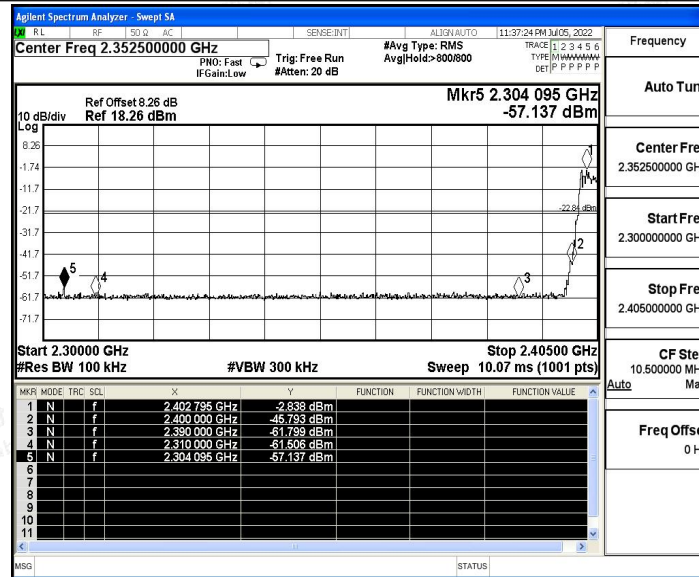
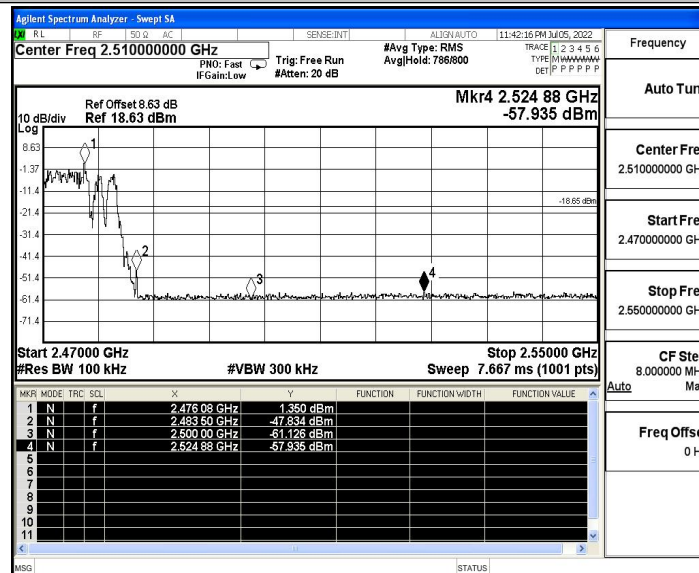




3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.03	0.03	---	PASS
			30~1000	0.03	-59.97	≤ -19.97	PASS
			1000~26500	0.03	-42.96	≤ -19.97	PASS
		2441	Reference	1.26	1.26	---	PASS
			30~1000	1.26	-59.53	≤ -18.74	PASS
			1000~26500	1.26	-46.27	≤ -18.74	PASS
		2480	Reference	2.19	2.19	---	PASS
			30~1000	2.19	-58.78	≤ -17.81	PASS
			1000~26500	2.19	-46.2	≤ -17.81	PASS
2DH5	Ant1	2402	Reference	-0.21	-0.21	---	PASS
			30~1000	-0.21	-36.56	≤ -20.21	PASS
			1000~26500	-0.21	-46.18	≤ -20.21	PASS
		2441	Reference	0.56	0.56	---	PASS
			30~1000	0.56	-59.93	≤ -19.44	PASS
			1000~26500	0.56	-45.6	≤ -19.44	PASS
		2480	Reference	1.10	1.10	---	PASS
			30~1000	1.10	-58.92	≤ -18.9	PASS
			1000~26500	1.10	-45.97	≤ -18.9	PASS
3DH5	Ant1	2402	Reference	-0.04	-0.04	---	PASS
			30~1000	-0.04	-59.48	≤ -20.04	PASS
			1000~26500	-0.04	-45.83	≤ -20.04	PASS
		2441	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-59.31	≤ -19.94	PASS
			1000~26500	0.06	-46.1	≤ -19.94	PASS
		2480	Reference	1.54	1.54	---	PASS
			30~1000	1.54	-59.66	≤ -18.46	PASS
			1000~26500	1.54	-46.13	≤ -18.46	PASS



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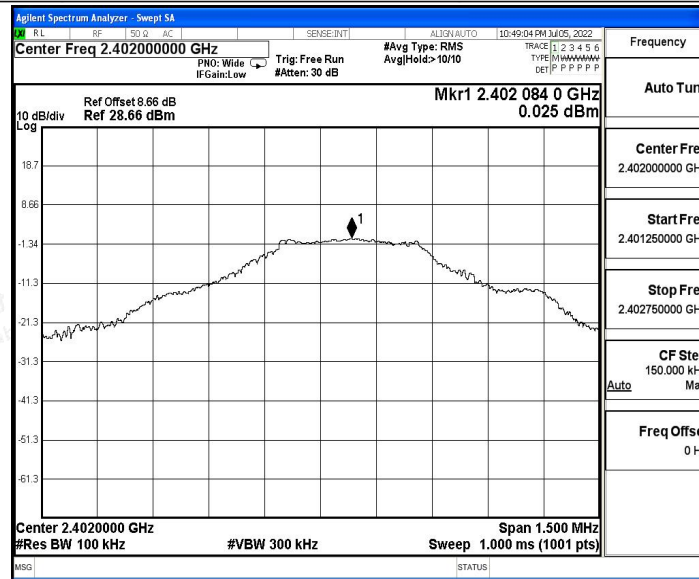
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

