



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet PC

Test Model: T10

Environmental Conditions

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





A.1 20dB Emission Bandwidth

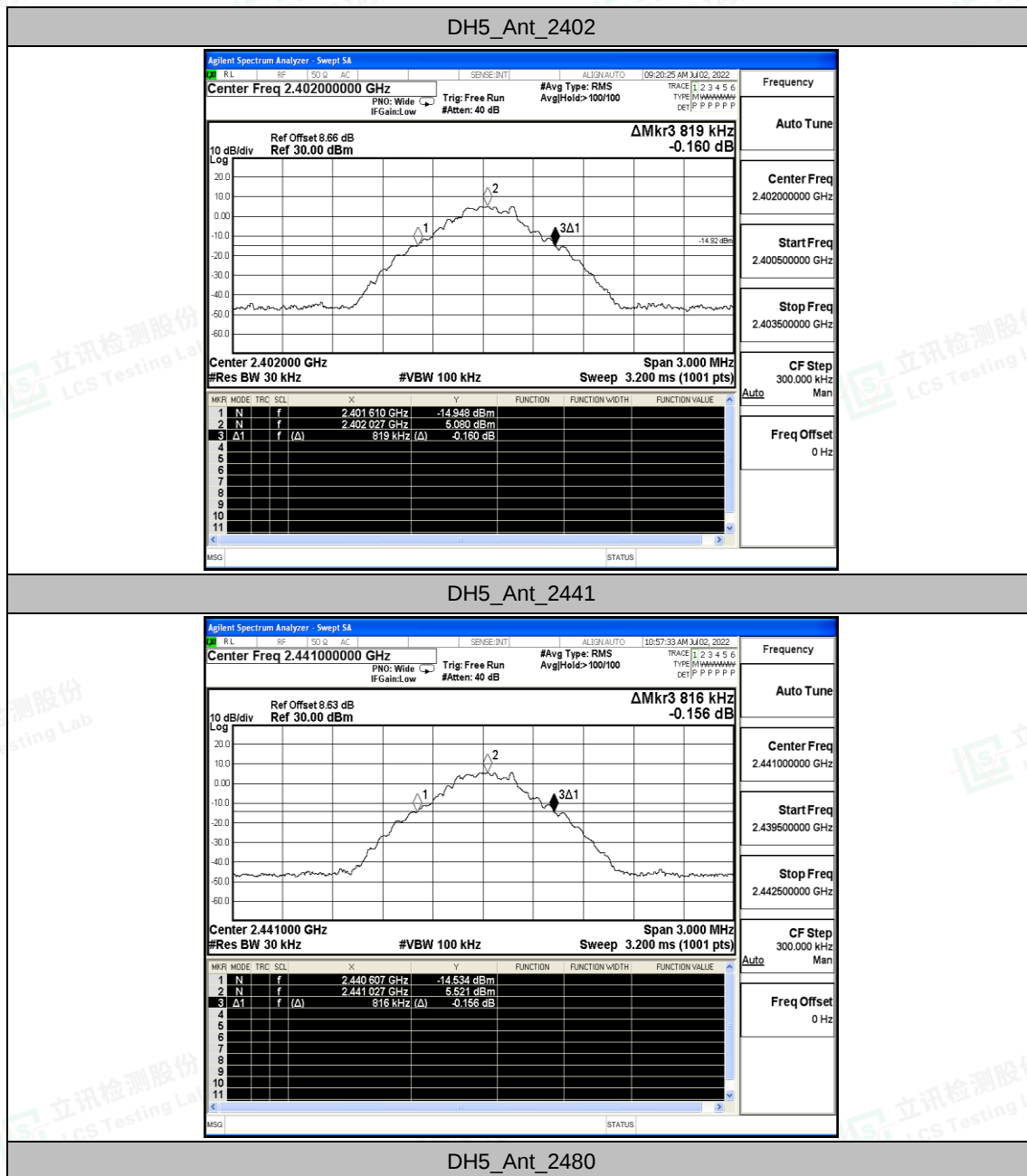
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant	2402	0.819	2401.610	2402.429	---
		2441	0.816	2440.607	2441.423	---
		2480	0.909	2479.577	2480.486	---
2DH5	Ant	2402	1.275	2401.382	2402.657	---
		2441	1.281	2440.379	2441.660	---
		2480	1.278	2479.379	2480.657	---
3DH5	Ant	2402	1.302	2401.361	2402.663	---
		2441	1.275	2440.370	2441.645	---
		2480	1.284	2479.367	2480.651	---





Test Graphs

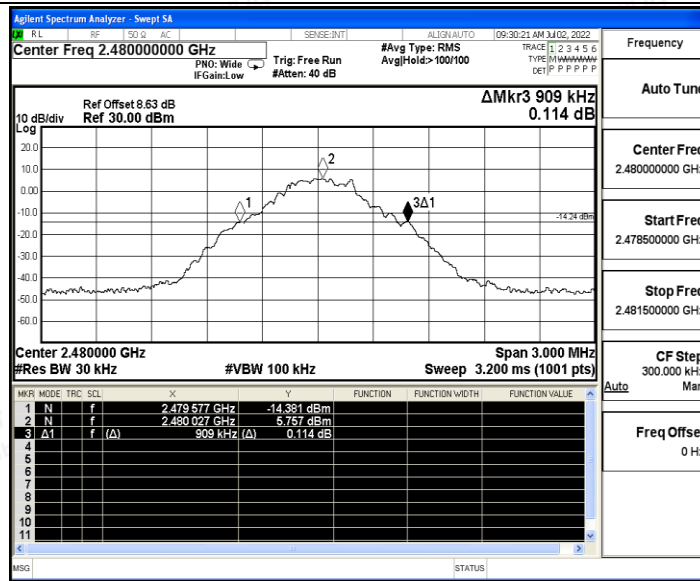


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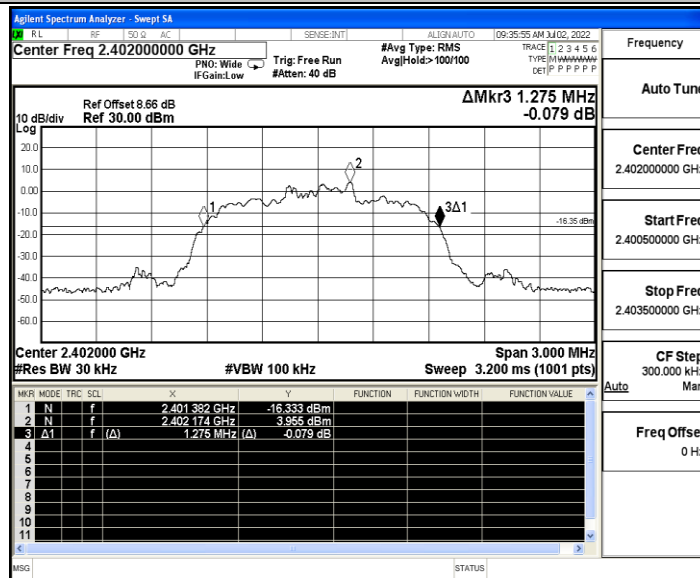
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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2DH5_Ant_2402



2DH5_Ant_2441

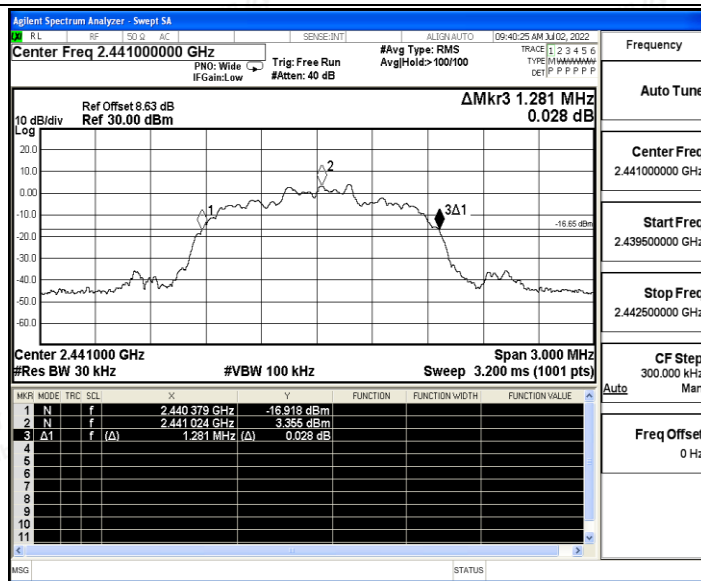


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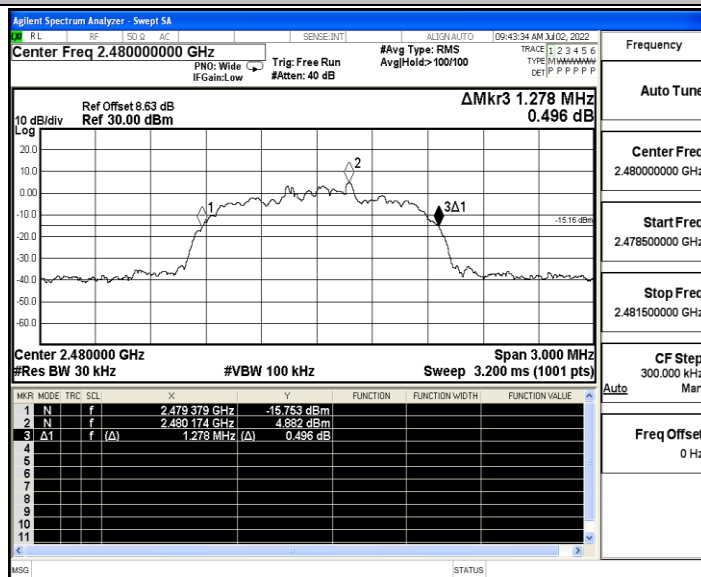
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2DH5_Ant_2480



3DH5_Ant_2402

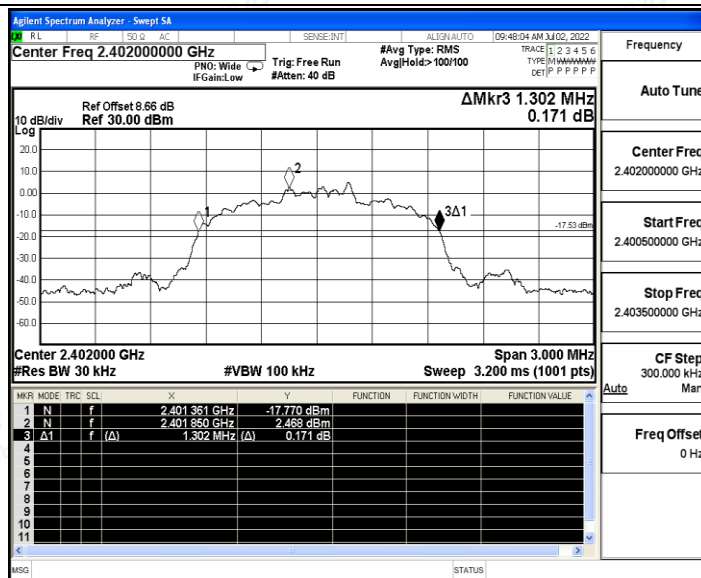


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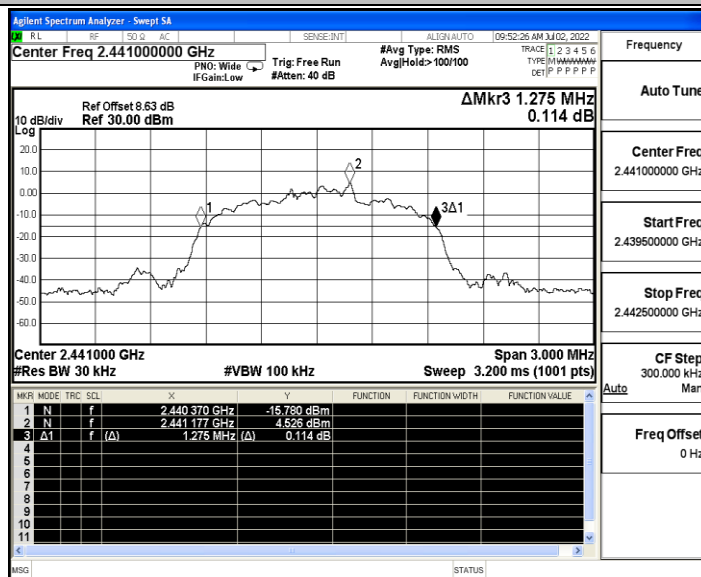
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3DH5_Ant_2441



3DH5_Ant_2480

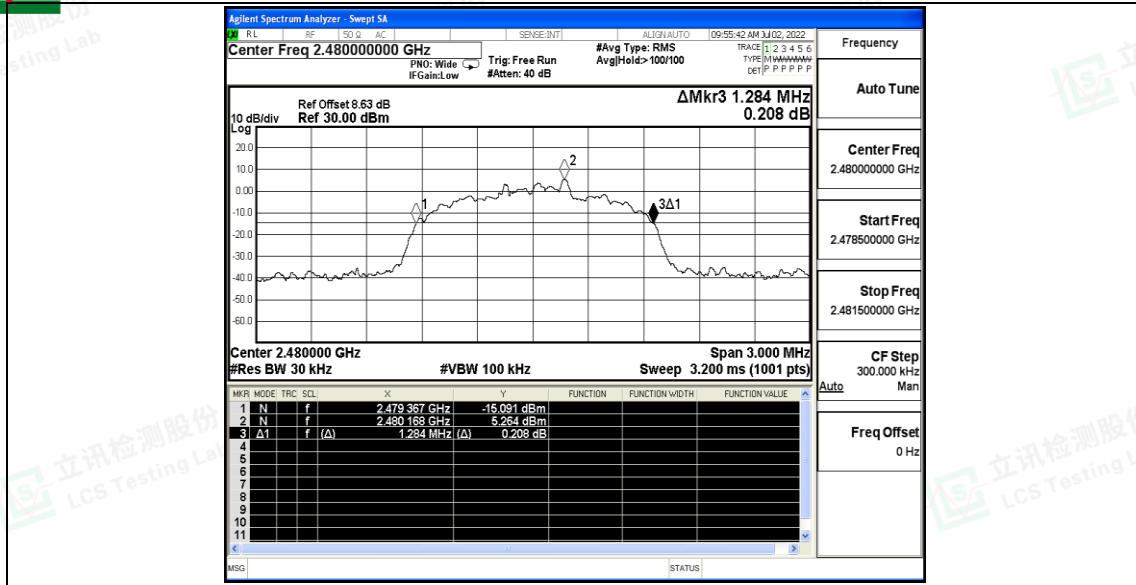


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A.2 Maximum conducted output power

