

Appendix Test Data

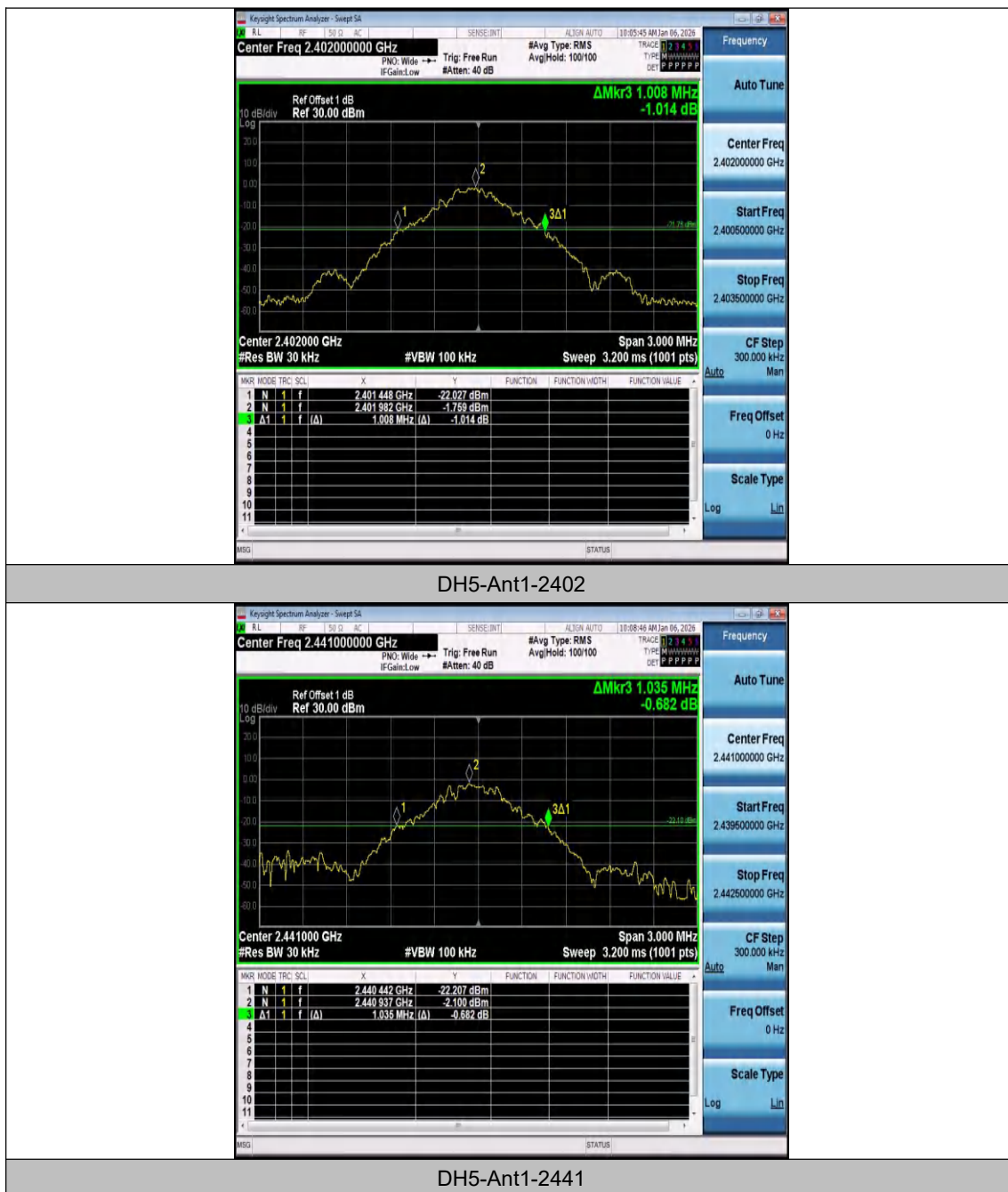
Report No.:	1819C50141612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-4	Finish Test Date:	2026-1-6
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	20.7°C	Relative Humidity:	47%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.008	2401.448	2402.456	---	---
DH5	Ant1	2441	1.035	2440.442	2441.477	---	---
DH5	Ant1	2480	0.990	2479.466	2480.456	---	---
2DH5	Ant1	2402	1.281	2401.337	2402.618	---	---
2DH5	Ant1	2441	1.284	2440.331	2441.615	---	---
2DH5	Ant1	2480	1.284	2479.337	2480.621	---	---

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	0.86884	2401.5253	2402.3942	---	---
DH5	Ant1	2441	0.88403	2440.5254	2441.4094	---	---
DH5	Ant1	2480	0.89449	2479.5202	2480.4147	---	---
2DH5	Ant1	2402	1.1798	2401.3781	2402.5579	---	---
2DH5	Ant1	2441	1.1898	2440.3706	2441.5604	---	---
2DH5	Ant1	2480	1.2023	2479.3678	2480.5701	---	---

Test Graphs



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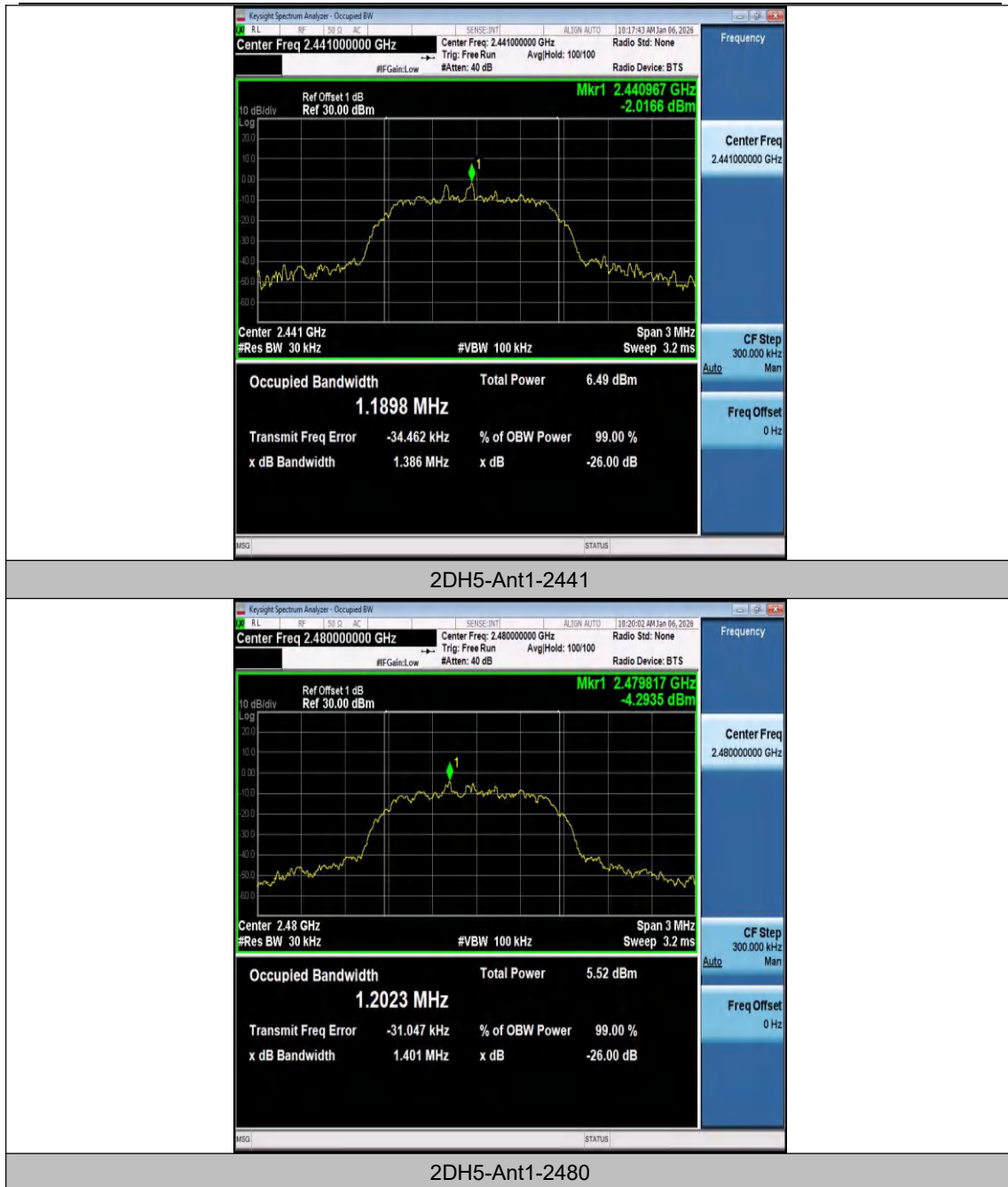
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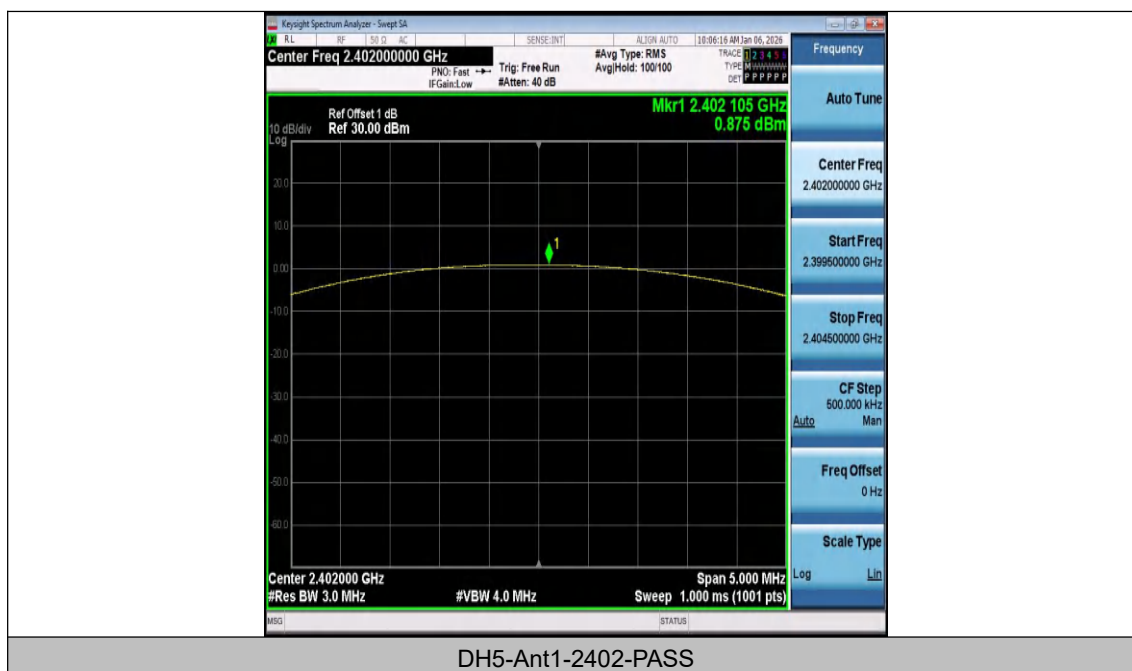
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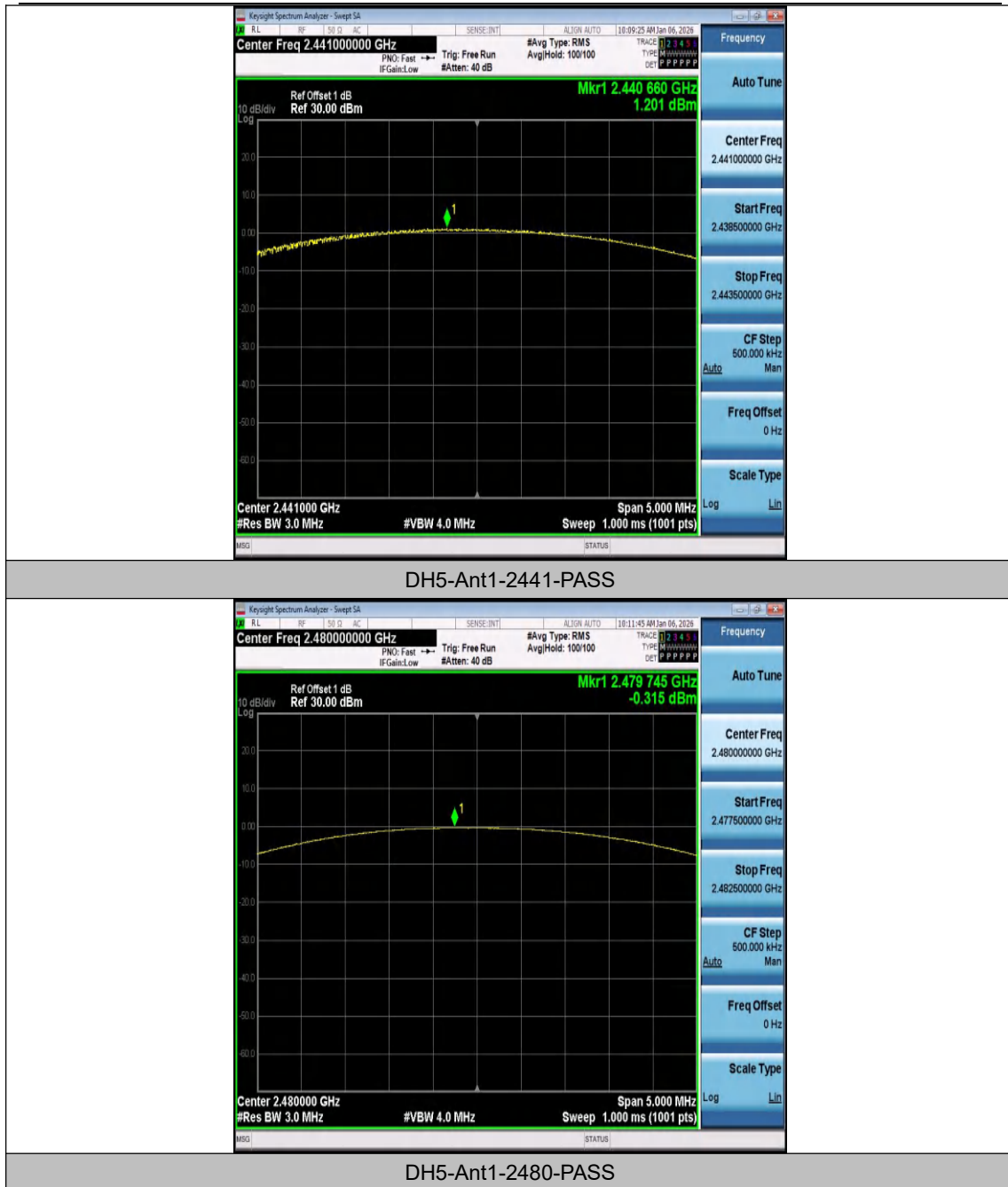
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.88	≤20.97	PASS
DH5	Ant1	2441	1.20	≤20.97	PASS
DH5	Ant1	2480	-0.32	≤20.97	PASS
2DH5	Ant1	2402	1.65	≤20.97	PASS
2DH5	Ant1	2441	1.45	≤20.97	PASS
2DH5	Ant1	2480	0.50	≤20.97	PASS

