

Appendix Test Data

Report No.:	1812C60096712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-3	Finish Test Date:	2026-3-11
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24°C	Relative Humidity:	55%
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	0.957	2401.568	2402.525	---	---
DH5	Ant1	2441	0.954	2440.571	2441.525	---	---
DH5	Ant1	2480	0.954	2479.574	2480.528	---	---
2DH5	Ant1	2402	1.275	2401.412	2402.687	---	---
2DH5	Ant1	2441	1.320	2440.373	2441.693	---	---
2DH5	Ant1	2480	1.275	2479.412	2480.687	---	---
3DH5	Ant1	2402	1.290	2401.388	2402.678	---	---
3DH5	Ant1	2441	1.305	2440.388	2441.693	---	---
3DH5	Ant1	2480	1.269	2479.394	2480.663	---	---

Test Graphs



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3DH5-Ant1-2480

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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	0.85628	2401.6056	2402.4619	---	---
DH5	Ant1	2441	0.87050	2440.6050	2441.4755	---	---
DH5	Ant1	2480	0.86928	2479.6100	2480.4793	---	---
2DH5	Ant1	2402	1.1881	2401.4400	2402.6281	---	---
2DH5	Ant1	2441	1.2029	2440.4353	2441.6382	---	---
2DH5	Ant1	2480	1.1787	2479.4493	2480.6280	---	---
3DH5	Ant1	2402	1.1929	2401.4383	2402.6312	---	---
3DH5	Ant1	2441	1.1915	2440.4413	2441.6328	---	---
3DH5	Ant1	2480	1.2093	2479.4306	2480.6399	---	---

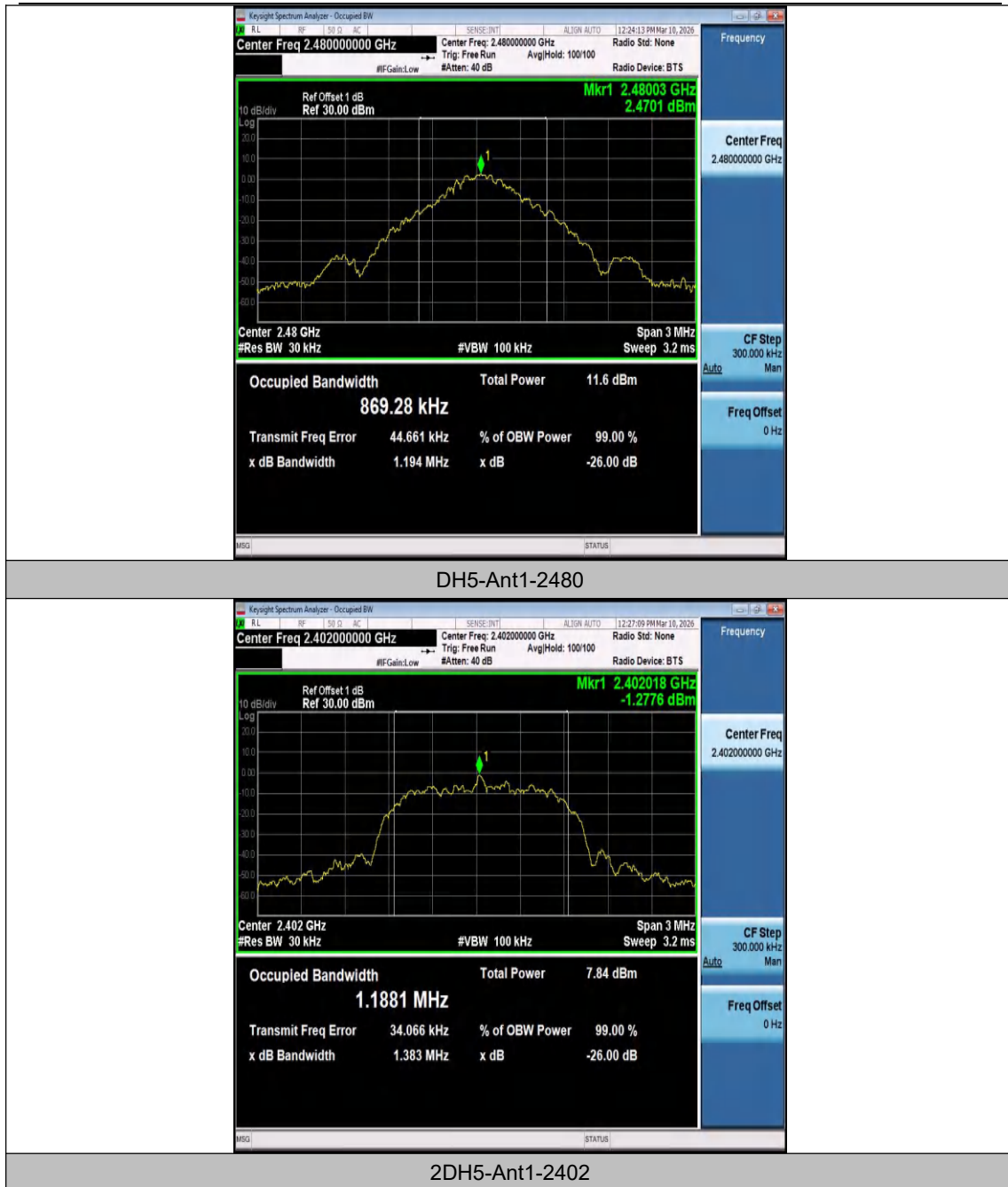
Test Graphs



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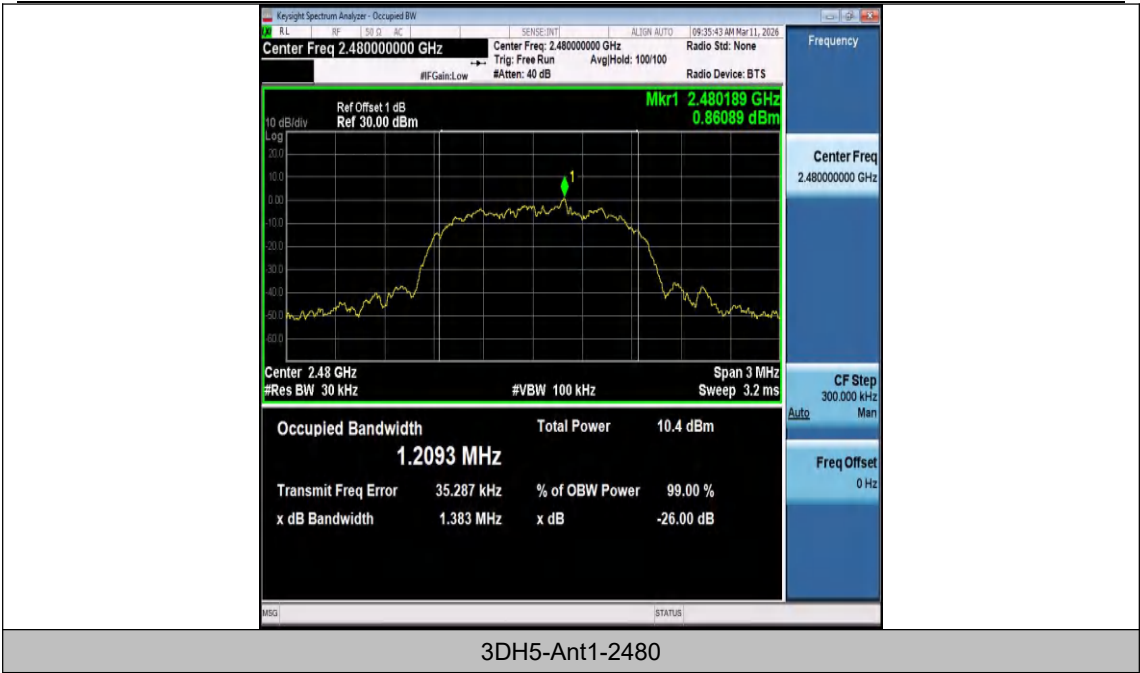
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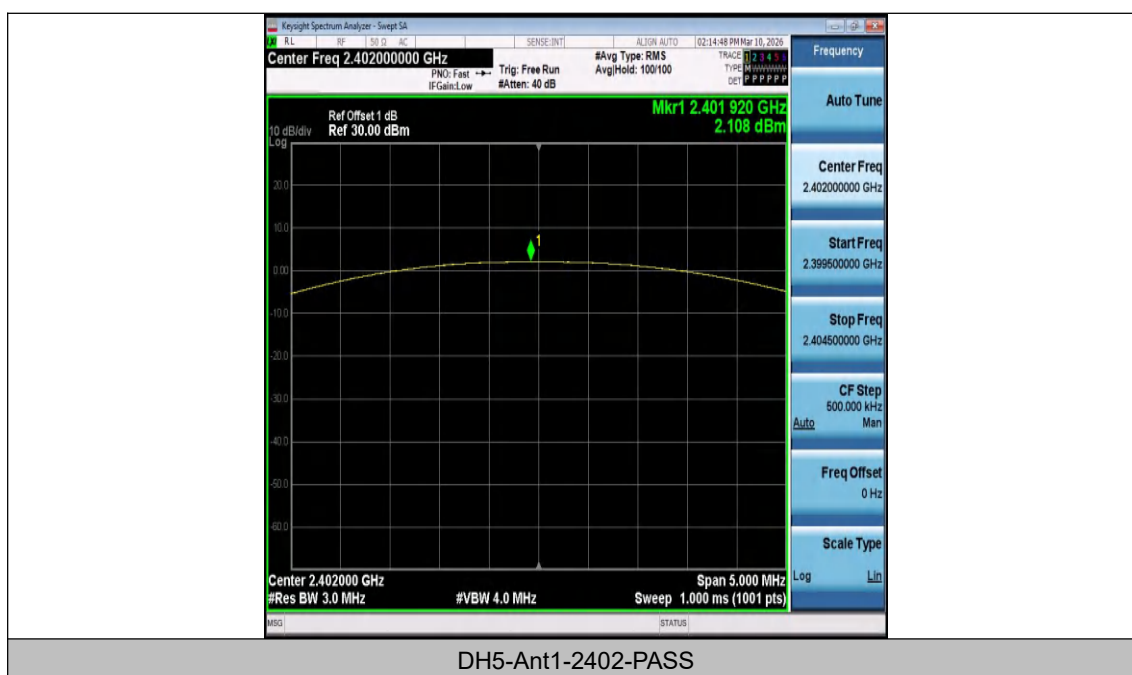
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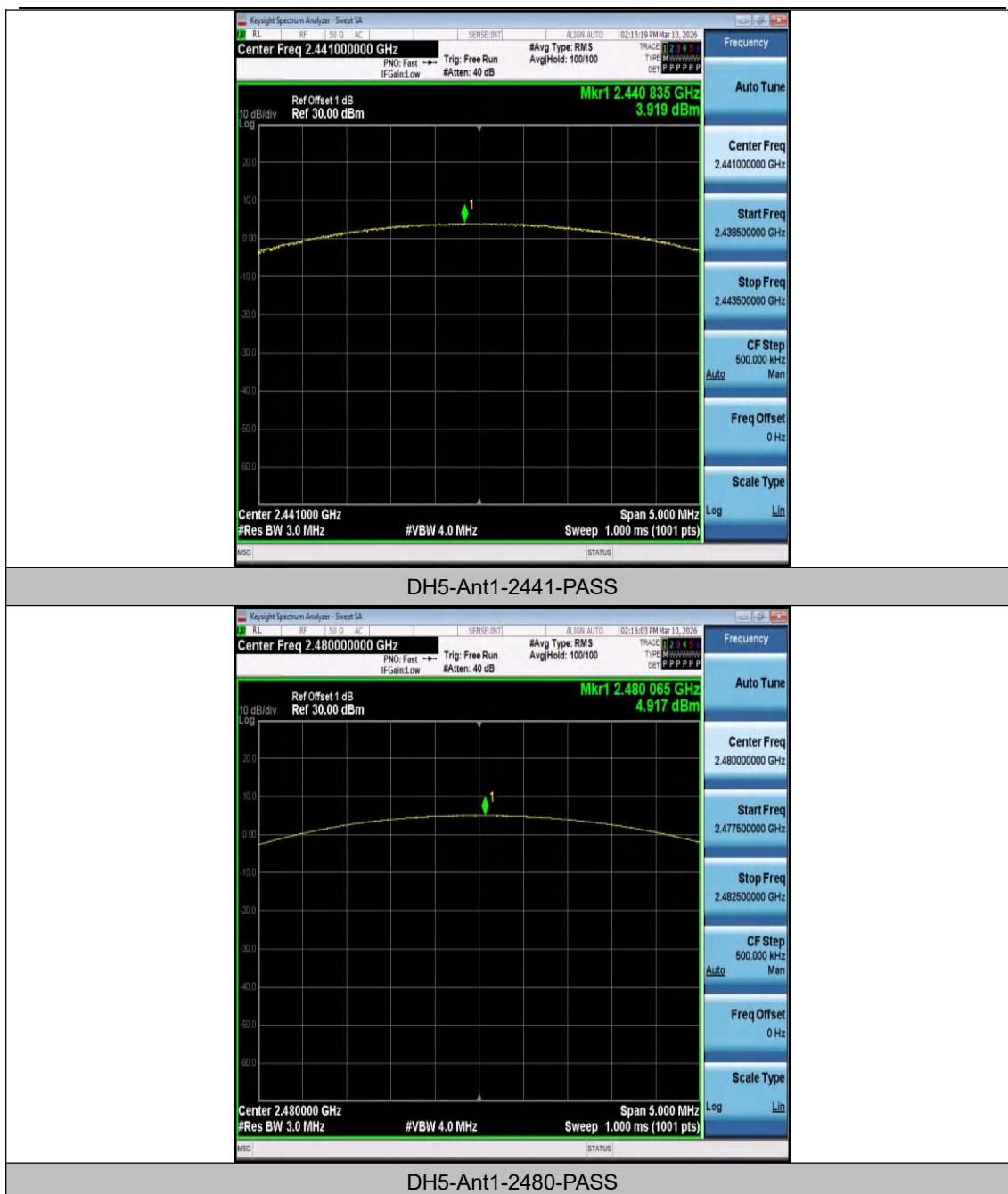
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.11	≤20.97	PASS
DH5	Ant1	2441	3.92	≤20.97	PASS
DH5	Ant1	2480	4.92	≤20.97	PASS
2DH5	Ant1	2402	3.06	≤20.97	PASS
2DH5	Ant1	2441	4.66	≤20.97	PASS
2DH5	Ant1	2480	5.81	≤20.97	PASS
3DH5	Ant1	2402	3.37	≤20.97	PASS
3DH5	Ant1	2441	4.76	≤20.97	PASS
3DH5	Ant1	2480	6.18	≤20.97	PASS