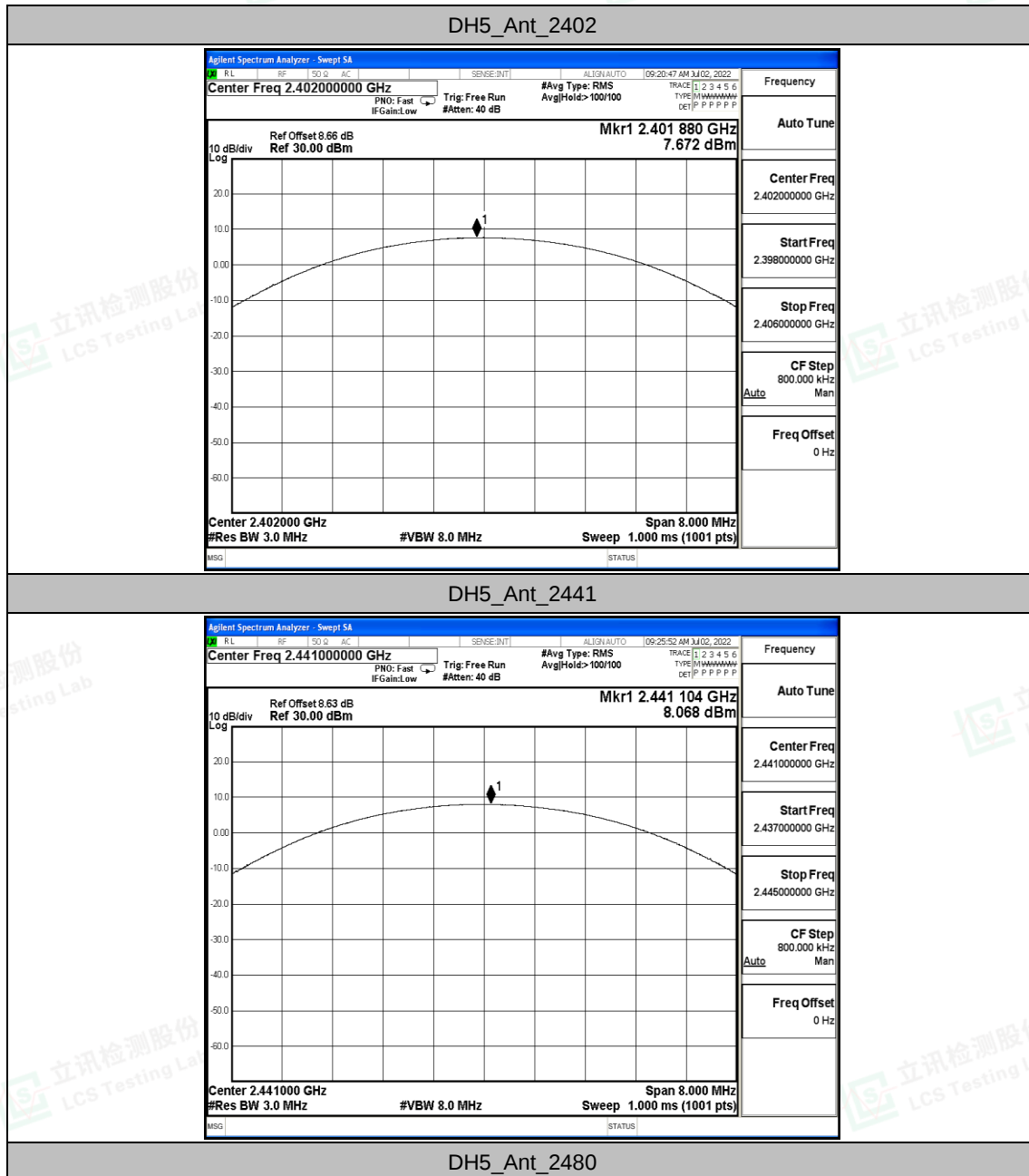
Test Result

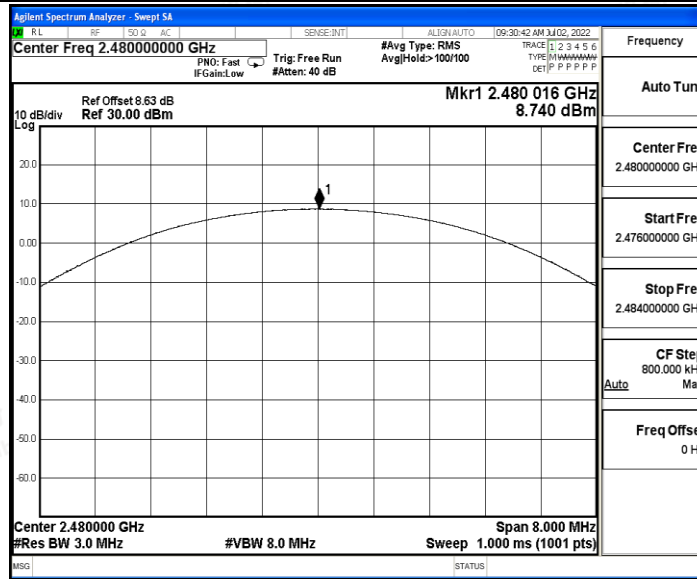
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant	2402	7.67	≤20.97	PASS
		2441	8.07	≤20.97	PASS
		2480	8.74	≤20.97	PASS
2DH5	Ant	2402	7.18	≤20.97	PASS
		2441	7.23	≤20.97	PASS
		2480	8.09	≤20.97	PASS
3DH5	Ant	2402	7.22	≤20.97	PASS
		2441	7.29	≤20.97	PASS
		2480	8.12	≤20.97	PASS



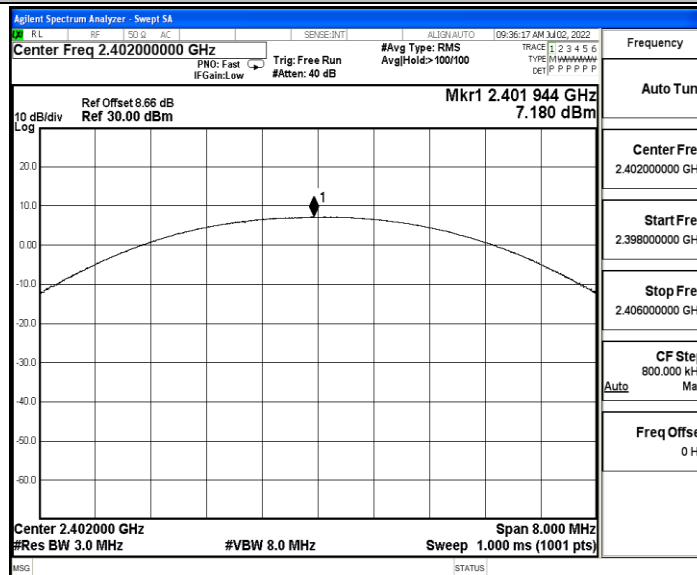


Test Graphs



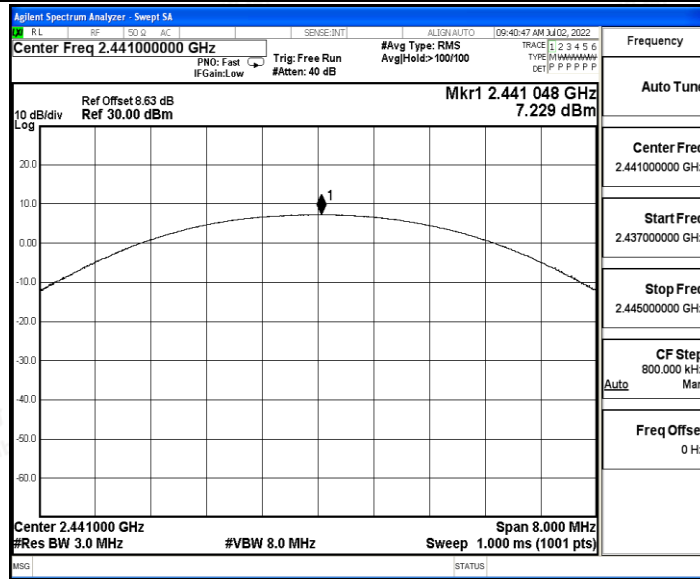


2DH5_Ant_2402

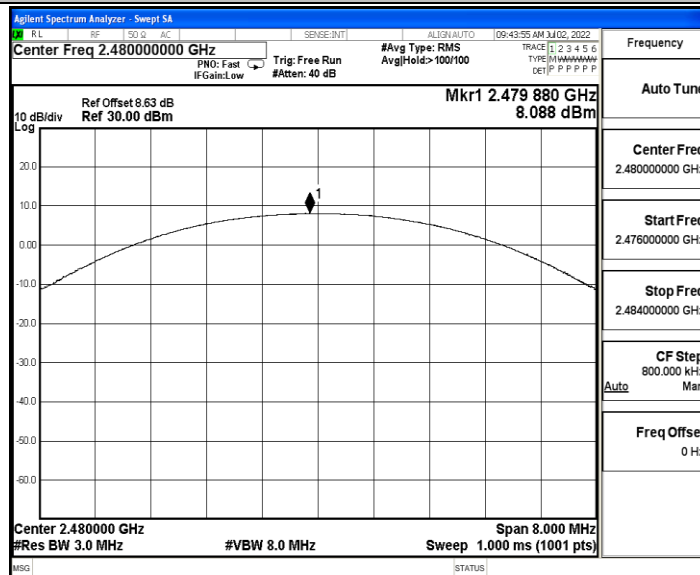


2DH5_Ant_2441



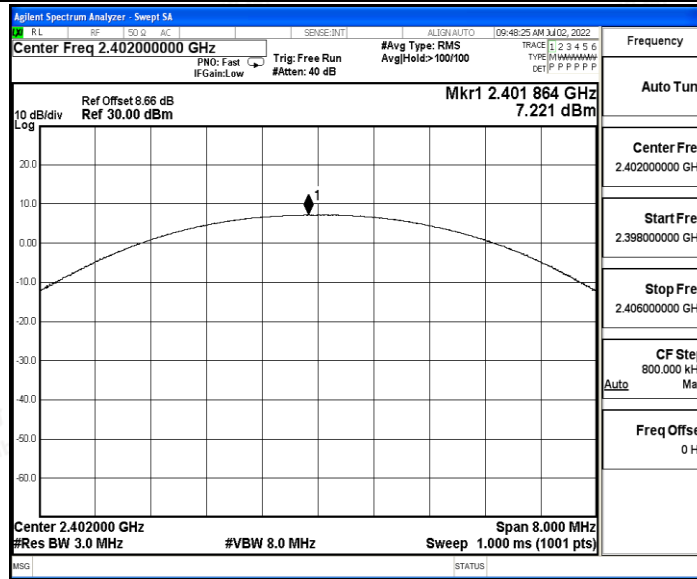


2DH5_Ant_2480

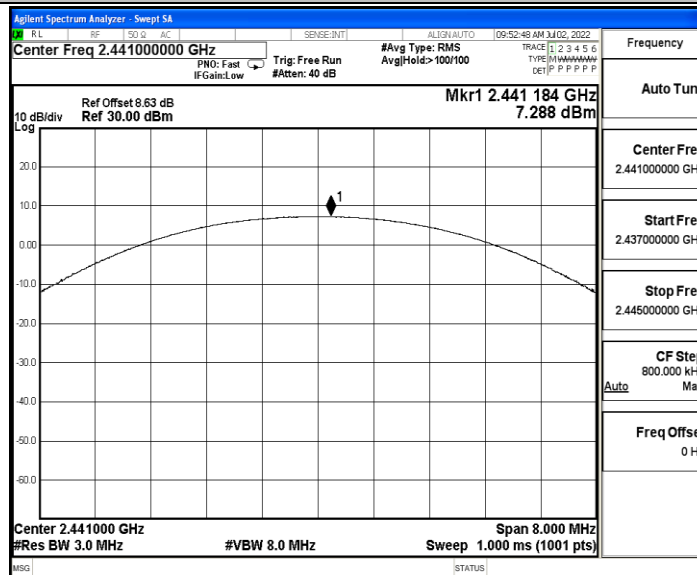


3DH5_Ant_2402



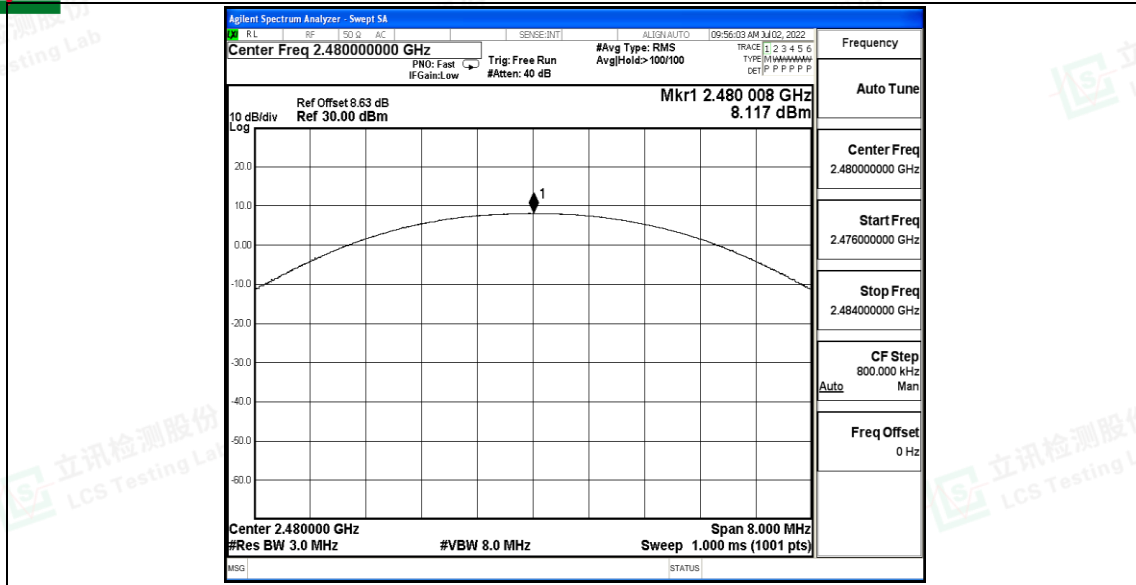


3DH5_Ant_2441



3DH5_Ant_2480







A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant	Hop	1.064	≥ 0.606	PASS
2DH5	Ant	Hop	0.994	≥ 0.854	PASS
3DH5	Ant	Hop	1.004	≥ 0.868	PASS





