

Appendix Test Data

Report No.:	1812C50197912501	Test Sample No.:	1-2-2
Start Test Date:	2025-04-30	Finish Test Date:	2025-05-06
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.4°C	Relative Humidity:	47%
Pressure:	101kPa		

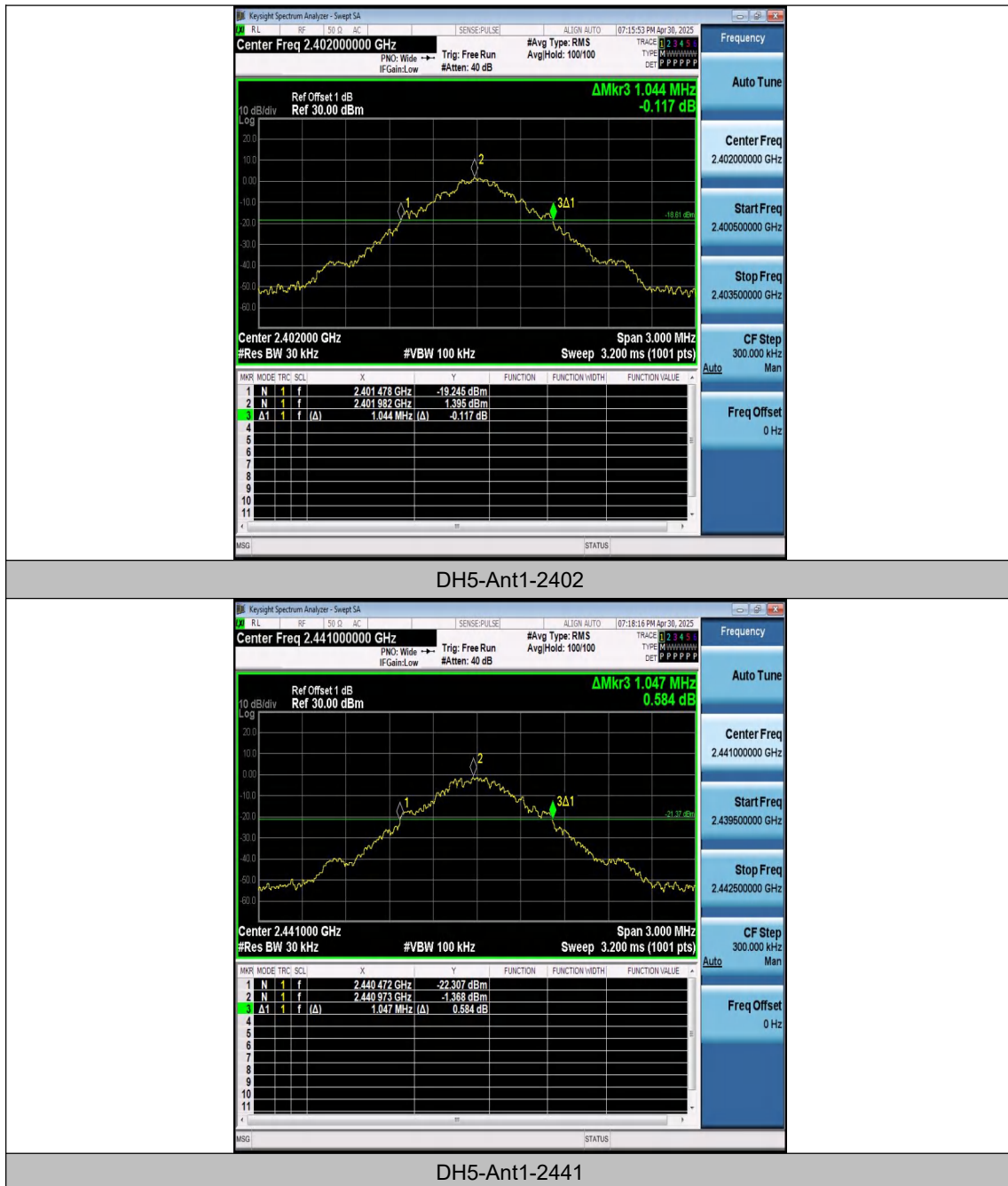
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.044	2401.478	2402.522	---	---
DH5	Ant1	2441	1.047	2440.472	2441.519	---	---
DH5	Ant1	2480	1.050	2479.472	2480.522	---	---
2DH5	Ant1	2402	1.314	2401.358	2402.672	---	---
2DH5	Ant1	2441	1.335	2440.334	2441.669	---	---
2DH5	Ant1	2480	1.365	2479.328	2480.693	---	---
3DH5	Ant1	2402	1.359	2401.316	2402.675	---	---
3DH5	Ant1	2441	1.302	2440.349	2441.651	---	---
3DH5	Ant1	2480	1.302	2479.346	2480.648	---	---



