



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet PC

Test Model: K750

Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Li Huan





A.1 20dB Emission Bandwidth

Test Result

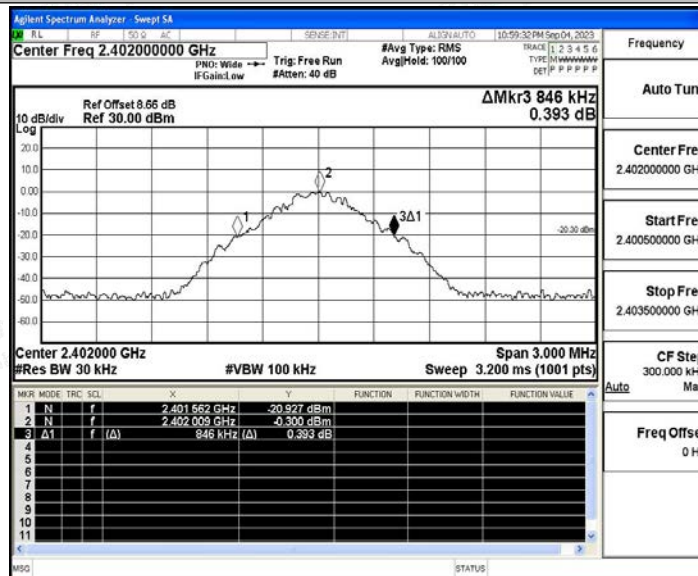
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	0.846	2401.562	2402.408	---
		2441	0.852	2440.547	2441.399	---
		2480	0.822	2479.586	2480.408	---
2DH5	Ant1	2402	1.281	2401.361	2402.642	---
		2441	1.293	2440.358	2441.651	---
		2480	1.284	2479.358	2480.642	---
3DH5	Ant1	2402	1.275	2401.352	2402.627	---
		2441	1.272	2440.352	2441.624	---
		2480	1.296	2479.346	2480.642	---



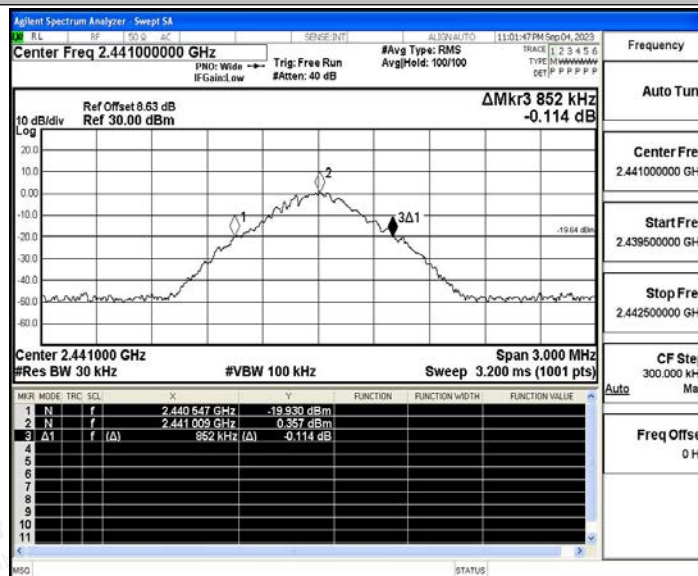


Test Graphs

DH5_Ant1_2402

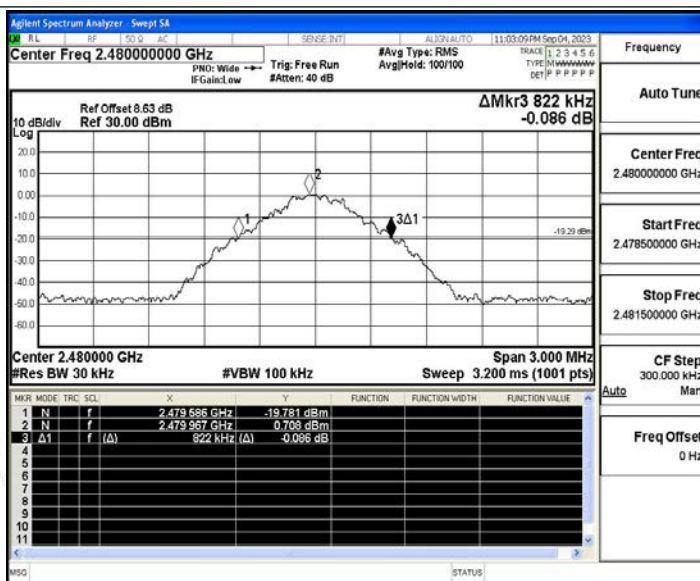


DH5_Ant1_2441

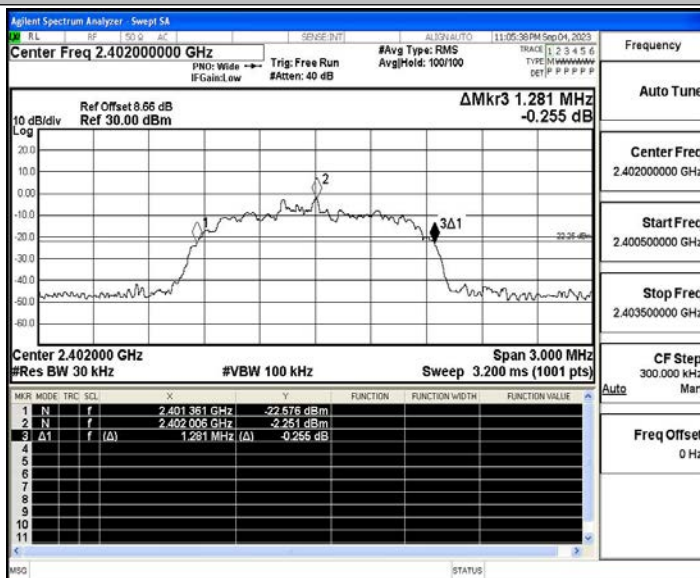


DH5_Ant1_2480





2DH5_Ant1_2402



2DH5_Ant1_2441

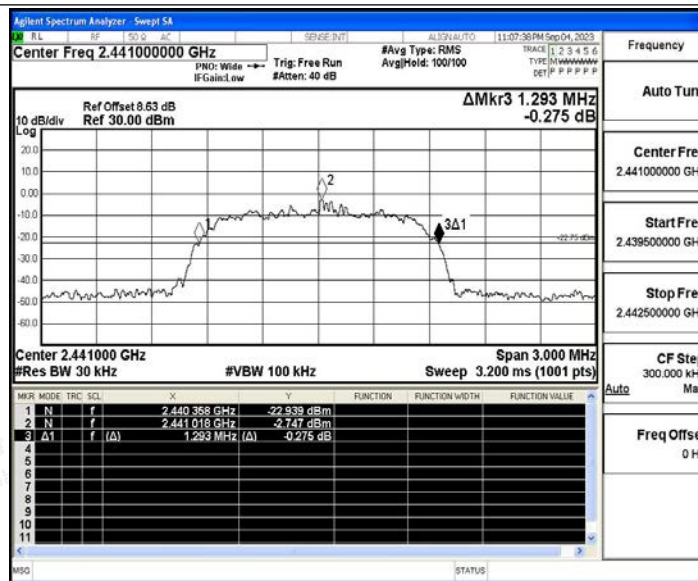


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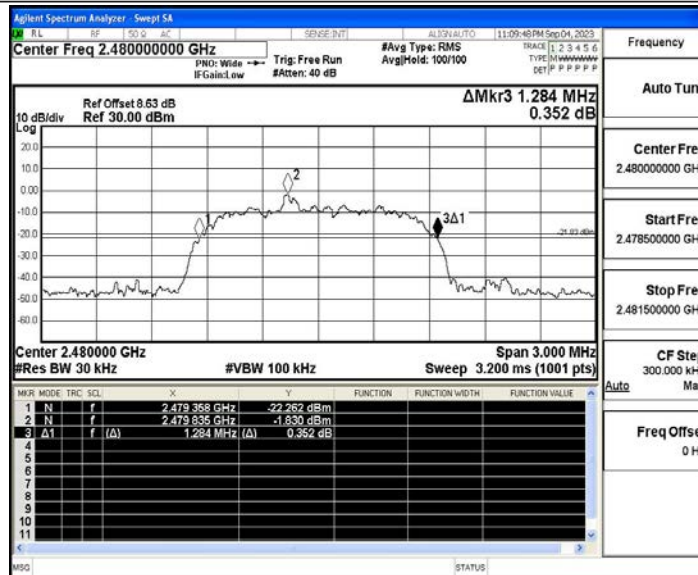
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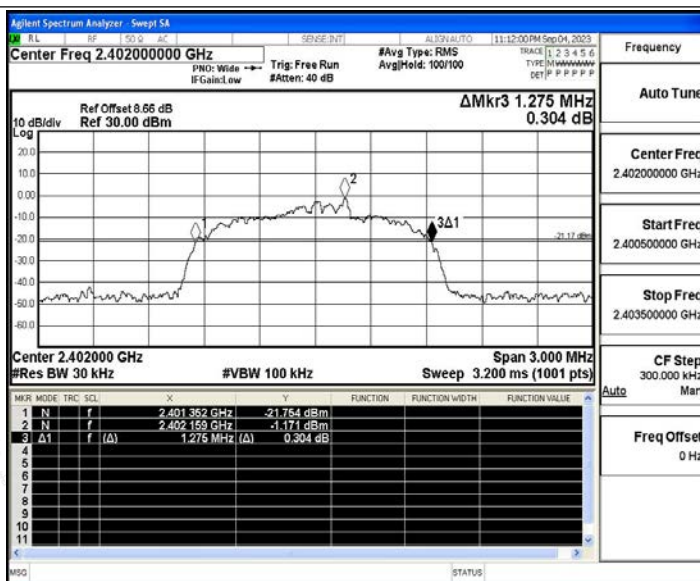


2DH5_Ant1_2480

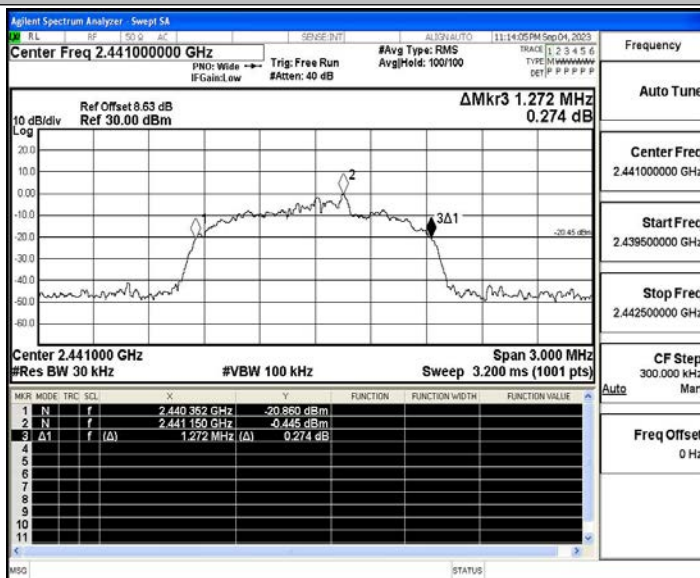


3DH5_Ant1_2402





3DH5_Ant1_2441



3DH5_Ant1_2480

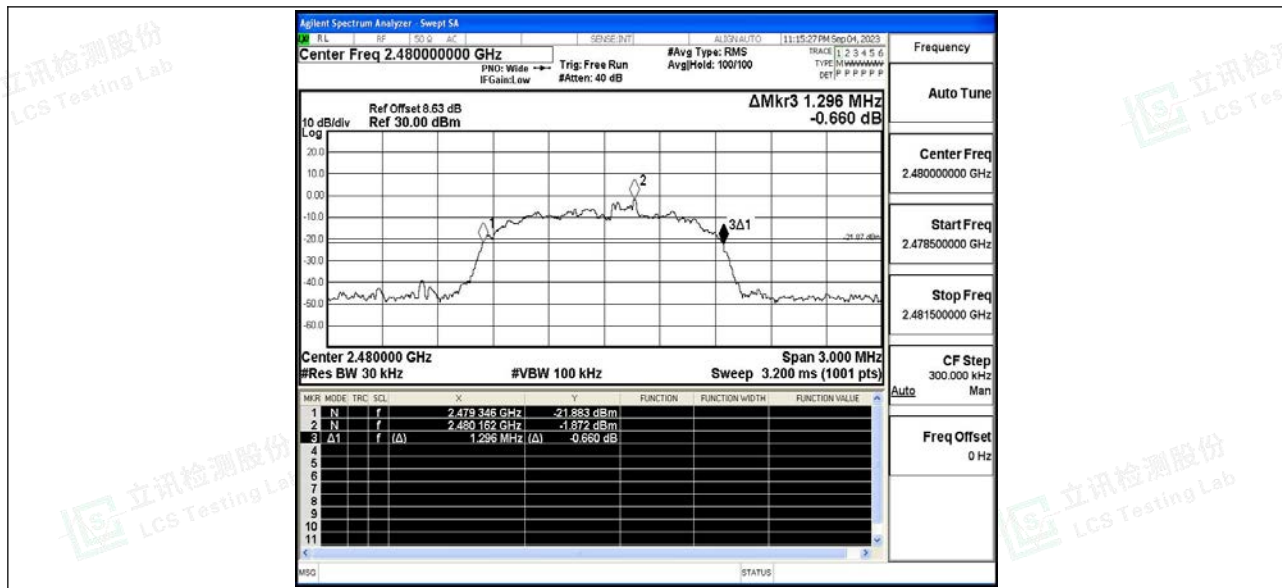


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A.2 Maximum conducted output power

Test Result

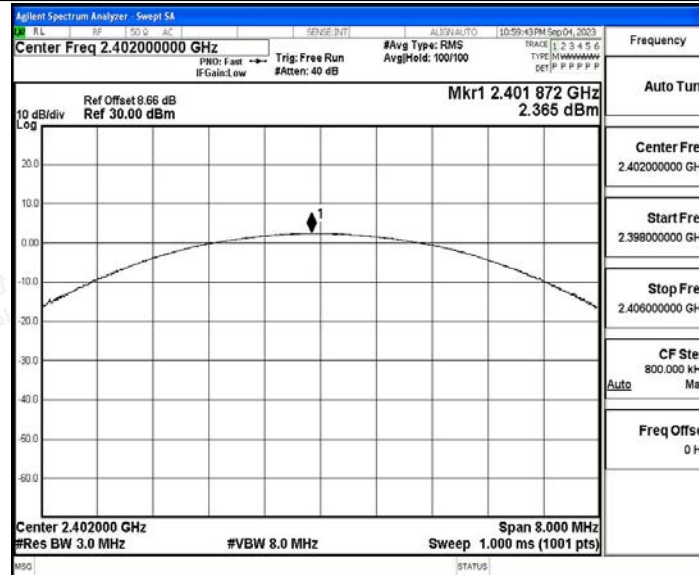
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.37	≤20.97	PASS
		2441	3.06	≤20.97	PASS
		2480	3.5	≤20.97	PASS
2DH5	Ant1	2402	1.7	≤20.97	PASS
		2441	2.28	≤20.97	PASS
		2480	2.65	≤20.97	PASS
3DH5	Ant1	2402	1.6	≤20.97	PASS
		2441	2.24	≤20.97	PASS
		2480	2.63	≤20.97	PASS



