

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Kicker HP2NC Active Noise Cancelling Headphone

Test Model: HP2NC

Environmental Conditions

Temperature:	23.6°C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

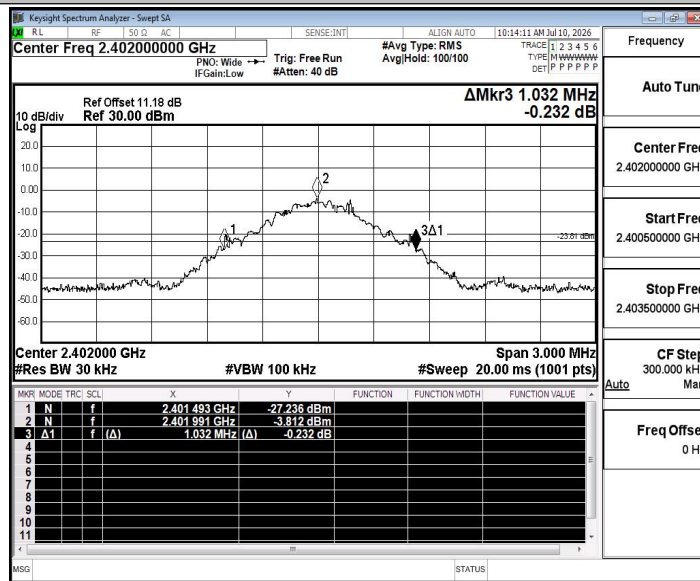
A.1 20dB Emission Bandwidth

Test Result

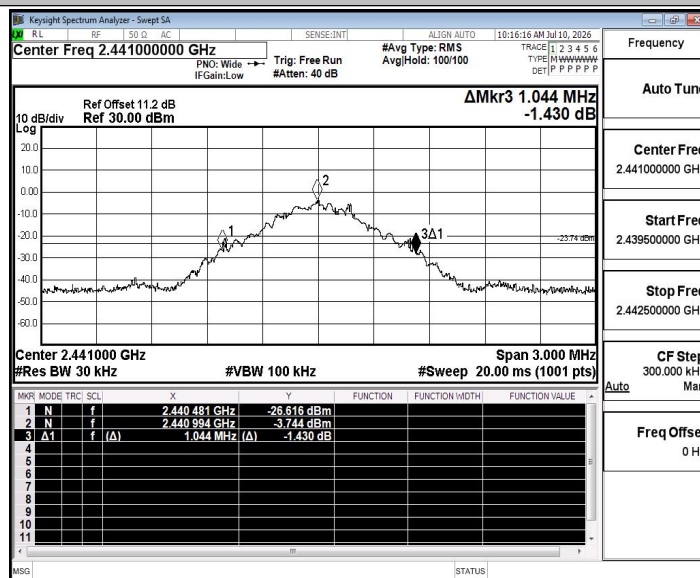
TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.032	2401.493	2402.525	---	---
		2441	1.044	2440.481	2441.525	---	---
		2480	1.017	2479.478	2480.495	---	---
2DH5	Ant1	2402	1.227	2401.382	2402.609	---	---
		2441	1.182	2440.403	2441.585	---	---
		2480	1.188	2479.400	2480.588	---	---
3DH5	Ant1	2402	1.206	2401.409	2402.615	---	---
		2441	1.200	2440.412	2441.612	---	---
		2480	1.197	2479.415	2480.612	---	---

