

Appendix RF Test Data for BT

FCC ID : 2A6PACR018

Company : Zhongshan City Cironbaby Co.,Ltd.

EUT : Baby swing

Model Number : CR018

Report No. : CTA25082200601

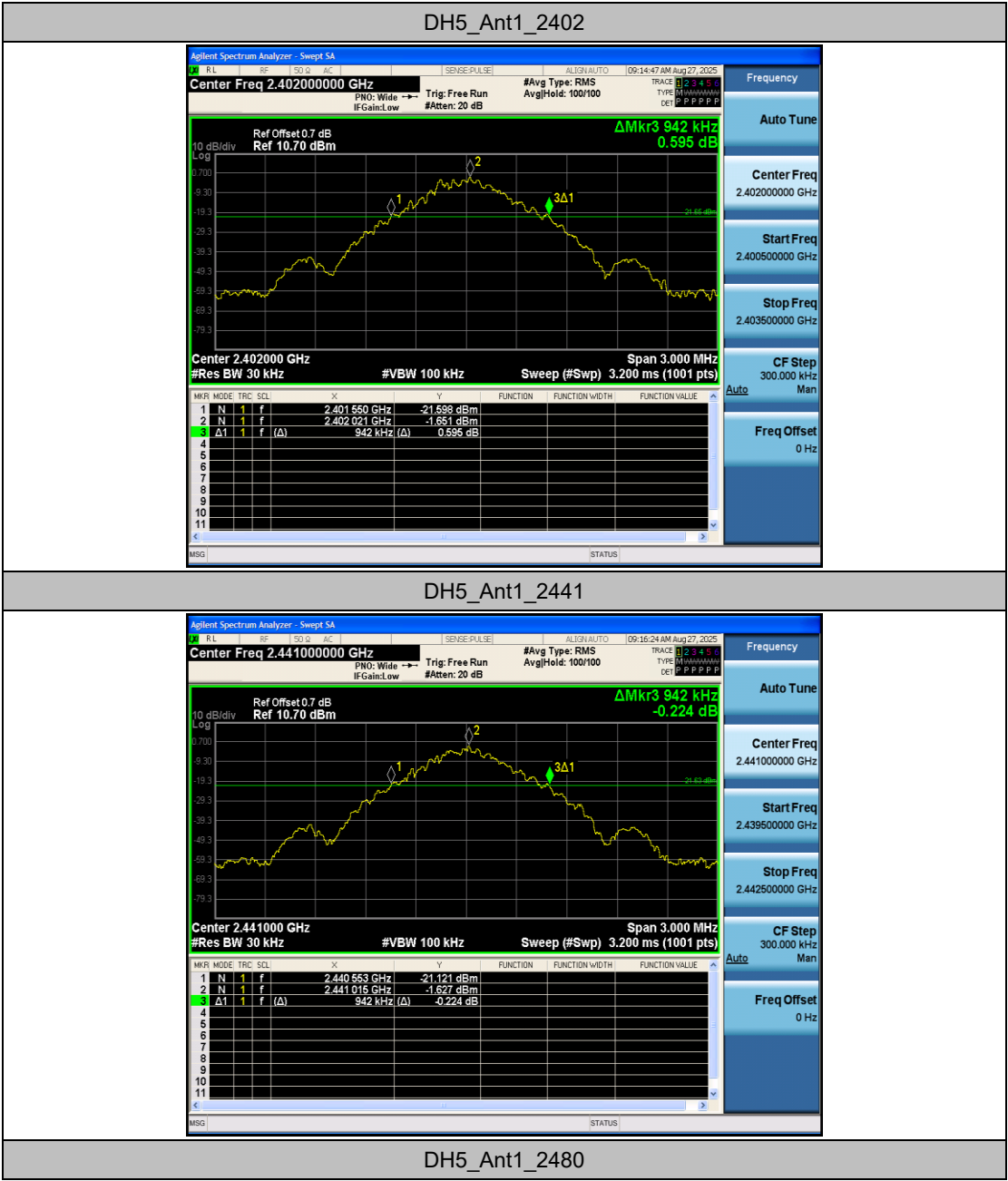
Reviewed By : Eric Wang

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.942	2401.550	2402.492	---	---
		2441	0.942	2440.553	2441.495	---	---
		2480	0.957	2479.547	2480.504	---	---
2DH5	Ant1	2402	1.278	2401.379	2402.657	---	---
		2441	1.284	2440.379	2441.663	---	---
		2480	1.314	2479.352	2480.666	---	---
3DH5	Ant1	2402	1.278	2401.367	2402.645	---	---
		2441	1.290	2440.373	2441.663	---	---
		2480	1.293	2479.367	2480.660	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

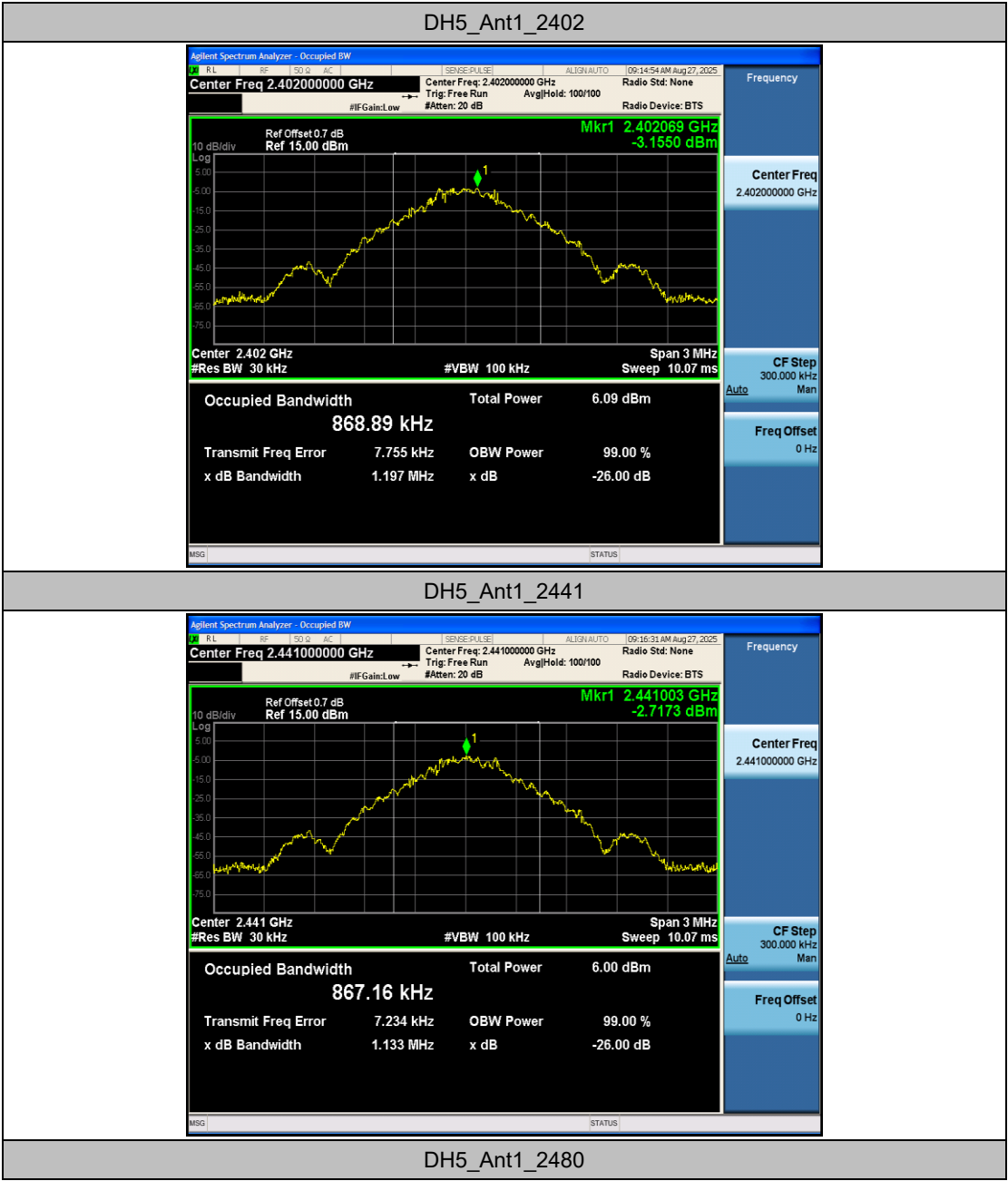


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86889	2401.5733	2402.4422	---	---
		2441	0.86716	2440.5737	2441.4408	---	---
		2480	0.87419	2479.5720	2480.4462	---	---
2DH5	Ant1	2402	1.1910	2401.4129	2402.6039	---	---
		2441	1.1941	2440.4129	2441.6070	---	---
		2480	1.1906	2479.4155	2480.6061	---	---
3DH5	Ant1	2402	1.1868	2401.4156	2402.6024	---	---
		2441	1.1931	2440.4126	2441.6057	---	---
		2480	1.1846	2479.4173	2480.6019	---	---

