

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Wanbo Projector

Trade Mark: wanbo

Test Model: T6 Max

FCC ID:2A7PIT6MAX

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

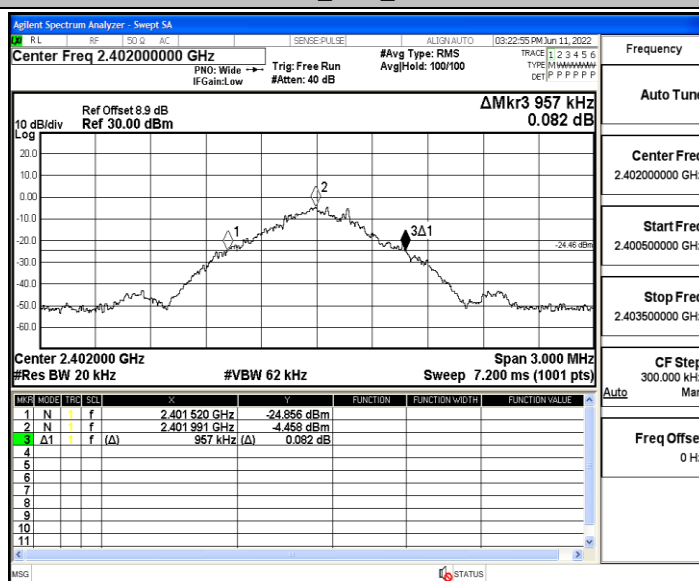
Appendix A: 20dB Emission Bandwidth

Test Result

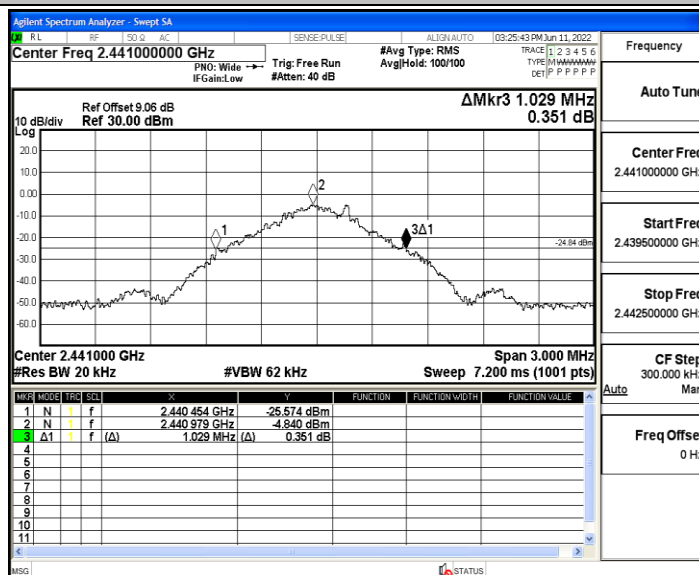
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.957	2401.520	2402.477	---	---
		2441	1.029	2440.454	2441.483	---	---
		2480	0.984	2479.505	2480.489	---	---
2DH5	Ant1	2402	1.290	2401.346	2402.636	---	---
		2441	1.284	2440.349	2441.633	---	---
		2480	1.266	2479.361	2480.627	---	---
3DH5	Ant1	2402	1.269	2401.349	2402.618	---	---
		2441	1.290	2440.343	2441.633	---	---
		2480	1.287	2479.343	2480.630	---	---

Test Graphs

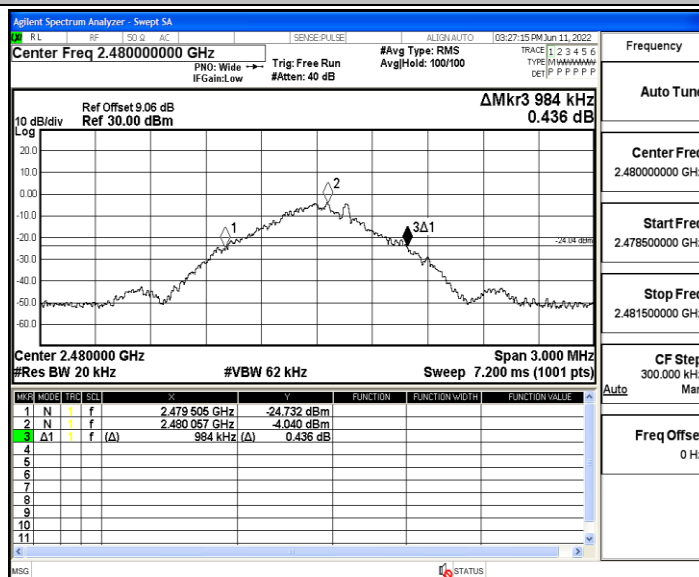
DH5_Ant1_2402



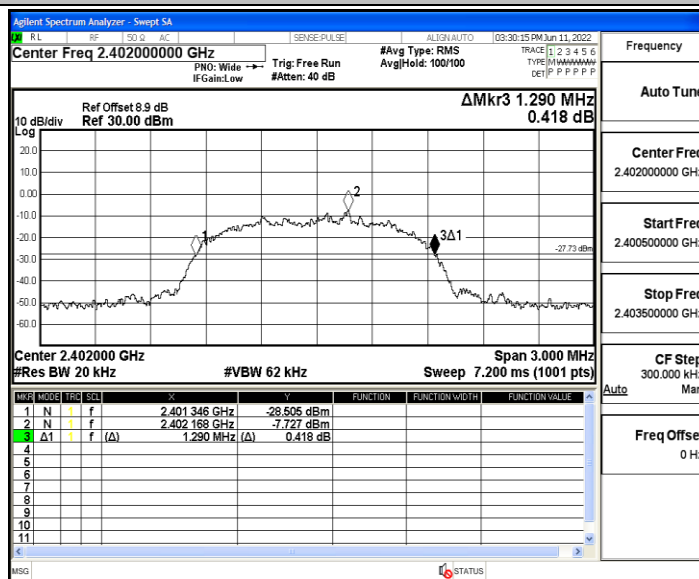
DH5_Ant1_2441



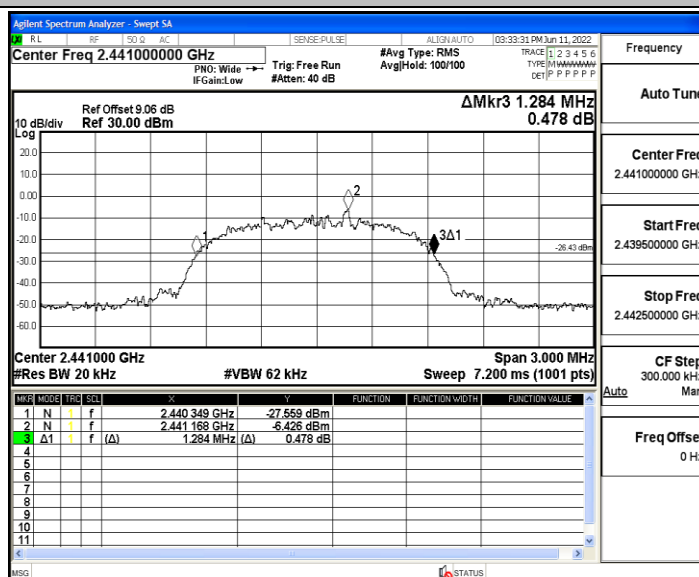
DH5_Ant1_2480



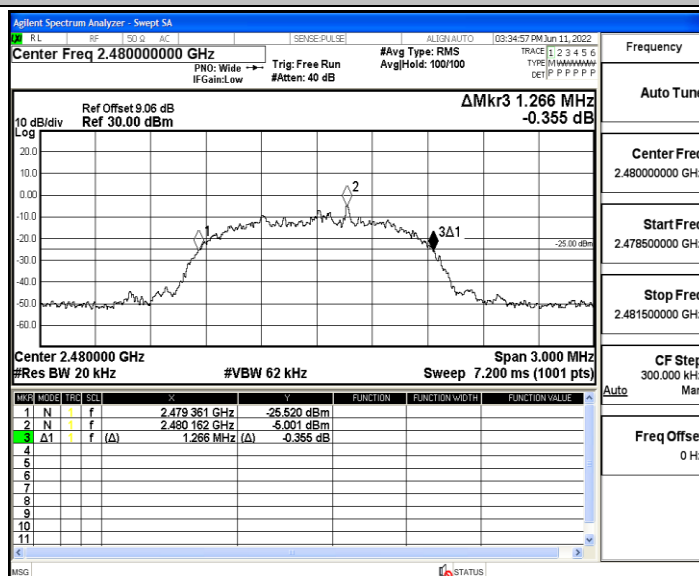
2DH5_Ant1_2402



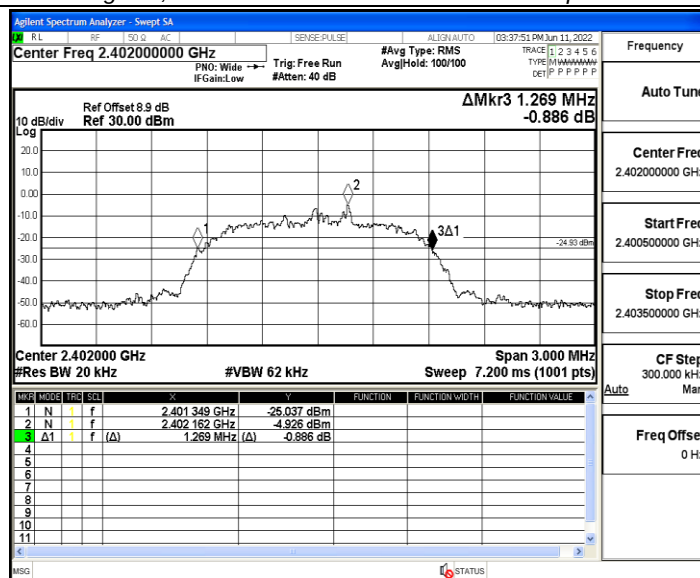
2DH5_Ant1_2441



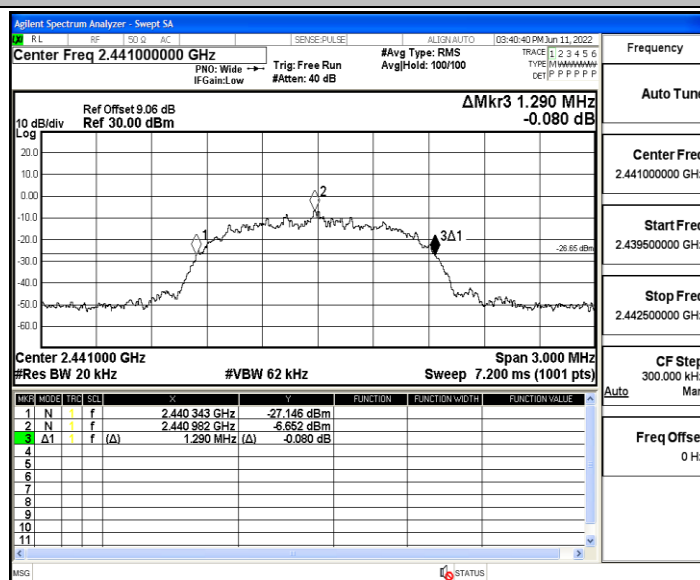
2DH5_Ant1_2480



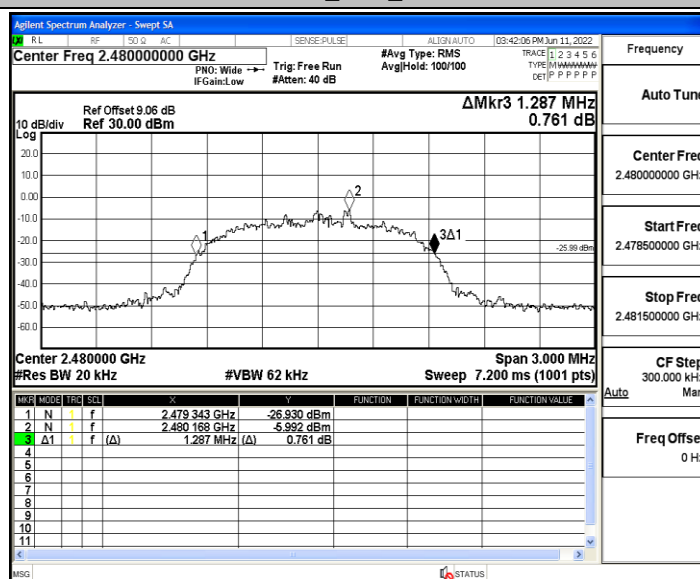
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



