



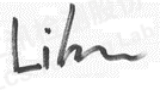
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: 10inch tablet pc

Test Model: YY-F1010

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Monkey Li
Supervised by:	 Li Huan





A.1 20dB Emission Bandwidth

Test Result

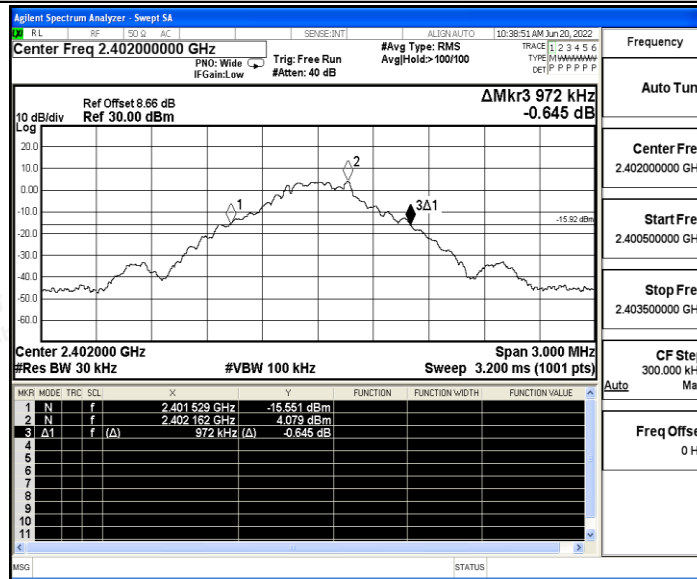
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant	2402	0.972	2401.529	2402.501	---
		2441	1.038	2440.466	2441.504	---
		2480	1.023	2479.469	2480.492	---
2DH5	Ant	2402	1.290	2401.364	2402.654	---
		2441	1.296	2440.361	2441.657	---
		2480	1.323	2479.337	2480.660	---
3DH5	Ant	2402	1.293	2401.352	2402.645	---
		2441	1.308	2440.346	2441.654	---
		2480	1.305	2479.349	2480.654	---



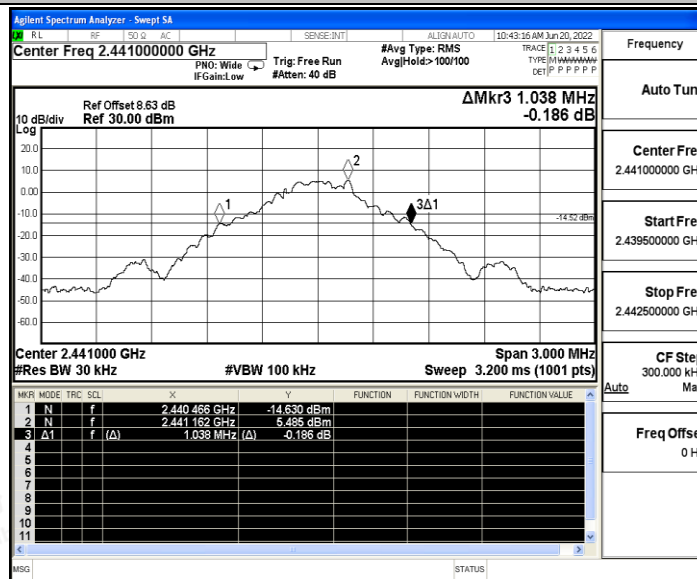


Test Graphs

DH5_Ant_2402

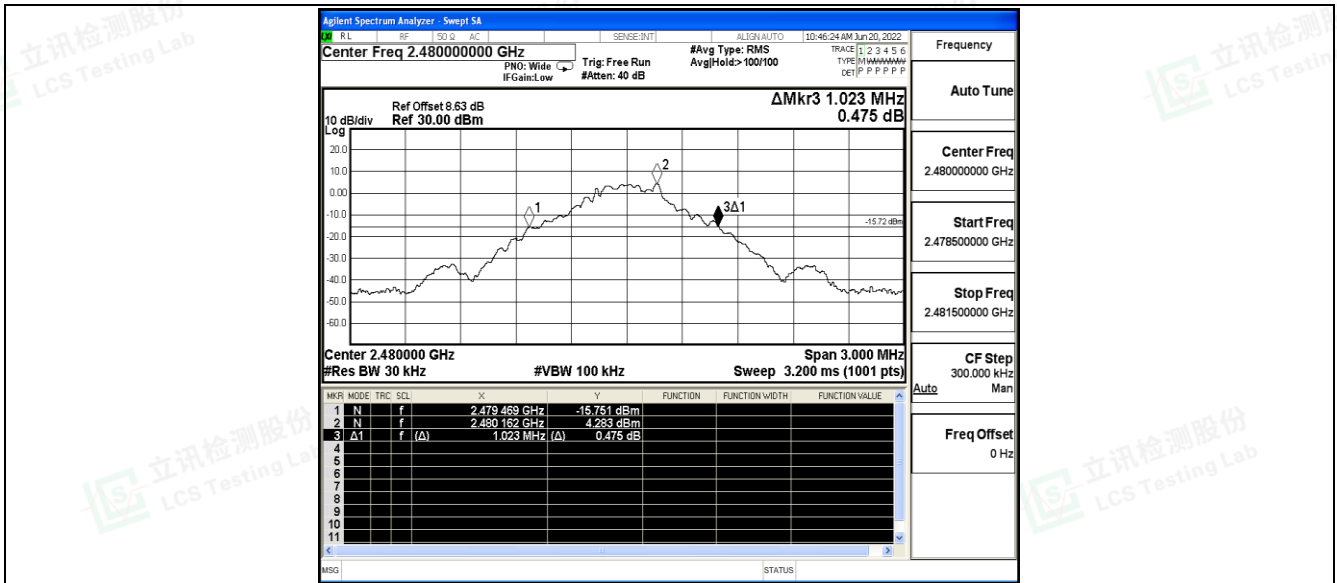


DH5_Ant_2441

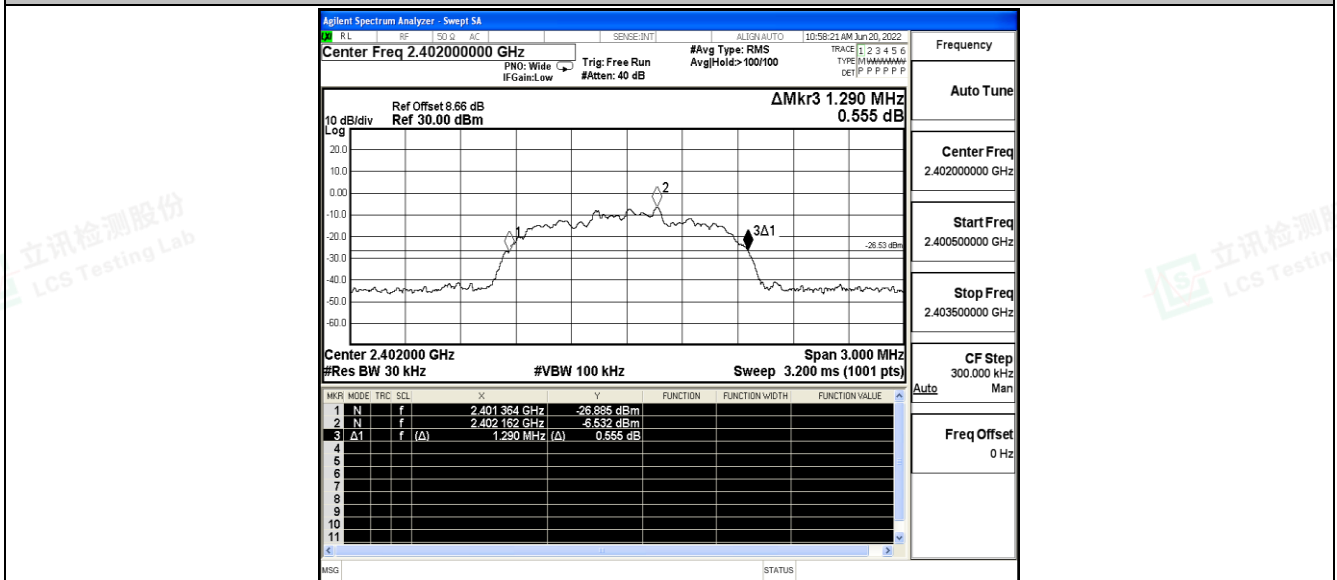


DH5_Ant_2480





2DH5_Ant_2402



2DH5_Ant_2441

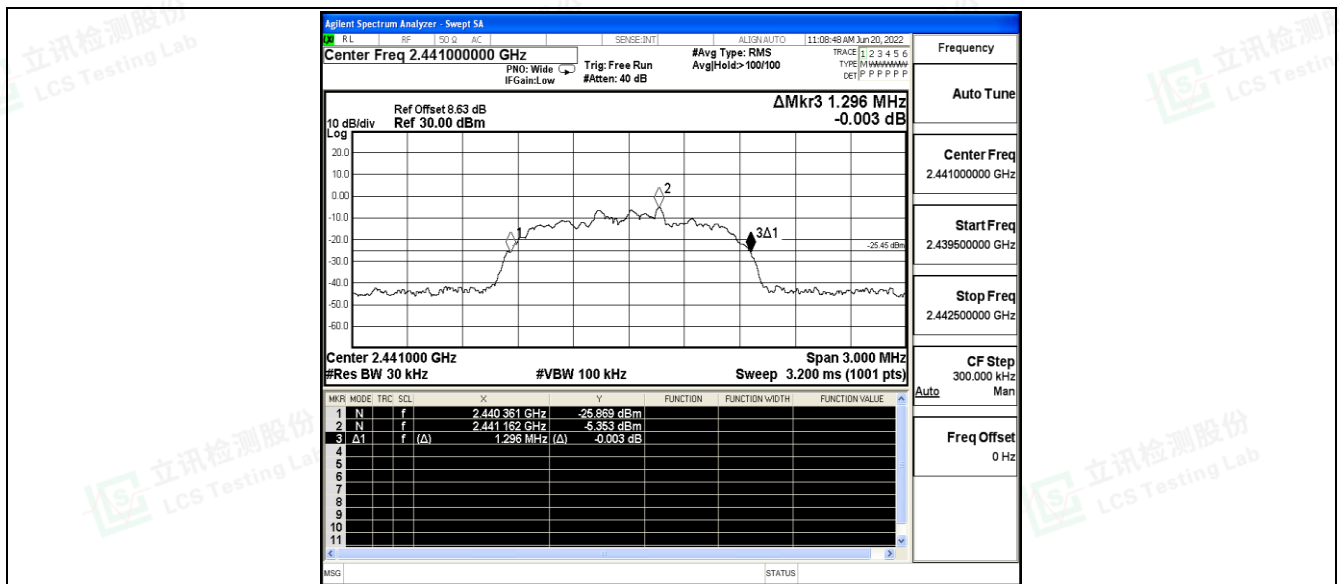


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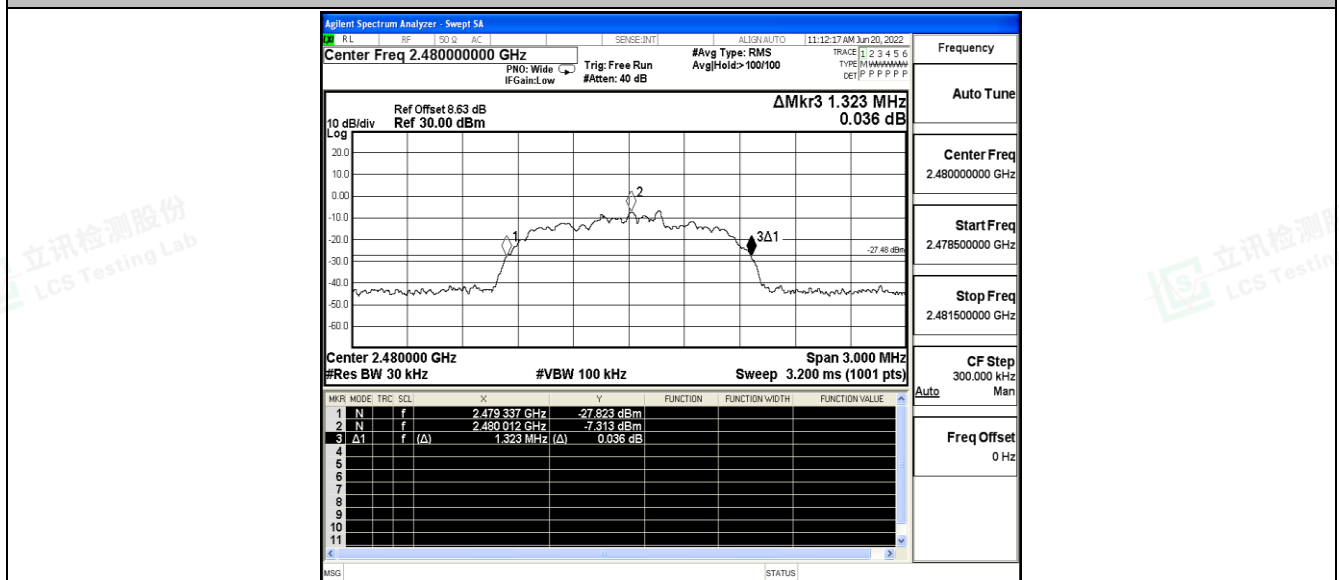
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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2DH5_Ant_2480



3DH5_Ant_2402

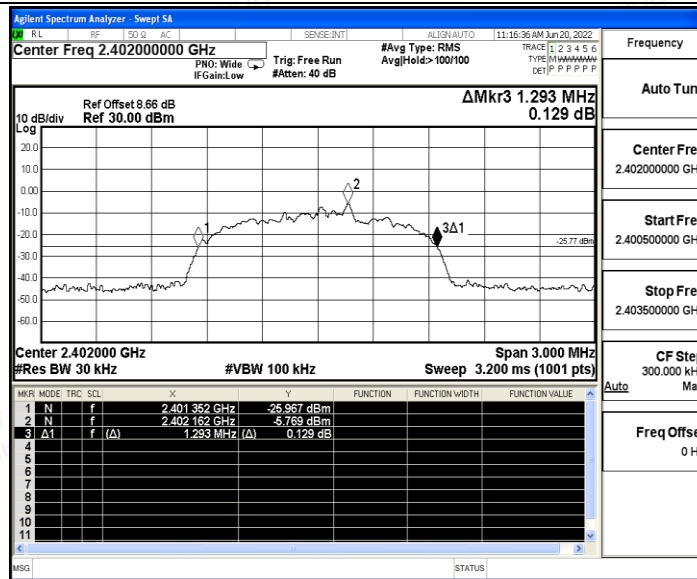


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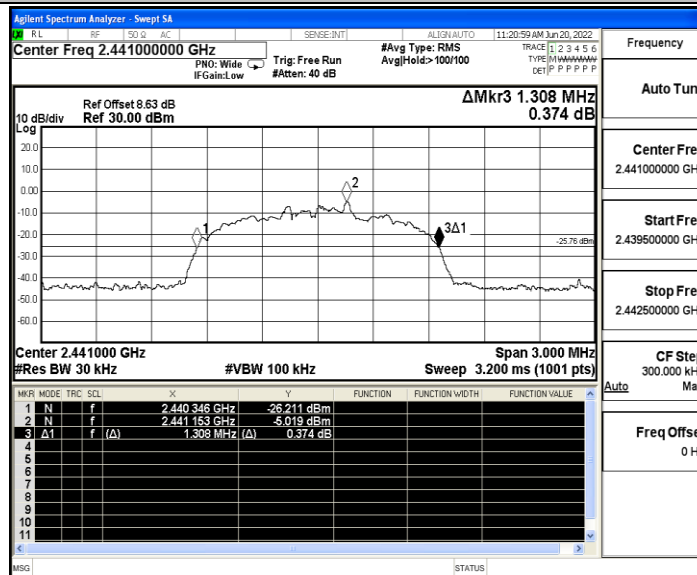
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3DH5_Ant_2441



3DH5_Ant_2480



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A.2 Maximum peak conducted output power

Test Result

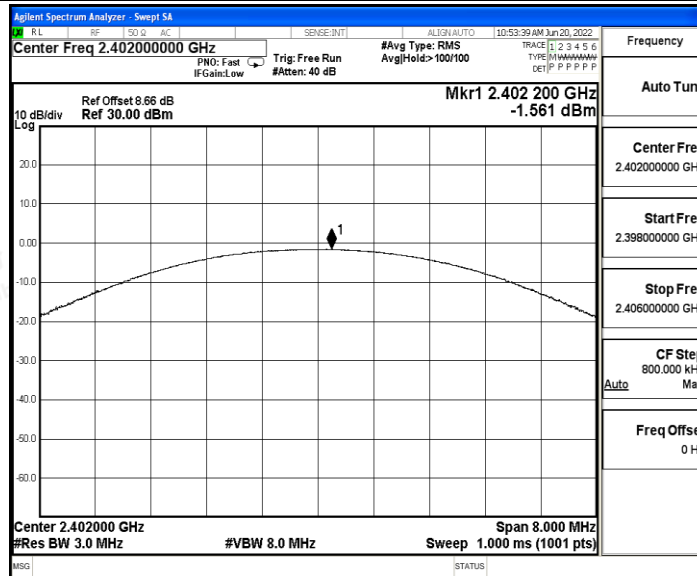
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant	2402	-1.56	≤20.97	PASS
		2441	-0.39	≤20.97	PASS
		2480	-1.52	≤20.97	PASS
2DH5	Ant	2402	-2.55	≤20.97	PASS
		2441	-1.28	≤20.97	PASS
		2480	-2.51	≤20.97	PASS
3DH5	Ant	2402	-2.22	≤20.97	PASS
		2441	-1.16	≤20.97	PASS
		2480	-2.09	≤20.97	PASS



