



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: 10.1 inch Tablet Space 10

Test Model: UNIQ0222

Environmental Conditions

Temperature:	22.0℃
Relative Humidity:	53.0%
ATM Pressure:	100.0 kPa
Test Engineer:	 Kay Hu
Supervised by:	 Li Huan



A.1 20dB Emission Bandwidth

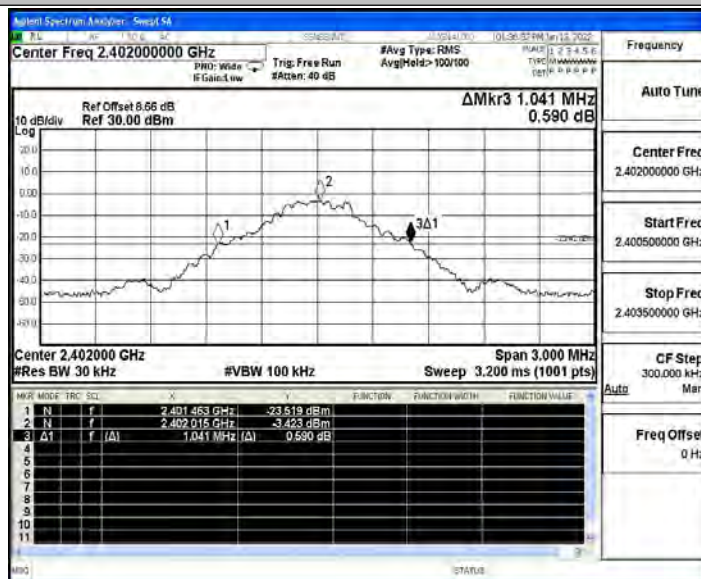
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.041	2401.463	2402.504	---	---
		2441	1.032	2440.469	2441.501	---	---
		2480	1.044	2479.463	2480.507	---	---
2DH5	Ant1	2402	1.296	2401.361	2402.657	---	---
		2441	1.320	2440.337	2441.657	---	---
		2480	1.314	2479.340	2480.654	---	---
3DH5	Ant1	2402	1.299	2401.346	2402.645	---	---
		2441	1.317	2440.343	2441.660	---	---
		2480	1.287	2479.352	2480.639	---	---

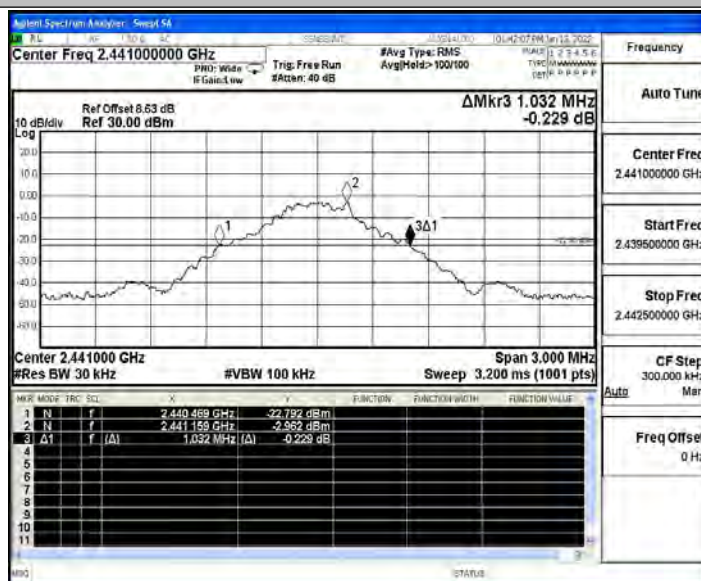


Test Graphs

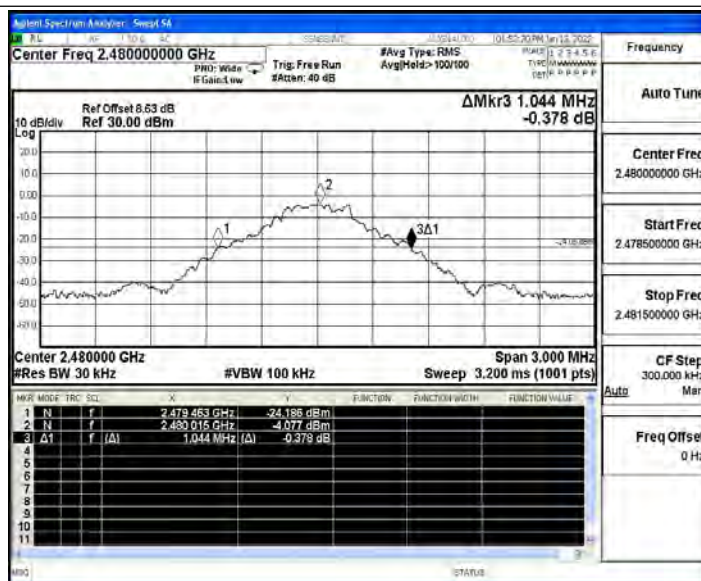
DH5_Ant1_2402



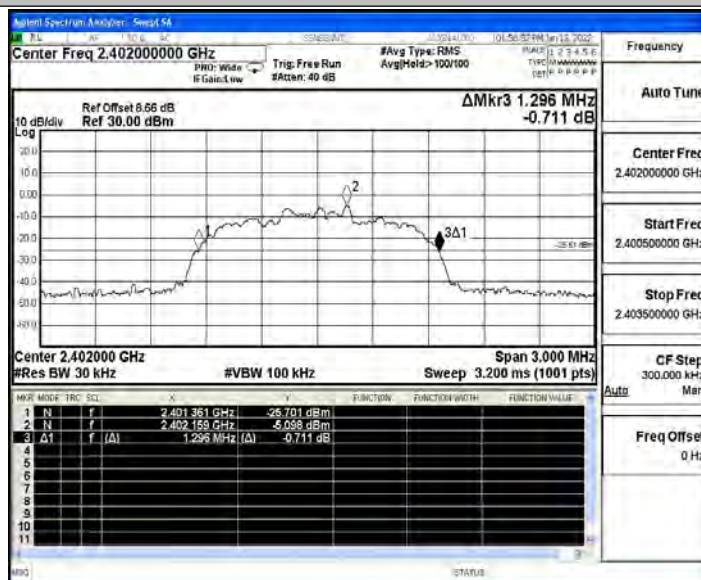
DH5_Ant1_2441



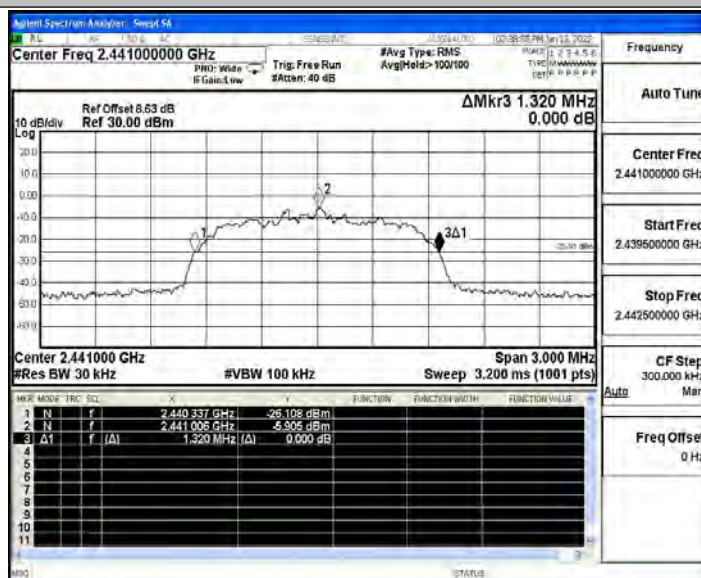
DH5_Ant1_2480



2DH5_Ant1_2402

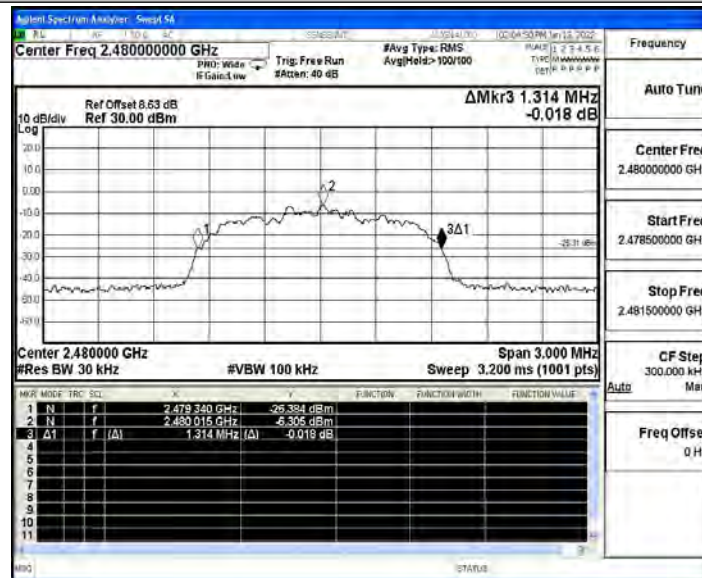


2DH5_Ant1_2441

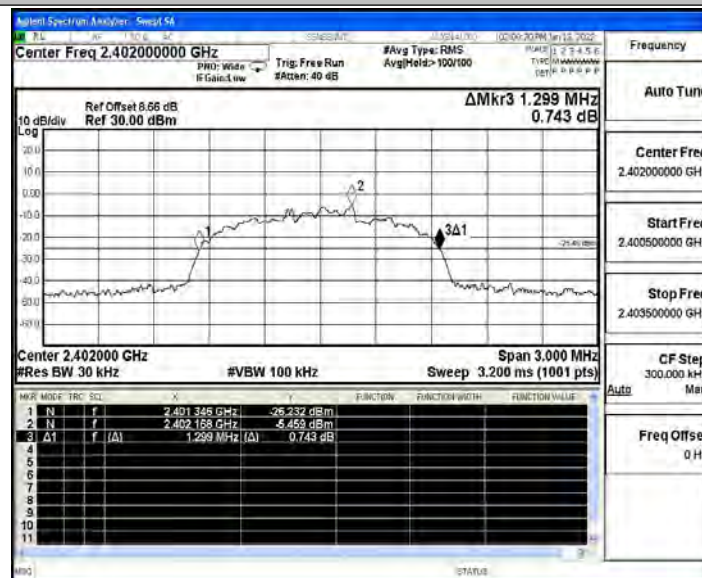




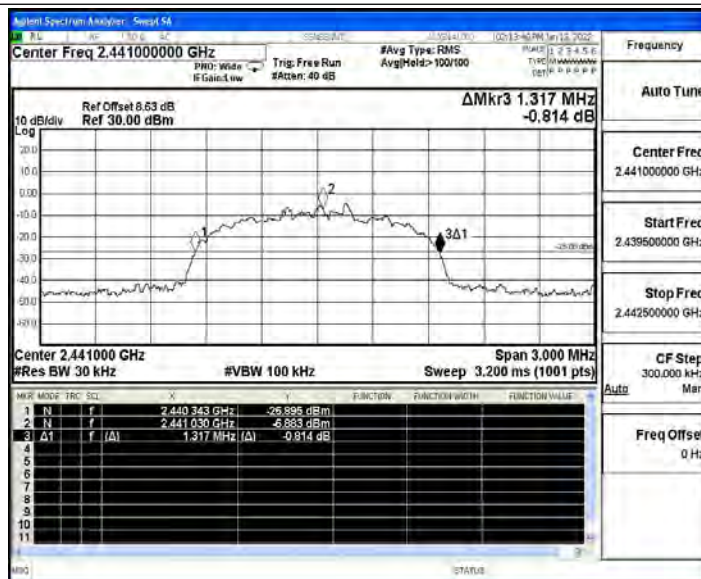
2DH5_Ant1_2480



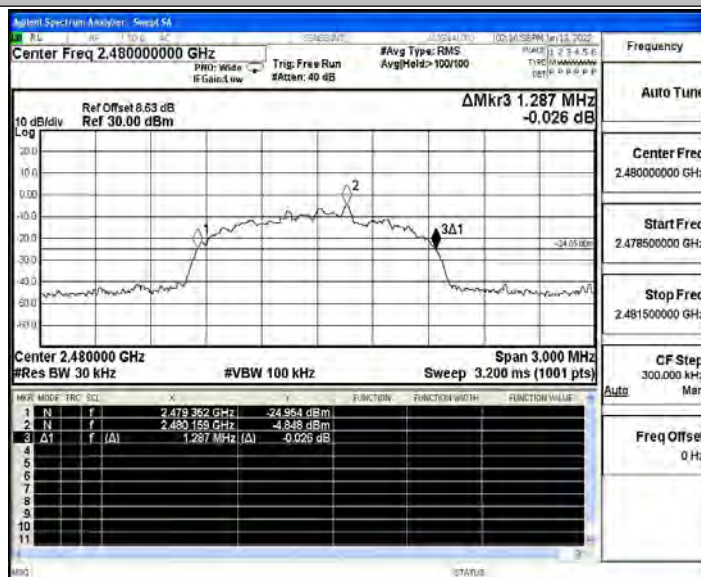
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

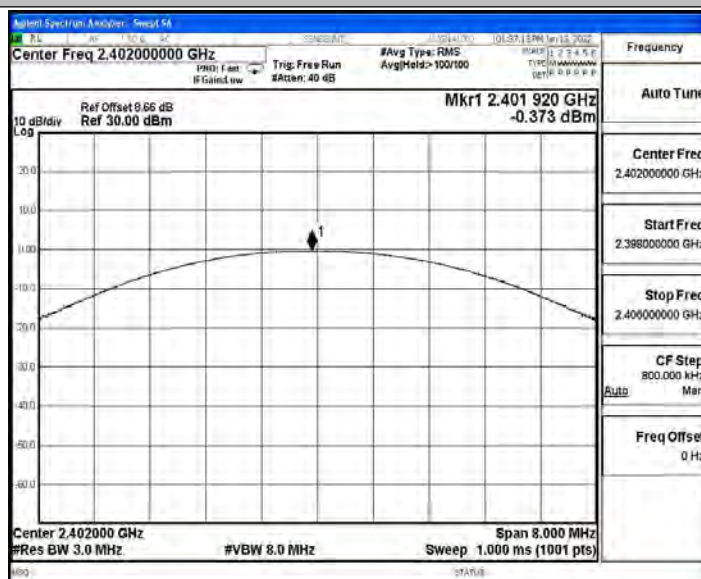
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-0.37	≤ 20.97	PASS
		2441	-0.16	≤ 20.97	PASS
		2480	-0.93	≤ 20.97	PASS
2DH5	Ant1	2402	-0.83	≤ 20.97	PASS
		2441	-0.58	≤ 20.97	PASS
		2480	-1.34	≤ 20.97	PASS
3DH5	Ant1	2402	-0.62	≤ 20.97	PASS
		2441	-0.36	≤ 20.97	PASS
		2480	-1.14	≤ 20.97	PASS