Test Graphs

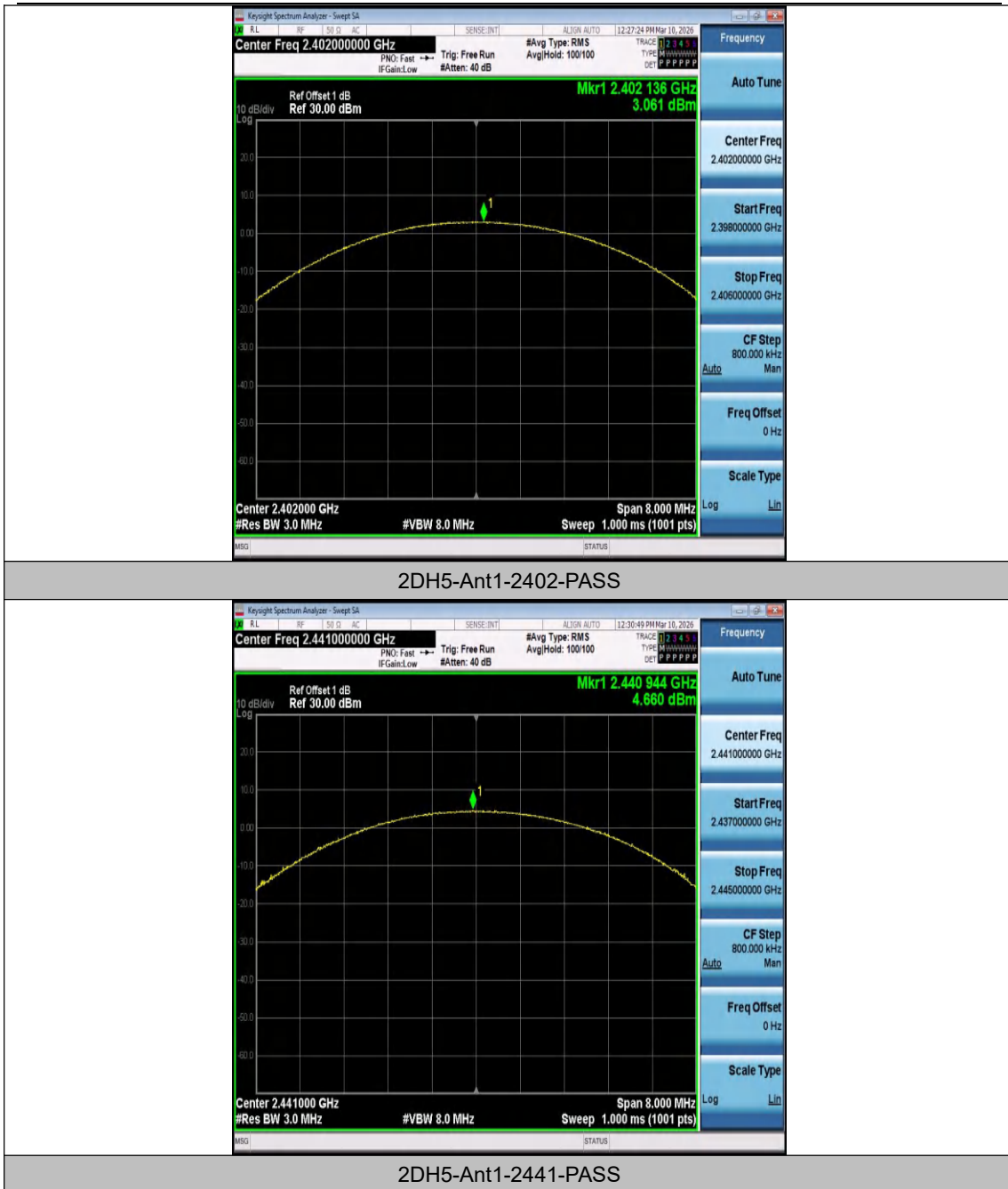




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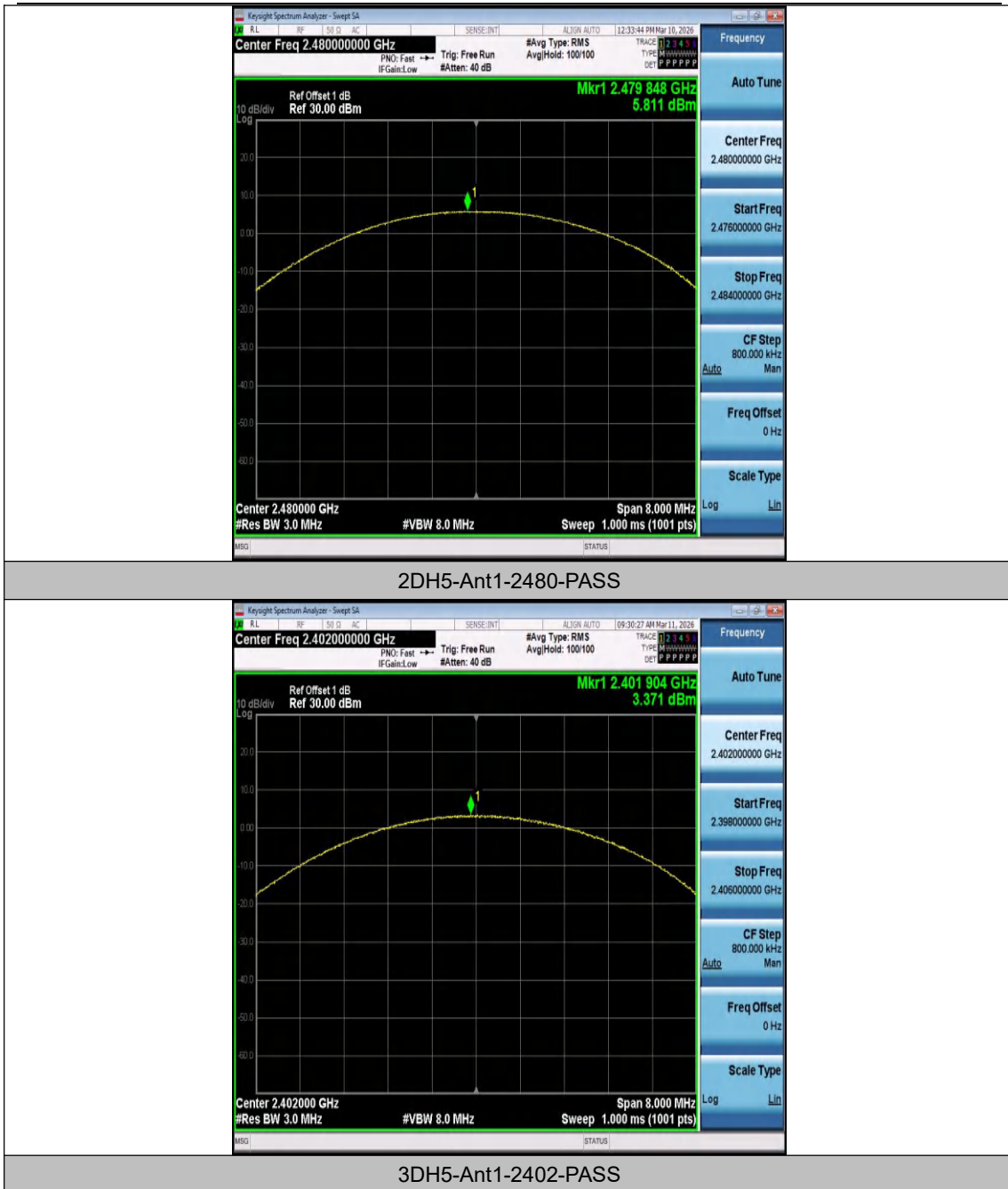
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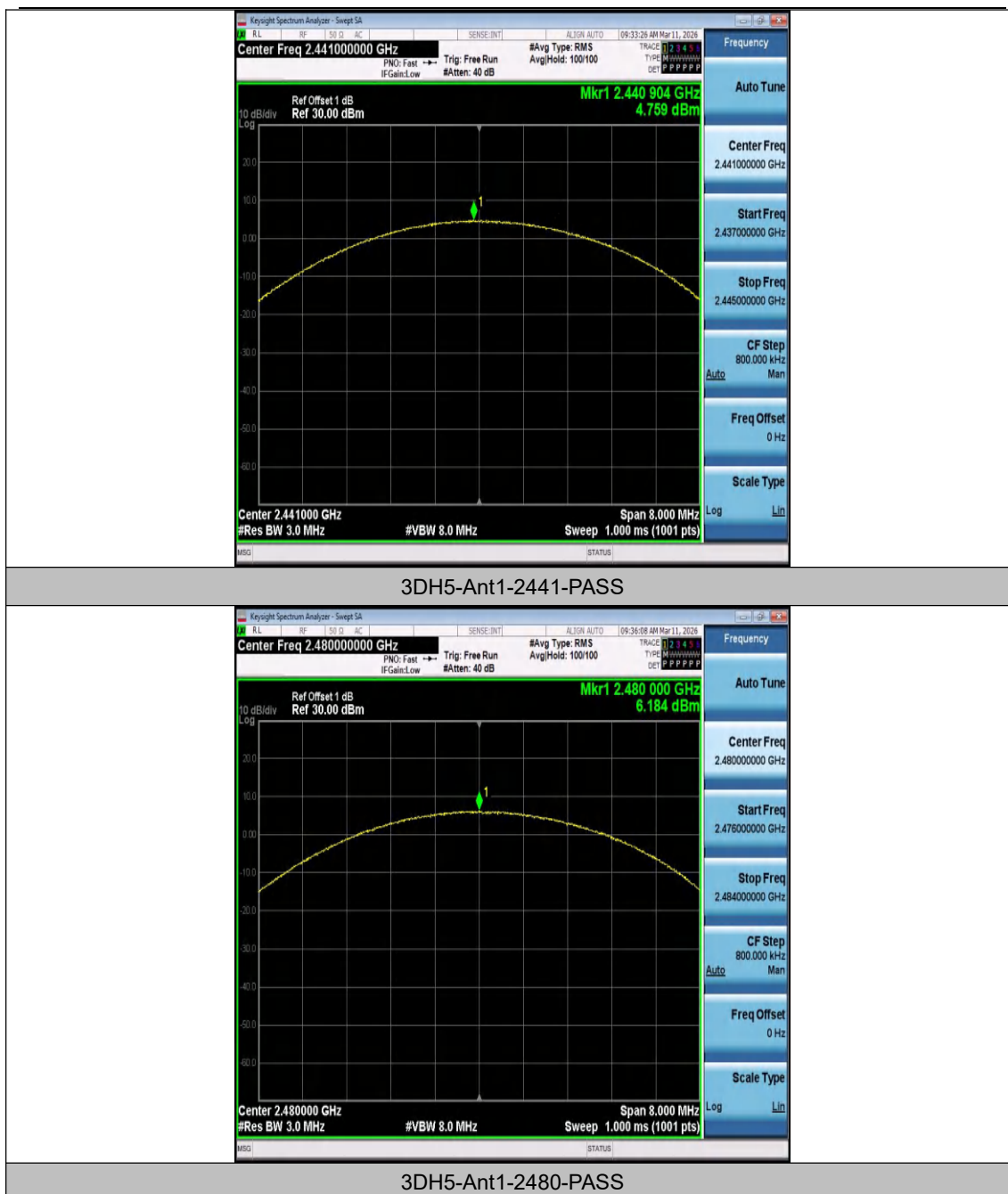
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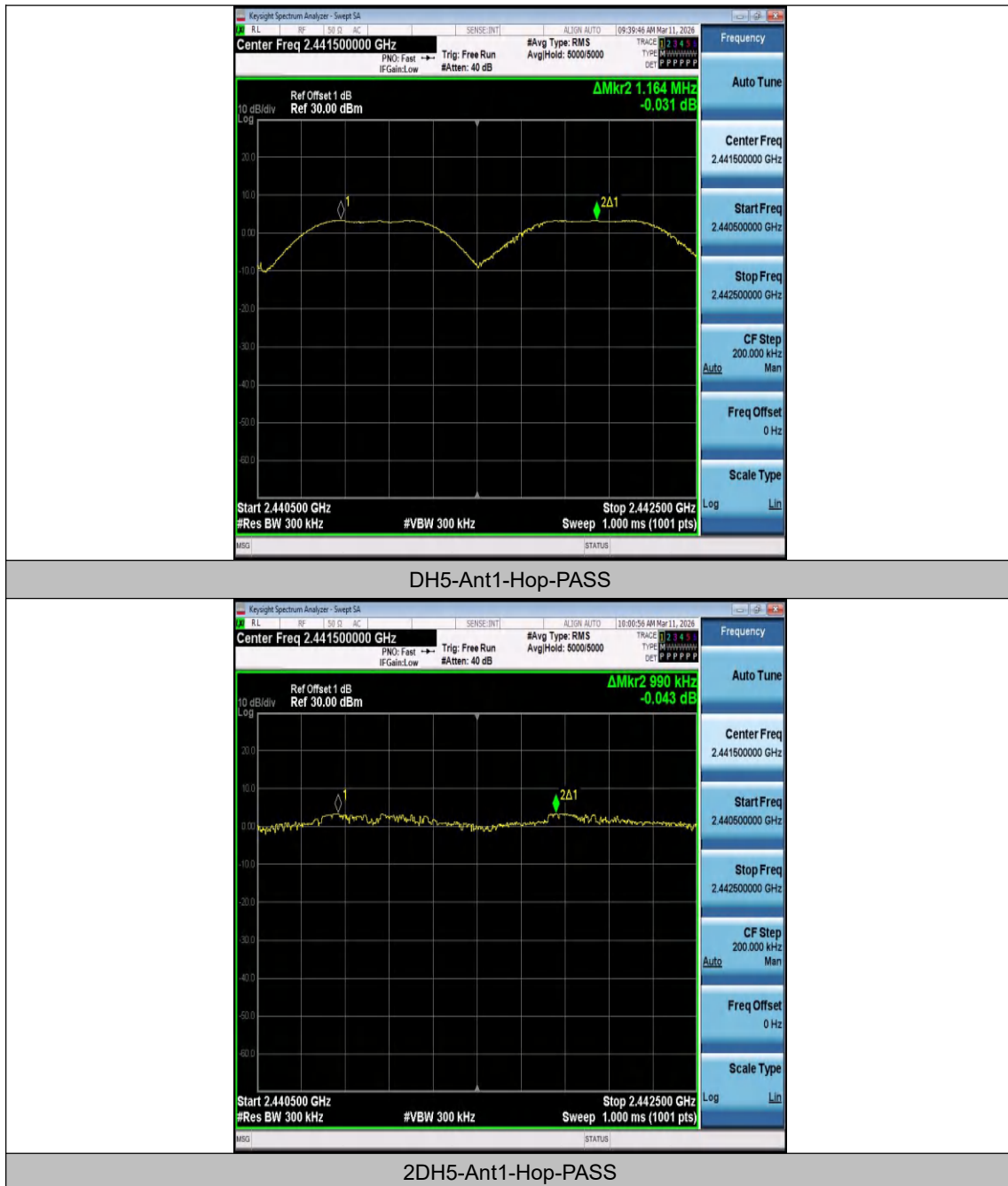
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.164	≥ 0.638	PASS
2DH5	Ant1	Hop	0.99	≥ 0.880	PASS
3DH5	Ant1	Hop	1.032	≥ 0.870	PASS

Note: For conducted power less than 0.125 W(20.97 dBm), the limit can be set using hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

Test Graphs



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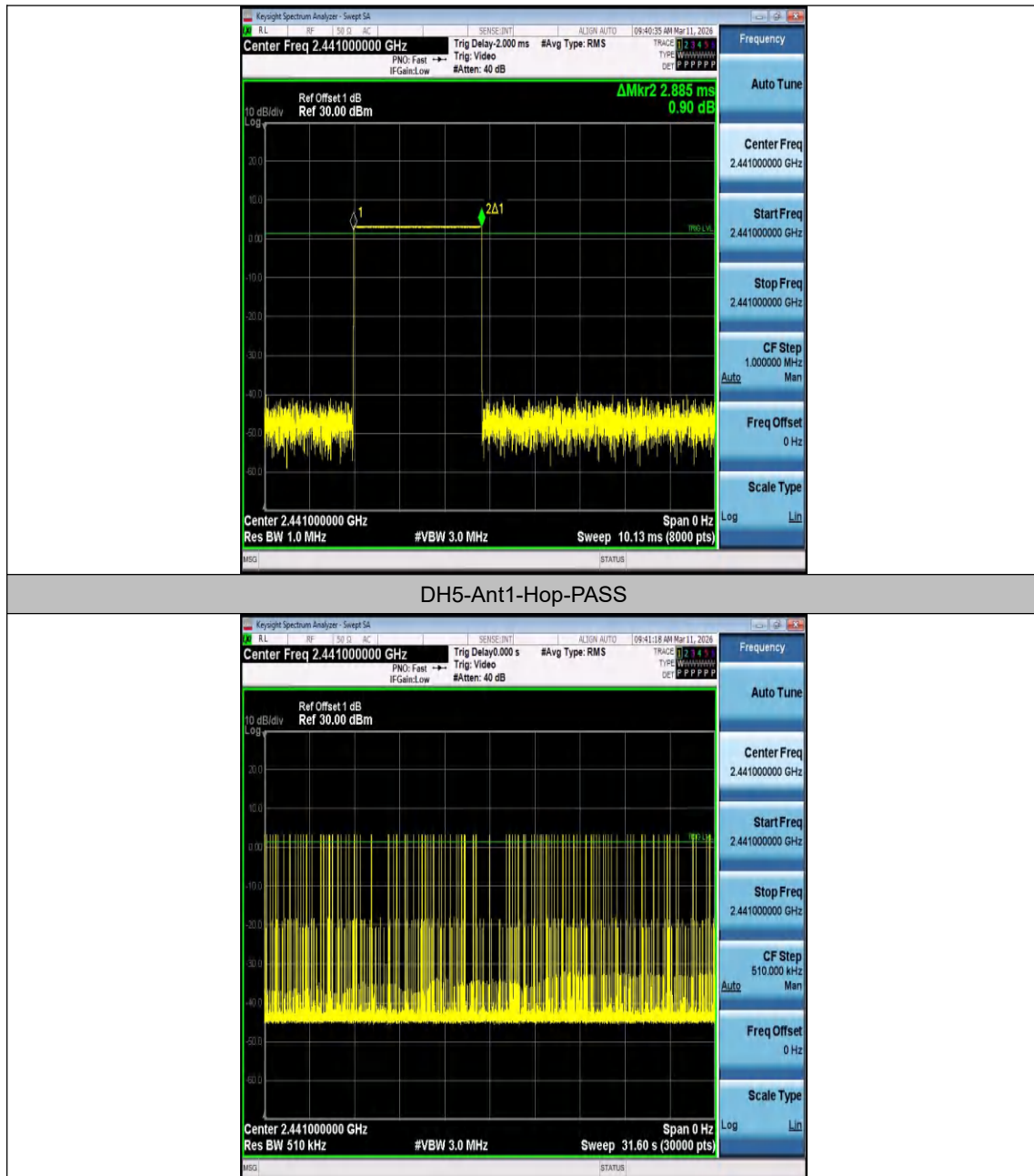
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	126	0.364	≤0.4	PASS
2DH5	Ant1	Hop	2.892	102	0.295	≤0.4	PASS
3DH5	Ant1	Hop	2.896	88	0.255	≤0.4	PASS

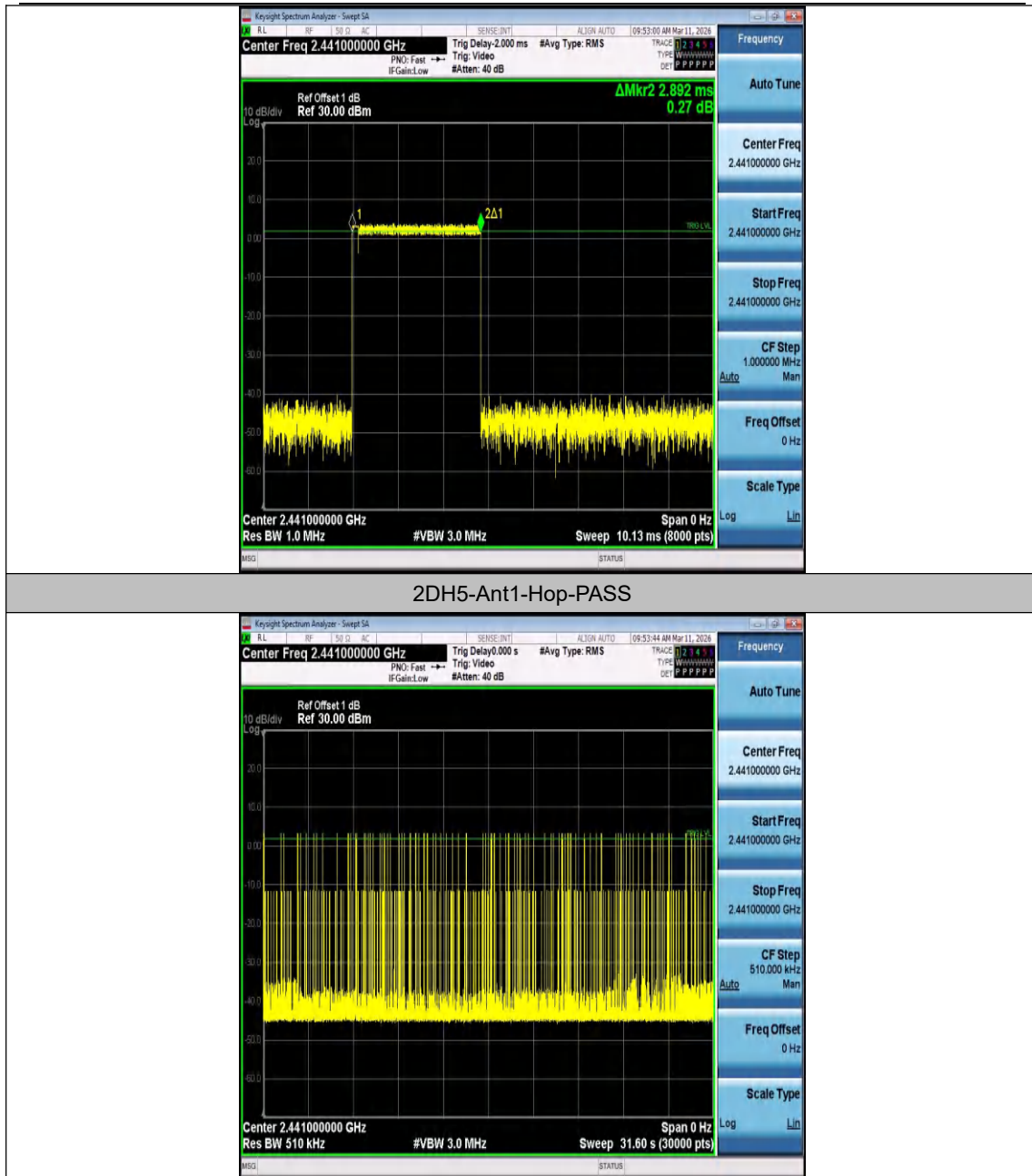
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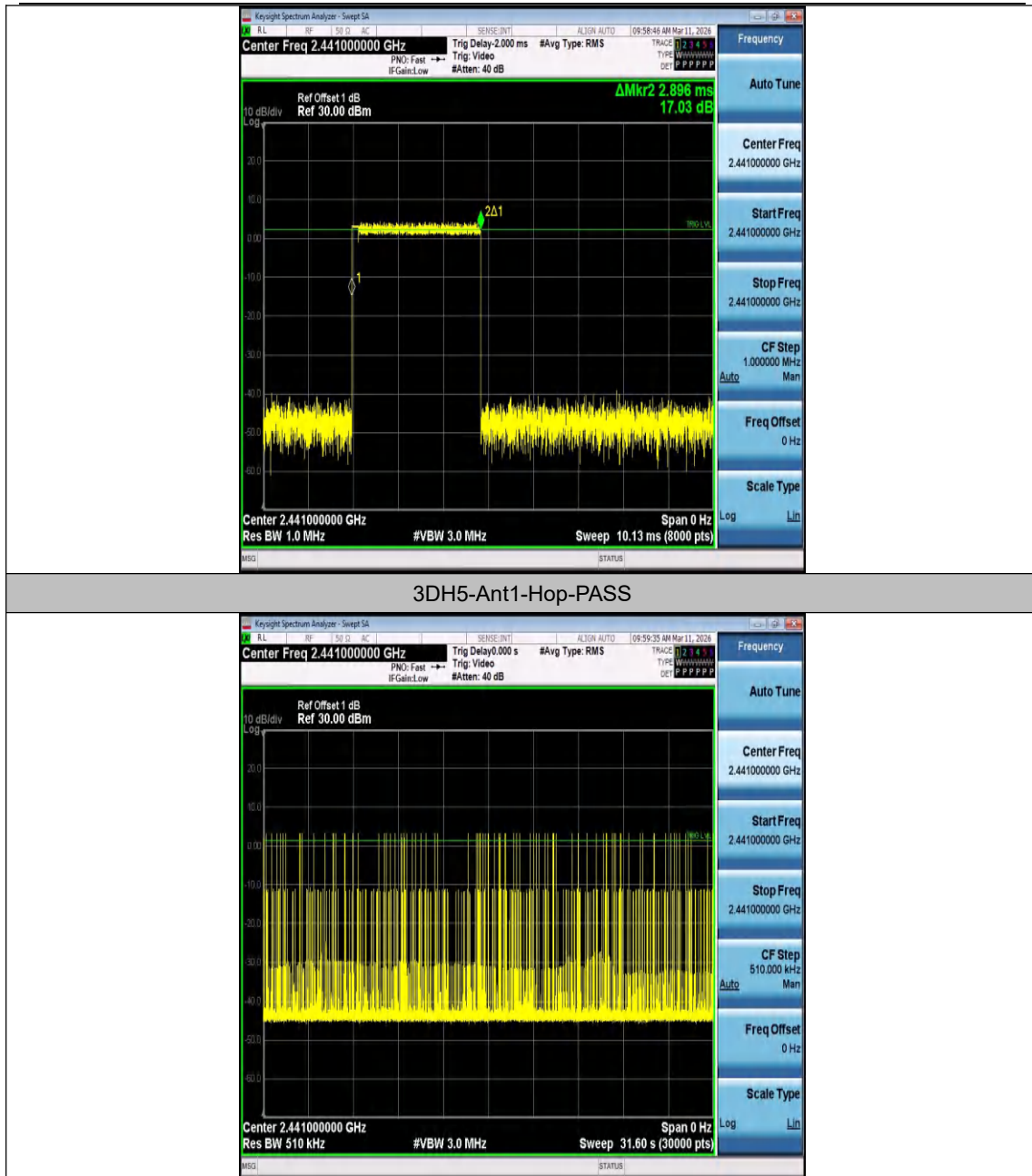
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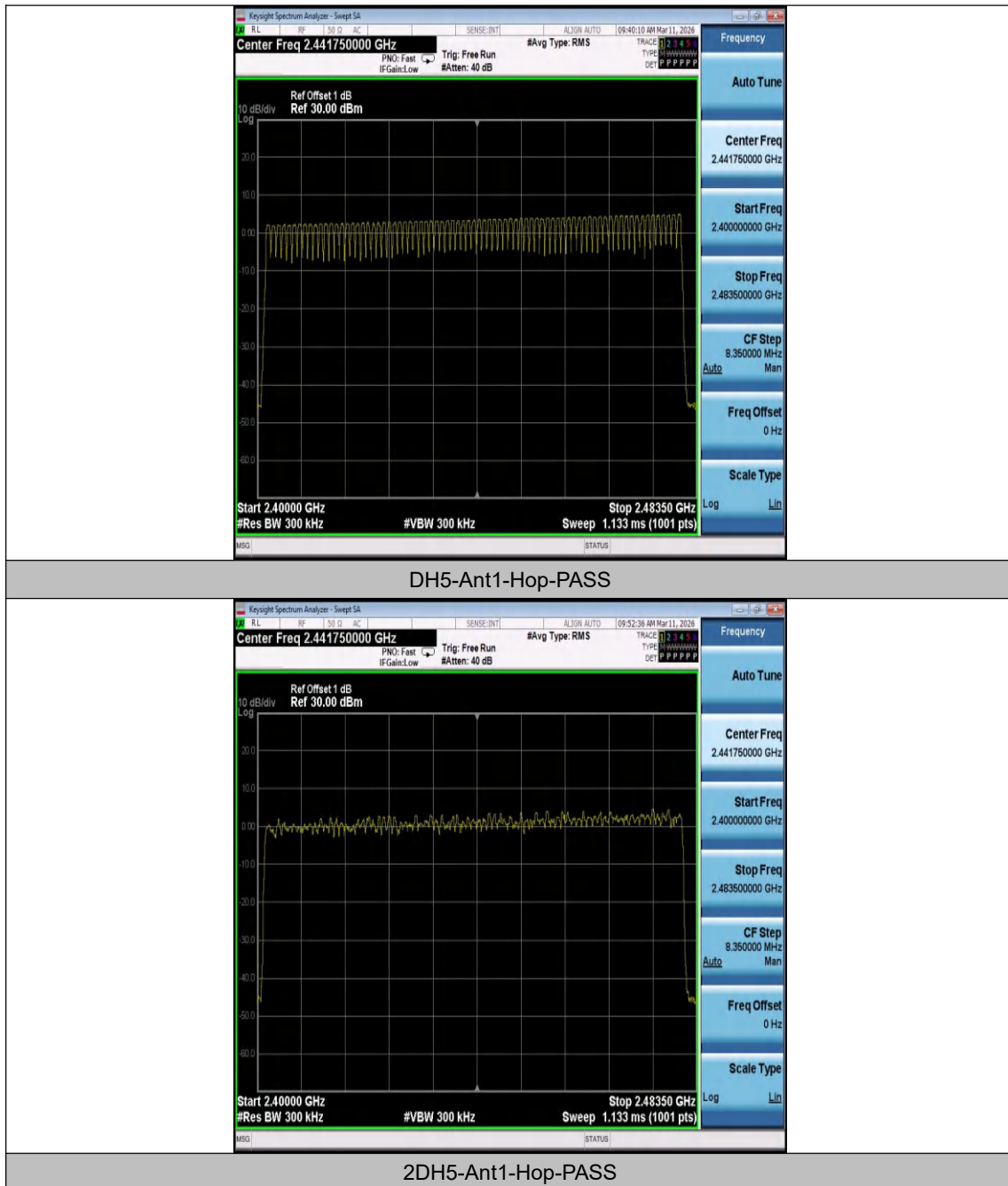
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Appendix F: Number of Hopping Channel

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

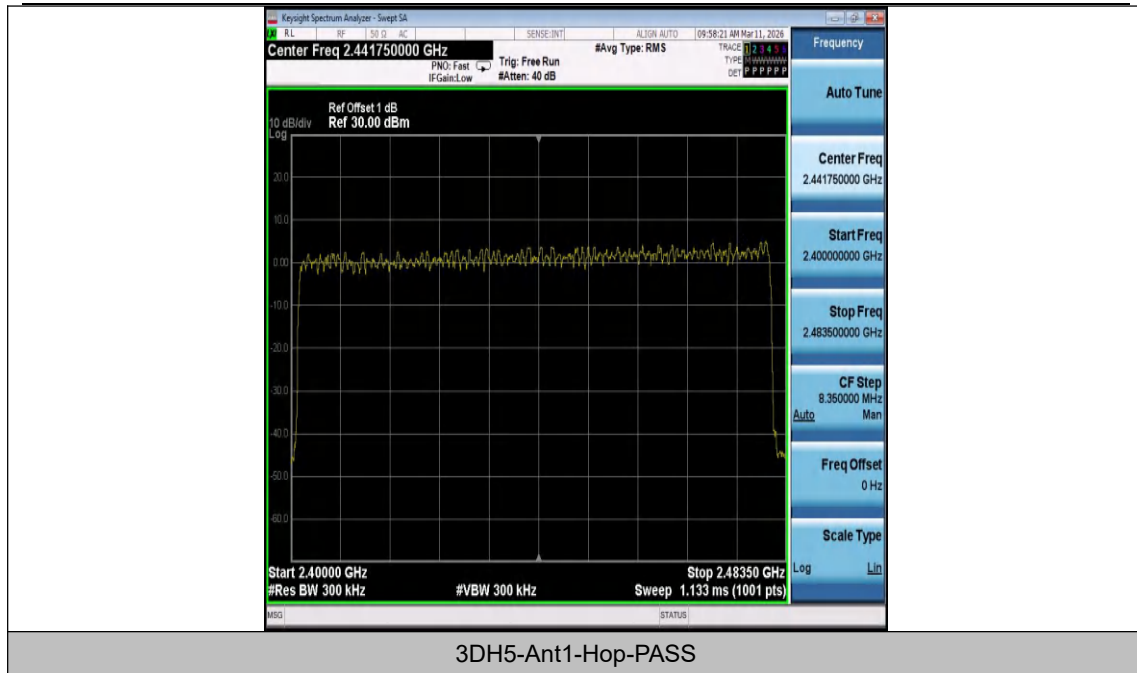
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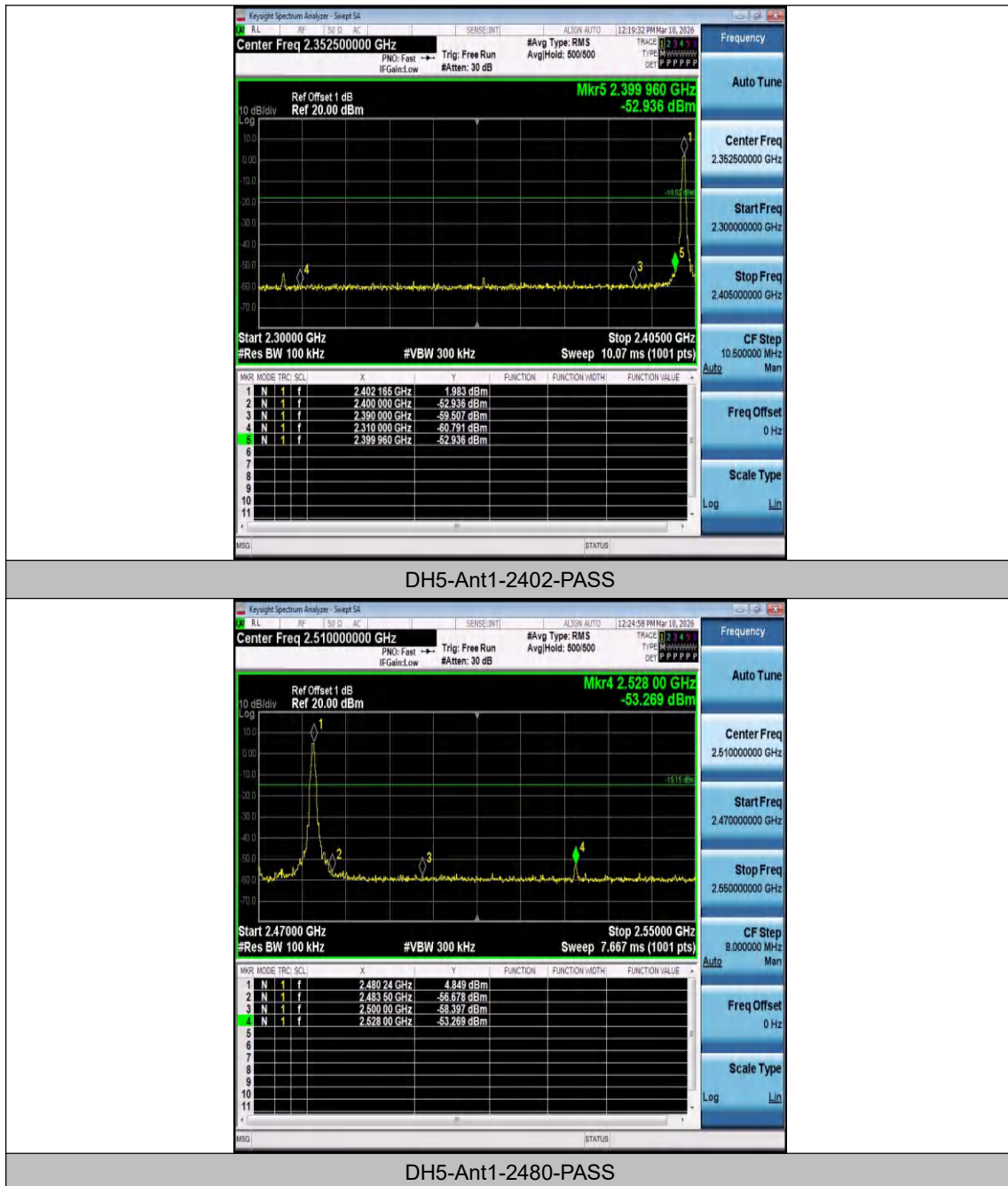
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.98	-52.94	≤-18.02	PASS
DH5	Ant1	High	2480	4.85	-53.27	≤-15.15	PASS
DH5	Ant1	Low	Hop_2402	1.36	-55.22	≤-18.64	PASS
DH5	Ant1	High	Hop_2480	4.37	-51.04	≤-15.63	PASS
2DH5	Ant1	Low	2402	2.01	-50.82	≤-17.99	PASS
2DH5	Ant1	High	2480	4.58	-44.97	≤-15.42	PASS
2DH5	Ant1	Low	Hop_2402	1.89	-56.02	≤-18.11	PASS
2DH5	Ant1	High	Hop_2480	4.67	-52.24	≤-15.33	PASS
3DH5	Ant1	Low	2402	1.72	-51.52	≤-18.28	PASS
3DH5	Ant1	High	2480	4.60	-42.67	≤-15.4	PASS
3DH5	Ant1	Low	Hop_2402	-1.82	-55.27	≤-21.82	PASS
3DH5	Ant1	High	Hop_2480	4.76	-51.87	≤-15.24	PASS

