

Appendix Test Data

Report No.:	1812C50143512501	Test Sample No.:	1-2-2
Start Test Date:	2025.04.16	Finish Test Date:	2025.04.16
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.6°C	Relative Humidity:	49%
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	0.846	2401.568	2402.414	---	---
DH5	Ant1	2441	0.852	2440.565	2441.417	---	---
DH5	Ant1	2480	0.819	2479.595	2480.414	---	---
2DH5	Ant1	2402	1.272	2401.370	2402.642	---	---
2DH5	Ant1	2441	1.290	2440.364	2441.654	---	---
2DH5	Ant1	2480	1.281	2479.367	2480.648	---	---
3DH5	Ant1	2402	1.287	2401.355	2402.642	---	---
3DH5	Ant1	2441	1.308	2440.346	2441.654	---	---
3DH5	Ant1	2480	1.248	2479.376	2480.624	---	---

Test Graphs





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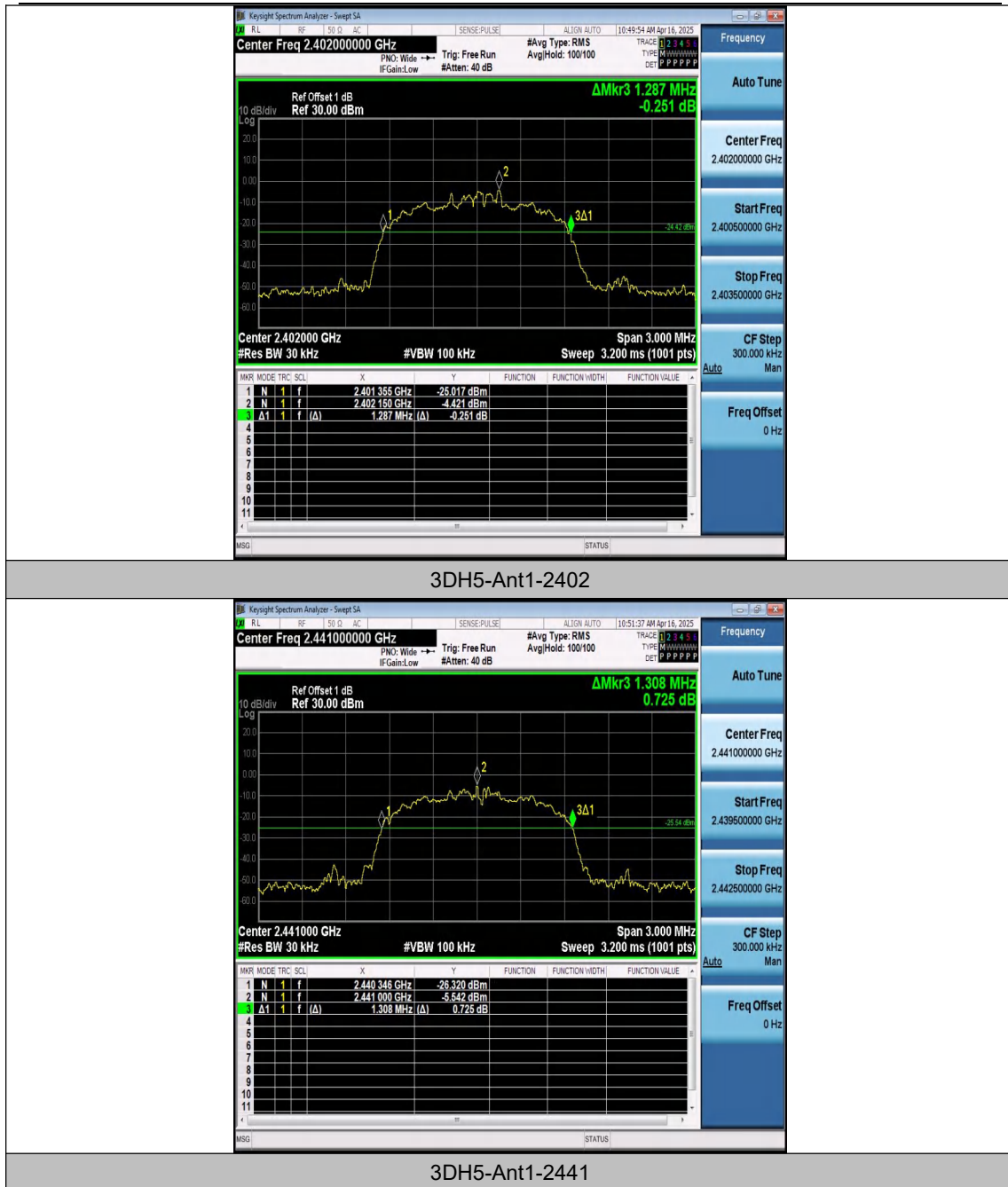
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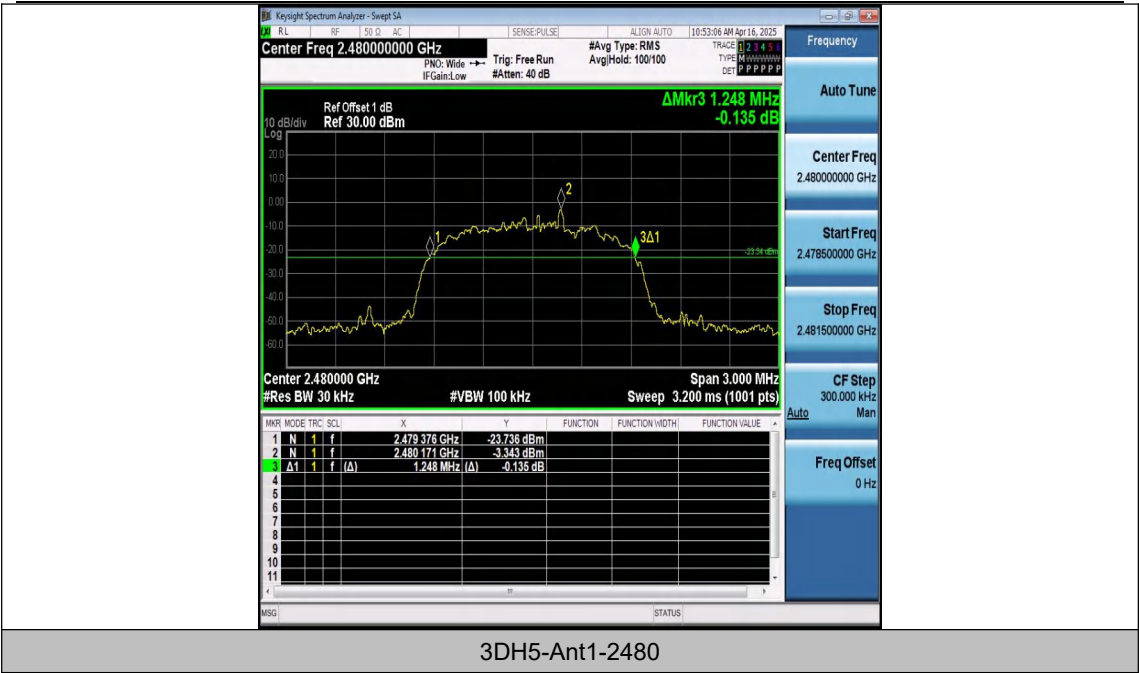


