

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

Product Name: Smart Watch

Trade Mark: XINJI

Test Model: C1 Plus

FCC ID: 2AE8V-C1PLUS

Environmental Conditions

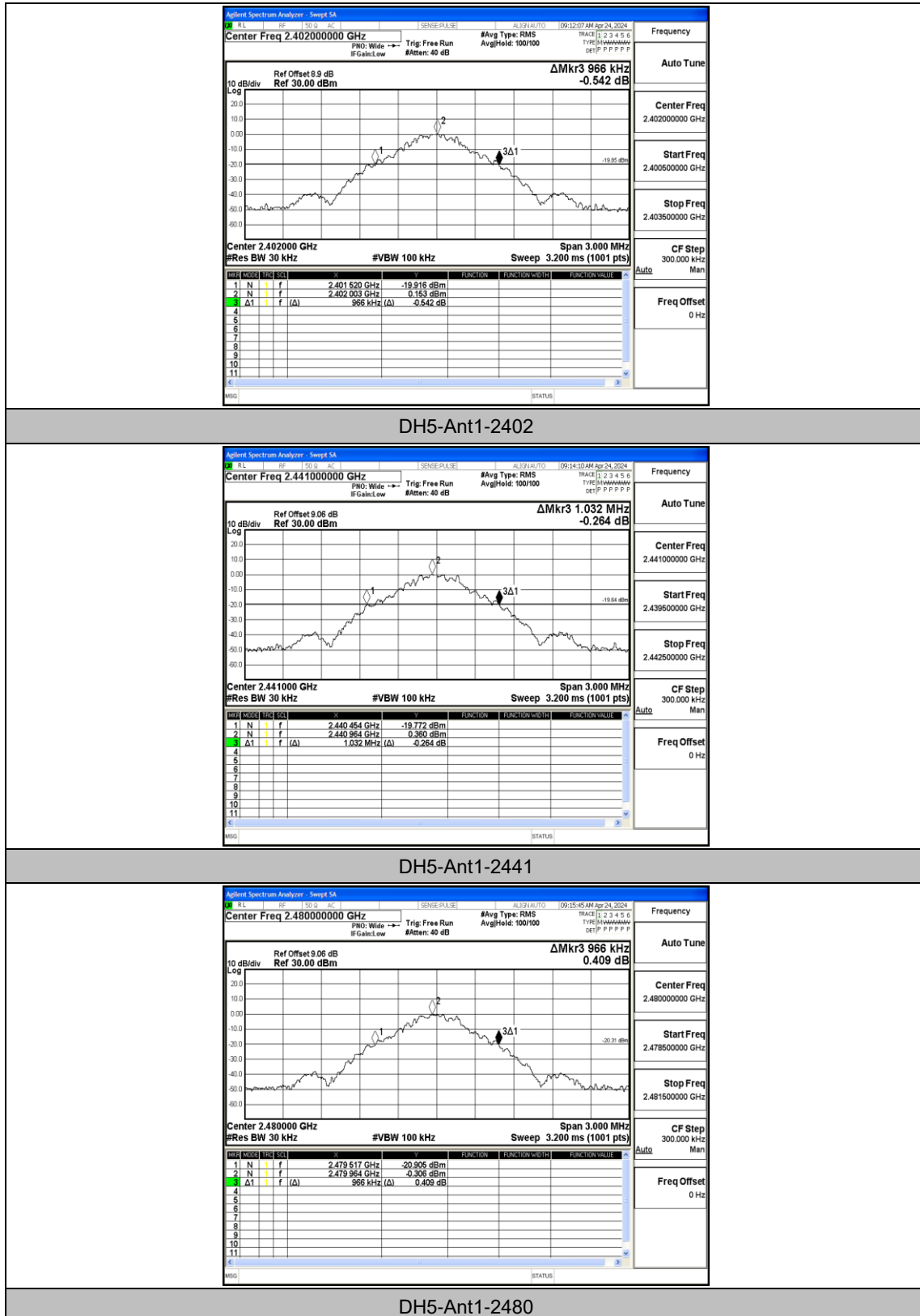
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

