

Appendix Test Data

Report No.:	1819C60088112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-28	Finish Test Date:	2026-8-27
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24°C	Relative Humidity:	53%
Pressure:	99.4kPa		



Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.532	2402.495	---	---
DH5	Ant1	2441	0.972	2440.523	2441.495	---	---
DH5	Ant1	2480	0.954	2479.532	2480.486	---	---
2DH5	Ant1	2402	1.329	2401.337	2402.666	---	---
2DH5	Ant1	2441	1.335	2440.334	2441.669	---	---
2DH5	Ant1	2480	1.326	2479.337	2480.663	---	---
3DH5	Ant1	2402	1.329	2401.322	2402.651	---	---
3DH5	Ant1	2441	1.347	2440.322	2441.669	---	---
3DH5	Ant1	2480	1.338	2479.337	2480.675	---	---

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	0.89838	2401.5542	2402.4526	---	---
DH5	Ant1	2441	0.88760	2440.5584	2441.4460	---	---
DH5	Ant1	2480	0.89163	2479.5548	2480.4464	---	---
2DH5	Ant1	2402	1.1840	2401.4115	2402.5955	---	---
2DH5	Ant1	2441	1.1866	2440.4033	2441.5899	---	---
2DH5	Ant1	2480	1.2011	2479.3999	2480.6010	---	---
3DH5	Ant1	2402	1.2042	2401.3897	2402.5939	---	---
3DH5	Ant1	2441	1.2009	2440.3945	2441.5954	---	---
3DH5	Ant1	2480	1.1922	2479.4018	2480.5940	---	---

Test Graphs



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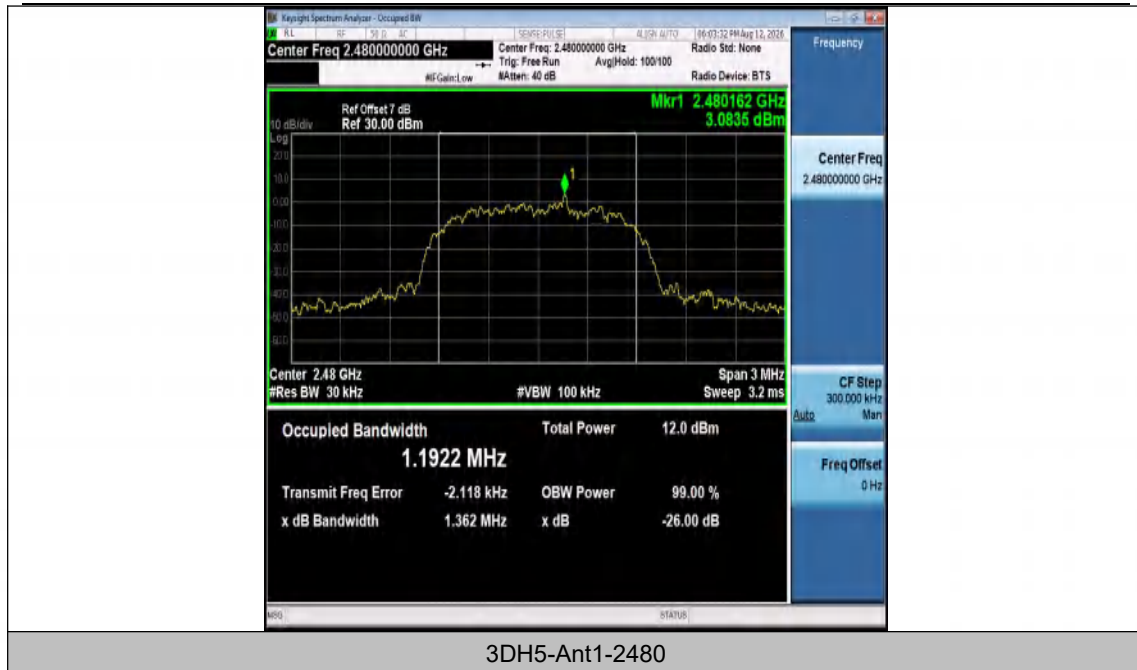
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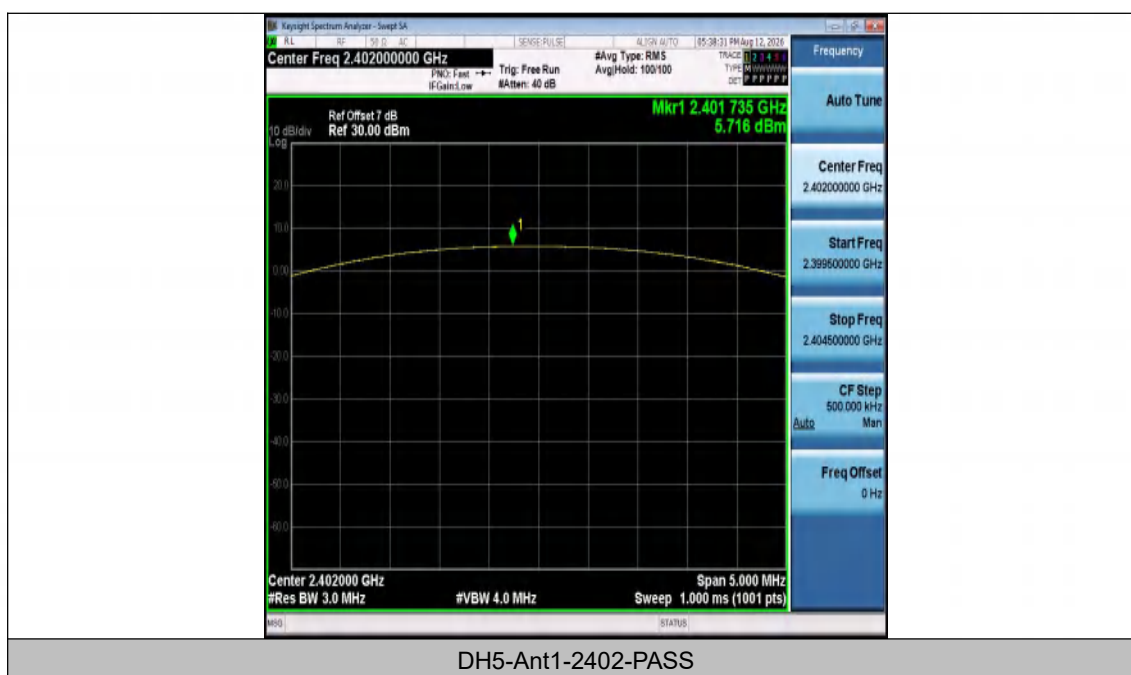
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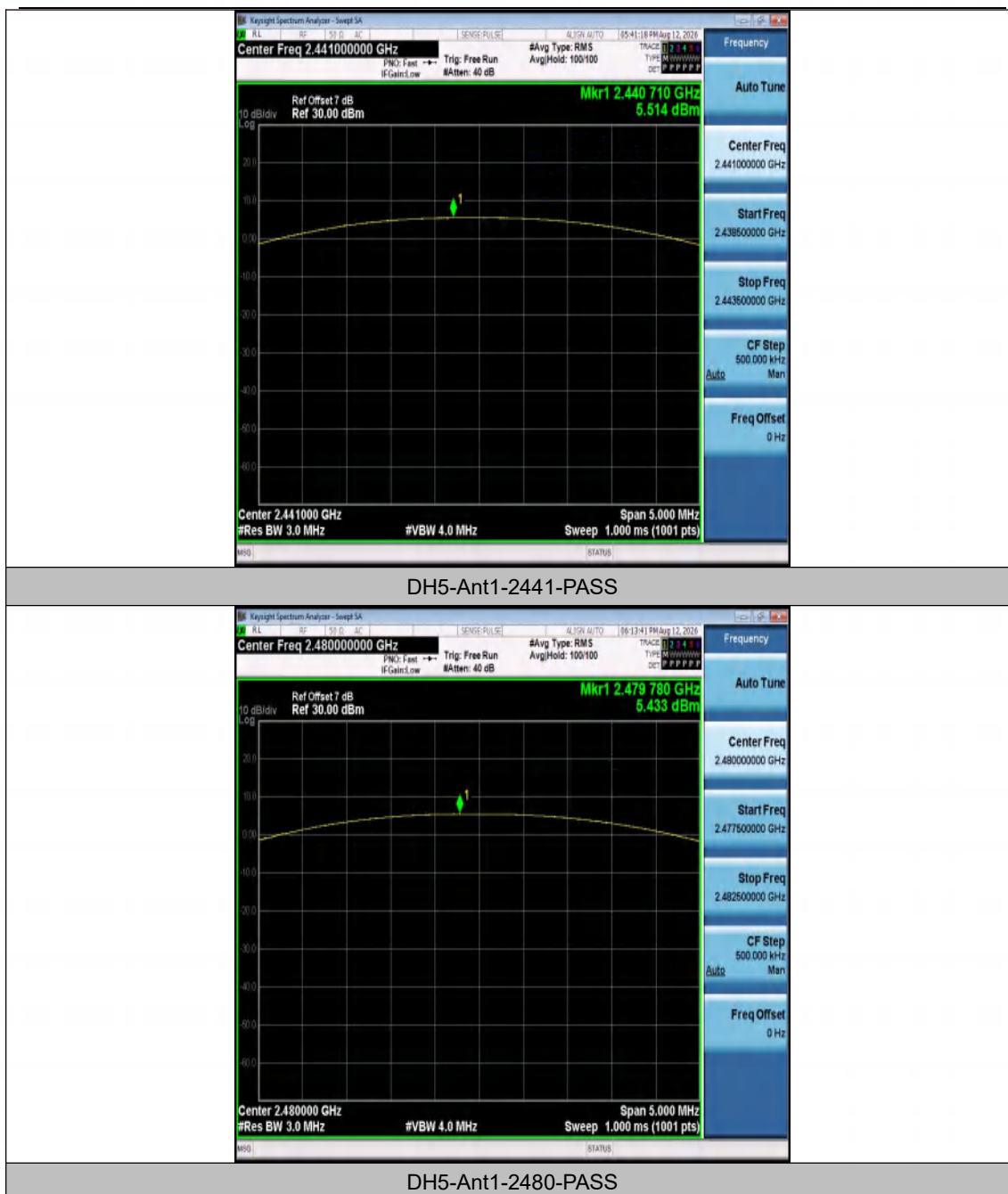
Appendix C: Maximum Conducted Output Power

Test Result Peak-Left

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	5.72	≤20.97	PASS
DH5	Ant1	2441	5.51	≤20.97	PASS
DH5	Ant1	2480	5.43	≤20.97	PASS
2DH5	Ant1	2402	8.20	≤20.97	PASS
2DH5	Ant1	2441	7.99	≤20.97	PASS
2DH5	Ant1	2480	7.79	≤20.97	PASS
3DH5	Ant1	2402	8.72	≤20.97	PASS
3DH5	Ant1	2441	8.57	≤20.97	PASS
3DH5	Ant1	2480	8.54	≤20.97	PASS