Test Graphs

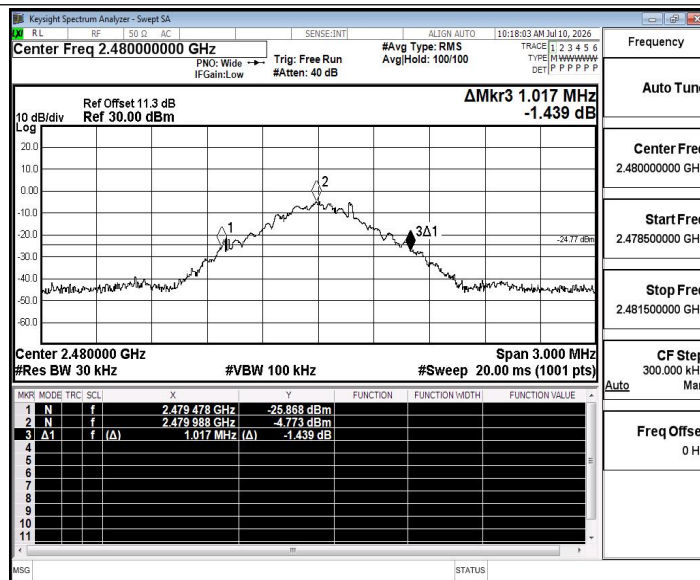
DH5_Ant1_2402



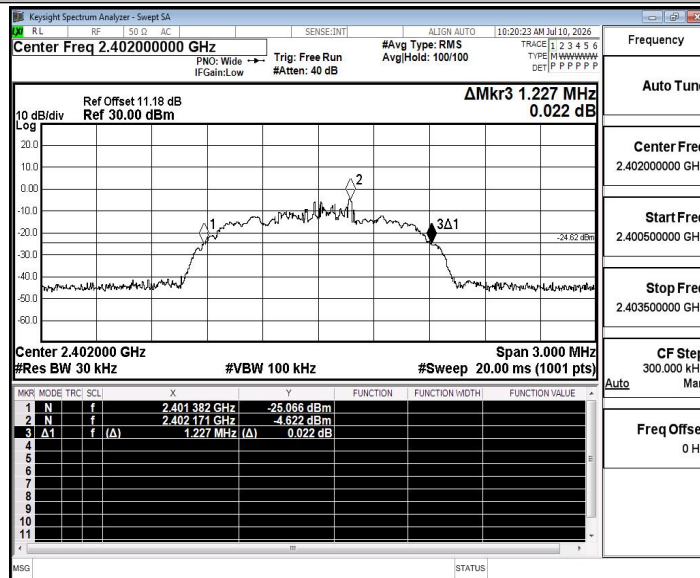
DH5_Ant1_2441



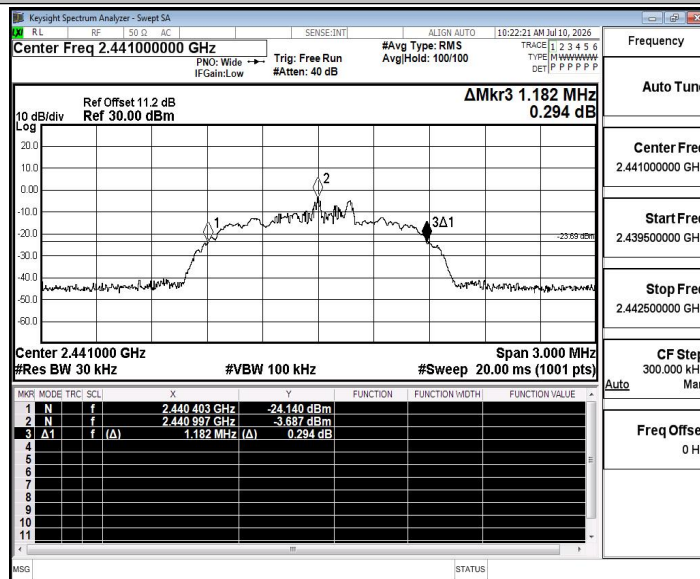
DH5_Ant1_2480



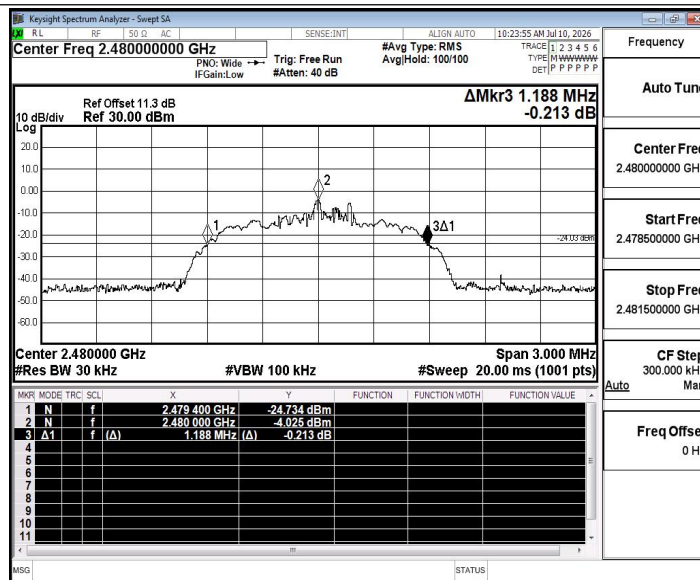