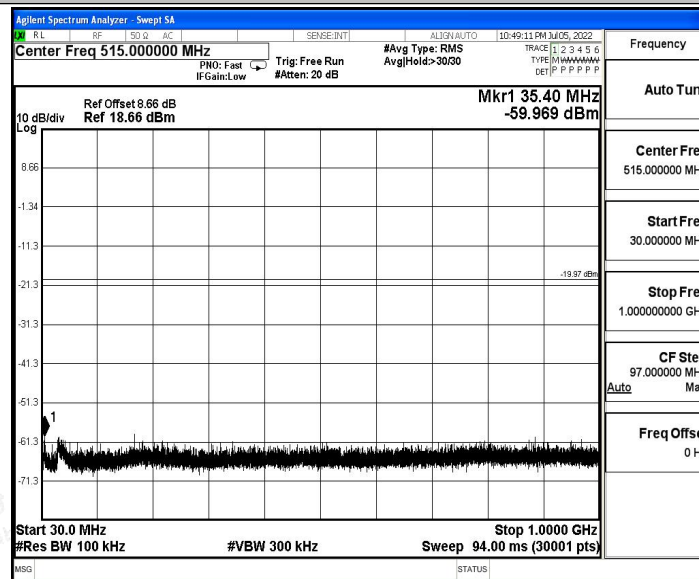


Test Graphs

DH5_Ant1_2402_0~Reference

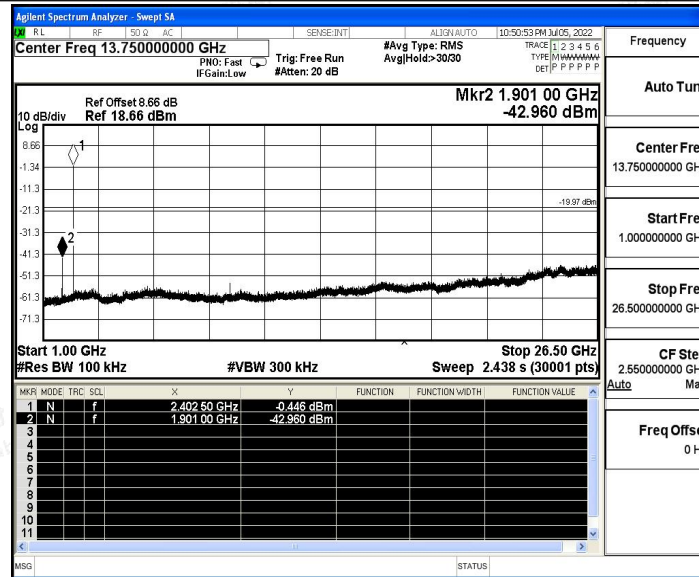


DH5_Ant1_2402_30~1000

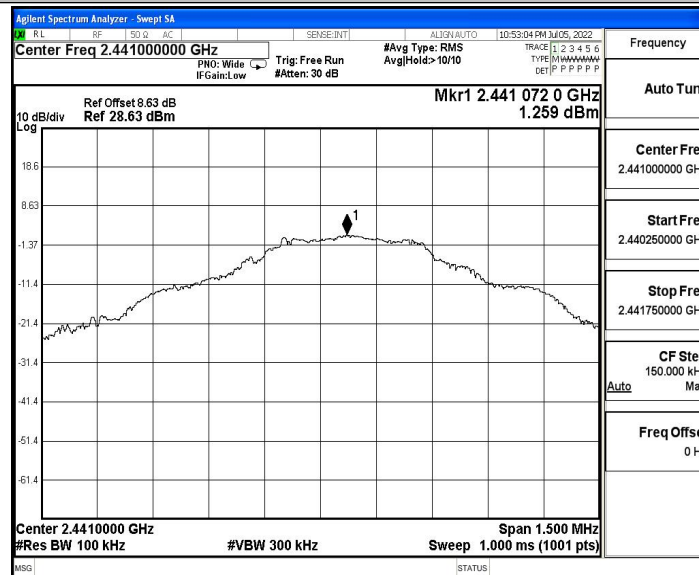


DH5_Ant1_2402_1000~26500



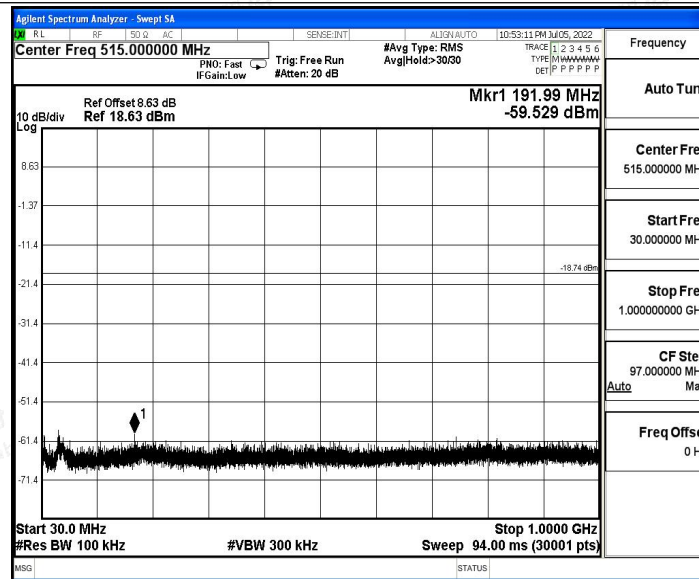


DH5_Ant1_2441_0~Reference

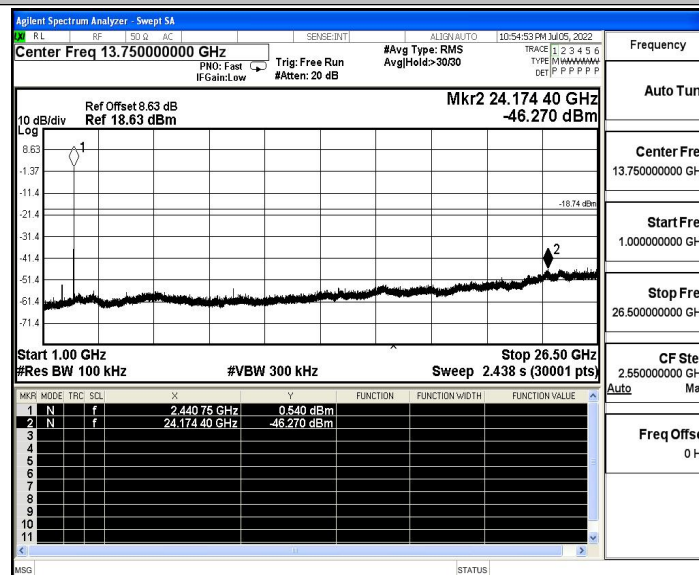


DH5_Ant1_2441_30~1000



