



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Poco X403

Test Model: Poco X403

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Monkey Li
Supervised by:	 Li Huan



A.1 20dB Emission Bandwidth

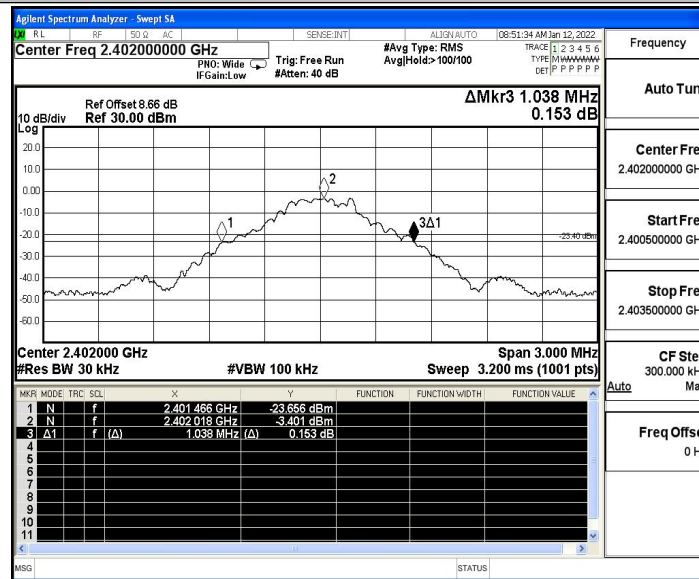
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.038	2401.466	2402.504	---	---
		2441	1.044	2440.463	2441.507	---	---
		2480	1.038	2479.466	2480.504	---	---
2DH5	Ant1	2402	1.320	2401.340	2402.660	---	---
		2441	1.323	2440.340	2441.663	---	---
		2480	1.293	2479.361	2480.654	---	---
3DH5	Ant1	2402	1.305	2401.349	2402.654	---	---
		2441	1.296	2440.352	2441.648	---	---
		2480	1.299	2479.349	2480.648	---	---

