

Appendix Test Data

Report No.:	1819C50066112501	Test Sample No.:	1-2-2
Start Test Date:	2025-06-18	Finish Test Date:	2025-06-18
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.7°C	Relative Humidity:	53%
Pressure:	101kPa		

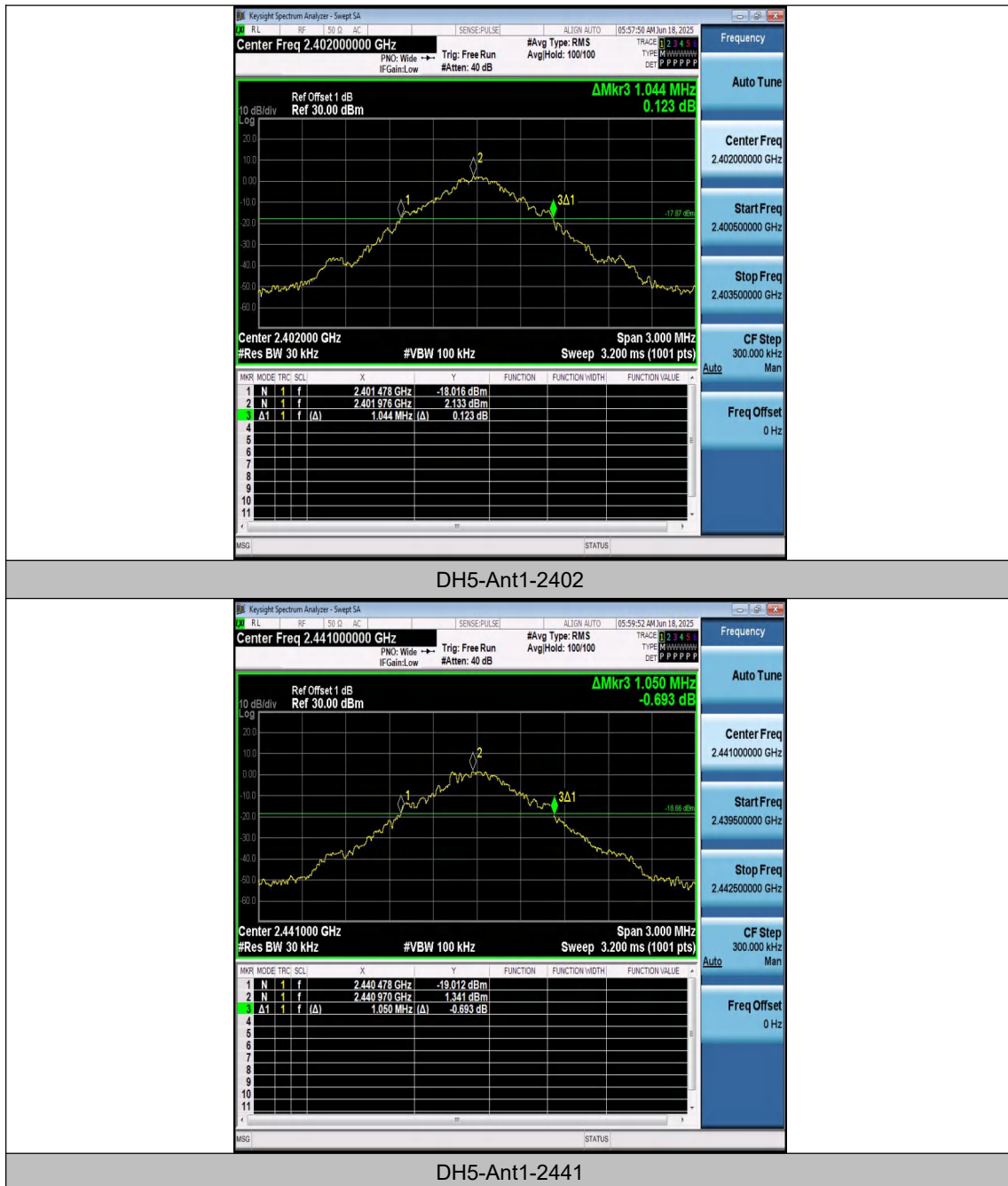
Appendix A: 20dB Bandwidth

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	1.050	2440.478	2441.528	---	---
DH5	Ant1	2480	1.062	2479.466	2480.528	---	---
2DH5	Ant1	2402	1.335	2401.346	2402.681	---	---
2DH5	Ant1	2441	1.389	2440.301	2441.690	---	---
2DH5	Ant1	2480	1.347	2479.325	2480.672	---	---
3DH5	Ant1	2402	1.314	2401.346	2402.660	---	---
3DH5	Ant1	2441	1.383	2440.301	2441.684	---	---
3DH5	Ant1	2480	1.368	2479.316	2480.684	---	---



Test Graphs





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3DH5-Ant1-2480

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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	0.95225	2401.5217	2402.4739	---	---
DH5	Ant1	2441	0.97644	2440.5116	2441.4880	---	---
DH5	Ant1	2480	0.98240	2479.5069	2480.4893	---	---
2DH5	Ant1	2402	1.2508	2401.3850	2402.6358	---	---
2DH5	Ant1	2441	1.2541	2440.3798	2441.6339	---	---
2DH5	Ant1	2480	1.2602	2479.3785	2480.6387	---	---
3DH5	Ant1	2402	1.2392	2401.3778	2402.6170	---	---
3DH5	Ant1	2441	1.2359	2440.3811	2441.6170	---	---
3DH5	Ant1	2480	1.2335	2479.3829	2480.6164	---	---



