

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)**Product Name: Wanbo Projector****Trade Mark: wanbo****Test Model: T2 Max****FCC ID: 2A7PIT2MAX****Environmental Conditions**

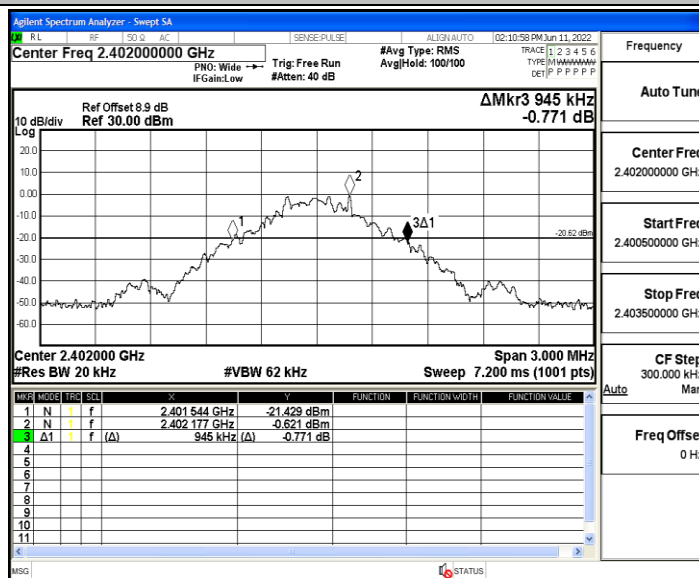
Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

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

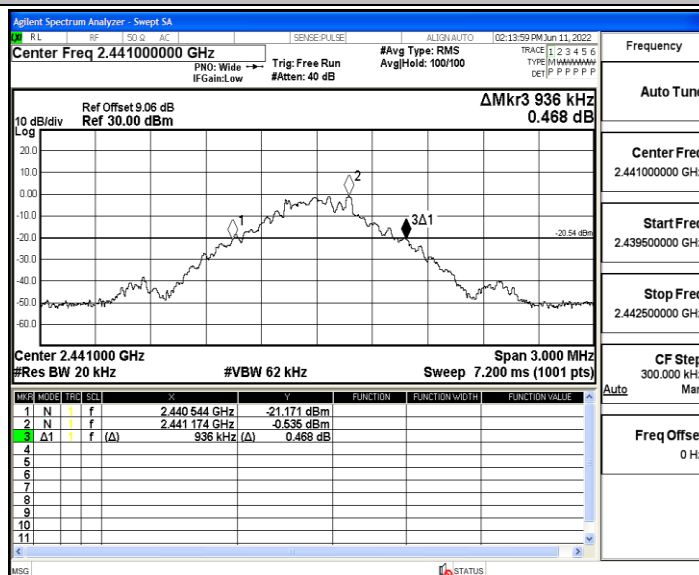
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.544	2402.489	---	---
		2441	0.936	2440.544	2441.480	---	---
		2480	0.942	2479.544	2480.486	---	---
2DH5	Ant1	2402	1.326	2401.343	2402.669	---	---
		2441	1.326	2440.343	2441.669	---	---
		2480	1.329	2479.343	2480.672	---	---
3DH5	Ant1	2402	1.269	2401.355	2402.624	---	---
		2441	1.275	2440.355	2441.630	---	---
		2480	1.323	2479.337	2480.660	---	---

Test Graphs

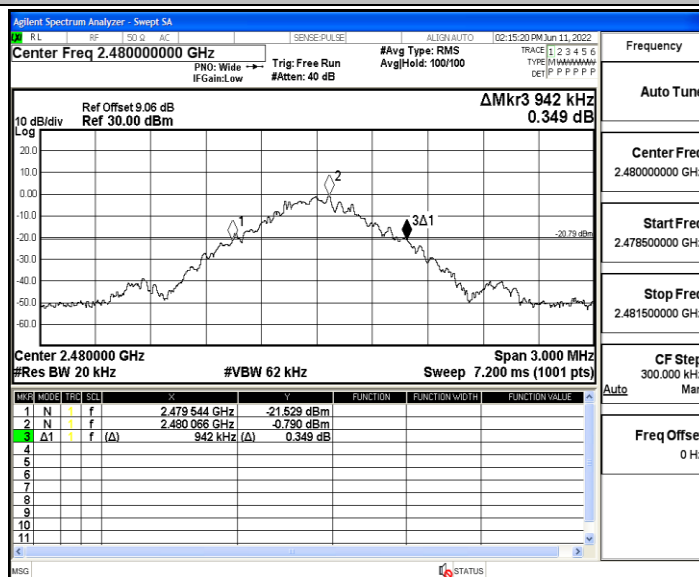
DH5_Ant1_2402



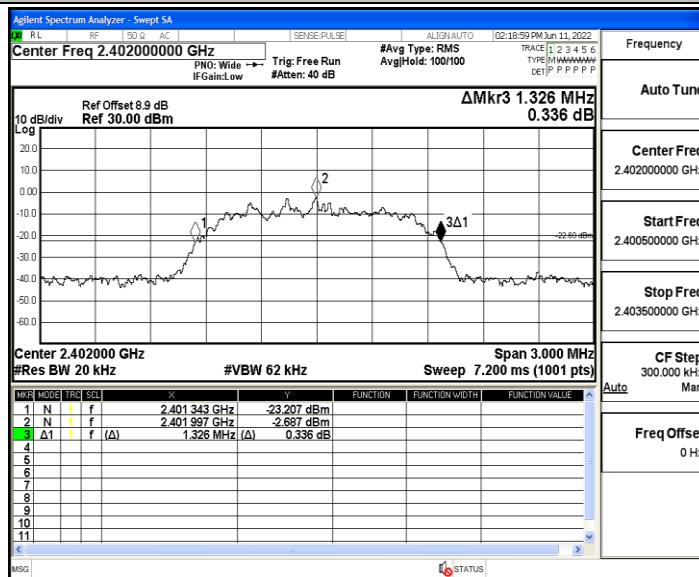
DH5_Ant1_2441



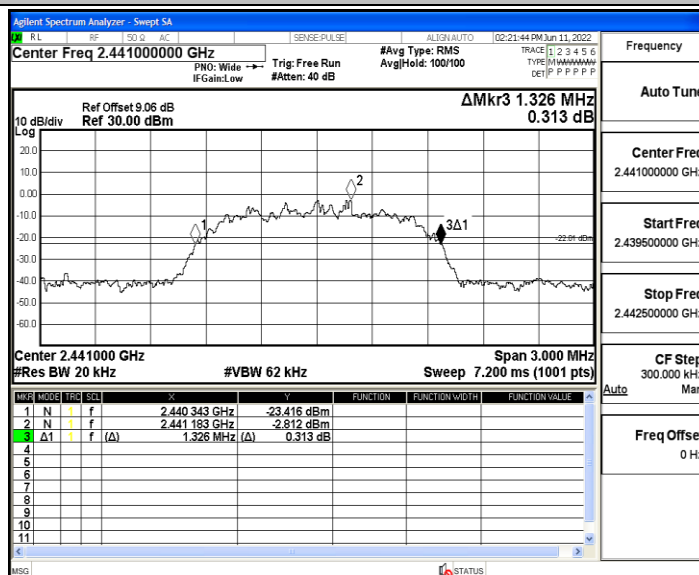
DH5_Ant1_2480



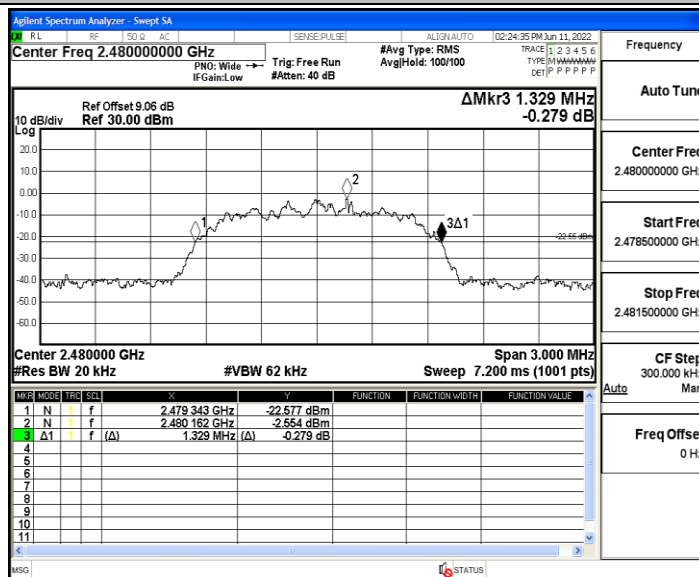
2DH5_Ant1_2402



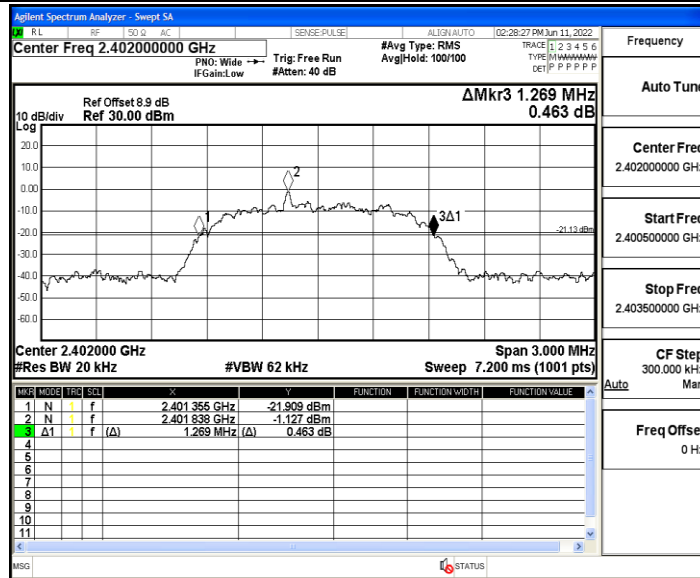
2DH5_Ant1_2441



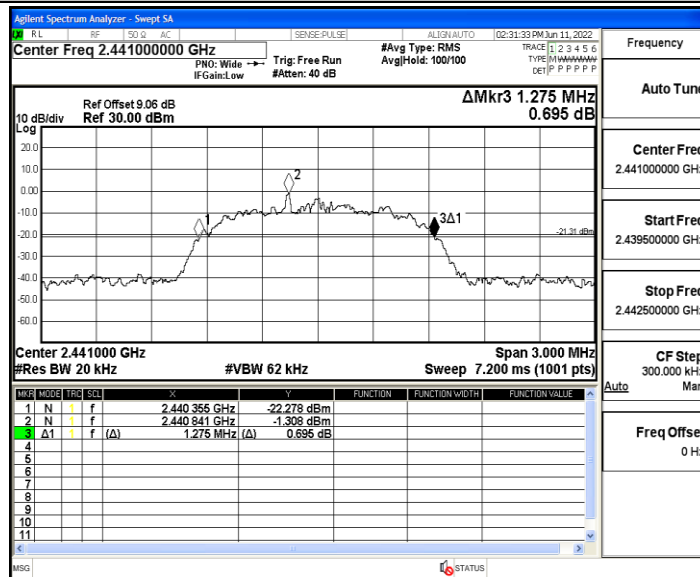
2DH5_Ant1_2480



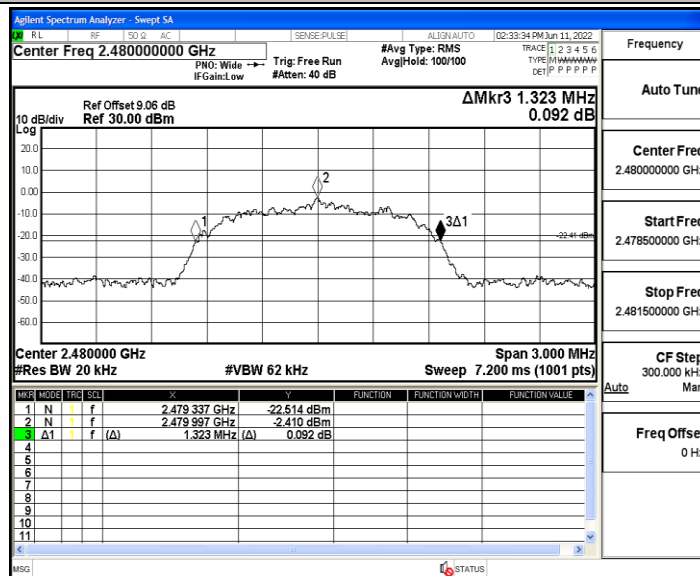
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