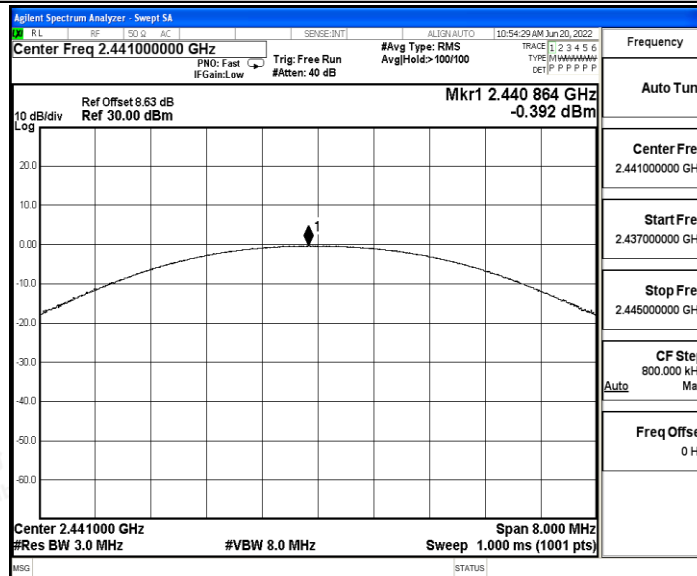


Test Graphs

DH5_Ant_2402

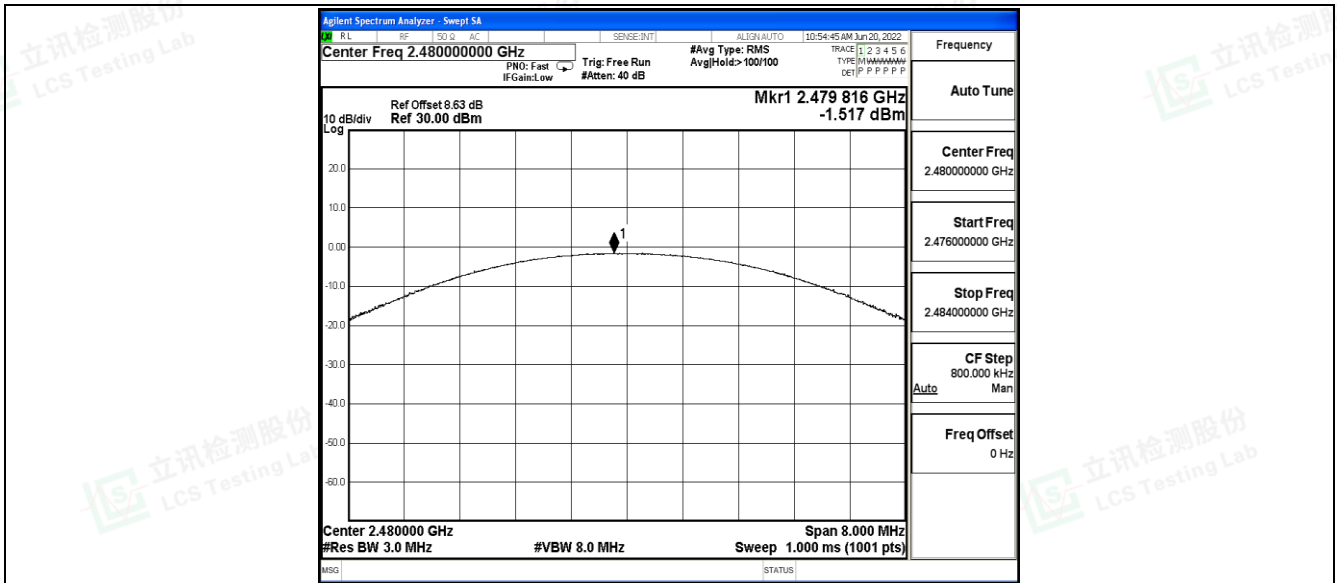


DH5_Ant_2441

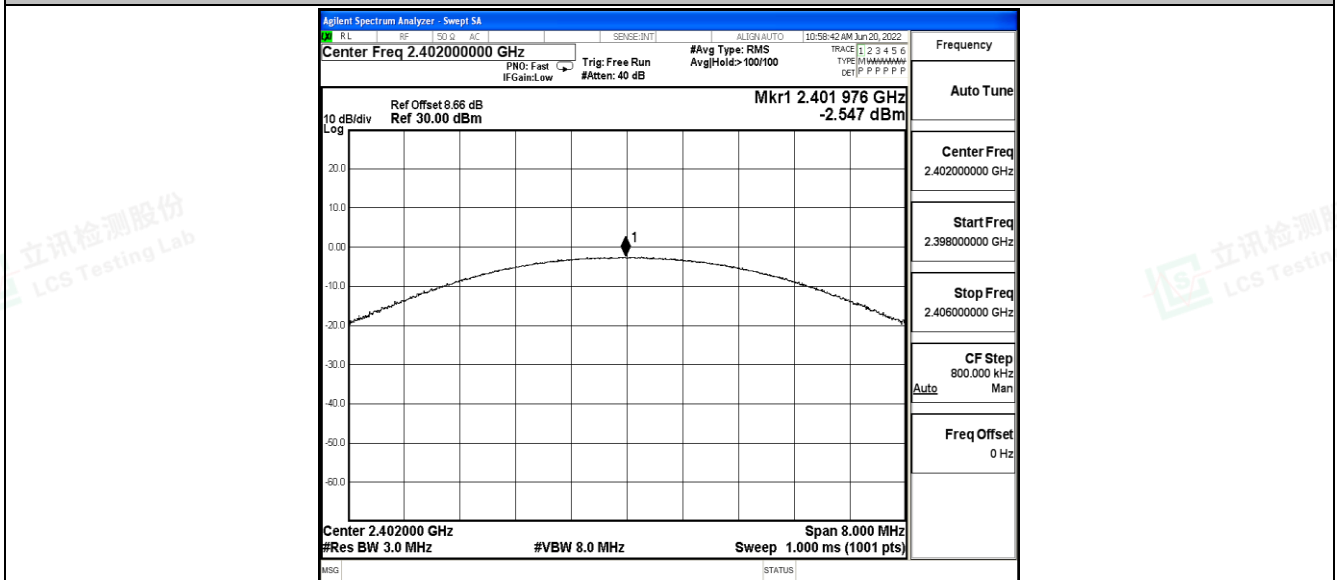


DH5_Ant_2480



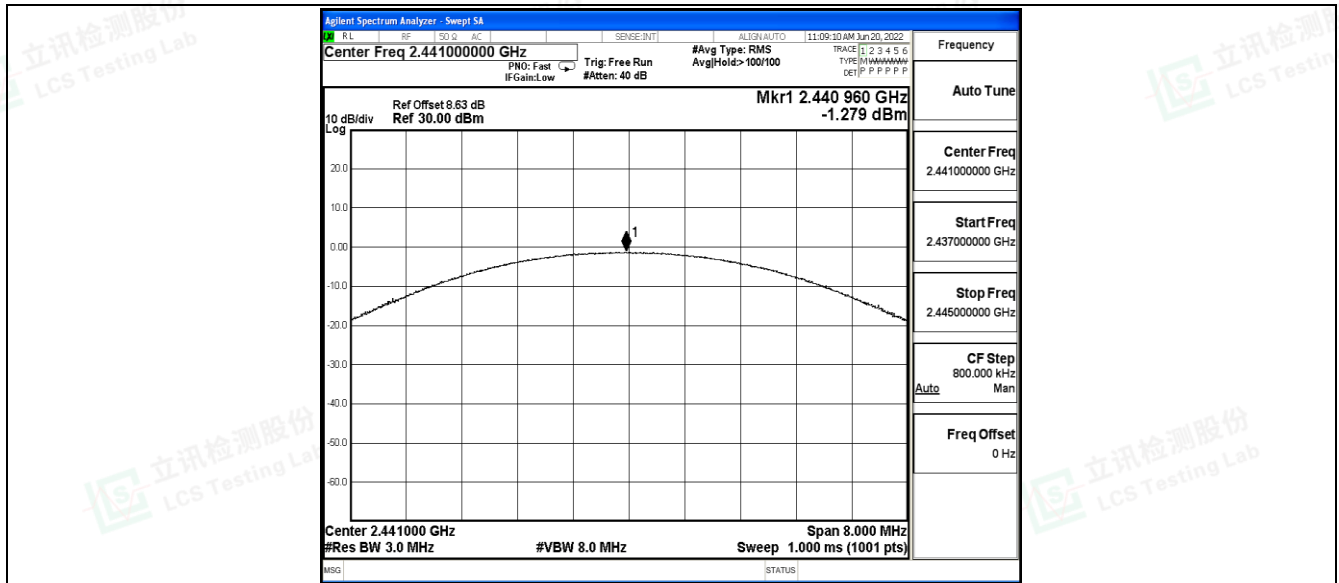


2DH5_Ant_2402

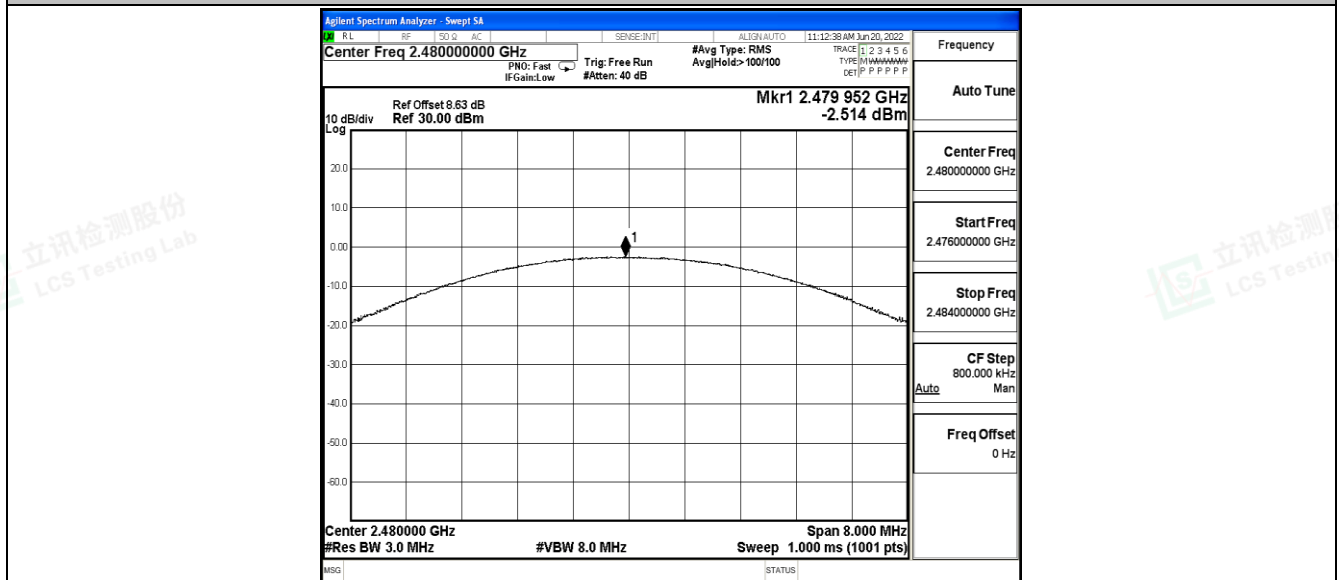


2DH5_Ant_2441



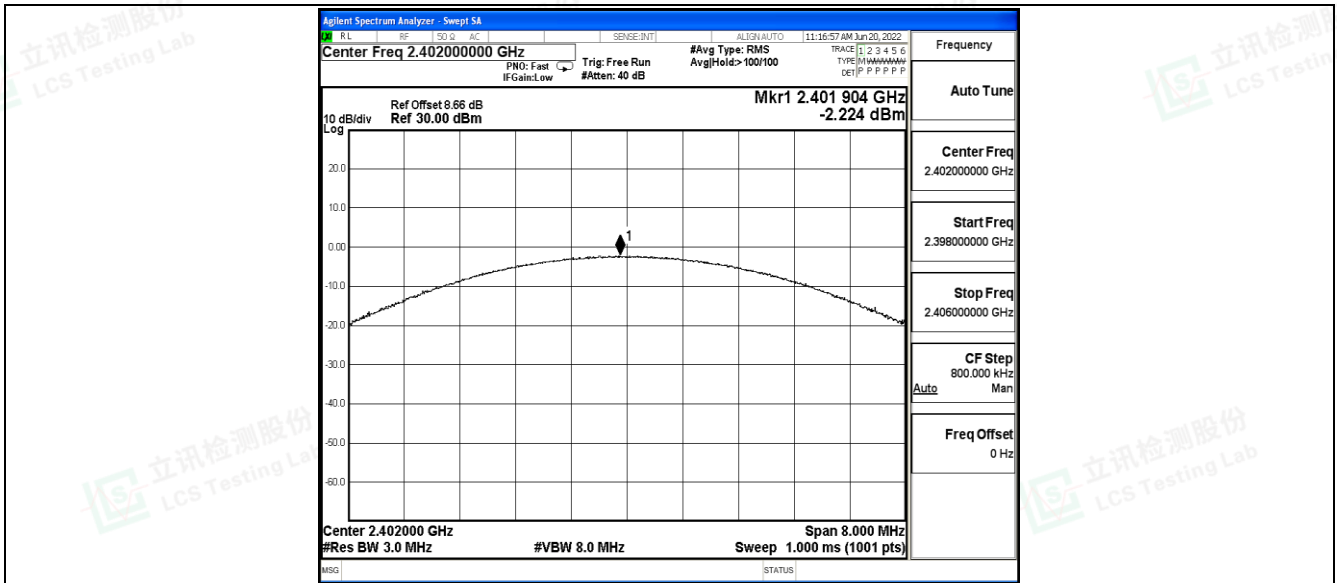


2DH5_Ant_2480

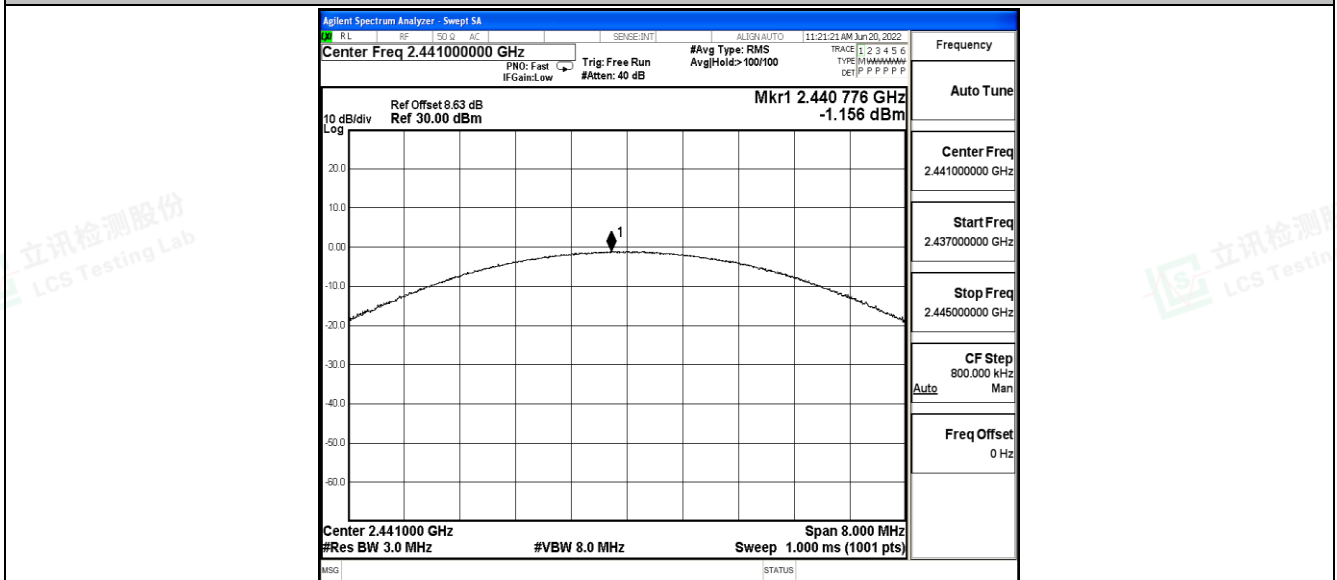


3DH5_Ant_2402



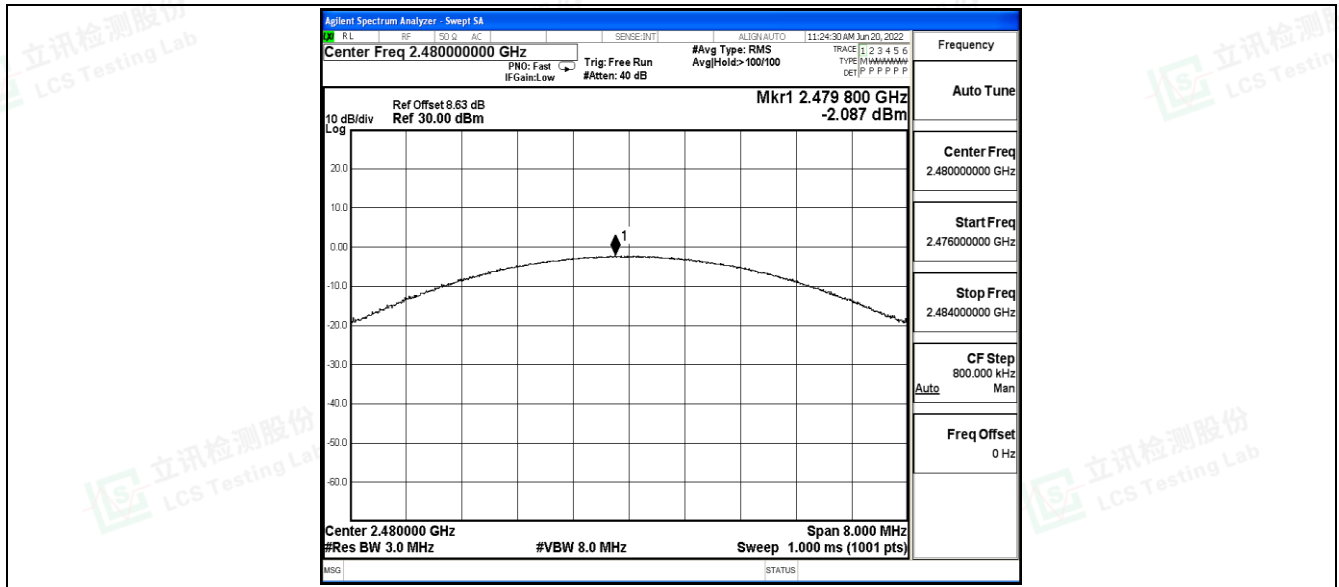


3DH5_Ant_2441



3DH5_Ant_2480







A.3 Carrier frequency separation

Test Result

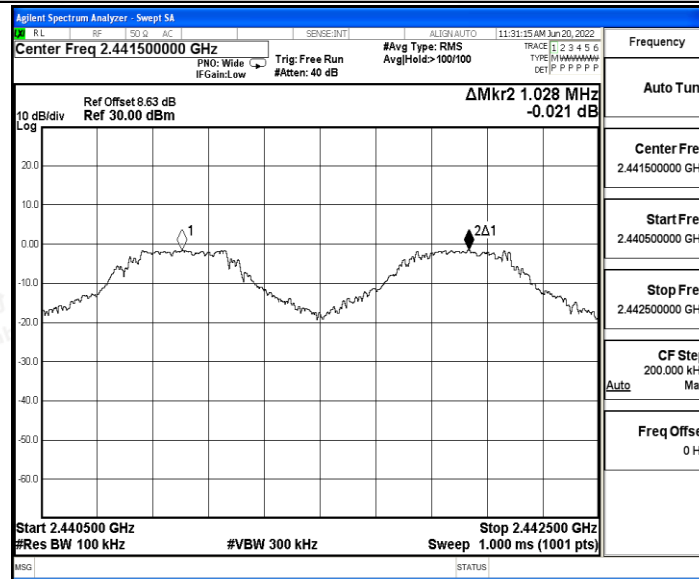
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant	Hop	1.028	≥0.692	PASS
2DH5	Ant	Hop	1.31	≥0.882	PASS
3DH5	Ant	Hop	0.886	≥0.872	PASS