Test Graphs

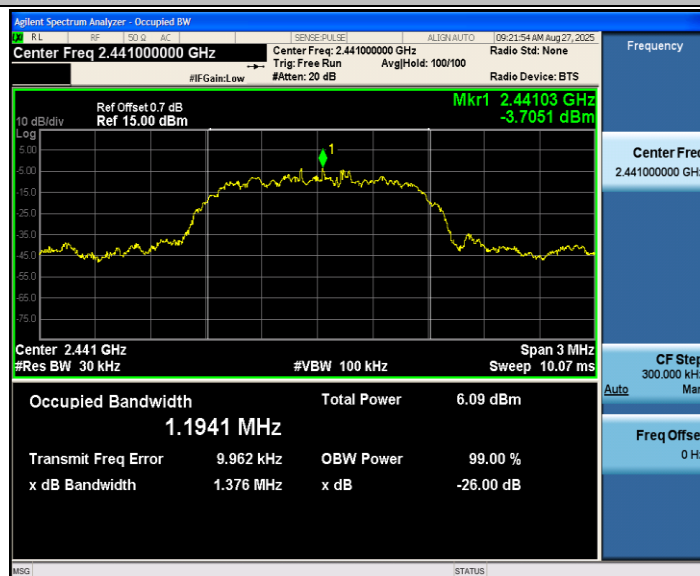




2DH5_Ant1_2402



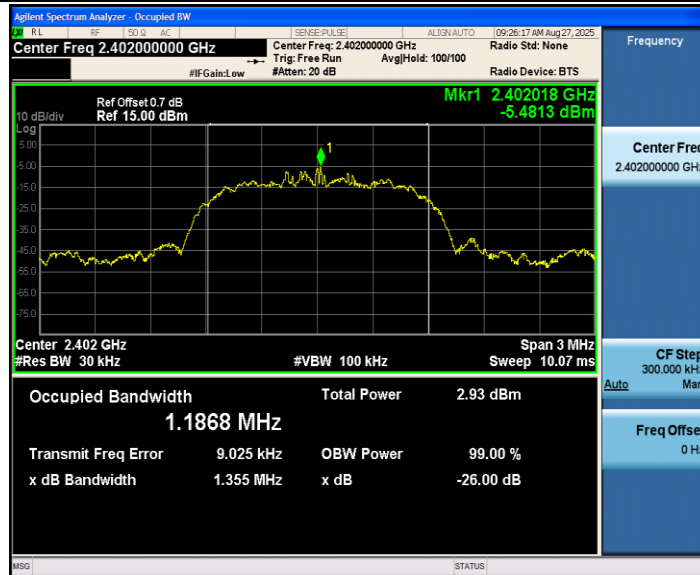
2DH5_Ant1_2441



2DH5_Ant1_2480



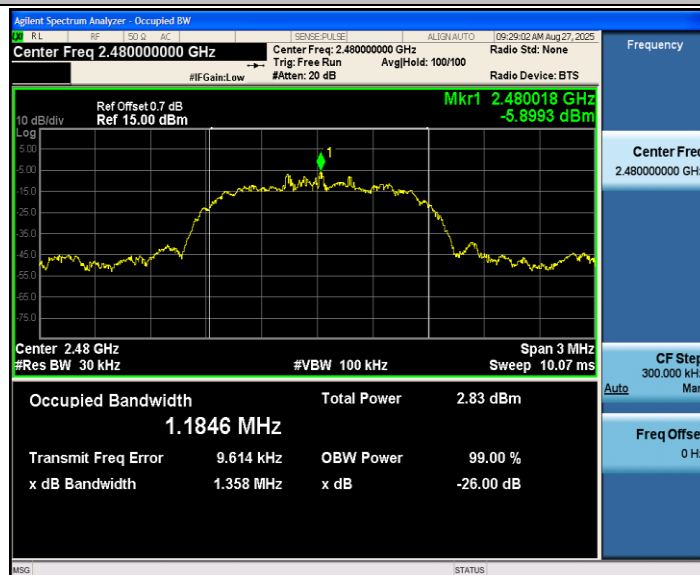
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

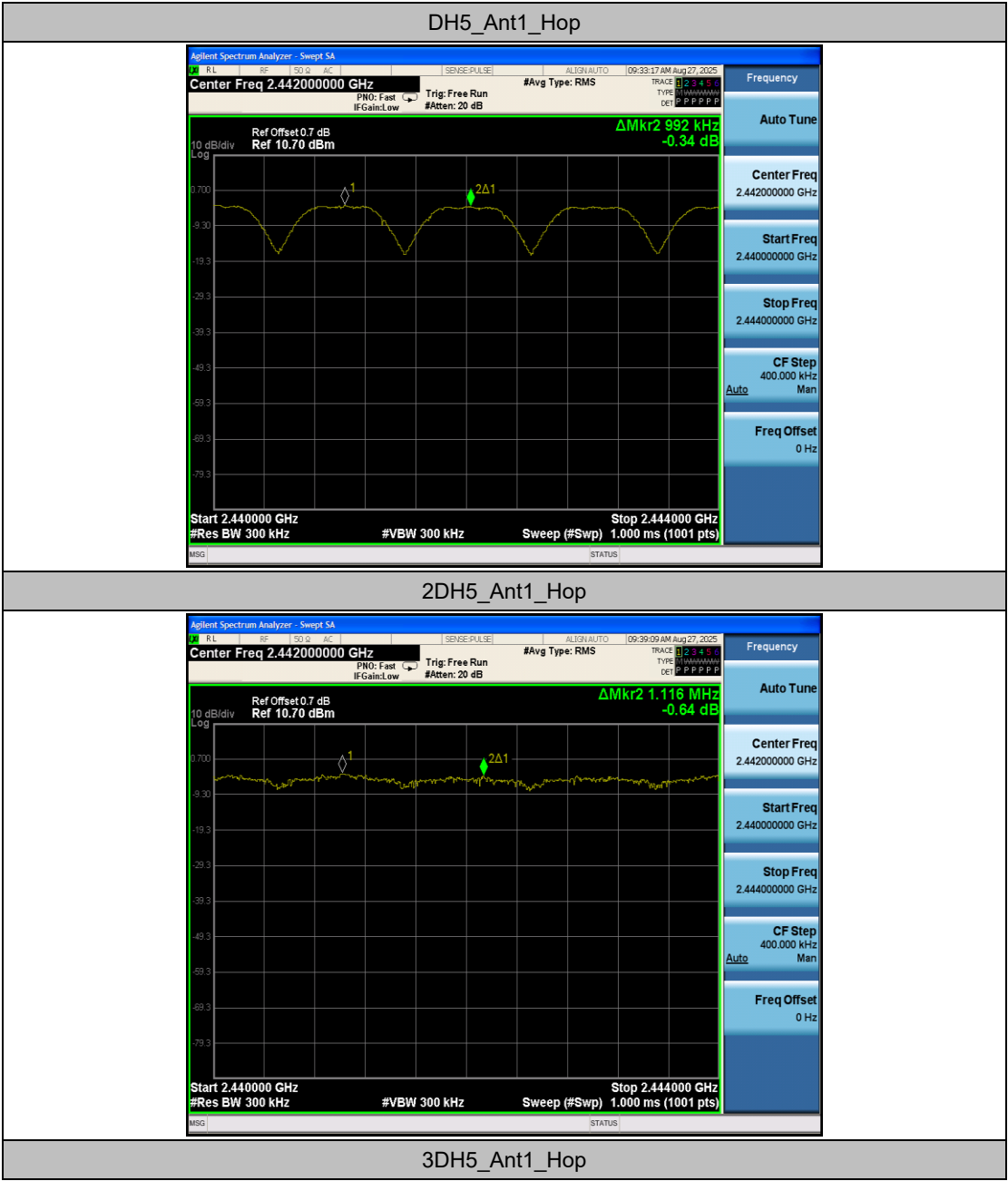
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.17	≤20.97	PASS
		2441	0.03	≤20.97	PASS
		2480	0.03	≤20.97	PASS
2DH5	Ant1	2402	2.90	≤20.97	PASS
		2441	2.70	≤20.97	PASS
		2480	2.69	≤20.97	PASS
3DH5	Ant1	2402	-0.27	≤20.97	PASS
		2441	-0.39	≤20.97	PASS
		2480	-0.39	≤20.97	PASS

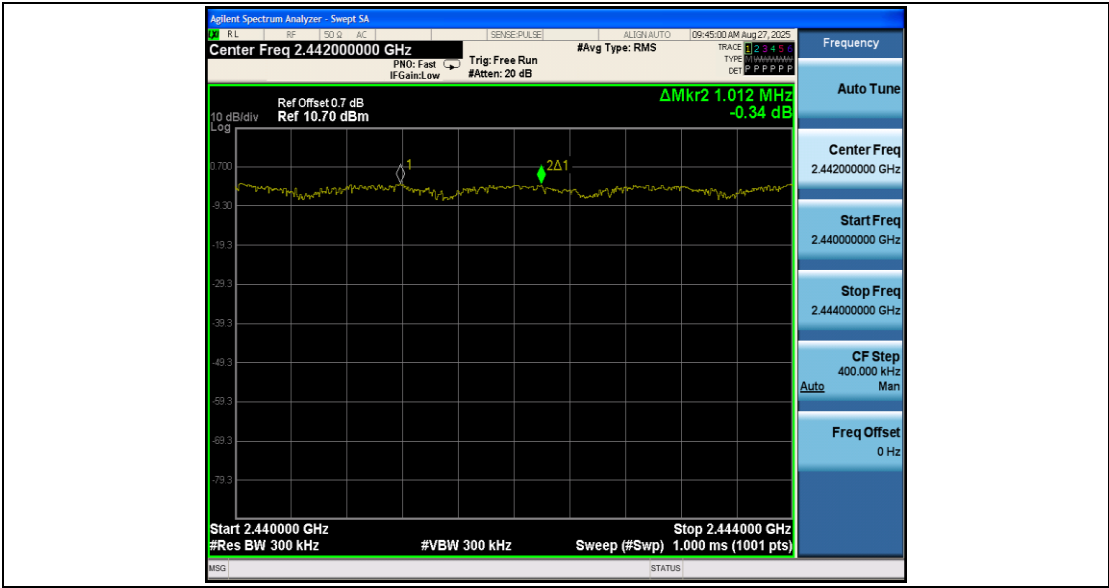
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.992	≥ 0.957	PASS
2DH5	Ant1	Hop	1.116	≥ 0.876	PASS
3DH5	Ant1	Hop	1.012	≥ 0.862	PASS

