

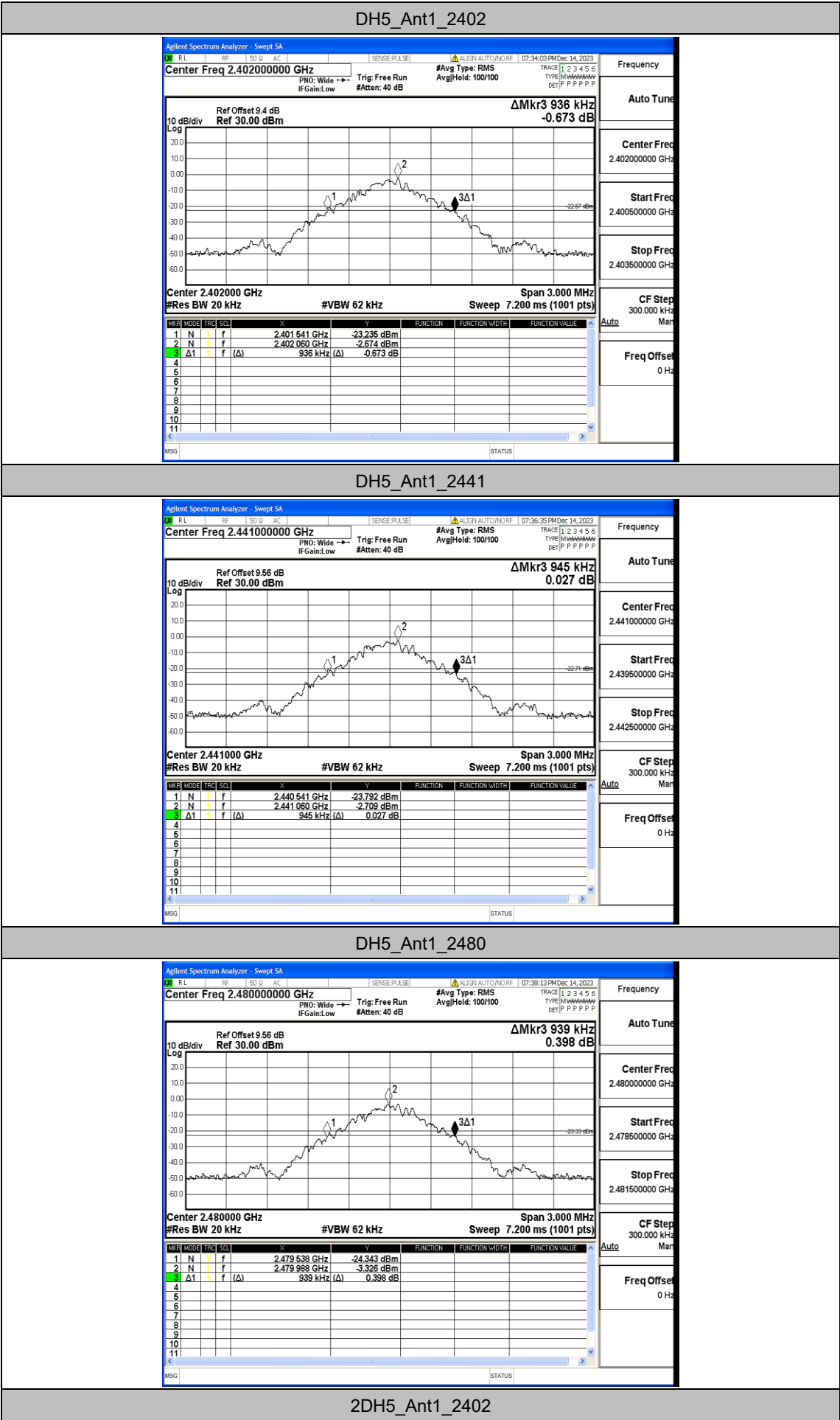
Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)**Product Name: Bluetooth Earphones****Trade Mark: CDX****Test Model: M1****FCC ID: 2AQK8-M1****Environmental Conditions**

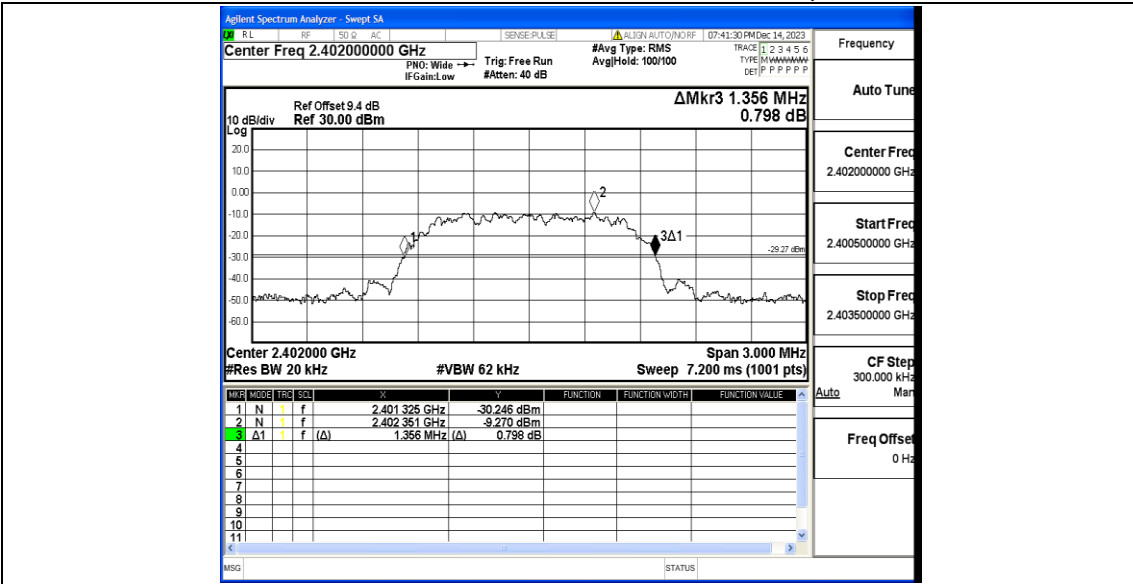
Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: 20dB Emission Bandwidth**Test Result**

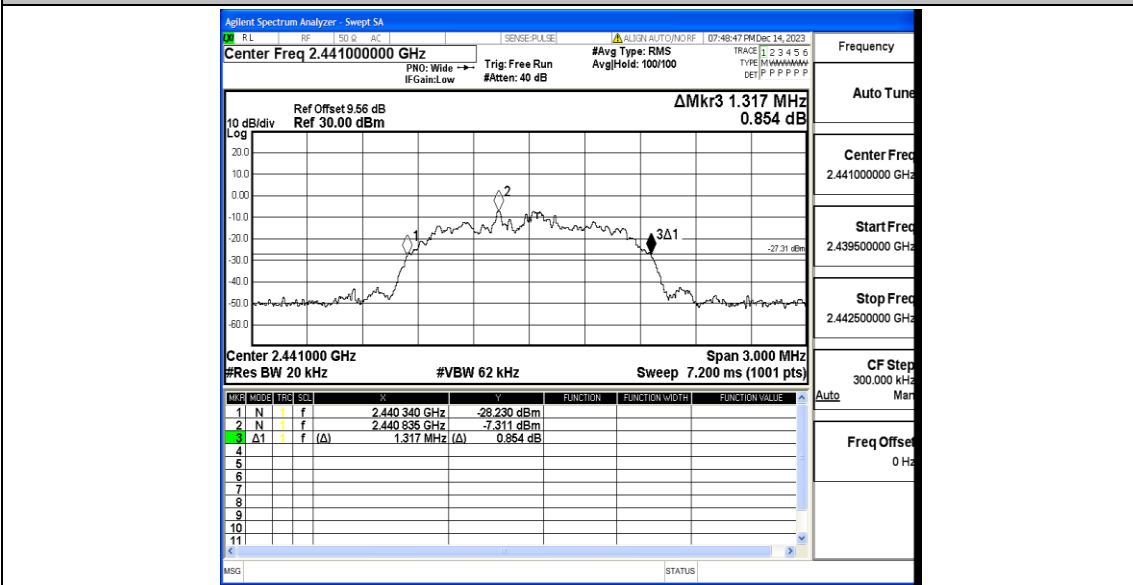
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.936	2401.541	2402.477	---	---
		2441	0.945	2440.541	2441.486	---	---
		2480	0.939	2479.538	2480.477	---	---
2DH5	Ant1	2402	1.356	2401.325	2402.681	---	---
		2441	1.317	2440.340	2441.657	---	---
		2480	1.335	2479.334	2480.669	---	---
3DH5	Ant1	2402	1.272	2401.355	2402.627	---	---
		2441	1.269	2440.358	2441.627	---	---
		2480	1.287	2479.358	2480.645	---	---