Test Graphs

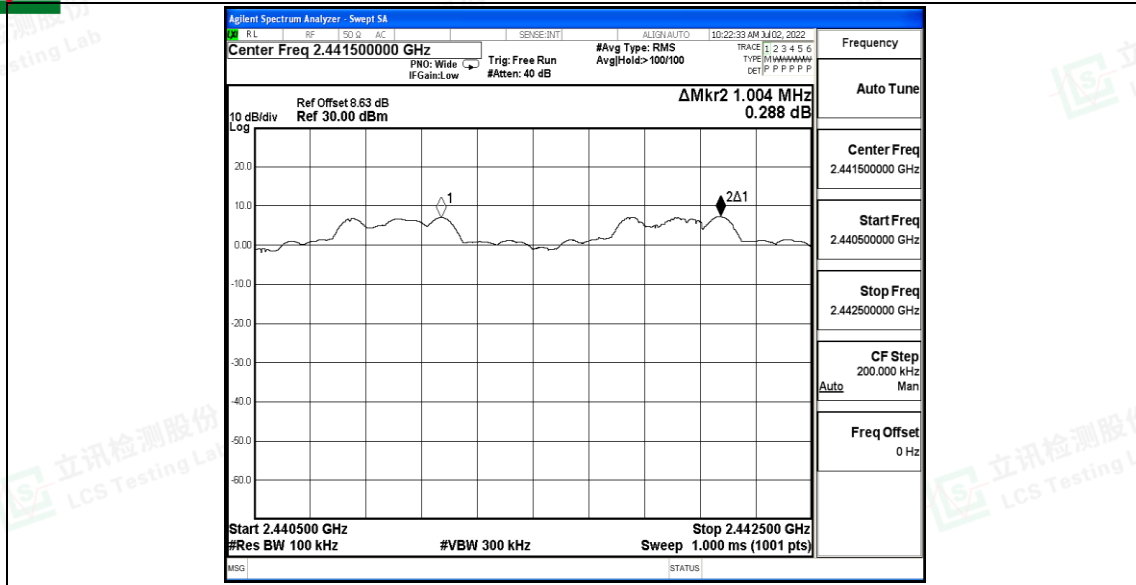


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A.4 Time of occupancy

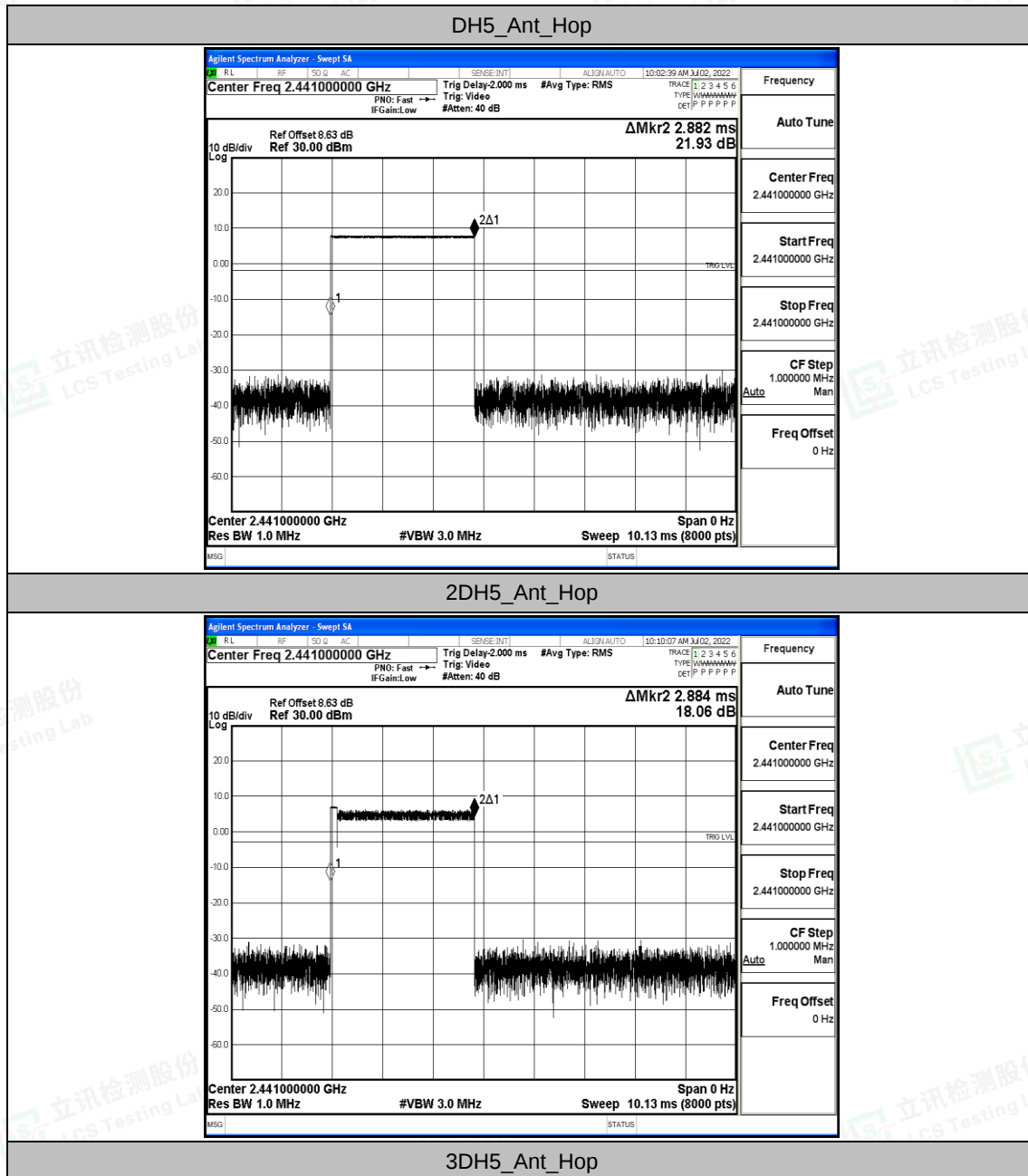
Test Result

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

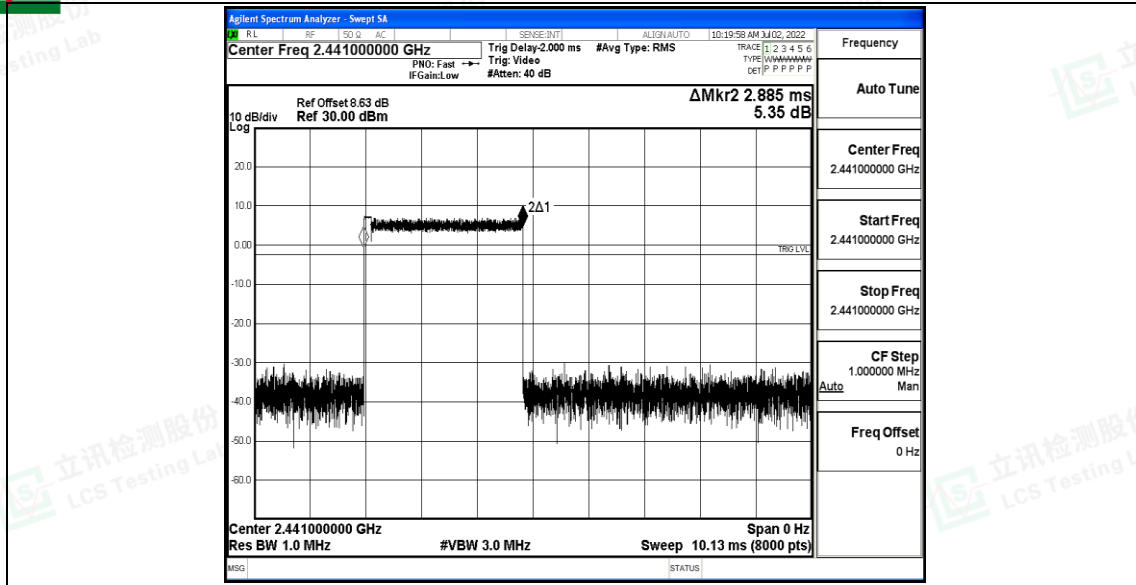


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A.5 Number of hopping channels

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

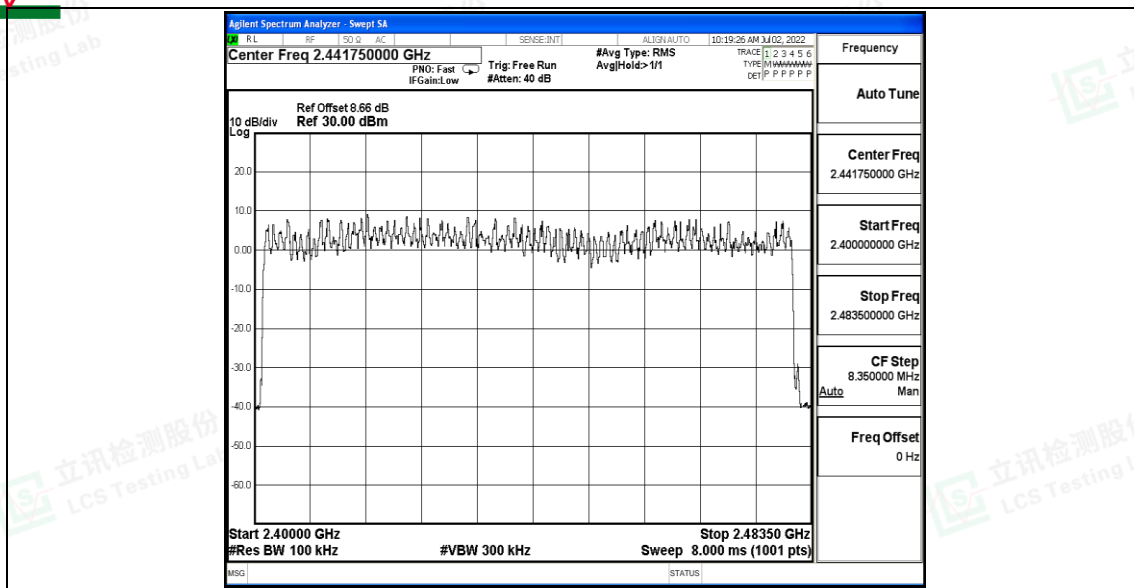


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A.6 Band edge measurements

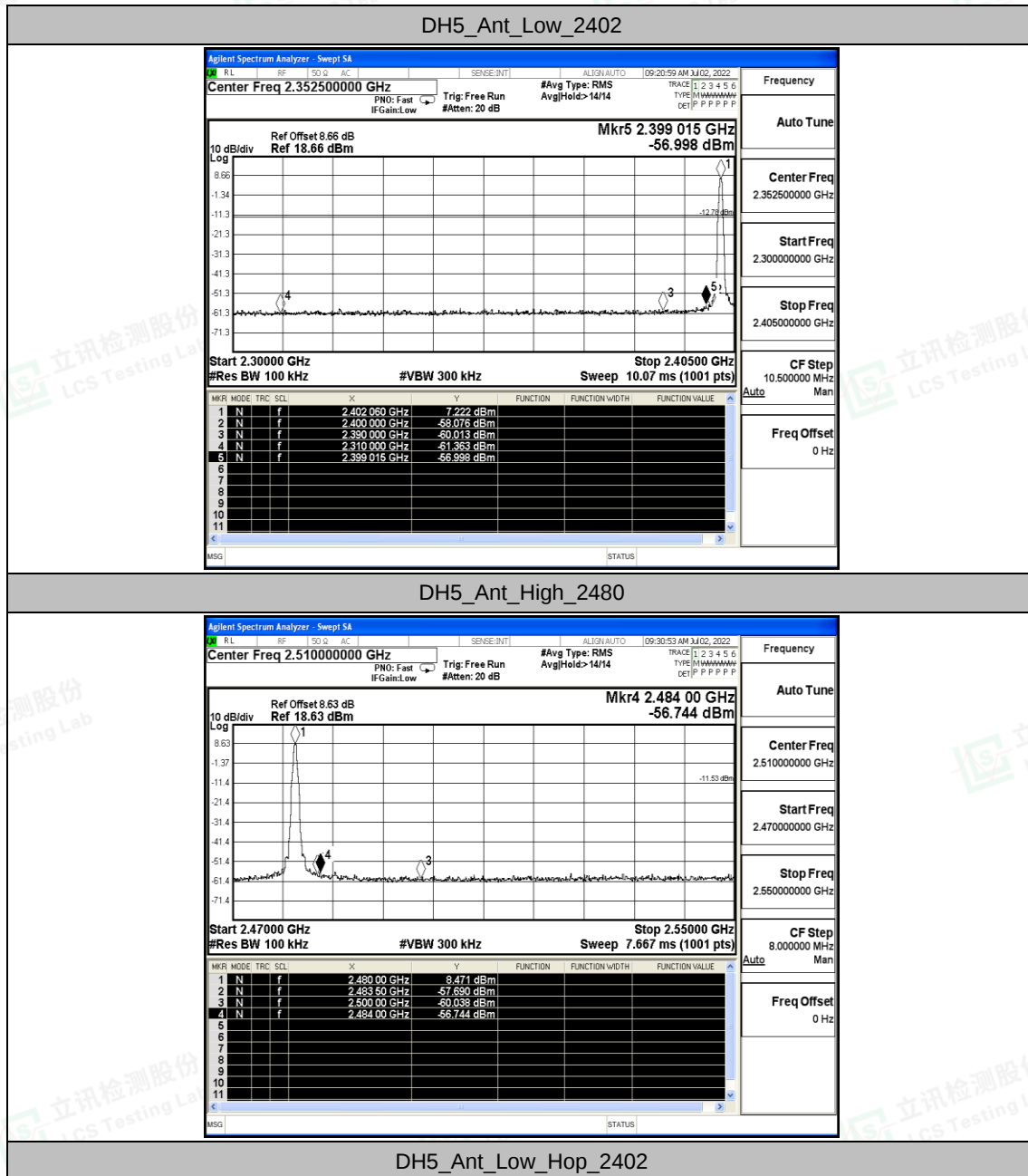
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	Low	2402	7.22	-57	≤ -12.78	PASS
		High	2480	8.47	-56.74	≤ -11.53	PASS
		Low	Hop_2402	7.12	-58.72	≤ -12.88	PASS
		High	Hop_2480	8.13	-56.93	≤ -11.87	PASS
2DH5	Ant	Low	2402	5.11	-55.31	≤ -14.89	PASS
		High	2480	7.42	-56.38	≤ -12.58	PASS
		Low	Hop_2402	3.10	-59.07	≤ -16.9	PASS
		High	Hop_2480	5.88	-57.65	≤ -14.12	PASS
3DH5	Ant	Low	2402	6.73	-56.22	≤ -13.27	PASS
		High	2480	6.53	-57.2	≤ -13.48	PASS
		Low	Hop_2402	5.66	-58.85	≤ -14.34	PASS
		High	Hop_2480	7.55	-57.13	≤ -12.45	PASS