Test Graphs

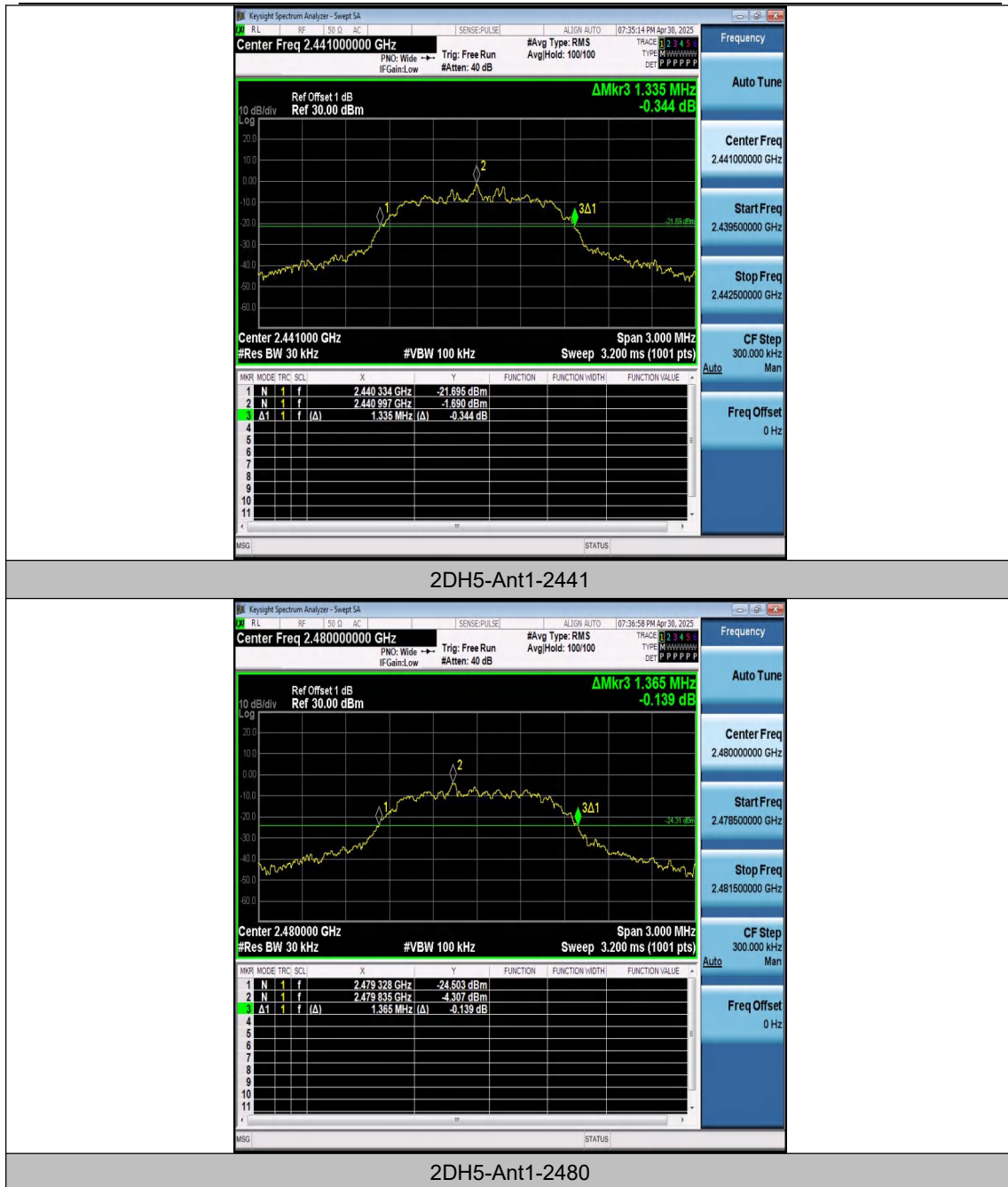




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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.94288	2401.5290	2402.4719	---	---
DH5	Ant1	2441	0.95508	2440.5224	2441.4775	---	---
DH5	Ant1	2480	0.96334	2479.5168	2480.4802	---	---
2DH5	Ant1	2402	1.2165	2401.3994	2402.6159	---	---
2DH5	Ant1	2441	1.2428	2440.3886	2441.6314	---	---
2DH5	Ant1	2480	1.2255	2479.3982	2480.6237	---	---
3DH5	Ant1	2402	1.2260	2401.3860	2402.6120	---	---
3DH5	Ant1	2441	1.2215	2440.3905	2441.6120	---	---
3DH5	Ant1	2480	1.2228	2479.3881	2480.6109	---	---



Test Graphs