Test Graphs

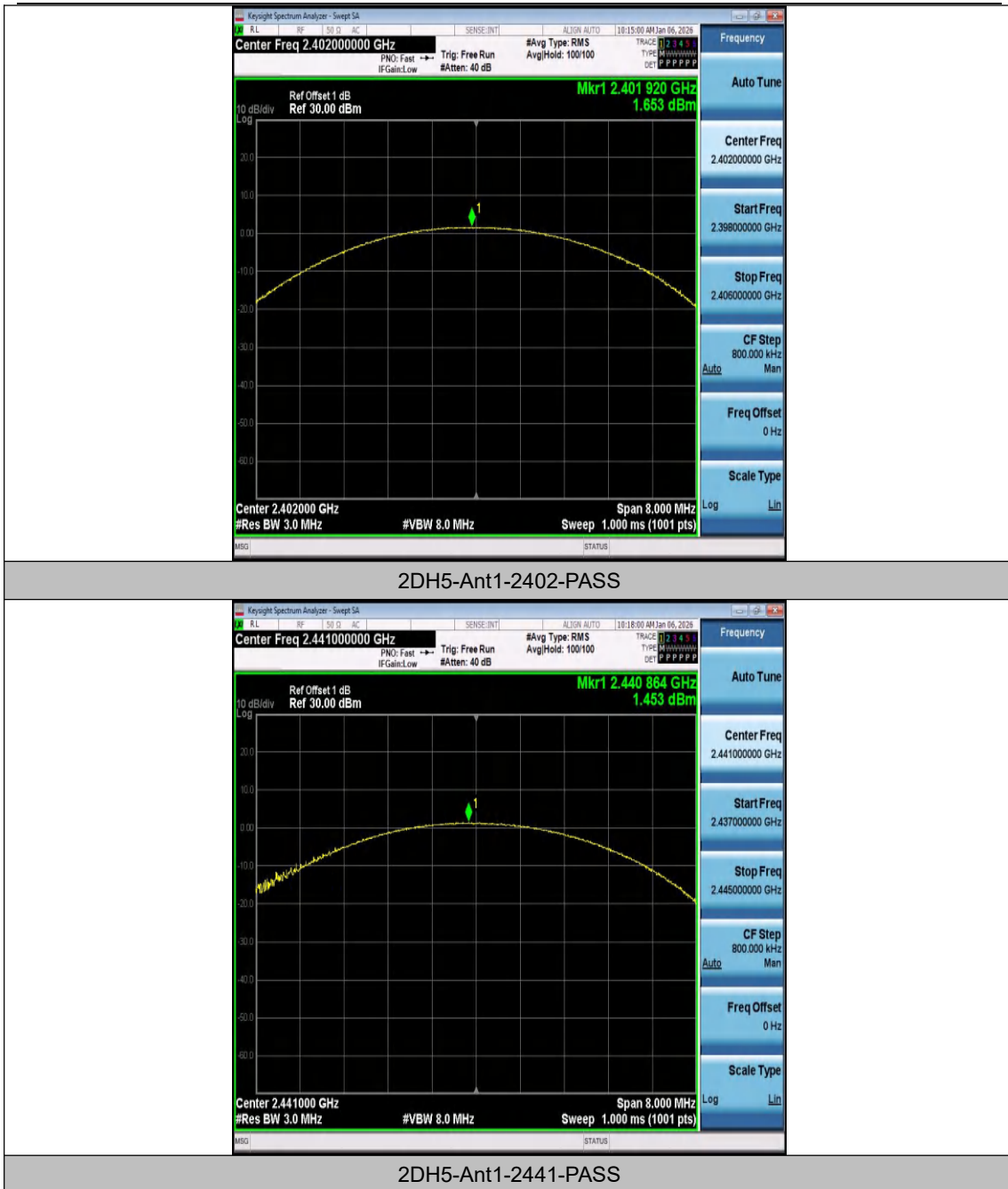




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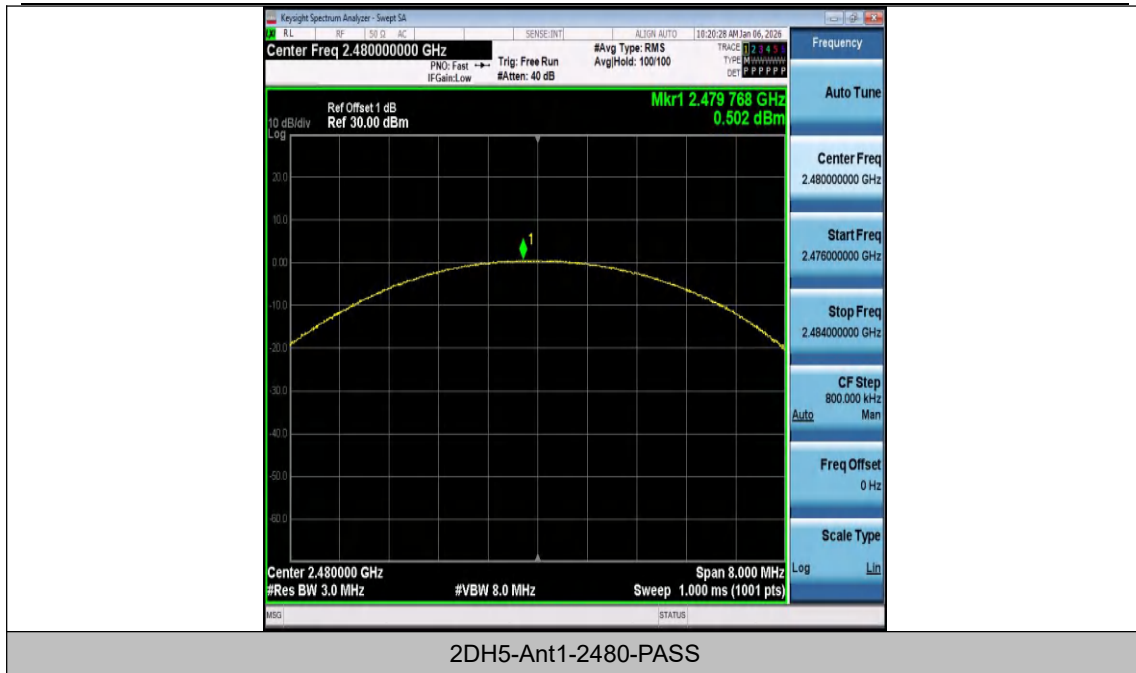
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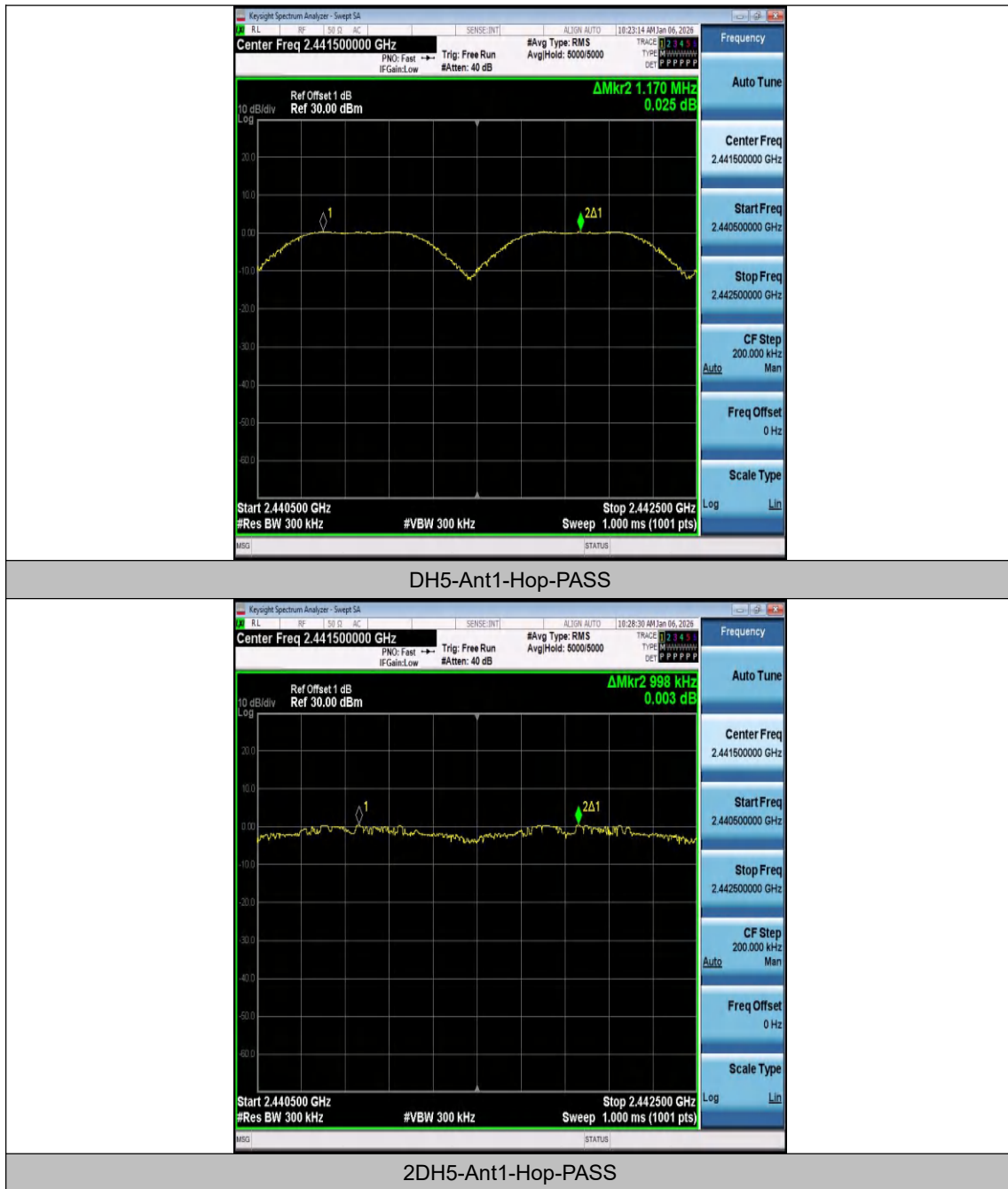
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.17	≥0.690	PASS
2DH5	Ant1	Hop	0.998	≥0.856	PASS

