

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

Product Name: SMART WATCH

Trade Mark: XINJI

Test Model: N/A

FCC ID: 2AE8V-G2PLUS

Environmental Conditions

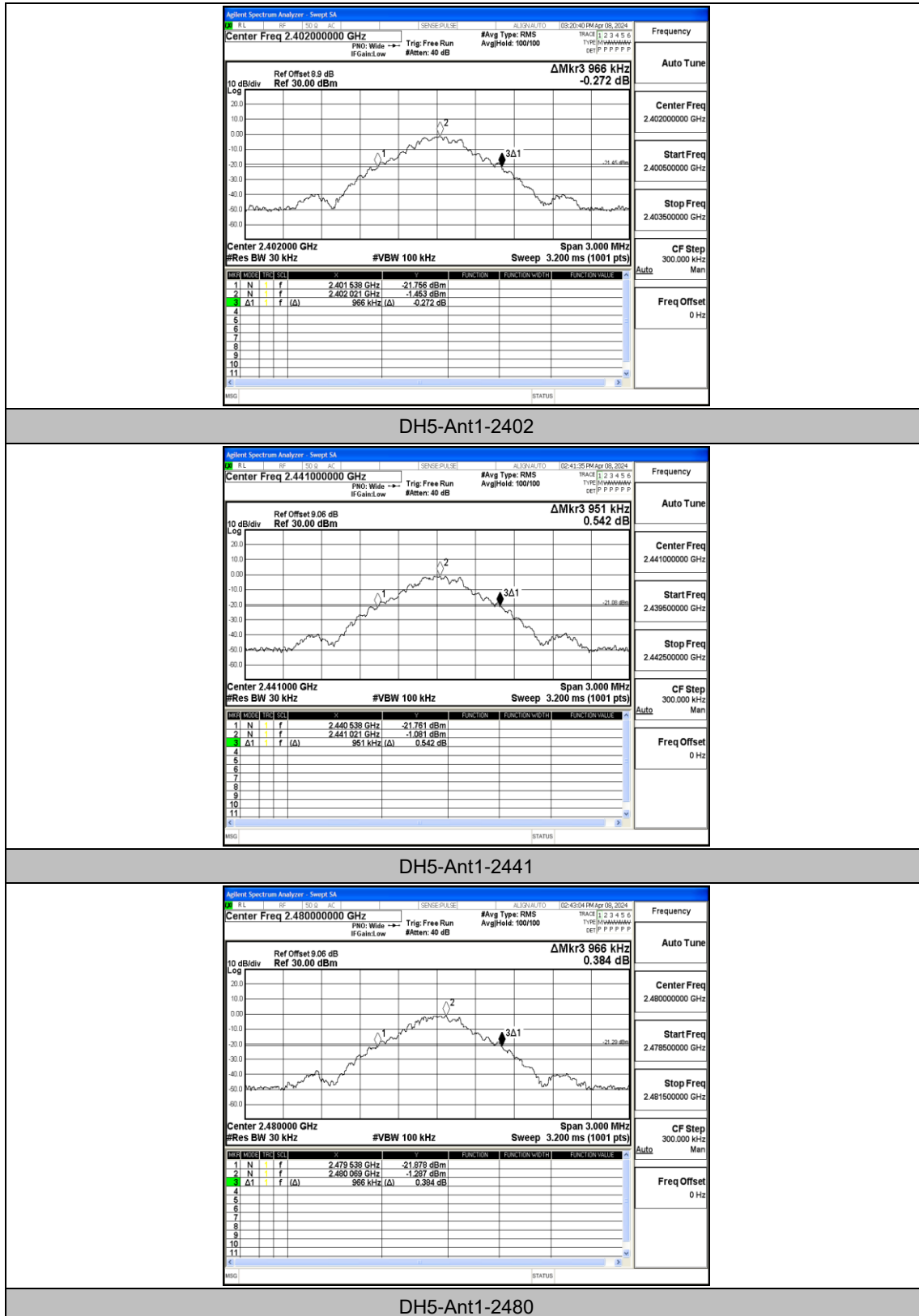
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

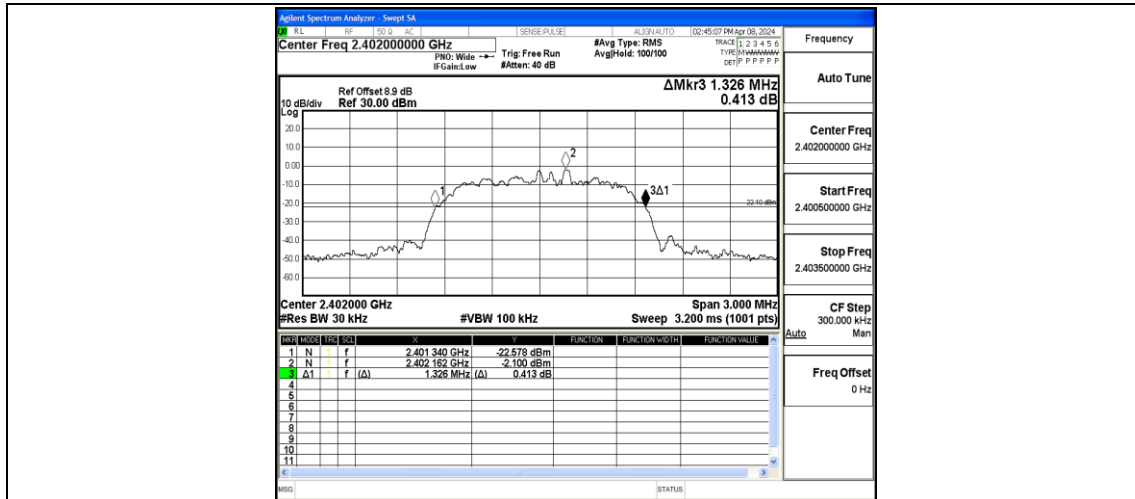
Appendix A: 20dB Emission Bandwidth

Test Result

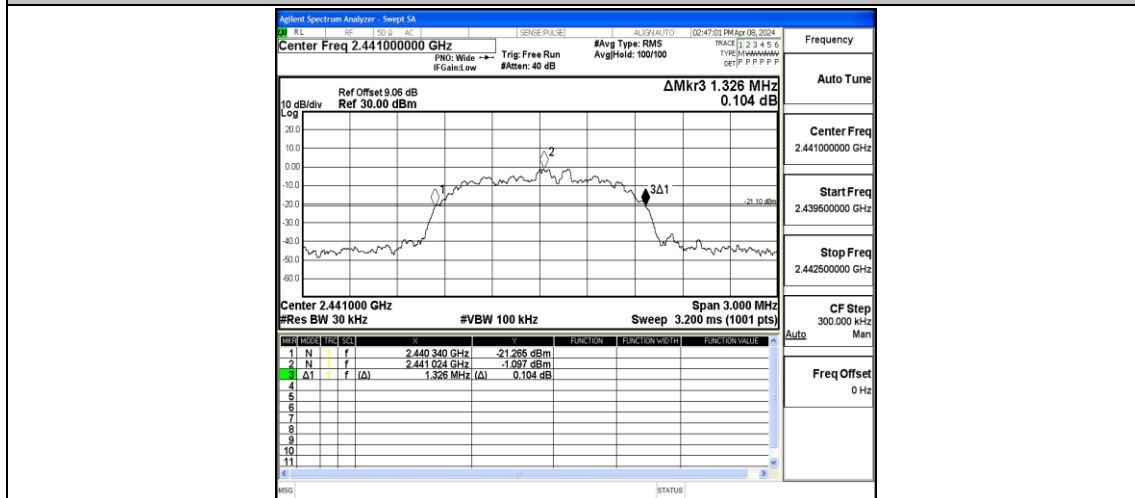
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.966	2401.538	2402.504	---	---
DH5	Ant1	2441	0.951	2440.538	2441.489	---	---
DH5	Ant1	2480	0.966	2479.538	2480.504	---	---
2DH5	Ant1	2402	1.326	2401.340	2402.666	---	---
2DH5	Ant1	2441	1.326	2440.340	2441.666	---	---
2DH5	Ant1	2480	1.317	2479.346	2480.663	---	---
3DH5	Ant1	2402	1.314	2401.355	2402.669	---	---
3DH5	Ant1	2441	1.302	2440.358	2441.660	---	---
3DH5	Ant1	2480	1.299	2479.361	2480.660	---	---

Test Graphs

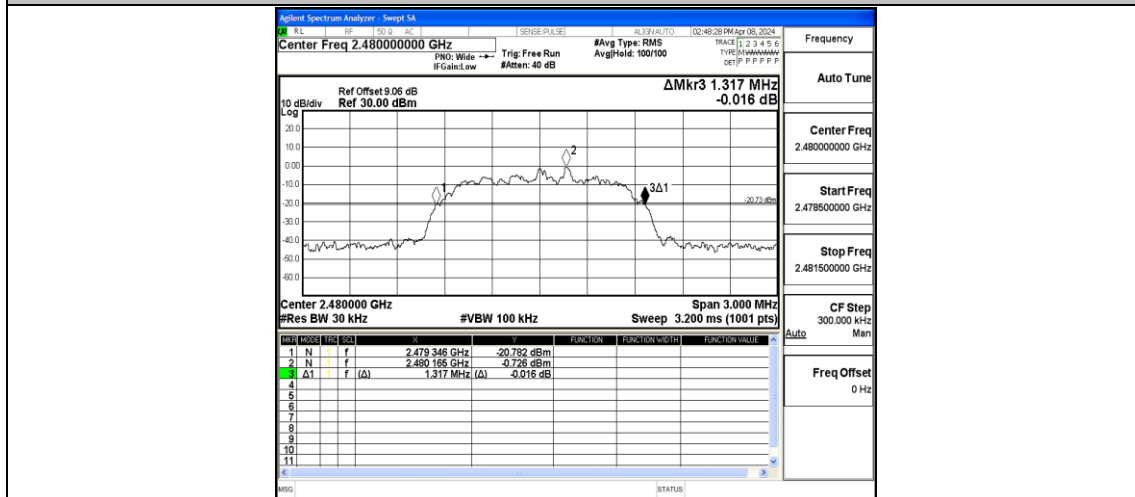




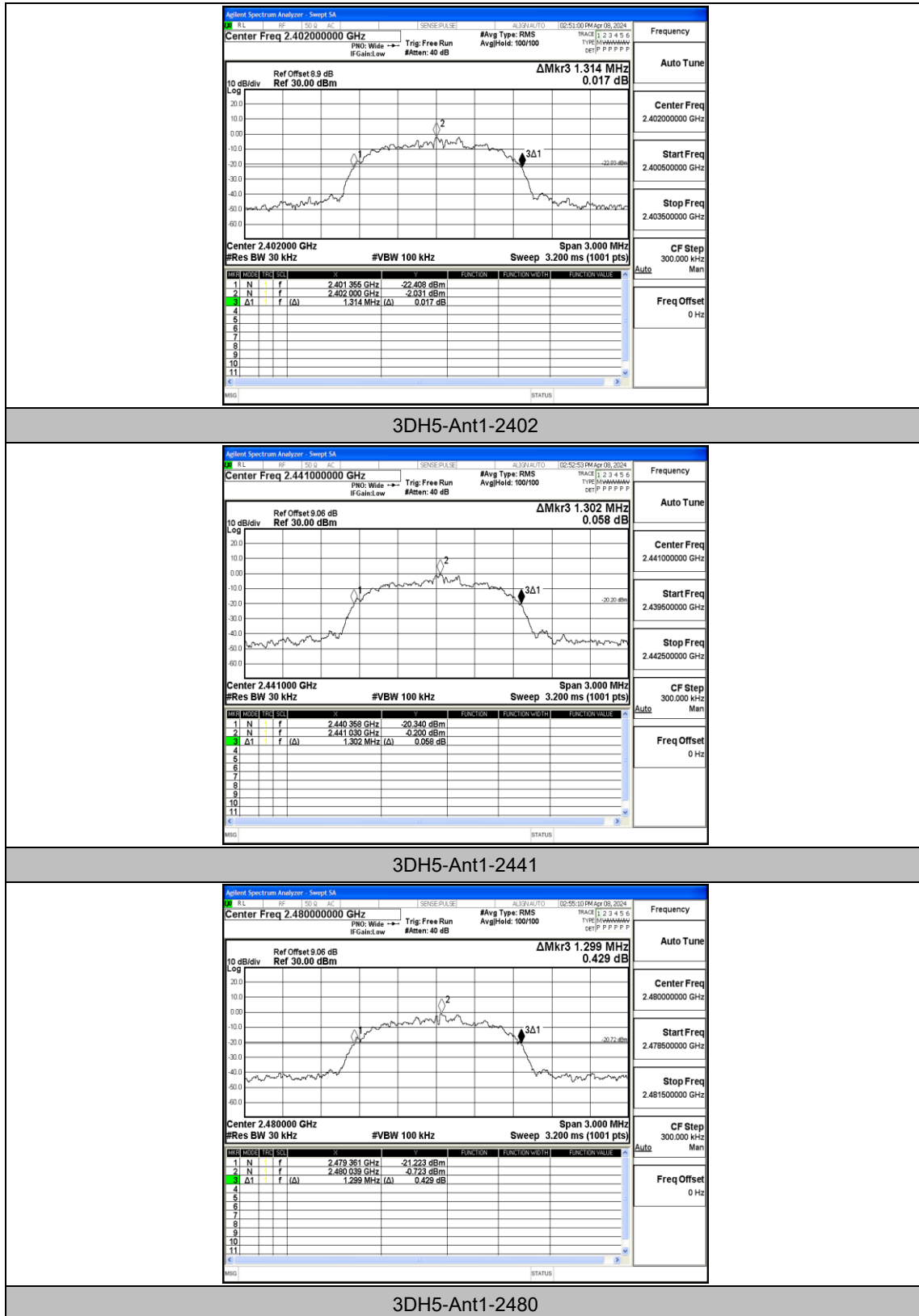
2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

