

Appendix Test Data

Report No.:	1819C50111012501	Test Sample No.:	1-2-2
Start Test Date:	2025-10-14	Finish Test Date:	2025-10-14
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	25.4°C	Relative Humidity:	64%
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	1.035	2401.523	2402.558	---	---
DH5	Ant1	2441	0.996	2440.547	2441.543	---	---
DH5	Ant1	2480	1.017	2479.529	2480.546	---	---
2DH5	Ant1	2402	1.344	2401.379	2402.723	---	---
2DH5	Ant1	2441	1.251	2440.430	2441.681	---	---
2DH5	Ant1	2480	1.260	2479.430	2480.690	---	---
3DH5	Ant1	2402	1.290	2401.412	2402.702	---	---
3DH5	Ant1	2441	1.245	2440.421	2441.666	---	---
3DH5	Ant1	2480	1.263	2479.421	2480.684	---	---

Test Graphs

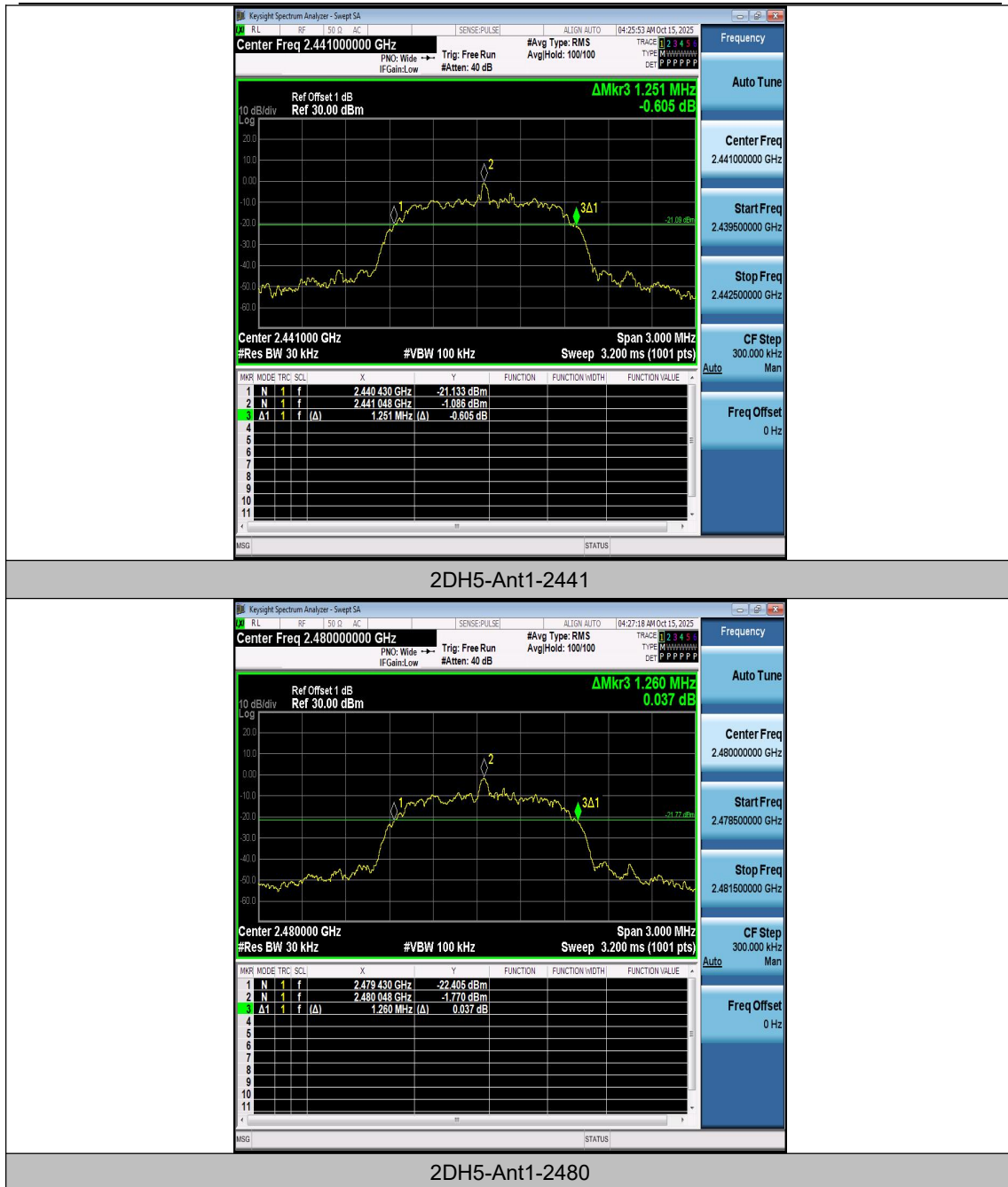




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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89951	2401.6050	2402.5045	---	---
DH5	Ant1	2441	0.87961	2440.6099	2441.4895	---	---
DH5	Ant1	2480	0.87694	2479.6160	2480.4930	---	---
2DH5	Ant1	2402	1.1618	2401.4712	2402.6330	---	---
2DH5	Ant1	2441	1.1723	2440.4661	2441.6384	---	---
2DH5	Ant1	2480	1.1664	2479.4707	2480.6371	---	---
3DH5	Ant1	2402	1.1814	2401.4579	2402.6393	---	---
3DH5	Ant1	2441	1.1989	2440.4502	2441.6491	---	---
3DH5	Ant1	2480	1.1811	2479.4609	2480.6420	---	---

