



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Notebook

Test Model: M116

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Bill Zhu
Supervised by:	Li Huan



A.1 20dB Emission Bandwidth

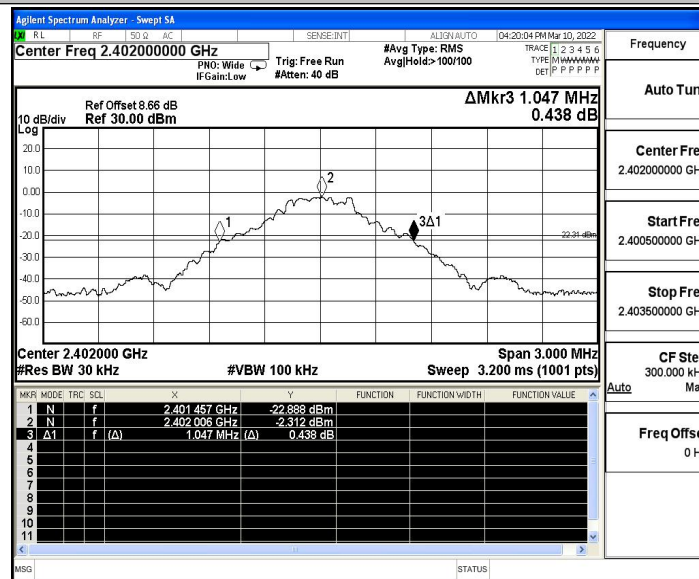
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.047	2401.457	2402.504	---	---
		2441	1.047	2440.457	2441.504	---	---
		2480	1.041	2479.460	2480.501	---	---
2DH5	Ant1	2402	1.293	2401.358	2402.651	---	---
		2441	1.293	2440.358	2441.651	---	---
		2480	1.290	2479.358	2480.648	---	---
3DH5	Ant1	2402	1.290	2401.349	2402.639	---	---
		2441	1.311	2440.340	2441.651	---	---
		2480	1.305	2479.343	2480.648	---	---