Test Graphs-Left

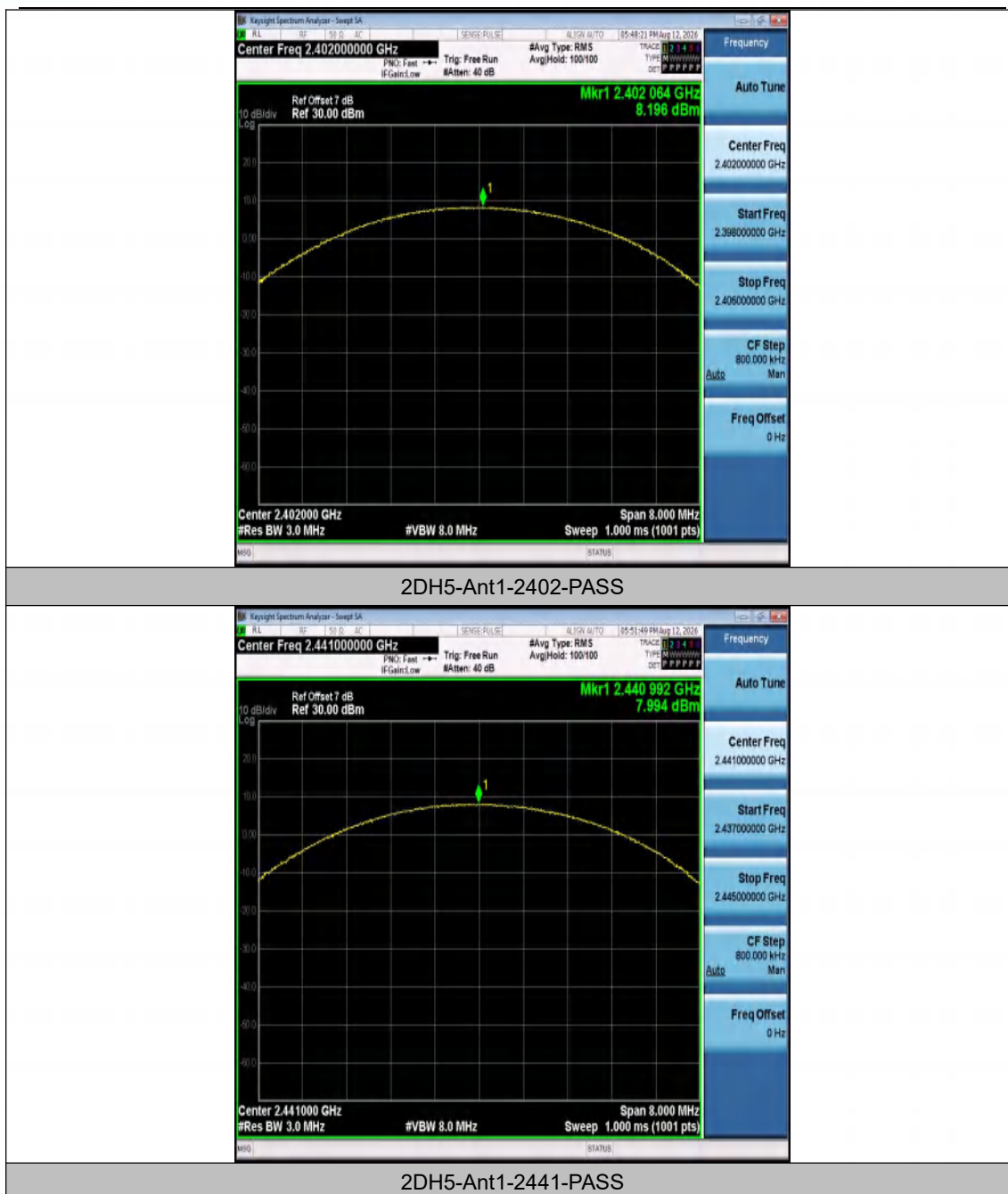




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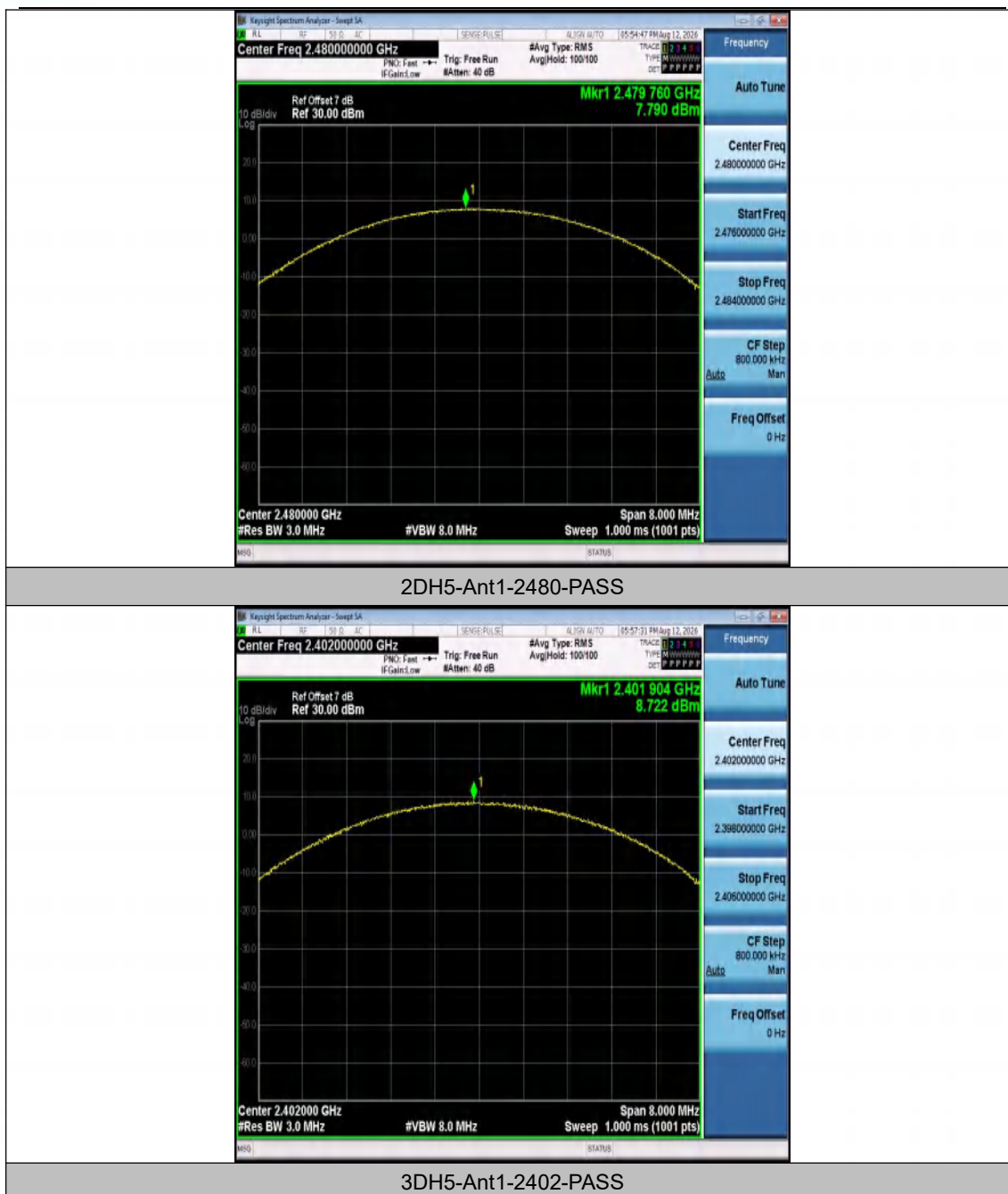
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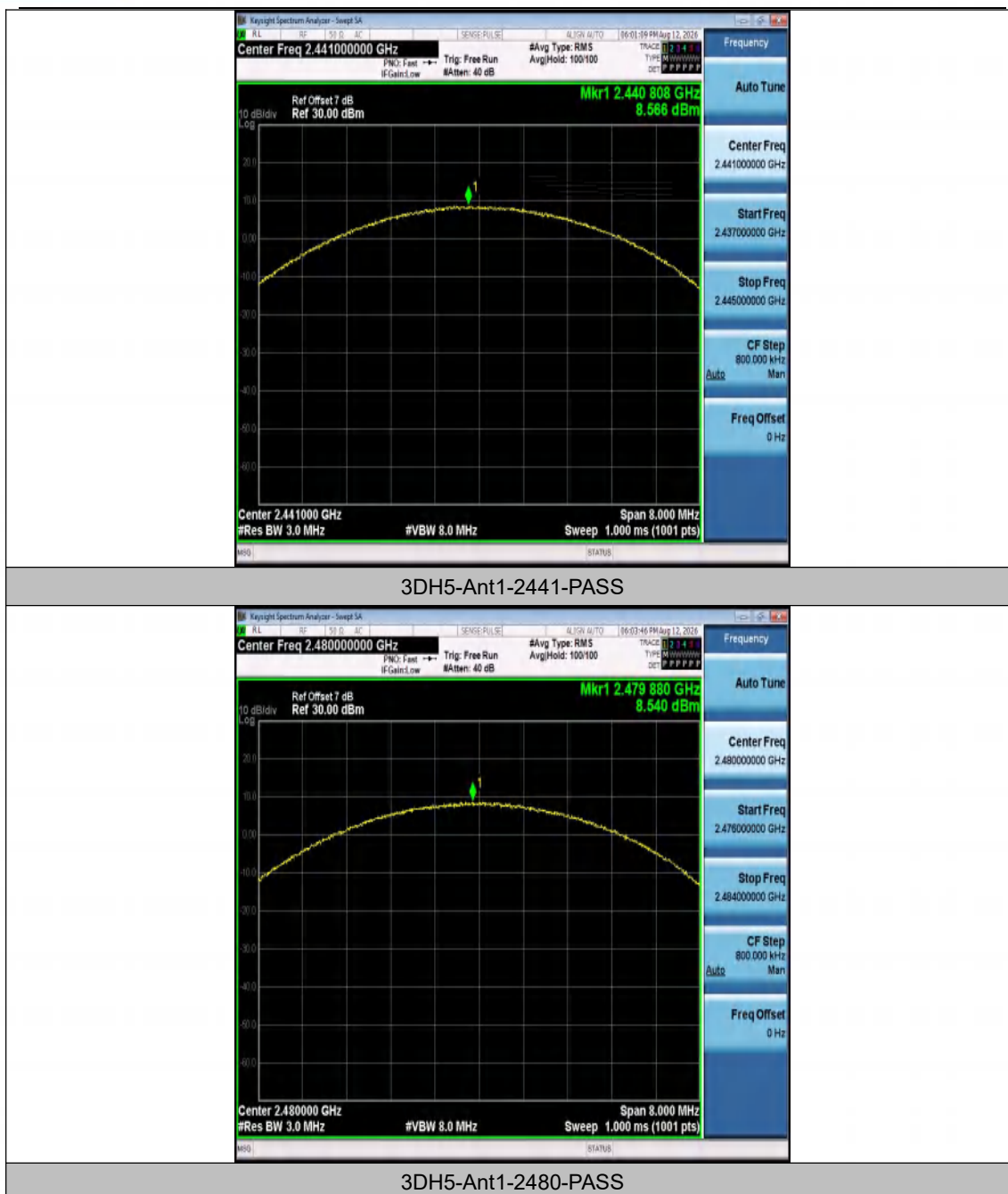


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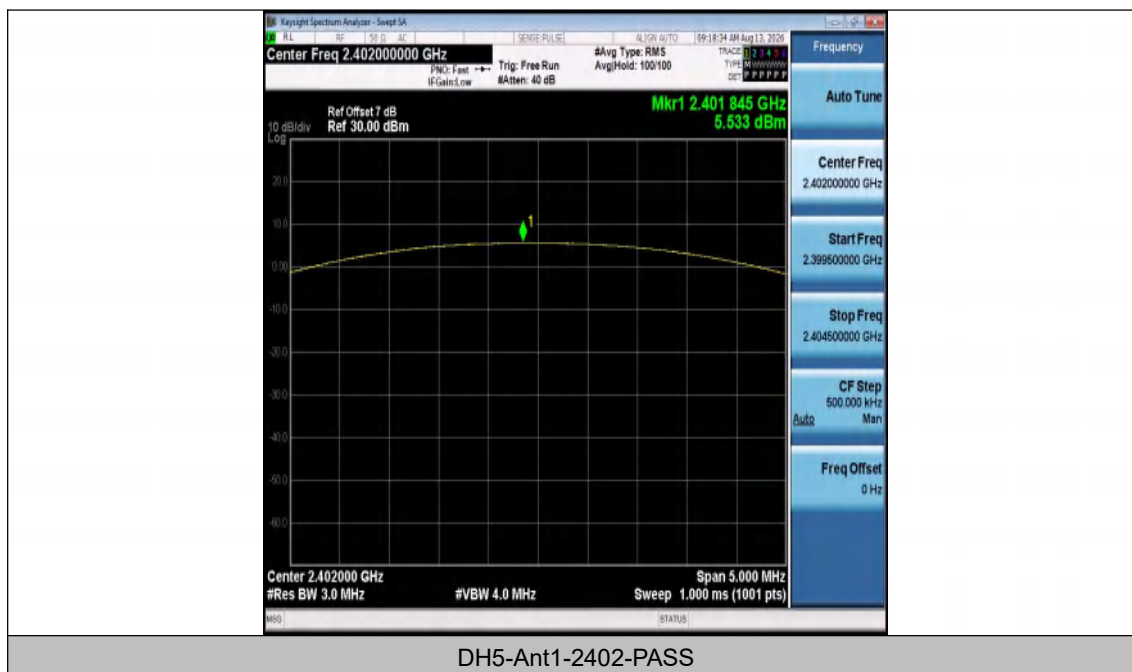
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Test Result Peak-Right

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	5.53	≤20.97	PASS
DH5	Ant1	2441	5.37	≤20.97	PASS
DH5	Ant1	2480	5.23	≤20.97	PASS
2DH5	Ant1	2402	8.07	≤20.97	PASS
2DH5	Ant1	2441	7.69	≤20.97	PASS
2DH5	Ant1	2480	7.62	≤20.97	PASS
3DH5	Ant1	2402	8.64	≤20.97	PASS
3DH5	Ant1	2441	8.36	≤20.97	PASS
3DH5	Ant1	2480	8.20	≤20.97	PASS