Test Graphs

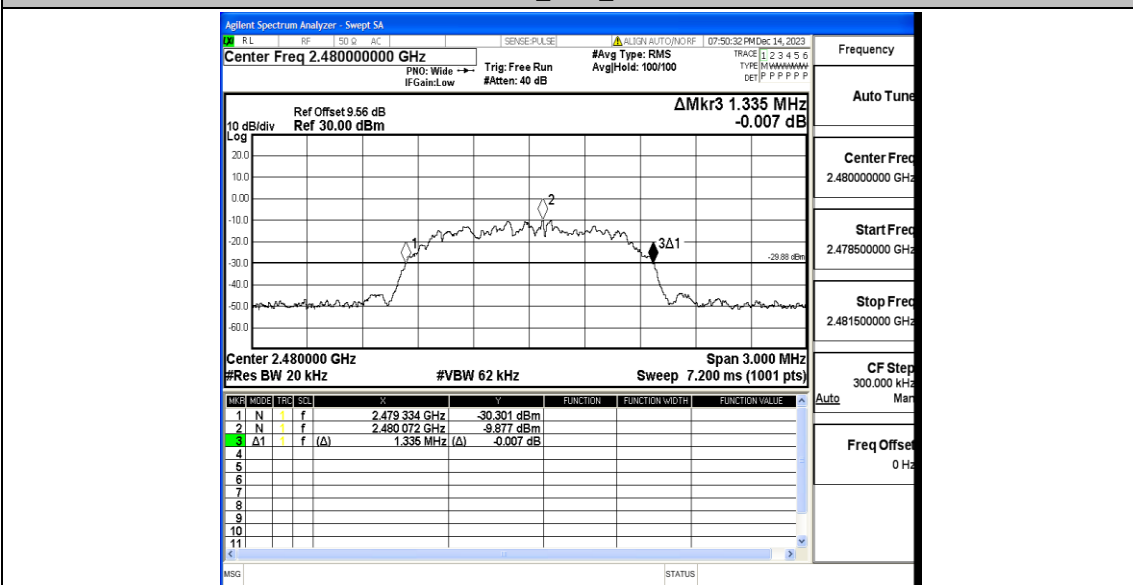




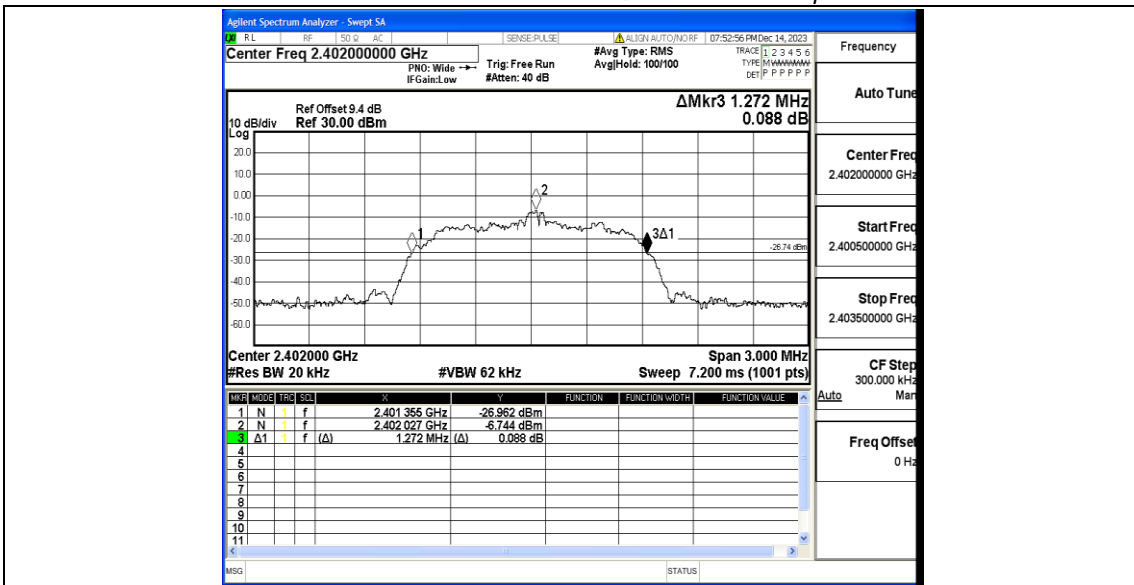
2DH5_Ant1_2441



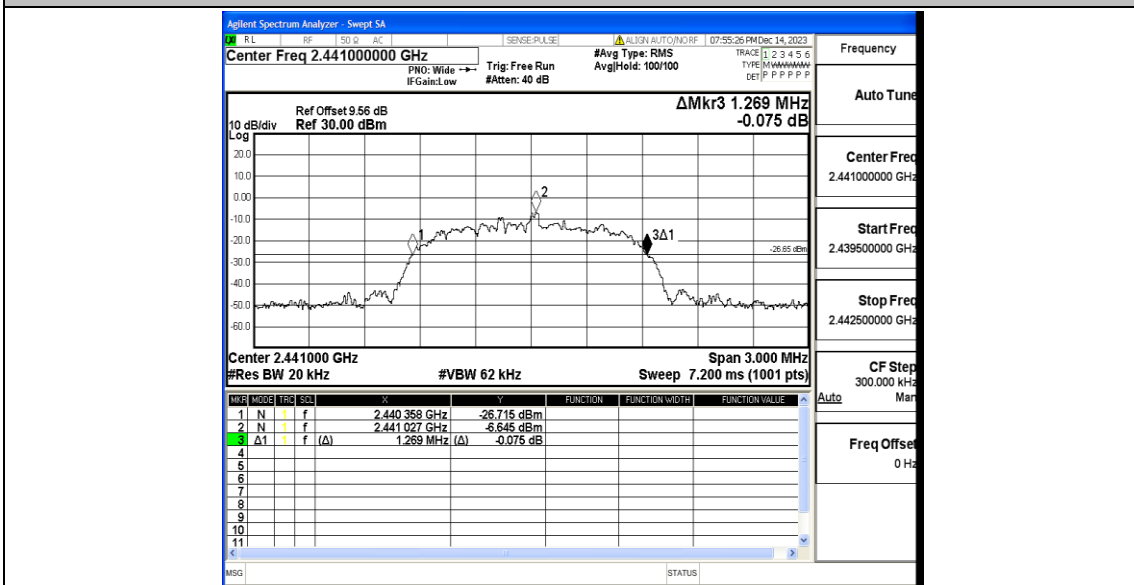
2DH5_Ant1_2480



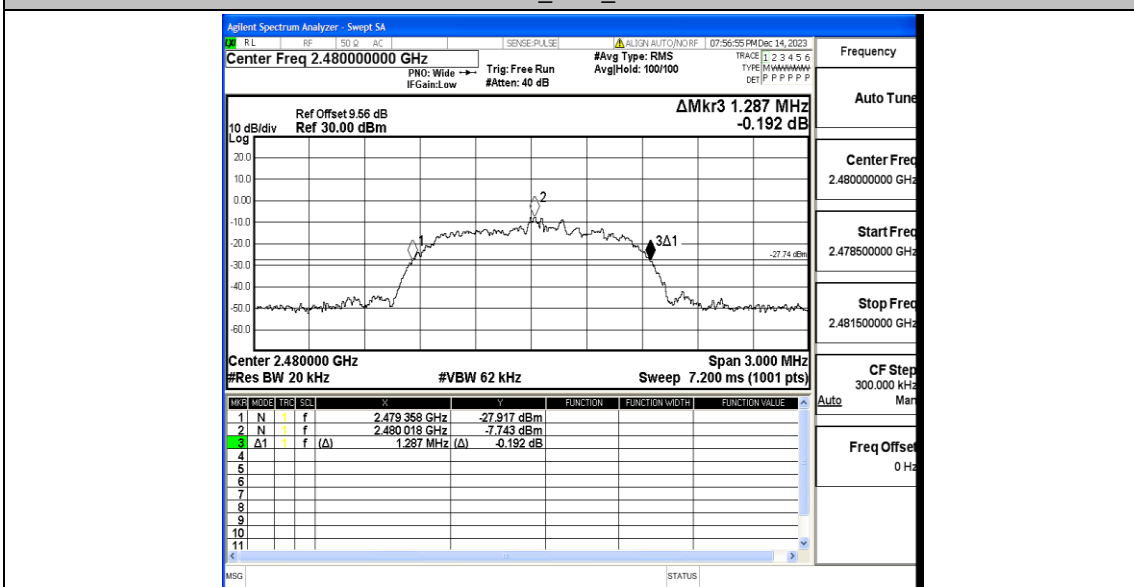
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

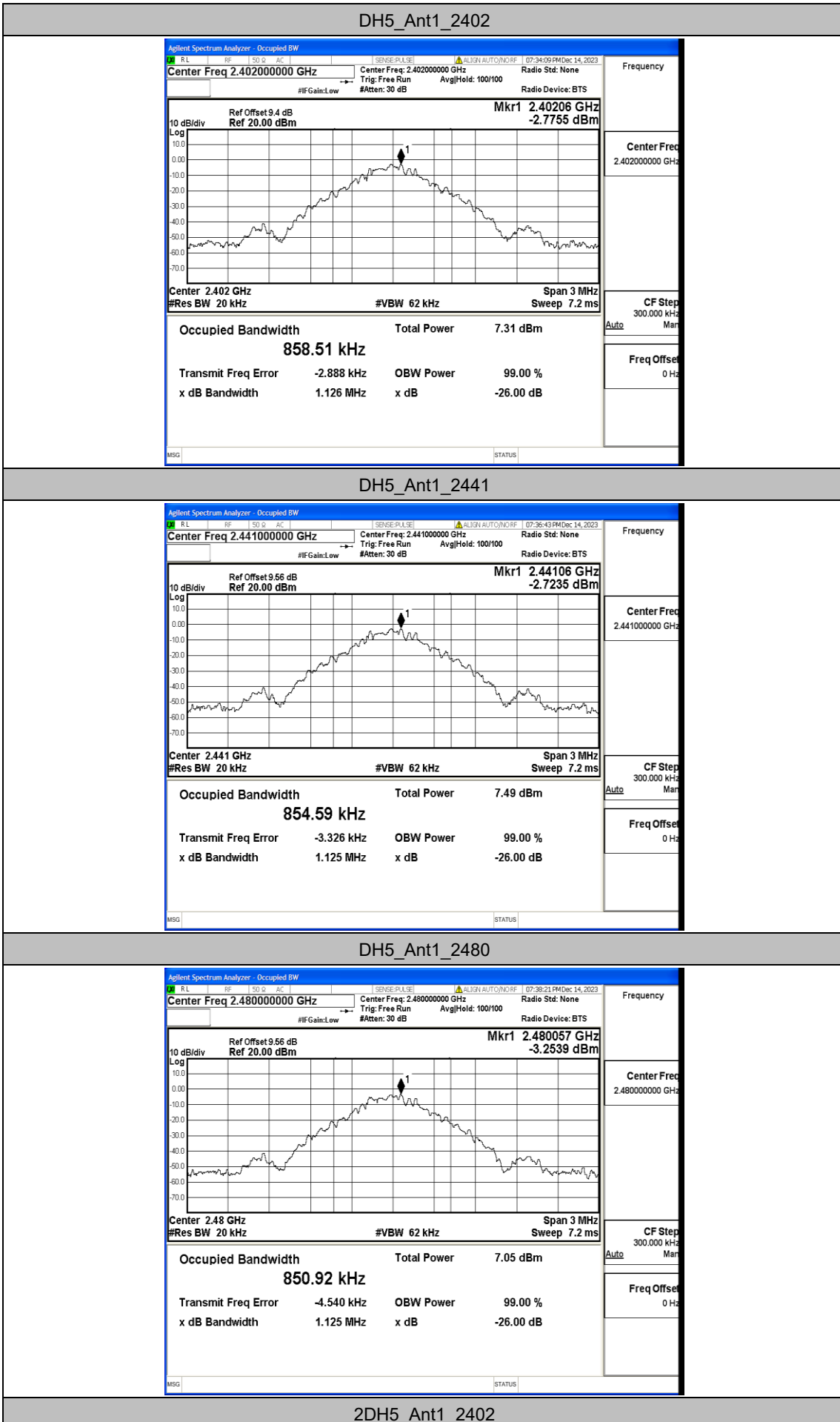


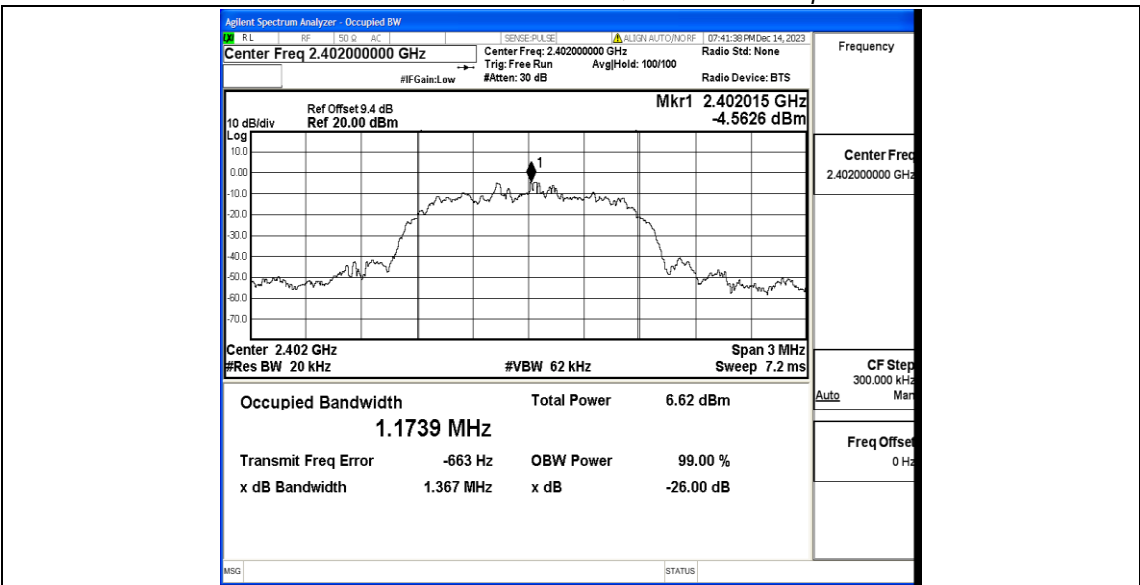
Appendix B: Occupied Channel Bandwidth

Test Result

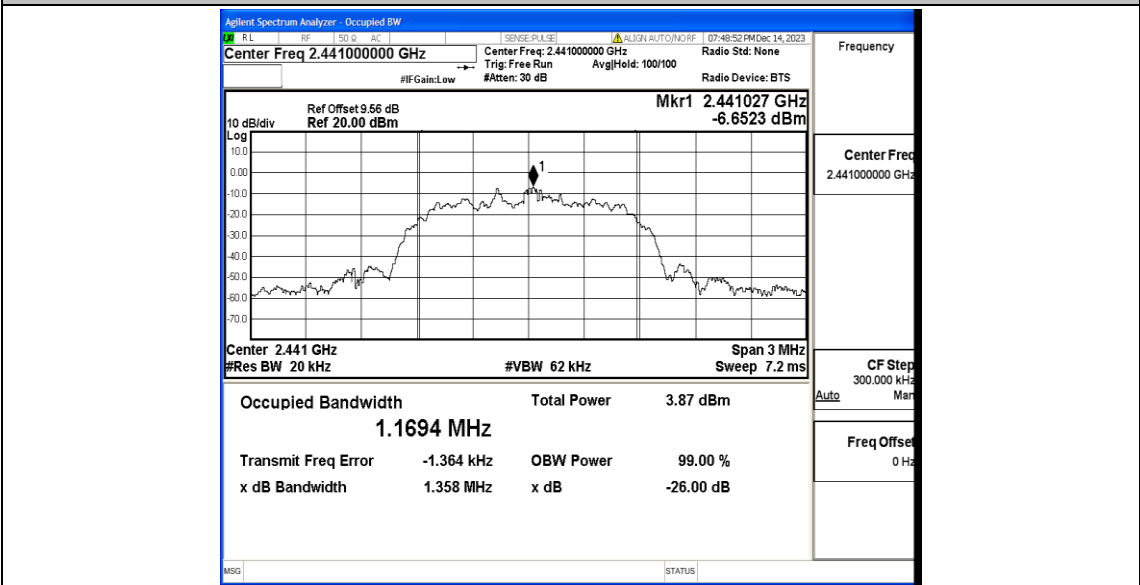
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85851	2401.5679	2402.4264	---	---
		2441	0.85459	2440.5694	2441.4240	---	---
		2480	0.85092	2479.5700	2480.4209	---	---
2DH5	Ant1	2402	1.1739	2401.4124	2402.5863	---	---
		2441	1.1694	2440.4139	2441.5833	---	---
		2480	1.1663	2479.4161	2480.5824	---	---
3DH5	Ant1	2402	1.1709	2401.4128	2402.5837	---	---
		2441	1.1769	2440.4104	2441.5873	---	---
		2480	1.1728	2479.4149	2480.5877	---	---