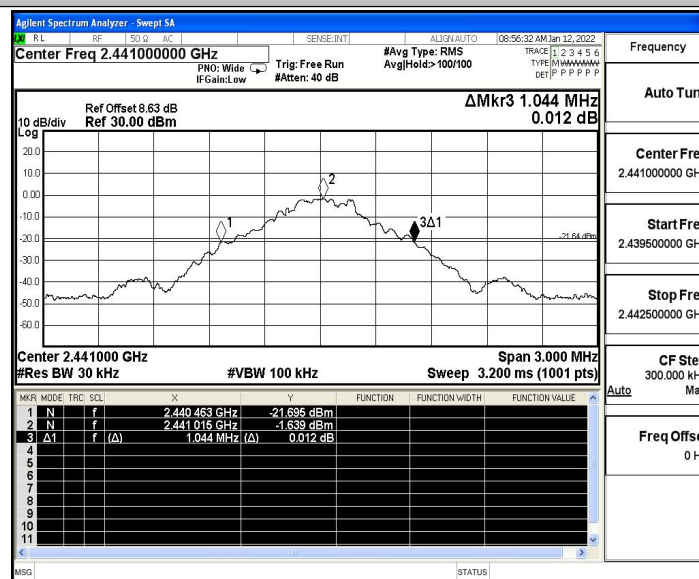


Test Graphs

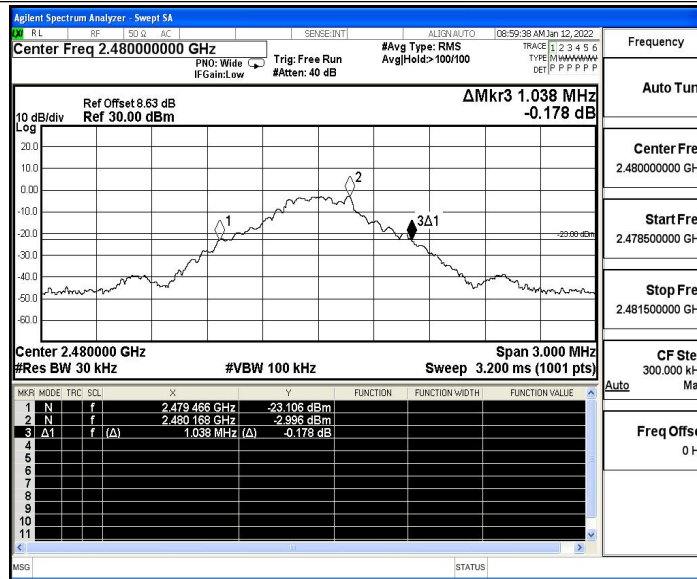
DH5_Ant1_2402



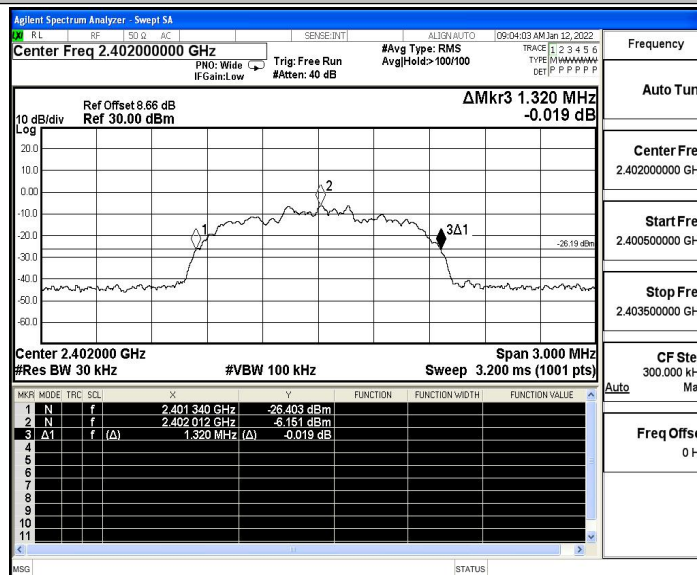
DH5_Ant1_2441



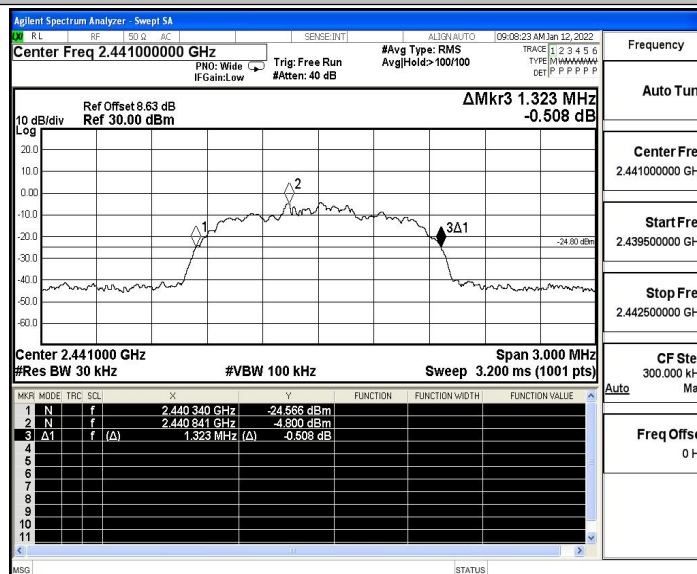
DH5_Ant1_2480



2DH5_Ant1_2402

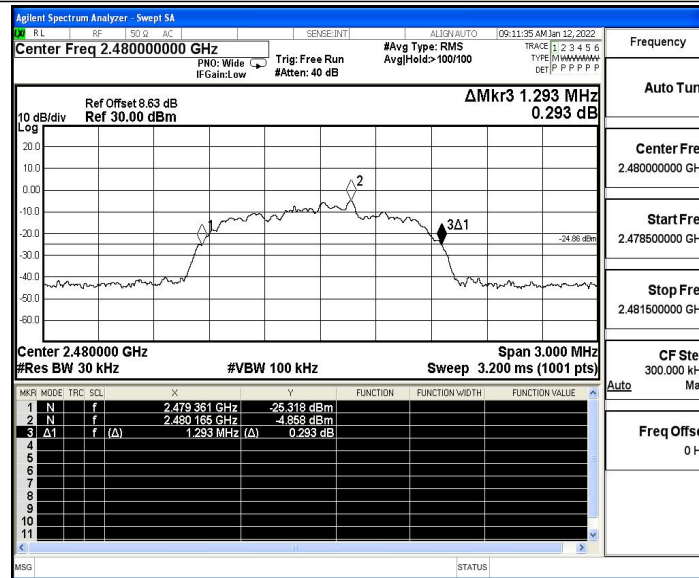


2DH5_Ant1_2441

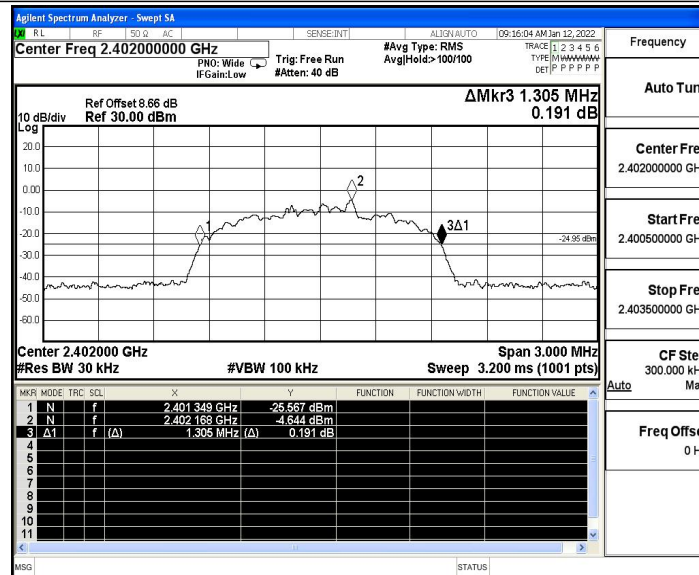




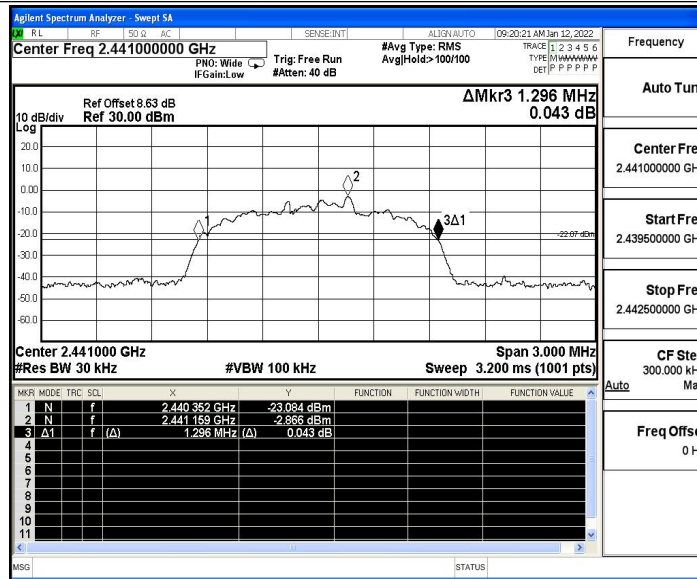
2DH5_Ant1_2480



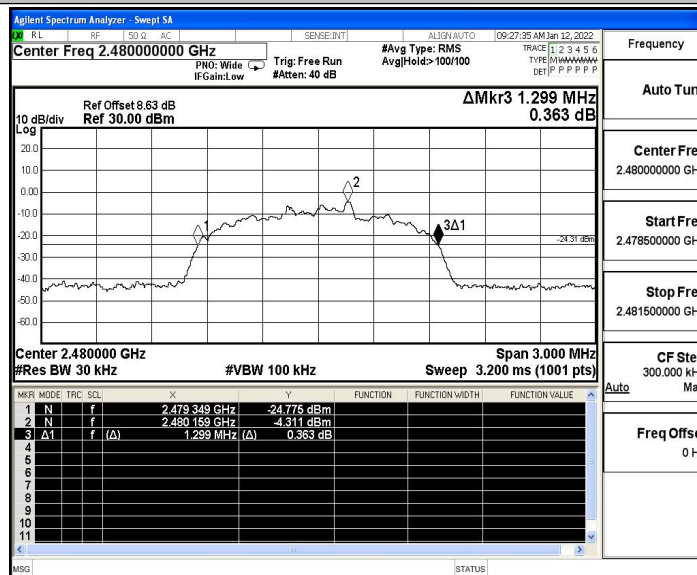
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

