



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: The tablet

Test Model: DS808

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

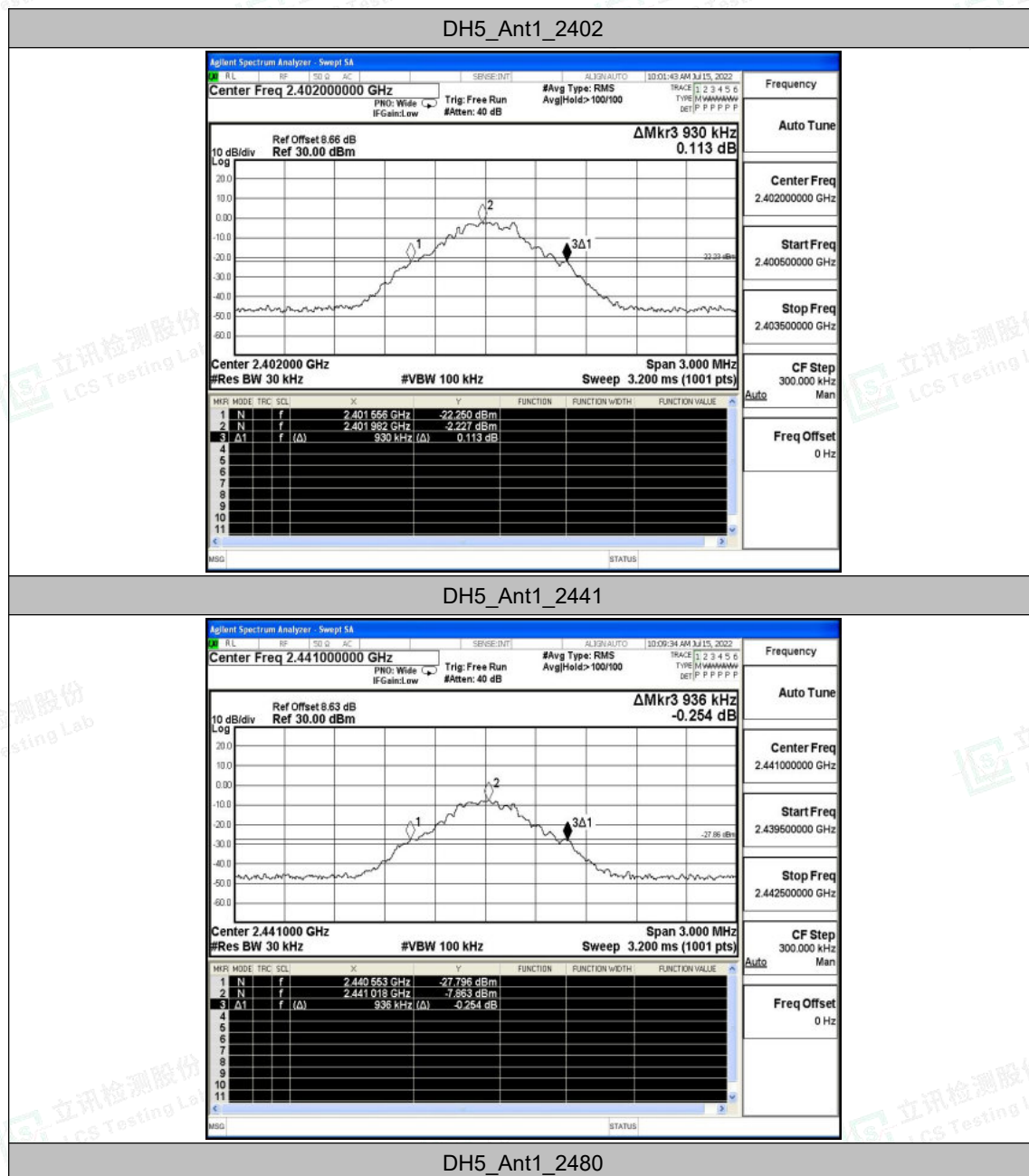
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.930	2401.556	2402.486	---
		2441	0.936	2440.553	2441.489	---
		2480	0.933	2479.562	2480.495	---
2DH5	Ant1	2402	1.287	2401.370	2402.657	---
		2441	1.503	2440.364	2441.867	---
		2480	1.284	2479.373	2480.657	---
3DH5	Ant1	2402	1.290	2401.358	2402.648	---
		2441	1.287	2440.358	2441.645	---
		2480	1.290	2479.352	2480.642	---





Test Graphs

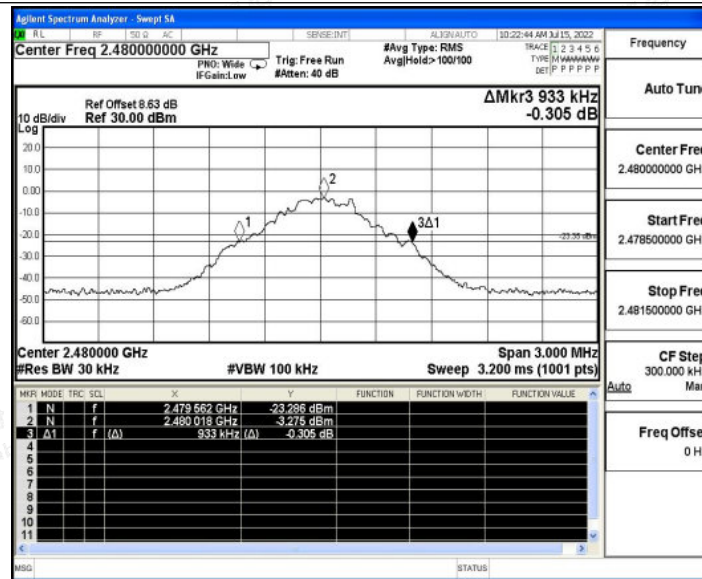


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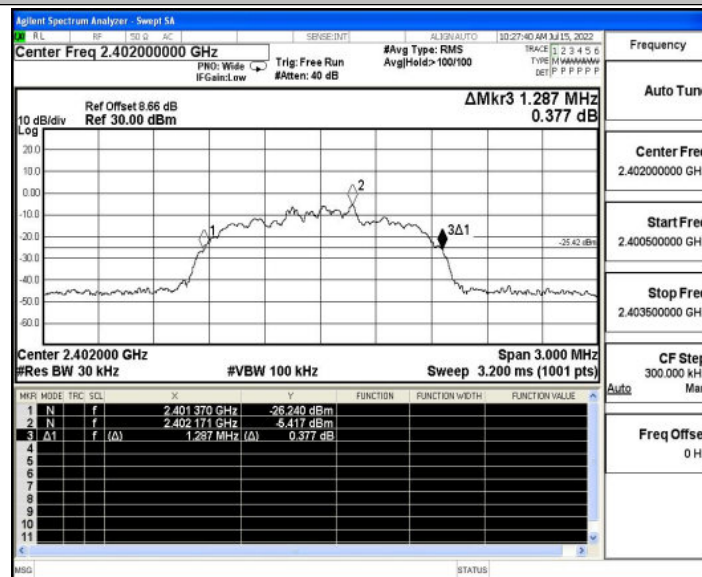
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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2DH5_Ant1_2402



2DH5_Ant1_2441

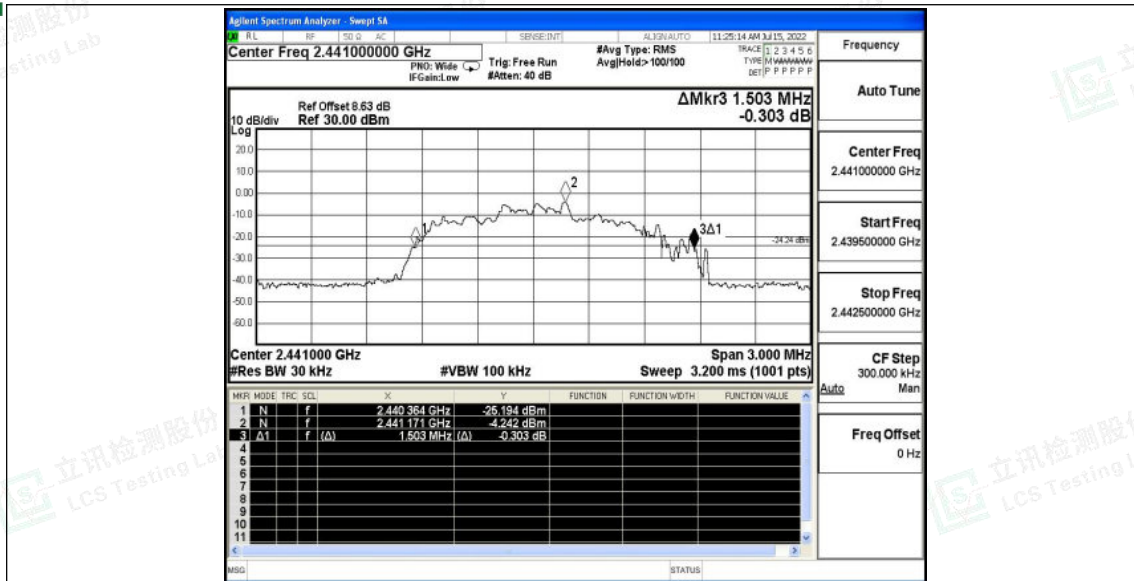


Shenzhen LCS Compliance Testing Laboratory Ltd.

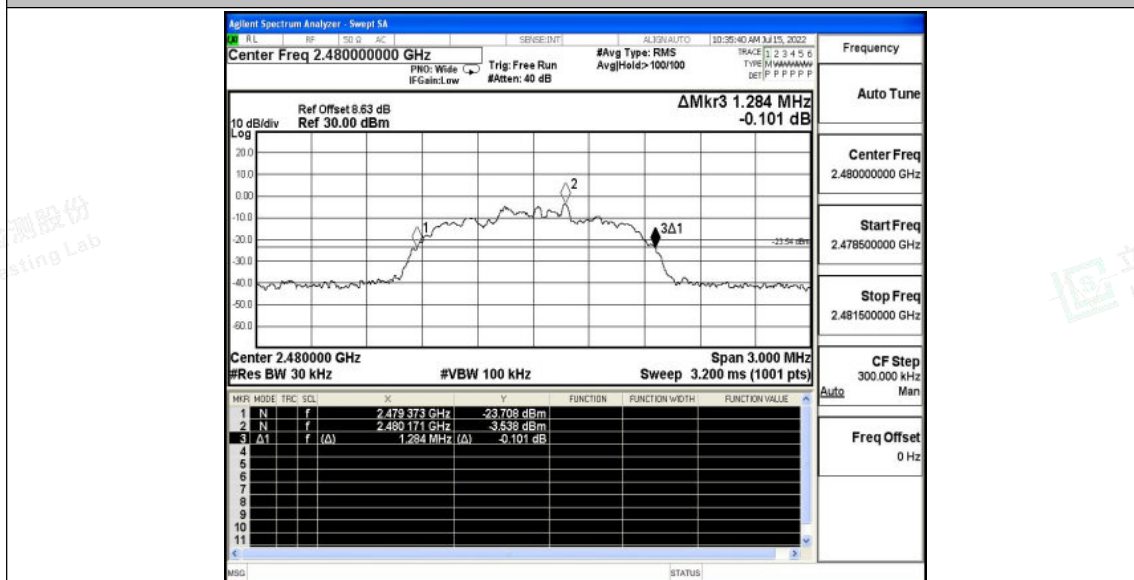
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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2DH5_Ant1_2480



3DH5_Ant1_2402

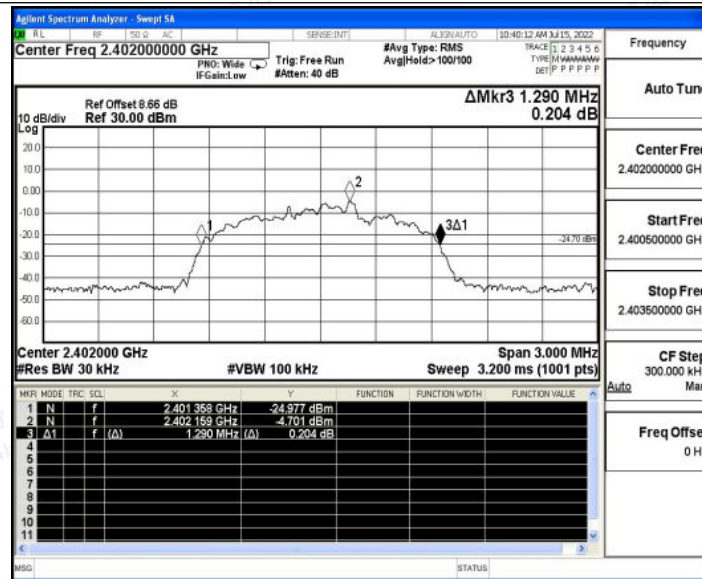


Shenzhen LCS Compliance Testing Laboratory Ltd.

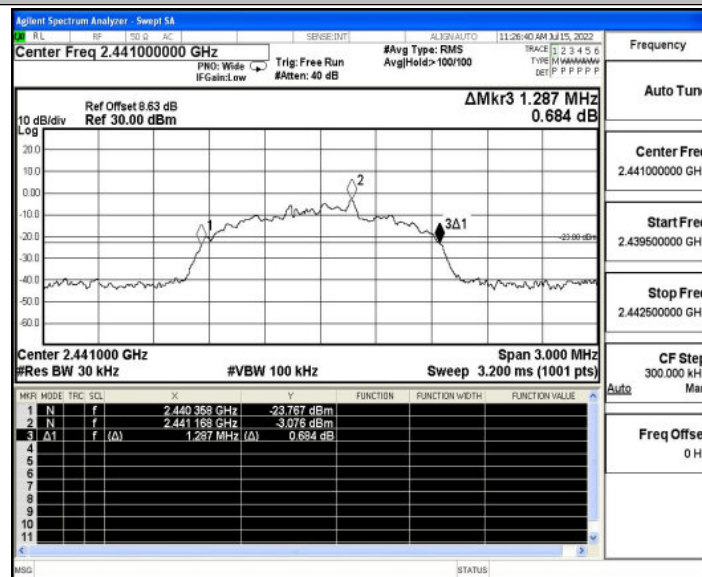
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3DH5_Ant1_2441



3DH5_Ant1_2480

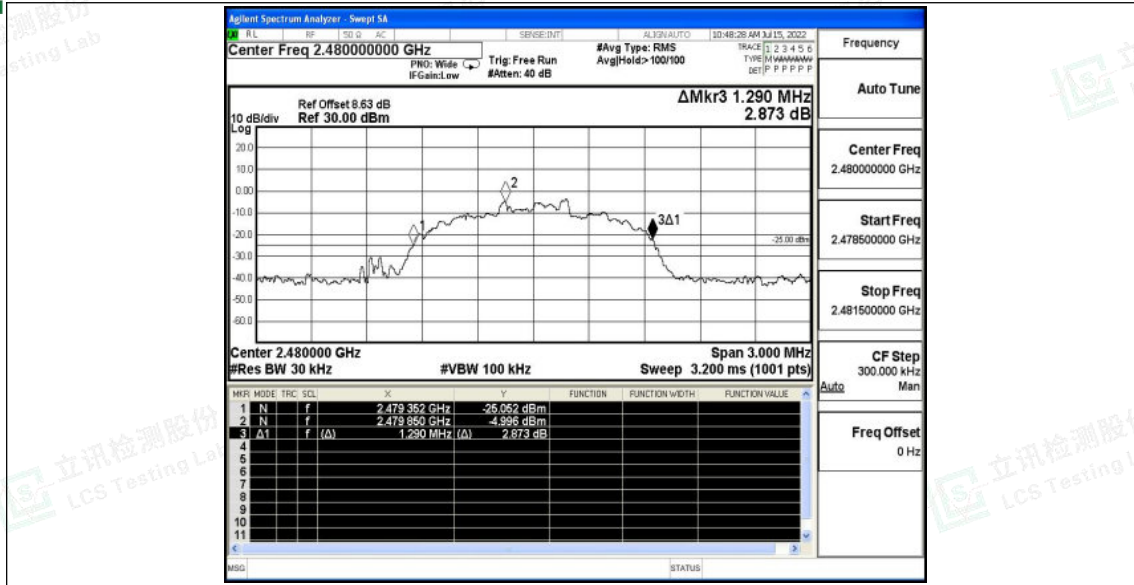


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A.2 Maximum conducted output power