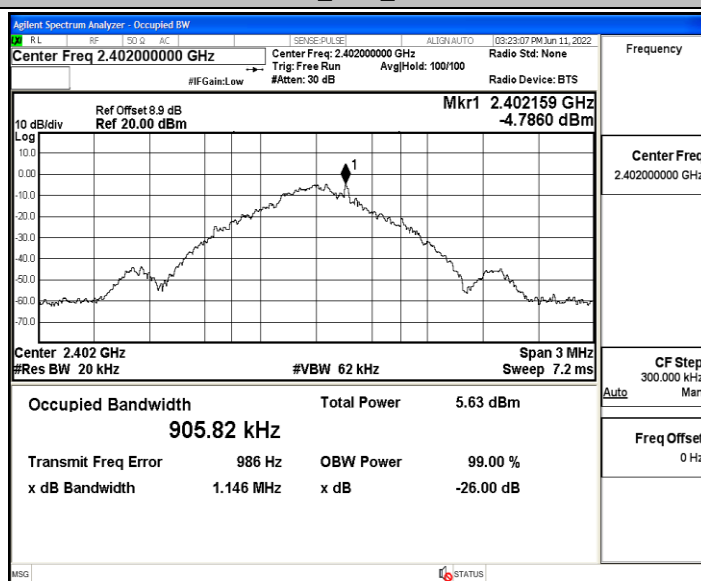
Appendix B: Occupied Channel Bandwidth

Test Result

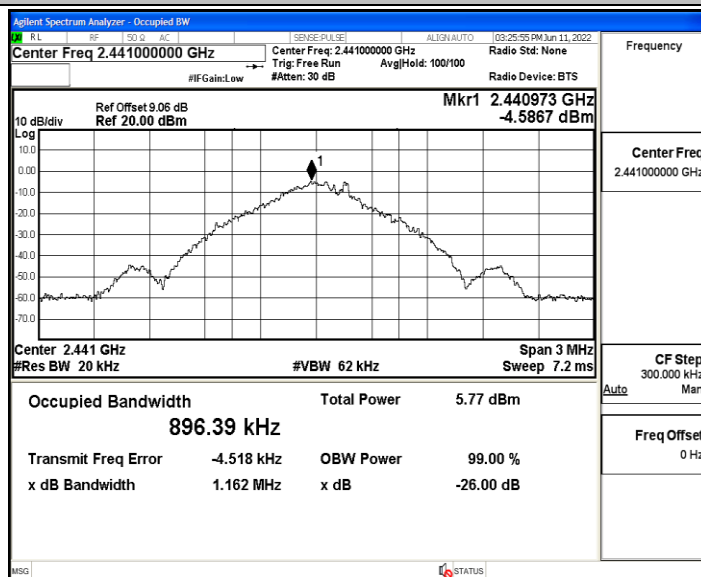
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.90582	2401.548	2402.454	---	---
		2441	0.89639	2440.547	2441.444	---	---
		2480	0.90921	2479.545	2480.455	---	---
2DH5	Ant1	2402	1.1750	2401.404	2402.579	---	---
		2441	1.1735	2440.404	2441.577	---	---
		2480	1.1774	2479.405	2480.582	---	---
3DH5	Ant1	2402	1.1660	2401.414	2402.580	---	---
		2441	1.1727	2440.407	2441.580	---	---
		2480	1.1639	2479.416	2480.580	---	---

Test Graphs

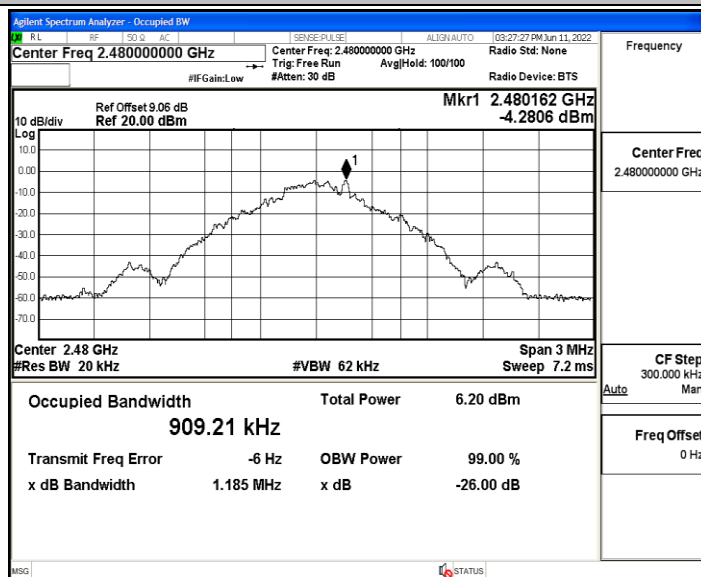
DH5_Ant1_2402



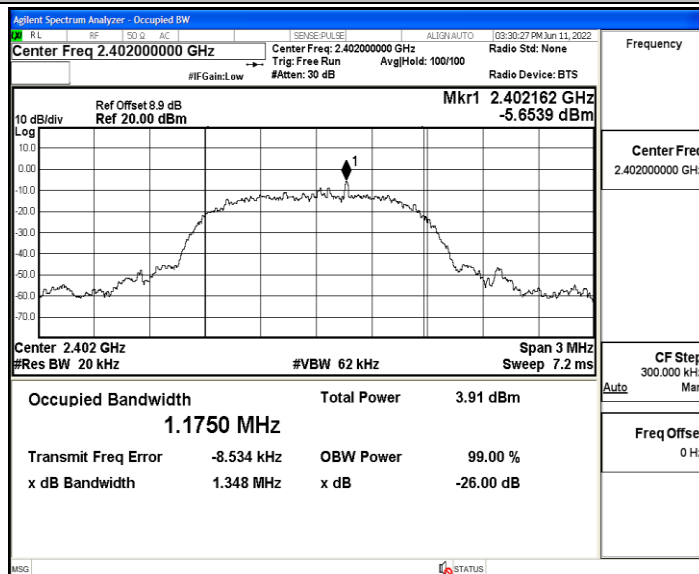
DH5_Ant1_2441



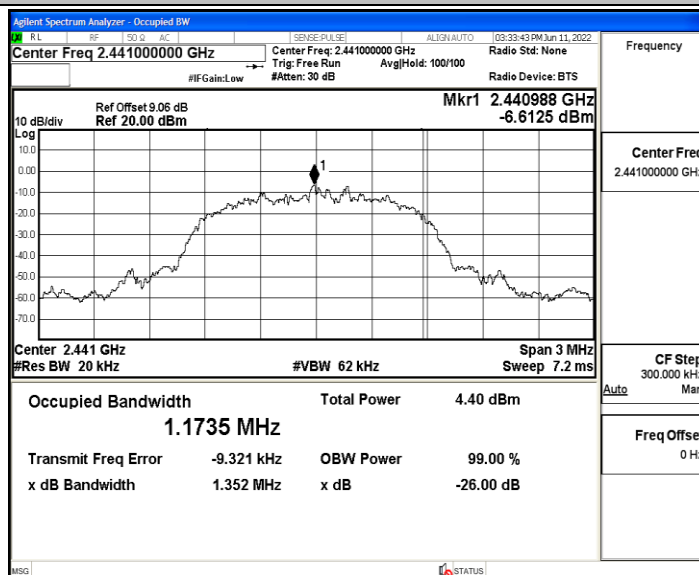
DH5_Ant1_2480



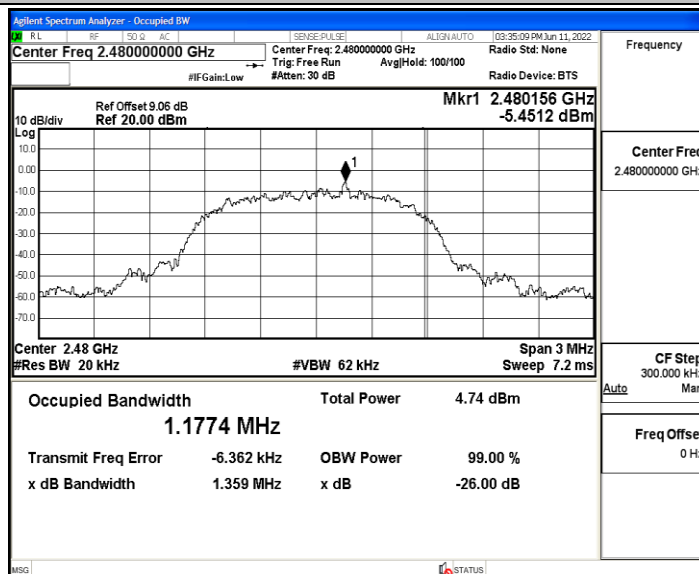
2DH5_Ant1_2402



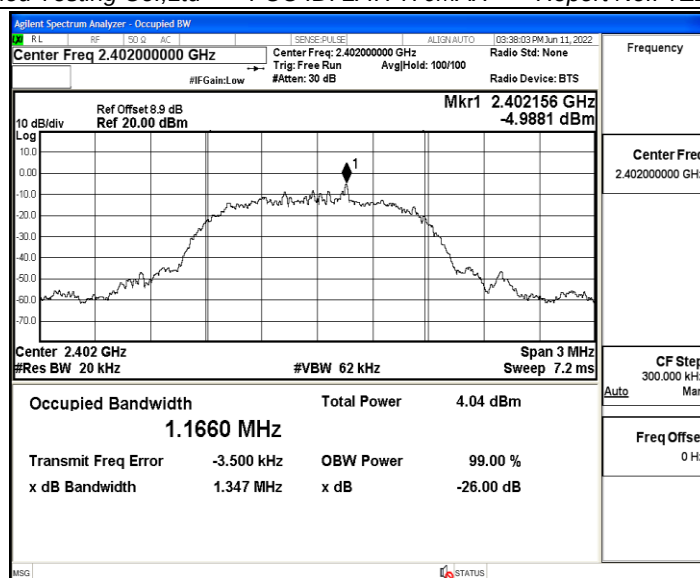
2DH5_Ant1_2441



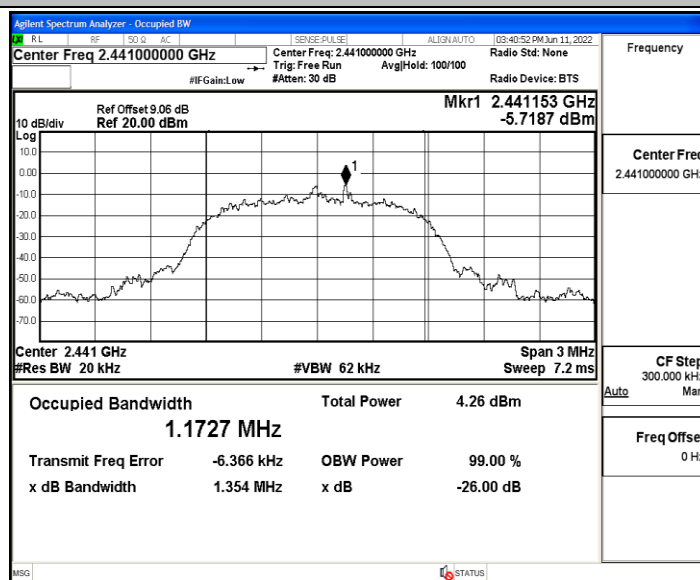
2DH5_Ant1_2480



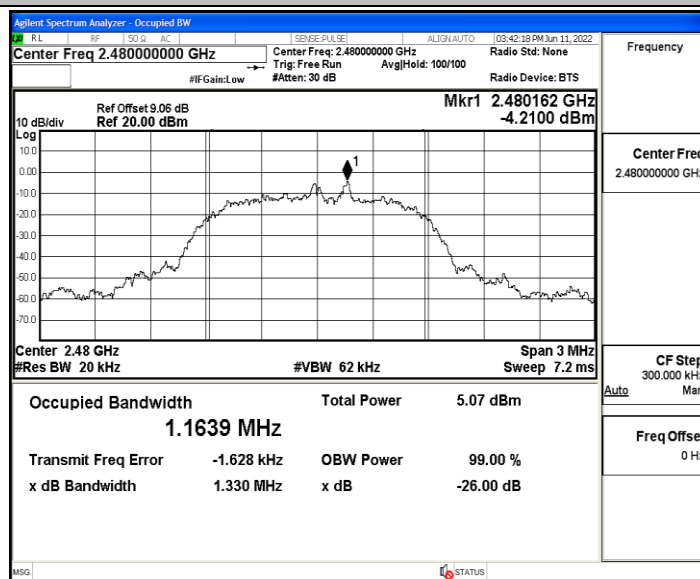
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



