

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

Product Name: Headphone

Trade Mark: TOMATIS

Test Model: Maestro B

FCC ID: 2AQR2-MAESTROB

Environmental Conditions

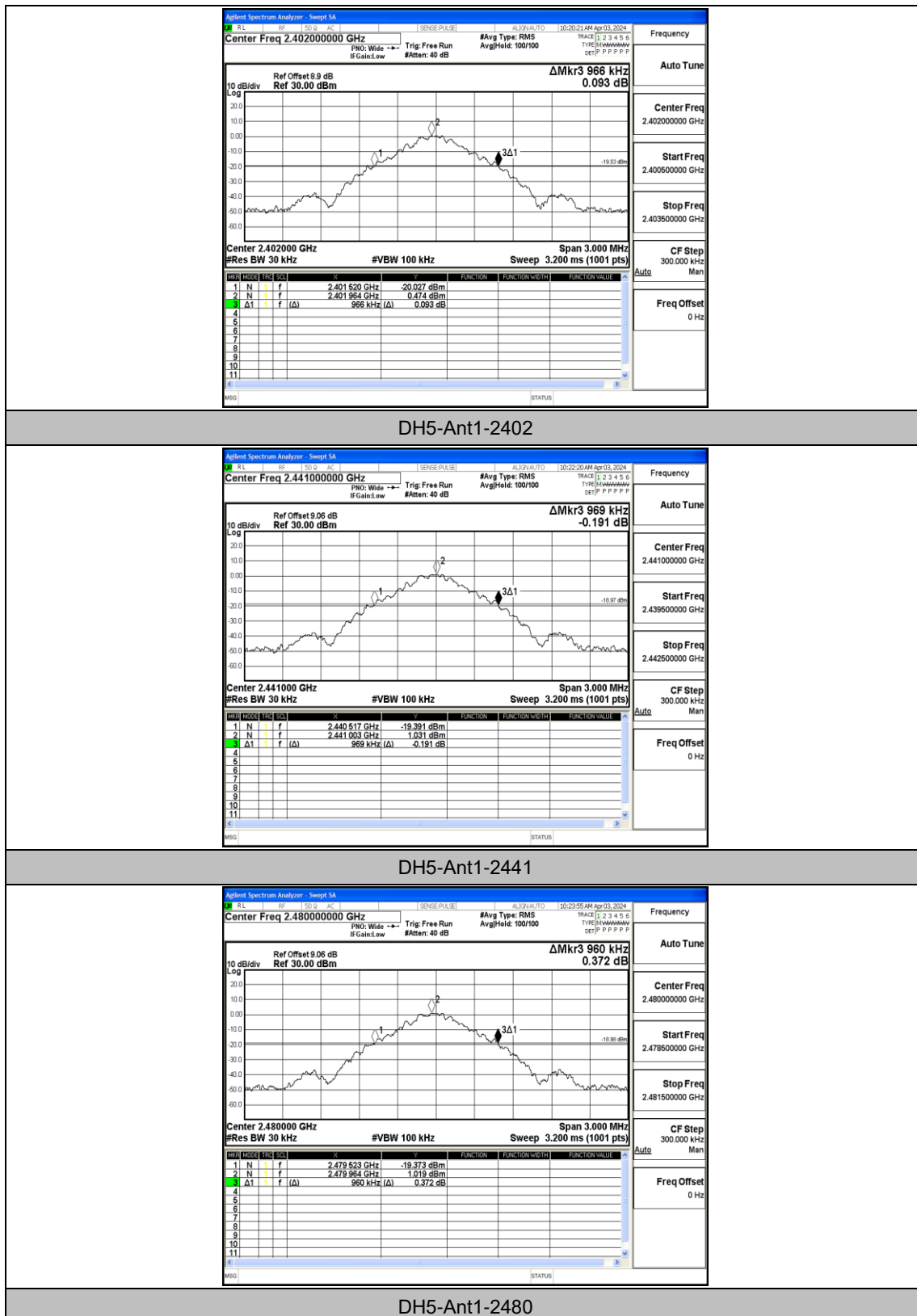
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

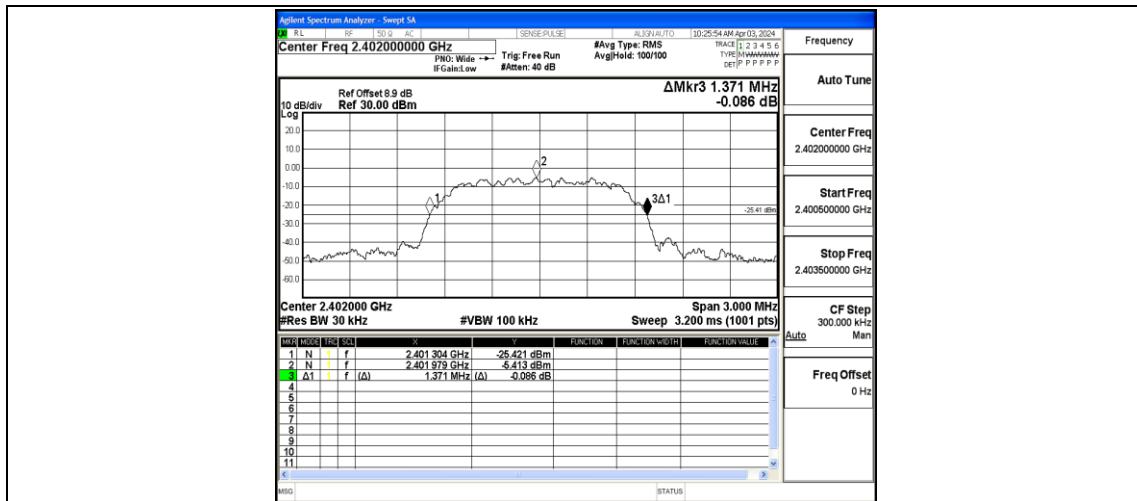
Appendix A: 20dB Emission Bandwidth

Test Result

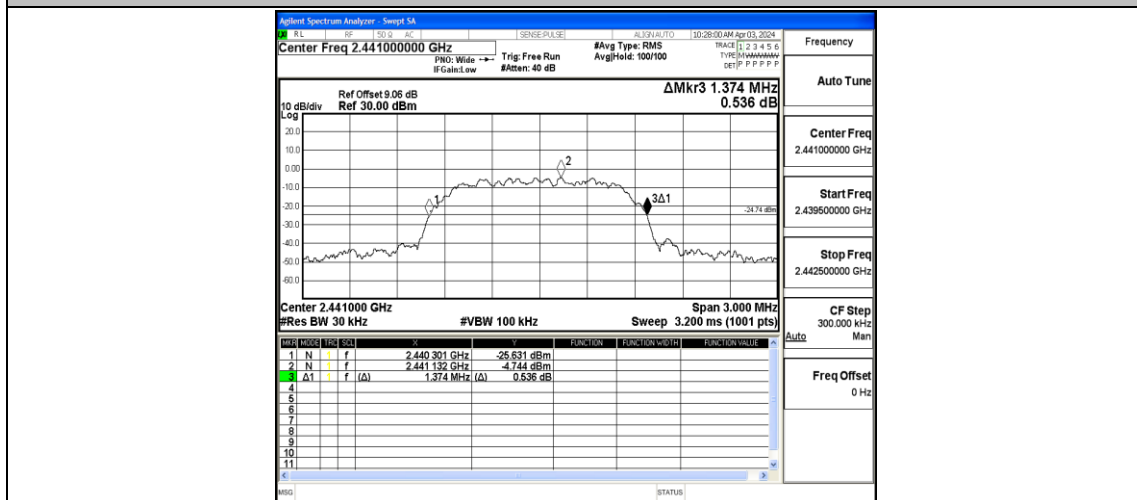
TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.966	2401.520	2402.486	---	---
DH5	Ant1	2441	0.969	2440.517	2441.486	---	---
DH5	Ant1	2480	0.960	2479.523	2480.483	---	---
2DH5	Ant1	2402	1.371	2401.304	2402.675	---	---
2DH5	Ant1	2441	1.374	2440.301	2441.675	---	---
2DH5	Ant1	2480	1.365	2479.310	2480.675	---	---
3DH5	Ant1	2402	1.356	2401.310	2402.666	---	---
3DH5	Ant1	2441	1.353	2440.310	2441.663	---	---
3DH5	Ant1	2480	1.356	2479.307	2480.663	---	---