2DH5_Ant1_2402



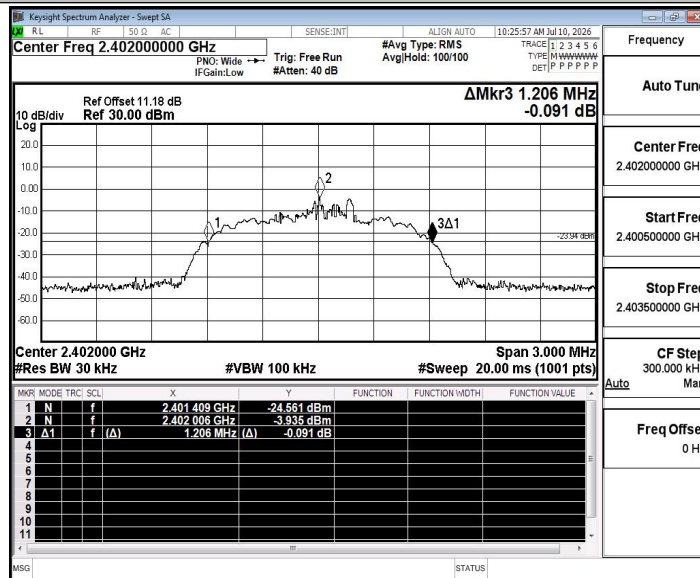
2DH5_Ant1_2441



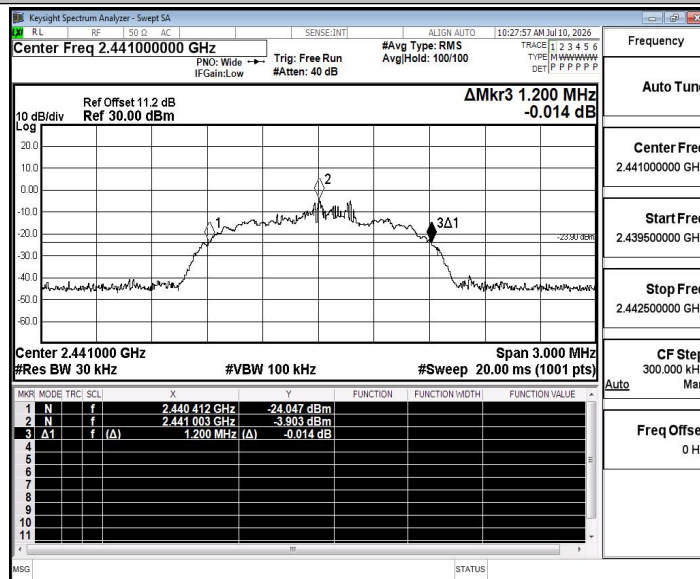
2DH5_Ant1_2480



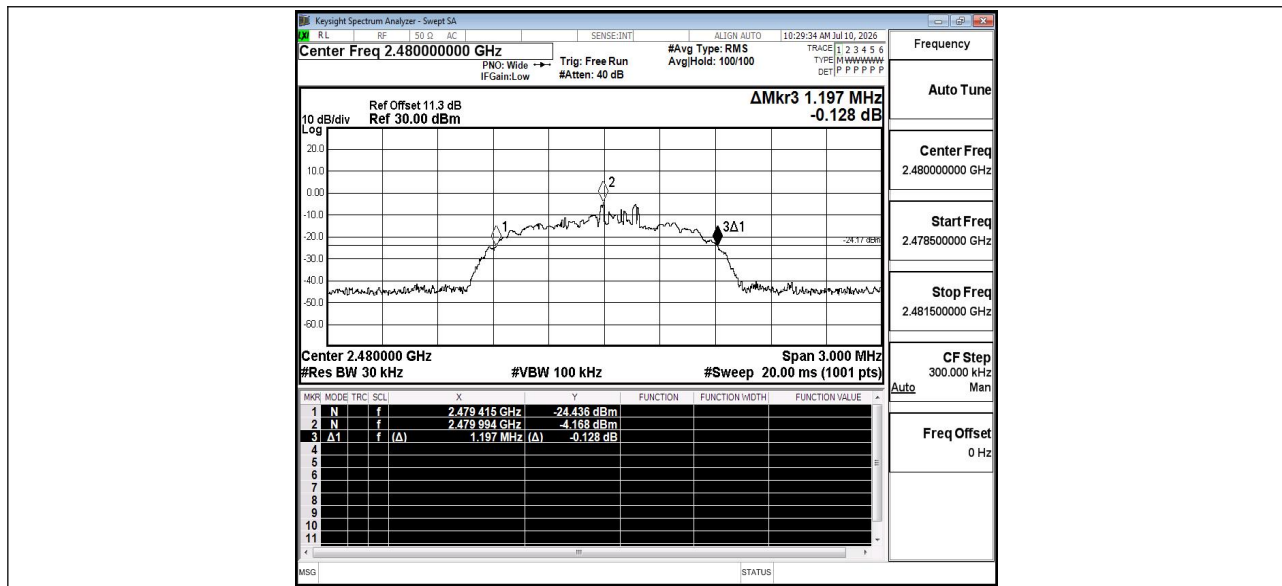
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