Test Graphs

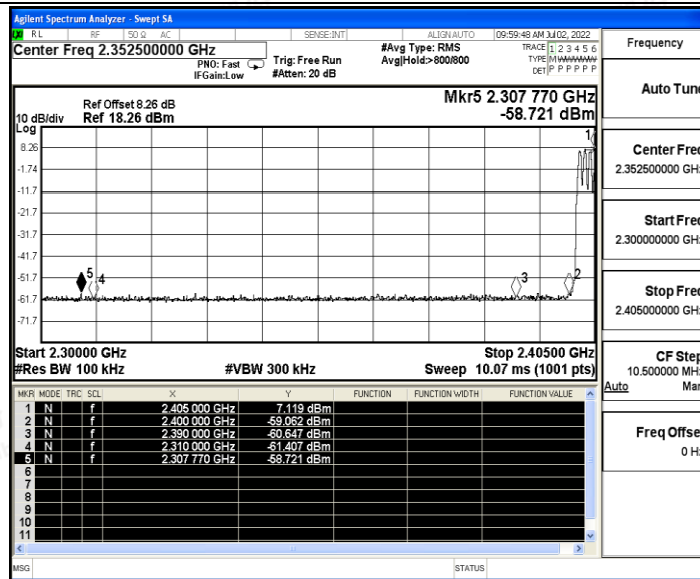


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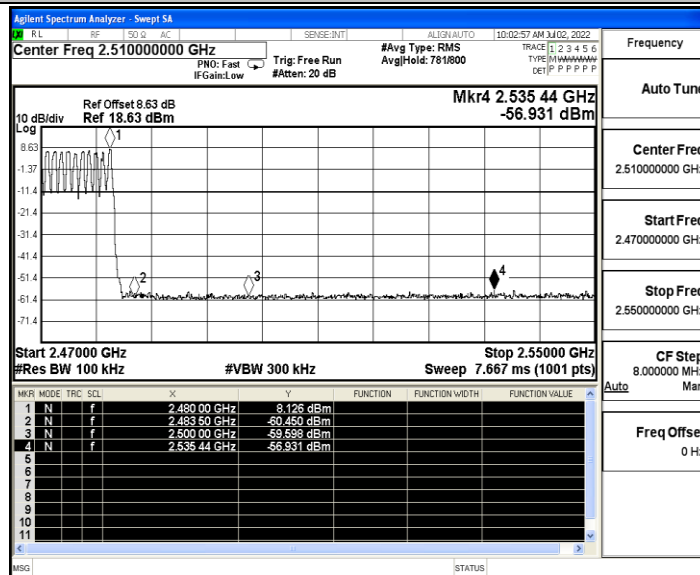
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DH5_Ant_High_Hop_2480



2DH5_Ant_Low_2402

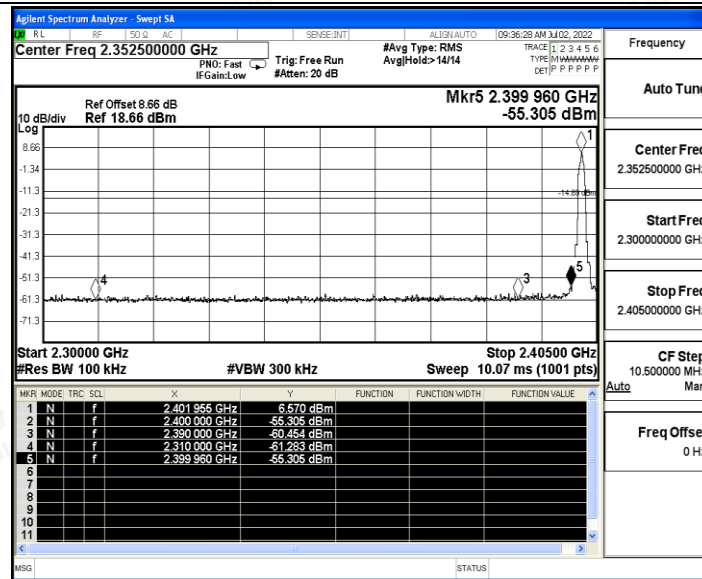


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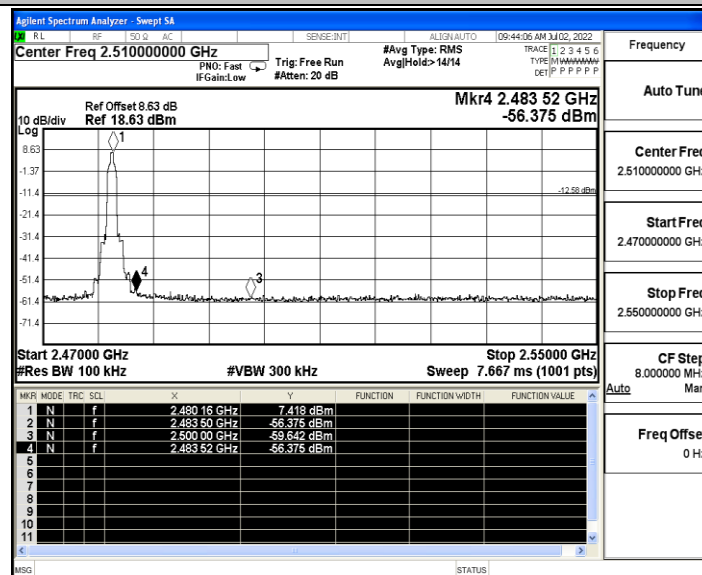
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2DH5_Ant_High_2480



2DH5_Ant_Low_Hop_2402

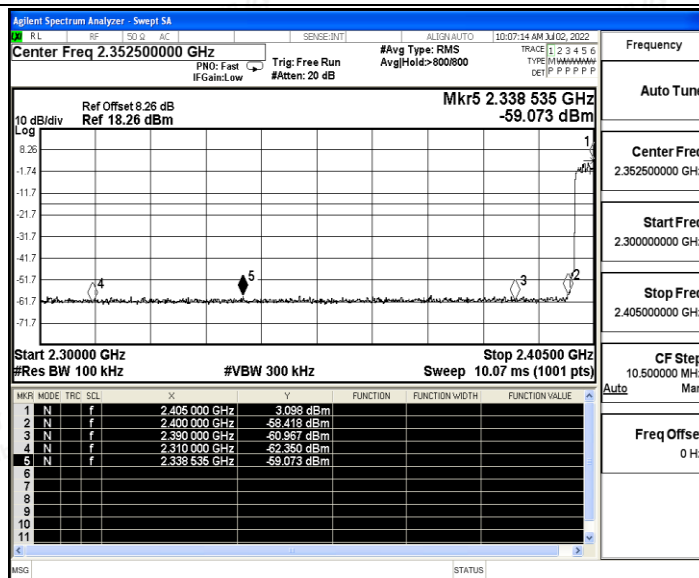


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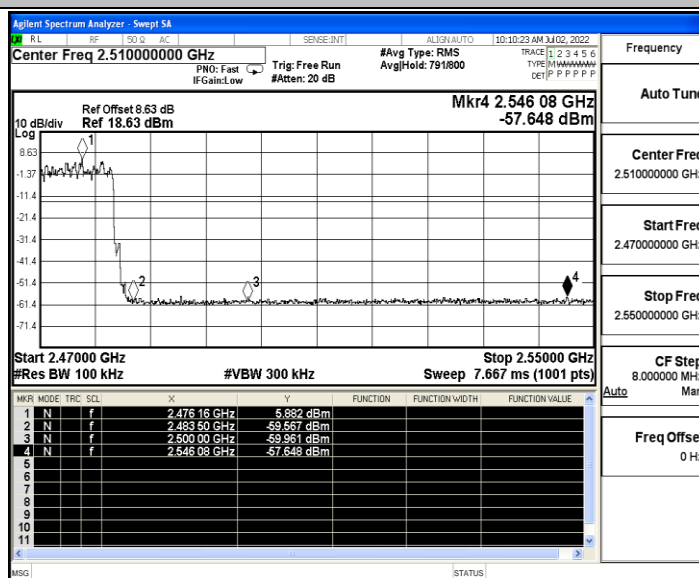
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2DH5_Ant_High_Hop_2480



3DH5_Ant_Low_2402

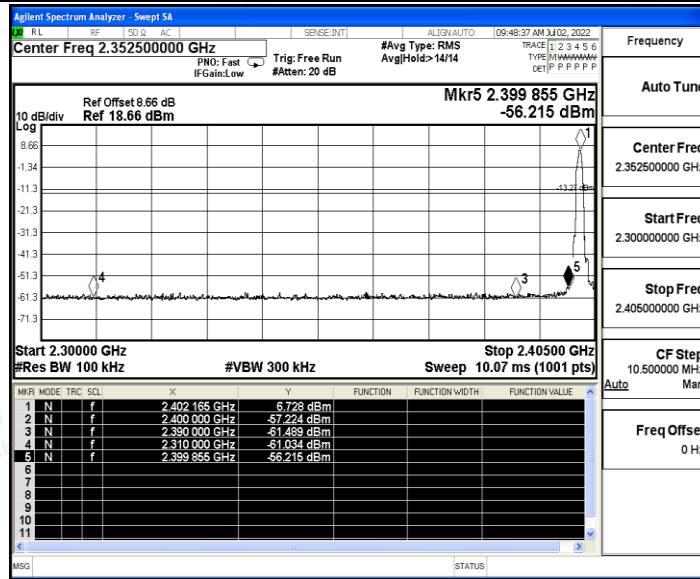


Shenzhen LCS Compliance Testing Laboratory Ltd.

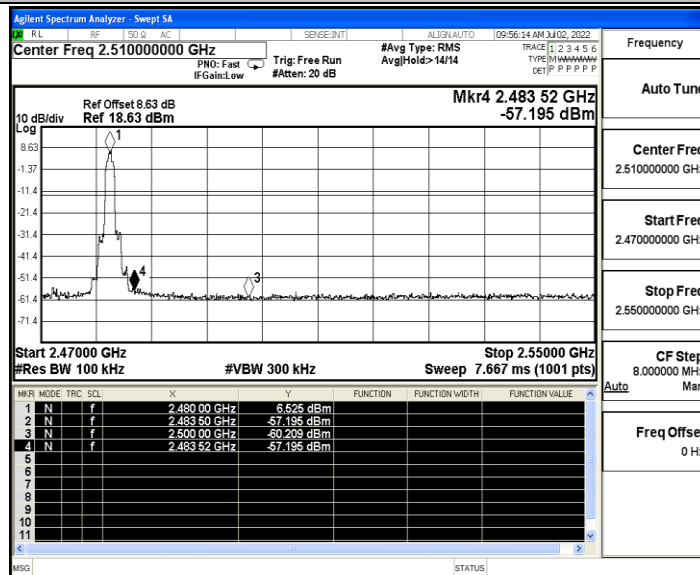
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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3DH5_Ant_High_2480



3DH5_Ant_Low_Hop_2402

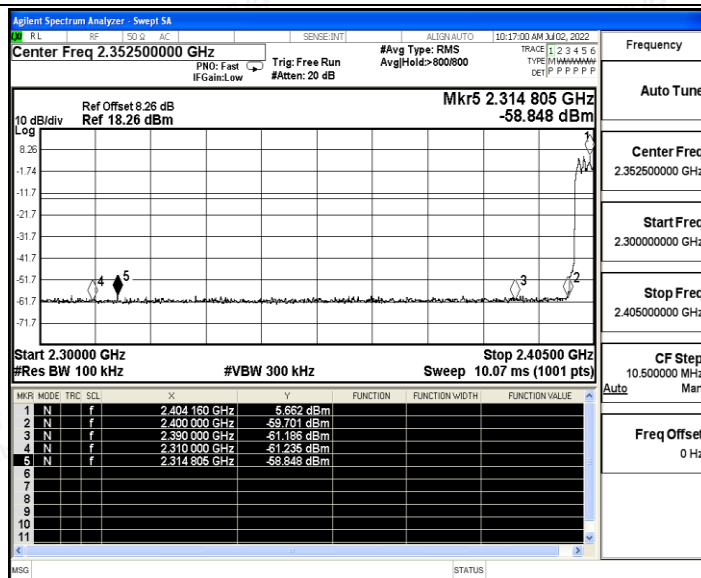


Shenzhen LCS Compliance Testing Laboratory Ltd.