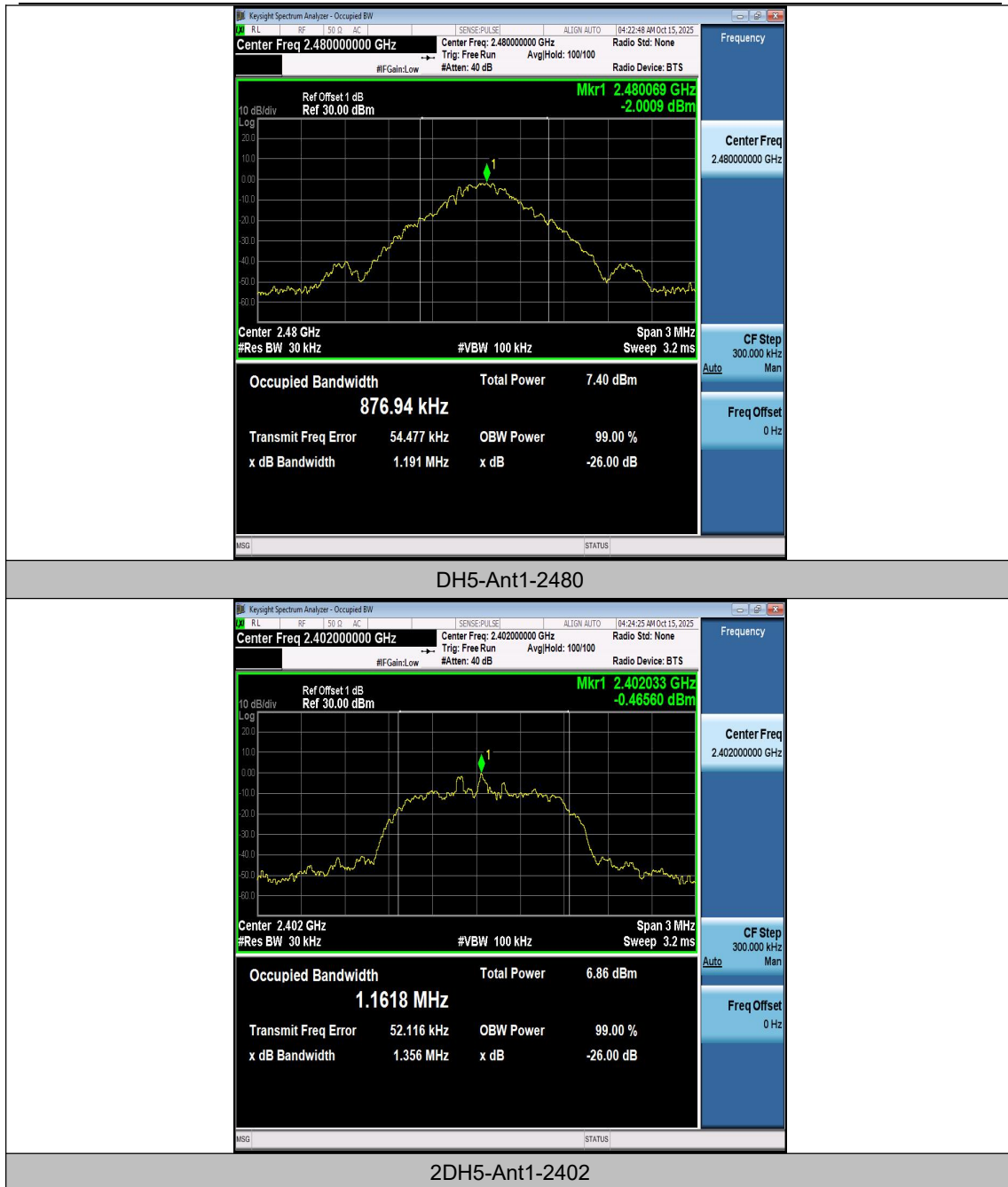
Test Graphs



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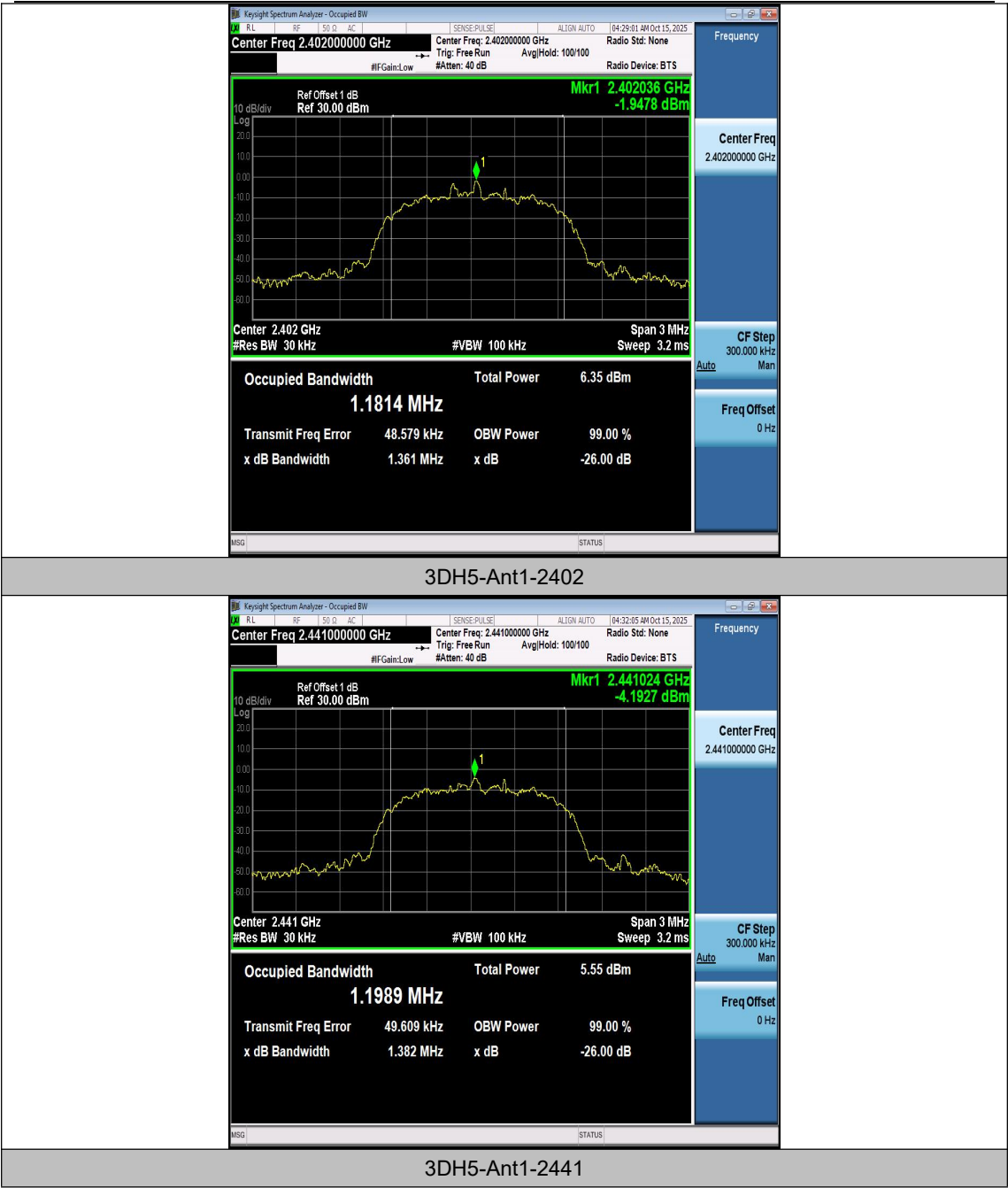
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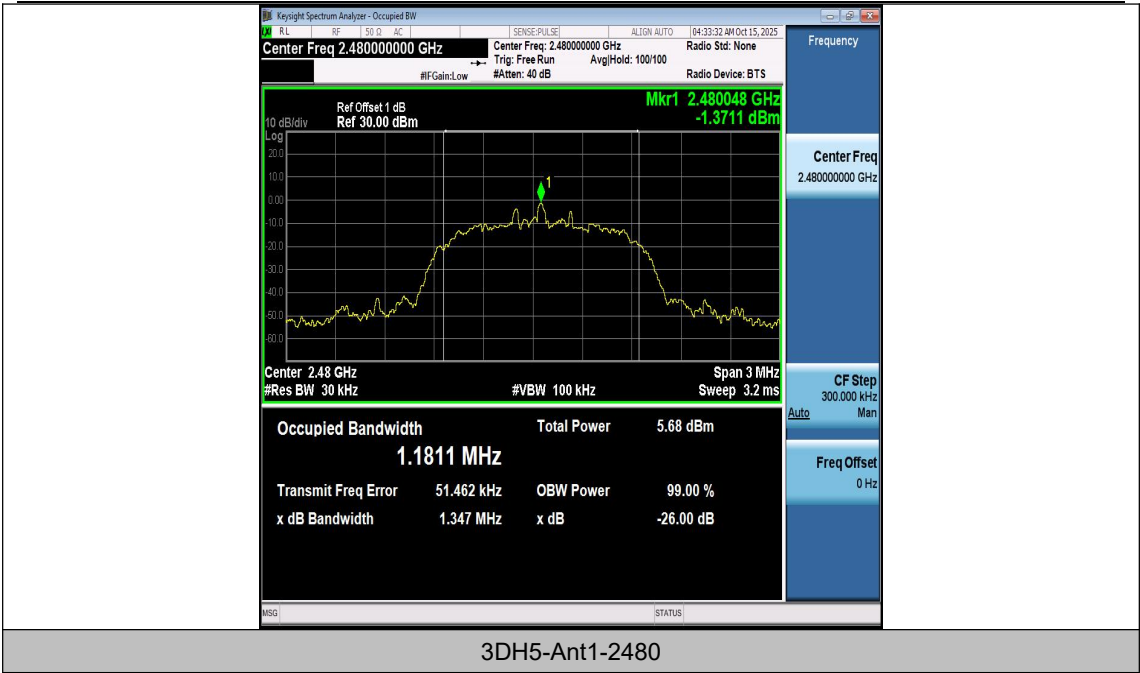