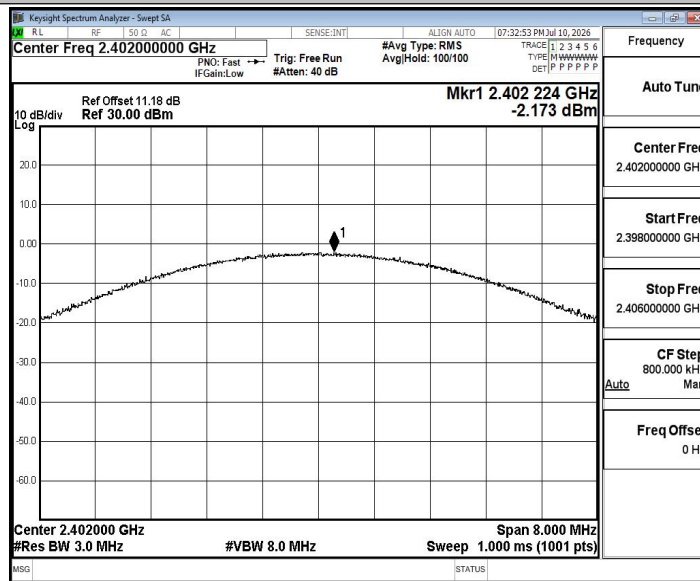
A.2 Maximum Peak conducted output power

Test Result Peak

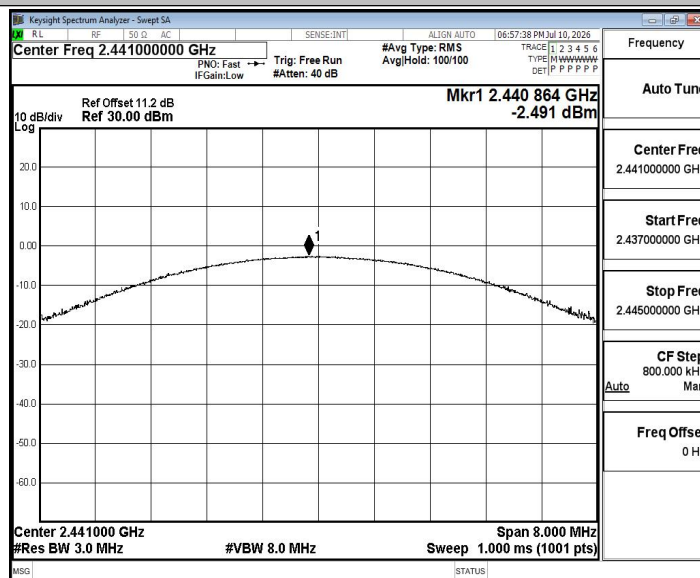
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.17	≤20.97	PASS
		2441	-2.49	≤20.97	PASS
		2480	-2.04	≤20.97	PASS
2DH5	Ant1	2402	-2.37	≤20.97	PASS
		2441	-2.24	≤20.97	PASS
		2480	-2.01	≤20.97	PASS
3DH5	Ant1	2402	-2.07	≤20.97	PASS
		2441	-2.63	≤20.97	PASS
		2480	-2.02	≤20.97	PASS