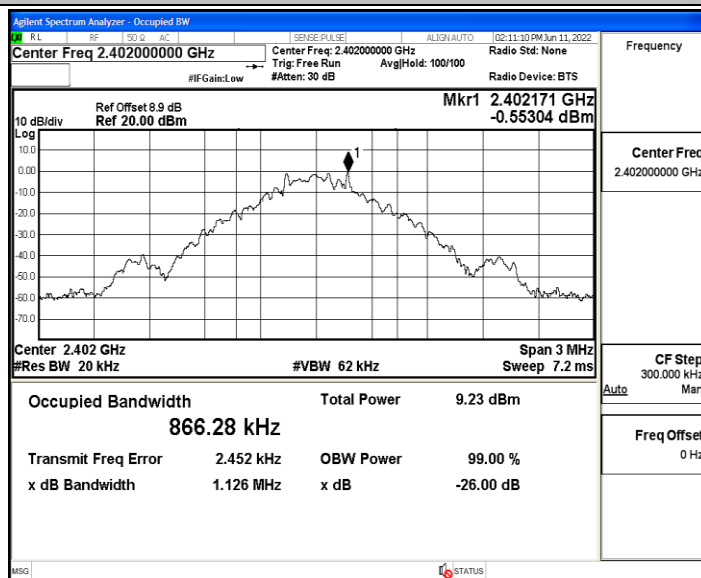
Appendix B: Occupied Channel Bandwidth

Test Result

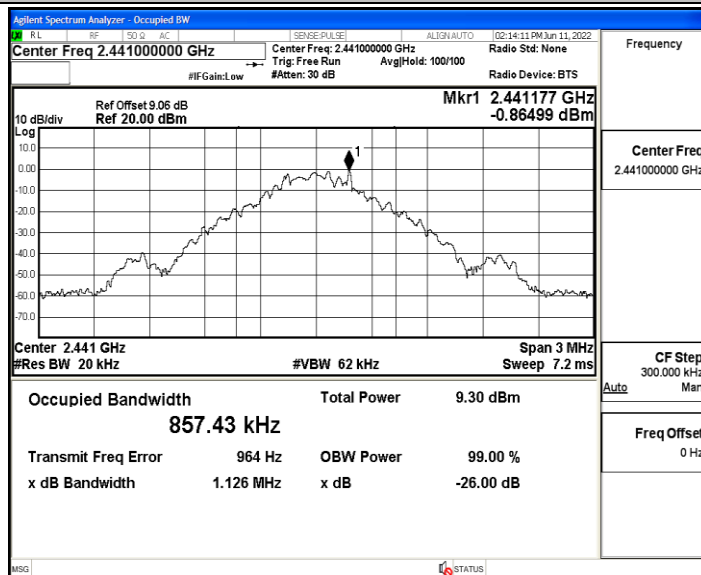
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86628	2401.569	2402.436	---	---
		2441	0.85743	2440.572	2441.430	---	---
		2480	0.86089	2479.574	2480.435	---	---
2DH5	Ant1	2402	1.2076	2401.410	2402.618	---	---
		2441	1.1947	2440.412	2441.607	---	---
		2480	1.1846	2479.414	2480.599	---	---
3DH5	Ant1	2402	1.1990	2401.397	2402.596	---	---
		2441	1.1992	2440.397	2441.596	---	---
		2480	1.1962	2479.399	2480.596	---	---

Test Graphs

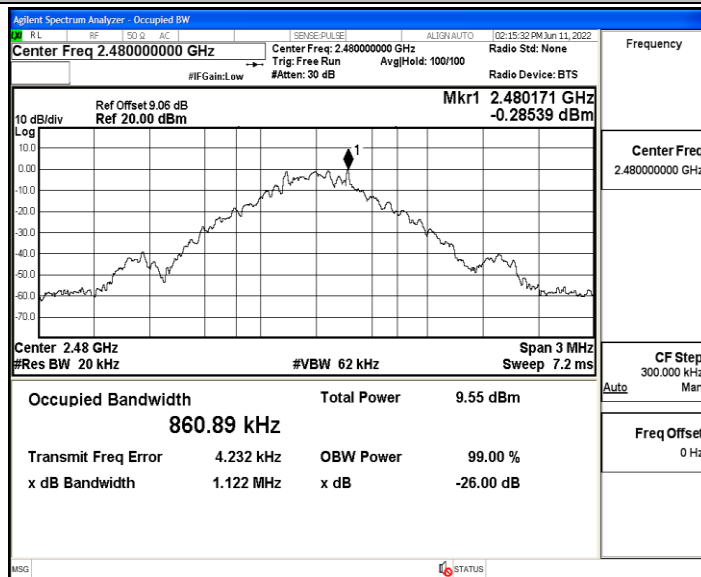
DH5_Ant1_2402



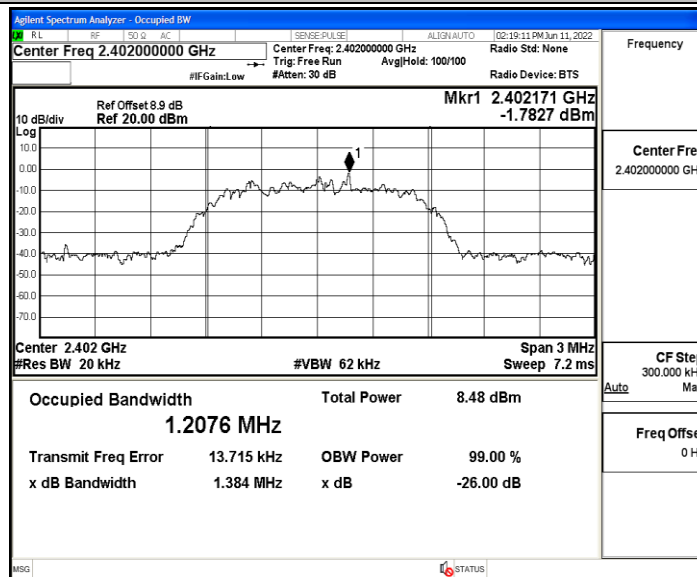
DH5_Ant1_2441



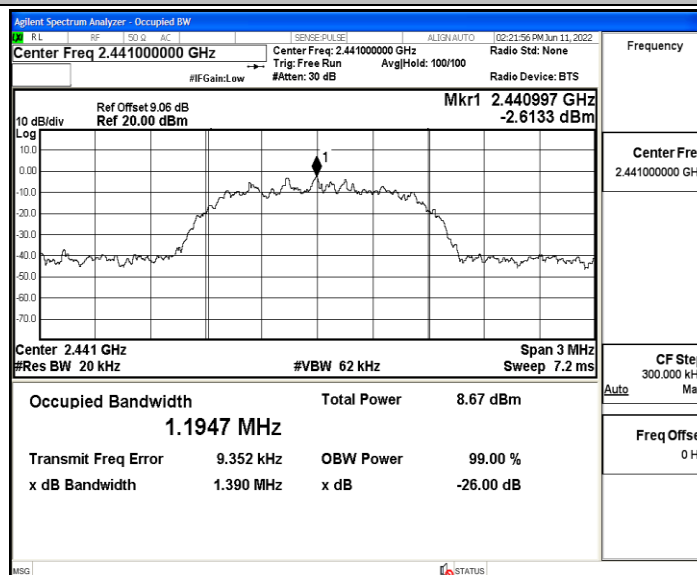
DH5_Ant1_2480



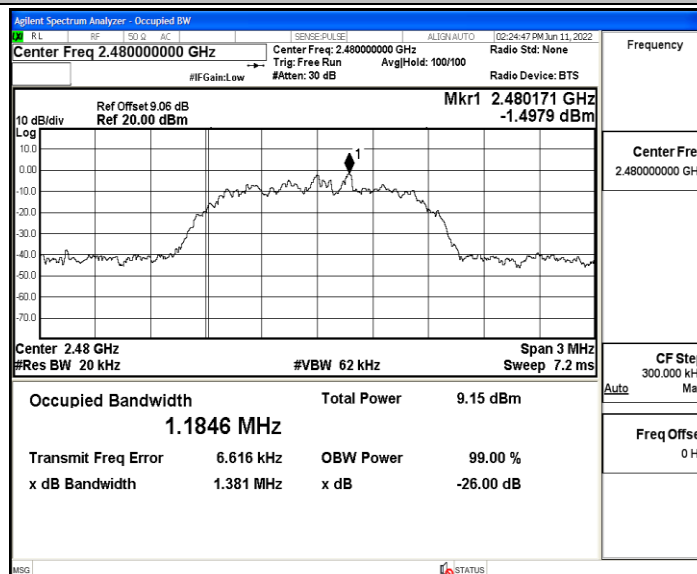
2DH5_Ant1_2402



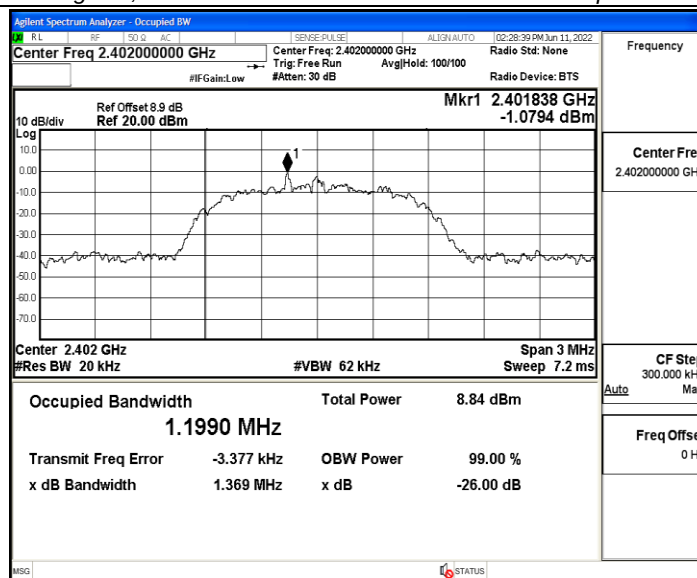
2DH5_Ant1_2441



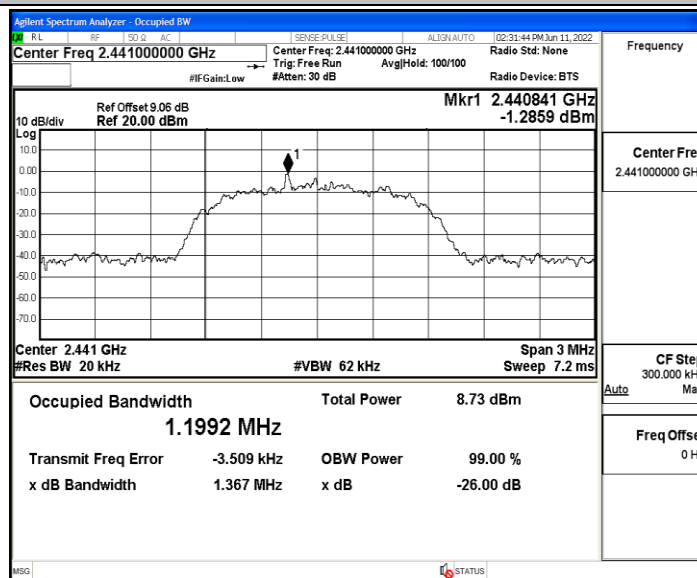
2DH5_Ant1_2480



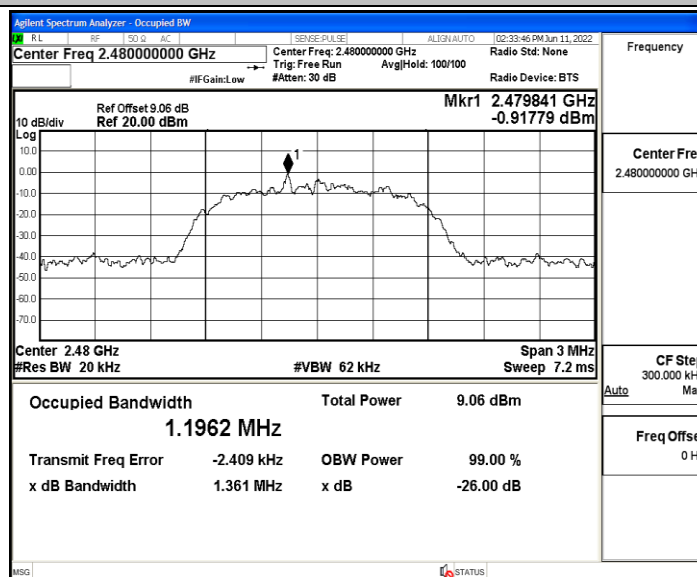
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