Test Graphs

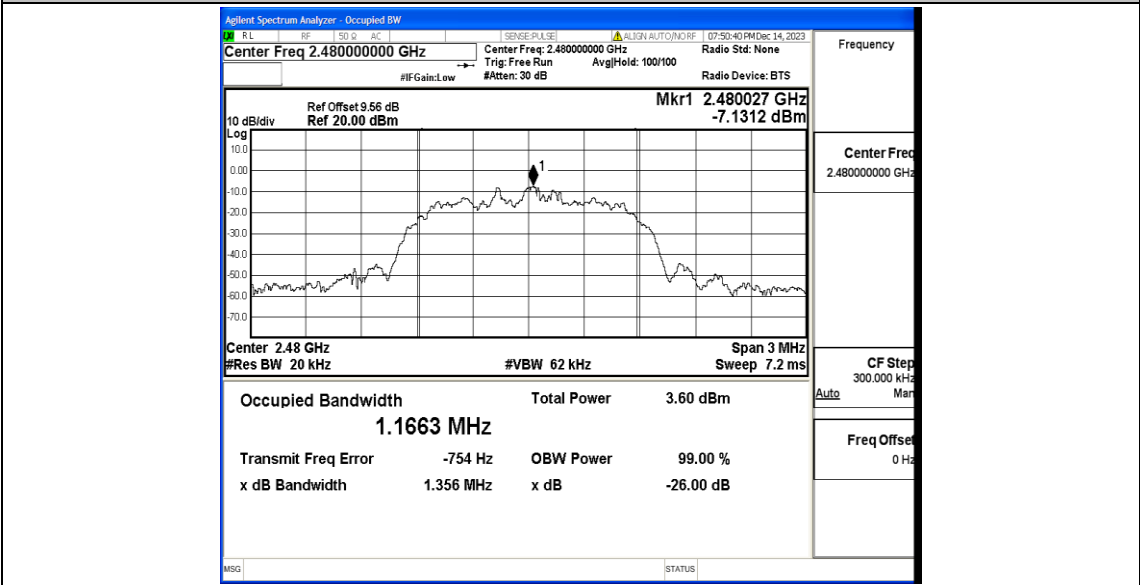




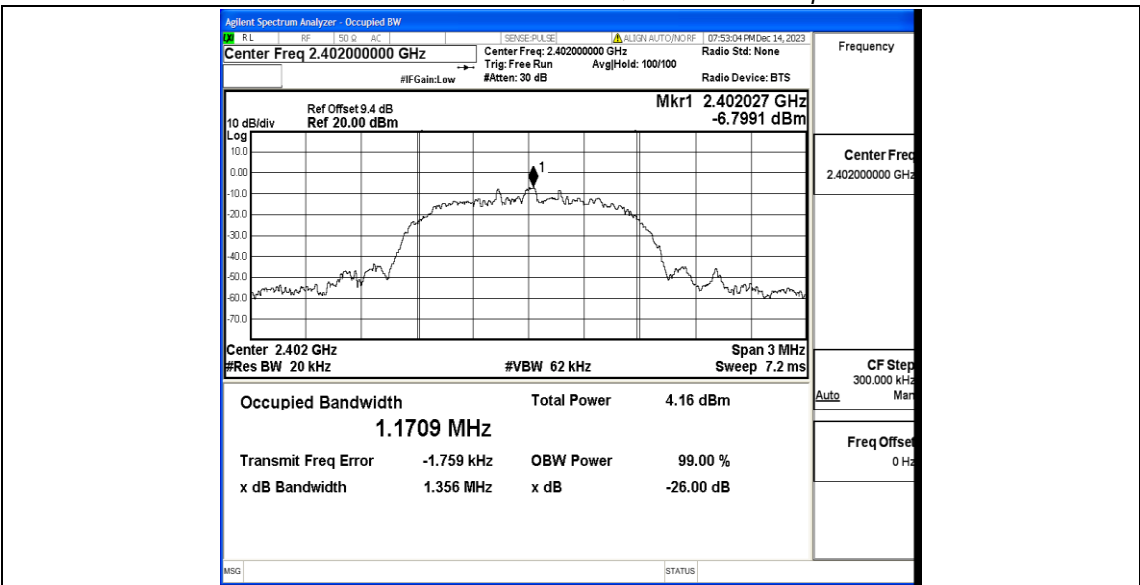
2DH5_Ant1_2441



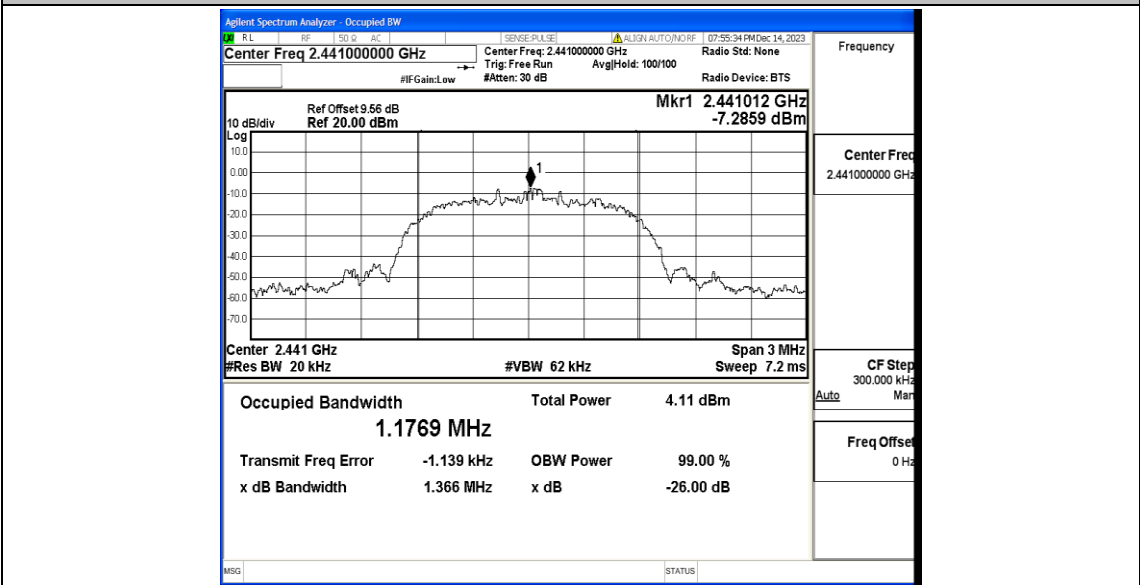
2DH5_Ant1_2480



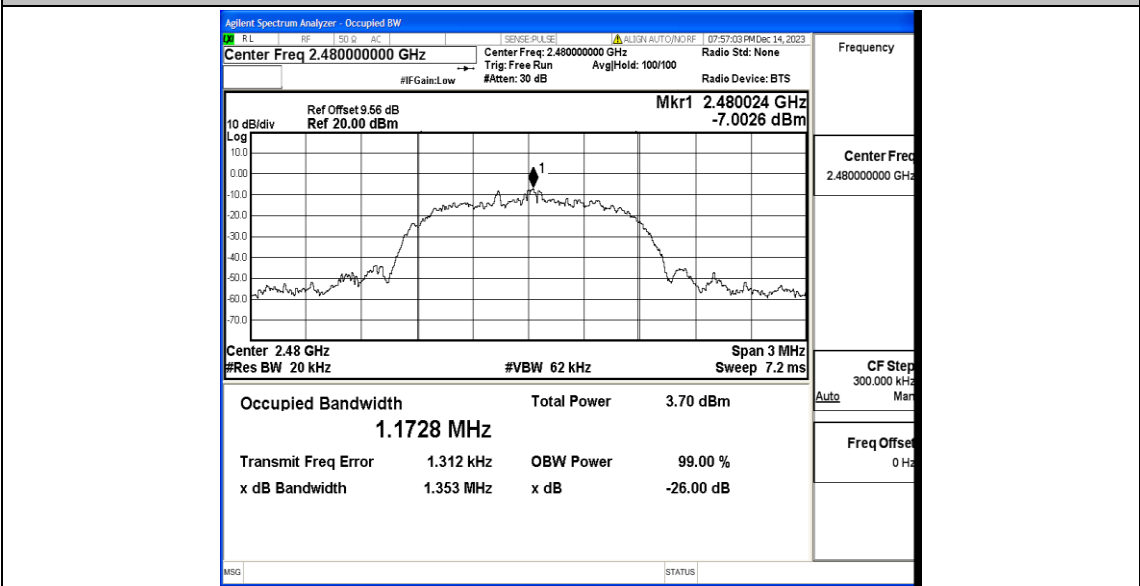
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

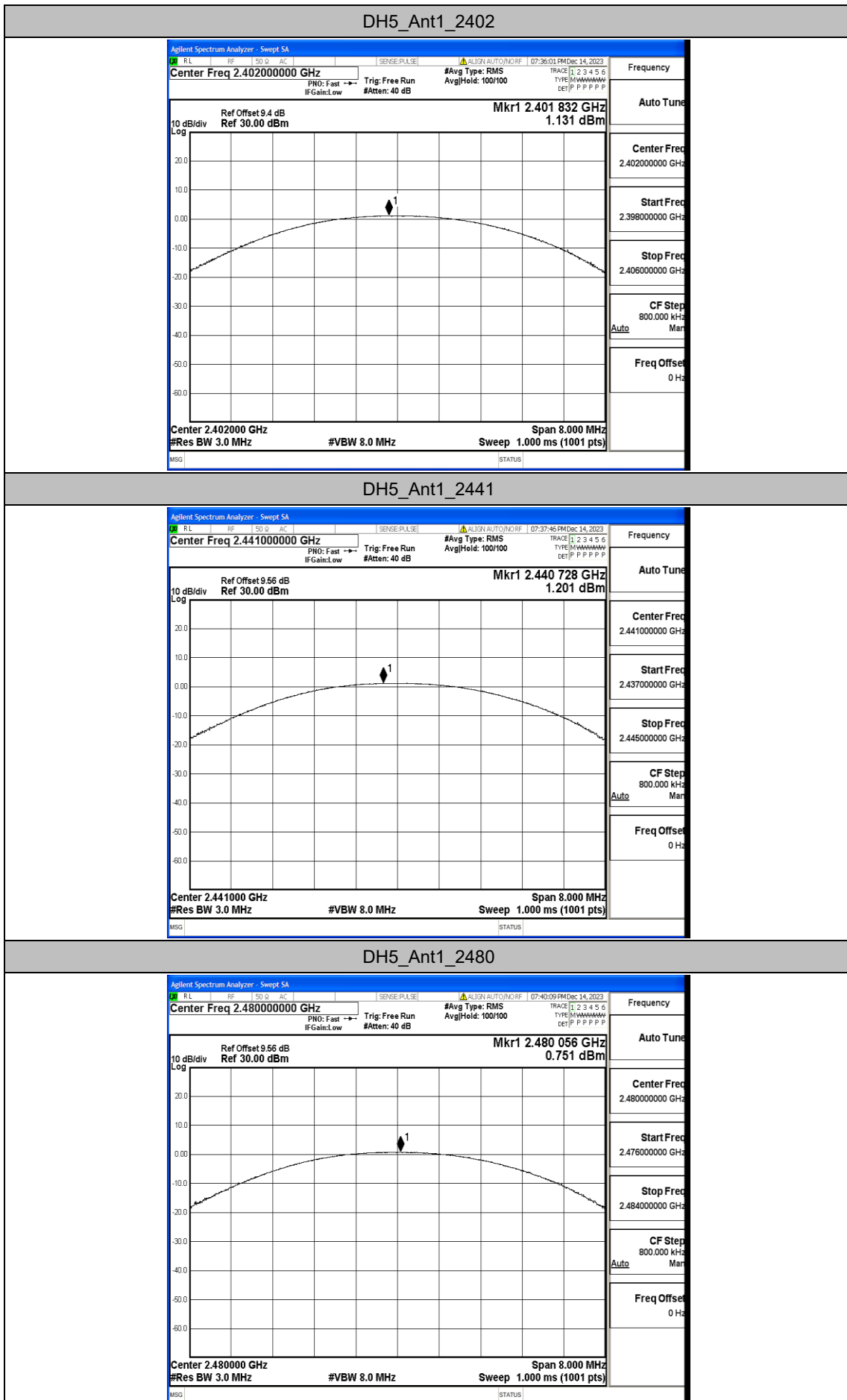


Appendix C: Maximum Peak conducted output power

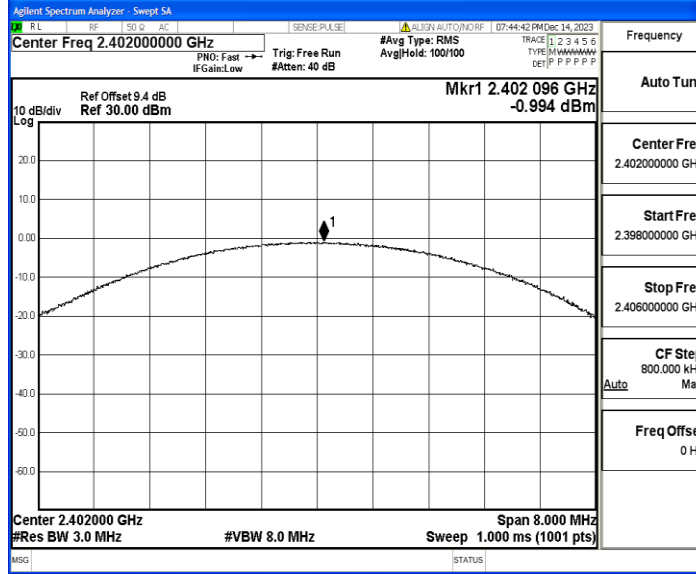
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.13	≤30	PASS
		2441	1.2	≤30	PASS
		2480	0.75	≤30	PASS
2DH5	Ant1	2402	-0.99	≤20.97	PASS
		2441	-0.98	≤20.97	PASS
		2480	-1.43	≤20.97	PASS
3DH5	Ant1	2402	-0.52	≤20.97	PASS
		2441	-0.44	≤20.97	PASS
		2480	-0.78	≤20.97	PASS