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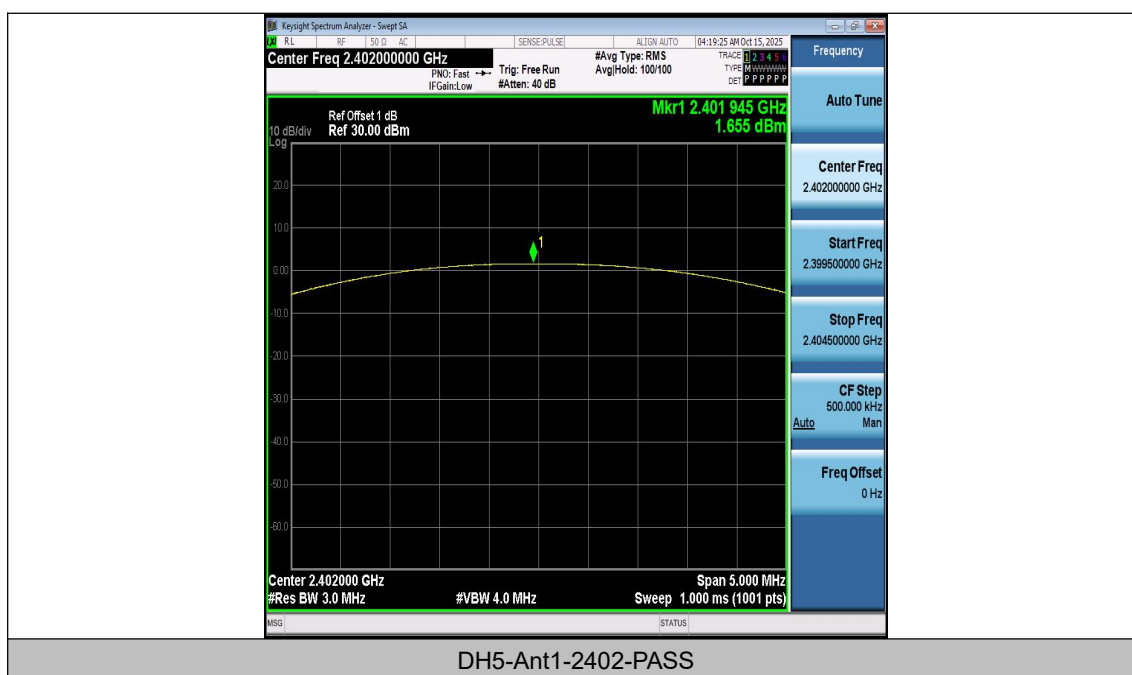
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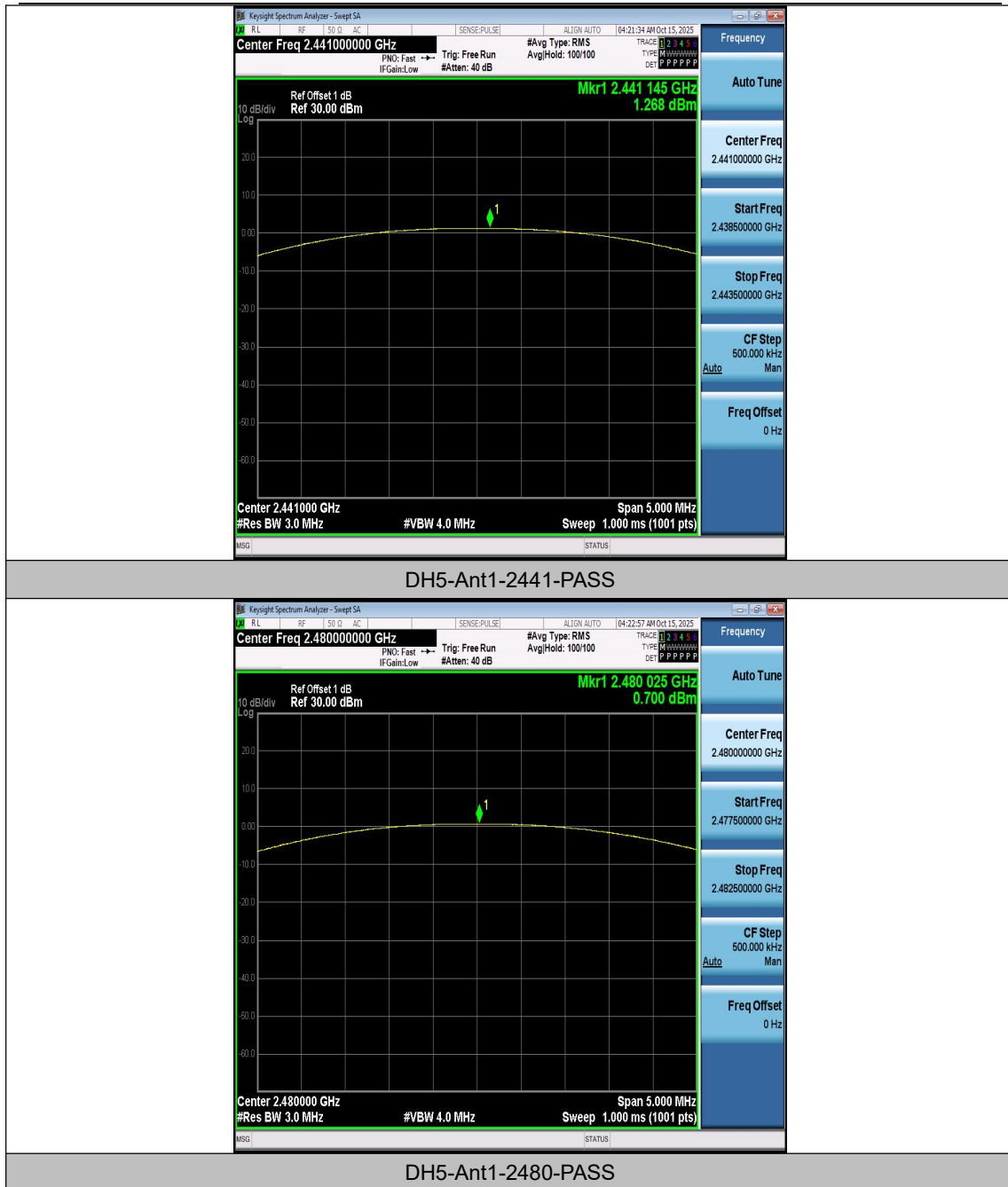
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.66	≤20.97	PASS
DH5	Ant1	2441	1.27	≤20.97	PASS
DH5	Ant1	2480	0.70	≤20.97	PASS
2DH5	Ant1	2402	1.56	≤20.97	PASS
2DH5	Ant1	2441	1.27	≤20.97	PASS
2DH5	Ant1	2480	0.64	≤20.97	PASS
3DH5	Ant1	2402	1.55	≤20.97	PASS
3DH5	Ant1	2441	1.19	≤20.97	PASS
3DH5	Ant1	2480	0.64	≤20.97	PASS

Test Graphs

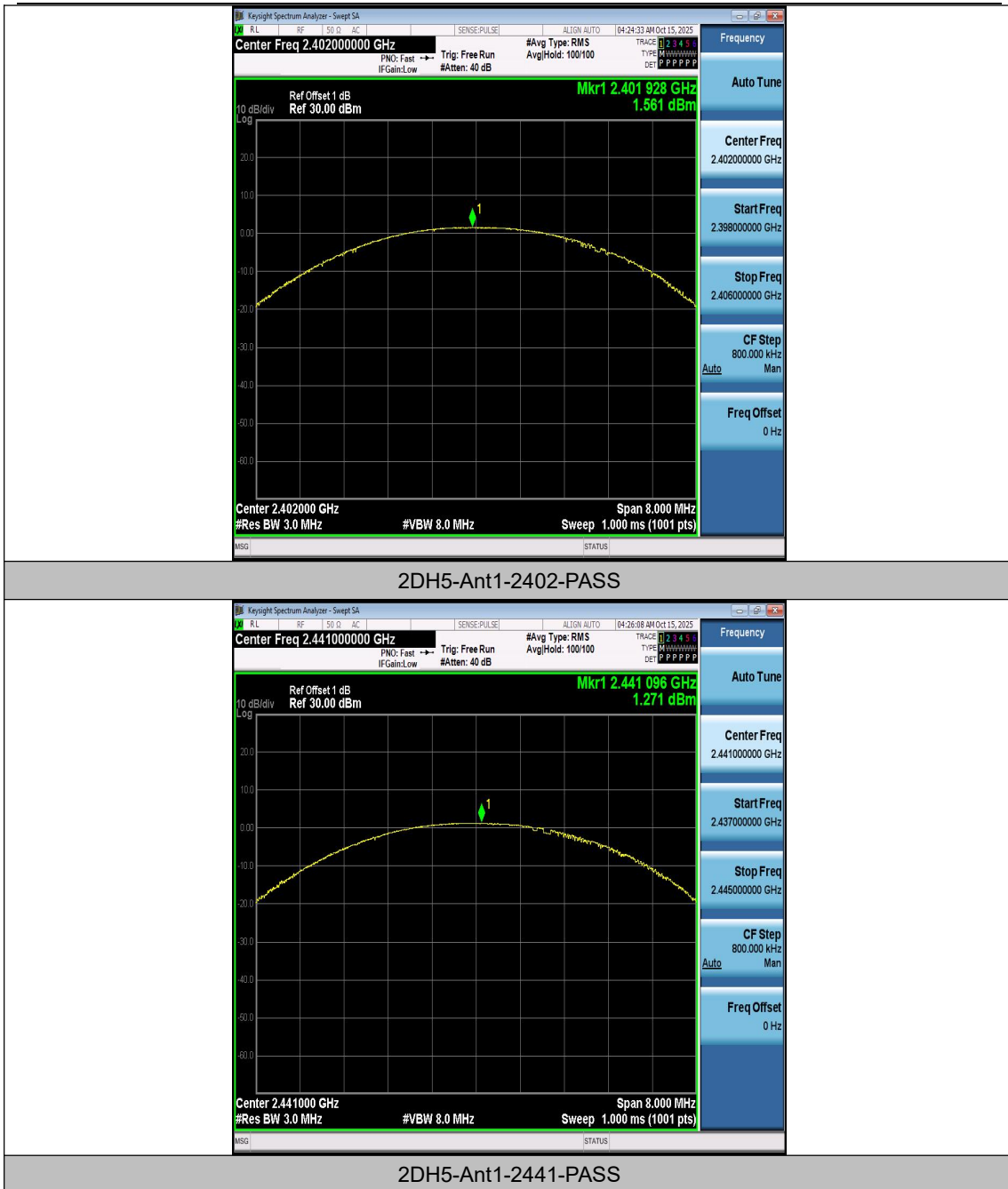




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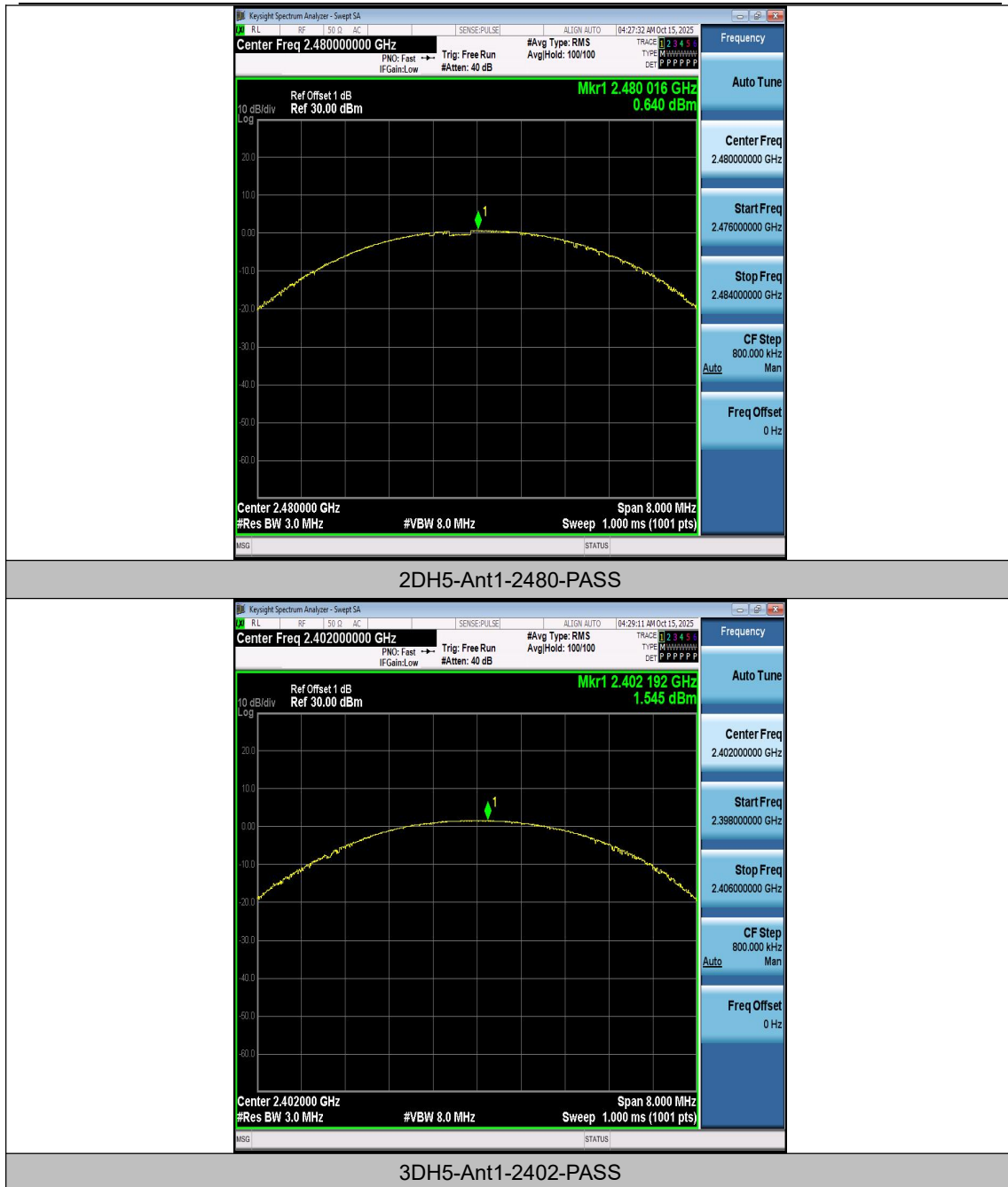
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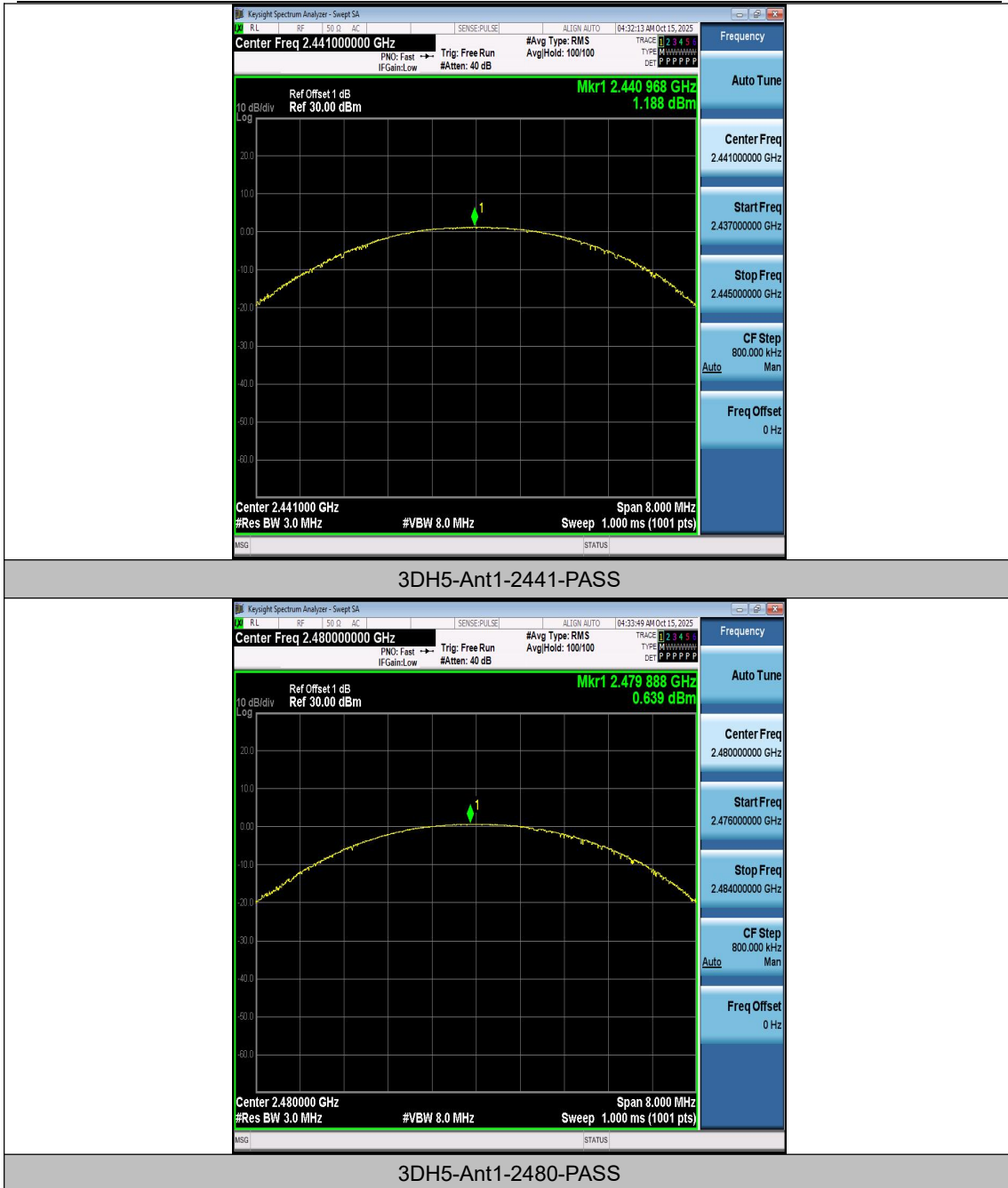
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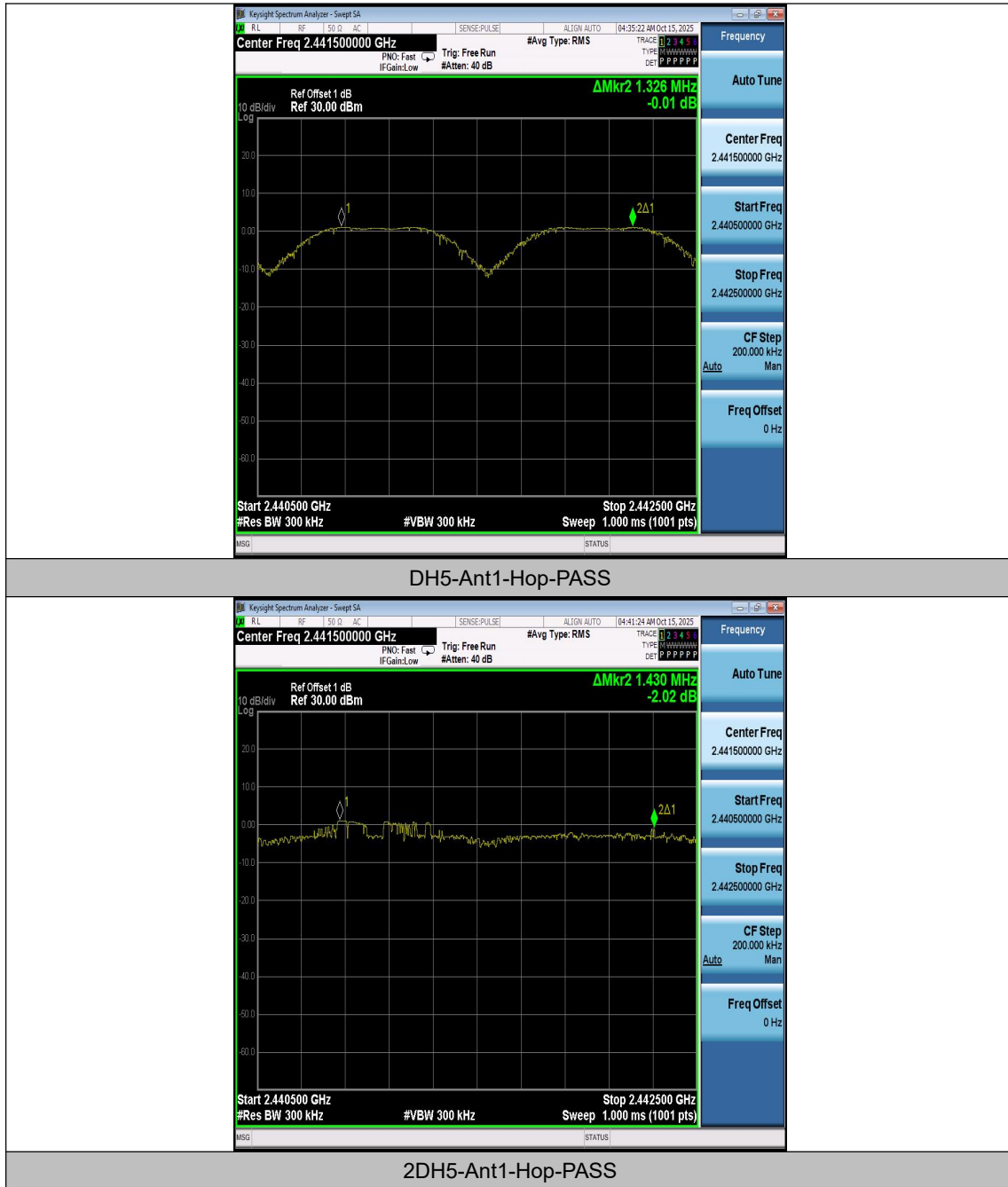
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.326	≥0.69	PASS
2DH5	Ant1	Hop	1.43	≥0.90	PASS
3DH5	Ant1	Hop	0.97	≥0.860	PASS