Test Graphs

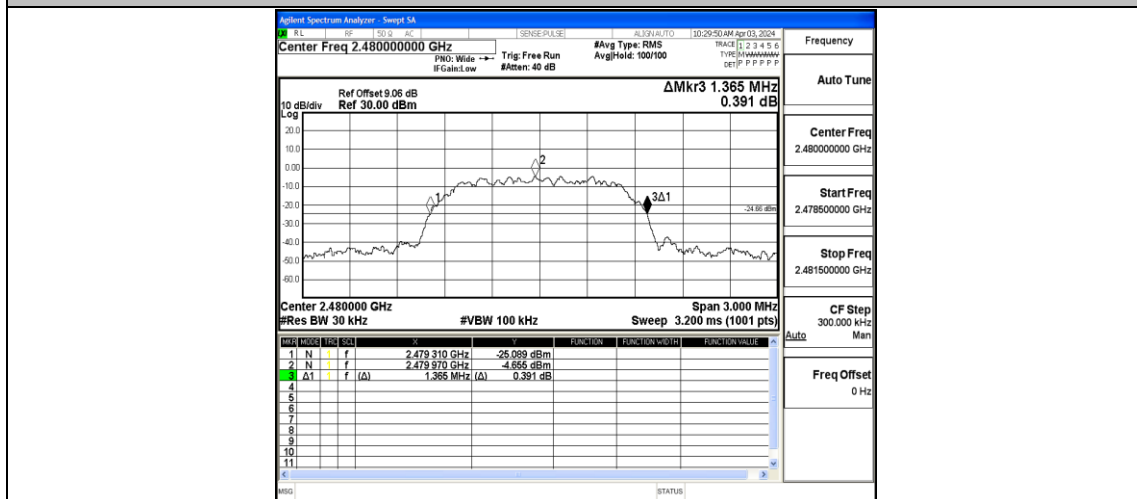




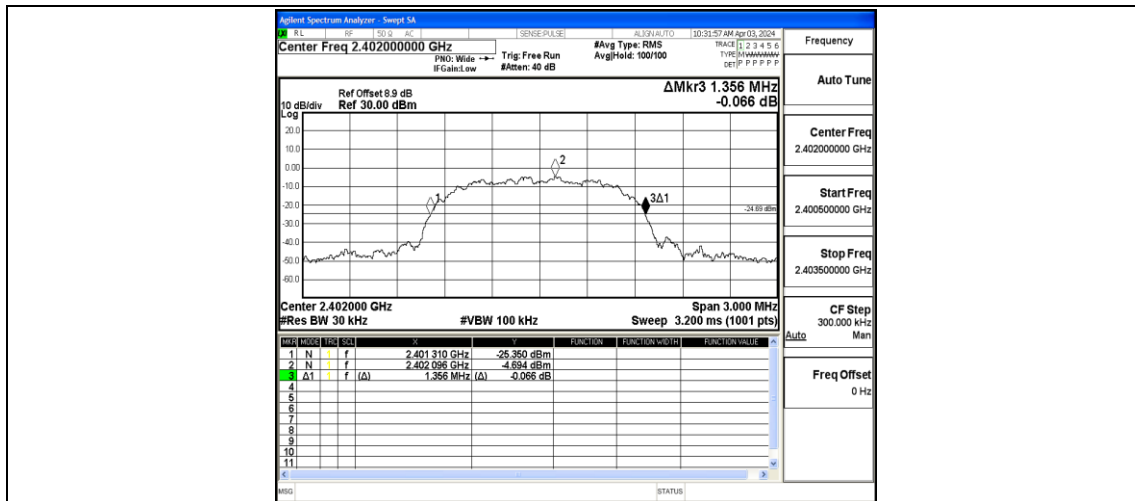
2DH5-Ant1-2402



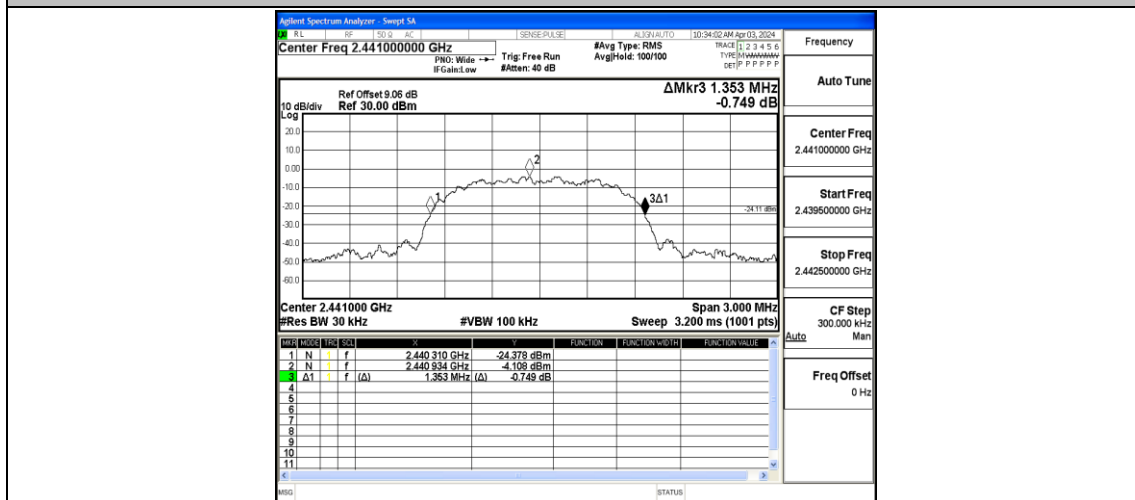
2DH5-Ant1-2441



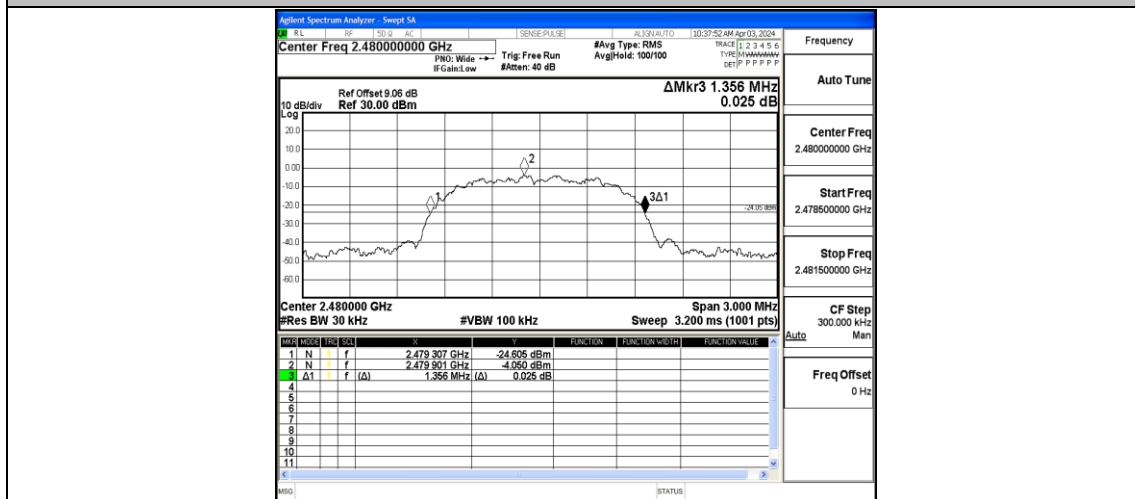
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