Test Graphs



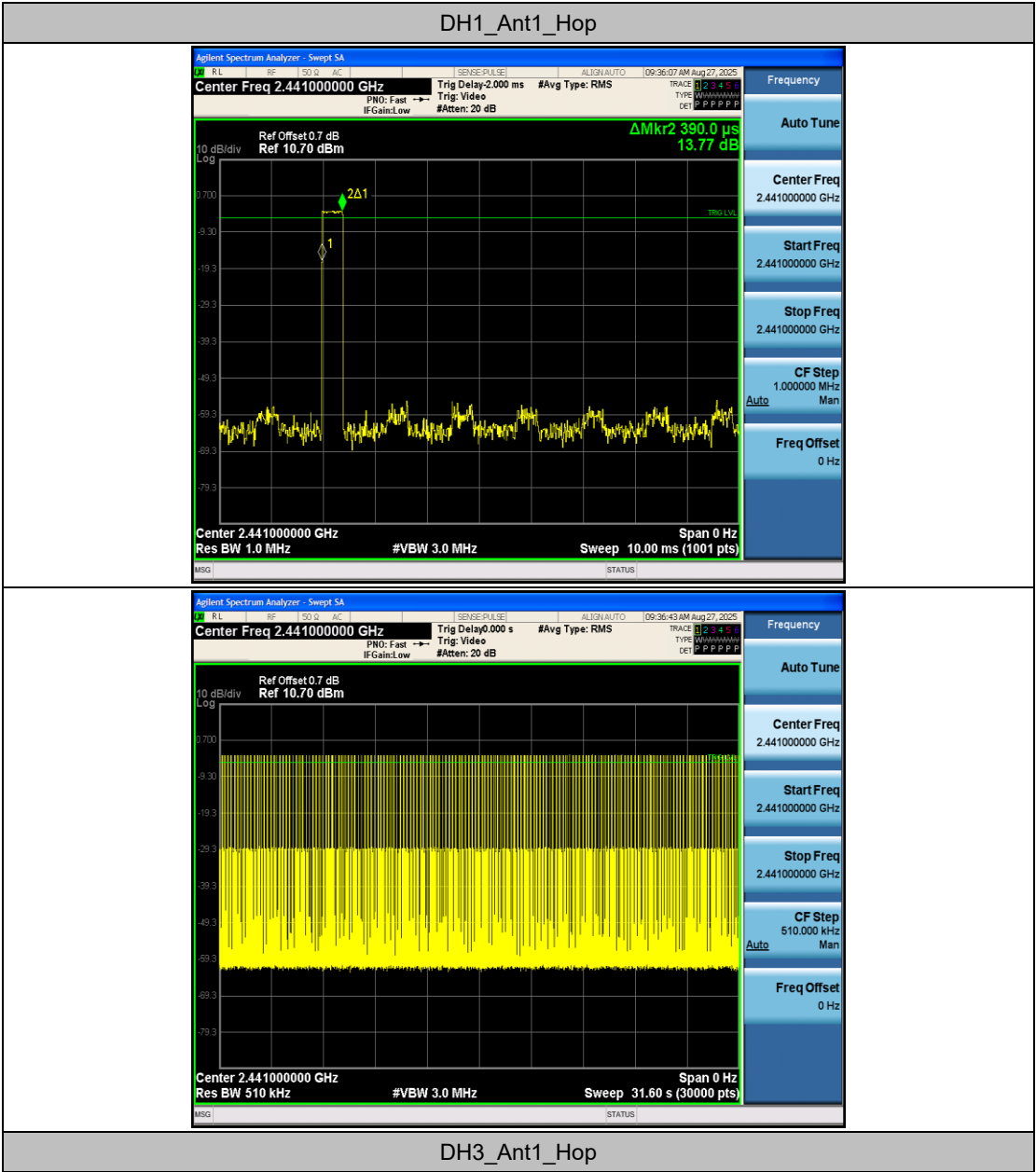


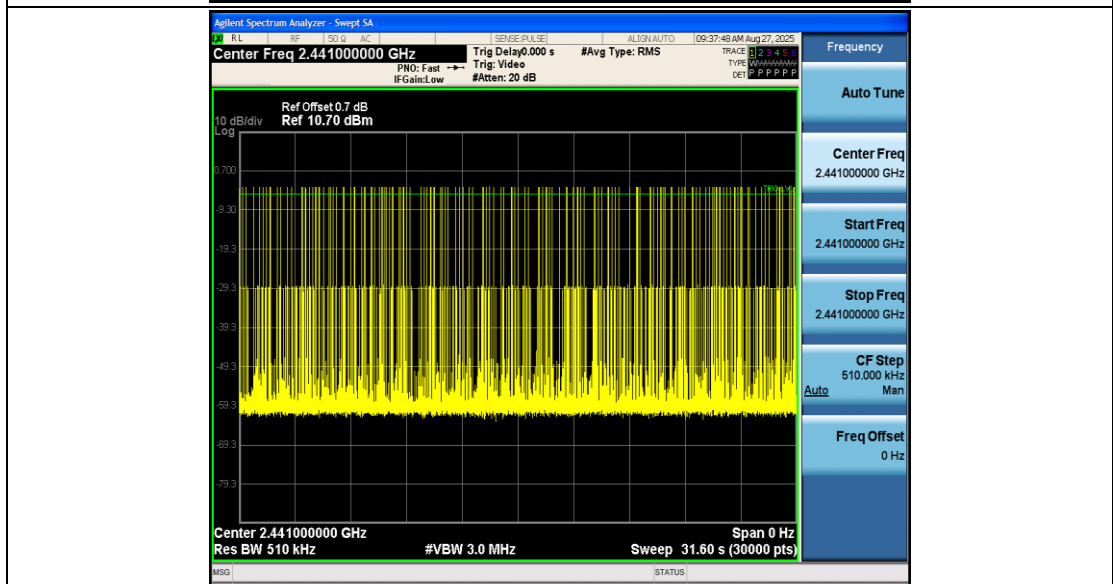
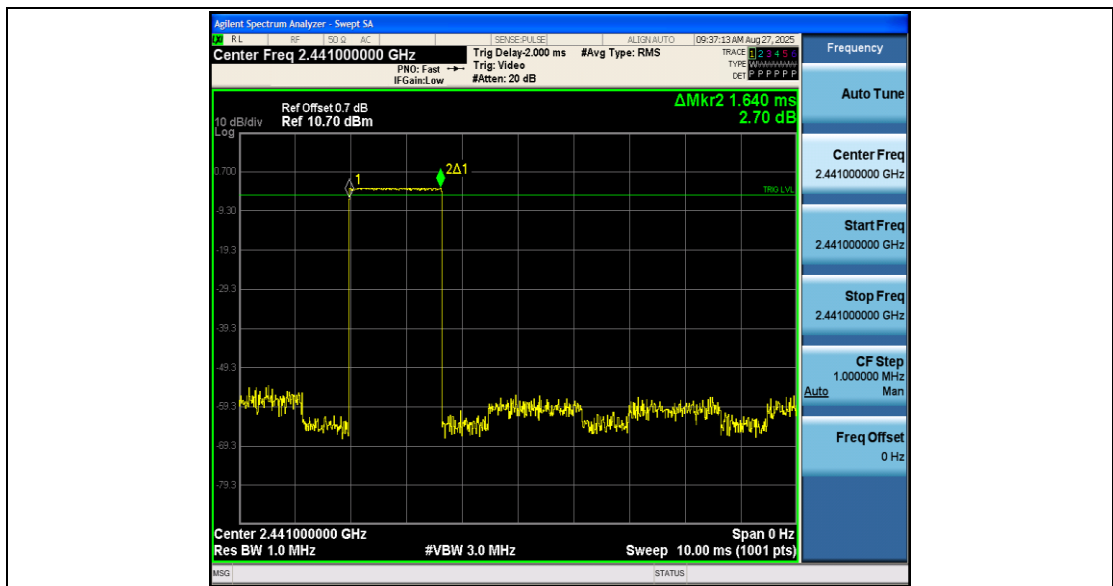
Appendix E: Time of occupancy

Test Result

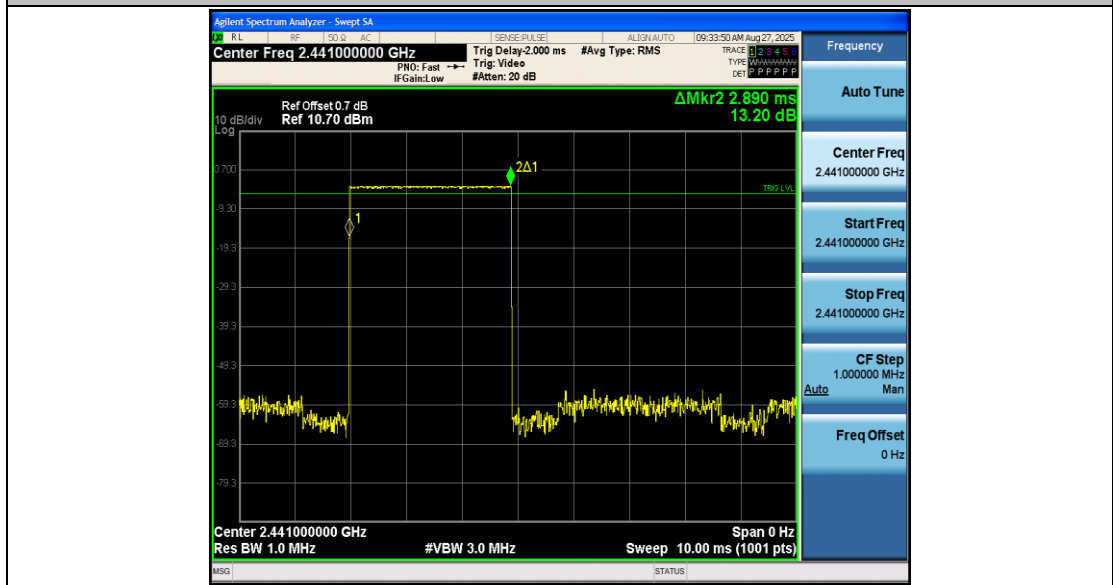
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	320	0.125	≤0.4	PASS
DH3	Ant1	Hop	1.640	154	0.253	≤0.4	PASS
DH5	Ant1	Hop	2.890	112	0.324	≤0.4	PASS
2DH1	Ant1	Hop	0.400	317	0.127	≤0.4	PASS
2DH3	Ant1	Hop	1.650	161	0.266	≤0.4	PASS
2DH5	Ant1	Hop	2.900	116	0.336	≤0.4	PASS
3DH1	Ant1	Hop	0.400	320	0.128	≤0.4	PASS
3DH3	Ant1	Hop	1.650	163	0.269	≤0.4	PASS
3DH5	Ant1	Hop	2.900	106	0.307	≤0.4	PASS

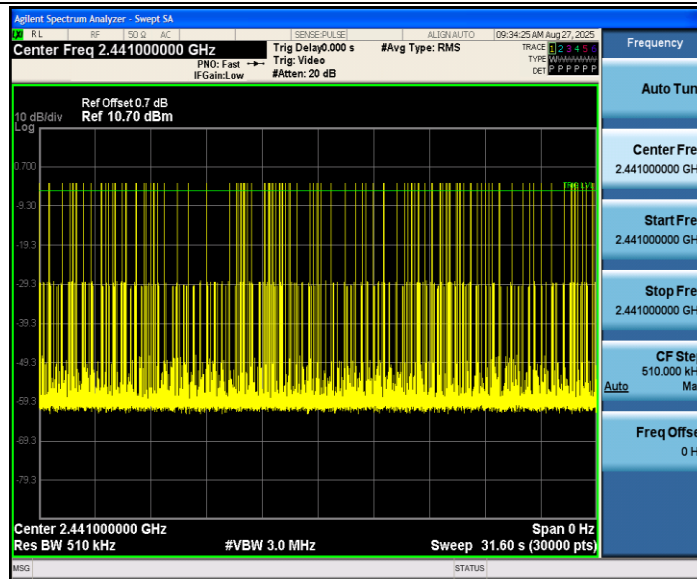
Test Graphs



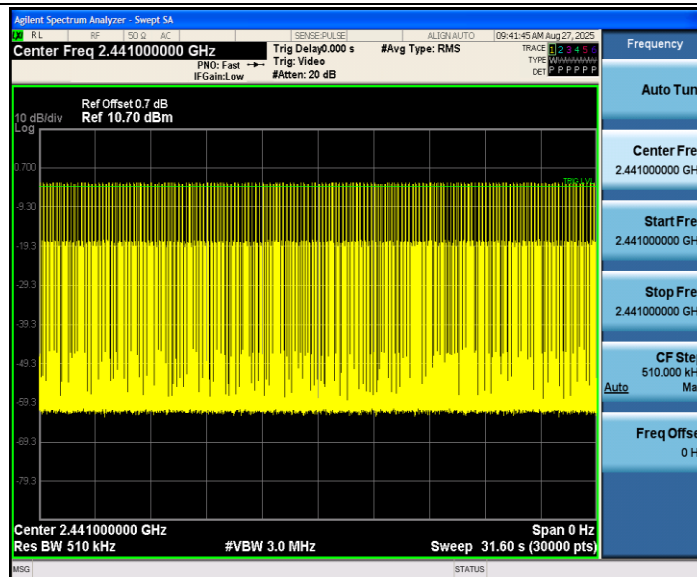
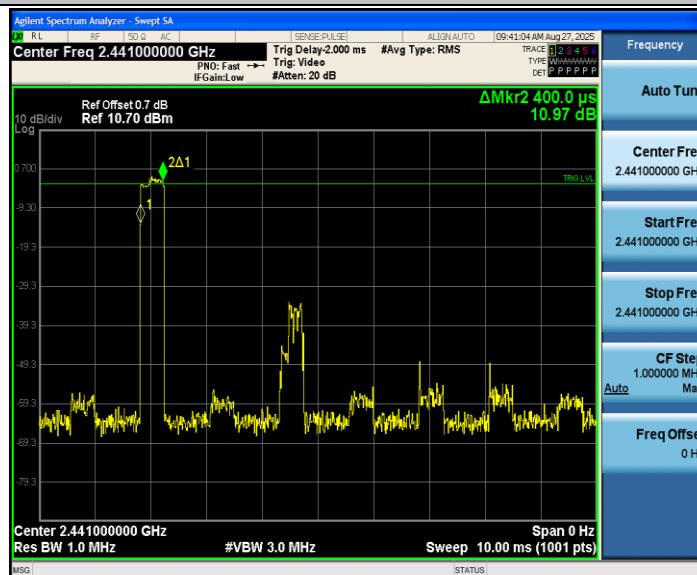


