

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

Product Name: TGENIUS WATCH

Trade Mark: N/A

Test Model: TGone

FCC ID: 2BF9J-TGONE

Environmental Conditions

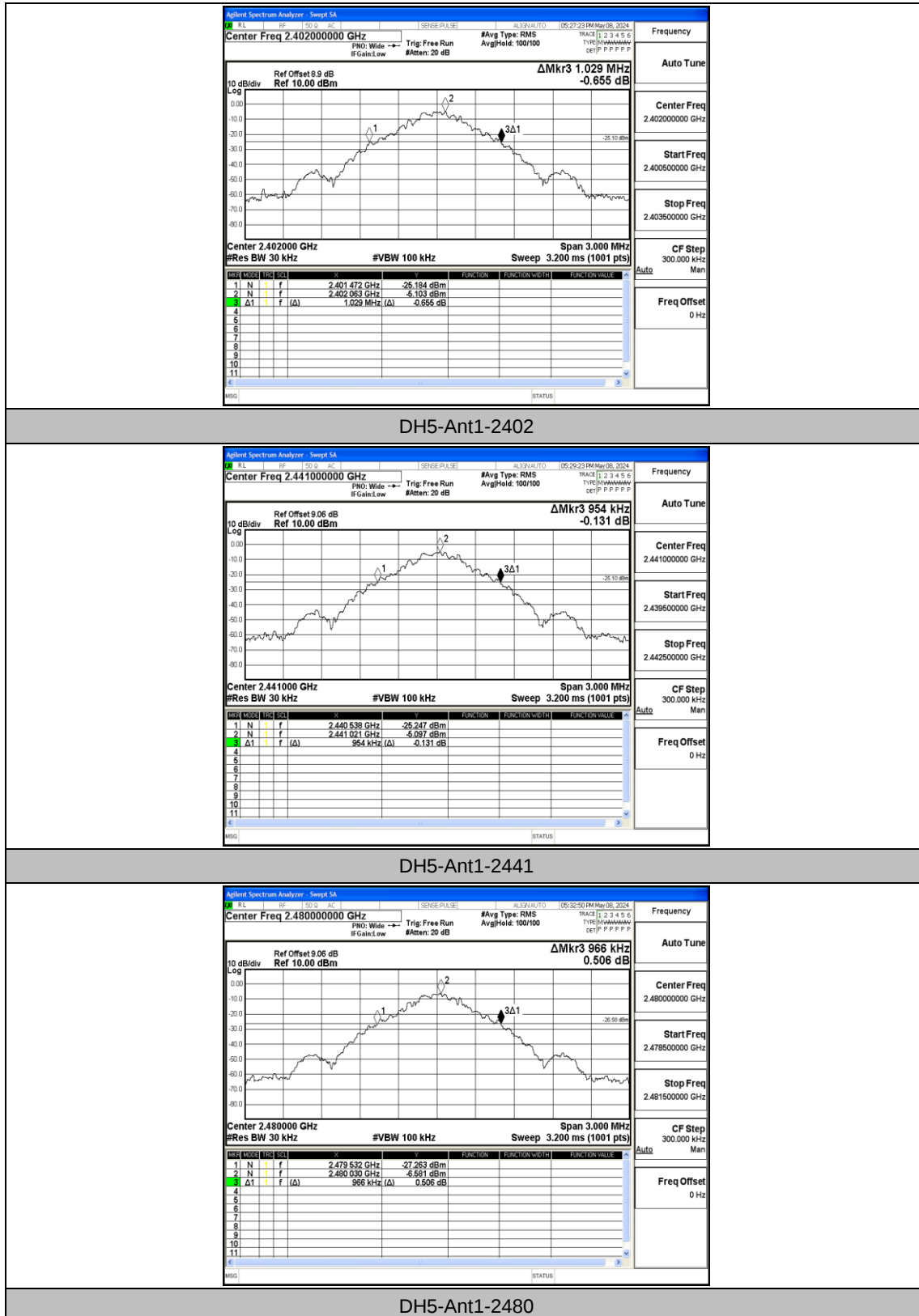
Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

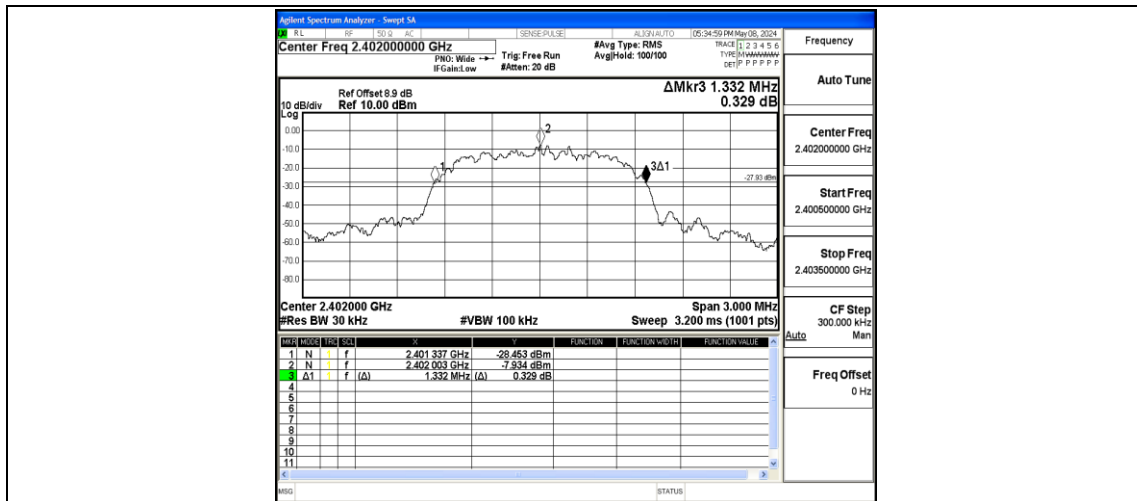
Appendix A: 20dB Emission Bandwidth

Test Result

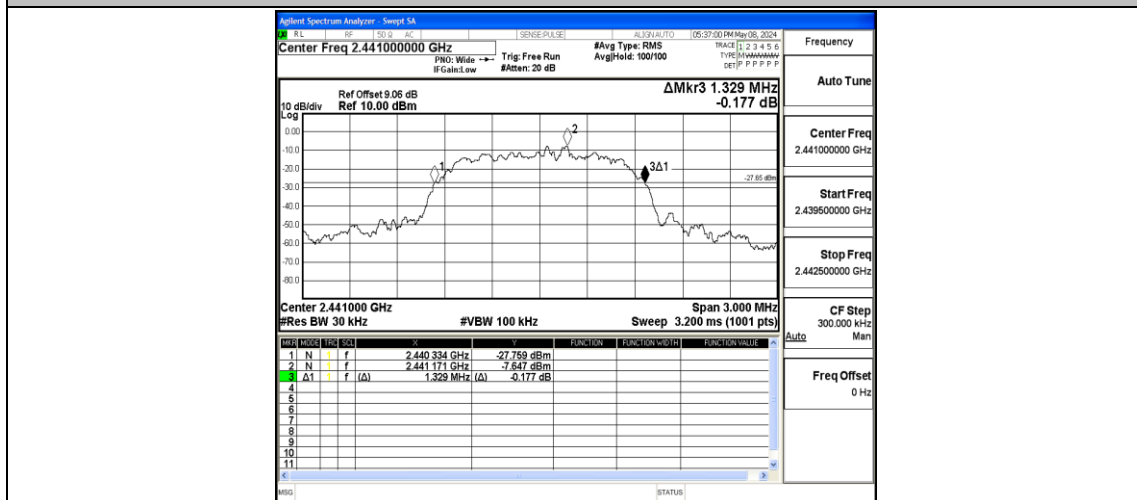
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.472	2402.501	---	---
DH5	Ant1	2441	0.954	2440.538	2441.492	---	---
DH5	Ant1	2480	0.966	2479.532	2480.498	---	---
2DH5	Ant1	2402	1.332	2401.337	2402.669	---	---
2DH5	Ant1	2441	1.329	2440.334	2441.663	---	---
2DH5	Ant1	2480	1.332	2479.334	2480.666	---	---
3DH5	Ant1	2402	1.302	2401.358	2402.660	---	---
3DH5	Ant1	2441	1.305	2440.349	2441.654	---	---
3DH5	Ant1	2480	1.296	2479.355	2480.651	---	---