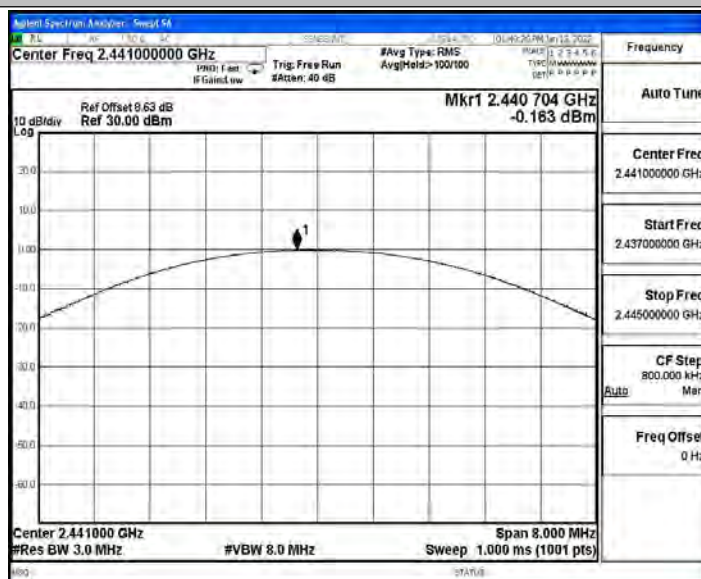


Test Graphs

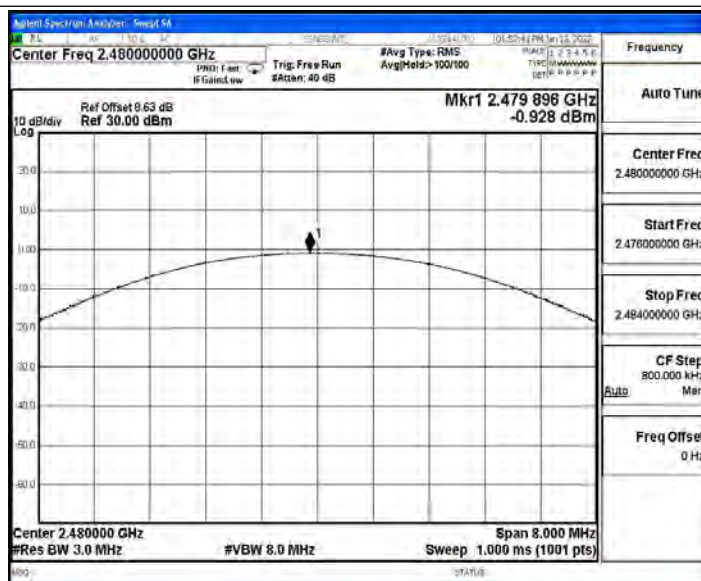
DH5_Ant1_2402



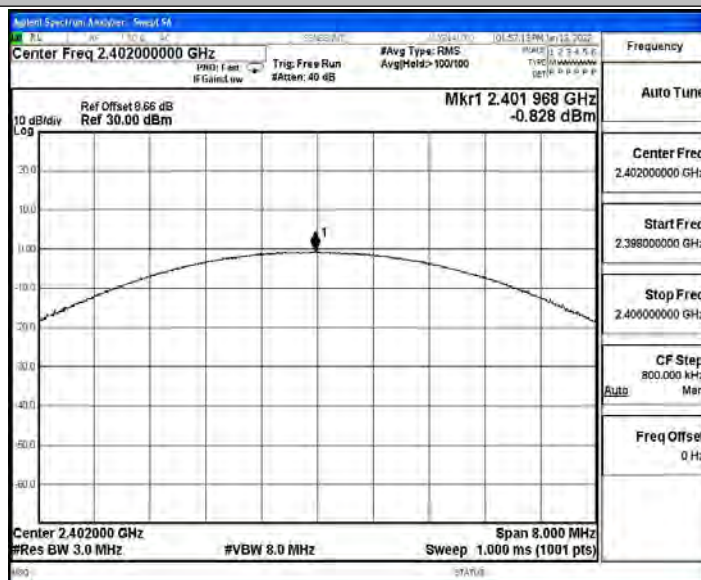
DH5_Ant1_2441



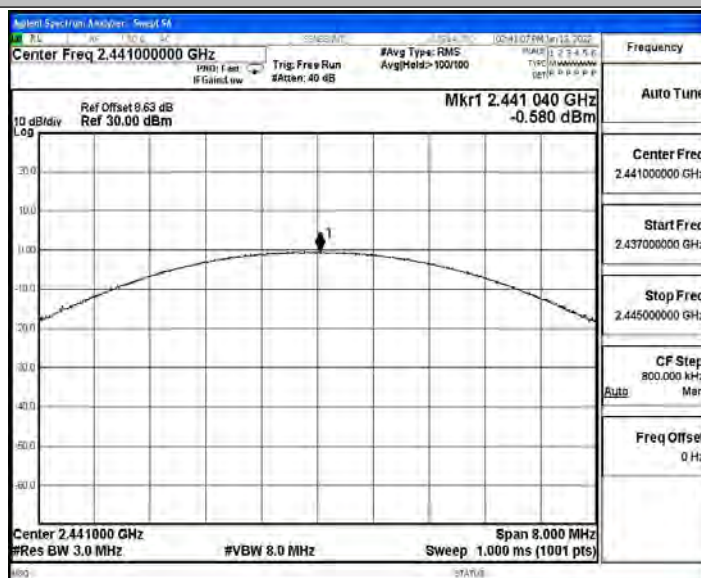
DH5_Ant1_2480



2DH5_Ant1_2402

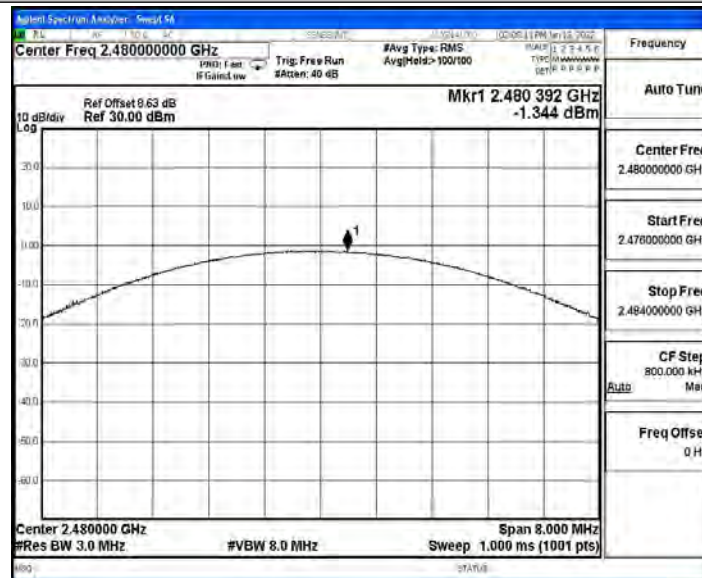


2DH5_Ant1_2441

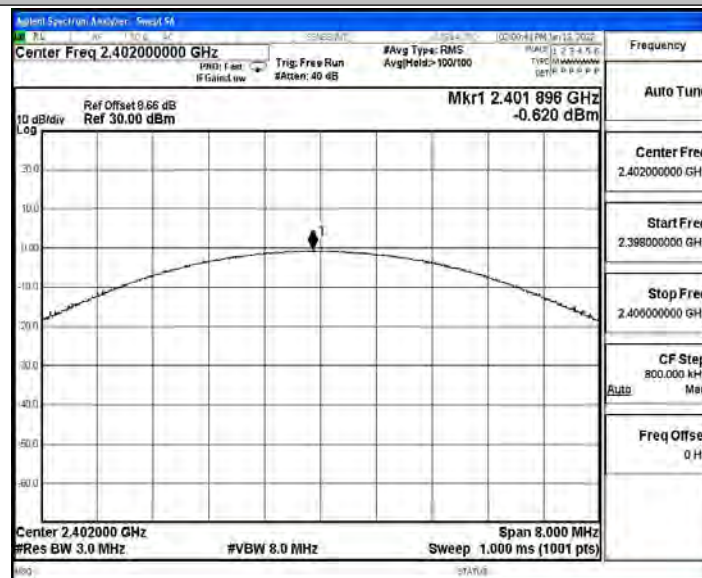




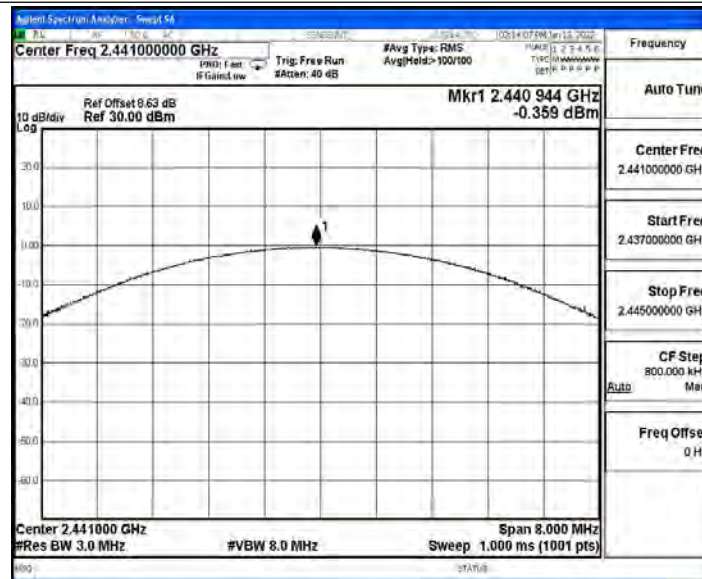
2DH5_Ant1_2480



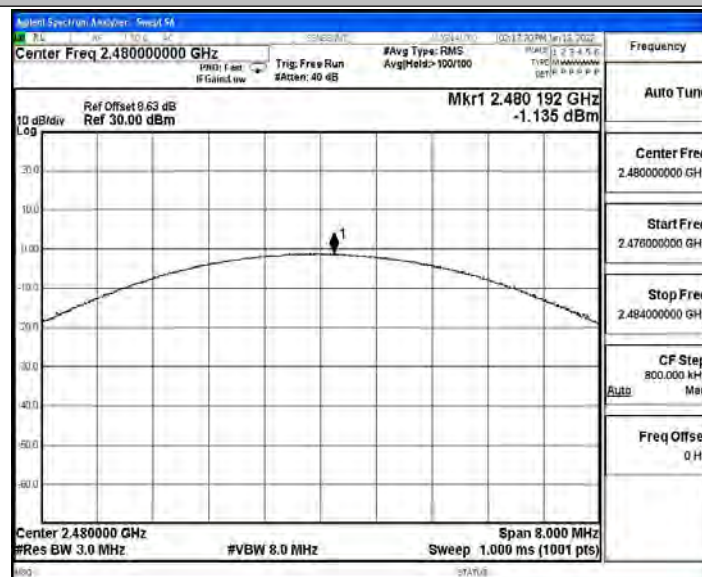
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

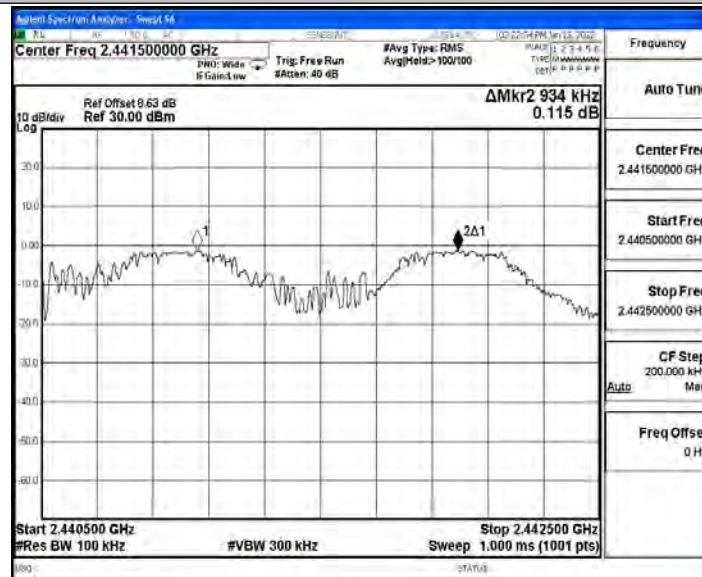
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.934	≥ 0.696	PASS
2DH5	Ant1	Hop	1.172	≥ 0.880	PASS
3DH5	Ant1	Hop	1.048	≥ 0.878	PASS

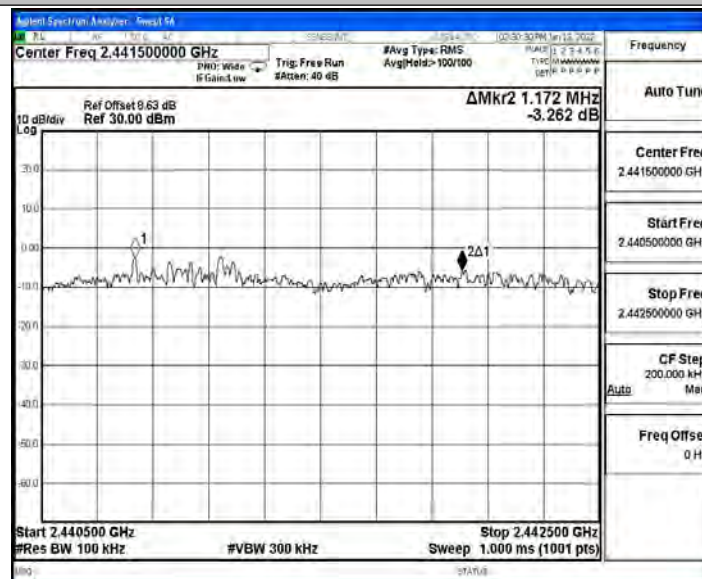


Test Graphs

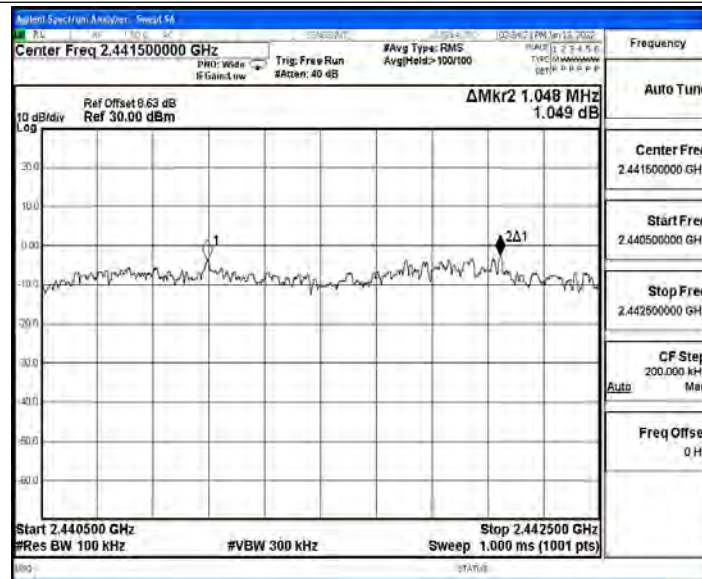
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