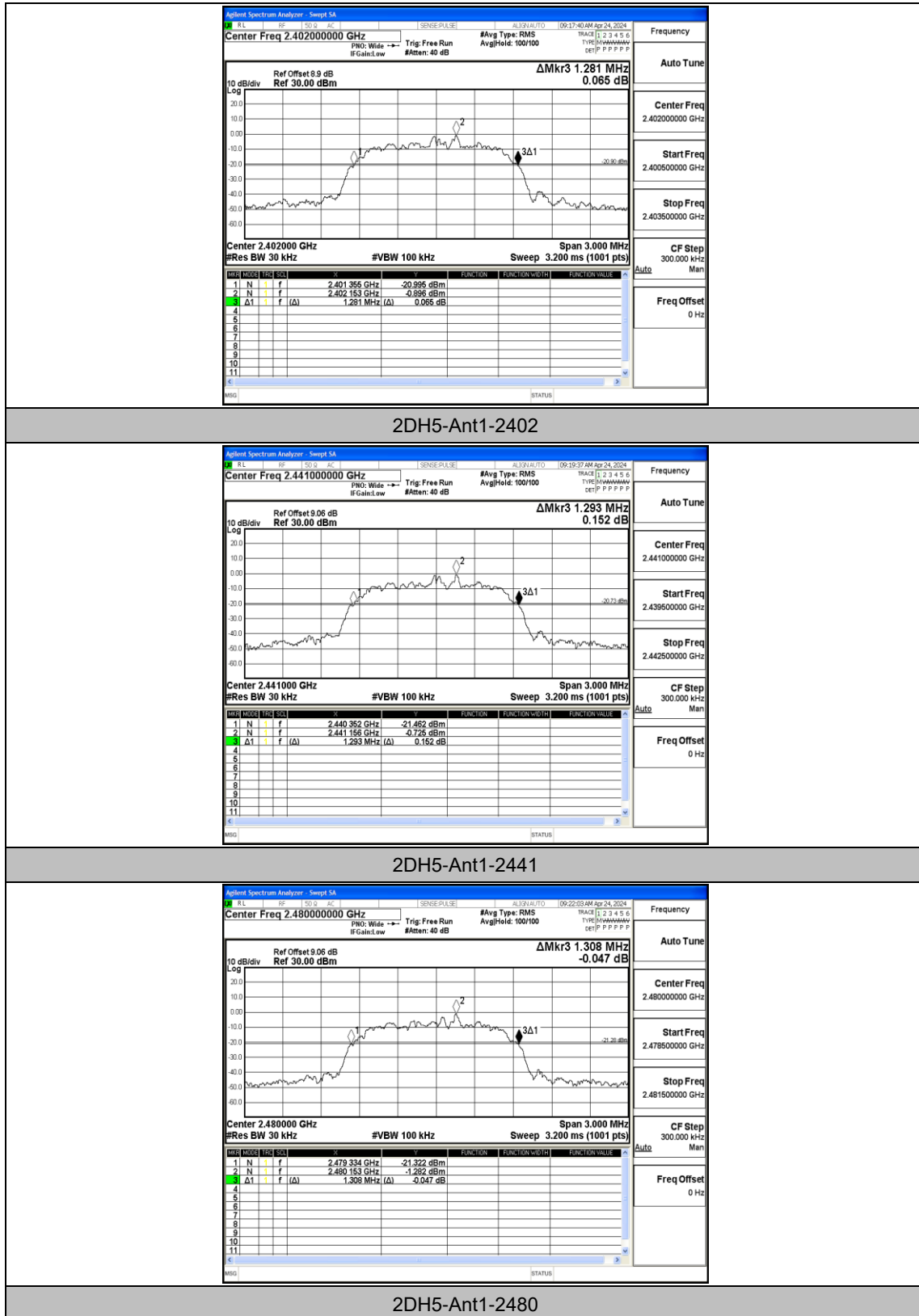
Appendix A: 20dB Emission Bandwidth

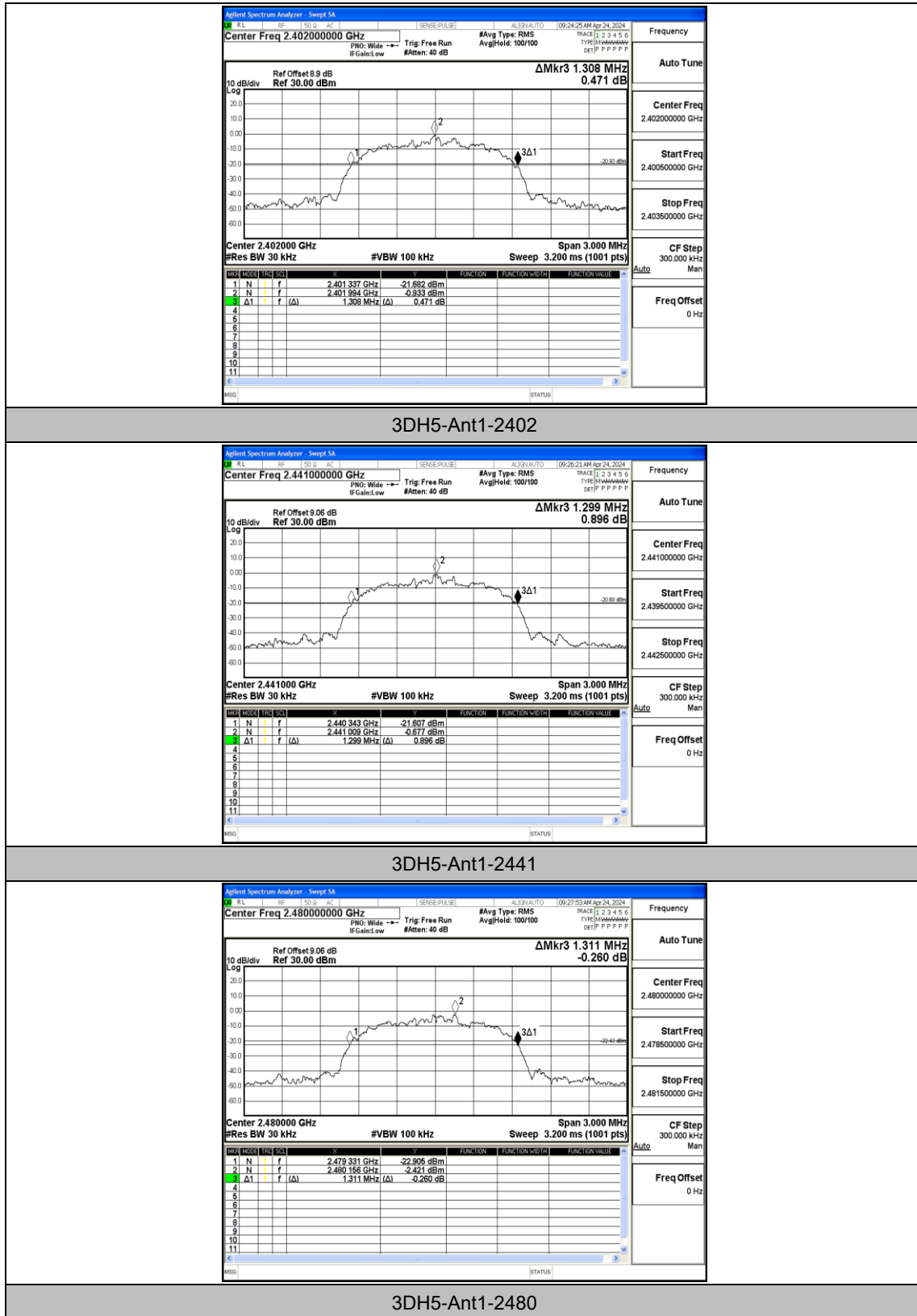
Test Result

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	1.032	2440.454	2441.486	---	---
DH5	Ant1	2480	0.966	2479.517	2480.483	---	---
2DH5	Ant1	2402	1.281	2401.355	2402.636	---	---
2DH5	Ant1	2441	1.293	2440.352	2441.645	---	---
2DH5	Ant1	2480	1.308	2479.334	2480.642	---	---
3DH5	Ant1	2402	1.308	2401.337	2402.645	---	---
3DH5	Ant1	2441	1.299	2440.343	2441.642	---	---
3DH5	Ant1	2480	1.311	2479.331	2480.642	---	---

Test Graphs





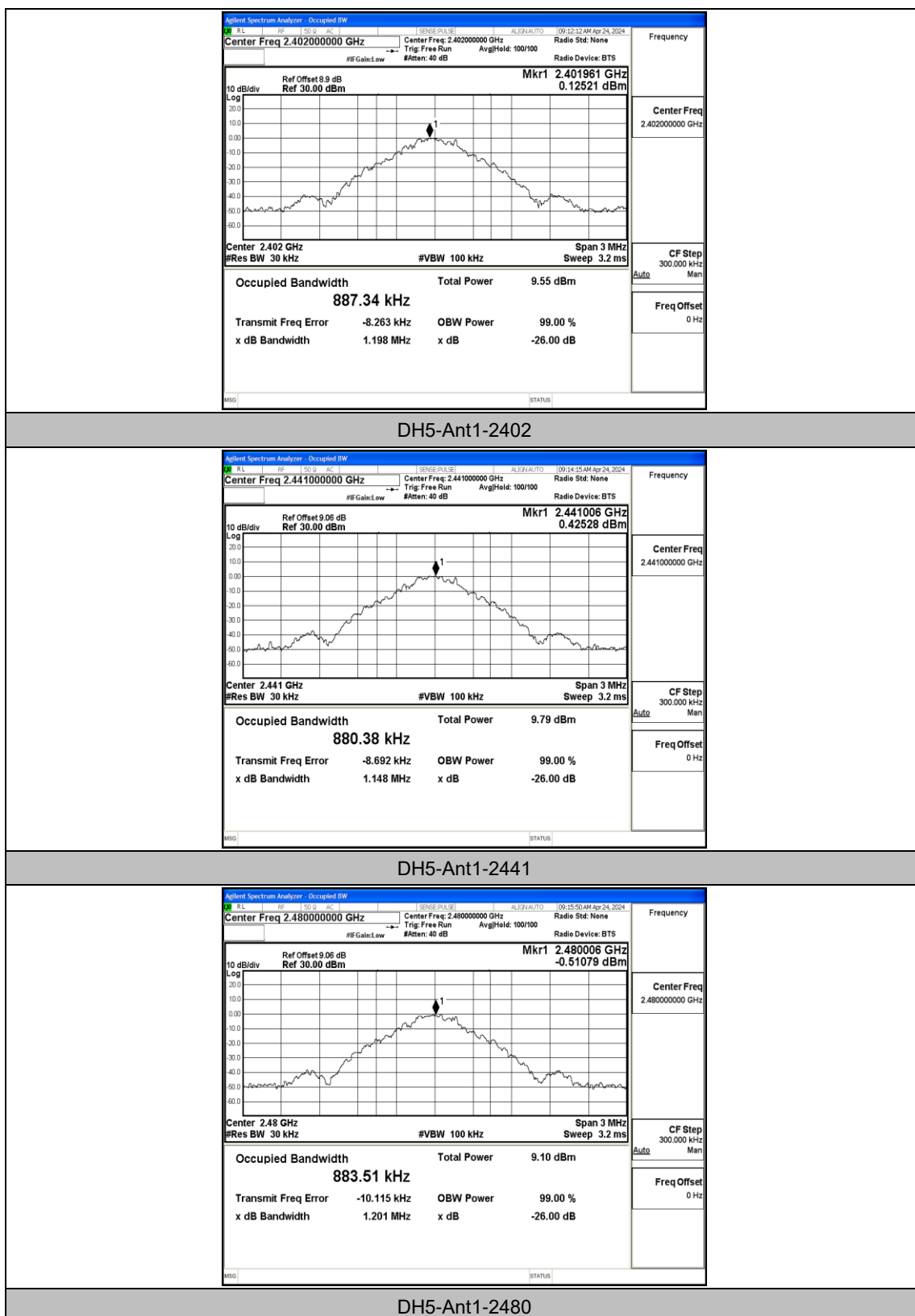


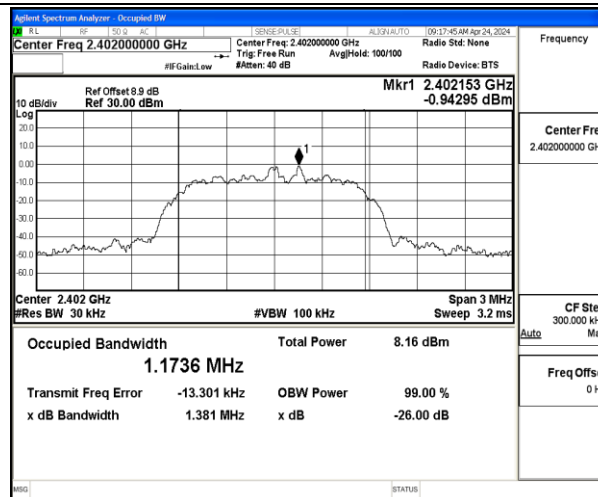
Appendix B: Occupied Channel Bandwidth

Test Result

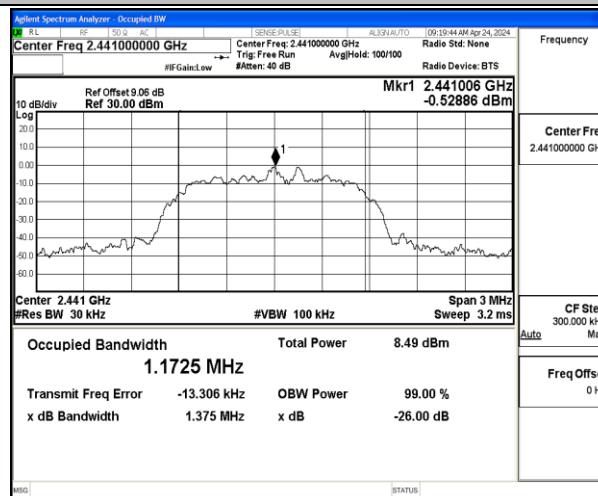
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88734	2401.5481	2402.4354	---	---
DH5	Ant1	2441	0.88038	2440.5511	2441.4315	---	---
DH5	Ant1	2480	0.88351	2479.5481	2480.4316	---	---
2DH5	Ant1	2402	1.1736	2401.3999	2402.5735	---	---
2DH5	Ant1	2441	1.1725	2440.4004	2441.5729	---	---
2DH5	Ant1	2480	1.1891	2479.3924	2480.5815	---	---
3DH5	Ant1	2402	1.1818	2401.3961	2402.5779	---	---
3DH5	Ant1	2441	1.1890	2440.3939	2441.5829	---	---
3DH5	Ant1	2480	1.1832	2479.3955	2480.5787	---	---

