

Appendix Test Data

Report No.:	1812C60360712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-29	Finish Test Date:	2026-7-3
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	26.9°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	0.939	2401.535	2402.474	---	---
DH5	Ant1	2441	0.960	2440.526	2441.486	---	---
DH5	Ant1	2480	0.957	2479.526	2480.483	---	---
2DH5	Ant1	2402	1.332	2401.328	2402.660	---	---
2DH5	Ant1	2441	1.362	2440.316	2441.678	---	---
2DH5	Ant1	2480	1.326	2479.325	2480.651	---	---
3DH5	Ant1	2402	1.311	2401.343	2402.654	---	---
3DH5	Ant1	2441	1.317	2440.340	2441.657	---	---
3DH5	Ant1	2480	1.314	2479.340	2480.654	---	---

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	0.85028	2401.5662	2402.4165	---	---
DH5	Ant1	2441	0.85137	2440.5674	2441.4188	---	---
DH5	Ant1	2480	0.85650	2479.5650	2480.4215	---	---
2DH5	Ant1	2402	1.1819	2401.4017	2402.5836	---	---
2DH5	Ant1	2441	1.1787	2440.4029	2441.5816	---	---
2DH5	Ant1	2480	1.1739	2479.4046	2480.5785	---	---
3DH5	Ant1	2402	1.1859	2401.4011	2402.5870	---	---
3DH5	Ant1	2441	1.1798	2440.4029	2441.5827	---	---
3DH5	Ant1	2480	1.1875	2479.4020	2480.5895	---	---

Test Graphs



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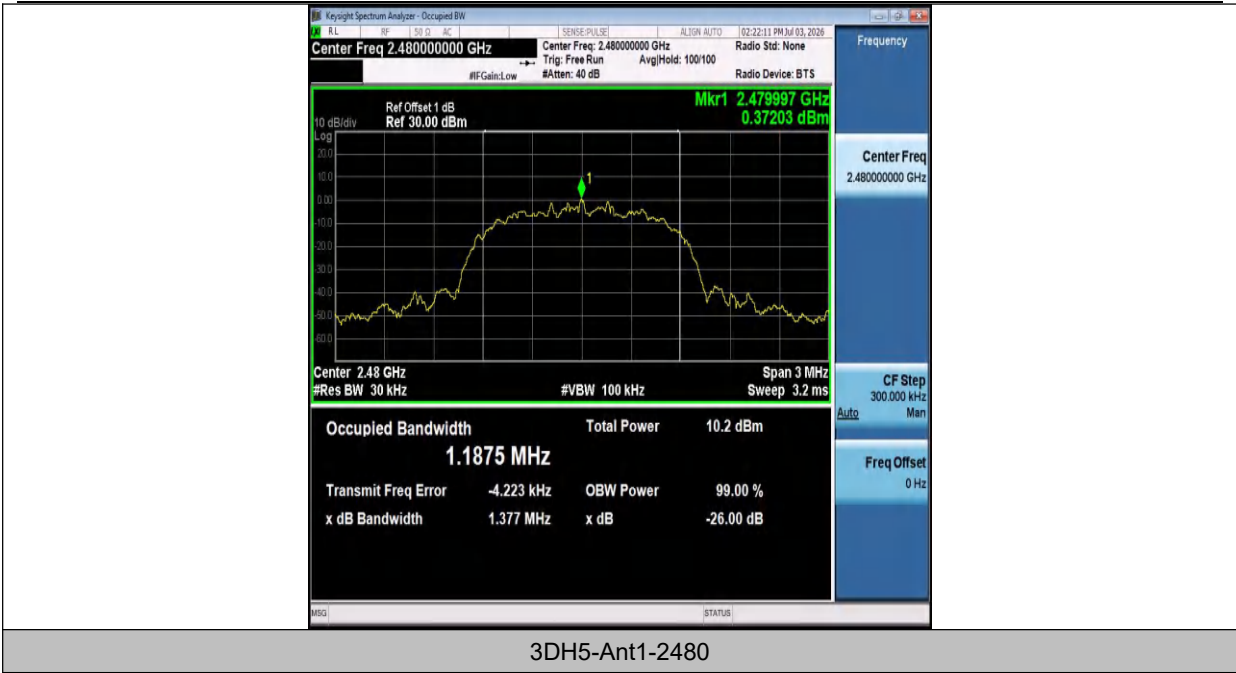
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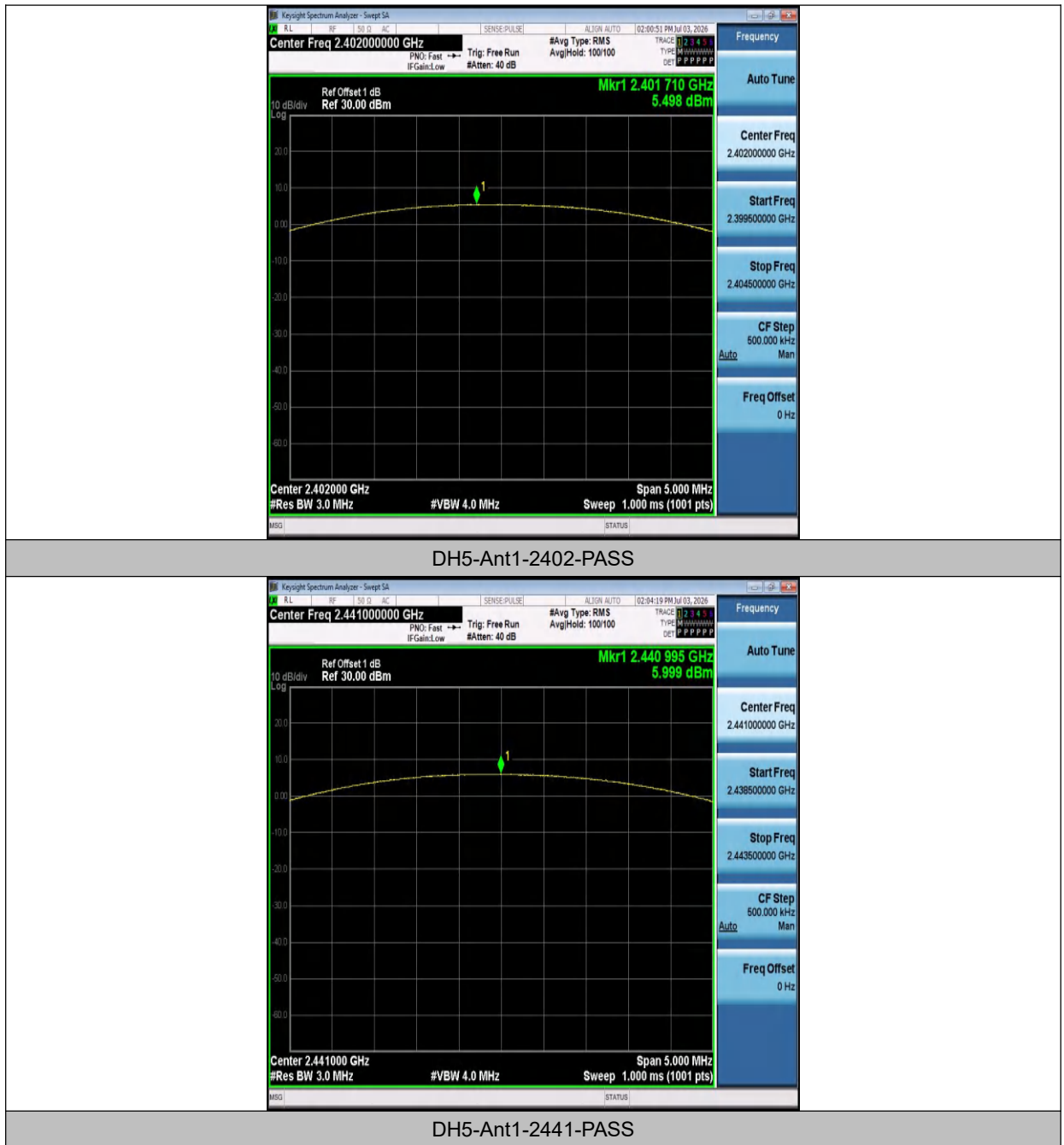
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	5.50	≤20.97	PASS
DH5	Ant1	2441	6.00	≤20.97	PASS
DH5	Ant1	2480	6.27	≤20.97	PASS
2DH5	Ant1	2402	4.51	≤20.97	PASS
2DH5	Ant1	2441	5.11	≤20.97	PASS
2DH5	Ant1	2480	5.31	≤20.97	PASS
3DH5	Ant1	2402	5.05	≤20.97	PASS
3DH5	Ant1	2441	5.63	≤20.97	PASS
3DH5	Ant1	2480	5.90	≤20.97	PASS

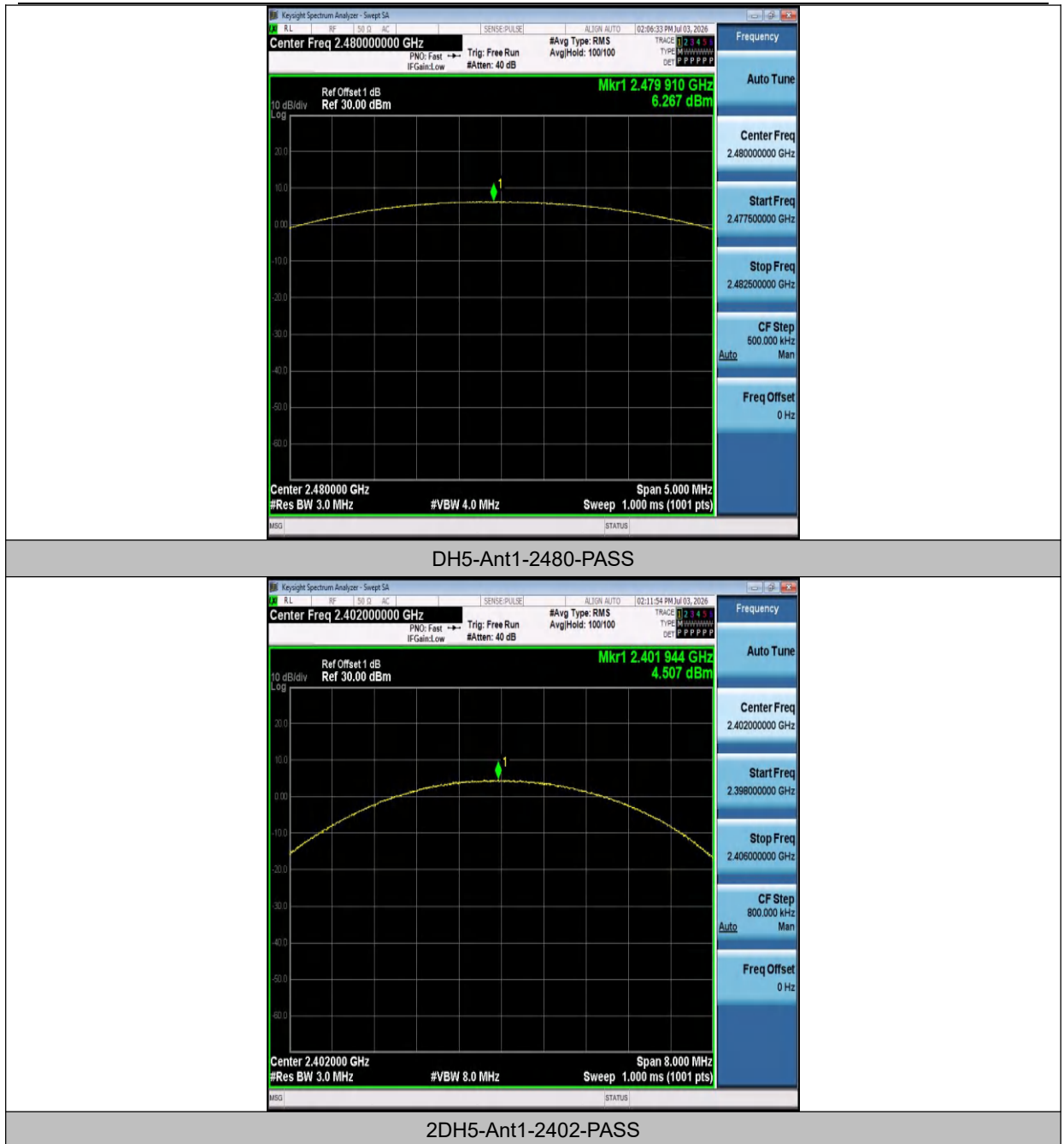
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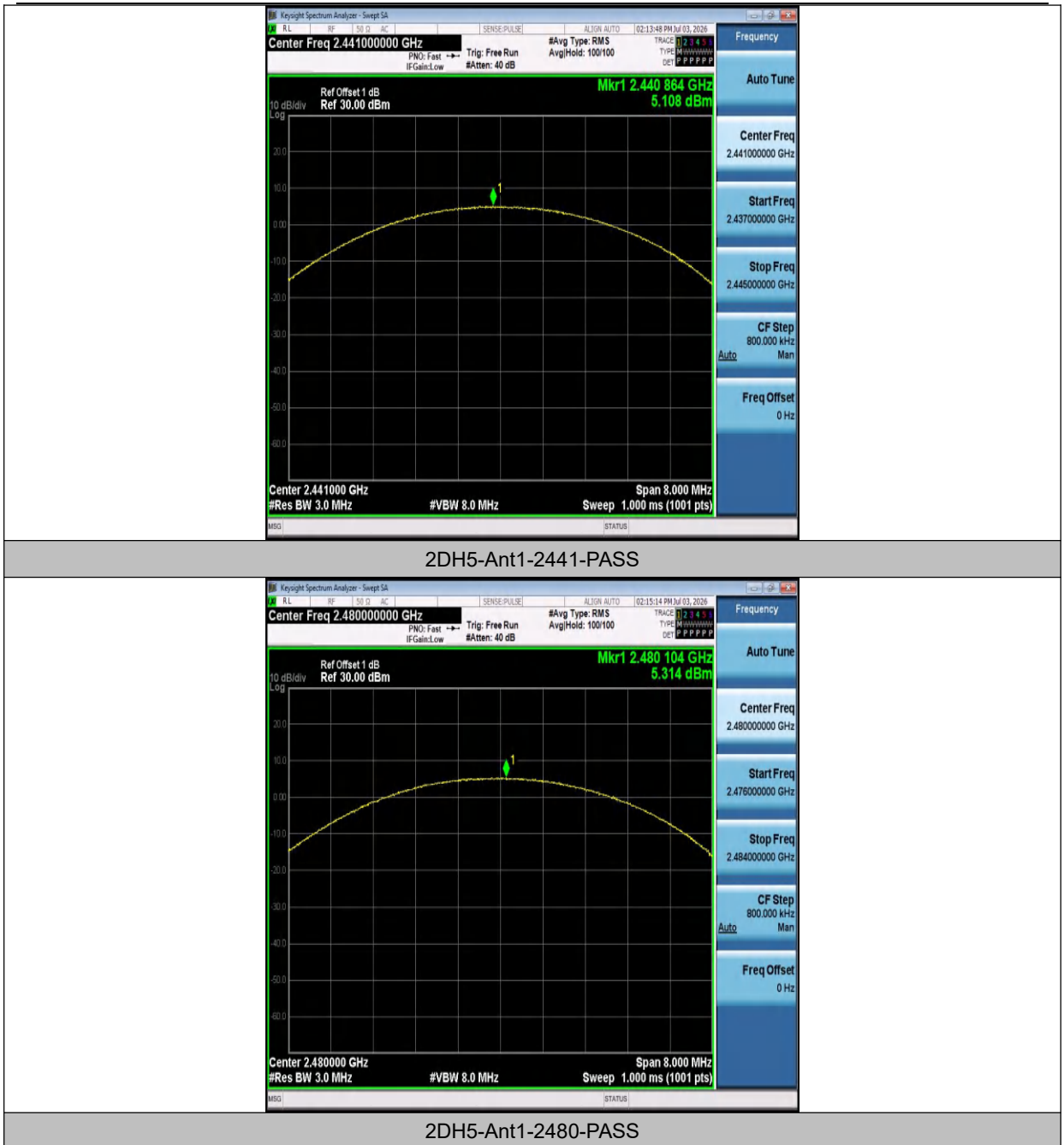
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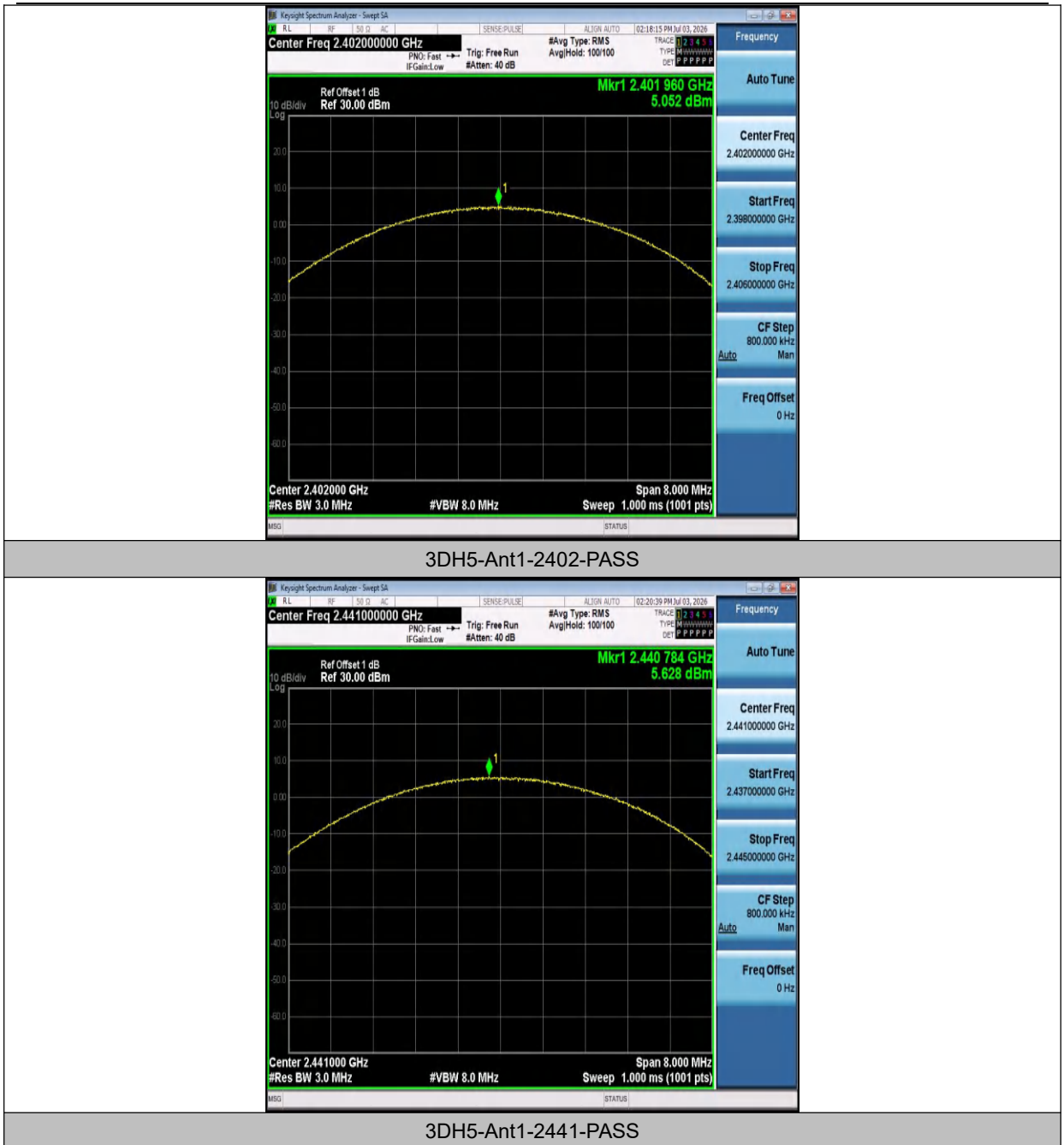
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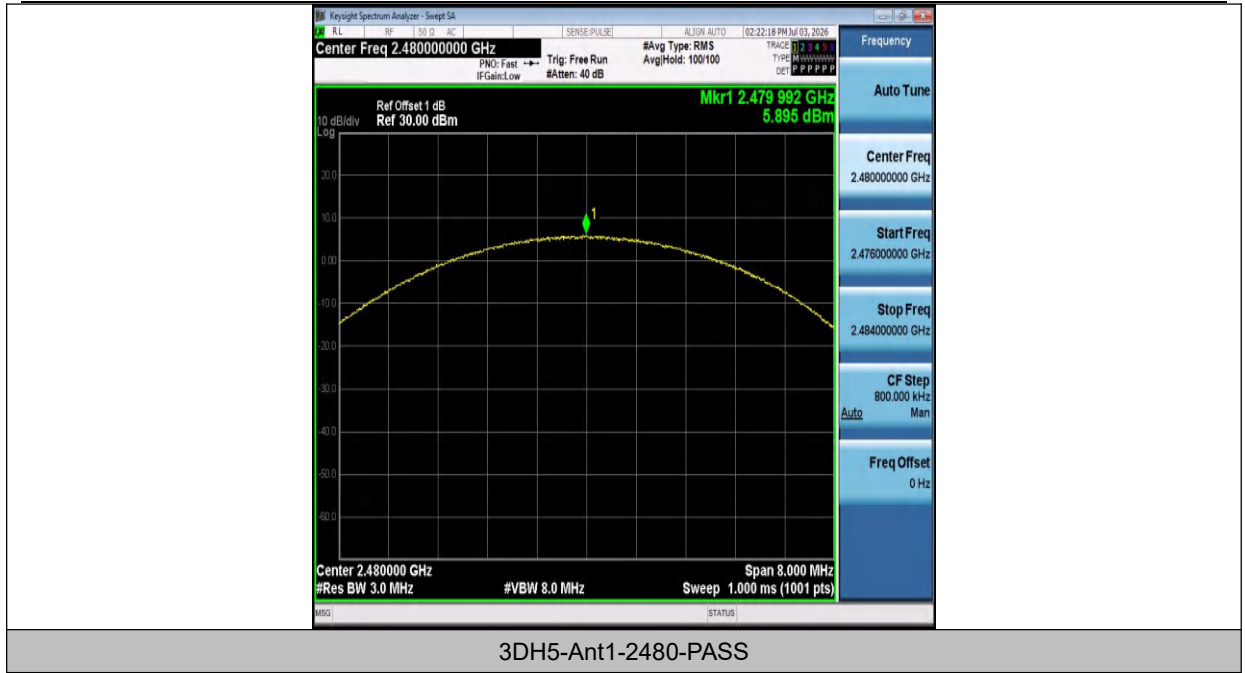
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.016	≥ 0.640	PASS
2DH5	Ant1	Hop	1.008	≥ 0.908	PASS
3DH5	Ant1	Hop	0.942	≥ 0.878	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.