Test Graphs



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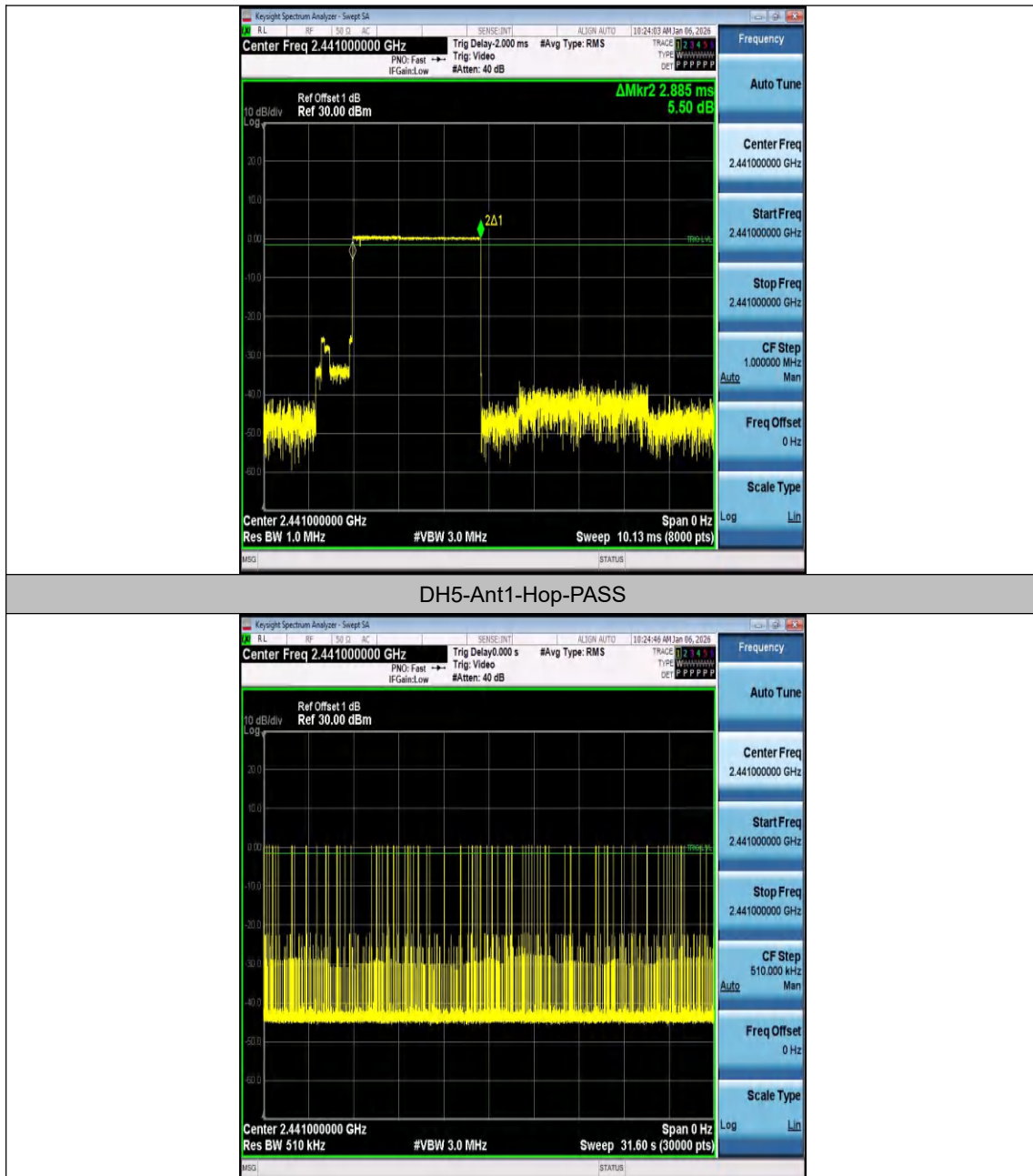
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	89	0.257	≤0.4	PASS
2DH5	Ant1	Hop	2.891	111	0.321	≤0.4	PASS

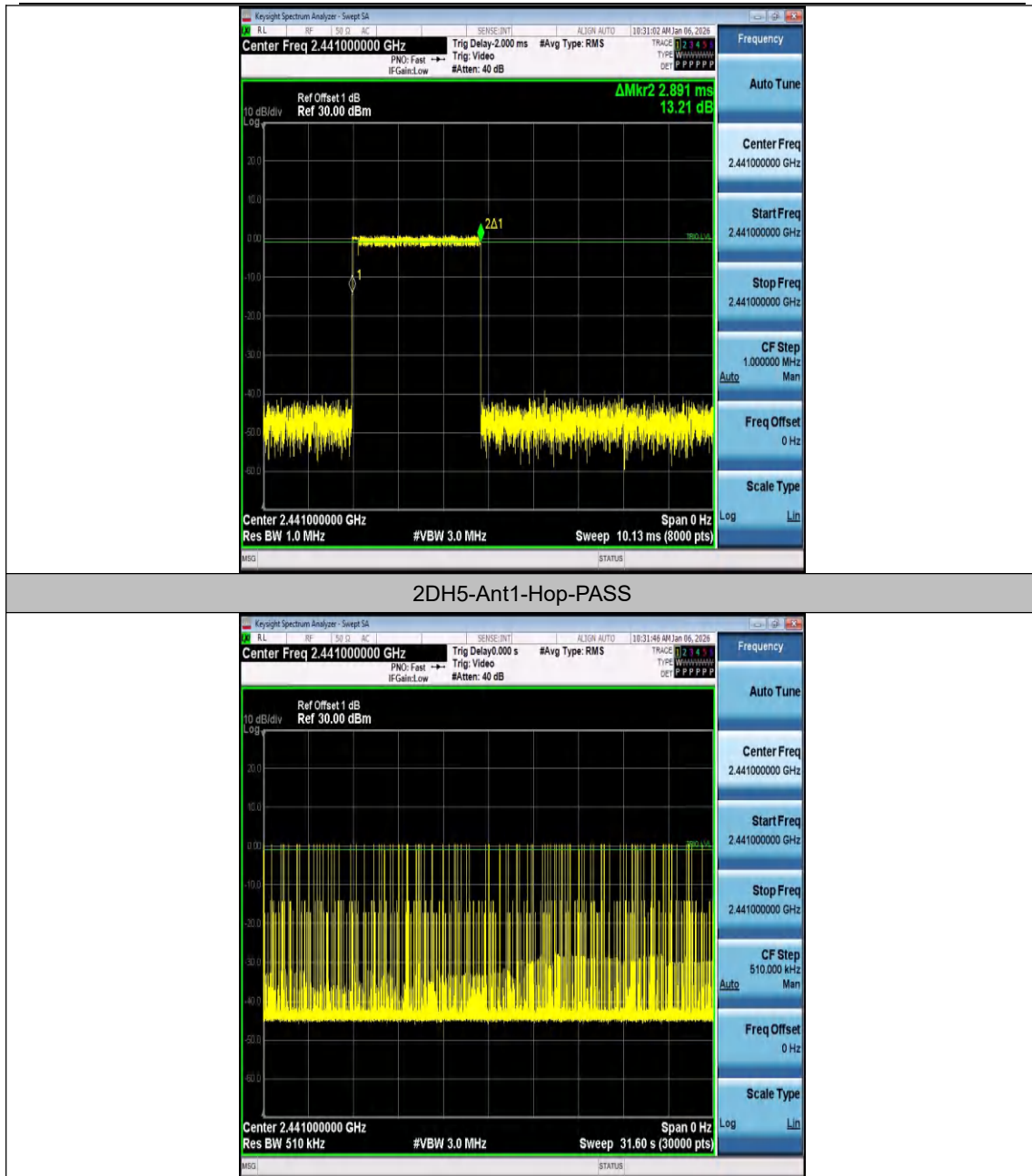
Test Graphs



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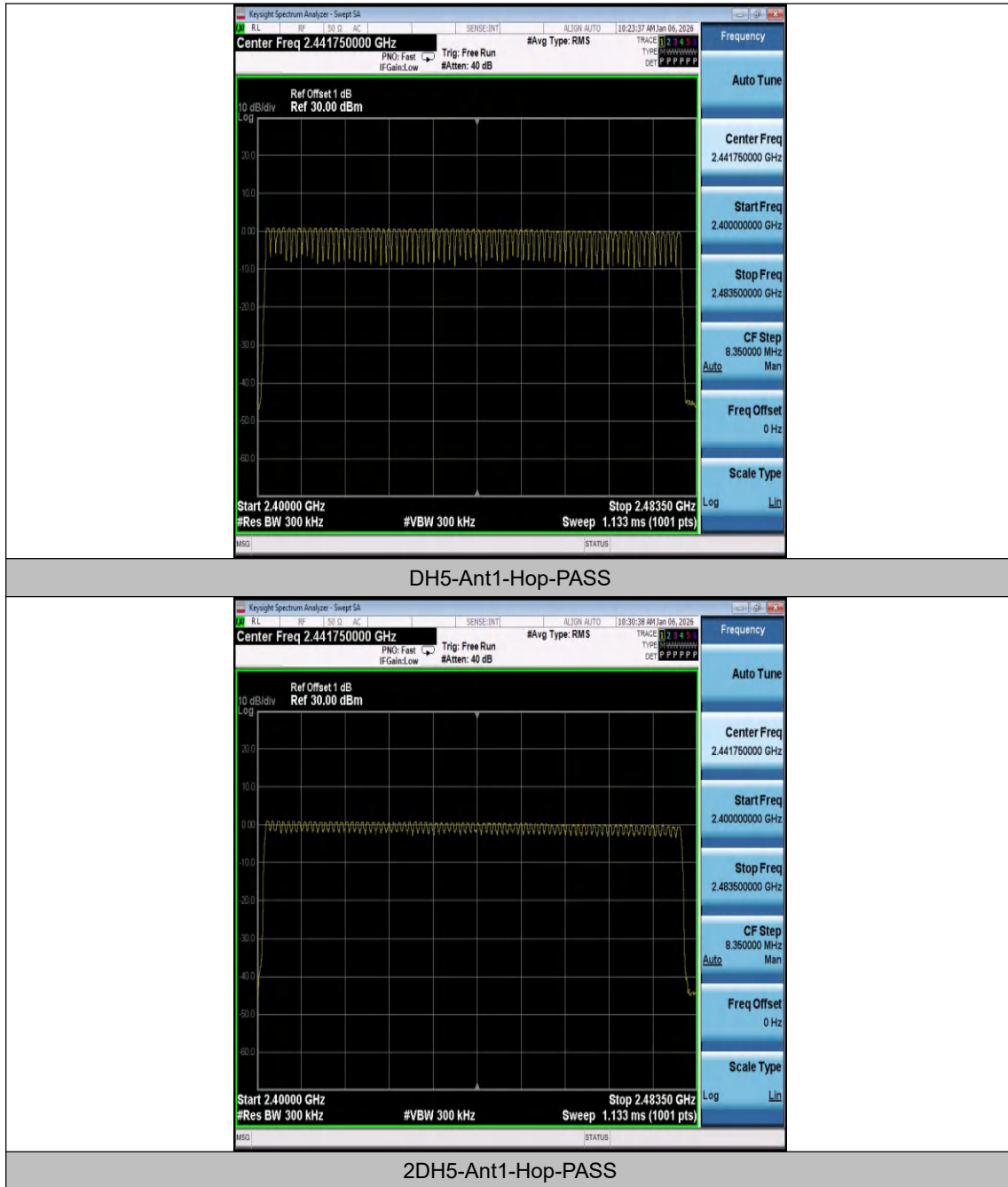
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