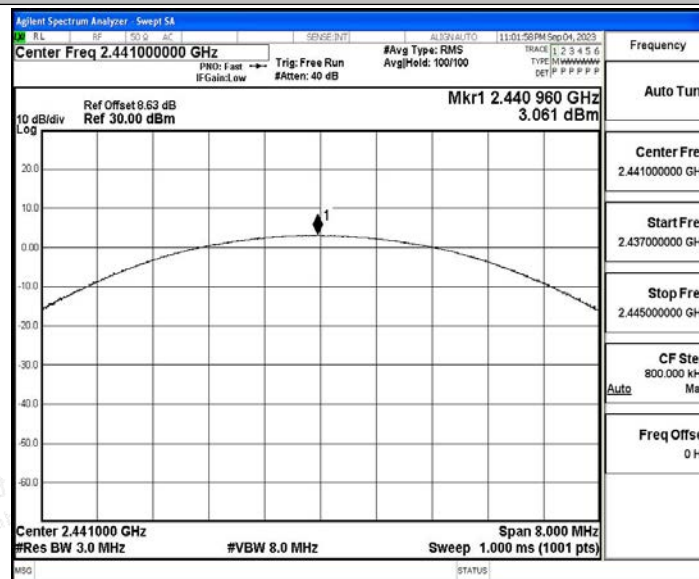


Test Graphs

DH5_Ant1_2402

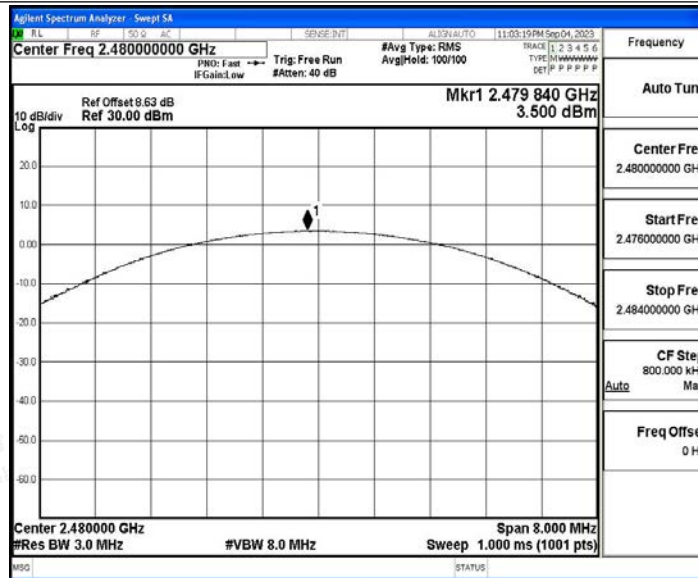


DH5_Ant1_2441

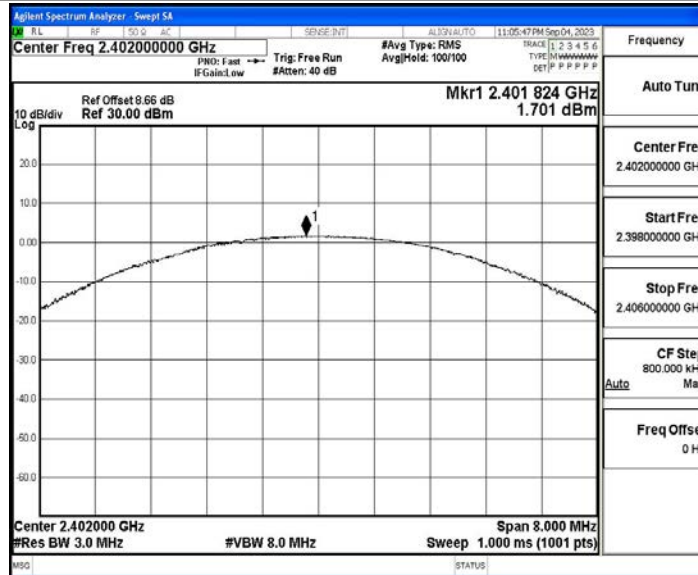


DH5_Ant1_2480



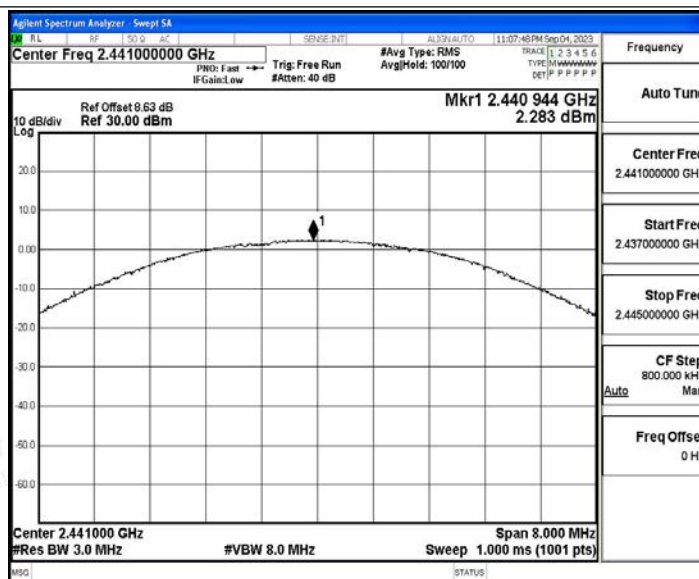


2DH5_Ant1_2402

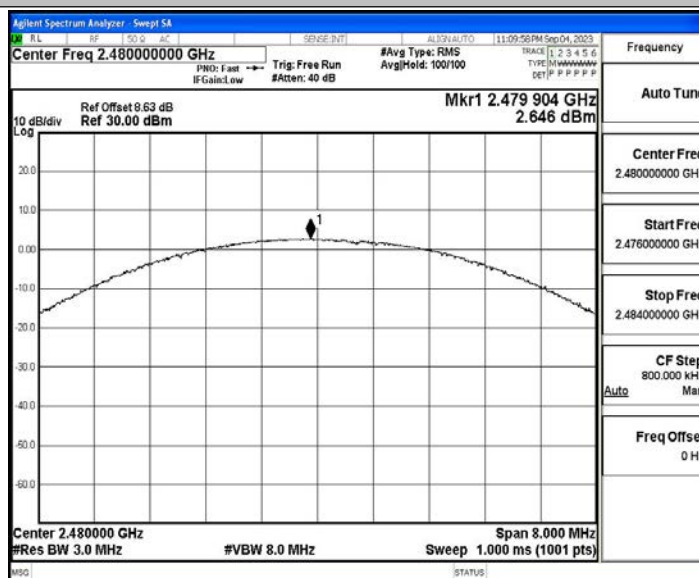


2DH5_Ant1_2441



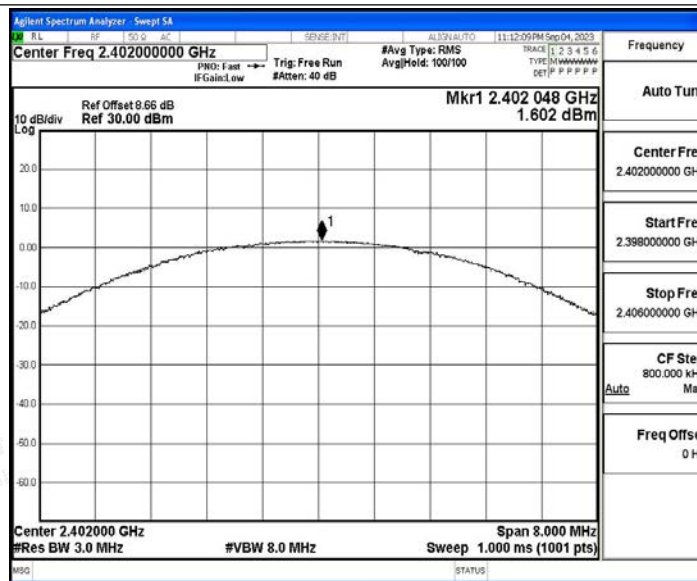


2DH5 Ant1 2480

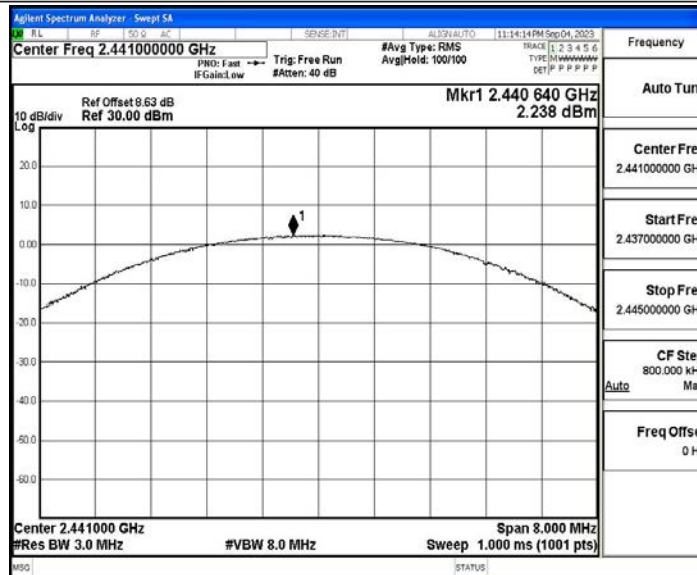


3DH5 Ant1 2402



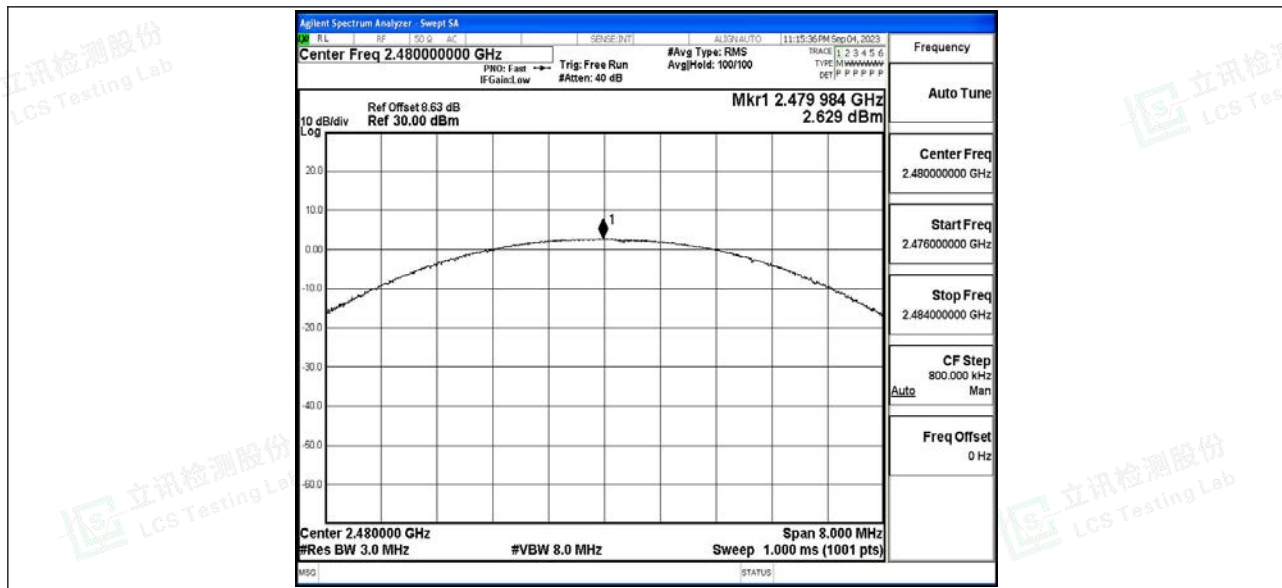


3DH5_Ant1_2441



3DH5_Ant1_2480







A.3 Carrier frequency separation

Test Result

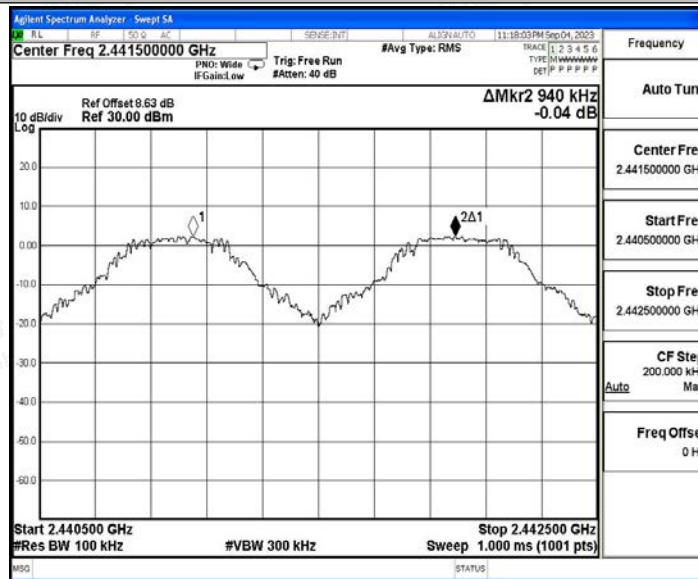
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.94	≥0.568	PASS
2DH5	Ant1	Hop	1.138	≥0.862	PASS
3DH5	Ant1	Hop	1.16	≥0.864	PASS



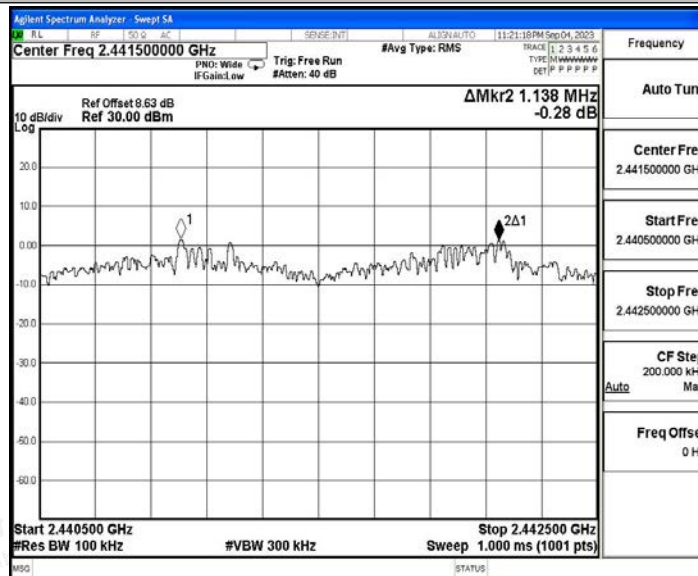


Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

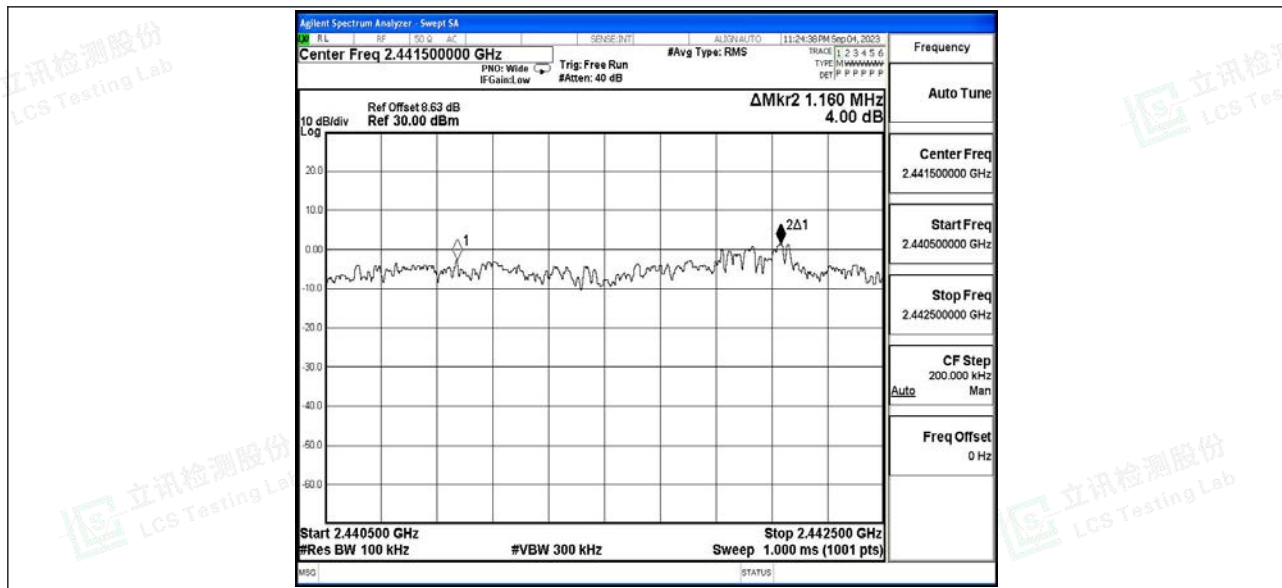


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A.4 Time of occupancy

Test Result

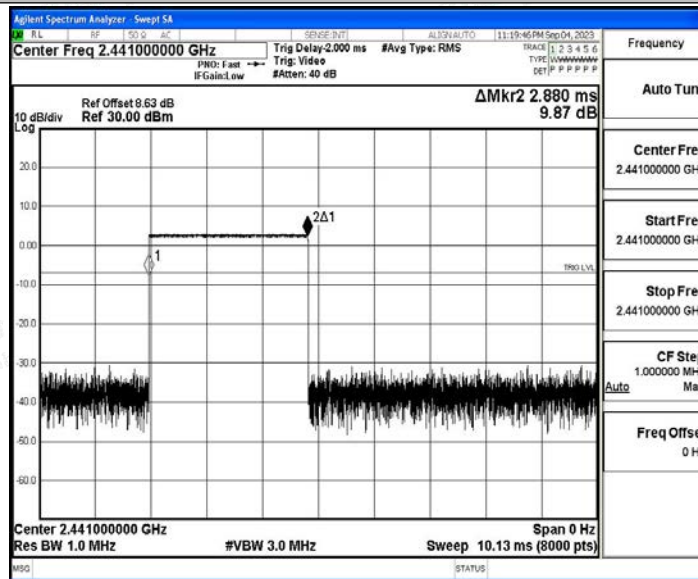
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.880	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.884	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.885	106.67	0.308	≤0.4	PASS



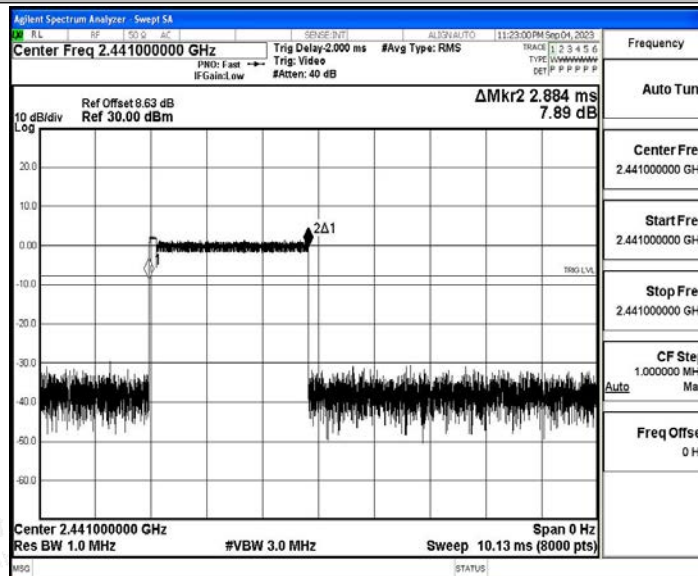


Test Graphs

DH5_Ant1_Hop

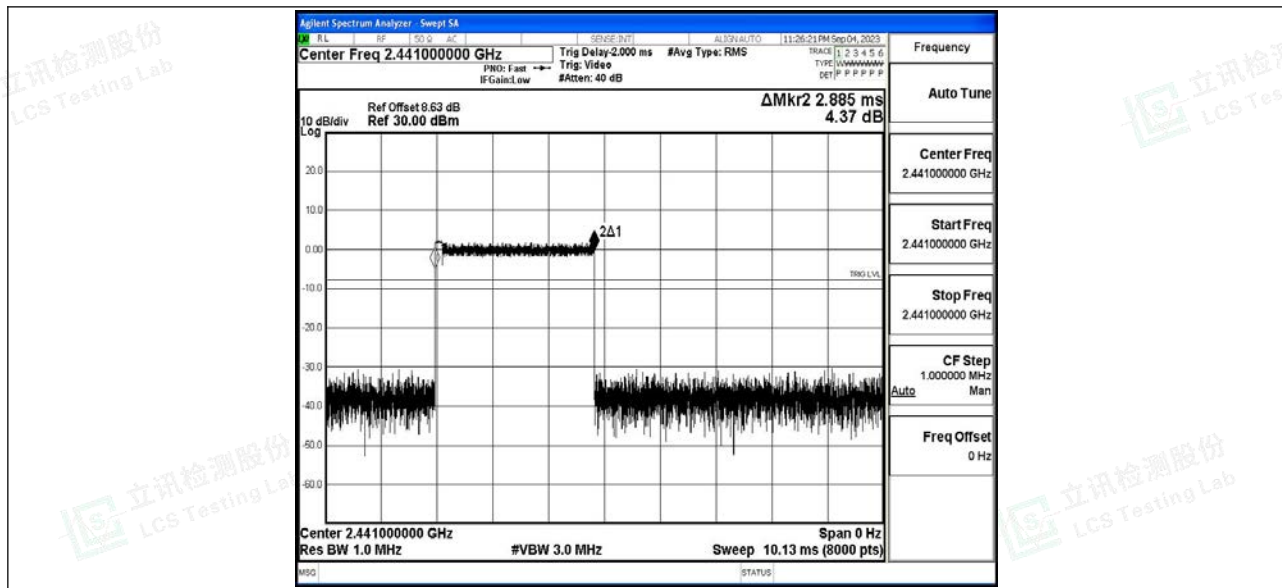


2DH5_Ant1_Hop



3DH5_Ant1_Hop







A.5 Number of hopping channels

Test Result

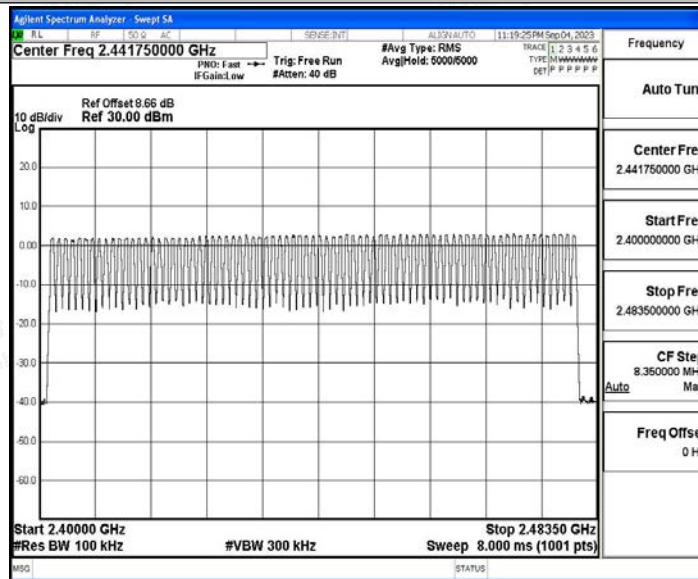
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



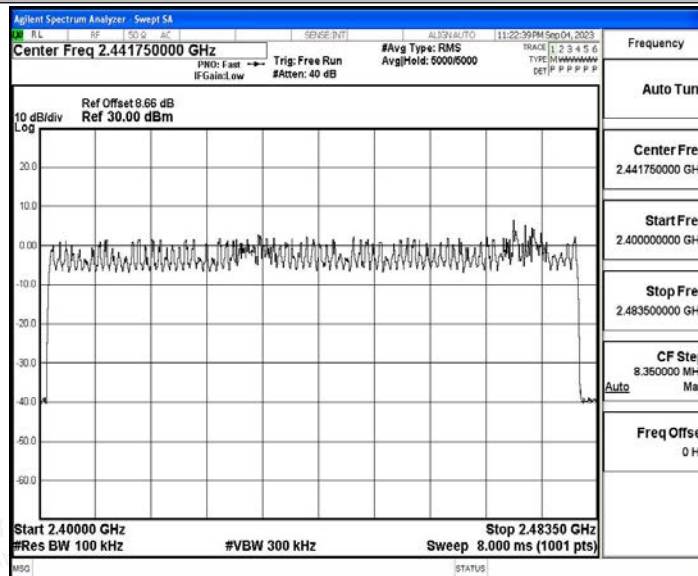


Test Graphs

DH5_Ant1_Hop

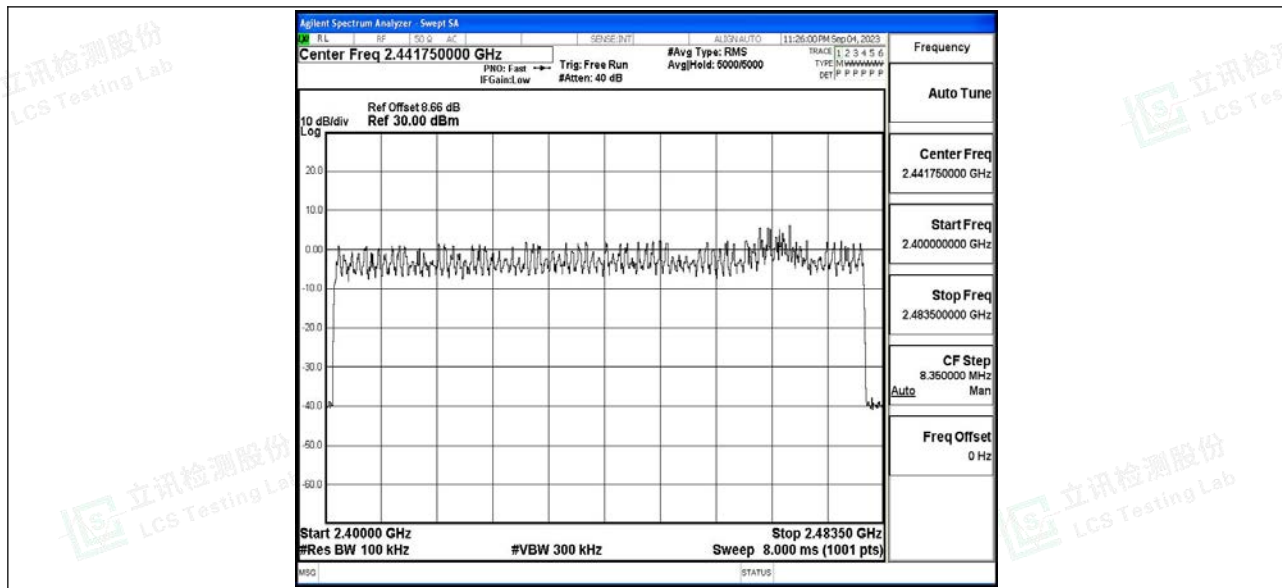


2DH5_Ant1_Hop



3DH5_Ant1_Hop







A.6 Band edge measurements

Test Result

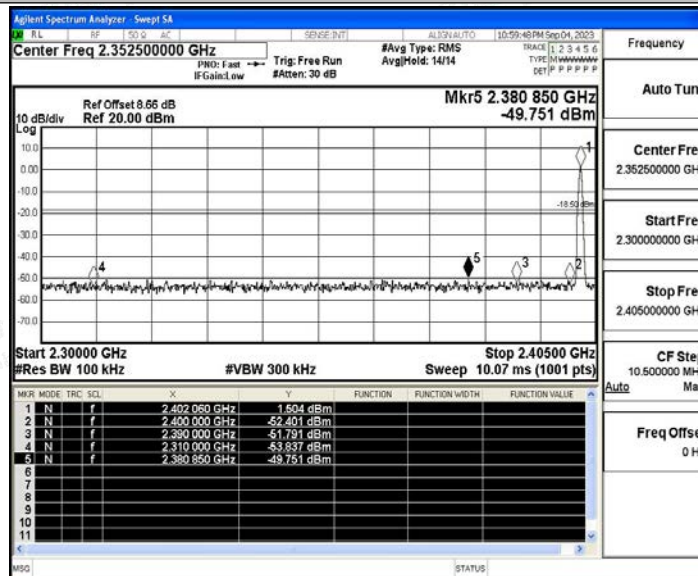
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.50	-49.75	≤ -18.5	PASS
		High	2480	2.97	-49.03	≤ -17.03	PASS
		Low	Hop_2402	1.30	-48.65	≤ -18.71	PASS
		High	Hop_2480	2.83	-47.24	≤ -17.17	PASS
2DH5	Ant1	Low	2402	-1.11	-49.73	≤ -21.11	PASS
		High	2480	-2.86	-49.24	≤ -22.86	PASS
		Low	Hop_2402	-3.68	-47.55	≤ -23.68	PASS
		High	Hop_2480	2.19	-47.85	≤ -17.82	PASS
3DH5	Ant1	Low	2402	-3.40	-50.16	≤ -23.4	PASS
		High	2480	-3.03	-48.55	≤ -23.03	PASS
		Low	Hop_2402	-3.04	-48.92	≤ -23.04	PASS
		High	Hop_2480	1.82	-47.26	≤ -18.18	PASS



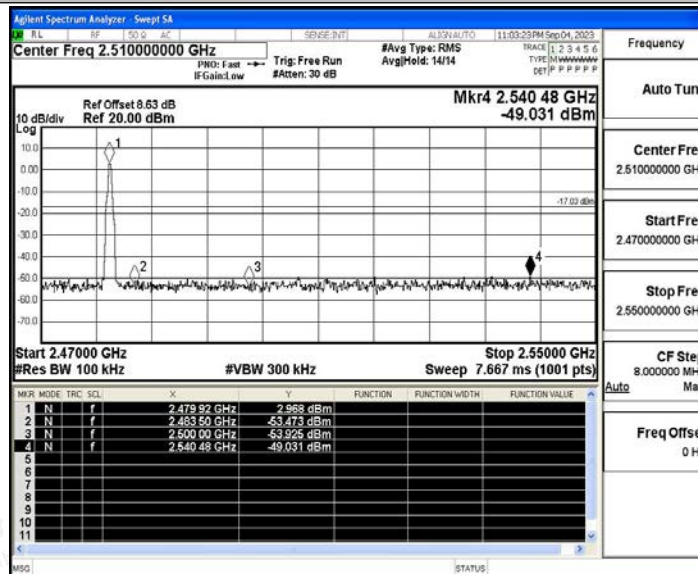


Test Graphs

DH5_Ant1_Low_2402

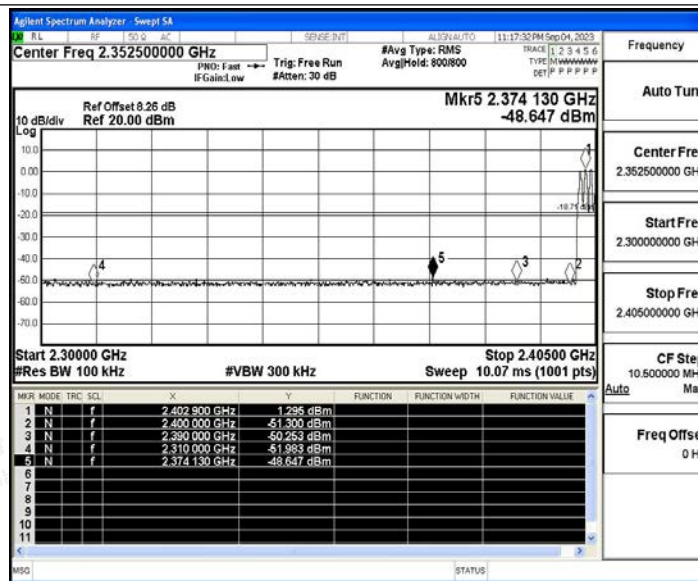


DH5_Ant1_High_2480

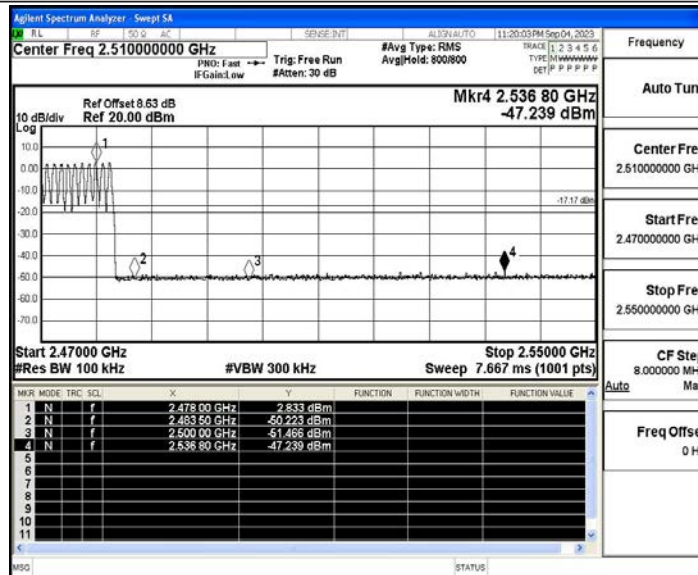


DH5_Ant1_Low_Hop_2402





DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

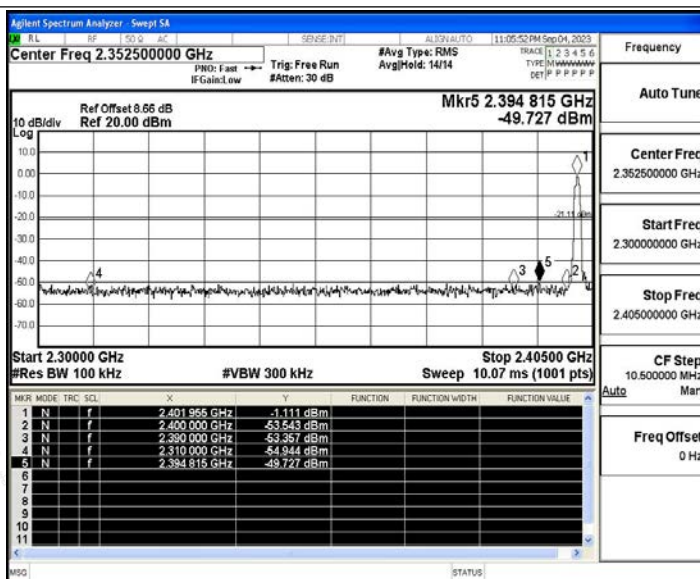


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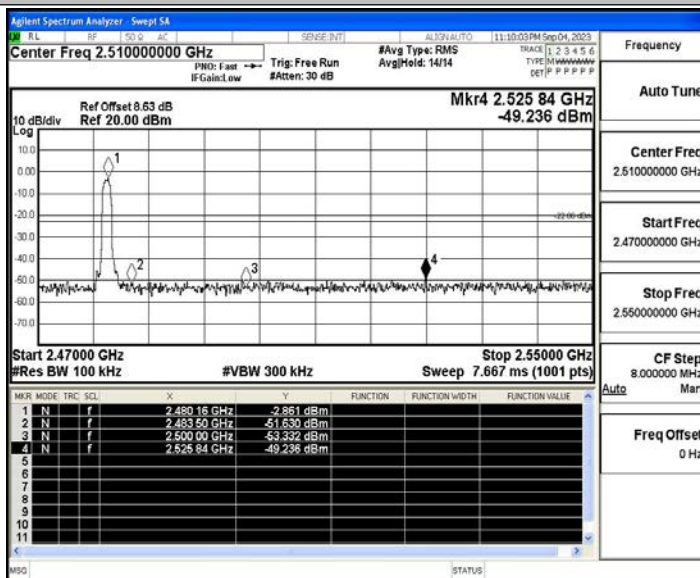
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2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402

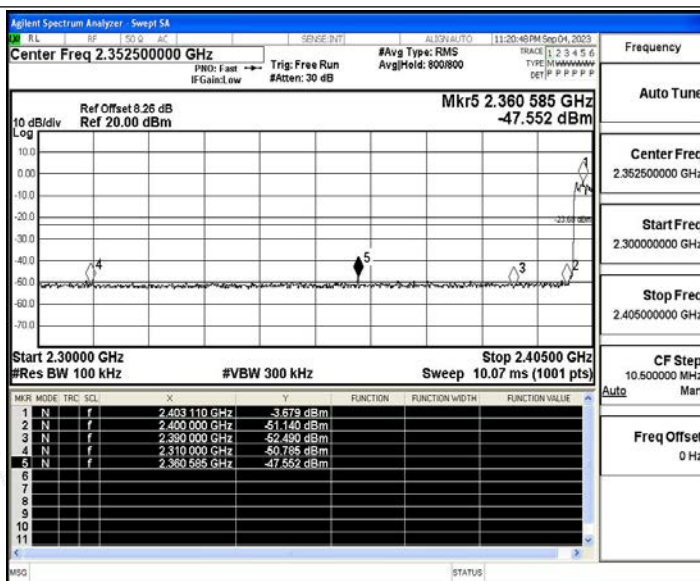


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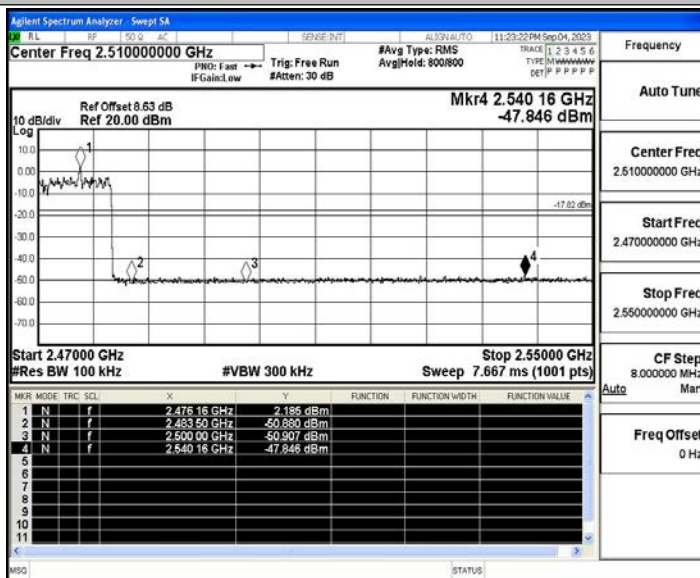
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2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

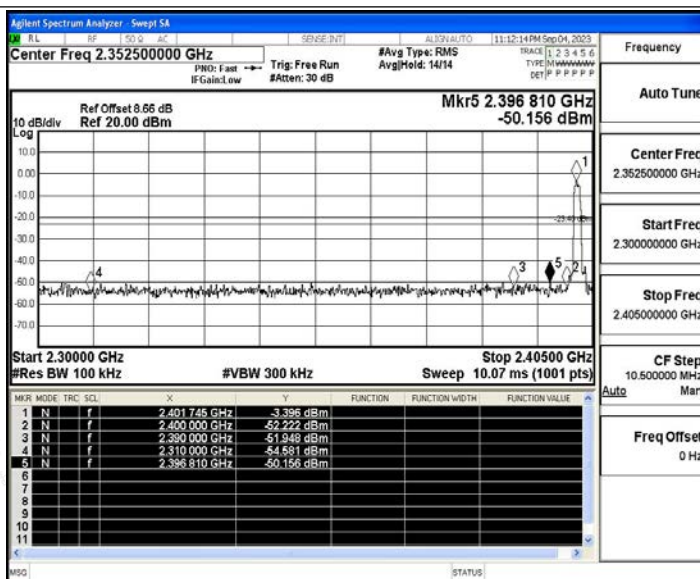


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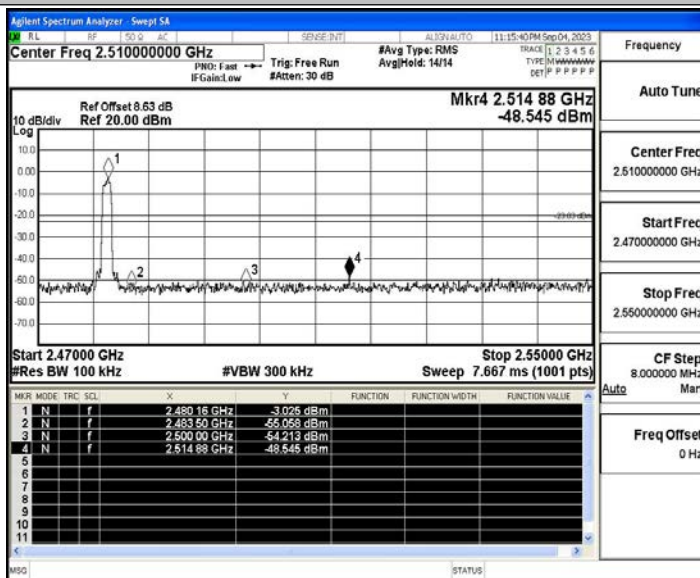
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402

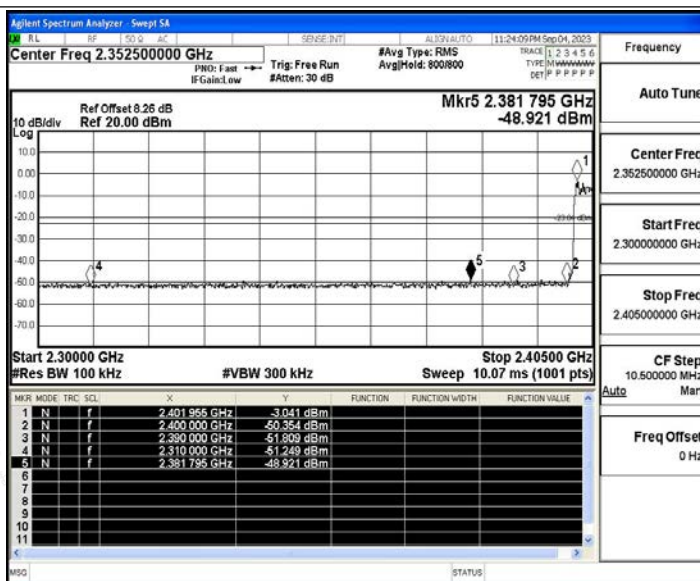


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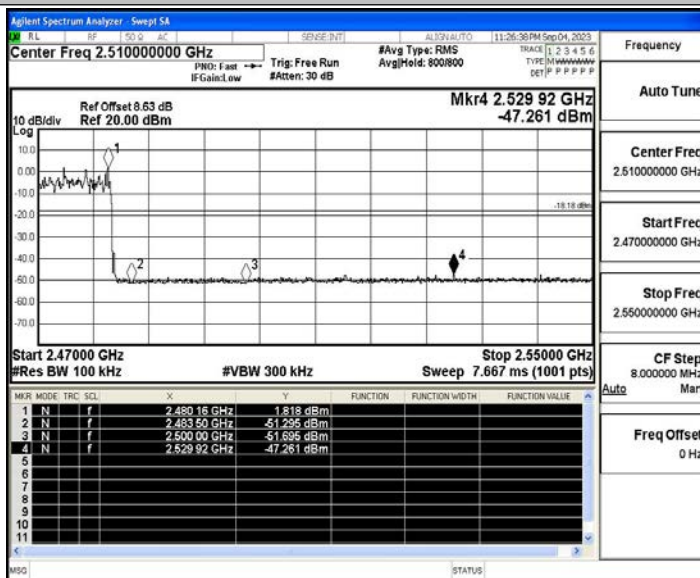
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3DH5_Ant1_High_Hop_2480



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A.7 Conducted Spurious Emission

Test Result

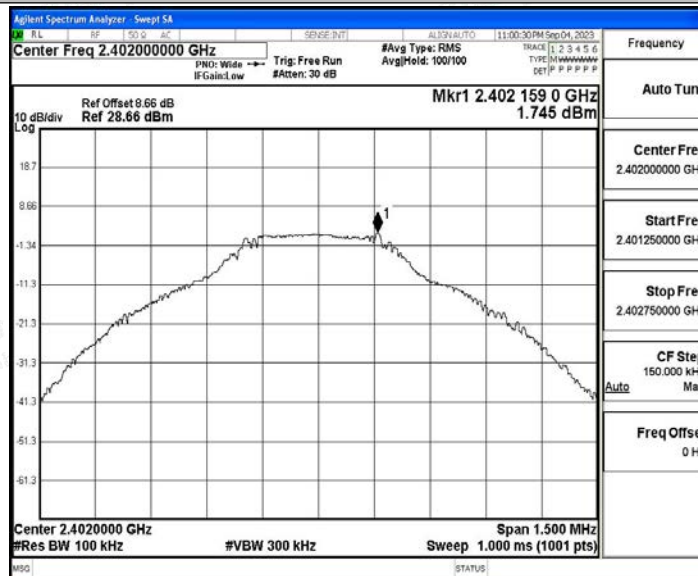
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.75	1.75	---	PASS
			30~1000	1.75	-61.13	≤-18.25	PASS
			1000~26500	1.75	-46.06	≤-18.25	PASS
		2441	Reference	2.18	2.18	---	PASS
			30~1000	2.18	-61.16	≤-17.82	PASS
			1000~26500	2.18	-46.61	≤-17.82	PASS
		2480	Reference	2.63	2.63	---	PASS
			30~1000	2.63	-60.36	≤-17.37	PASS
			1000~26500	2.63	-46.55	≤-17.37	PASS
2DH5	Ant1	2402	Reference	-3.18	-3.18	---	PASS
			30~1000	-3.18	-60.82	≤-23.18	PASS
			1000~26500	-3.18	-46.14	≤-23.18	PASS
		2441	Reference	1.54	1.54	---	PASS
			30~1000	1.54	-61.1	≤-18.46	PASS
			1000~26500	1.54	-46.94	≤-18.46	PASS
		2480	Reference	-0.64	-0.64	---	PASS
			30~1000	-0.64	-60.15	≤-20.64	PASS
			1000~26500	-0.64	-45.47	≤-20.64	PASS
3DH5	Ant1	2402	Reference	1.23	1.23	---	PASS
			30~1000	1.23	-60.91	≤-18.77	PASS
			1000~26500	1.23	-46.87	≤-18.77	PASS
		2441	Reference	-0.10	-0.10	---	PASS
			30~1000	-0.10	-61.04	≤-20.1	PASS
			1000~26500	-0.10	-47.18	≤-20.1	PASS
		2480	Reference	1.77	1.77	---	PASS
			30~1000	1.77	-60.95	≤-18.23	PASS
			1000~26500	1.77	-46.38	≤-18.23	PASS



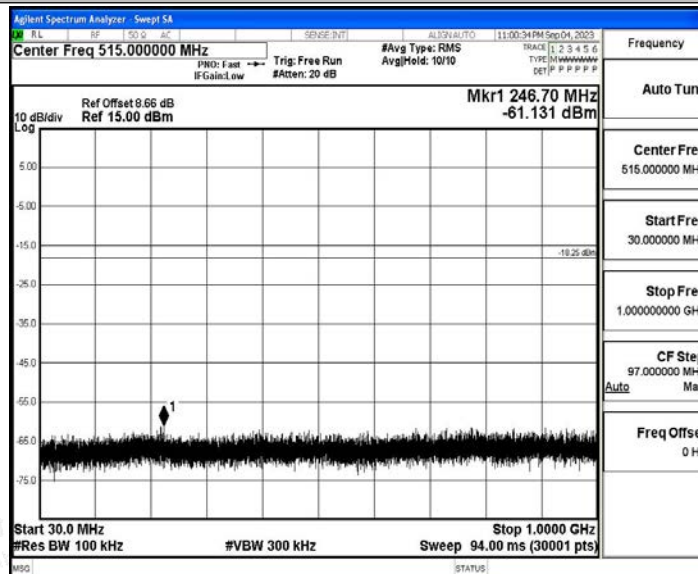


Test Graphs

DH5_Ant1_2402_0~Reference

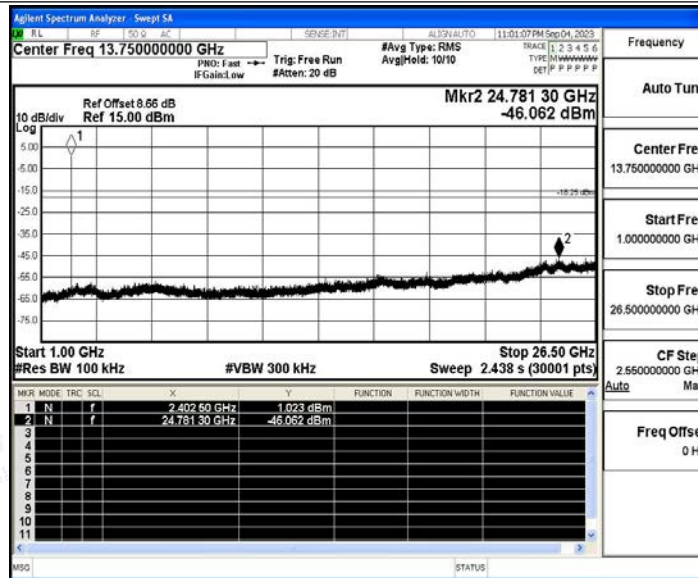


DH5_Ant1_2402_30~1000

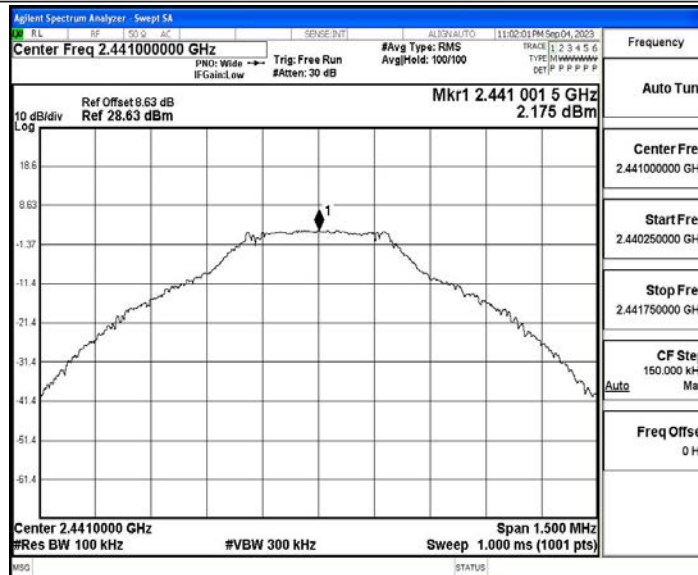


DH5_Ant1_2402_1000~26500



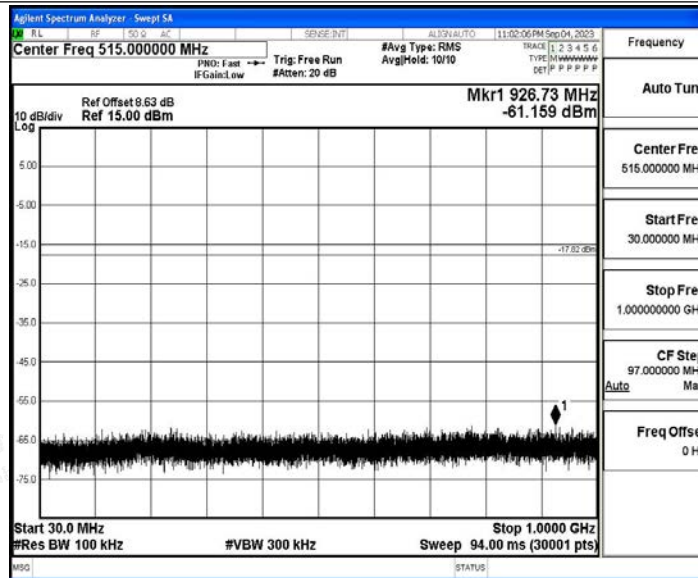


DH5_Ant1_2441_0~Reference

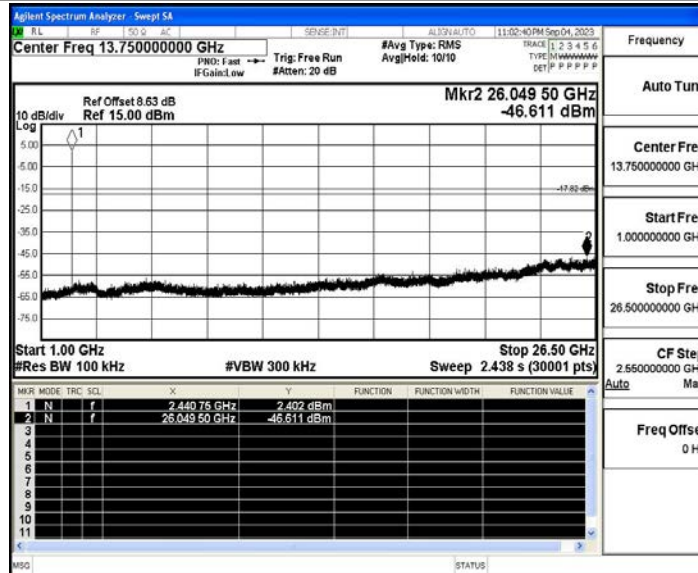


DH5_Ant1_2441_30~1000



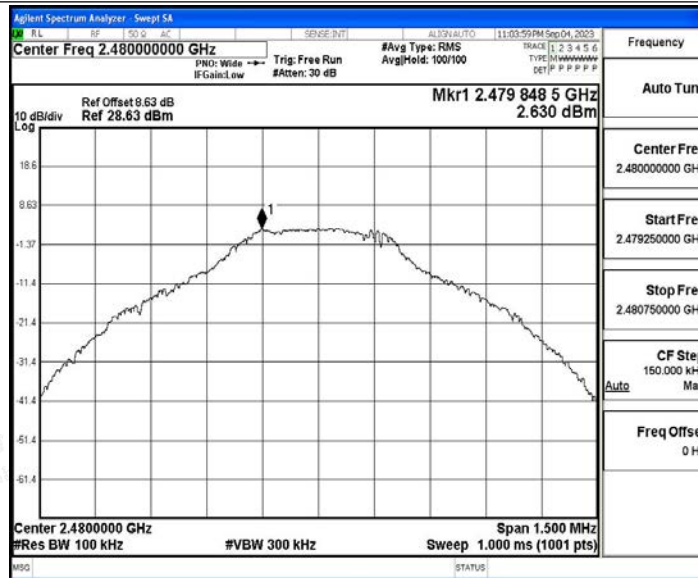


DH5_Ant1_2441_1000~26500

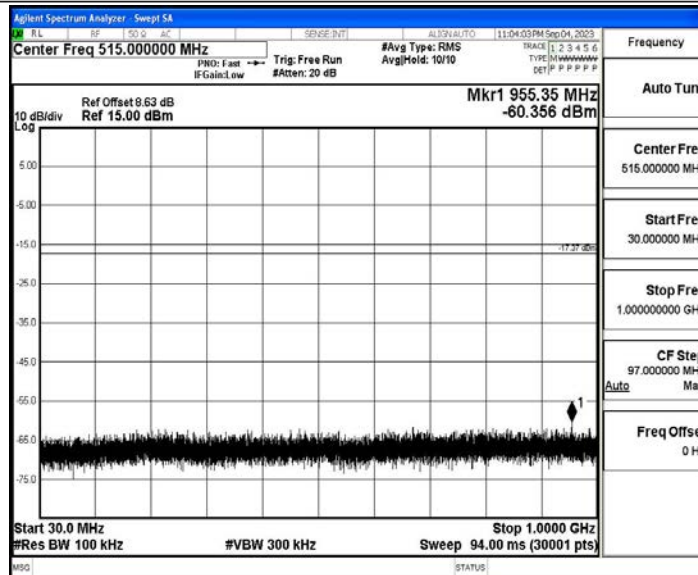


DH5_Ant1_2480_0~Reference



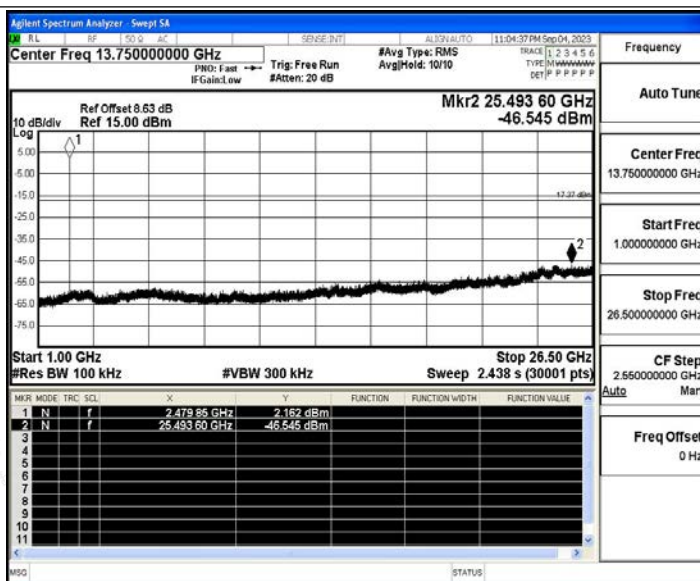


DH5_Ant1_2480_30~1000

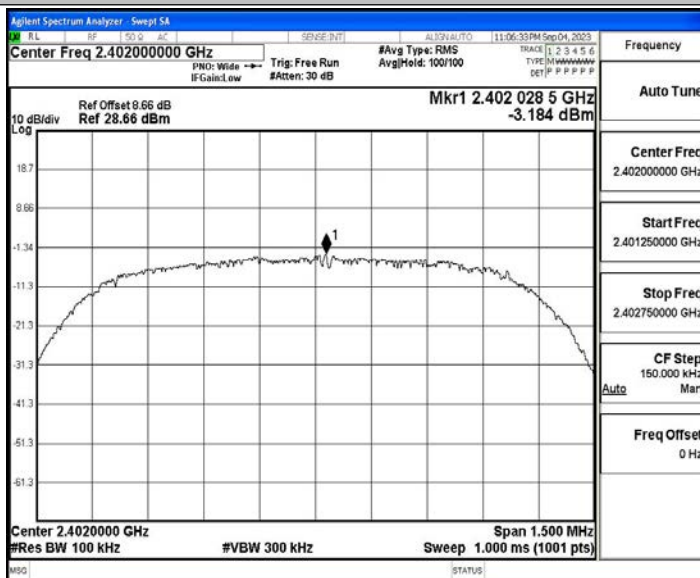


DH5_Ant1_2480_1000~26500





2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000

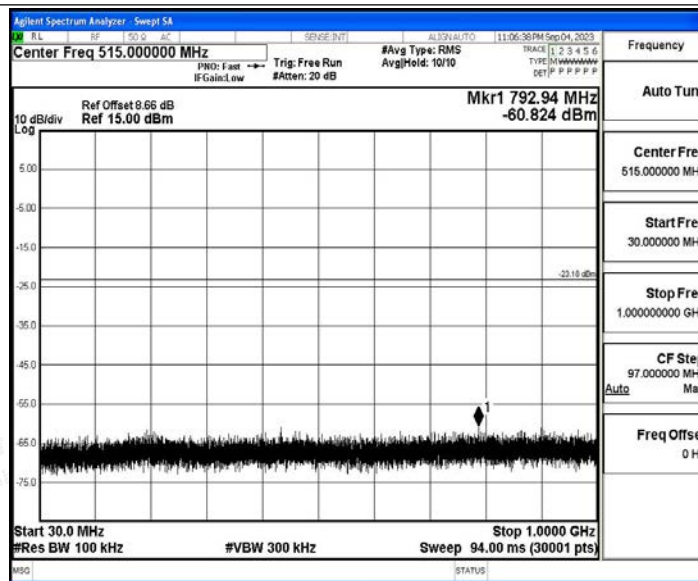


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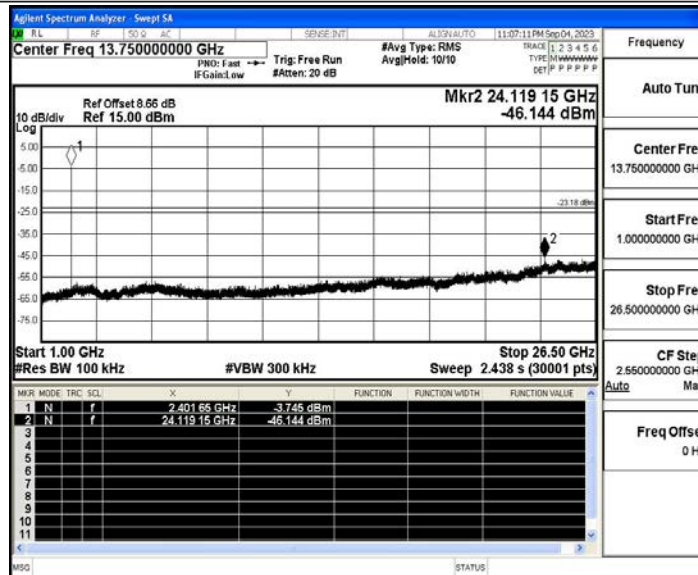
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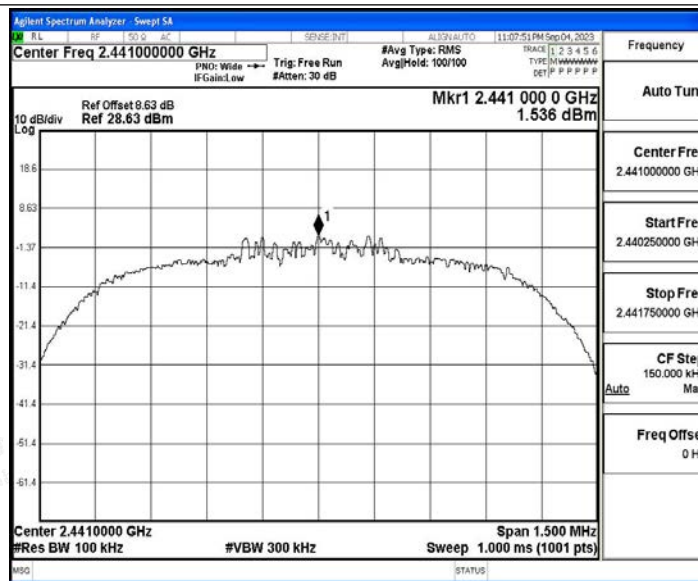


2DH5_Ant1_2402_1000~26500

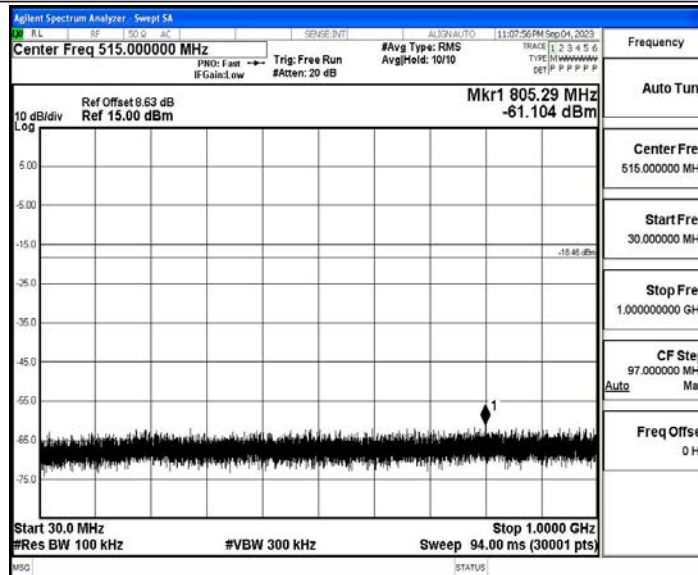


2DH5_Ant1_2441_0~Reference



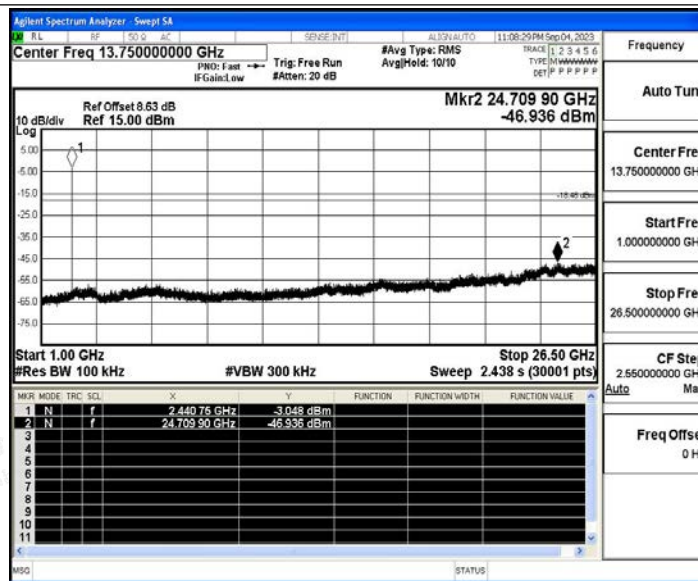


2DH5_Ant1_2441_30~1000

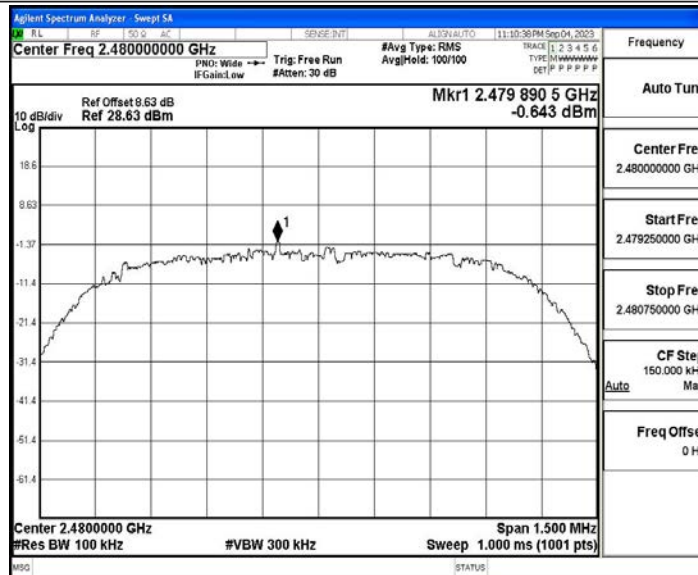


2DH5_Ant1_2441_1000~26500



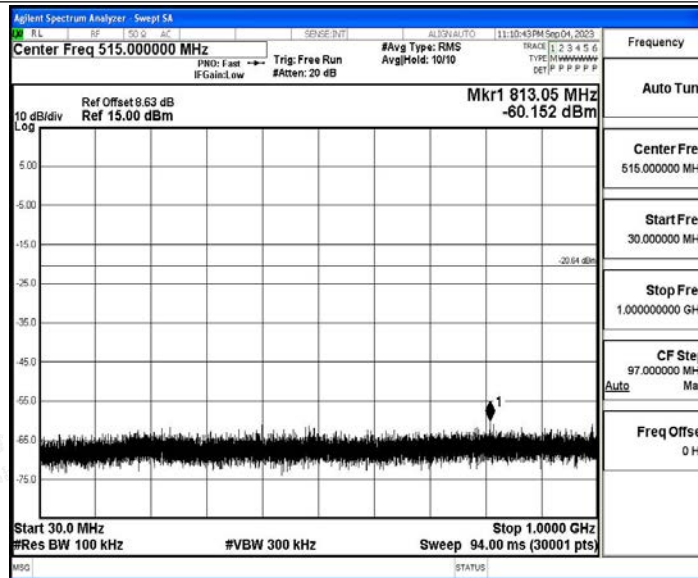


2DH5_Ant1_2480_0~Reference

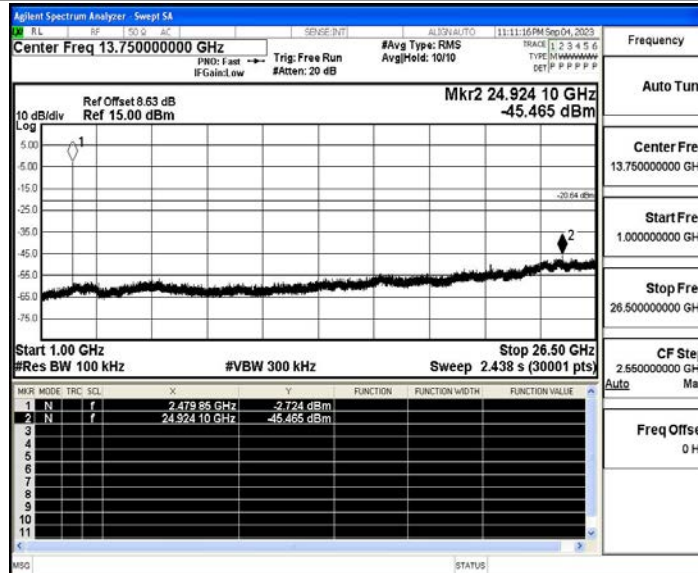


2DH5_Ant1_2480_30~1000



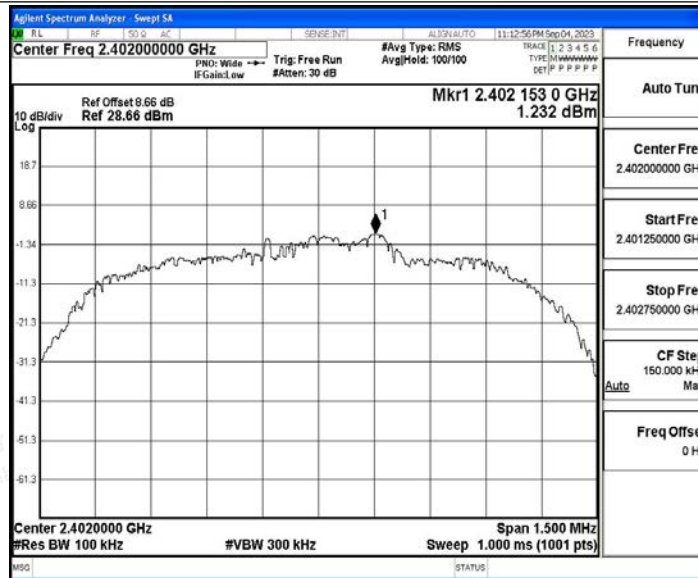


2DH5_Ant1_2480_1000~26500

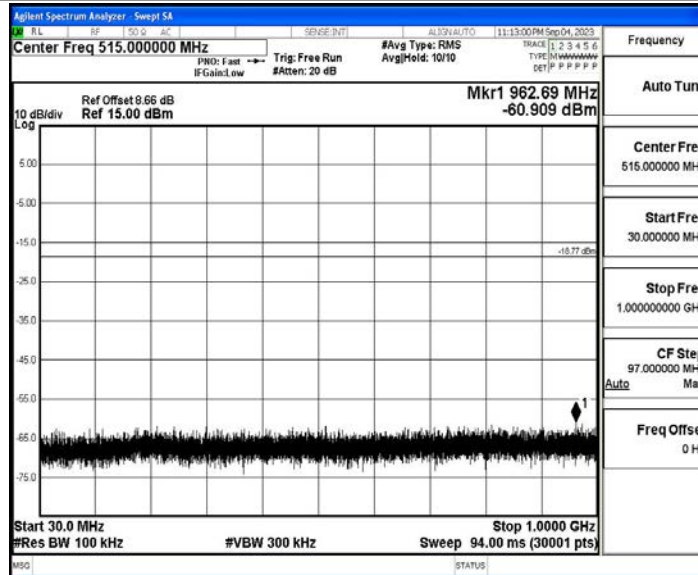


3DH5_Ant1_2402_0~Reference



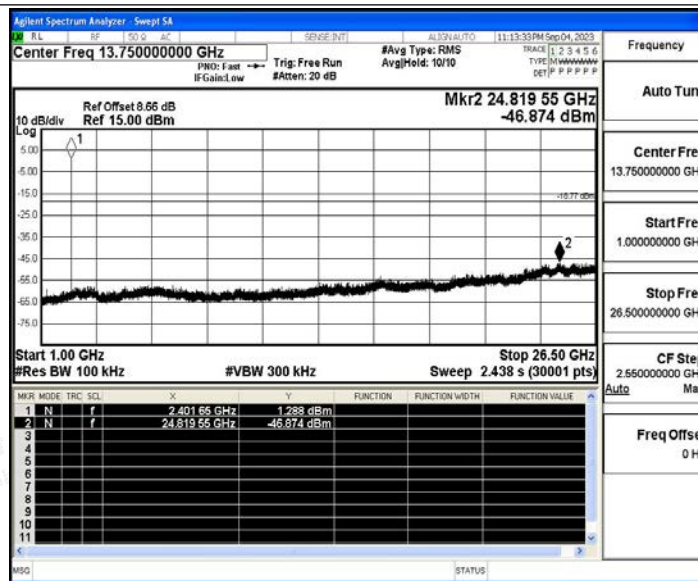


3DH5_Ant1_2402_30~1000

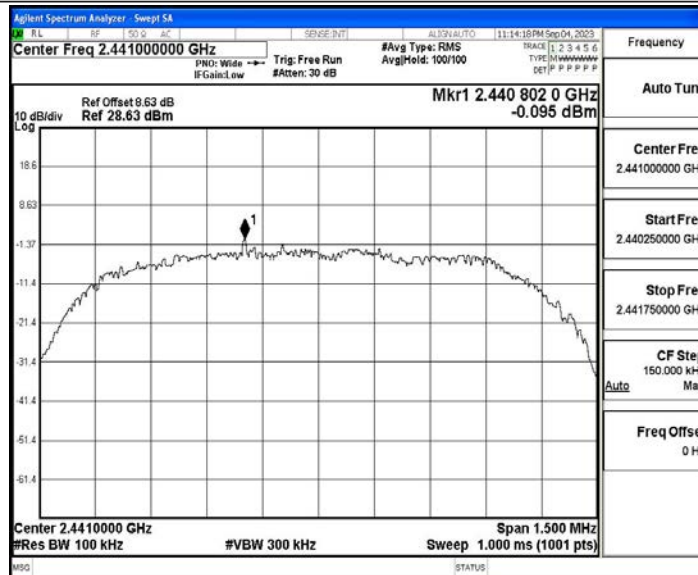


3DH5_Ant1_2402_1000~26500





3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000

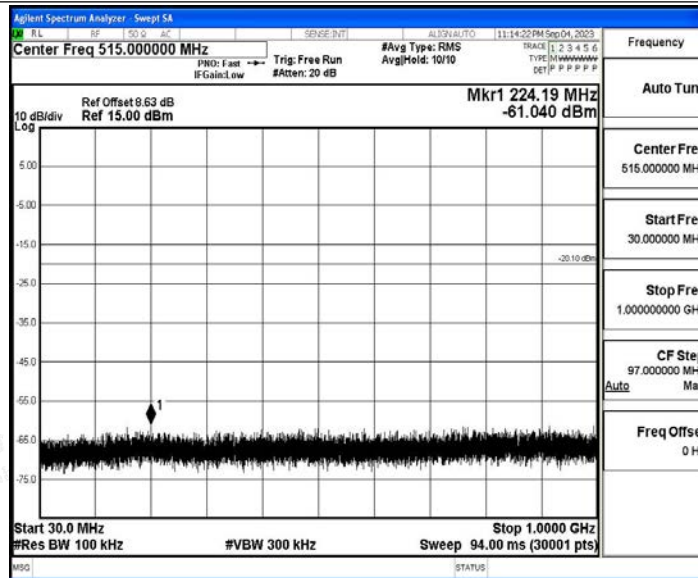


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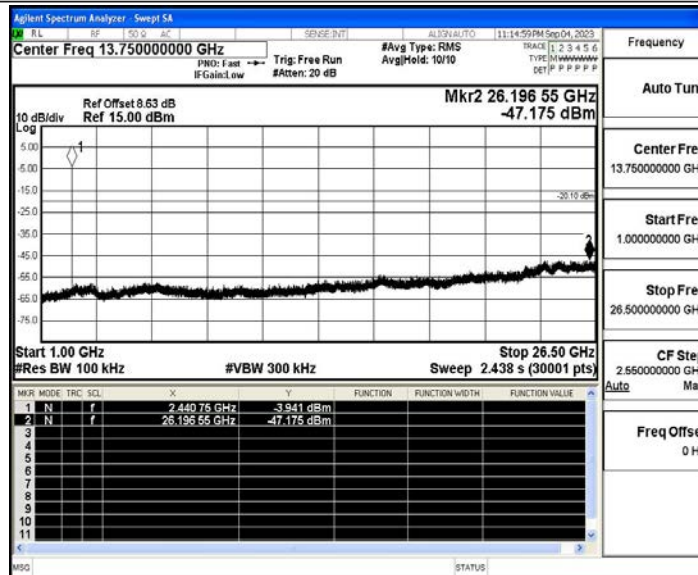
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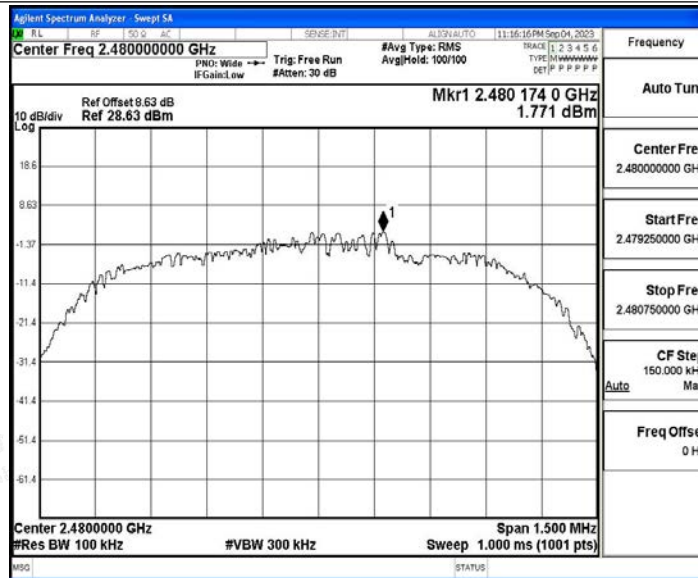


3DH5_Ant1_2441_1000~26500

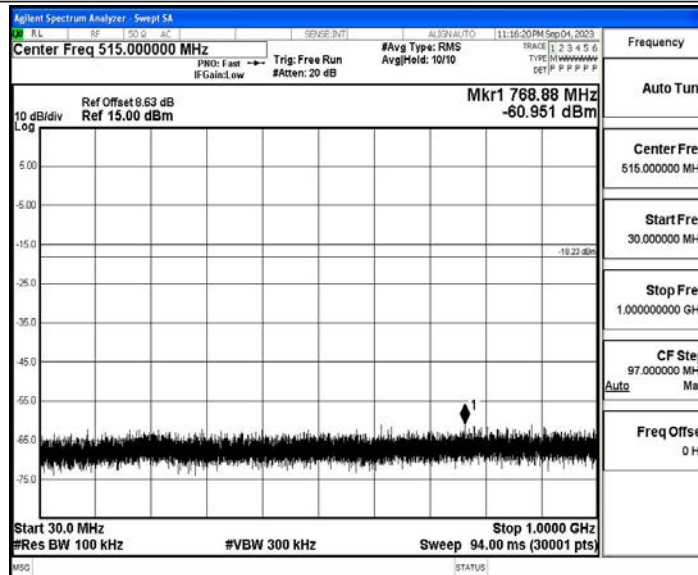


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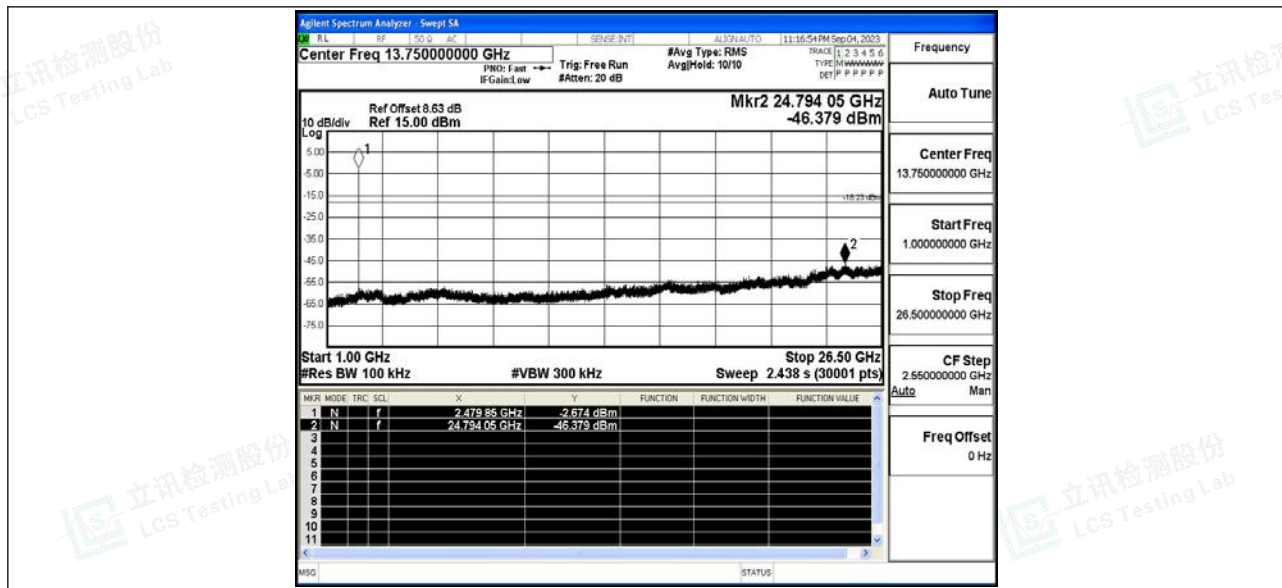


3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500







A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Gain (dBi)	E (dBuV/m)	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.16	2.57	49.67	≤54	PASS
				AV	2388.725	-47.55	2.57	50.28	≤54	PASS
				AV	2390.000	-47.71	2.57	50.12	≤54	PASS
				Peak	2310.000	-43.34	2.57	54.49	≤74	PASS
				Peak	2354.285	-36.85	2.57	60.98	≤74	PASS
				Peak	2390.000	-43.49	2.57	54.34	≤74	PASS
		High	2480	AV	2483.500	-46.92	2.57	50.91	≤54	PASS
				AV	2489.280	-46.69	2.57	51.14	≤54	PASS
				AV	2500.000	-47.18	2.57	50.65	≤54	PASS
				Peak	2483.500	-43.27	2.57	54.56	≤74	PASS
				Peak	2495.600	-39.13	2.57	58.70	≤74	PASS
				Peak	2500.000	-41.85	2.57	55.98	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-39.09	2.57	58.74	≤74	PASS
				Peak	2382.635	-37.83	2.57	60.00	≤74	PASS
				Peak	2390.000	-40.08	2.57	57.75	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-39.19	2.57	58.64	≤74	PASS
				Peak	2497.280	-36.66	2.57	61.17	≤74	PASS
				Peak	2500.000	-39.14	2.57	58.69	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.08	2.57	49.75	≤54	PASS
				AV	2385.155	-47.44	2.57	50.39	≤54	PASS
				AV	2390.000	-47.75	2.57	50.08	≤54	PASS
				Peak	2310.000	-41.26	2.57	56.57	≤74	PASS
				Peak	2365.310	-38.08	2.57	59.75	≤74	PASS
				Peak	2390.000	-41.73	2.57	56.10	≤74	PASS
		High	2480	AV	2483.500	-46.85	2.57	50.98	≤54	PASS
				AV	2483.520	-46.85	2.57	50.98	≤54	PASS
				AV	2500.000	-47.19	2.57	50.64	≤54	PASS
				Peak	2483.500	-40.59	2.57	57.24	≤74	PASS
				Peak	2495.840	-38.39	2.57	59.44	≤74	PASS
				Peak	2500.000	-42.48	2.57	55.35	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-38.77	2.57	59.06	≤74	PASS
				Peak	2388.515	-37.55	2.57	60.28	≤74	PASS
				Peak	2390.000	-41.09	2.57	56.74	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-38.59	2.57	59.24	≤74	PASS
				Peak	2492.560	-36.06	2.57	61.77	≤74	PASS



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3DH5	Ant1	Low	2402	Peak	2500.000	-39.02	2.57	58.81	≤74	PASS
				AV	2310.000	-48.17	2.57	49.66	≤54	PASS
				AV	2384.630	-47.59	2.57	50.24	≤54	PASS
				AV	2390.000	-47.81	2.57	50.02	≤54	PASS
				Peak	2310.000	-41.04	2.57	56.79	≤74	PASS
				Peak	2314.595	-38.6	2.57	59.23	≤74	PASS
				Peak	2390.000	-41.06	2.57	56.77	≤74	PASS
		High	2480	AV	2483.500	-47.03	2.57	50.80	≤54	PASS
				AV	2498.880	-47.03	2.57	50.80	≤54	PASS
				AV	2500.000	-47.19	2.57	50.64	≤54	PASS
				Peak	2483.500	-40.47	2.57	57.36	≤74	PASS
				Peak	2489.040	-38.79	2.57	59.04	≤74	PASS
				Peak	2500.000	-40.5	2.57	57.33	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-39.76	2.57	58.07	≤74	PASS
				Peak	2377.280	-37.73	2.57	60.10	≤74	PASS
				Peak	2390.000	-39.25	2.57	58.58	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-39.14	2.57	58.69	≤74	PASS
				Peak	2496.480	-36.93	2.57	60.90	≤74	PASS
				Peak	2500.000	-40.04	2.57	57.79	≤74	PASS

Note:

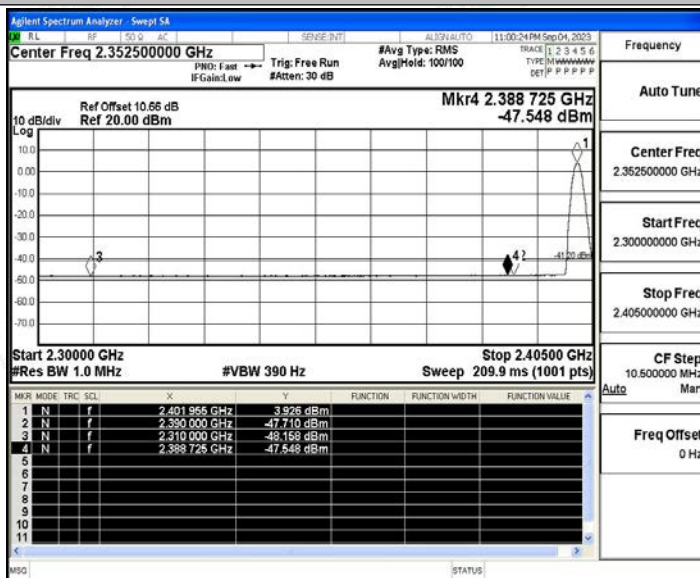
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



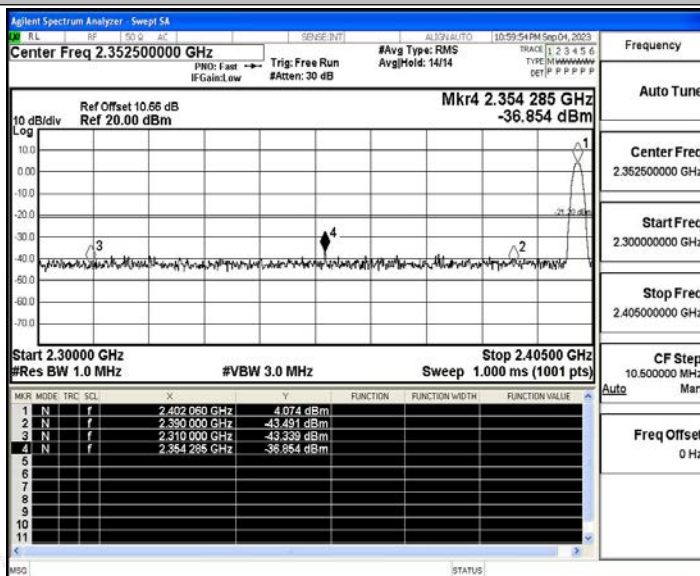


Test Graphs

DH5_Ant1_Low_2402_AV



DH5_Ant1_Low_2402_Peak



DH5_Ant1_High_2480_AV

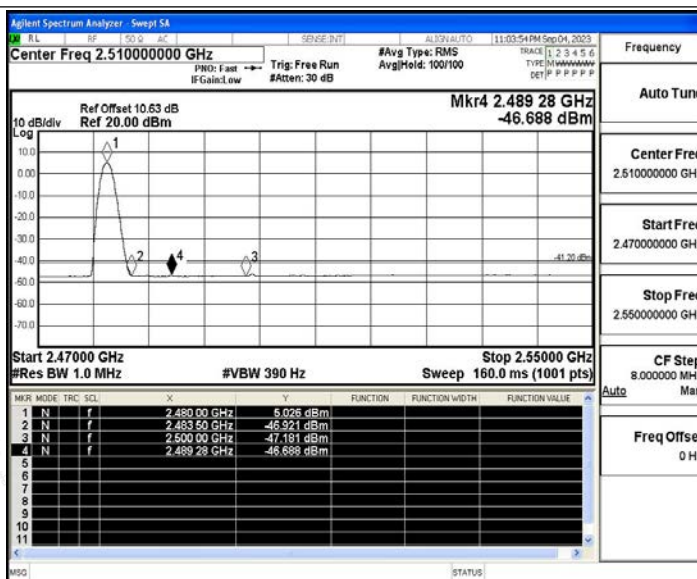


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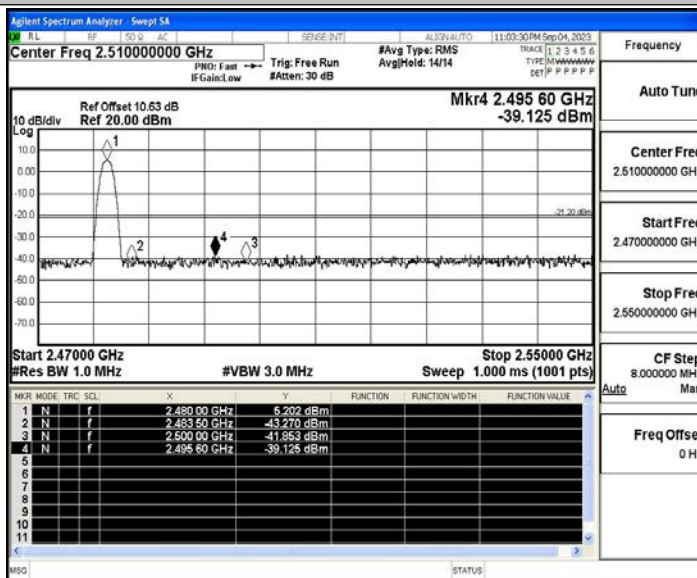
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DH5_Ant1_High_2480_Peak



DH5_Ant1_Low_Hop_2402_Peak

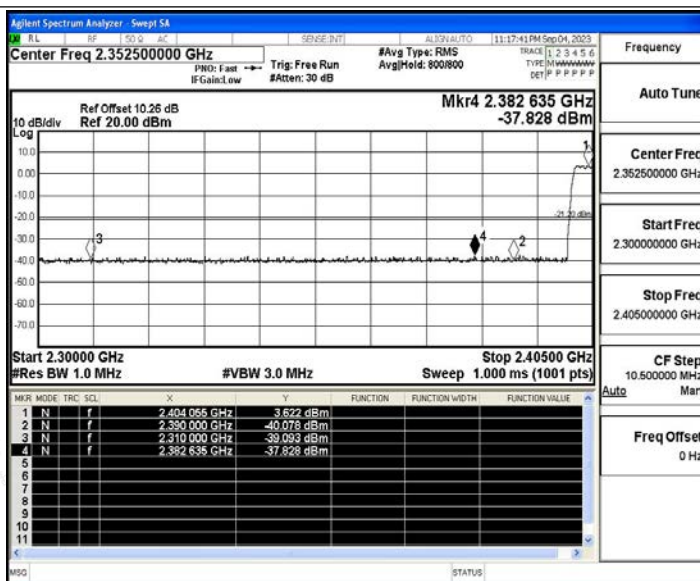


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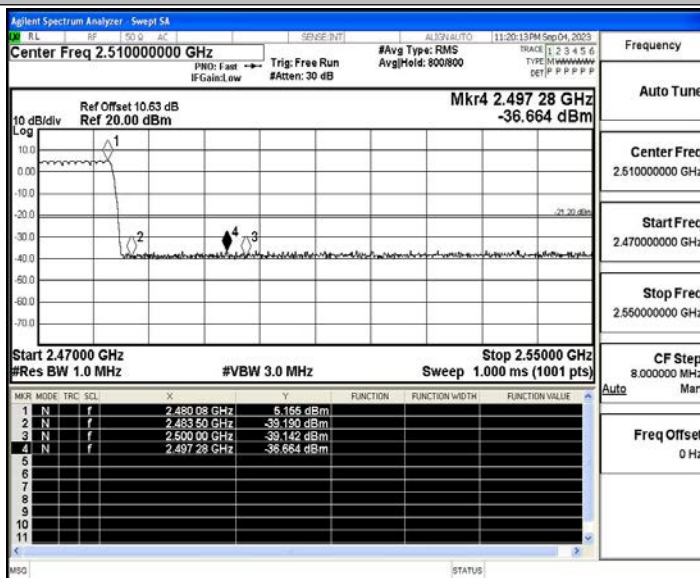
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DH5_Ant1_High_Hop_2480_Peak



2DH5_Ant1_Low_2402_AV

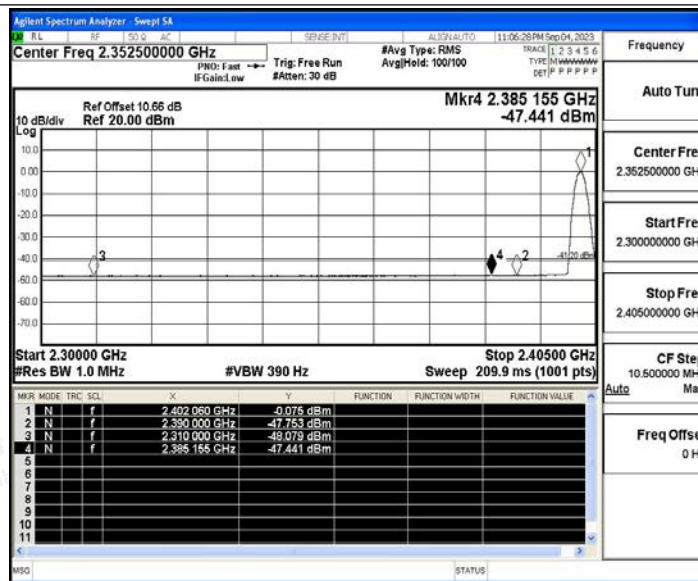


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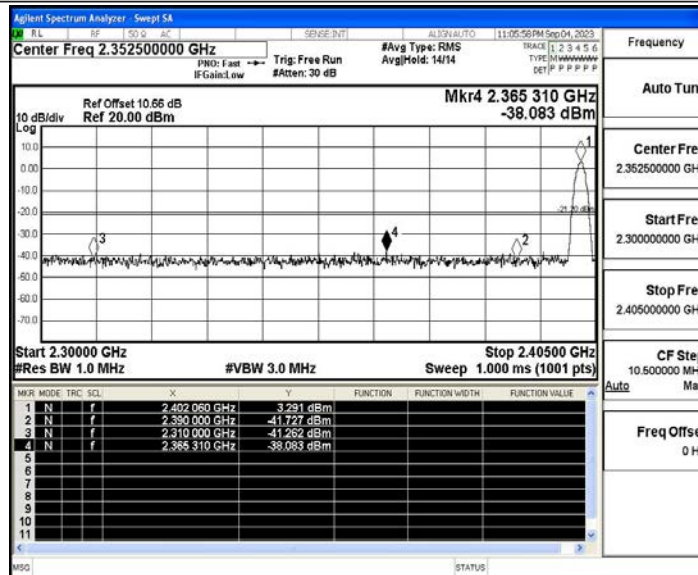
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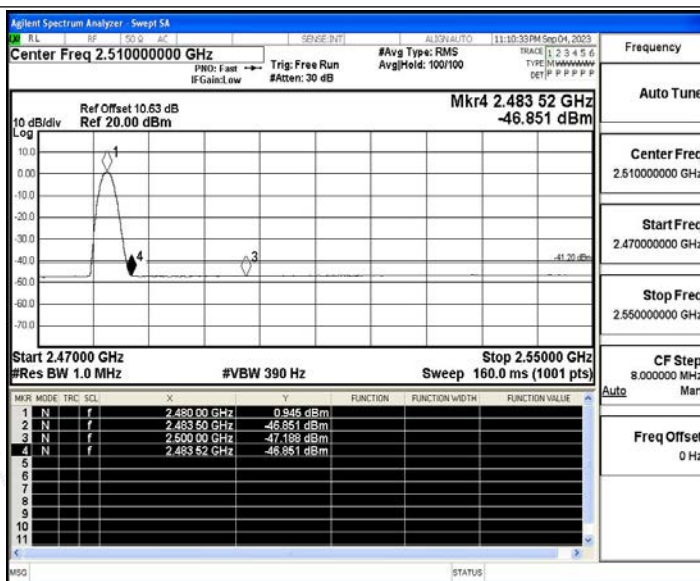


2DH5_Ant1_Low_2402_Peak

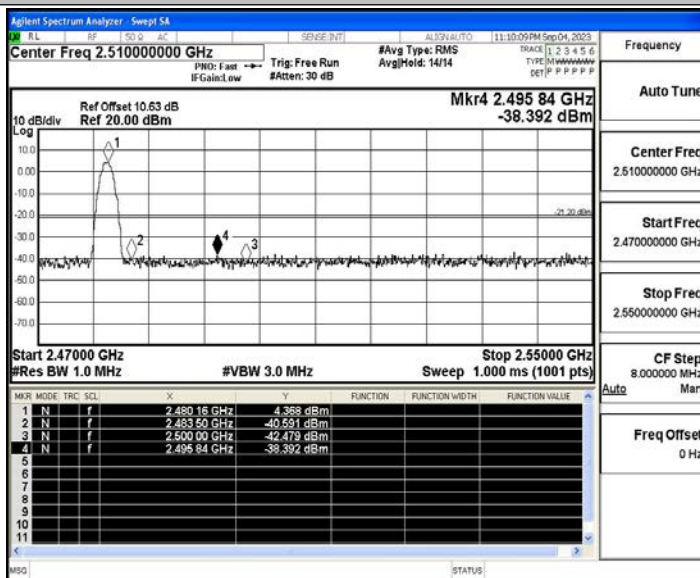


2DH5_Ant1_High_2480_AV





2DH5_Ant1_High_2480_Peak



2DH5_Ant1_Low_Hop_2402_Peak

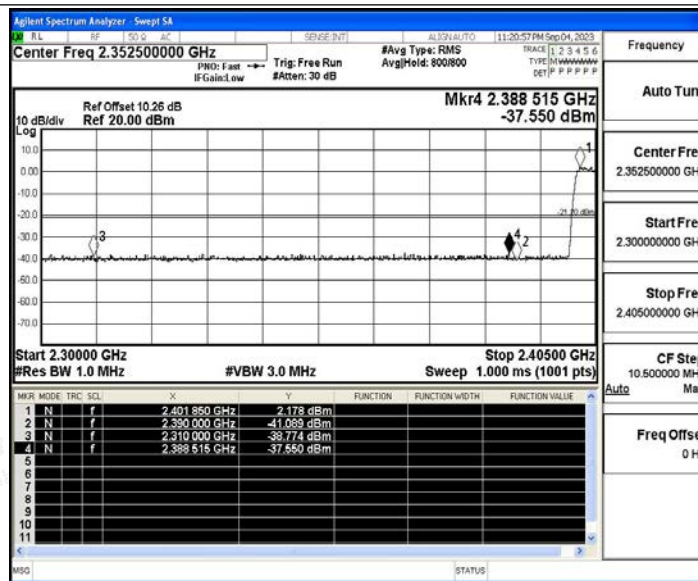


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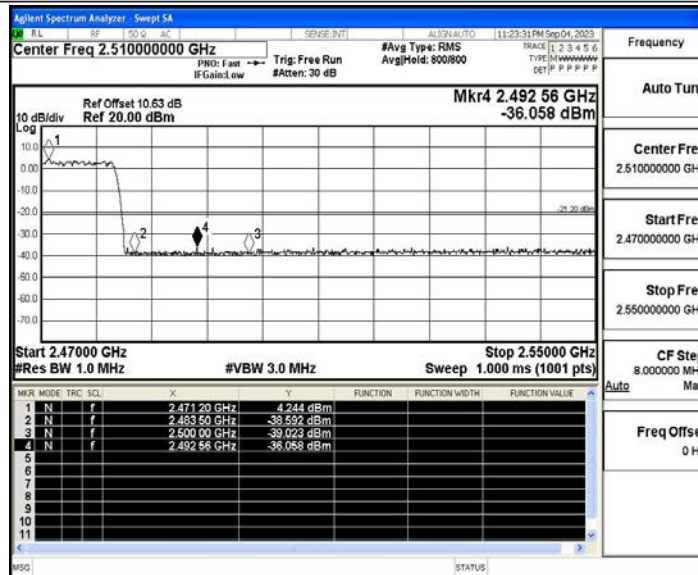
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2DH5_Ant1_High_Hop_2480_Peak



3DH5_Ant1_Low_2402_AV

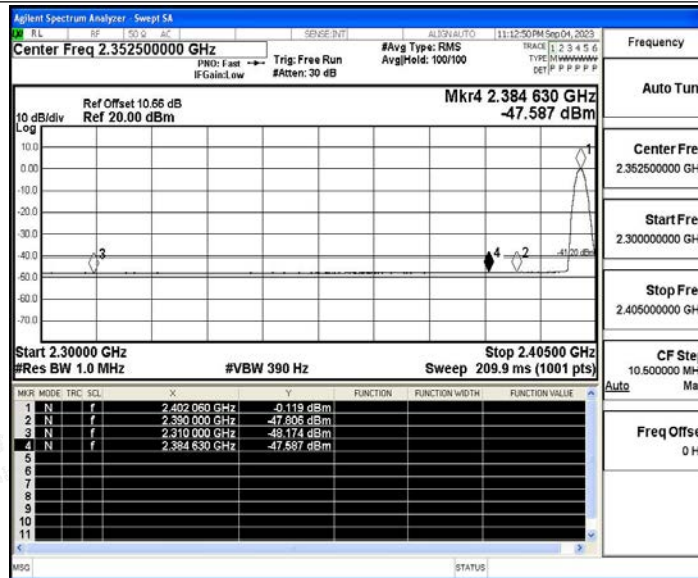


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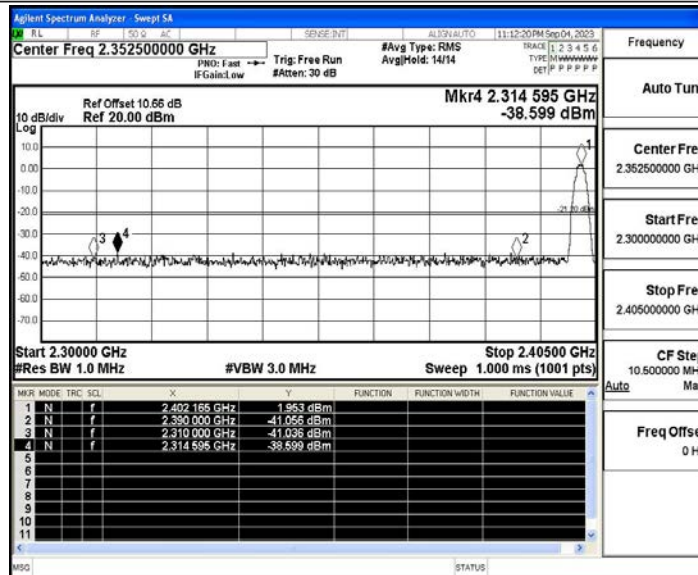
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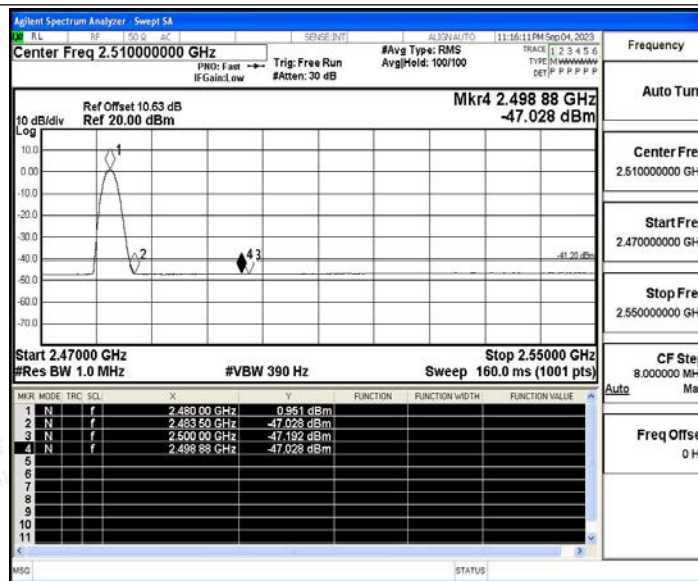


3DH5_Ant1_Low_2402_Peak

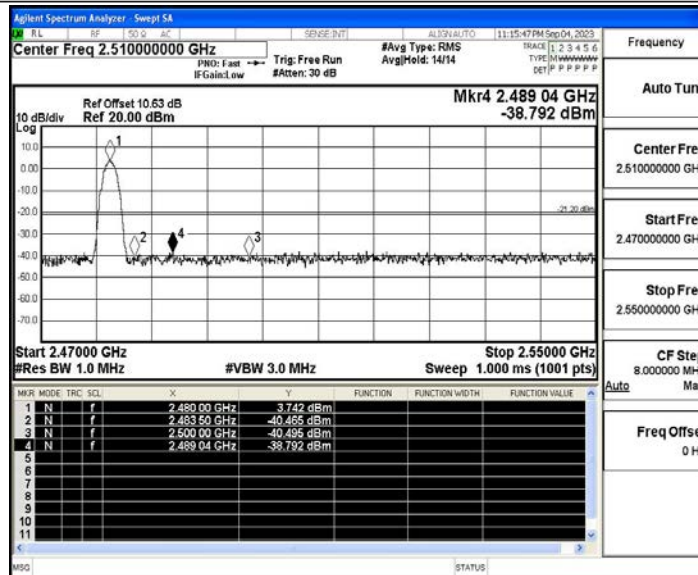


3DH5_Ant1_High_2480_AV



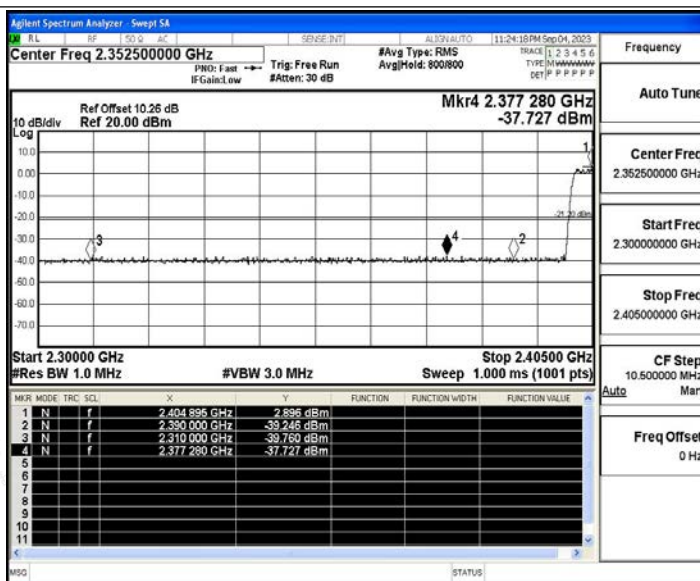


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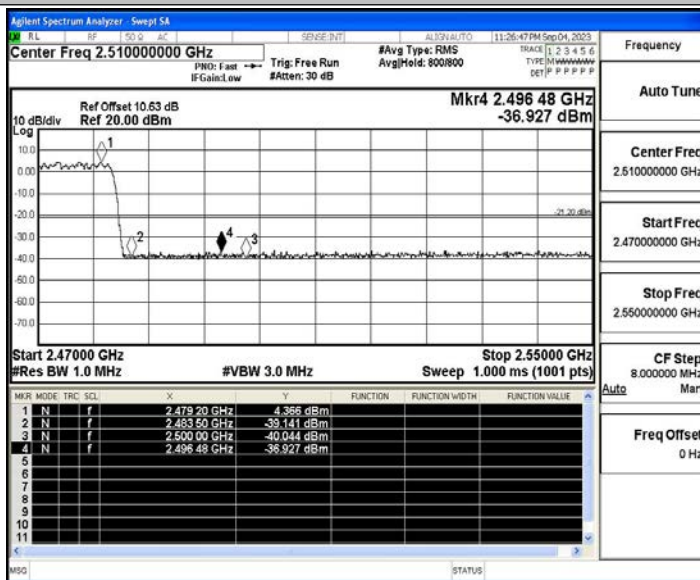


3DH5_Ant1_Low_Hop_2402_Peak





3DH5_Ant1_High_Hop_2480_Peak



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