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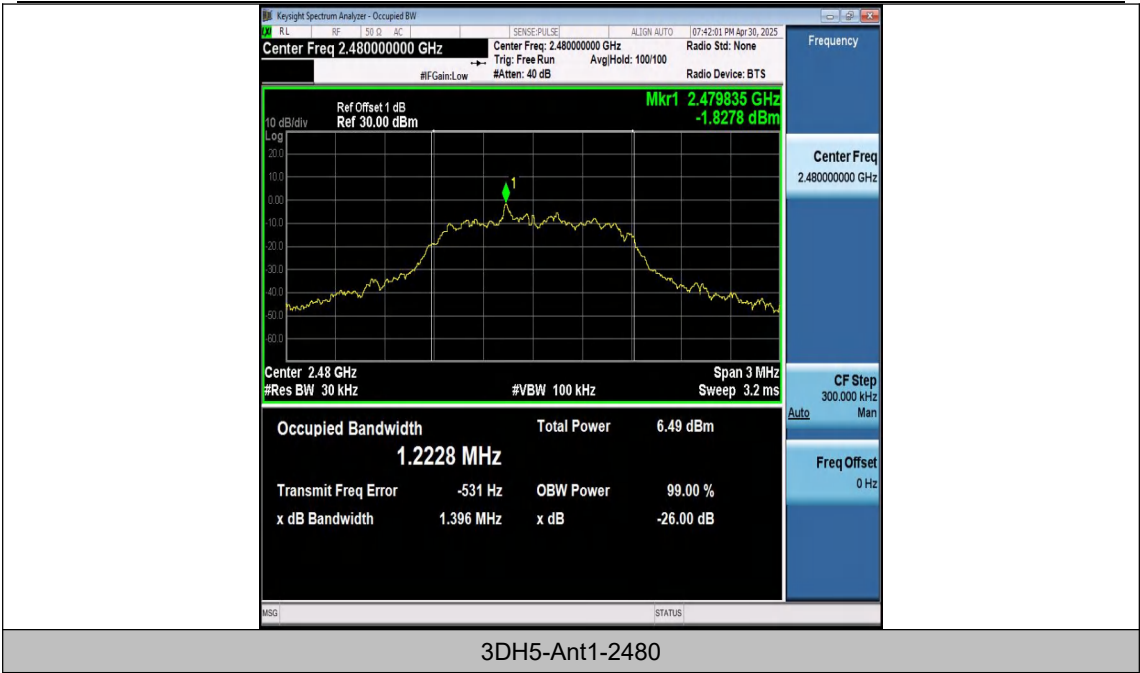
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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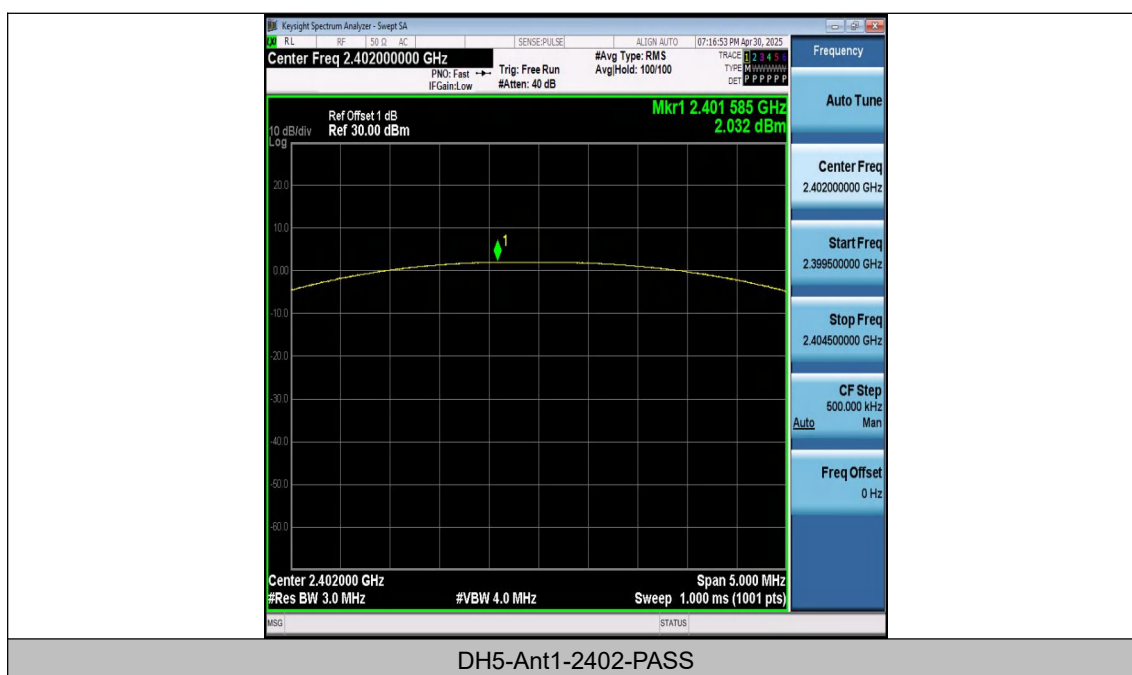
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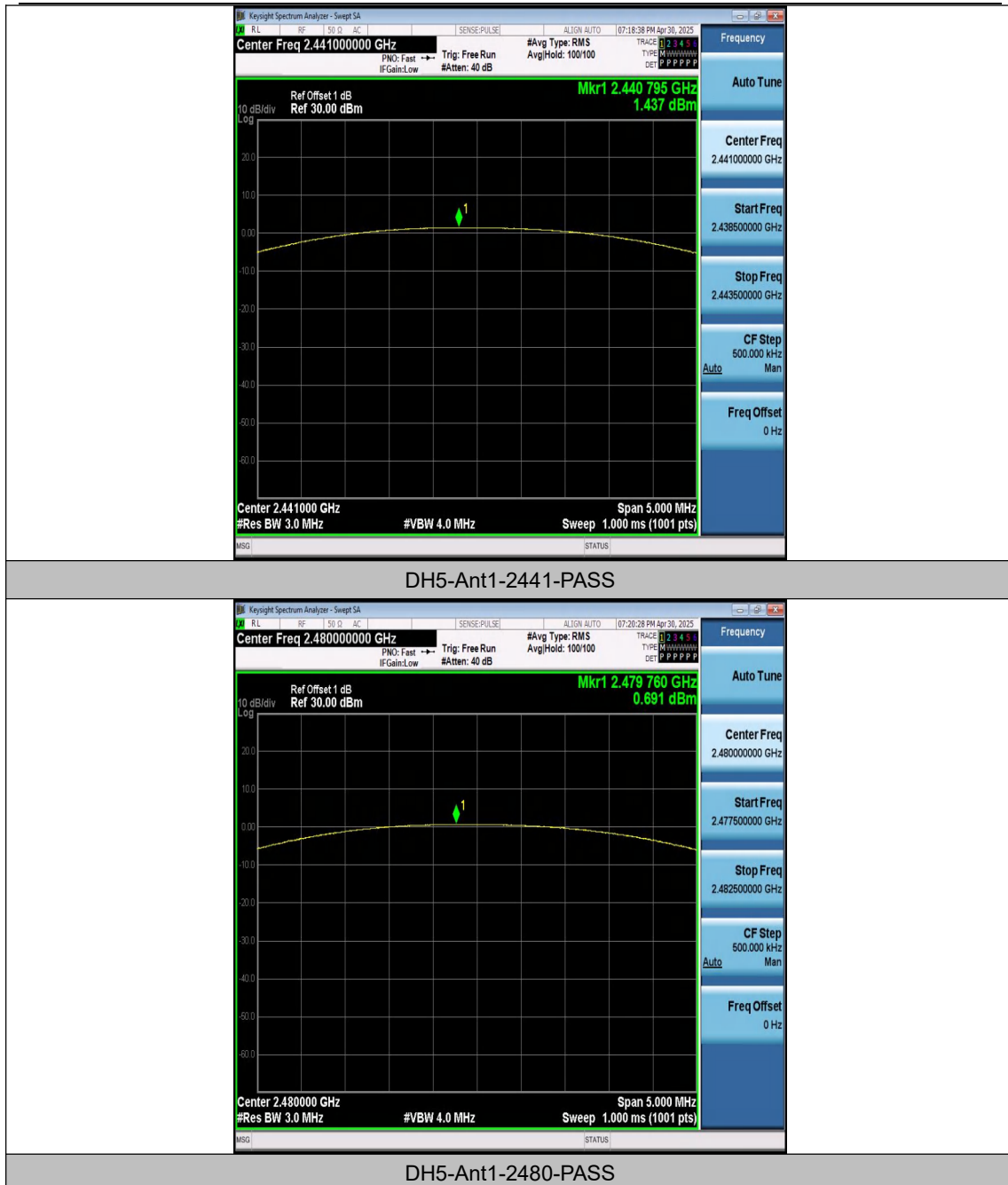
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.03	≤20.97	PASS
DH5	Ant1	2441	1.44	≤20.97	PASS
DH5	Ant1	2480	0.69	≤20.97	PASS
2DH5	Ant1	2402	2.79	≤20.97	PASS
2DH5	Ant1	2441	2.21	≤20.97	PASS
2DH5	Ant1	2480	1.45	≤20.97	PASS
3DH5	Ant1	2402	3.10	≤20.97	PASS
3DH5	Ant1	2441	2.52	≤20.97	PASS
3DH5	Ant1	2480	1.80	≤20.97	PASS