Test Graphs

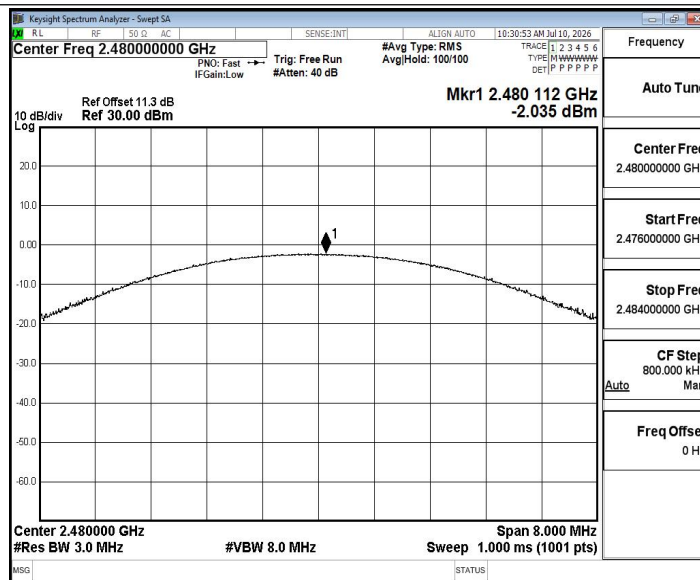
DH5_Ant1_2402



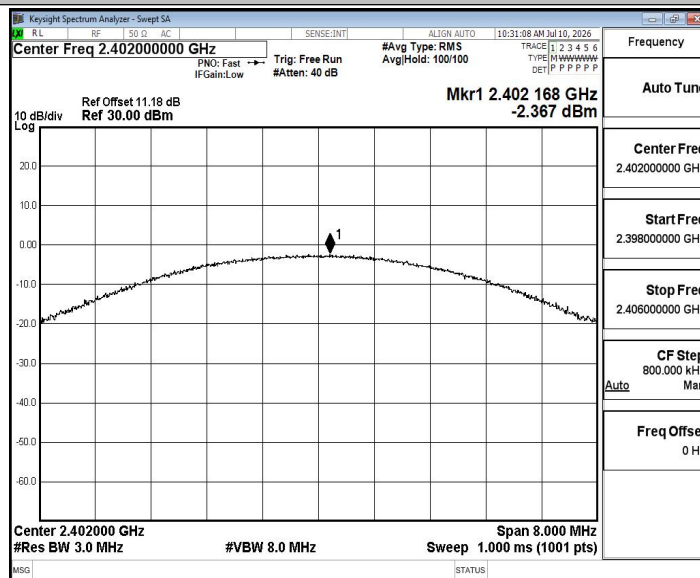
DH5_Ant1_2441



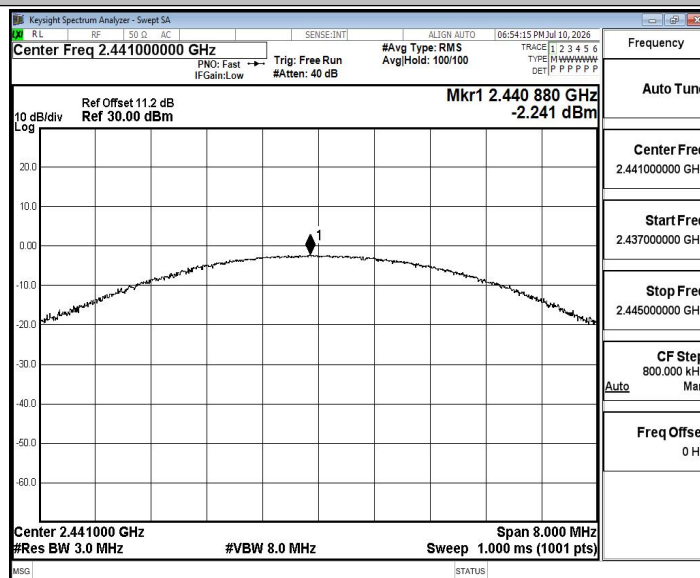
DH5_Ant1_2480



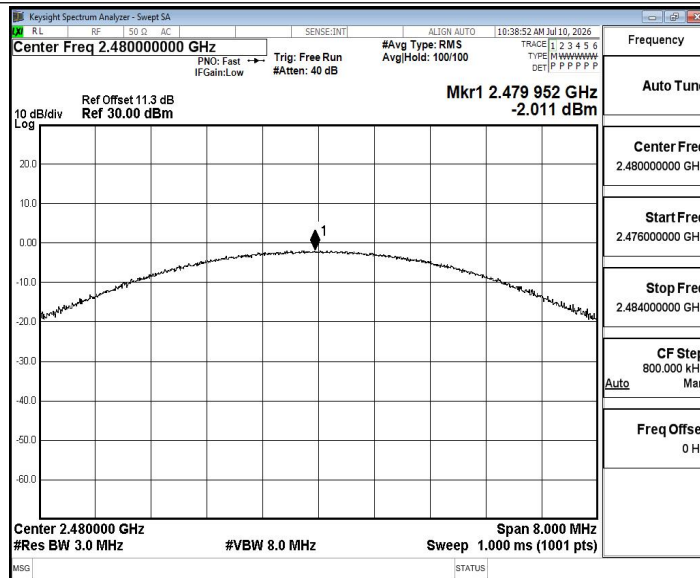
2DH5_Ant1_2402



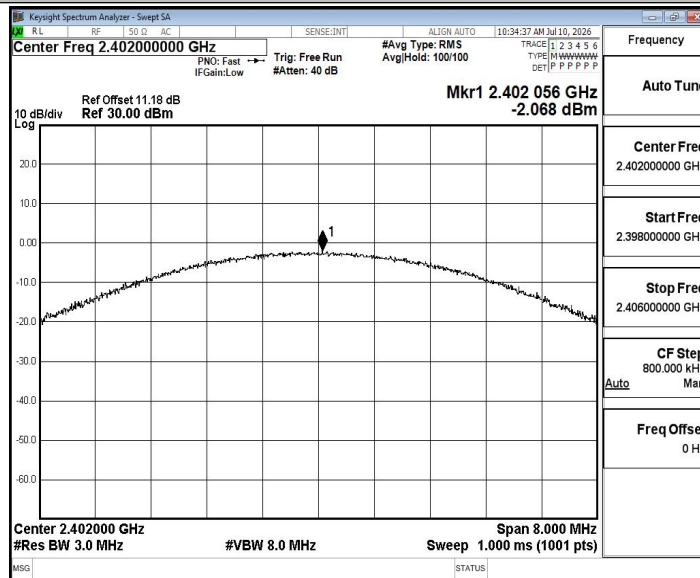
2DH5_Ant1_2441



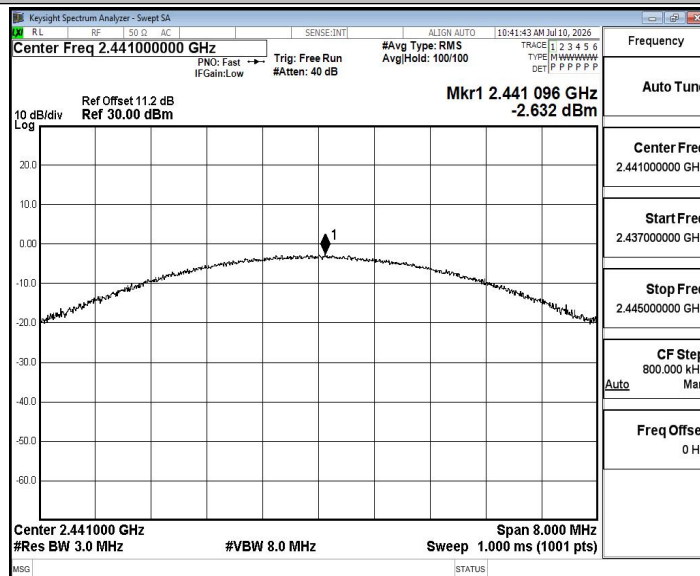
2DH5_Ant1_2480