Test Graphs-Right

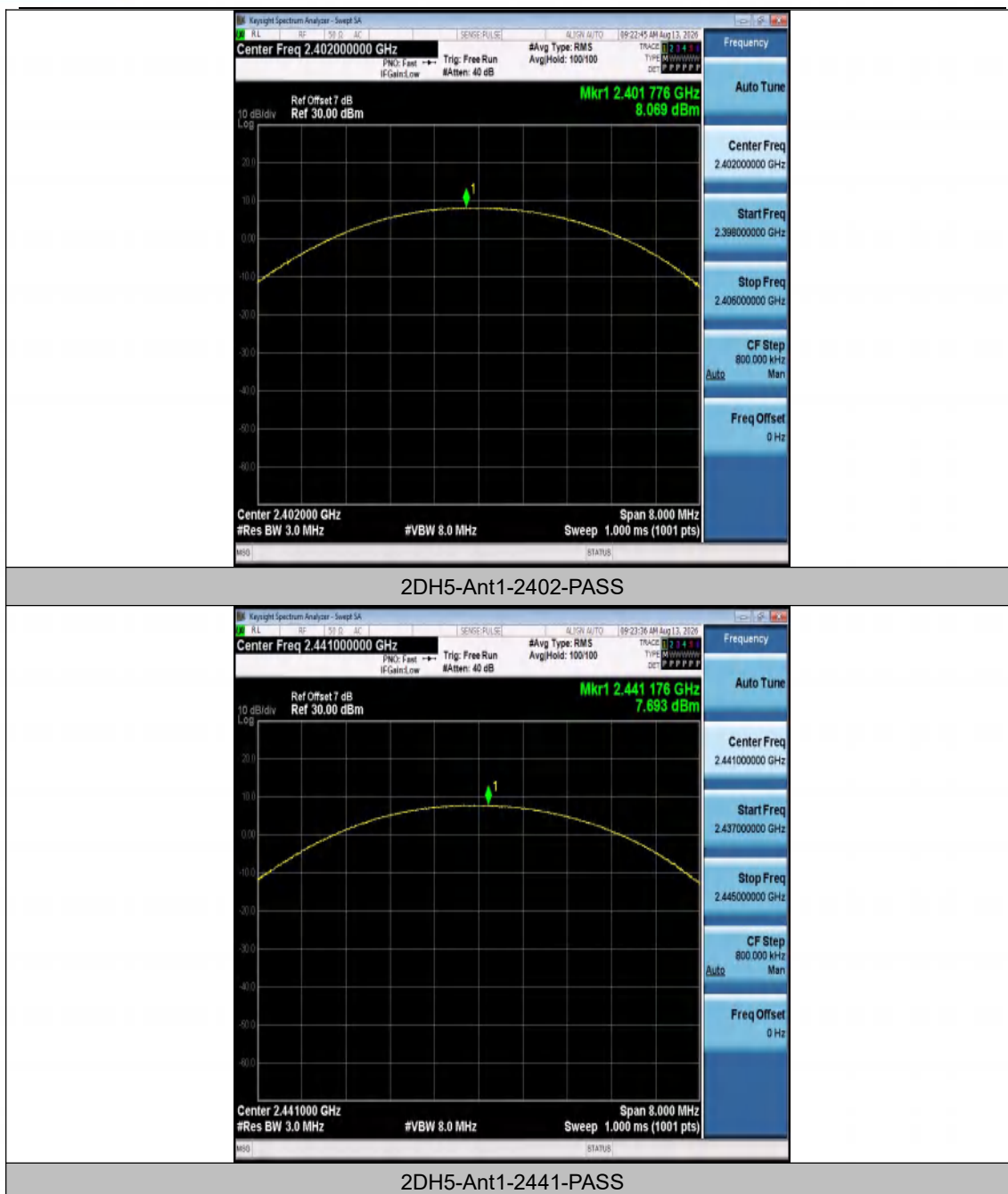




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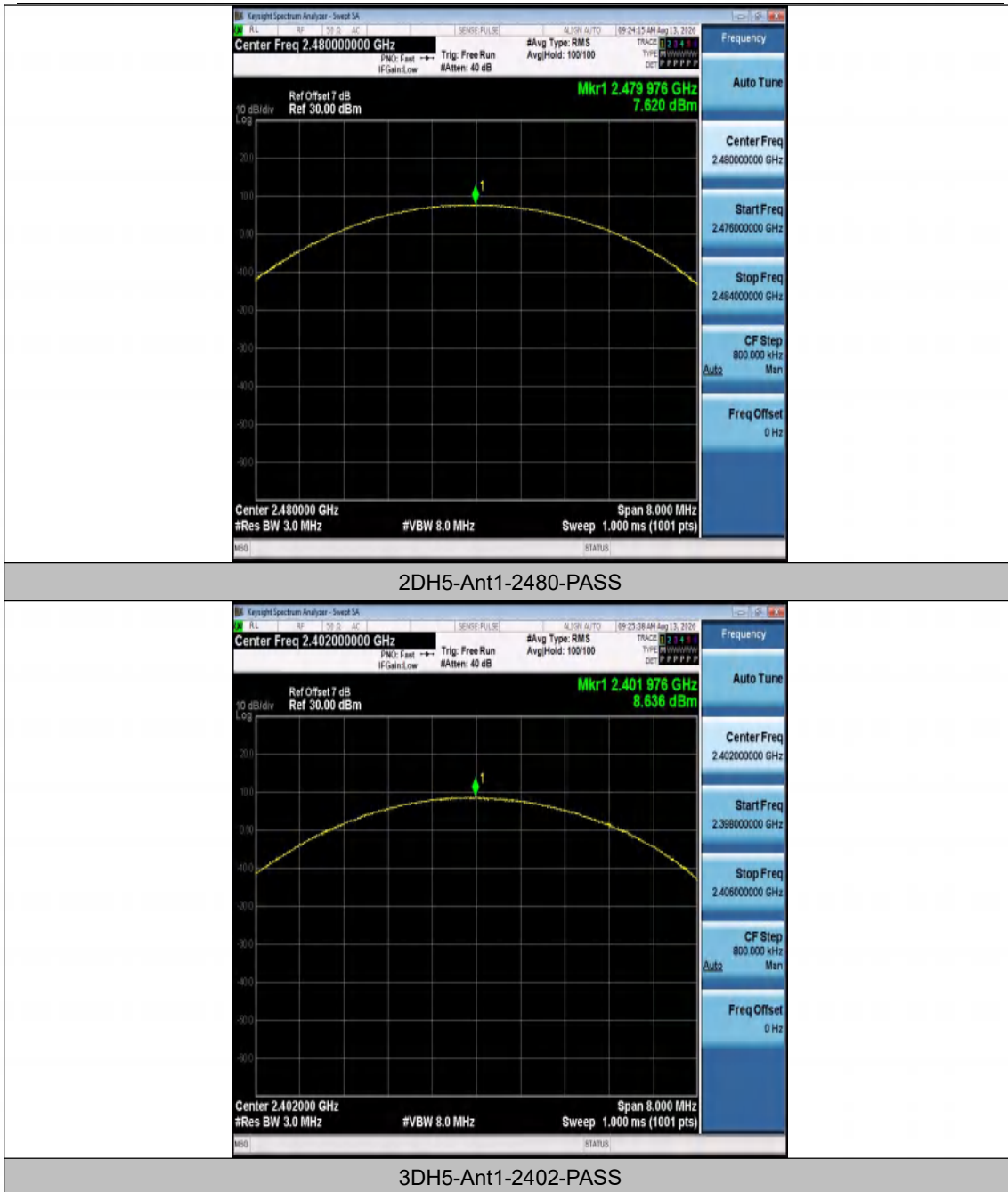
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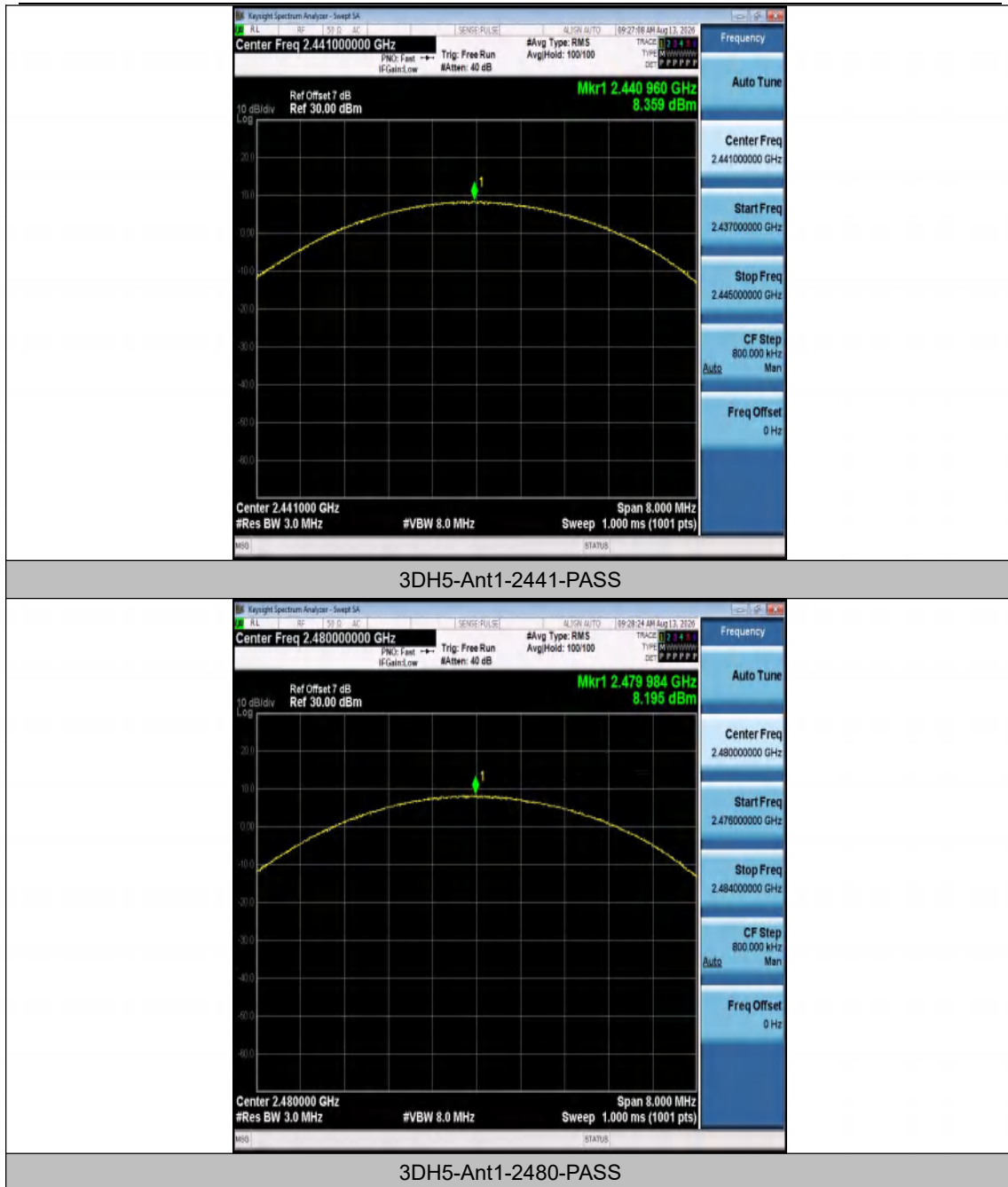
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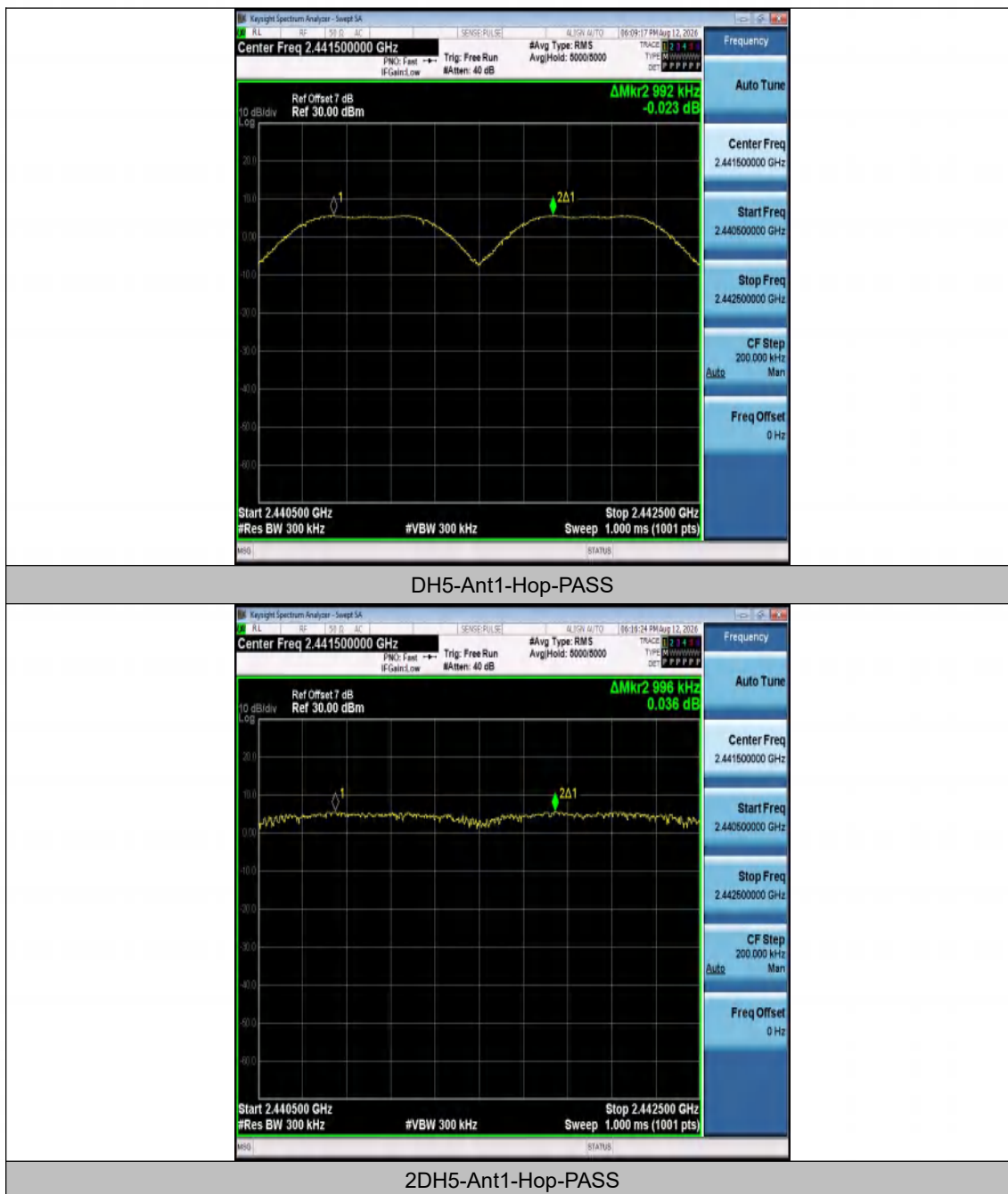
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.992	≥ 0.648	PASS
2DH5	Ant1	Hop	0.996	≥ 0.890	PASS
3DH5	Ant1	Hop	1.032	≥ 0.898	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.

