

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

Product Name: True Wireless Stereo Bluetooth Headset

Trade Mark: aigo

Test Model: T90

FCC ID: 2ASNB-T90

Environmental Conditions

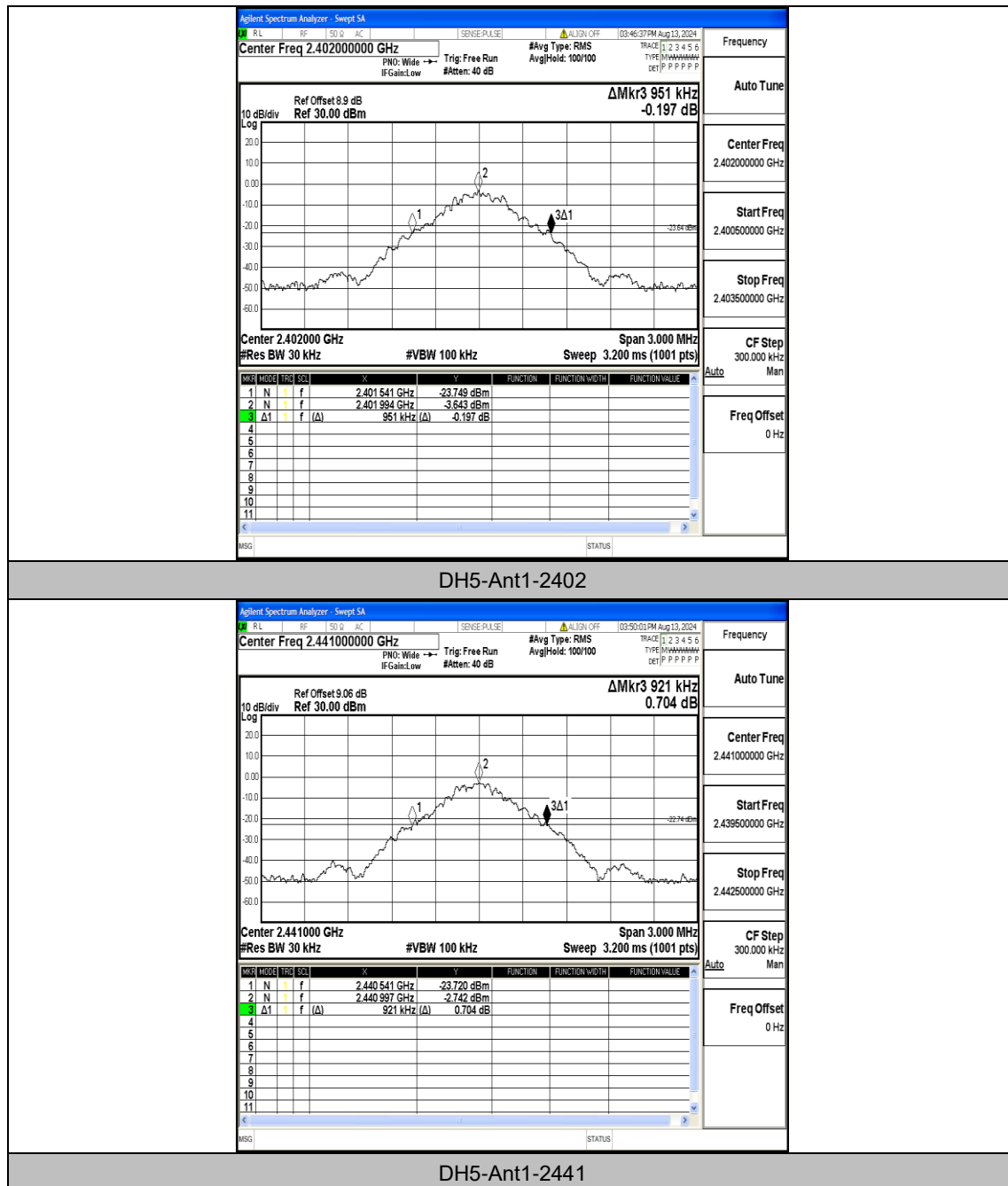
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

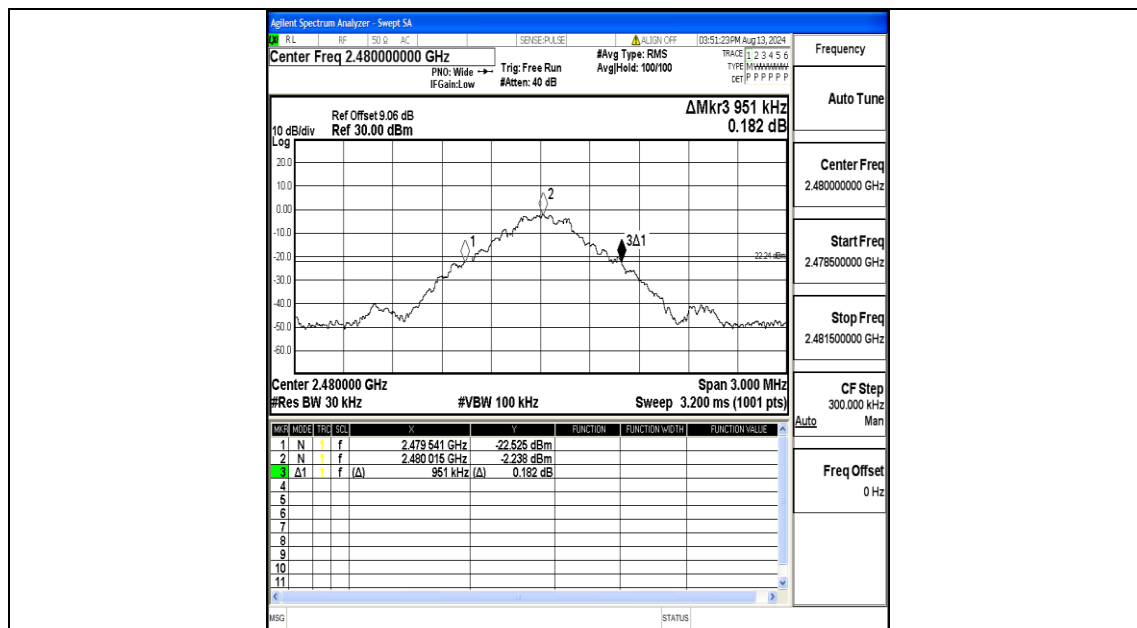
Appendix A: 20dB Emission Bandwidth

Test Result

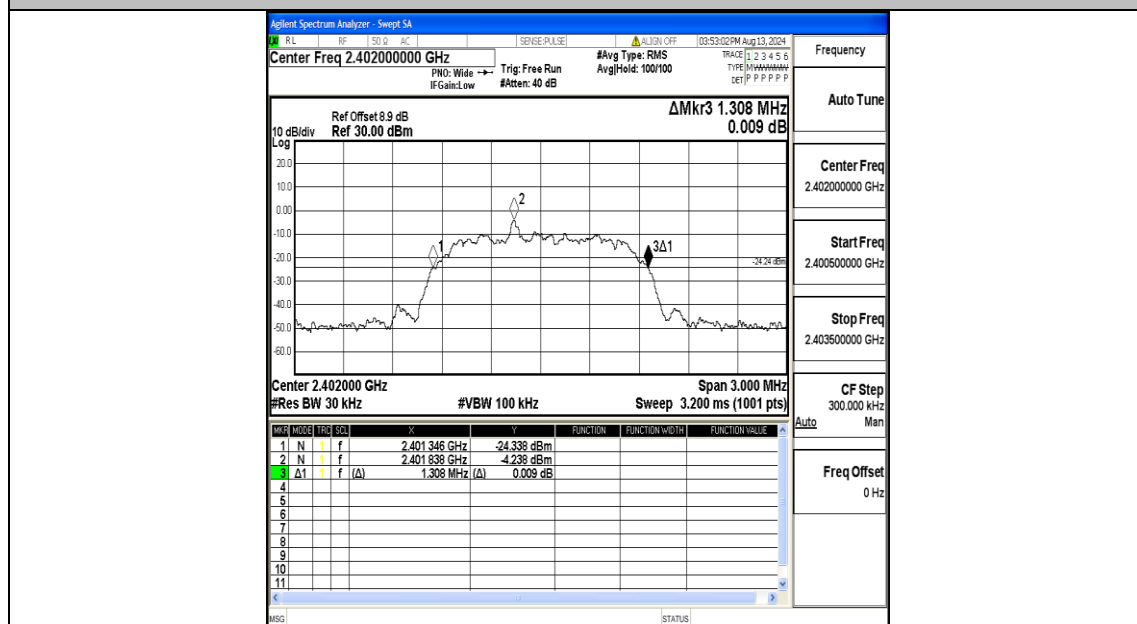
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.541	2402.492	---	---
DH5	Ant1	2441	0.921	2440.541	2441.462	---	---
DH5	Ant1	2480	0.951	2479.541	2480.492	---	---
2DH5	Ant1	2402	1.308	2401.346	2402.654	---	---
2DH5	Ant1	2441	1.326	2440.331	2441.657	---	---
2DH5	Ant1	2480	1.311	2479.343	2480.654	---	---

Test Graphs

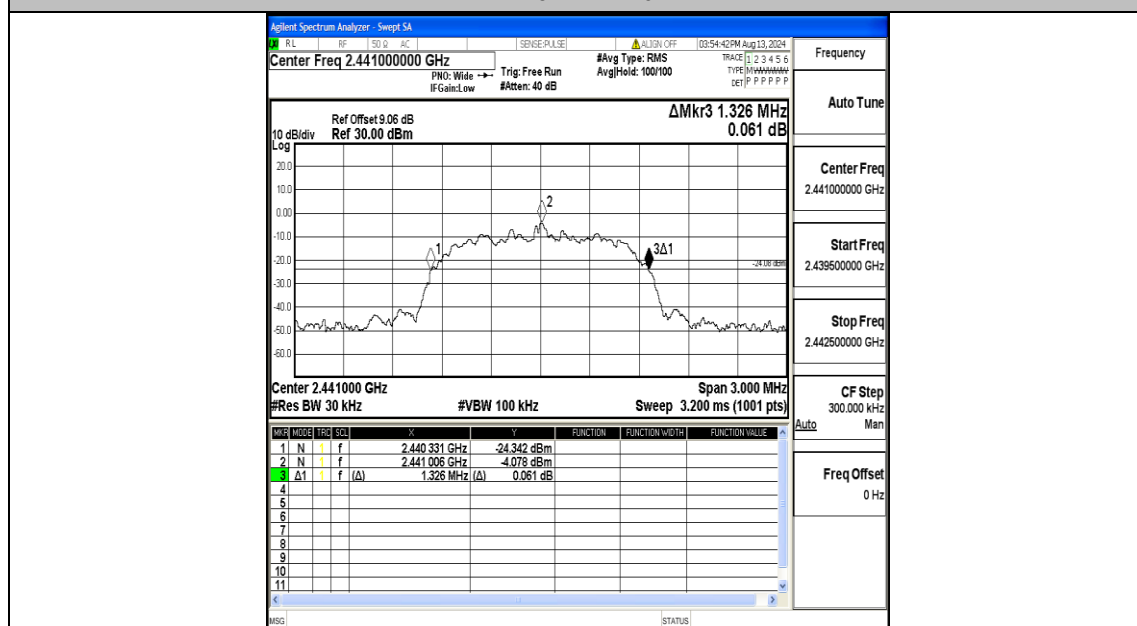




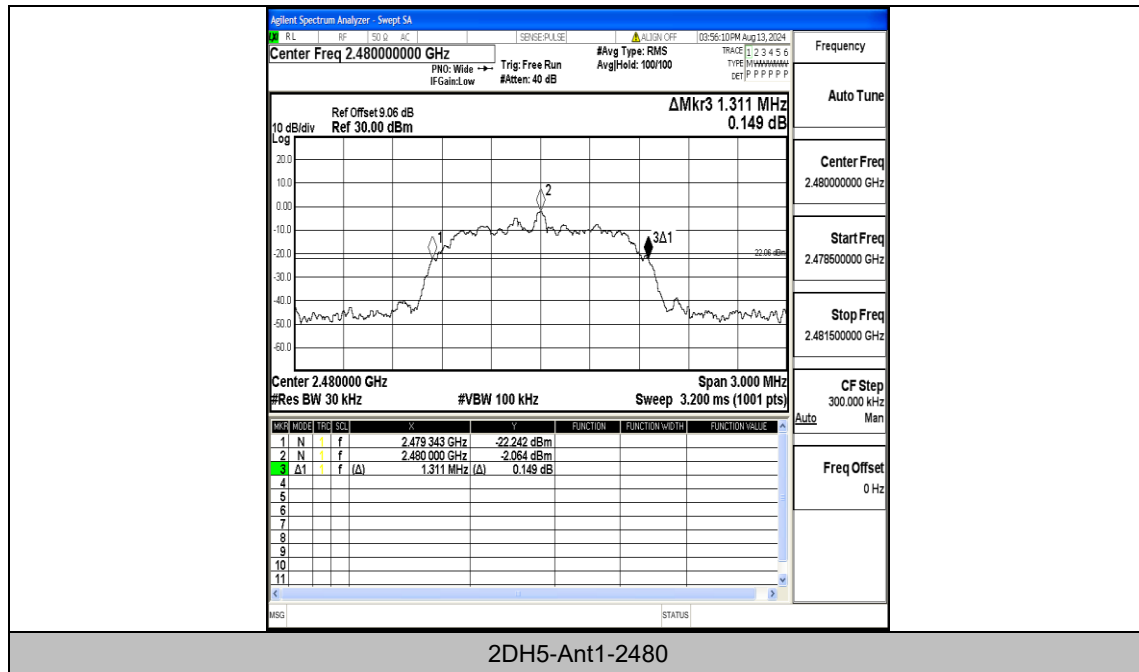
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