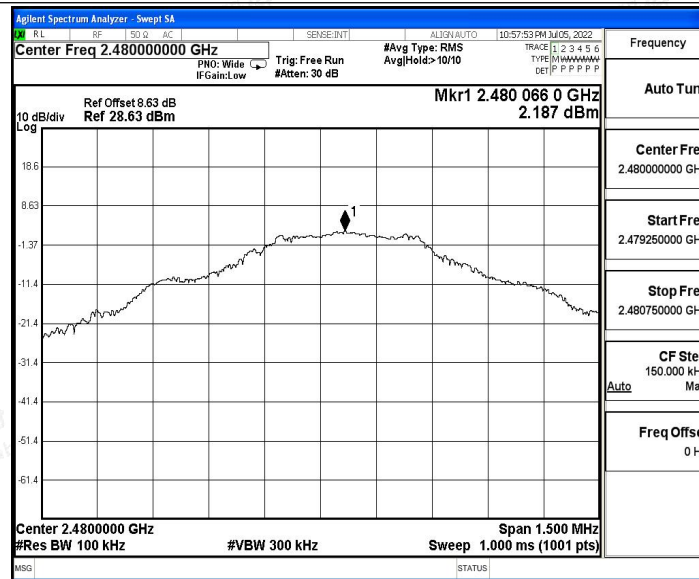


DH5_Ant1_2441_1000~26500

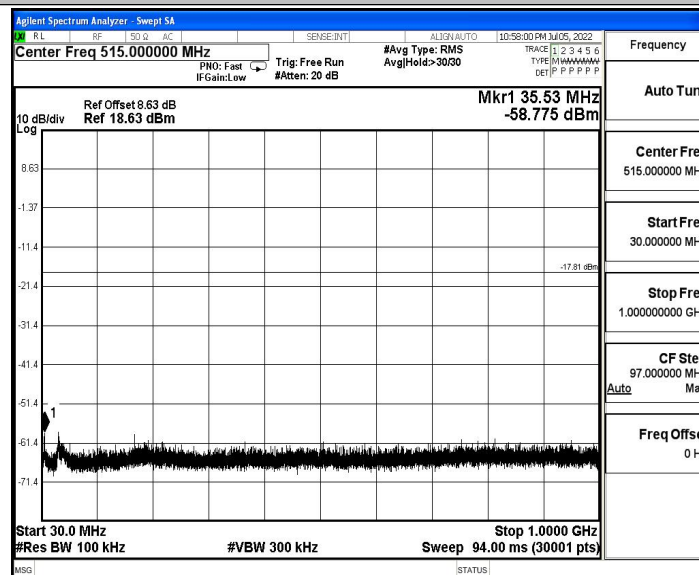


DH5_Ant1_2480_0~Reference



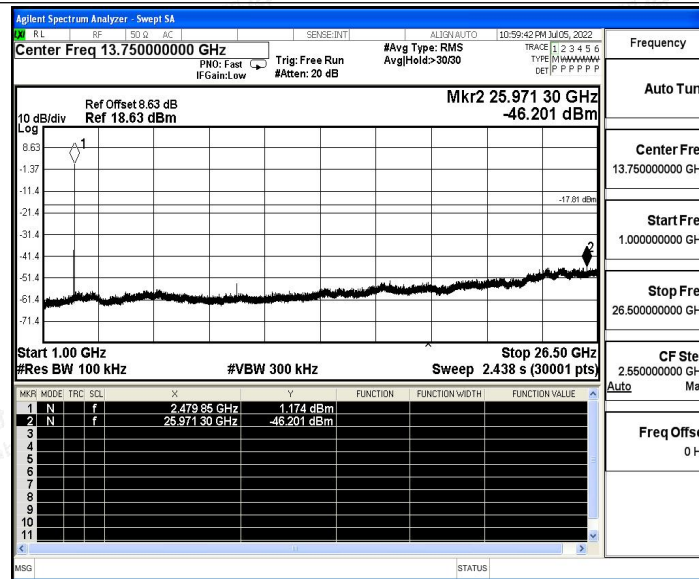


DH5_Ant1_2480_30~1000

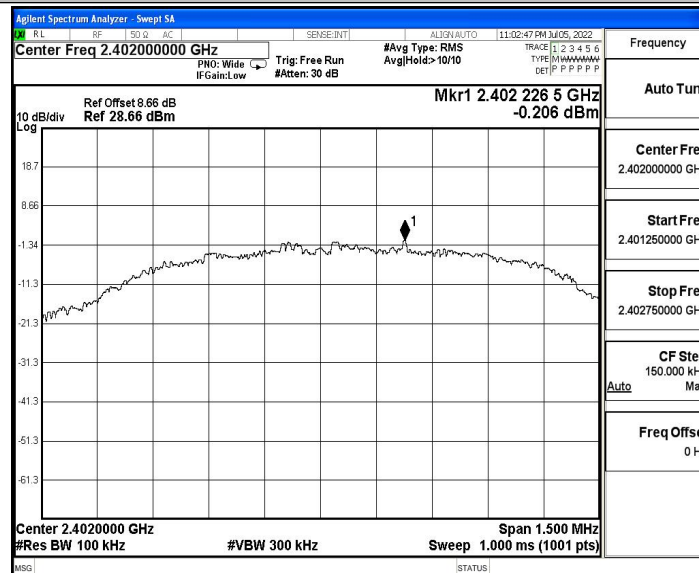


DH5_Ant1_2480_1000~26500



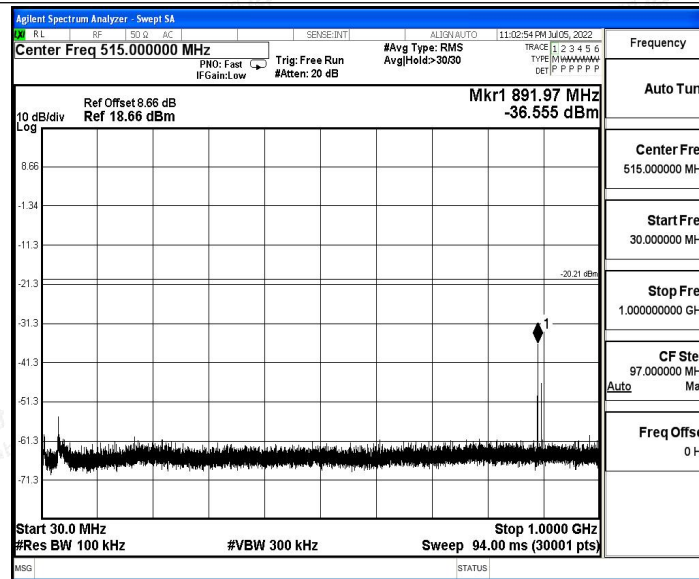


2DH5_Ant1_2402_0~Reference