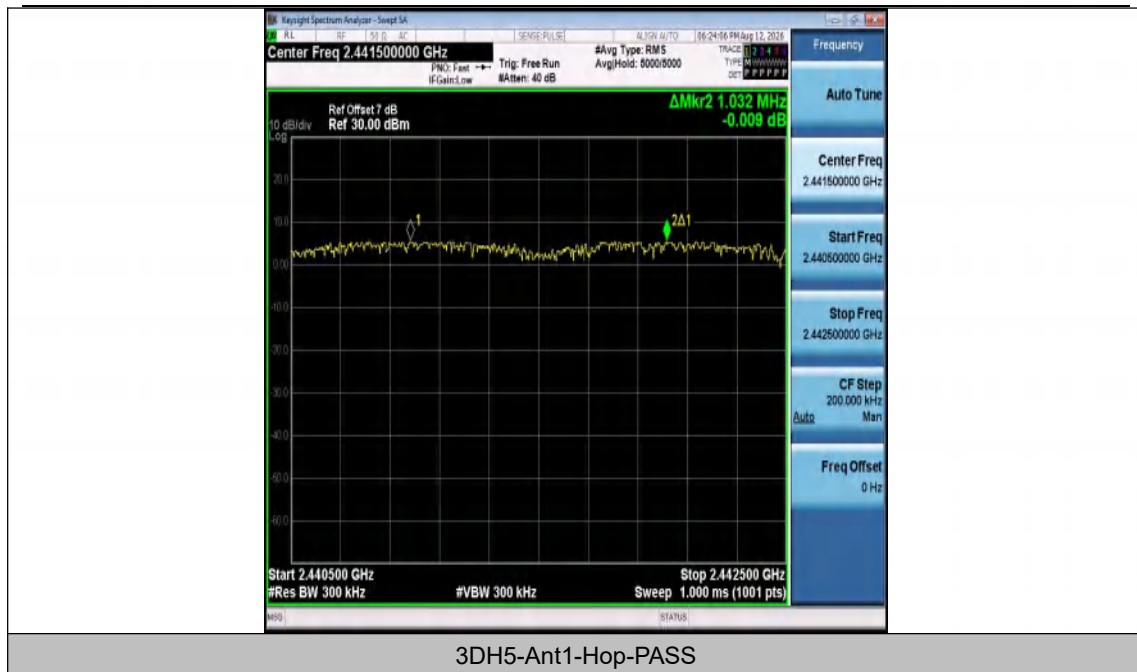
Test Graphs



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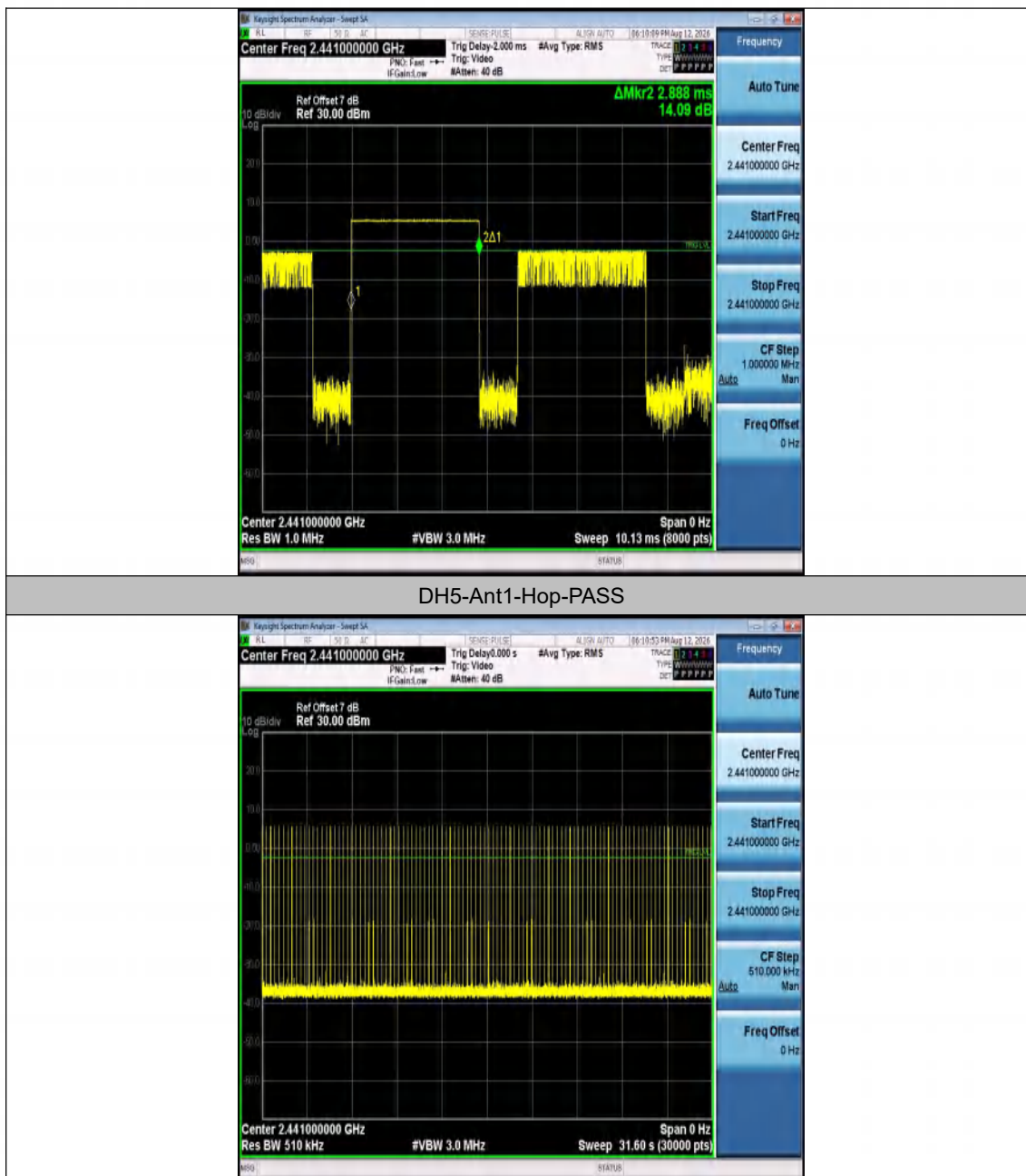


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.888	106	0.306	≤0.4	PASS
2DH5	Ant1	Hop	2.887	106	0.306	≤0.4	PASS
3DH5	Ant1	Hop	2.888	106	0.306	≤0.4	PASS

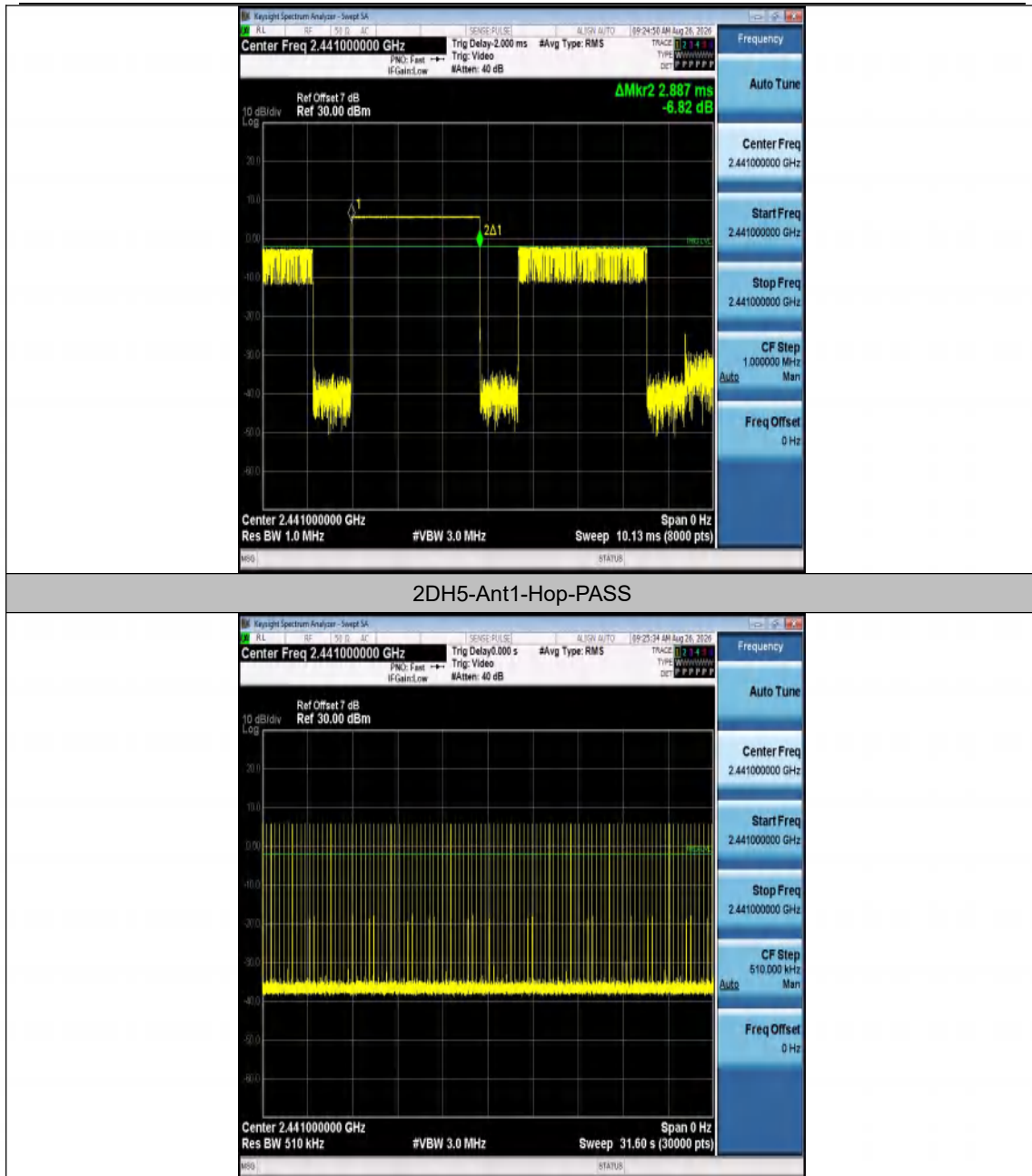
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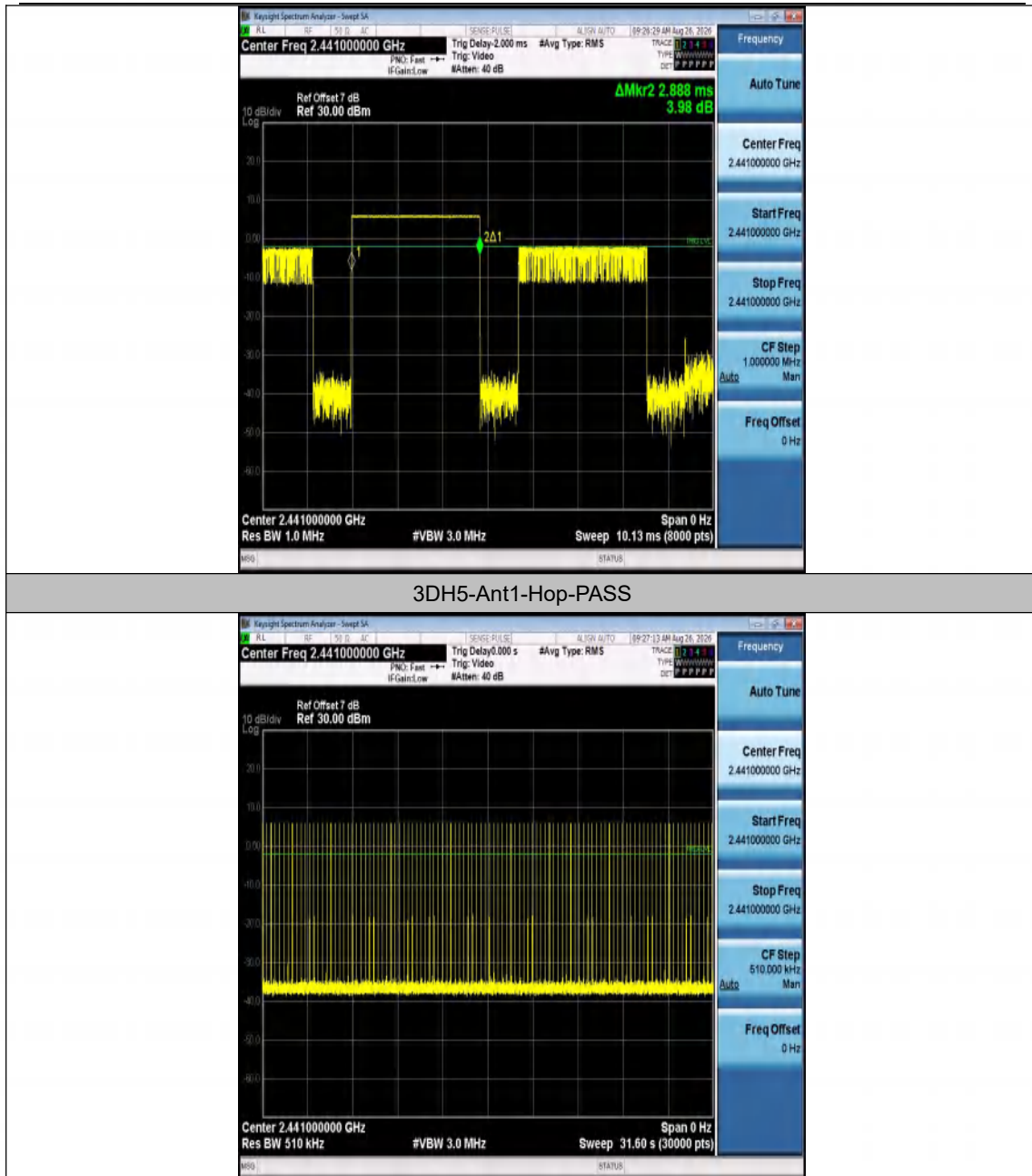
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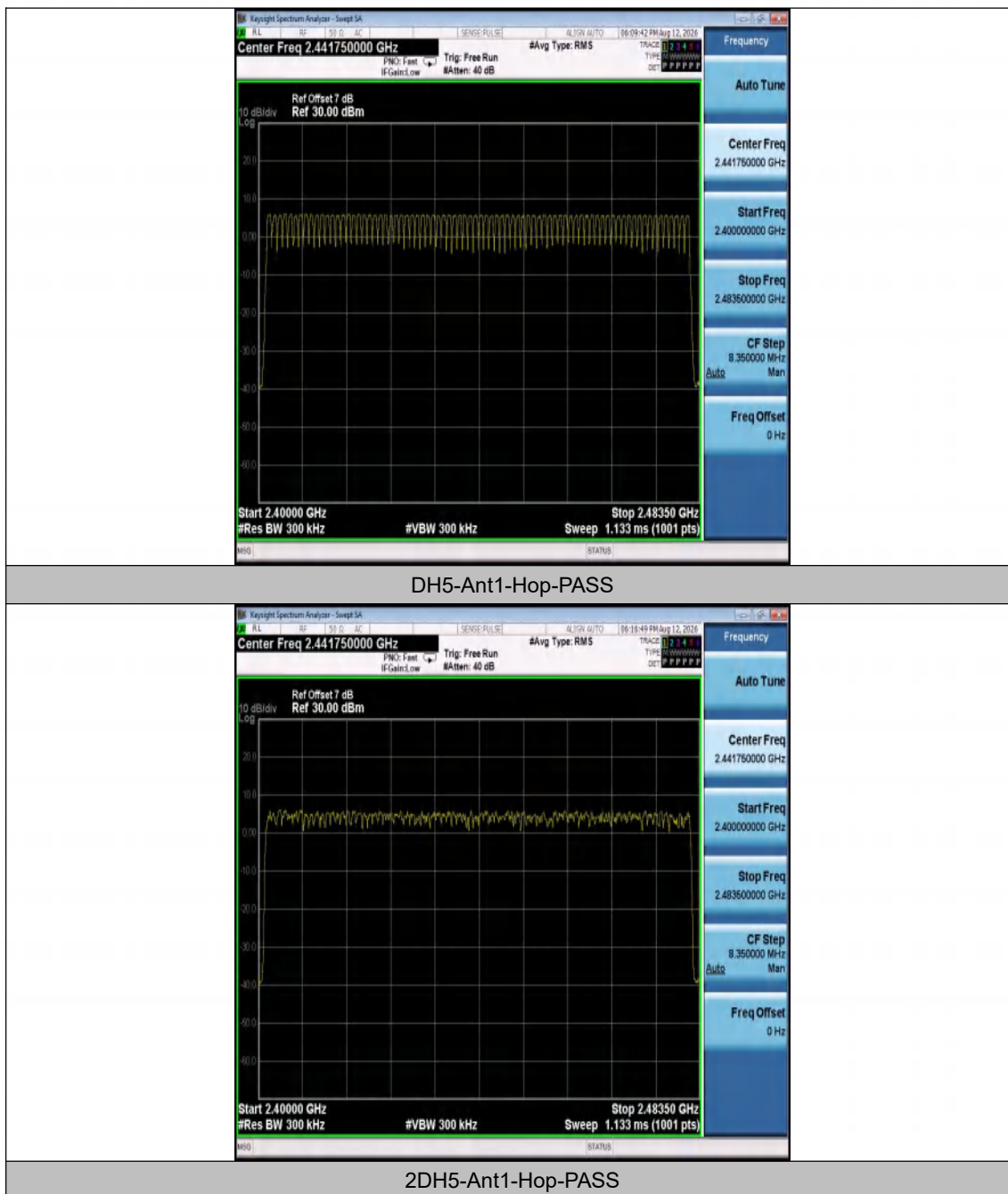
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Appendix F: Number of Hopping Channel

