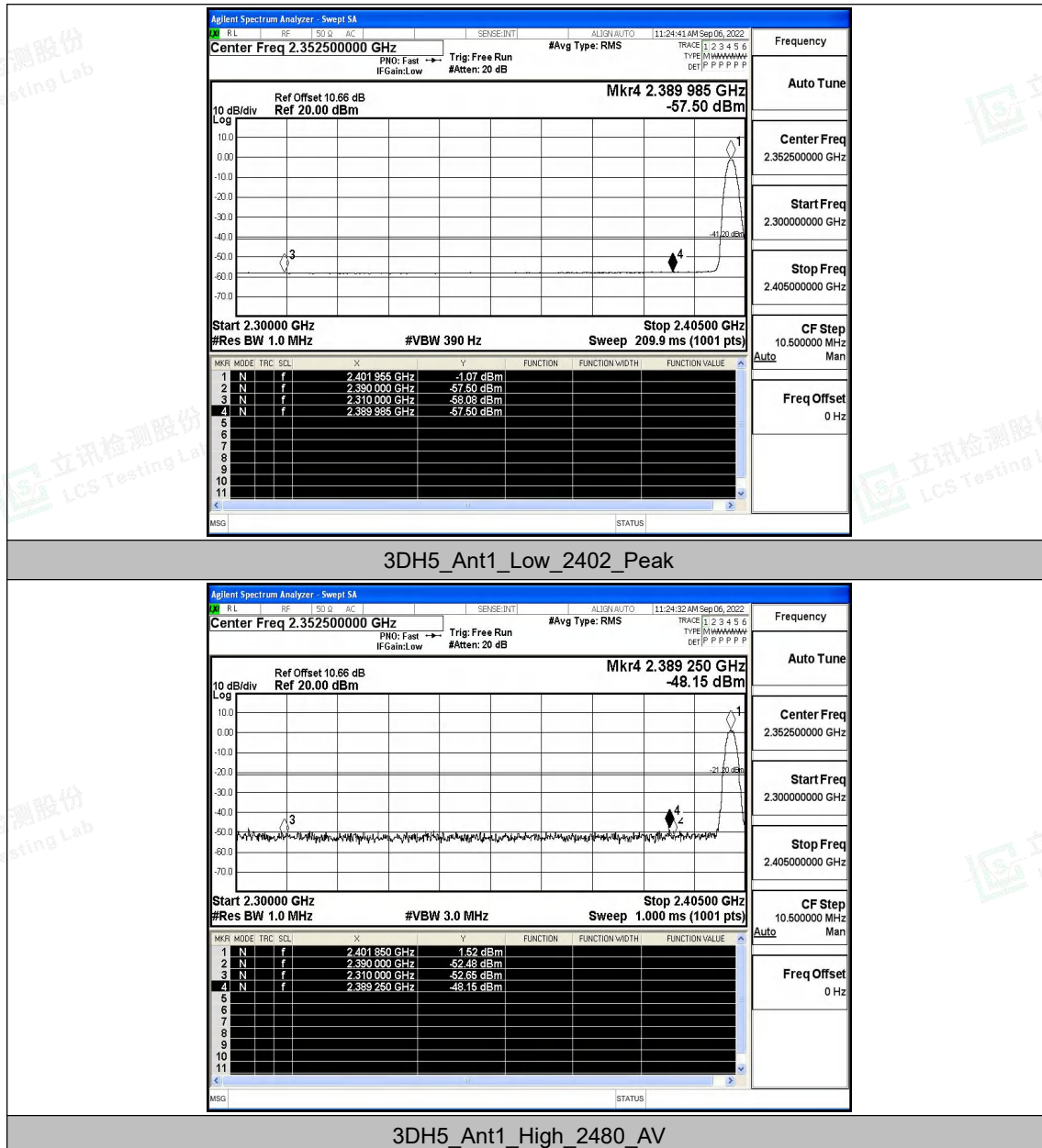


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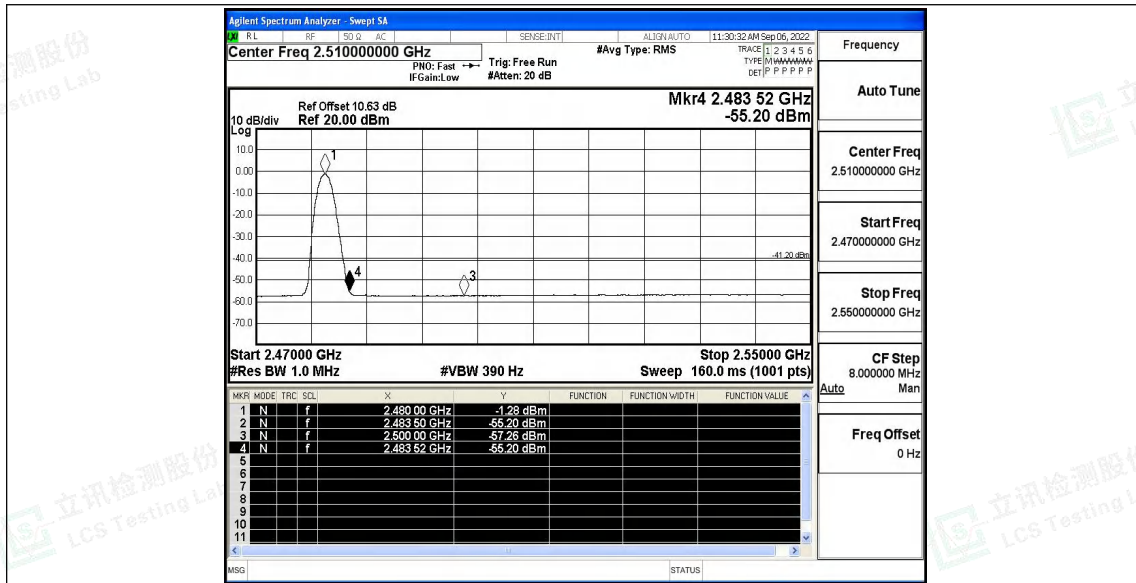