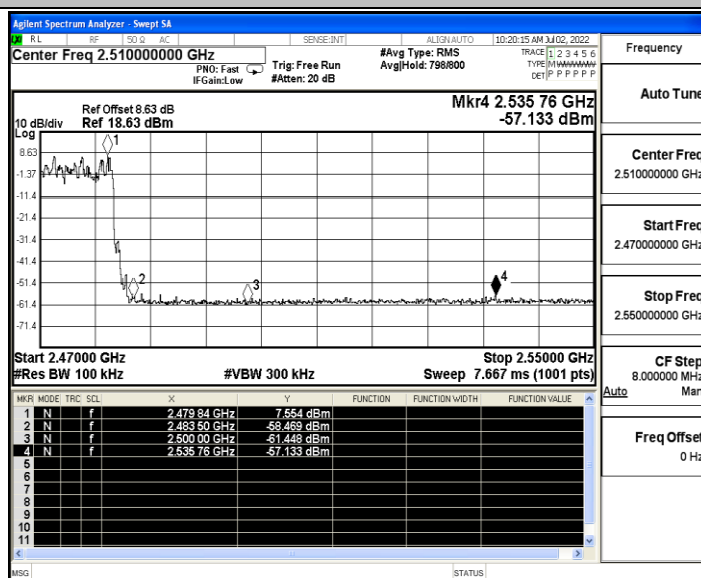
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3DH5_Ant_High_Hop_2480





A.7 Conducted Spurious Emission

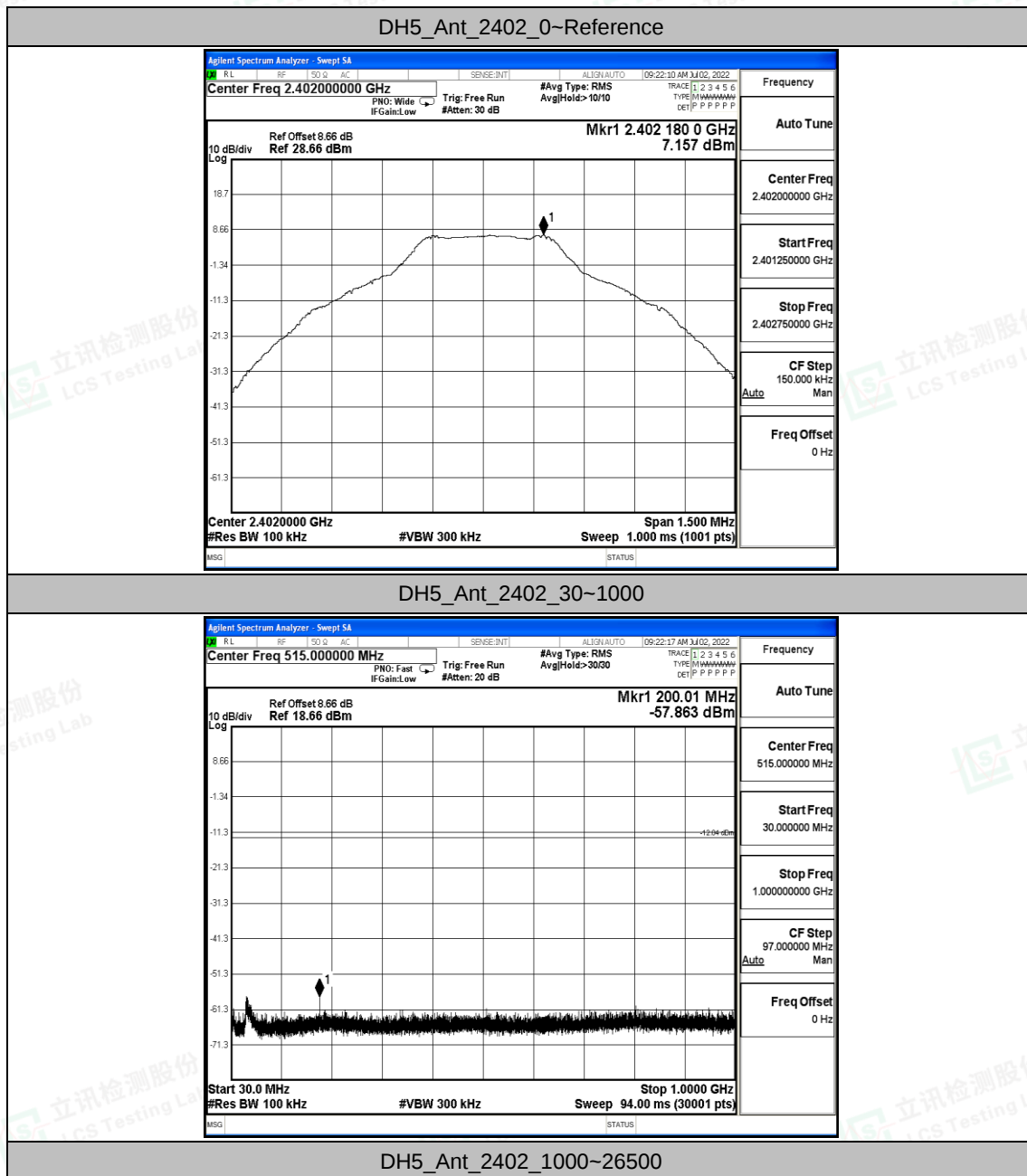
Test Result

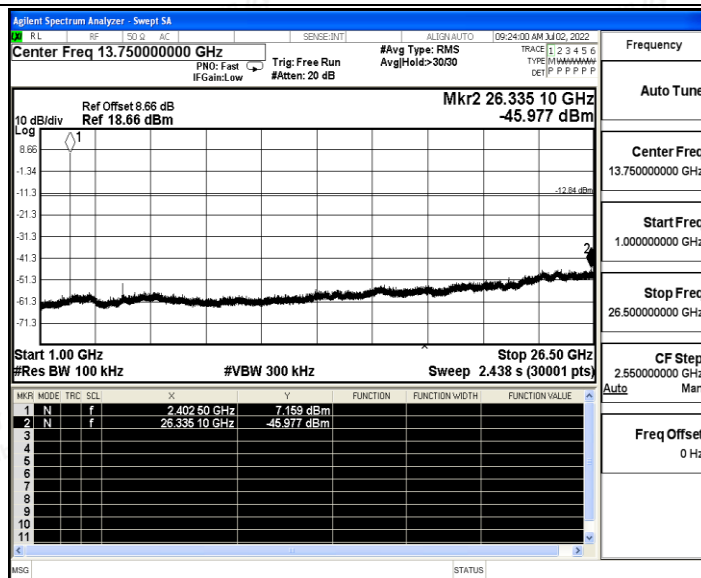
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	2402	Reference	7.16	7.16	---	PASS
			30~1000	7.16	-57.86	≤-12.84	PASS
			1000~26500	7.16	-45.98	≤-12.84	PASS
		2441	Reference	7.51	7.51	---	PASS
			30~1000	7.51	-58.69	≤-12.49	PASS
			1000~26500	7.51	-45.64	≤-12.49	PASS
		2480	Reference	8.14	8.14	---	PASS
			30~1000	8.14	-58.74	≤-11.86	PASS
			1000~26500	8.14	-45.71	≤-11.86	PASS
2DH5	Ant	2402	Reference	6.71	6.71	---	PASS
			30~1000	6.71	-57.66	≤-13.29	PASS
			1000~26500	6.71	-46.31	≤-13.29	PASS
		2441	Reference	6.82	6.82	---	PASS
			30~1000	6.82	-58.27	≤-13.18	PASS
			1000~26500	6.82	-46.35	≤-13.18	PASS
		2480	Reference	7.65	7.65	---	PASS
			30~1000	7.65	-58.58	≤-12.35	PASS
			1000~26500	7.65	-46.38	≤-12.35	PASS
3DH5	Ant	2402	Reference	7.15	7.15	---	PASS
			30~1000	7.15	-58.75	≤-12.85	PASS
			1000~26500	7.15	-45.71	≤-12.85	PASS
		2441	Reference	7.00	7.00	---	PASS
			30~1000	7.00	-59	≤-13	PASS
			1000~26500	7.00	-45.91	≤-13	PASS
		2480	Reference	7.70	7.70	---	PASS
			30~1000	7.70	-58.92	≤-12.3	PASS
			1000~26500	7.70	-46.34	≤-12.3	PASS



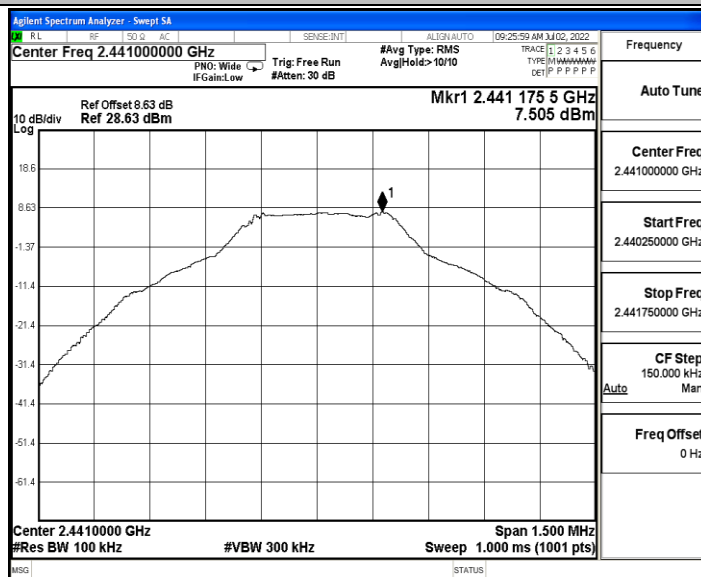


Test Graphs





DH5_Ant_2441_0~Reference



DH5_Ant_2441_30~1000

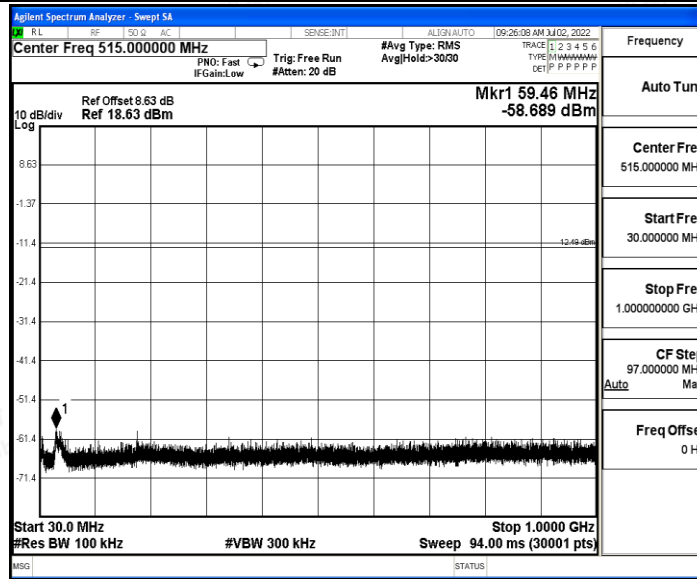


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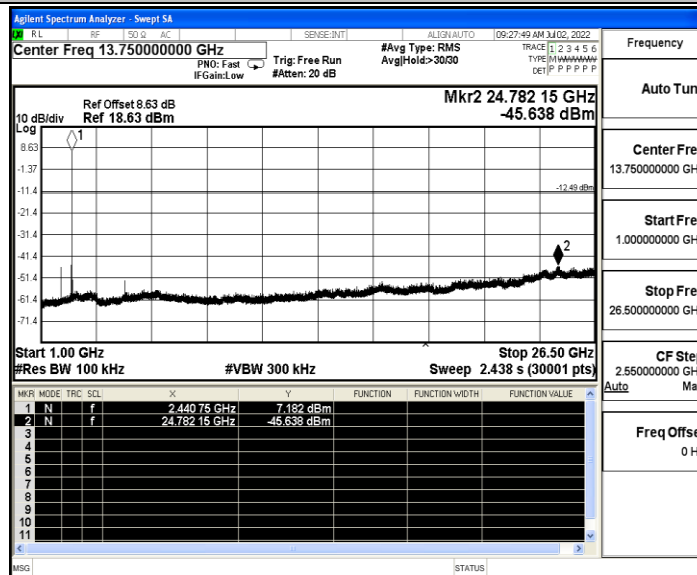
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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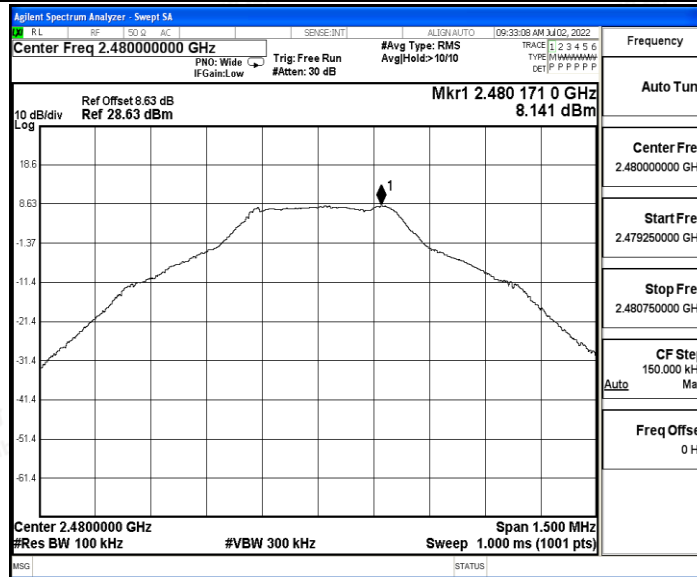


DH5_Ant_2441_1000~26500

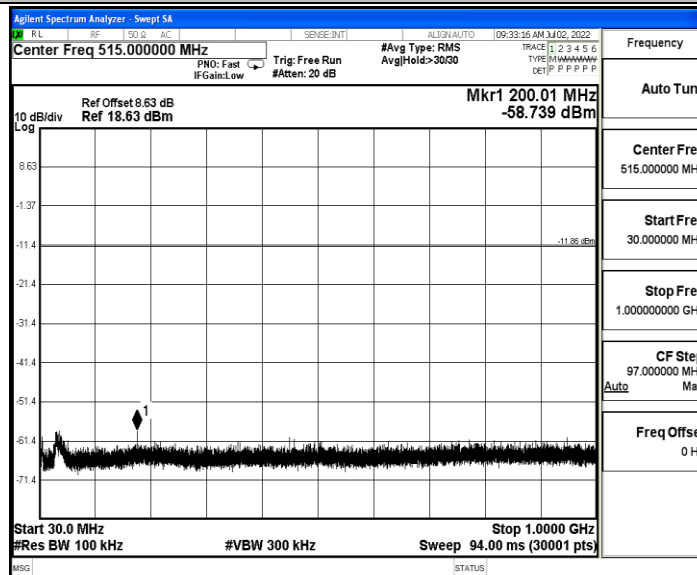


DH5_Ant_2480_0~Reference





DH5_Ant_2480_30~1000



DH5_Ant_2480_1000~26500

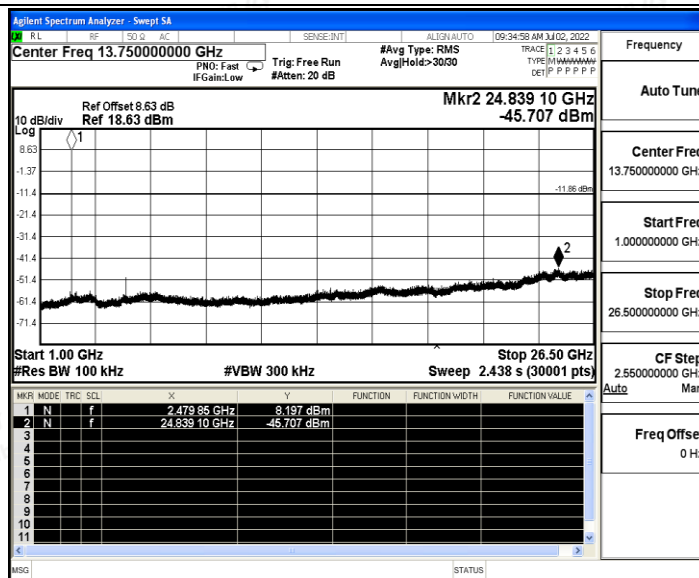


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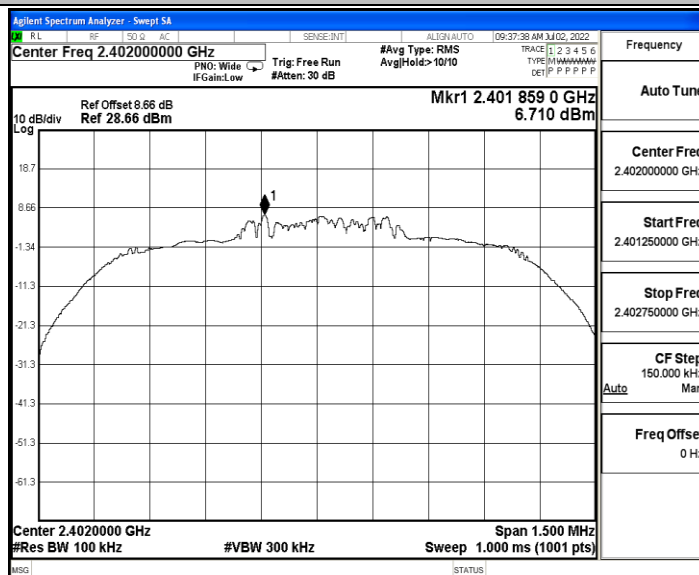
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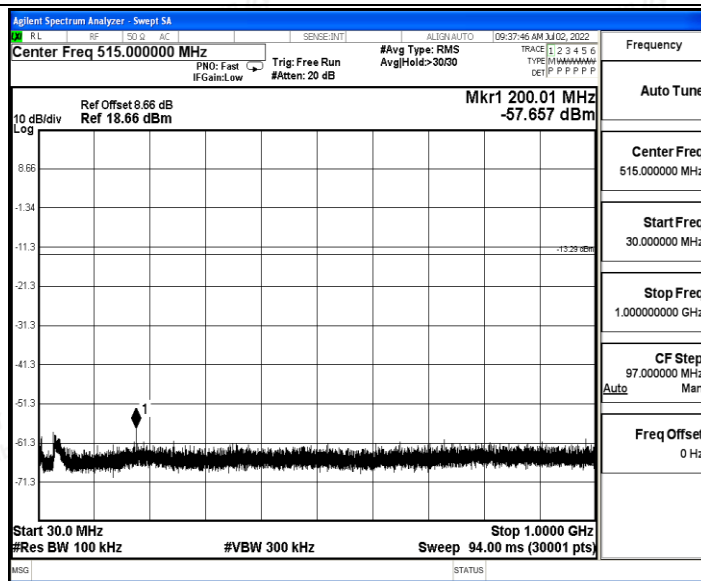