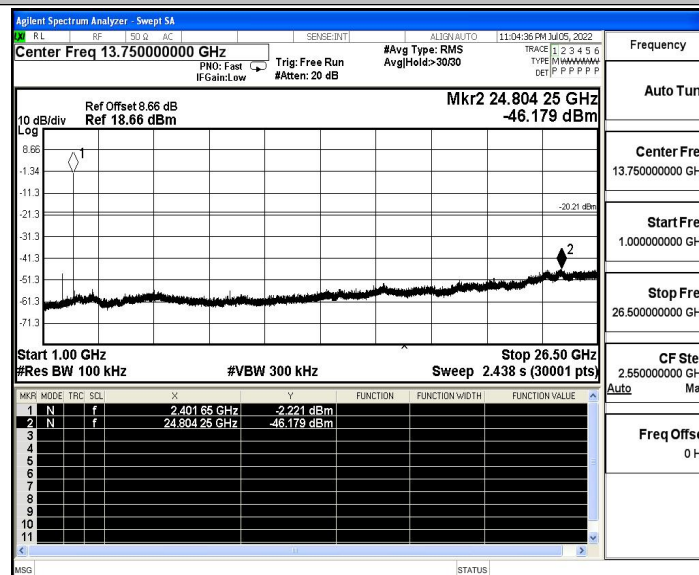


2DH5_Ant1_2402_30~1000



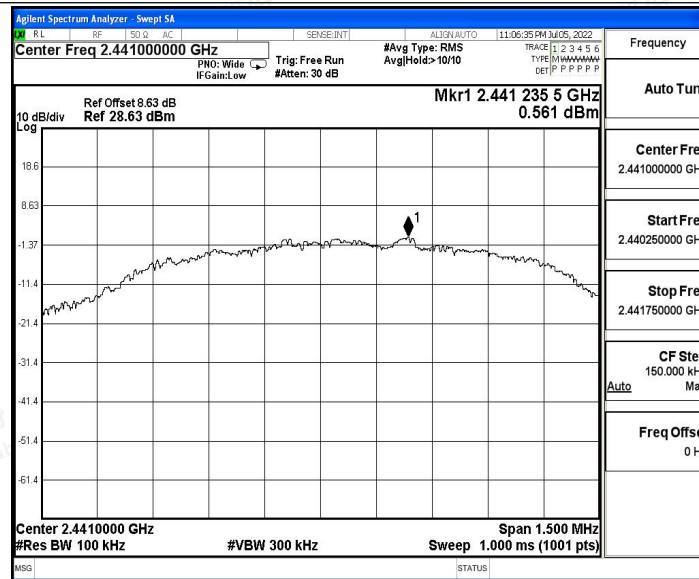


2DH5_Ant1_2402_1000~26500

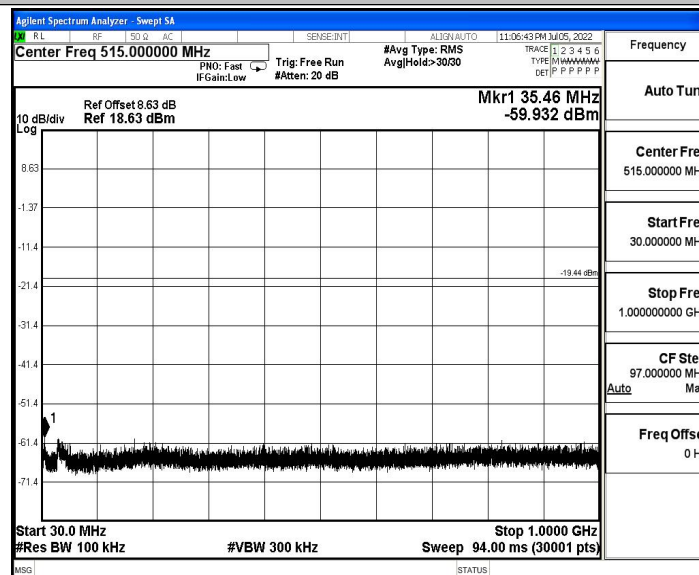


2DH5_Ant1_2441_0~Reference



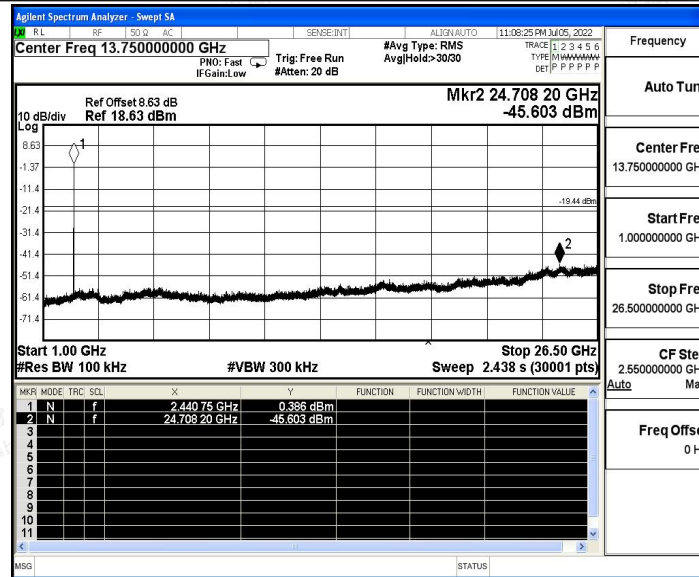


2DH5_Ant1_2441_30~1000

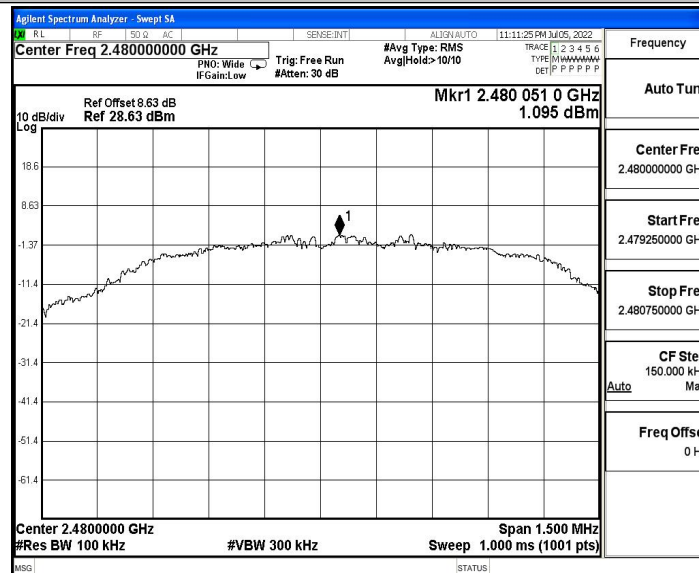


2DH5_Ant1_2441_1000~26500