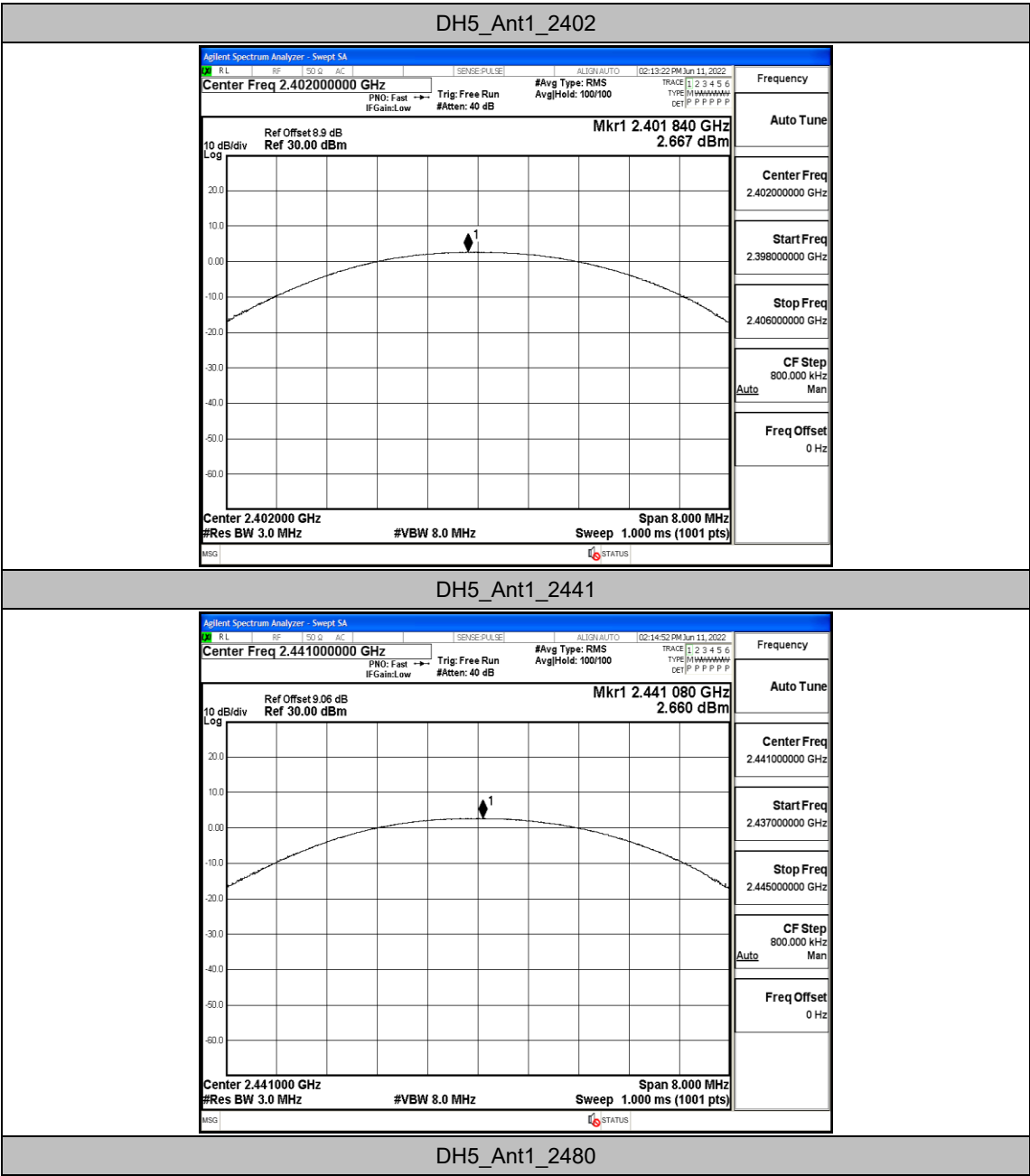


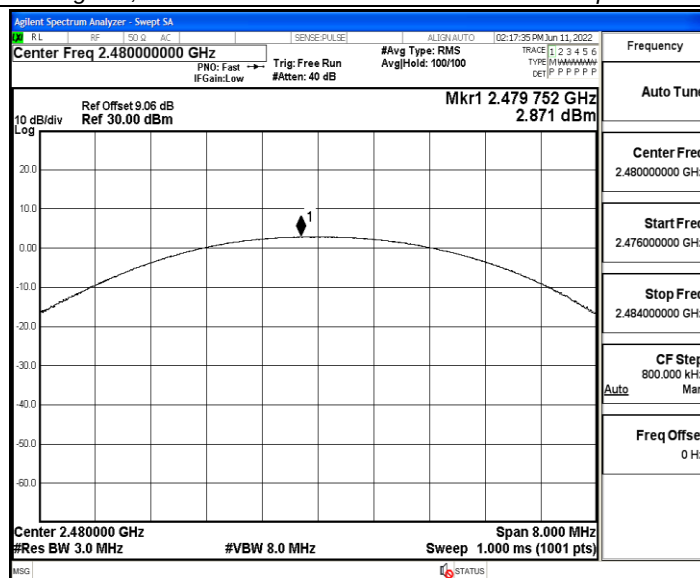
Appendix C: Maximum conducted output power

Test Result

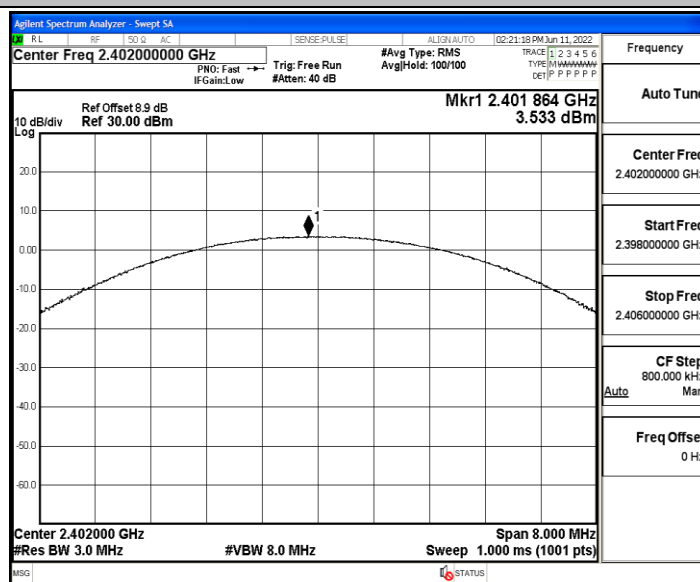
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.67	≤20.97	PASS
		2441	2.66	≤20.97	PASS
		2480	2.87	≤20.97	PASS
2DH5	Ant1	2402	3.53	≤20.97	PASS
		2441	3.53	≤20.97	PASS
		2480	3.87	≤20.97	PASS
3DH5	Ant1	2402	4.01	≤20.97	PASS
		2441	4.02	≤20.97	PASS
		2480	4.3	≤20.97	PASS

Test Graphs

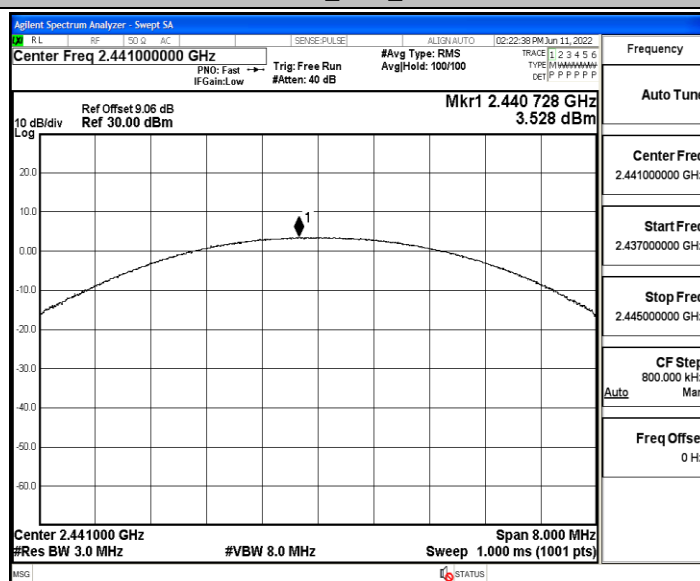




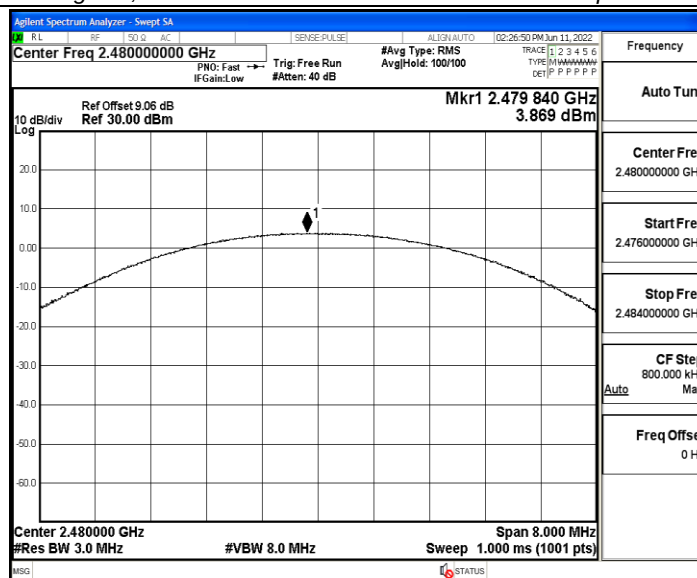
2DH5_Ant1_2402



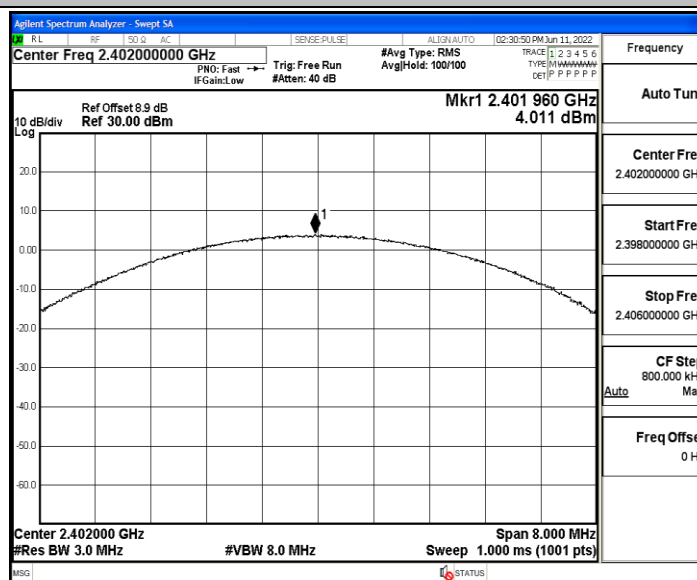
2DH5_Ant1_2441



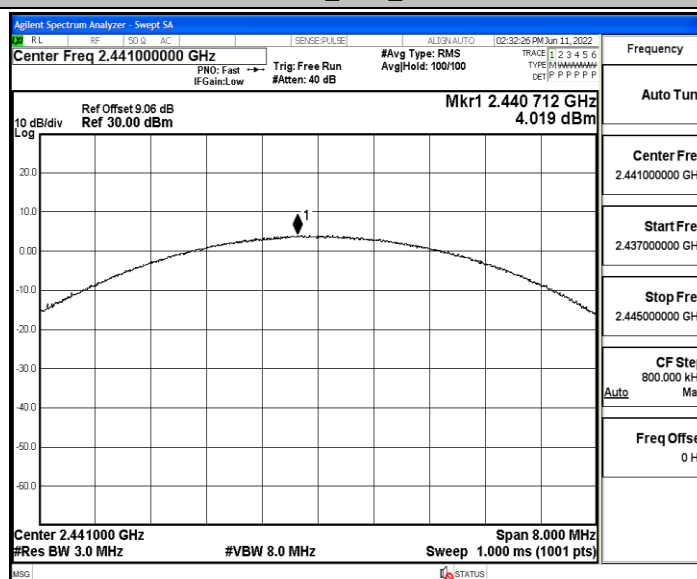
2DH5_Ant1_2480



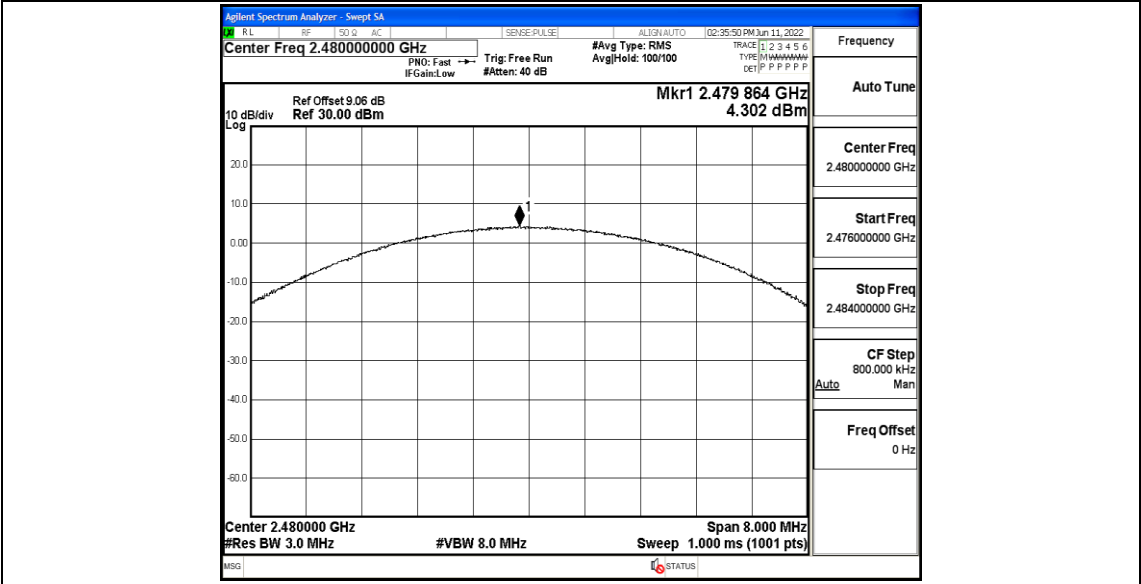
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