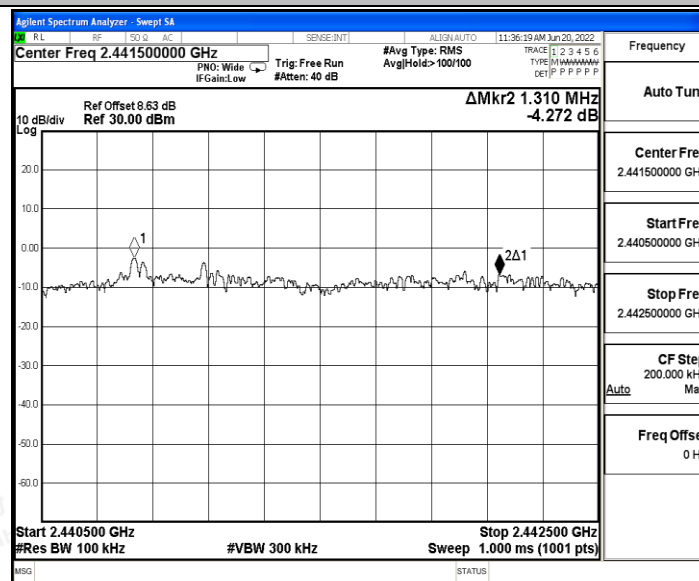


Test Graphs

DH5_Ant_Hop

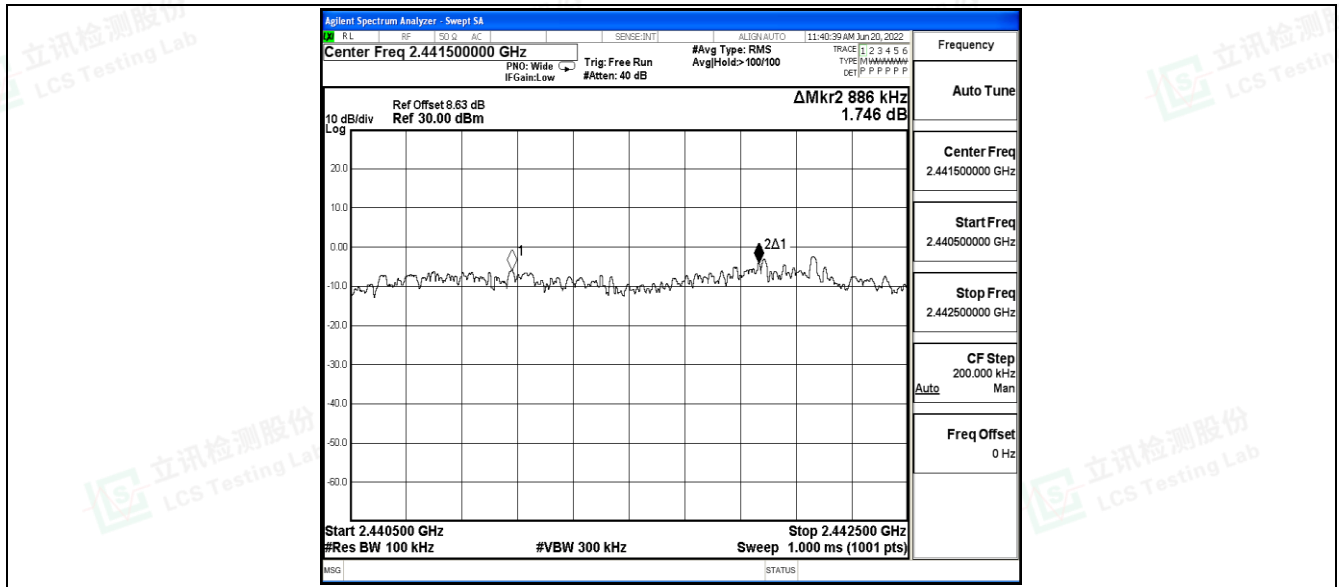


2DH5_Ant_Hop



3DH5_Ant_Hop







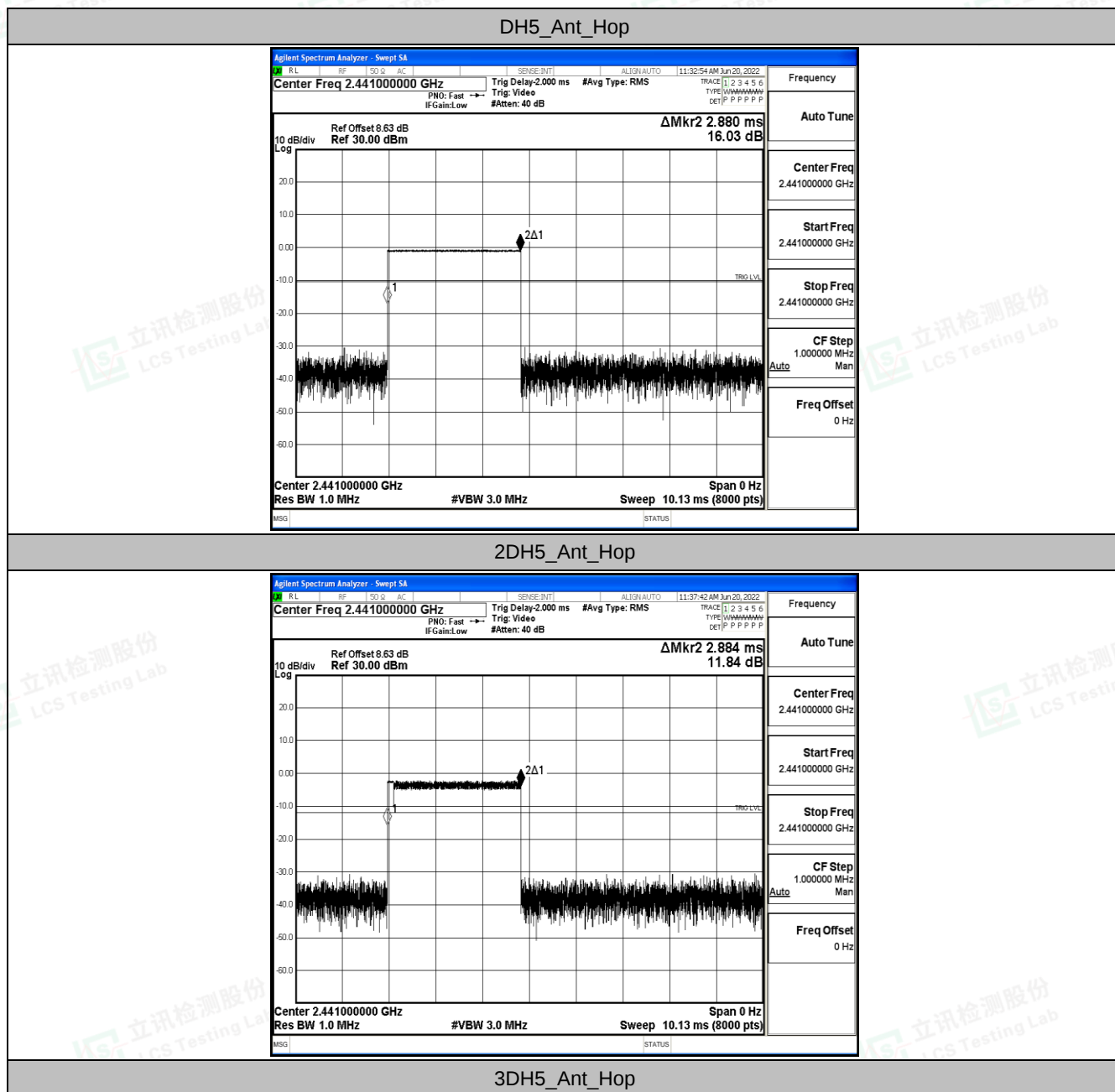
A.4 Time of occupancy

Test Result

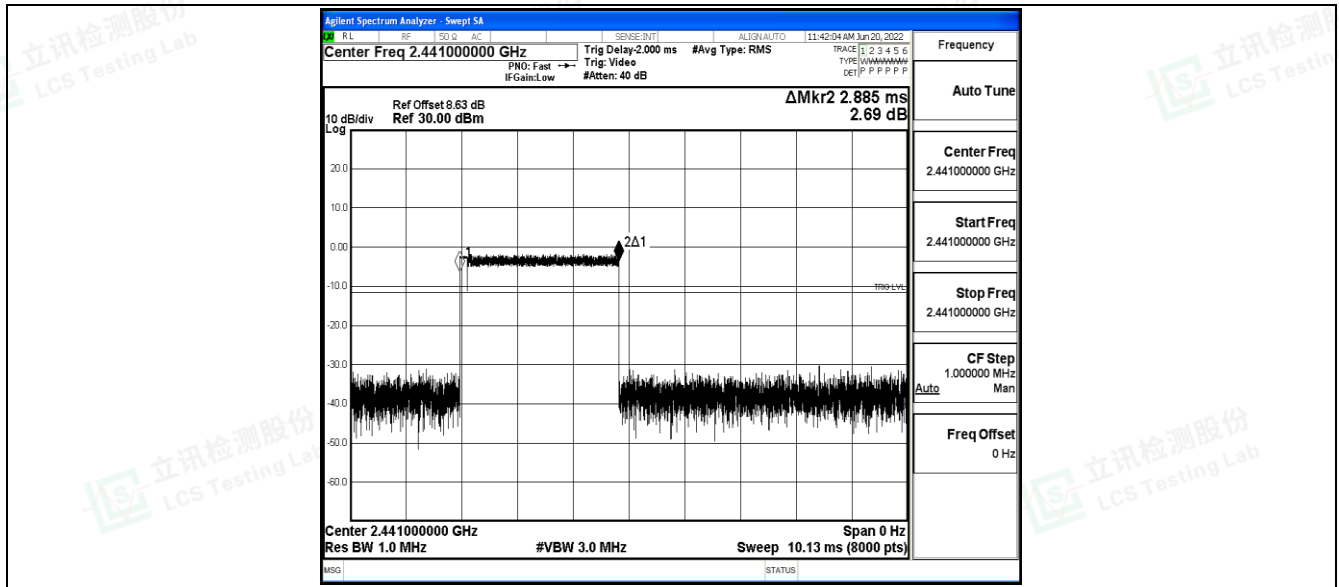
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant	Hop	2.88	106.67	0.307	≤0.4	PASS
3DH5	Ant	Hop	2.89	106.67	0.308	≤0.4	PASS



Test Graphs



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A.5 Number of hopping channels

Test Result

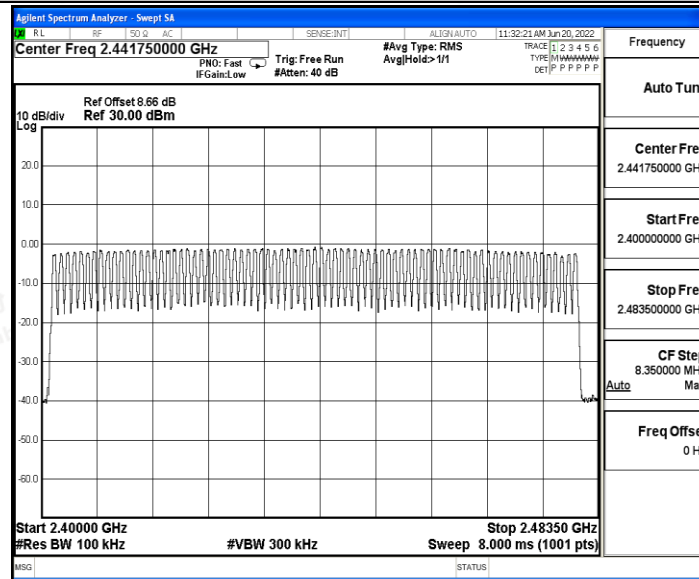
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant	Hop	79	≥15	PASS
2DH5	Ant	Hop	79	≥15	PASS
3DH5	Ant	Hop	79	≥15	PASS



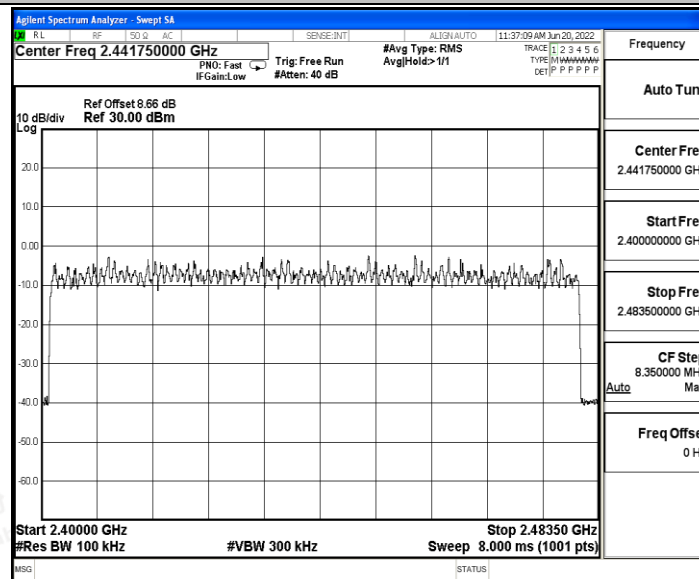


Test Graphs

DH5_Ant_Hop

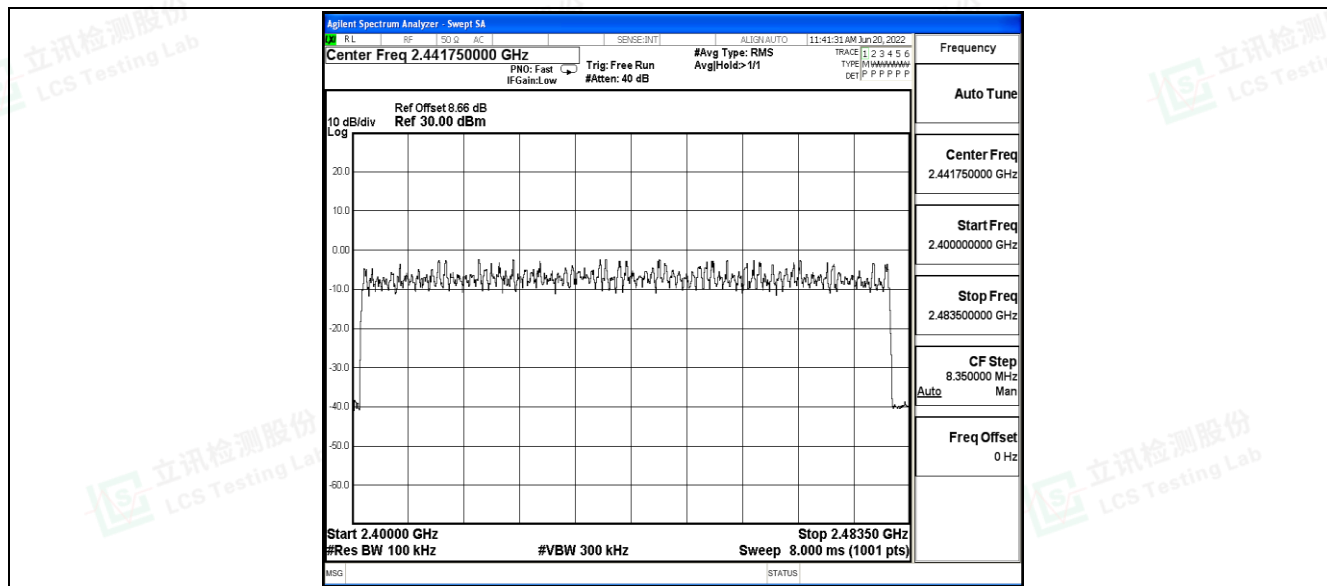


2DH5_Ant_Hop



3DH5_Ant_Hop







A.6 Band edge measurements

Test Result

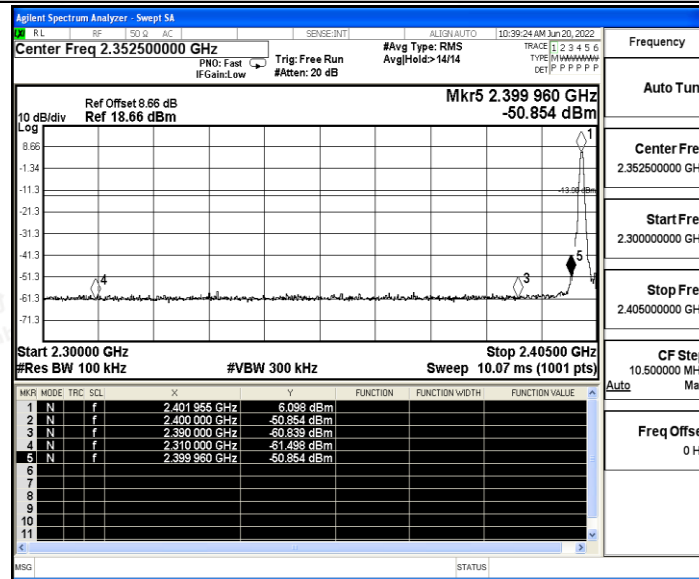
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	Low	2402	6.10	-50.85	≤ -13.9	PASS
		High	2480	6.41	-56.42	≤ -13.59	PASS
		Low	Hop_2402	-2.64	-58.62	≤ -22.64	PASS
		High	Hop_2480	-2.23	-57.06	≤ -22.23	PASS
2DH5	Ant	Low	2402	-3.82	-57.06	≤ -23.82	PASS
		High	2480	-3.74	-58.15	≤ -23.74	PASS
		Low	Hop_2402	-6.83	-58.84	≤ -26.83	PASS
		High	Hop_2480	-4.50	-57.42	≤ -24.5	PASS
3DH5	Ant	Low	2402	-3.69	-58.23	≤ -23.69	PASS
		High	2480	-3.87	-57.18	≤ -23.87	PASS
		Low	Hop_2402	-7.16	-58.94	≤ -27.16	PASS
		High	Hop_2480	-3.55	-57.05	≤ -23.55	PASS