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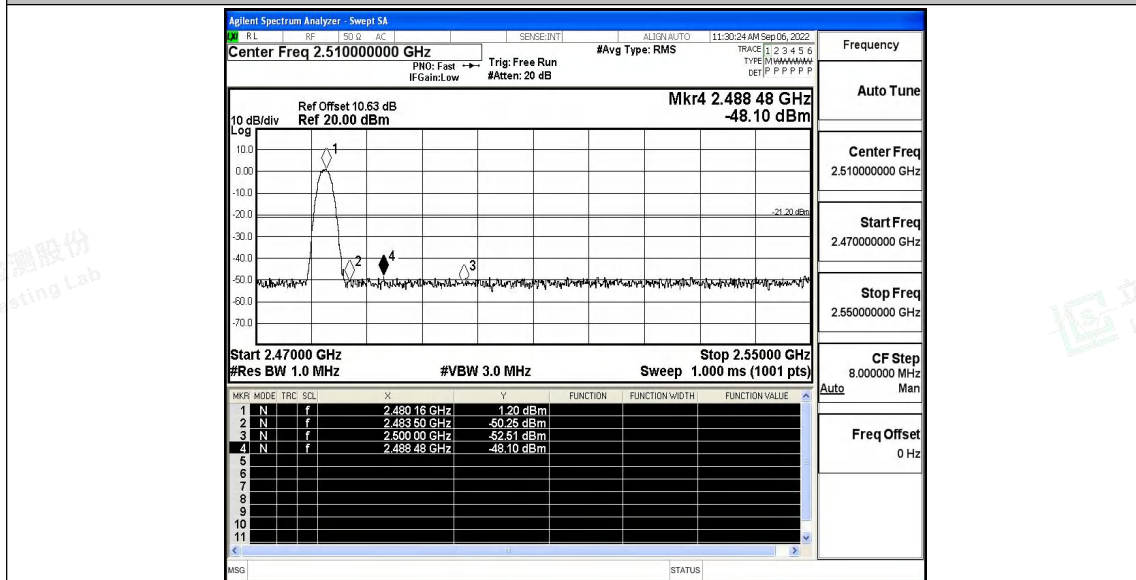
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3