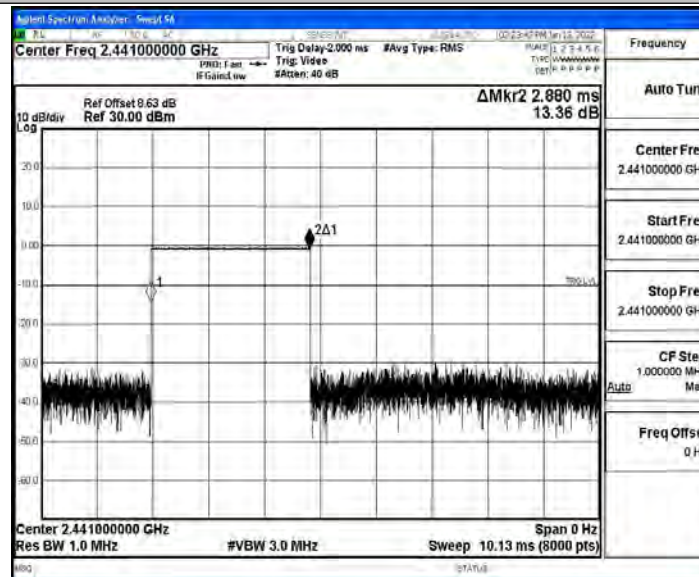
Test Result

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

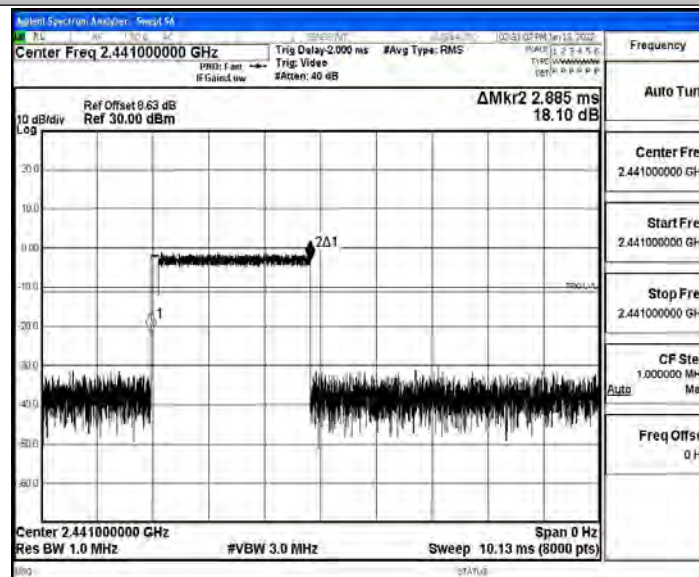


Test Graphs

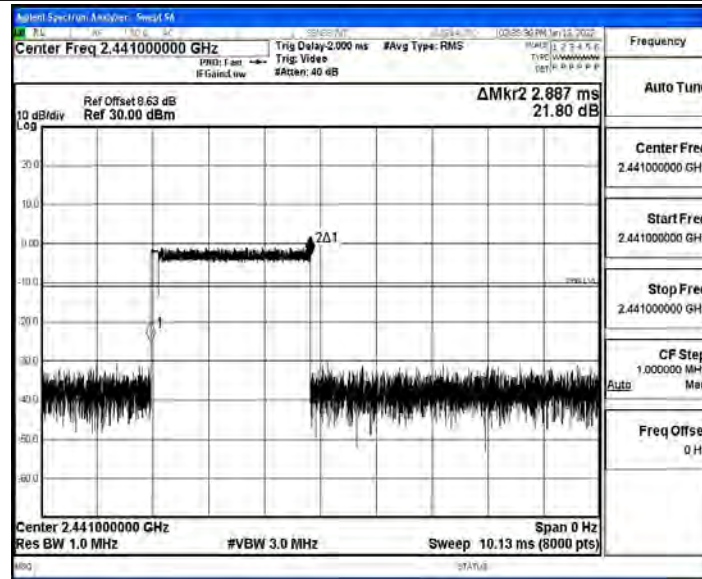
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.5 Number of hopping channels

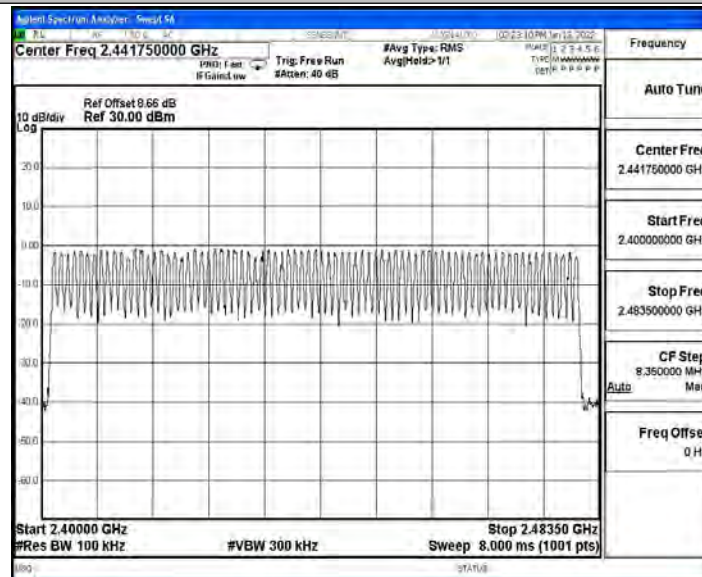
Test Result

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

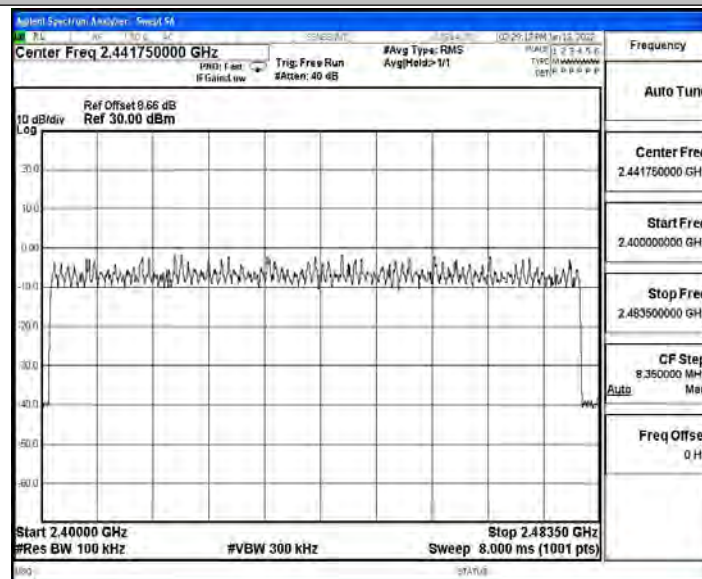


Test Graphs

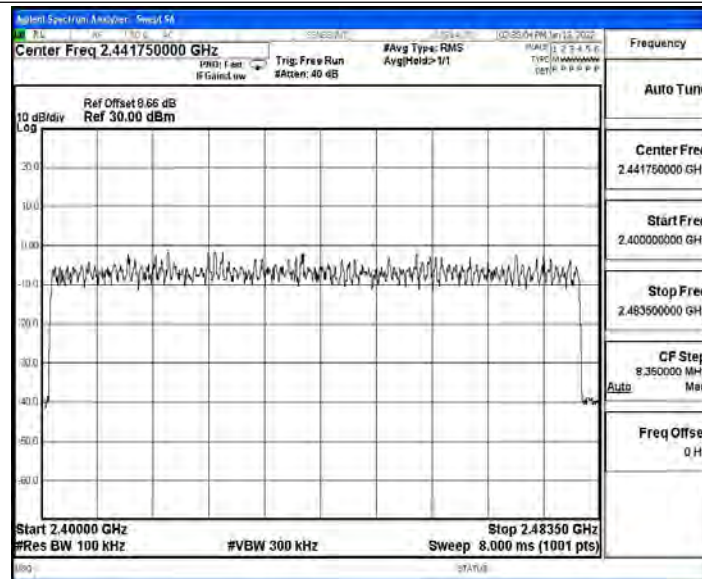
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

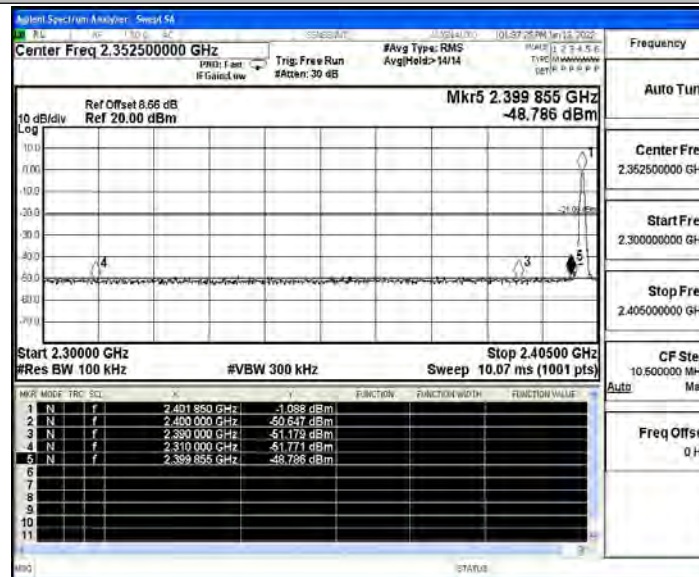
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.09	-48.79	≤ -21.09	PASS
		High	2480	-1.75	-48.09	≤ -21.75	PASS
		Low	Hop_2402	-2.15	-49.16	≤ -22.15	PASS
		High	Hop_2480	-2.10	-47.61	≤ -22.1	PASS
2DH5	Ant1	Low	2402	-2.33	-39.71	≤ -22.33	PASS
		High	2480	-3.20	-48.21	≤ -23.2	PASS
		Low	Hop_2402	-6.24	-49.12	≤ -26.24	PASS
		High	Hop_2480	-2.76	-47.21	≤ -22.76	PASS
3DH5	Ant1	Low	2402	-3.25	-48.82	≤ -23.25	PASS
		High	2480	-2.78	-48.28	≤ -22.78	PASS
		Low	Hop_2402	-4.71	-48.35	≤ -24.71	PASS
		High	Hop_2480	-3.38	-47.83	≤ -23.38	PASS

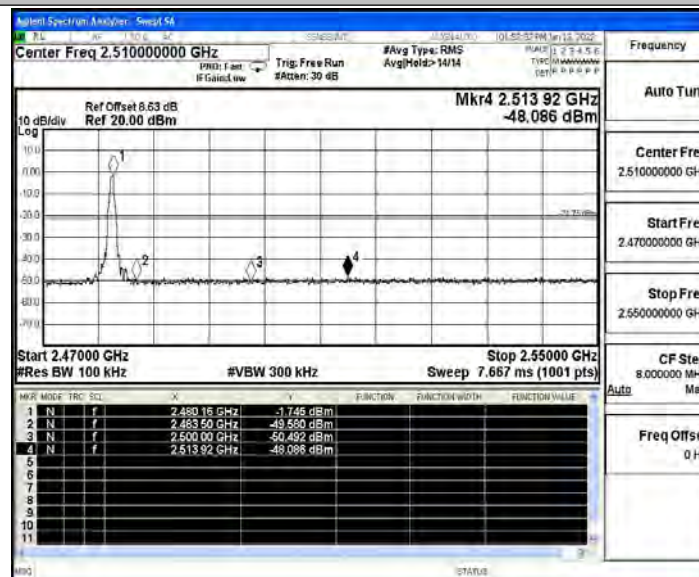


Test Graphs

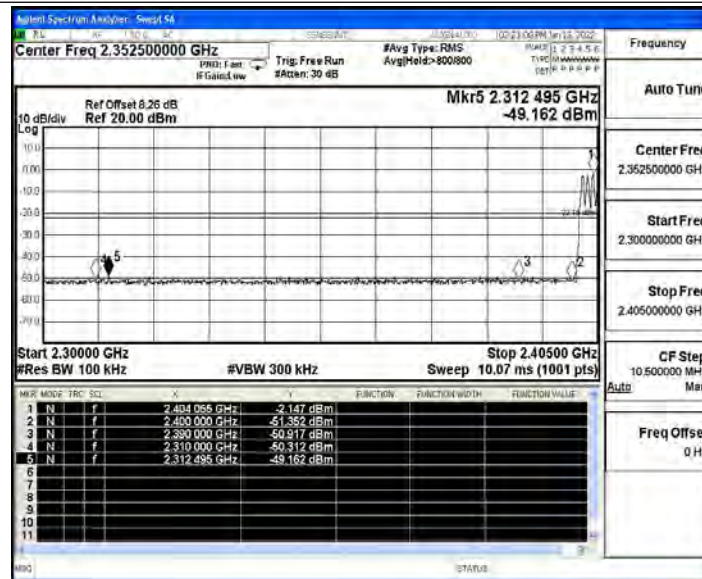
DH5_Ant1_Low_2402



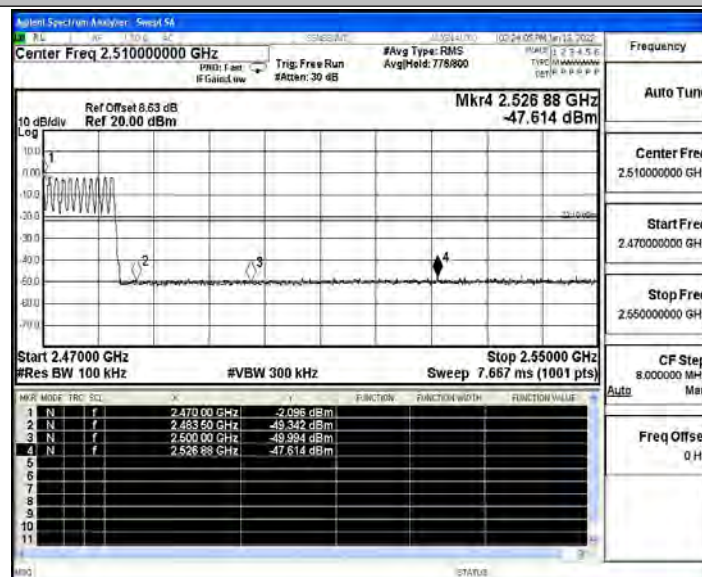
DH5_Ant1_High_2480



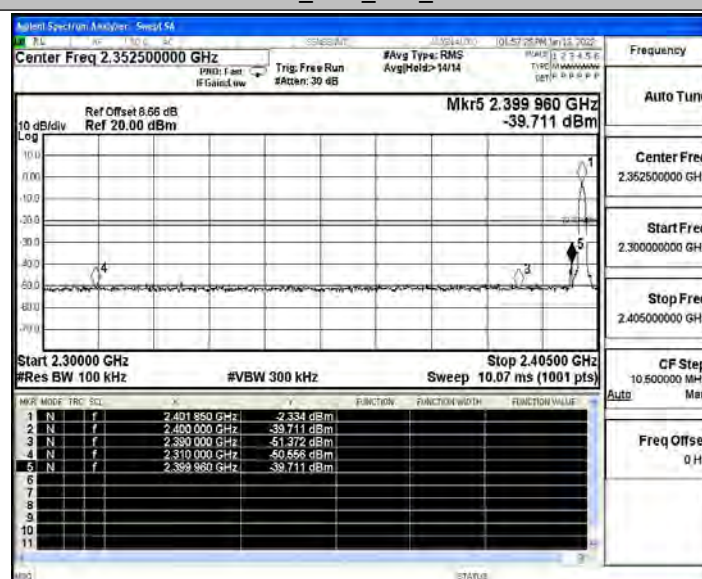
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

