

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

Product Name: Bluetooth Headset

Trade Mark: /

Test Model: J11

FCC ID: 2BH8I-J11

Environmental Conditions

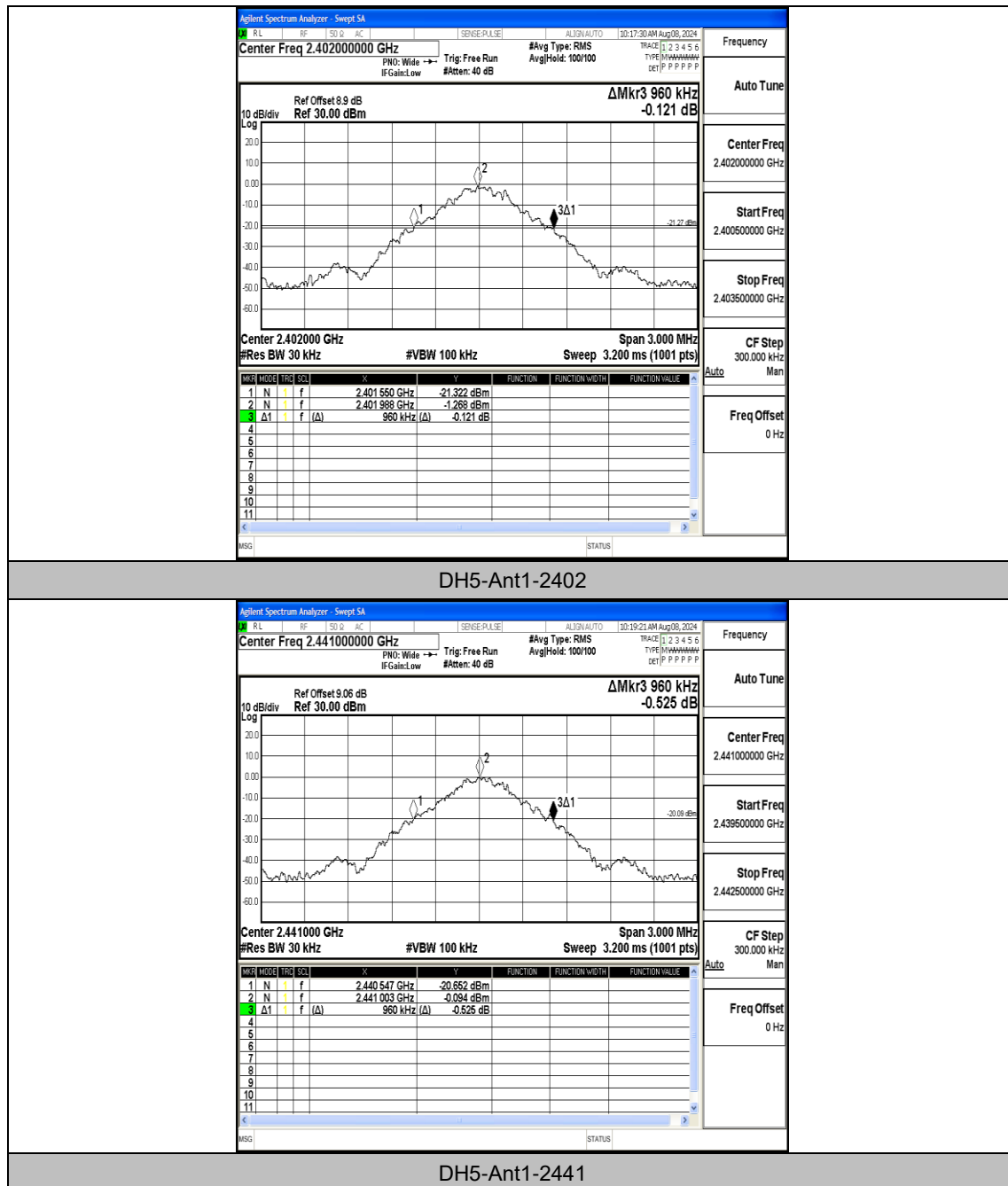
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

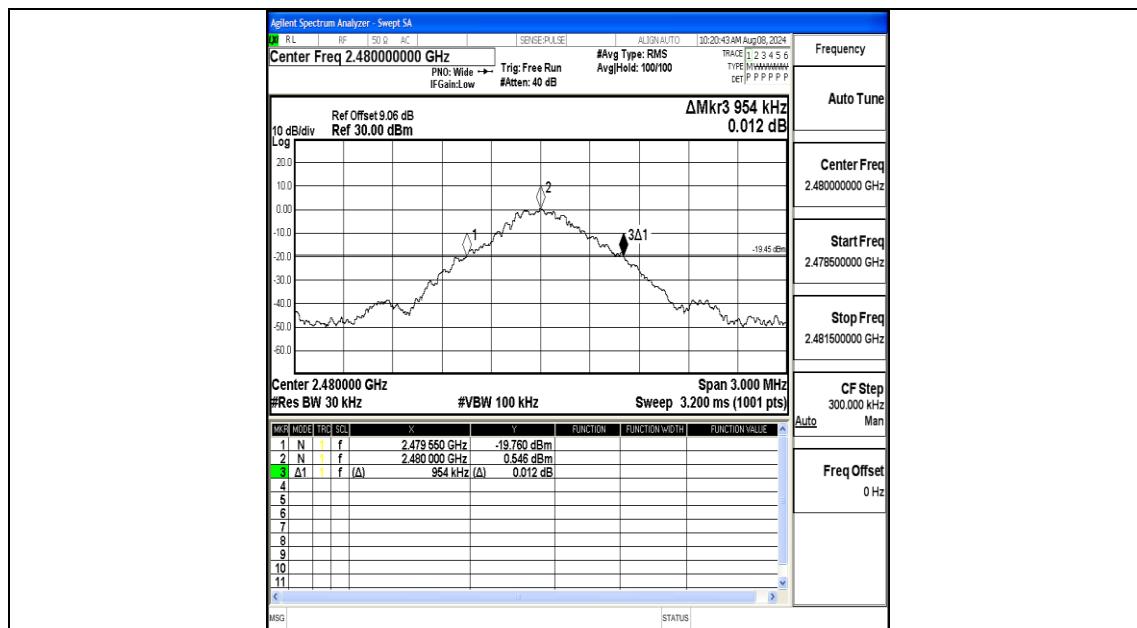
Appendix A: 20dB Emission Bandwidth

Test Result

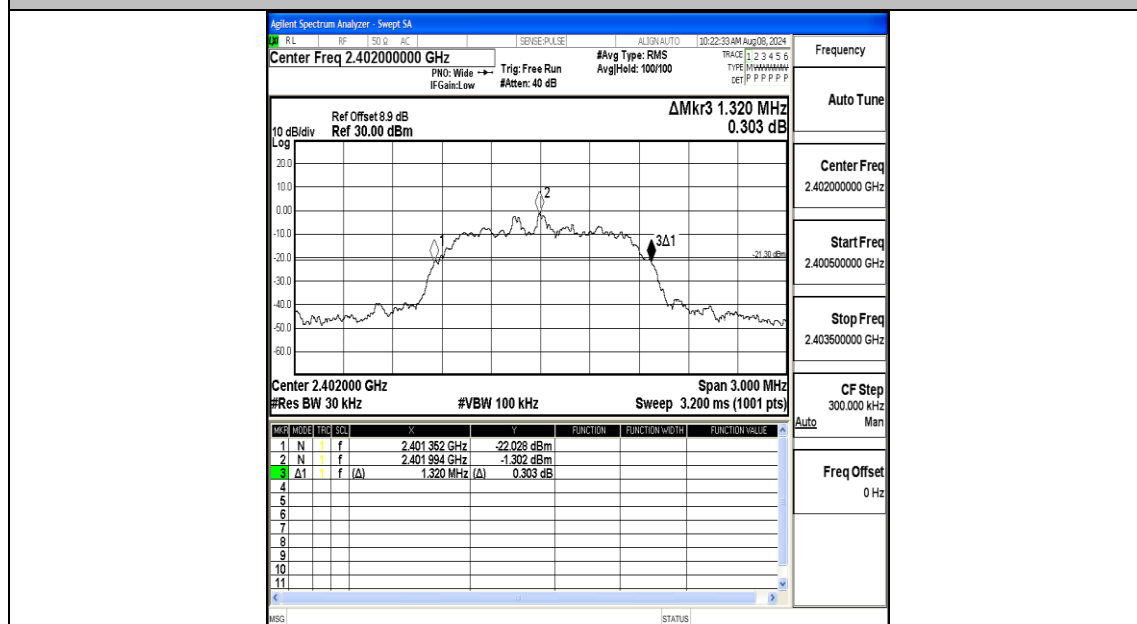
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.550	2402.510	---	---
DH5	Ant1	2441	0.960	2440.547	2441.507	---	---
DH5	Ant1	2480	0.954	2479.550	2480.504	---	---
2DH5	Ant1	2402	1.320	2401.352	2402.672	---	---
2DH5	Ant1	2441	1.326	2440.349	2441.675	---	---
2DH5	Ant1	2480	1.323	2479.352	2480.675	---	---

Test Graphs

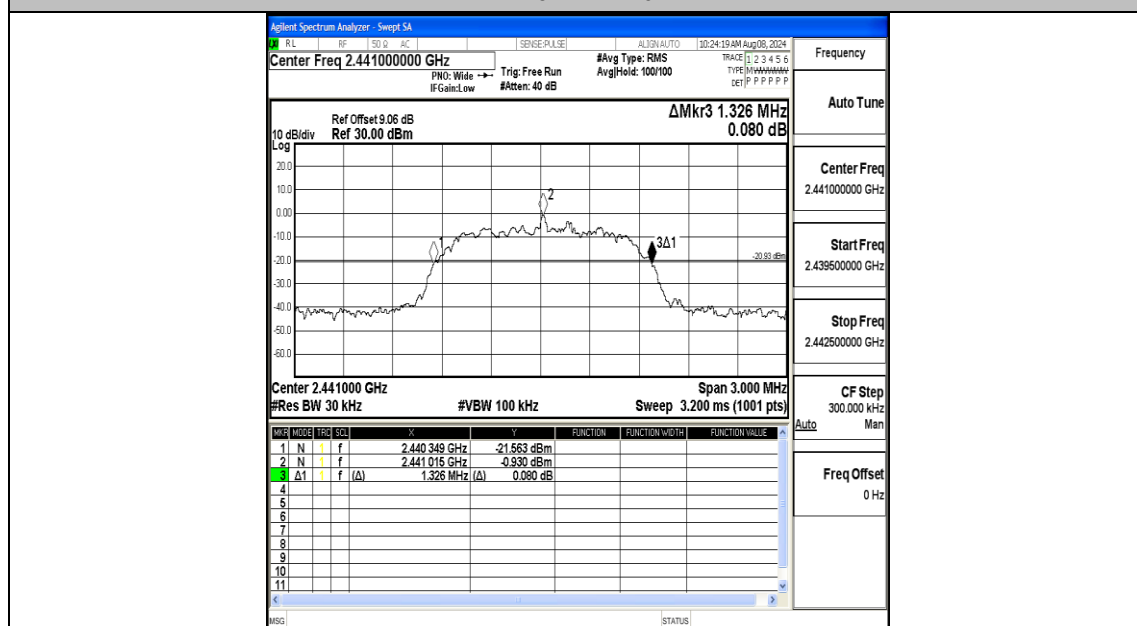




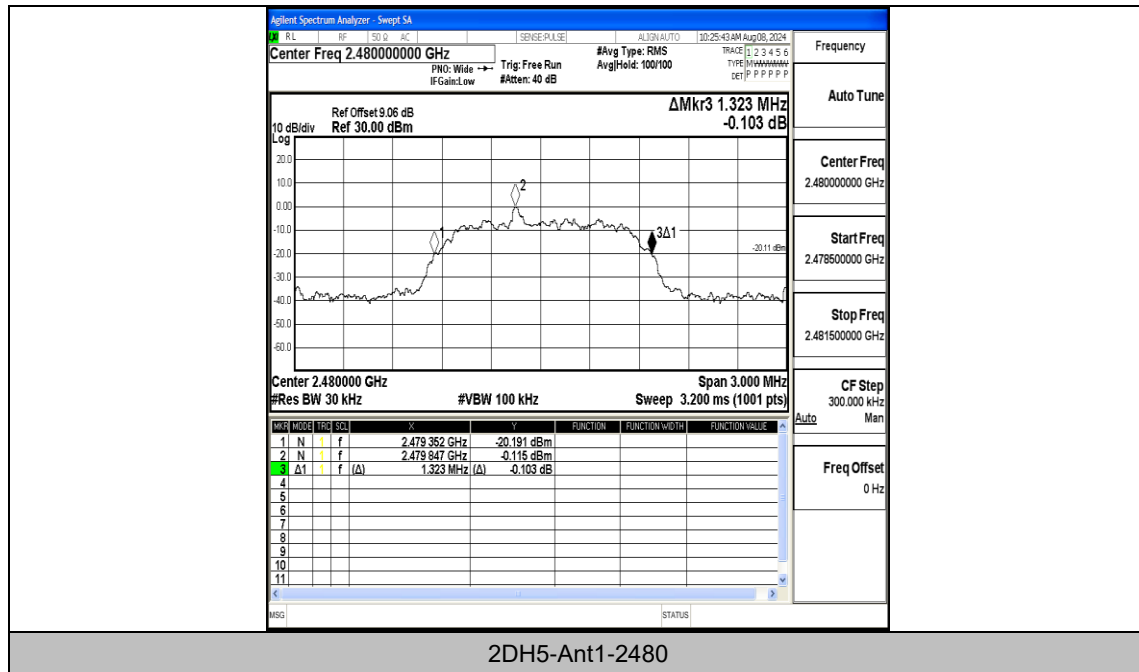
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441

