



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: 8 inch LTE Tablet

Test Model: G800

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





A.1 20dB Emission Bandwidth

Test Result

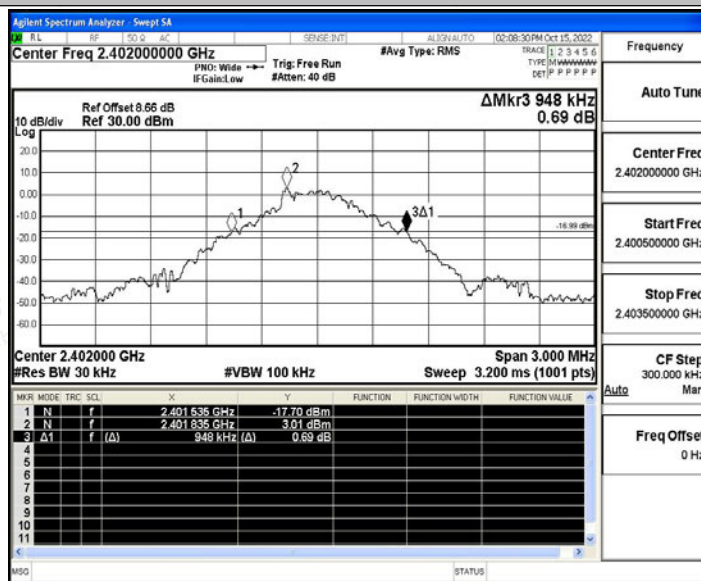
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.948	2401.535	2402.483	---
		2441	0.948	2440.532	2441.480	---
		2480	0.951	2479.532	2480.483	---
2DH5	Ant1	2402	1.290	2401.358	2402.648	---
		2441	1.293	2440.358	2441.651	---
		2480	1.296	2479.355	2480.651	---
3DH5	Ant1	2402	1.260	2401.364	2402.624	---
		2441	1.296	2440.337	2441.633	---
		2480	1.287	2479.346	2480.633	---



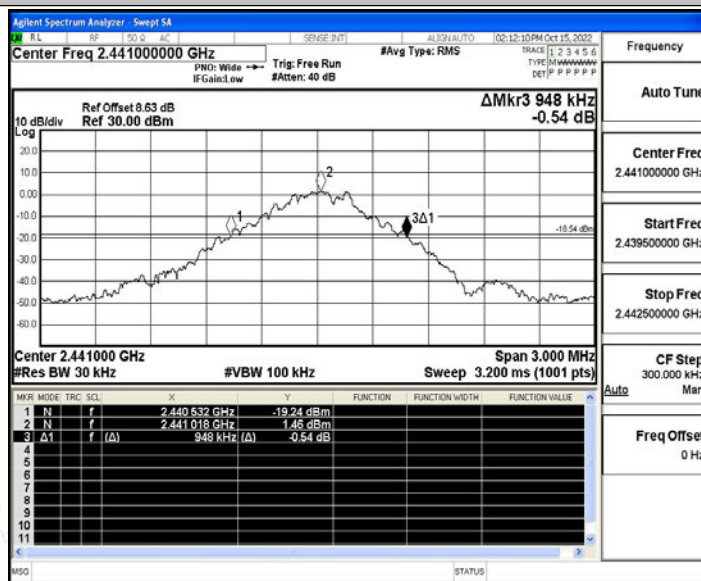


Test Graphs

DH5_Ant1_2402

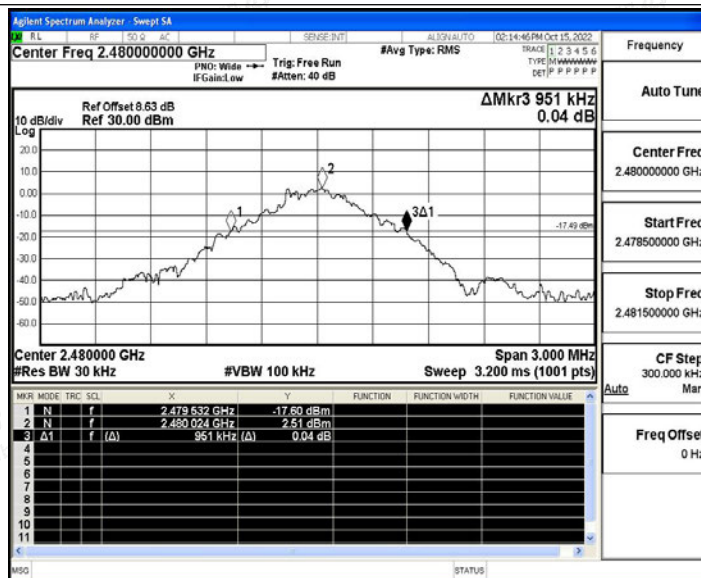


DH5_Ant1_2441

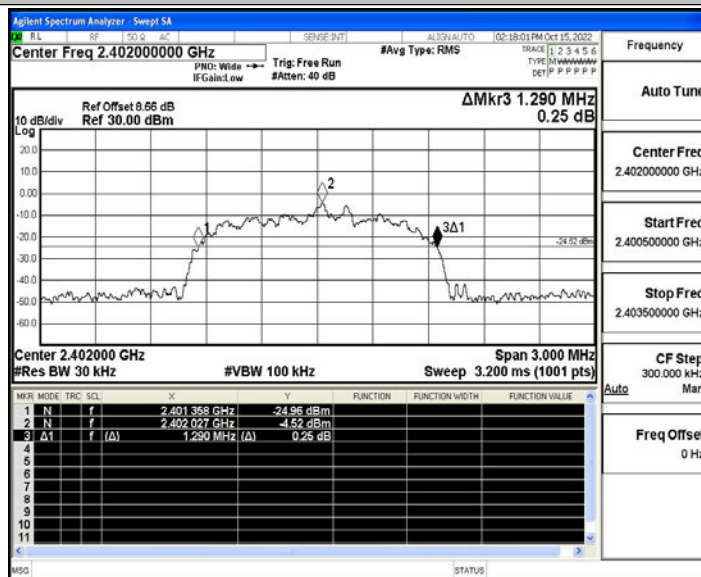


DH5_Ant1_2480





2DH5_Ant1_2402



2DH5_Ant1_2441

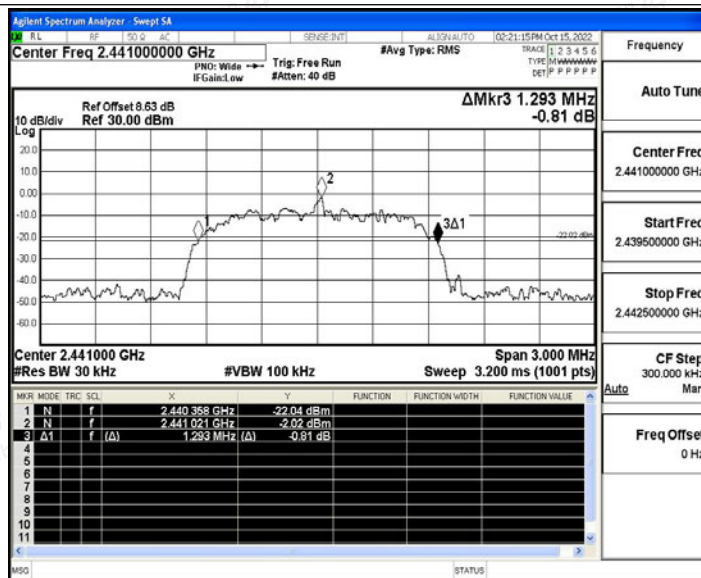


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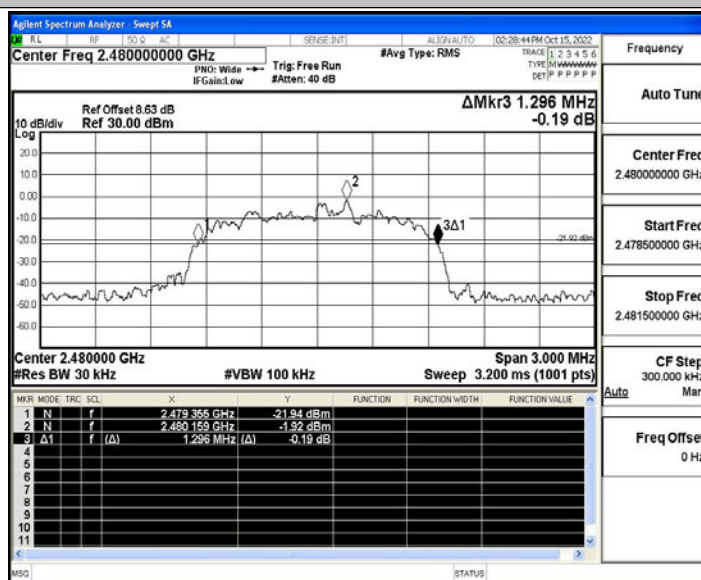
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Scan code to check authenticity



2DH5_Ant1_2480



3DH5_Ant1_2402

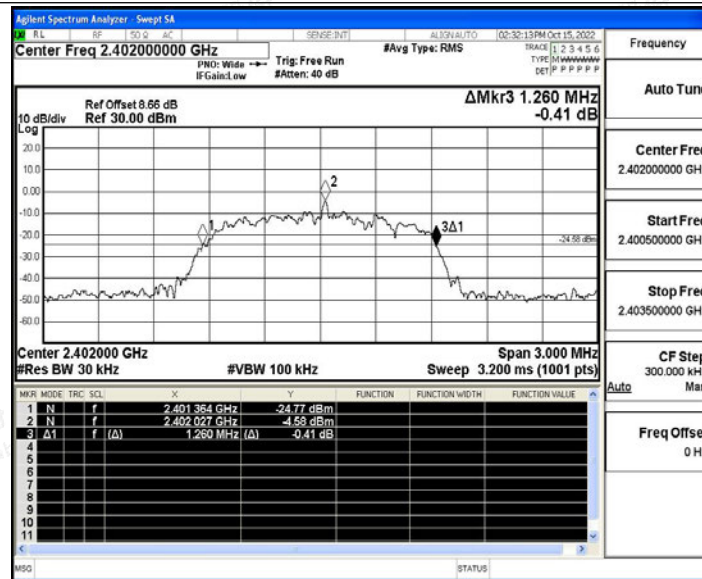


Shenzhen LCS Compliance Testing Laboratory Ltd.

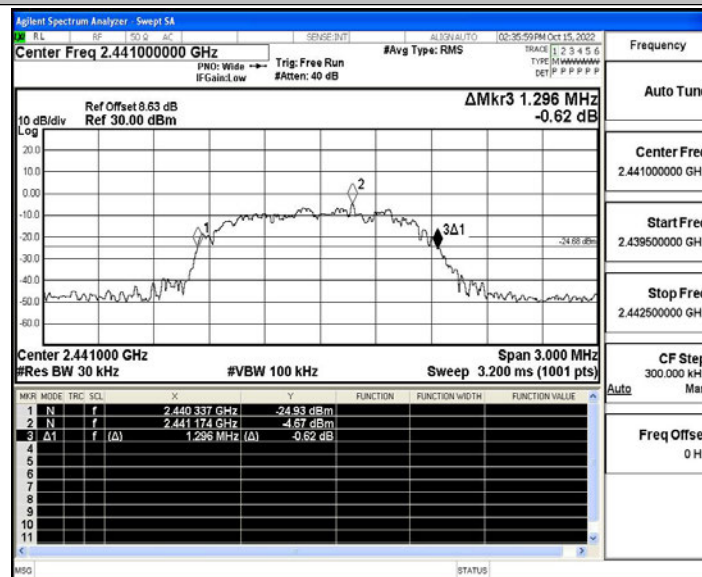
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3DH5_Ant1_2441



3DH5_Ant1_2480

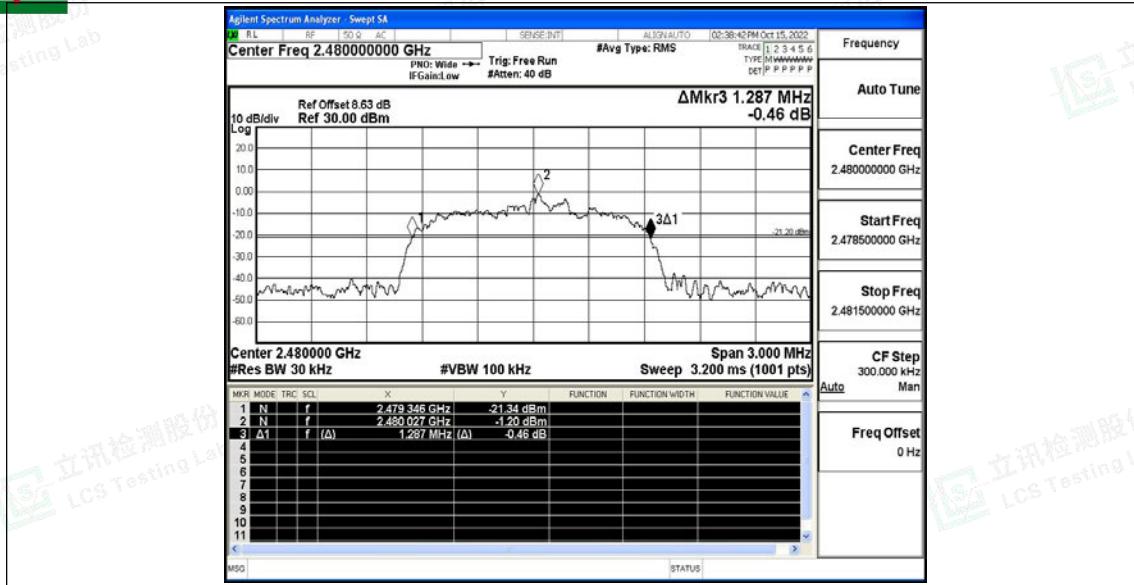


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A.2 Maximum conducted output power

