

Appendix Test Data

Report No.:	1819C50076712501	Test Sample No.:	1-2-2
Start Test Date:	2025-7-14	Finish Test Date:	2025-7-17
Test Engineer:	Huisei Guan	Auditor:	Justin Feng
Temperature:	26.5°C	Relative Humidity:	59%
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	0.939	2401.511	2402.450	---	---
DH5	Ant1	2441	0.945	2440.508	2441.453	---	---
DH5	Ant1	2480	0.954	2479.502	2480.456	---	---
2DH5	Ant1	2402	1.179	2401.376	2402.555	---	---
2DH5	Ant1	2441	1.206	2440.364	2441.570	---	---
2DH5	Ant1	2480	1.206	2479.364	2480.570	---	---
3DH5	Ant1	2402	1.203	2401.376	2402.579	---	---
3DH5	Ant1	2441	1.179	2440.379	2441.558	---	---
3DH5	Ant1	2480	1.179	2479.397	2480.576	---	---

Test Graphs



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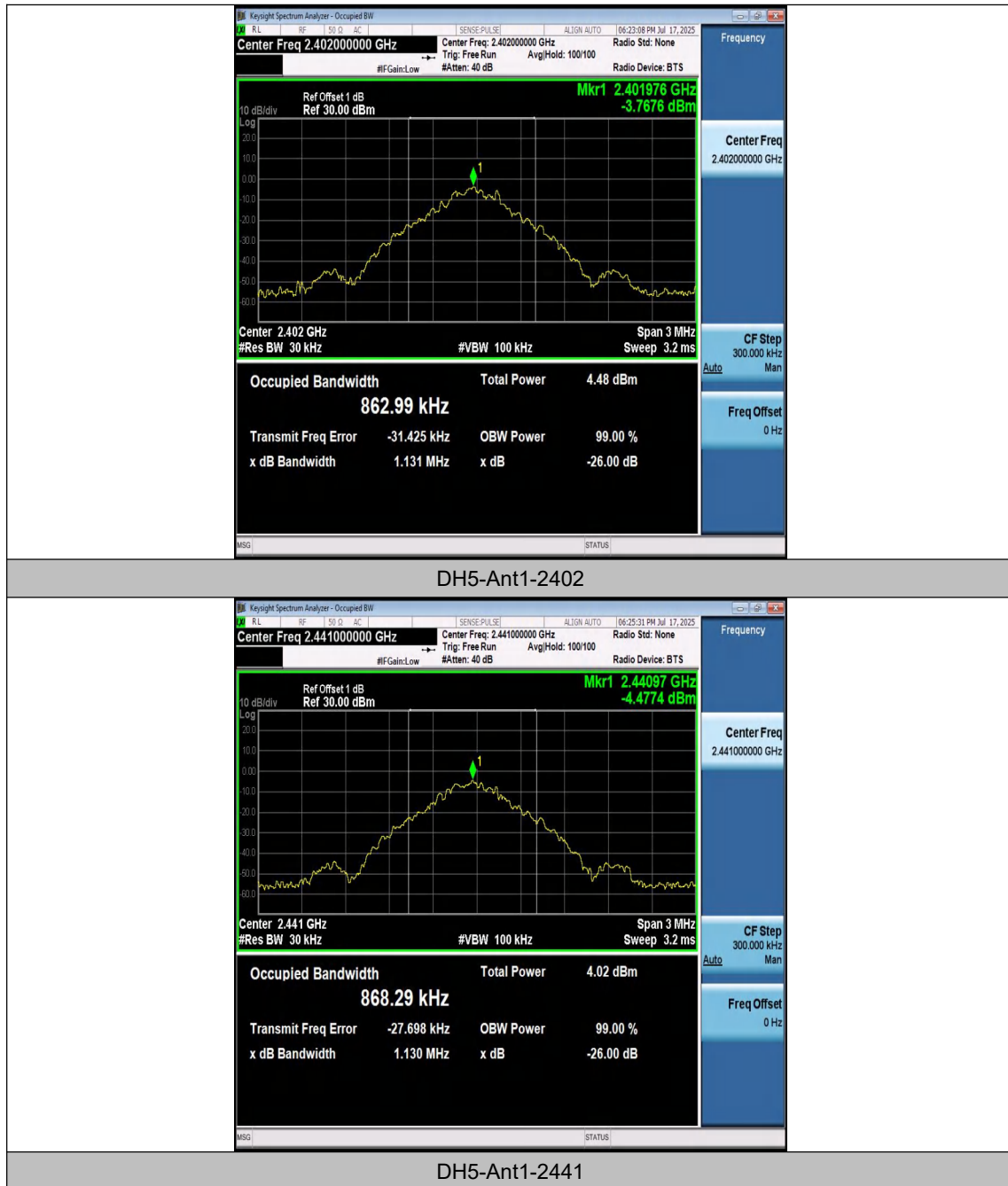
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86299	2401.5371	2402.4001	---	---
DH5	Ant1	2441	0.86829	2440.5382	2441.4064	---	---
DH5	Ant1	2480	0.87108	2479.5329	2480.4039	---	---
2DH5	Ant1	2402	1.1603	2401.3867	2402.5470	---	---
2DH5	Ant1	2441	1.1371	2440.3935	2441.5306	---	---
2DH5	Ant1	2480	1.1531	2479.3865	2480.5396	---	---
3DH5	Ant1	2402	1.1675	2401.3880	2402.5555	---	---
3DH5	Ant1	2441	1.1592	2440.3907	2441.5499	---	---
3DH5	Ant1	2480	1.1626	2479.3840	2480.5466	---	---