Test Graphs

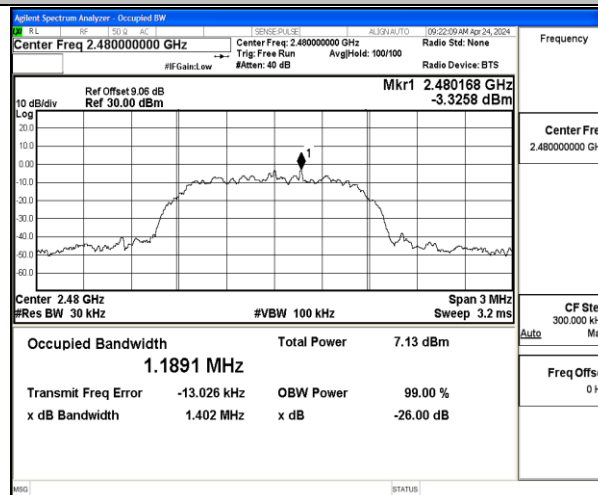




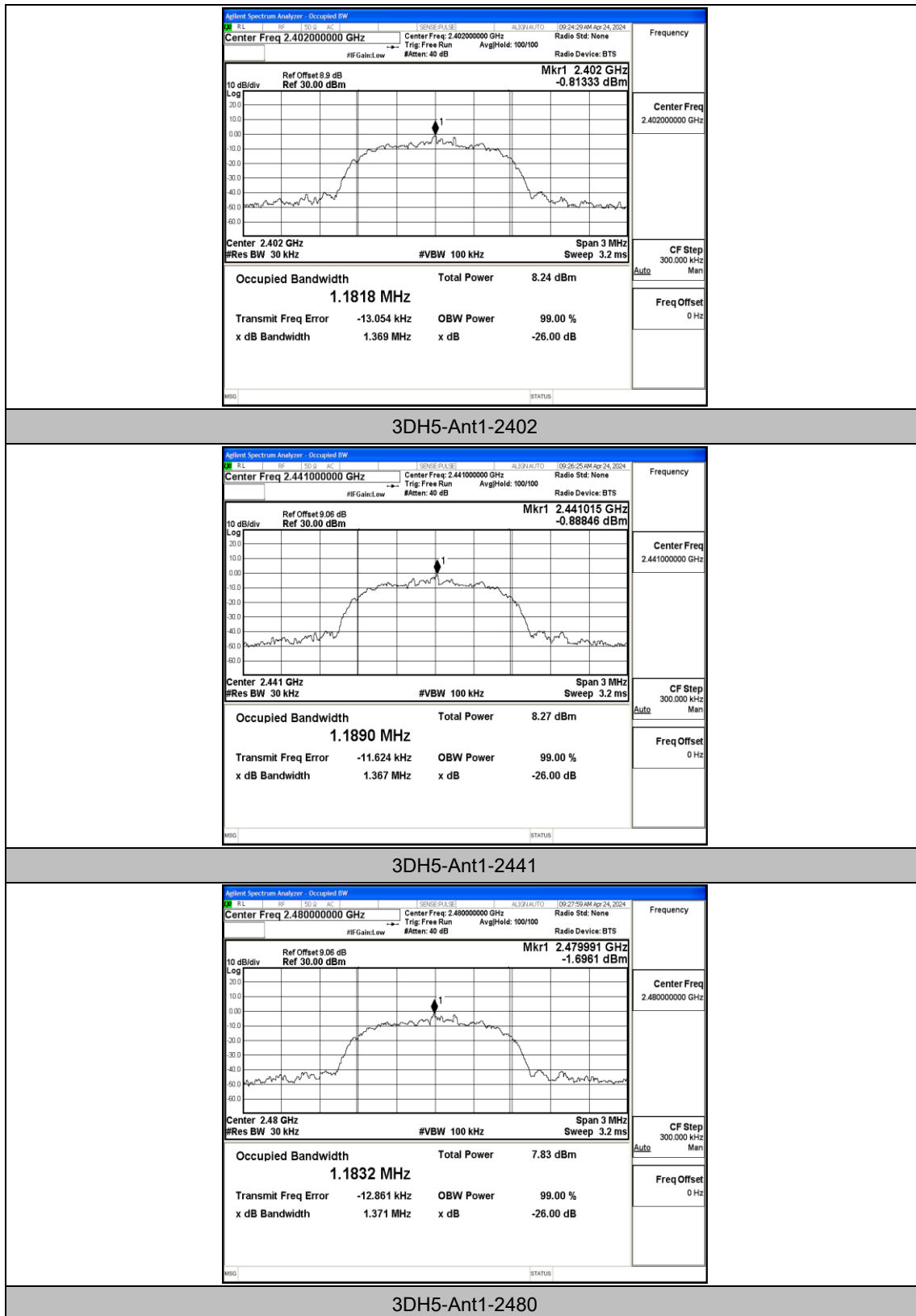
2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

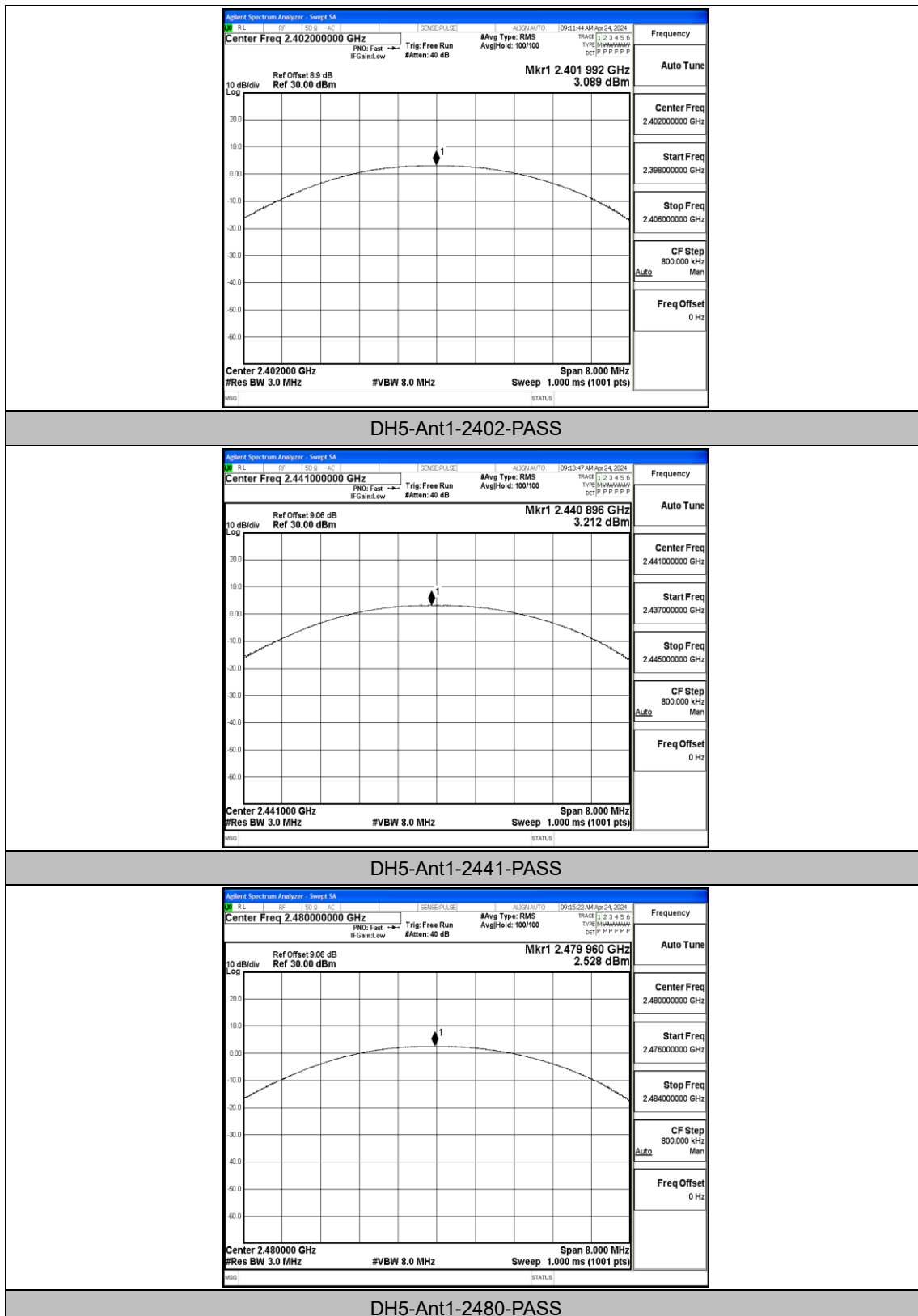


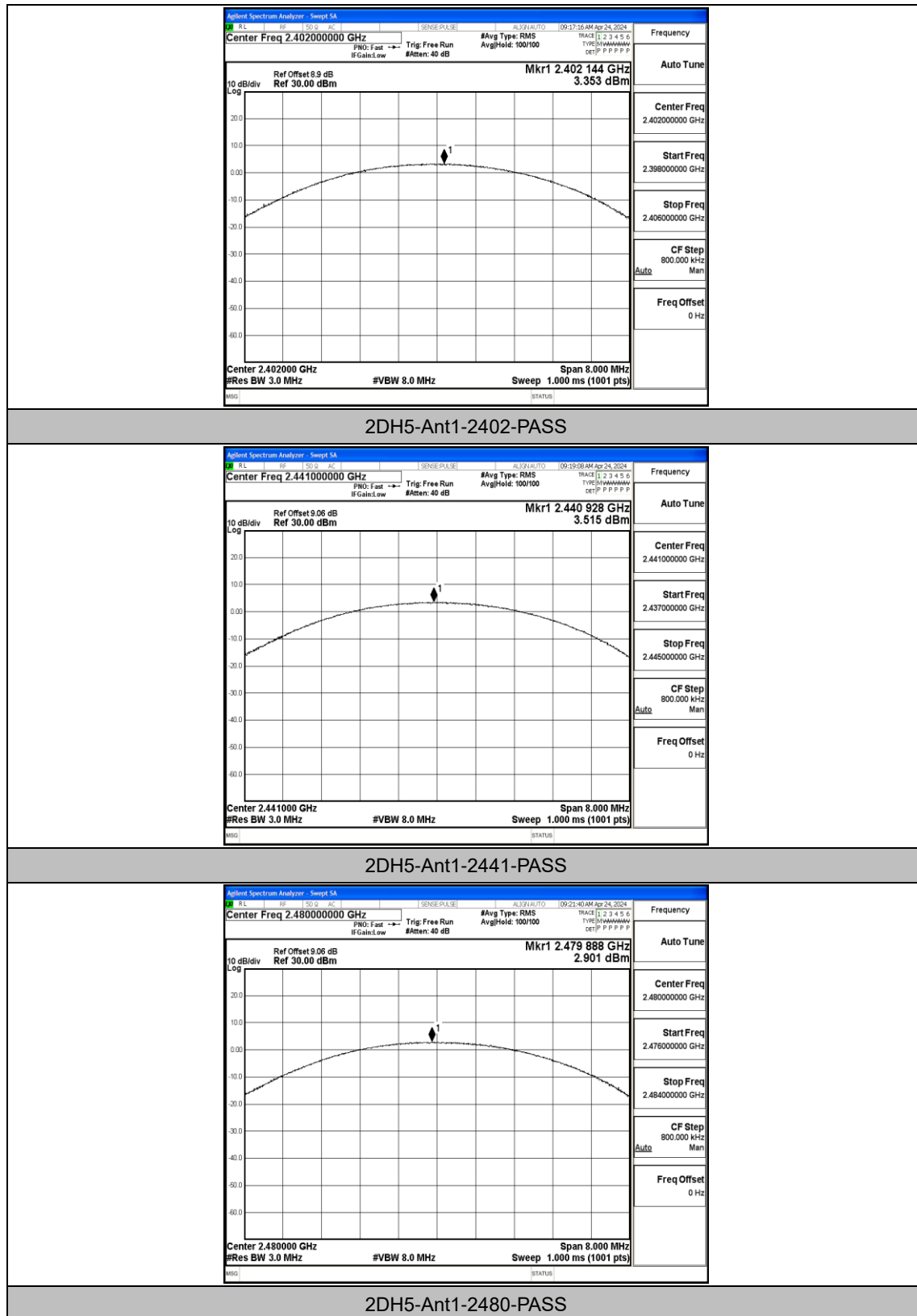
Appendix C: Maximum peak conducted output power