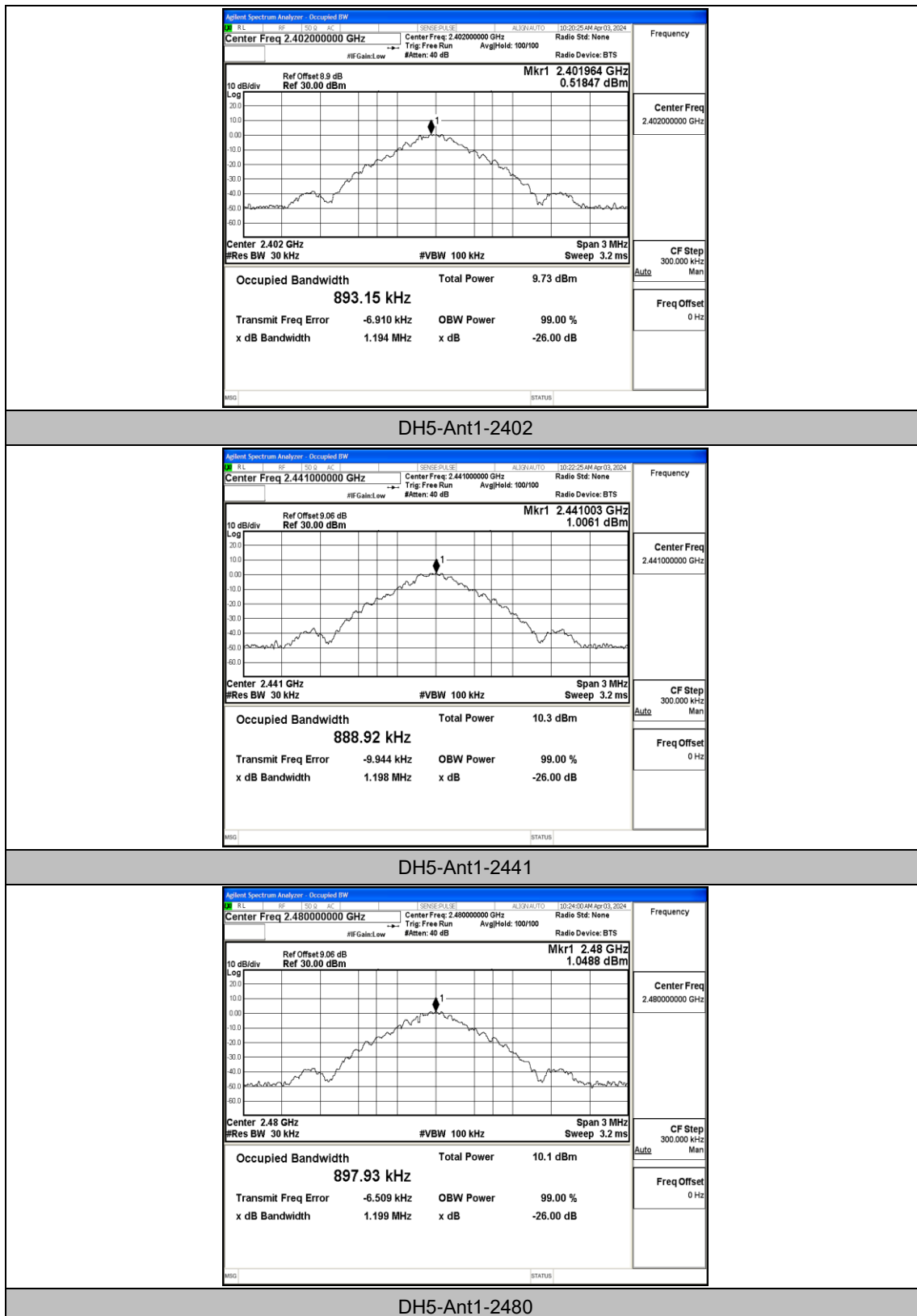
3DH5-Ant1-2480

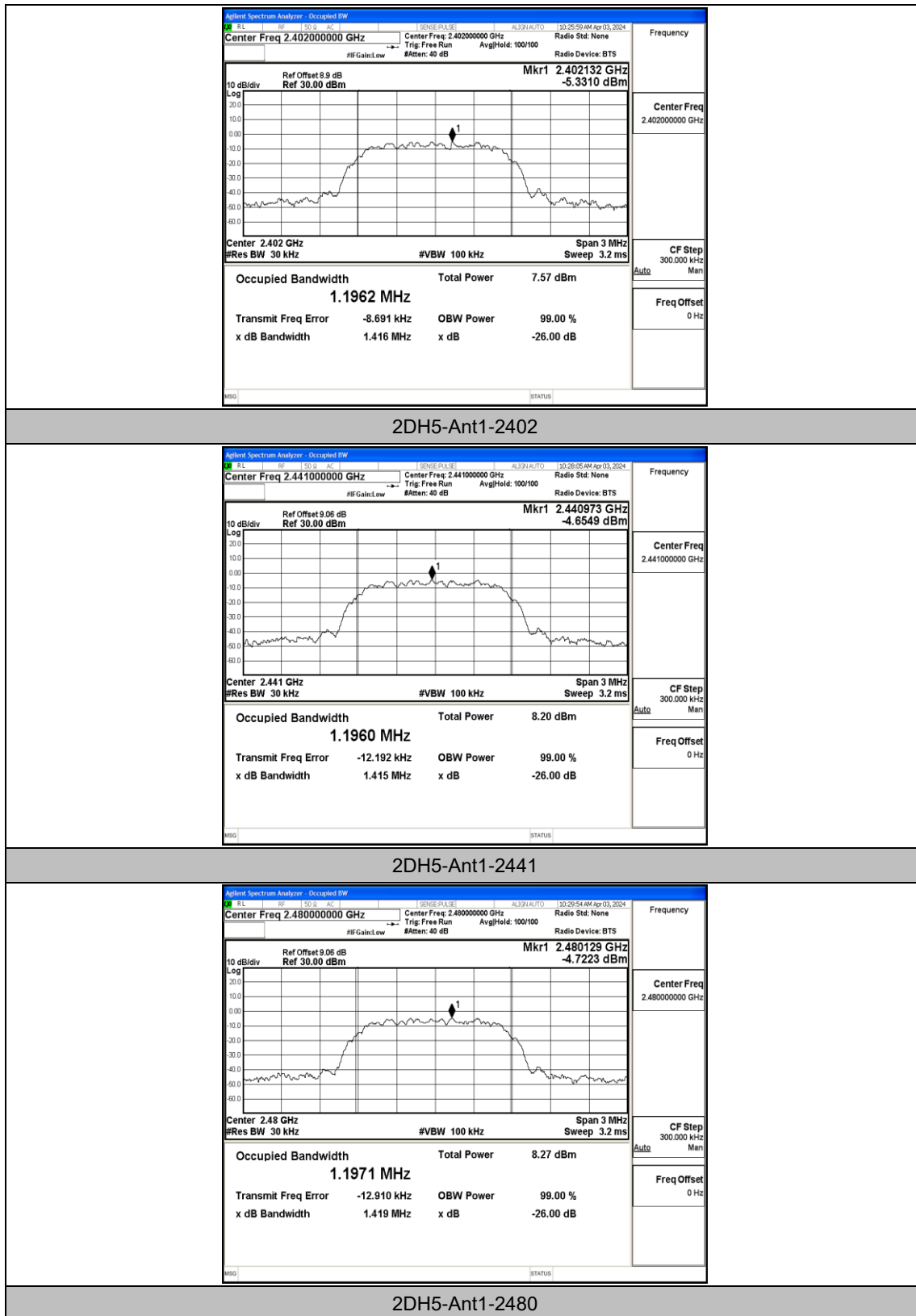
Appendix B: Occupied Channel Bandwidth

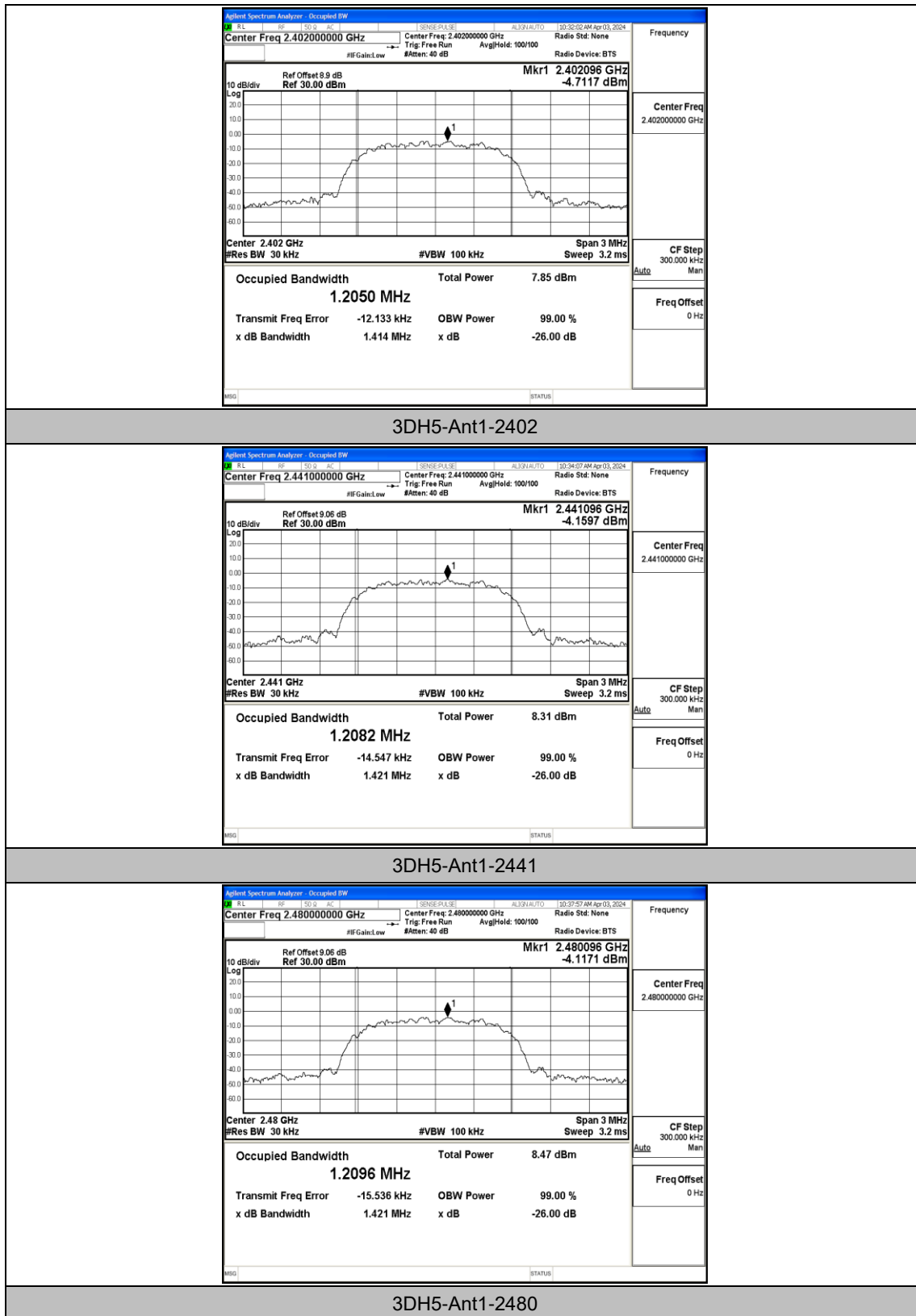
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89315	2401.5465	2402.4397	---	---
DH5	Ant1	2441	0.88892	2440.5456	2441.4345	---	---
DH5	Ant1	2480	0.89793	2479.5445	2480.4425	---	---
2DH5	Ant1	2402	1.1962	2401.3932	2402.5894	---	---
2DH5	Ant1	2441	1.1960	2440.3898	2441.5858	---	---
2DH5	Ant1	2480	1.1971	2479.3885	2480.5856	---	---
3DH5	Ant1	2402	1.2050	2401.3854	2402.5904	---	---
3DH5	Ant1	2441	1.2082	2440.3814	2441.5896	---	---
3DH5	Ant1	2480	1.2096	2479.3797	2480.5893	---	---