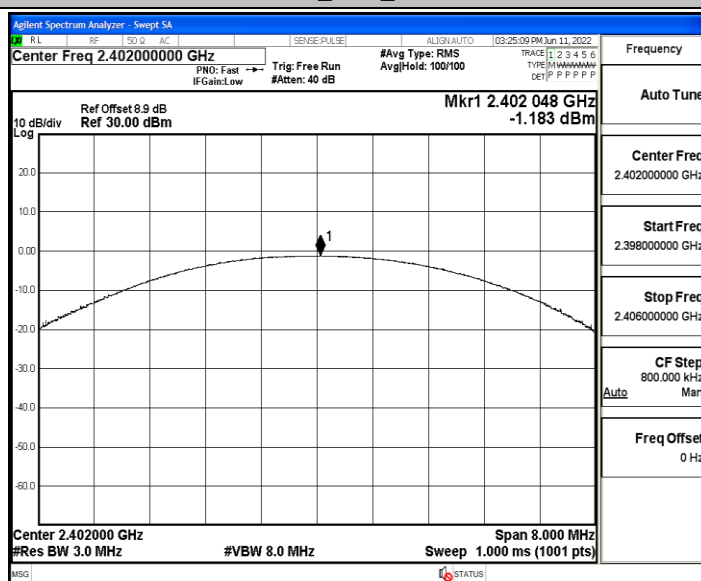
Appendix C: Maximum conducted output power

Test Result

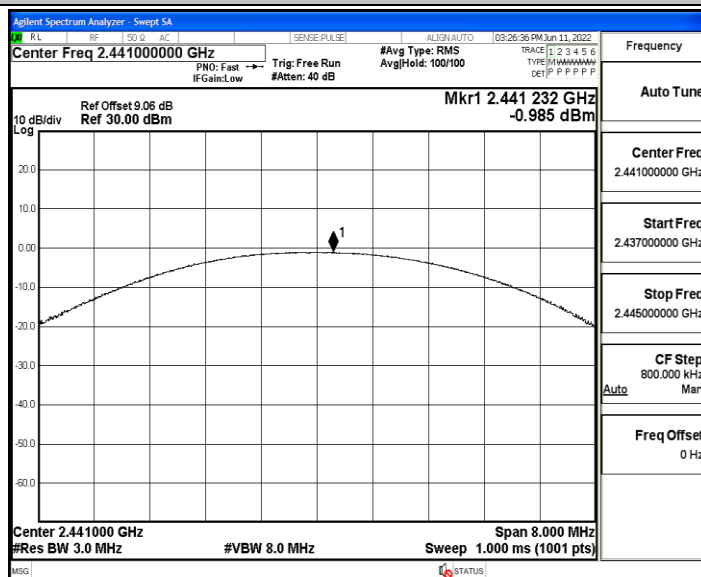
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	-1.18	≤20.97	PASS
		2441	-0.99	≤20.97	PASS
		2480	-0.6	≤20.97	PASS
2DH5	Ant1	2402	-1.24	≤20.97	PASS
		2441	-1.12	≤20.97	PASS
		2480	-0.64	≤20.97	PASS
3DH5	Ant1	2402	-0.98	≤20.97	PASS
		2441	-0.78	≤20.97	PASS
		2480	-0.29	≤20.97	PASS

Test Graphs

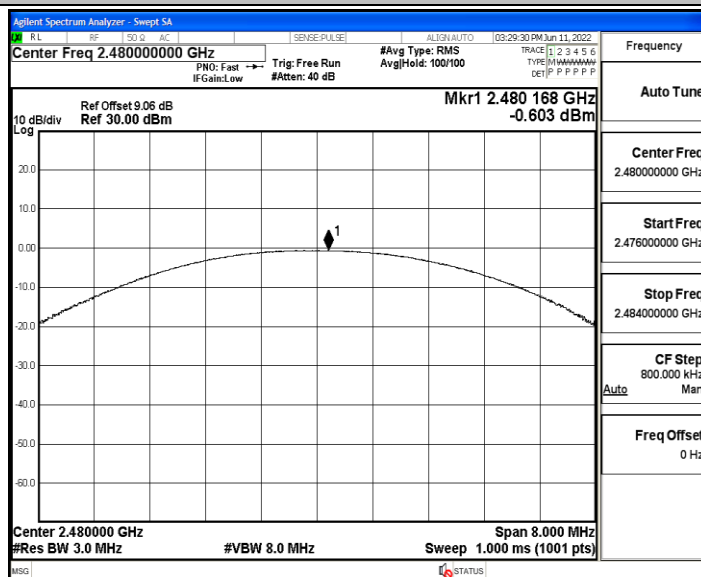
DH5_Ant1_2402



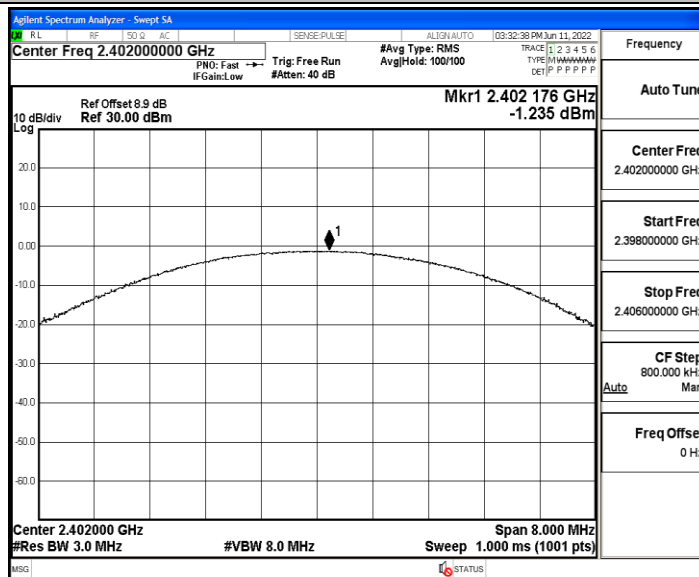
DH5_Ant1_2441



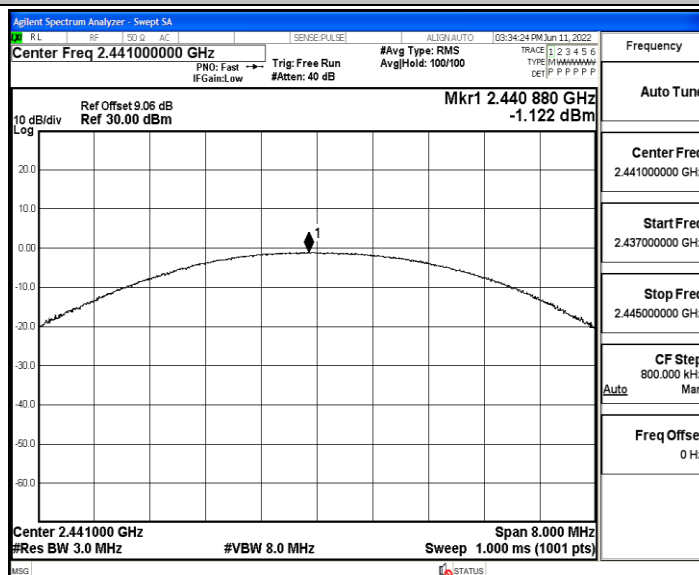
DH5_Ant1_2480



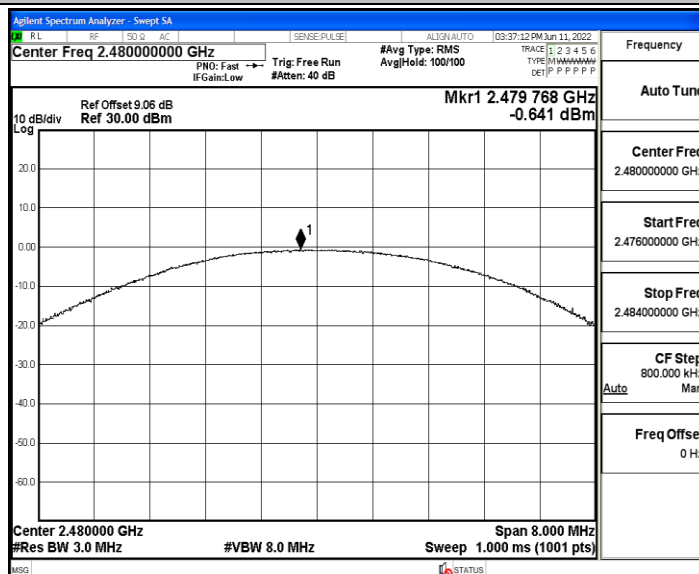
2DH5_Ant1_2402



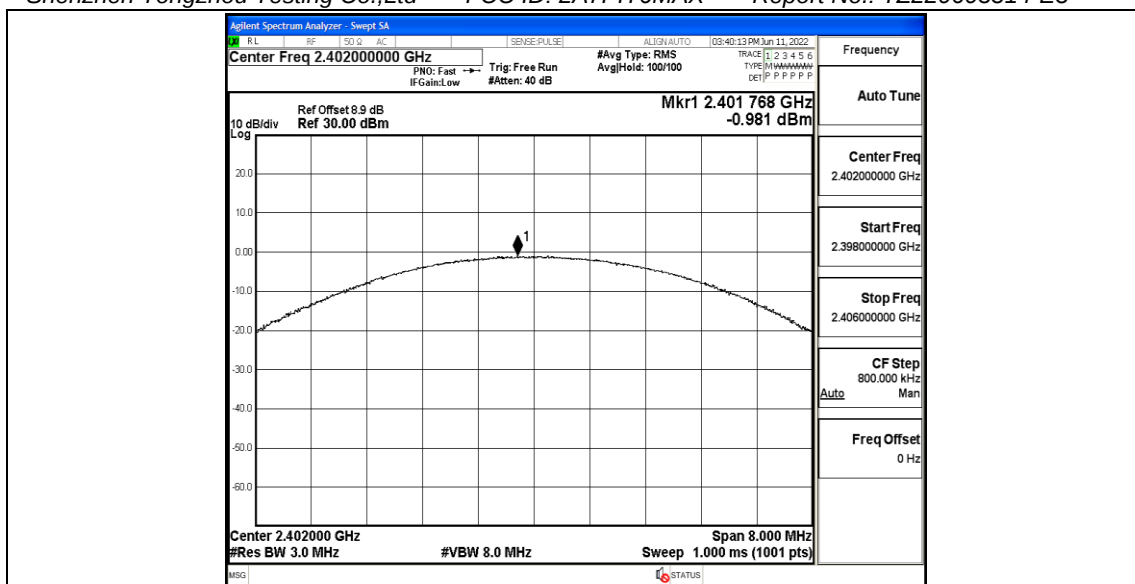
2DH5_Ant1_2441



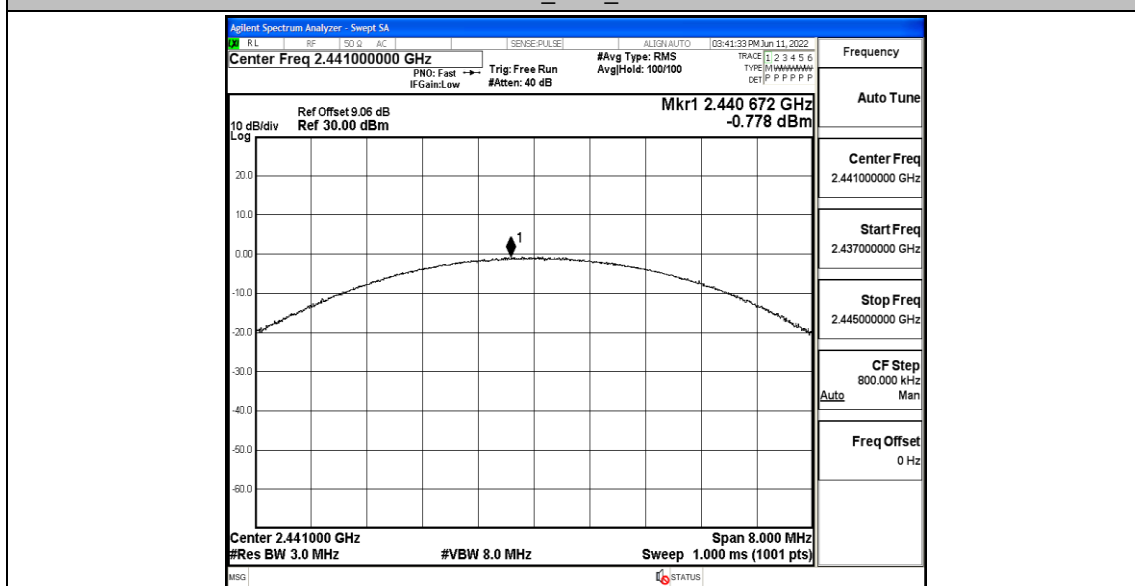
2DH5_Ant1_2480



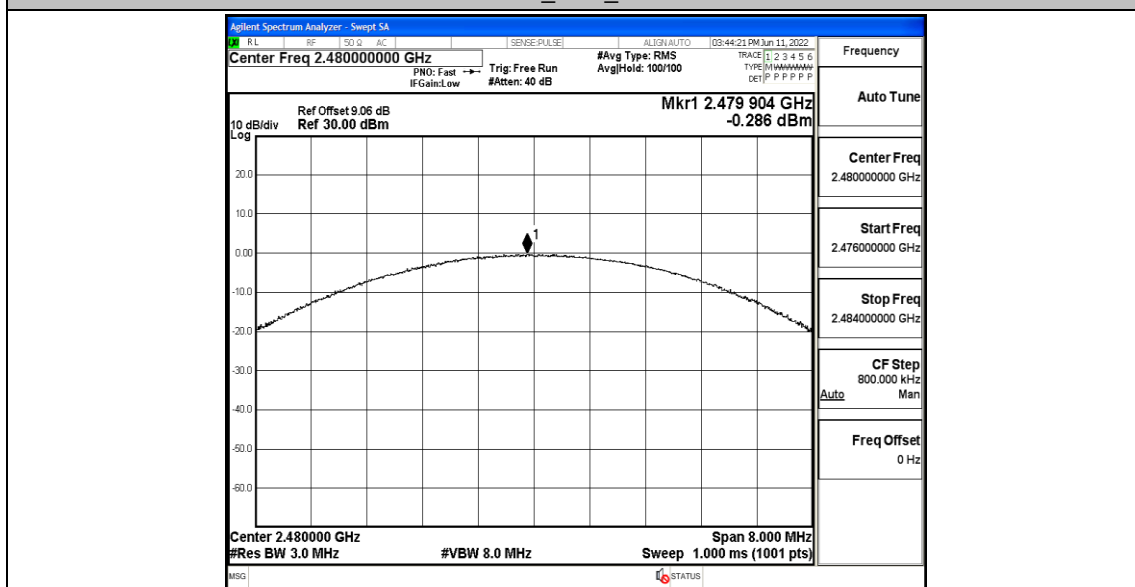
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