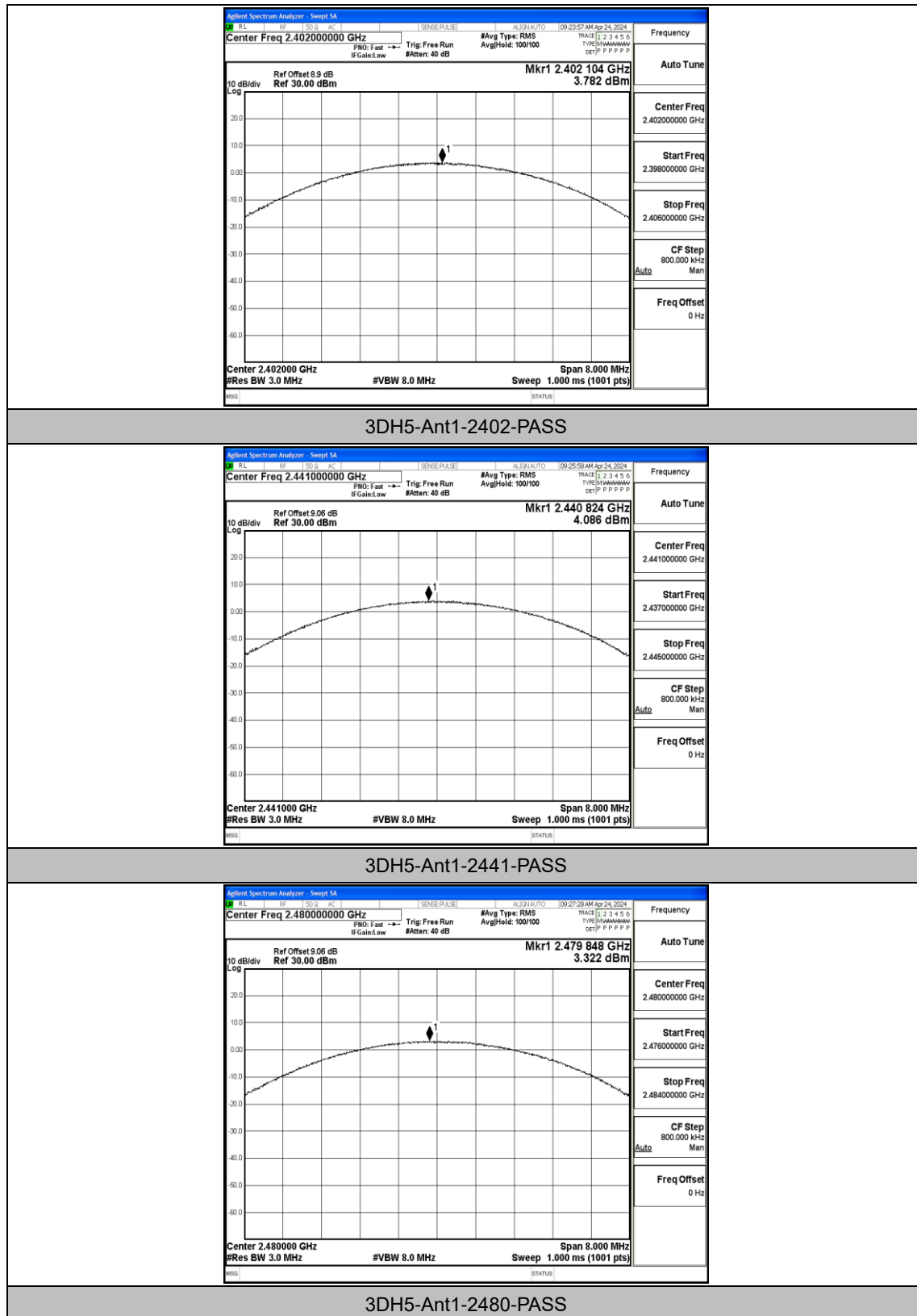
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.07	≤30	PASS
DH5	Ant1	2441	1.44	≤30	PASS
DH5	Ant1	2480	0.74	≤30	PASS
2DH5	Ant1	2402	1.48	≤20.97	PASS
2DH5	Ant1	2441	1.79	≤20.97	PASS
2DH5	Ant1	2480	1.16	≤20.97	PASS
3DH5	Ant1	2402	2.01	≤20.97	PASS
3DH5	Ant1	2441	2.36	≤20.97	PASS
3DH5	Ant1	2480	1.50	≤20.97	PASS

Test Graphs





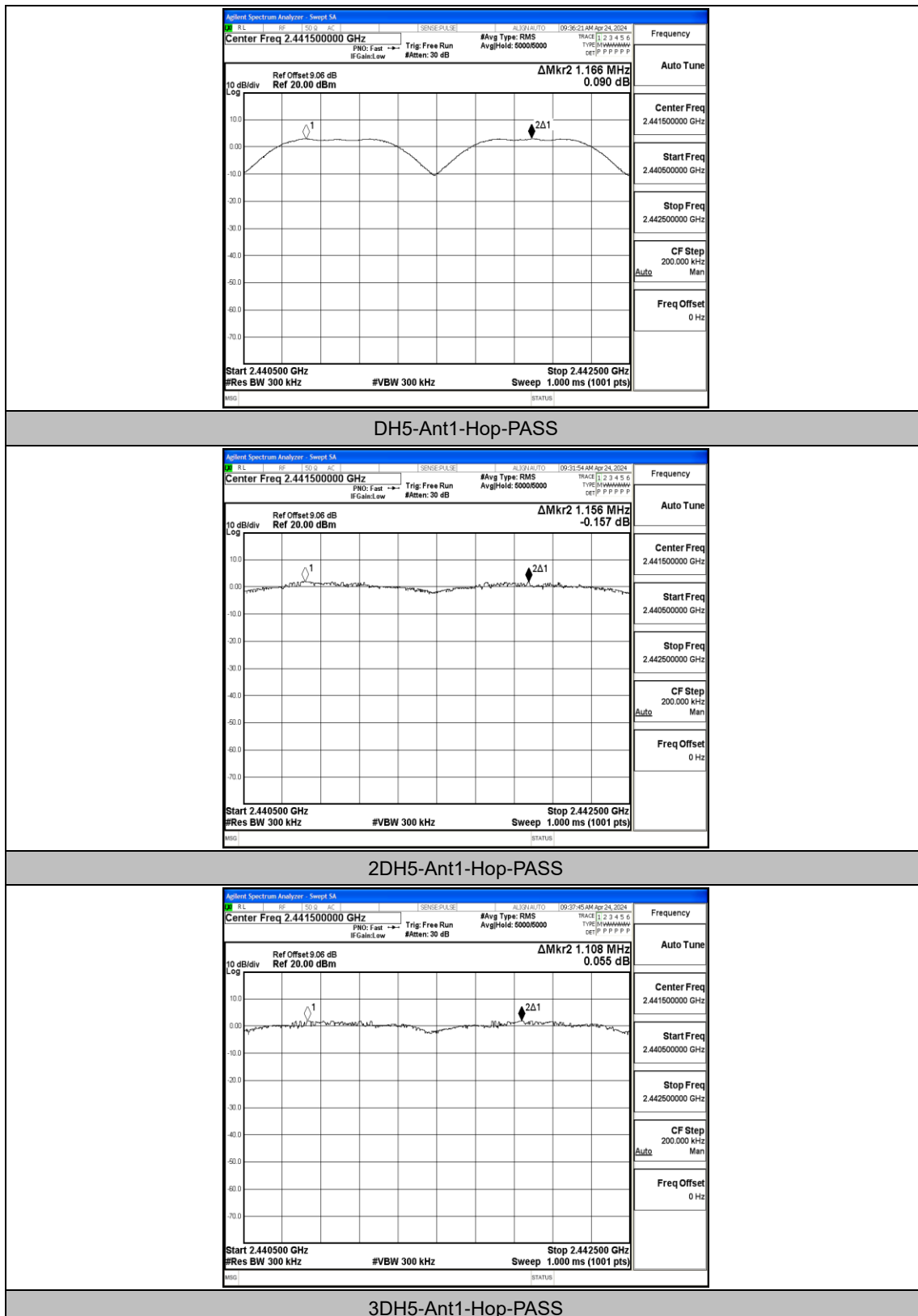


Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.166	≥ 1.032	PASS
2DH5	Ant1	Hop	1.156	≥ 0.872	PASS
3DH5	Ant1	Hop	1.108	≥ 0.874	PASS