Test Graphs

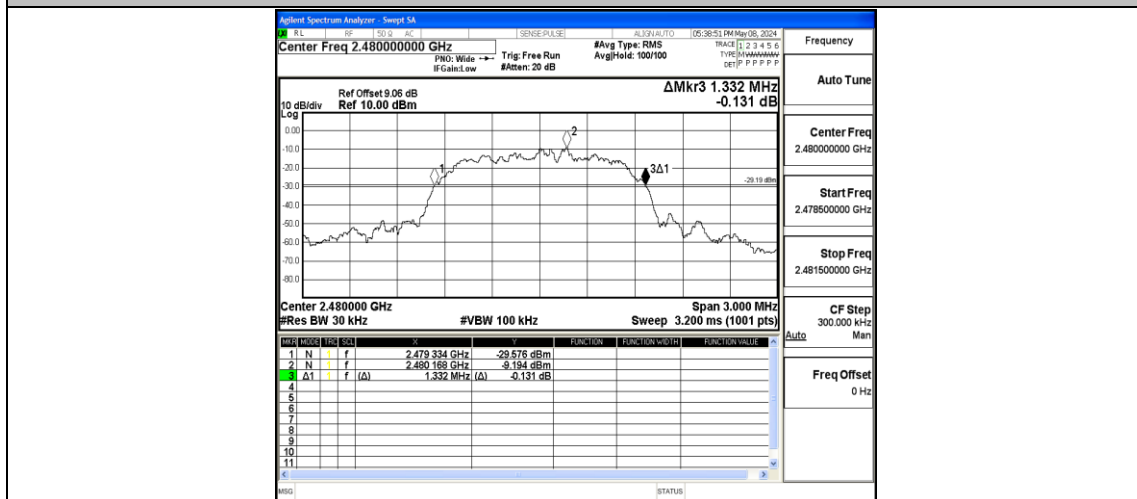




2DH5-Ant1-2402



2DH5-Ant1-2441



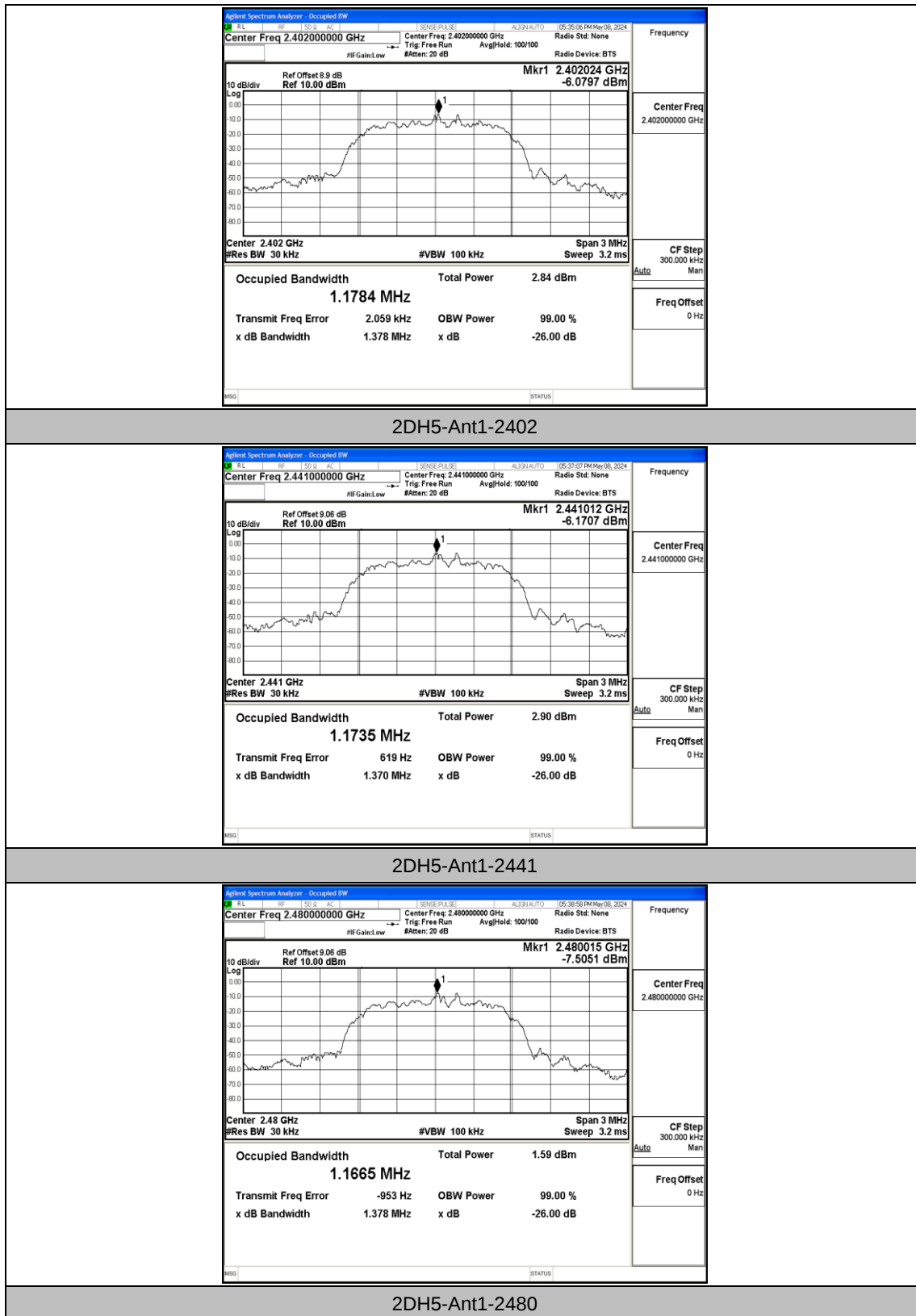
2DH5-Ant1-2480

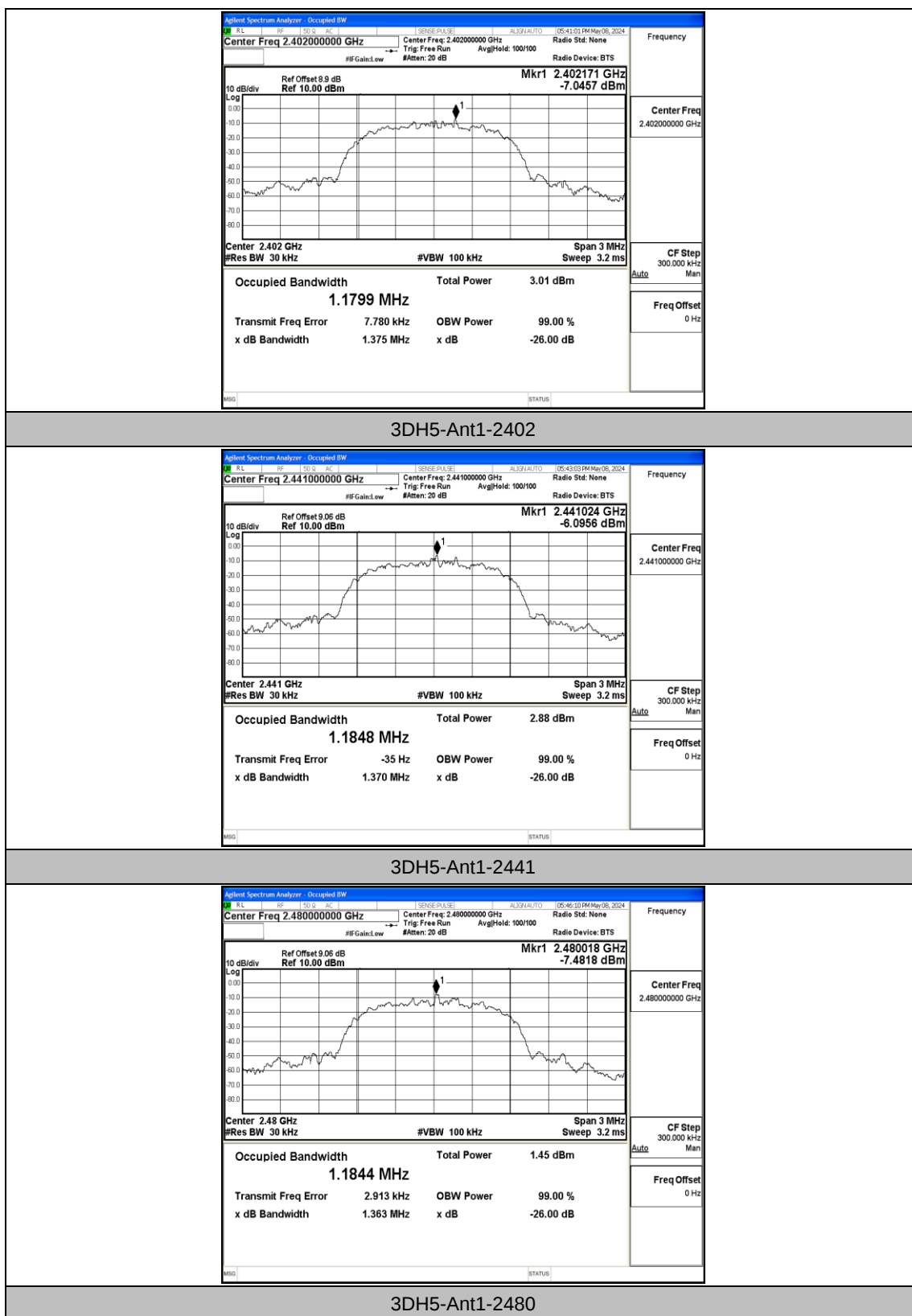


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88363	2401.5640	2402.4476	---	---
DH5	Ant1	2441	0.87060	2440.5673	2441.4379	---	---
DH5	Ant1	2480	0.87260	2479.5654	2480.4380	---	---
2DH5	Ant1	2402	1.1784	2401.4129	2402.5913	---	---