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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.76227	2401.6215	2402.3838	---	---
DH5	Ant1	2441	0.75214	2440.6278	2441.3799	---	---
DH5	Ant1	2480	0.74746	2479.6307	2480.3782	---	---
2DH5	Ant1	2402	1.1731	2401.4150	2402.5881	---	---
2DH5	Ant1	2441	1.1697	2440.4132	2441.5829	---	---
2DH5	Ant1	2480	1.1755	2479.4111	2480.5866	---	---
3DH5	Ant1	2402	1.1659	2401.4168	2402.5827	---	---
3DH5	Ant1	2441	1.1738	2440.4161	2441.5899	---	---
3DH5	Ant1	2480	1.1735	2479.4168	2480.5903	---	---

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Test Graphs



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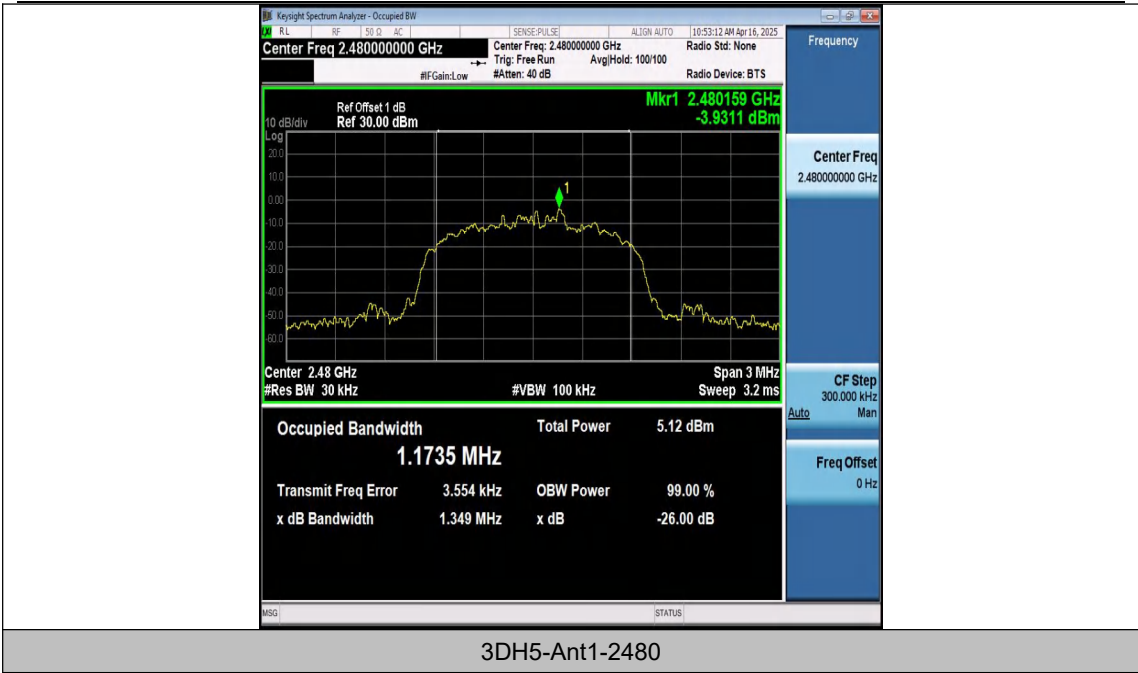
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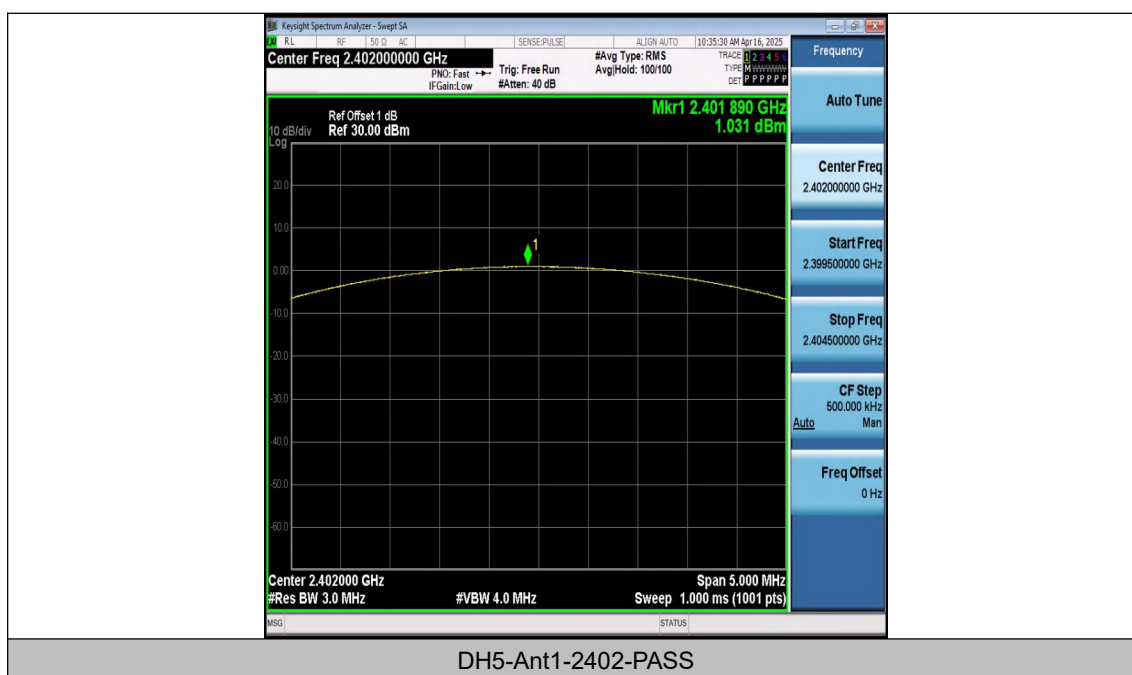
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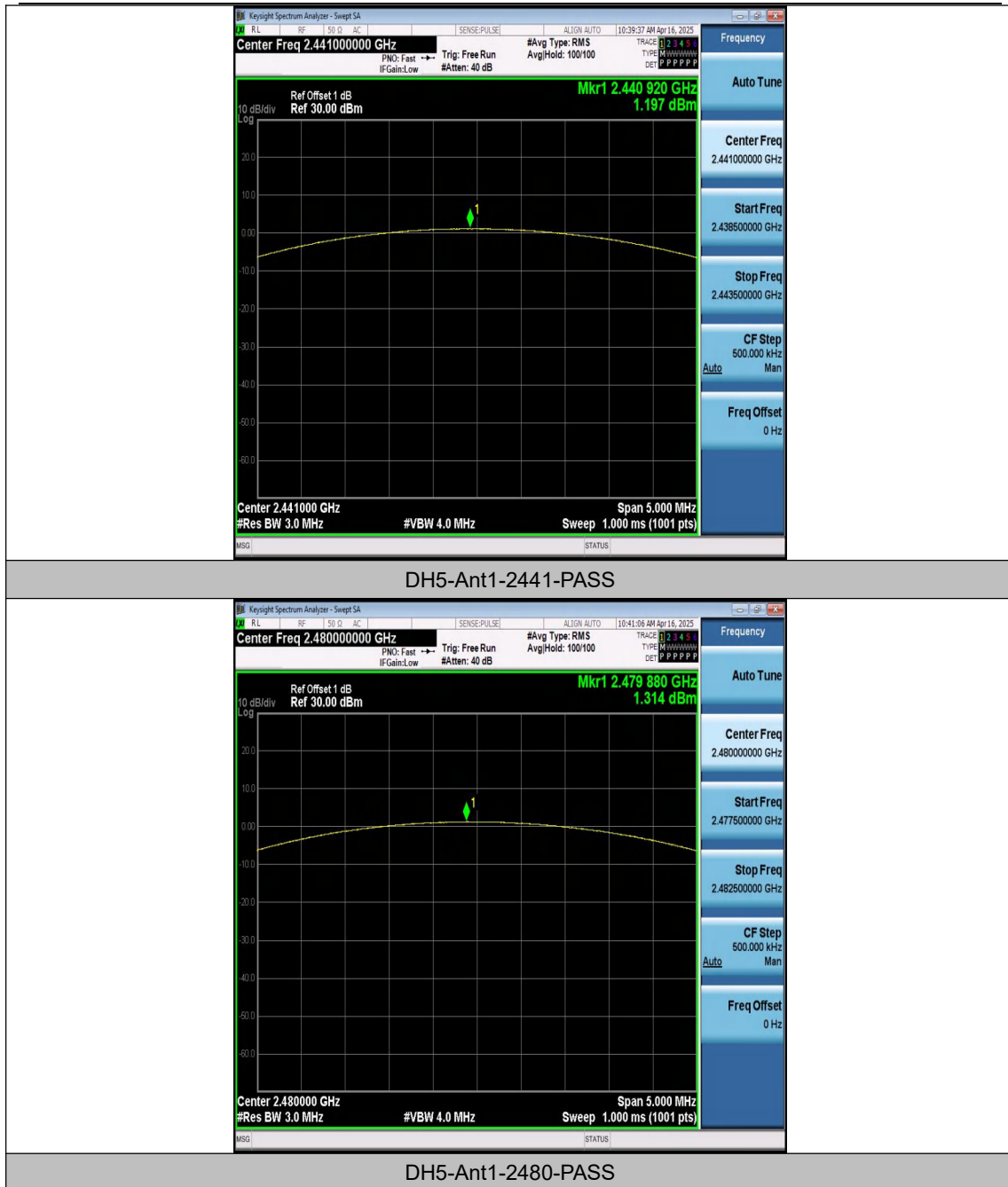
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.03	≤20.97	PASS
DH5	Ant1	2441	1.20	≤20.97	PASS
DH5	Ant1	2480	1.31	≤20.97	PASS
2DH5	Ant1	2402	0.19	≤20.97	PASS
2DH5	Ant1	2441	0.30	≤20.97	PASS
2DH5	Ant1	2480	0.38	≤20.97	PASS
3DH5	Ant1	2402	-0.03	≤20.97	PASS
3DH5	Ant1	2441	0.07	≤20.97	PASS
3DH5	Ant1	2480	0.17	≤20.97	PASS