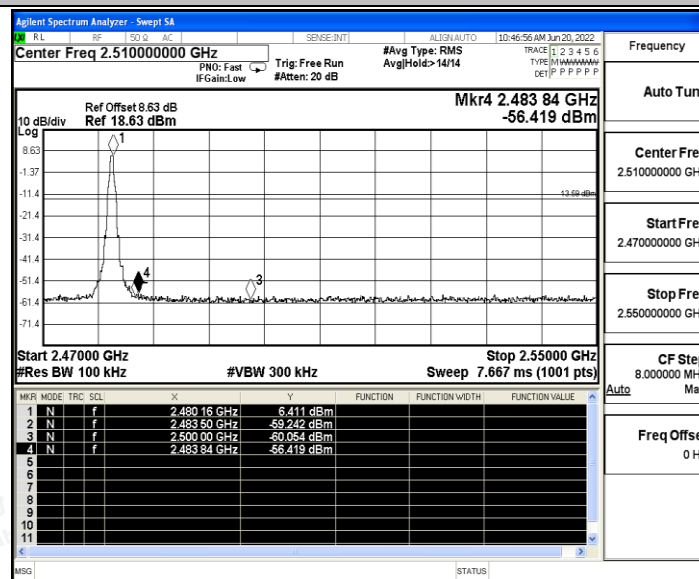


Test Graphs

DH5_Ant_Low_2402

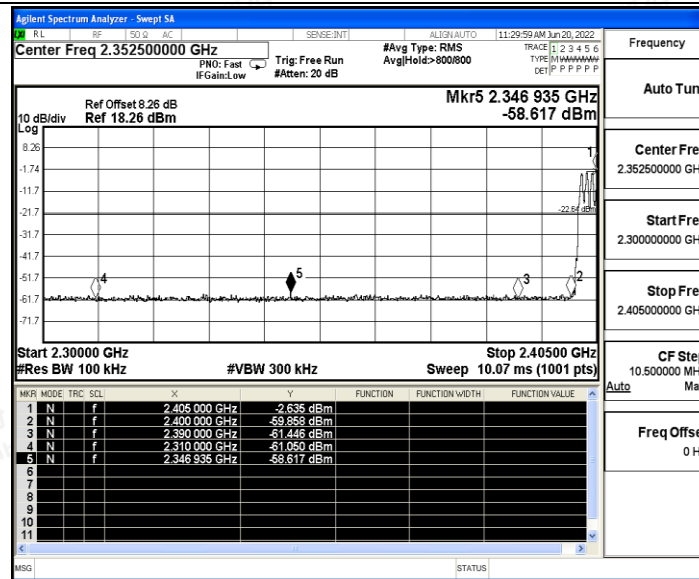


DH5_Ant_High_2480

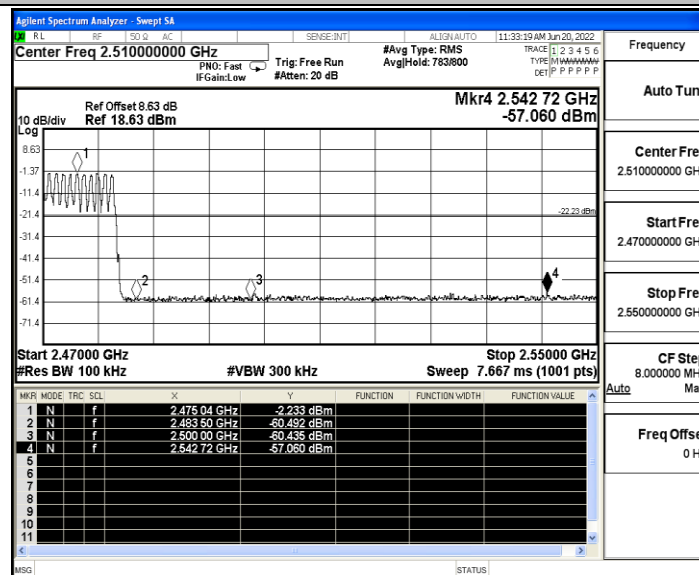


DH5_Ant_Low_Hop_2402





DH5_Ant_High_Hop_2480



2DH5_Ant_Low_2402

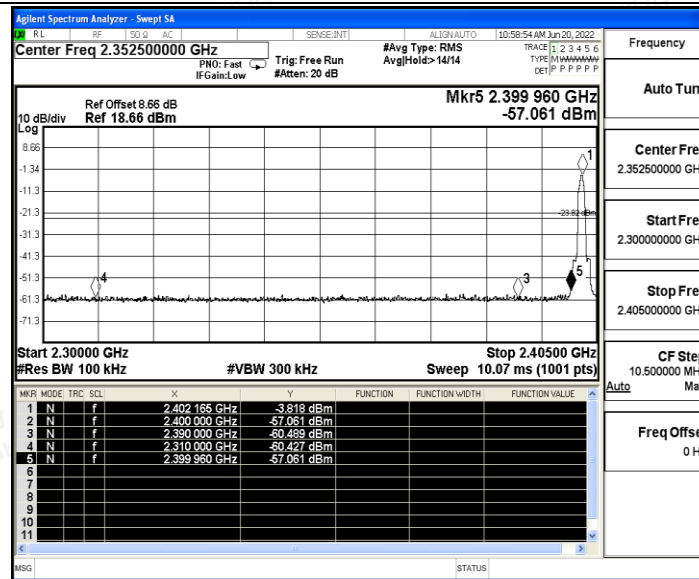


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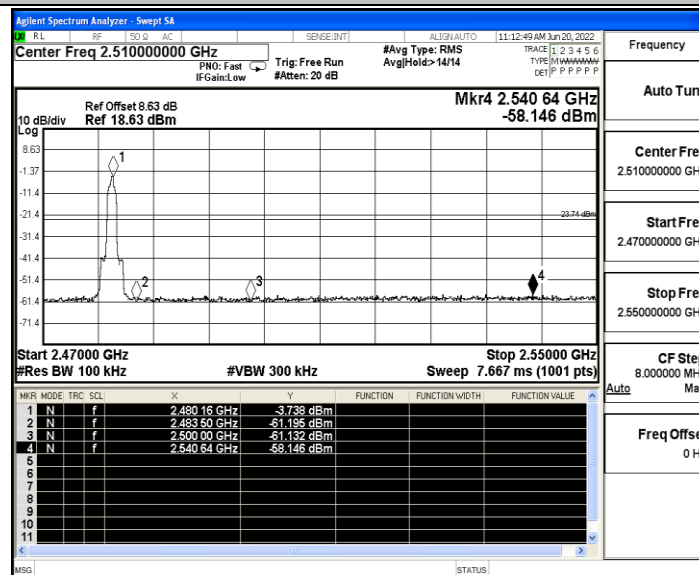
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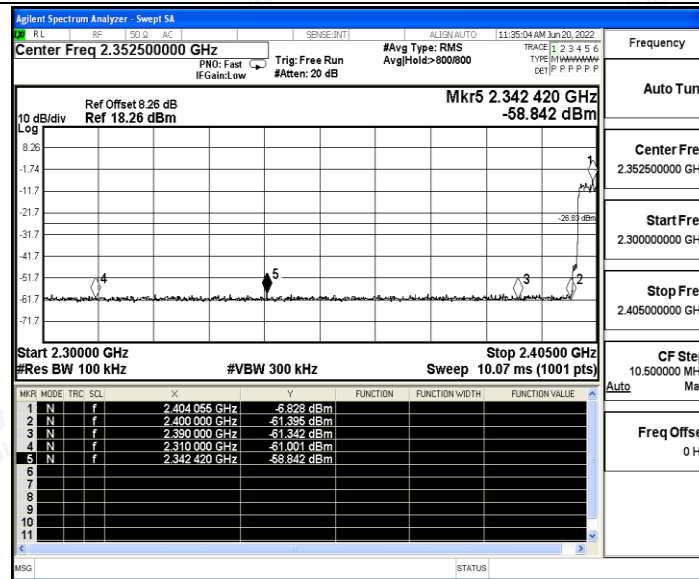


2DH5_Ant_High_2480

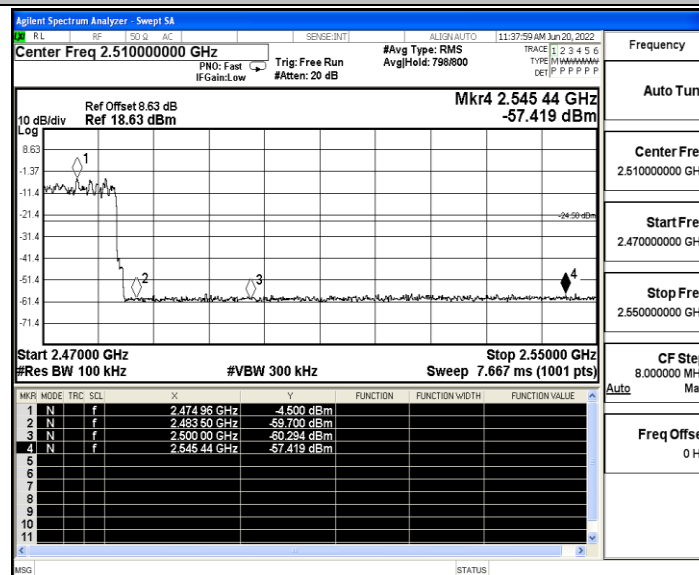


2DH5_Ant_Low_Hop_2402



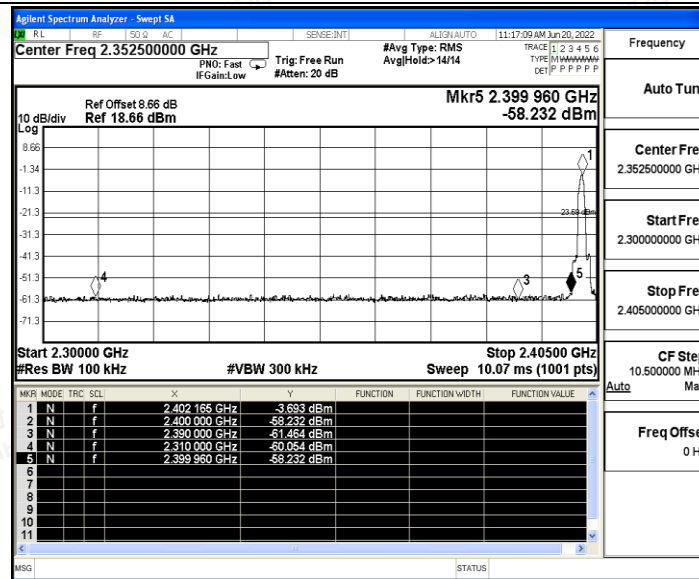


2DH5_Ant_High_Hop_2480

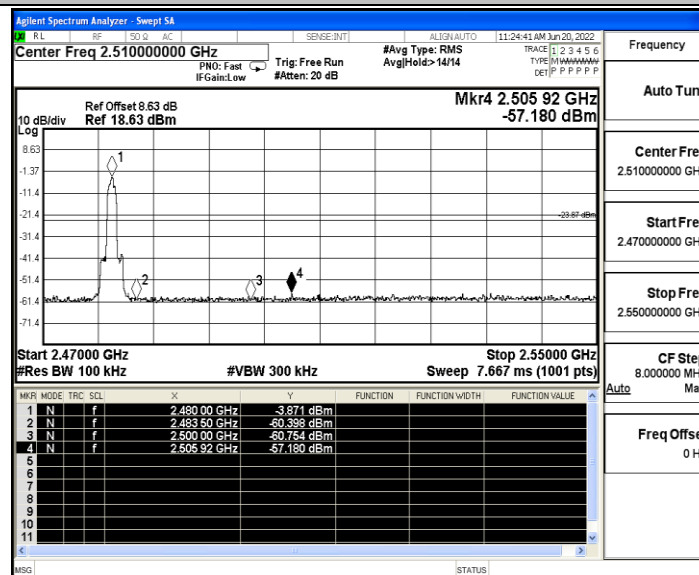


3DH5_Ant_Low_2402





3DH5_Ant_High_2480



3DH5_Ant_Low_Hop_2402

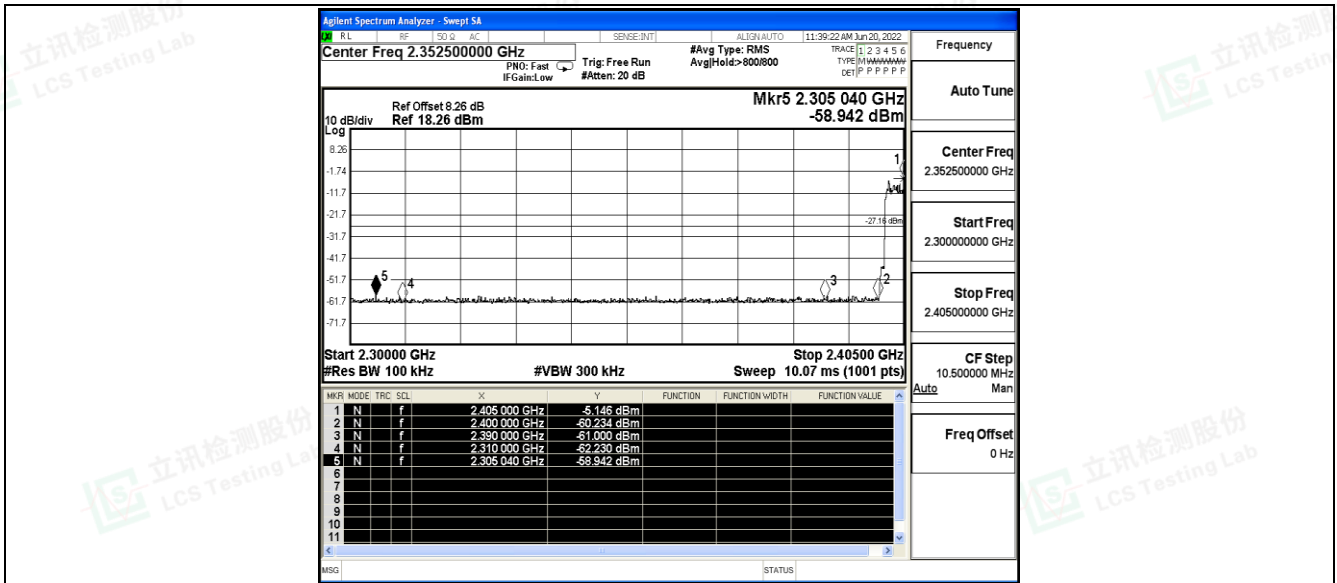


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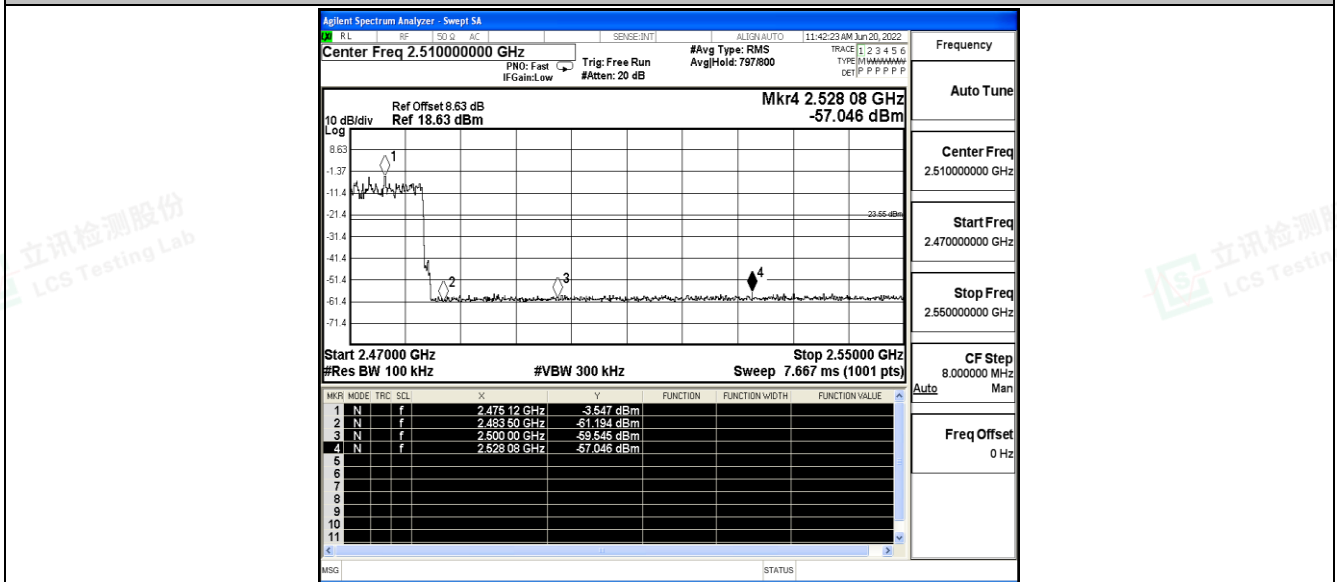
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3DH5_Ant_High_Hop_2480



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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	6.22	6.22	---	PASS
			30~1000	6.22	-59.54	≤ -13.78	PASS
			1000~26500	6.22	-46.05	≤ -13.78	PASS
		2441	Reference	7.54	7.54	---	PASS
			30~1000	7.54	-58.66	≤ -12.46	PASS
			1000~26500	7.54	-46.32	≤ -12.46	PASS
		2480	Reference	-2.37	-2.37	---	PASS
			30~1000	-2.37	-57.98	≤ -22.37	PASS
			1000~26500	-2.37	-45.95	≤ -22.37	PASS
2DH5	Ant	2402	Reference	-3.89	-3.89	---	PASS
			30~1000	-3.89	-60.07	≤ -23.89	PASS
			1000~26500	-3.89	-45.25	≤ -23.89	PASS
		2441	Reference	-2.67	-2.67	---	PASS
			30~1000	-2.67	-59.25	≤ -22.67	PASS
			1000~26500	-2.67	-46.45	≤ -22.67	PASS
		2480	Reference	-3.67	-3.67	---	PASS
			30~1000	-3.67	-59.92	≤ -23.67	PASS
			1000~26500	-3.67	-46.32	≤ -23.67	PASS
3DH5	Ant	2402	Reference	-3.78	-3.78	---	PASS
			30~1000	-3.78	-60.25	≤ -23.78	PASS
			1000~26500	-3.78	-46.23	≤ -23.78	PASS
		2441	Reference	-2.55	-2.55	---	PASS
			30~1000	-2.55	-59.41	≤ -22.55	PASS
			1000~26500	-2.55	-45.87	≤ -22.55	PASS
		2480	Reference	-3.67	-3.67	---	PASS
			30~1000	-3.67	-60.62	≤ -23.67	PASS
			1000~26500	-3.67	-45.7	≤ -23.67	PASS