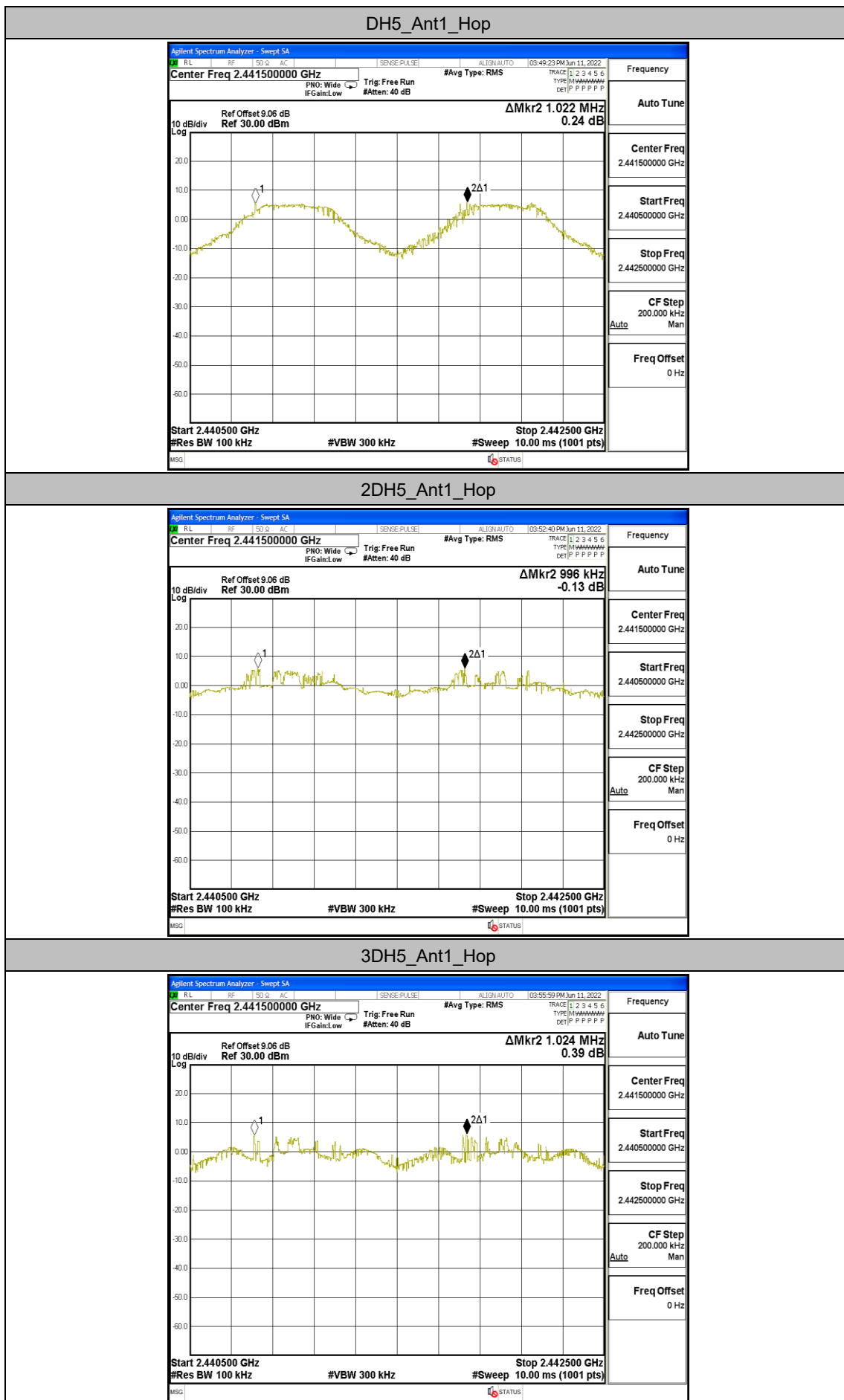


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.022	≥ 0.686	PASS
2DH5	Ant1	Hop	0.996	≥ 0.860	PASS
3DH5	Ant1	Hop	1.024	≥ 0.860	PASS

Test Graphs

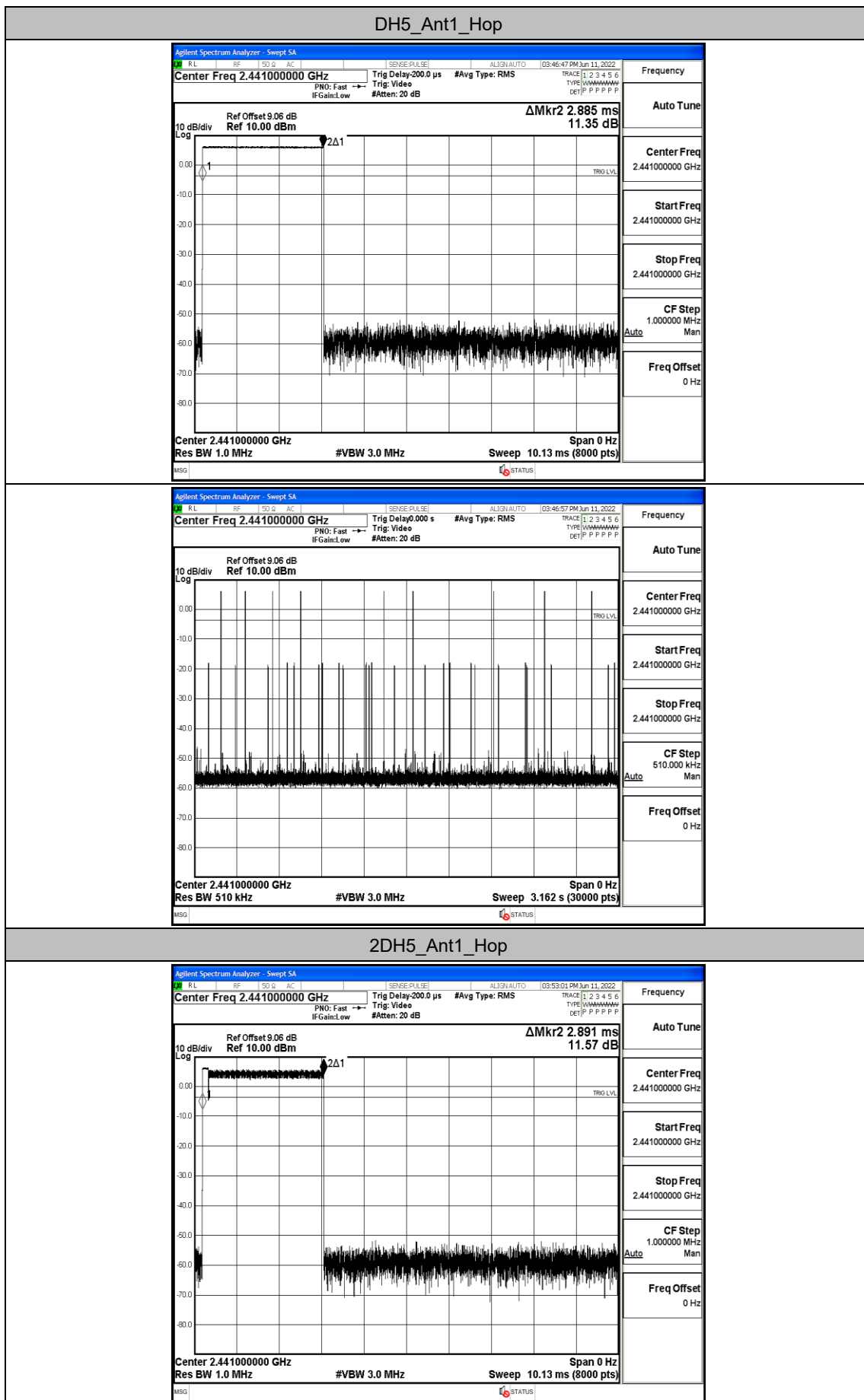


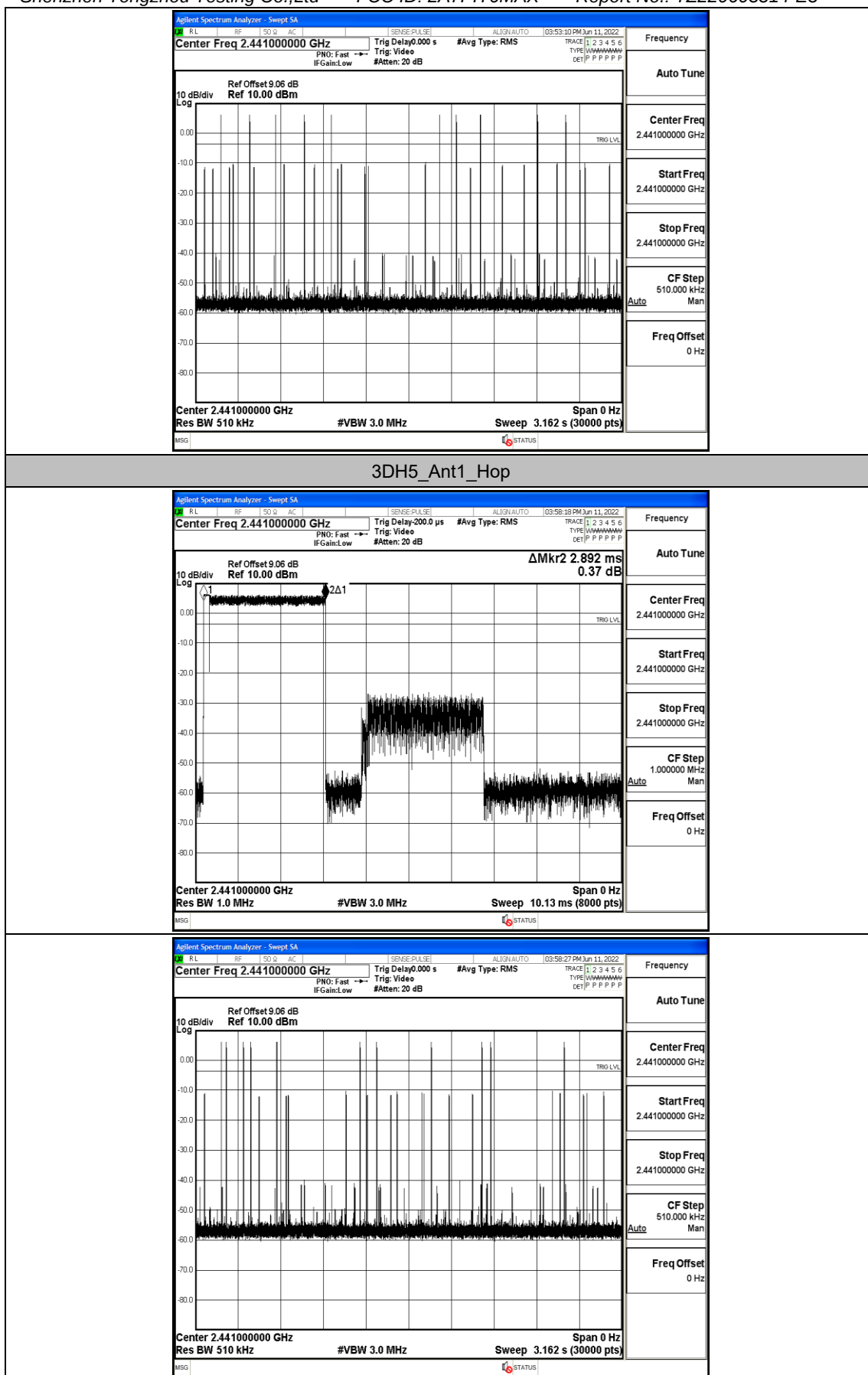
Appendix E: Time of occupancy

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	110	0.318	≤0.4	PASS
3DH5	Ant1	Hop	2.89	120	0.347	≤0.4	PASS