Test Graphs



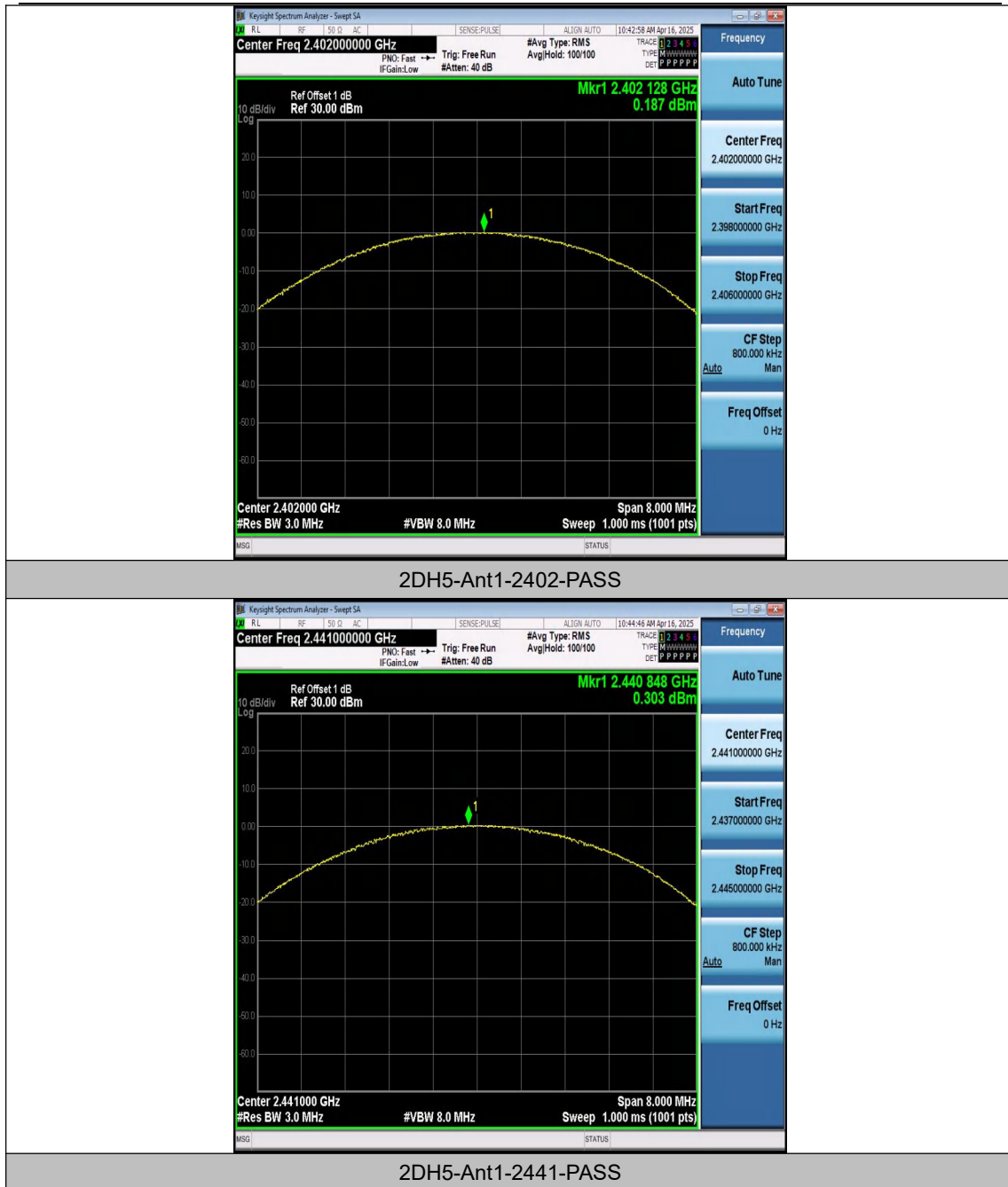


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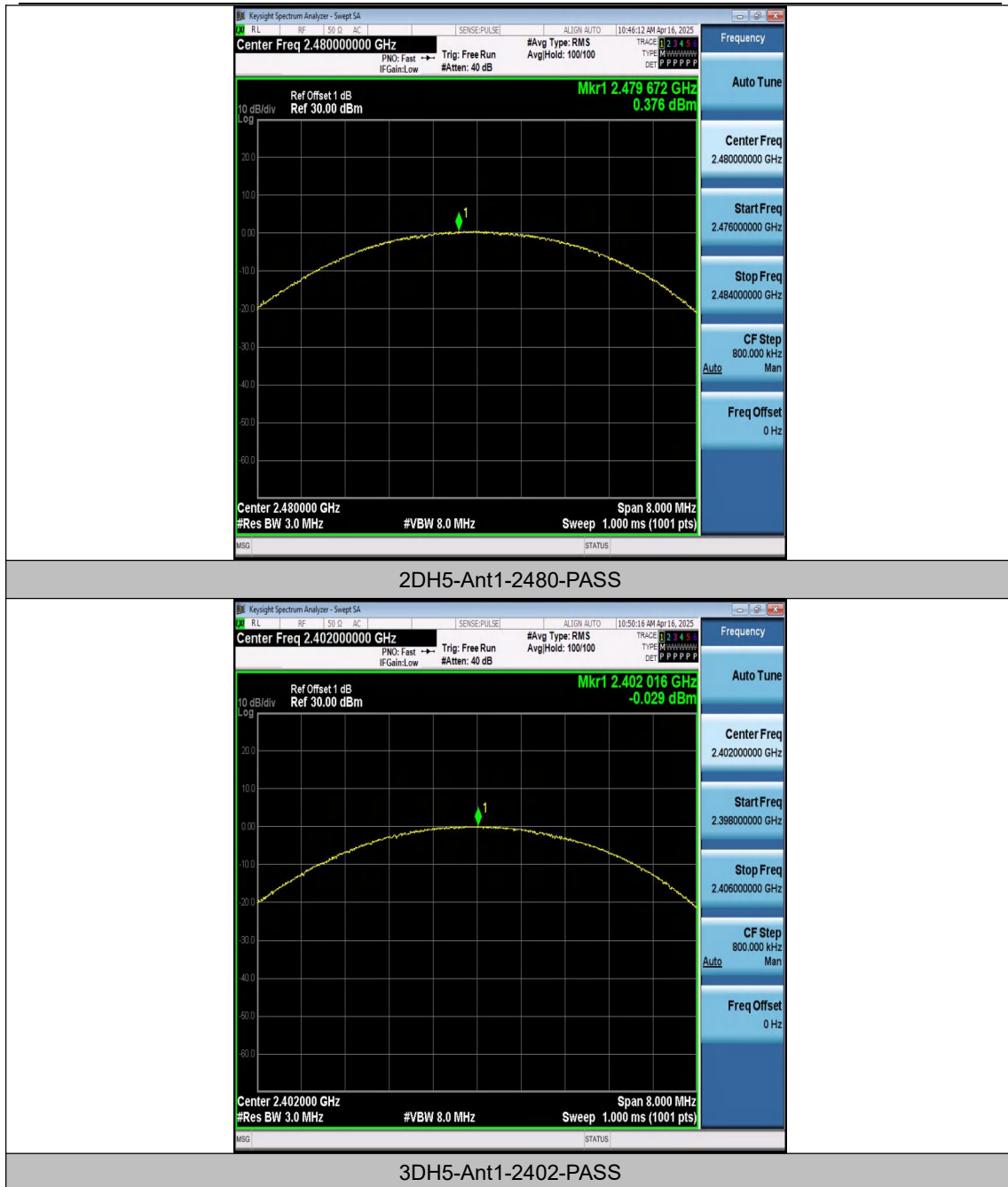


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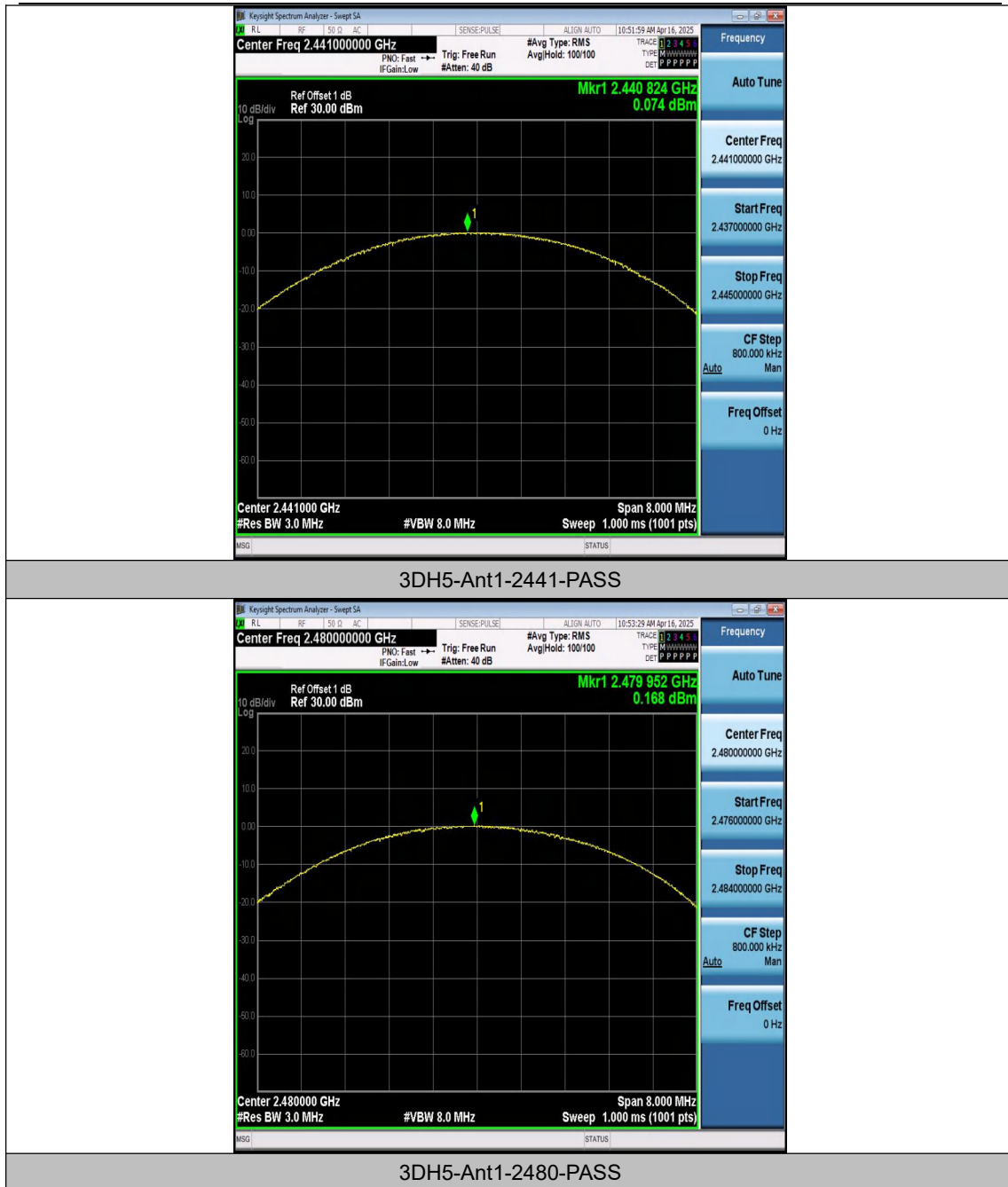