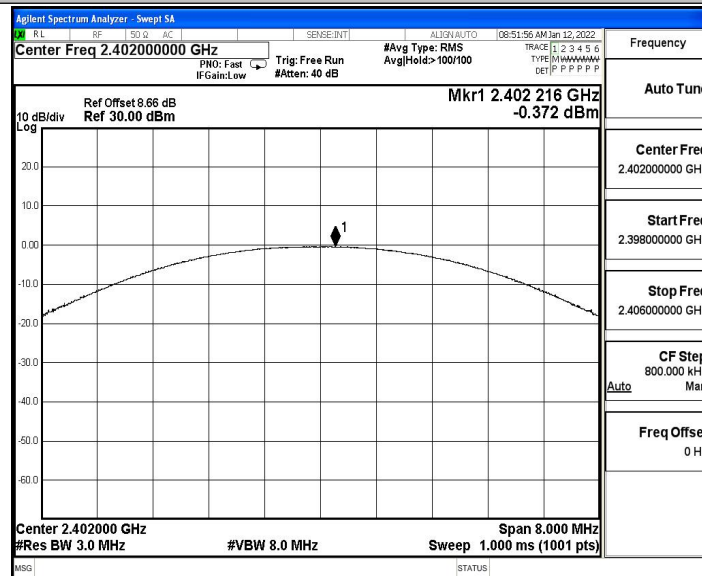
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-0.37	≤20.97	PASS
		2441	1.34	≤20.97	PASS
		2480	-0.02	≤20.97	PASS
2DH5	Ant1	2402	-1.33	≤20.97	PASS
		2441	0.37	≤20.97	PASS
		2480	-0.93	≤20.97	PASS
3DH5	Ant1	2402	-1.09	≤20.97	PASS
		2441	0.61	≤20.97	PASS
		2480	-0.72	≤20.97	PASS