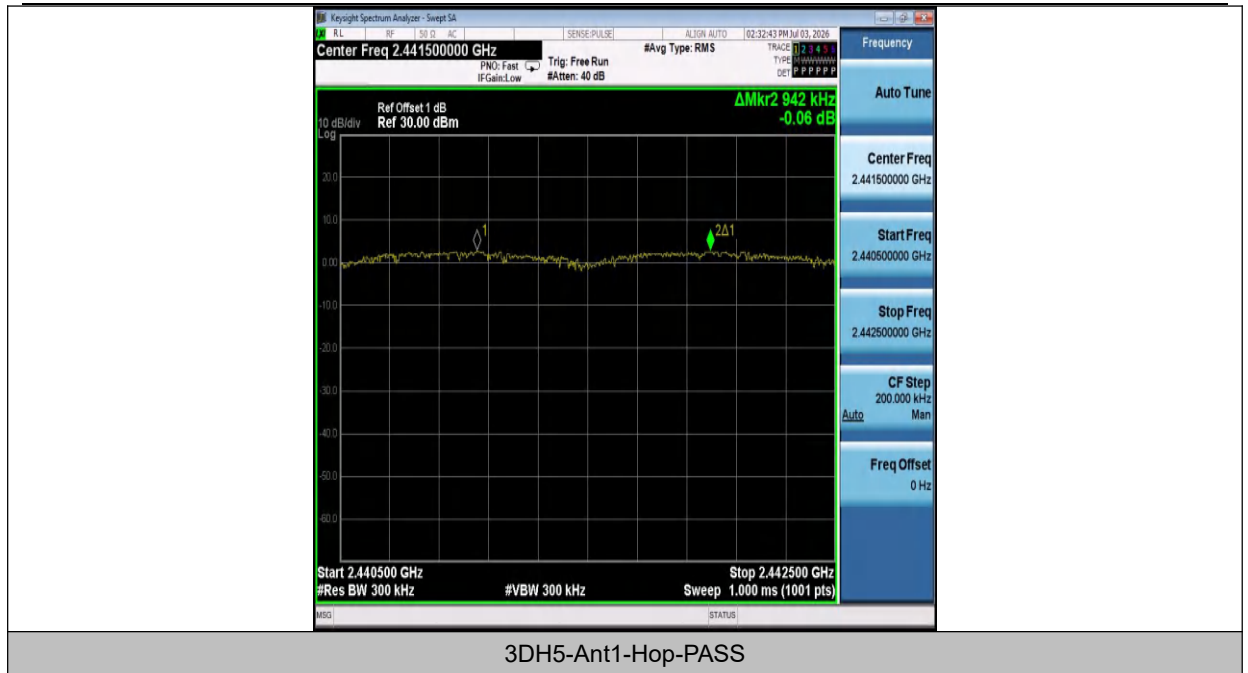
Test Graphs



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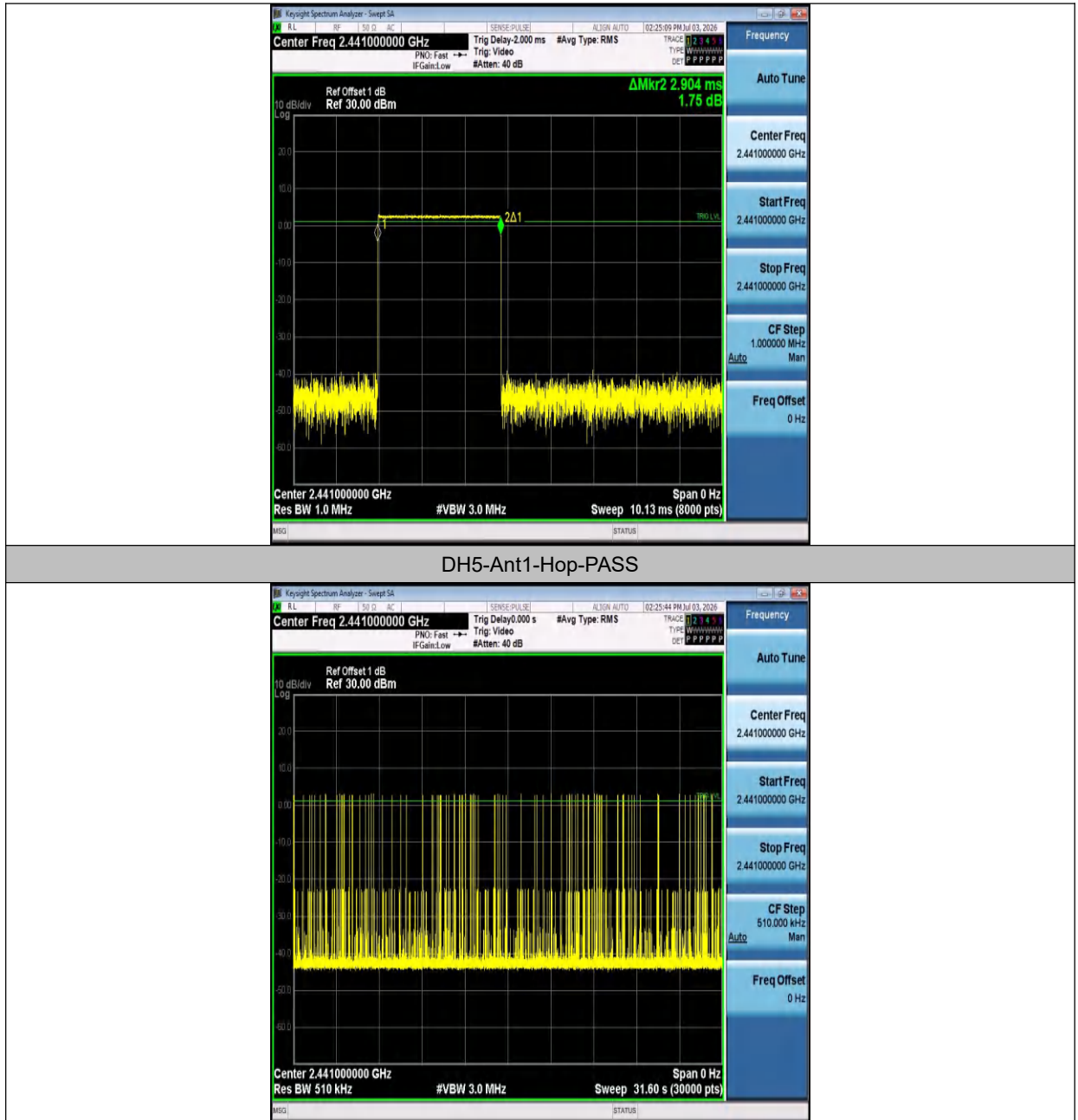
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.904	101	0.293	≤0.4	PASS
2DH5	Ant1	Hop	2.911	113	0.329	≤0.4	PASS
3DH5	Ant1	Hop	2.912	112	0.326	≤0.4	PASS