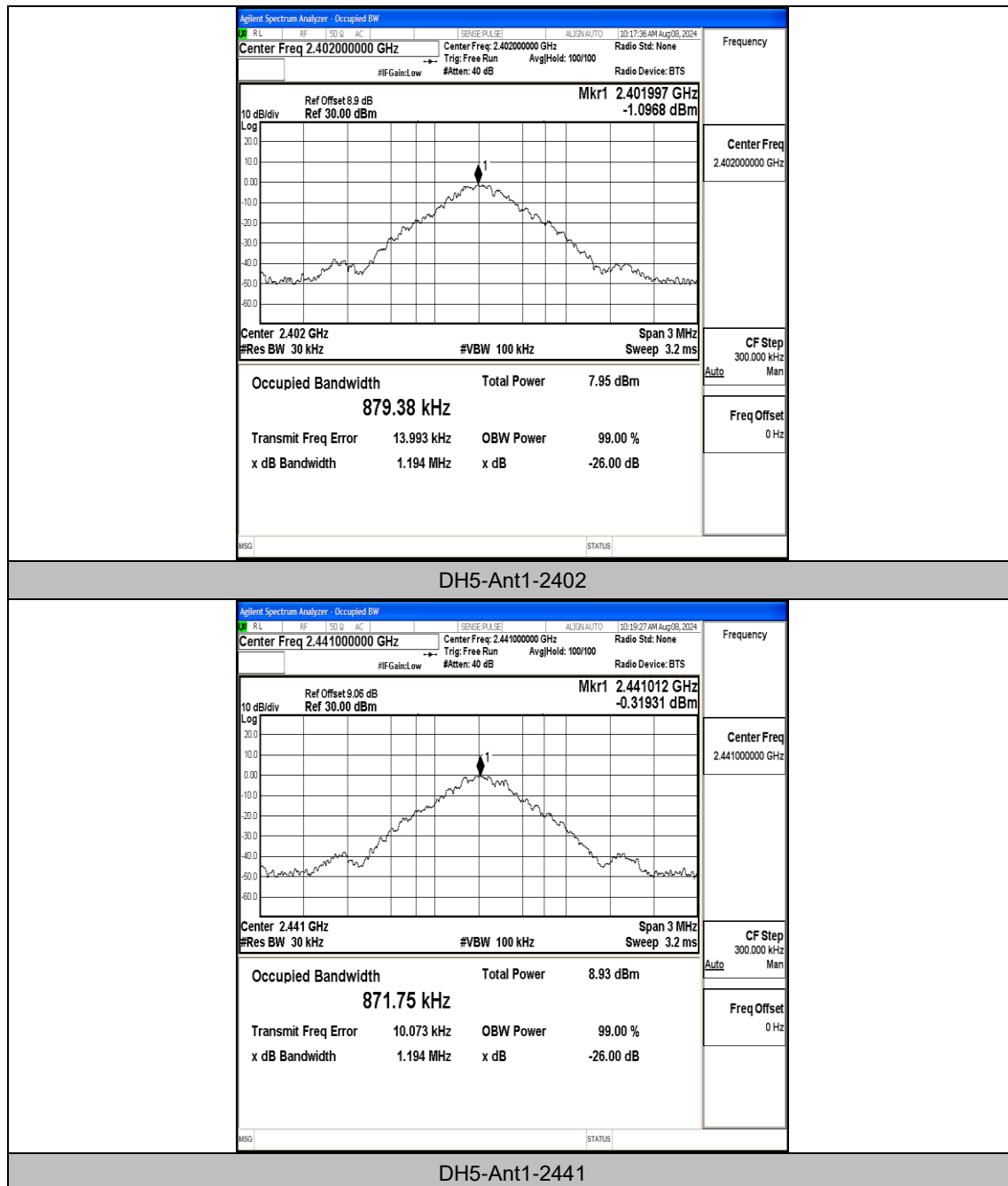


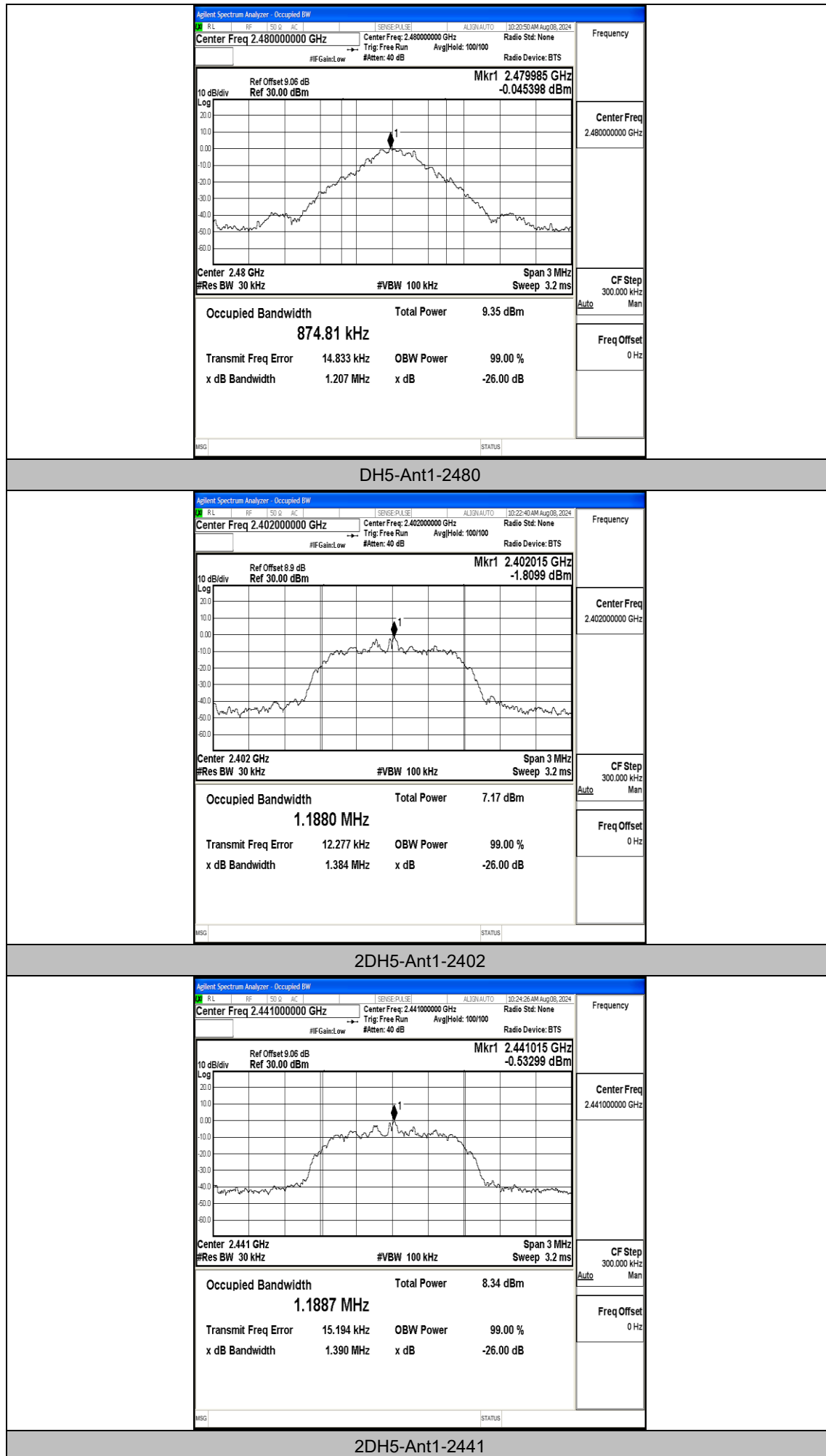
Appendix B: Occupied Channel Bandwidth

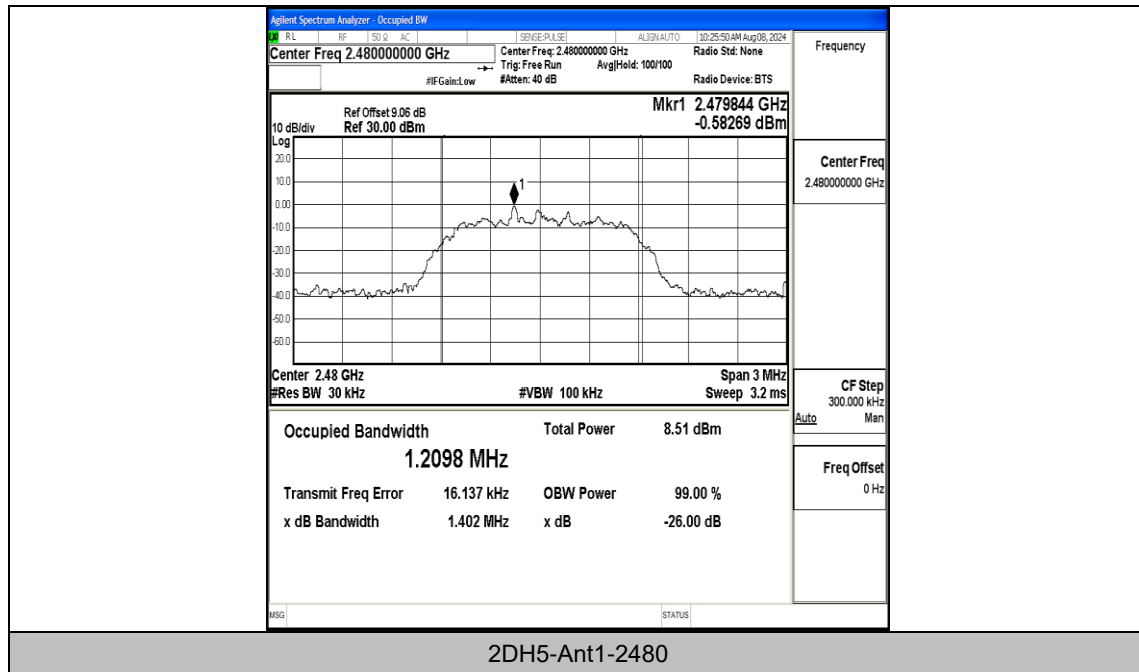
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87938	2401.5743	2402.4537	---	---
DH5	Ant1	2441	0.87175	2440.5742	2441.4459	---	---
DH5	Ant1	2480	0.87481	2479.5774	2480.4522	---	---
2DH5	Ant1	2402	1.1880	2401.4183	2402.6063	---	---
2DH5	Ant1	2441	1.1887	2440.4208	2441.6095	---	---
2DH5	Ant1	2480	1.2098	2479.4112	2480.6210	---	---