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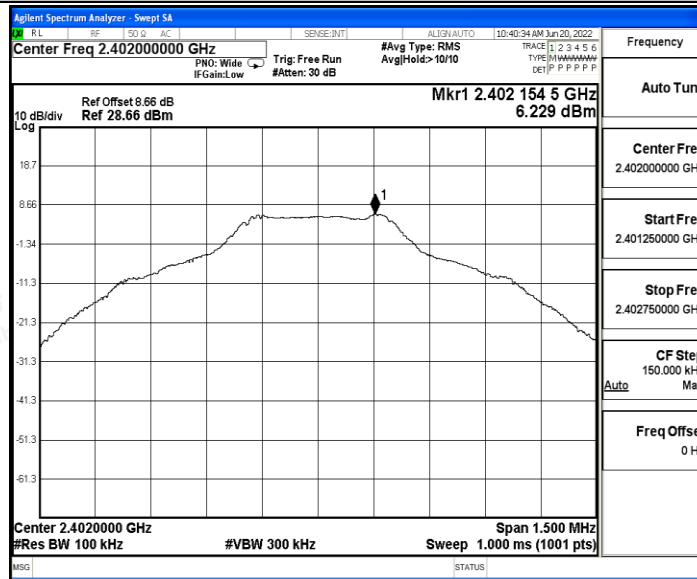
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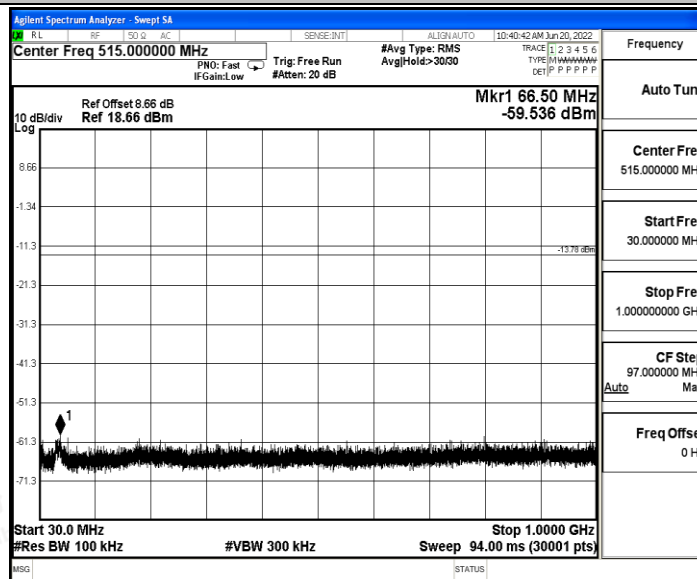


Test Graphs

DH5_Ant_2402_0~Reference

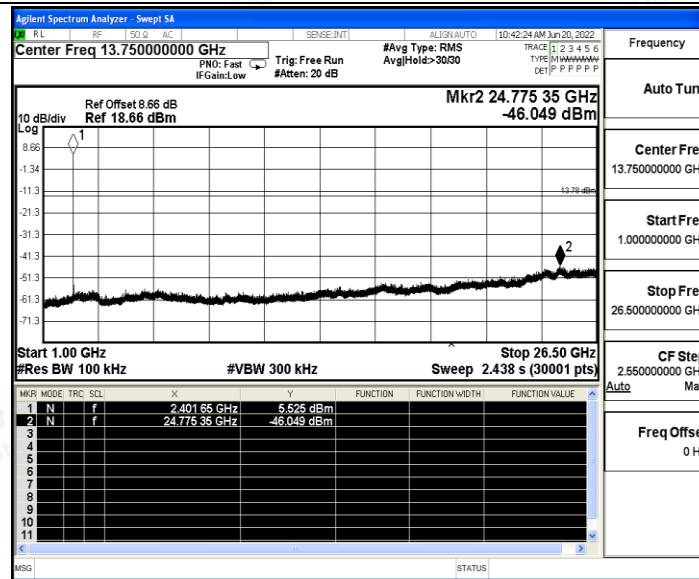


DH5_Ant_2402_30~1000

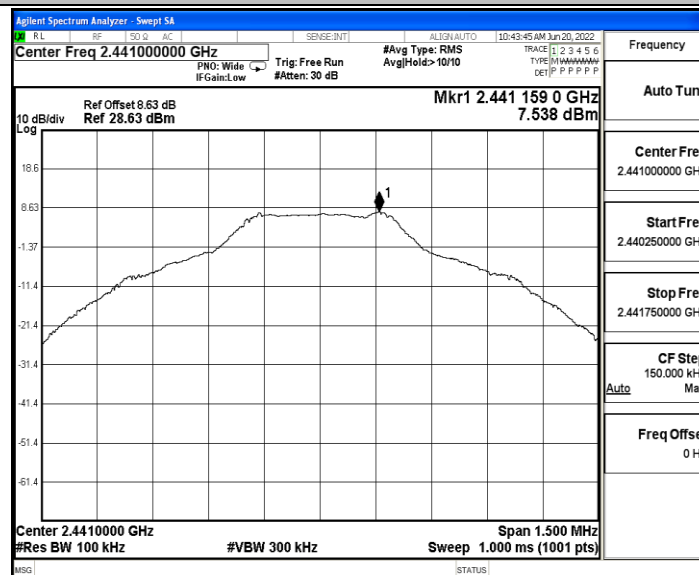


DH5_Ant_2402_1000~26500





DH5_Ant_2441_0~Reference



DH5_Ant_2441_30~1000

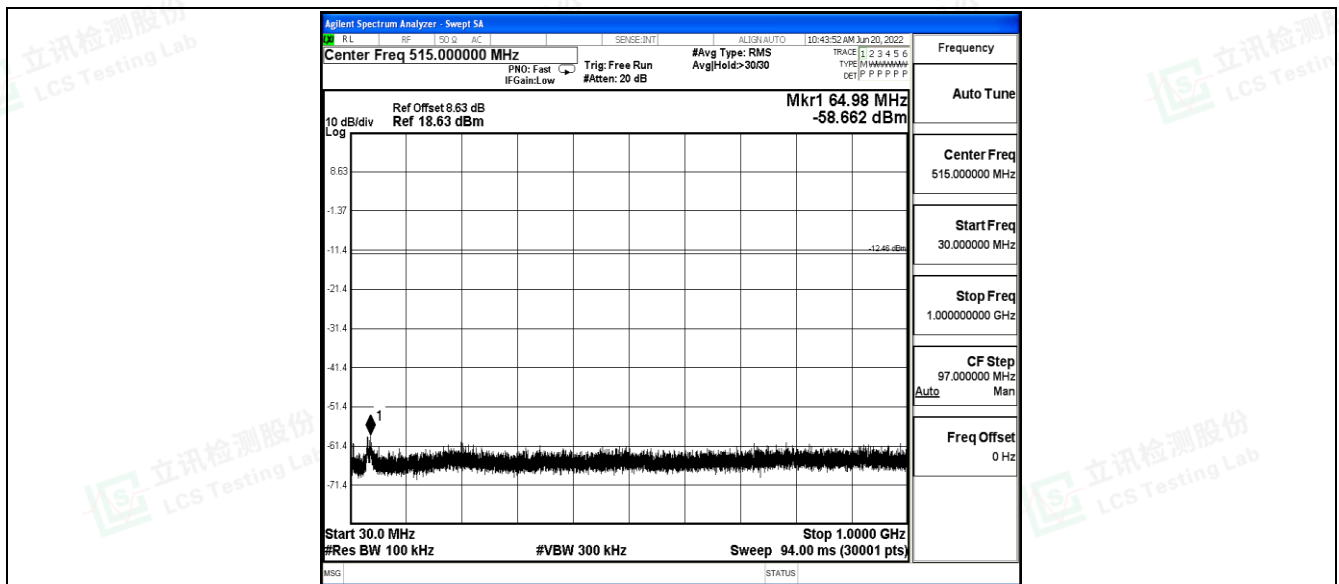


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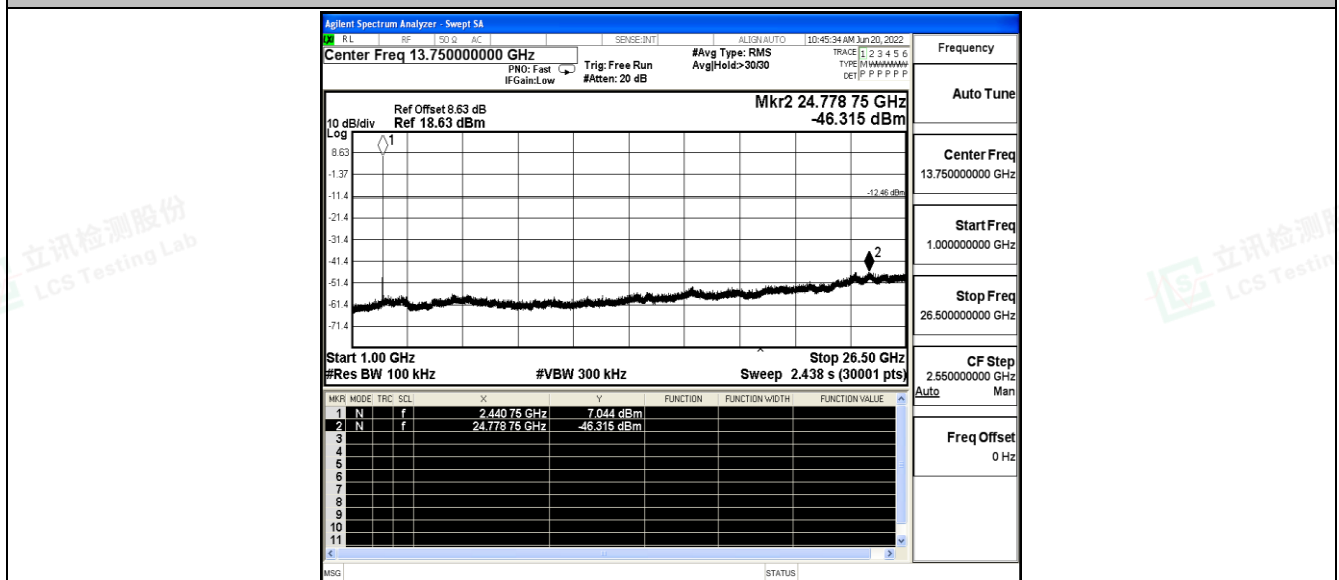
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DH5_Ant_2441_1000~26500



DH5_Ant_2480_0~Reference

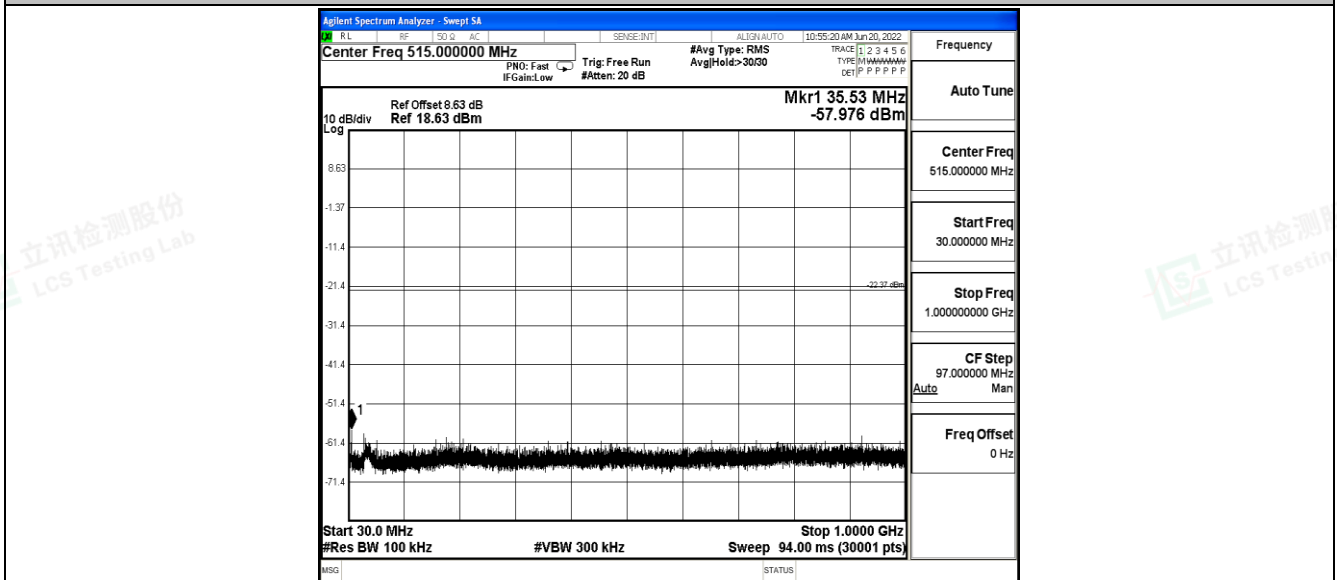
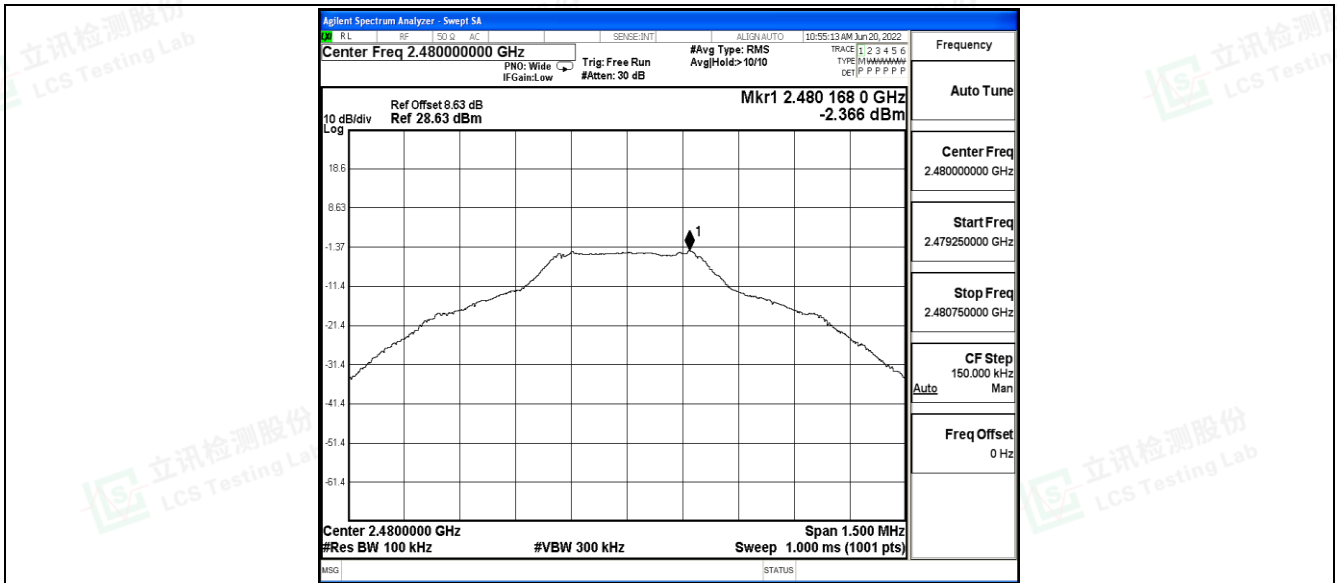


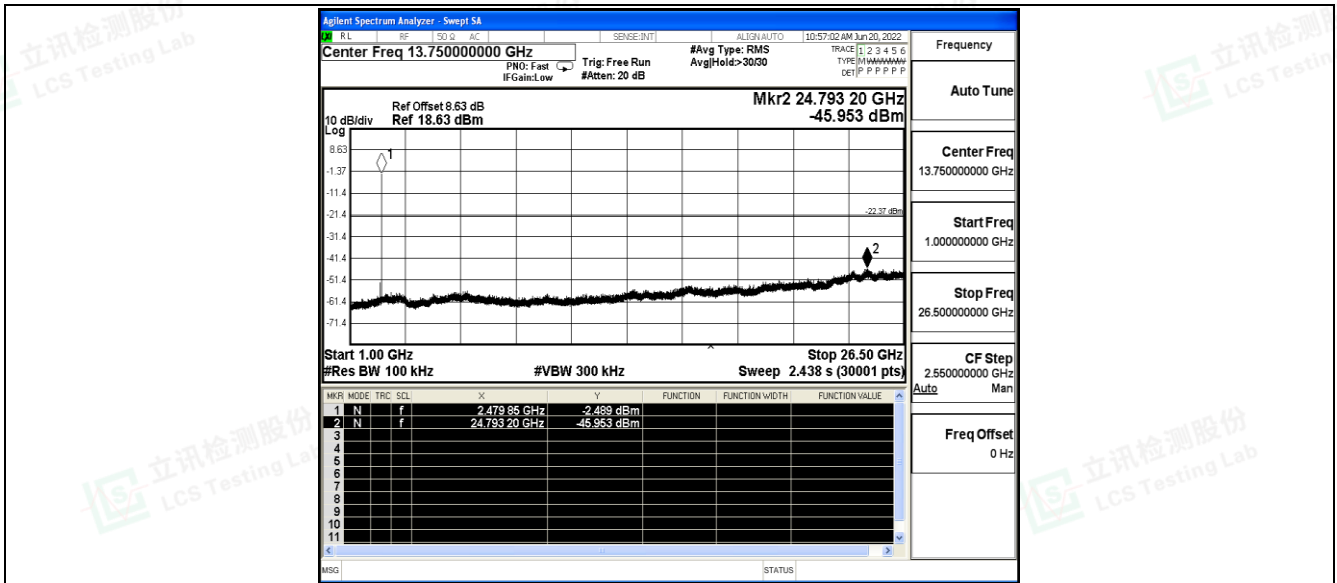
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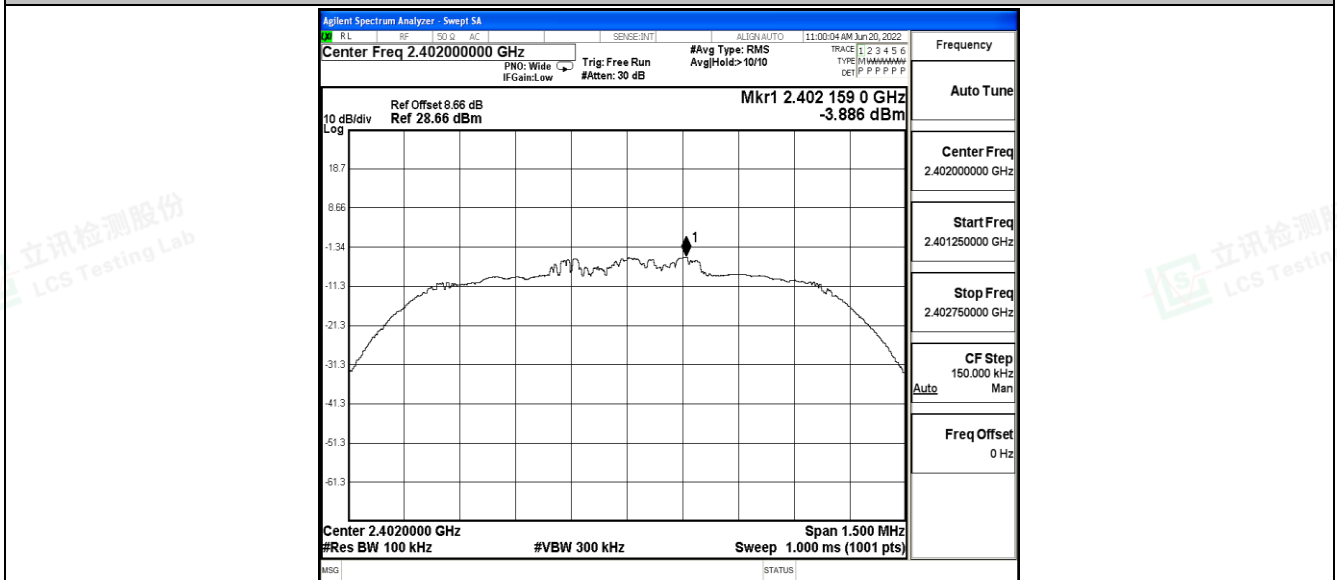
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2DH5_Ant_2402_0-Reference