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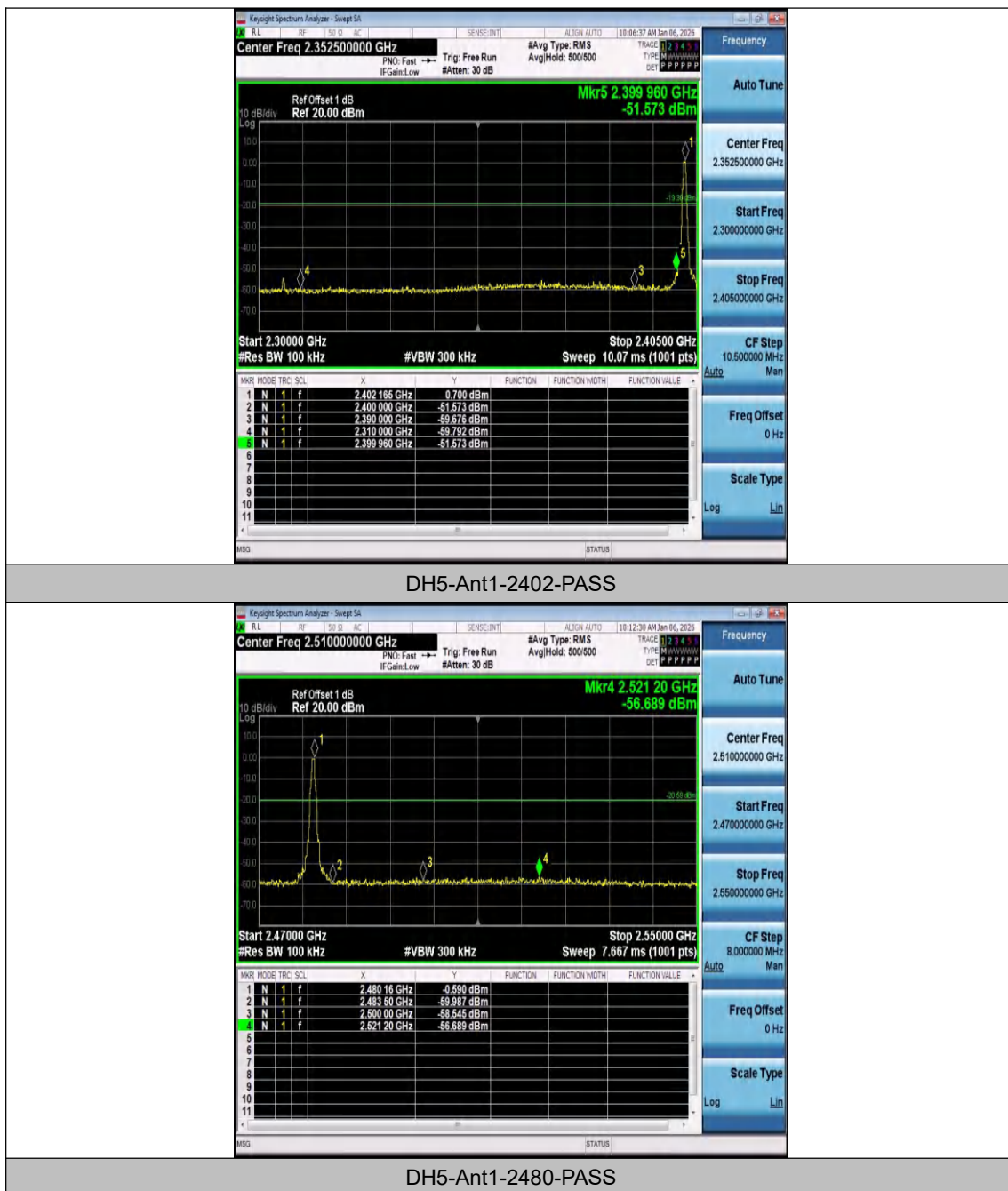
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.70	-51.57	≤-19.3	PASS
DH5	Ant1	High	2480	-0.59	-56.69	≤-20.59	PASS
DH5	Ant1	Low	Hop_2402	0.40	-53.85	≤-19.6	PASS
DH5	Ant1	High	Hop_2480	-0.53	-54.04	≤-20.53	PASS
2DH5	Ant1	Low	2402	0.63	-49.69	≤-19.37	PASS
2DH5	Ant1	High	2480	-0.70	-40.74	≤-20.7	PASS
2DH5	Ant1	Low	Hop_2402	-1.03	-55.35	≤-21.03	PASS
2DH5	Ant1	High	Hop_2480	-3.72	-55.22	≤-23.72	PASS