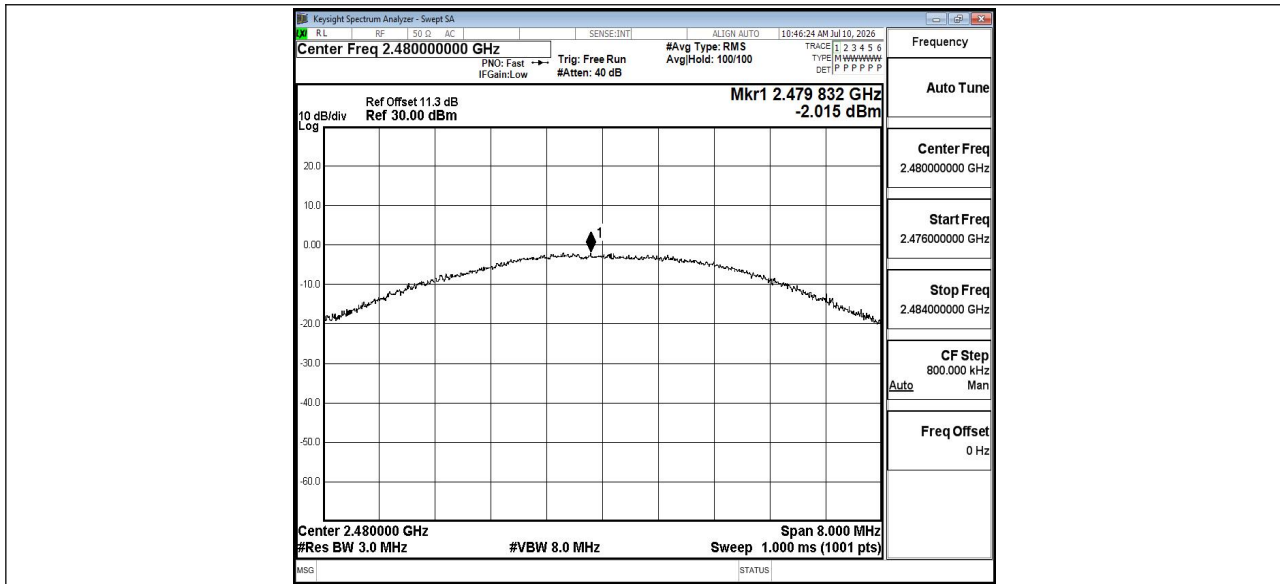
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



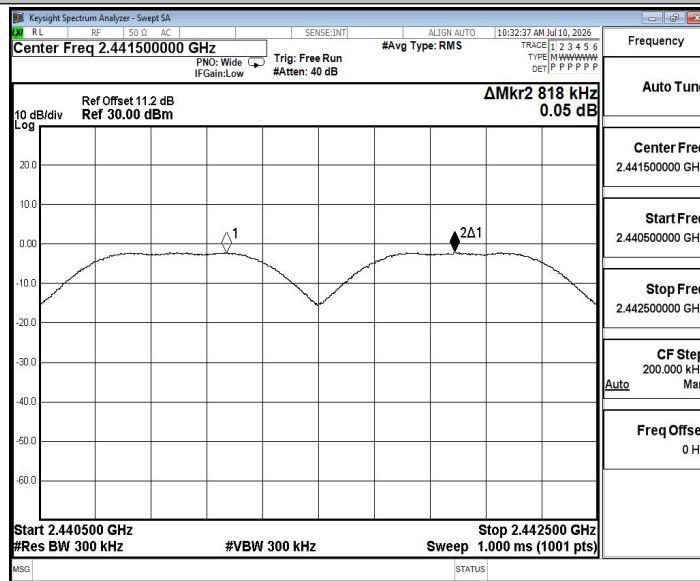
A.3 Carrier frequency separation

Test Result

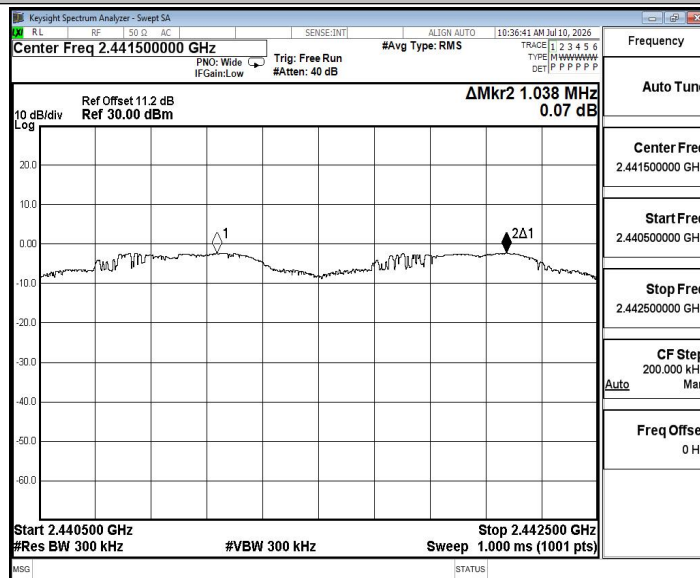
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.818	≥0.696	PASS
2DH5	Ant1	Hop	1.038	≥0.818	PASS
3DH5	Ant1	Hop	0.982	≥0.804	PASS