2DH5_Ant_2402_30~1000

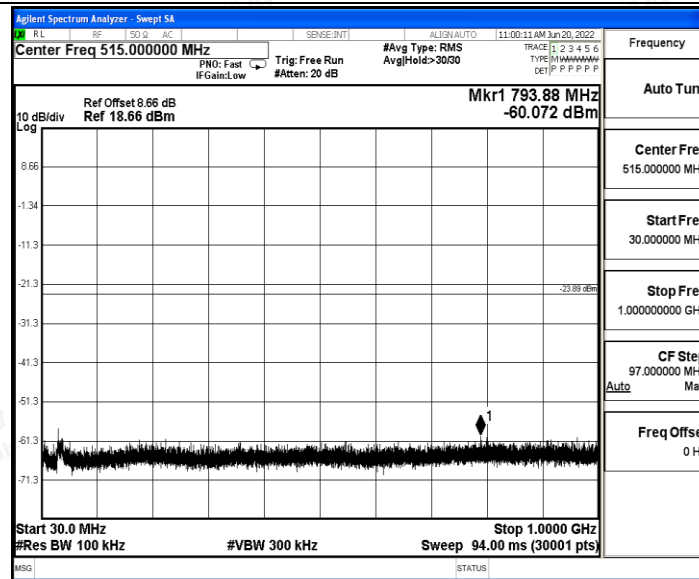


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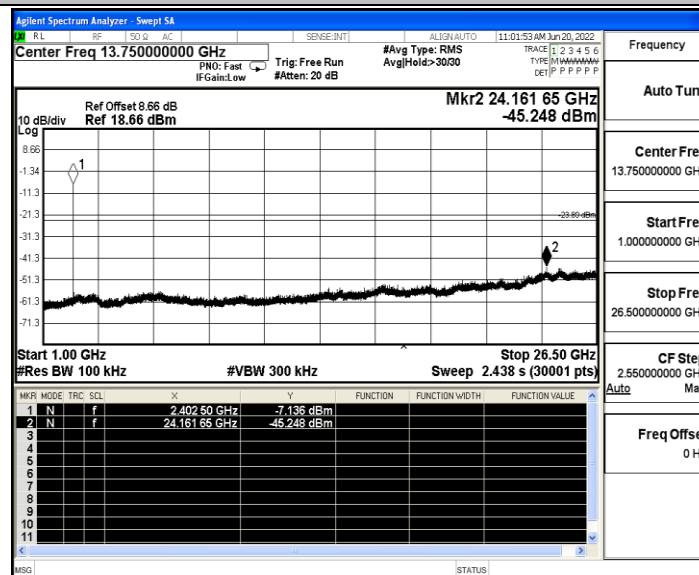
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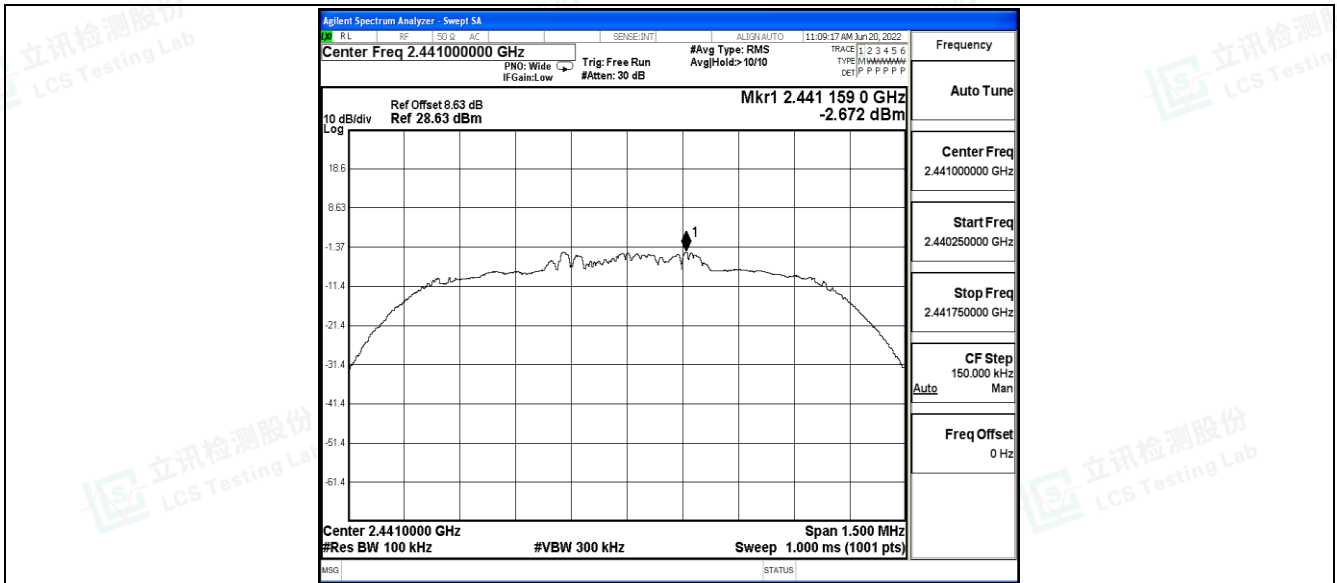


2DH5_Ant_2402_1000~26500

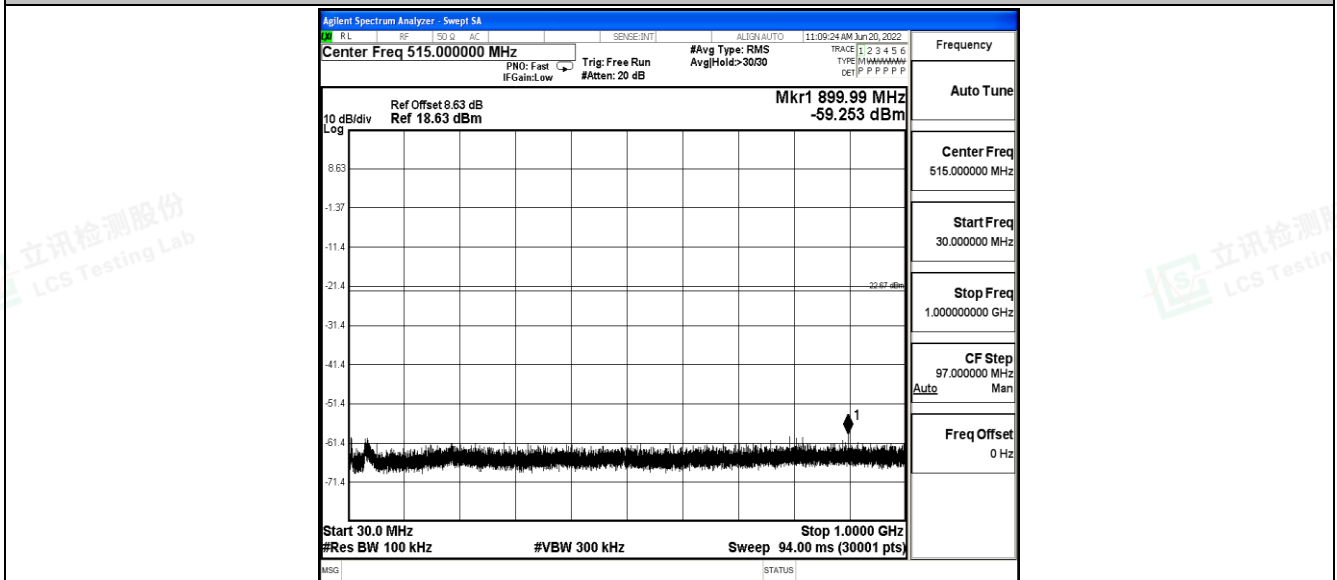


2DH5_Ant_2441_0~Reference



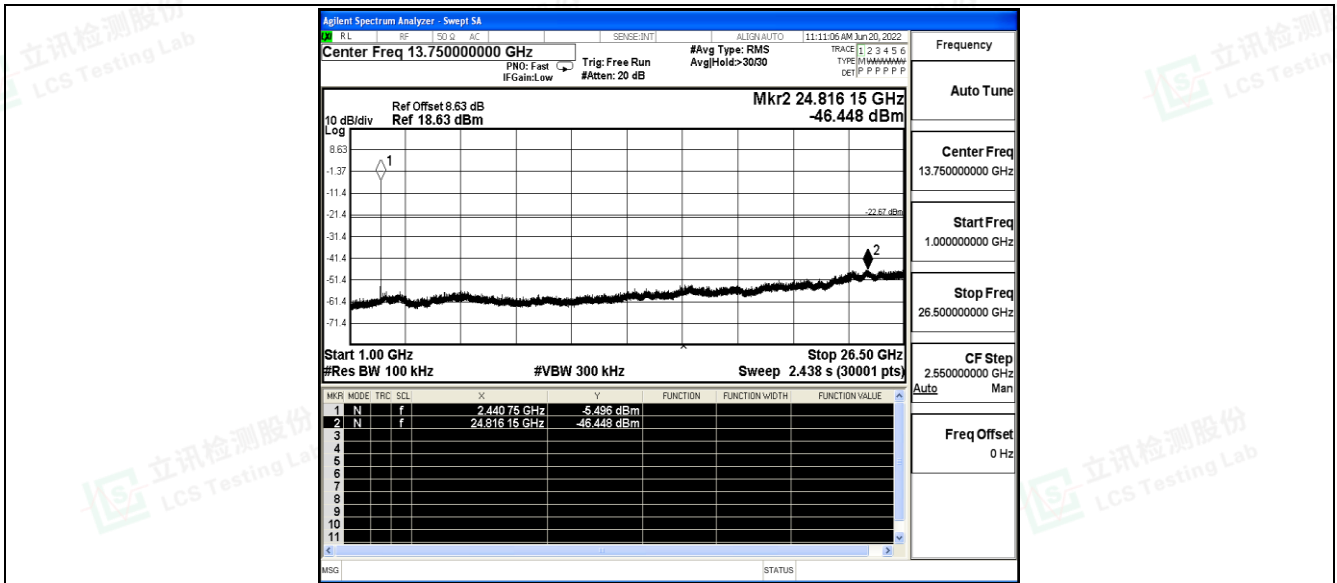


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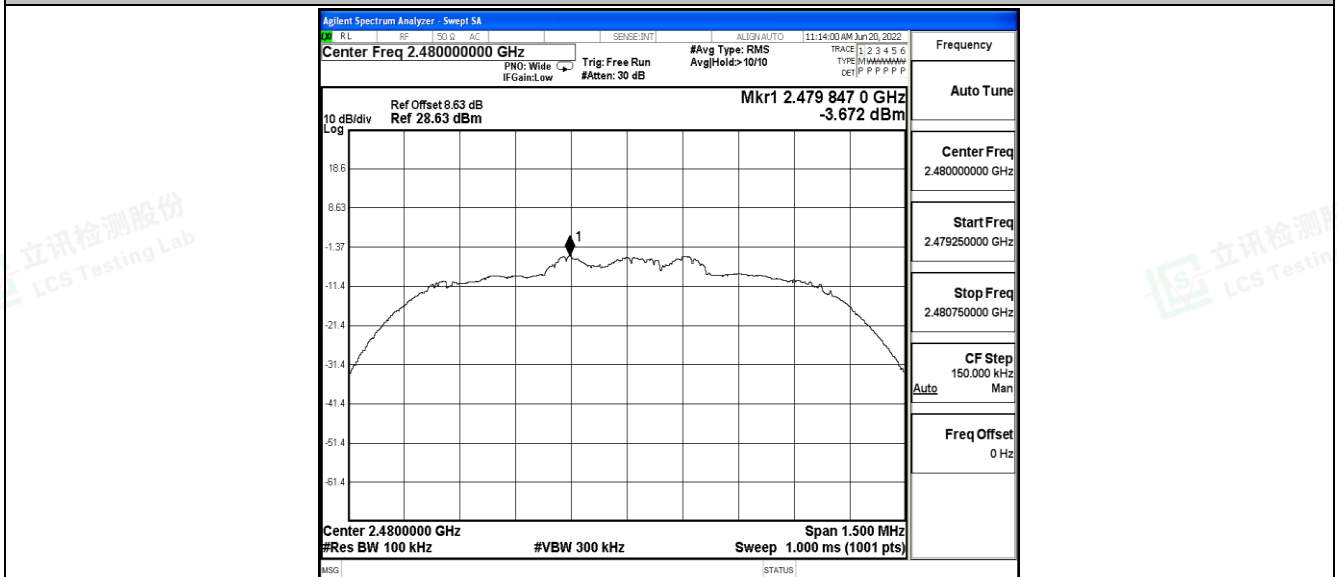