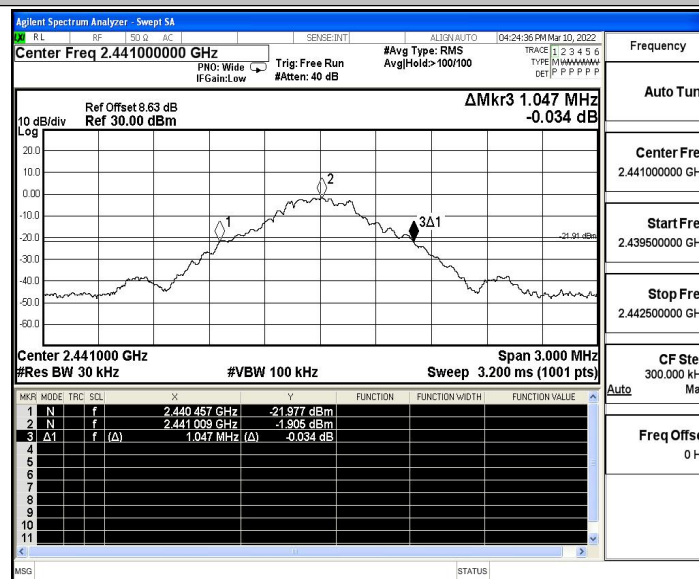


Test Graphs

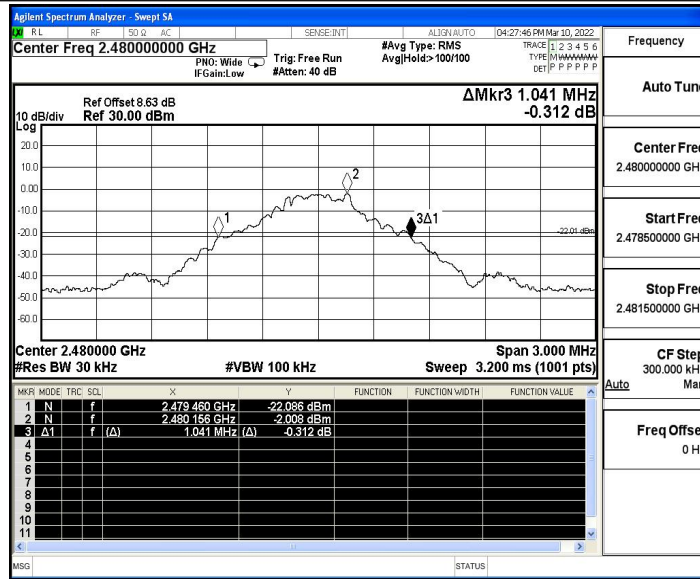
DH5_Ant1_2402



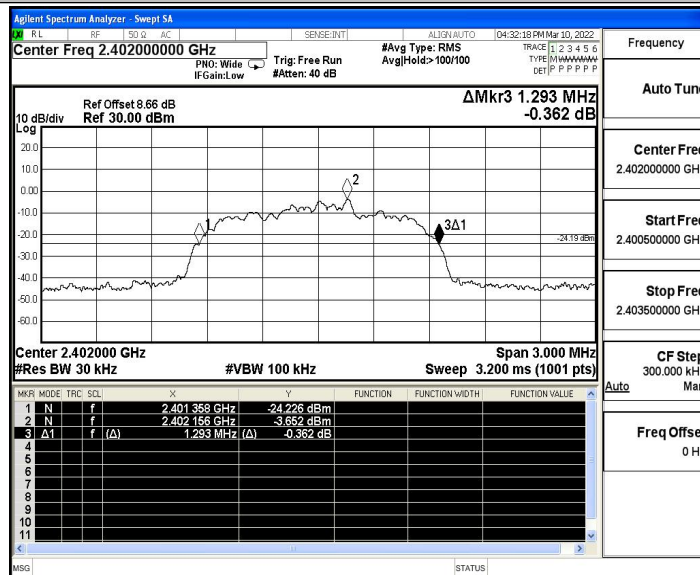
DH5_Ant1_2441



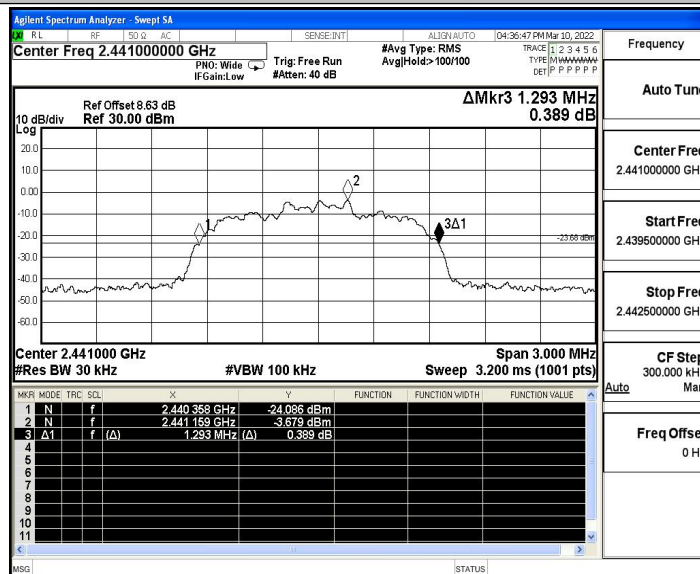
DH5_Ant1_2480



2DH5_Ant1_2402