DH5_Ant1_Hop

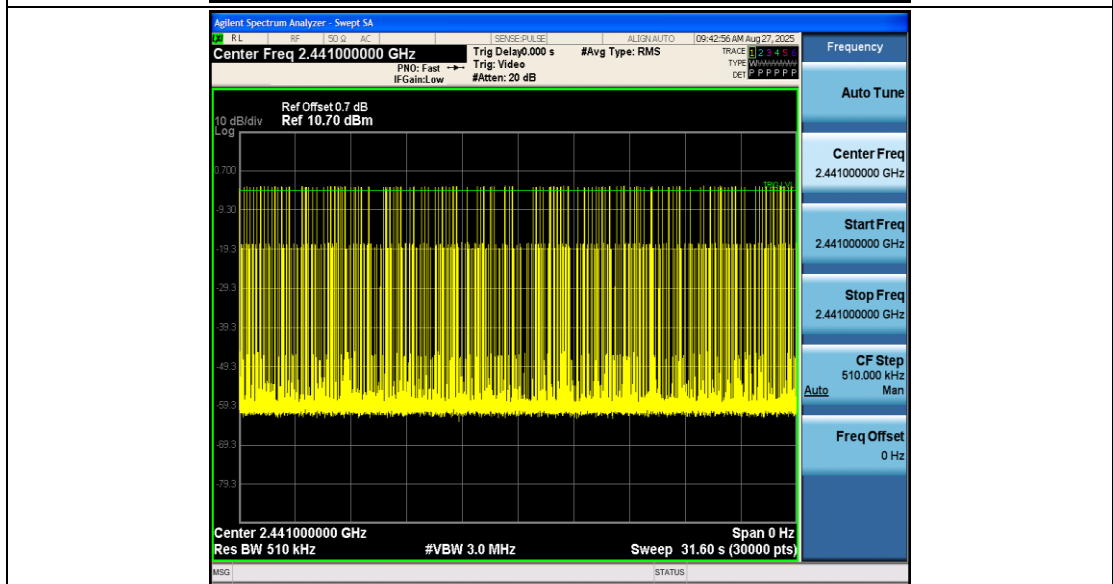
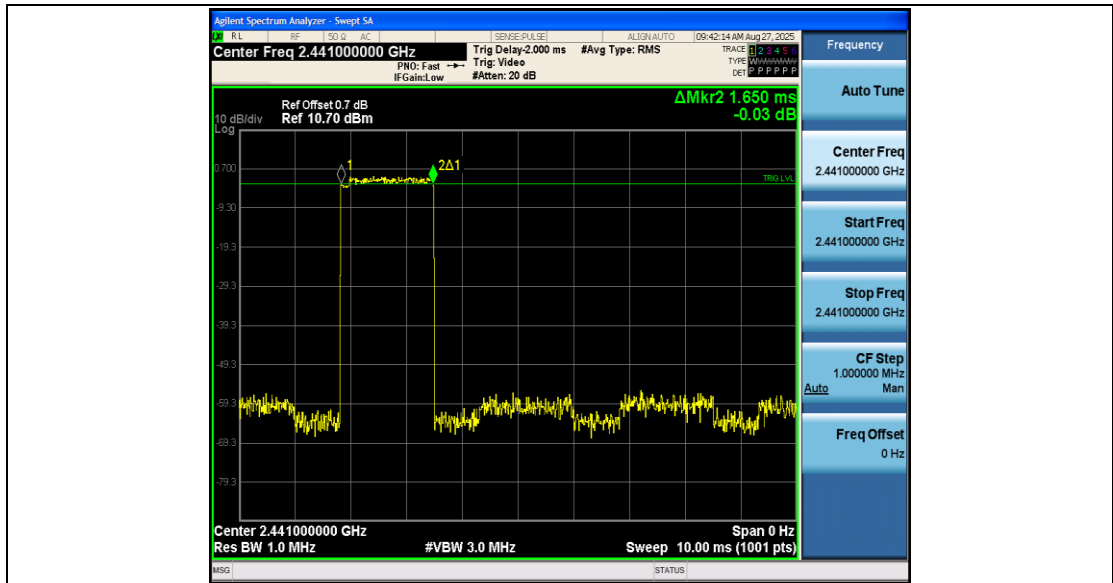




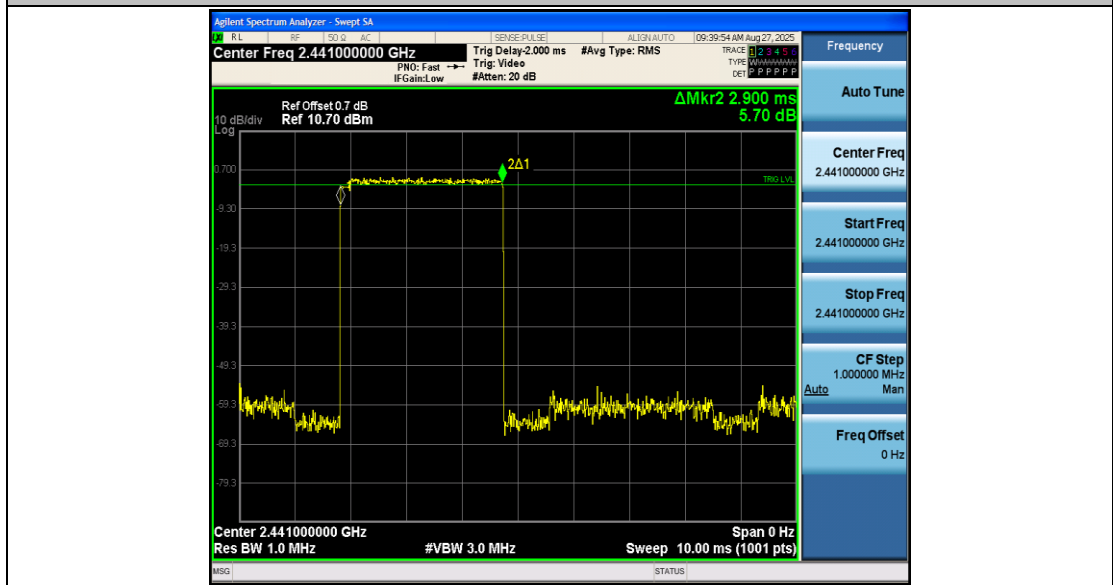
2DH1_Ant1_Hop

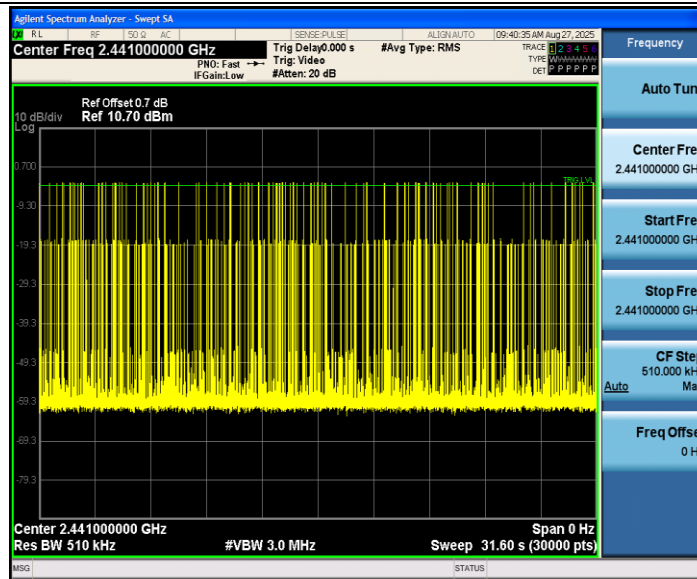


2DH3_Ant1_Hop

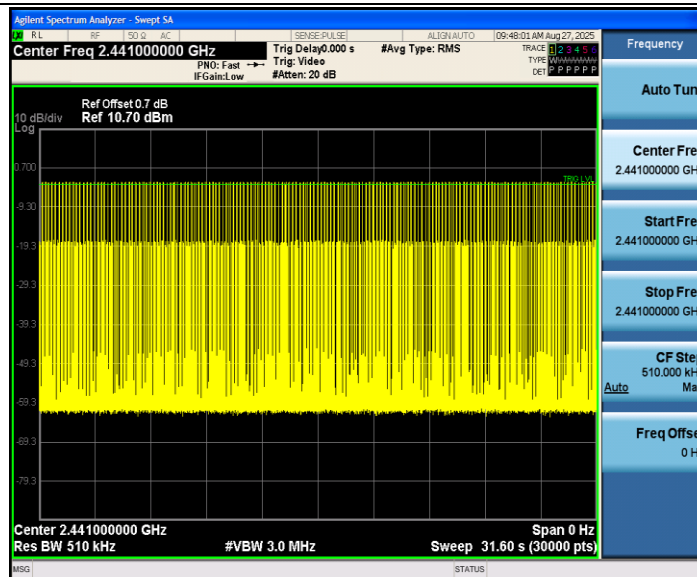
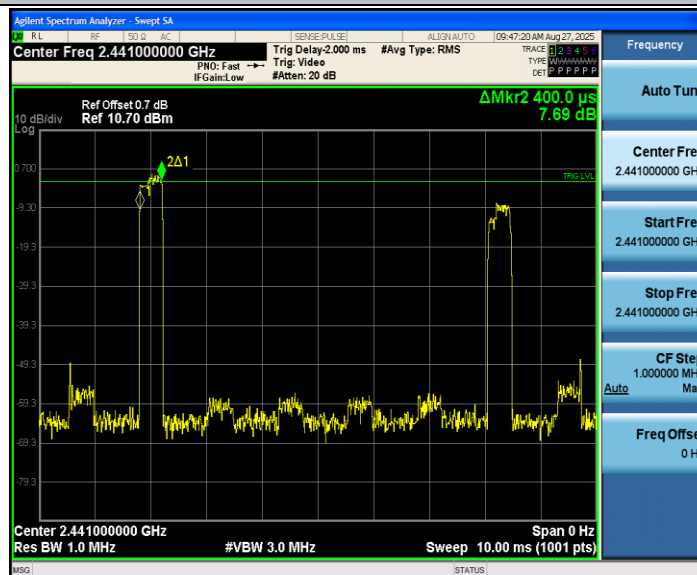