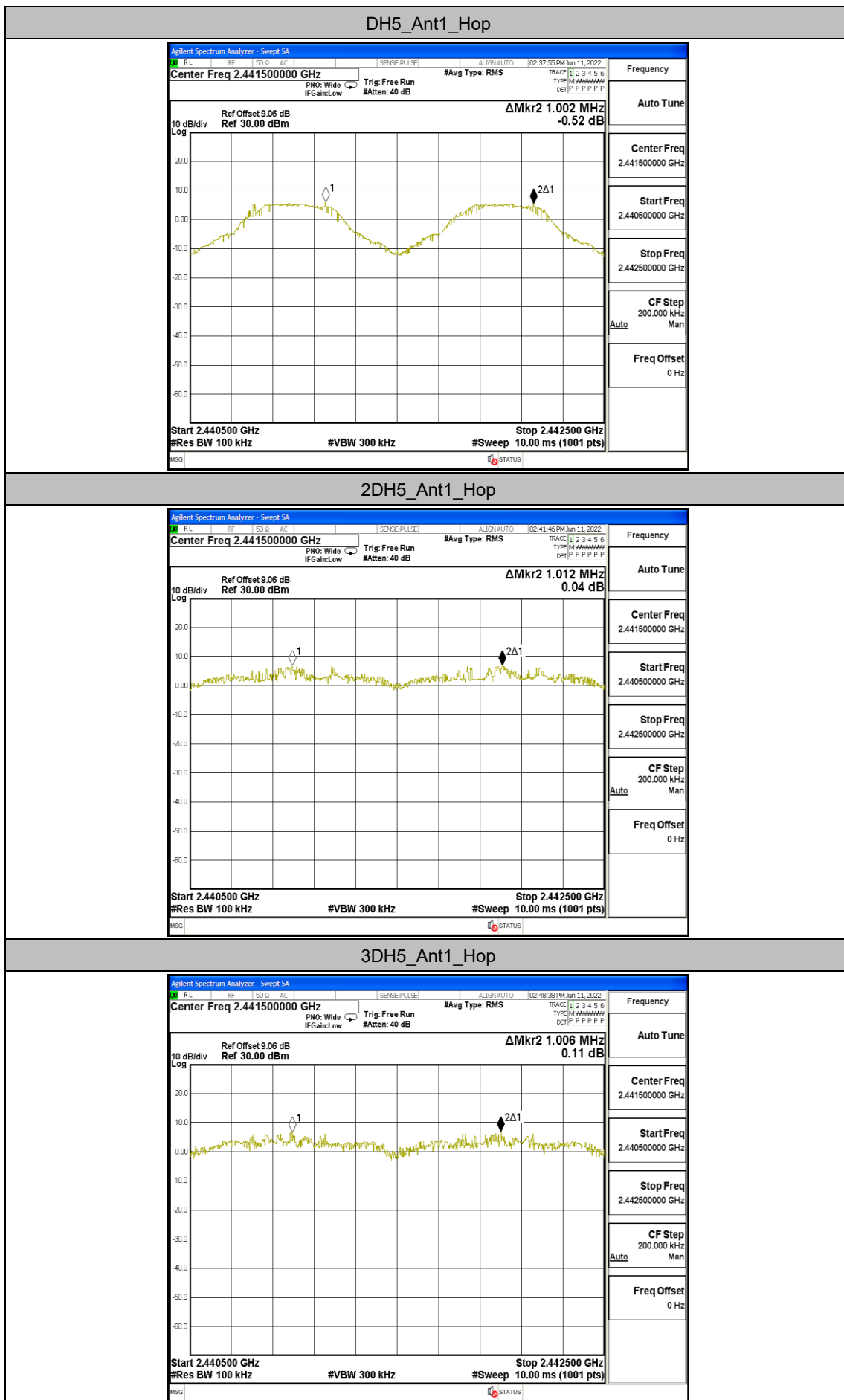


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.945	PASS
2DH5	Ant1	Hop	1.012	≥ 0.886	PASS
3DH5	Ant1	Hop	1.006	≥ 0.882	PASS

Test Graphs

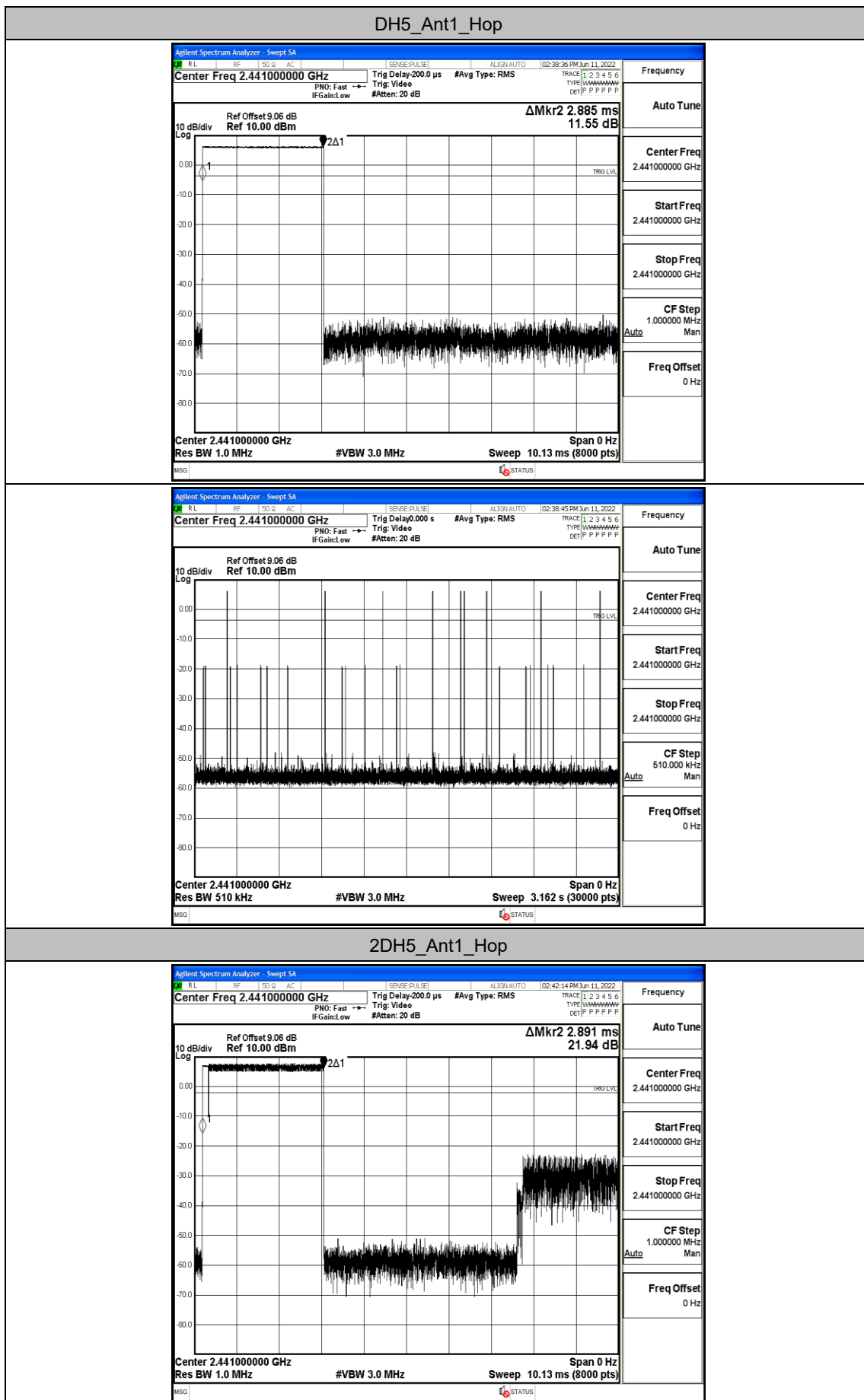


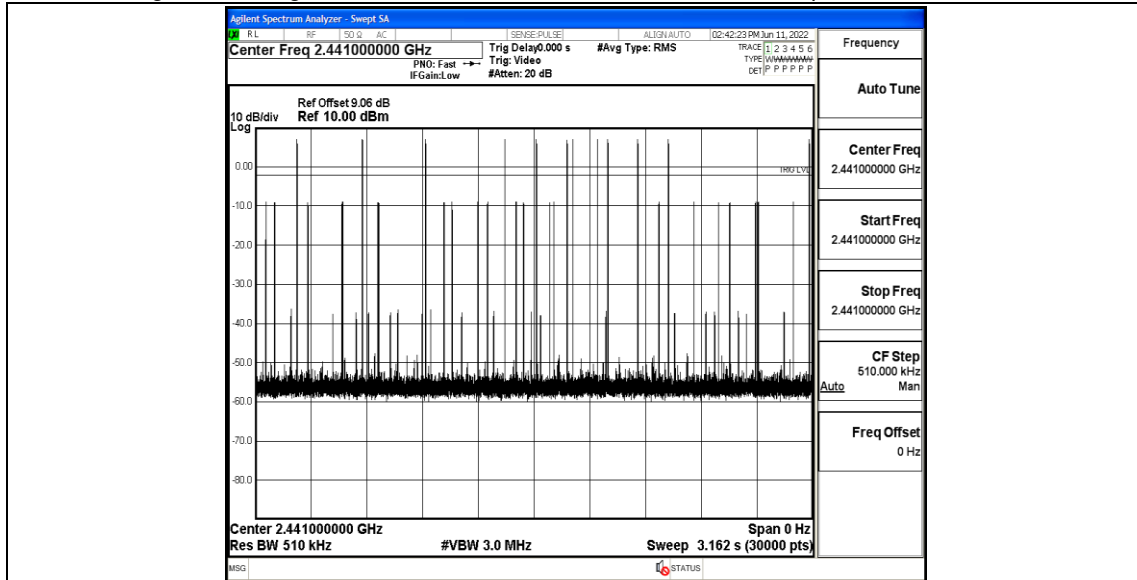
Appendix E: Time of occupancy

Test Result

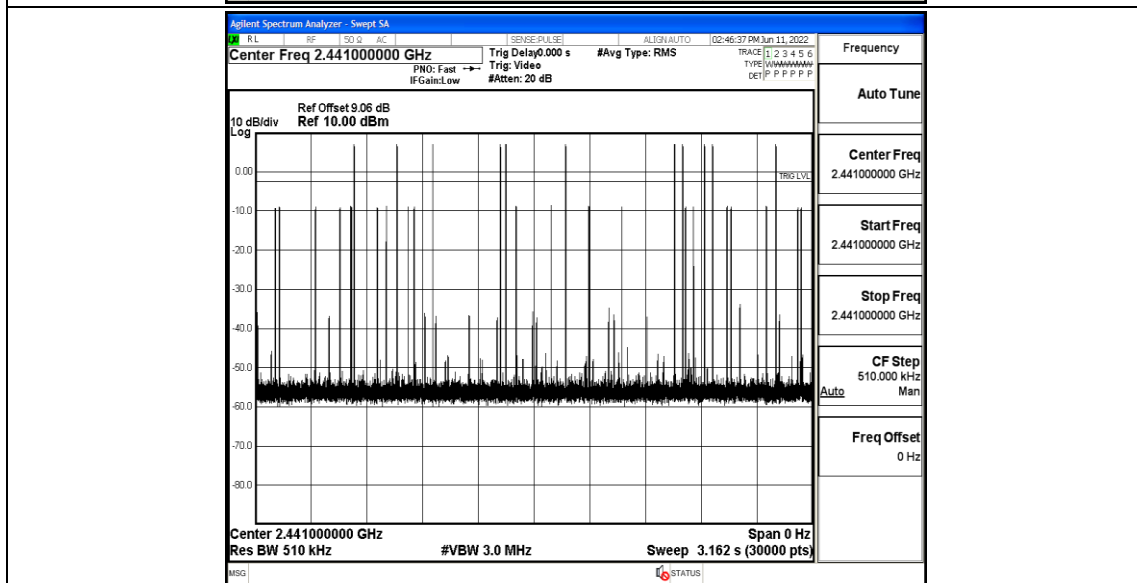
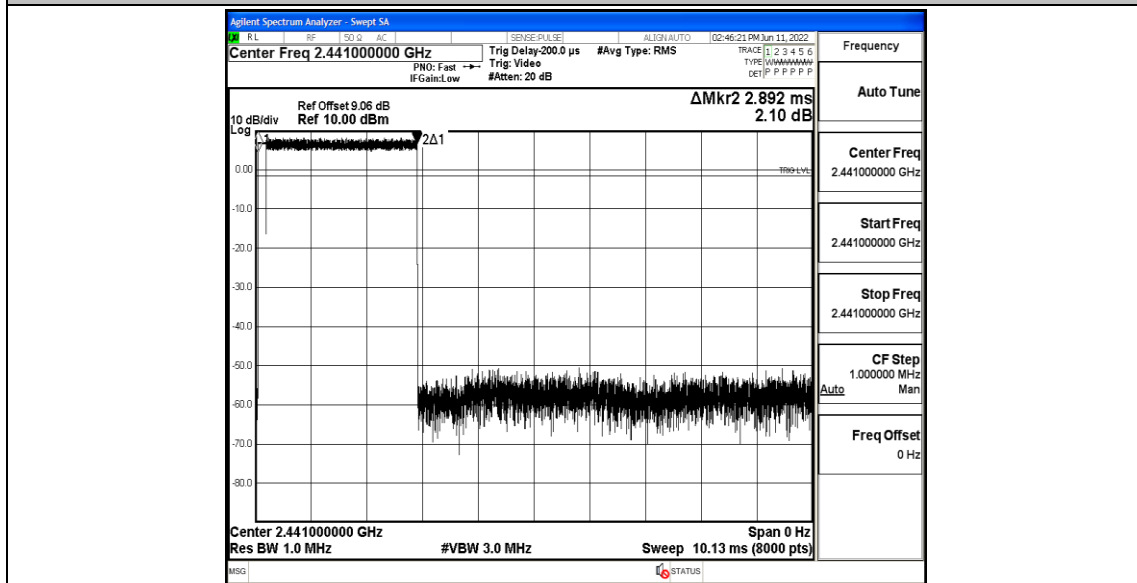
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.89	100	0.289	≤0.4	PASS
2DH5	Ant1	Hop	2.89	130	0.376	≤0.4	PASS
3DH5	Ant1	Hop	2.89	130	0.376	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