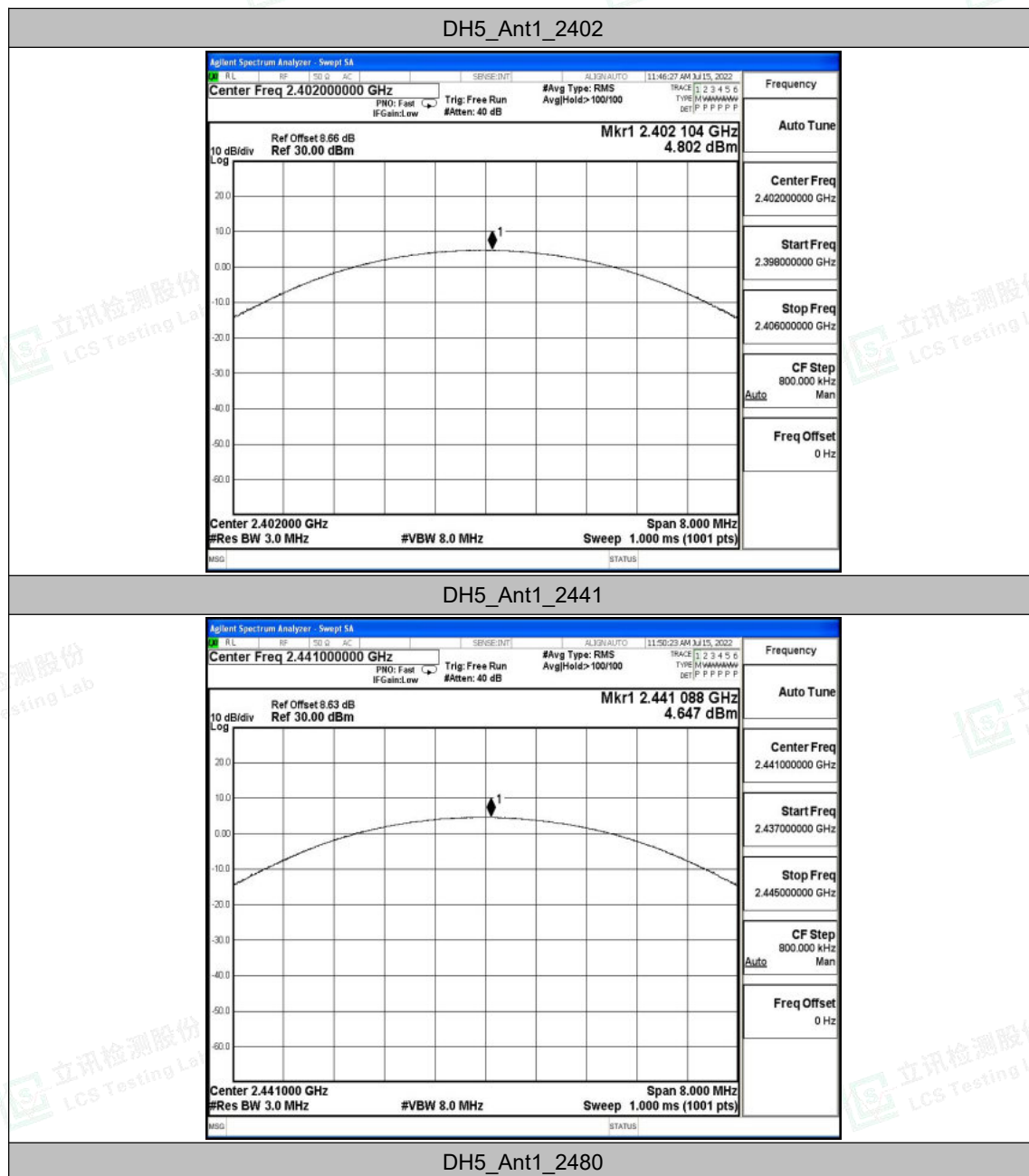
Test Result

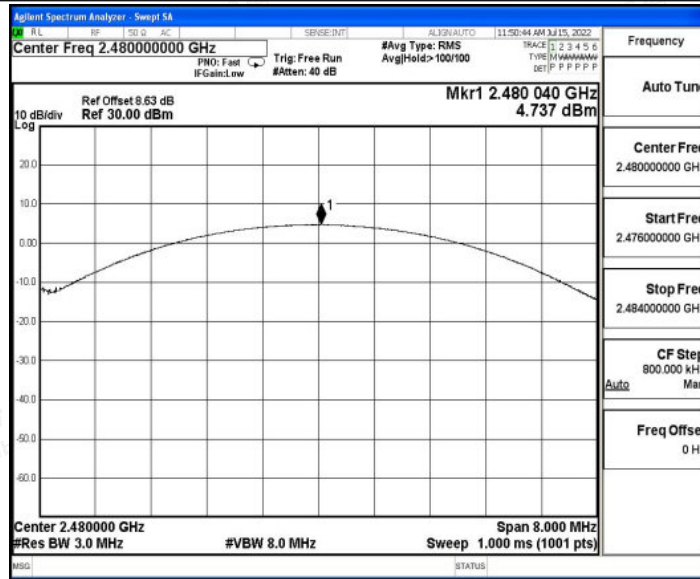
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	4.8	≤20.97	PASS
		2441	4.65	≤20.97	PASS
		2480	4.74	≤20.97	PASS
2DH5	Ant1	2402	4.04	≤20.97	PASS
		2441	4.7	≤20.97	PASS
		2480	4.68	≤20.97	PASS
3DH5	Ant1	2402	3.62	≤20.97	PASS
		2441	4.61	≤20.97	PASS
		2480	4.99	≤20.97	PASS