Test Graphs





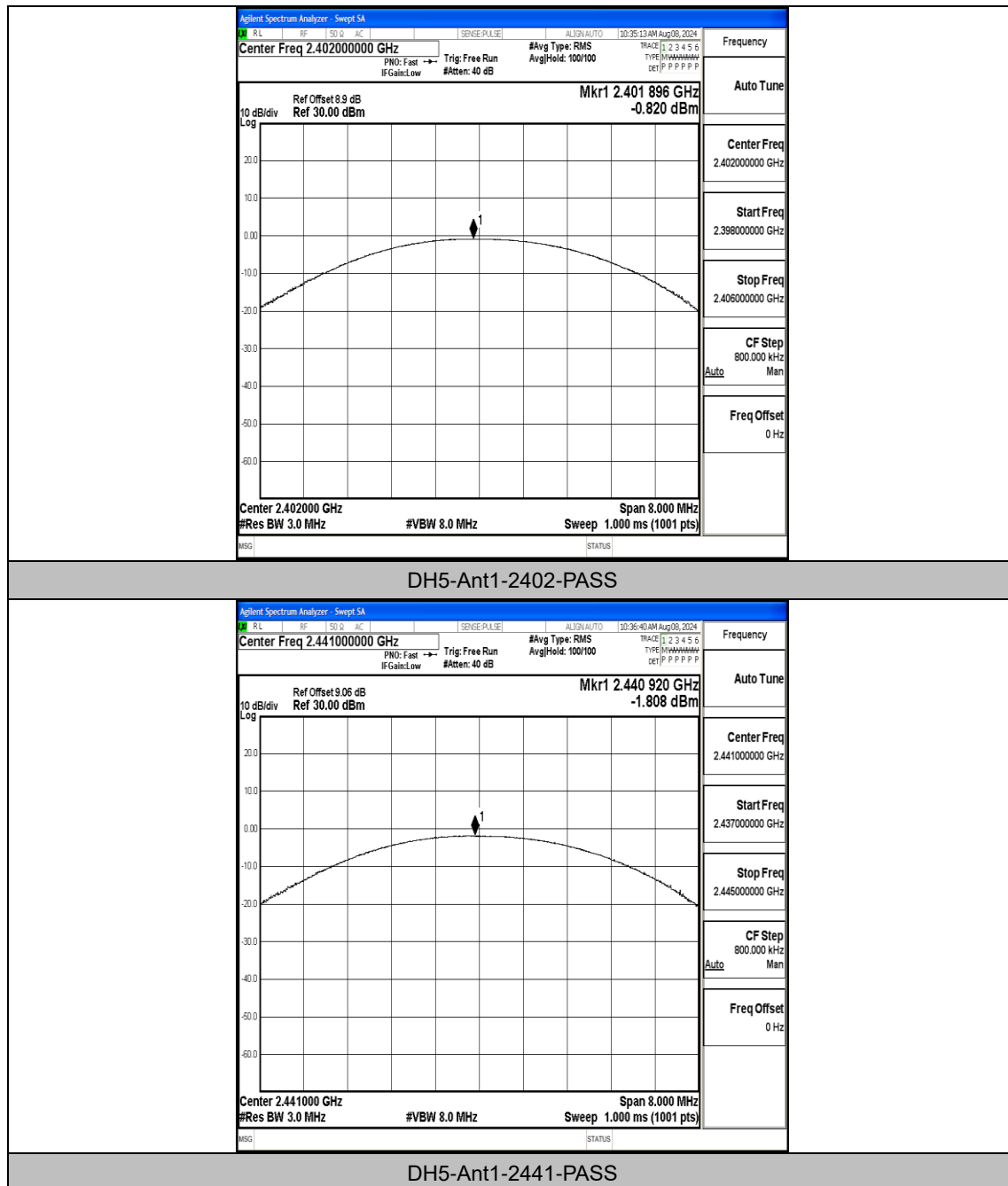


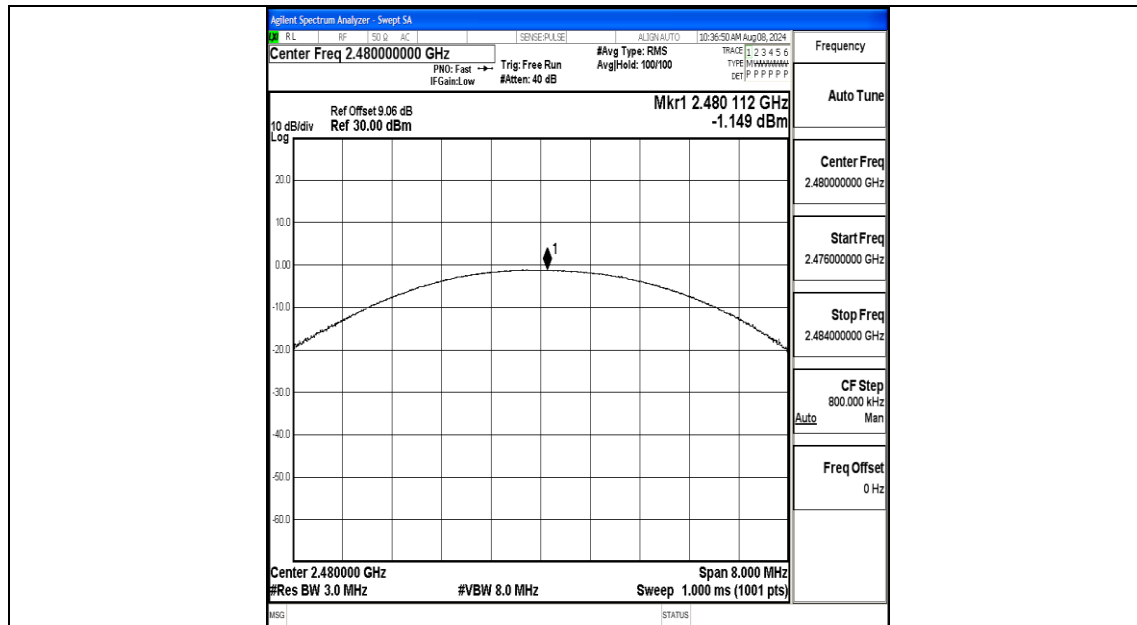
Appendix C: Maximum peak conducted output power

Test Result

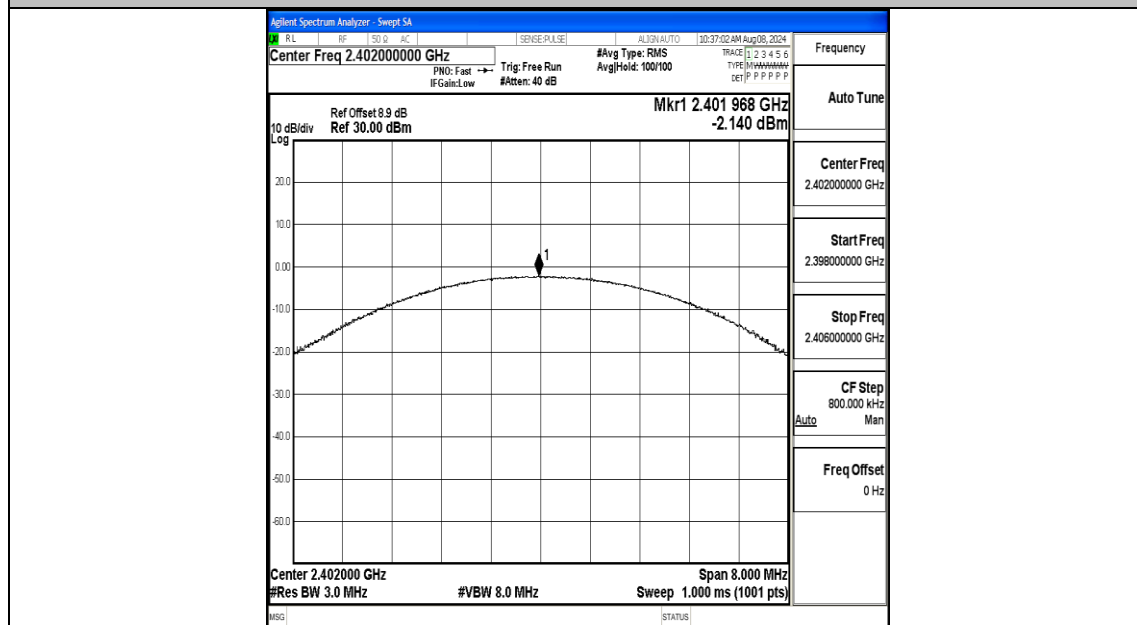
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.82	≤20.97	PASS
DH5	Ant1	2441	-1.81	≤20.97	PASS
DH5	Ant1	2480	-1.15	≤20.97	PASS
2DH5	Ant1	2402	-2.14	≤20.97	PASS
2DH5	Ant1	2441	-1.09	≤20.97	PASS
2DH5	Ant1	2480	-0.42	≤20.97	PASS

Test Graphs

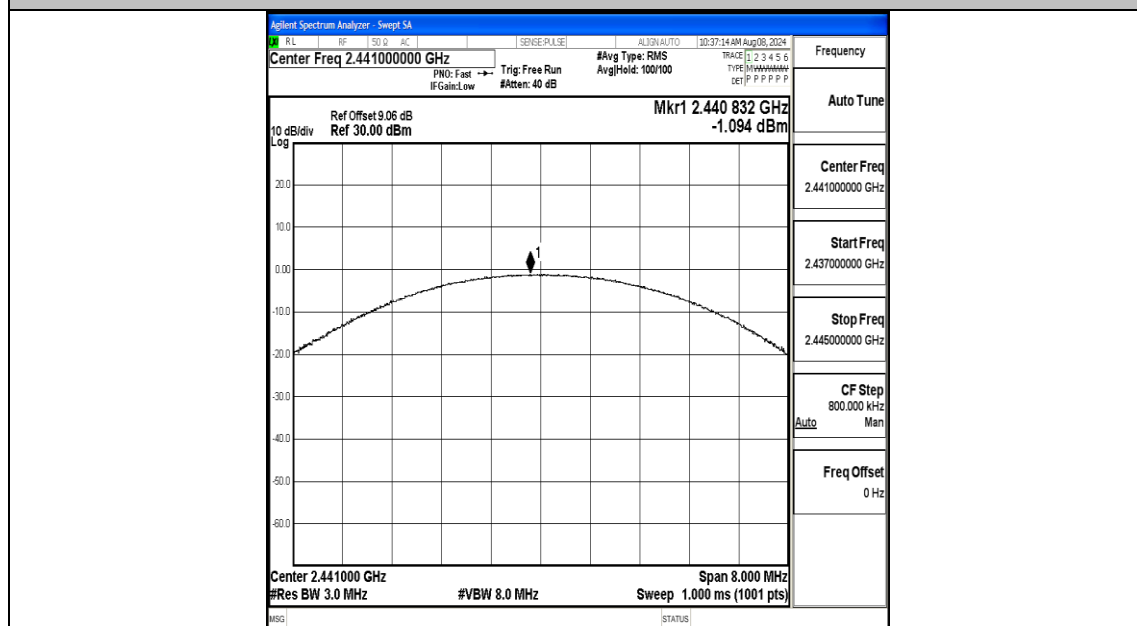




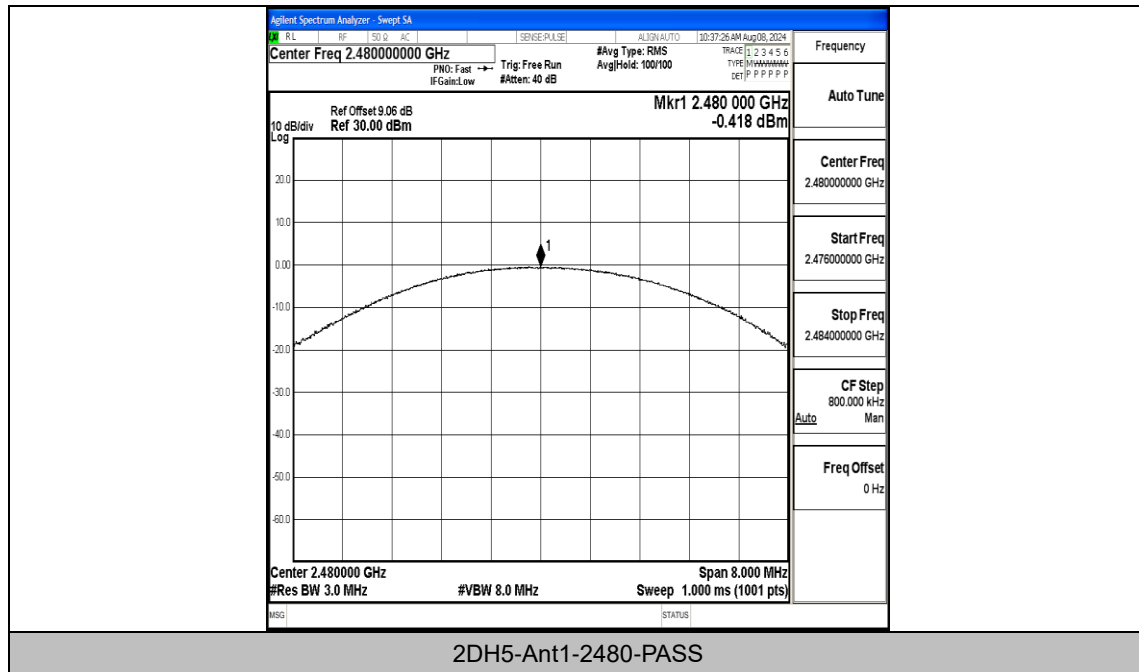
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS

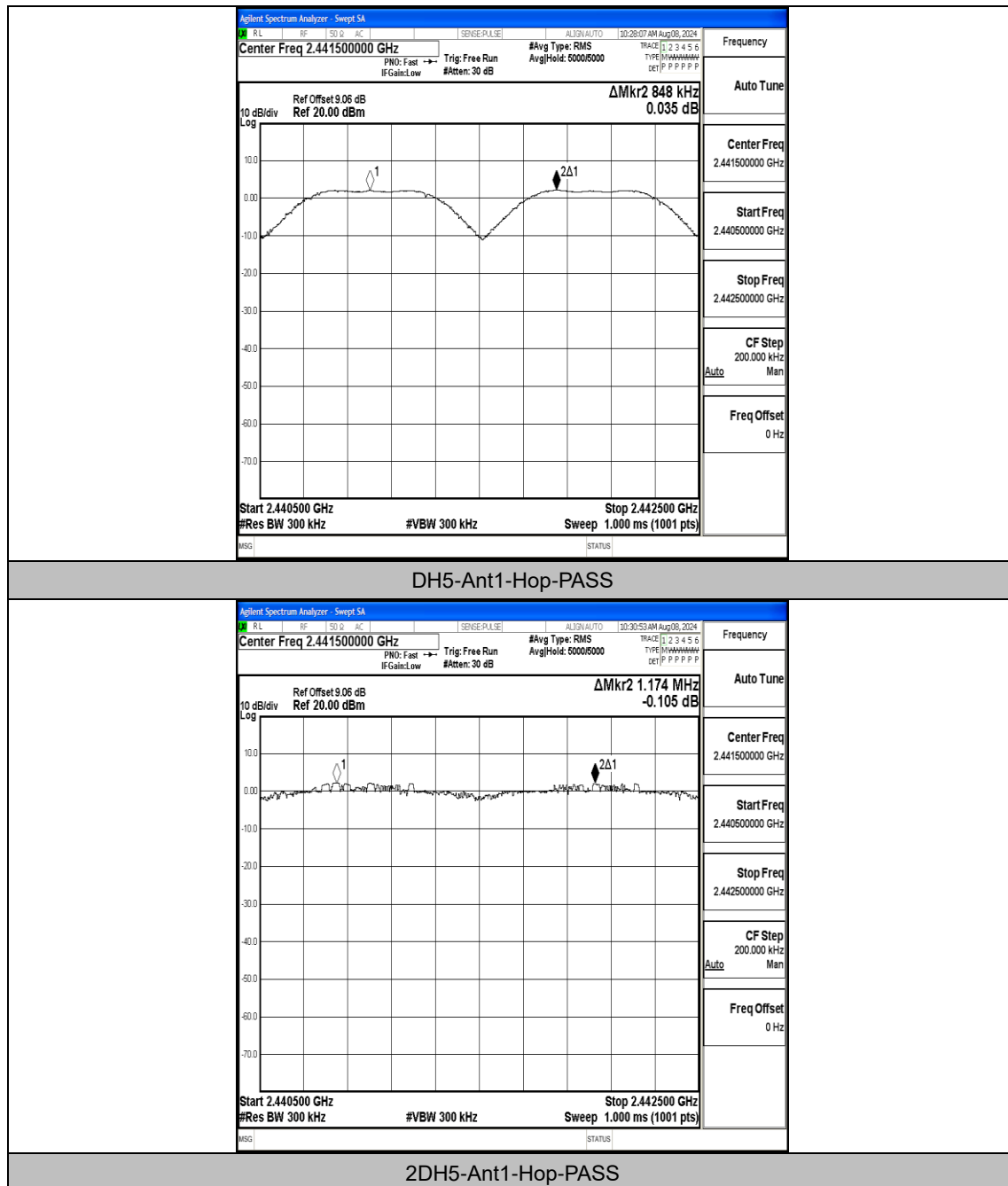


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.848	≥ 0.640	PASS
2DH5	Ant1	Hop	1.174	≥ 0.884	PASS

Test Graphs

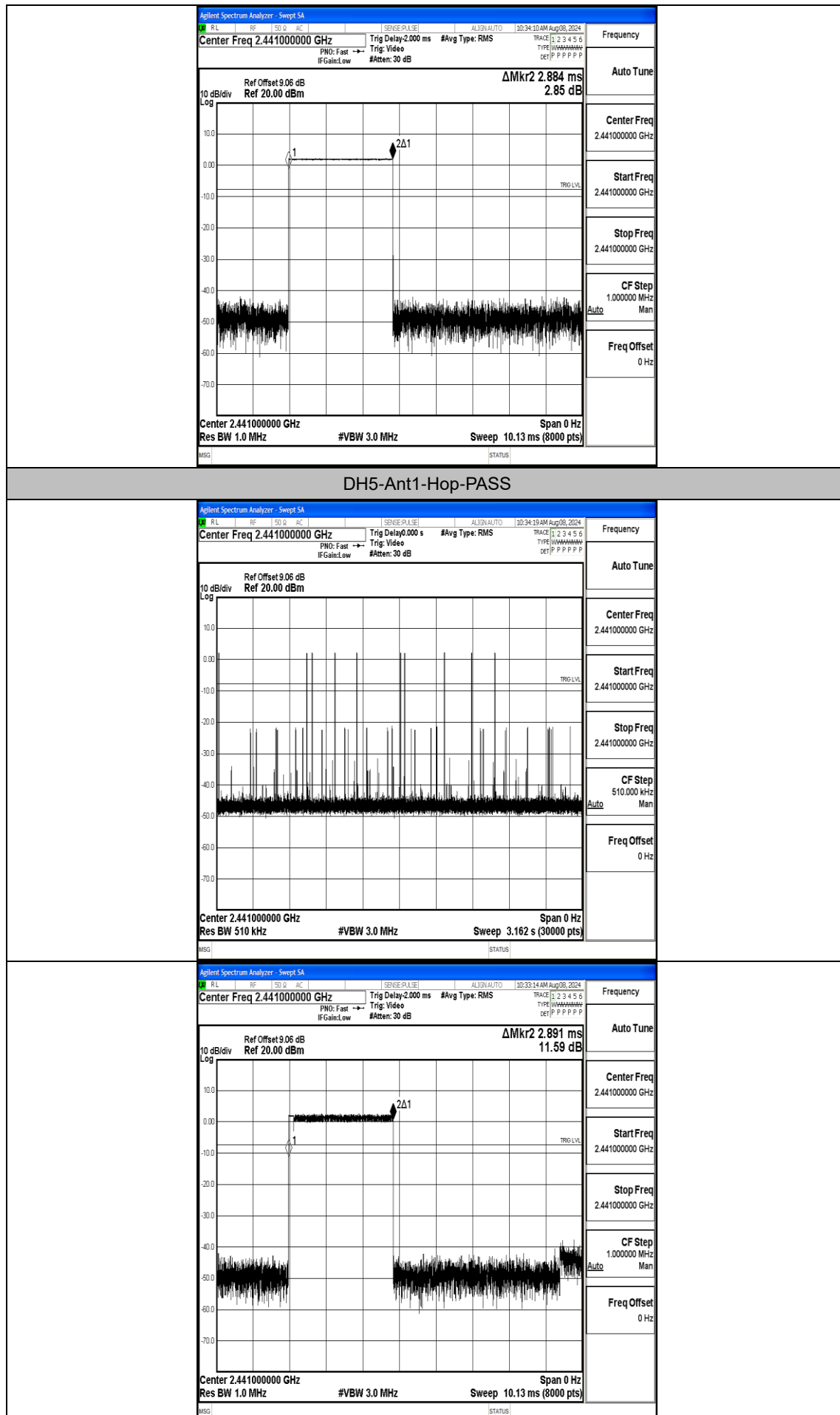


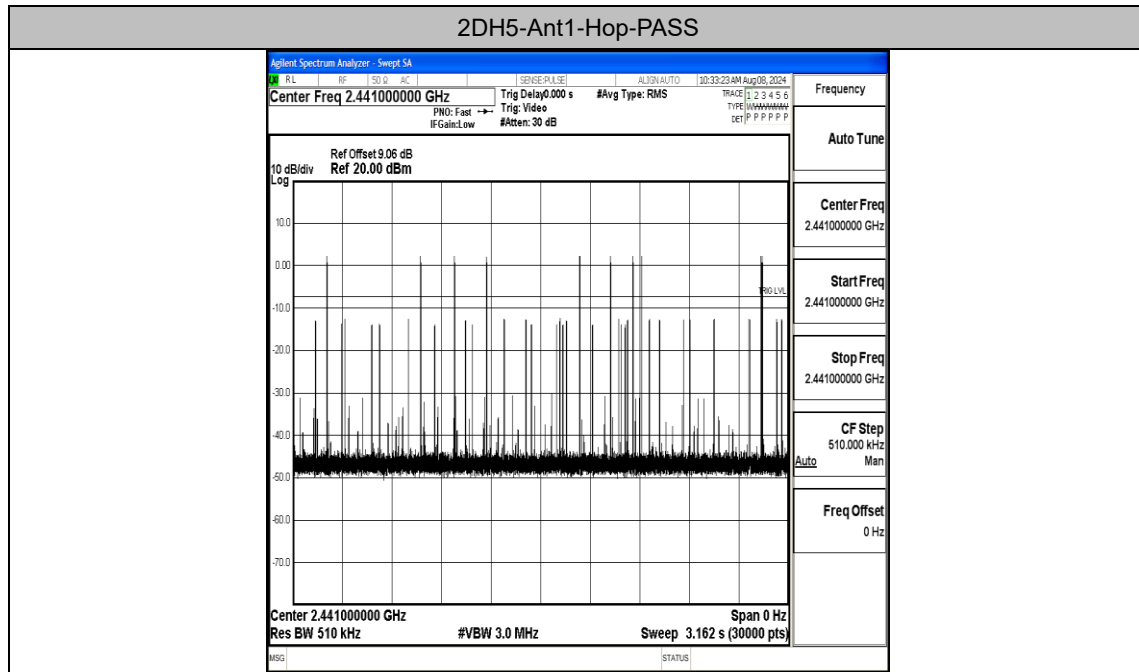
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.884	110	0.317	≤0.4	PASS
2DH5	Ant1	Hop	2.891	110	0.318	≤0.4	PASS