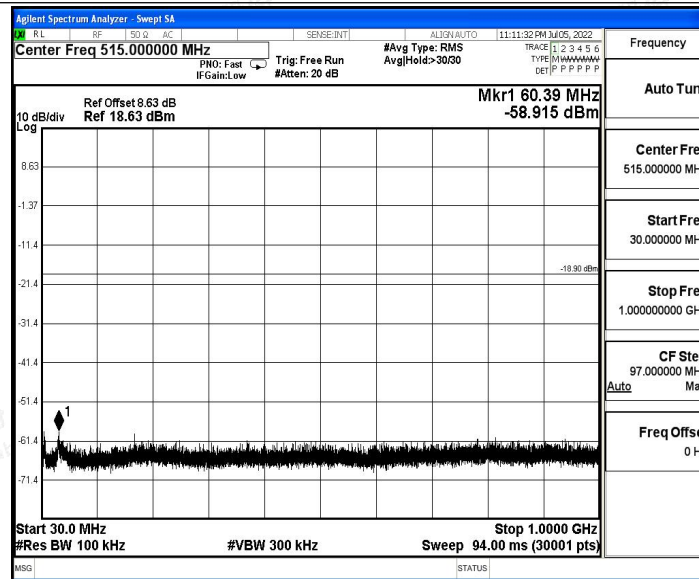


2DH5_Ant1_2480_0~Reference

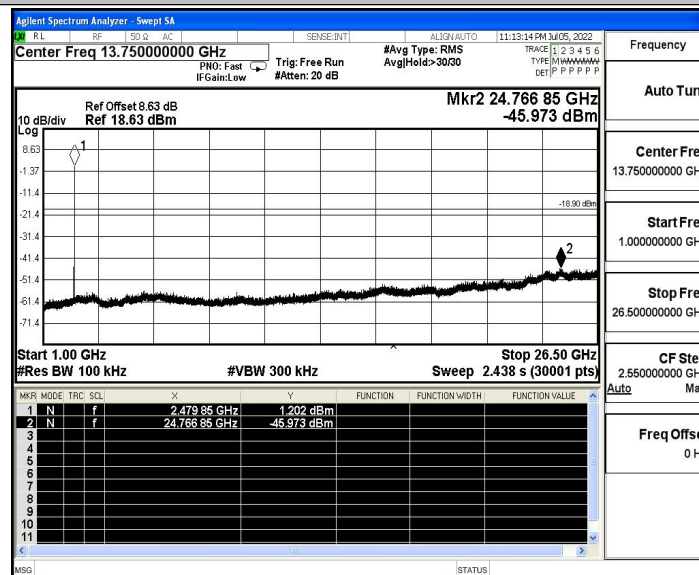


2DH5_Ant1_2480_30~1000



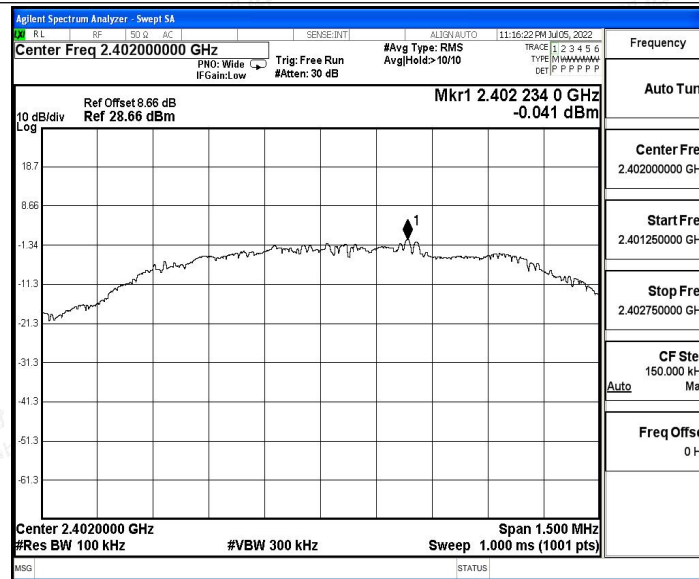


2DH5_Ant1_2480_1000~26500

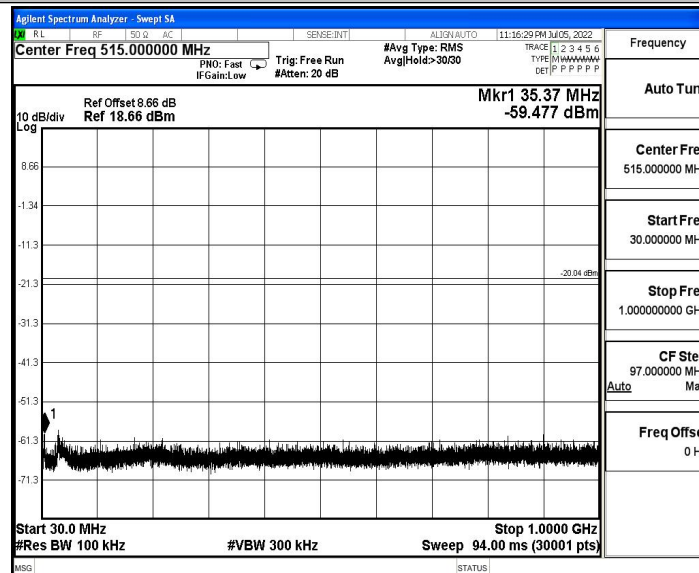


3DH5_Ant1_2402_0~Reference



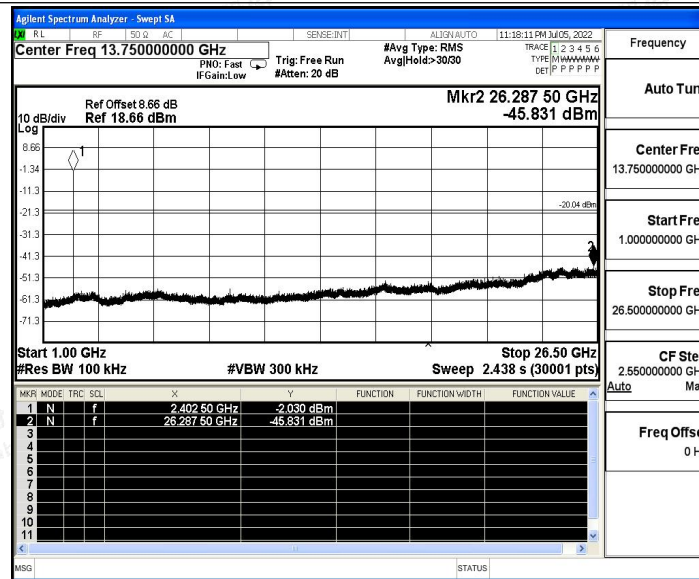


3DH5_Ant1_2402_30~1000