2DH5_Ant1_Hop

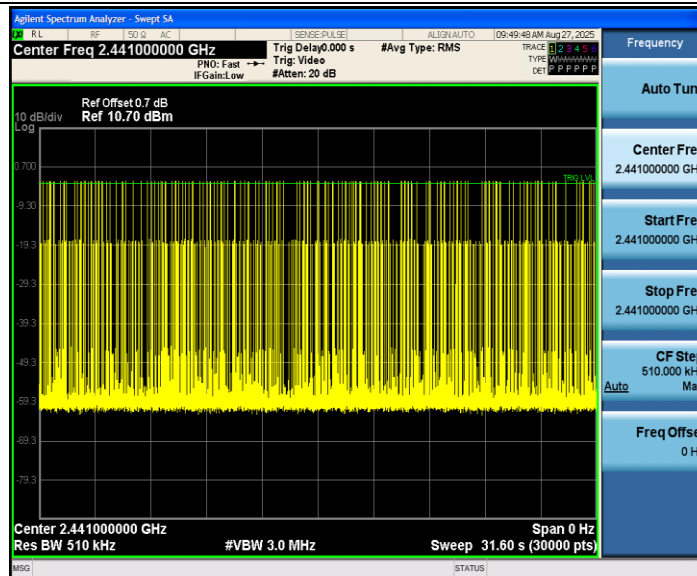




3DH1_Ant1_Hop

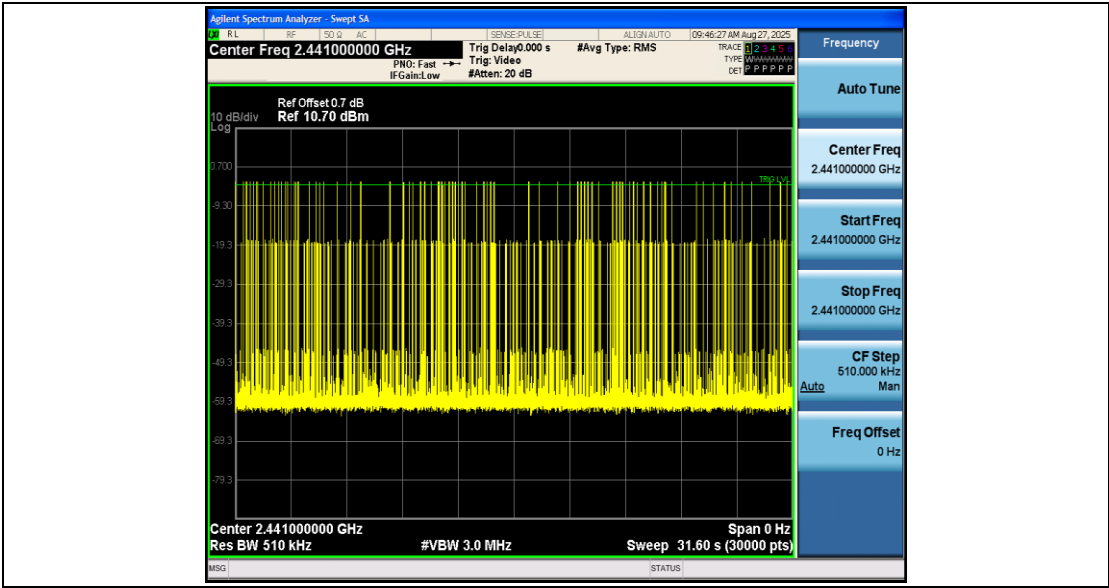


3DH3_Ant1_Hop



3DH5_Ant1_Hop



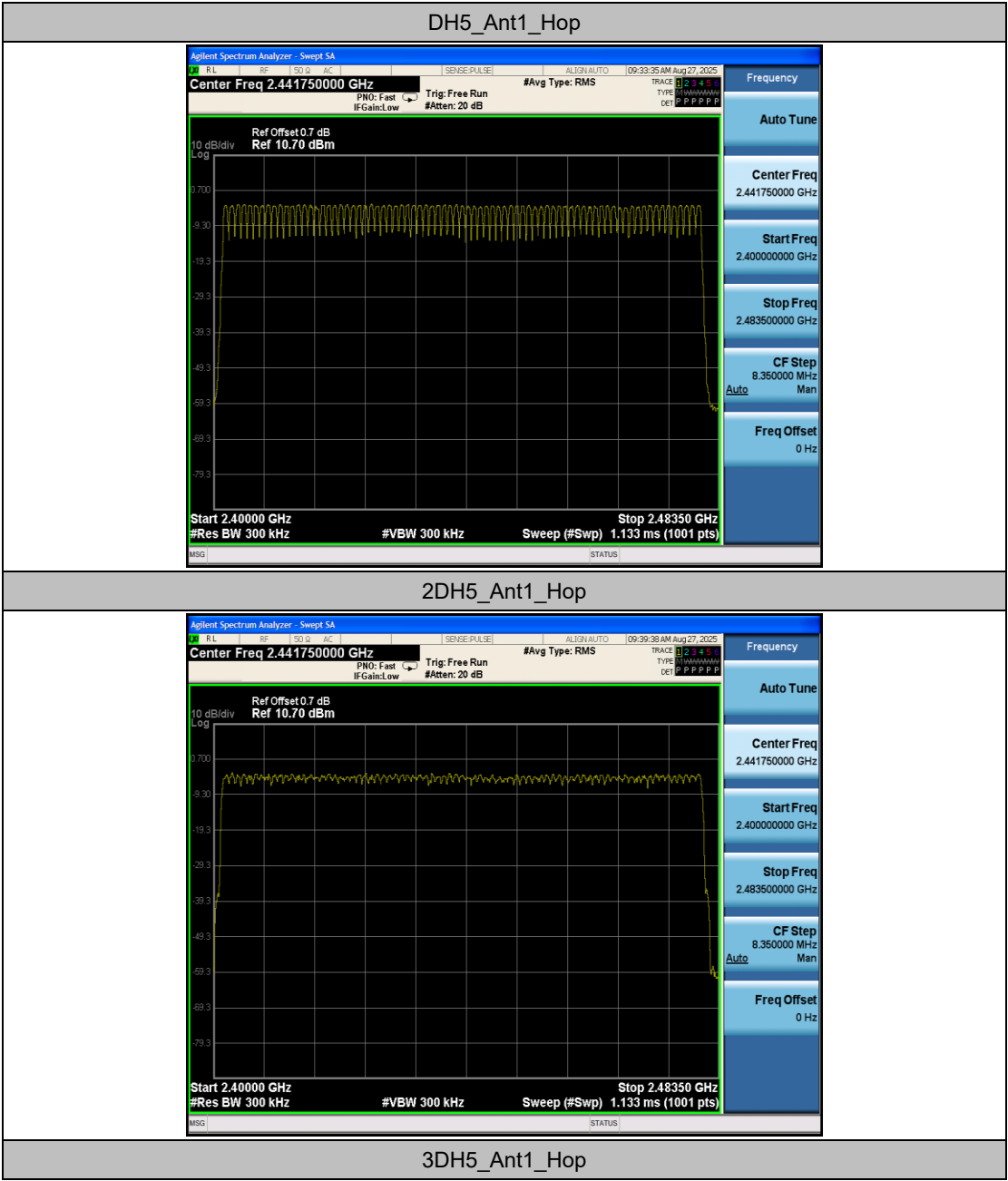


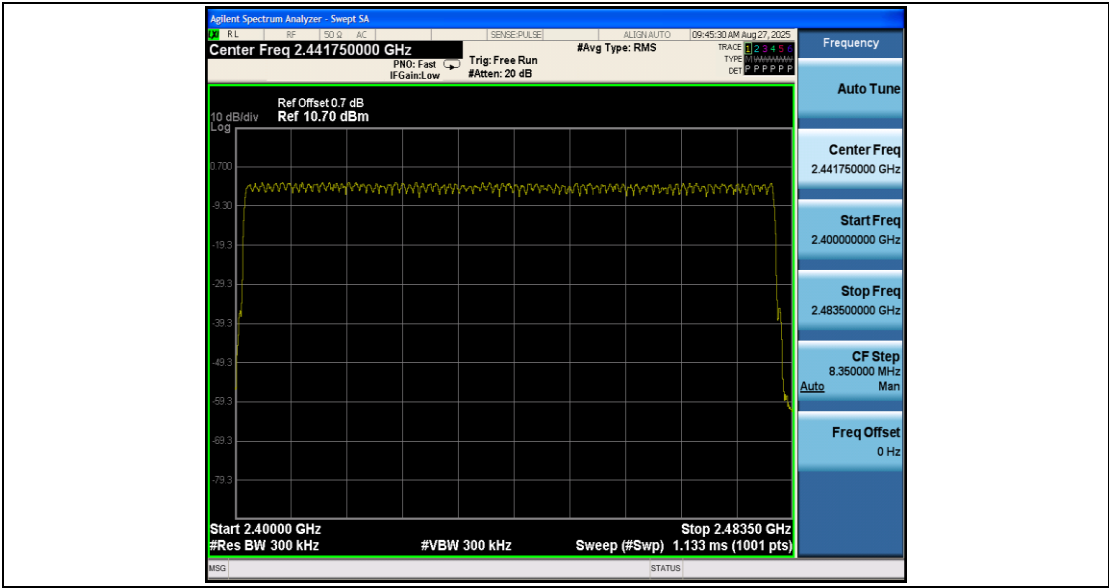
Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Freq(MHz)	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