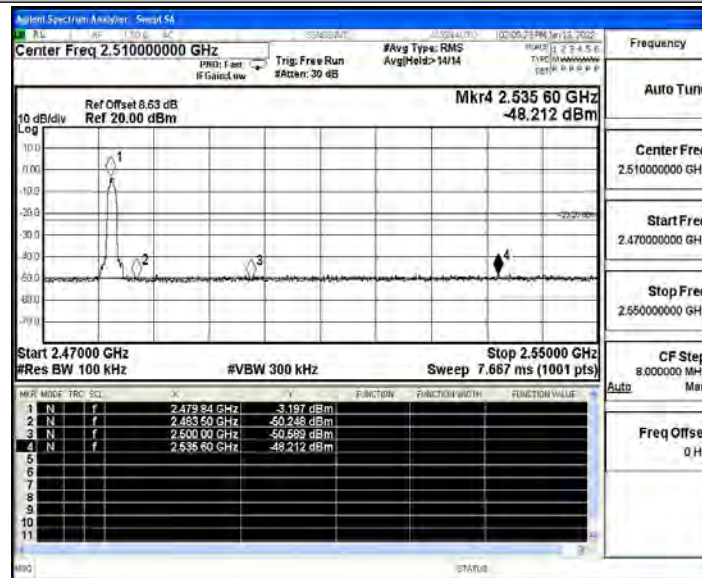


2DH5_Ant1_Low_2402

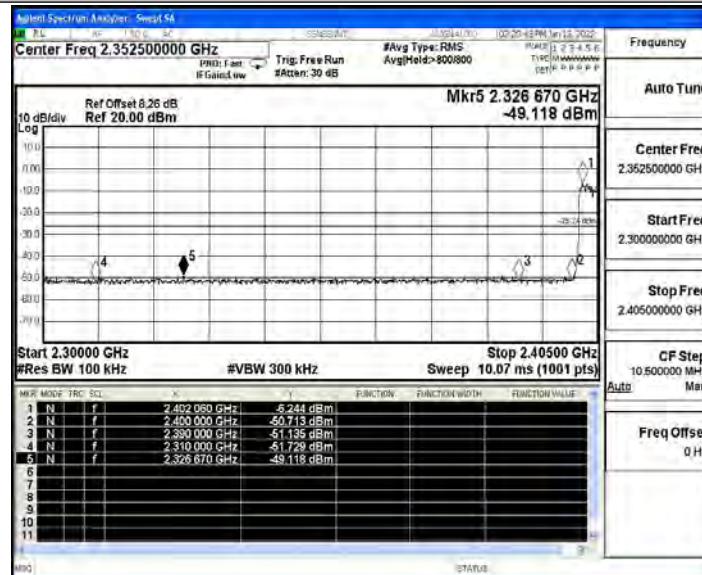




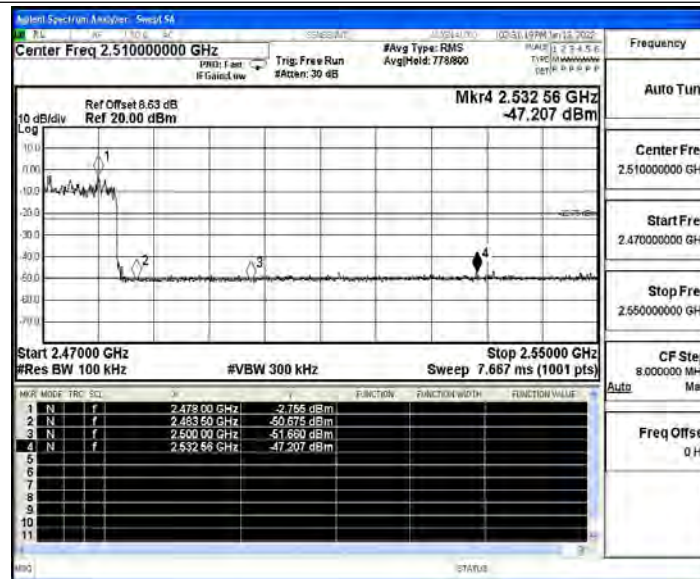
2DH5_Ant1_High_2480



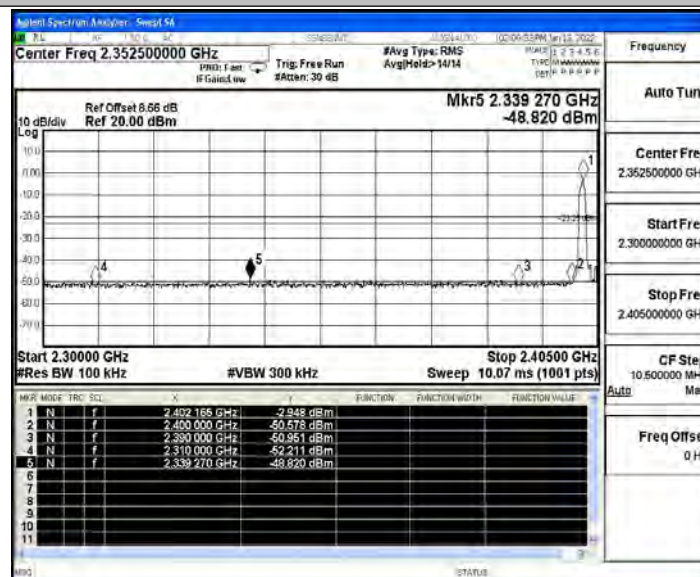
2DH5_Ant1_Low_Hop_2402



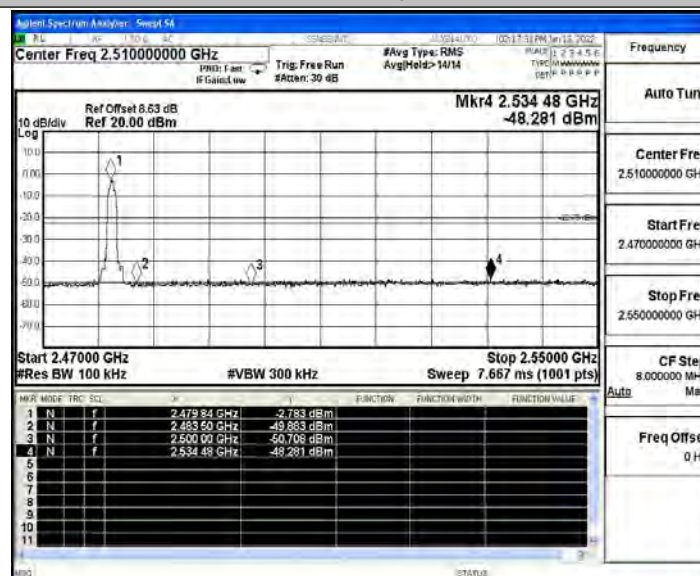
2DH5_Ant1_High_Hop_2480



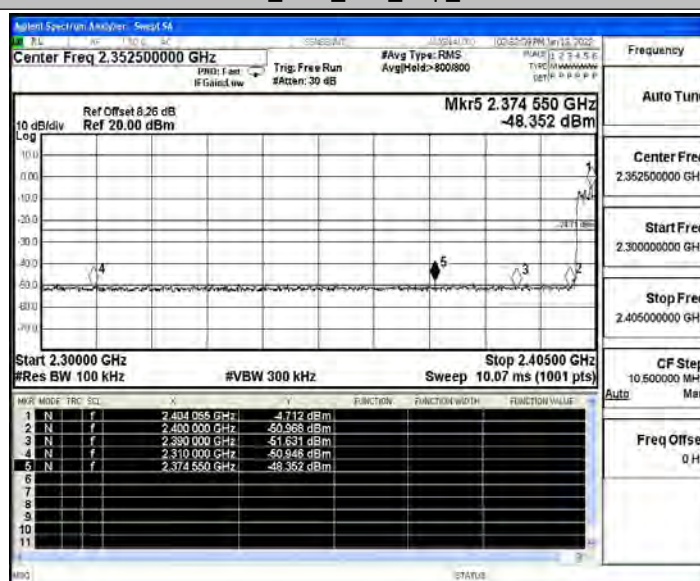
3DH5_Ant1_Low_2402



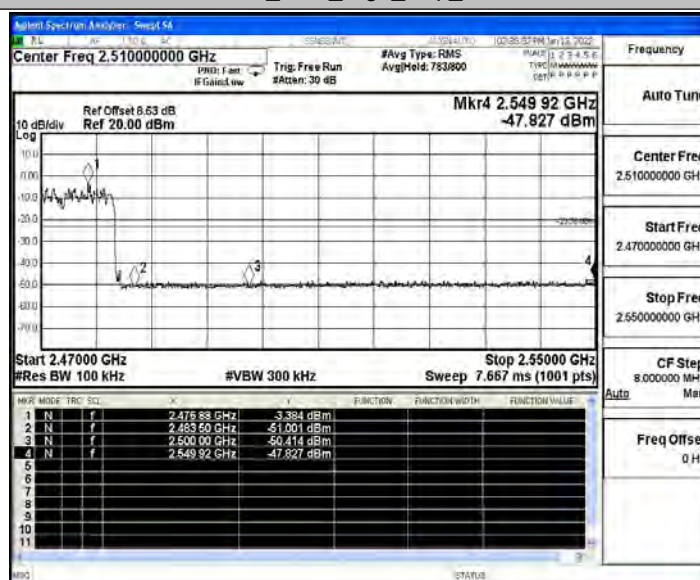
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5 Ant1 High Hop 2480





A.7 Conducted Spurious Emission

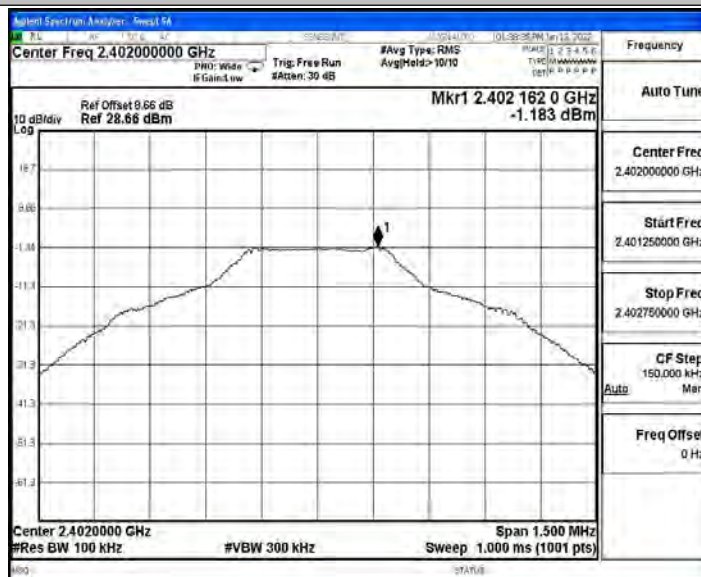
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-1.18	-1.18	---	PASS
			30~1000	-1.18	-59.88	≤ -21.18	PASS
			1000~26500	-1.18	-45.81	≤ -21.18	PASS
		2441	Reference	-0.99	-0.99	---	PASS
			30~1000	-0.99	-60.58	≤ -20.99	PASS
			1000~26500	-0.99	-45.46	≤ -20.99	PASS
		2480	Reference	-1.75	-1.75	---	PASS
			30~1000	-1.75	-60.33	≤ -21.75	PASS
			1000~26500	-1.75	-35.29	≤ -21.75	PASS
2DH5	Ant1	2402	Reference	-2.32	-2.32	---	PASS
			30~1000	-2.32	-60.3	≤ -22.32	PASS
			1000~26500	-2.32	-45.17	≤ -22.32	PASS
		2441	Reference	-1.76	-1.76	---	PASS
			30~1000	-1.76	-60.56	≤ -21.76	PASS
			1000~26500	-1.76	-45.82	≤ -21.76	PASS
		2480	Reference	-2.77	-2.77	---	PASS
			30~1000	-2.77	-60.15	≤ -22.77	PASS
			1000~26500	-2.77	-45.39	≤ -22.77	PASS
3DH5	Ant1	2402	Reference	-2.31	-2.31	---	PASS
			30~1000	-2.31	-59.92	≤ -22.31	PASS
			1000~26500	-2.31	-45.49	≤ -22.31	PASS
		2441	Reference	-2.13	-2.13	---	PASS
			30~1000	-2.13	-39.62	≤ -22.13	PASS
			1000~26500	-2.13	-46.05	≤ -22.13	PASS
		2480	Reference	-2.81	-2.81	---	PASS
			30~1000	-2.81	-59.97	≤ -22.81	PASS
			1000~26500	-2.81	-46	≤ -22.81	PASS