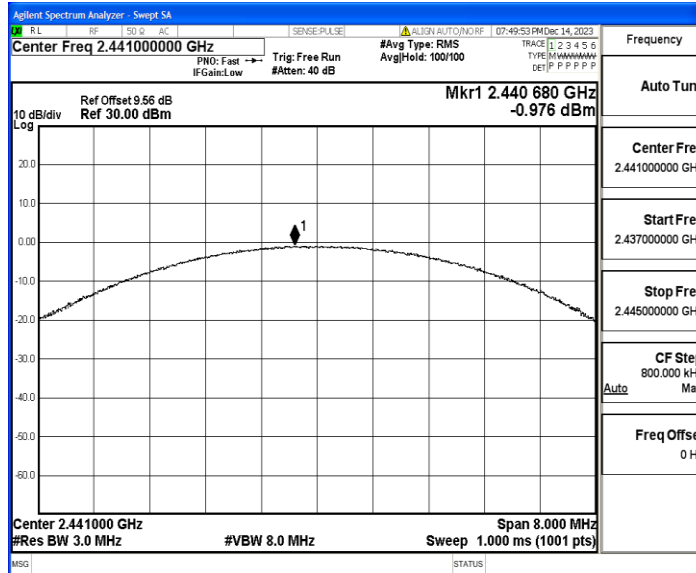
Test Graphs



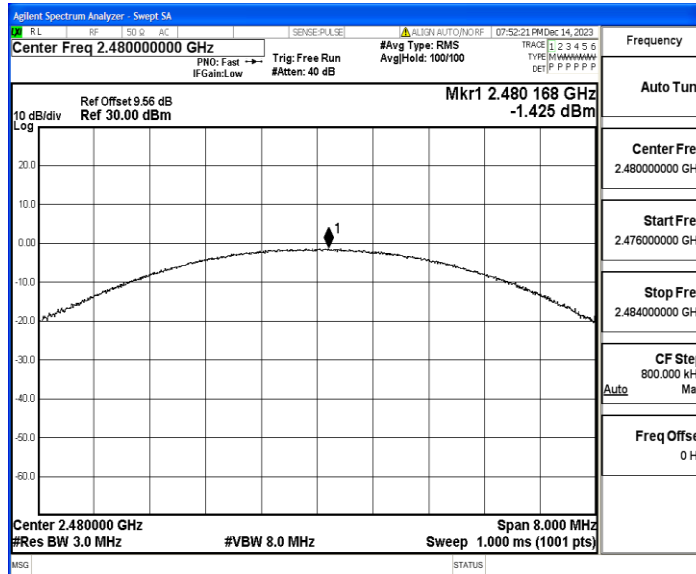
2DH5_Ant1_2402



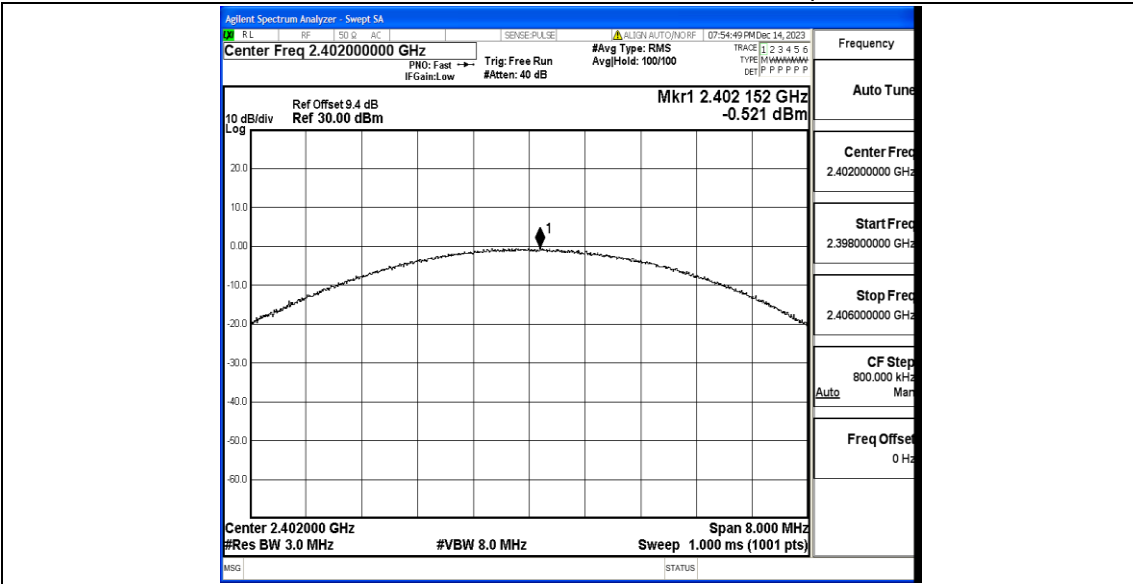
2DH5_Ant1_2441



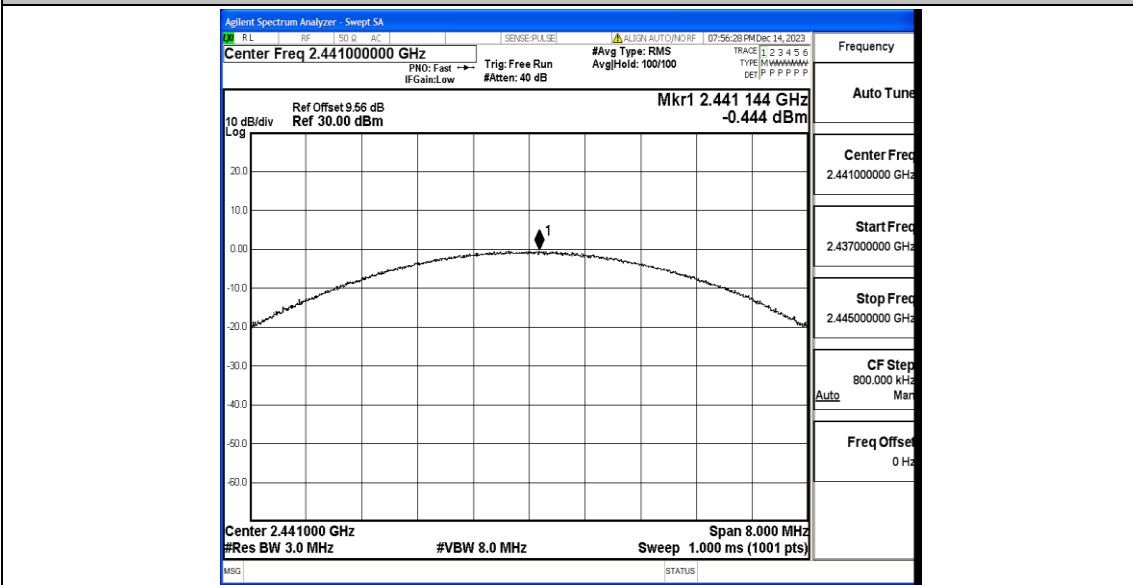
2DH5_Ant1_2480



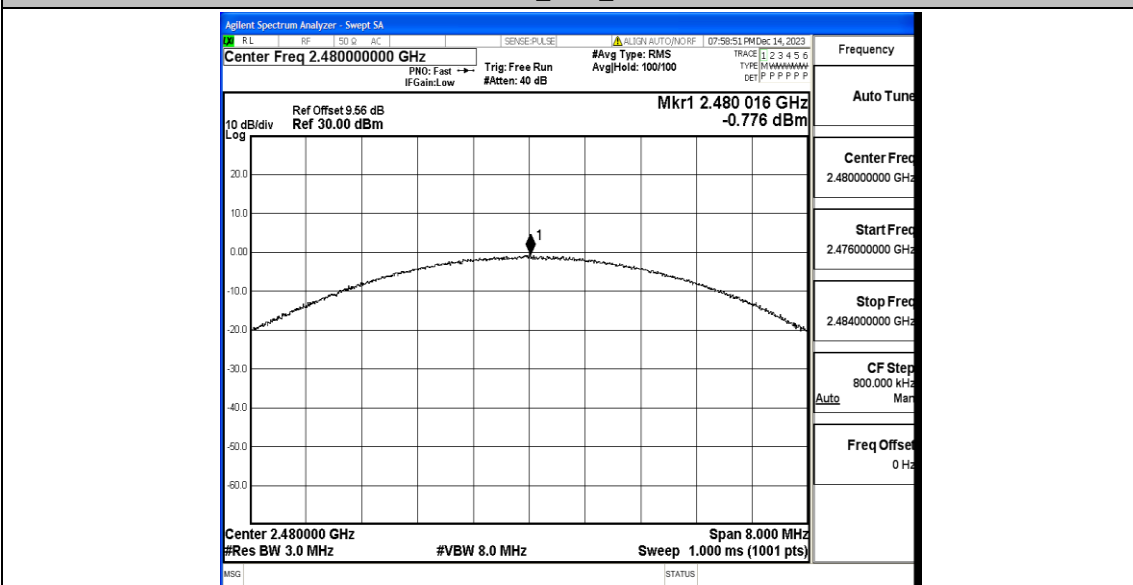
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

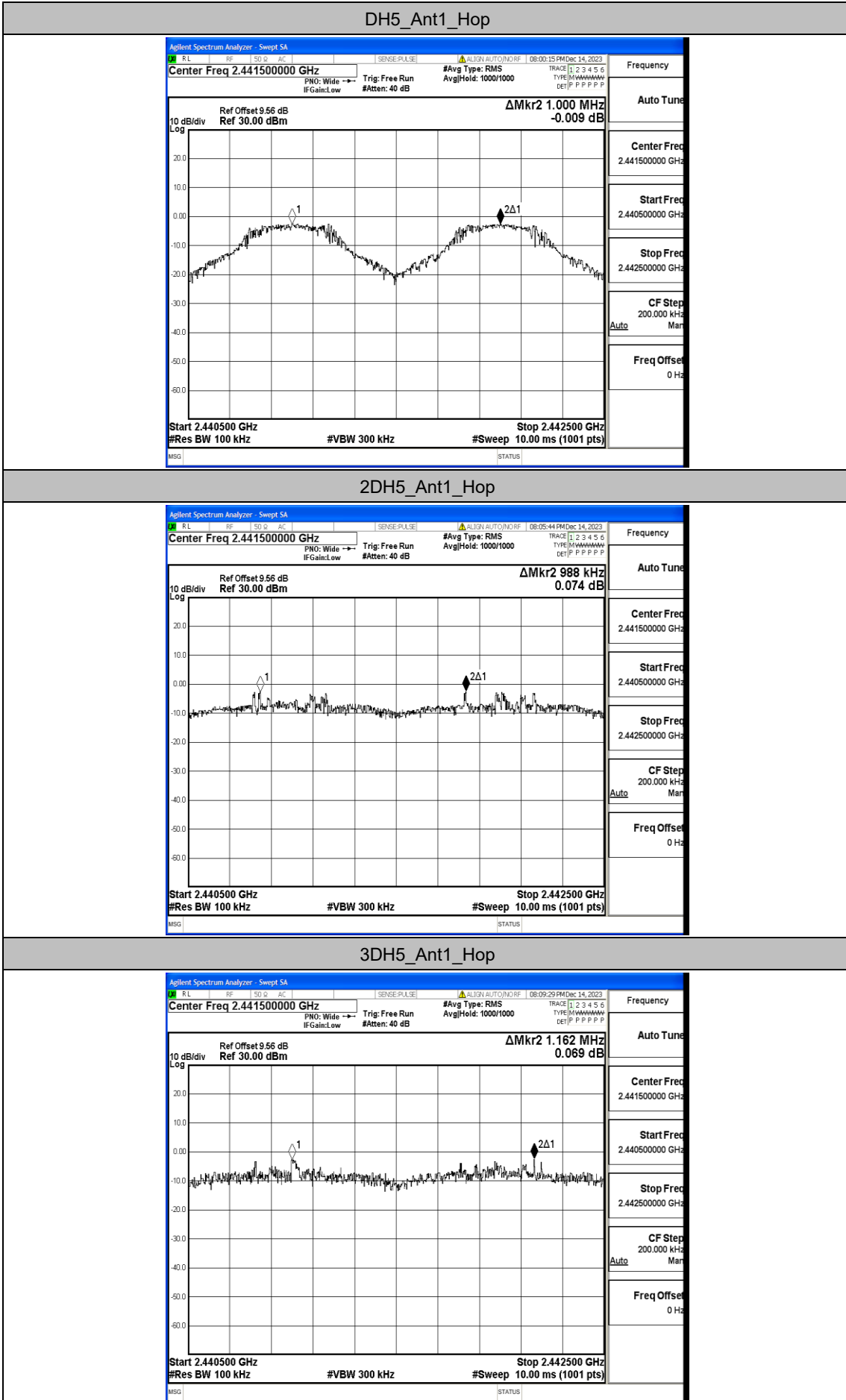


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.945	PASS
2DH5	Ant1	Hop	0.988	≥ 0.904	PASS
3DH5	Ant1	Hop	1.162	≥ 0.858	PASS