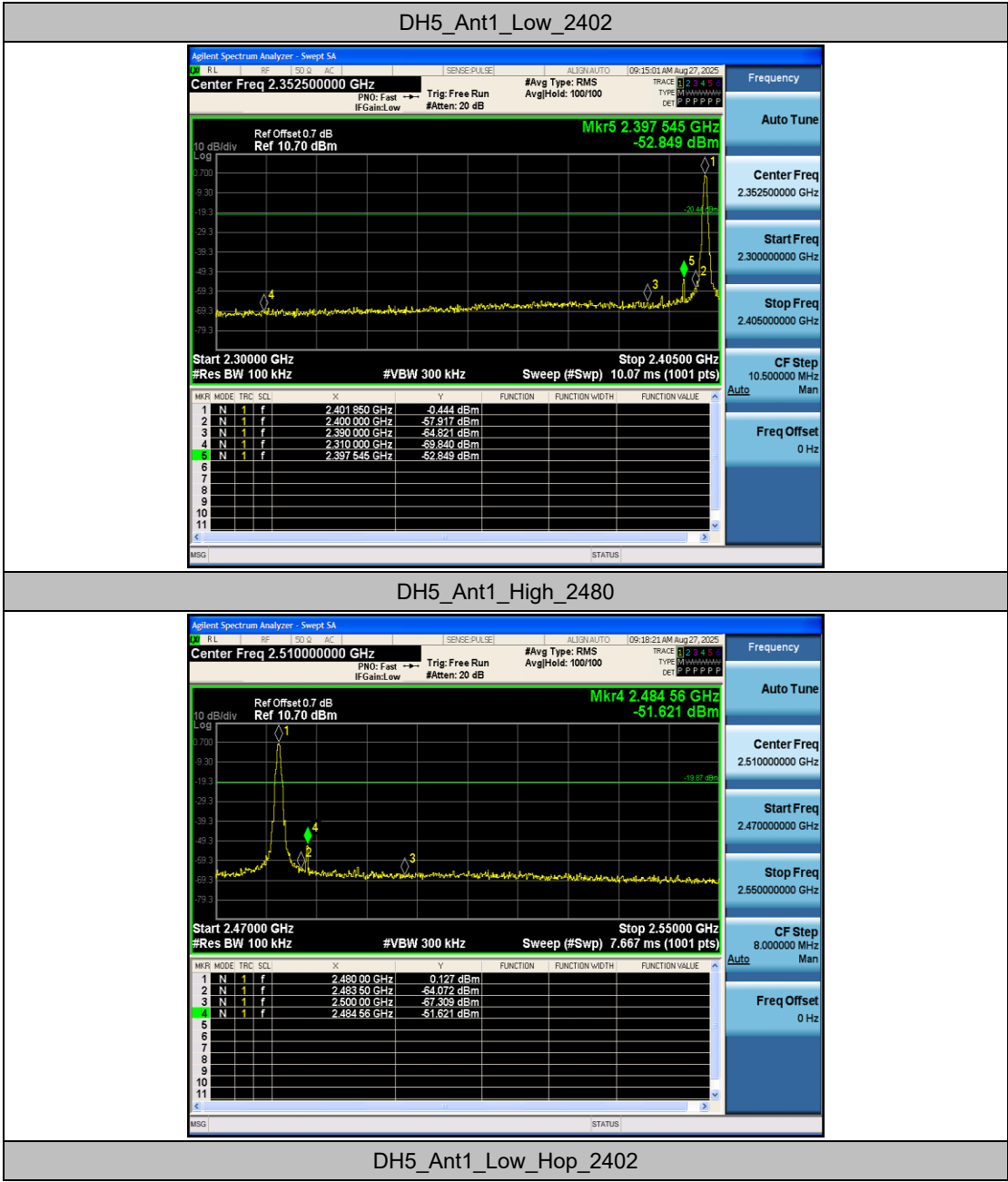


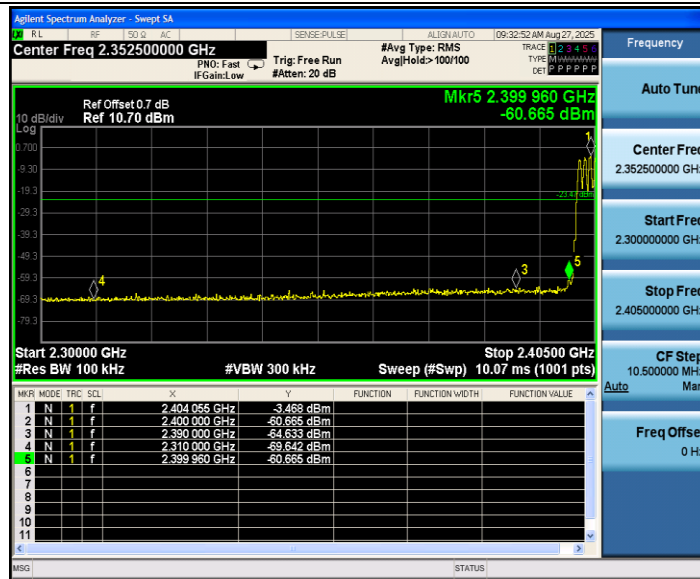
Appendix G: Band edge measurements

Test Result

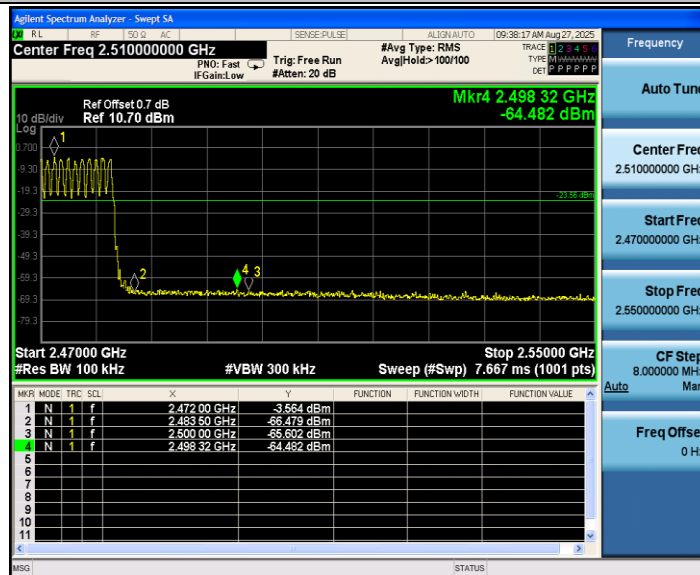
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.44	-52.85	≤ -20.44	PASS
		High	2480	0.13	-51.62	≤ -19.87	PASS
		Low	Hop_2402	-3.47	-60.67	≤ -23.47	PASS
		High	Hop_2480	-3.56	-64.48	≤ -23.56	PASS
2DH5	Ant1	Low	2402	-0.46	-50.21	≤ -20.46	PASS
		High	2480	-1.09	-63.13	≤ -21.09	PASS
		Low	Hop_2402	-6.13	-62.54	≤ -26.13	PASS
		High	Hop_2480	-3.57	-63.74	≤ -23.57	PASS
3DH5	Ant1	Low	2402	-5.05	-57.25	≤ -25.05	PASS
		High	2480	-4.28	-61.27	≤ -24.28	PASS
		Low	Hop_2402	-5.97	-62.62	≤ -25.97	PASS
		High	Hop_2480	-4.04	-62.28	≤ -24.04	PASS

