



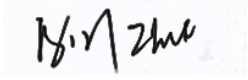
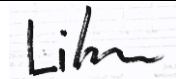
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: 10.1 Inch Portable DVD Player

Test Model: HJ10PRB01

Environmental Conditions

Temperature:	23.4° C
Relative Humidity:	51.3%
ATM Pressure:	100.0 kPa
Test Engineer:	
Supervised by:	



A.1 20dB Emission Bandwidth

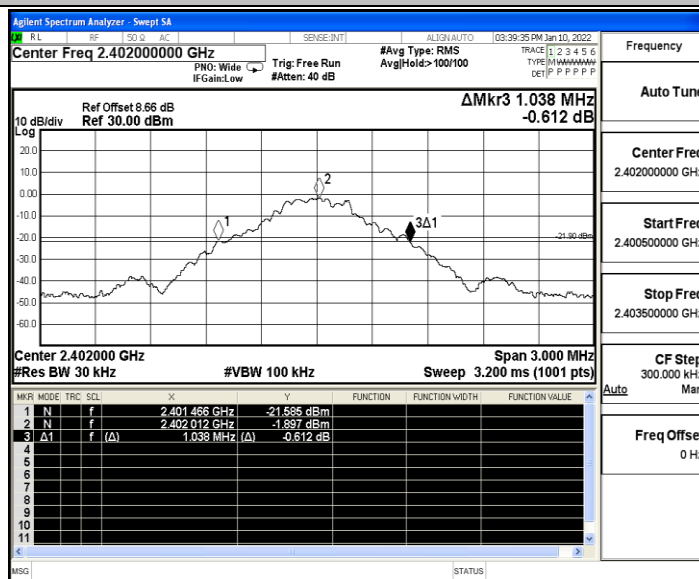
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.038	2401.466	2402.504	---	PASS
		2441	1.044	2440.460	2441.504	---	PASS
		2480	1.041	2479.460	2480.501	---	PASS
2DH5	Ant1	2402	1.293	2401.361	2402.654	---	PASS
		2441	1.323	2440.334	2441.657	---	PASS
		2480	1.311	2479.340	2480.651	---	PASS
3DH5	Ant1	2402	1.296	2401.349	2402.645	---	PASS
		2441	1.311	2440.343	2441.654	---	PASS
		2480	1.302	2479.346	2480.648	---	PASS

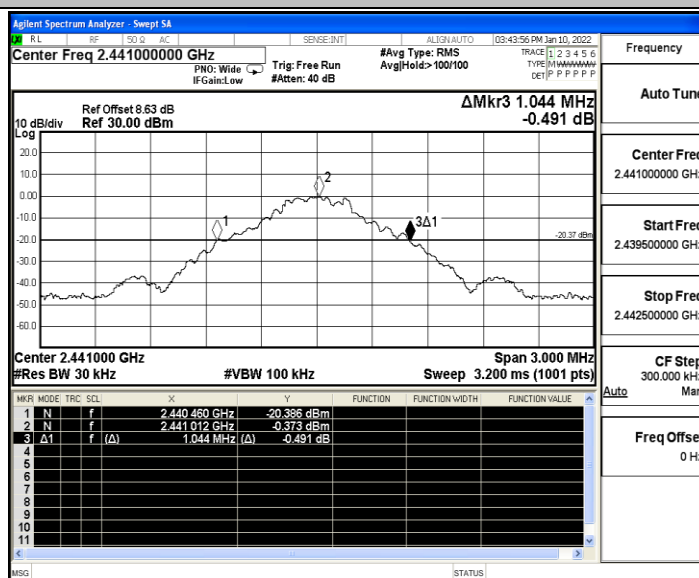


Test Graphs

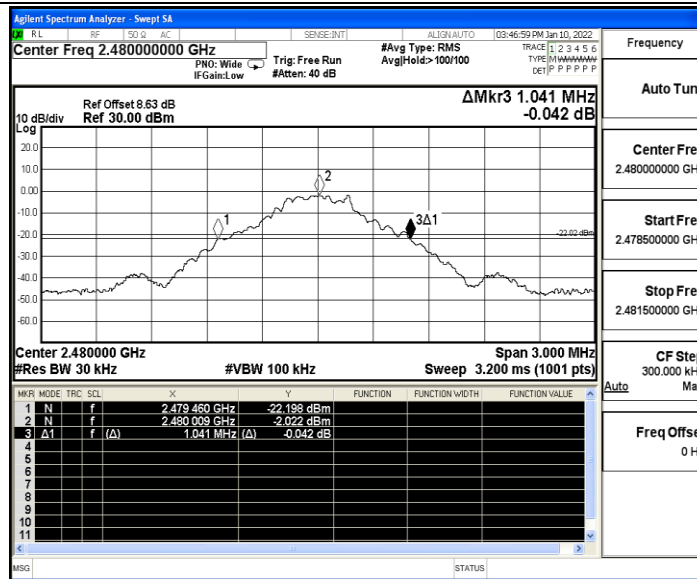
DH5_Ant1_2402



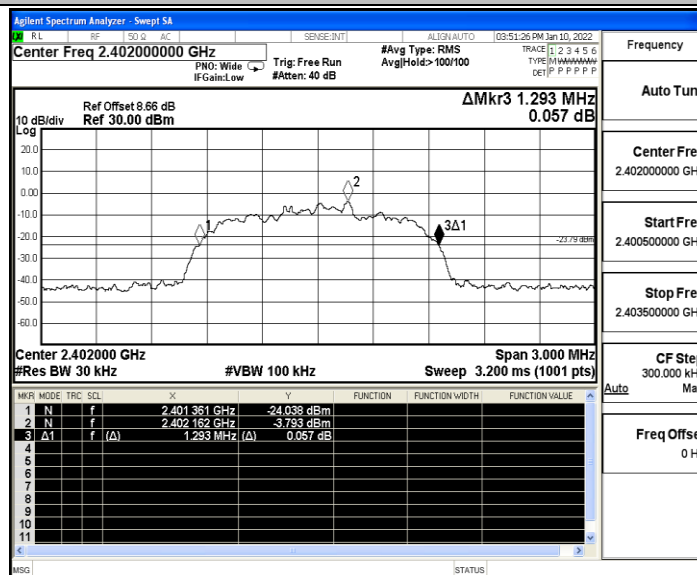
DH5_Ant1_2441



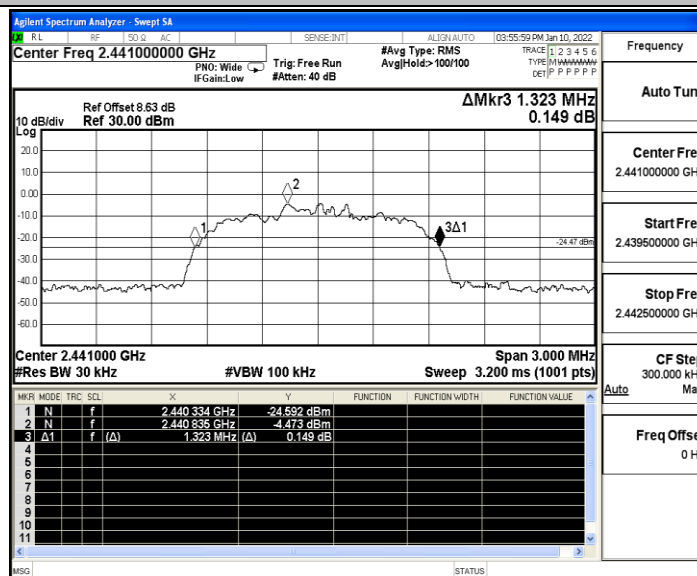
DH5_Ant1_2480



2DH5_Ant1_2402

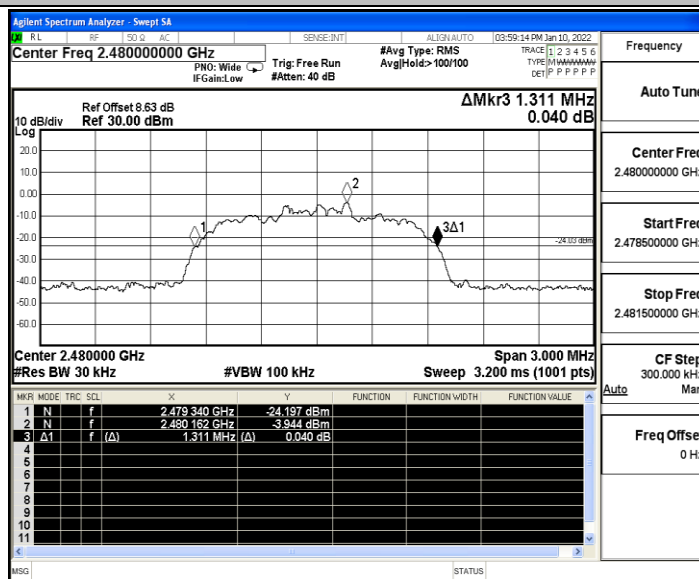


2DH5_Ant1_2441

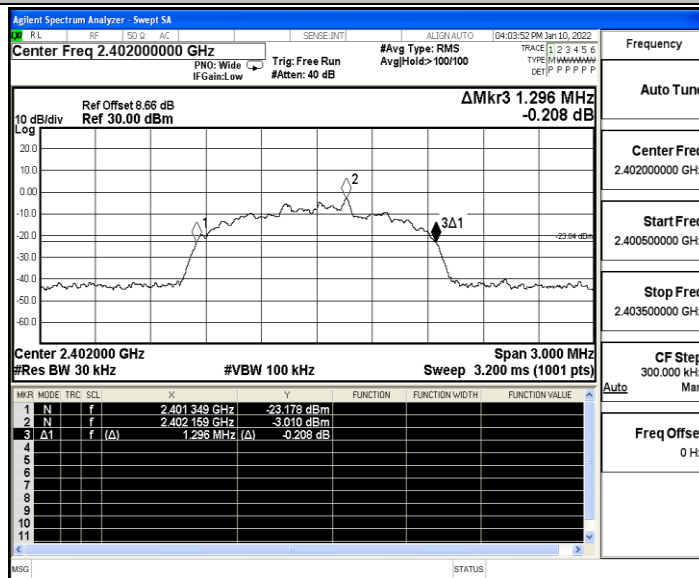




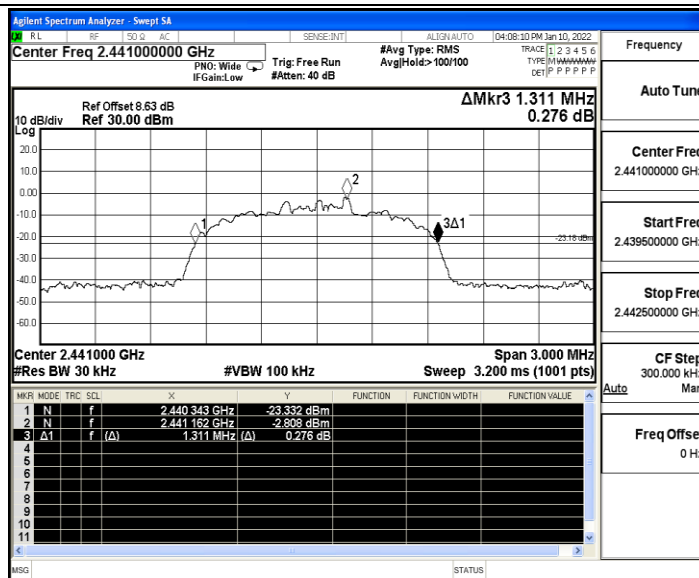
2DH5_Ant1_2480



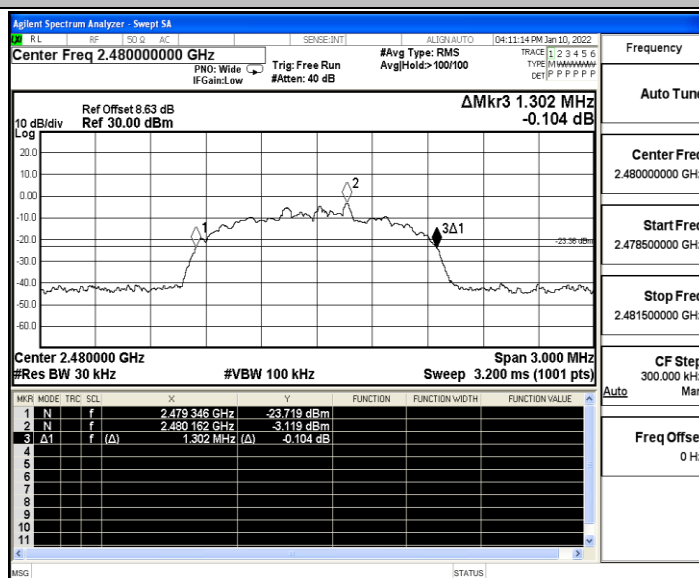
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



