

Appendix Test Data(TV stick)

Report No.:	1812C50653612502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-16	Finish Test Date:	2025-12-16
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.8°C	Relative Humidity:	42%
Pressure:	101kPa		

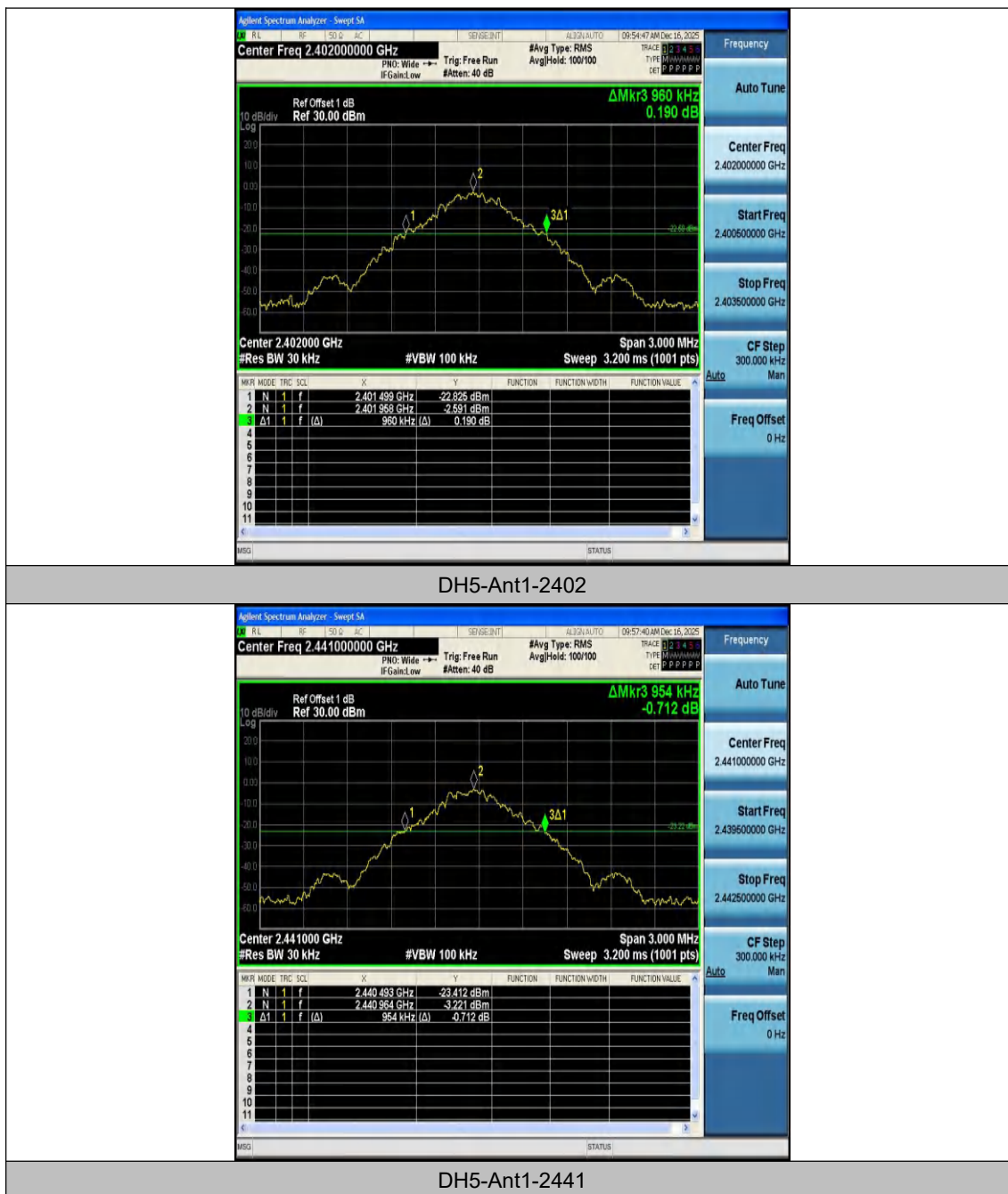


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.499	2402.459	---	---
DH5	Ant1	2441	0.954	2440.493	2441.447	---	---
DH5	Ant1	2480	1.020	2479.448	2480.468	---	---
2DH5	Ant1	2402	1.296	2401.325	2402.621	---	---
2DH5	Ant1	2441	1.314	2440.304	2441.618	---	---
2DH5	Ant1	2480	1.290	2479.328	2480.618	---	---
3DH5	Ant1	2402	1.290	2401.316	2402.606	---	---
3DH5	Ant1	2441	1.302	2440.319	2441.621	---	---
3DH5	Ant1	2480	1.308	2479.316	2480.624	---	---

Test Graphs





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3DH5-Ant1-2480

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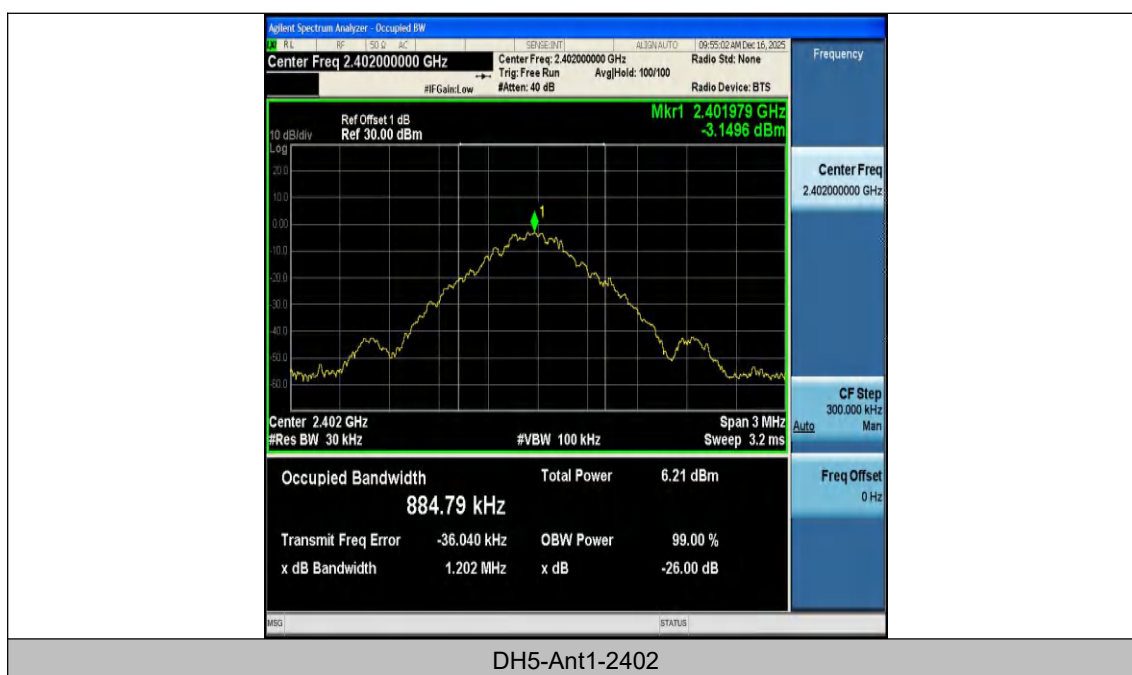
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88479	2401.5216	2402.4064	---	---
DH5	Ant1	2441	0.90156	2440.5122	2441.4138	---	---
DH5	Ant1	2480	0.89262	2479.5186	2480.4112	---	---
2DH5	Ant1	2402	1.2139	2401.3573	2402.5712	---	---
2DH5	Ant1	2441	1.2074	2440.3668	2441.5742	---	---
2DH5	Ant1	2480	1.1937	2479.3651	2480.5588	---	---
3DH5	Ant1	2402	1.2113	2401.3523	2402.5636	---	---
3DH5	Ant1	2441	1.2047	2440.3605	2441.5652	---	---
3DH5	Ant1	2480	1.2053	2479.3590	2480.5643	---	---

Test Graphs

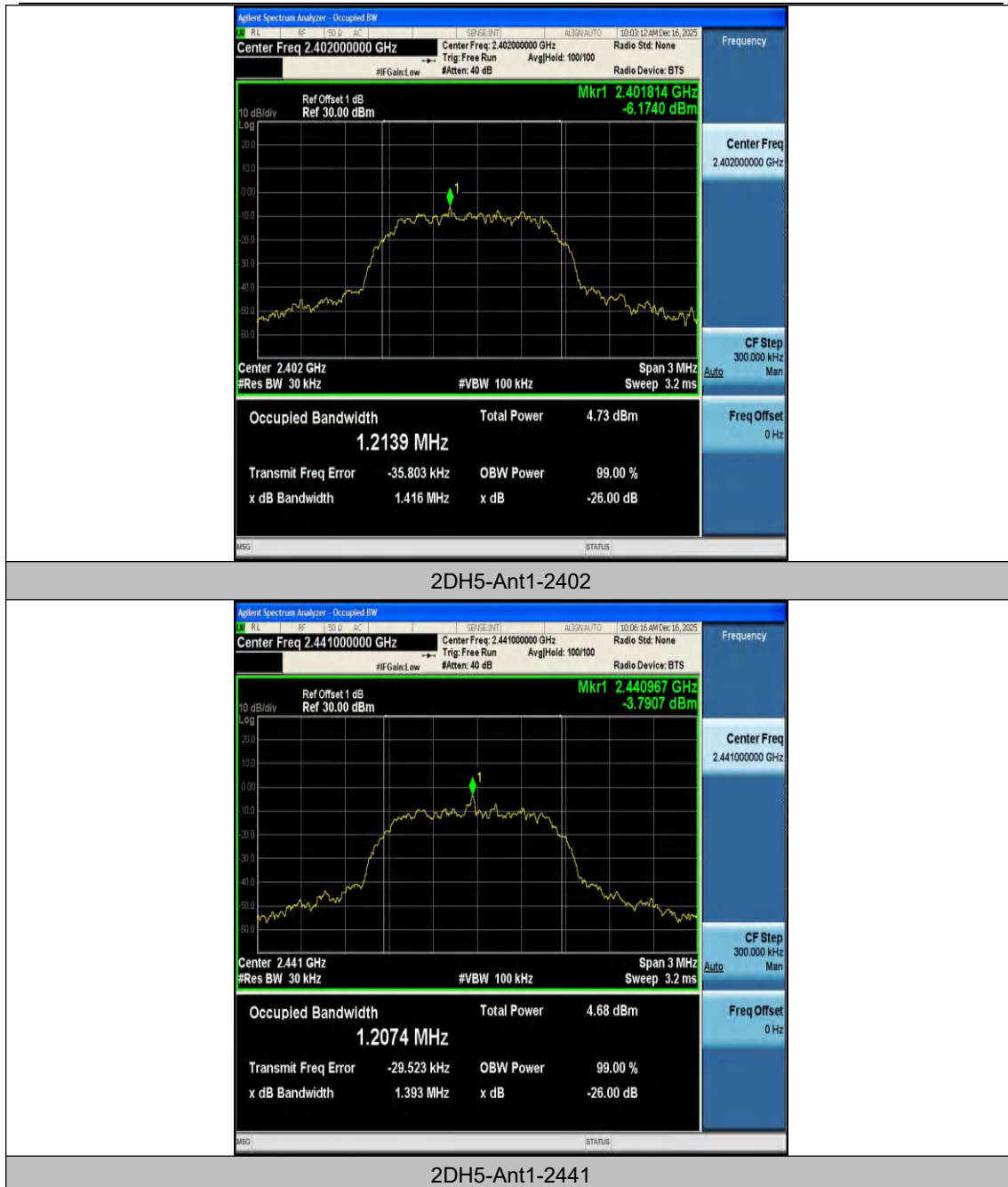




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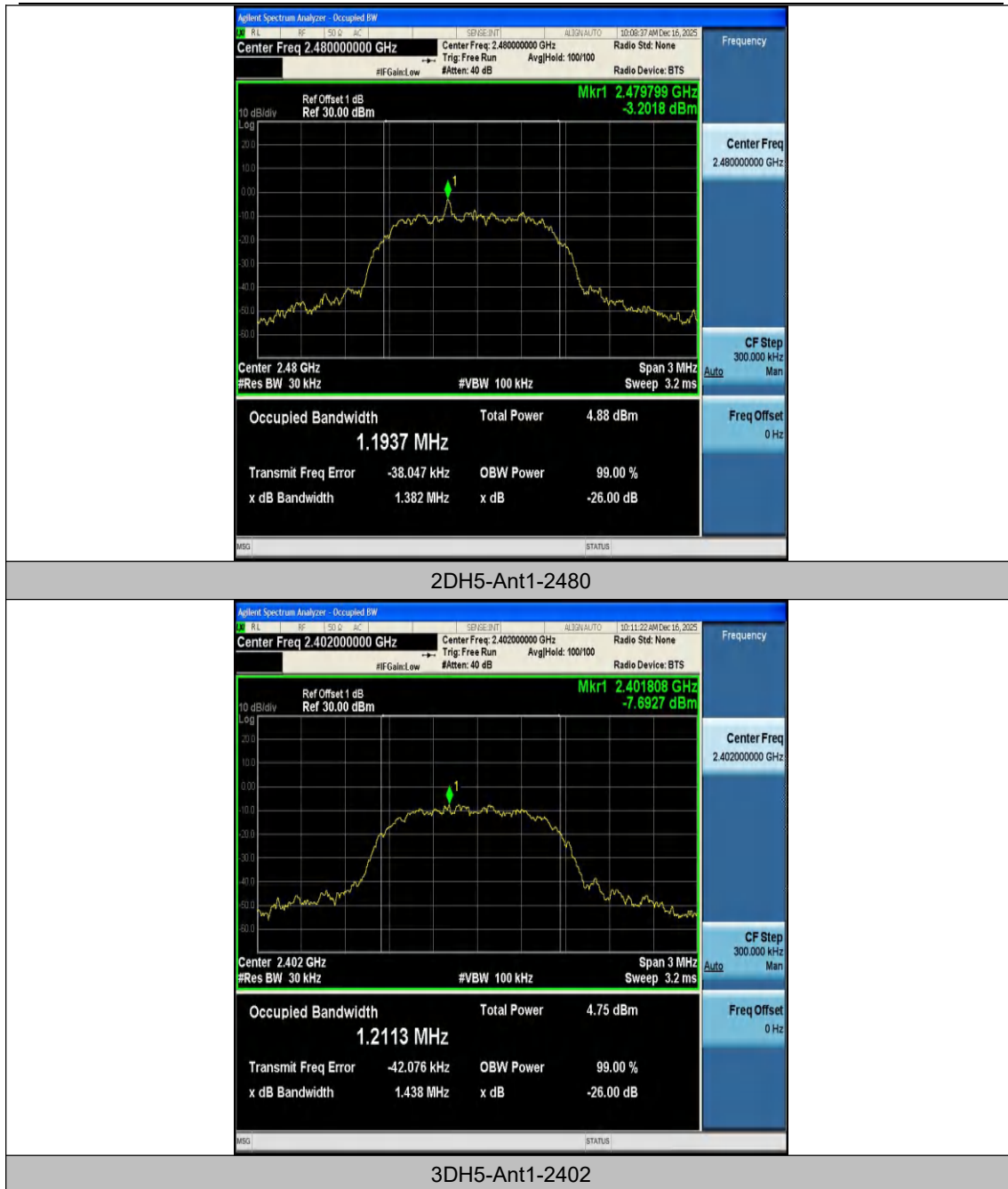
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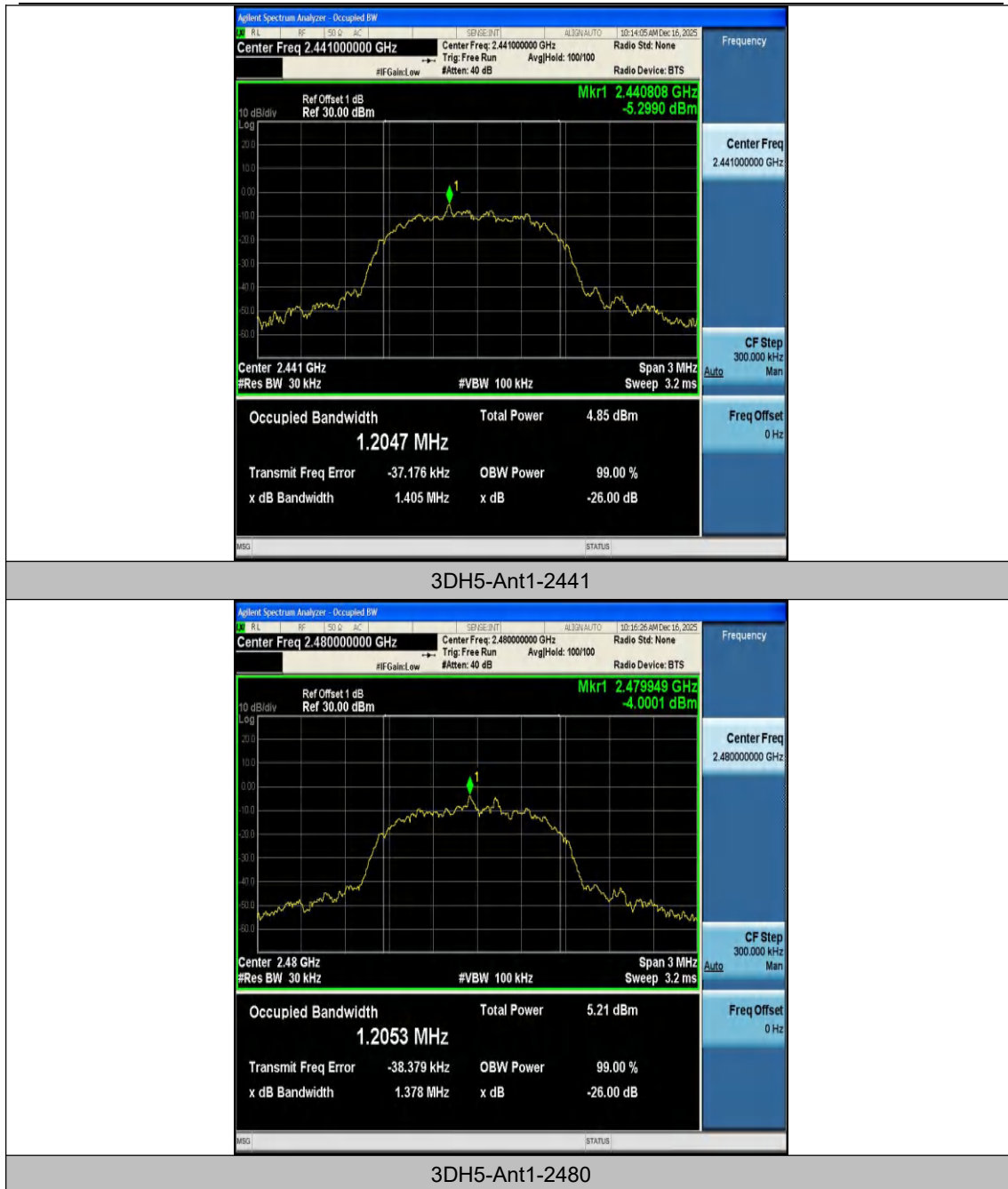
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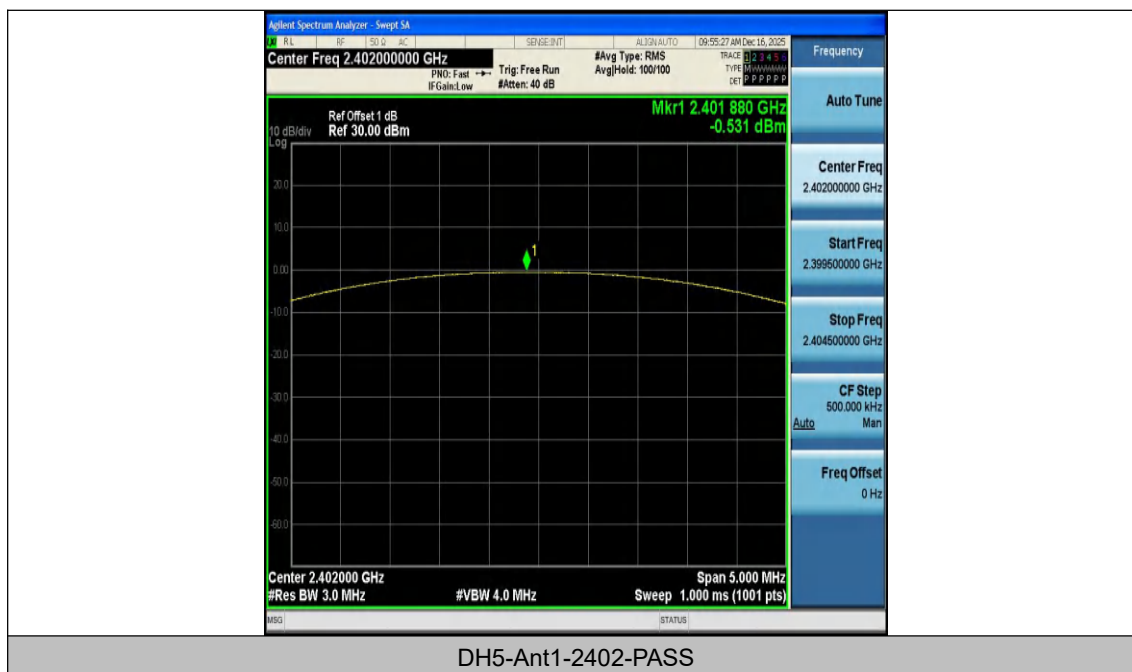
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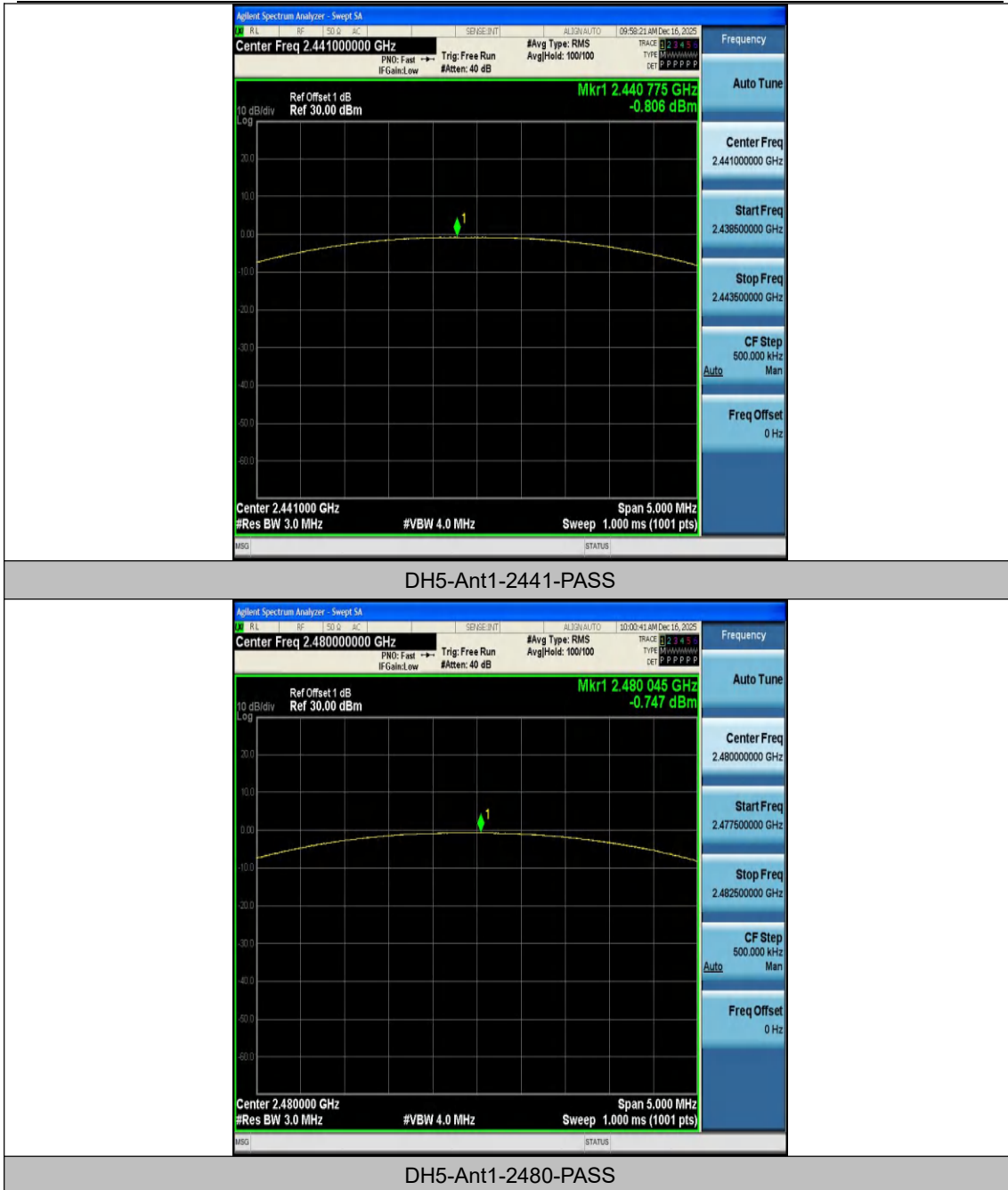
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.53	≤20.97	PASS
DH5	Ant1	2441	-0.81	≤20.97	PASS
DH5	Ant1	2480	-0.75	≤20.97	PASS
2DH5	Ant1	2402	0.37	≤20.97	PASS
2DH5	Ant1	2441	0.07	≤20.97	PASS
2DH5	Ant1	2480	0.10	≤20.97	PASS
3DH5	Ant1	2402	0.75	≤20.97	PASS
3DH5	Ant1	2441	0.43	≤20.97	PASS
3DH5	Ant1	2480	0.41	≤20.97	PASS