Test Graphs

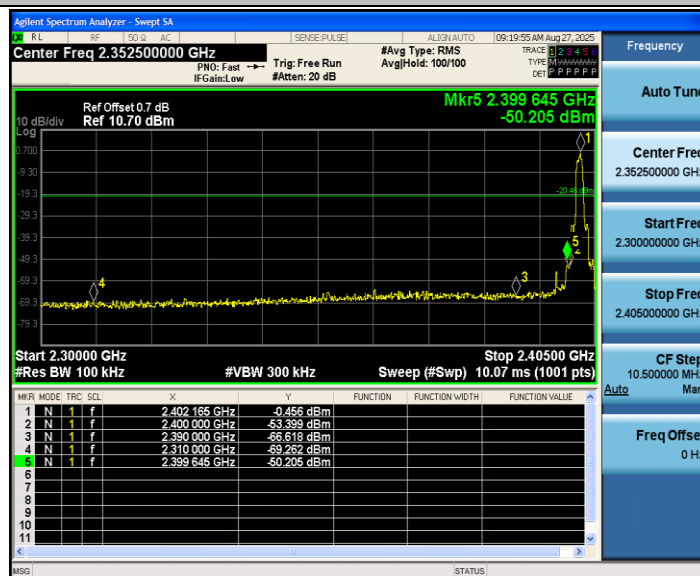




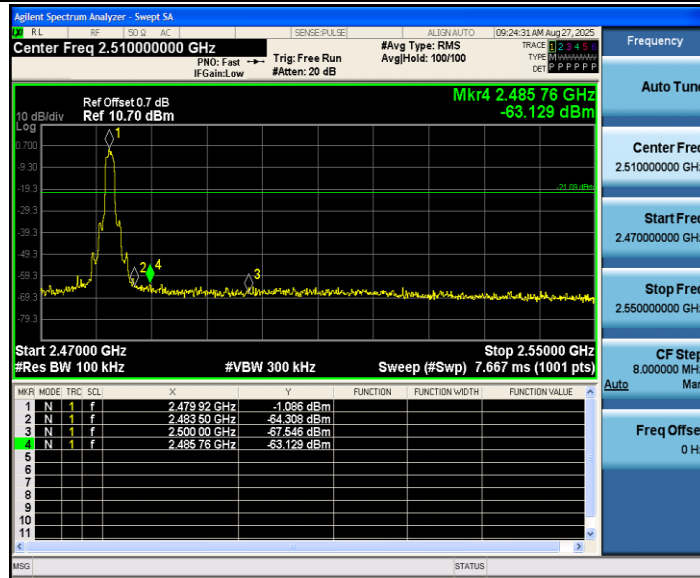
DH5_Ant1_High_Hop_2480



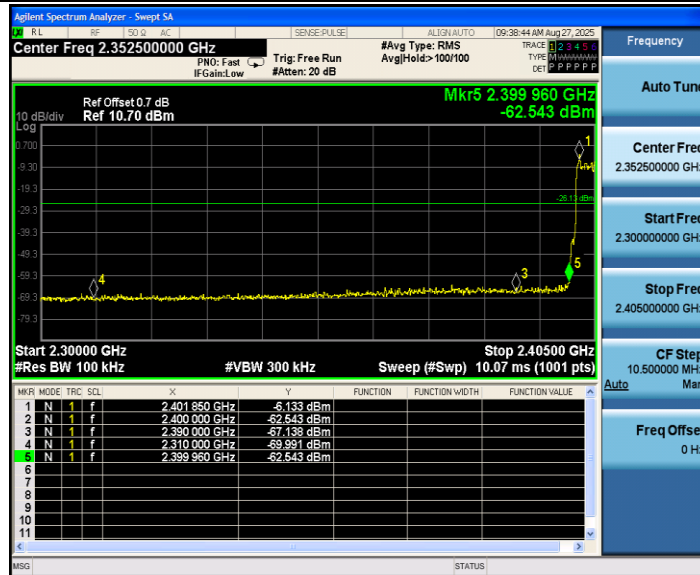
2DH5_Ant1_Low_2402



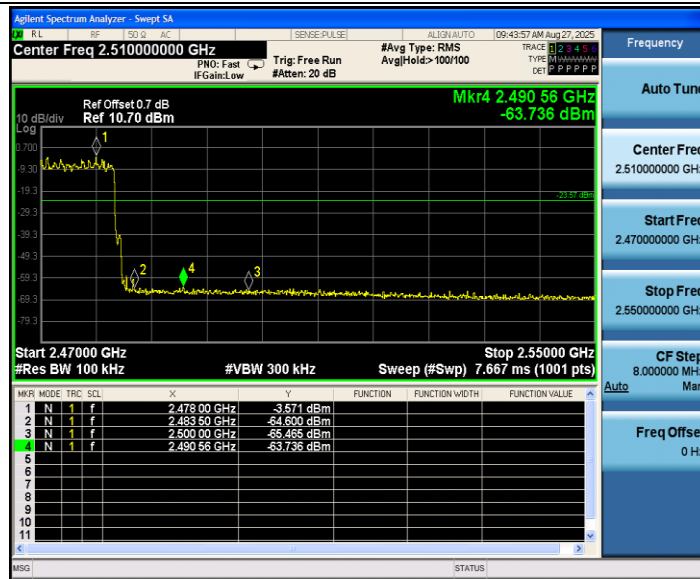
2DH5_Ant1_High_2480



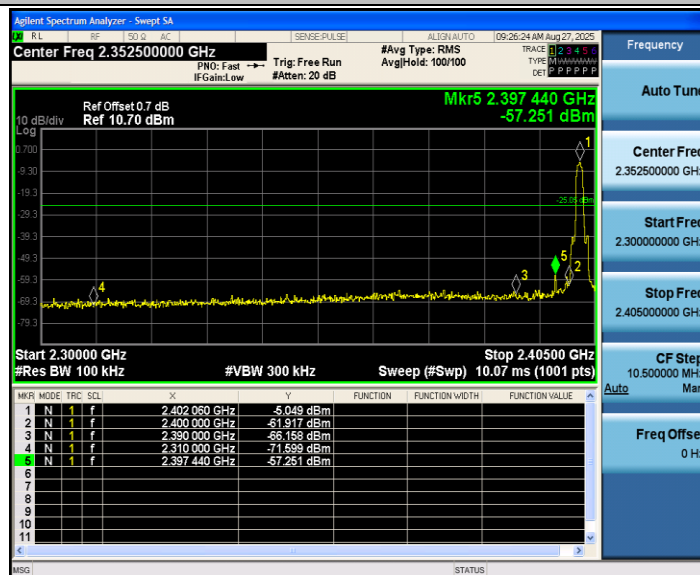
2DH5_Ant1_Low_Hop_2402



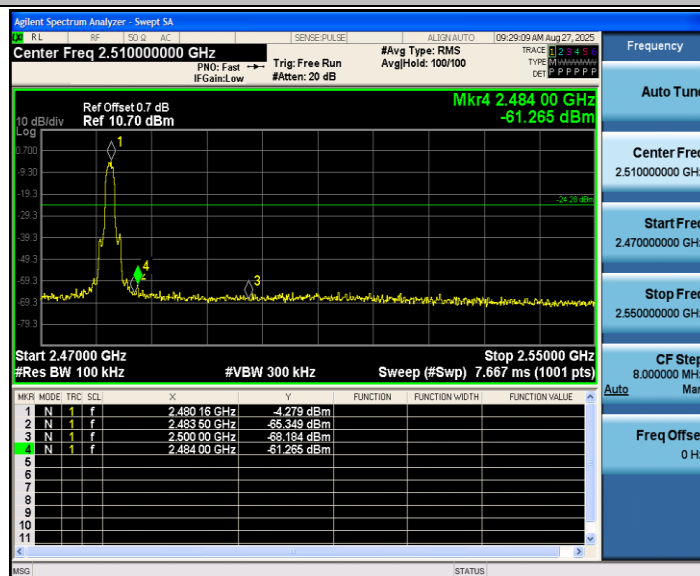
2DH5_Ant1_High_Hop_2480



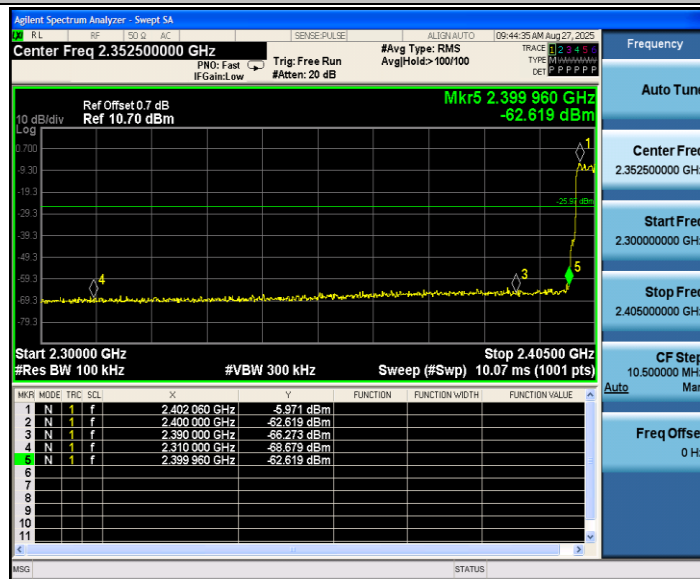
3DH5_Ant1_Low_2402



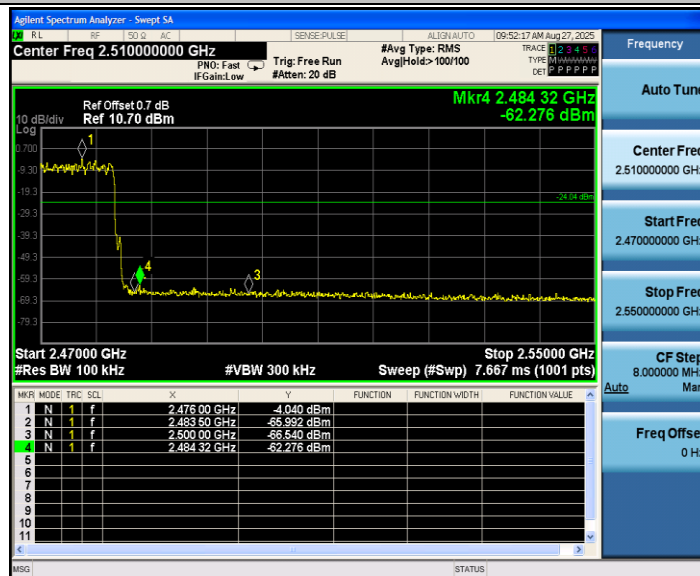
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

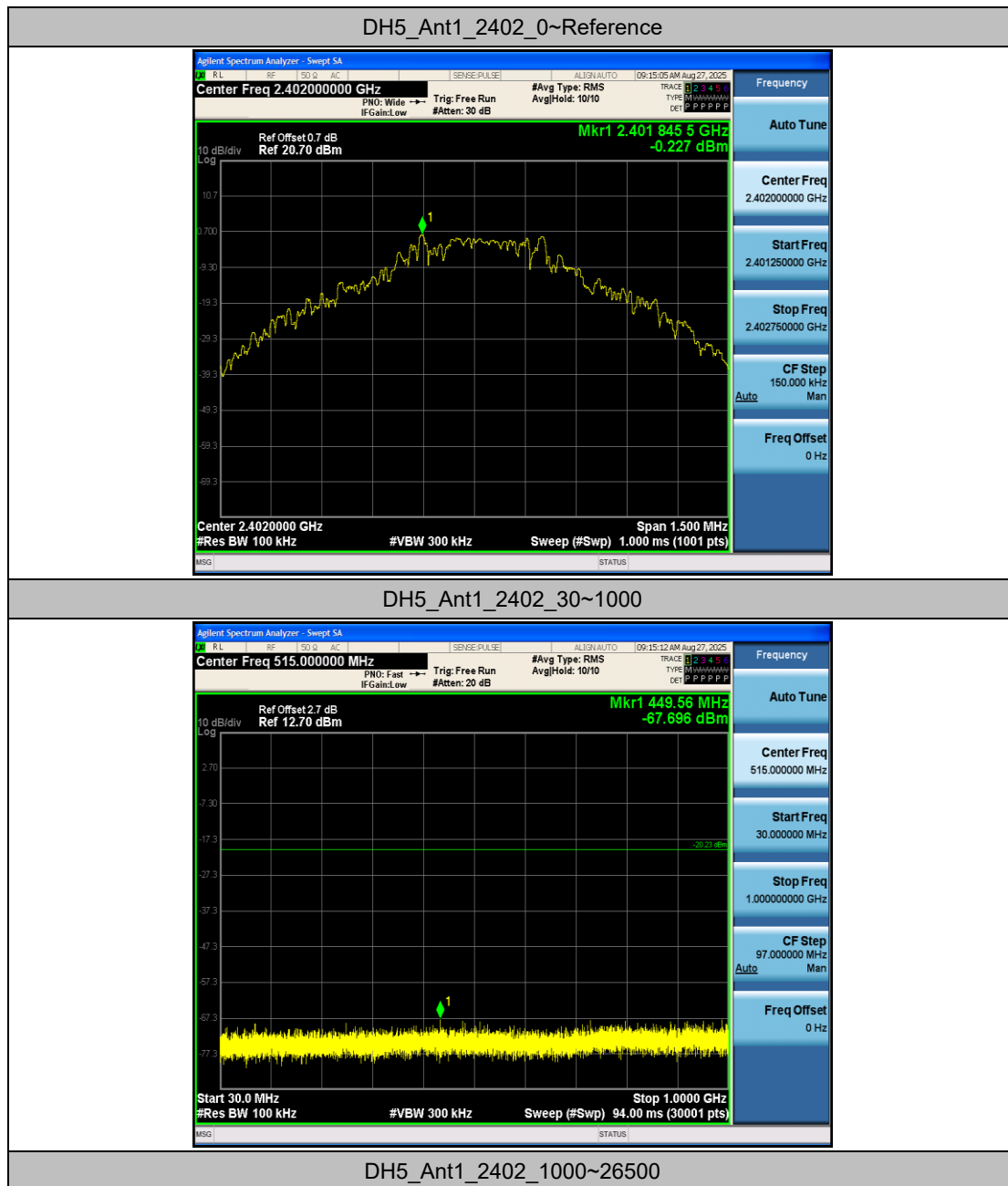


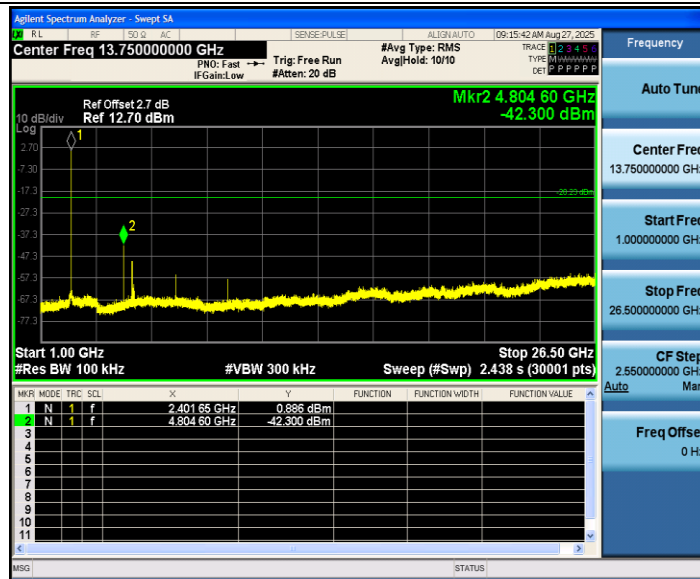
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.23	-0.23	---	PASS
			30~1000	-0.23	-67.7	≤-20.23	PASS
			1000~26500	-0.23	-42.3	≤-20.23	PASS
		2441	Reference	-0.97	-0.97	---	PASS
			30~1000	-0.97	-67.96	≤-20.97	PASS
			1000~26500	-0.97	-42.07	≤-20.97	PASS
		2480	Reference	-0.96	-0.96	---	PASS
			30~1000	-0.96	-67.72	≤-20.96	PASS
			1000~26500	-0.96	-43.48	≤-20.96	PASS
2DH5	Ant1	2402	Reference	-1.67	-1.67	---	PASS
			30~1000	-1.67	-67.21	≤-21.67	PASS
			1000~26500	-1.67	-43.89	≤-21.67	PASS
		2441	Reference	-0.41	-0.41	---	PASS
			30~1000	-0.41	-67.62	≤-20.41	PASS
			1000~26500	-0.41	-43.2	≤-20.41	PASS
		2480	Reference	-2.12	-2.12	---	PASS
			30~1000	-2.12	-67.46	≤-22.12	PASS
			1000~26500	-2.12	-46.11	≤-22.12	PASS
3DH5	Ant1	2402	Reference	-4.81	-4.81	---	PASS
			30~1000	-4.81	-68.03	≤-24.81	PASS
			1000~26500	-4.81	-49.38	≤-24.81	PASS
		2441	Reference	-6.13	-6.13	---	PASS
			30~1000	-6.13	-66.65	≤-26.13	PASS
			1000~26500	-6.13	-48.25	≤-26.13	PASS
		2480	Reference	-5.84	-5.84	---	PASS
			30~1000	-5.84	-68.27	≤-25.84	PASS
			1000~26500	-5.84	-49.81	≤-25.84	PASS