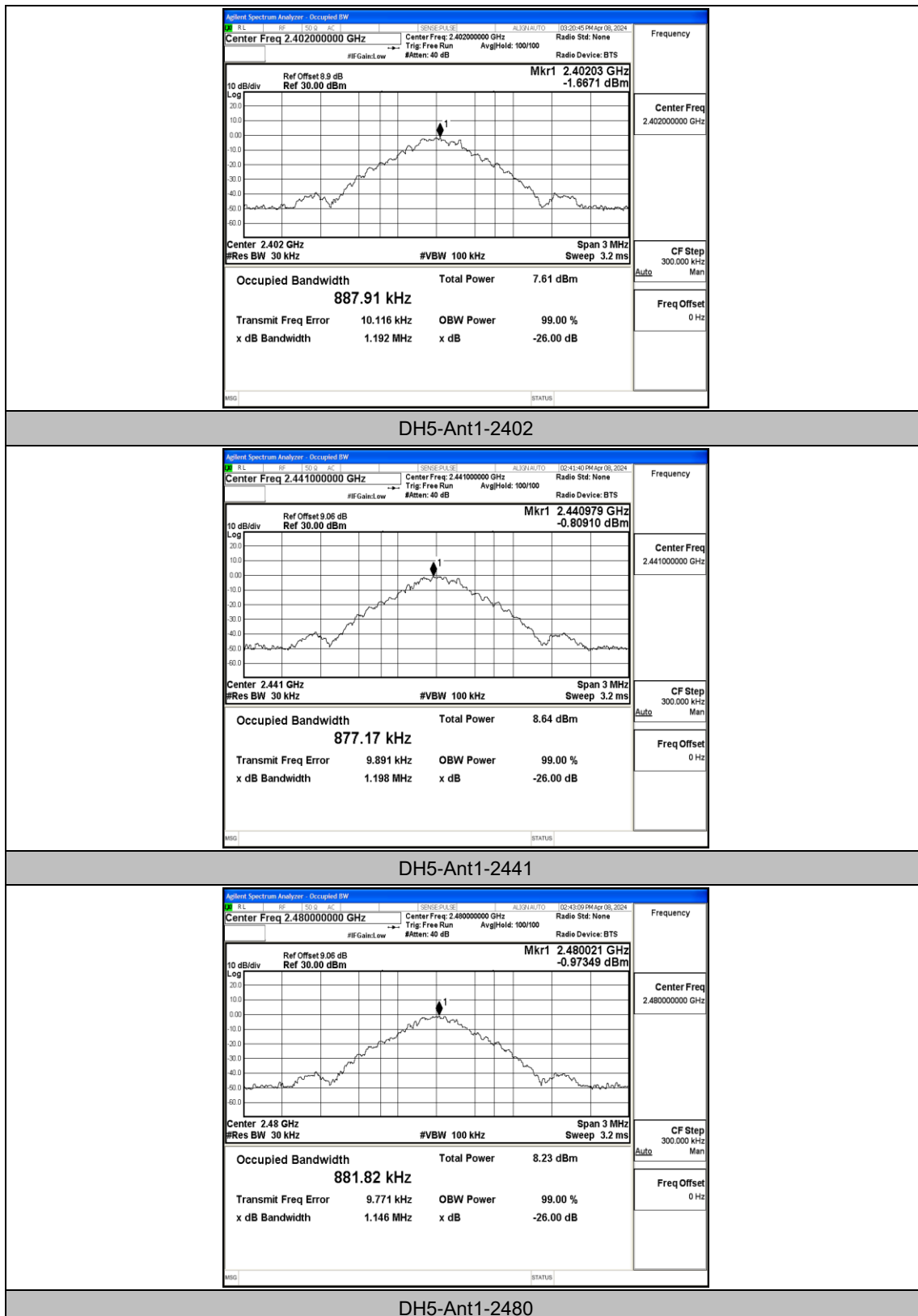


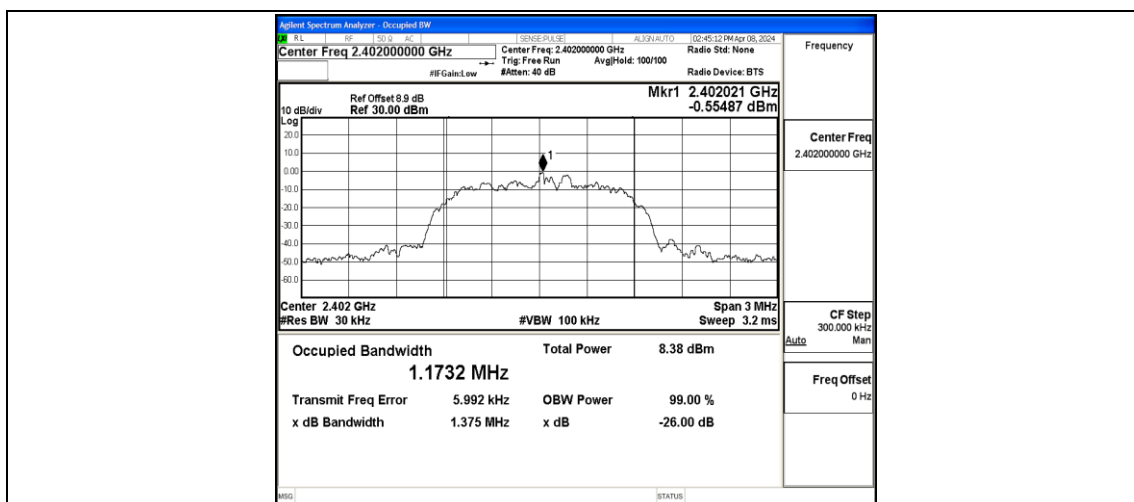
Appendix B: Occupied Channel Bandwidth

Test Result

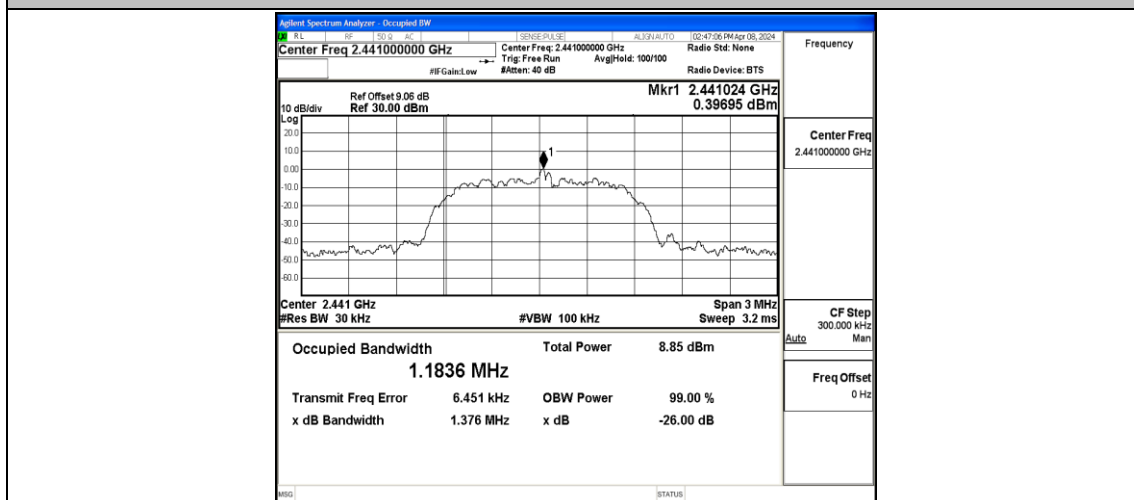
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88791	2401.5662	2402.4541	---	---
DH5	Ant1	2441	0.87717	2440.5713	2441.4485	---	---
DH5	Ant1	2480	0.88182	2479.5689	2480.4507	---	---
2DH5	Ant1	2402	1.1732	2401.4194	2402.5926	---	---
2DH5	Ant1	2441	1.1836	2440.4147	2441.5983	---	---
2DH5	Ant1	2480	1.1764	2479.4169	2480.5933	---	---
3DH5	Ant1	2402	1.1824	2401.4212	2402.6036	---	---
3DH5	Ant1	2441	1.1936	2440.4070	2441.6006	---	---
3DH5	Ant1	2480	1.1814	2479.4160	2480.5974	---	---

Test Graphs

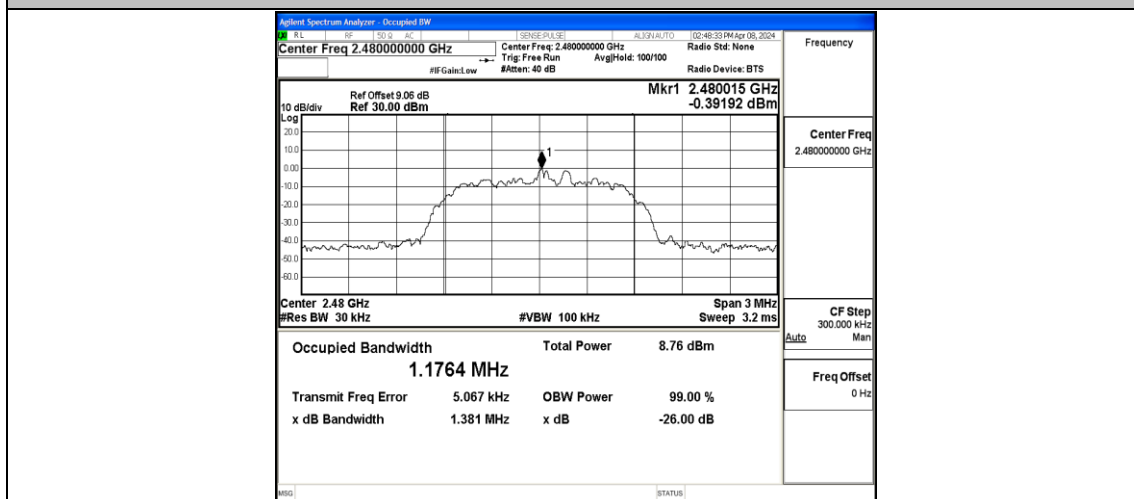




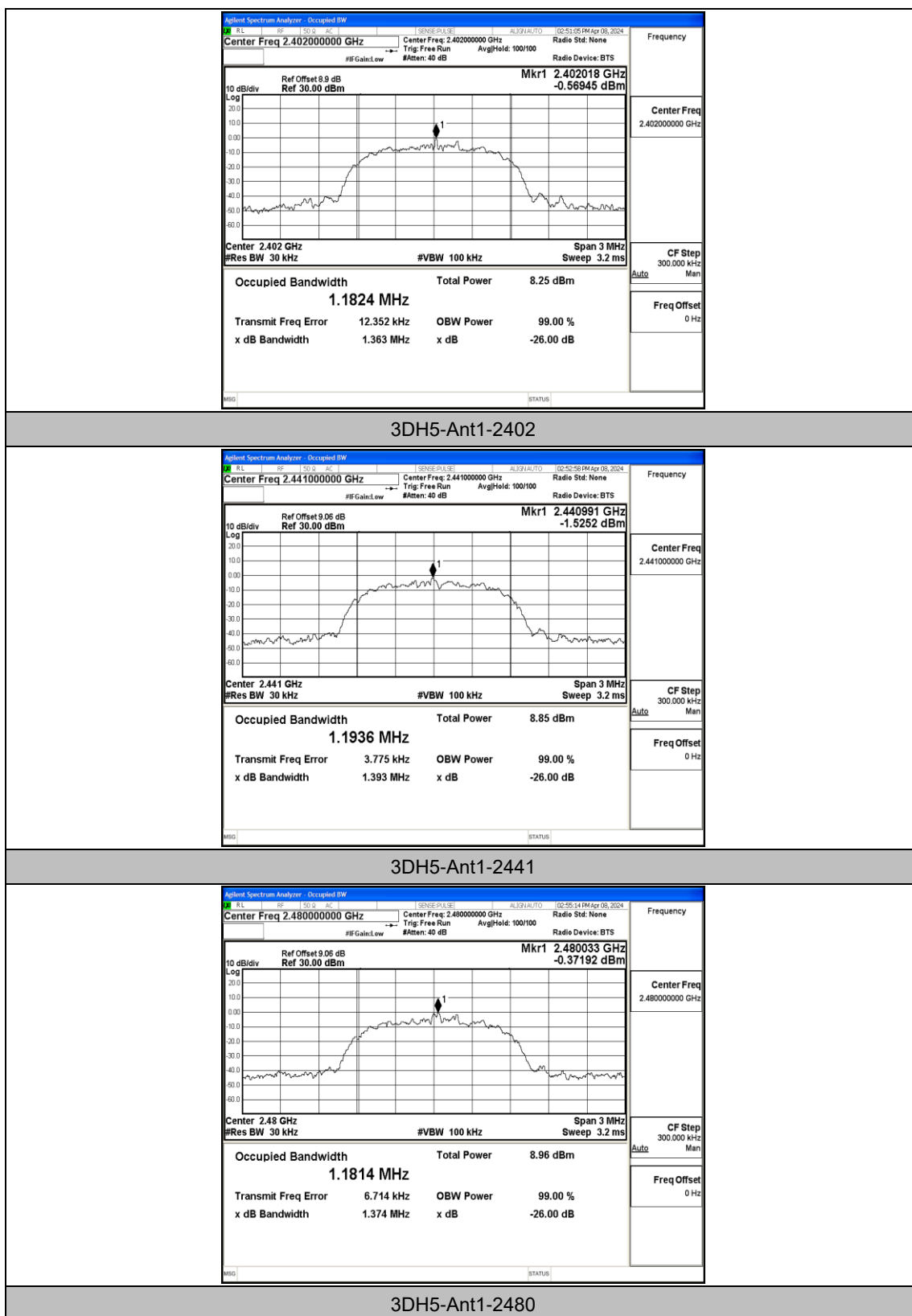
2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