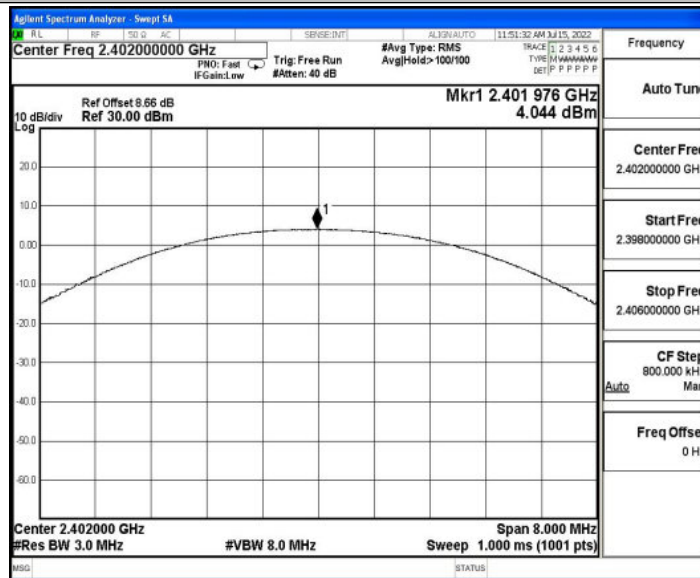


Test Graphs



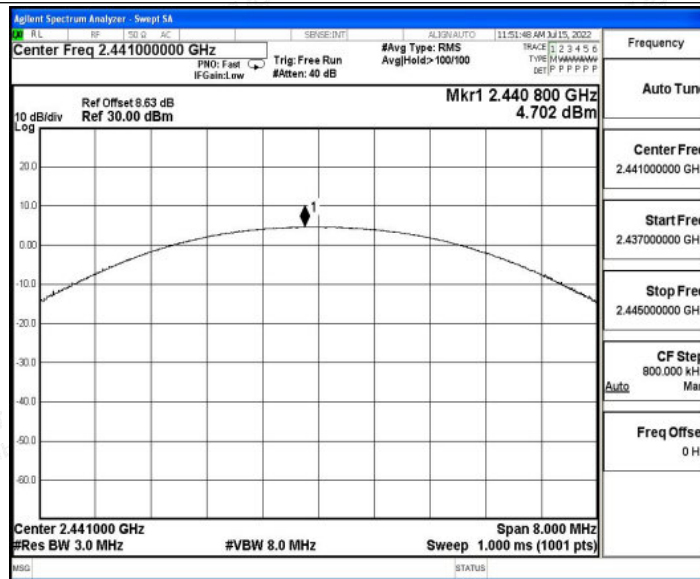


2DH5_Ant1_2402

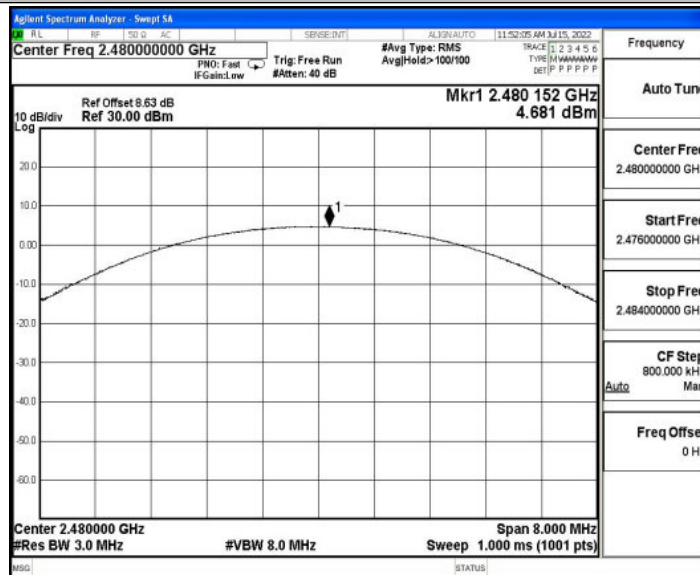


2DH5_Ant1_2441



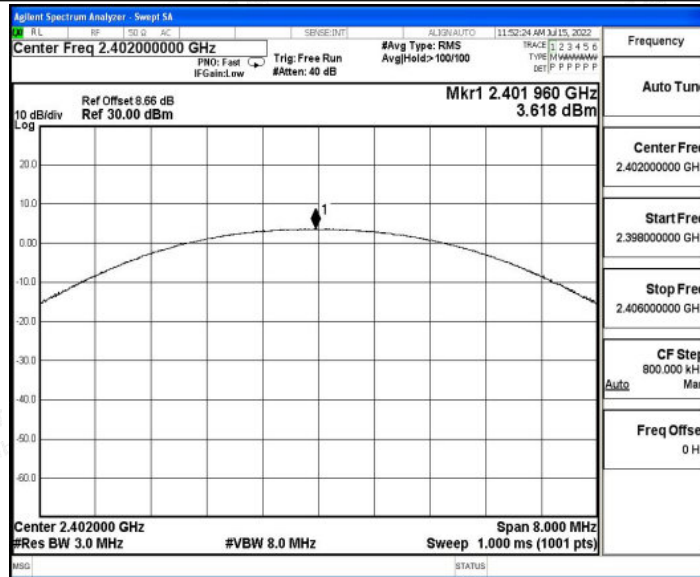


2DH5_Ant1_2480

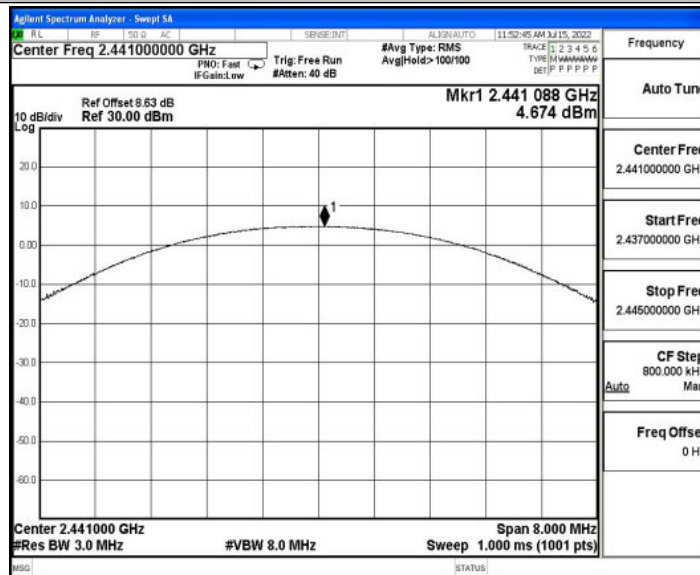


3DH5_Ant1_2402



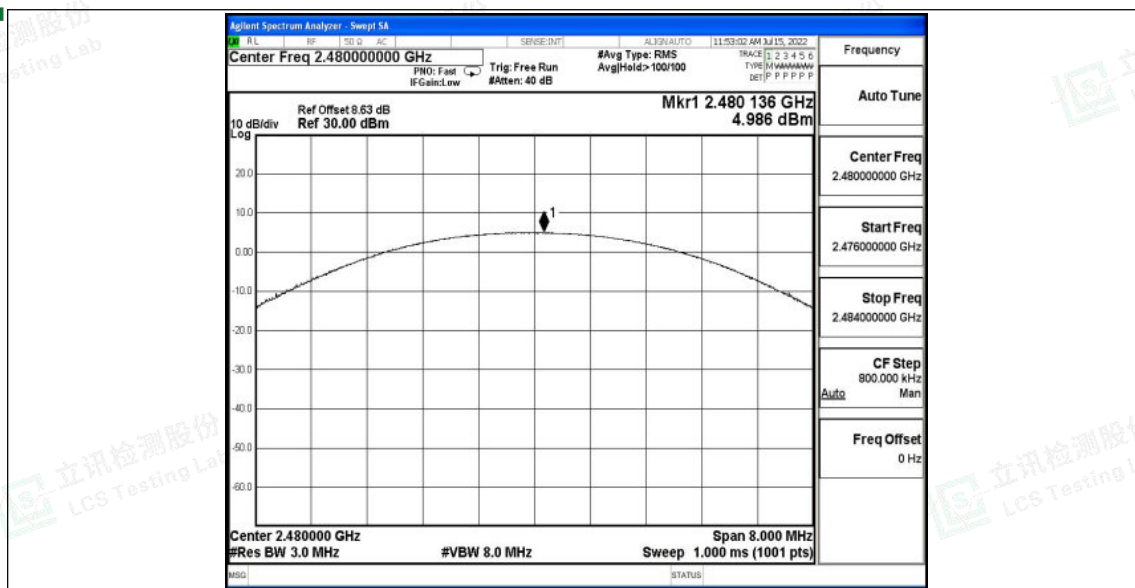


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

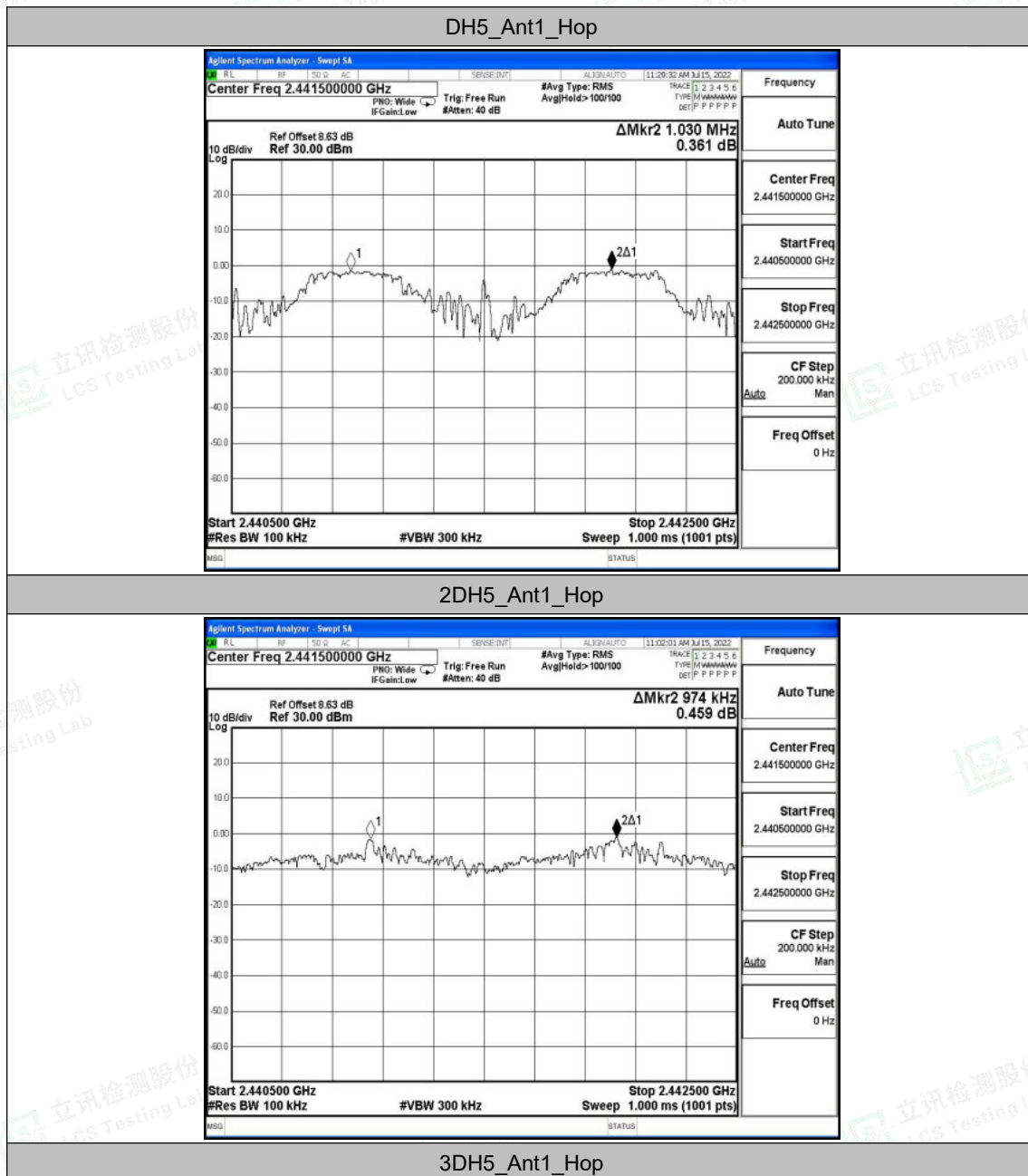
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.03	≥ 0.936	PASS
2DH5	Ant1	Hop	0.974	≥ 0.858	PASS
3DH5	Ant1	Hop	0.998	≥ 0.860	PASS





Test Graphs





A.4 Time of occupancy

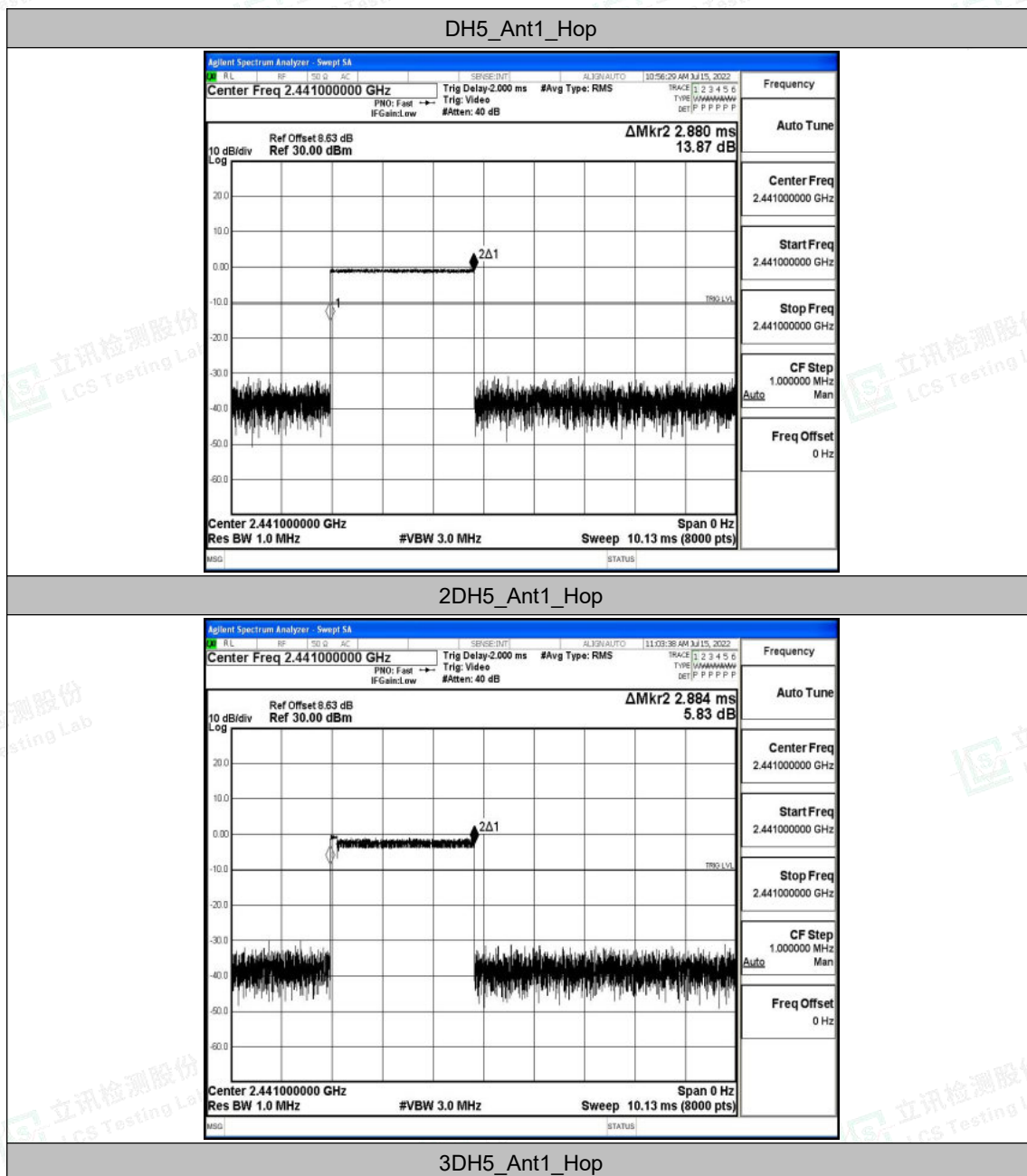
Test Result

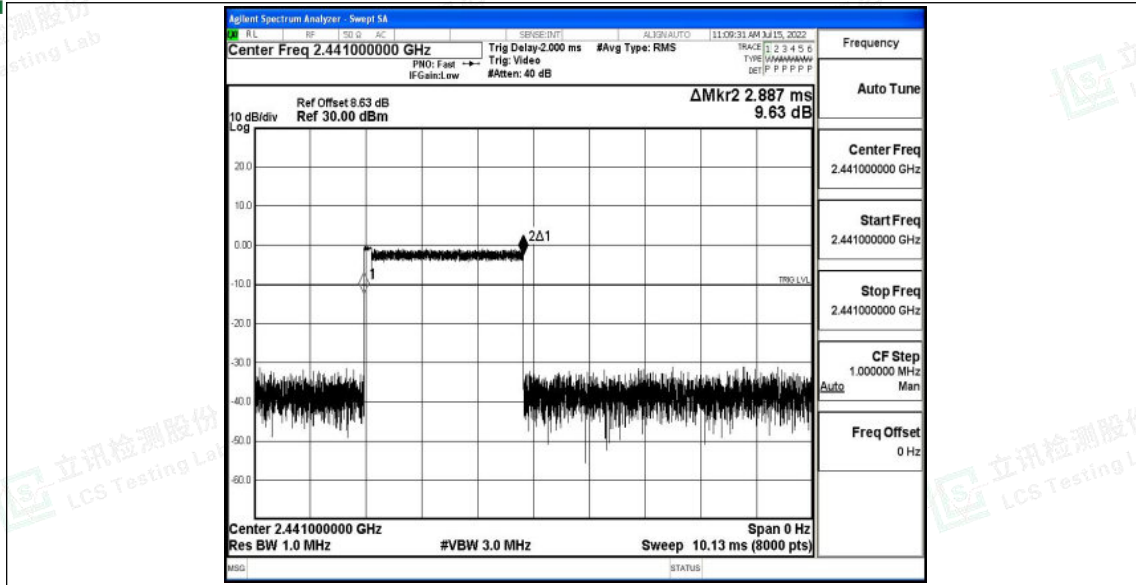
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.89	106.67	0.308	≤0.4	PASS





Test Graphs







A.5 Number of hopping channels

Test Result

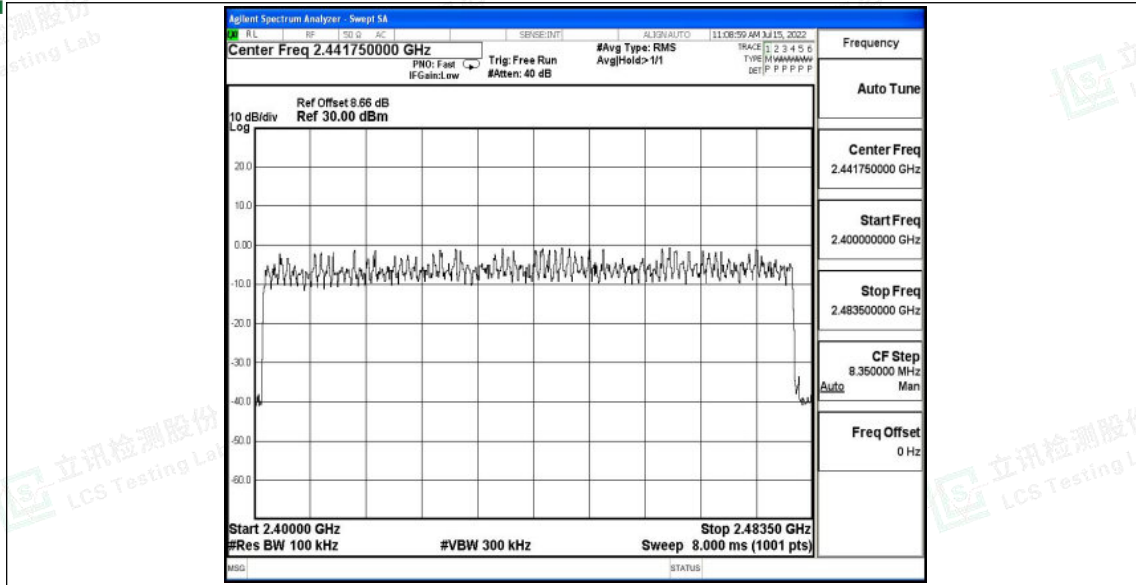
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

Test Result

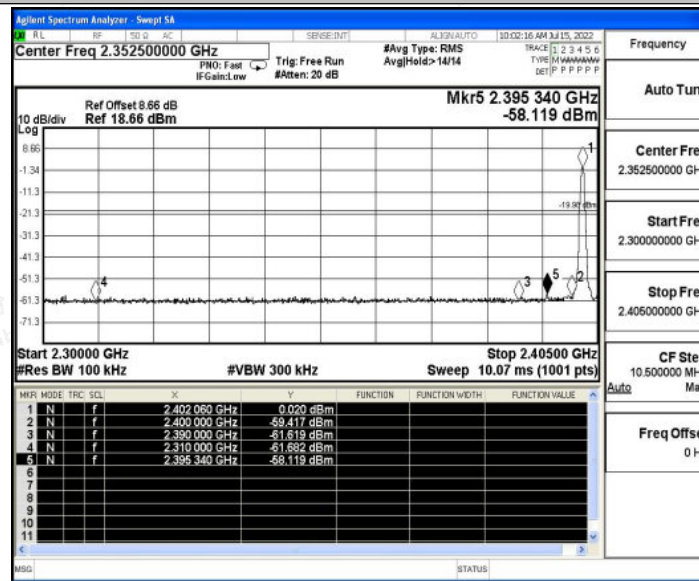
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.02	-58.12	≤-19.98	PASS
		High	2480	-0.84	-57.86	≤-20.84	PASS
		Low	Hop_2402	-2.38	-59.45	≤-22.38	PASS
		High	Hop_2480	-0.99	-57.34	≤-20.99	PASS
2DH5	Ant1	Low	2402	-2.41	-59.08	≤-22.41	PASS
		High	2480	-0.81	-57.97	≤-20.81	PASS
		Low	Hop_2402	-7.55	-59.26	≤-27.55	PASS
		High	Hop_2480	-1.64	-58.12	≤-21.64	PASS
3DH5	Ant1	Low	2402	-4.07	-58.46	≤-24.07	PASS
		High	2480	-0.83	-57.71	≤-20.83	PASS
		Low	Hop_2402	-4.60	-58.94	≤-24.6	PASS
		High	Hop_2480	-0.95	-57.94	≤-20.95	PASS