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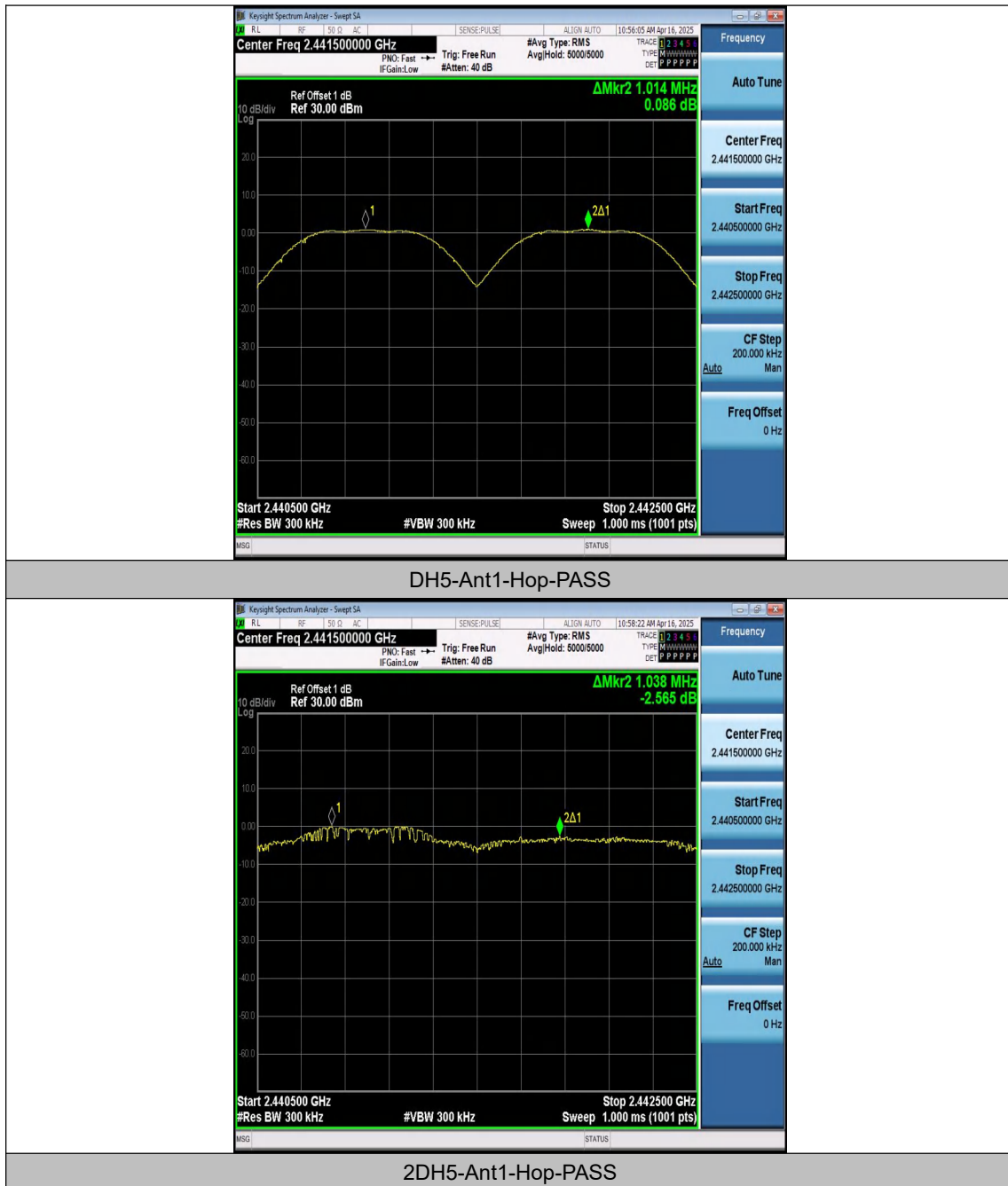
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.014	≥ 0.586	PASS
2DH5	Ant1	Hop	1.038	≥ 0.860	PASS
3DH5	Ant1	Hop	0.996	≥ 0.872	PASS