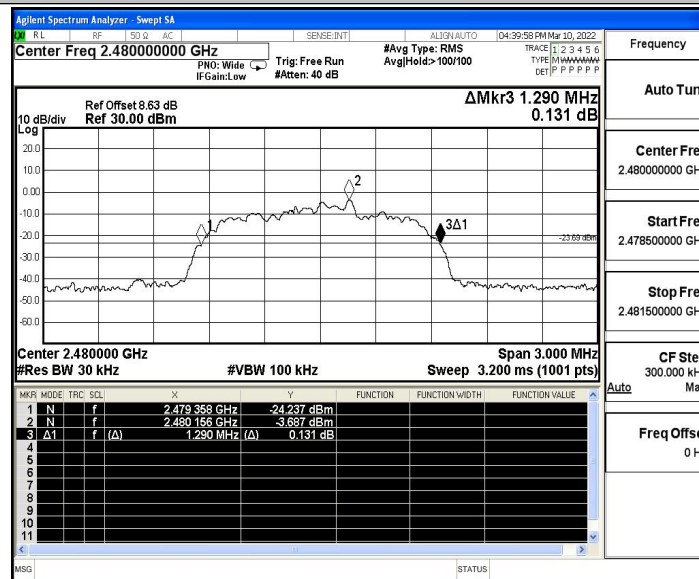


2DH5_Ant1_2441

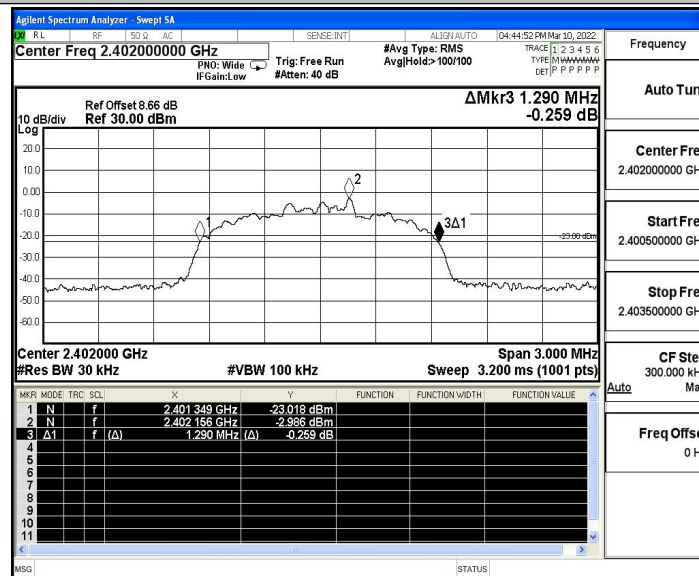




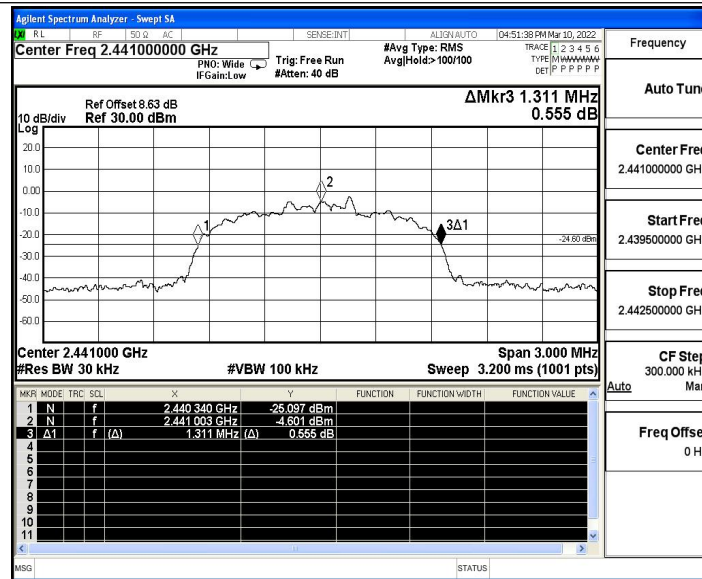
2DH5_Ant1_2480



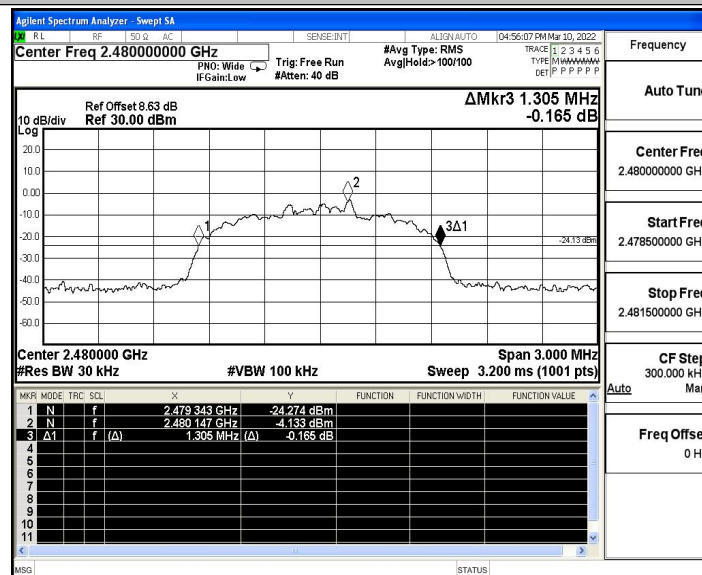
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