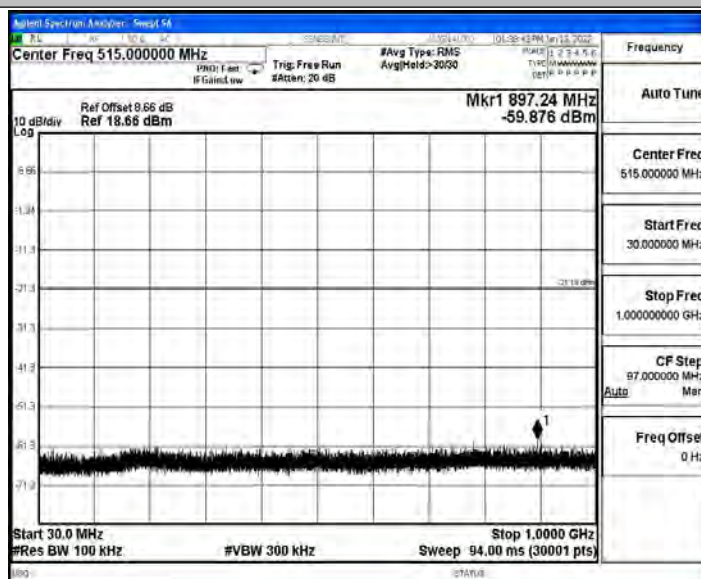


Test Graphs

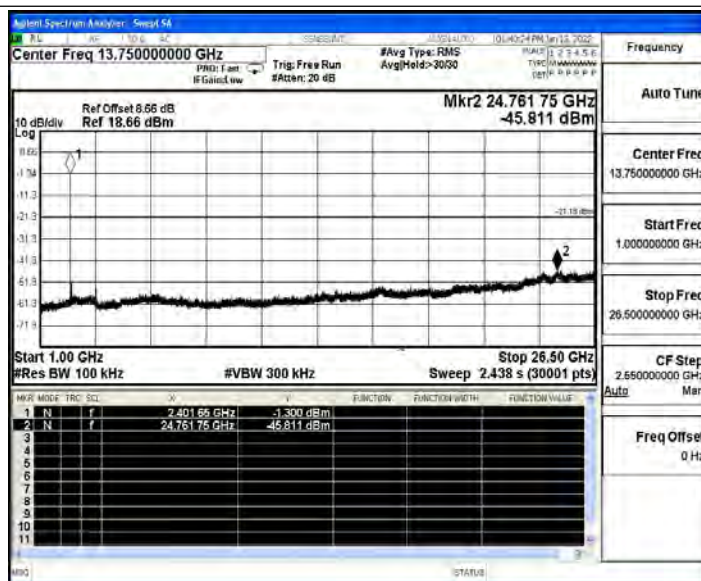
DH5_Ant1_2402_0~Reference



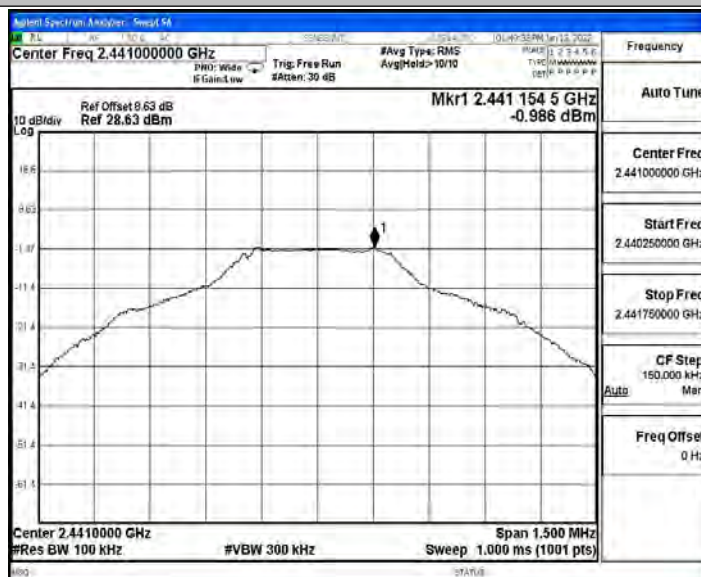
DH5_Ant1_2402_30~1000



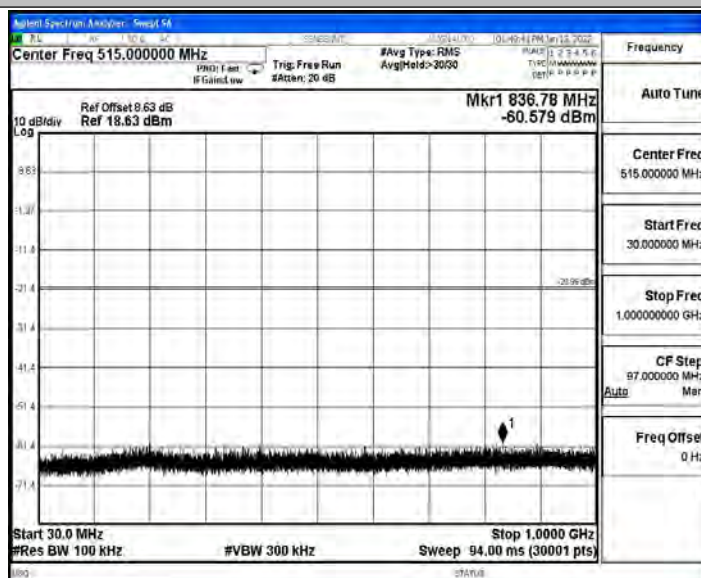
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

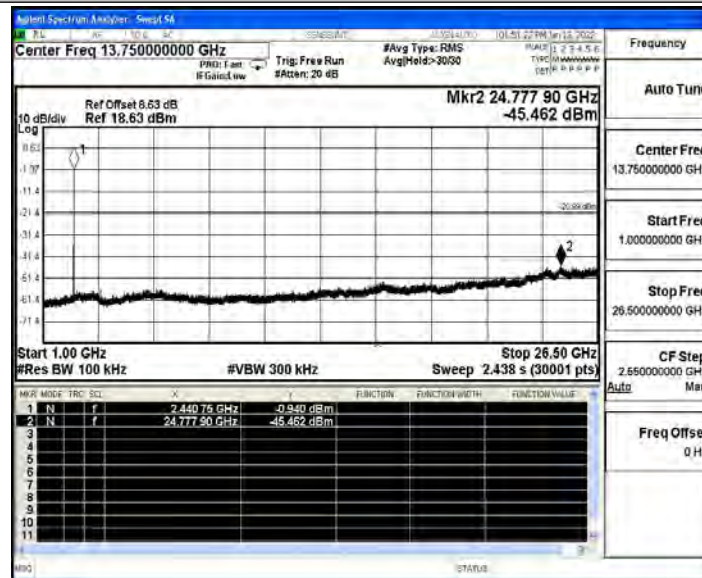


DH5_Ant1_2441_30~1000

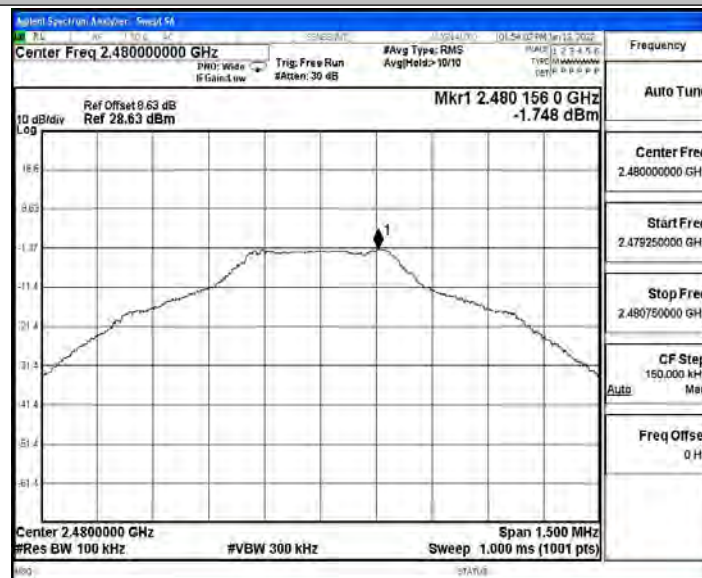




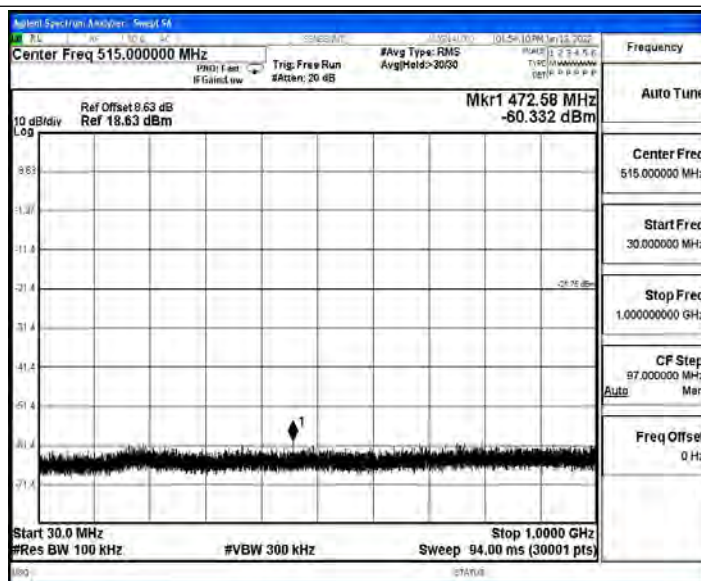
DH5_Ant1_2441_1000~26500



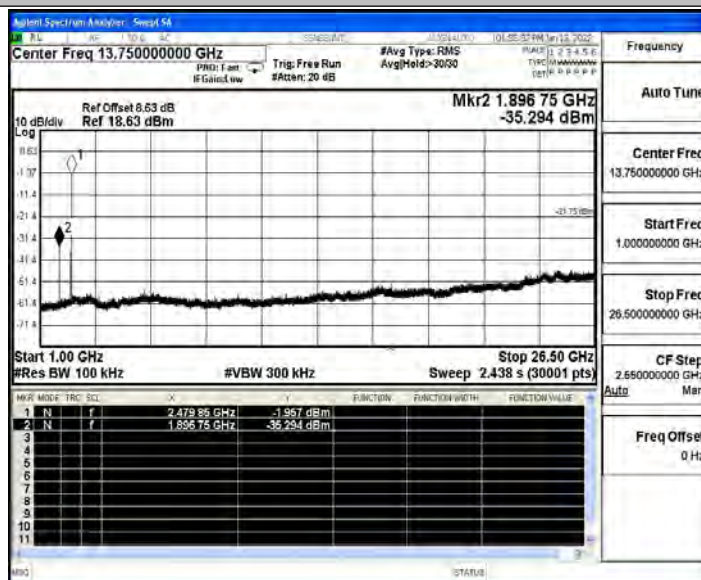
DH5_Ant1_2480_0~Reference



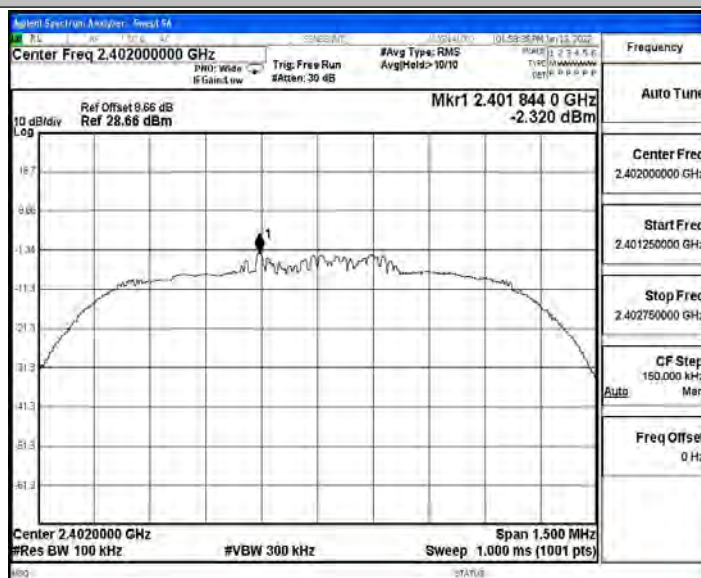
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

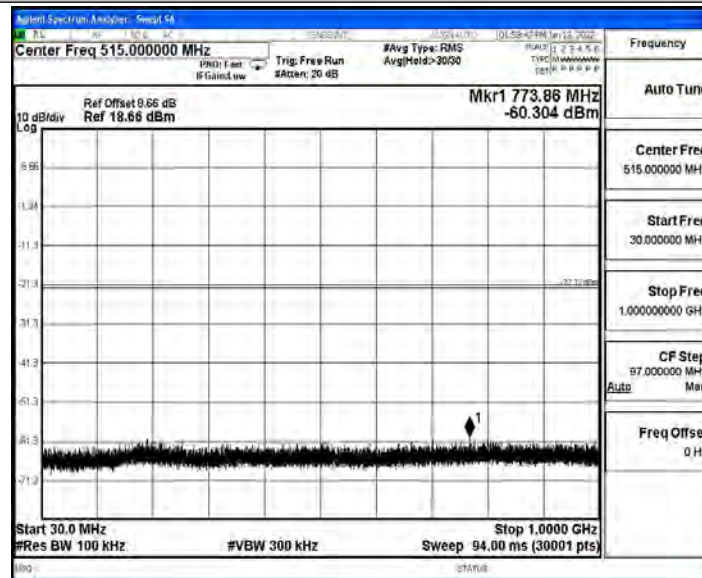


2DH5_Ant1_2402_0~Reference

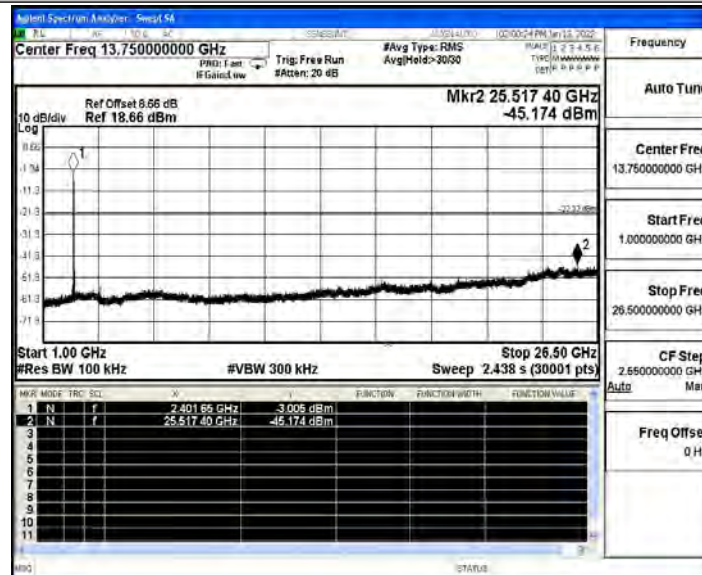




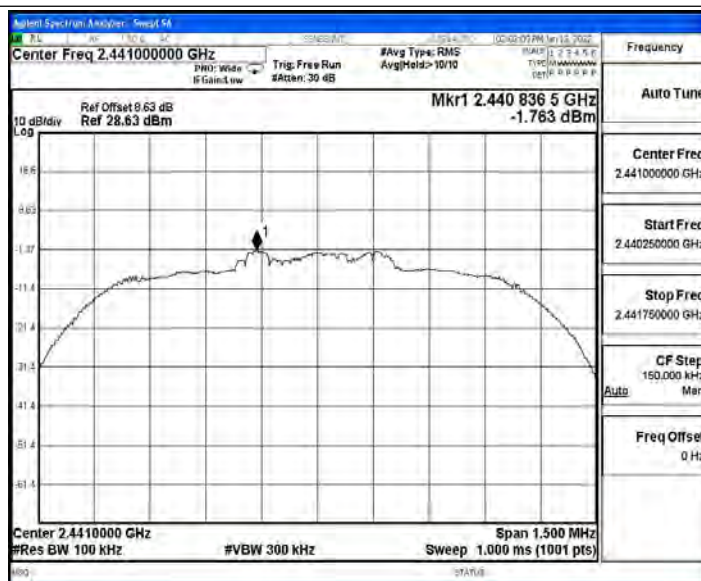
2DH5_Ant1_2402_30~1000



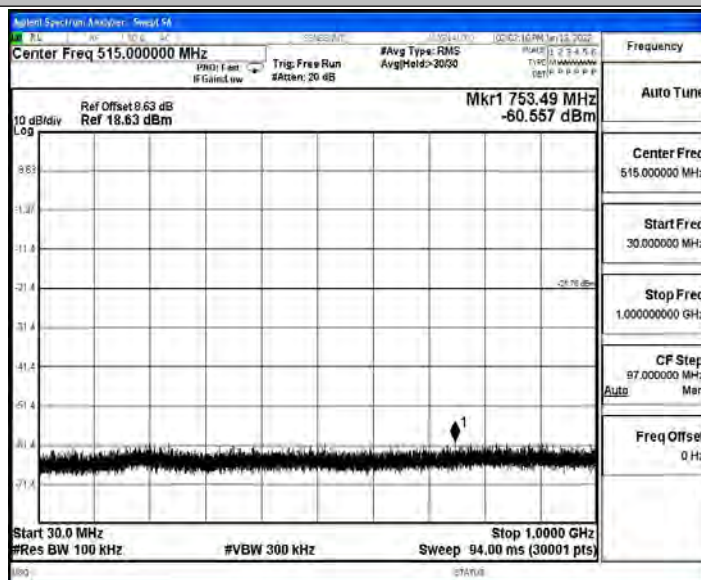
2DH5_Ant1_2402_1000~26500



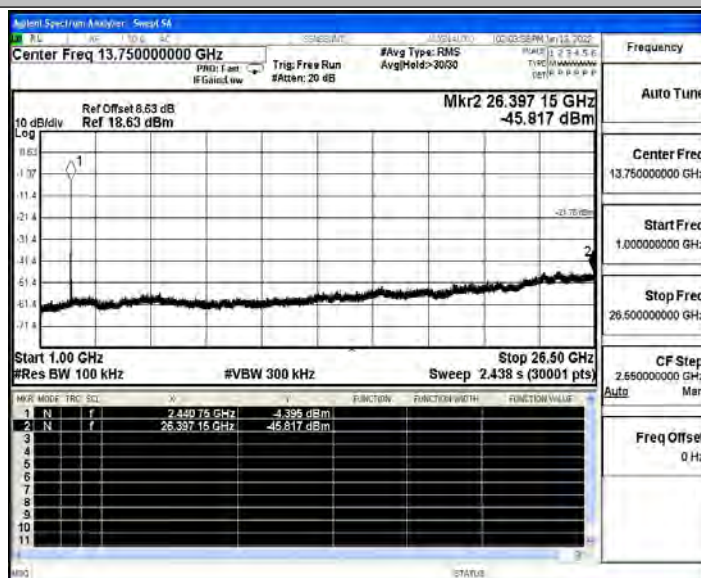
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

