



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet Pc

Test Model: P81L

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan



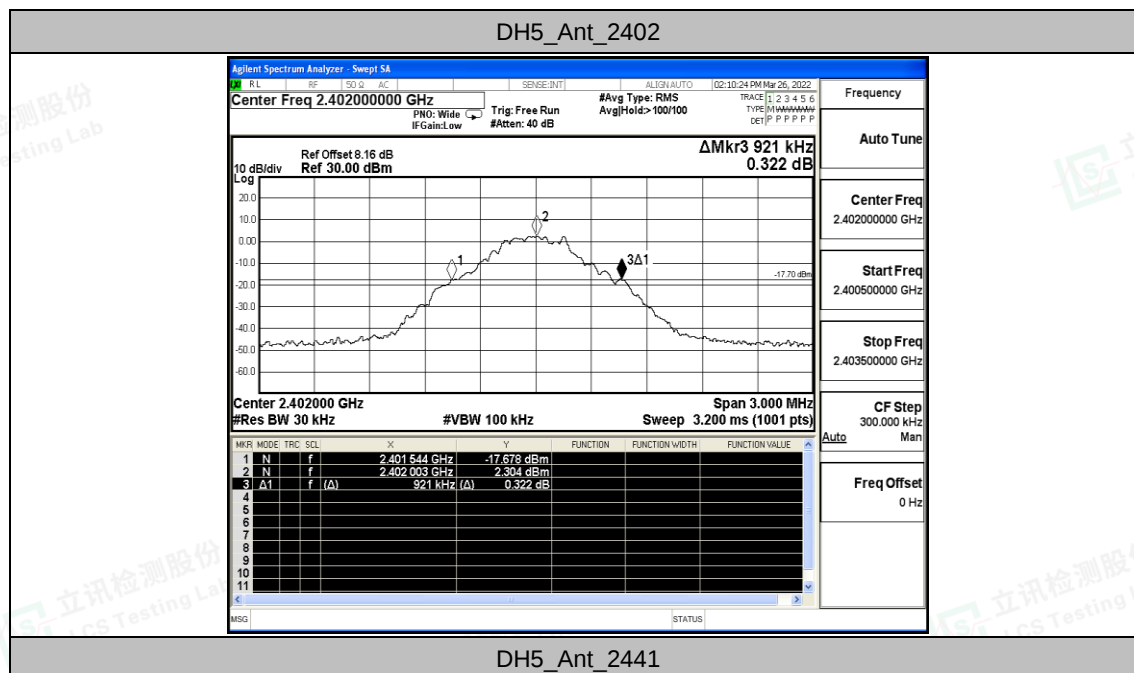


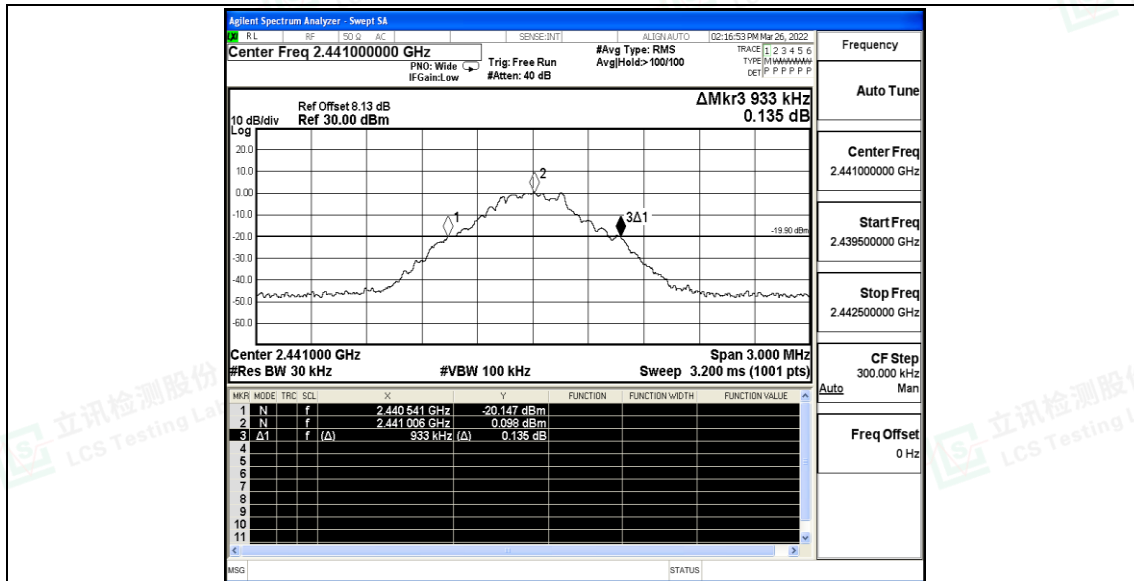
A.1 20dB Emission Bandwidth

Test Result

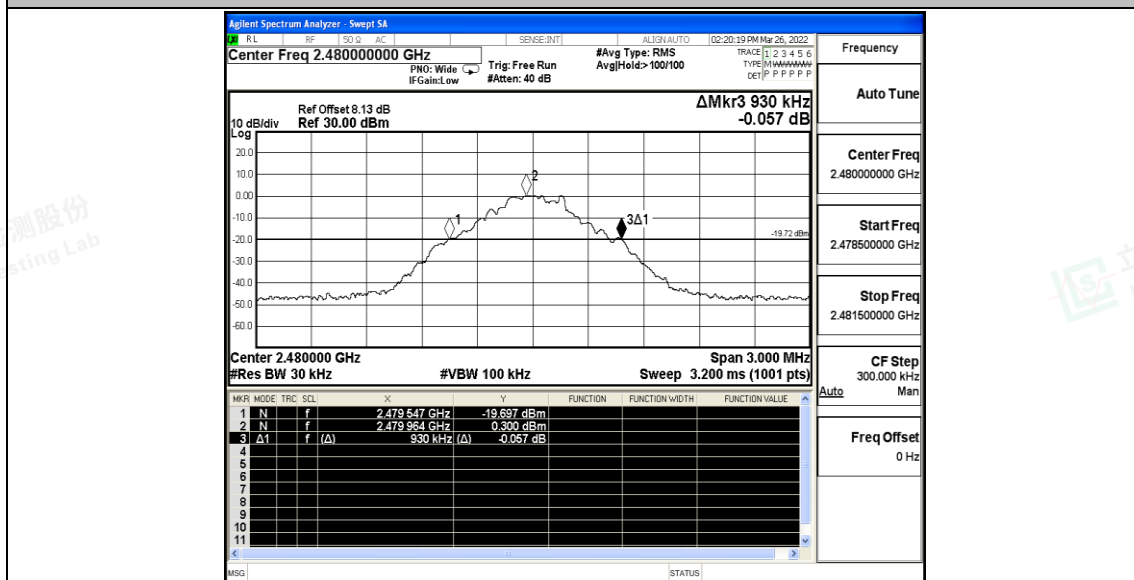
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant	2402	0.921	2401.544	2402.465	---	---
		2441	0.933	2440.541	2441.474	---	---
		2480	0.930	2479.547	2480.477	---	---
2DH5	Ant	2402	1.323	2401.331	2402.654	---	---
		2441	1.287	2440.358	2441.645	---	---
		2480	1.293	2479.355	2480.648	---	---
3DH5	Ant	2402	1.290	2401.346	2402.636	---	---
		2441	1.296	2440.343	2441.639	---	---
		2480	1.308	2479.340	2480.648	---	---

Test Graphs





DH5_Ant_2480



2DH5_Ant_2402

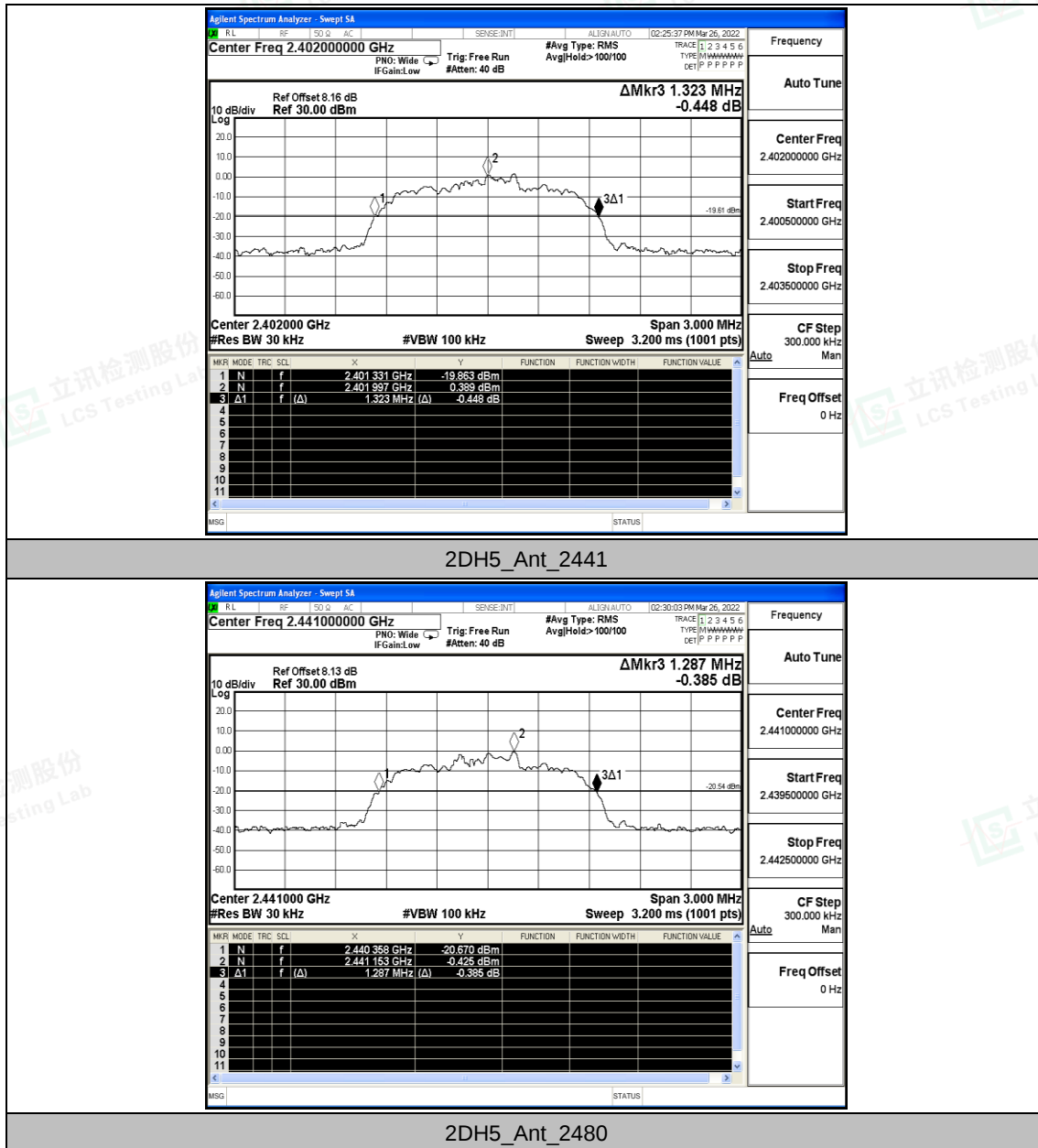


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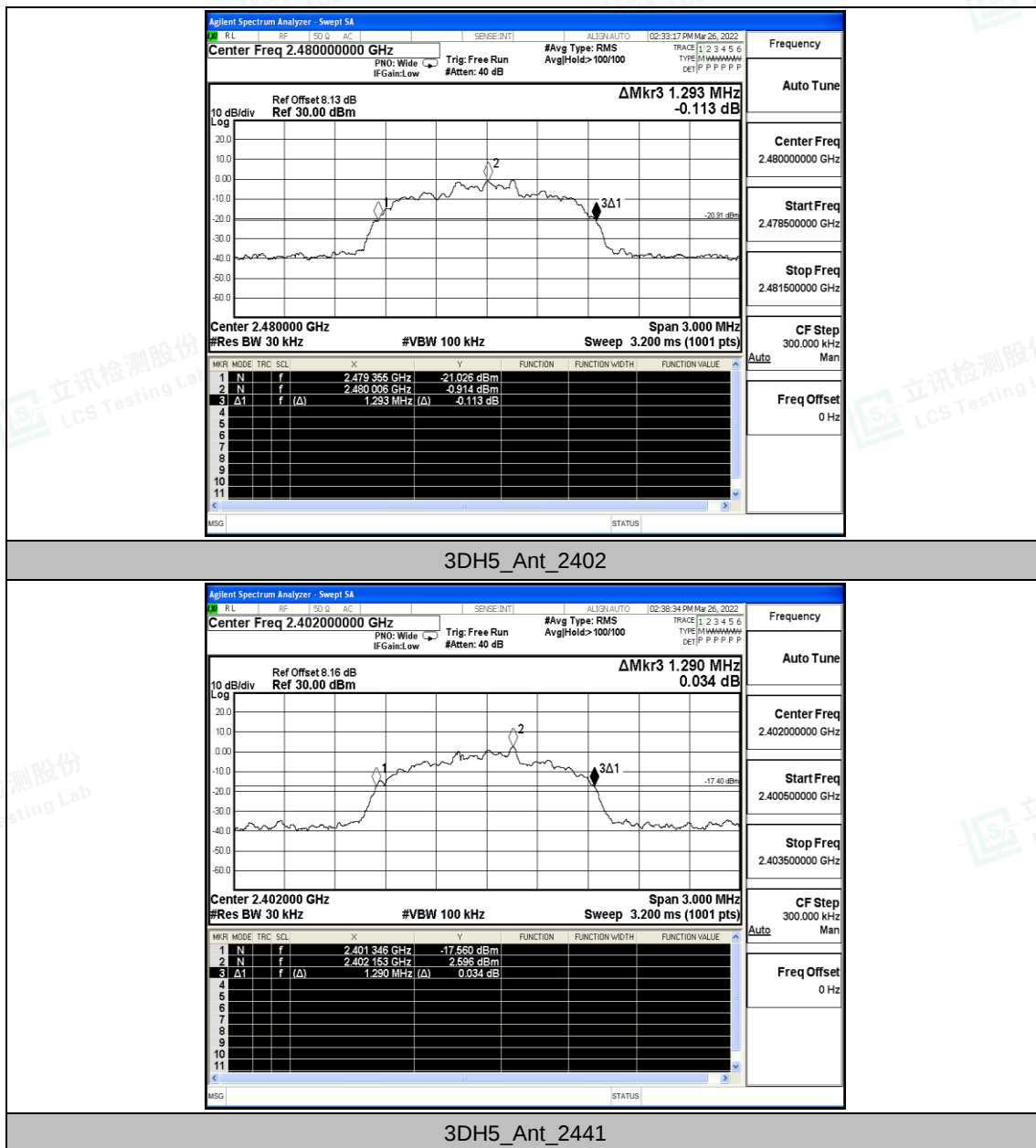


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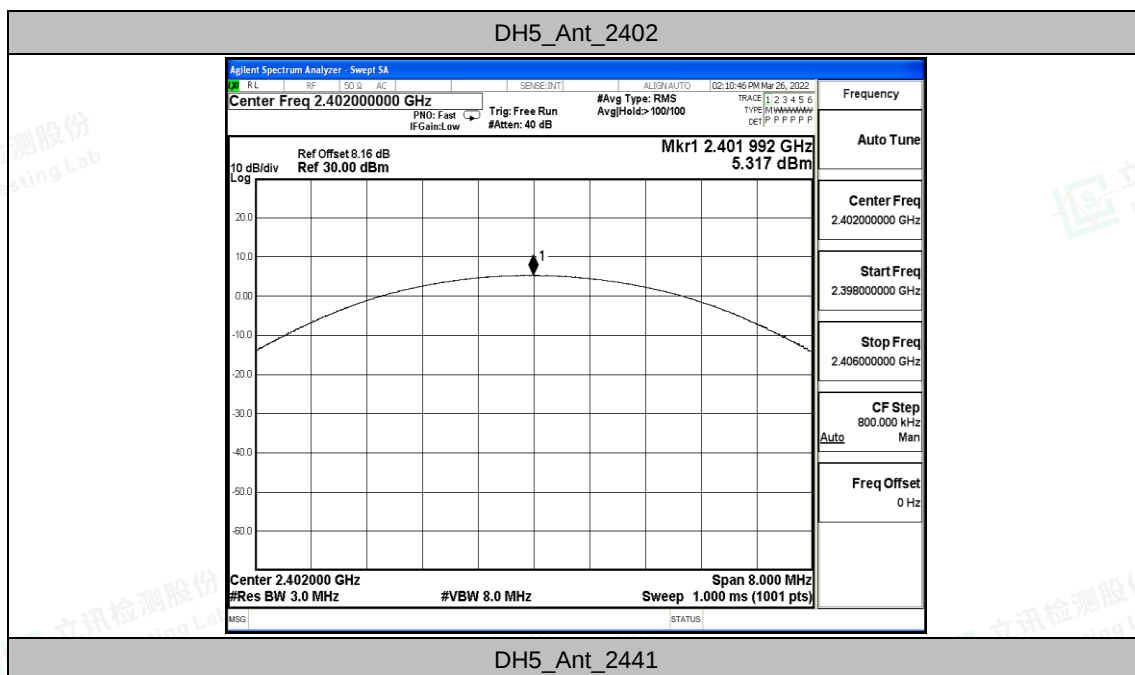


A.2 Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant	2402	5.32	≤20.97	PASS
		2441	3.11	≤20.97	PASS
		2480	3.40	≤20.97	PASS
2DH5	Ant	2402	5.36	≤20.97	PASS
		2441	3.12	≤20.97	PASS
		2480	3.44	≤20.97	PASS
3DH5	Ant	2402	5.34	≤20.97	PASS
		2441	3.08	≤20.97	PASS
		2480	3.41	≤20.97	PASS