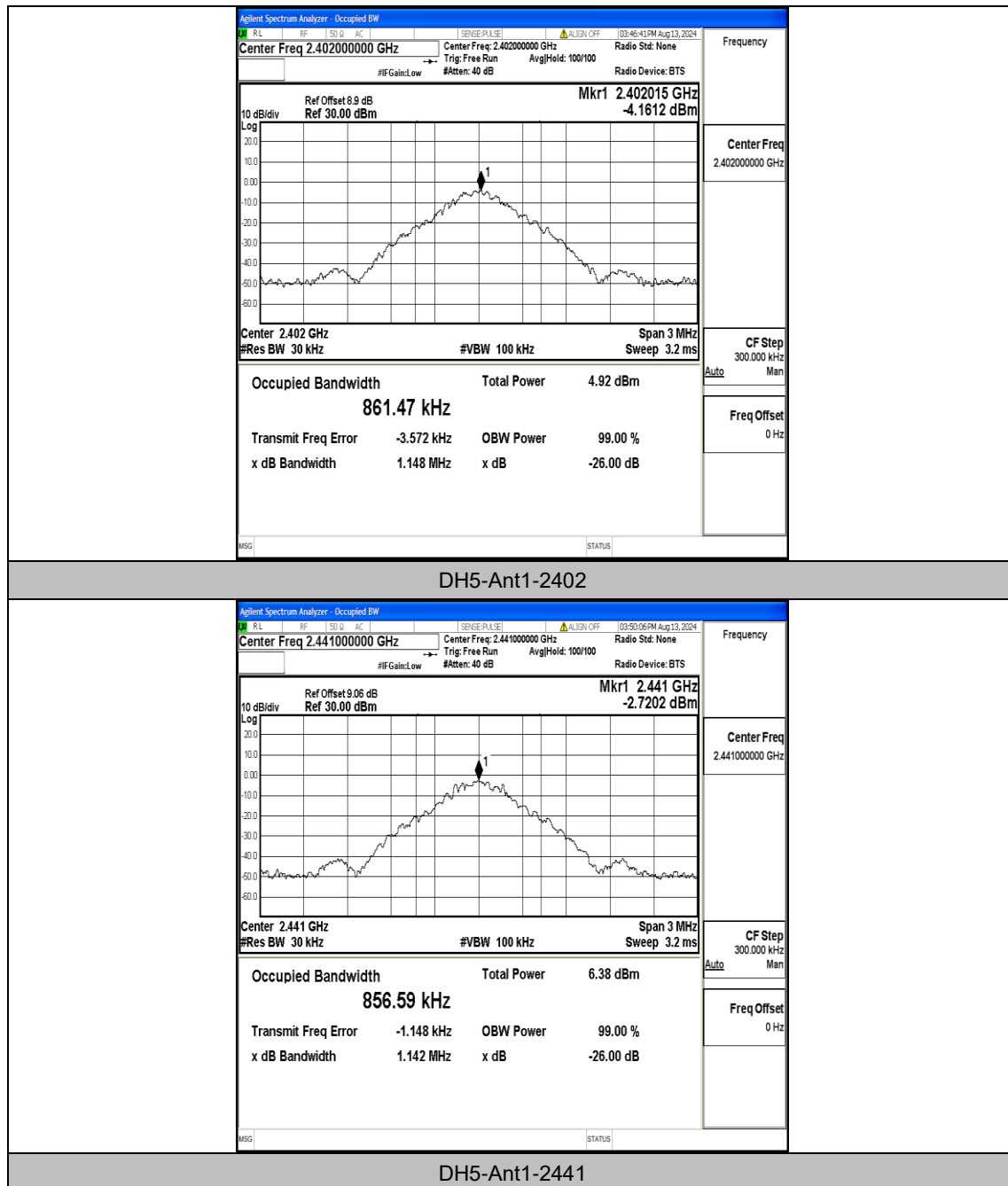


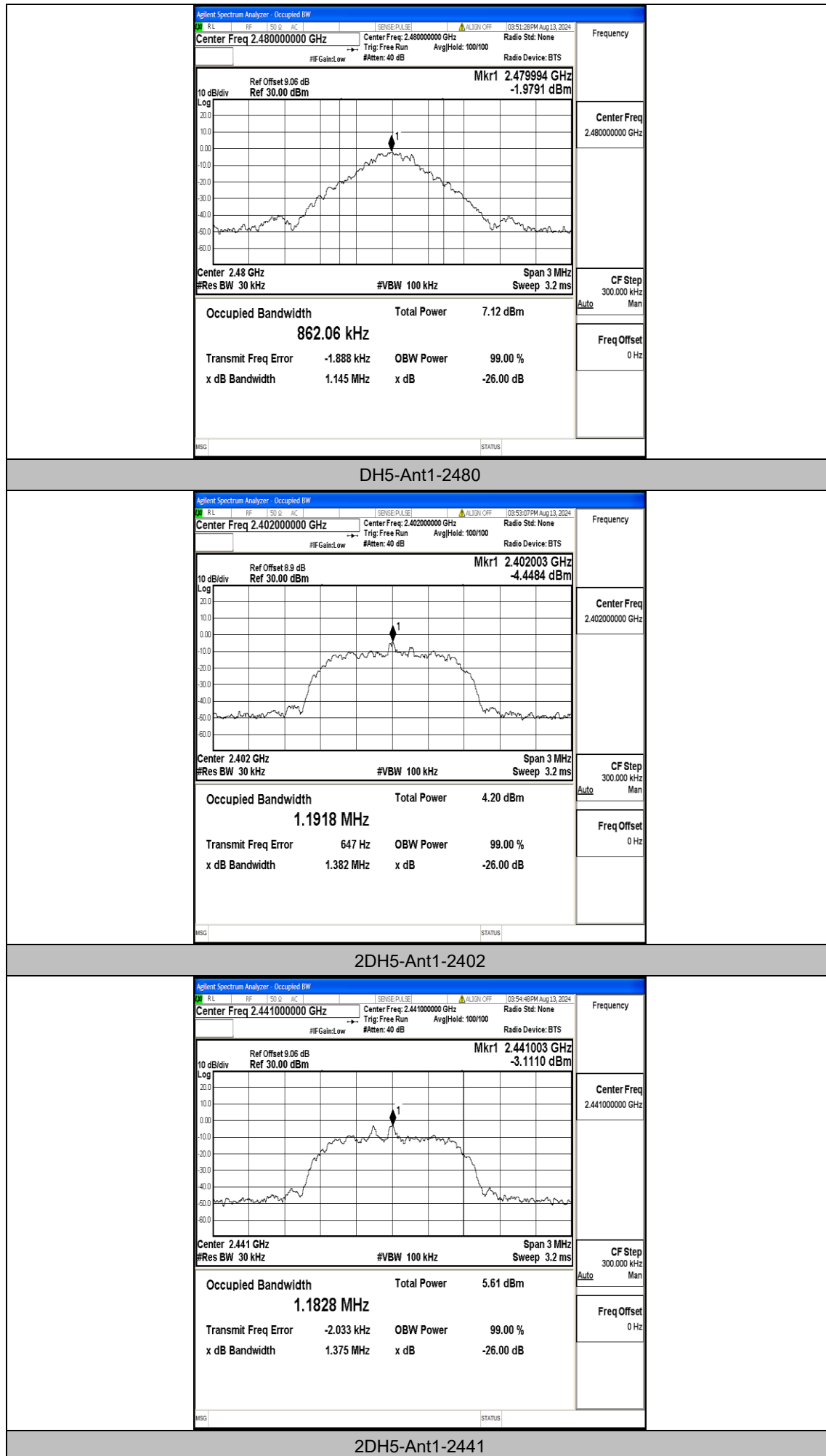
Appendix B: Occupied Channel Bandwidth

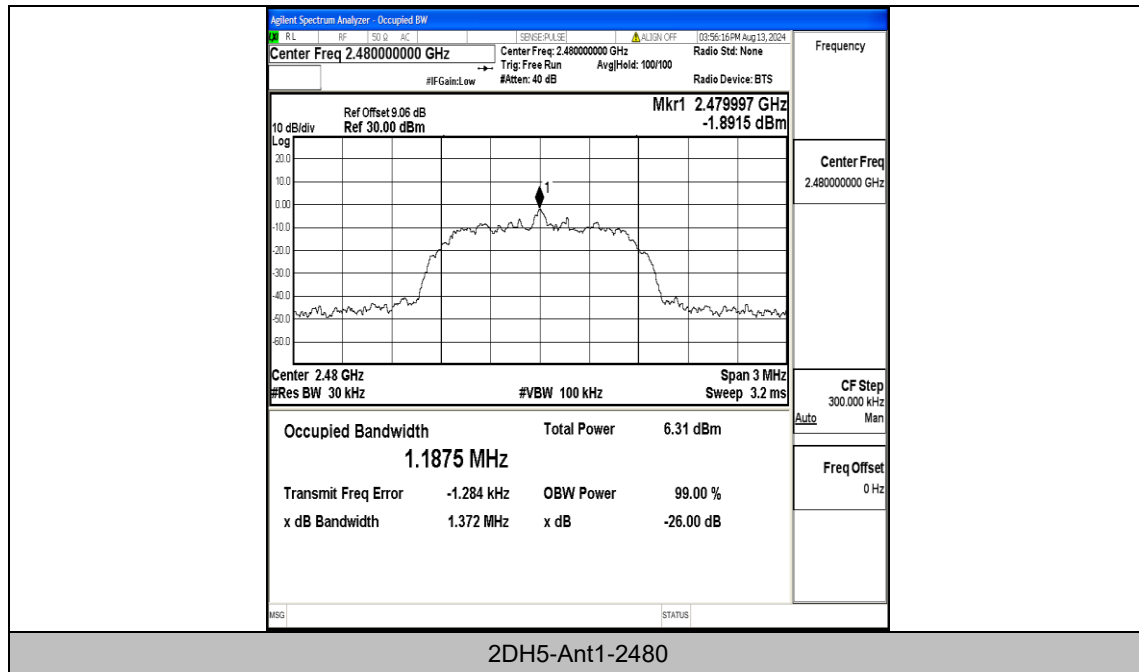
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86147	2401.5657	2402.4272	---	---
DH5	Ant1	2441	0.85659	2440.5706	2441.4271	---	---
DH5	Ant1	2480	0.86206	2479.5671	2480.4291	---	---
2DH5	Ant1	2402	1.1918	2401.4048	2402.5966	---	---
2DH5	Ant1	2441	1.1828	2440.4066	2441.5894	---	---
2DH5	Ant1	2480	1.1875	2479.4050	2480.5925	---	---

