



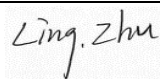
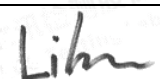
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: 8LB1

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	Ant	2402	1.005	2401.493	2402.498	---
		2441	0.975	2440.523	2441.498	---
		2480	1.029	2479.454	2480.483	---
2DH5	Ant	2402	1.335	2401.325	2402.660	---
		2441	1.314	2440.337	2441.651	---
		2480	1.368	2479.313	2480.681	---
3DH5	Ant	2402	1.305	2401.343	2402.648	---
		2441	1.302	2440.340	2441.642	---
		2480	1.311	2479.340	2480.651	---

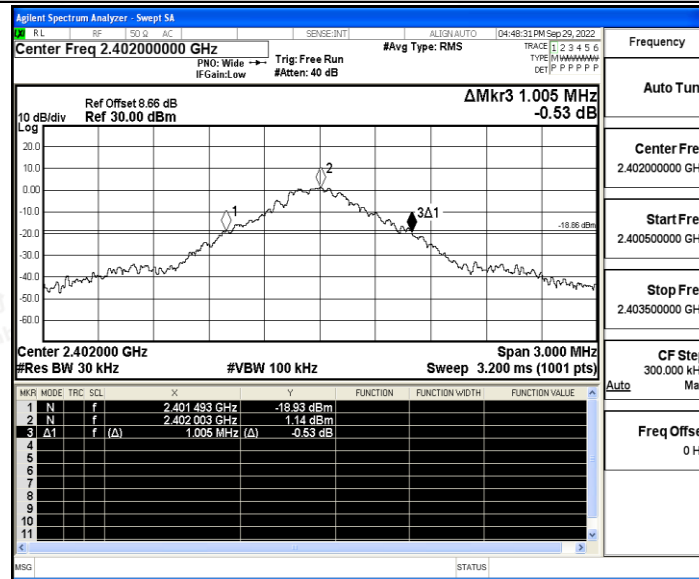


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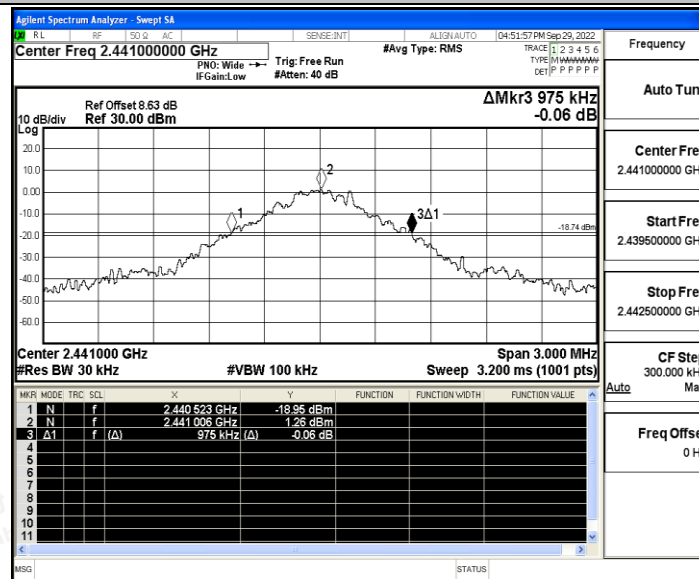


Test Graphs

DH5_Ant_2402

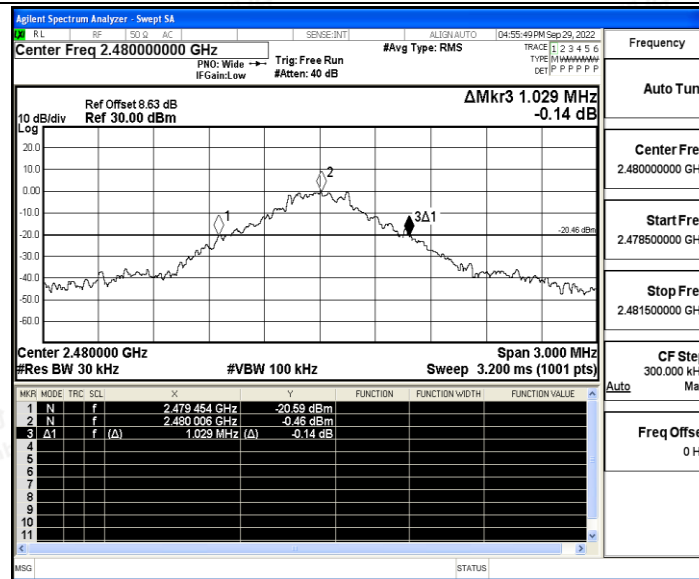


DH5_Ant_2441

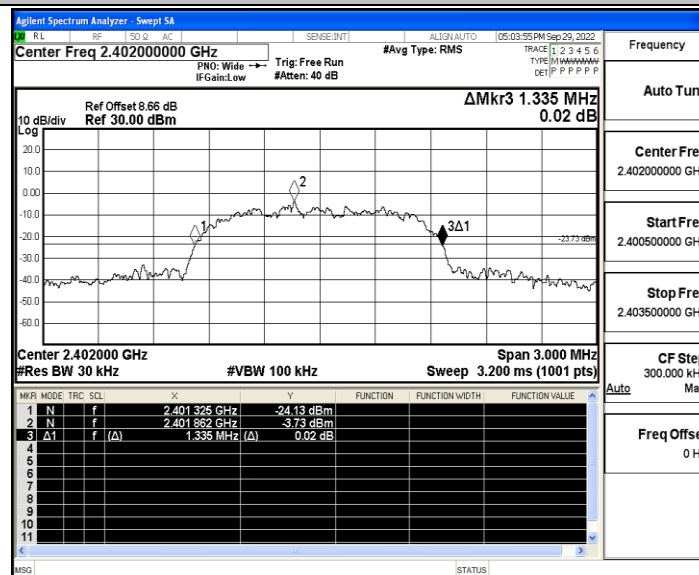


DH5_Ant_2480



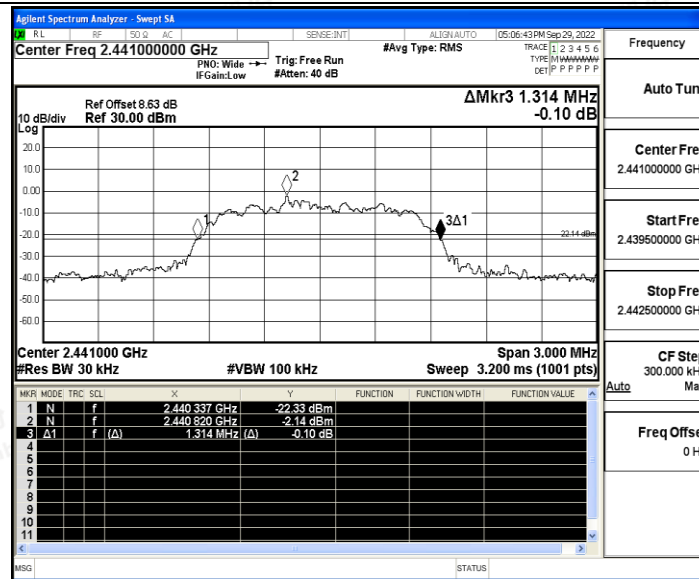


2DH5_Ant_2402

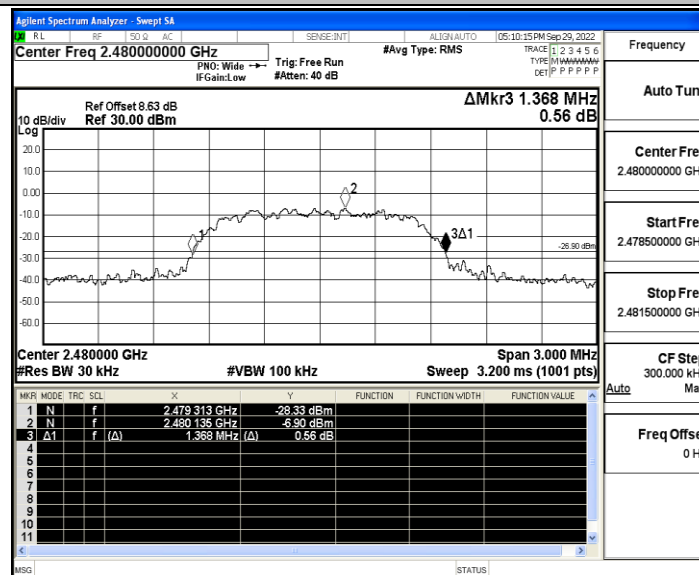


2DH5_Ant_2441





2DH5_Ant_2480



3DH5_Ant_2402

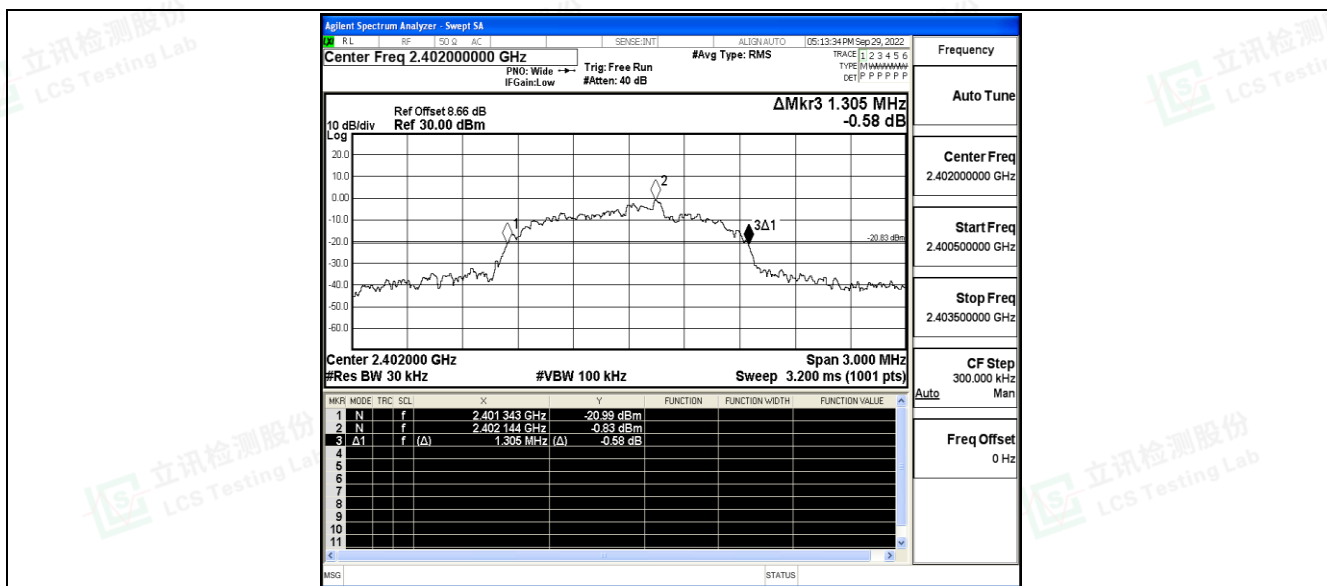


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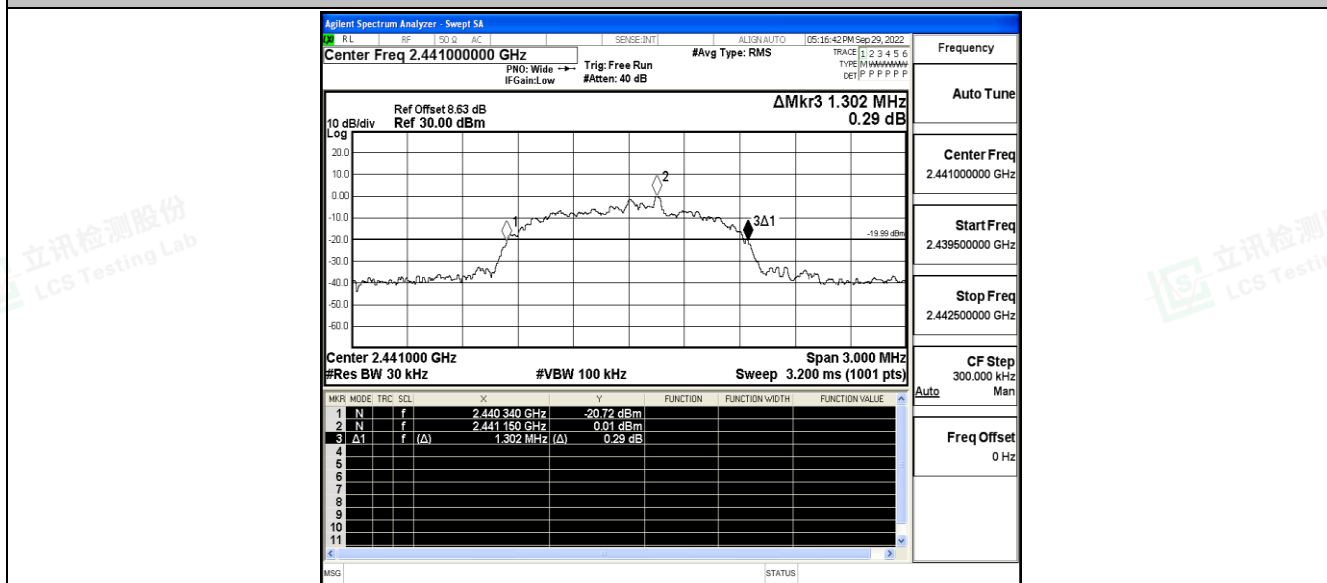
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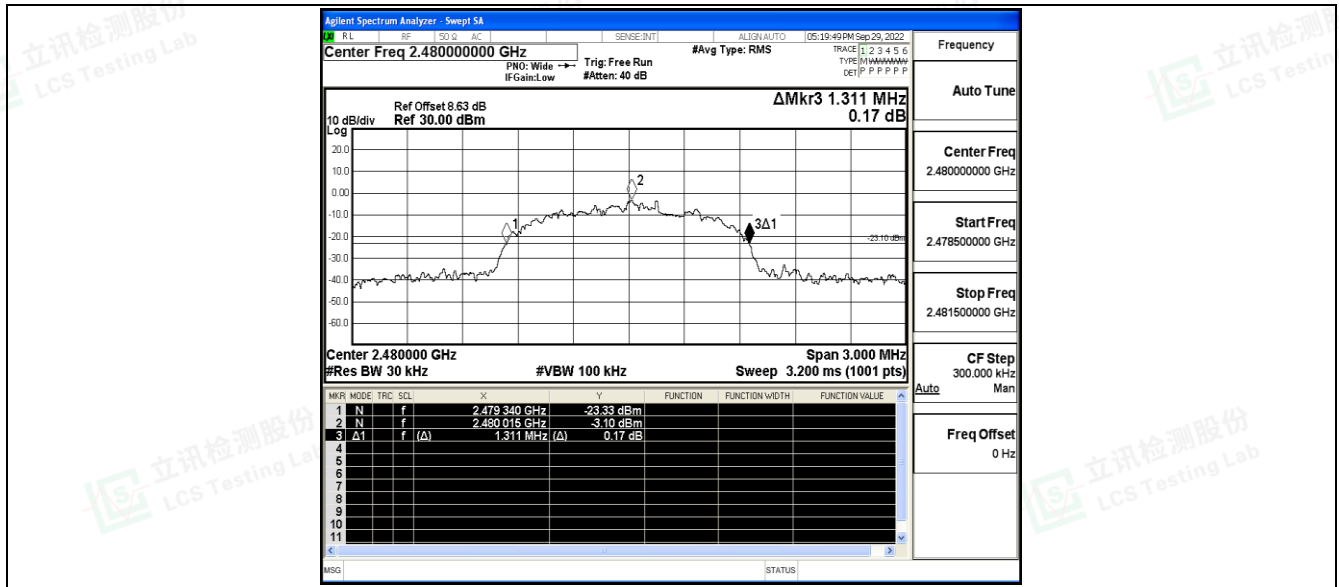