Test Graphs

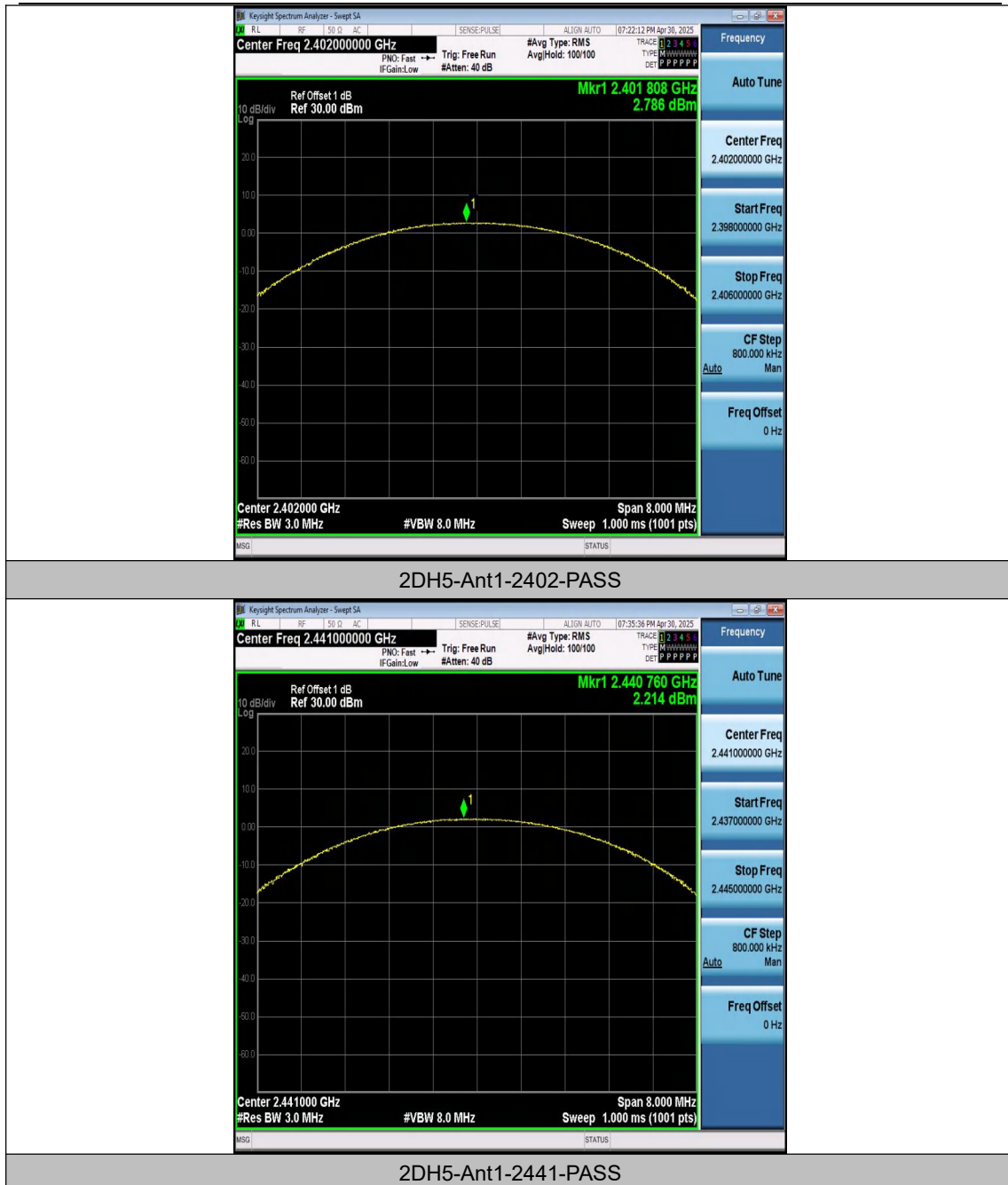




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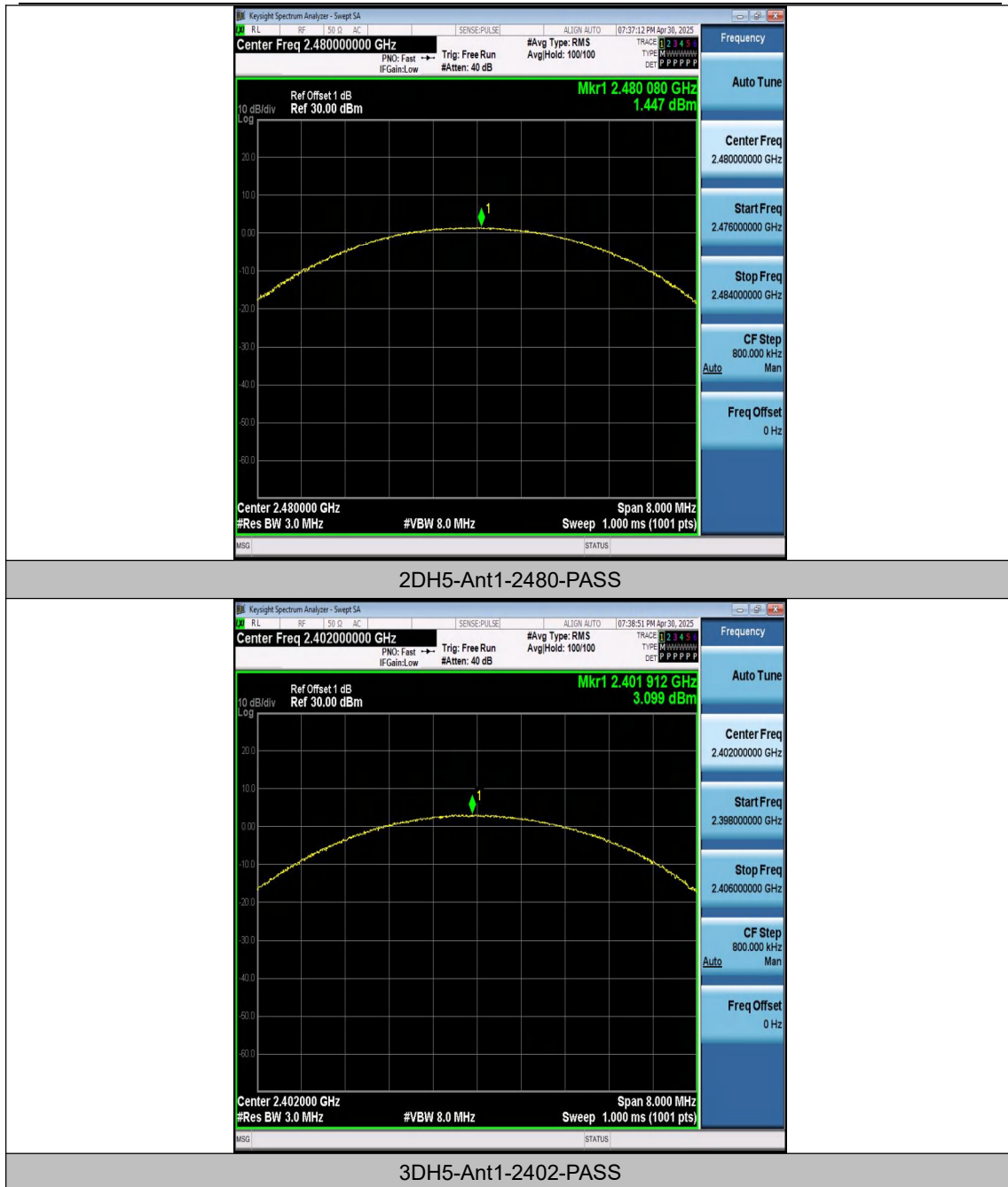
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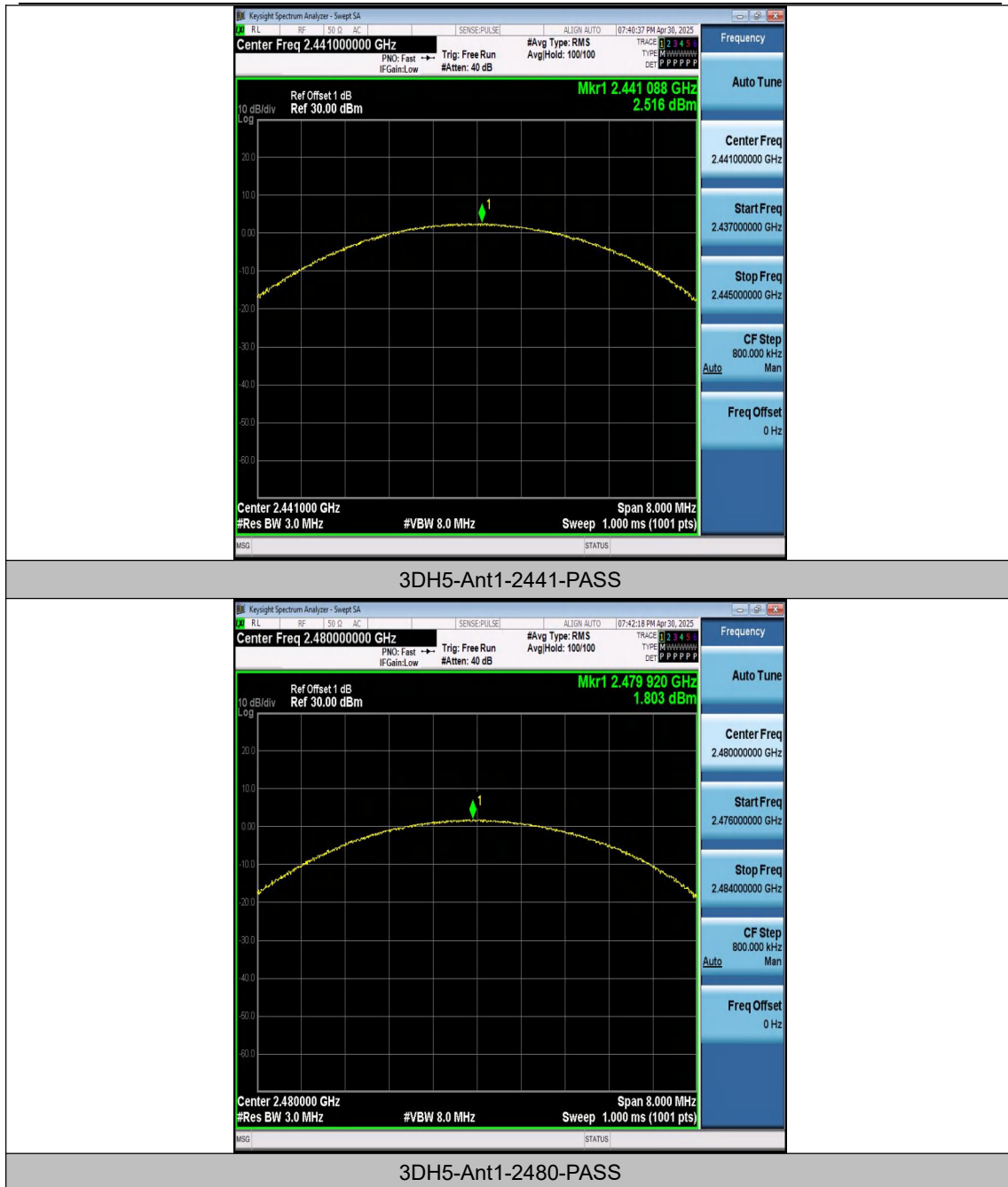