Test Graphs



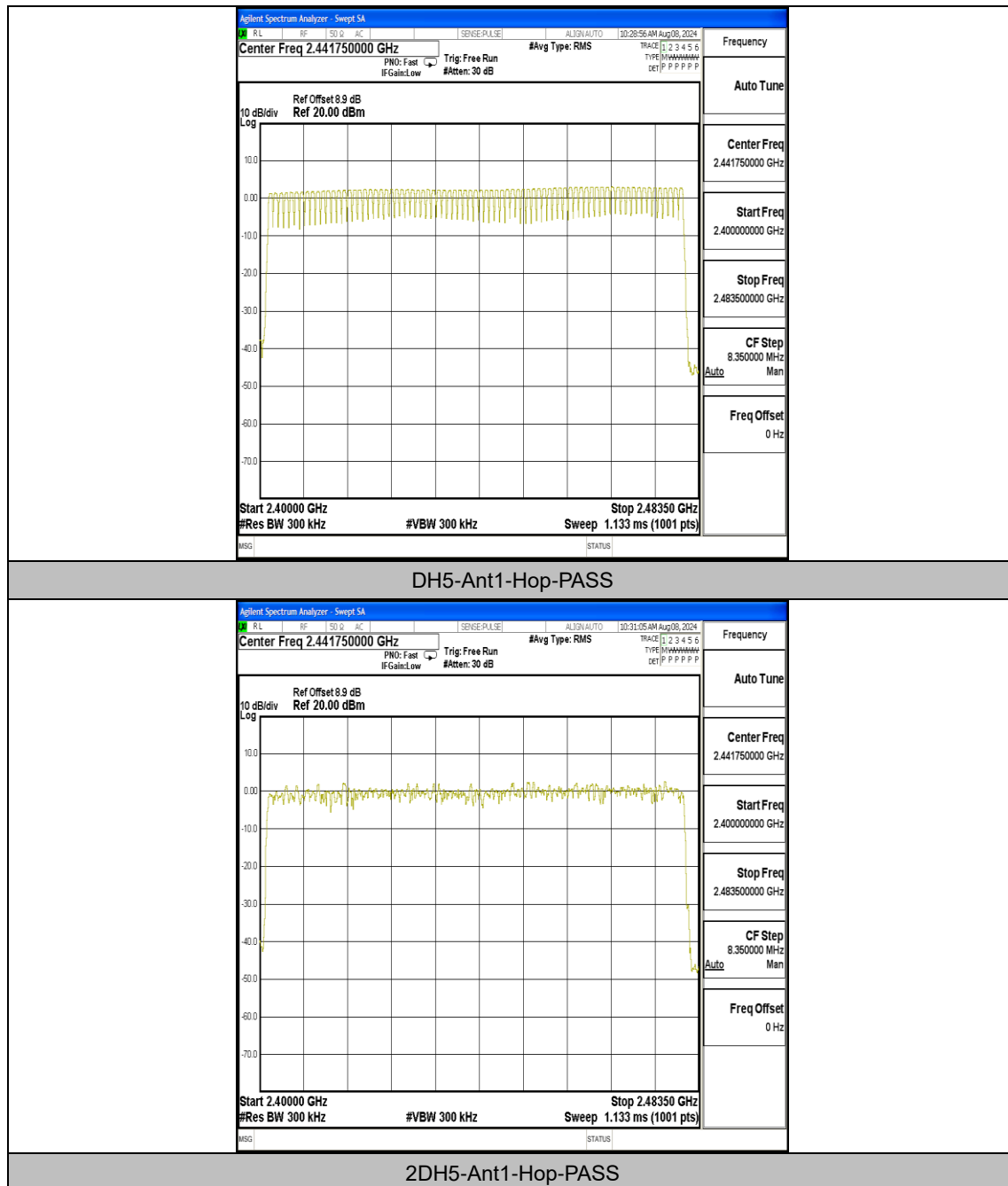


Appendix F: Number of hopping channels

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

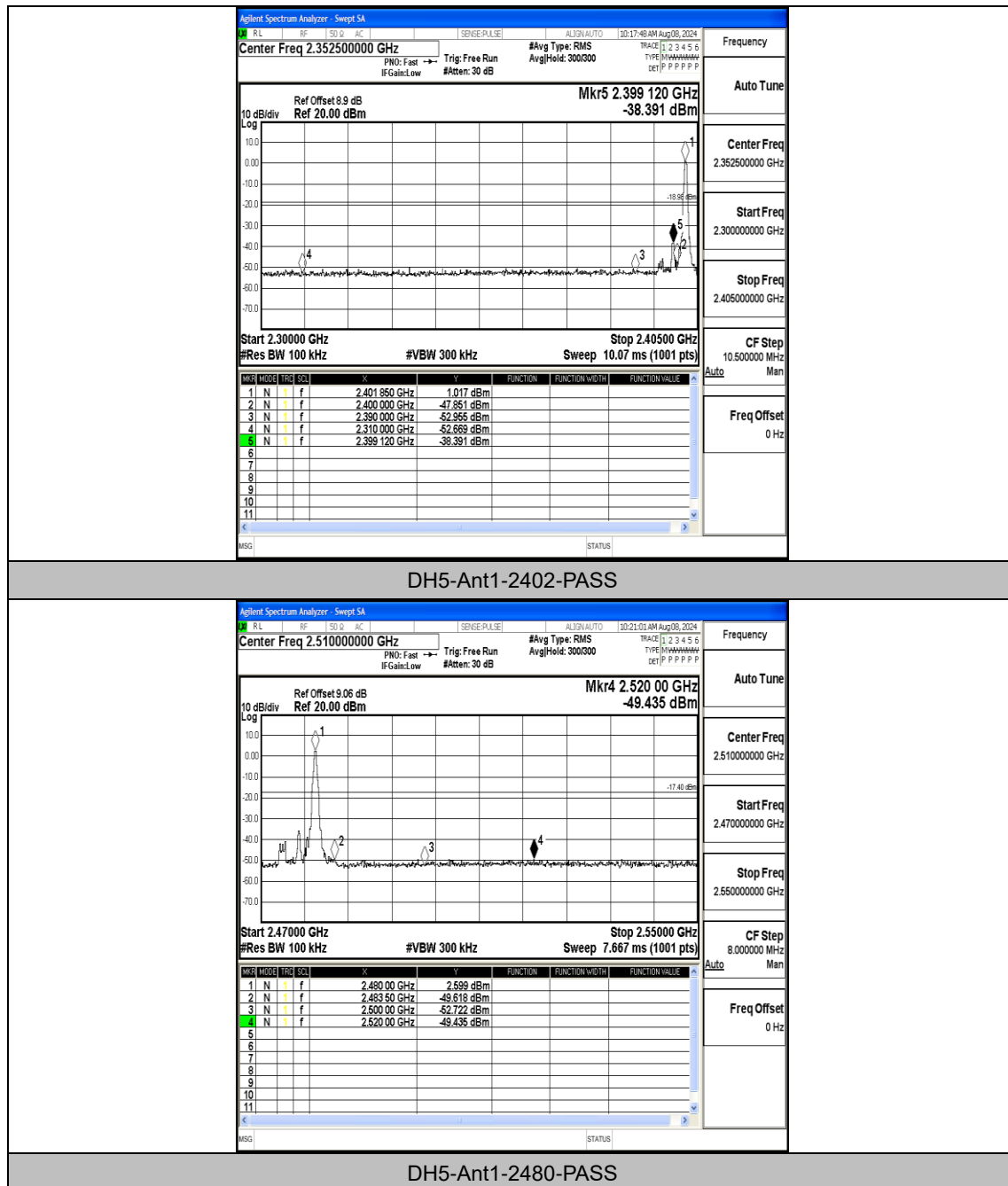


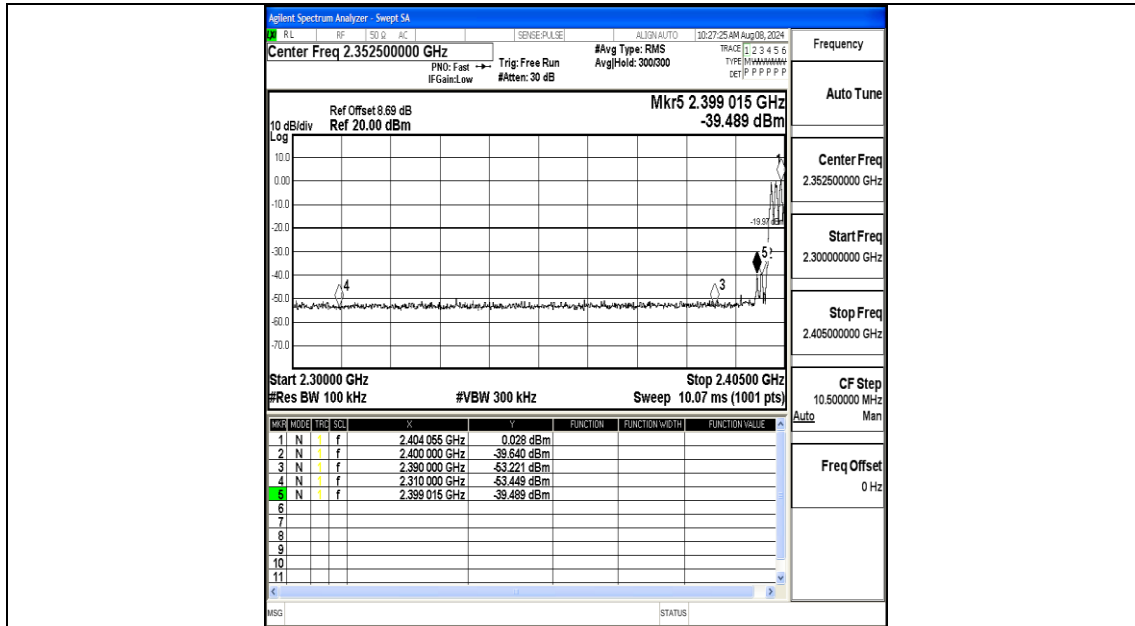
Appendix G: Band edge measurements

Test Result

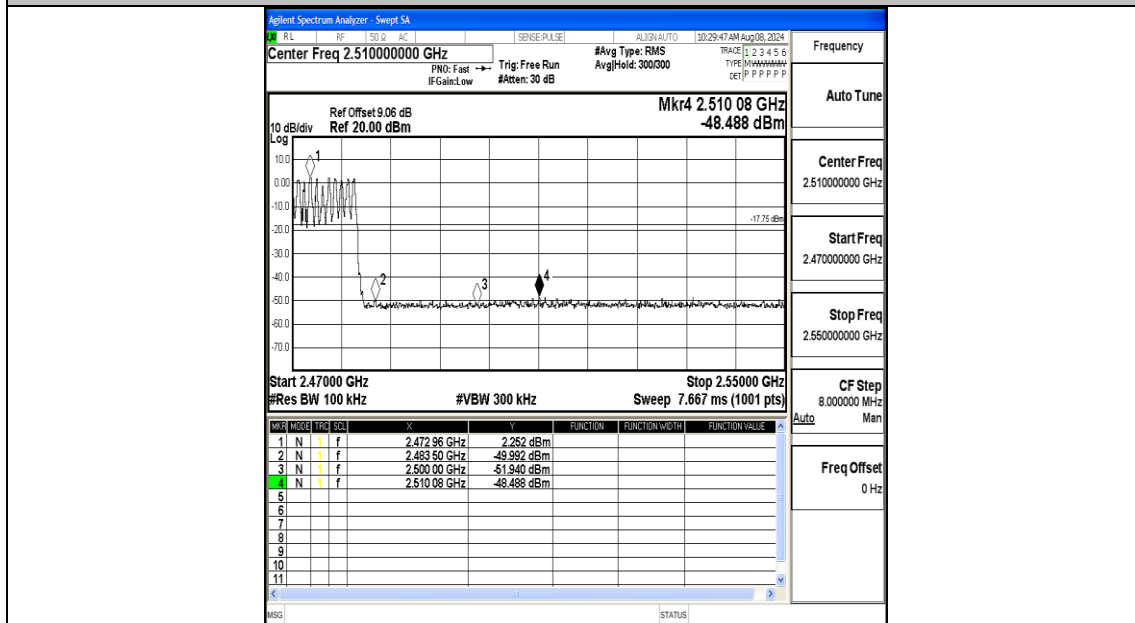
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.02	-38.39	≤-18.98	PASS
DH5	Ant1	High	2480	2.60	-49.44	≤-17.4	PASS
DH5	Ant1	Low	Hop_2402	0.03	-39.49	≤-19.97	PASS
DH5	Ant1	High	Hop_2480	2.25	-48.49	≤-17.75	PASS
2DH5	Ant1	Low	2402	1.06	-39.54	≤-18.94	PASS
2DH5	Ant1	High	2480	2.73	-48.36	≤-17.27	PASS
2DH5	Ant1	Low	Hop_2402	-3.52	-41.63	≤-23.52	PASS
2DH5	Ant1	High	Hop_2480	-0.38	-49.23	≤-20.38	PASS

Test Graphs

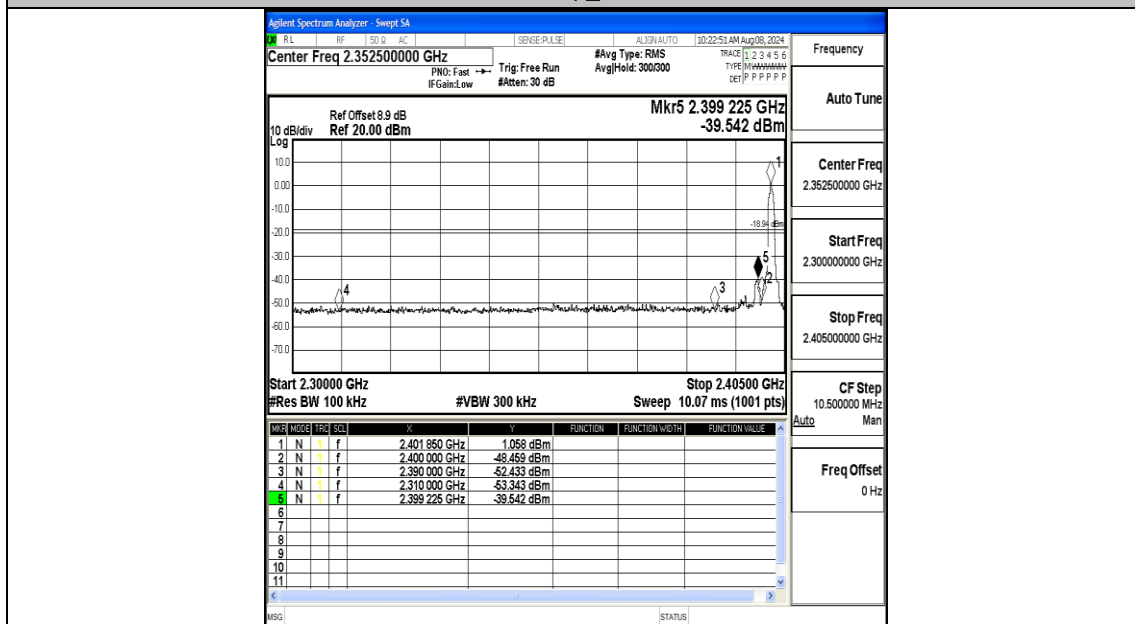




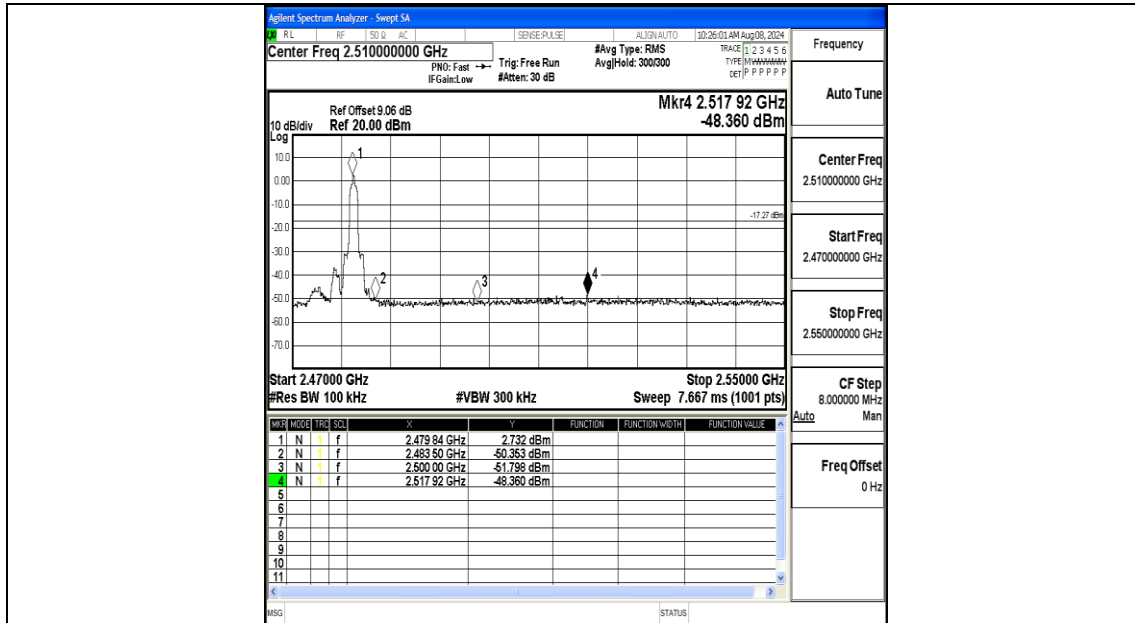
DH5-Ant1-Hop_2402-PASS



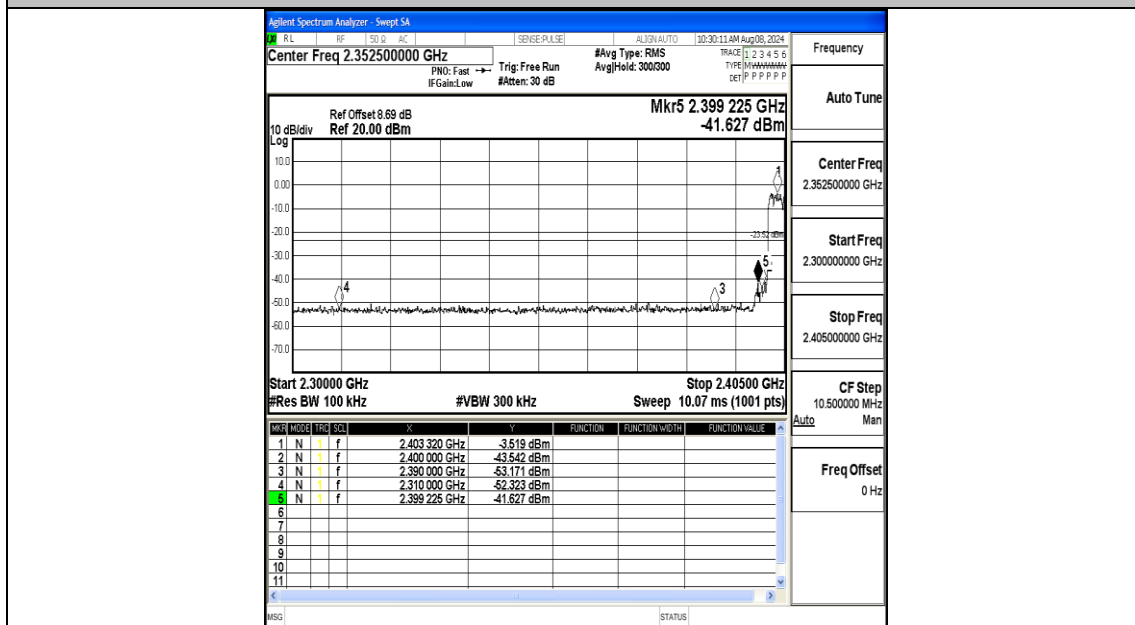
DH5-Ant1-Hop_2480-PASS



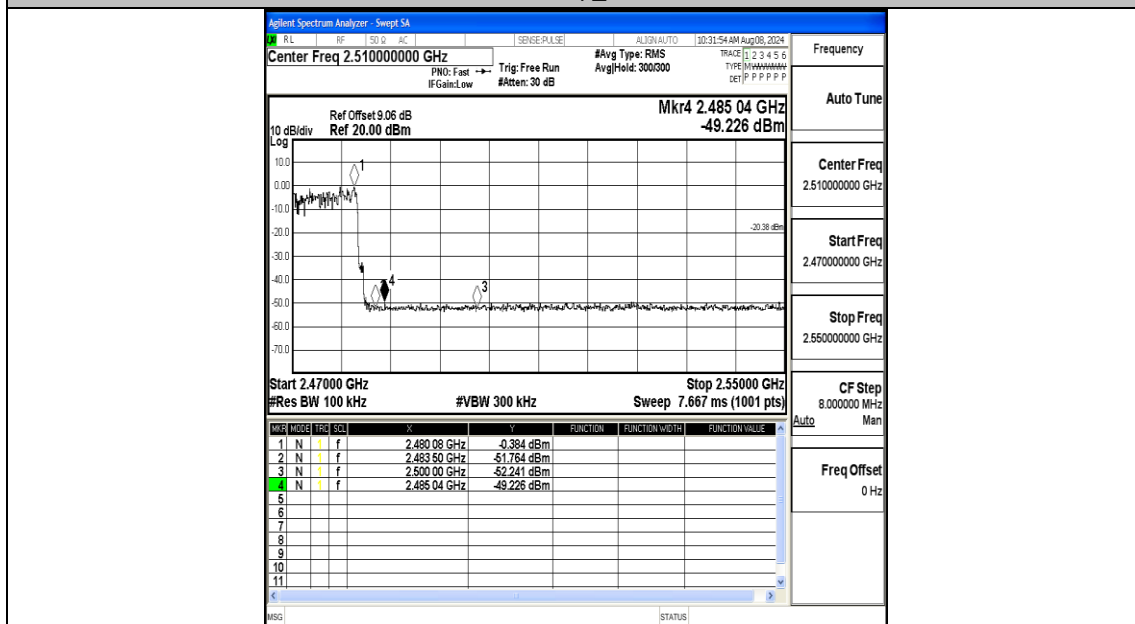
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



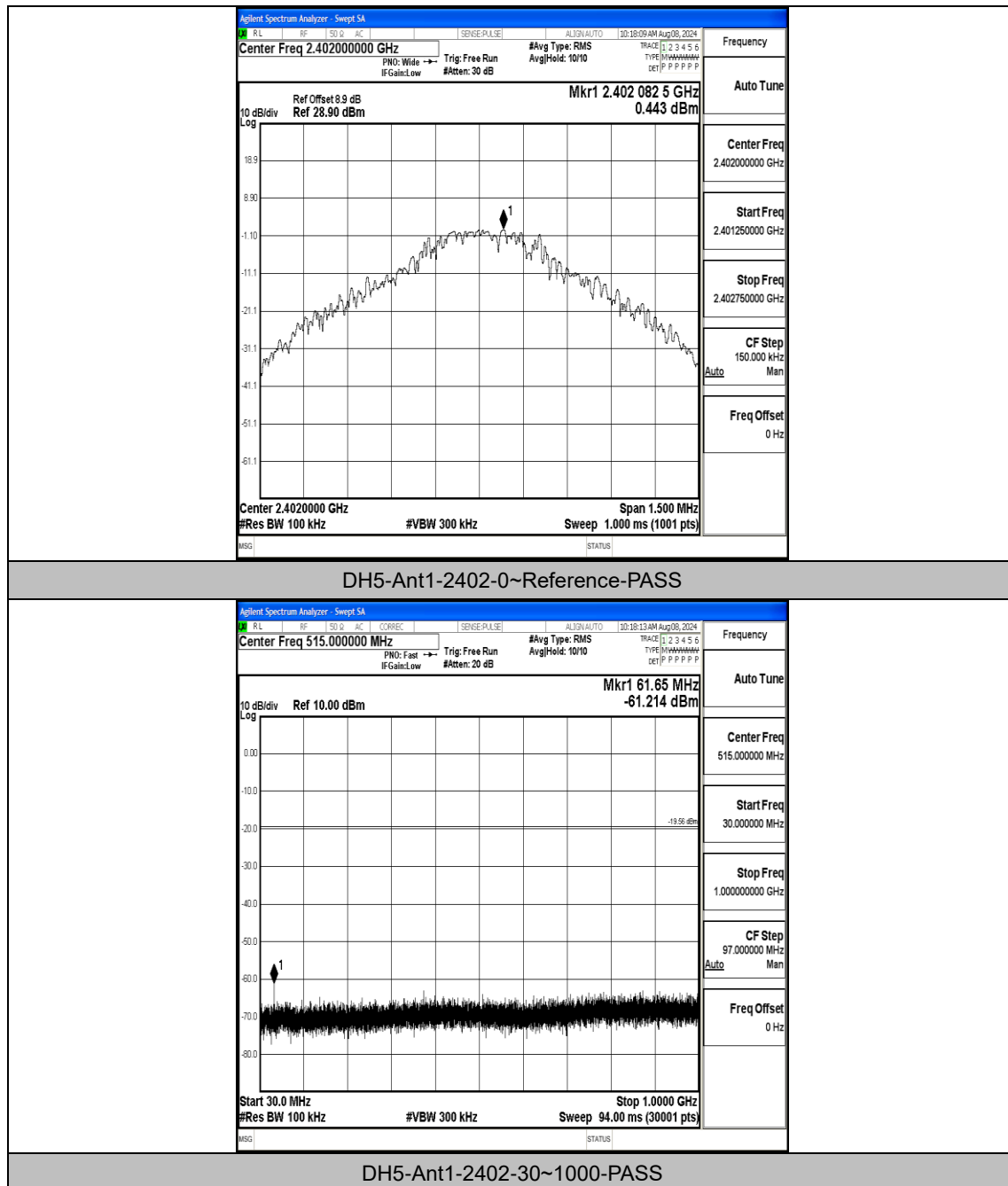
2DH5-Ant1-Hop_2480-PASS

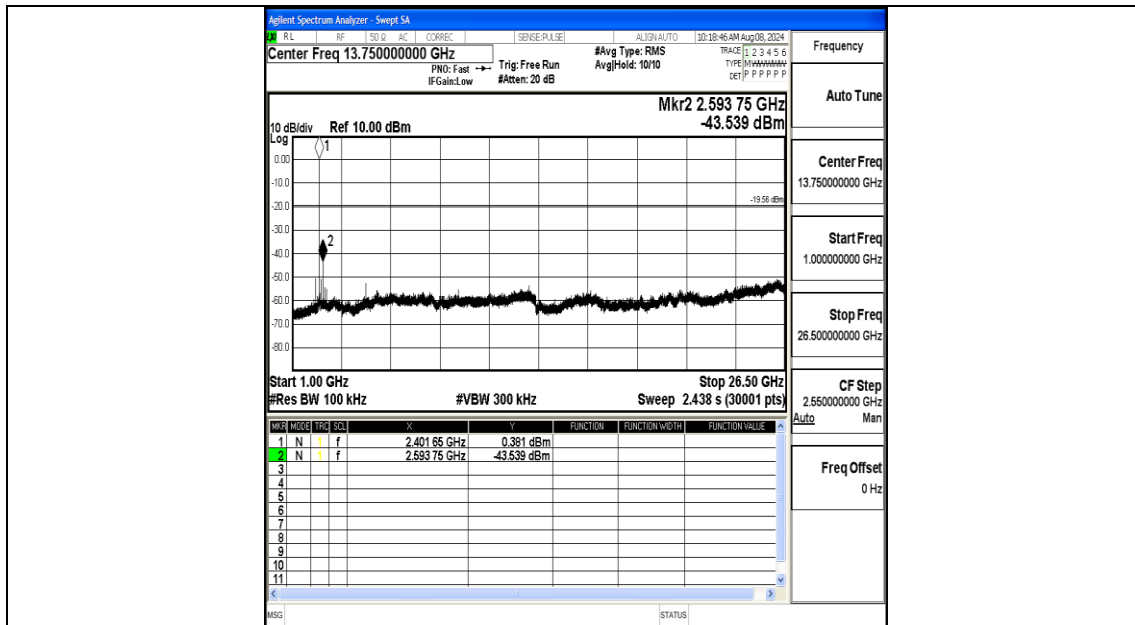
Appendix H: Conducted Spurious Emission

Test Result

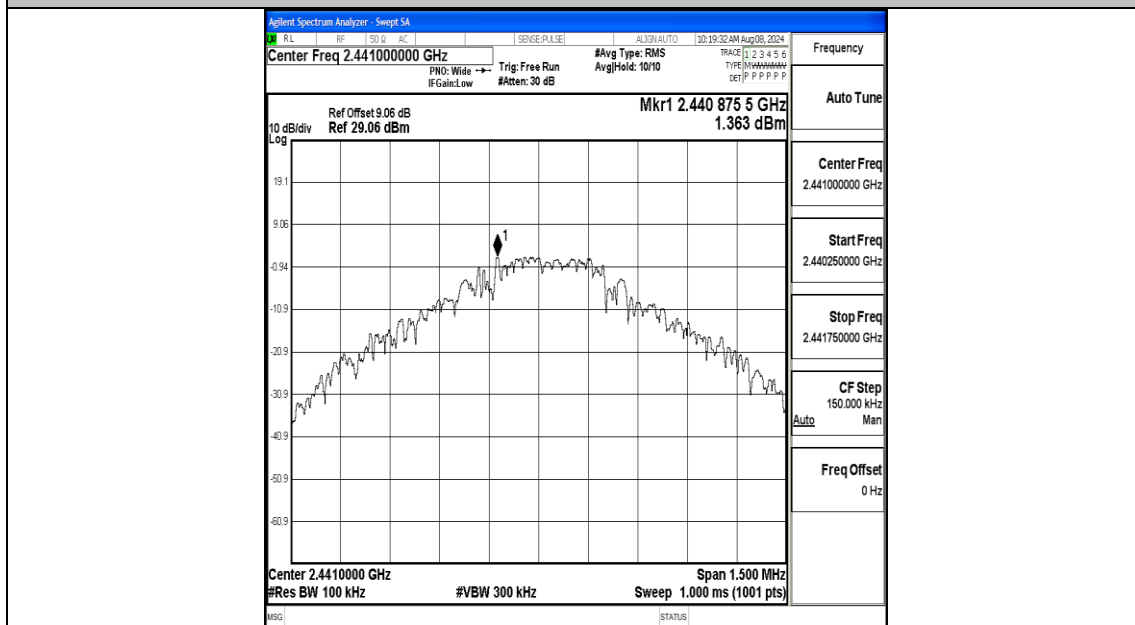
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.44	0.44	---	PASS
DH5	Ant1	2402	30~1000	0.44	-61.21	≤-19.56	PASS
DH5	Ant1	2402	1000~26500	0.44	-43.54	≤-19.56	PASS
DH5	Ant1	2441	0~Reference	1.36	1.36	---	PASS
DH5	Ant1	2441	30~1000	1.36	-61.52	≤-18.64	PASS
DH5	Ant1	2441	1000~26500	1.36	-44.28	≤-18.64	PASS
DH5	Ant1	2480	0~Reference	1.99	1.99	---	PASS
DH5	Ant1	2480	30~1000	1.99	-61.05	≤-18.01	PASS
DH5	Ant1	2480	1000~26500	1.99	-46.61	≤-18.01	PASS
2DH5	Ant1	2402	0~Reference	-2.17	-2.17	---	PASS
2DH5	Ant1	2402	30~1000	-2.17	-61.75	≤-22.17	PASS
2DH5	Ant1	2402	1000~26500	-2.17	-44.1	≤-22.17	PASS
2DH5	Ant1	2441	0~Reference	-2.35	-2.35	---	PASS
2DH5	Ant1	2441	30~1000	-2.35	-61.76	≤-22.35	PASS
2DH5	Ant1	2441	1000~26500	-2.35	-46.08	≤-22.35	PASS
2DH5	Ant1	2480	0~Reference	-1.23	-1.23	---	PASS
2DH5	Ant1	2480	30~1000	-1.23	-61.44	≤-21.23	PASS
2DH5	Ant1	2480	1000~26500	-1.23	-48.23	≤-21.23	PASS

Test Graphs

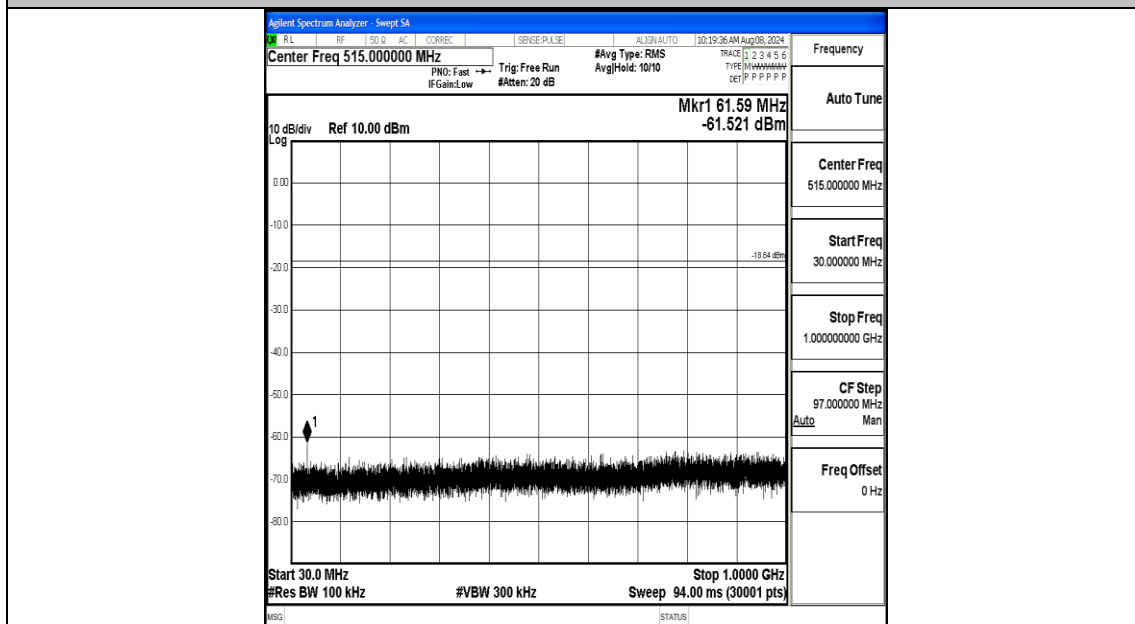




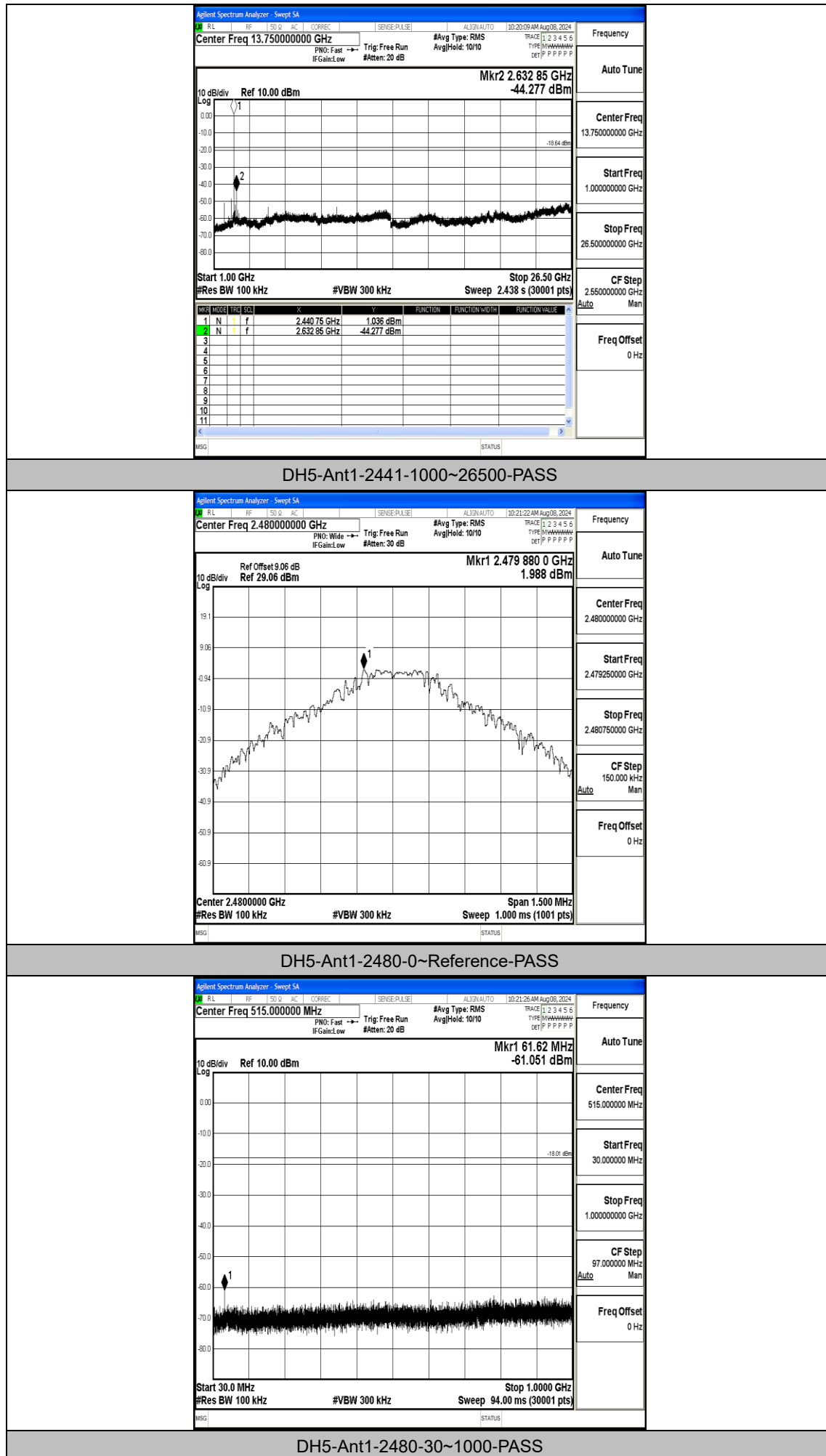
DH5-Ant1-2402-1000~26500-PASS

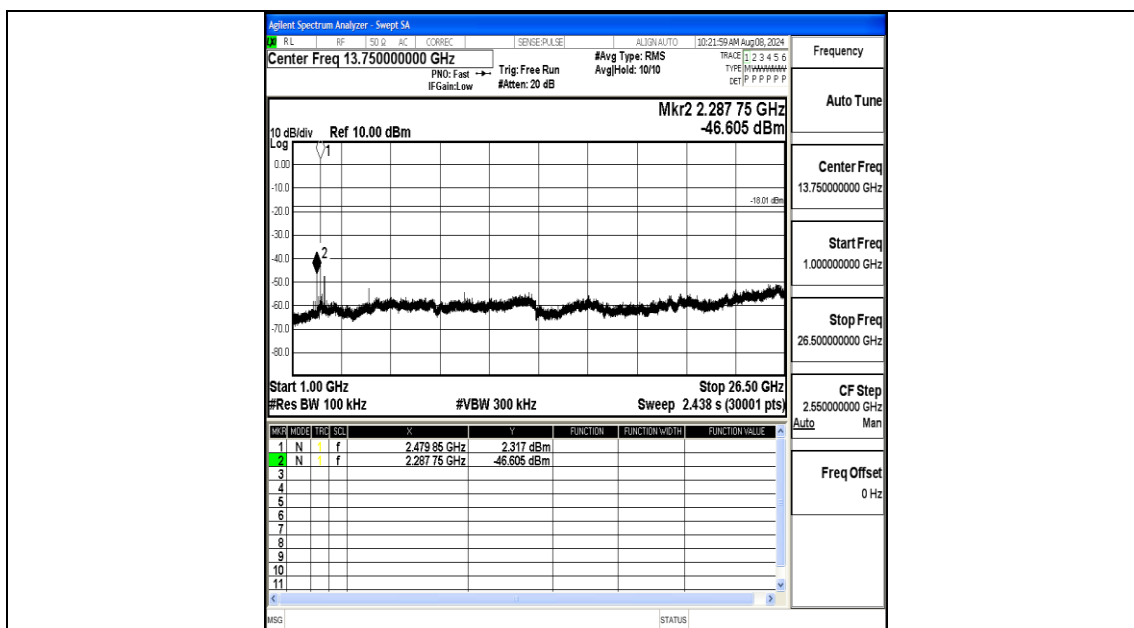


DH5-Ant1-2441-0~Reference-PASS

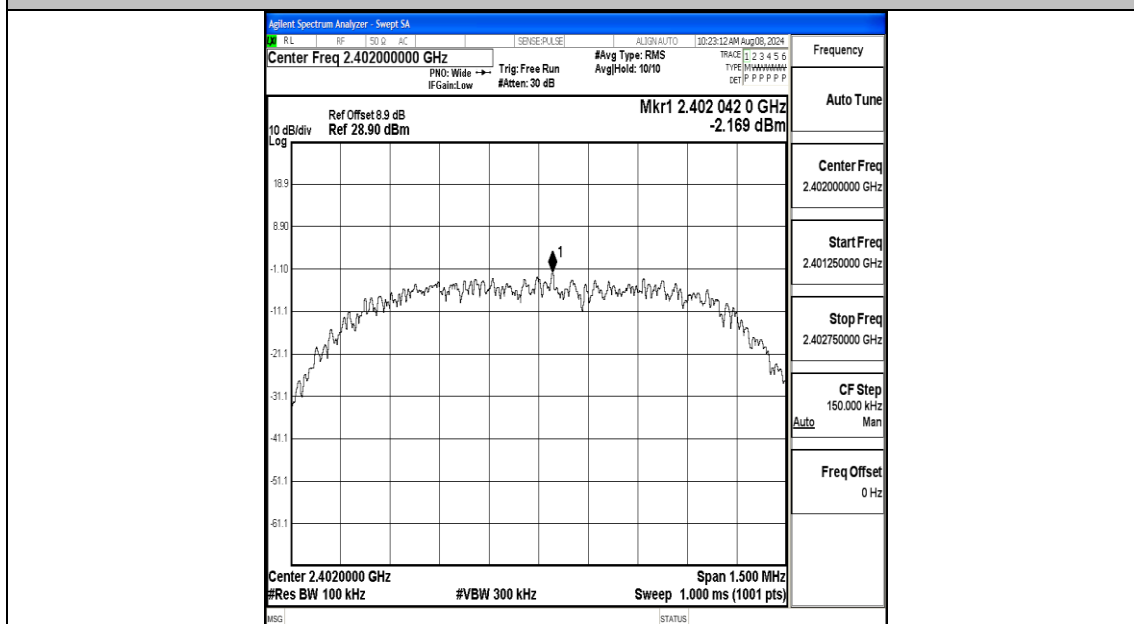


DH5-Ant1-2441-30~1000-PASS

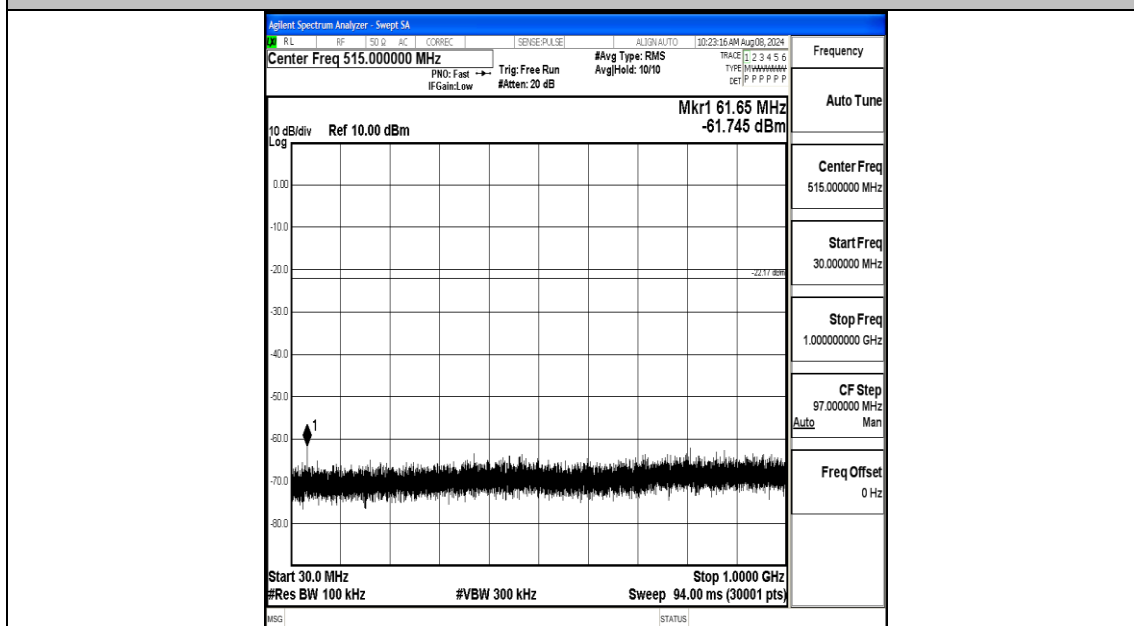




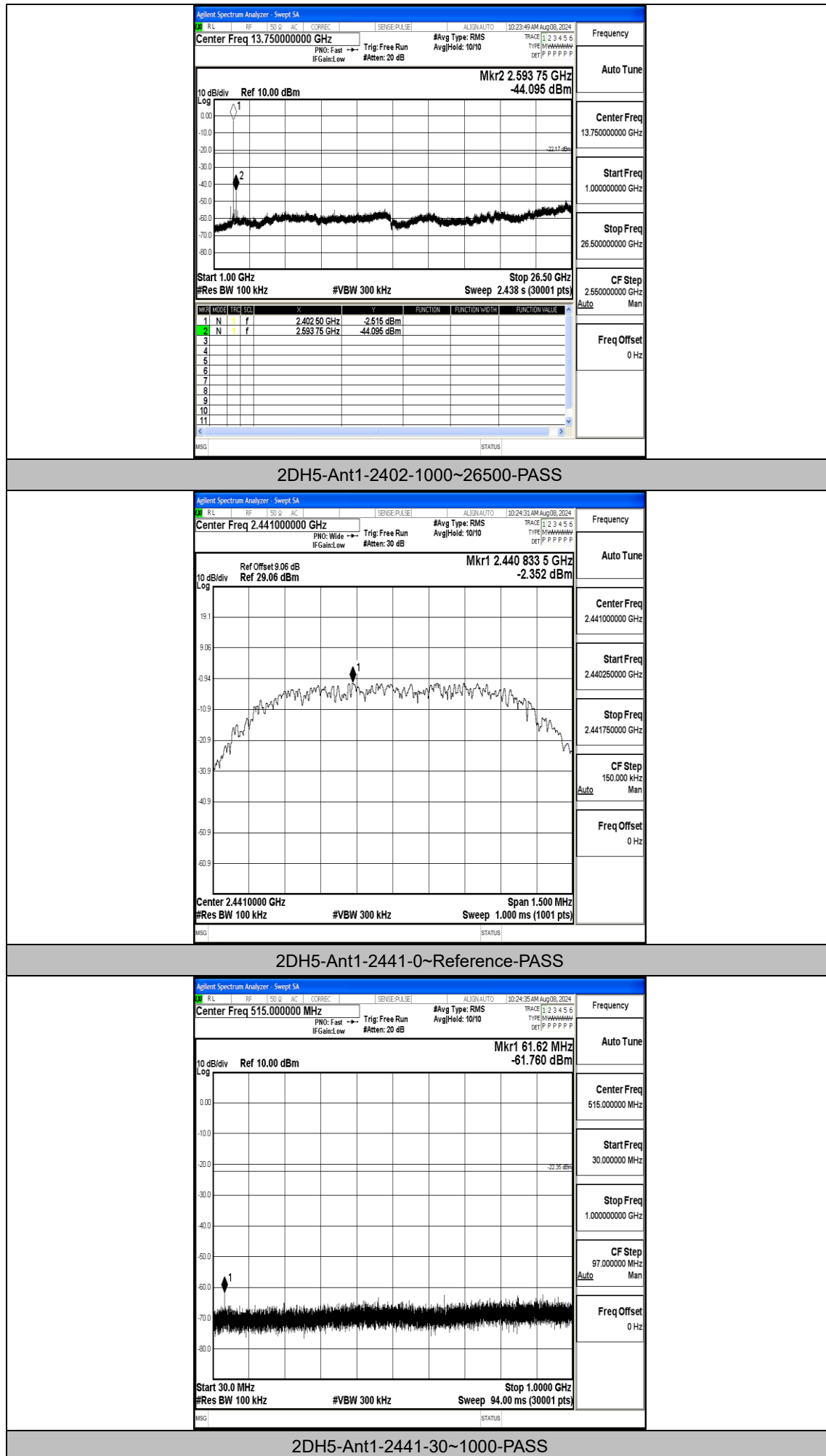
DH5-Ant1-2480-1000~26500-PASS

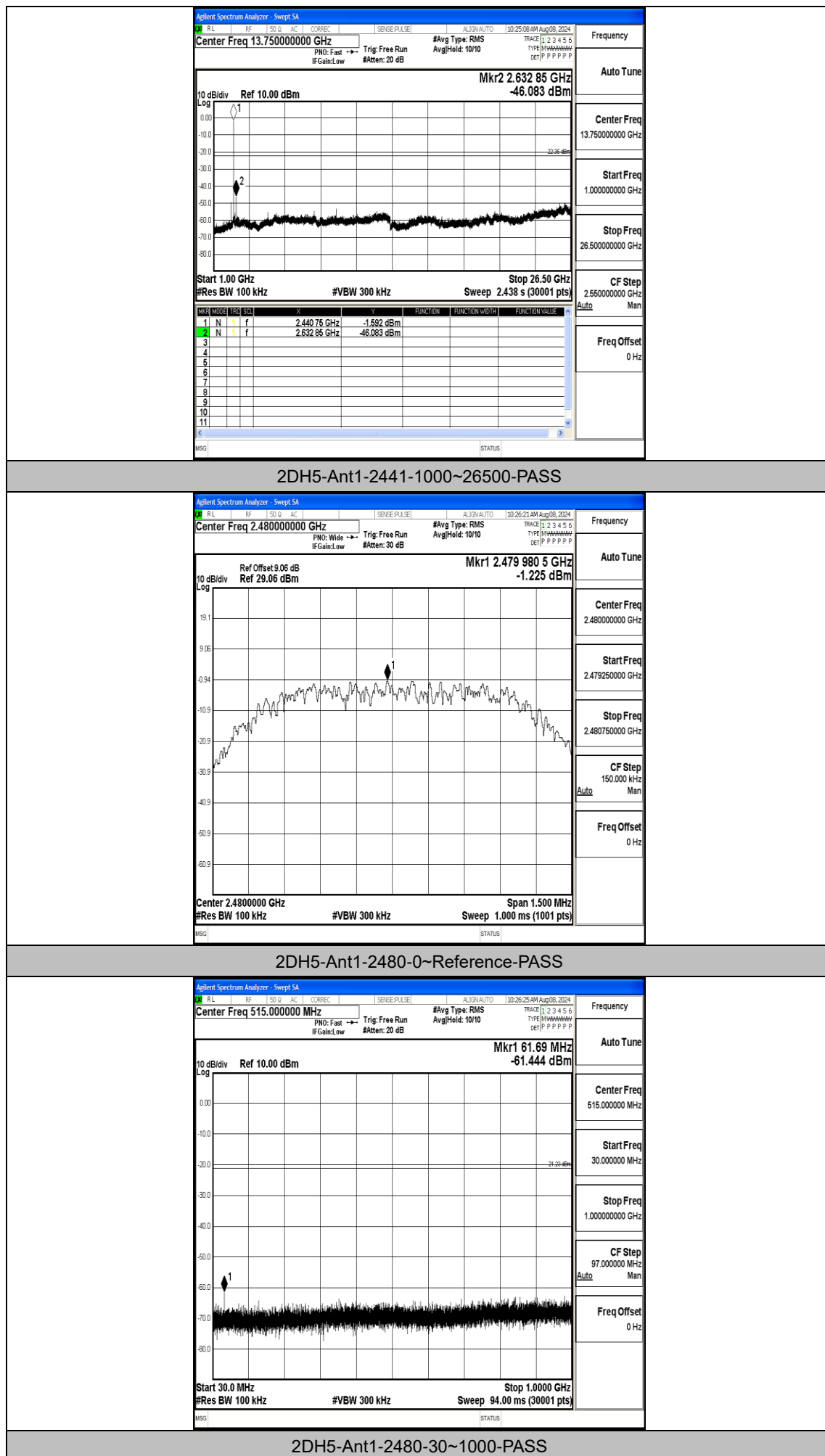


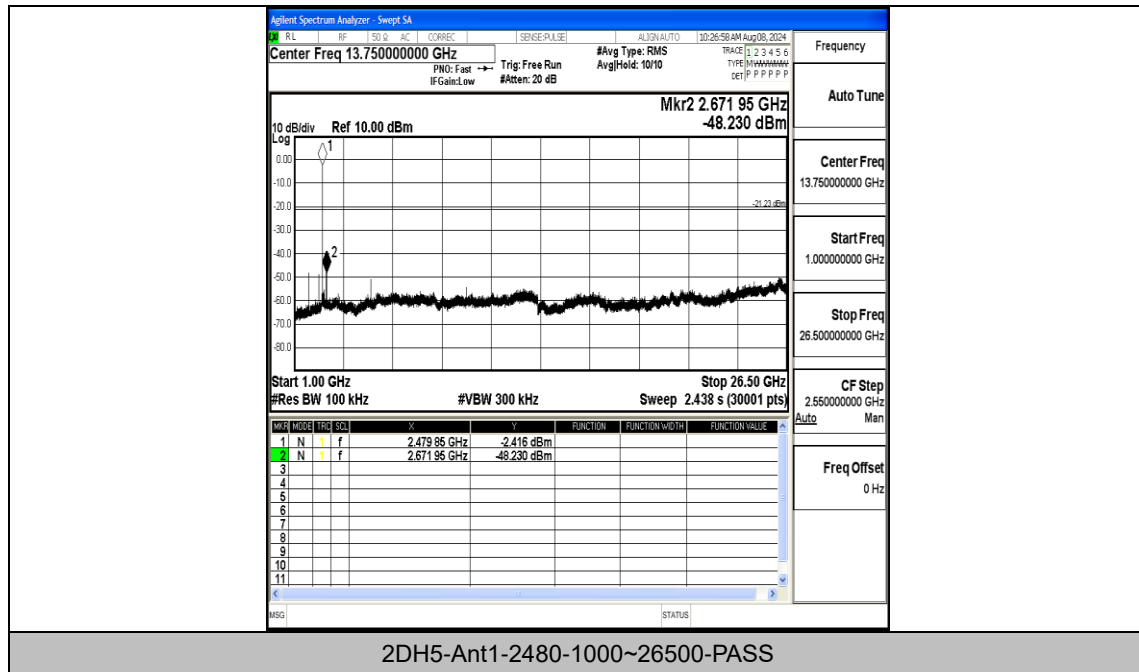
2DH5-Ant1-2402-0~Reference-PASS



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	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
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	2.90	3.76	77.13	1.13

Test Graphs