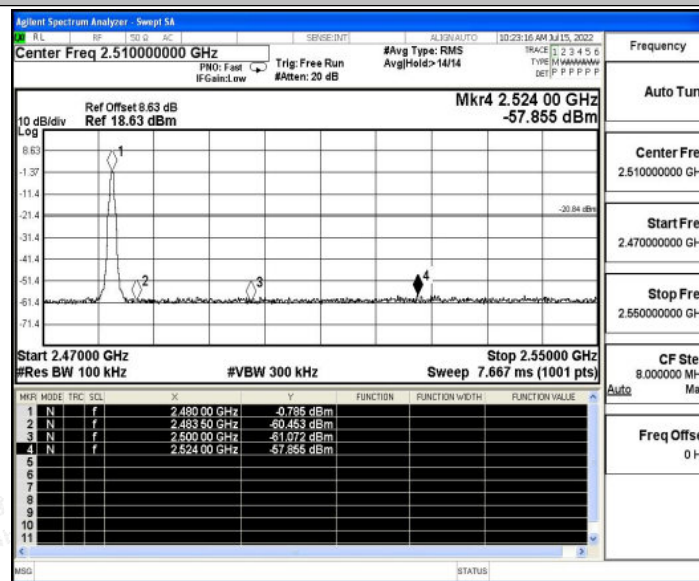


Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402

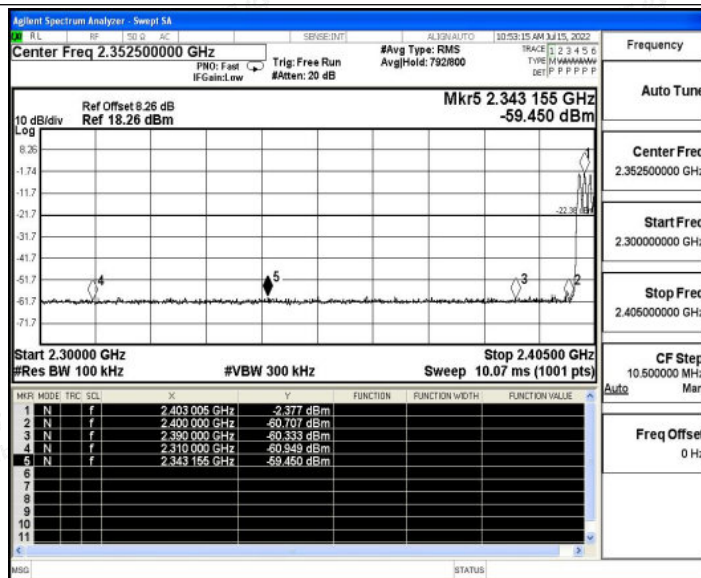


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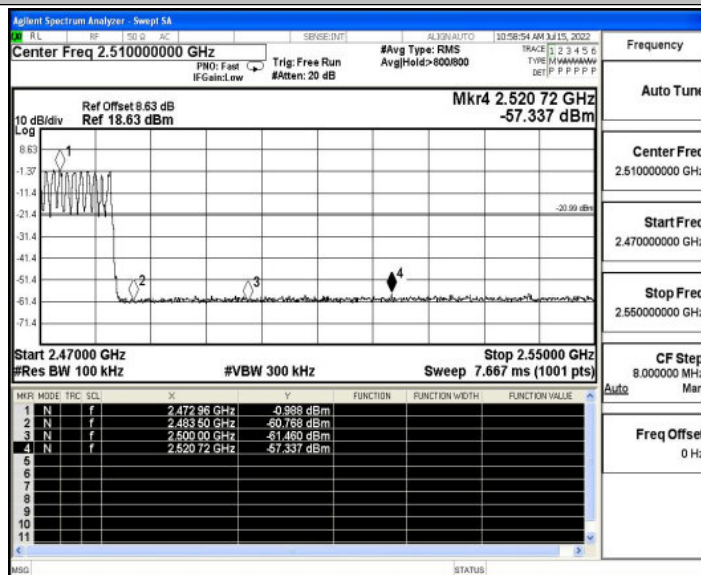
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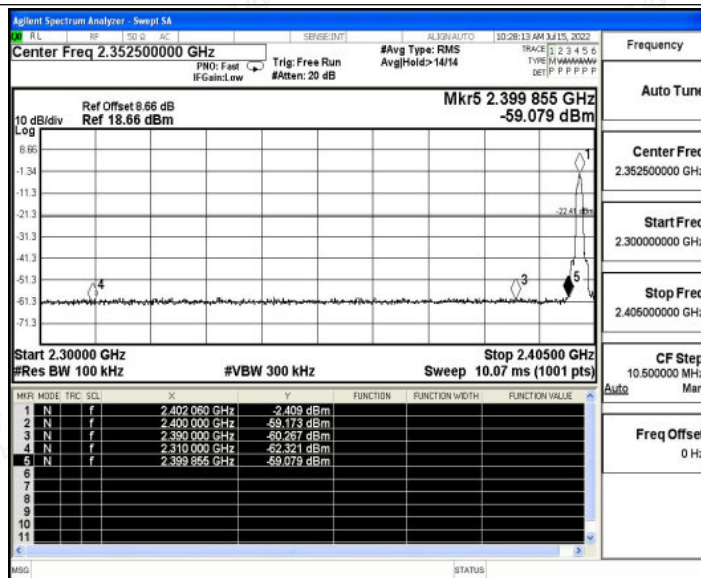


DH5_Ant1_High_Hop_2480

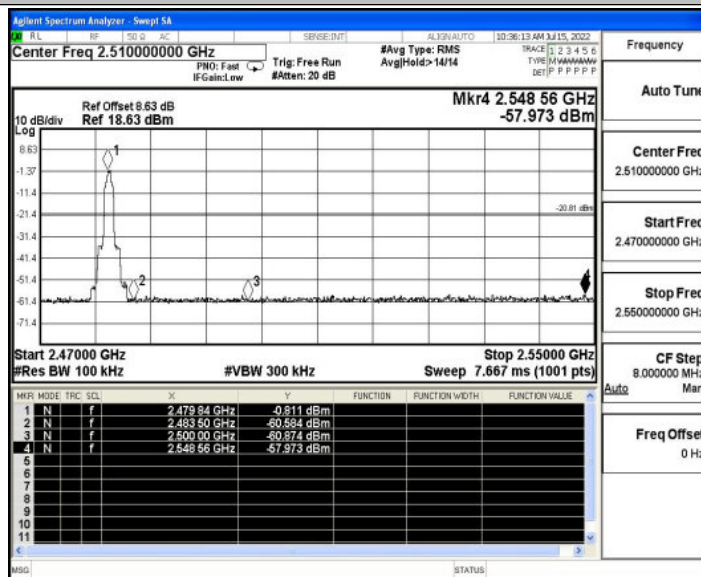


2DH5_Ant1_Low_2402



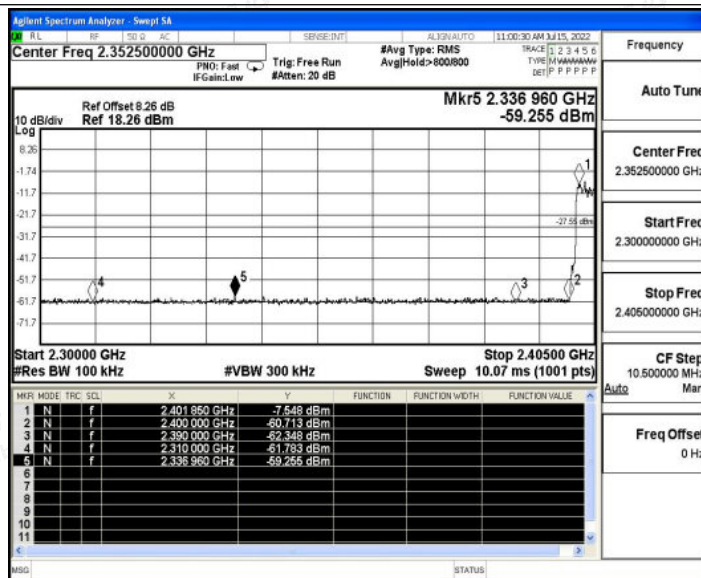


2DH5_Ant1_High_2480

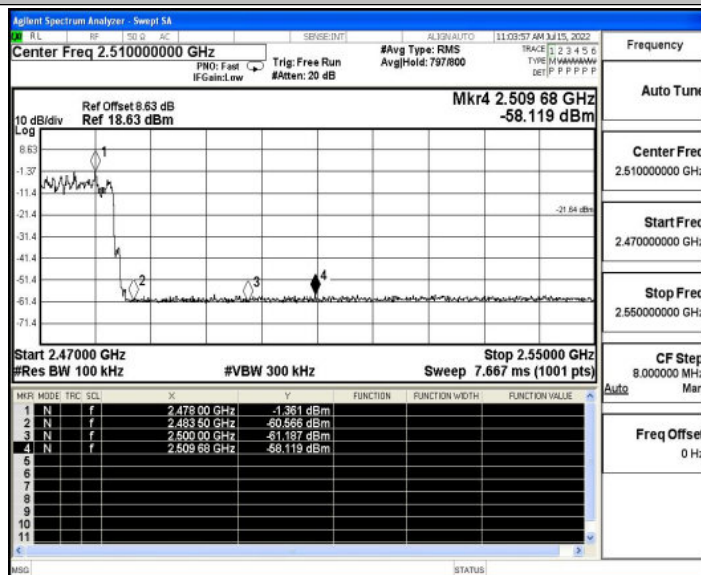


2DH5_Ant1_Low_Hop_2402



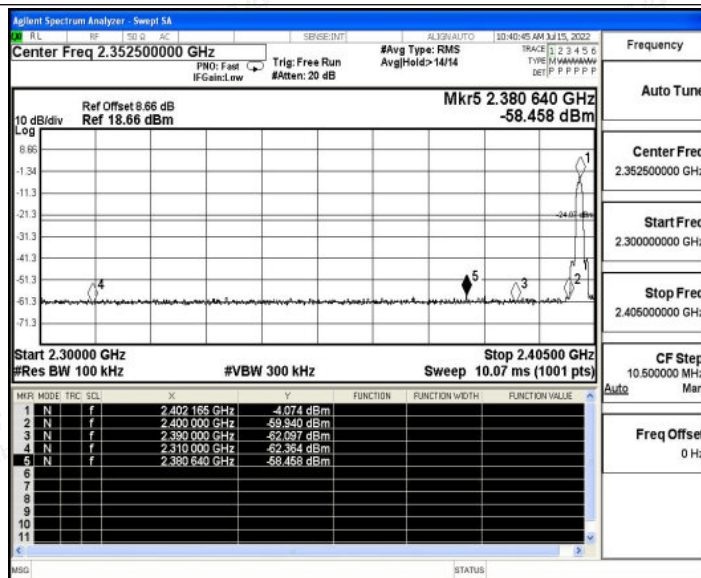


2DH5_Ant1_High_Hop_2480

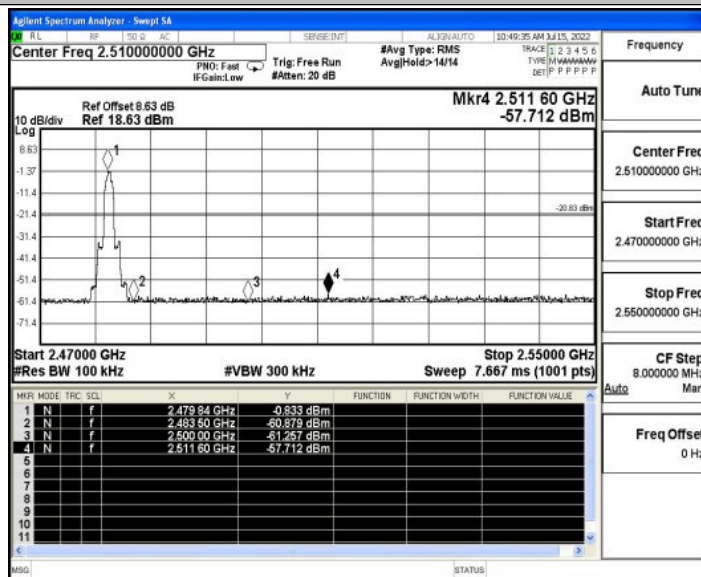


3DH5_Ant1_Low_2402



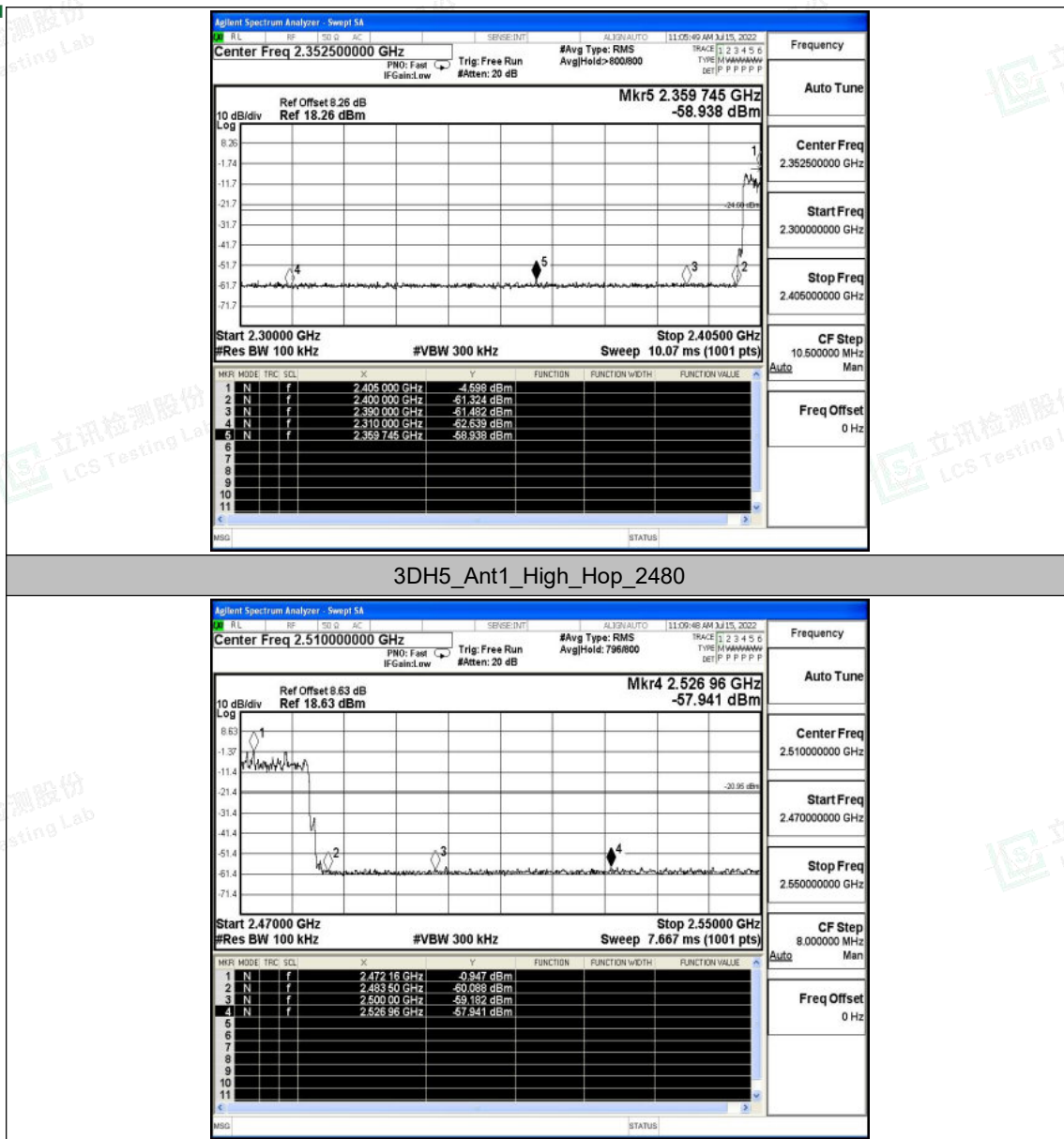


3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402







A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-60	≤-19.94	PASS
			1000~26500	0.06	-46.36	≤-19.94	PASS
		2441	Reference	-1.34	-1.34	---	PASS
			30~1000	-1.34	-54.11	≤-21.34	PASS
			1000~26500	-1.34	-46.37	≤-21.34	PASS
		2480	Reference	-1.00	-1.00	---	PASS
			30~1000	-1.00	-49.15	≤-21	PASS
			1000~26500	-1.00	-45.6	≤-21	PASS
2DH5	Ant1	2402	Reference	-1.81	-1.81	---	PASS
			30~1000	-1.81	-60.91	≤-21.81	PASS
			1000~26500	-1.81	-46.49	≤-21.81	PASS
		2441	Reference	-1.06	-1.06	---	PASS
			30~1000	-1.06	-46.86	≤-21.06	PASS
			1000~26500	-1.06	-45.82	≤-21.06	PASS
		2480	Reference	-0.67	-0.67	---	PASS
			30~1000	-0.67	-60.94	≤-20.67	PASS
			1000~26500	-0.67	-45.94	≤-20.67	PASS
3DH5	Ant1	2402	Reference	-1.95	-1.95	---	PASS
			30~1000	-1.95	-60.31	≤-21.95	PASS
			1000~26500	-1.95	-46.21	≤-21.95	PASS
		2441	Reference	-0.97	-0.97	---	PASS
			30~1000	-0.97	-60.59	≤-20.97	PASS
			1000~26500	-0.97	-46.27	≤-20.97	PASS
		2480	Reference	-0.57	-0.57	---	PASS
			30~1000	-0.57	-42.17	≤-20.57	PASS
			1000~26500	-0.57	-46.38	≤-20.57	PASS