2DH5_Ant_2441_1000~26500





2DH5_Ant_2480_0-Reference



2DH5_Ant_2480_30~1000

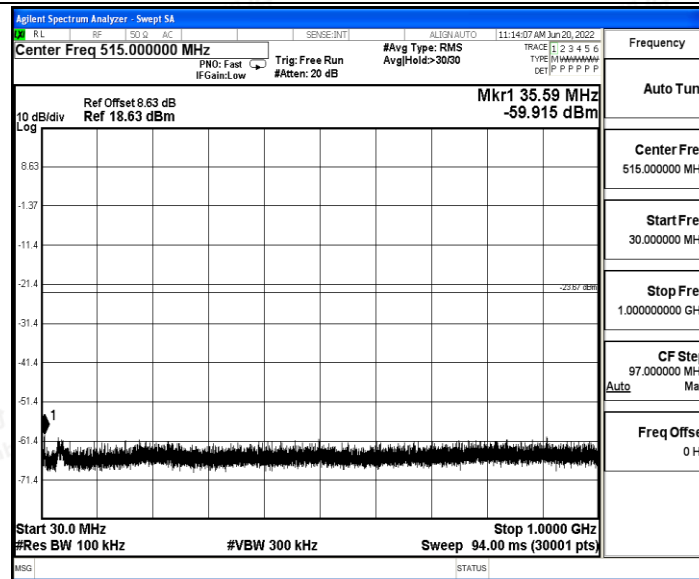


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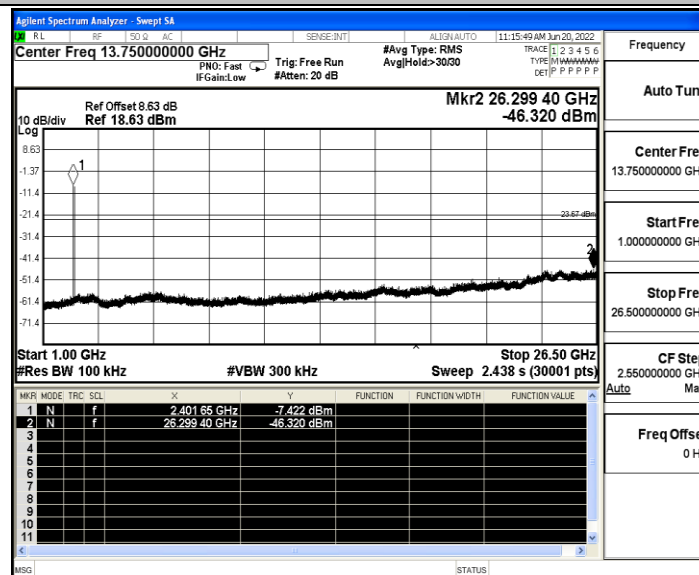
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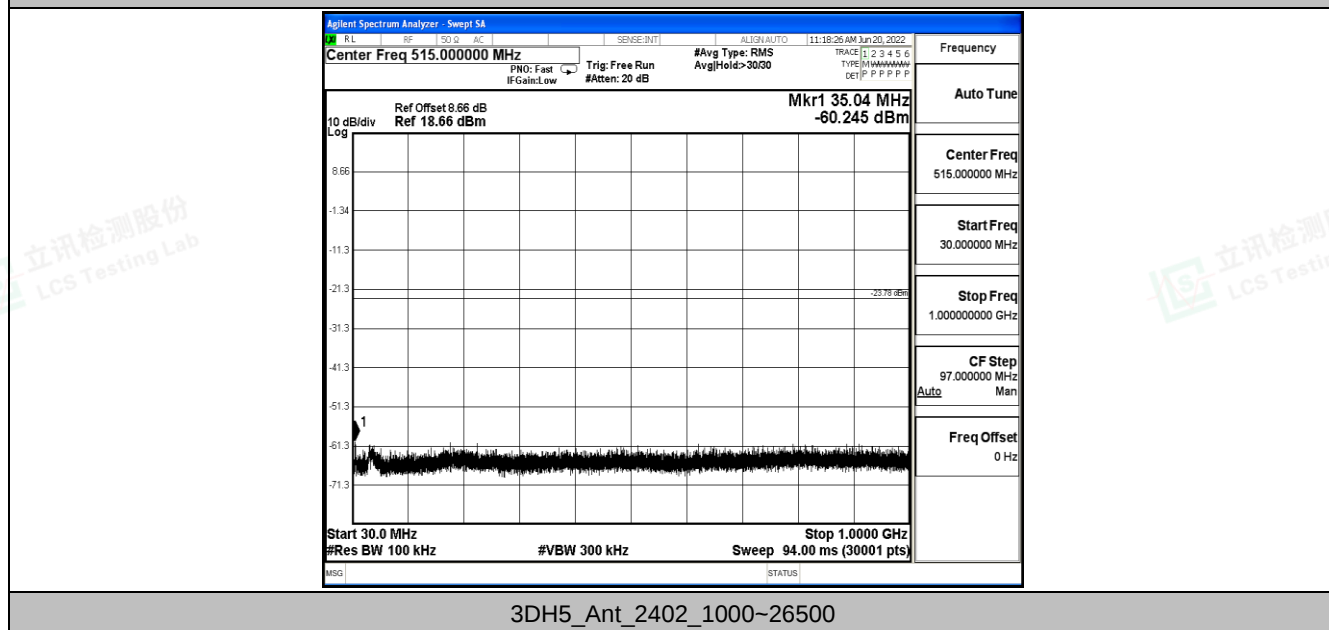
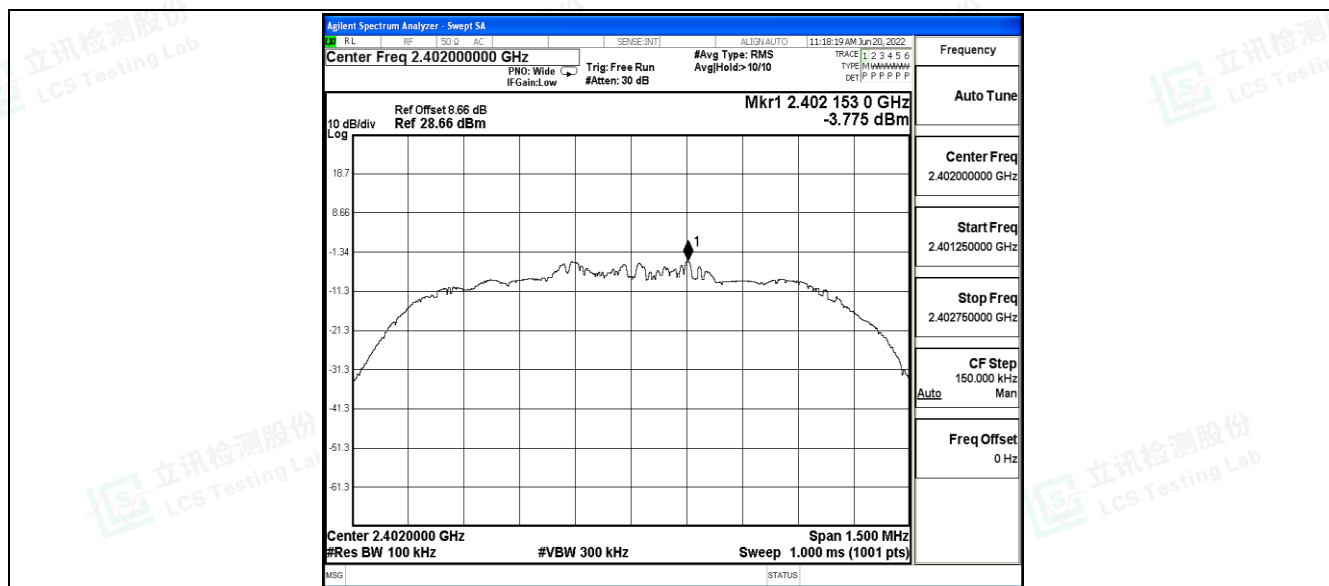


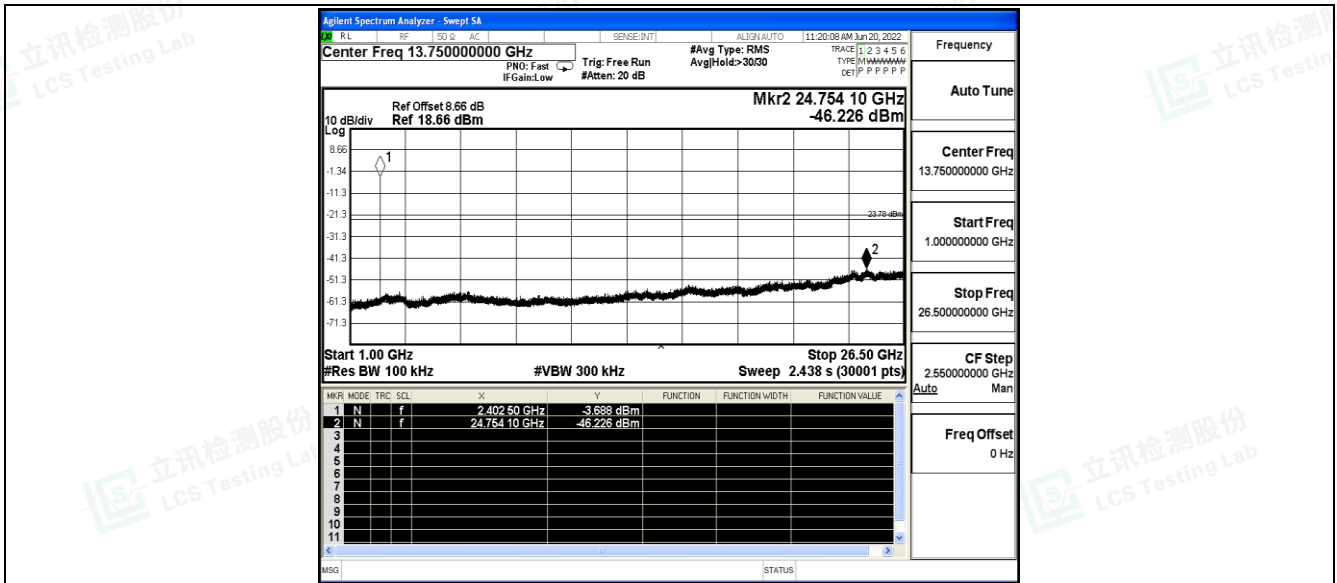
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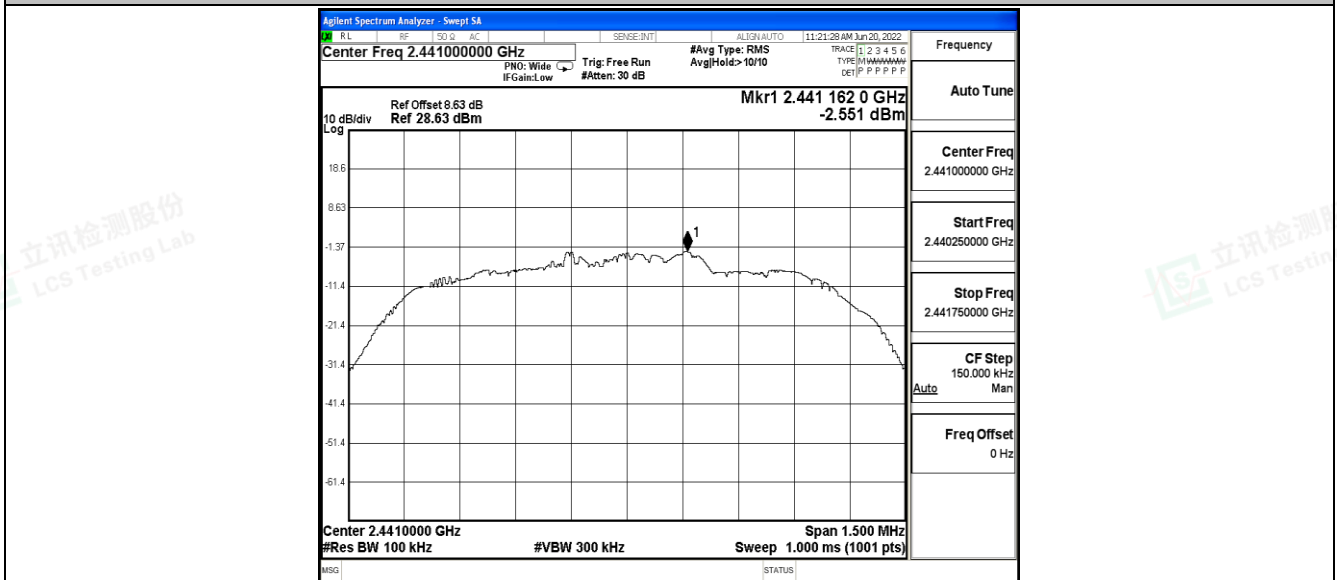
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3DH5_Ant_2441_0-Reference



3DH5_Ant_2441_30~1000

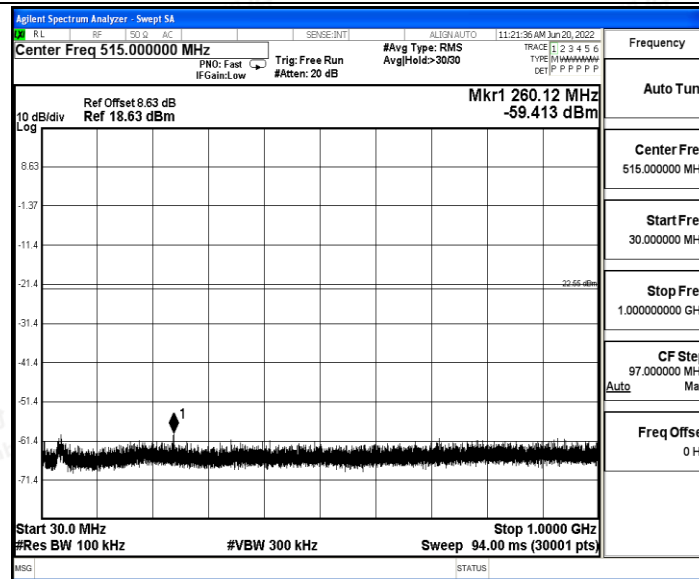


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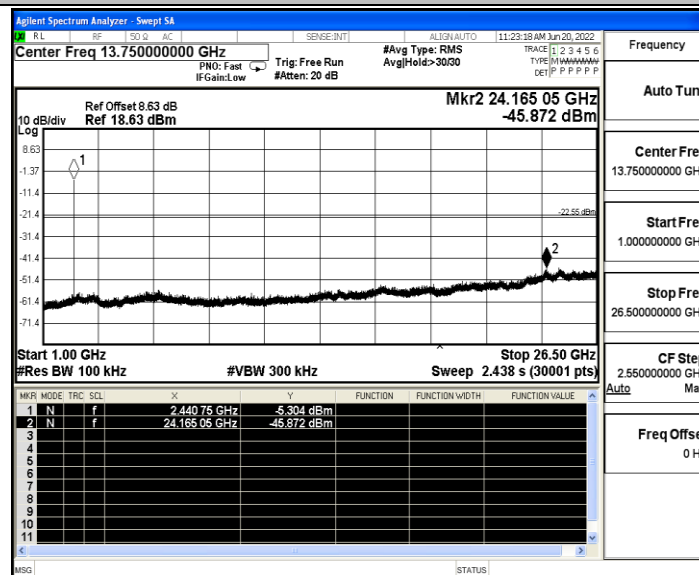
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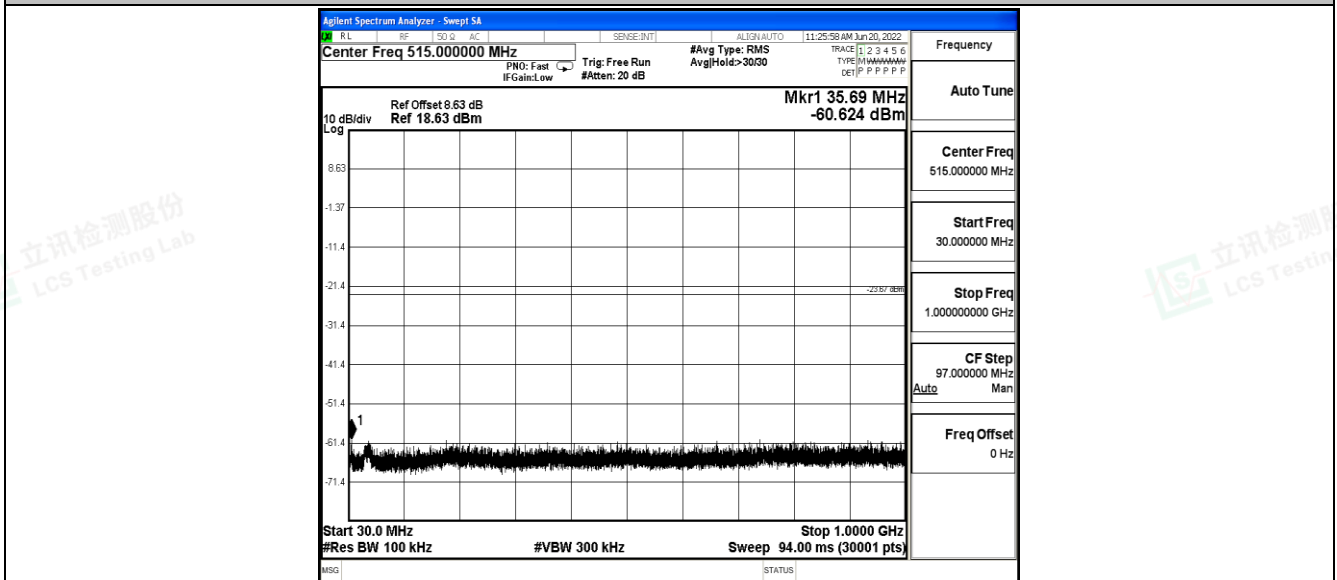
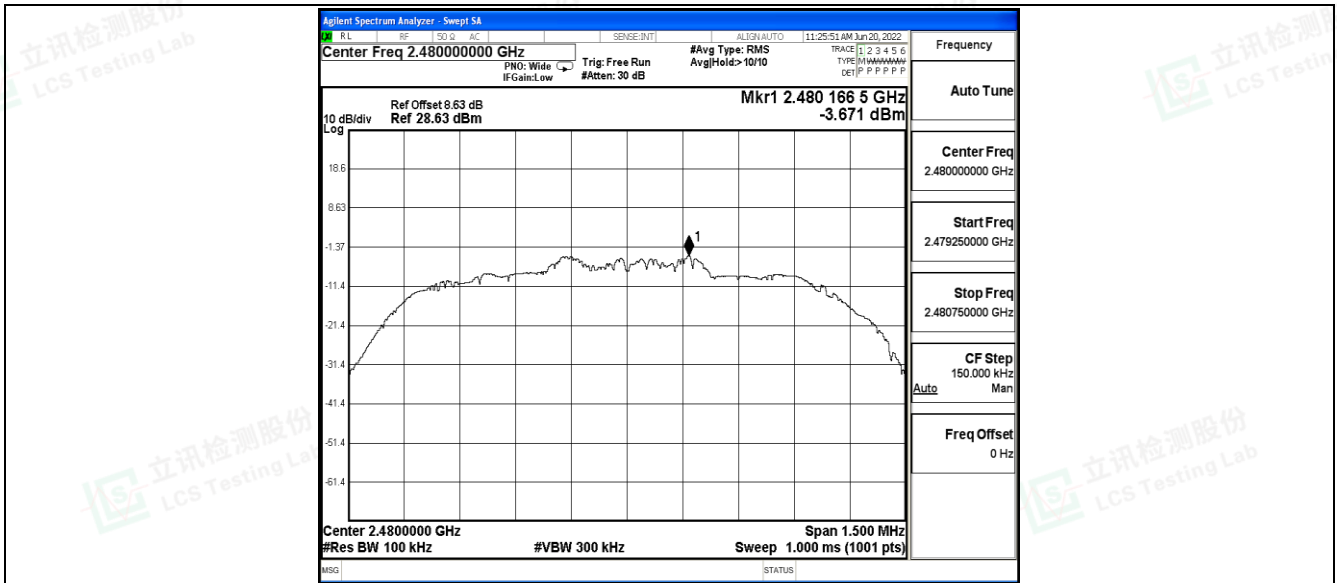