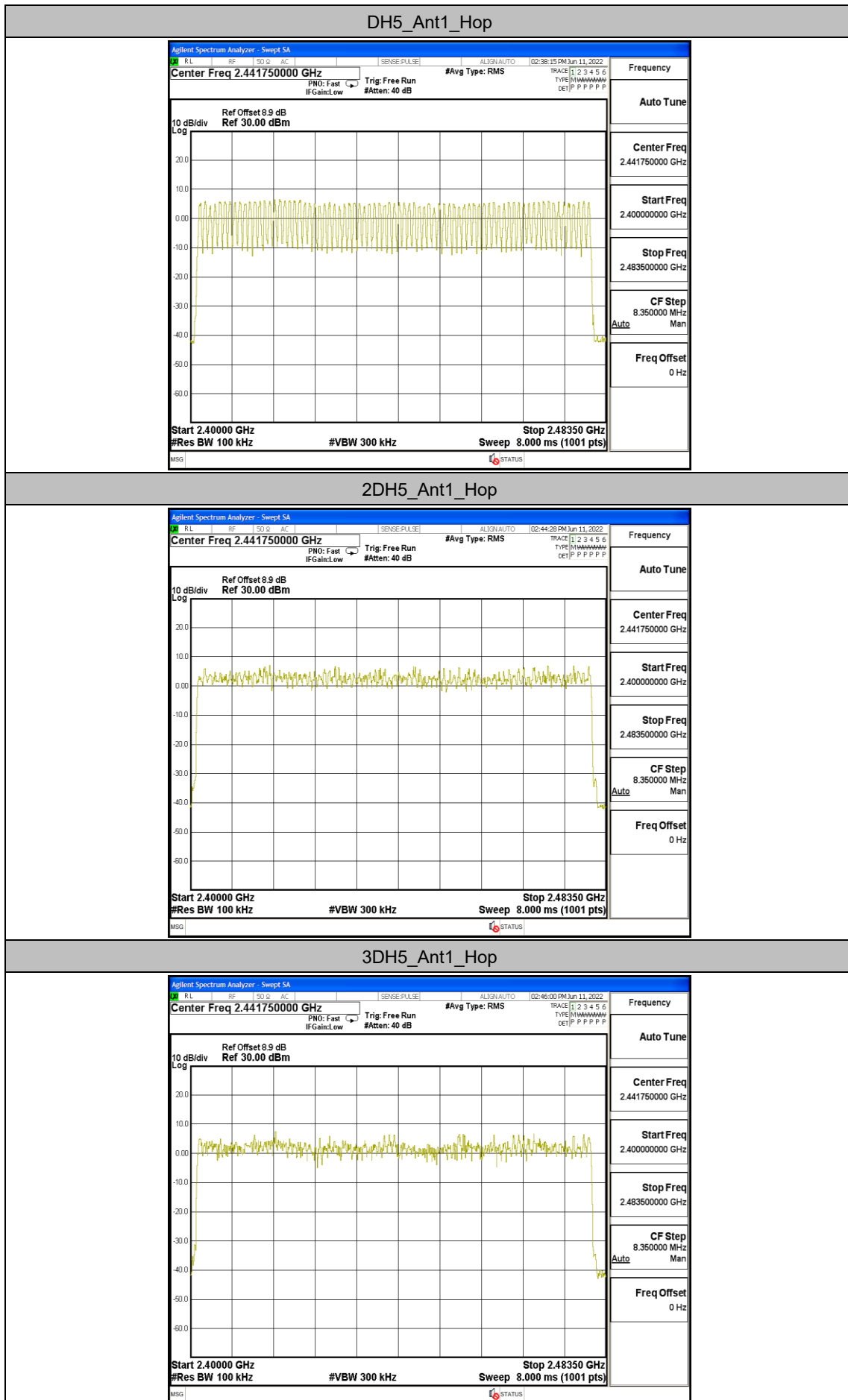


Appendix F: Number of hopping channels

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



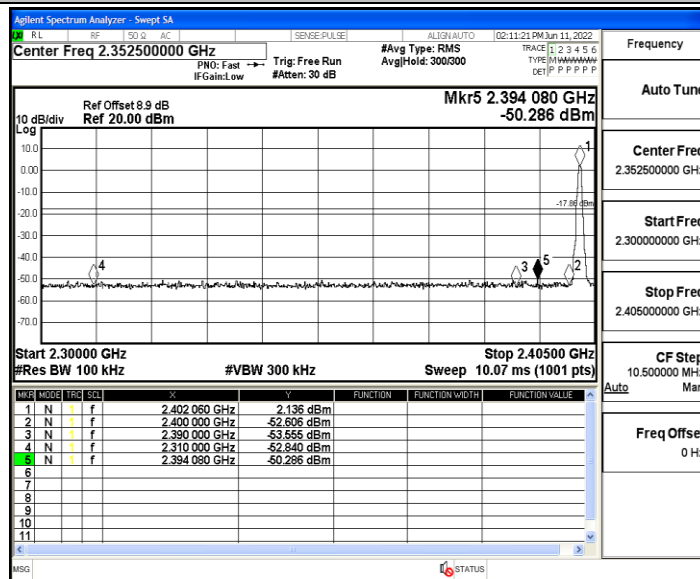
Appendix G: Band edge measurements

Test Result

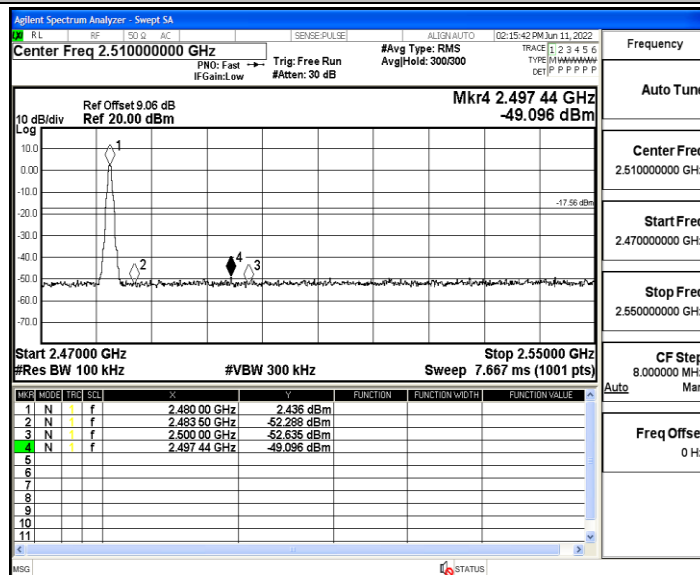
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.14	-50.29	≤ -17.86	PASS
		High	2480	2.44	-49.1	≤ -17.56	PASS
		Low	Hop_2402	5.37	-50.07	≤ -14.63	PASS
		High	Hop_2480	6.06	-49.29	≤ -13.95	PASS
2DH5	Ant1	Low	2402	2.36	-49.61	≤ -17.64	PASS
		High	2480	2.65	-48.79	≤ -17.35	PASS
		Low	Hop_2402	5.29	-50.14	≤ -14.72	PASS
		High	Hop_2480	4.39	-48.63	≤ -15.61	PASS
3DH5	Ant1	Low	2402	2.28	-46.97	≤ -17.72	PASS
		High	2480	1.58	-47.71	≤ -18.42	PASS
		Low	Hop_2402	6.07	-49.67	≤ -13.93	PASS
		High	Hop_2480	6.39	-48.88	≤ -13.61	PASS

Test Graphs

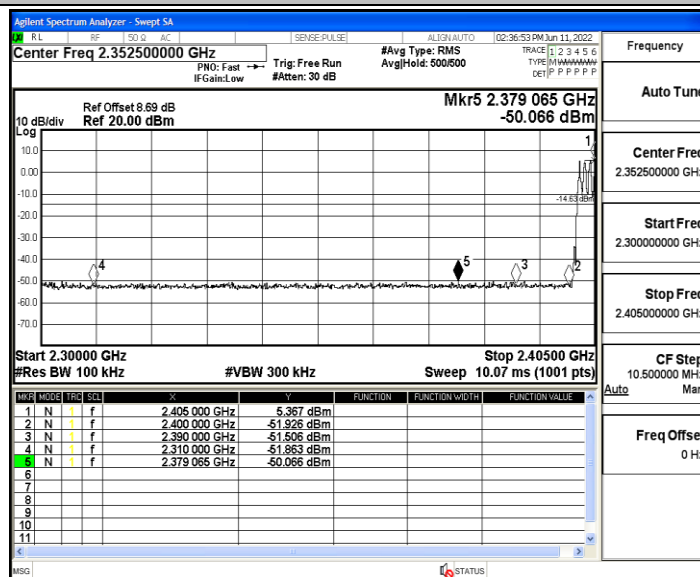
DH5_Ant1_Low_2402



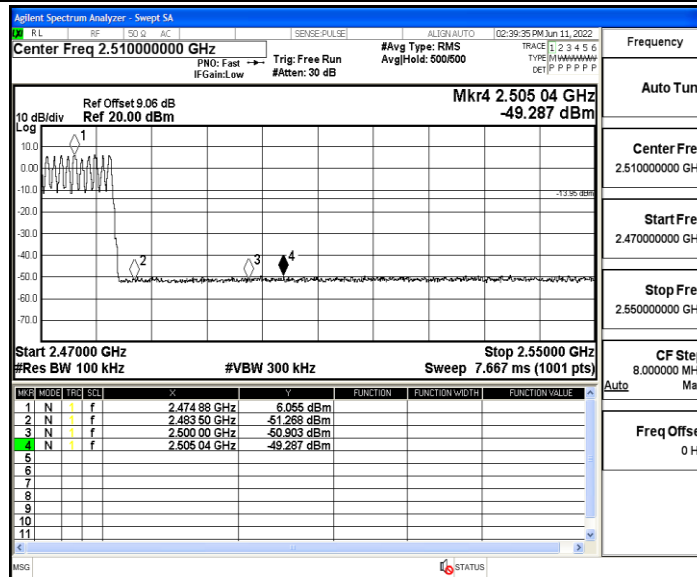
DH5_Ant1_High_2480



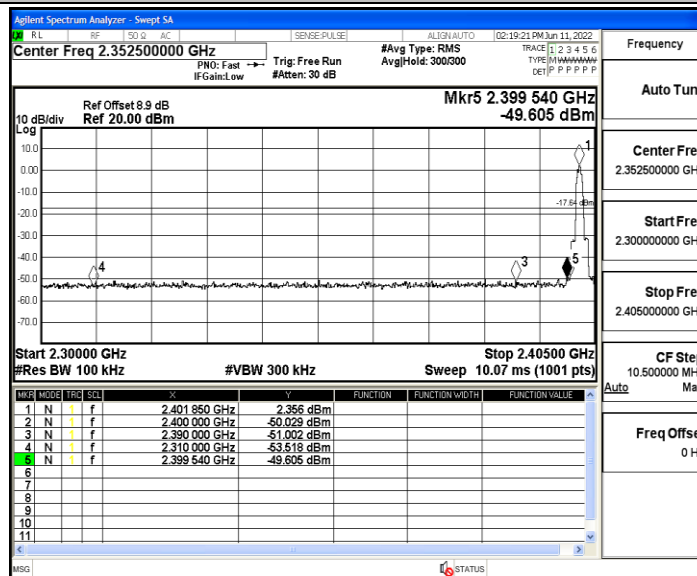
DH5_Ant1_Low_Hop_2402



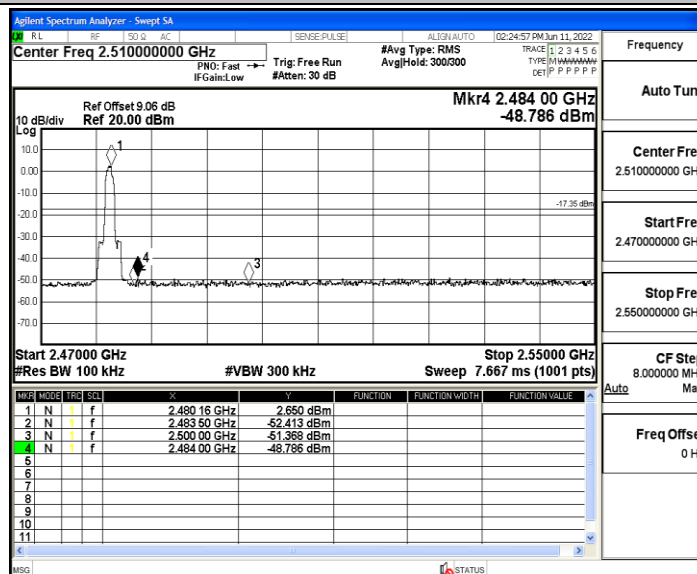
DH5_Ant1_High_Hop_2480



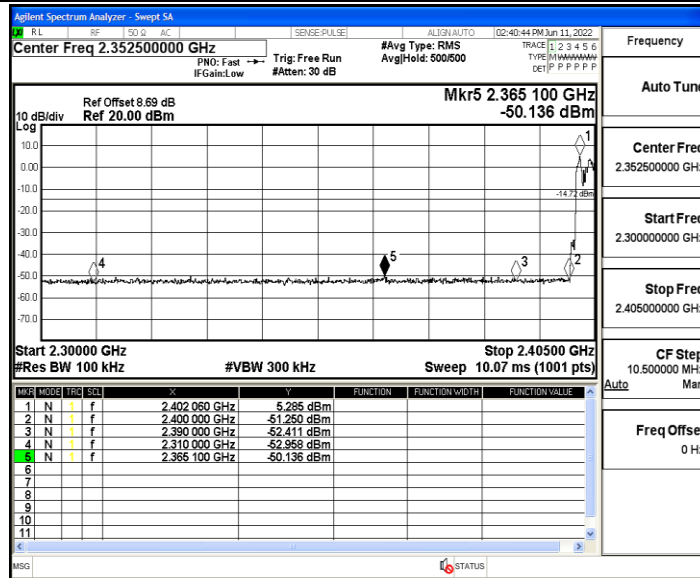
2DH5_Ant1_Low_2402



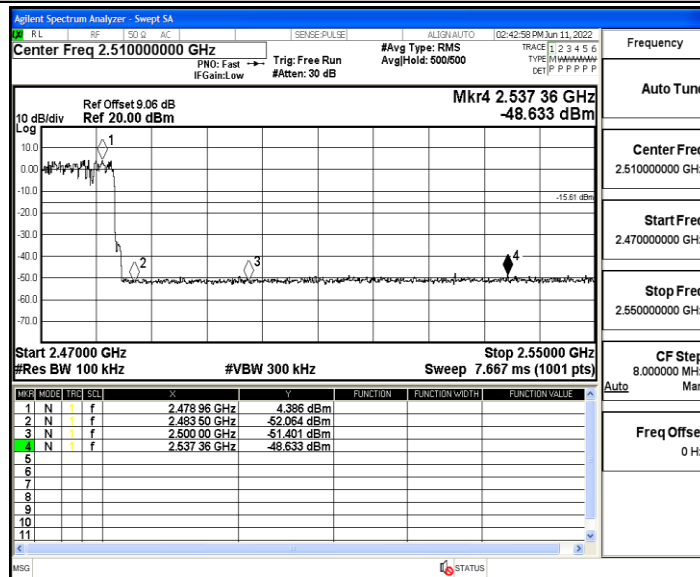
2DH5_Ant1_High_2480



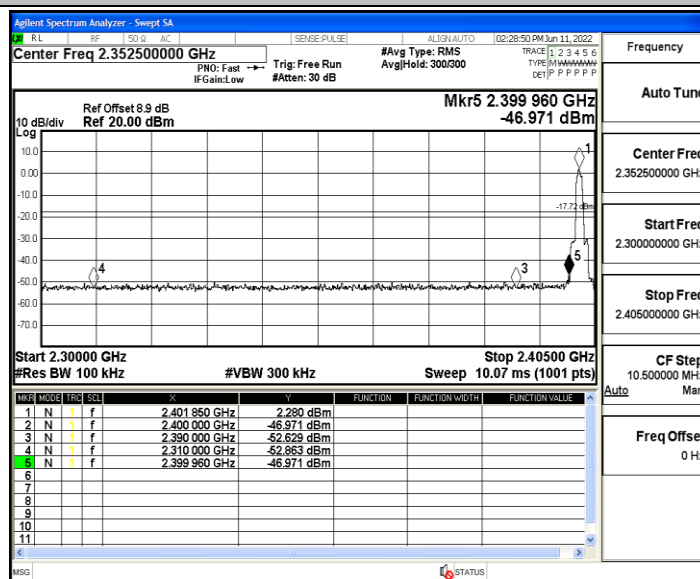
2DH5_Ant1_Low_Hop_2402



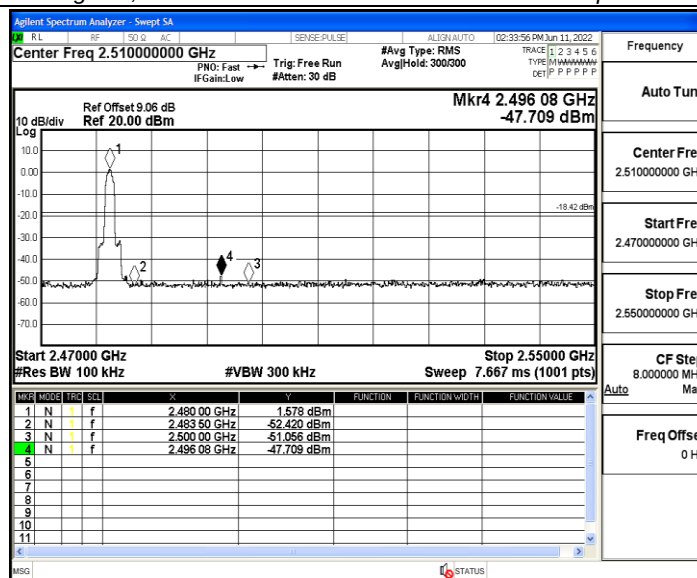
2DH5_Ant1_High_Hop_2480



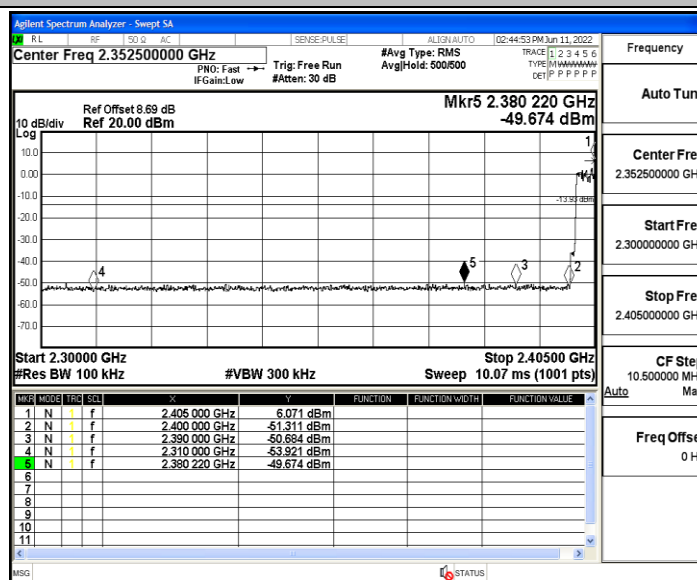
3DH5_Ant1_Low_2402



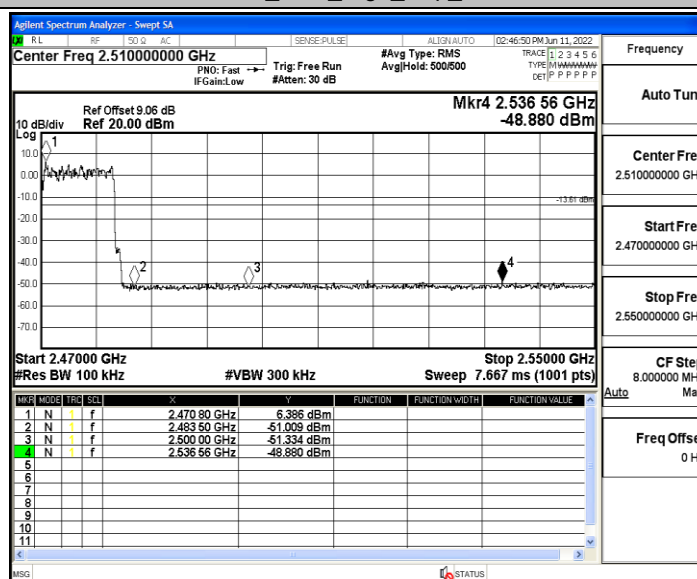
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

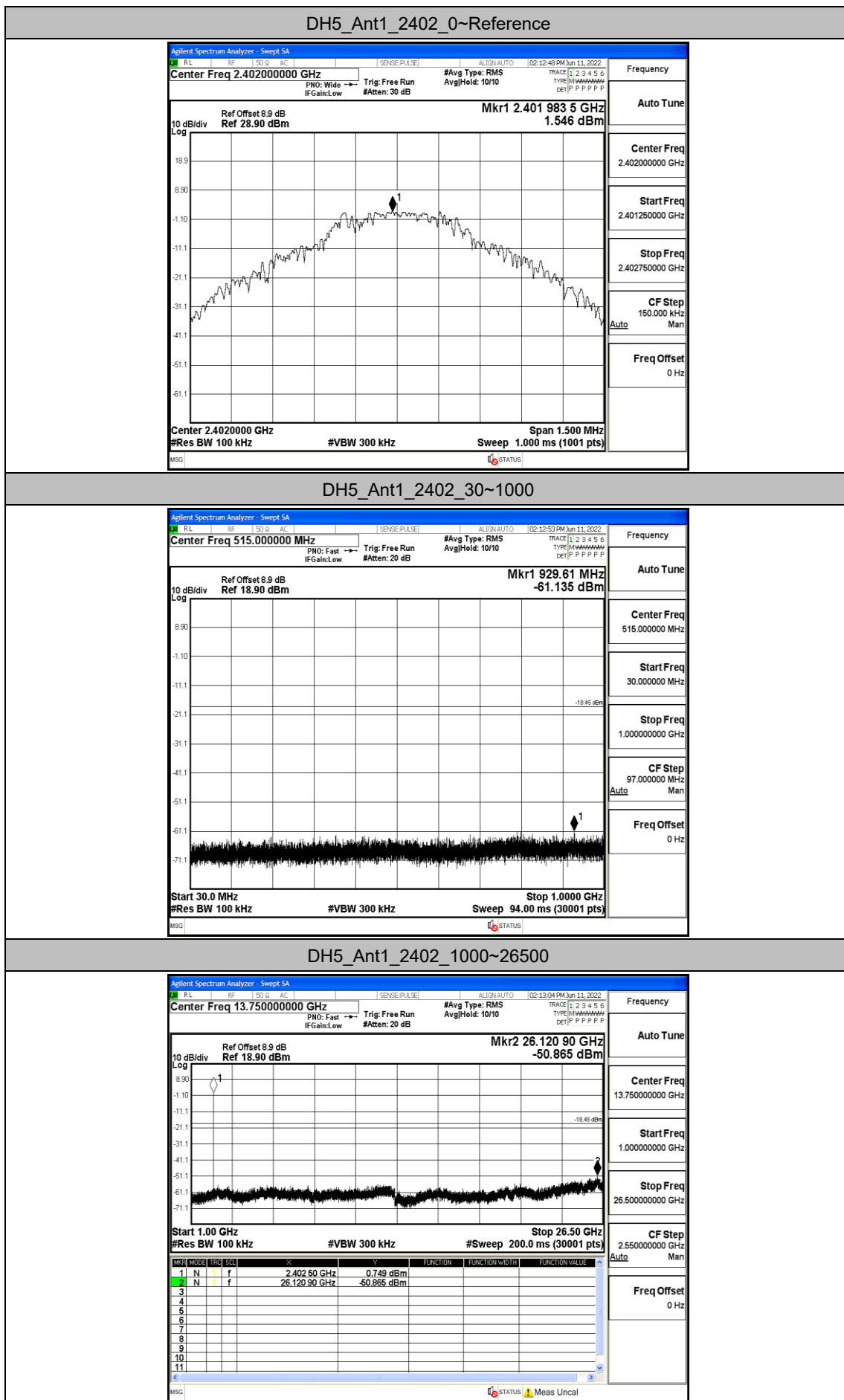


Appendix H: Conducted Spurious Emission

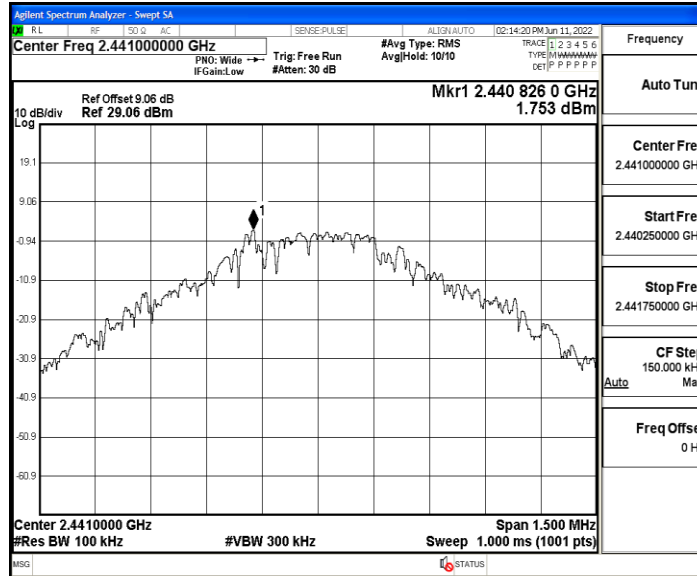
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.55	1.55	---	PASS
			30~1000	1.55	-61.14	≤-18.45	PASS
			1000~26500	1.55	-50.87	≤-18.45	PASS
		2441	Reference	1.75	1.75	---	PASS
			30~1000	1.75	-61.06	≤-18.25	PASS
			1000~26500	1.75	-50.08	≤-18.25	PASS
		2480	Reference	1.94	1.94	---	PASS
			30~1000	1.94	-60.84	≤-18.06	PASS
			1000~26500	1.94	-51.75	≤-18.06	PASS
2DH5	Ant1	2402	Reference	2.07	2.07	---	PASS
			30~1000	2.07	-61.8	≤-17.93	PASS
			1000~26500	2.07	-51.68	≤-17.93	PASS
		2441	Reference	2.14	2.14	---	PASS
			30~1000	2.14	-61.14	≤-17.86	PASS
			1000~26500	2.14	-50.72	≤-17.86	PASS
		2480	Reference	1.14	1.14	---	PASS
			30~1000	1.14	-59.65	≤-18.86	PASS
			1000~26500	1.14	-50.69	≤-18.86	PASS
3DH5	Ant1	2402	Reference	0.80	0.80	---	PASS
			30~1000	0.80	-60.86	≤-19.2	PASS
			1000~26500	0.80	-50.44	≤-19.2	PASS
		2441	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-60.37	≤-20.69	PASS
			1000~26500	-0.69	-50.46	≤-20.69	PASS
		2480	Reference	-0.37	-0.37	---	PASS
			30~1000	-0.37	-60.72	≤-20.37	PASS
			1000~26500	-0.37	-50.04	≤-20.37	PASS