2DH5_Ant_2402_0-Reference

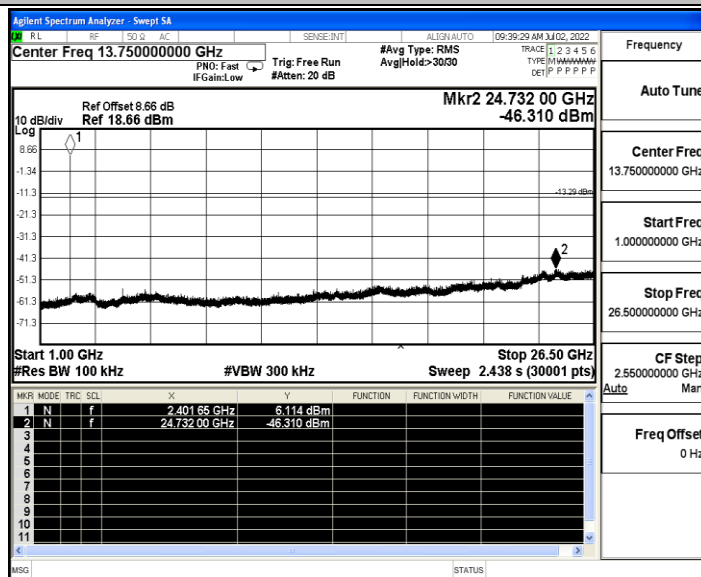


2DH5_Ant_2402_30~1000



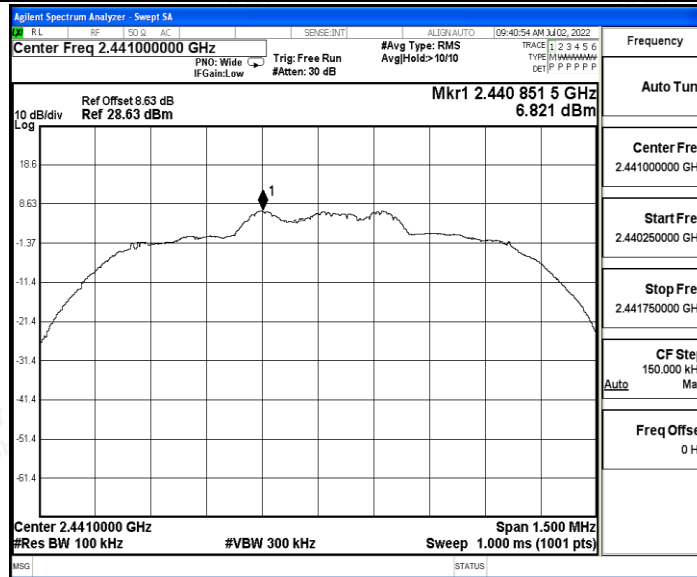


2DH5_Ant_2402_1000~26500

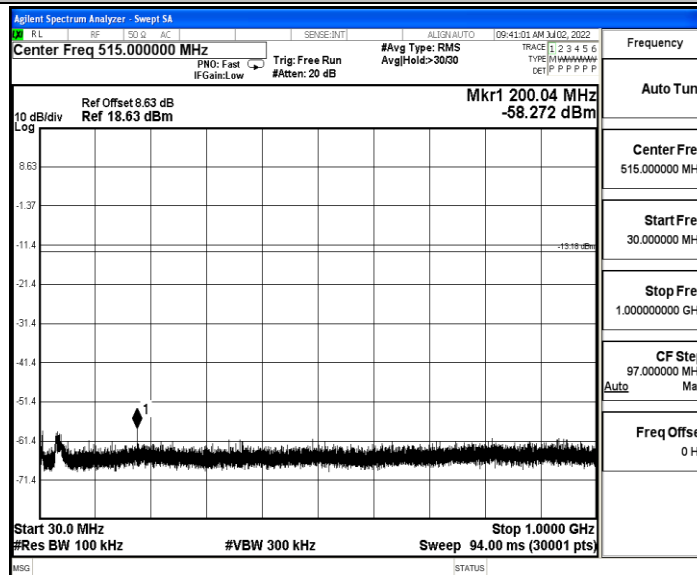


2DH5_Ant_2441_0~Reference





2DH5_Ant_2441_30~1000



2DH5_Ant_2441_1000~26500

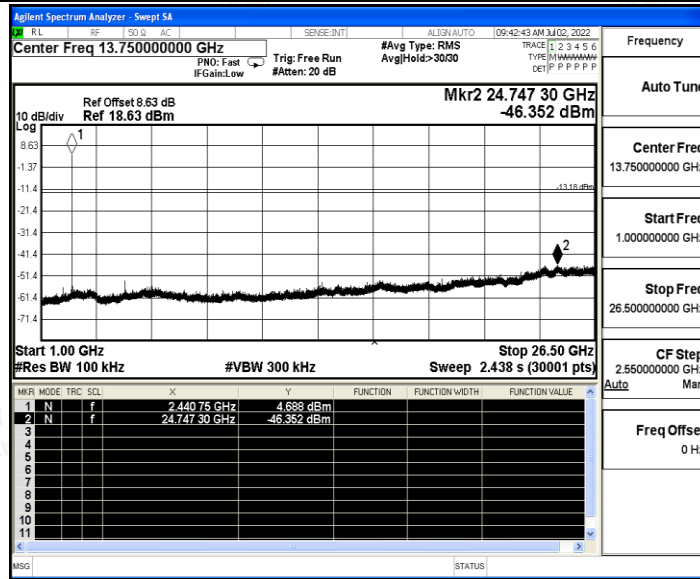


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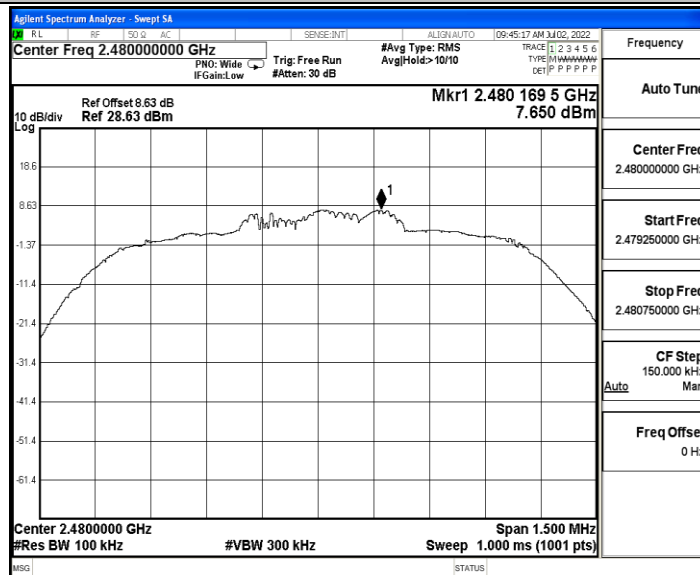
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2DH5_Ant_2480_0-Reference



2DH5_Ant_2480_30~1000

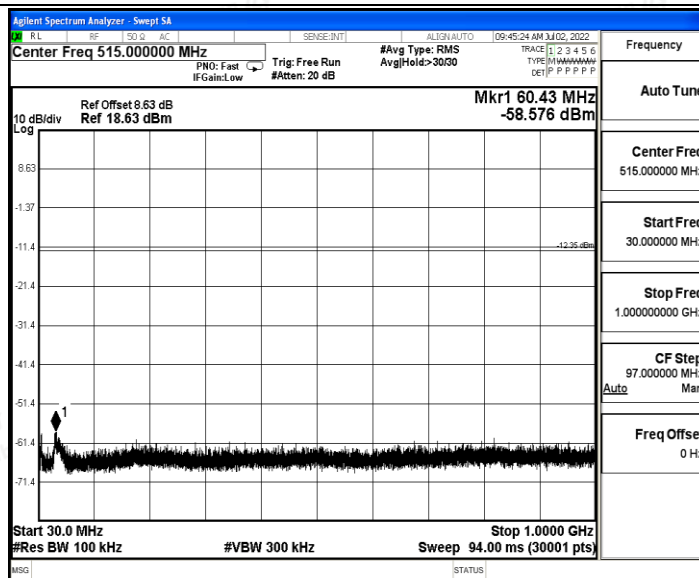


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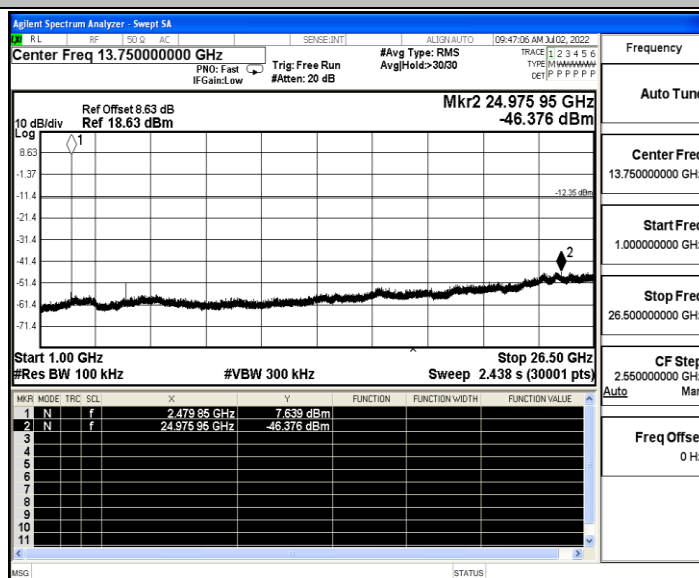
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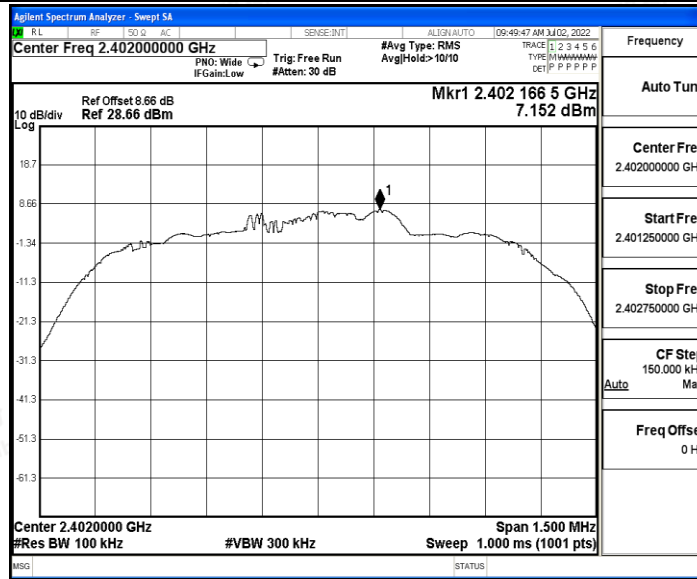