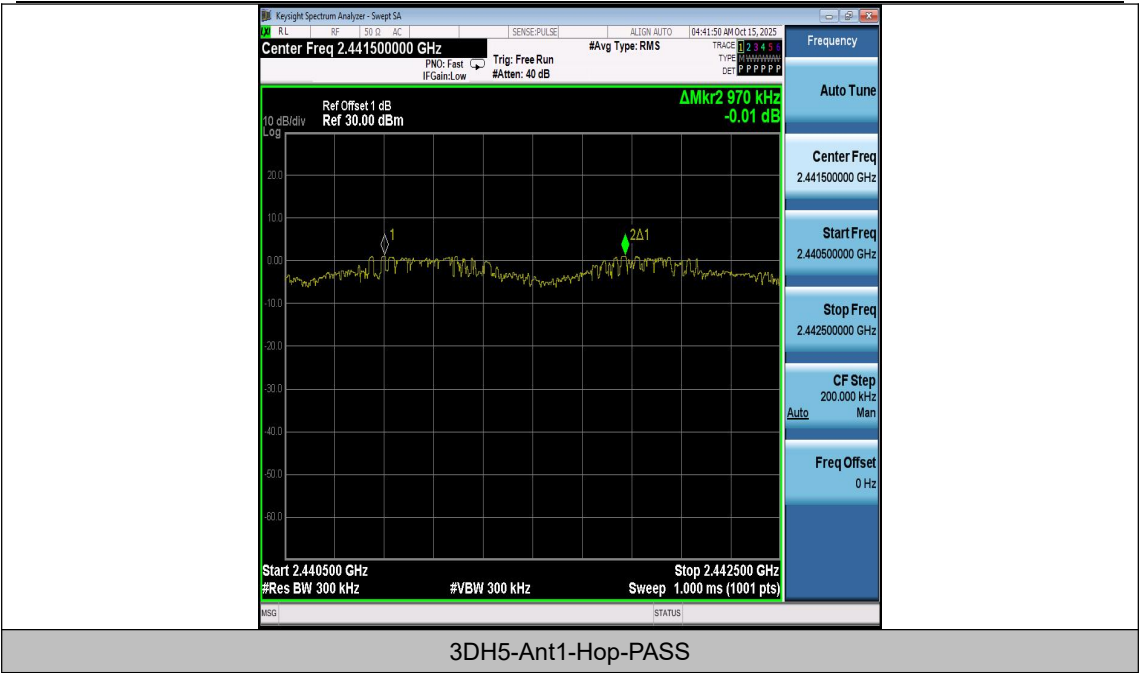
Test Graphs



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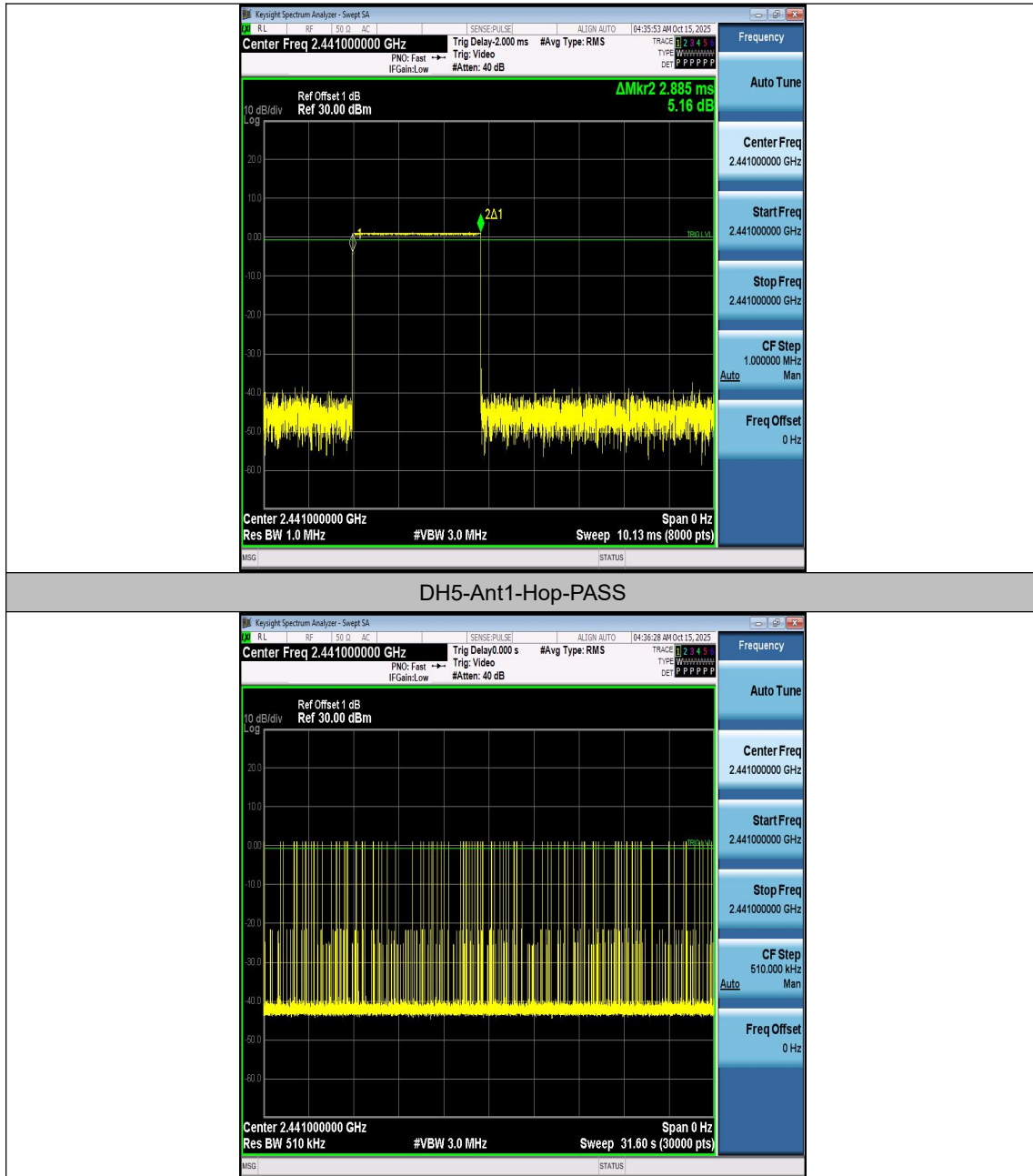
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	108	0.312	≤0.4	PASS
2DH5	Ant1	Hop	2.891	117	0.338	≤0.4	PASS
3DH5	Ant1	Hop	2.892	113	0.327	≤0.4	PASS

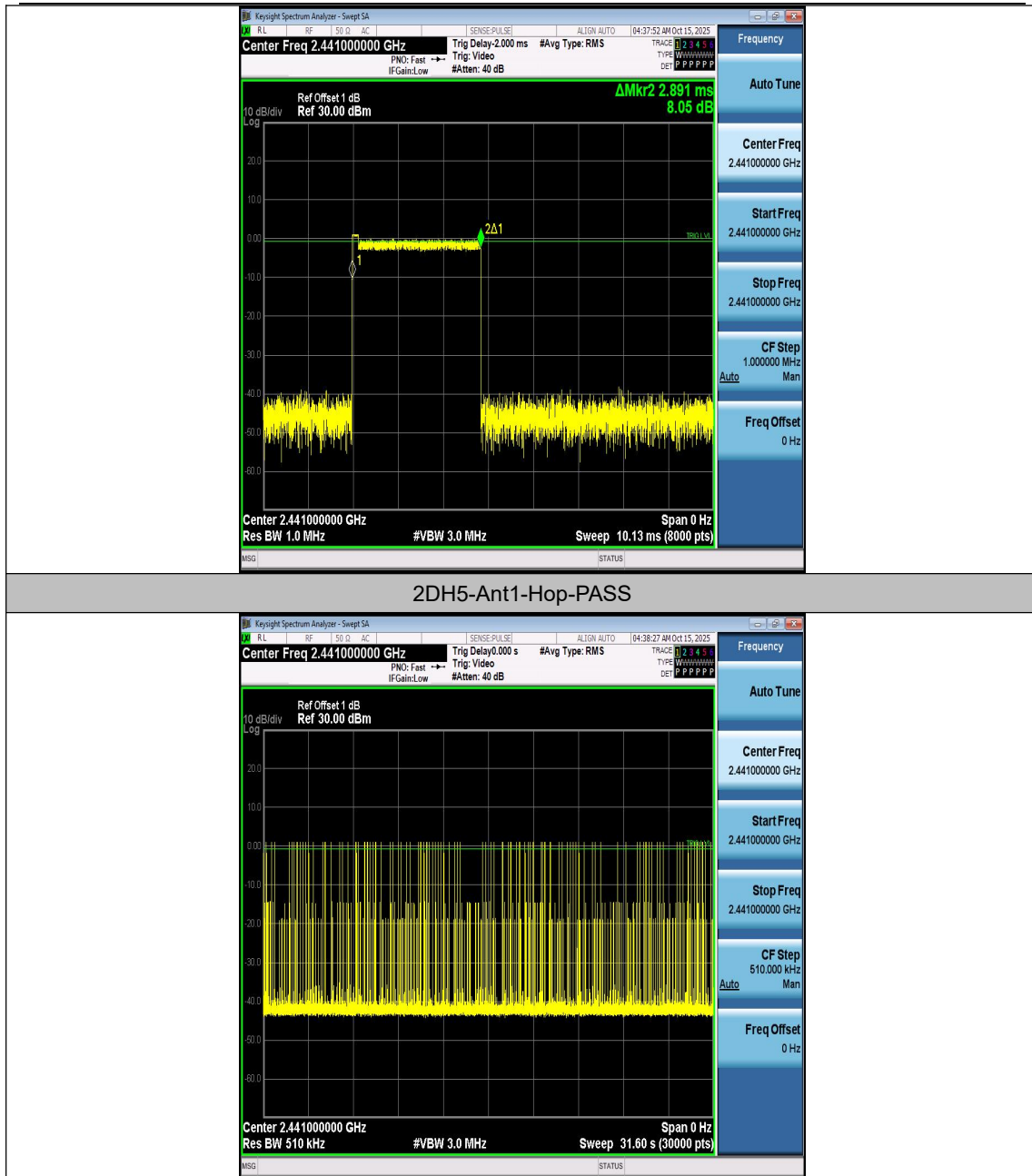
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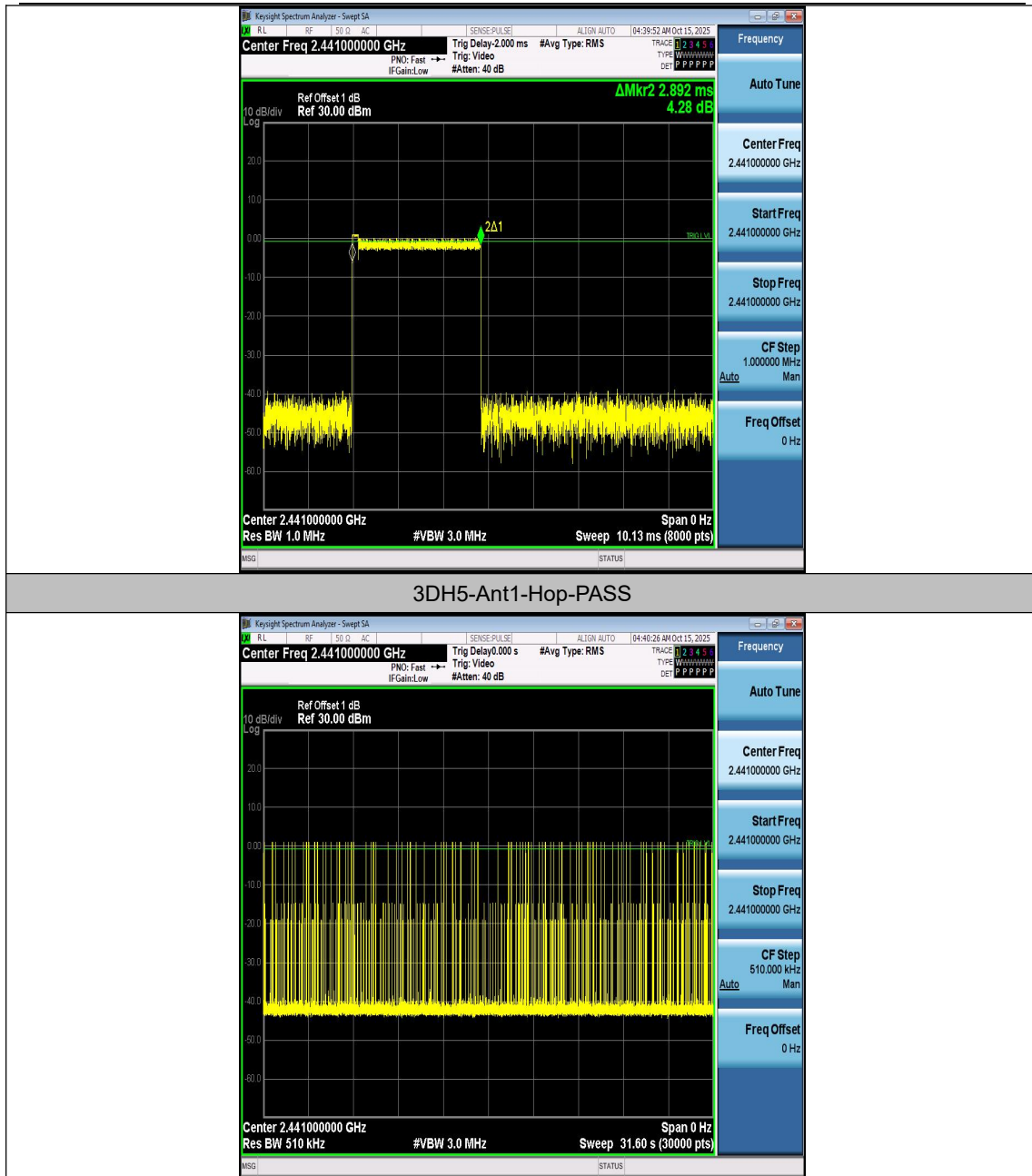
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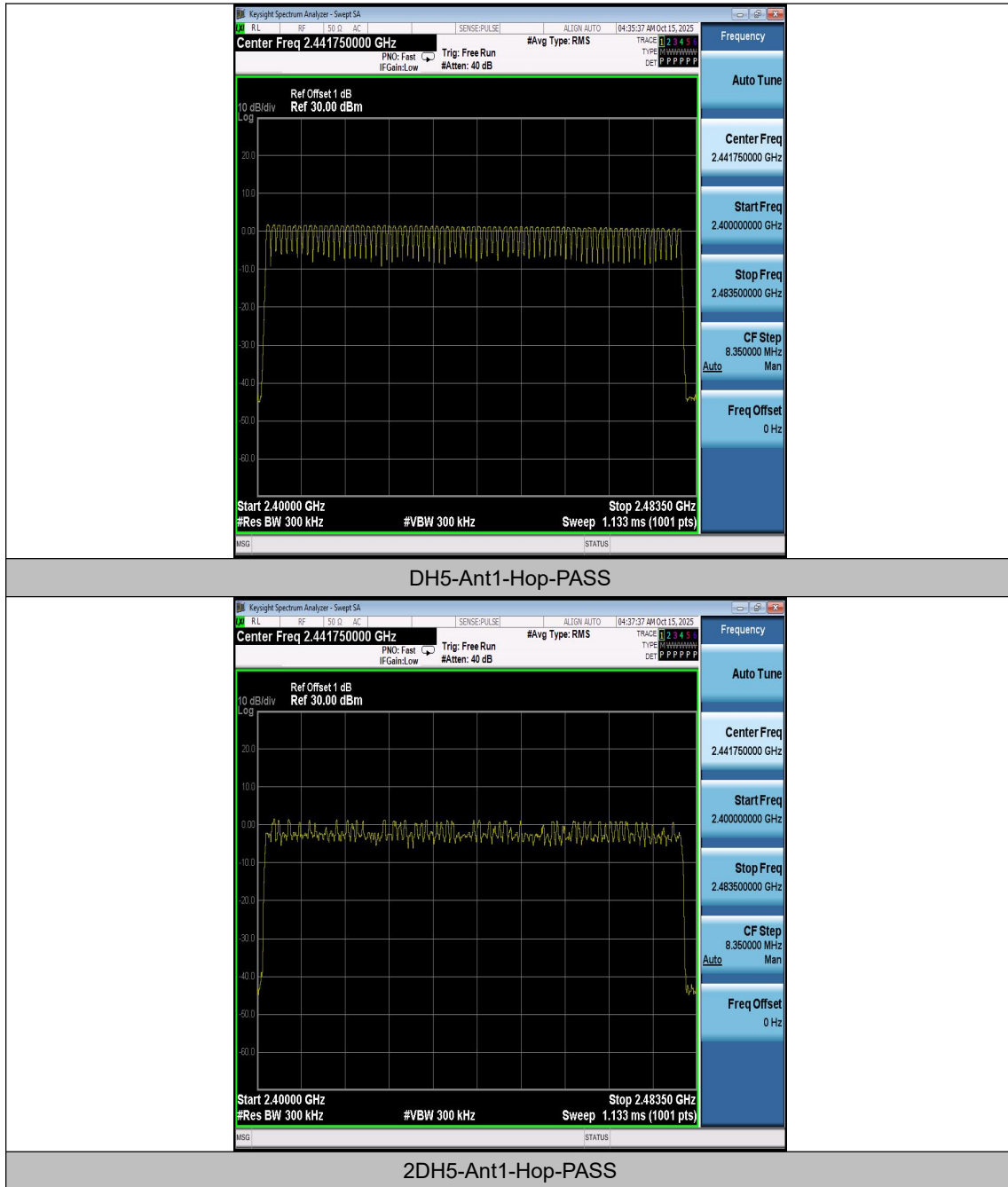
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Appendix F: Number of Hopping Channel

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

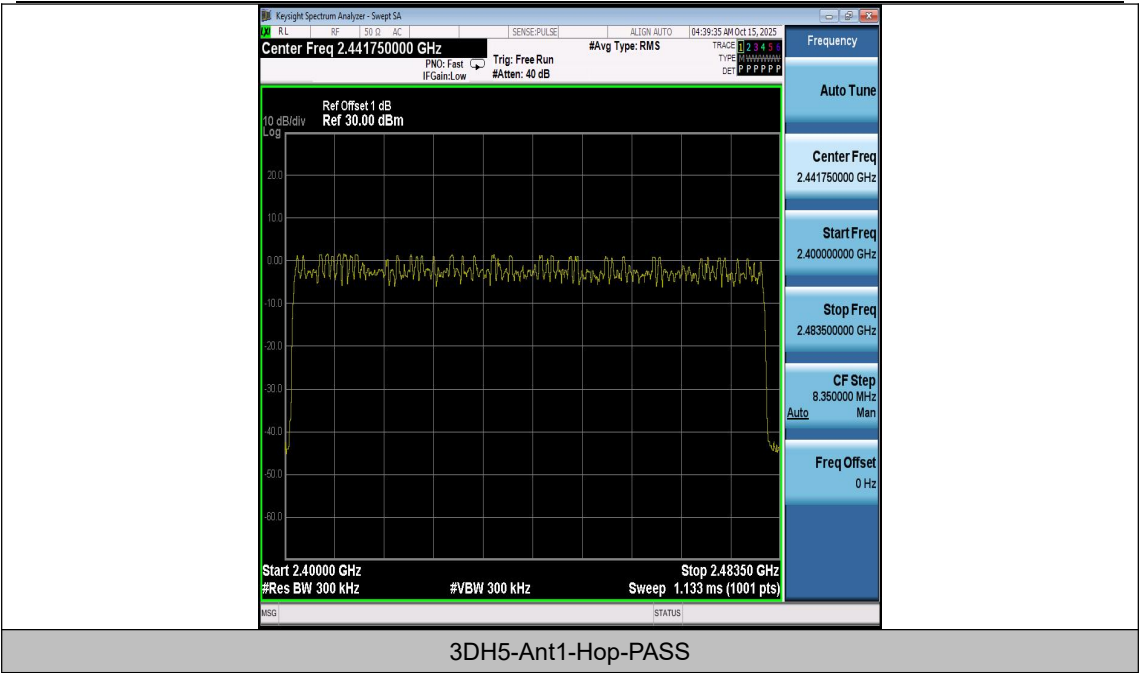
Test Graphs



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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	1.40	-51.72	≤-18.6	PASS
DH5	Ant1	High	2480	0.49	-52.08	≤-19.51	PASS
DH5	Ant1	Low	Hop_2402	0.67	-50.76	≤-19.33	PASS
DH5	Ant1	High	Hop_2480	0.52	-49.82	≤-19.48	PASS
2DH5	Ant1	Low	2402	1.53	-50.8	≤-18.47	PASS
2DH5	Ant1	High	2480	0.50	-52.59	≤-19.51	PASS
2DH5	Ant1	Low	Hop_2402	-4.02	-50.06	≤-24.02	PASS
2DH5	Ant1	High	Hop_2480	-4.06	-52.1	≤-24.06	PASS
3DH5	Ant1	Low	2402	1.37	-50.51	≤-18.63	PASS
3DH5	Ant1	High	2480	0.23	-52.91	≤-19.77	PASS
3DH5	Ant1	Low	Hop_2402	-0.21	-52.12	≤-20.21	PASS
3DH5	Ant1	High	Hop_2480	-0.91	-51.31	≤-20.91	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.

Test Graphs

