

Appendix Test Data

Report No.:	1812C50192012501	Test Sample No.:	1-2-2
Start Test Date:	2025-05-07	Finish Test Date:	2025-05-07
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.7°C	Relative Humidity:	51%
Pressure:	101kPa		

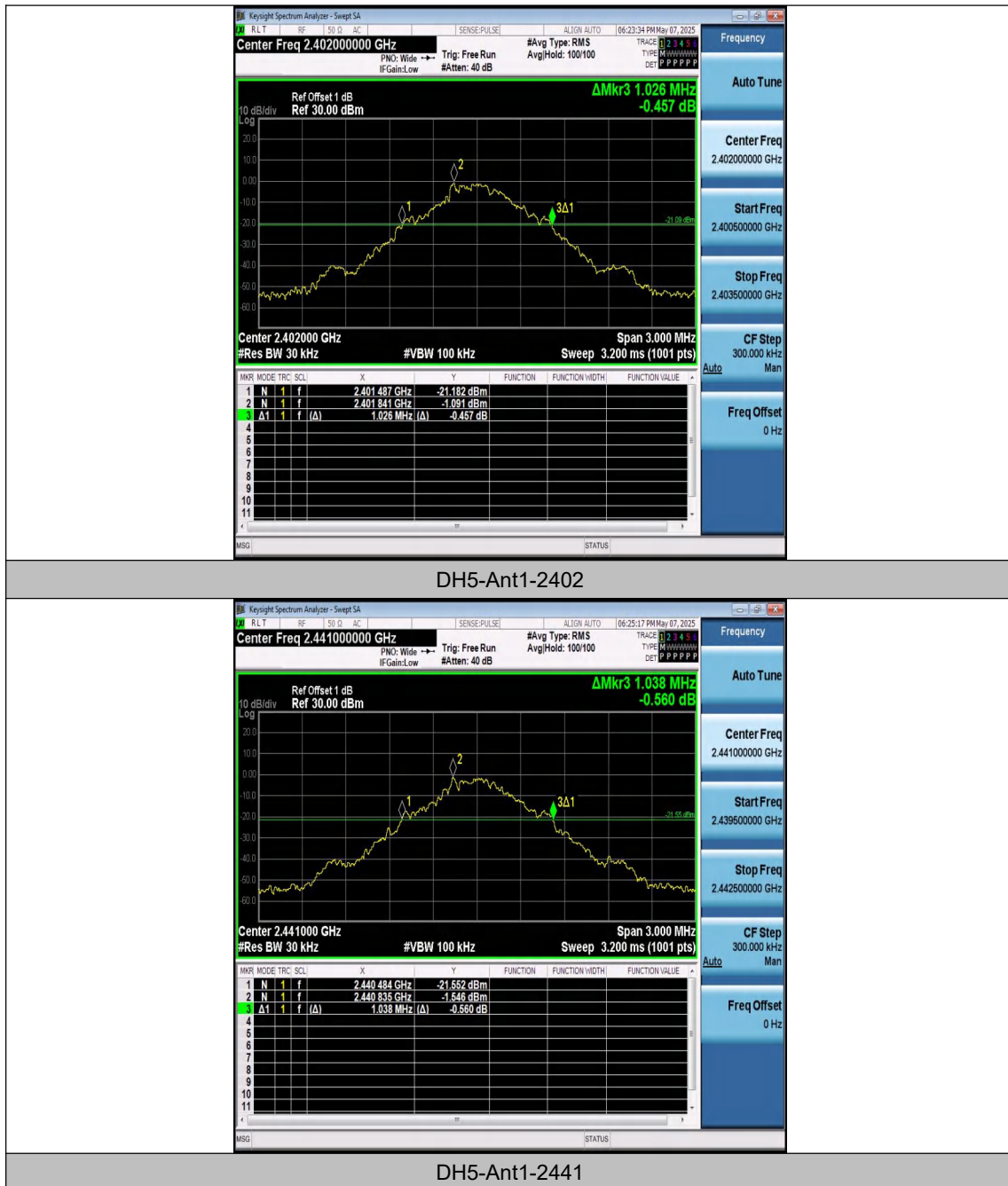
Appendix A: 20dB Bandwidth

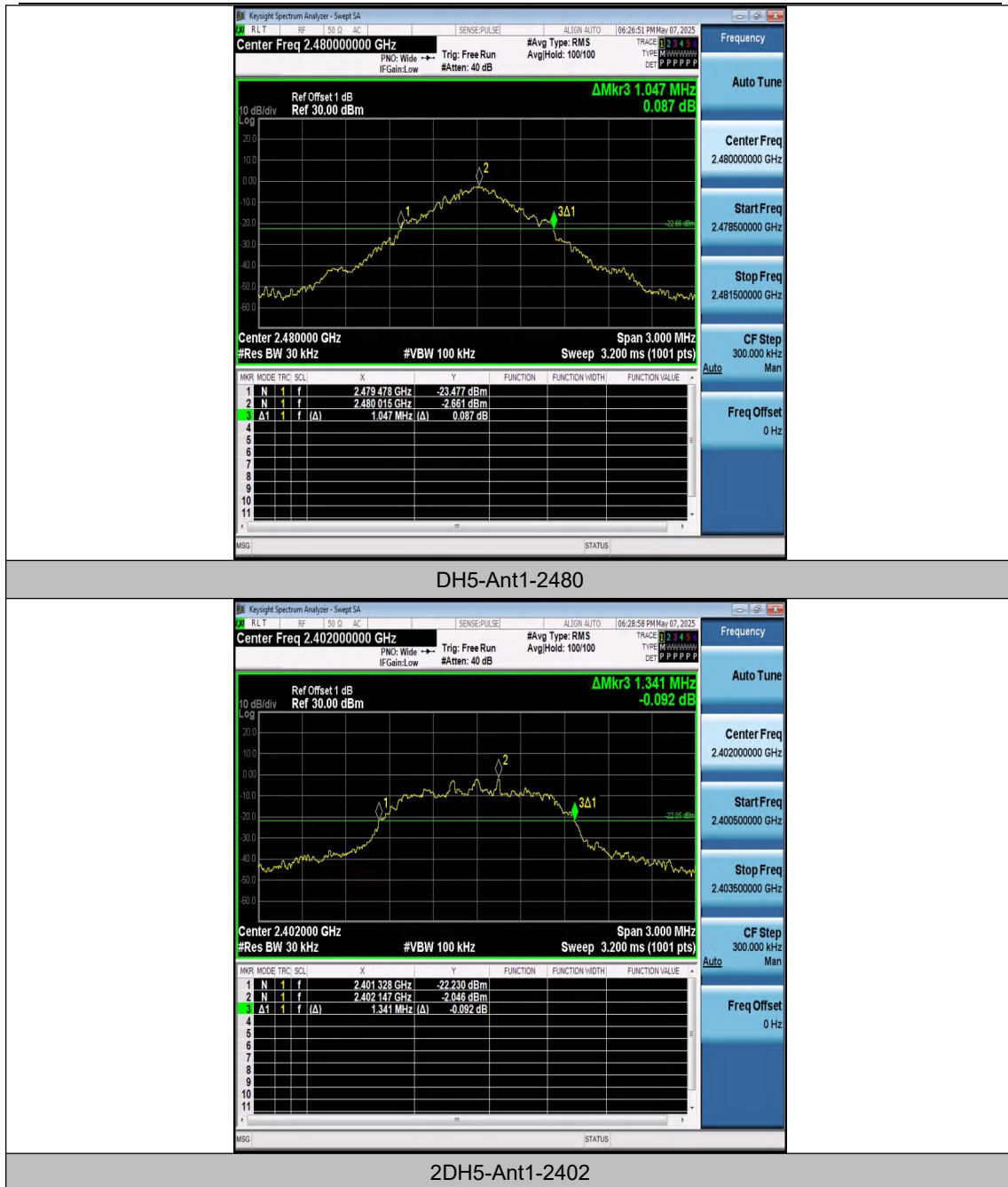
Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.026	2401.487	2402.513	---	---
DH5	Ant1	2441	1.038	2440.484	2441.522	---	---
DH5	Ant1	2480	1.047	2479.478	2480.525	---	---
2DH5	Ant1	2402	1.341	2401.328	2402.669	---	---
2DH5	Ant1	2441	1.326	2440.343	2441.669	---	---
2DH5	Ant1	2480	1.344	2479.331	2480.675	---	---
3DH5	Ant1	2402	1.311	2401.349	2402.660	---	---
3DH5	Ant1	2441	1.302	2440.352	2441.654	---	---
3DH5	Ant1	2480	1.305	2479.349	2480.654	---	---