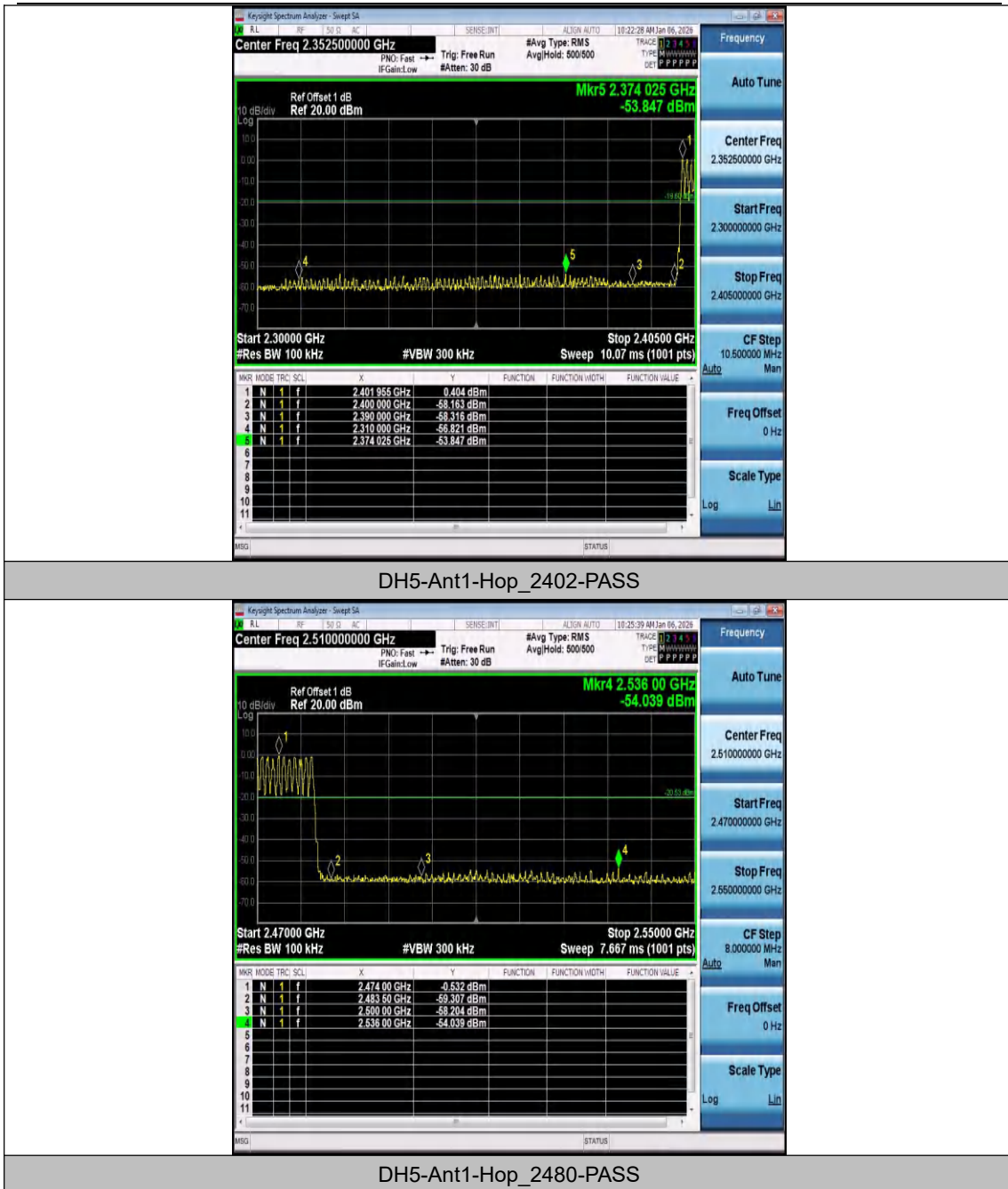
Test Graphs

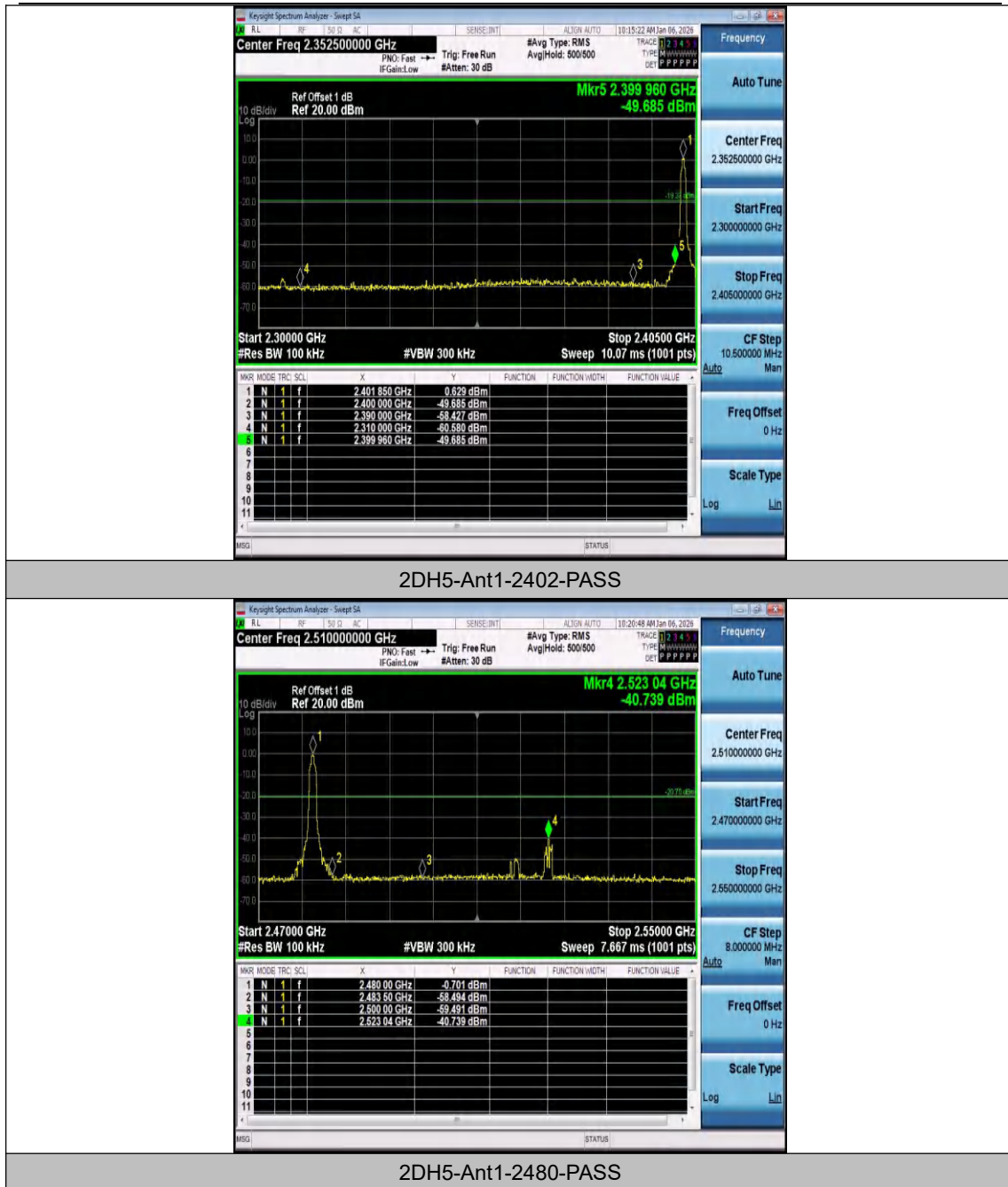


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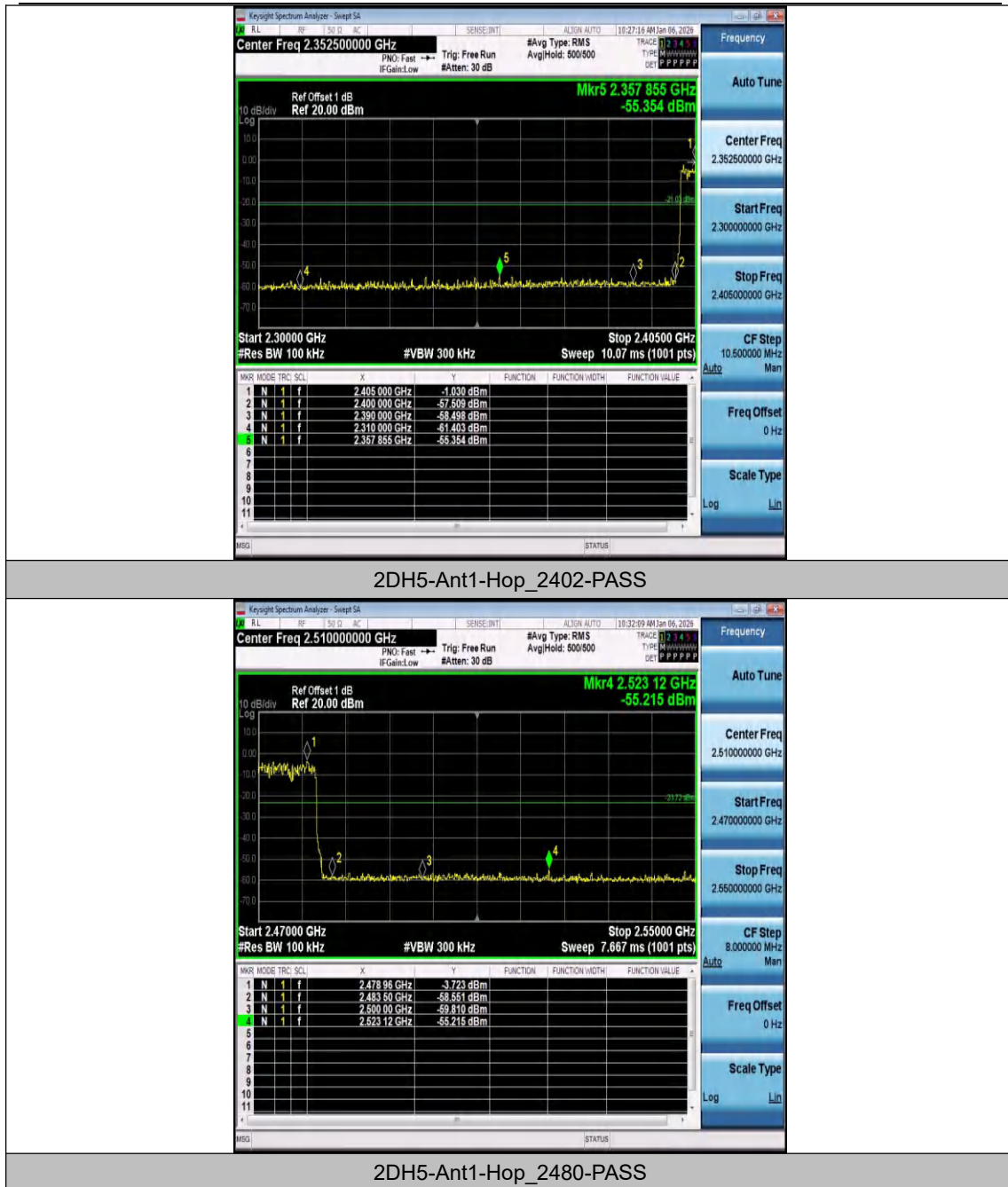




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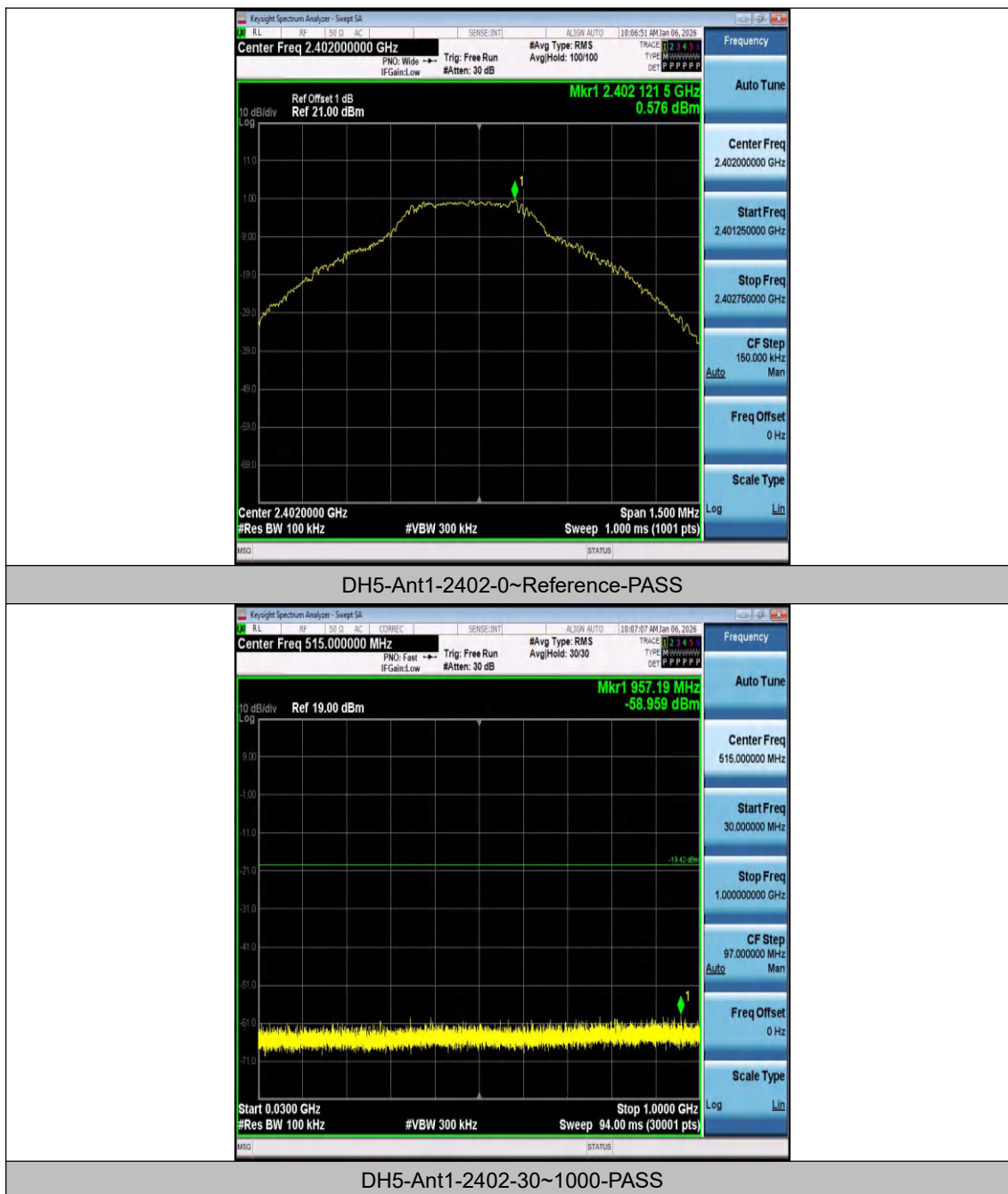
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.58	0.58	---	PASS
DH5	Ant1	2402	30~1000	0.58	-58.96	≤-19.42	PASS
DH5	Ant1	2402	1000~26500	0.58	-46.93	≤-19.42	PASS
DH5	Ant1	2441	0~Reference	0.16	0.16	---	PASS
DH5	Ant1	2441	30~1000	0.16	-59.45	≤-19.84	PASS
DH5	Ant1	2441	1000~26500	0.16	-47.59	≤-19.84	PASS
DH5	Ant1	2480	0~Reference	-0.84	-0.84	---	PASS
DH5	Ant1	2480	30~1000	-0.84	-59.23	≤-20.84	PASS
DH5	Ant1	2480	1000~26500	-0.84	-46.41	≤-20.84	PASS
2DH5	Ant1	2402	0~Reference	0.48	0.48	---	PASS
2DH5	Ant1	2402	30~1000	0.48	-59.48	≤-19.52	PASS
2DH5	Ant1	2402	1000~26500	0.48	-48.83	≤-19.52	PASS
2DH5	Ant1	2441	0~Reference	0.21	0.21	---	PASS
2DH5	Ant1	2441	30~1000	0.21	-59.08	≤-19.79	PASS
2DH5	Ant1	2441	1000~26500	0.21	-49.31	≤-19.79	PASS
2DH5	Ant1	2480	0~Reference	-1.55	-1.55	---	PASS
2DH5	Ant1	2480	30~1000	-1.55	-58.52	≤-21.55	PASS
2DH5	Ant1	2480	1000~26500	-1.55	-43.44	≤-21.55	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.