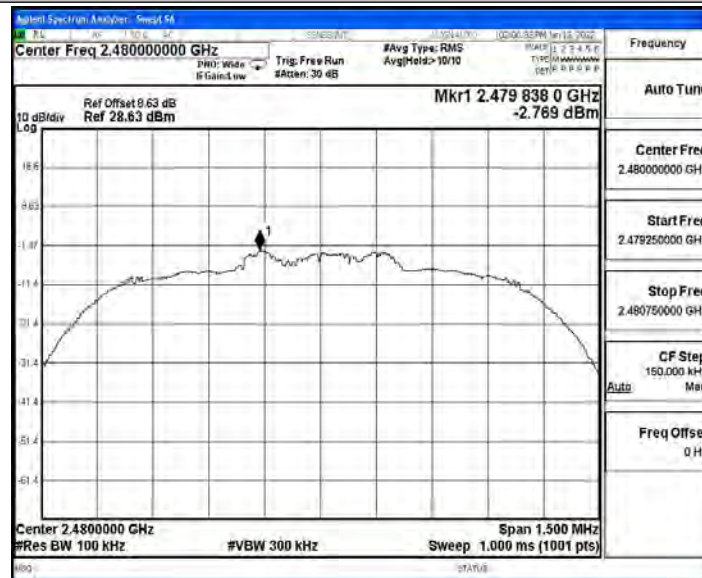


2DH5_Ant1_2441_1000~26500

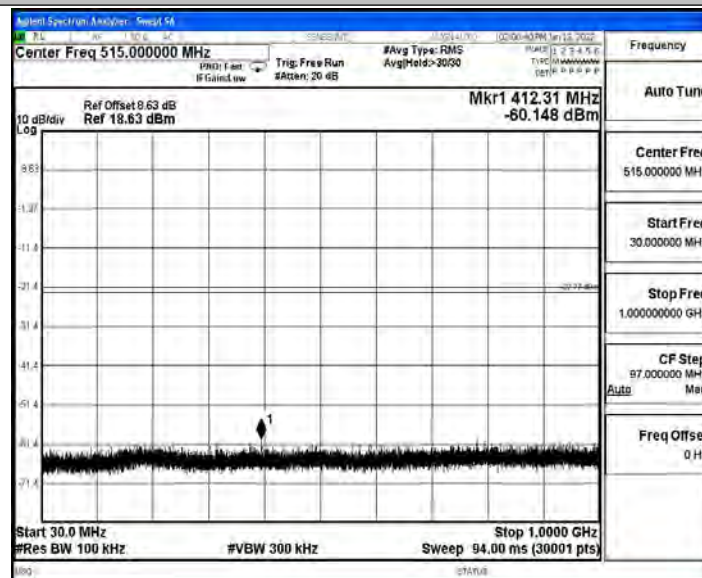




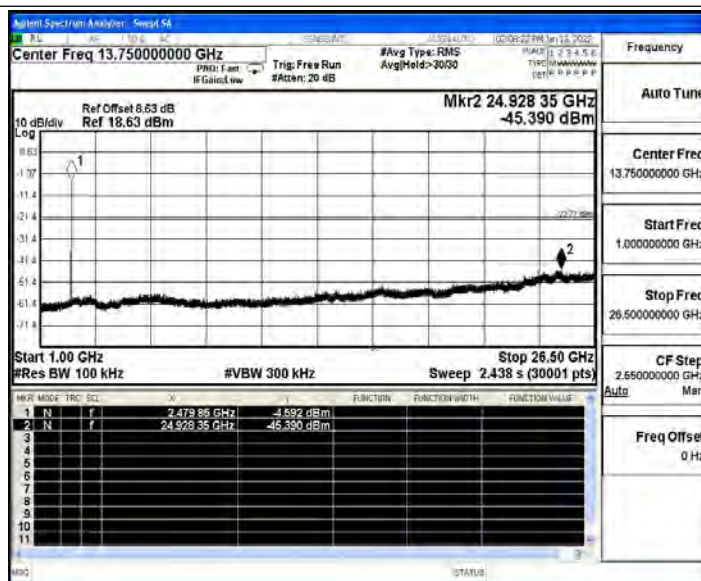
2DH5_Ant1_2480_0~Reference



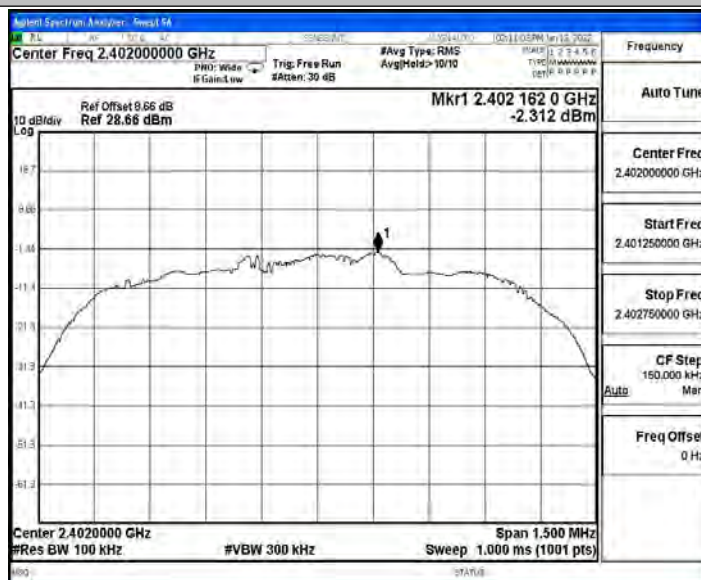
2DH5_Ant1_2480_30~1000



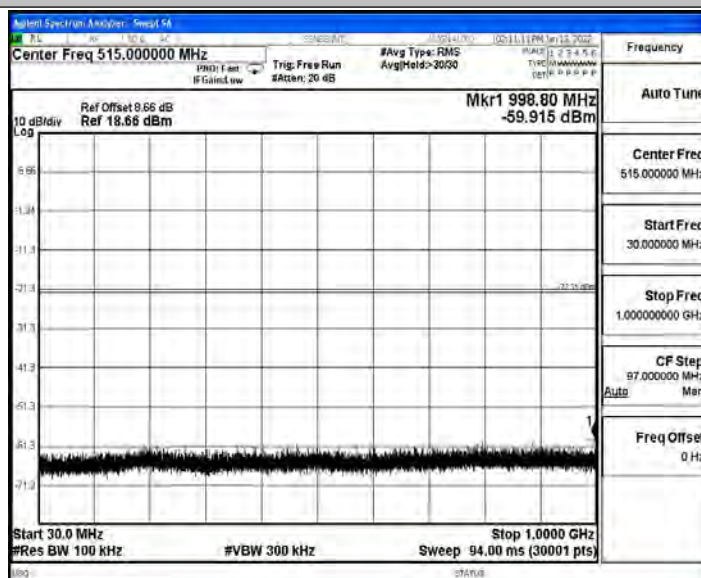
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