Test Graphs



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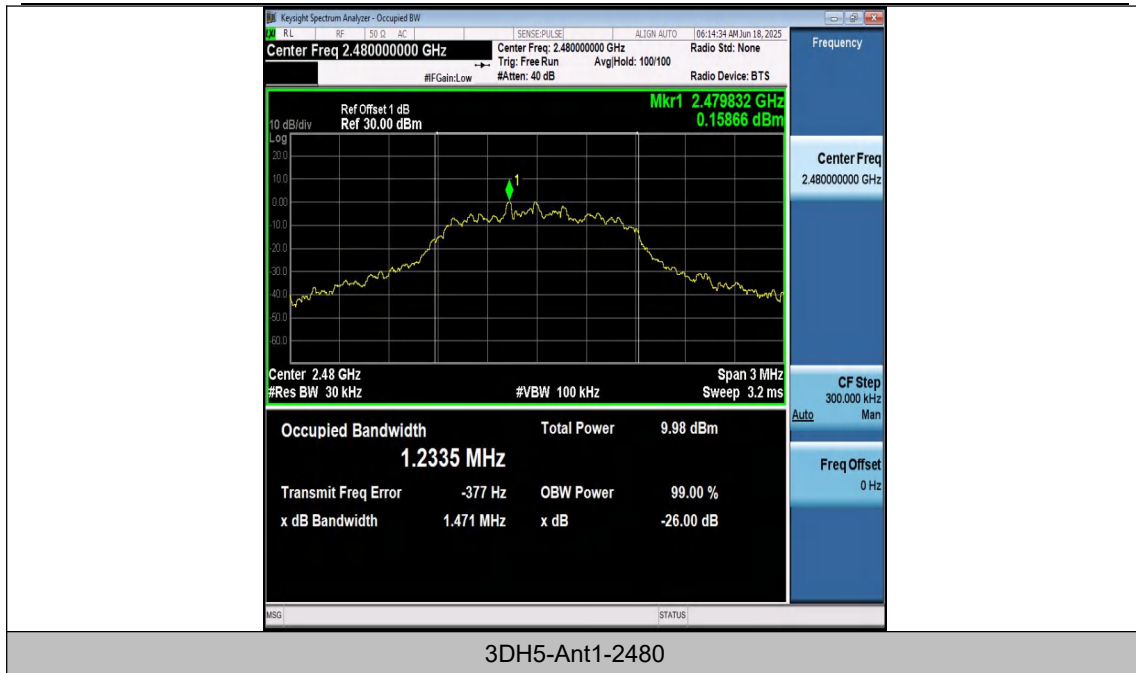
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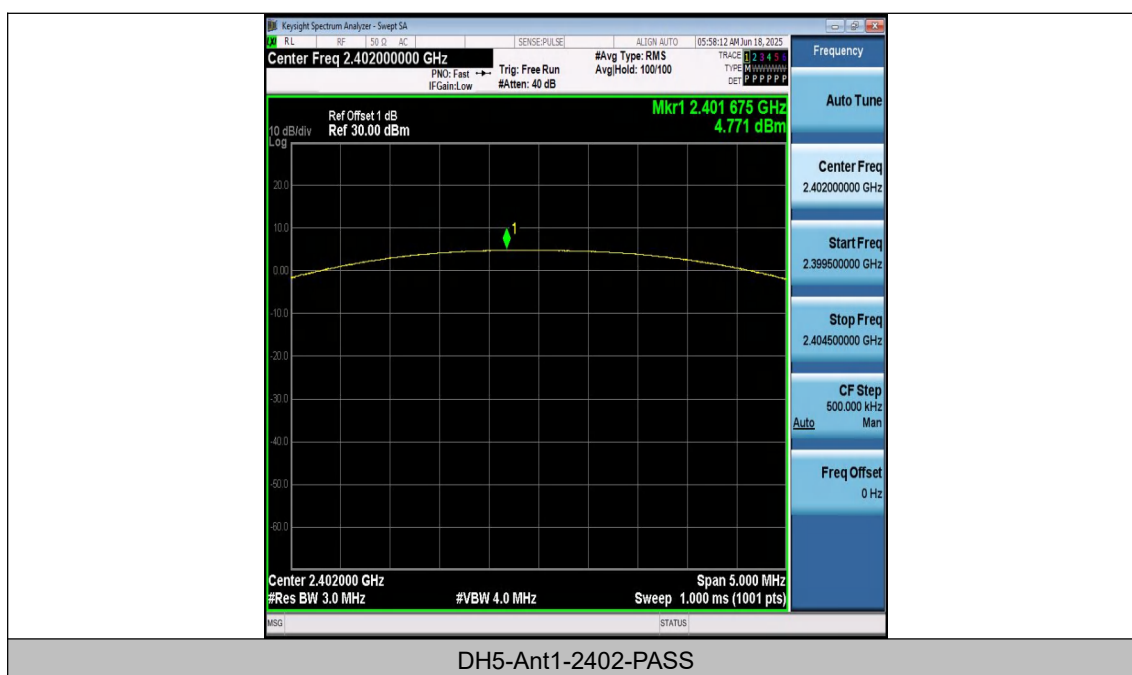
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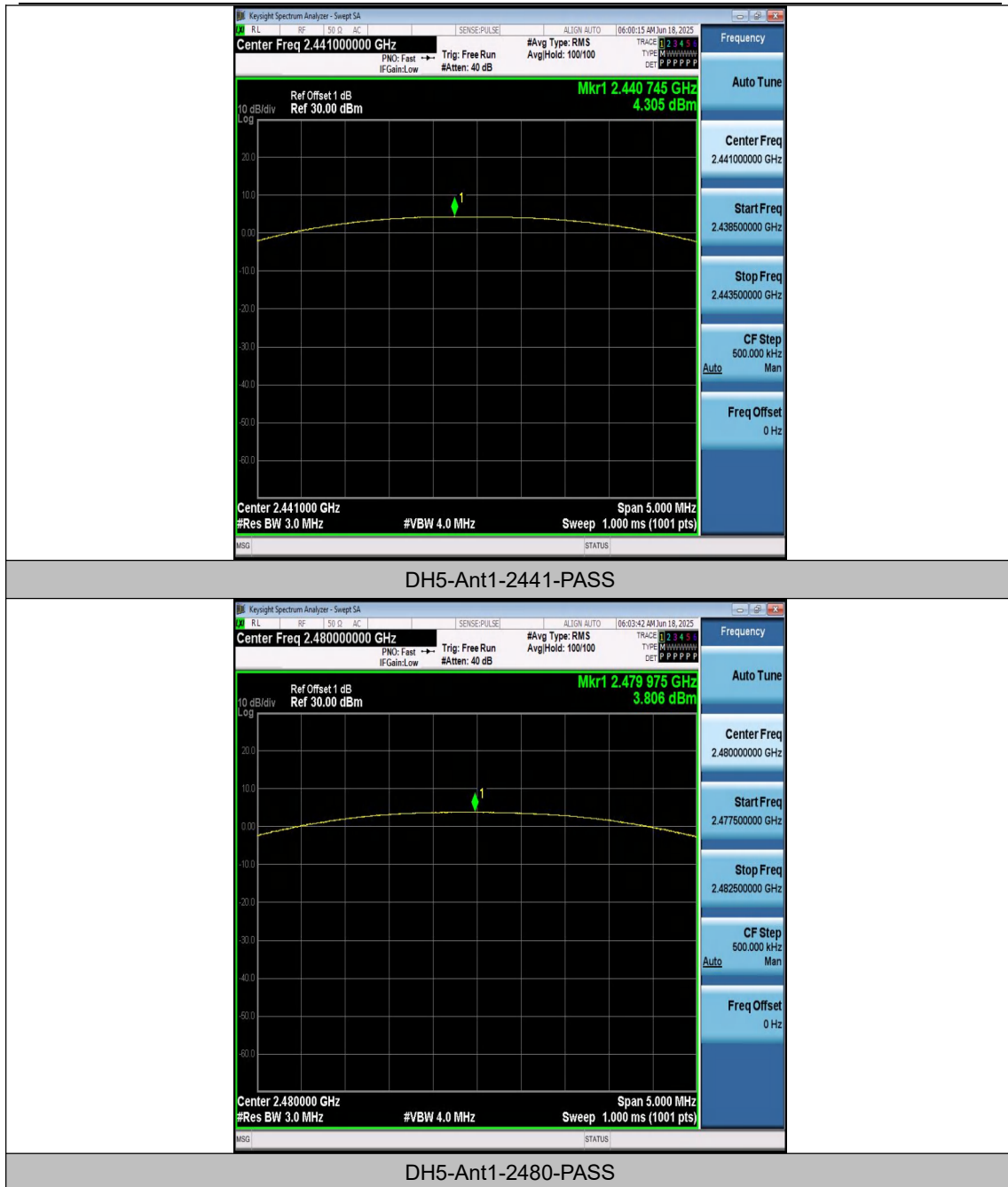
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	4.77	≤20.97	PASS
DH5	Ant1	2441	4.31	≤20.97	PASS
DH5	Ant1	2480	3.81	≤20.97	PASS
2DH5	Ant1	2402	5.37	≤20.97	PASS
2DH5	Ant1	2441	4.96	≤20.97	PASS
2DH5	Ant1	2480	4.49	≤20.97	PASS
3DH5	Ant1	2402	5.60	≤20.97	PASS
3DH5	Ant1	2441	5.23	≤20.97	PASS
3DH5	Ant1	2480	4.77	≤20.97	PASS