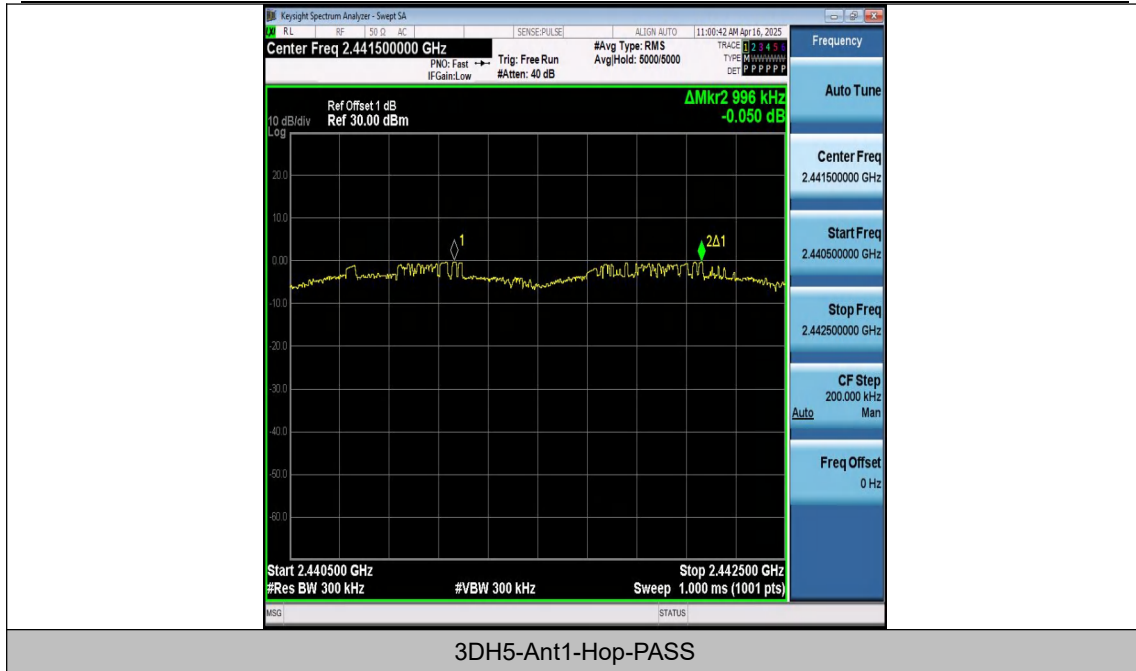
Test Graphs



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Appendix E: Dwell Time

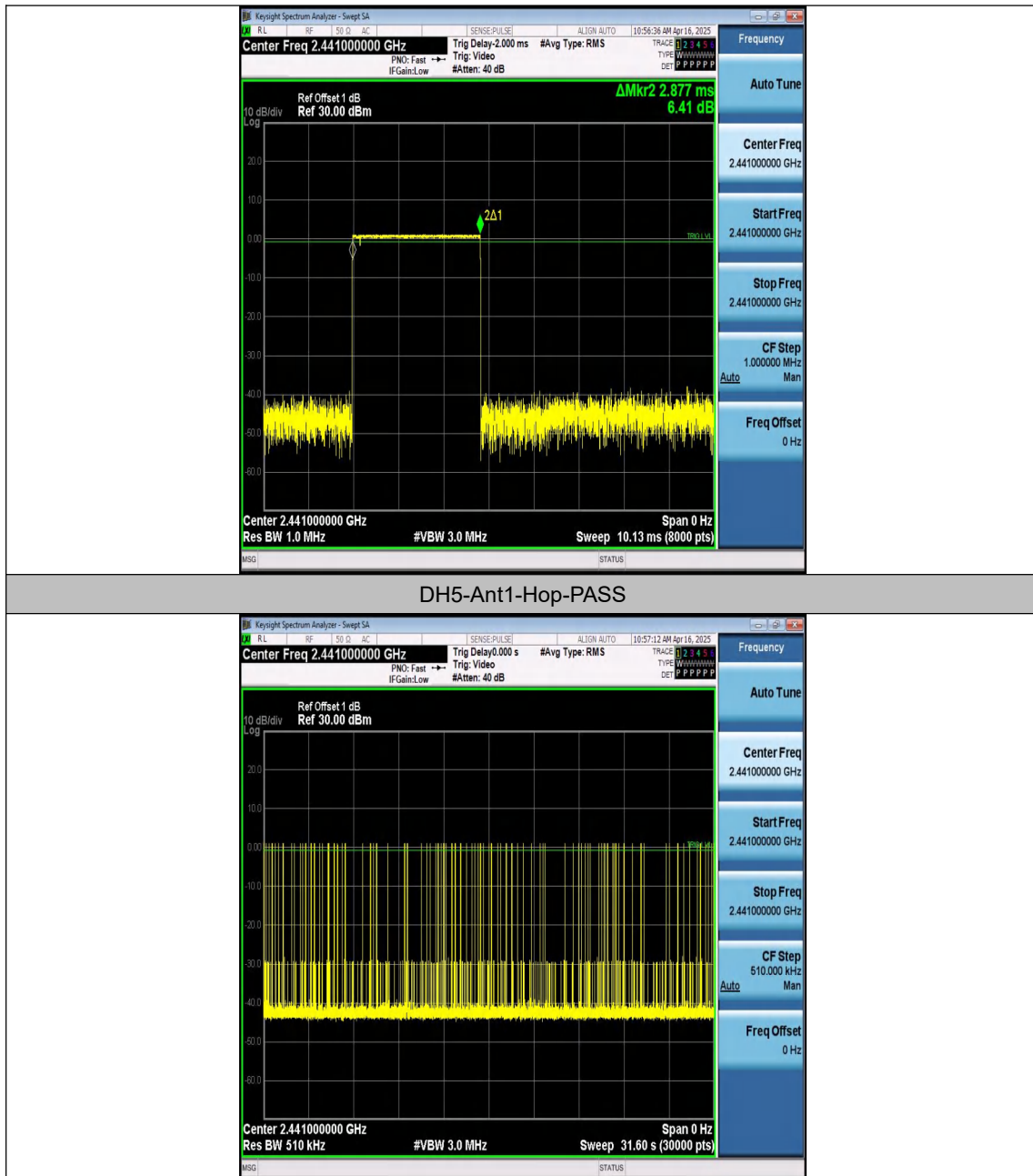
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.877	113	0.325	≤0.4	PASS
2DH5	Ant1	Hop	2.882	115	0.331	≤0.4	PASS
3DH5	Ant1	Hop	2.884	114	0.329	≤0.4	PASS