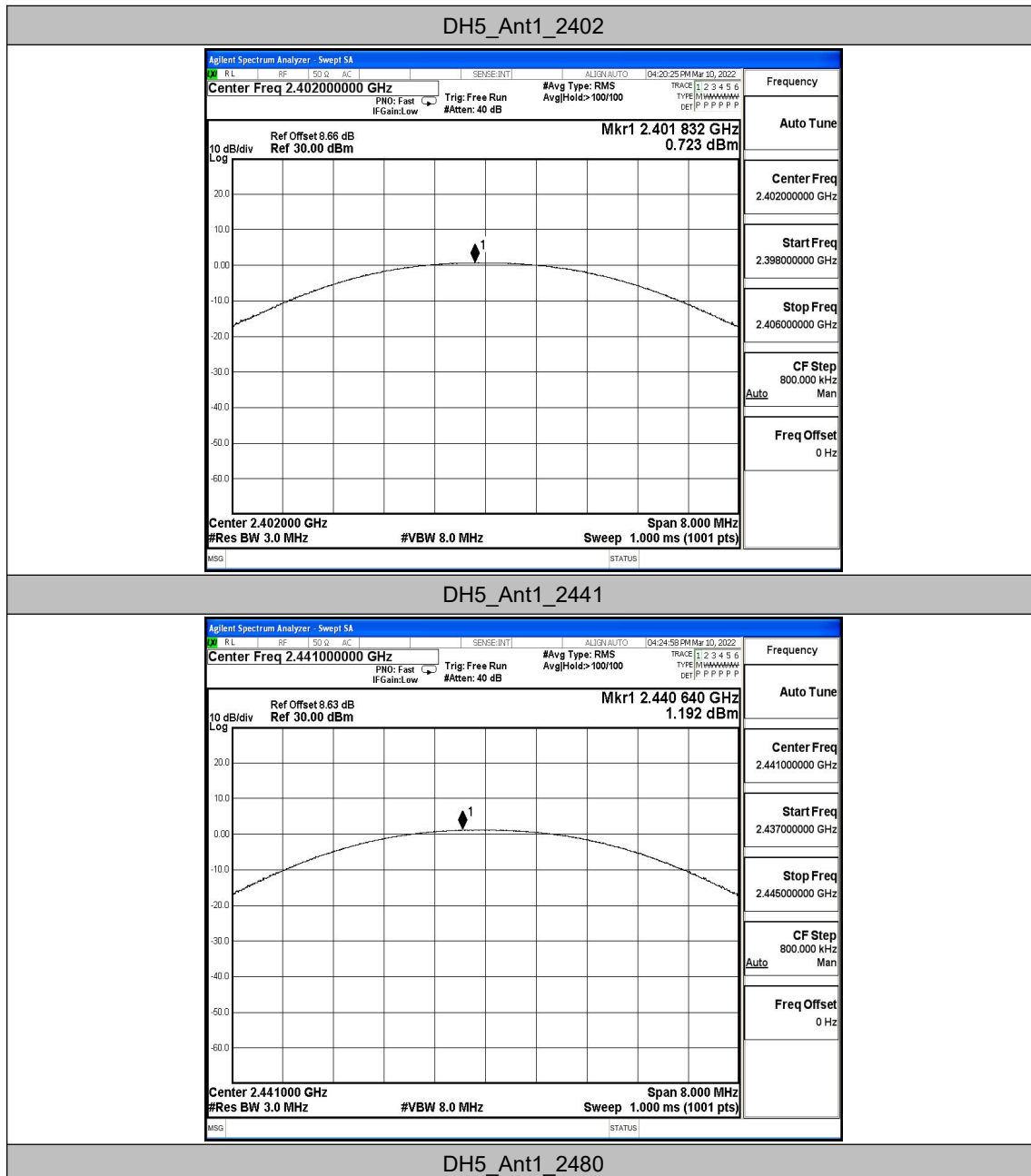
A.2 Maximum conducted output power

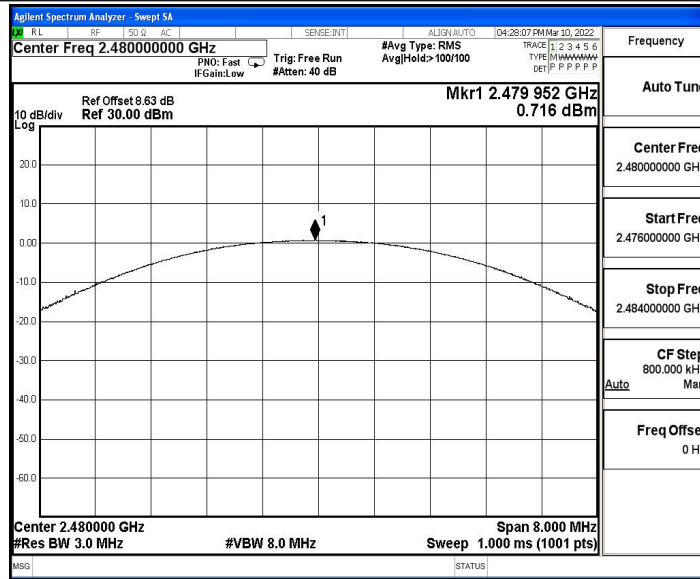
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.72	≤ 20.97	PASS
		2441	1.19	≤ 20.97	PASS
		2480	0.72	≤ 20.97	PASS
2DH5	Ant1	2402	0.51	≤ 20.97	PASS
		2441	0.86	≤ 20.97	PASS
		2480	0.5	≤ 20.97	PASS
3DH5	Ant1	2402	0.61	≤ 20.97	PASS
		2441	1.08	≤ 20.97	PASS
		2480	0.53	≤ 20.97	PASS