Test Graphs





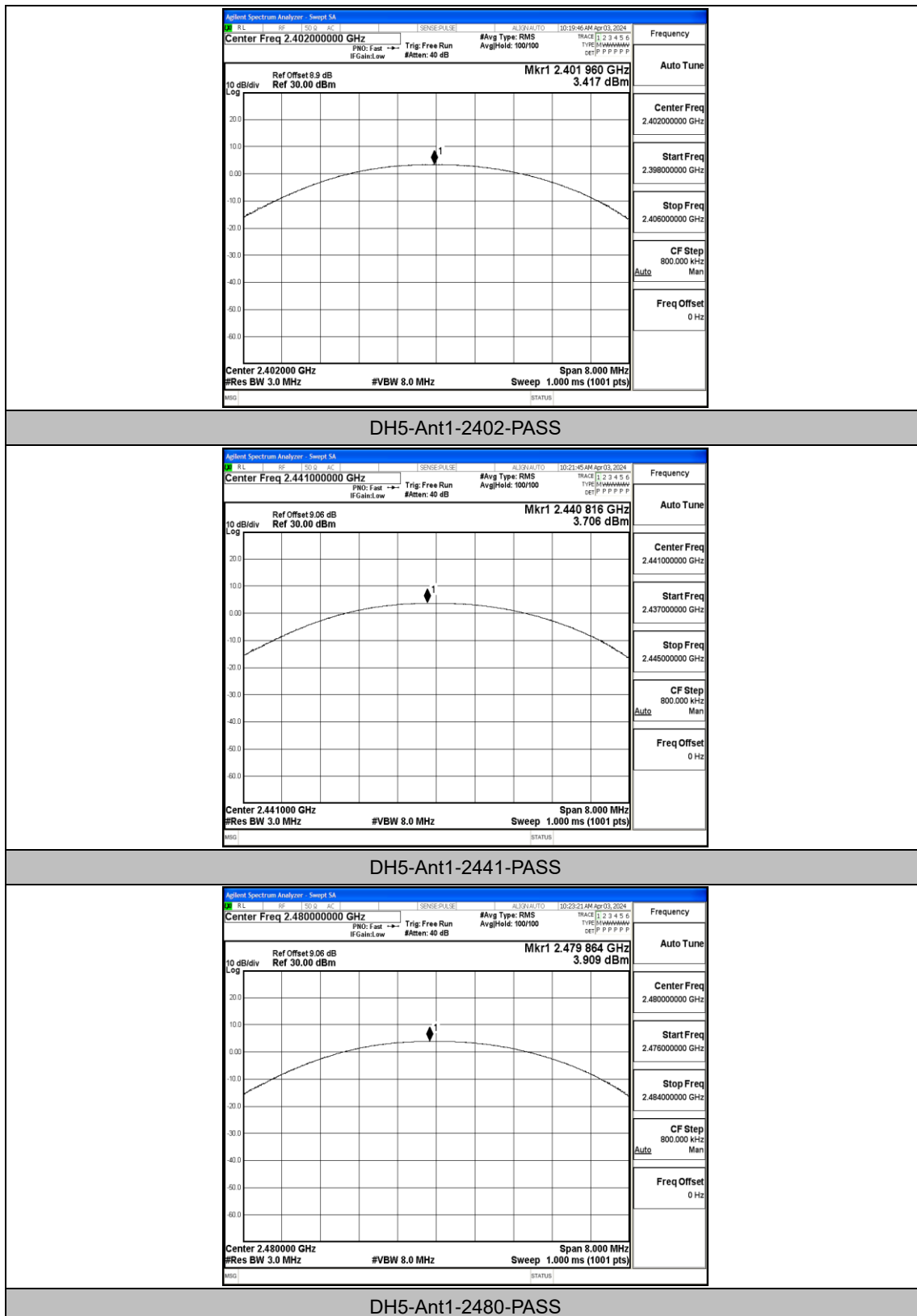


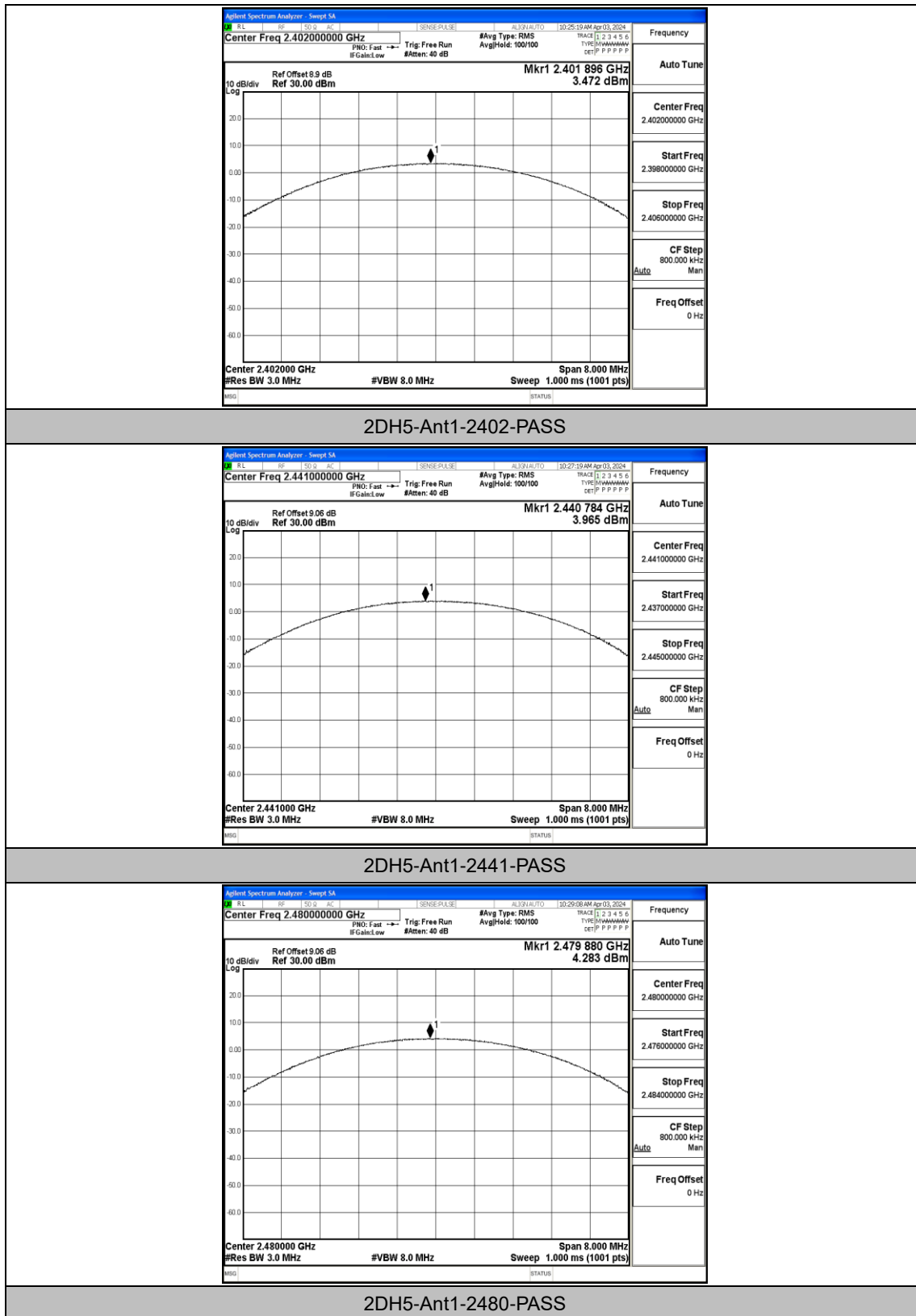
Appendix C: Maximum peak conducted output power

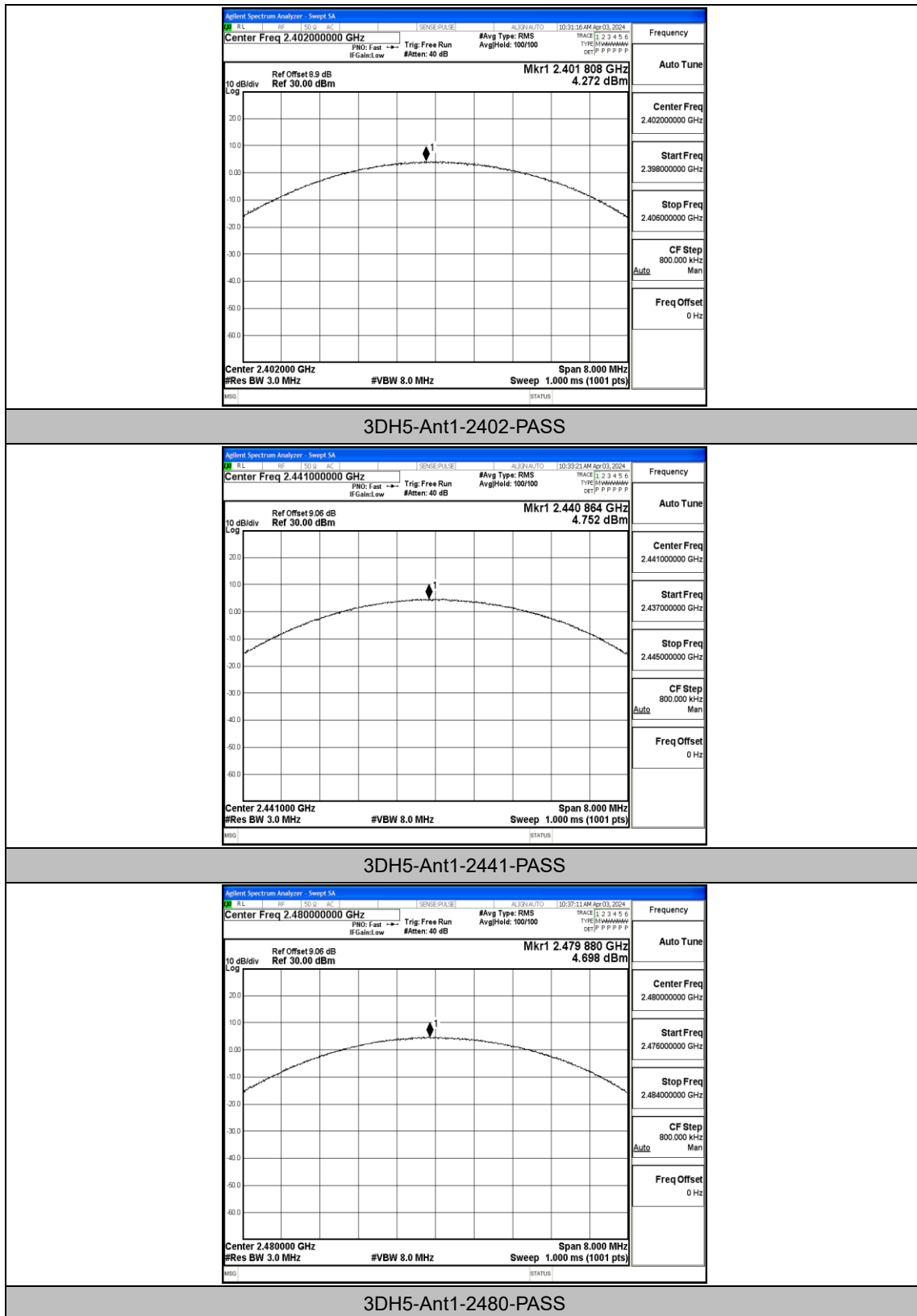
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.42	≤20.97	PASS
DH5	Ant1	2441	3.71	≤20.97	PASS
DH5	Ant1	2480	3.91	≤20.97	PASS
2DH5	Ant1	2402	3.47	≤30	PASS
2DH5	Ant1	2441	3.97	≤20.97	PASS
2DH5	Ant1	2480	4.28	≤20.97	PASS
3DH5	Ant1	2402	4.27	≤30	PASS
3DH5	Ant1	2441	4.75	≤20.97	PASS
3DH5	Ant1	2480	4.70	≤20.97	PASS