Test Graphs

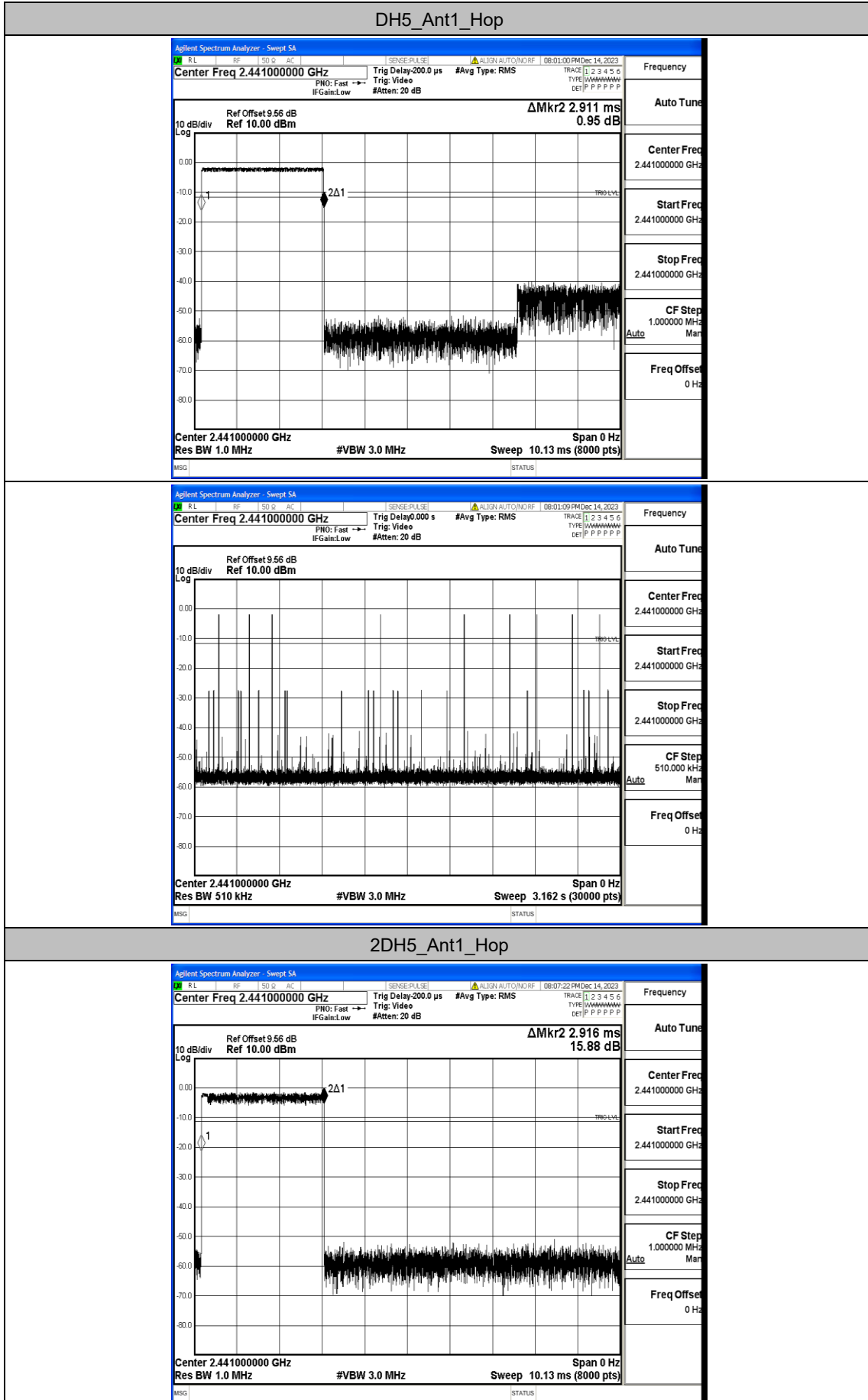


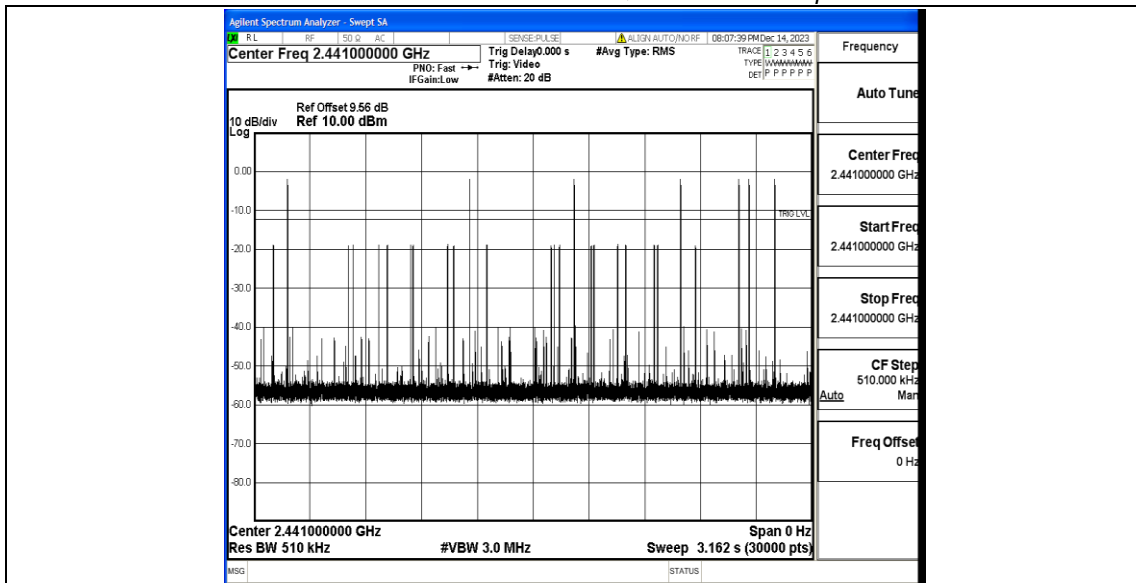
Appendix E: Time of occupancy

Test Result

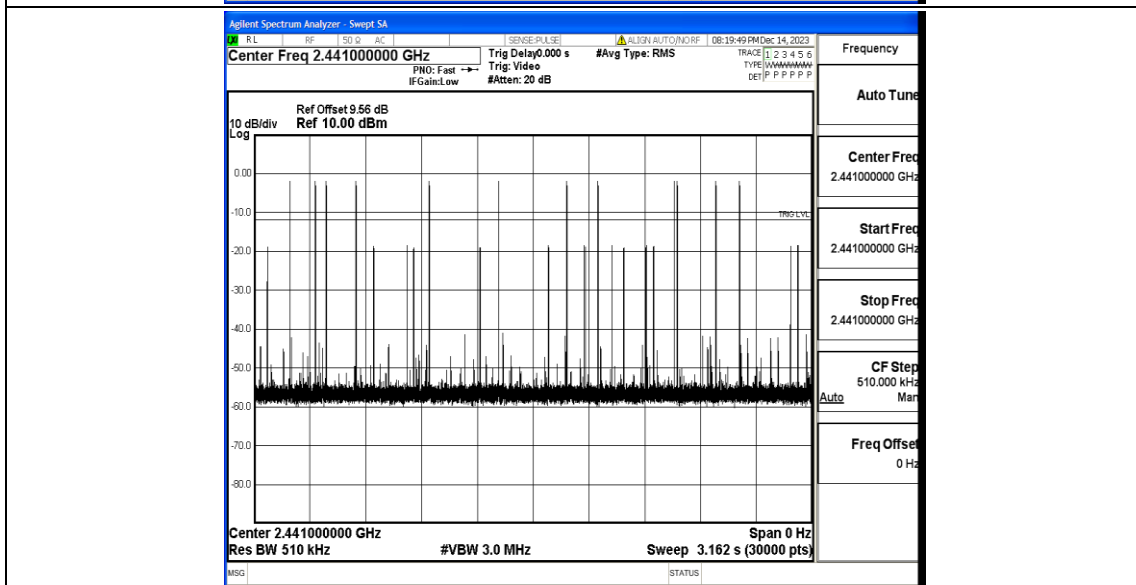
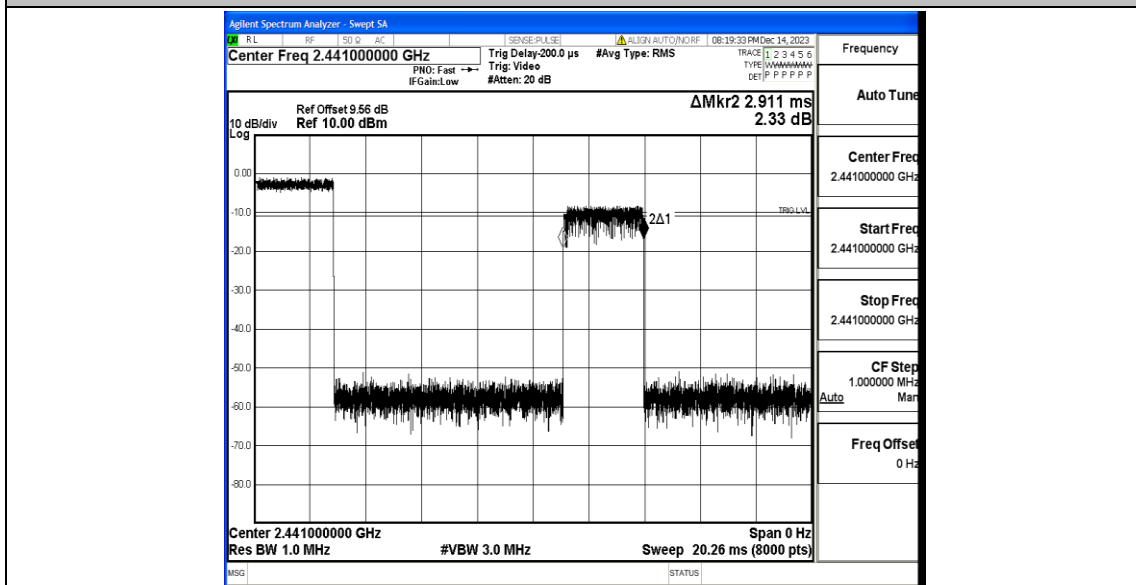
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.911	100	0.291	≤0.4	PASS
2DH5	Ant1	Hop	2.916	80	0.233	≤0.4	PASS
3DH5	Ant1	Hop	2.911	130	0.378	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