Test Graphs

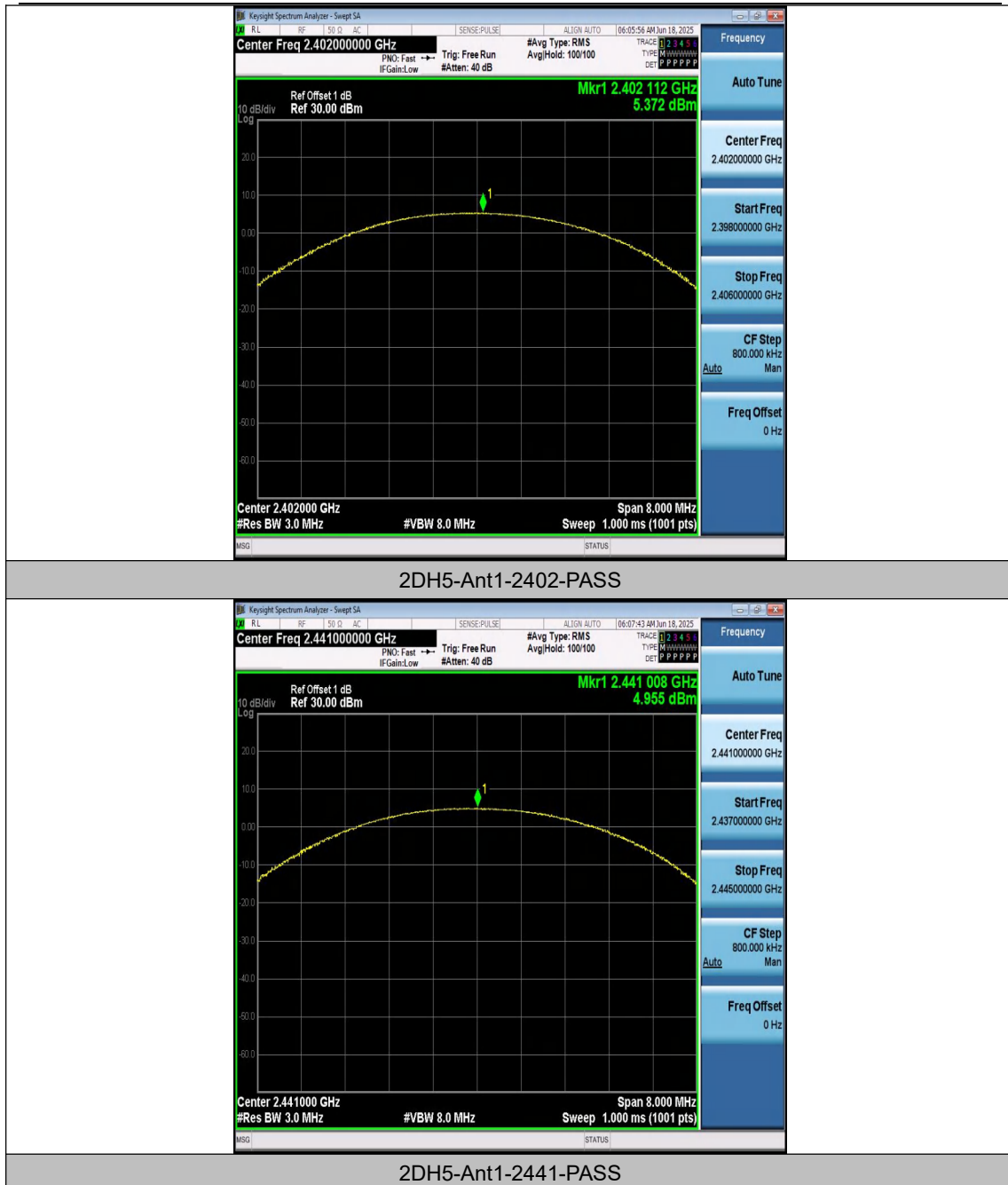




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