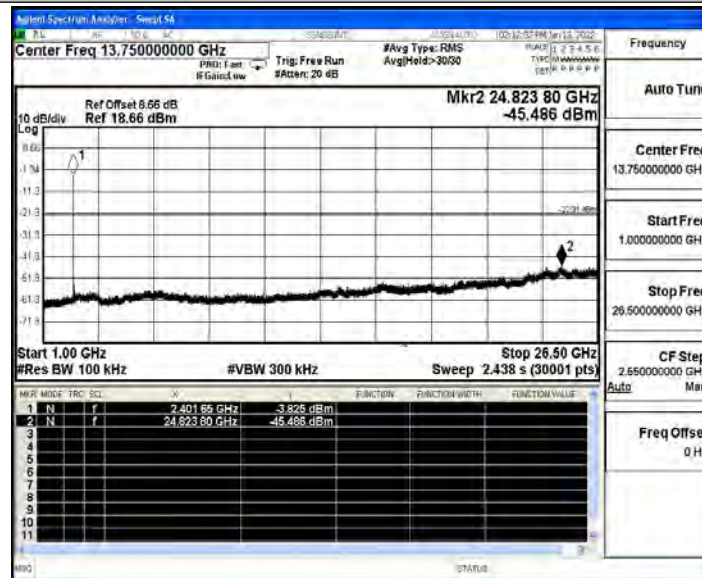


3DH5_Ant1_2402_30~1000

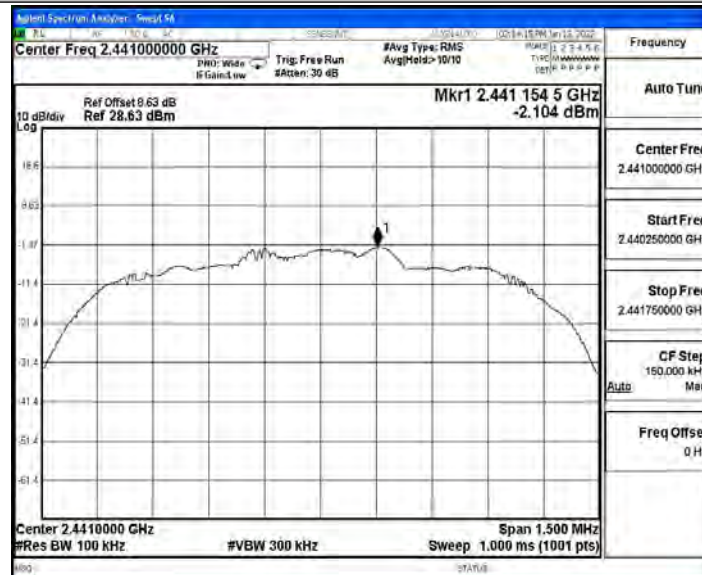




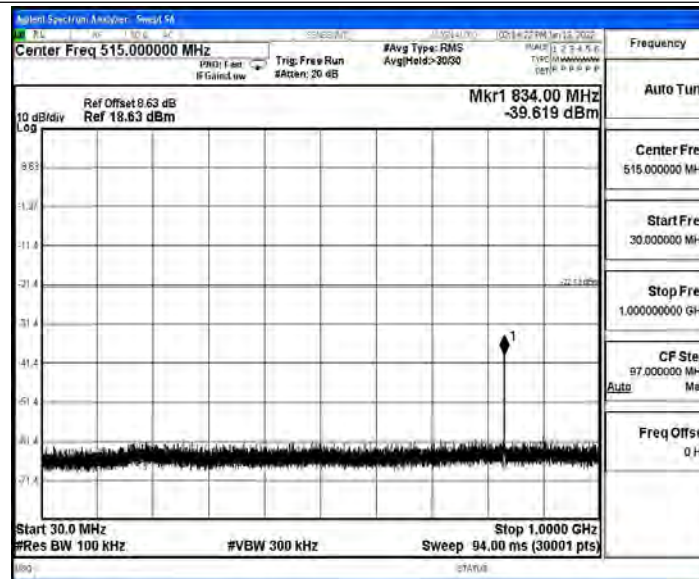
3DH5_Ant1_2402_1000~26500



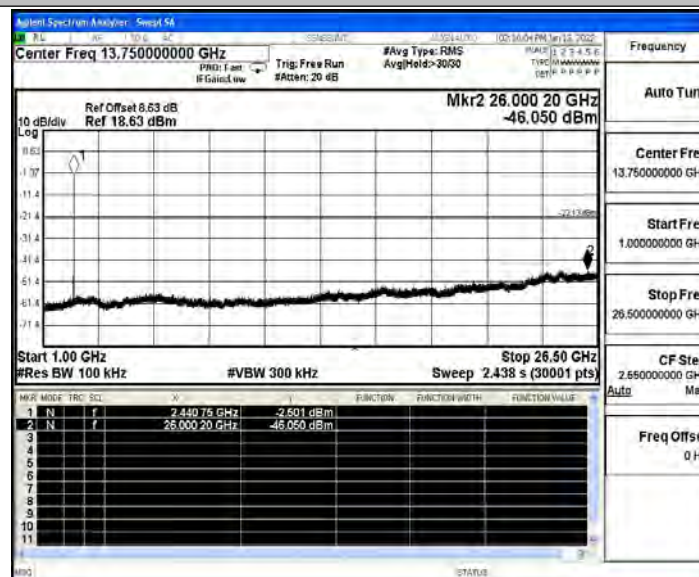
3DH5_Ant1_2441_0~Reference



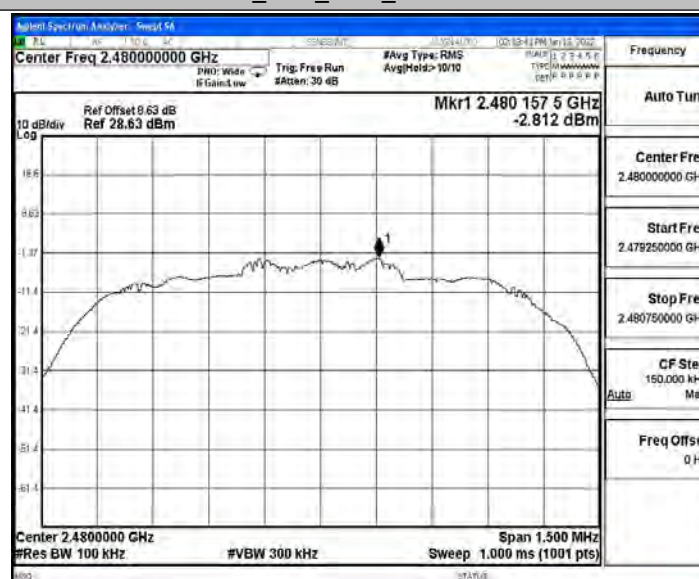
3DH5_Ant1_2441_30~1000



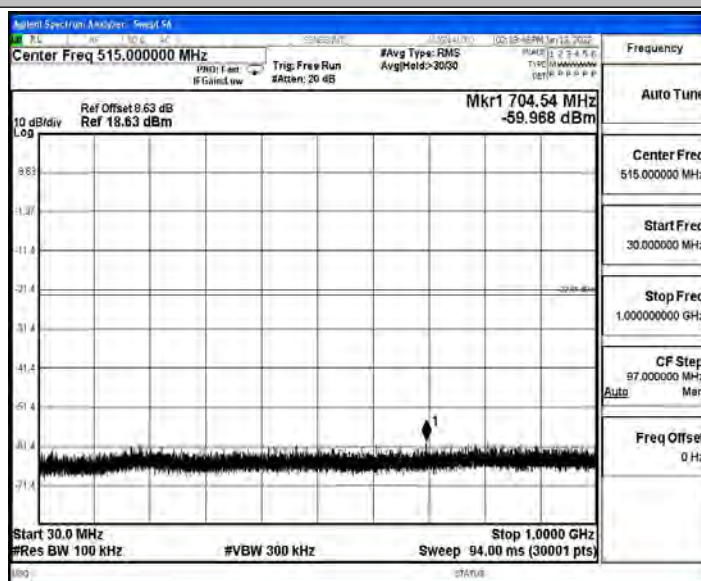
3DH5_Ant1_2441_1000~26500



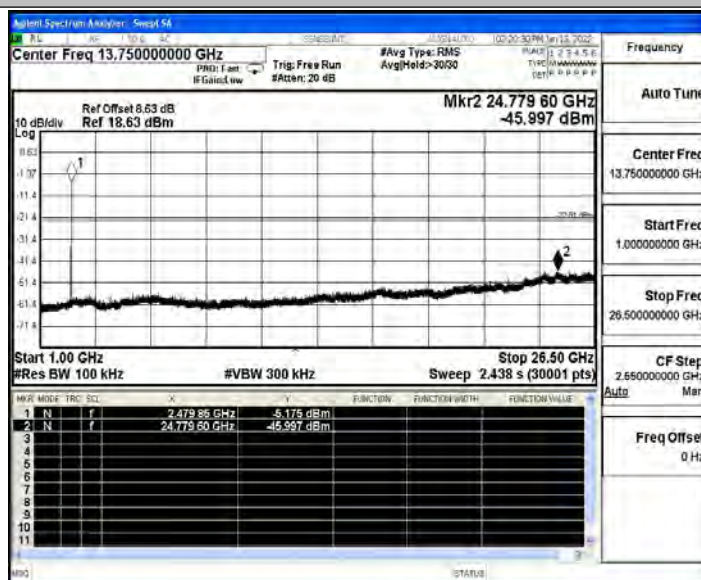
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5 Ant1 2480 1000~26500





A.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	-58.01	≤-41.20	37.19	≤54	PASS
				AV	2384.525	-57.4	≤-41.20	37.80	≤54	PASS
				AV	2390.000	-57.44	≤-41.20	37.76	≤54	PASS
				Peak	2310.000	-48.52	≤-21.20	46.68	≤74	PASS
				Peak	2386.625	-28.93	≤-21.20	66.27	≤74	PASS
				Peak	2390.000	-47.46	≤-21.20	47.74	≤74	PASS
		High	2480	AV	2483.500	-55.62	≤-41.20	39.58	≤54	PASS
				AV	2483.520	-55.76	≤-41.20	39.44	≤54	PASS
				AV	2500.000	-57.03	≤-41.20	38.17	≤54	PASS
				Peak	2483.500	-36.11	≤-21.20	59.09	≤74	PASS
				Peak	2483.520	-36.11	≤-21.20	59.09	≤74	PASS
				Peak	2500.000	-47.48	≤-21.20	47.72	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-48.92	≤-21.20	46.28	≤74	PASS
				Peak	2340.950	-46.87	≤-21.20	48.33	≤74	PASS
				Peak	2390.000	-47.7	≤-21.20	47.50	≤74	PASS
		High	Hop_2480	Peak	2483.500	-48.18	≤-21.20	47.02	≤74	PASS
				Peak	2484.960	-40.16	≤-21.20	55.04	≤74	PASS
				Peak	2500.000	-45.73	≤-21.20	49.47	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-57.96	≤-41.20	37.24	≤54	PASS
				AV	2386.835	-55.79	≤-41.20	39.41	≤54	PASS
				AV	2390.000	-57.02	≤-41.20	38.18	≤54	PASS
				Peak	2310.000	-48.81	≤-21.20	46.39	≤74	PASS
				Peak	2379.065	-33.72	≤-21.20	61.48	≤74	PASS
				Peak	2390.000	-47.43	≤-21.20	47.77	≤74	PASS
		High	2480	AV	2483.500	-55.43	≤-41.20	39.77	≤54	PASS
				AV	2483.520	-55.43	≤-41.20	39.77	≤54	PASS
				AV	2500.000	-57.08	≤-41.20	38.12	≤54	PASS
				Peak	2483.500	-37.29	≤-21.20	57.91	≤74	PASS
				Peak	2483.520	-37.29	≤-21.20	57.91	≤74	PASS
				Peak	2500.000	-48.22	≤-21.20	46.98	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-49.1	≤-21.20	46.10	≤74	PASS
				Peak	2318.375	-47.06	≤-21.20	48.14	≤74	PASS
				Peak	2390.000	-48.77	≤-21.20	46.43	≤74	PASS
		High	Hop_2480	Peak	2483.500	-47.13	≤-21.20	48.07	≤74	PASS
				Peak	2483.680	-40.93	≤-21.20	54.27	≤74	PASS
				Peak	2500.000	-47.63	≤-21.20	47.57	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-57.93	≤-41.20	37.27	≤54	PASS



				AV	2388.725	-57.33	≤ -41.20	37.87	≤ 54	PASS
				AV	2390.000	-57.54	≤ -41.20	37.66	≤ 54	PASS
				Peak	2310.000	-49.11	≤ -21.20	46.09	≤ 74	PASS
				Peak	2389.565	-45.66	≤ -21.20	49.54	≤ 74	PASS
				Peak	2390.000	-48.62	≤ -21.20	46.58	≤ 74	PASS
		High	2480	AV	2483.500	-55.56	≤ -41.20	39.64	≤ 54	PASS
				AV	2483.520	-55.56	≤ -41.20	39.64	≤ 54	PASS
				AV	2500.000	-57.02	≤ -41.20	38.18	≤ 54	PASS
				Peak	2483.500	-39.6	≤ -21.20	55.60	≤ 74	PASS
				Peak	2483.680	-38.54	≤ -21.20	56.66	≤ 74	PASS
				Peak	2500.000	-47.78	≤ -21.20	47.42	≤ 74	PASS
		Low	Hop_24 02	Peak	2310.000	-48.98	≤ -21.20	46.22	≤ 74	PASS
				Peak	2332.130	-46.75	≤ -21.20	48.45	≤ 74	PASS
				Peak	2390.000	-48.87	≤ -21.20	46.33	≤ 74	PASS
		High	Hop_24 80	Peak	2483.500	-45.08	≤ -21.20	50.12	≤ 74	PASS
				Peak	2484.320	-42.82	≤ -21.20	52.38	≤ 74	PASS
				Peak	2500.000	-47.5	≤ -21.20	47.70	≤ 74	PASS

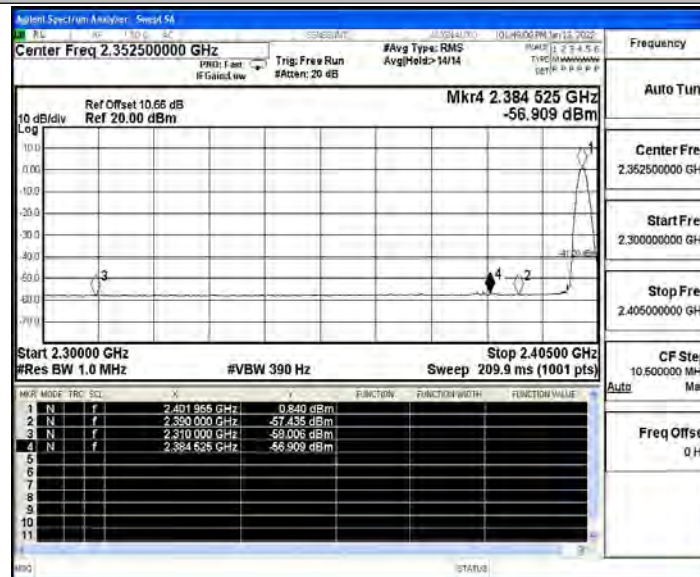
Note:

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.

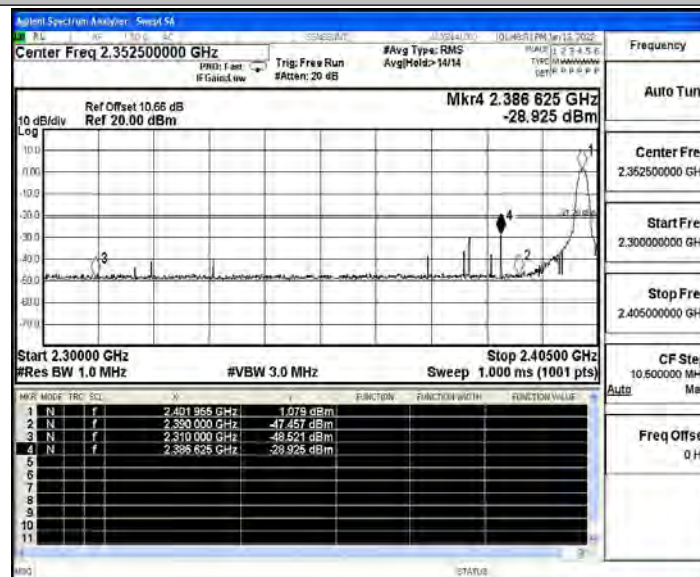


Test Graphs

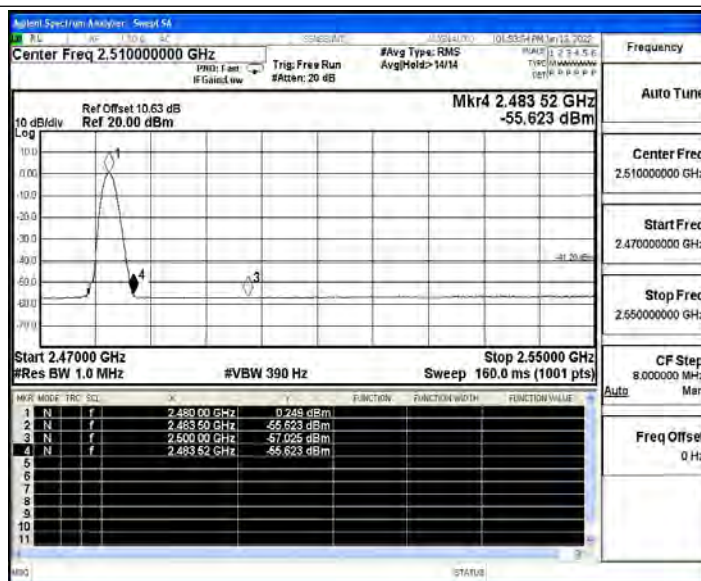
DH5_Ant1_Low_2402_AV



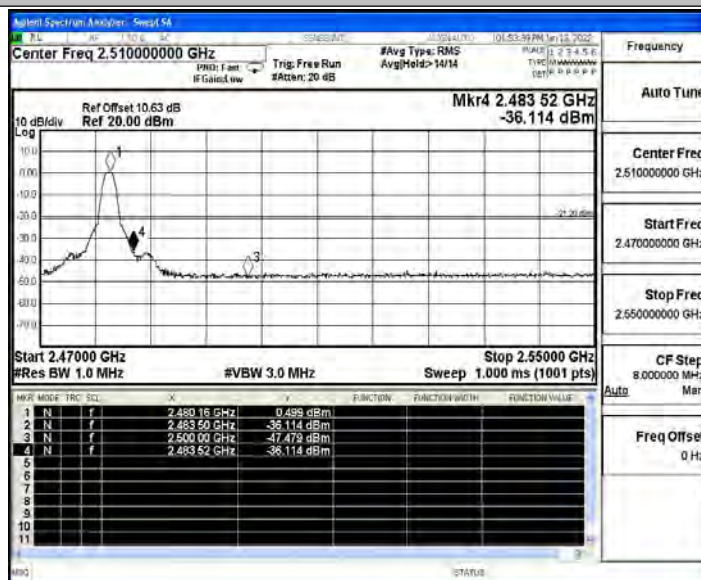
DH5_Ant1_Low_2402_Peak



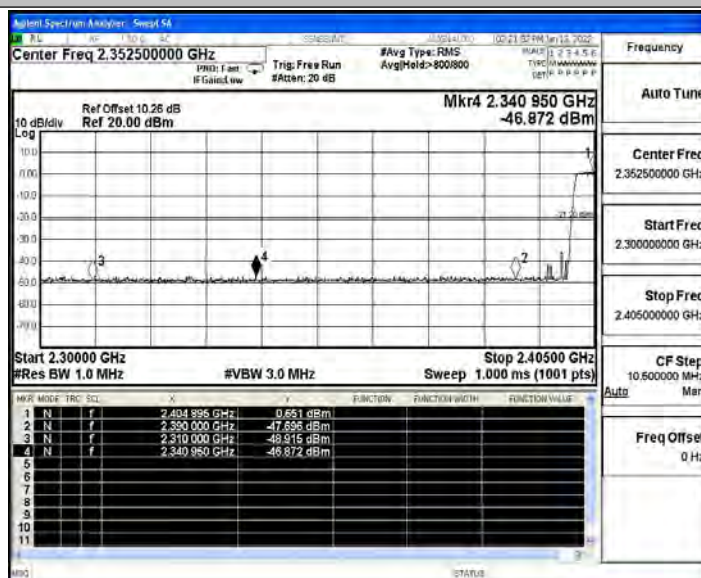
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