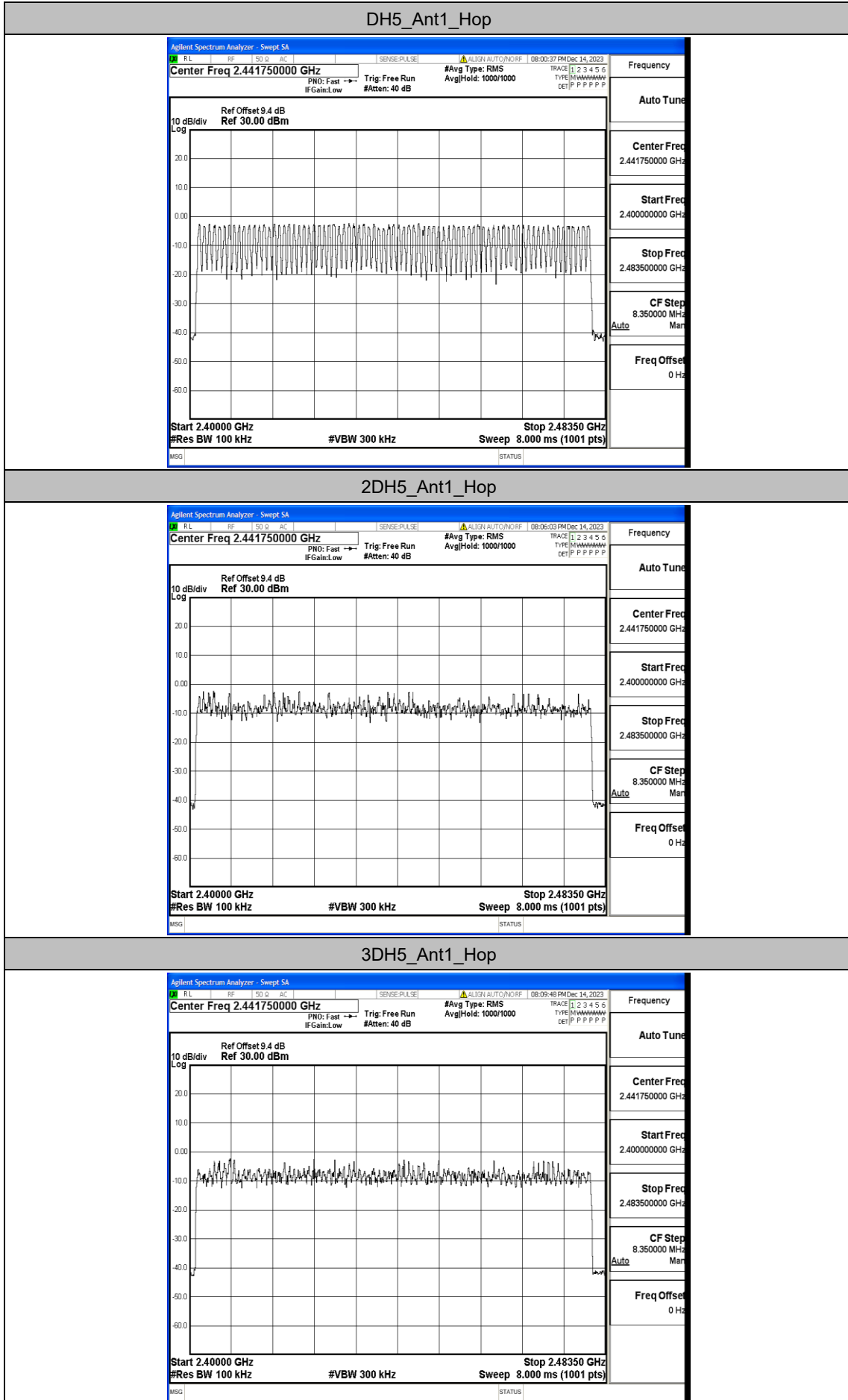


Appendix F: Number of hopping channels

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

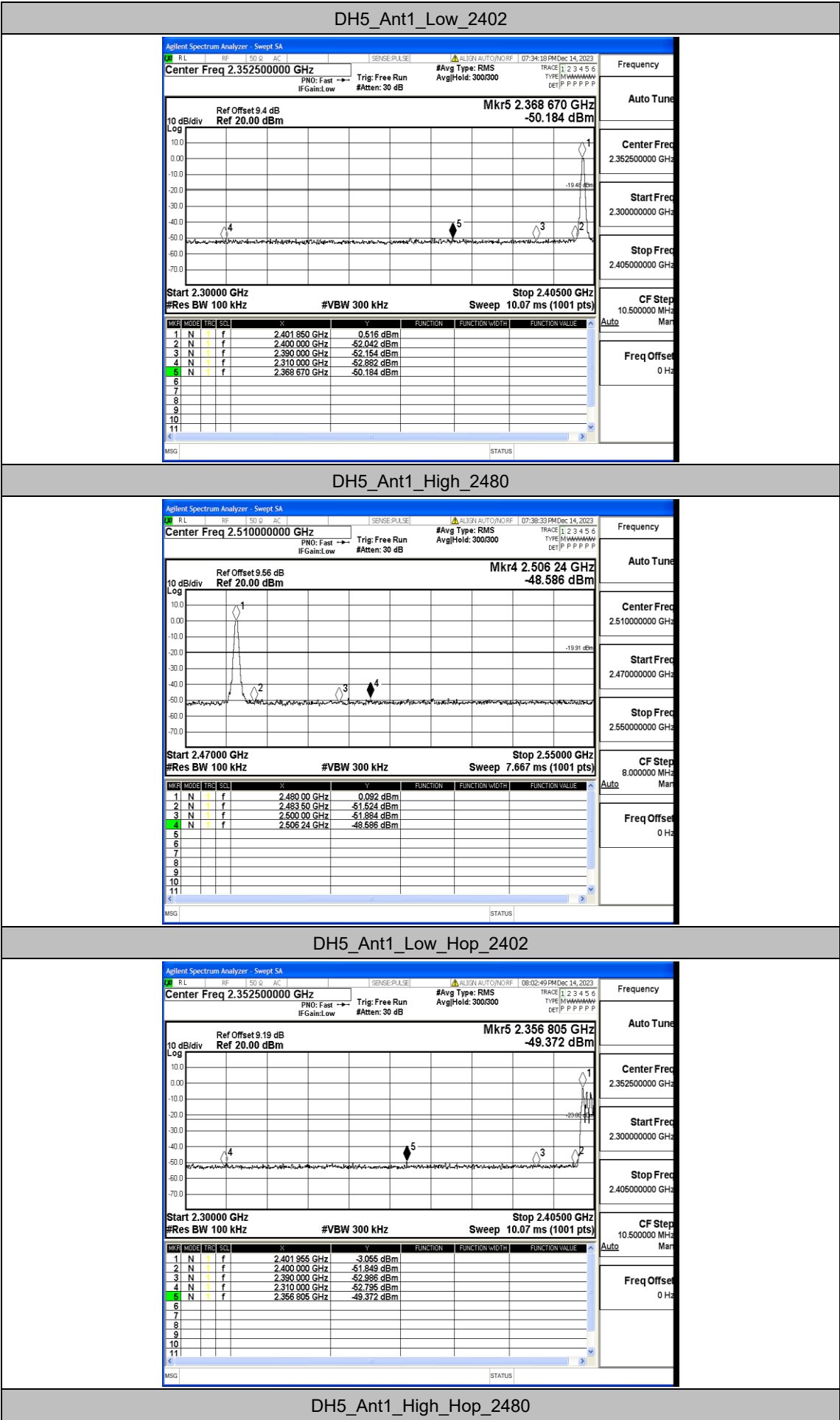


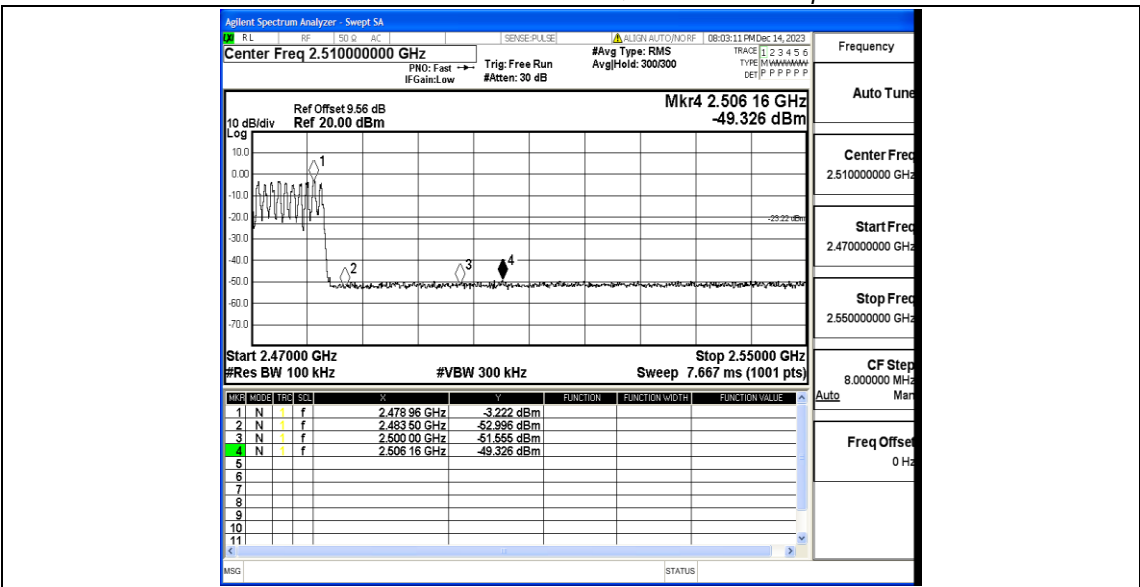
Appendix G: Band edge measurements

Test Result

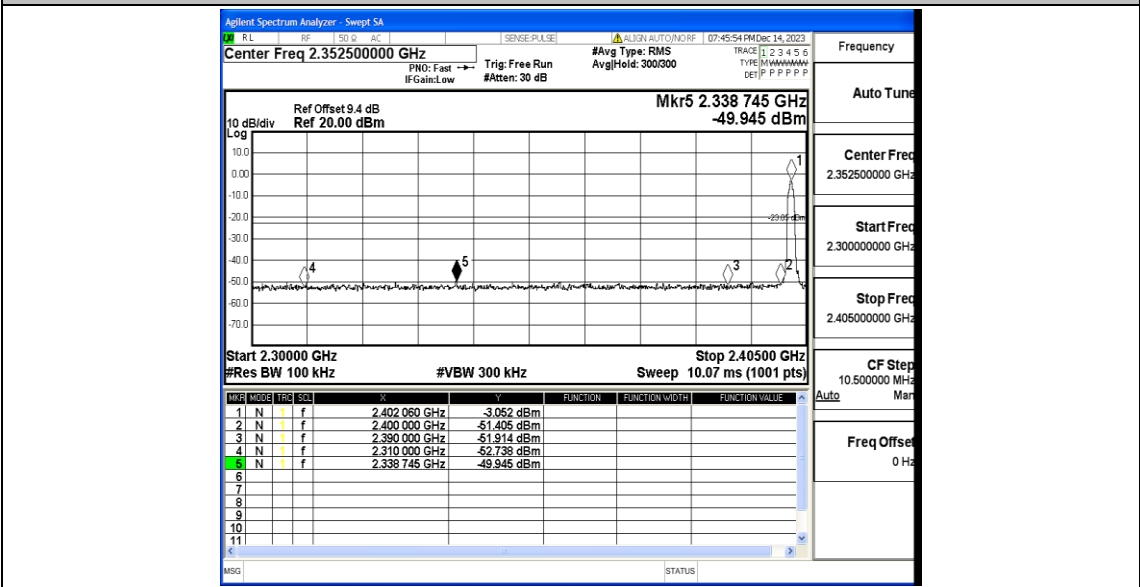
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.52	-50.18	≤-19.48	PASS
		High	2480	0.09	-48.59	≤-19.91	PASS
		Low	Hop_2402	-3.06	-49.37	≤-23.06	PASS
		High	Hop_2480	-3.22	-49.33	≤-23.22	PASS
2DH5	Ant1	Low	2402	-3.05	-49.95	≤-23.05	PASS
		High	2480	-3.25	-48.83	≤-23.25	PASS
		Low	Hop_2402	-3.73	-50.61	≤-23.73	PASS
		High	Hop_2480	-4.29	-48.76	≤-24.29	PASS
3DH5	Ant1	Low	2402	-2.49	-49.84	≤-22.49	PASS
		High	2480	-3.32	-48.7	≤-23.32	PASS
		Low	Hop_2402	-5.89	-49.94	≤-25.89	PASS
		High	Hop_2480	-4.05	-48.92	≤-24.05	PASS