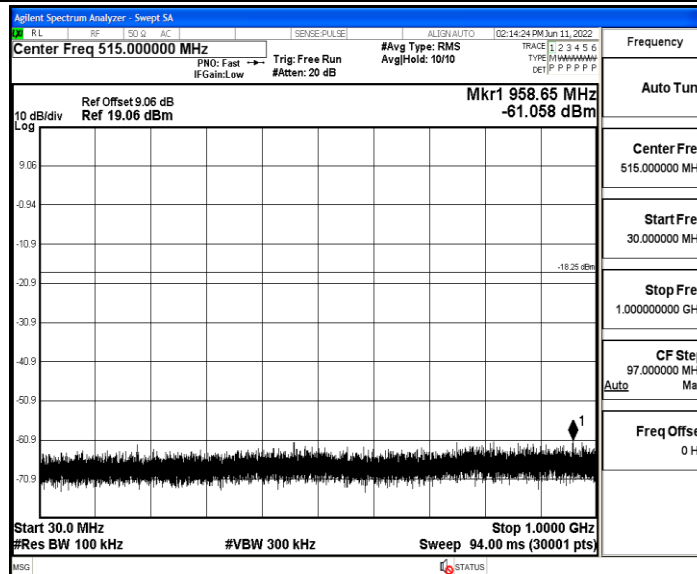
Test Graphs



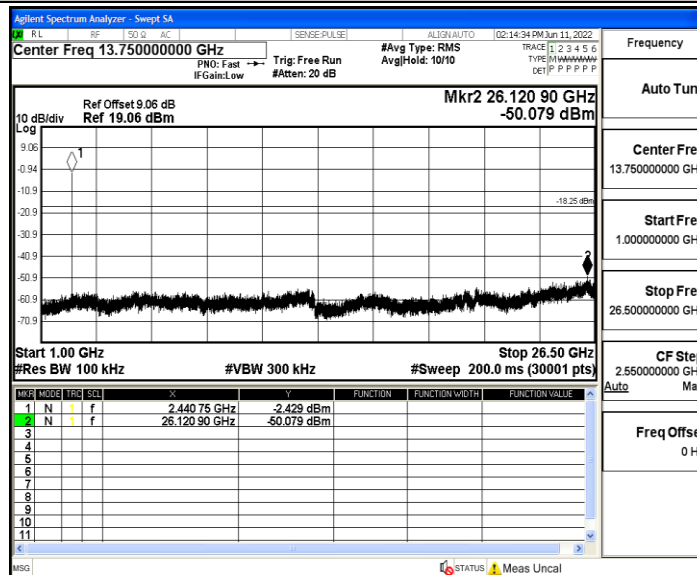
DH5_Ant1_2441_0~Reference



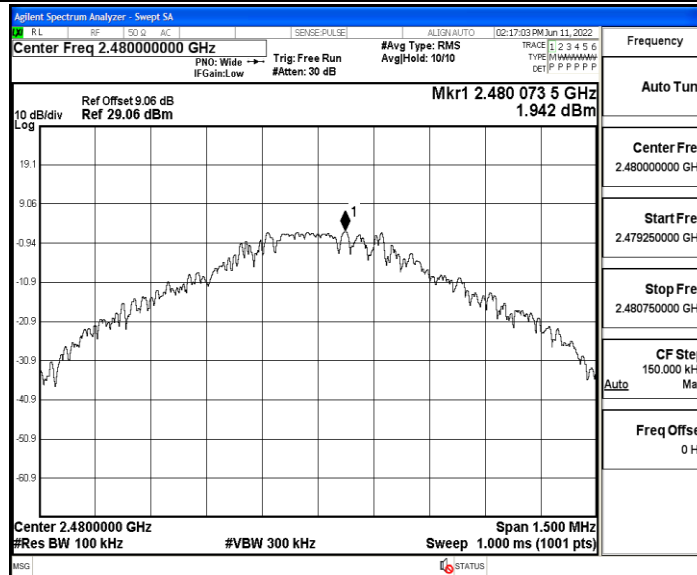
DH5_Ant1_2441_30~1000



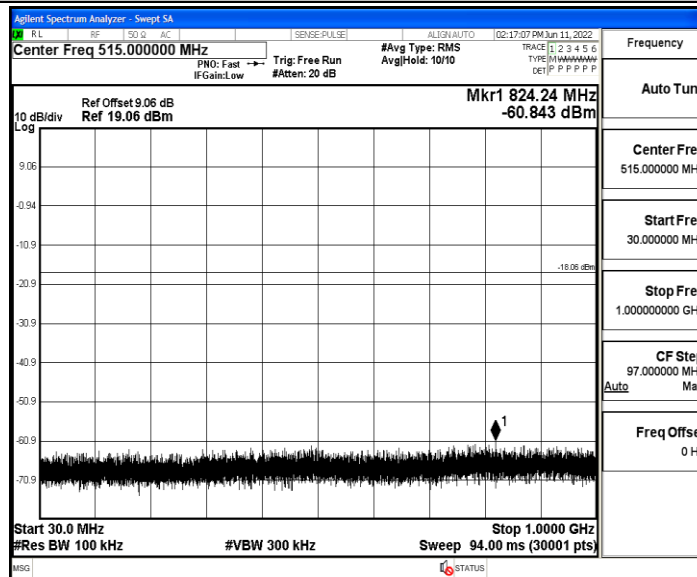
DH5_Ant1_2441_1000~26500



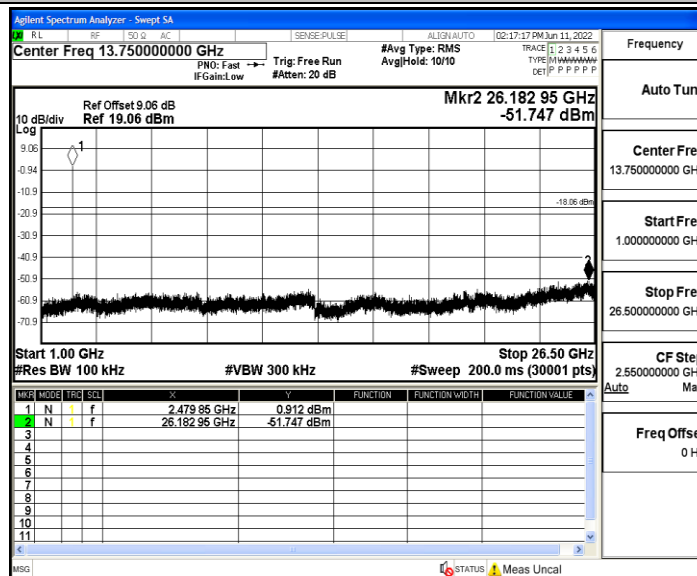
DH5_Ant1_2480_0~Reference



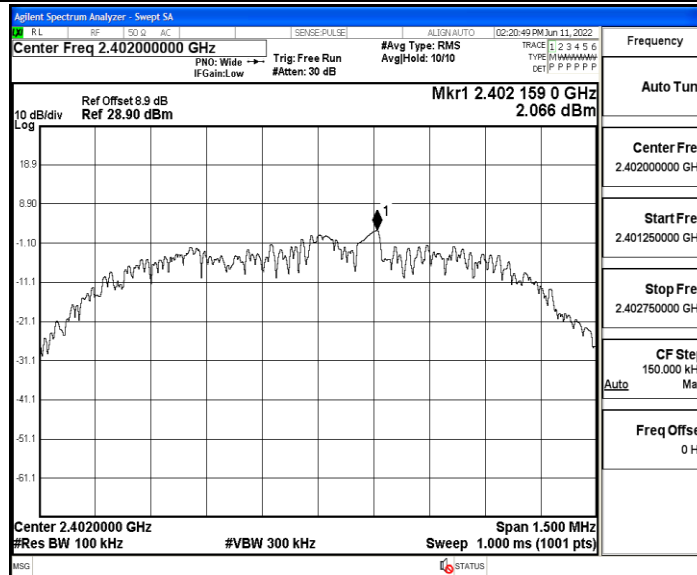
DH5_Ant1_2480_30~1000



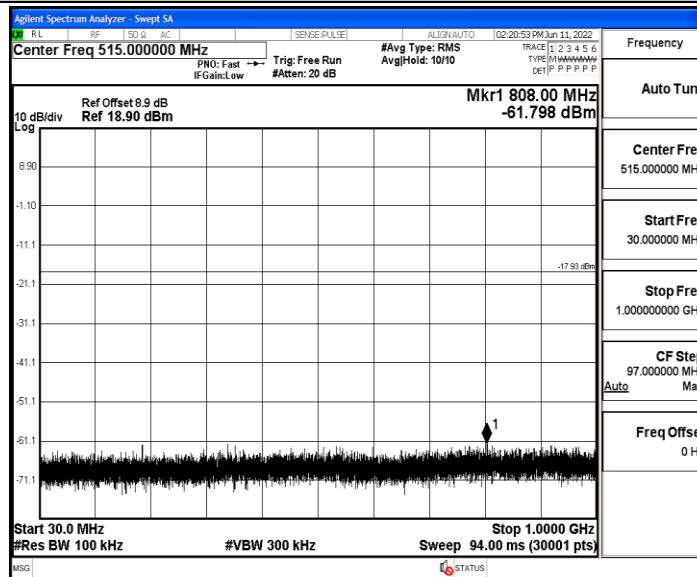
DH5_Ant1_2480_1000~26500



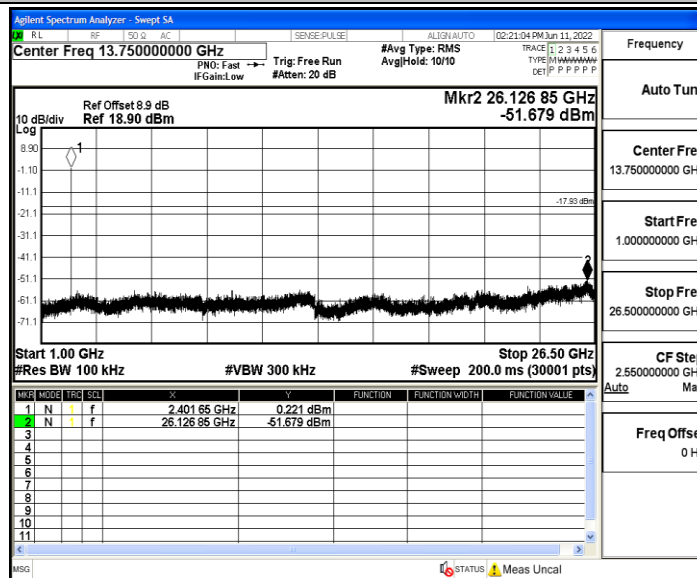
2DH5_Ant1_2402_0~Reference



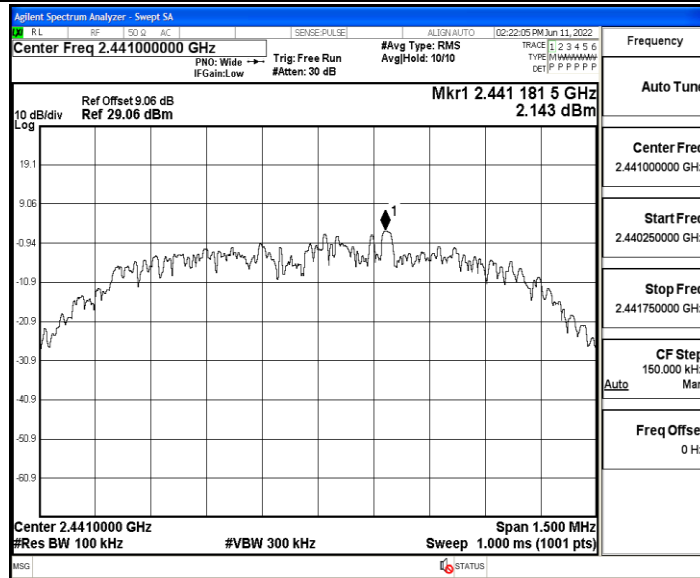
2DH5_Ant1_2402_30~1000



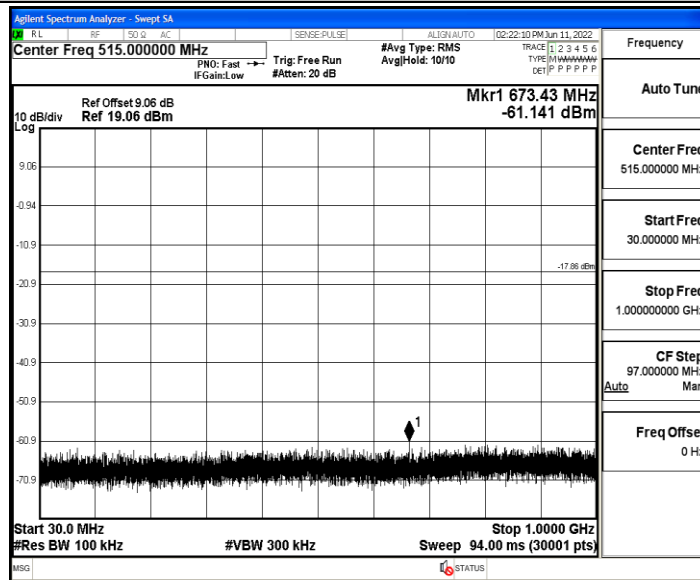
2DH5_Ant1_2402_1000~26500



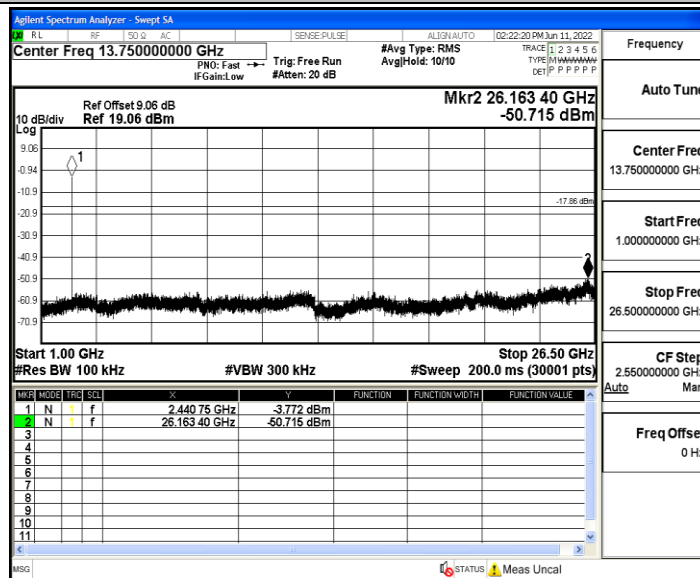
2DH5_Ant1_2441_0~Reference



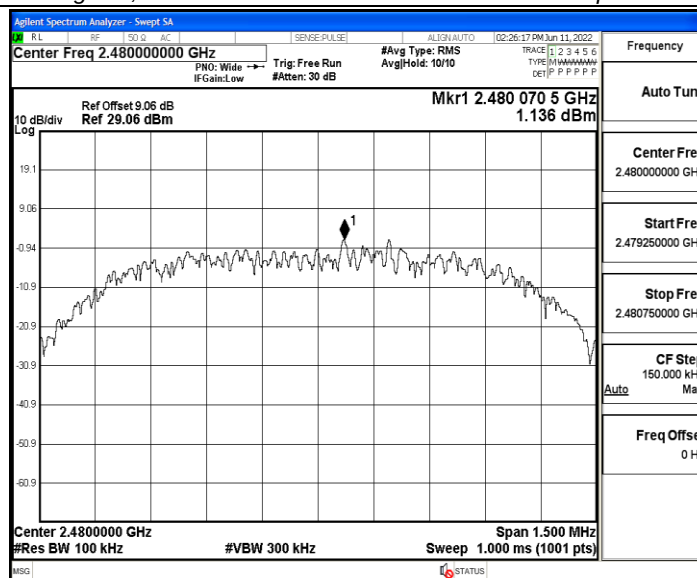
2DH5_Ant1_2441_30~1000



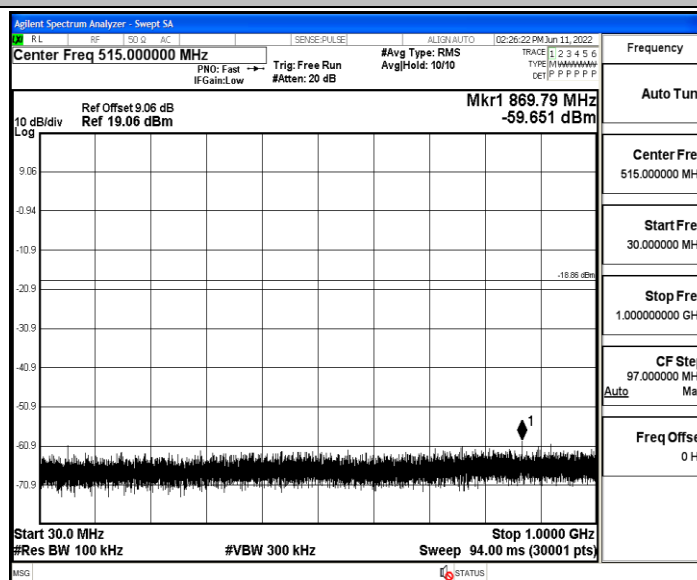
2DH5_Ant1_2441_1000~26500



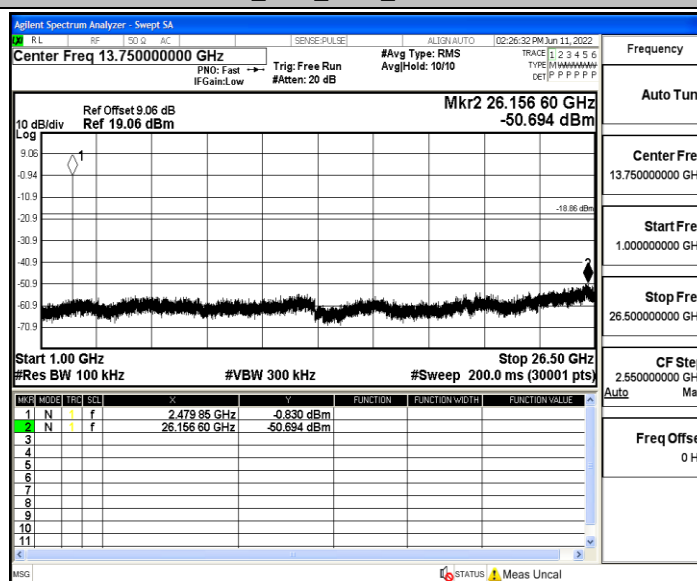
2DH5_Ant1_2480_0~Reference



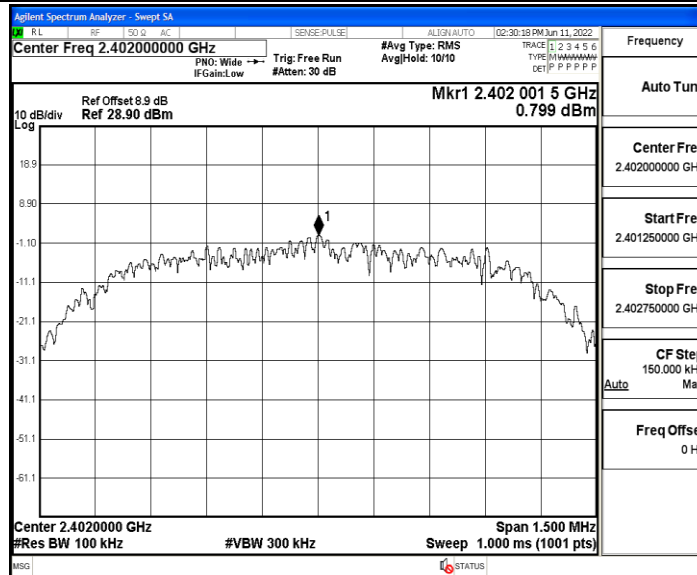
2DH5_Ant1_2480_30~1000



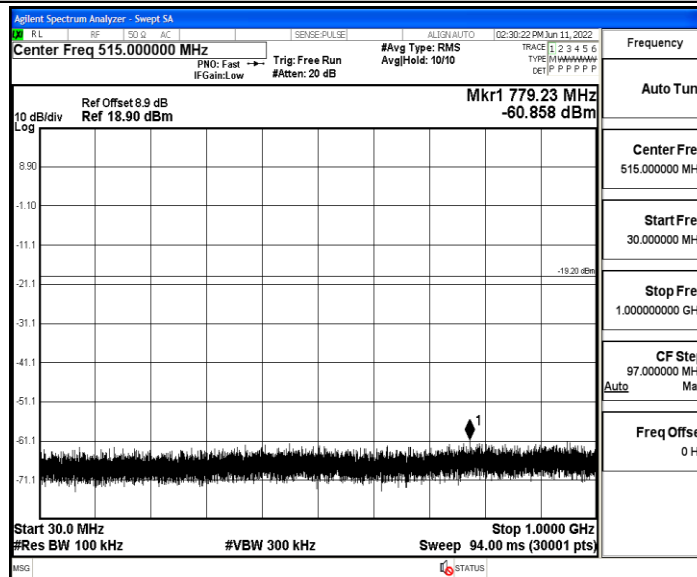
2DH5_Ant1_2480_1000~26500



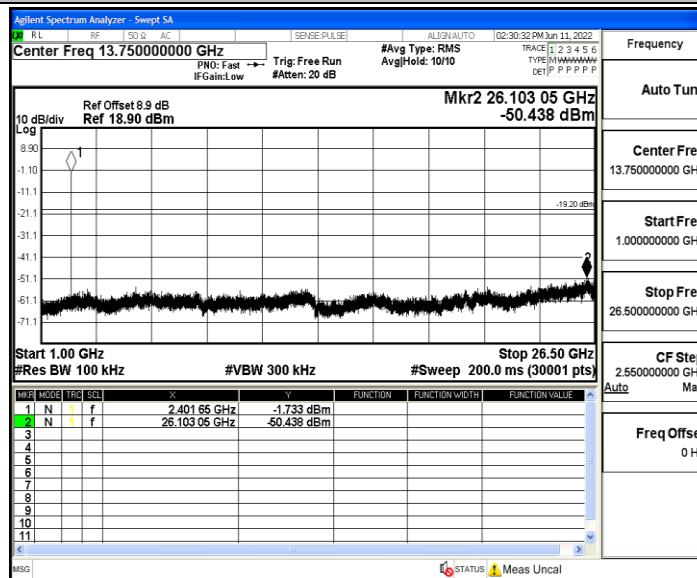
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_0~Reference