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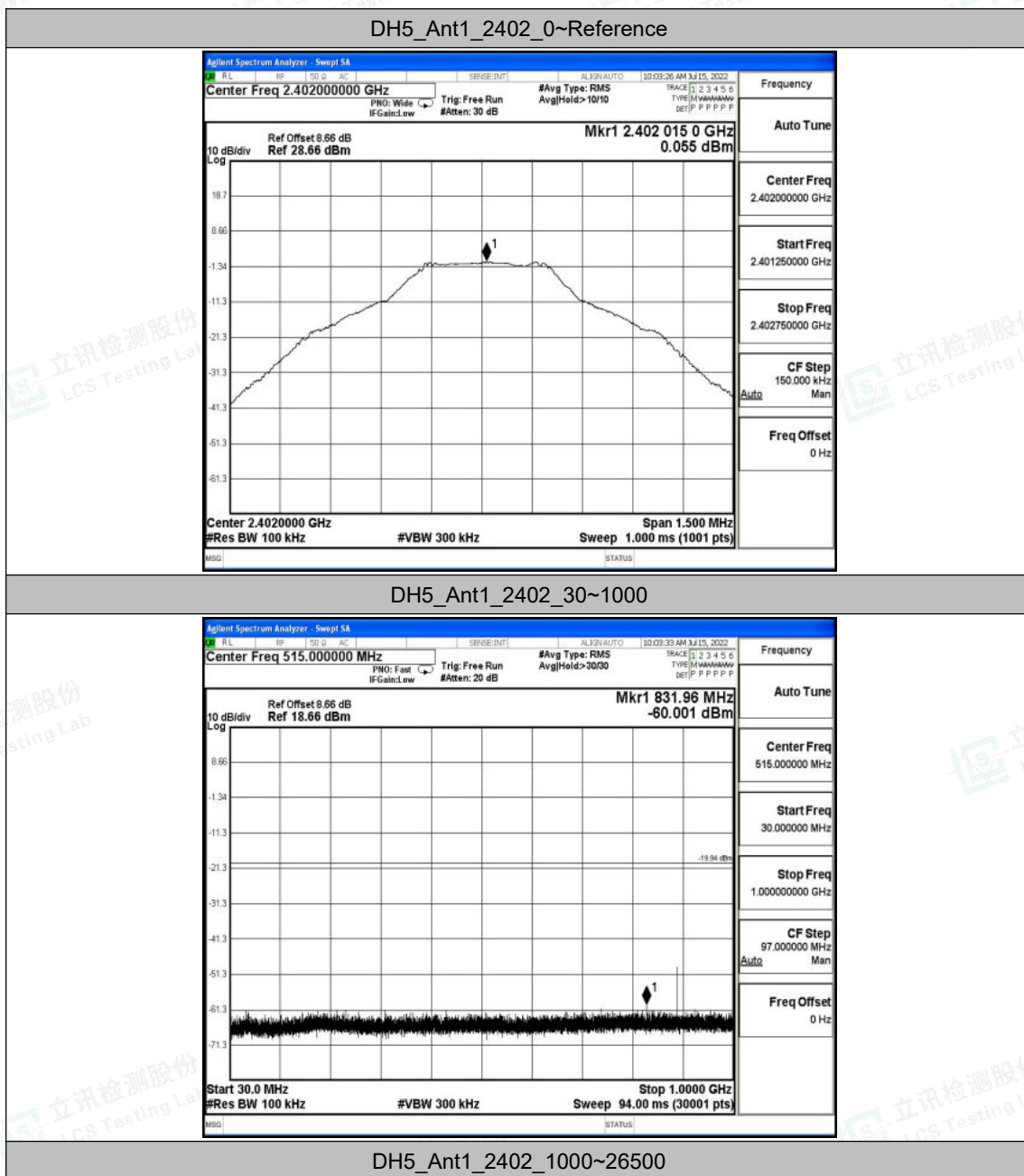
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Test Graphs

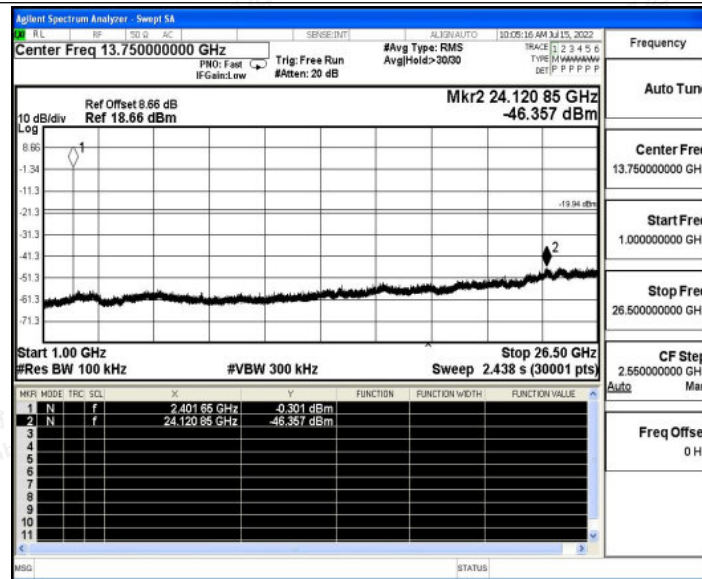


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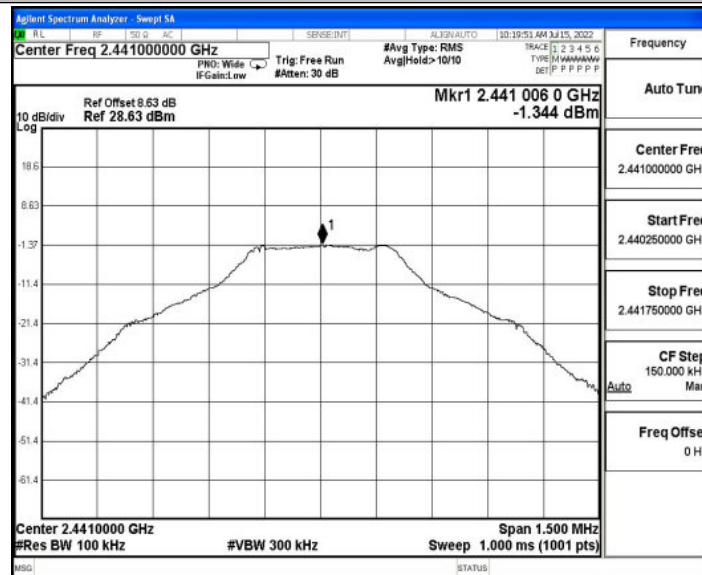
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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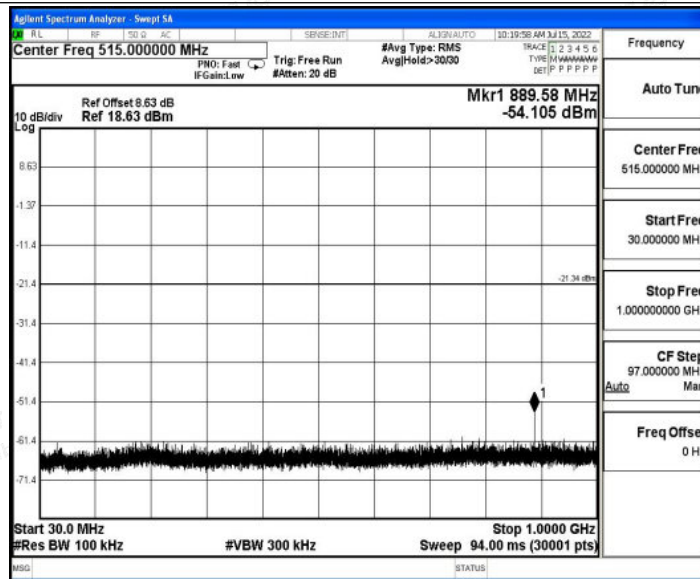