3DH5_Ant_2441



3DH5_Ant_2480







A.2 Maximum conducted output power

Test Result

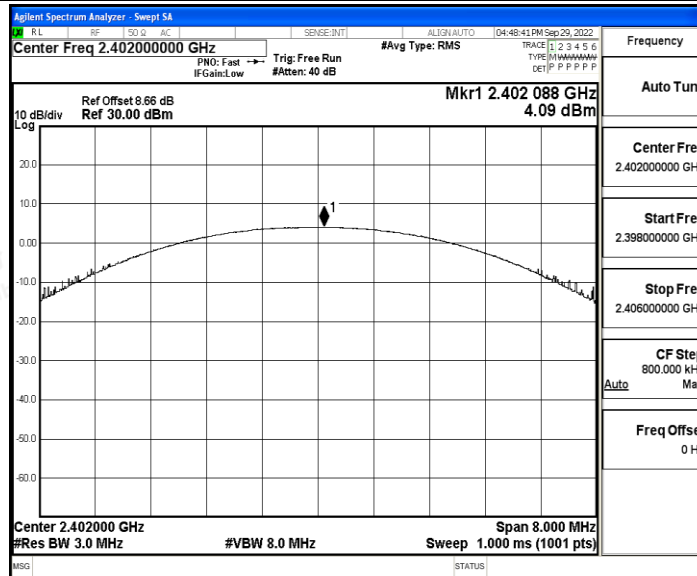
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant	2402	4.09	≤ 20.97	PASS
		2441	3.98	≤ 20.97	PASS
		2480	2.55	≤ 20.97	PASS
2DH5	Ant	2402	3.09	≤ 20.97	PASS
		2441	3.15	≤ 20.97	PASS
		2480	1.65	≤ 20.97	PASS
3DH5	Ant	2402	3.25	≤ 20.97	PASS
		2441	3.4	≤ 20.97	PASS
		2480	1.81	≤ 20.97	PASS



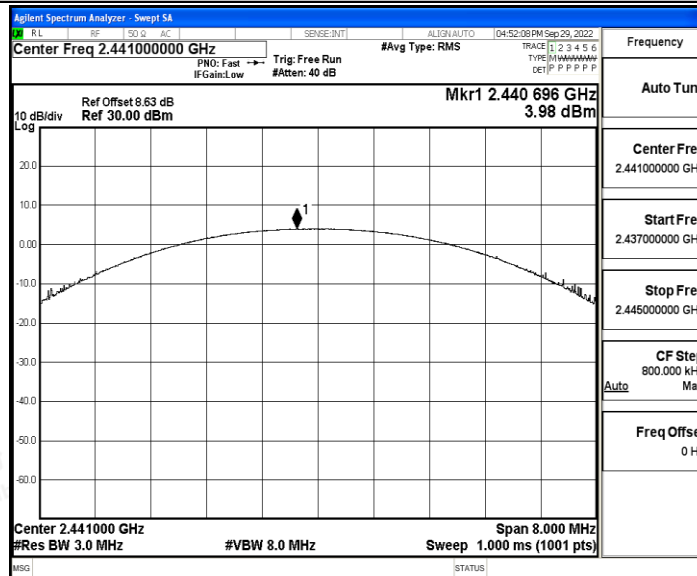


Test Graphs

DH5_Ant_2402

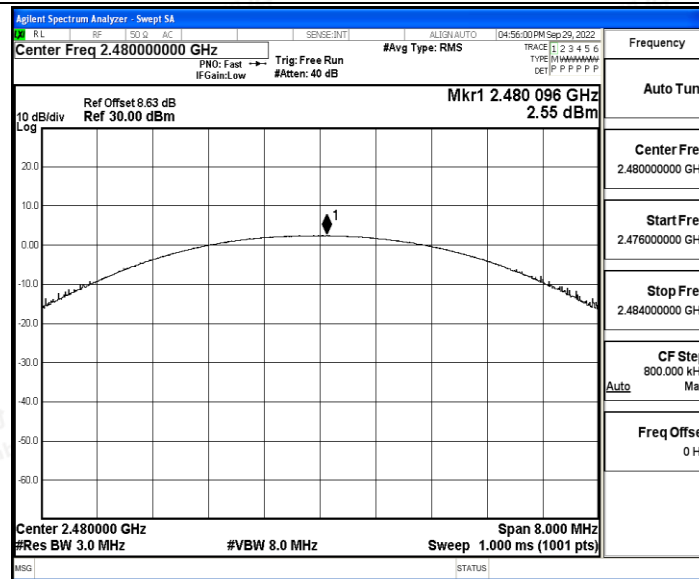


DH5_Ant_2441

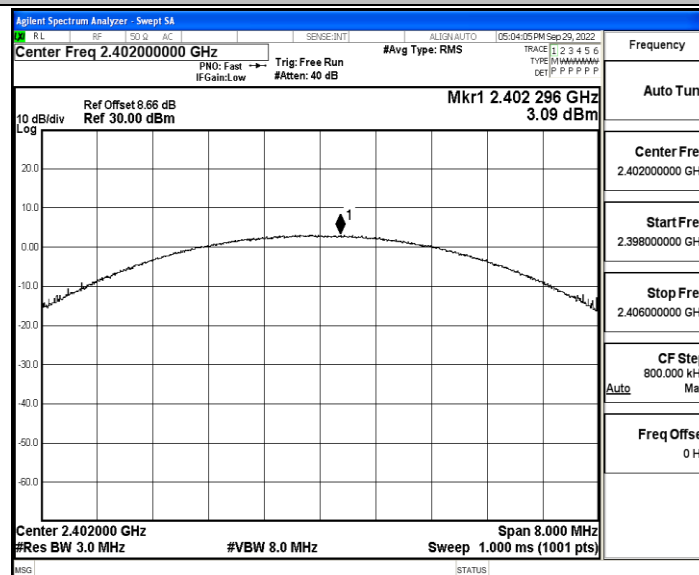


DH5_Ant_2480



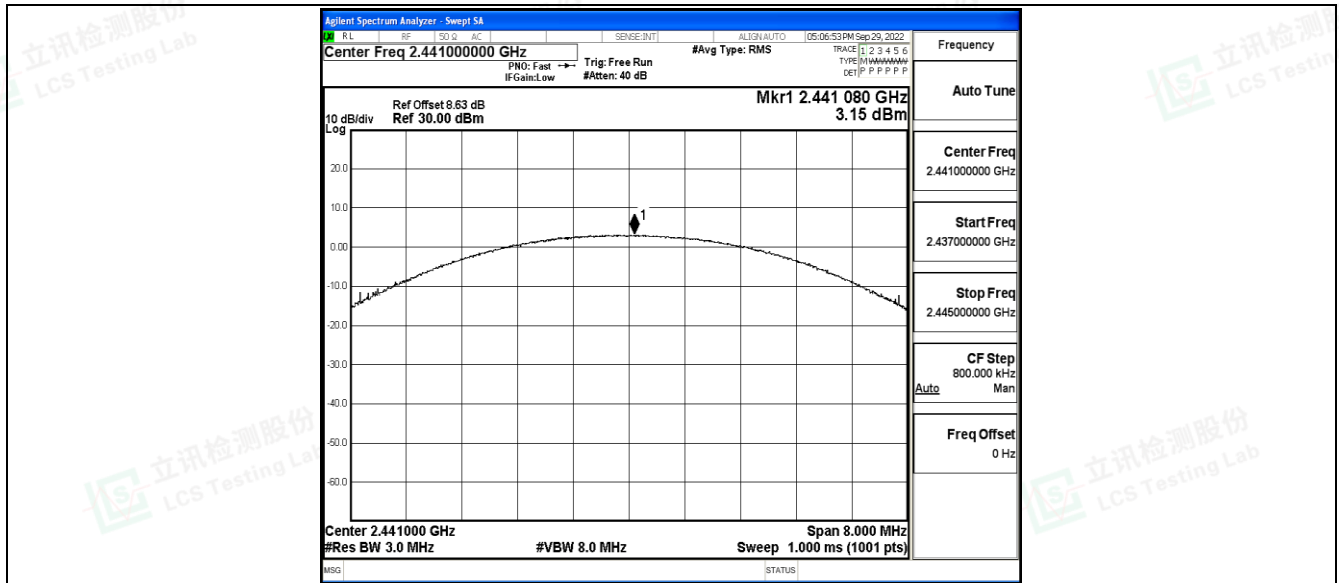


2DH5_Ant_2402

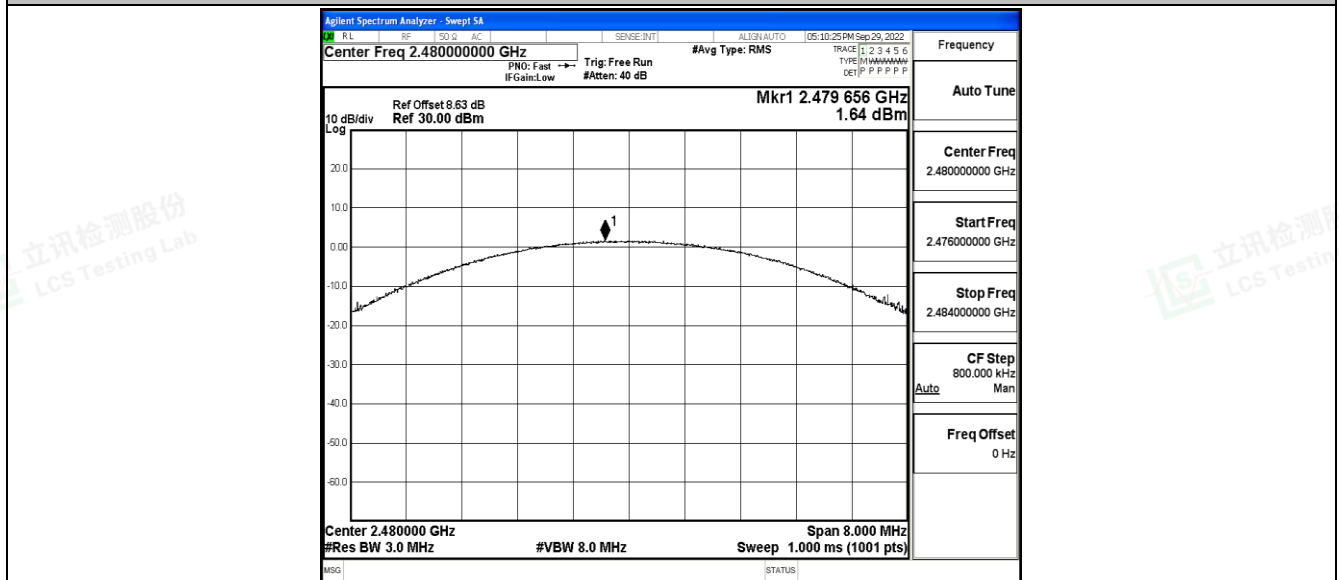


2DH5_Ant_2441



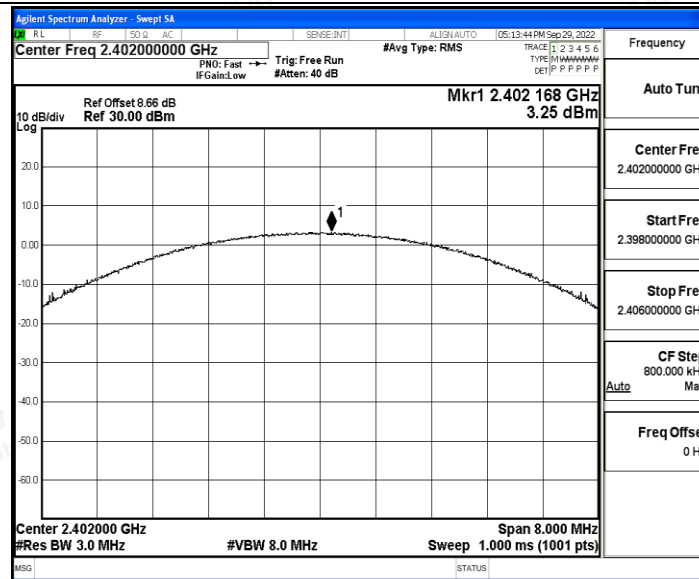


2DH5_Ant_2480

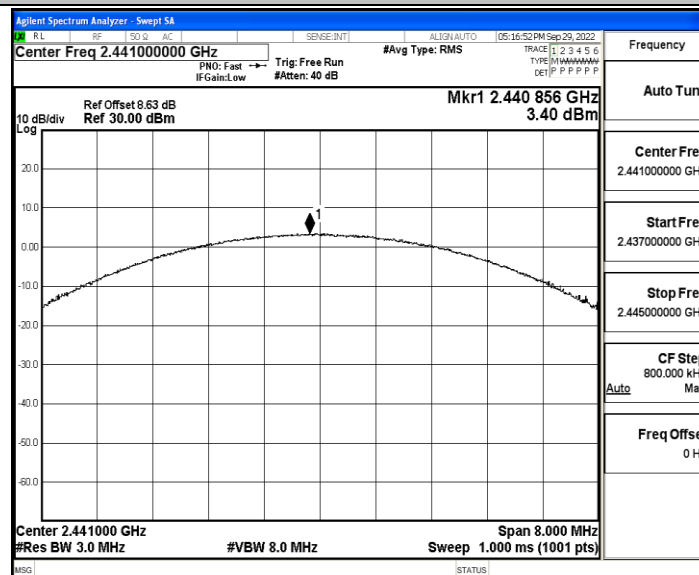


3DH5_Ant_2402



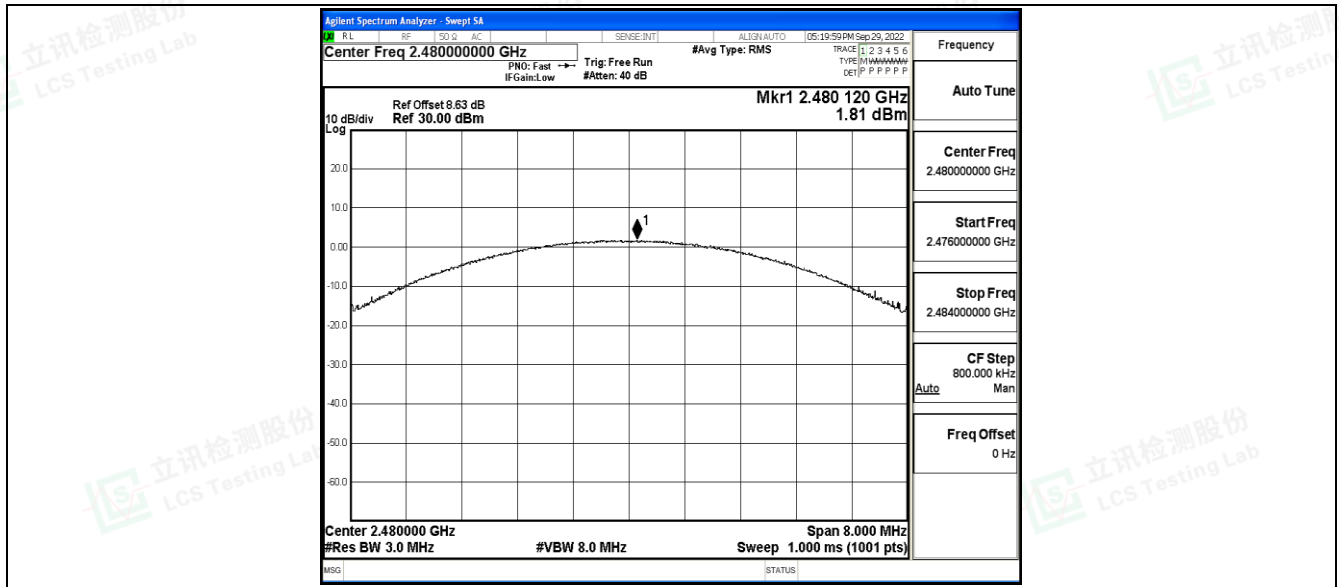


3DH5_Ant_2441



3DH5_Ant_2480







A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant	Hop	0.972	≥0.686	PASS
2DH5	Ant	Hop	0.988	≥0.912	PASS
3DH5	Ant	Hop	1.072	≥0.874	PASS