Test Graphs





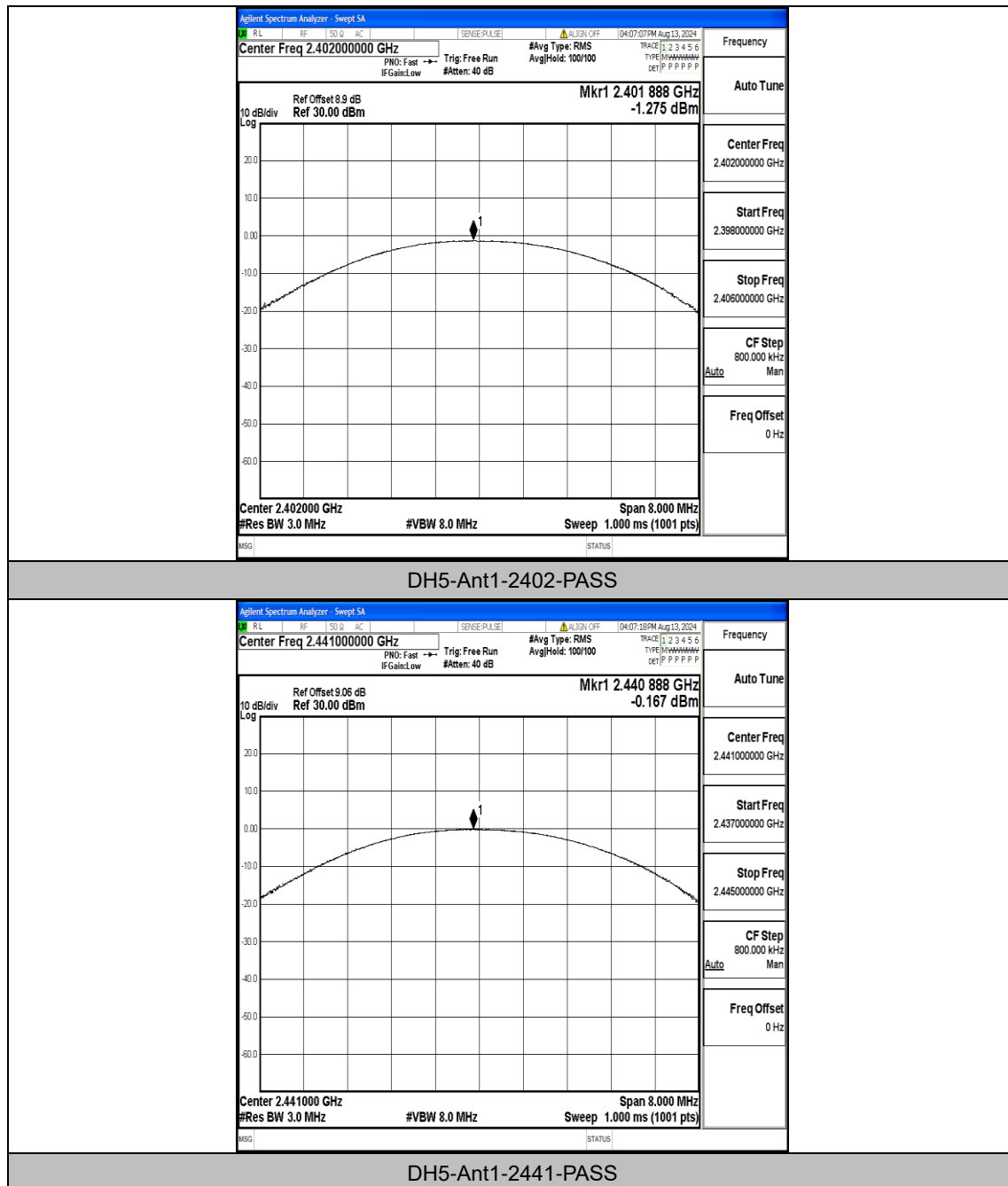


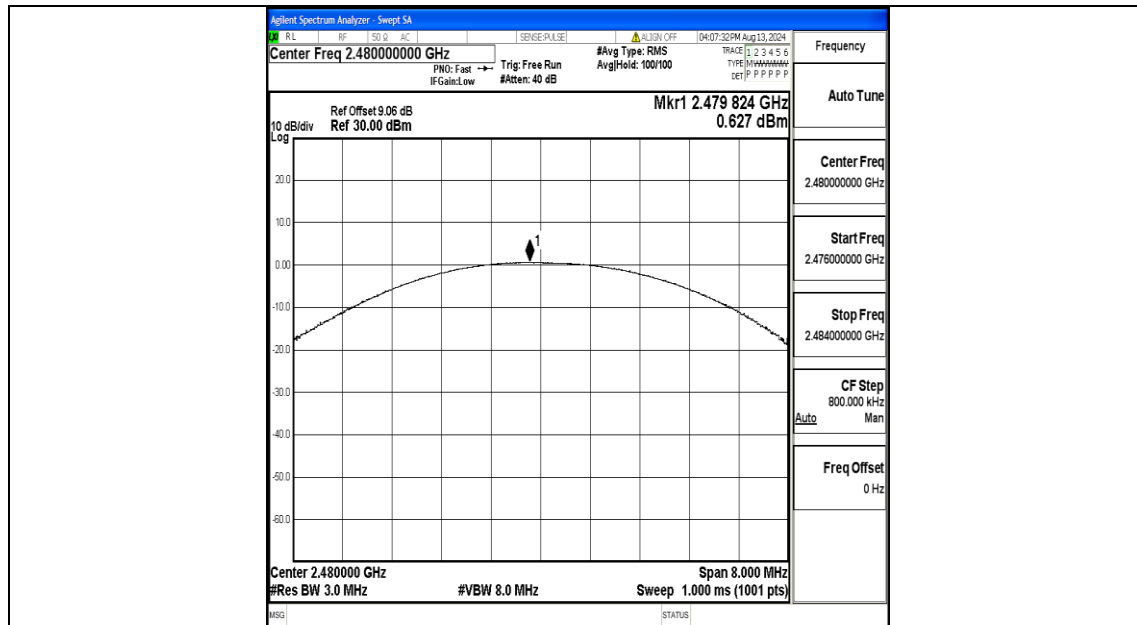
Appendix C: Maximum peak conducted output power

Test Result

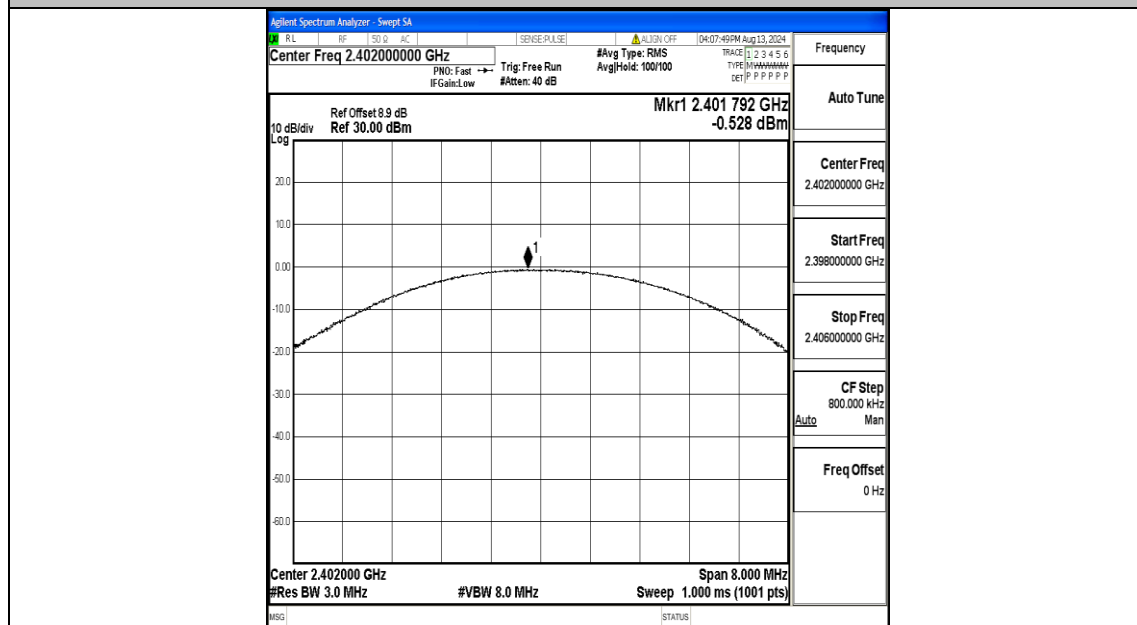
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.28	≤30	PASS
DH5	Ant1	2441	-0.17	≤30	PASS
DH5	Ant1	2480	0.63	≤30	PASS
2DH5	Ant1	2402	-0.53	≤20.97	PASS
2DH5	Ant1	2441	0.60	≤20.97	PASS
2DH5	Ant1	2480	1.37	≤20.97	PASS

Test Graphs

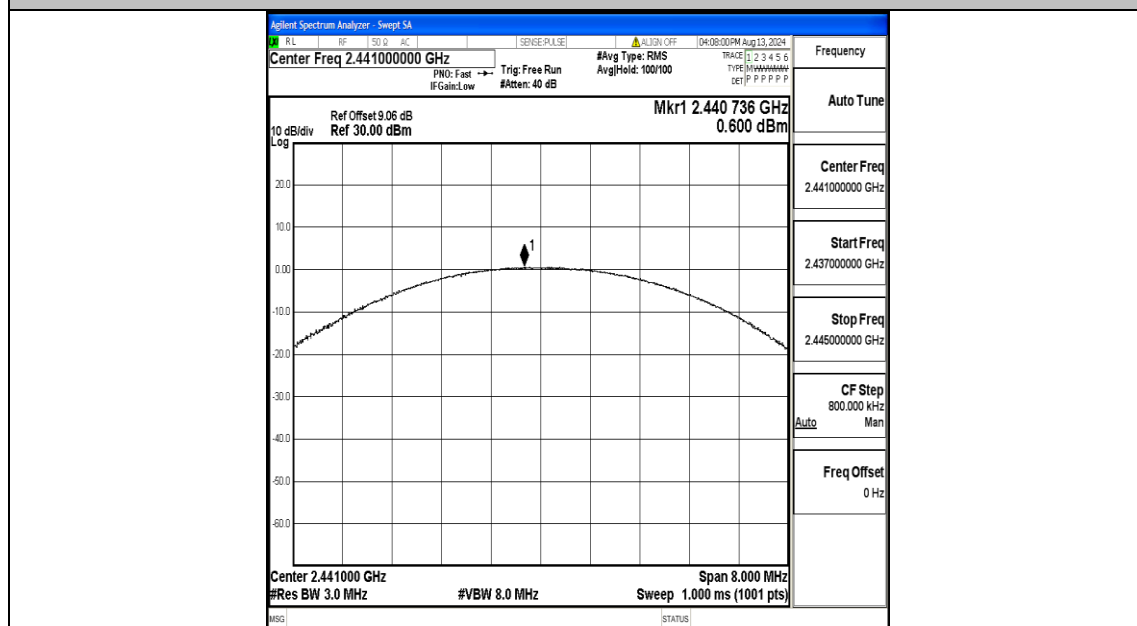




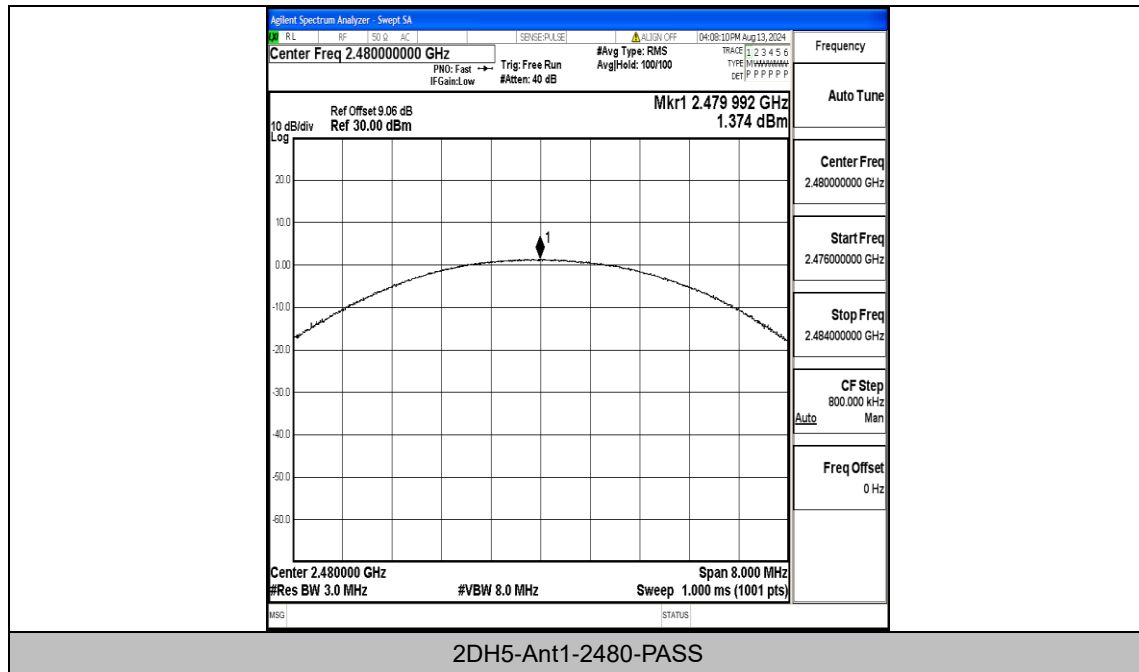
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