2DH5	Ant1	2441	1.1735	2440.4139	2441.5874	---	---
2DH5	Ant1	2480	1.1665	2479.4158	2480.5823	---	---
3DH5	Ant1	2402	1.1799	2401.4178	2402.5977	---	---
3DH5	Ant1	2441	1.1848	2440.4076	2441.5924	---	---
3DH5	Ant1	2480	1.1844	2479.4107	2480.5951	---	---



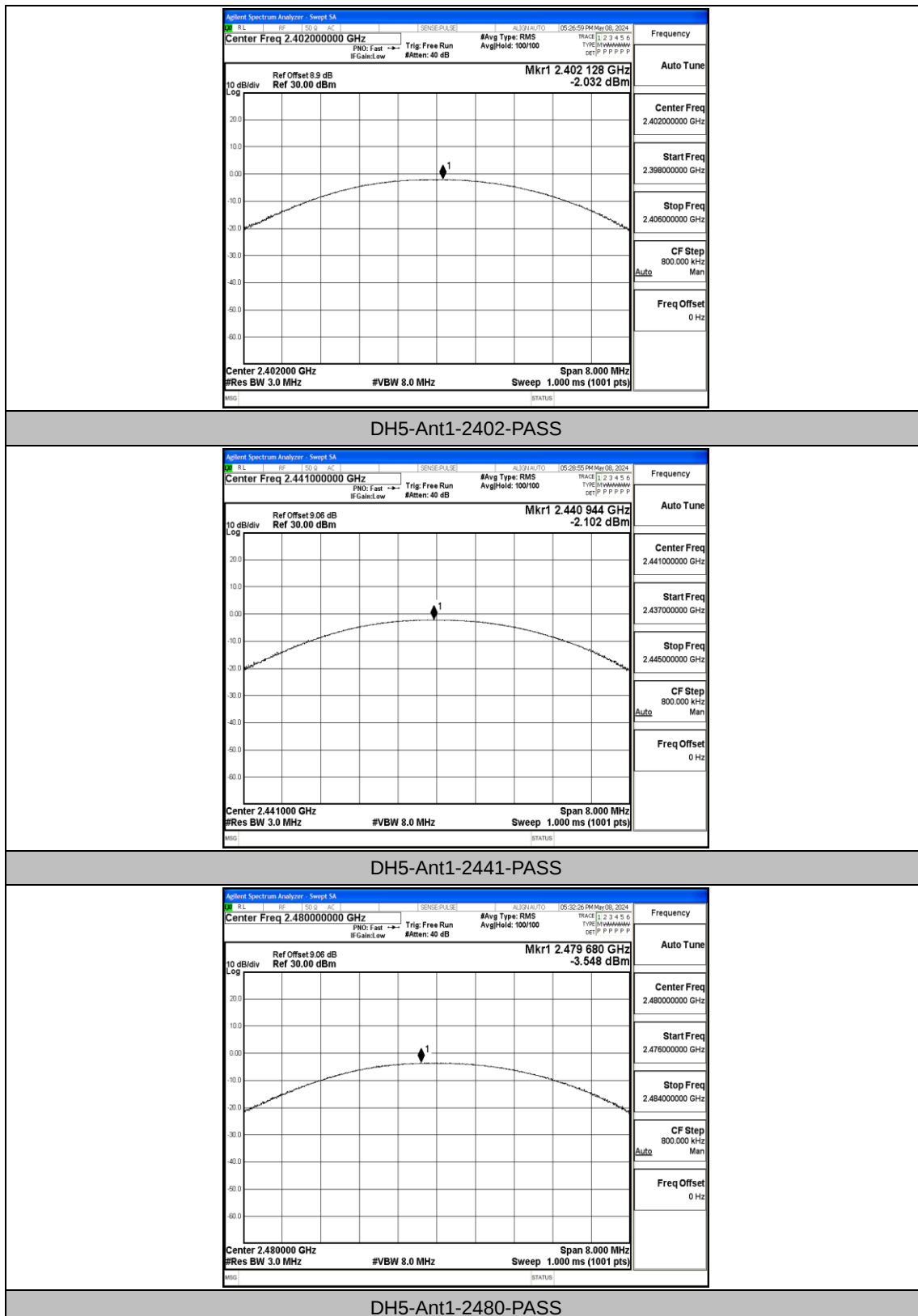


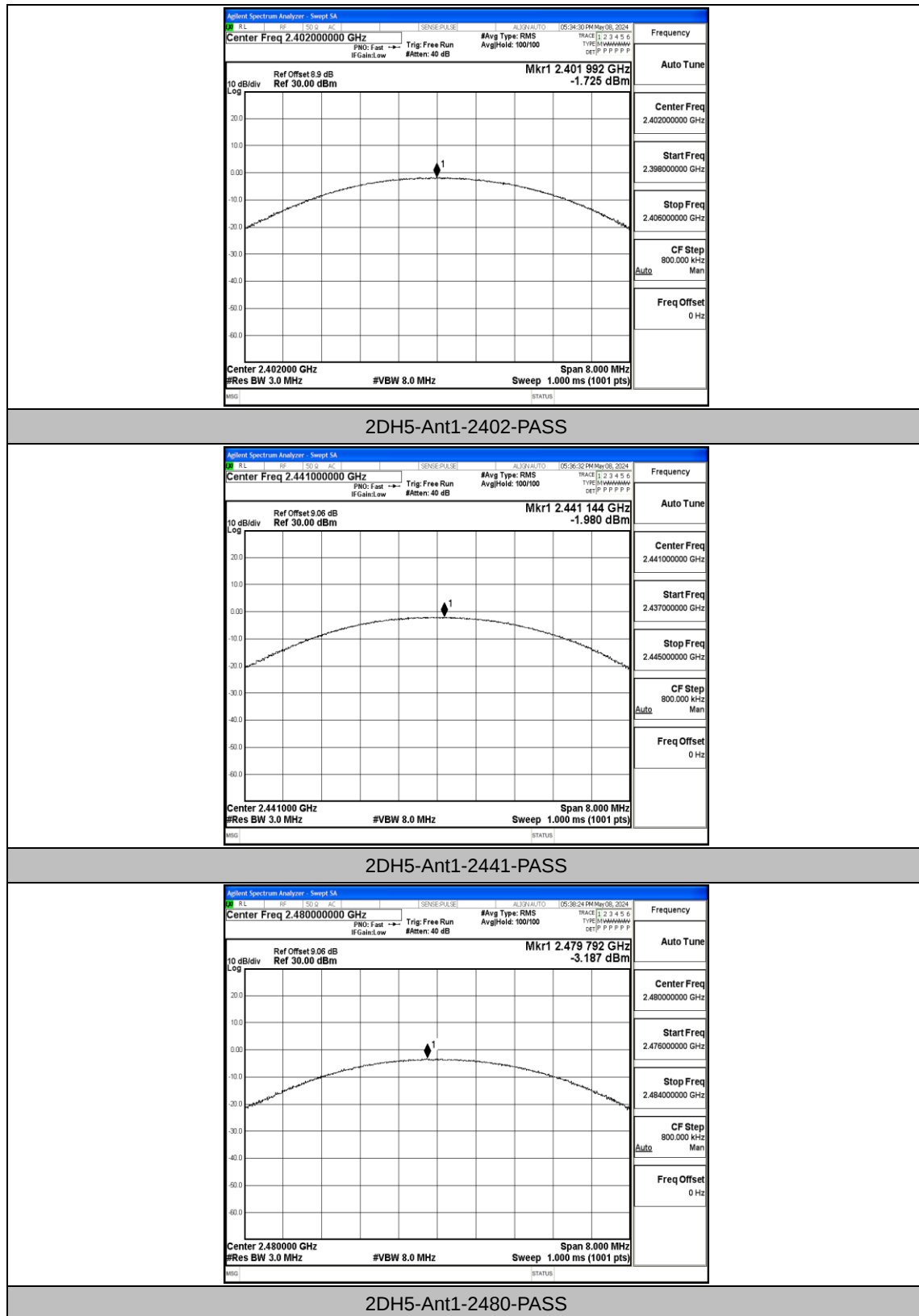
Appendix C: Maximum peak conducted output power