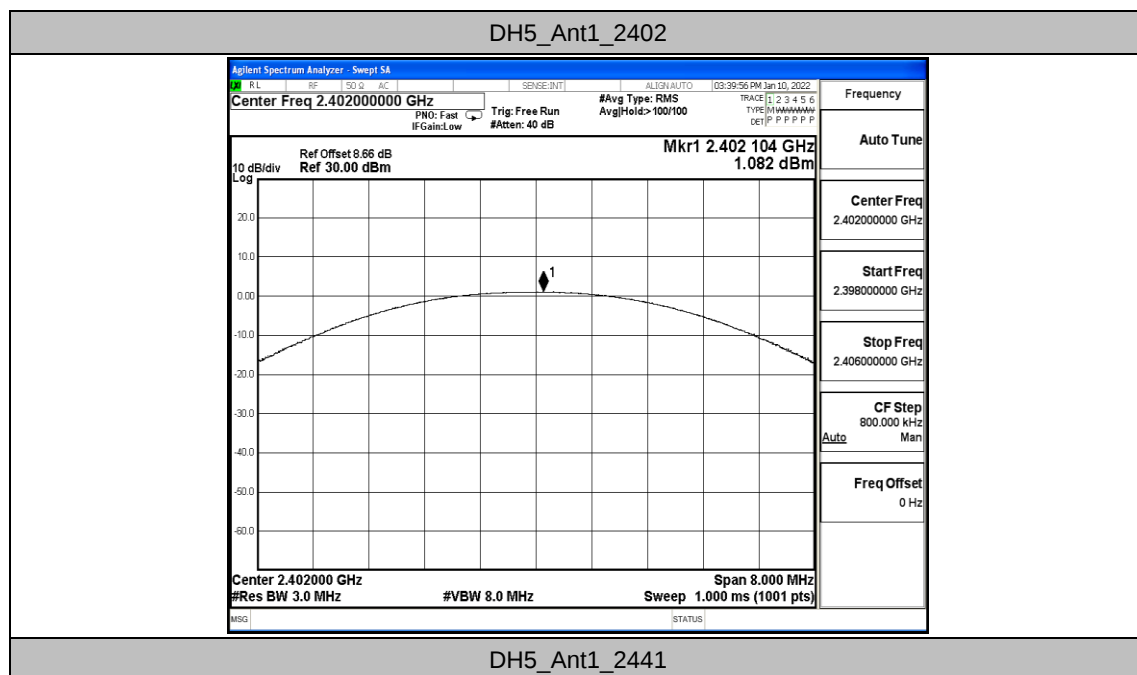


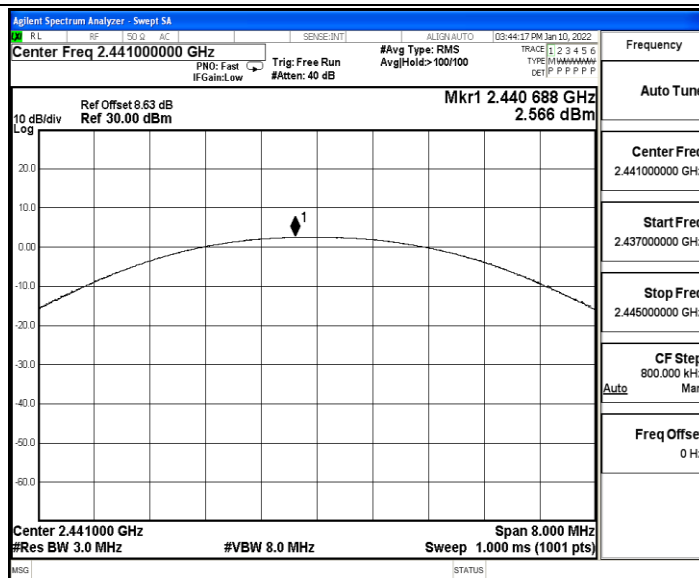
A.2 Maximum conducted output power

Test Result

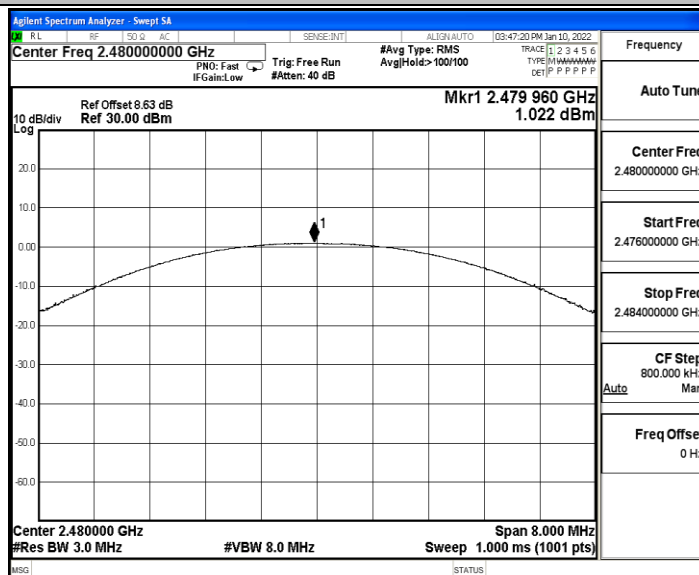
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.08	≤20.97	PASS
		2441	2.57	≤20.97	PASS
		2480	1.02	≤20.97	PASS
2DH5	Ant1	2402	0.15	≤20.97	PASS
		2441	0.71	≤20.97	PASS
		2480	0.14	≤20.97	PASS
3DH5	Ant1	2402	0.34	≤20.97	PASS
		2441	1.83	≤20.97	PASS
		2480	0.32	≤20.97	PASS

Test Graphs

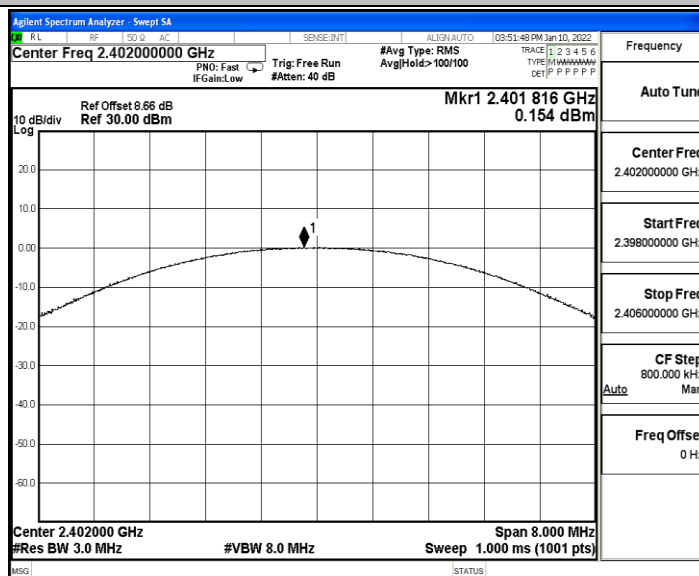




DH5_Ant1_2480

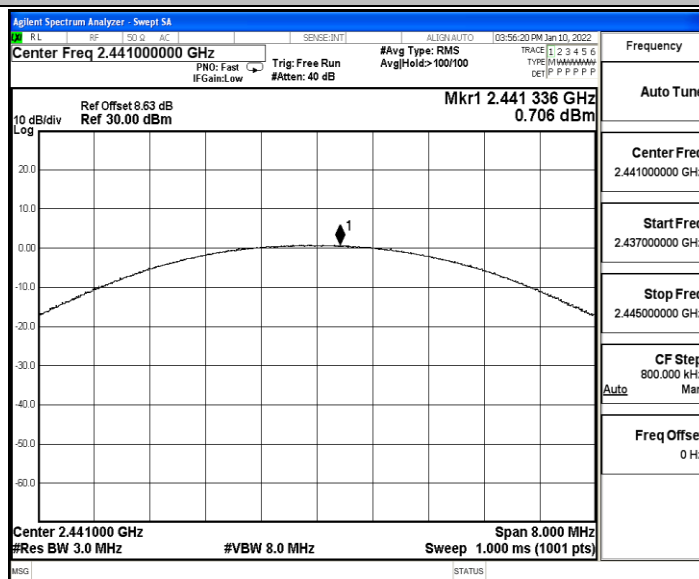


2DH5_Ant1_2402

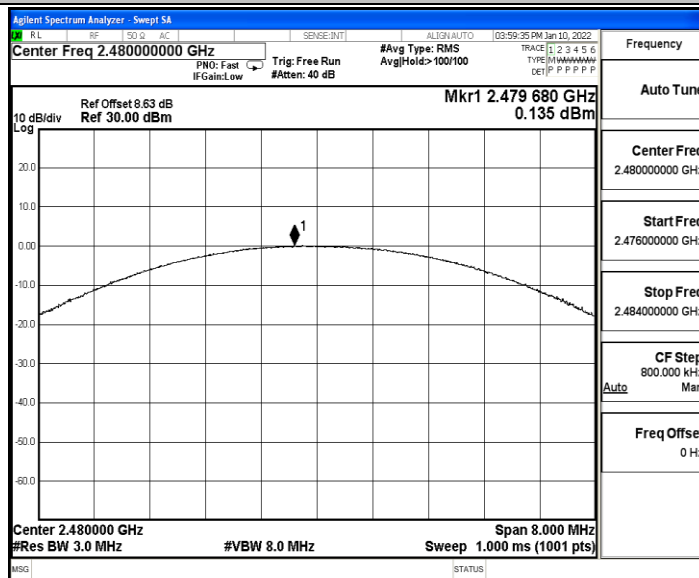




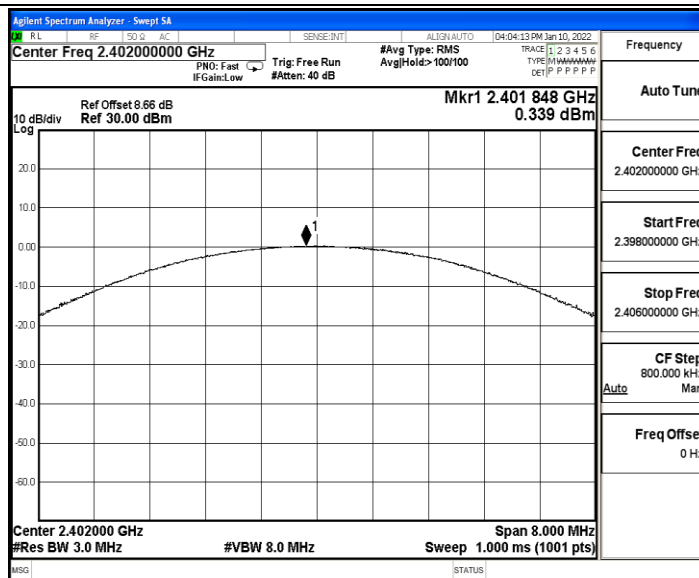
2DH5_Ant1_2441



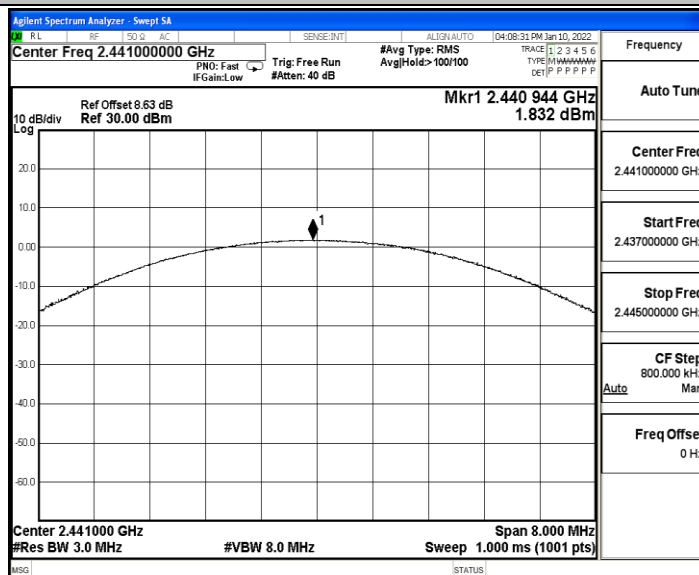
2DH5_Ant1_2480



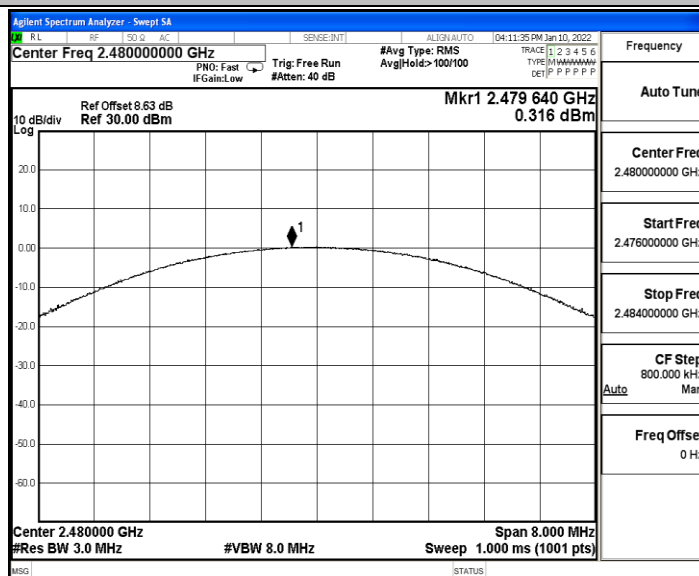
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