2DH5_Ant_2480_1000~26500

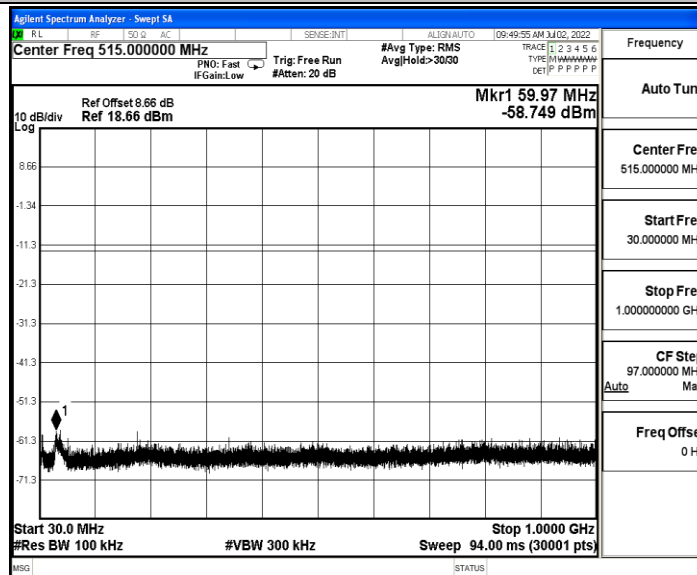


3DH5_Ant_2402_0~Reference





3DH5_Ant_2402_30~1000



3DH5_Ant_2402_1000~26500

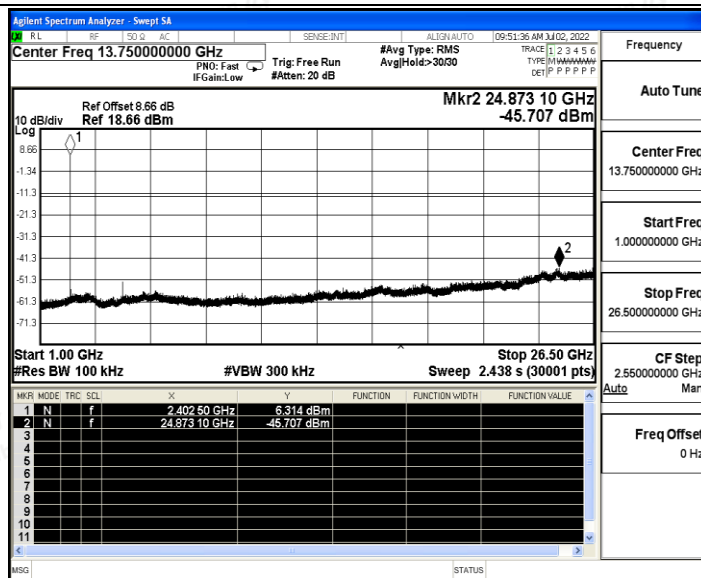


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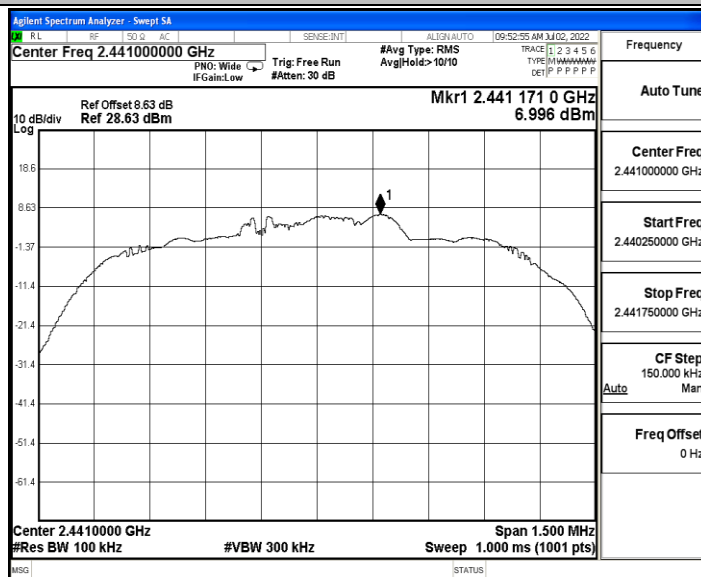
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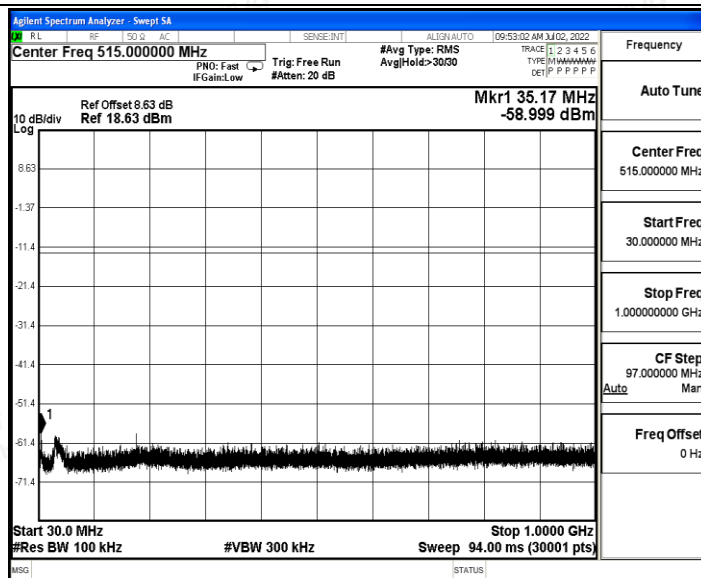


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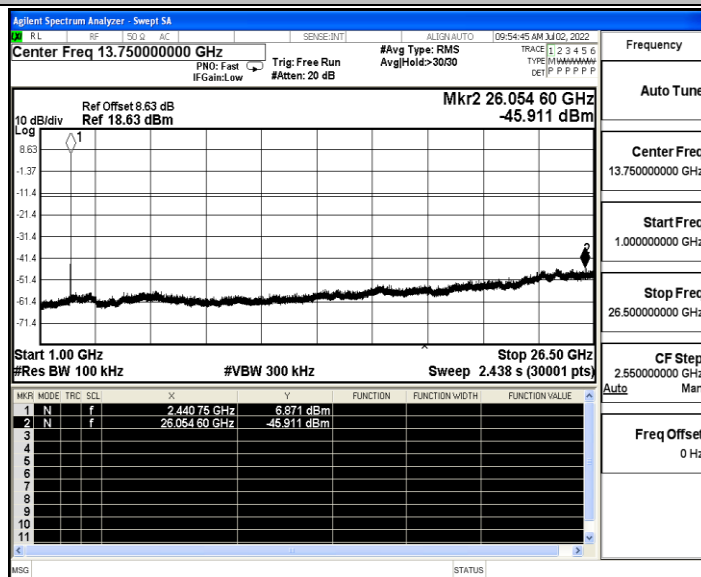


3DH5_Ant_2441_30~1000





3DH5_Ant_2441_1000~26500



3DH5_Ant_2480_0~Reference

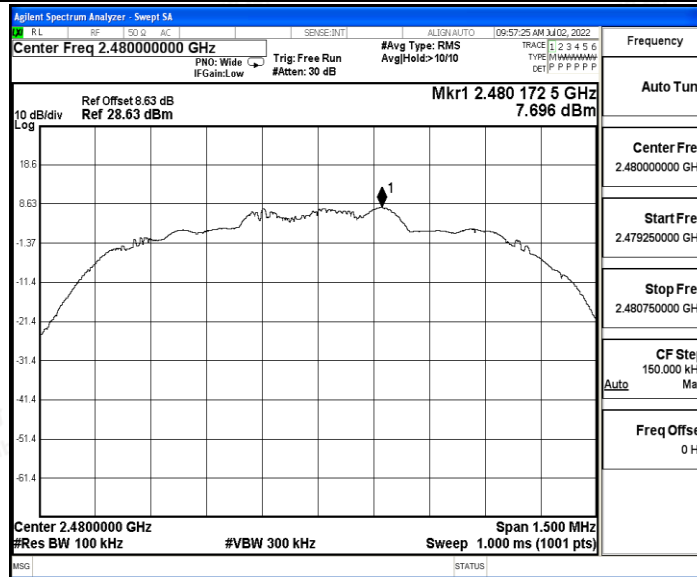


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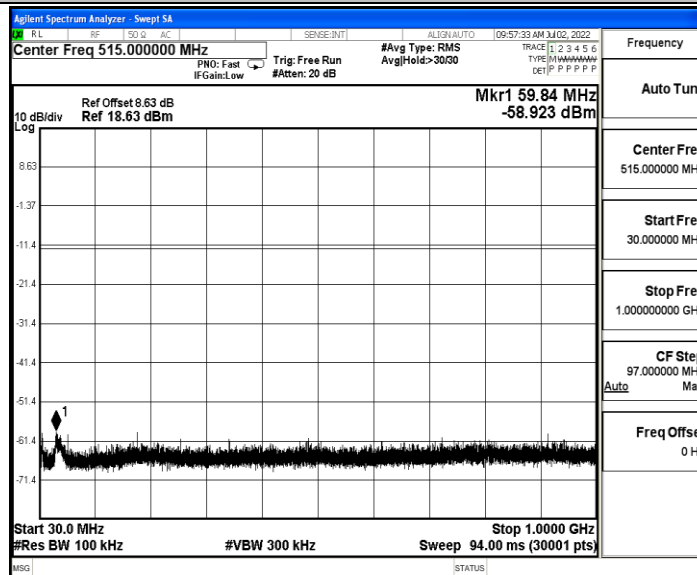
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3DH5_Ant_2480_30~1000



3DH5_Ant_2480_1000~26500

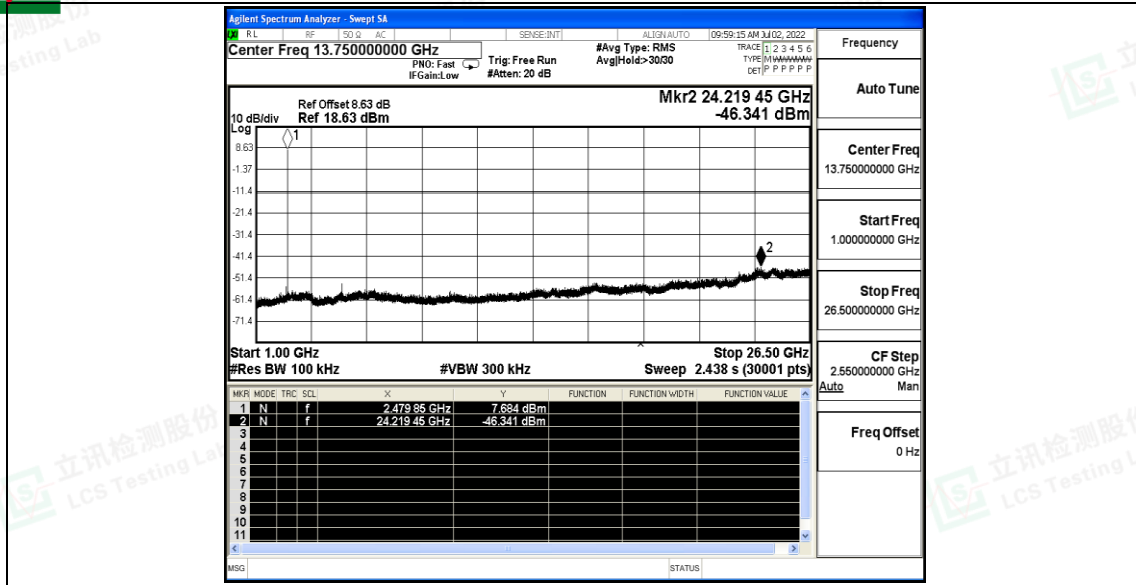


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A.8 Emissions in Restricted Bands

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	-58.17	≤-41.20	37.03	≤54	PASS
				AV	2389.985	-57.08	≤-41.20	38.12	≤54	PASS
				AV	2390.000	-57.08	≤-41.20	38.12	≤54	PASS
				Peak	2310.000	-49	≤-21.20	46.20	≤74	PASS
				Peak	2383.370	-46.19	≤-21.20	49.01	≤74	PASS
				Peak	2390.000	-47.86	≤-21.20	47.34	≤74	PASS
		High	2480	AV	2483.500	-49.92	≤-41.20	45.28	≤54	PASS
				AV	2483.520	-49.96	≤-41.20	45.24	≤54	PASS
				AV	2500.000	-57.18	≤-41.20	38.02	≤54	PASS
				Peak	2483.500	-44.28	≤-21.20	50.92	≤74	PASS
				Peak	2483.520	-44.28	≤-21.20	50.92	≤74	PASS
				Peak	2500.000	-45.85	≤-21.20	49.35	≤74	PASS
2DH5	Ant	Low	2402	AV	2310.000	-58.08	≤-41.20	37.12	≤54	PASS
				AV	2389.250	-57.34	≤-41.20	37.86	≤54	PASS
				AV	2390.000	-57.54	≤-41.20	37.66	≤54	PASS
				Peak	2310.000	-48.42	≤-21.20	46.78	≤74	PASS
				Peak	2380.745	-46.34	≤-21.20	48.86	≤74	PASS
				Peak	2390.000	-48.51	≤-21.20	46.69	≤74	PASS
		High	2480	AV	2483.500	-49.05	≤-41.20	46.15	≤54	PASS
				AV	2483.520	-49.05	≤-41.20	46.15	≤54	PASS
				AV	2500.000	-57.07	≤-41.20	38.13	≤54	PASS
				Peak	2483.500	-43.01	≤-21.20	52.19	≤74	PASS
				Peak	2483.520	-43.01	≤-21.20	52.19	≤74	PASS
				Peak	2500.000	-47.85	≤-21.20	47.35	≤74	PASS
3DH5	Ant	Low	2402	AV	2310.000	-58.02	≤-41.20	37.18	≤54	PASS
				AV	2388.725	-57.34	≤-41.20	37.86	≤54	PASS
				AV	2390.000	-57.53	≤-41.20	37.67	≤54	PASS
				Peak	2310.000	-48.99	≤-21.20	46.21	≤74	PASS
				Peak	2379.170	-45.16	≤-21.20	50.04	≤74	PASS
				Peak	2390.000	-47.54	≤-21.20	47.66	≤74	PASS
		High	2480	AV	2483.500	-49.16	≤-41.20	46.04	≤54	PASS
				AV	2483.520	-49.16	≤-41.20	46.04	≤54	PASS
				AV	2500.000	-56.96	≤-41.20	38.24	≤54	PASS
				Peak	2483.500	-41.77	≤-21.20	53.43	≤74	PASS
				Peak	2483.520	-41.77	≤-21.20	53.43	≤74	PASS