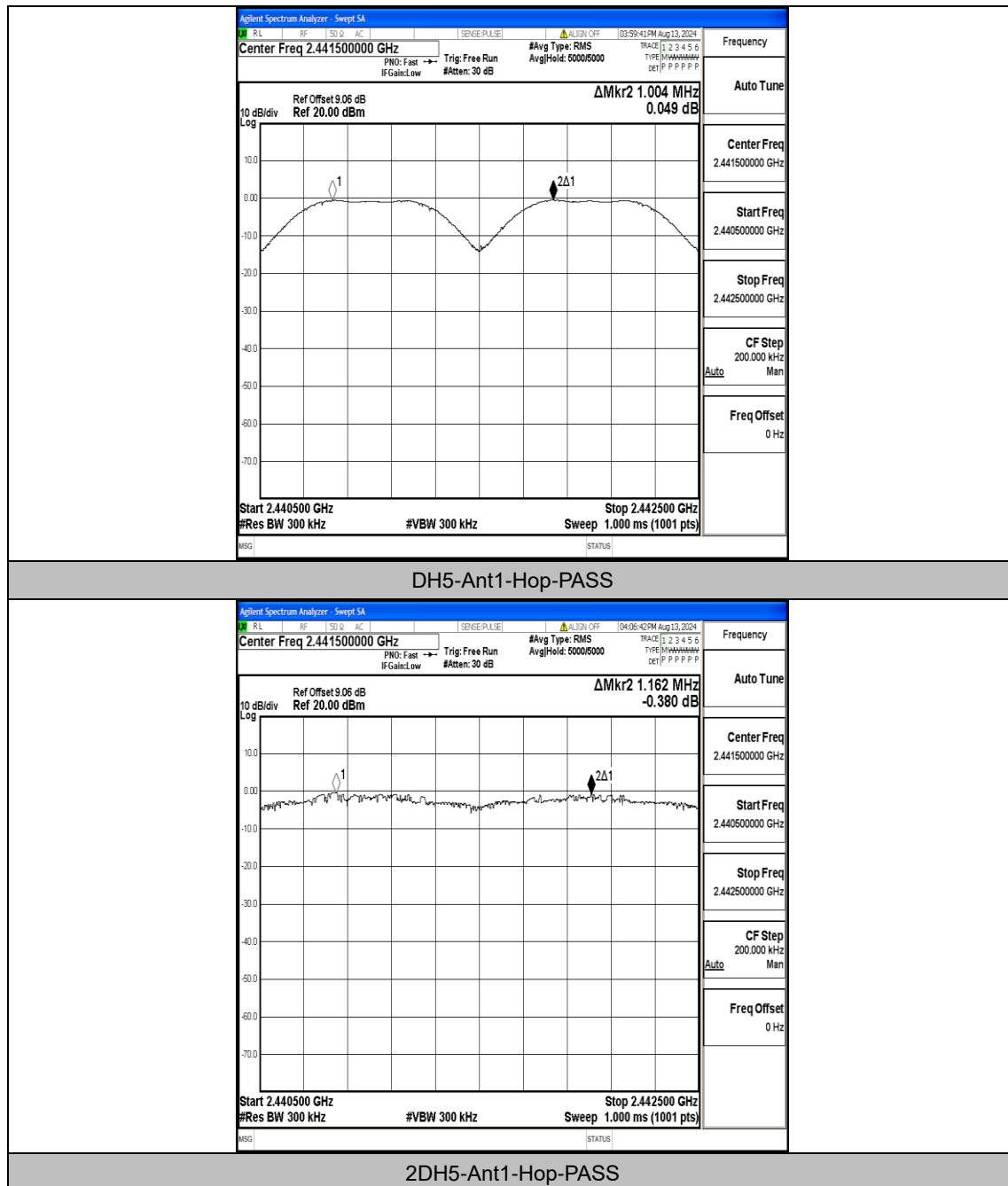


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.004	≥ 0.951	PASS
2DH5	Ant1	Hop	1.162	≥ 0.884	PASS

Test Graphs

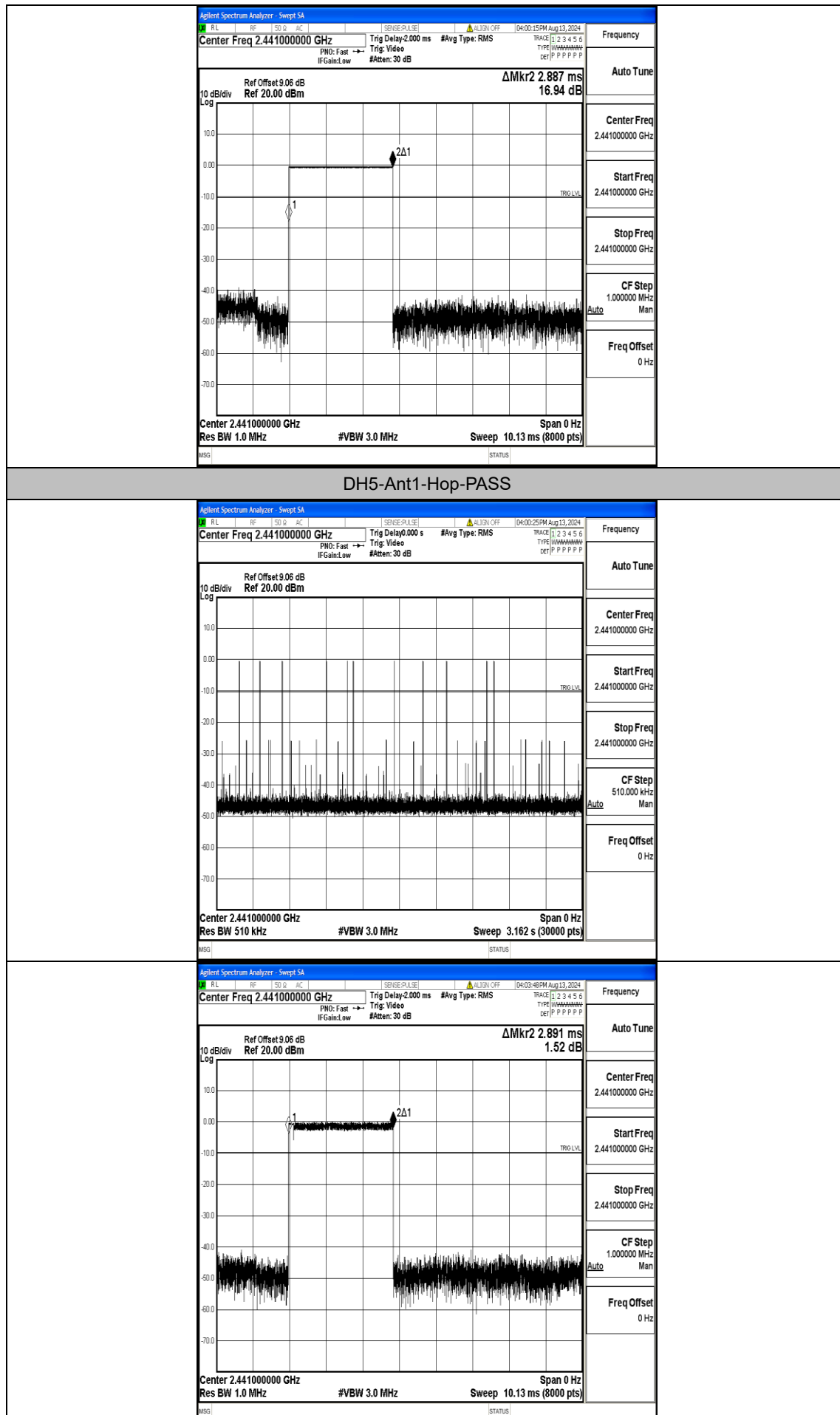


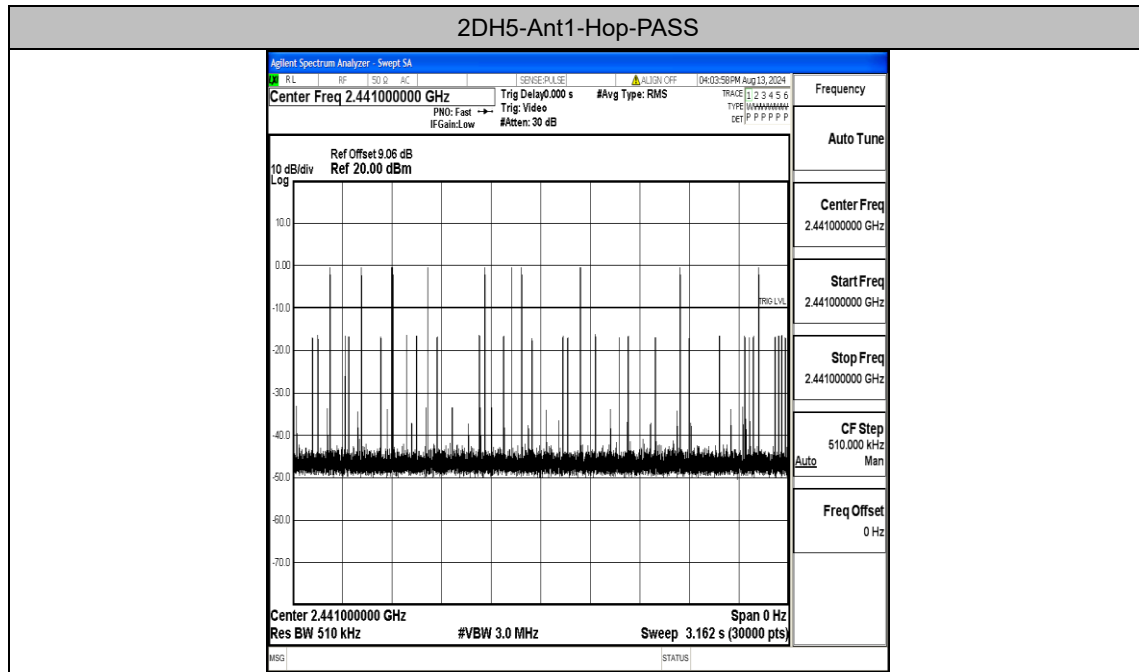
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.887	120	0.346	≤0.4	PASS
2DH5	Ant1	Hop	2.891	130	0.376	≤0.4	PASS