Test Graphs

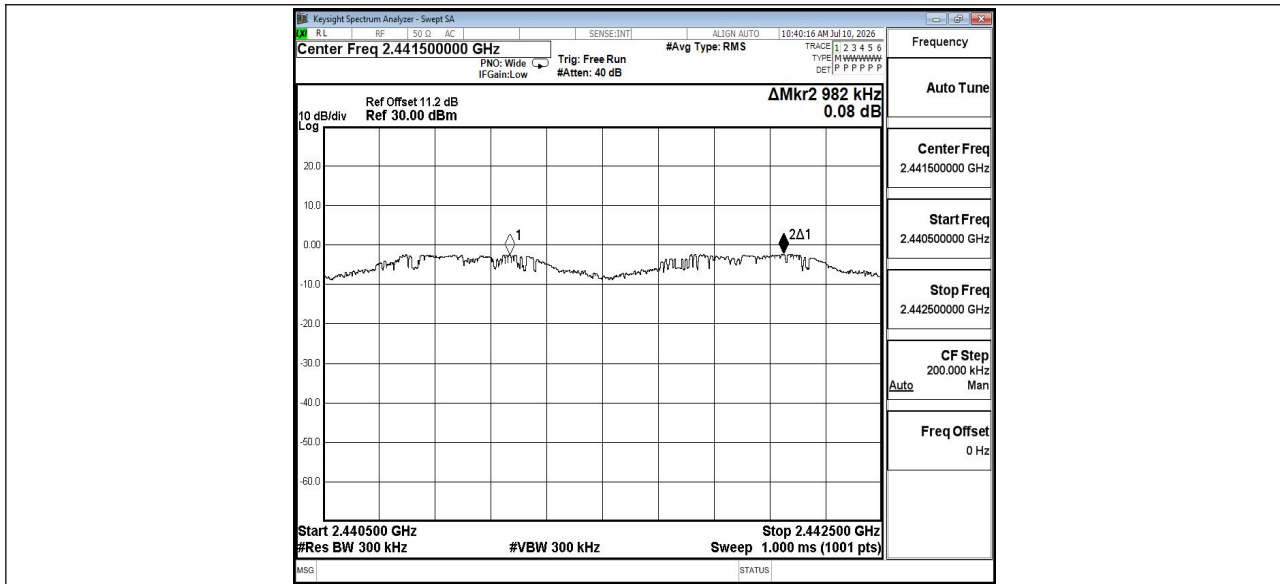
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