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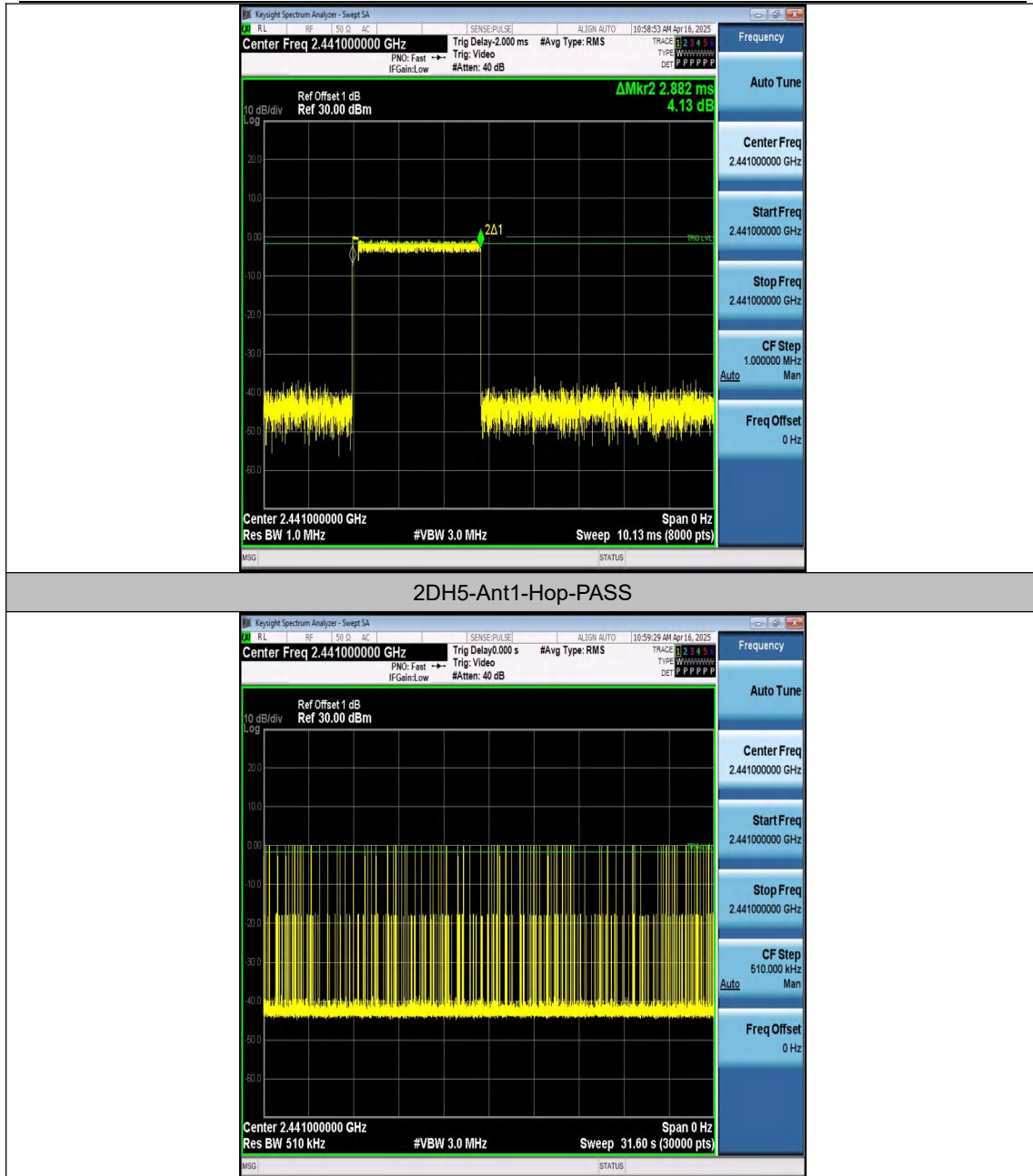
Test Graphs



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