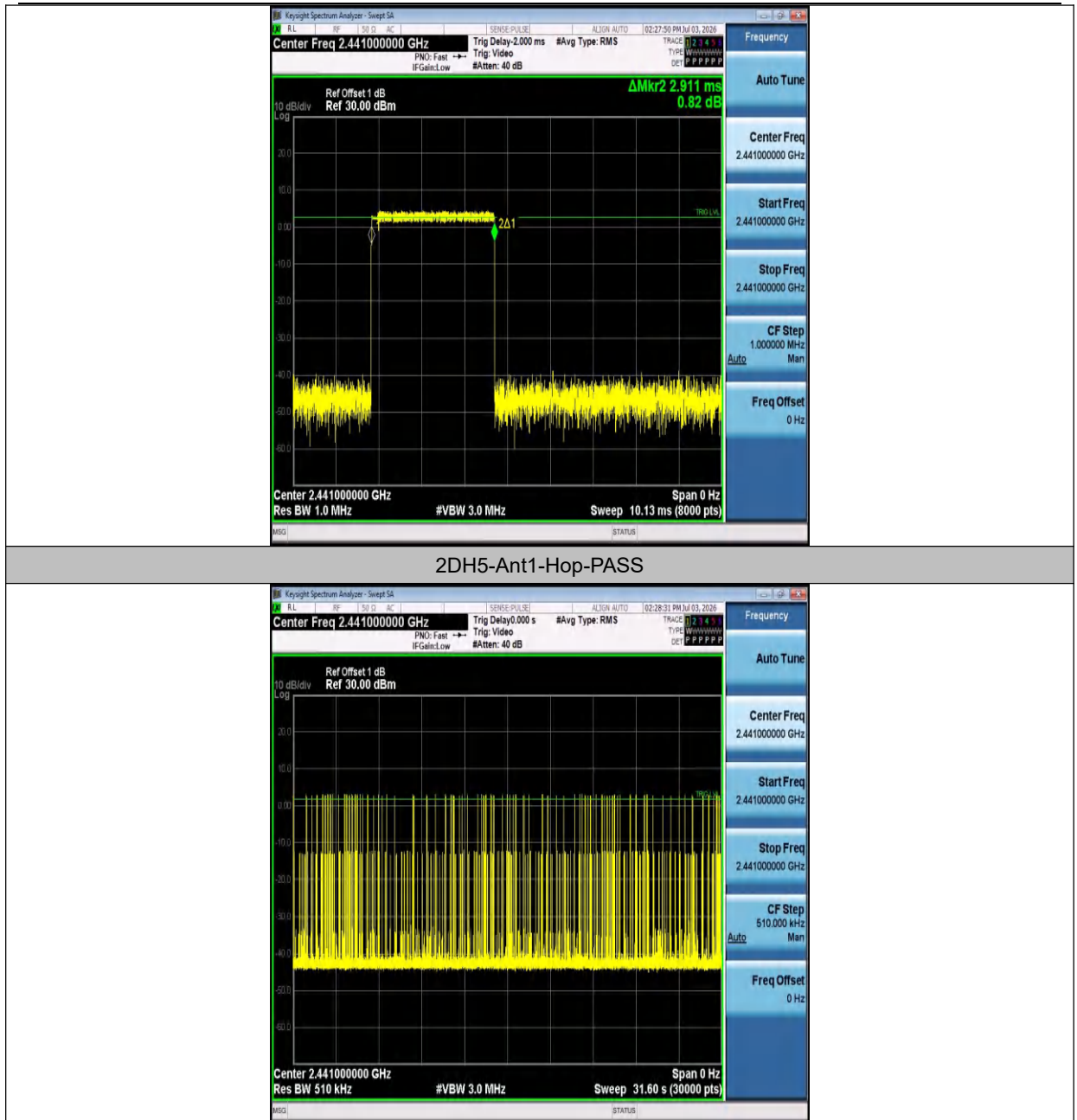
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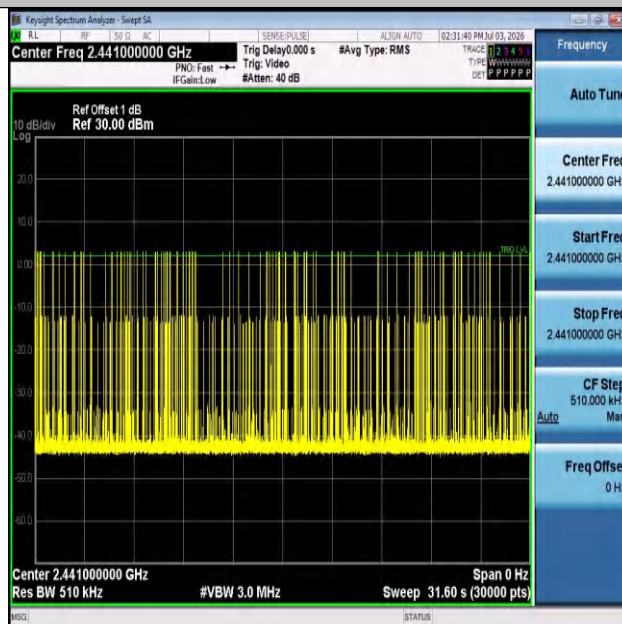
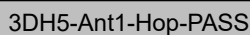
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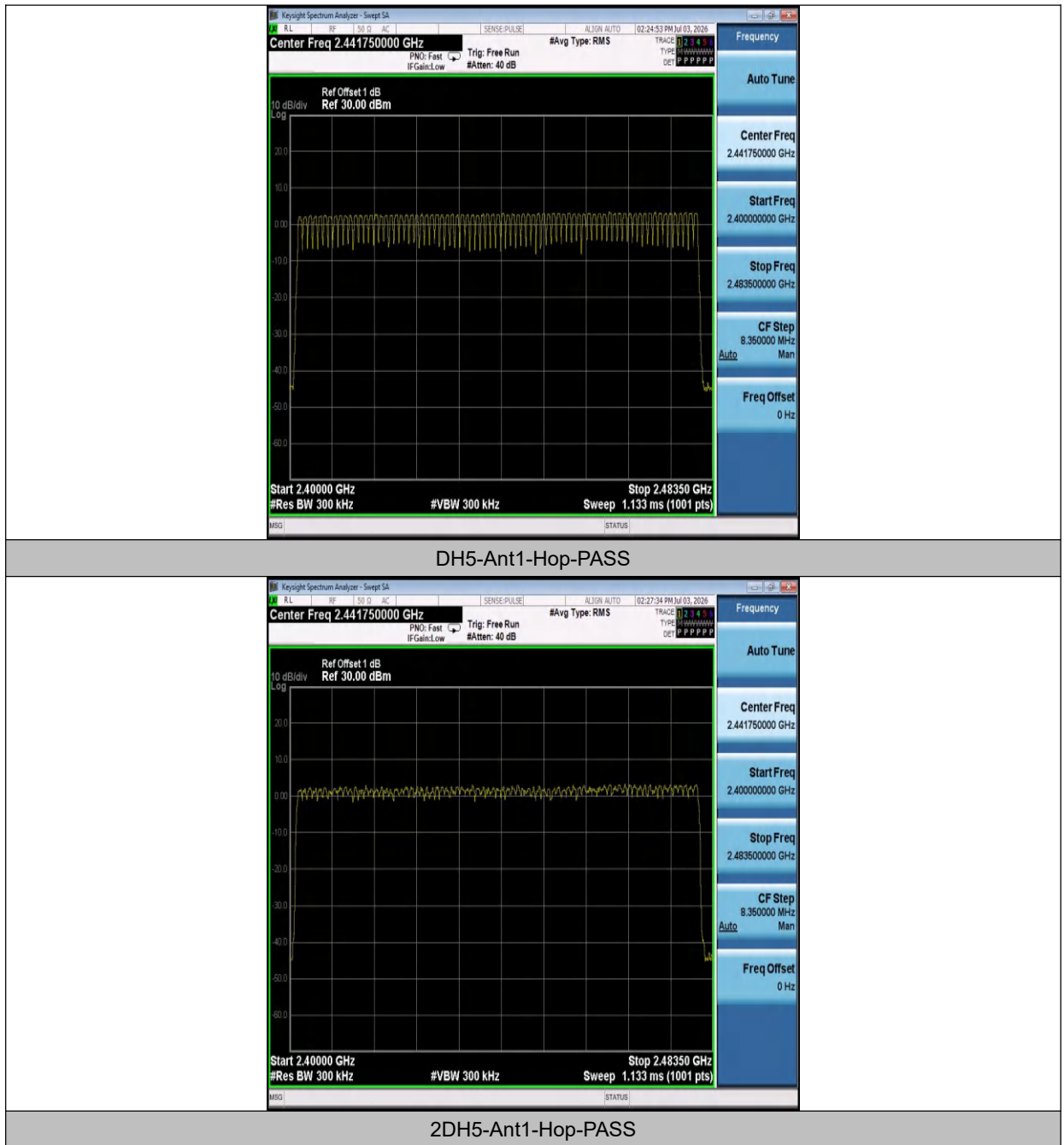


Appendix F: Number of Hopping Channel

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

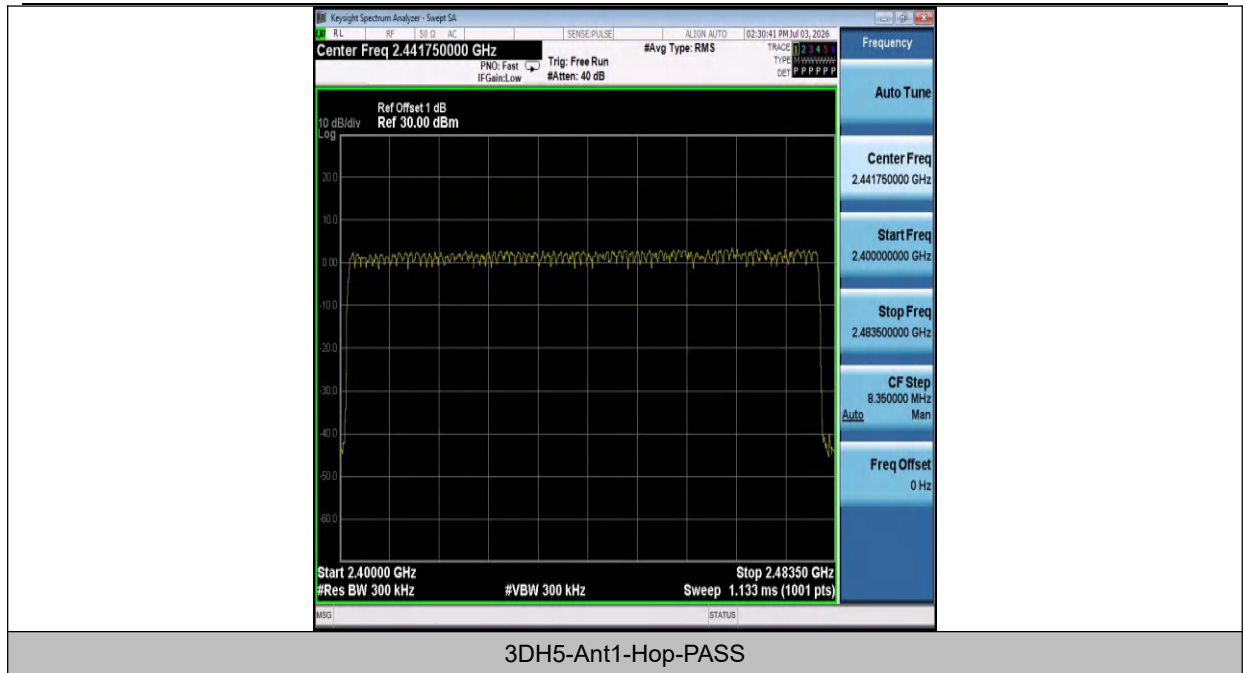
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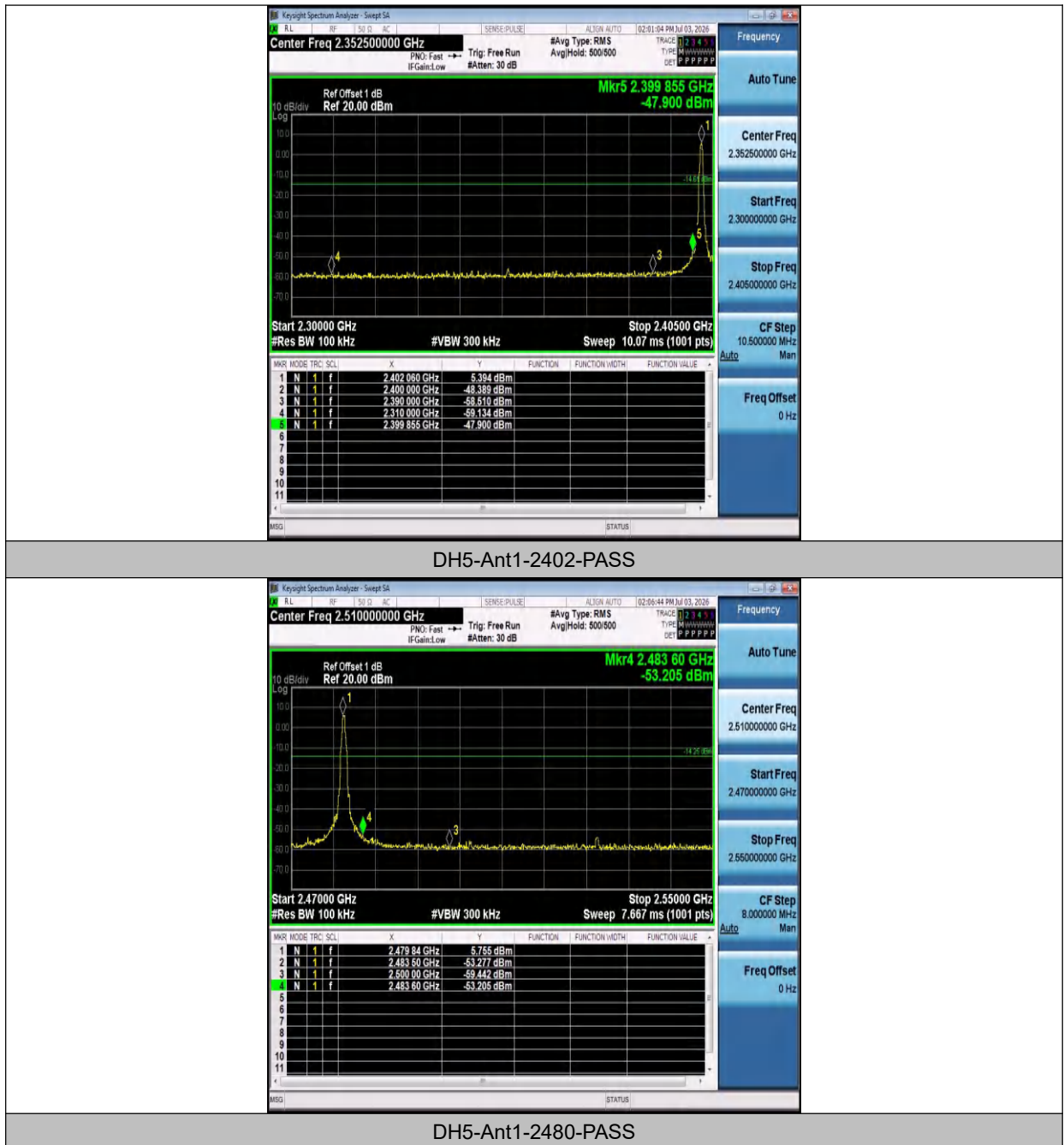
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.39	-47.9	≤-14.61	PASS
DH5	Ant1	High	2480	5.76	-53.21	≤-14.25	PASS
DH5	Ant1	Low	Hop_2402	1.91	-54.55	≤-18.09	PASS
DH5	Ant1	High	Hop_2480	2.81	-47.92	≤-17.19	PASS
2DH5	Ant1	Low	2402	1.87	-49.6	≤-18.13	PASS
2DH5	Ant1	High	2480	2.95	-54.65	≤-17.05	PASS
2DH5	Ant1	Low	Hop_2402	-0.47	-55.8	≤-20.47	PASS
2DH5	Ant1	High	Hop_2480	1.63	-50.93	≤-18.38	PASS
3DH5	Ant1	Low	2402	2.09	-47.74	≤-17.91	PASS
3DH5	Ant1	High	2480	3.16	-54.3	≤-16.84	PASS
3DH5	Ant1	Low	Hop_2402	-0.16	-54.38	≤-20.16	PASS
3DH5	Ant1	High	Hop_2480	2.97	-48.31	≤-17.03	PASS