Test Graphs



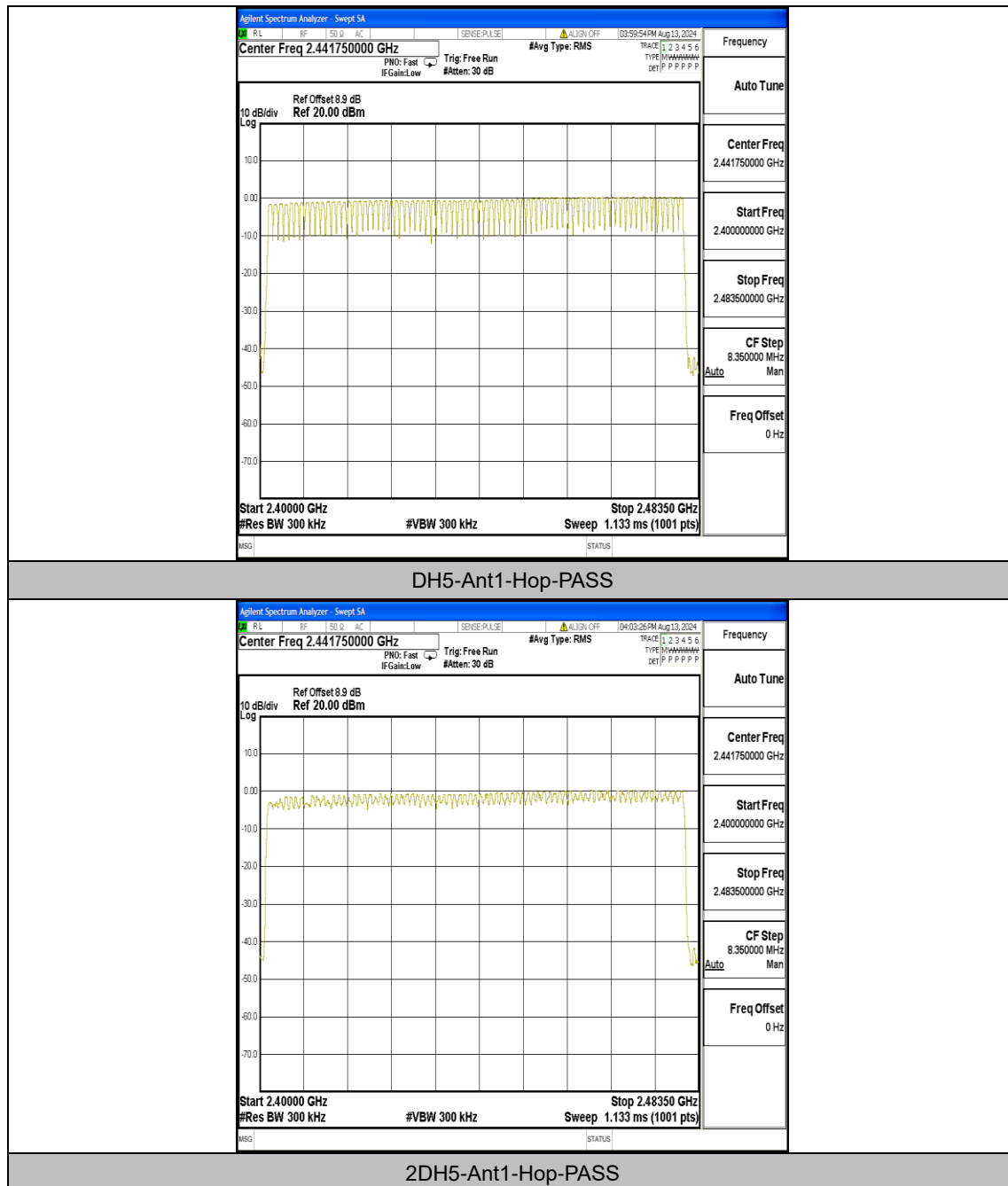


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

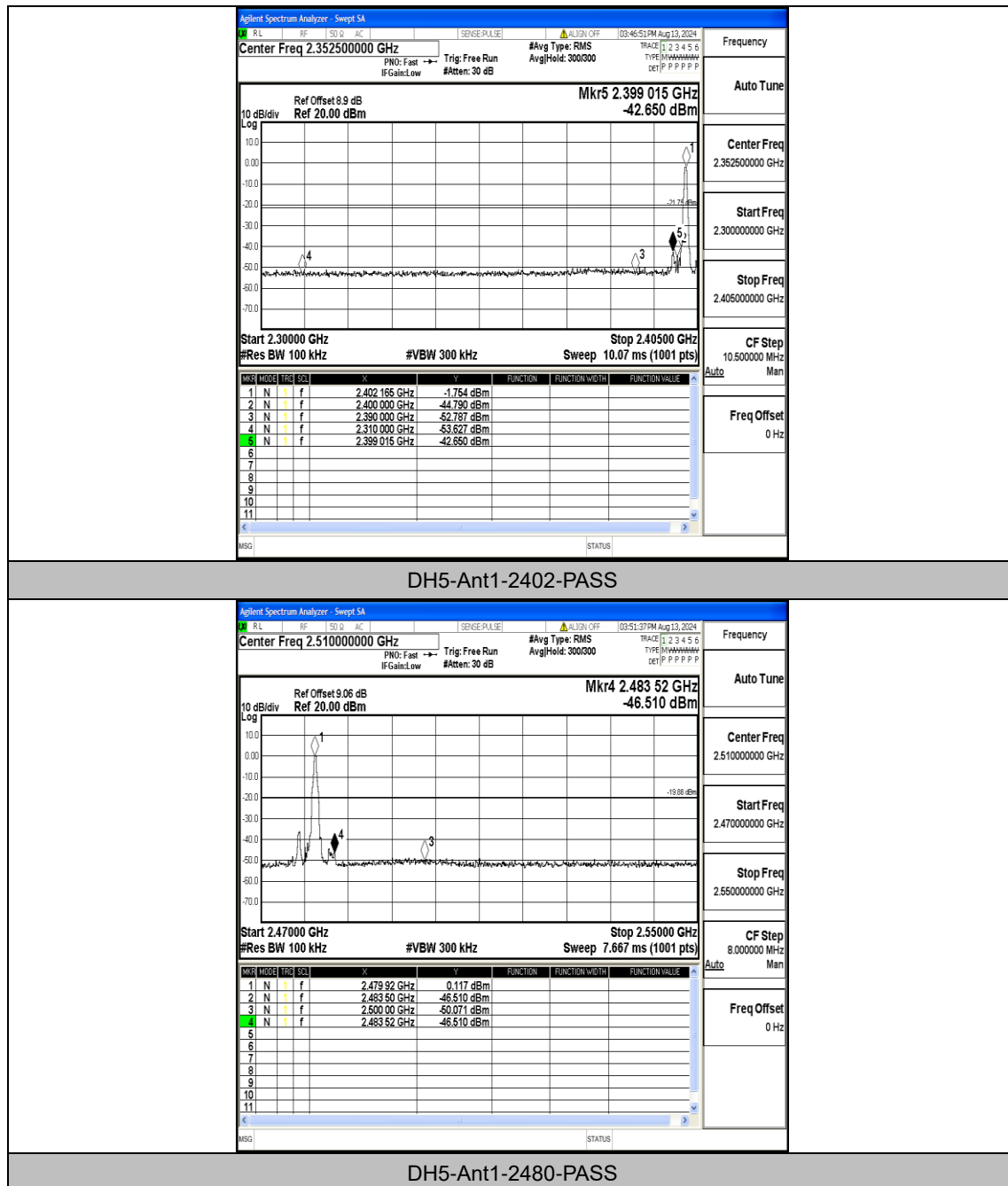


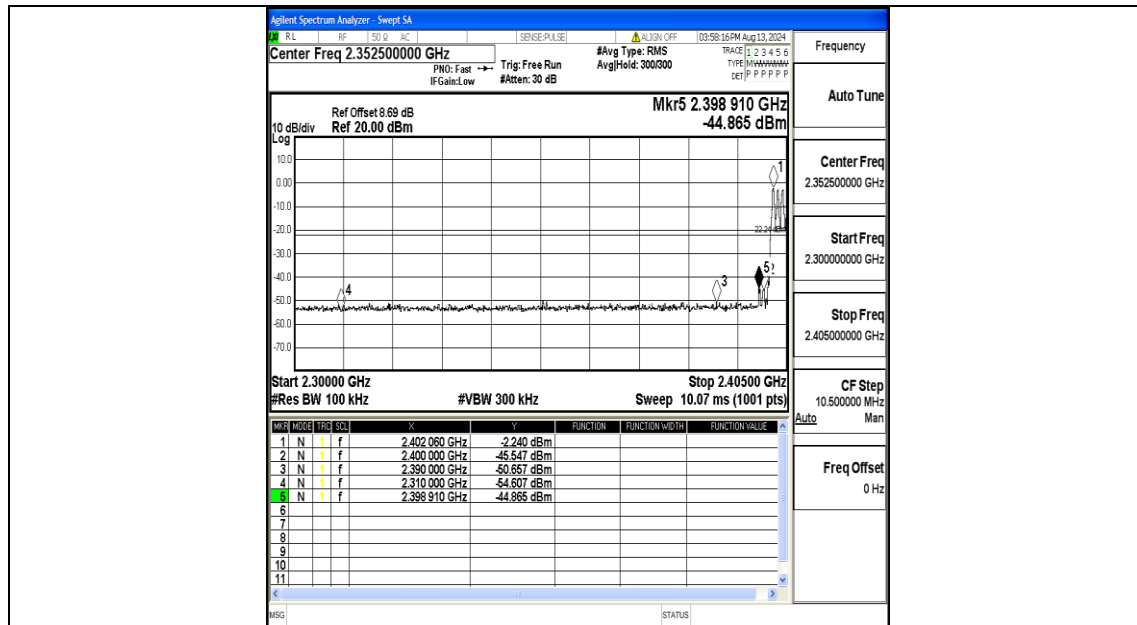
Appendix G: Band edge measurements

Test Result

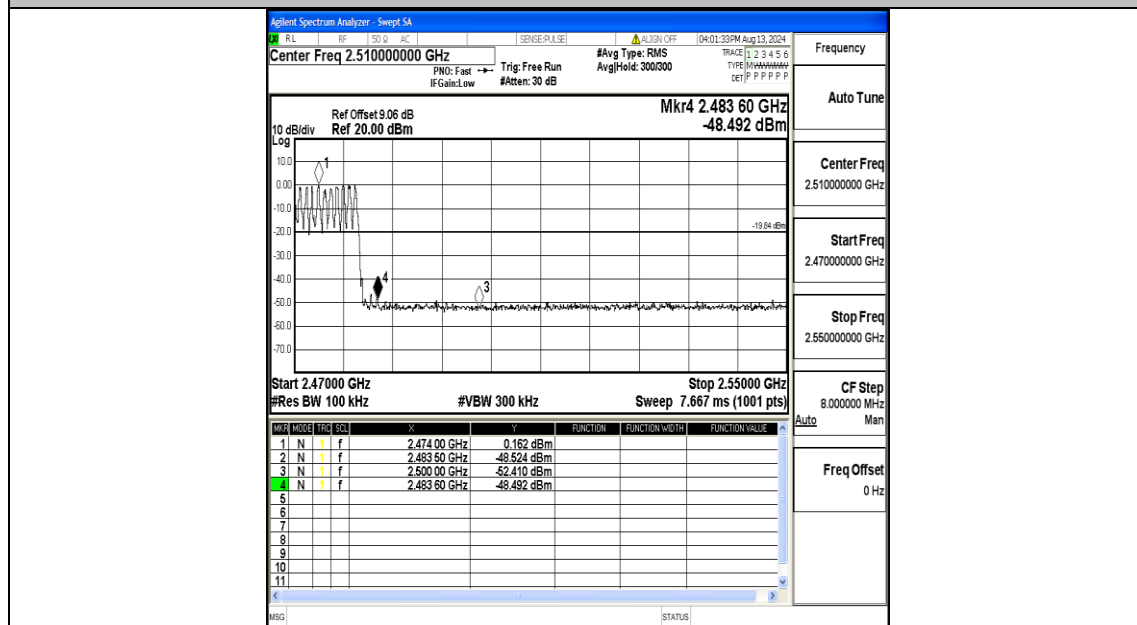
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.75	-42.65	≤-21.75	PASS
DH5	Ant1	High	2480	0.12	-46.51	≤-19.88	PASS
DH5	Ant1	Low	Hop_2402	-2.24	-44.87	≤-22.24	PASS
DH5	Ant1	High	Hop_2480	0.16	-48.49	≤-19.84	PASS
2DH5	Ant1	Low	2402	-1.70	-43.51	≤-21.7	PASS
2DH5	Ant1	High	2480	0.36	-46.58	≤-19.64	PASS
2DH5	Ant1	Low	Hop_2402	-4.92	-46.99	≤-24.92	PASS
2DH5	Ant1	High	Hop_2480	-2.37	-49.2	≤-22.37	PASS