Test Graphs

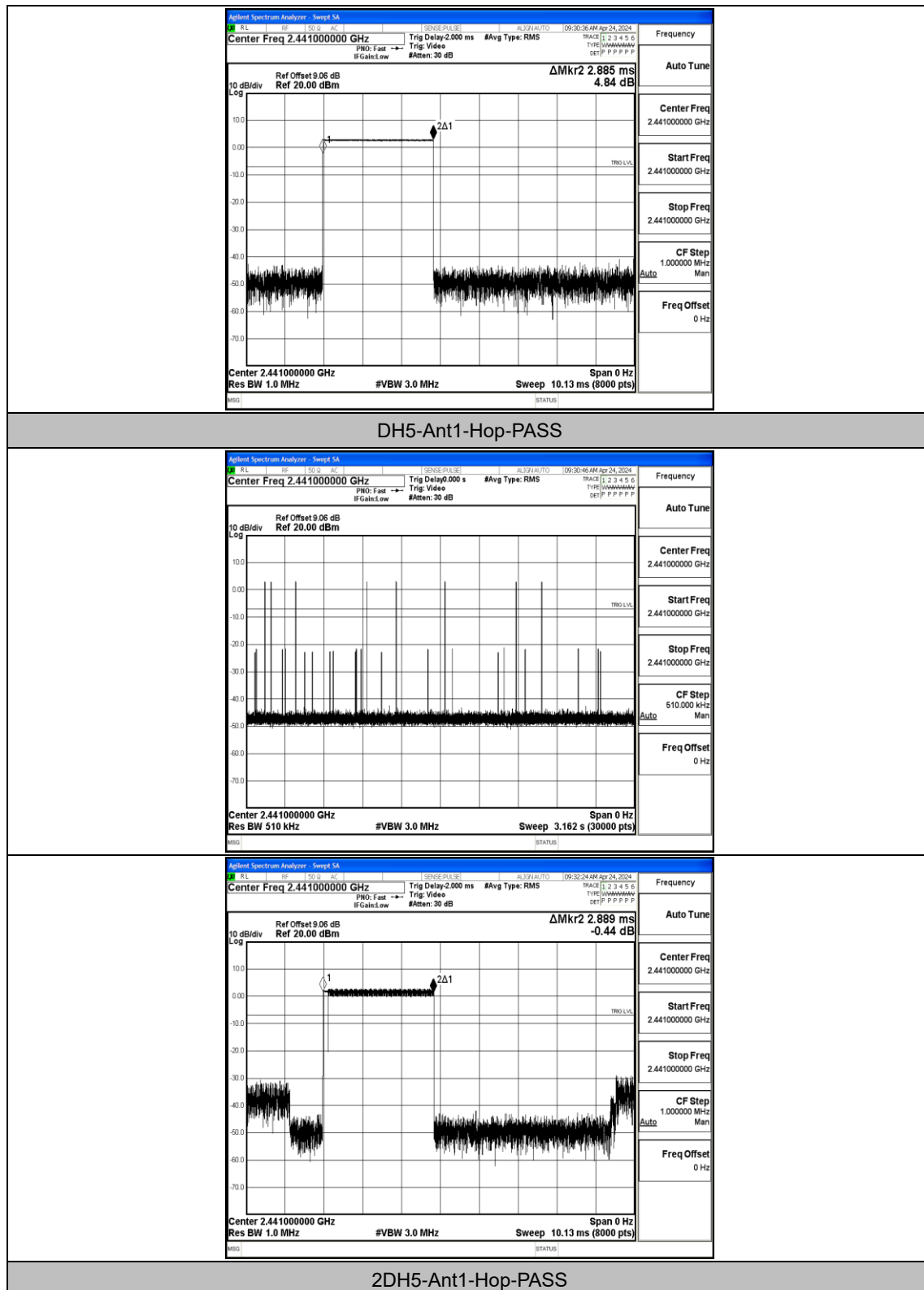


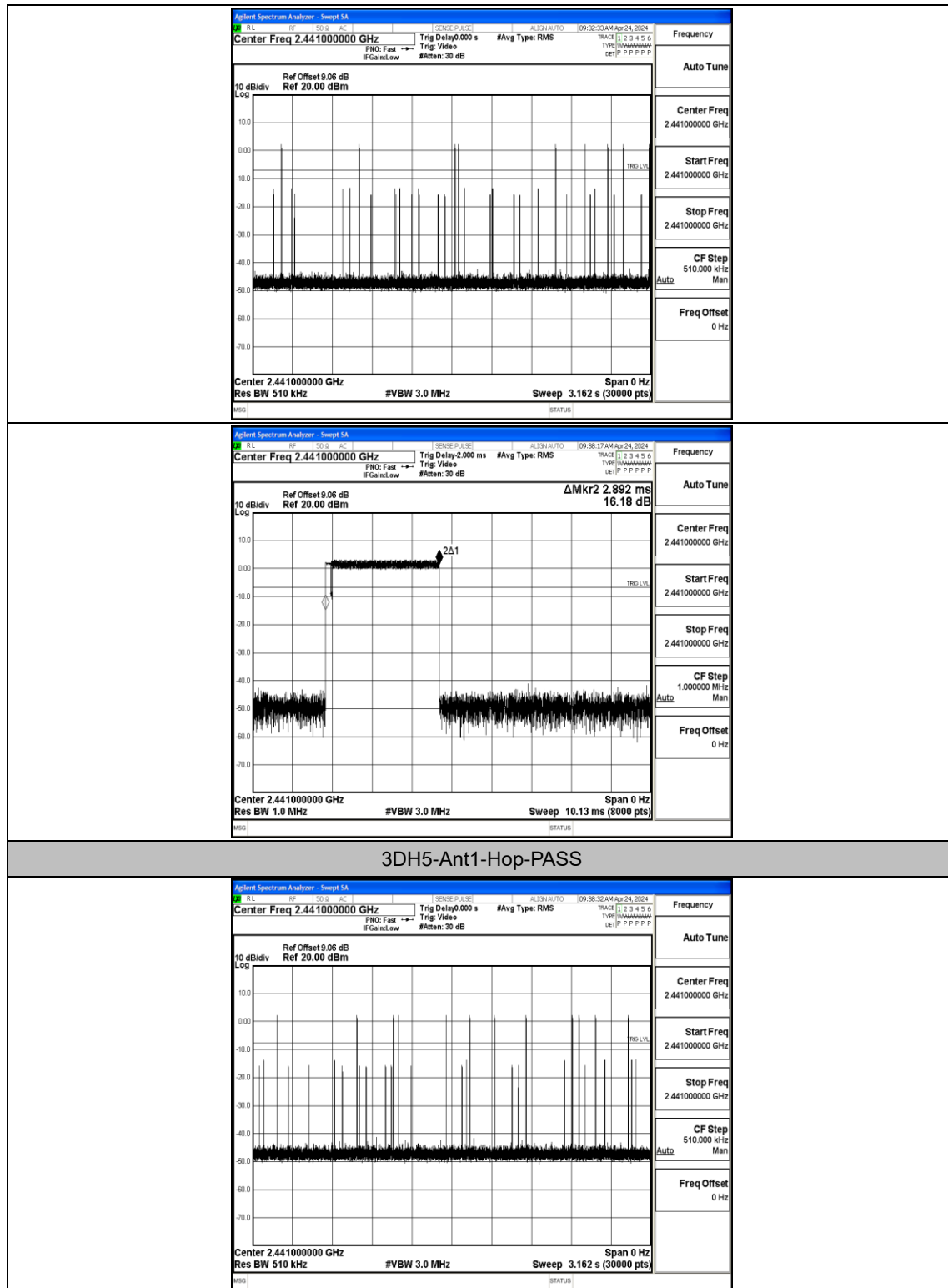
Appendix E: Time of occupancy

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	2.889	100	0.289	≤0.4	PASS
3DH5	Ant1	Hop	2.892	130	0.376	≤0.4	PASS