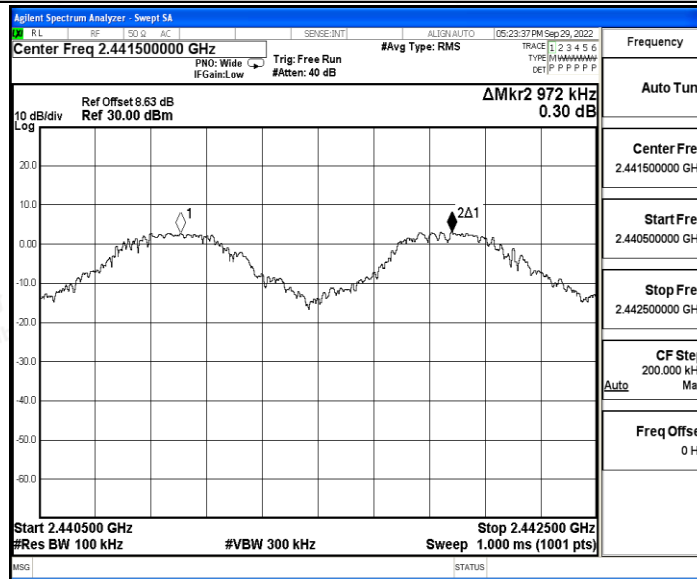


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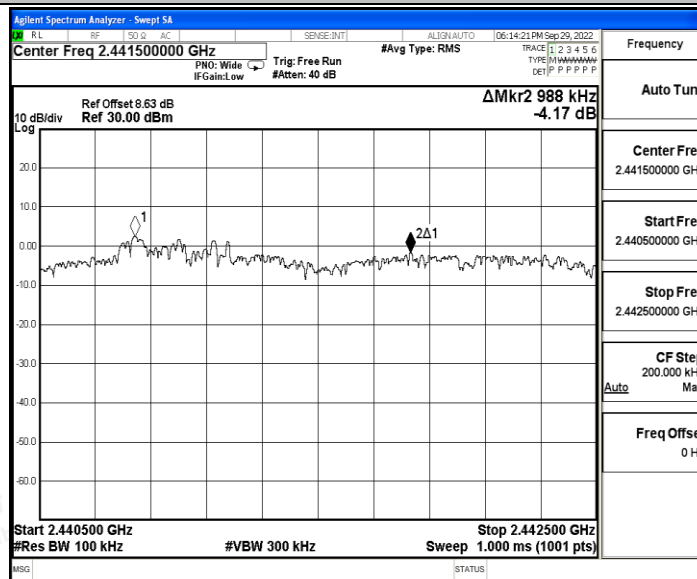


Test Graphs

DH5_Ant_Hop

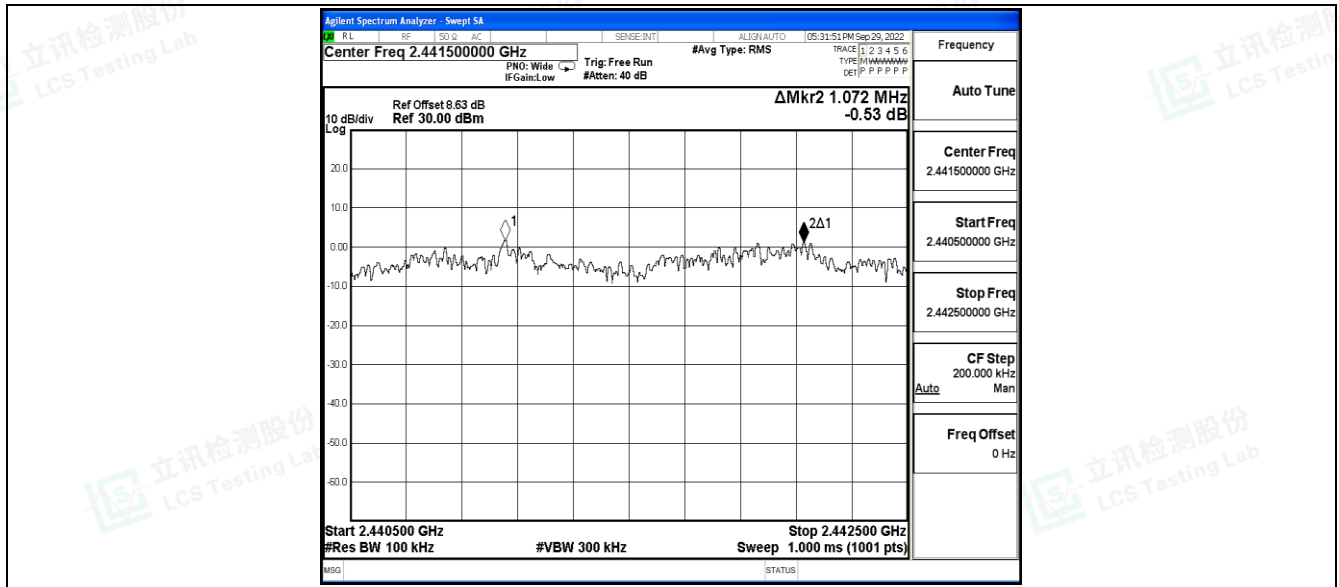


2DH5_Ant_Hop



3DH5_Ant_Hop







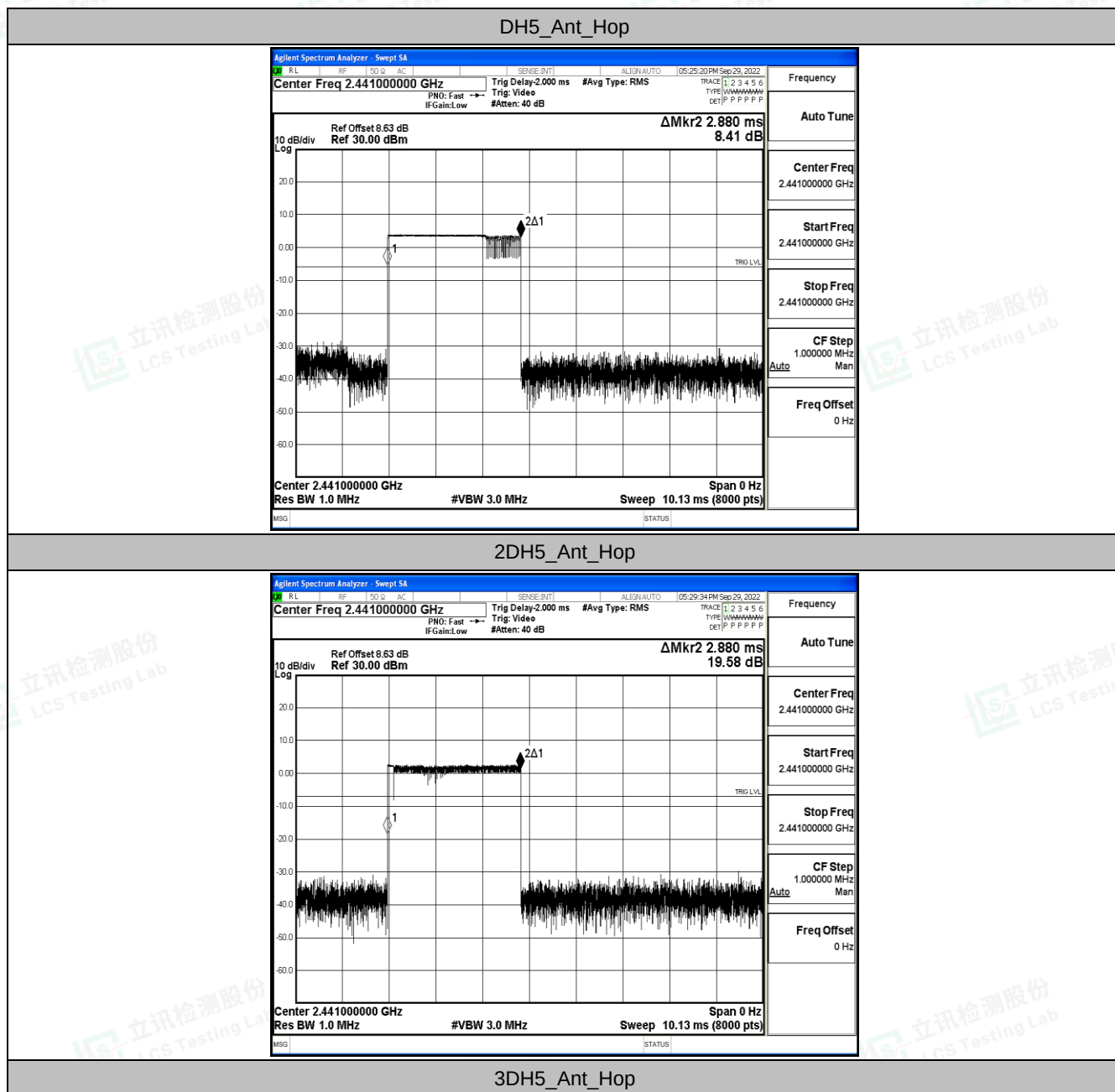
A.4 Time of occupancy

Test Result

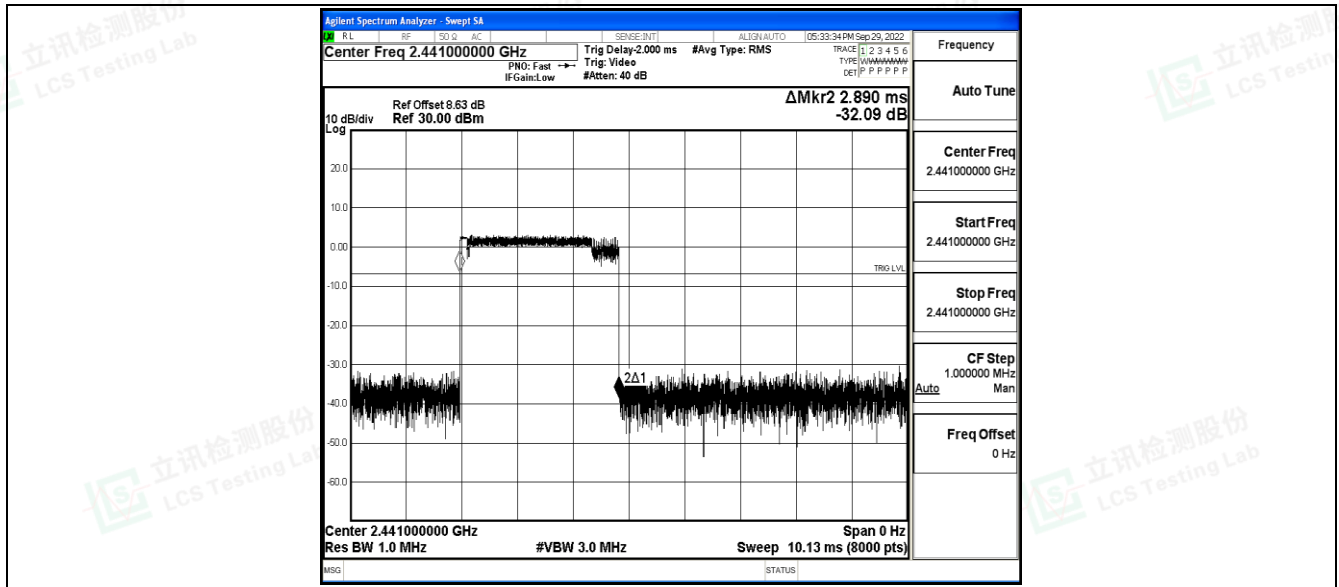
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant	Hop	2.88	106.67	0.307	≤0.4	PASS
3DH5	Ant	Hop	2.89	106.67	0.308	≤0.4	PASS



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

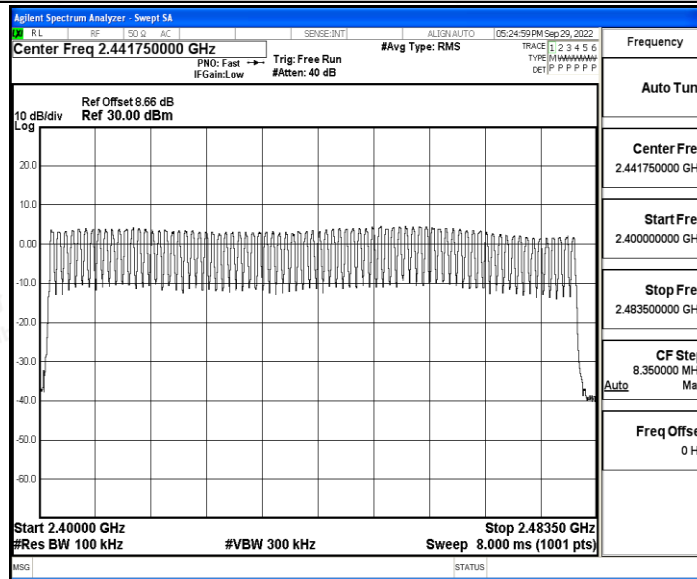


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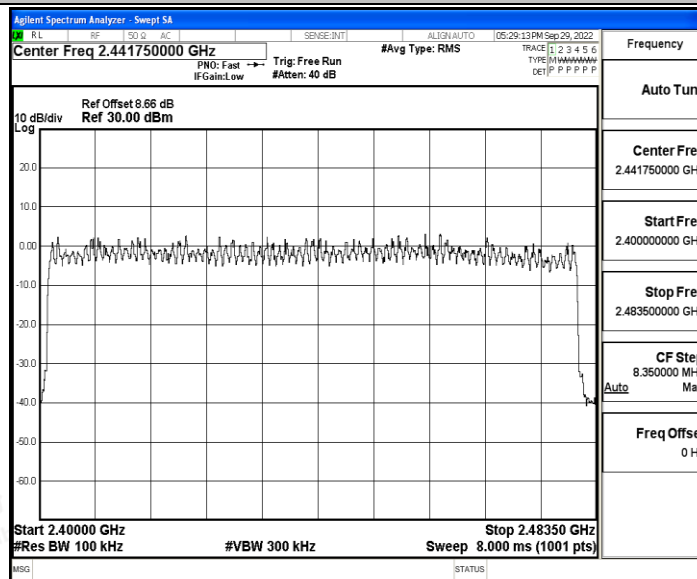