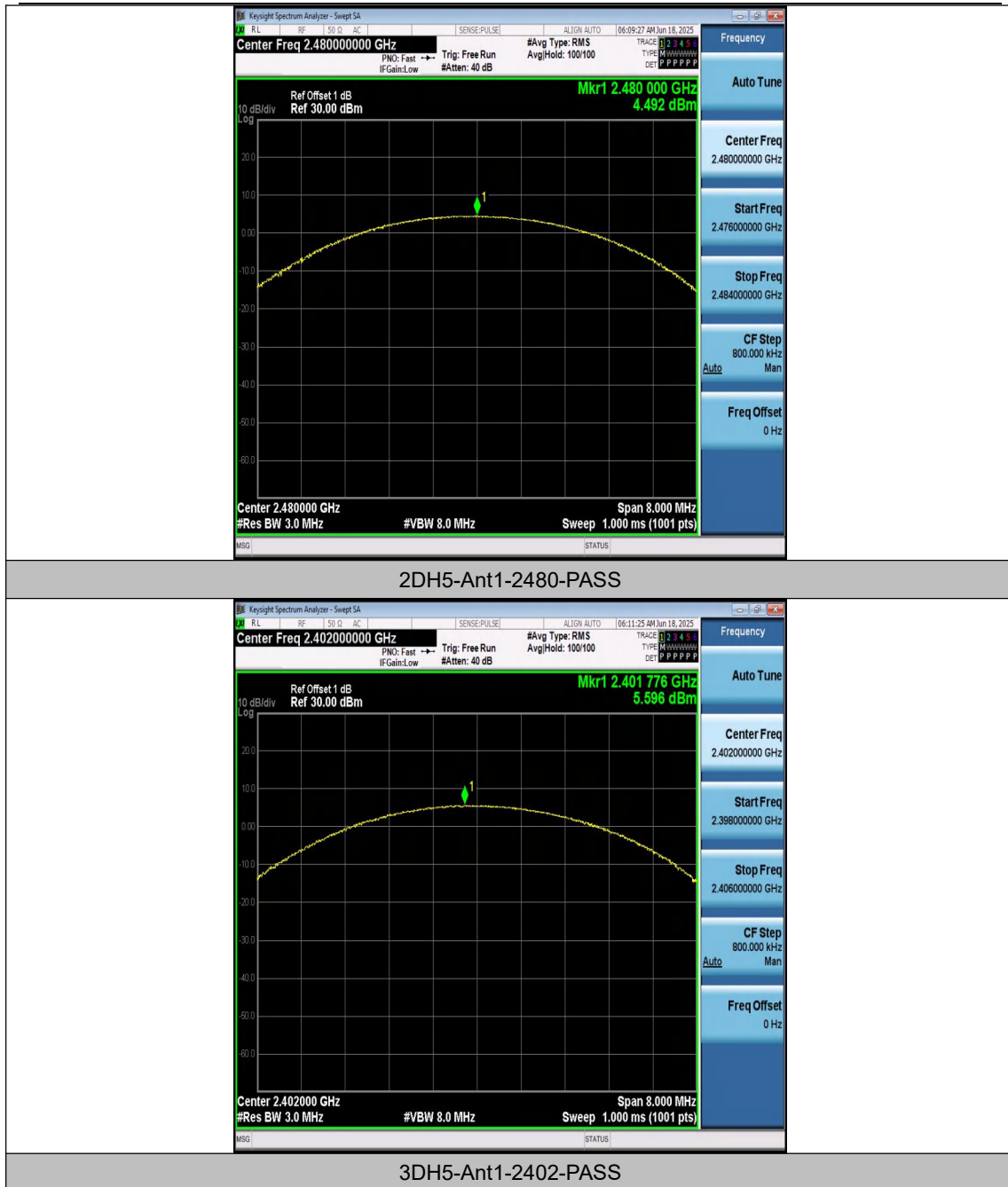
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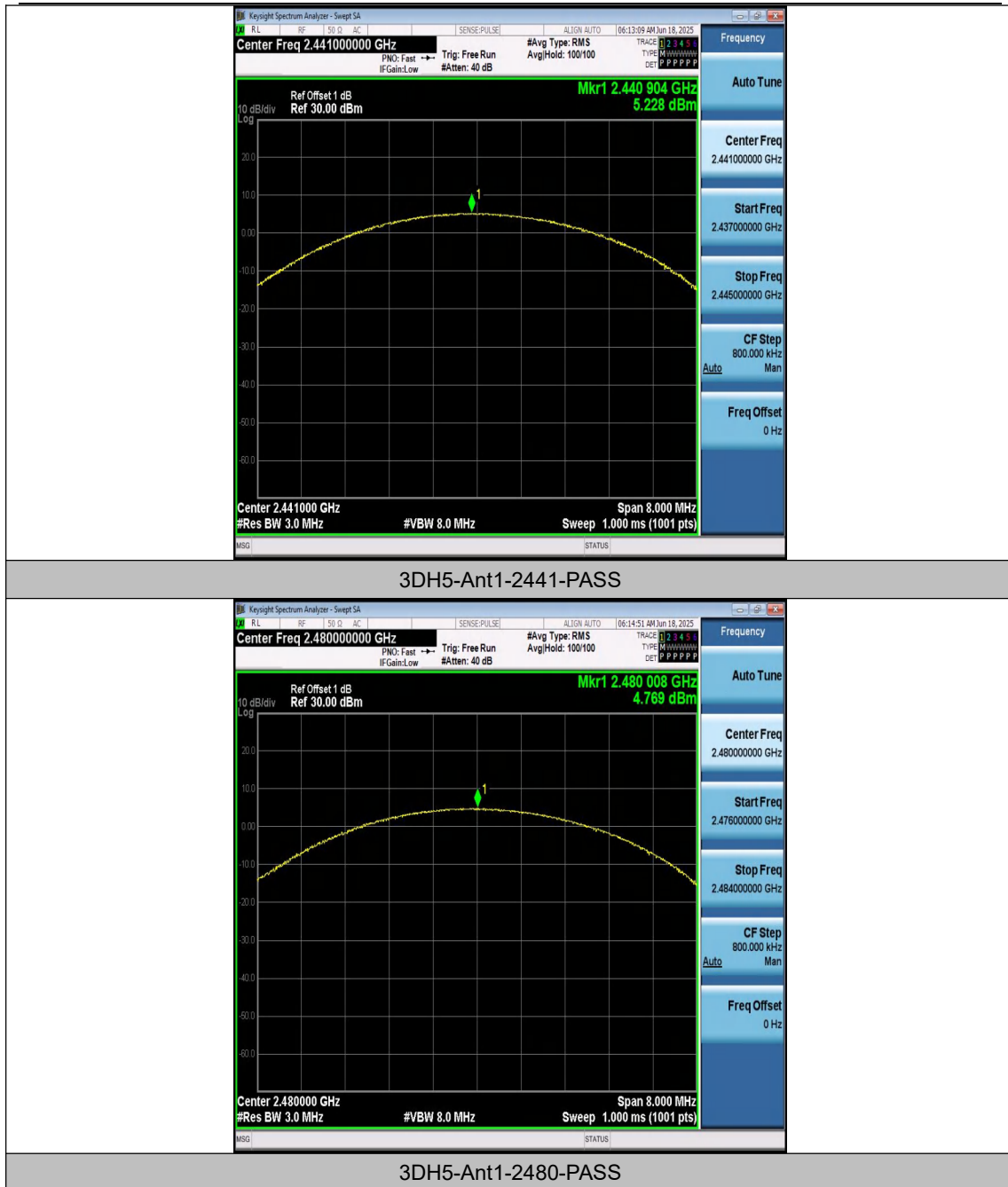