Test Graphs



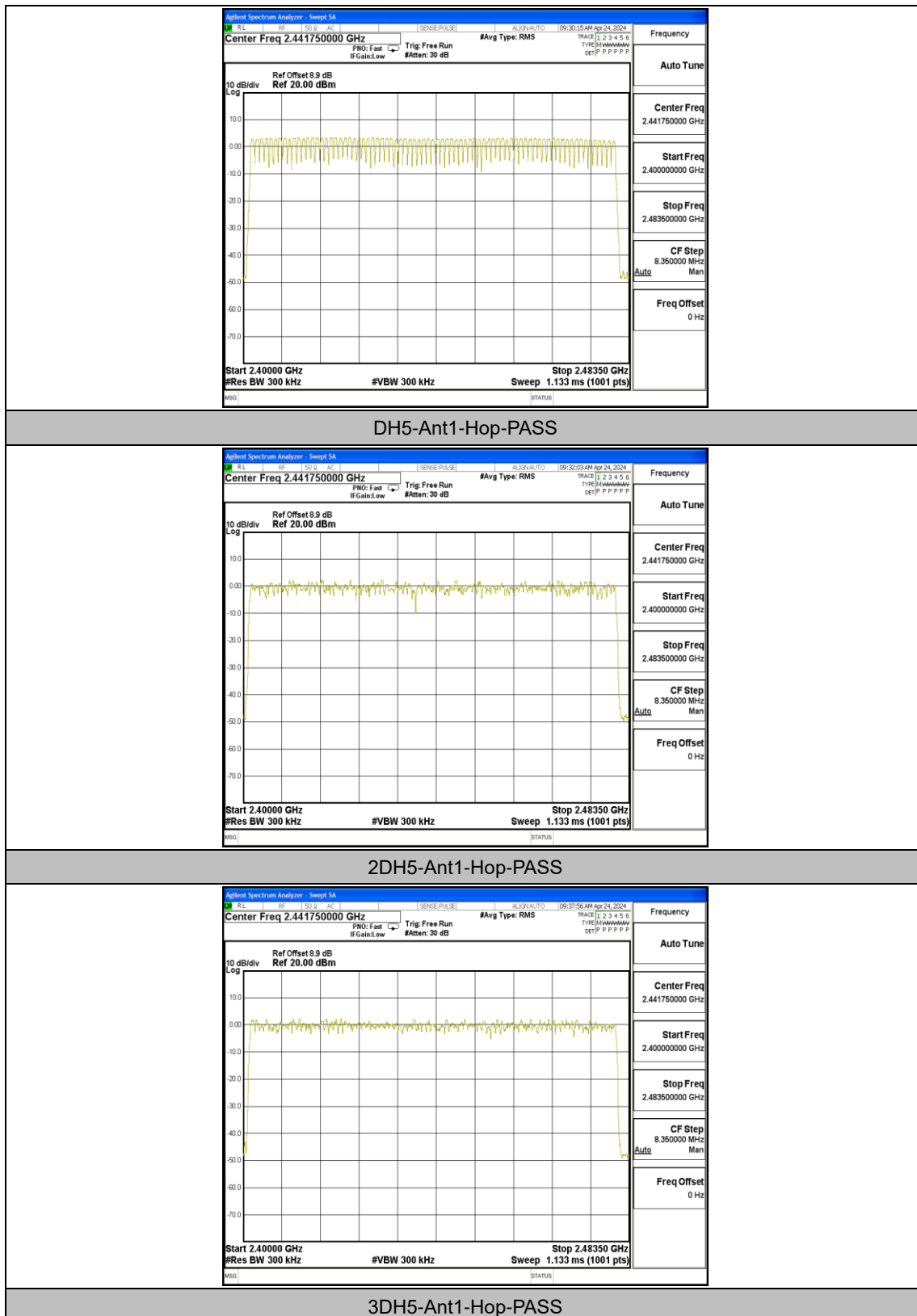


Appendix F: Number of hopping channels

Test Result

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

Test Graphs

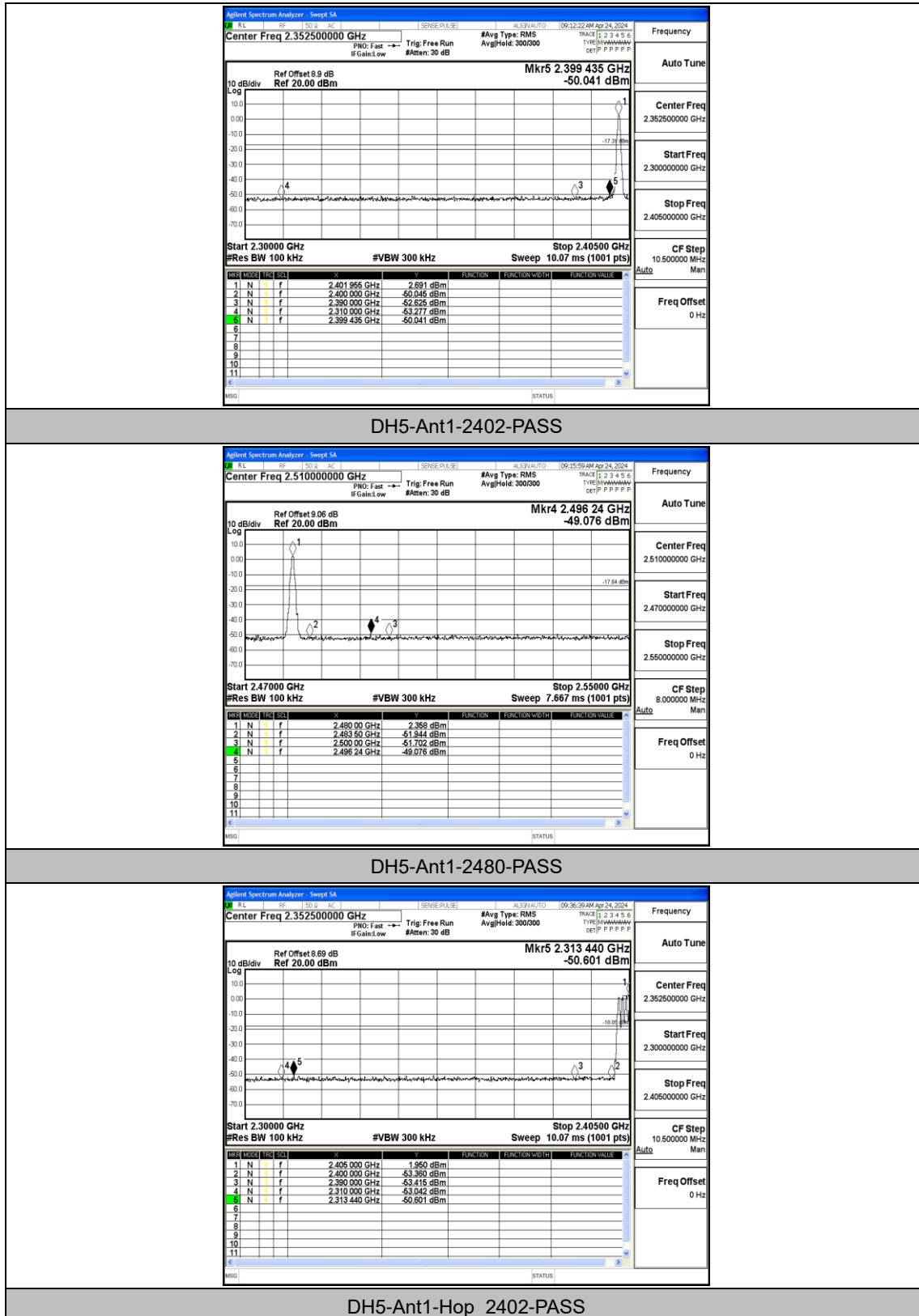


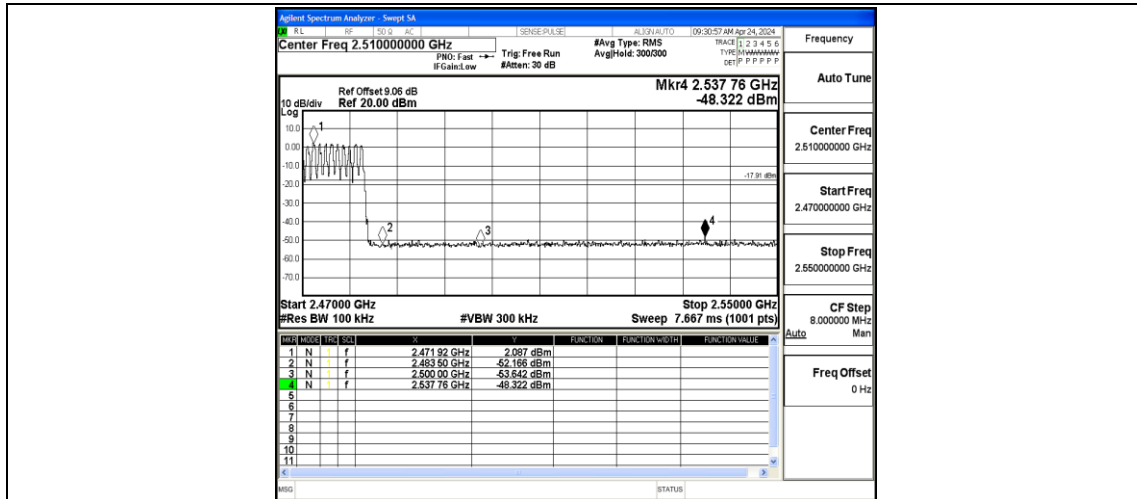
Appendix G: Band edge measurements

Test Result

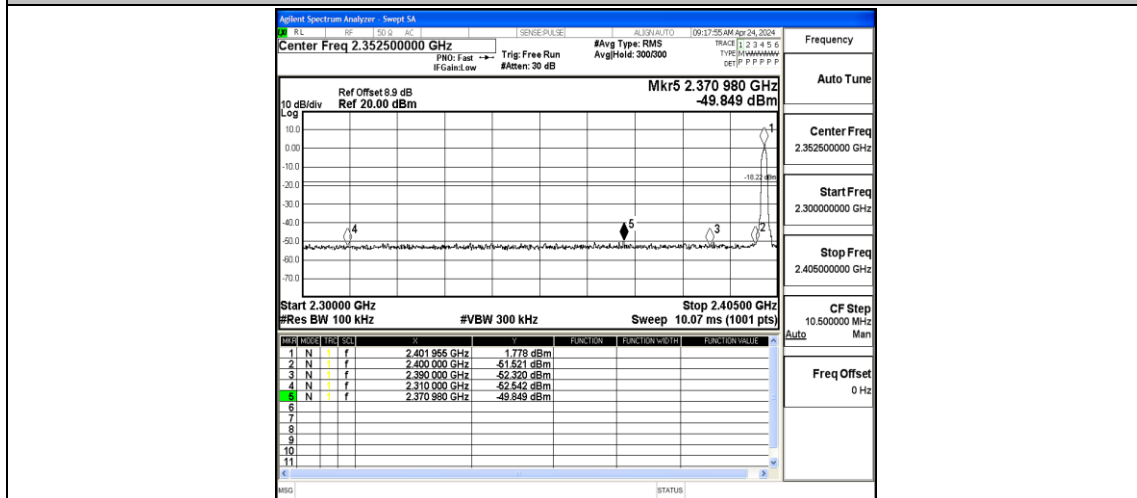
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.69	-50.04	≤-17.31	PASS
DH5	Ant1	High	2480	2.36	-49.08	≤-17.64	PASS
DH5	Ant1	Low	Hop_2402	1.95	-50.6	≤-18.05	PASS
DH5	Ant1	High	Hop_2480	2.09	-48.32	≤-17.91	PASS
2DH5	Ant1	Low	2402	1.78	-49.85	≤-18.22	PASS
2DH5	Ant1	High	2480	1.20	-49.46	≤-18.8	PASS
2DH5	Ant1	Low	Hop_2402	-1.61	-49.79	≤-21.61	PASS
2DH5	Ant1	High	Hop_2480	-1.37	-49.62	≤-21.37	PASS
3DH5	Ant1	Low	2402	1.54	-50.11	≤-18.46	PASS
3DH5	Ant1	High	2480	-0.45	-49.43	≤-20.45	PASS
3DH5	Ant1	Low	Hop_2402	0.41	-50	≤-19.59	PASS
3DH5	Ant1	High	Hop_2480	-1.38	-48.89	≤-21.38	PASS