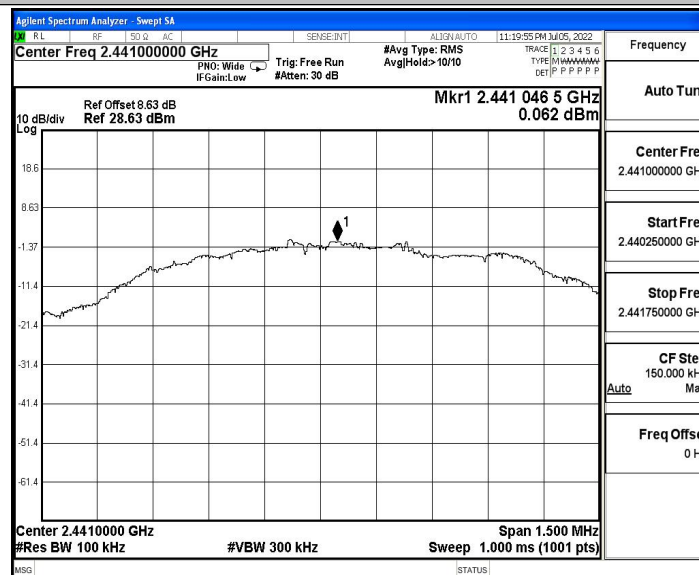


3DH5_Ant1_2402_1000~26500



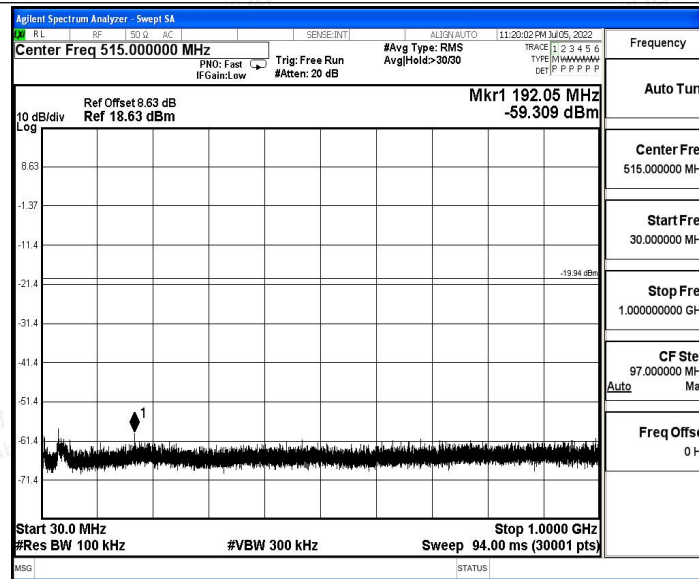


3DH5_Ant1_2441_0~Reference

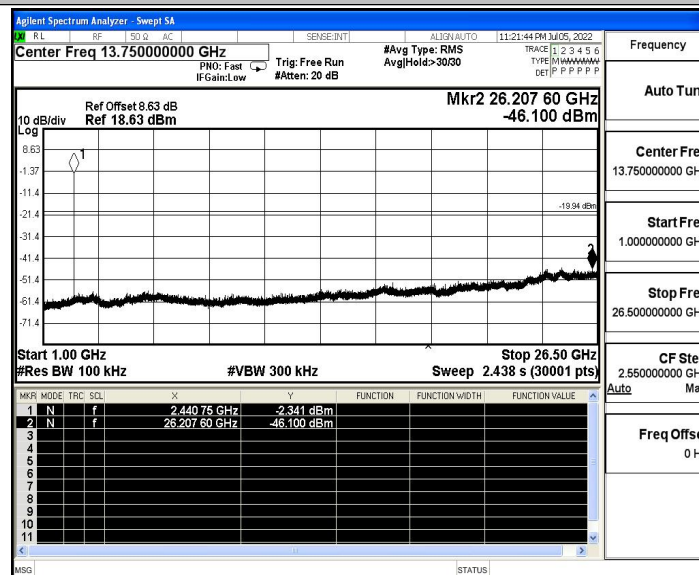


3DH5_Ant1_2441_30~1000



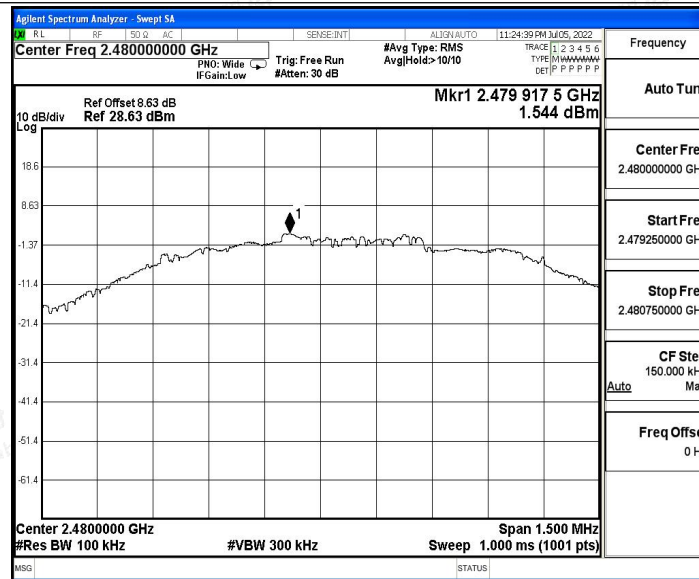


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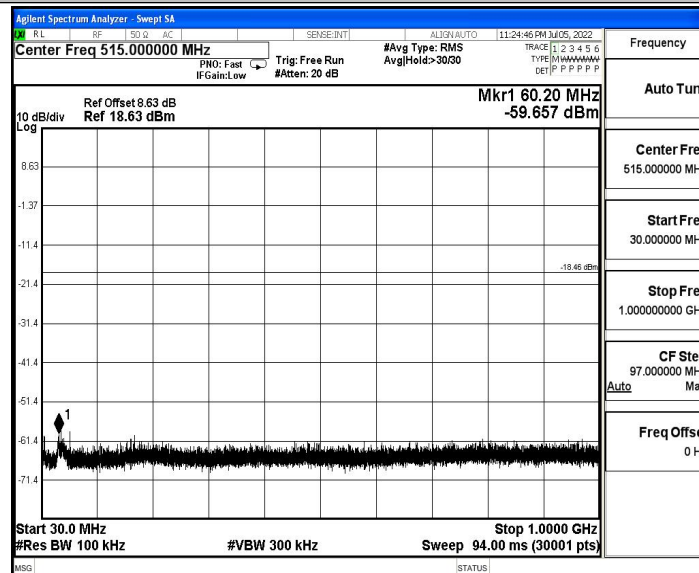