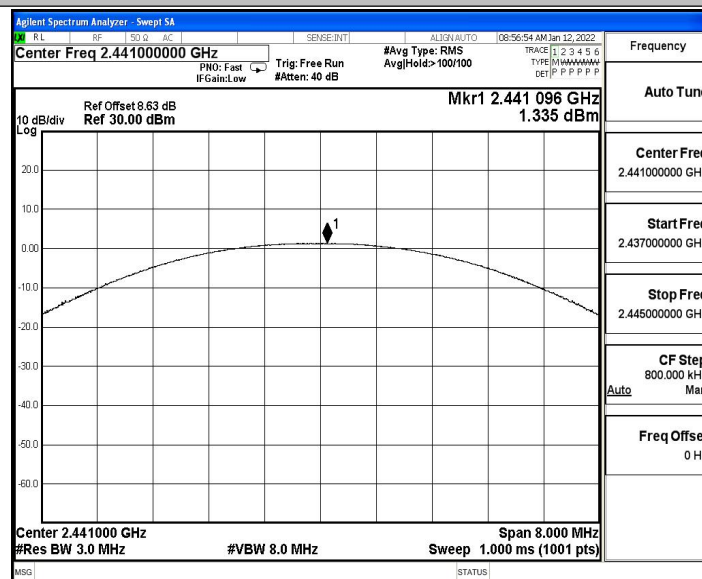


Test Graphs

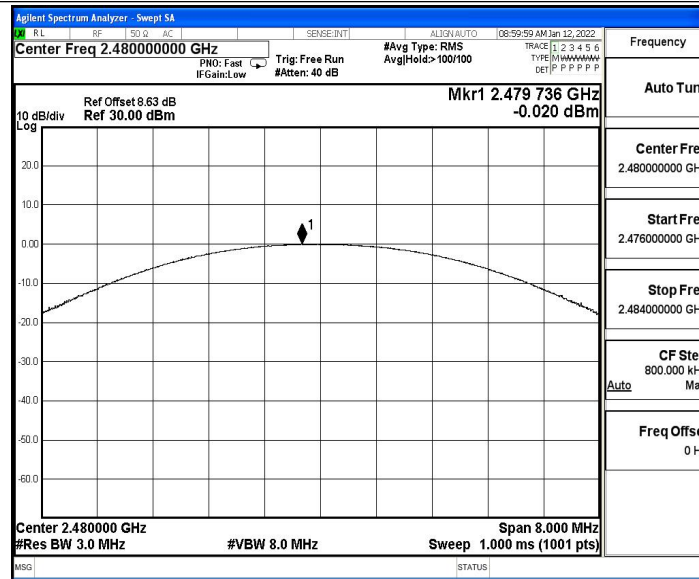
DH5_Ant1_2402



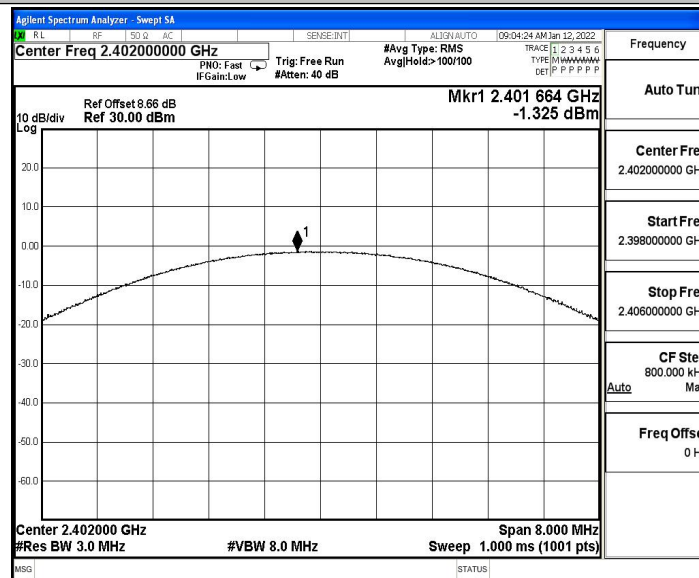
DH5_Ant1_2441



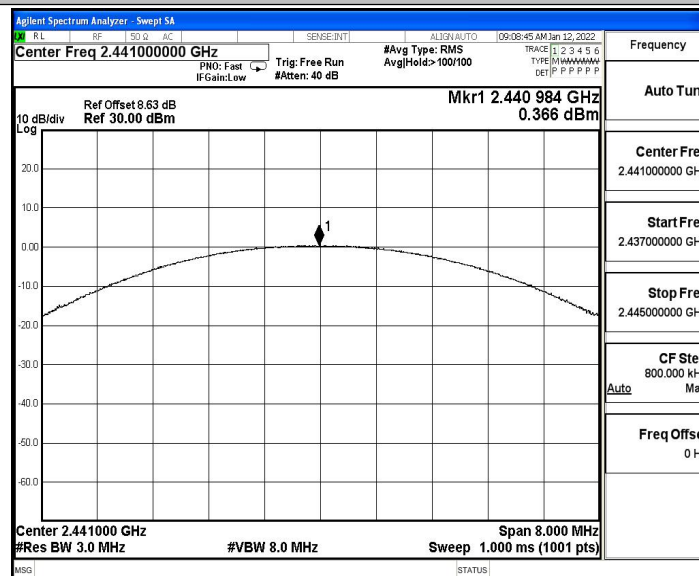
DH5_Ant1_2480



2DH5_Ant1_2402

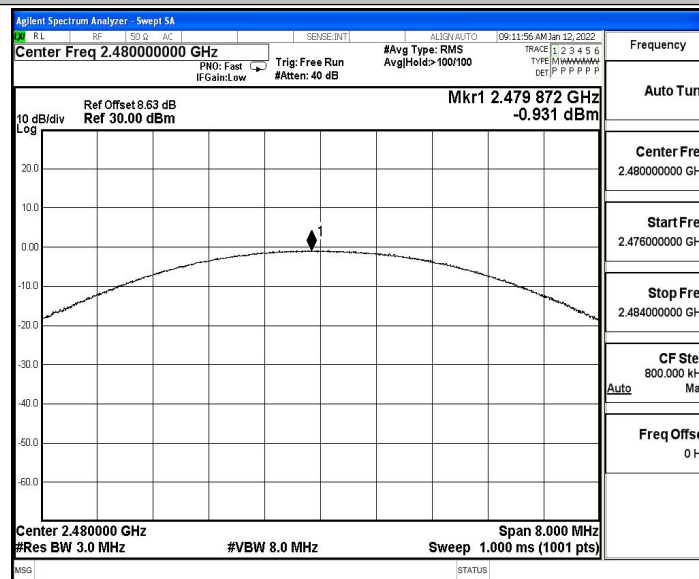


2DH5_Ant1_2441

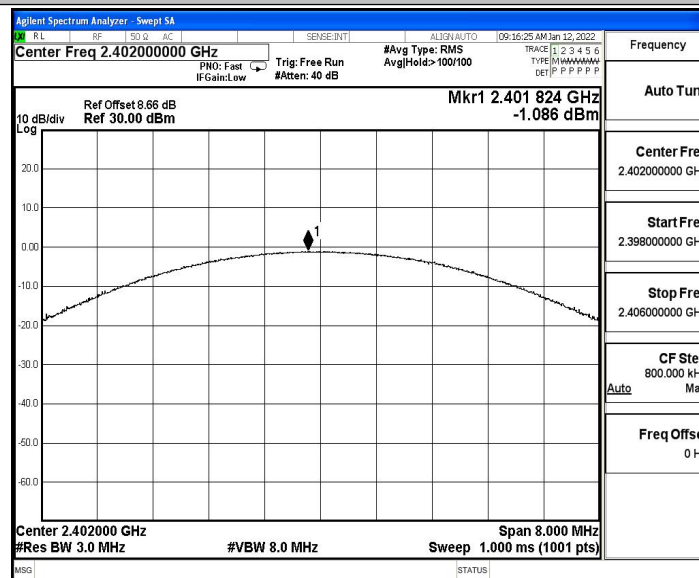




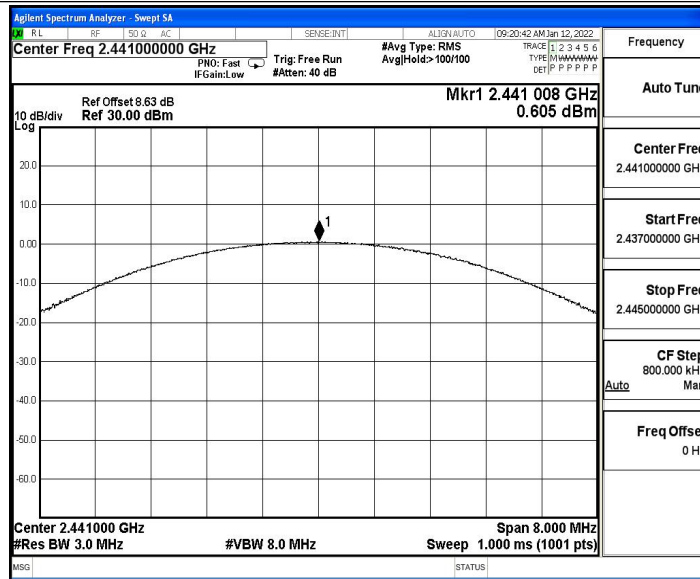
2DH5_Ant1_2480