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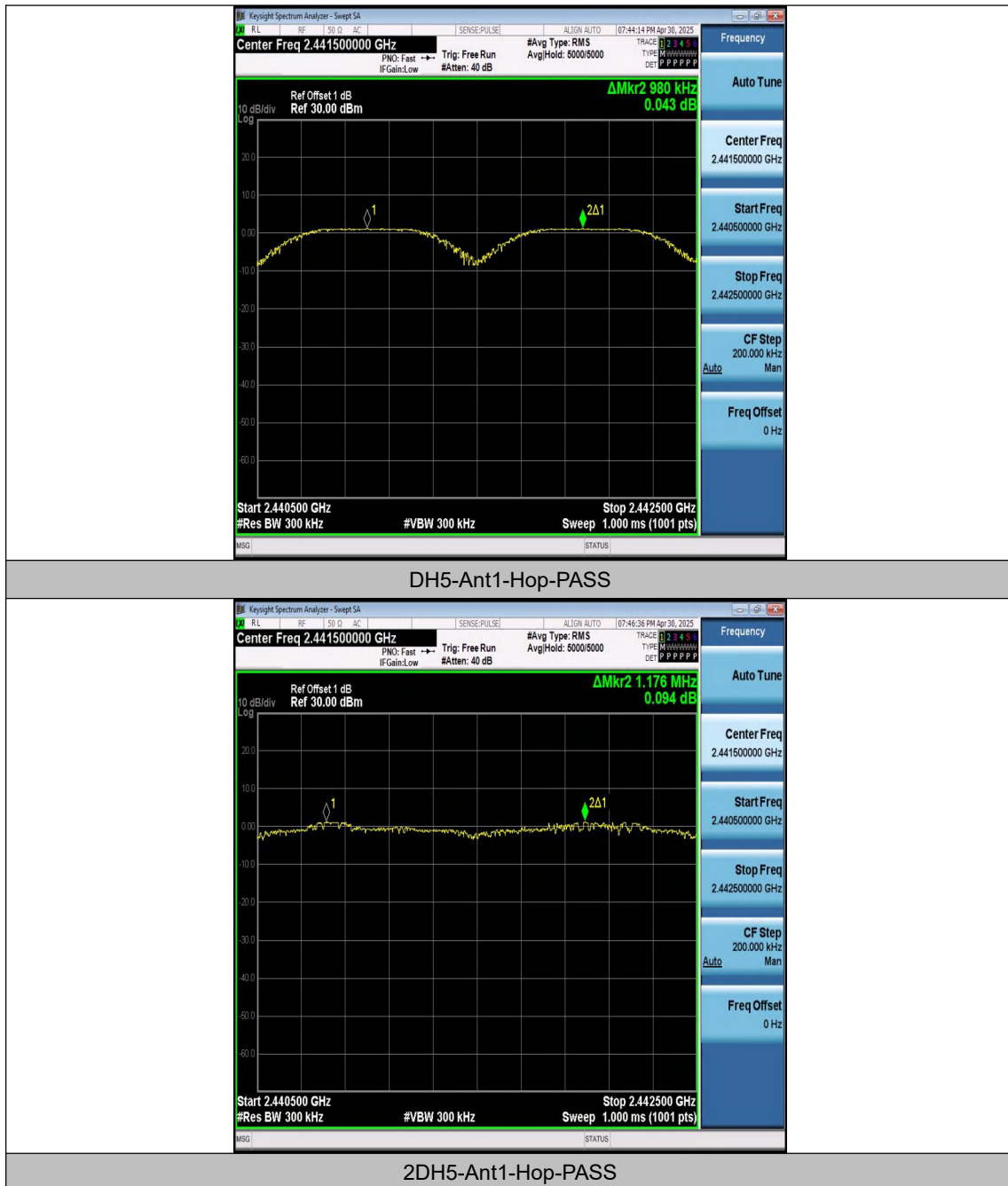
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.98	≥0.700	PASS
2DH5	Ant1	Hop	1.176	≥0.910	PASS
3DH5	Ant1	Hop	1.042	≥0.906	PASS