Test Graphs

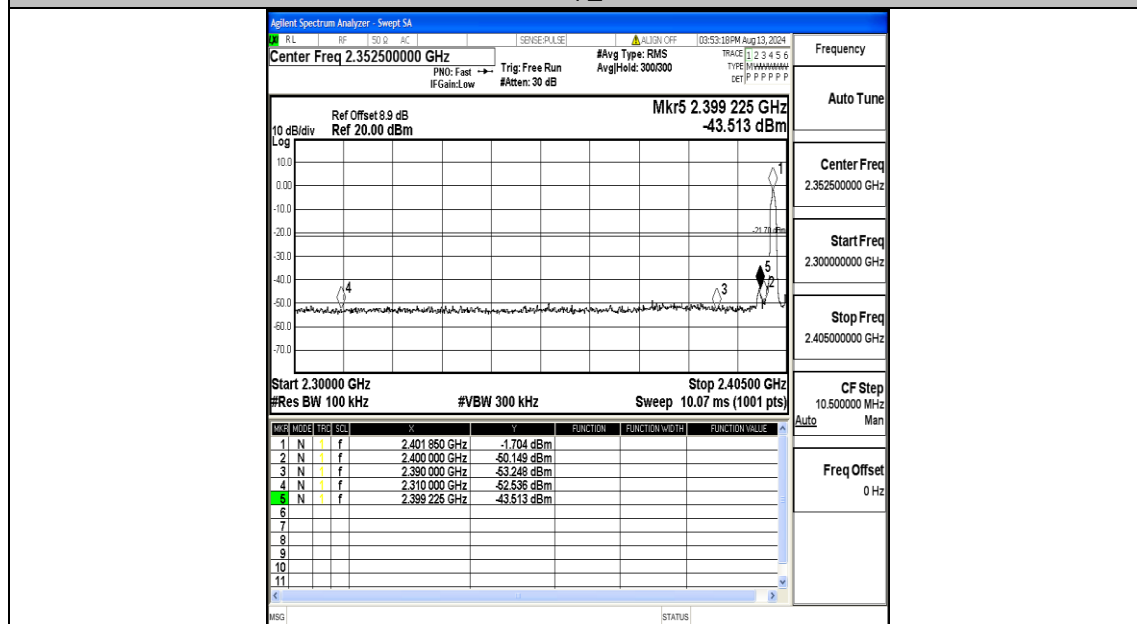




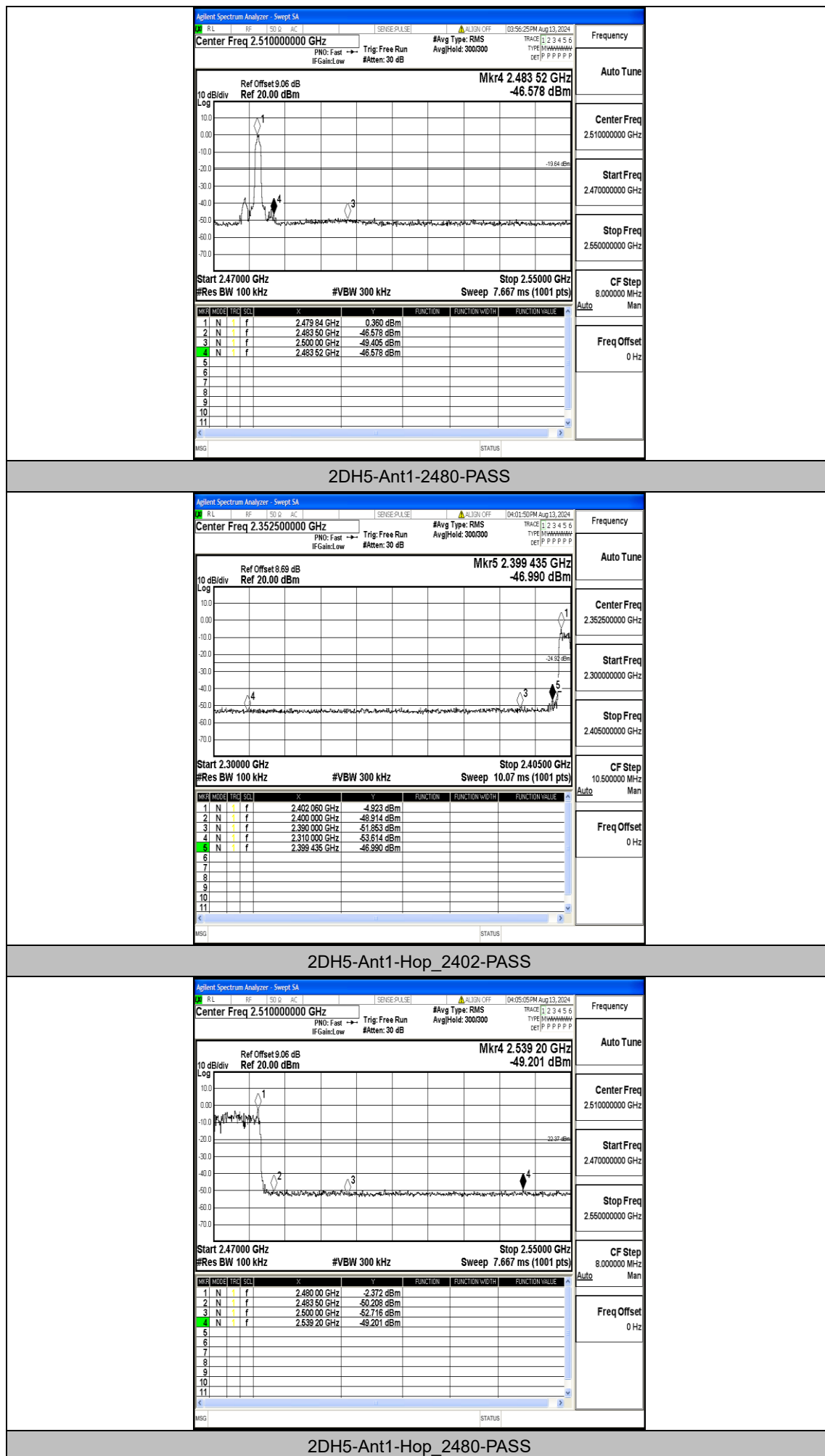
DH5-Ant1-Hop_2402-PASS



DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS

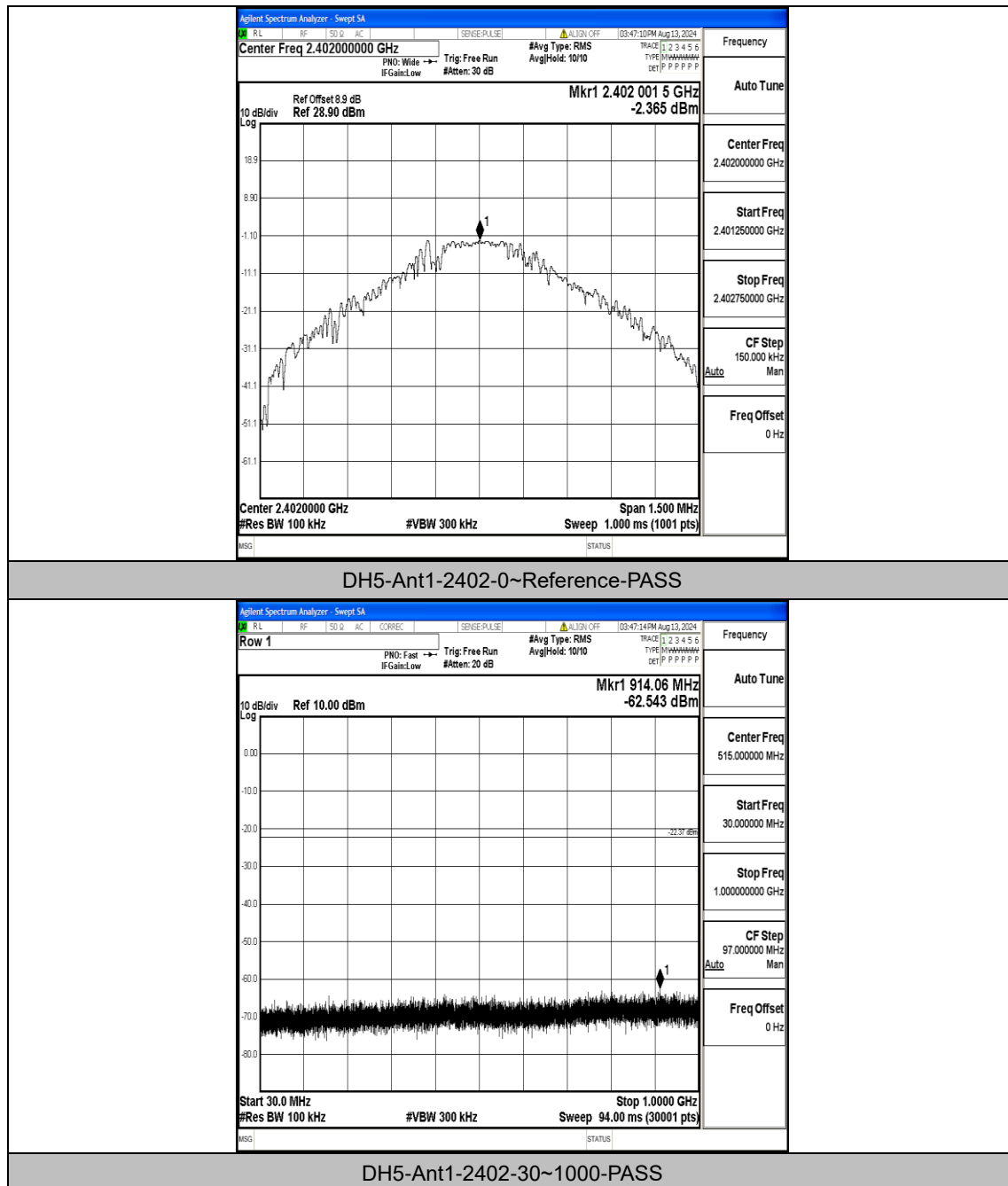


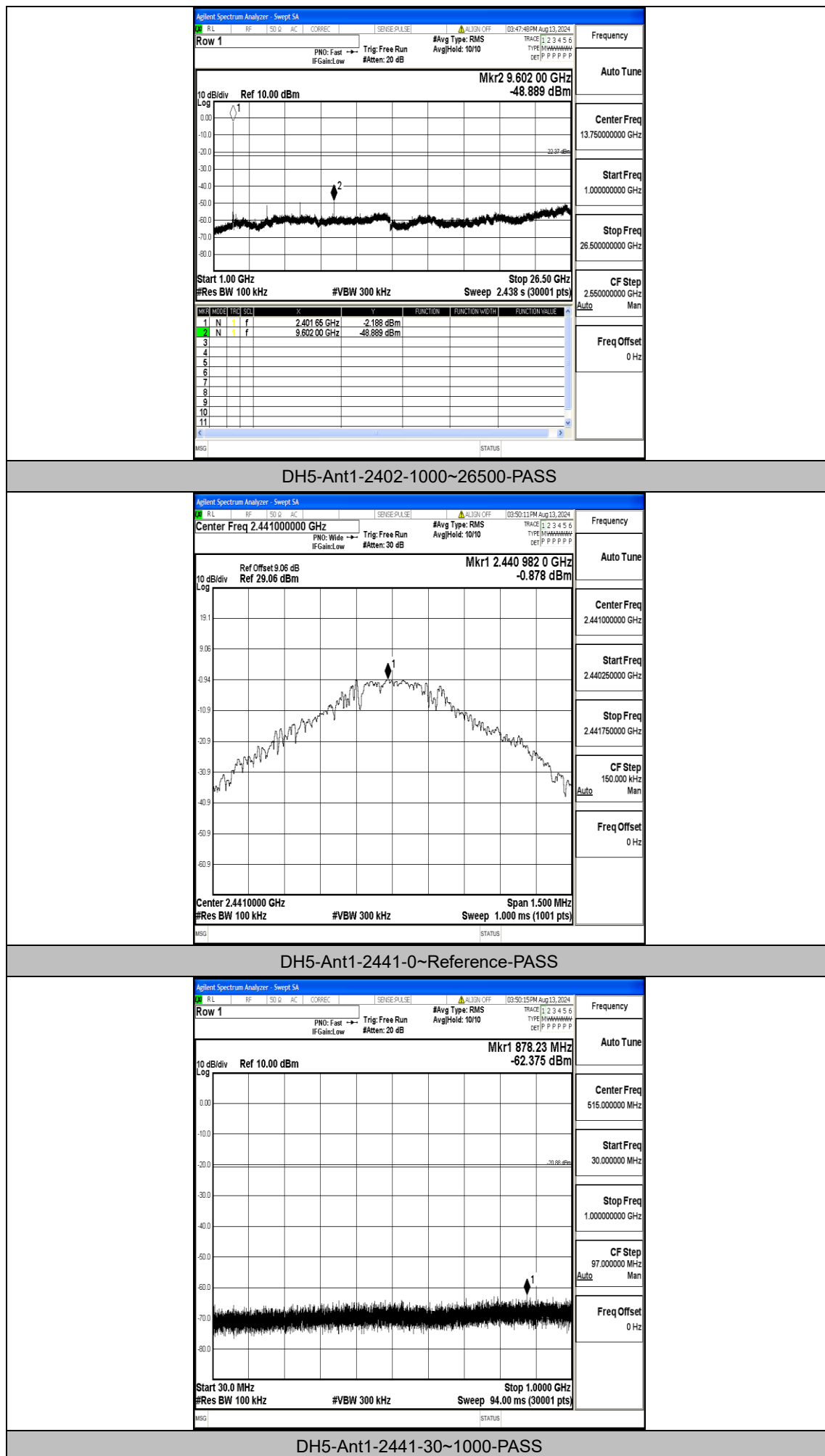
Appendix H: Conducted Spurious Emission

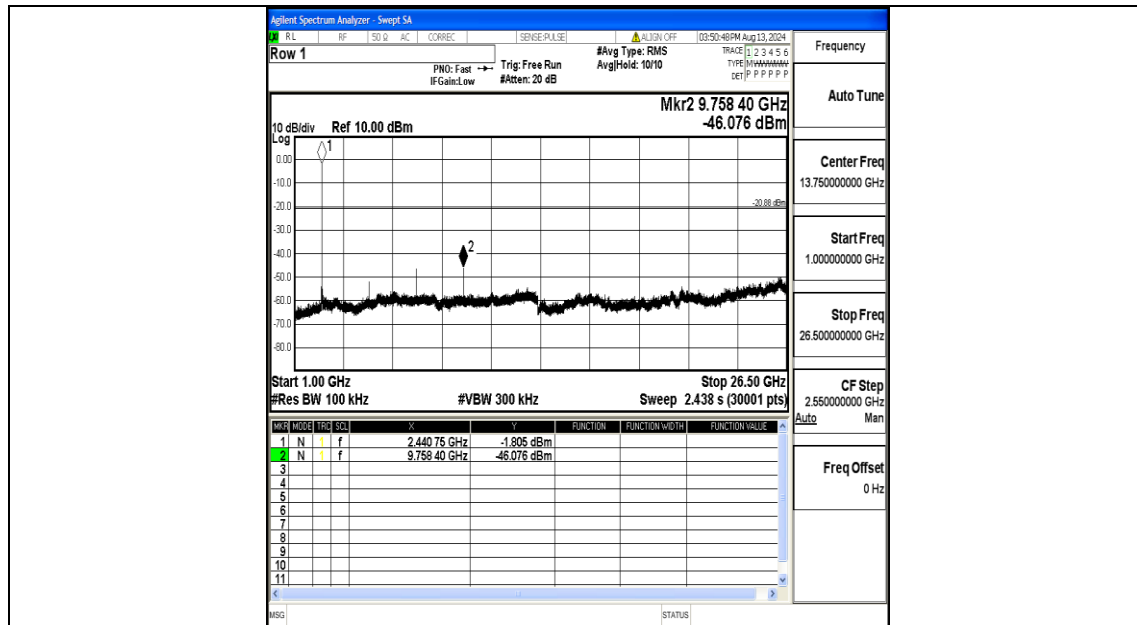
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.37	-2.37	---	PASS
DH5	Ant1	2402	30~1000	-2.37	-62.54	≤-22.37	PASS
DH5	Ant1	2402	1000~26500	-2.37	-48.89	≤-22.37	PASS
DH5	Ant1	2441	0~Reference	-0.88	-0.88	---	PASS
DH5	Ant1	2441	30~1000	-0.88	-62.38	≤-20.88	PASS
DH5	Ant1	2441	1000~26500	-0.88	-46.08	≤-20.88	PASS
DH5	Ant1	2480	0~Reference	0.20	0.20	---	PASS
DH5	Ant1	2480	30~1000	0.20	-62.67	≤-19.8	PASS
DH5	Ant1	2480	1000~26500	0.20	-45.86	≤-19.8	PASS
2DH5	Ant1	2402	0~Reference	-5.75	-5.75	---	PASS
2DH5	Ant1	2402	30~1000	-5.75	-62.1	≤-25.75	PASS
2DH5	Ant1	2402	1000~26500	-5.75	-49.45	≤-25.75	PASS
2DH5	Ant1	2441	0~Reference	-1.81	-1.81	---	PASS
2DH5	Ant1	2441	30~1000	-1.81	-62.6	≤-21.81	PASS
2DH5	Ant1	2441	1000~26500	-1.81	-46.21	≤-21.81	PASS
2DH5	Ant1	2480	0~Reference	-1.50	-1.50	---	PASS
2DH5	Ant1	2480	30~1000	-1.50	-61.61	≤-21.5	PASS
2DH5	Ant1	2480	1000~26500	-1.50	-46.94	≤-21.5	PASS