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

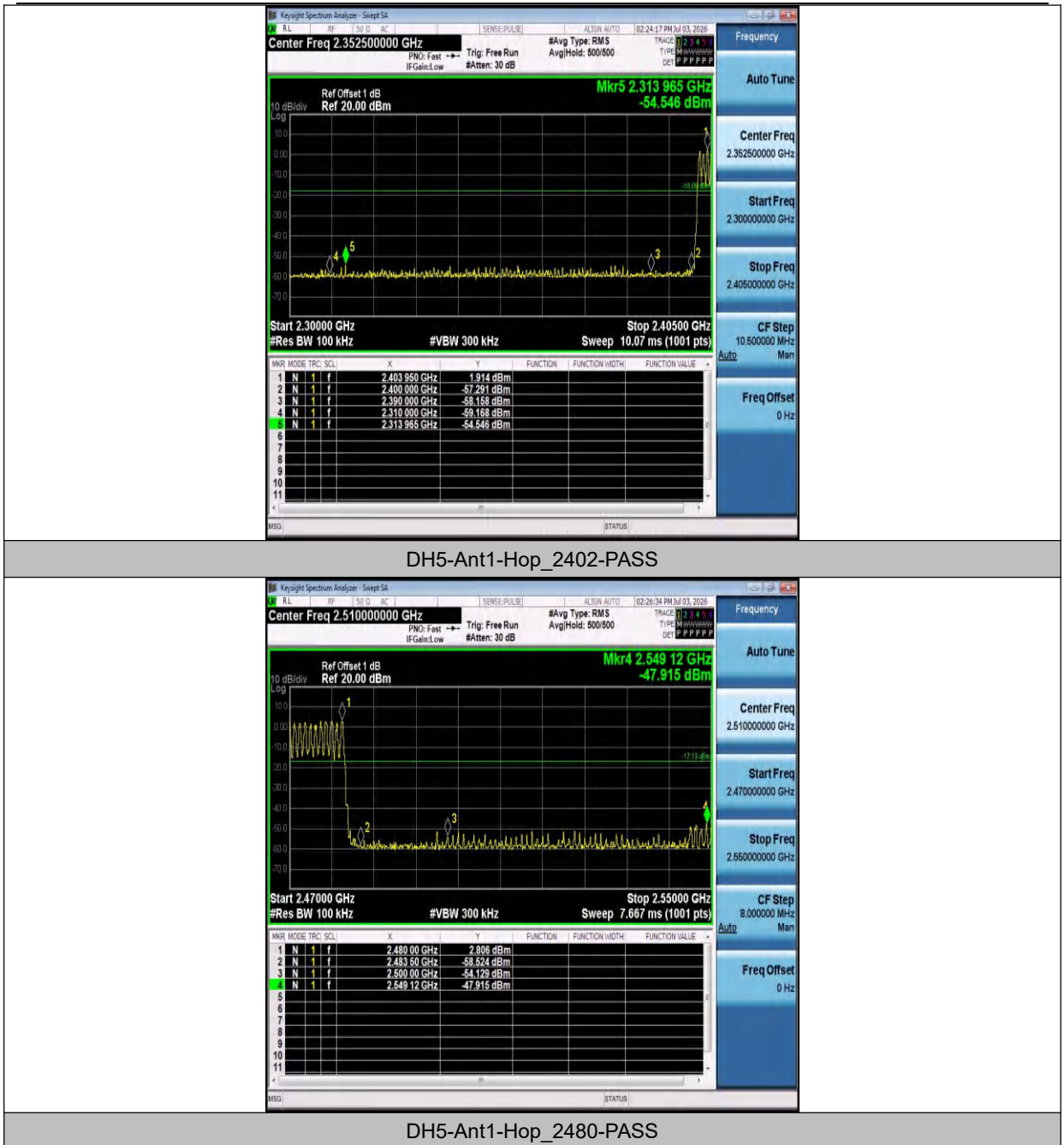
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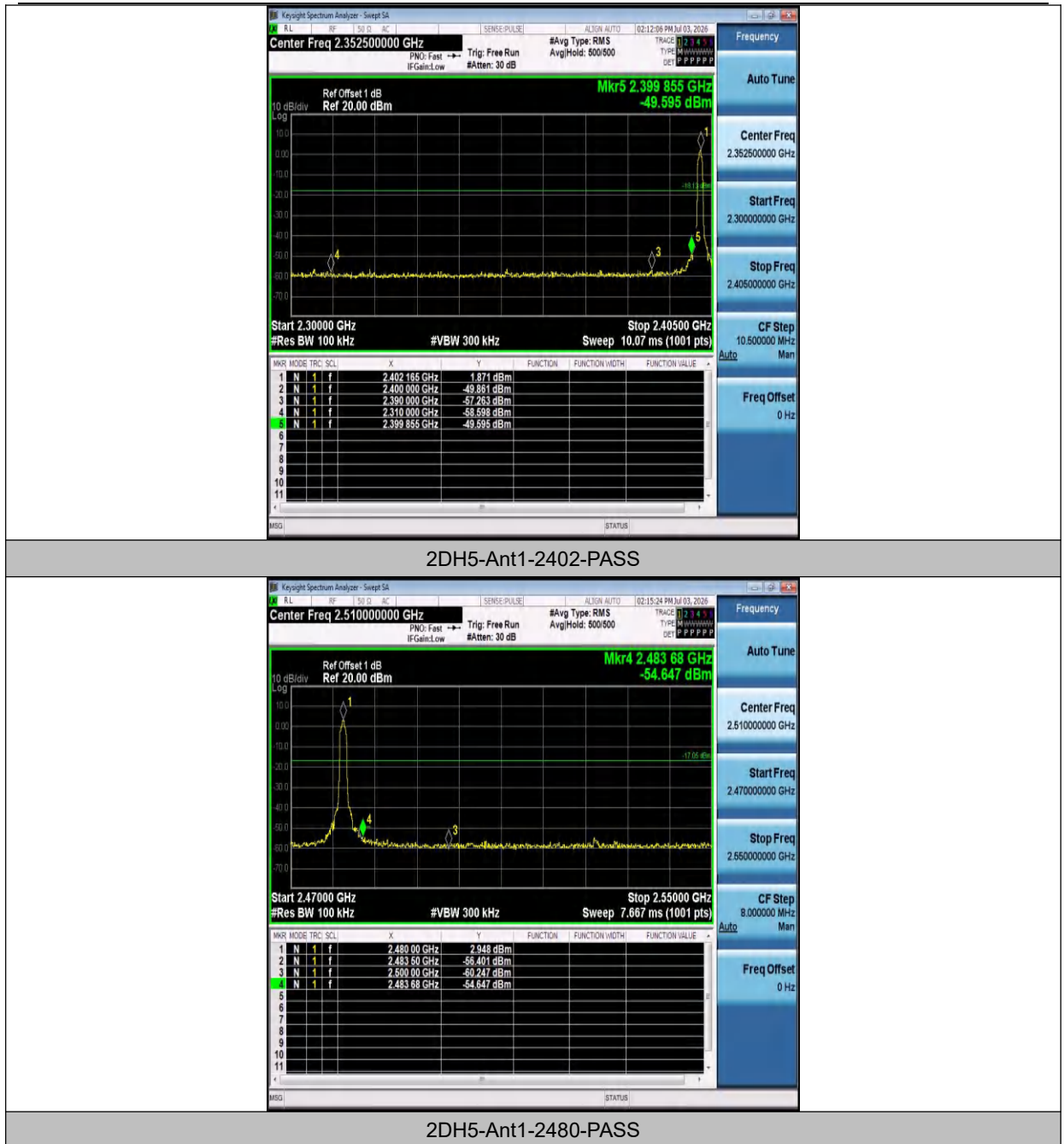


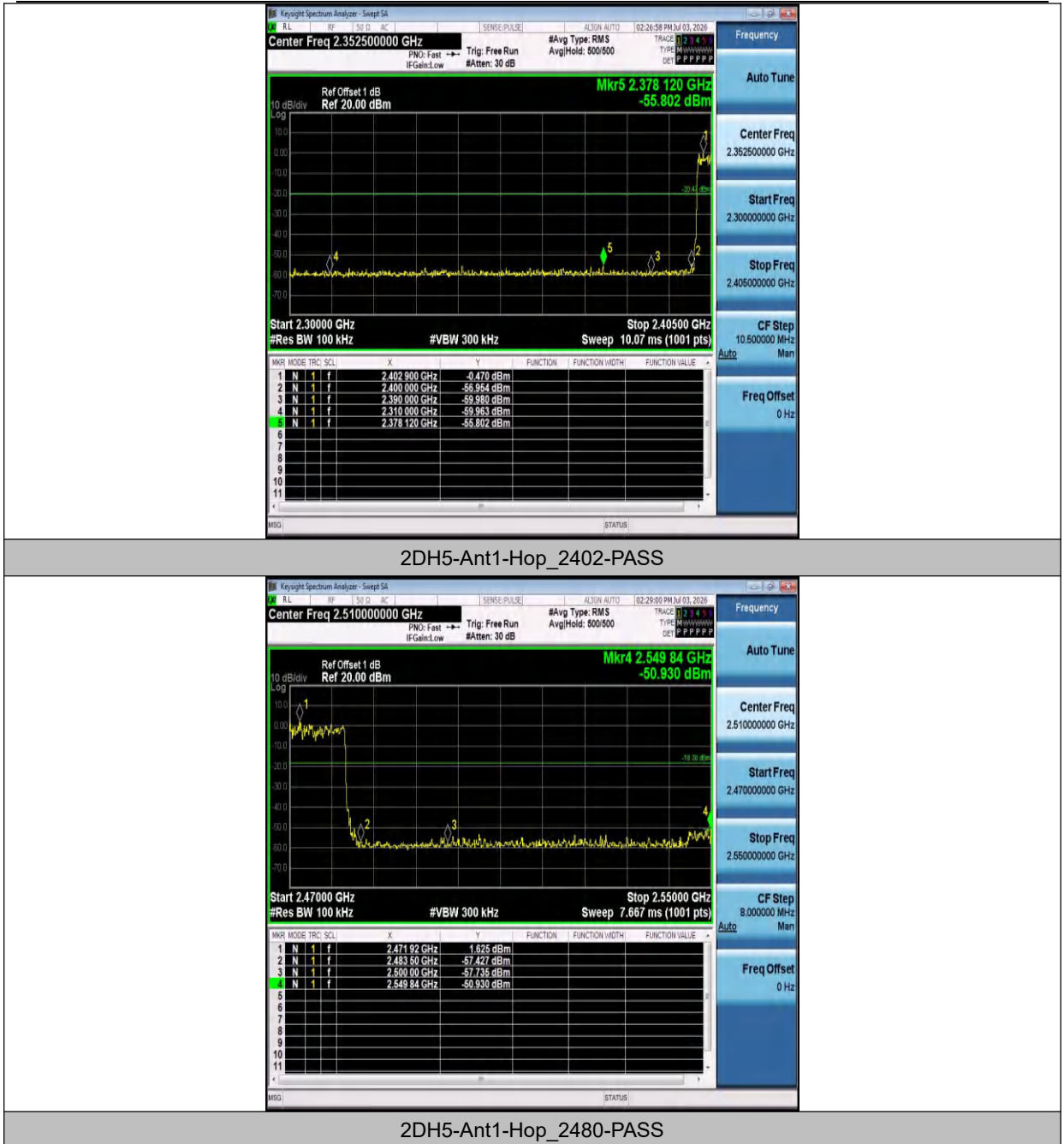
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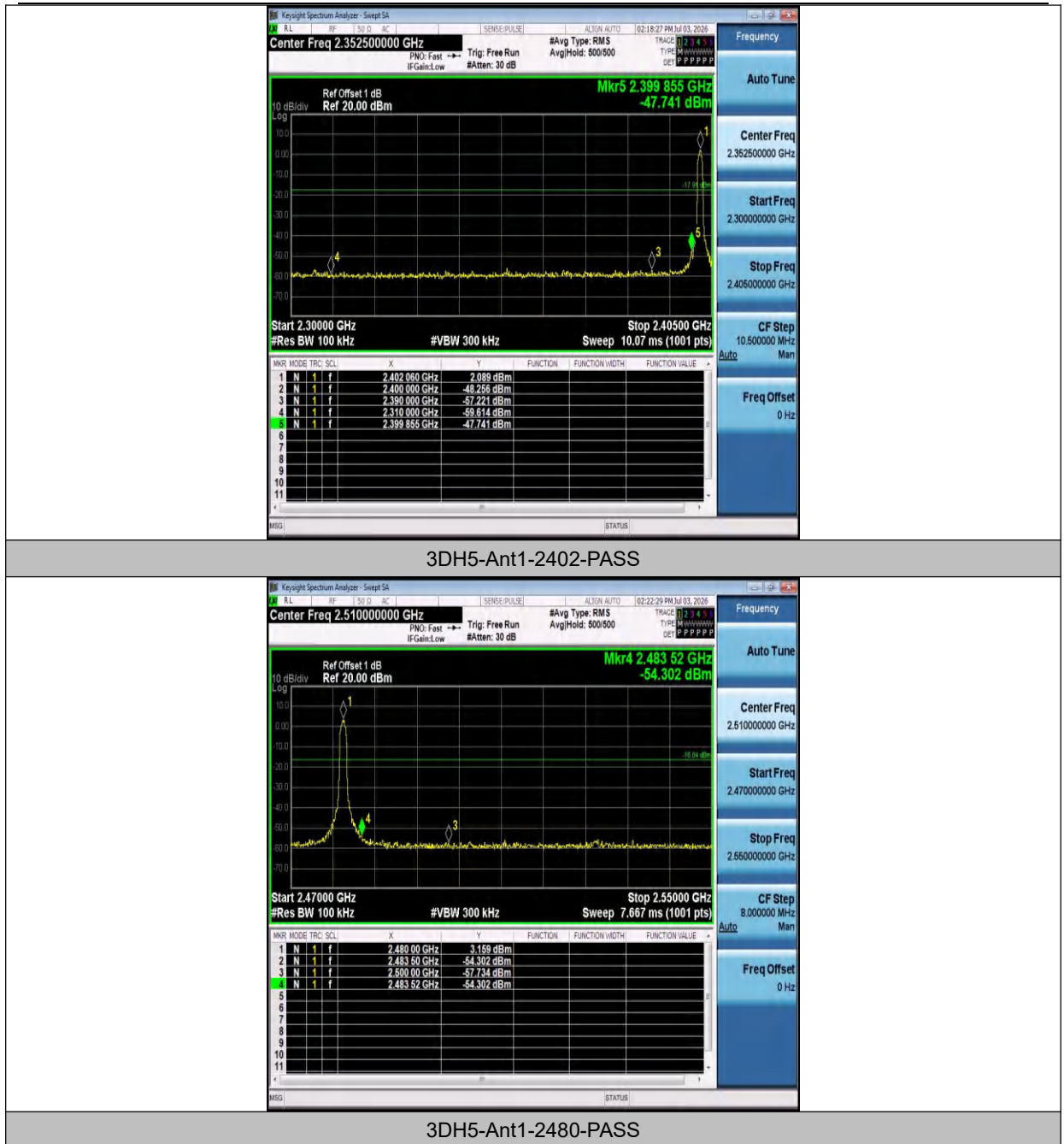
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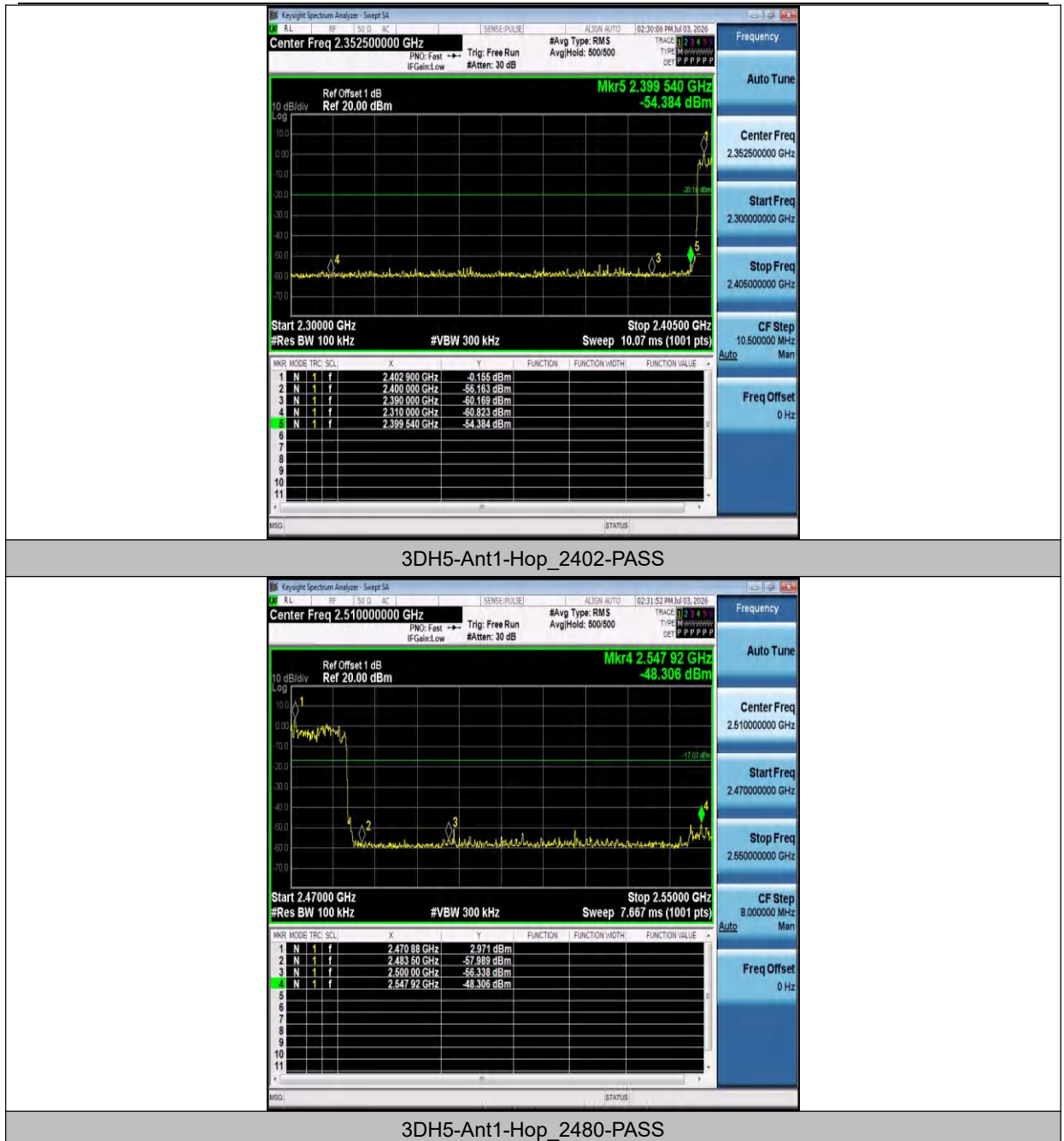