DH5_Ant1_2441_0~Reference

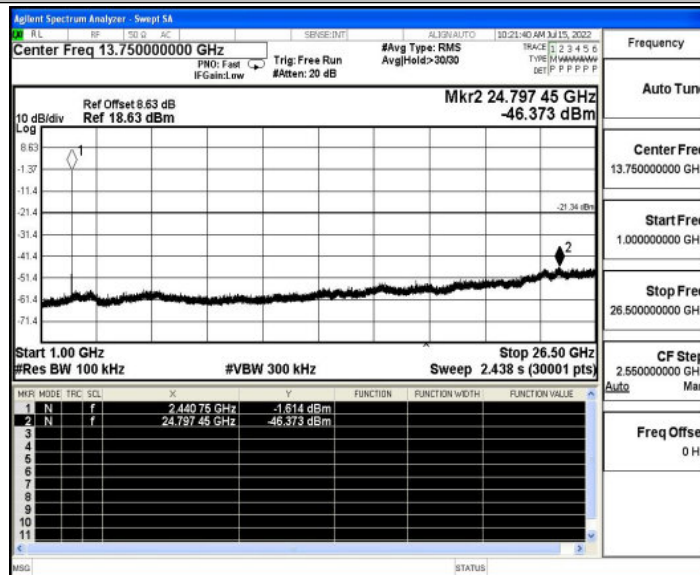


DH5_Ant1_2441_30~1000



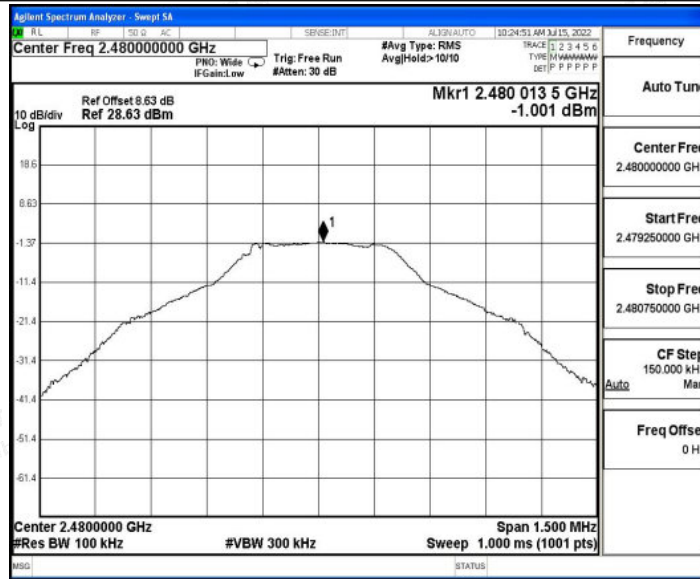


DH5_Ant1_2441_1000~26500

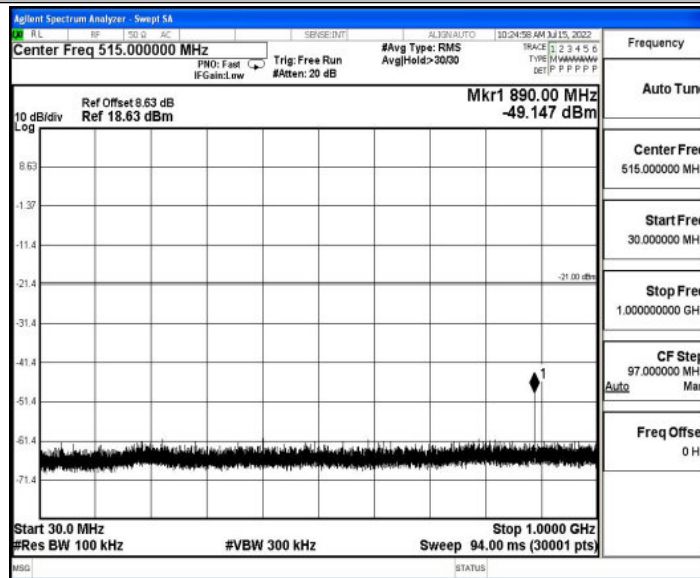


DH5_Ant1_2480_0~Reference



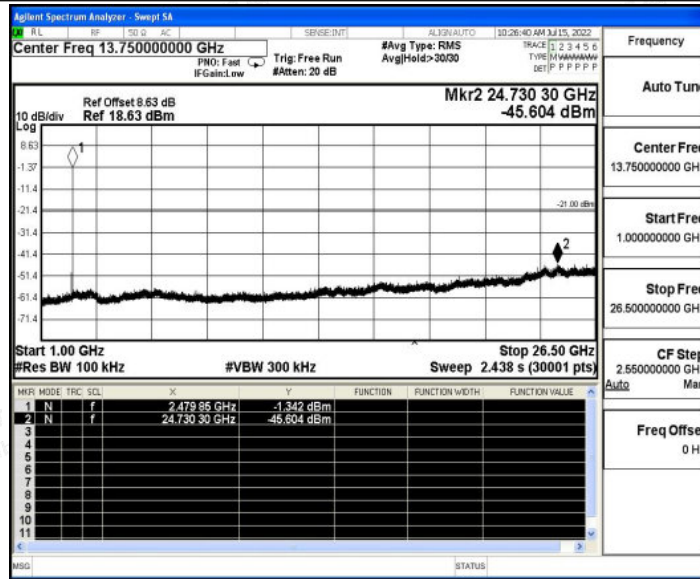


DH5_Ant1_2480_30~1000

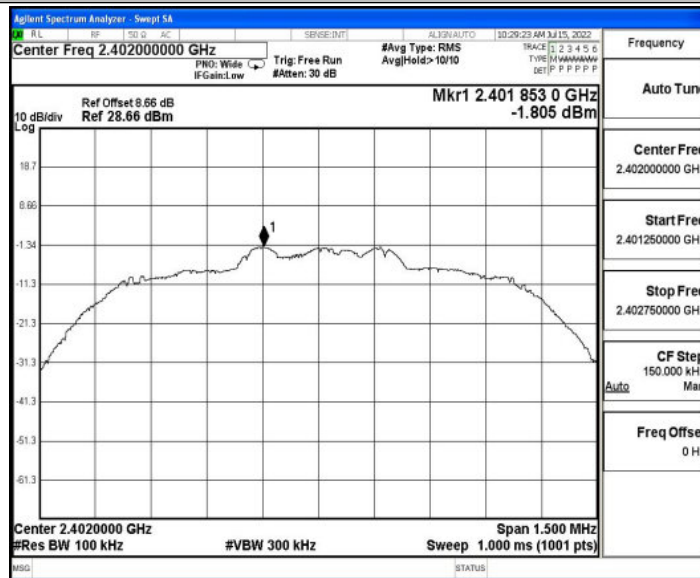


DH5_Ant1_2480_1000~26500



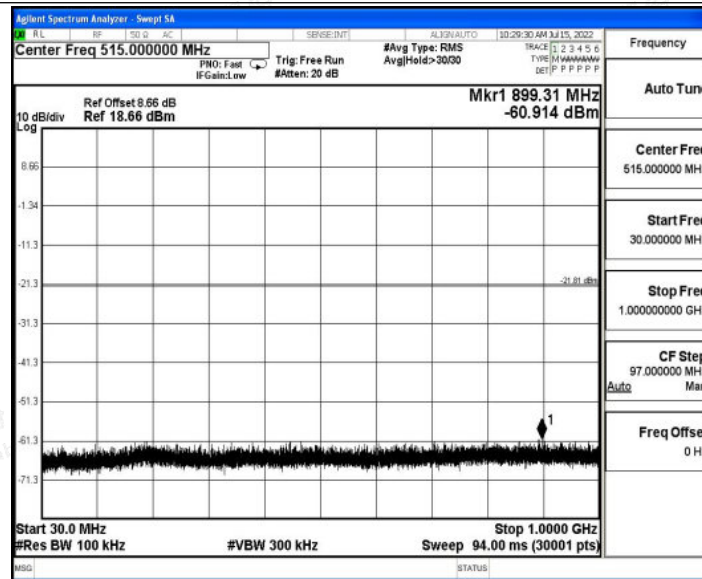


2DH5_Ant1_2402_0~Reference

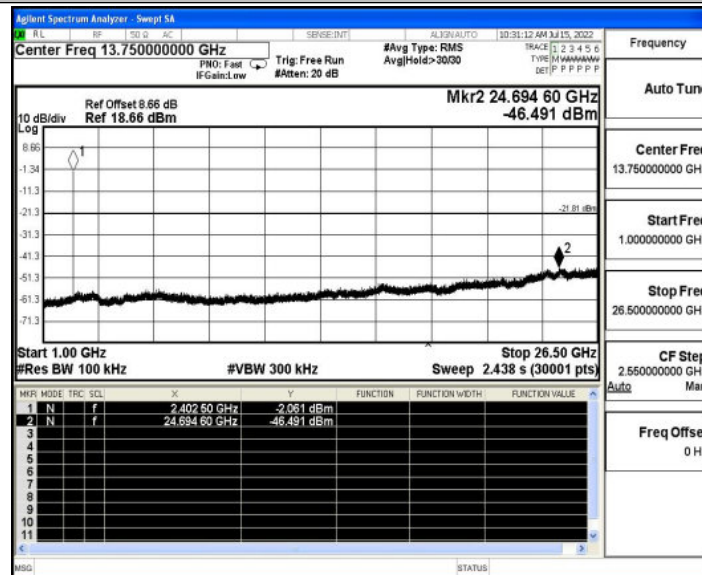


2DH5_Ant1_2402_30~1000



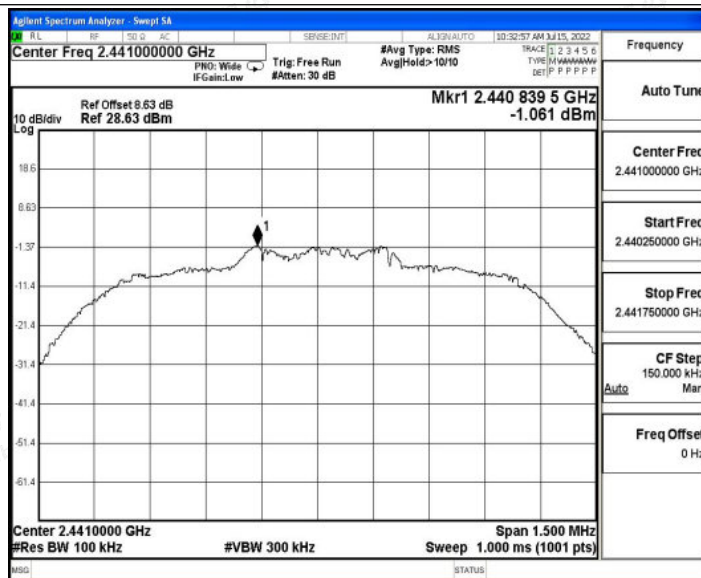


2DH5_Ant1_2402_1000~26500

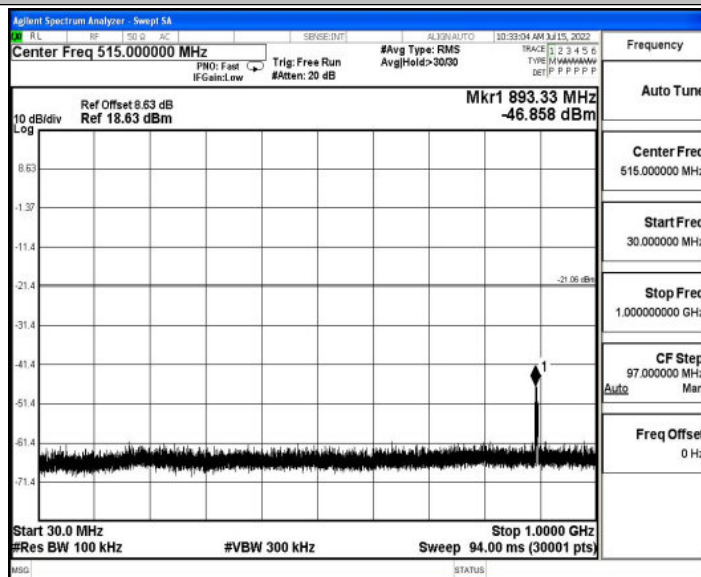


2DH5_Ant1_2441_0~Reference



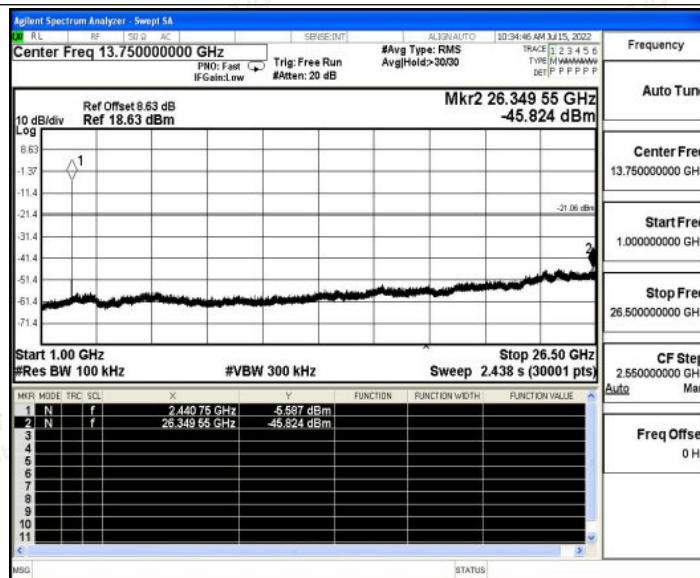


2DH5_Ant1_2441_30~1000

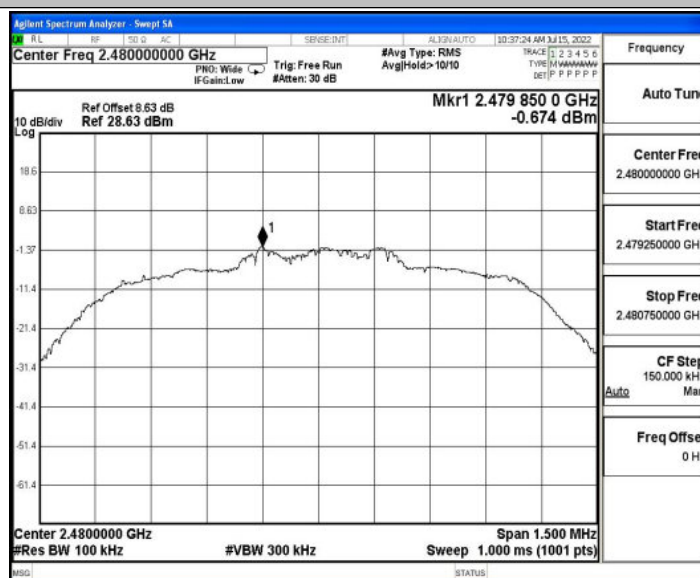


2DH5_Ant1_2441_1000~26500



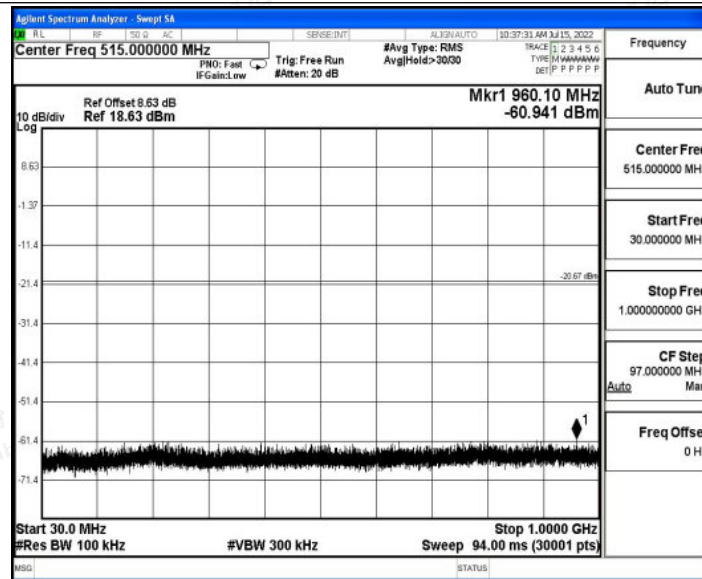


2DH5_Ant1_2480_0~Reference

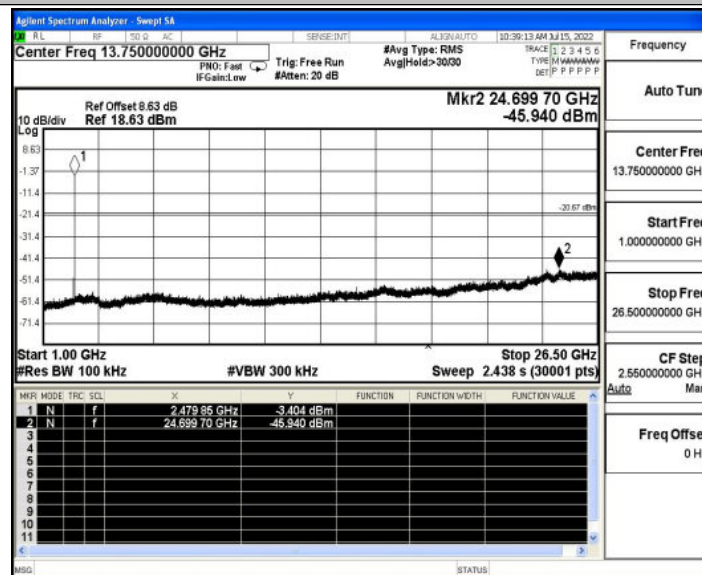


2DH5_Ant1_2480_30~1000



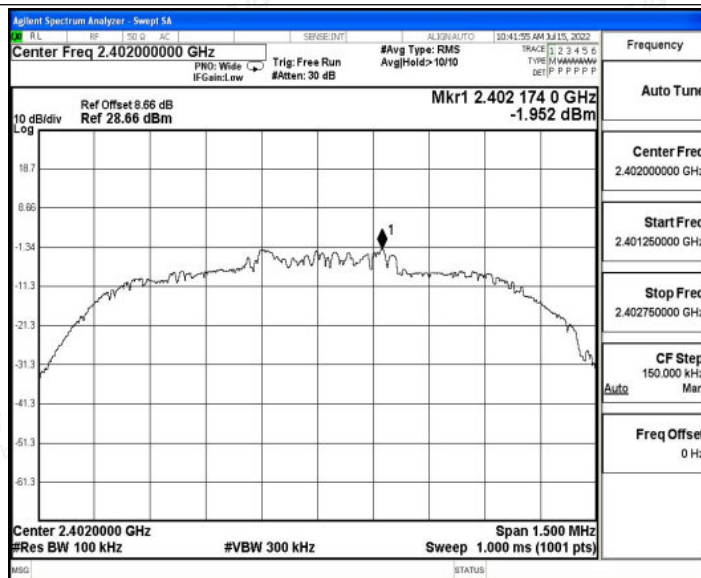


2DH5_Ant1_2480_1000~26500

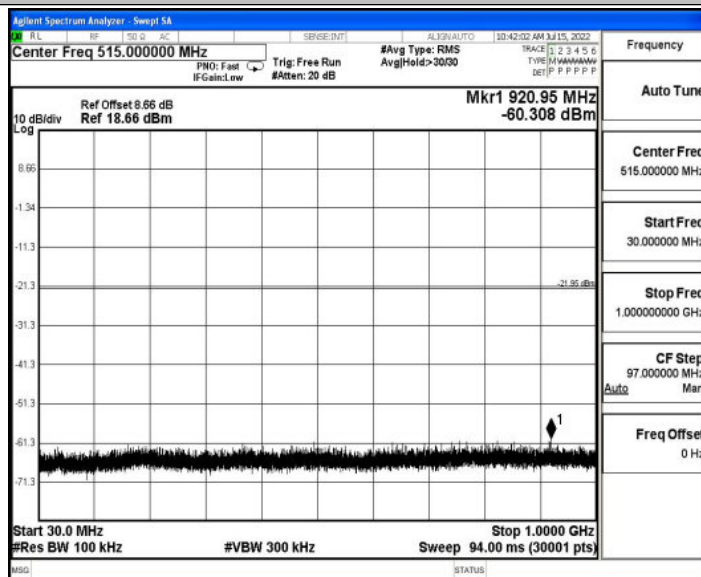


3DH5_Ant1_2402_0~Reference



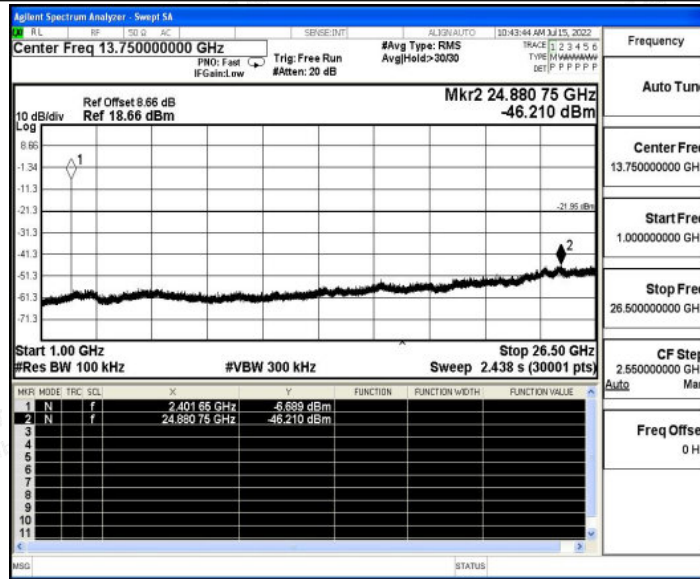


3DH5_Ant1_2402_30~1000

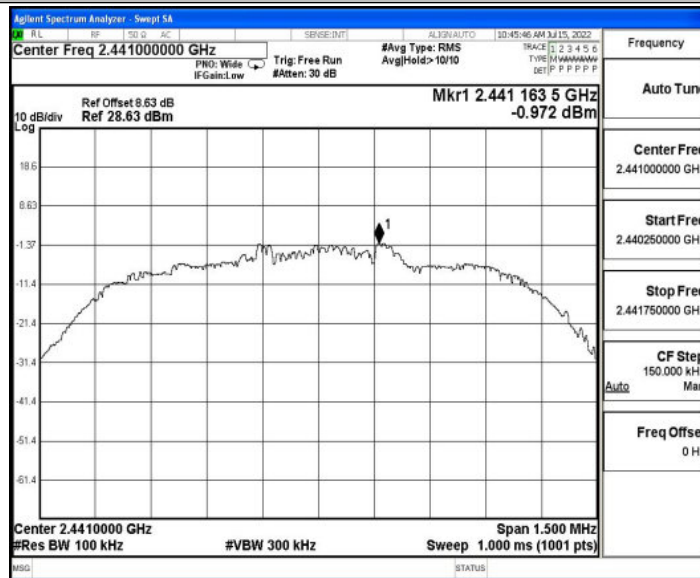


3DH5_Ant1_2402_1000~26500



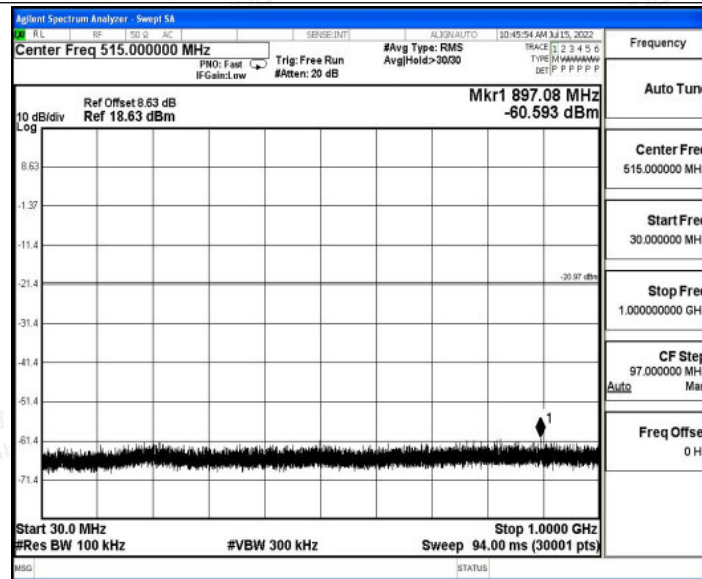


3DH5_Ant1_2441_0~Reference

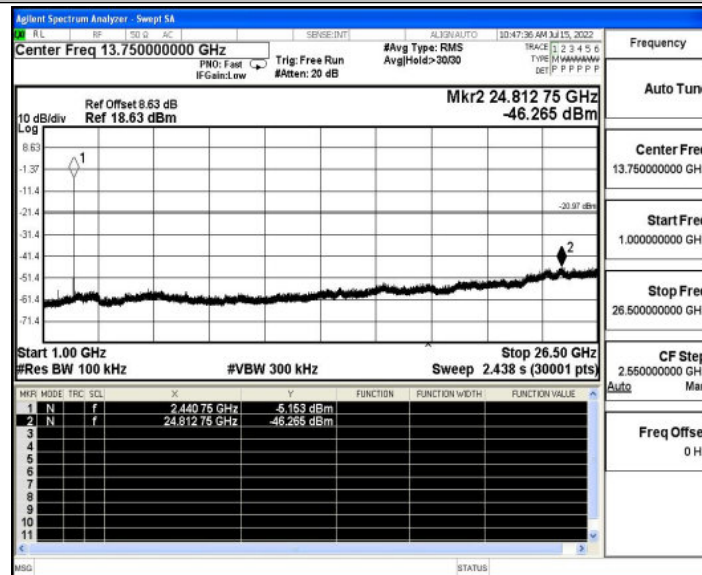


3DH5_Ant1_2441_30~1000



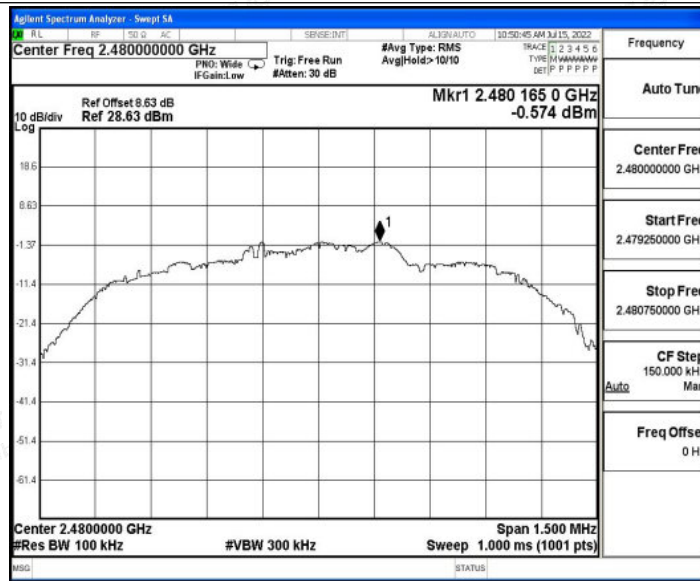


3DH5_Ant1_2441_1000~26500

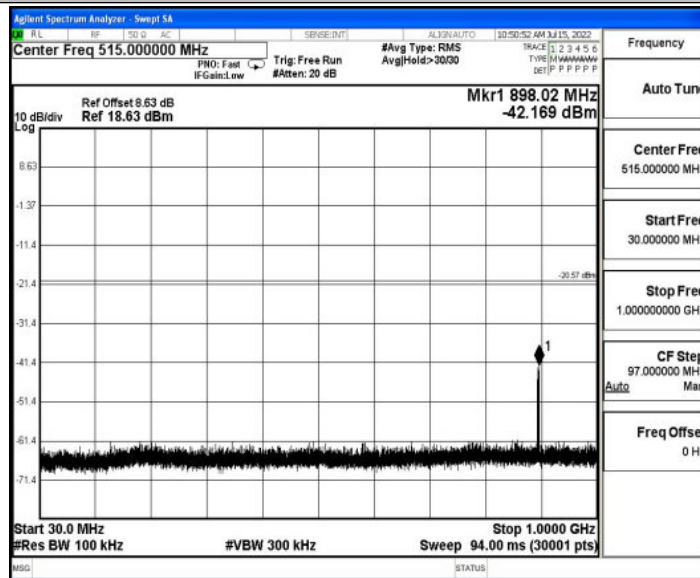


3DH5_Ant1_2480_0~Reference



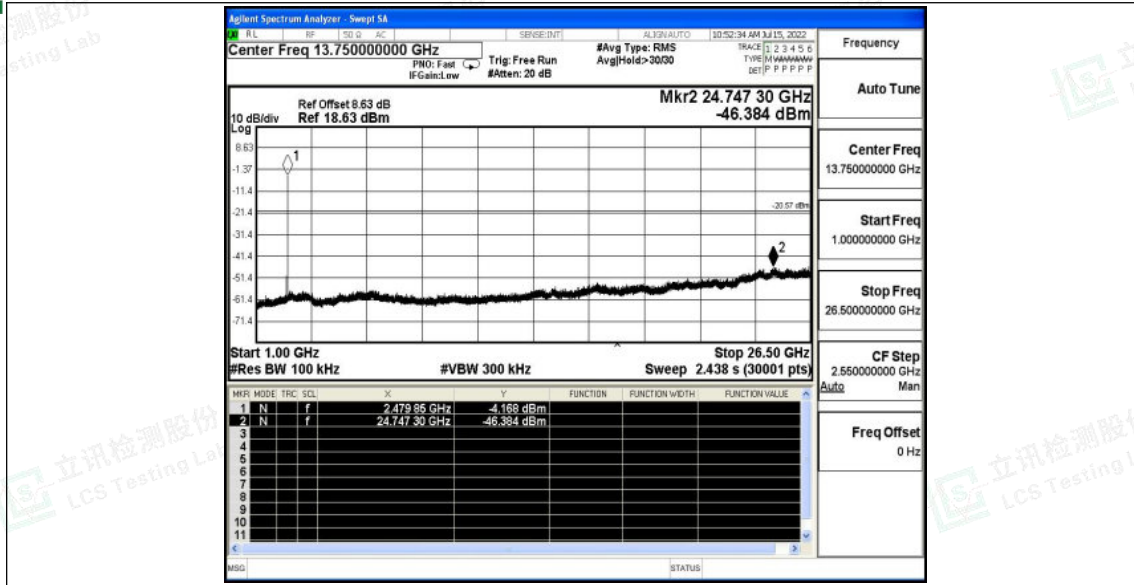


3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500







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	-58.27	≤-41.20	36.93	≤54	PASS
				AV	2384.210	-57.67	≤-41.20	37.53	≤54	PASS
				AV	2390.000	-57.81	≤-41.20	37.39	≤54	PASS
				Peak	2310.000	-48.93	≤-21.20	46.27	≤74	PASS
				Peak	2335.910	-45.68	≤-21.20	49.52	≤74	PASS
				Peak	2390.000	-48.17	≤-21.20	47.03	≤74	PASS
		High	2480	AV	2483.500	-55.99	≤-41.20	39.21	≤54	PASS
				AV	2483.520	-55.99	≤-41.20	39.21	≤54	PASS
				AV	2500.000	-57.22	≤-41.20	37.98	≤54	PASS
				Peak	2483.500	-48.03	≤-21.20	47.17	≤74	PASS
				Peak	2489.280	-46.06	≤-21.20	49.14	≤74	PASS
				Peak	2500.000	-47.84	≤-21.20	47.36	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-49.74	≤-21.20	45.46	≤74	PASS
				Peak	2388.410	-46.8	≤-21.20	48.40	≤74	PASS
				Peak	2390.000	-49.03	≤-21.20	46.17	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-47.3	≤-21.20	47.90	≤74	PASS
				Peak	2486.560	-44.85	≤-21.20	50.35	≤74	PASS
				Peak	2500.000	-48.41	≤-21.20	46.79	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-58.13	≤-41.20	37.07	≤54	PASS
				AV	2384.945	-57.37	≤-41.20	37.83	≤54	PASS
				AV	2390.000	-57.74	≤-41.20	37.46	≤54	PASS
				Peak	2310.000	-49.25	≤-21.20	45.95	≤74	PASS
				Peak	2377.910	-46.27	≤-21.20	48.93	≤74	PASS
				Peak	2390.000	-48.88	≤-21.20	46.32	≤74	PASS
		High	2480	AV	2483.500	-54.2	≤-41.20	41.00	≤54	PASS
				AV	2483.520	-54.2	≤-41.20	41.00	≤54	PASS
				AV	2500.000	-57.25	≤-41.20	37.95	≤54	PASS
				Peak	2483.500	-47.17	≤-21.20	48.03	≤74	PASS
				Peak	2493.920	-46.02	≤-21.20	49.18	≤74	PASS
				Peak	2500.000	-47.89	≤-21.20	47.31	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-49.1	≤-21.20	46.10	≤74	PASS
				Peak	2333.915	-47.27	≤-21.20	47.93	≤74	PASS
				Peak	2390.000	-48.01	≤-21.20	47.19	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-47.23	≤-21.20	47.97	≤74	PASS
				Peak	2497.840	-46.39	≤-21.20	48.81	≤74	PASS



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3DH5	Ant1	Low	2402	Peak	2500.000	-48.17	≤-21.20	47.03	≤74	PASS
				AV	2310.000	-57.97	≤-41.20	37.23	≤54	PASS
				AV	2385.890	-57.42	≤-41.20	37.78	≤54	PASS
				AV	2390.000	-57.62	≤-41.20	37.58	≤54	PASS
				Peak	2310.000	-49	≤-21.20	46.20	≤74	PASS
				Peak	2370.980	-46.39	≤-21.20	48.81	≤74	PASS
		High	2480	Peak	2390.000	-48.15	≤-21.20	47.05	≤74	PASS
				AV	2483.500	-55.35	≤-41.20	39.85	≤54	PASS
				AV	2483.520	-55.56	≤-41.20	39.64	≤54	PASS
				AV	2500.000	-57.12	≤-41.20	38.08	≤54	PASS
				Peak	2483.500	-47.68	≤-21.20	47.52	≤74	PASS
				Peak	2489.440	-46.42	≤-21.20	48.78	≤74	PASS
		Low	Hop_24 02	Peak	2500.000	-47.9	≤-21.20	47.30	≤74	PASS
				Peak	2310.000	-49.89	≤-21.20	45.31	≤74	PASS
				Peak	2386.520	-46.7	≤-21.20	48.50	≤74	PASS
		High	Hop_24 80	Peak	2390.000	-48.99	≤-21.20	46.21	≤74	PASS
				Peak	2483.500	-47.03	≤-21.20	48.17	≤74	PASS
				Peak	2497.840	-46.53	≤-21.20	48.67	≤74	PASS
				Peak	2500.000	-47.11	≤-21.20	48.09	≤74	PASS

Note:

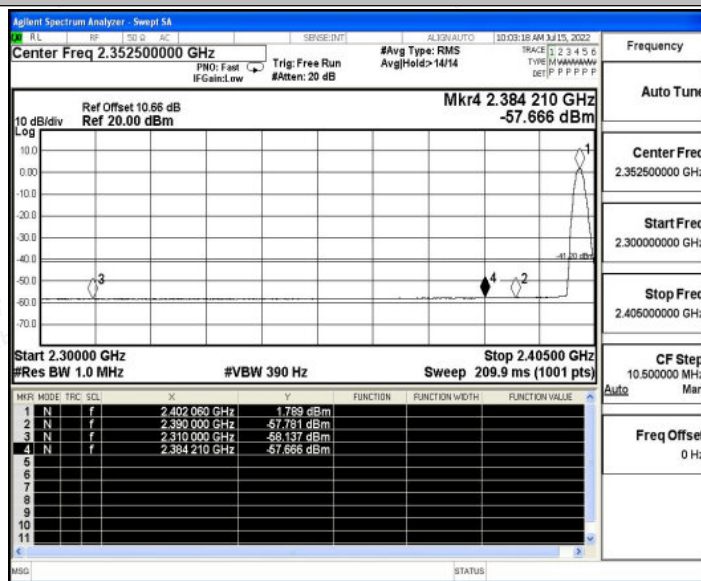
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



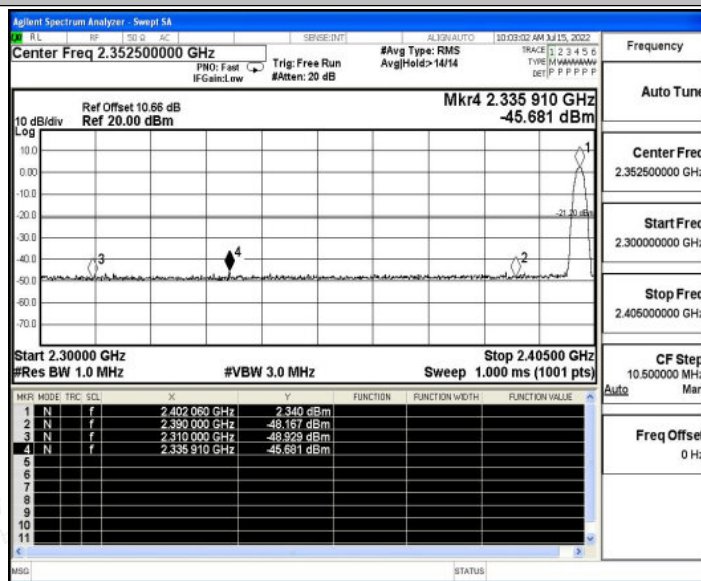


Test Graphs

DH5_Ant1_Low_2402_AV



DH5_Ant1_Low_2402_Peak



DH5_Ant1_High_2480_AV

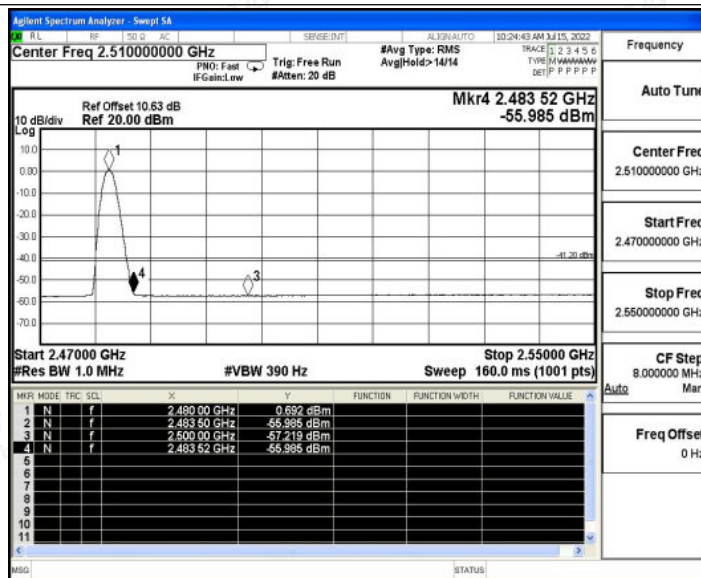


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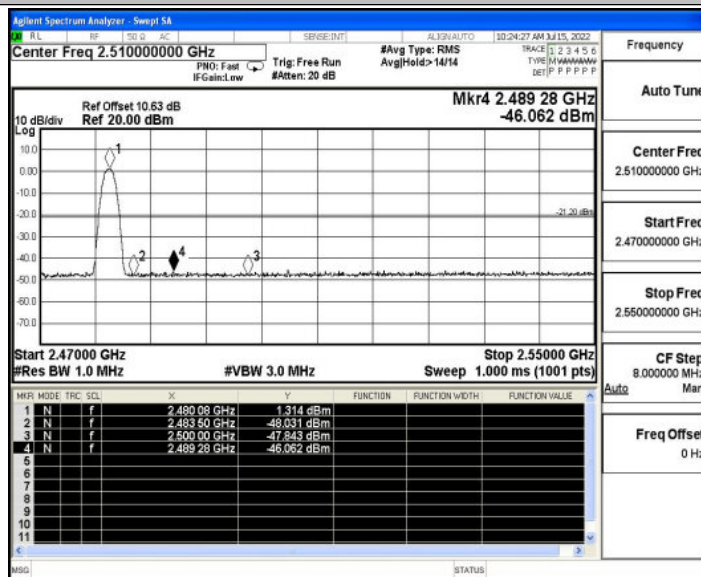
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DH5_Ant1_High_2480_Peak