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

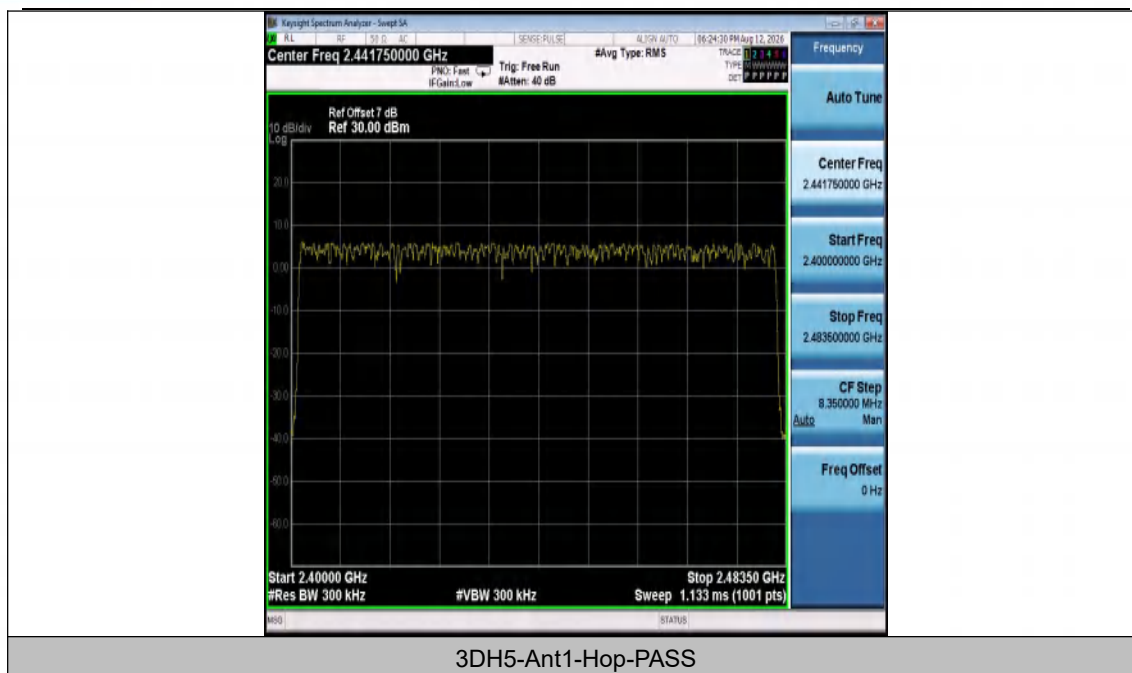
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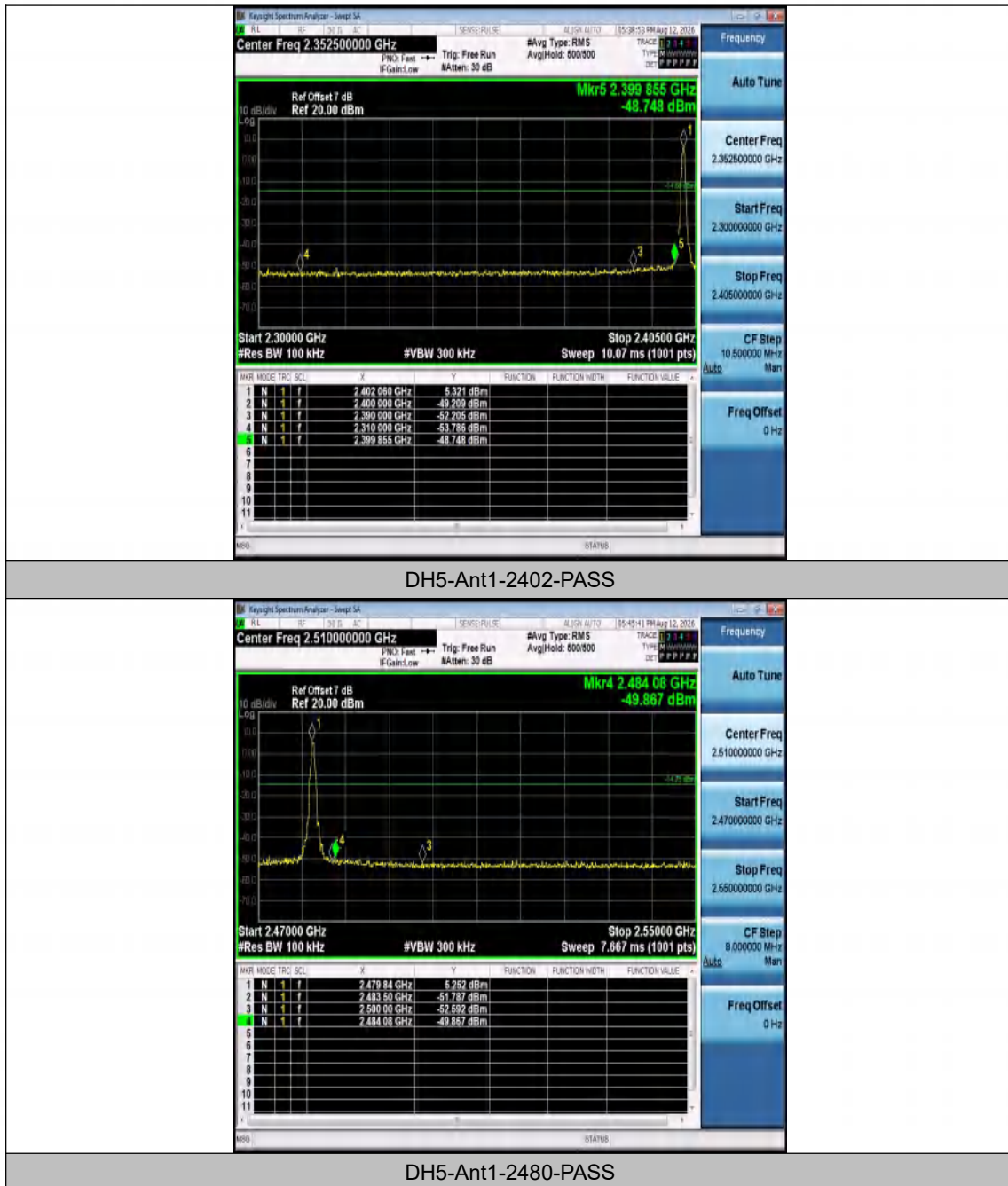
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.32	-48.75	≤-14.68	PASS
DH5	Ant1	High	2480	5.25	-49.87	≤-14.75	PASS
DH5	Ant1	Low	Hop_2402	5.63	-49.59	≤-14.37	PASS
DH5	Ant1	High	Hop_2480	4.98	-50.63	≤-15.02	PASS
2DH5	Ant1	Low	2402	5.38	-45.49	≤-14.62	PASS
2DH5	Ant1	High	2480	5.27	-49.3	≤-14.73	PASS
2DH5	Ant1	Low	Hop_2402	4.84	-49.69	≤-15.16	PASS
2DH5	Ant1	High	Hop_2480	4.86	-50.41	≤-15.14	PASS
3DH5	Ant1	Low	2402	5.41	-44.29	≤-14.59	PASS
3DH5	Ant1	High	2480	4.62	-49.16	≤-15.38	PASS
3DH5	Ant1	Low	Hop_2402	4.65	-50.68	≤-15.36	PASS
3DH5	Ant1	High	Hop_2480	5.15	-50.37	≤-14.85	PASS