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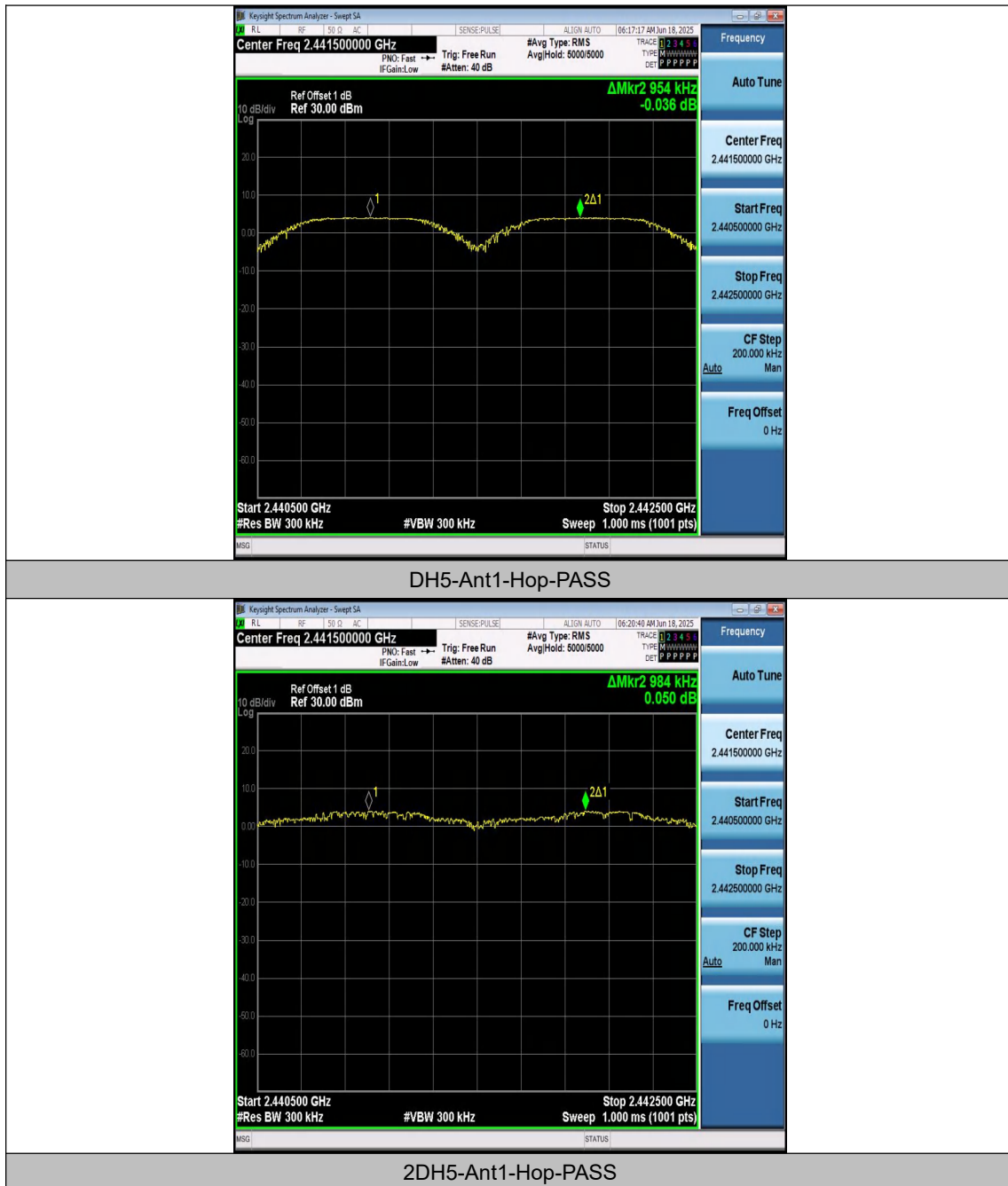
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.954	≥0.708	PASS
2DH5	Ant1	Hop	0.984	≥0.926	PASS
3DH5	Ant1	Hop	1.25	≥0.922	PASS