Test Graphs



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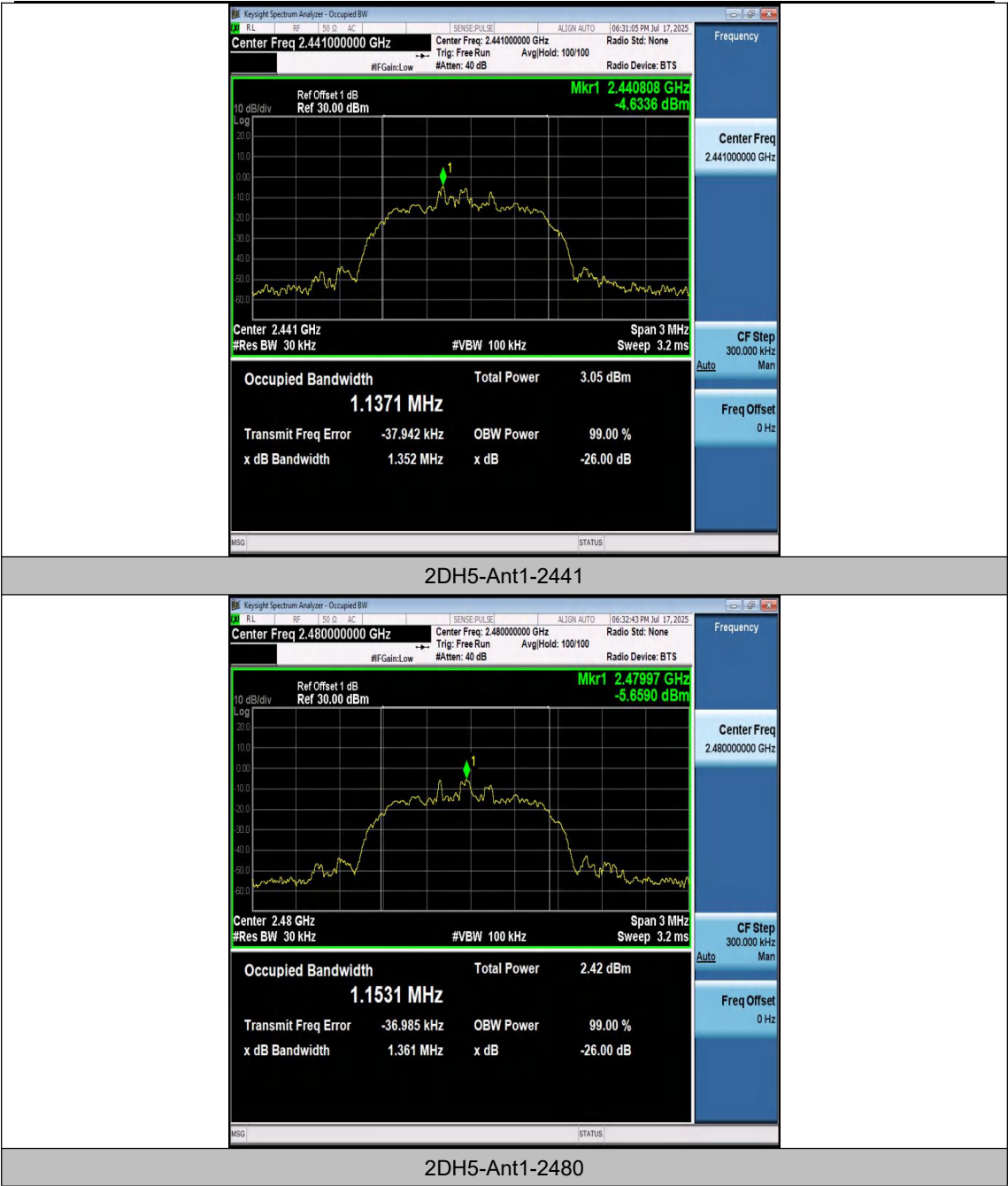
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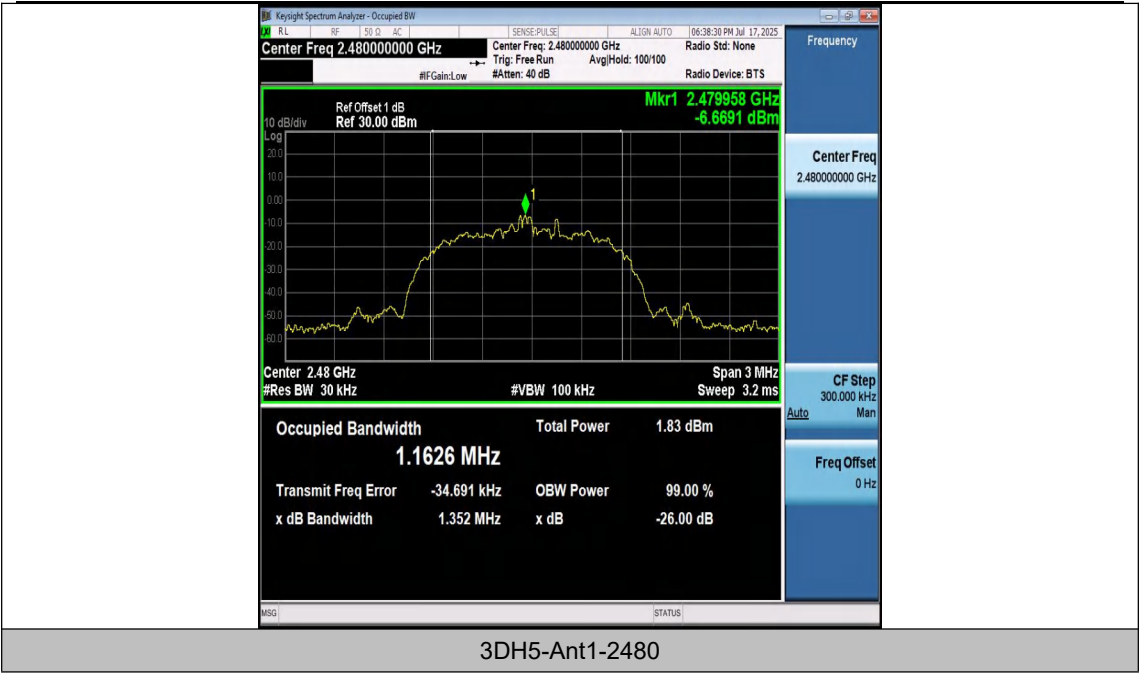