Test Graphs

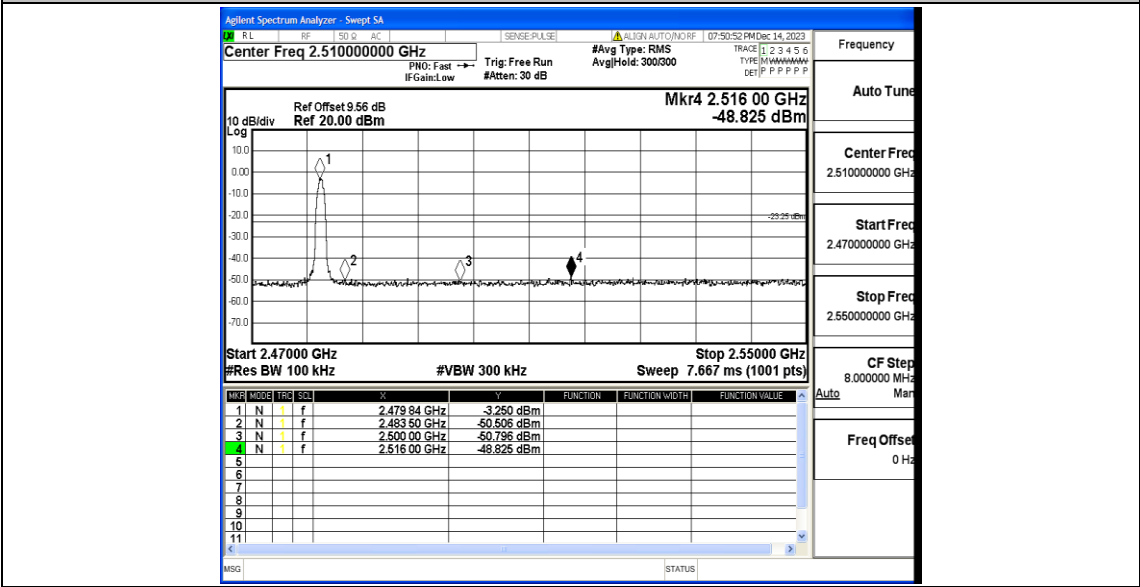




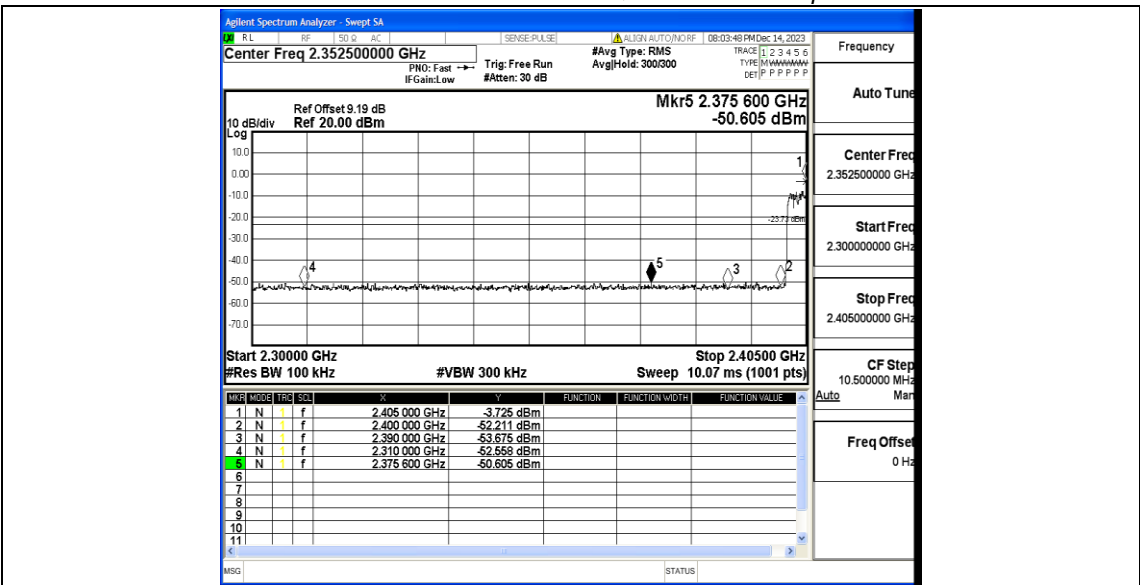
2DH5_Ant1_Low_2402



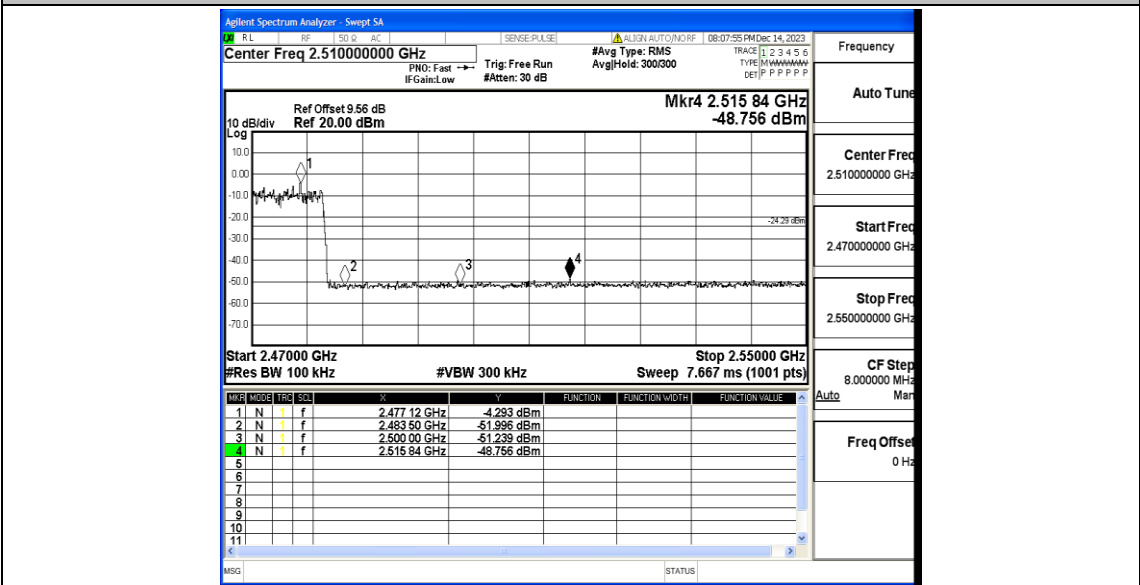
2DH5_Ant1_High_2480



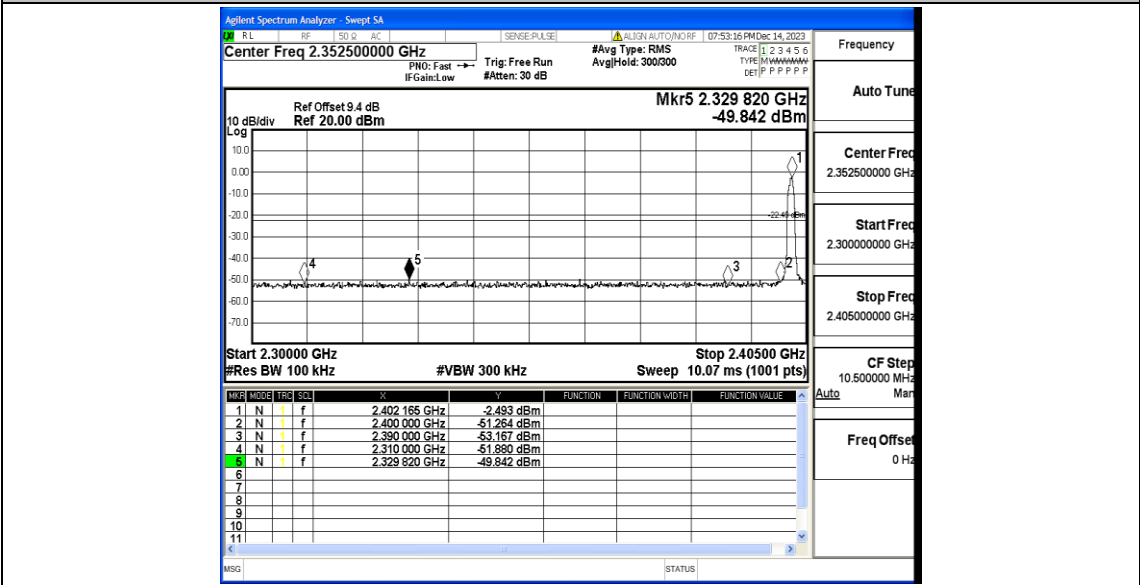
2DH5_Ant1_Low_Hop_2402



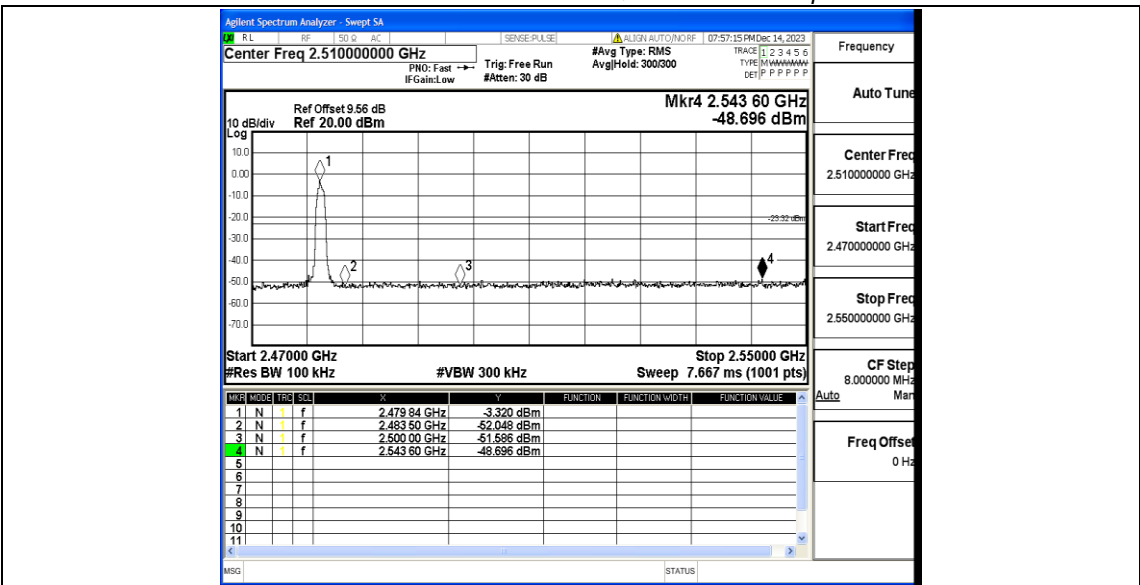
2DH5_Ant1_High_Hop_2480



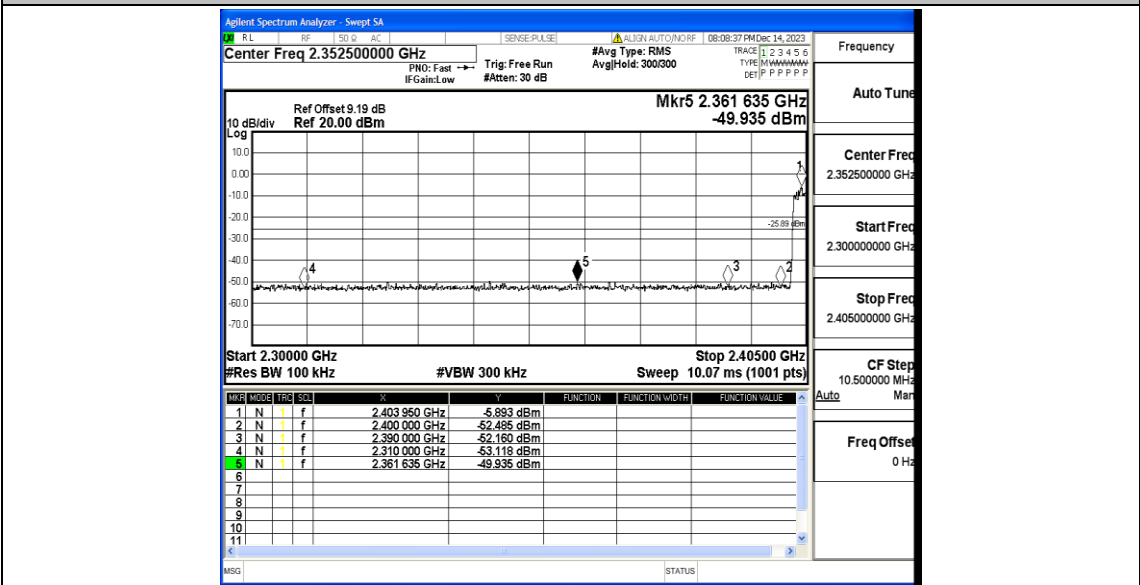
3DH5_Ant1_Low_2402



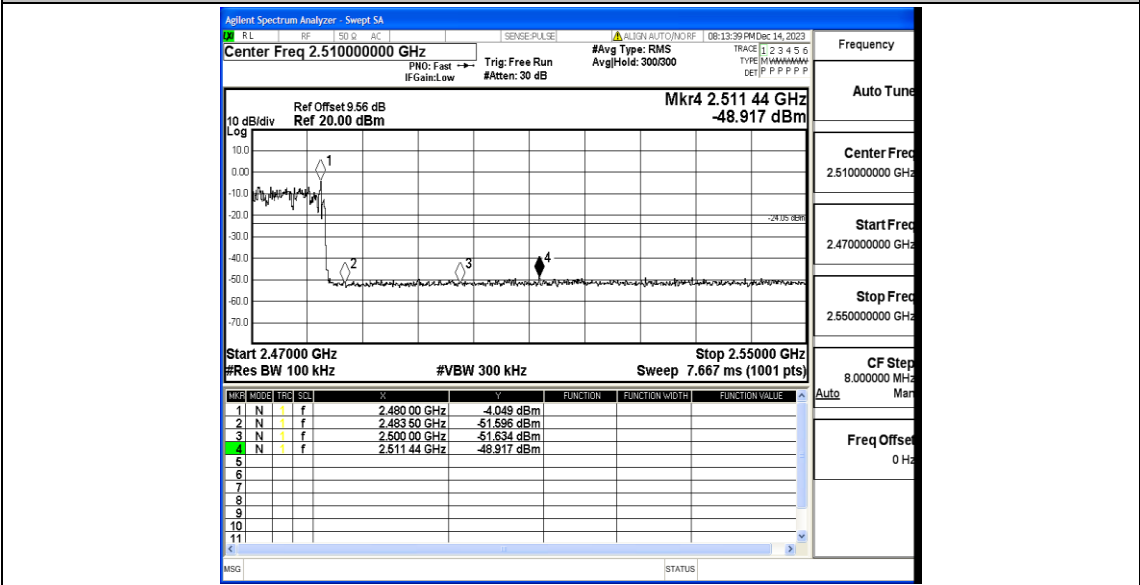
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

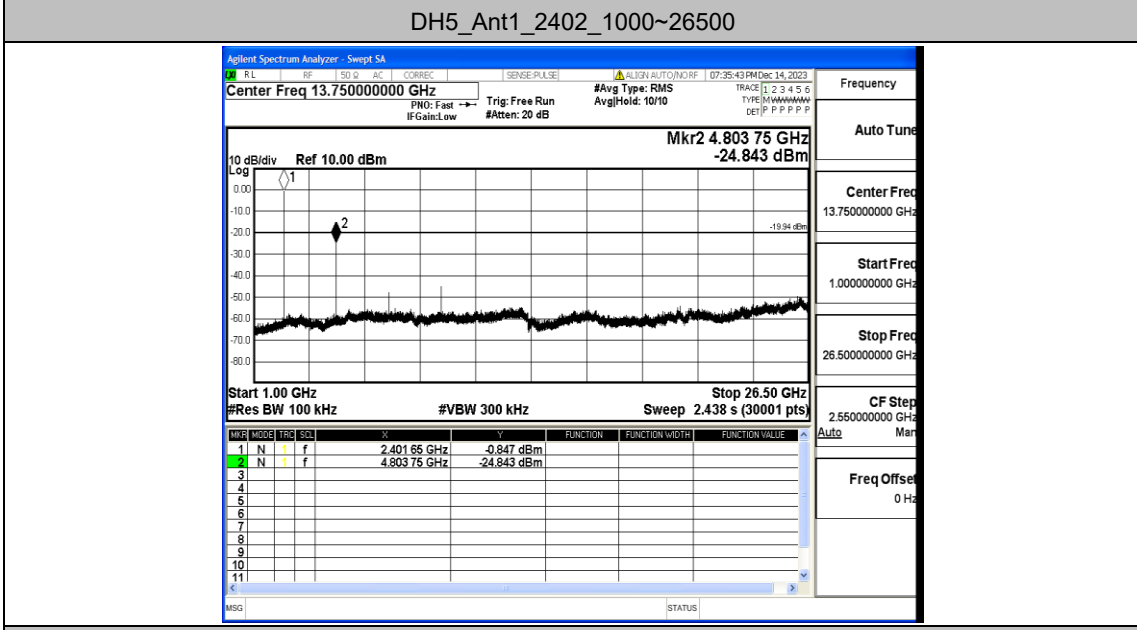
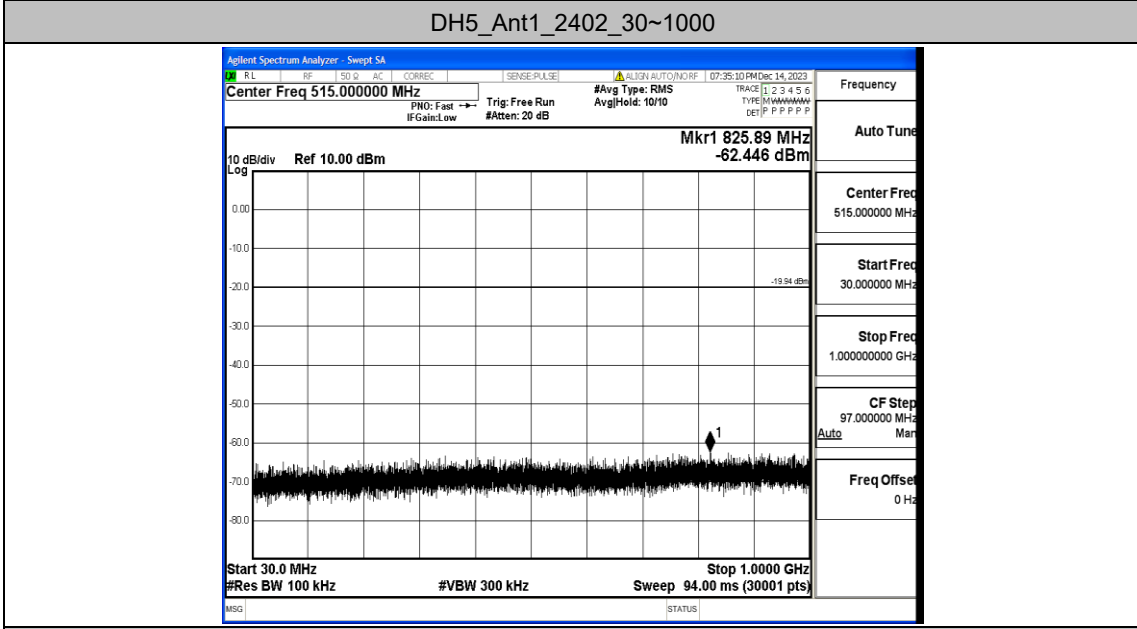
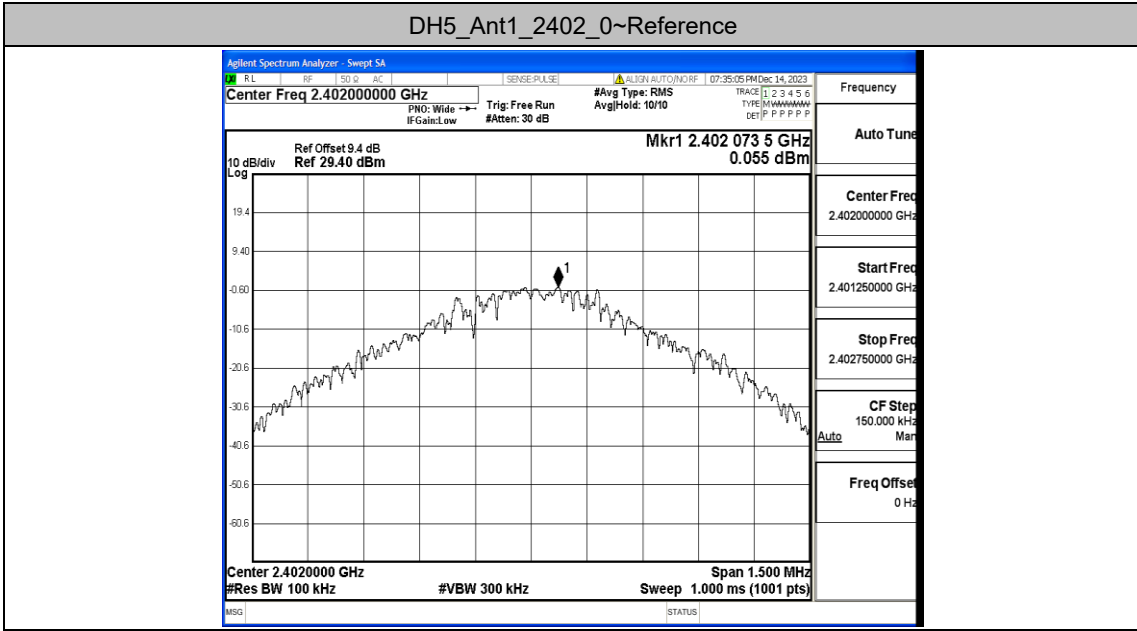