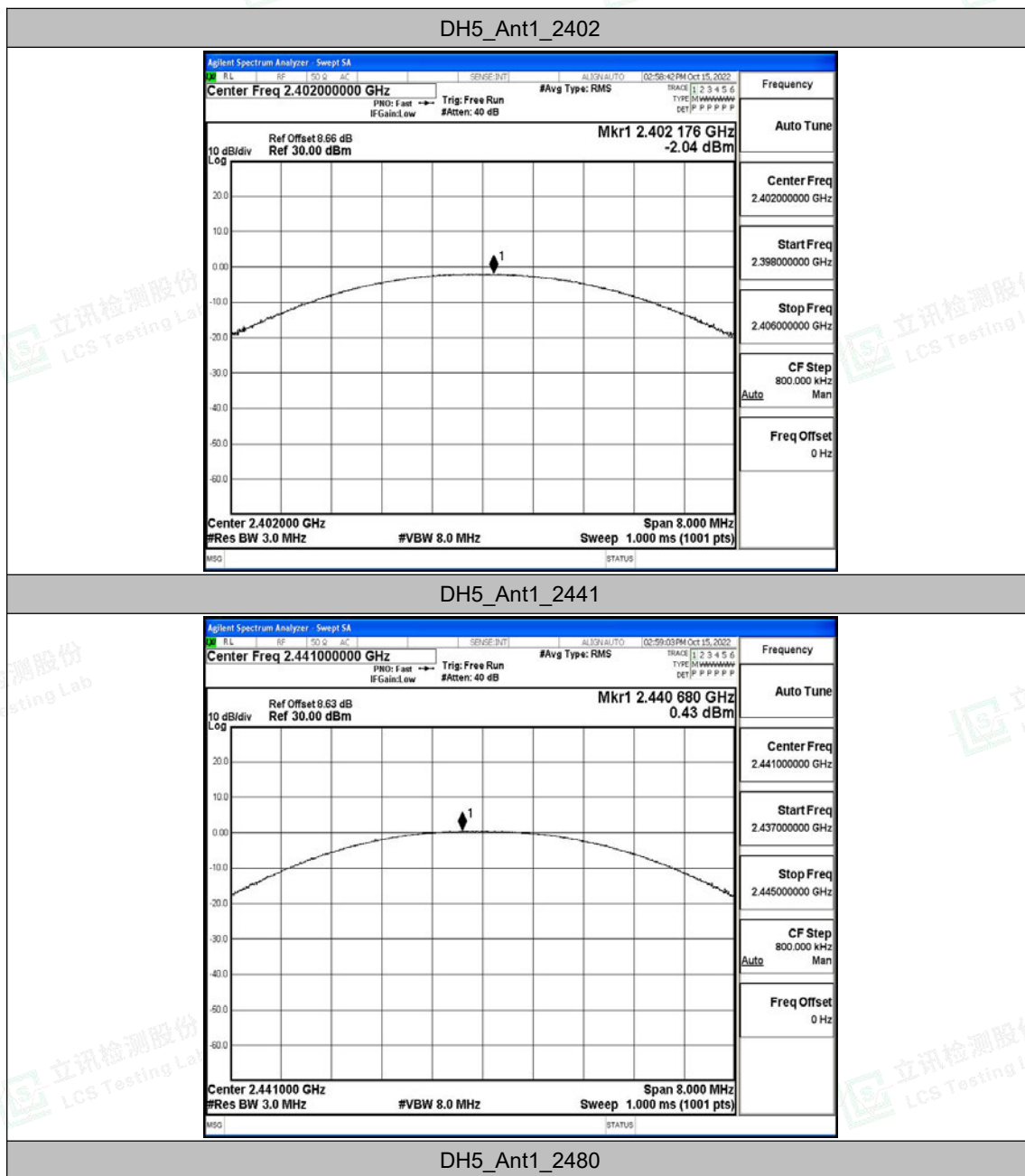
Test Result

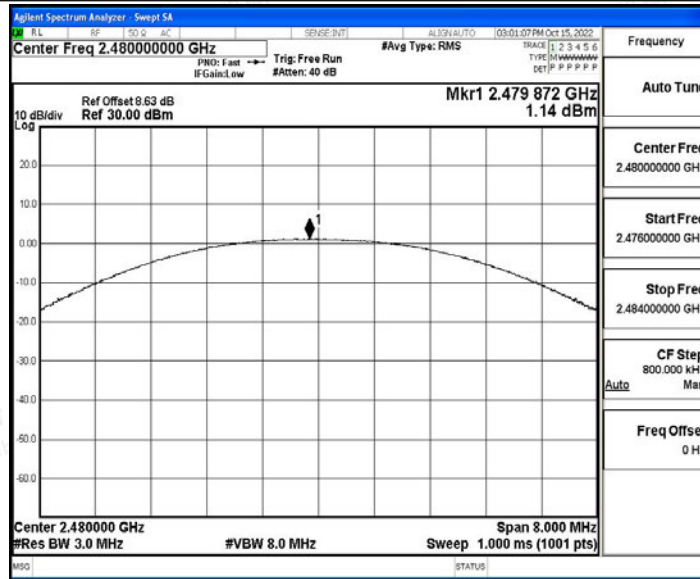
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-2.04	≤21	PASS
		2441	0.43	≤21	PASS
		2480	1.14	≤21	PASS
2DH5	Ant1	2402	-0.34	≤21	PASS
		2441	2.08	≤21	PASS
		2480	3.02	≤21	PASS
3DH5	Ant1	2402	-0.15	≤21	PASS
		2441	2.37	≤21	PASS
		2480	3.23	≤21	PASS



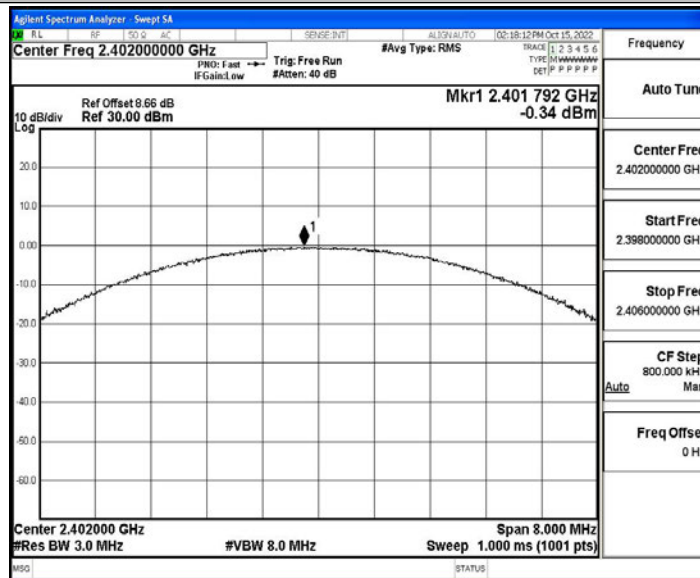


Test Graphs



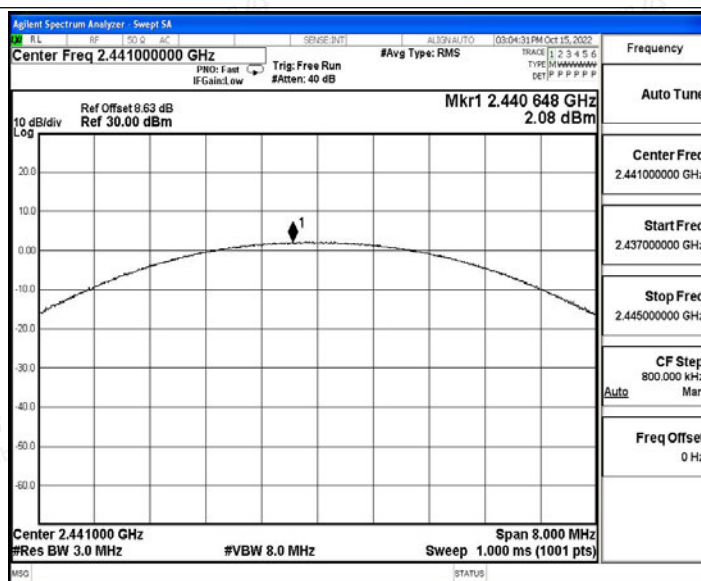


2DH5_Ant1_2402

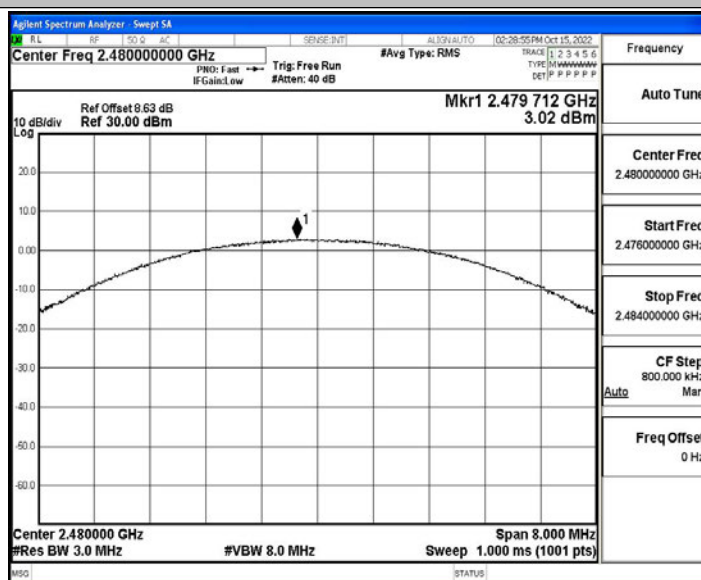


2DH5_Ant1_2441



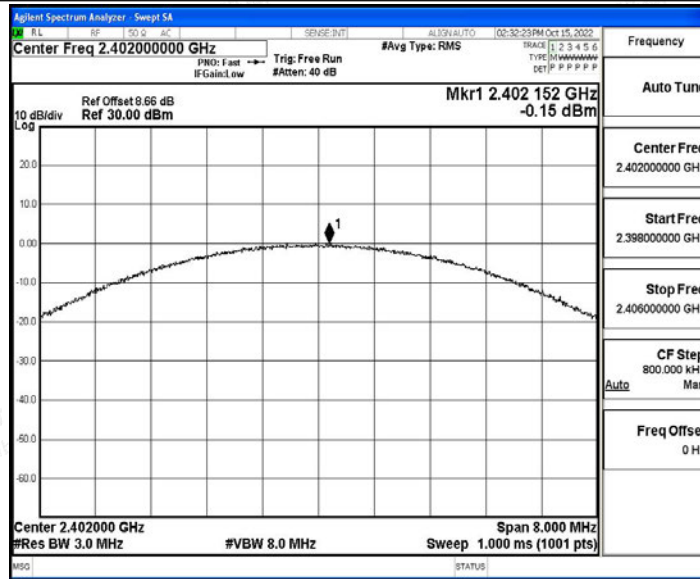


2DH5_Ant1_2480

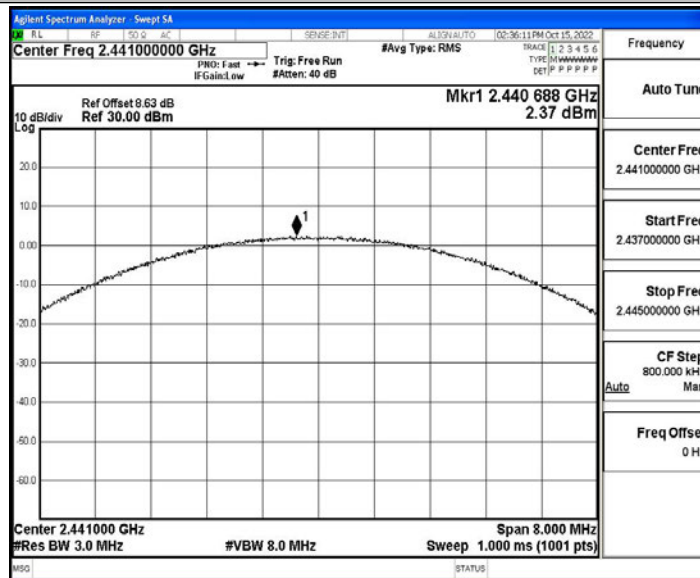


3DH5_Ant1_2402



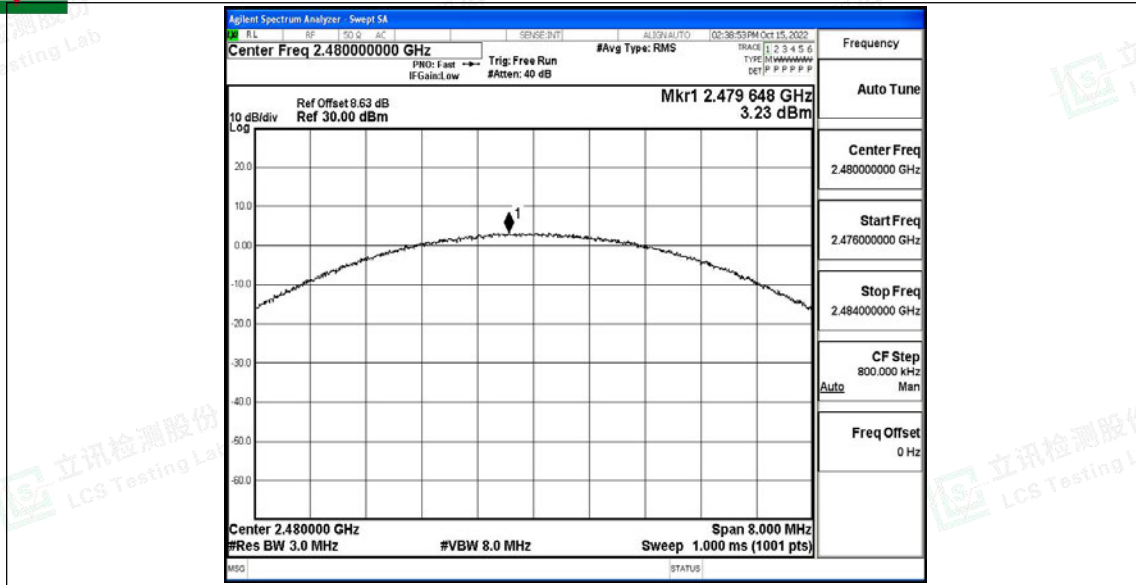


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

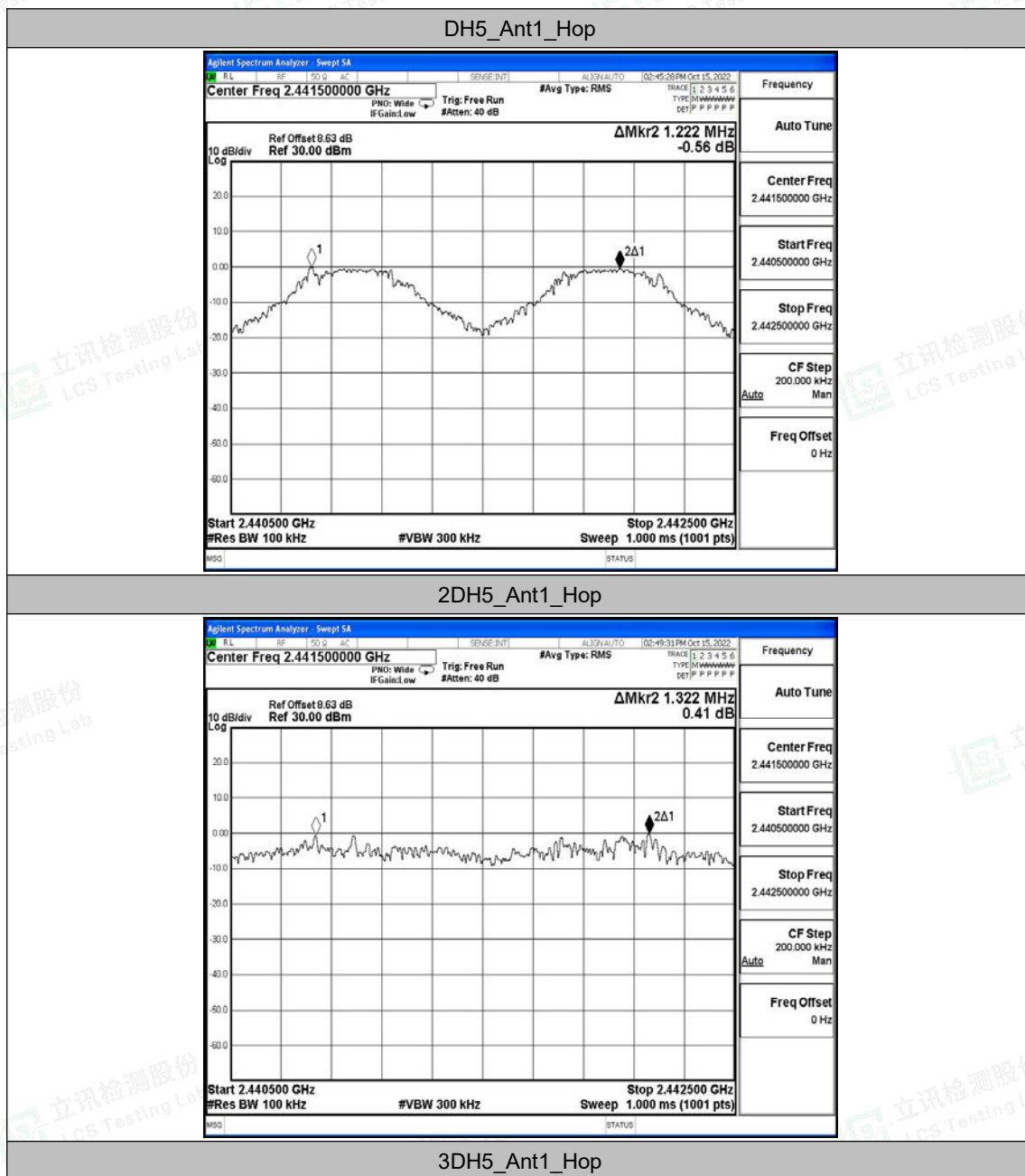
Test Result

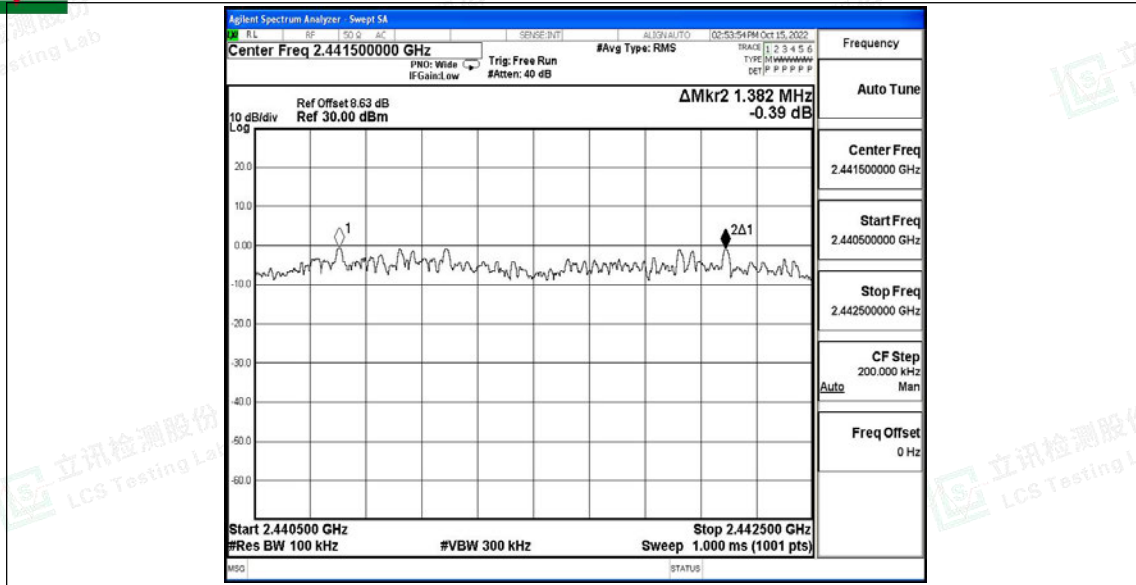
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.222	≥ 0.951	PASS
2DH5	Ant1	Hop	1.322	≥ 1.296	PASS
3DH5	Ant1	Hop	1.382	≥ 1.296	PASS





Test Graphs







A.4 Time of occupancy

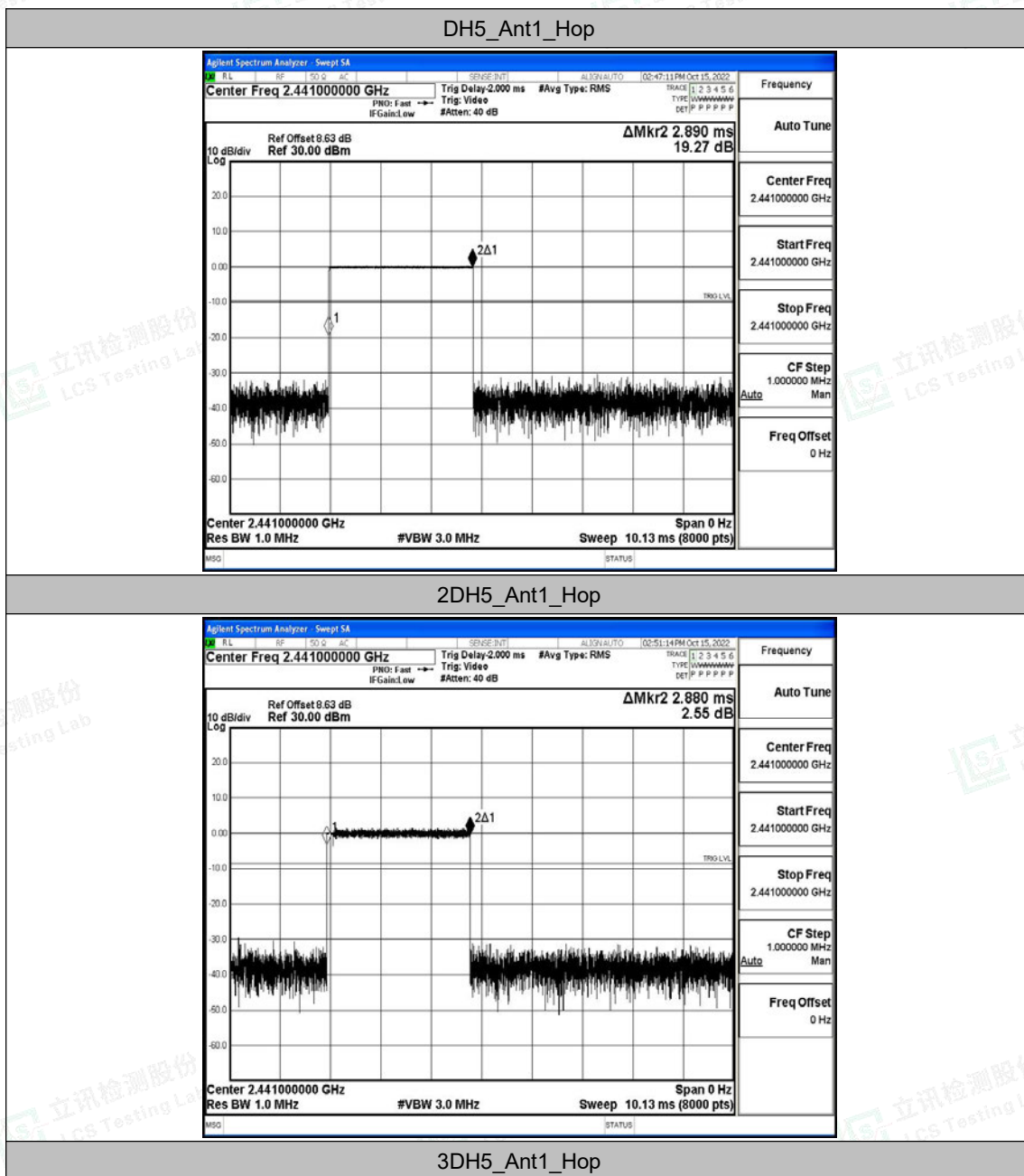
Test Result

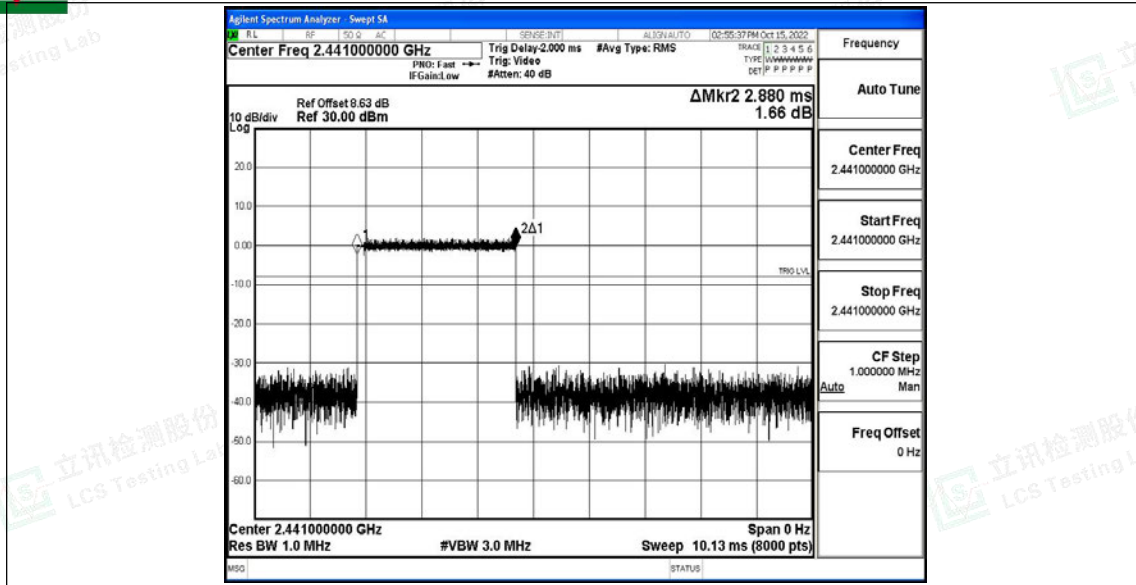
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.89	106.67	0.308	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS





Test Graphs







A.5 Number of hopping channels

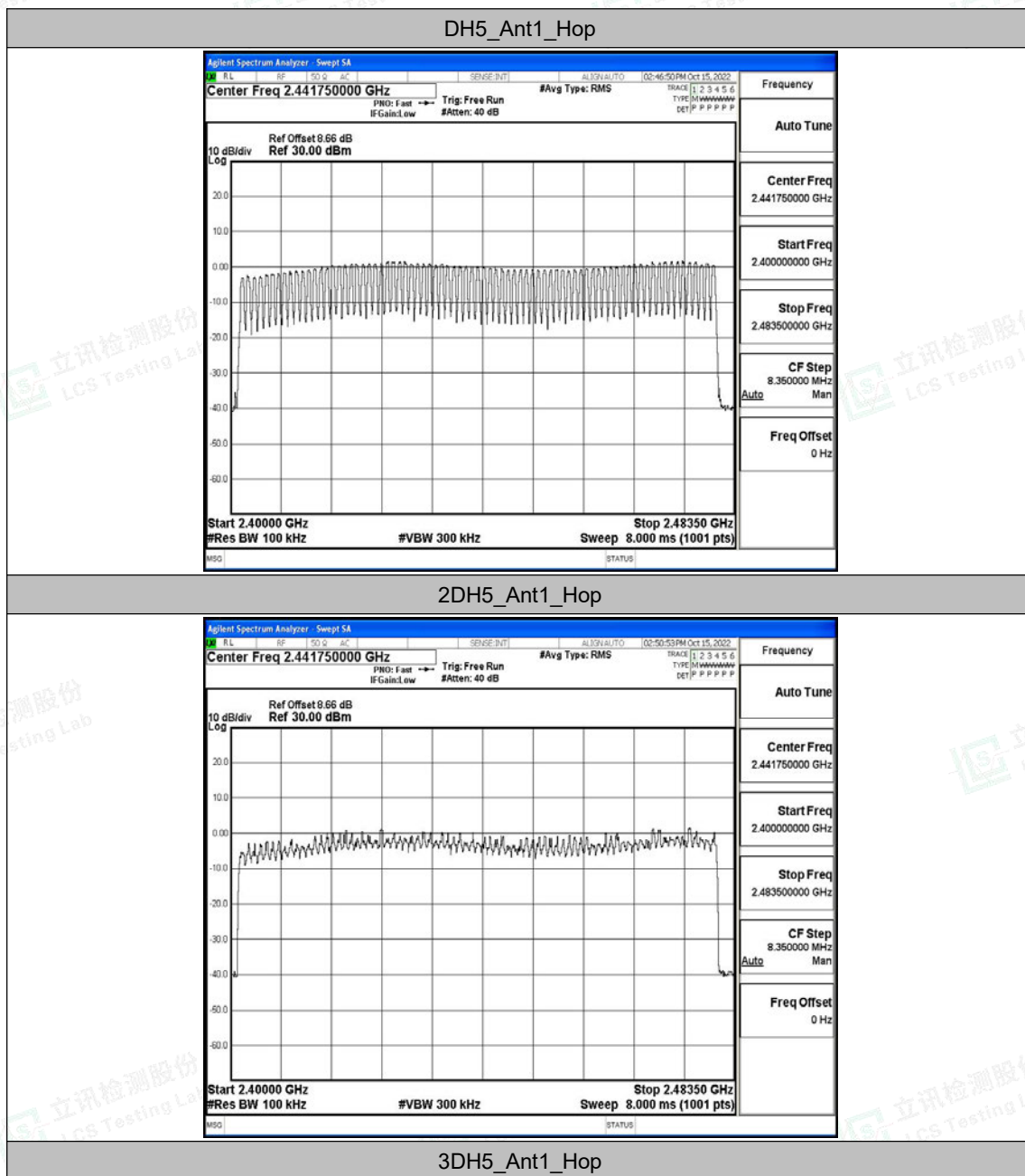
Test Result

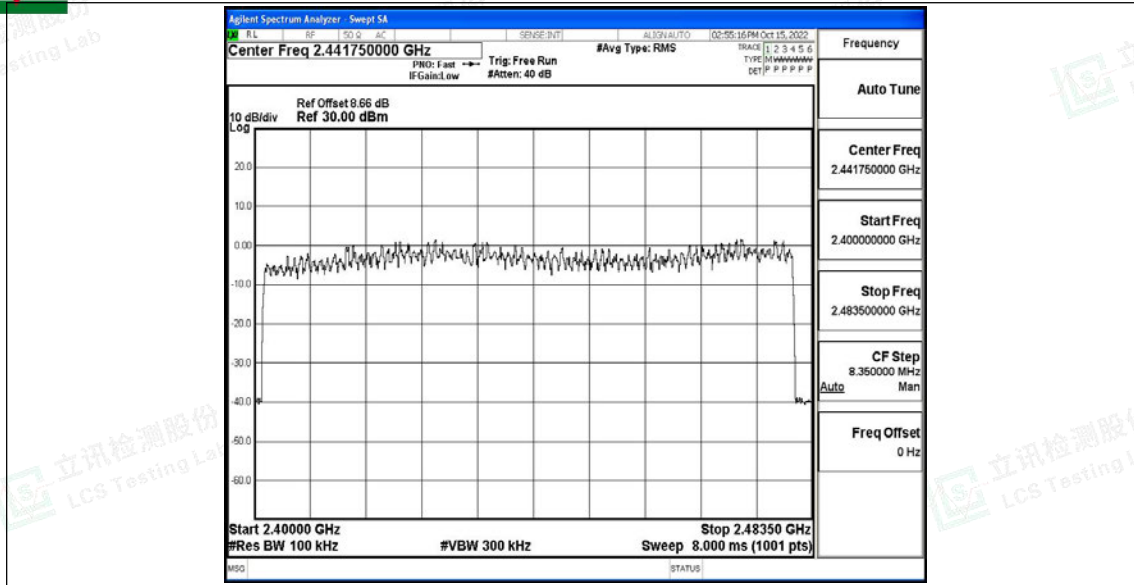
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs







A.6 Band edge measurements

Test Result

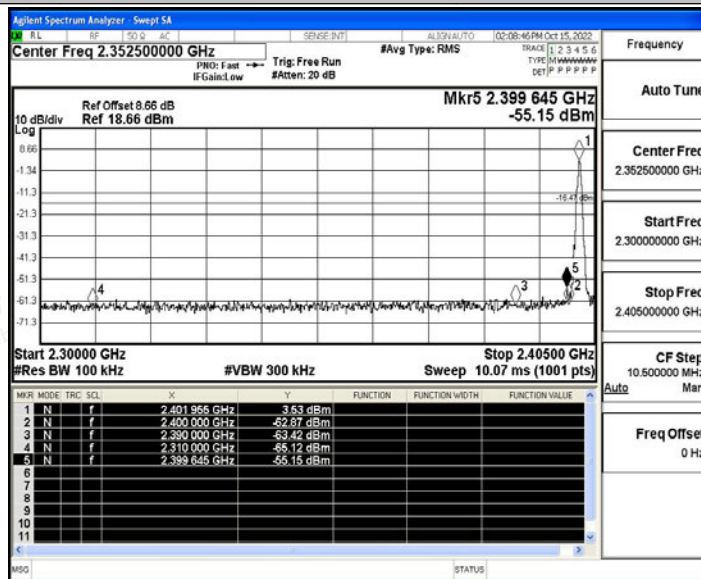
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.53	-55.15	≤ -16.47	PASS
		High	2480	4.39	-59.11	≤ -15.61	PASS
		Low	2402	-3.41	-58.53	≤ -23.41	PASS
		High	2480	1.37	-57.55	≤ -18.63	PASS
2DH5	Ant1	Low	2402	-6.26	-59.7	≤ -26.26	PASS
		High	2480	-3.10	-58.11	≤ -23.1	PASS
		Low	2402	-4.30	-59.14	≤ -24.3	PASS
		High	2480	0.84	-57.45	≤ -19.16	PASS
3DH5	Ant1	Low	2402	-7.45	-60	≤ -27.45	PASS
		High	2480	0.25	-58.52	≤ -19.75	PASS
		Low	2402	-5.76	-58.11	≤ -25.76	PASS
		High	2480	0.53	-57.73	≤ -19.47	PASS



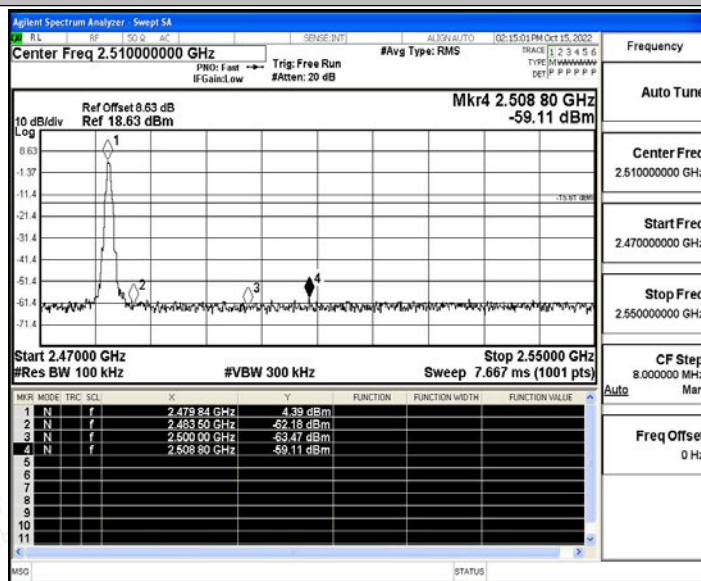


Test Graphs

DH5_Ant1_Low_2402

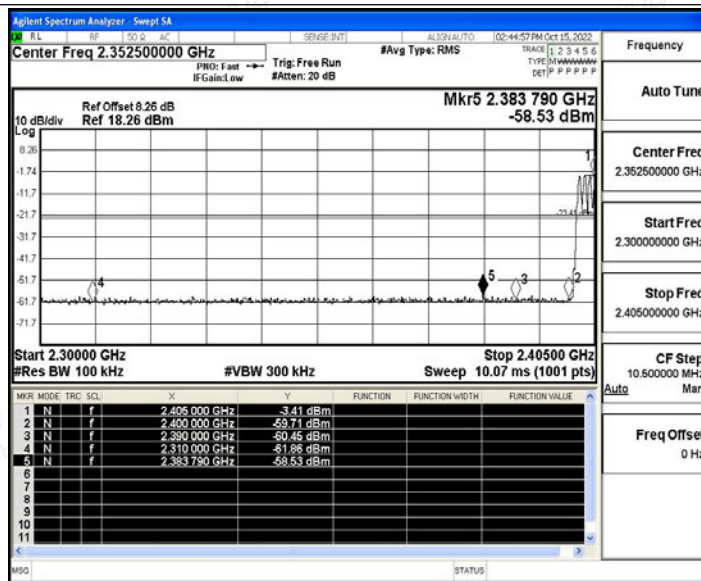


DH5_Ant1_High_2480

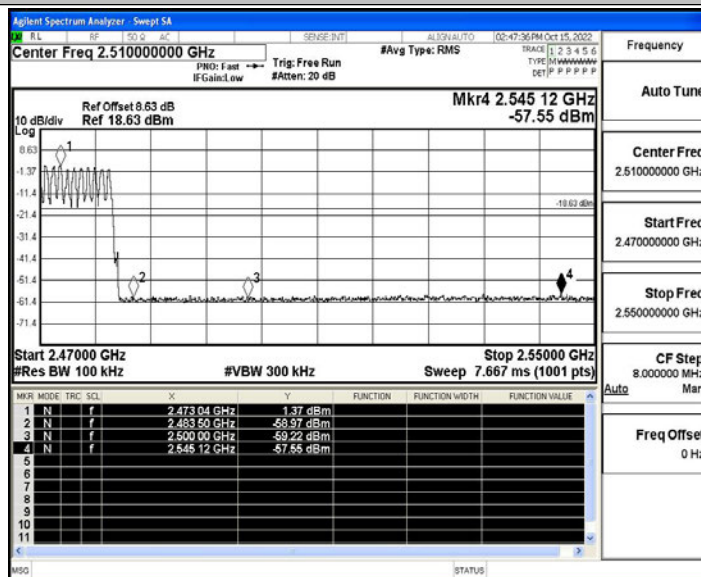


DH5_Ant1_Low_Hop_2402



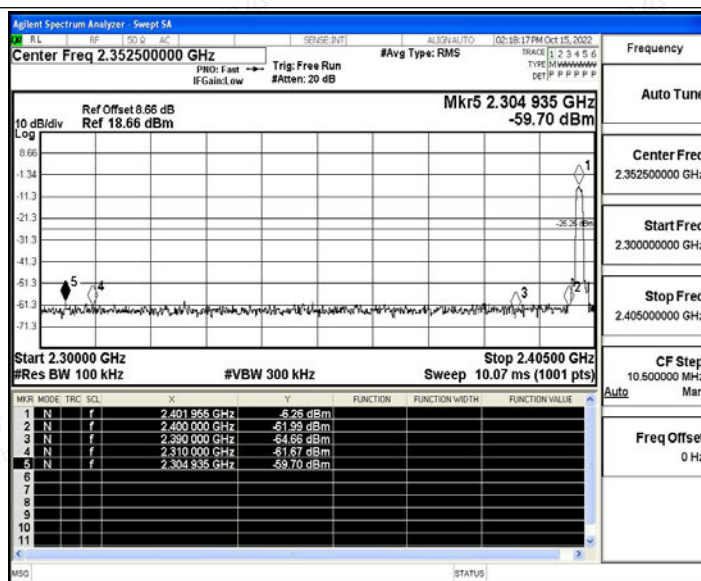


DH5_Ant1_High_Hop_2480

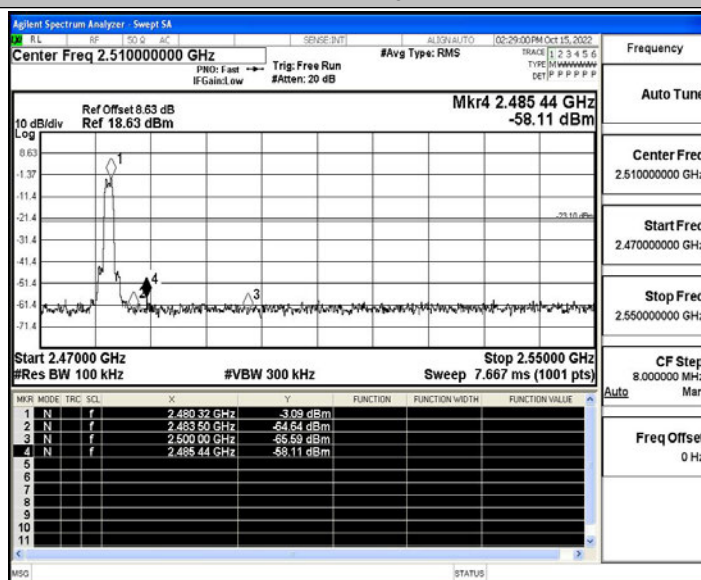


2DH5_Ant1_Low_2402



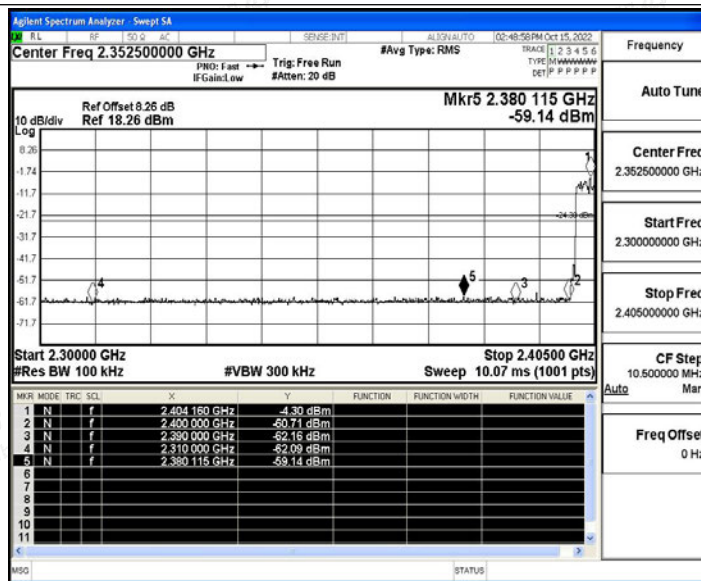


2DH5_Ant1_High_2480

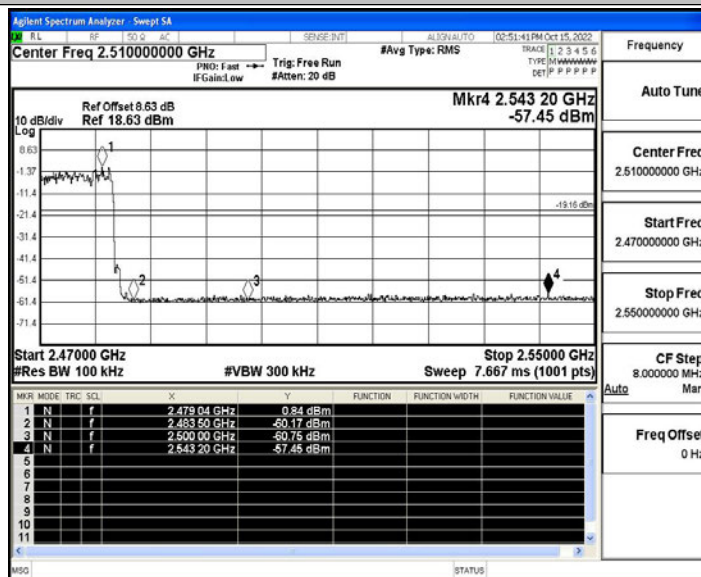


2DH5_Ant1_Low_Hop_2402



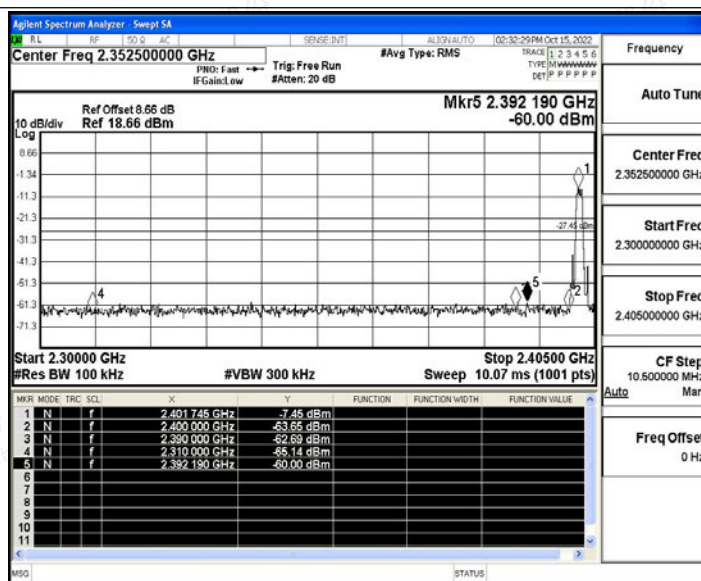


2DH5_Ant1_High_Hop_2480

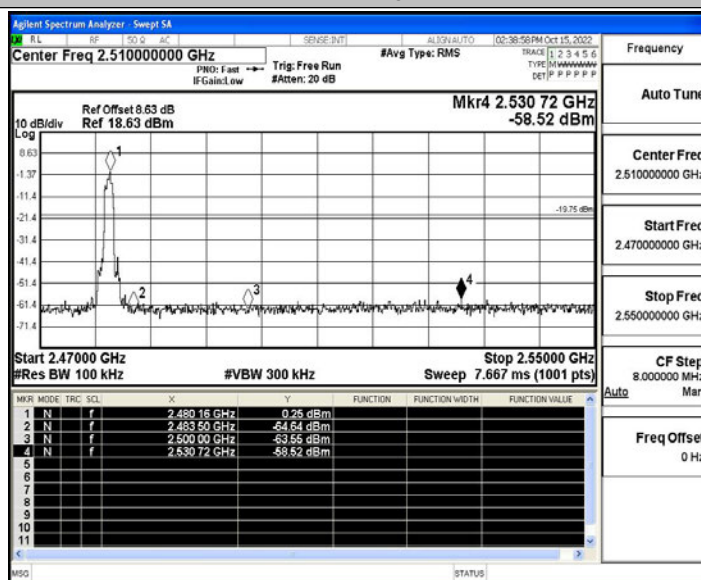


3DH5_Ant1_Low_2402





3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402

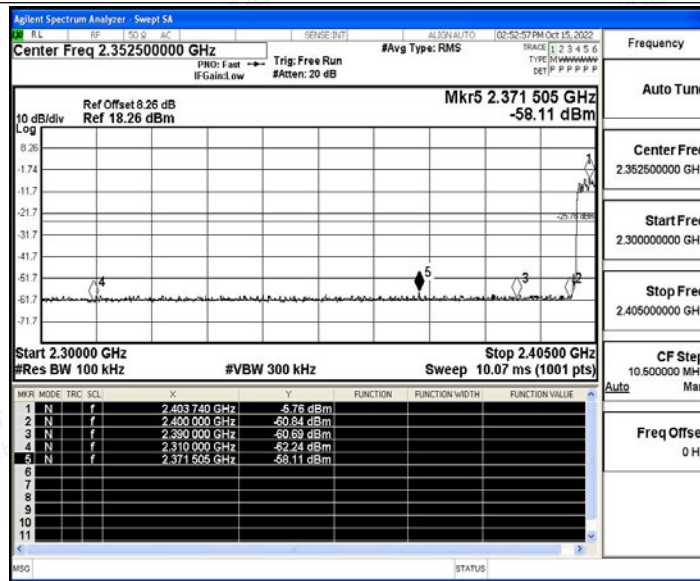


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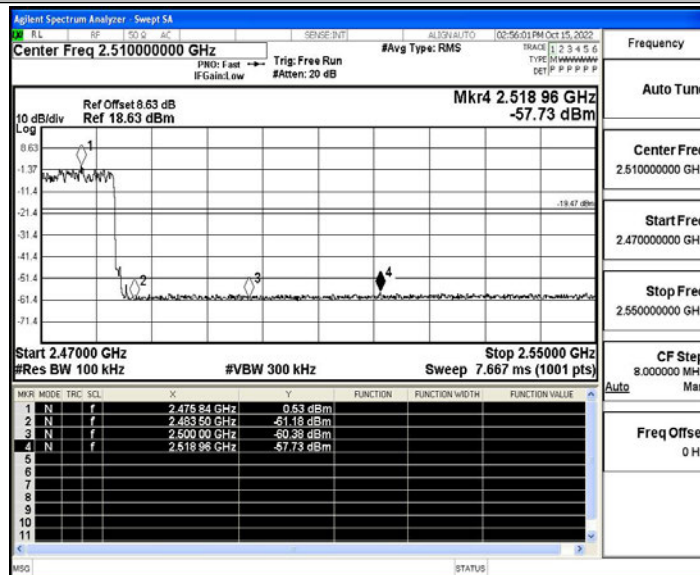
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3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

Test Result

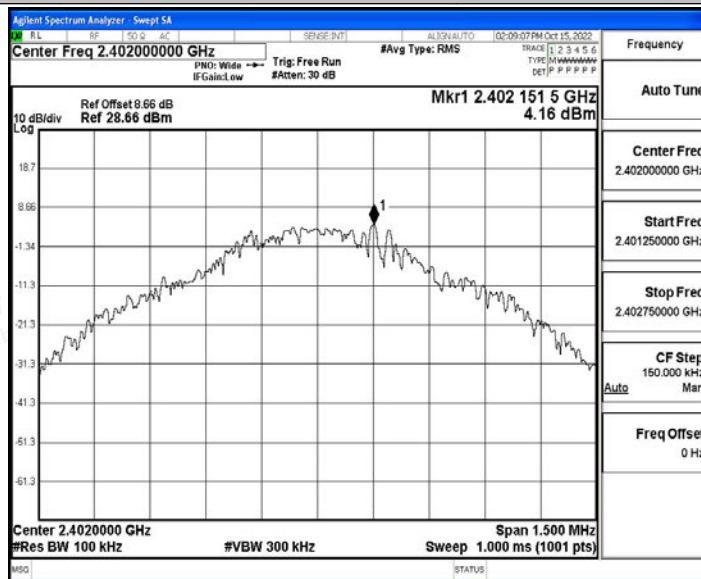
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.16	4.16	---	PASS
			30~1000	4.16	-42.32	≤-15.84	PASS
			1000~26500	4.16	-45.68	≤-15.84	PASS
		2441	Reference	2.90	2.90	---	PASS
			30~1000	2.90	-31.47	≤-17.1	PASS
			1000~26500	2.90	-46.37	≤-17.1	PASS
		2480	Reference	3.74	3.74	---	PASS
			30~1000	3.74	-60.36	≤-16.26	PASS
			1000~26500	3.74	-46.02	≤-16.26	PASS
2DH5	Ant1	2402	Reference	-3.04	-3.04	---	PASS
			30~1000	-3.04	-60.46	≤-23.04	PASS
			1000~26500	-3.04	-45.25	≤-23.04	PASS
		2441	Reference	-0.26	-0.26	---	PASS
			30~1000	-0.26	-60.12	≤-20.26	PASS
			1000~26500	-0.26	-45.13	≤-20.26	PASS
		2480	Reference	-2.41	-2.41	---	PASS
			30~1000	-2.41	-60	≤-22.41	PASS
			1000~26500	-2.41	-45.84	≤-22.41	PASS
3DH5	Ant1	2402	Reference	-3.54	-3.54	---	PASS
			30~1000	-3.54	-60.63	≤-23.54	PASS
			1000~26500	-3.54	-45.48	≤-23.54	PASS
		2441	Reference	-2.59	-2.59	---	PASS
			30~1000	-2.59	-60.91	≤-22.59	PASS
			1000~26500	-2.59	-46.02	≤-22.59	PASS
		2480	Reference	-1.79	-1.79	---	PASS
			30~1000	-1.79	-60.87	≤-21.79	PASS
			1000~26500	-1.79	-44.98	≤-21.79	PASS



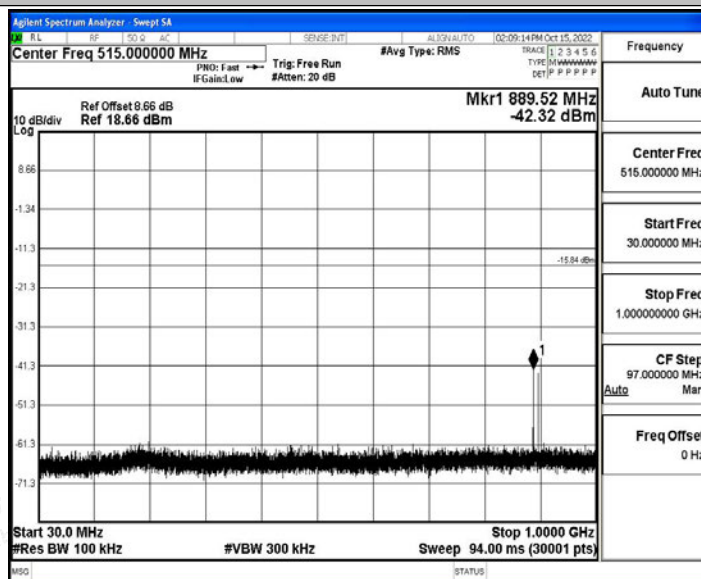


Test Graphs

DH5_Ant1_2402_0~Reference

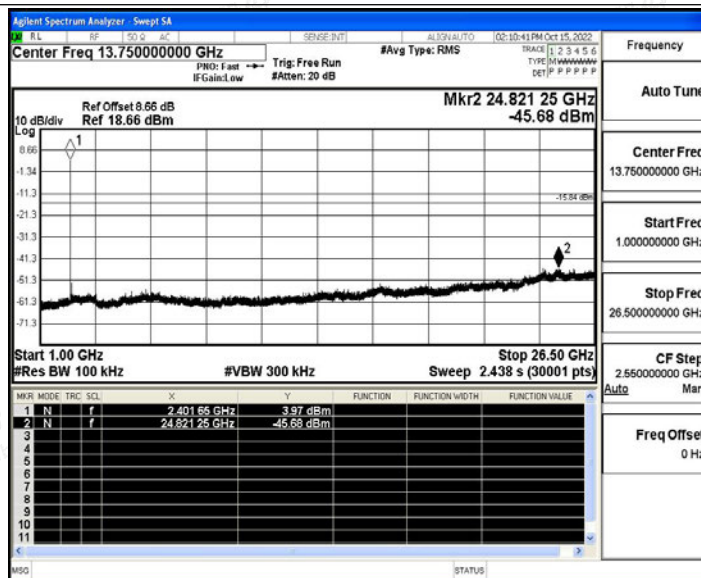


DH5_Ant1_2402_30~1000

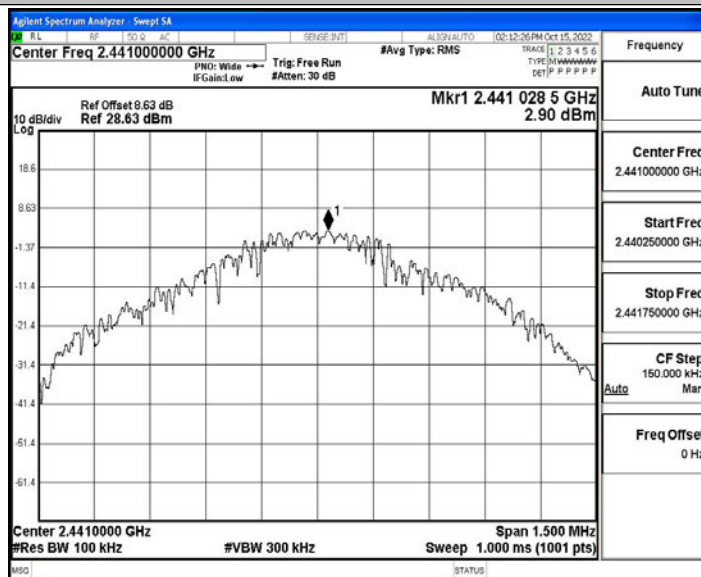


DH5_Ant1_2402_1000~26500



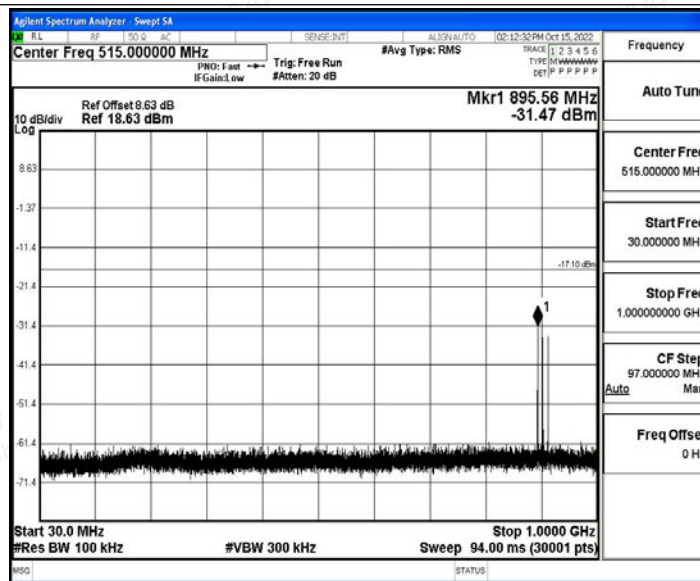


DH5_Ant1_2441_0~Reference

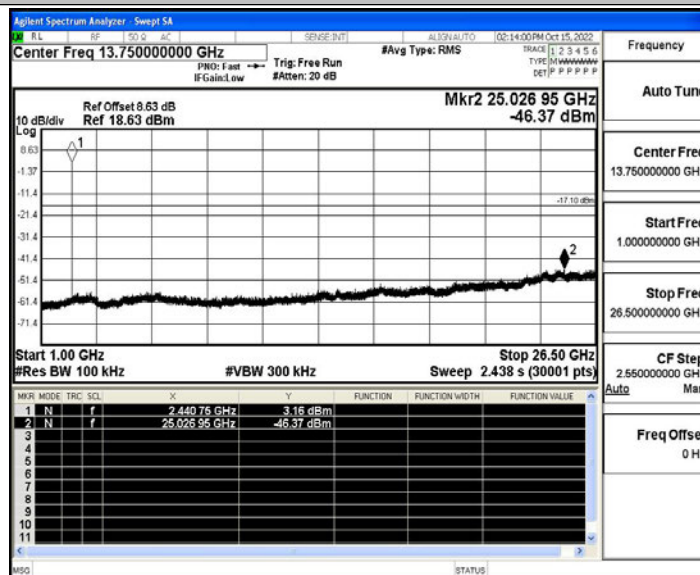


DH5_Ant1_2441_30~1000



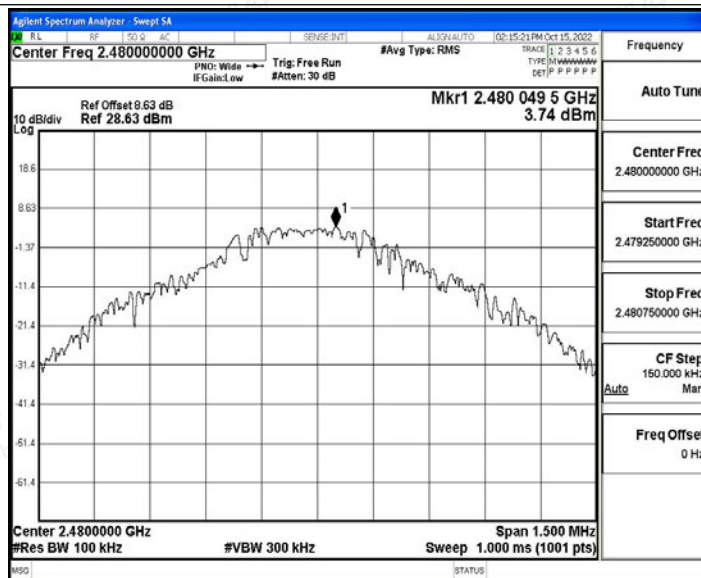


DH5_Ant1_2441_1000~26500

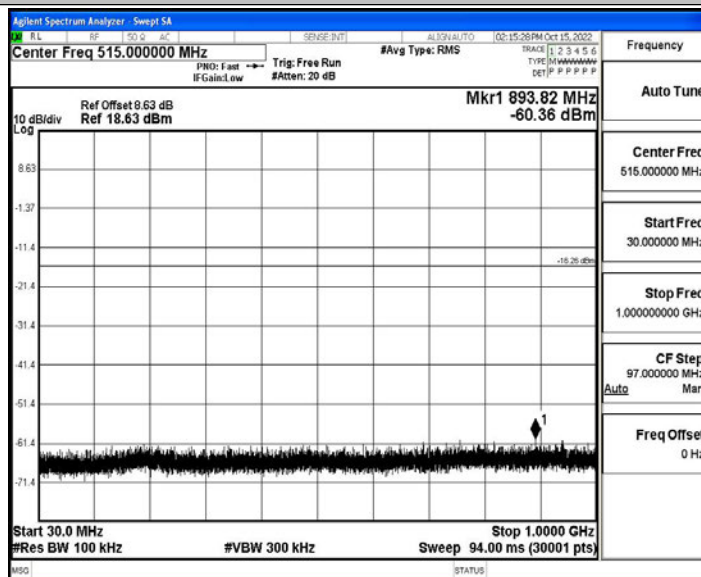


DH5_Ant1_2480_0~Reference



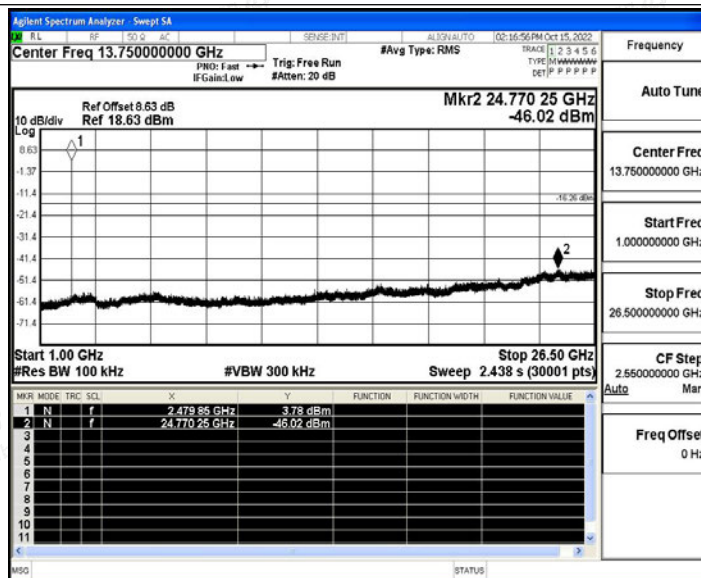


DH5_Ant1_2480_30~1000

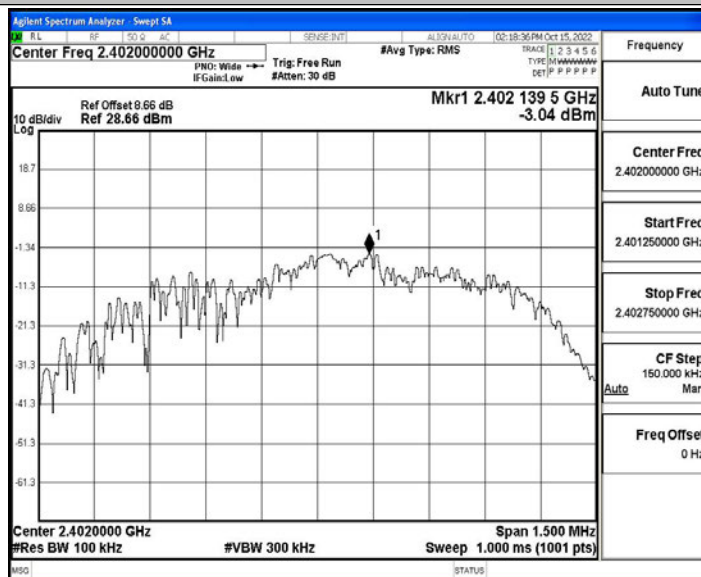


DH5_Ant1_2480_1000~26500



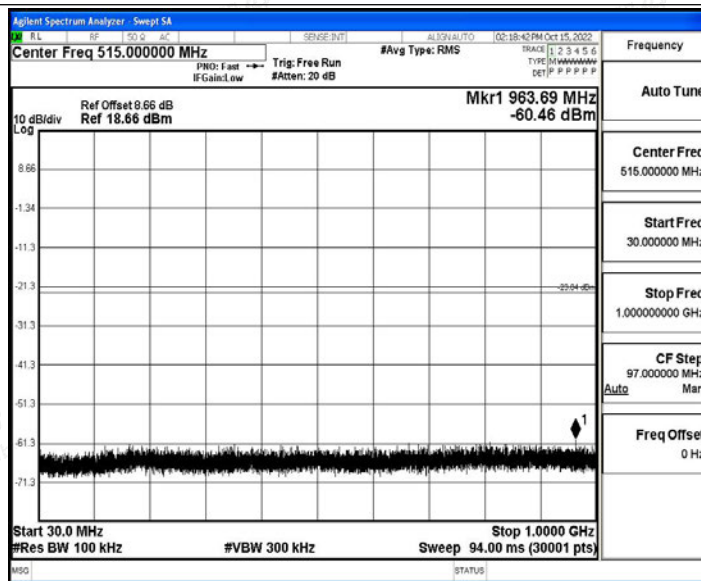


2DH5_Ant1_2402_0~Reference

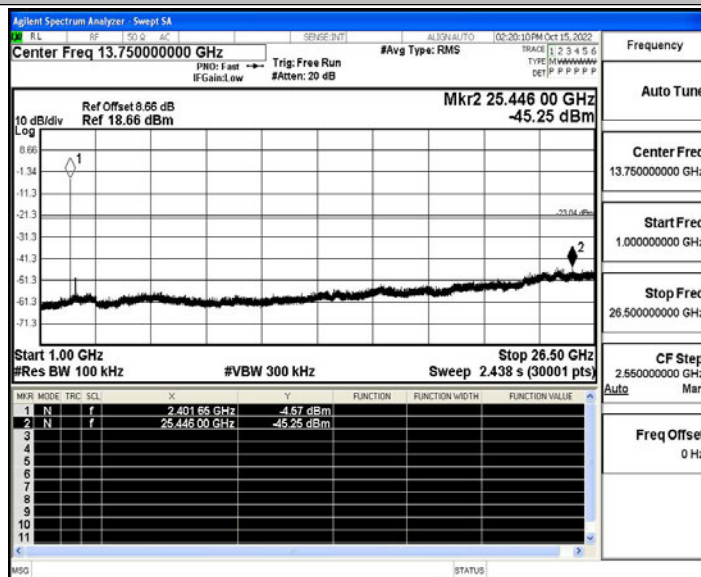


2DH5_Ant1_2402_30~1000



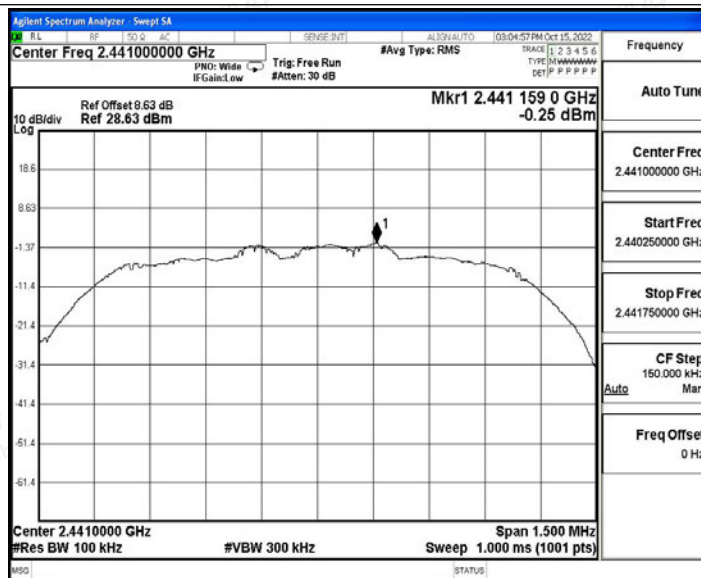


2DH5_Ant1_2402_1000~26500

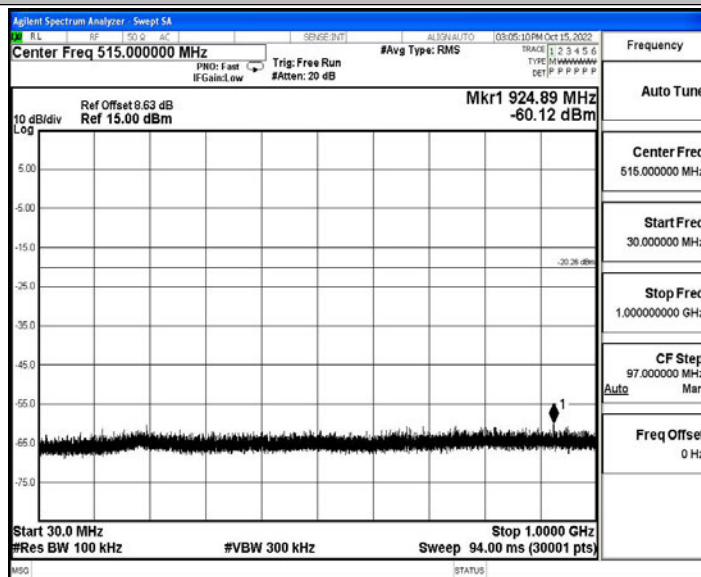


2DH5_Ant1_2441_0~Reference



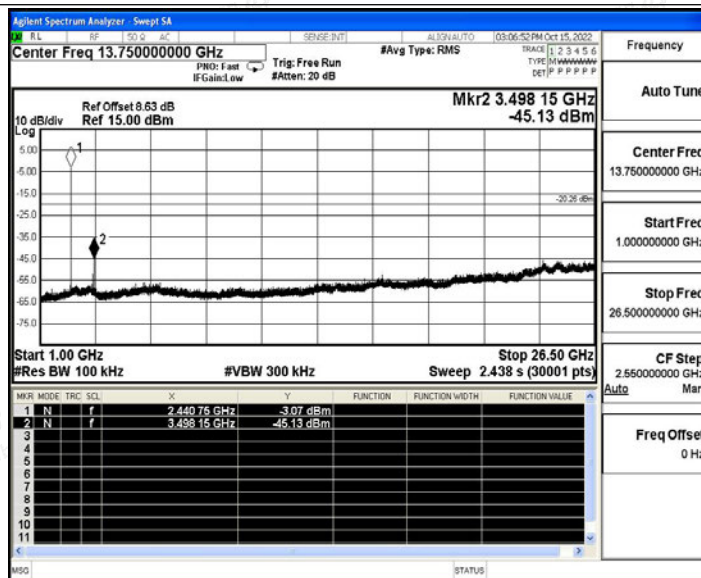


2DH5_Ant1_2441_30~1000

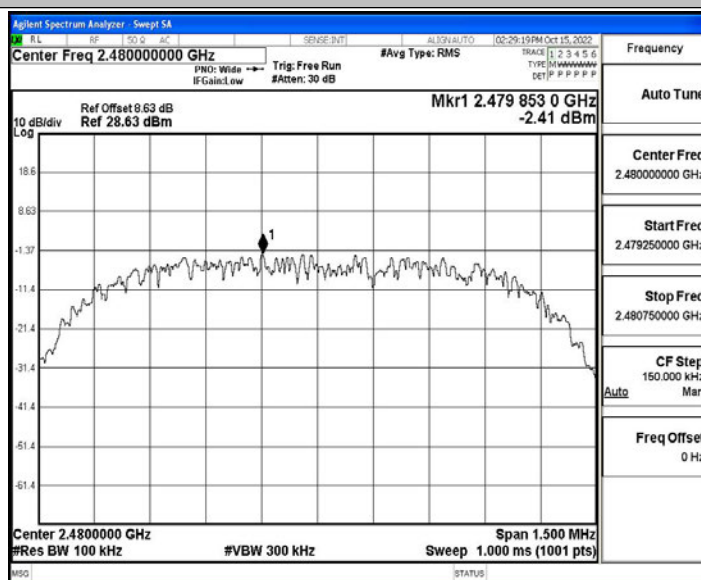


2DH5_Ant1_2441_1000~26500



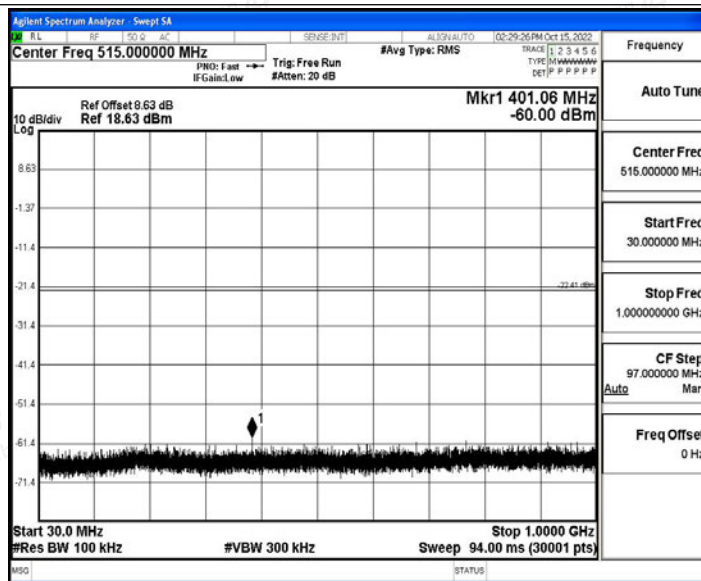


2DH5_Ant1_2480_0~Reference

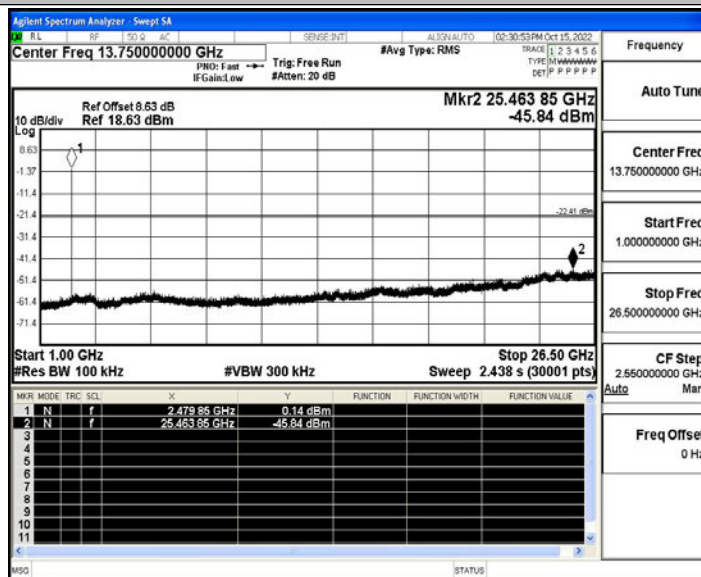


2DH5_Ant1_2480_30~1000



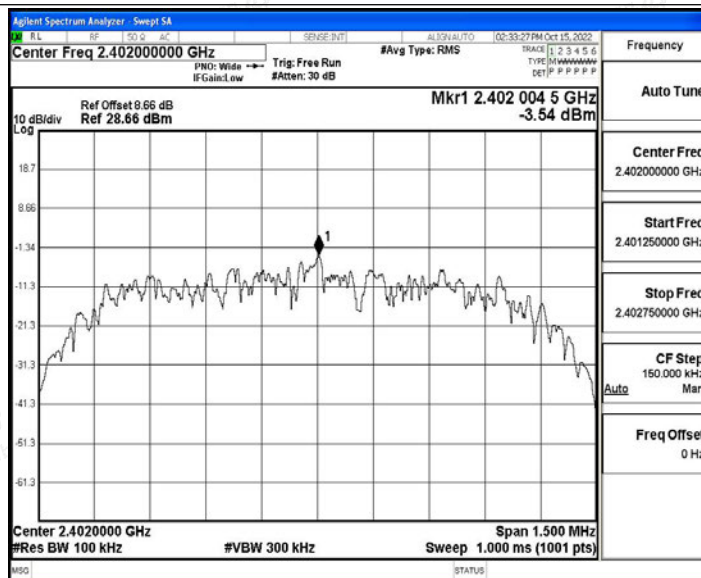


2DH5_Ant1_2480_1000~26500

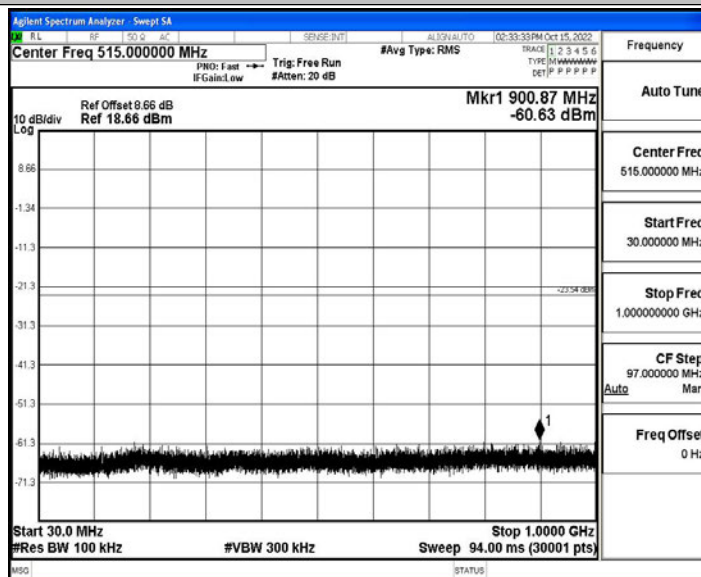


3DH5_Ant1_2402_0~Reference



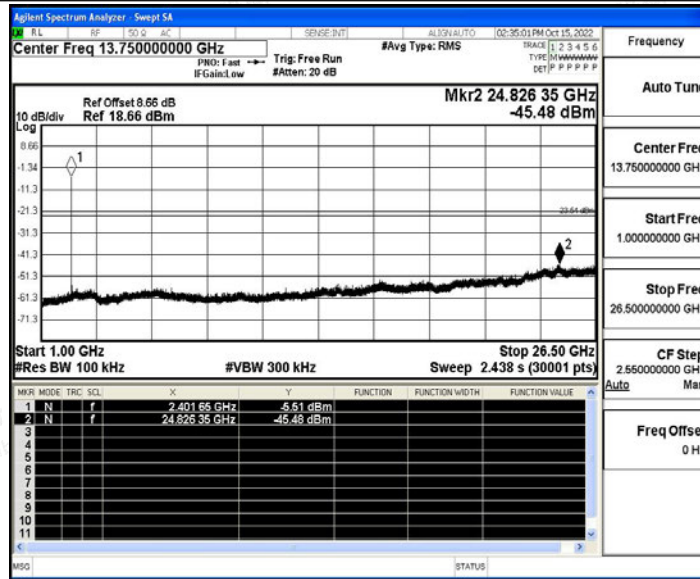


3DH5_Ant1_2402_30~1000

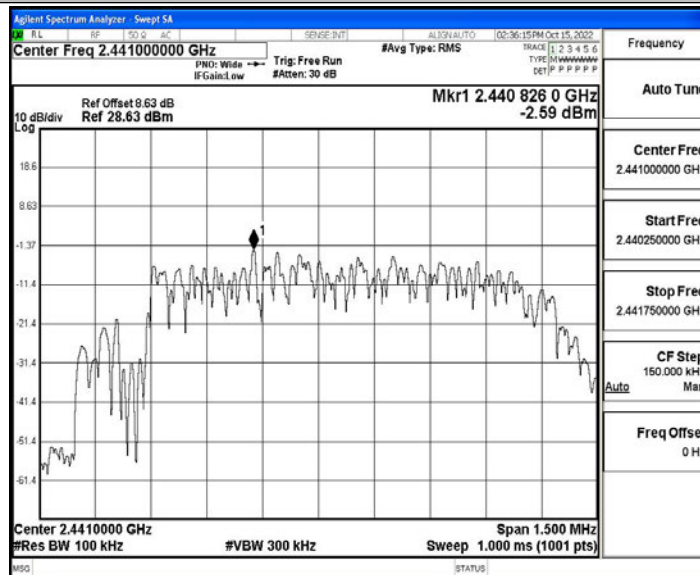


3DH5_Ant1_2402_1000~26500



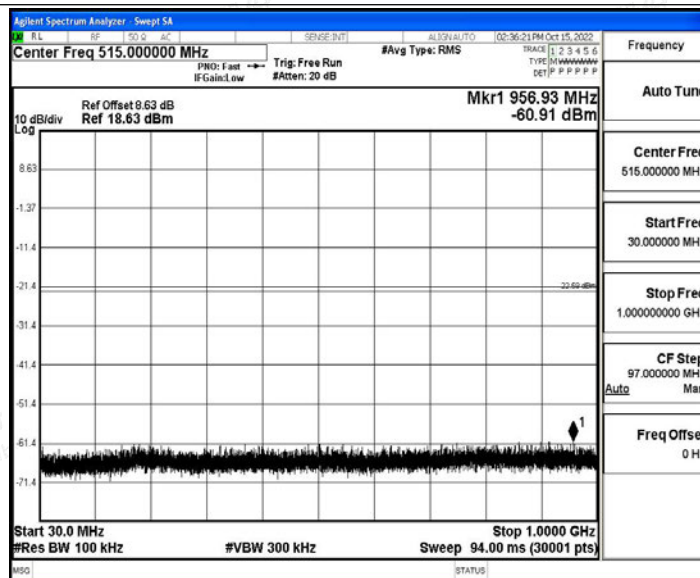


3DH5_Ant1_2441_0~Reference

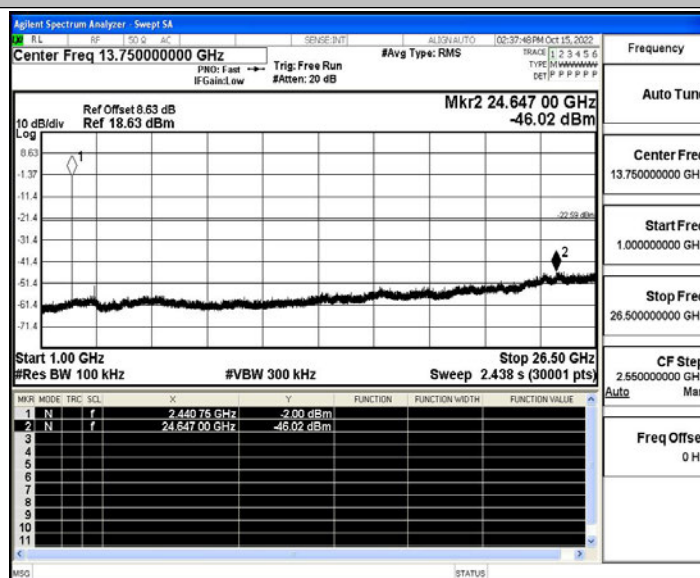


3DH5_Ant1_2441_30~1000



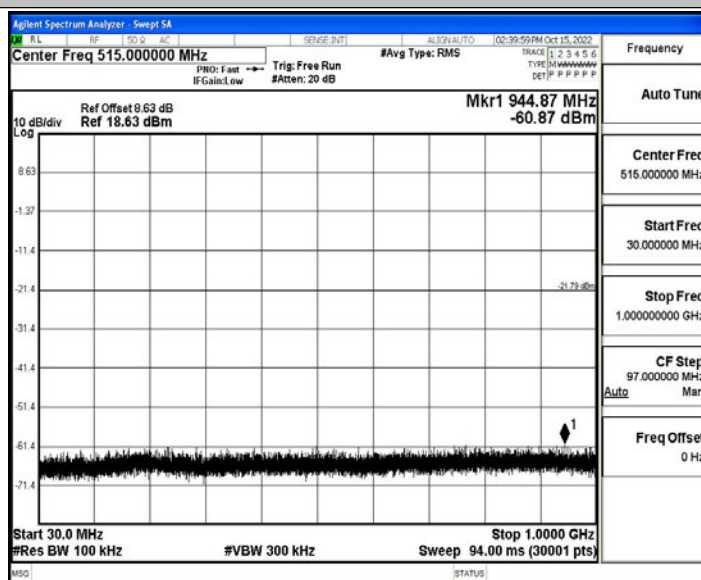
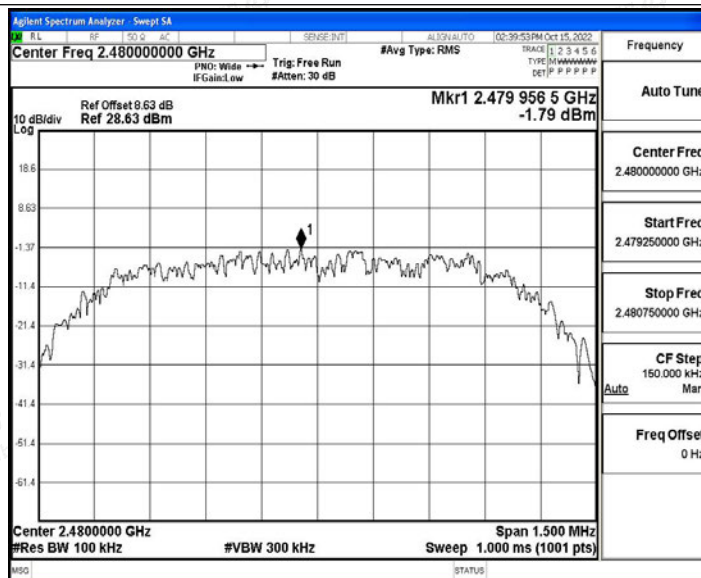


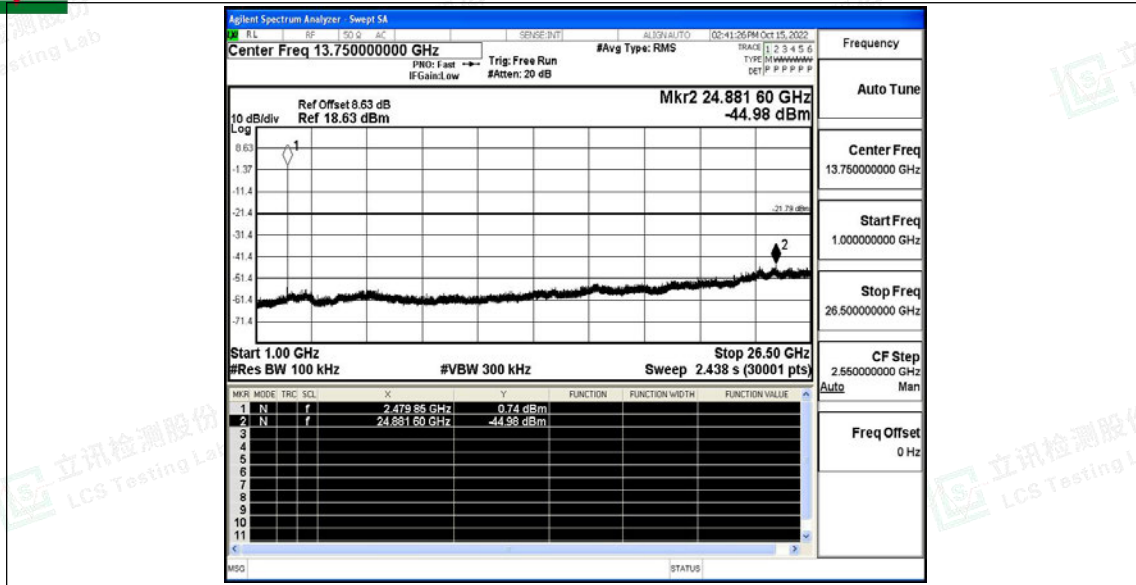
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference









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	-58.04	≤-41.20	37.16	≤54	PASS
				AV	2388.410	-57.33	≤-41.20	37.87	≤54	PASS
				AV	2390.000	-57.44	≤-41.20	37.76	≤54	PASS
				Peak	2310.000	-52.47	≤-21.20	42.73	≤74	PASS
				Peak	2324.045	-48.71	≤-21.20	46.49	≤74	PASS
				Peak	2390.000	-54.7	≤-21.20	40.50	≤74	PASS
		High	2480	AV	2483.500	-52.83	≤-41.20	42.37	≤54	PASS
				AV	2483.520	-52.83	≤-41.20	42.37	≤54	PASS
				AV	2500.000	-57.05	≤-41.20	38.15	≤54	PASS
				Peak	2483.500	-51.18	≤-21.20	44.02	≤74	PASS
				Peak	2484.400	-47.93	≤-21.20	47.27	≤74	PASS
				Peak	2500.000	-50.44	≤-21.20	44.76	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-49.73	≤-21.20	45.47	≤74	PASS
				Peak	2380.955	-48.04	≤-21.20	47.16	≤74	PASS
				Peak	2390.000	-50.38	≤-21.20	44.82	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-49.28	≤-21.20	45.92	≤74	PASS
				Peak	2490.080	-47	≤-21.20	48.20	≤74	PASS
				Peak	2500.000	-48.82	≤-21.20	46.38	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-57.94	≤-41.20	37.26	≤54	PASS
				AV	2386.940	-57.36	≤-41.20	37.84	≤54	PASS
				AV	2390.000	-57.66	≤-41.20	37.54	≤54	PASS
				Peak	2310.000	-52.45	≤-21.20	42.75	≤74	PASS
				Peak	2310.920	-48.49	≤-21.20	46.71	≤74	PASS
				Peak	2390.000	-53.1	≤-21.20	42.10	≤74	PASS
		High	2480	AV	2483.500	-52.44	≤-41.20	42.76	≤54	PASS
				AV	2483.520	-52.44	≤-41.20	42.76	≤54	PASS
				AV	2500.000	-57.19	≤-41.20	38.01	≤54	PASS
				Peak	2483.500	-49.96	≤-21.20	45.24	≤74	PASS
				Peak	2483.920	-48.42	≤-21.20	46.78	≤74	PASS
				Peak	2500.000	-50.85	≤-21.20	44.35	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-50.06	≤-21.20	45.14	≤74	PASS
				Peak	2382.110	-47.63	≤-21.20	47.57	≤74	PASS
				Peak	2390.000	-48.75	≤-21.20	46.45	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-49.14	≤-21.20	46.06	≤74	PASS
				Peak	2494.320	-46.76	≤-21.20	48.44	≤74	PASS



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3DH5	Ant1	Low	2402	Peak	2500.000	-48.63	≤-21.20	46.57	≤74	PASS
				AV	2310.000	-57.99	≤-41.20	37.21	≤54	PASS
				AV	2378.645	-57.31	≤-41.20	37.89	≤54	PASS
				AV	2390.000	-57.58	≤-41.20	37.62	≤54	PASS
				Peak	2310.000	-52.47	≤-21.20	42.73	≤74	PASS
				Peak	2312.075	-48.51	≤-21.20	46.69	≤74	PASS
		High	2480	Peak	2390.000	-53.24	≤-21.20	41.96	≤74	PASS
				AV	2483.500	-56.49	≤-41.20	38.71	≤54	PASS
				AV	2484.080	-56.35	≤-41.20	38.85	≤54	PASS
				AV	2500.000	-56.94	≤-41.20	38.26	≤54	PASS
				Peak	2483.500	-51.55	≤-21.20	43.65	≤74	PASS
				Peak	2497.840	-47.04	≤-21.20	48.16	≤74	PASS
		Low	Hop_24 02	Peak	2500.000	-50.77	≤-21.20	44.43	≤74	PASS
				Peak	2310.000	-49.06	≤-21.20	46.14	≤74	PASS
				Peak	2341.895	-46.81	≤-21.20	48.39	≤74	PASS
		High	Hop_24 80	Peak	2390.000	-50.23	≤-21.20	44.97	≤74	PASS
				Peak	2483.500	-48.23	≤-21.20	46.97	≤74	PASS
				Peak	2487.520	-46.55	≤-21.20	48.65	≤74	PASS
				Peak	2500.000	-48.61	≤-21.20	46.59	≤74	PASS

Note:

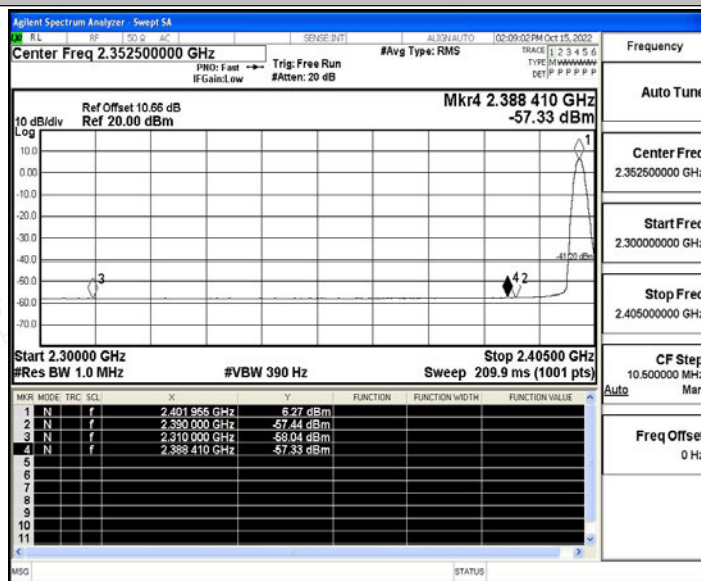
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



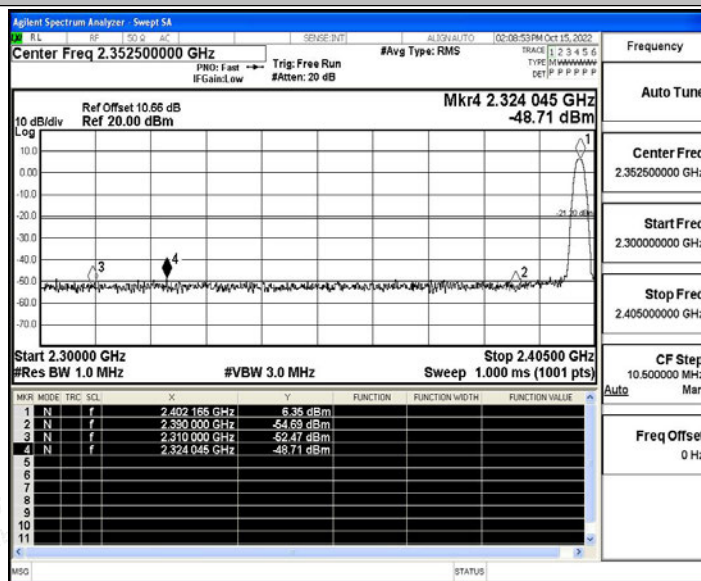


Test Graphs

DH5_Ant1_Low_2402_AV

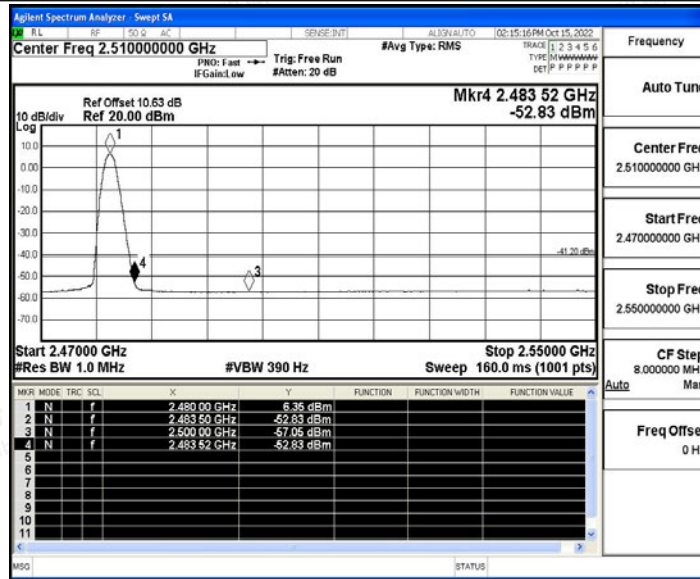


DH5_Ant1_Low_2402_Peak

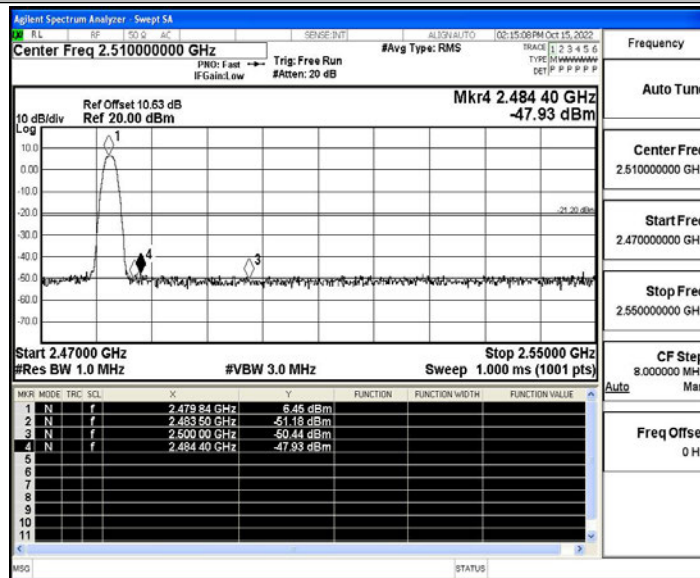


DH5_Ant1_High_2480_AV



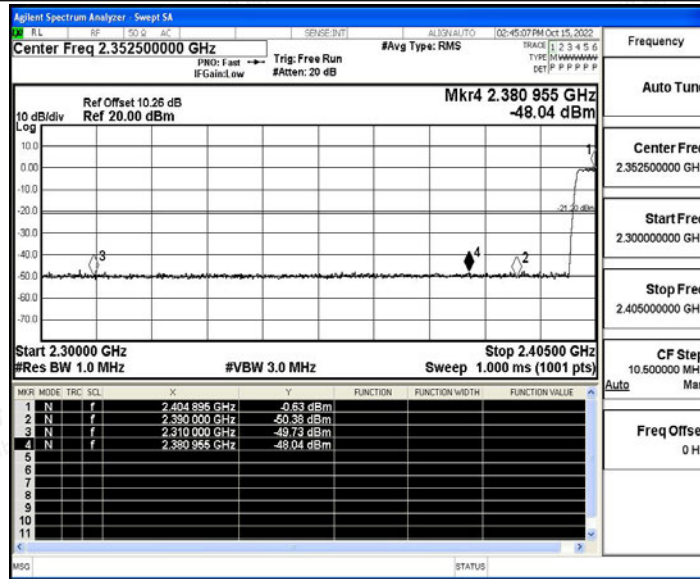


DH5_Ant1_High_2480_Peak

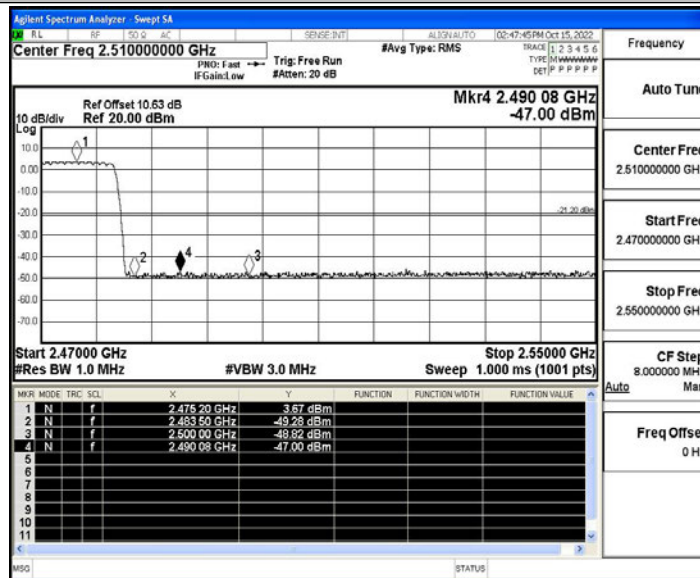


DH5_Ant1_Low_Hop_2402_Peak



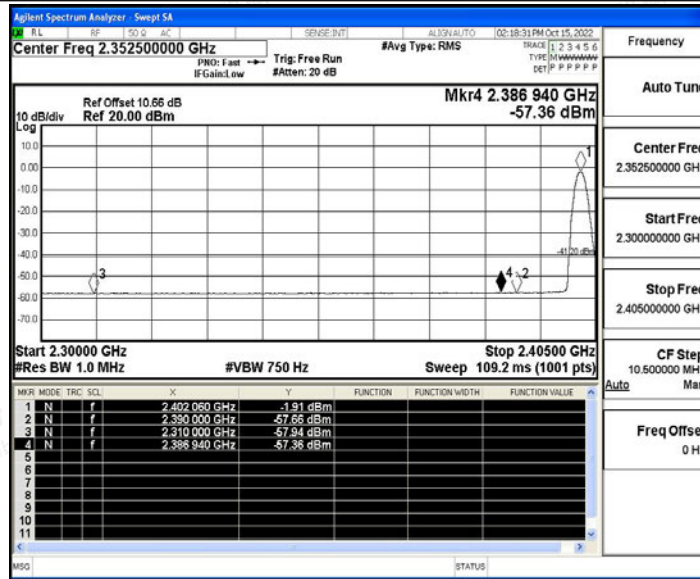


DH5_Ant1_High_Hop_2480_Peak

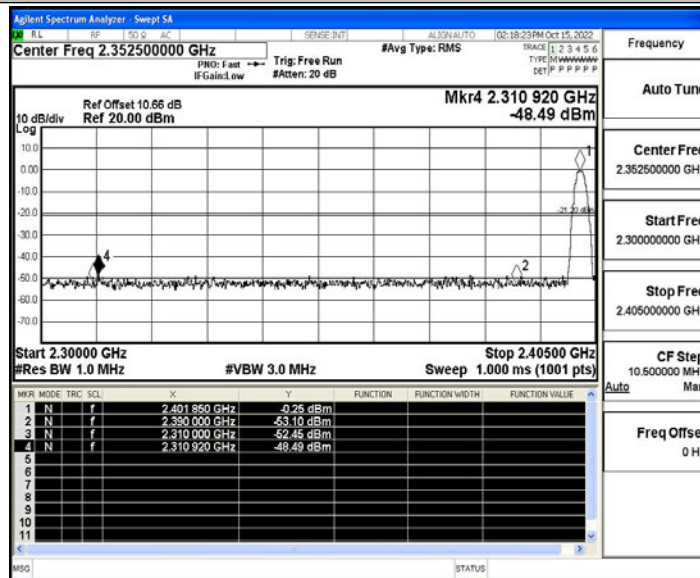


2DH5_Ant1_Low_2402_AV





2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV

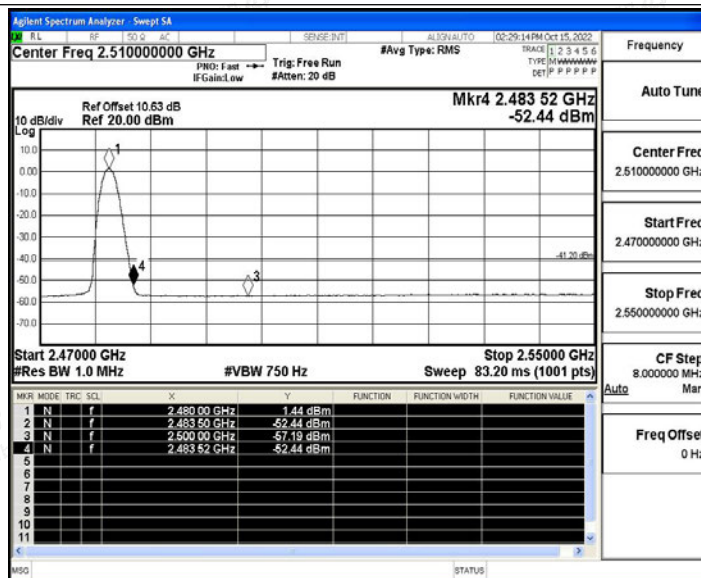


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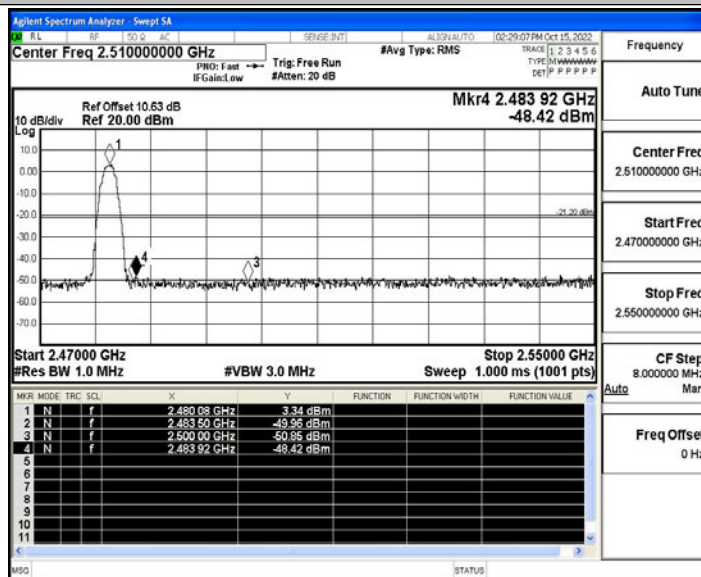
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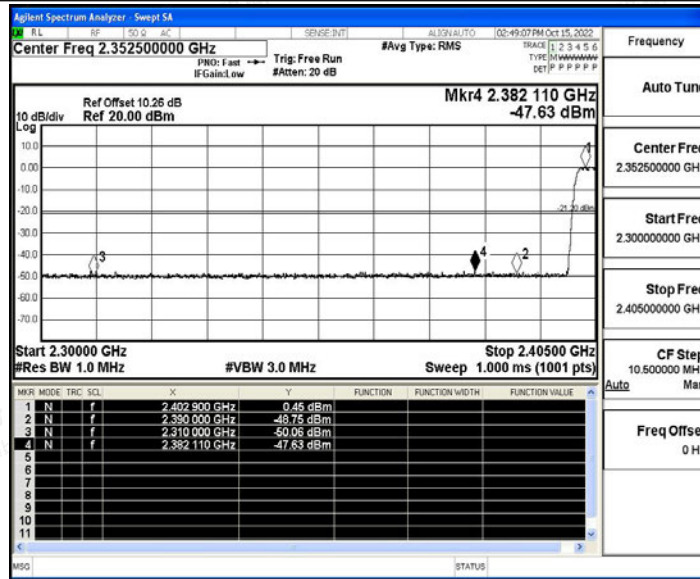


2DH5_Ant1_High_2480_Peak

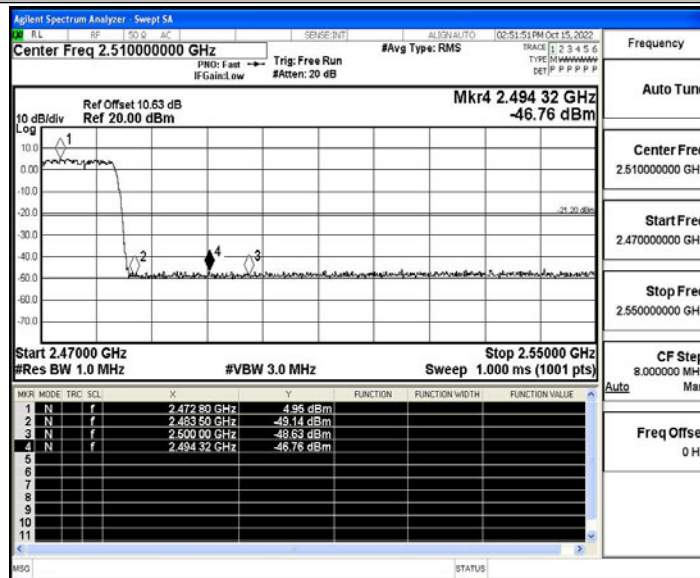


2DH5_Ant1_Low_Hop_2402_Peak



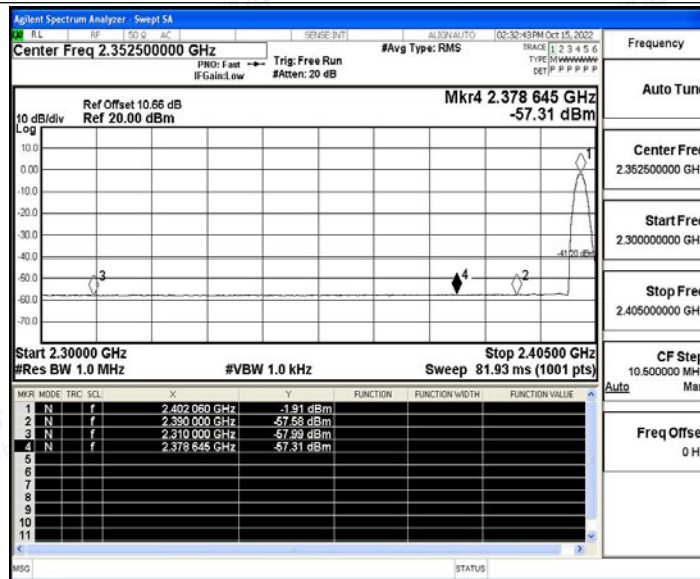


2DH5_Ant1_High_Hop_2480_Peak

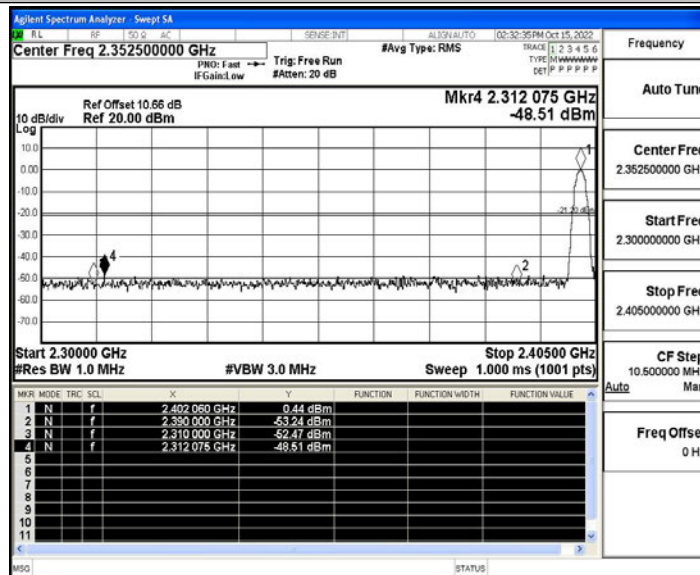


3DH5_Ant1_Low_2402_AV



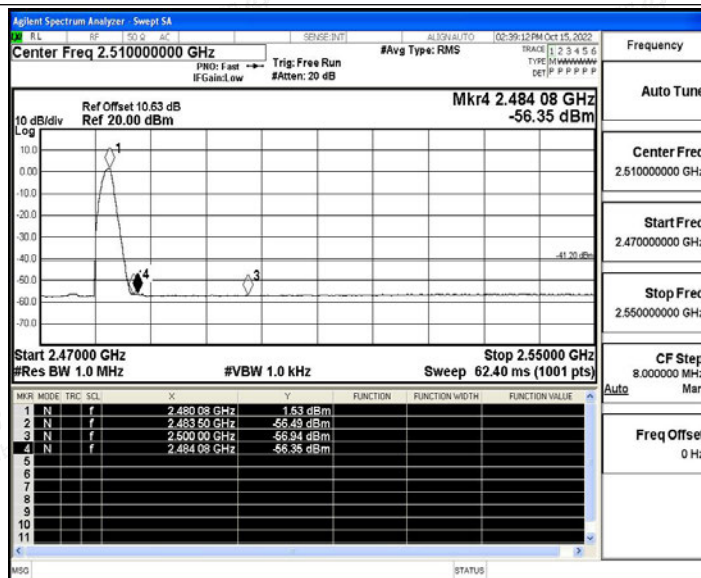


3DH5_Ant1_Low_2402_Peak

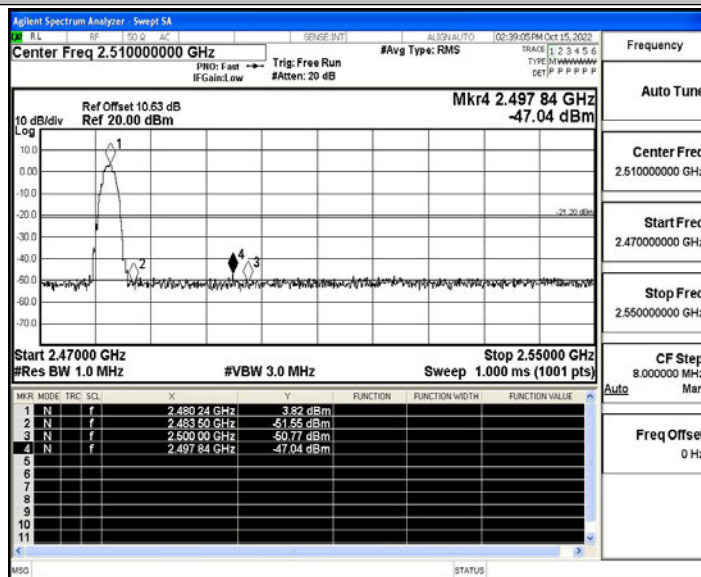


3DH5_Ant1_High_2480_AV





3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak

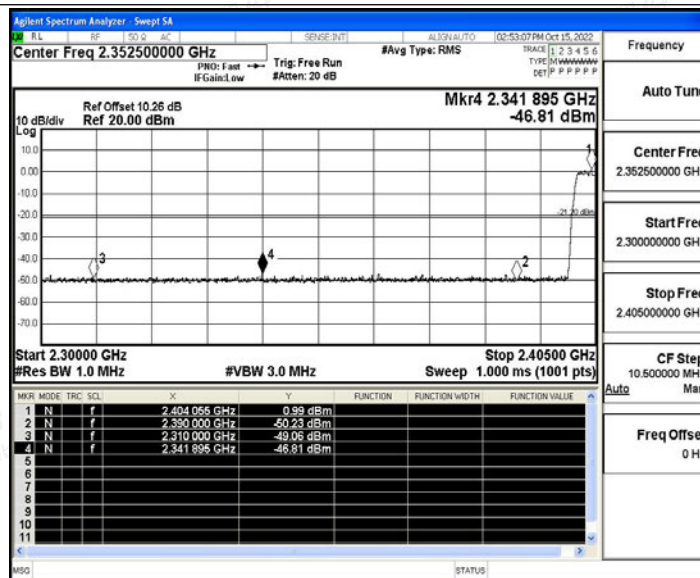


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3DH5_Ant1_High_Hop_2480_Peak