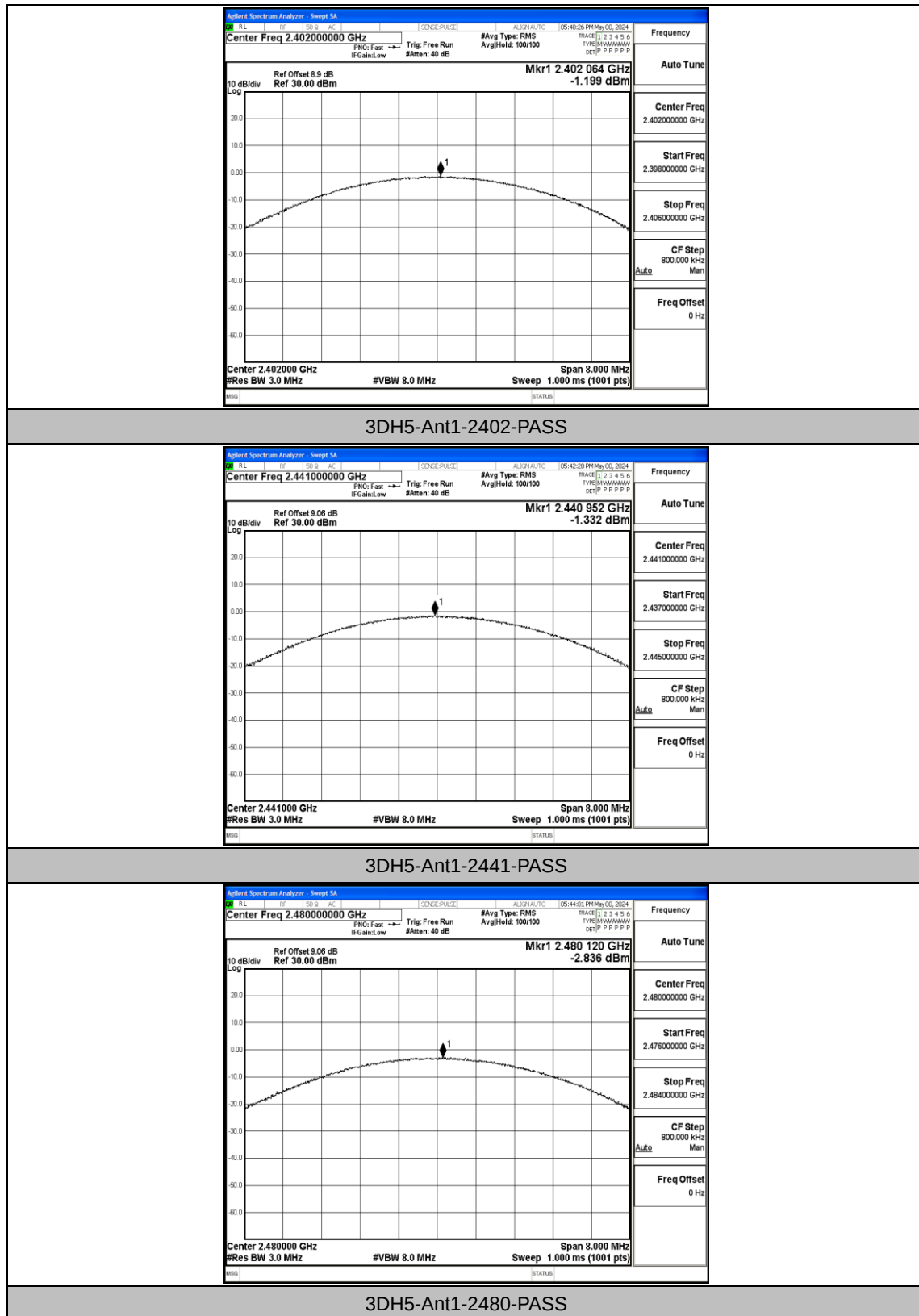
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-2.03	≤20.97	PASS
DH5	Ant1	2441	-2.10	≤20.97	PASS
DH5	Ant1	2480	-3.55	≤20.97	PASS
2DH5	Ant1	2402	-1.73	≤20.97	PASS
2DH5	Ant1	2441	-1.98	≤20.97	PASS
2DH5	Ant1	2480	-3.19	≤20.97	PASS
3DH5	Ant1	2402	-1.20	≤20.97	PASS
3DH5	Ant1	2441	-1.33	≤20.97	PASS
3DH5	Ant1	2480	-2.84	≤20.97	PASS