Test Graphs



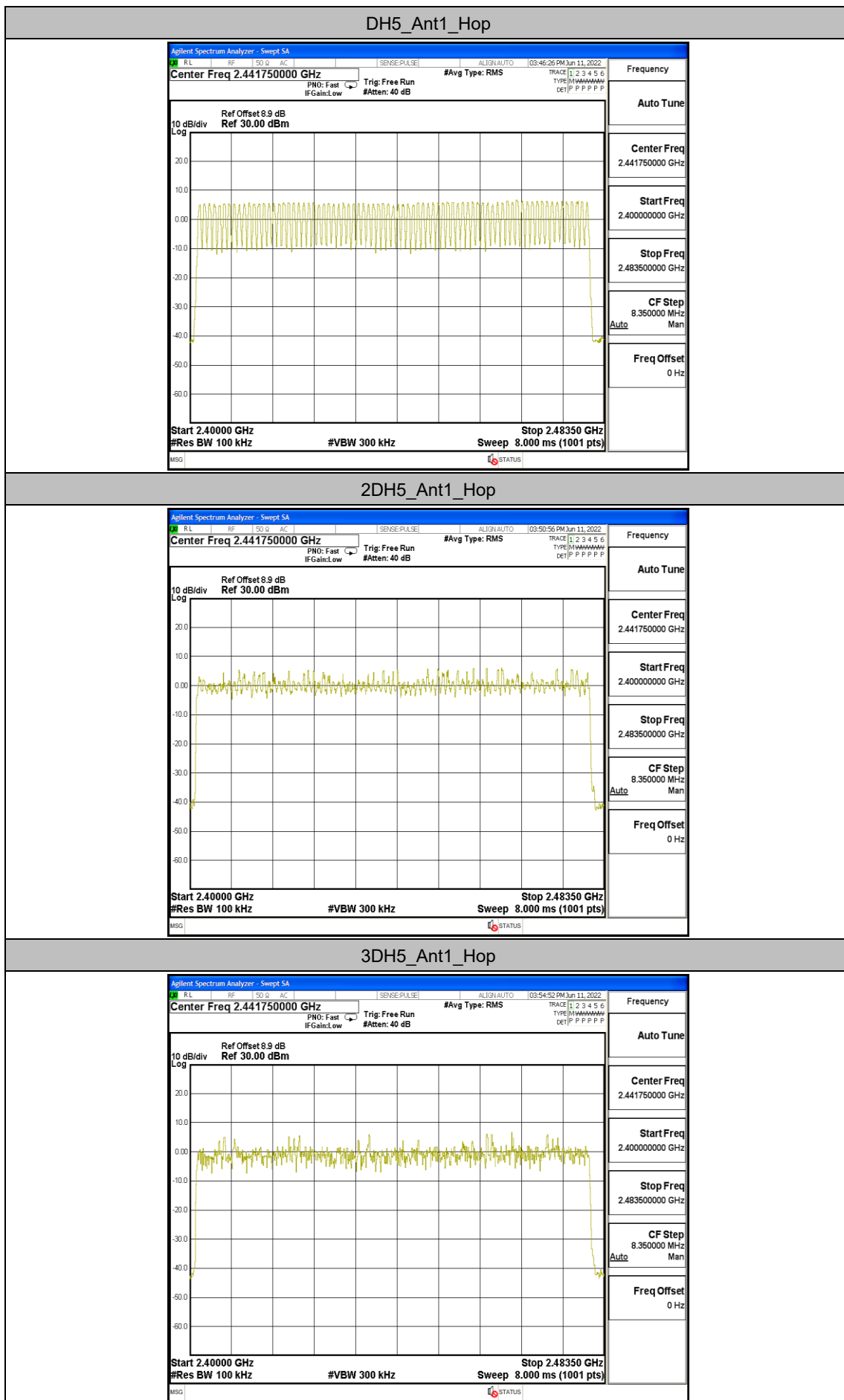


Appendix F: Number of hopping channels

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



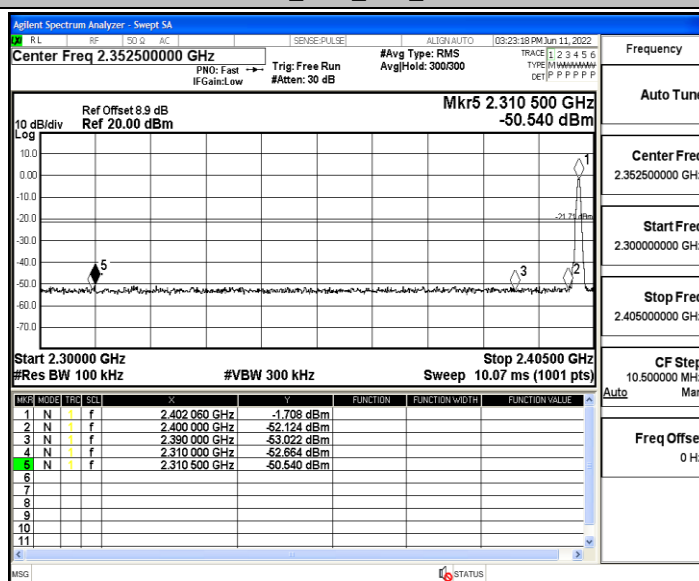
Appendix G: Band edge measurements

Test Result

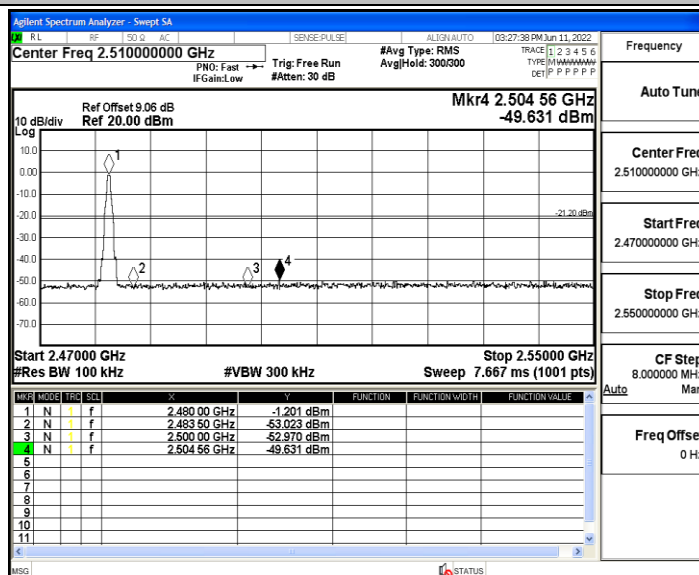
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.71	-50.54	≤-21.71	PASS
		High	2480	-1.20	-49.63	≤-21.2	PASS
		Low	Hop_2402	4.90	-50.5	≤-15.1	PASS
		High	Hop_2480	6.30	-49.26	≤-13.7	PASS
2DH5	Ant1	Low	2402	-1.69	-50.42	≤-21.69	PASS
		High	2480	-0.98	-48.61	≤-20.98	PASS
		Low	Hop_2402	3.09	-50.5	≤-16.91	PASS
		High	Hop_2480	5.45	-49.72	≤-14.55	PASS
3DH5	Ant1	Low	2402	-1.70	-50.44	≤-21.7	PASS
		High	2480	-1.25	-48.76	≤-21.25	PASS
		Low	Hop_2402	4.73	-50.81	≤-15.27	PASS
		High	Hop_2480	5.01	-49.08	≤-14.99	PASS