Test Graphs



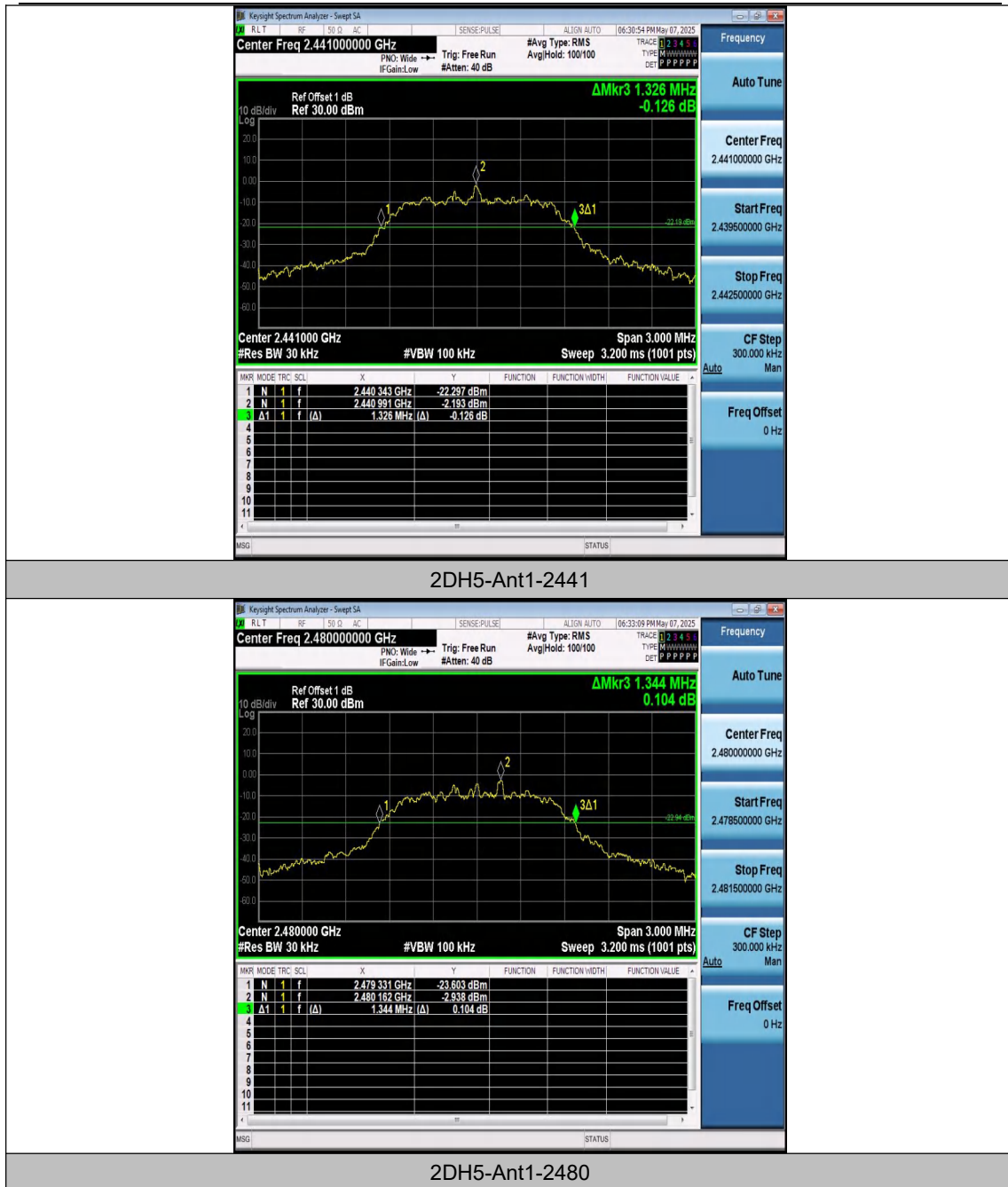


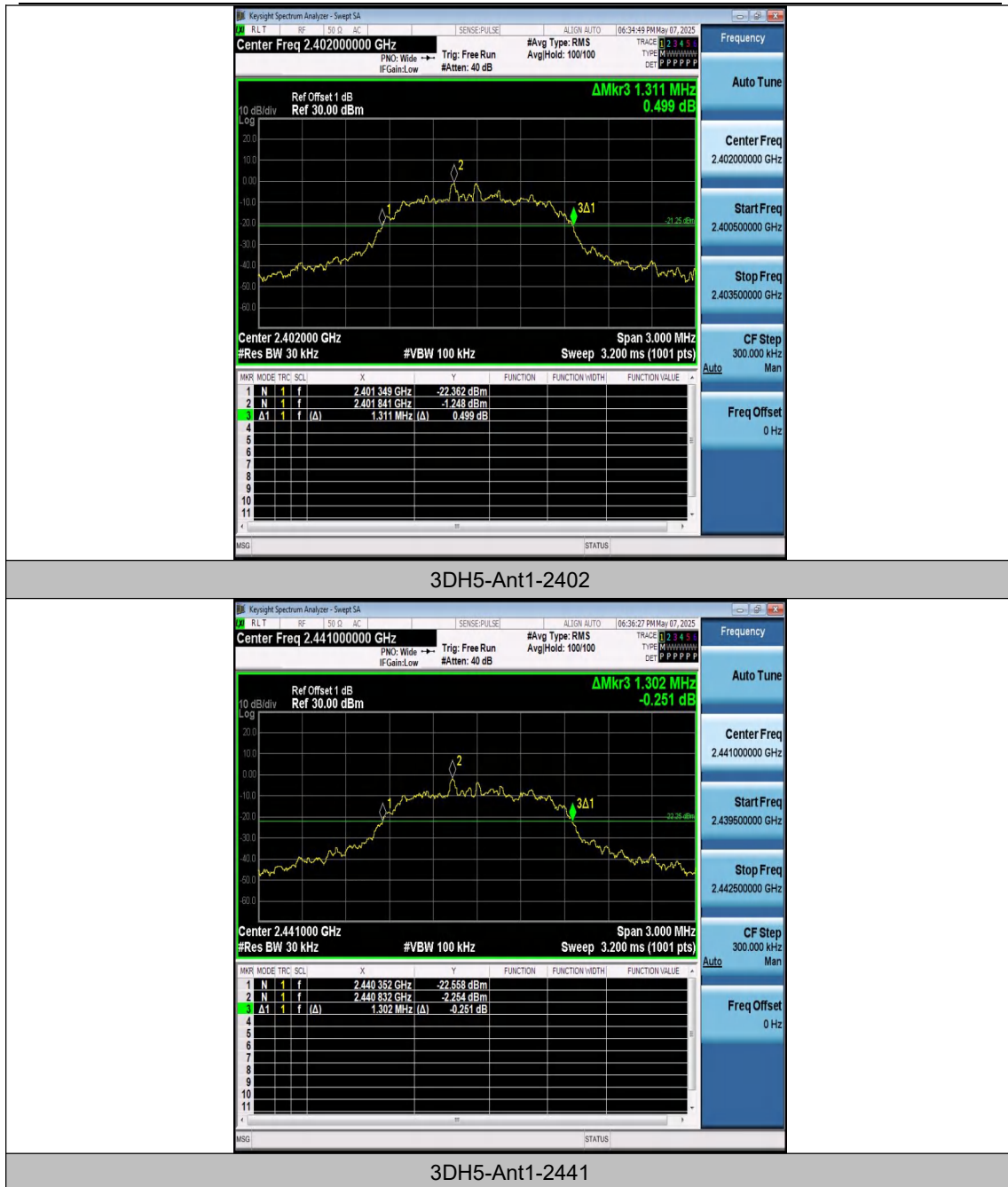
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92151	2401.5386	2402.4602	---	---
DH5	Ant1	2441	0.95879	2440.5195	2441.4782	---	---
DH5	Ant1	2480	0.95444	2479.5183	2480.4727	---	---
2DH5	Ant1	2402	1.2273	2401.3956	2402.6229	---	---
2DH5	Ant1	2441	1.2411	2440.3916	2441.6327	---	---
2DH5	Ant1	2480	1.2401	2479.3878	2480.6279	---	---
3DH5	Ant1	2402	1.2273	2401.3830	2402.6103	---	---
3DH5	Ant1	2441	1.2266	2440.3827	2441.6093	---	---
3DH5	Ant1	2480	1.2206	2479.3899	2480.6105	---	---



Test Graphs



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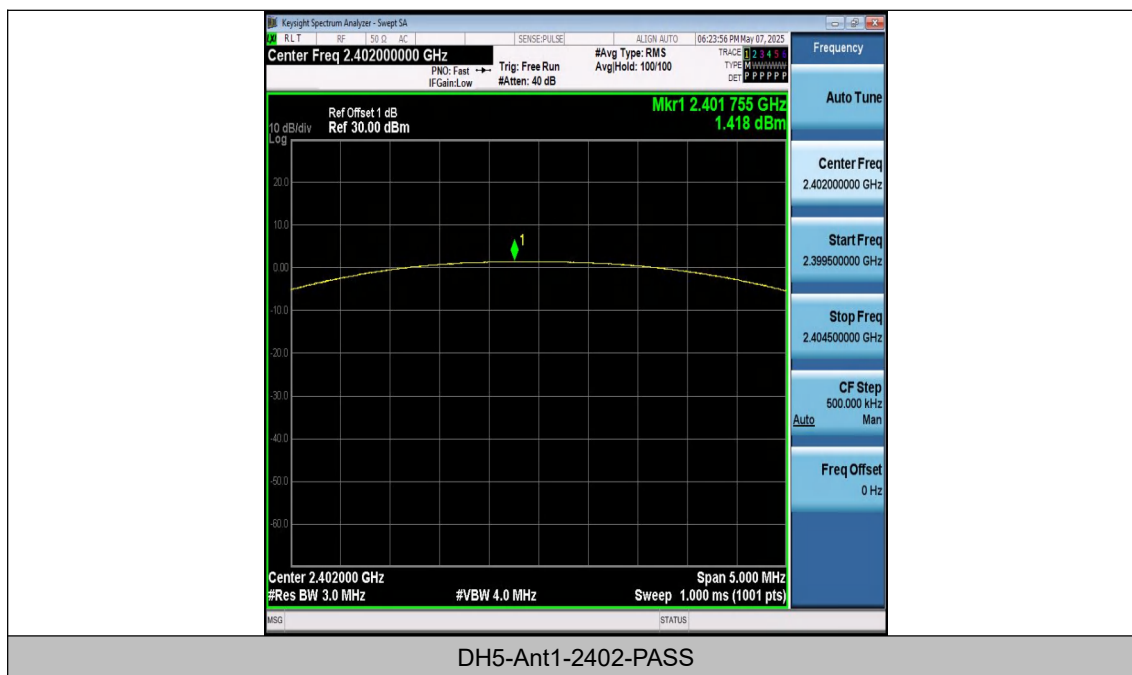
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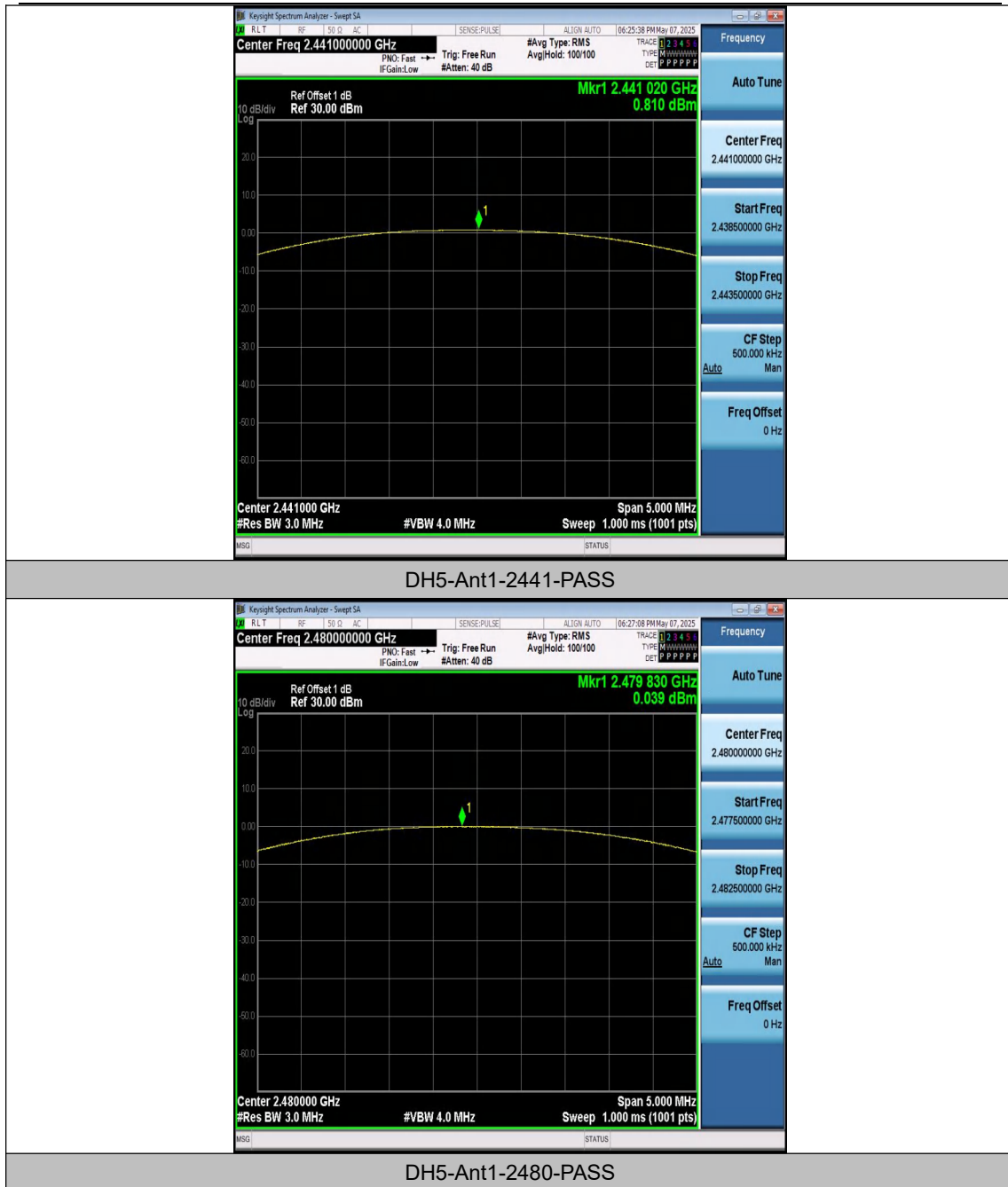
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.42	≤20.97	PASS
DH5	Ant1	2441	0.81	≤20.97	PASS
DH5	Ant1	2480	0.04	≤20.97	PASS
2DH5	Ant1	2402	2.10	≤20.97	PASS
2DH5	Ant1	2441	1.55	≤20.97	PASS
2DH5	Ant1	2480	0.78	≤20.97	PASS
3DH5	Ant1	2402	2.46	≤20.97	PASS
3DH5	Ant1	2441	1.90	≤20.97	PASS
3DH5	Ant1	2480	1.19	≤20.97	PASS

Test Graphs



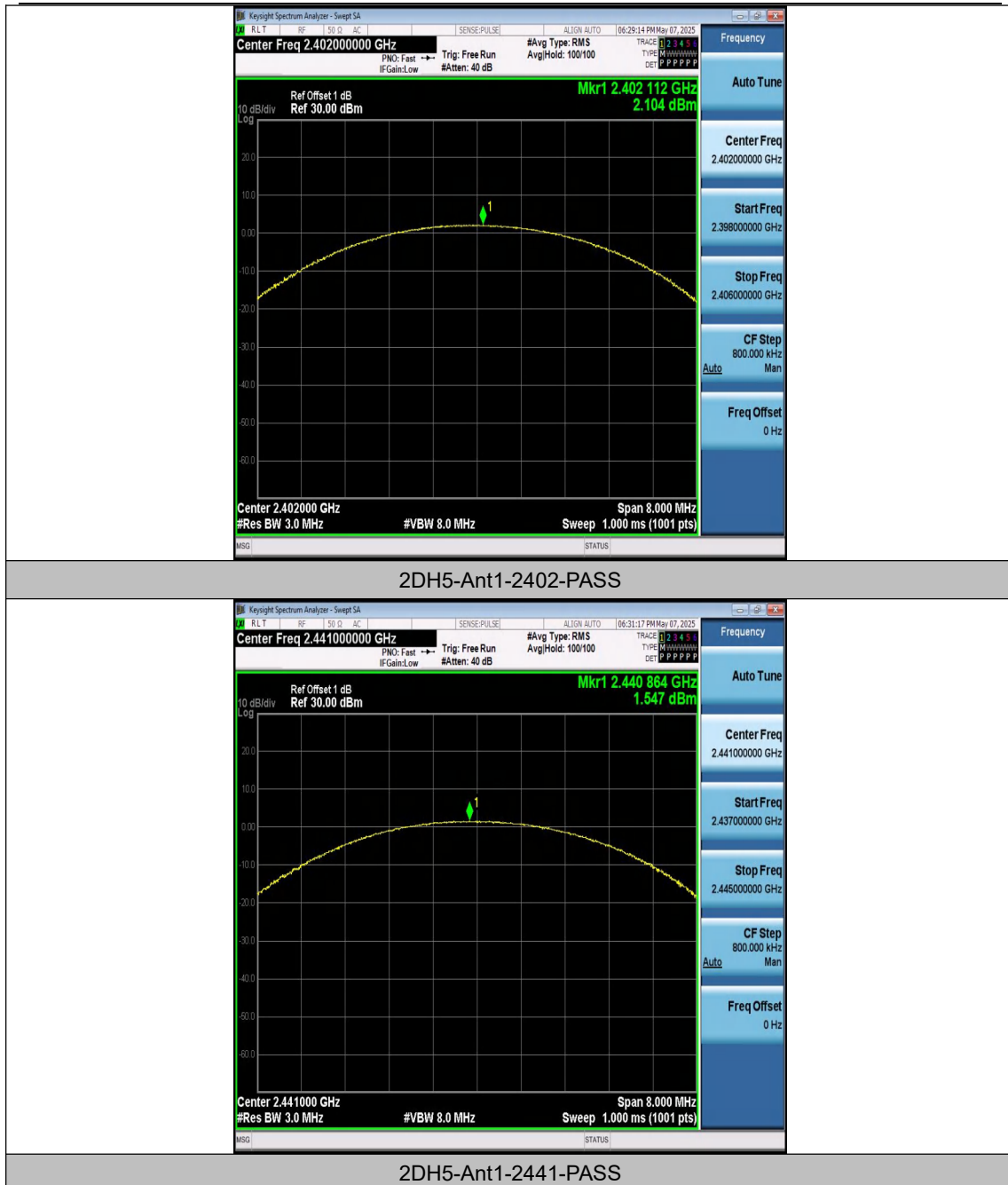


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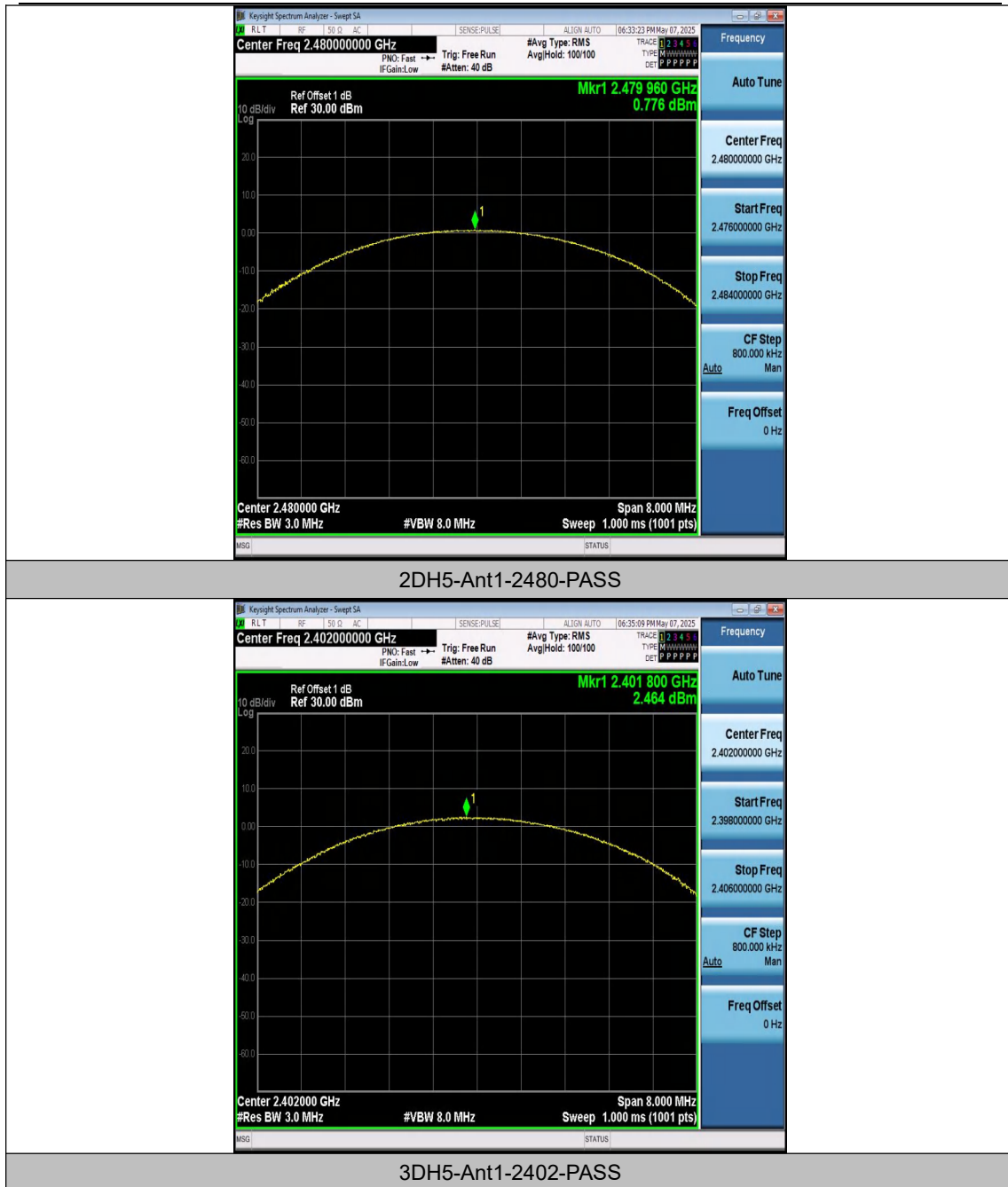
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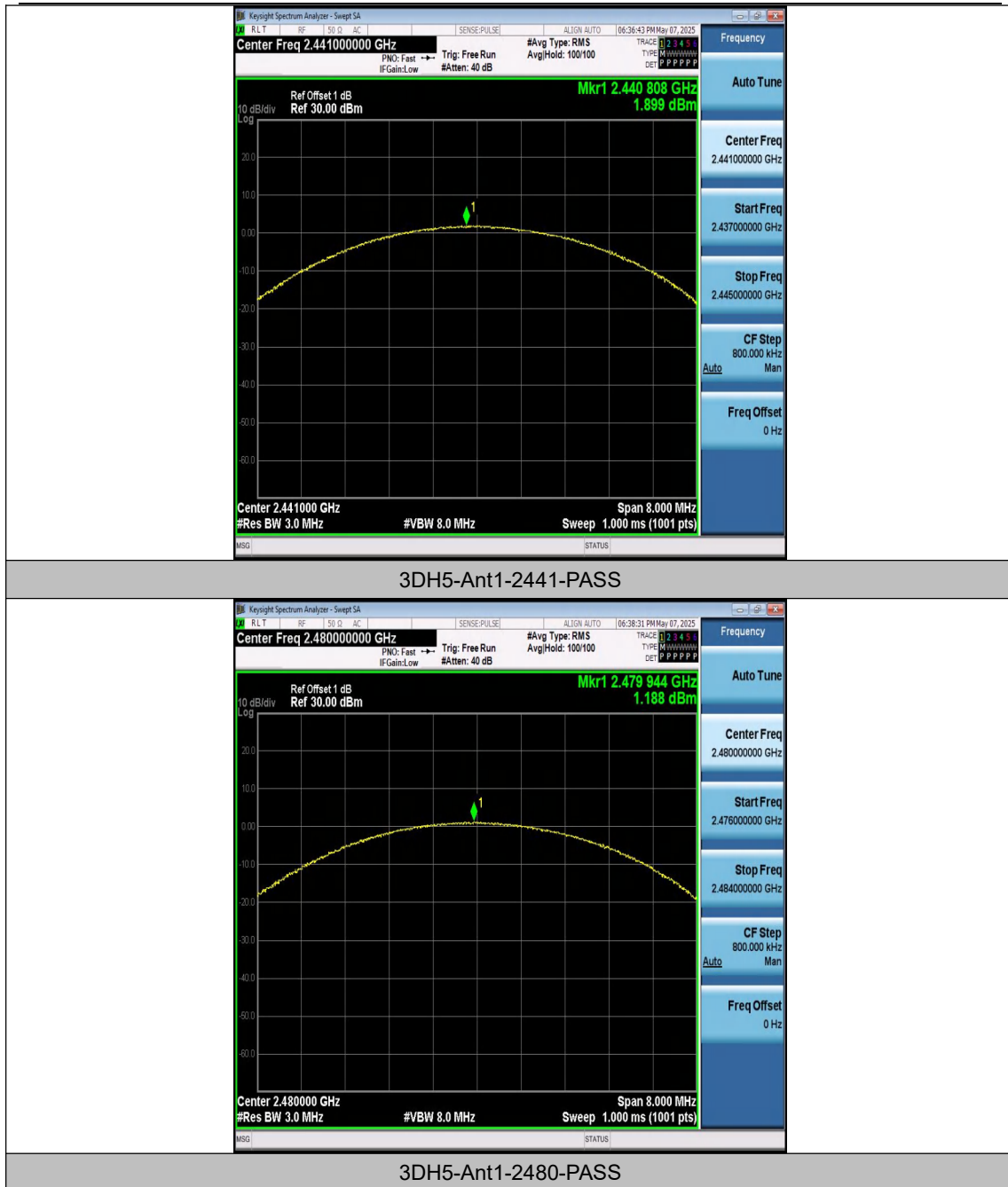


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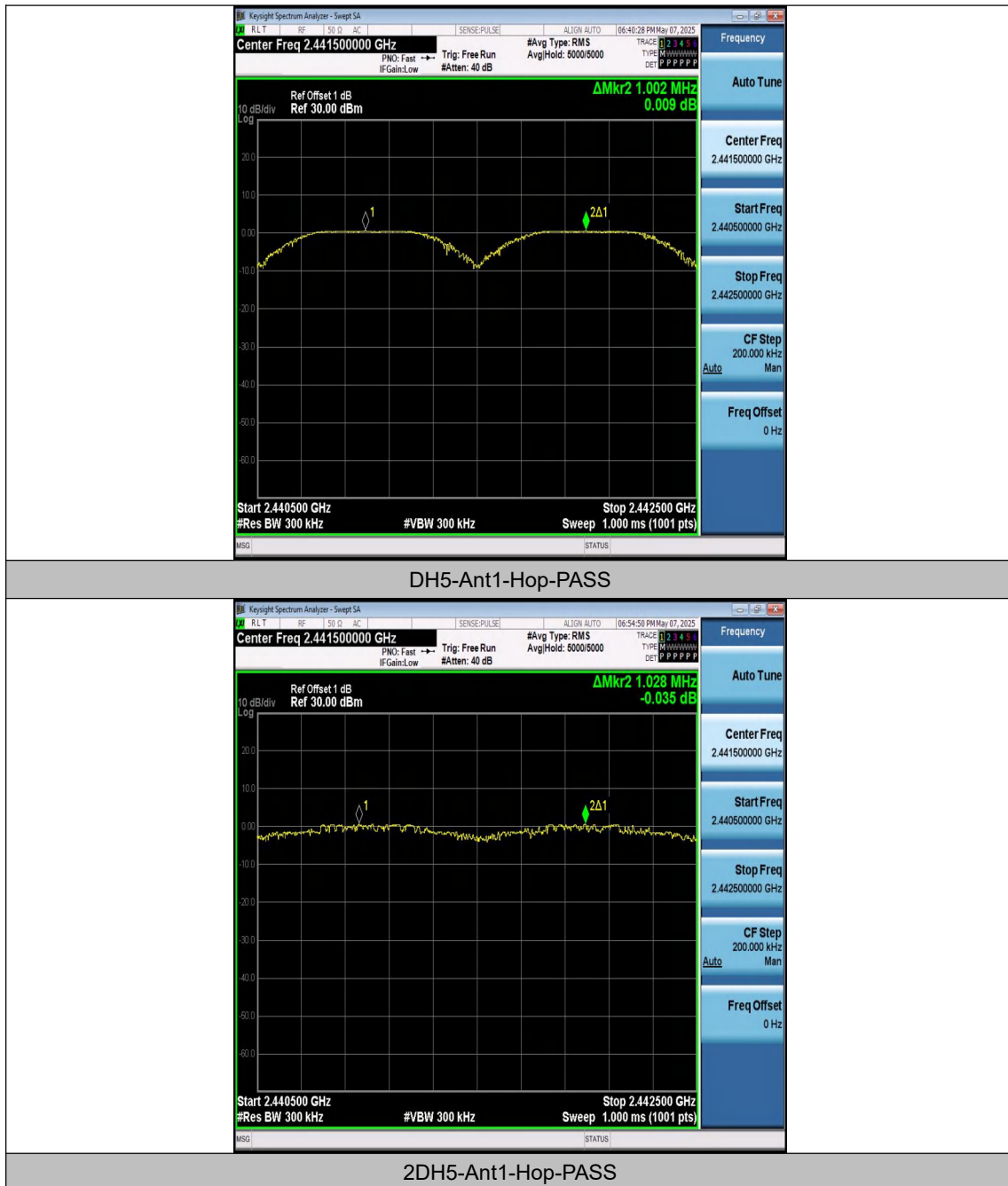
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥ 0.698	PASS
2DH5	Ant1	Hop	1.028	≥ 0.896	PASS
3DH5	Ant1	Hop	0.994	≥ 0.874	PASS



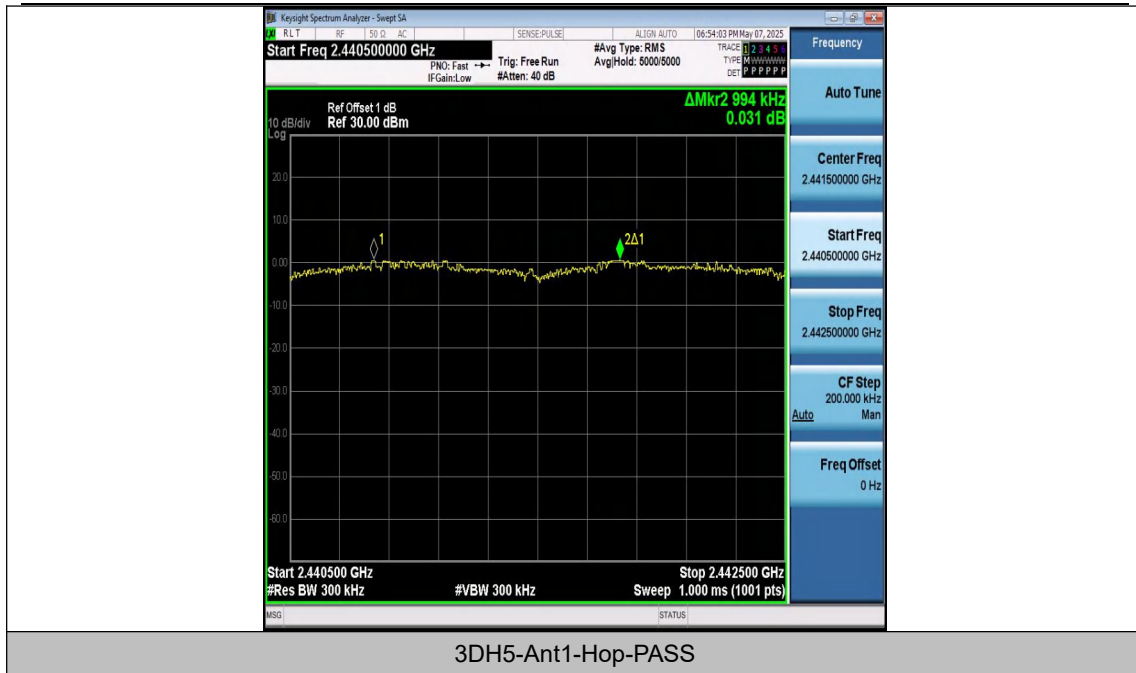
Test Graphs



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400-003-0500
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Appendix E: Dwell Time

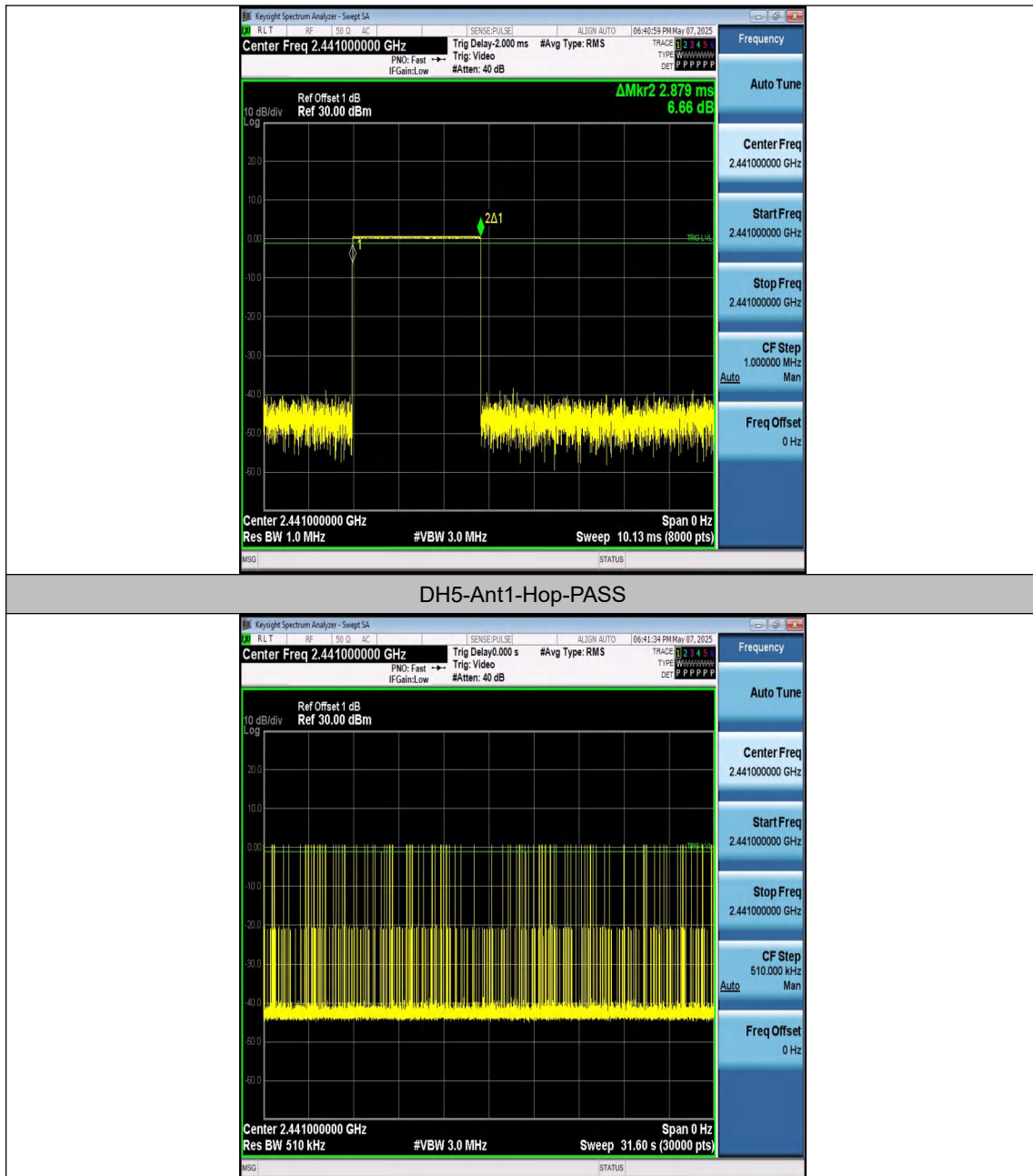
Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.879	109	0.314	≤0.4	PASS
2DH5	Ant1	Hop	2.884	112	0.323	≤0.4	PASS
3DH5	Ant1	Hop	2.887	123	0.355	≤0.4	PASS

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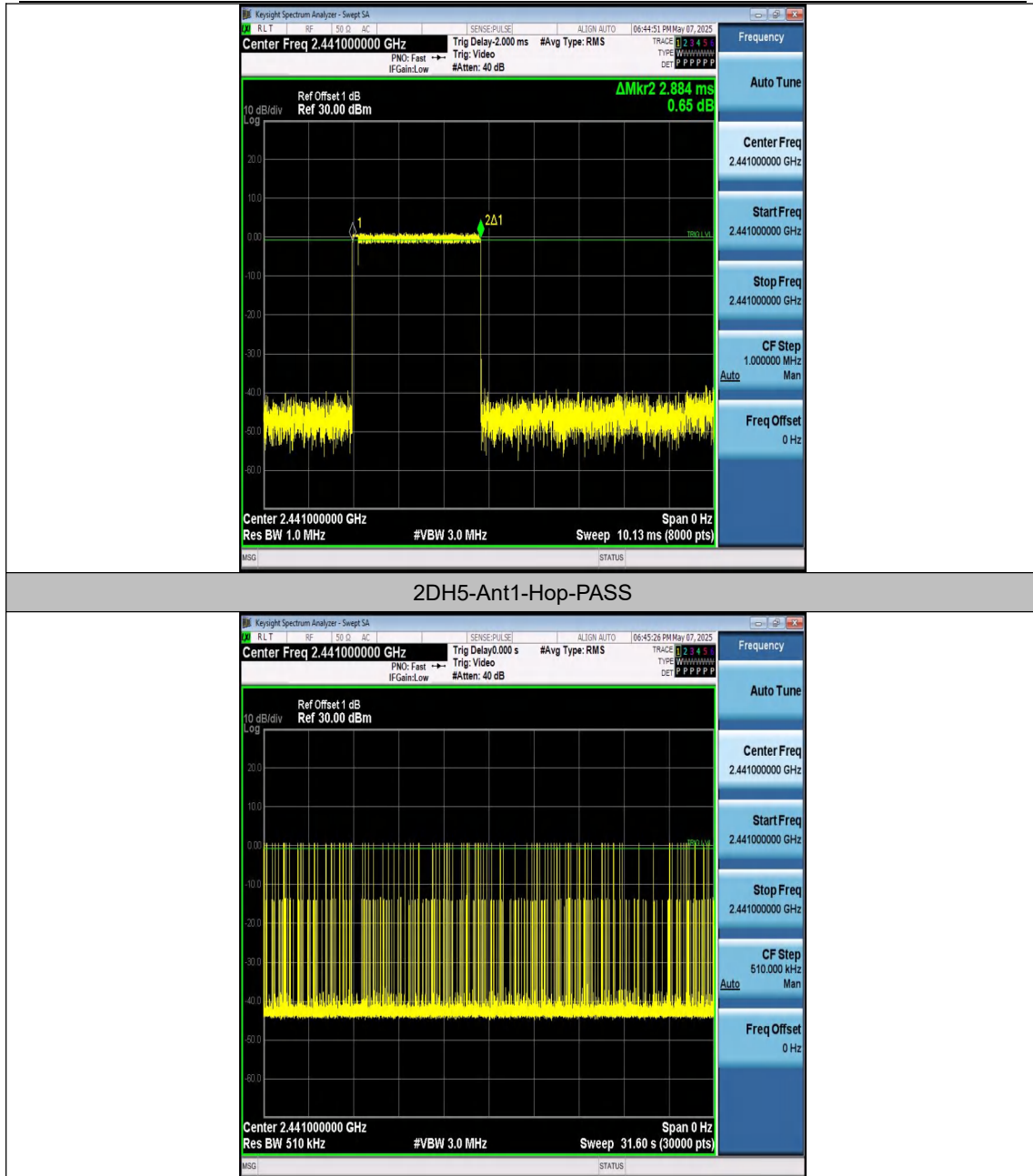
Test Graphs



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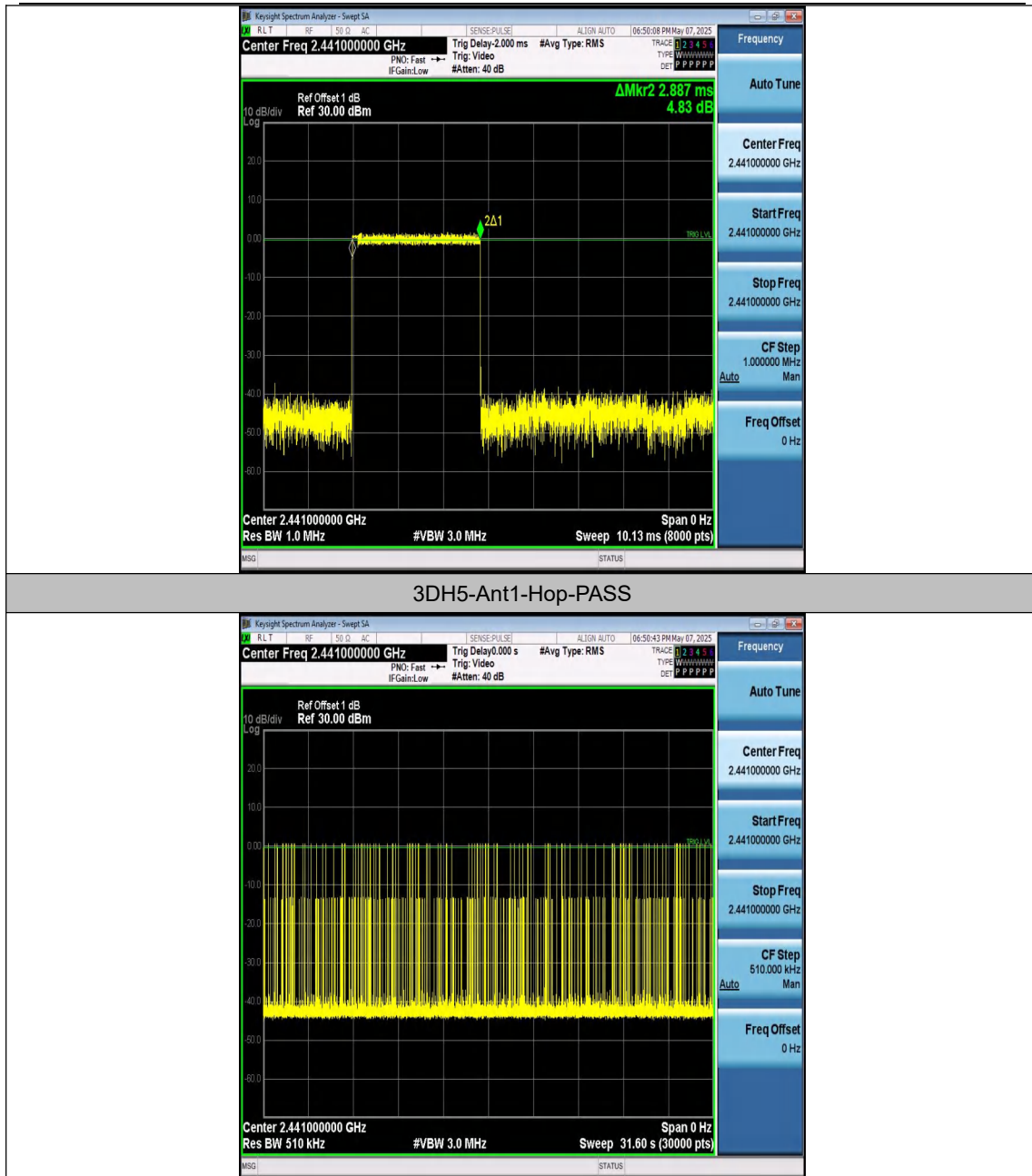
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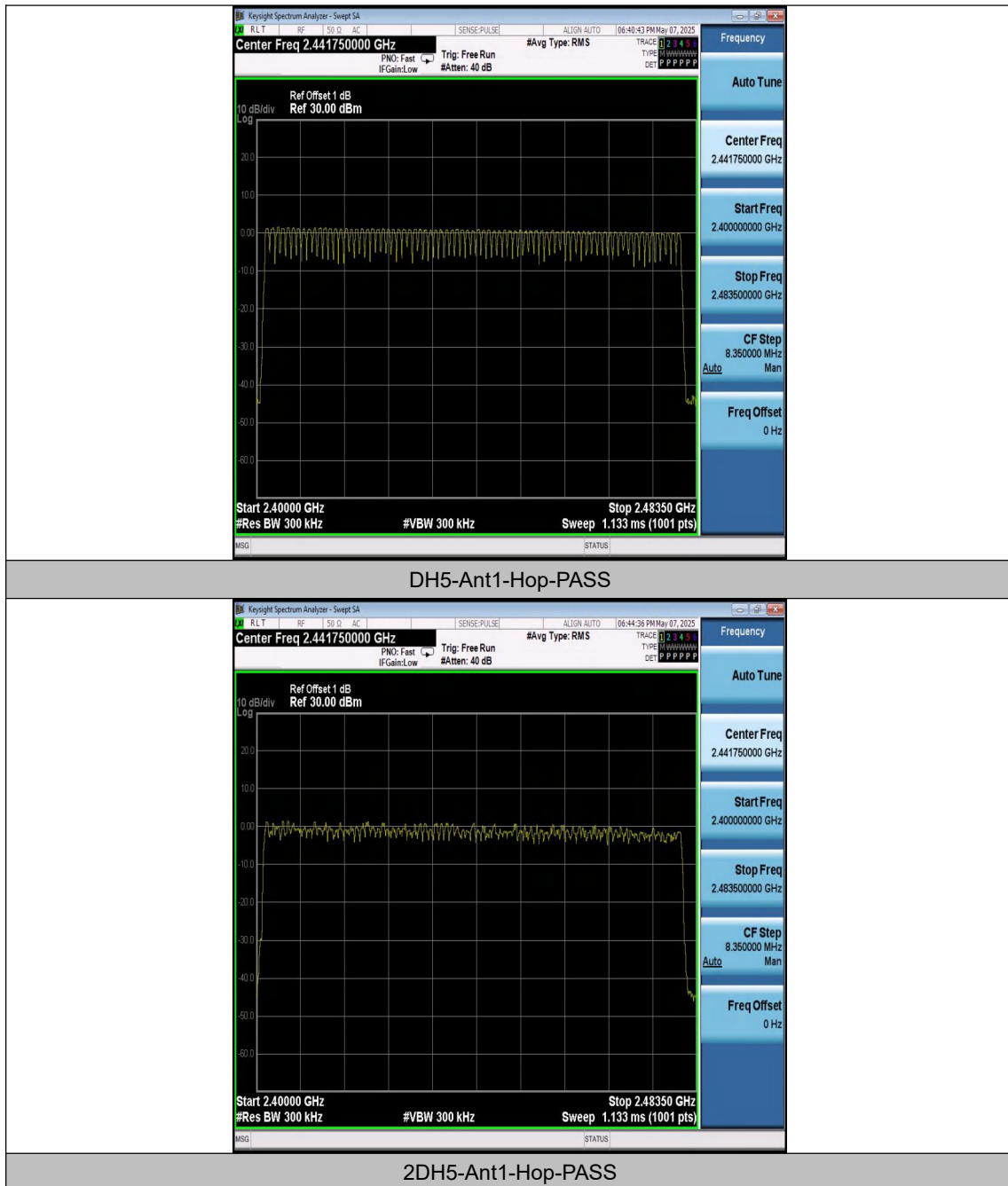
Appendix F: Number of Hopping Channel

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



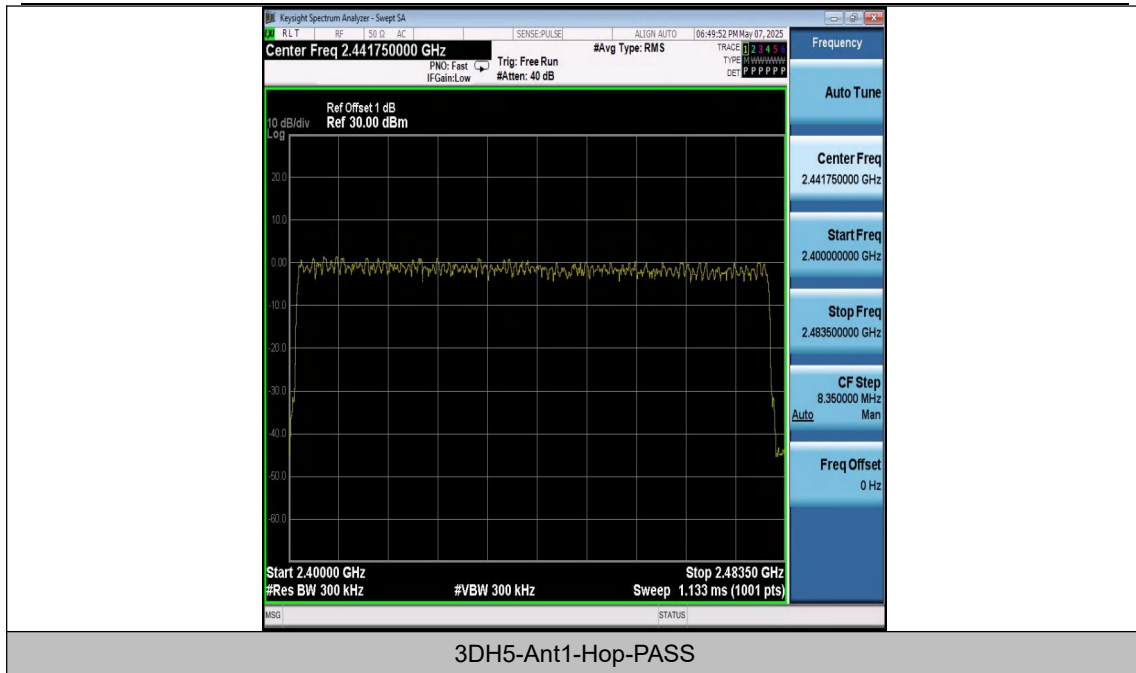
Test Graphs



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Appendix G: Conducted Band edge

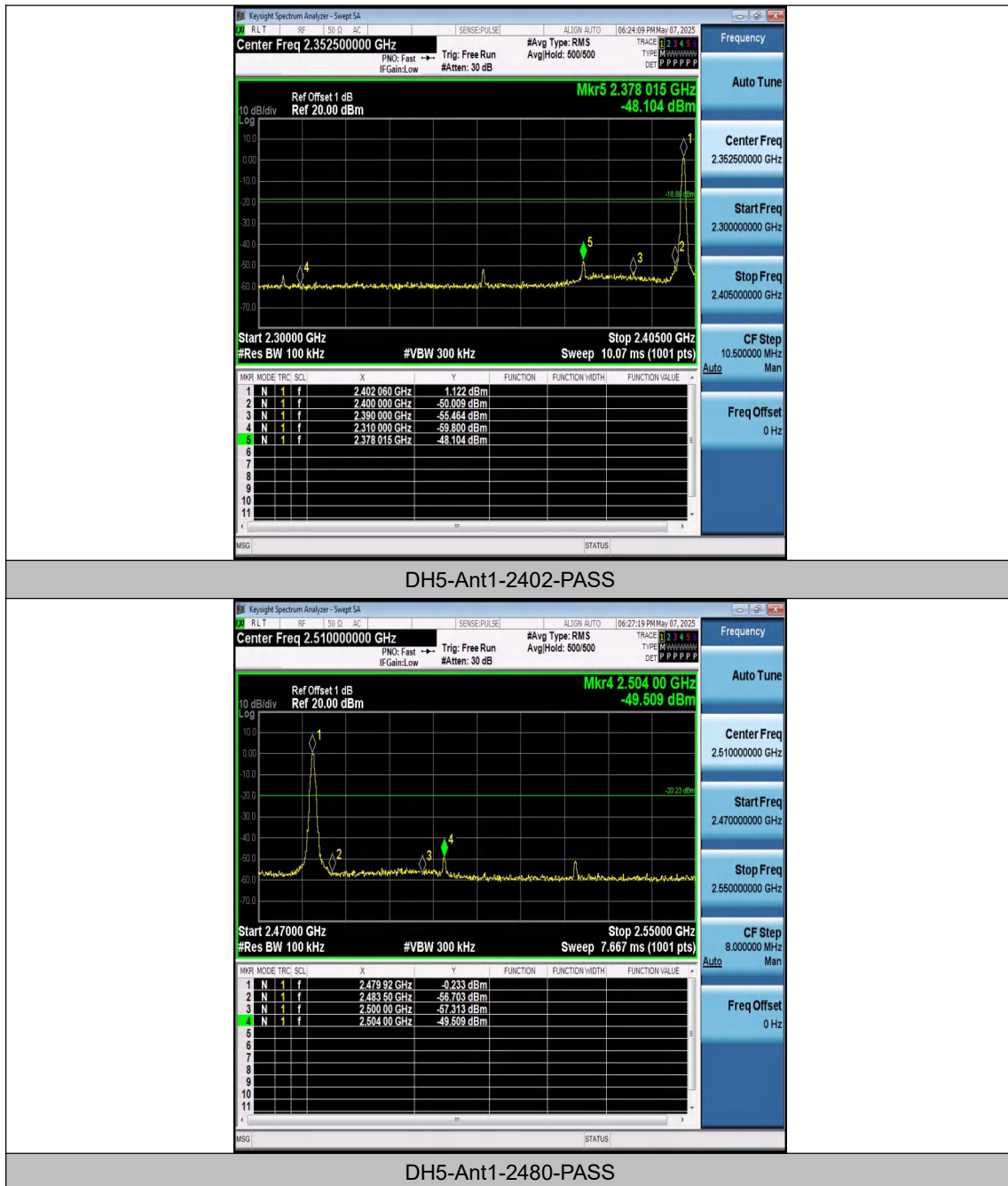
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.12	-48.1	≤-18.88	PASS
DH5	Ant1	High	2480	-0.23	-49.51	≤-20.23	PASS
DH5	Ant1	Low	Hop_2402	0.88	-48.31	≤-19.12	PASS
DH5	Ant1	High	Hop_2480	-0.54	-50.03	≤-20.54	PASS
2DH5	Ant1	Low	2402	1.10	-47.35	≤-18.9	PASS
2DH5	Ant1	High	2480	-0.34	-50.37	≤-20.34	PASS
2DH5	Ant1	Low	Hop_2402	-2.26	-48.45	≤-22.26	PASS
2DH5	Ant1	High	Hop_2480	-0.86	-51.69	≤-20.86	PASS
3DH5	Ant1	Low	2402	1.15	-48.44	≤-18.85	PASS
3DH5	Ant1	High	2480	-0.40	-51.23	≤-20.4	PASS
3DH5	Ant1	Low	Hop_2402	-1.04	-50.09	≤-21.04	PASS
3DH5	Ant1	High	Hop_2480	-0.74	-52.05	≤-20.74	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



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