Test Graphs





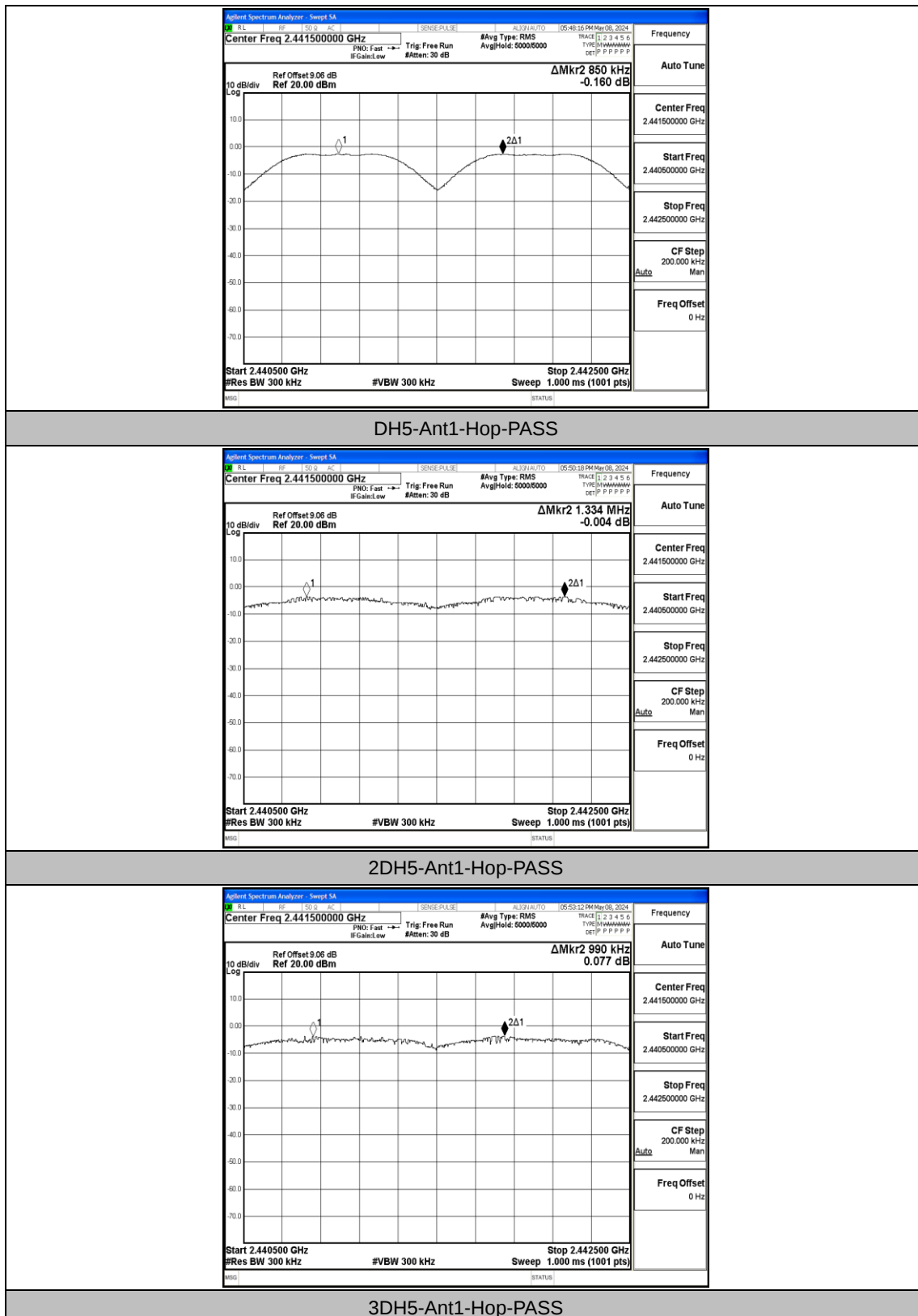


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.85	≥ 0.686	PASS
2DH5	Ant1	Hop	1.334	≥ 1.332	PASS
3DH5	Ant1	Hop	0.99	≥ 0.870	PASS

Test Graphs

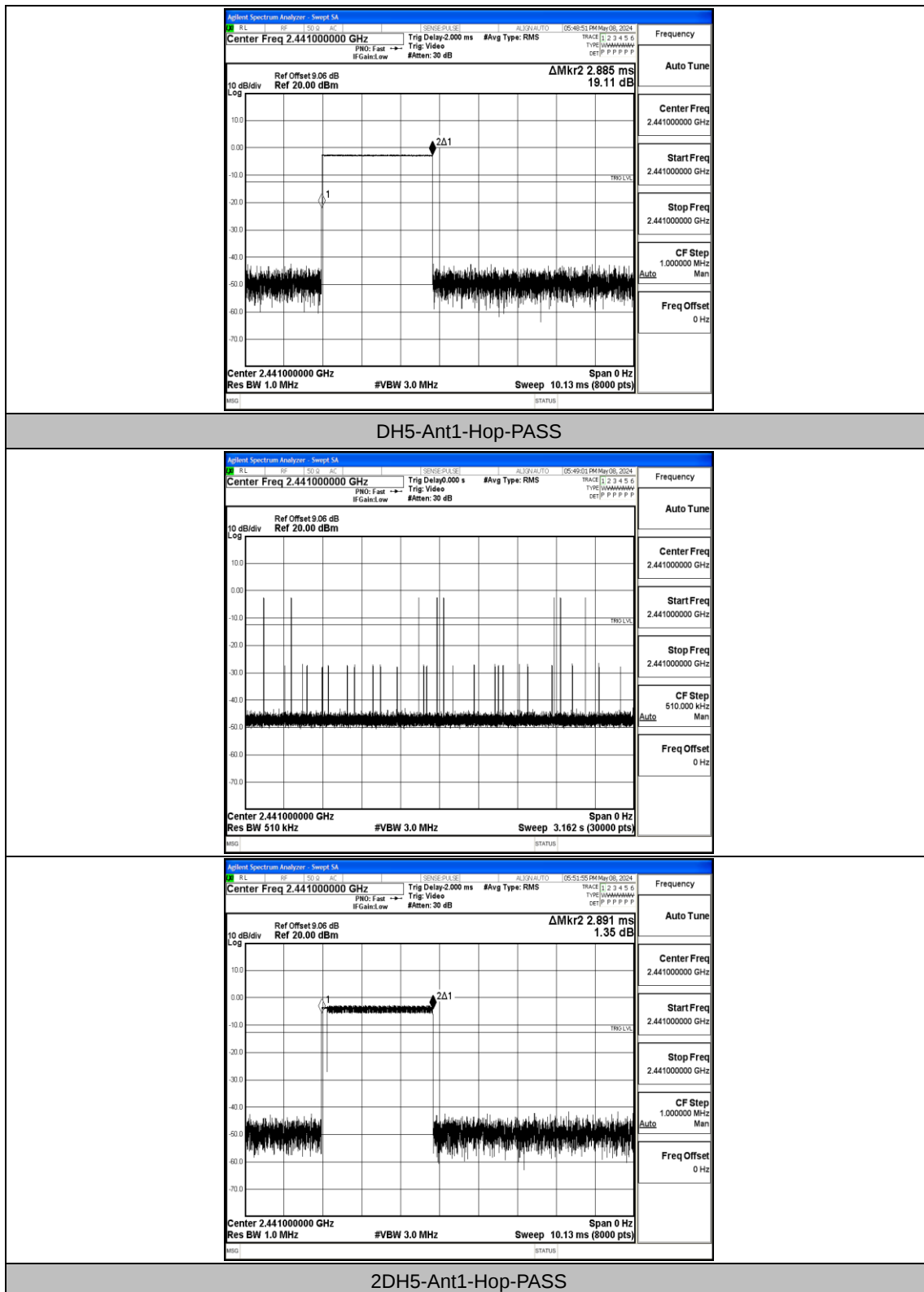


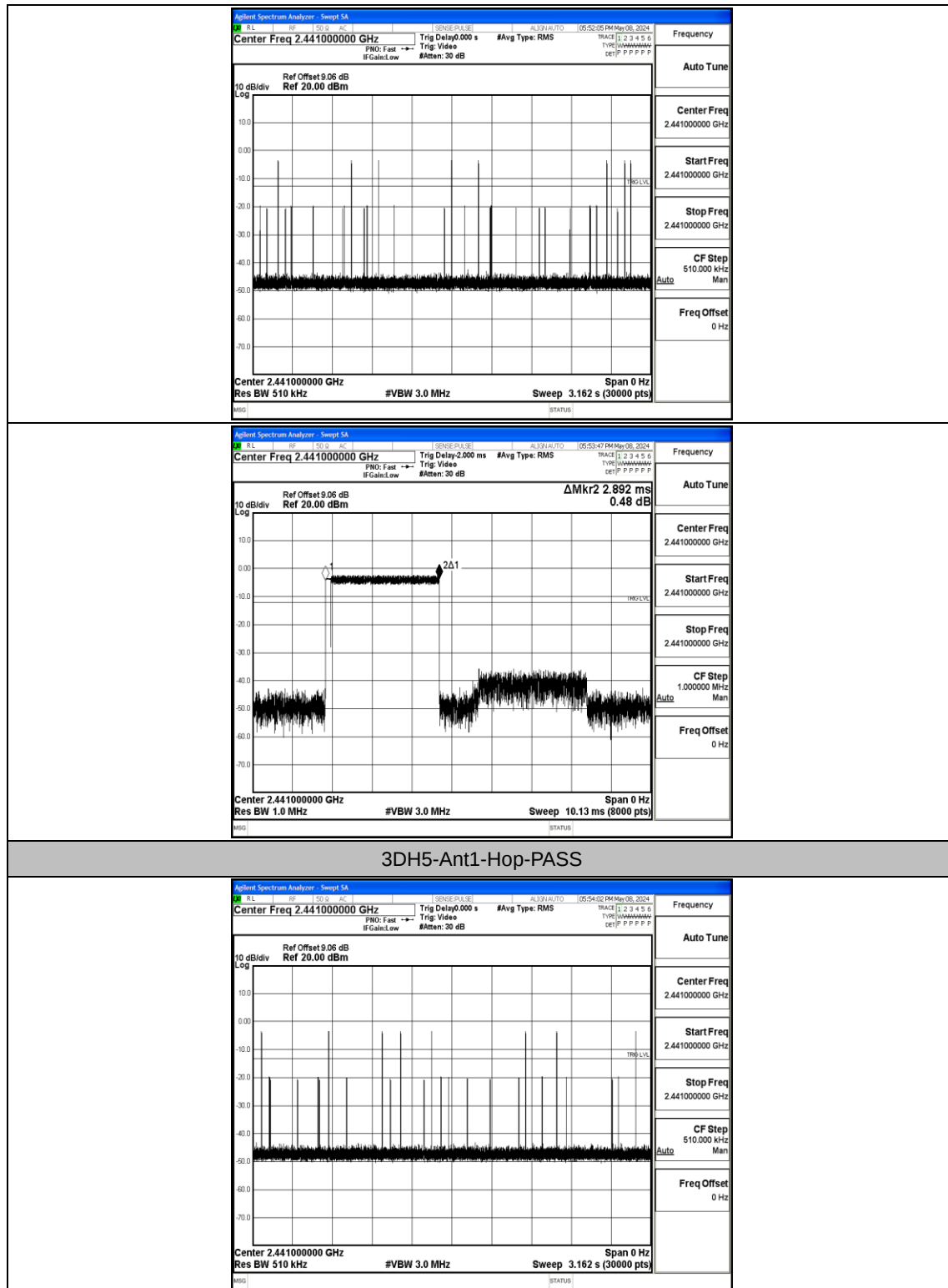
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	90	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.891	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.892	90	0.26	≤0.4	PASS

Test Graphs



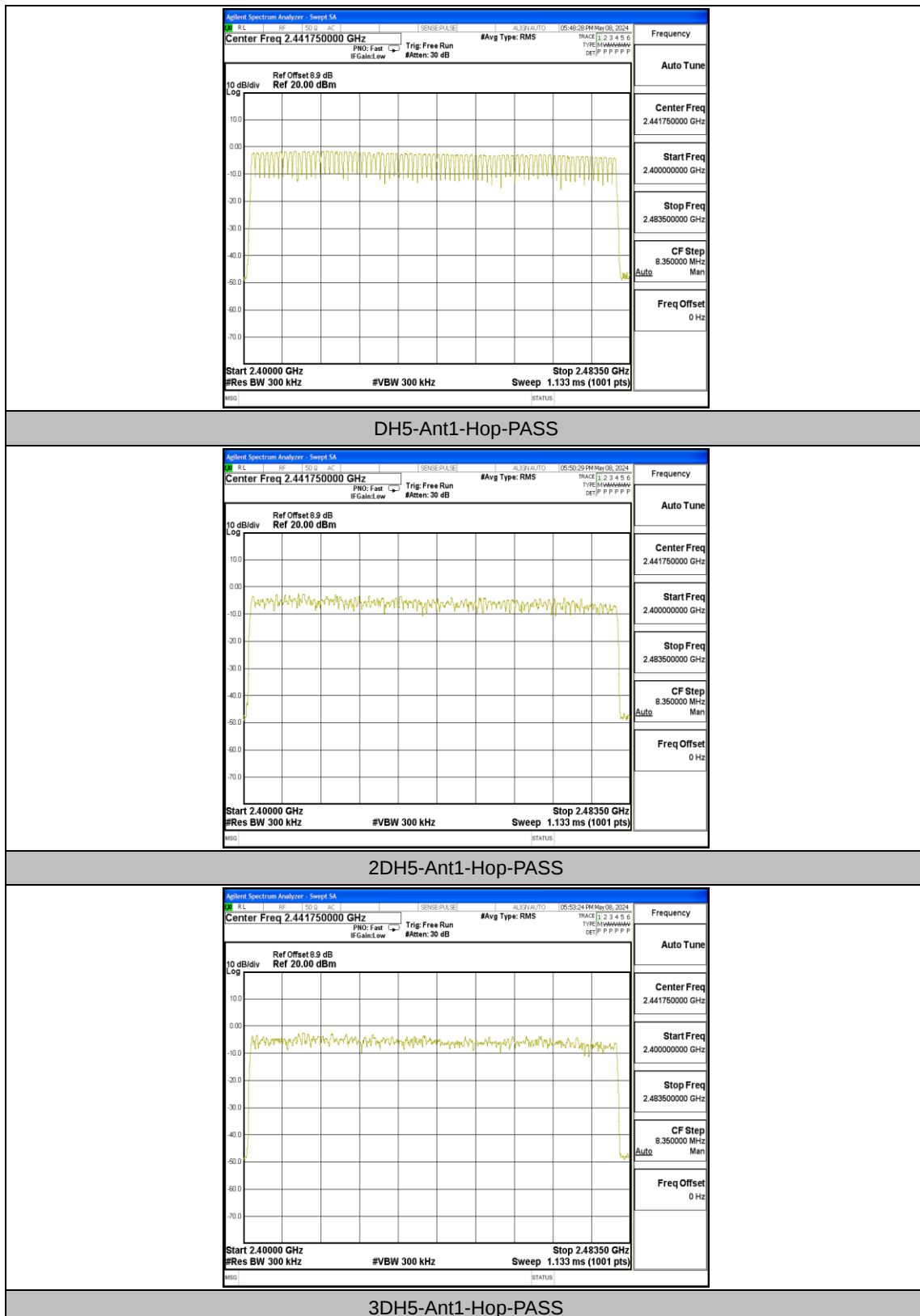


Appendix F: Number of hopping channels

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

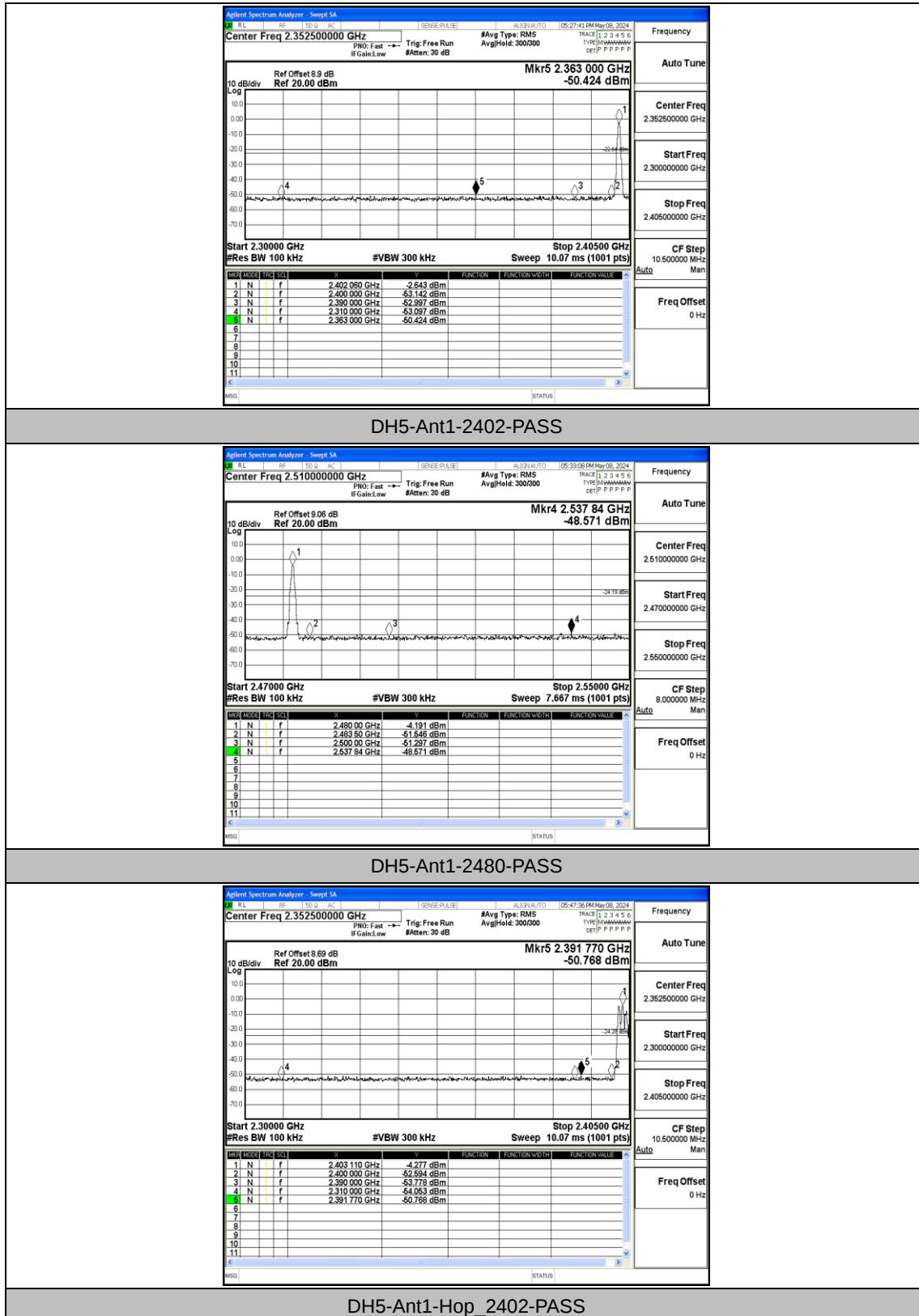


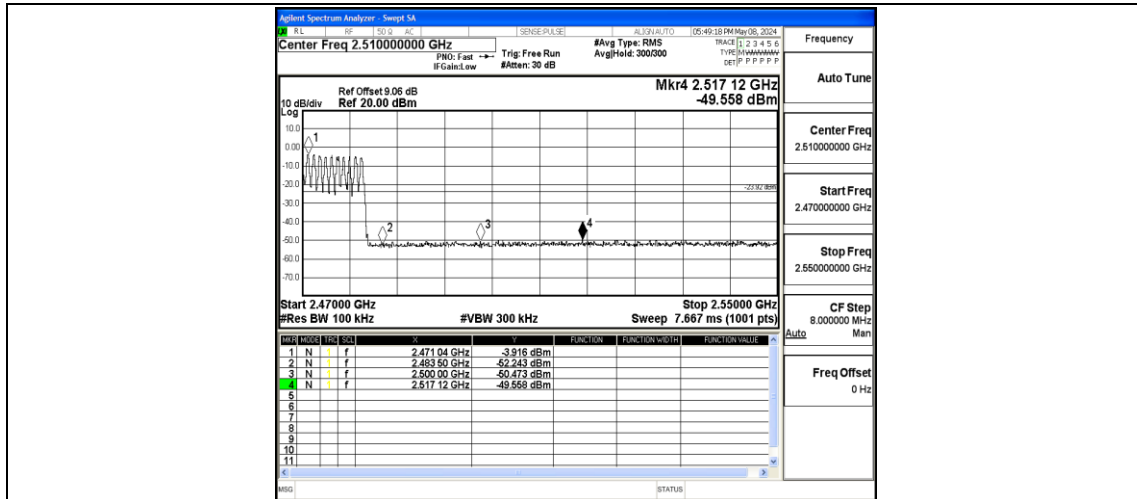
Appendix G: Band edge measurements

Test Result

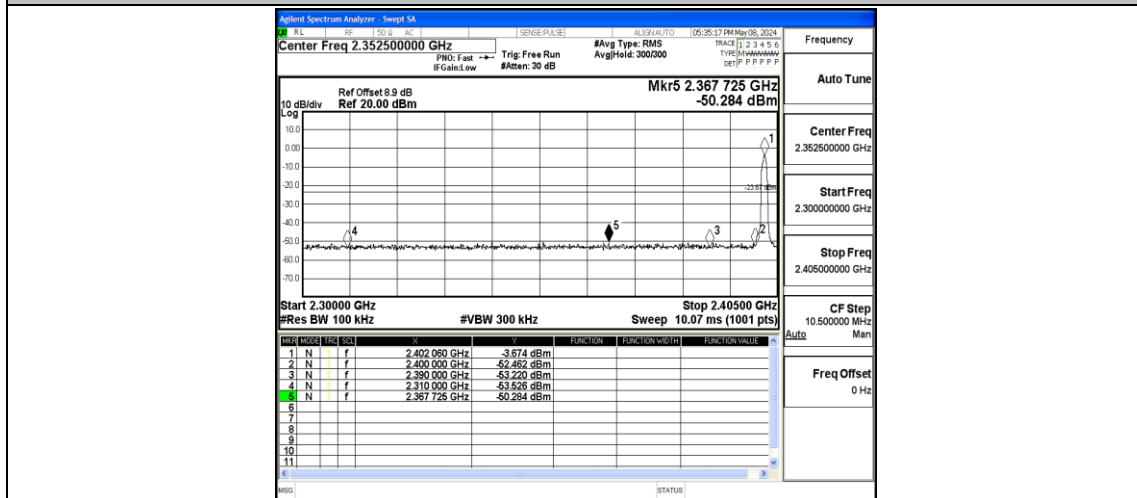
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.64	-50.42	≤-22.64	PASS
DH5	Ant1	High	2480	-4.19	-48.57	≤-24.19	PASS
DH5	Ant1	Low	Hop_2402	-4.28	-50.77	≤-24.28	PASS
DH5	Ant1	High	Hop_2480	-3.92	-49.56	≤-23.92	PASS
2DH5	Ant1	Low	2402	-3.67	-50.28	≤-23.67	PASS
2DH5	Ant1	High	2480	-5.09	-49.66	≤-25.09	PASS
2DH5	Ant1	Low	Hop_2402	-7.51	-50.29	≤-27.51	PASS
2DH5	Ant1	High	Hop_2480	-5.04	-50.04	≤-25.04	PASS
3DH5	Ant1	Low	2402	-3.66	-50.67	≤-23.66	PASS
3DH5	Ant1	High	2480	-5.46	-49.57	≤-25.46	PASS
3DH5	Ant1	Low	Hop_2402	-7.25	-49.88	≤-27.25	PASS
3DH5	Ant1	High	Hop_2480	-6.66	-48.64	≤-26.66	PASS

Test Graphs

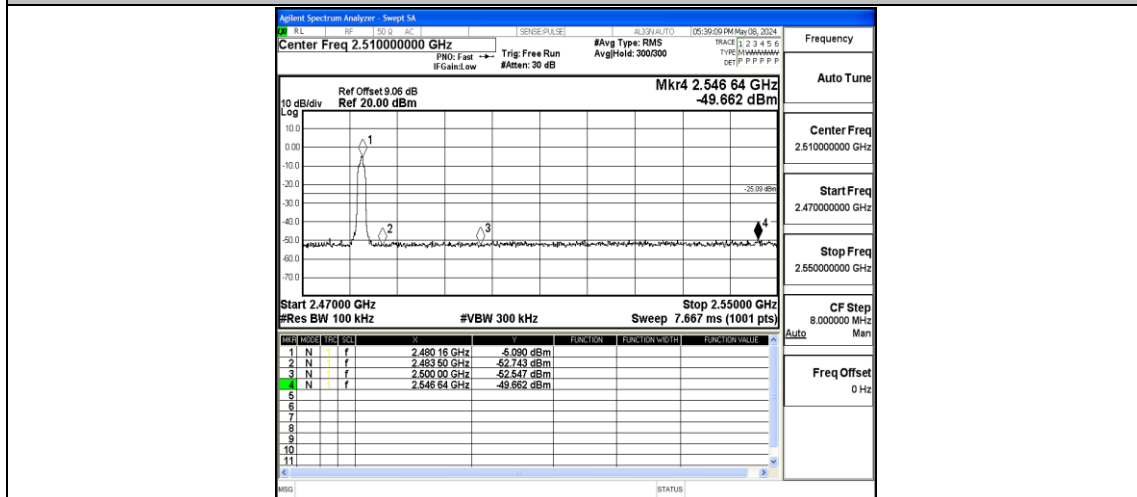




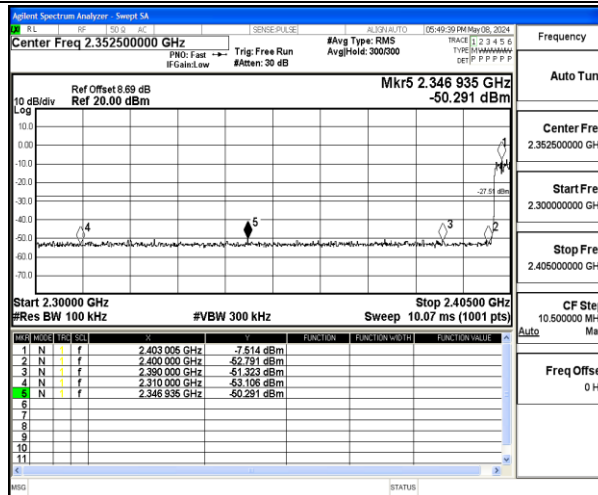
DH5-Ant1-Hop_2480-PASS



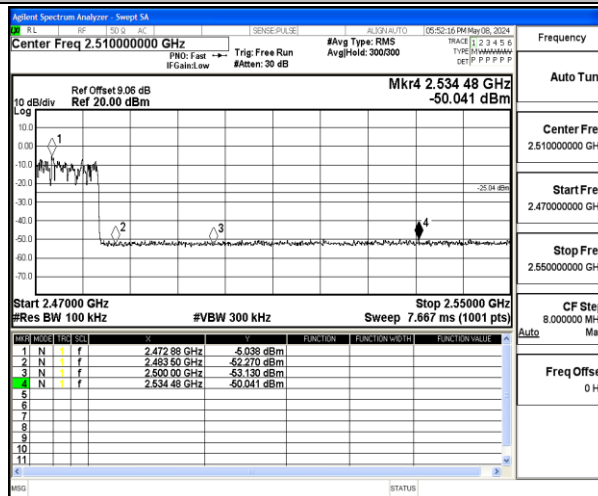
2DH5-Ant1-2402-PASS



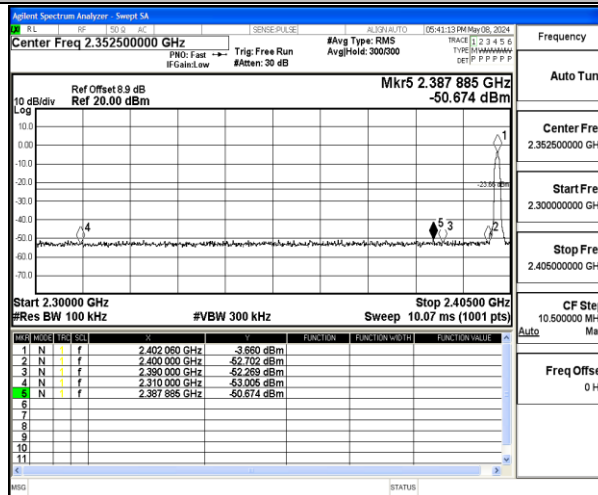
2DH5-Ant1-2480-PASS



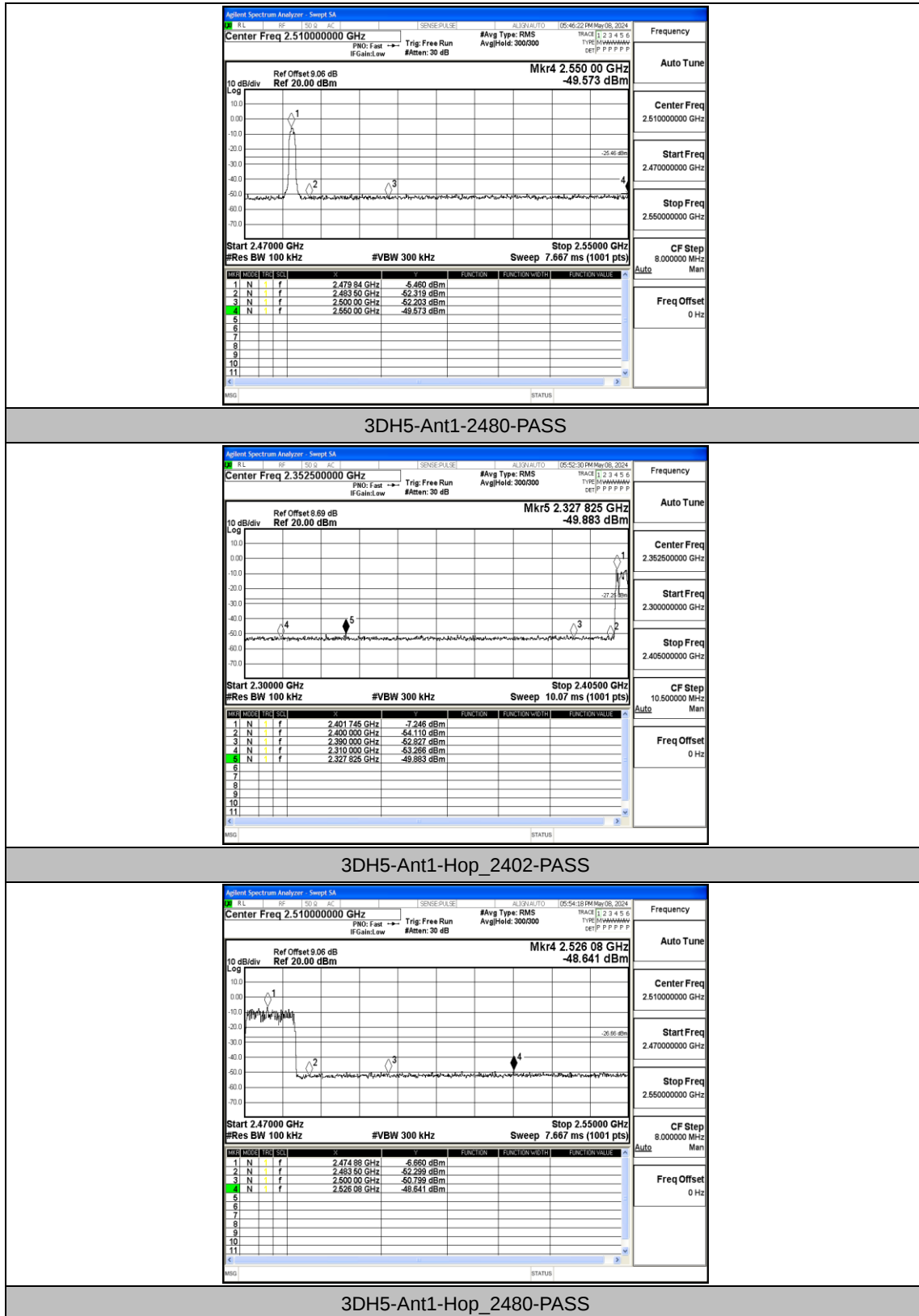
2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS



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	-3.20	-3.20	---	PASS
DH5	Ant1	2402	30~1000	-3.20	-62.27	≤-23.2	PASS
DH5	Ant1	2402	1000~26500	-3.20	-49.2	≤-23.2	PASS
DH5	Ant1	2441	0~Reference	-2.79	-2.79	---	PASS
DH5	Ant1	2441	30~1000	-2.79	-63.1	≤-22.79	PASS
DH5	Ant1	2441	1000~26500	-2.79	-50.42	≤-22.79	PASS
DH5	Ant1	2480	0~Reference	-4.91	-4.91	---	PASS
DH5	Ant1	2480	30~1000	-4.91	-61.58	≤-24.91	PASS
DH5	Ant1	2480	1000~26500	-4.91	-50.29	≤-24.91	PASS
2DH5	Ant1	2402	0~Reference	-6.91	-6.91	---	PASS
2DH5	Ant1	2402	30~1000	-6.91	-62.62	≤-26.91	PASS
2DH5	Ant1	2402	1000~26500	-6.91	-49.82	≤-26.91	PASS
2DH5	Ant1	2441	0~Reference	-7.21	-7.21	---	PASS
2DH5	Ant1	2441	30~1000	-7.21	-62.66	≤-27.21	PASS
2DH5	Ant1	2441	1000~26500	-7.21	-50.79	≤-27.21	PASS
2DH5	Ant1	2480	0~Reference	-8.68	-8.68	---	PASS
2DH5	Ant1	2480	30~1000	-8.68	-63.12	≤-28.68	PASS
2DH5	Ant1	2480	1000~26500	-8.68	-50.18	≤-28.68	PASS
3DH5	Ant1	2402	0~Reference	-6.73	-6.73	---	PASS
3DH5	Ant1	2402	30~1000	-6.73	-61.87	≤-26.73	PASS
3DH5	Ant1	2402	1000~26500	-6.73	-48.98	≤-26.73	PASS
3DH5	Ant1	2441	0~Reference	-6.69	-6.69	---	PASS
3DH5	Ant1	2441	30~1000	-6.69	-62.94	≤-26.69	PASS
3DH5	Ant1	2441	1000~26500	-6.69	-50.14	≤-26.69	PASS
3DH5	Ant1	2480	0~Reference	-8.88	-8.88	---	PASS
3DH5	Ant1	2480	30~1000	-8.88	-62.73	≤-28.88	PASS
3DH5	Ant1	2480	1000~26500	-8.88	-50.51	≤-28.88	PASS

Test Graphs