Test Graphs

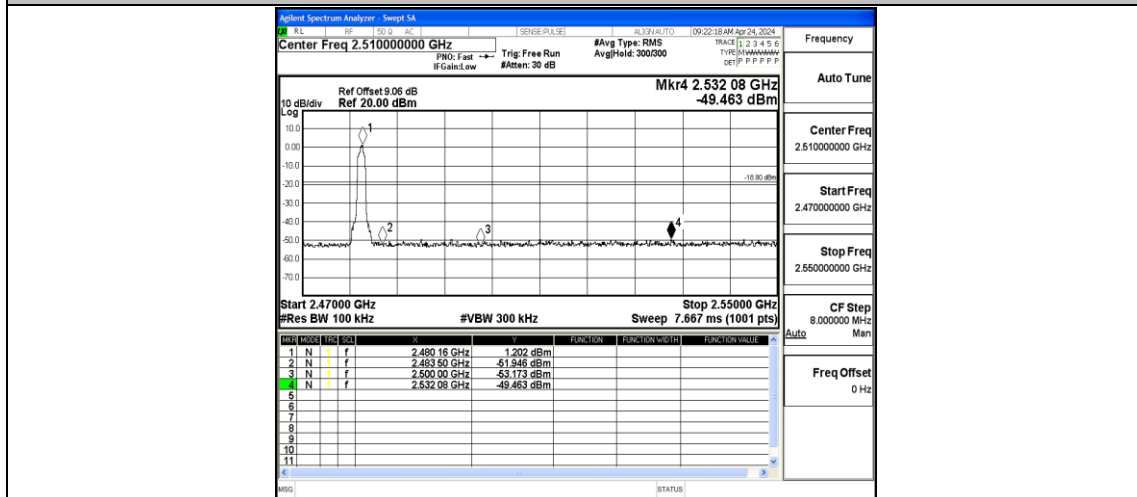




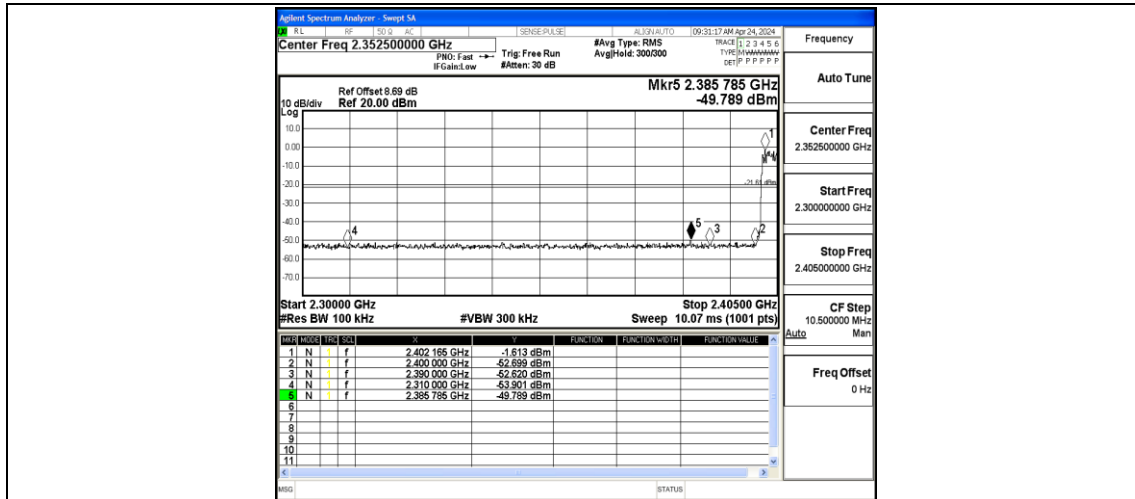
DH5-Ant1-Hop_2480-PASS



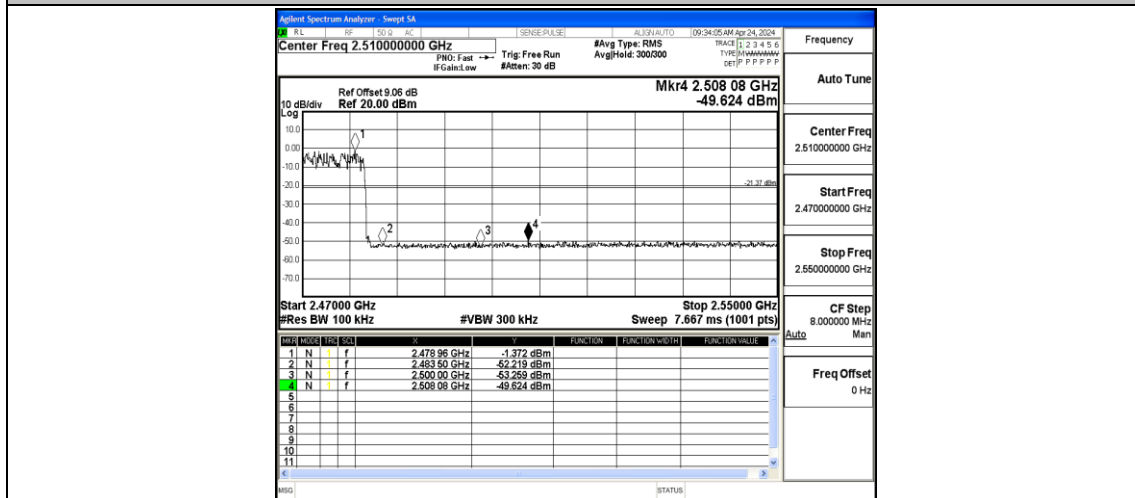
2DH5-Ant1-2402-PASS



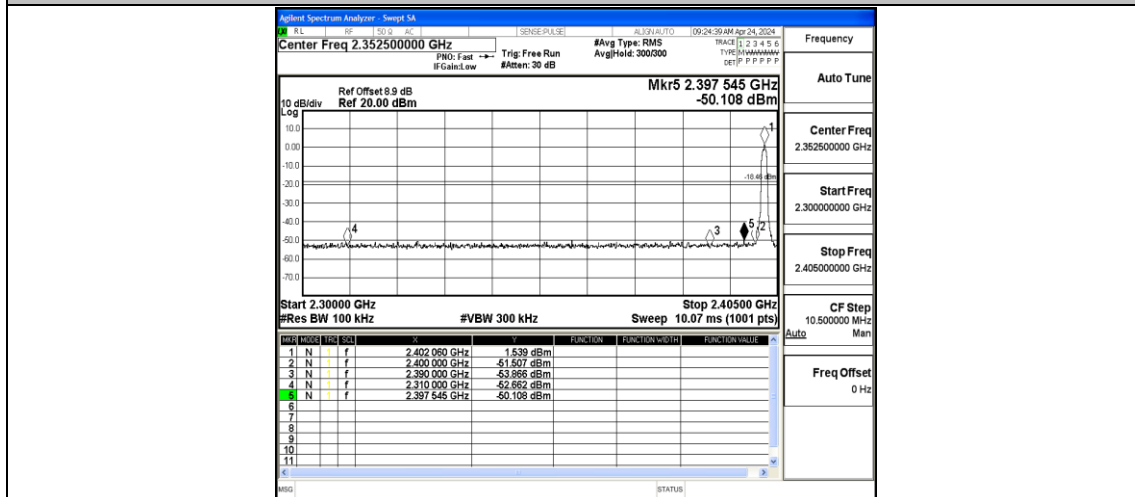
2DH5-Ant1-2480-PASS



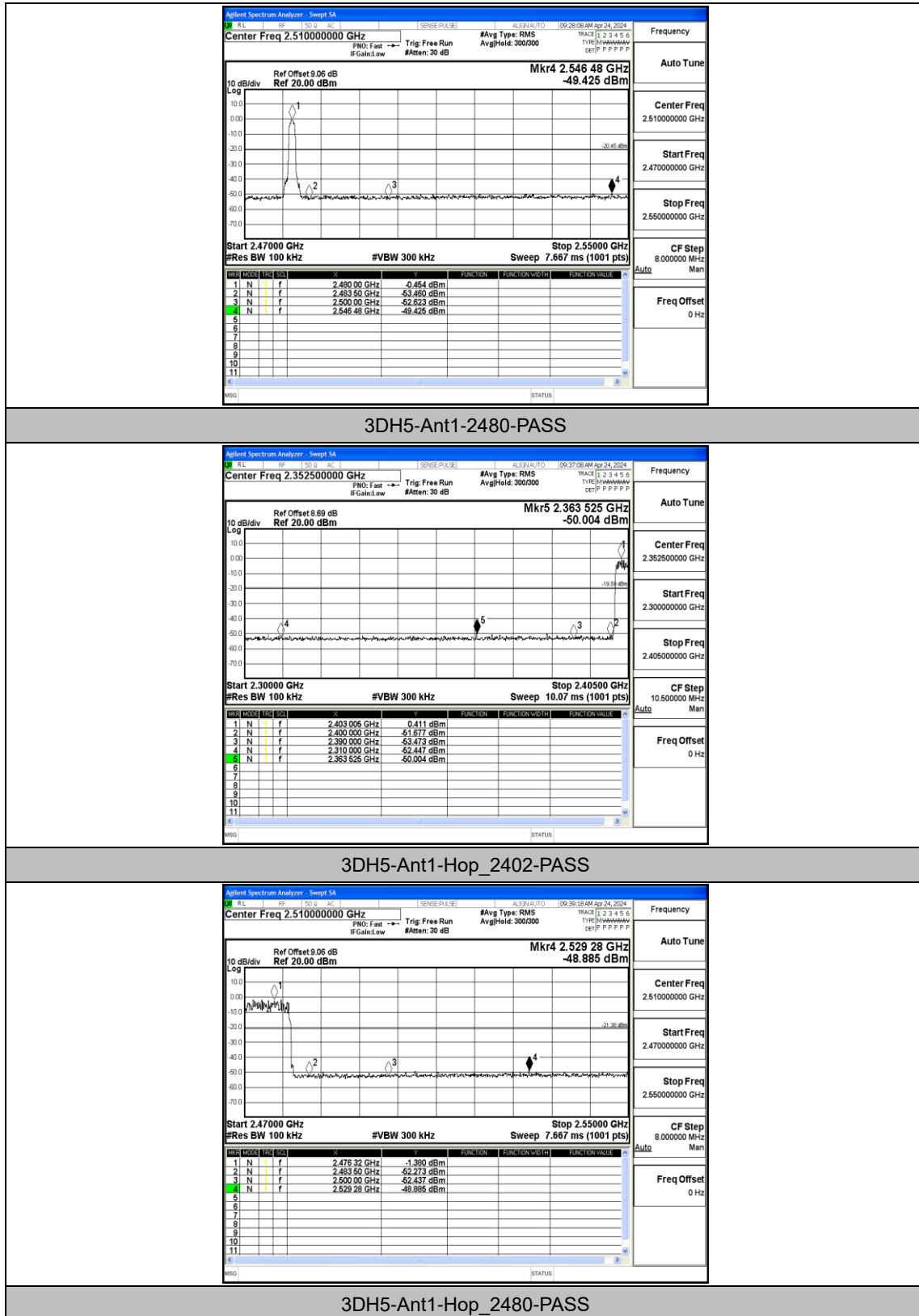
2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS

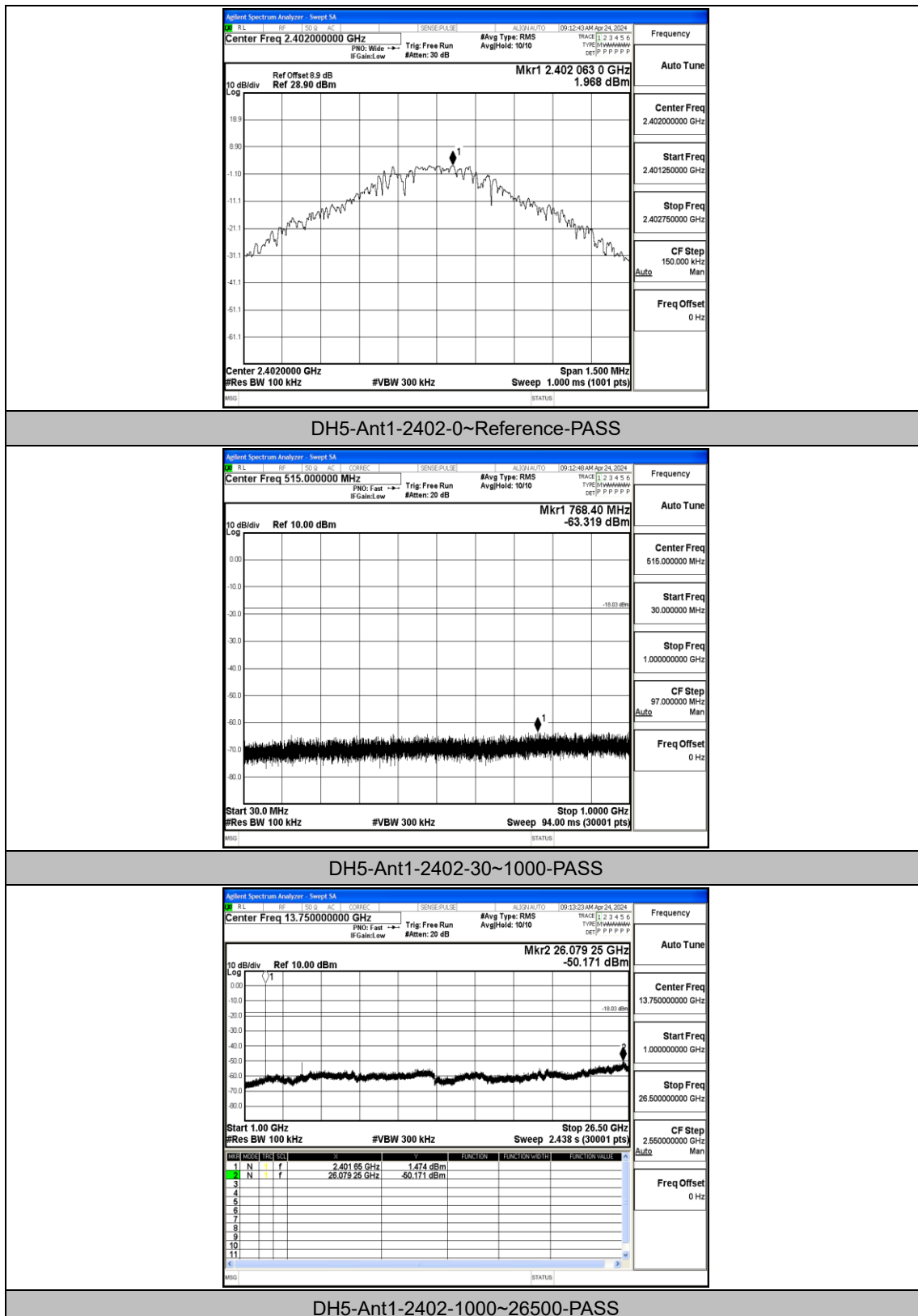


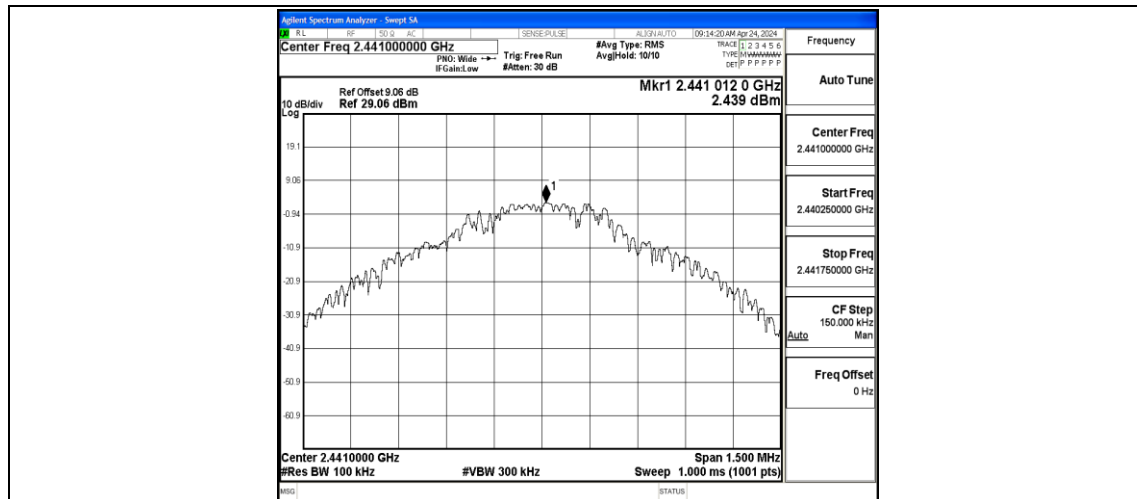
Appendix H: Conducted Spurious Emission

Test Result

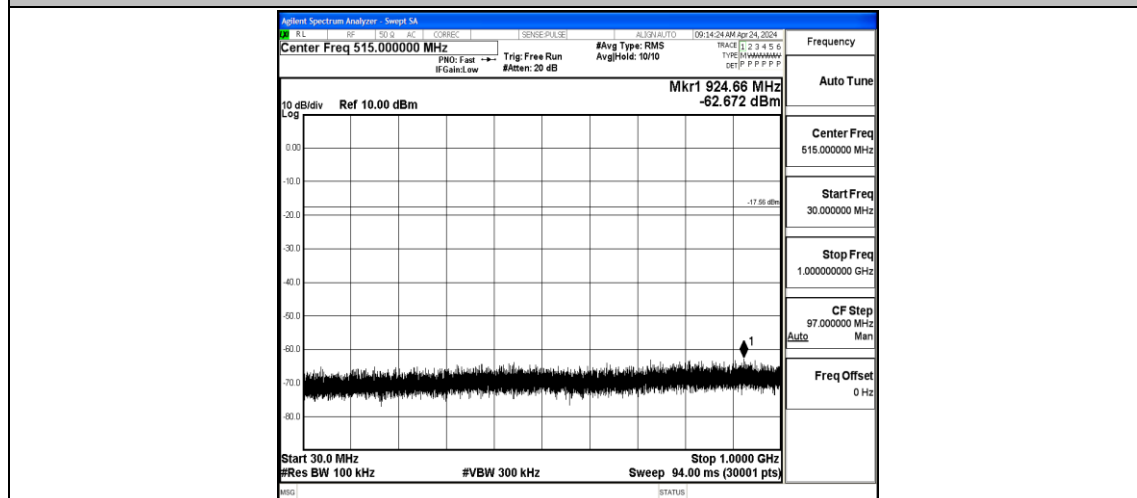
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.97	1.97	---	PASS
DH5	Ant1	2402	30~1000	1.97	-63.32	≤-18.03	PASS
DH5	Ant1	2402	1000~26500	1.97	-50.17	≤-18.03	PASS
DH5	Ant1	2441	0~Reference	2.44	2.44	---	PASS
DH5	Ant1	2441	30~1000	2.44	-62.67	≤-17.56	PASS
DH5	Ant1	2441	1000~26500	2.44	-49.79	≤-17.56	PASS
DH5	Ant1	2480	0~Reference	1.52	1.52	---	PASS
DH5	Ant1	2480	30~1000	1.52	-62.04	≤-18.48	PASS
DH5	Ant1	2480	1000~26500	1.52	-49.1	≤-18.48	PASS
2DH5	Ant1	2402	0~Reference	1.33	1.33	---	PASS
2DH5	Ant1	2402	30~1000	1.33	-61.42	≤-18.67	PASS
2DH5	Ant1	2402	1000~26500	1.33	-50.31	≤-18.67	PASS
2DH5	Ant1	2441	0~Reference	0.88	0.88	---	PASS
2DH5	Ant1	2441	30~1000	0.88	-62.52	≤-19.12	PASS
2DH5	Ant1	2441	1000~26500	0.88	-50.39	≤-19.12	PASS
2DH5	Ant1	2480	0~Reference	1.26	1.26	---	PASS
2DH5	Ant1	2480	30~1000	1.26	-62.65	≤-18.74	PASS
2DH5	Ant1	2480	1000~26500	1.26	-50.68	≤-18.74	PASS
3DH5	Ant1	2402	0~Reference	0.88	0.88	---	PASS
3DH5	Ant1	2402	30~1000	0.88	-62.75	≤-19.12	PASS
3DH5	Ant1	2402	1000~26500	0.88	-49.2	≤-19.12	PASS
3DH5	Ant1	2441	0~Reference	1.80	1.80	---	PASS
3DH5	Ant1	2441	30~1000	1.80	-62.05	≤-18.2	PASS
3DH5	Ant1	2441	1000~26500	1.80	-50.1	≤-18.2	PASS
3DH5	Ant1	2480	0~Reference	-1.80	-1.80	---	PASS
3DH5	Ant1	2480	30~1000	-1.80	-62.24	≤-21.8	PASS
3DH5	Ant1	2480	1000~26500	-1.80	-50.5	≤-21.8	PASS

Test Graphs

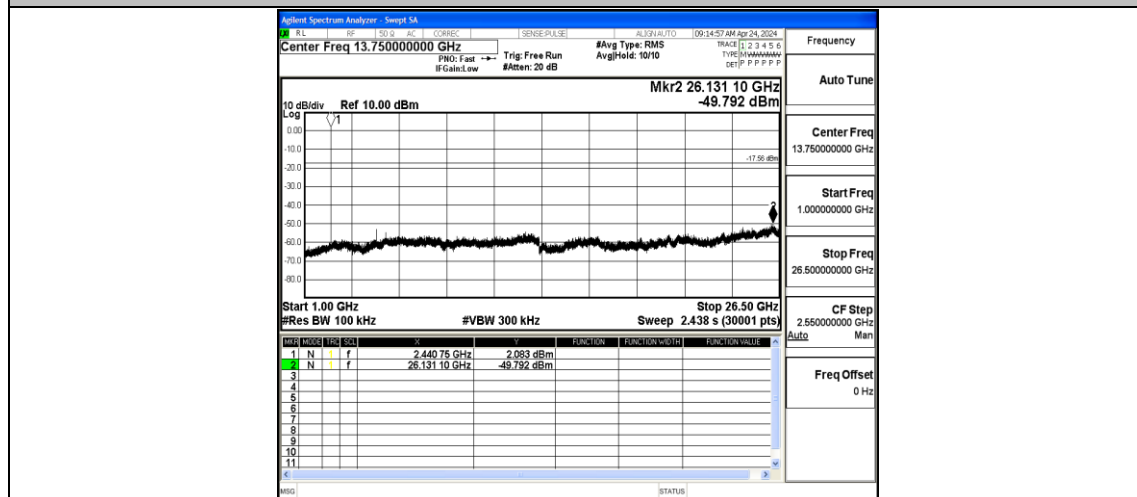




DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



DH5-Ant1-2441-1000~26500-PASS