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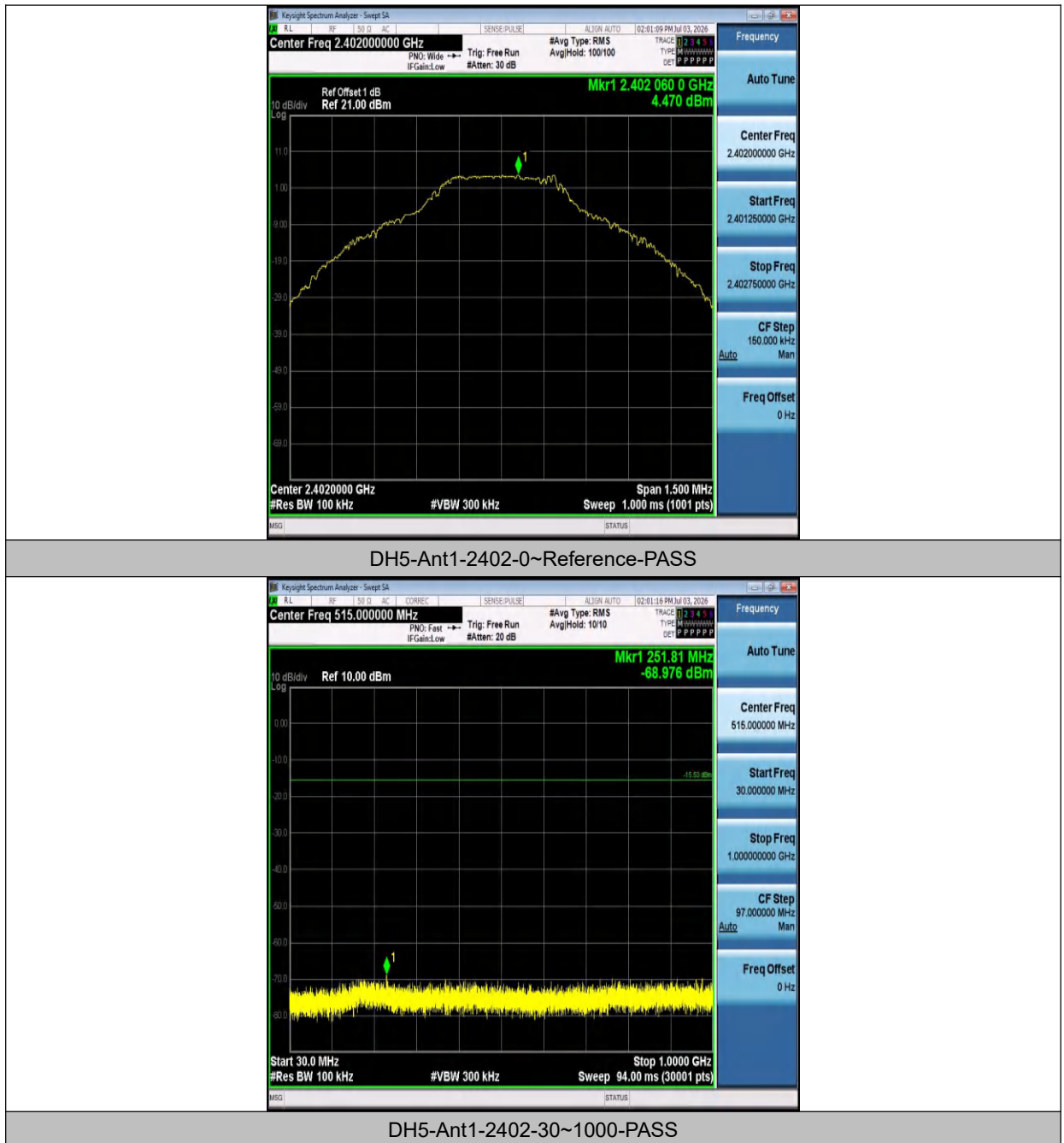
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	4.47	4.47	---	PASS
DH5	Ant1	2402	30~1000	4.47	-68.98	≤-15.53	PASS
DH5	Ant1	2402	1000~26500	4.47	-35.1	≤-15.53	PASS
DH5	Ant1	2441	0~Reference	5.78	5.78	---	PASS
DH5	Ant1	2441	30~1000	5.78	-69.15	≤-14.22	PASS
DH5	Ant1	2441	1000~26500	5.78	-35.47	≤-14.22	PASS
DH5	Ant1	2480	0~Reference	5.87	5.87	---	PASS
DH5	Ant1	2480	30~1000	5.87	-67.92	≤-14.13	PASS
DH5	Ant1	2480	1000~26500	5.87	-36.08	≤-14.13	PASS
2DH5	Ant1	2402	0~Reference	1.43	1.43	---	PASS
2DH5	Ant1	2402	30~1000	1.43	-57.41	≤-18.57	PASS
2DH5	Ant1	2402	1000~26500	1.43	-35.7	≤-18.57	PASS
2DH5	Ant1	2441	0~Reference	2.51	2.51	---	PASS
2DH5	Ant1	2441	30~1000	2.51	-63.73	≤-17.49	PASS
2DH5	Ant1	2441	1000~26500	2.51	-35.71	≤-17.49	PASS
2DH5	Ant1	2480	0~Reference	2.89	2.89	---	PASS
2DH5	Ant1	2480	30~1000	2.89	-68.97	≤-17.11	PASS
2DH5	Ant1	2480	1000~26500	2.89	-35.95	≤-17.11	PASS
3DH5	Ant1	2402	0~Reference	1.22	1.22	---	PASS
3DH5	Ant1	2402	30~1000	1.22	-68.6	≤-18.78	PASS
3DH5	Ant1	2402	1000~26500	1.22	-35.8	≤-18.78	PASS
3DH5	Ant1	2441	0~Reference	2.17	2.17	---	PASS
3DH5	Ant1	2441	30~1000	2.17	-67.53	≤-17.83	PASS
3DH5	Ant1	2441	1000~26500	2.17	-35.89	≤-17.83	PASS
3DH5	Ant1	2480	0~Reference	2.20	2.20	---	PASS
3DH5	Ant1	2480	30~1000	2.20	-59.01	≤-17.8	PASS
3DH5	Ant1	2480	1000~26500	2.20	-35.61	≤-17.8	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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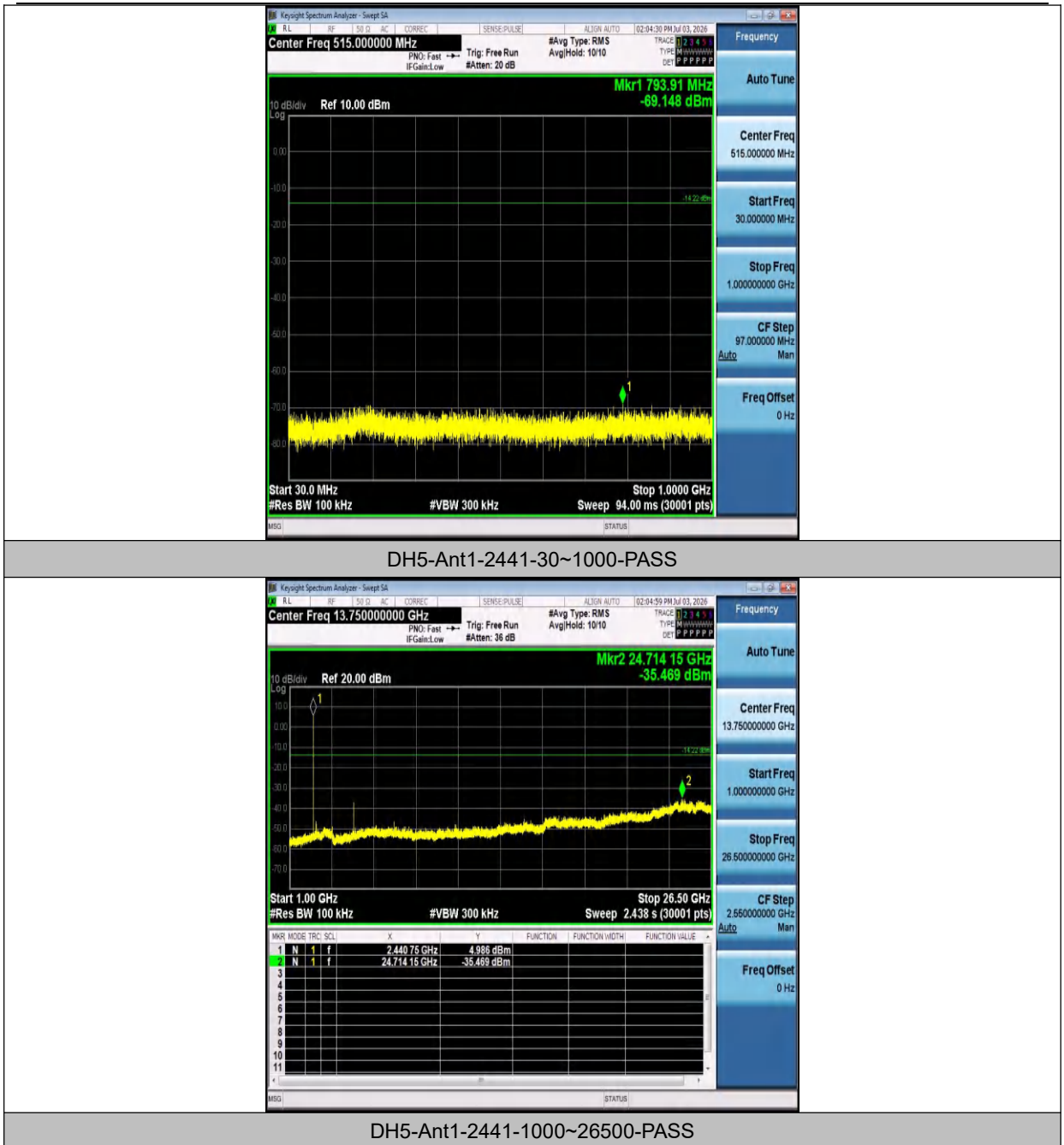
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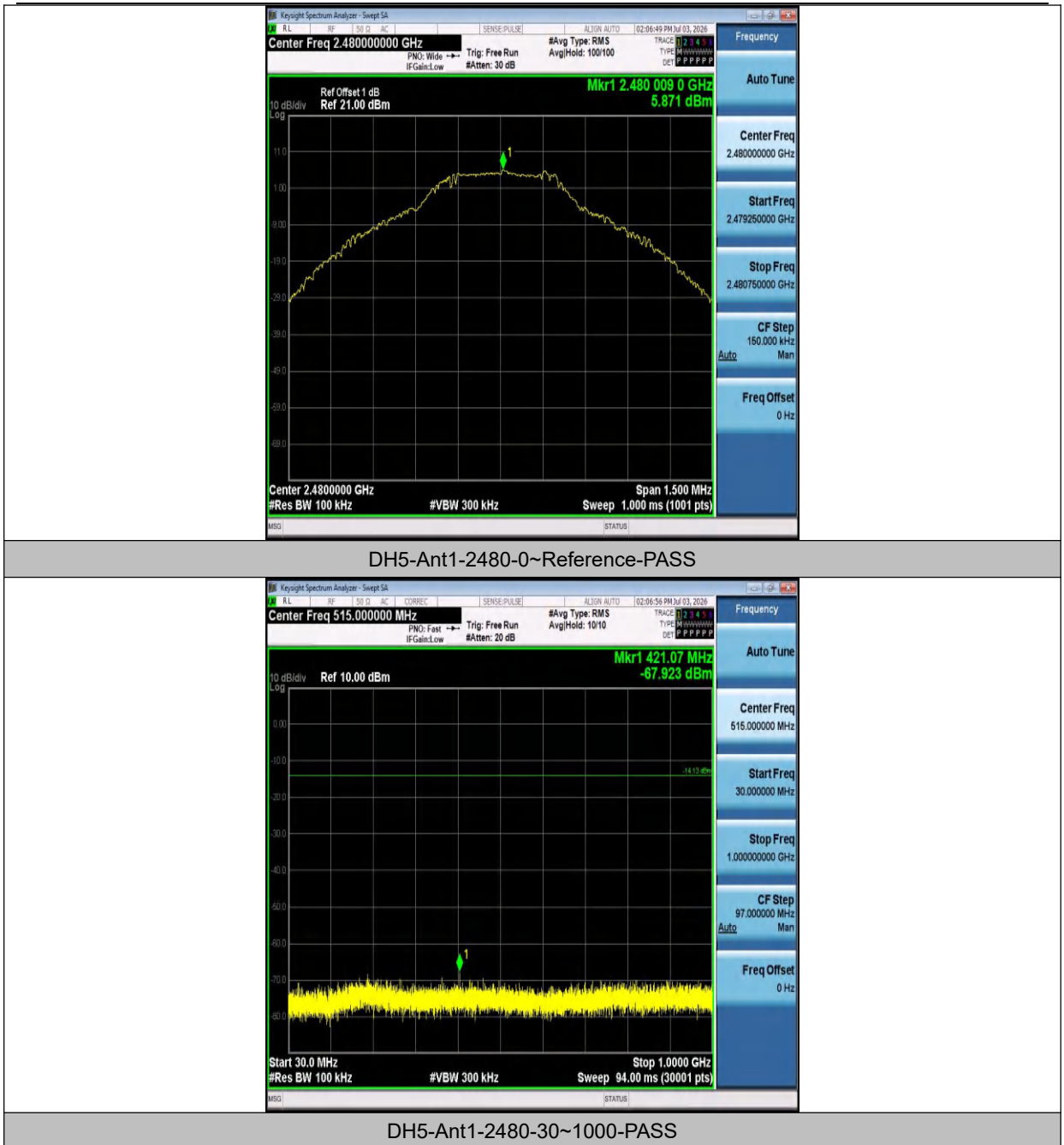


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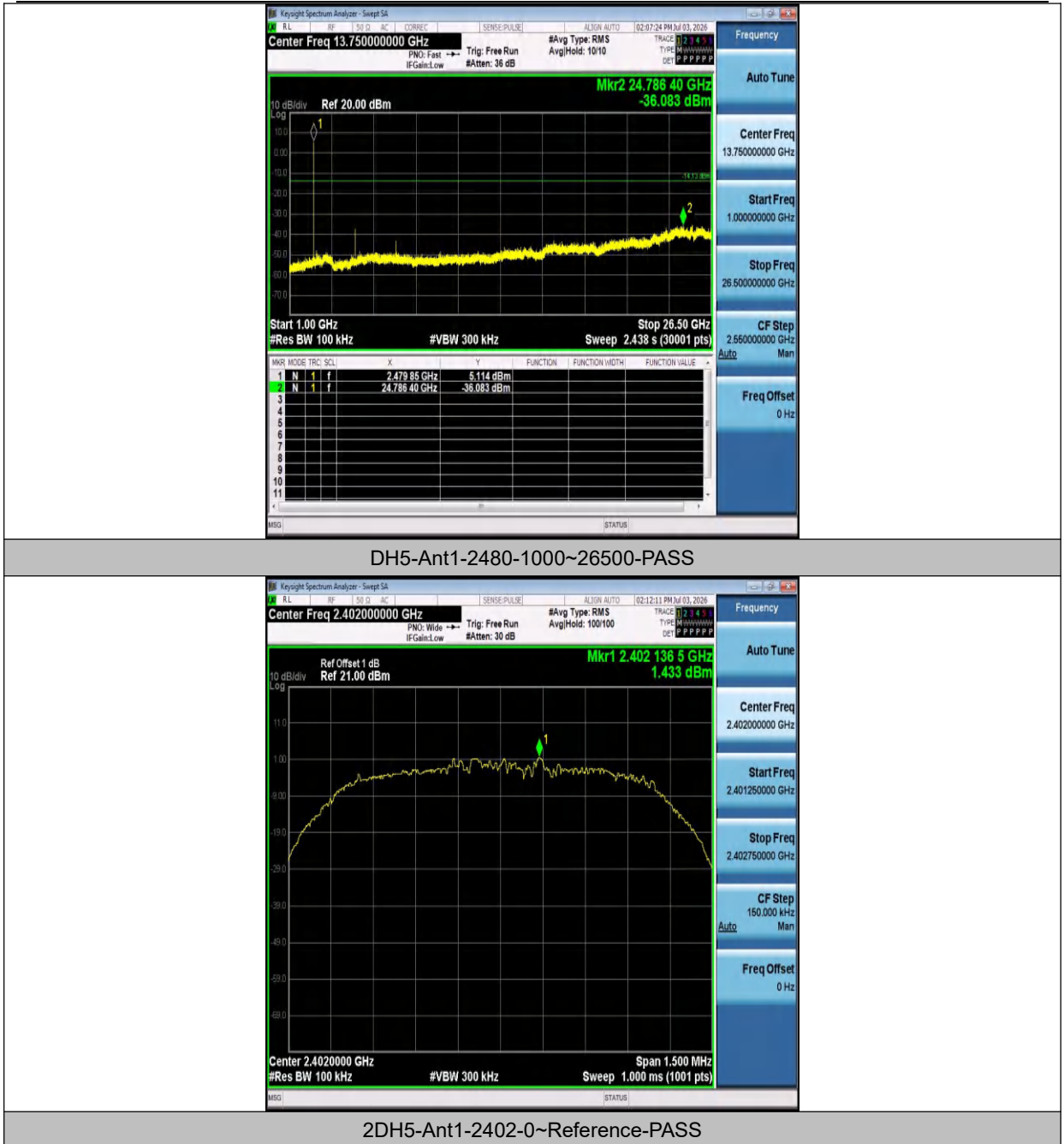




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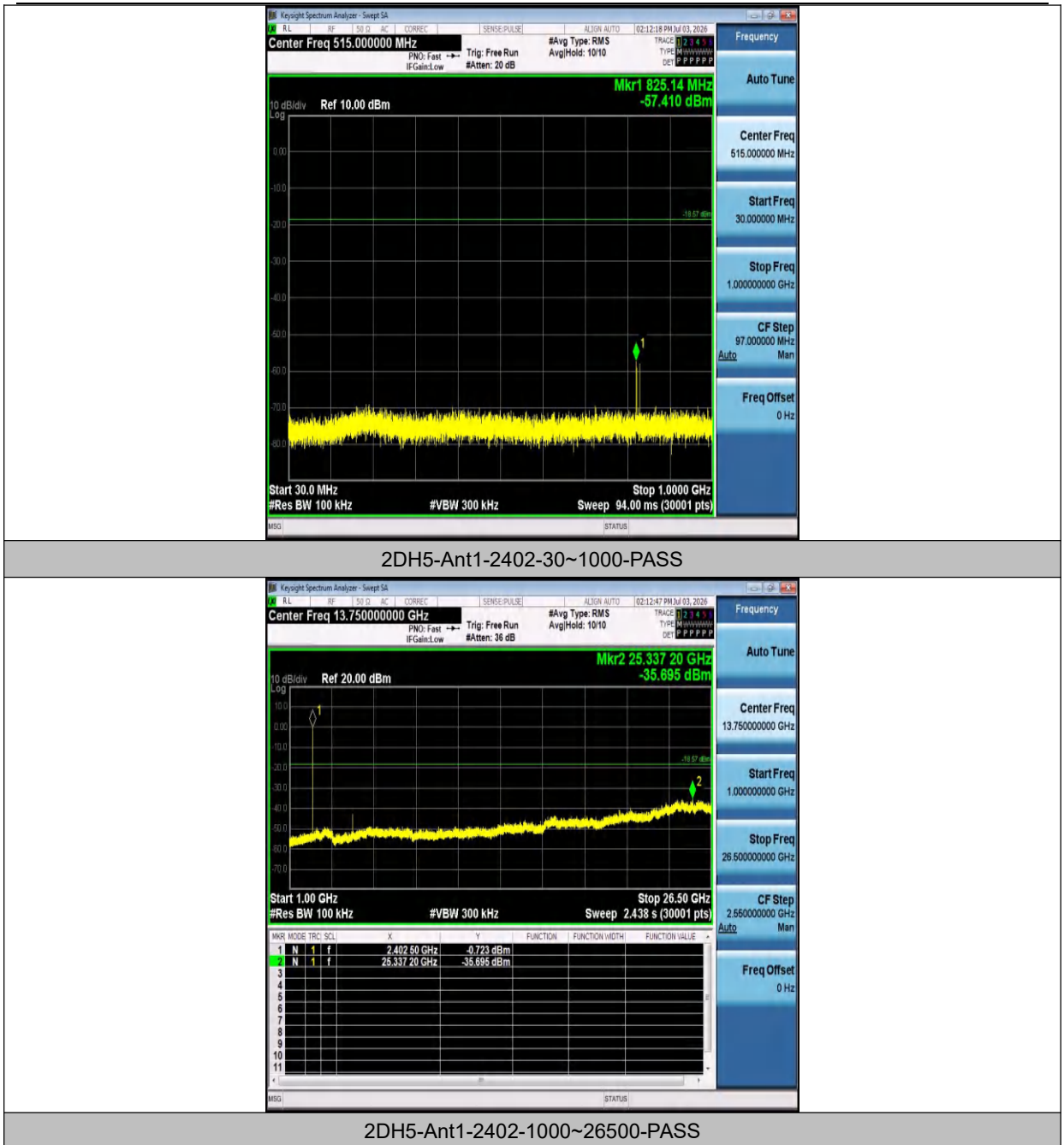
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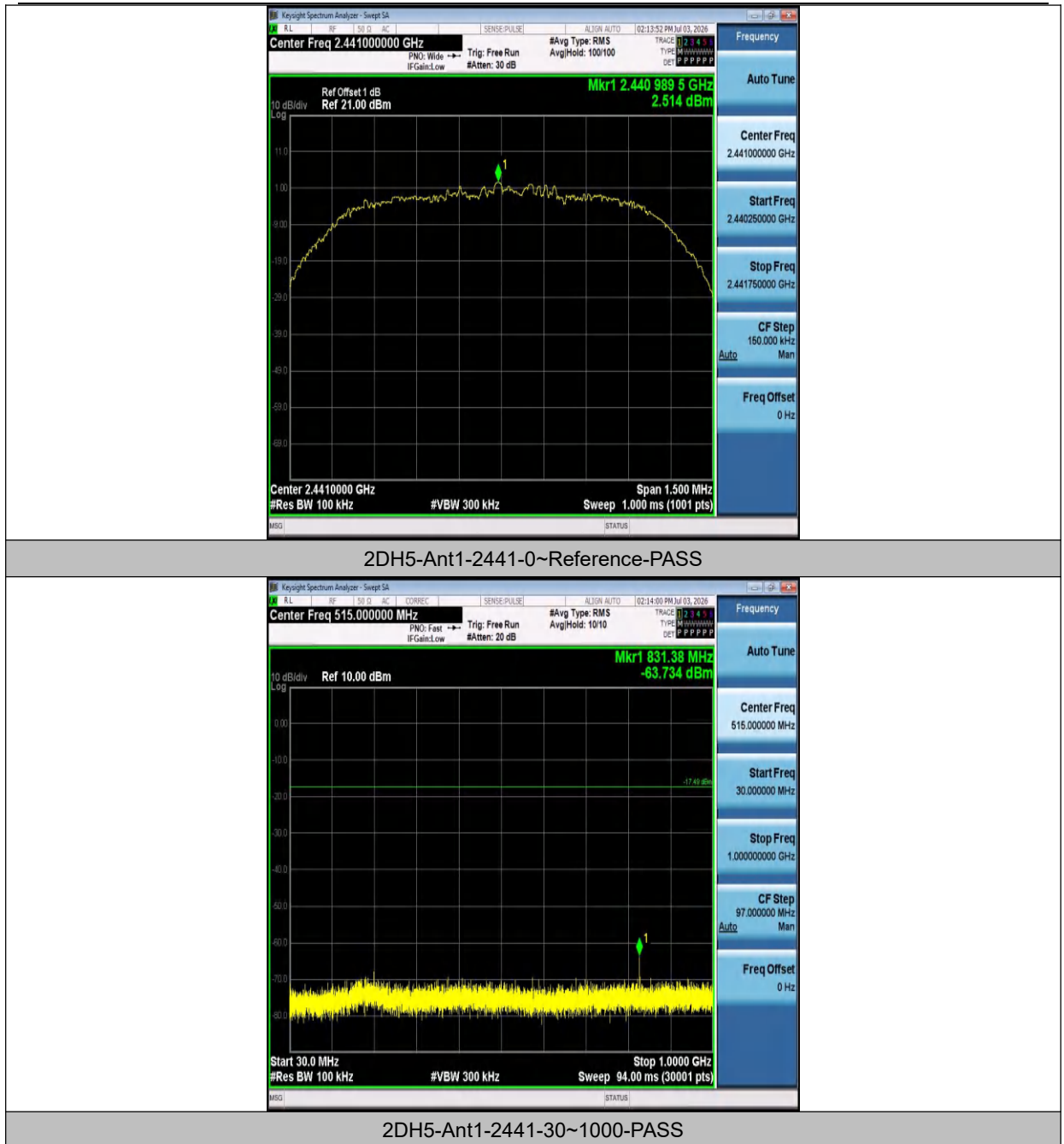
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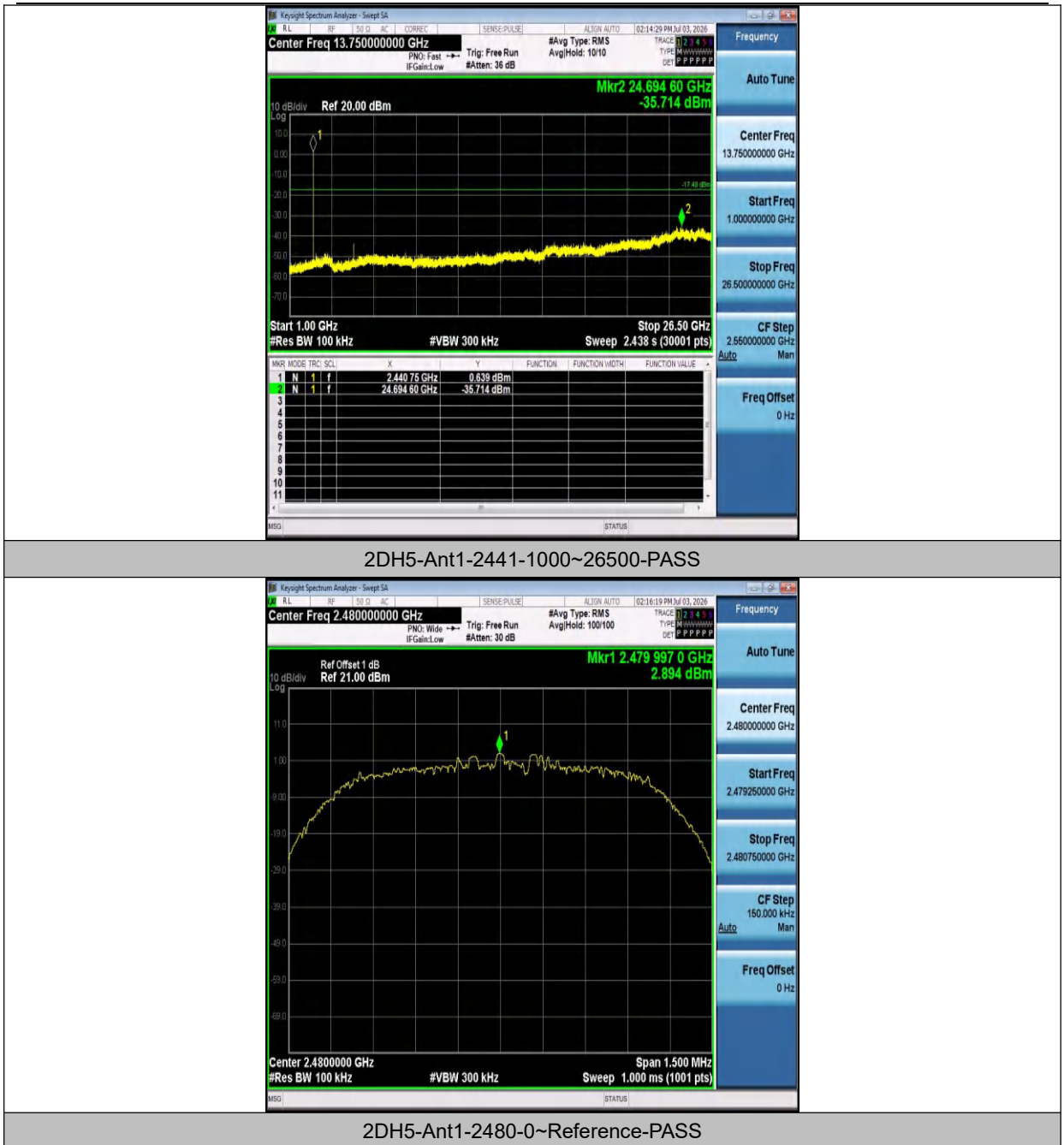
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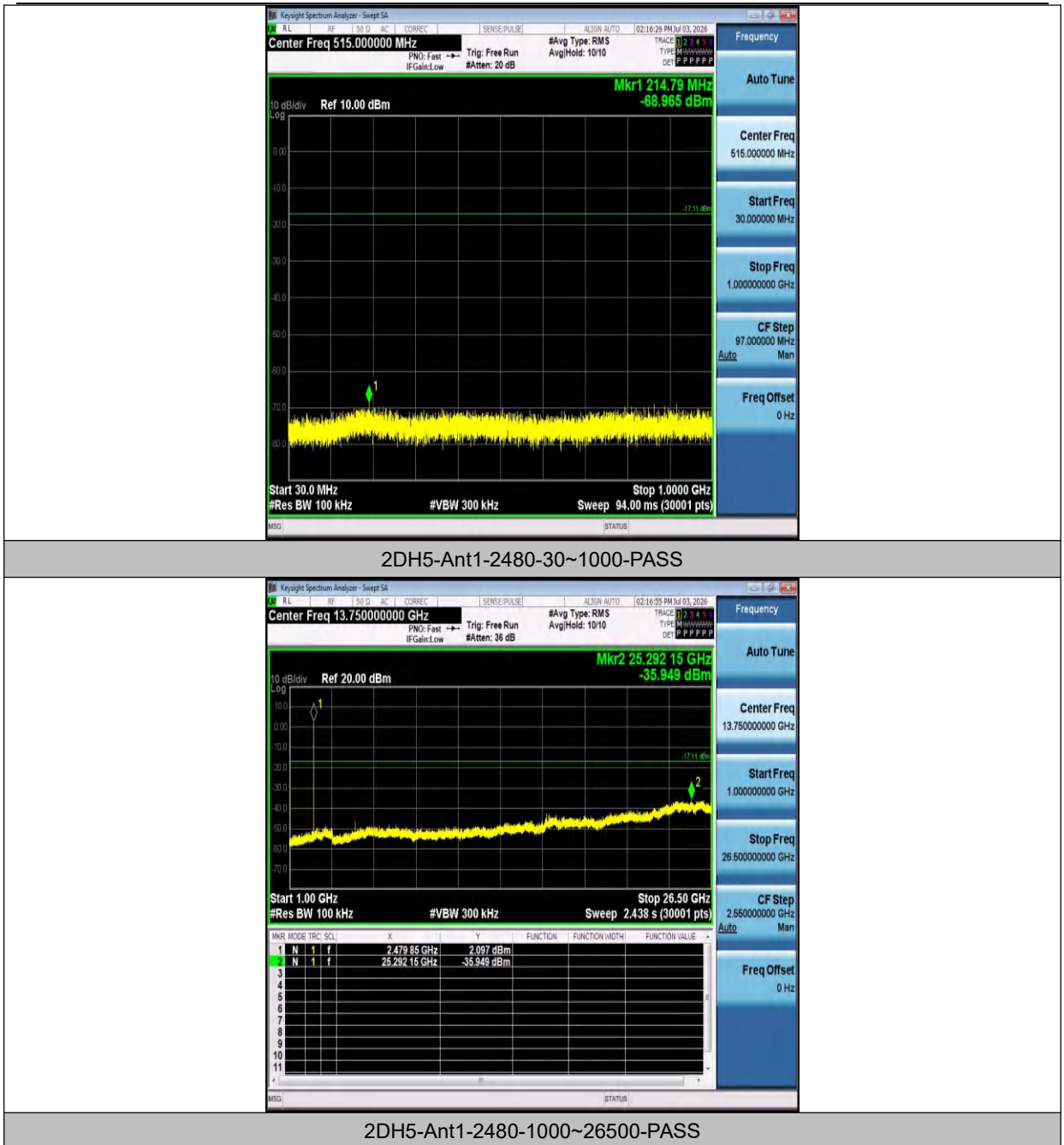
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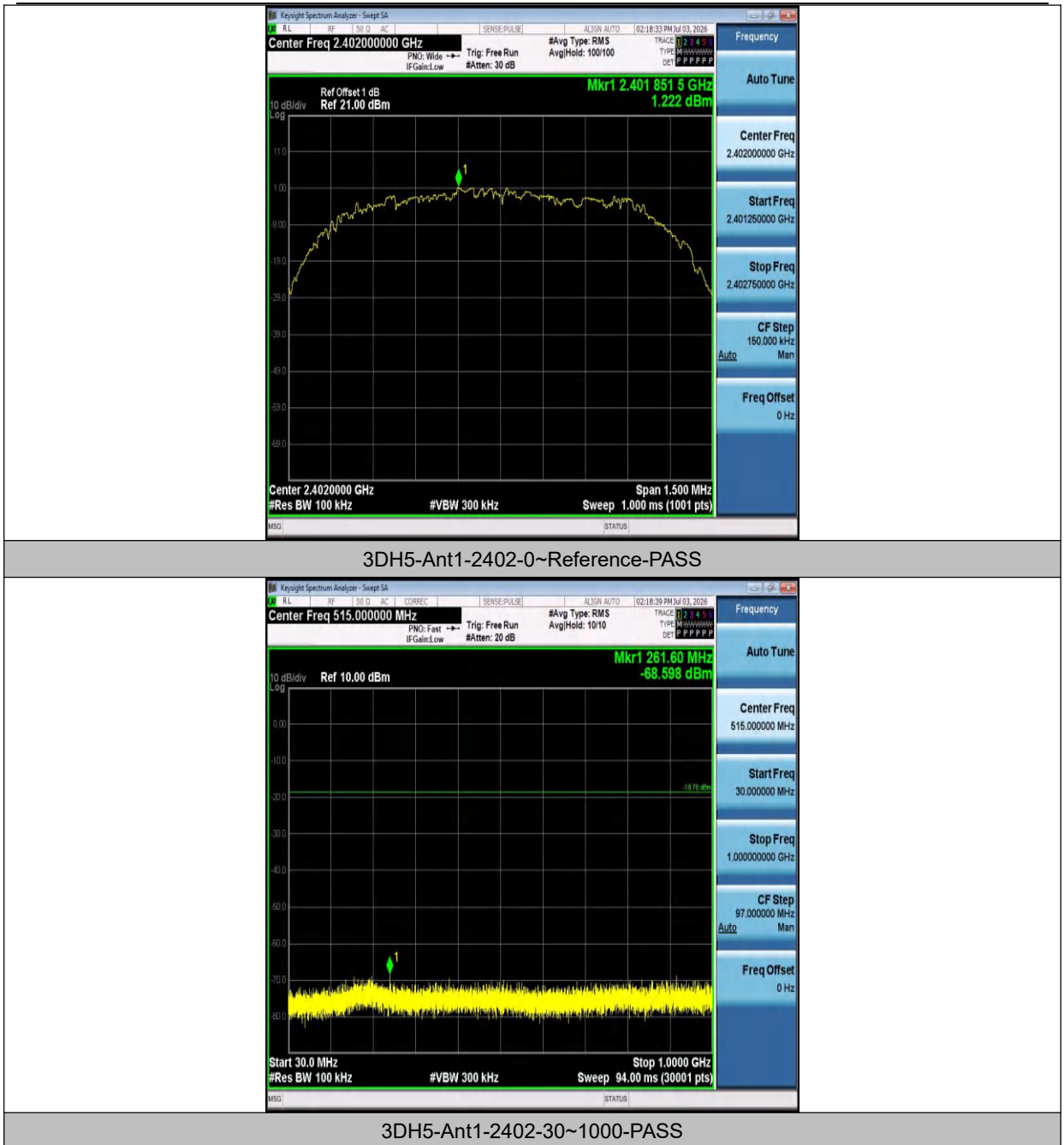
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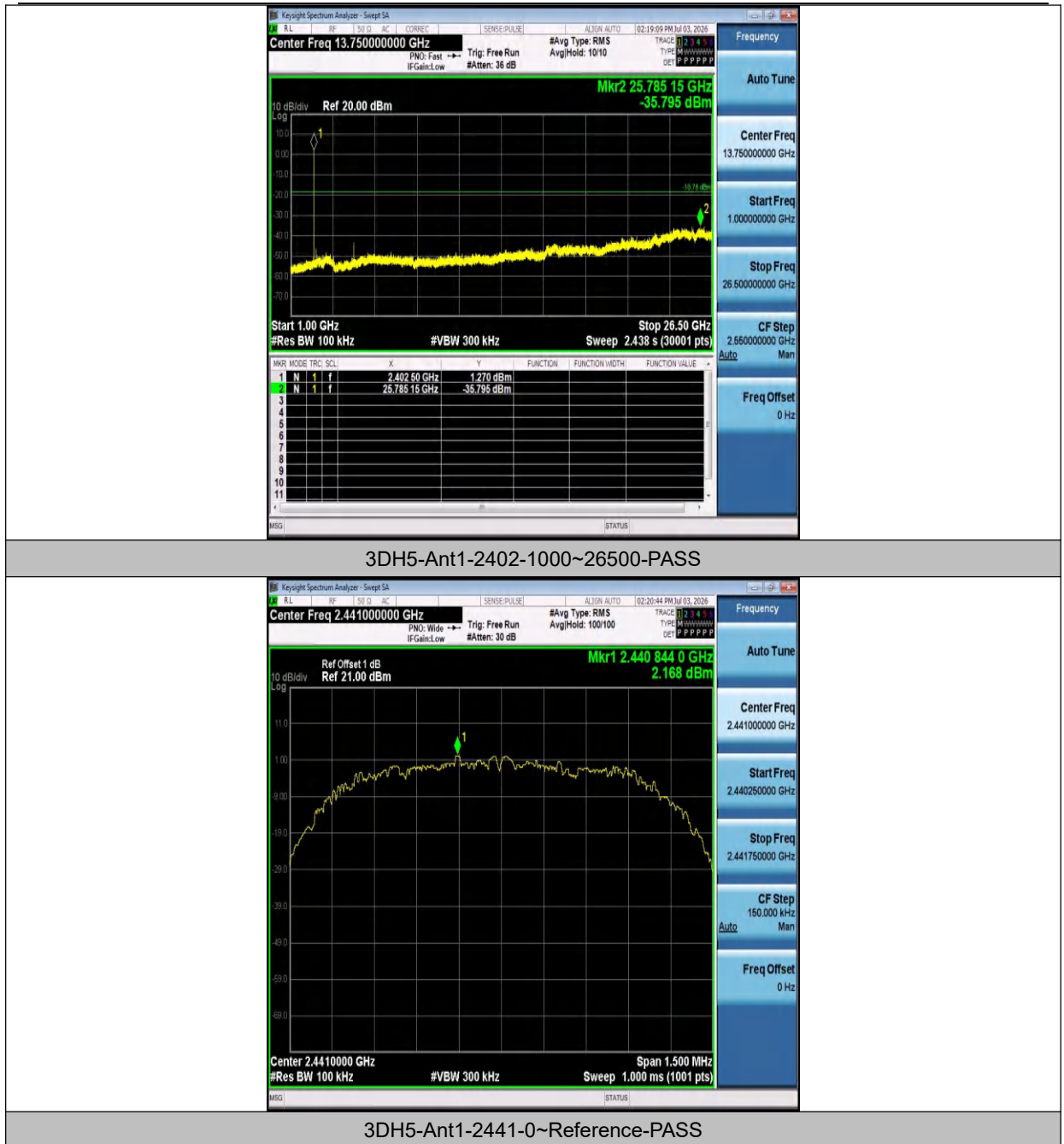
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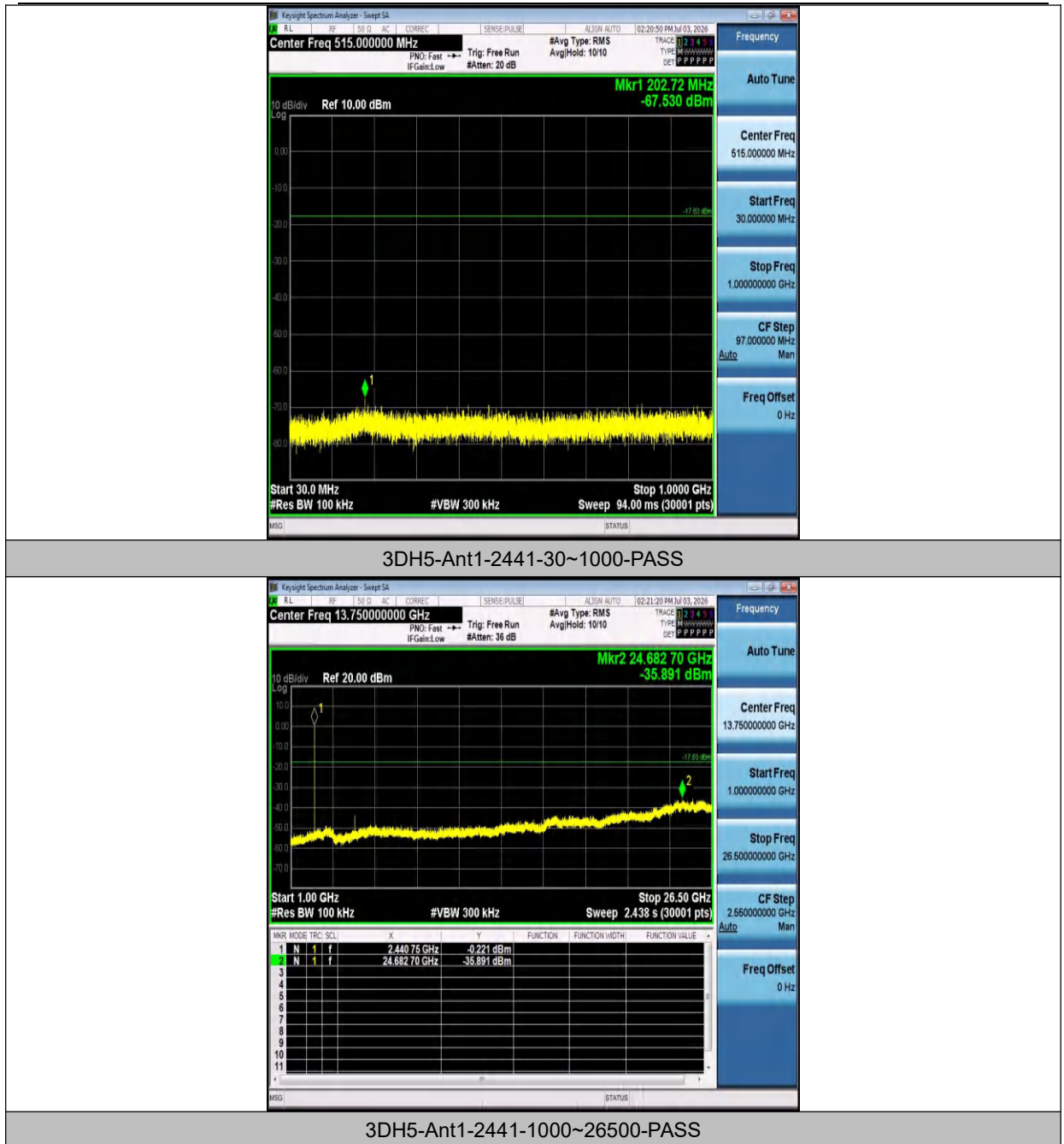
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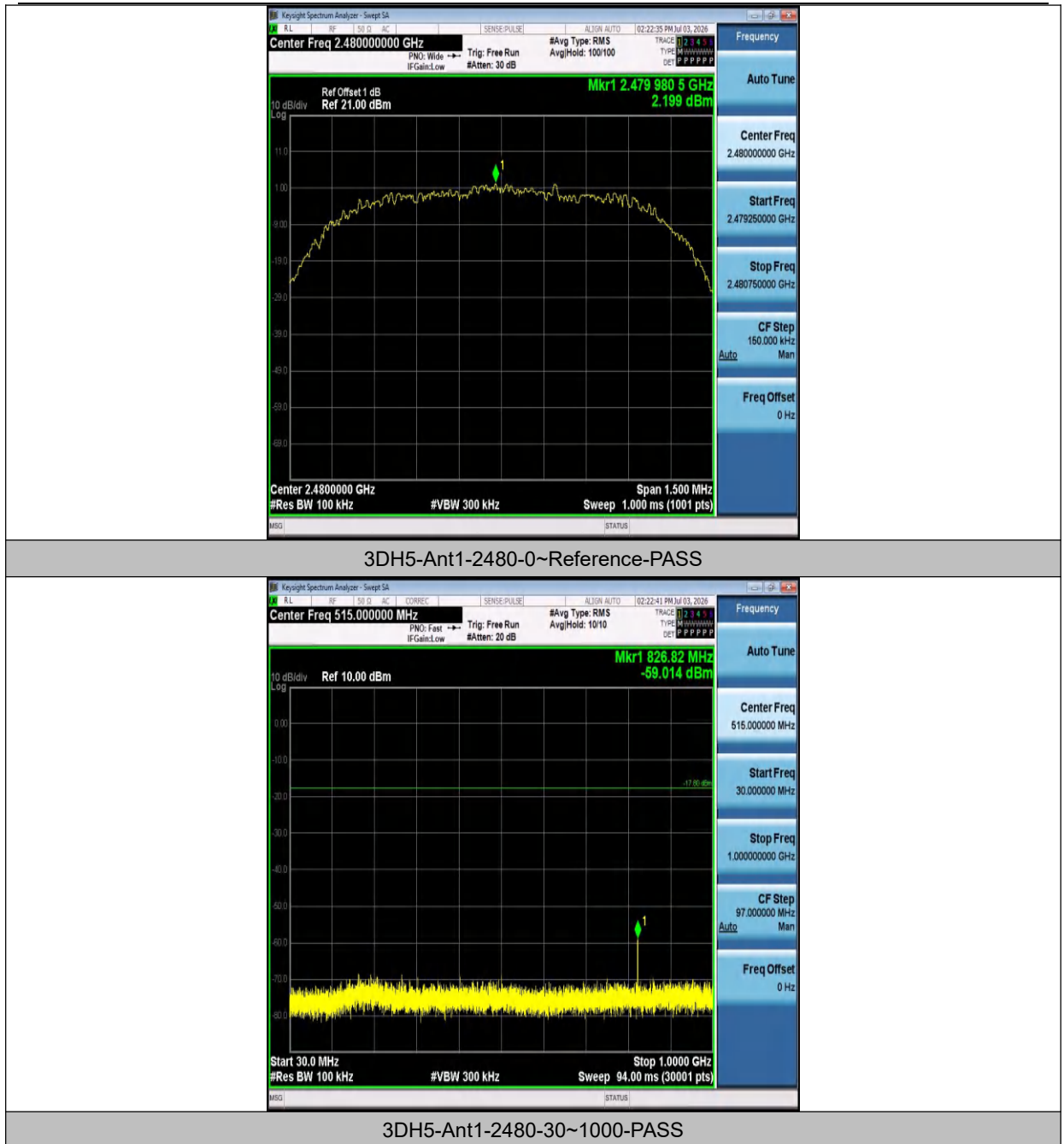
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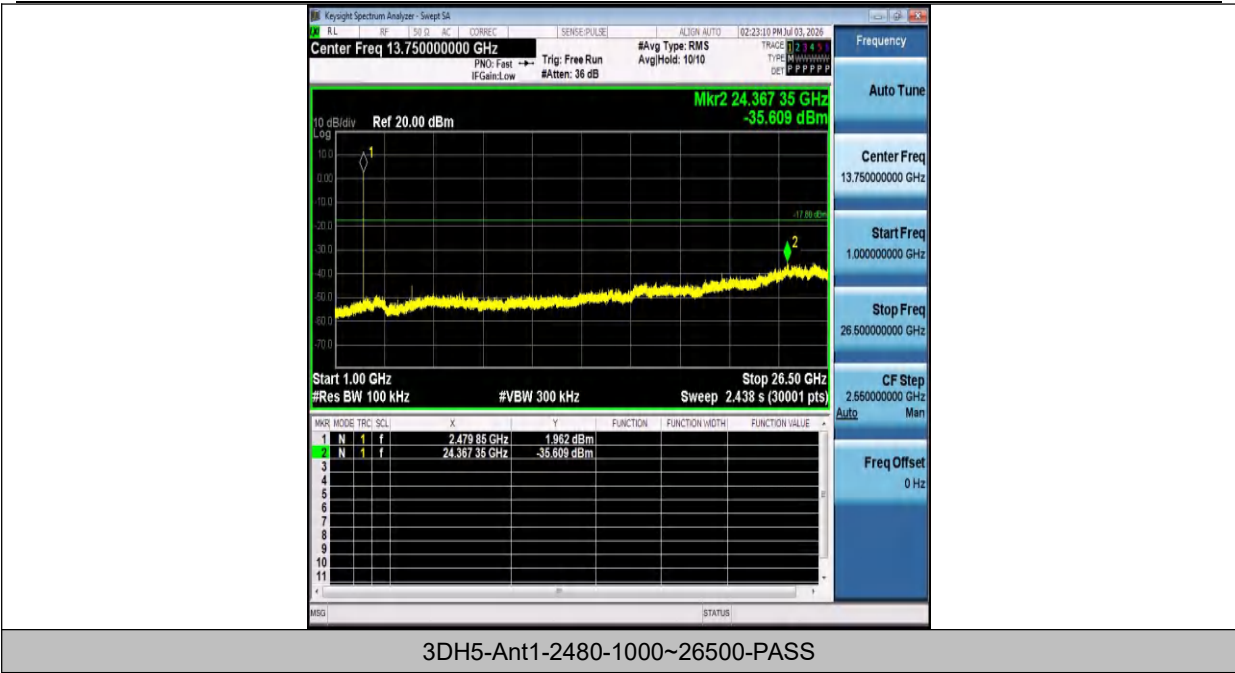
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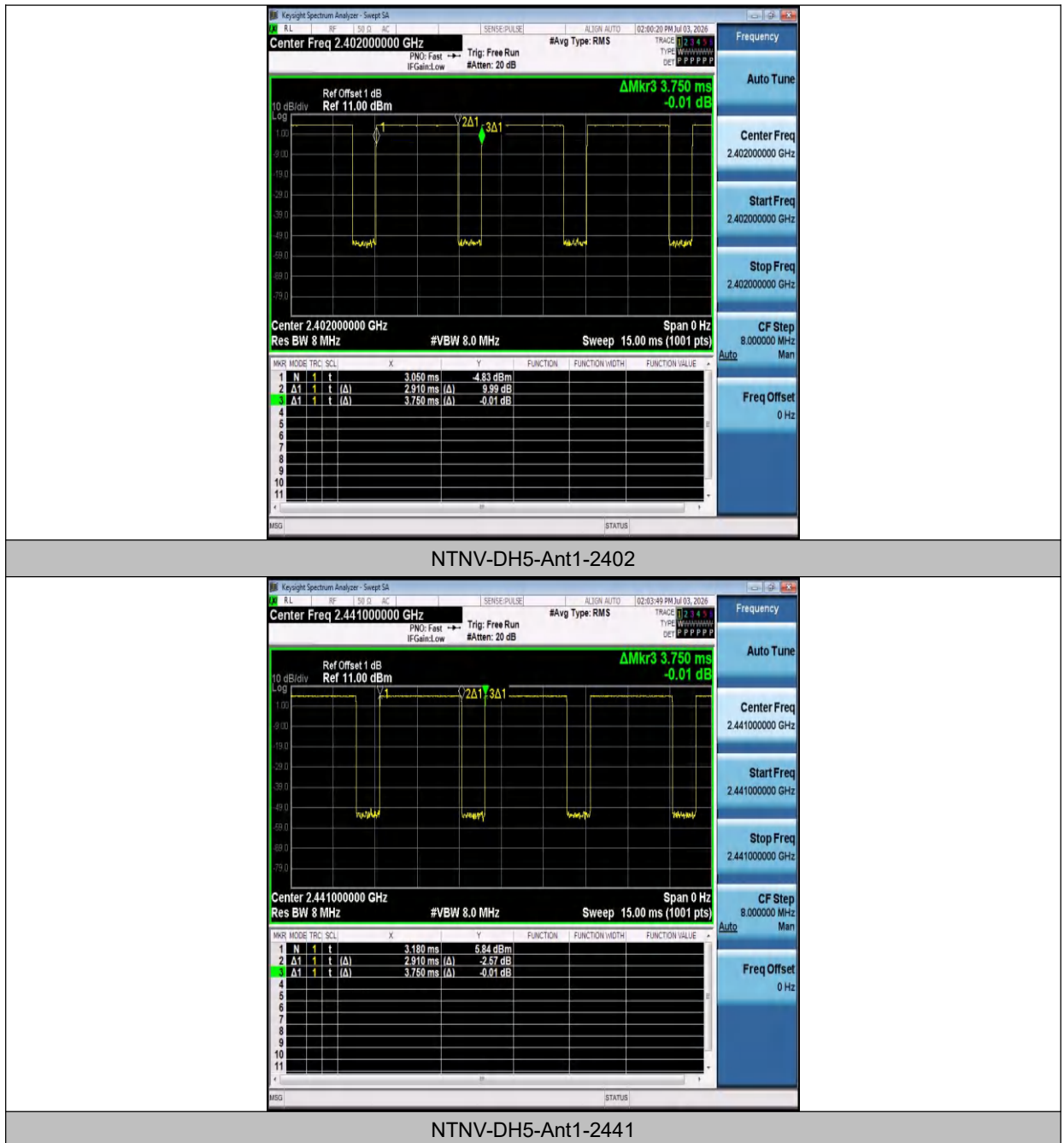
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Appendix I: Duty Cycle