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak

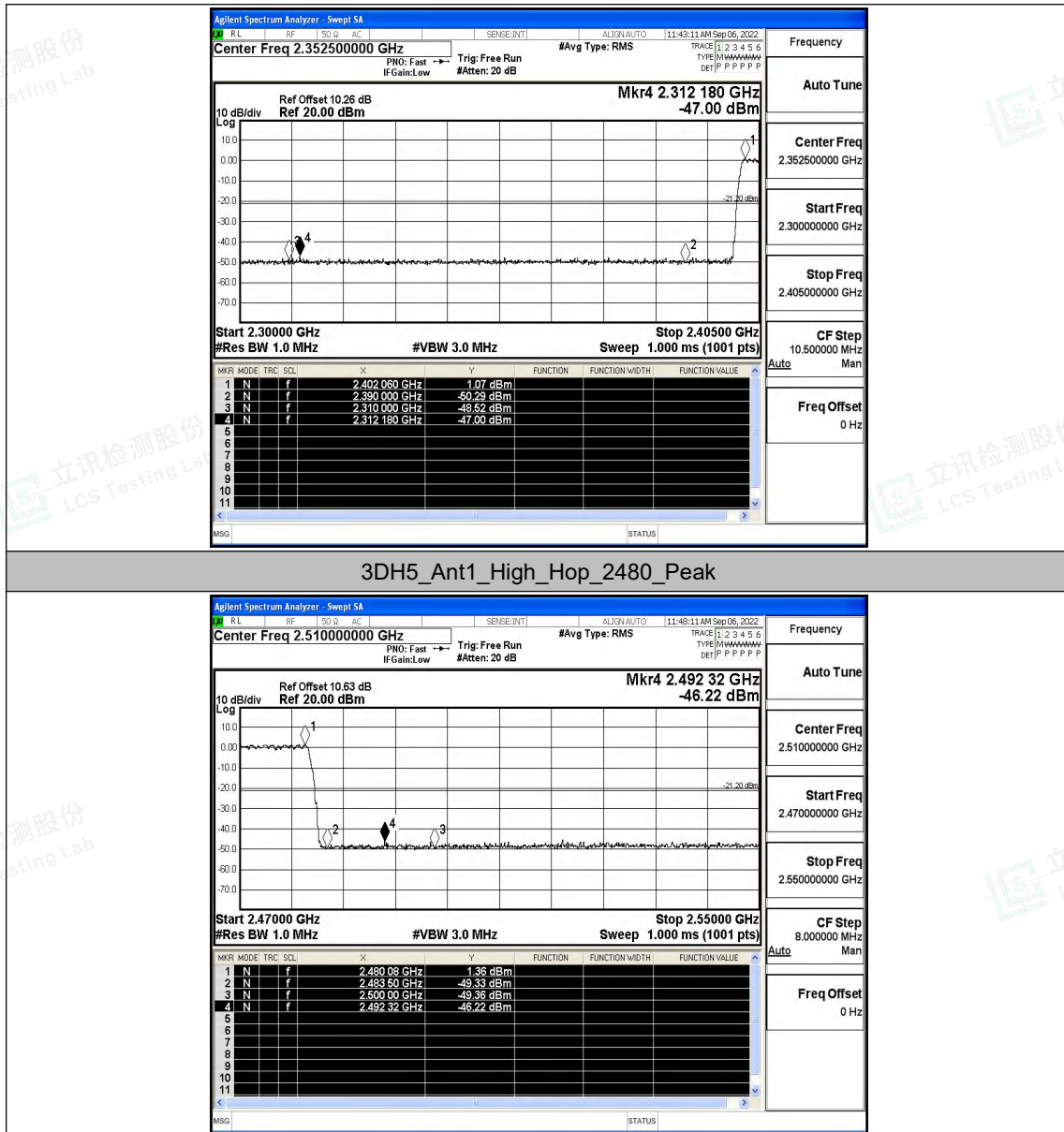


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