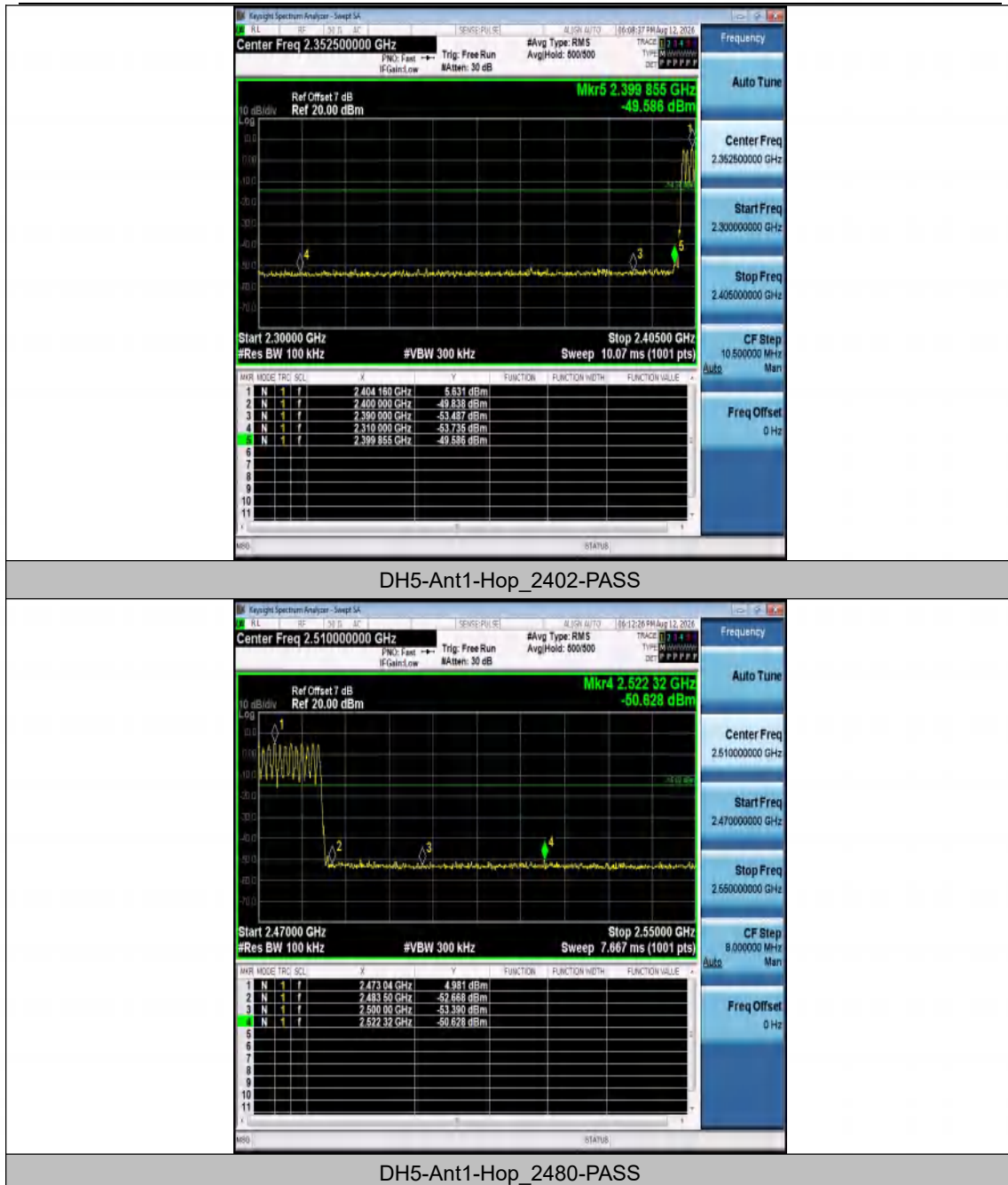
Test Graphs

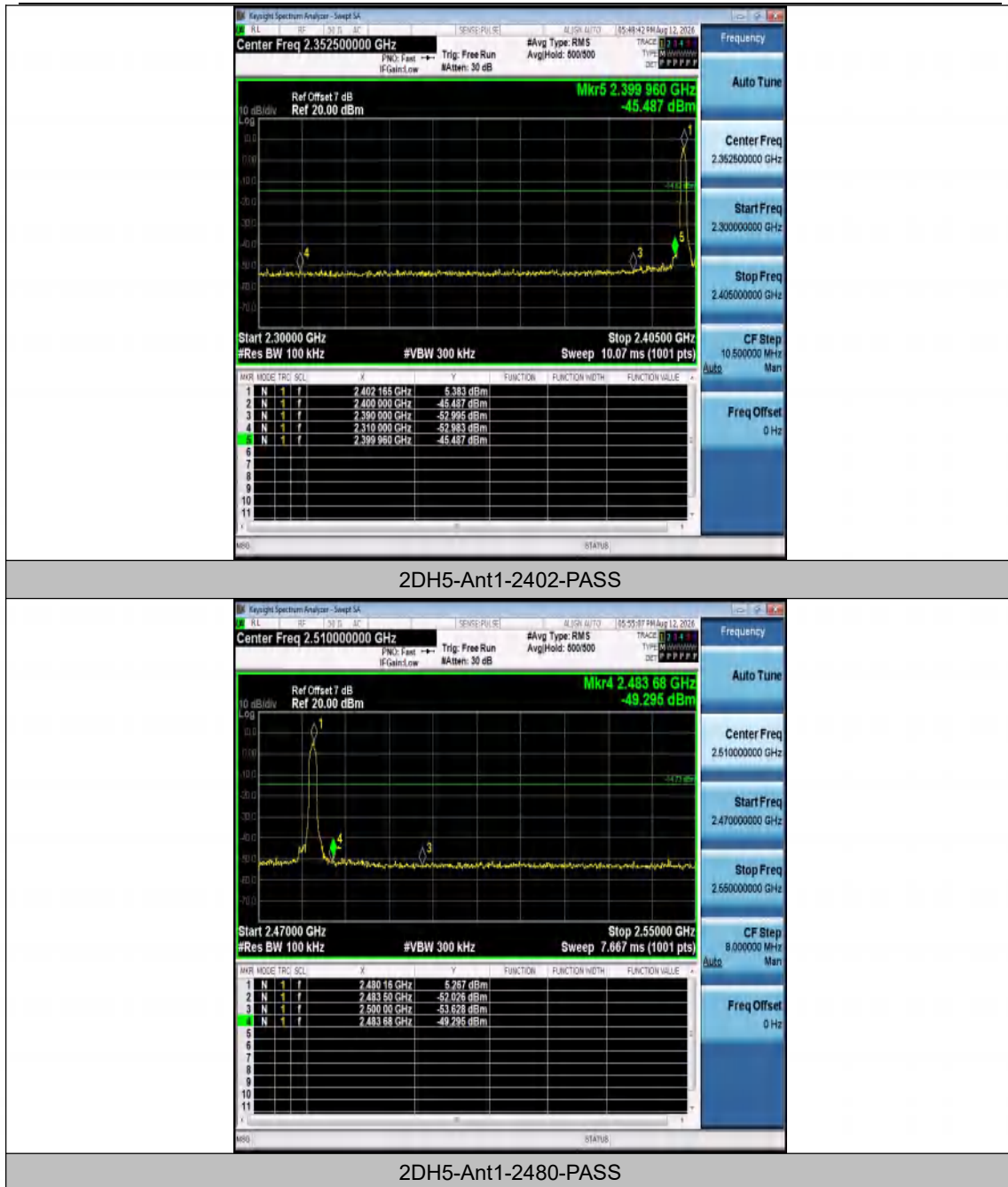


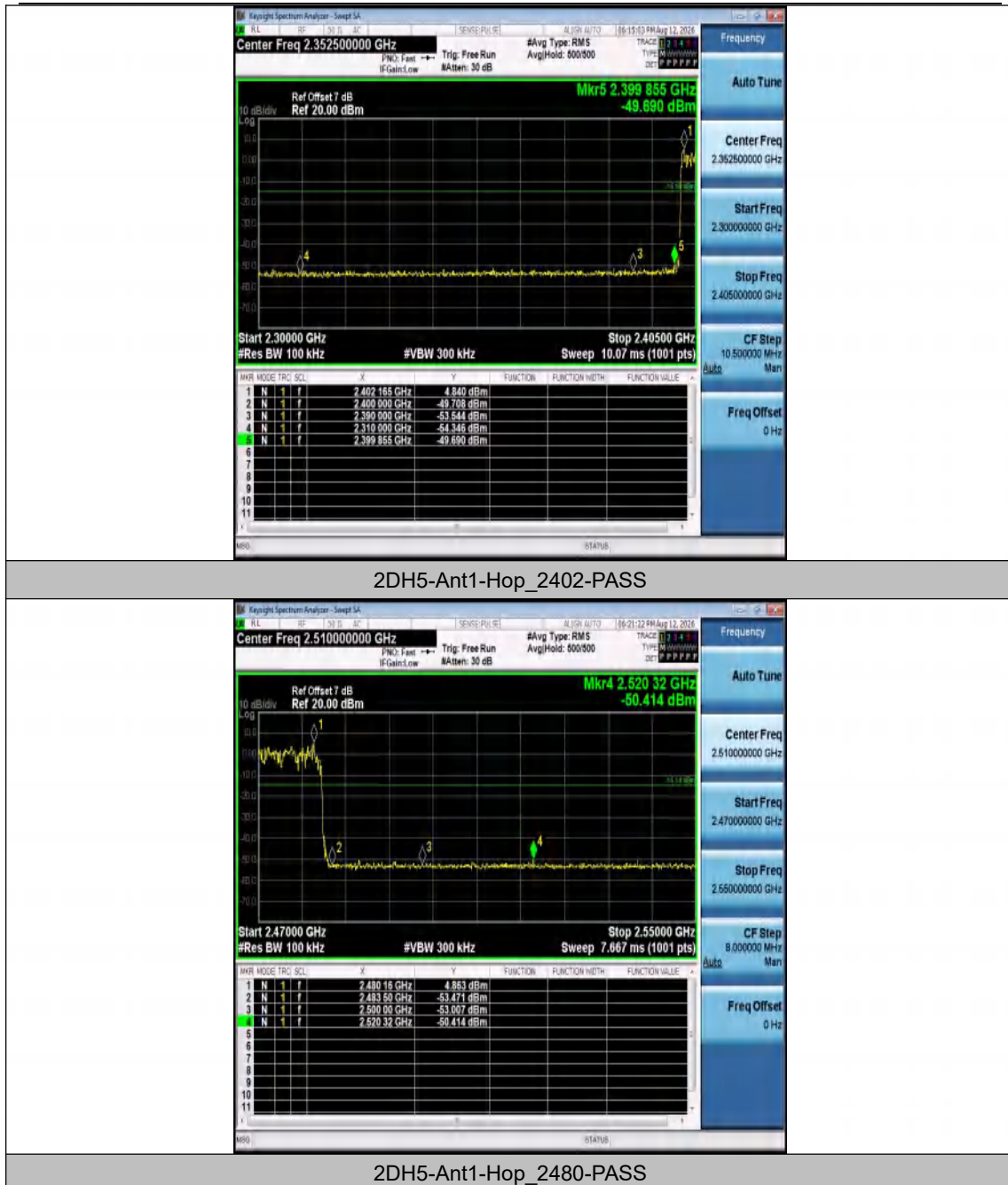
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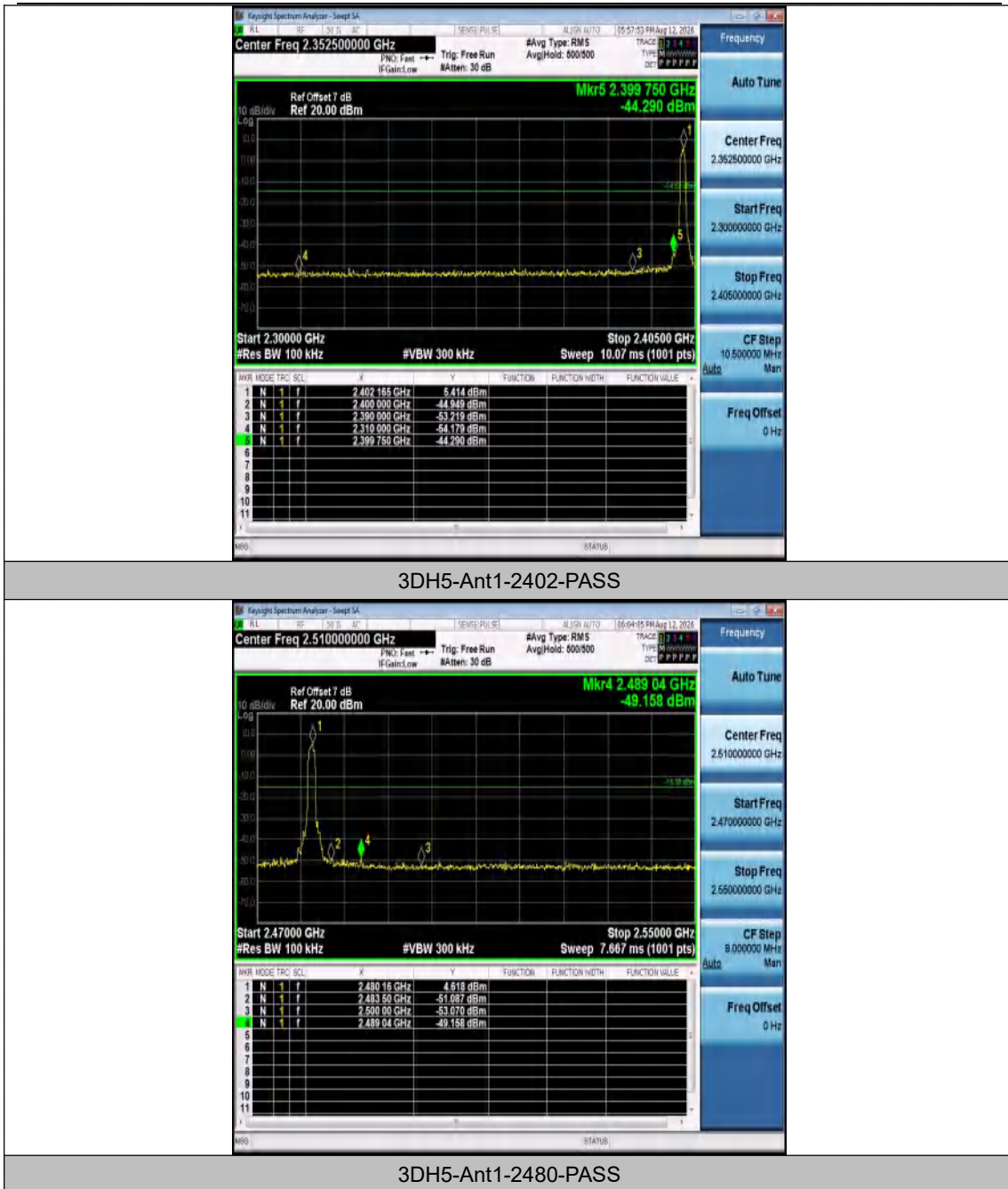
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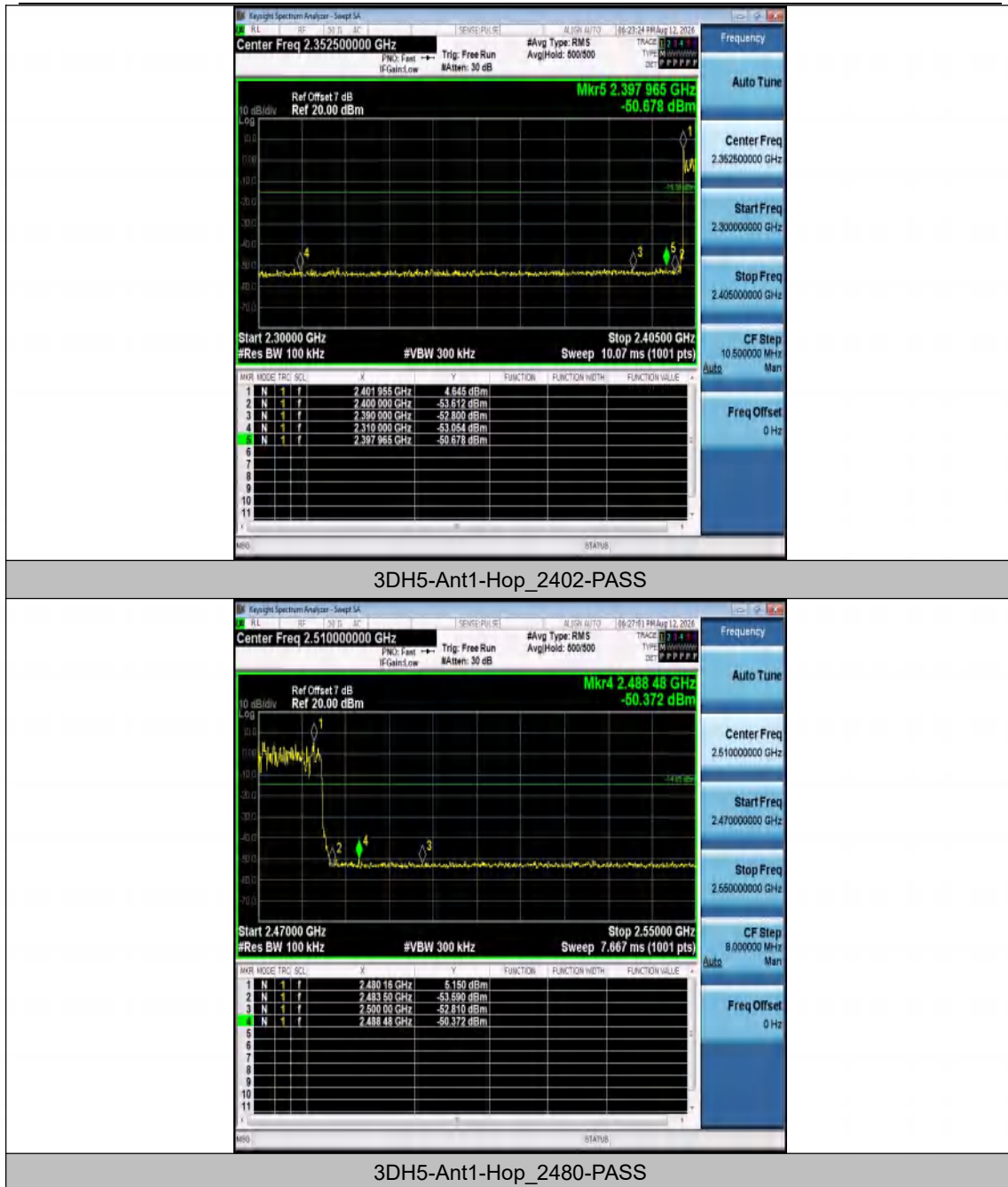
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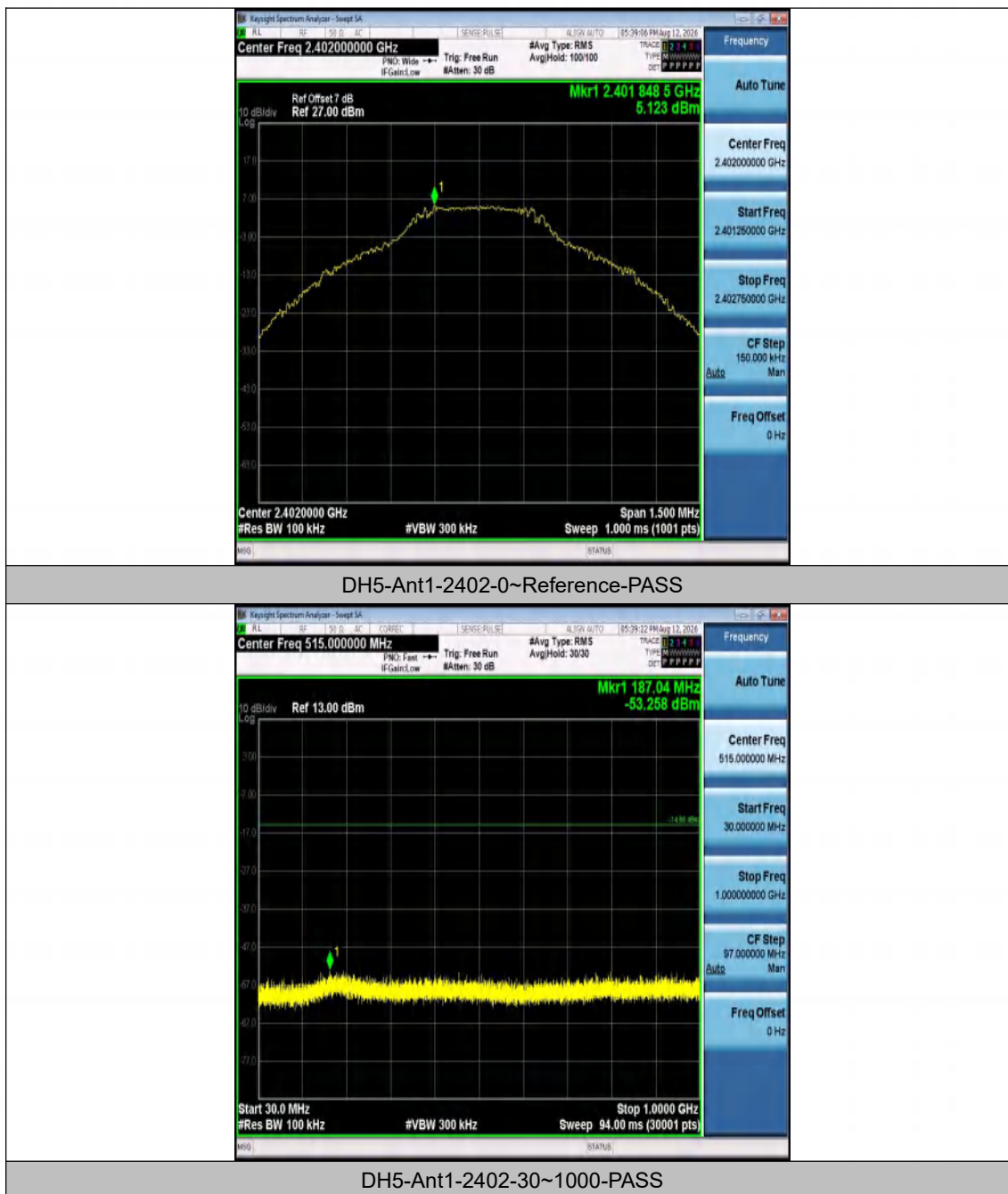
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	5.12	5.12	---	PASS
DH5	Ant1	2402	30~1000	5.12	-53.26	≤-14.88	PASS
DH5	Ant1	2402	1000~26500	5.12	-37.62	≤-14.88	PASS
DH5	Ant1	2441	0~Reference	5.08	5.08	---	PASS
DH5	Ant1	2441	30~1000	5.08	-52.48	≤-14.92	PASS
DH5	Ant1	2441	1000~26500	5.08	-37.34	≤-14.92	PASS
DH5	Ant1	2480	0~Reference	5.14	5.14	---	PASS
DH5	Ant1	2480	30~1000	5.14	-52.69	≤-14.86	PASS
DH5	Ant1	2480	1000~26500	5.14	-37.97	≤-14.86	PASS