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				Peak	2500.000	-48.1	≤-21.20	47.10	≤74	PASS
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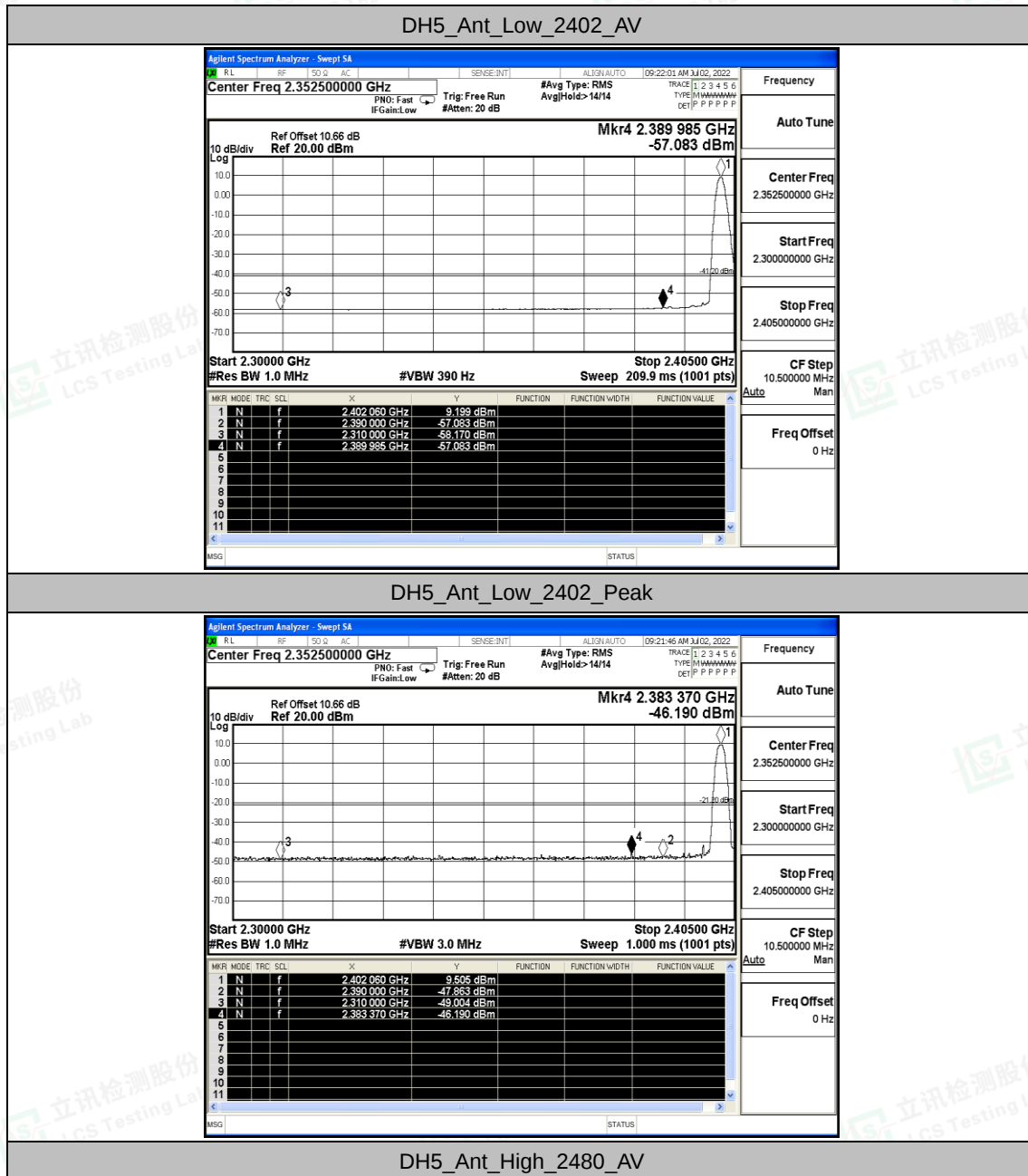
Note:

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

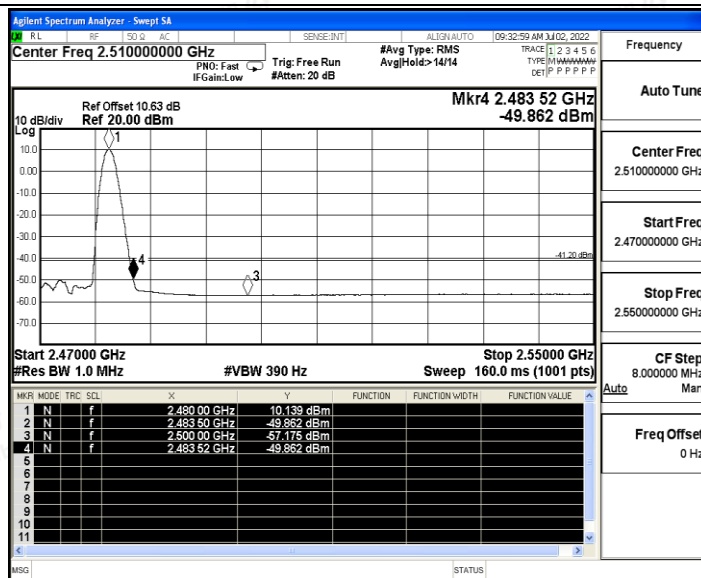


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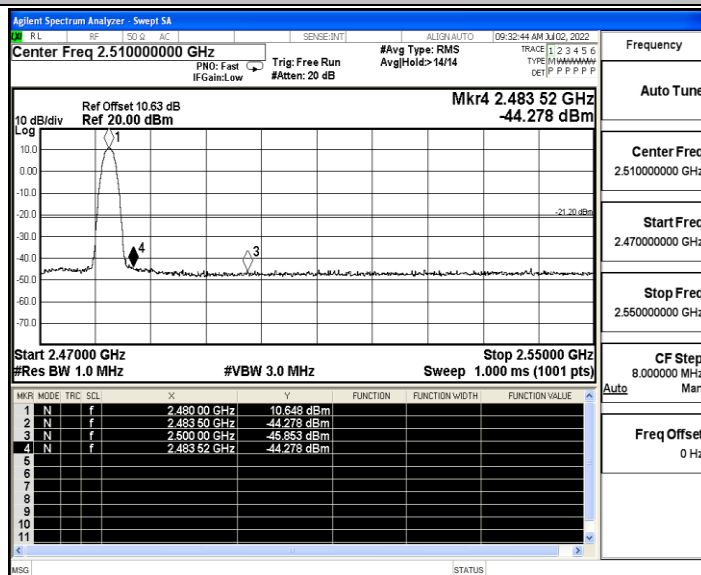
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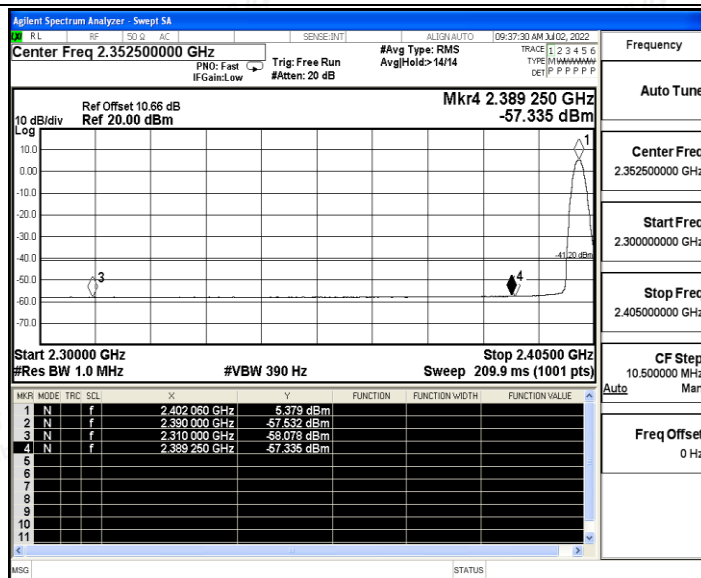


DH5_Ant_High_2480_Peak

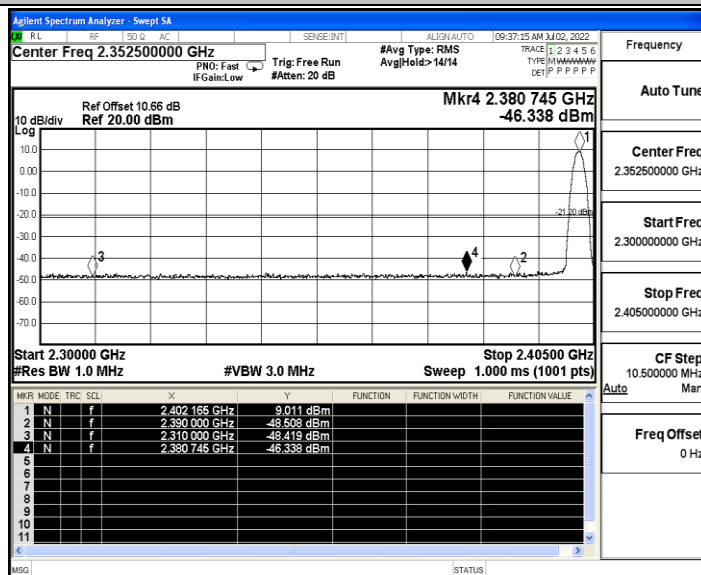


2DH5_Ant_Low_2402_AV



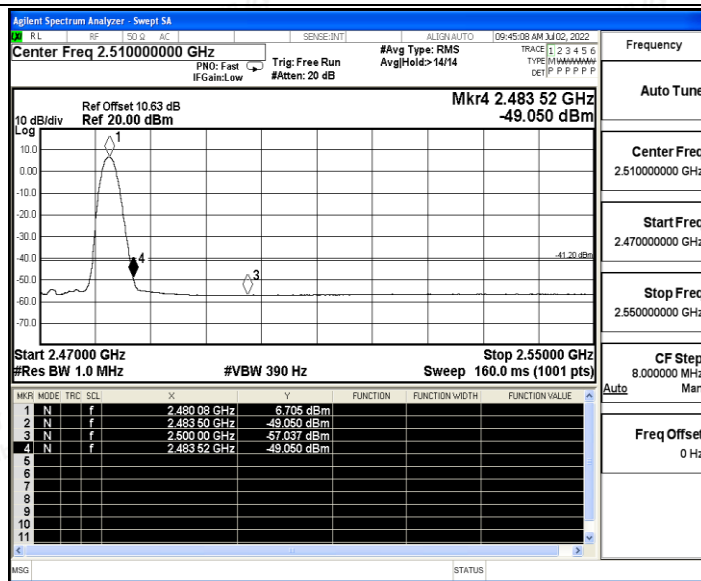


2DH5_Ant_Low_2402_Peak

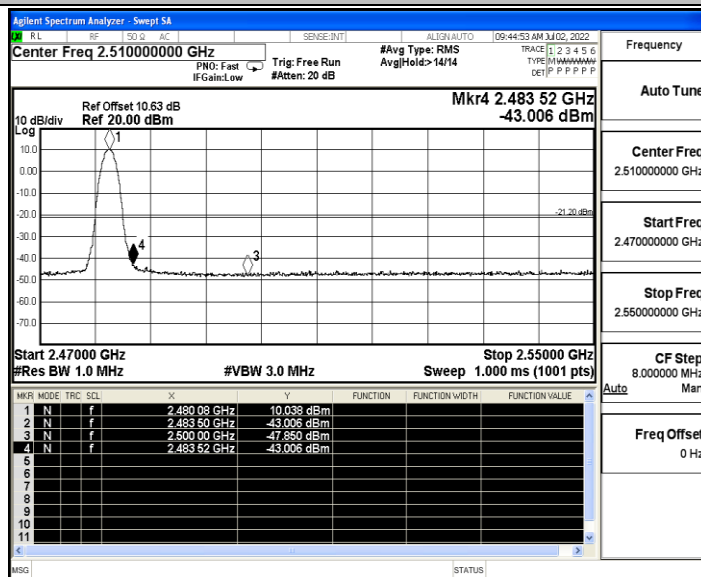


2DH5_Ant_High_2480_AV





2DH5_Ant_High_2480_Peak



3DH5_Ant_Low_2402_AV

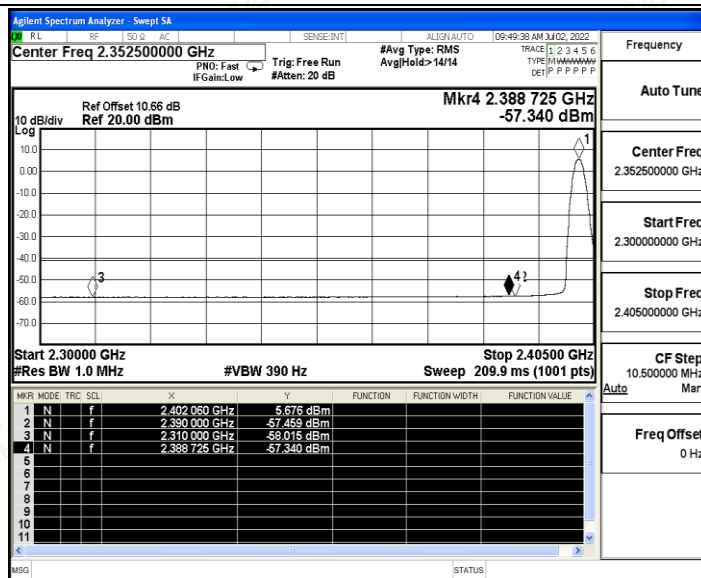


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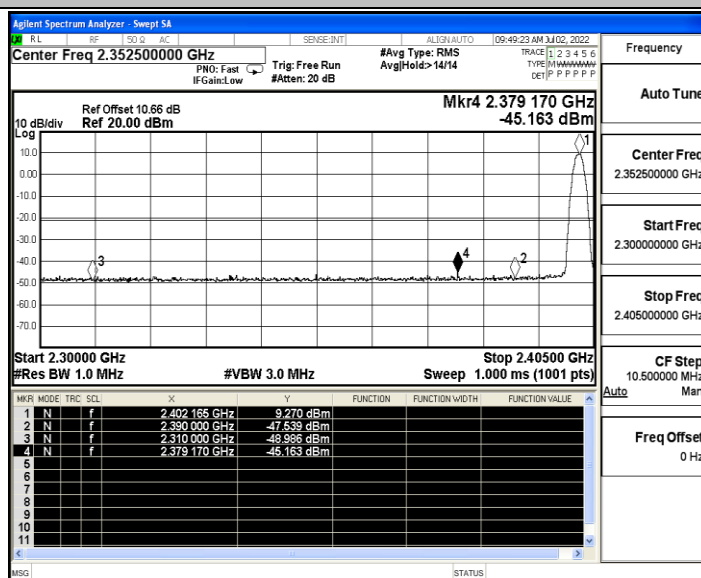
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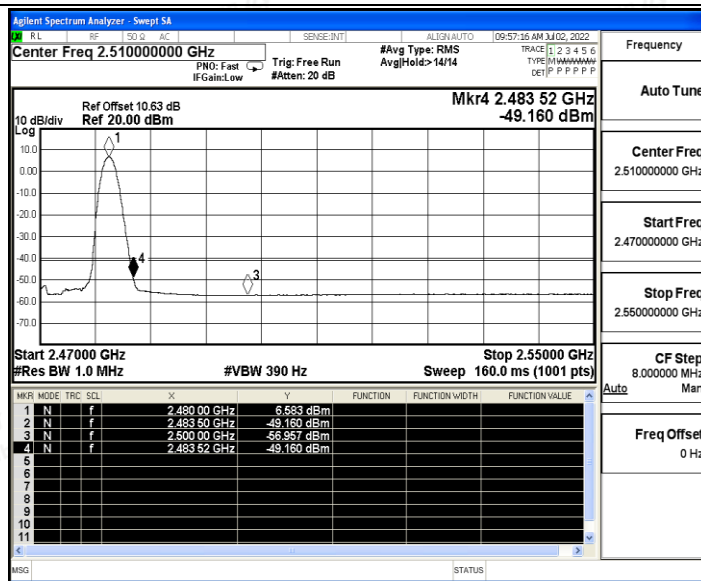


3DH5_Ant_Low_2402_Peak



3DH5_Ant_High_2480_AV





3DH5_Ant_High_2480_Peak