Test Graphs





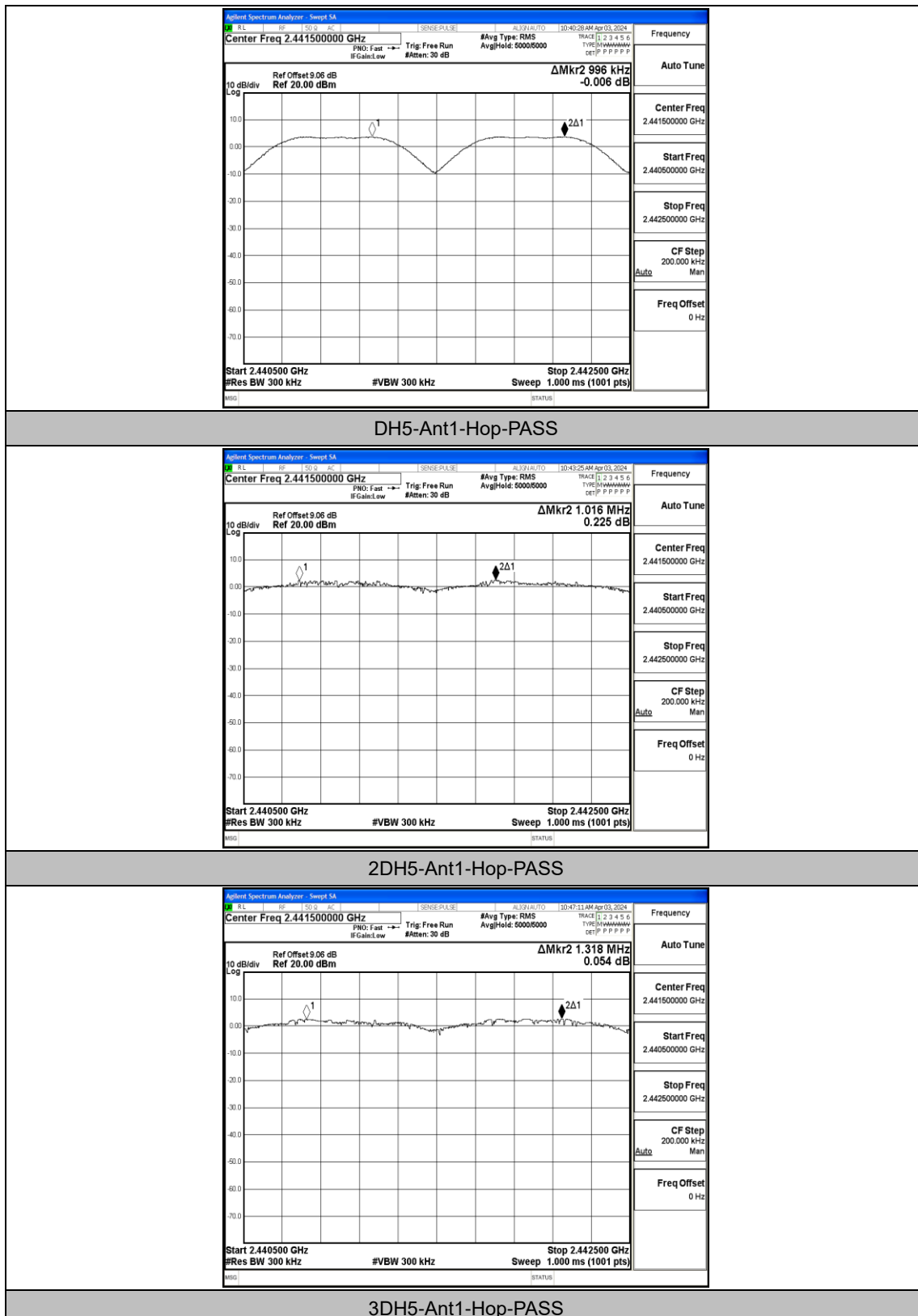


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.969	PASS
2DH5	Ant1	Hop	1.016	≥ 0.916	PASS
3DH5	Ant1	Hop	1.318	≥ 0.904	PASS