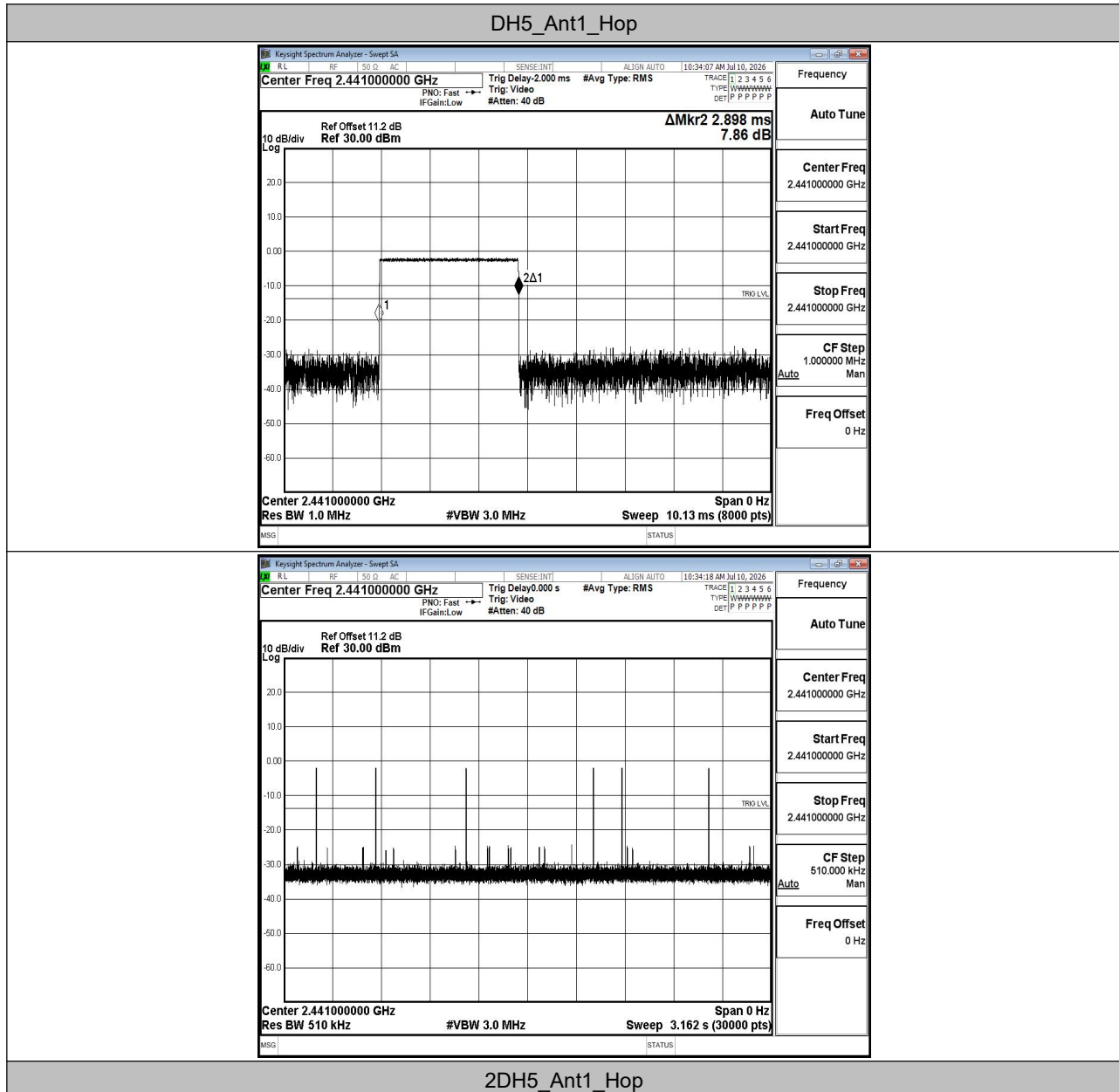


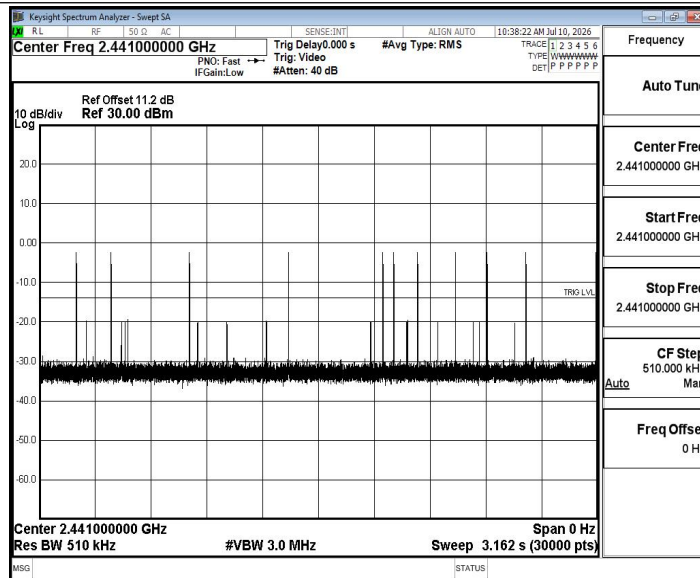
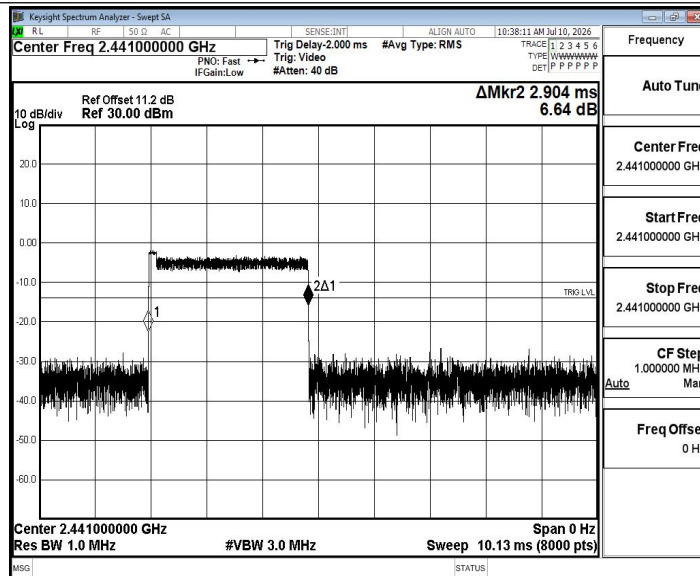
A.4 Time of occupancy

Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.898	70	0.203	≤0.4	PASS
2DH5	Ant1	Hop	2.904	120	0.348	≤0.4	PASS
3DH5	Ant1	Hop	2.904	100	0.29	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