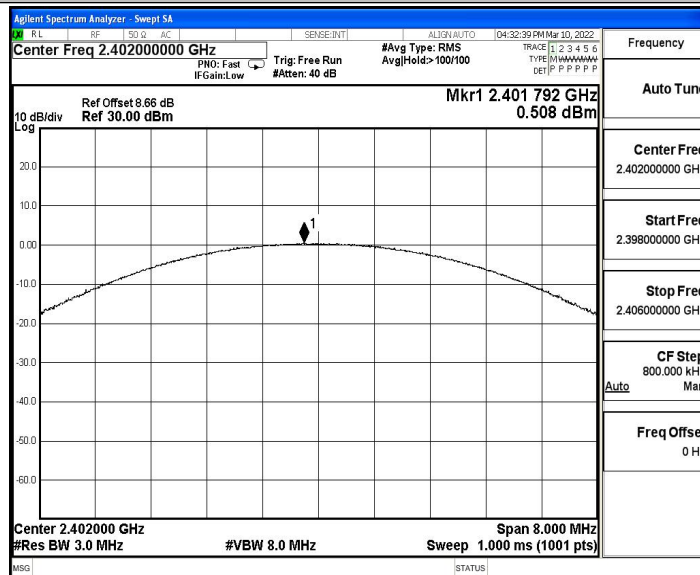


Test Graphs

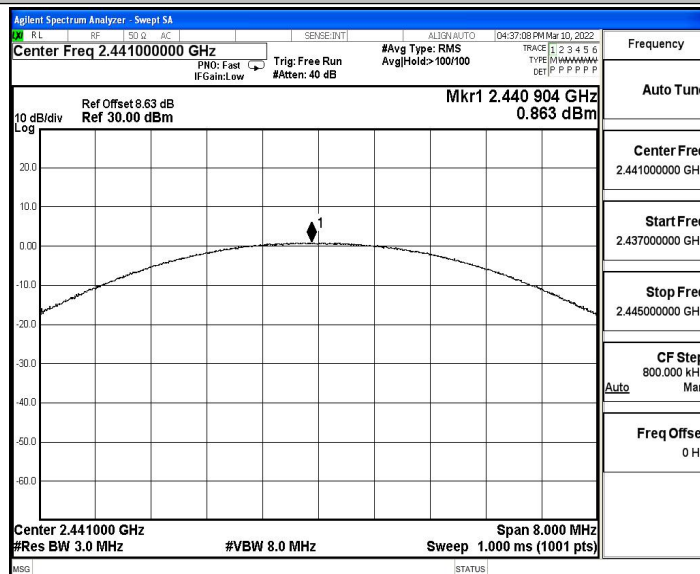




2DH5_Ant1_2402

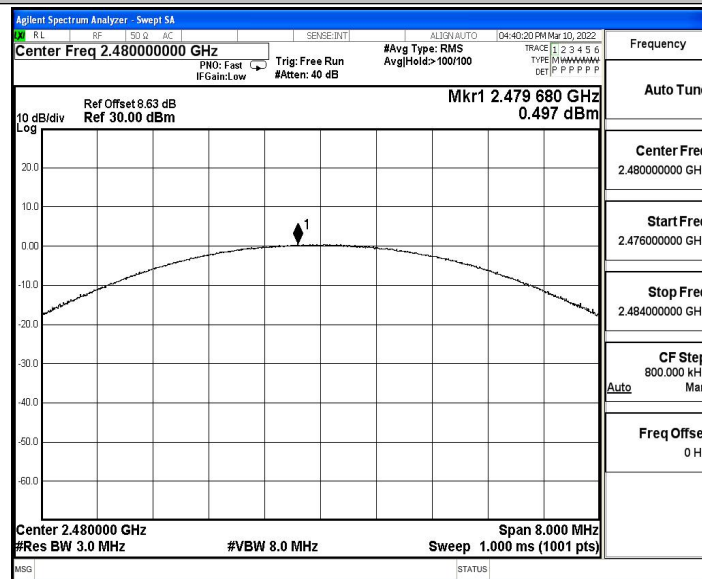


2DH5_Ant1_2441

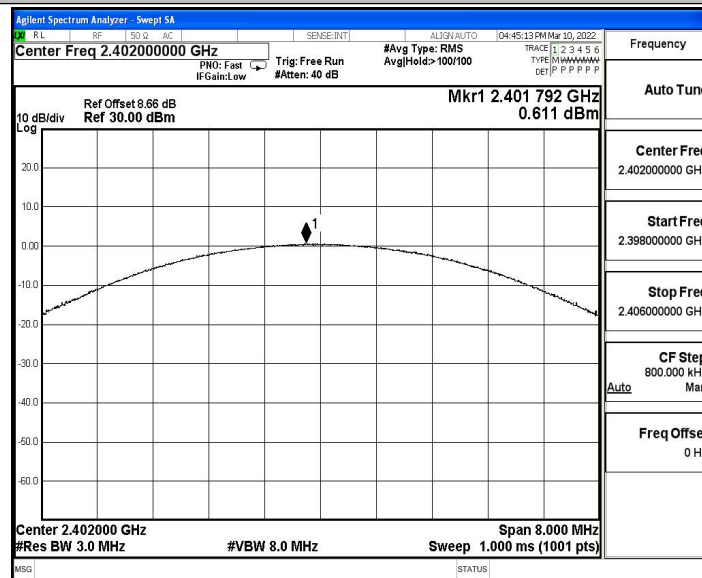




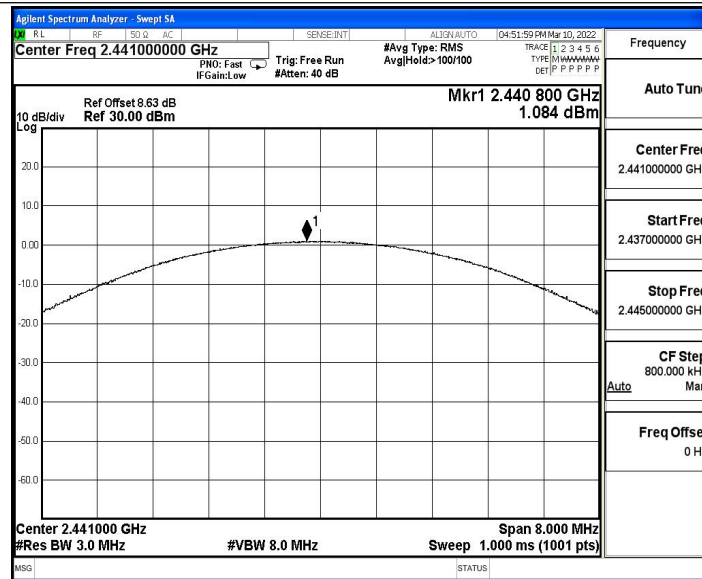
2DH5_Ant1_2480



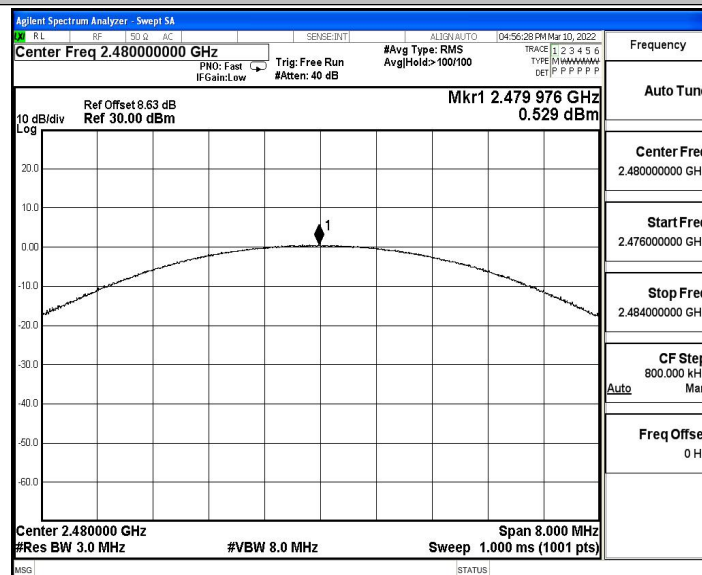
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

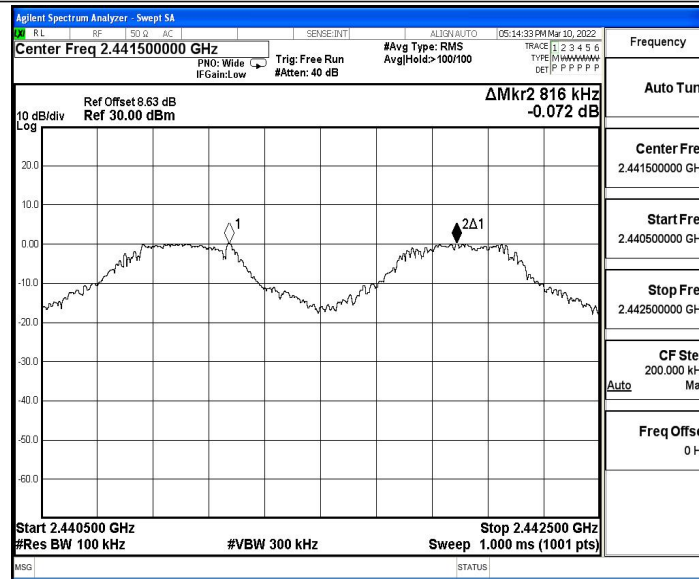
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.816	≥ 0.698	PASS
2DH5	Ant1	Hop	0.914	≥ 0.862	PASS
3DH5	Ant1	Hop	0.984	≥ 0.874	PASS