Test Graphs

DH5_Ant_Hop

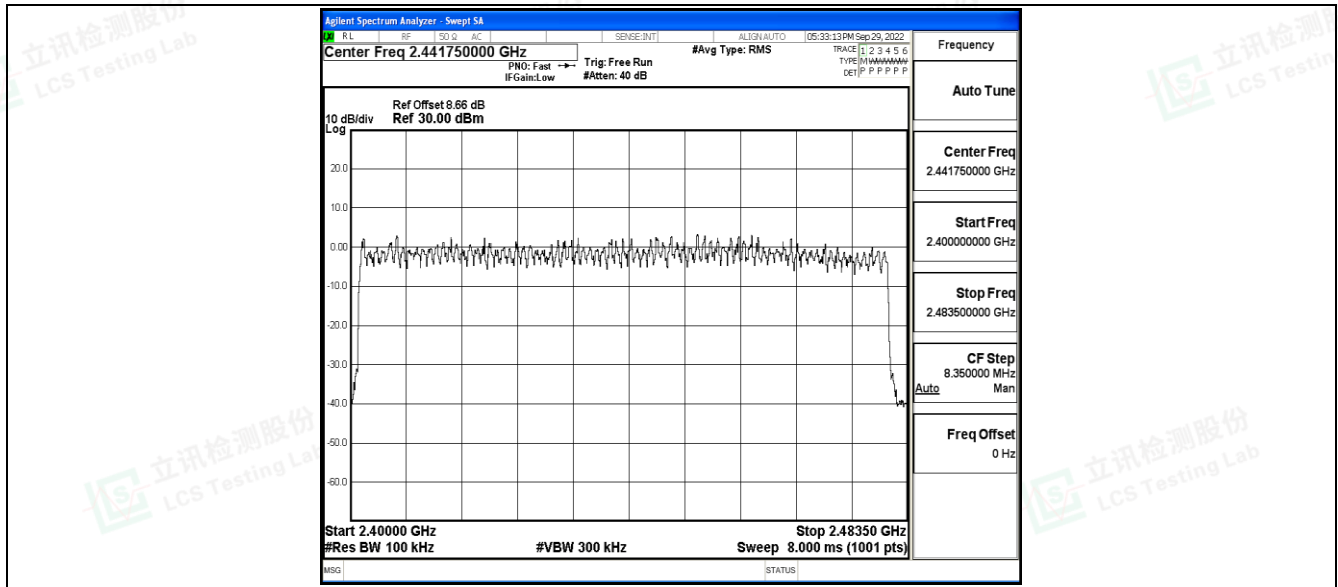


2DH5_Ant_Hop



3DH5_Ant_Hop







A.6 Band edge measurements

Test Result

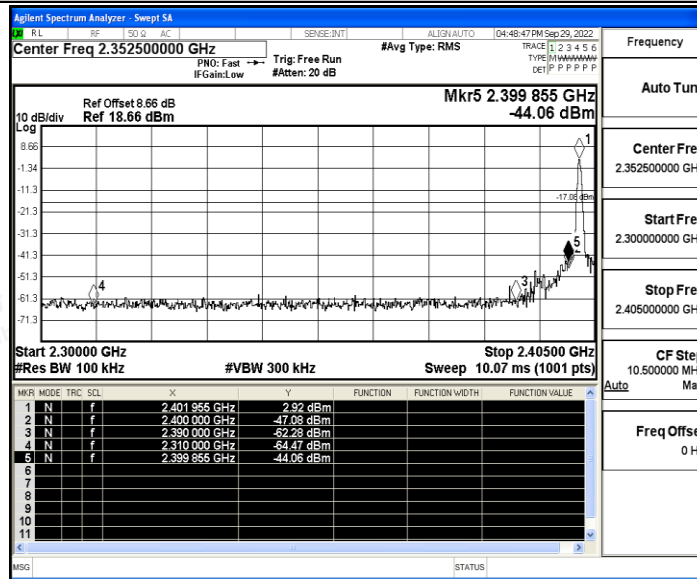
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant	Low	2402	2.92	-44.06	≤ -17.08	PASS
		High	2480	1.39	-43.39	≤ -18.61	PASS
		Low	Hop_2402	3.10	-54.88	≤ -16.9	PASS
		High	Hop_2480	2.15	-57.37	≤ -17.85	PASS
2DH5	Ant	Low	2402	-2.11	-46.14	≤ -22.11	PASS
		High	2480	-0.93	-47.74	≤ -20.93	PASS
		Low	Hop_2402	-1.37	-58.41	≤ -21.37	PASS
		High	Hop_2480	0.87	-57.17	≤ -19.14	PASS
3DH5	Ant	Low	2402	0.45	-43.76	≤ -19.55	PASS
		High	2480	-3.06	-47.24	≤ -23.06	PASS
		Low	Hop_2402	-2.08	-54.94	≤ -22.08	PASS
		High	Hop_2480	-1.05	-57.85	≤ -21.05	PASS



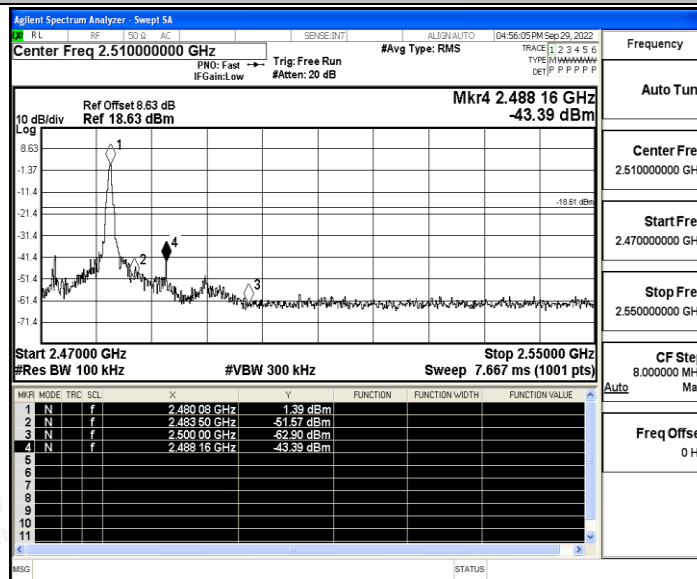


Test Graphs

DH5_Ant_Low_2402

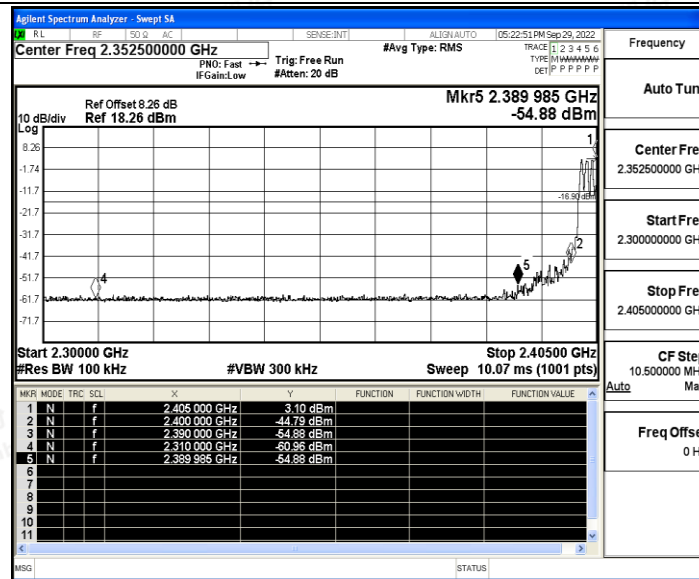


DH5_Ant_High_2480

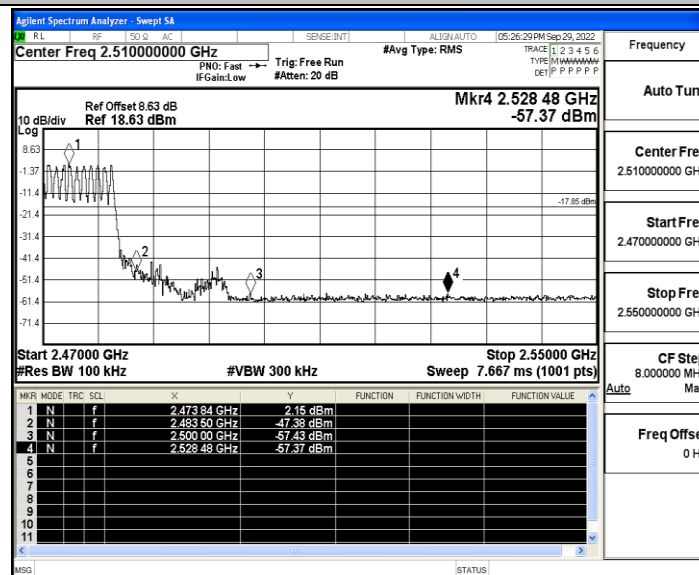


DH5_Ant_Low_Hop_2402





DH5_Ant_High_Hop_2480



2DH5_Ant_Low_2402

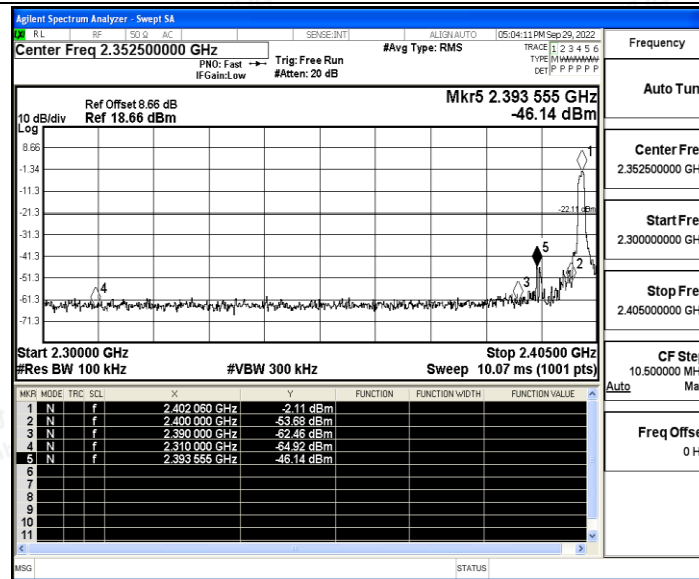


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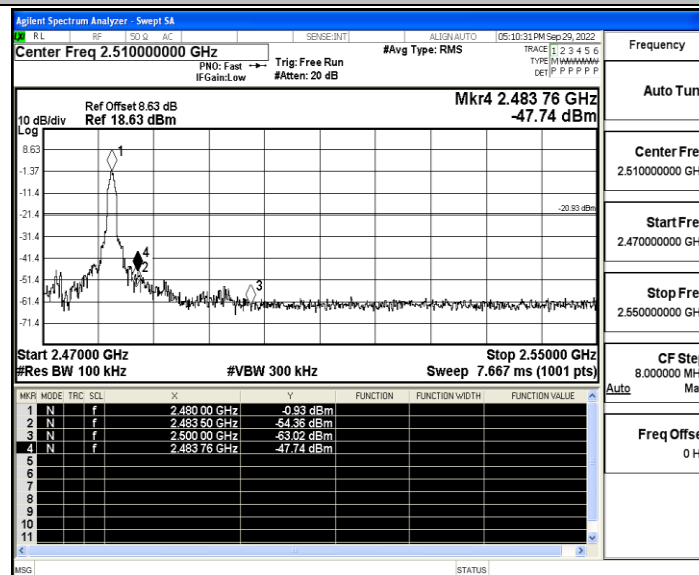
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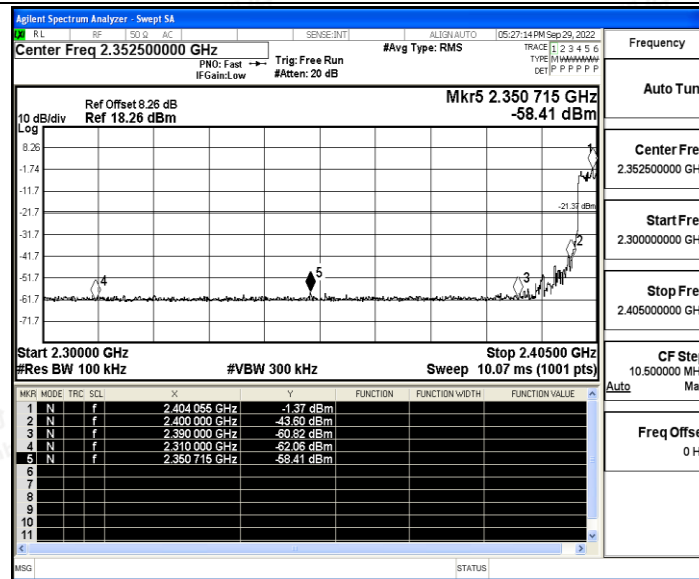