2DH5	Ant1	2402	0~Reference	4.81	4.81	---	PASS
2DH5	Ant1	2402	30~1000	4.81	-52.96	≤-15.19	PASS
2DH5	Ant1	2402	1000~26500	4.81	-37.6	≤-15.19	PASS
2DH5	Ant1	2441	0~Reference	5.00	5.00	---	PASS
2DH5	Ant1	2441	30~1000	5.00	-52.93	≤-15	PASS
2DH5	Ant1	2441	1000~26500	5.00	-38.79	≤-15	PASS
2DH5	Ant1	2480	0~Reference	5.08	5.08	---	PASS
2DH5	Ant1	2480	30~1000	5.08	-53.03	≤-14.92	PASS
2DH5	Ant1	2480	1000~26500	5.08	-38.14	≤-14.92	PASS
3DH5	Ant1	2402	0~Reference	5.28	5.28	---	PASS
3DH5	Ant1	2402	30~1000	5.28	-52.7	≤-14.72	PASS
3DH5	Ant1	2402	1000~26500	5.28	-37.6	≤-14.72	PASS
3DH5	Ant1	2441	0~Reference	4.91	4.91	---	PASS
3DH5	Ant1	2441	30~1000	4.91	-50.75	≤-15.09	PASS
3DH5	Ant1	2441	1000~26500	4.91	-37.95	≤-15.09	PASS
3DH5	Ant1	2480	0~Reference	4.97	4.97	---	PASS
3DH5	Ant1	2480	30~1000	4.97	-48.92	≤-15.03	PASS
3DH5	Ant1	2480	1000~26500	4.97	-38.17	≤-15.03	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.