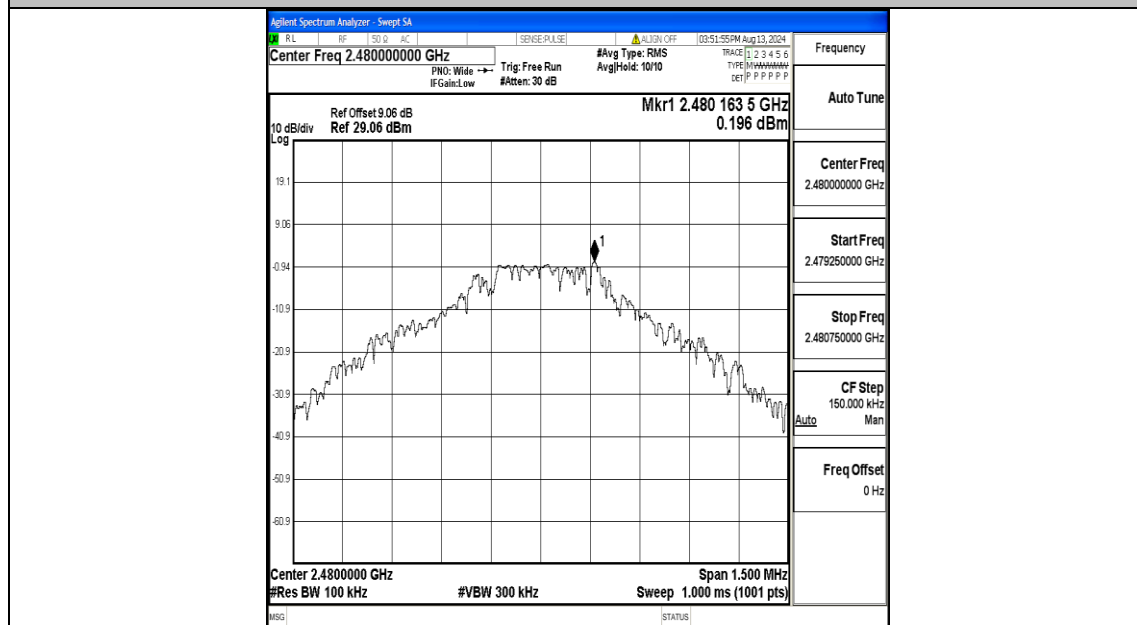
Test Graphs



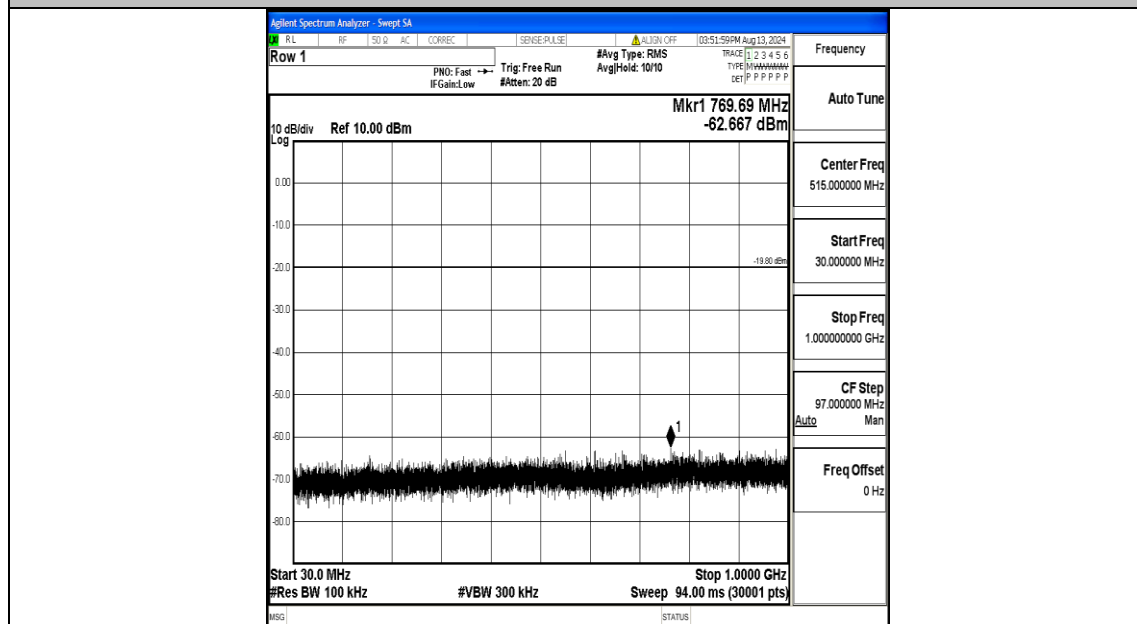




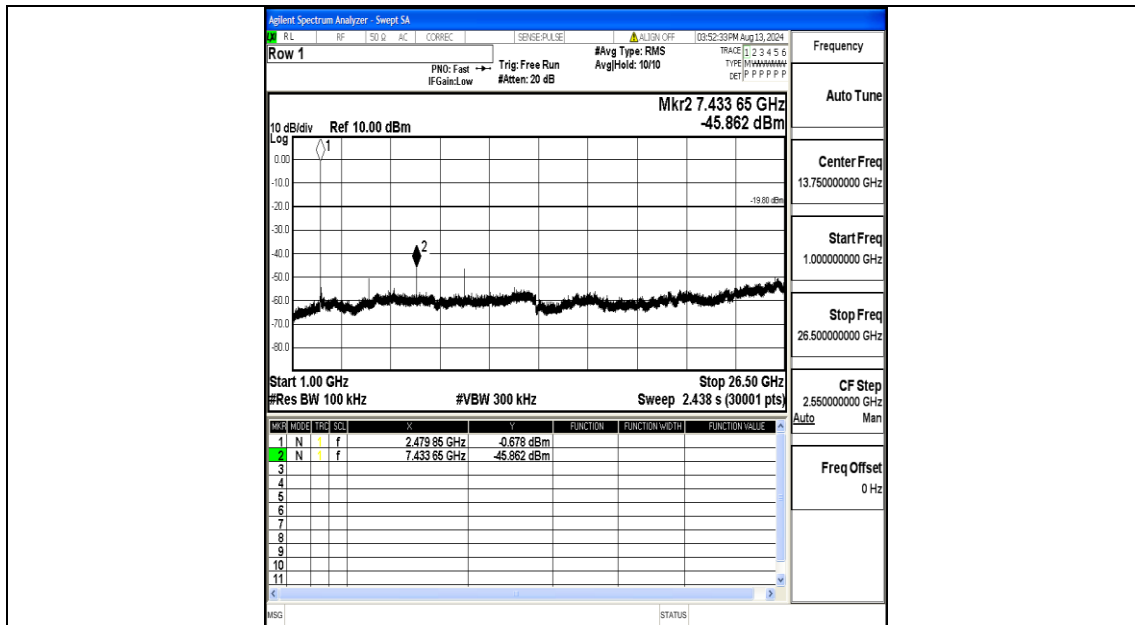
DH5-Ant1-2441-1000~26500-PASS



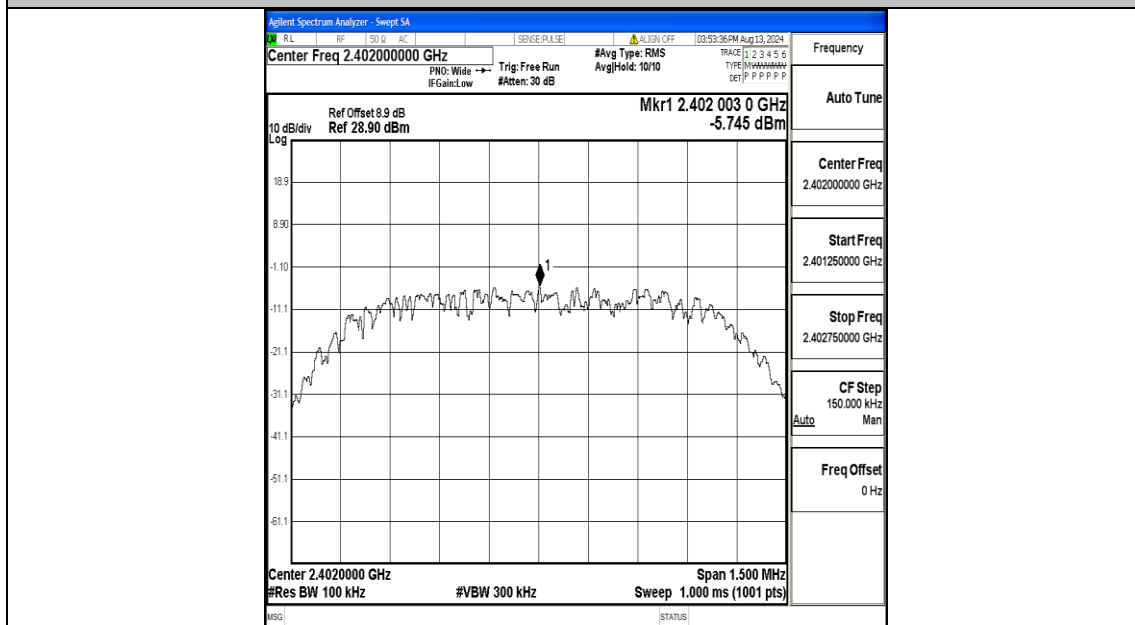
DH5-Ant1-2480-0~Reference-PASS



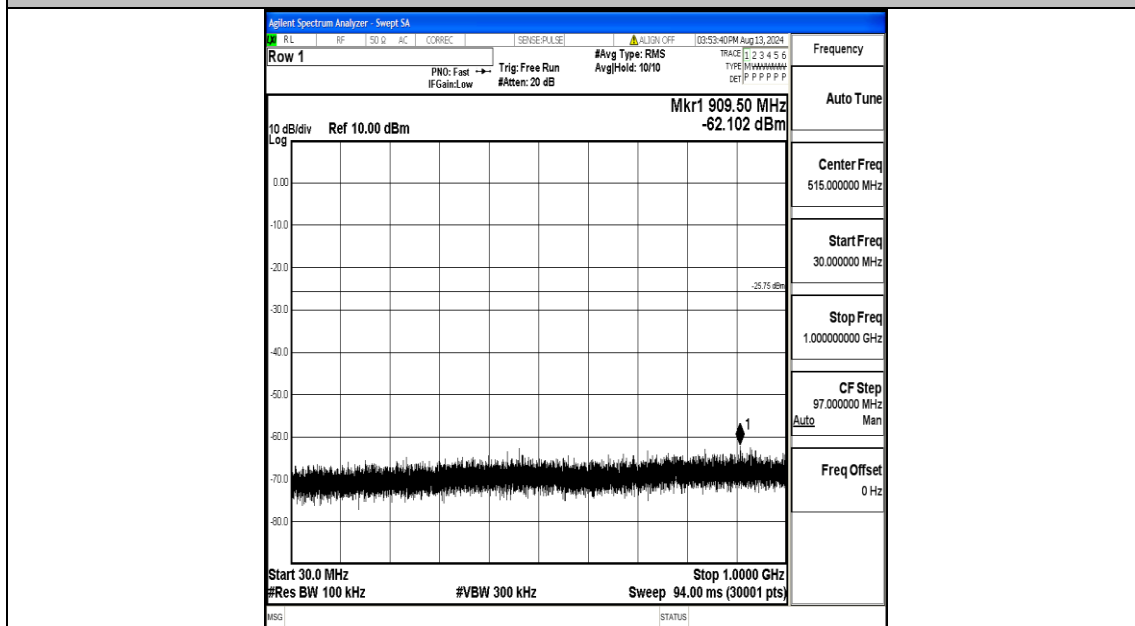
DH5-Ant1-2480-30~1000-PASS