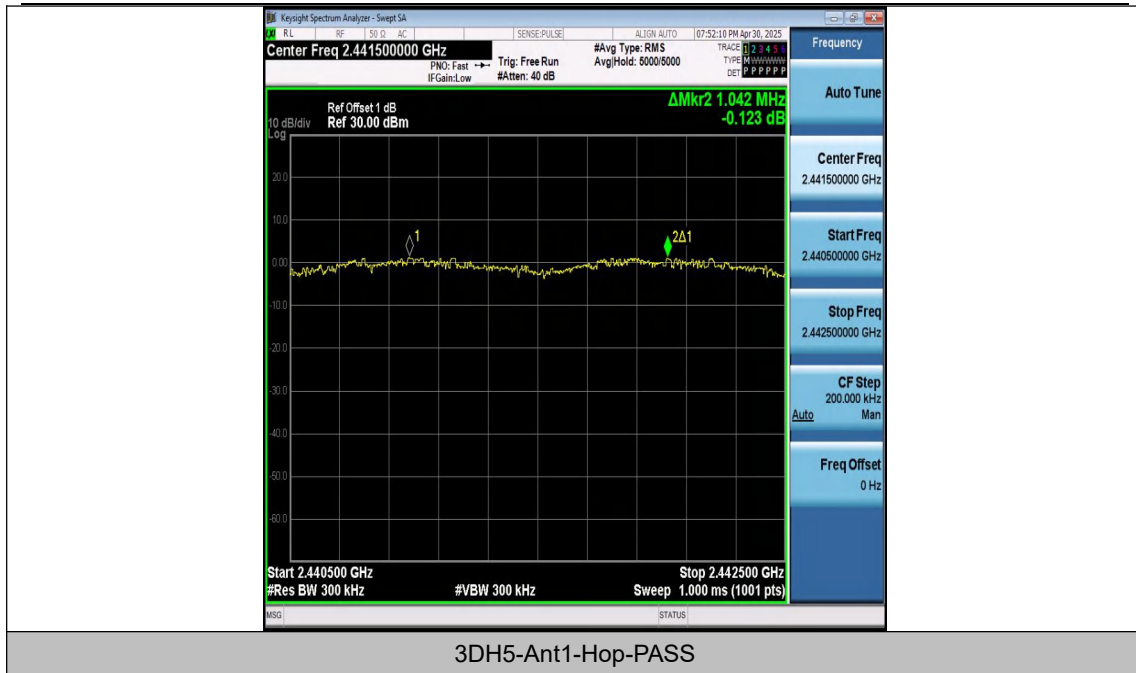
Test Graphs



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Appendix E: Dwell Time

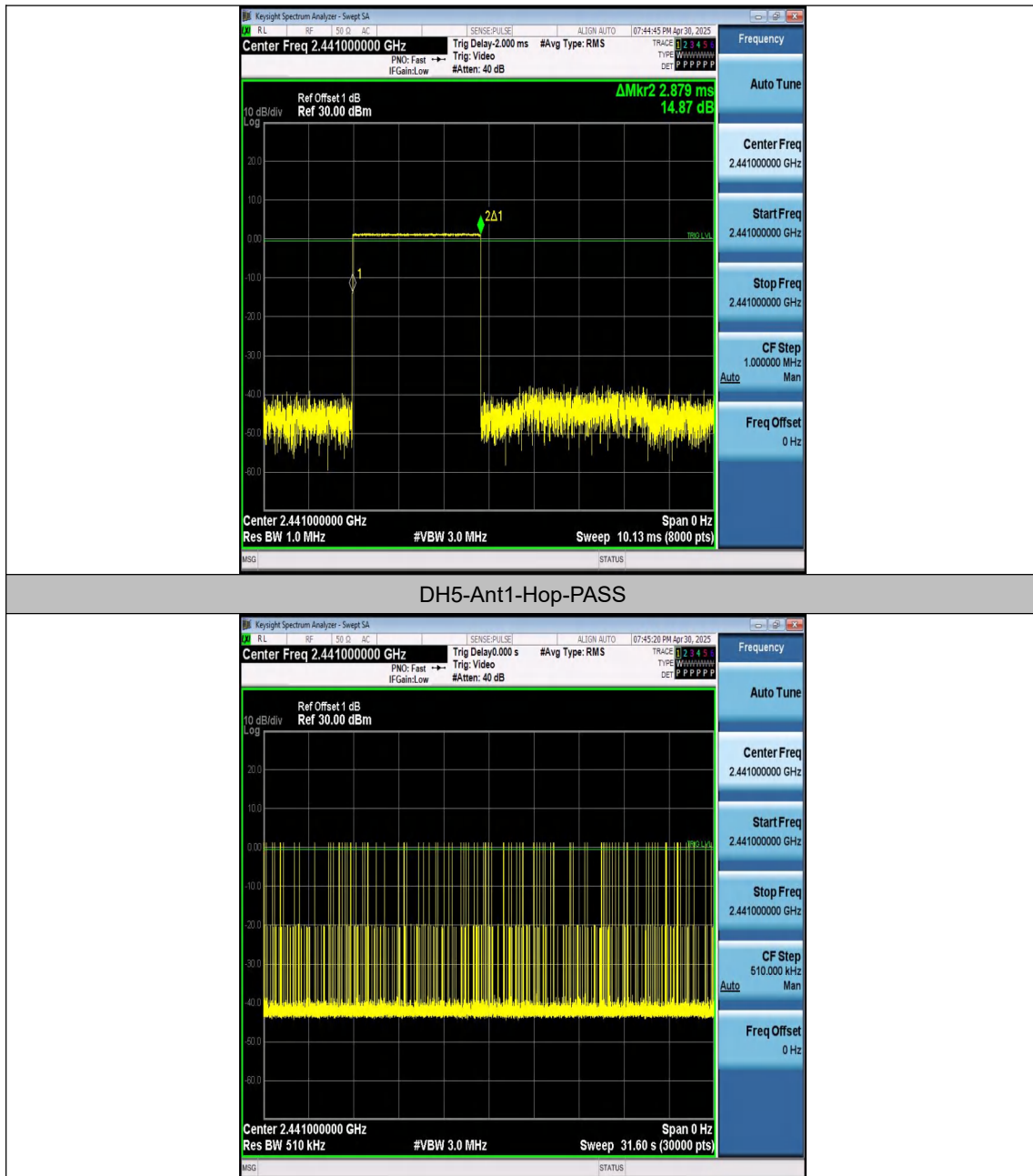
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.879	100	0.288	≤0.4	PASS
2DH5	Ant1	Hop	2.884	115	0.332	≤0.4	PASS
3DH5	Ant1	Hop	2.887	107	0.309	≤0.4	PASS