Test Graphs

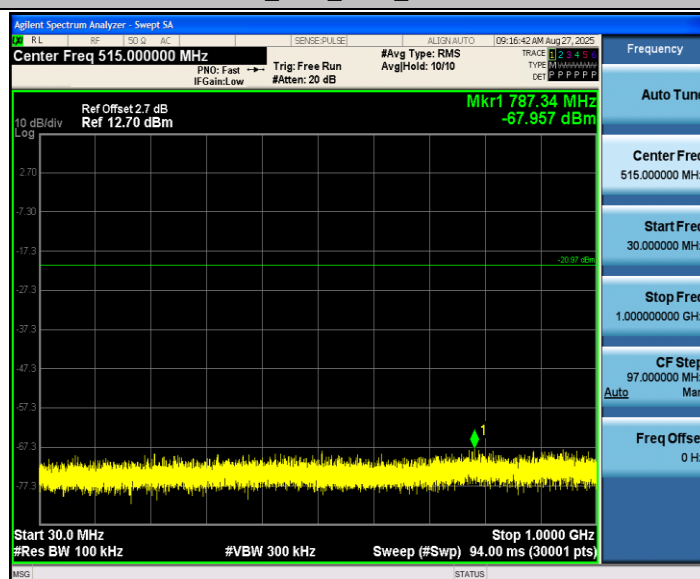




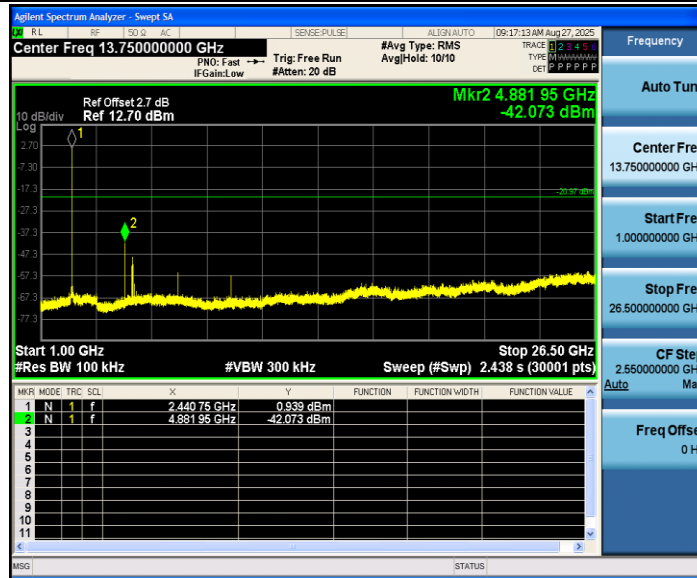
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



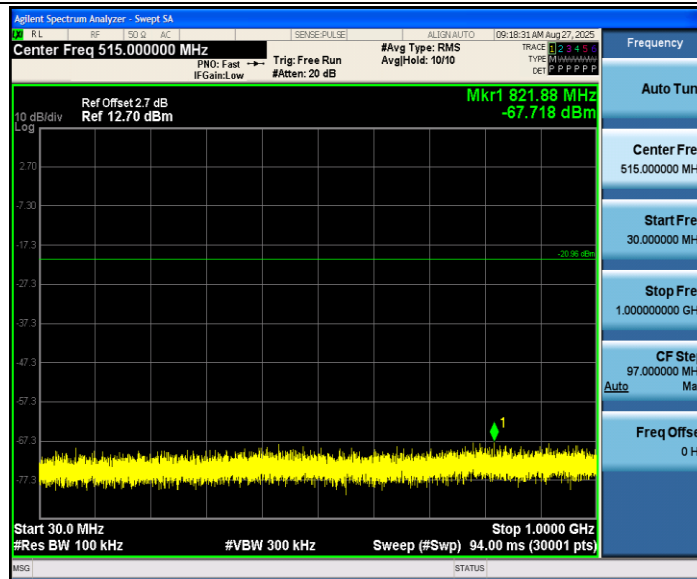
DH5_Ant1_2441_1000~26500



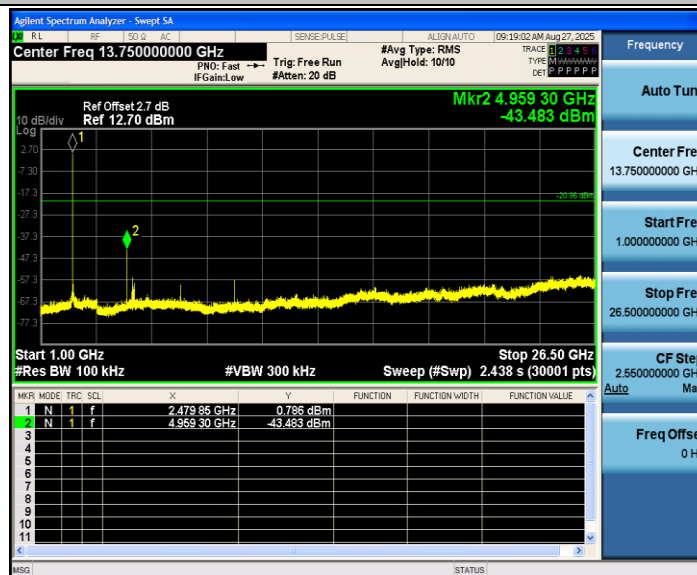
DH5_Ant1_2480_0~Reference



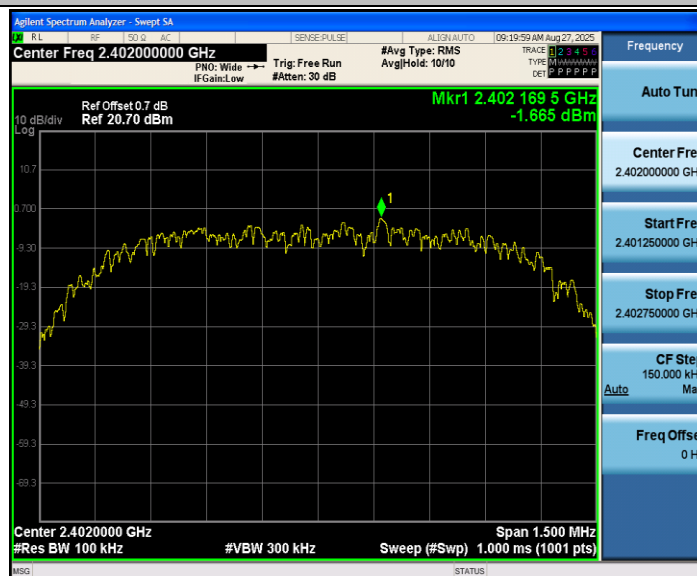
DH5_Ant1_2480_30~1000



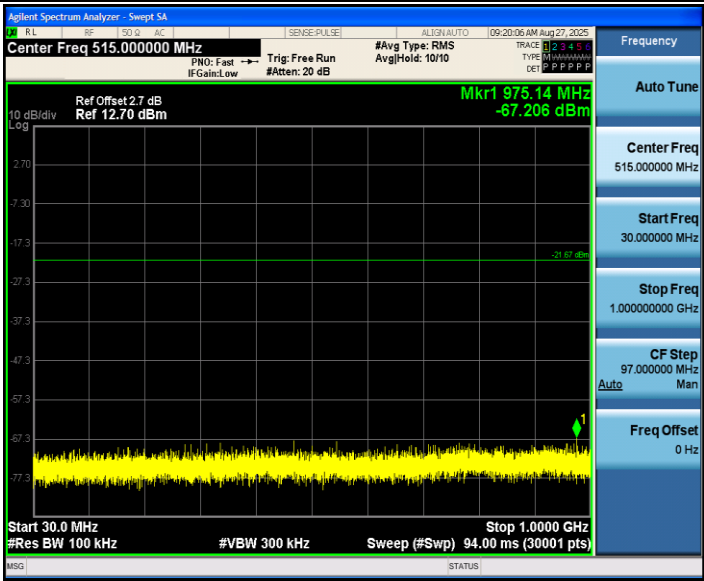
DH5_Ant1_2480_1000~26500



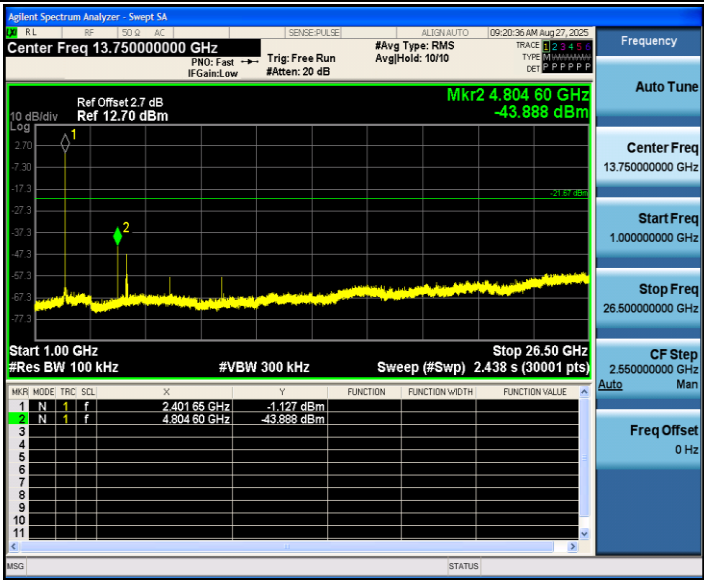
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference