

Appendix Test Data

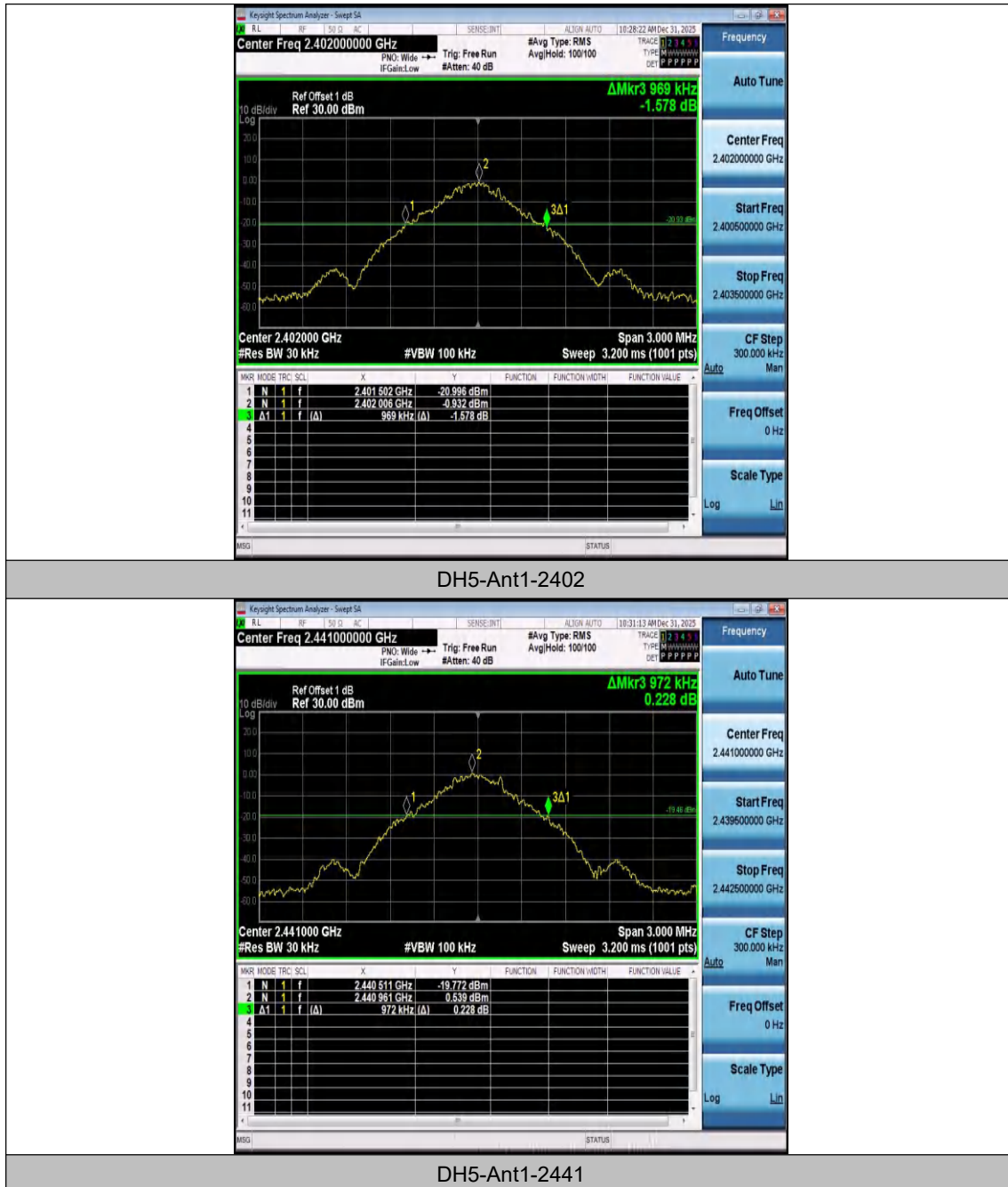
Report No.:	1812C50698412501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-26	Finish Test Date:	2026-1-4
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.7°C	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.969	2401.502	2402.471	---	---
DH5	Ant1	2441	0.972	2440.511	2441.483	---	---
DH5	Ant1	2480	0.963	2479.493	2480.456	---	---
2DH5	Ant1	2402	1.335	2401.310	2402.645	---	---
2DH5	Ant1	2441	1.329	2440.313	2441.642	---	---
2DH5	Ant1	2480	1.302	2479.331	2480.633	---	---
3DH5	Ant1	2402	1.326	2401.325	2402.651	---	---
3DH5	Ant1	2441	1.326	2440.316	2441.642	---	---
3DH5	Ant1	2480	1.329	2479.322	2480.651	---	---

Test Graphs





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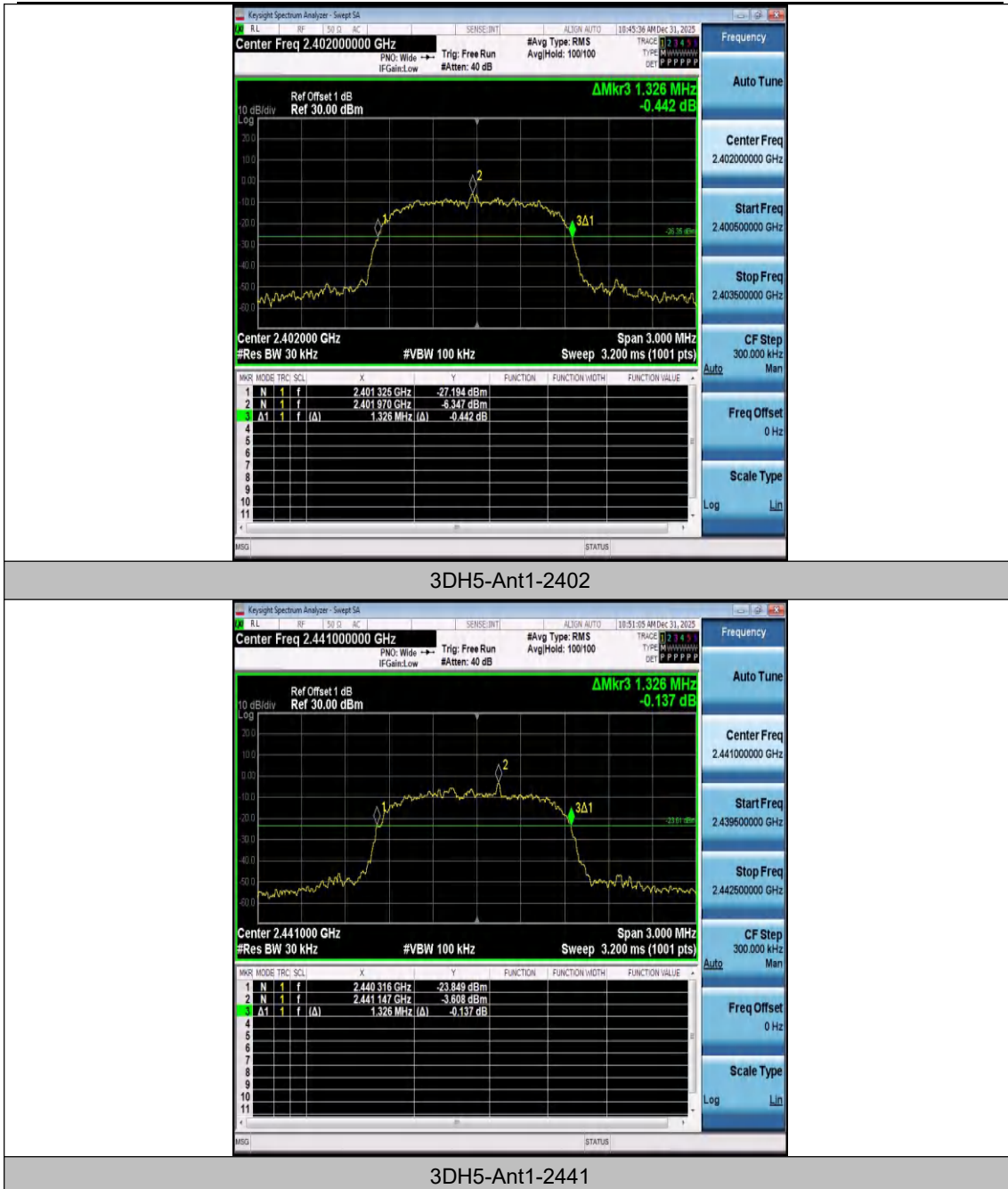
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3DH5-Ant1-2480

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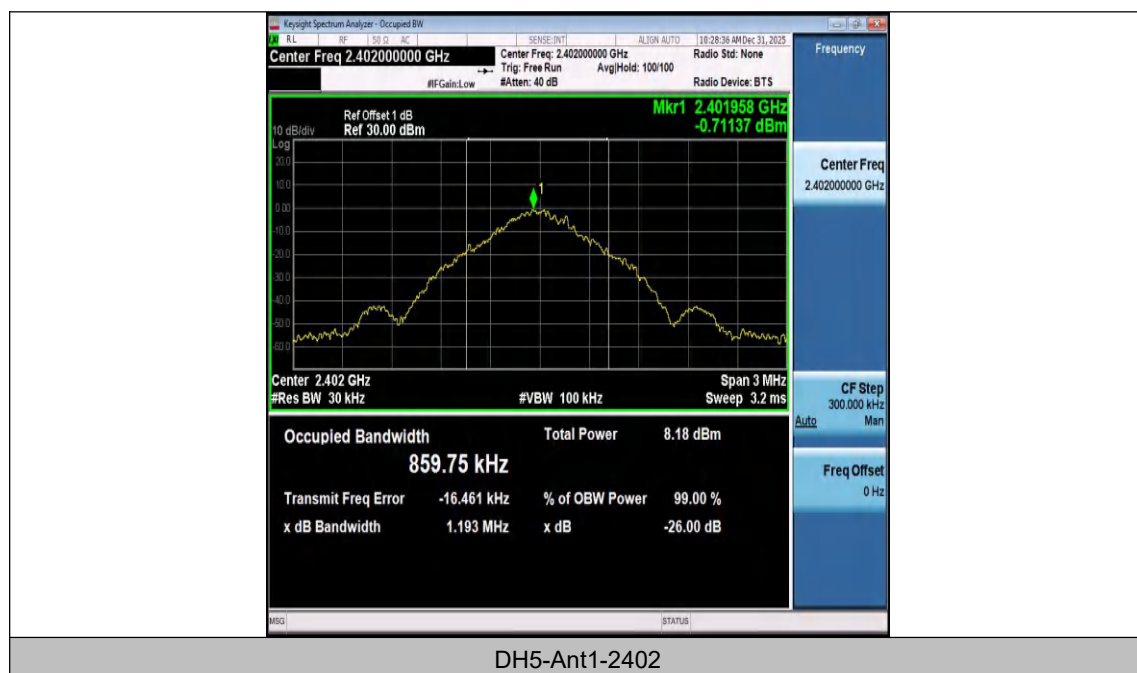
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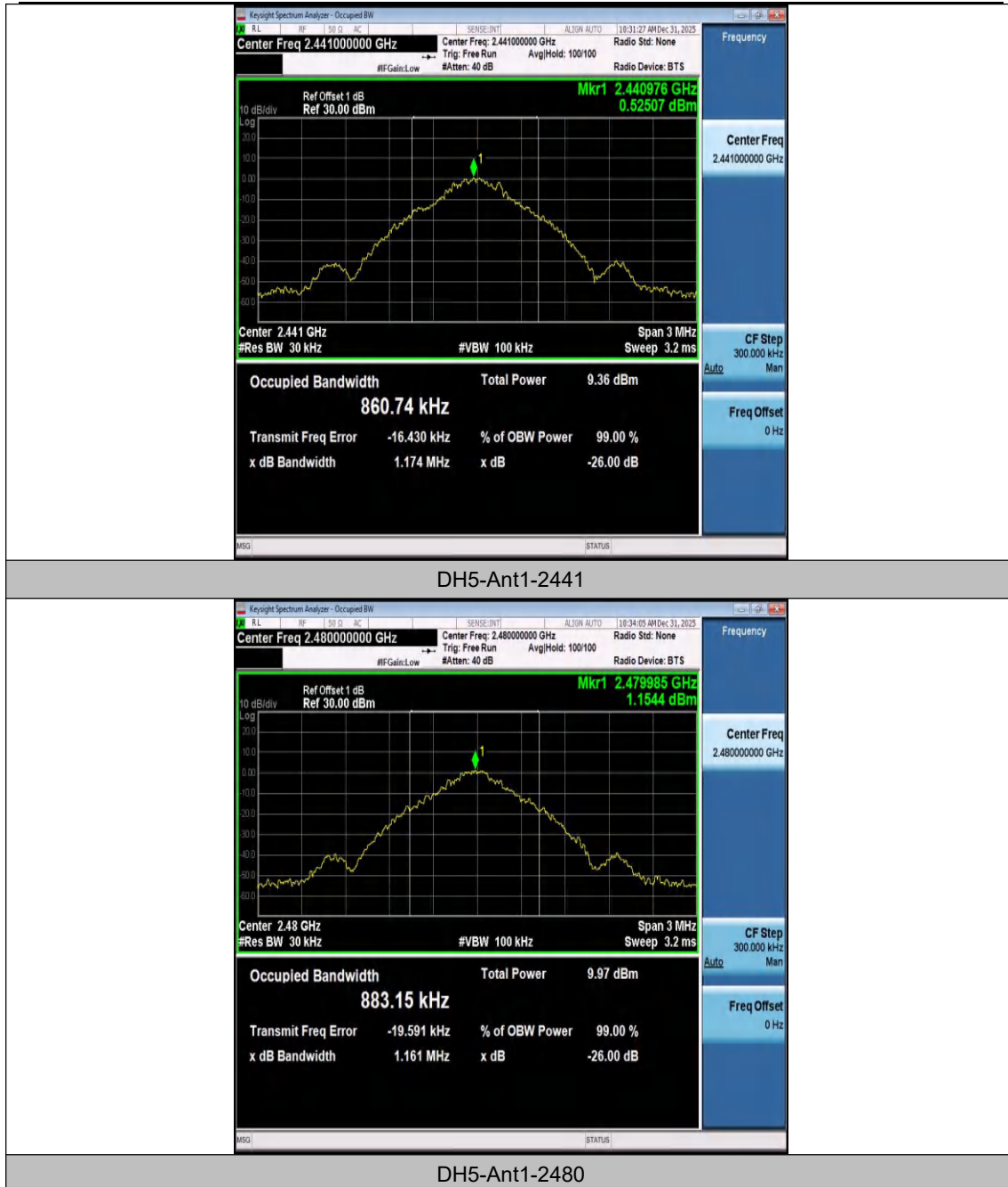
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85975	2401.5537	2402.4134	---	---
DH5	Ant1	2441	0.86074	2440.5532	2441.4139	---	---
DH5	Ant1	2480	0.88315	2479.5388	2480.4220	---	---
2DH5	Ant1	2402	1.1927	2401.3891	2402.5818	---	---
2DH5	Ant1	2441	1.1979	2440.3826	2441.5805	---	---
2DH5	Ant1	2480	1.1881	2479.3908	2480.5789	---	---
3DH5	Ant1	2402	1.1906	2401.3874	2402.5780	---	---
3DH5	Ant1	2441	1.1894	2440.3844	2441.5738	---	---
3DH5	Ant1	2480	1.1881	2479.3887	2480.5768	---	---

Test Graphs

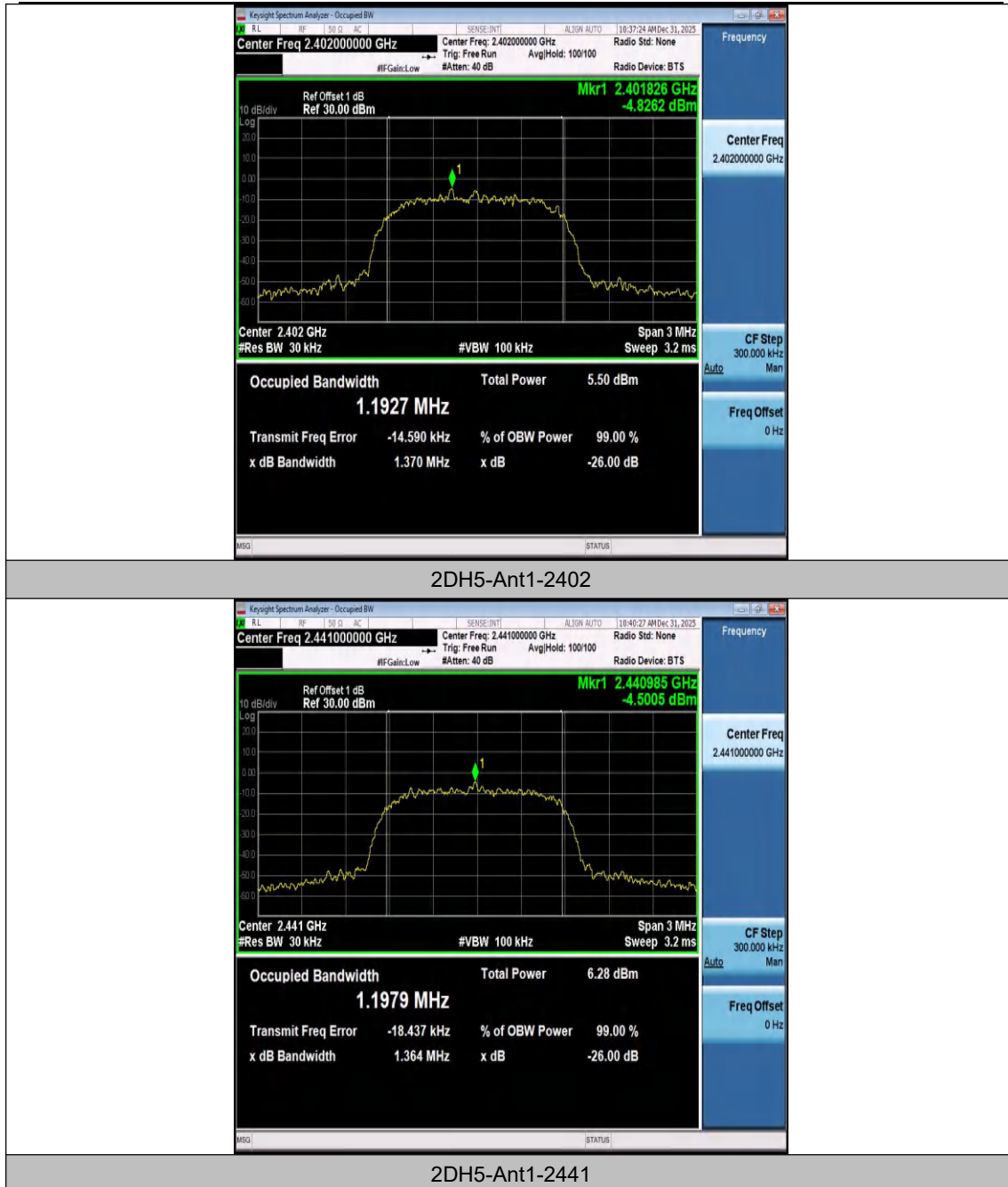




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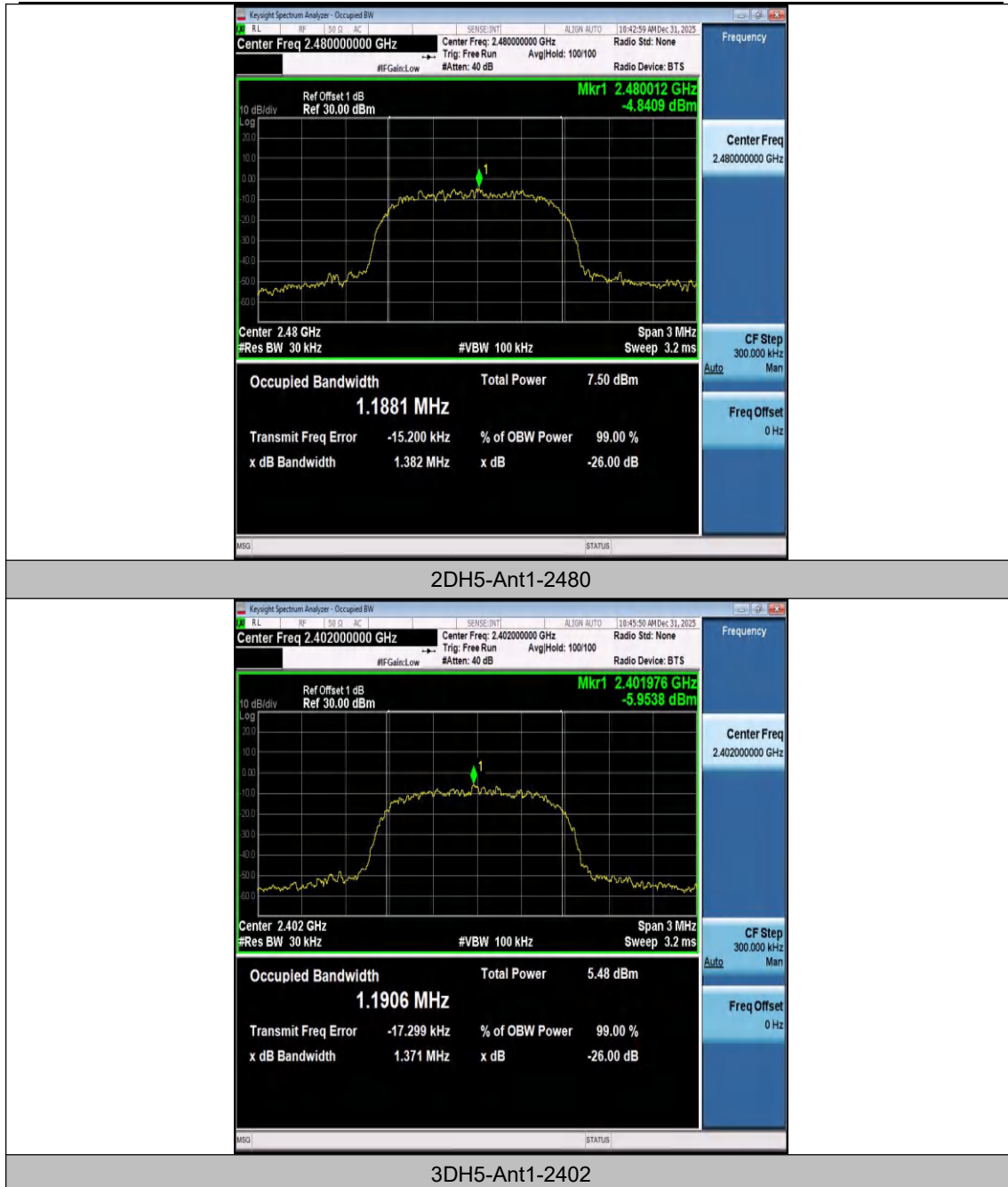
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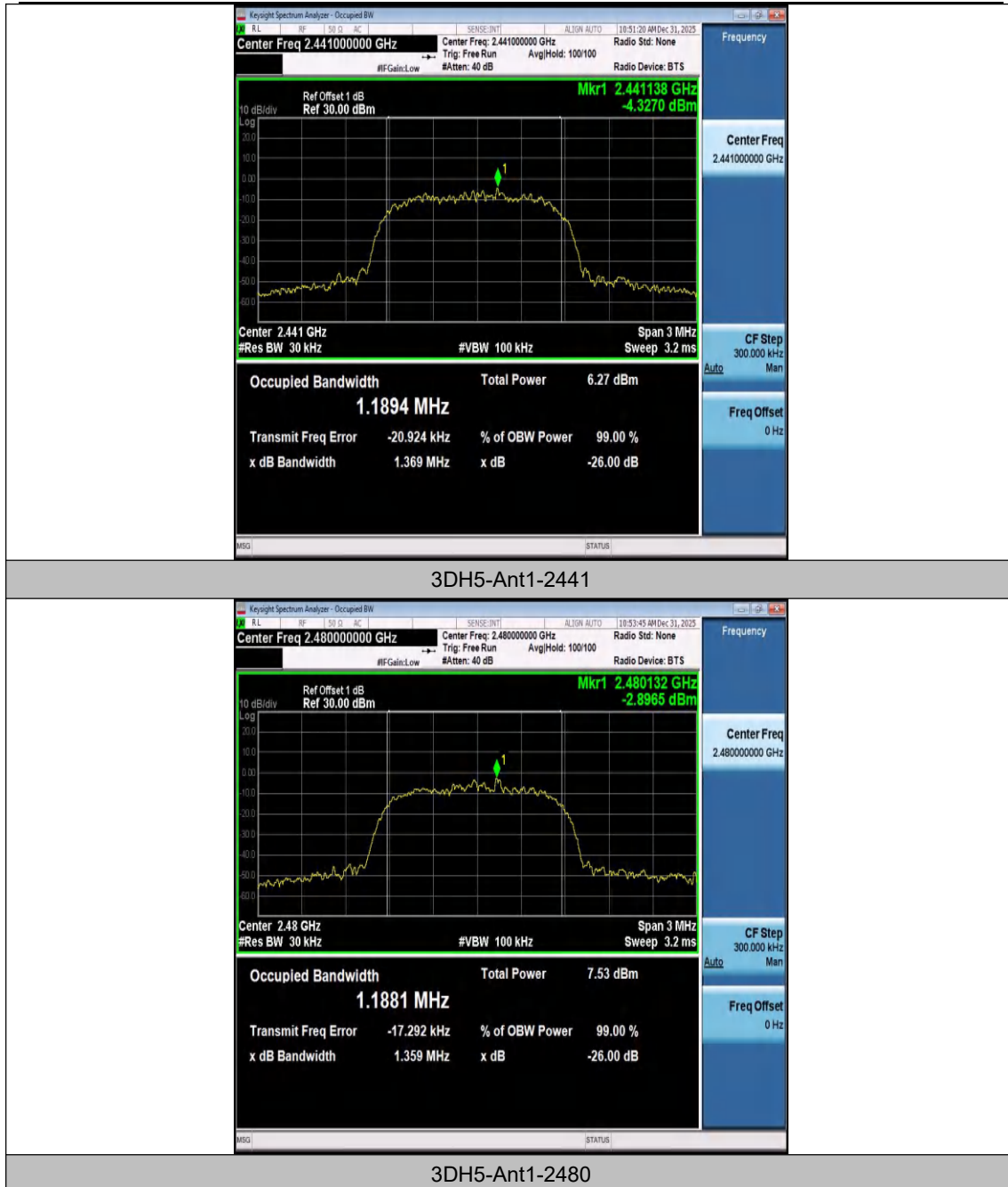


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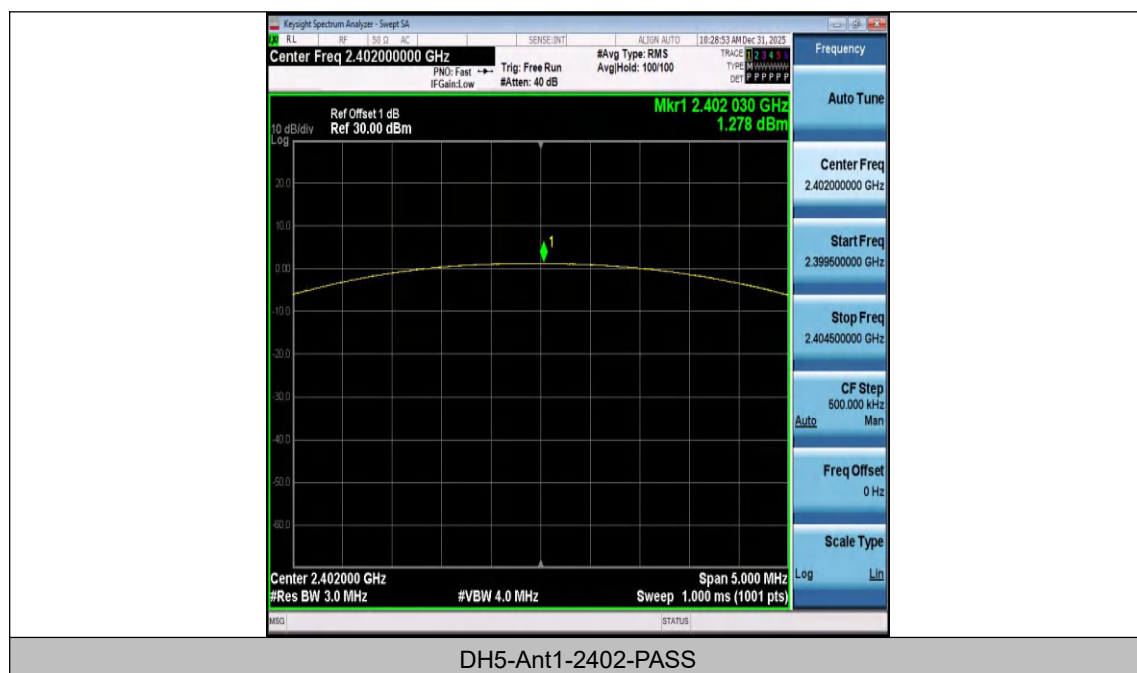
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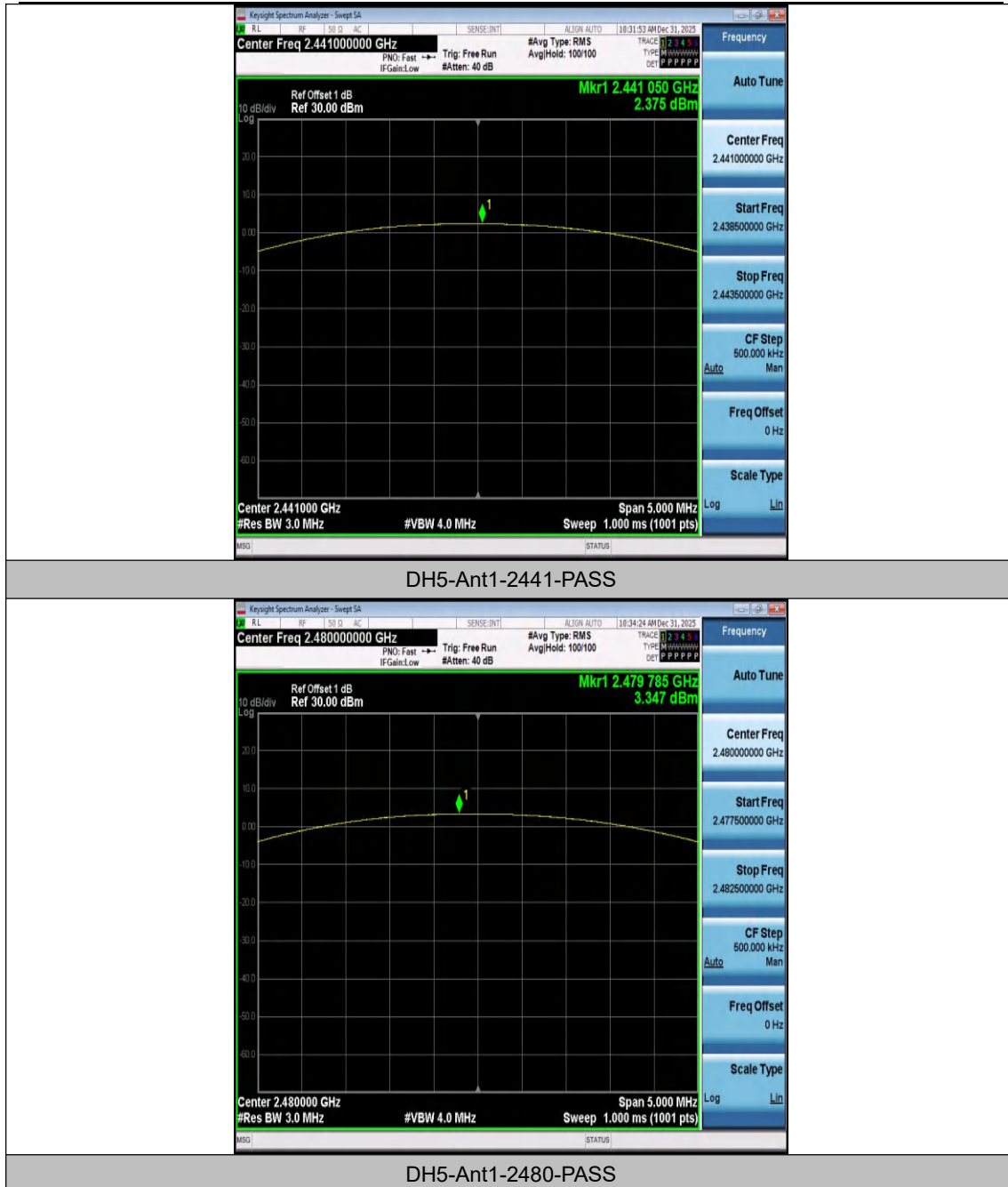
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.28	≤20.97	PASS
DH5	Ant1	2441	2.38	≤20.97	PASS
DH5	Ant1	2480	3.35	≤20.97	PASS
2DH5	Ant1	2402	0.45	≤20.97	PASS
2DH5	Ant1	2441	1.51	≤20.97	PASS
2DH5	Ant1	2480	2.44	≤20.97	PASS
3DH5	Ant1	2402	0.80	≤20.97	PASS
3DH5	Ant1	2441	2.02	≤20.97	PASS
3DH5	Ant1	2480	3.04	≤20.97	PASS

Test Graphs

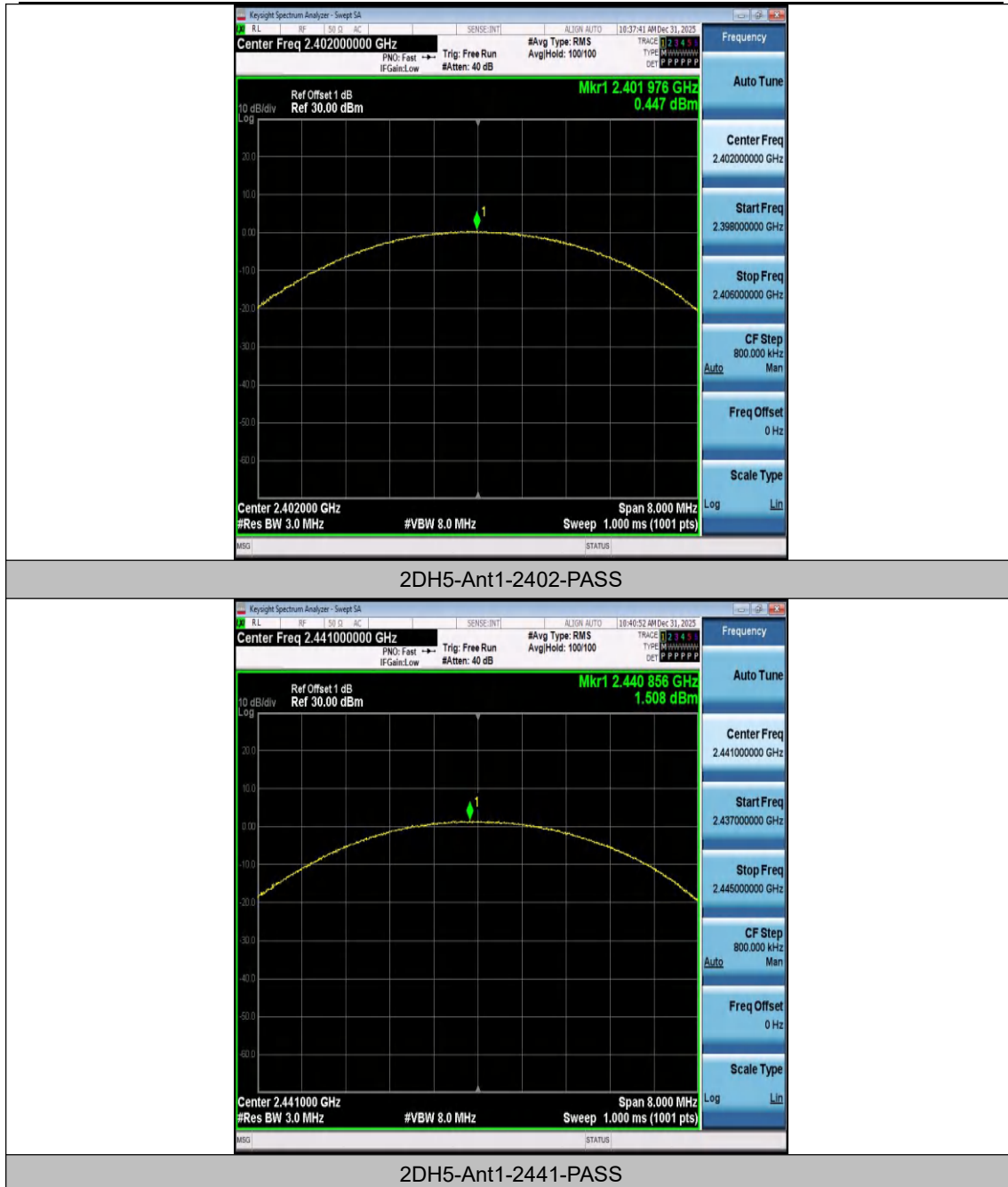




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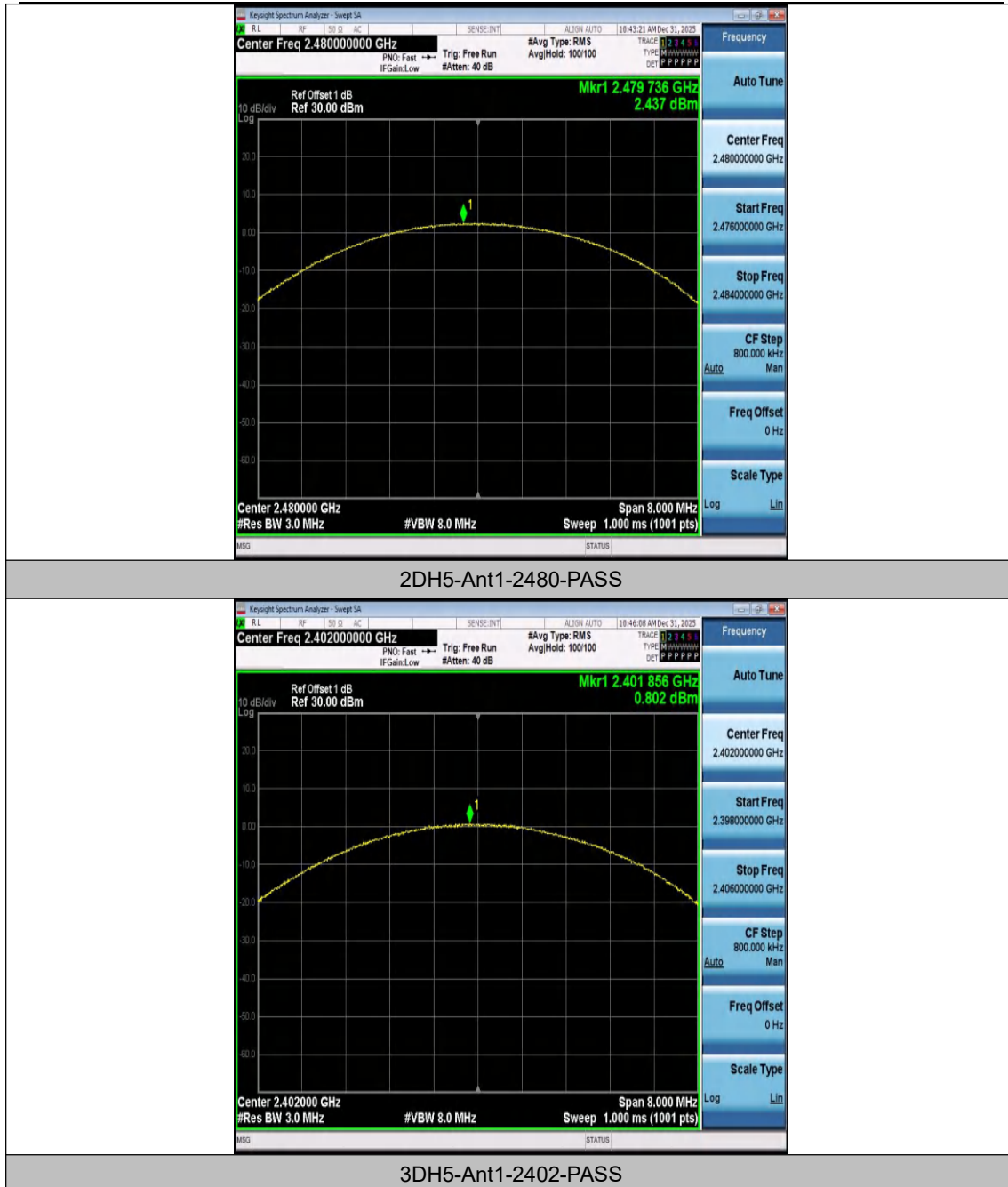
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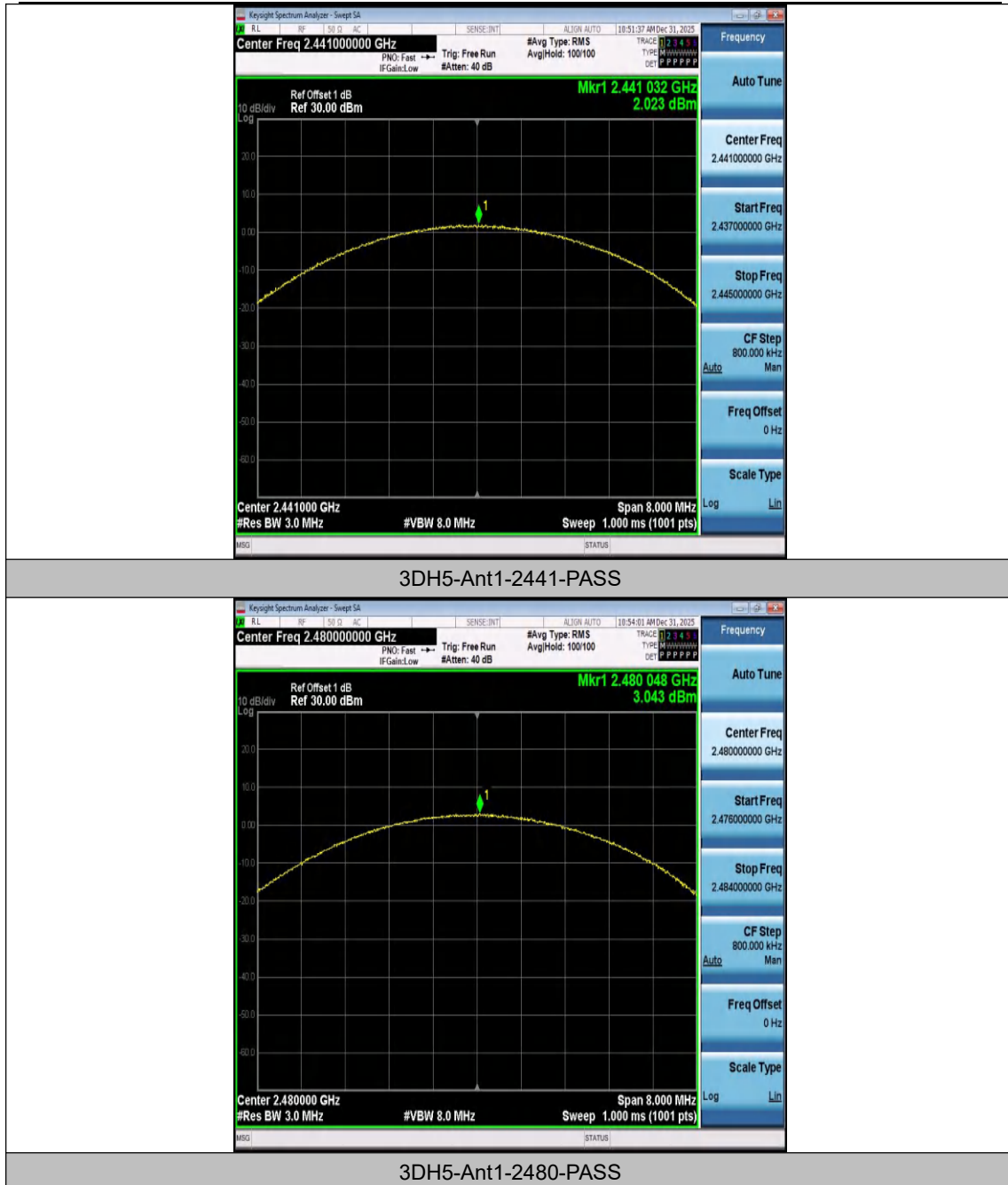
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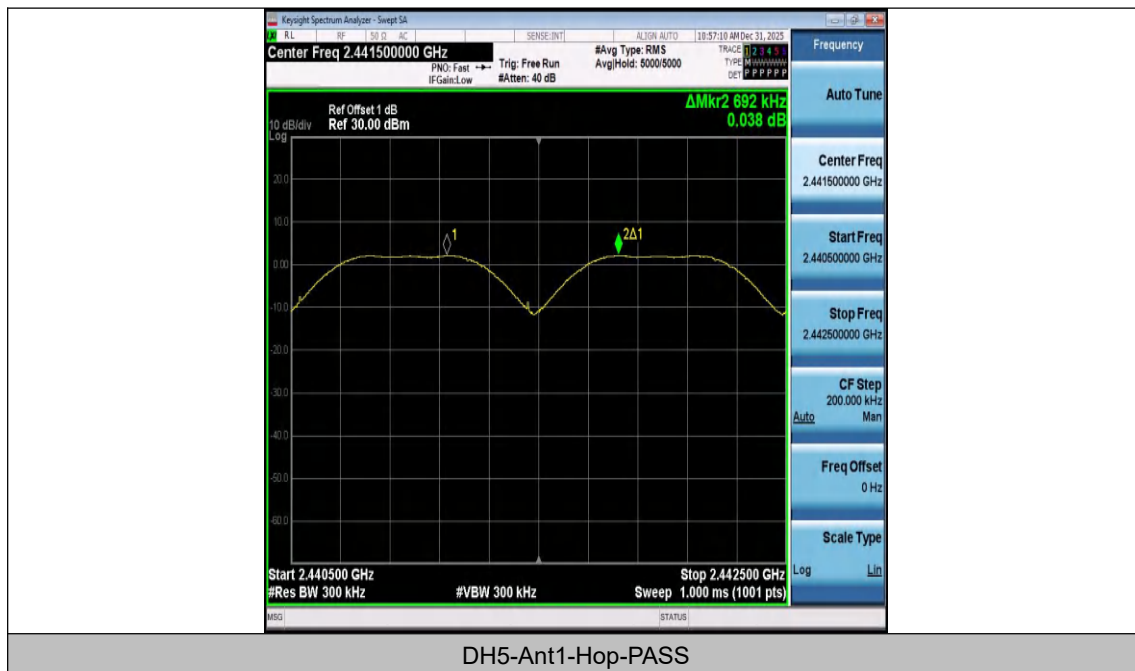
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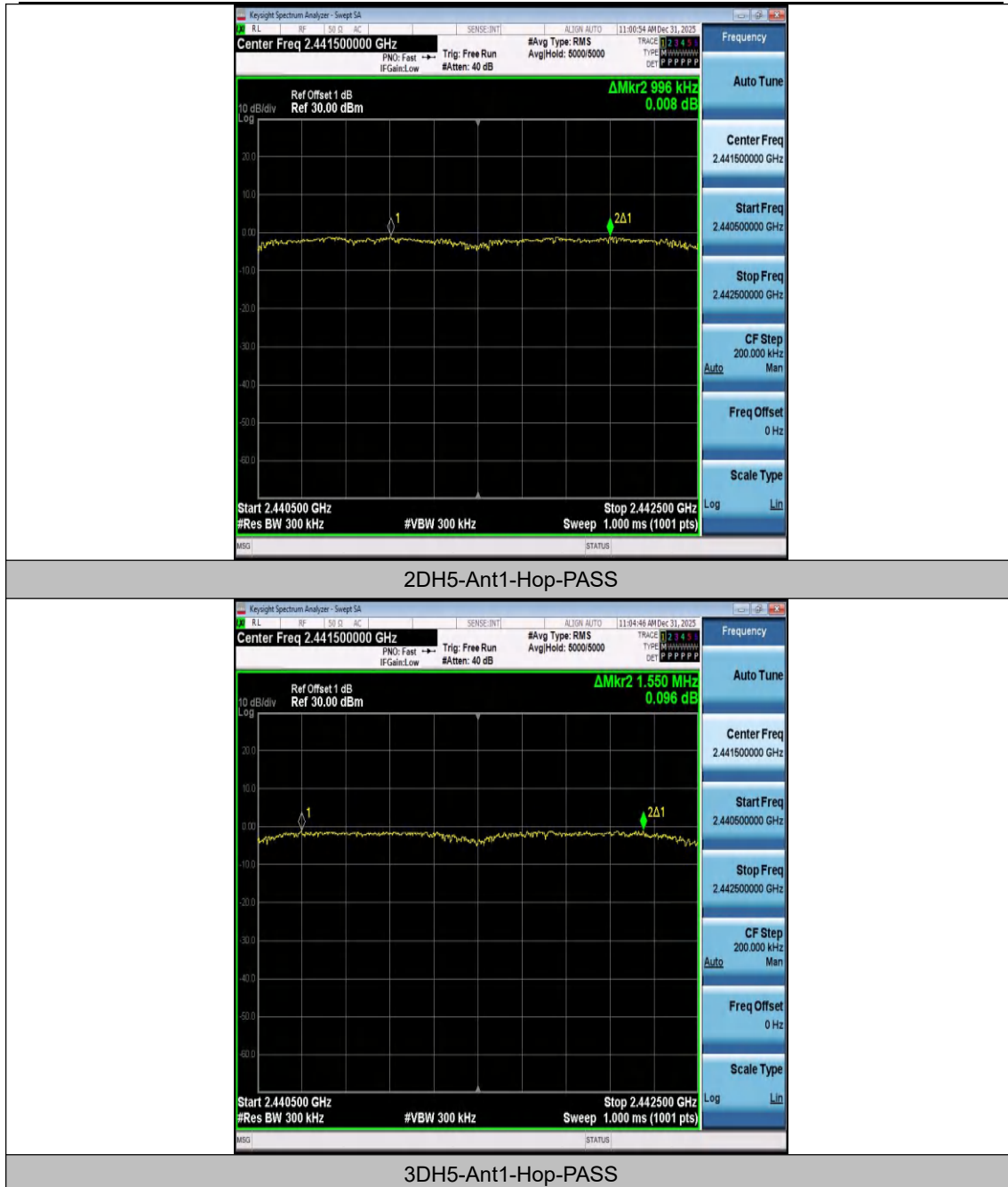
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.692	≥0.648	PASS
2DH5	Ant1	Hop	0.996	≥0.890	PASS
3DH5	Ant1	Hop	1.55	≥0.886	PASS

Test Graphs





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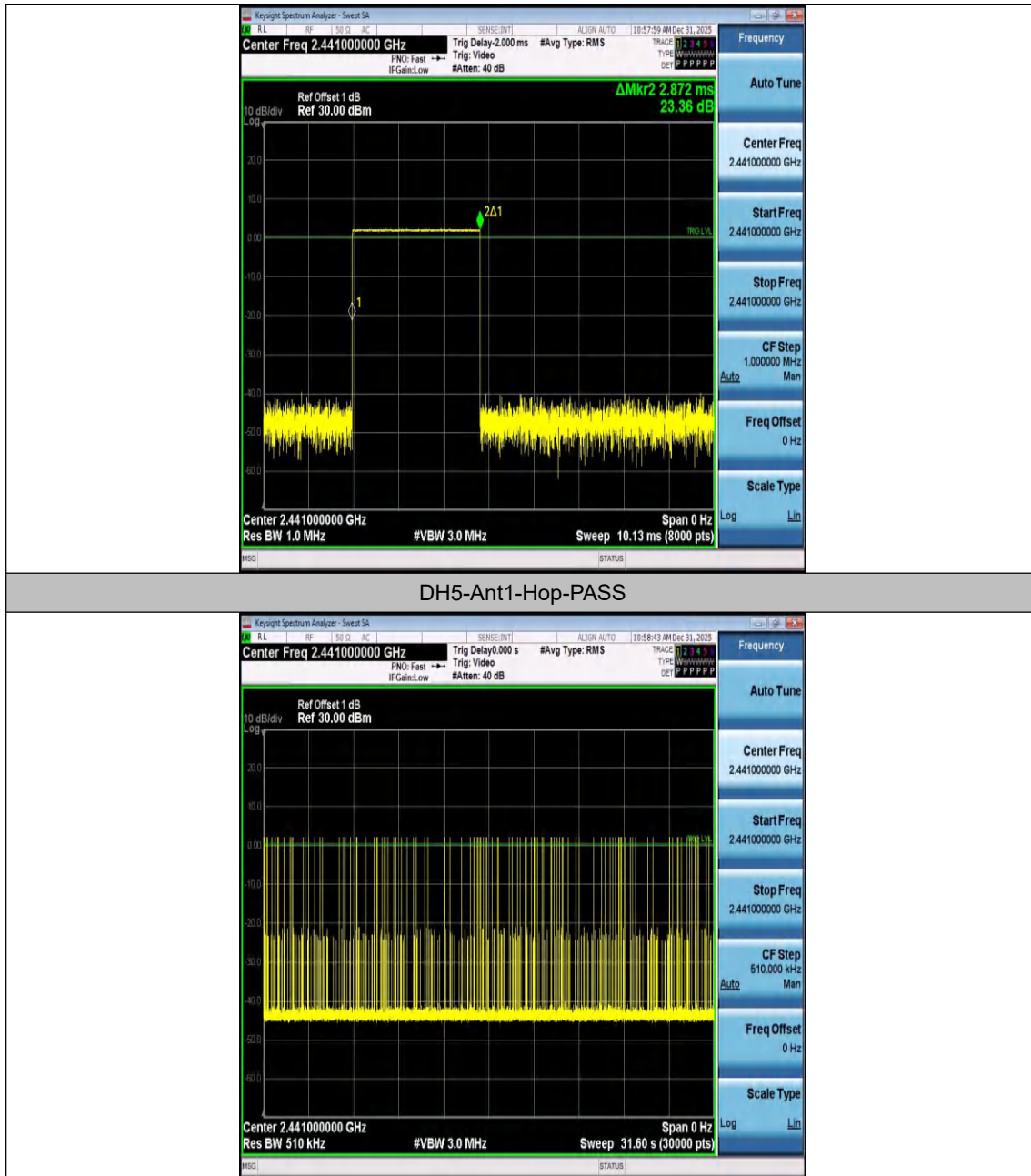
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.872	103	0.296	≤0.4	PASS
2DH5	Ant1	Hop	2.877	107	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.879	106	0.305	≤0.4	PASS

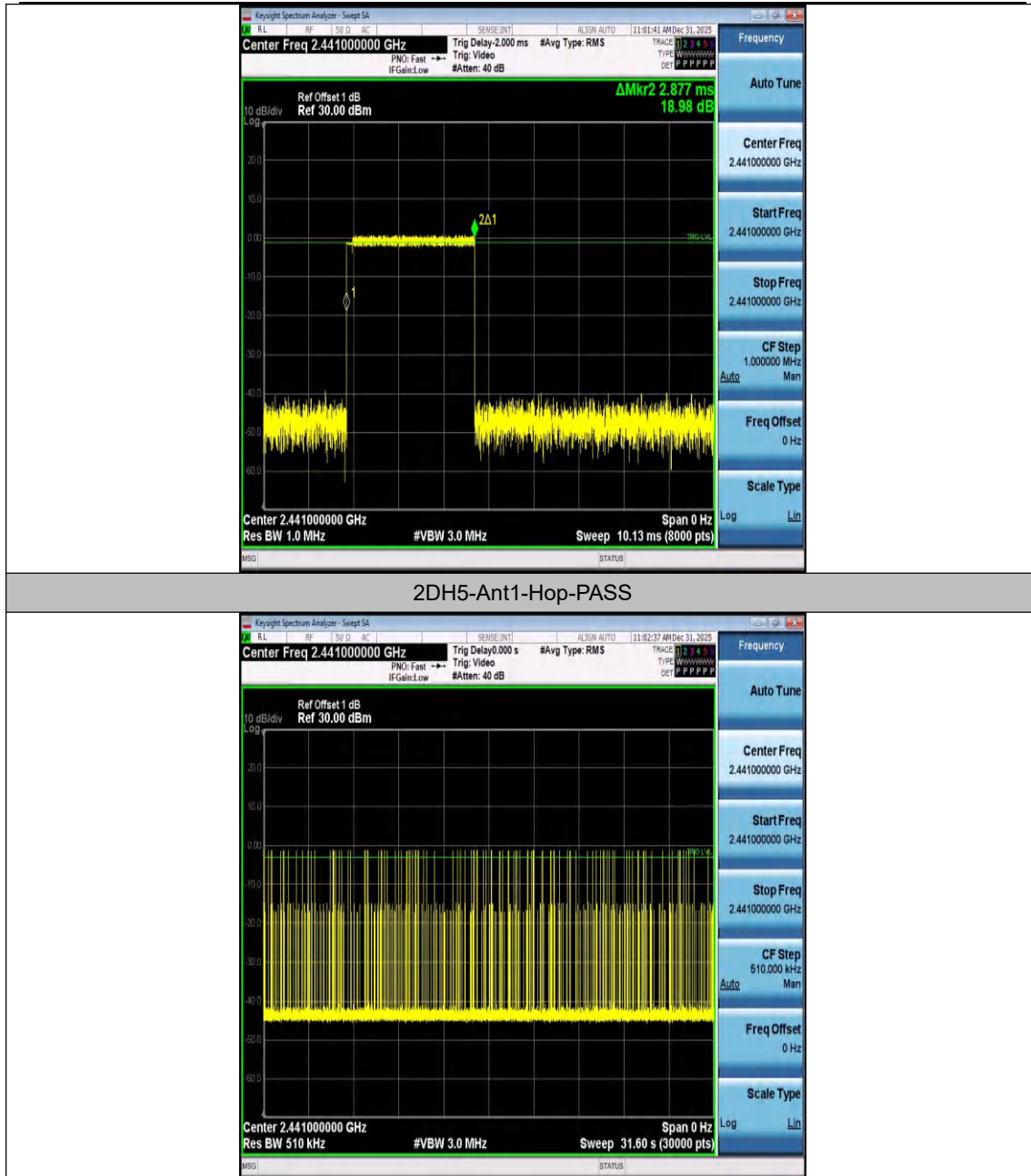
Test Graphs



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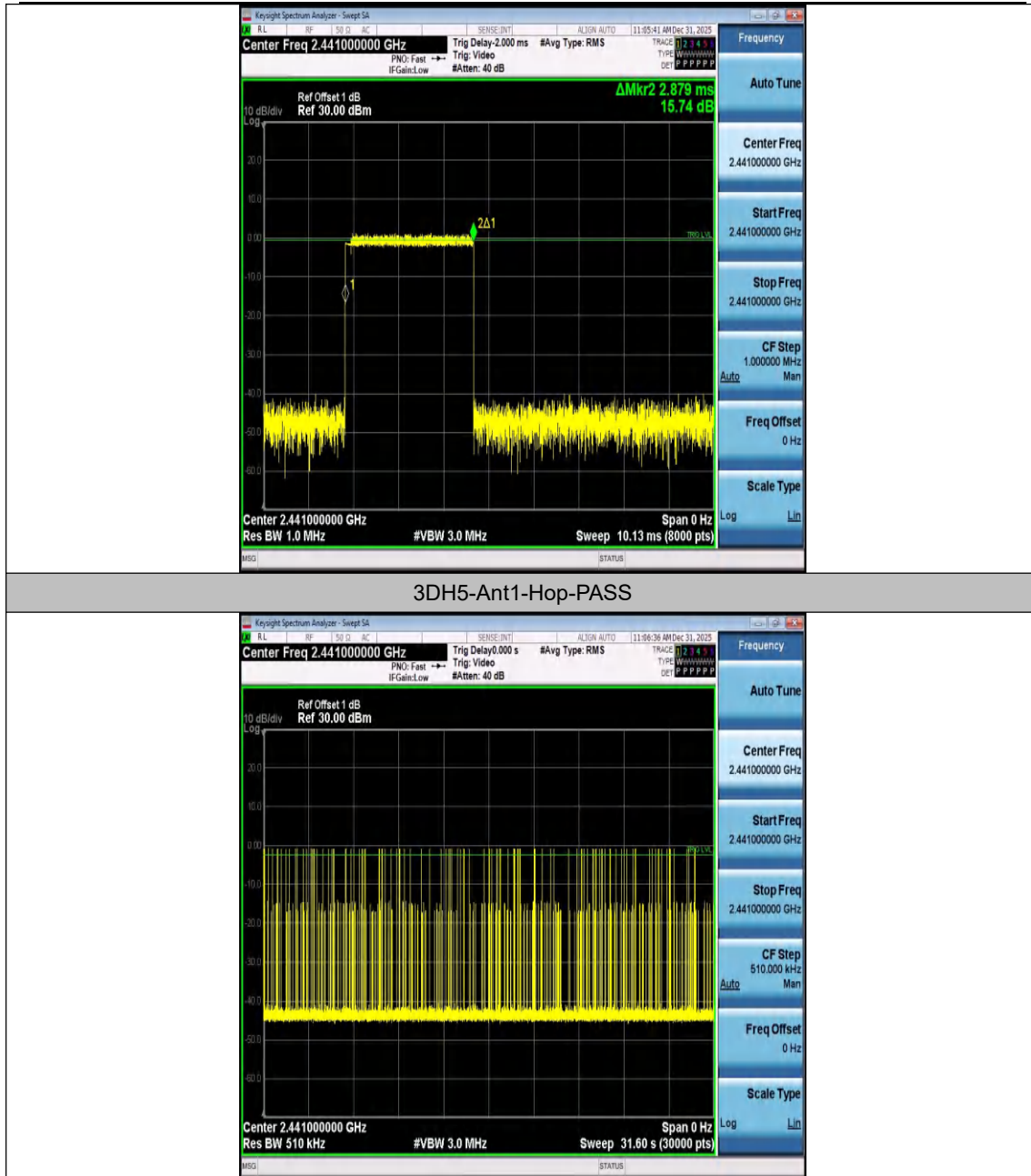
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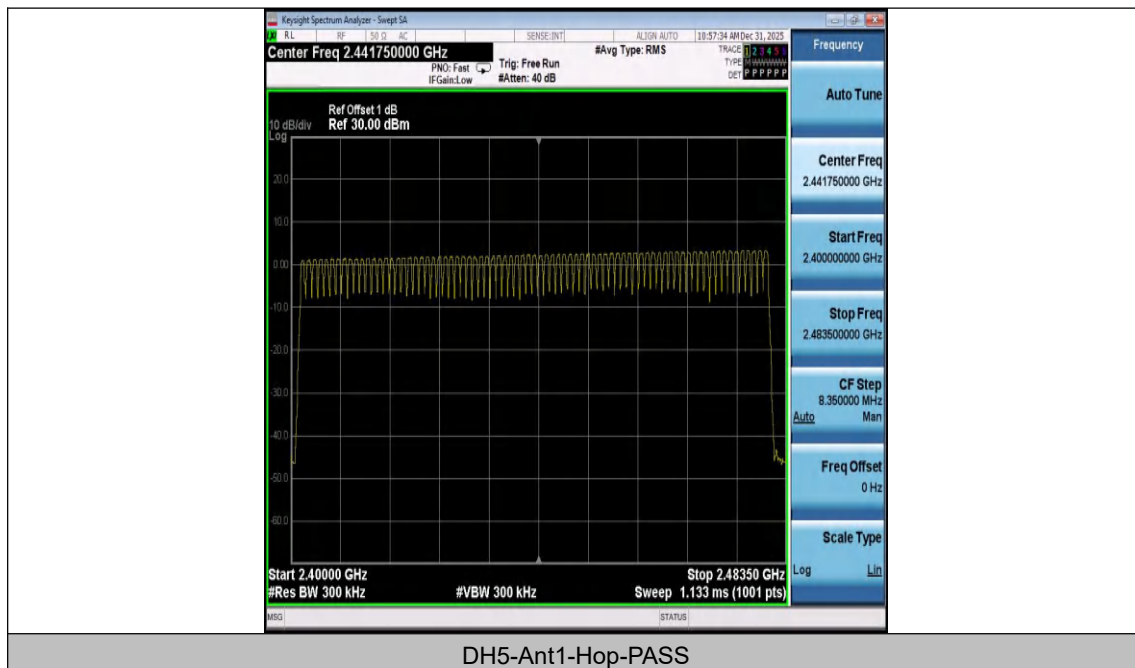
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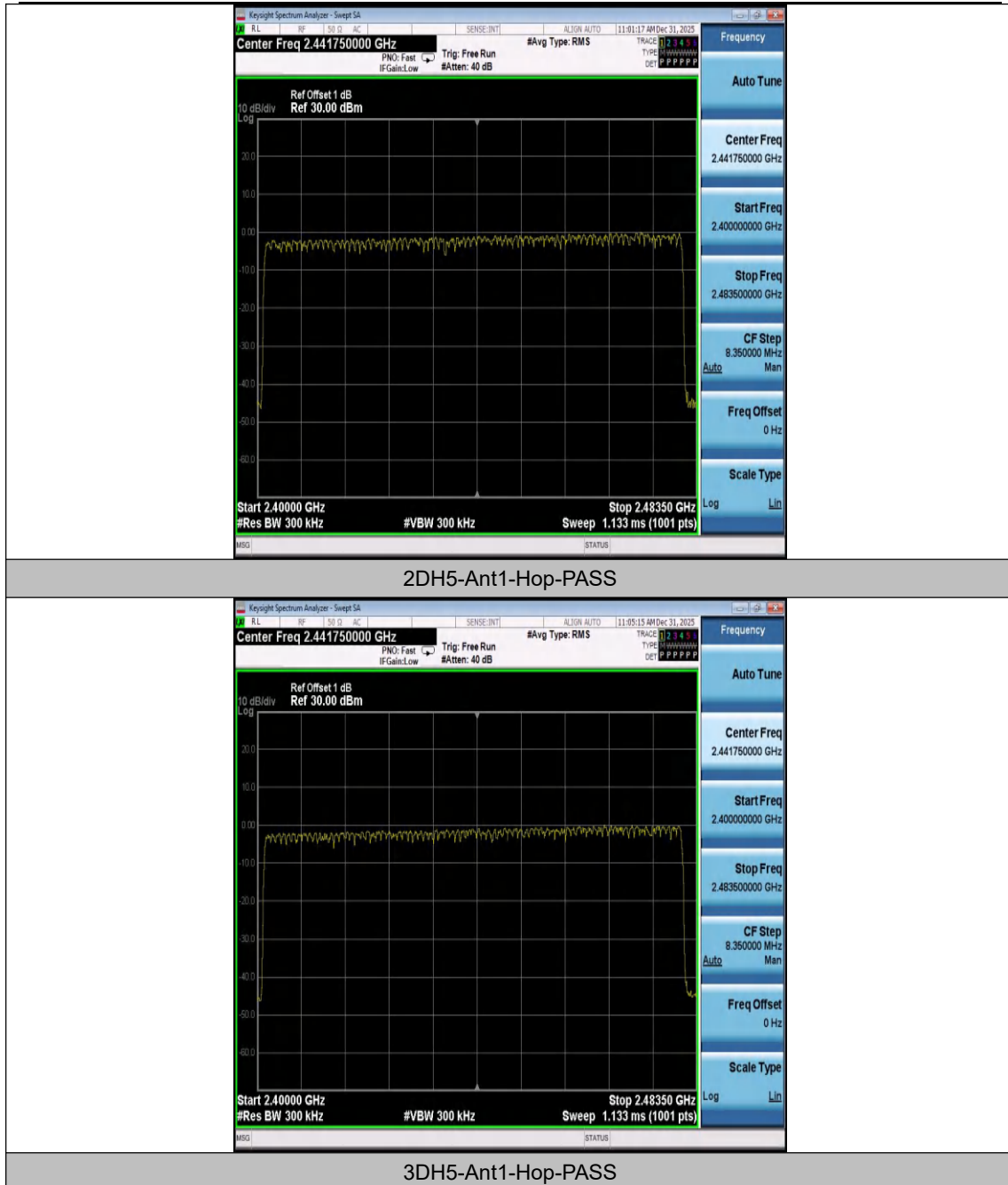
Appendix F: Number of Hopping Channel

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



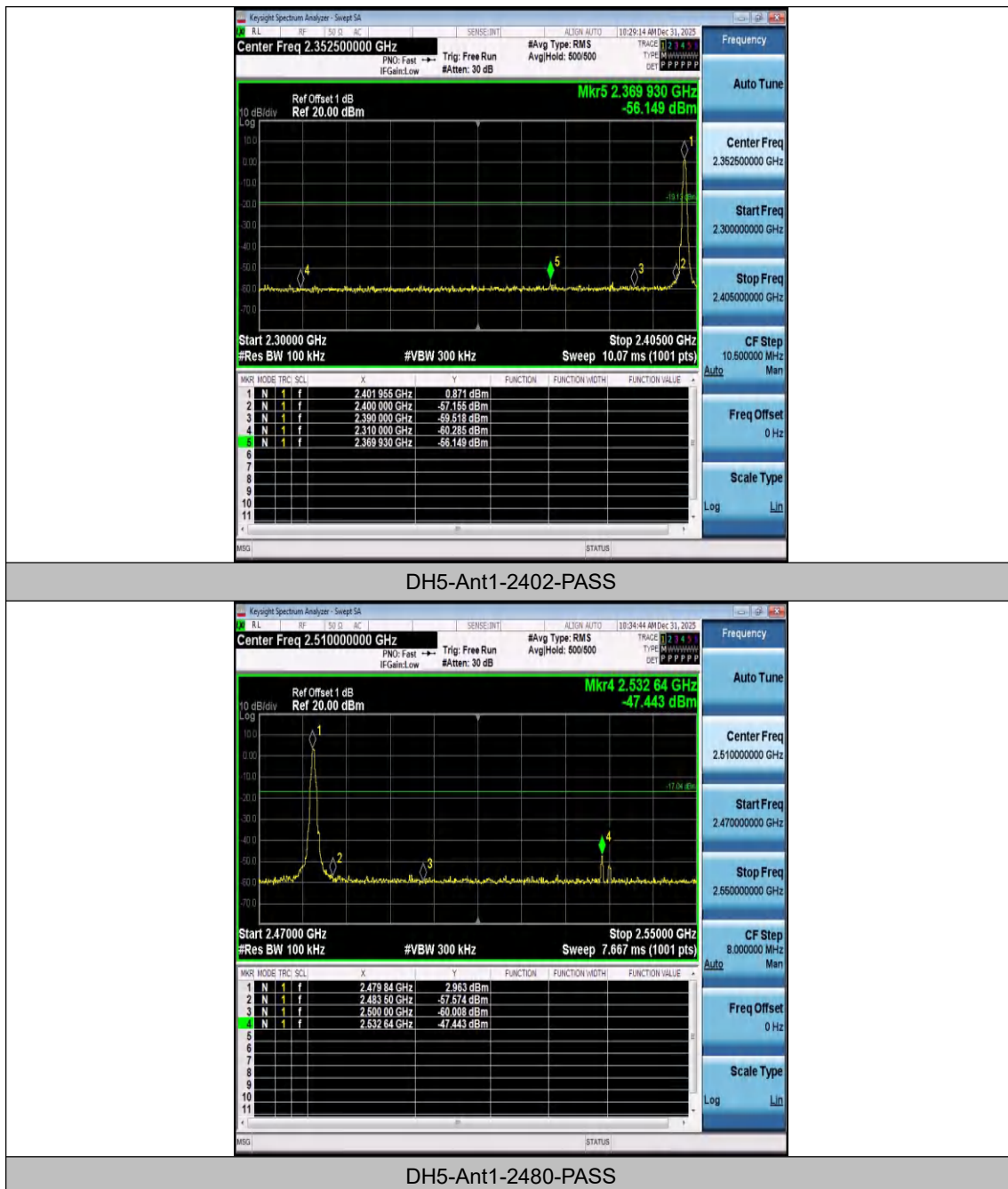


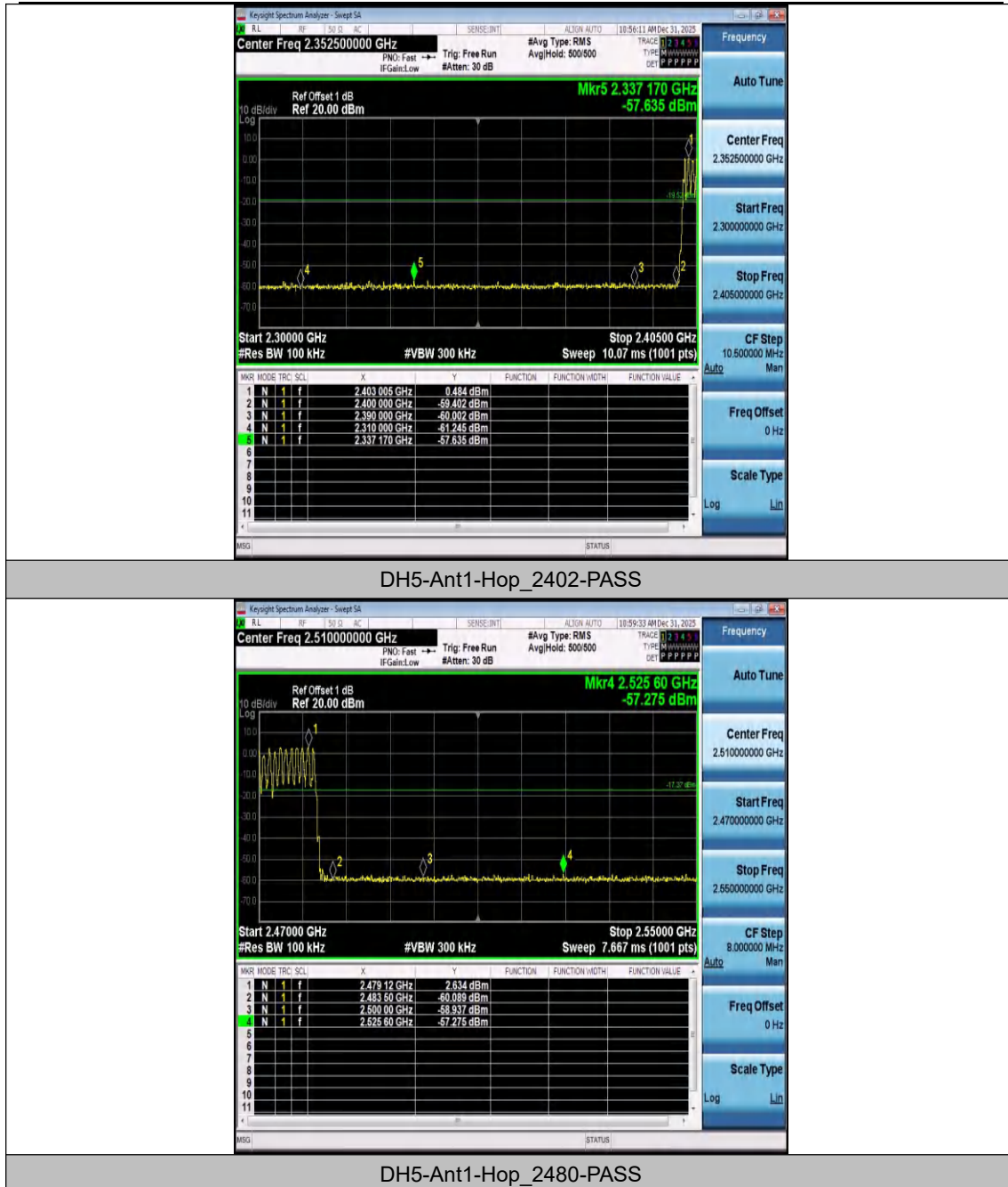
Appendix G: Conducted Band edge

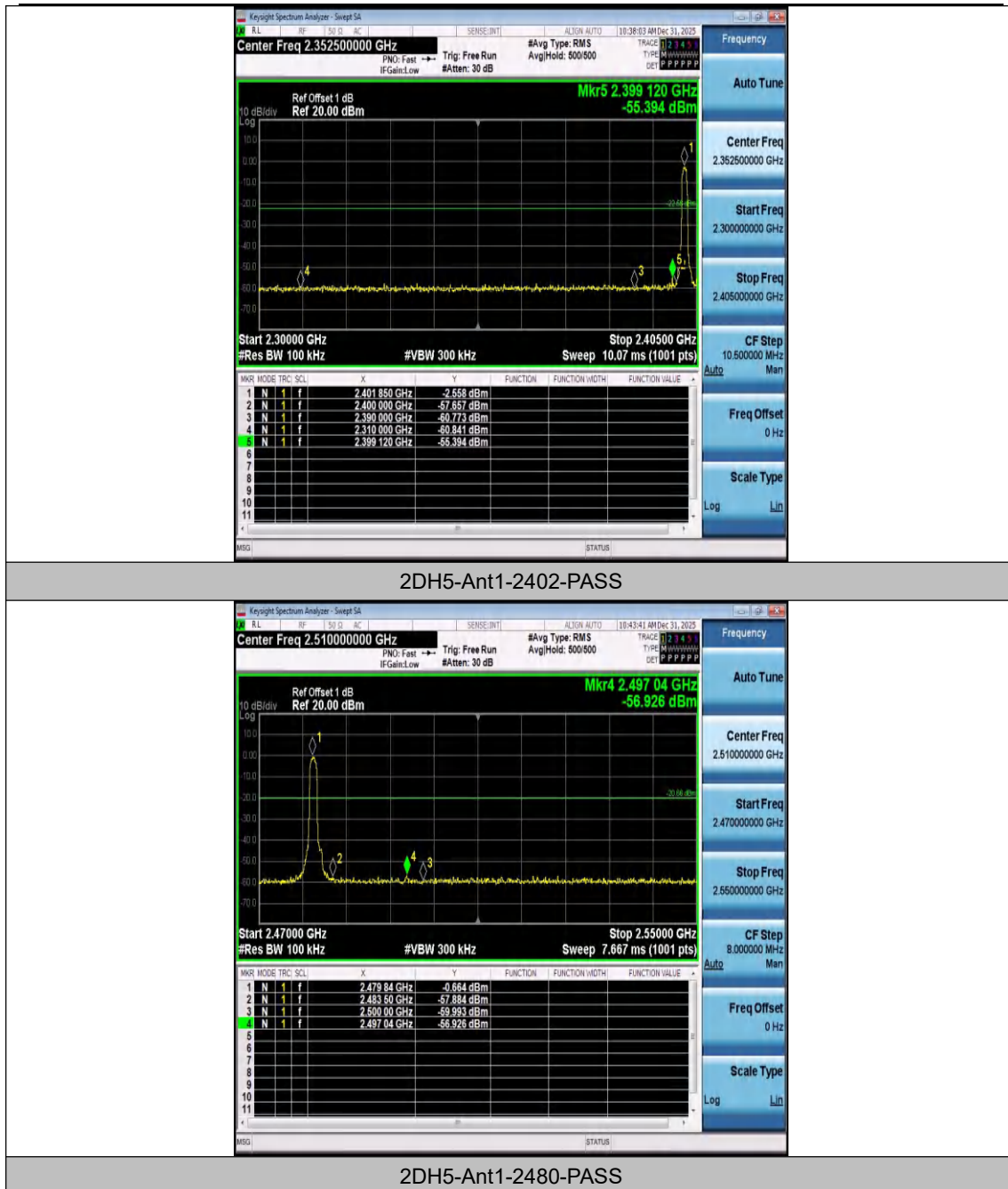
Test Result

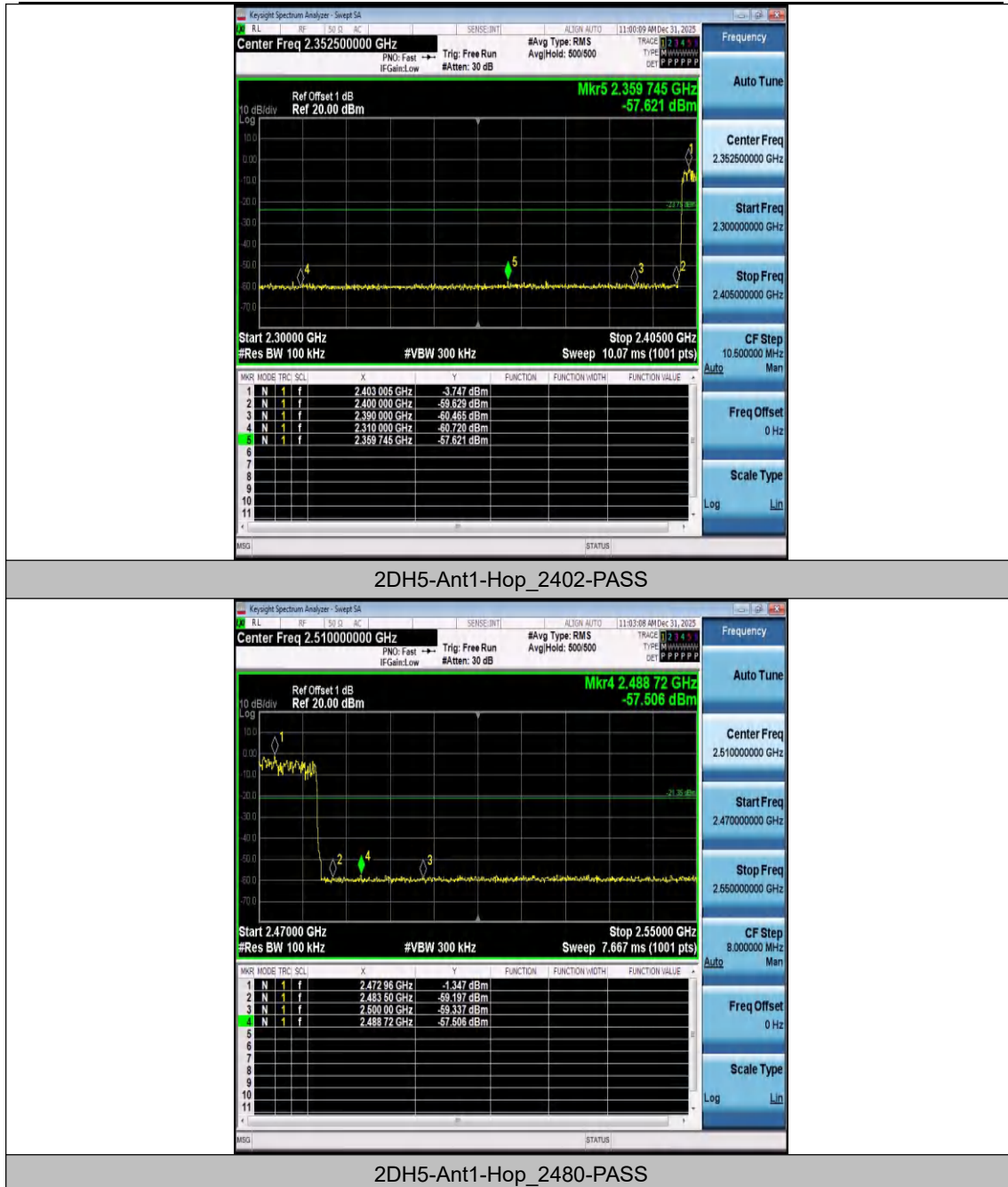
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.87	-56.15	≤-19.13	PASS
DH5	Ant1	High	2480	2.96	-47.44	≤-17.04	PASS
DH5	Ant1	Low	Hop_2402	0.48	-57.64	≤-19.52	PASS
DH5	Ant1	High	Hop_2480	2.63	-57.28	≤-17.37	PASS
2DH5	Ant1	Low	2402	-2.56	-55.39	≤-22.56	PASS
2DH5	Ant1	High	2480	-0.66	-56.93	≤-20.66	PASS
2DH5	Ant1	Low	Hop_2402	-3.75	-57.62	≤-23.75	PASS
2DH5	Ant1	High	Hop_2480	-1.35	-57.51	≤-21.35	PASS
3DH5	Ant1	Low	2402	-3.11	-57.94	≤-23.11	PASS
3DH5	Ant1	High	2480	-0.75	-56	≤-20.75	PASS
3DH5	Ant1	Low	Hop_2402	-2.99	-57.74	≤-22.99	PASS
3DH5	Ant1	High	Hop_2480	-1.53	-56.4	≤-21.53	PASS

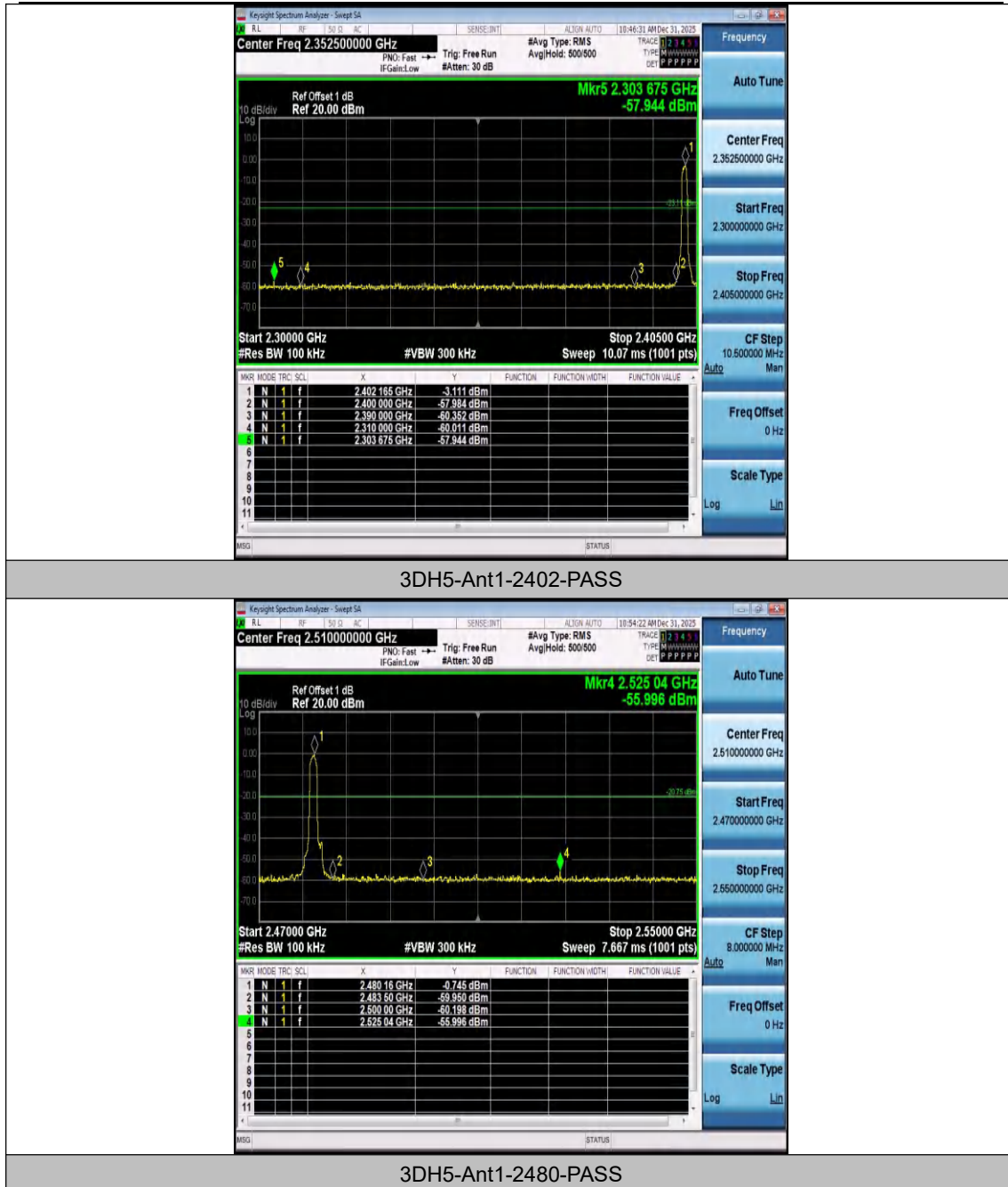
Test Graphs

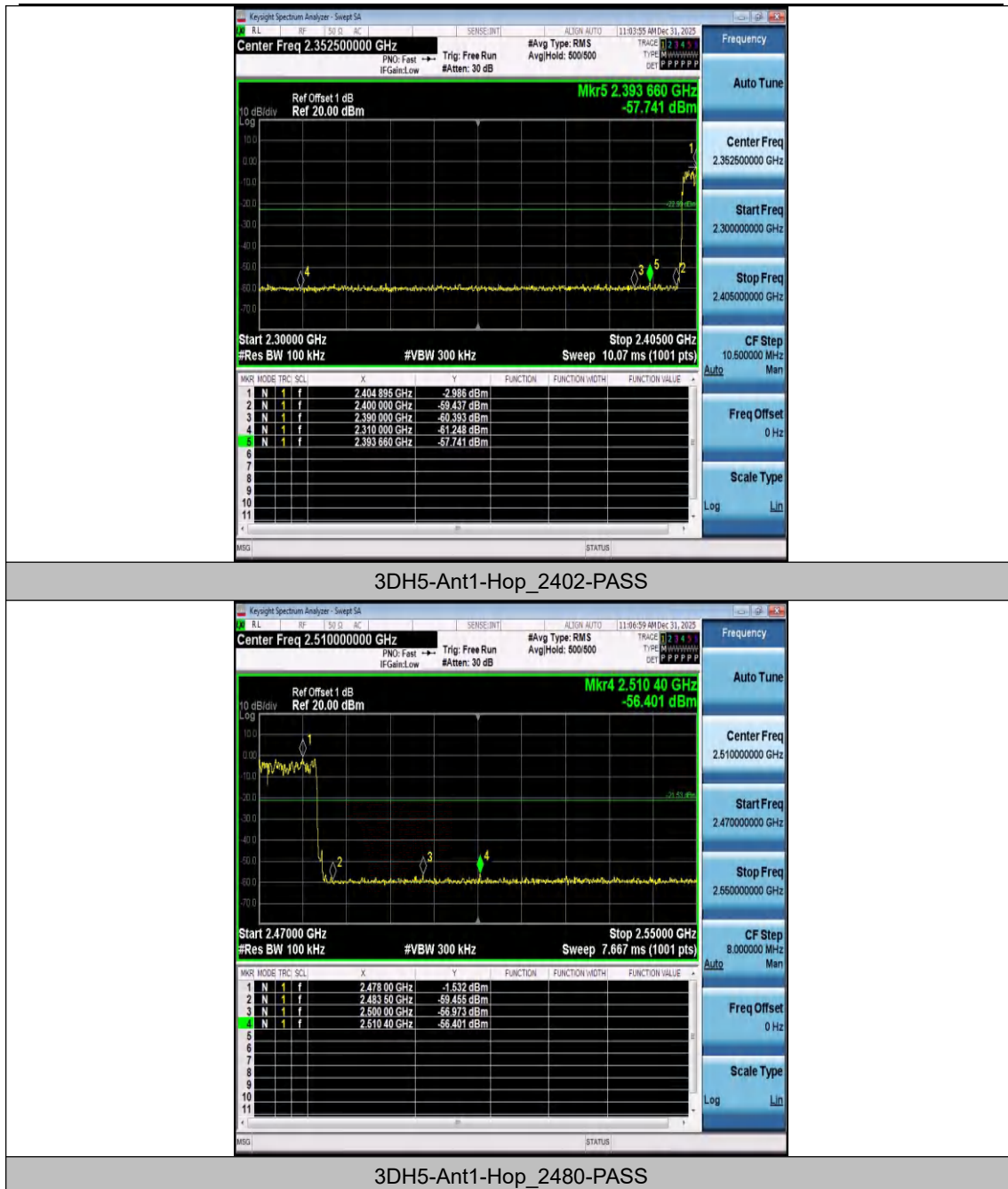












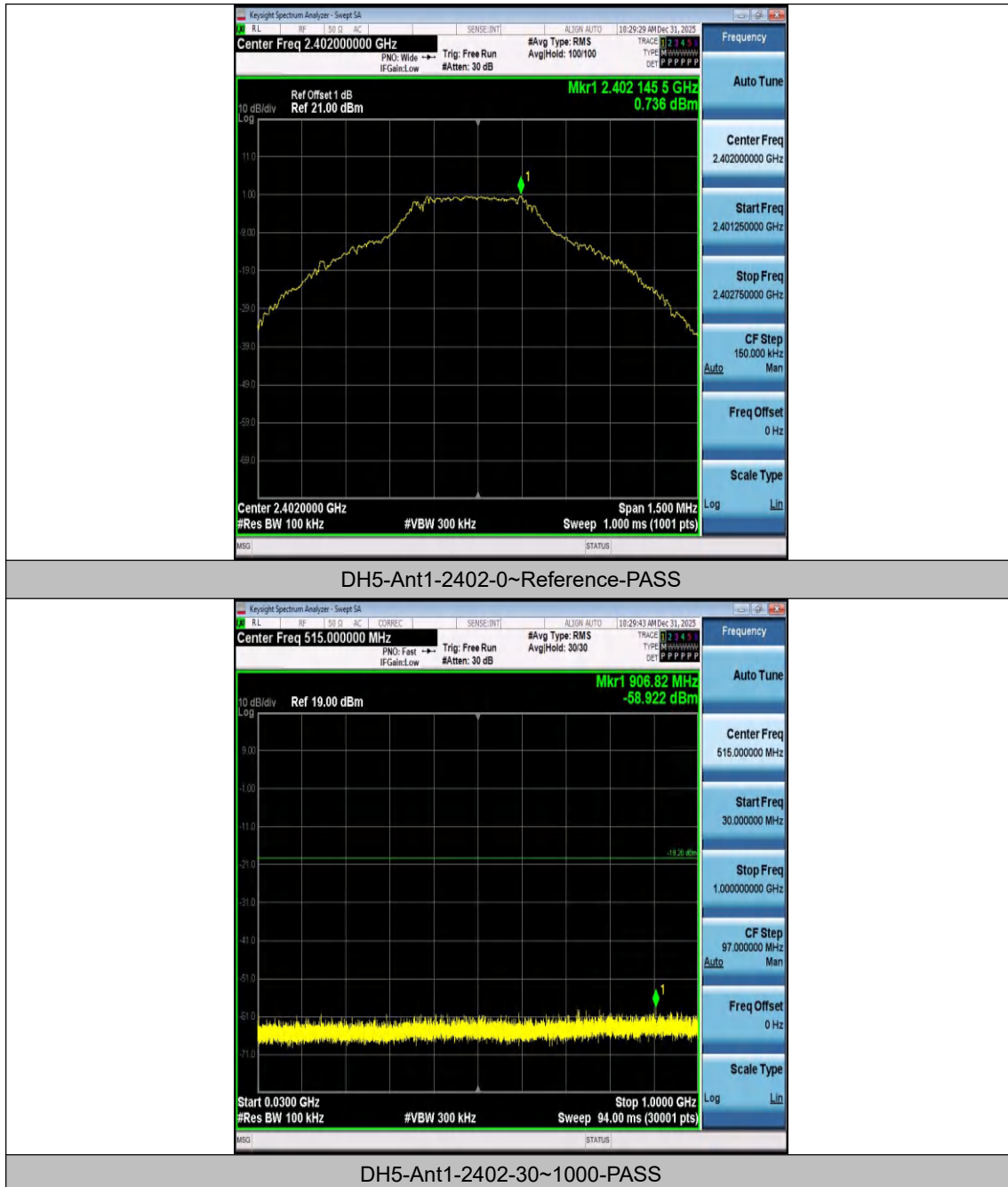
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.74	0.74	---	PASS
DH5	Ant1	2402	30~1000	0.74	-58.92	≤-19.26	PASS
DH5	Ant1	2402	1000~26500	0.74	-48.75	≤-19.26	PASS
DH5	Ant1	2441	0~Reference	1.73	1.73	---	PASS
DH5	Ant1	2441	30~1000	1.73	-58.86	≤-18.27	PASS
DH5	Ant1	2441	1000~26500	1.73	-48.54	≤-18.27	PASS
DH5	Ant1	2480	0~Reference	2.76	2.76	---	PASS
DH5	Ant1	2480	30~1000	2.76	-58.83	≤-17.24	PASS
DH5	Ant1	2480	1000~26500	2.76	-48.47	≤-17.24	PASS
2DH5	Ant1	2402	0~Reference	-3.12	-3.12	---	PASS
2DH5	Ant1	2402	30~1000	-3.12	-59.05	≤-23.12	PASS
2DH5	Ant1	2402	1000~26500	-3.12	-48.96	≤-23.12	PASS
2DH5	Ant1	2441	0~Reference	-1.59	-1.59	---	PASS
2DH5	Ant1	2441	30~1000	-1.59	-58.96	≤-21.59	PASS
2DH5	Ant1	2441	1000~26500	-1.59	-49.04	≤-21.59	PASS
2DH5	Ant1	2480	0~Reference	-1.46	-1.46	---	PASS
2DH5	Ant1	2480	30~1000	-1.46	-59.24	≤-21.46	PASS
2DH5	Ant1	2480	1000~26500	-1.46	-48.37	≤-21.46	PASS
3DH5	Ant1	2402	0~Reference	-3.32	-3.32	---	PASS
3DH5	Ant1	2402	30~1000	-3.32	-58.48	≤-23.32	PASS
3DH5	Ant1	2402	1000~26500	-3.32	-49.02	≤-23.32	PASS
3DH5	Ant1	2441	0~Reference	-1.71	-1.71	---	PASS
3DH5	Ant1	2441	30~1000	-1.71	-58.84	≤-21.71	PASS
3DH5	Ant1	2441	1000~26500	-1.71	-48.95	≤-21.71	PASS
3DH5	Ant1	2480	0~Reference	-0.46	-0.46	---	PASS
3DH5	Ant1	2480	30~1000	-0.46	-59.15	≤-20.46	PASS
3DH5	Ant1	2480	1000~26500	-0.46	-48.62	≤-20.46	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.

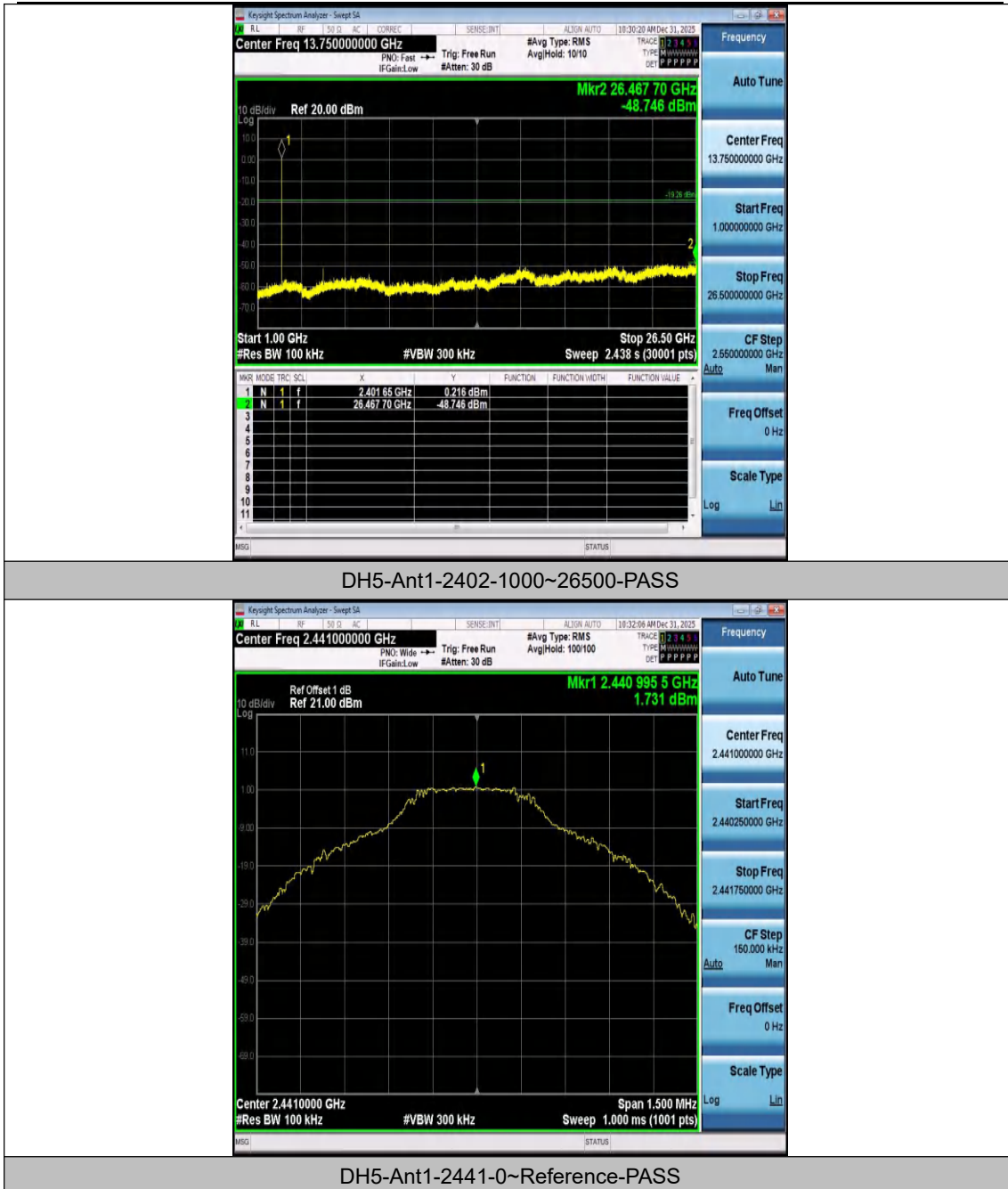
Test Graphs

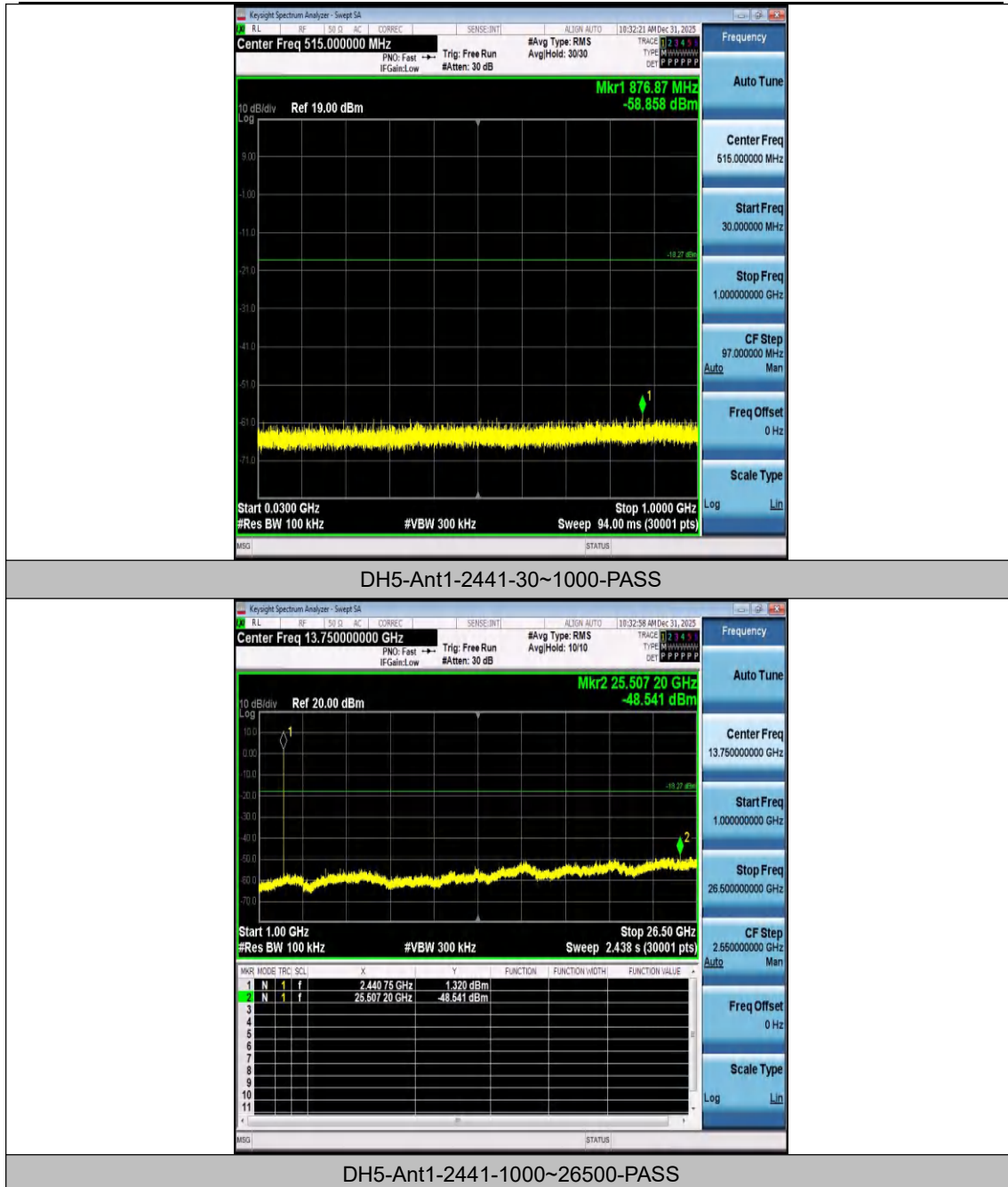


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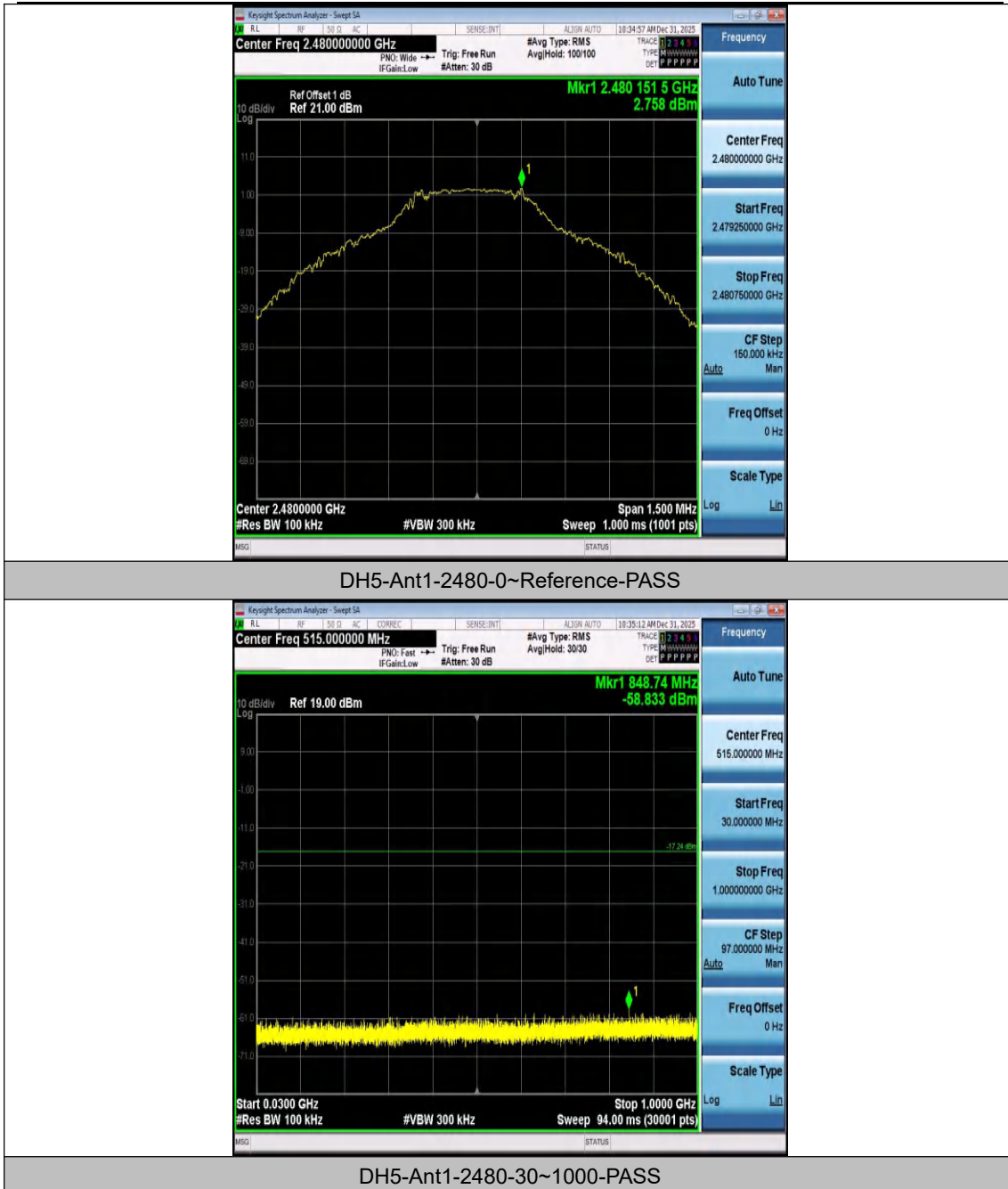




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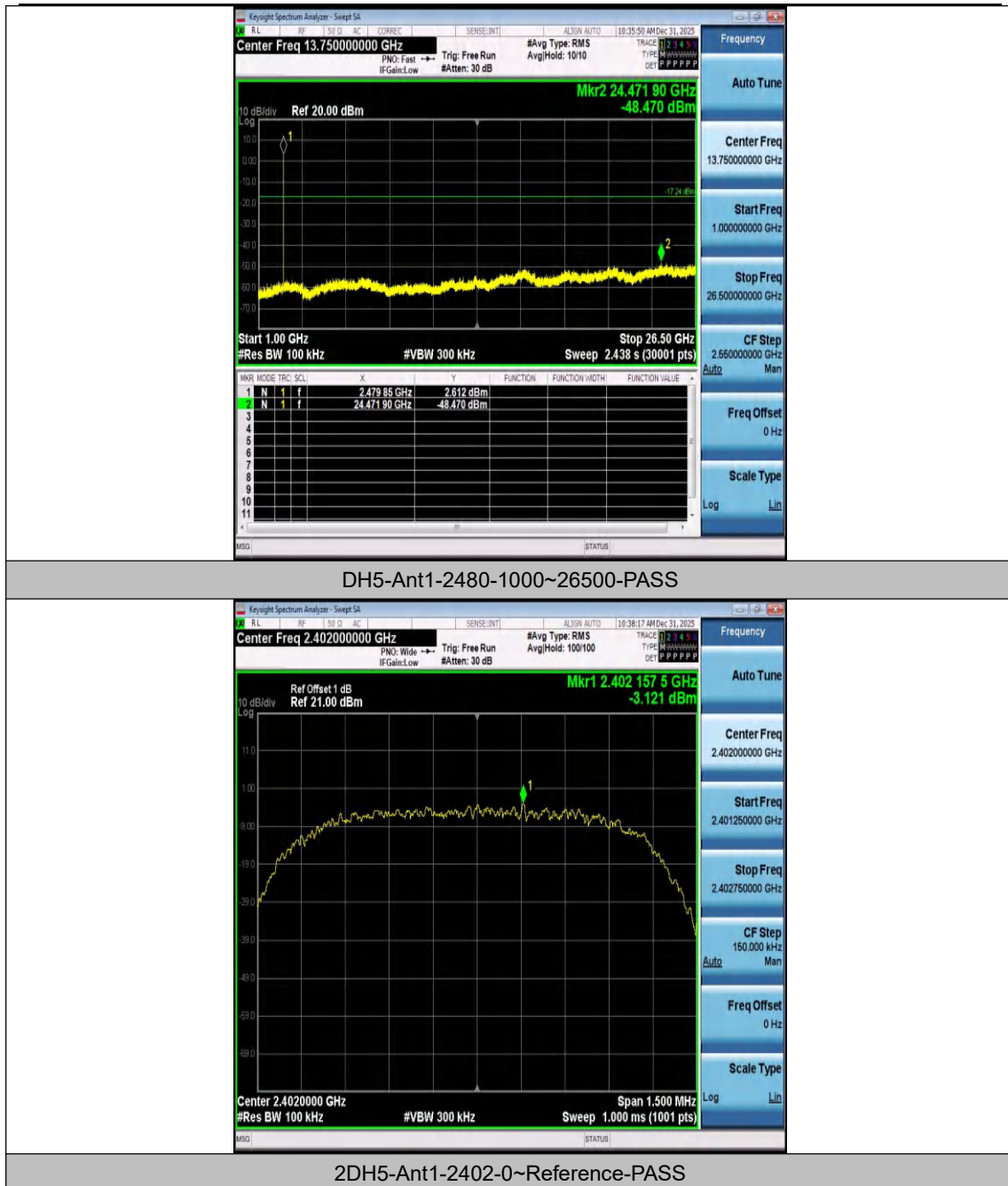
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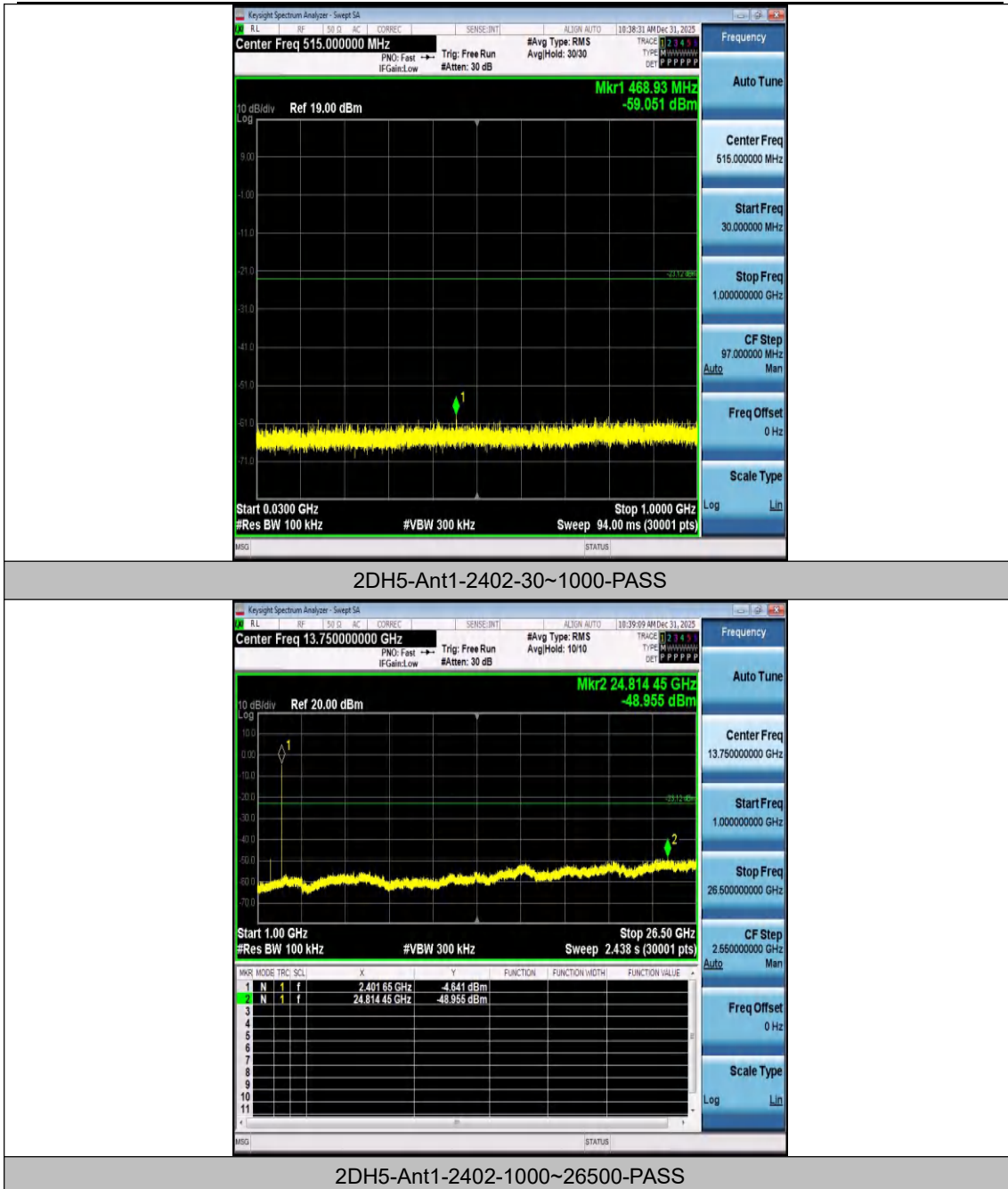


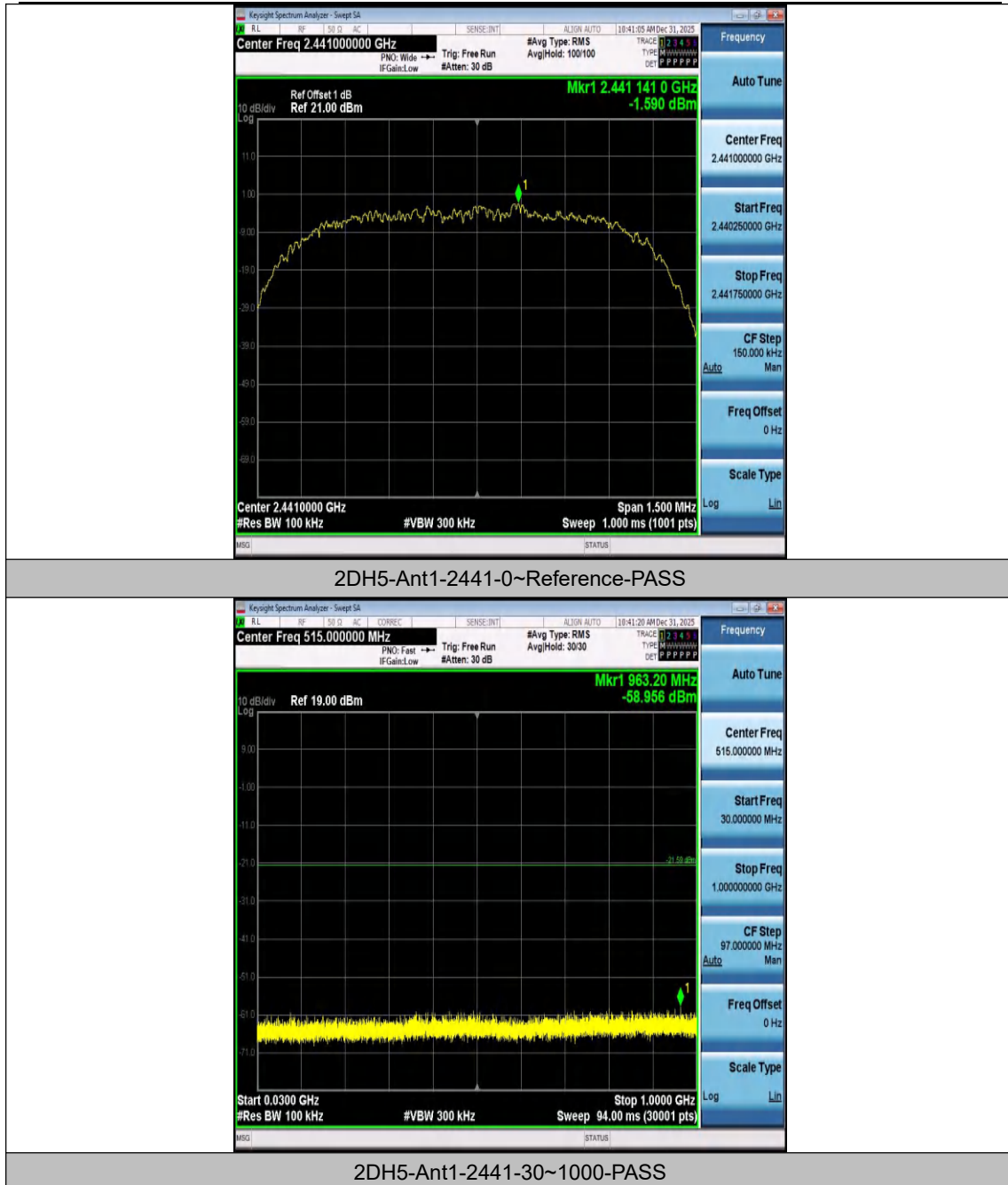
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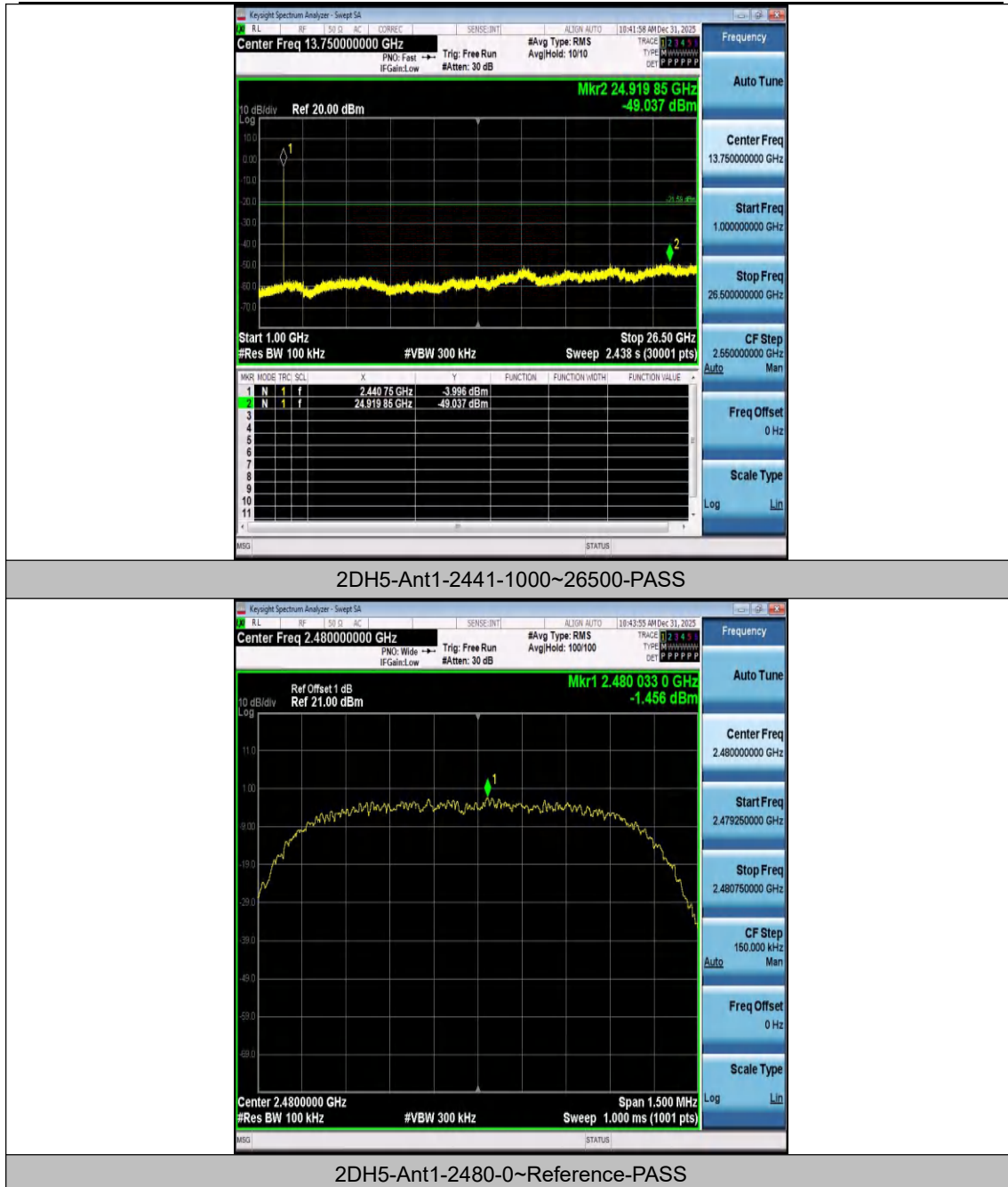




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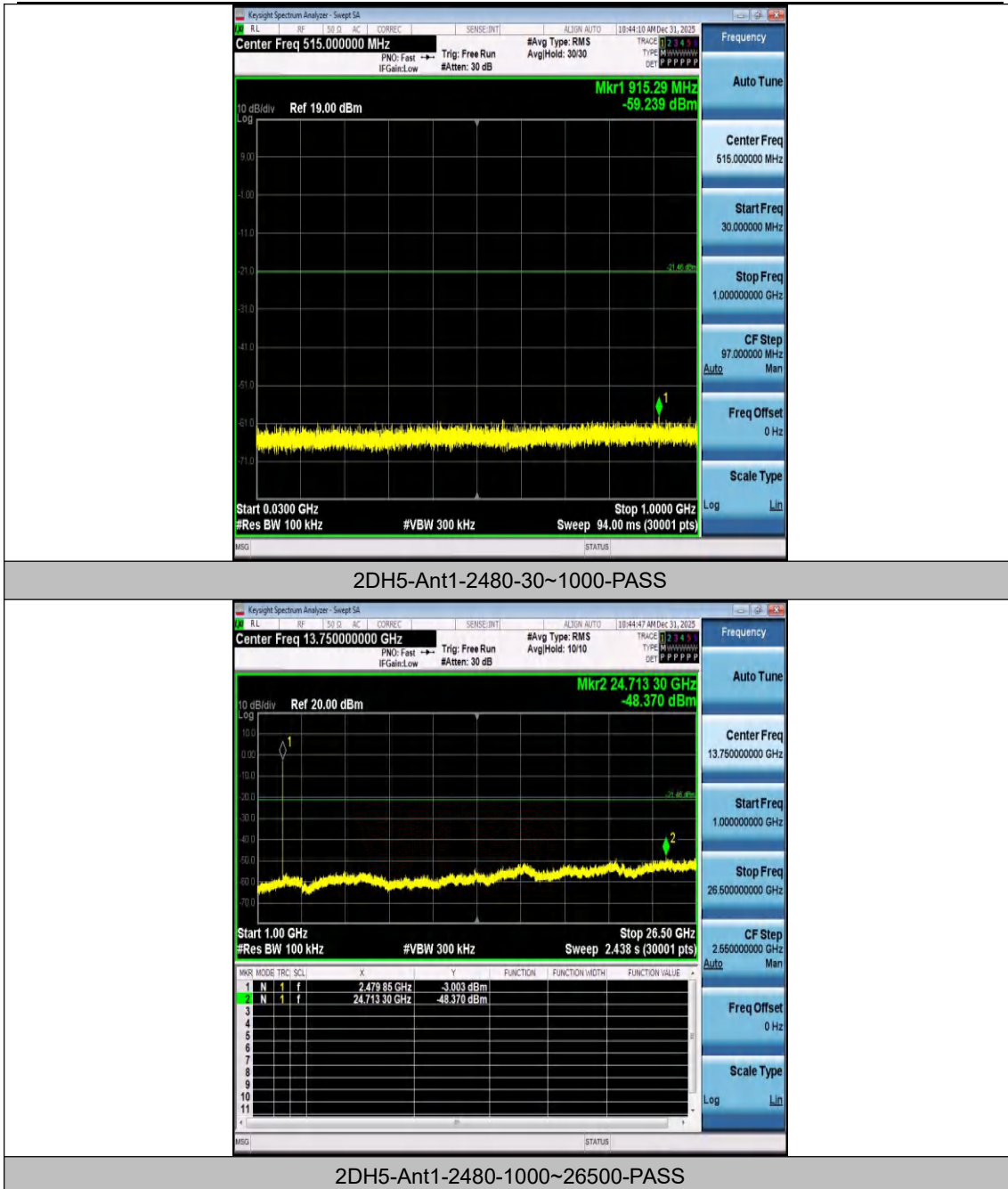
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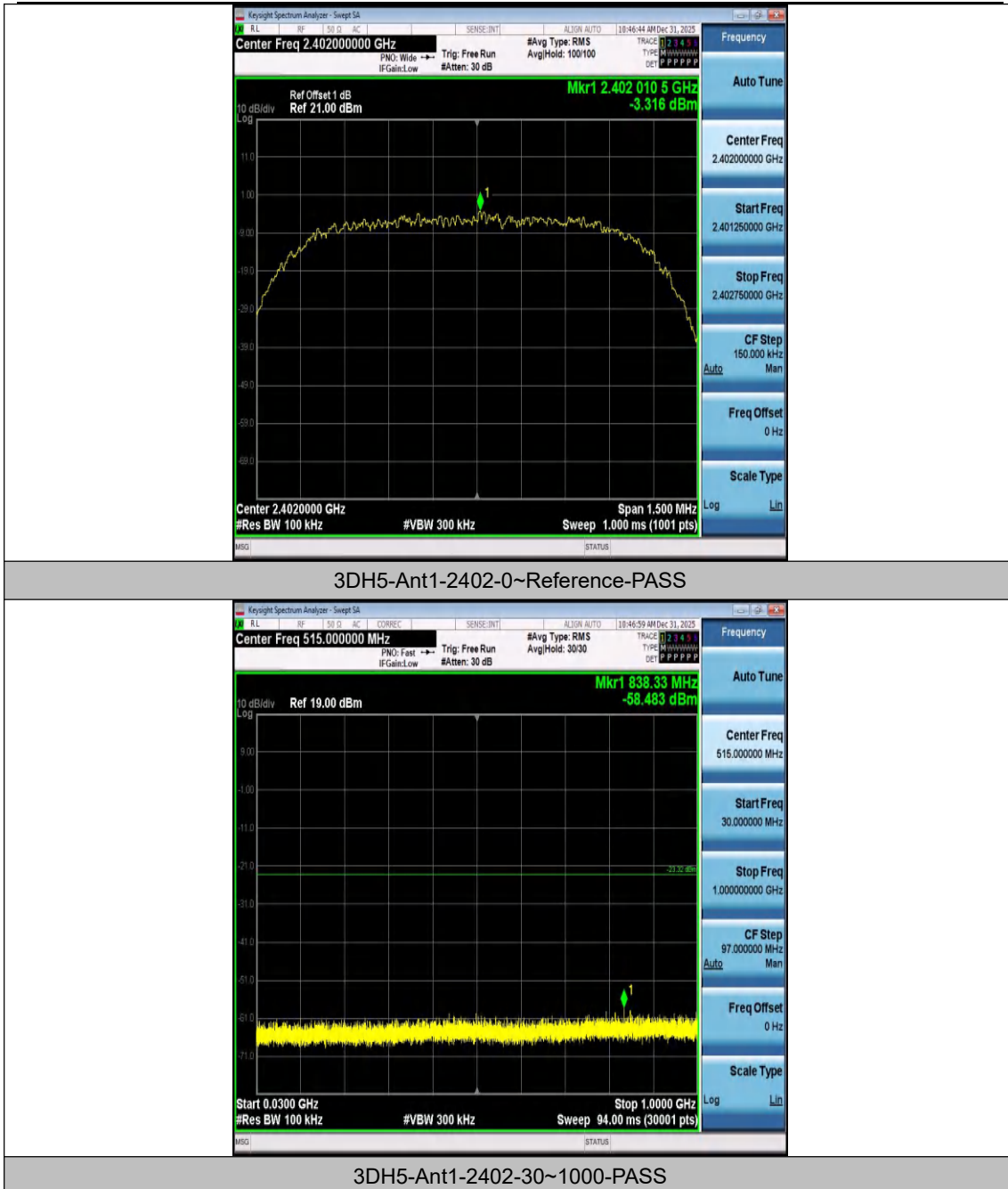
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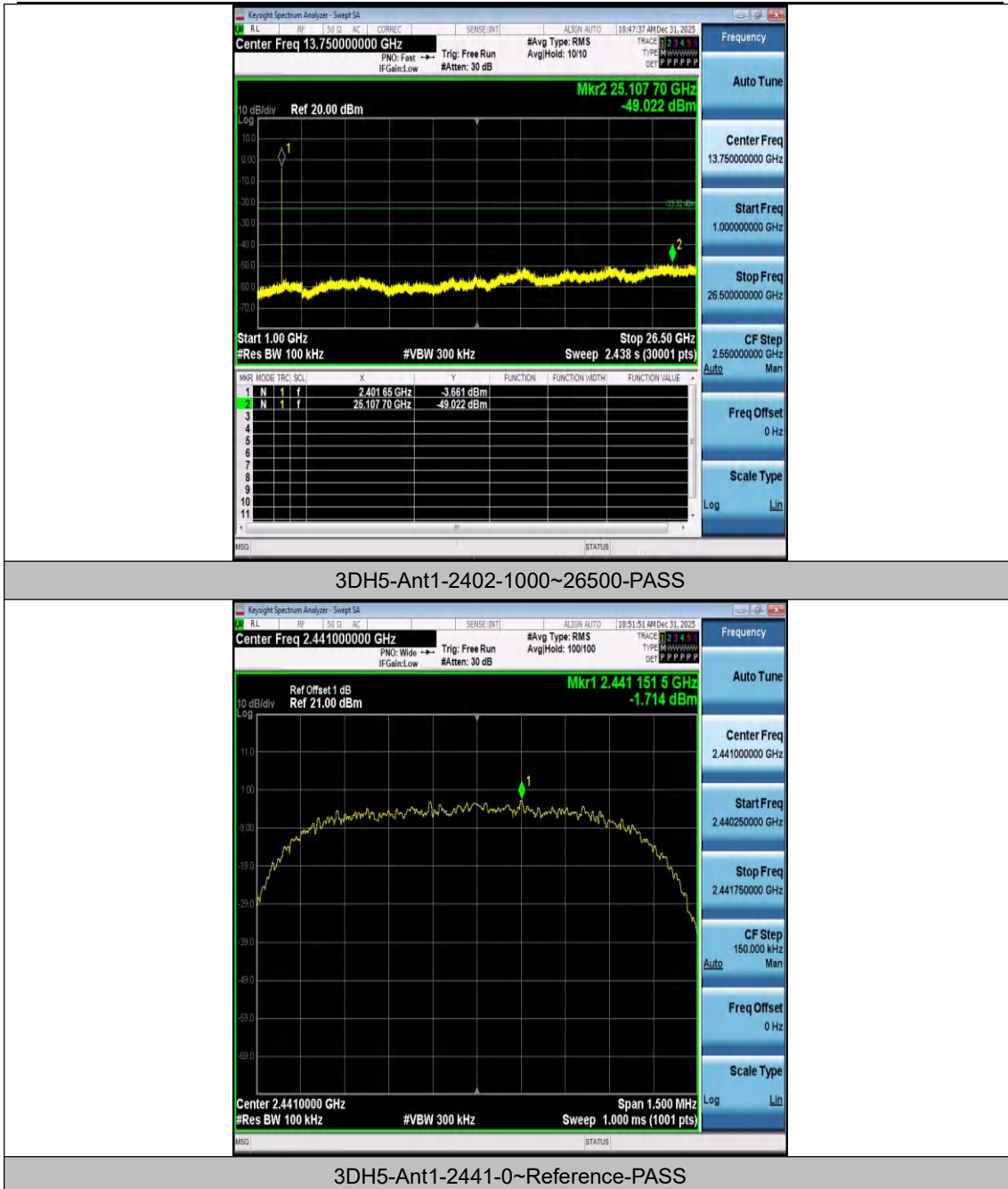
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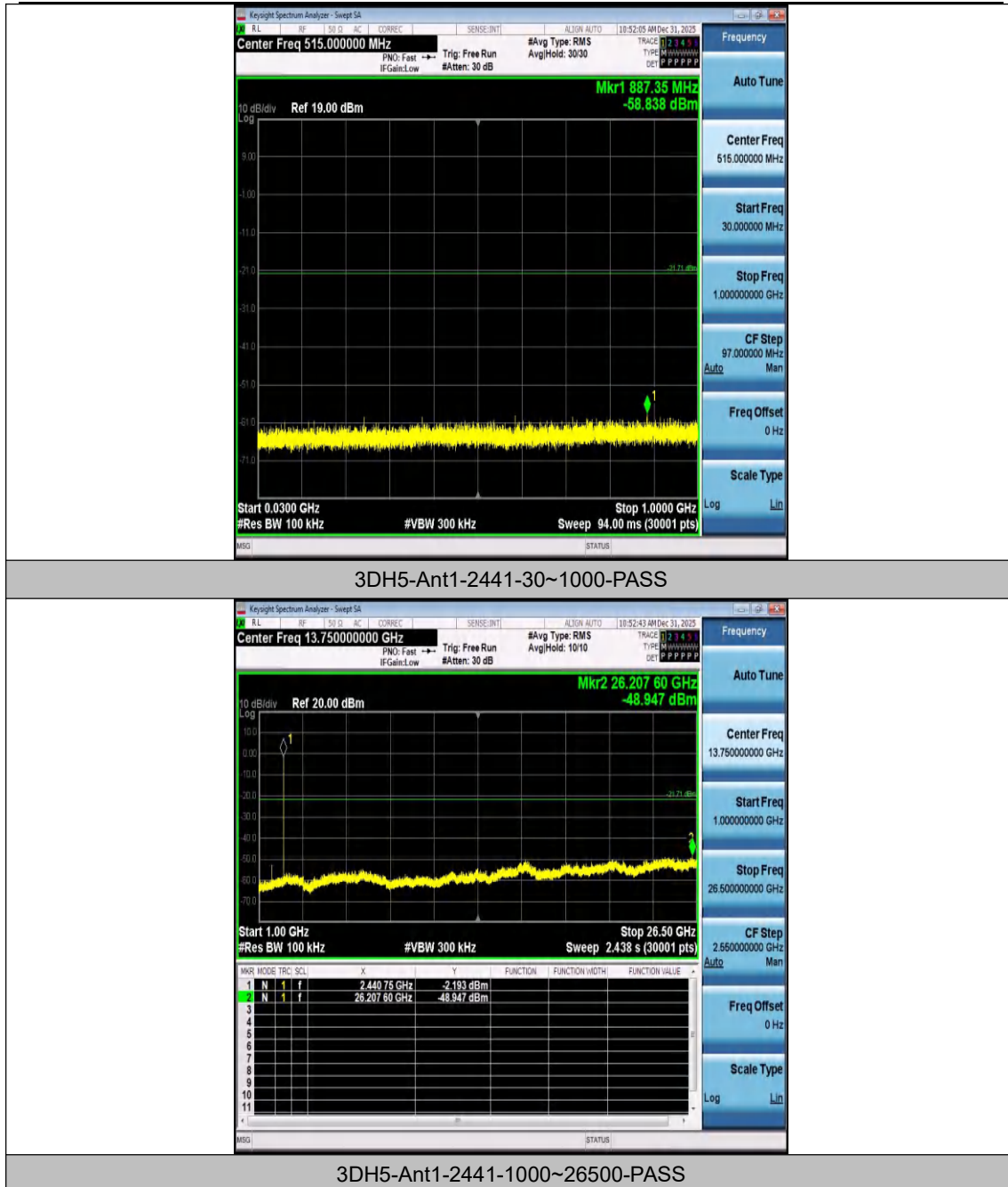
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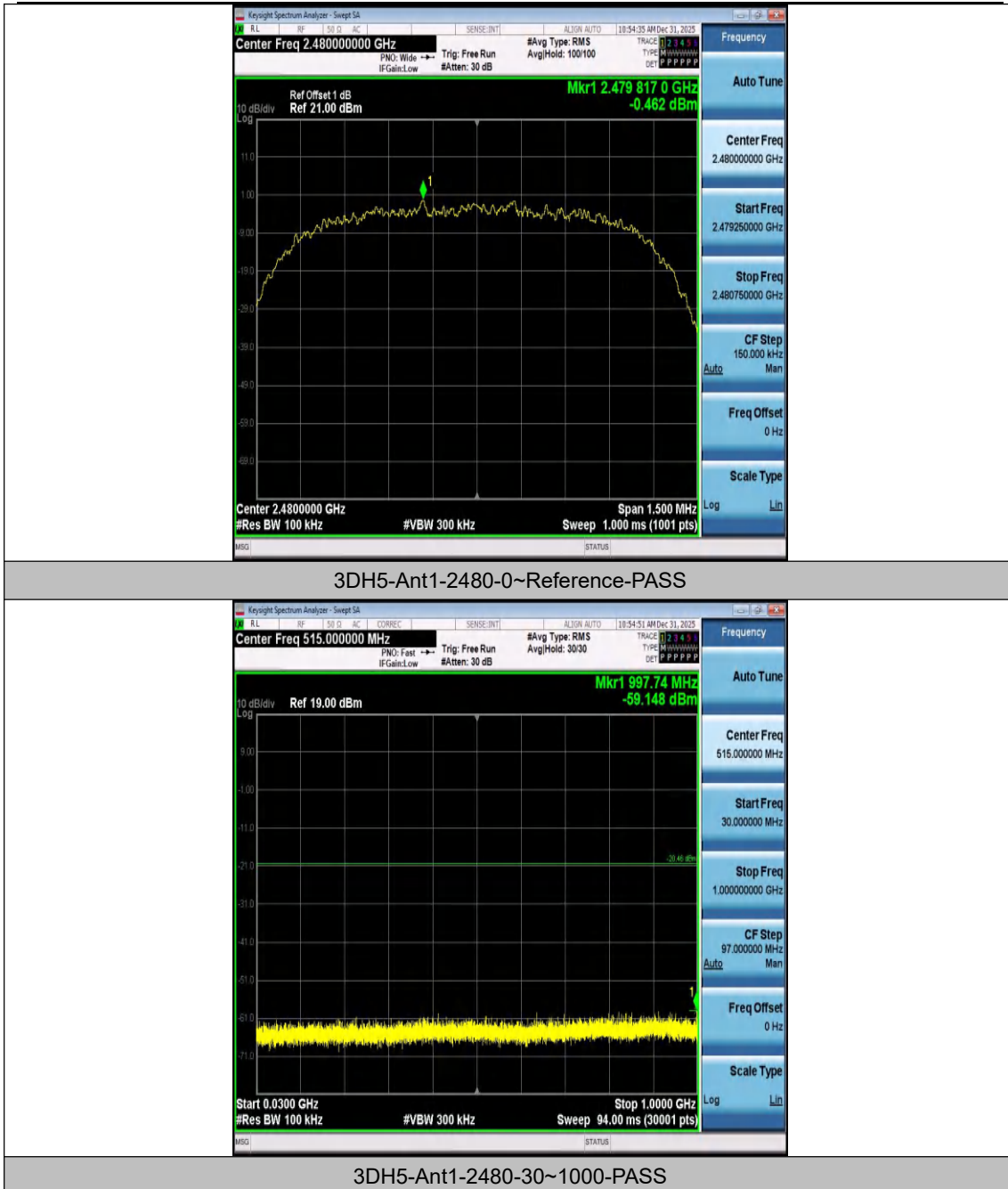
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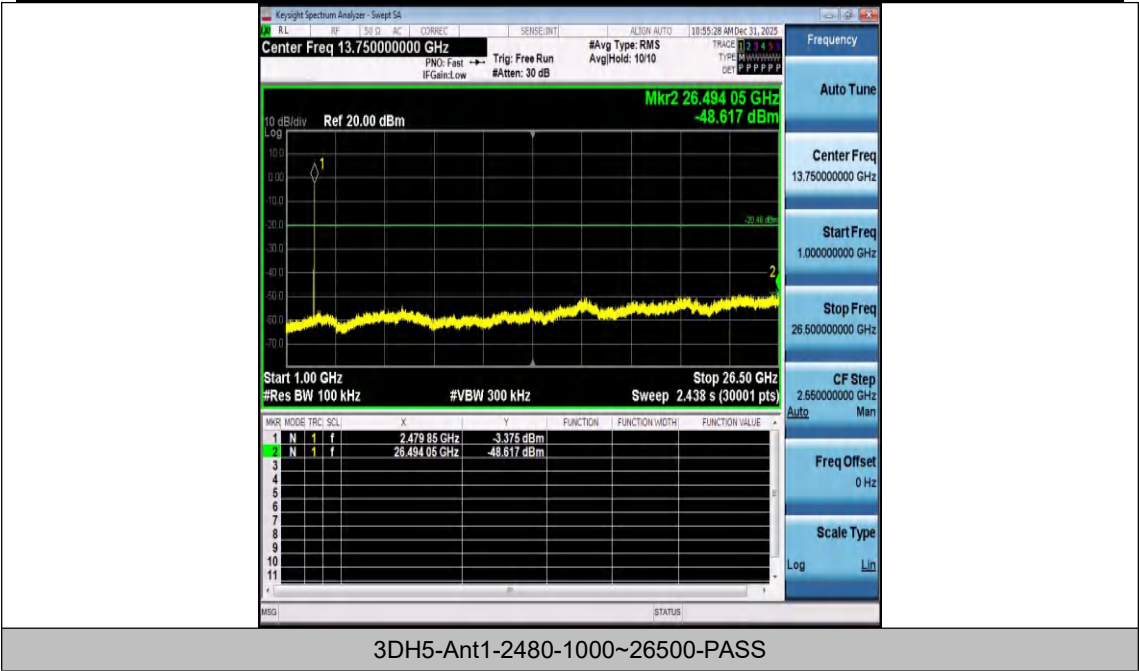
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3DH5-Ant1-2480-1000~26500-PASS

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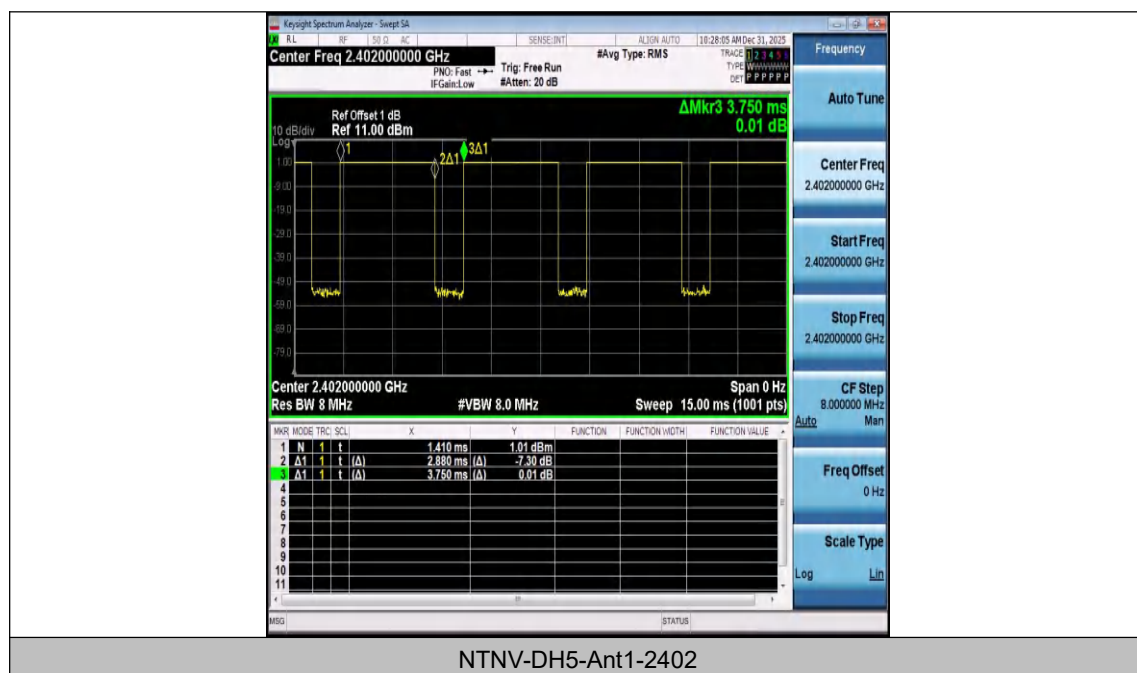
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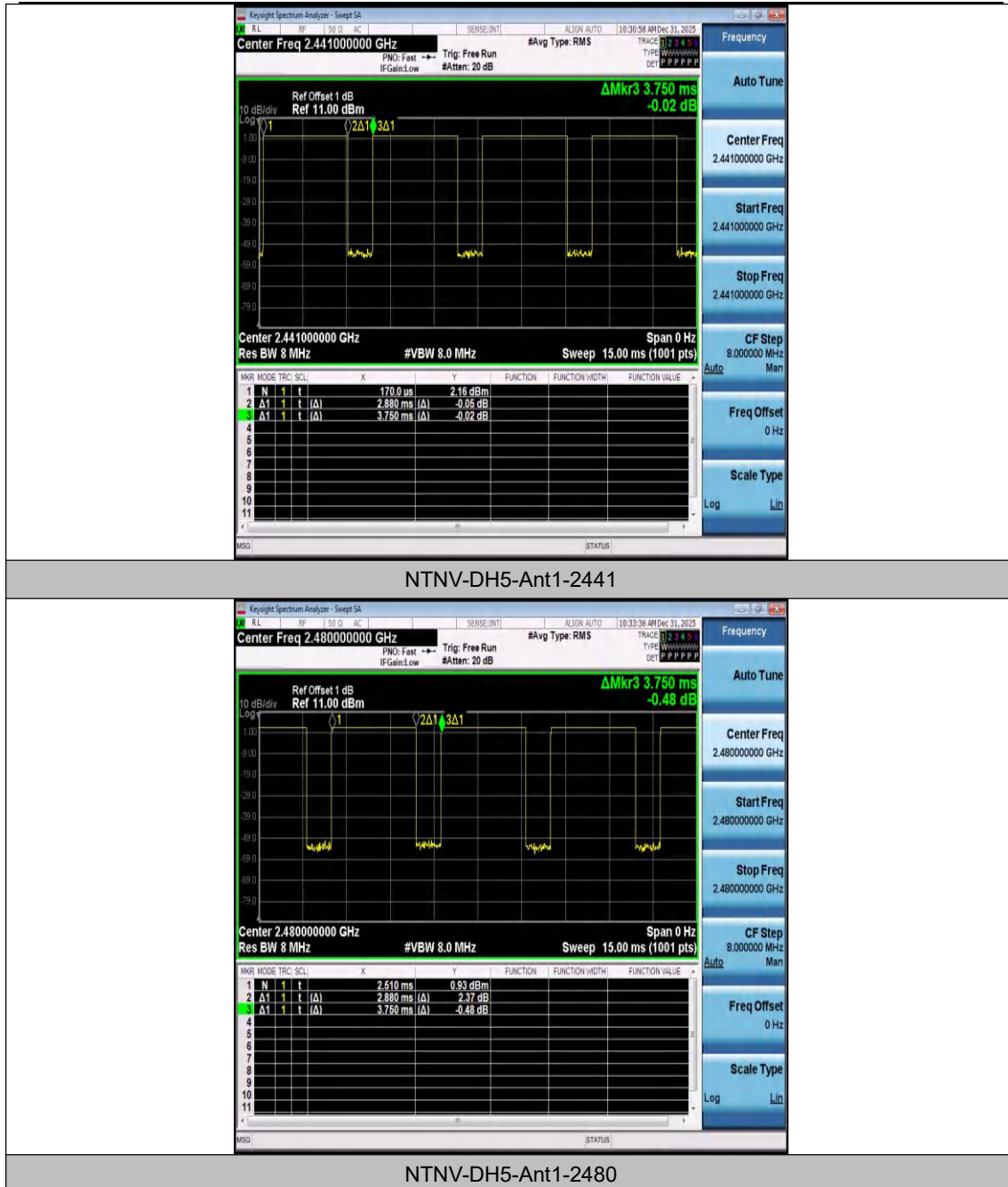
Appendix I: Duty Cycle

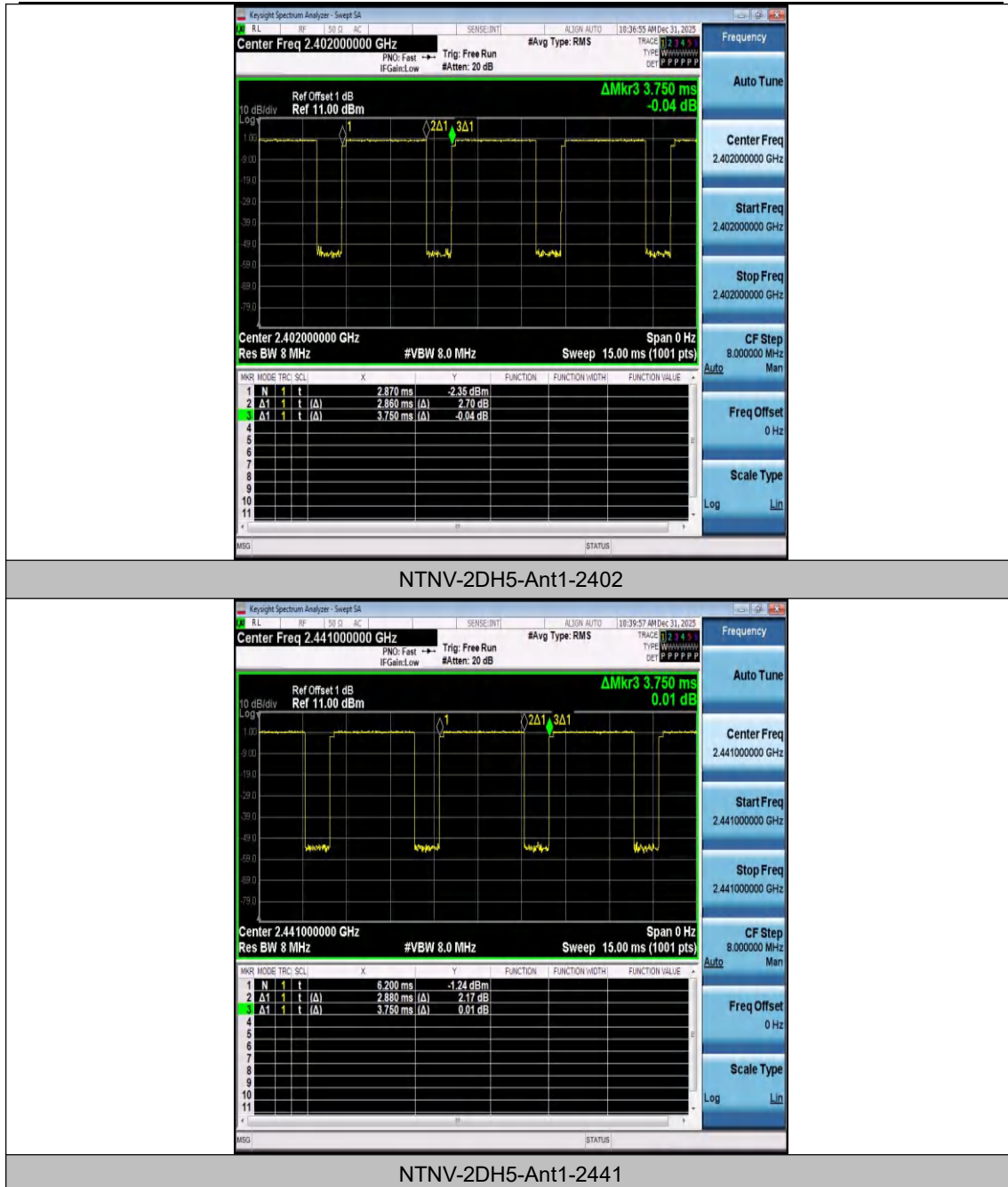
Test Result

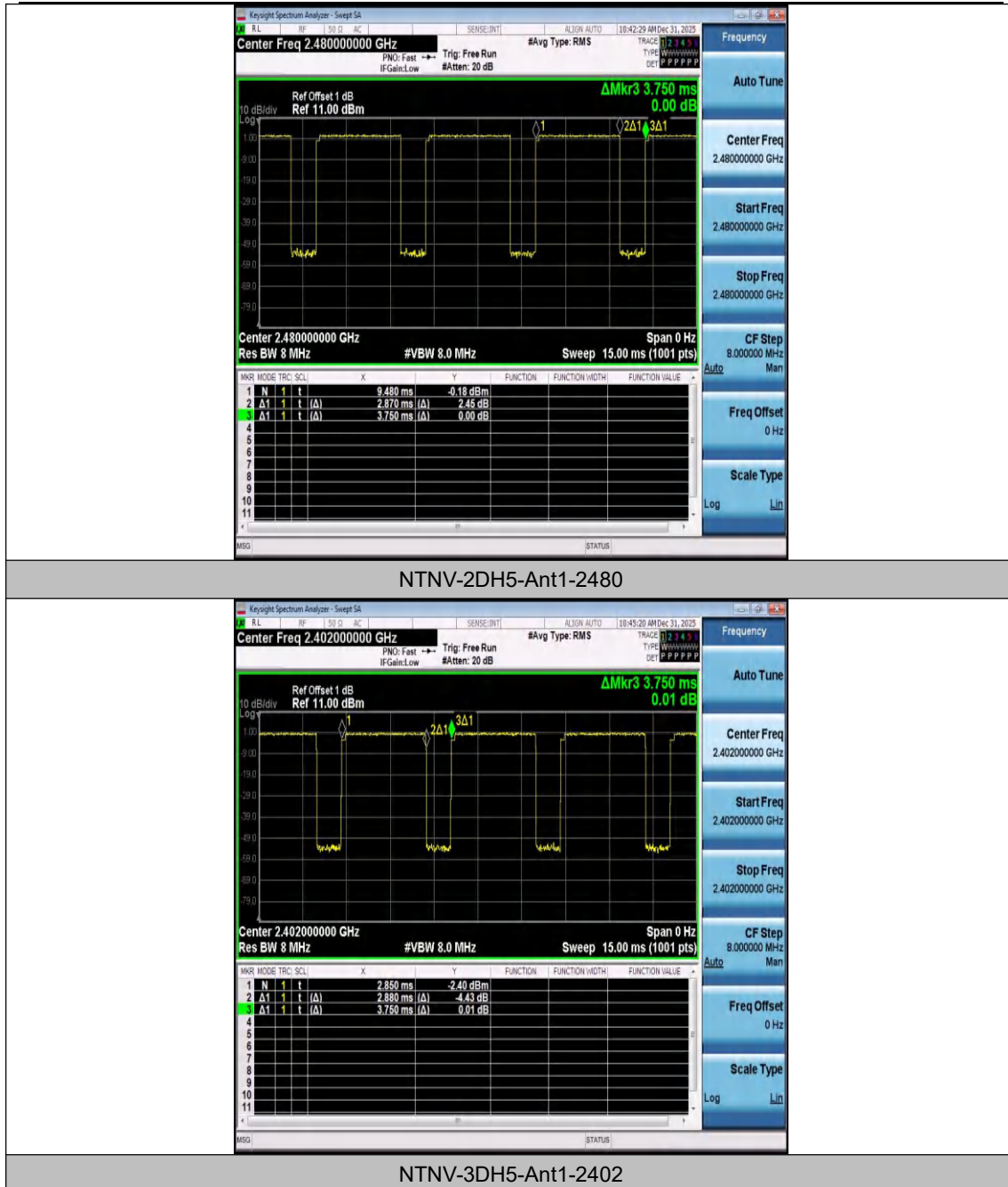
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.86	3.75	76.27	1.18
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.87	3.75	76.53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

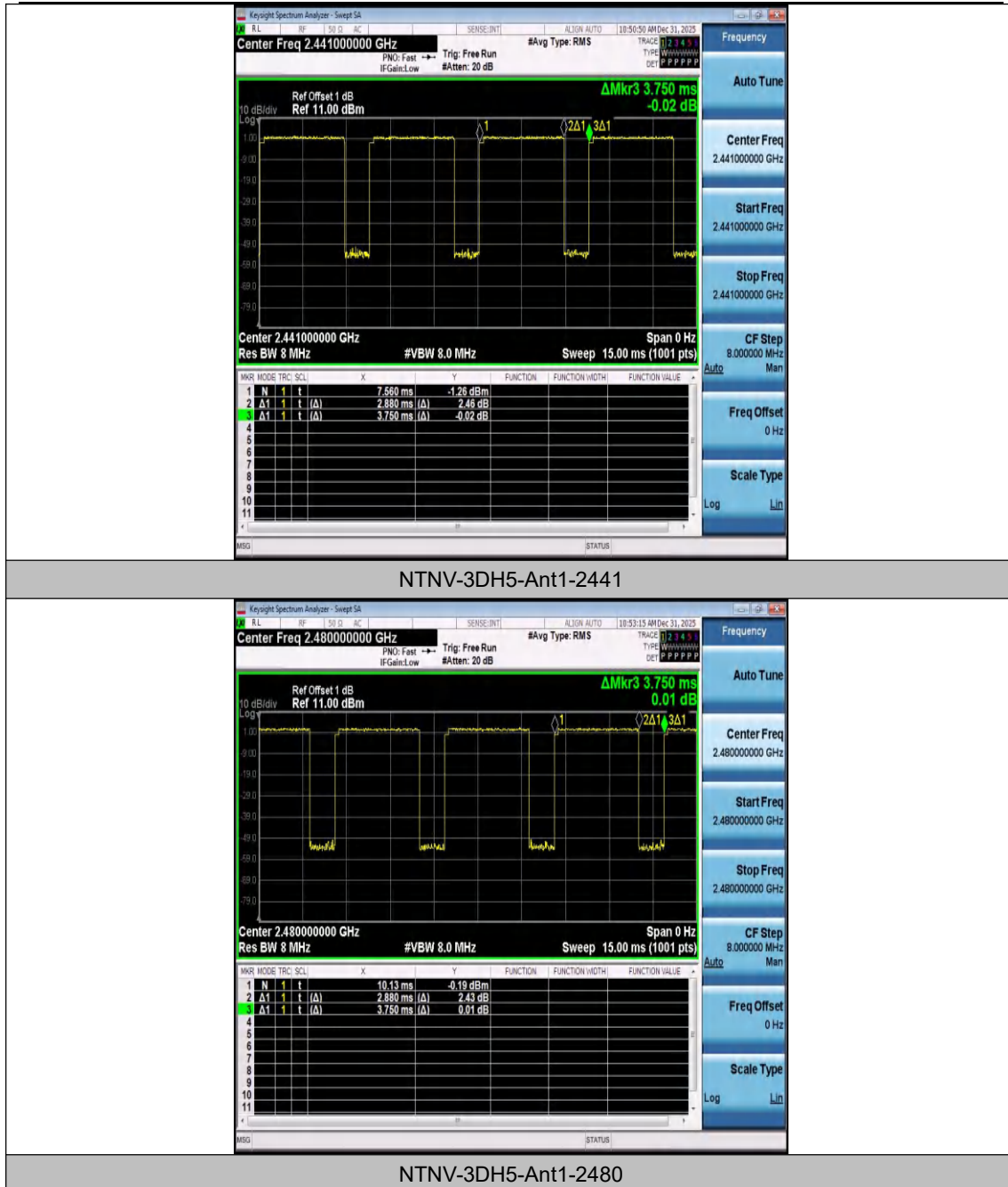
Test Graphs











---End---