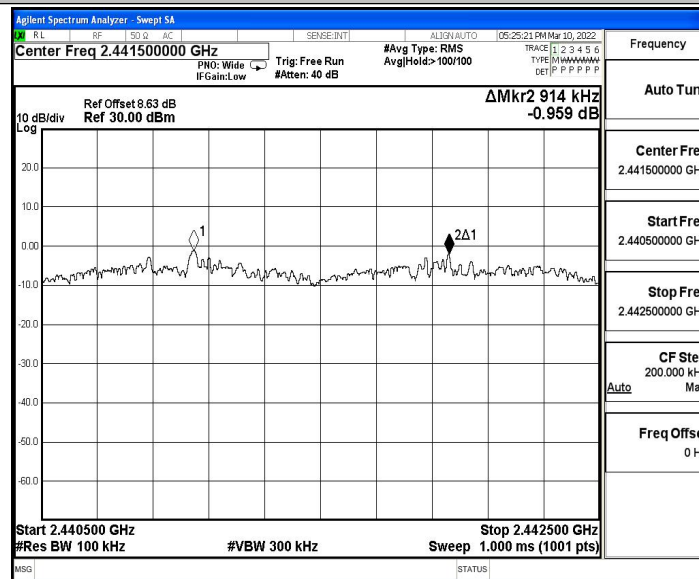


Test Graphs

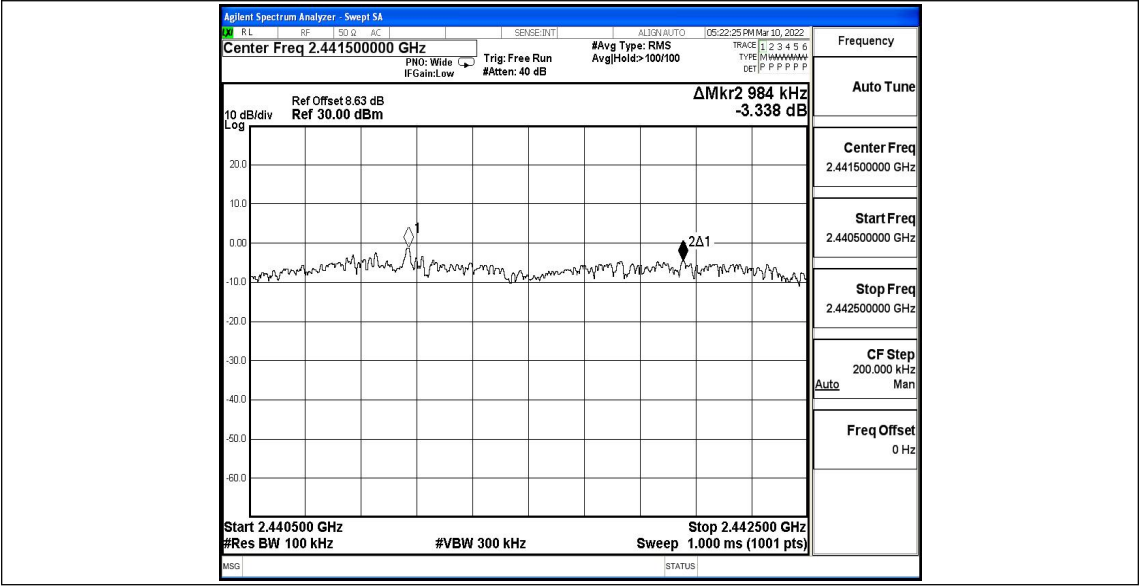
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

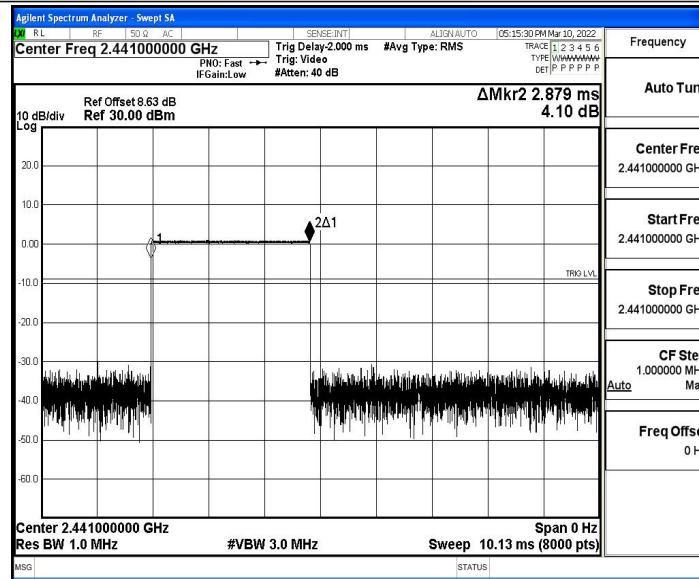
Test Result

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	2.88	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.88	106.67	0.308	≤0.4	PASS

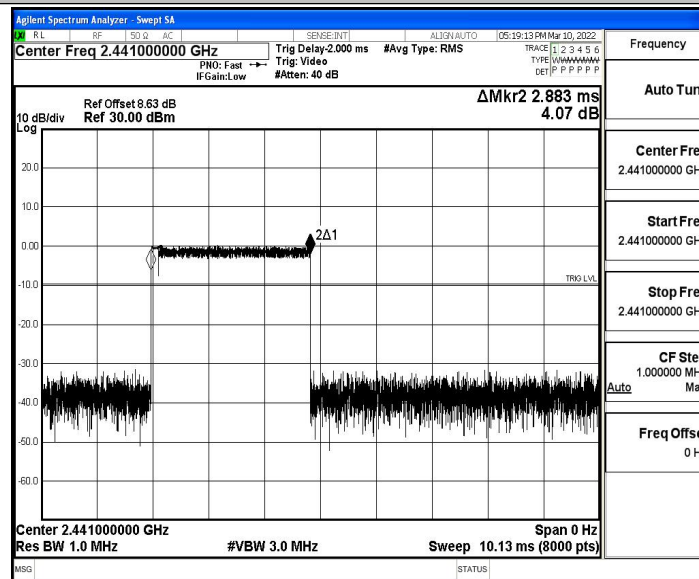


Test Graphs

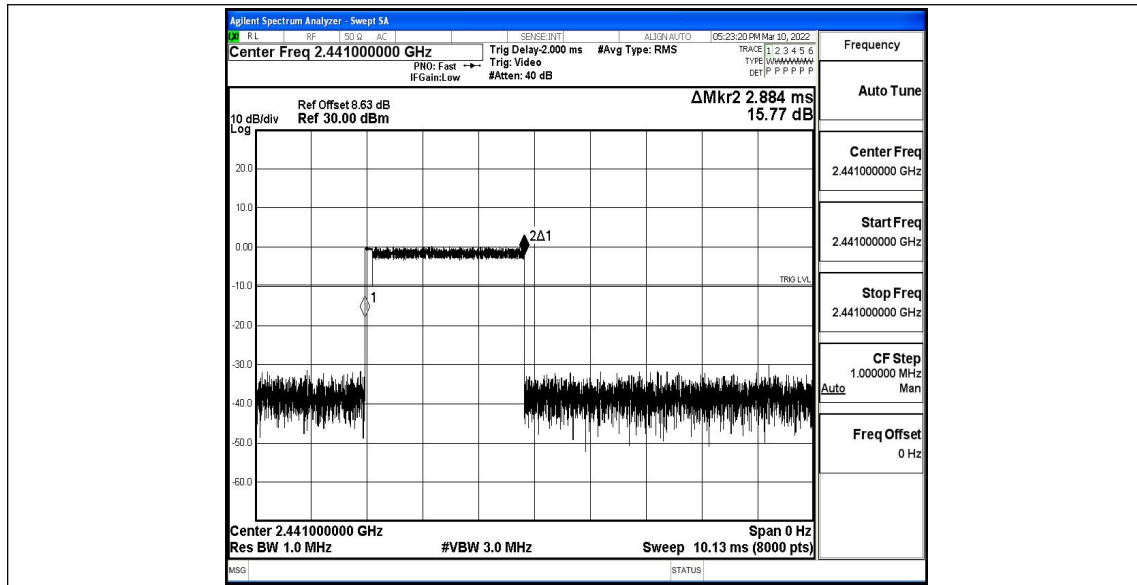
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.5 Number of hopping channels