Test Graphs

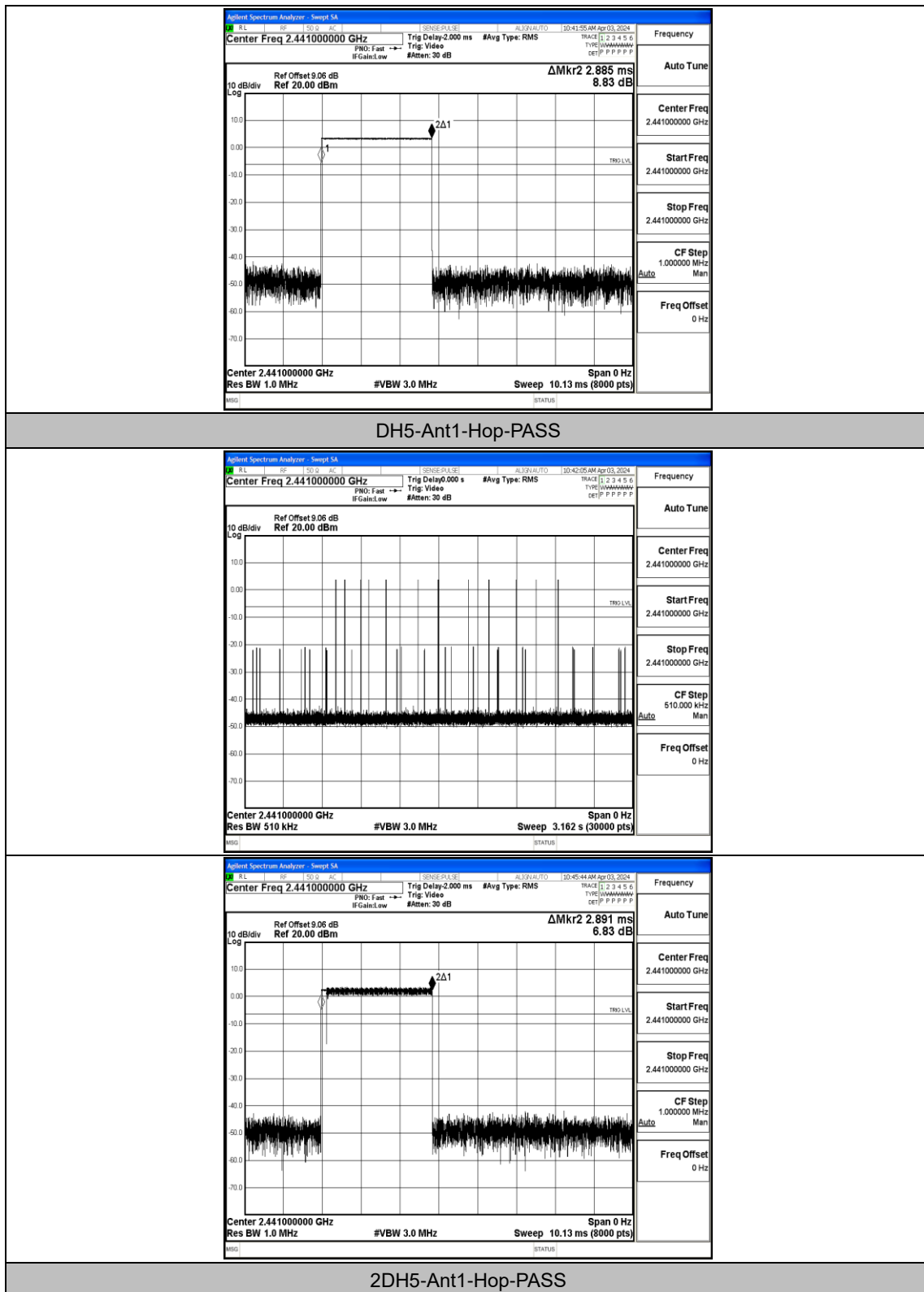


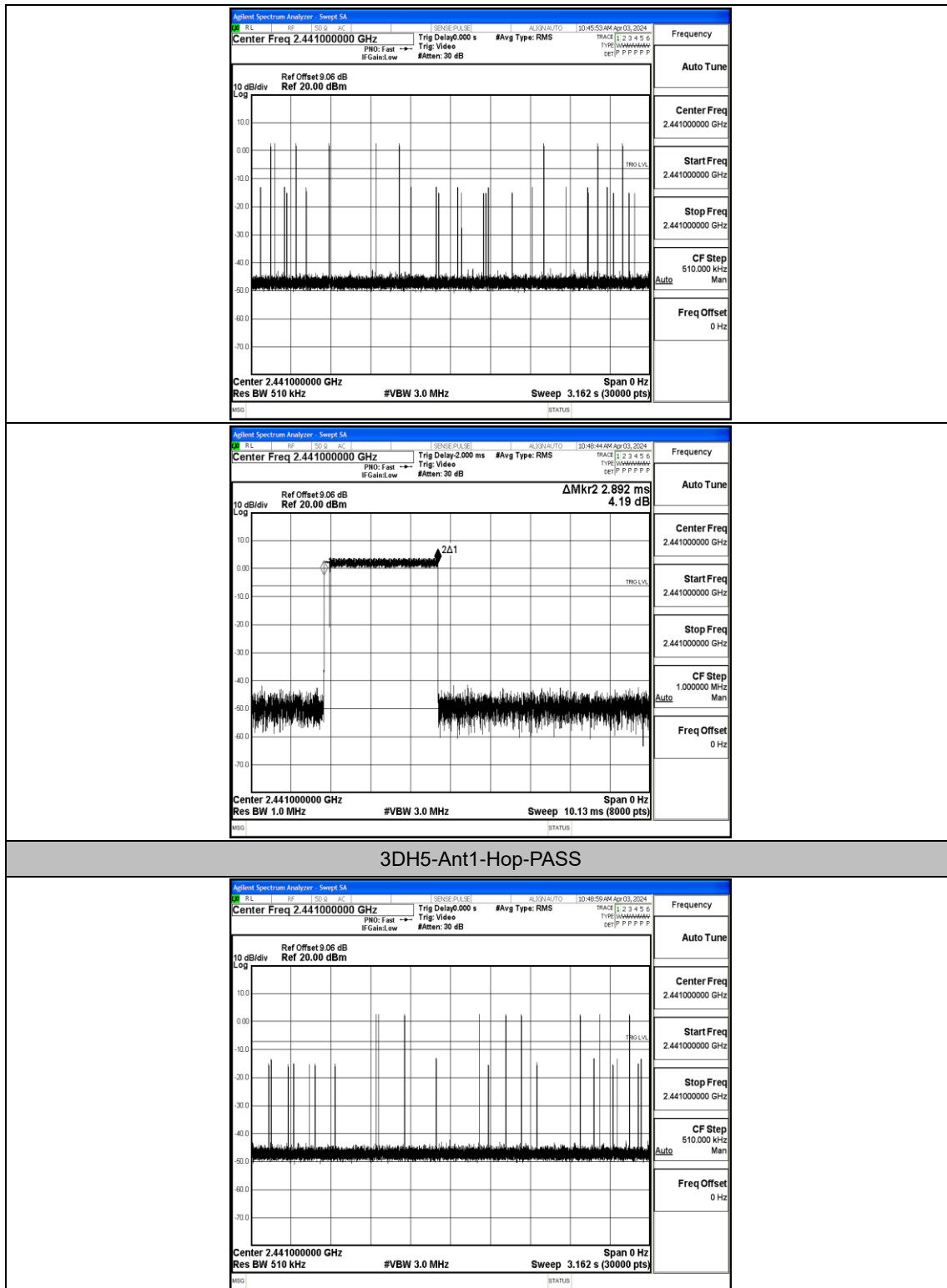
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	130	0.375	≤0.4	PASS
2DH5	Ant1	Hop	2.891	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.892	110	0.318	≤0.4	PASS