Test Graphs



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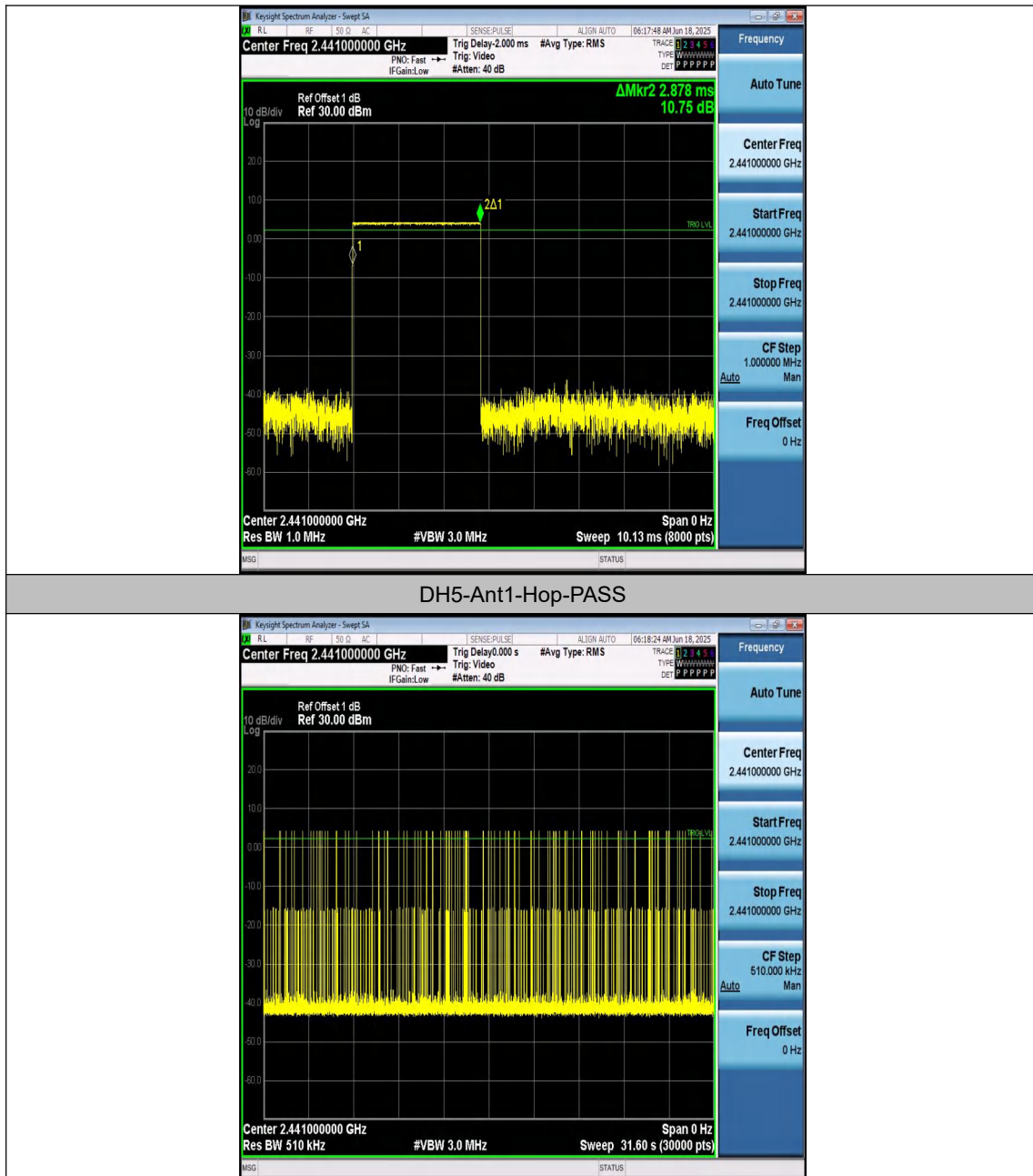
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.878	103	0.296	≤0.4	PASS
2DH5	Ant1	Hop	2.884	108	0.311	≤0.4	PASS
3DH5	Ant1	Hop	2.887	103	0.297	≤0.4	PASS