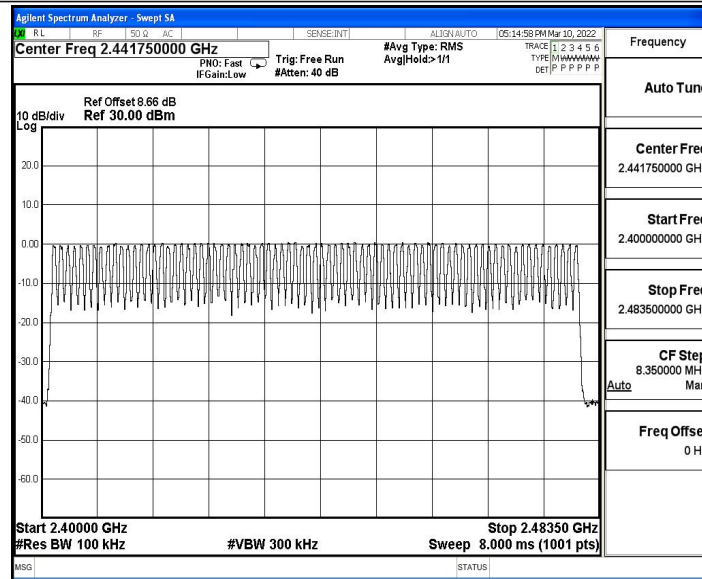
Test Result

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

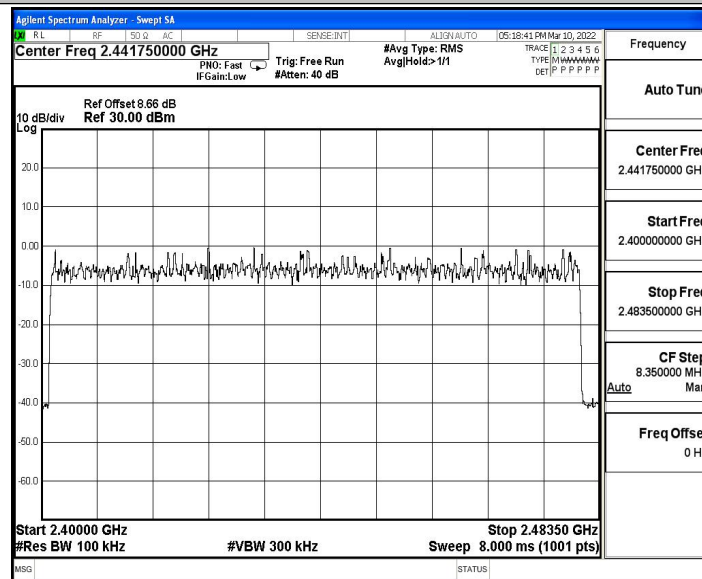


Test Graphs

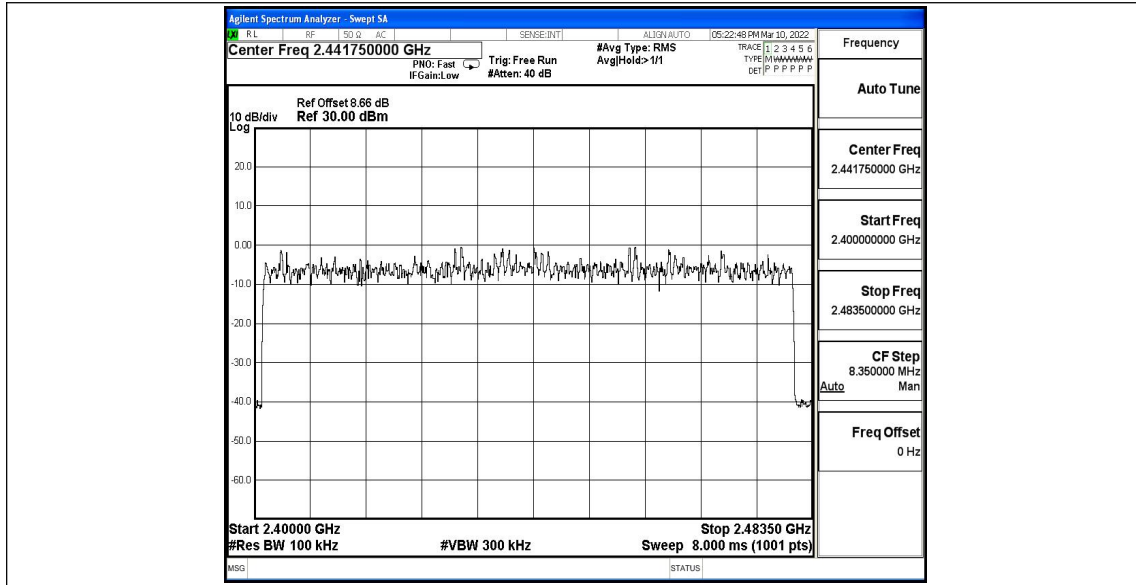
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