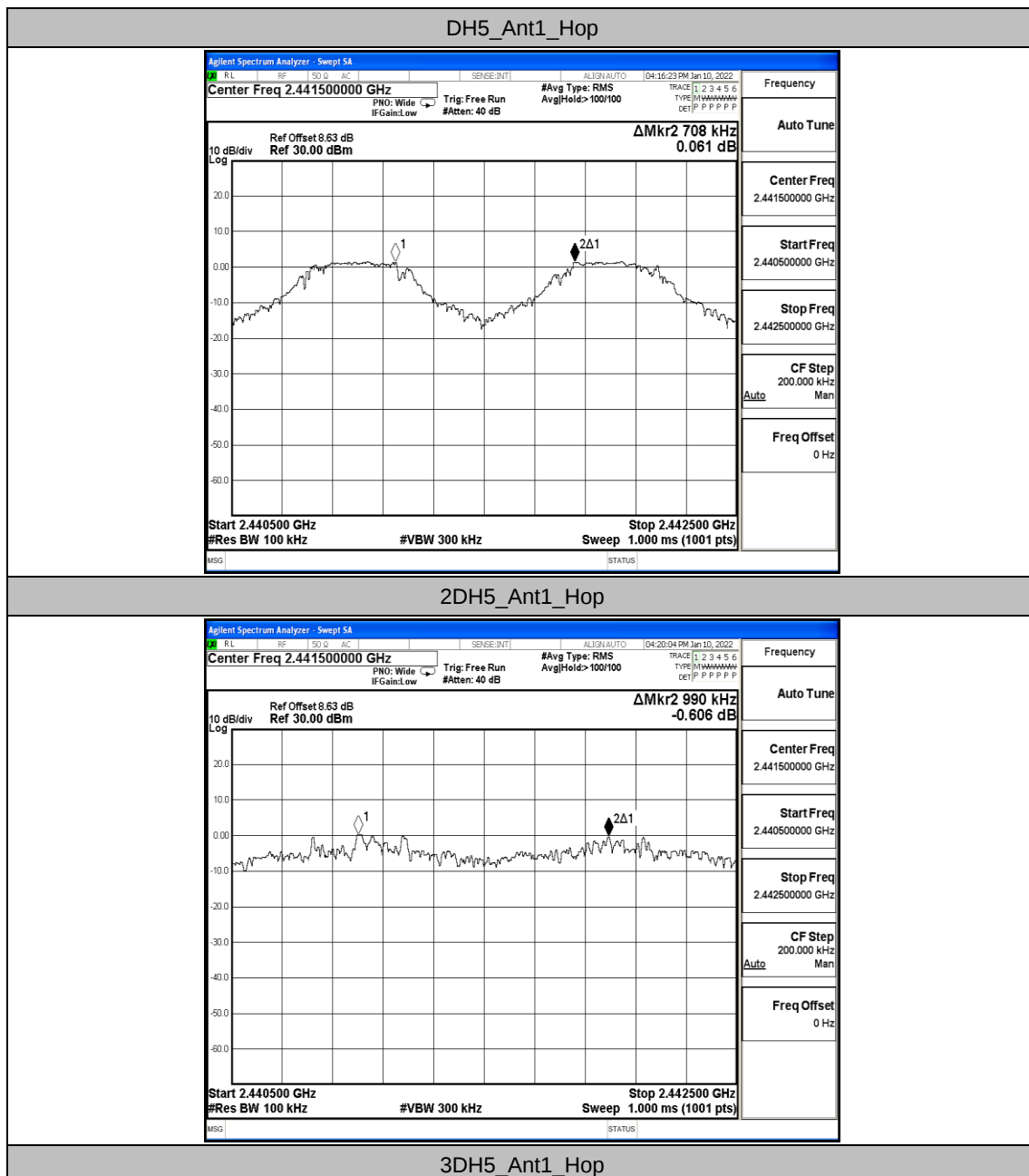


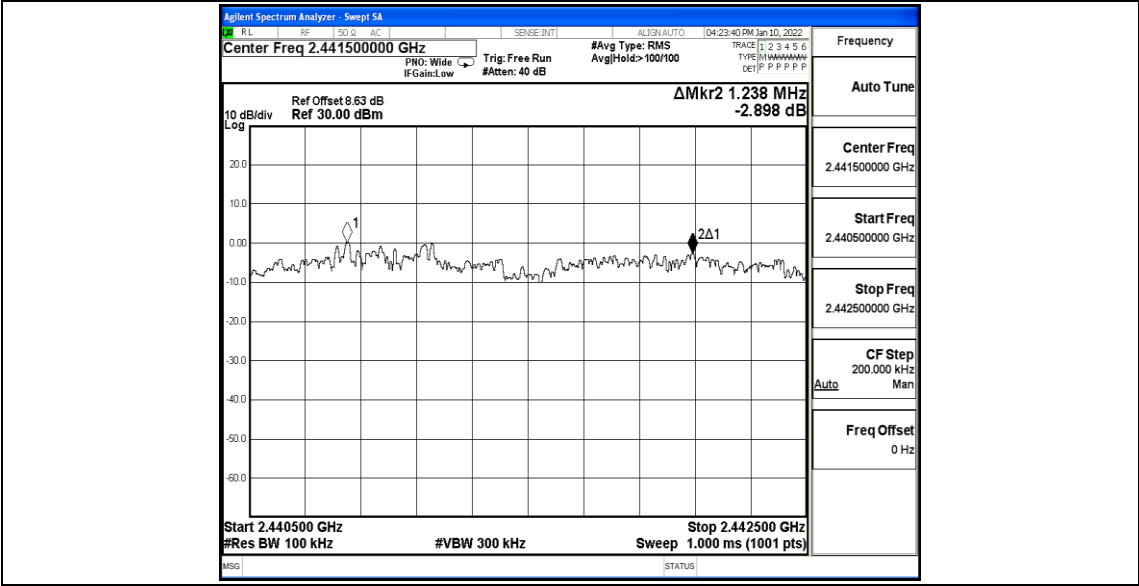
A.3 Carrier frequency separation

Test Result

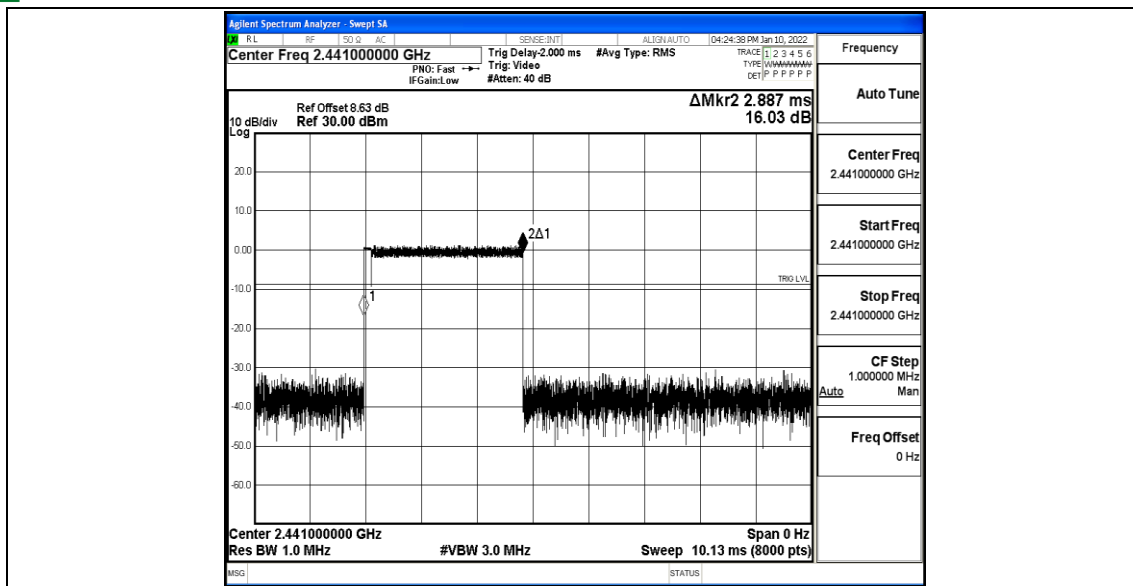
TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.708	≥ 0.696	PASS
2DH5	Ant1	Hop	0.99	≥ 0.882	PASS
3DH5	Ant1	Hop	1.238	≥ 0.874	PASS

Test Graphs









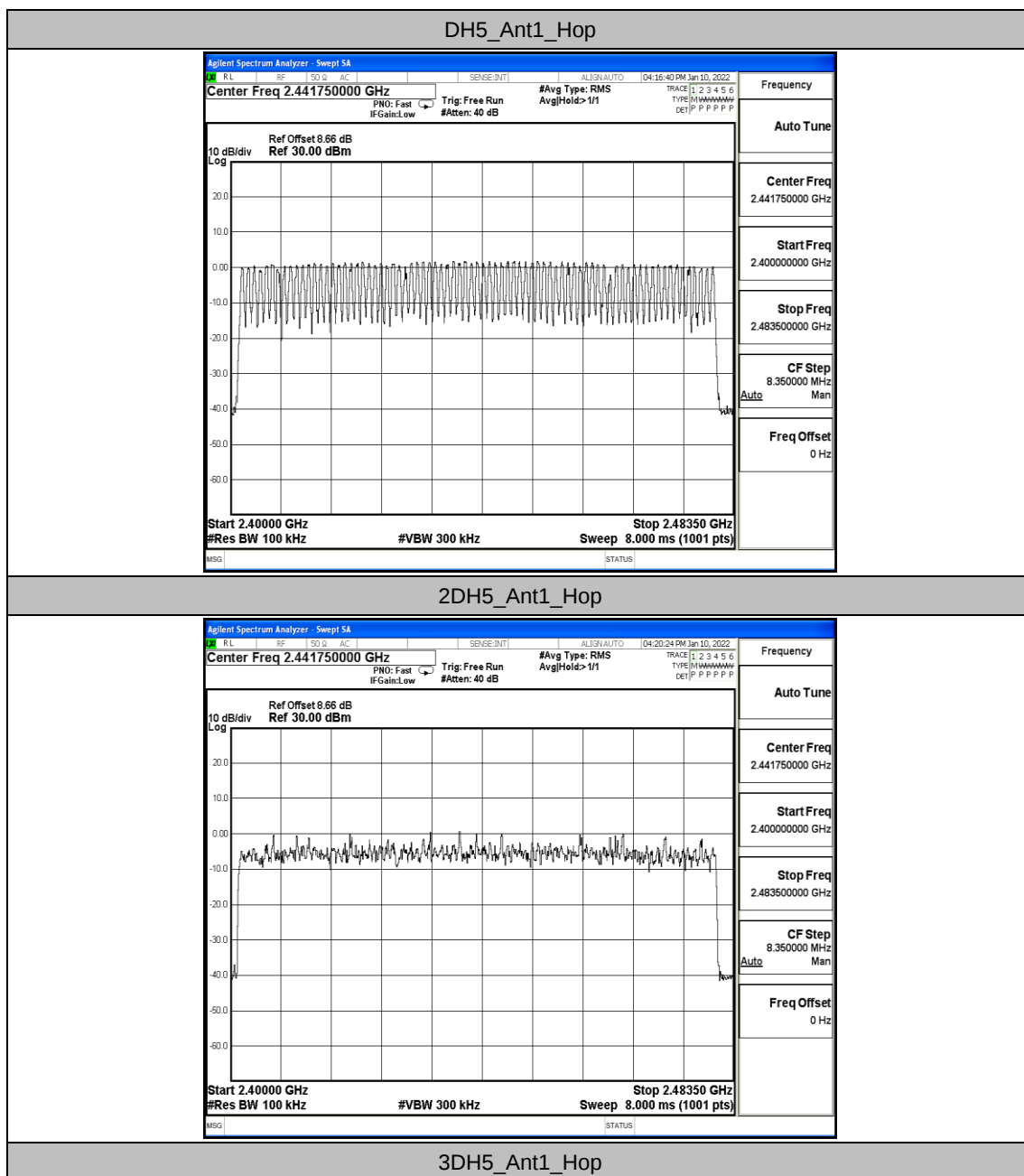


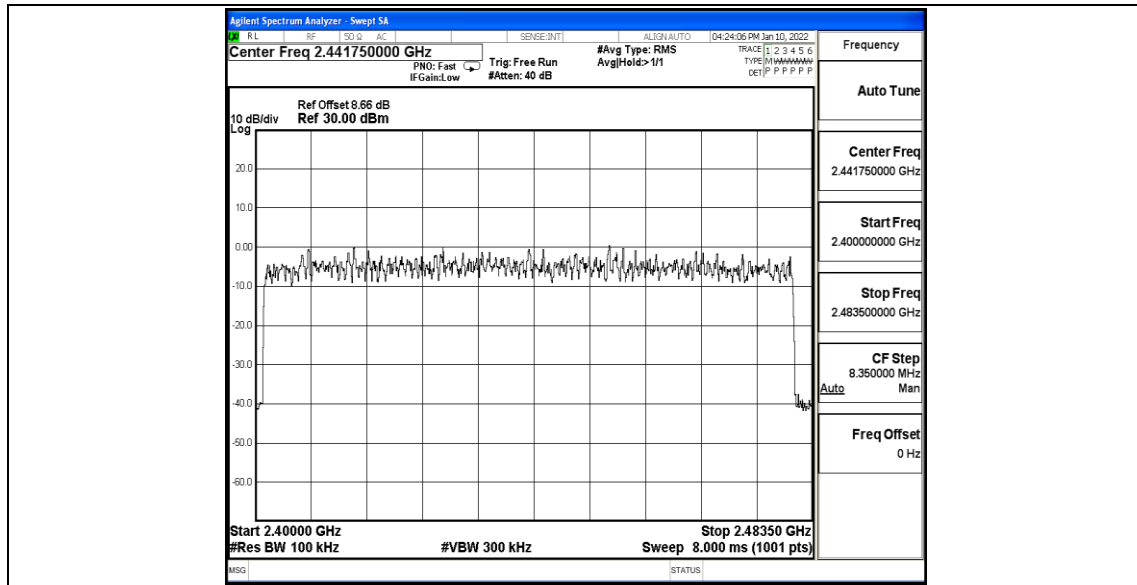
A.5 Number of hopping channels

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

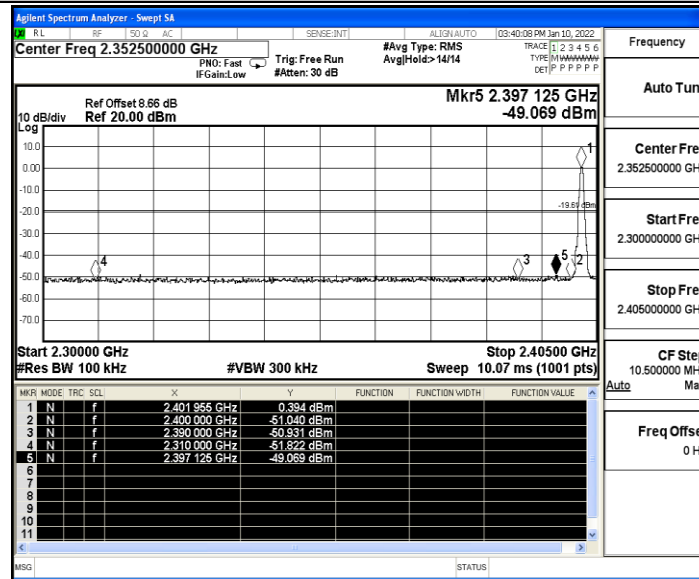
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.39	-49.07	≤ -19.61	PASS
		High	2480	0.59	-48.13	≤ -19.41	PASS
		Low	Hop_2402	0.46	-49.51	≤ -19.54	PASS
		High	Hop_2480	0.60	-47.83	≤ -19.4	PASS
2DH5	Ant1	Low	2402	-1.25	-49.13	≤ -21.25	PASS
		High	2480	-1.06	-47.37	≤ -21.06	PASS
		Low	Hop_2402	-3.97	-49.01	≤ -23.97	PASS
		High	Hop_2480	-1.33	-47.63	≤ -21.33	PASS
3DH5	Ant1	Low	2402	-1.98	-48.44	≤ -21.98	PASS
		High	2480	-0.96	-47.58	≤ -20.96	PASS
		Low	Hop_2402	-2.25	-49.08	≤ -22.25	PASS
		High	Hop_2480	-2.68	-48	≤ -22.68	PASS