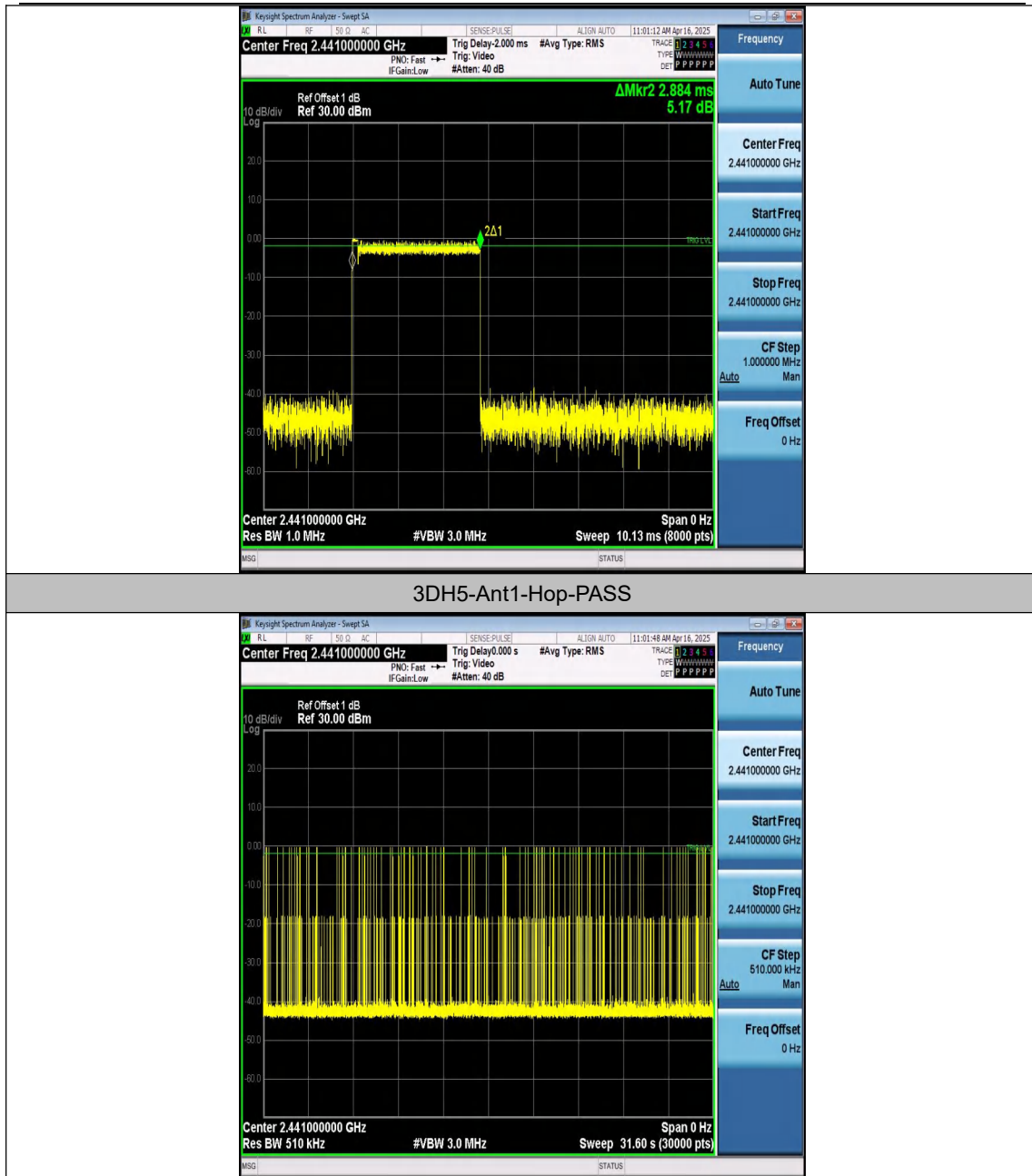
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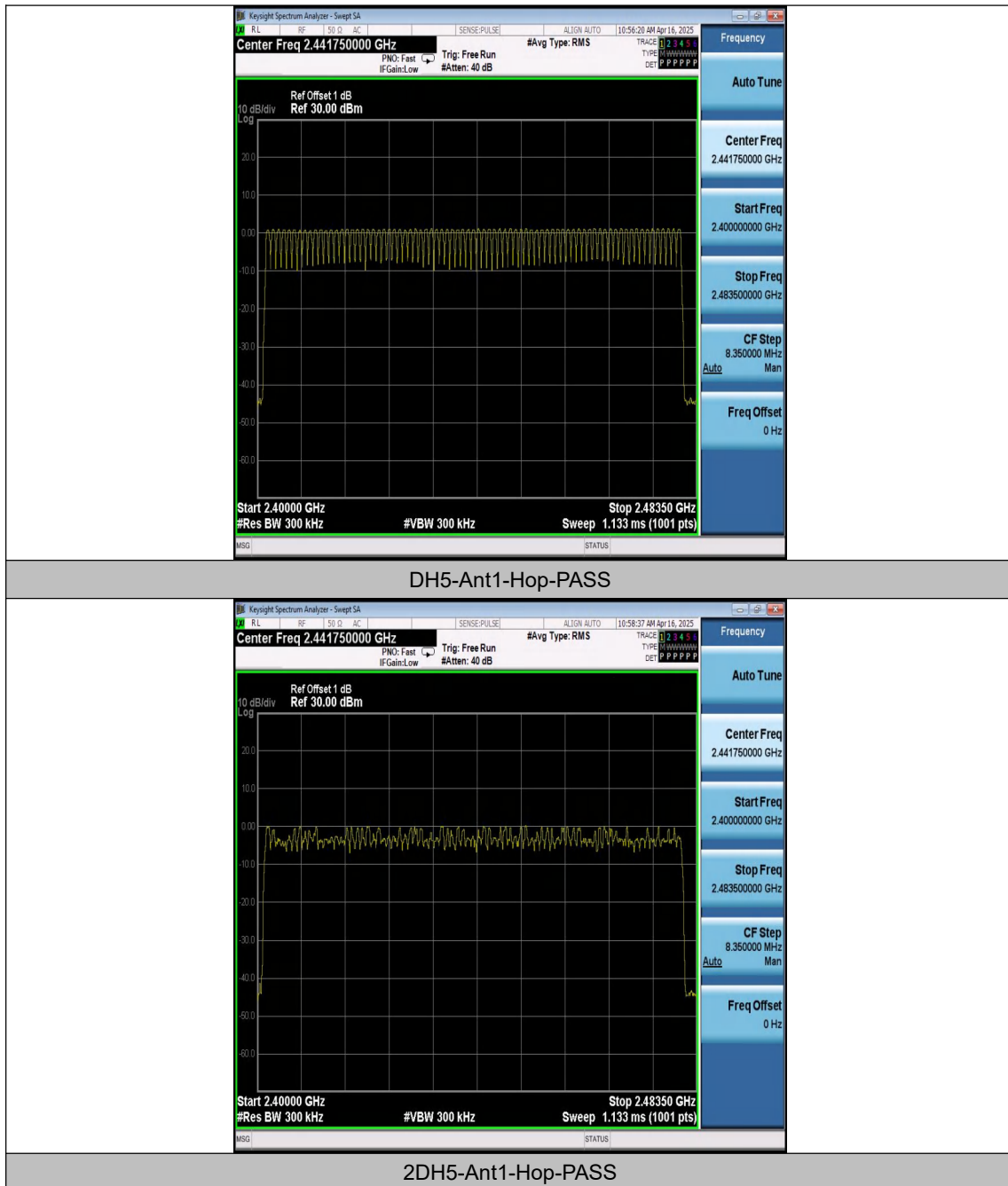
Appendix F: Number of Hopping Channel