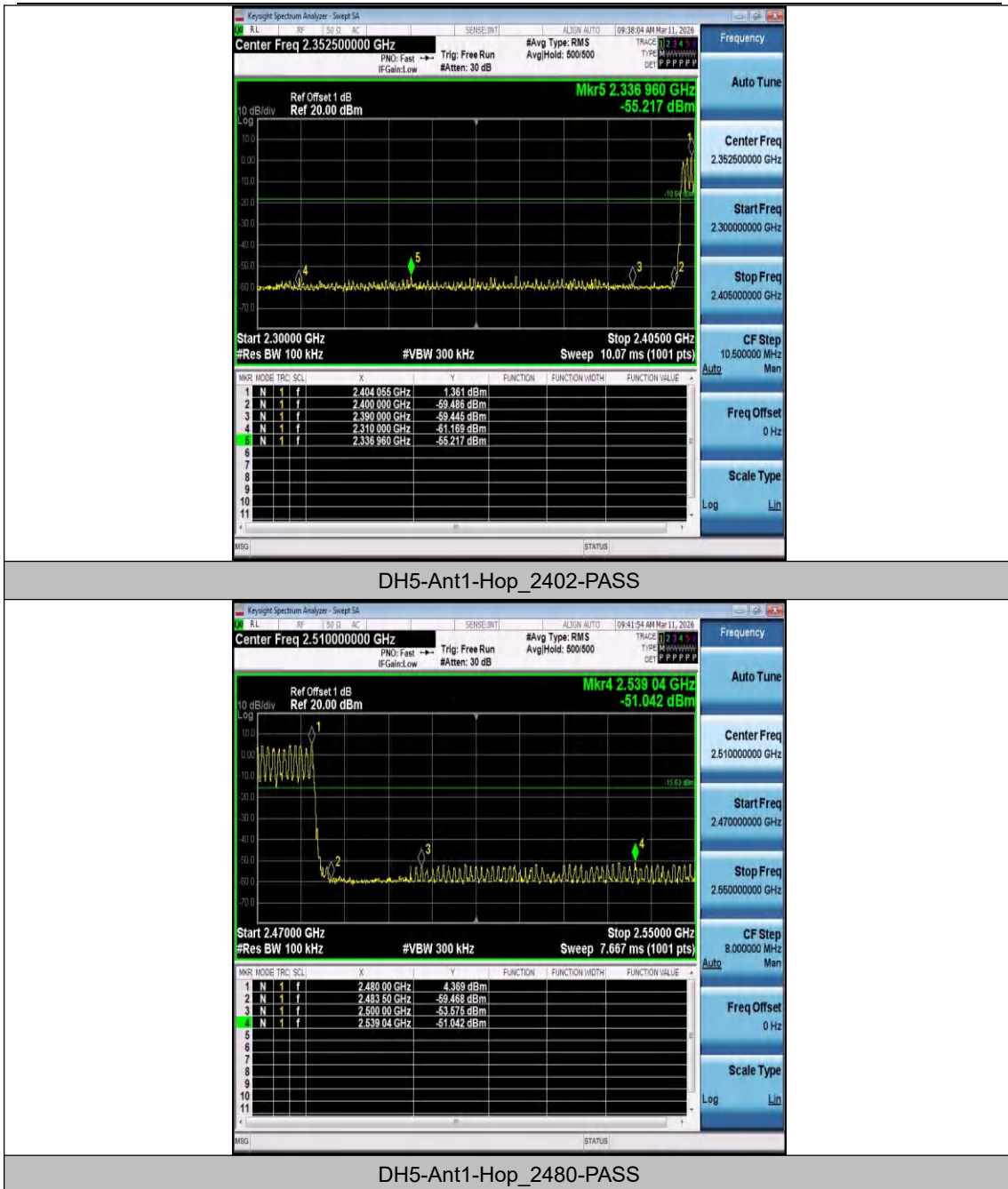
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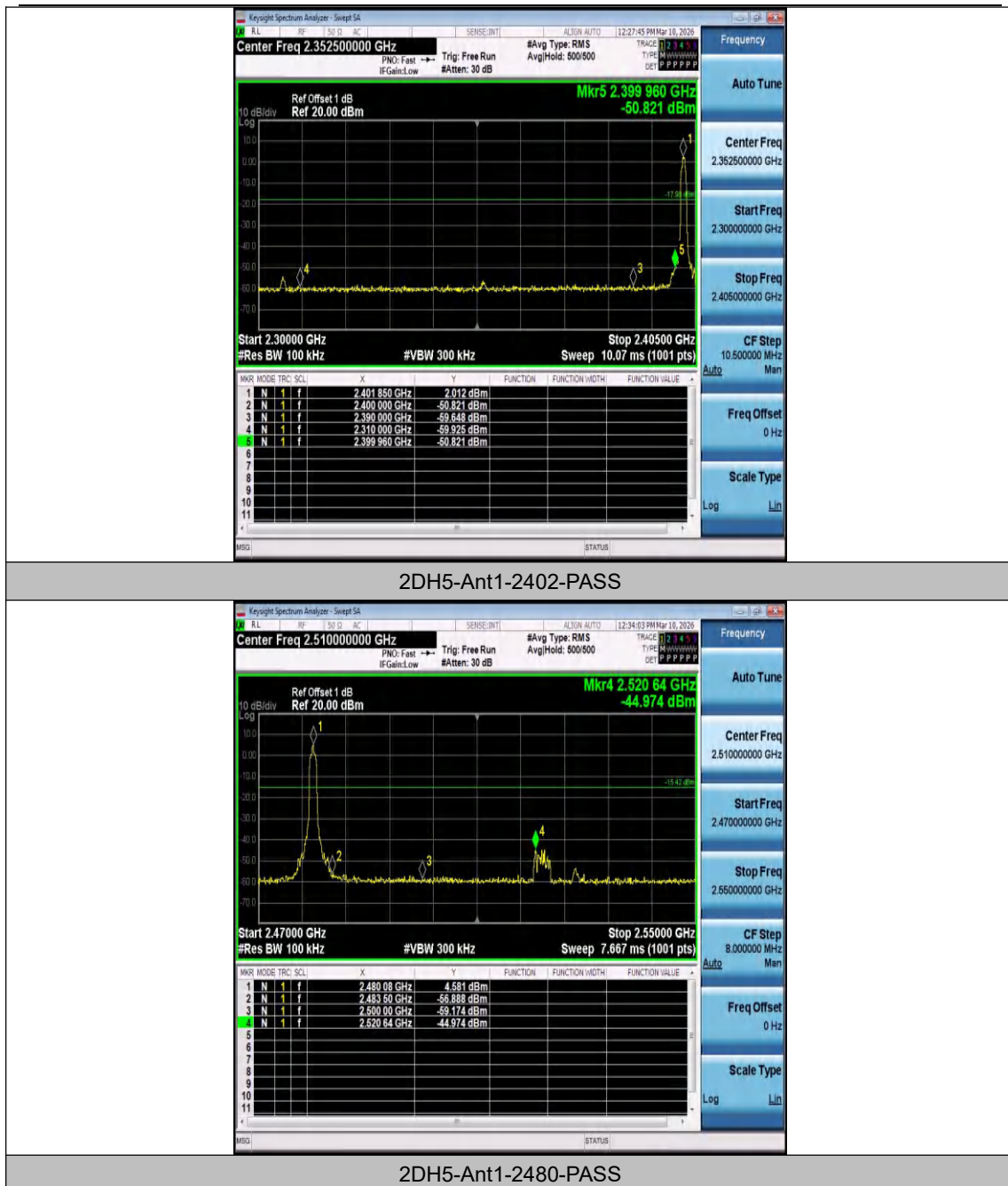
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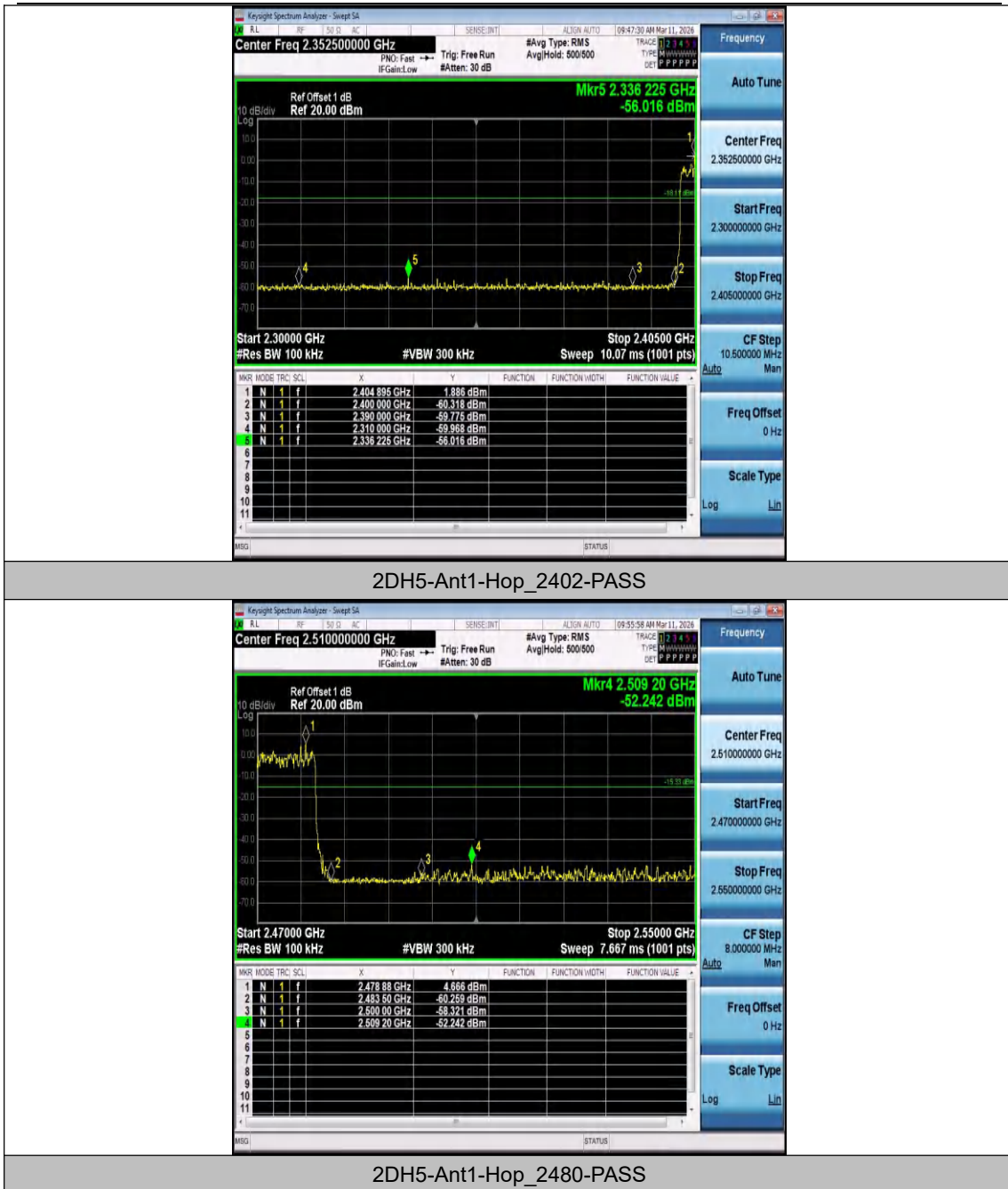
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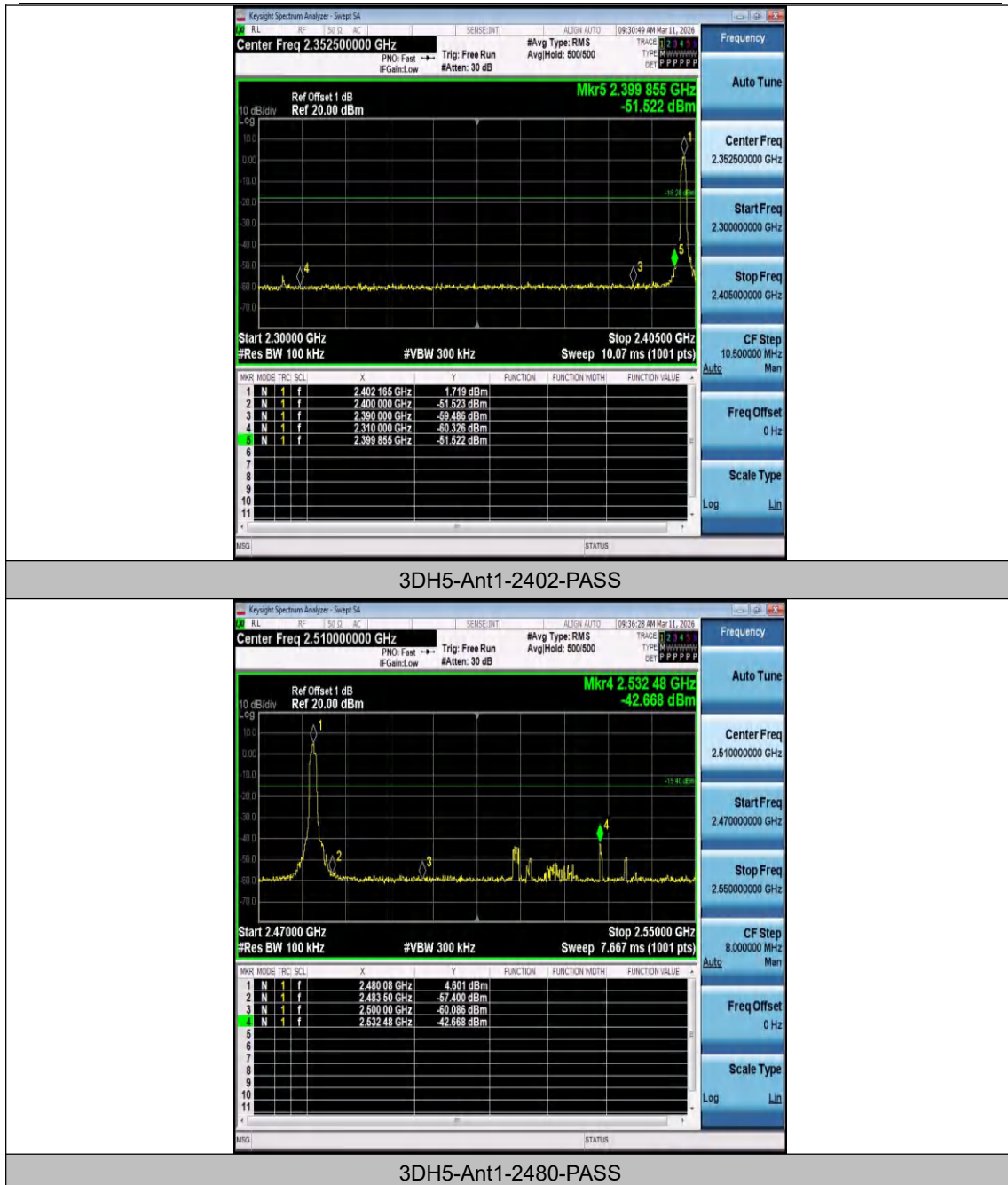
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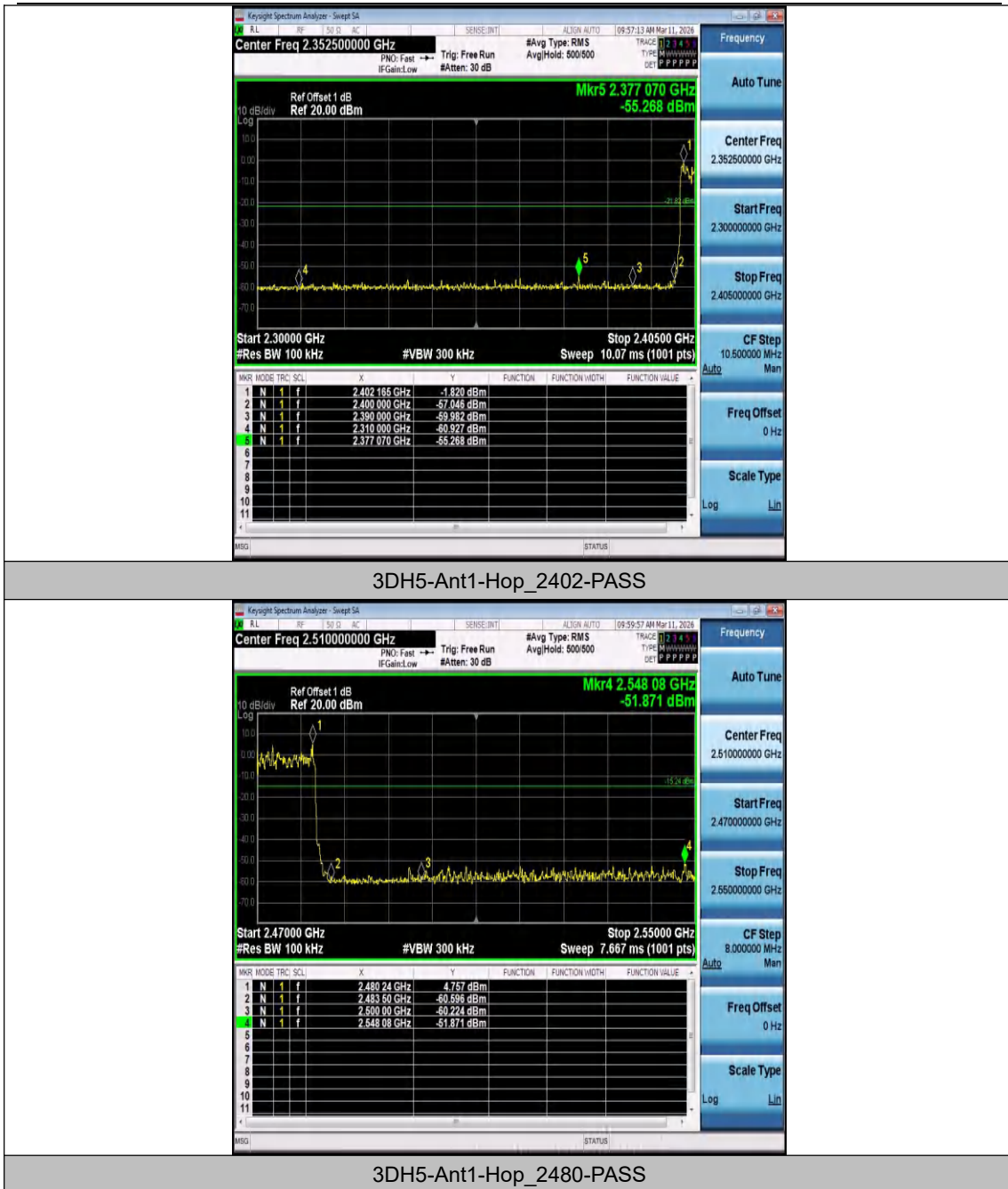
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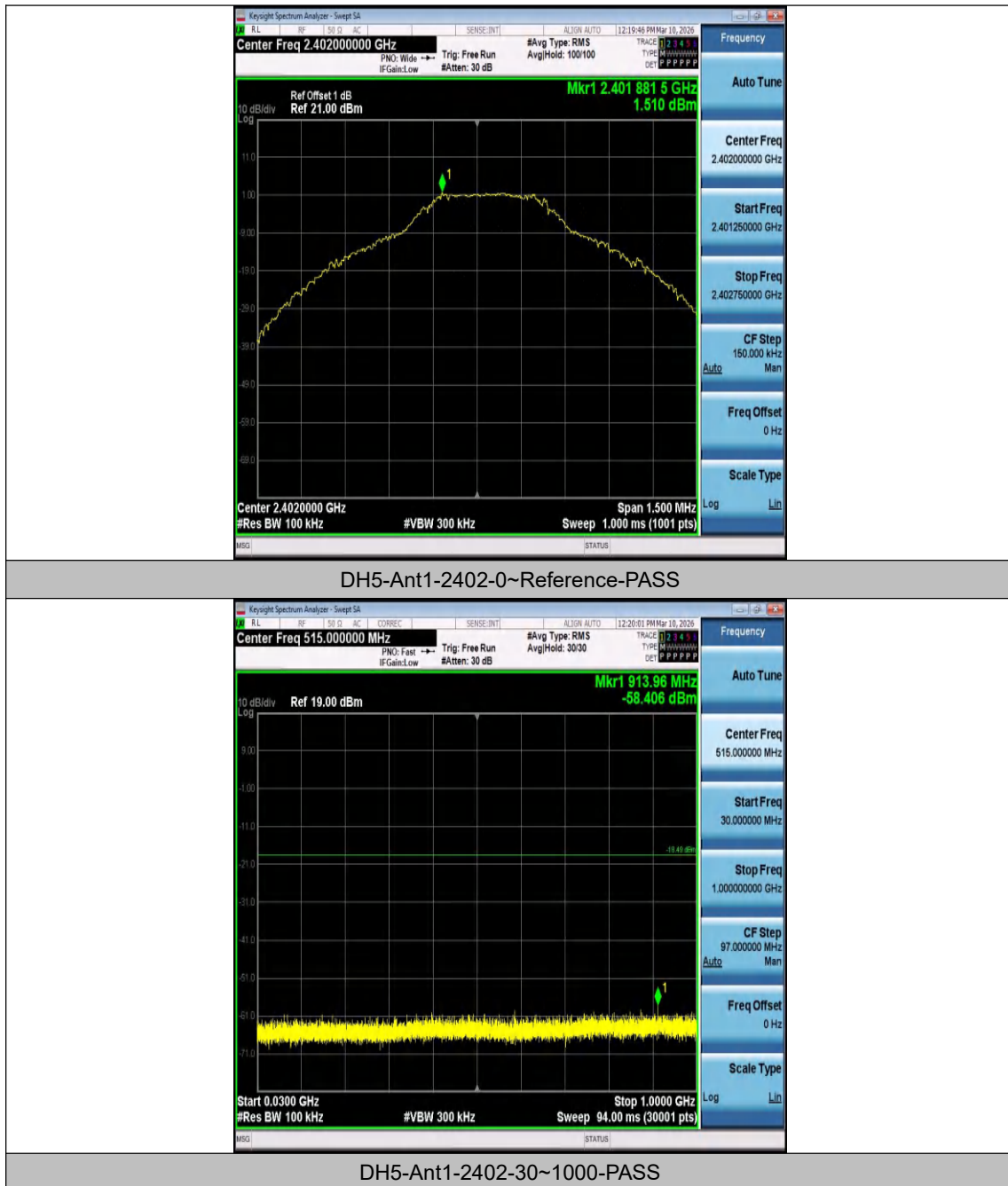
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.51	1.51	---	PASS
DH5	Ant1	2402	30~1000	1.51	-58.41	≤-18.49	PASS
DH5	Ant1	2402	1000~26500	1.51	-48.62	≤-18.49	PASS
DH5	Ant1	2441	0~Reference	3.33	3.33	---	PASS
DH5	Ant1	2441	30~1000	3.33	-59.44	≤-16.67	PASS
DH5	Ant1	2441	1000~26500	3.33	-48.92	≤-16.67	PASS
DH5	Ant1	2480	0~Reference	4.55	4.55	---	PASS
DH5	Ant1	2480	30~1000	4.55	-59.24	≤-15.45	PASS
DH5	Ant1	2480	1000~26500	4.55	-48.7	≤-15.45	PASS
2DH5	Ant1	2402	0~Reference	1.95	1.95	---	PASS
2DH5	Ant1	2402	30~1000	1.95	-45.51	≤-18.05	PASS
2DH5	Ant1	2402	1000~26500	1.95	-48.89	≤-18.05	PASS
2DH5	Ant1	2441	0~Reference	3.26	3.26	---	PASS
2DH5	Ant1	2441	30~1000	3.26	-59.25	≤-16.74	PASS
2DH5	Ant1	2441	1000~26500	3.26	-48.69	≤-16.74	PASS
2DH5	Ant1	2480	0~Reference	4.79	4.79	---	PASS
2DH5	Ant1	2480	30~1000	4.79	-59.58	≤-15.21	PASS
2DH5	Ant1	2480	1000~26500	4.79	-48.7	≤-15.21	PASS
3DH5	Ant1	2402	0~Reference	1.80	1.80	---	PASS
3DH5	Ant1	2402	30~1000	1.80	-59.22	≤-18.2	PASS
3DH5	Ant1	2402	1000~26500	1.80	-48.62	≤-18.2	PASS
3DH5	Ant1	2441	0~Reference	3.04	3.04	---	PASS
3DH5	Ant1	2441	30~1000	3.04	-58.4	≤-16.96	PASS
3DH5	Ant1	2441	1000~26500	3.04	-48.76	≤-16.96	PASS
3DH5	Ant1	2480	0~Reference	4.69	4.69	---	PASS
3DH5	Ant1	2480	30~1000	4.69	-58.83	≤-15.31	PASS
3DH5	Ant1	2480	1000~26500	4.69	-48.23	≤-15.31	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.

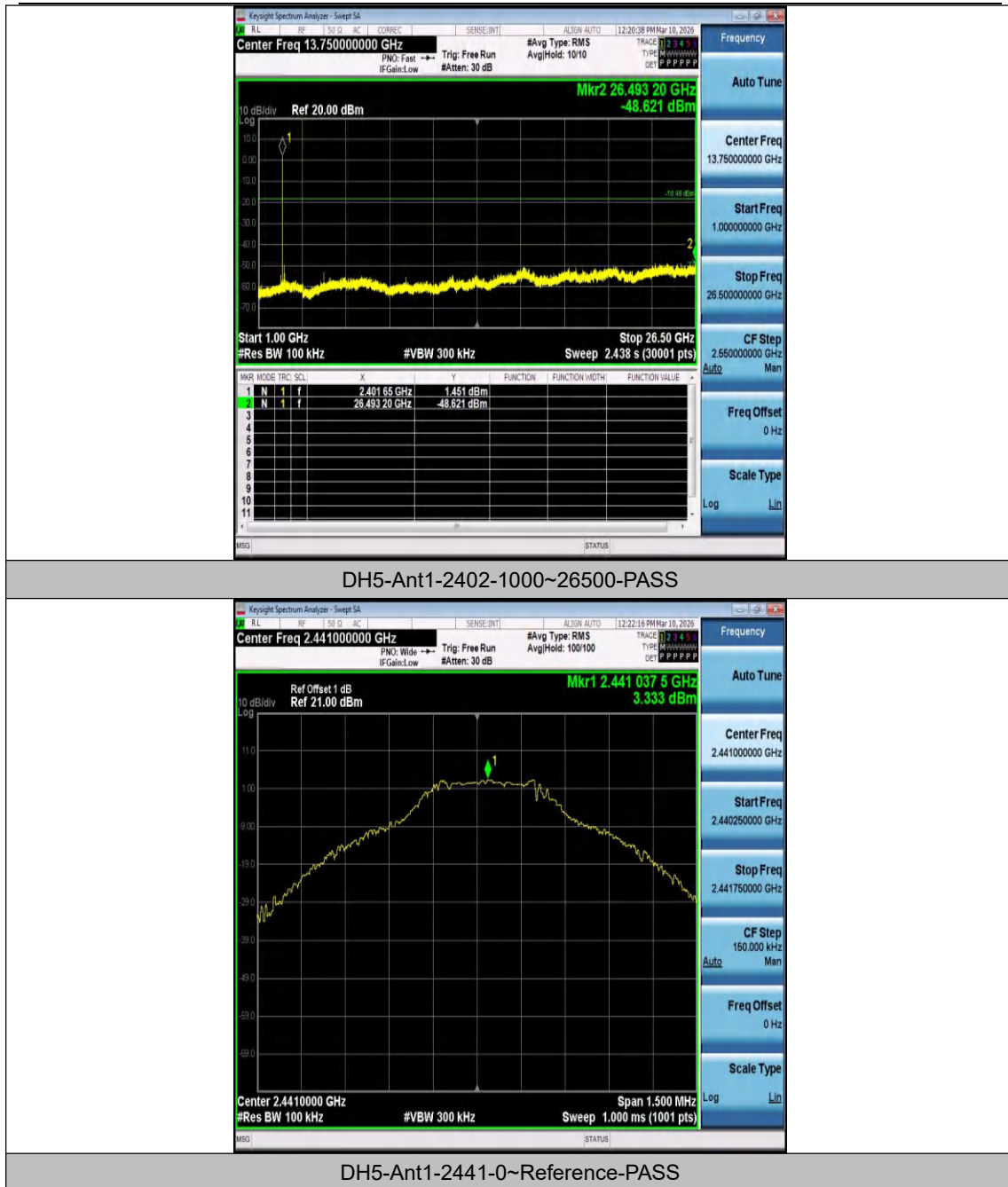
Test Graphs



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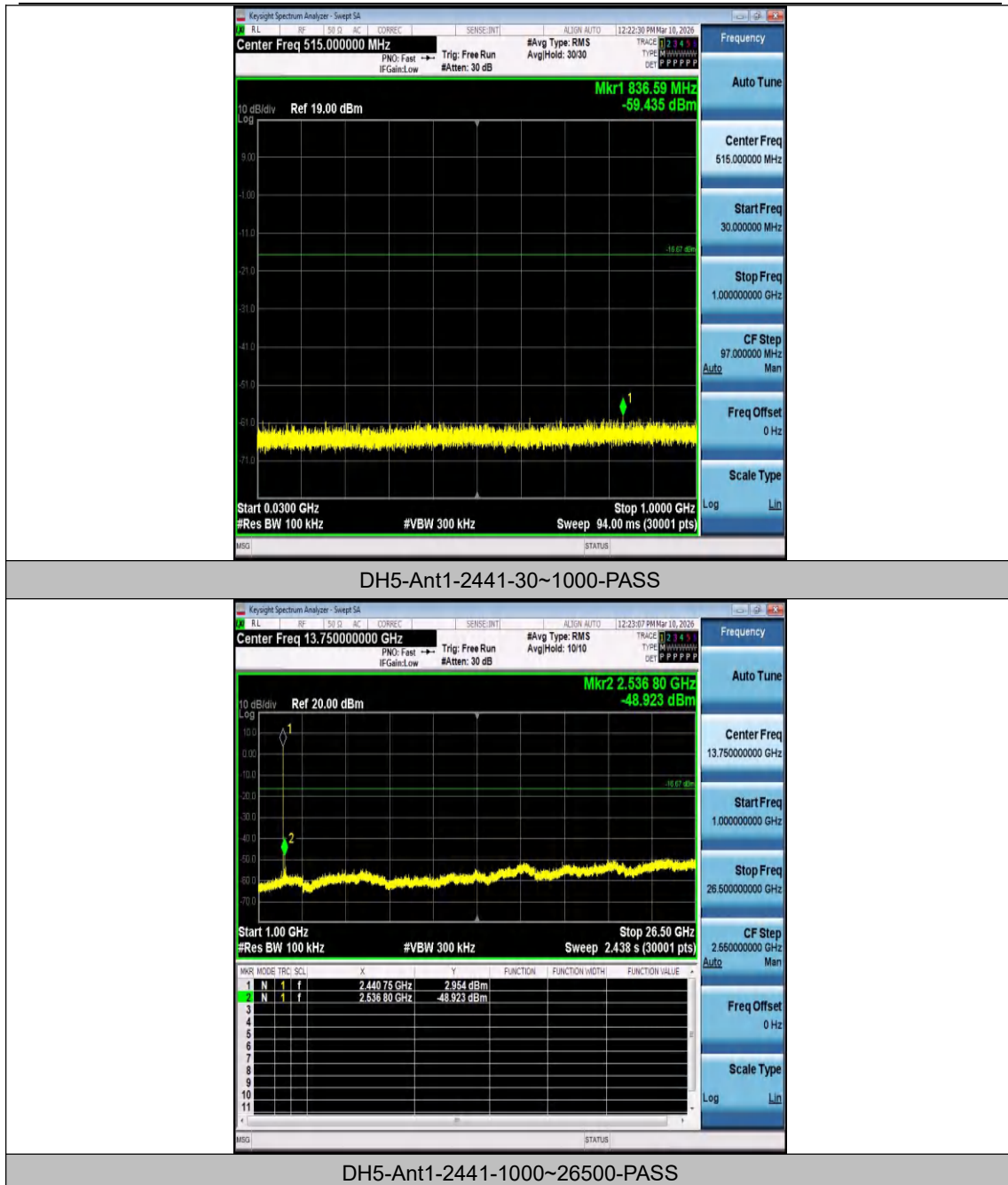
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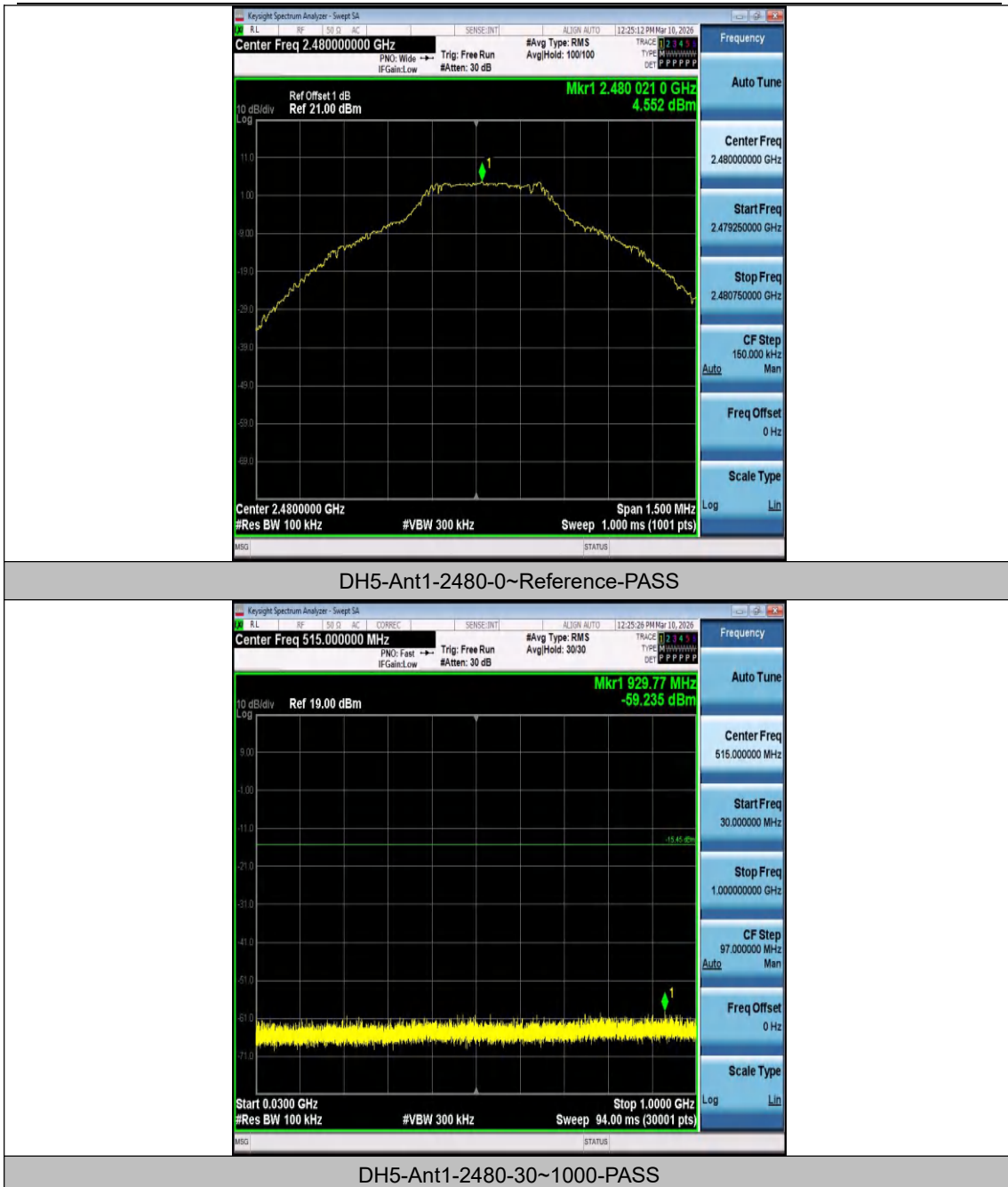
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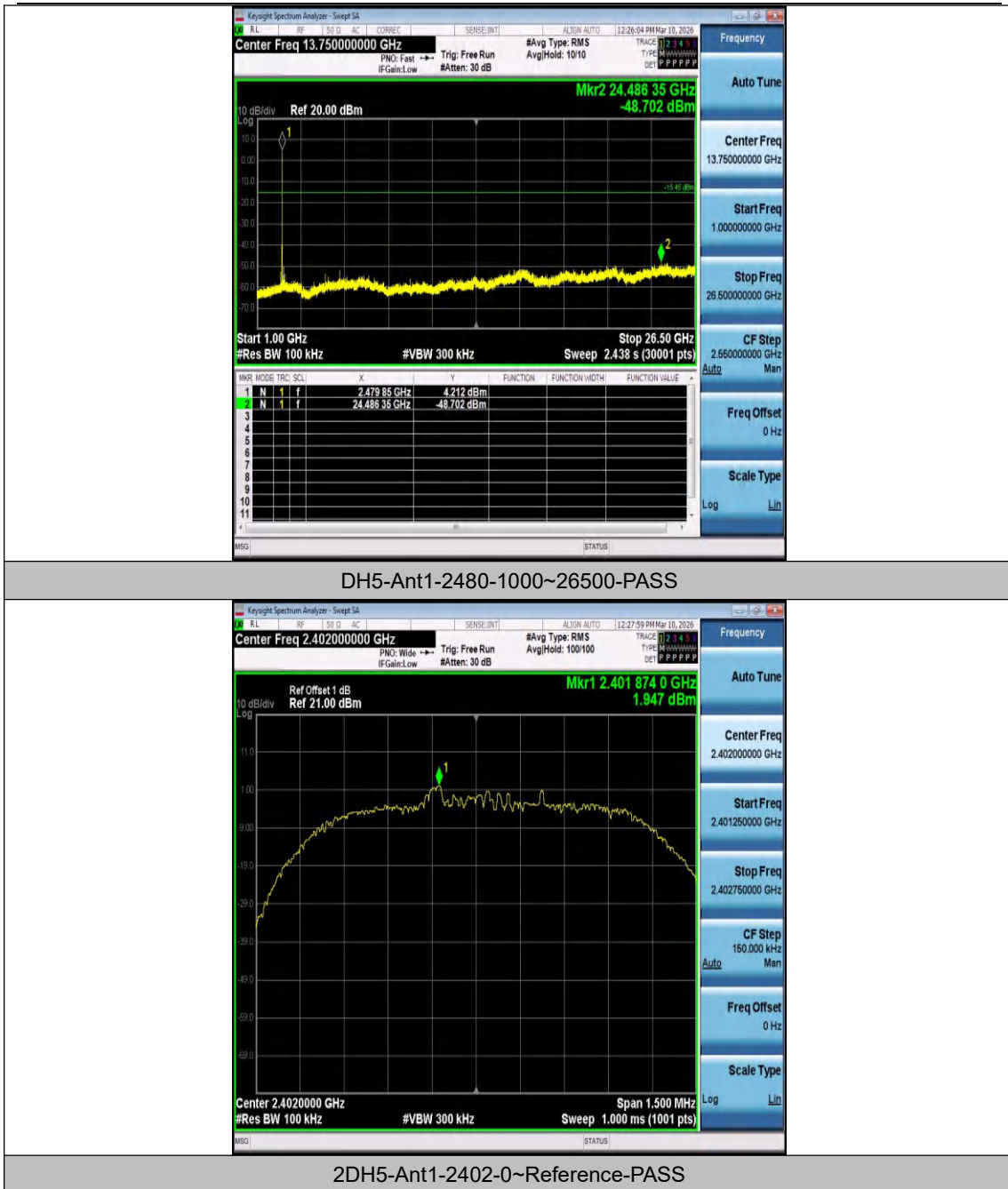
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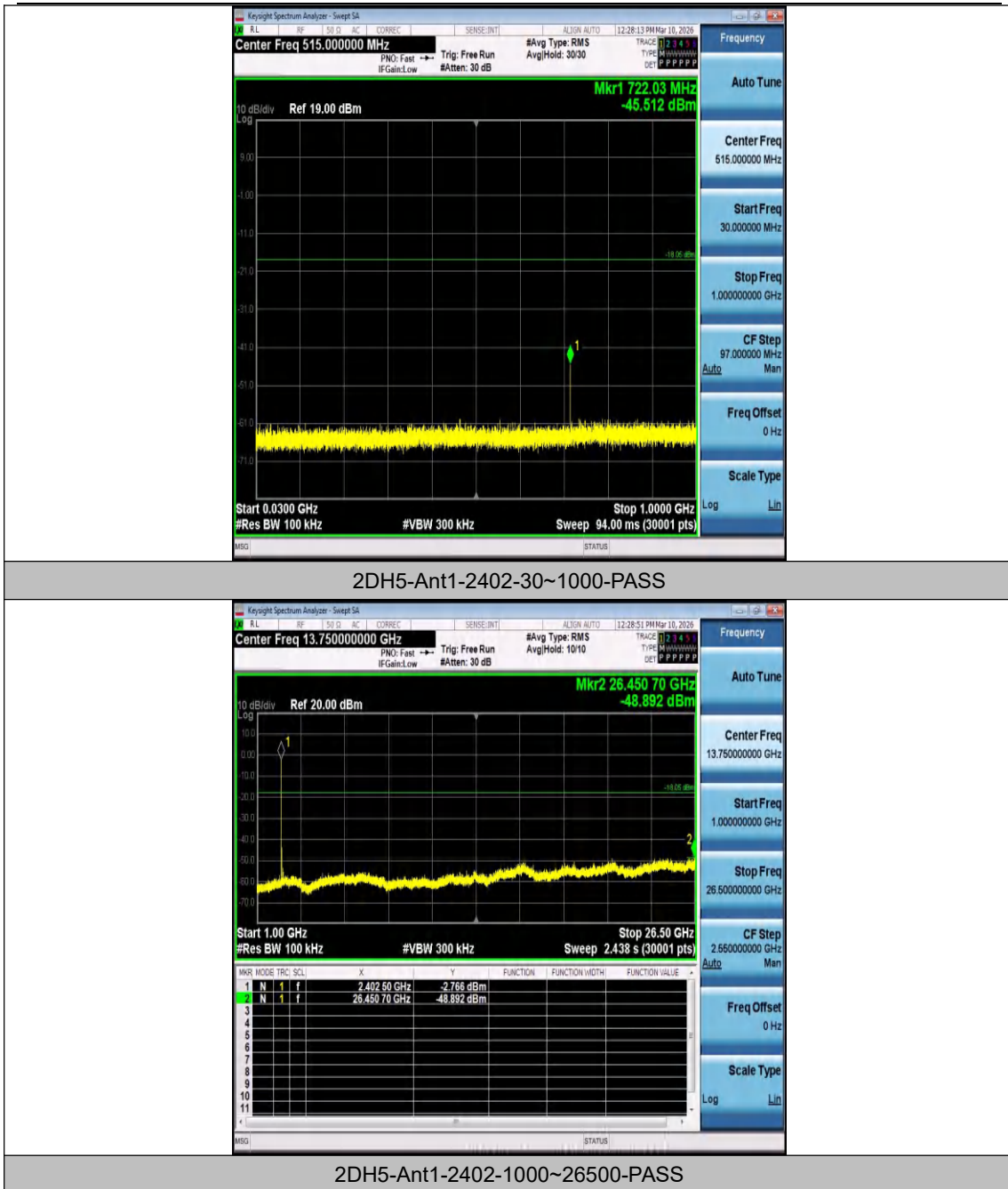