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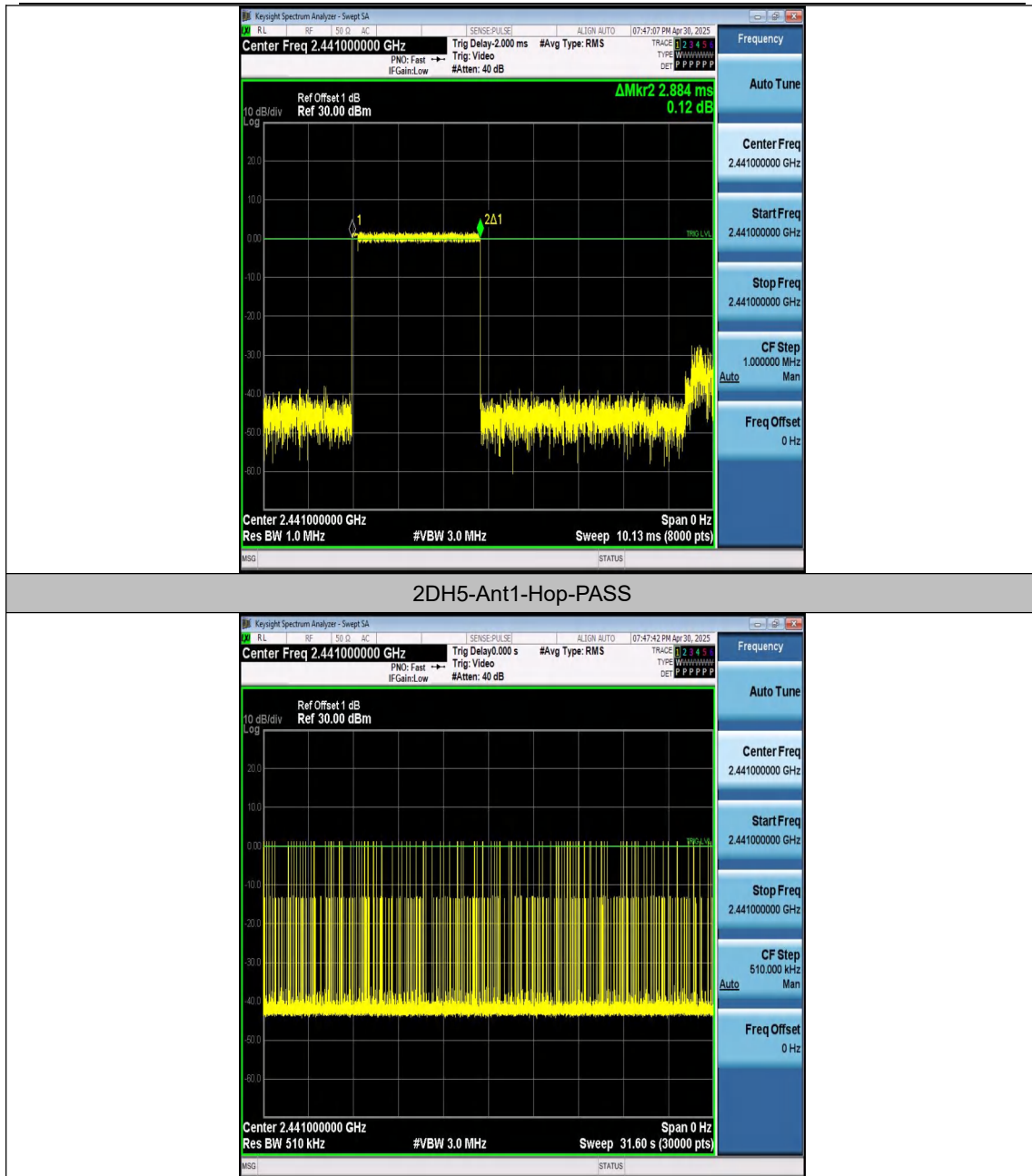
Test Graphs



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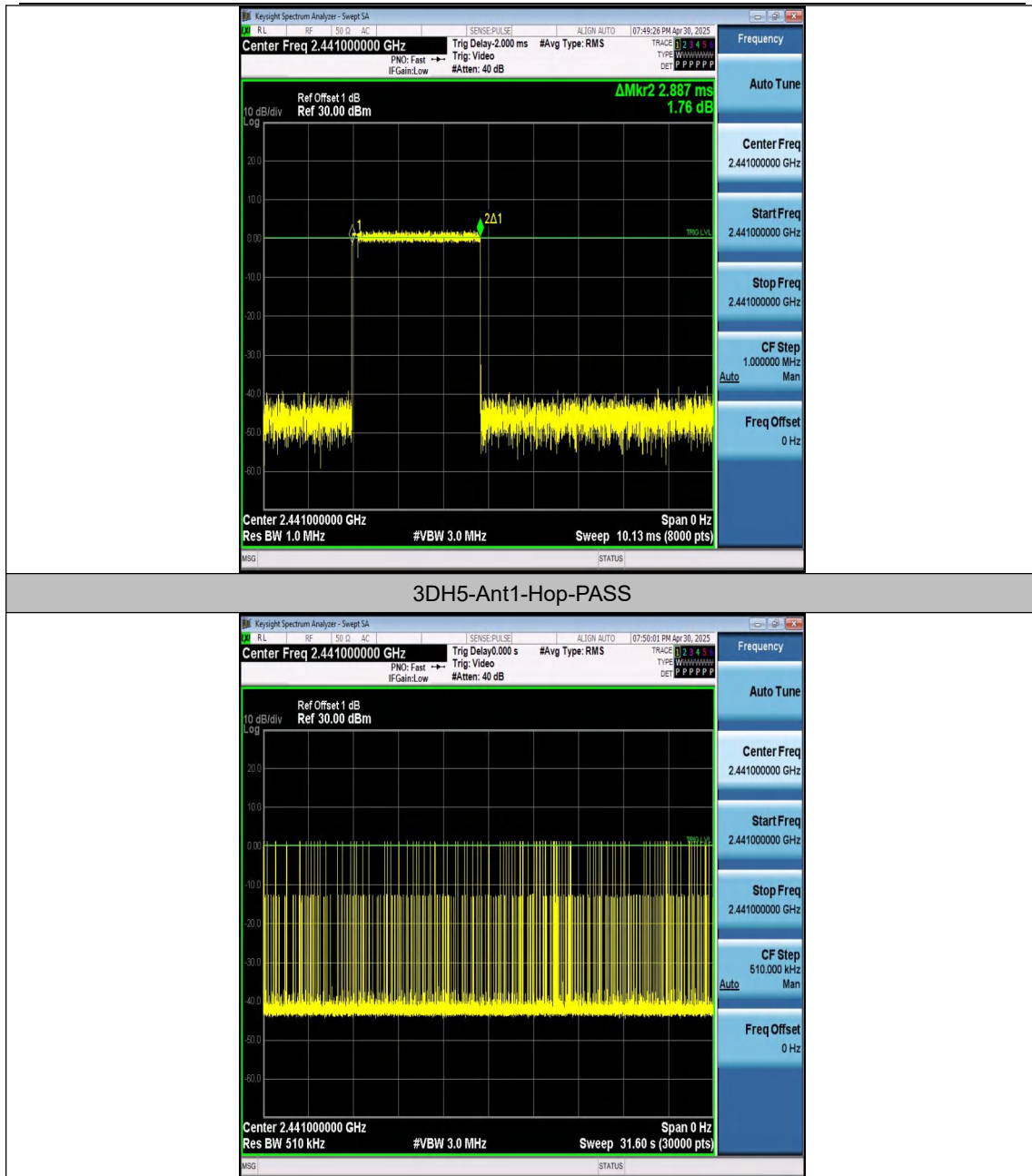