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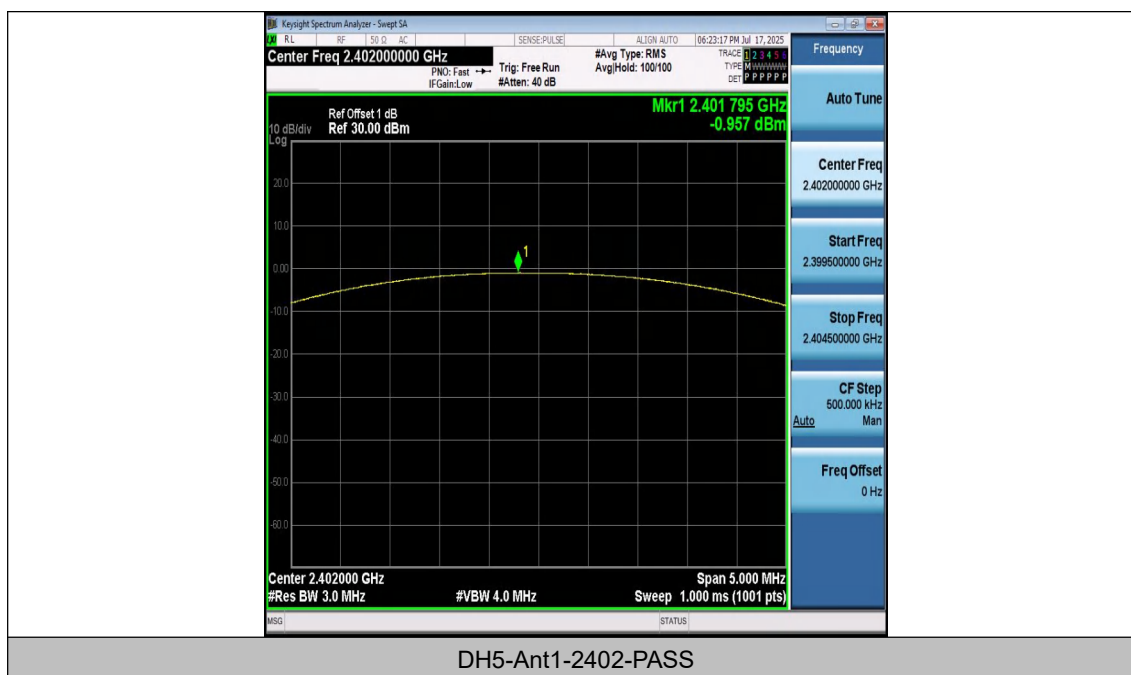
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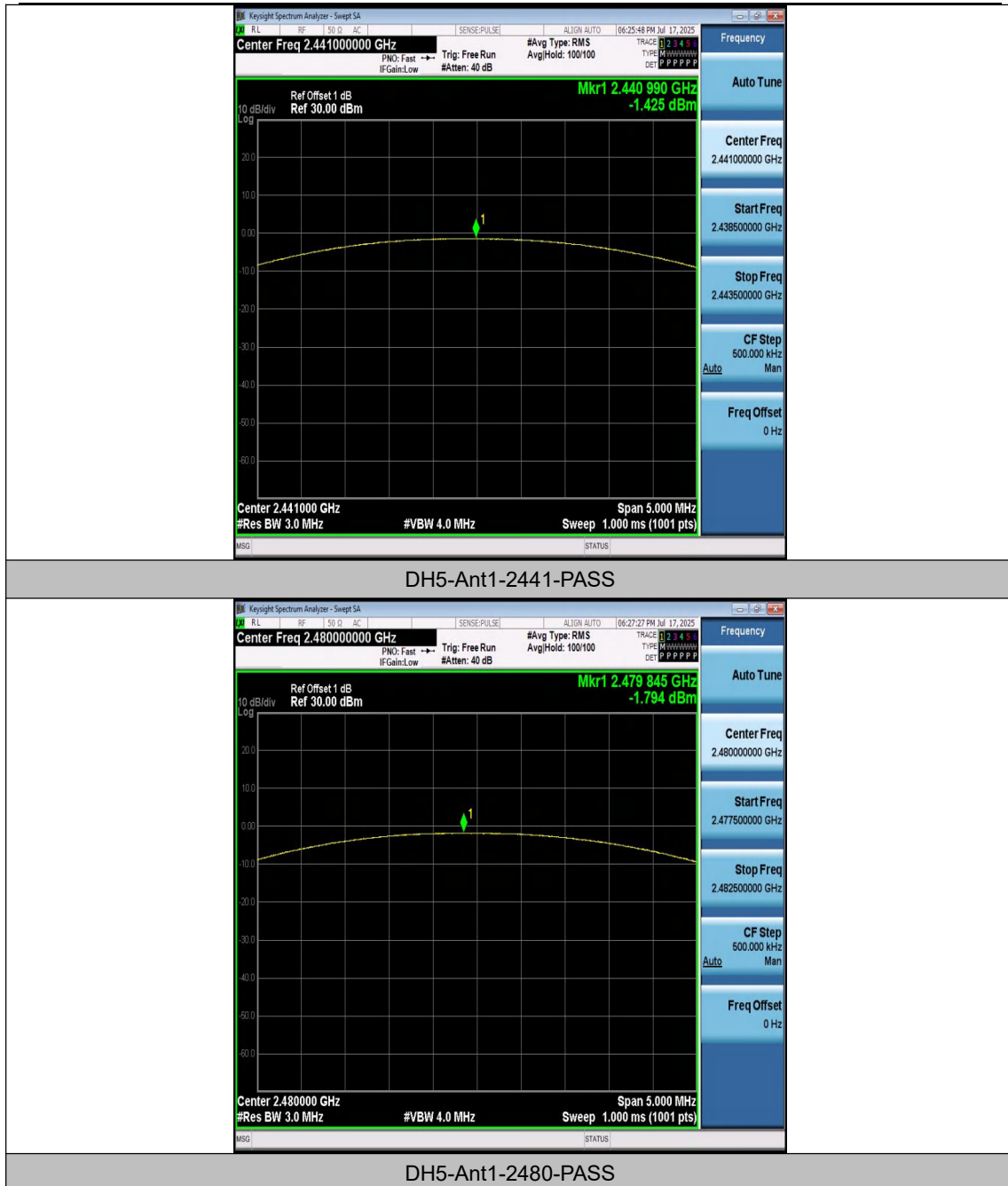
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.96	≤20.97	PASS
DH5	Ant1	2441	-1.43	≤20.97	PASS
DH5	Ant1	2480	-1.79	≤20.97	PASS
2DH5	Ant1	2402	-0.97	≤20.97	PASS
2DH5	Ant1	2441	-1.47	≤20.97	PASS
2DH5	Ant1	2480	-1.80	≤20.97	PASS
3DH5	Ant1	2402	-1.07	≤20.97	PASS
3DH5	Ant1	2441	-1.51	≤20.97	PASS
3DH5	Ant1	2480	-1.87	≤20.97	PASS

Test Graphs

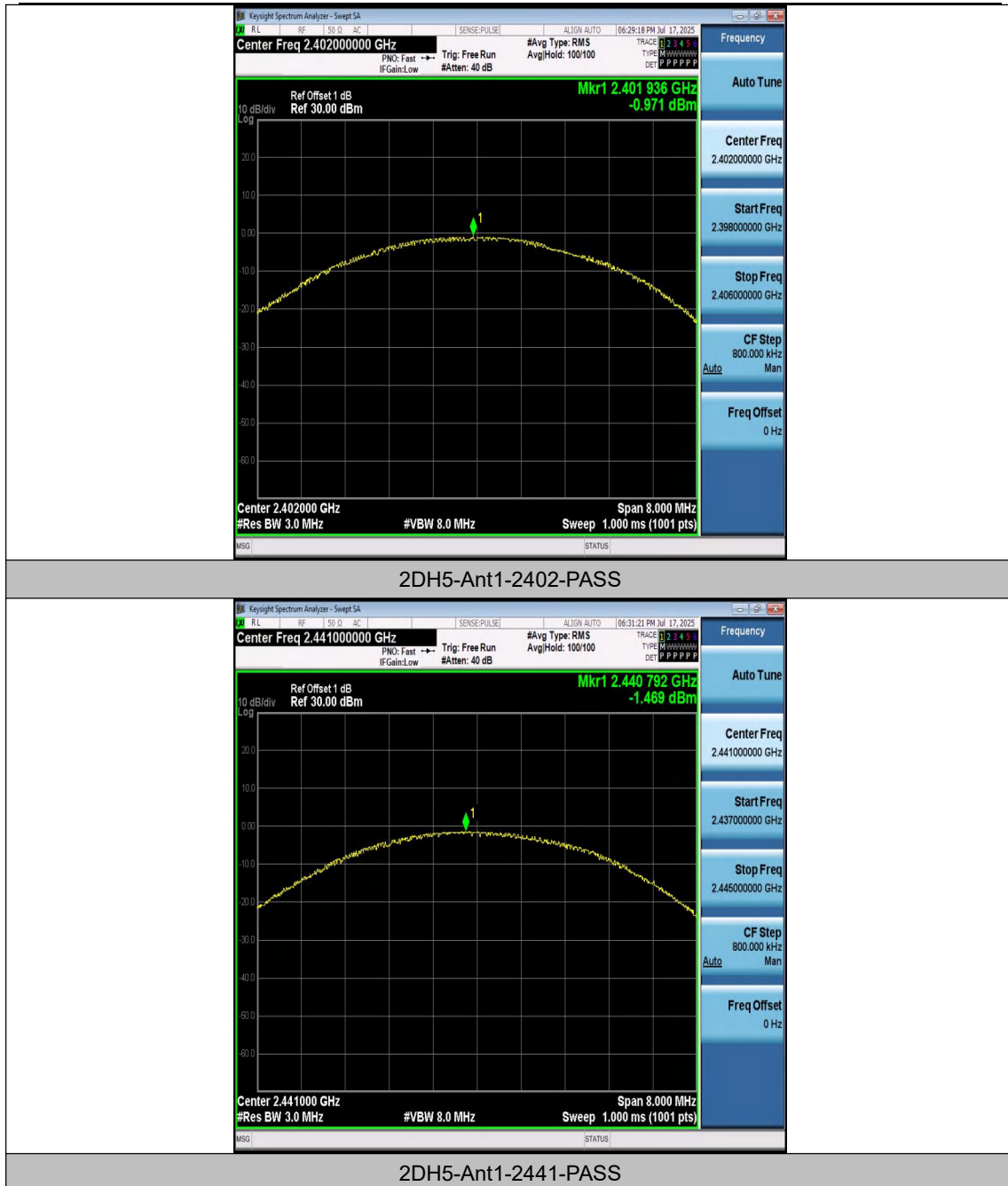




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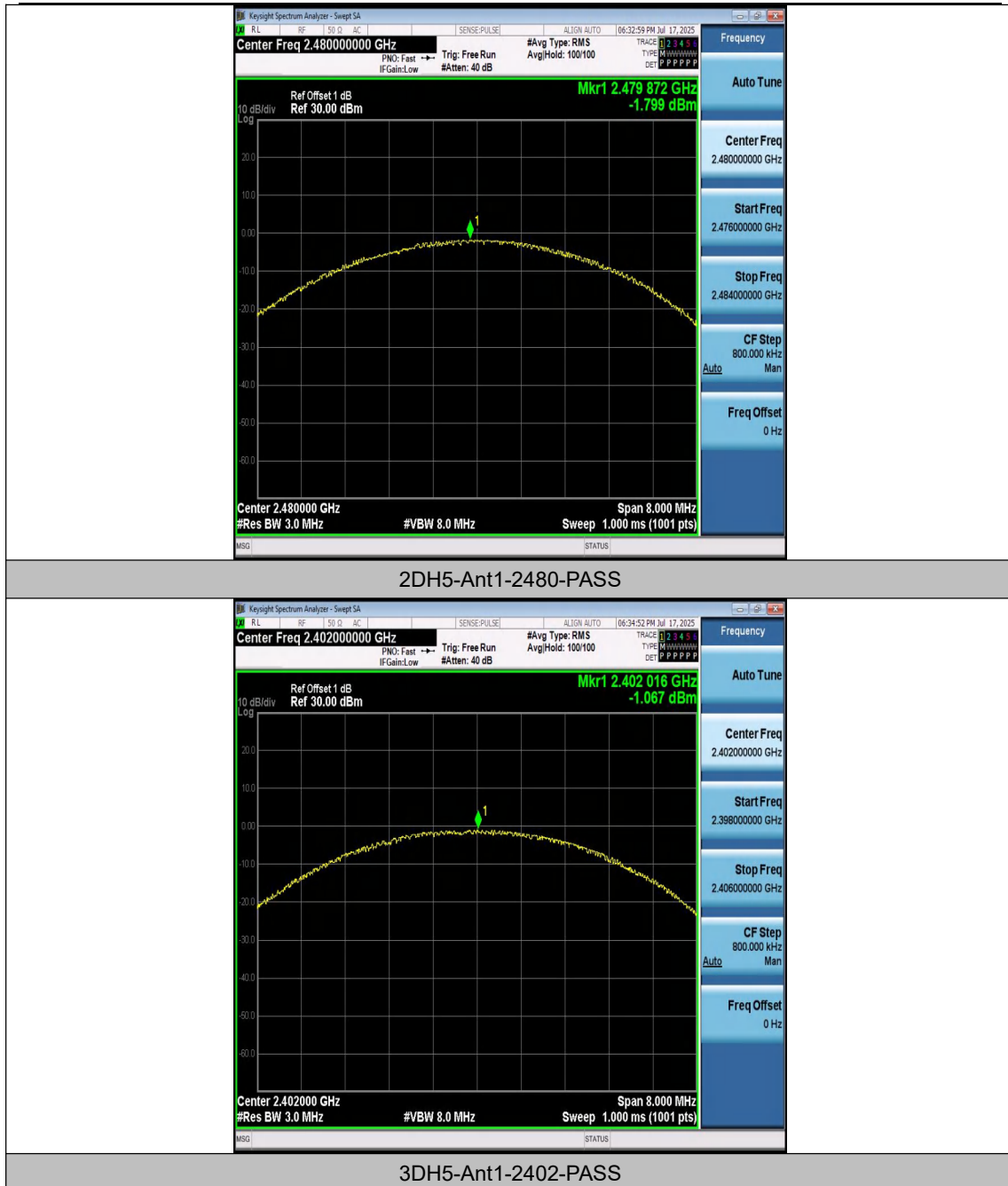
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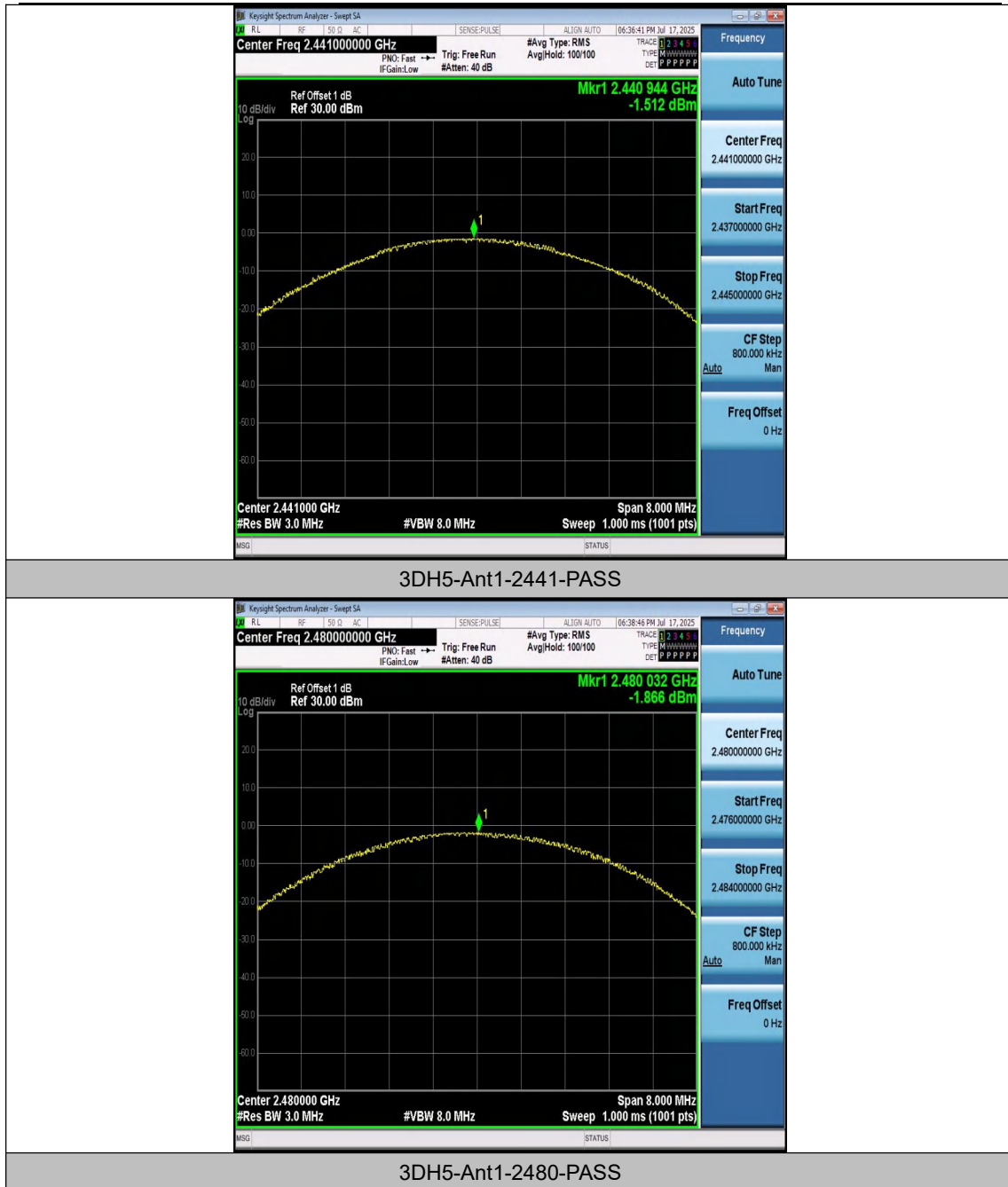
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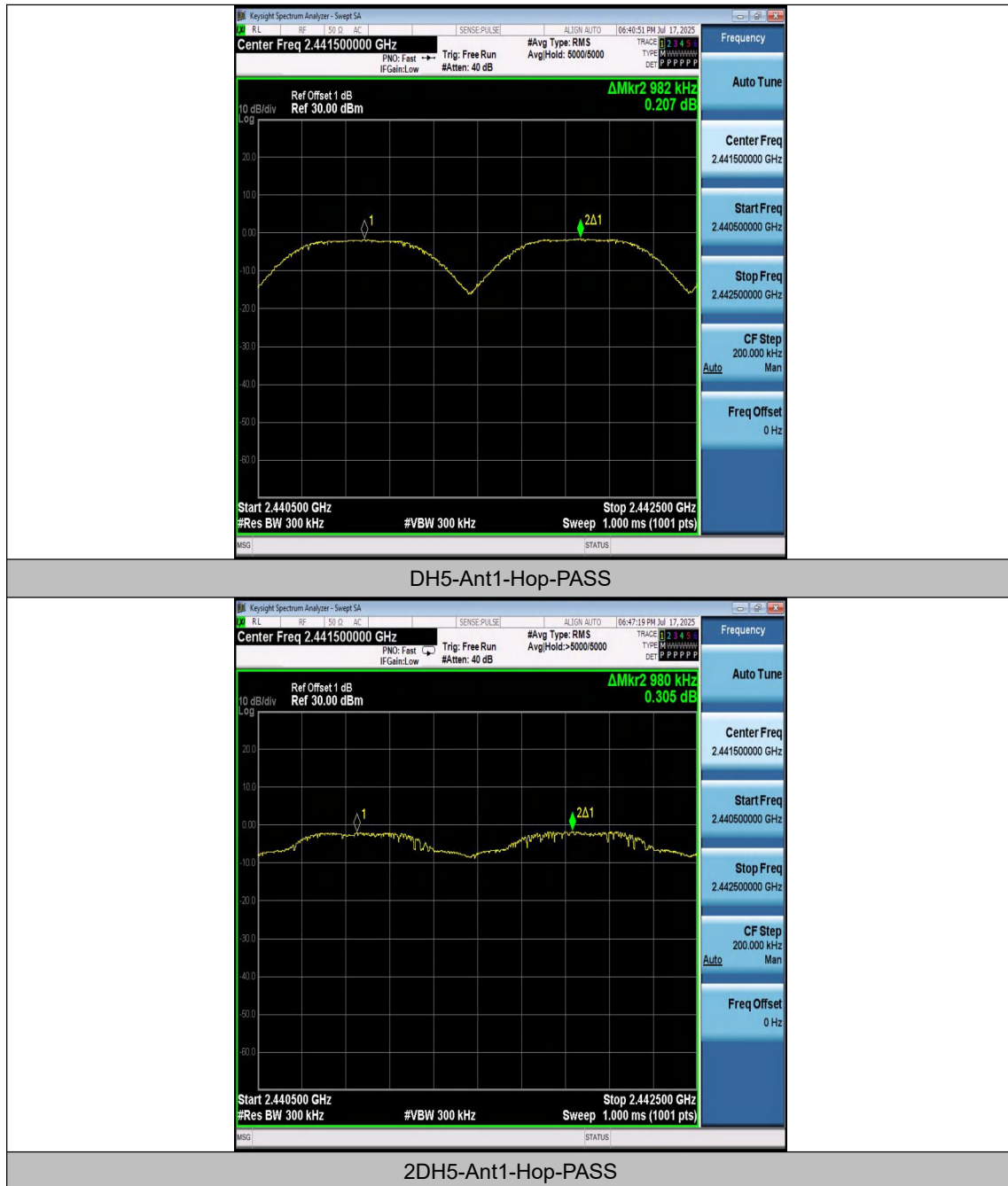
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.982	≥0.636	PASS
2DH5	Ant1	Hop	0.98	≥0.804	PASS
3DH5	Ant1	Hop	1.066	≥0.786	PASS

Test Graphs



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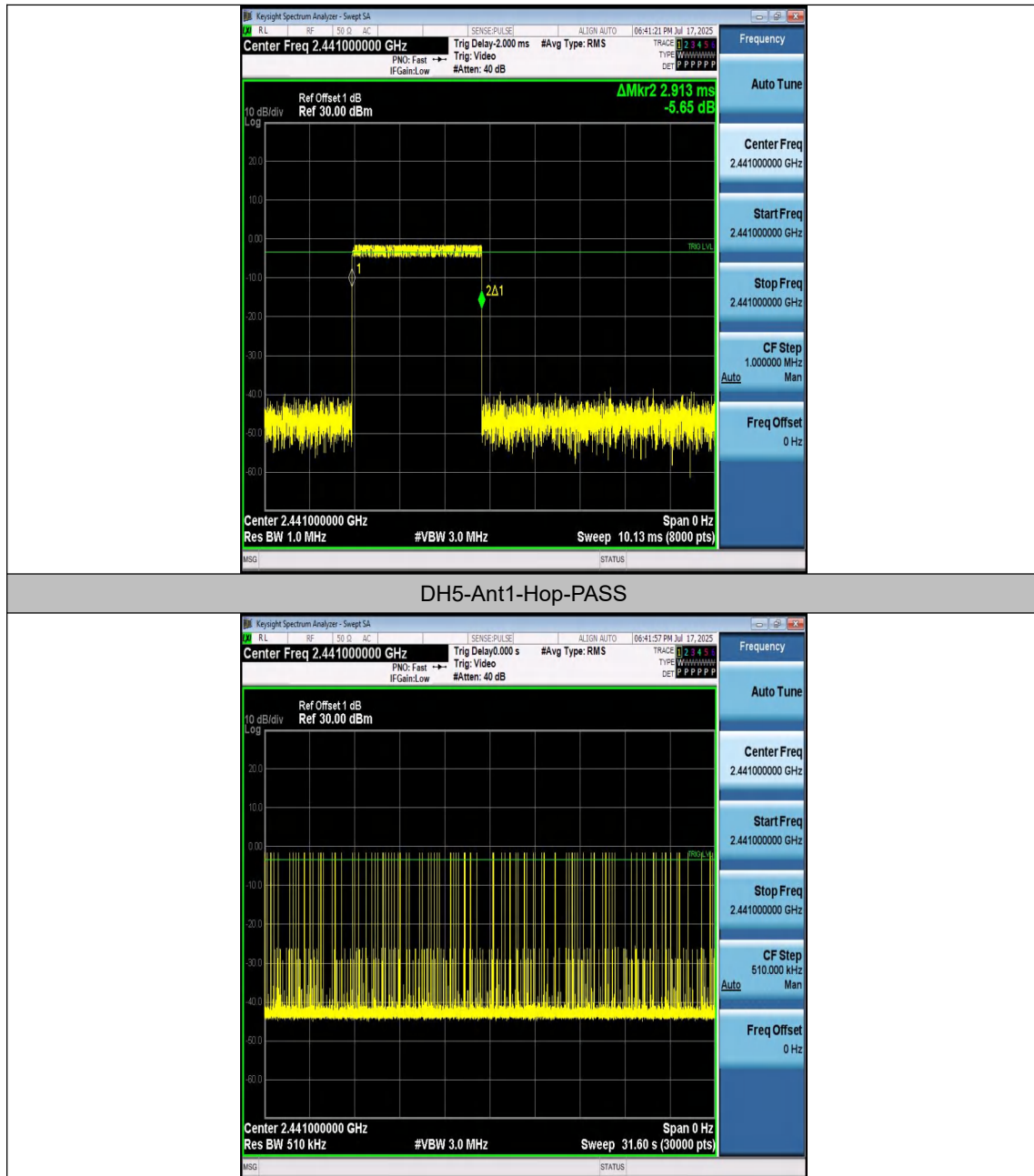
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.913	105	0.306	≤0.4	PASS
2DH5	Ant1	Hop	2.918	113	0.33	≤0.4	PASS
3DH5	Ant1	Hop	2.920	104	0.304	≤0.4	PASS

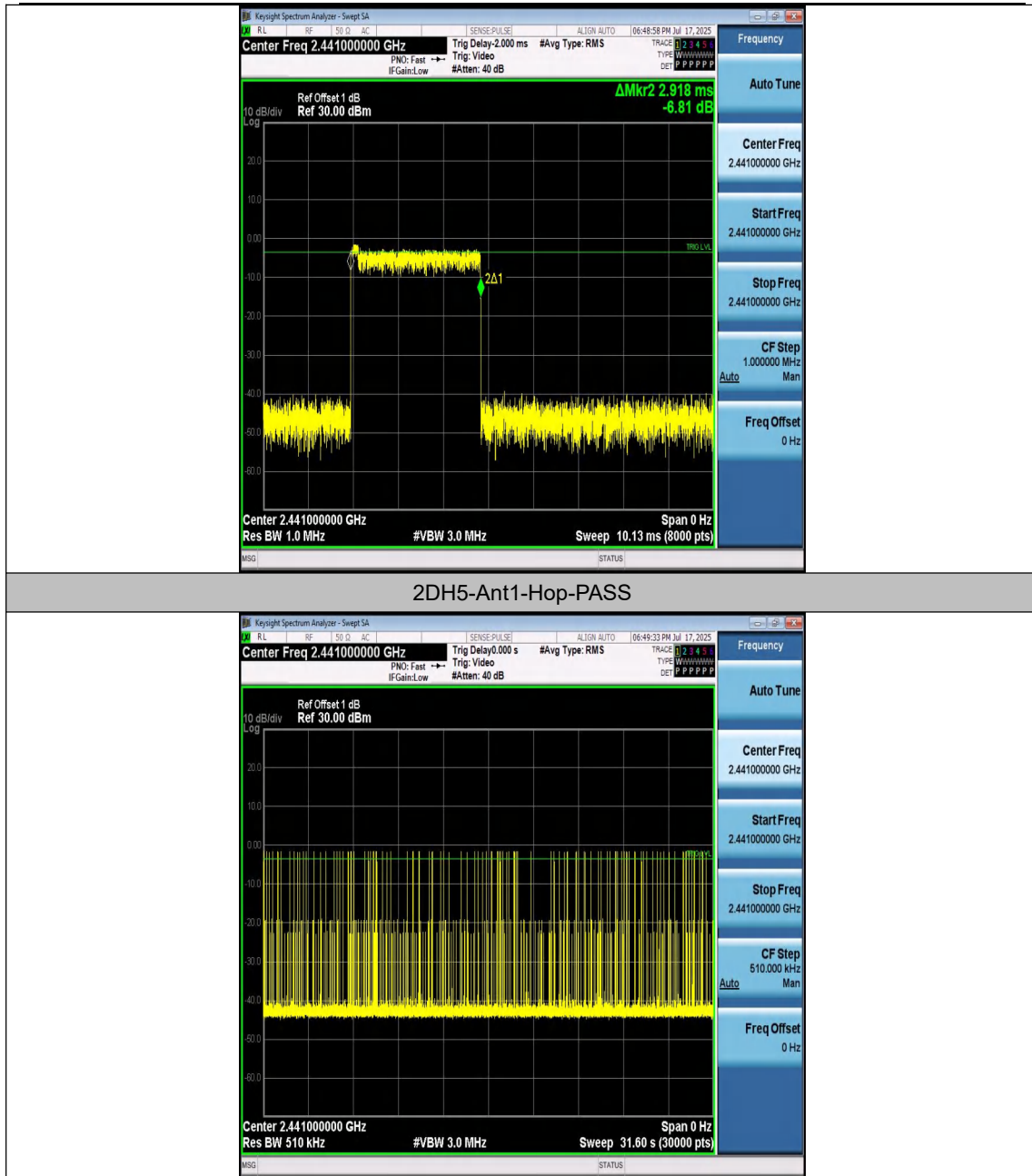
Test Graphs



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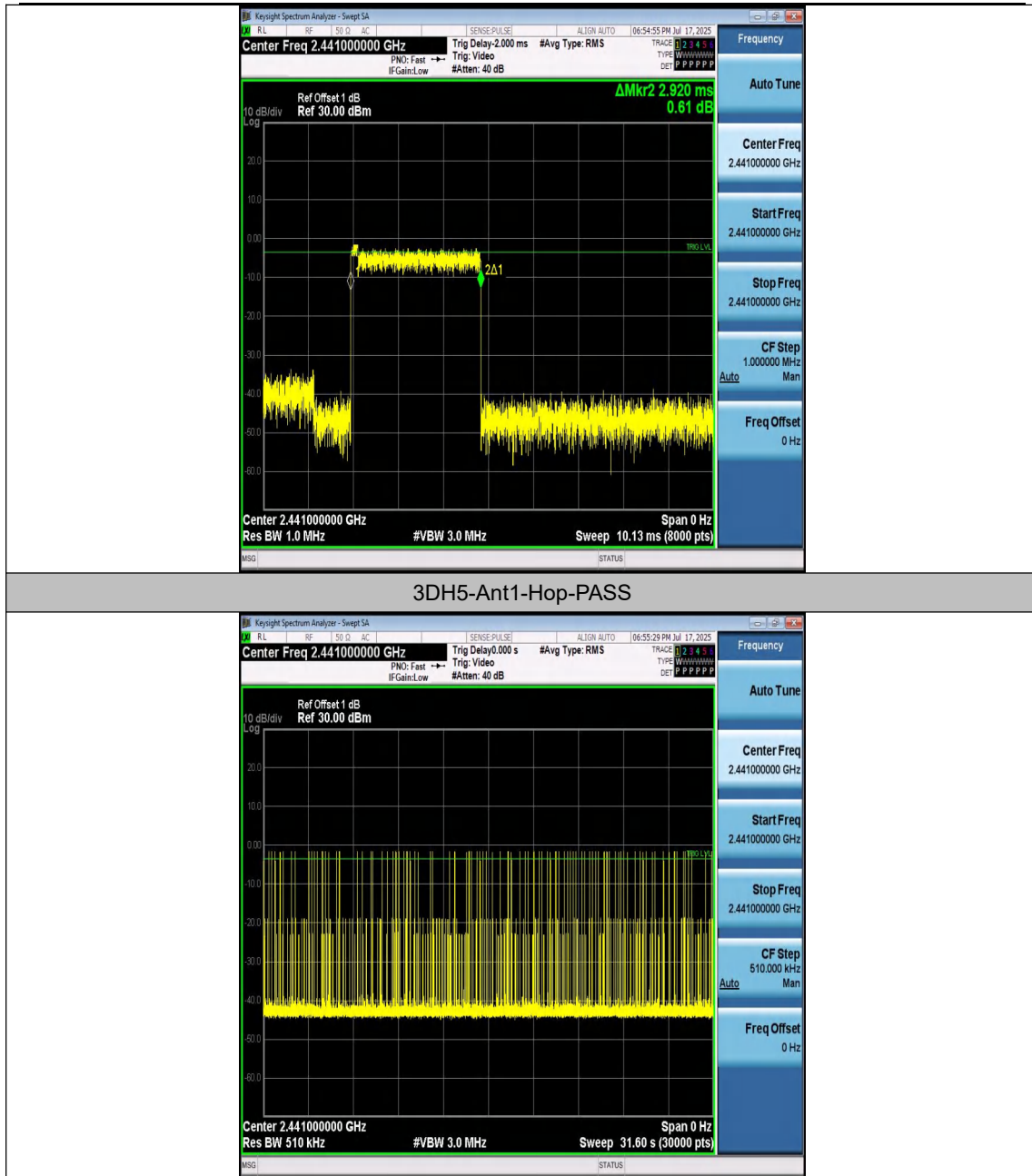
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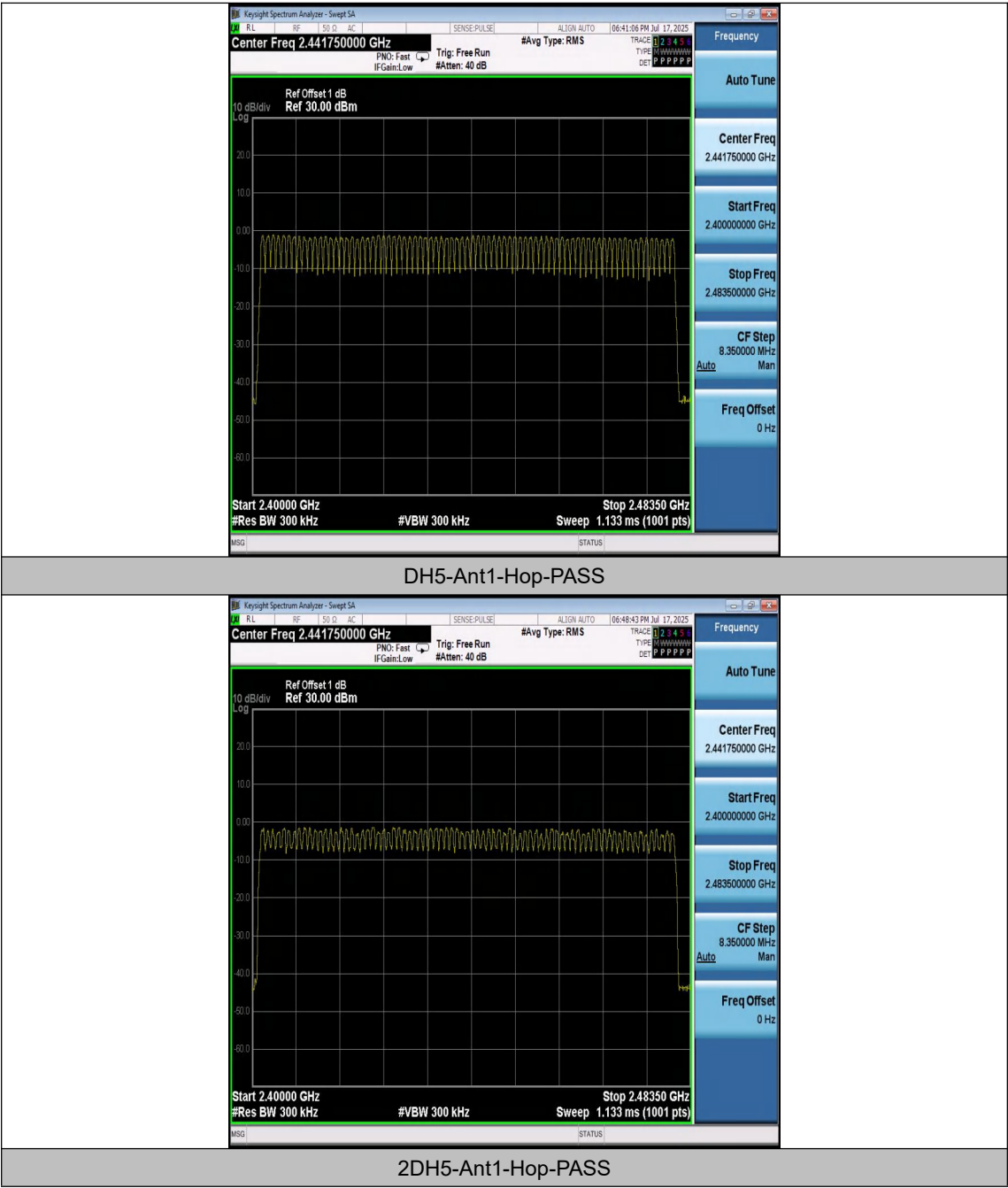
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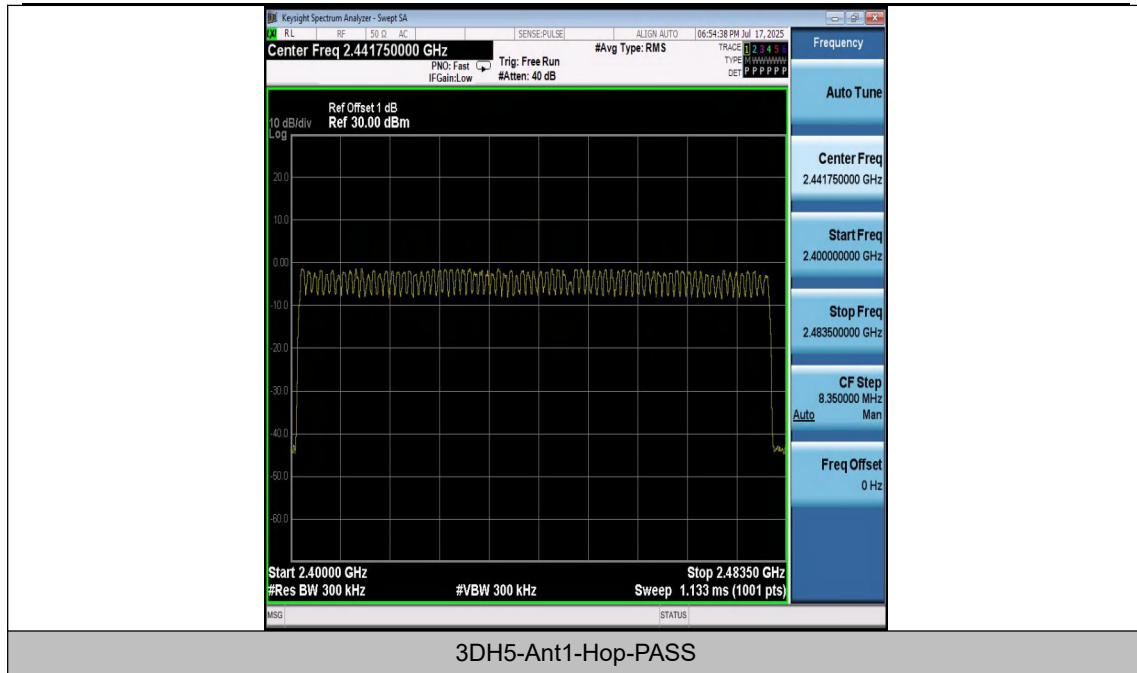
Appendix F: Number of Hopping Channel

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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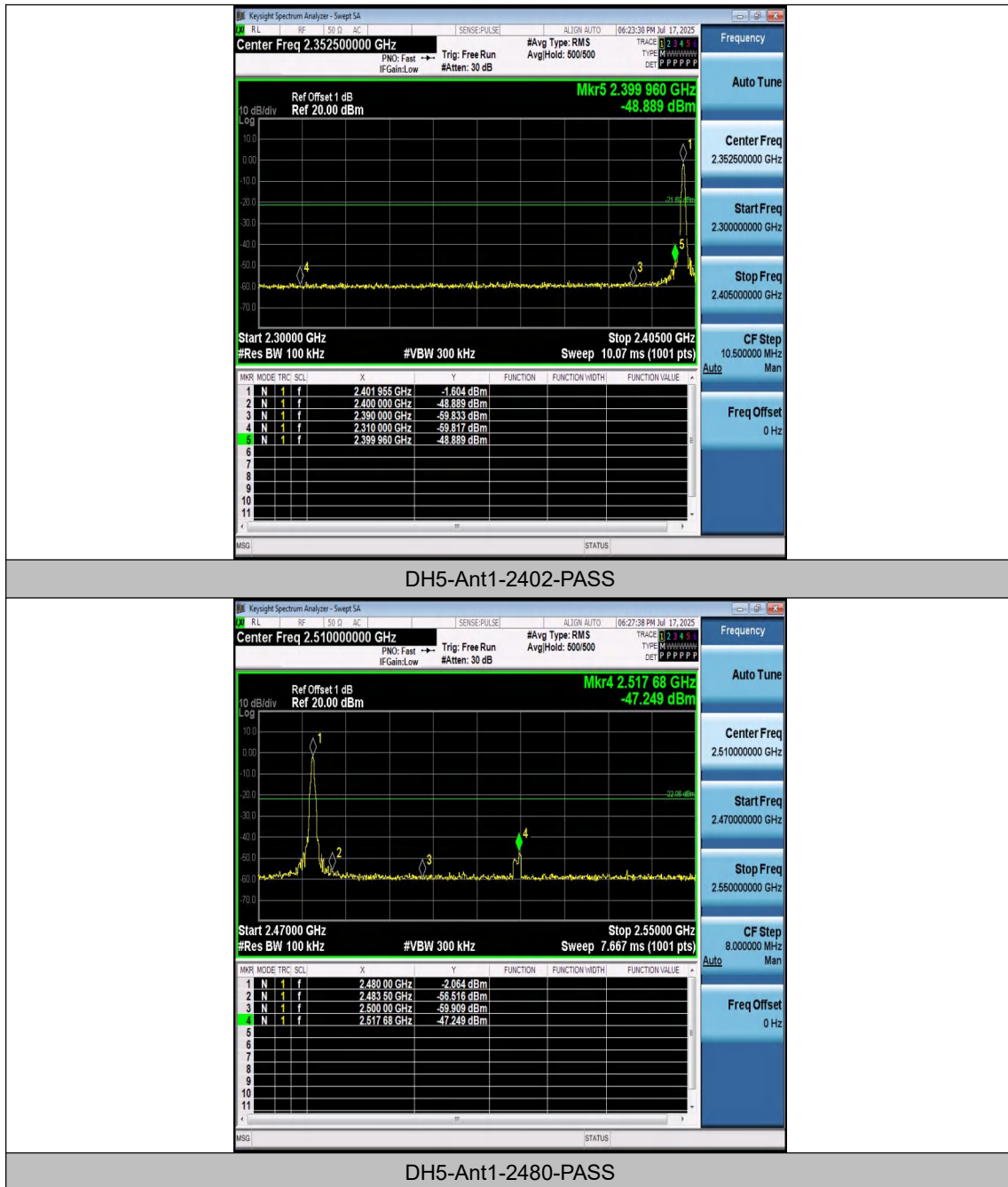
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.60	-48.89	≤-21.6	PASS
DH5	Ant1	High	2480	-2.06	-47.25	≤-22.06	PASS
DH5	Ant1	Low	Hop_2402	-1.98	-56.75	≤-21.98	PASS
DH5	Ant1	High	Hop_2480	-2.71	-57.02	≤-22.71	PASS
2DH5	Ant1	Low	2402	-2.31	-52.5	≤-22.31	PASS
2DH5	Ant1	High	2480	-3.22	-54.08	≤-23.22	PASS
2DH5	Ant1	Low	Hop_2402	-2.57	-56.13	≤-22.57	PASS
2DH5	Ant1	High	Hop_2480	-2.98	-57.21	≤-22.98	PASS
3DH5	Ant1	Low	2402	-2.60	-52.54	≤-22.6	PASS
3DH5	Ant1	High	2480	-2.99	-56.2	≤-22.99	PASS
3DH5	Ant1	Low	Hop_2402	-8.61	-56.97	≤-28.61	PASS
3DH5	Ant1	High	Hop_2480	-3.21	-57.09	≤-23.21	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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