3DH5_Ant1_2480_0~Reference



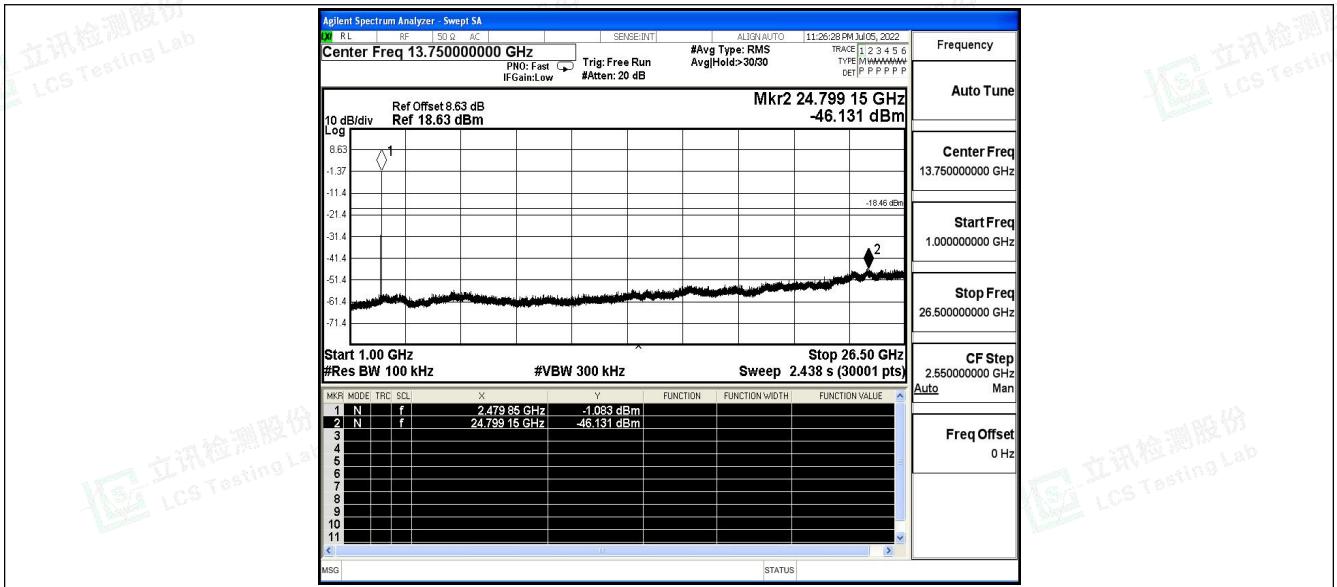


3DH5_Ant1_2480_30~1000



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	-57.89	≤-41.20	37.31	≤54	PASS
				AV	2330.240	-57.36	≤-41.20	37.84	≤54	PASS
				AV	2390.000	-57.58	≤-41.20	37.62	≤54	PASS
				Peak	2310.000	-48.86	≤-21.20	46.34	≤74	PASS
				Peak	2389.775	-46.4	≤-21.20	48.80	≤74	PASS
				Peak	2390.000	-48.47	≤-21.20	46.73	≤74	PASS
		High	2480	AV	2483.500	-53.51	≤-41.20	41.69	≤54	PASS
				AV	2483.520	-53.51	≤-41.20	41.69	≤54	PASS
				AV	2500.000	-56.94	≤-41.20	38.26	≤54	PASS
				Peak	2483.500	-44.4	≤-21.20	50.80	≤74	PASS
				Peak	2483.600	-43.79	≤-21.20	51.41	≤74	PASS
				Peak	2500.000	-47.48	≤-21.20	47.72	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-47.86	≤-21.20	47.34	≤74	PASS
				Peak	2350.505	-46.8	≤-21.20	48.40	≤74	PASS
				Peak	2390.000	-48.26	≤-21.20	46.94	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-47.12	≤-21.20	48.08	≤74	PASS
				Peak	2494.960	-45.96	≤-21.20	49.24	≤74	PASS
				Peak	2500.000	-48.21	≤-21.20	46.99	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-58.09	≤-41.20	37.11	≤54	PASS
				AV	2385.785	-57.47	≤-41.20	37.73	≤54	PASS
				AV	2390.000	-57.54	≤-41.20	37.66	≤54	PASS
				Peak	2310.000	-48.88	≤-21.20	46.32	≤74	PASS
				Peak	2369.720	-46.67	≤-21.20	48.53	≤74	PASS
				Peak	2390.000	-48.54	≤-21.20	46.66	≤74	PASS
		High	2480	AV	2483.500	-46.3	≤-41.20	48.90	≤54	PASS
				AV	2483.520	-46.29	≤-41.20	48.91	≤54	PASS
				AV	2500.000	-57.03	≤-41.20	38.17	≤54	PASS
				Peak	2483.500	-35.61	≤-21.20	59.59	≤74	PASS
				Peak	2483.520	-35.61	≤-21.20	59.59	≤74	PASS
				Peak	2500.000	-47.9	≤-21.20	47.30	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-48.69	≤-21.20	46.51	≤74	PASS
				Peak	2366.360	-46.57	≤-21.20	48.63	≤74	PASS
				Peak	2390.000	-48.73	≤-21.20	46.47	≤74	PASS
		High	Hop_24	Peak	2483.500	-37.76	≤-21.20	57.44	≤74	PASS



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3DH5	Ant1		80	Peak	2483.600	-36.91	≤ -21.20	58.29	≤ 74	PASS
				Peak	2500.000	-45.56	≤ -21.20	49.64	≤ 74	PASS
		Low	2402	AV	2310.000	-58.06	≤ -41.20	37.14	≤ 54	PASS
				AV	2386.520	-57.38	≤ -41.20	37.82	≤ 54	PASS
				AV	2390.000	-57.65	≤ -41.20	37.55	≤ 54	PASS
				Peak	2310.000	-48.92	≤ -21.20	46.28	≤ 74	PASS
				Peak	2350.295	-46.29	≤ -21.20	48.91	≤ 74	PASS
				Peak	2390.000	-48.2	≤ -21.20	47.00	≤ 74	PASS
		High	2480	AV	2483.500	-45.61	≤ -41.20	49.59	≤ 54	PASS
				AV	2483.520	-45.61	≤ -41.20	49.59	≤ 54	PASS
				AV	2500.000	-57.06	≤ -41.20	38.14	≤ 54	PASS
				Peak	2483.500	-32.88	≤ -21.20	62.32	≤ 74	PASS
				Peak	2483.520	-32.88	≤ -21.20	62.32	≤ 74	PASS
				Peak	2500.000	-47.61	≤ -21.20	47.59	≤ 74	PASS
		Low	Hop_24 02	Peak	2310.000	-48.73	≤ -21.20	46.47	≤ 74	PASS
				Peak	2377.175	-46.68	≤ -21.20	48.52	≤ 74	PASS
				Peak	2390.000	-48.58	≤ -21.20	46.62	≤ 74	PASS
		High	Hop_24 80	Peak	2483.500	-34.33	≤ -21.20	60.87	≤ 74	PASS
				Peak	2500.000	-47.55	≤ -21.20	47.65	≤ 74	PASS

Note:

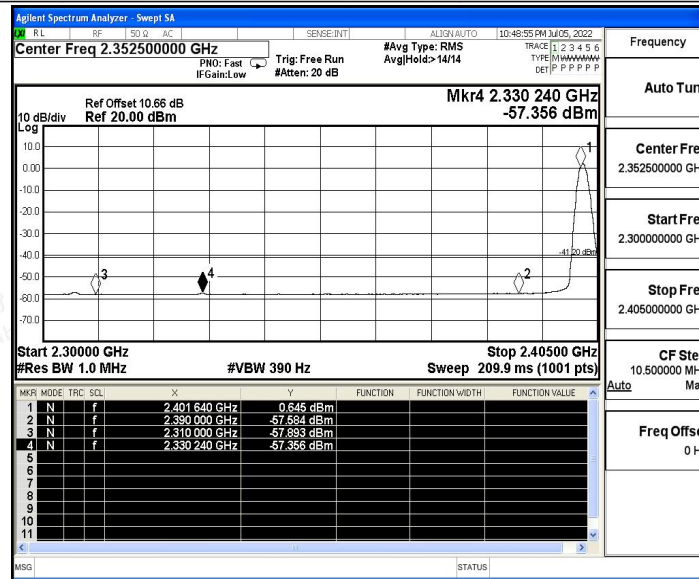
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



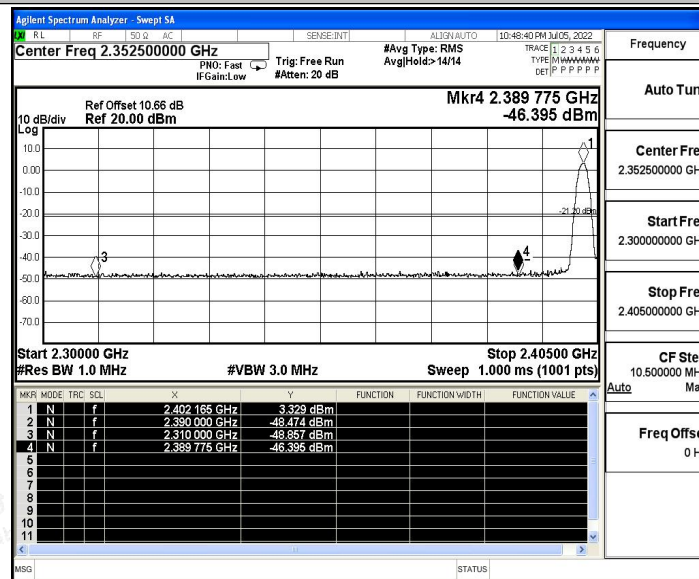


Test Graphs

DH5_Ant1_Low_2402_AV

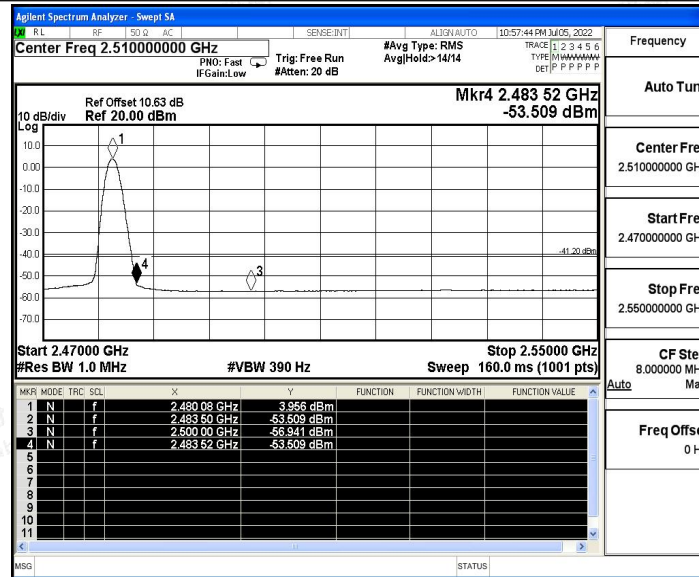


DH5_Ant1_Low_2402_Peak

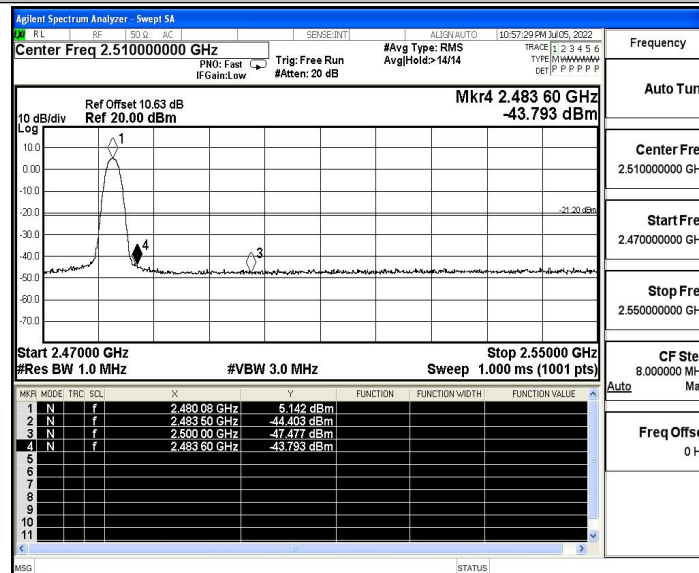


DH5_Ant1_High_2480_AV



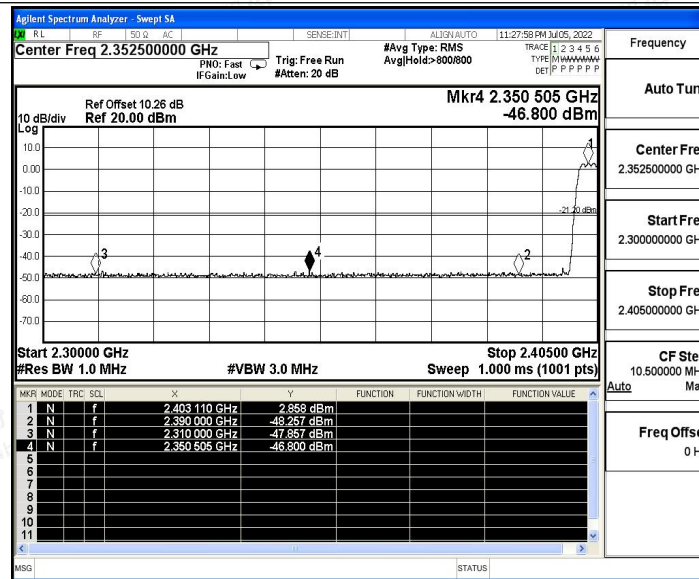


DH5_Ant1_High_2480_Peak

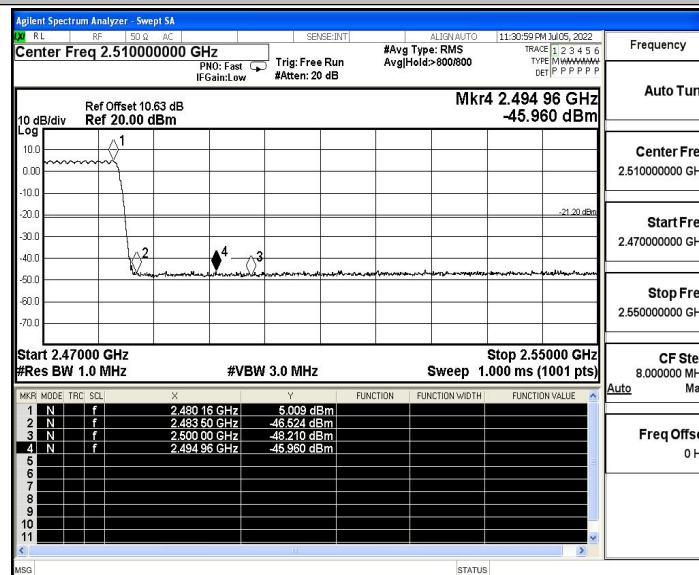


DH5_Ant1_Low_Hop_2402_Peak



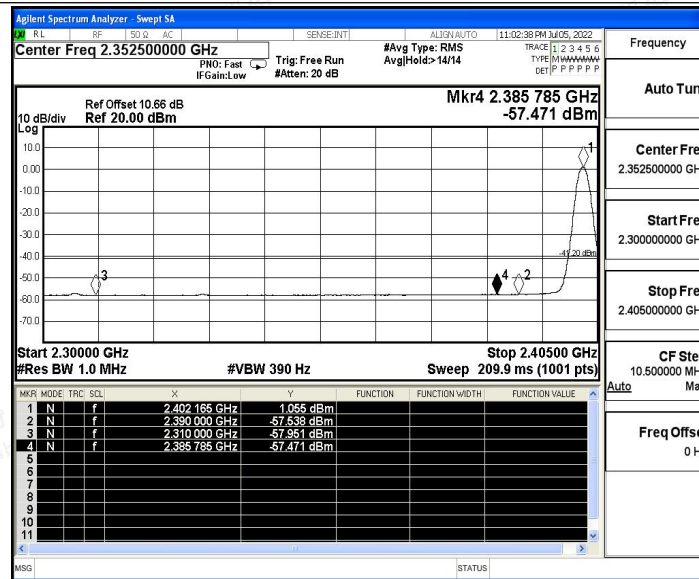


DH5_Ant1_High_Hop_2480_Peak

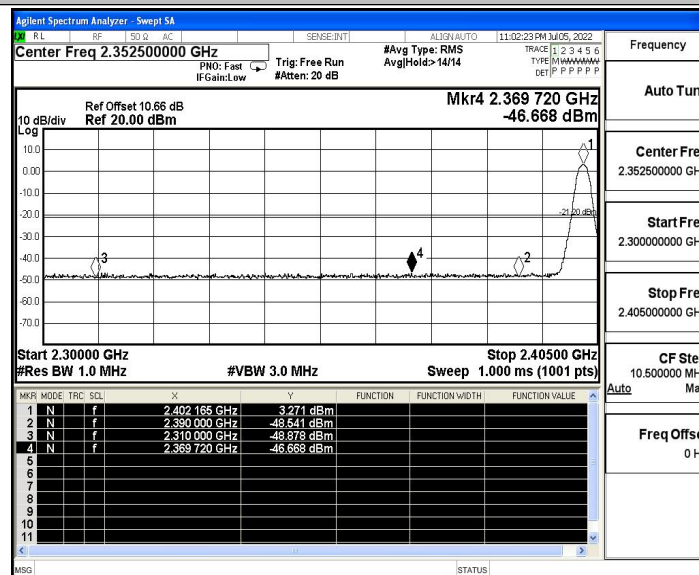


2DH5_Ant1_Low_2402_AV





2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV



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