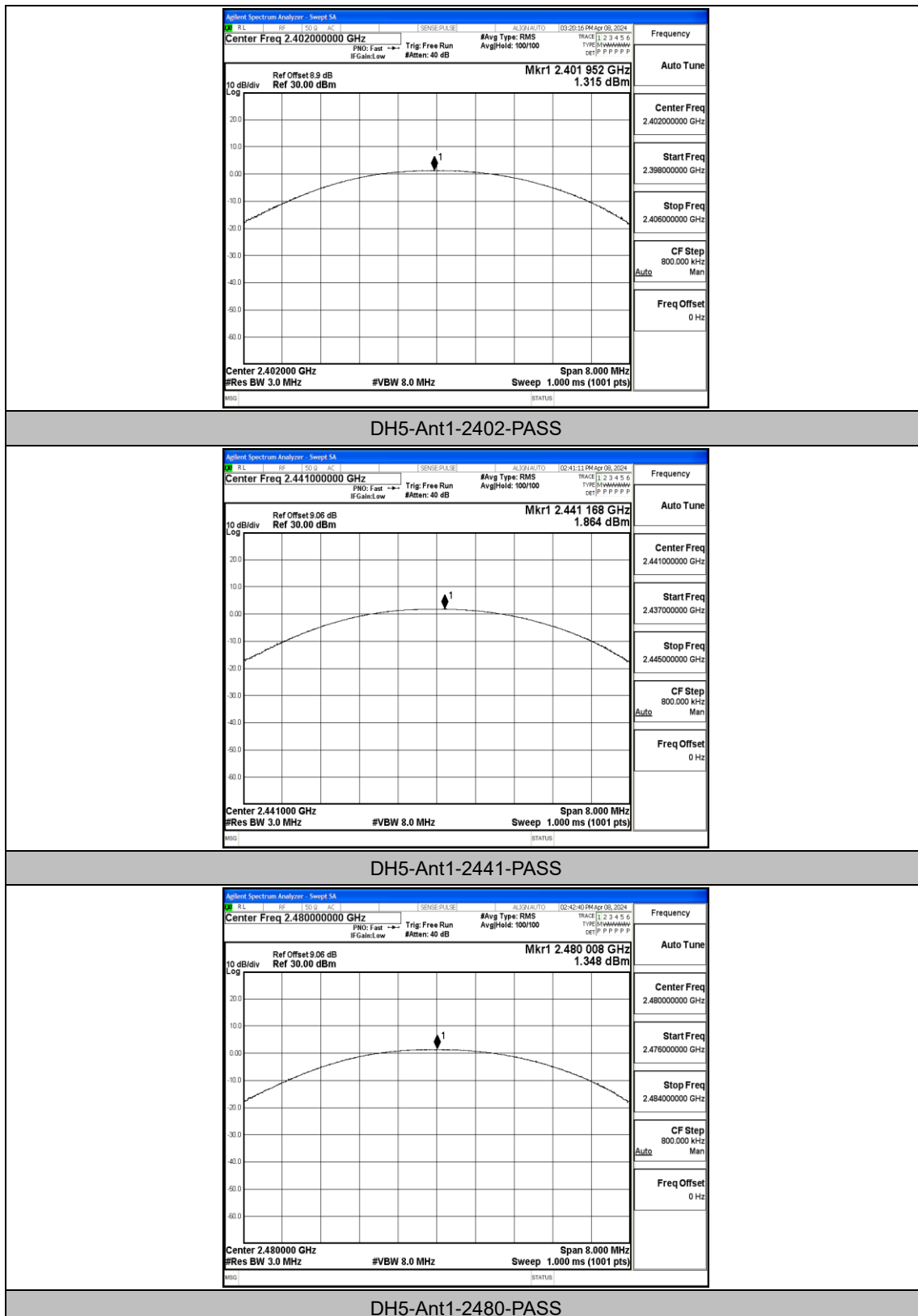


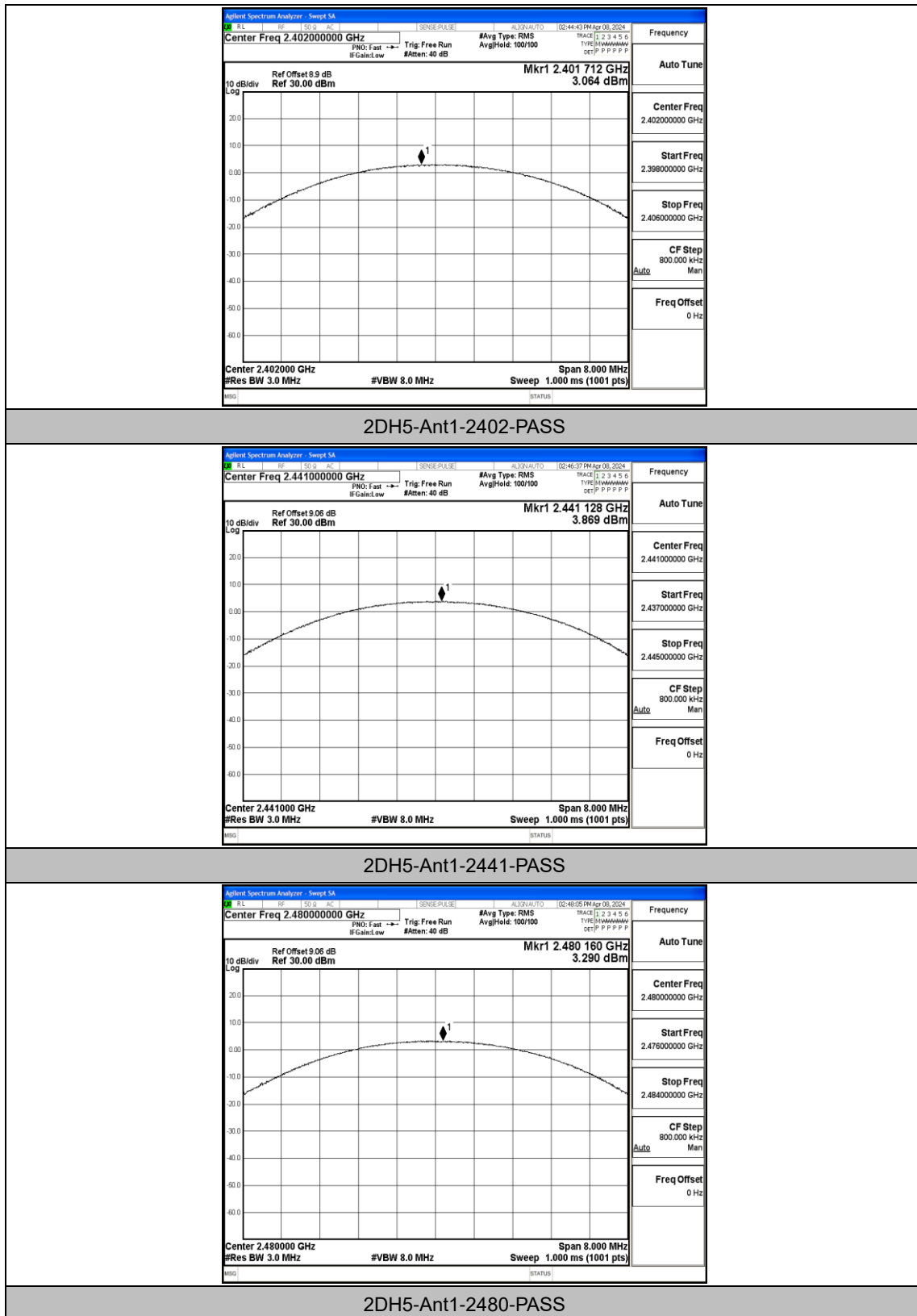
Appendix C: Maximum peak conducted output power

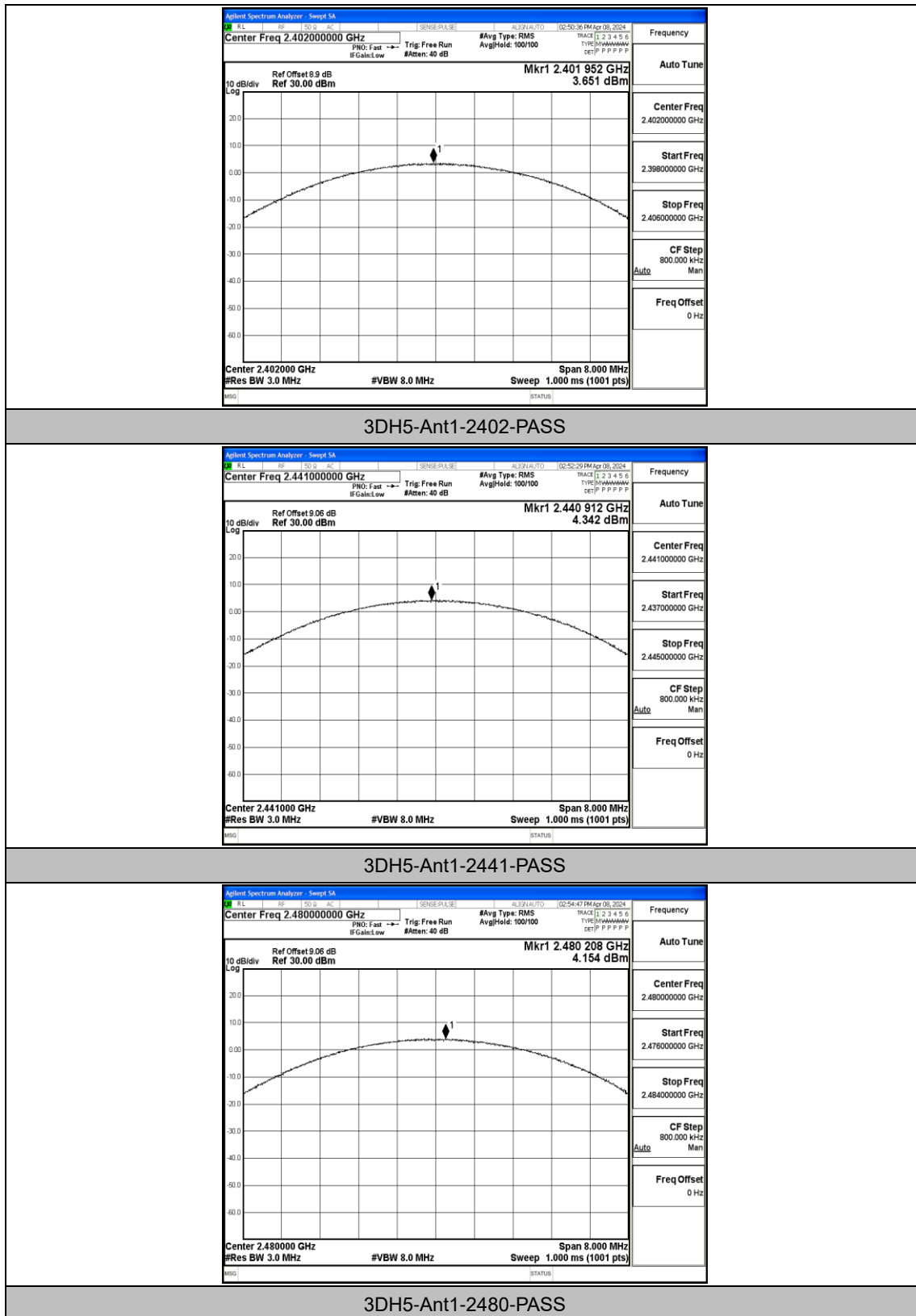
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.32	≤30	PASS
DH5	Ant1	2441	1.86	≤30	PASS
DH5	Ant1	2480	1.35	≤30	PASS
2DH5	Ant1	2402	3.06	≤30	PASS
2DH5	Ant1	2441	3.87	≤20.97	PASS
2DH5	Ant1	2480	3.29	≤20.97	PASS
3DH5	Ant1	2402	3.65	≤20.97	PASS
3DH5	Ant1	2441	4.34	≤20.97	PASS
3DH5	Ant1	2480	4.15	≤20.97	PASS

Test Graphs





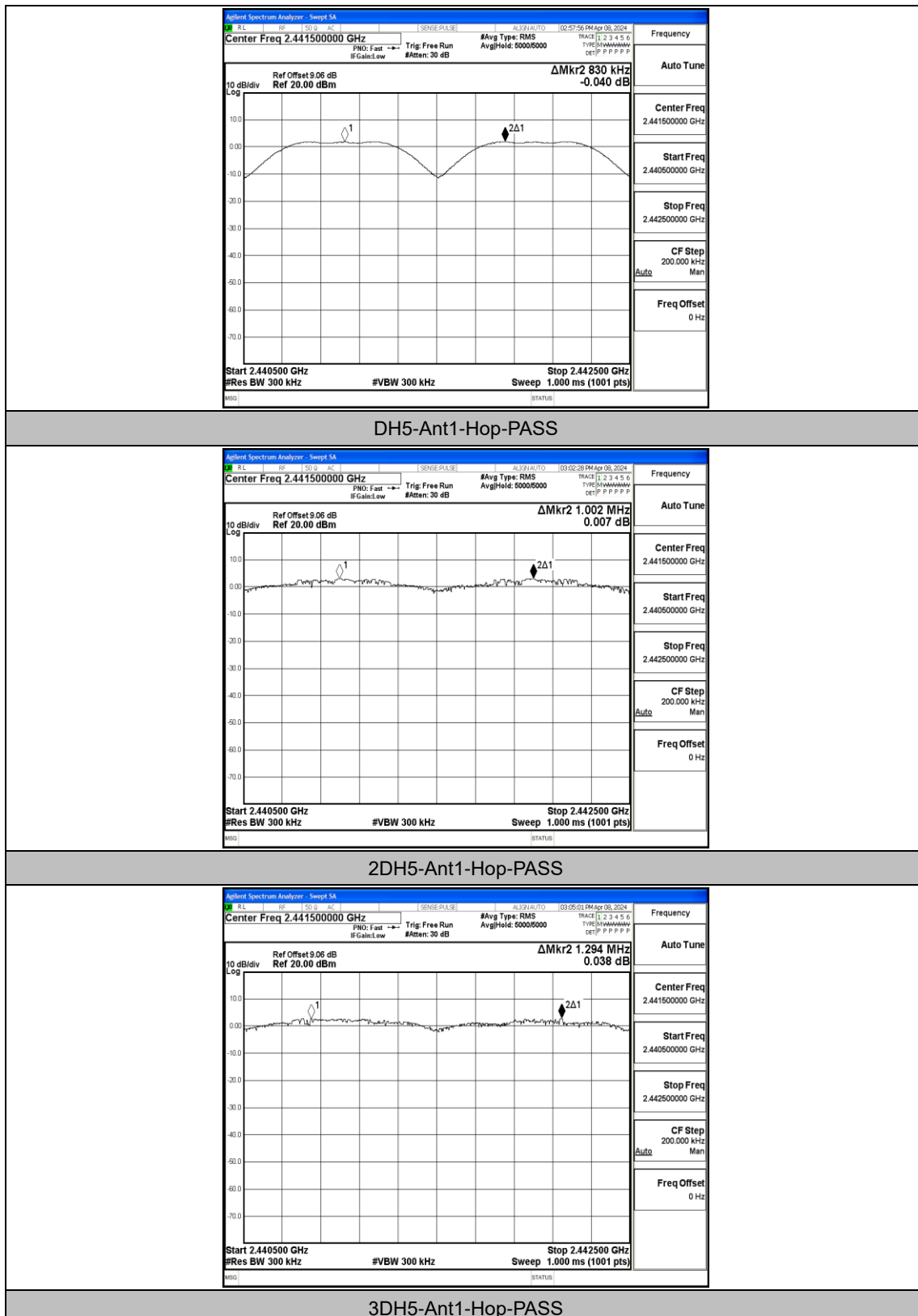


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.83	≥ 0.644	PASS
2DH5	Ant1	Hop	1.002	≥ 0.884	PASS
3DH5	Ant1	Hop	1.294	≥ 0.876	PASS

Test Graphs

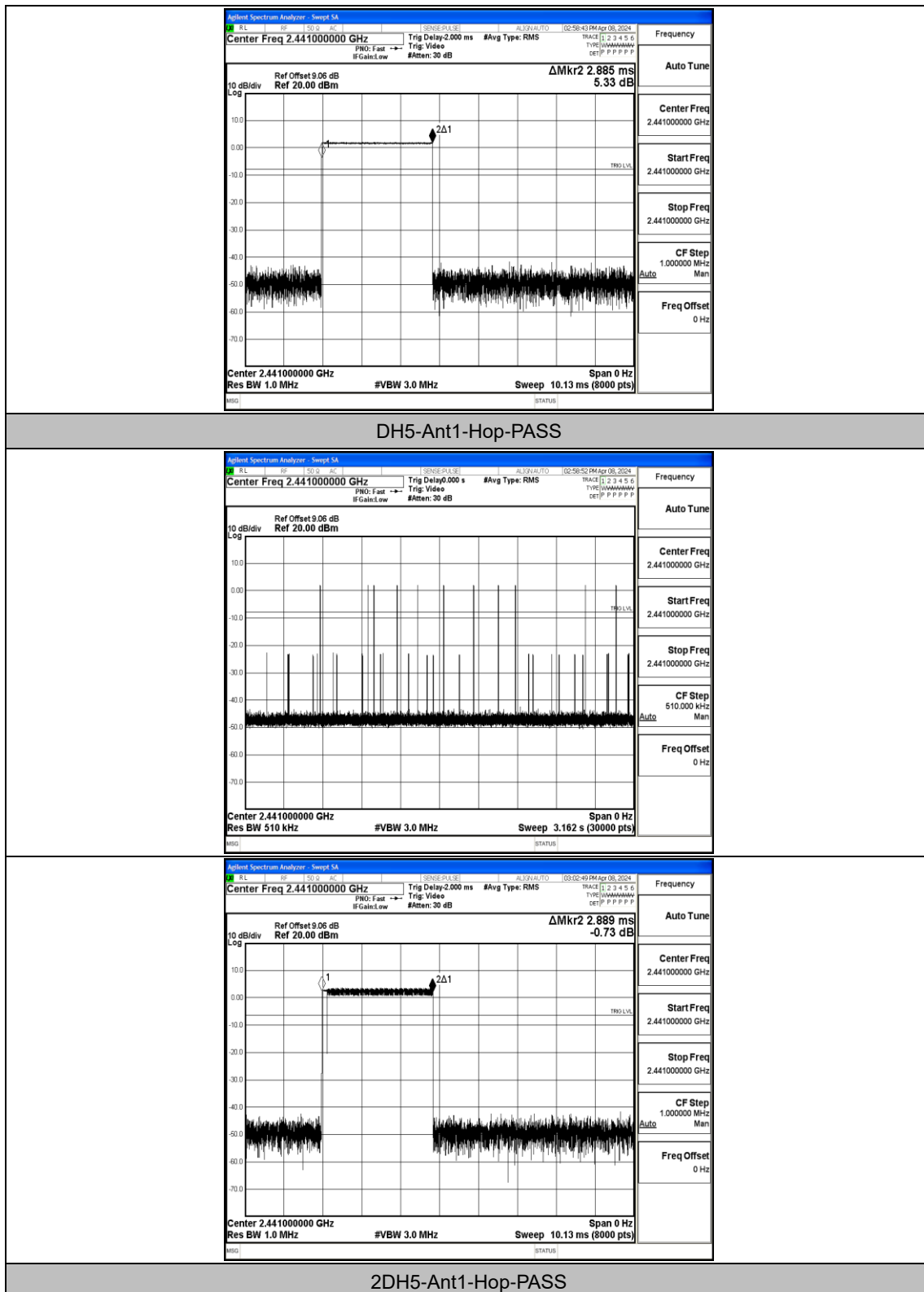


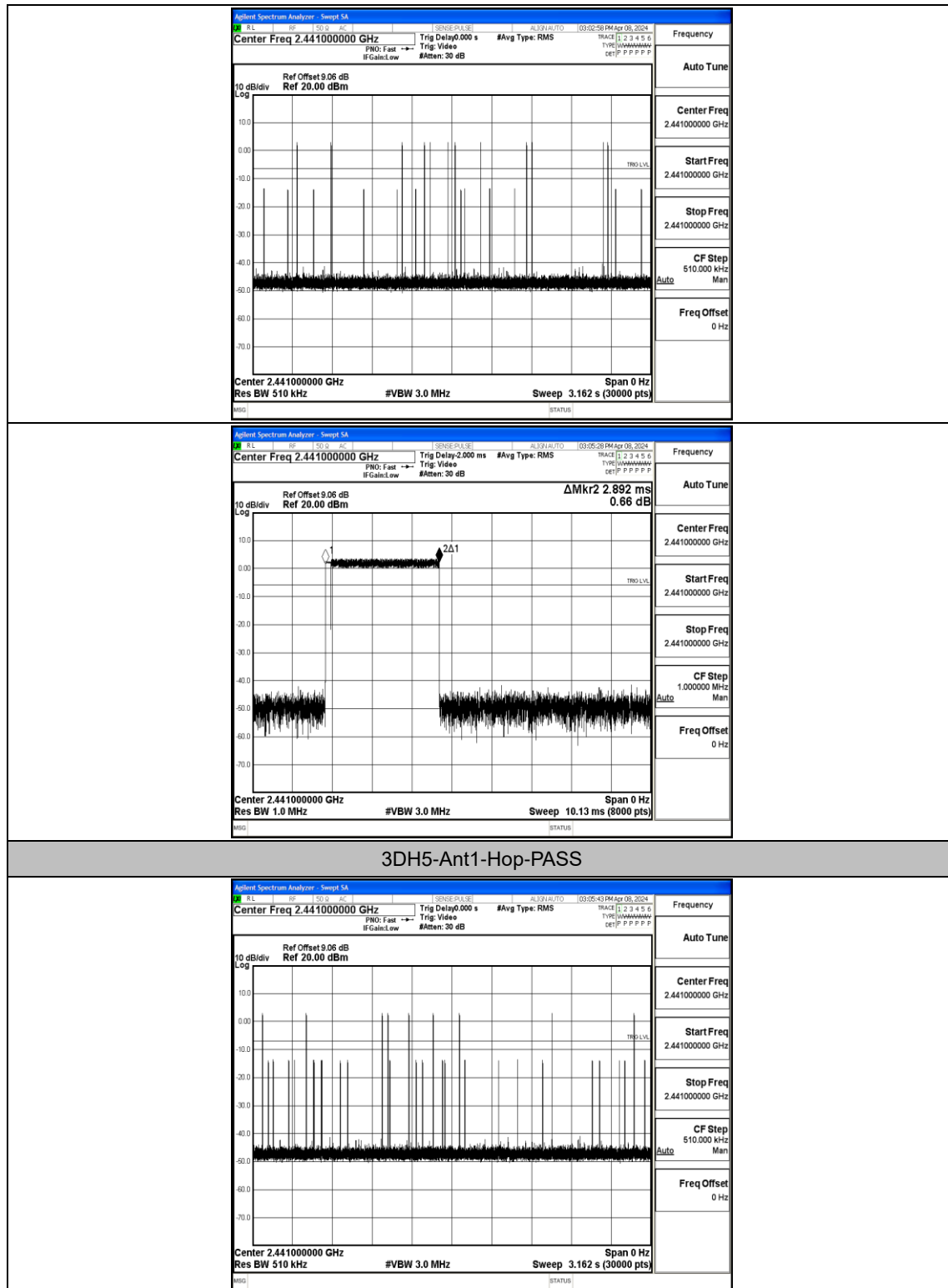
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	120	0.346	≤0.4	PASS
2DH5	Ant1	Hop	2.889	130	0.376	≤0.4	PASS
3DH5	Ant1	Hop	2.892	100	0.289	≤0.4	PASS

Test Graphs



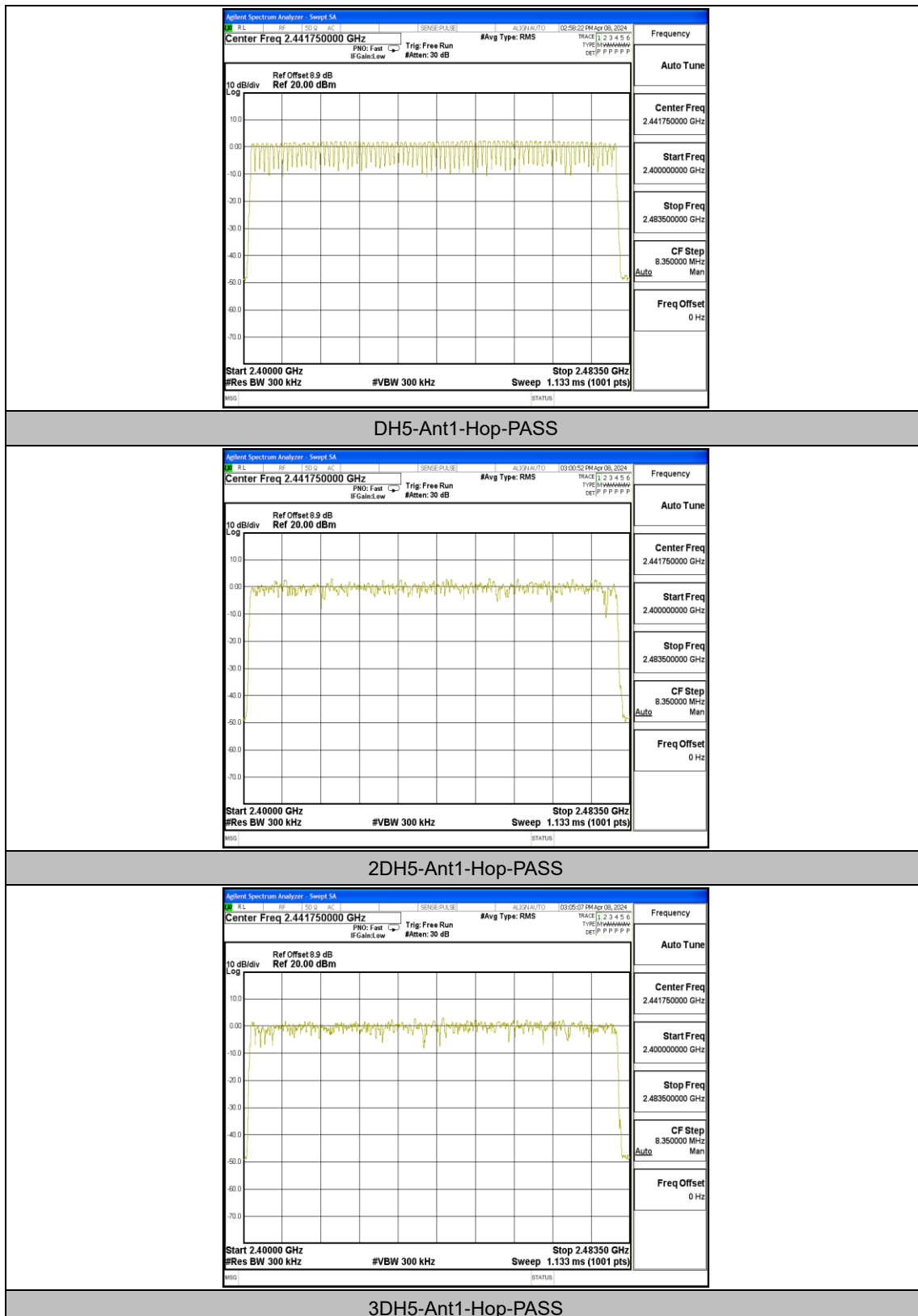


Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

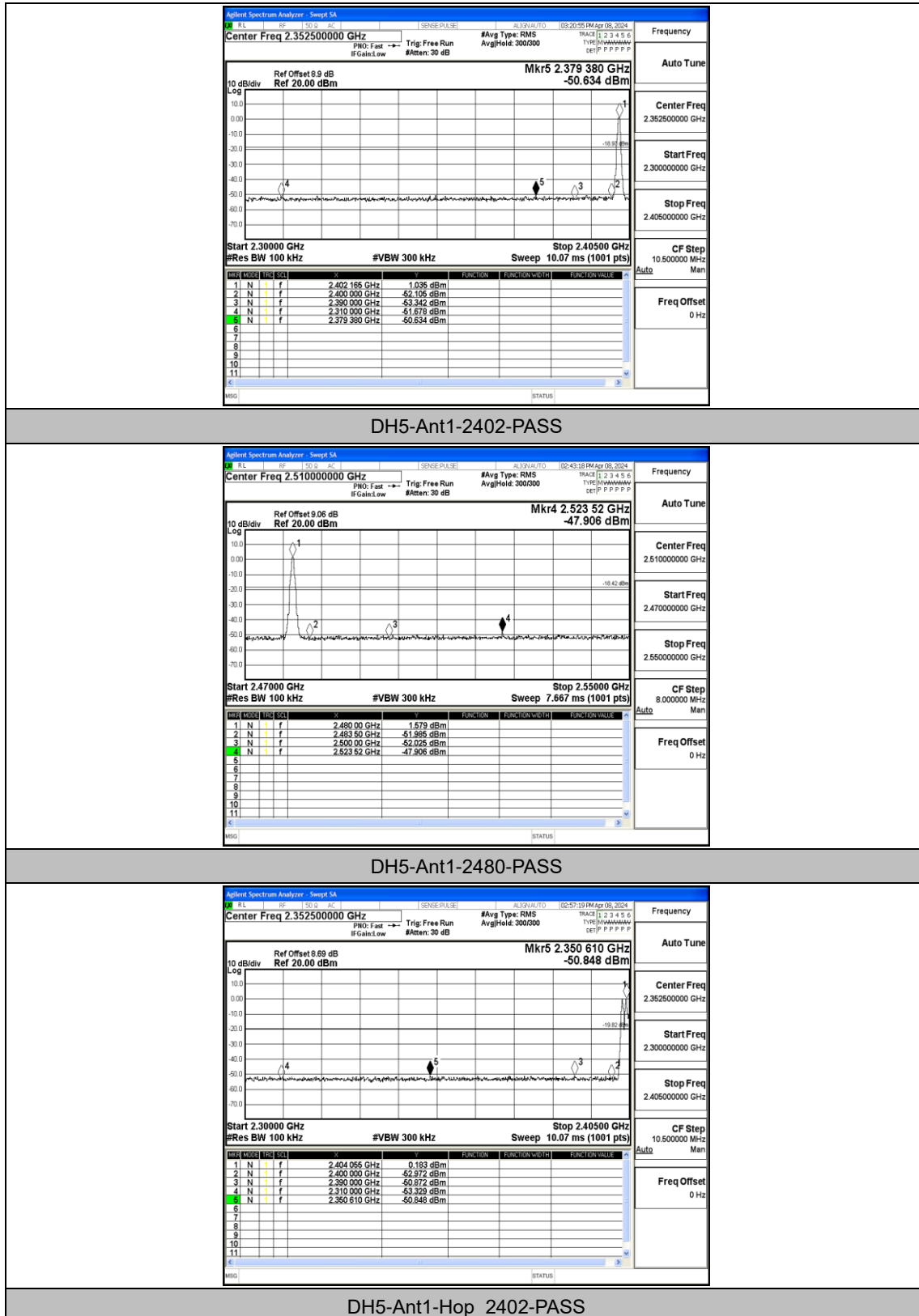


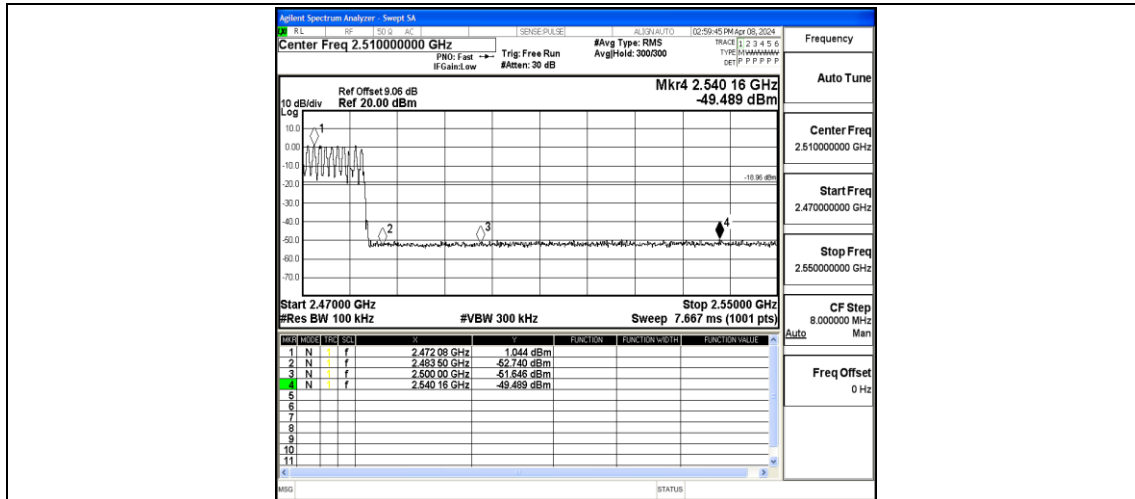
Appendix G: Band edge measurements

Test Result

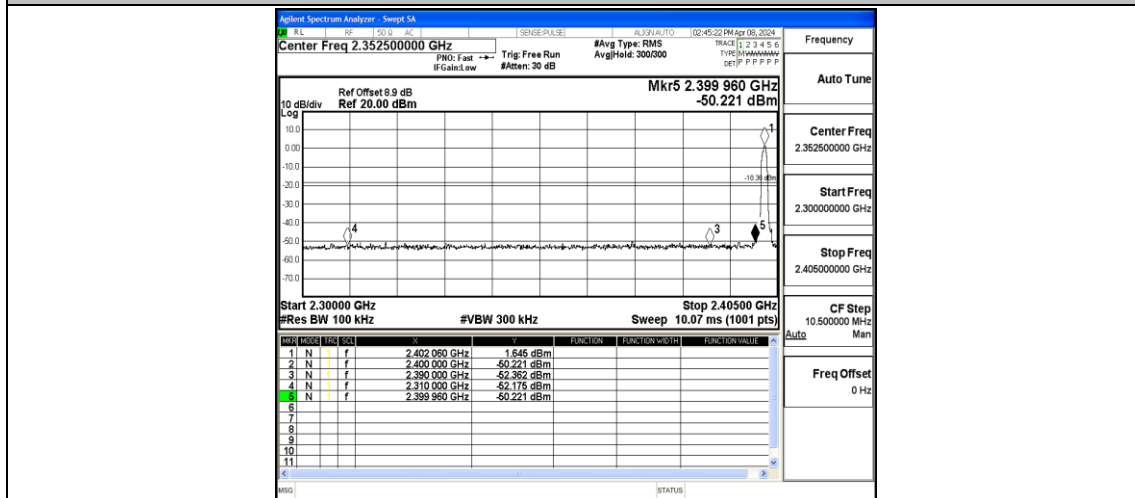
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.04	-50.63	≤-18.97	PASS
DH5	Ant1	High	2480	1.58	-47.91	≤-18.42	PASS
DH5	Ant1	Low	Hop_2402	0.18	-50.85	≤-19.82	PASS
DH5	Ant1	High	Hop_2480	1.04	-49.49	≤-18.96	PASS
2DH5	Ant1	Low	2402	1.65	-50.22	≤-18.36	PASS
2DH5	Ant1	High	2480	2.23	-49.56	≤-17.77	PASS
2DH5	Ant1	Low	Hop_2402	1.85	-50.97	≤-18.15	PASS
2DH5	Ant1	High	Hop_2480	0.51	-49.47	≤-19.49	PASS
3DH5	Ant1	Low	2402	1.91	-49.8	≤-18.09	PASS
3DH5	Ant1	High	2480	2.15	-49.33	≤-17.85	PASS
3DH5	Ant1	Low	Hop_2402	0.33	-50.24	≤-19.67	PASS
3DH5	Ant1	High	Hop_2480	2.35	-48.54	≤-17.65	PASS

Test Graphs

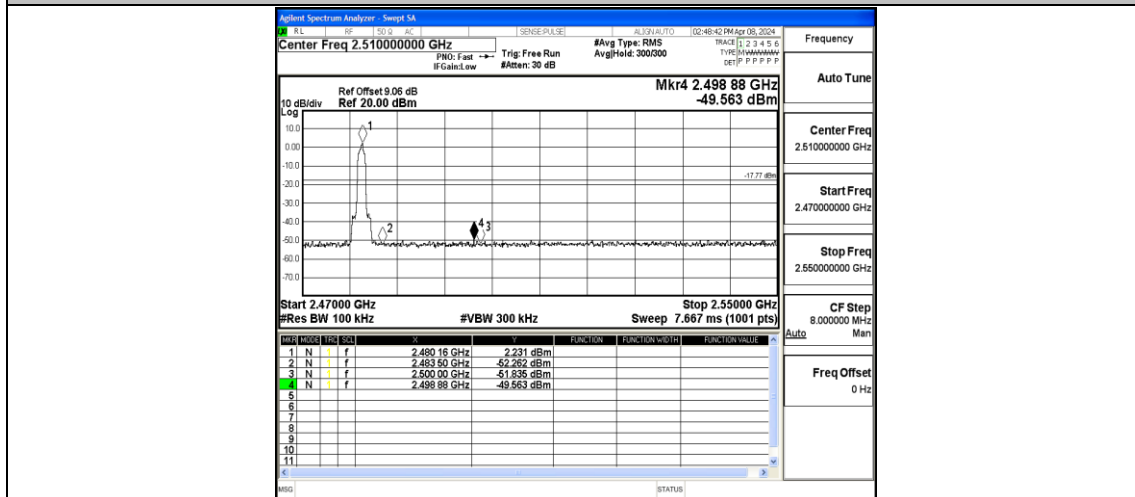




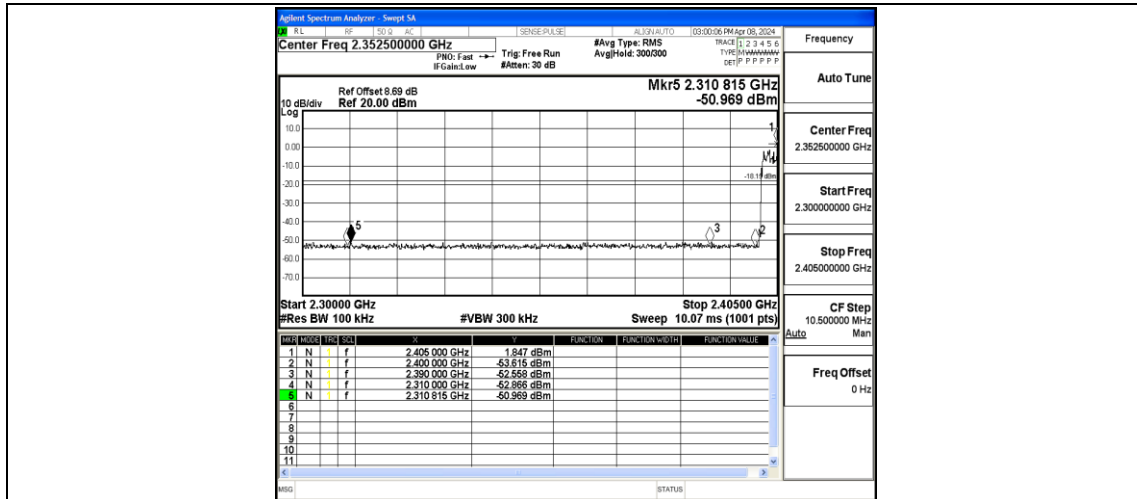
DH5-Ant1-Hop_2480-PASS



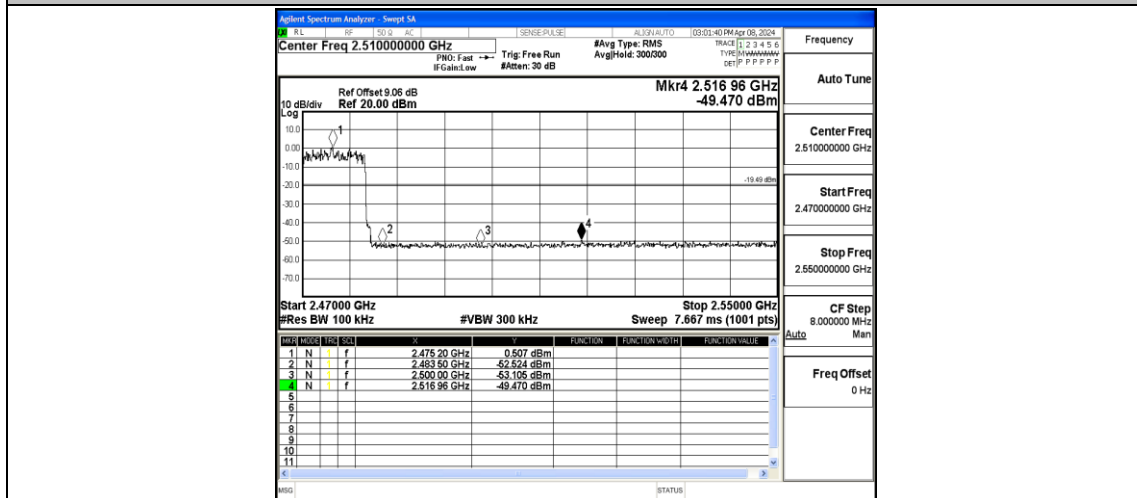
2DH5-Ant1-2402-PASS



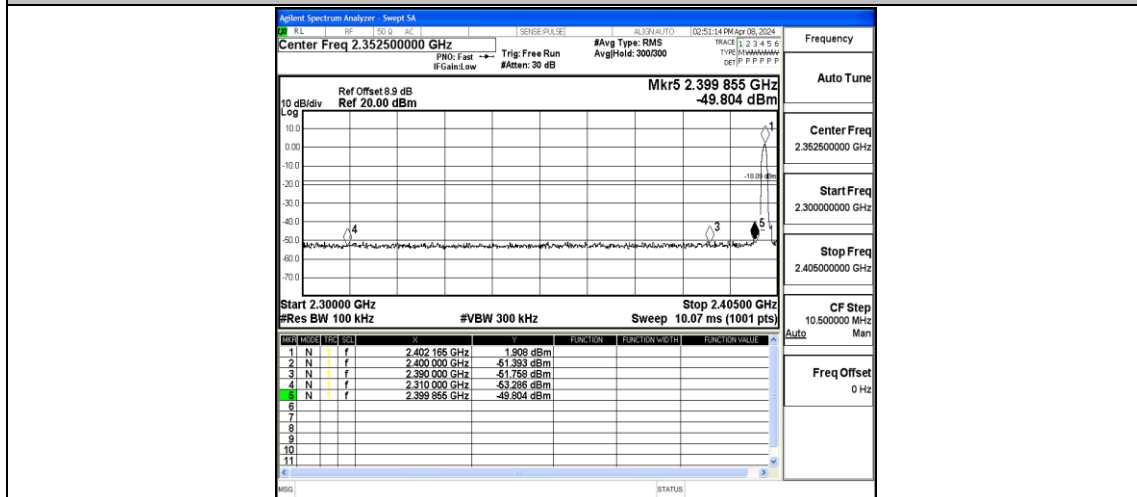
2DH5-Ant1-2480-PASS



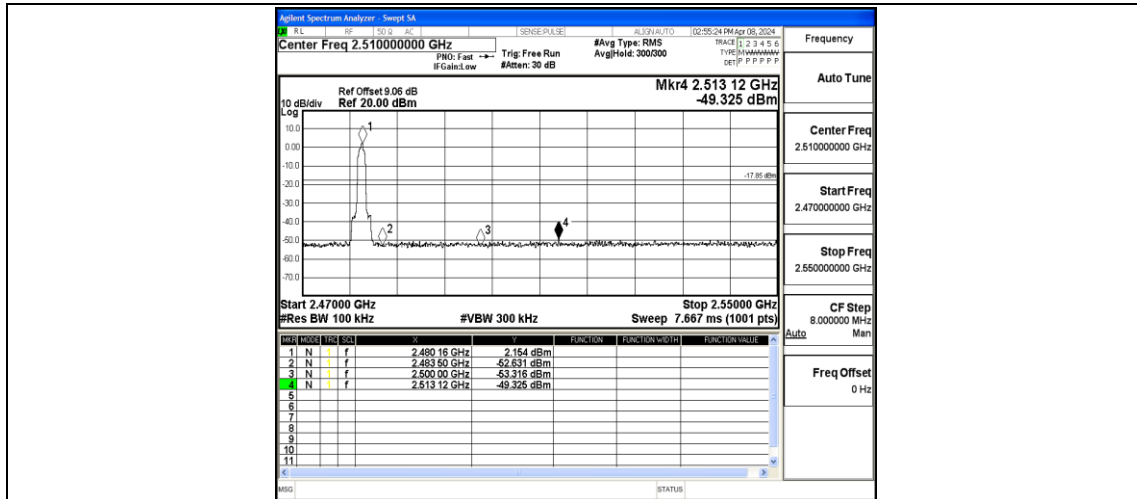
2DH5-Ant1-Hop_2402-PASS



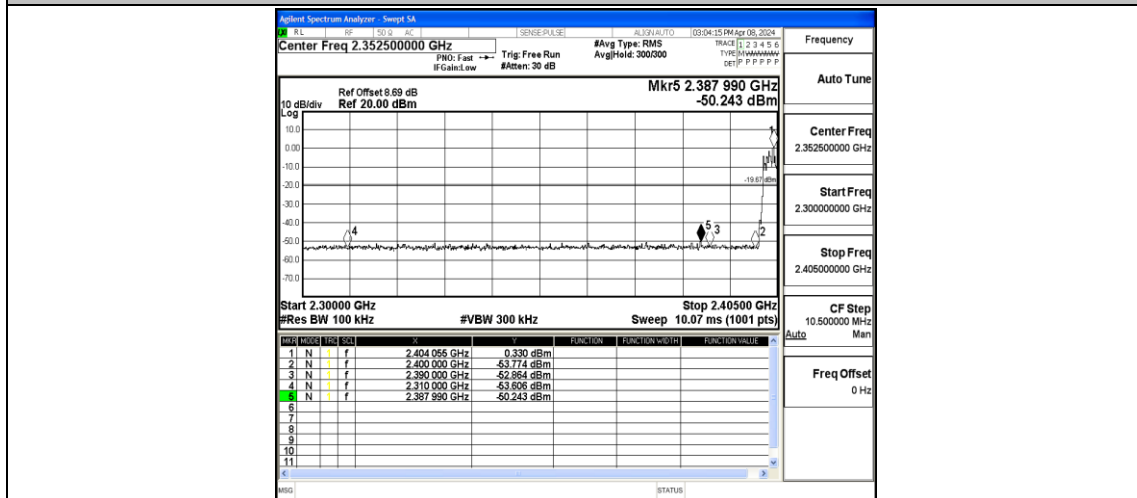
2DH5-Ant1-Hop_2480-PASS



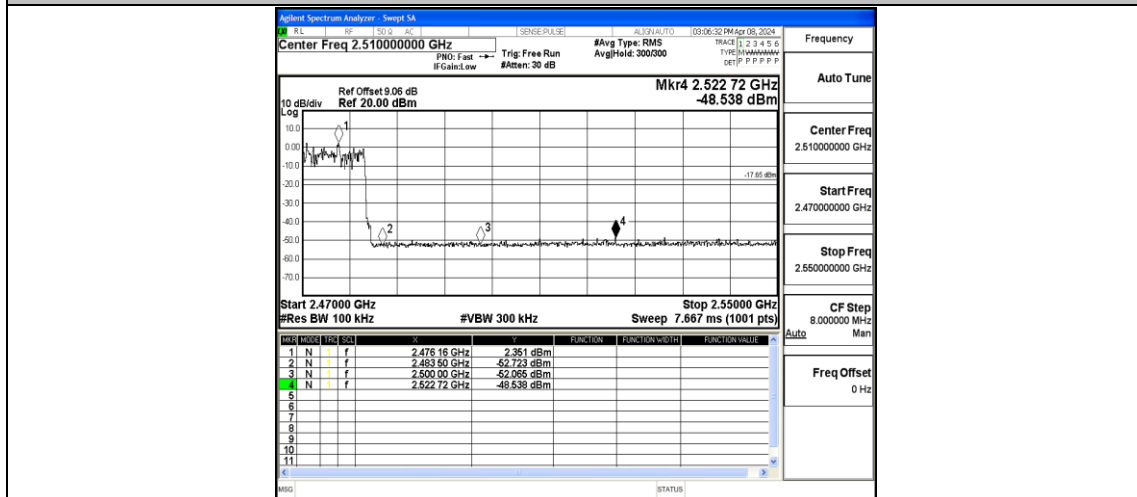
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



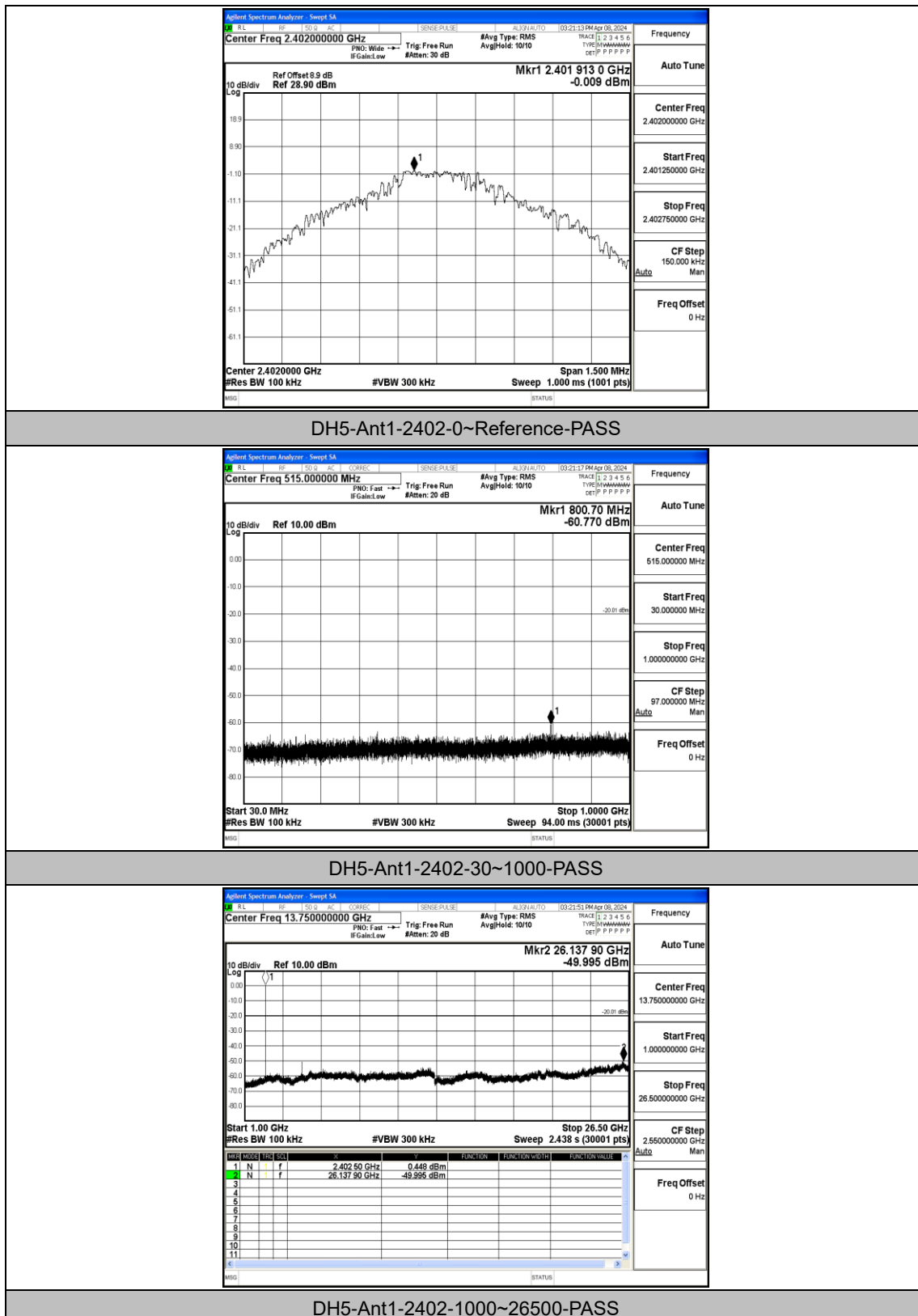
3DH5-Ant1-Hop_2480-PASS

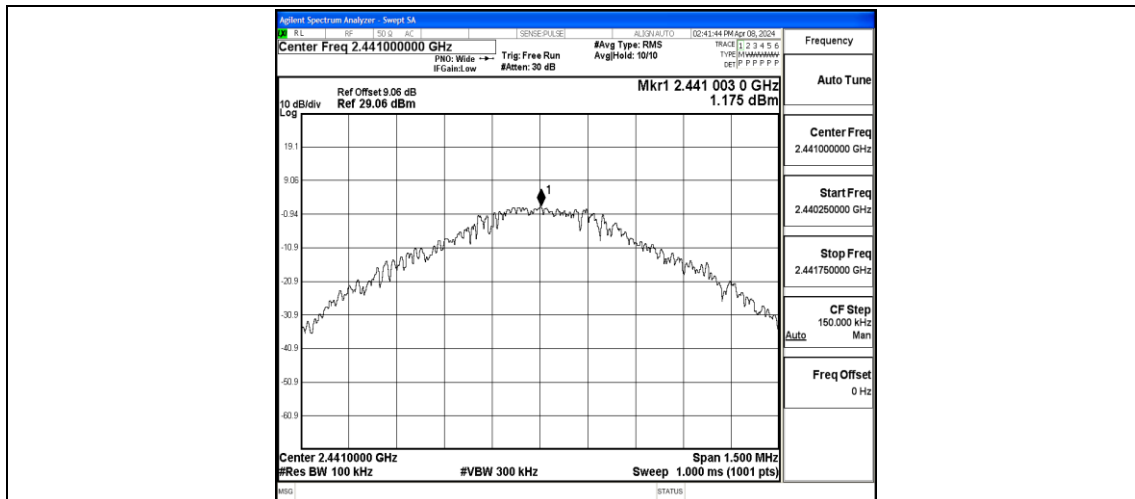
Appendix H: Conducted Spurious Emission

Test Result

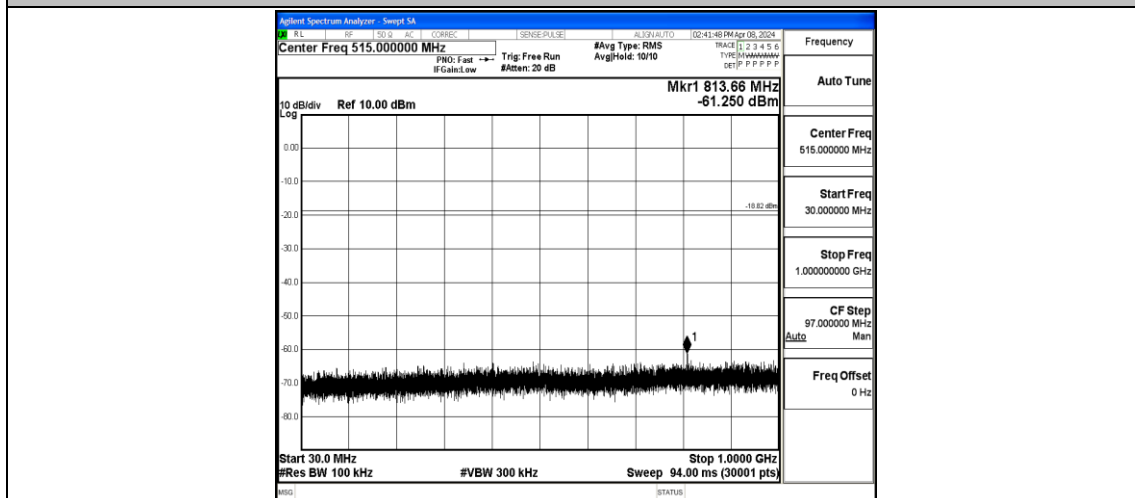
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.01	-0.01	---	PASS
DH5	Ant1	2402	30~1000	-0.01	-60.77	≤-20.01	PASS
DH5	Ant1	2402	1000~26500	-0.01	-50	≤-20.01	PASS
DH5	Ant1	2441	0~Reference	1.18	1.18	---	PASS
DH5	Ant1	2441	30~1000	1.18	-61.25	≤-18.82	PASS
DH5	Ant1	2441	1000~26500	1.18	-50.59	≤-18.82	PASS
DH5	Ant1	2480	0~Reference	0.63	0.63	---	PASS
DH5	Ant1	2480	30~1000	0.63	-61.03	≤-19.37	PASS
DH5	Ant1	2480	1000~26500	0.63	-49.57	≤-19.37	PASS
2DH5	Ant1	2402	0~Reference	0.48	0.48	---	PASS
2DH5	Ant1	2402	30~1000	0.48	-62.63	≤-19.52	PASS
2DH5	Ant1	2402	1000~26500	0.48	-50.16	≤-19.52	PASS
2DH5	Ant1	2441	0~Reference	-0.19	-0.19	---	PASS
2DH5	Ant1	2441	30~1000	-0.19	-62.73	≤-20.19	PASS
2DH5	Ant1	2441	1000~26500	-0.19	-50.75	≤-20.19	PASS
2DH5	Ant1	2480	0~Reference	0.32	0.32	---	PASS
2DH5	Ant1	2480	30~1000	0.32	-62.98	≤-19.68	PASS
2DH5	Ant1	2480	1000~26500	0.32	-50	≤-19.68	PASS
3DH5	Ant1	2402	0~Reference	-1.05	-1.05	---	PASS
3DH5	Ant1	2402	30~1000	-1.05	-62.82	≤-21.05	PASS
3DH5	Ant1	2402	1000~26500	-1.05	-50.07	≤-21.05	PASS
3DH5	Ant1	2441	0~Reference	1.76	1.76	---	PASS
3DH5	Ant1	2441	30~1000	1.76	-62.98	≤-18.24	PASS
3DH5	Ant1	2441	1000~26500	1.76	-43.24	≤-18.24	PASS
3DH5	Ant1	2480	0~Reference	-0.35	-0.35	---	PASS
3DH5	Ant1	2480	30~1000	-0.35	-61.58	≤-20.35	PASS
3DH5	Ant1	2480	1000~26500	-0.35	-50.34	≤-20.35	PASS

Test Graphs

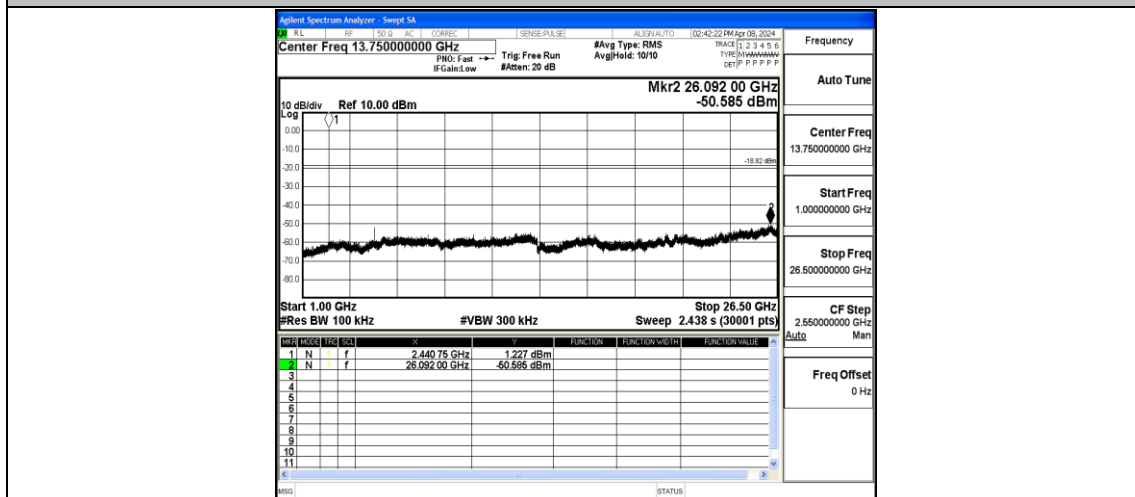




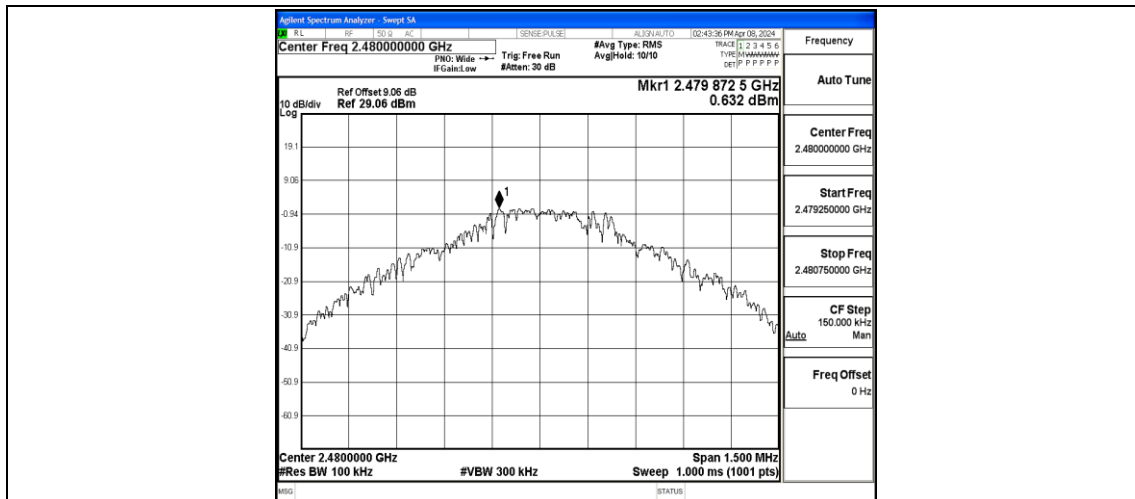
DH5-Ant1-2441-0~Reference-PASS



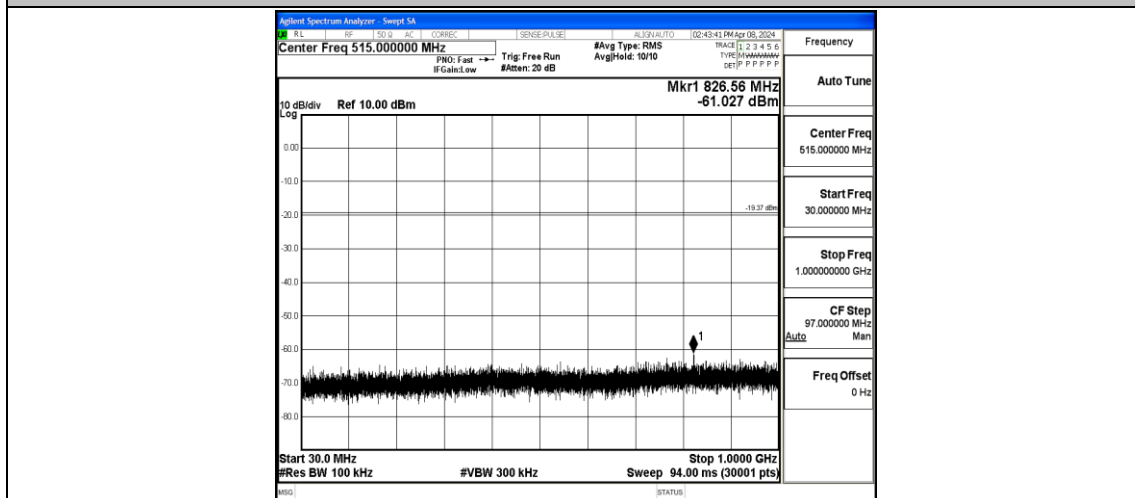
DH5-Ant1-2441-30~1000-PASS



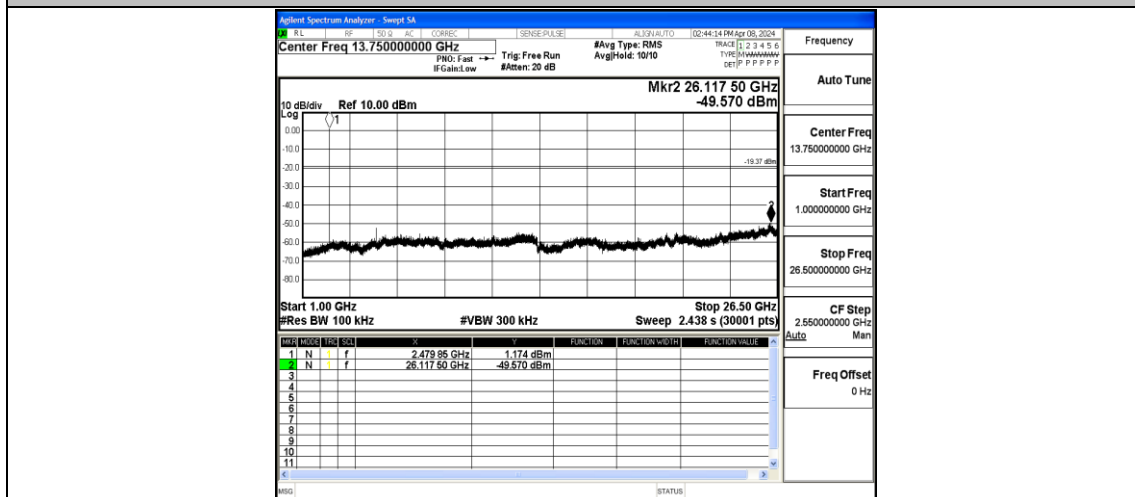
DH5-Ant1-2441-1000~26500-PASS



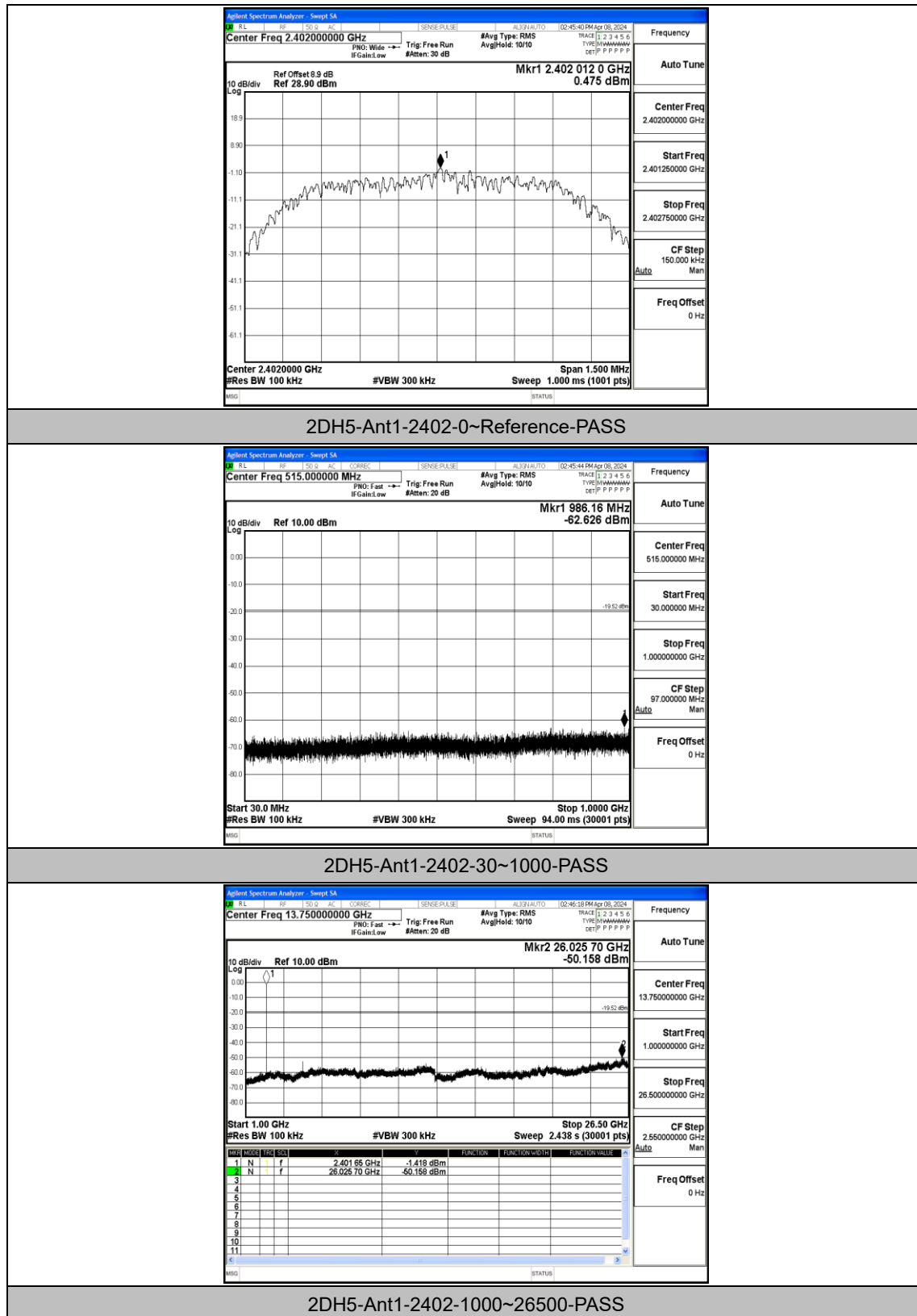
DH5-Ant1-2480-0~Reference-PASS

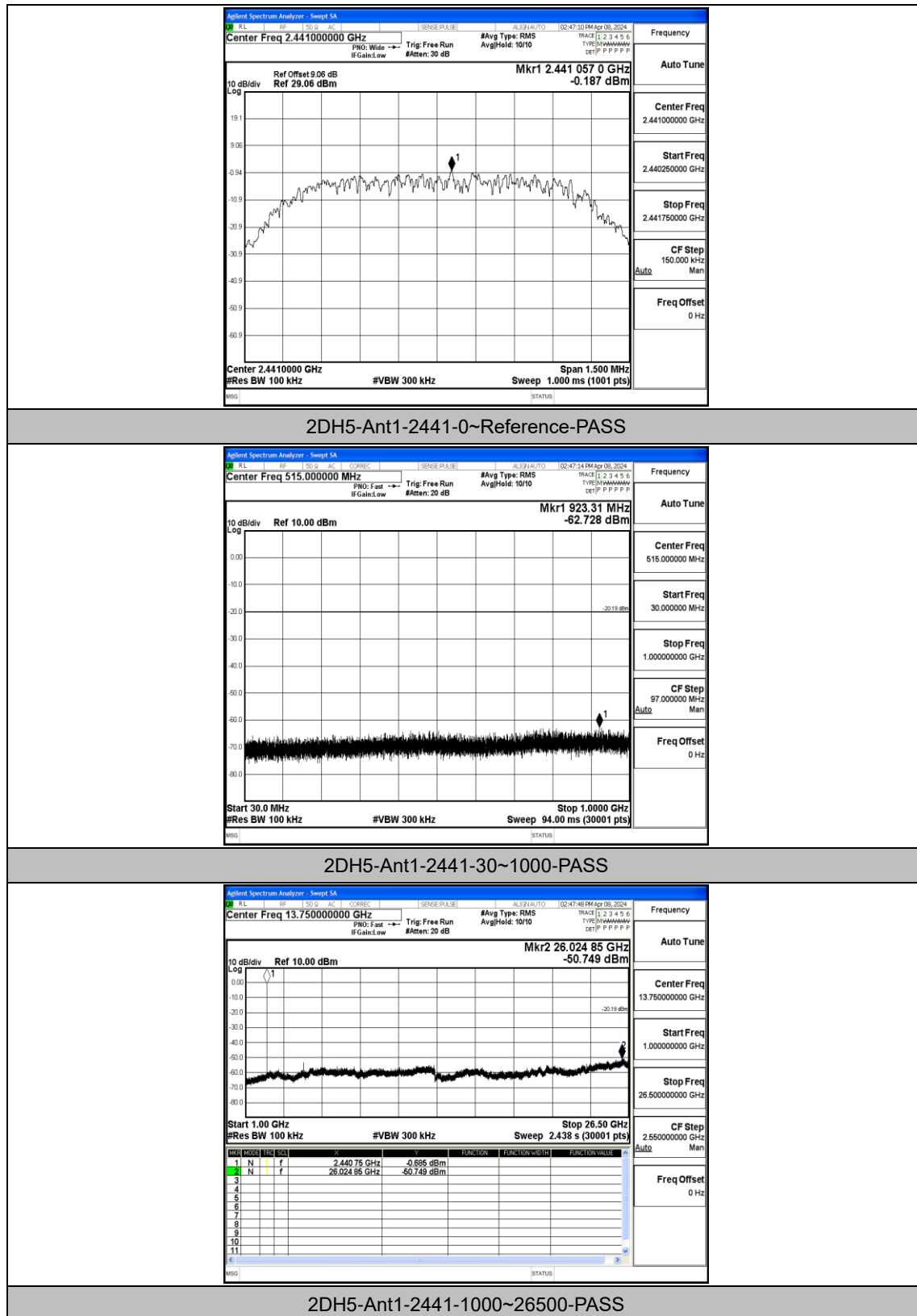


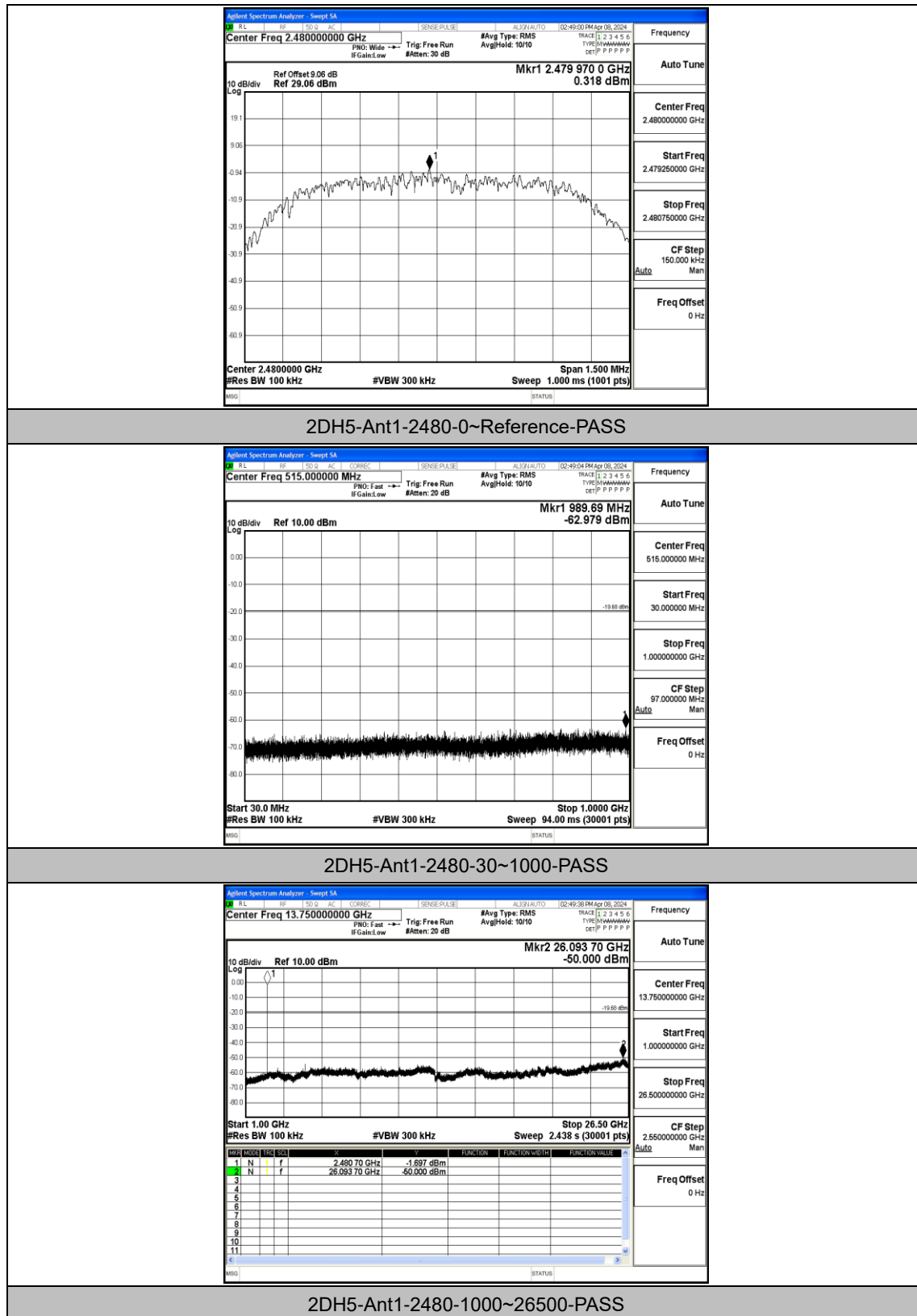
DH5-Ant1-2480-30~1000-PASS

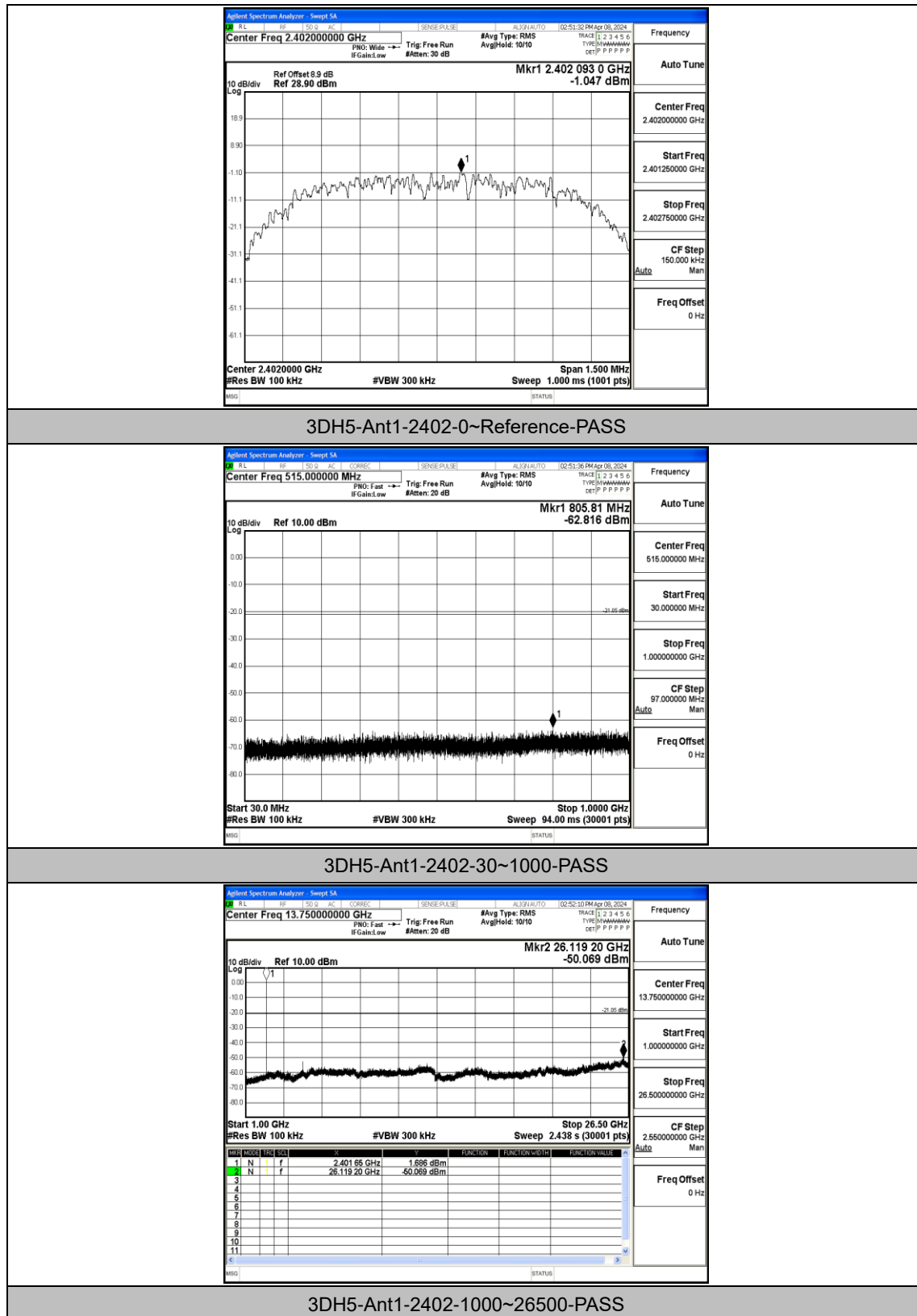


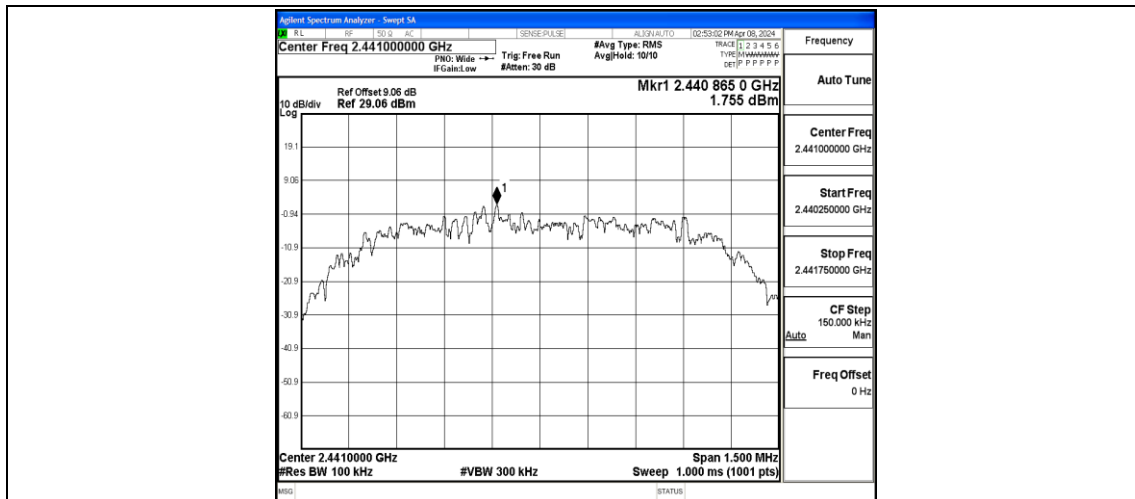
DH5-Ant1-2480-1000~26500-PASS



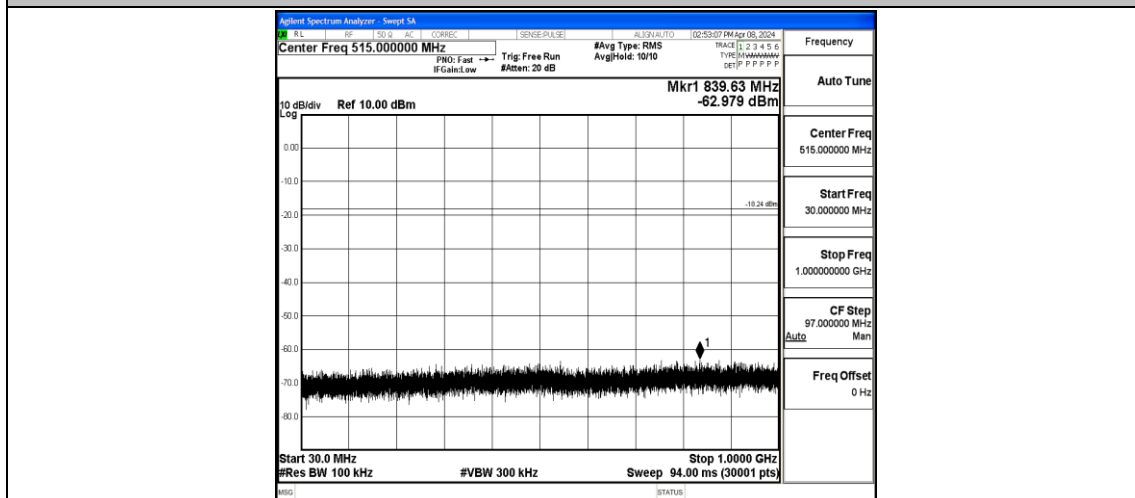




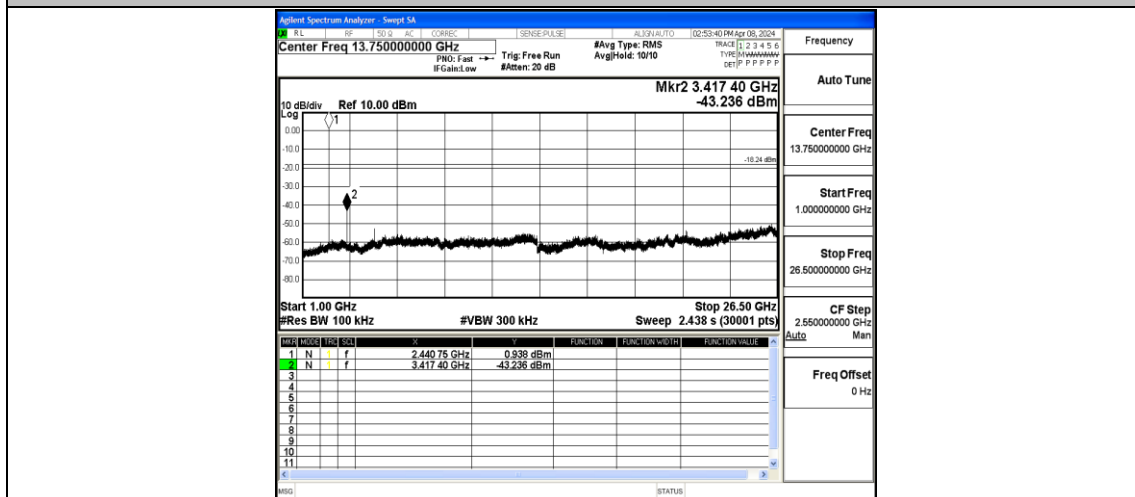




3DH5-Ant1-2441-0~Reference-PASS



3DH5-Ant1-2441-30~1000-PASS



3DH5-Ant1-2441-1000~26500-PASS