Appendix H: Conducted Spurious Emission

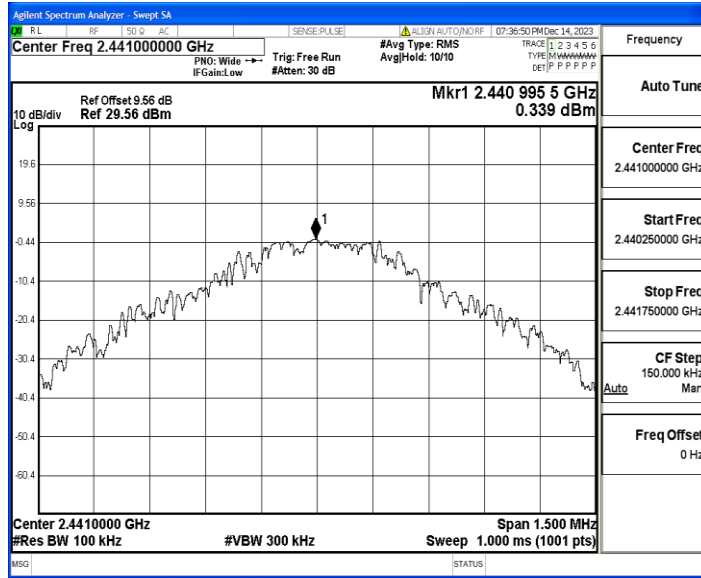
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.06	0.06	---	PASS
			30~1000	0.06	-62.45	≤-19.94	PASS
			1000~26500	0.06	-24.84	≤-19.94	PASS
		2441	Reference	0.34	0.34	---	PASS
			30~1000	0.34	-62.25	≤-19.66	PASS
			1000~26500	0.34	-26.44	≤-19.66	PASS
		2480	Reference	-0.45	-0.45	---	PASS
			30~1000	-0.45	-62.51	≤-20.45	PASS
			1000~26500	-0.45	-28.86	≤-20.45	PASS
2DH5	Ant1	2402	Reference	-6.85	-6.85	---	PASS
			30~1000	-6.85	-62.23	≤-26.85	PASS
			1000~26500	-6.85	-29.8	≤-26.85	PASS
		2441	Reference	-3.22	-3.22	---	PASS
			30~1000	-3.22	-60.68	≤-23.22	PASS
			1000~26500	-3.22	-35.4	≤-23.22	PASS
		2480	Reference	-3.16	-3.16	---	PASS
			30~1000	-3.16	-62.37	≤-23.16	PASS
			1000~26500	-3.16	-36.18	≤-23.16	PASS
3DH5	Ant1	2402	Reference	-5.60	-5.60	---	PASS
			30~1000	-5.60	-62.13	≤-25.6	PASS
			1000~26500	-5.60	-29.7	≤-25.6	PASS
		2441	Reference	-3.37	-3.37	---	PASS
			30~1000	-3.37	-61.83	≤-23.37	PASS
			1000~26500	-3.37	-35.49	≤-23.37	PASS
		2480	Reference	-3.60	-3.60	---	PASS
			30~1000	-3.60	-62.12	≤-23.6	PASS
			1000~26500	-3.60	-37.88	≤-23.6	PASS

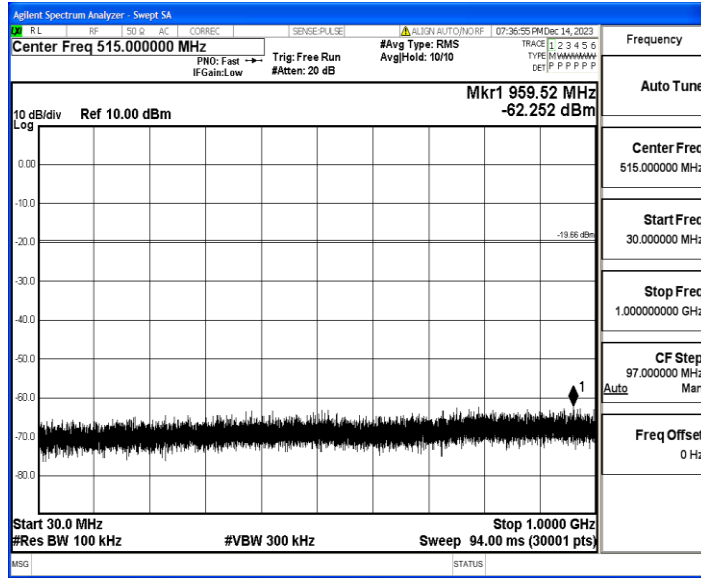
Test Graphs



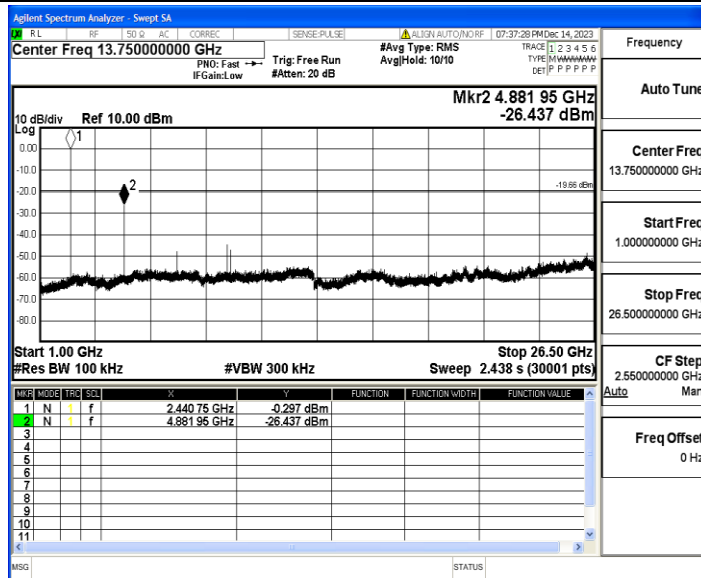
DH5_Ant1_2441_0~Reference



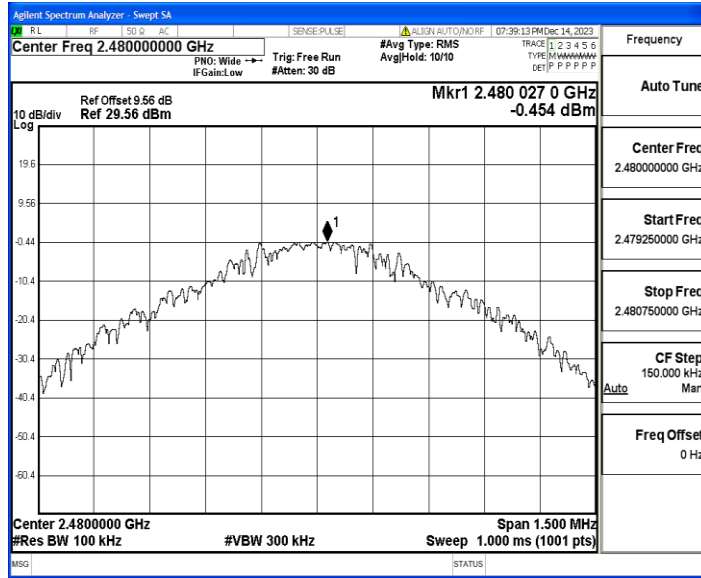
DH5_Ant1_2441_30~1000



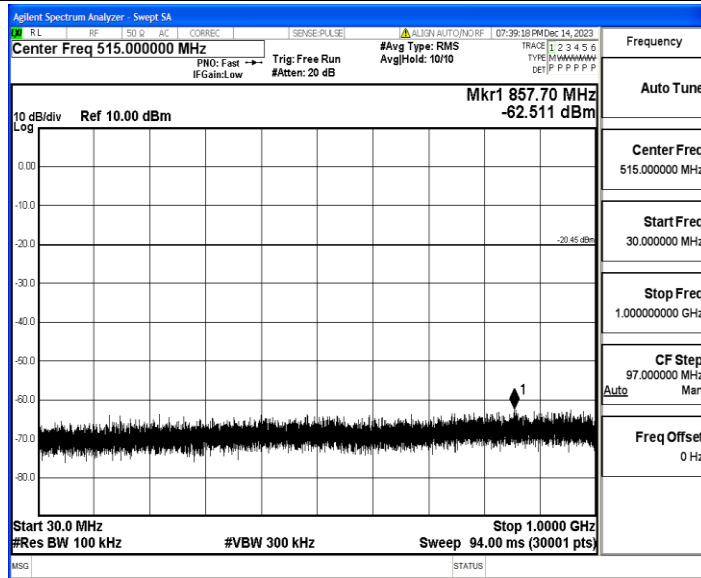
DH5_Ant1_2441_1000~26500



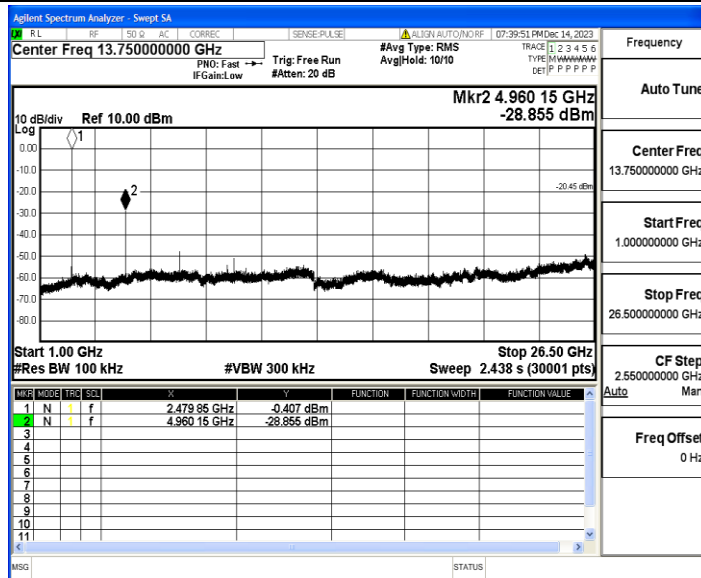
DH5_Ant1_2480_0~Reference



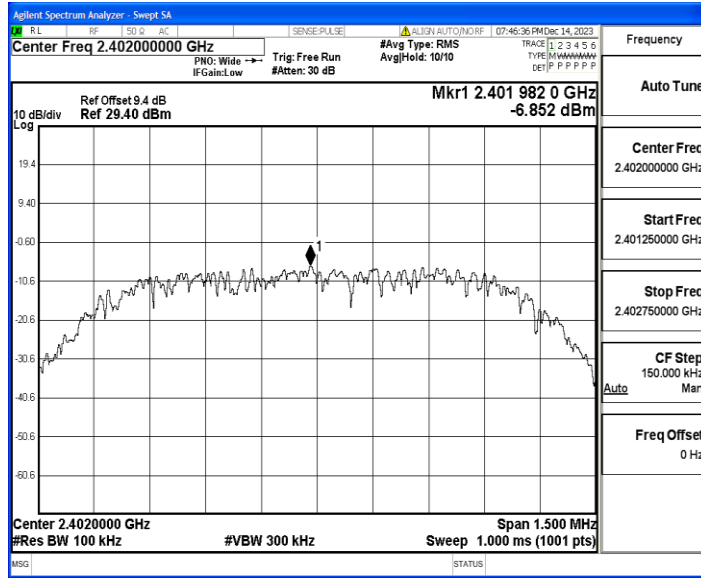
DH5_Ant1_2480_30~1000



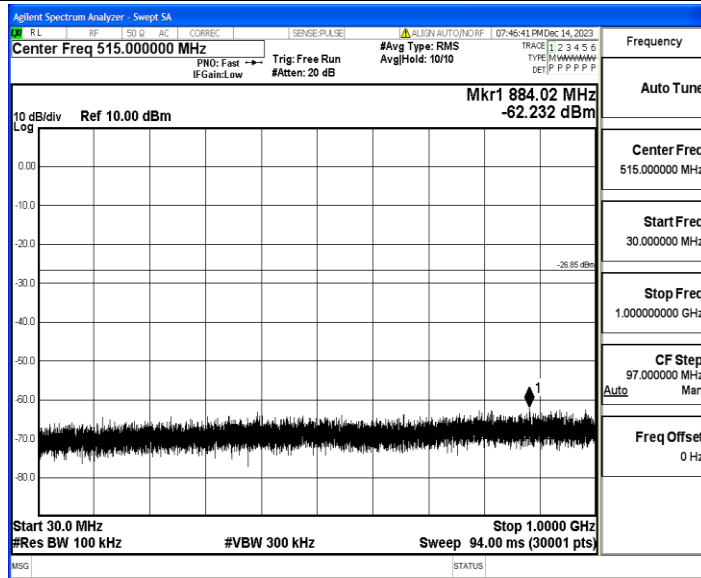
DH5_Ant1_2480_1000~26500



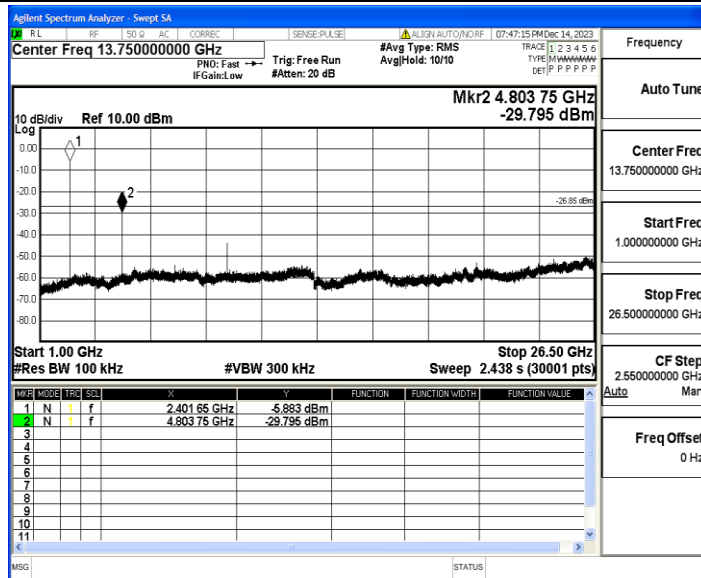
2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference