

Appendix Test Data

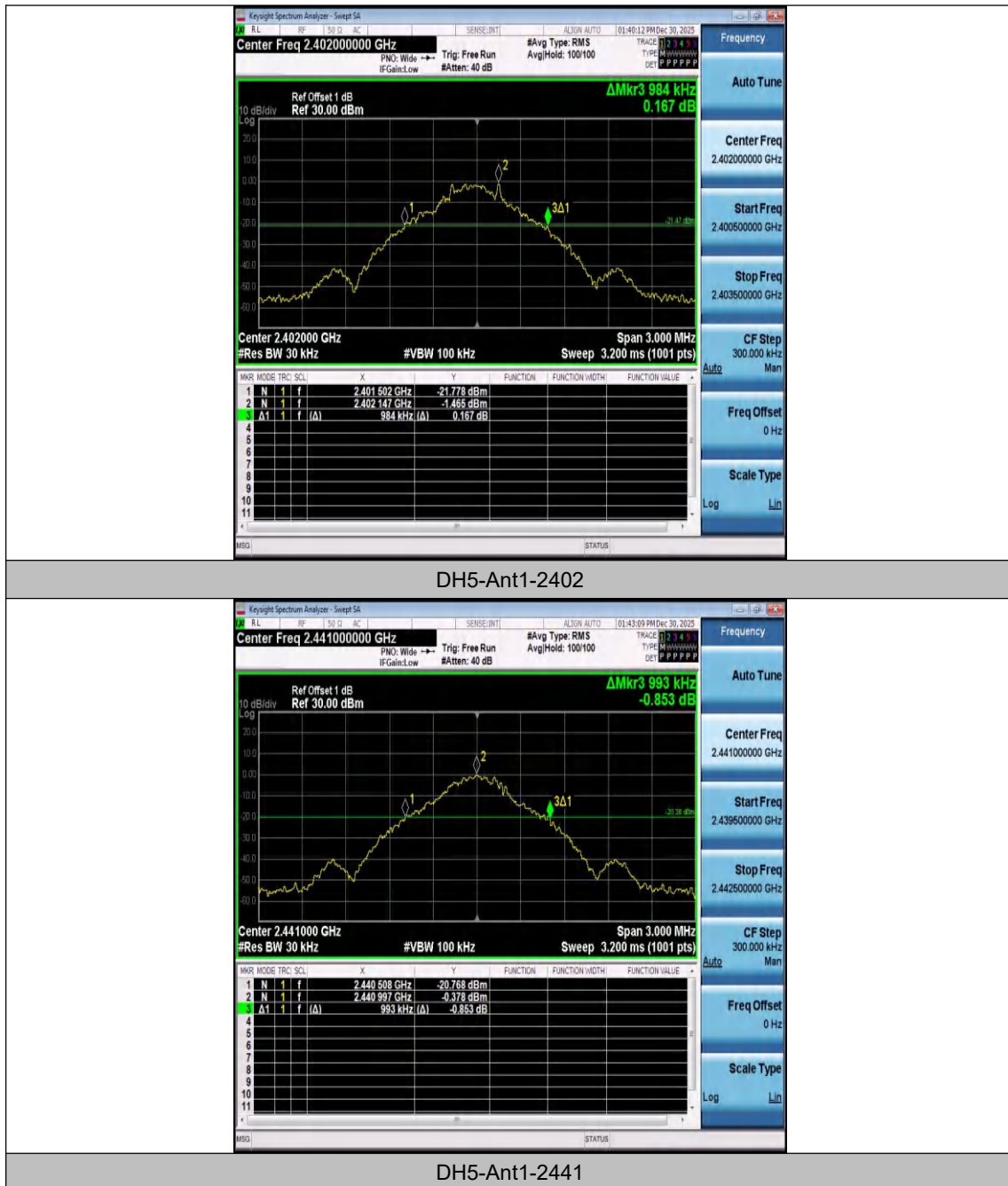
Report No.:	1812C50697812501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-26	Finish Test Date:	2025-12-31
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.1°C	Relative Humidity:	41%
Pressure:	101kPa		

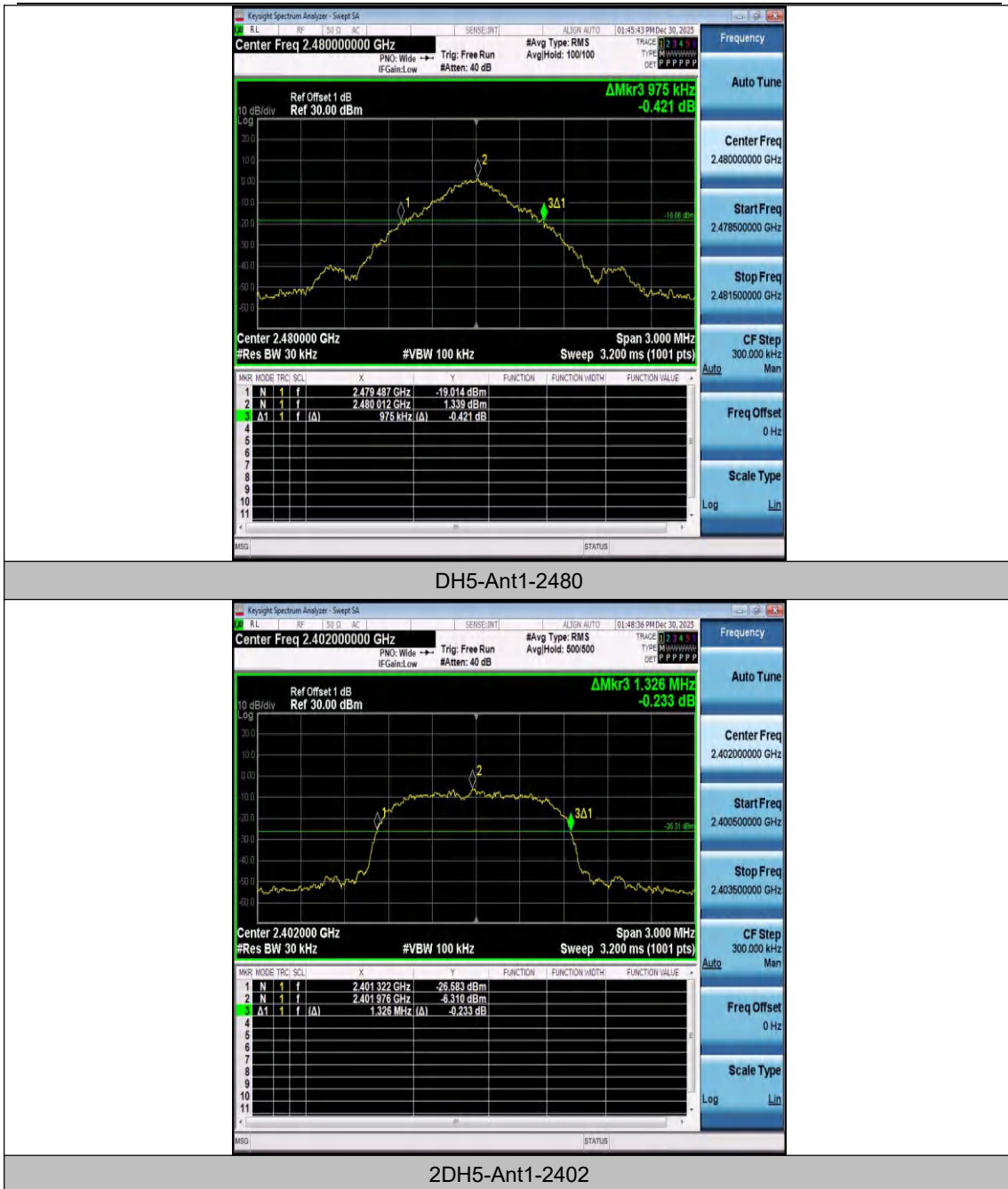
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.984	2401.502	2402.486	---	---
DH5	Ant1	2441	0.993	2440.508	2441.501	---	---
DH5	Ant1	2480	0.975	2479.487	2480.462	---	---
2DH5	Ant1	2402	1.326	2401.322	2402.648	---	---
2DH5	Ant1	2441	1.341	2440.310	2441.651	---	---
2DH5	Ant1	2480	1.338	2479.310	2480.648	---	---
3DH5	Ant1	2402	1.317	2401.319	2402.636	---	---
3DH5	Ant1	2441	1.335	2440.313	2441.648	---	---
3DH5	Ant1	2480	1.347	2479.310	2480.657	---	---

Test Graphs





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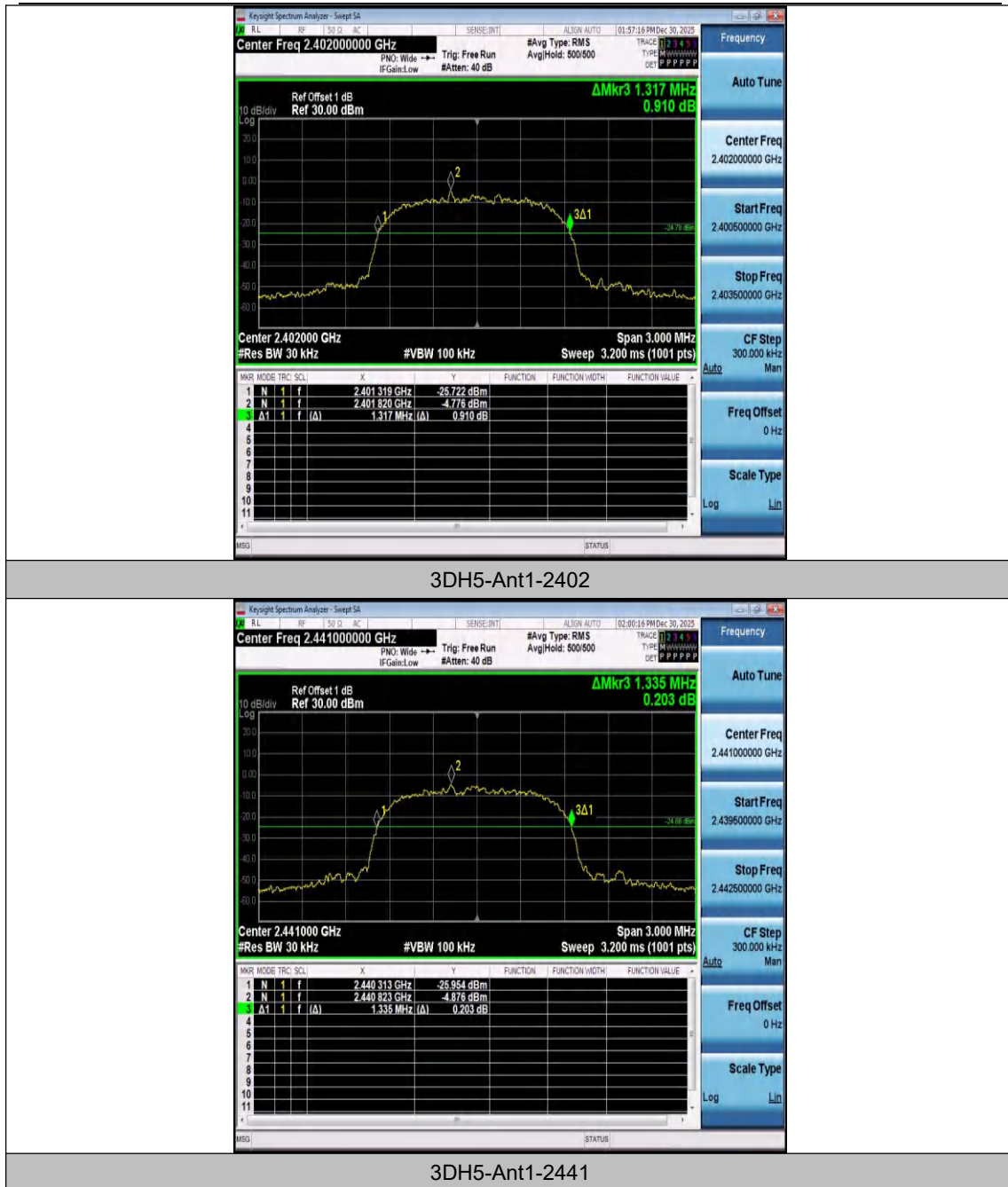
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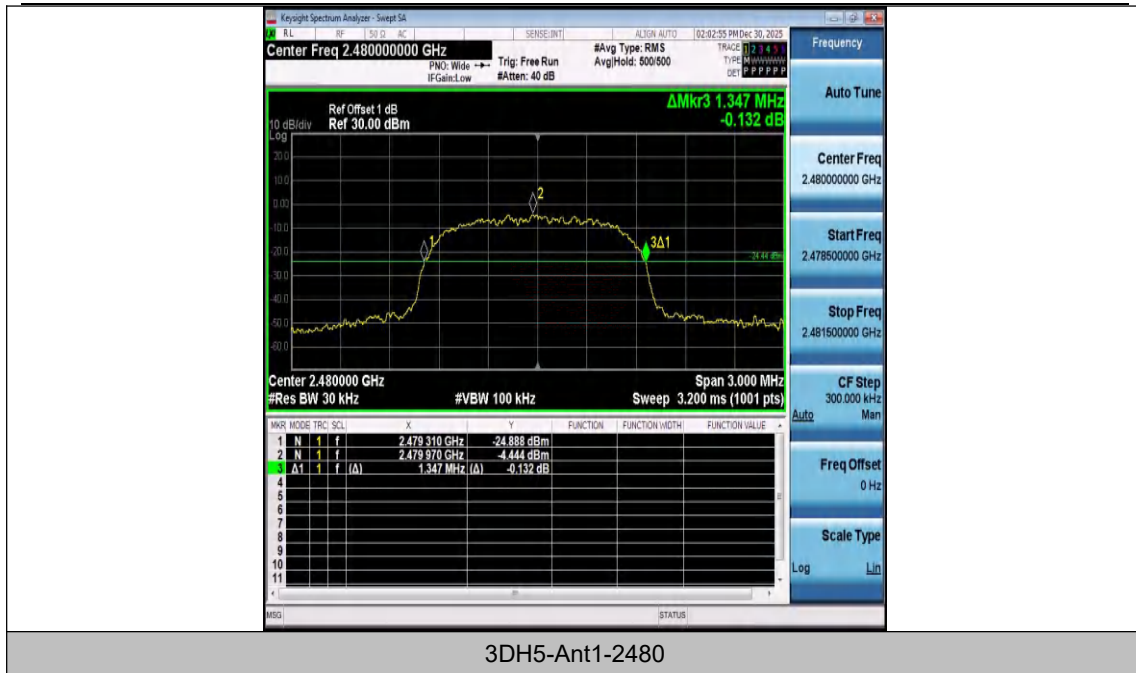
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87952	2401.5403	2402.4198	---	---
DH5	Ant1	2441	0.86270	2440.5532	2441.4159	---	---
DH5	Ant1	2480	0.86062	2479.5483	2480.4089	---	---
2DH5	Ant1	2402	1.1887	2401.3871	2402.5758	---	---
2DH5	Ant1	2441	1.1967	2440.3842	2441.5809	---	---
2DH5	Ant1	2480	1.1979	2479.3822	2480.5801	---	---
3DH5	Ant1	2402	1.1918	2401.3892	2402.5810	---	---
3DH5	Ant1	2441	1.1901	2440.3878	2441.5779	---	---
3DH5	Ant1	2480	1.1886	2479.3866	2480.5752	---	---

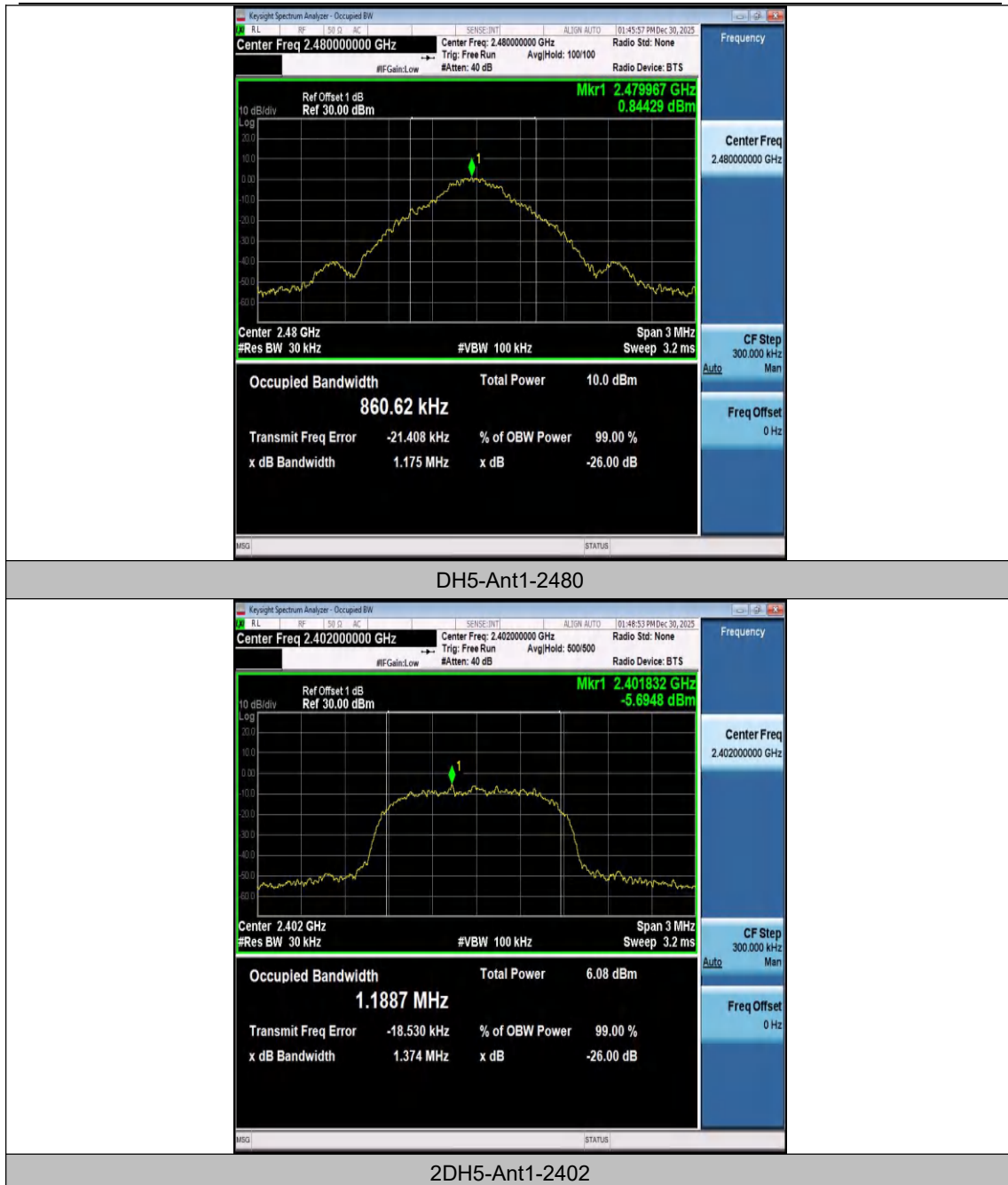
Test Graphs



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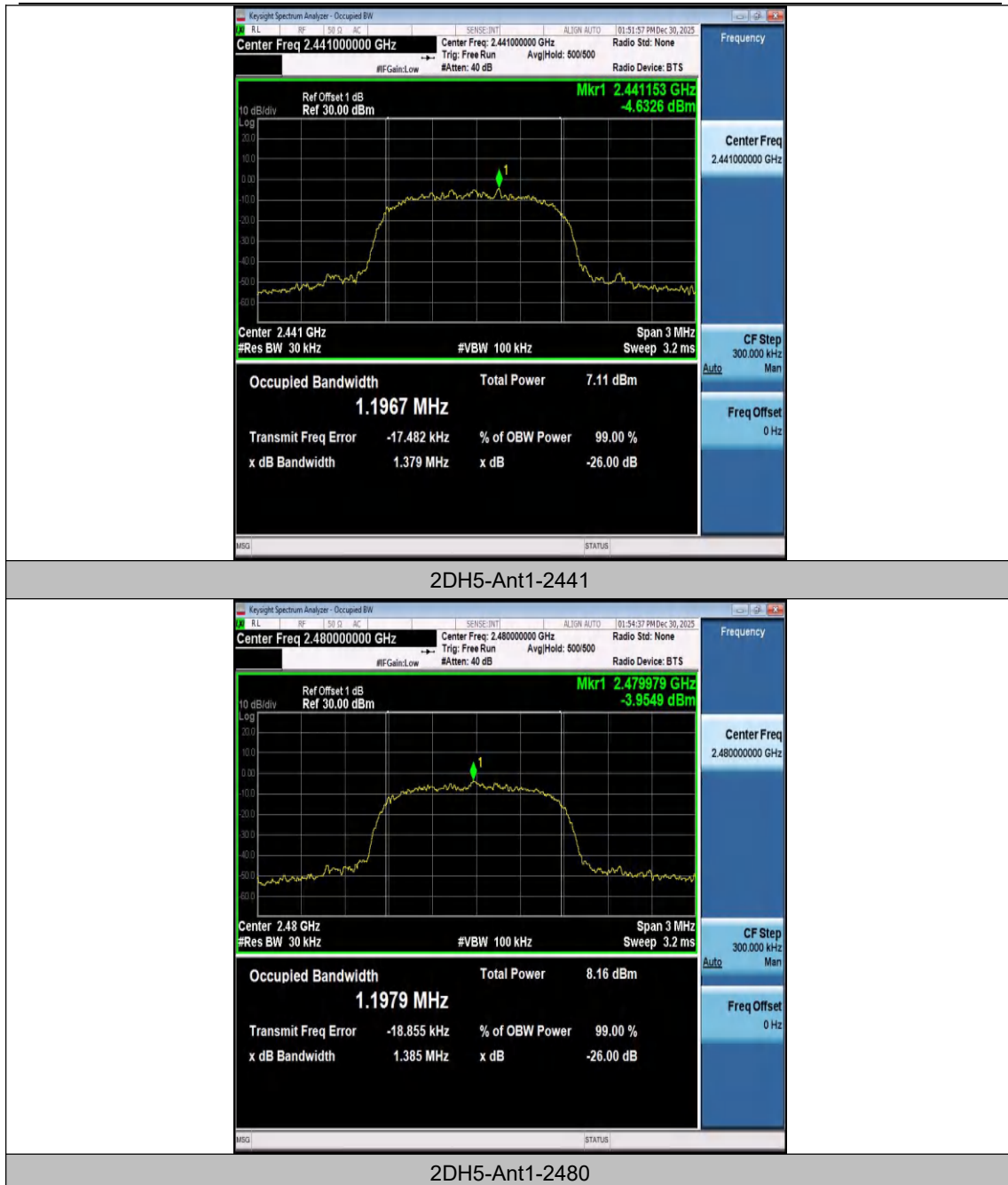
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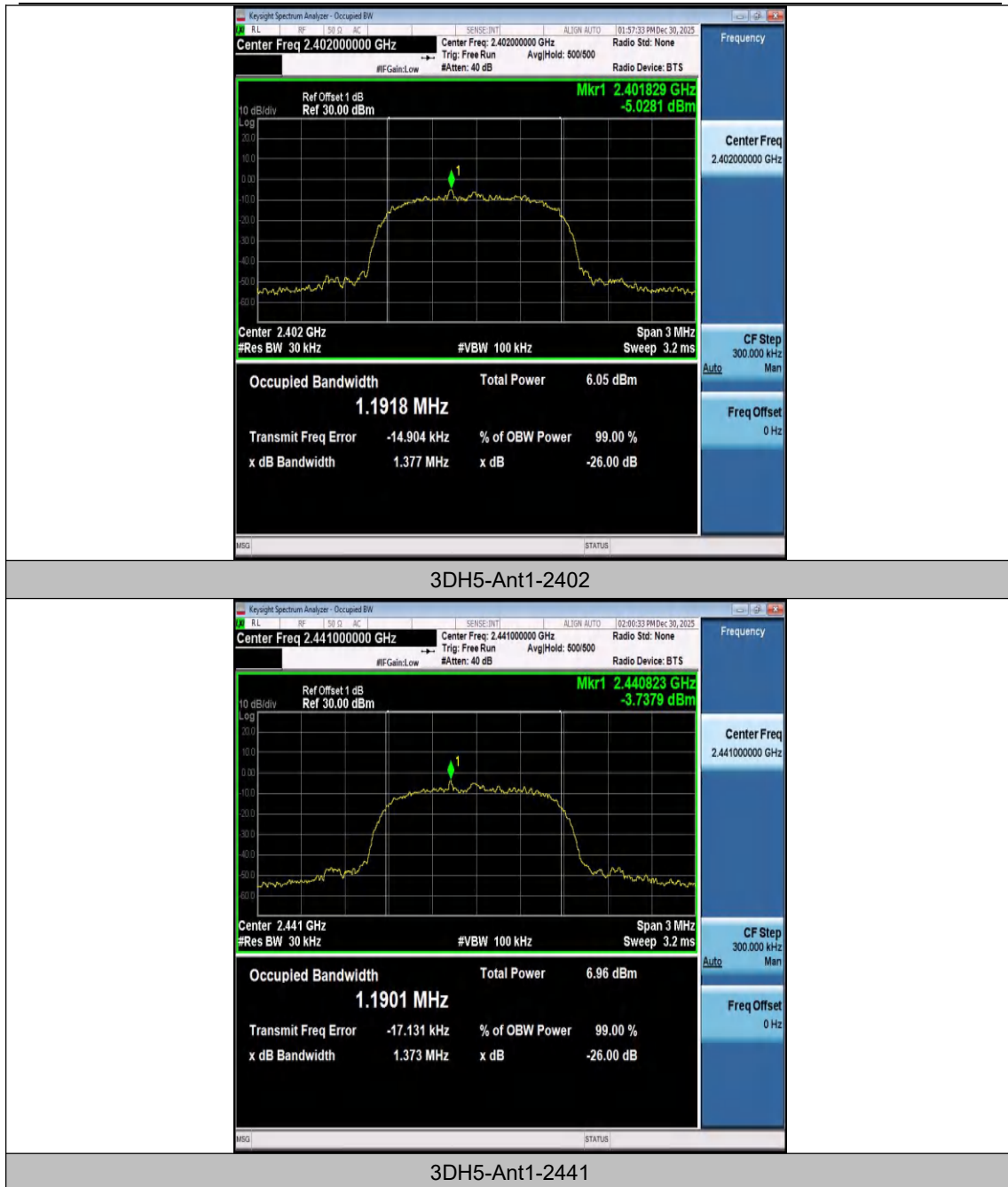


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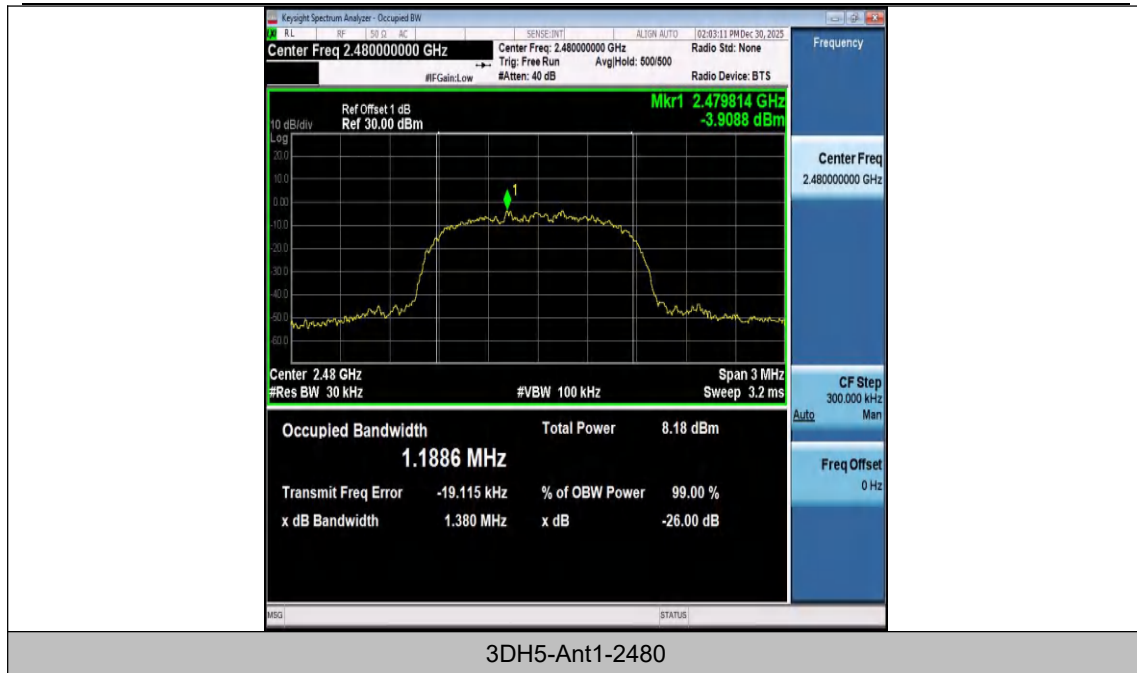




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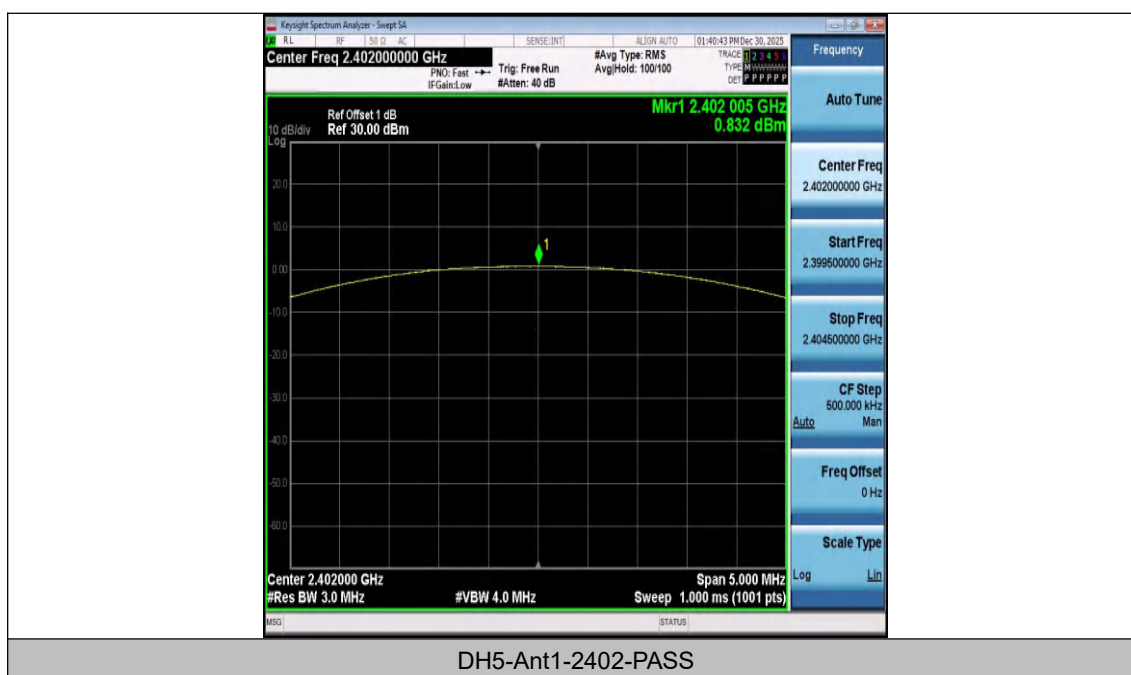
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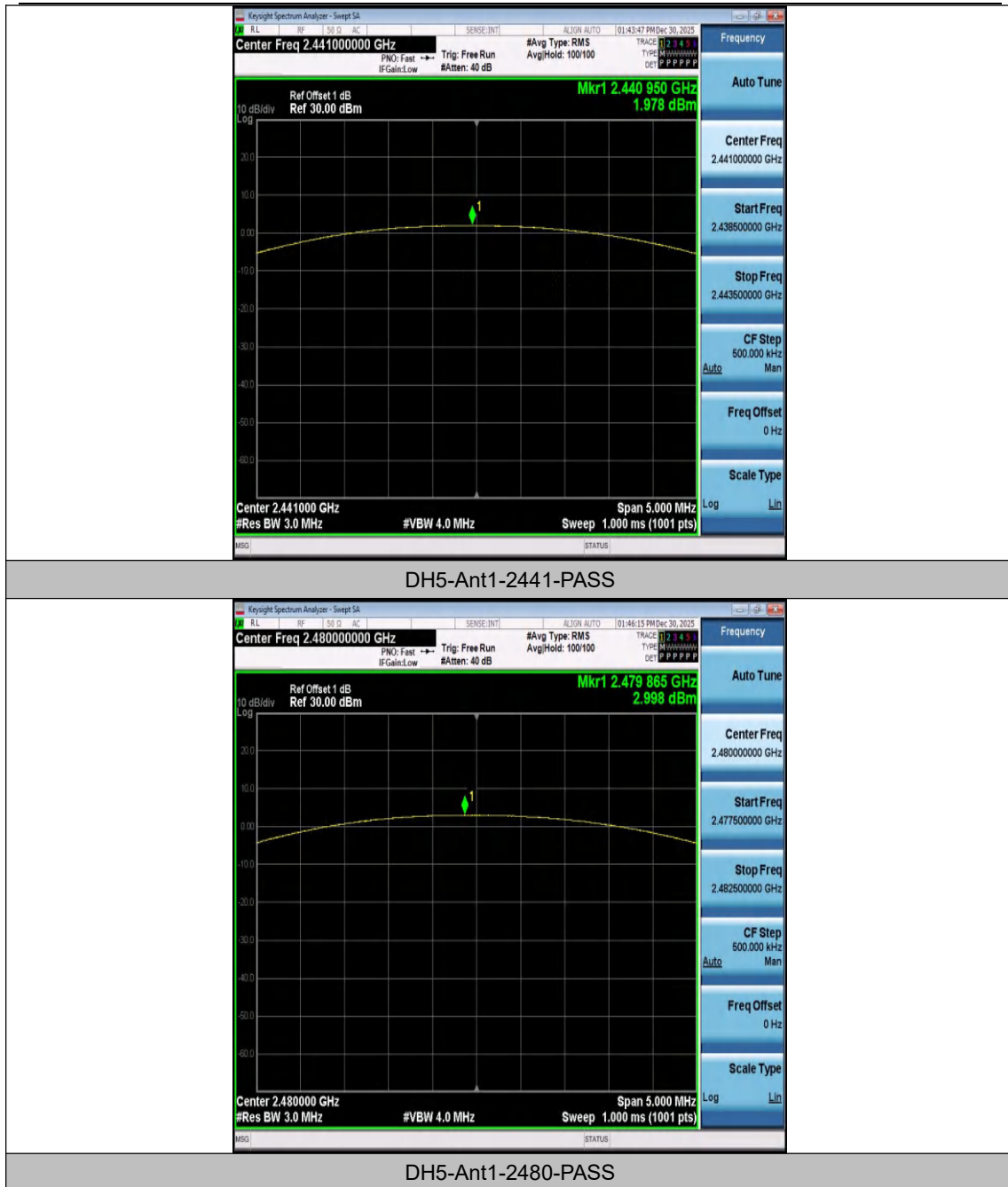
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.83	≤20.97	PASS
DH5	Ant1	2441	1.98	≤20.97	PASS
DH5	Ant1	2480	3.00	≤20.97	PASS
2DH5	Ant1	2402	-0.05	≤20.97	PASS
2DH5	Ant1	2441	1.13	≤20.97	PASS
2DH5	Ant1	2480	2.22	≤20.97	PASS
3DH5	Ant1	2402	0.35	≤20.97	PASS
3DH5	Ant1	2441	1.67	≤20.97	PASS
3DH5	Ant1	2480	2.67	≤20.97	PASS

Test Graphs

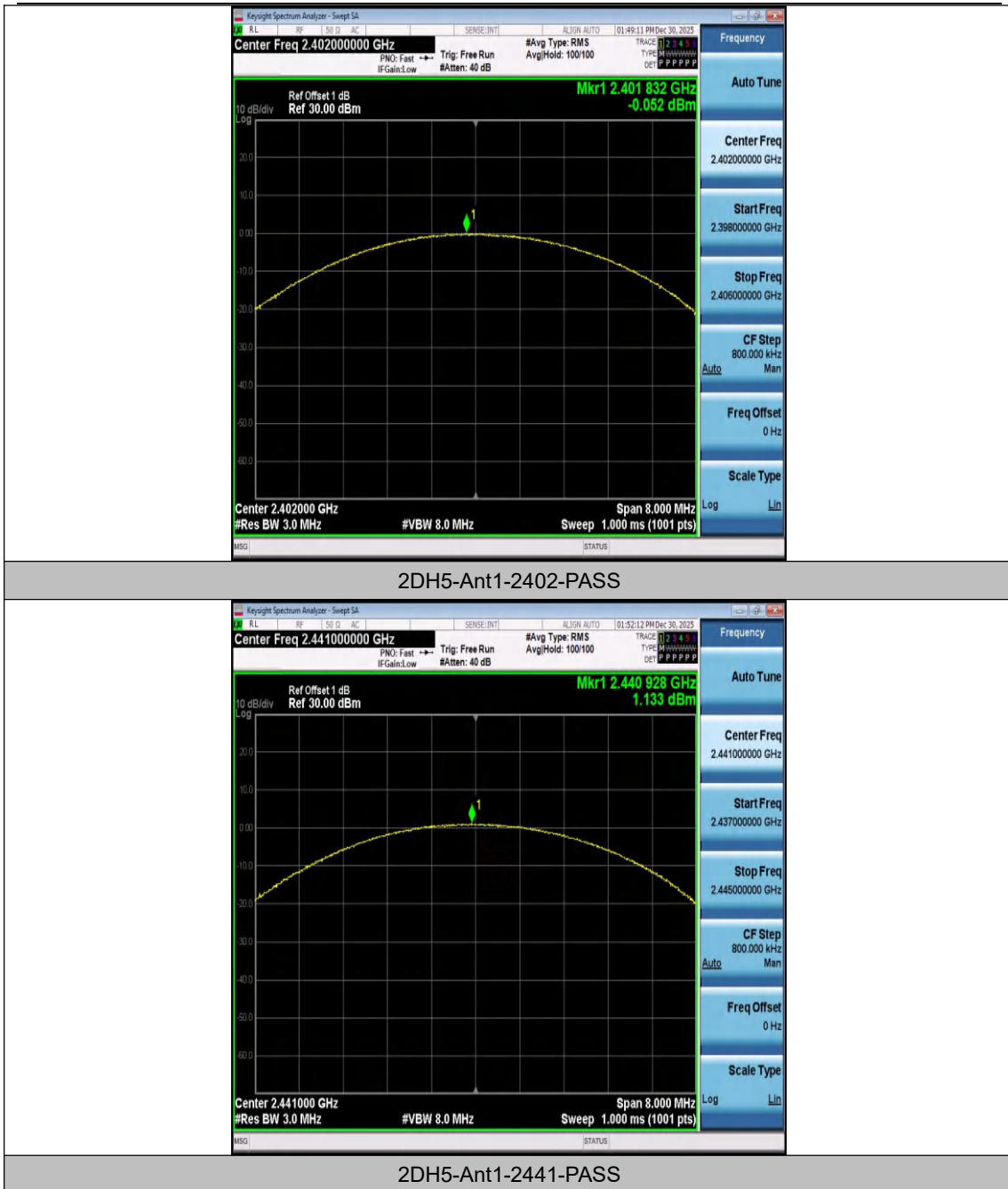




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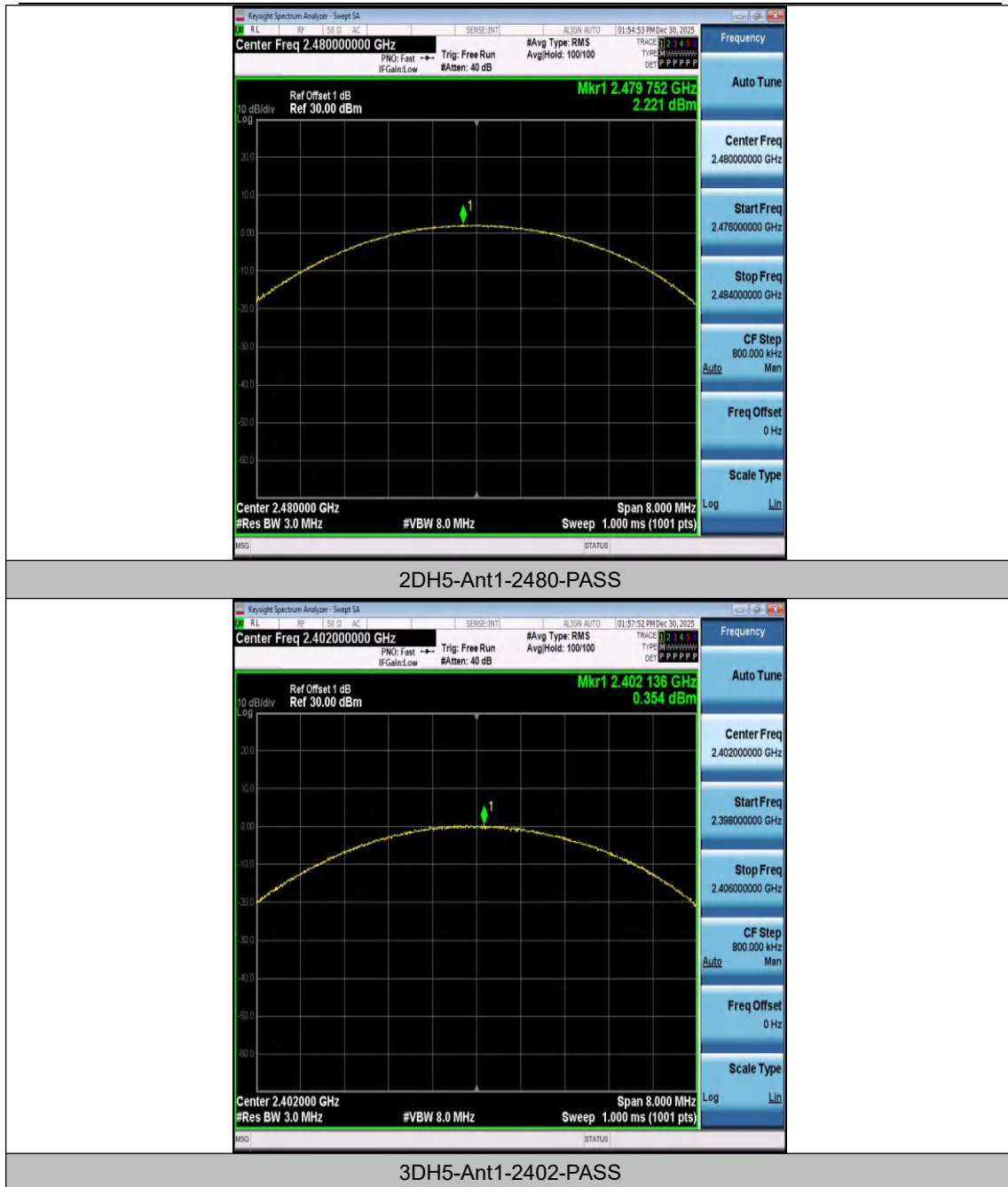
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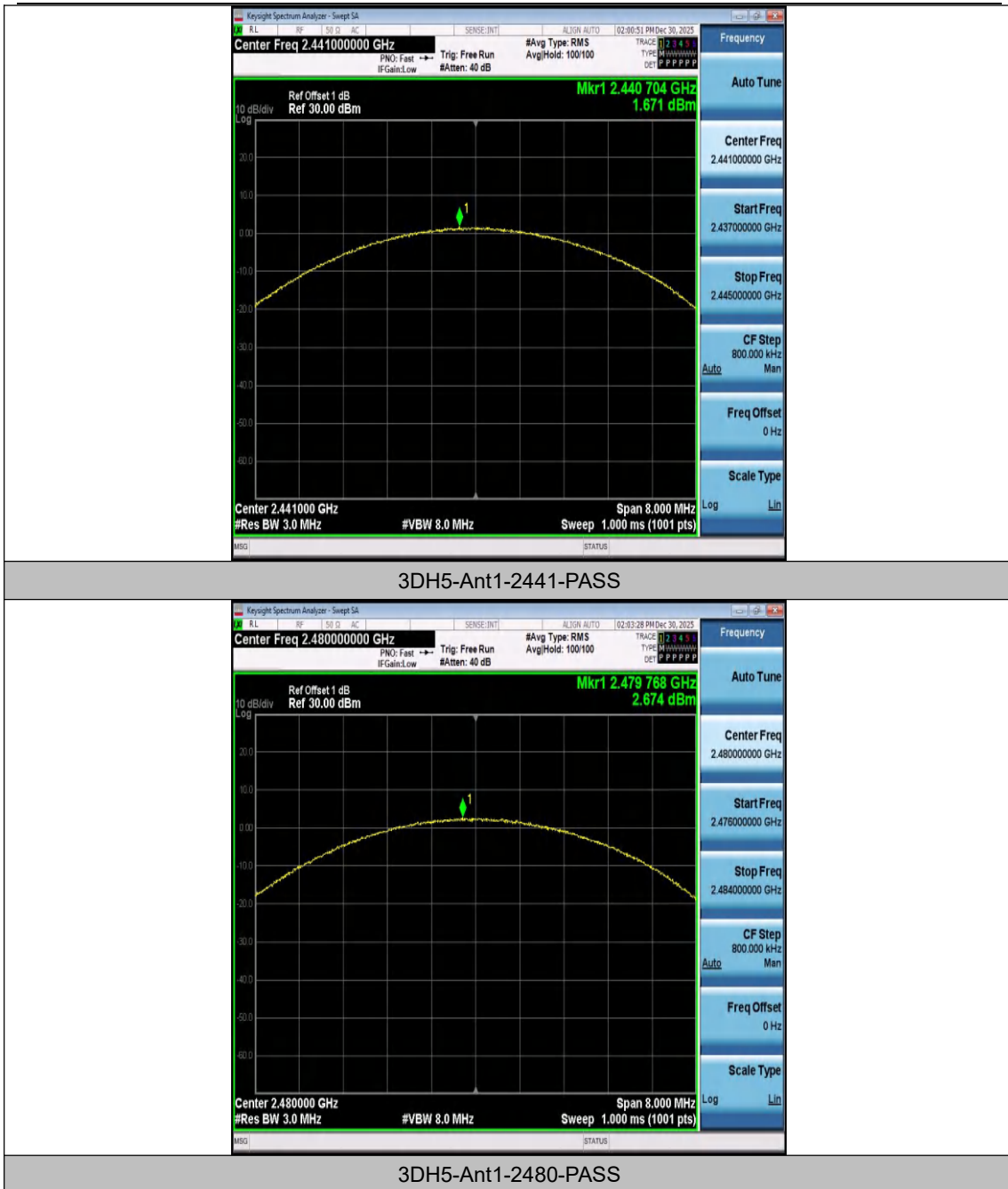
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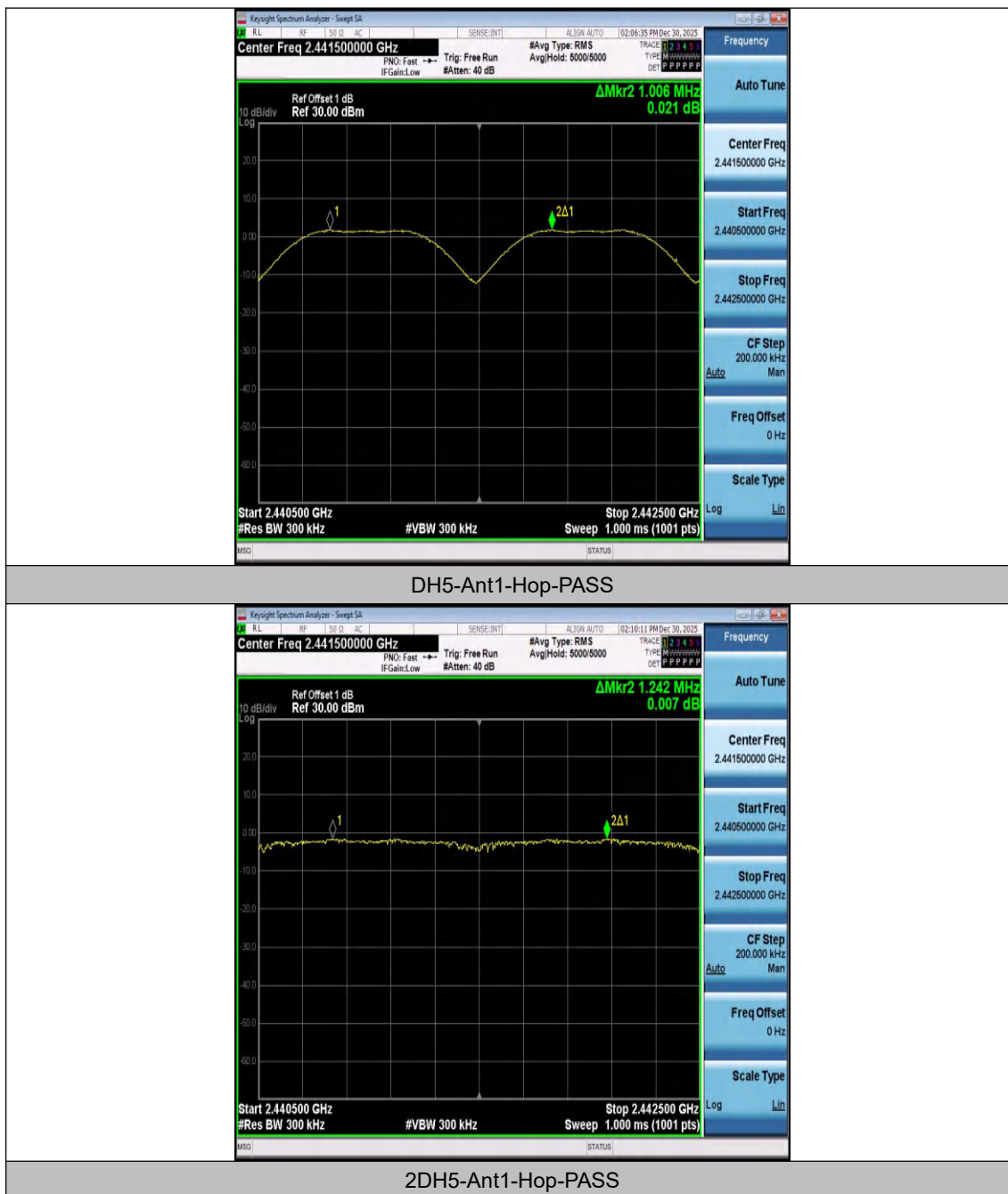
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.006	≥ 0.662	PASS
2DH5	Ant1	Hop	1.242	≥ 0.894	PASS
3DH5	Ant1	Hop	1.412	≥ 0.898	PASS

Test Graphs





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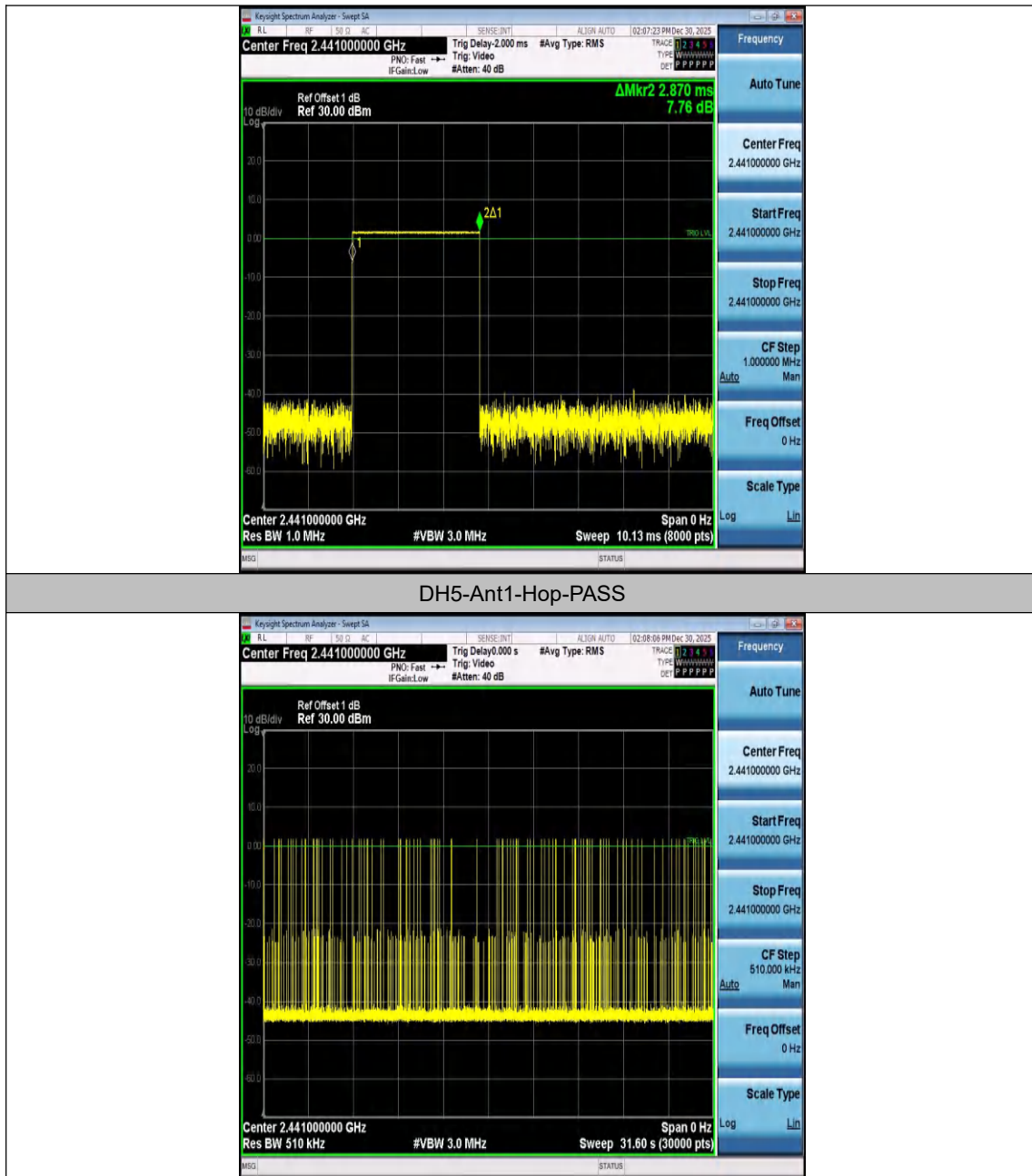
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.870	100	0.287	≤0.4	PASS
2DH5	Ant1	Hop	2.877	115	0.331	≤0.4	PASS
3DH5	Ant1	Hop	2.878	115	0.331	≤0.4	PASS

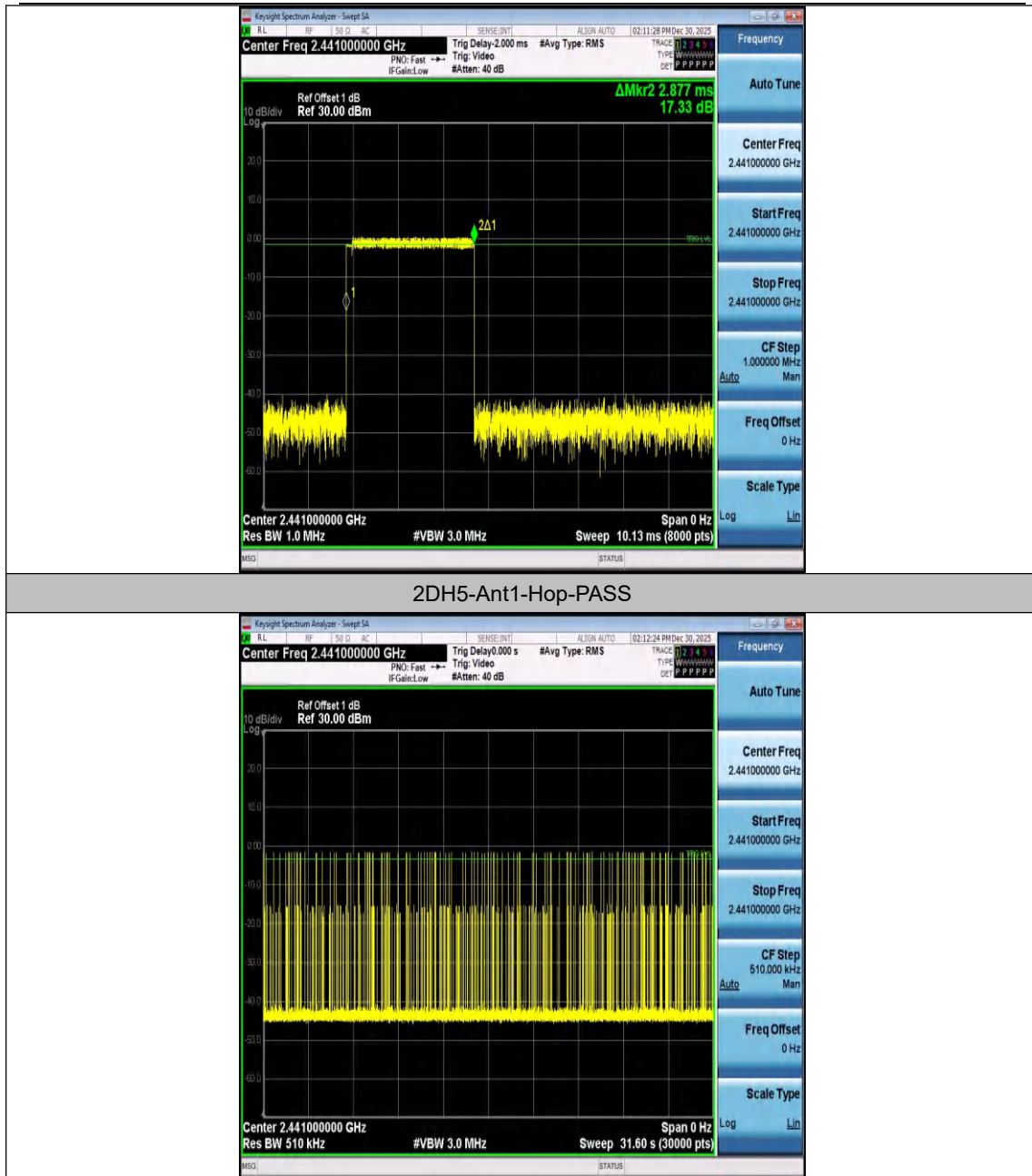
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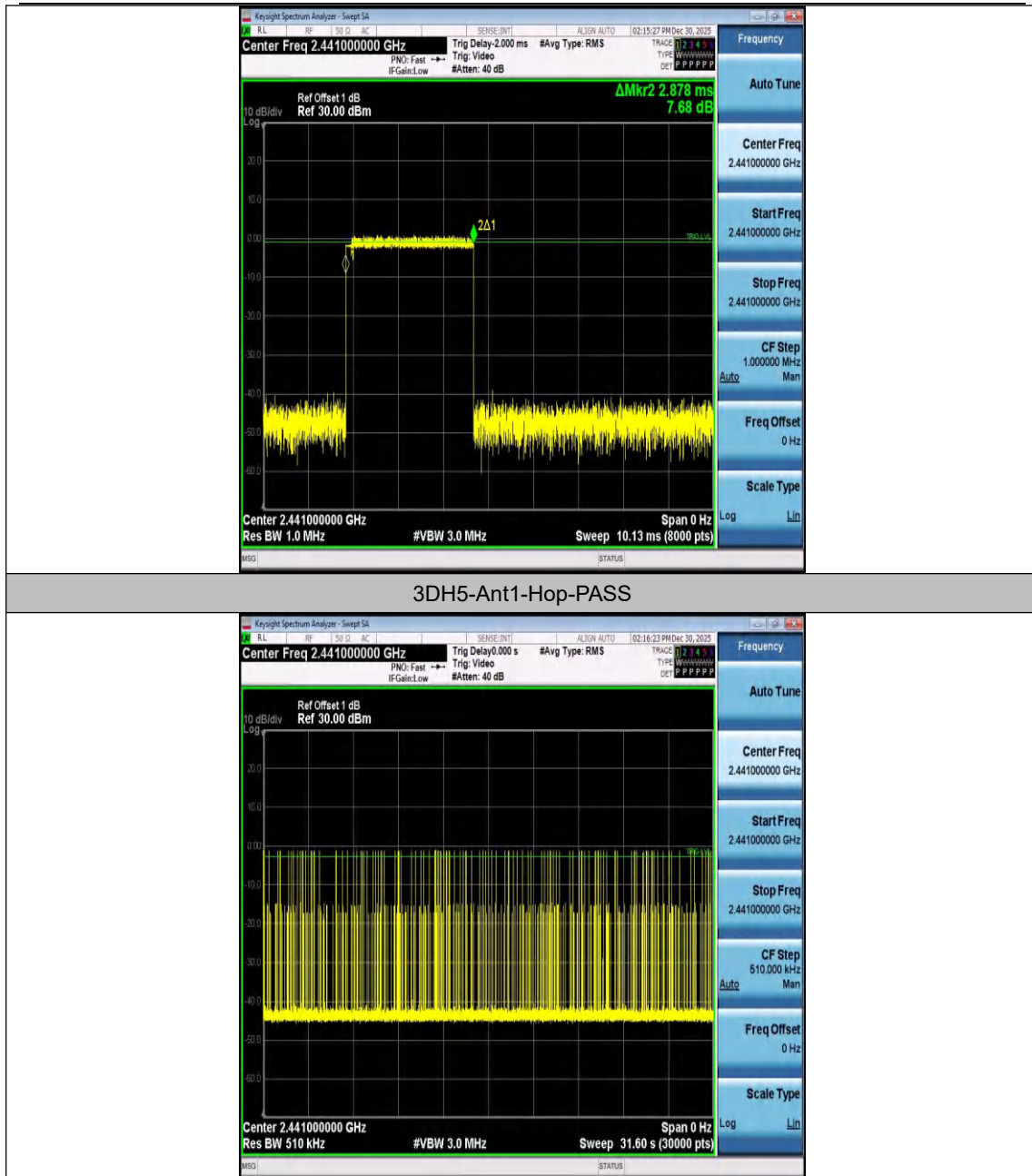
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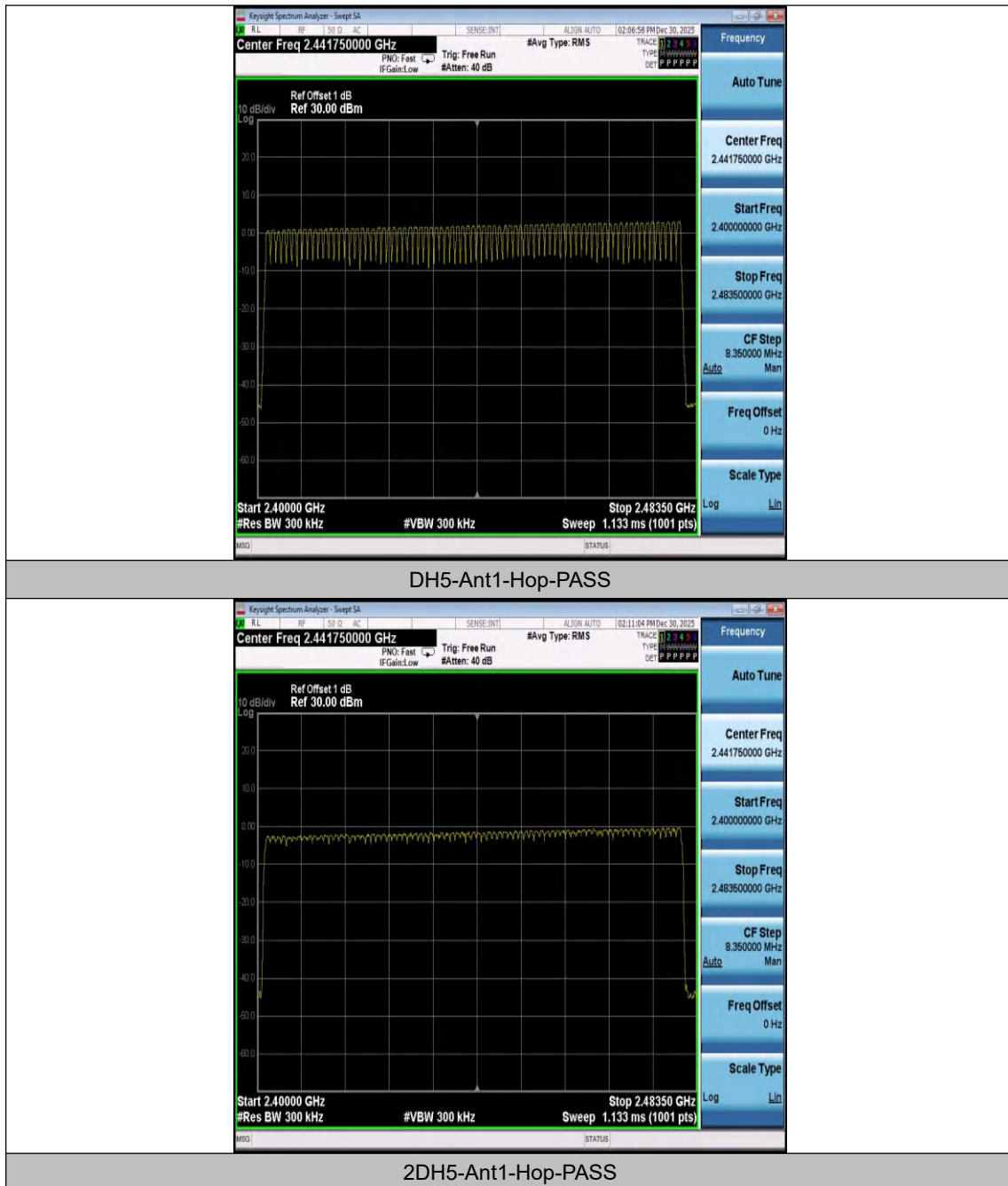
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Appendix F: Number of Hopping Channel

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

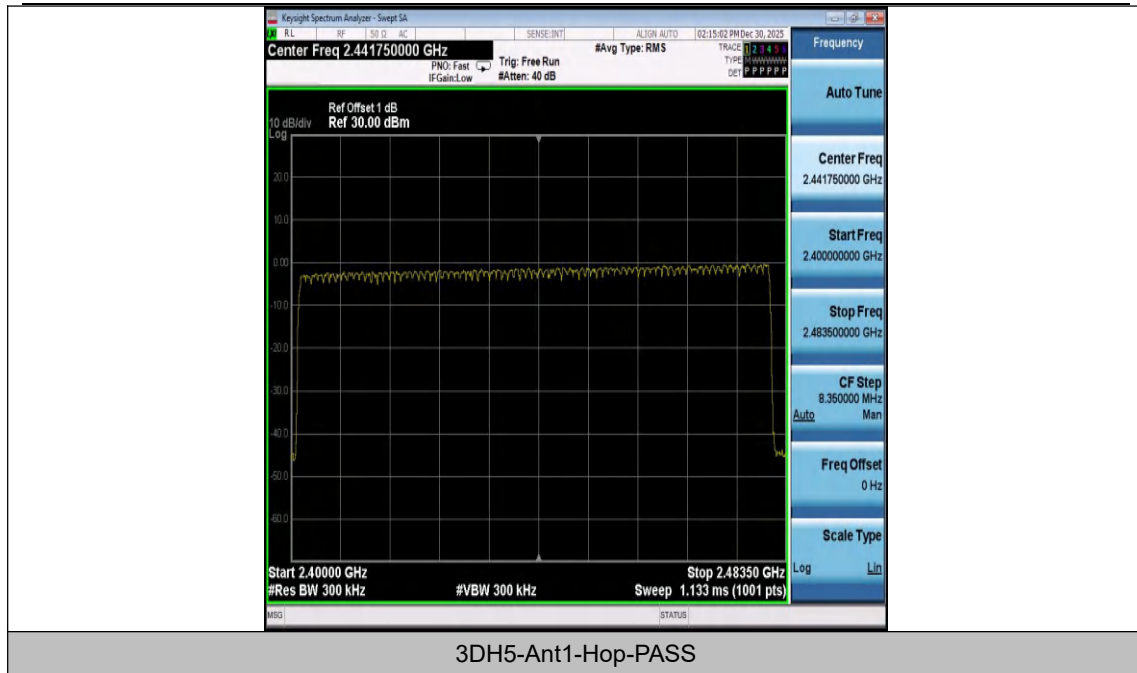
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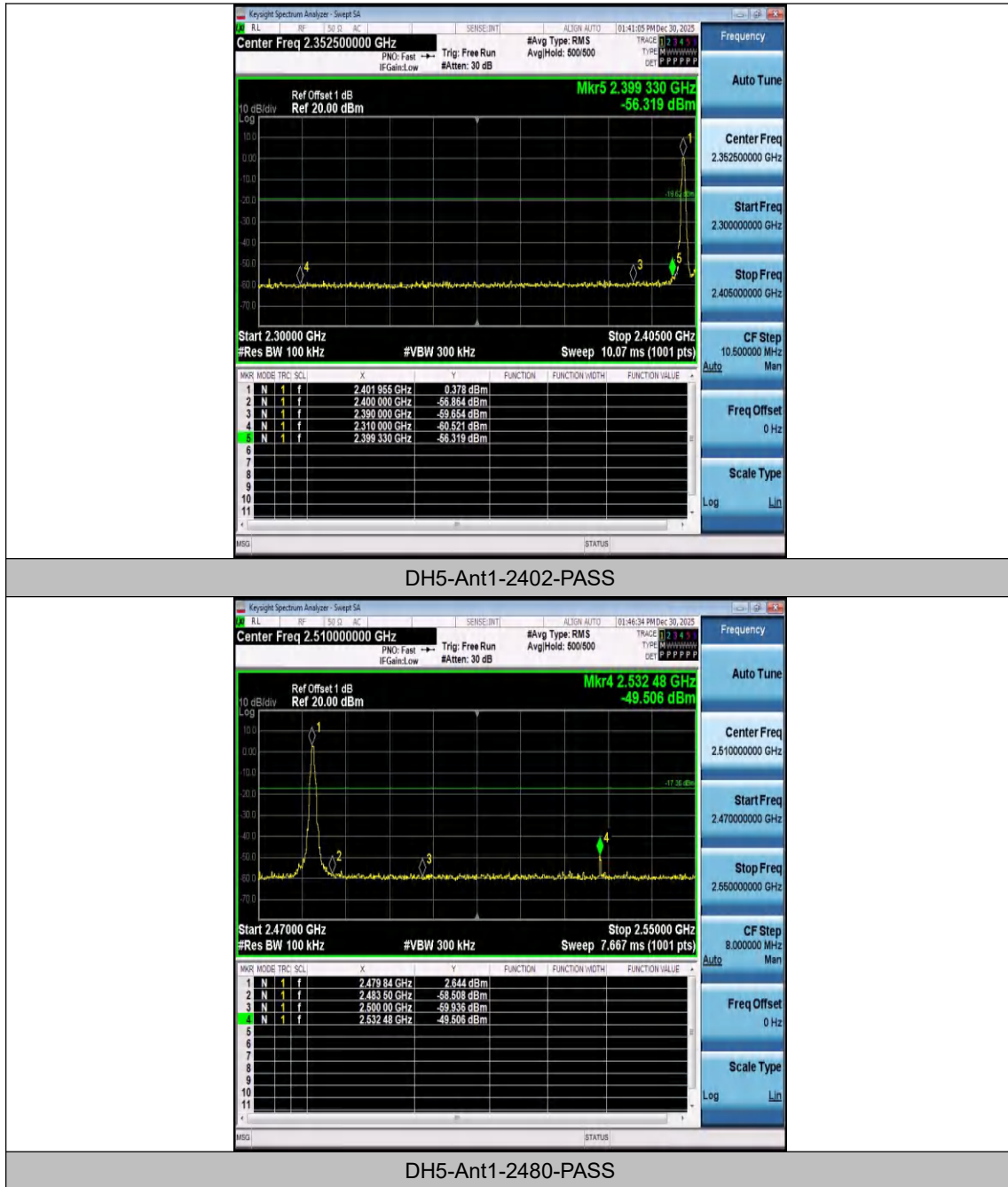
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.38	-56.32	≤ -19.62	PASS
DH5	Ant1	High	2480	2.64	-49.51	≤ -17.36	PASS
DH5	Ant1	Low	Hop_2402	0.55	-57.97	≤ -19.45	PASS
DH5	Ant1	High	Hop_2480	2.29	-56.86	≤ -17.71	PASS
2DH5	Ant1	Low	2402	-3.48	-56.65	≤ -23.48	PASS
2DH5	Ant1	High	2480	-1.32	-56.32	≤ -21.32	PASS
2DH5	Ant1	Low	Hop_2402	-4.95	-57.58	≤ -24.95	PASS
2DH5	Ant1	High	Hop_2480	-2.00	-57.71	≤ -22	PASS
3DH5	Ant1	Low	2402	-3.13	-57.88	≤ -23.13	PASS
3DH5	Ant1	High	2480	-1.61	-51.97	≤ -21.61	PASS
3DH5	Ant1	Low	Hop_2402	-5.54	-57.98	≤ -25.54	PASS
3DH5	Ant1	High	Hop_2480	-2.99	-56.69	≤ -22.99	PASS

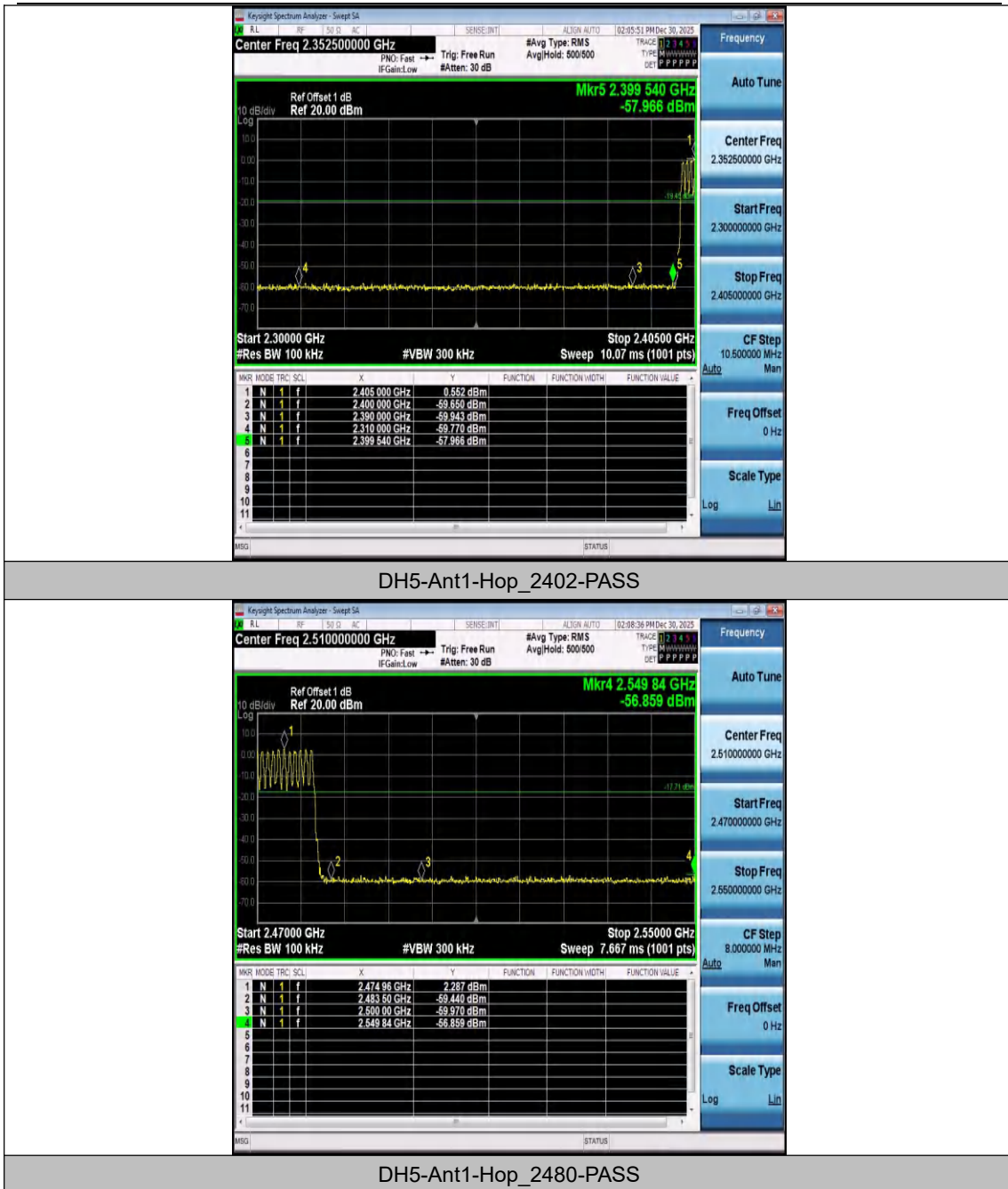
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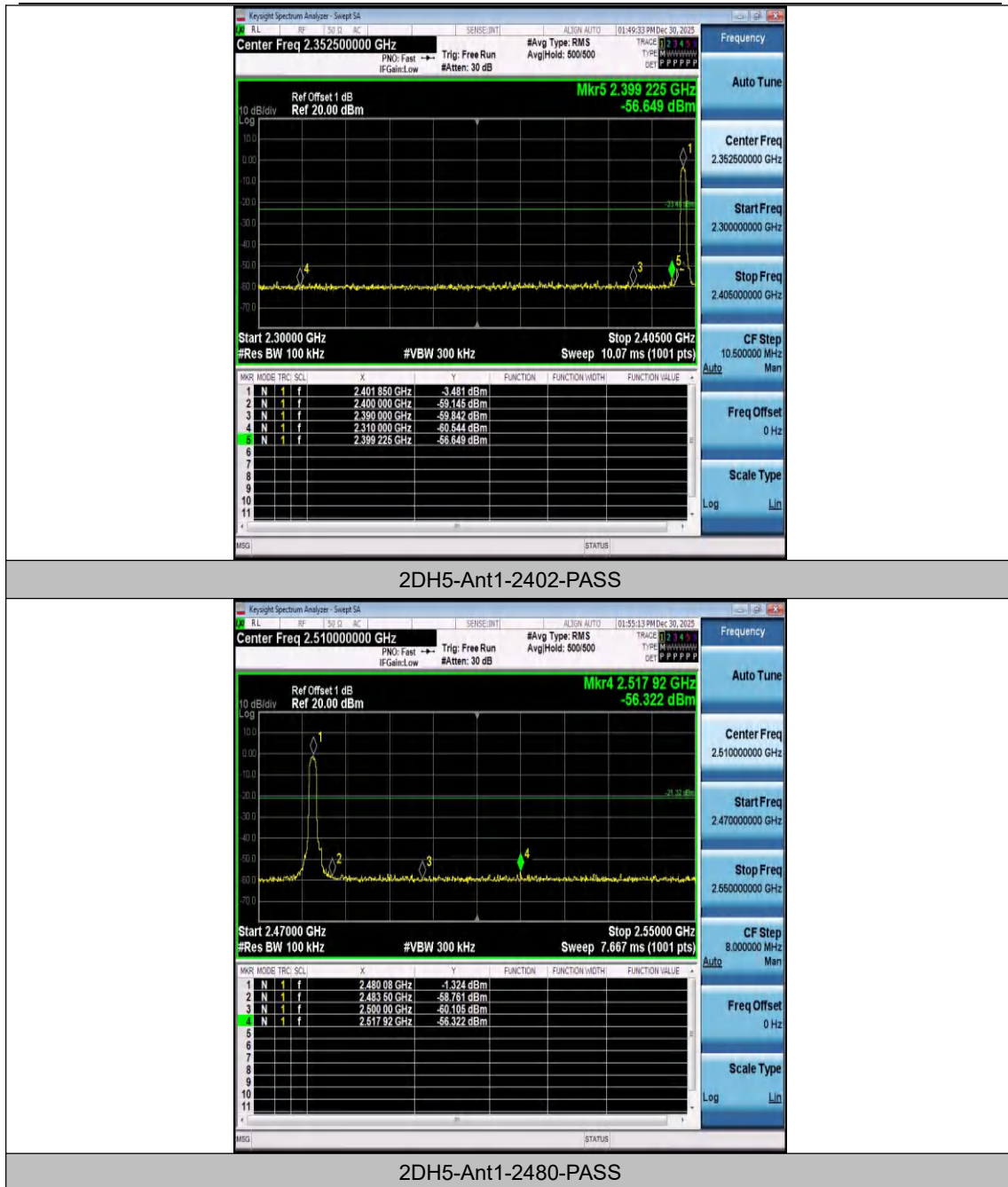
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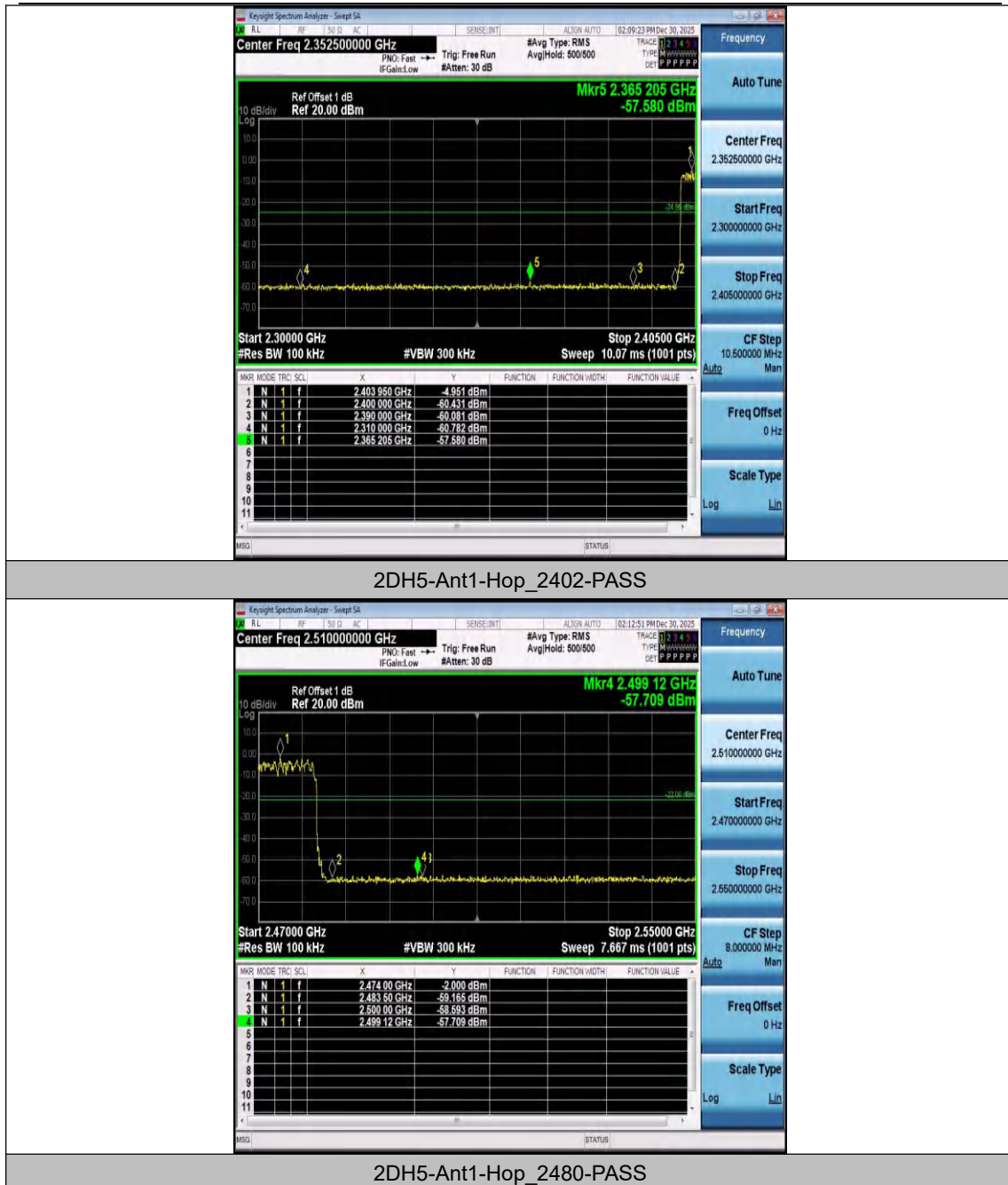


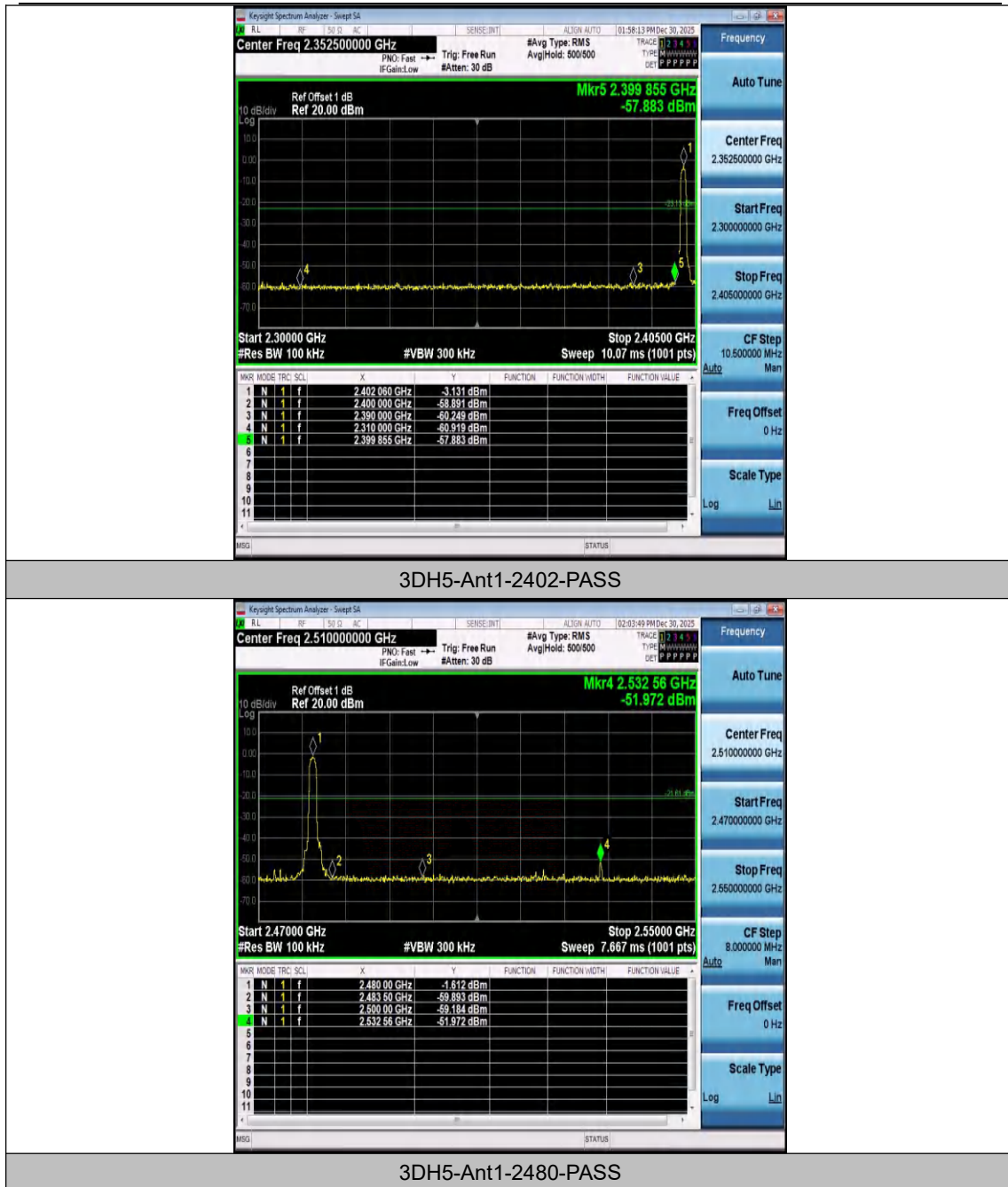
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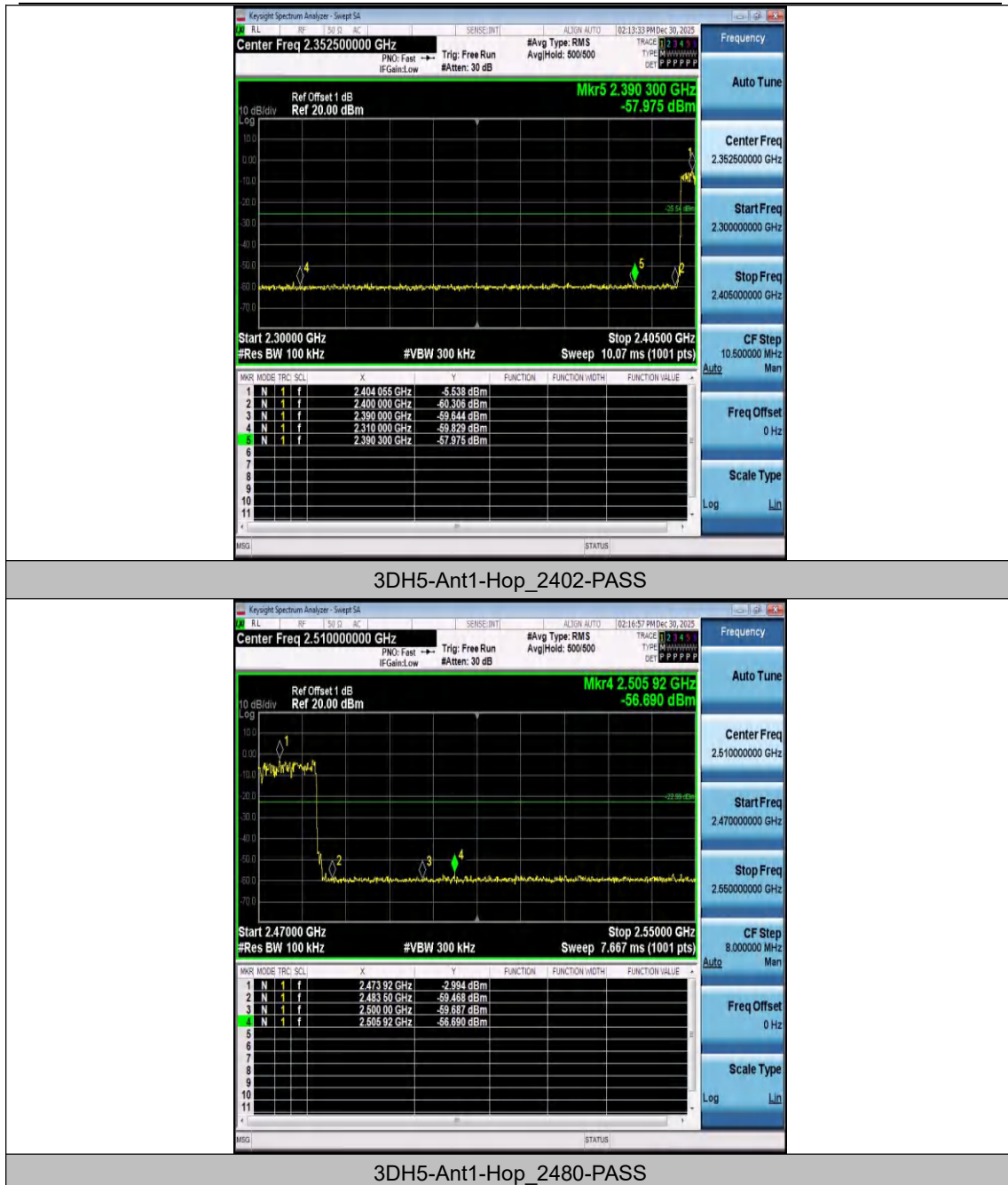




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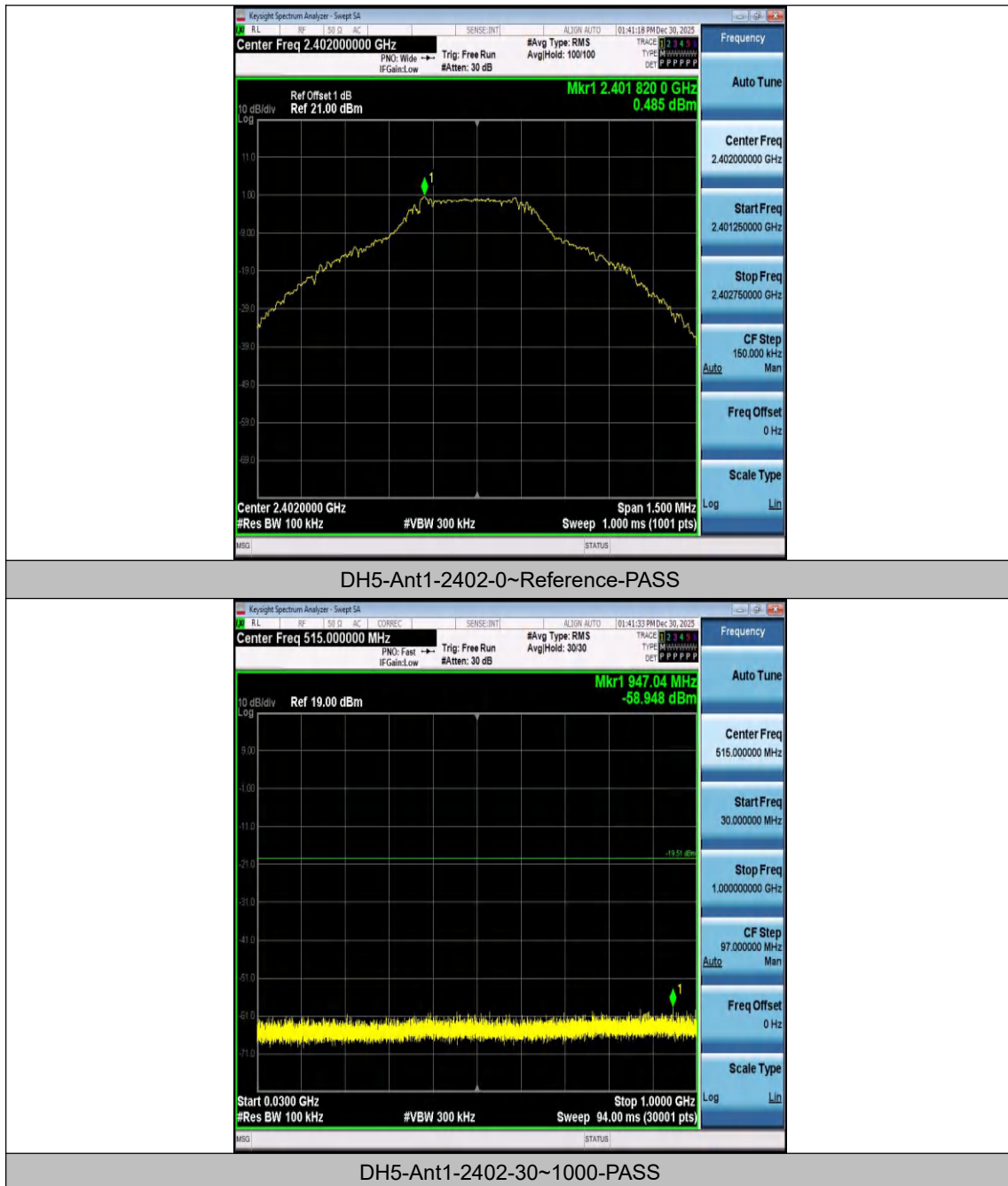
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.49	0.49	---	PASS
DH5	Ant1	2402	30~1000	0.49	-58.95	≤-19.51	PASS
DH5	Ant1	2402	1000~26500	0.49	-48.91	≤-19.51	PASS
DH5	Ant1	2441	0~Reference	1.48	1.48	---	PASS
DH5	Ant1	2441	30~1000	1.48	-58.99	≤-18.52	PASS
DH5	Ant1	2441	1000~26500	1.48	-49.13	≤-18.52	PASS
DH5	Ant1	2480	0~Reference	2.37	2.37	---	PASS
DH5	Ant1	2480	30~1000	2.37	-59.23	≤-17.63	PASS
DH5	Ant1	2480	1000~26500	2.37	-47.88	≤-17.63	PASS
2DH5	Ant1	2402	0~Reference	-3.06	-3.06	---	PASS
2DH5	Ant1	2402	30~1000	-3.06	-59.1	≤-23.06	PASS
2DH5	Ant1	2402	1000~26500	-3.06	-48.89	≤-23.06	PASS
2DH5	Ant1	2441	0~Reference	-1.96	-1.96	---	PASS
2DH5	Ant1	2441	30~1000	-1.96	-59.72	≤-21.96	PASS
2DH5	Ant1	2441	1000~26500	-1.96	-48.19	≤-21.96	PASS
2DH5	Ant1	2480	0~Reference	-0.72	-0.72	---	PASS
2DH5	Ant1	2480	30~1000	-0.72	-59.62	≤-20.72	PASS
2DH5	Ant1	2480	1000~26500	-0.72	-48.06	≤-20.72	PASS
3DH5	Ant1	2402	0~Reference	-2.96	-2.96	---	PASS
3DH5	Ant1	2402	30~1000	-2.96	-58.86	≤-22.96	PASS
3DH5	Ant1	2402	1000~26500	-2.96	-48.99	≤-22.96	PASS
3DH5	Ant1	2441	0~Reference	-1.97	-1.97	---	PASS
3DH5	Ant1	2441	30~1000	-1.97	-59.08	≤-21.97	PASS
3DH5	Ant1	2441	1000~26500	-1.97	-49	≤-21.97	PASS
3DH5	Ant1	2480	0~Reference	-0.78	-0.78	---	PASS
3DH5	Ant1	2480	30~1000	-0.78	-59.46	≤-20.78	PASS
3DH5	Ant1	2480	1000~26500	-0.78	-49.25	≤-20.78	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.

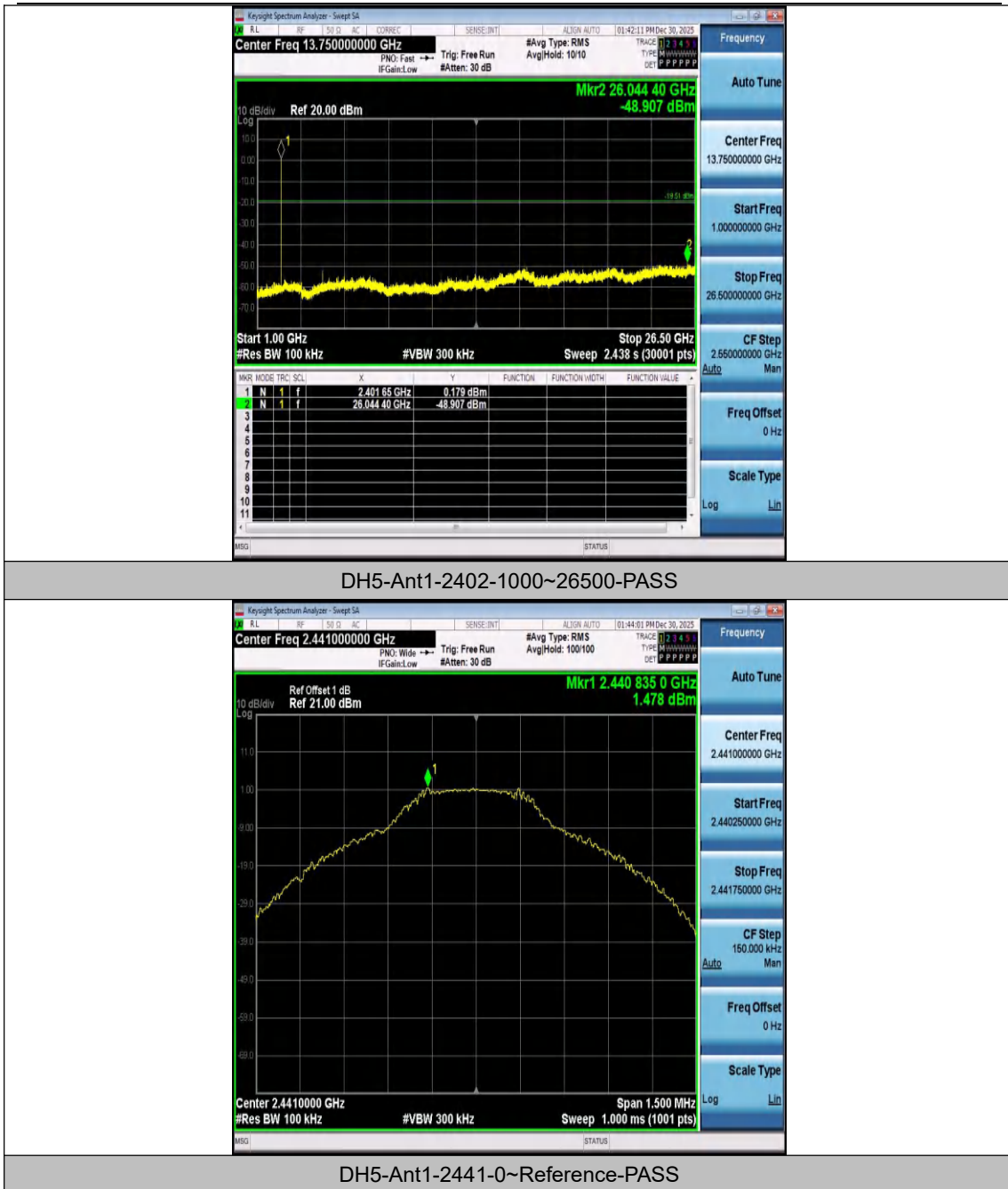
Test Graphs



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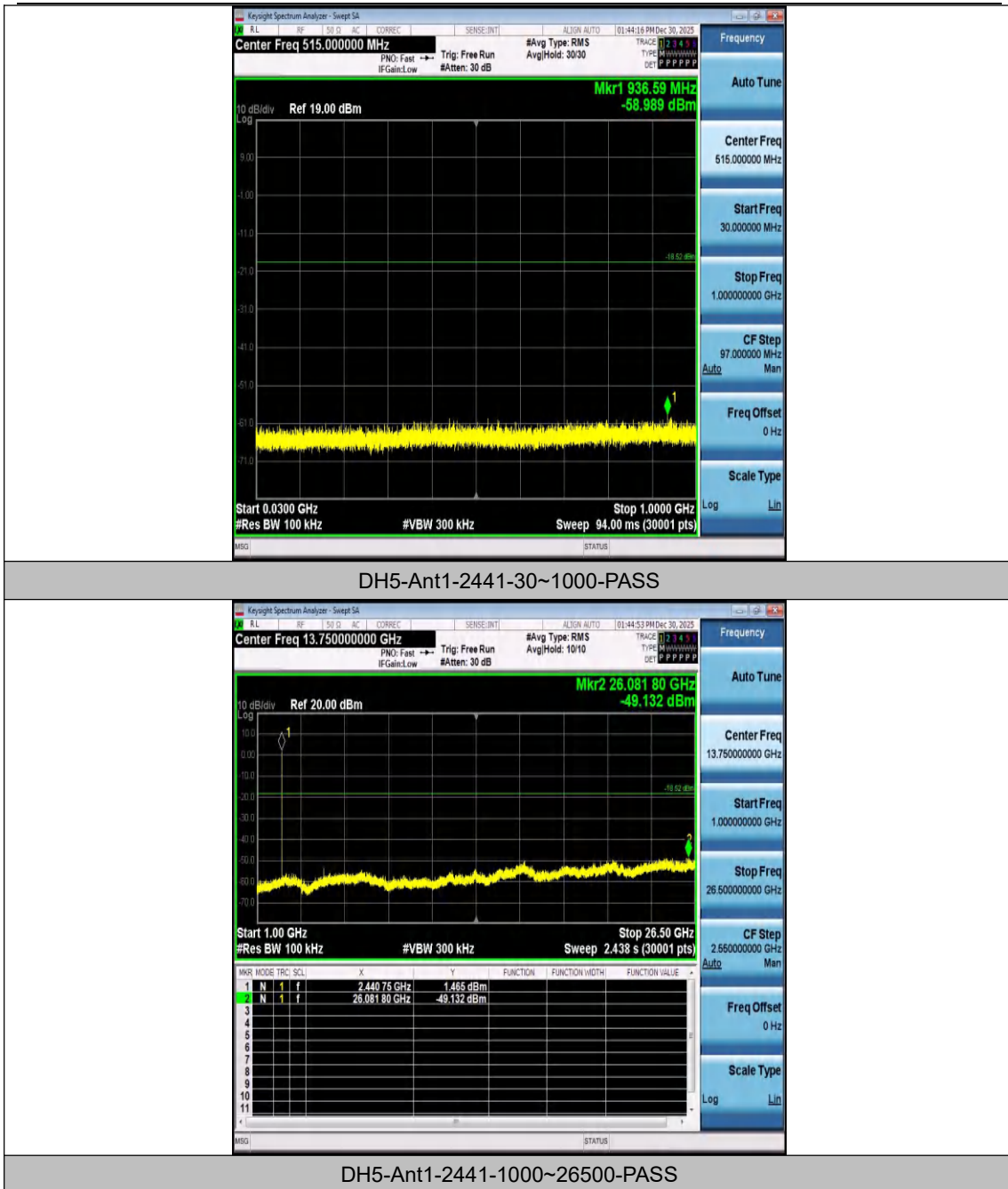
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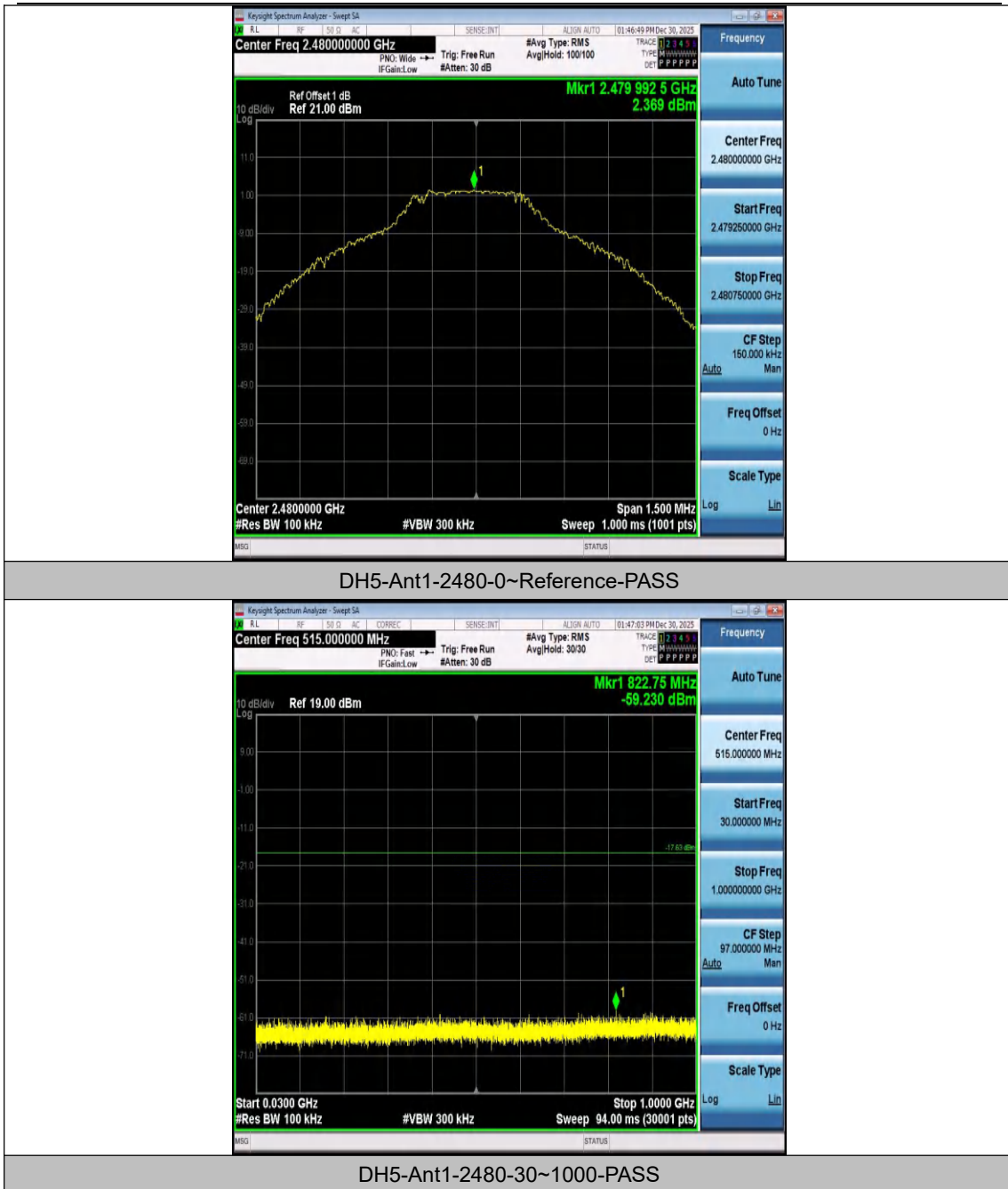
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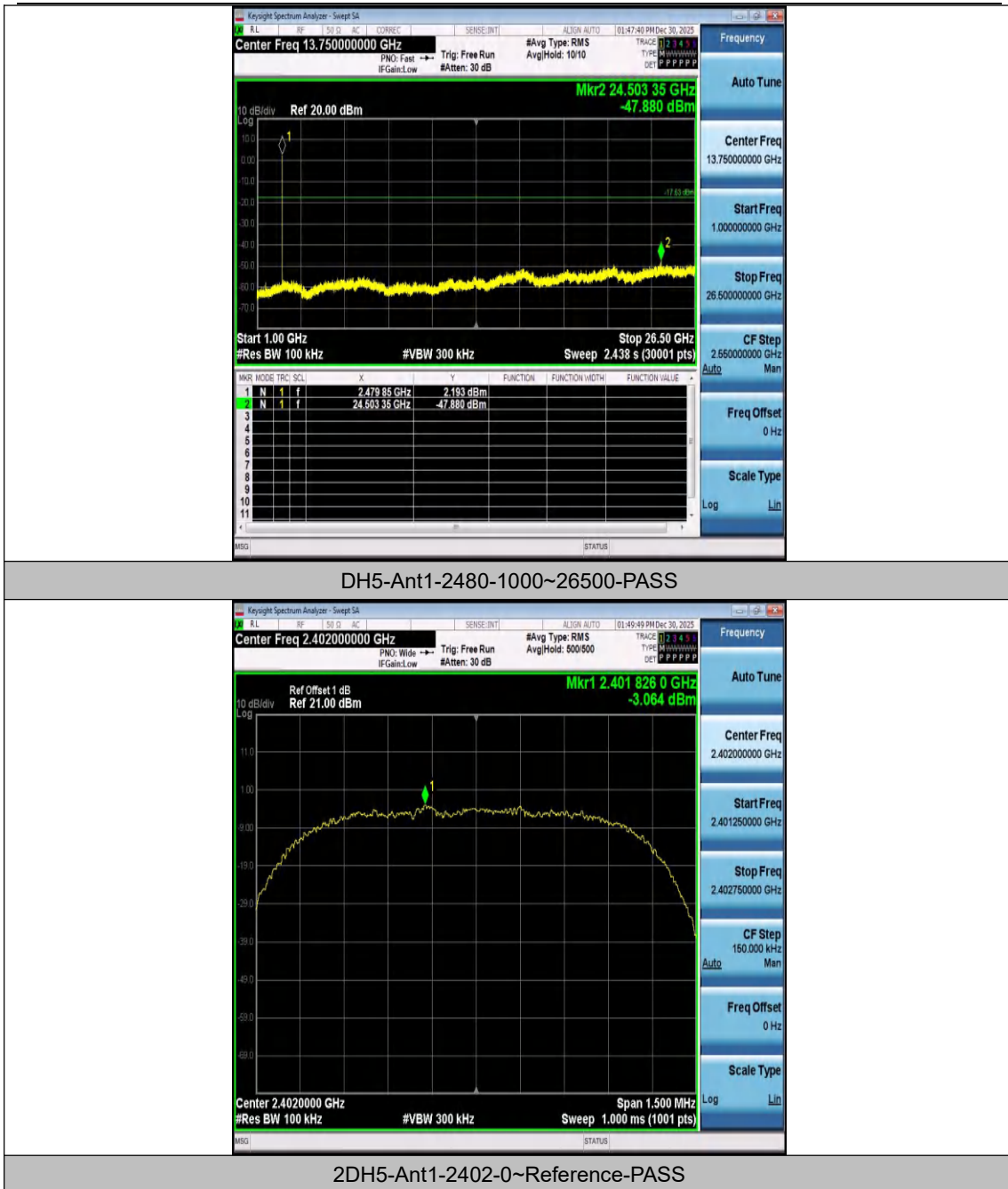
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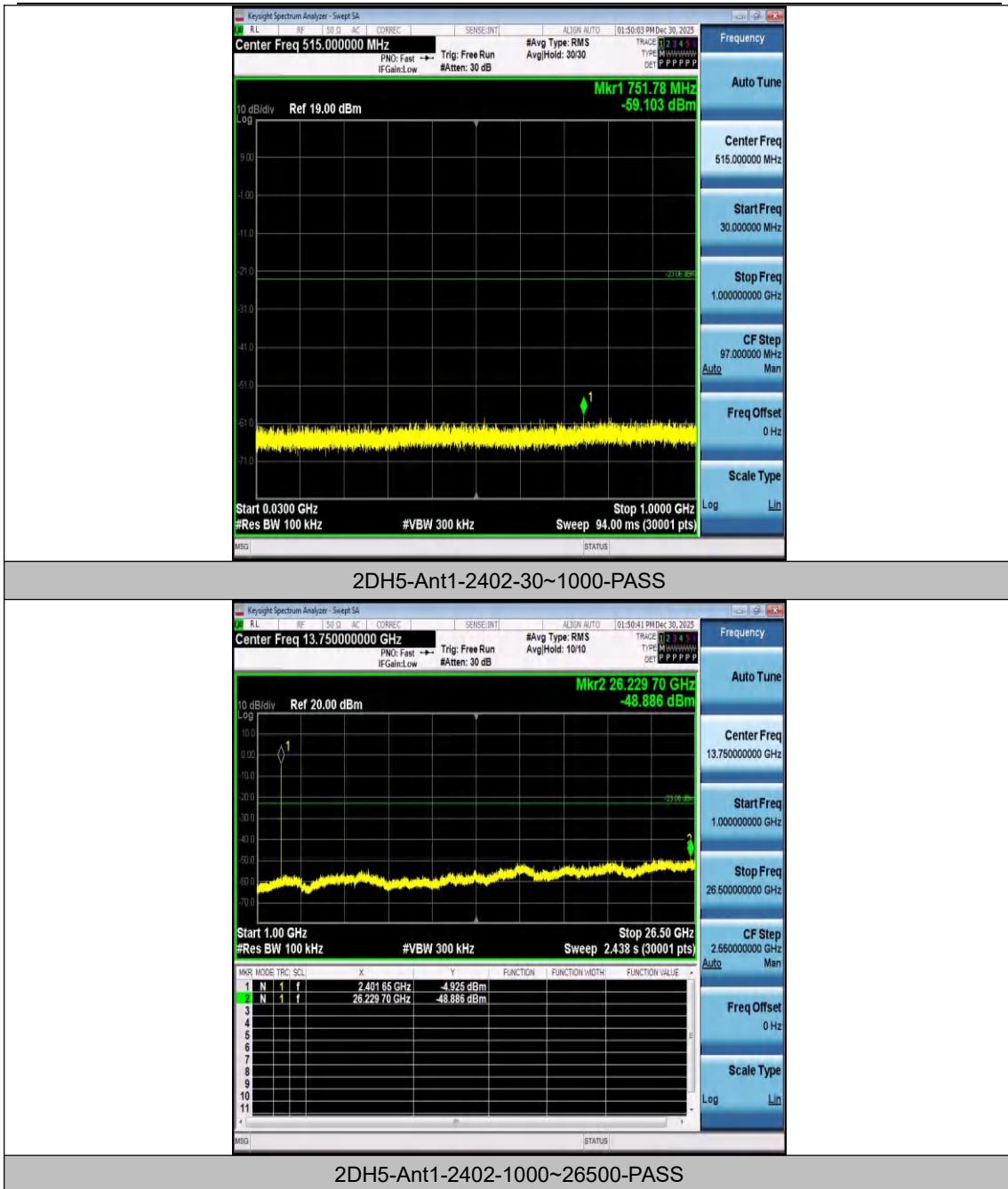
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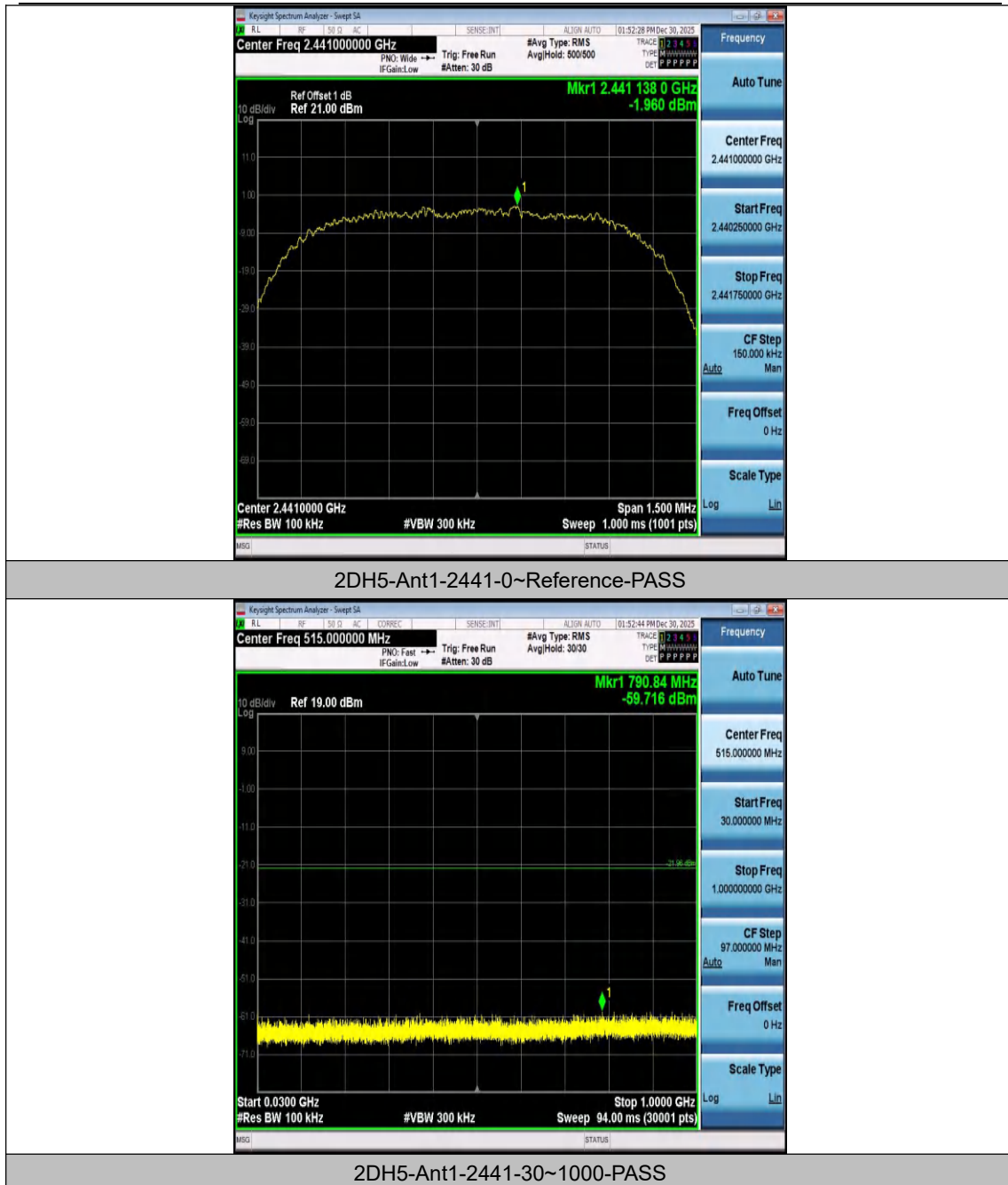
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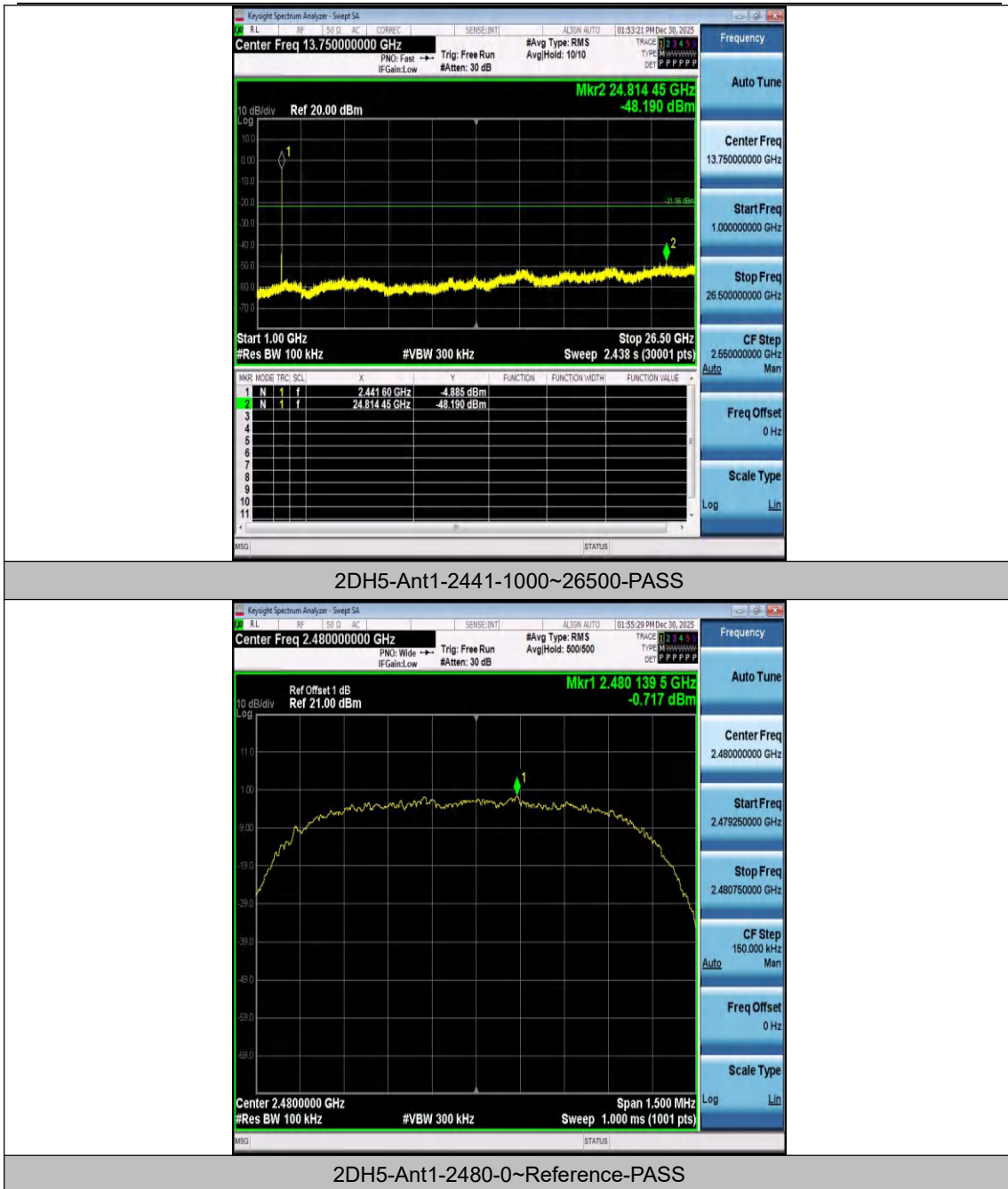
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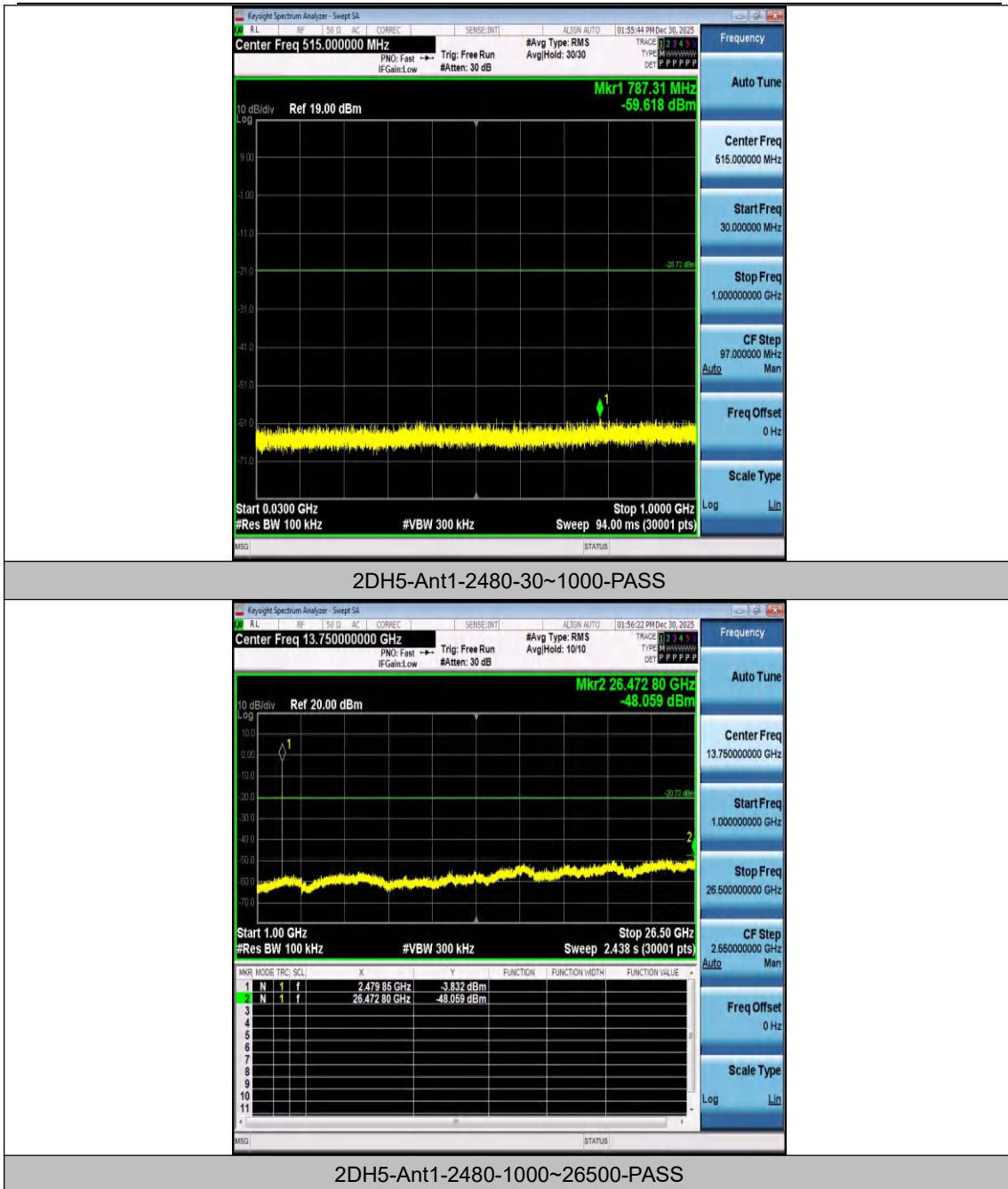
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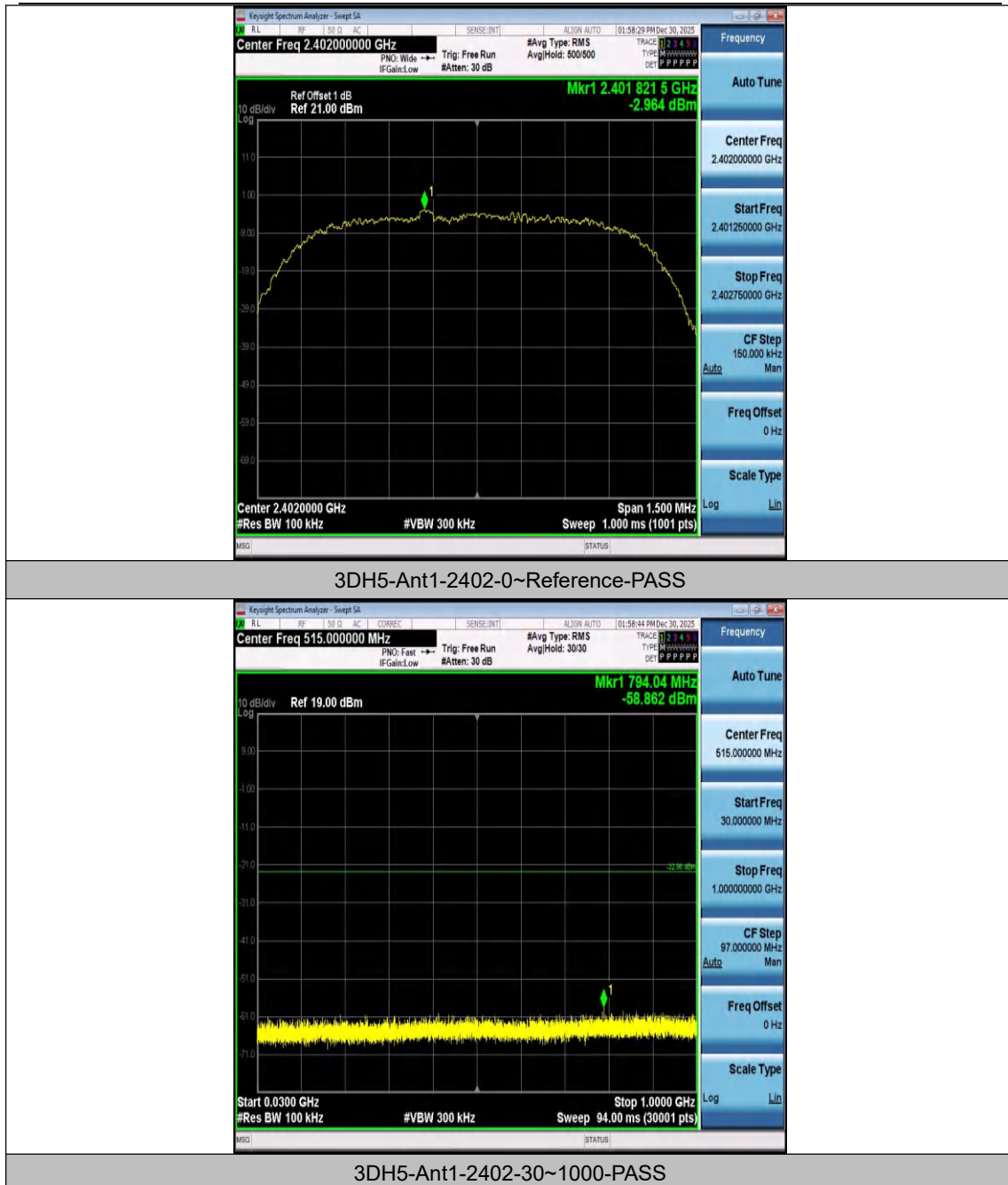


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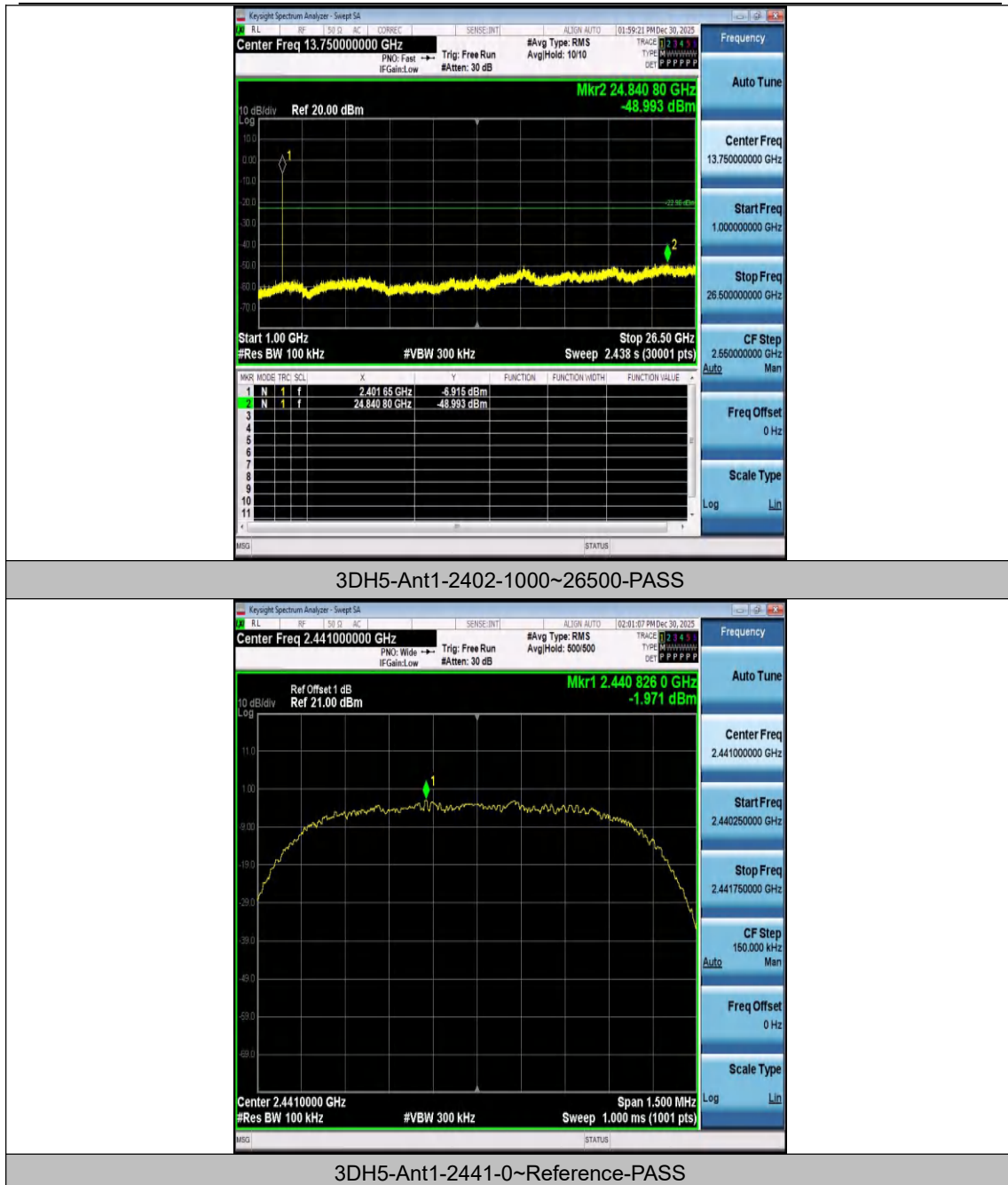


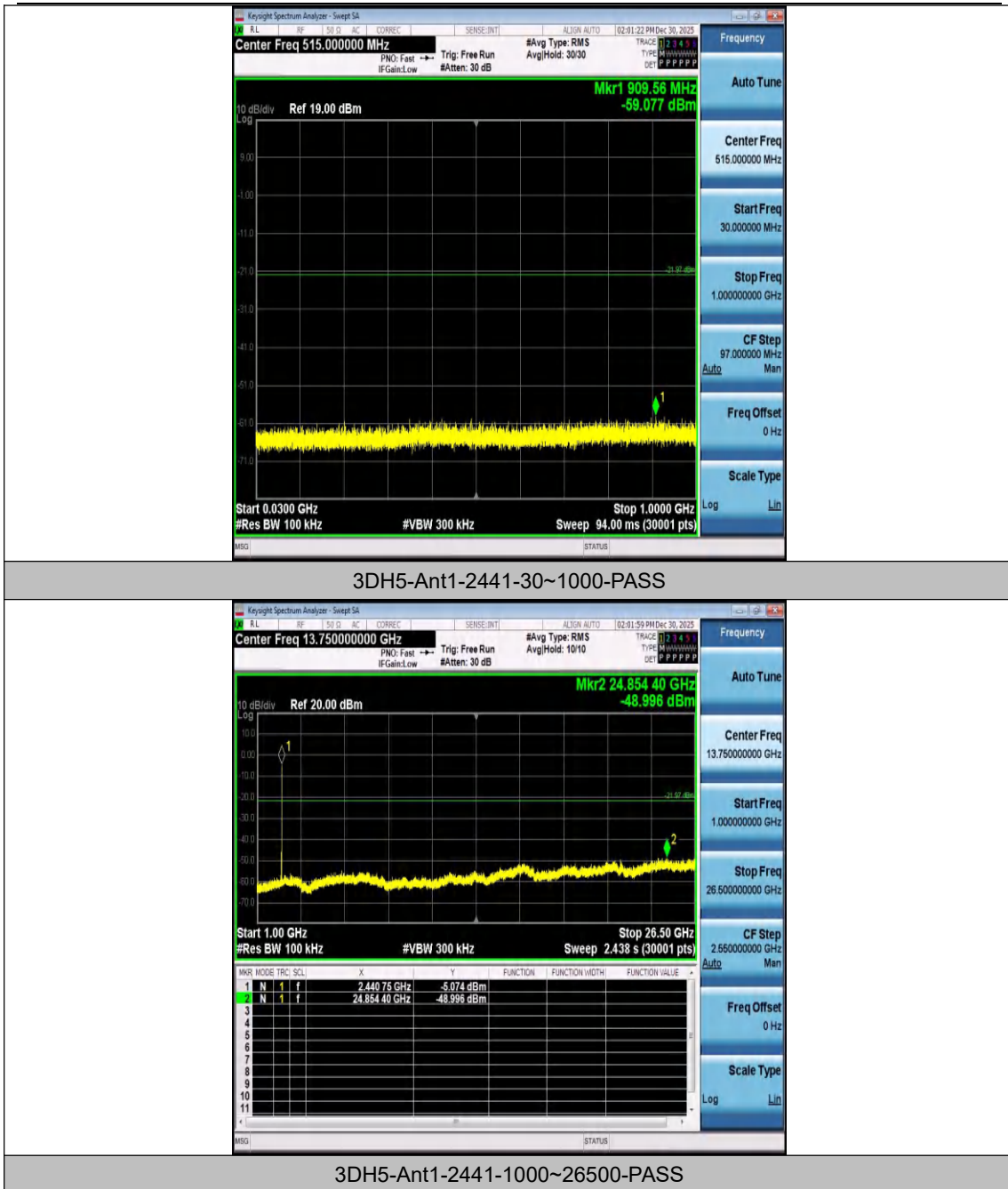


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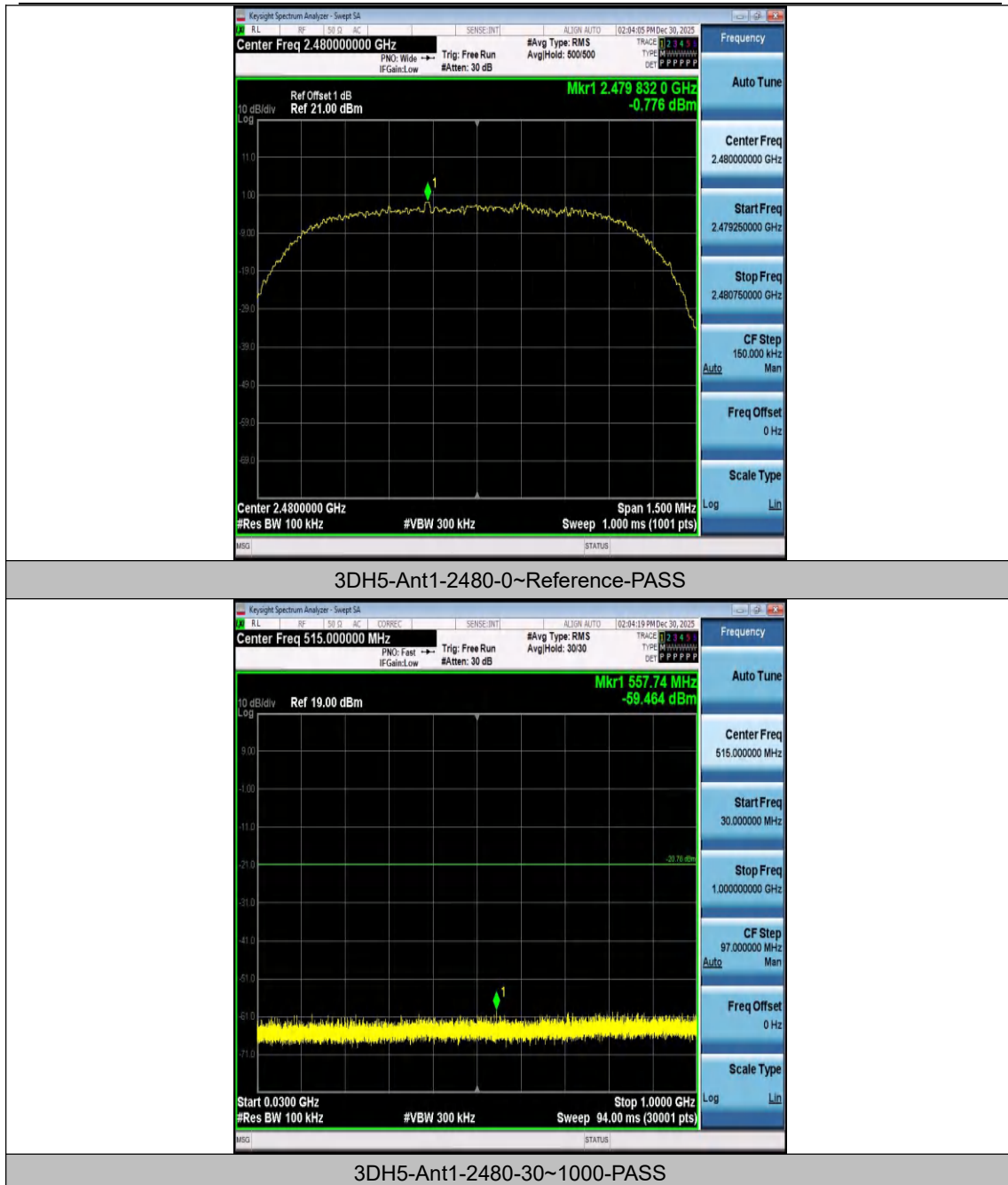