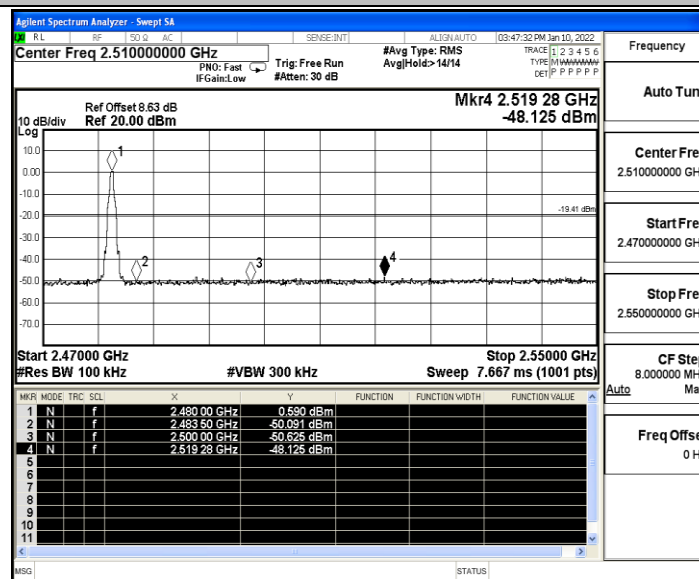


Test Graphs

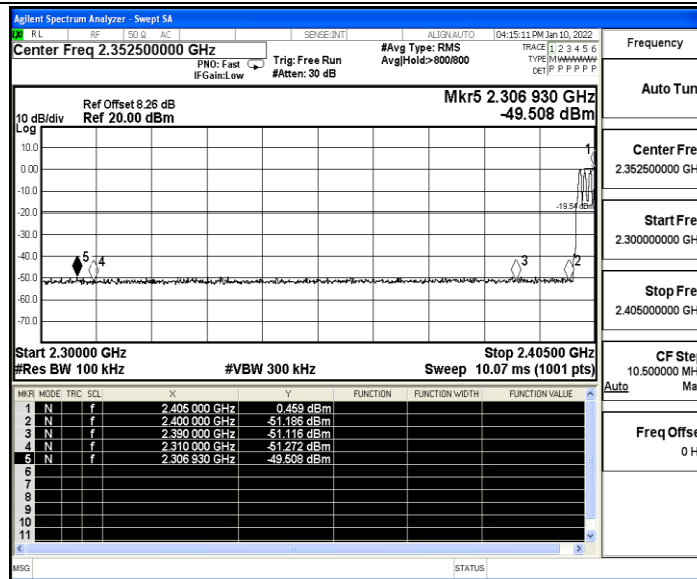
DH5_Ant1_Low_2402



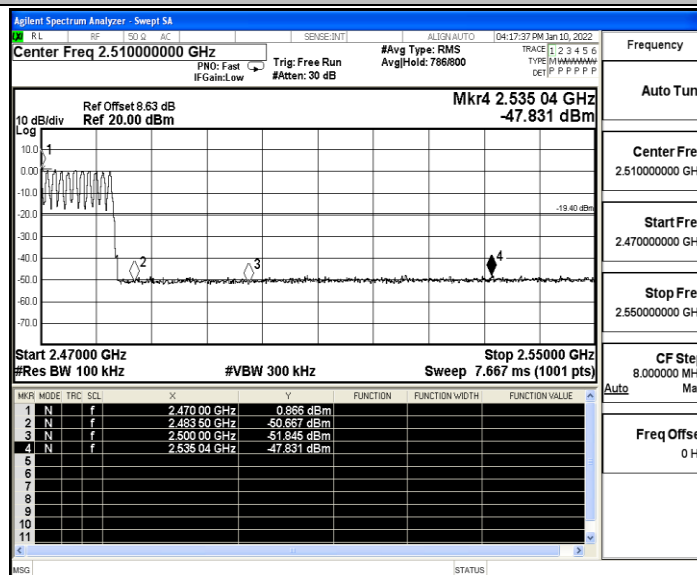
DH5_Ant1_High_2480



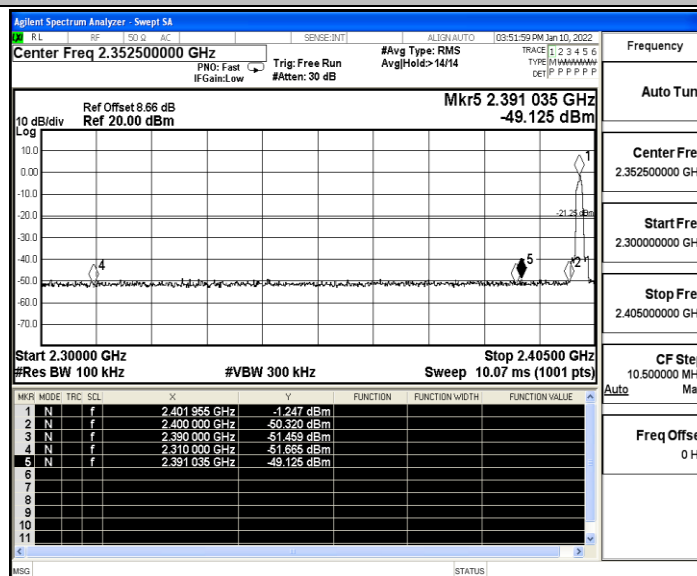
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

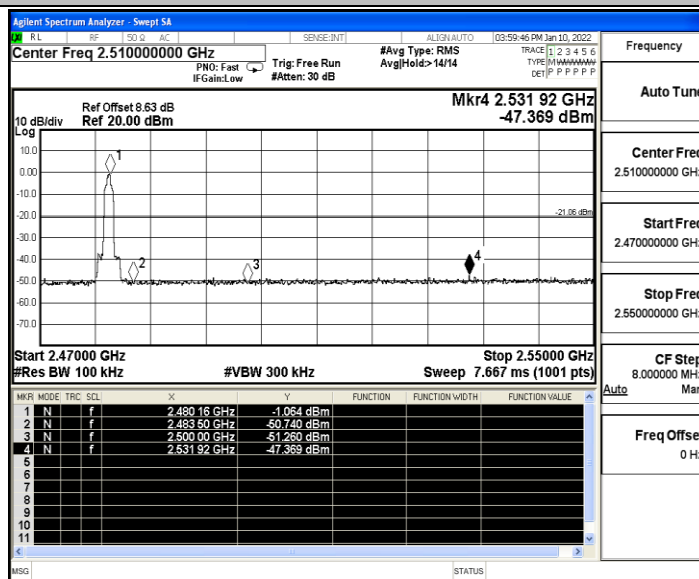


2DH5_Ant1_Low_2402

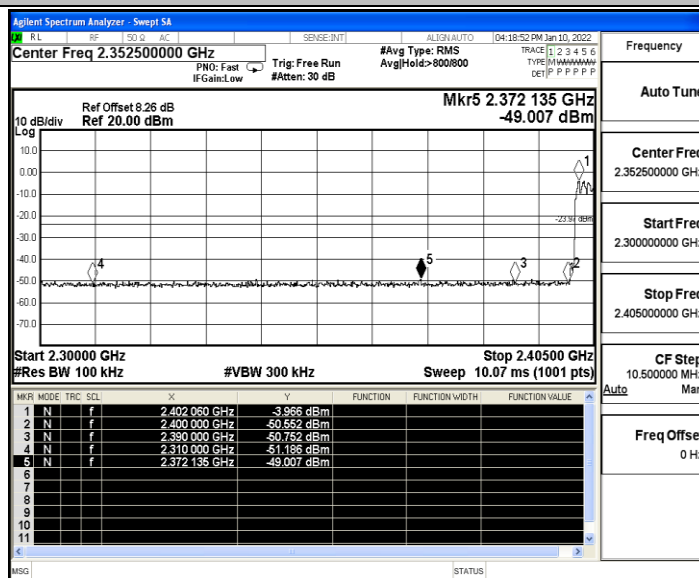




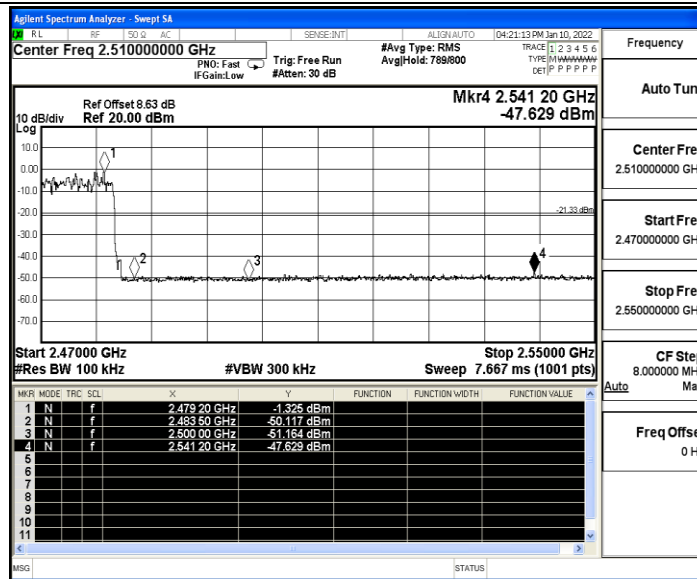
2DH5_Ant1_High_2480



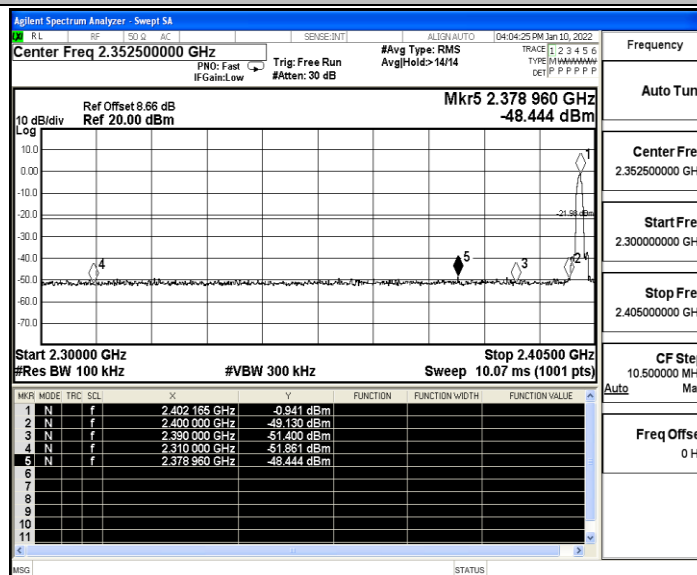
2DH5_Ant1_Low_Hop_2402



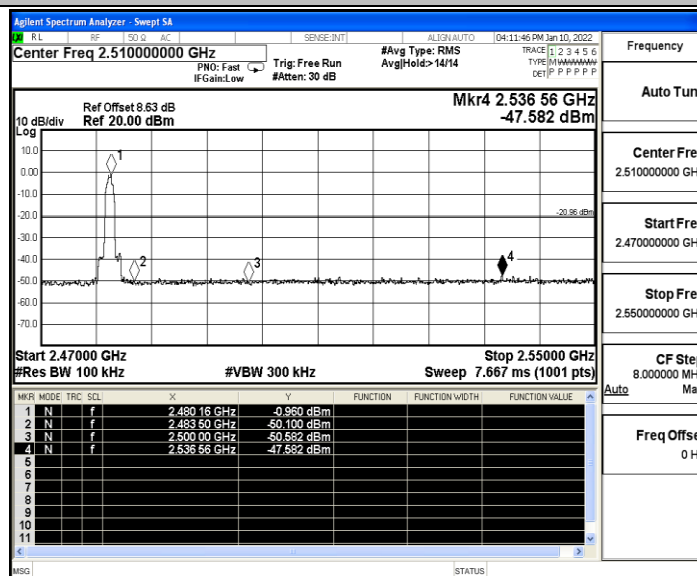
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

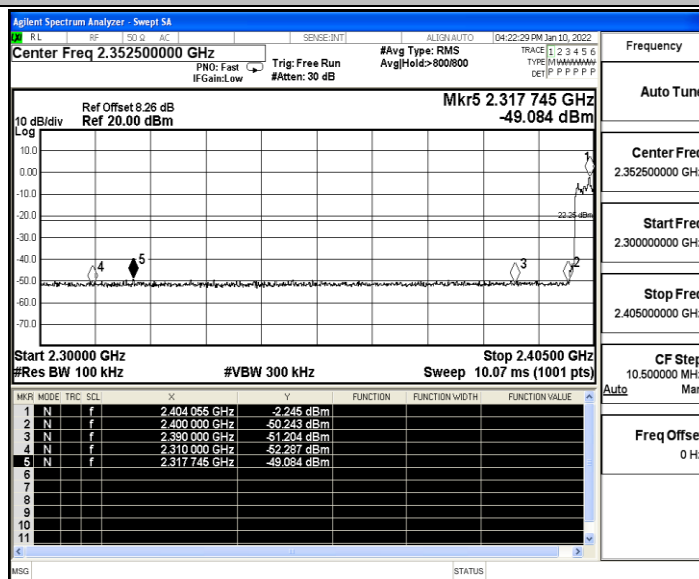


3DH5_Ant1_High_2480

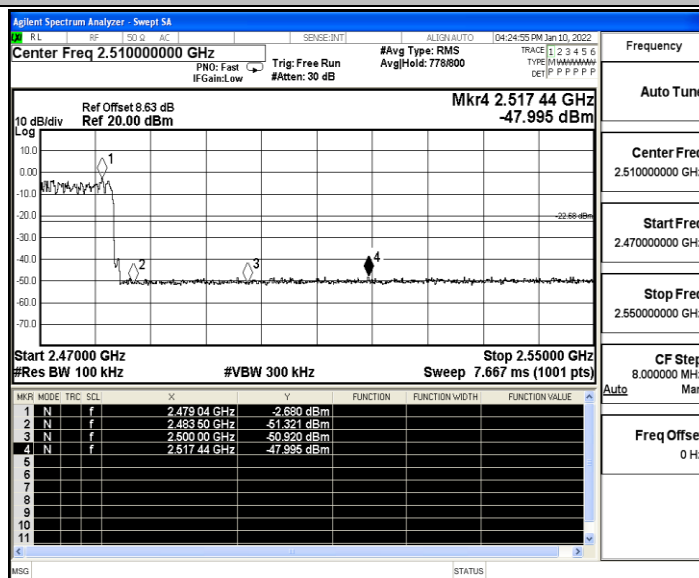




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

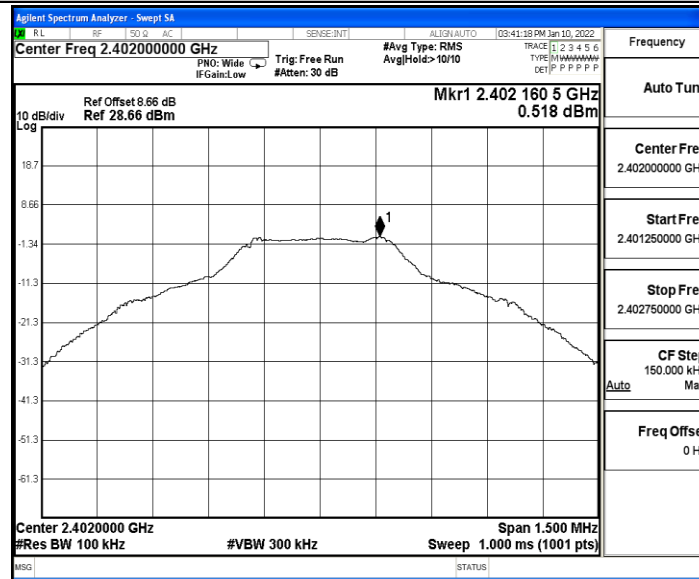
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.52	0.52	---	PASS
			30~1000	0.52	-60.19	≤-19.48	PASS
			1000~26500	0.52	-45.72	≤-19.48	PASS
		2441	Reference	1.94	1.94	---	PASS
			30~1000	1.94	-60.49	≤-18.06	PASS
			1000~26500	1.94	-45.86	≤-18.06	PASS
		2480	Reference	0.42	0.42	---	PASS
			30~1000	0.42	-60.66	≤-19.58	PASS
			1000~26500	0.42	-45.37	≤-19.58	PASS
2DH5	Ant1	2402	Reference	-1.08	-1.08	---	PASS
			30~1000	-1.08	-60.22	≤-21.08	PASS
			1000~26500	-1.08	-46.41	≤-21.08	PASS
		2441	Reference	-0.33	-0.33	---	PASS
			30~1000	-0.33	-60.64	≤-20.33	PASS
			1000~26500	-0.33	-45.63	≤-20.33	PASS
		2480	Reference	-1.20	-1.20	---	PASS
			30~1000	-1.20	-60.53	≤-21.2	PASS
			1000~26500	-1.20	-45.07	≤-21.2	PASS
3DH5	Ant1	2402	Reference	-0.94	-0.94	---	PASS
			30~1000	-0.94	-47.96	≤-20.94	PASS
			1000~26500	-0.94	-46.03	≤-20.94	PASS
		2441	Reference	0.48	0.48	---	PASS
			30~1000	0.48	-56.59	≤-19.52	PASS
			1000~26500	0.48	-45.84	≤-19.52	PASS
		2480	Reference	-1.07	-1.07	---	PASS
			30~1000	-1.07	-60.99	≤-21.07	PASS
			1000~26500	-1.07	-46.13	≤-21.07	PASS