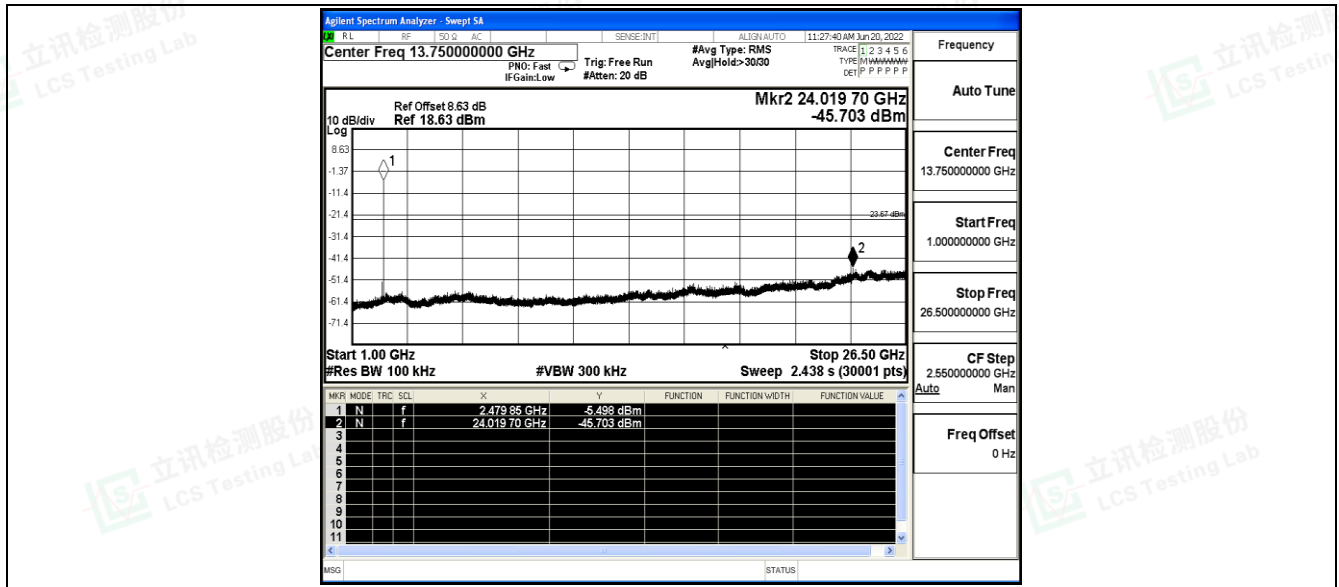
3DH5_Ant_2441_1000~26500



3DH5_Ant_2480_0-Reference









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	-57.93	≤-41.20	37.27	≤54	PASS
				AV	2389.880	-57.38	≤-41.20	37.82	≤54	PASS
				AV	2390.000	-57.43	≤-41.20	37.77	≤54	PASS
				Peak	2310.000	-48.68	≤-21.20	46.52	≤74	PASS
				Peak	2385.680	-46.04	≤-21.20	49.16	≤74	PASS
				Peak	2390.000	-47.21	≤-21.20	47.99	≤74	PASS
		High	2480	Peak	2483.500	-46.31	≤-21.20	48.89	≤74	PASS
				Peak	2483.760	-44.32	≤-21.20	50.88	≤74	PASS
				Peak	2500.000	-47.57	≤-21.20	47.63	≤74	PASS
2DH5	Ant	Low	2402	AV	2310.000	-57.98	≤-41.20	37.22	≤54	PASS
				AV	2384.945	-57.45	≤-41.20	37.75	≤54	PASS
				AV	2390.000	-57.58	≤-41.20	37.62	≤54	PASS
				Peak	2310.000	-48.12	≤-21.20	47.08	≤74	PASS
				Peak	2380.115	-45.43	≤-21.20	49.77	≤74	PASS
				Peak	2390.000	-48.14	≤-21.20	47.06	≤74	PASS
		High	2480	AV	2483.500	-55.92	≤-41.20	39.28	≤54	PASS
				AV	2483.520	-55.92	≤-41.20	39.28	≤54	PASS
				AV	2500.000	-57.01	≤-41.20	38.19	≤54	PASS
				Peak	2483.500	-46.98	≤-21.20	48.22	≤74	PASS
				Peak	2494.880	-45.68	≤-21.20	49.52	≤74	PASS
				Peak	2500.000	-47.84	≤-21.20	47.36	≤74	PASS
3DH5	Ant	Low	2402	AV	2310.000	-57.81	≤-41.20	37.39	≤54	PASS
				AV	2389.985	-57.27	≤-41.20	37.93	≤54	PASS
				AV	2390.000	-57.27	≤-41.20	37.93	≤54	PASS
				Peak	2310.000	-48.77	≤-21.20	46.43	≤74	PASS
				Peak	2380.535	-46	≤-21.20	49.20	≤74	PASS
				Peak	2390.000	-47.71	≤-21.20	47.49	≤74	PASS
		High	2480	AV	2483.500	-55.23	≤-41.20	39.97	≤54	PASS
				AV	2483.520	-55.23	≤-41.20	39.97	≤54	PASS
				AV	2500.000	-56.88	≤-41.20	38.32	≤54	PASS
				Peak	2483.500	-43.8	≤-21.20	51.40	≤74	PASS
				Peak	2483.600	-41.82	≤-21.20	53.38	≤74	PASS
				Peak	2500.000	-47.88	≤-21.20	47.32	≤74	PASS

Note:



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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.



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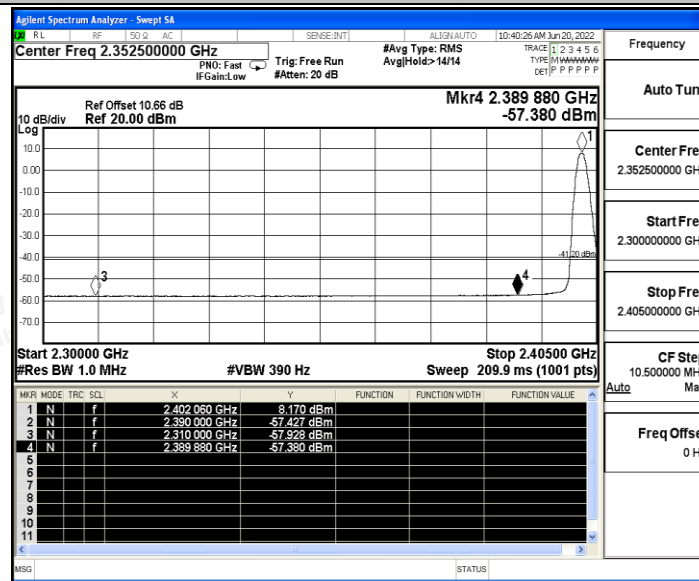
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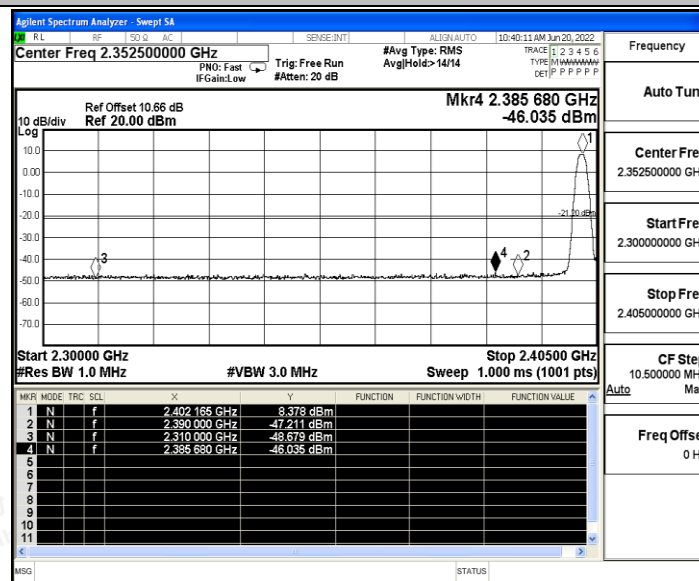


Test Graphs

DH5_Ant_Low_2402_AV

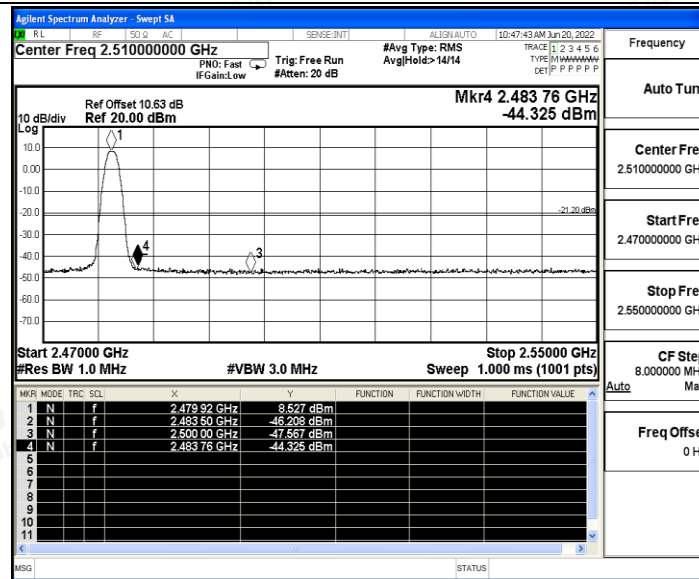


DH5_Ant_Low_2402_Peak

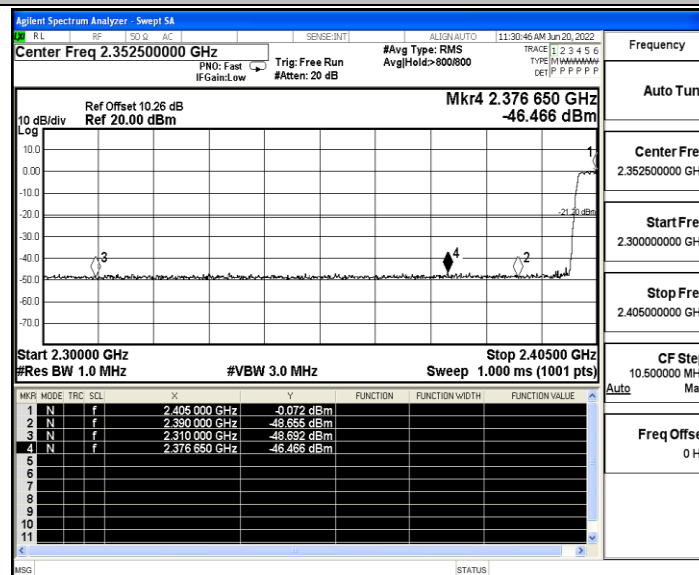


DH5_Ant_High_2480_Peak





DH5_Ant_Low_Hop_2402_Peak



2DH5_Ant_Low_2402_Peak

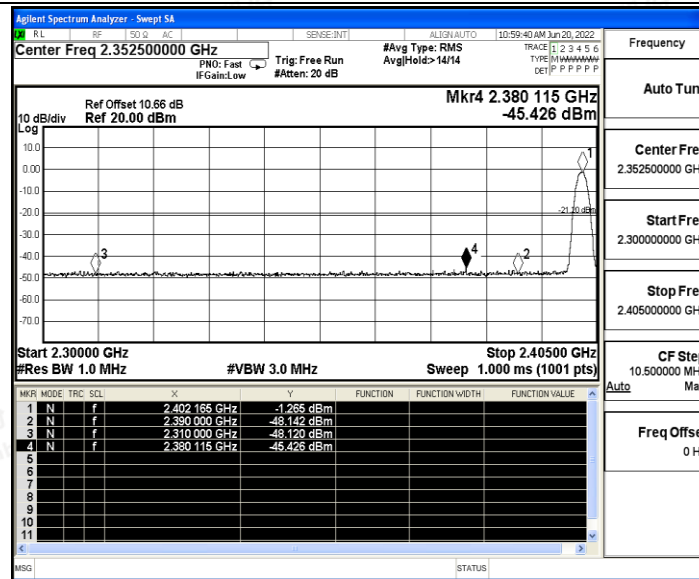


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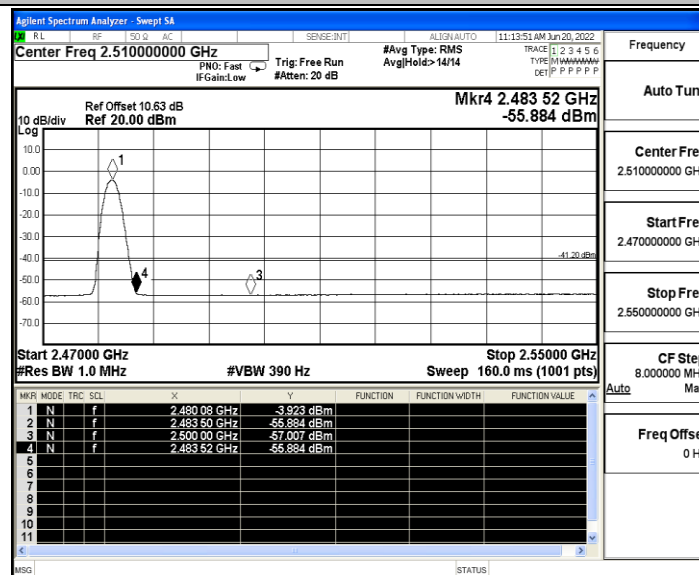
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2DH5_Ant_High_2480_AV



2DH5_Ant_High_2480_Peak

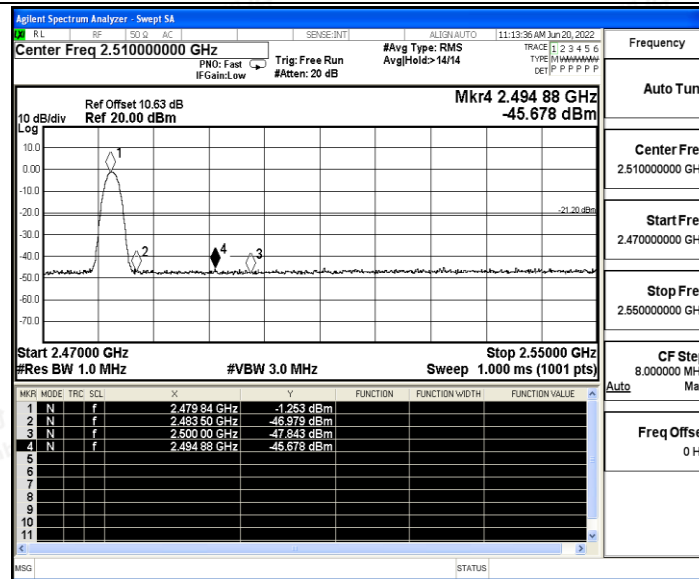


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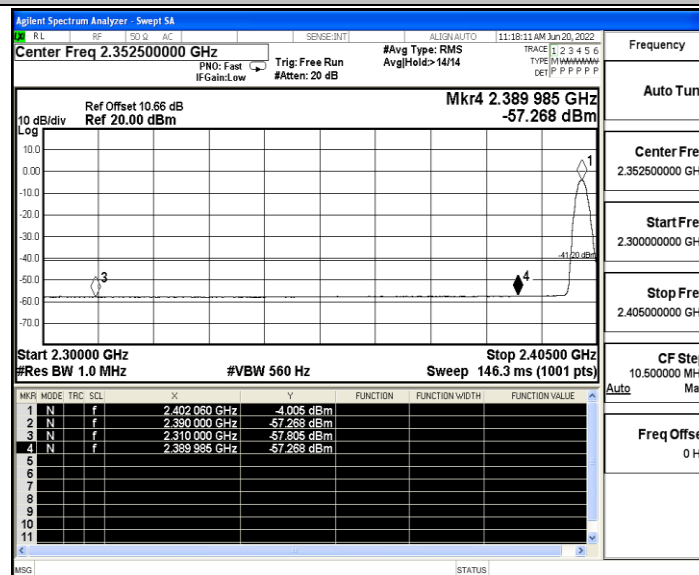
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3DH5_Ant_Low_2402_AV



3DH5_Ant_Low_2402_Peak

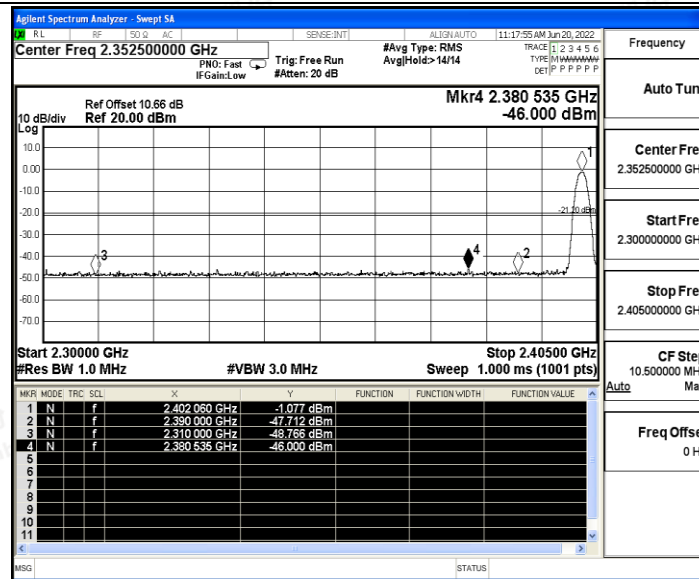


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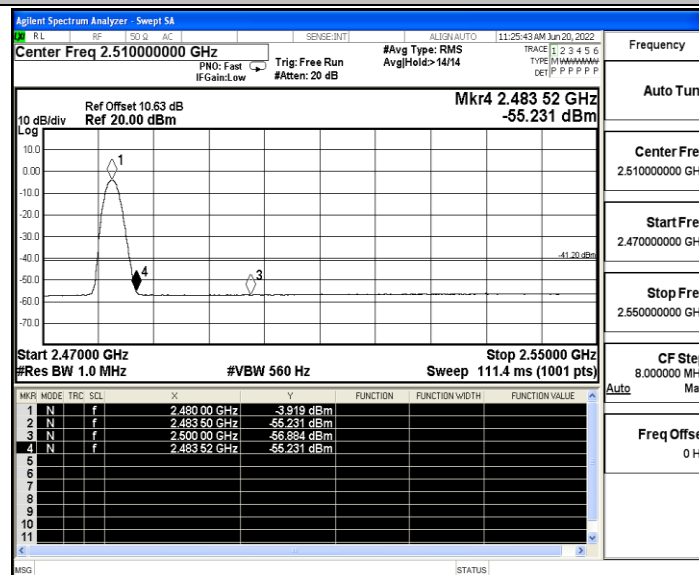
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3DH5_Ant_High_2480_AV



3DH5_Ant_High_2480_Peak

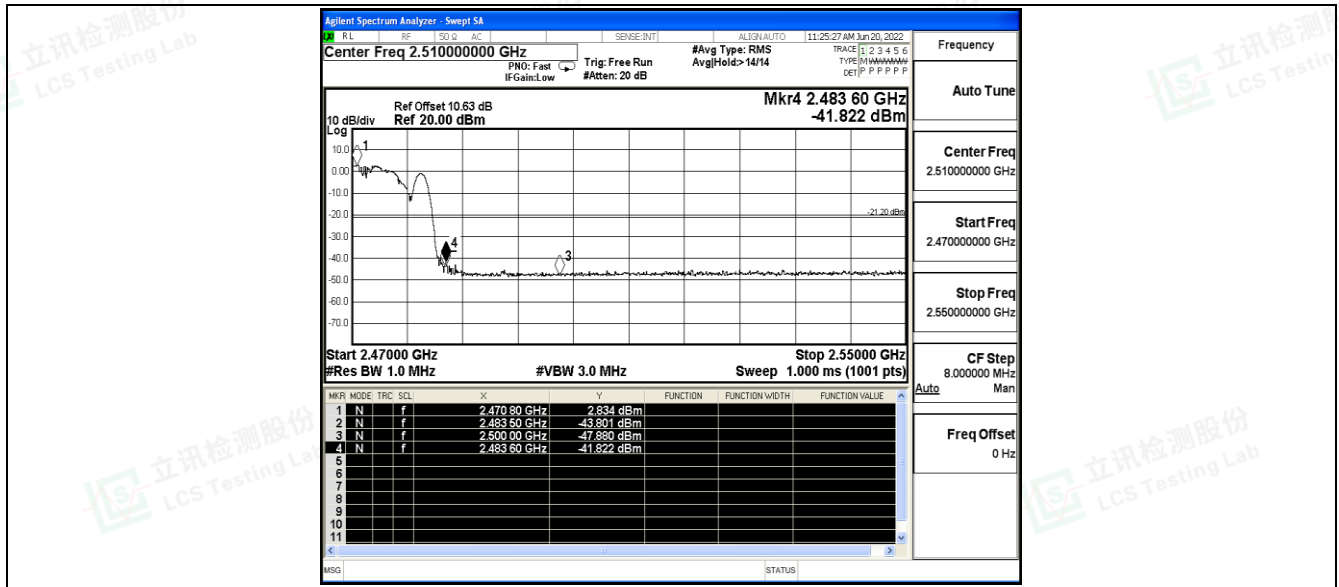


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