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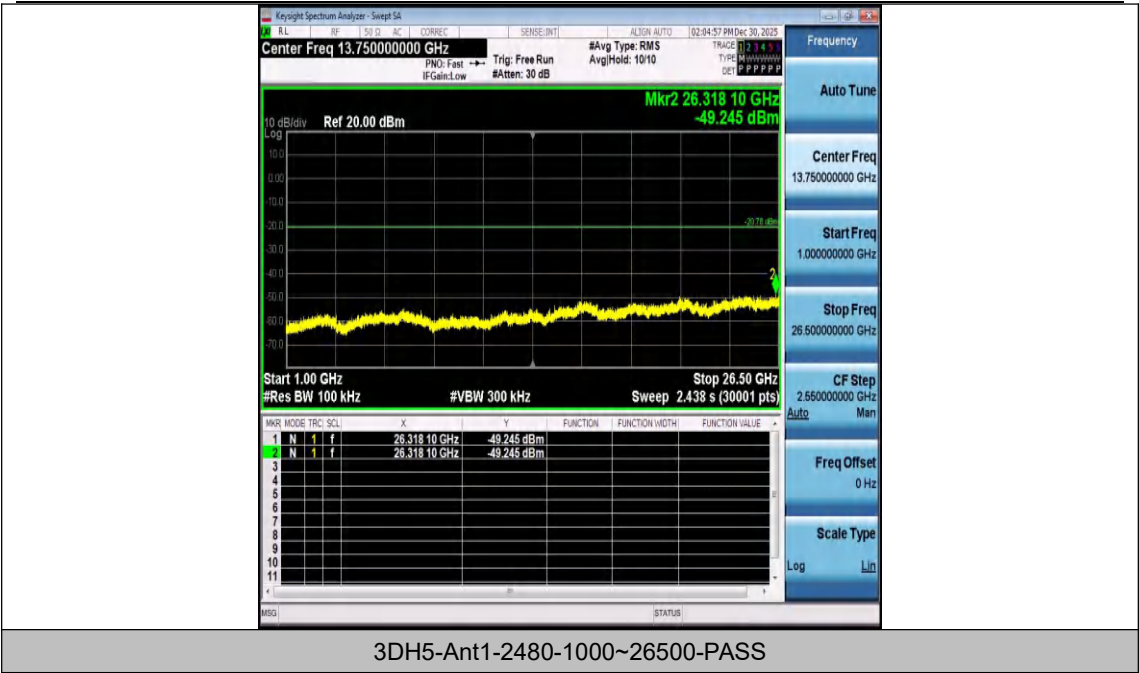
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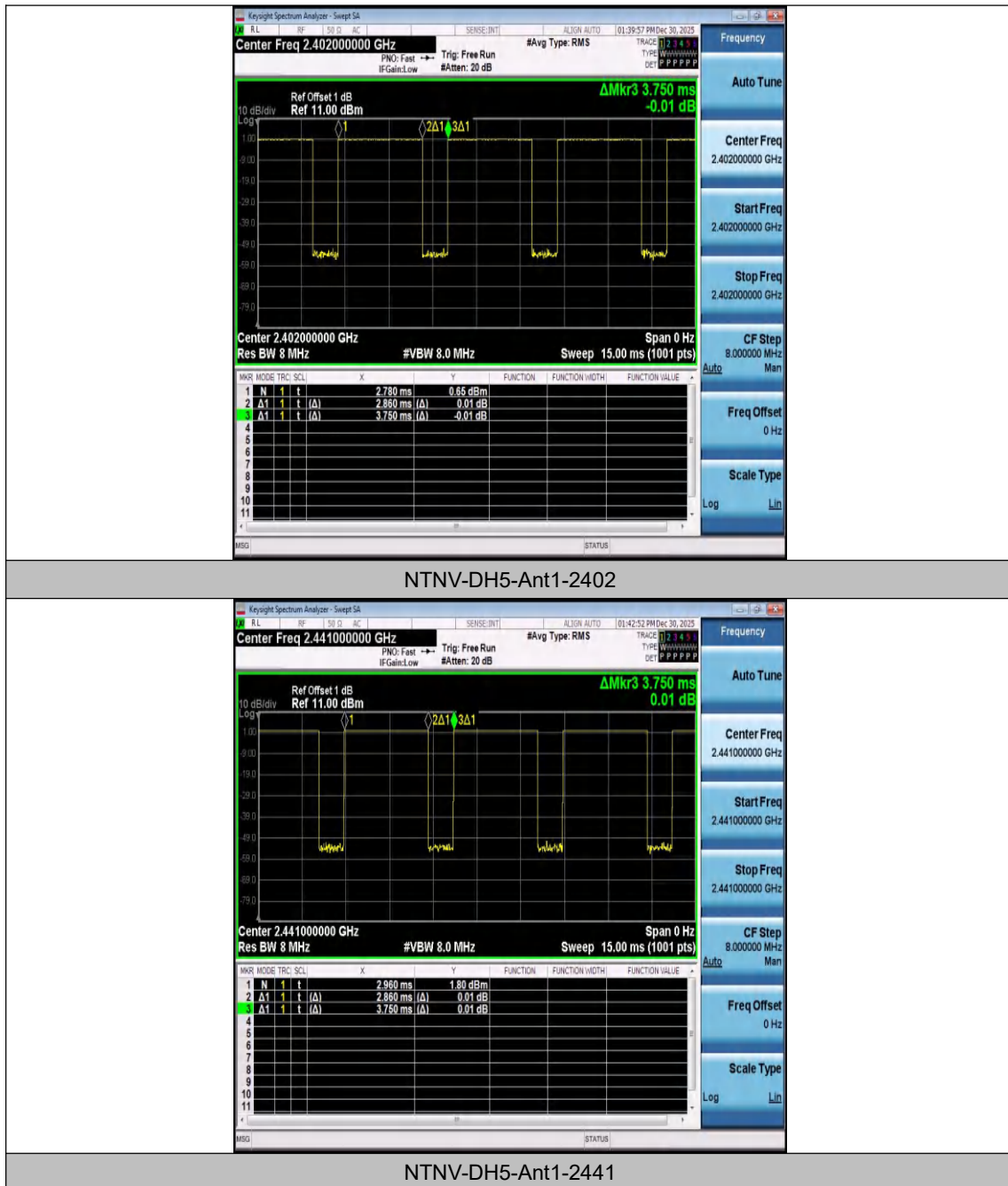
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

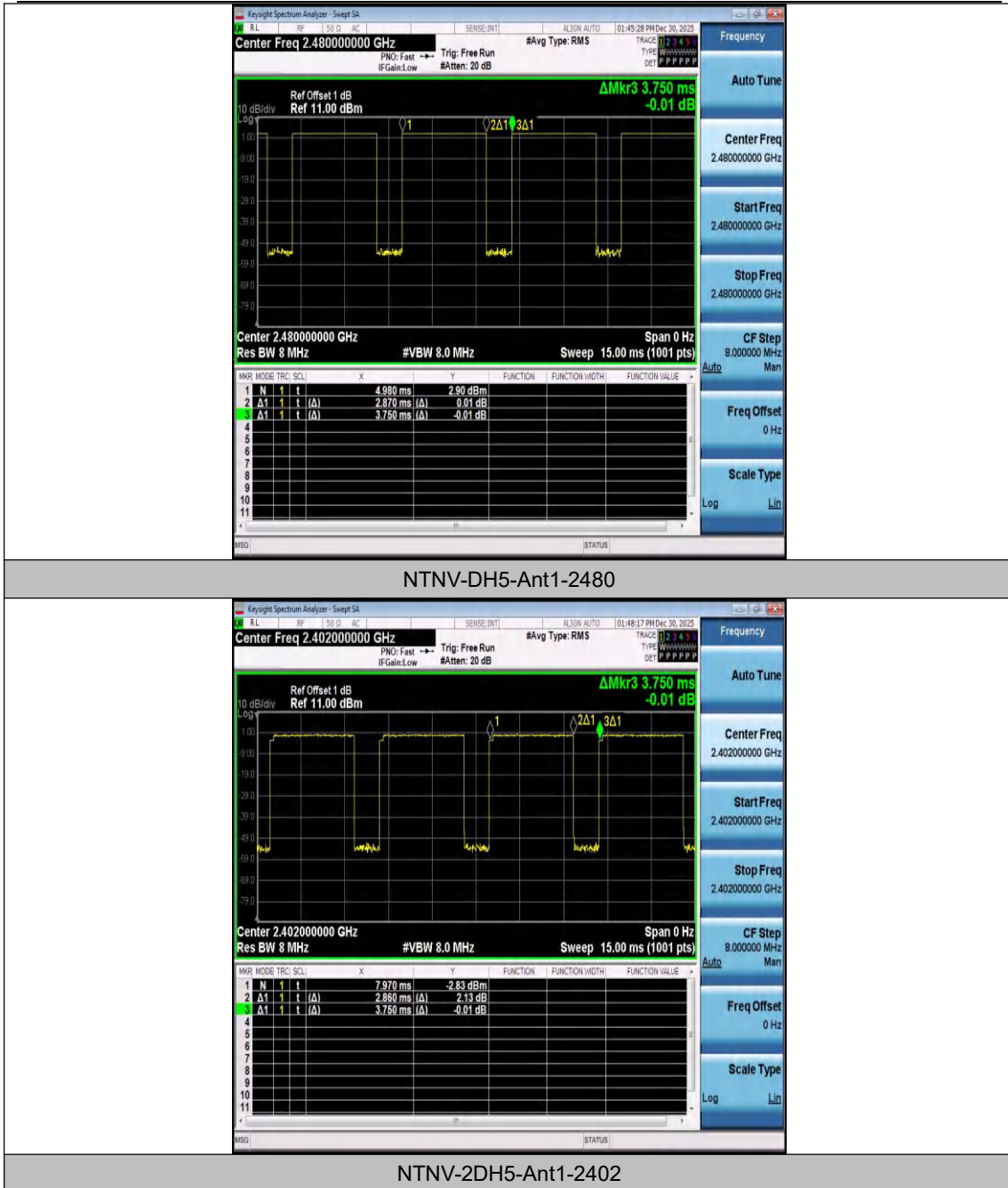
Appendix I: Duty Cycle

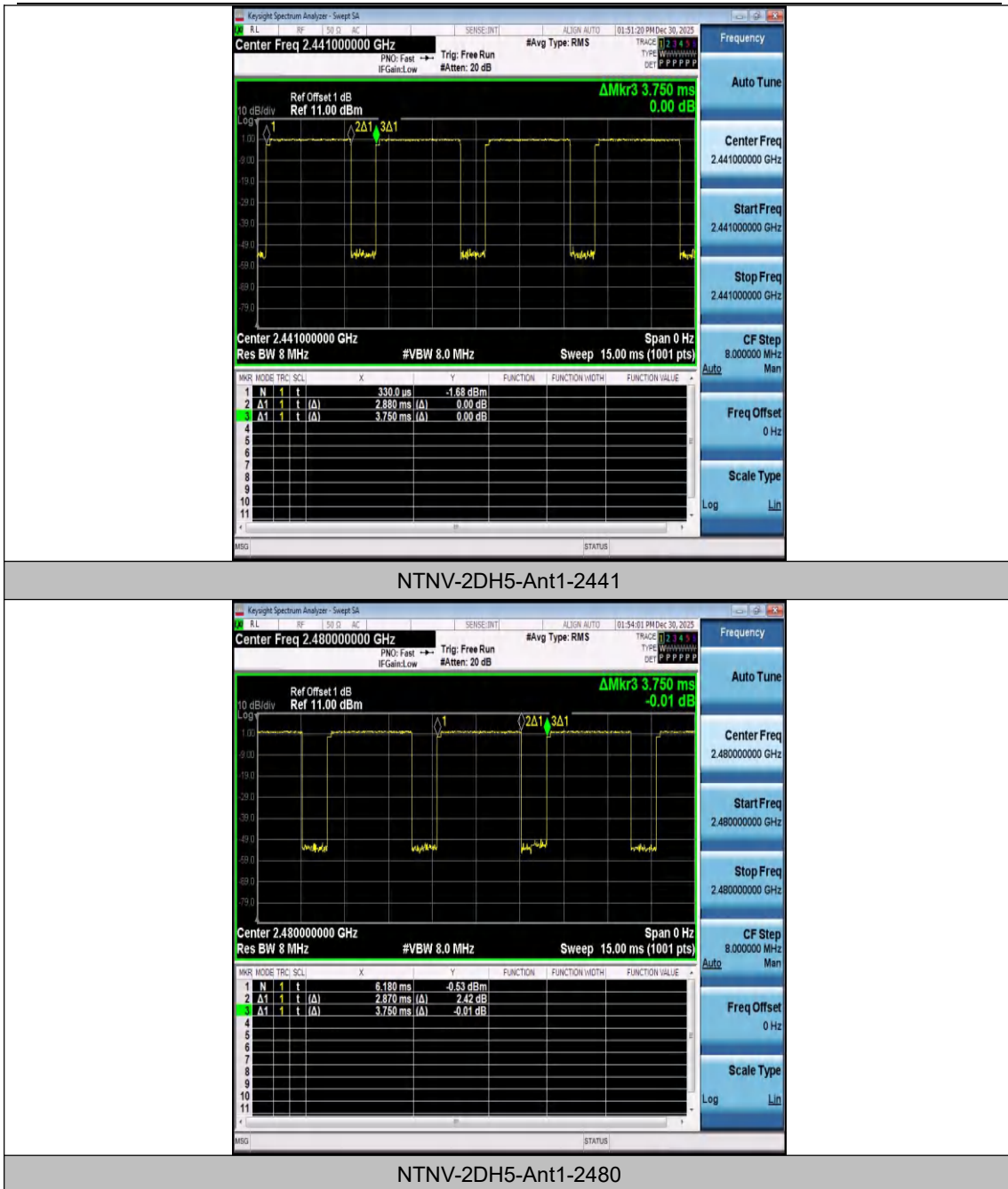
Test Result

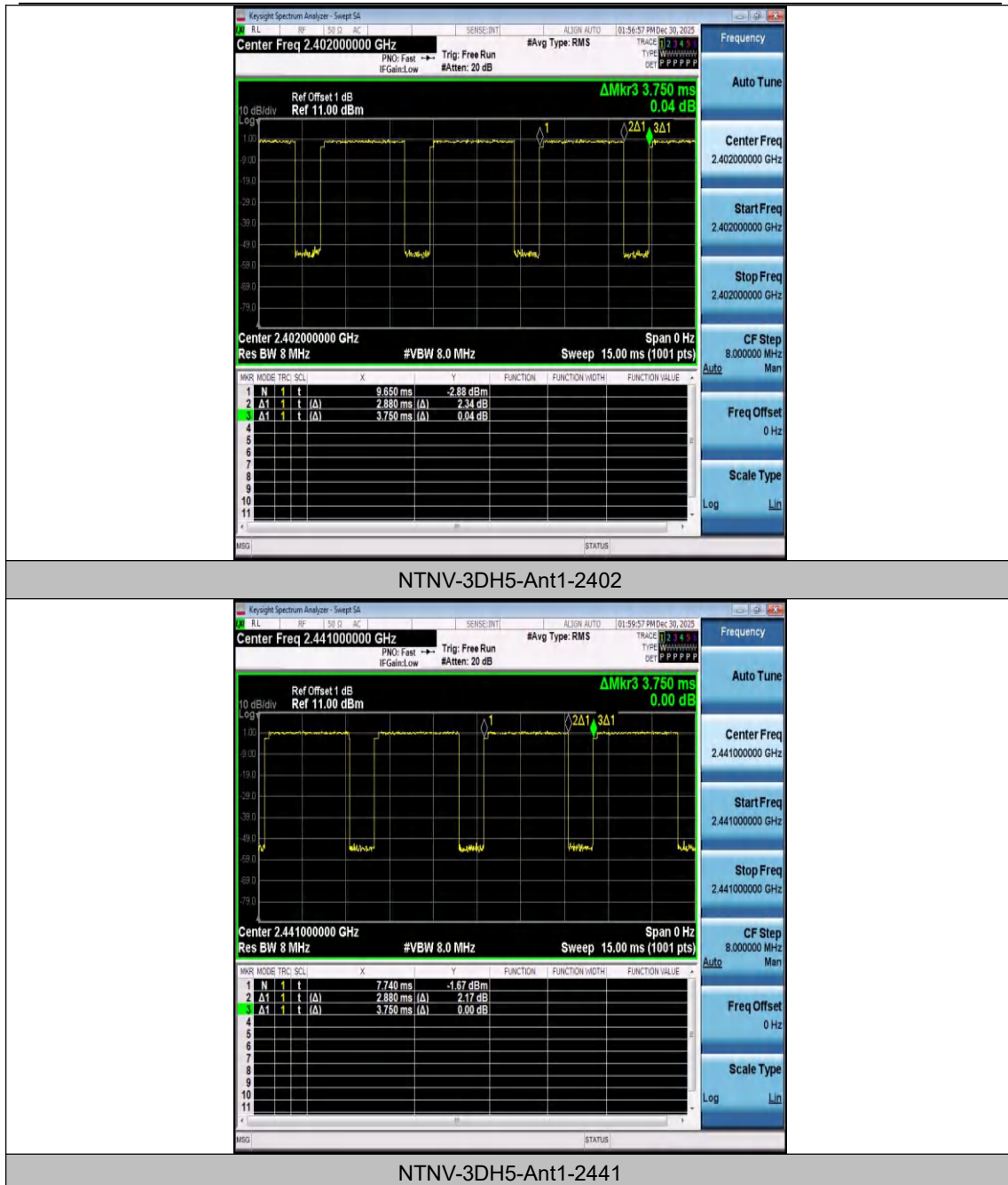
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.86	3.75	76.27	1.18
DH5	Ant1	2441	2.86	3.75	76.27	1.18
DH5	Ant1	2480	2.87	3.75	76.53	1.16
2DH5	Ant1	2402	2.86	3.75	76.27	1.18
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.87	3.75	76.53	1.16
3DH5	Ant1	2402	2.88	3.75	76.80	1.15
3DH5	Ant1	2441	2.88	3.75	76.80	1.15
3DH5	Ant1	2480	2.88	3.75	76.80	1.15

Test Graphs





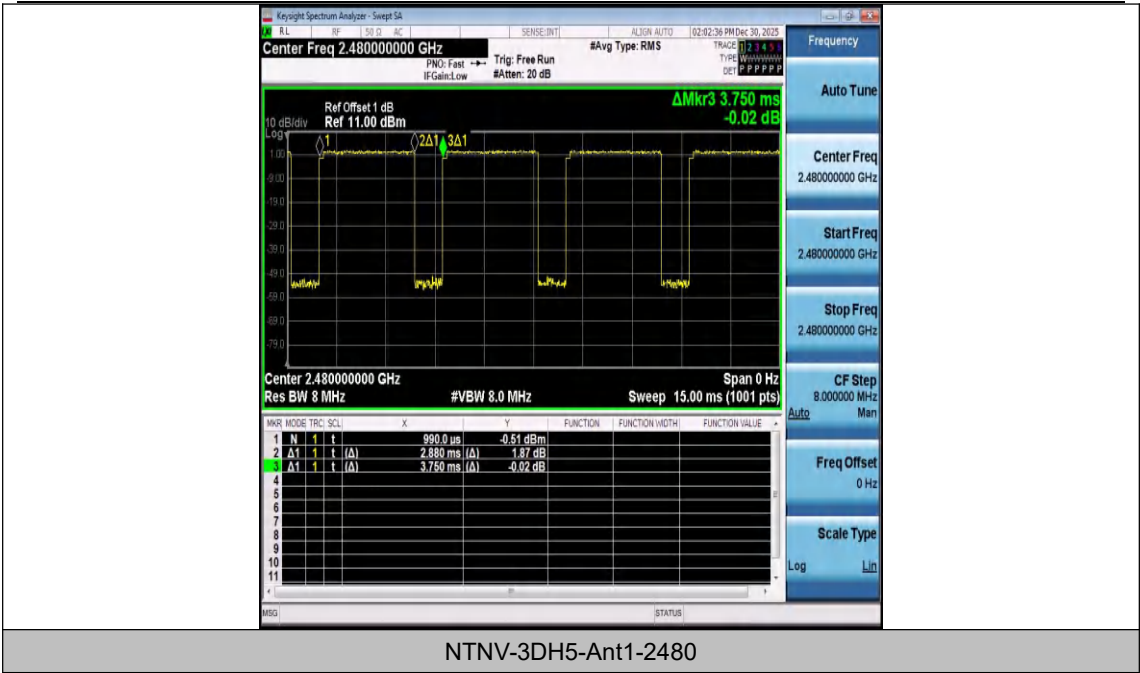




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NTNV-3DH5-Ant1-2480

---End---