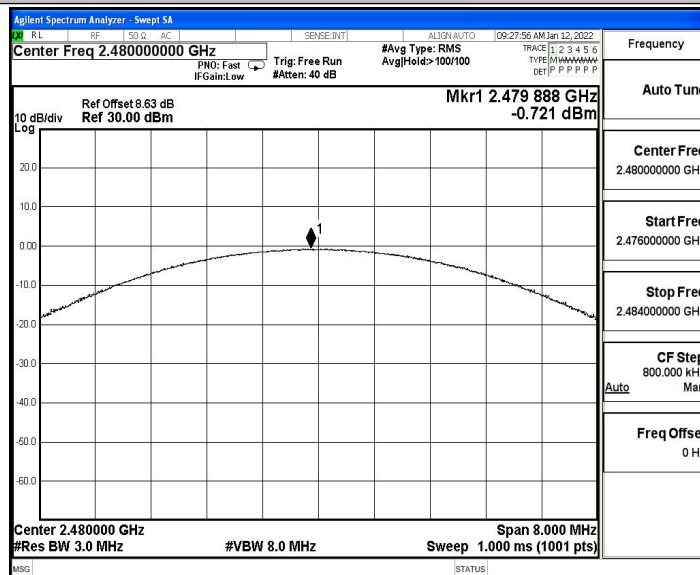
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

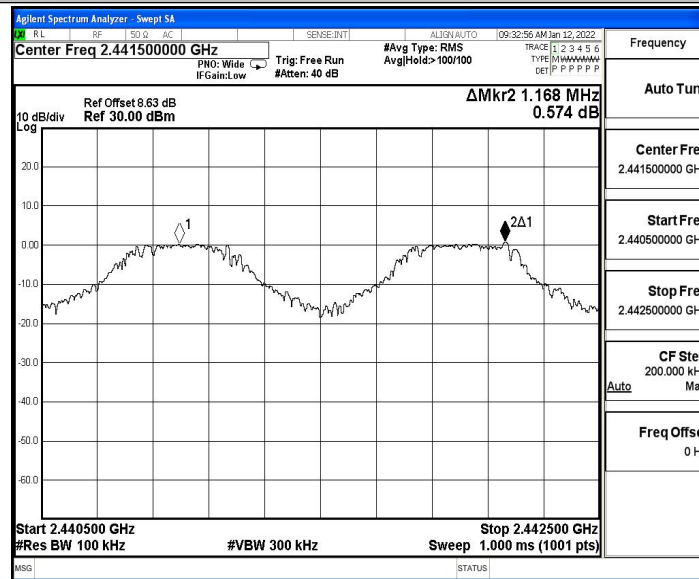
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.168	≥ 0.696	PASS
2DH5	Ant1	Hop	1.132	≥ 0.882	PASS
3DH5	Ant1	Hop	1.006	≥ 0.870	PASS

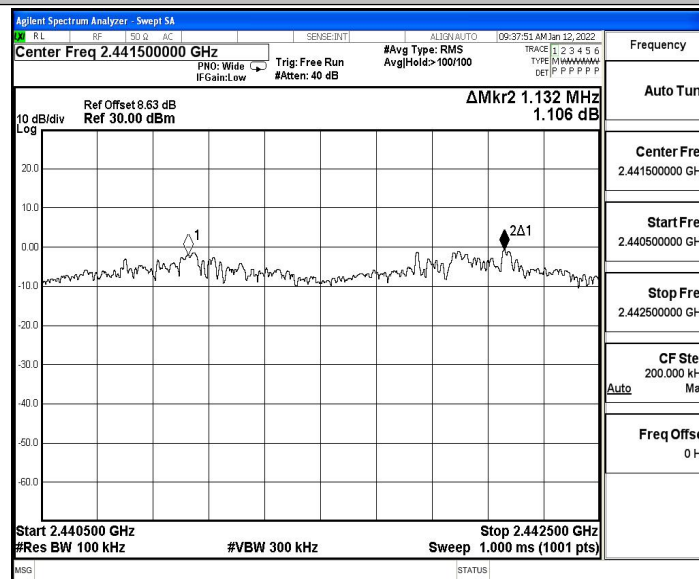


Test Graphs

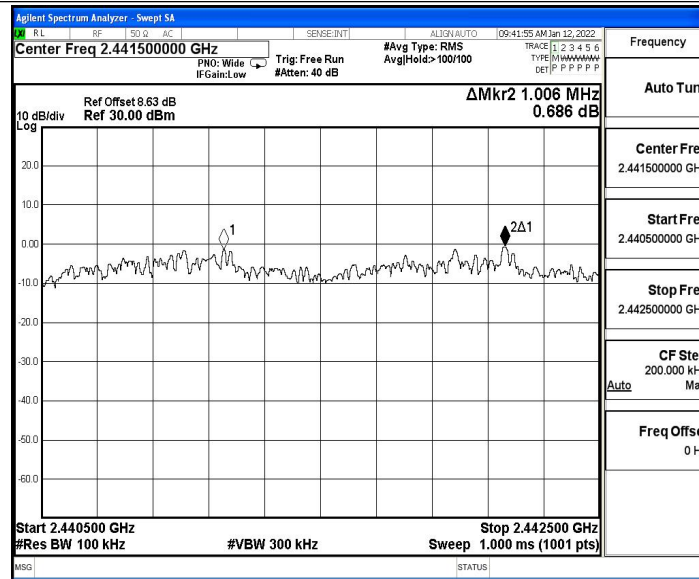
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