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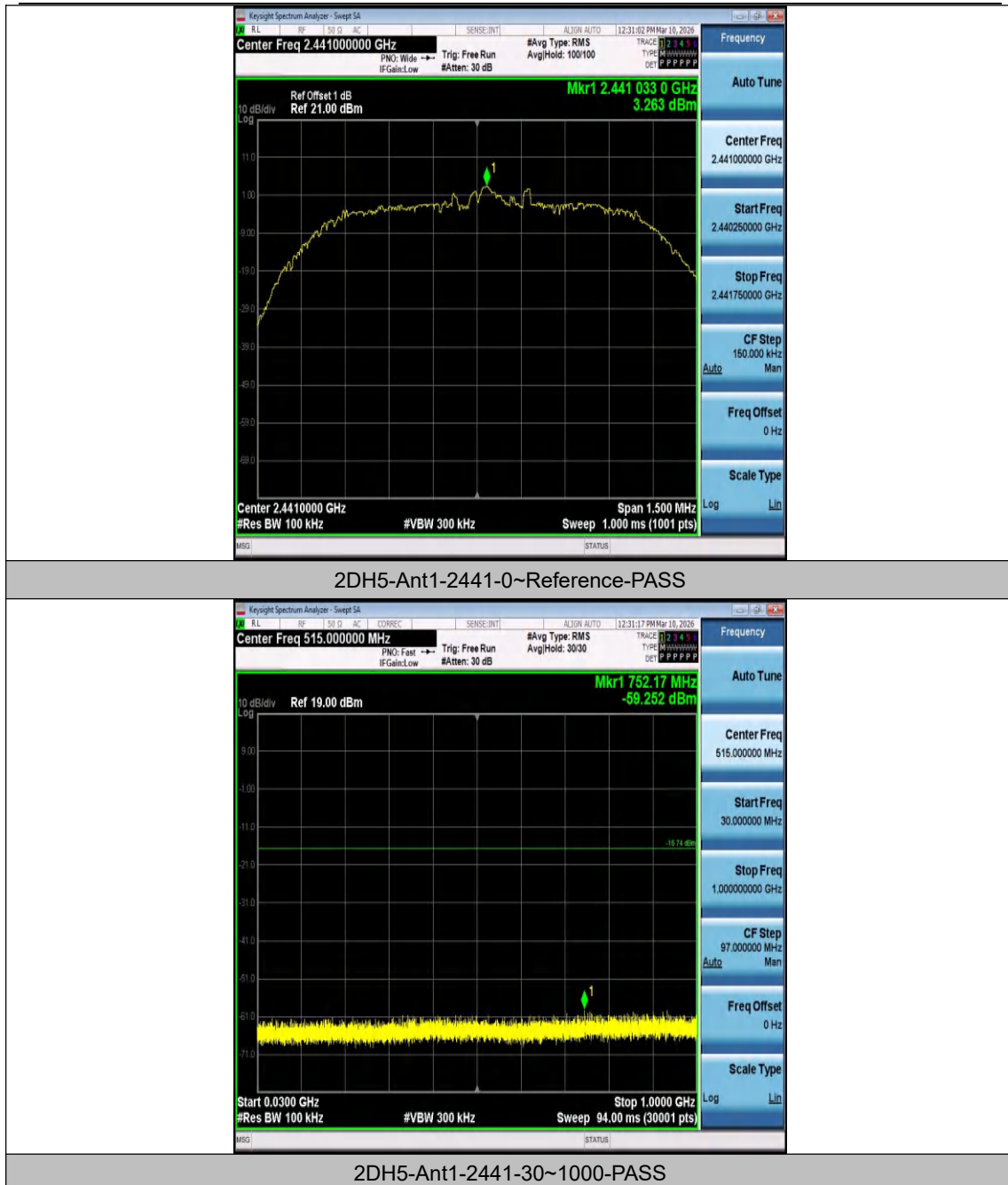
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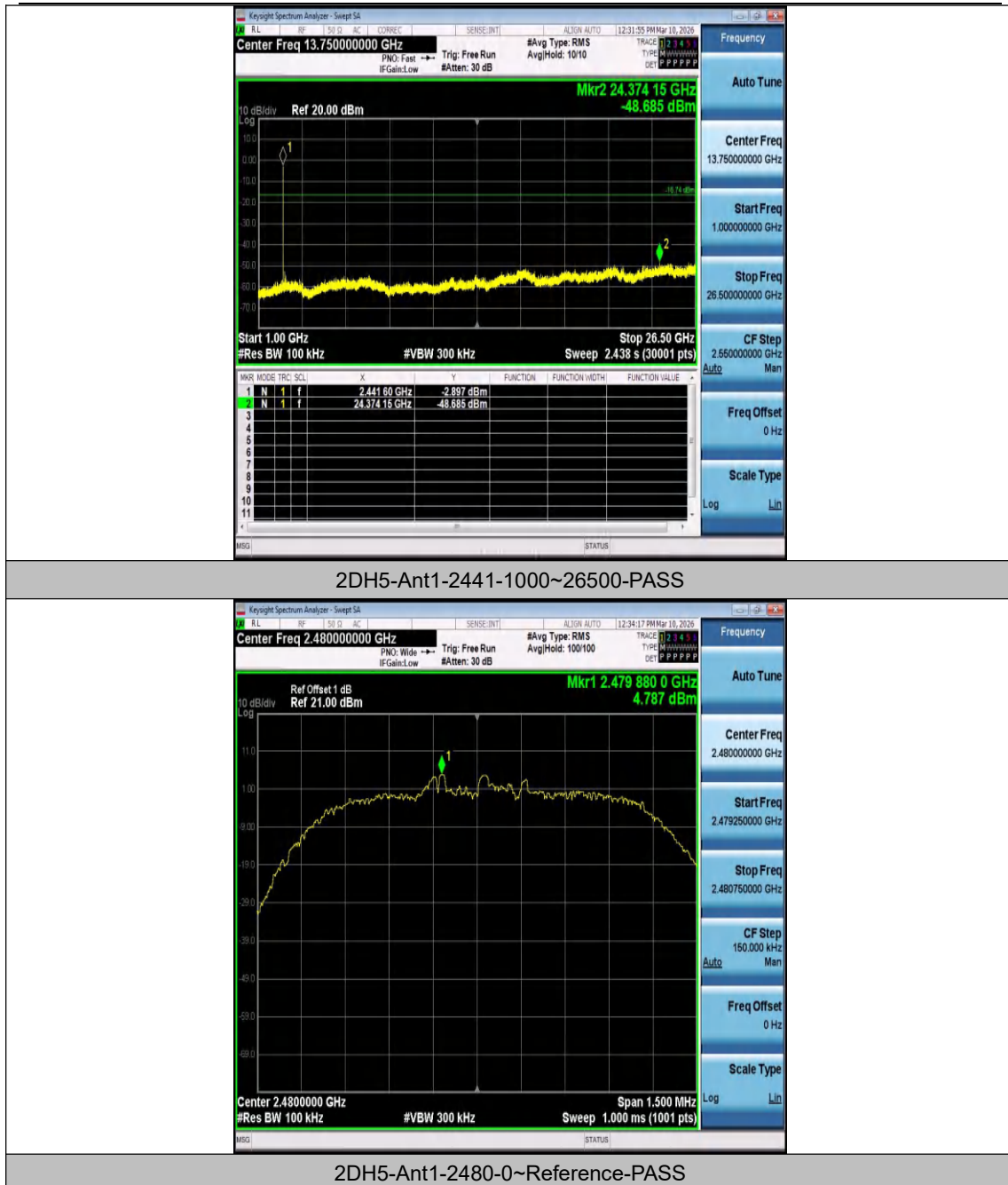
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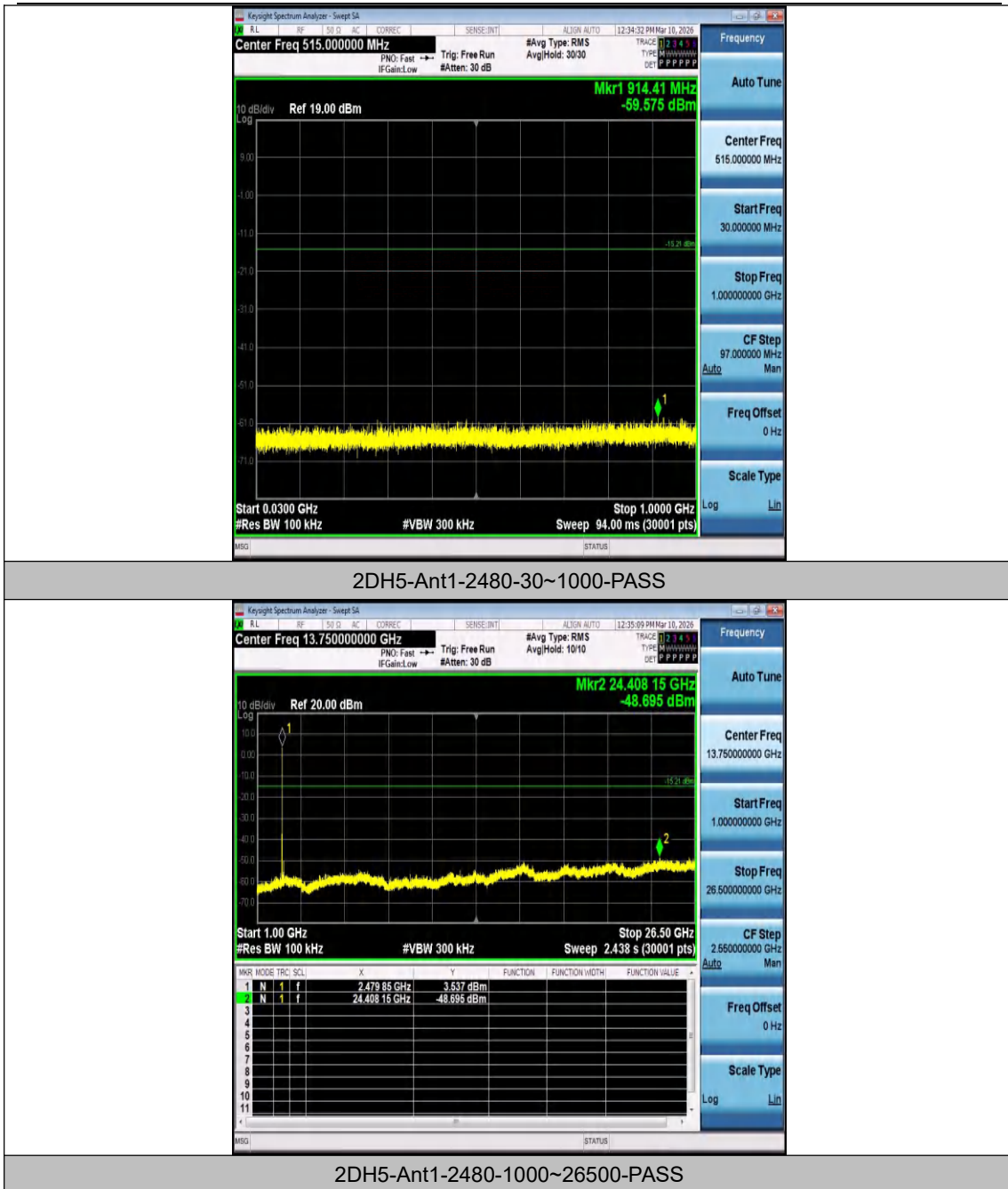
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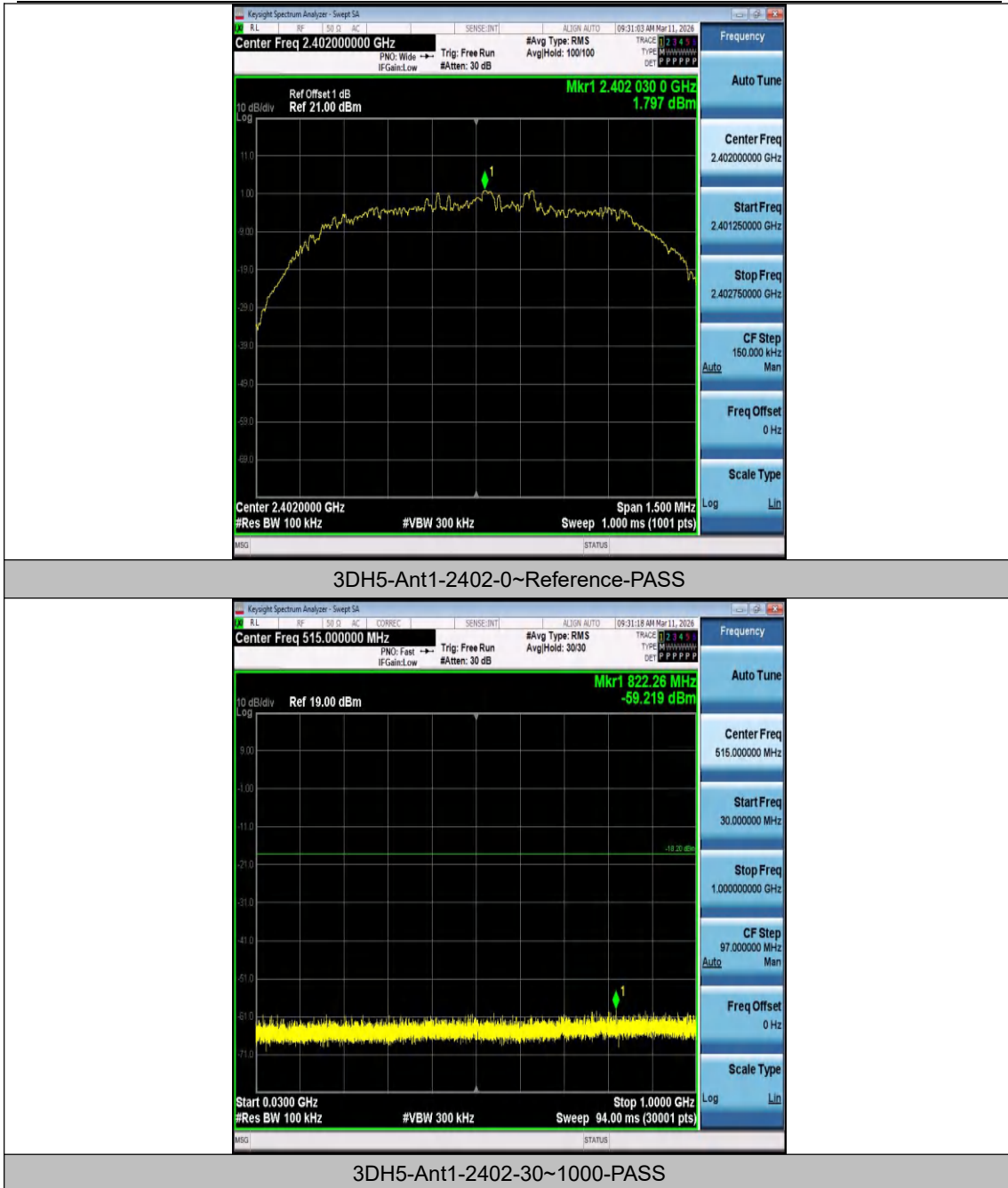
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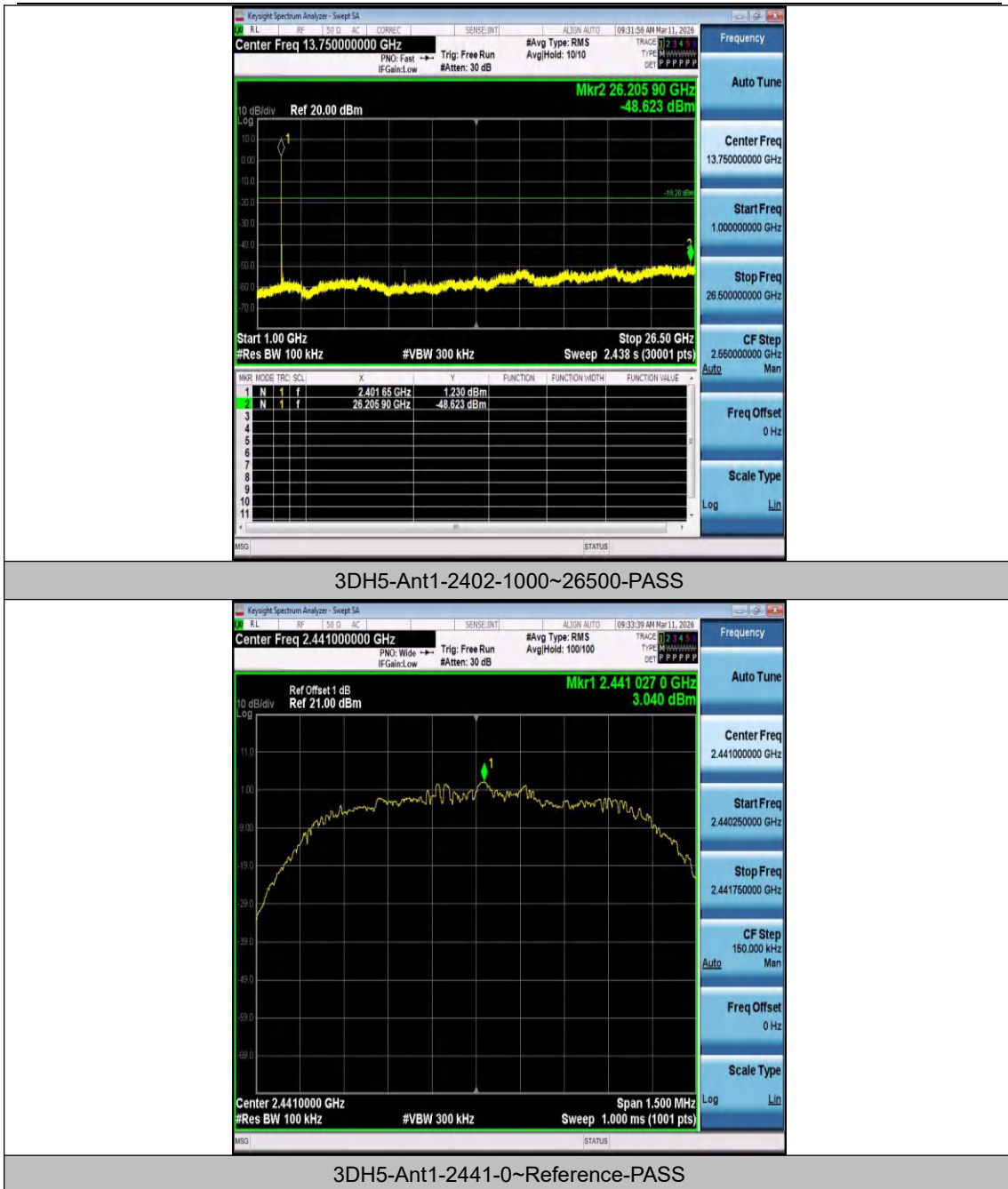