Test Result

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

Test Graphs



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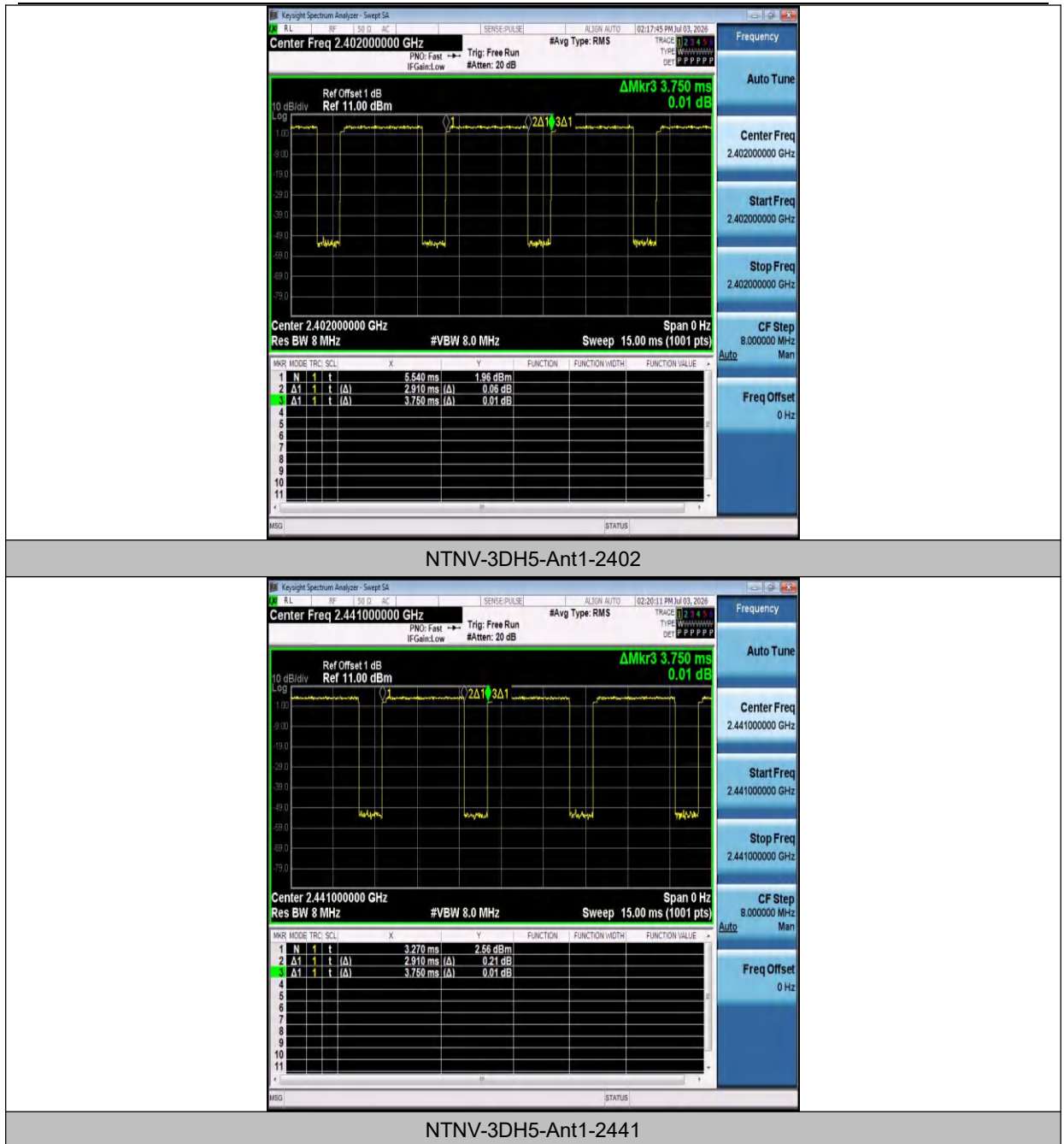


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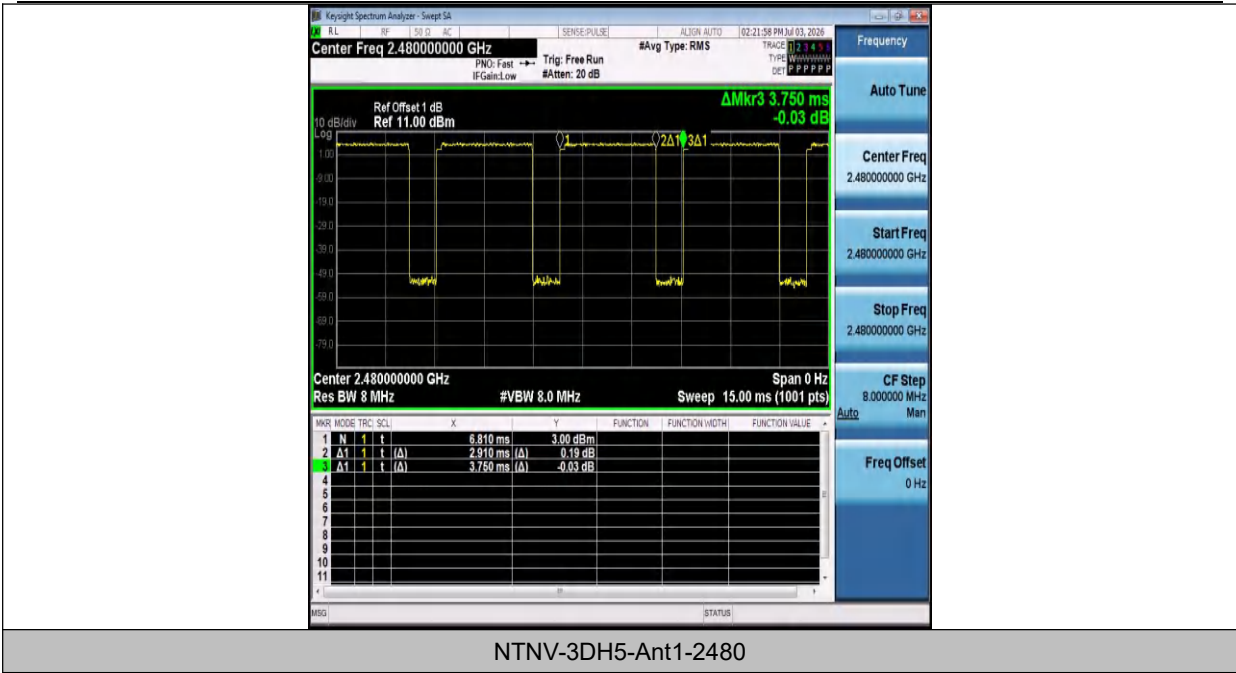




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