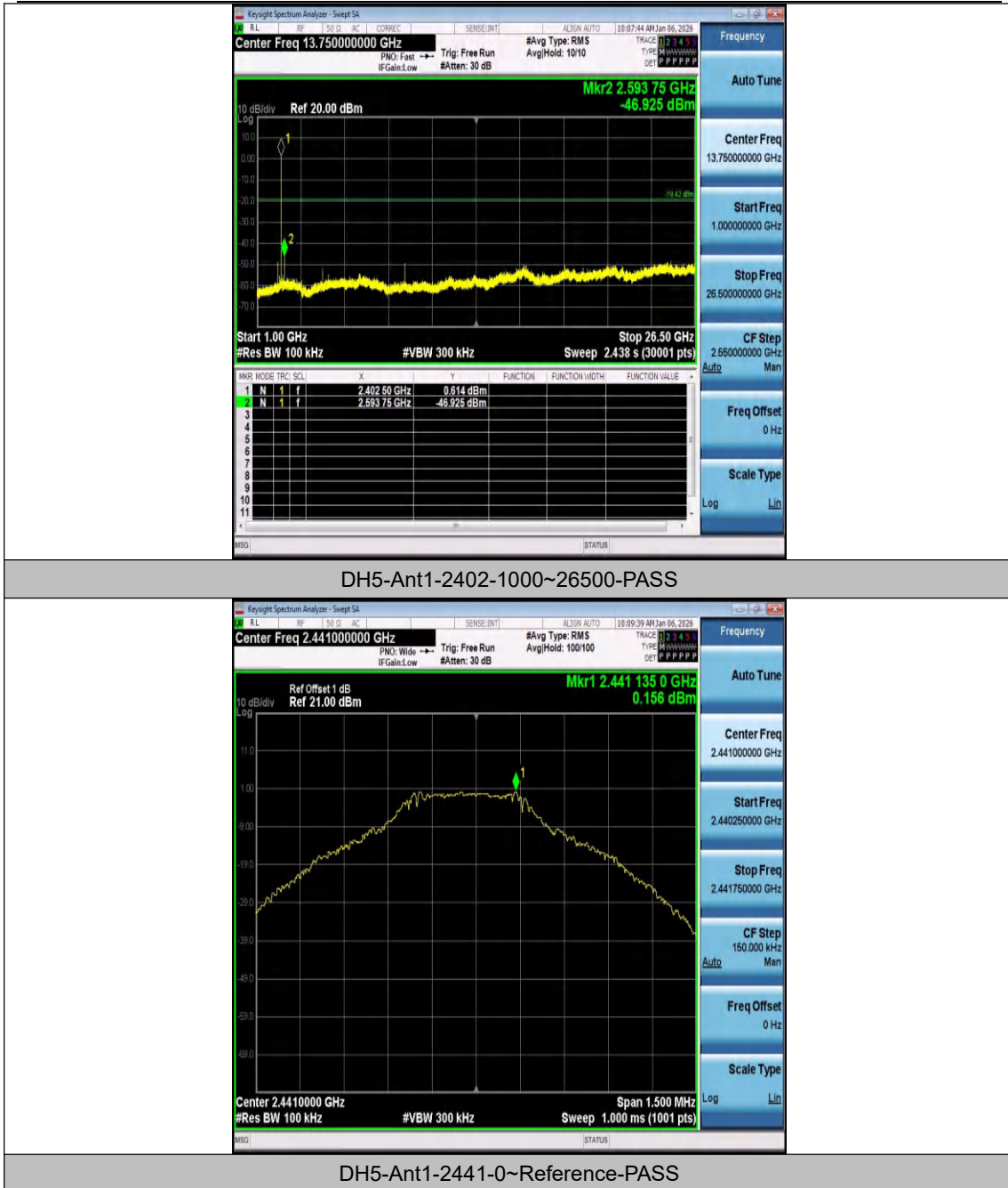
Test Graphs



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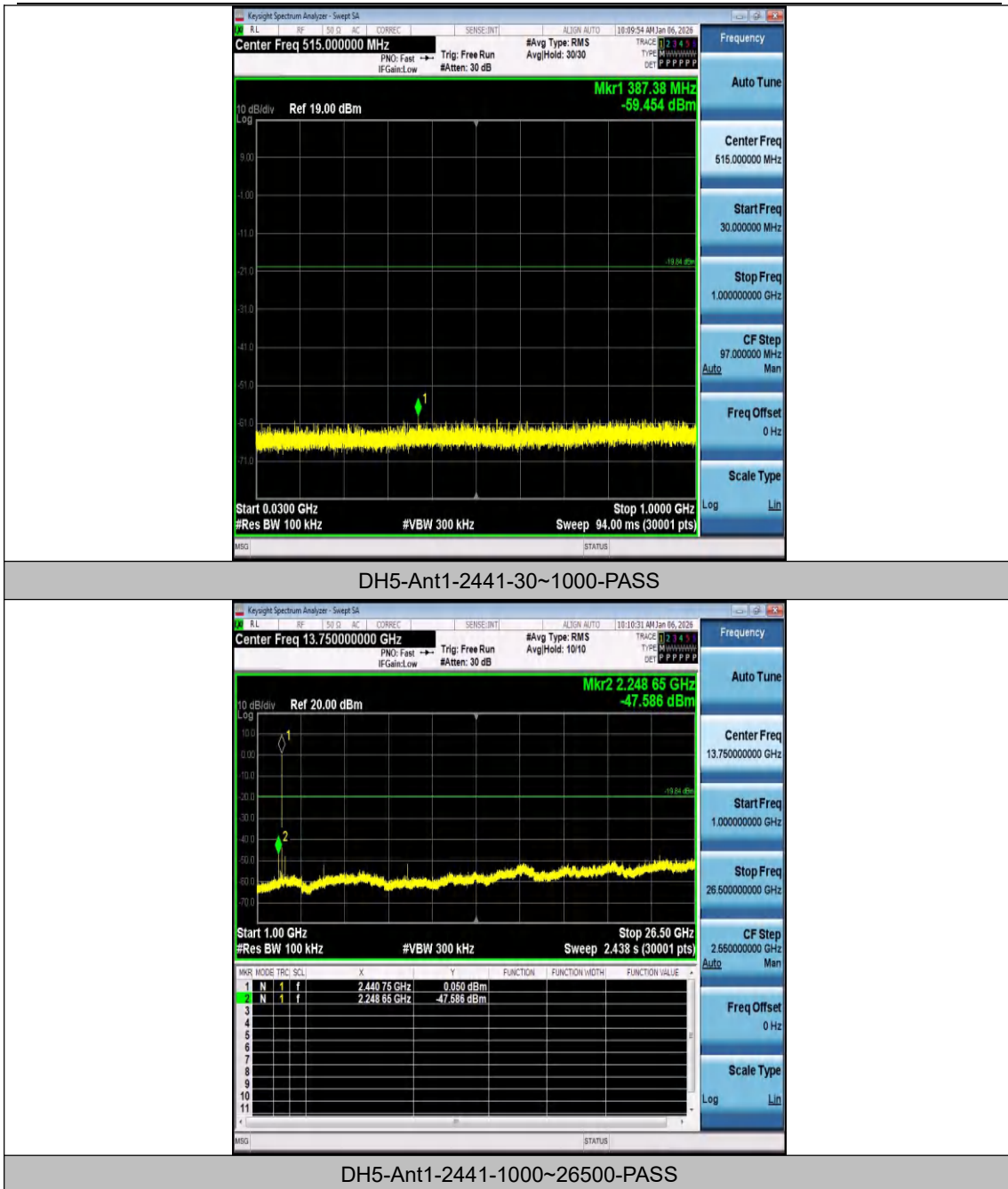
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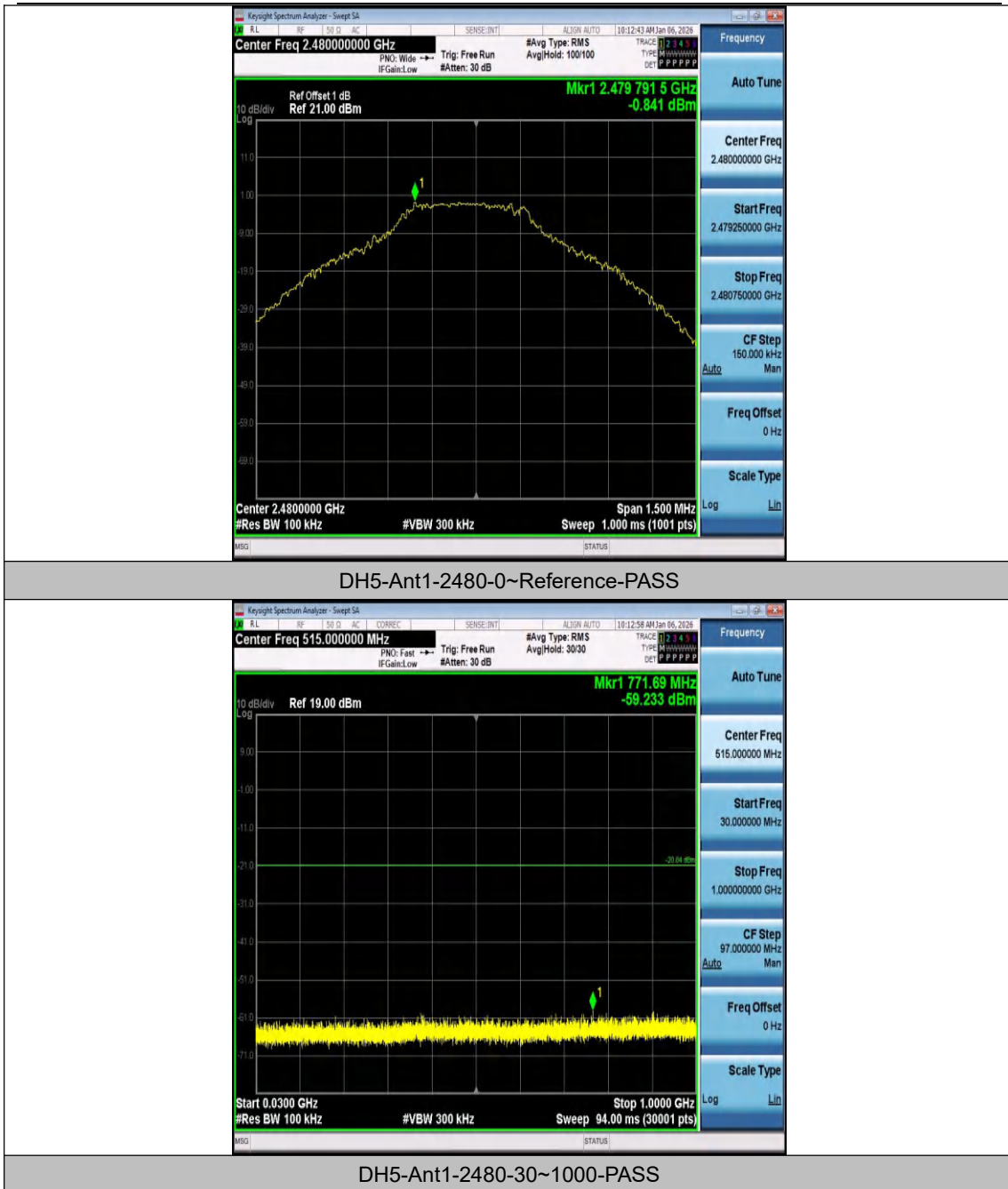
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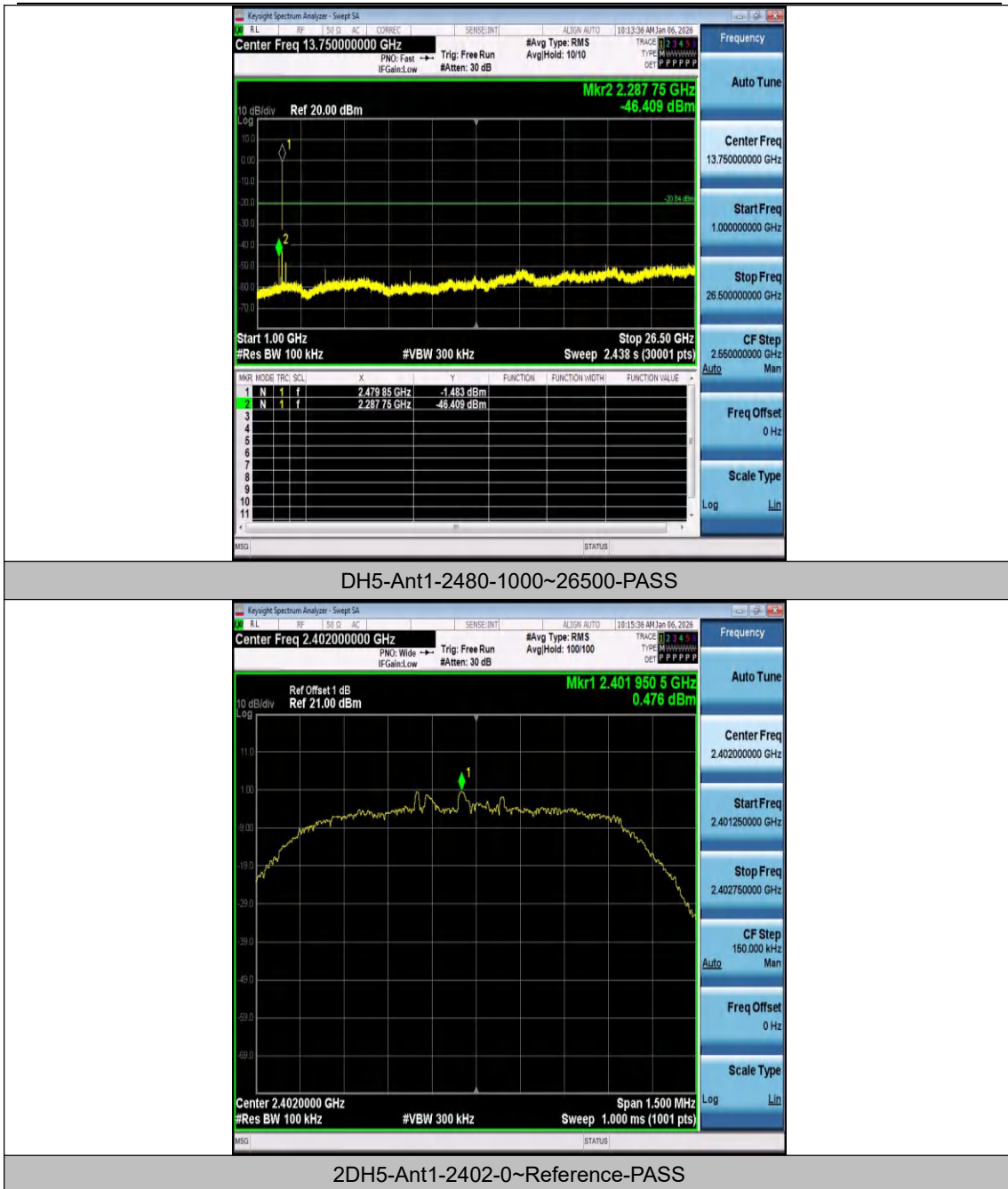
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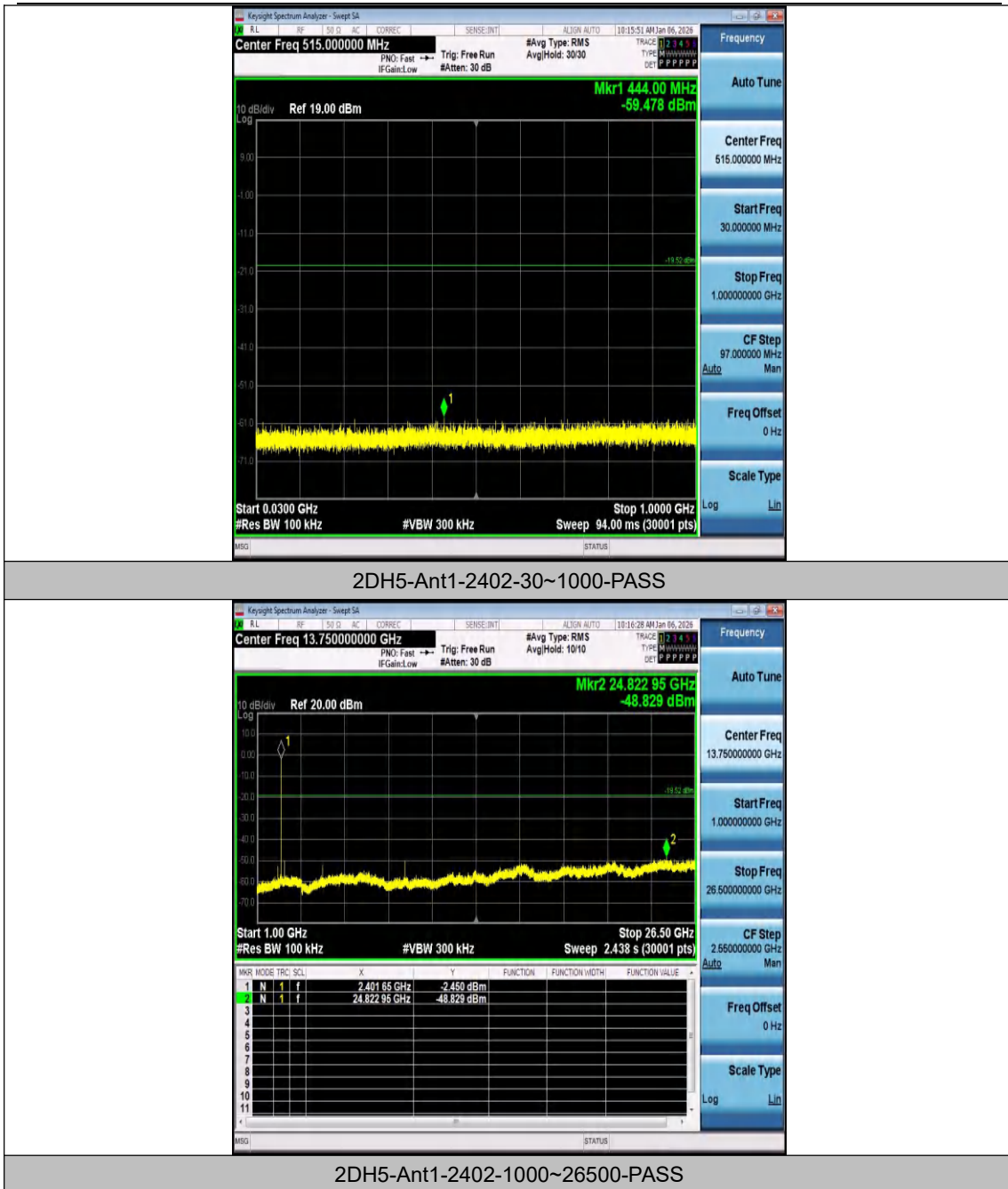
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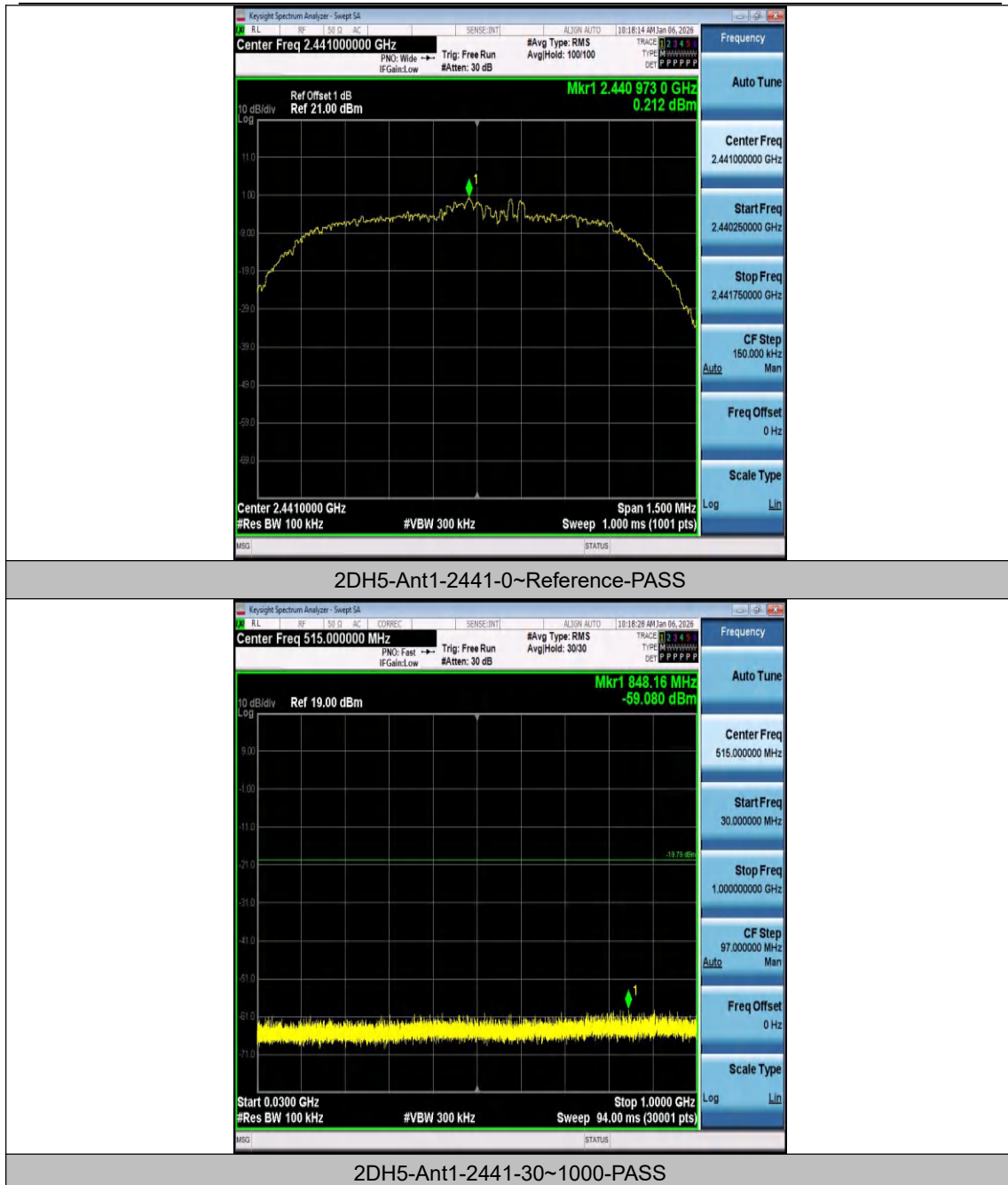
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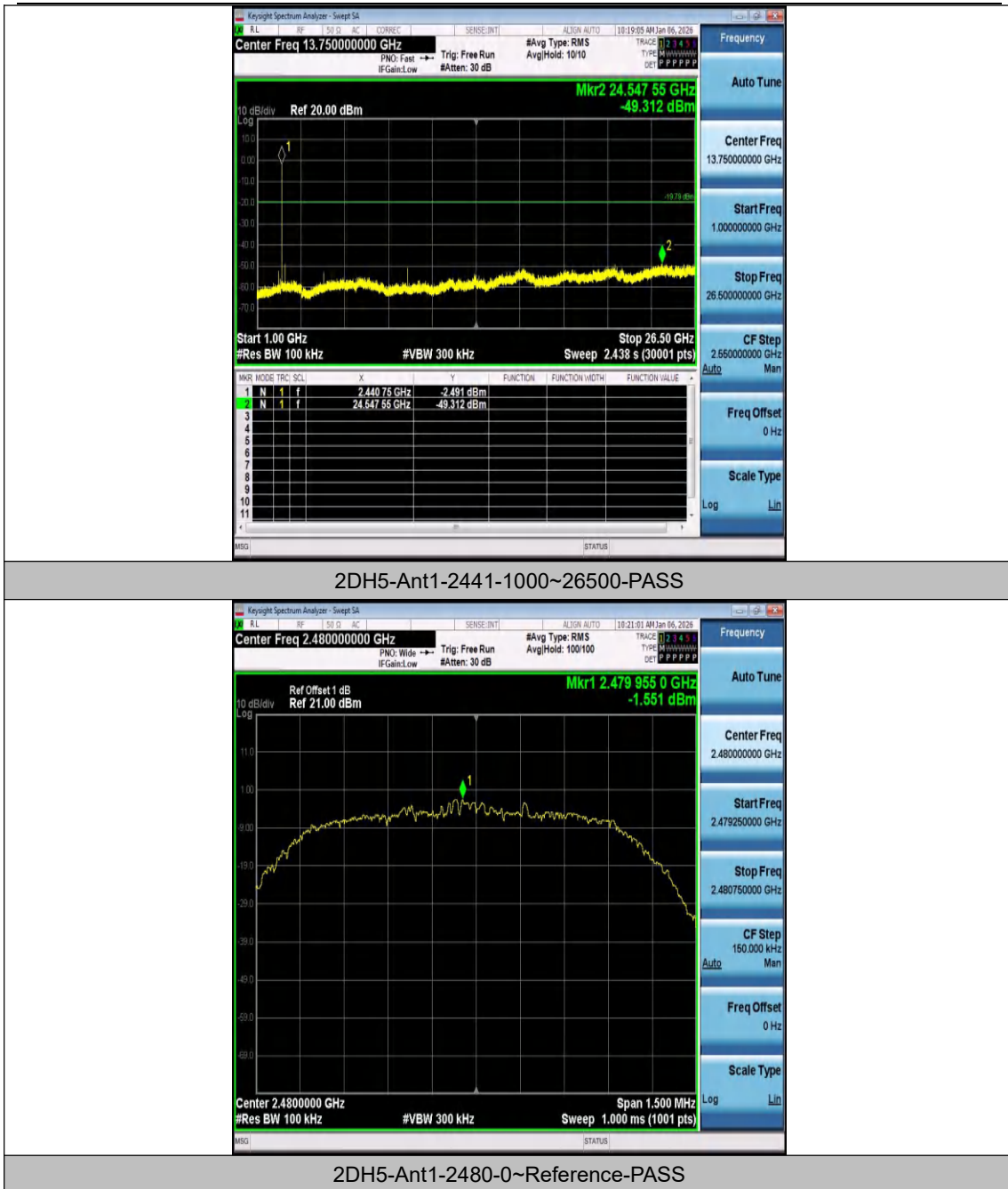
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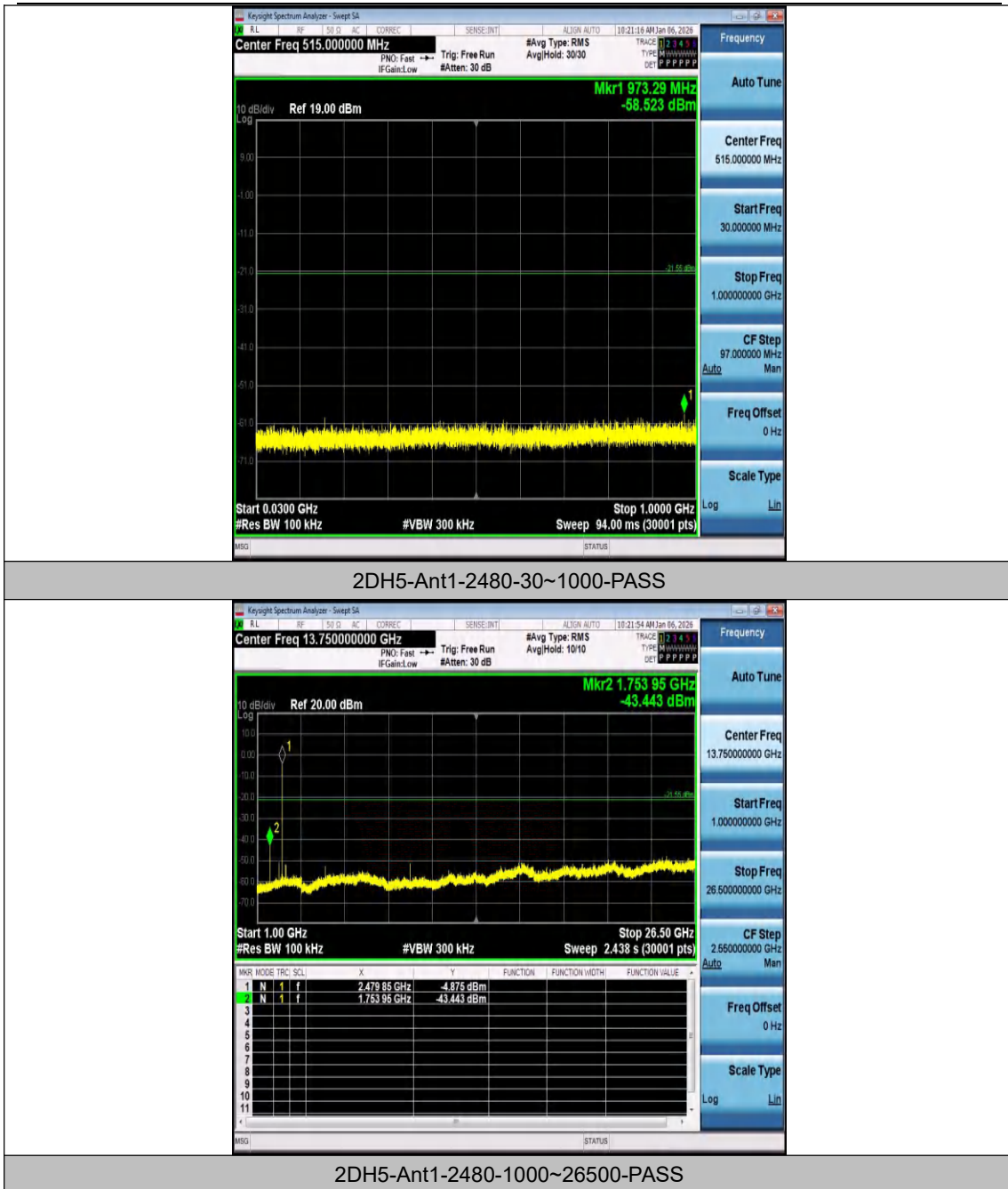
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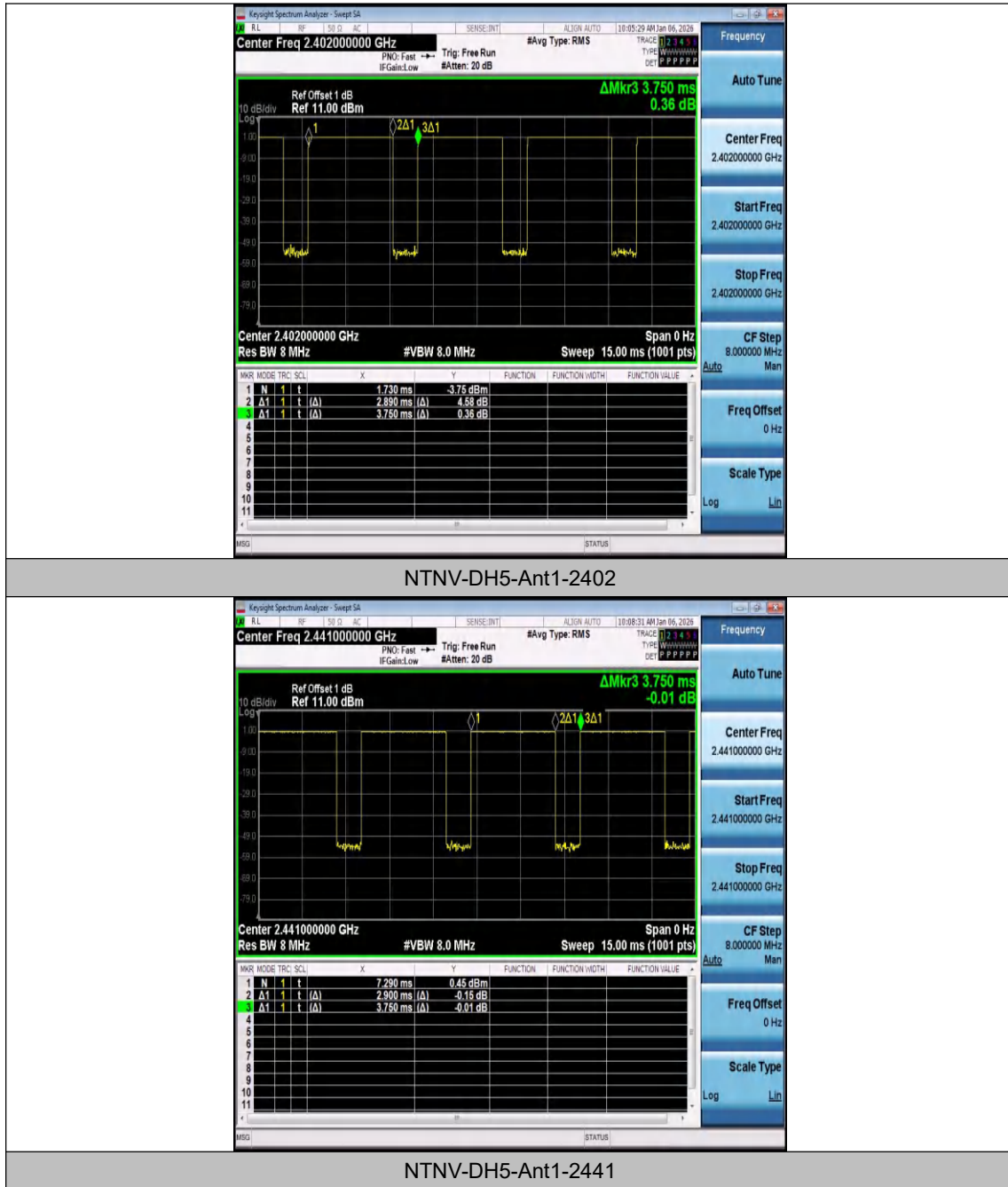
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.90	3.75	77.33	1.12
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.90	3.75	77.33	1.12

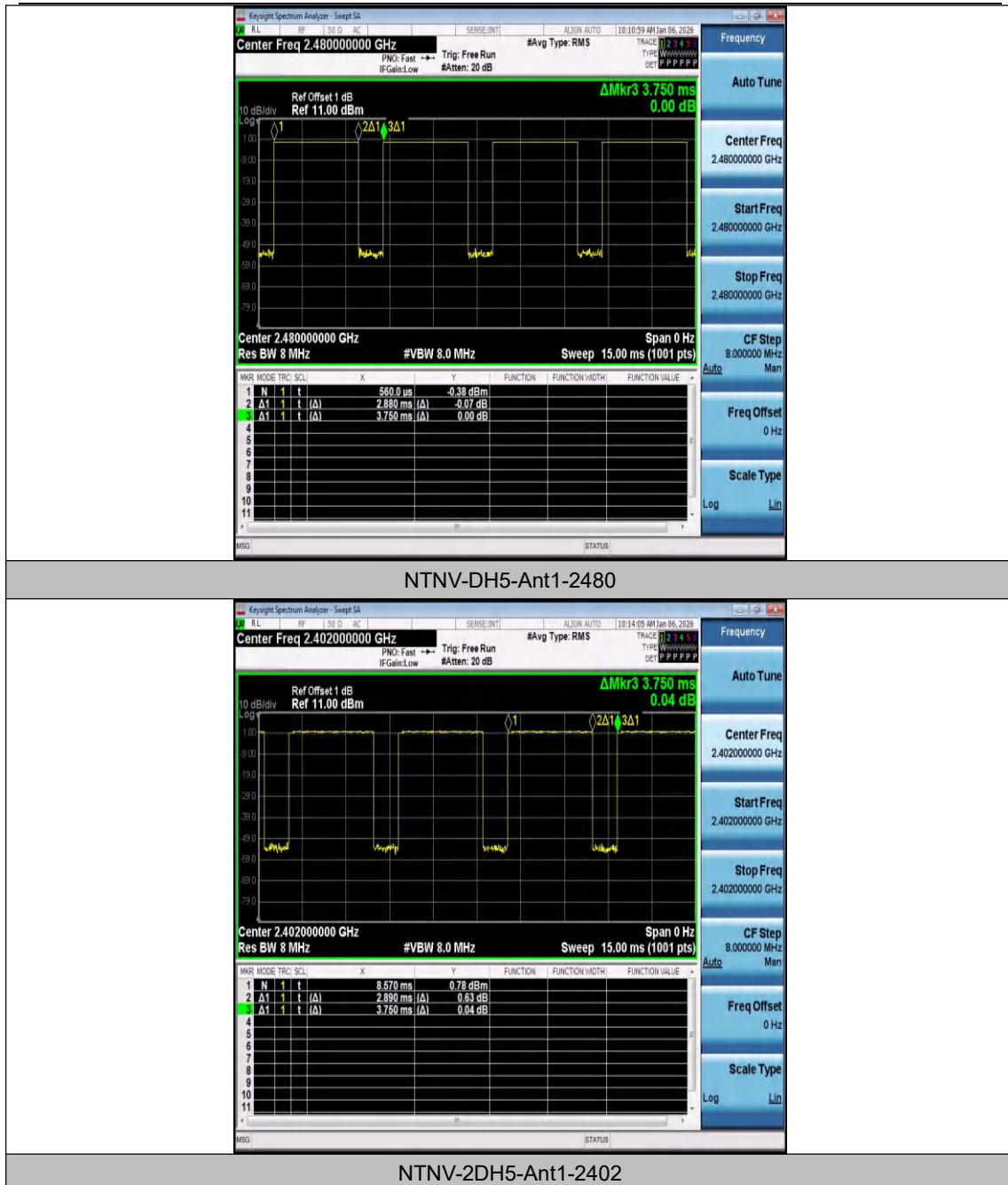
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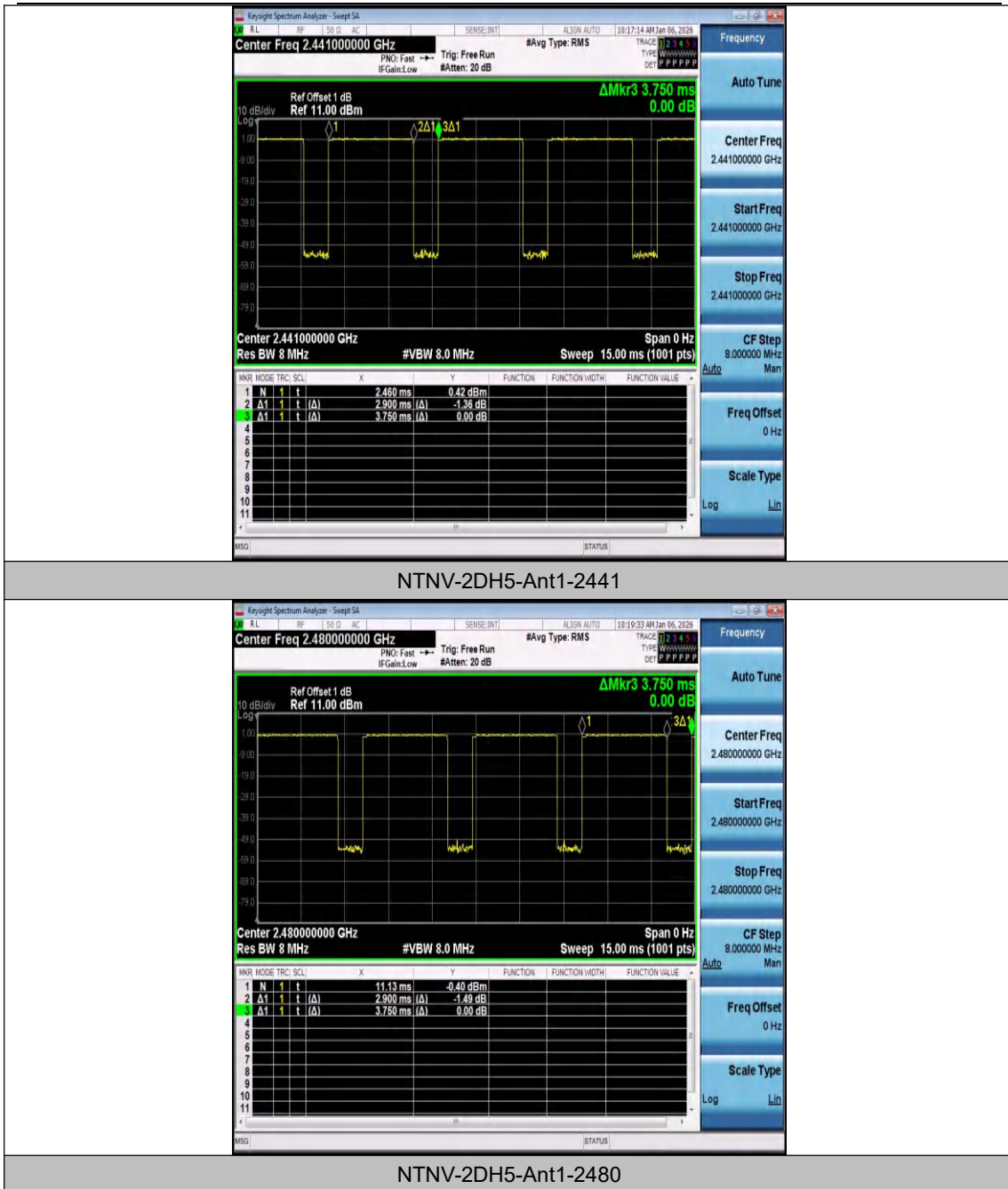


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