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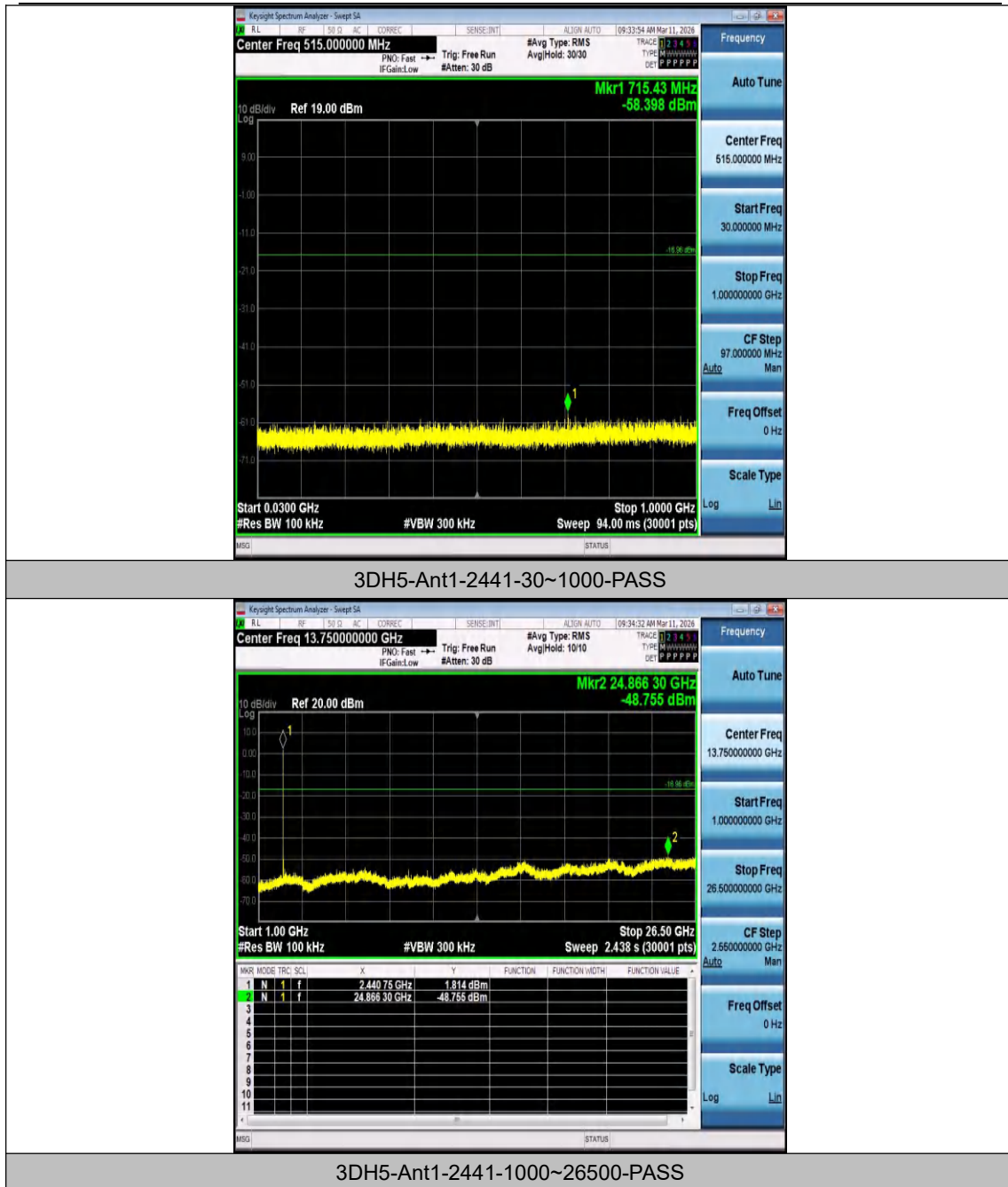
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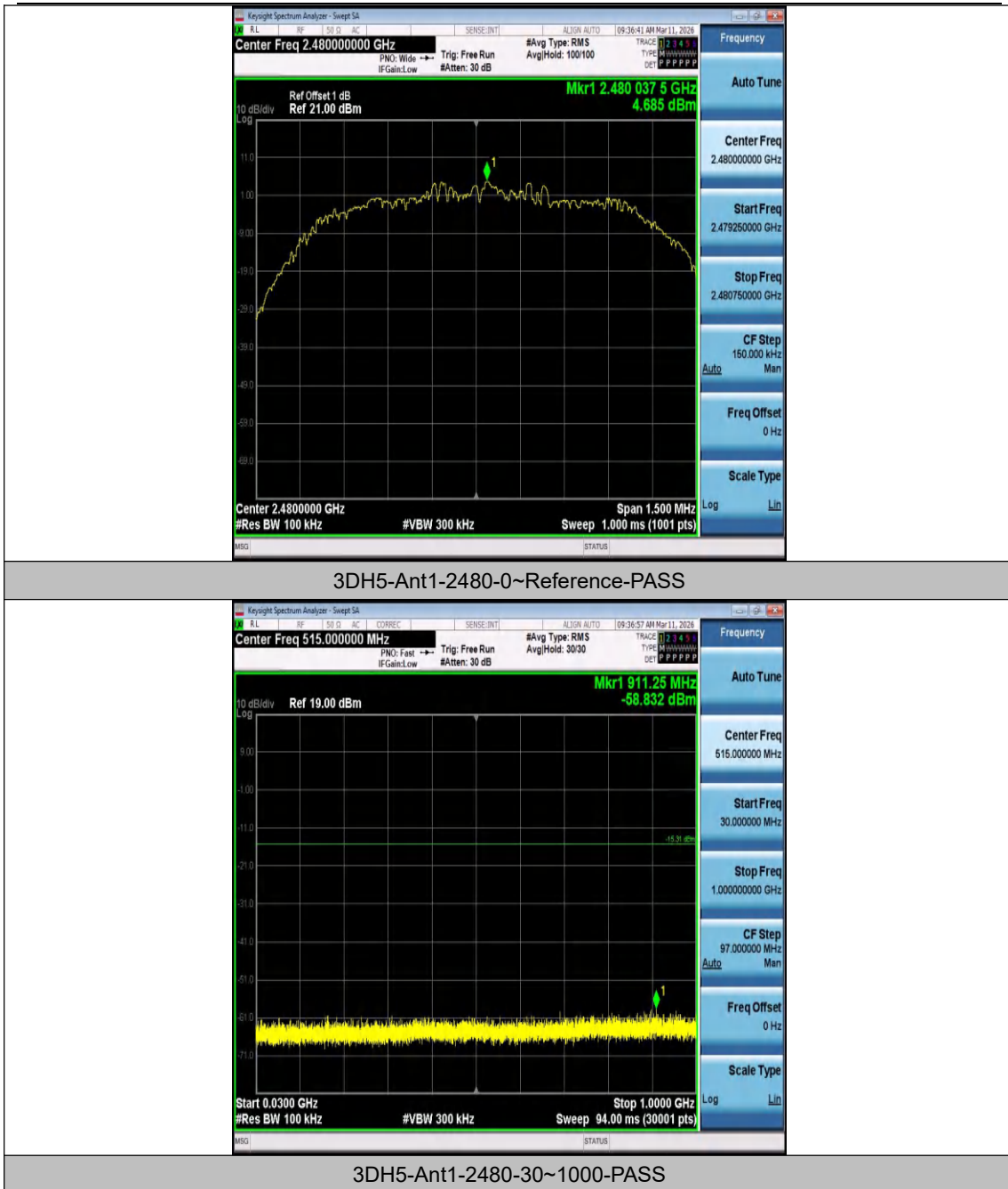
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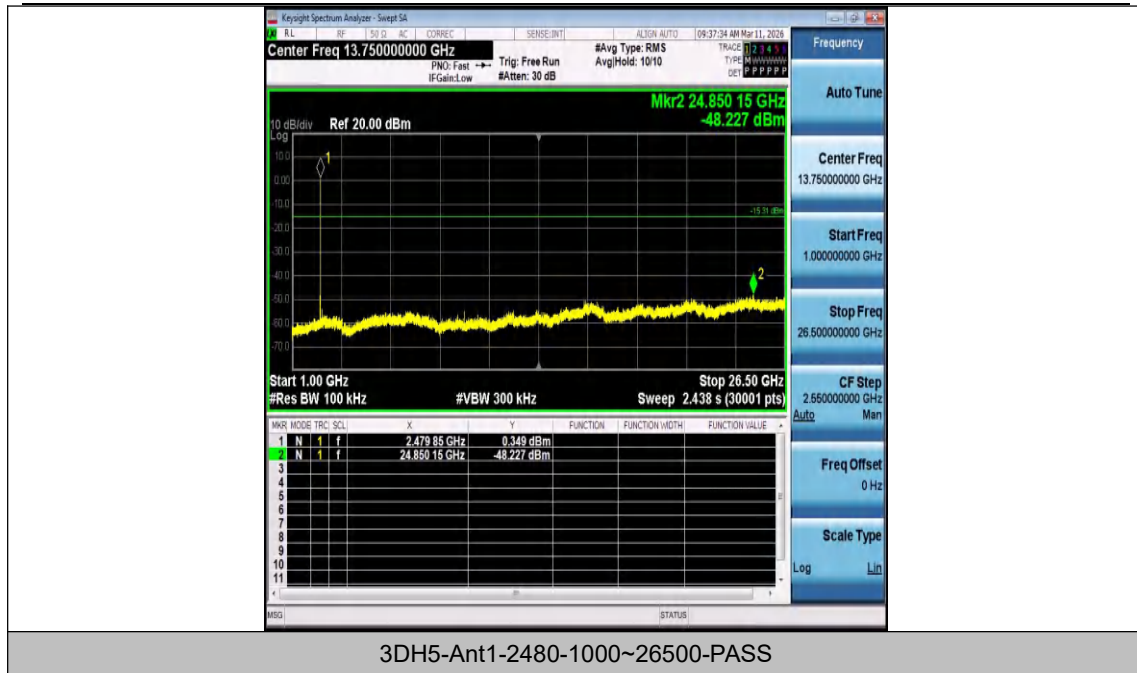
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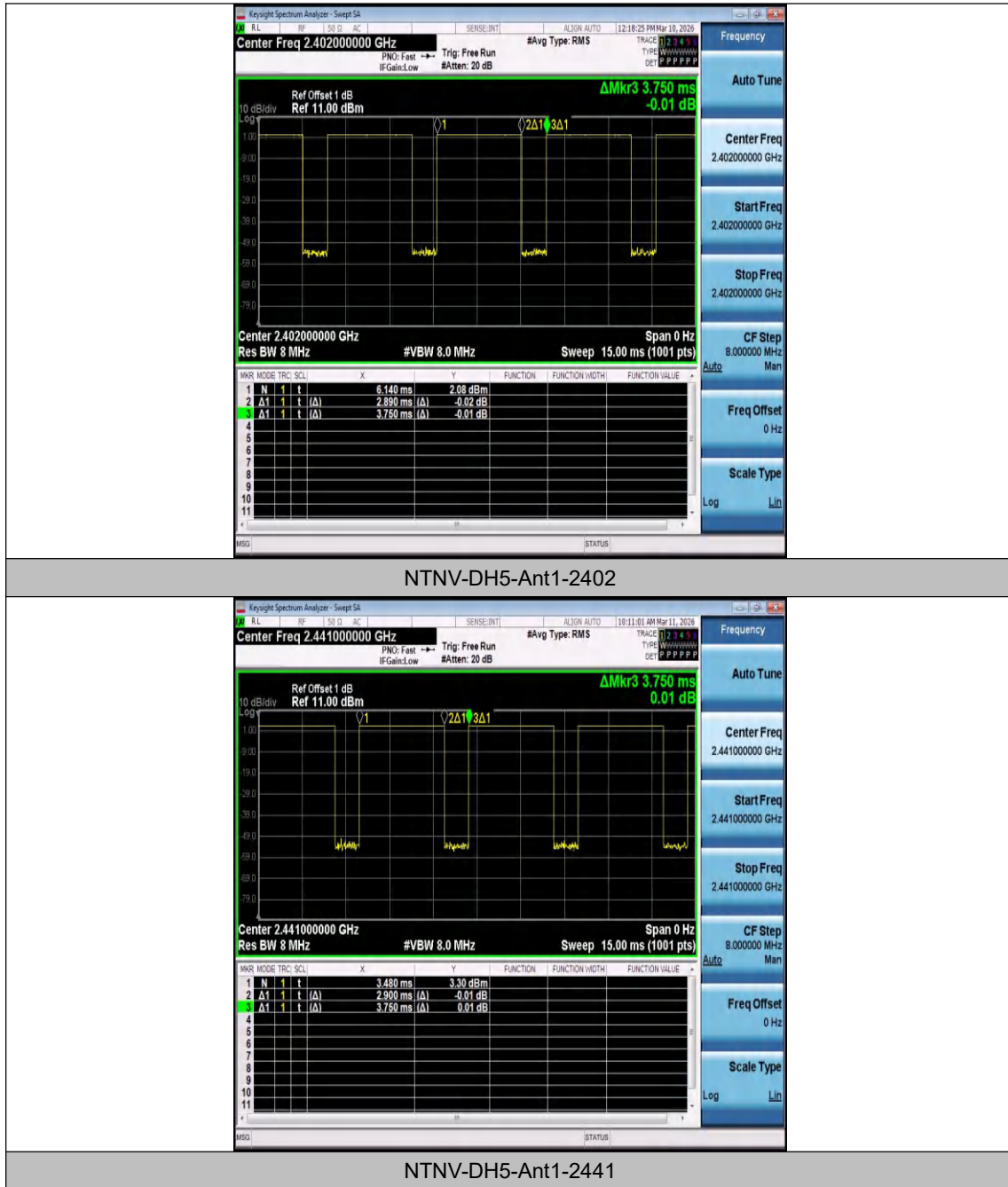
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Appendix I: Duty Cycle

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	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
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

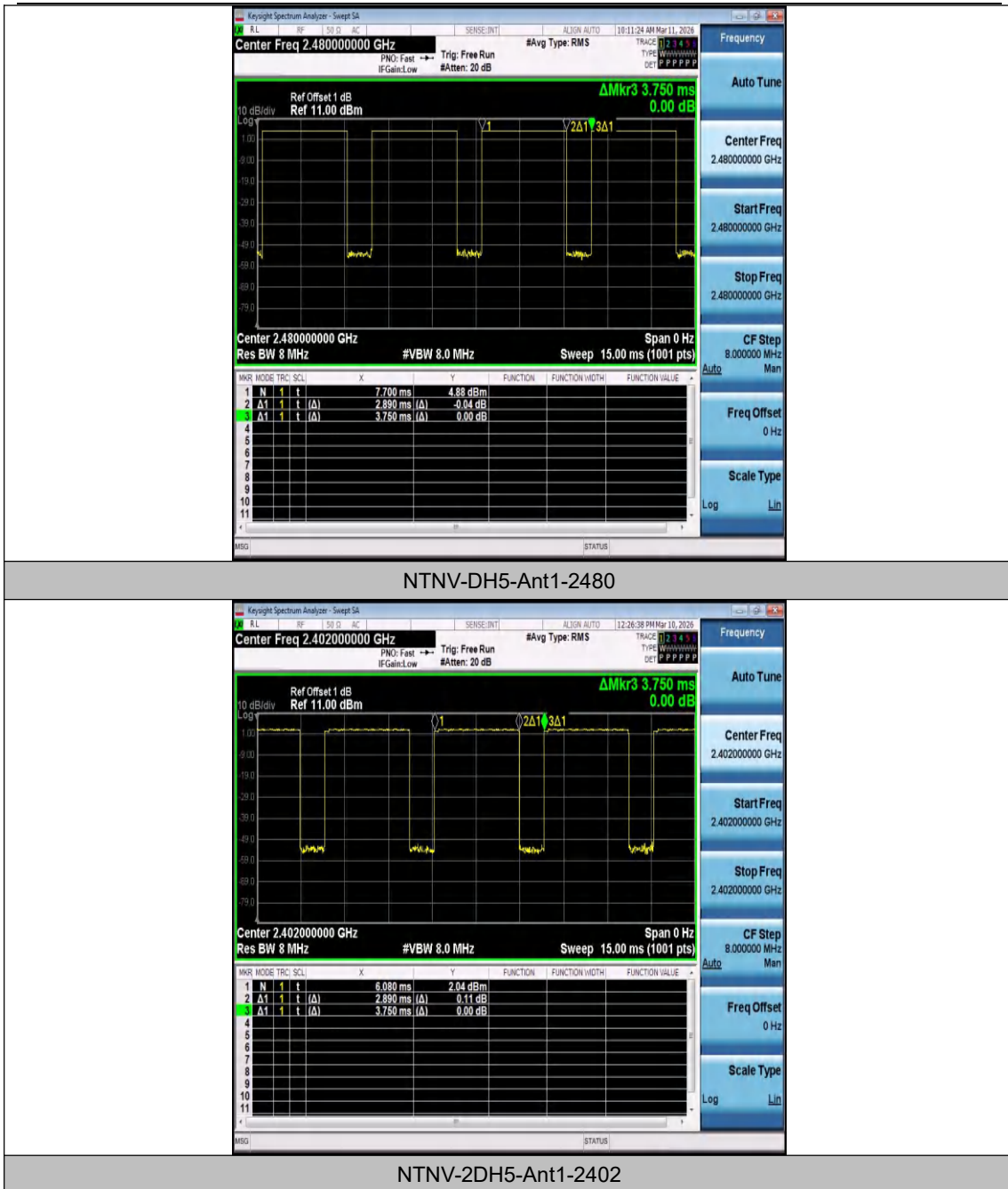
Test Graphs

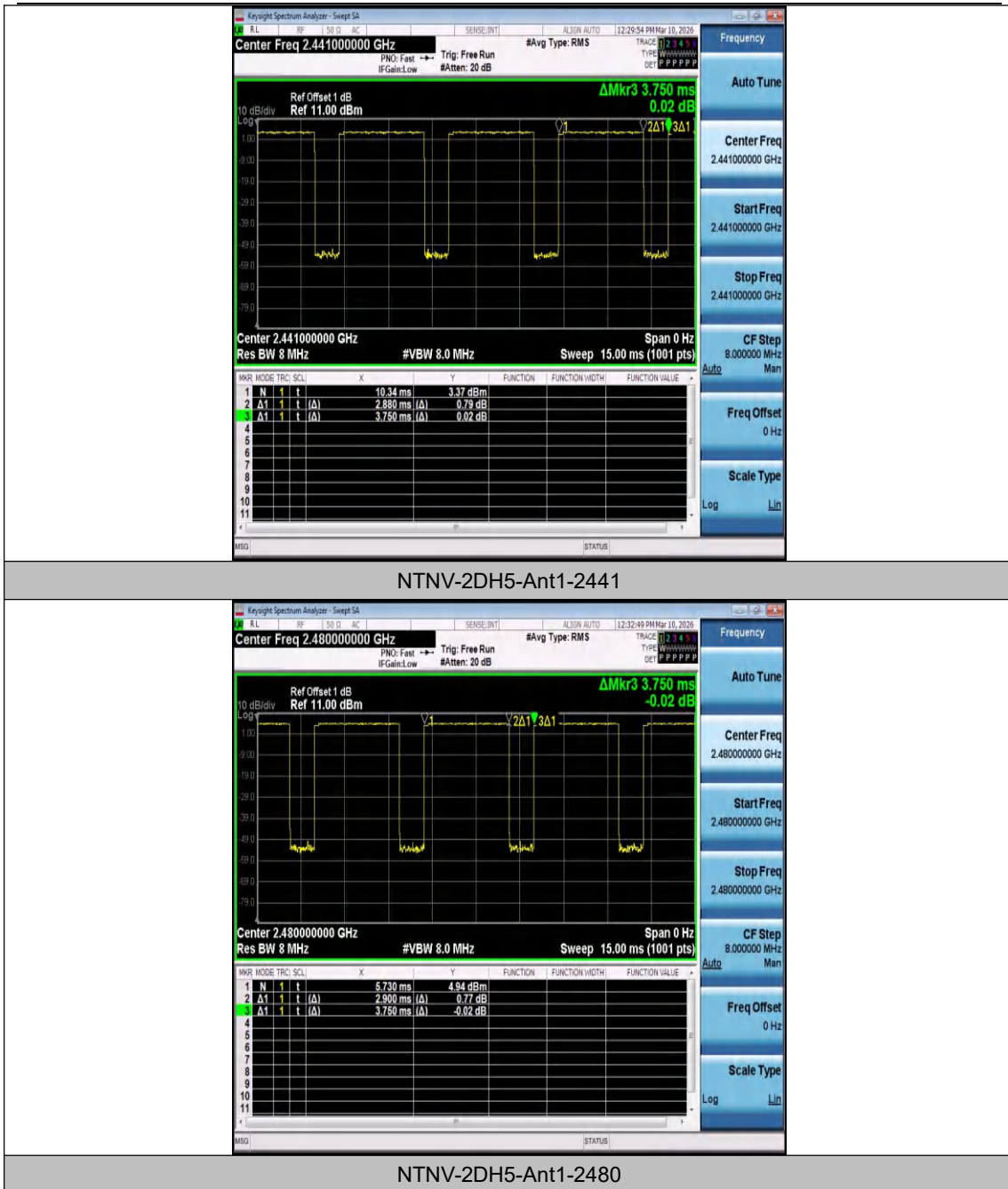


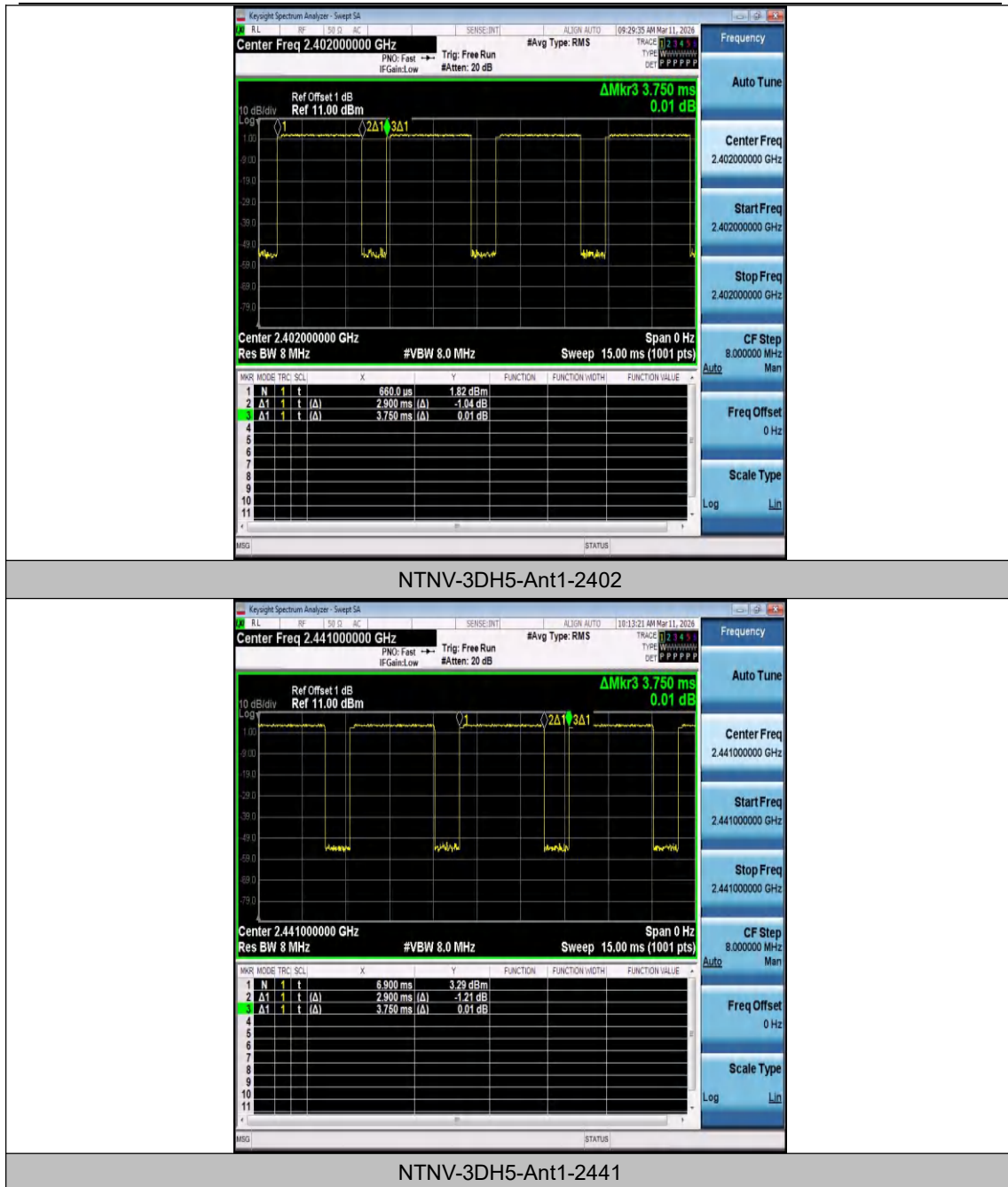
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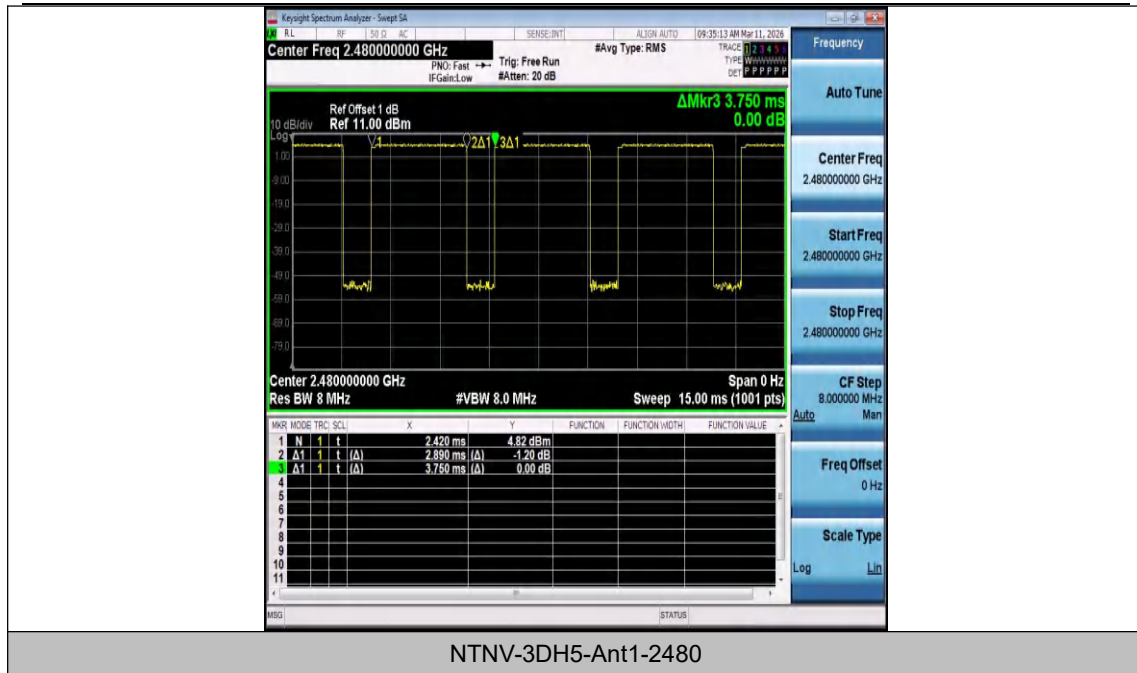




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NTNV-3DH5-Ant1-2480

---End---