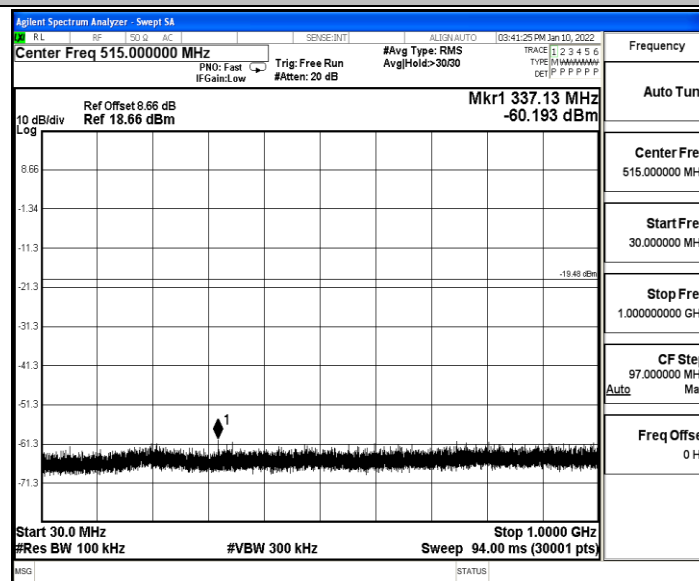


Test Graphs

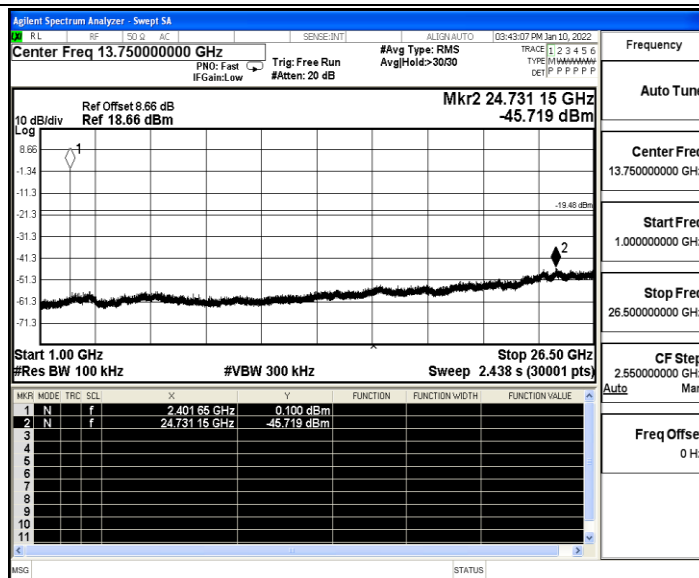
DH5_Ant1_2402_0~Reference



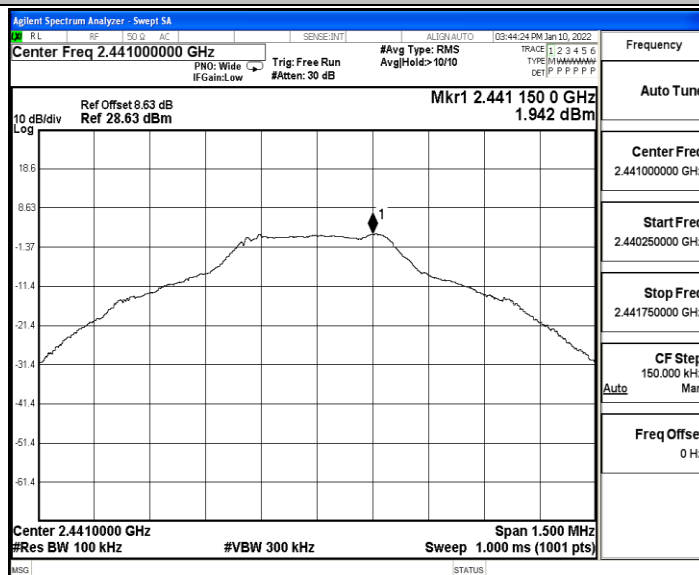
DH5_Ant1_2402_30~1000



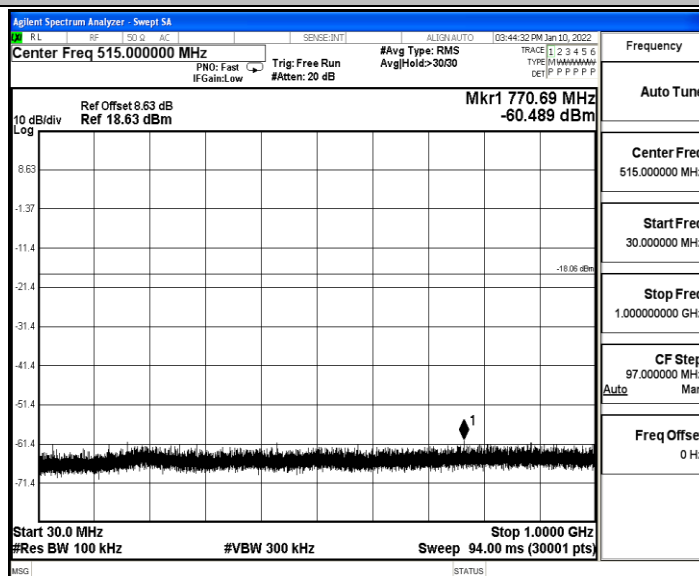
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

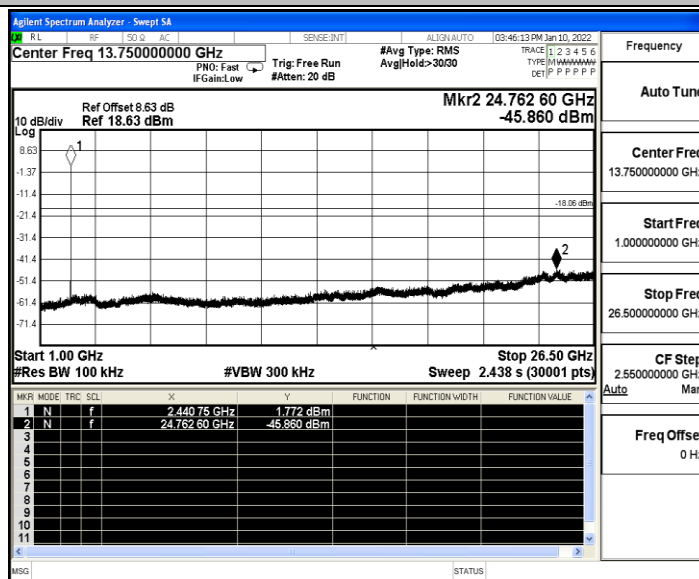


DH5_Ant1_2441_30~1000

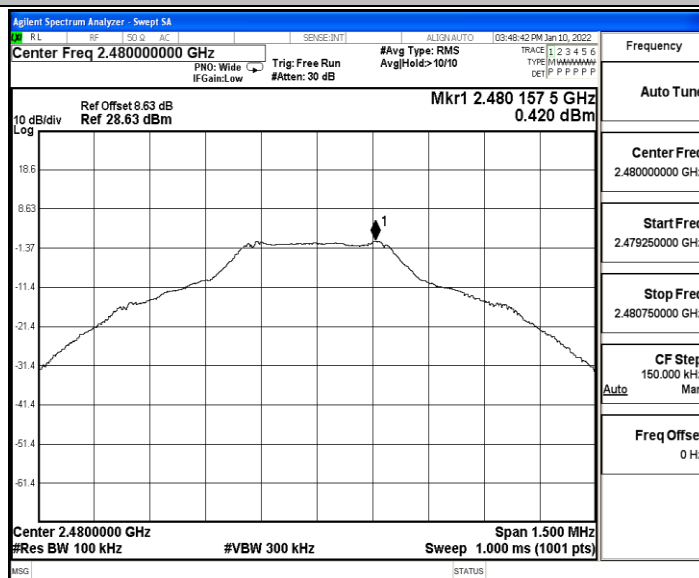




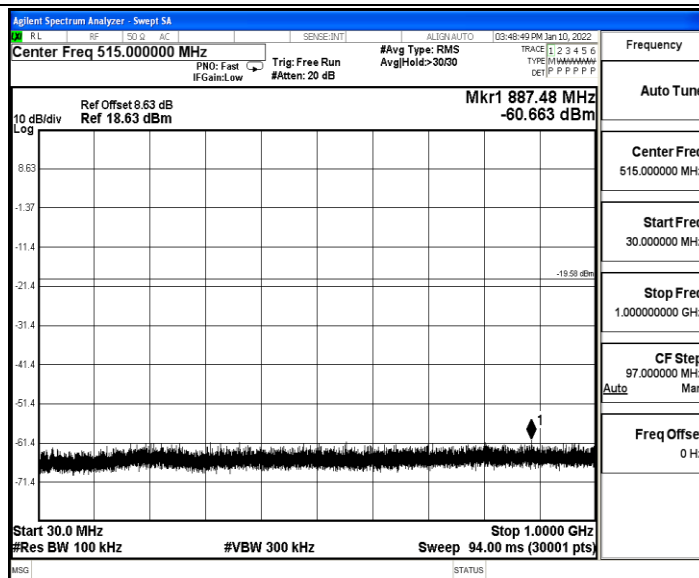
DH5_Ant1_2441_1000~26500



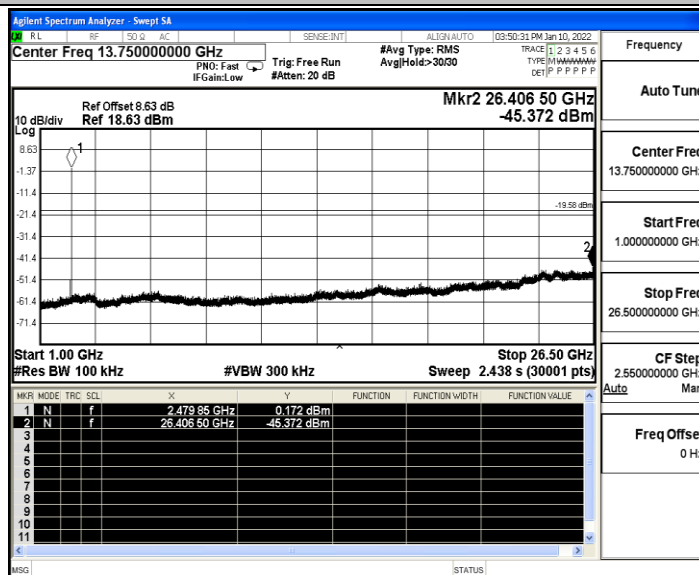
DH5_Ant1_2480_0~Reference



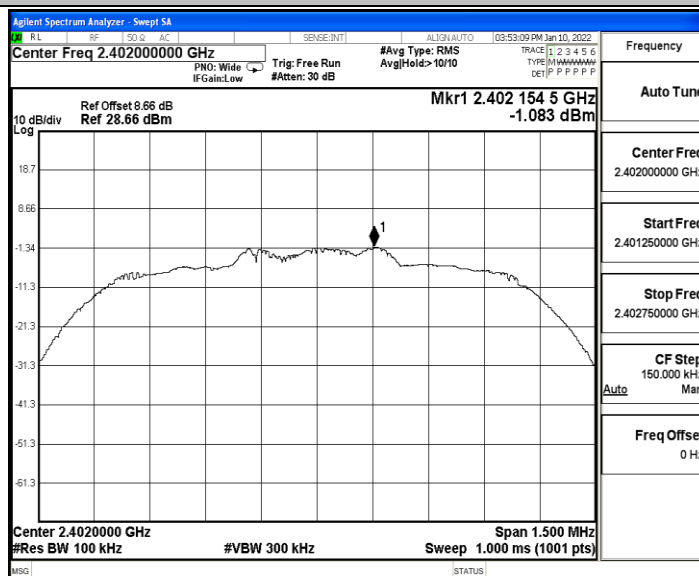
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