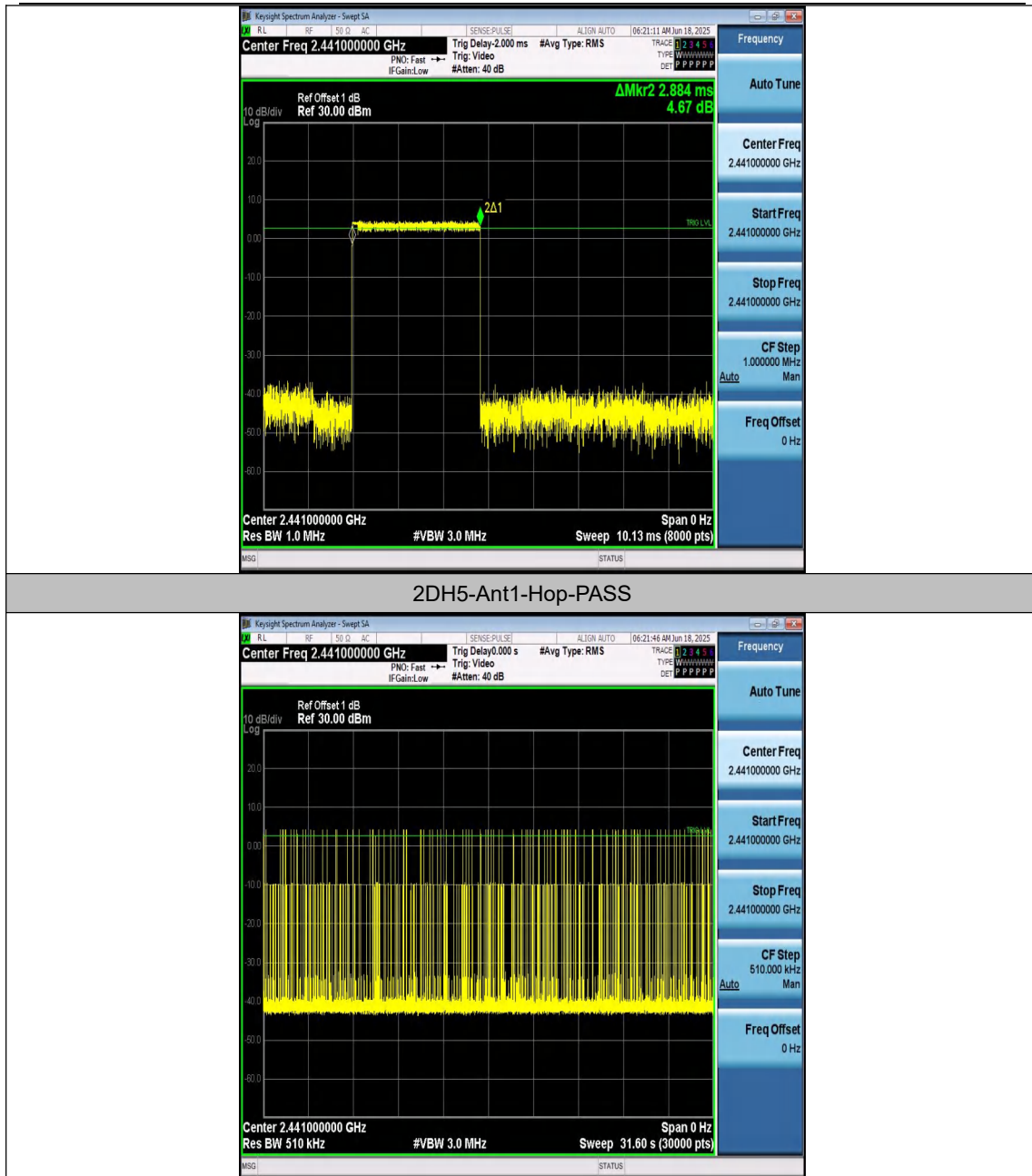
Test Graphs



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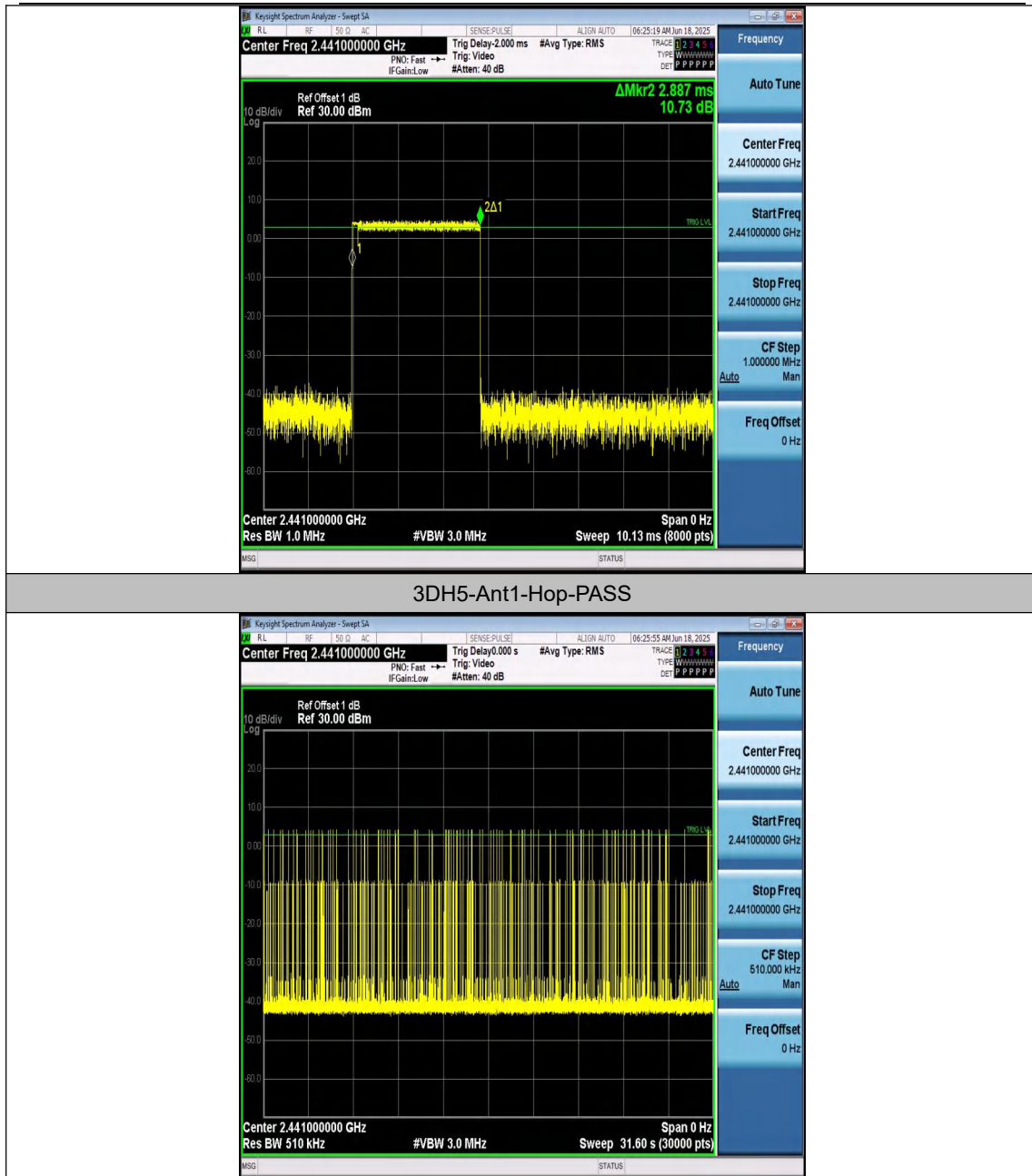