Test Graphs



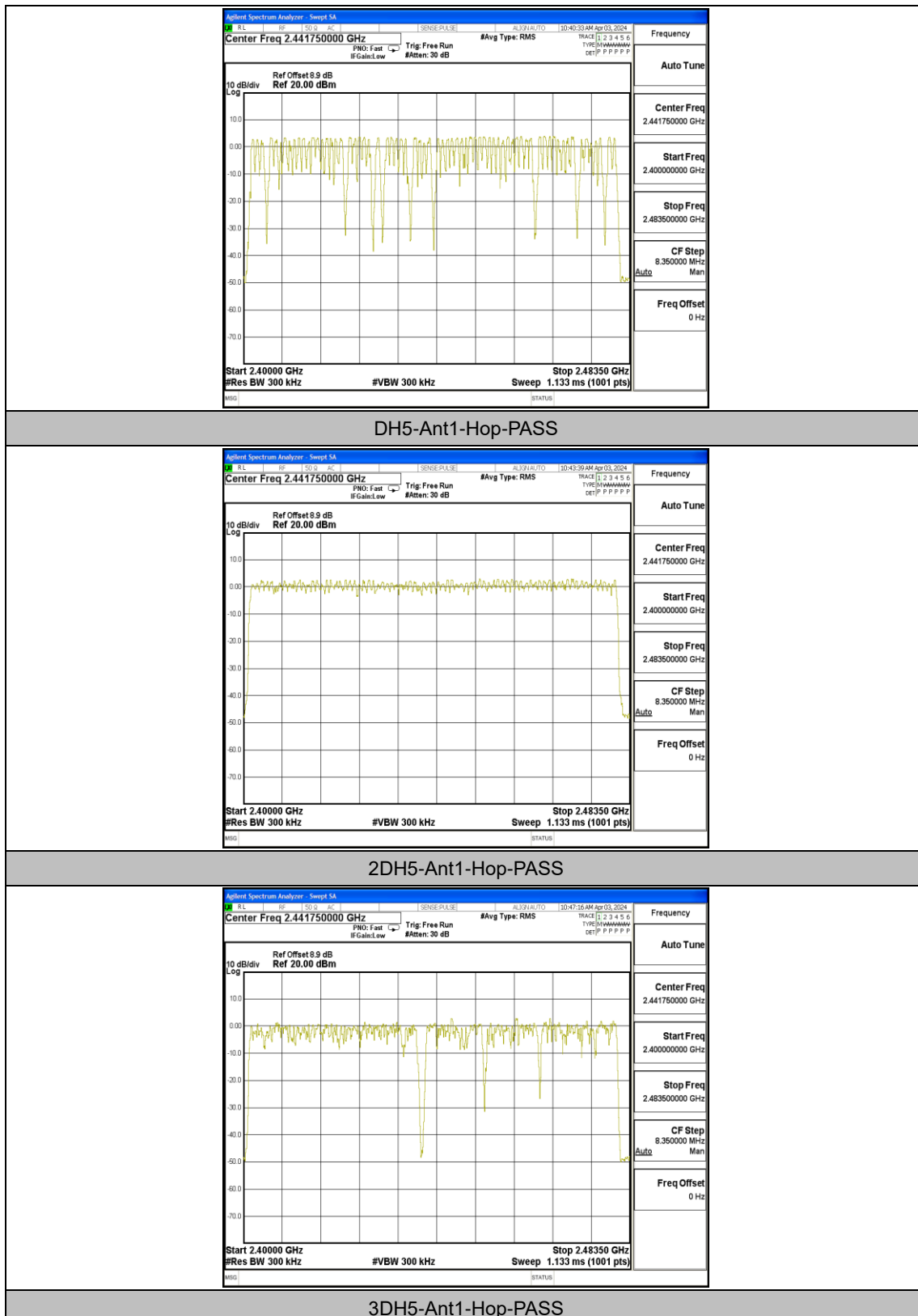


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

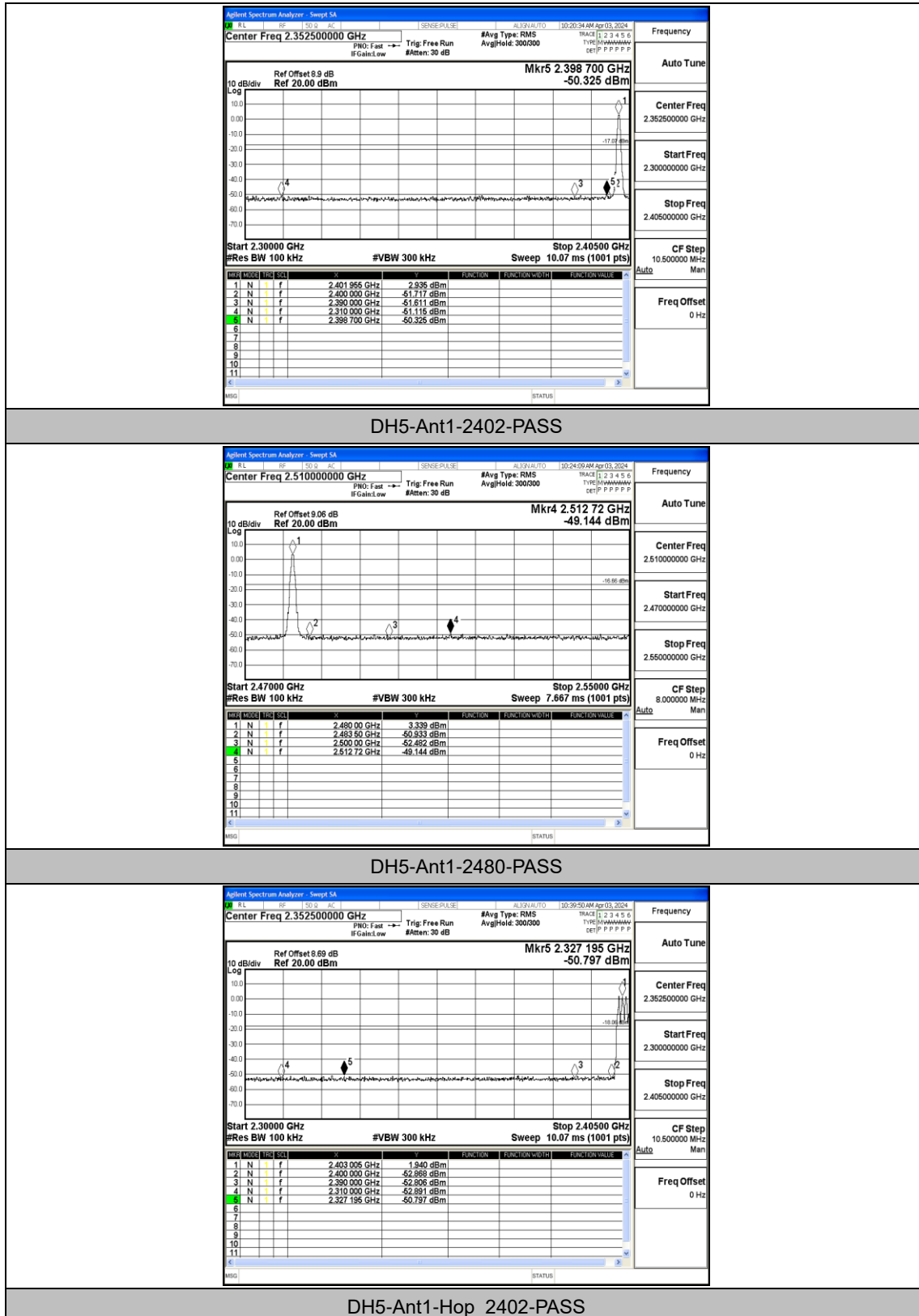


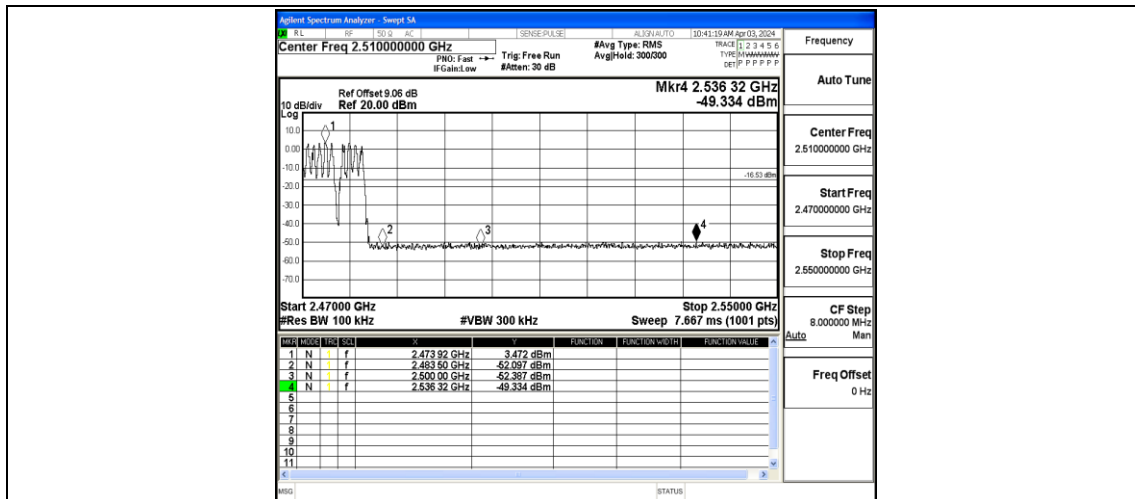
Appendix G: Band edge measurements

Test Result

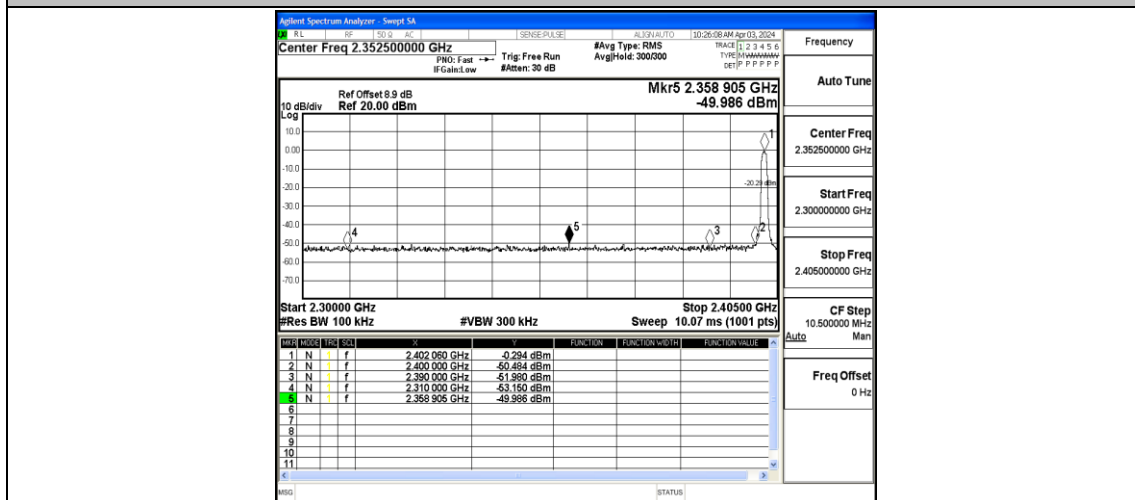
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.94	-50.33	≤-17.07	PASS
DH5	Ant1	High	2480	3.34	-49.14	≤-16.66	PASS
DH5	Ant1	Low	Hop_2402	1.94	-50.8	≤-18.06	PASS
DH5	Ant1	High	Hop_2480	3.47	-49.33	≤-16.53	PASS
2DH5	Ant1	Low	2402	-0.29	-49.99	≤-20.29	PASS
2DH5	Ant1	High	2480	0.43	-49.59	≤-19.57	PASS
2DH5	Ant1	Low	Hop_2402	-1.36	-50.82	≤-21.36	PASS
2DH5	Ant1	High	Hop_2480	2.68	-49.42	≤-17.32	PASS
3DH5	Ant1	Low	2402	-0.34	-49.91	≤-20.34	PASS
3DH5	Ant1	High	2480	0.48	-49.82	≤-19.52	PASS
3DH5	Ant1	Low	Hop_2402	1.41	-50.31	≤-18.59	PASS
3DH5	Ant1	High	Hop_2480	0.74	-49.72	≤-19.26	PASS