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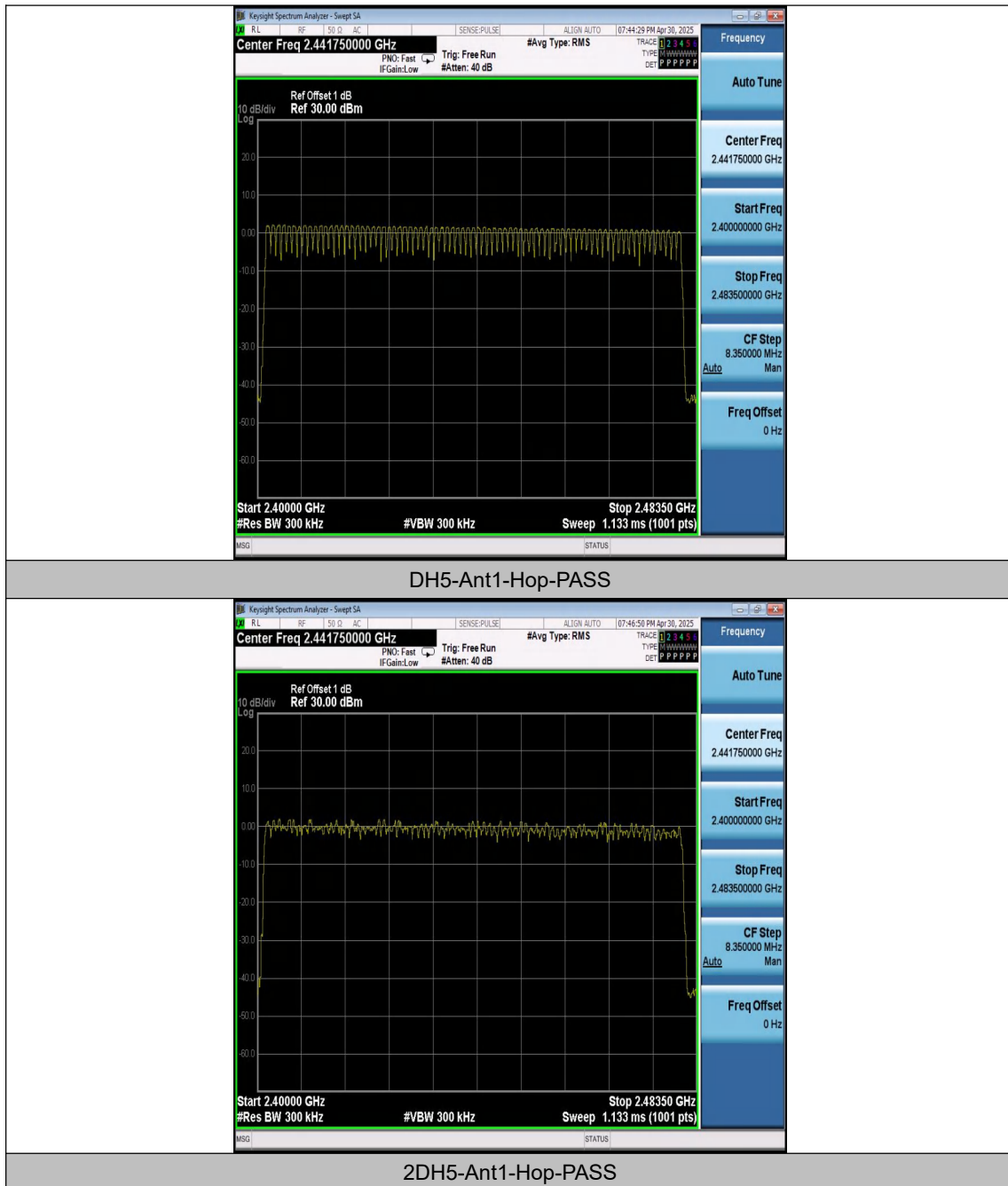
Appendix F: Number of Hopping Channel

Test Result

Test Mode	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



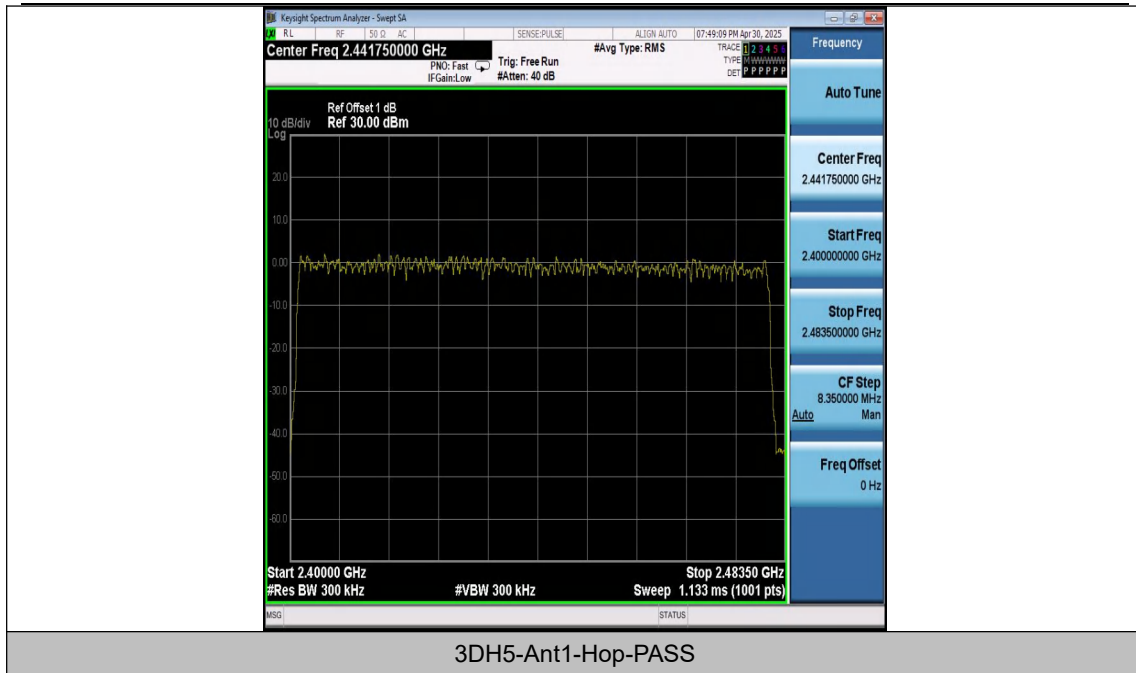
Test Graphs



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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.77	-47.04	≤-18.23	PASS
DH5	Ant1	High	2480	0.45	-49.29	≤-19.55	PASS
DH5	Ant1	Low	Hop_2402	1.51	-47.45	≤-18.49	PASS
DH5	Ant1	High	Hop_2480	0.41	-48.91	≤-19.59	PASS
2DH5	Ant1	Low	2402	1.74	-48.17	≤-18.26	PASS
2DH5	Ant1	High	2480	0.36	-50.44	≤-19.64	PASS
2DH5	Ant1	Low	Hop_2402	-1.21	-49.28	≤-21.21	PASS
2DH5	Ant1	High	Hop_2480	0.35	-49.75	≤-19.65	PASS
3DH5	Ant1	Low	2402	1.75	-48.21	≤-18.25	PASS
3DH5	Ant1	High	2480	0.31	-49.11	≤-19.69	PASS
3DH5	Ant1	Low	Hop_2402	-0.57	-49.41	≤-20.57	PASS
3DH5	Ant1	High	Hop_2480	-2.97	-51.13	≤-22.97	PASS

Remark: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