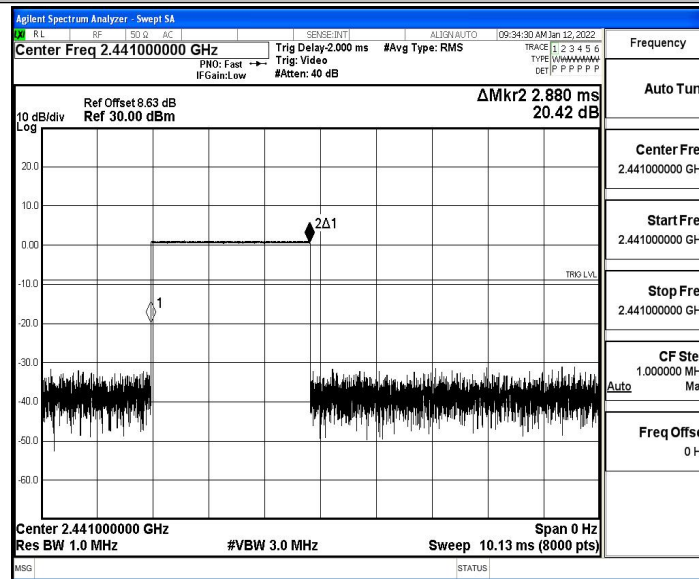
Test Result

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	2.89	106.67	0.308	≤0.4	PASS

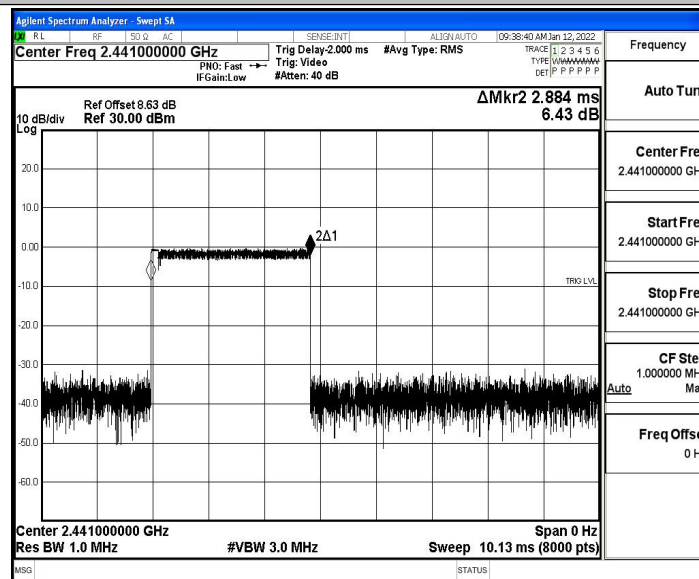


Test Graphs

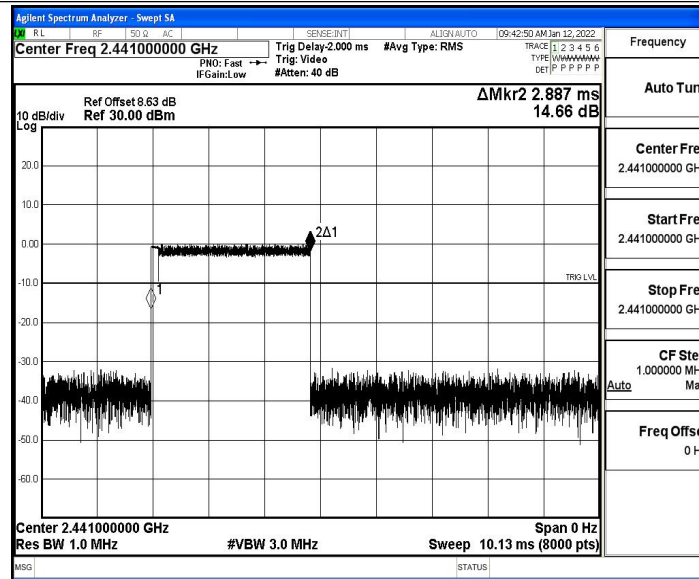
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.5 Number of hopping channels