Test Graphs

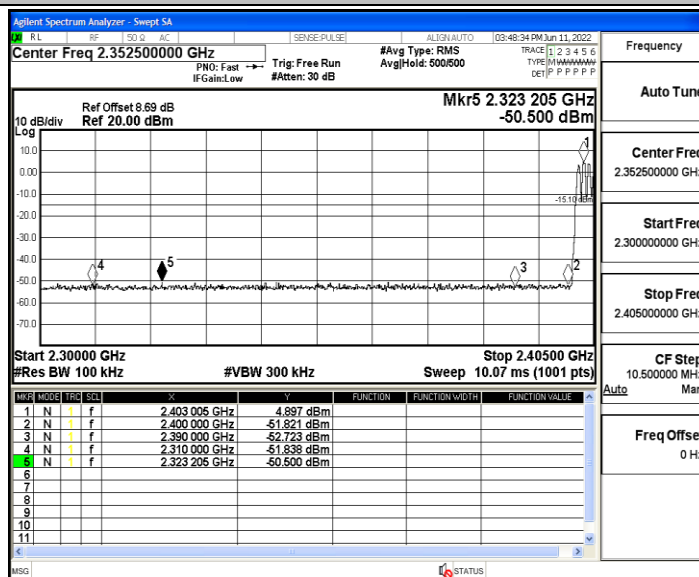
DH5_Ant1_Low_2402



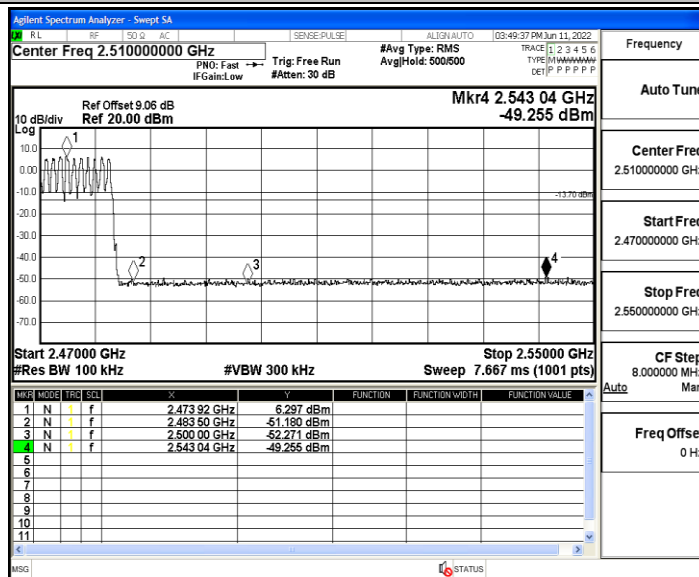
DH5_Ant1_High_2480



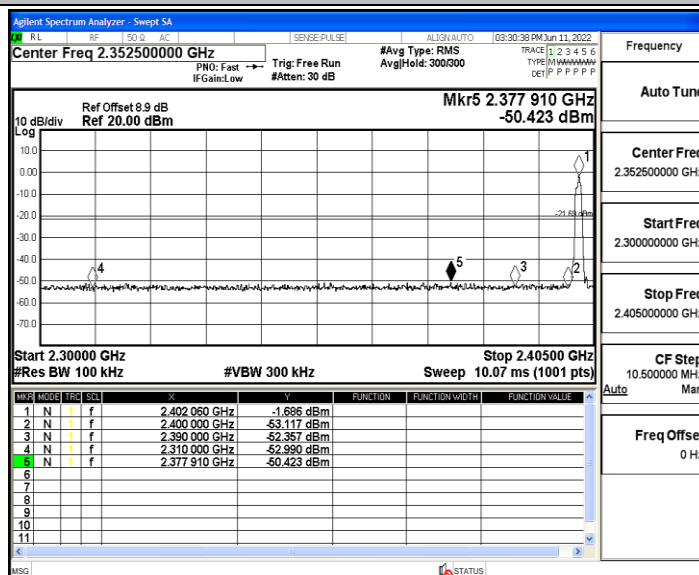
DH5_Ant1_Low_Hop_2402



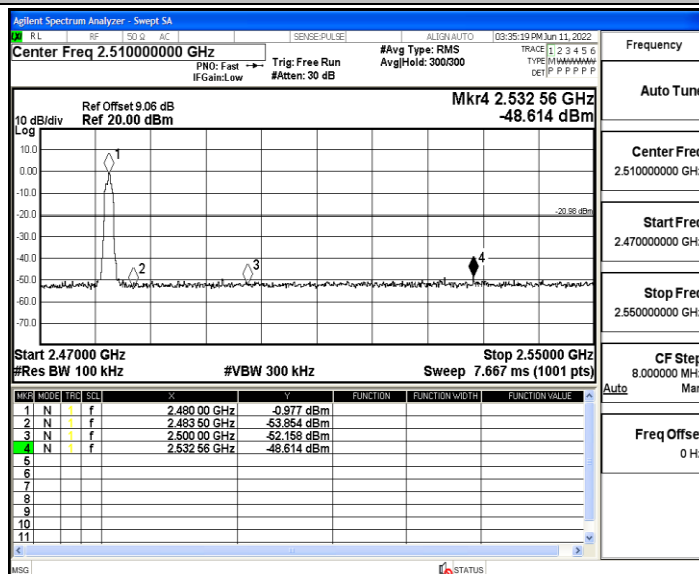
DH5_Ant1_High_Hop_2480



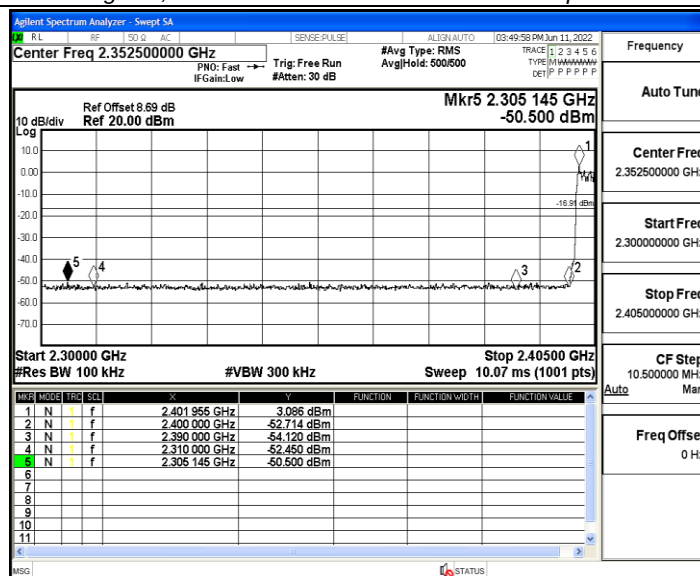
2DH5_Ant1_Low_2402



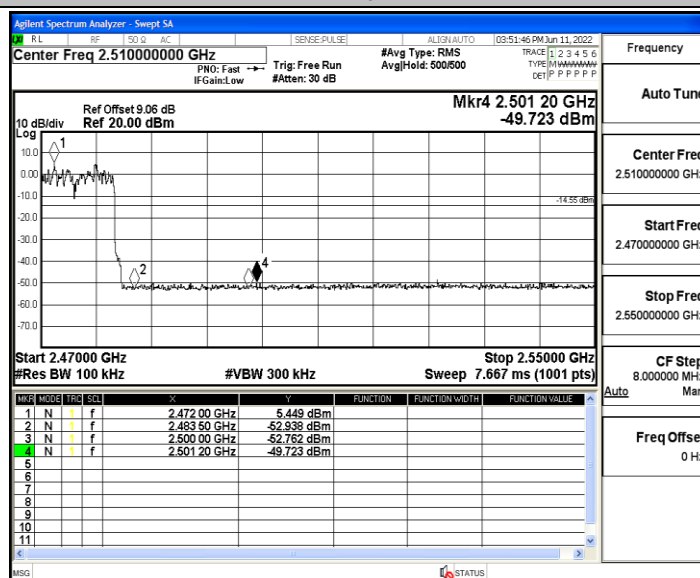
2DH5_Ant1_High_2480



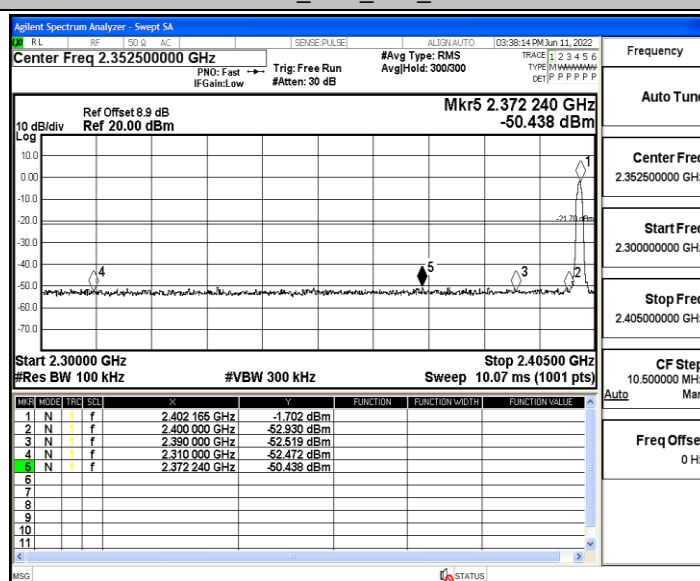
2DH5_Ant1_Low_Hop_2402



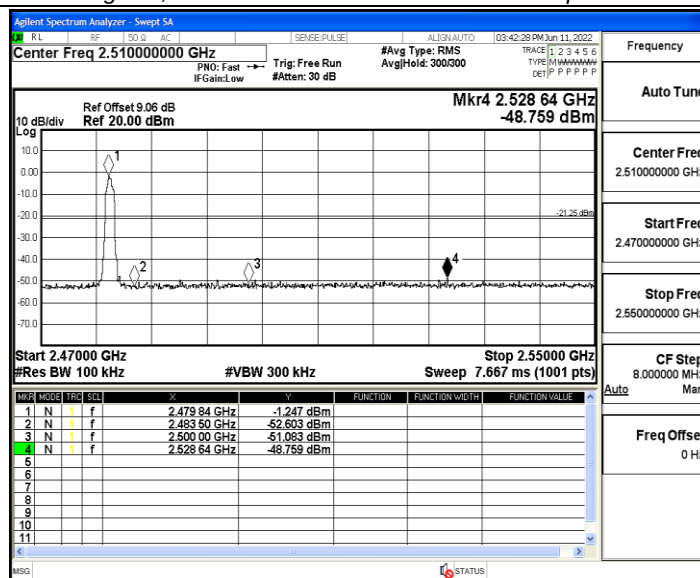
2DH5_Ant1_High_Hop_2480



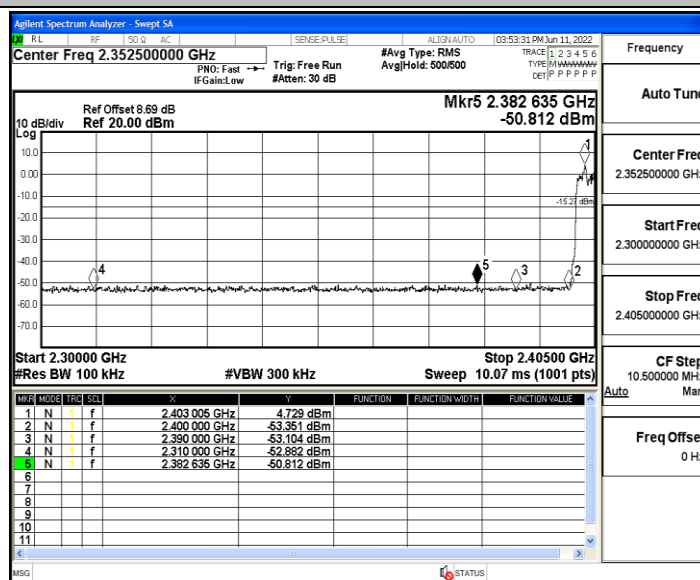
3DH5_Ant1_Low_2402



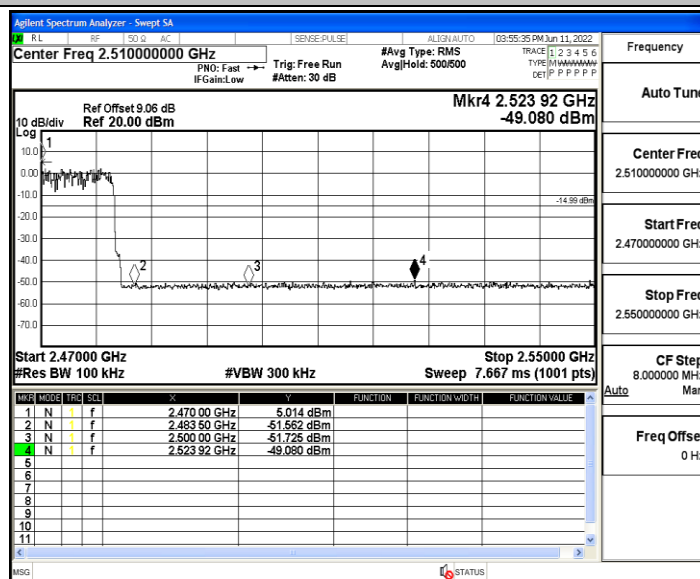
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



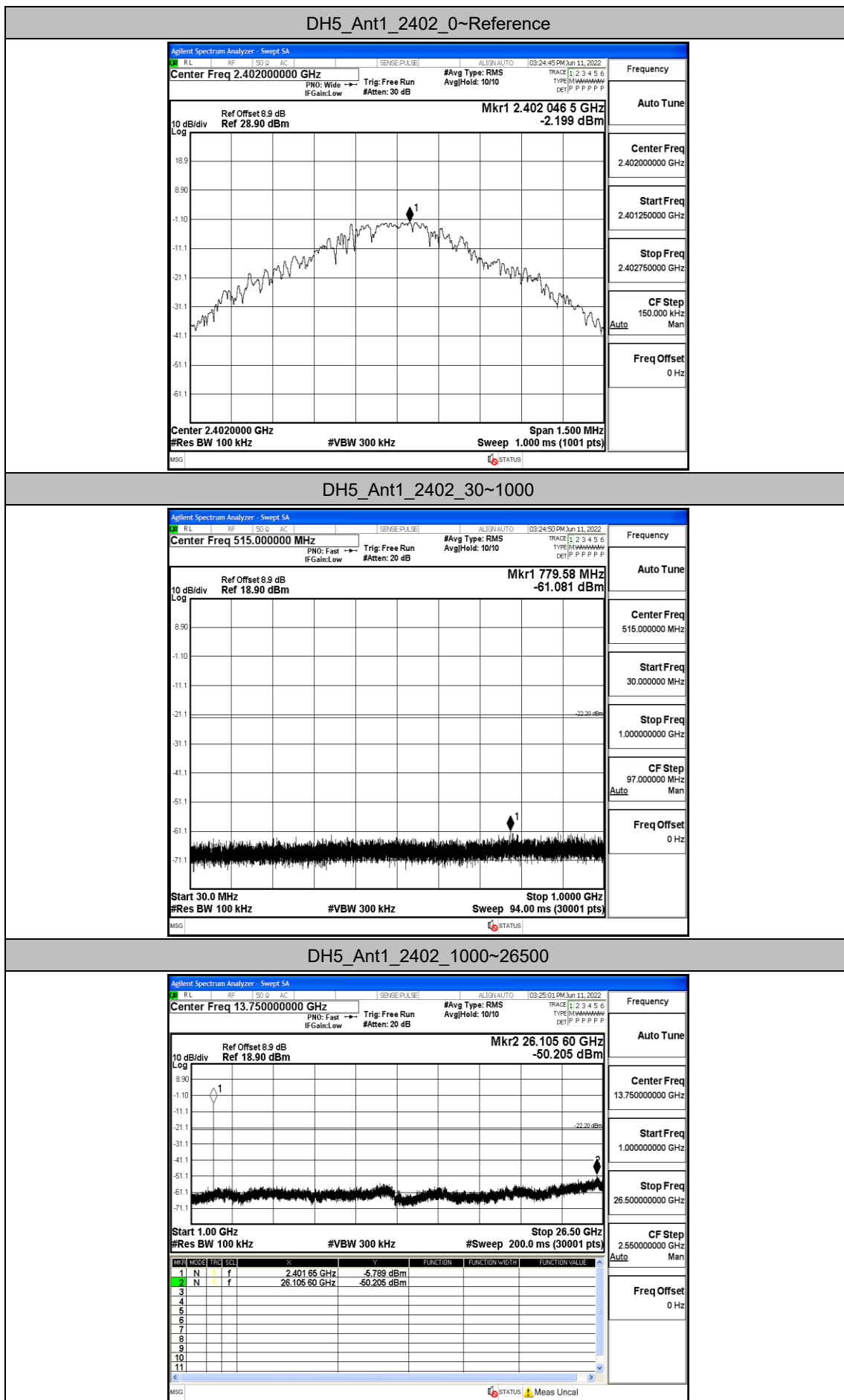
3DH5_Ant1_High_Hop_2480



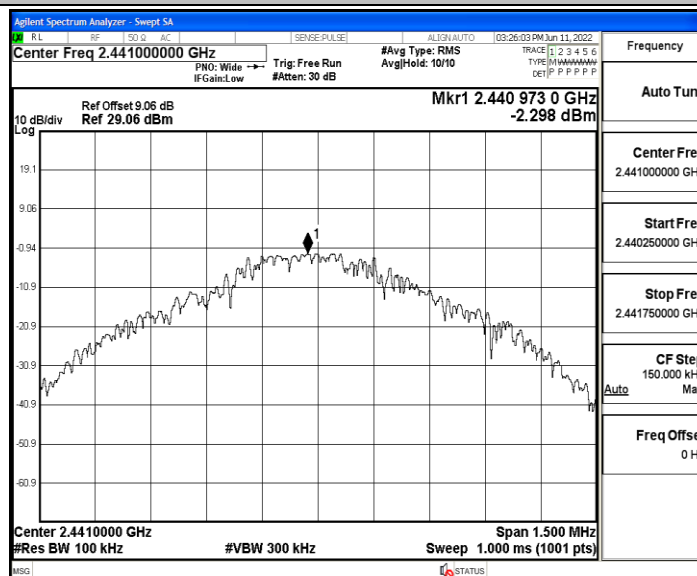
Appendix H: Conducted Spurious Emission**Test Result**

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-2.20	-2.20	---	PASS
			30~1000	-2.20	-61.08	≤-22.2	PASS
			1000~26500	-2.20	-50.21	≤-22.2	PASS
		2441	Reference	-2.30	-2.30	---	PASS
			30~1000	-2.30	-61.74	≤-22.3	PASS
			1000~26500	-2.30	-50.31	≤-22.3	PASS
		2480	Reference	-1.58	-1.58	---	PASS
			30~1000	-1.58	-61.33	≤-21.58	PASS
			1000~26500	-1.58	-51.47	≤-21.58	PASS
2DH5	Ant1	2402	Reference	-6.13	-6.13	---	PASS
			30~1000	-6.13	-62.16	≤-26.13	PASS
			1000~26500	-6.13	-51.44	≤-26.13	PASS
		2441	Reference	-5.65	-5.65	---	PASS
			30~1000	-5.65	-61.51	≤-25.65	PASS
			1000~26500	-5.65	-51.14	≤-25.65	PASS
		2480	Reference	-4.08	-4.08	---	PASS
			30~1000	-4.08	-61.19	≤-24.08	PASS
			1000~26500	-4.08	-51.26	≤-24.08	PASS
3DH5	Ant1	2402	Reference	-5.34	-5.34	---	PASS
			30~1000	-5.34	-60.87	≤-25.34	PASS
			1000~26500	-5.34	-52.54	≤-25.34	PASS
		2441	Reference	-6.25	-6.25	---	PASS
			30~1000	-6.25	-60.95	≤-26.25	PASS
			1000~26500	-6.25	-50.25	≤-26.25	PASS
		2480	Reference	-2.74	-2.74	---	PASS
			30~1000	-2.74	-60.93	≤-22.74	PASS
			1000~26500	-2.74	-51.42	≤-22.74	PASS