Test Graphs

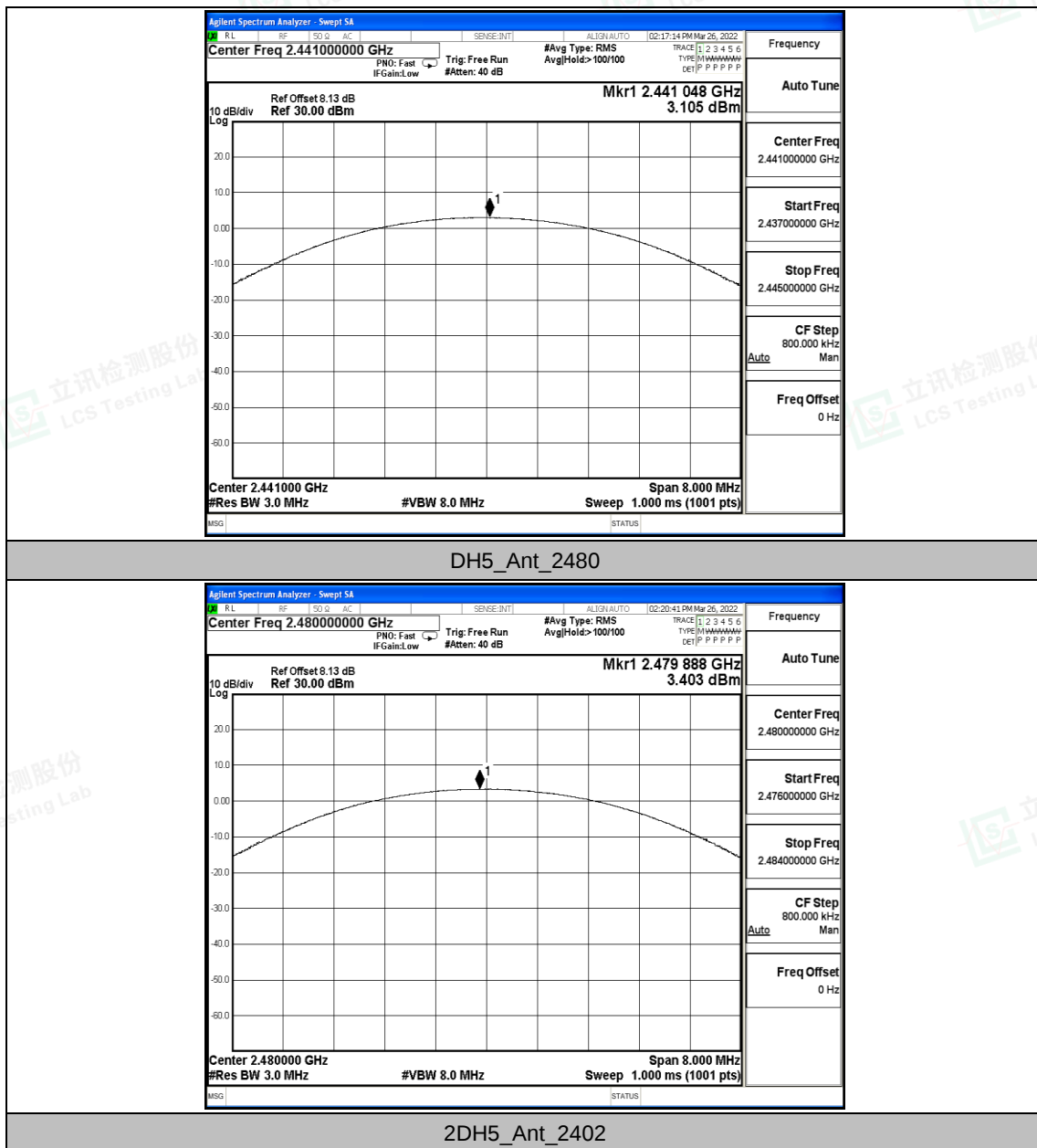


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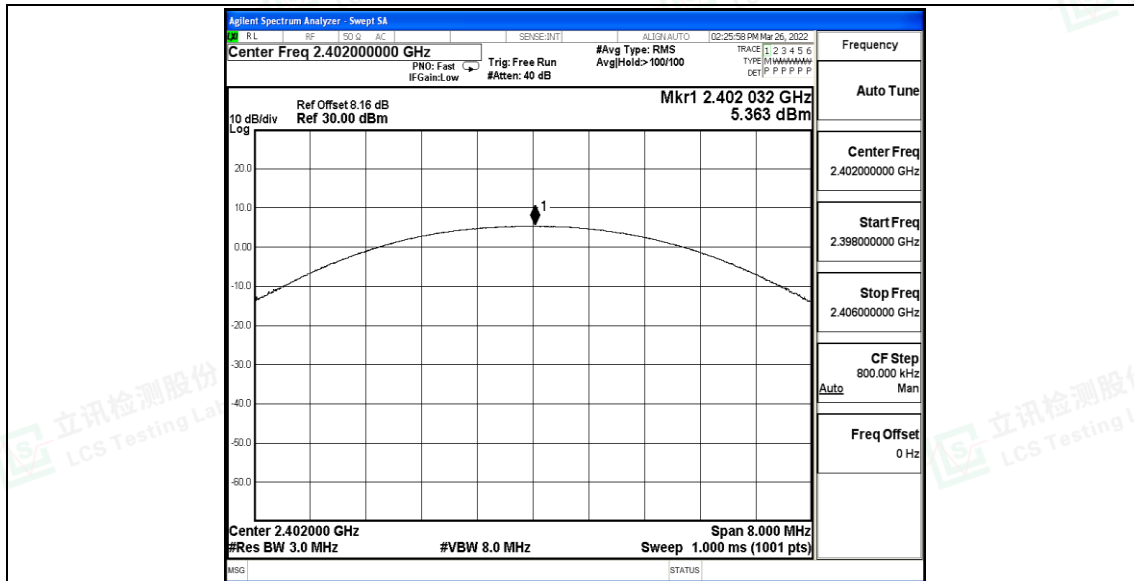


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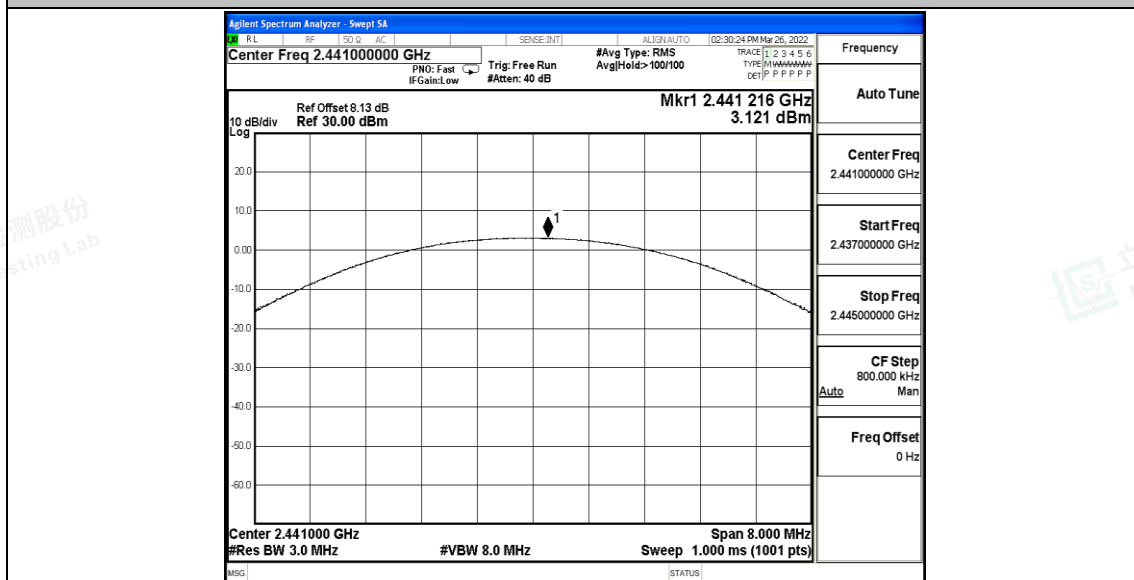
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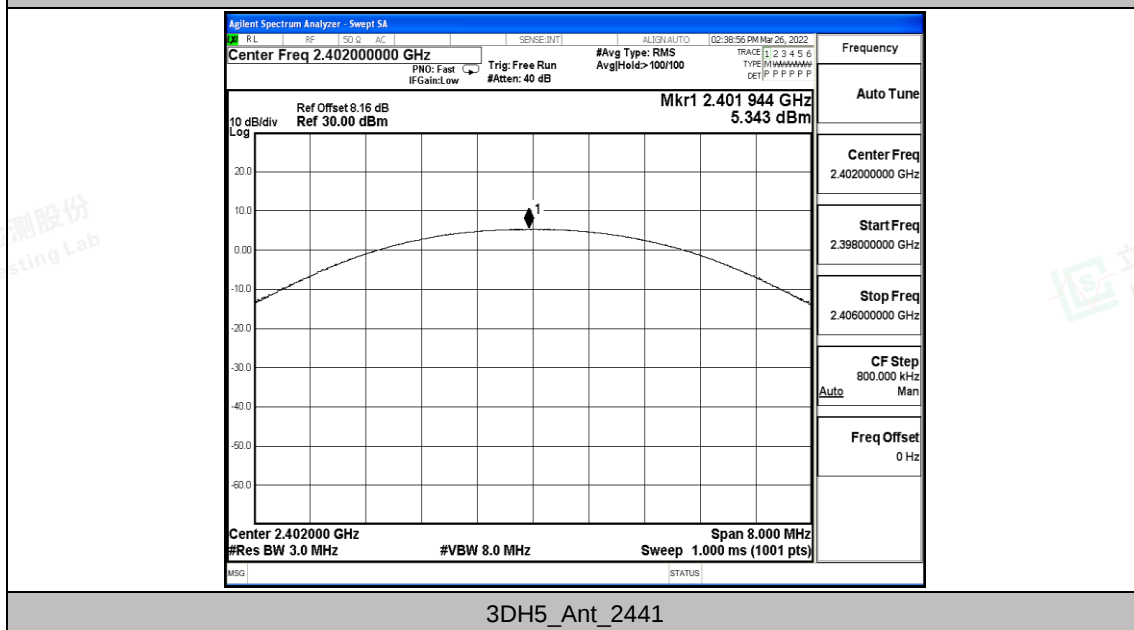
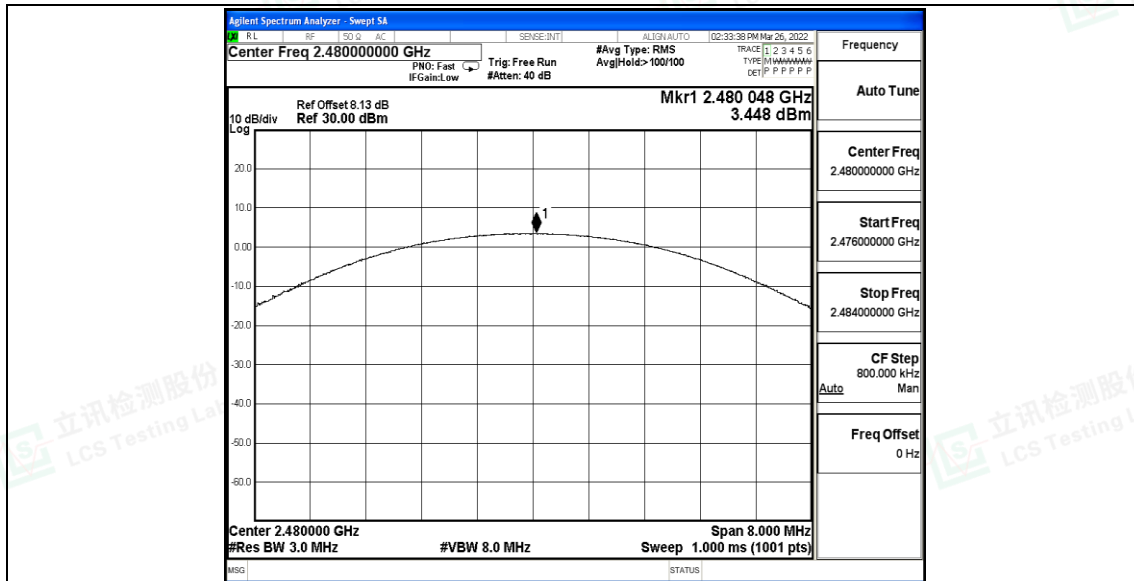


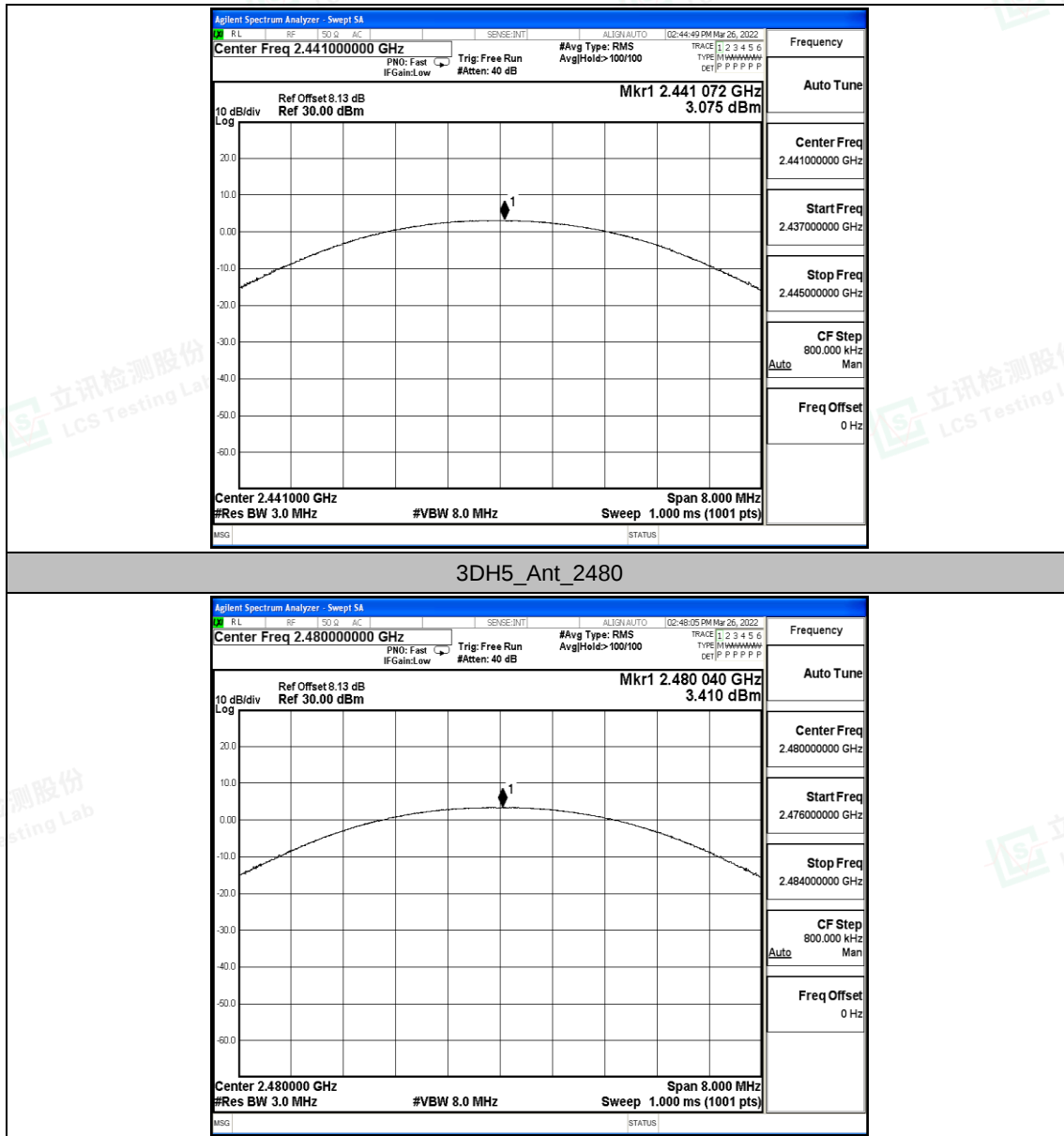
2DH5_Ant_2441



2DH5_Ant_2480









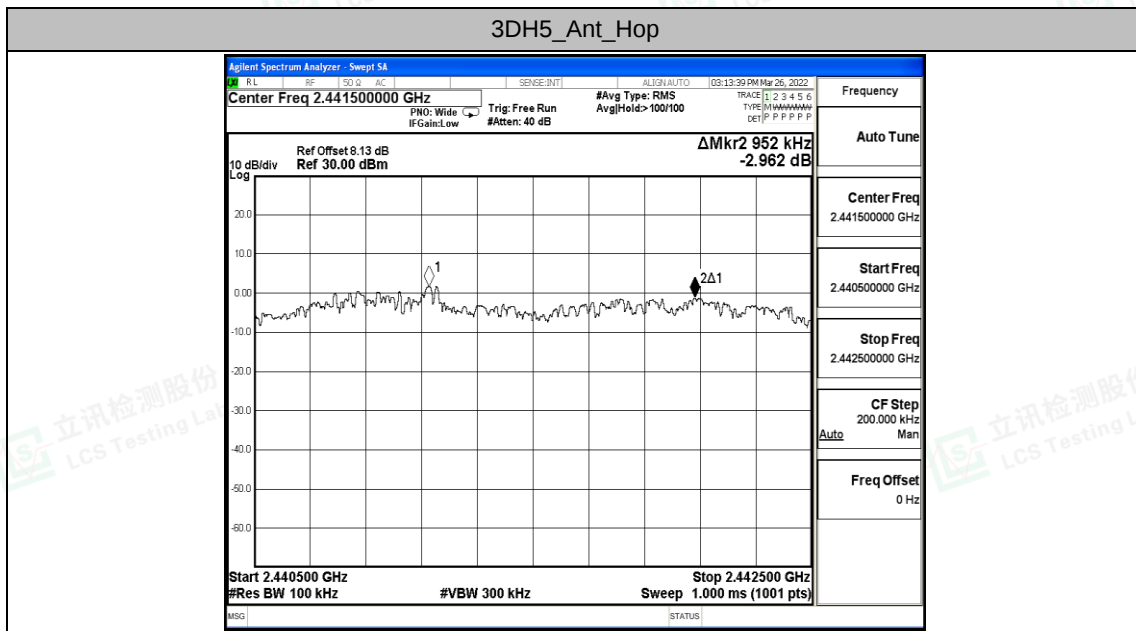
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant	Hop	1.156	≥ 0.622	PASS
2DH5	Ant	Hop	1.176	≥ 0.882	PASS
3DH5	Ant	Hop	0.952	≥ 0.872	PASS

Test Graphs





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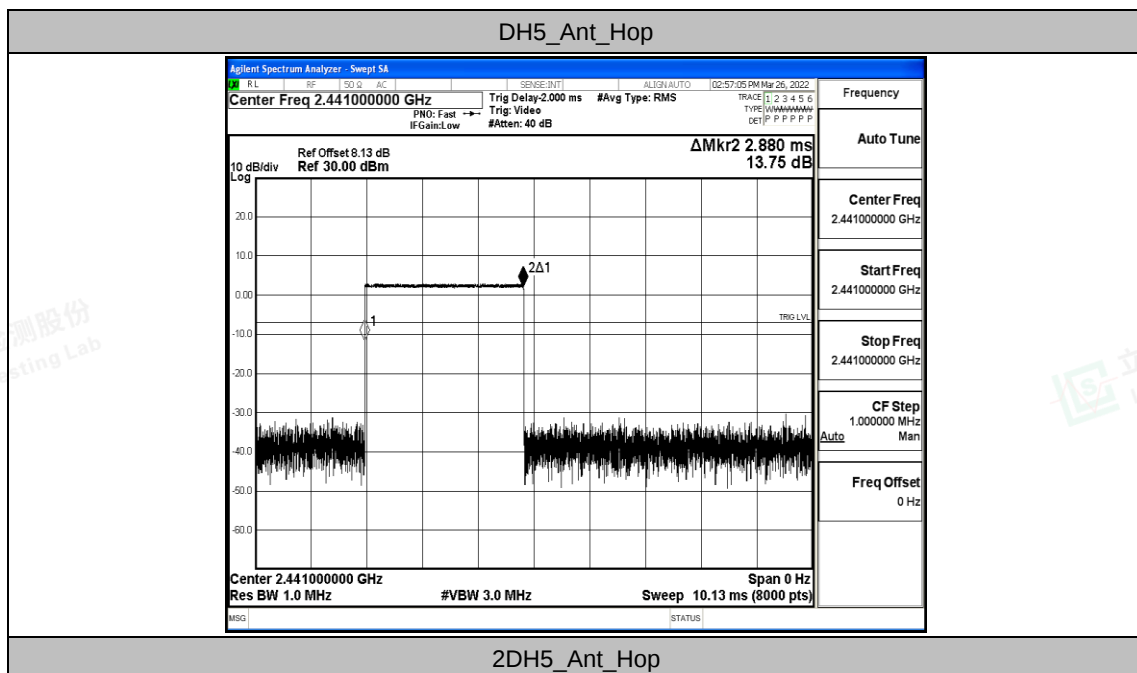


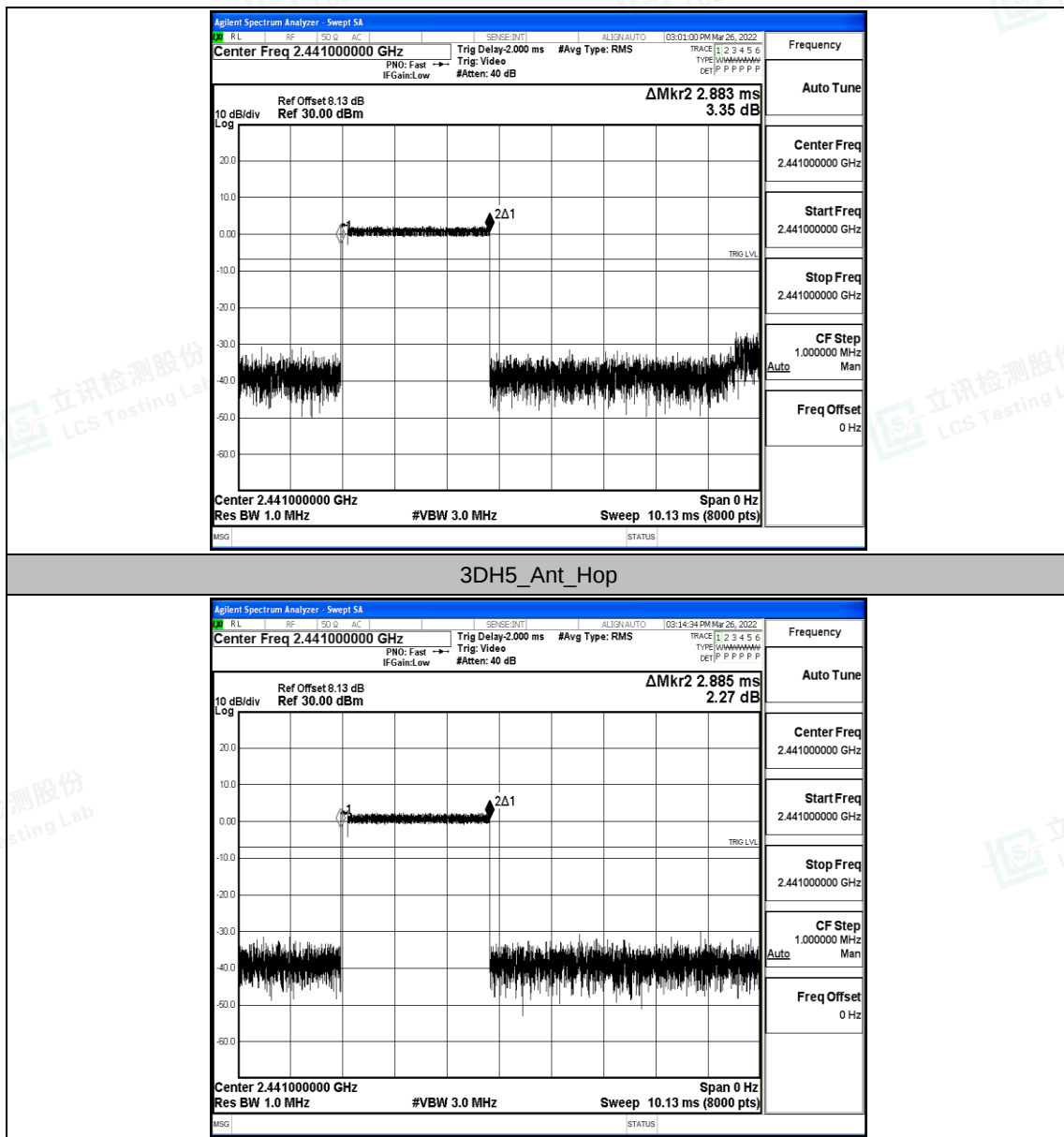
A.4 Time of occupancy

Test Result

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

Test Graphs





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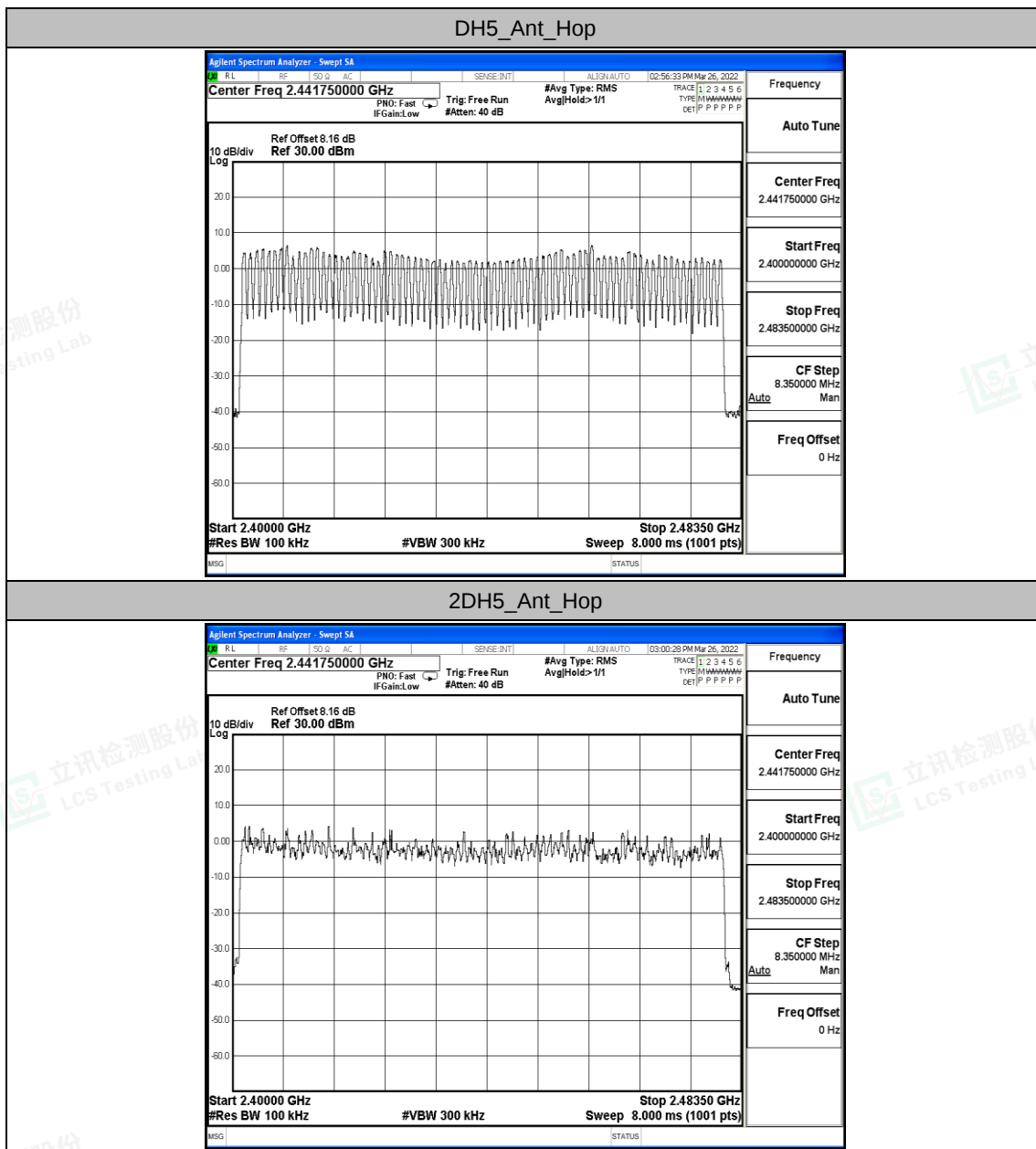


A.5 Number of hopping channels

Test Result

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

Test Graphs

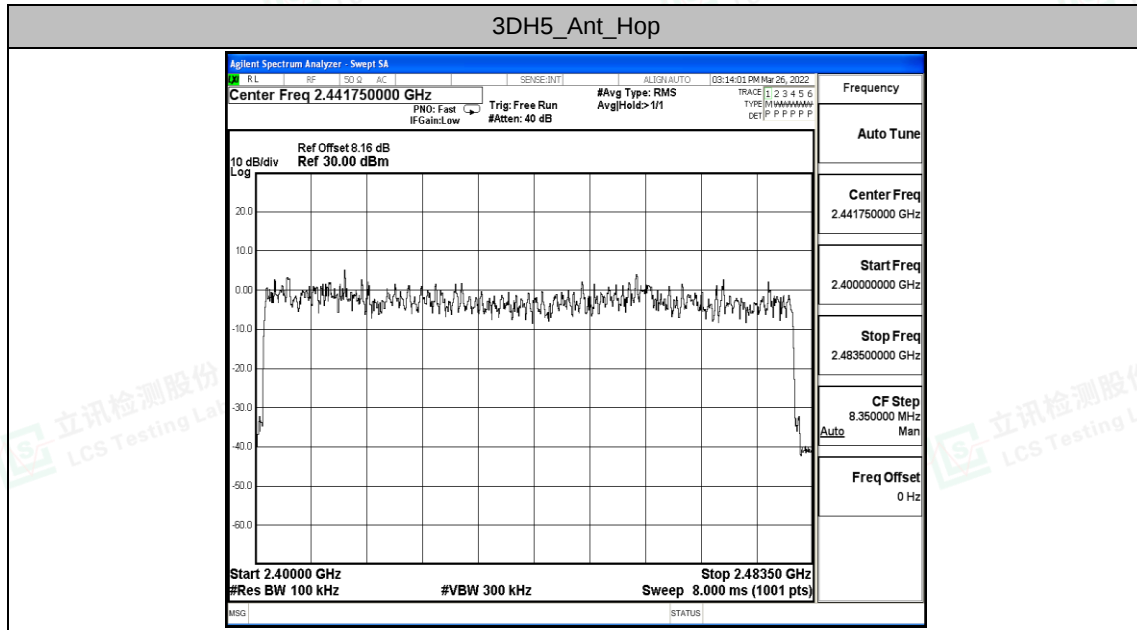


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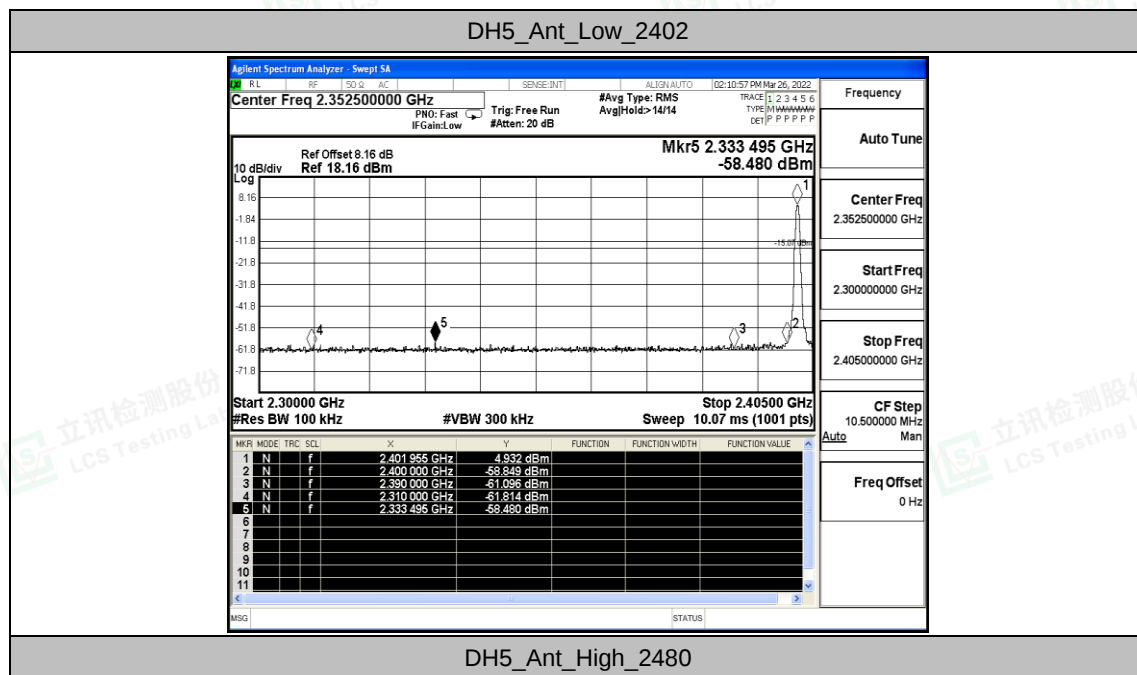


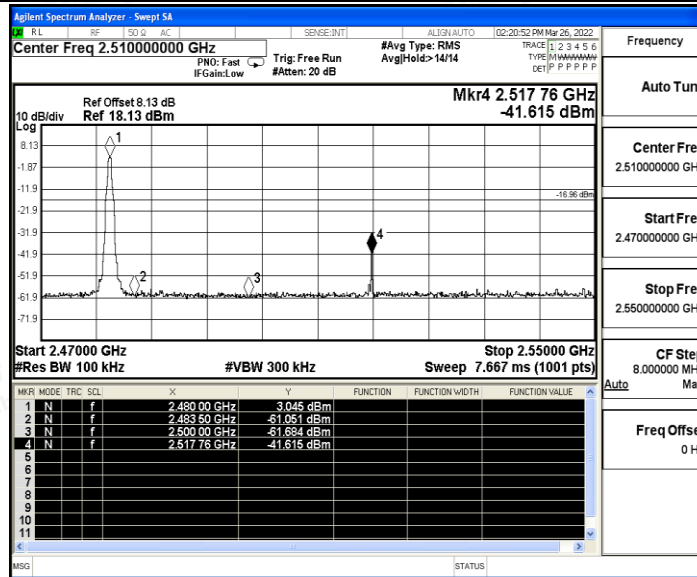
A.6 Band edge measurements

Test Result

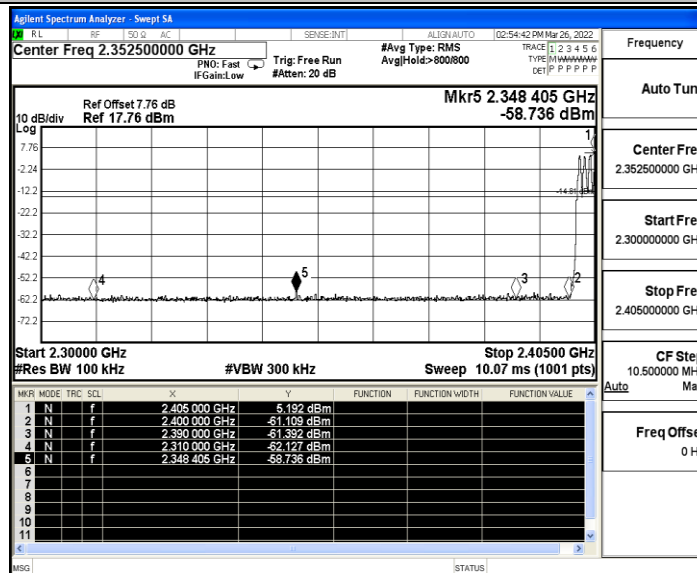
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	Low	2402	4.93	-58.48	≤-15.07	PASS
		High	2480	3.05	-41.62	≤-16.96	PASS
		Low	Hop_2402	5.19	-58.74	≤-14.81	PASS
		High	Hop_2480	3.68	-57.64	≤-16.32	PASS
2DH5	Ant	Low	2402	4.63	-49.66	≤-15.37	PASS
		High	2480	2.98	-46.2	≤-17.02	PASS
		Low	Hop_2402	5.08	-59.5	≤-14.92	PASS
		High	Hop_2480	1.05	-58.13	≤-18.95	PASS
3DH5	Ant	Low	2402	4.69	-49.05	≤-15.31	PASS
		High	2480	2.87	-58.04	≤-17.13	PASS
		Low	Hop_2402	2.78	-59.57	≤-17.22	PASS
		High	Hop_2480	1.91	-57.42	≤-18.09	PASS

Test Graphs



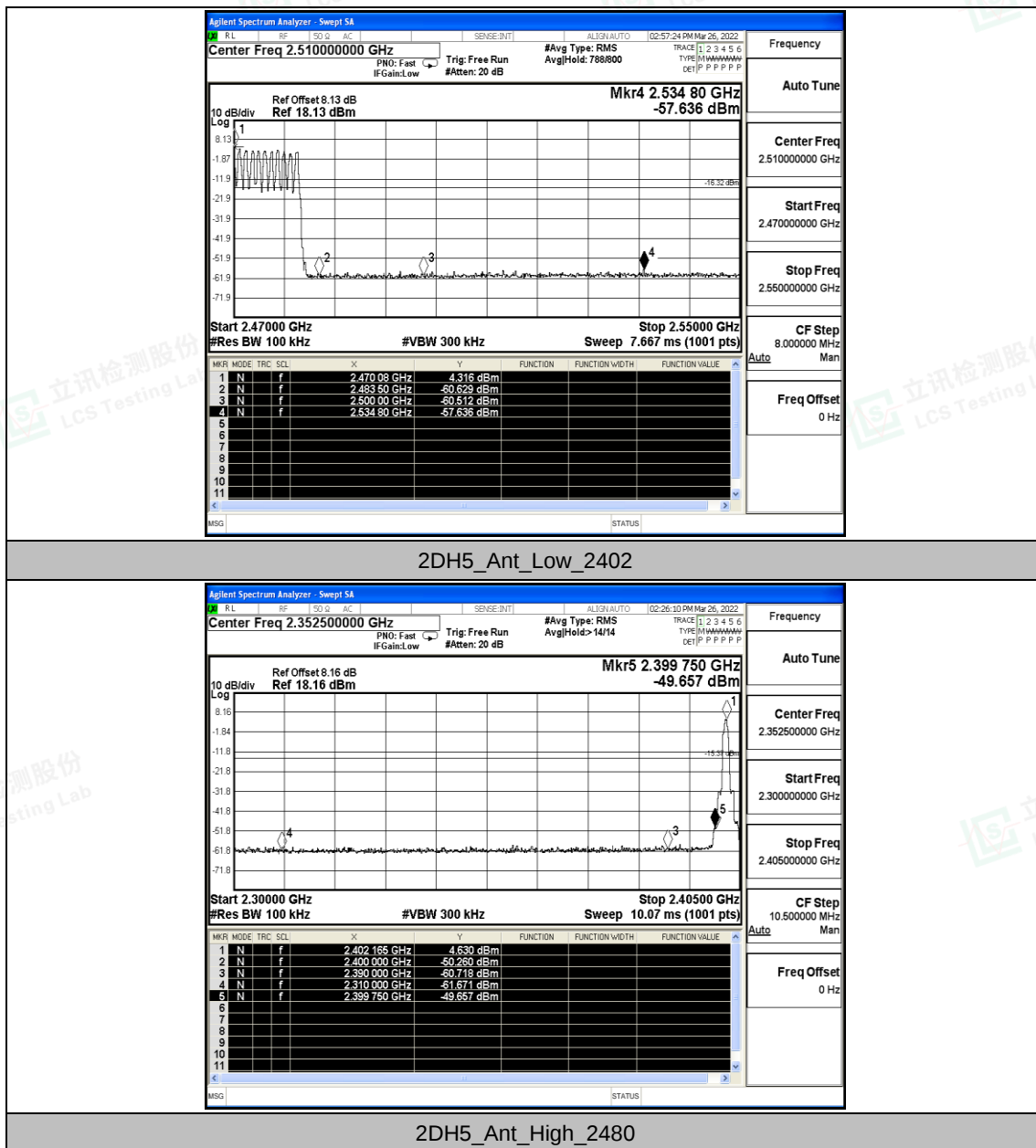


DH5_Ant_Low_Hop_2402



DH5_Ant_High_Hop_2480



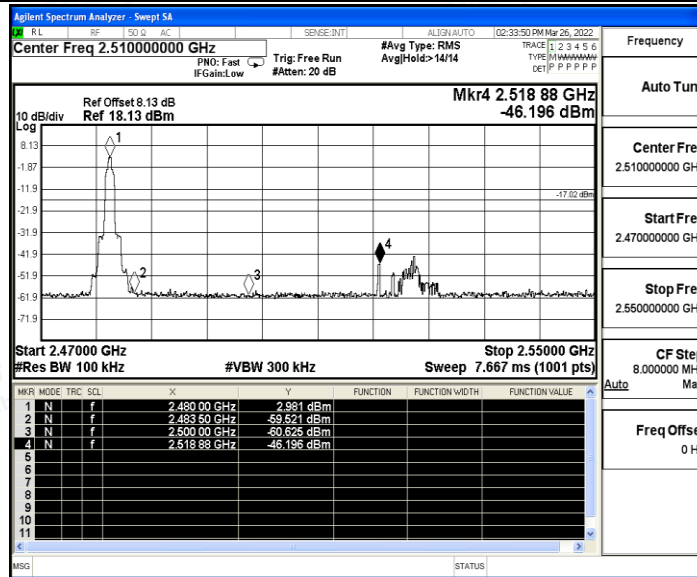


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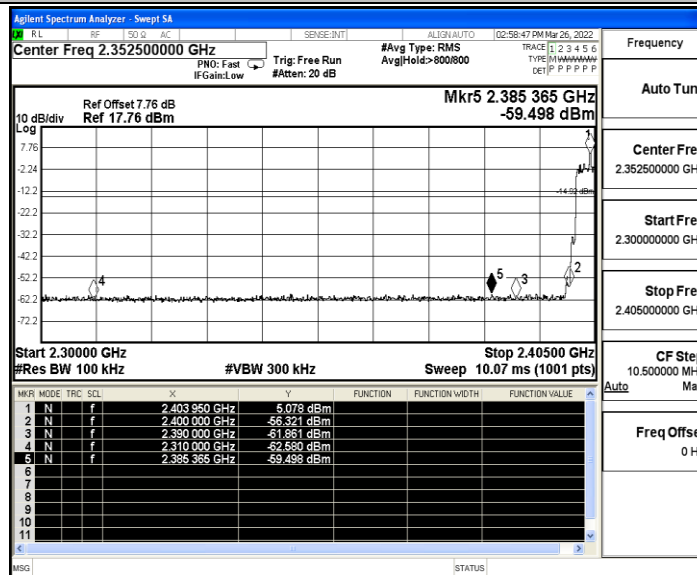
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2DH5_Ant_Low_Hop_2402



2DH5_Ant_High_Hop_2480

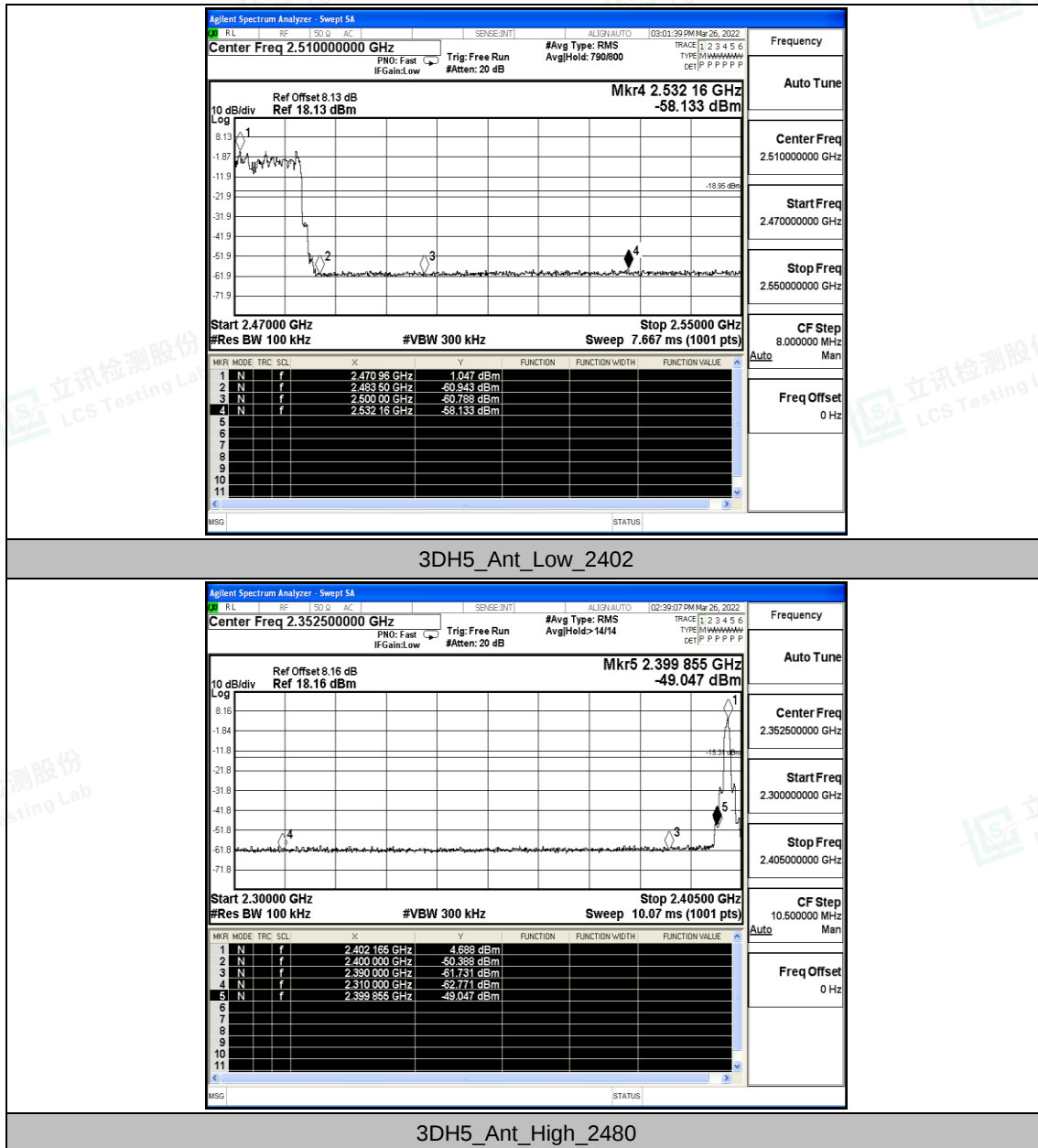


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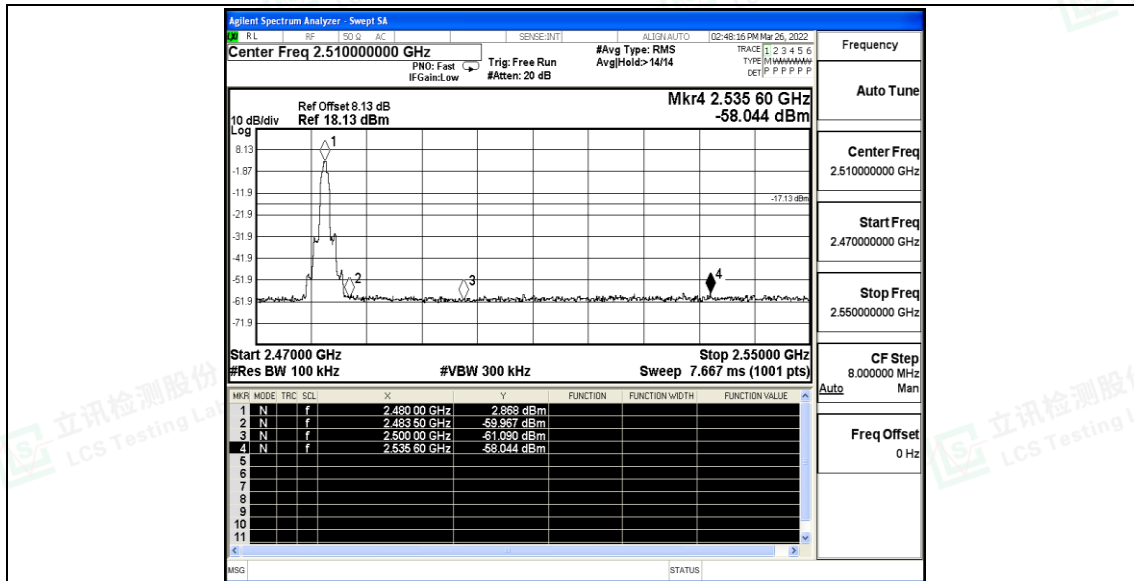


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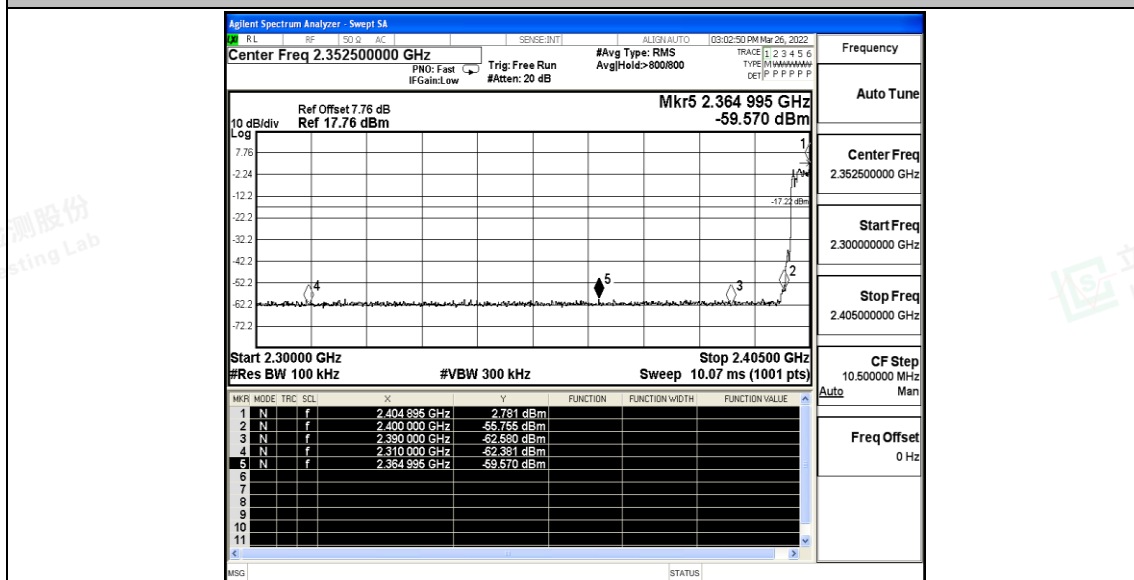
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3DH5_Ant_Low_Hop_2402



3DH5_Ant_High_Hop_2480

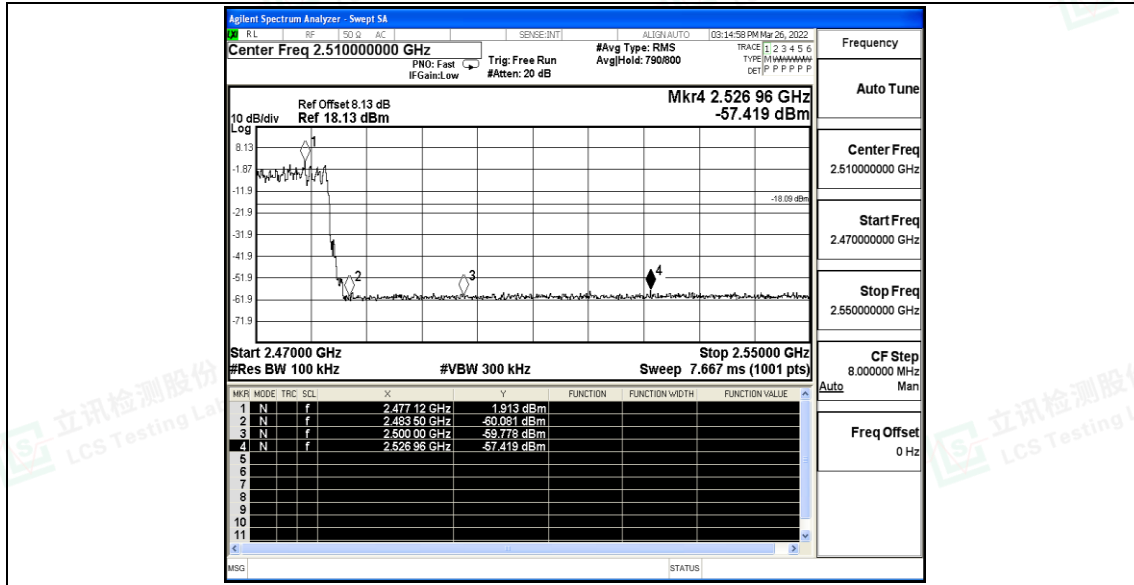


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A.7 Conducted Spurious Emission

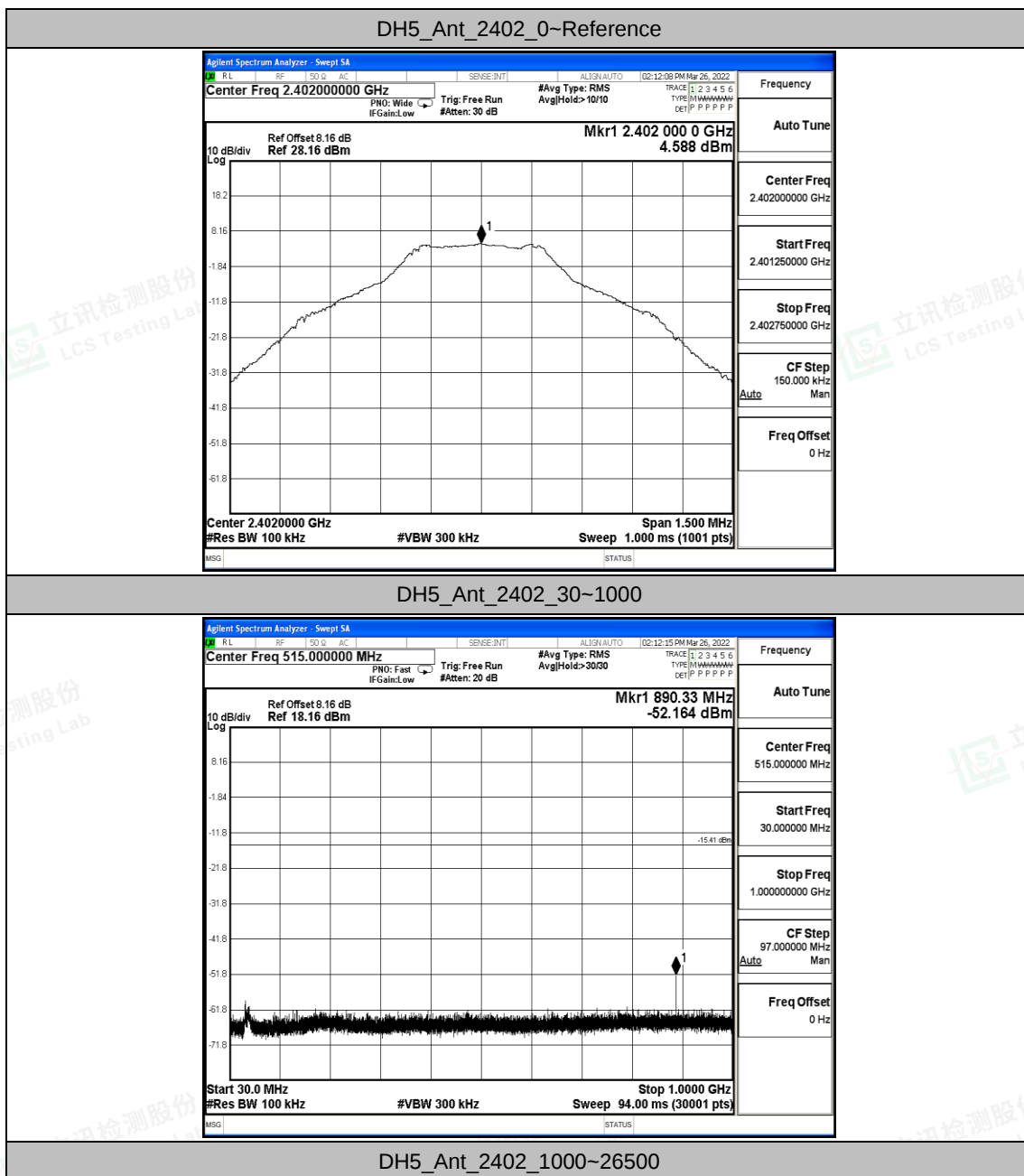
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	2402	Reference	4.59	4.59	---	PASS
			30~1000	4.59	-52.16	≤-15.41	PASS
			1000~26500	4.59	-44.05	≤-15.41	PASS
		2441	Reference	2.30	2.30	---	PASS
			30~1000	2.30	-59.99	≤-17.7	PASS
			1000~26500	2.30	-45.97	≤-17.7	PASS
		2480	Reference	2.65	2.65	---	PASS
			30~1000	2.65	-59.54	≤-17.35	PASS
			1000~26500	2.65	-46.3	≤-17.35	PASS
2DH5	Ant	2402	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-59.31	≤-15.46	PASS
			1000~26500	4.54	-46.43	≤-15.46	PASS
		2441	Reference	2.01	2.01	---	PASS
			30~1000	2.01	-60.38	≤-17.99	PASS
			1000~26500	2.01	-46.63	≤-17.99	PASS
		2480	Reference	2.60	2.60	---	PASS
			30~1000	2.60	-59.14	≤-17.4	PASS
			1000~26500	2.60	-45.03	≤-17.4	PASS
3DH5	Ant	2402	Reference	4.67	4.67	---	PASS
			30~1000	4.67	-60.06	≤-15.33	PASS
			1000~26500	4.67	-46.75	≤-15.33	PASS
		2441	Reference	2.32	2.32	---	PASS
			30~1000	2.32	-59.74	≤-17.68	PASS
			1000~26500	2.32	-46.91	≤-17.68	PASS
		2480	Reference	2.74	2.74	---	PASS
			30~1000	2.74	-59.97	≤-17.26	PASS
			1000~26500	2.74	-46.58	≤-17.26	PASS





Test Graphs

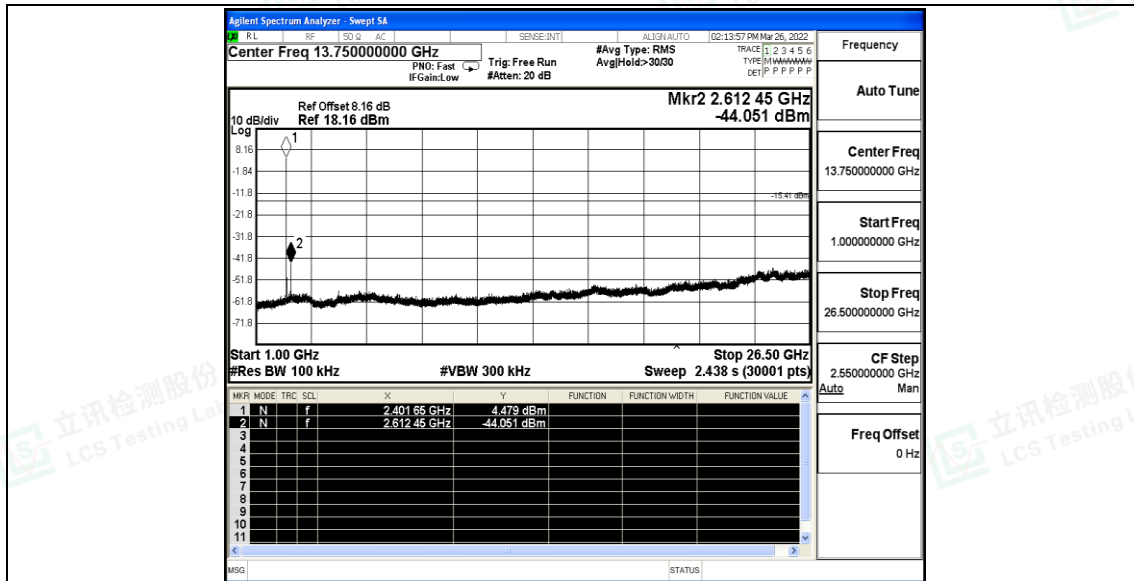


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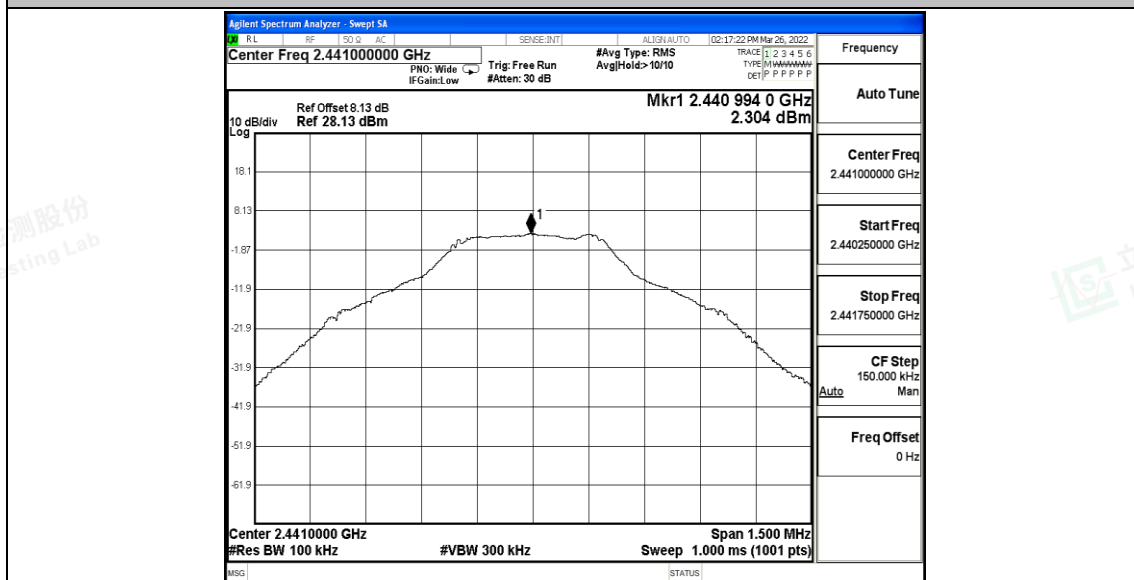
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DH5_Ant_2441_0~Reference



DH5_Ant_2441_30~1000

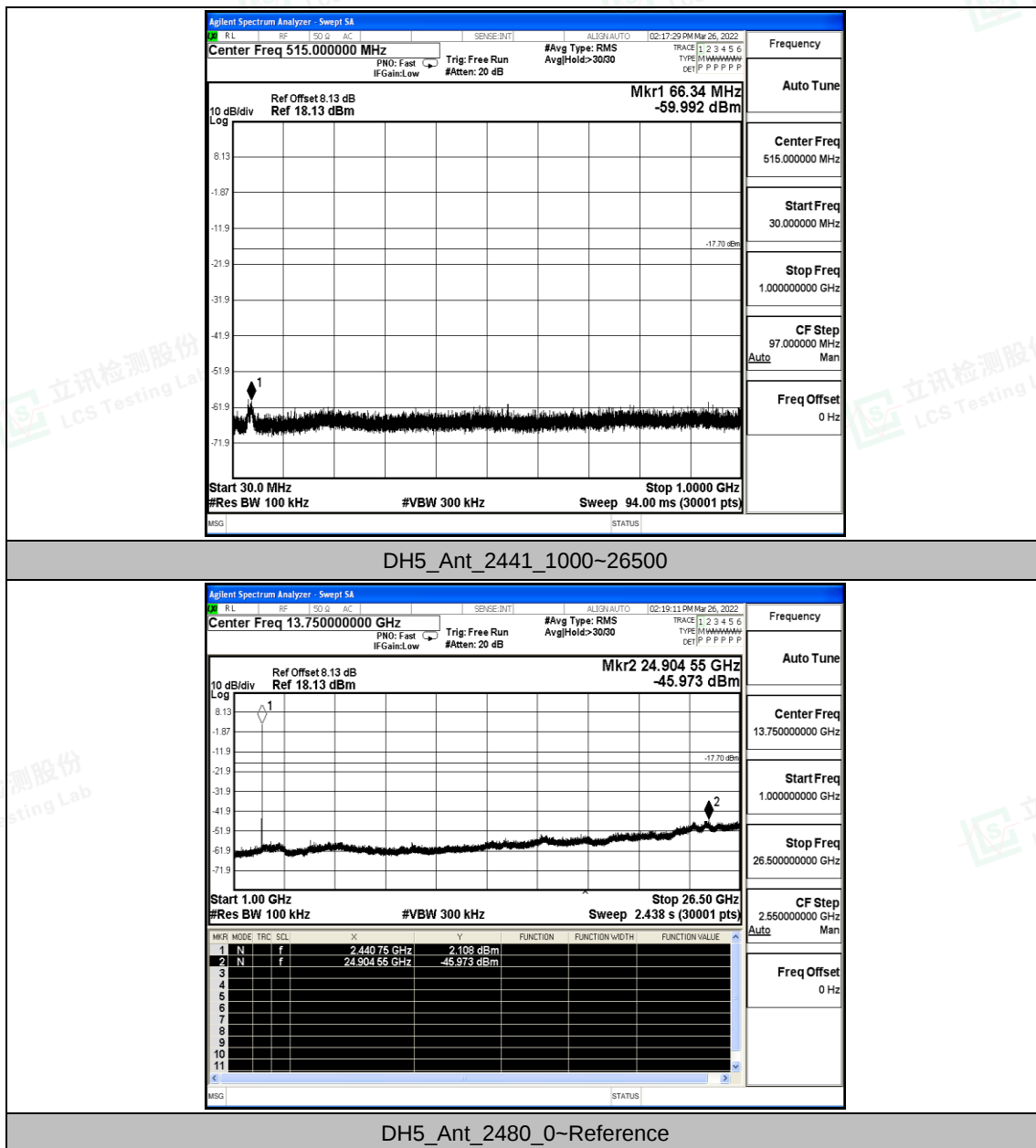


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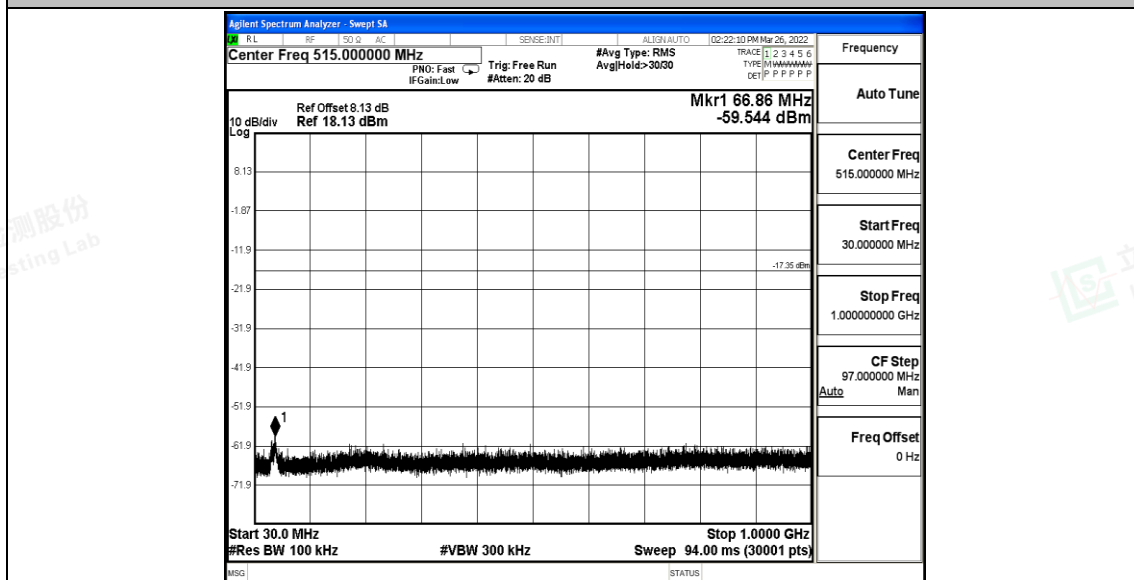
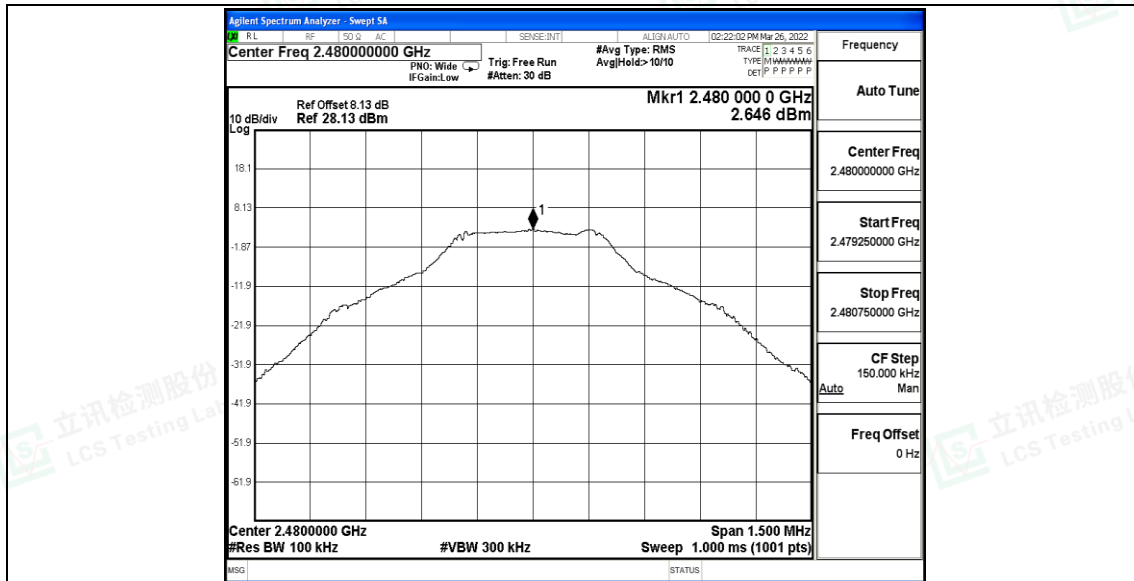


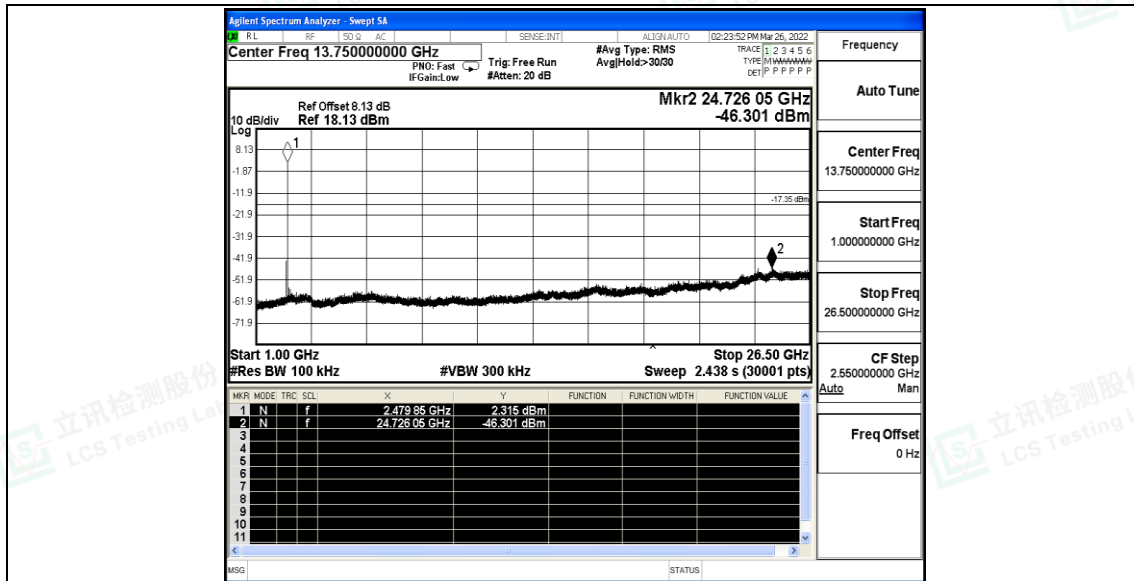
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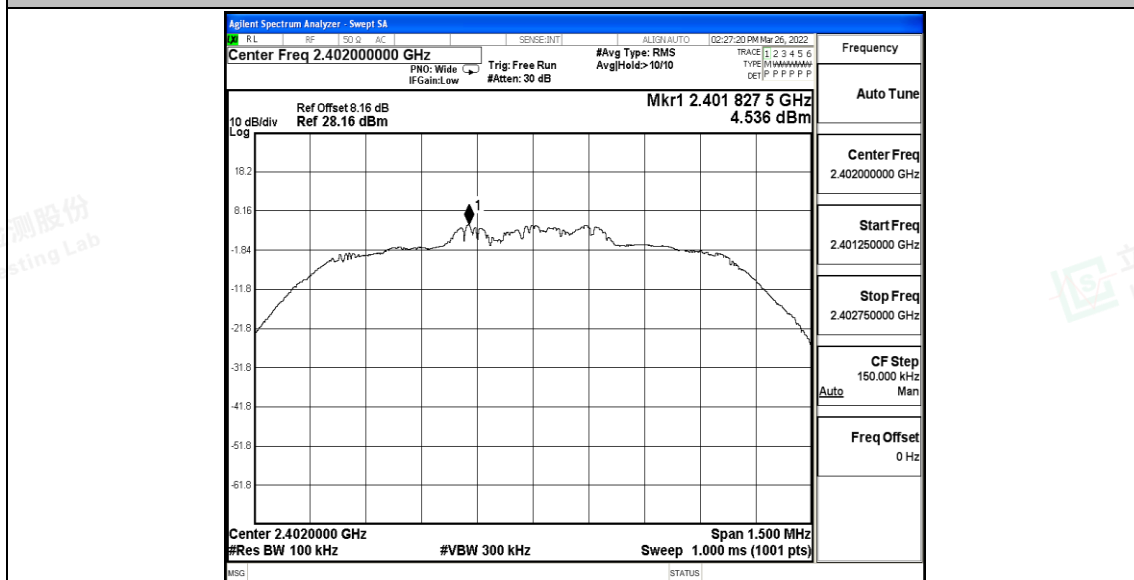
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2DH5_Ant_2402_0-Reference



2DH5_Ant_2402_30~1000

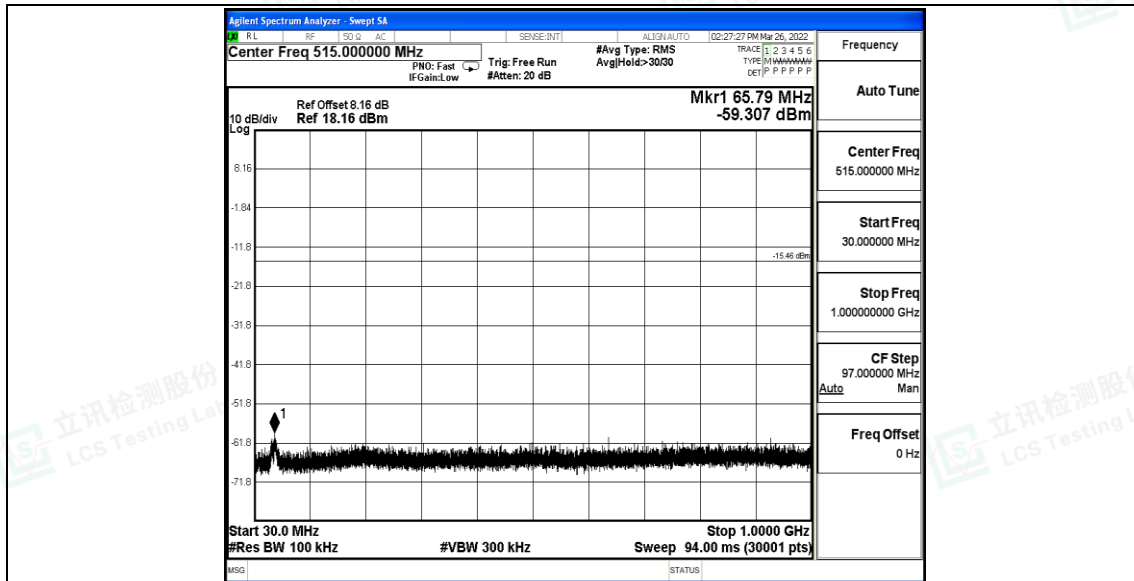


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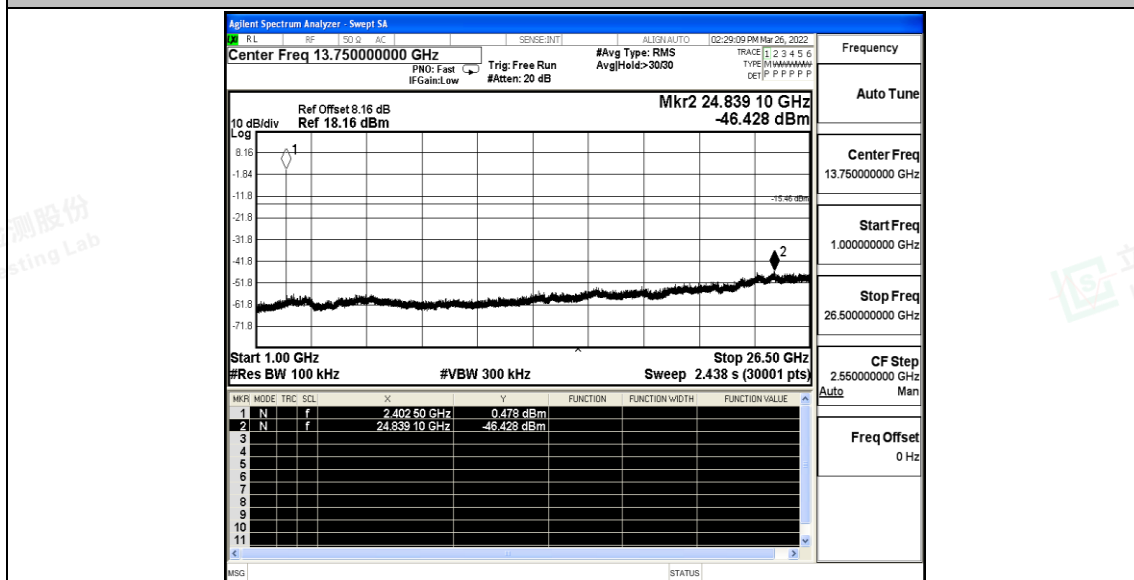
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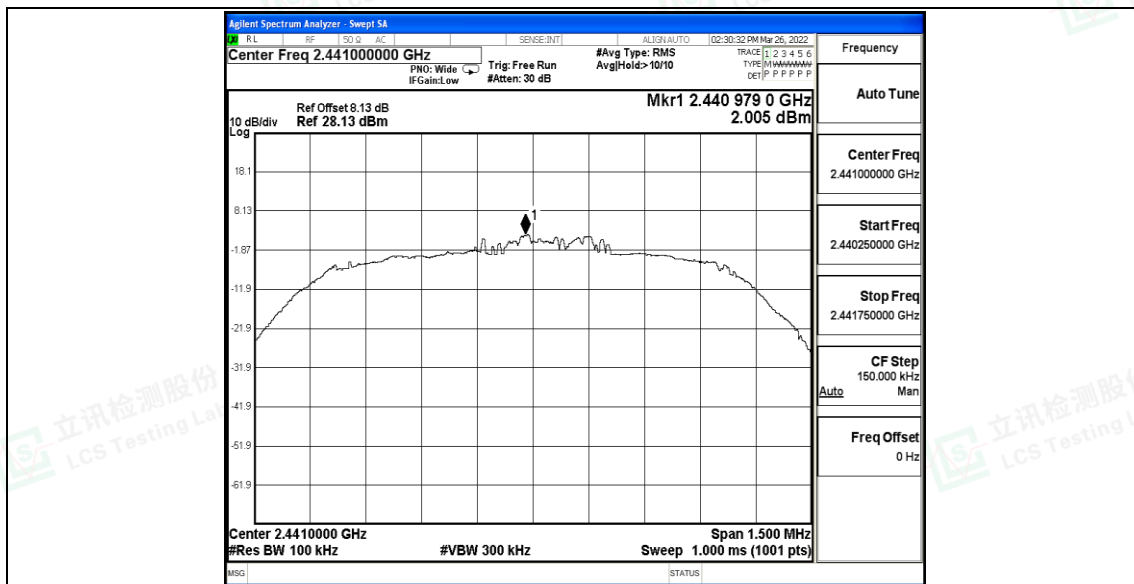


2DH5_Ant_2402_1000~26500

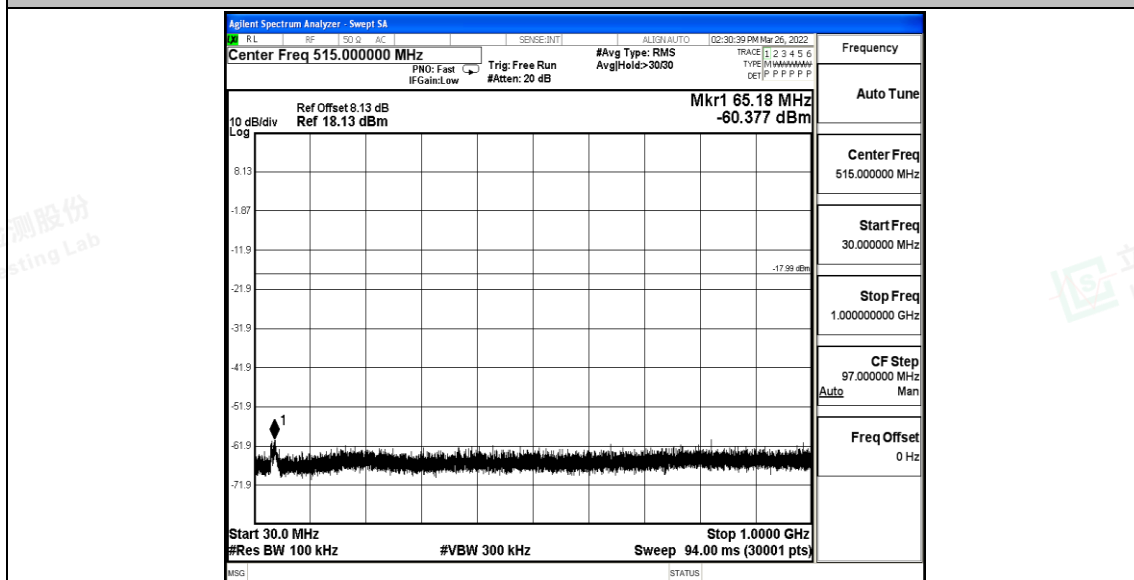


2DH5_Ant_2441_0~Reference





2DH5_Ant_2441_30~1000



2DH5_Ant_2441_1000~26500

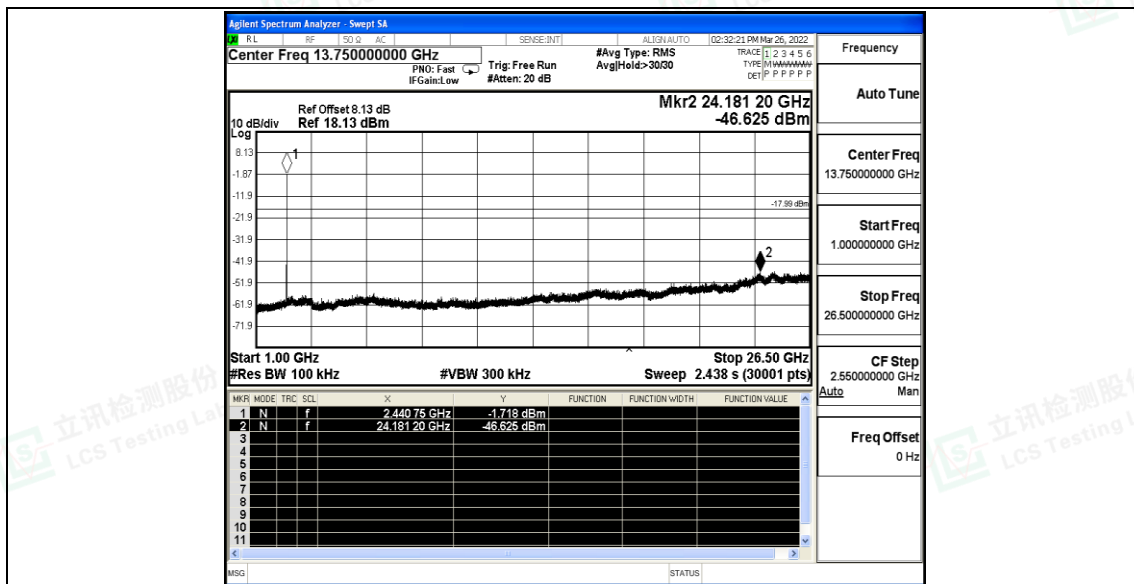


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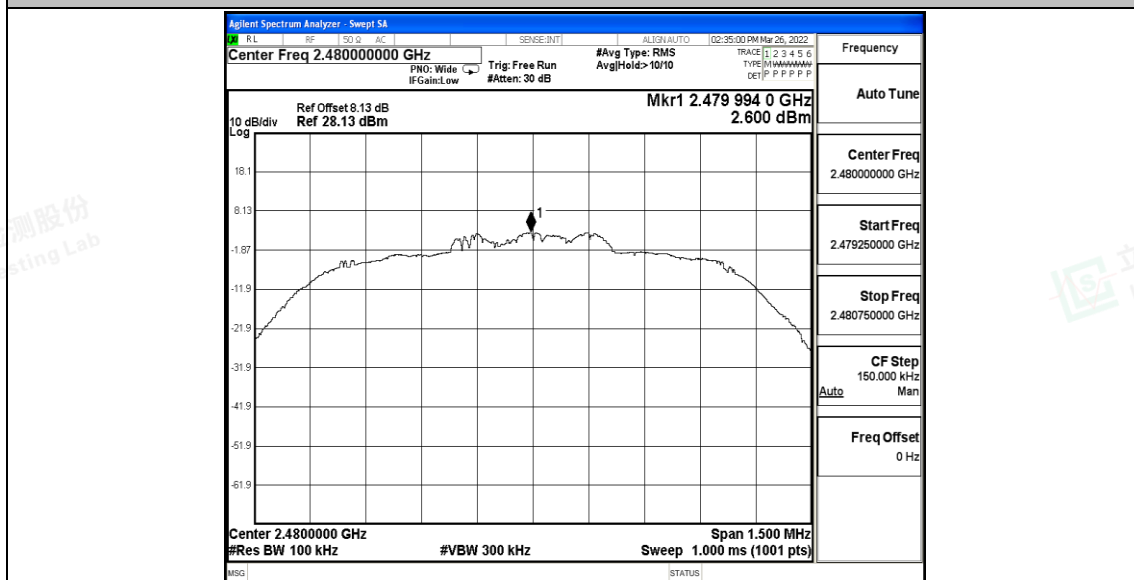
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2DH5_Ant_2480_0-Reference



2DH5_Ant_2480_30~1000

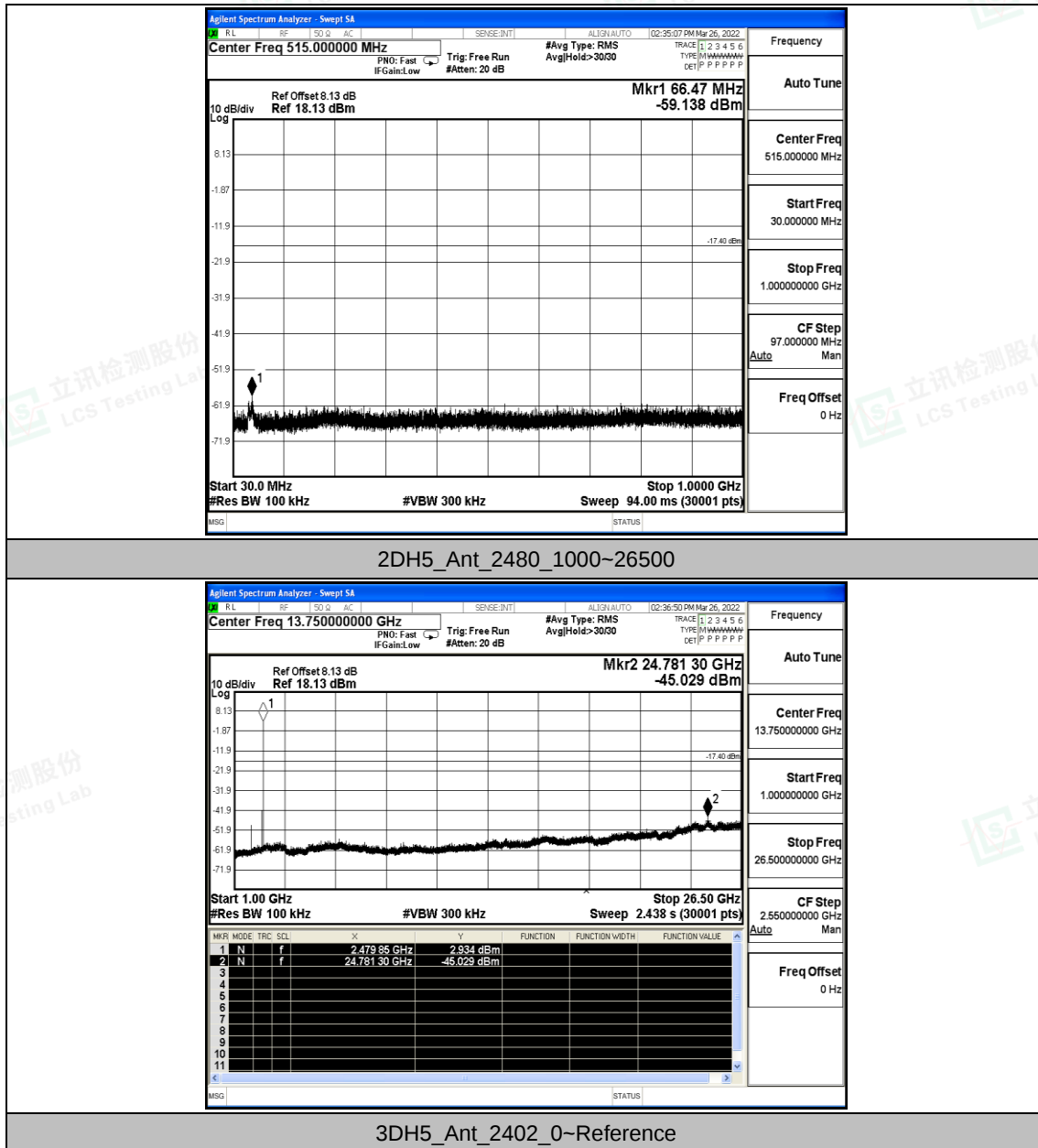


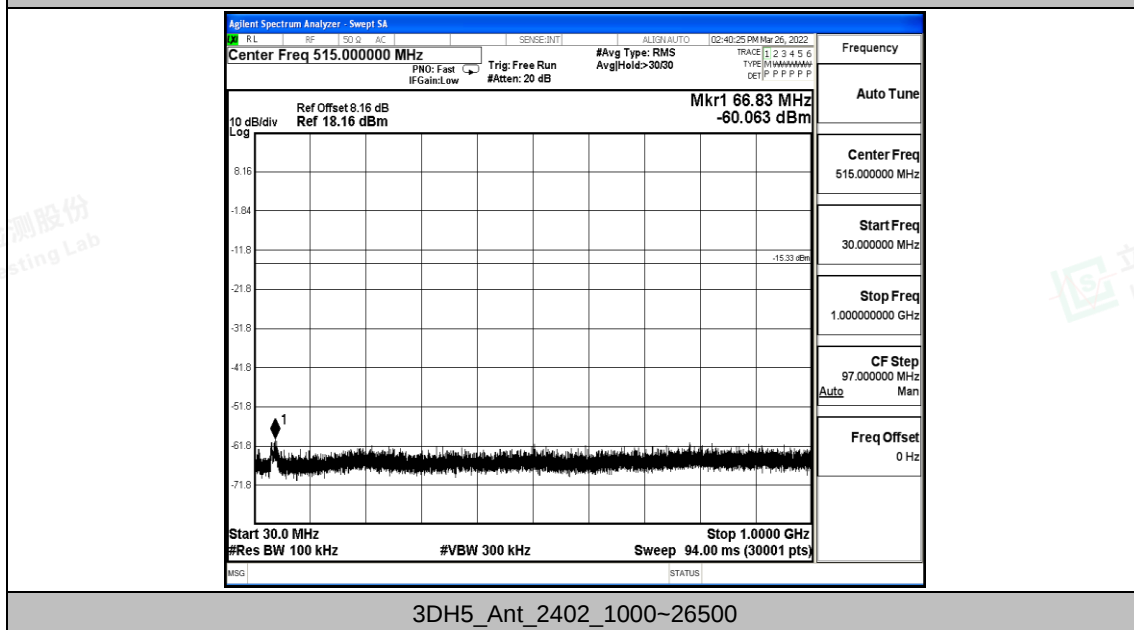
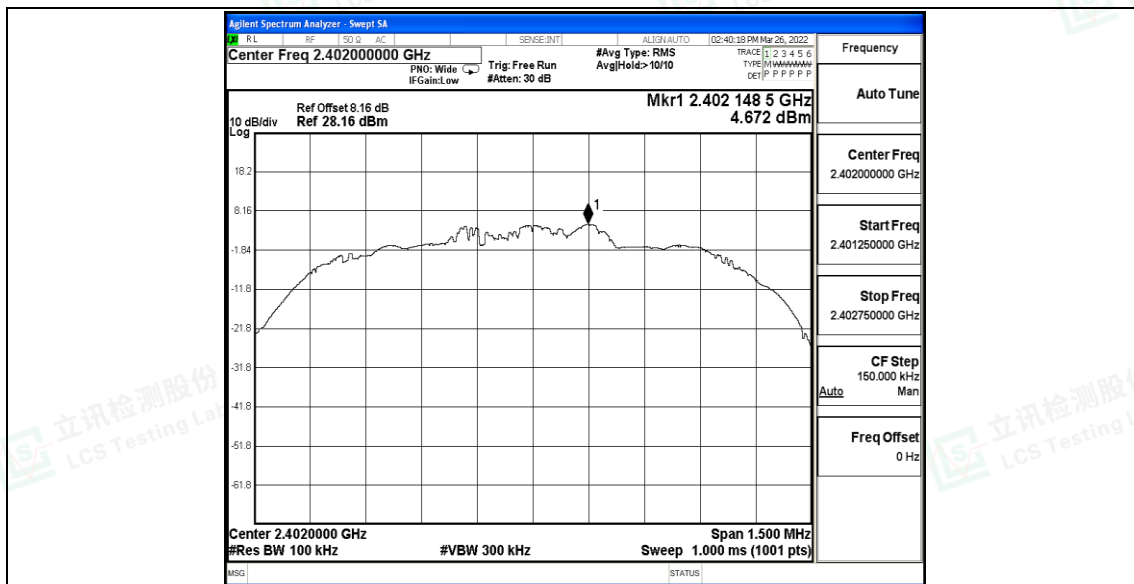
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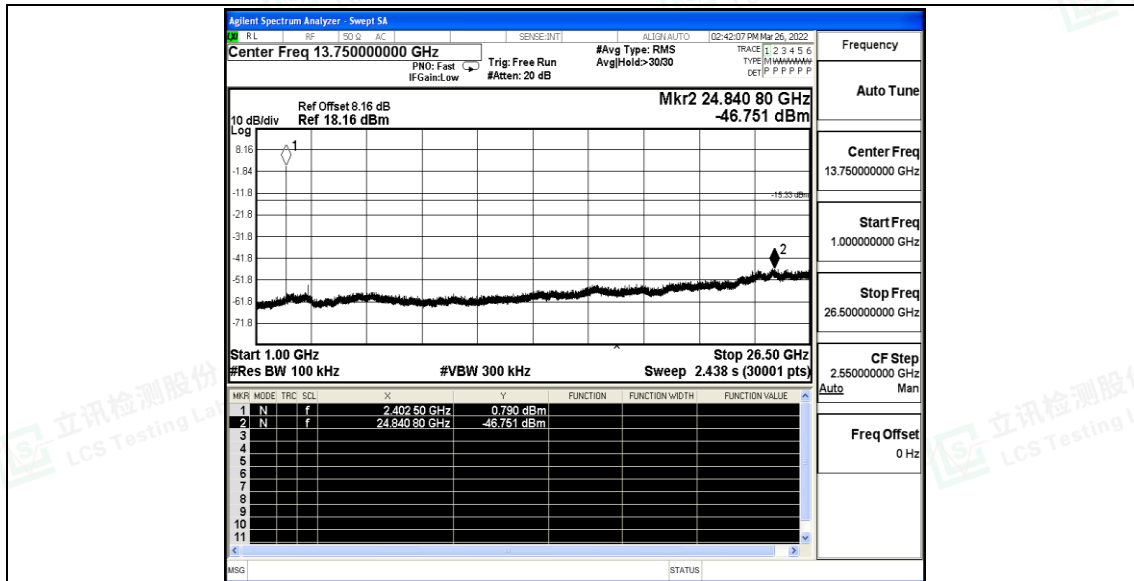


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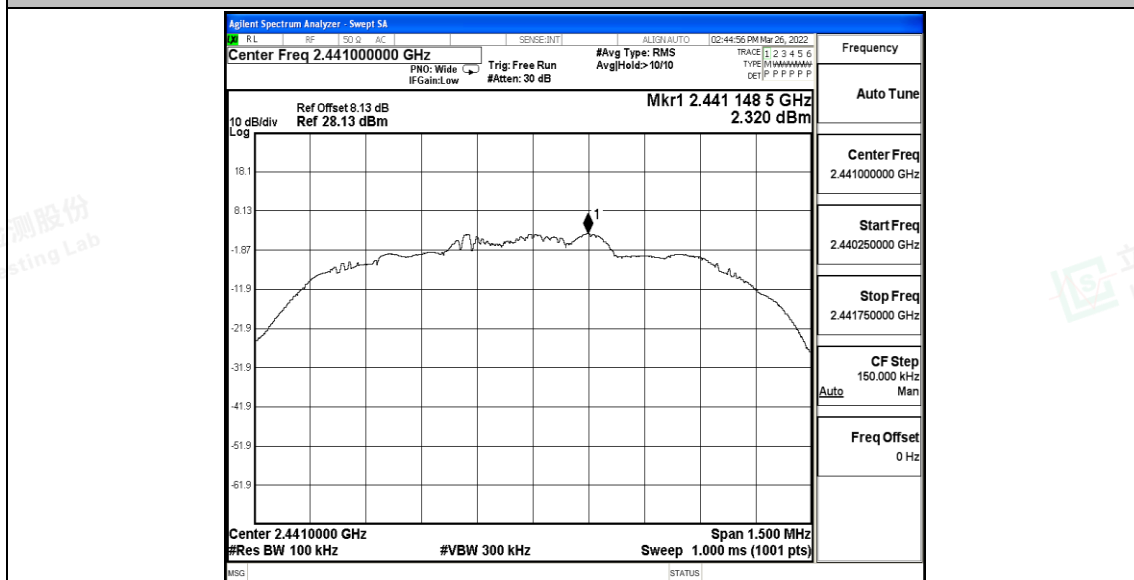
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3DH5_Ant_2441_0-Reference



3DH5_Ant_2441_30~1000

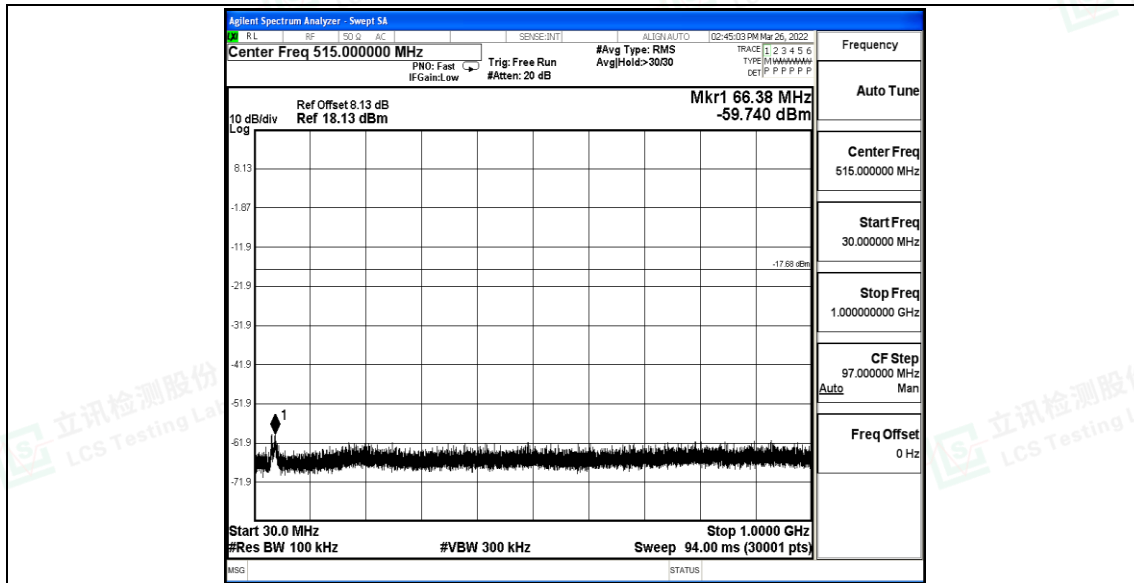


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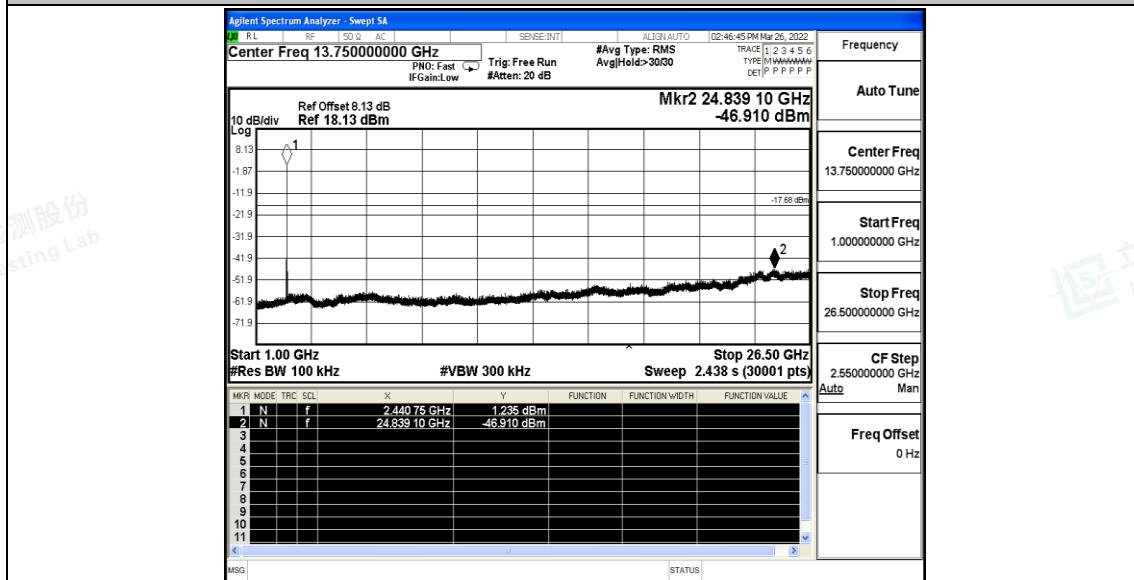
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3DH5_Ant_2441_1000~26500



3DH5_Ant_2480_0~Reference

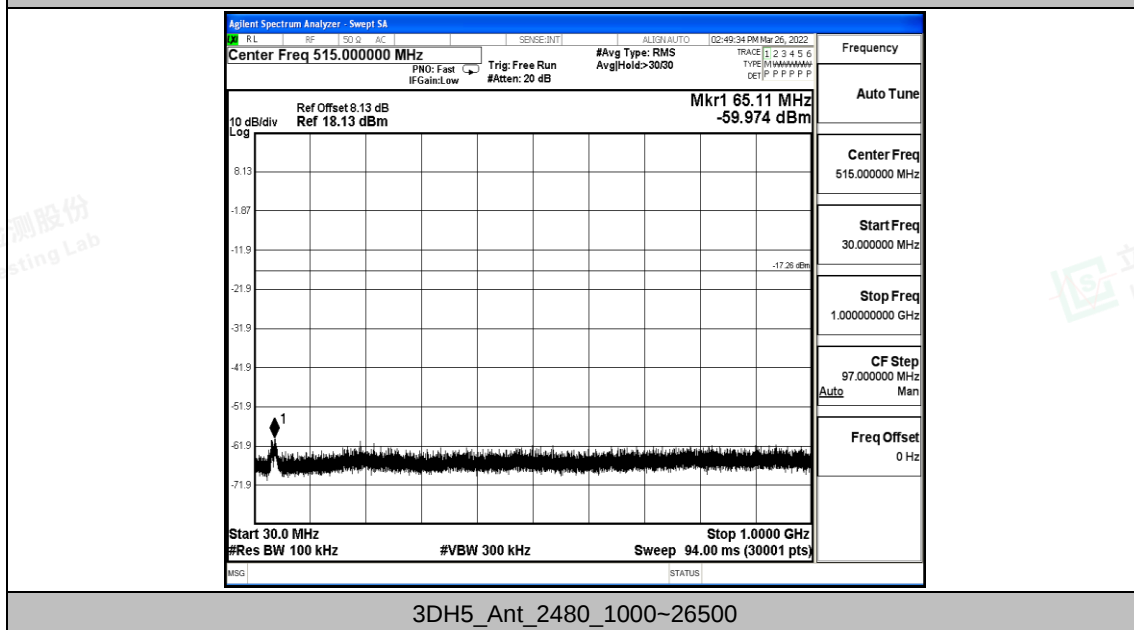
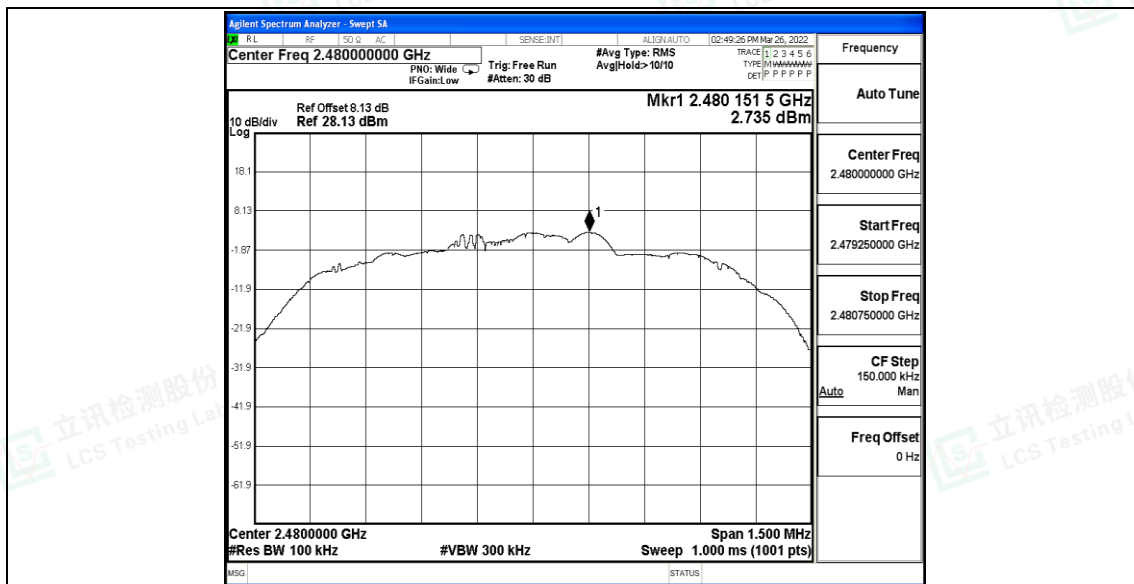


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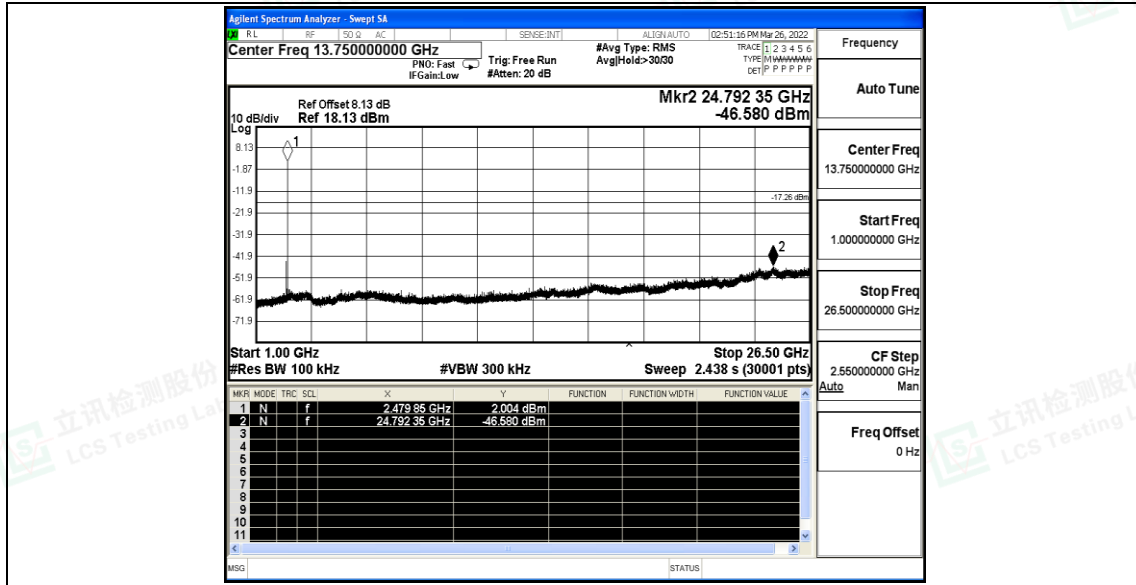


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A.8 Emissions in Restricted Bands

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	-58.68	≤-41.20	36.52	≤54	PASS
				AV	2388.305	-57.59	≤-41.20	37.61	≤54	PASS
				AV	2390.000	-57.6	≤-41.20	37.60	≤54	PASS
				Peak	2310.000	-48.24	≤-21.20	46.96	≤74	PASS
				Peak	2323.205	-46.71	≤-21.20	48.49	≤74	PASS
				Peak	2390.000	-48.26	≤-21.20	46.94	≤74	PASS
		High	2480	AV	2483.500	-54.26	≤-41.20	40.94	≤54	PASS
				AV	2483.520	-54.26	≤-41.20	40.94	≤54	PASS
				AV	2500.000	-57.64	≤-41.20	37.56	≤54	PASS
				Peak	2483.500	-47.41	≤-21.20	47.79	≤74	PASS
				Peak	2488.880	-46.14	≤-21.20	49.06	≤74	PASS
				Peak	2500.000	-47.94	≤-21.20	47.26	≤74	PASS
2DH5	Ant	Low	2402	AV	2310.000	-58.6	≤-41.20	36.60	≤54	PASS
				AV	2389.670	-57.58	≤-41.20	37.62	≤54	PASS
				AV	2390.000	-57.64	≤-41.20	37.56	≤54	PASS
				Peak	2310.000	-48.7	≤-21.20	46.50	≤74	PASS
				Peak	2386.520	-46.83	≤-21.20	48.37	≤74	PASS
				Peak	2390.000	-48.15	≤-21.20	47.05	≤74	PASS
		High	2480	AV	2483.500	-53.04	≤-41.20	42.16	≤54	PASS
				AV	2483.520	-53.04	≤-41.20	42.16	≤54	PASS
				AV	2500.000	-57.6	≤-41.20	37.60	≤54	PASS
				Peak	2483.500	-45.96	≤-21.20	49.24	≤74	PASS
				Peak	2483.600	-45.27	≤-21.20	49.93	≤74	PASS
				Peak	2500.000	-47.69	≤-21.20	47.51	≤74	PASS
3DH5	Ant	Low	2402	AV	2310.000	-58.57	≤-41.20	36.63	≤54	PASS
				AV	2389.565	-57.59	≤-41.20	37.61	≤54	PASS
				AV	2390.000	-57.71	≤-41.20	37.49	≤54	PASS
				Peak	2310.000	-48.99	≤-21.20	46.21	≤74	PASS
				Peak	2388.410	-46.36	≤-21.20	48.84	≤74	PASS
				Peak	2390.000	-47.75	≤-21.20	47.45	≤74	PASS
		High	2480	AV	2483.500	-52.92	≤-41.20	42.28	≤54	PASS
				AV	2483.520	-52.92	≤-41.20	42.28	≤54	PASS
				AV	2500.000	-57.66	≤-41.20	37.54	≤54	PASS
				Peak	2483.500	-45.32	≤-21.20	49.88	≤74	PASS
				Peak	2483.600	-44.87	≤-21.20	50.33	≤74	PASS



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				Peak	2500.000	-48.73	≤-21.20	46.47	≤74	PASS
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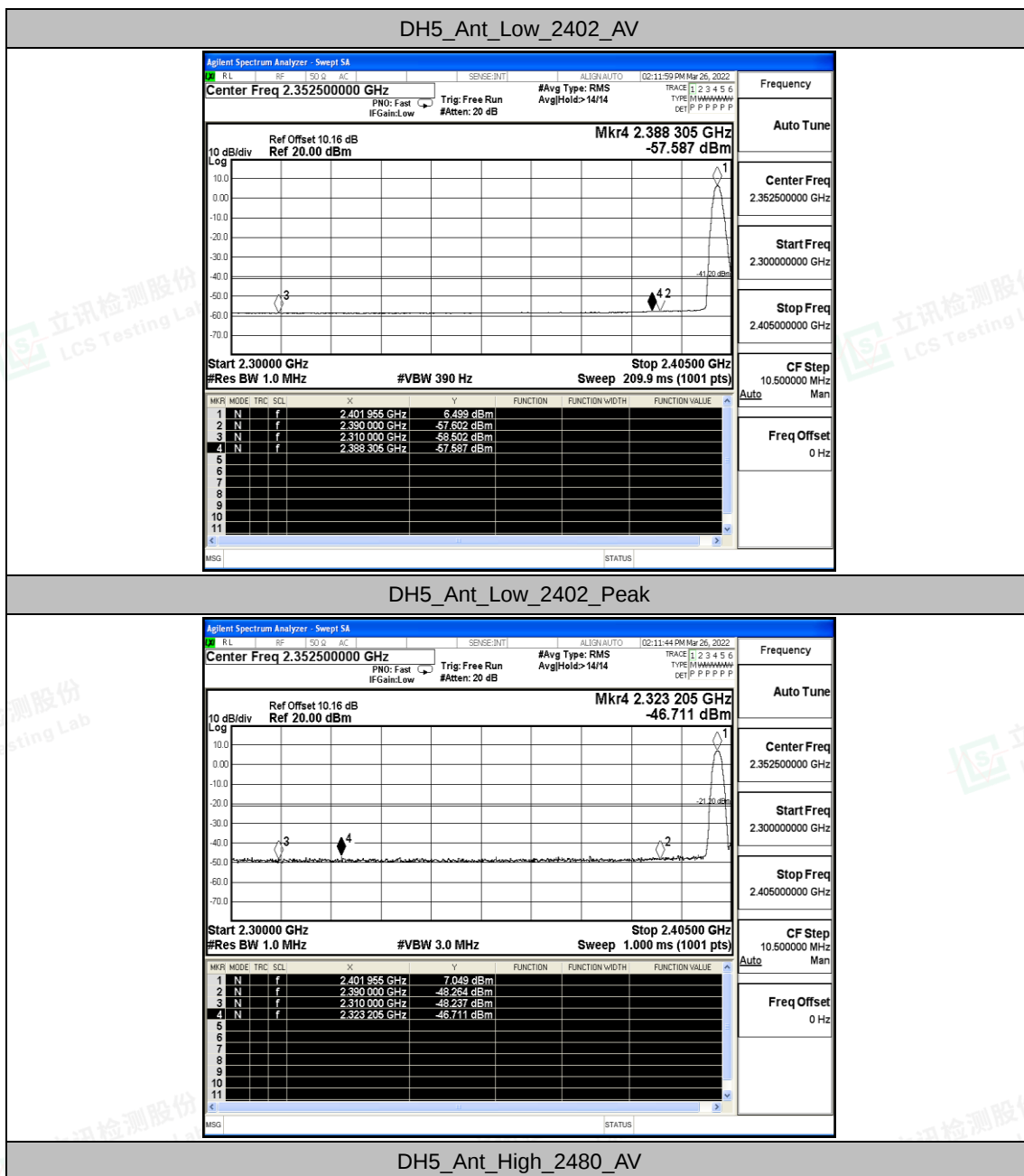
Note:

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

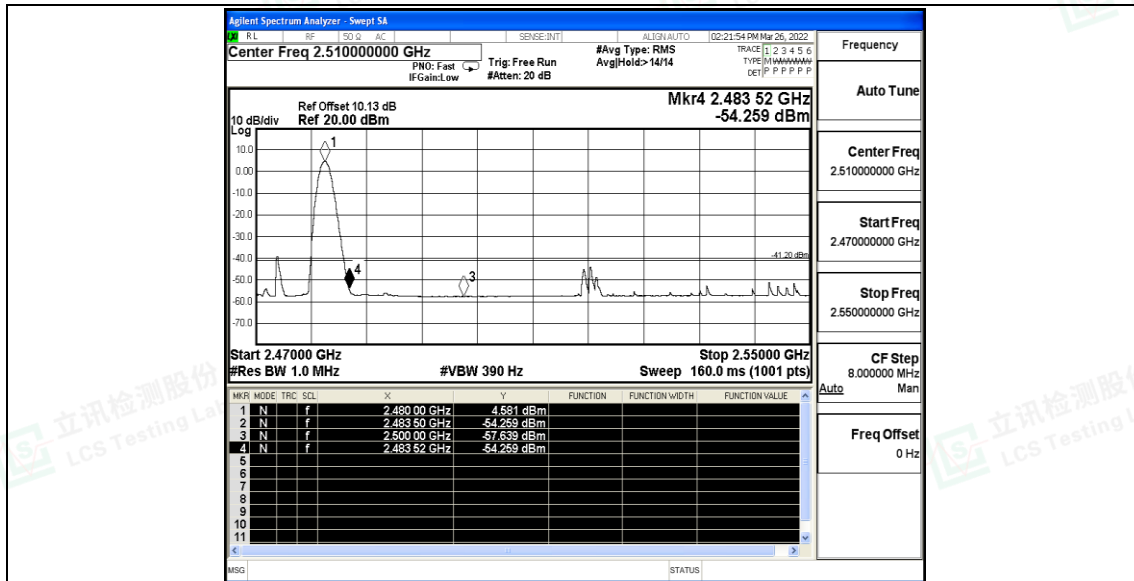


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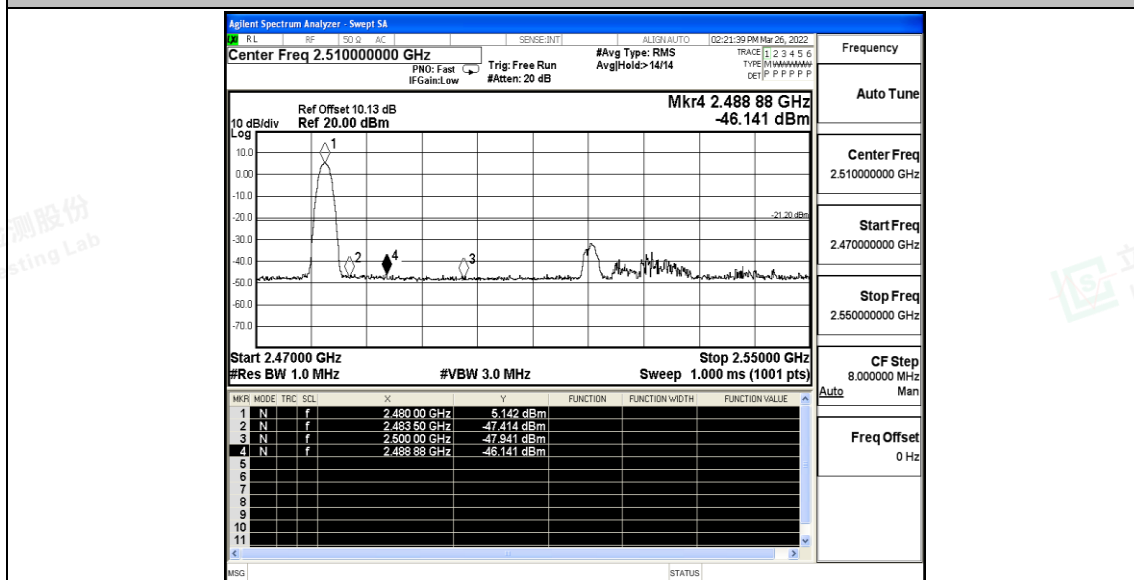
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DH5_Ant_High_2480_Peak



2DH5_Ant_Low_2402_AV

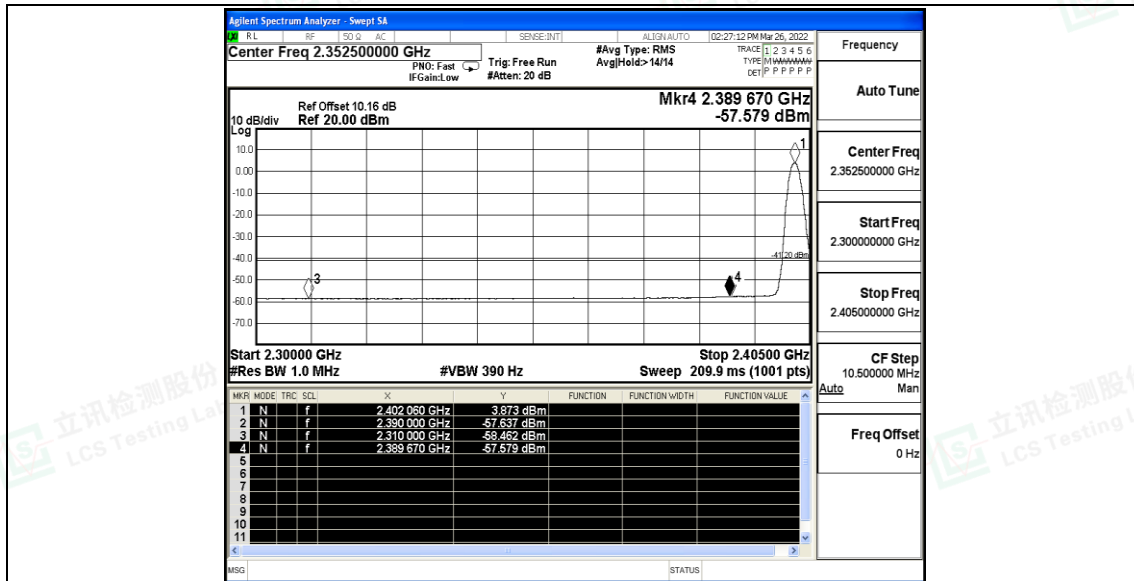


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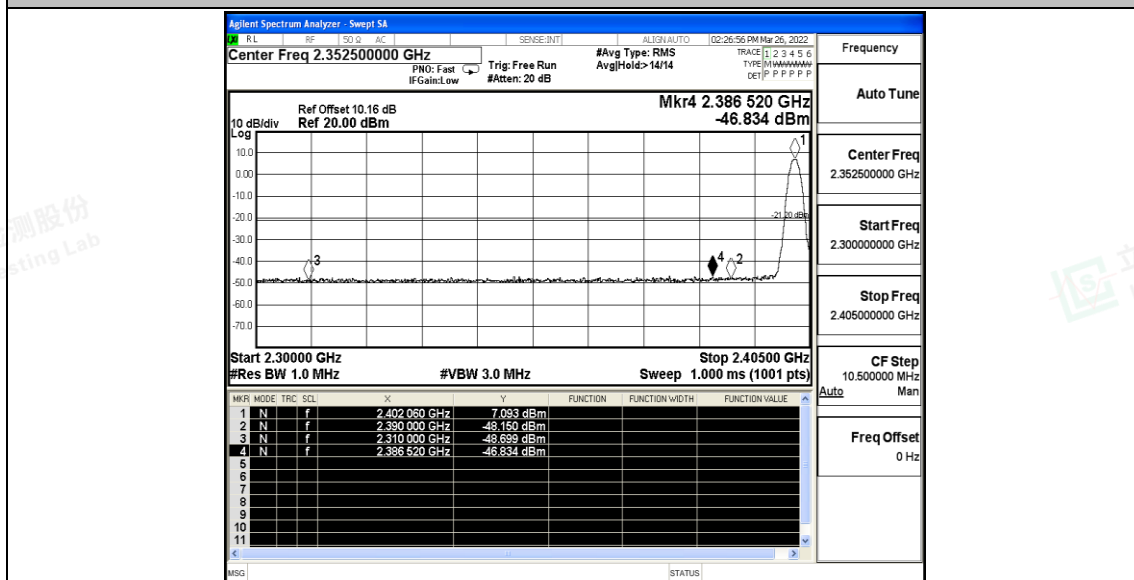
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2DH5_Ant_Low_2402_Peak



2DH5_Ant_High_2480_AV

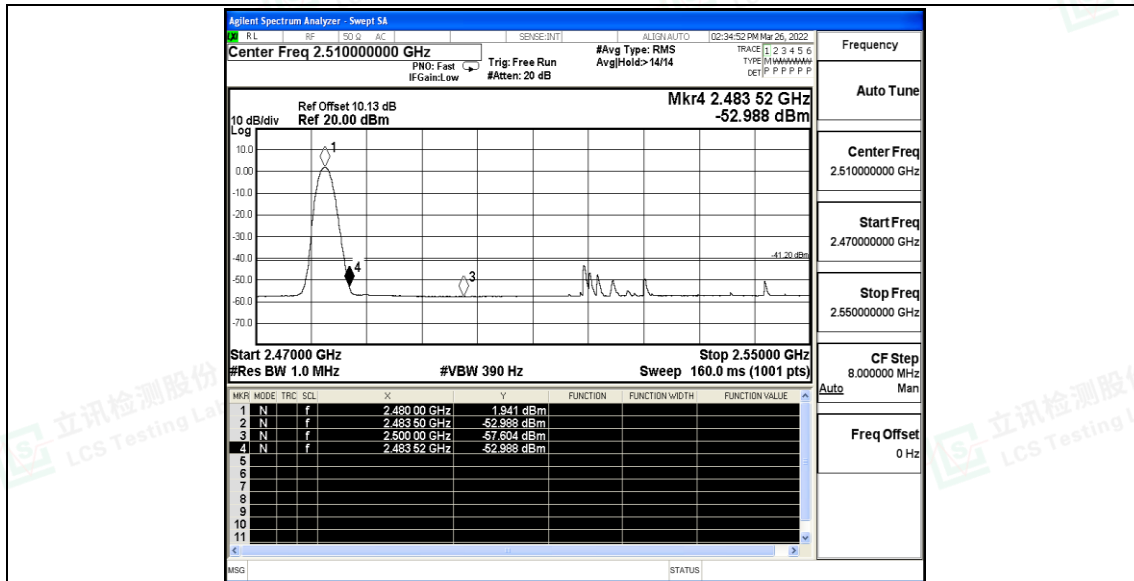


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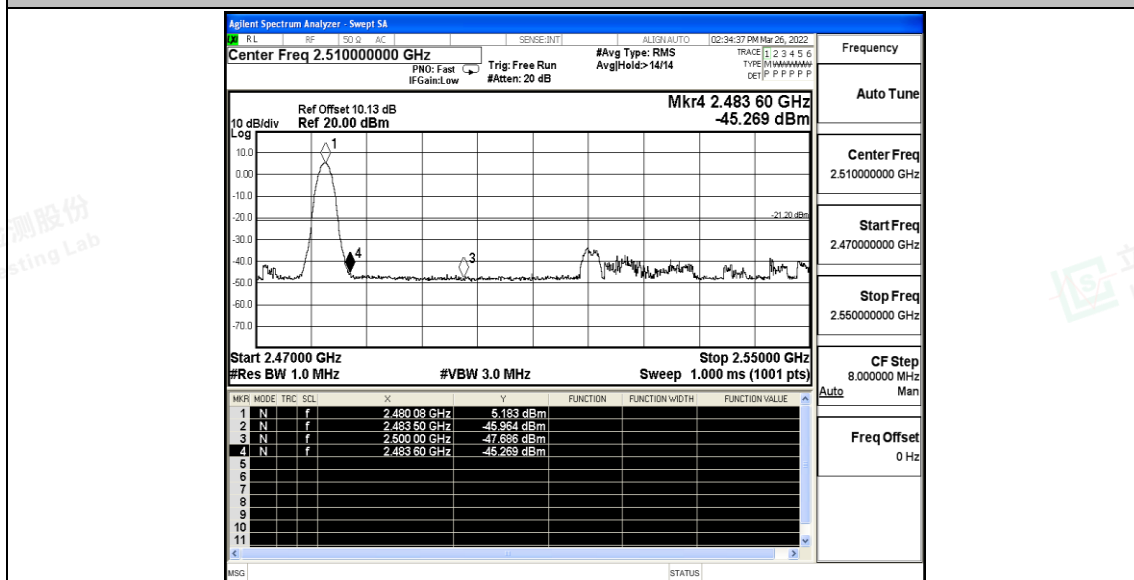
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2DH5_Ant_High_2480_Peak



3DH5_Ant_Low_2402_AV

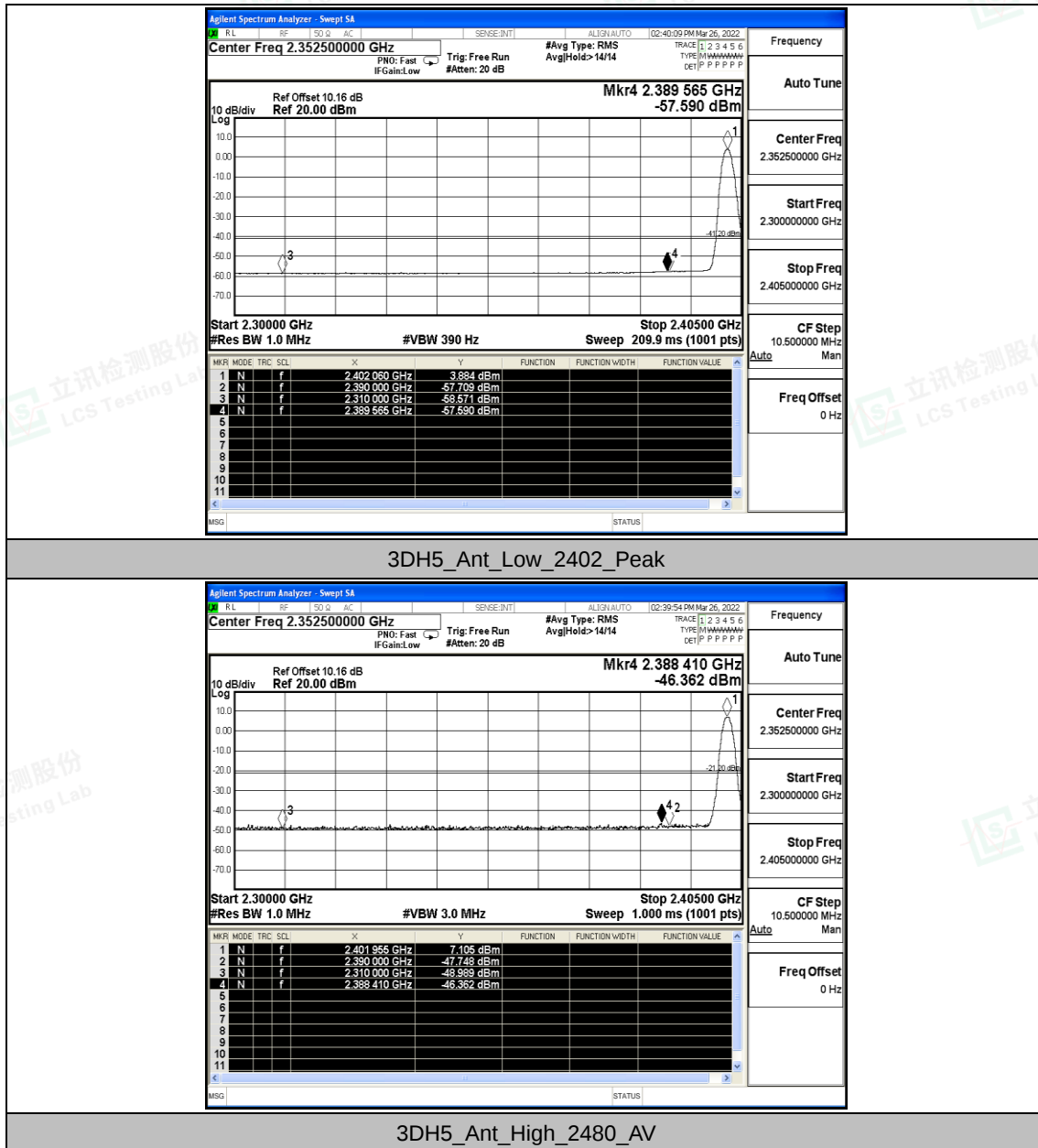


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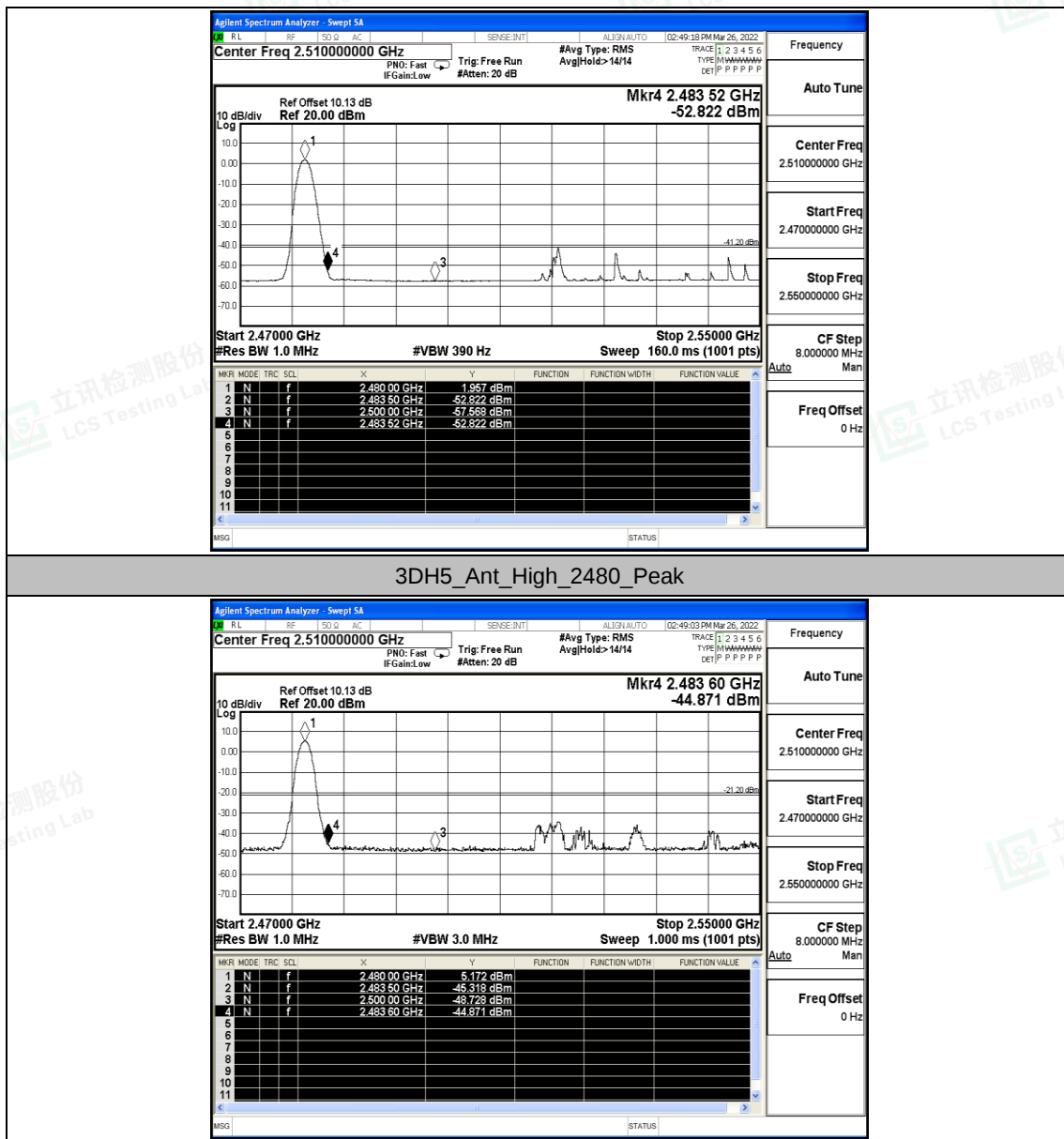


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