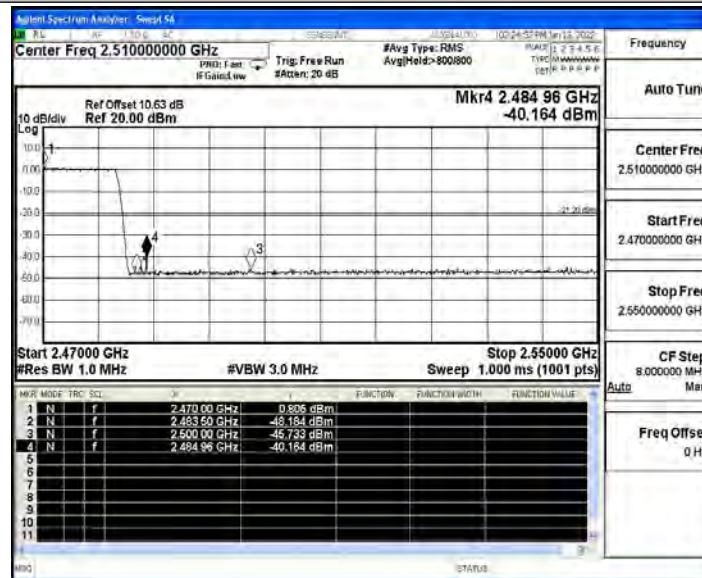


DH5_Ant1_Low_Hop_2402_Peak

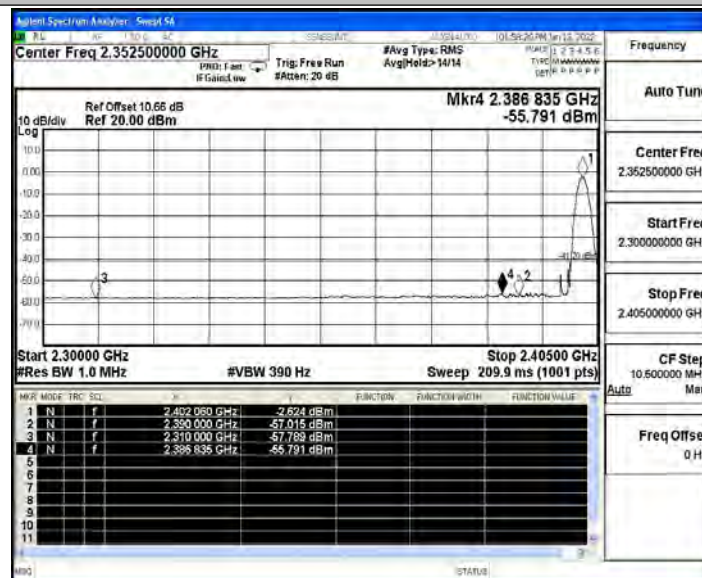




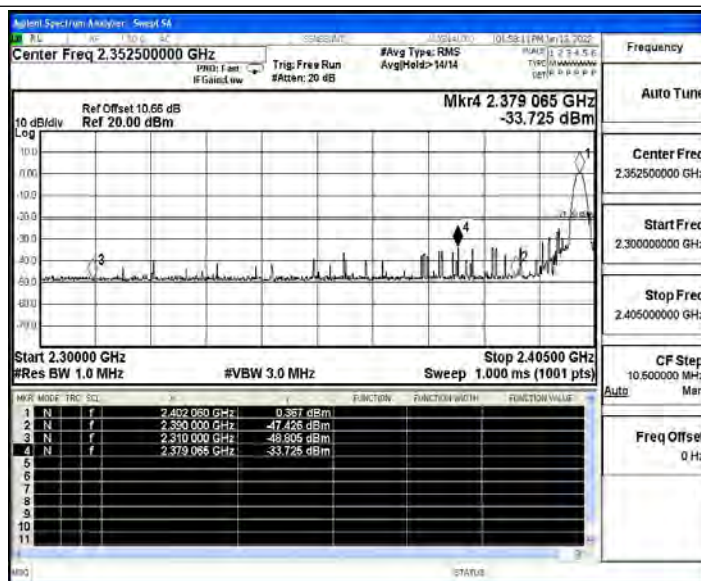
DH5_Ant1_High_Hop_2480_Peak



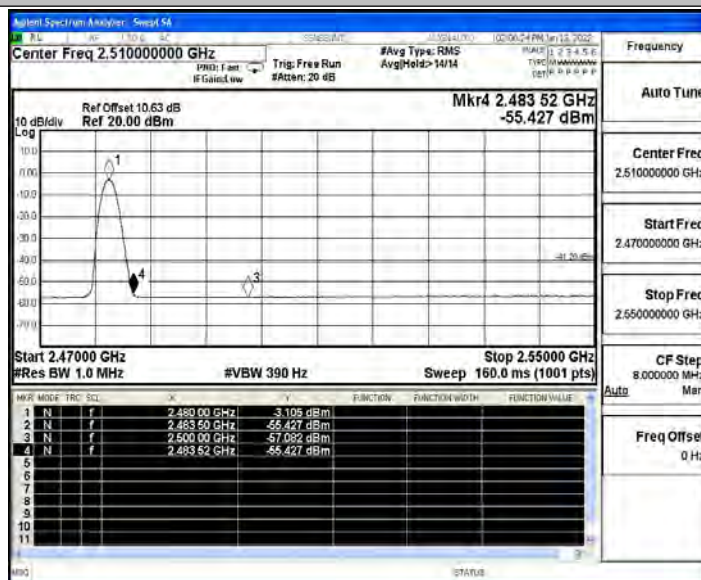
2DH5_Ant1_Low_2402_AV



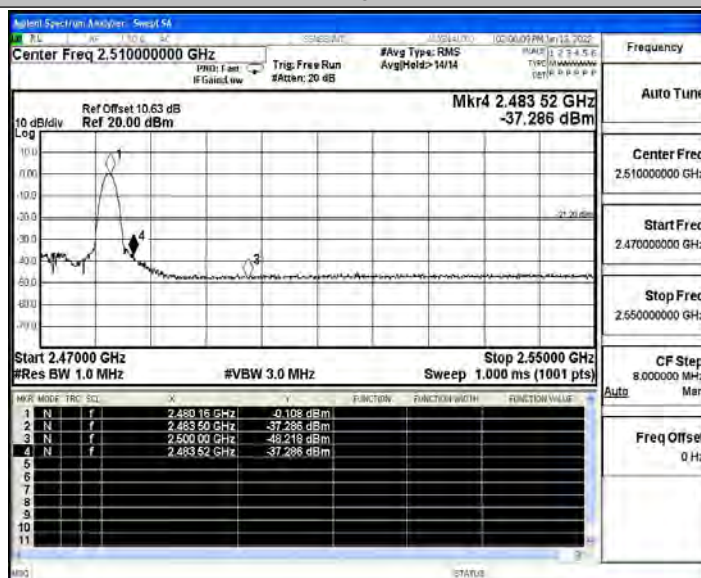
2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV

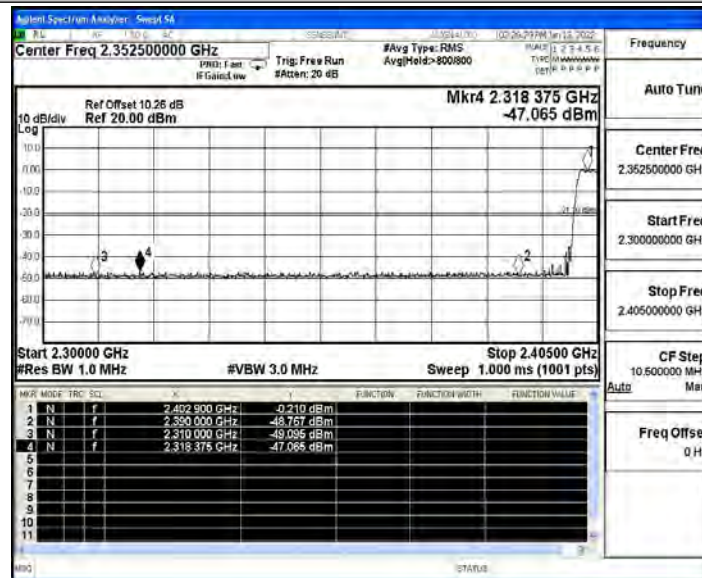


2DH5_Ant1_High_2480_Peak

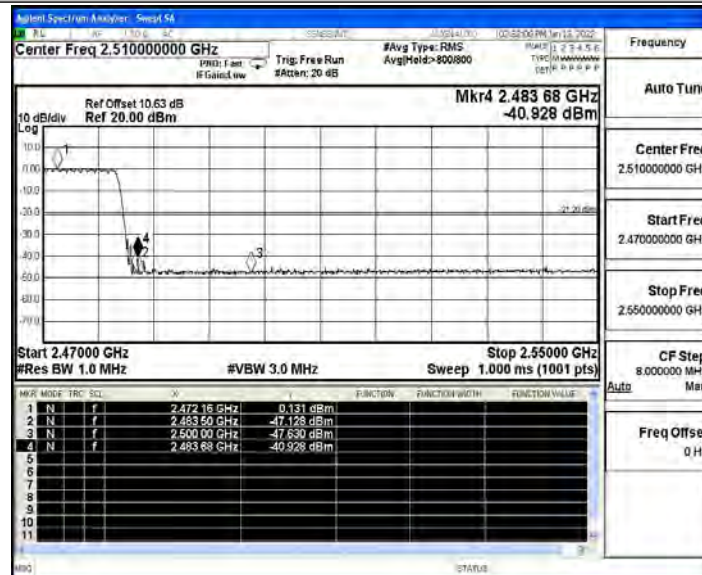




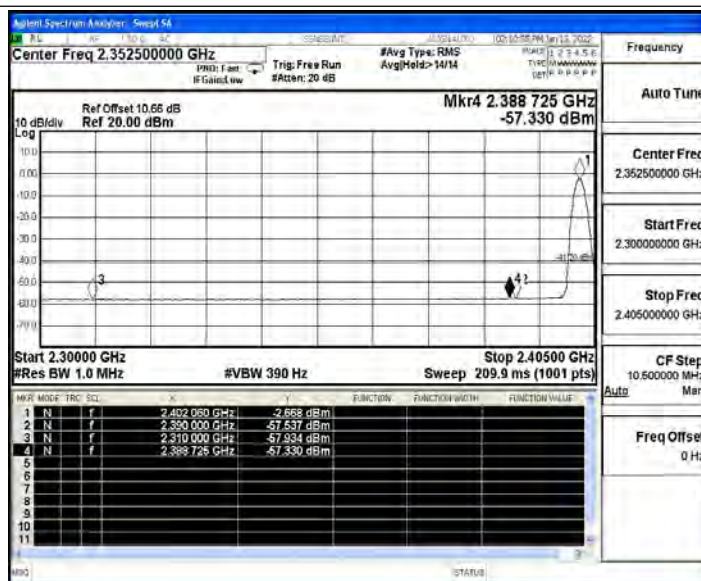
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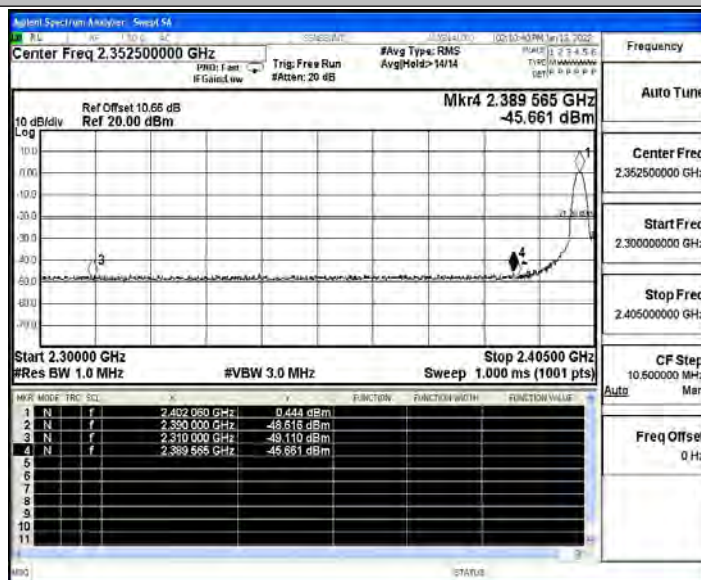
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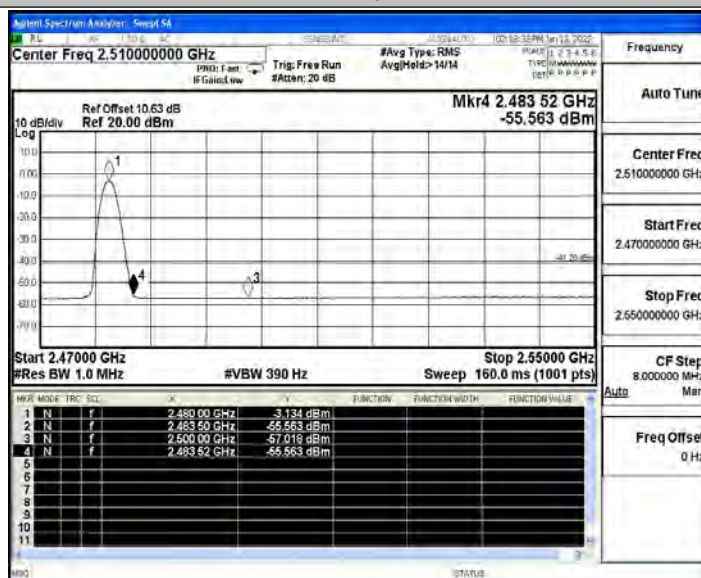
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak

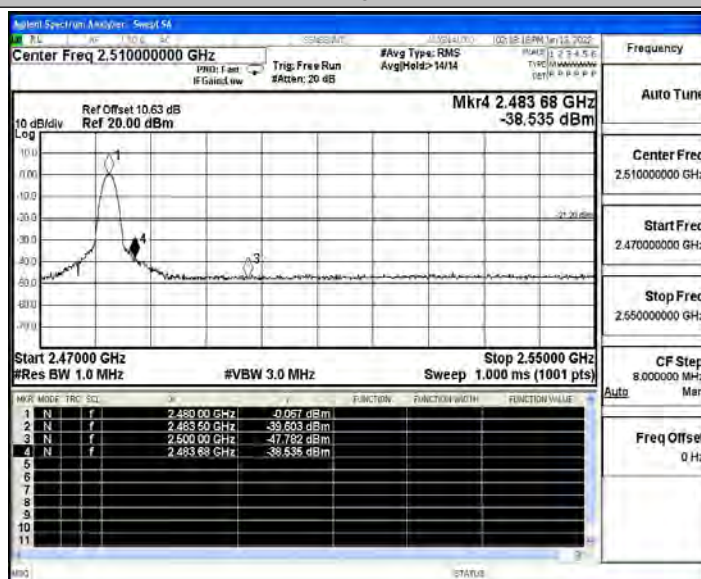


3DH5_Ant1_High_2480_AV

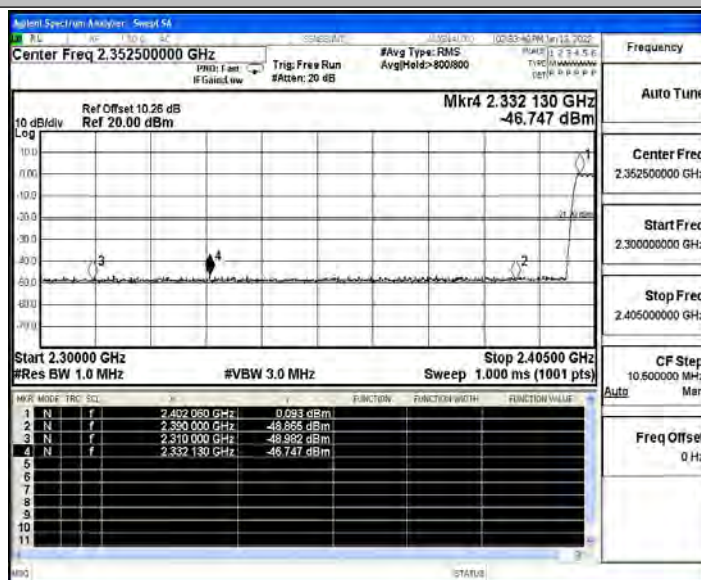




3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak



3DH5_Ant1_High_Hop_2480_Peak