DH5_Ant1_Low_Hop_2402_Peak

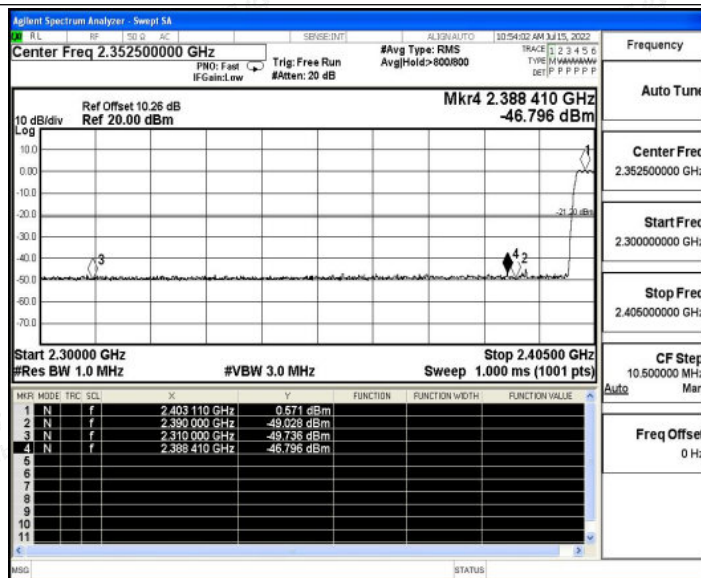


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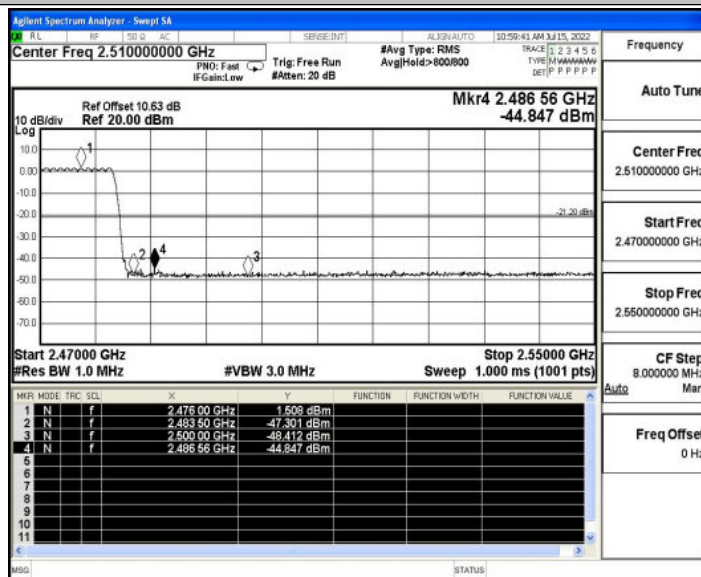
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DH5_Ant1_High_Hop_2480_Peak



2DH5_Ant1_Low_2402_AV

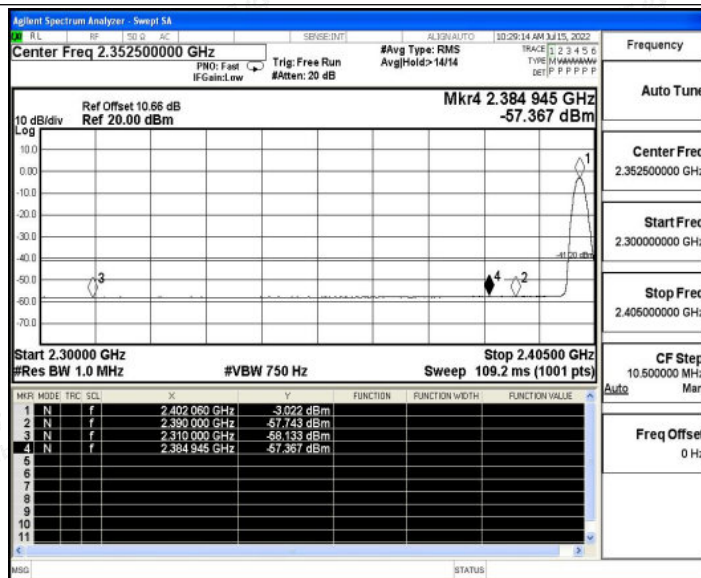


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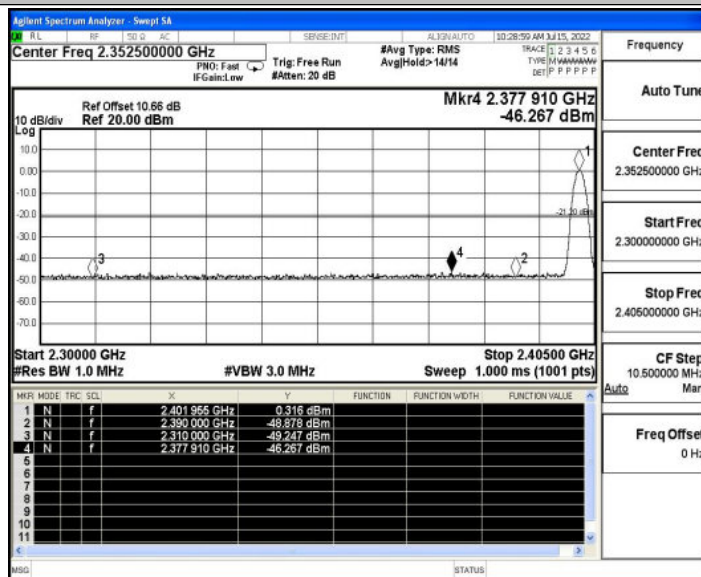
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2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV

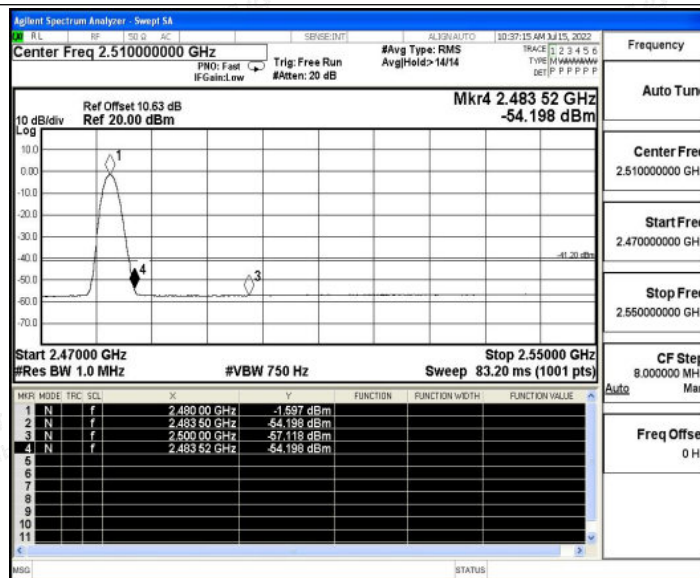


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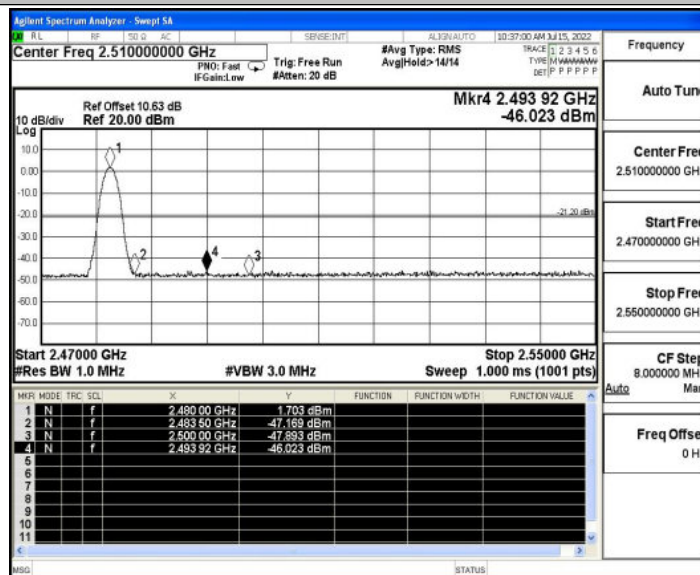
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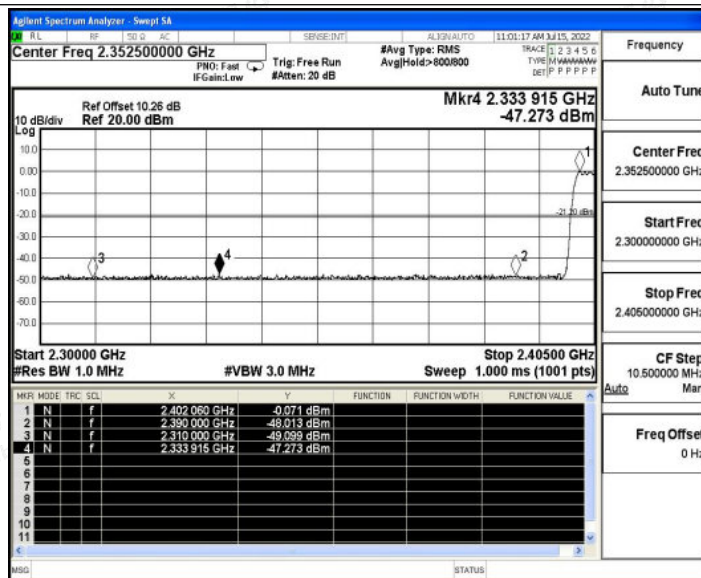


2DH5_Ant1_High_2480_Peak

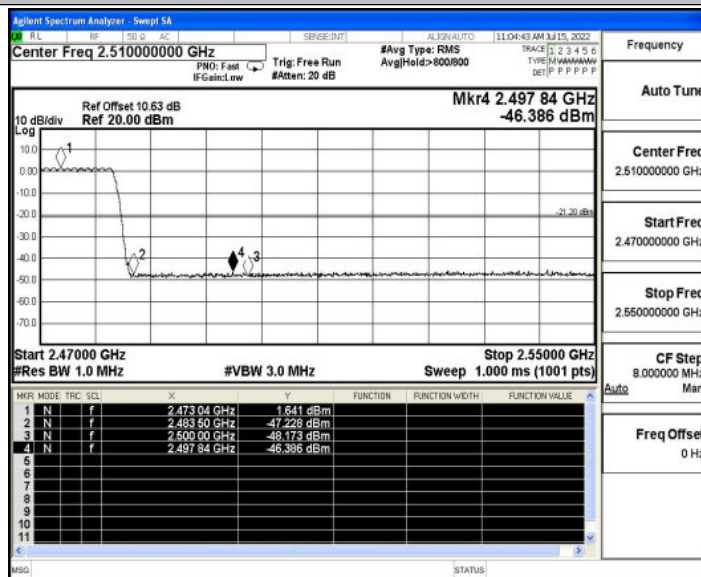


2DH5_Ant1_Low_Hop_2402_Peak





2DH5_Ant1_High_Hop_2480_Peak



3DH5_Ant1_Low_2402_AV

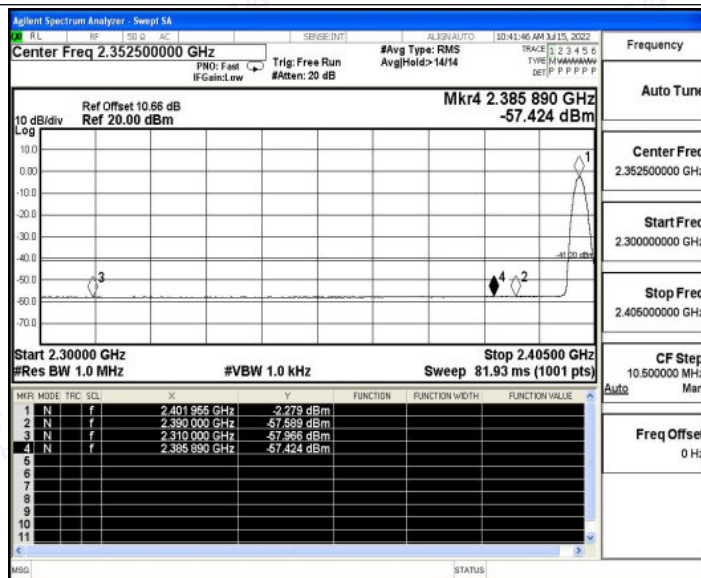


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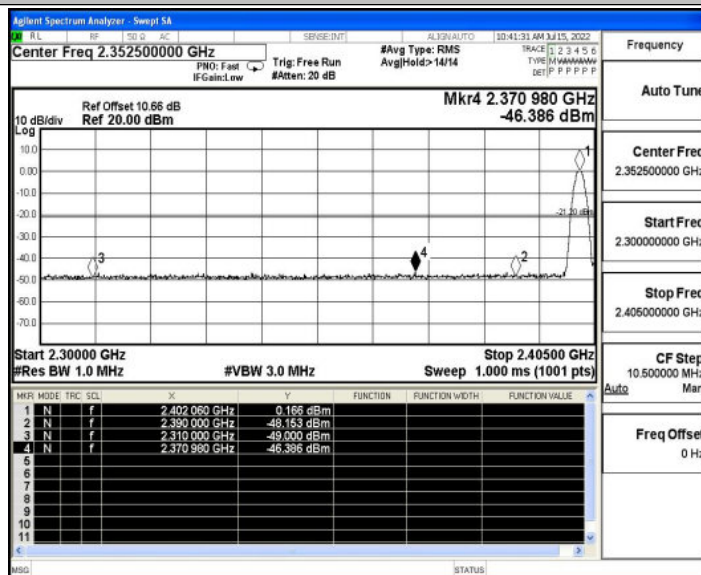
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3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV

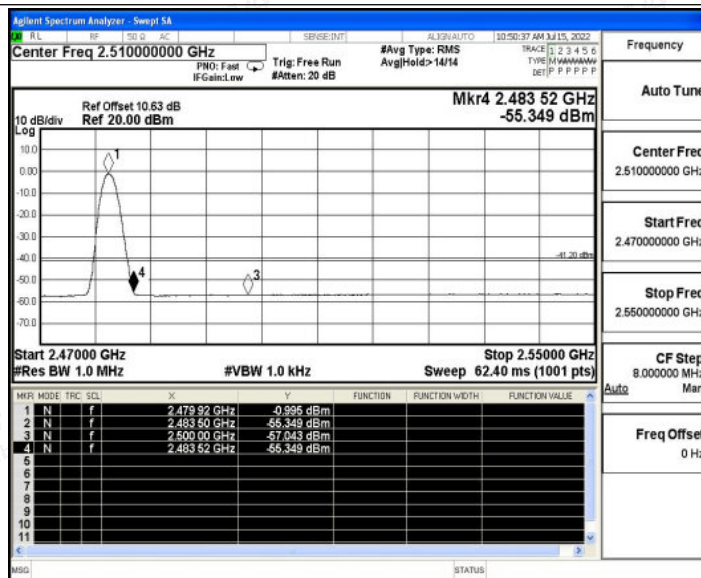


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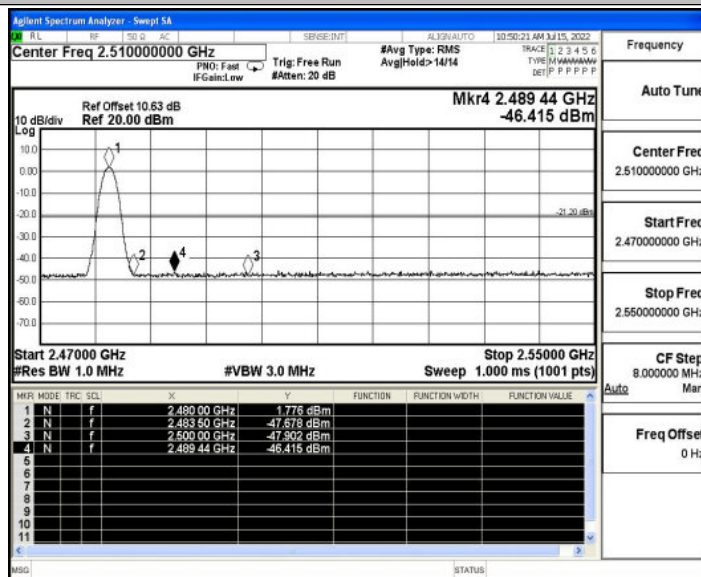
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3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak



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