Test Graphs

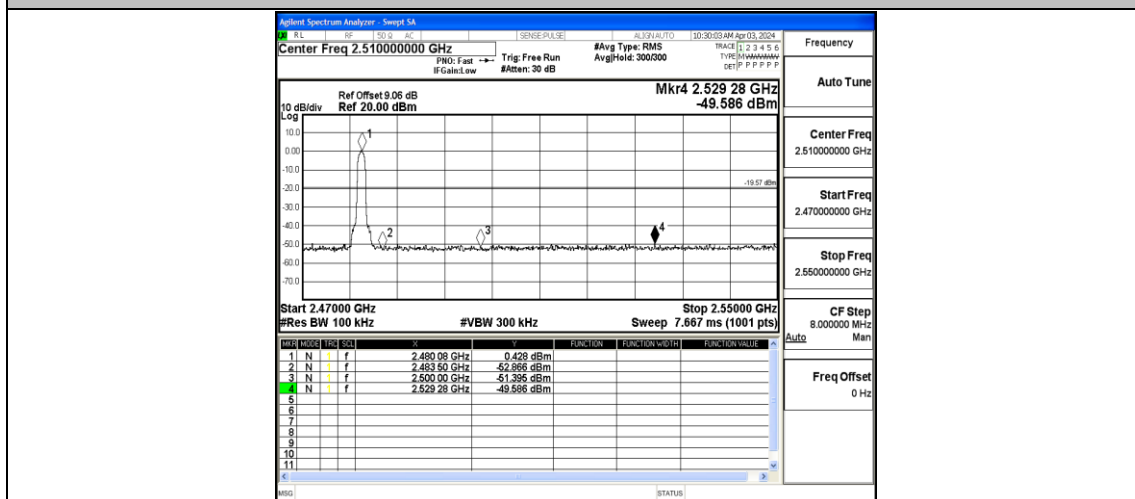




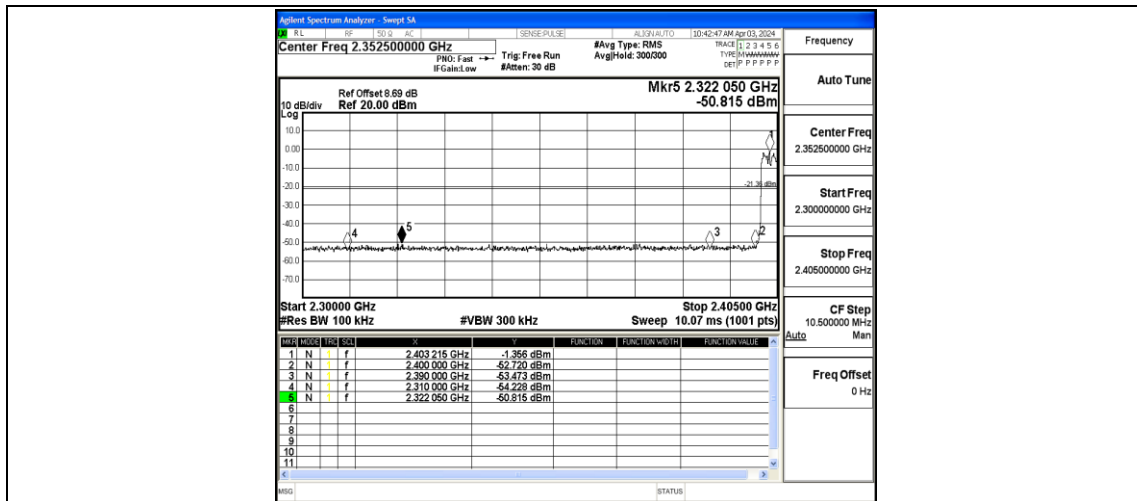
DH5-Ant1-Hop_2480-PASS



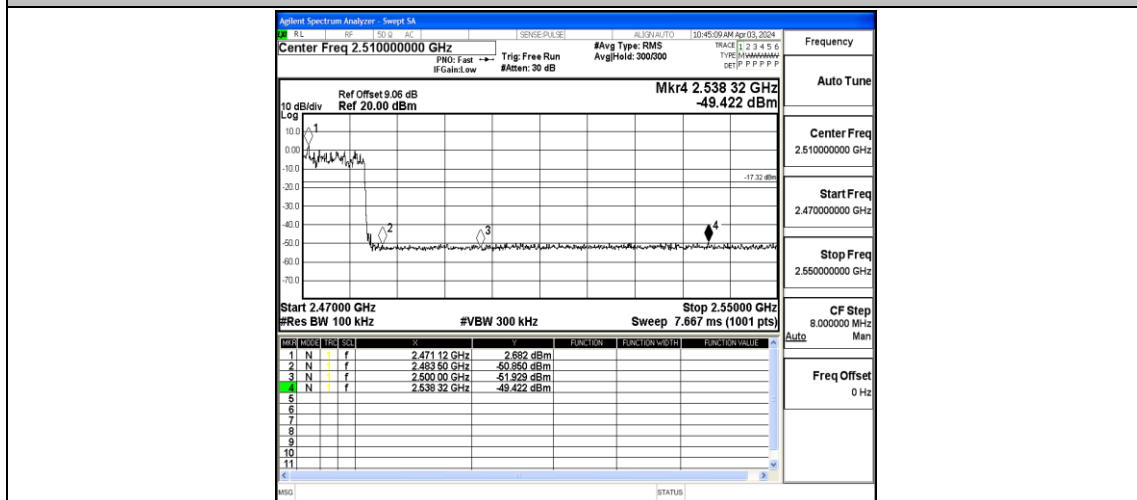
2DH5-Ant1-2402-PASS



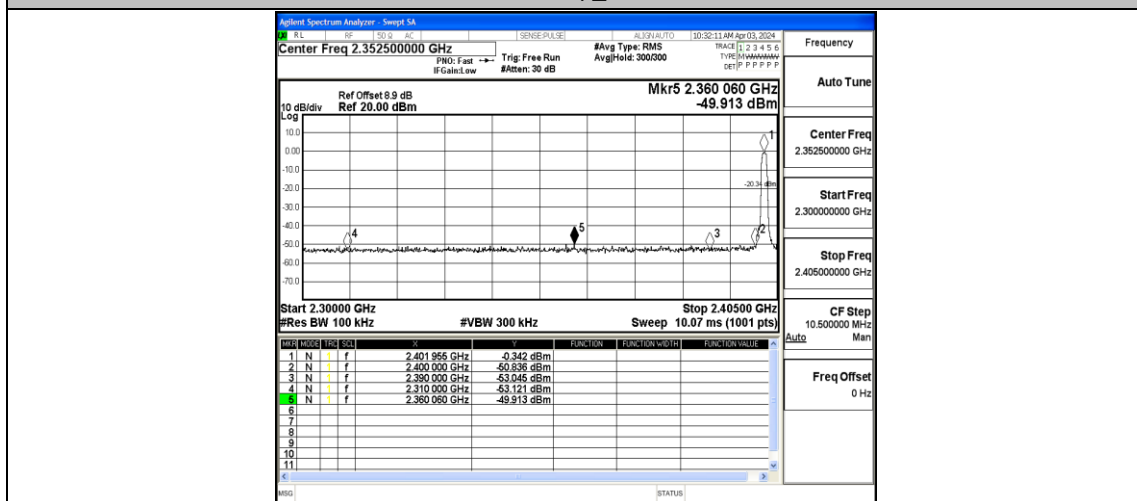
2DH5-Ant1-2480-PASS



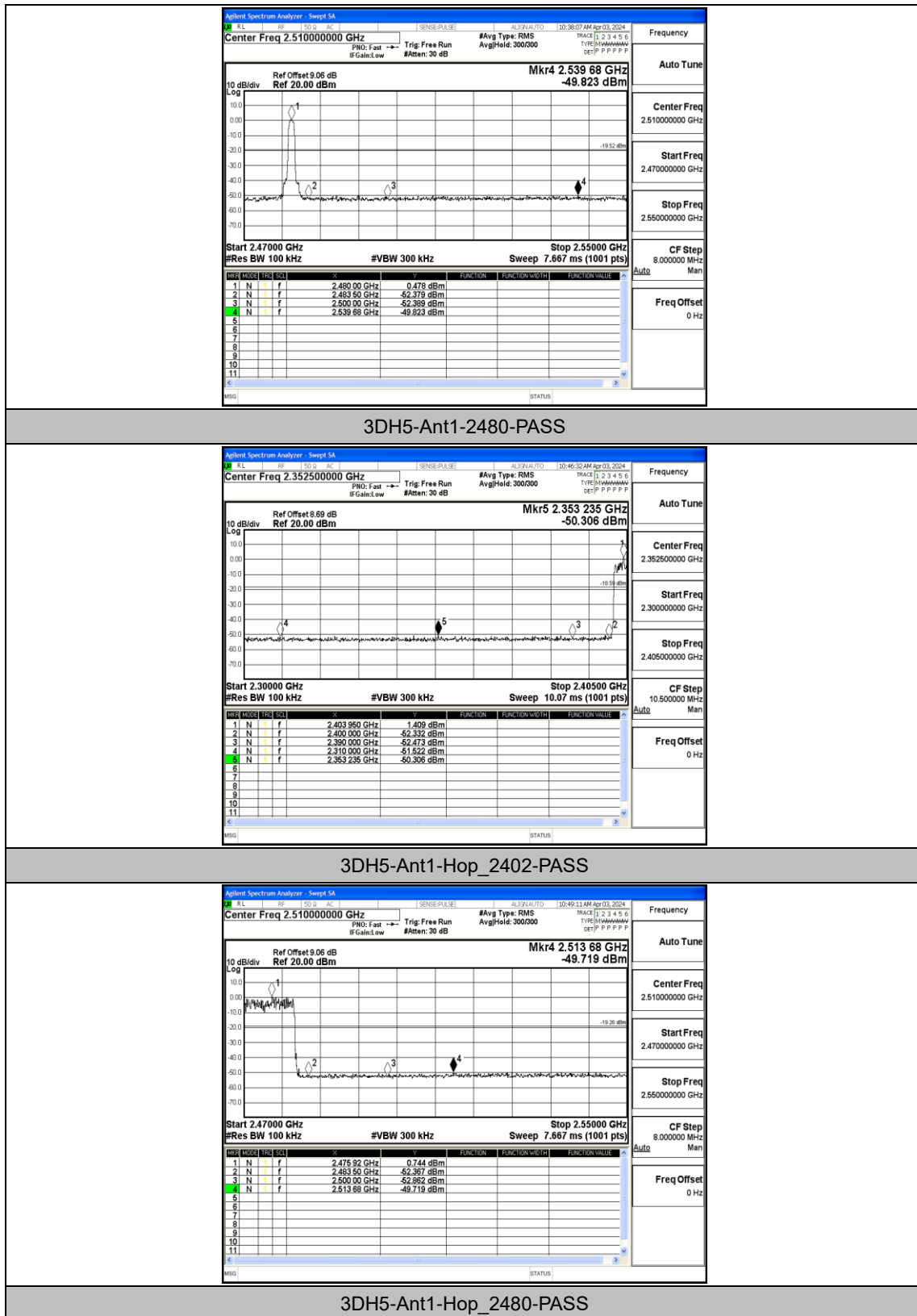
2DH5-Ant1-Hop_2402-PASS



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	2.30	2.30	---	PASS
DH5	Ant1	2402	30~1000	2.30	-58.94	≤-17.7	PASS
DH5	Ant1	2402	1000~26500	2.30	-43.24	≤-17.7	PASS
DH5	Ant1	2441	0~Reference	2.94	2.94	---	PASS
DH5	Ant1	2441	30~1000	2.94	-61.84	≤-17.06	PASS
DH5	Ant1	2441	1000~26500	2.94	-33.39	≤-17.06	PASS
DH5	Ant1	2480	0~Reference	2.89	2.89	---	PASS
DH5	Ant1	2480	30~1000	2.89	-61.87	≤-17.11	PASS
DH5	Ant1	2480	1000~26500	2.89	-45.19	≤-17.11	PASS
2DH5	Ant1	2402	0~Reference	-0.81	-0.81	---	PASS
2DH5	Ant1	2402	30~1000	-0.81	-61.19	≤-20.81	PASS
2DH5	Ant1	2402	1000~26500	-0.81	-45.89	≤-20.81	PASS
2DH5	Ant1	2441	0~Reference	-0.19	-0.19	---	PASS
2DH5	Ant1	2441	30~1000	-0.19	-62.82	≤-20.19	PASS
2DH5	Ant1	2441	1000~26500	-0.19	-39.83	≤-20.19	PASS
2DH5	Ant1	2480	0~Reference	-1.19	-1.19	---	PASS
2DH5	Ant1	2480	30~1000	-1.19	-62.7	≤-21.19	PASS
2DH5	Ant1	2480	1000~26500	-1.19	-50.21	≤-21.19	PASS
3DH5	Ant1	2402	0~Reference	-1.12	-1.12	---	PASS
3DH5	Ant1	2402	30~1000	-1.12	-62.76	≤-21.12	PASS
3DH5	Ant1	2402	1000~26500	-1.12	-39.83	≤-21.12	PASS
3DH5	Ant1	2441	0~Reference	-0.54	-0.54	---	PASS
3DH5	Ant1	2441	30~1000	-0.54	-62.35	≤-20.54	PASS
3DH5	Ant1	2441	1000~26500	-0.54	-49.96	≤-20.54	PASS
3DH5	Ant1	2480	0~Reference	-0.07	-0.07	---	PASS
3DH5	Ant1	2480	30~1000	-0.07	-62.44	≤-20.07	PASS
3DH5	Ant1	2480	1000~26500	-0.07	-50.33	≤-20.07	PASS