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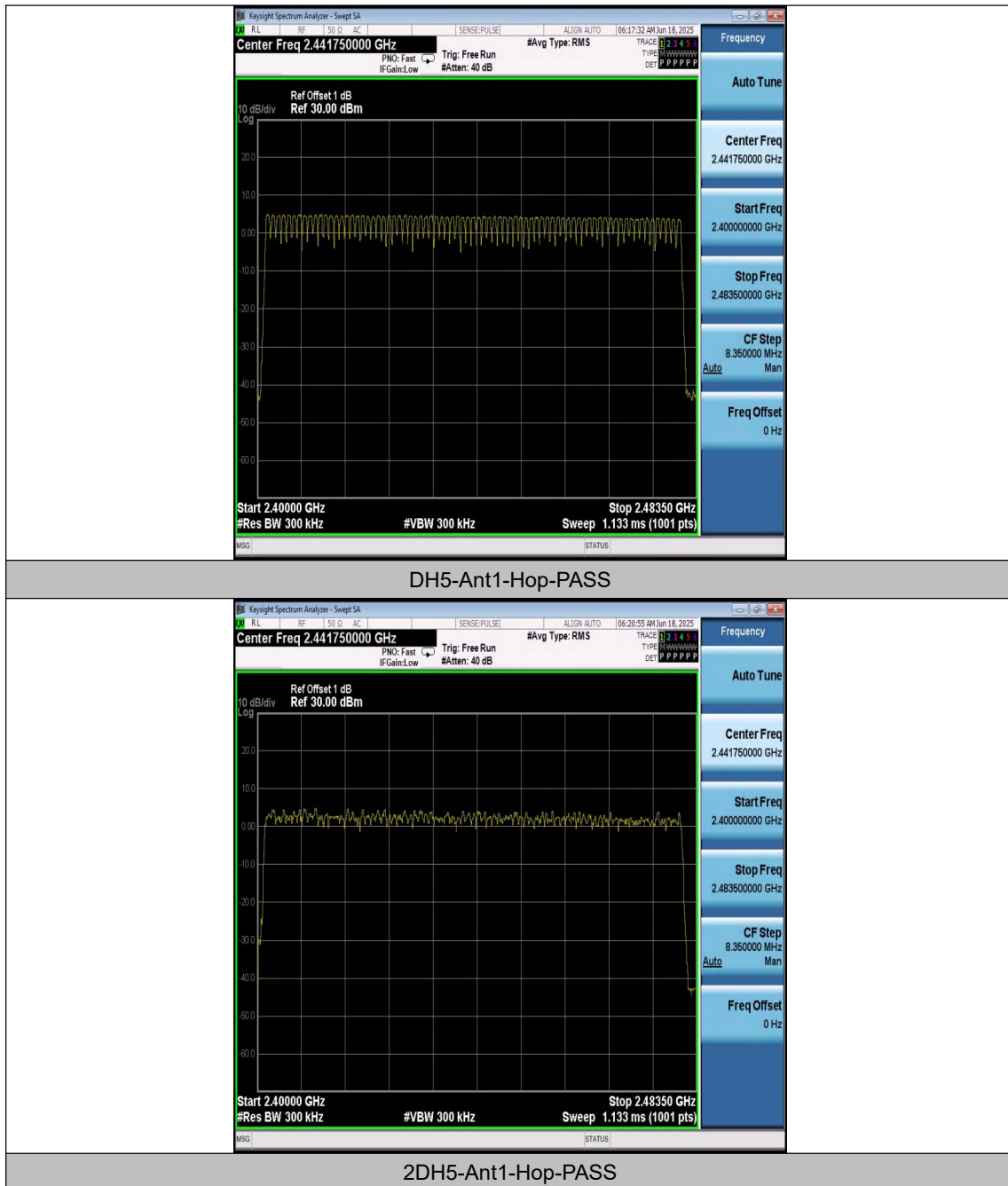
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Appendix F: Number of Hopping Channel

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

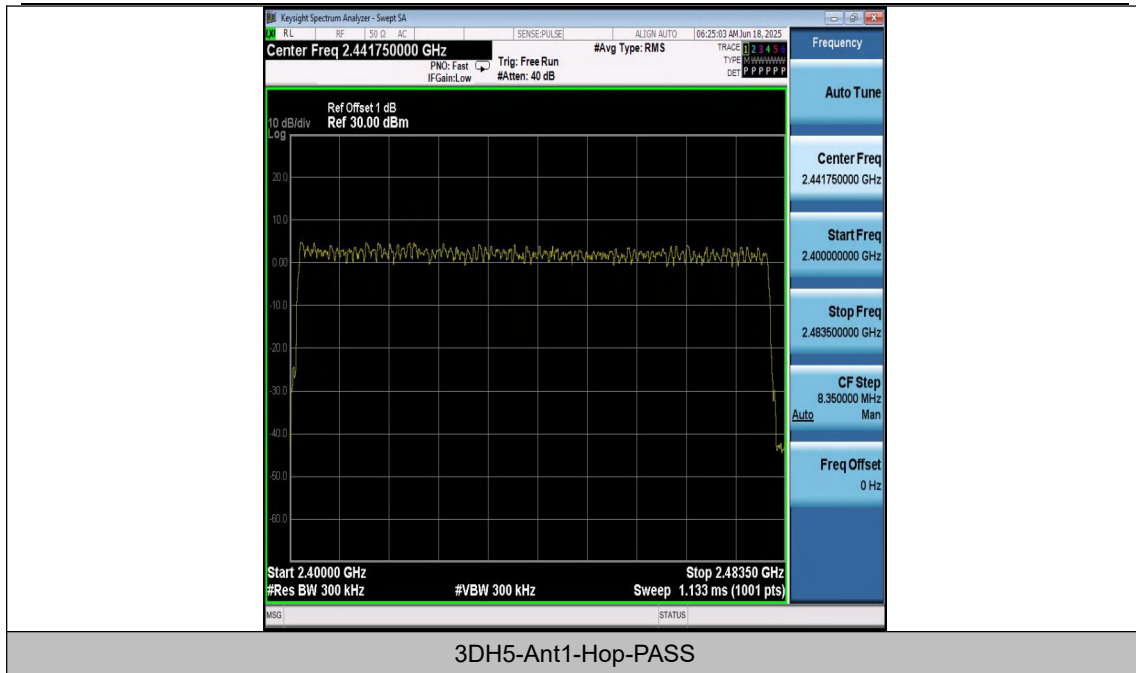
Test Graphs



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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	4.46	-45.33	≤-15.54	PASS
DH5	Ant1	High	2480	3.38	-46.6	≤-16.62	PASS
DH5	Ant1	Low	Hop_2402	4.06	-44.54	≤-15.94	PASS
DH5	Ant1	High	Hop_2480	3.24	-47.16	≤-16.76	PASS
2DH5	Ant1	Low	2402	4.49	-45.98	≤-15.51	PASS
2DH5	Ant1	High	2480	3.24	-47.7	≤-16.76	PASS
2DH5	Ant1	Low	Hop_2402	1.21	-45.98	≤-18.79	PASS
2DH5	Ant1	High	Hop_2480	3.23	-48.72	≤-16.77	PASS
3DH5	Ant1	Low	2402	4.43	-45.59	≤-15.57	PASS
3DH5	Ant1	High	2480	2.60	-48.09	≤-17.4	PASS
3DH5	Ant1	Low	Hop_2402	1.15	-46.72	≤-18.85	PASS
3DH5	Ant1	High	Hop_2480	3.38	-44.24	≤-16.62	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.