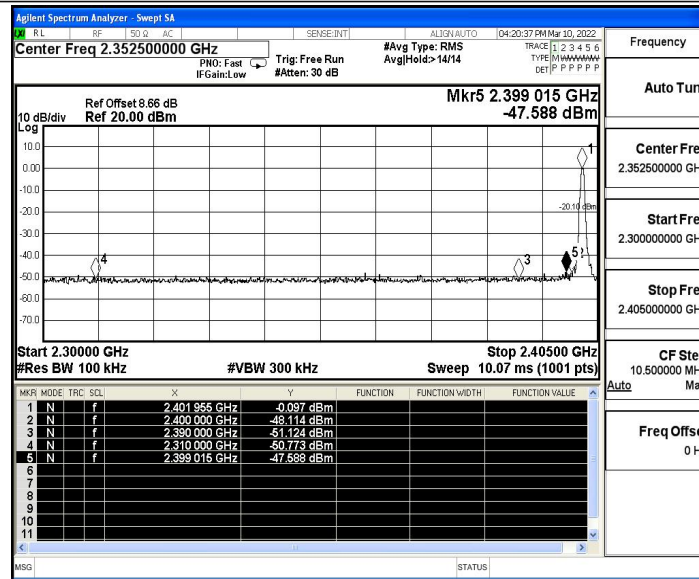
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.10	-47.59	≤ -20.1	PASS
		High	2480	0.13	-48.44	≤ -19.87	PASS
		Low	Hop_2402	-0.52	-49.26	≤ -20.52	PASS
		High	Hop_2480	-0.03	-47.6	≤ -20.03	PASS
2DH5	Ant1	Low	2402	-1.58	-49	≤ -21.58	PASS
		High	2480	-0.82	-47.39	≤ -20.82	PASS
		Low	Hop_2402	-6.06	-49.48	≤ -26.06	PASS
		High	Hop_2480	-2.27	-47.25	≤ -22.27	PASS
3DH5	Ant1	Low	2402	-0.82	-49.15	≤ -20.82	PASS
		High	2480	-0.88	-48.12	≤ -20.88	PASS
		Low	Hop_2402	-3.58	-49.39	≤ -23.58	PASS
		High	Hop_2480	-0.79	-47.61	≤ -20.79	PASS

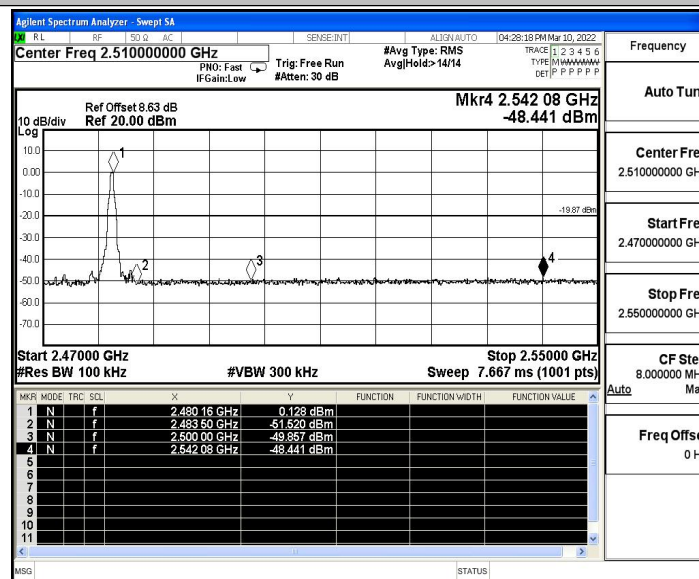


Test Graphs

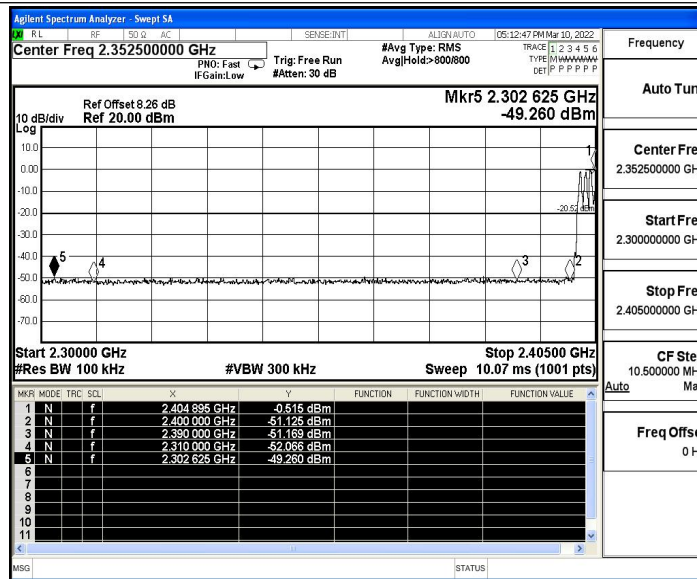
DH5_Ant1_Low_2402



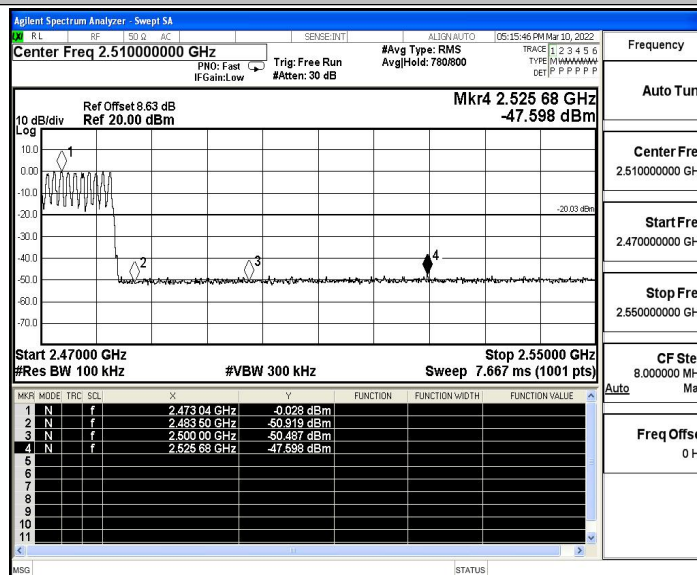
DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402