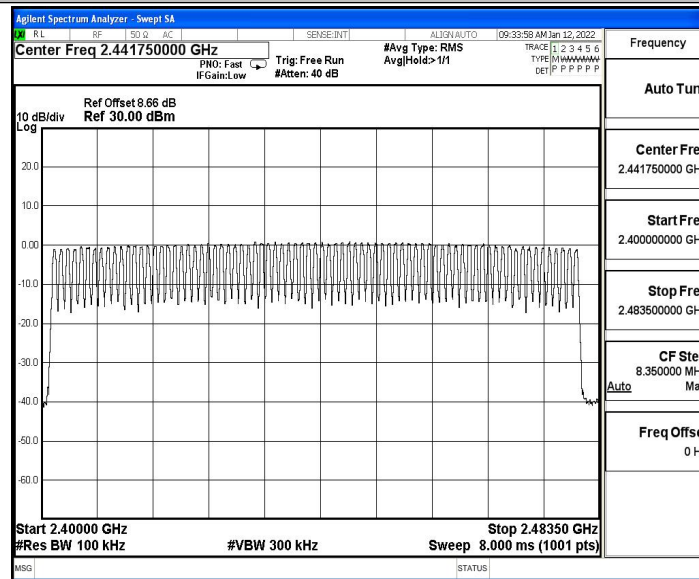
Test Result

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

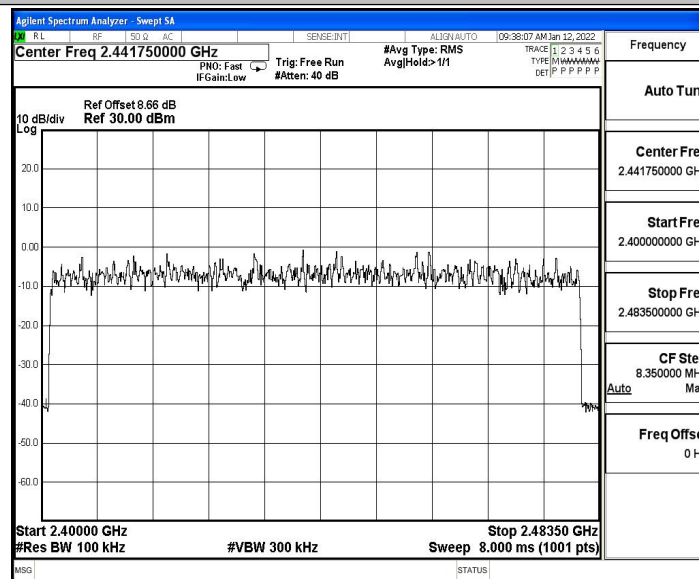


Test Graphs

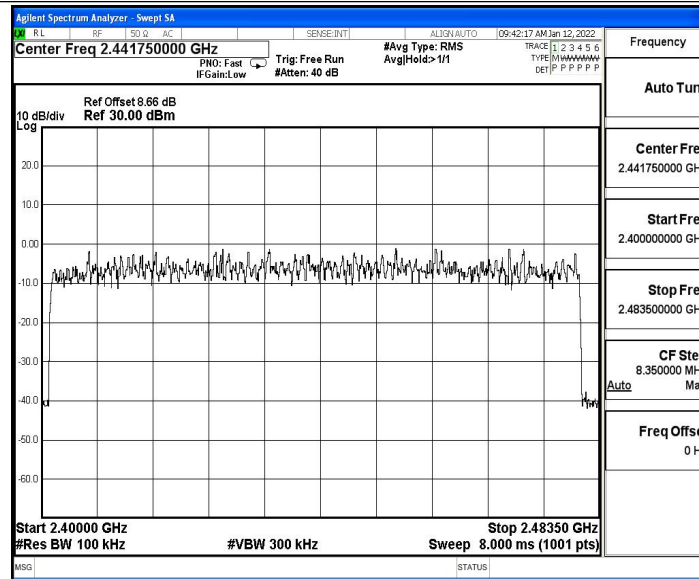
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

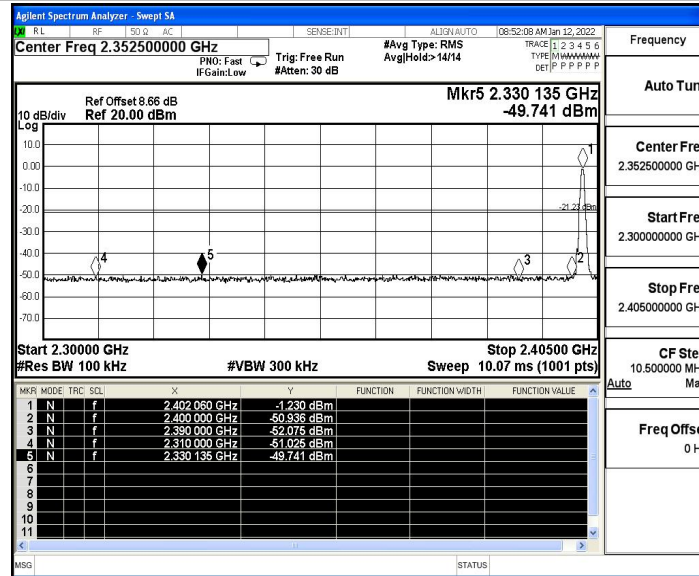
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.23	-49.74	≤ -21.23	PASS
		High	2480	-0.64	-48.22	≤ -20.64	PASS
		Low	Hop_2402	-1.60	-48.96	≤ -21.6	PASS
		High	Hop_2480	-0.53	-48.35	≤ -20.53	PASS
2DH5	Ant1	Low	2402	-2.94	-49.05	≤ -22.94	PASS
		High	2480	-2.16	-47.86	≤ -22.16	PASS
		Low	Hop_2402	-2.29	-49.32	≤ -22.29	PASS
		High	Hop_2480	-3.25	-48.53	≤ -23.25	PASS
3DH5	Ant1	Low	2402	-2.67	-48.26	≤ -22.67	PASS
		High	2480	-2.22	-48.59	≤ -22.22	PASS
		Low	Hop_2402	-5.93	-49.75	≤ -25.93	PASS
		High	Hop_2480	-4.63	-47.68	≤ -24.63	PASS