Test Graphs

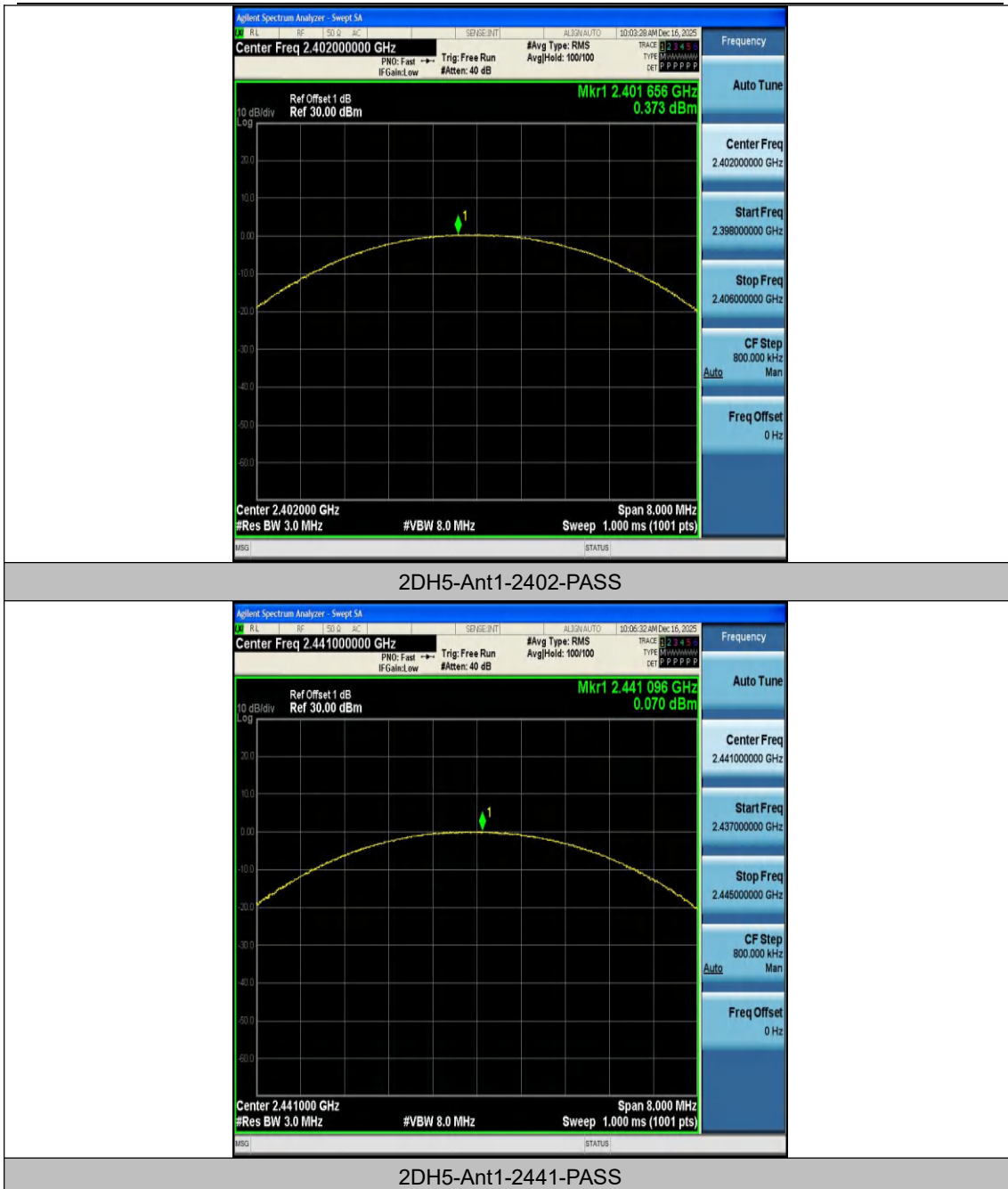




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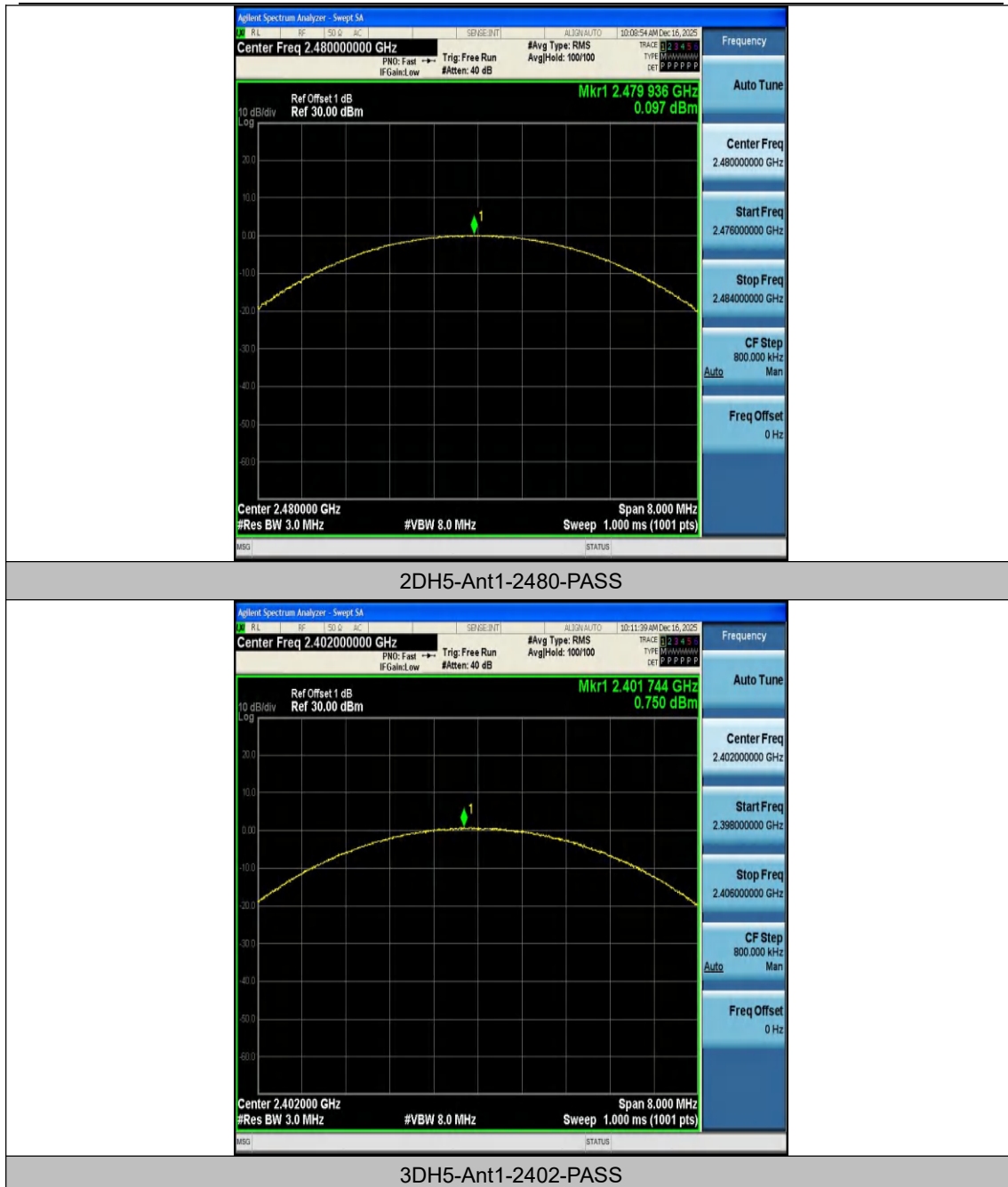
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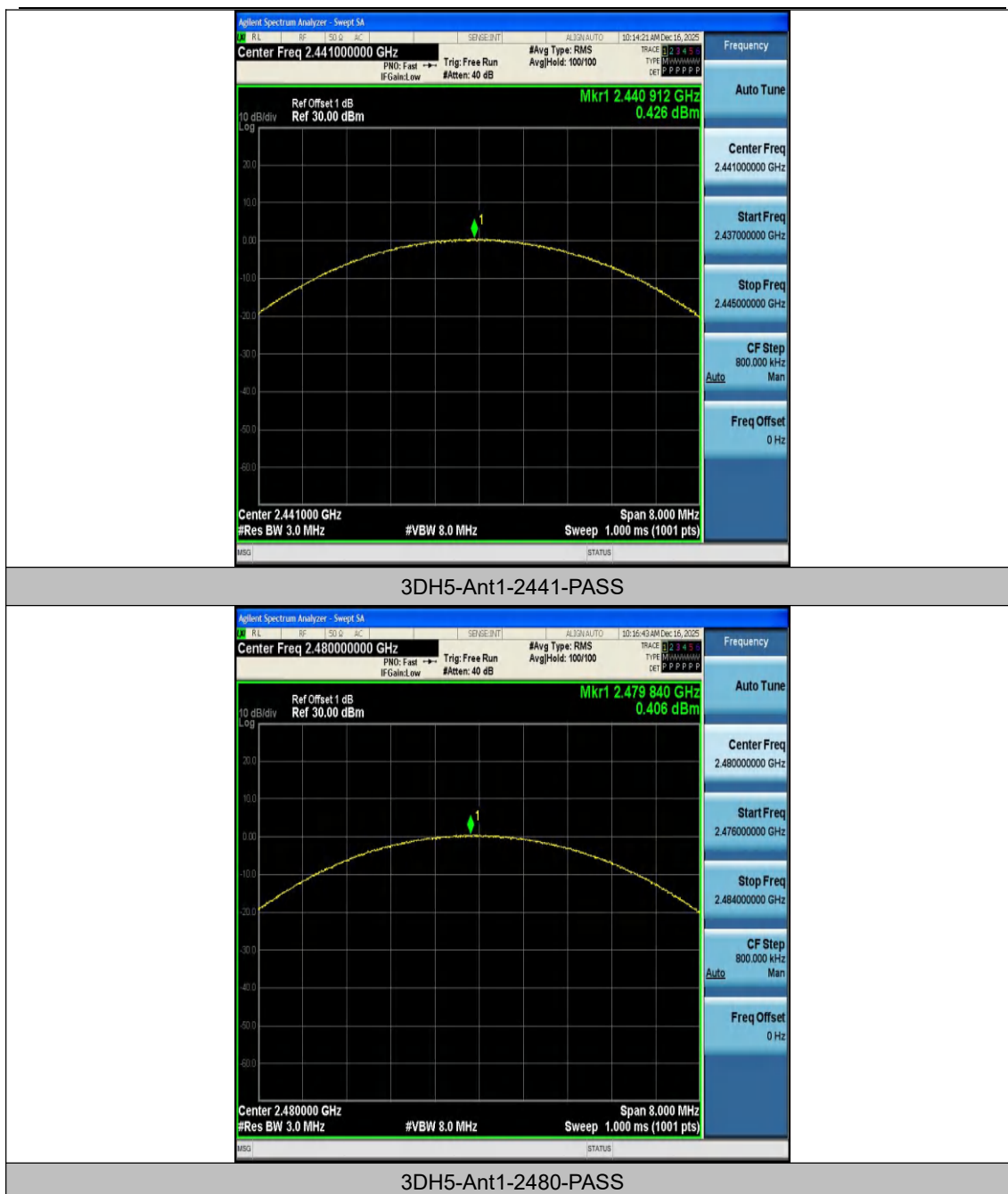
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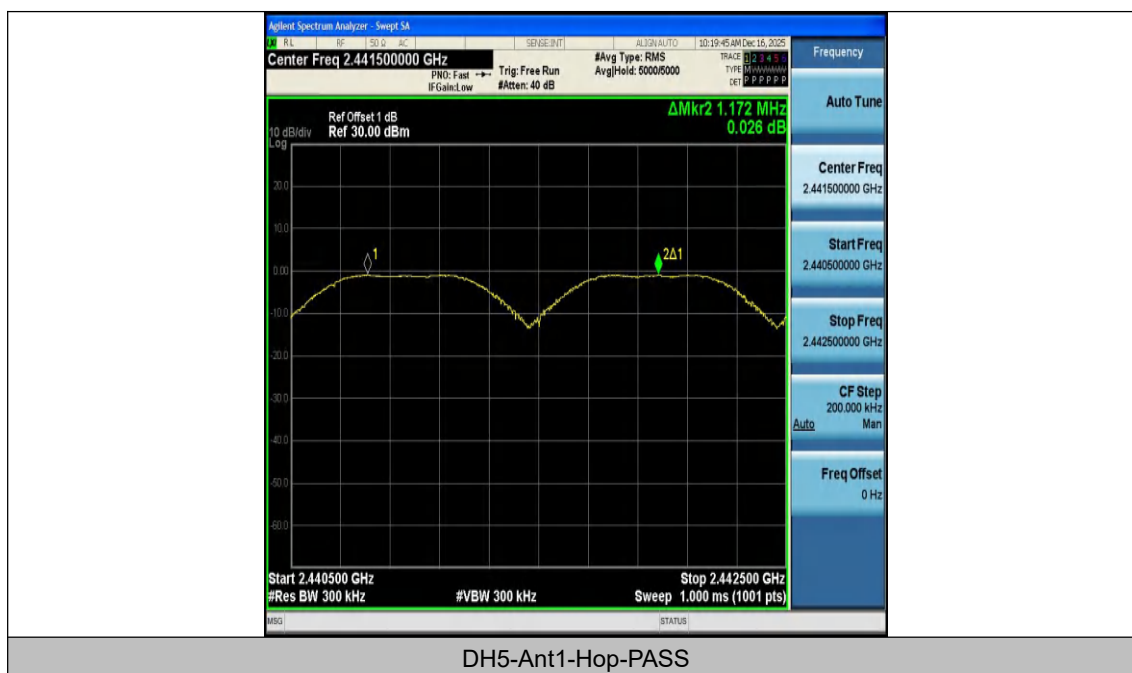
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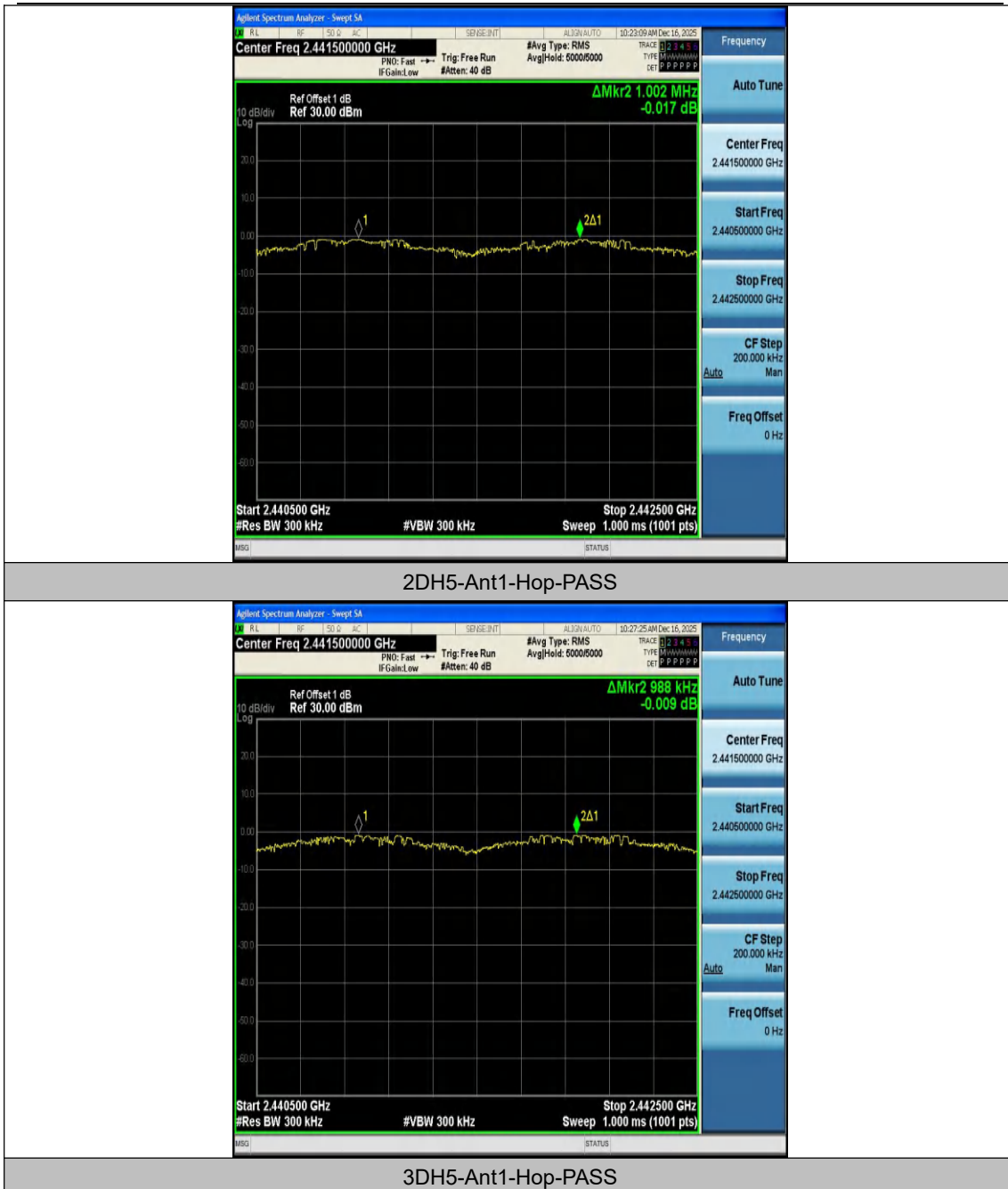
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.172	≥ 0.680	PASS
2DH5	Ant1	Hop	1.002	≥ 0.876	PASS
3DH5	Ant1	Hop	0.988	≥ 0.872	PASS

Test Graphs



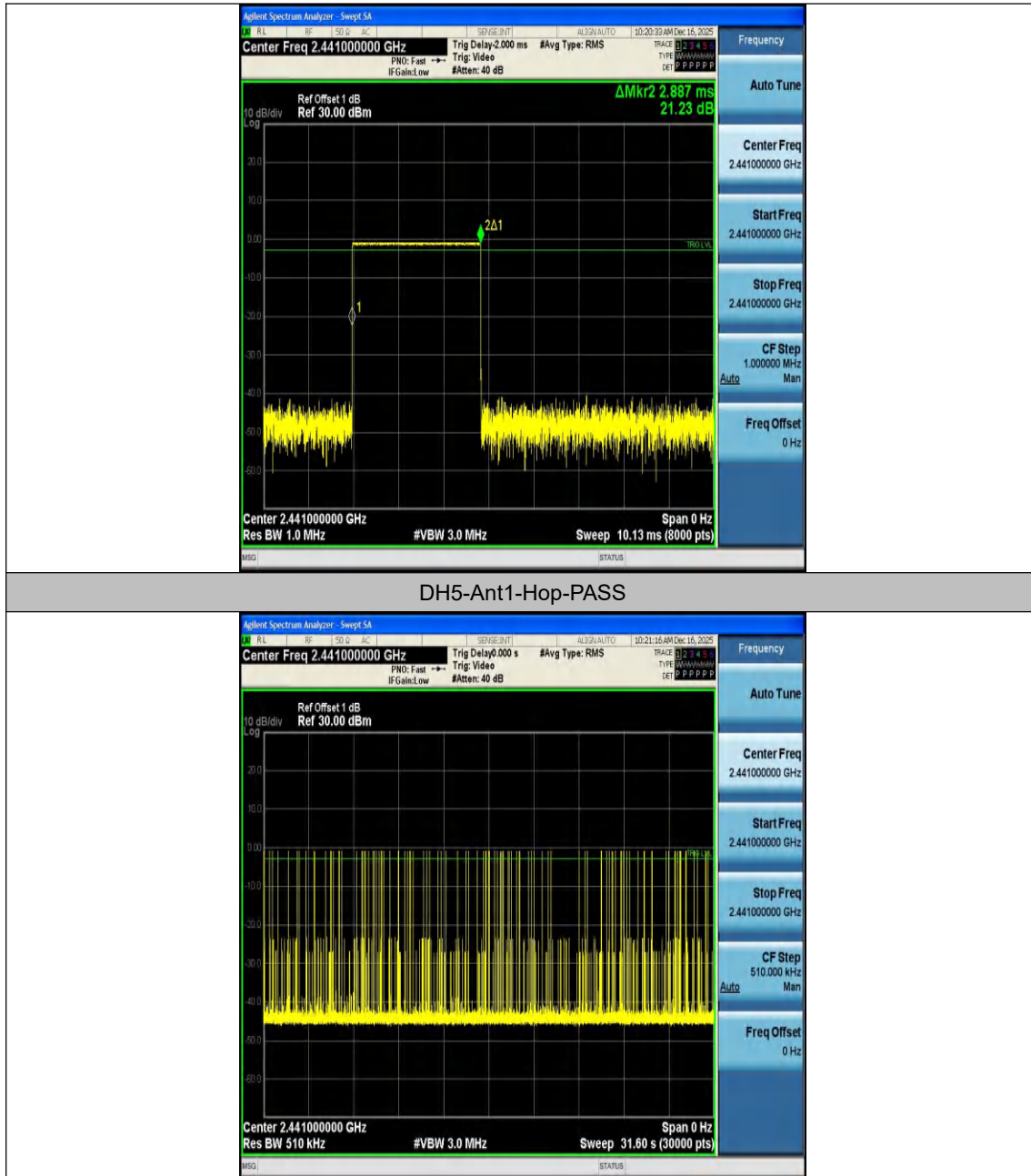


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.887	103	0.297	≤0.4	PASS
2DH5	Ant1	Hop	2.891	107	0.309	≤0.4	PASS
3DH5	Ant1	Hop	2.892	99	0.286	≤0.4	PASS

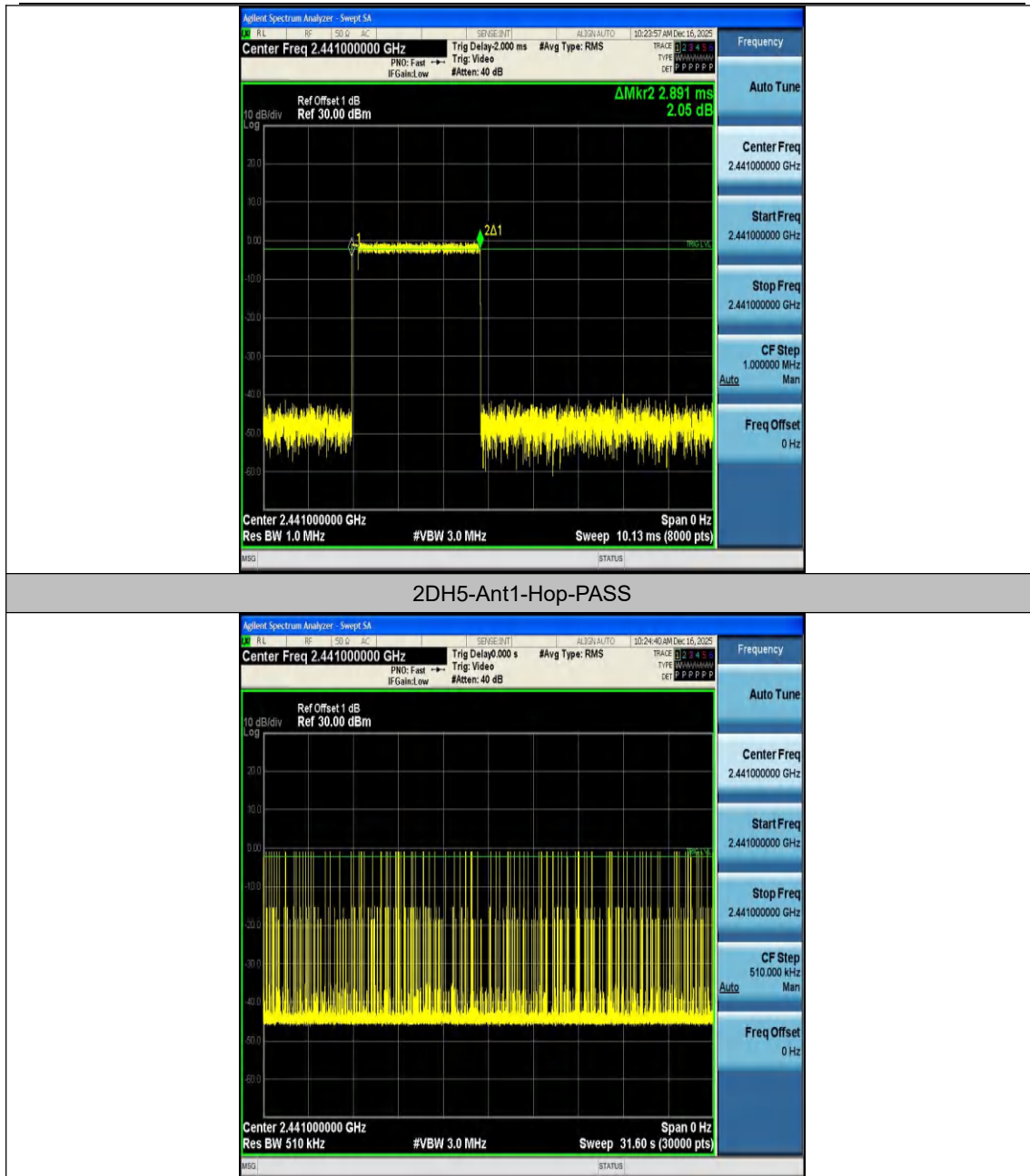
Test Graphs



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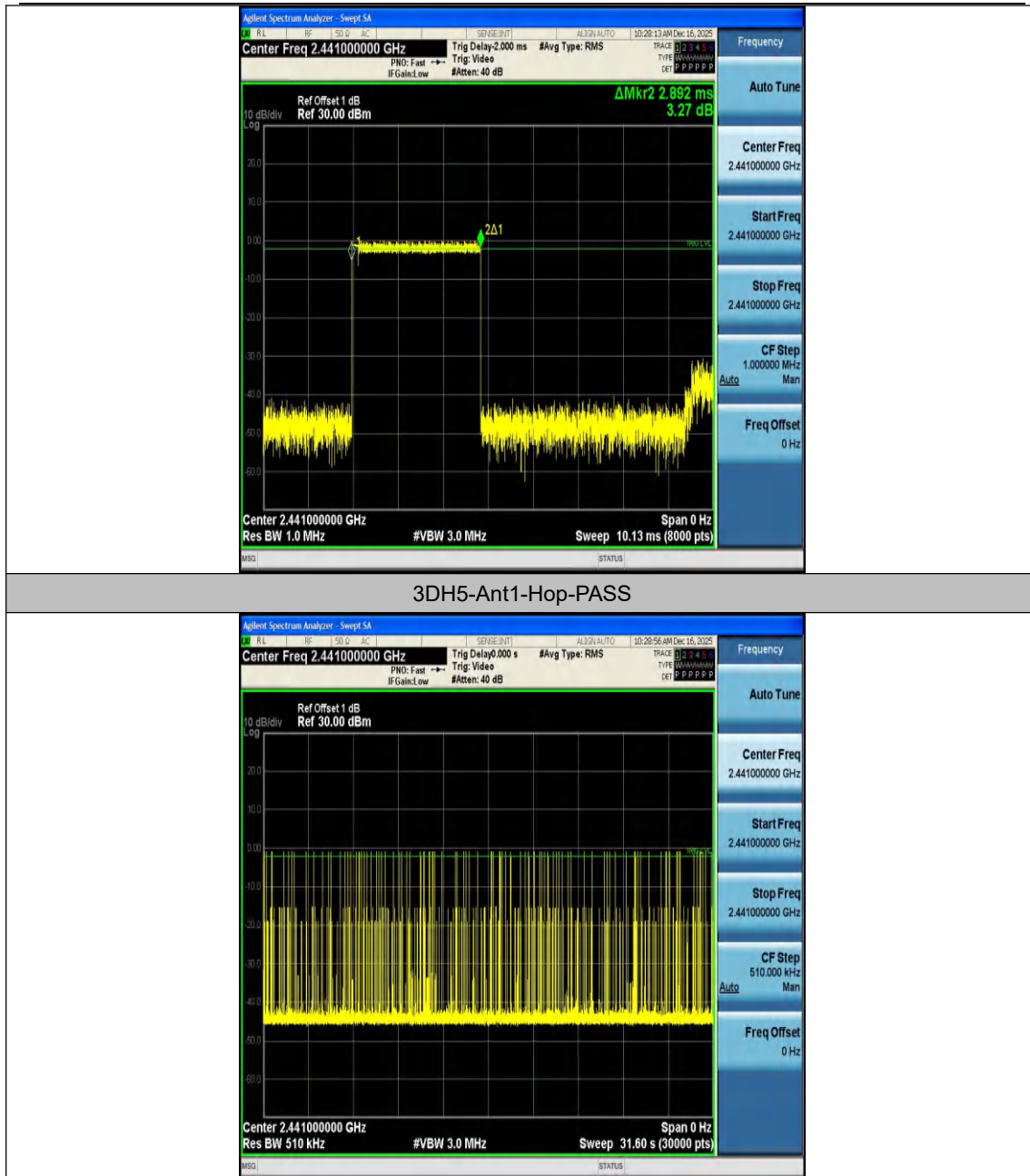
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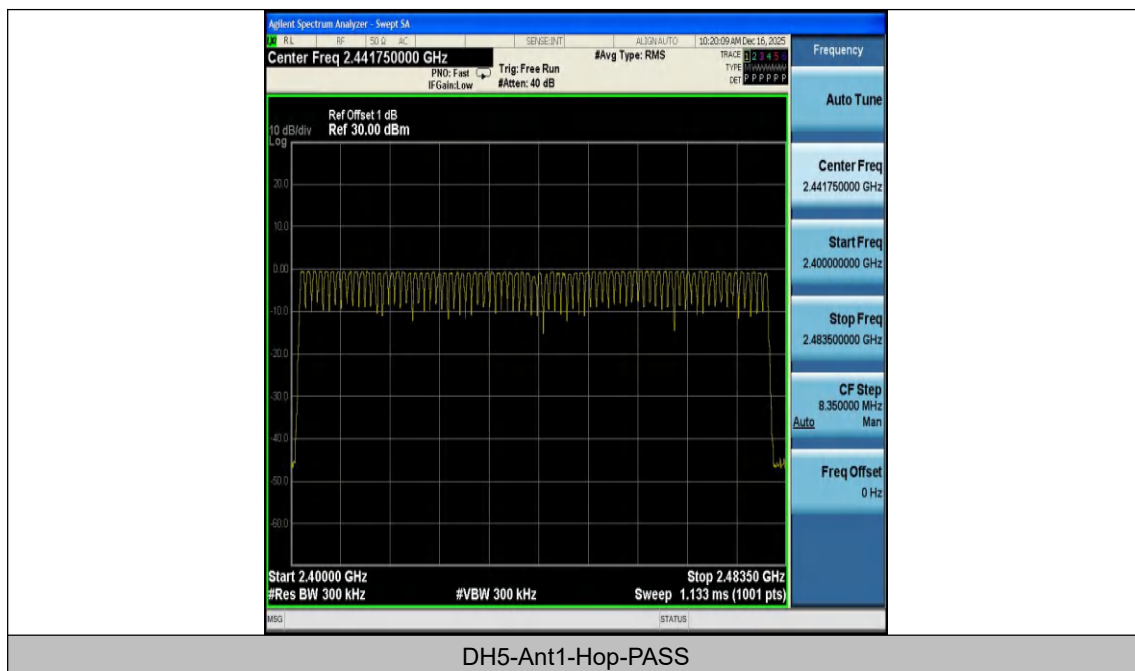
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Appendix F: Number of Hopping Channel

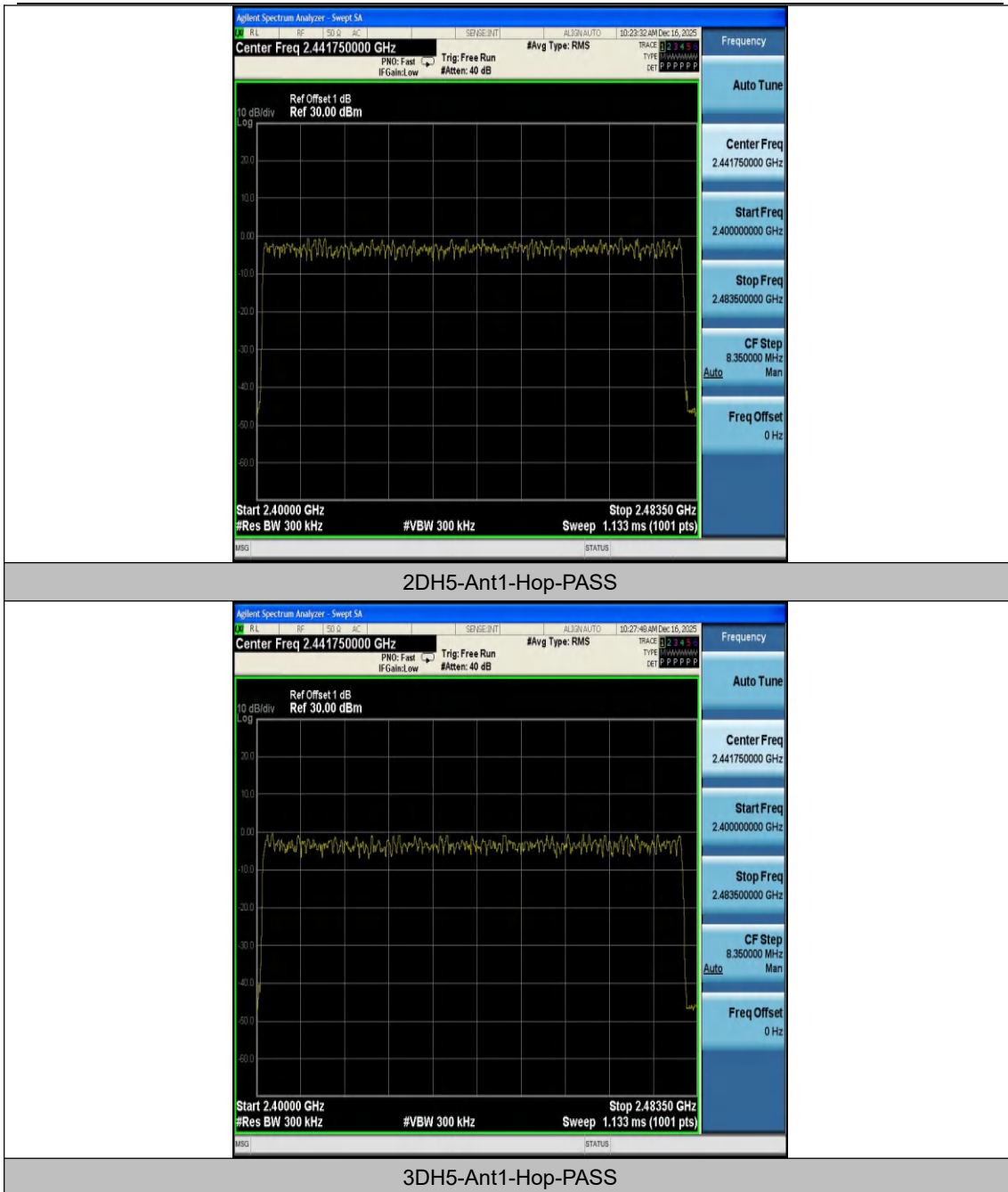
Test Result

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



DH5-Ant1-Hop-PASS



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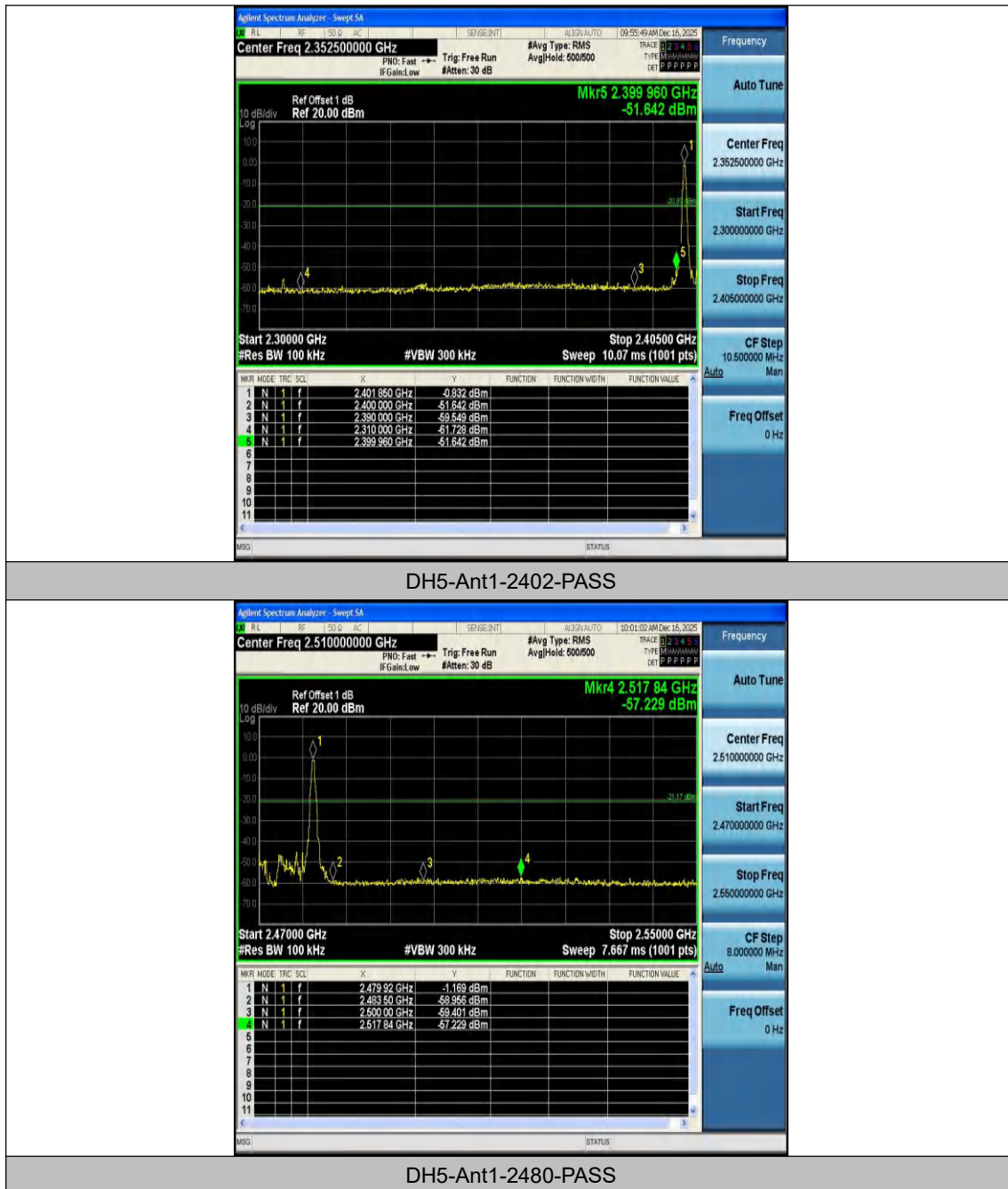
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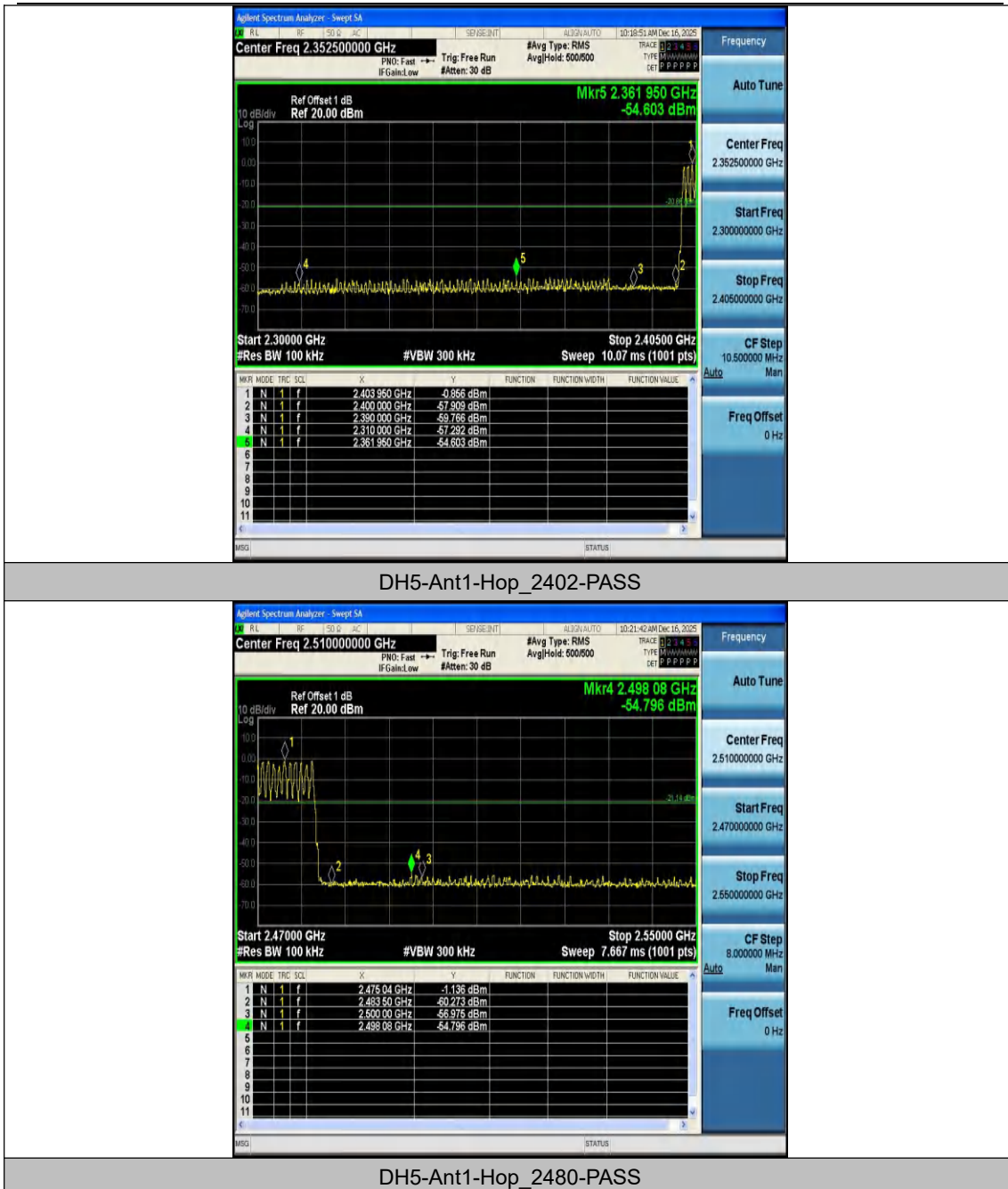
Appendix G: Conducted Band edge

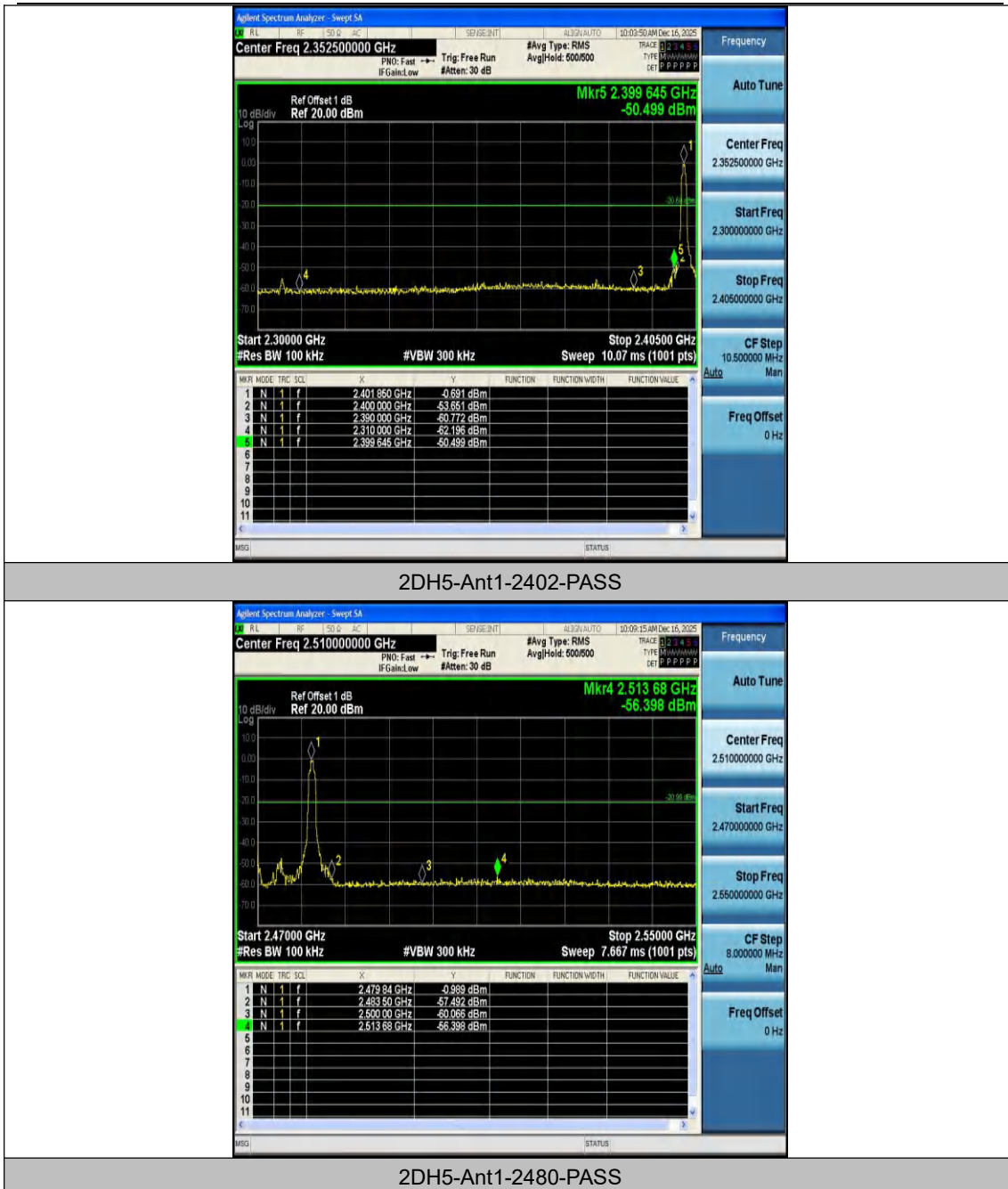
Test Result

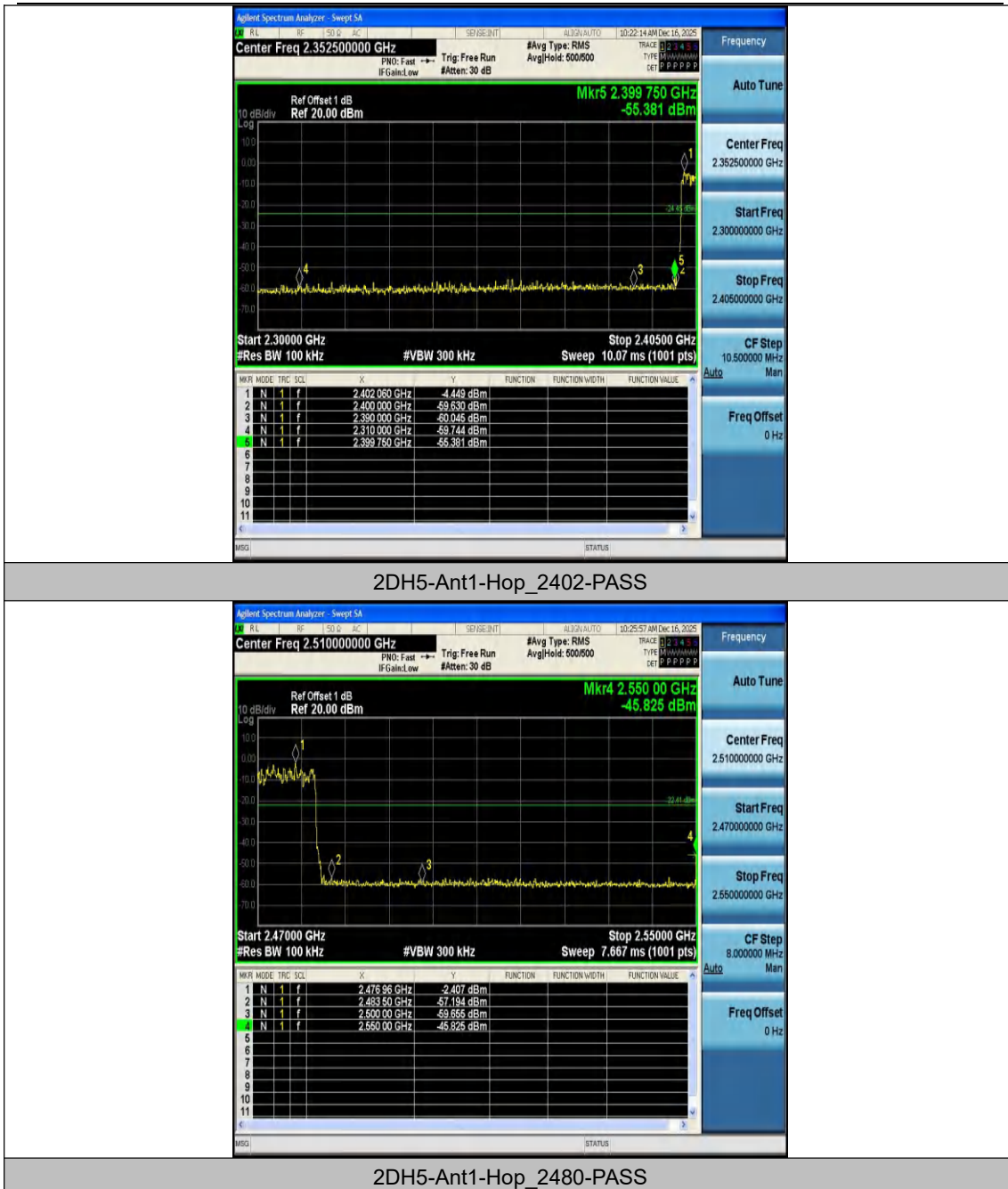
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.83	-51.64	≤-20.83	PASS
DH5	Ant1	High	2480	-1.17	-57.23	≤-21.17	PASS
DH5	Ant1	Low	Hop_2402	-0.86	-54.6	≤-20.86	PASS
DH5	Ant1	High	Hop_2480	-1.14	-54.8	≤-21.14	PASS
2DH5	Ant1	Low	2402	-0.69	-50.5	≤-20.69	PASS
2DH5	Ant1	High	2480	-0.99	-56.4	≤-20.99	PASS
2DH5	Ant1	Low	Hop_2402	-4.45	-55.38	≤-24.45	PASS
2DH5	Ant1	High	Hop_2480	-2.41	-45.83	≤-22.41	PASS
3DH5	Ant1	Low	2402	-0.78	-52.71	≤-20.78	PASS
3DH5	Ant1	High	2480	-0.97	-56.87	≤-20.97	PASS
3DH5	Ant1	Low	Hop_2402	-0.79	-55.15	≤-20.79	PASS
3DH5	Ant1	High	Hop_2480	-1.97	-54.75	≤-21.97	PASS

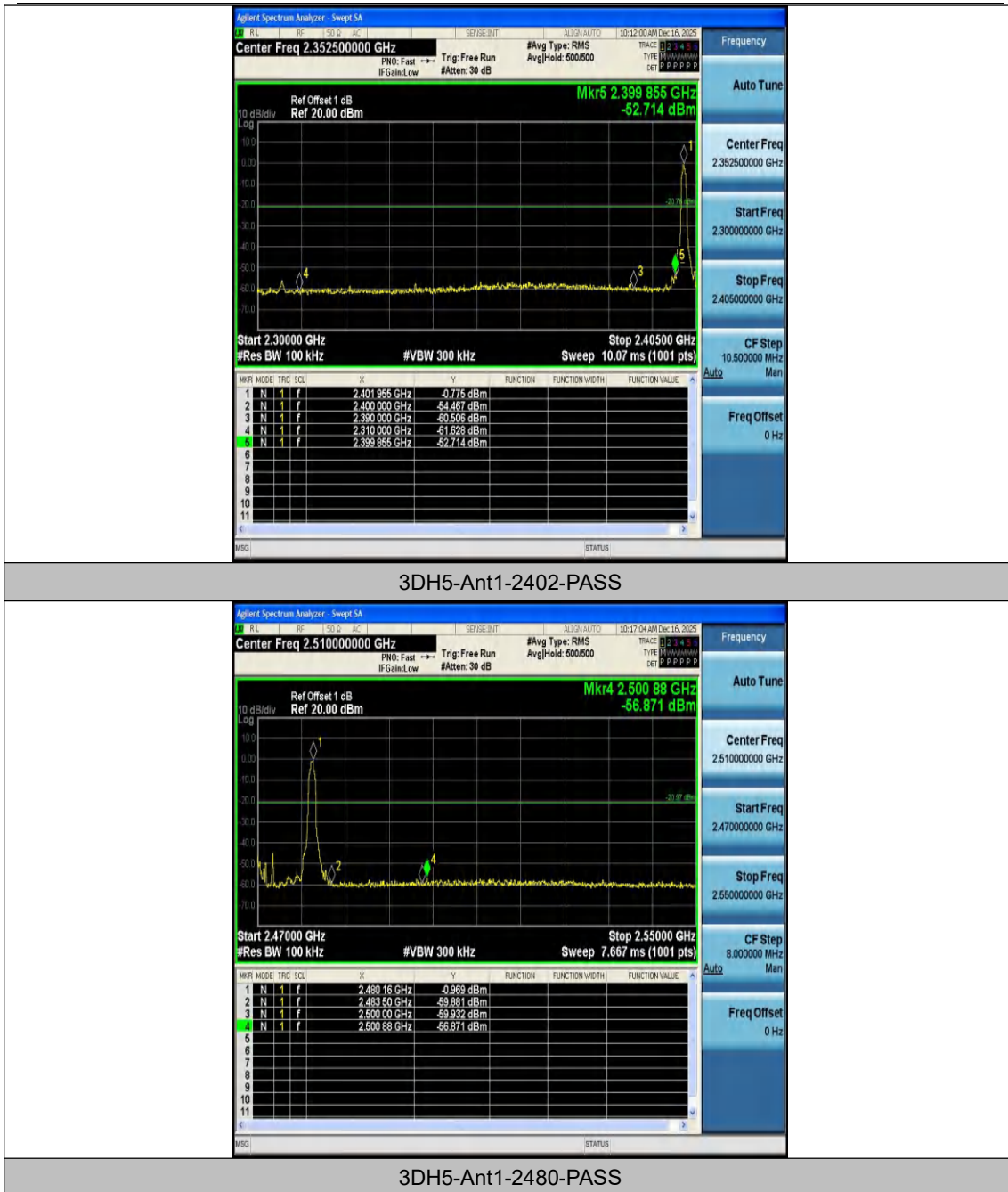
Test Graphs

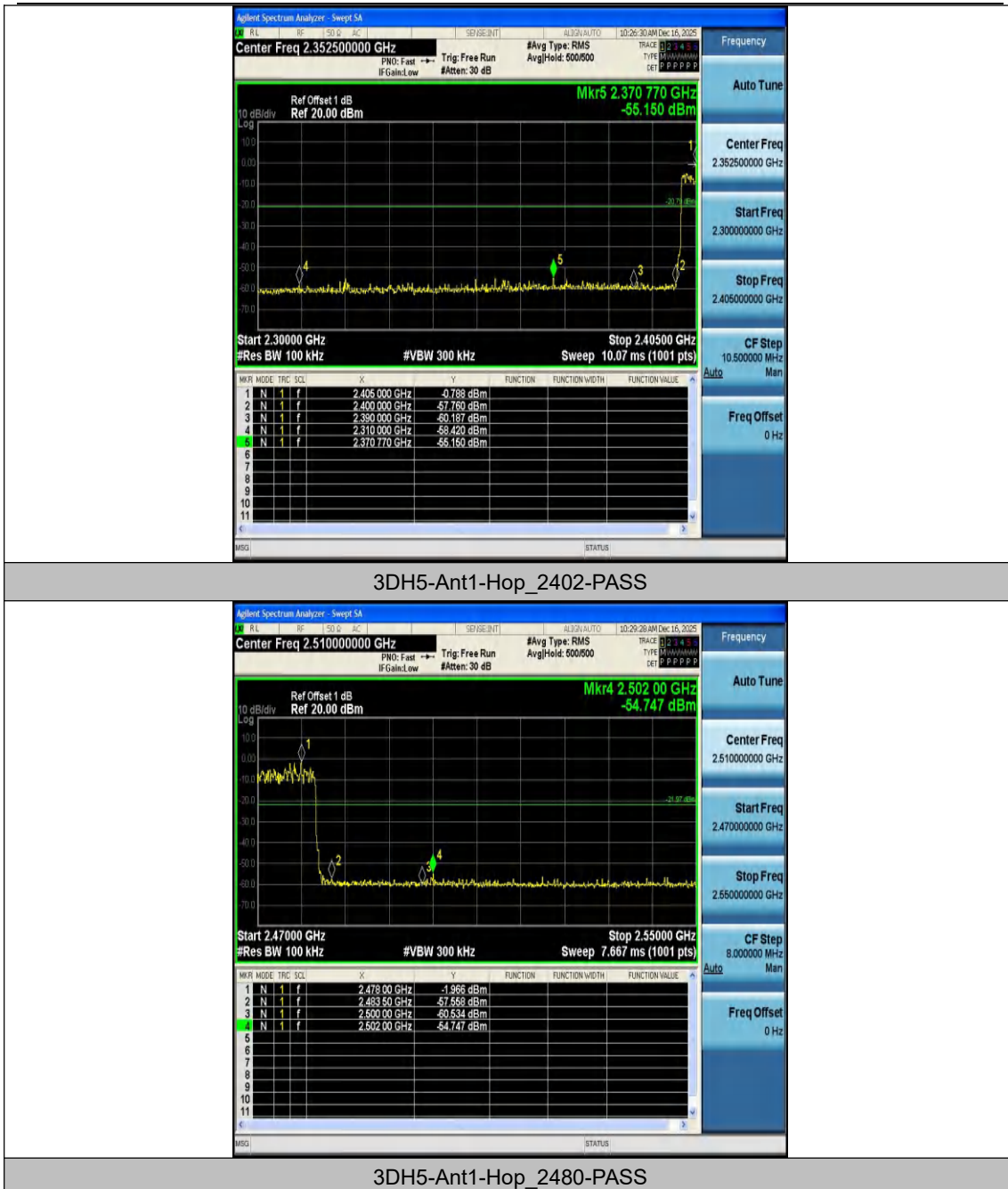












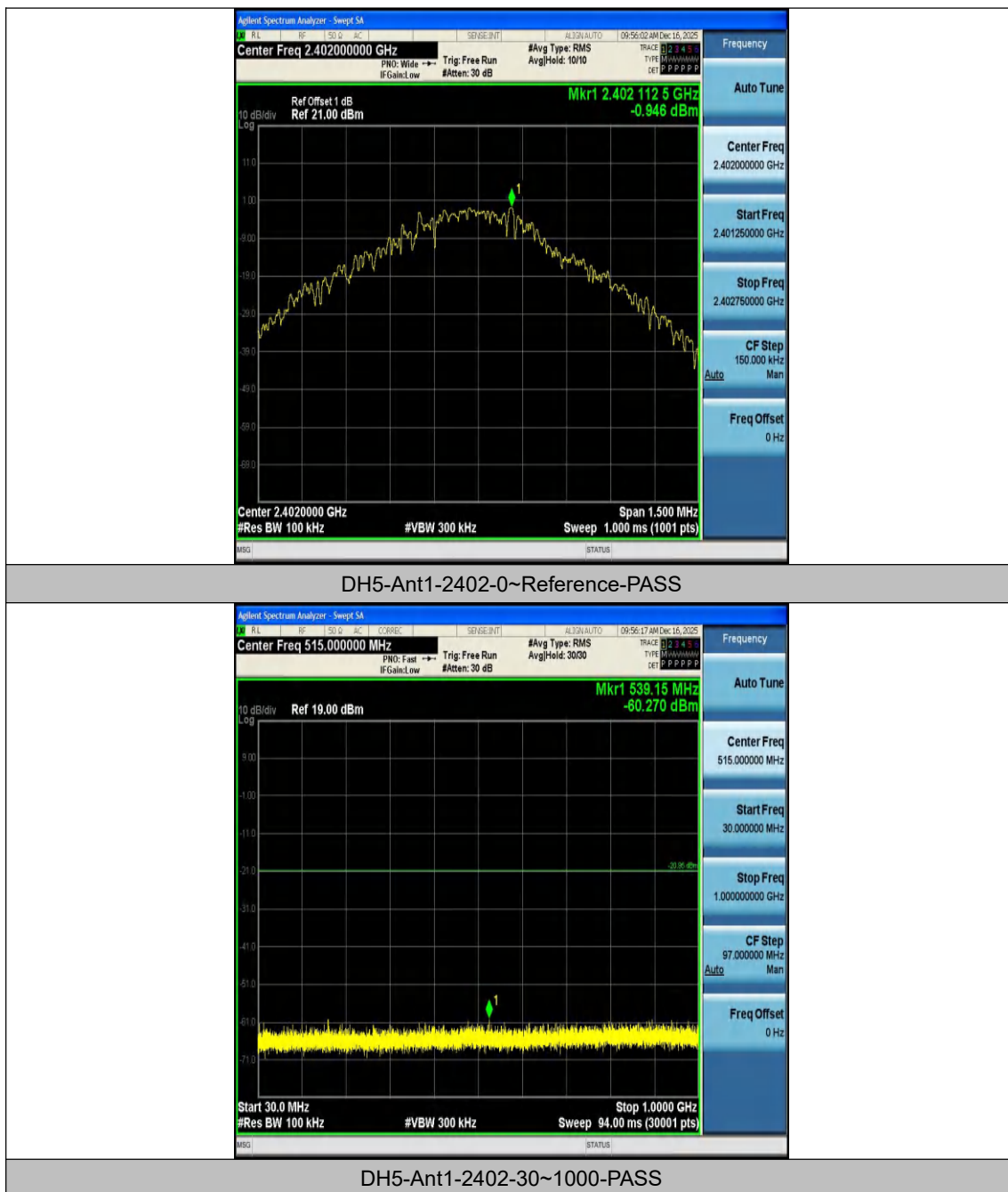
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.95	-0.95	---	PASS
DH5	Ant1	2402	30~1000	-0.95	-60.27	≤-20.95	PASS
DH5	Ant1	2402	1000~26500	-0.95	-46.33	≤-20.95	PASS
DH5	Ant1	2441	0~Reference	-1.56	-1.56	---	PASS
DH5	Ant1	2441	30~1000	-1.56	-59.24	≤-21.56	PASS
DH5	Ant1	2441	1000~26500	-1.56	-45.62	≤-21.56	PASS
DH5	Ant1	2480	0~Reference	-1.53	-1.53	---	PASS
DH5	Ant1	2480	30~1000	-1.53	-59.97	≤-21.53	PASS
DH5	Ant1	2480	1000~26500	-1.53	-46.12	≤-21.53	PASS
2DH5	Ant1	2402	0~Reference	-1.92	-1.92	---	PASS
2DH5	Ant1	2402	30~1000	-1.92	-59.64	≤-21.92	PASS
2DH5	Ant1	2402	1000~26500	-1.92	-45.52	≤-21.92	PASS
2DH5	Ant1	2441	0~Reference	-5.01	-5.01	---	PASS
2DH5	Ant1	2441	30~1000	-5.01	-59.22	≤-25.01	PASS
2DH5	Ant1	2441	1000~26500	-5.01	-46.11	≤-25.01	PASS
2DH5	Ant1	2480	0~Reference	-1.15	-1.15	---	PASS
2DH5	Ant1	2480	30~1000	-1.15	-60.11	≤-21.15	PASS
2DH5	Ant1	2480	1000~26500	-1.15	-45.74	≤-21.15	PASS
3DH5	Ant1	2402	0~Reference	-1.97	-1.97	---	PASS
3DH5	Ant1	2402	30~1000	-1.97	-60.36	≤-21.97	PASS
3DH5	Ant1	2402	1000~26500	-1.97	-46.08	≤-21.97	PASS
3DH5	Ant1	2441	0~Reference	-4.77	-4.77	---	PASS
3DH5	Ant1	2441	30~1000	-4.77	-60.23	≤-24.77	PASS
3DH5	Ant1	2441	1000~26500	-4.77	-46.21	≤-24.77	PASS
3DH5	Ant1	2480	0~Reference	-4.62	-4.62	---	PASS
3DH5	Ant1	2480	30~1000	-4.62	-59.23	≤-24.62	PASS
3DH5	Ant1	2480	1000~26500	-4.62	-45.9	≤-24.62	PASS

Remark: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

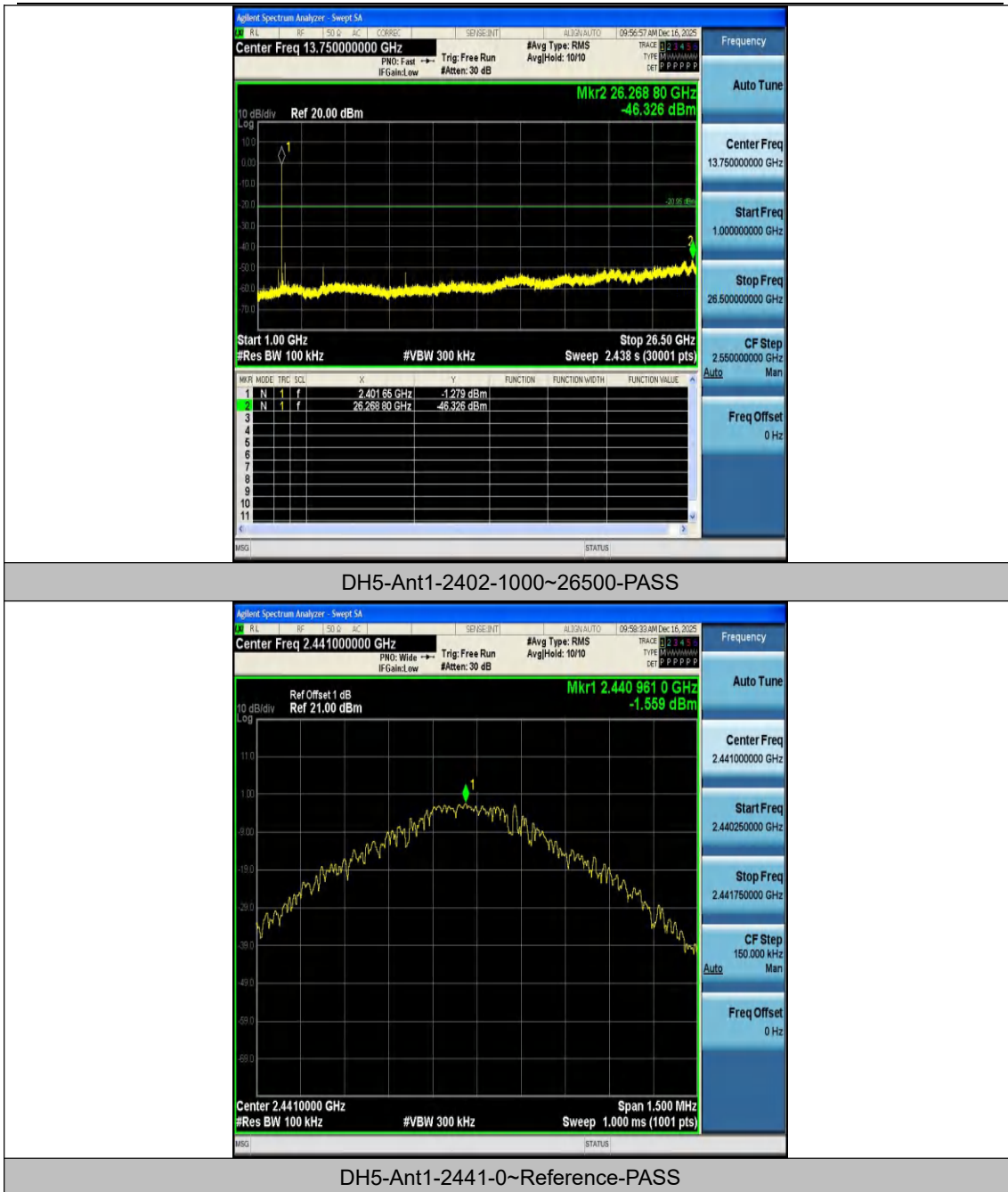
Test Graphs



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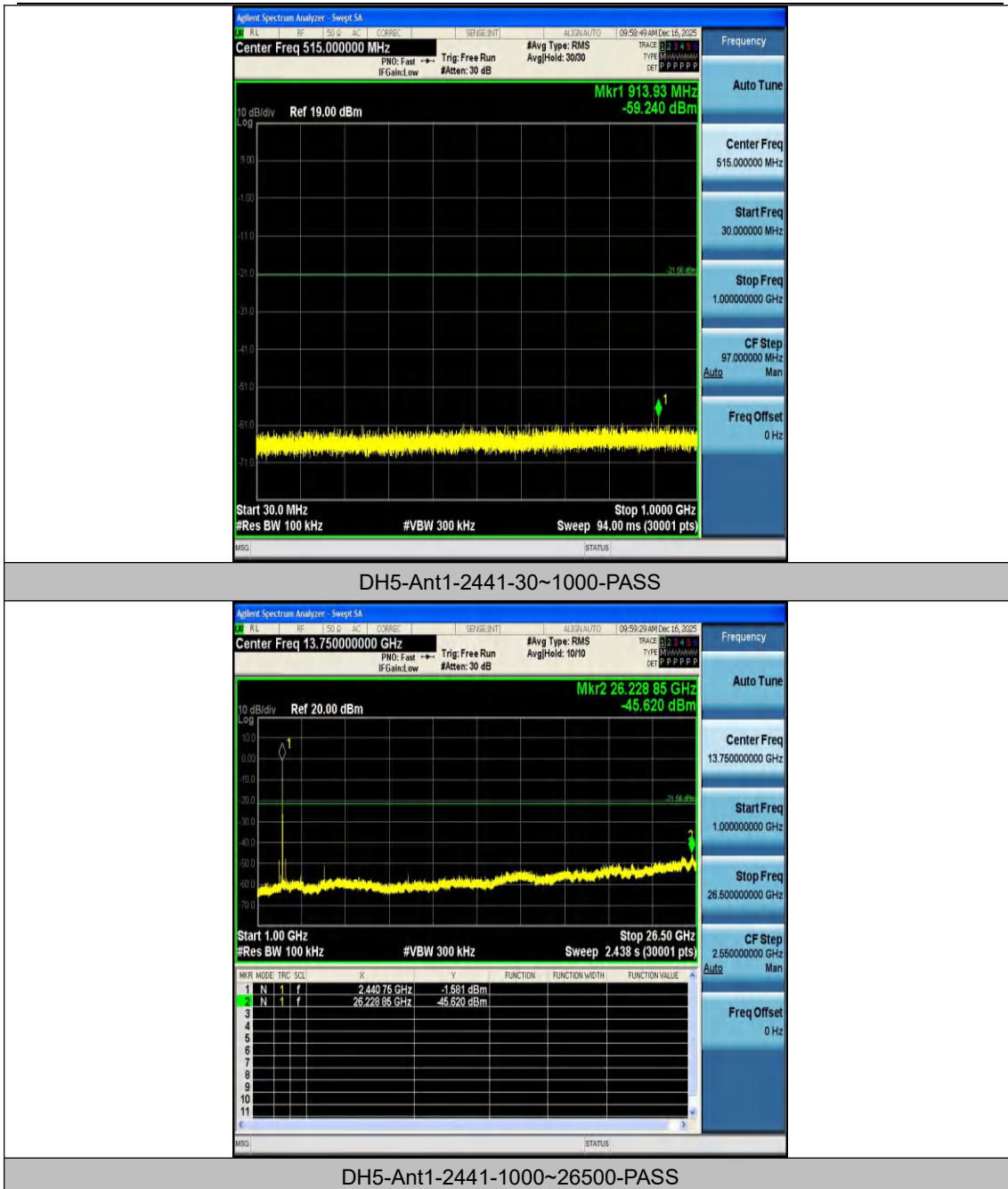
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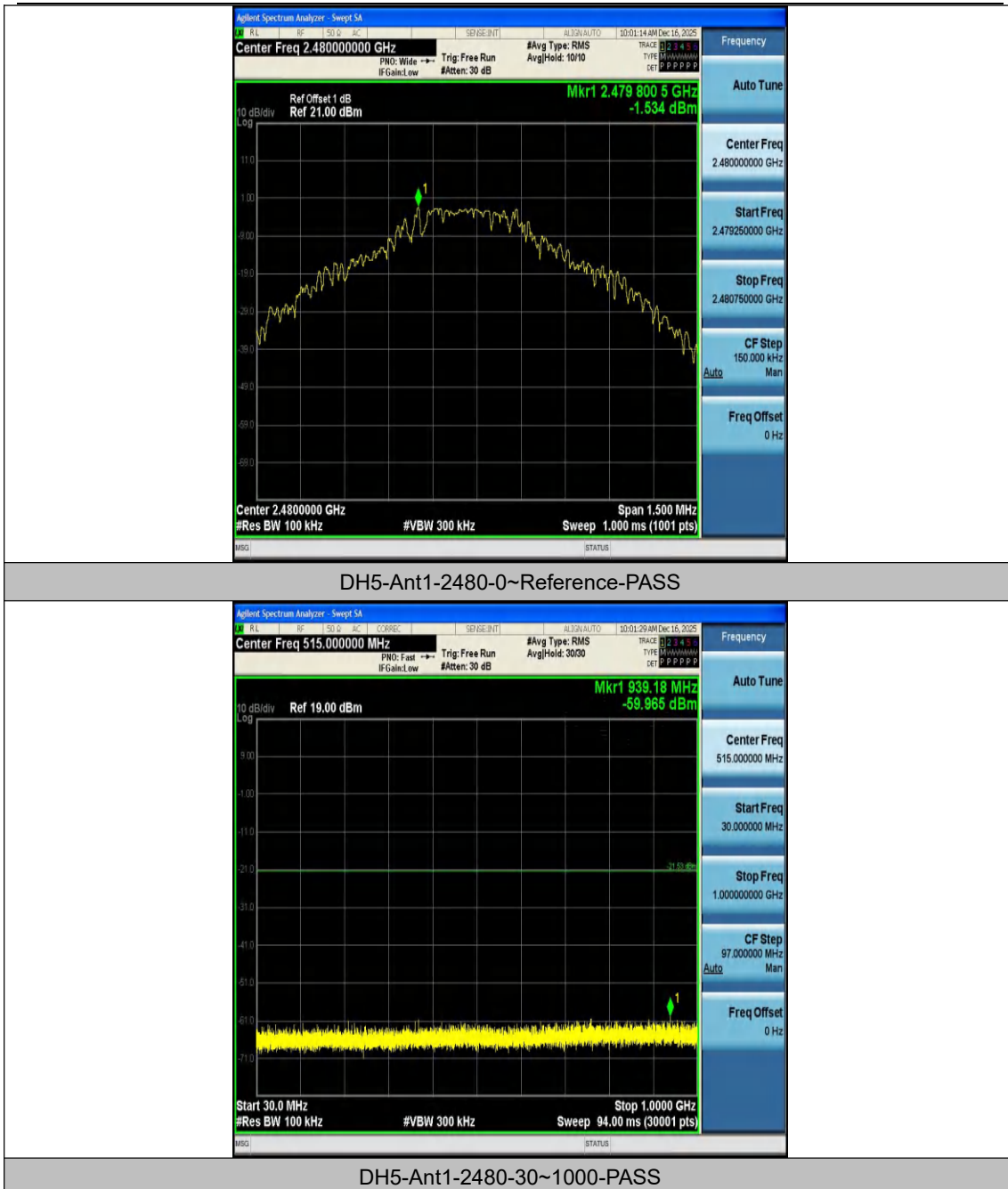
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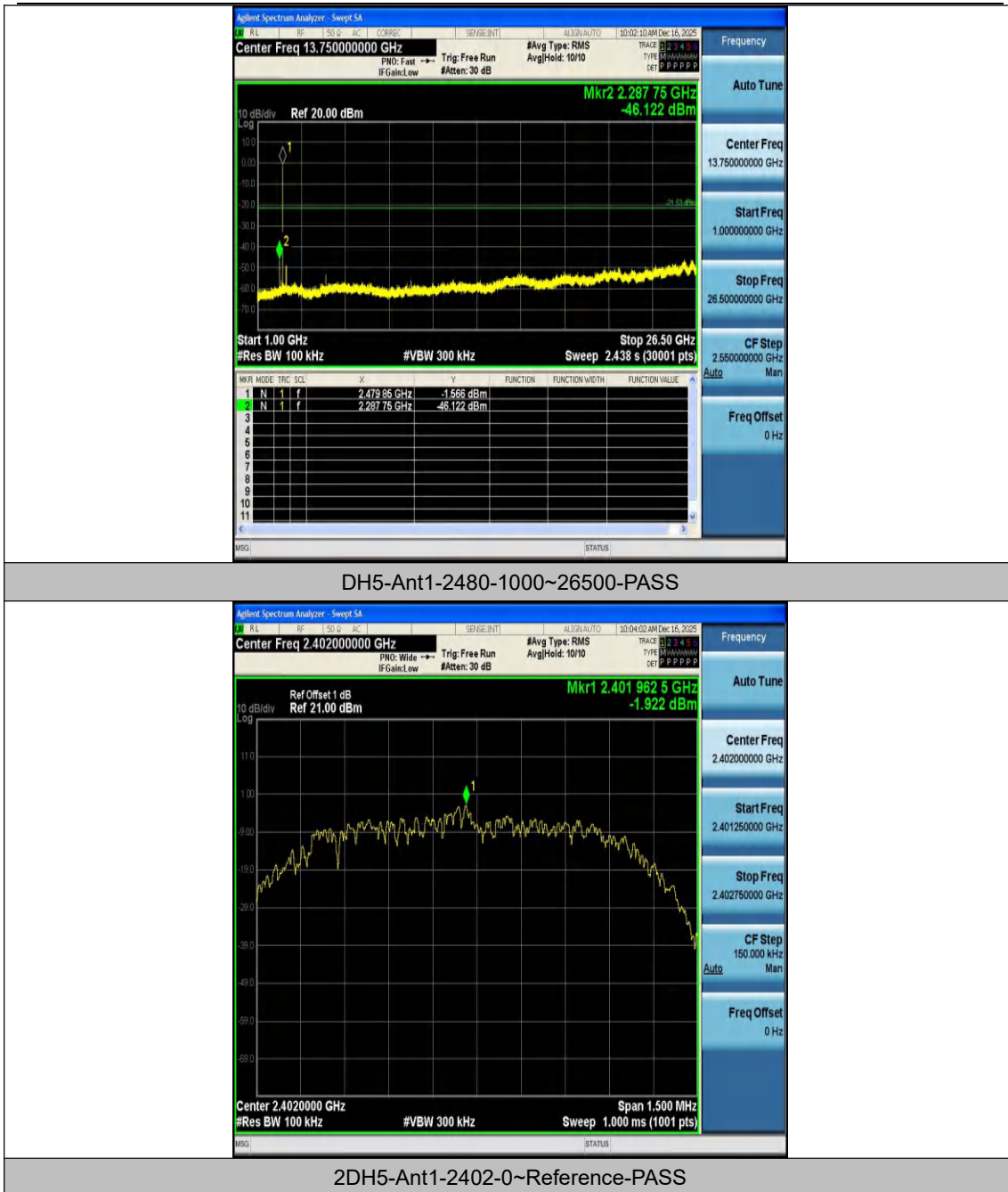
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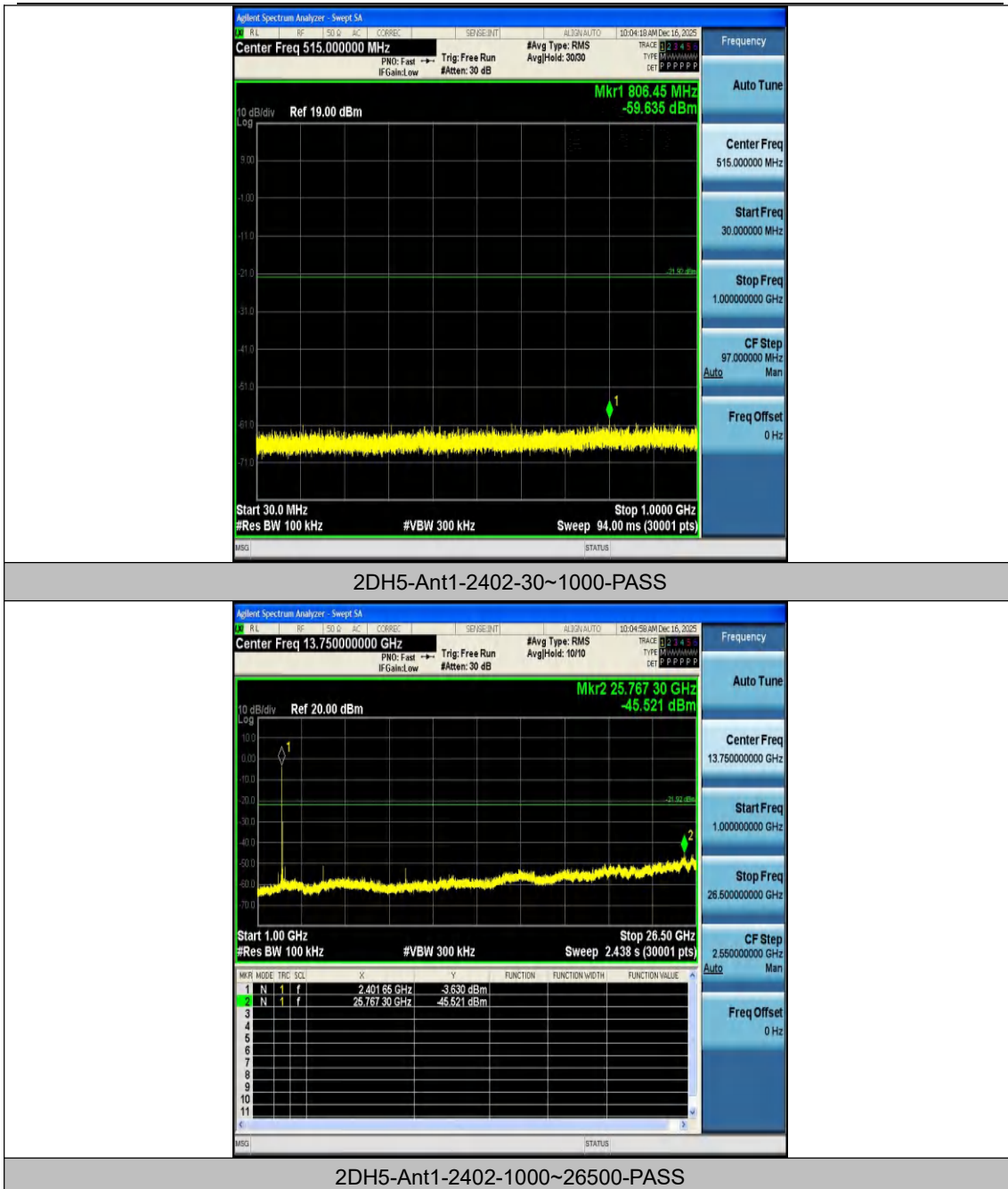


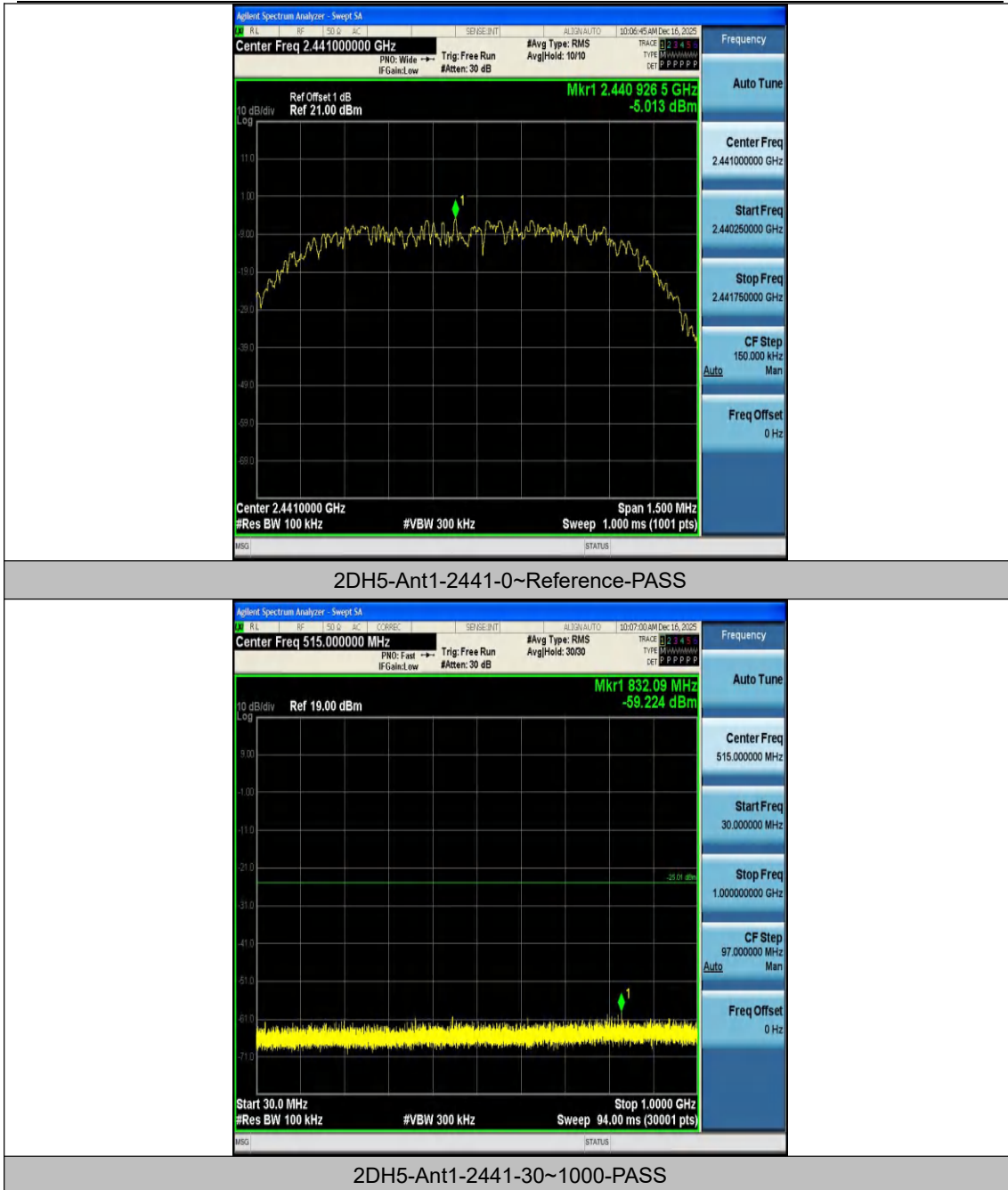
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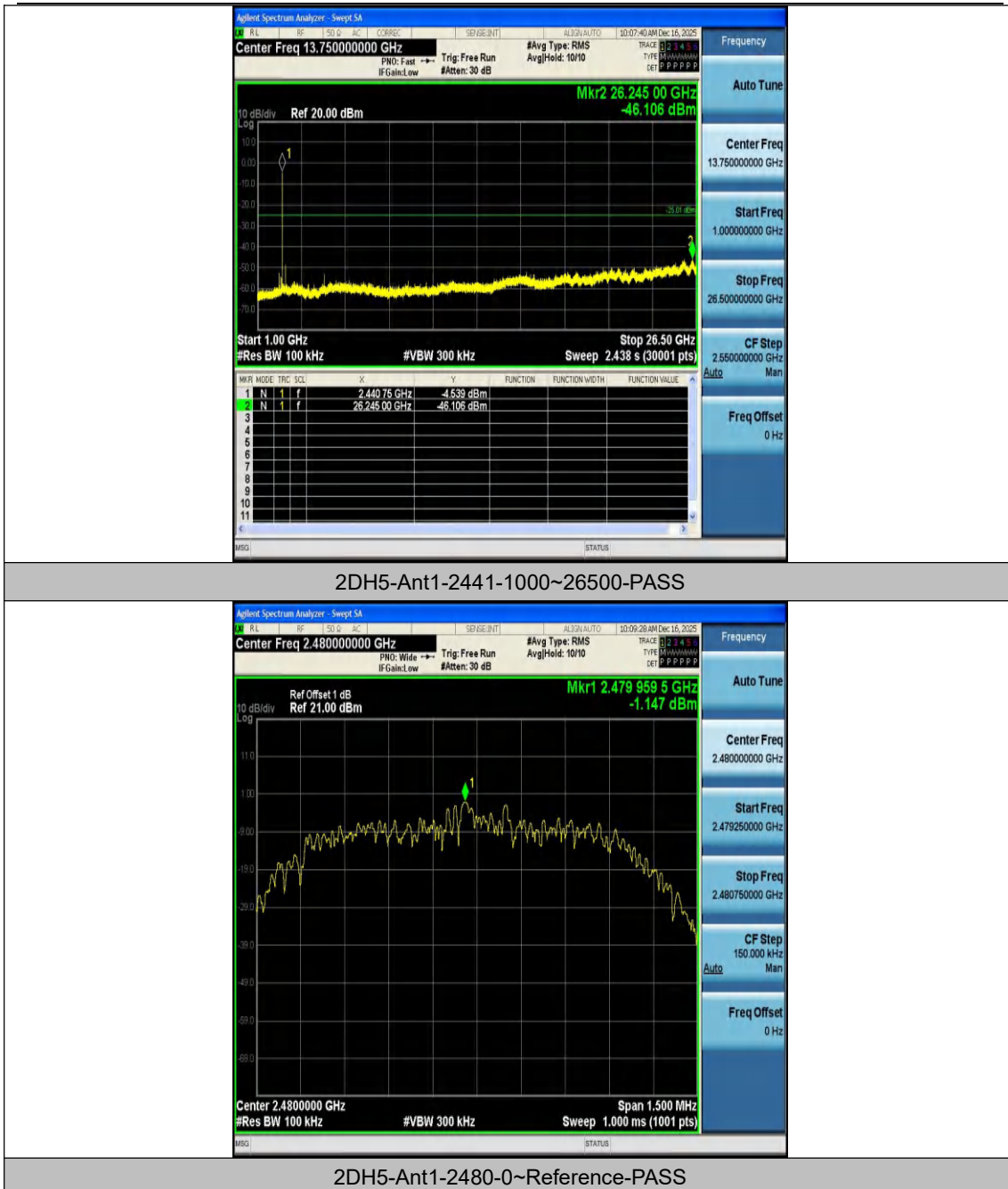




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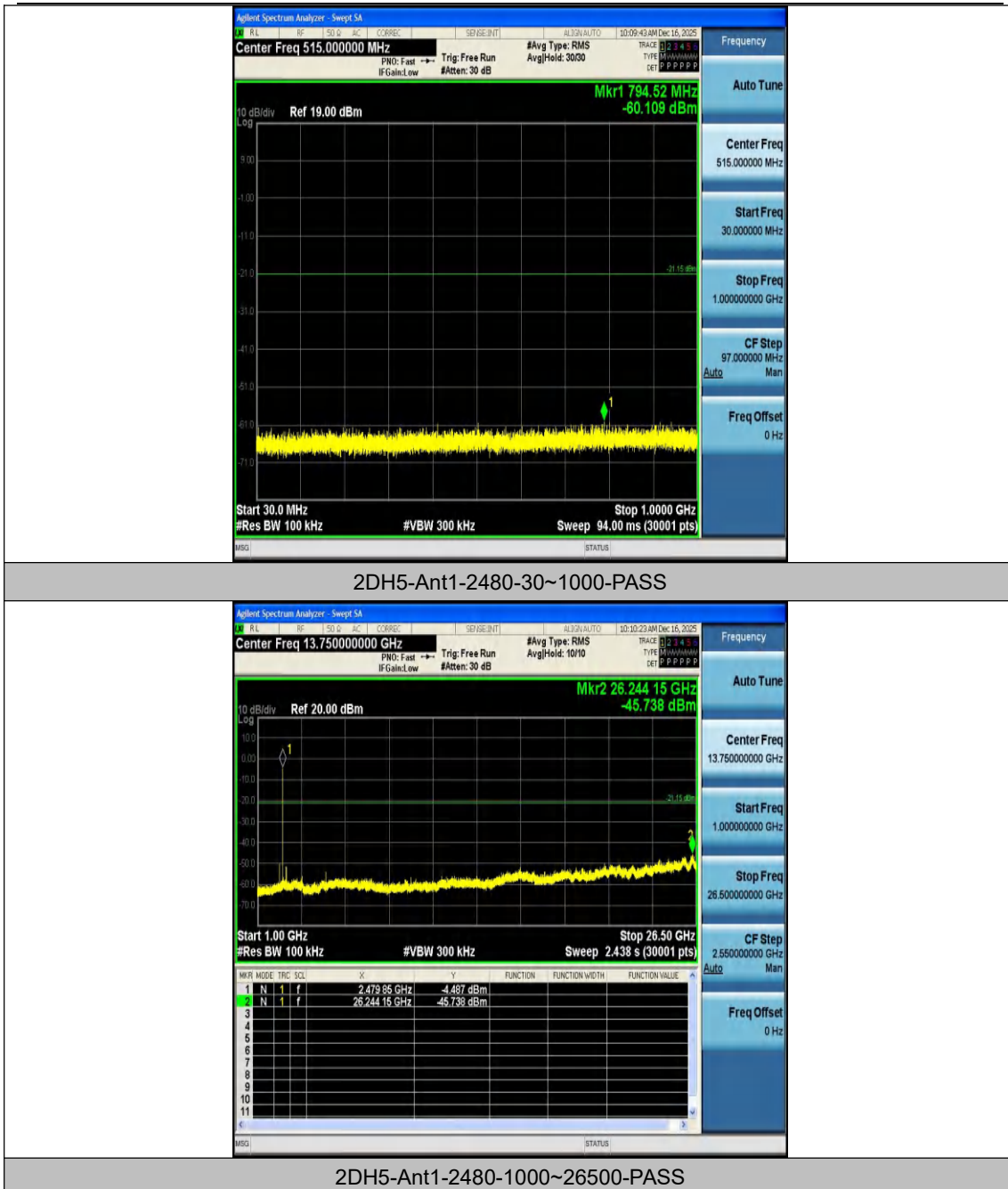
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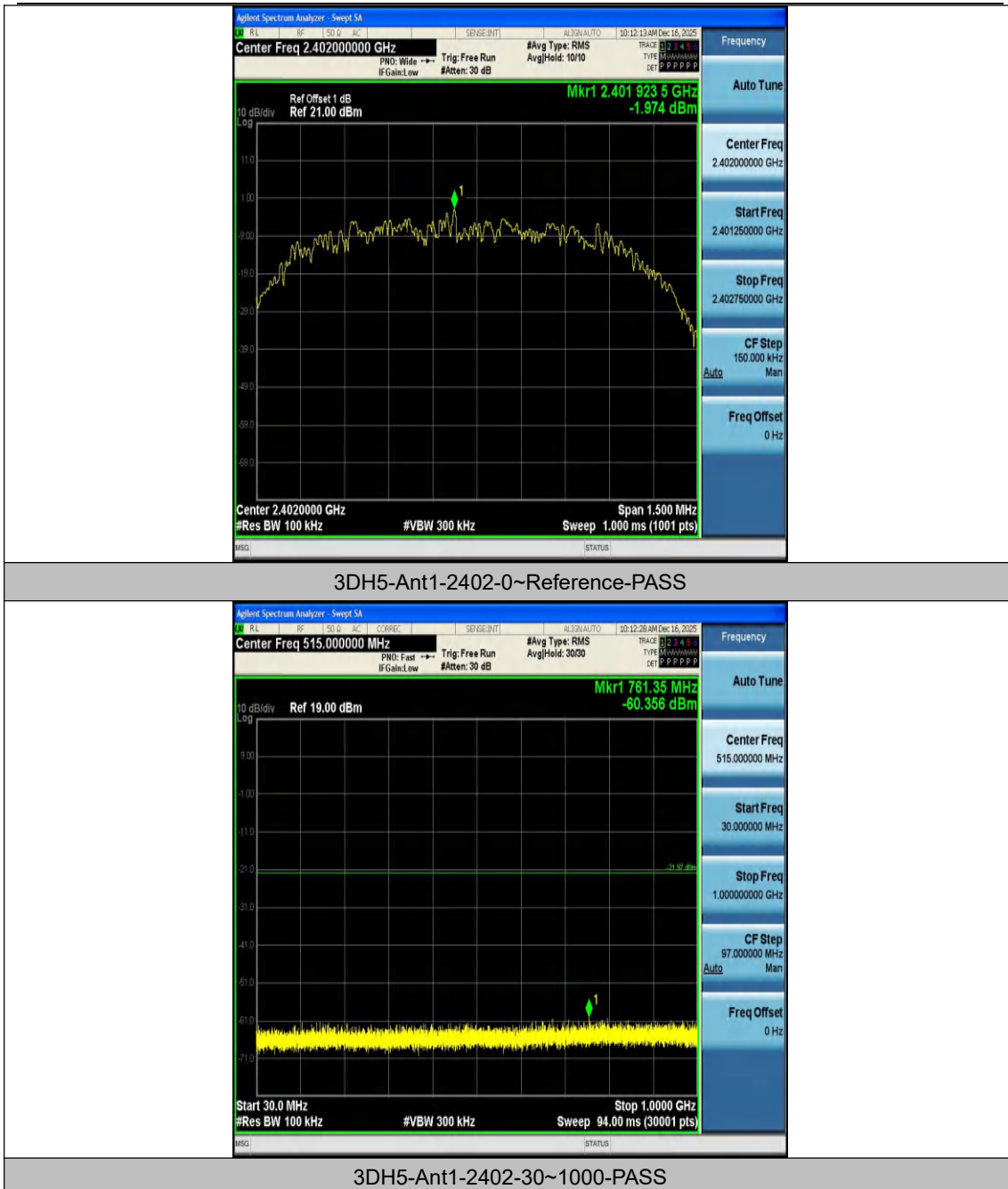


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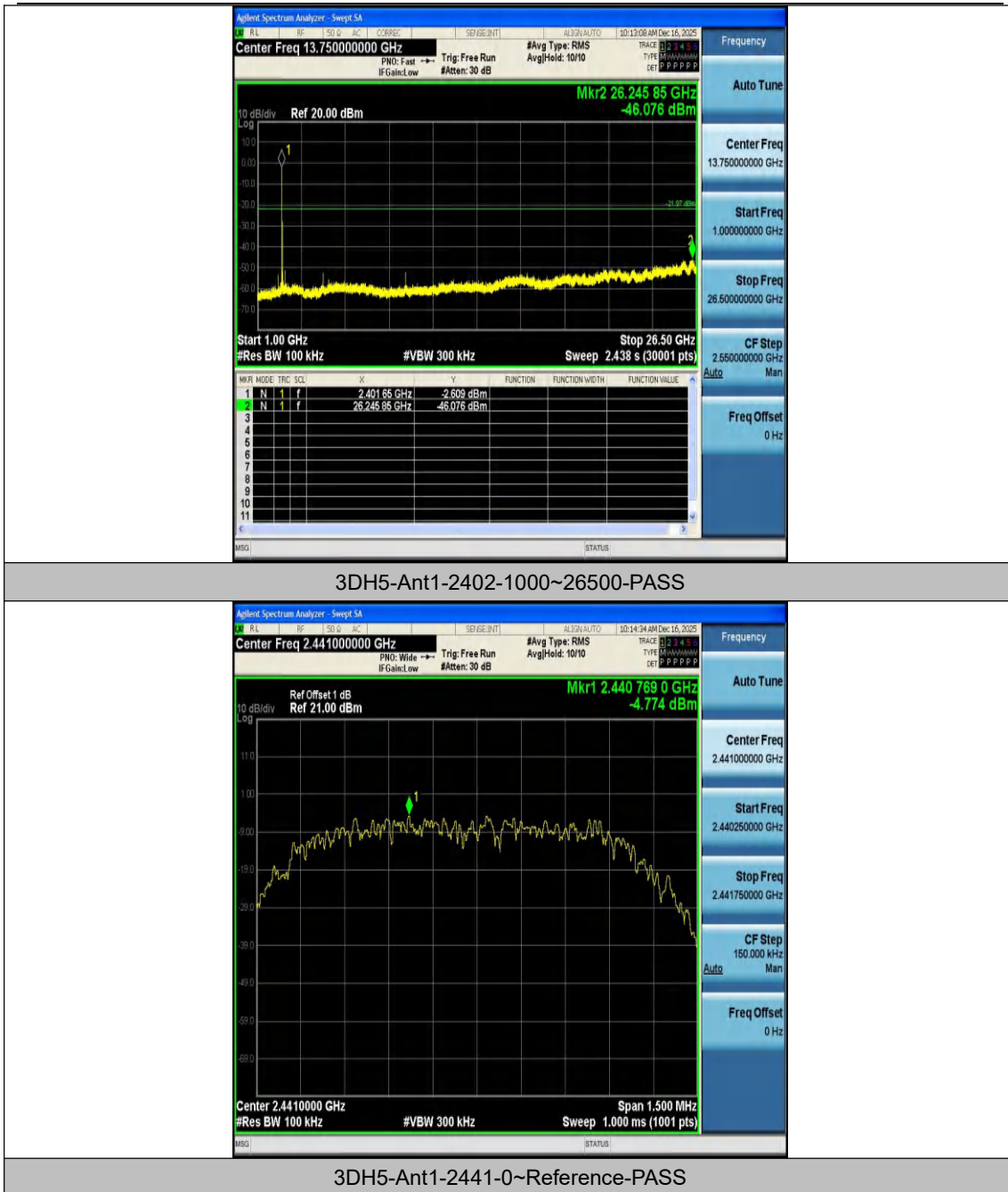




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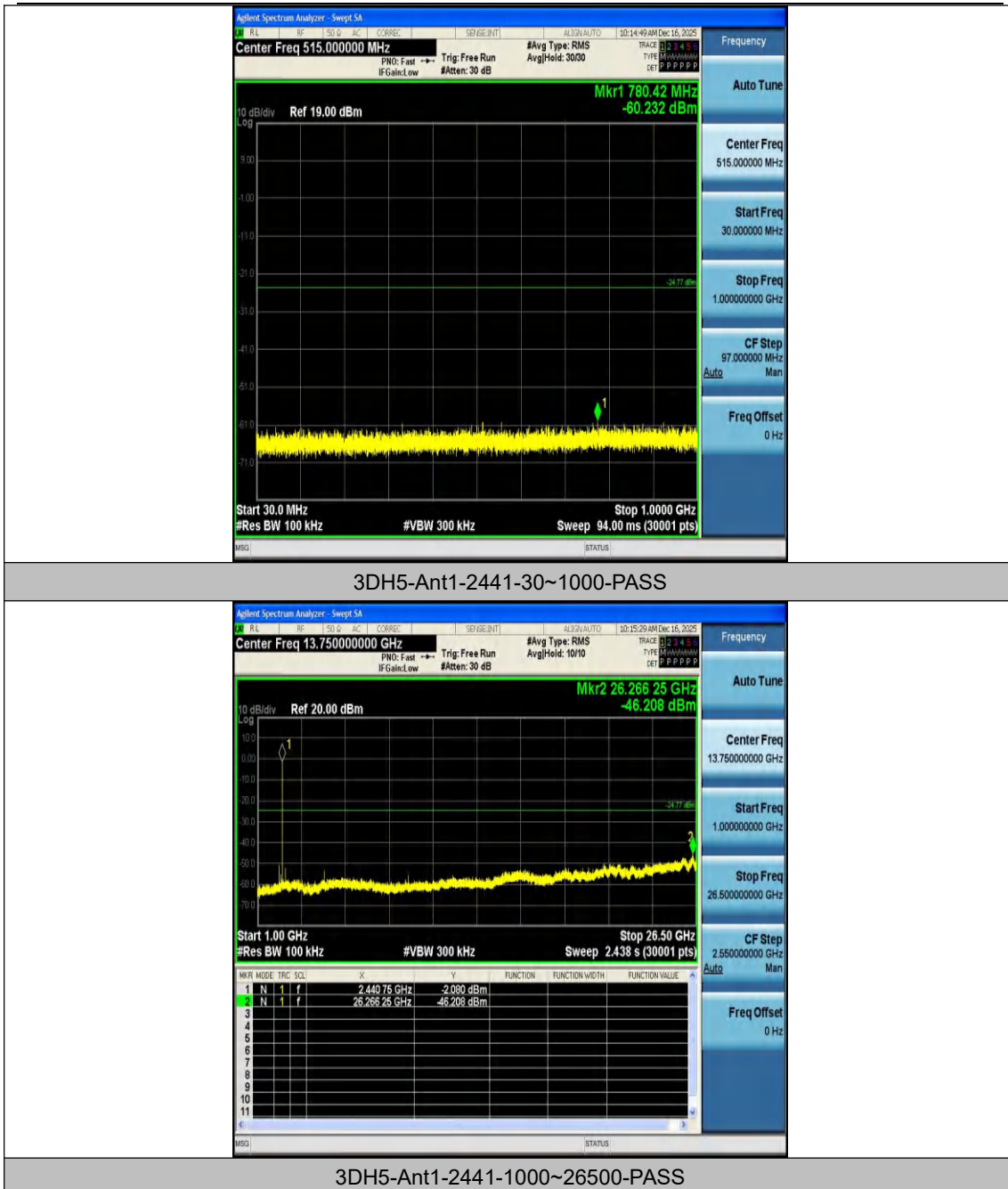
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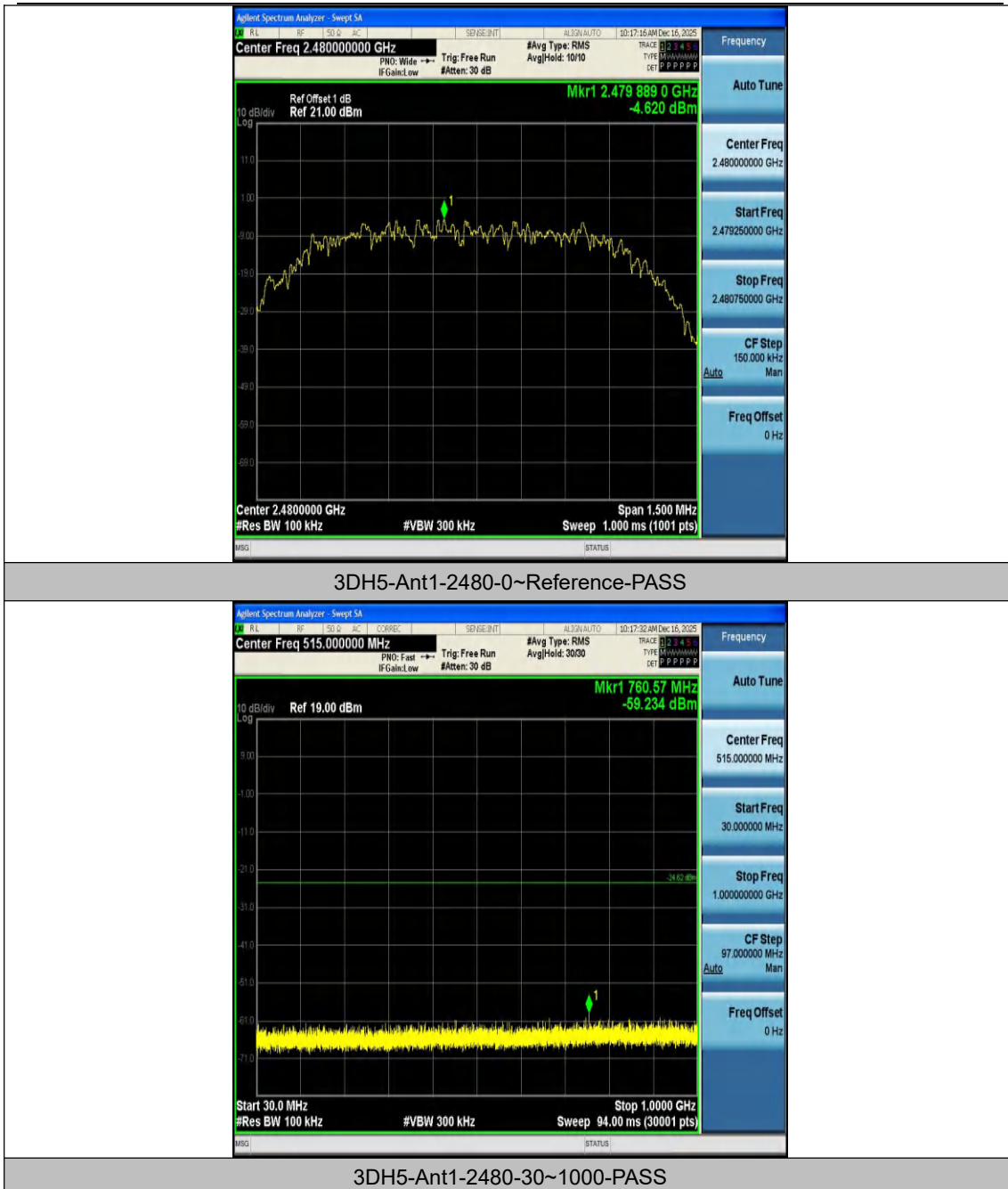
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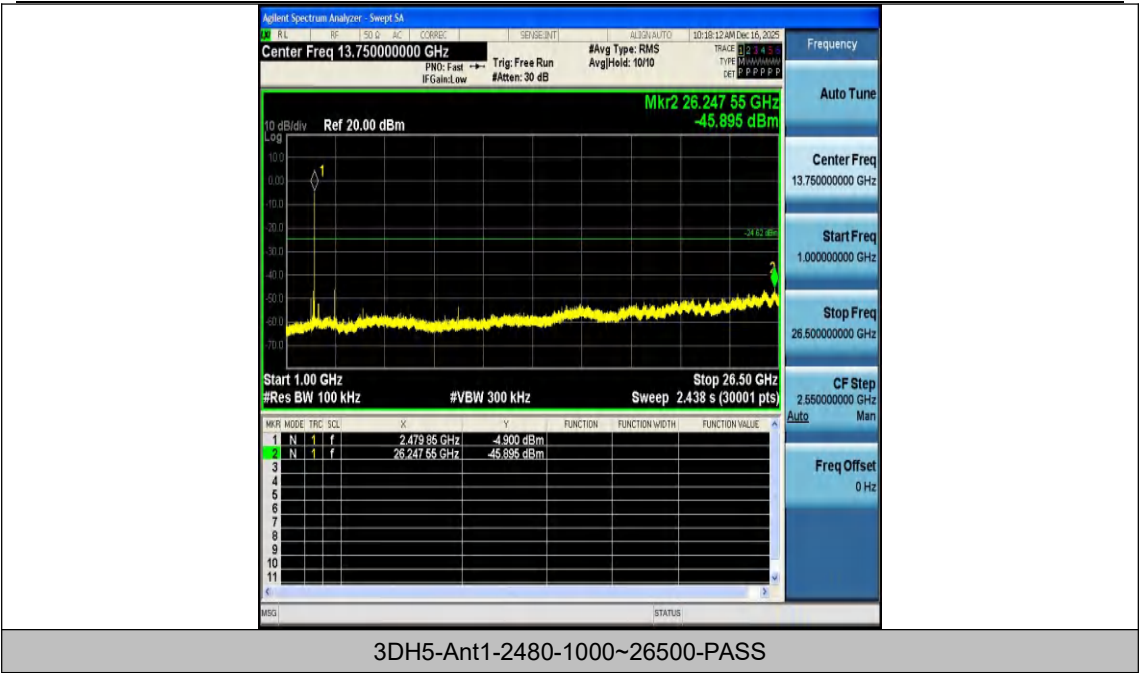
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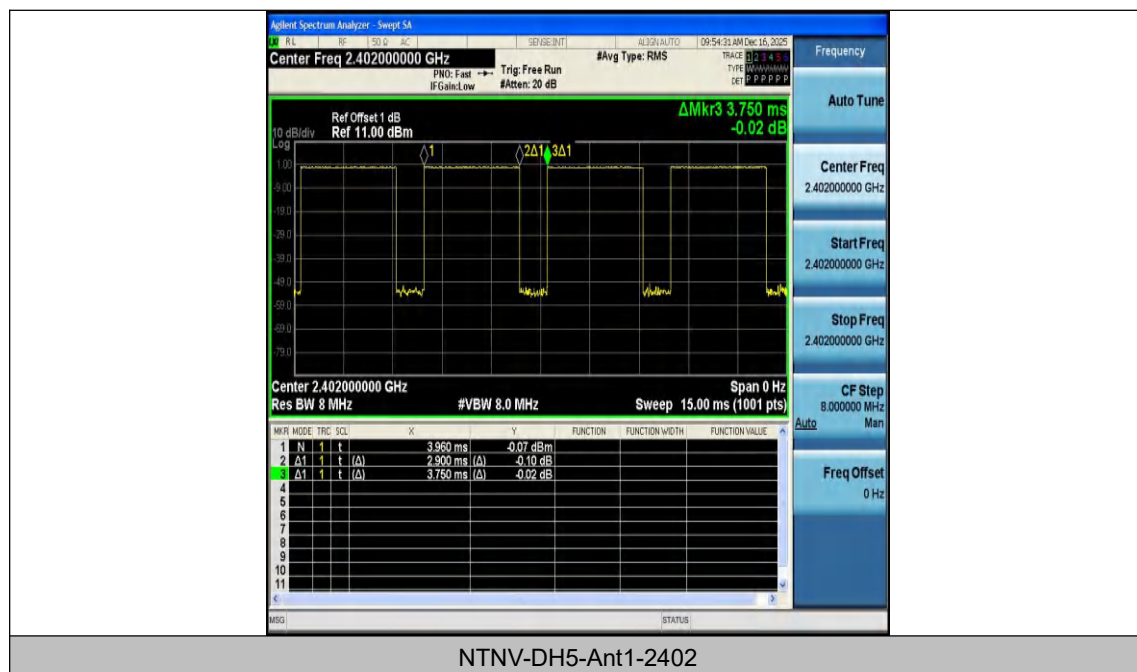
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

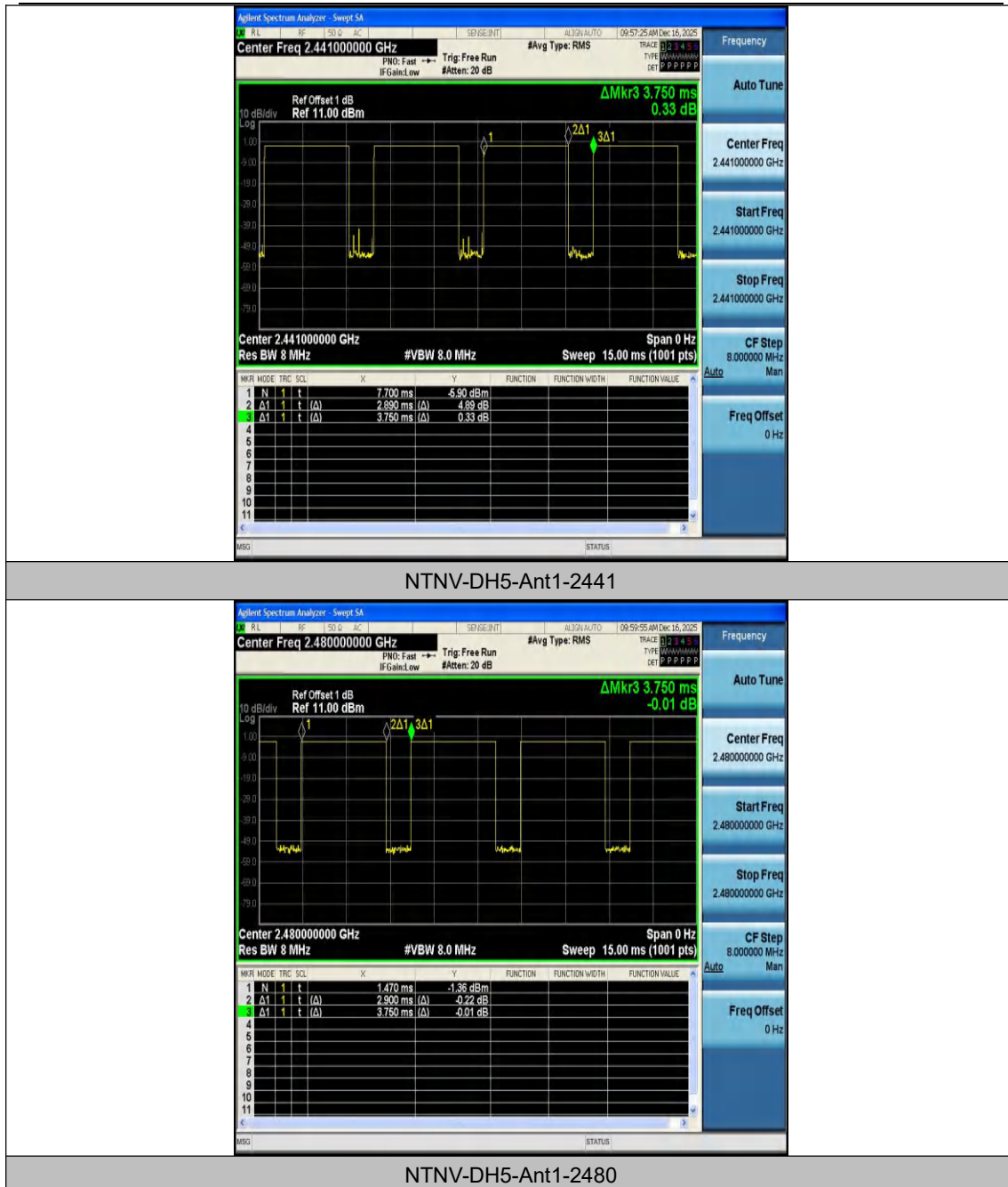
Appendix I: Duty Cycle

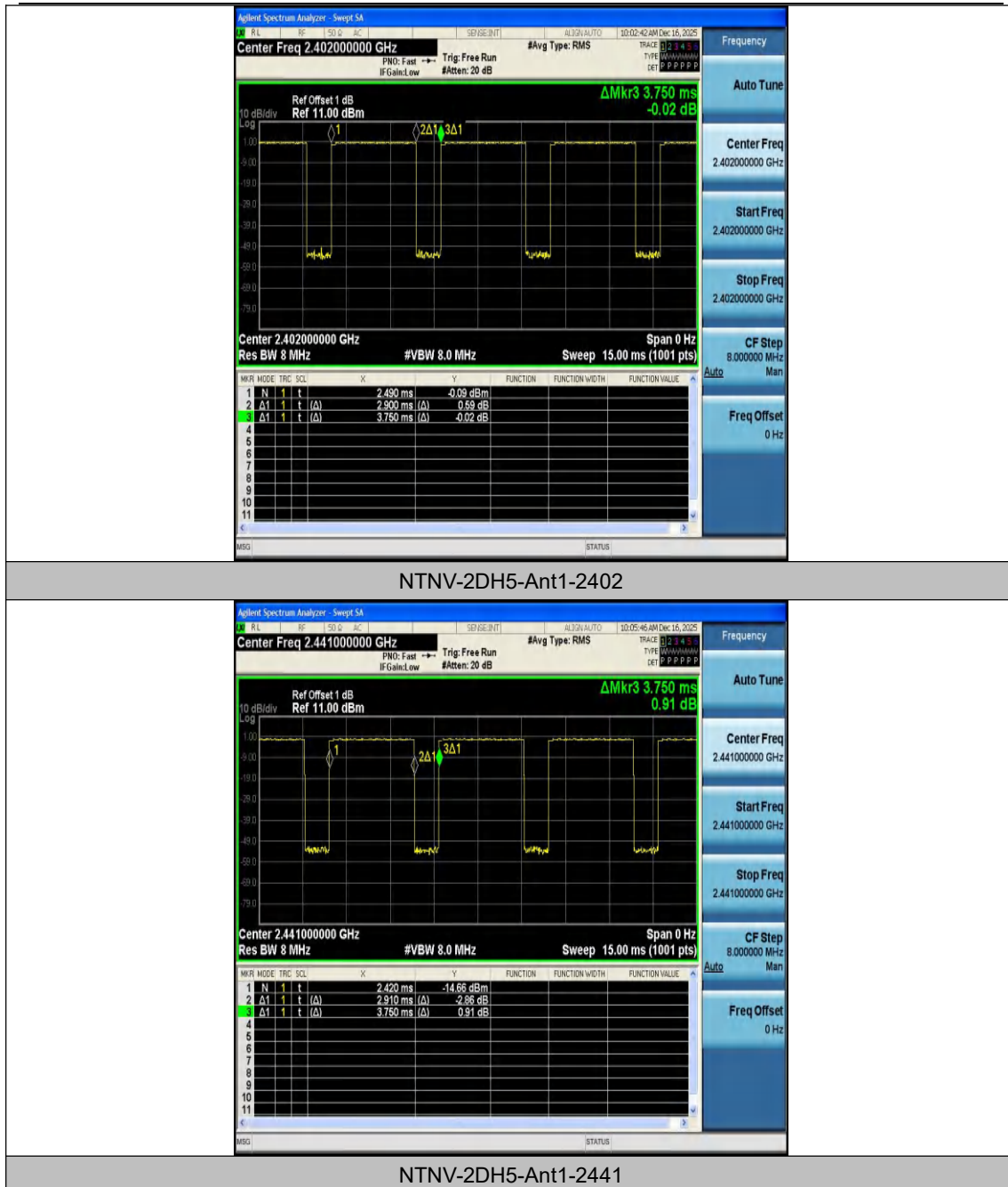
Test Result

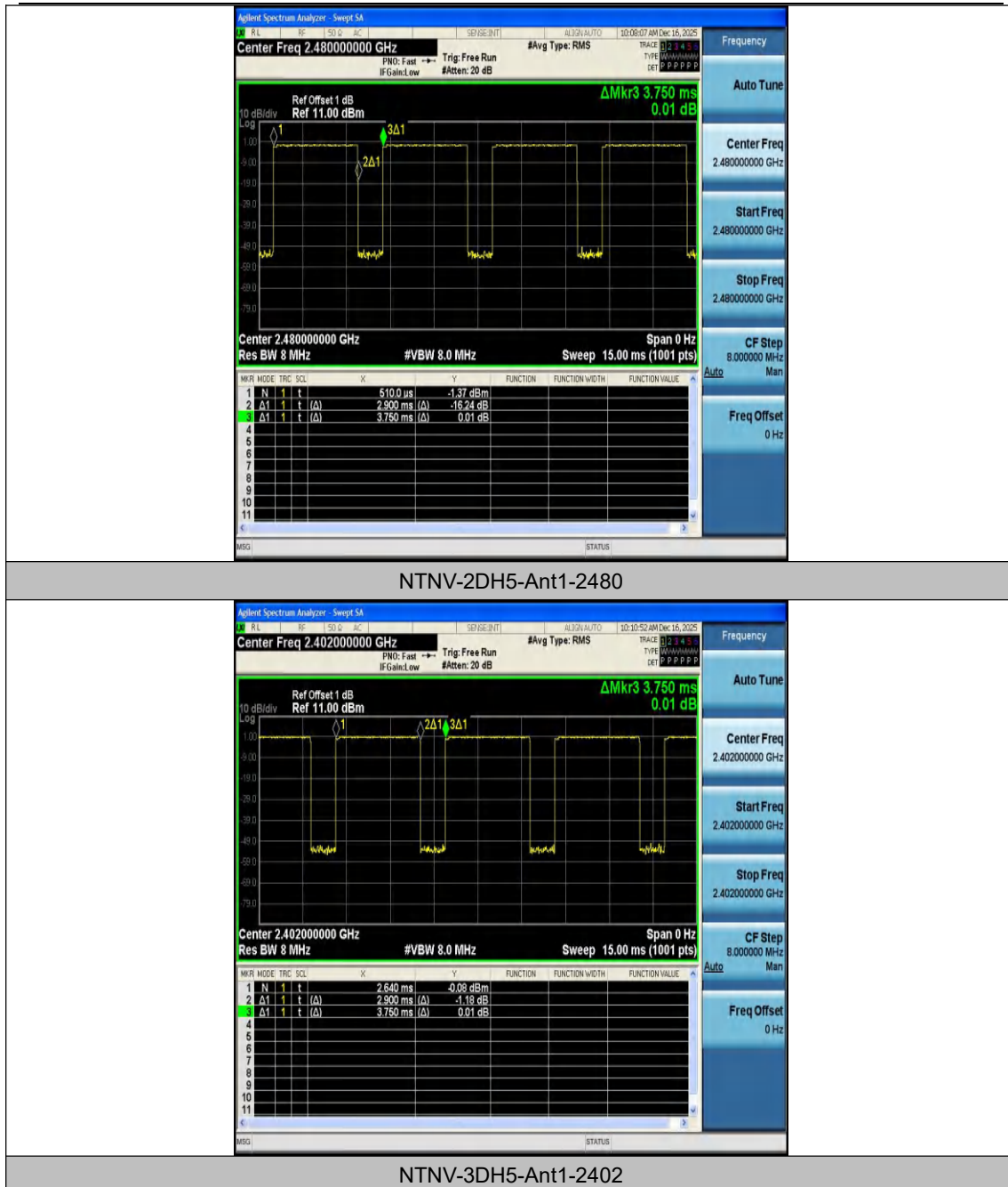
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.90	3.75	77.33	1.12
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.90	3.75	77.33	1.12
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.91	3.75	77.60	1.10
2DH5	Ant1	2480	2.90	3.75	77.33	1.12
3DH5	Ant1	2402	2.90	3.75	77.33	1.12
3DH5	Ant1	2441	2.90	3.75	77.33	1.12
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

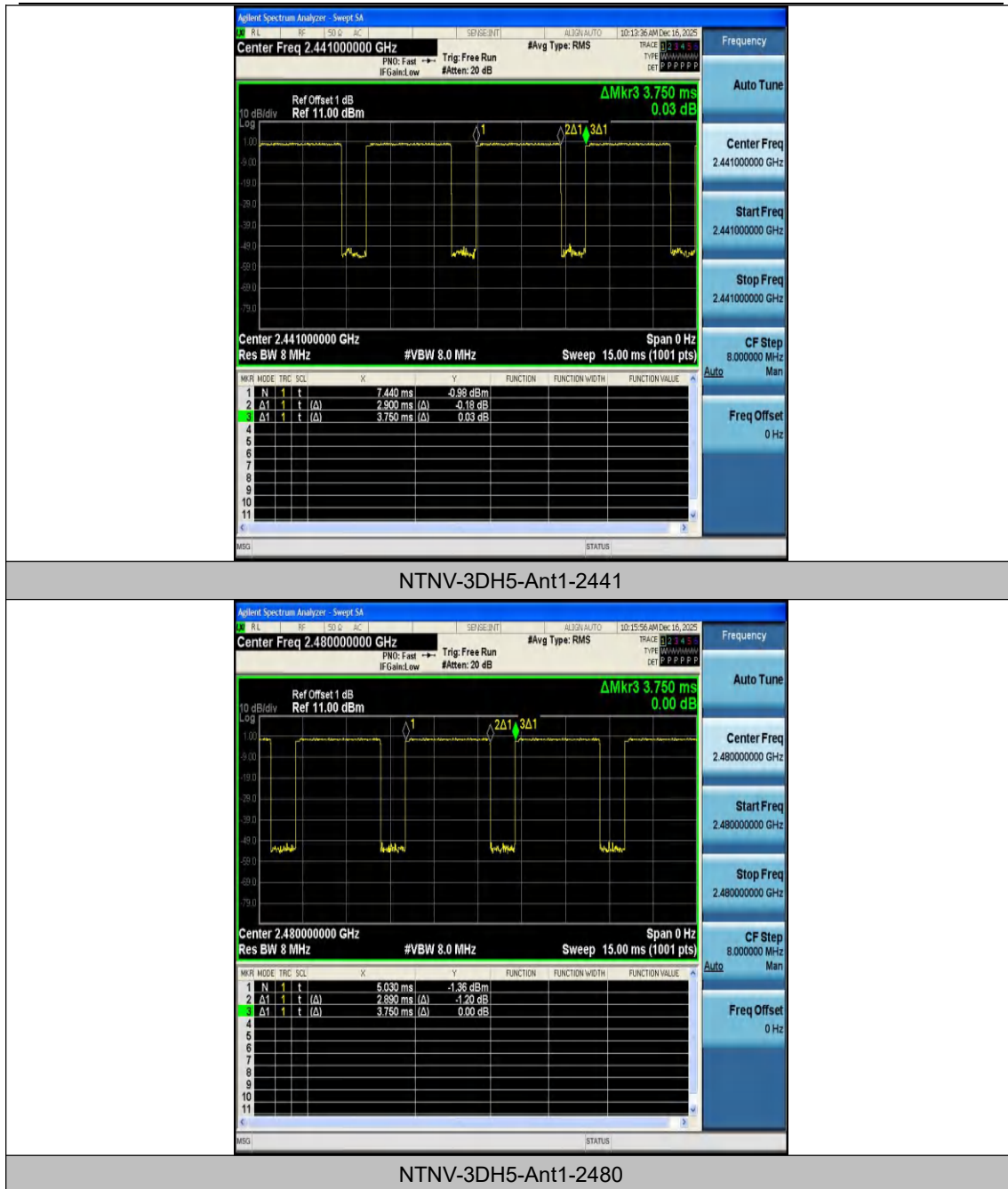
Test Graphs











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