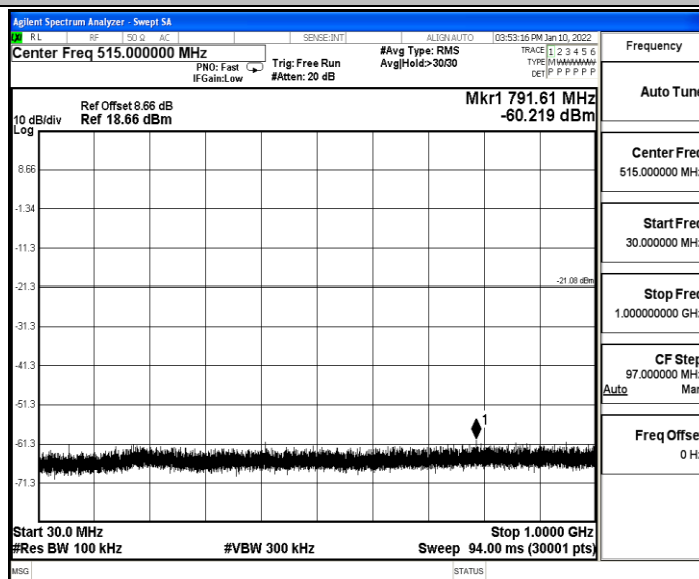


2DH5_Ant1_2402_0~Reference

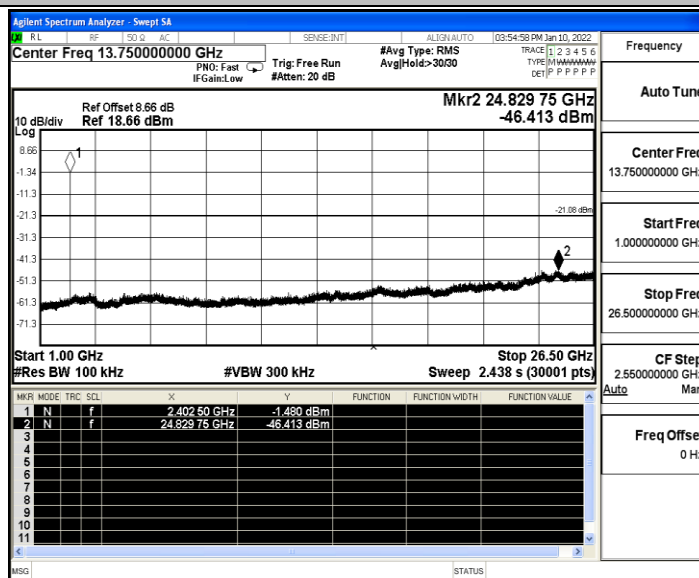




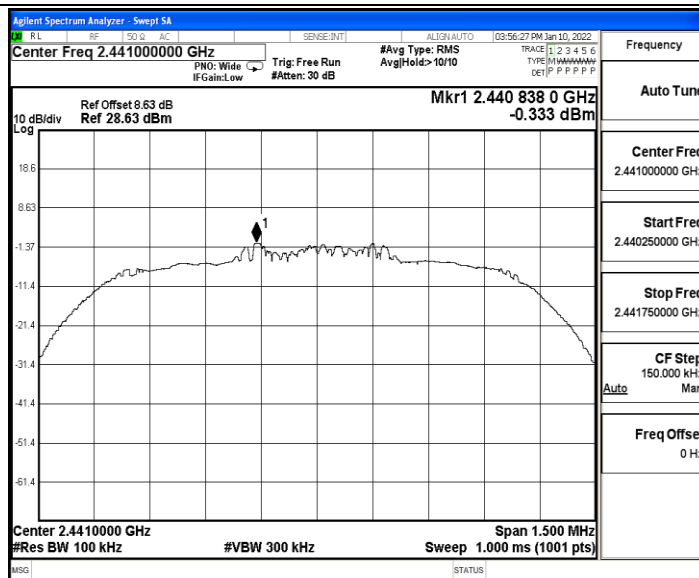
2DH5_Ant1_2402_30~1000



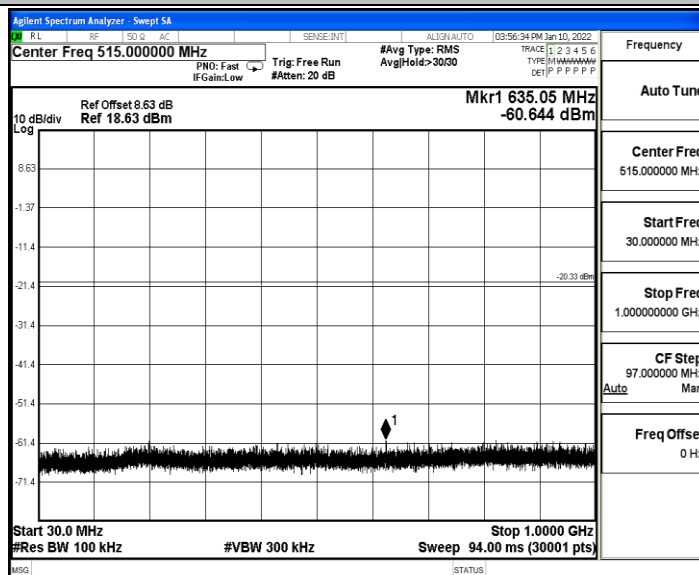
2DH5_Ant1_2402_1000~26500



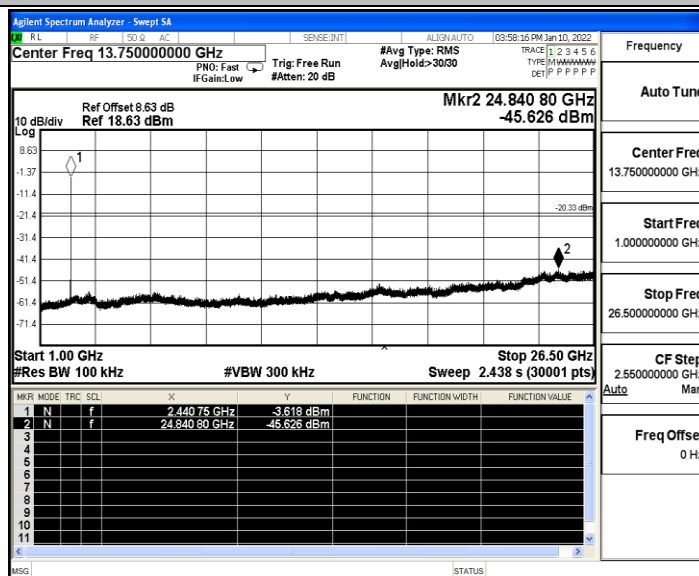
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

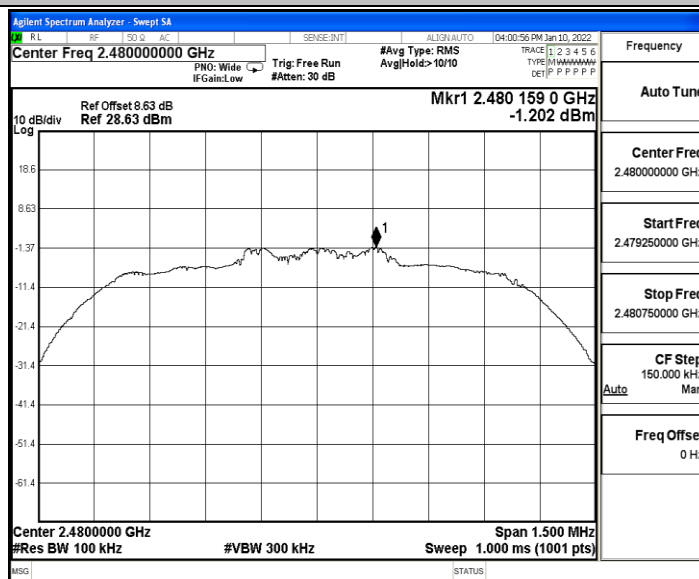


2DH5_Ant1_2441_1000~26500

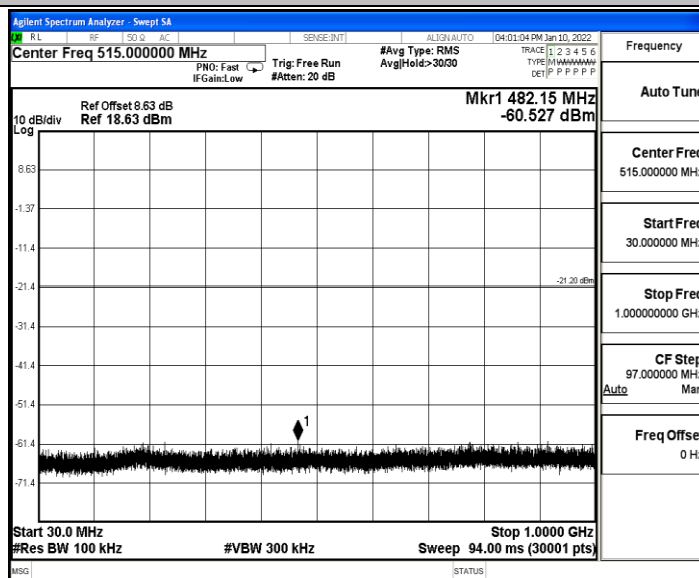




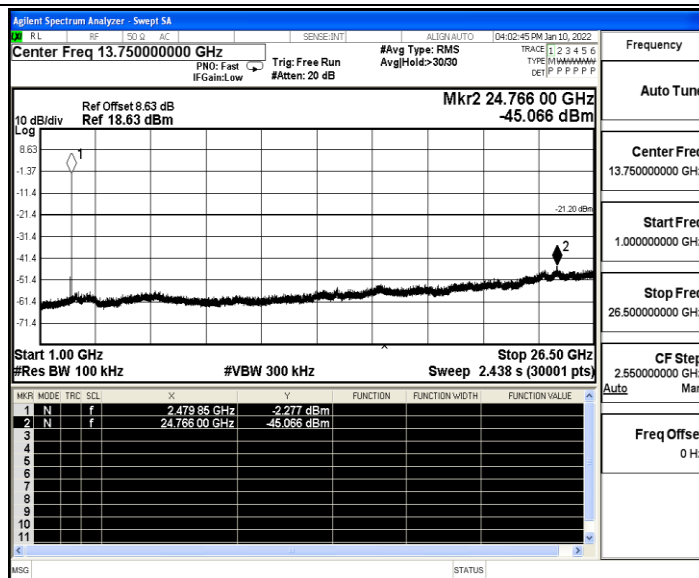
2DH5_Ant1_2480_0~Reference



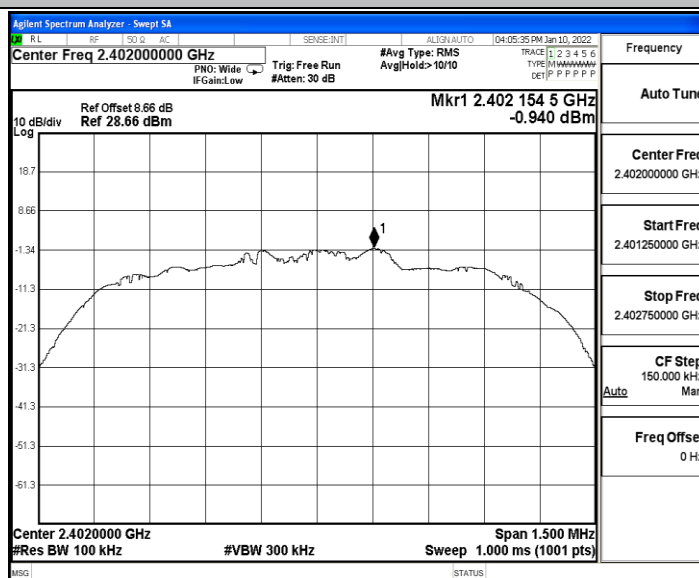
2DH5_Ant1_2480_30~1000



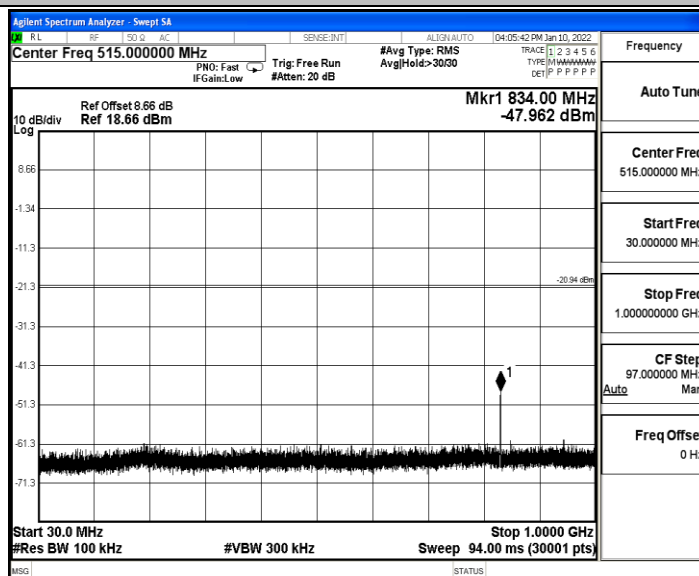
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

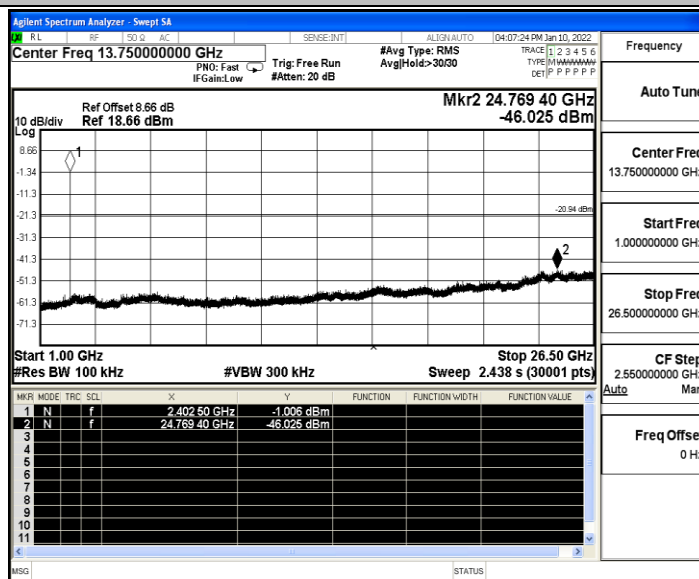


3DH5_Ant1_2402_30~1000

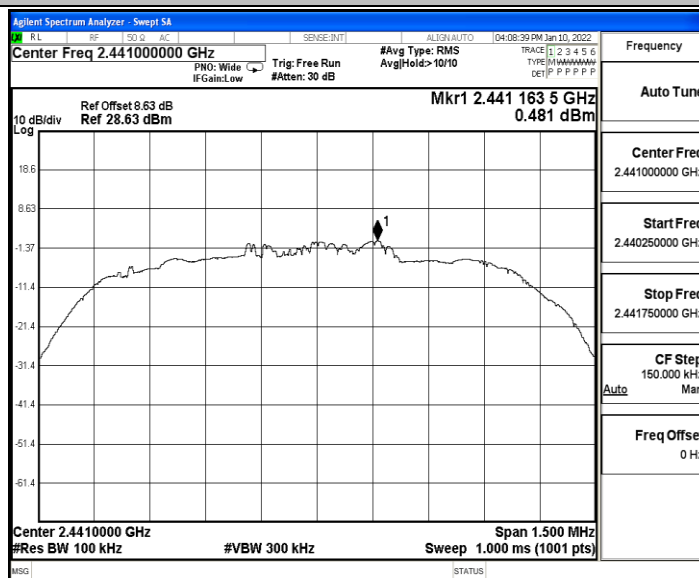




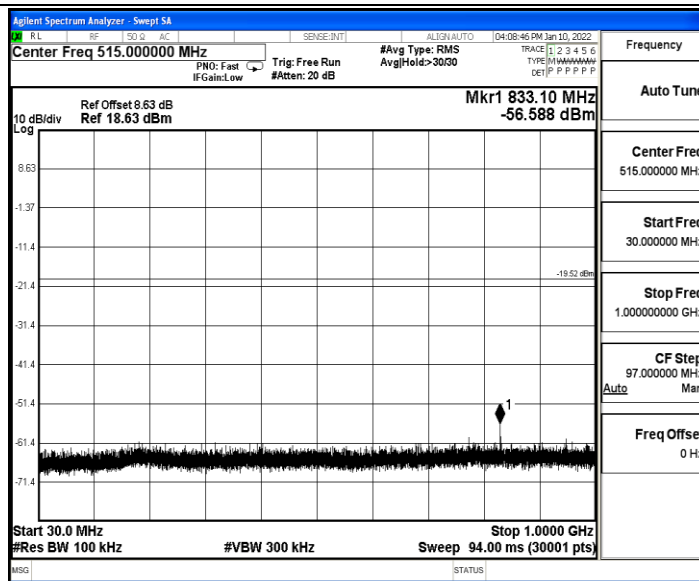
3DH5_Ant1_2402_1000~26500



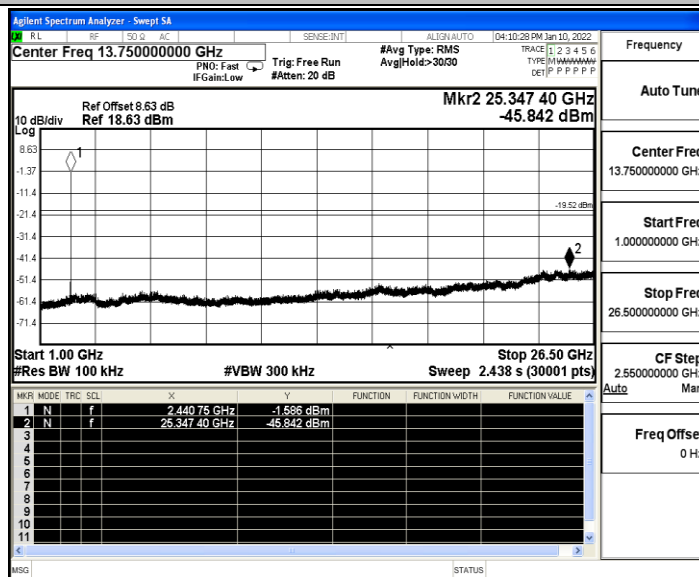
3DH5_Ant1_2441_0~Reference



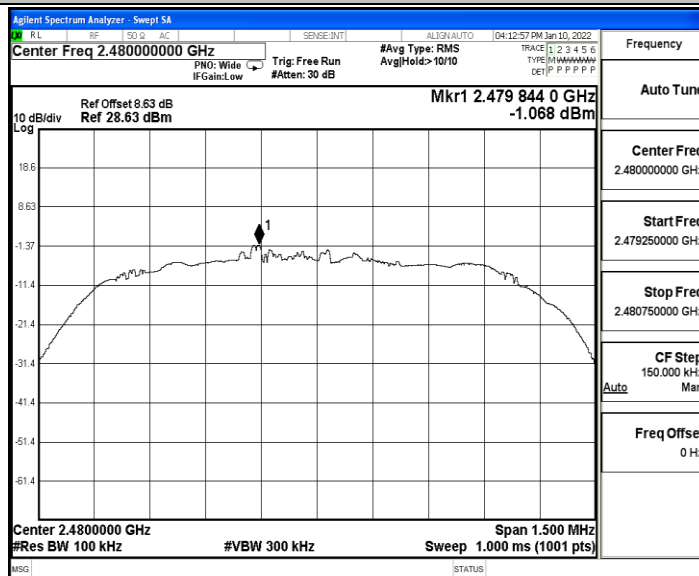
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