2DH5_Ant_High_2480

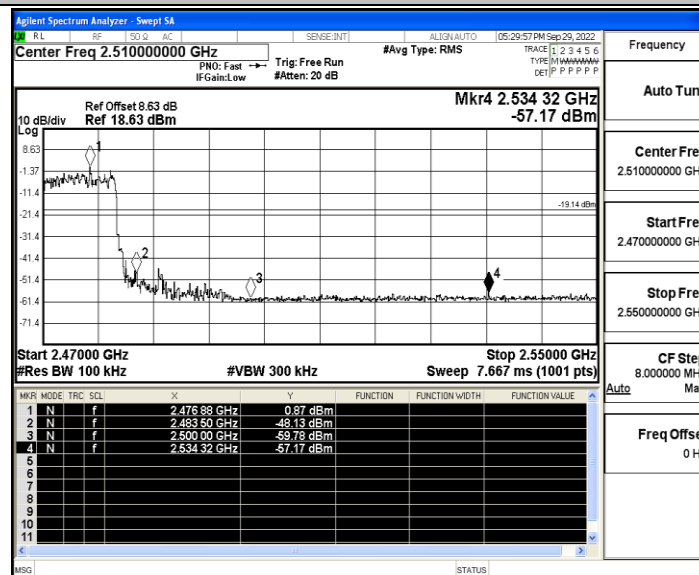


2DH5_Ant_Low_Hop_2402



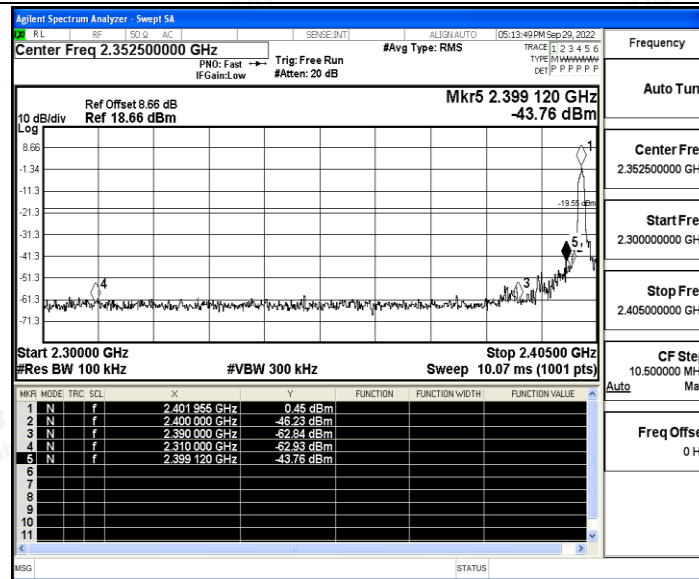


2DH5_Ant_High_Hop_2480

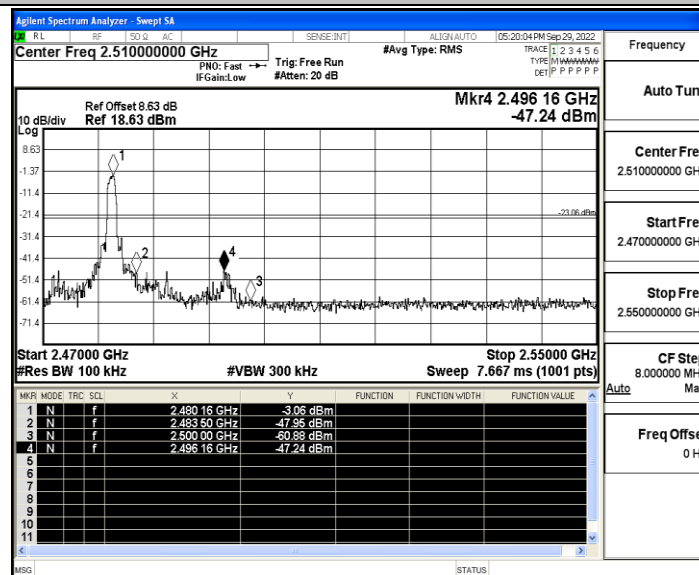


3DH5_Ant_Low_2402



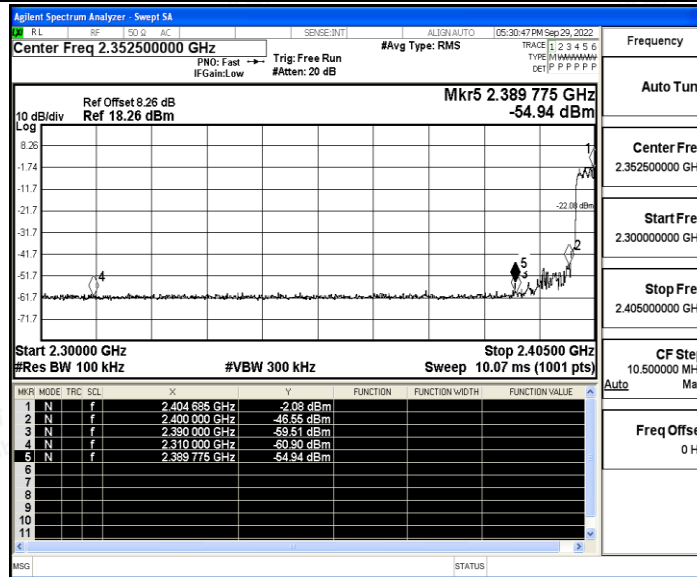


3DH5_Ant_High_2480

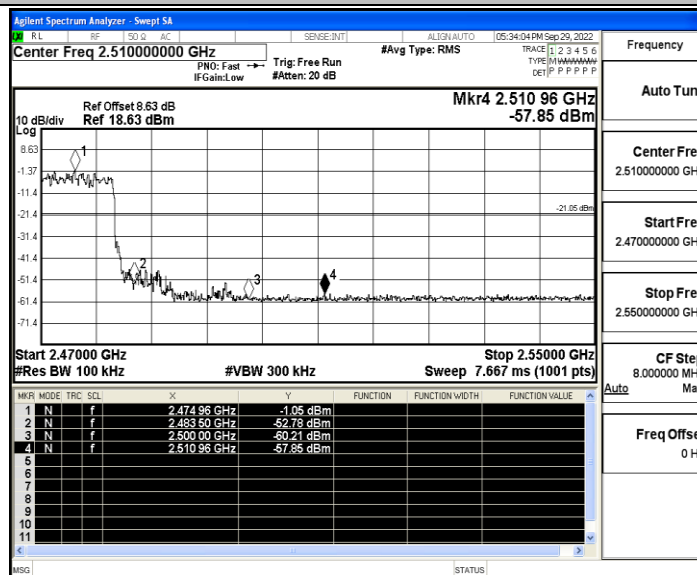


3DH5_Ant_Low_Hop_2402





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	2.84	2.84	---	PASS
			30~1000	2.84	-55.68	≤-17.16	PASS
			1000~26500	2.84	-41.45	≤-17.16	PASS
		2441	Reference	2.88	2.88	---	PASS
			30~1000	2.88	-50.91	≤-17.12	PASS
			1000~26500	2.88	-43.32	≤-17.12	PASS
		2480	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-45.76	≤-18.91	PASS
			1000~26500	1.09	-44.83	≤-18.91	PASS
2DH5	Ant	2402	Reference	-2.16	-2.16	---	PASS
			30~1000	-2.16	-60.28	≤-22.16	PASS
			1000~26500	-2.16	-46.29	≤-22.16	PASS
		2441	Reference	0.33	0.33	---	PASS
			30~1000	0.33	-52.02	≤-19.67	PASS
			1000~26500	0.33	-46.44	≤-19.67	PASS
		2480	Reference	-1.93	-1.93	---	PASS
			30~1000	-1.93	-60.11	≤-21.93	PASS
			1000~26500	-1.93	-46.28	≤-21.93	PASS
3DH5	Ant	2402	Reference	-1.67	-1.67	---	PASS
			30~1000	-1.67	-60.8	≤-21.67	PASS
			1000~26500	-1.67	-45.95	≤-21.67	PASS
		2441	Reference	-1.35	-1.35	---	PASS
			30~1000	-1.35	-60.13	≤-21.35	PASS
			1000~26500	-1.35	-46.38	≤-21.35	PASS
		2480	Reference	-2.57	-2.57	---	PASS
			30~1000	-2.57	-52.32	≤-22.57	PASS
			1000~26500	-2.57	-46.19	≤-22.57	PASS



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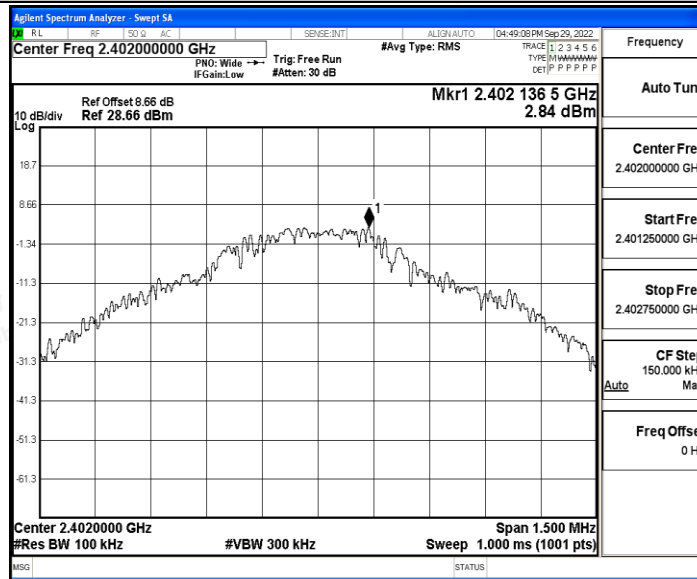
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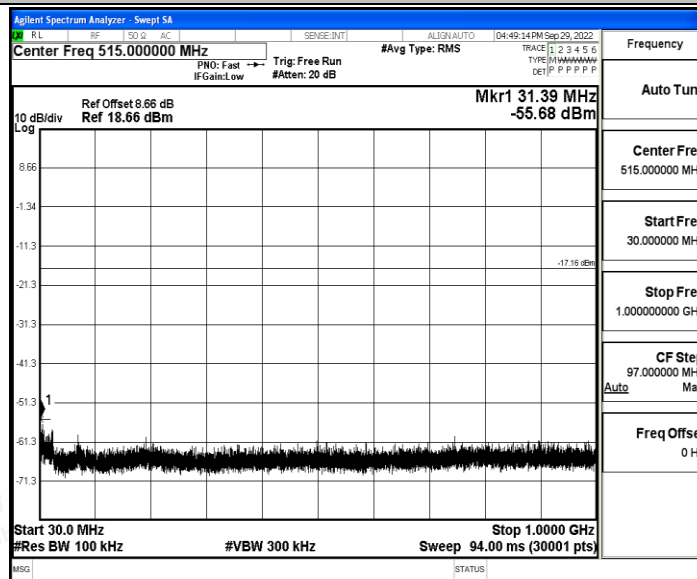


Test Graphs

DH5_Ant_2402_0~Reference

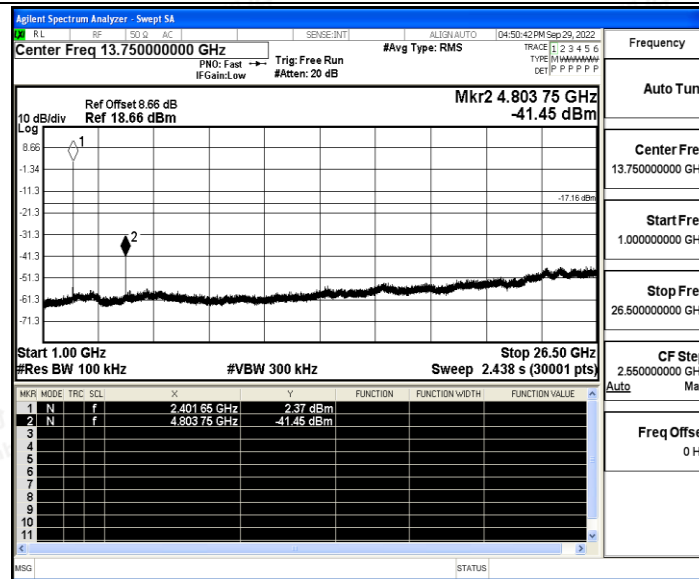


DH5_Ant_2402_30~1000

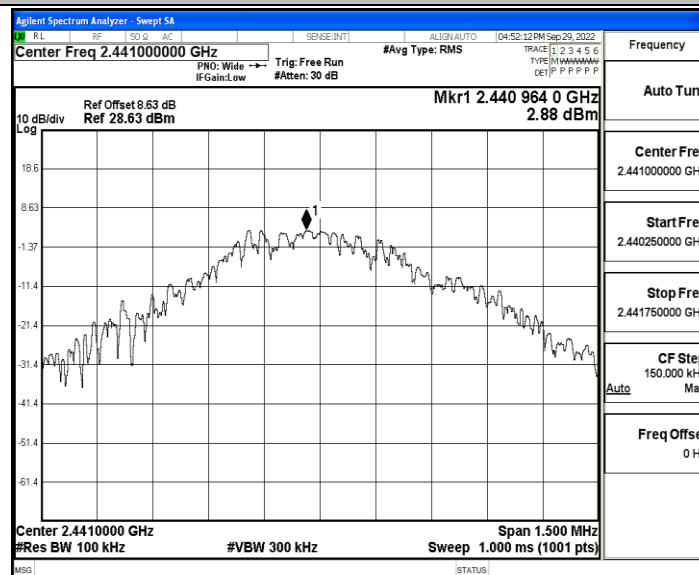


DH5_Ant_2402_1000~26500



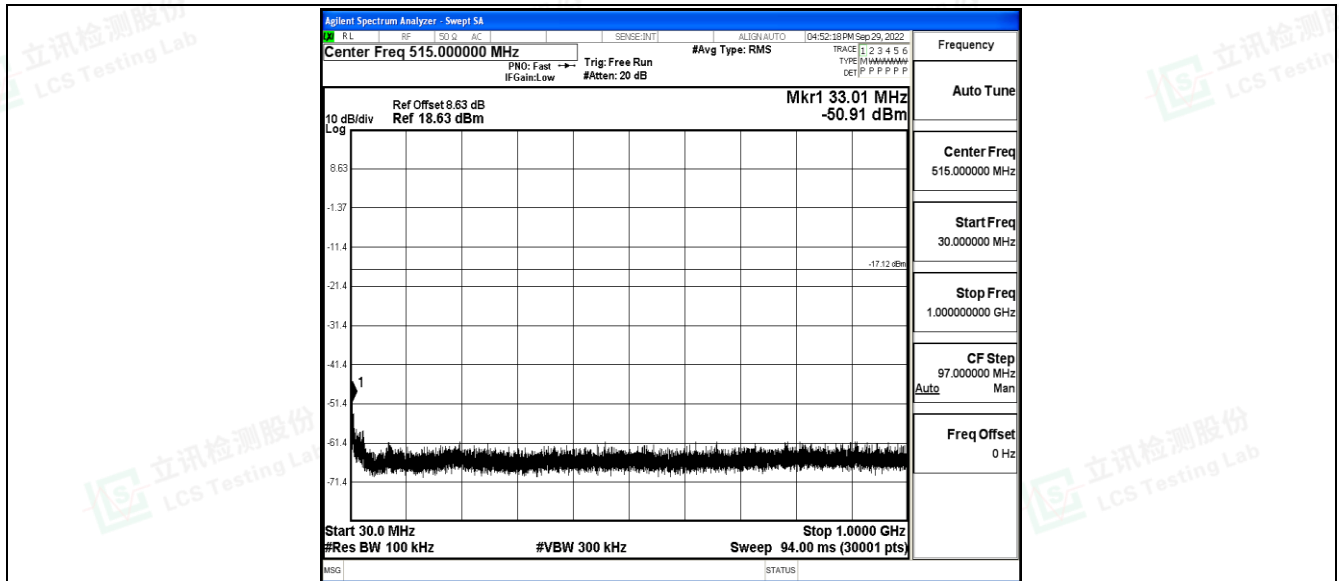


DH5_Ant_2441_0~Reference

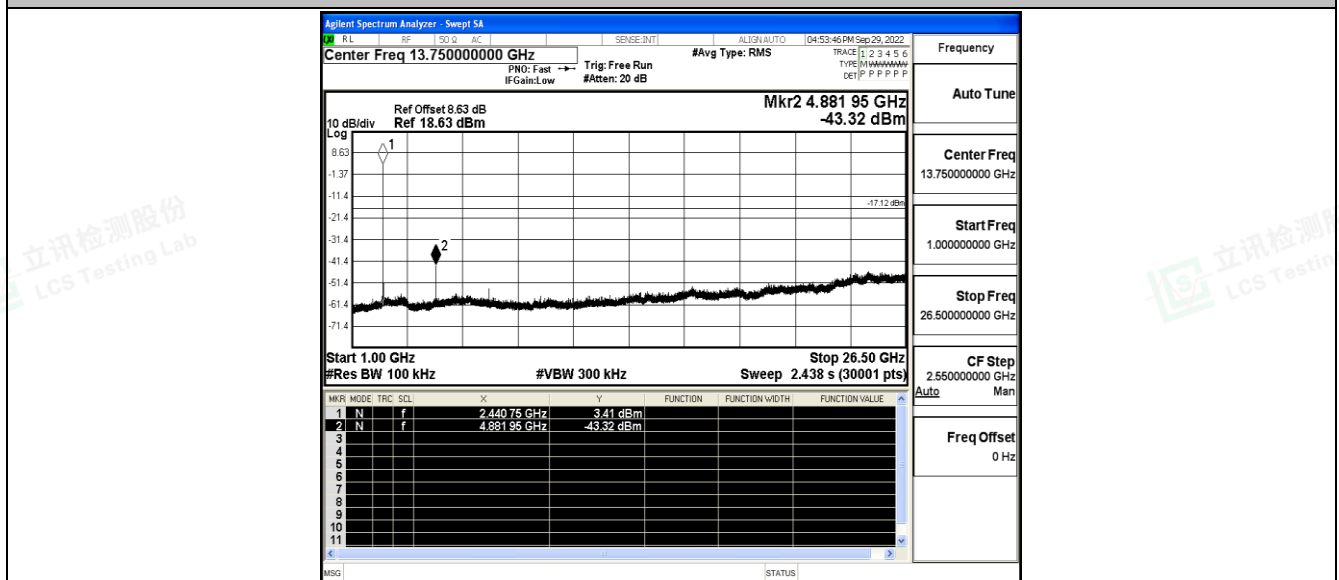


DH5_Ant_2441_30~1000



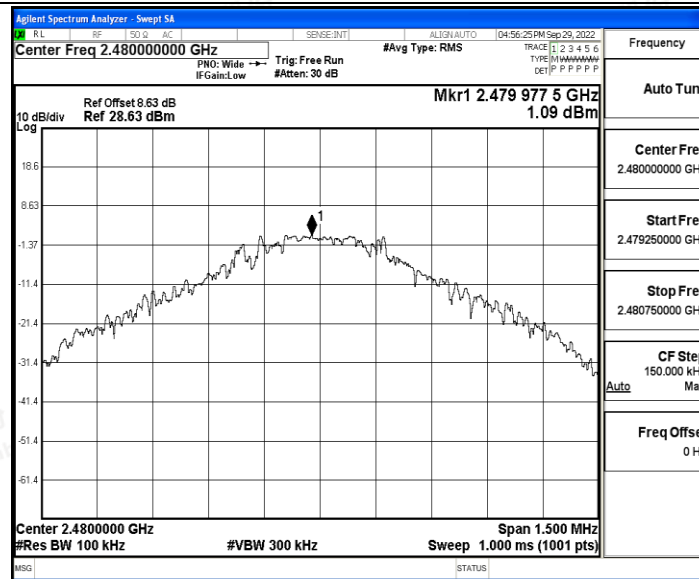


DH5_Ant_2441_1000~26500

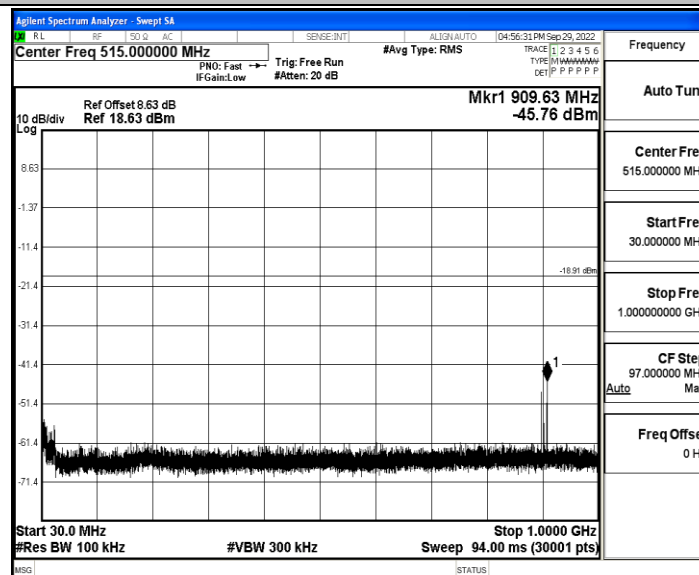


DH5_Ant_2480_0~Reference



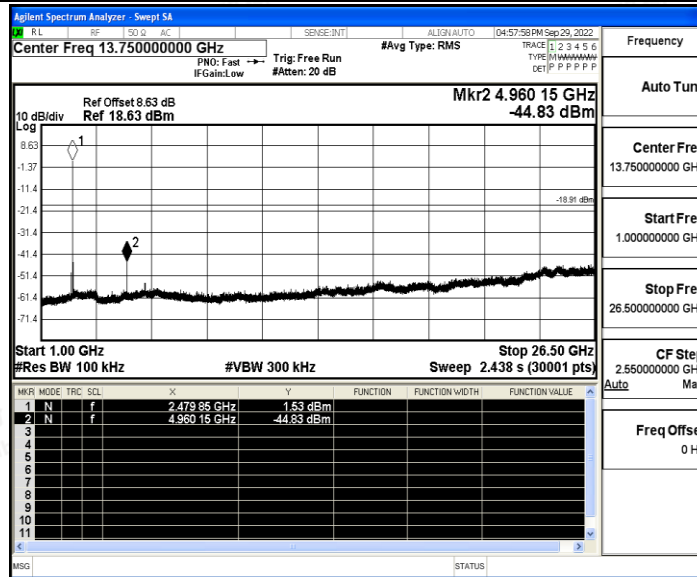


DH5_Ant_2480_30~1000

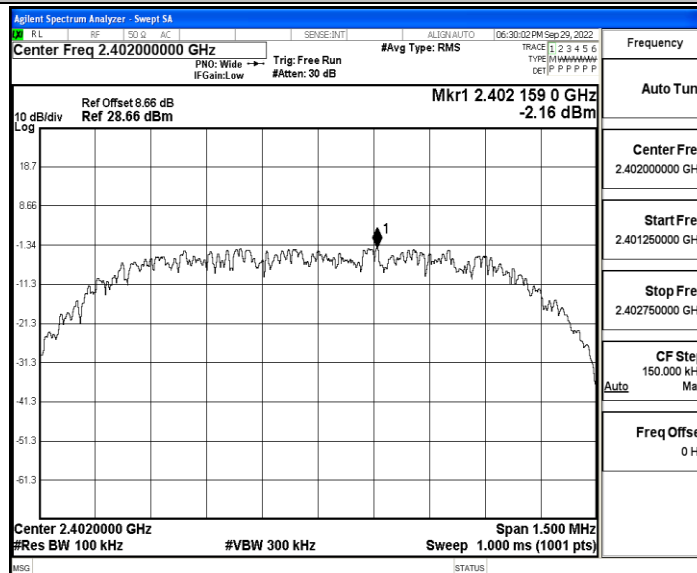


DH5_Ant_2480_1000~26500





2DH5_Ant_2402_0~Reference



2DH5_Ant_2402_30~1000

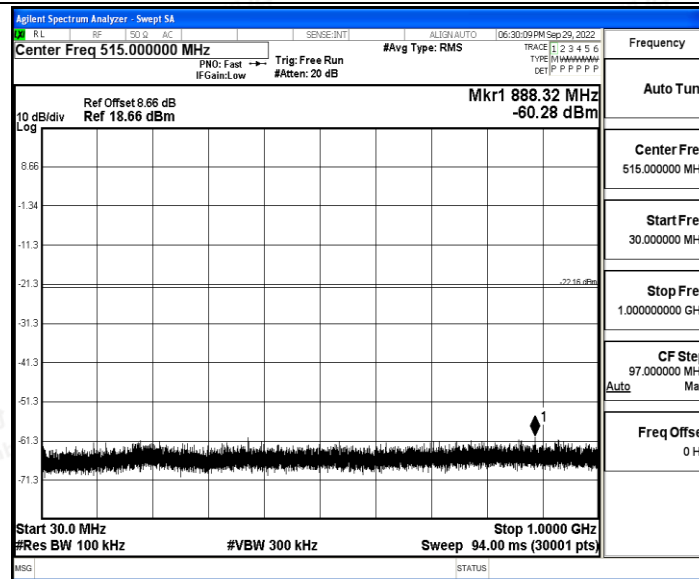


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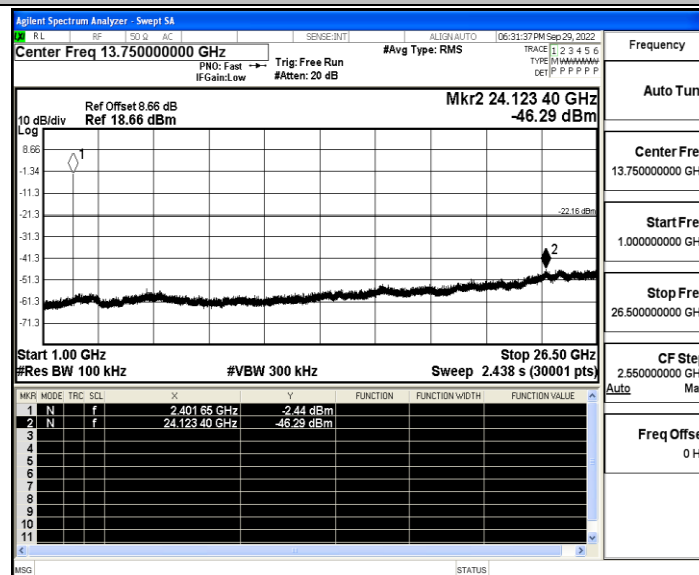
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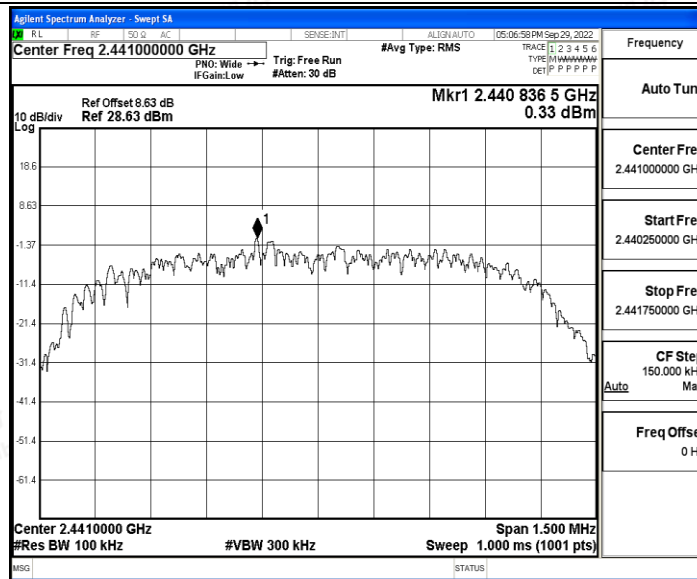


2DH5_Ant_2402_1000~26500

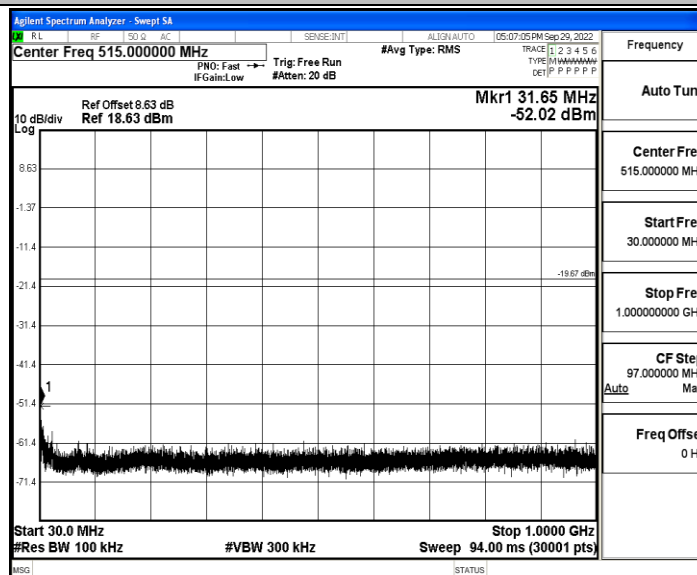


2DH5_Ant_2441_0~Reference



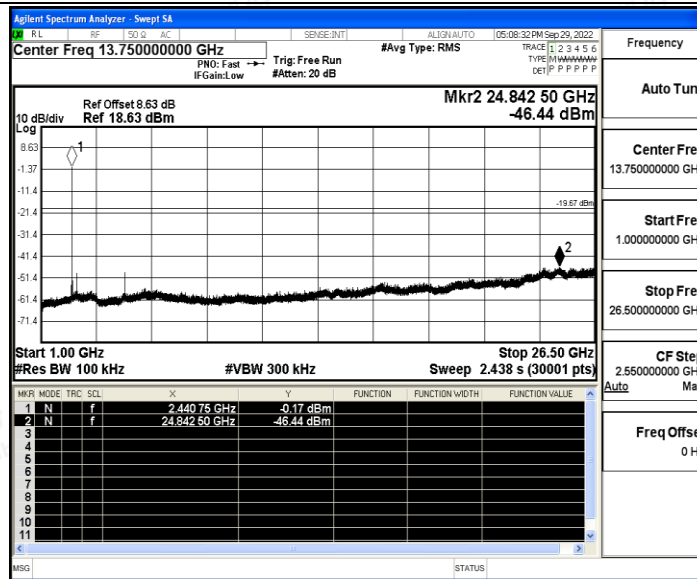


2DH5_Ant_2441_30~1000

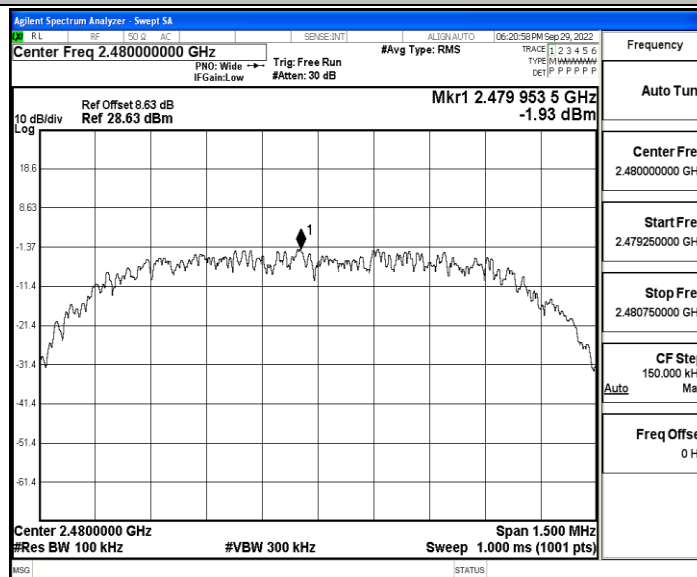


2DH5_Ant_2441_1000~26500



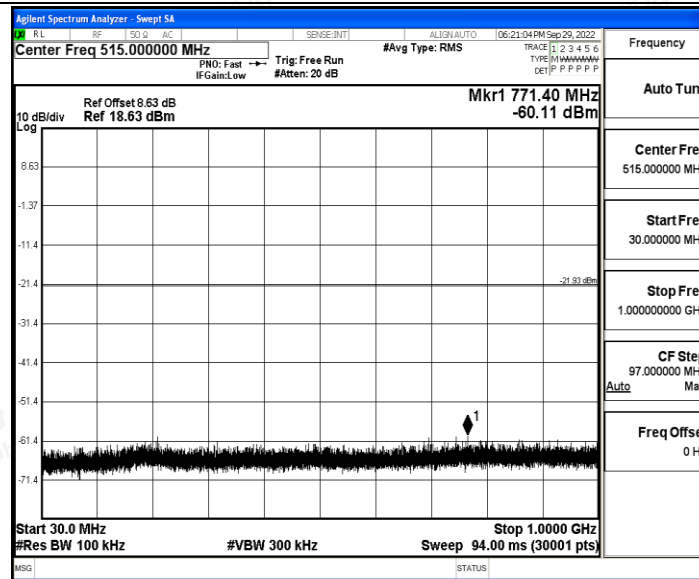


2DH5_Ant_2480_0~Reference

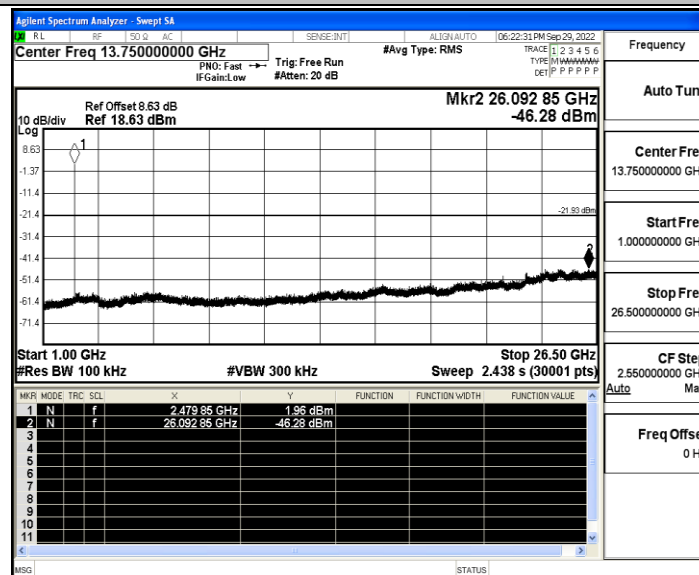


2DH5_Ant_2480_30~1000



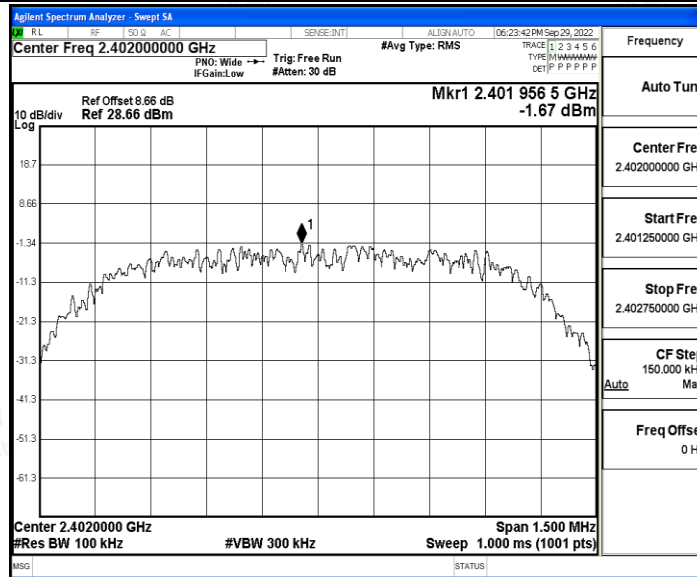


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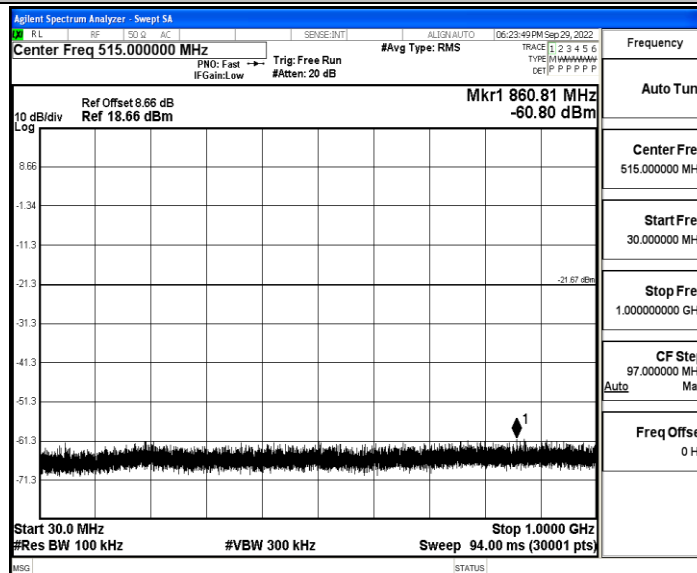


3DH5_Ant_2402_0~Reference



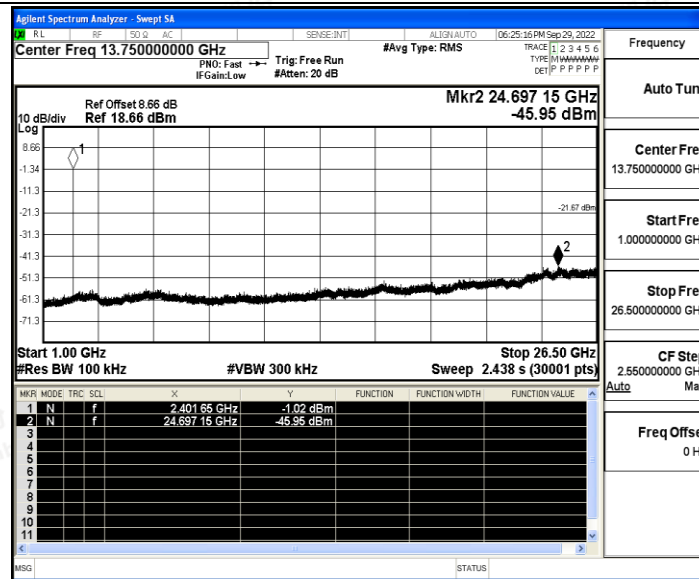


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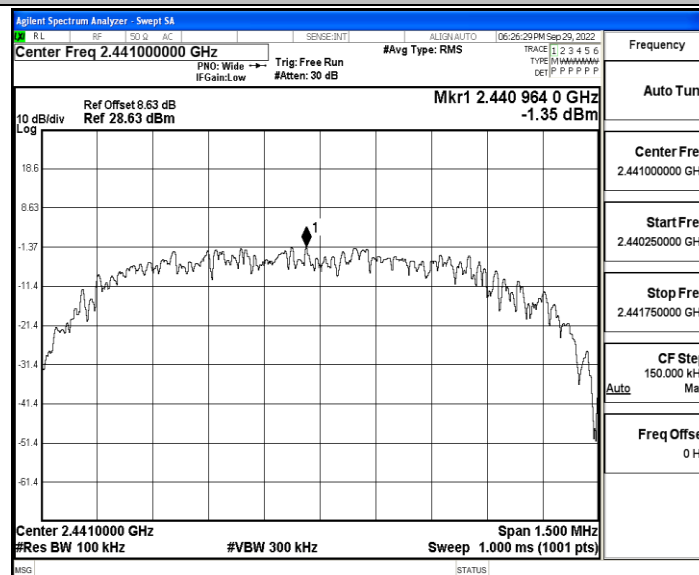


3DH5_Ant_2402_1000~26500





3DH5_Ant_2441_0~Reference



3DH5_Ant_2441_30~1000

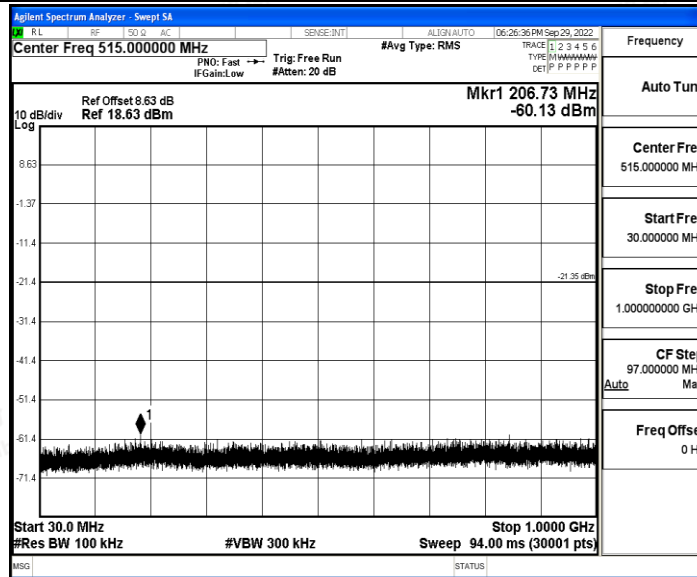


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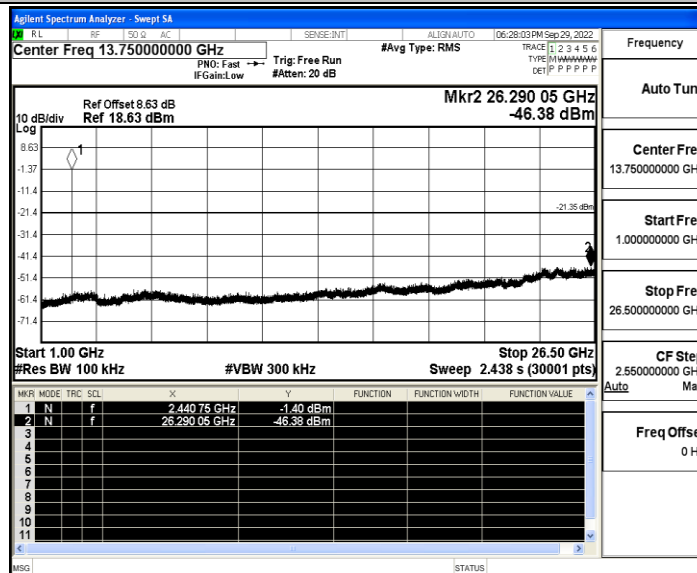
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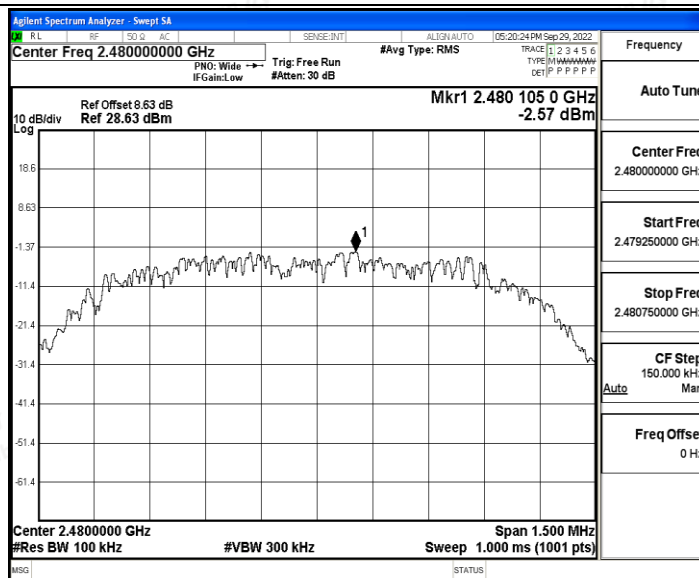


3DH5_Ant_2441_1000~26500

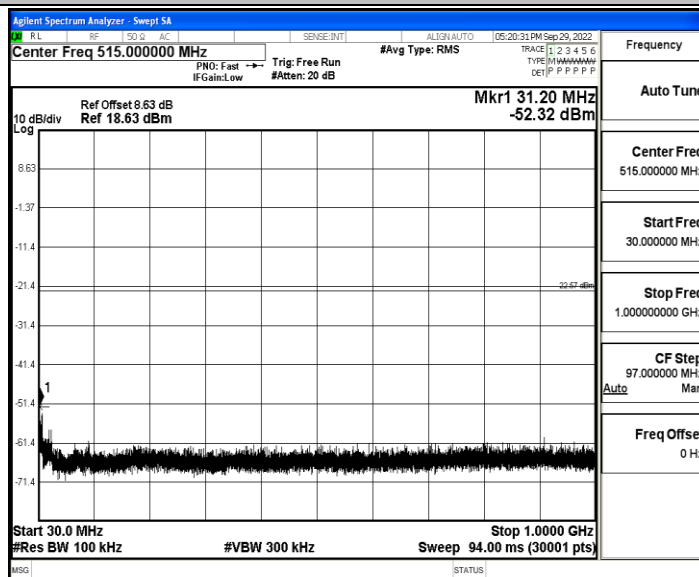


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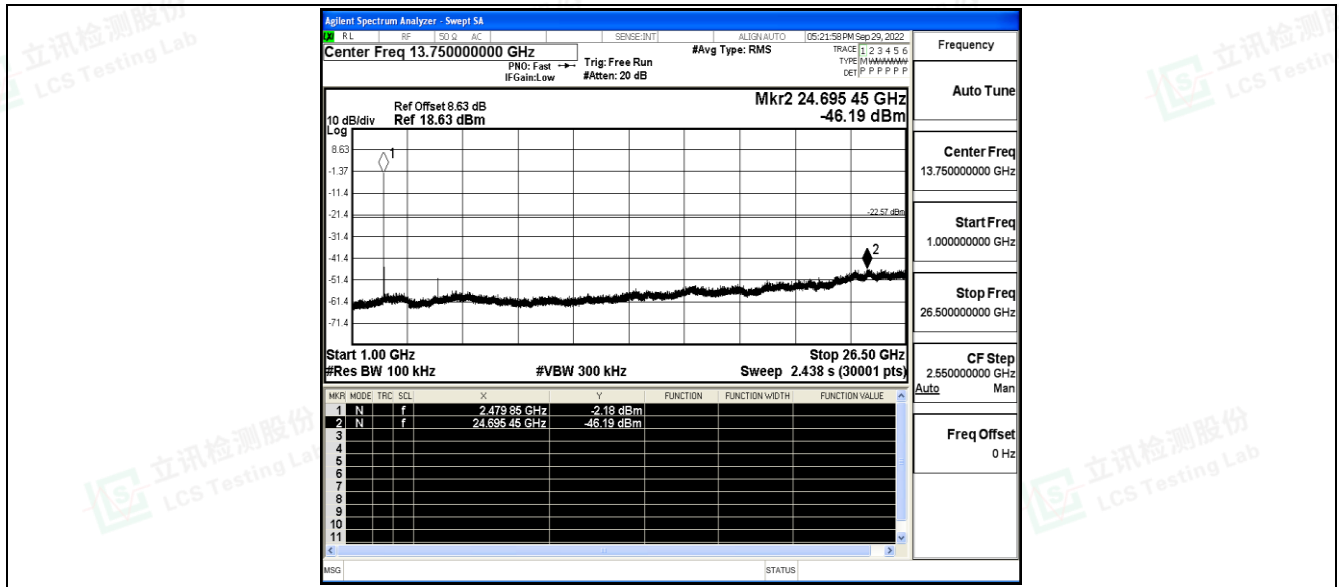


3DH5_Ant_2480_30~1000



3DH5_Ant_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	Ant	Low	2402	AV	2310.000	-58.2	≤-41.20	37.00	≤54	PASS
				AV	2388.200	-51.3	≤-41.20	43.90	≤54	PASS
				AV	2390.000	-52.49	≤-41.20	42.71	≤54	PASS
				Peak	2310.000	-55.13	≤-21.20	40.07	≤74	PASS
				Peak	2388.200	-41.65	≤-21.20	53.55	≤74	PASS
				Peak	2390.000	-49.08	≤-21.20	46.12	≤74	PASS
		High	2480	AV	2483.500	-43.45	≤-41.20	51.75	≤54	PASS
				AV	2483.760	-42.03	≤-41.20	53.17	≤54	PASS
				AV	2500.000	-56.82	≤-41.20	38.38	≤54	PASS
				Peak	2483.500	-48.3	≤-21.20	46.90	≤74	PASS
				Peak	2483.600	-27.29	≤-21.20	67.91	≤74	PASS
				Peak	2500.000	-51.3	≤-21.20	43.90	≤74	PASS
2DH5	Ant	Low	2402	AV	2310.000	-58.1	≤-41.20	37.10	≤54	PASS
				AV	2389.880	-57.42	≤-41.20	37.78	≤54	PASS
				AV	2390.000	-57.51	≤-41.20	37.69	≤54	PASS
				Peak	2310.000	-52.91	≤-21.20	42.29	≤74	PASS
				Peak	2389.775	-48.56	≤-21.20	46.64	≤74	PASS
				Peak	2390.000	-51.97	≤-21.20	43.23	≤74	PASS
		High	2480	AV	2483.500	-44.01	≤-41.20	51.19	≤54	PASS
				AV	2483.600	-43.86	≤-41.20	51.34	≤54	PASS
				AV	2500.000	-56.34	≤-41.20	38.86	≤54	PASS
				Peak	2483.500	-37.06	≤-21.20	58.14	≤74	PASS
				Peak	2484.080	-29.71	≤-21.20	65.49	≤74	PASS
				Peak	2500.000	-50.67	≤-21.20	44.53	≤74	PASS
3DH5	Ant	Low	2402	AV	2310.000	-57.98	≤-41.20	37.22	≤54	PASS
				AV	2388.935	-53.11	≤-41.20	42.09	≤54	PASS
				AV	2390.000	-56.63	≤-41.20	38.57	≤54	PASS
				Peak	2310.000	-50.93	≤-21.20	44.27	≤74	PASS
				Peak	2384.945	-47.2	≤-21.20	48.00	≤74	PASS
				Peak	2390.000	-48.95	≤-21.20	46.25	≤74	PASS
		High	2480	AV	2483.500	-44.65	≤-41.20	50.55	≤54	PASS
				AV	2483.520	-44.65	≤-41.20	50.55	≤54	PASS
				AV	2500.000	-55.07	≤-41.20	40.13	≤54	PASS
				Peak	2483.500	-40.83	≤-21.20	54.37	≤74	PASS
				Peak	2484.080	-30.79	≤-21.20	64.41	≤74	PASS



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				Peak	2500.000	-49.86	≤-21.20	45.34	≤74	PASS
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Note:

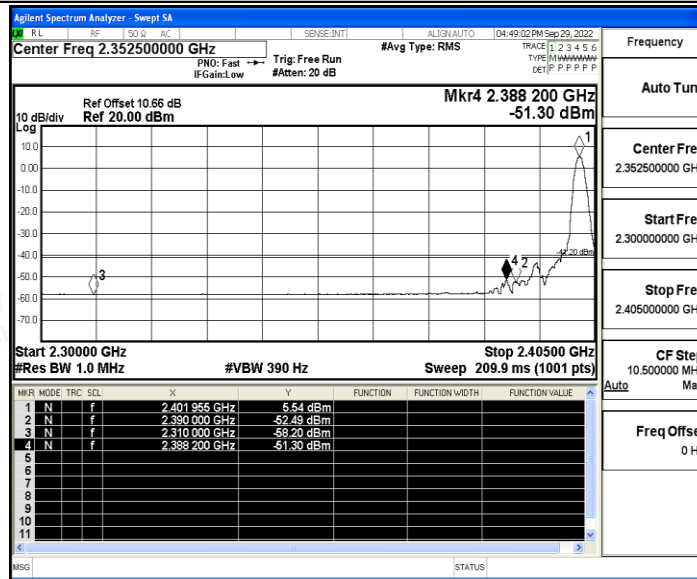
- 1. The Antenna Gain is compensated in the graph.
- 2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



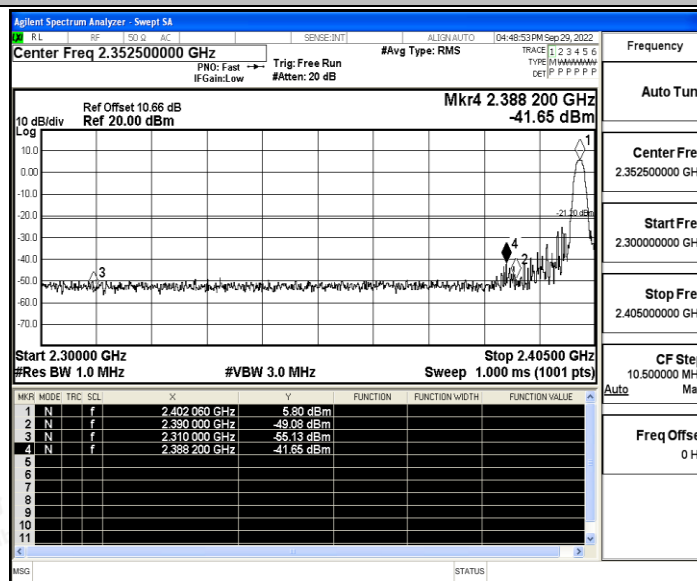


Test Graphs

DH5_Ant_Low_2402_AV

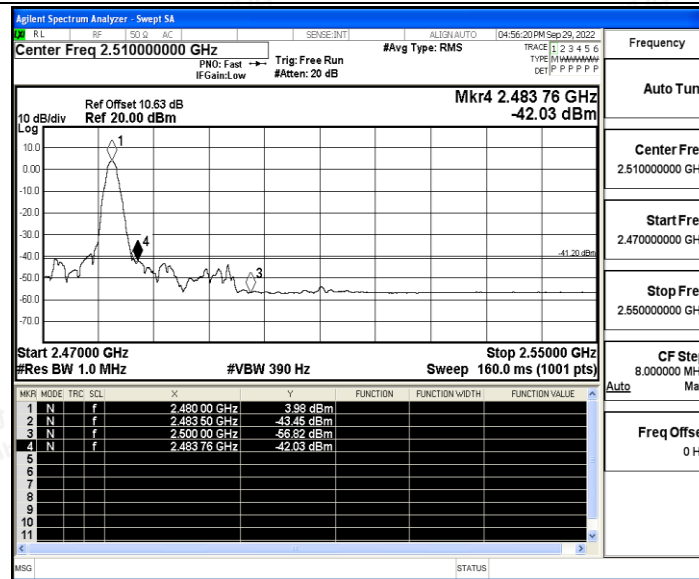


DH5_Ant_Low_2402_Peak

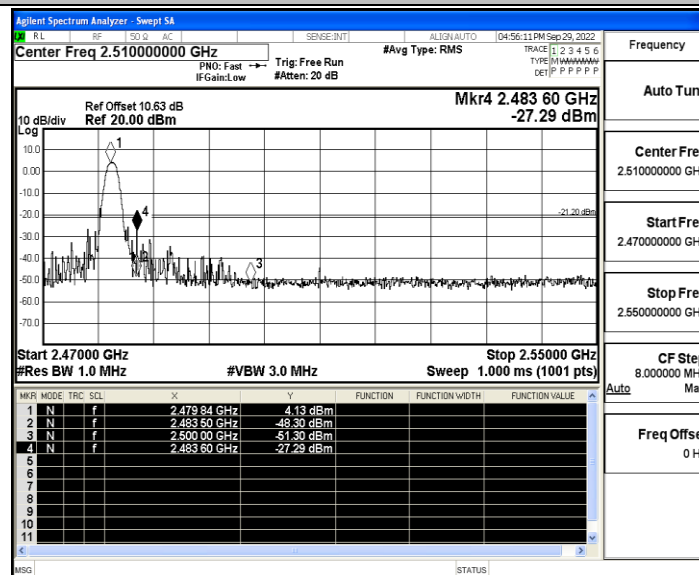


DH5_Ant_High_2480_AV



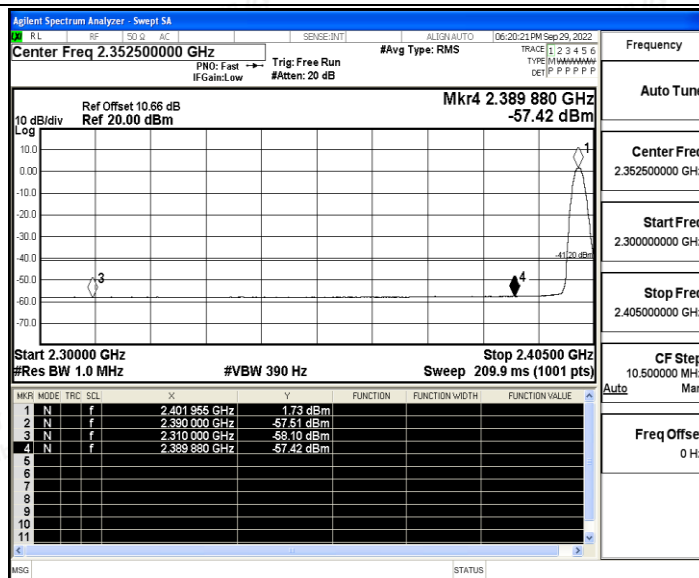


DH5_Ant_High_2480_Peak

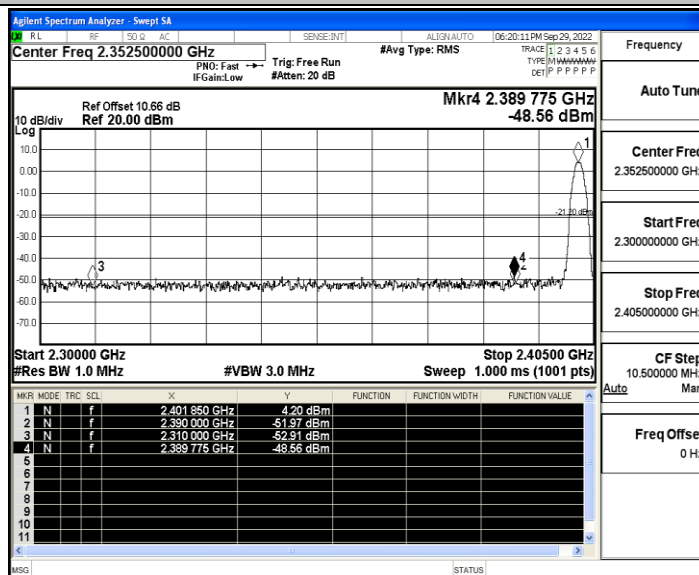


2DH5_Ant_Low_2402_AV



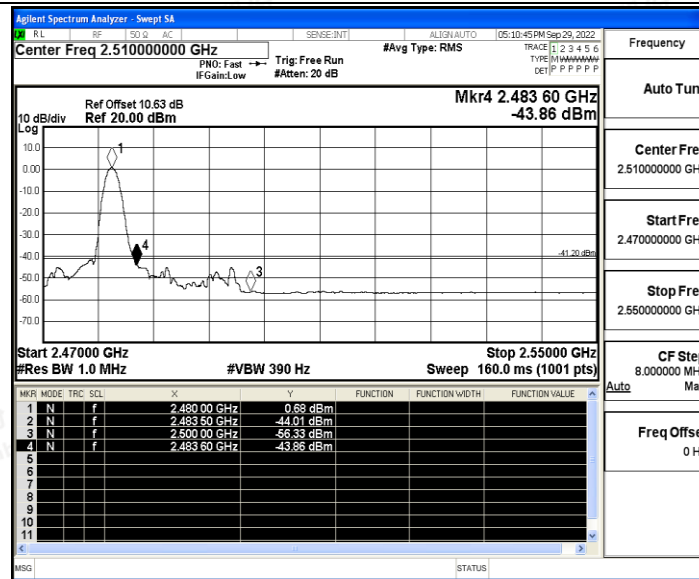


2DH5_Ant_Low_2402_Peak

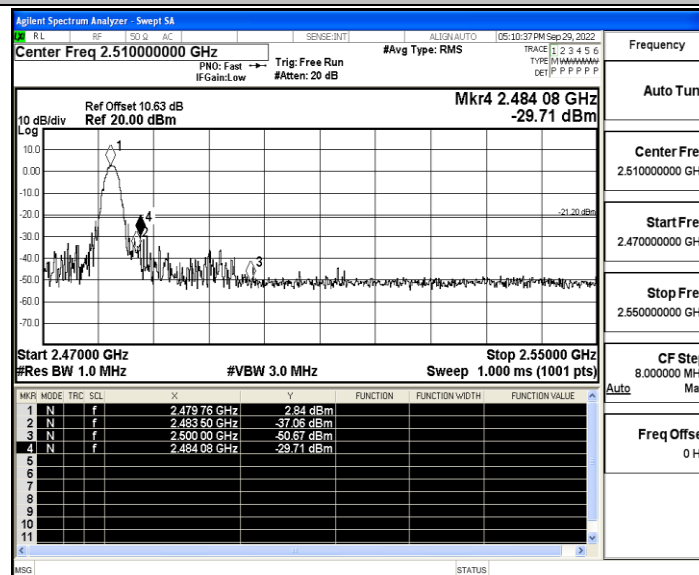


2DH5_Ant_High_2480_AV



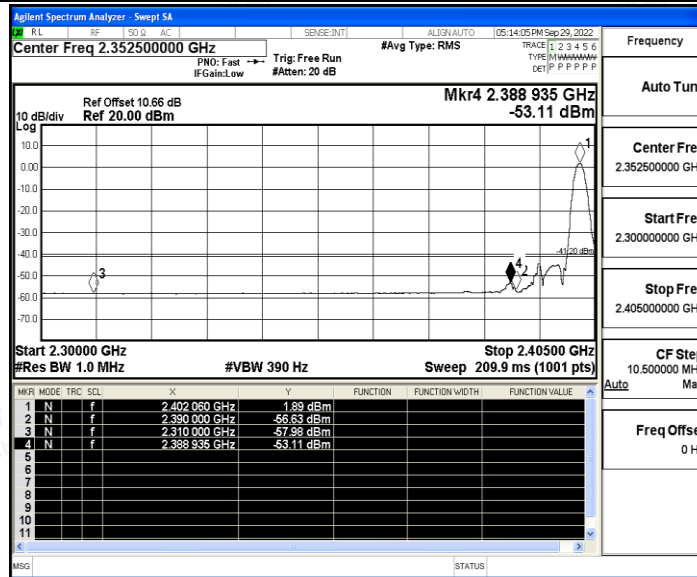


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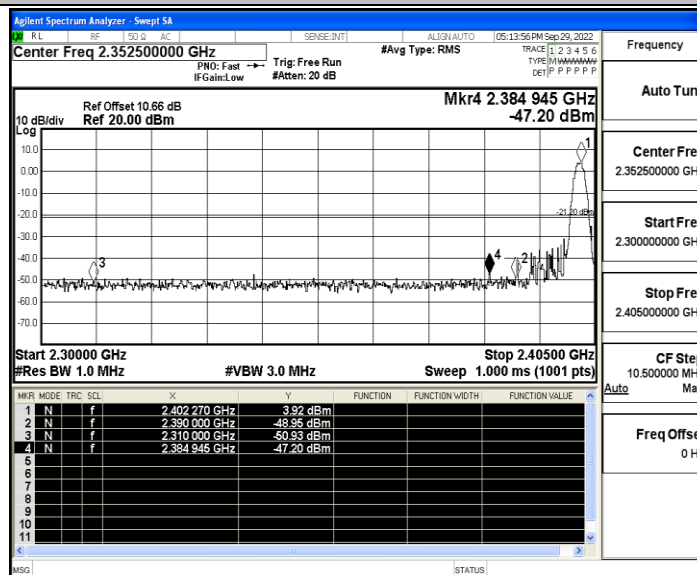


3DH5_Ant_Low_2402_AV





3DH5_Ant_Low_2402_Peak



3DH5_Ant_High_2480_AV

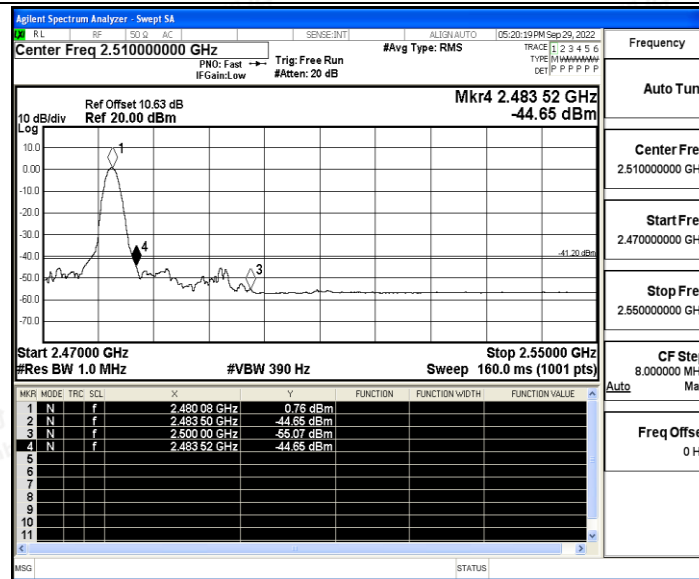


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3DH5_Ant_High_2480_Peak