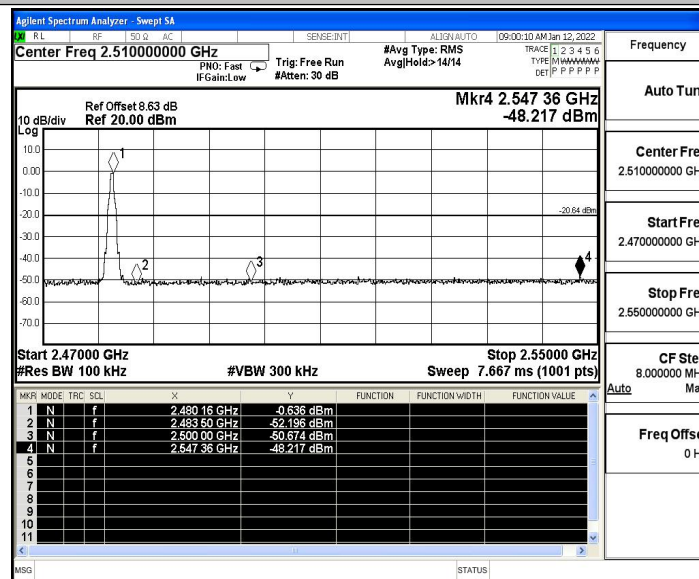


Test Graphs

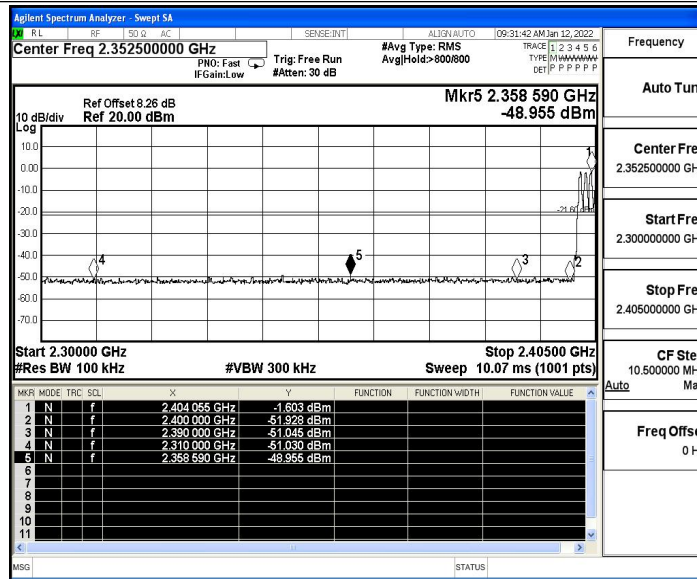
DH5_Ant1_Low_2402



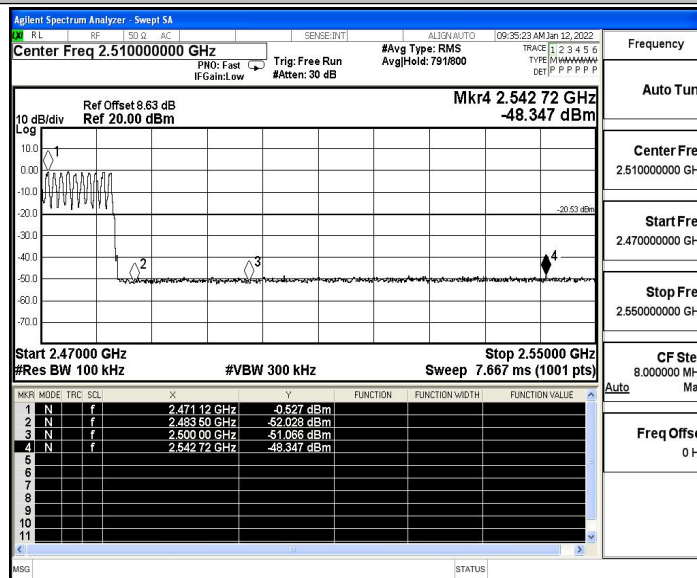
DH5_Ant1_High_2480



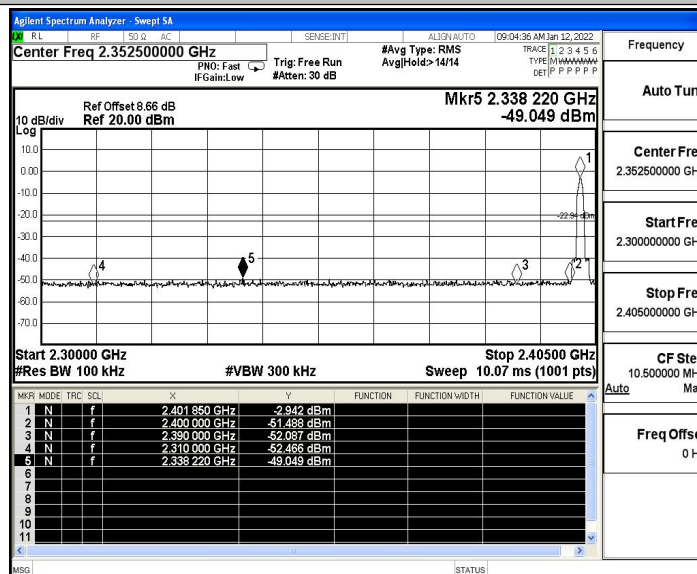
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

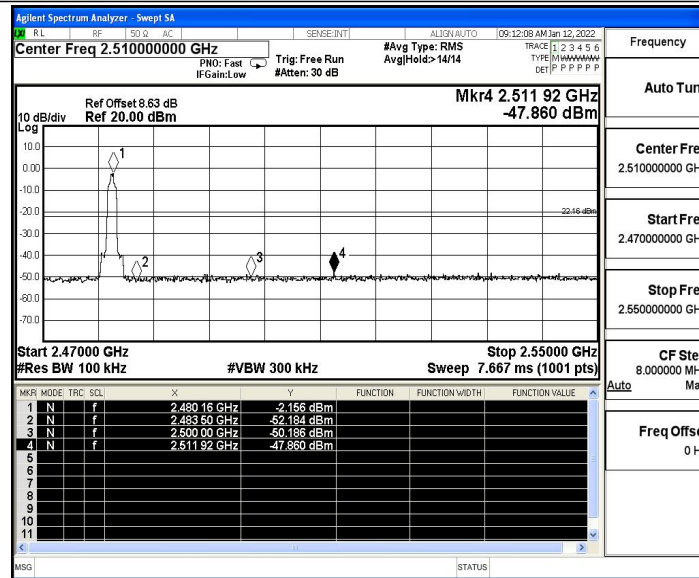


2DH5_Ant1_Low_2402

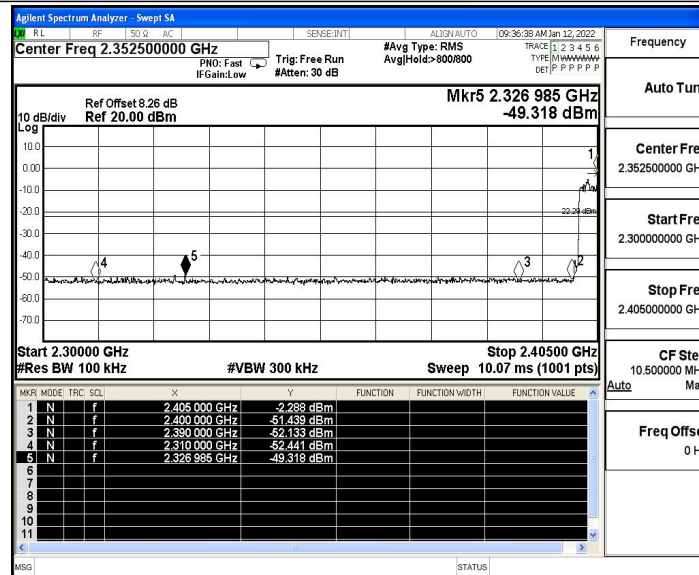




2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480