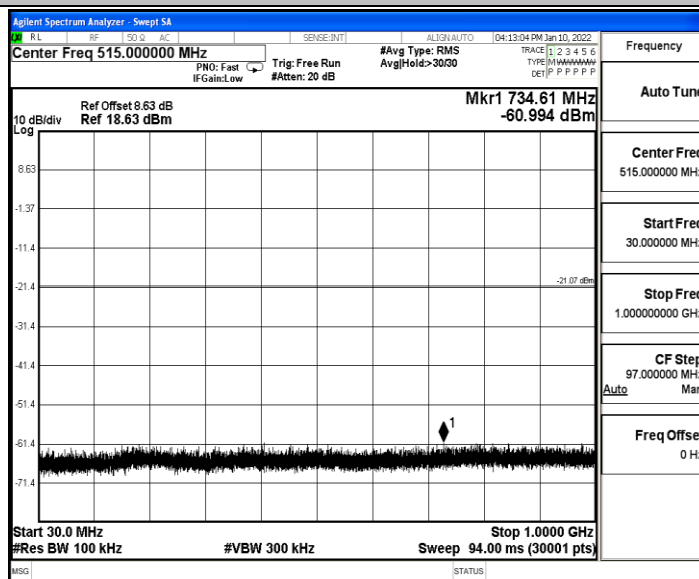


3DH5_Ant1_2480_0~Reference

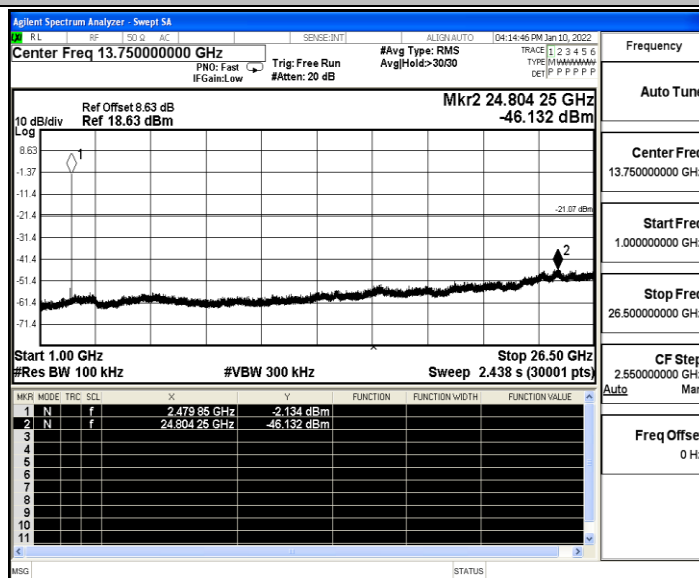




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.7 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	-48.32	≤-41.20	46.88	≤54	PASS
				AV	2388.200	-47.7	≤-41.20	47.50	≤54	PASS
				AV	2390.000	-47.88	≤-41.20	47.32	≤54	PASS
				Peak	2310.000	-38.51	≤-21.20	56.69	≤74	PASS
				Peak	2346.620	-36.66	≤-21.20	58.54	≤74	PASS
				Peak	2390.000	-38.88	≤-21.20	56.32	≤74	PASS
		High	2480	AV	2483.500	-47.28	≤-41.20	47.92	≤54	PASS
				AV	2498.640	-47.09	≤-41.20	48.11	≤54	PASS
				AV	2500.000	-47.18	≤-41.20	48.02	≤54	PASS
				Peak	2483.500	-37.57	≤-21.20	57.63	≤74	PASS
				Peak	2492.320	-35.3	≤-21.20	59.90	≤74	PASS
				Peak	2500.000	-38.06	≤-21.20	57.14	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-38.3	≤-21.20	56.90	≤74	PASS
				Peak	2361.110	-37.09	≤-21.20	58.11	≤74	PASS
				Peak	2390.000	-39.51	≤-21.20	55.69	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-38.31	≤-21.20	56.89	≤74	PASS
				Peak	2495.280	-36.33	≤-21.20	58.87	≤74	PASS
				Peak	2500.000	-38.45	≤-21.20	56.75	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.19	≤-41.20	47.01	≤54	PASS
				AV	2388.095	-47.8	≤-41.20	47.40	≤54	PASS
				AV	2390.000	-47.91	≤-41.20	47.29	≤54	PASS
				Peak	2310.000	-38.05	≤-21.20	57.15	≤74	PASS
				Peak	2372.135	-36	≤-21.20	59.20	≤74	PASS
				Peak	2390.000	-37.61	≤-21.20	57.59	≤74	PASS
		High	2480	AV	2483.500	-47.25	≤-41.20	47.95	≤54	PASS
				AV	2495.440	-47.11	≤-41.20	48.09	≤54	PASS
				AV	2500.000	-47.31	≤-41.20	47.89	≤54	PASS
				Peak	2483.500	-38.21	≤-21.20	56.99	≤74	PASS
				Peak	2498.720	-35.76	≤-21.20	59.44	≤74	PASS
				Peak	2500.000	-38.19	≤-21.20	57.01	≤74	PASS
		Low	Hop_24 02	Peak	2310.000	-39.5	≤-21.20	55.70	≤74	PASS
				Peak	2378.750	-36.75	≤-21.20	58.45	≤74	PASS
				Peak	2390.000	-39.54	≤-21.20	55.66	≤74	PASS
		High	Hop_24 80	Peak	2483.500	-37.49	≤-21.20	57.71	≤74	PASS
				Peak	2495.200	-36.43	≤-21.20	58.77	≤74	PASS
				Peak	2500.000	-37.28	≤-21.20	57.92	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.29	≤-41.20	46.91	≤54	PASS



				AV	2388.935	-47.7	≤ -41.20	47.50	≤ 54	PASS
				AV	2390.000	-47.94	≤ -41.20	47.26	≤ 54	PASS
				Peak	2310.000	-38.82	≤ -21.20	56.38	≤ 74	PASS
				Peak	2324.465	-36.71	≤ -21.20	58.49	≤ 74	PASS
				Peak	2390.000	-37.08	≤ -21.20	58.12	≤ 74	PASS
		High	2480	AV	2483.500	-47.03	≤ -41.20	48.17	≤ 54	PASS
				AV	2483.520	-47.03	≤ -41.20	48.17	≤ 54	PASS
				AV	2500.000	-47.25	≤ -41.20	47.95	≤ 54	PASS
				Peak	2483.500	-36.53	≤ -21.20	58.67	≤ 74	PASS
				Peak	2490.640	-36.2	≤ -21.20	59.00	≤ 74	PASS
				Peak	2500.000	-37.77	≤ -21.20	57.43	≤ 74	PASS
		Low	Hop_24 02	Peak	2310.000	-38.15	≤ -21.20	57.05	≤ 74	PASS
				Peak	2315.750	-36.87	≤ -21.20	58.33	≤ 74	PASS
				Peak	2390.000	-39.02	≤ -21.20	56.18	≤ 74	PASS
		High	Hop_24 80	Peak	2483.500	-37.74	≤ -21.20	57.46	≤ 74	PASS
				Peak	2490.320	-35.82	≤ -21.20	59.38	≤ 74	PASS
				Peak	2500.000	-36.87	≤ -21.20	58.33	≤ 74	PASS

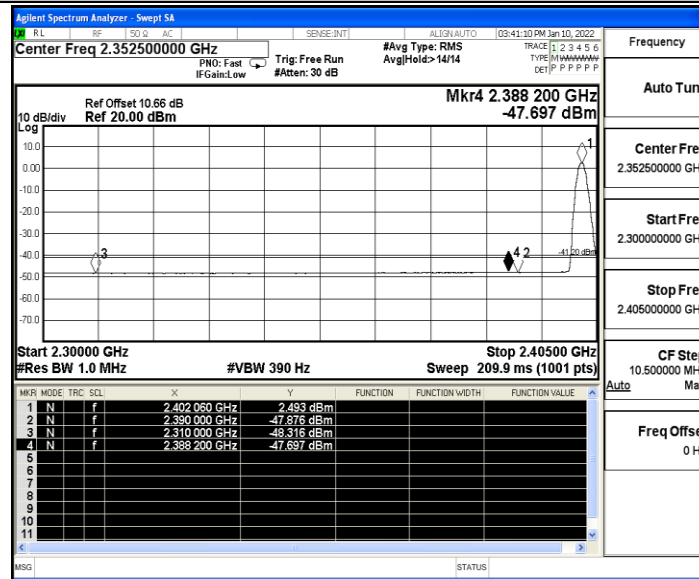
Note:

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.

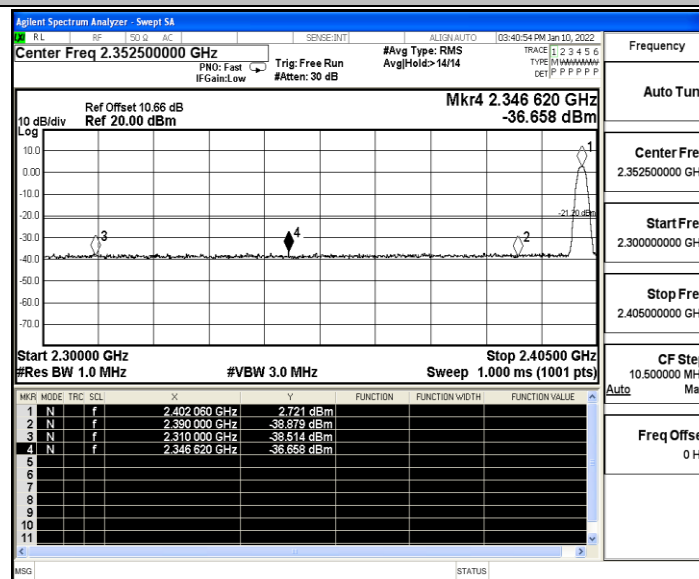


Test Graphs

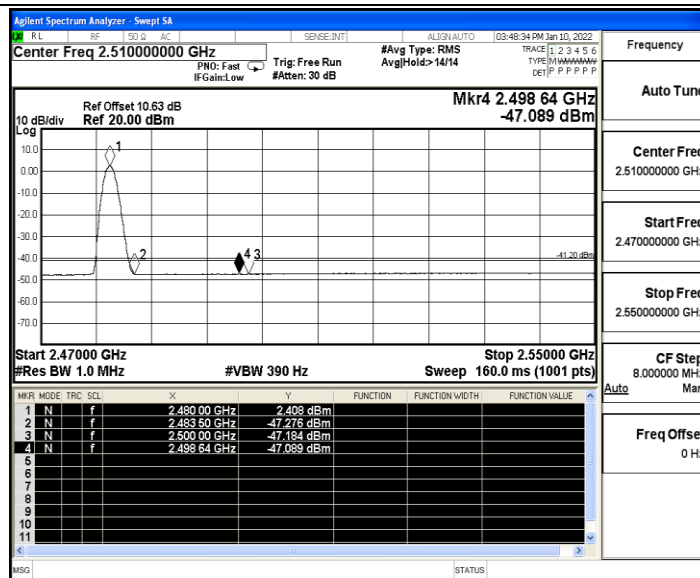
DH5_Ant1_Low_2402_AV



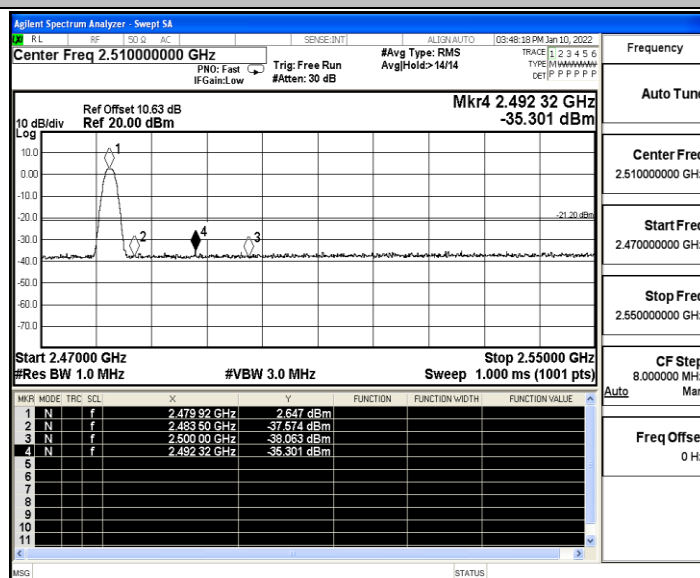
DH5_Ant1_Low_2402_Peak



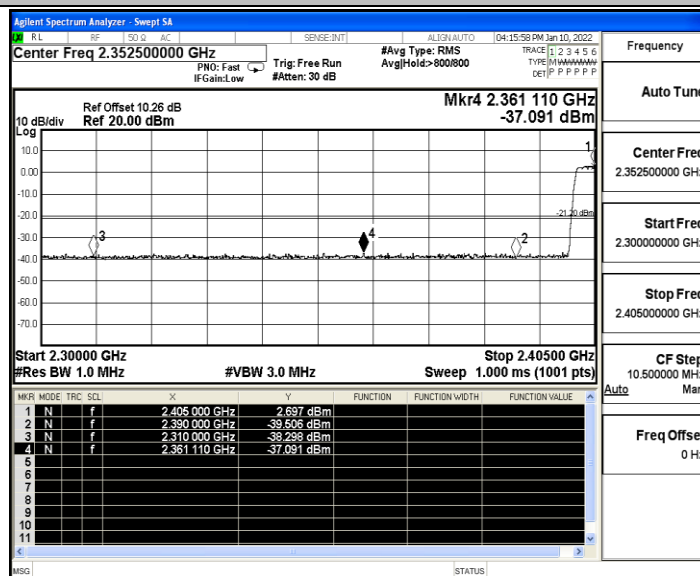
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