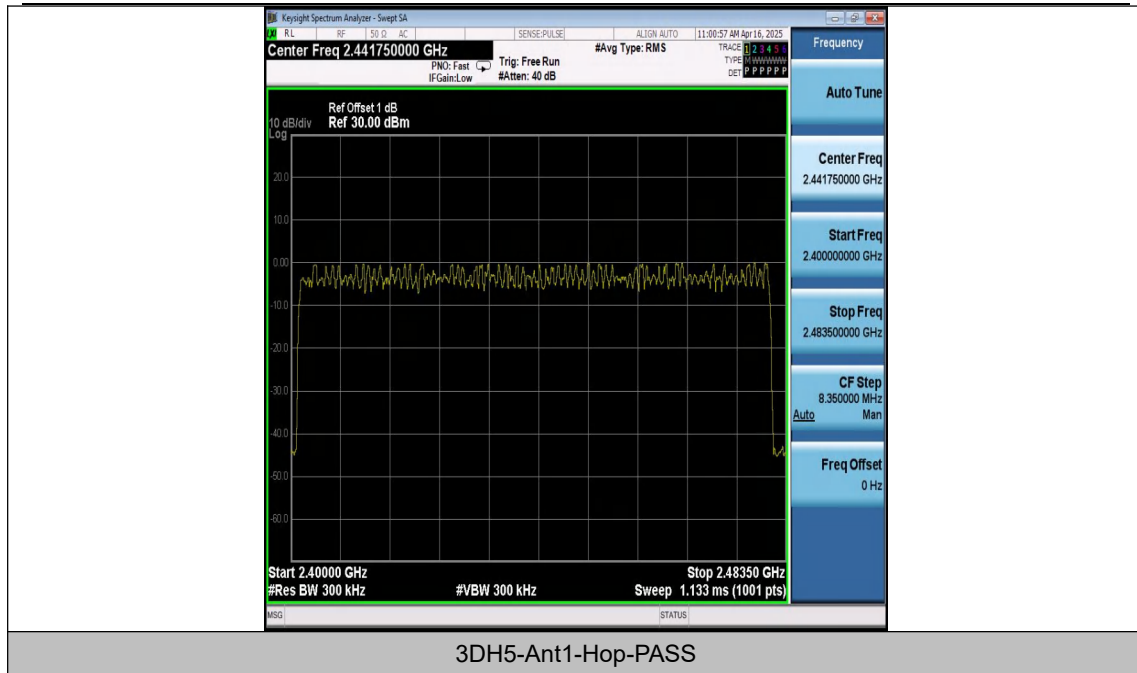
Test Result

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	0.67	-56.69	≤-19.33	PASS
DH5	Ant1	High	2480	0.83	-56.6	≤-19.17	PASS
DH5	Ant1	Low	Hop_2402	0.46	-57.15	≤-19.54	PASS
DH5	Ant1	High	Hop_2480	0.95	-56.35	≤-19.05	PASS
2DH5	Ant1	Low	2402	-0.32	-56.47	≤-20.32	PASS
2DH5	Ant1	High	2480	0.04	-56.73	≤-19.96	PASS
2DH5	Ant1	Low	Hop_2402	-5.11	-57.35	≤-25.11	PASS
2DH5	Ant1	High	Hop_2480	-1.59	-56.46	≤-21.59	PASS
3DH5	Ant1	Low	2402	-0.49	-56.96	≤-20.49	PASS
3DH5	Ant1	High	2480	-0.17	-56.78	≤-20.17	PASS
3DH5	Ant1	Low	Hop_2402	-5.48	-56.49	≤-25.48	PASS
3DH5	Ant1	High	Hop_2480	-0.15	-56.28	≤-20.15	PASS