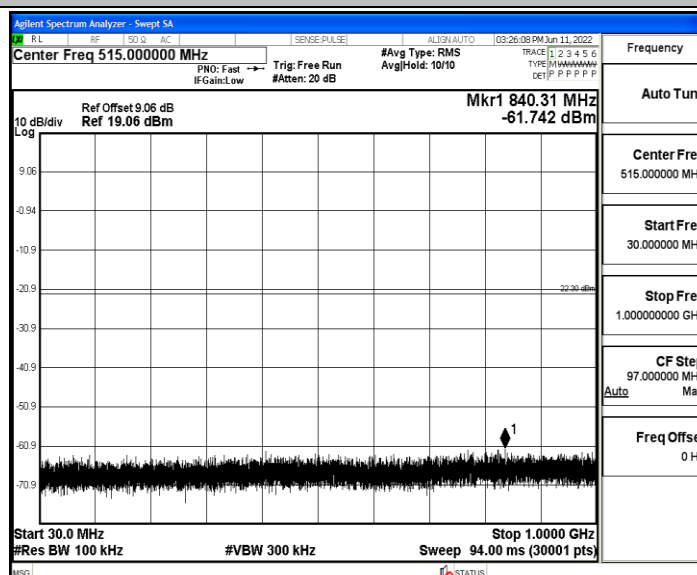
Test Graphs



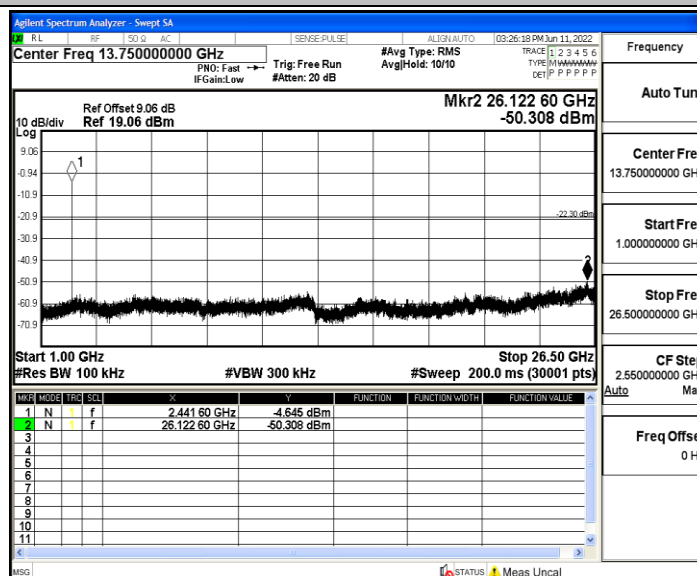
DH5_Ant1_2441_0~Reference



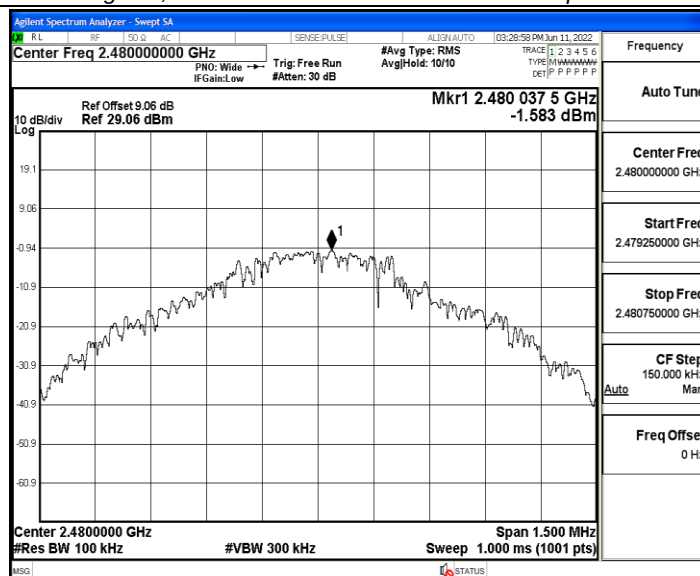
DH5_Ant1_2441_30~1000



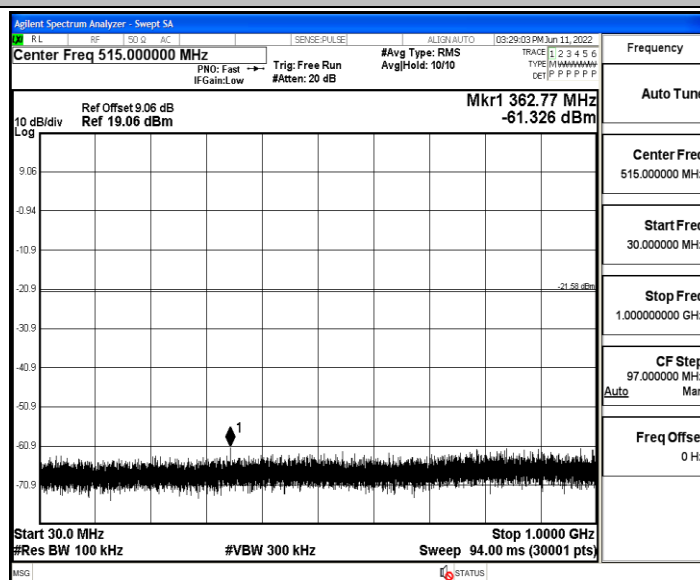
DH5_Ant1_2441_1000~26500



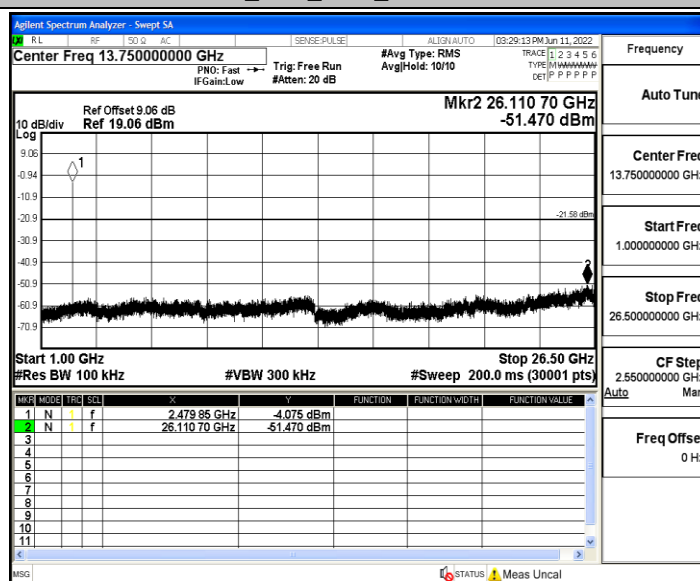
DH5_Ant1_2480_0~Reference



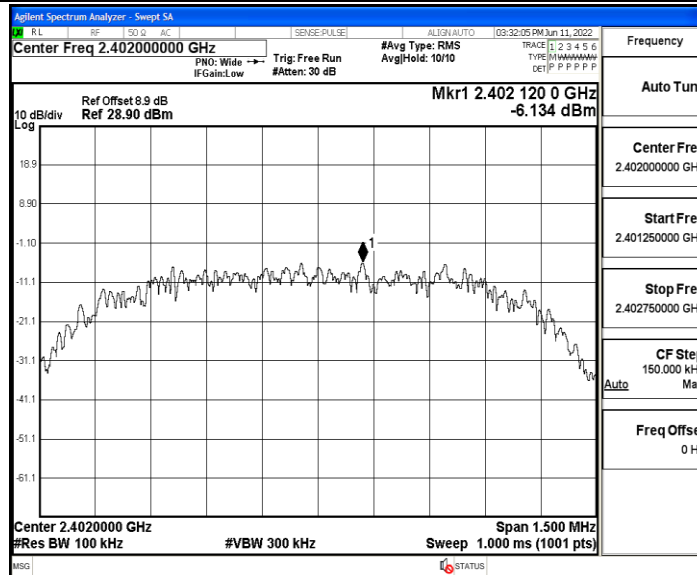
DH5_Ant1_2480_30~1000



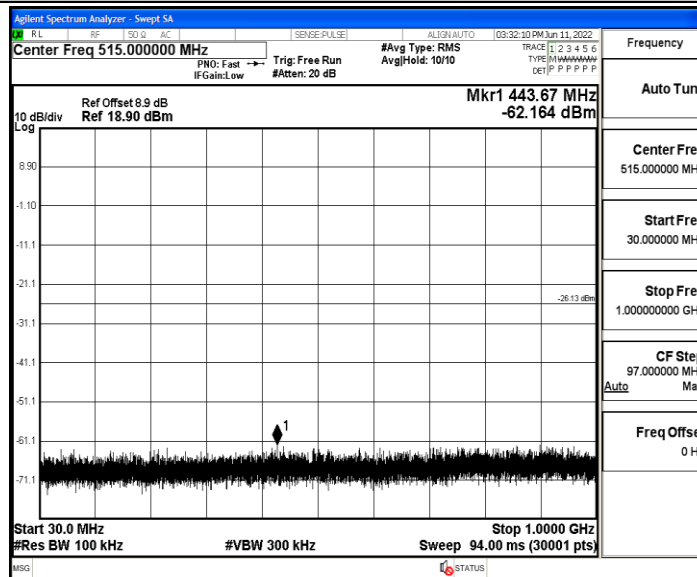
DH5_Ant1_2480_1000~26500



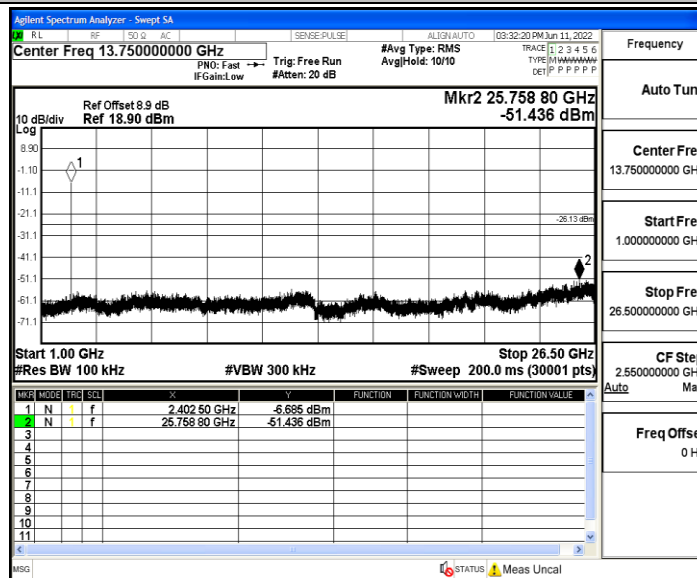
2DH5_Ant1_2402_0~Reference



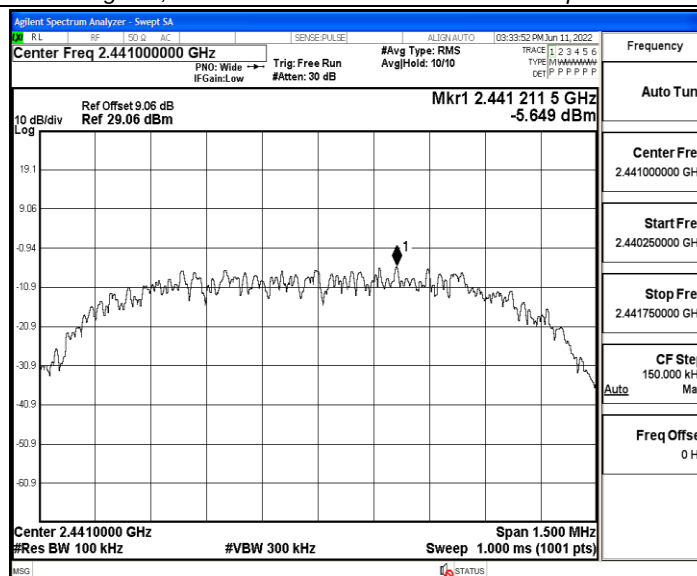
2DH5_Ant1_2402_30~1000



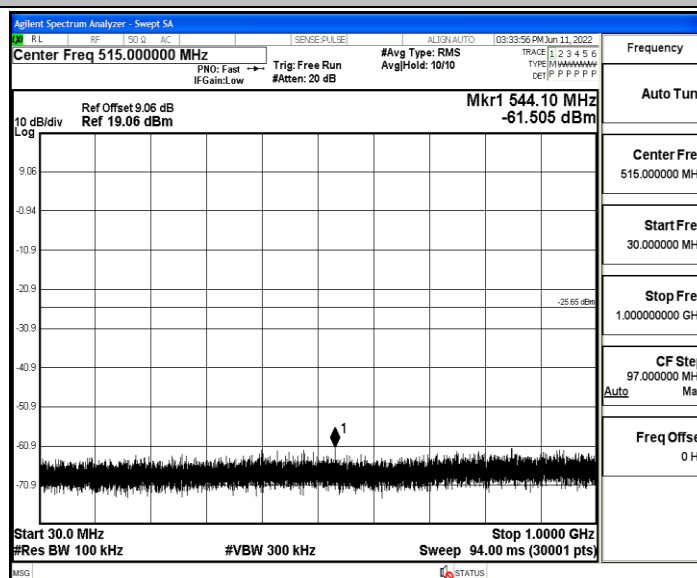
2DH5_Ant1_2402_1000~26500



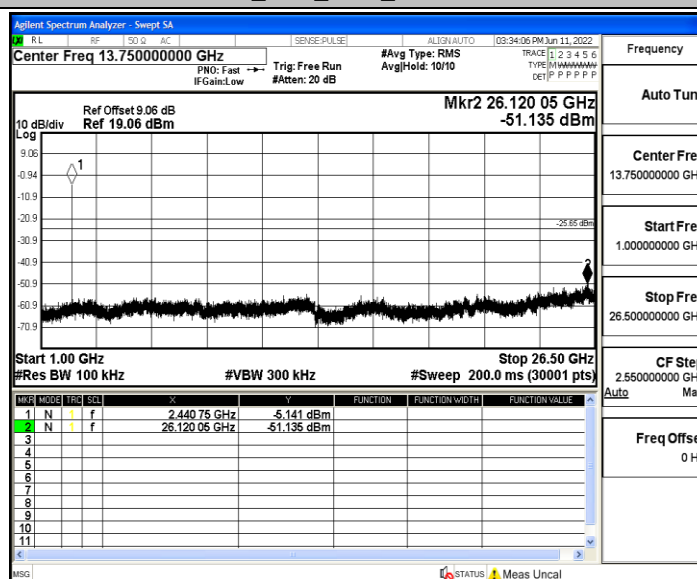
2DH5_Ant1_2441_0~Reference



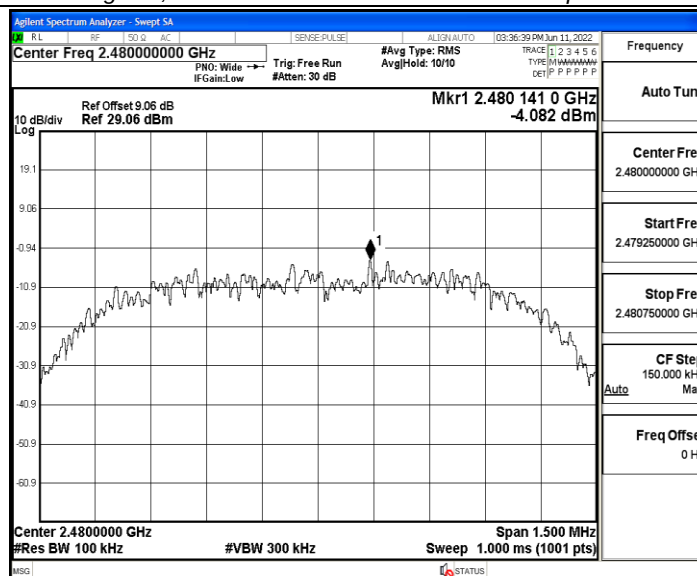
2DH5_Ant1_2441_30~1000



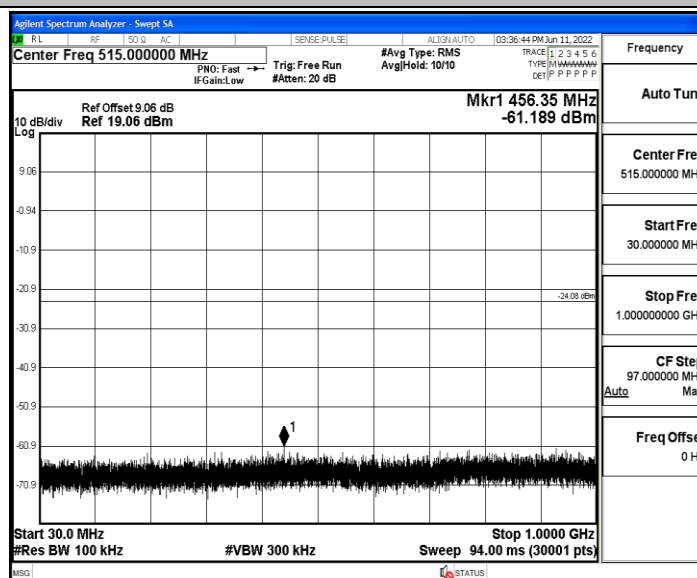
2DH5_Ant1_2441_1000~26500



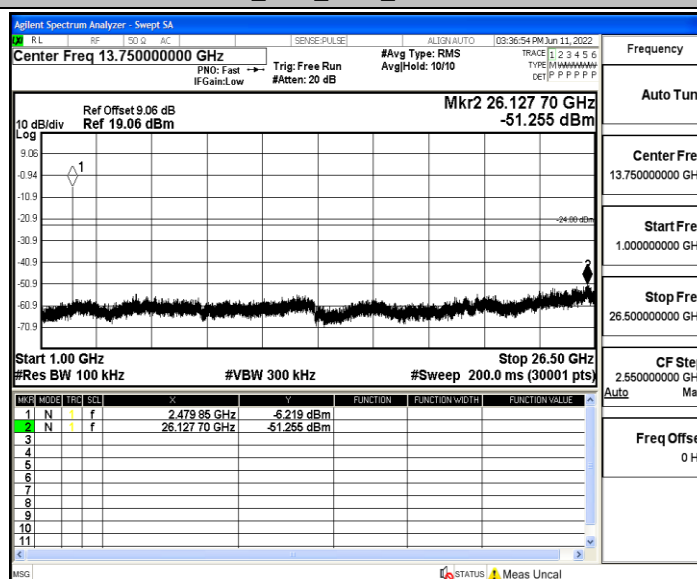
2DH5_Ant1_2480_0~Reference



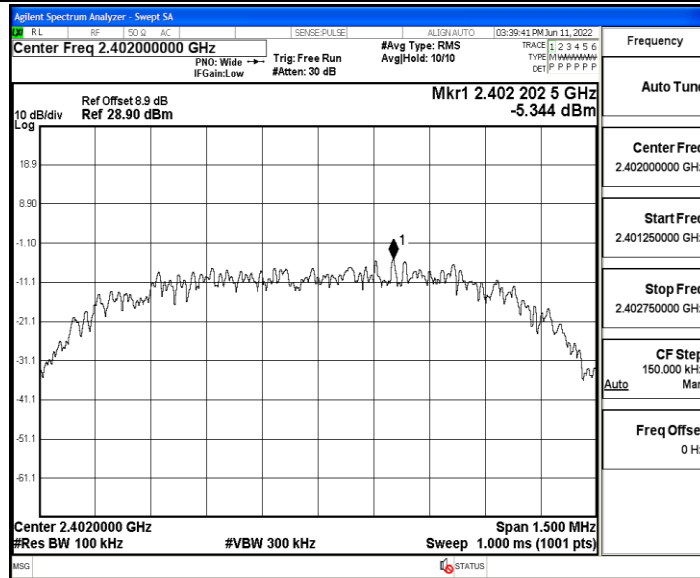
2DH5_Ant1_2480_30~1000



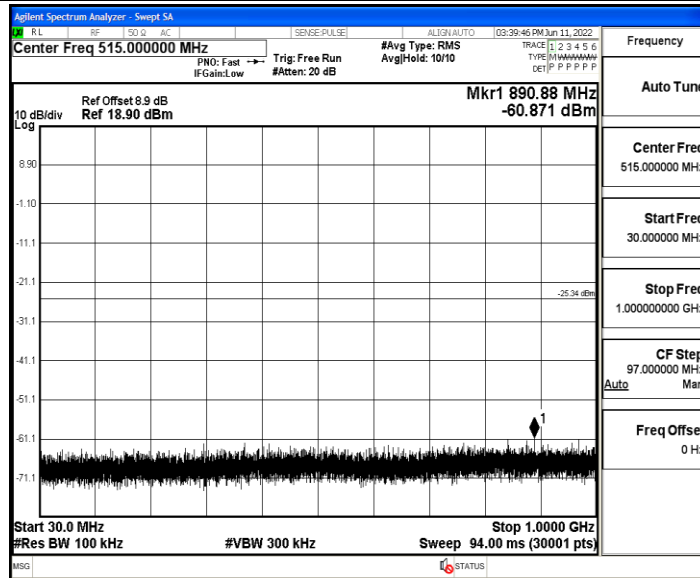
2DH5_Ant1_2480_1000~26500



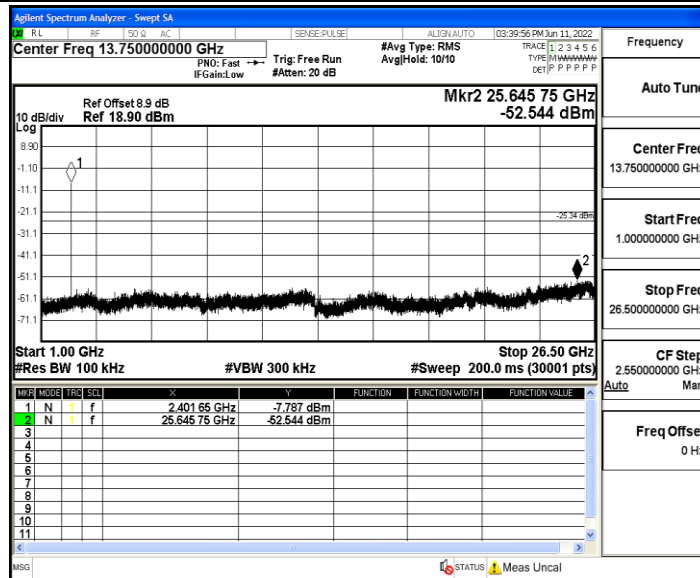
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_0~Reference