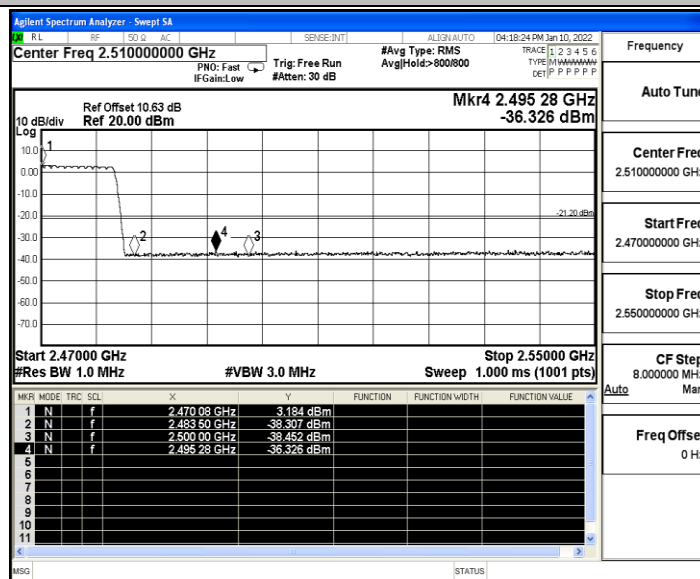


DH5_Ant1_Low_Hop_2402_Peak

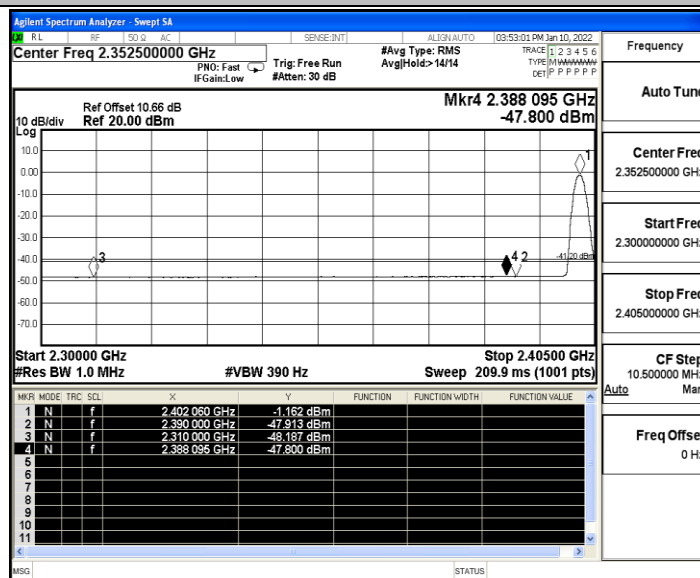




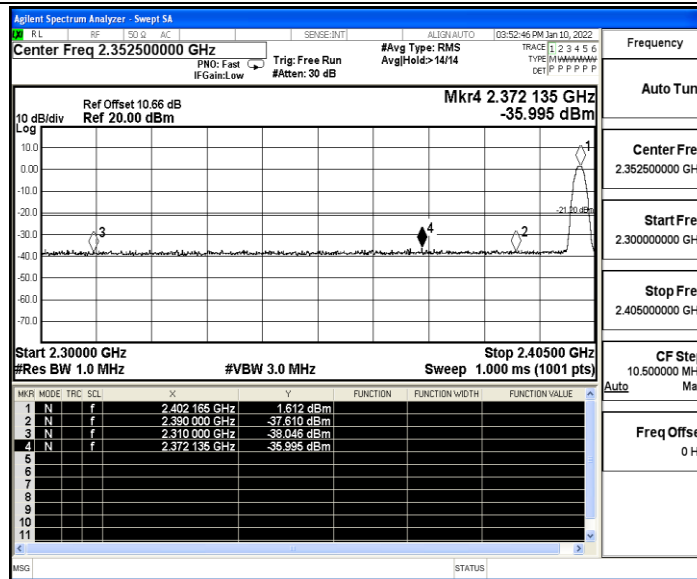
DH5_Ant1_High_Hop_2480_Peak



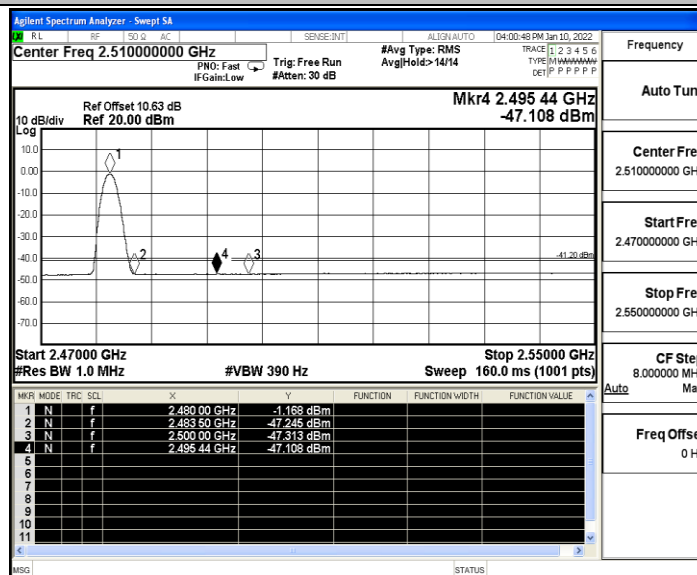
2DH5_Ant1_Low_2402_AV



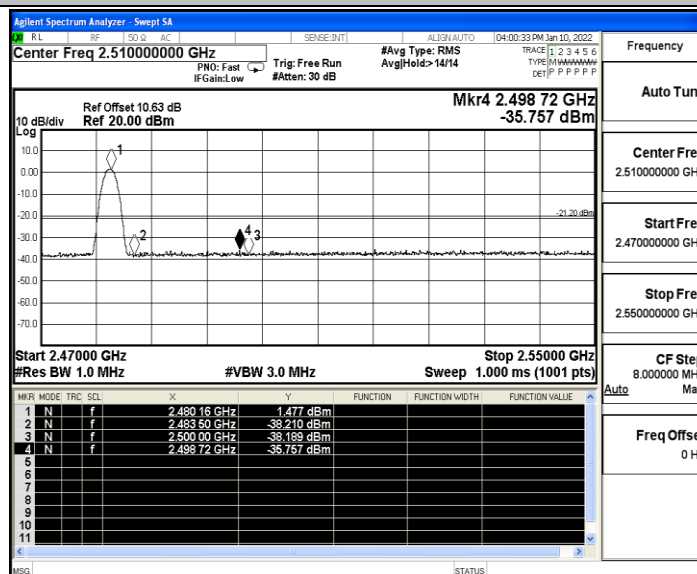
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2DH5_Ant1_High_2480_AV

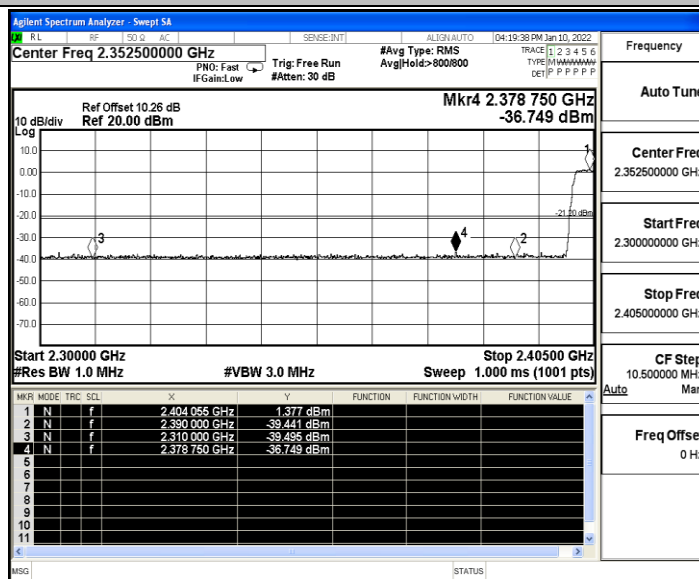


2DH5_Ant1_High_2480_Peak

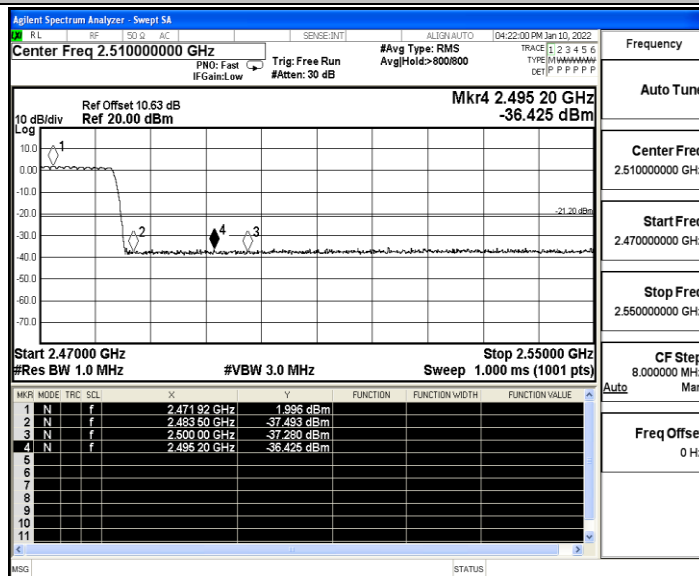




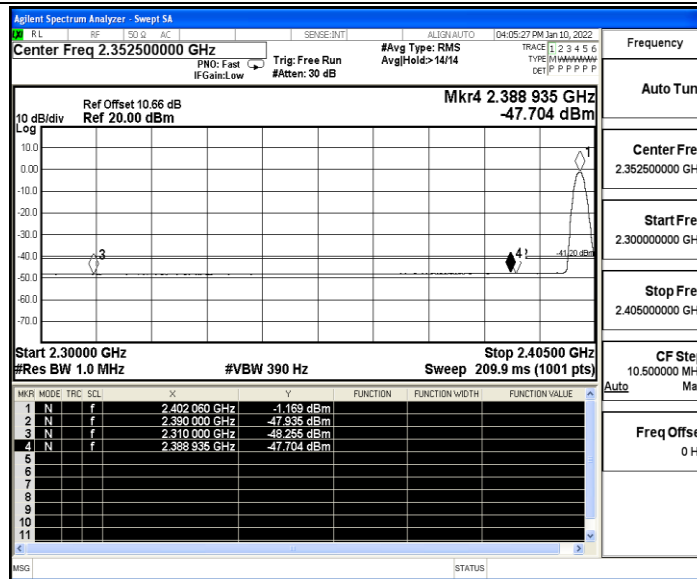
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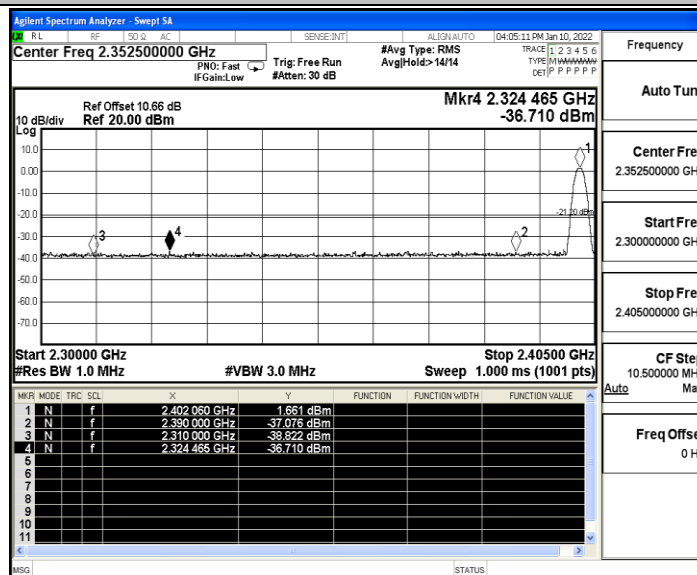
2DH5_Ant1_High_Hop_2480_Peak



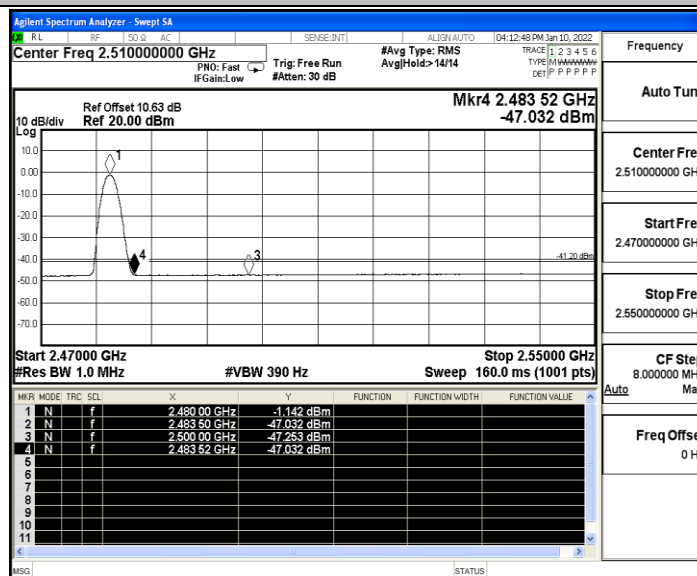
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak

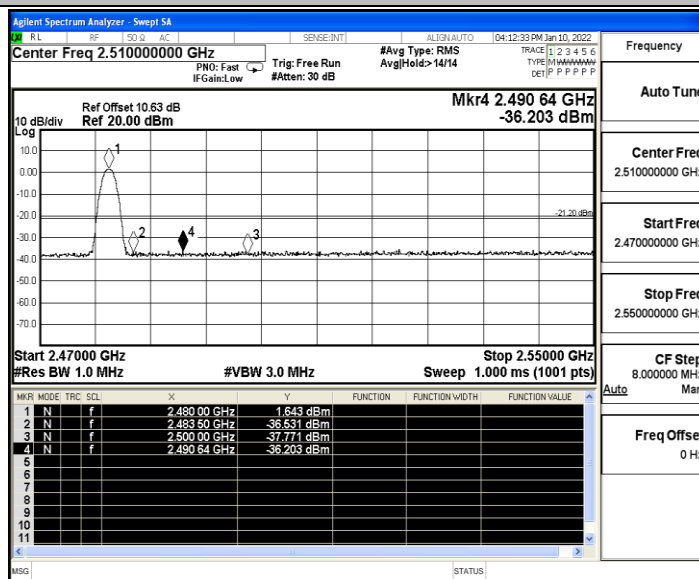


3DH5_Ant1_High_2480_AV

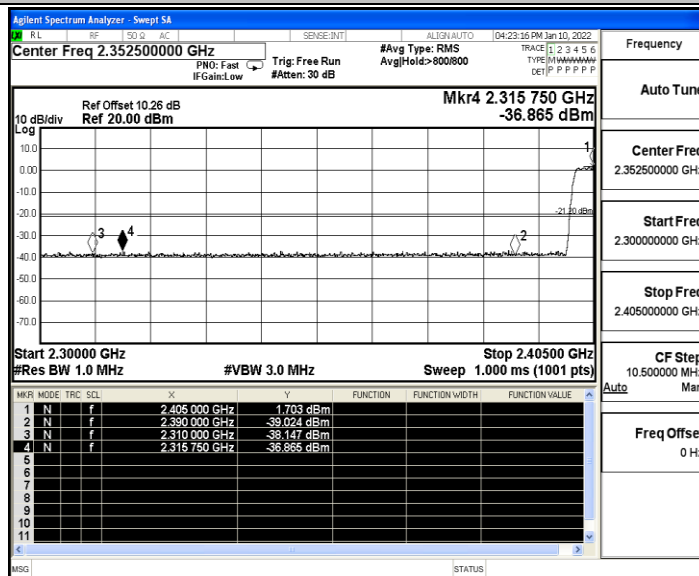




3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak



3DH5_Ant1_High_Hop_2480_Peak