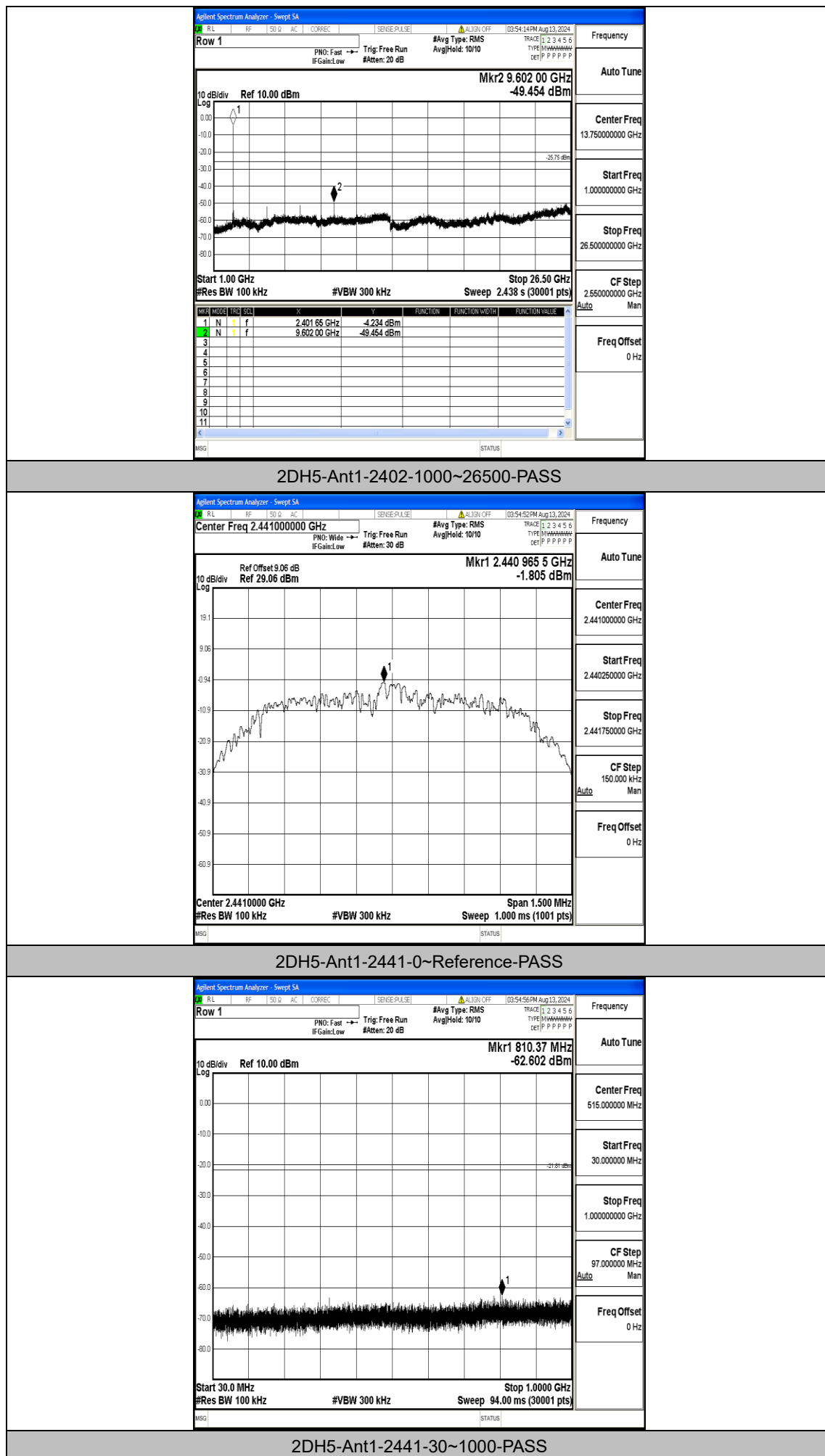
DH5-Ant1-2480-1000~26500-PASS

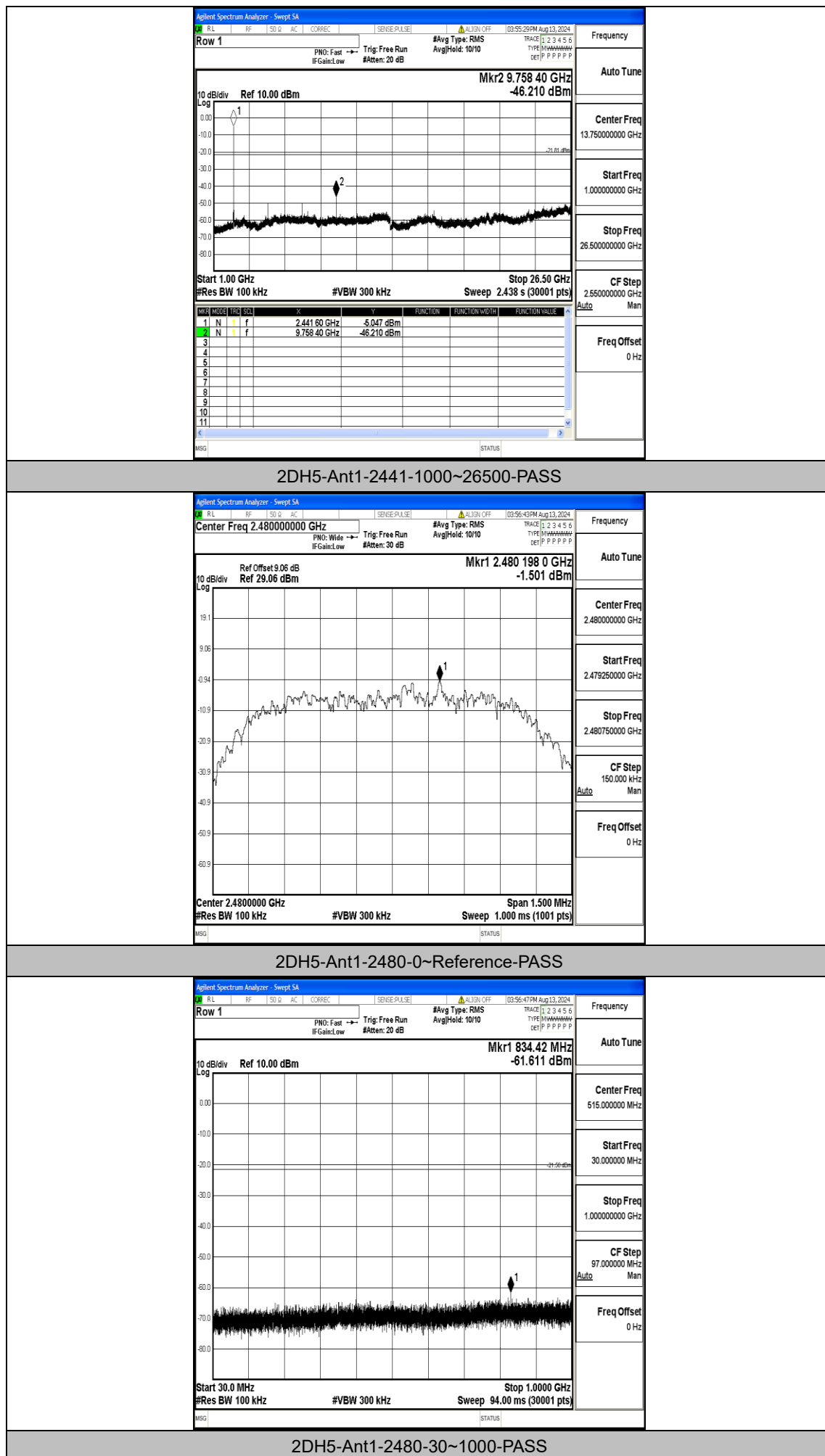


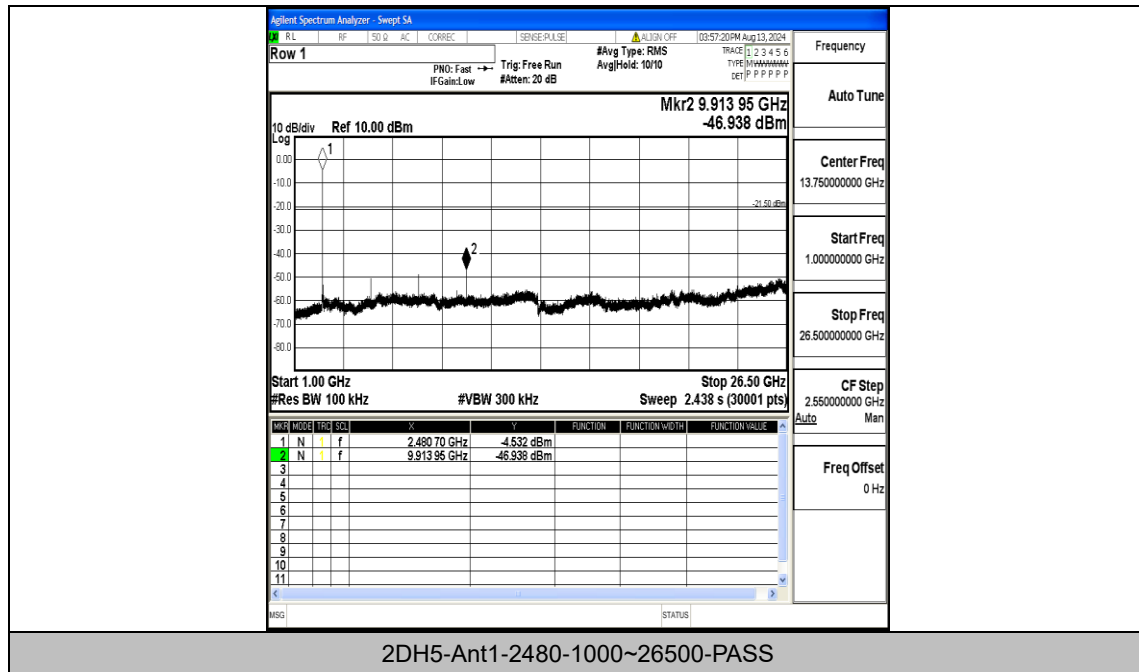
2DH5-Ant1-2402-0~Reference-PASS



2DH5-Ant1-2402-30~1000-PASS







Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

Test Graphs