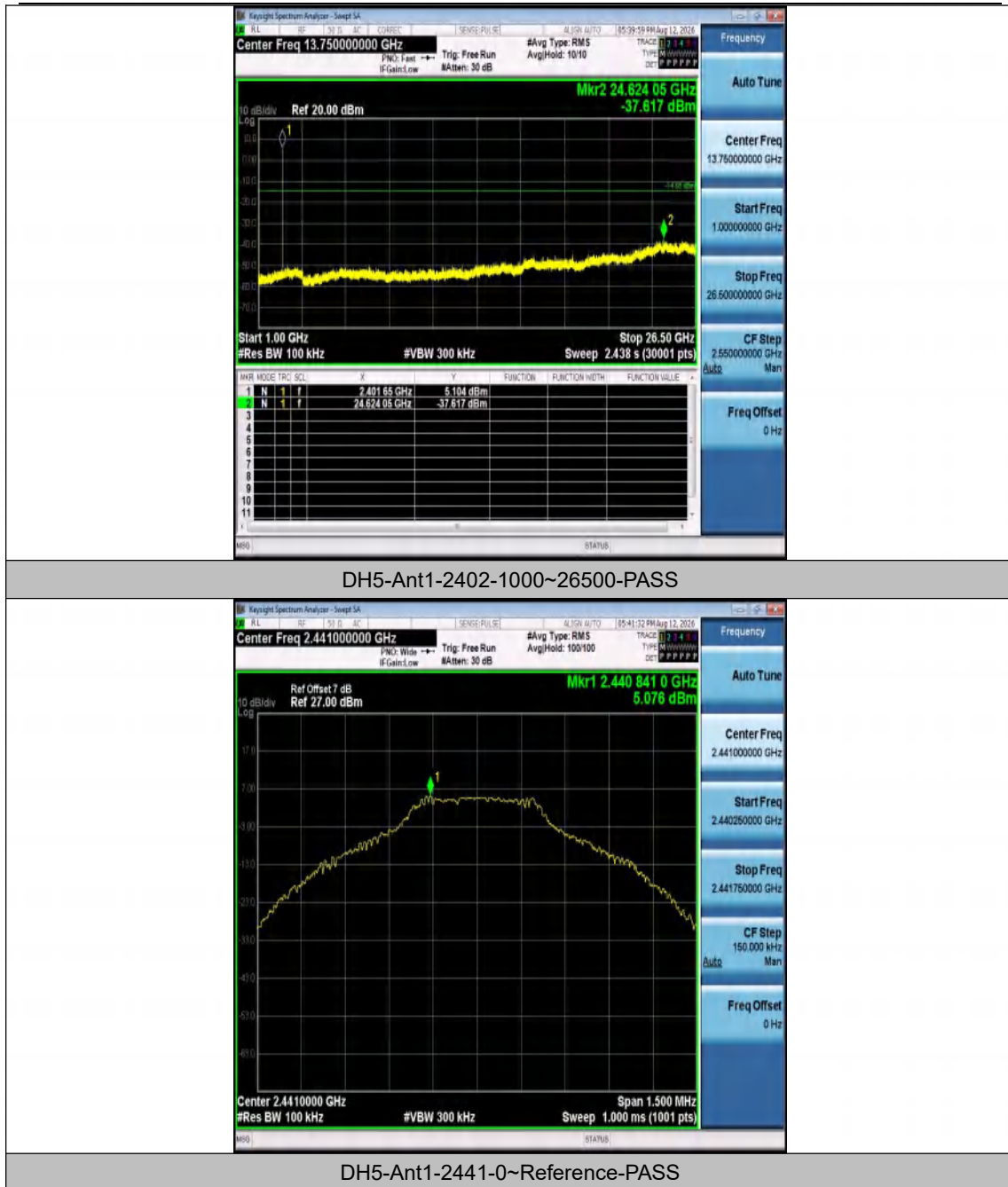
Test Graphs



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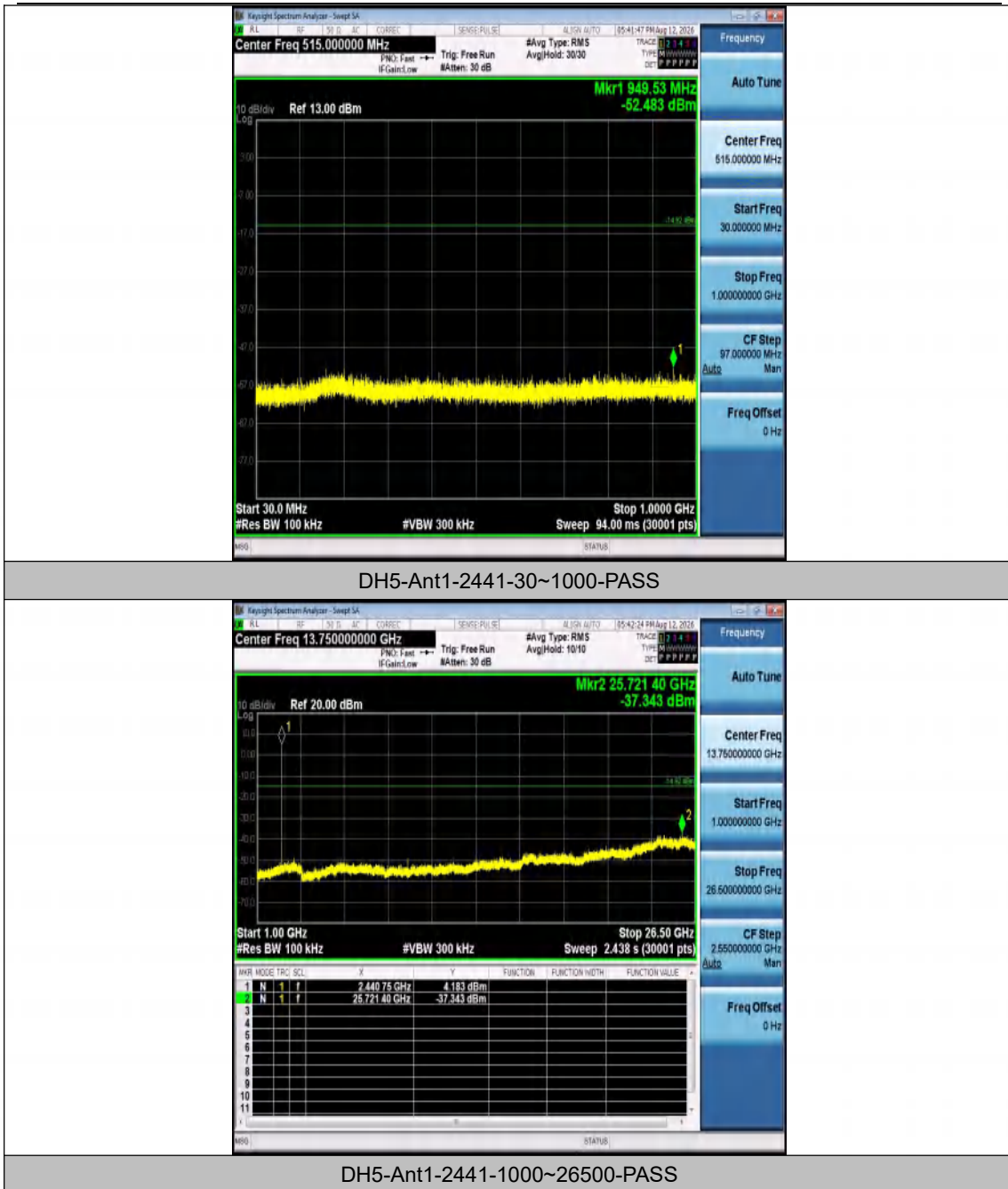
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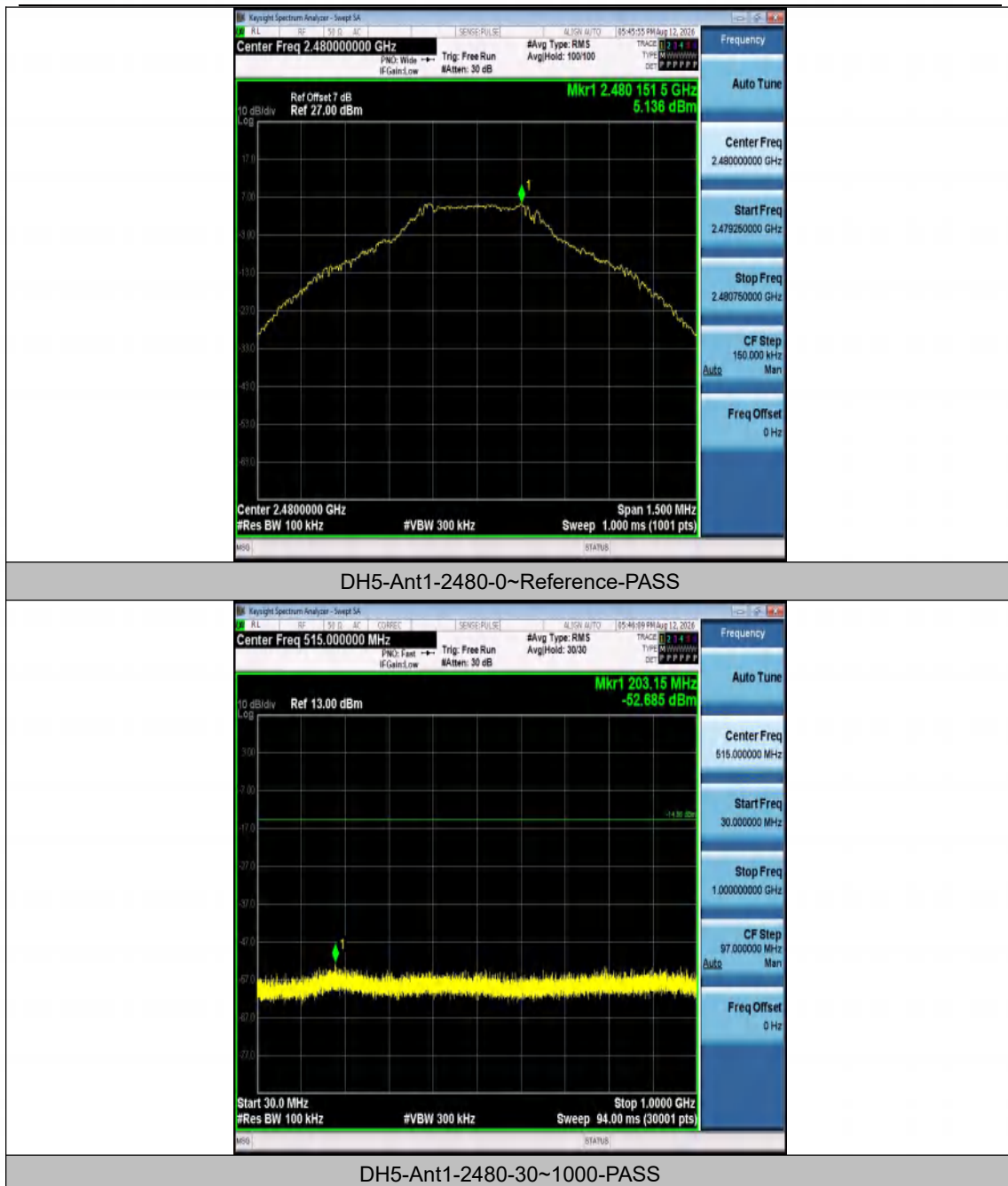
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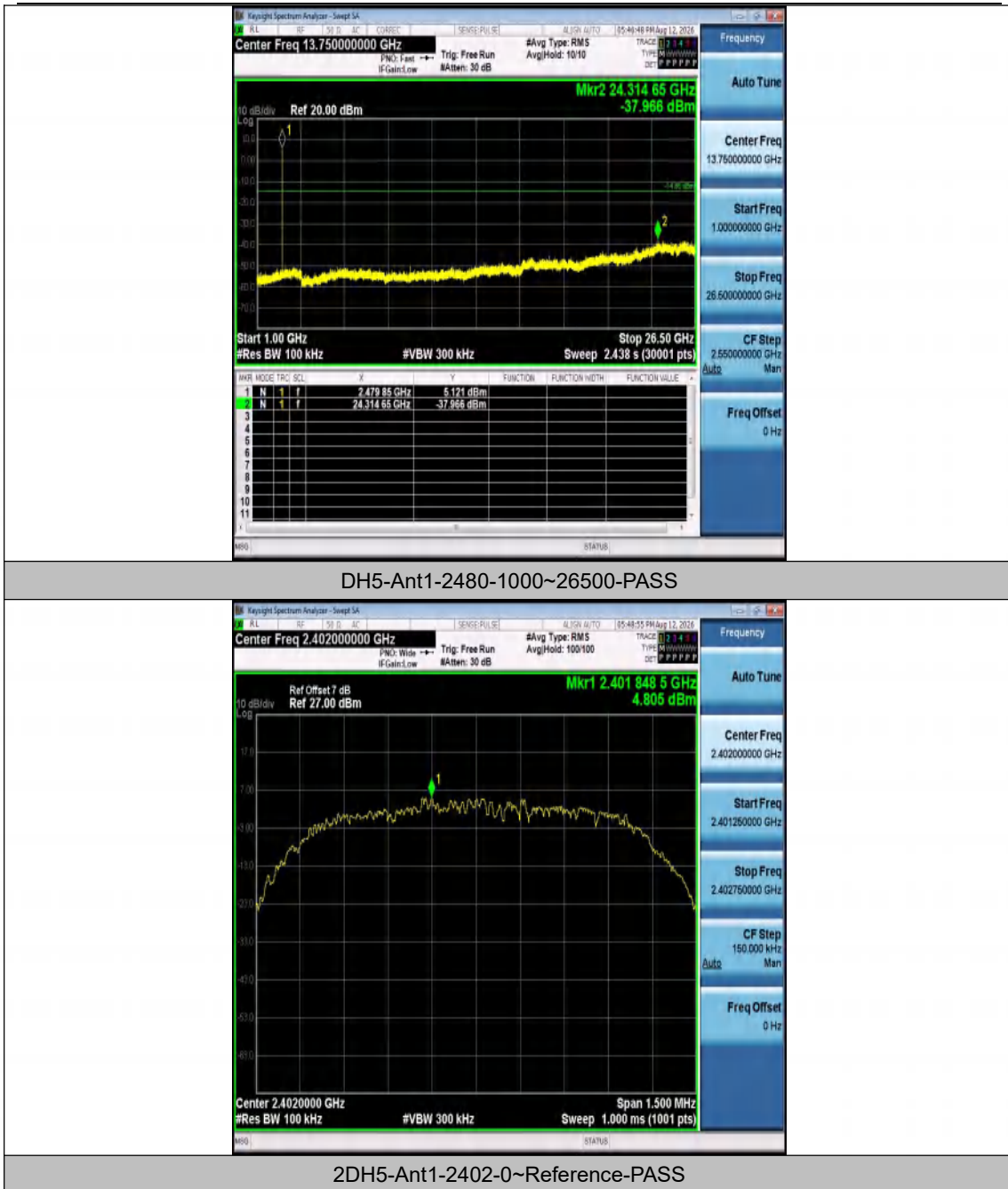
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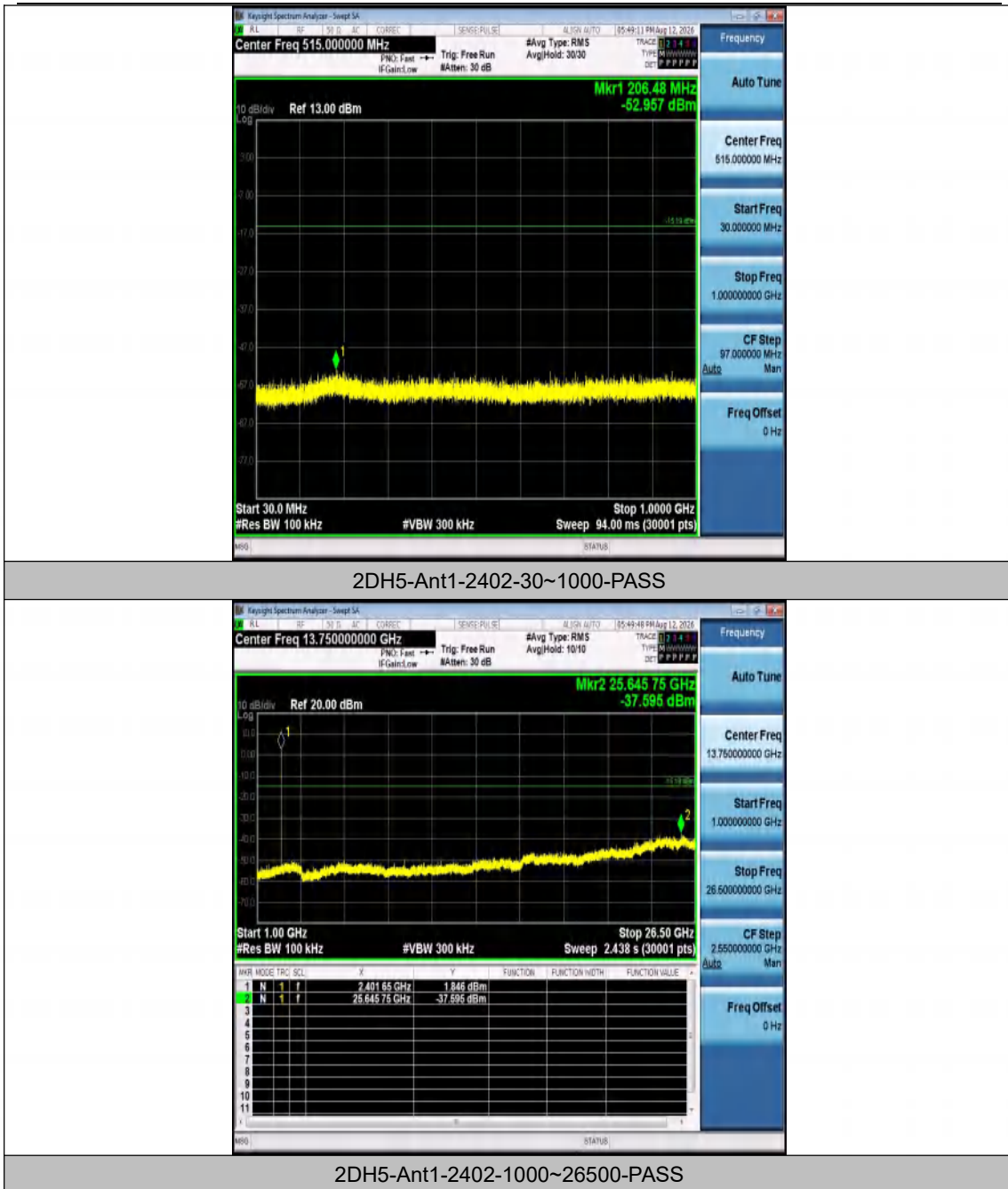
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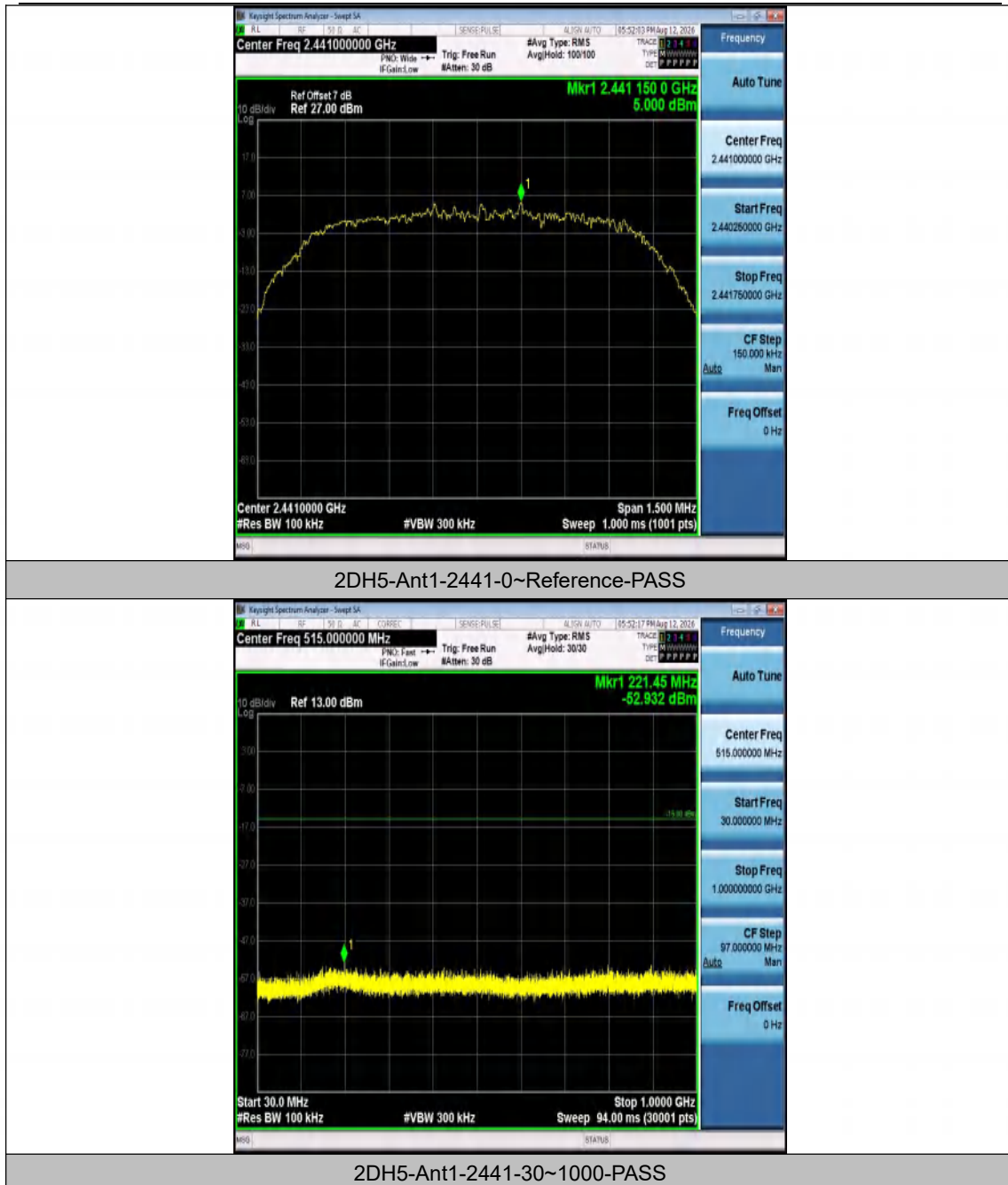
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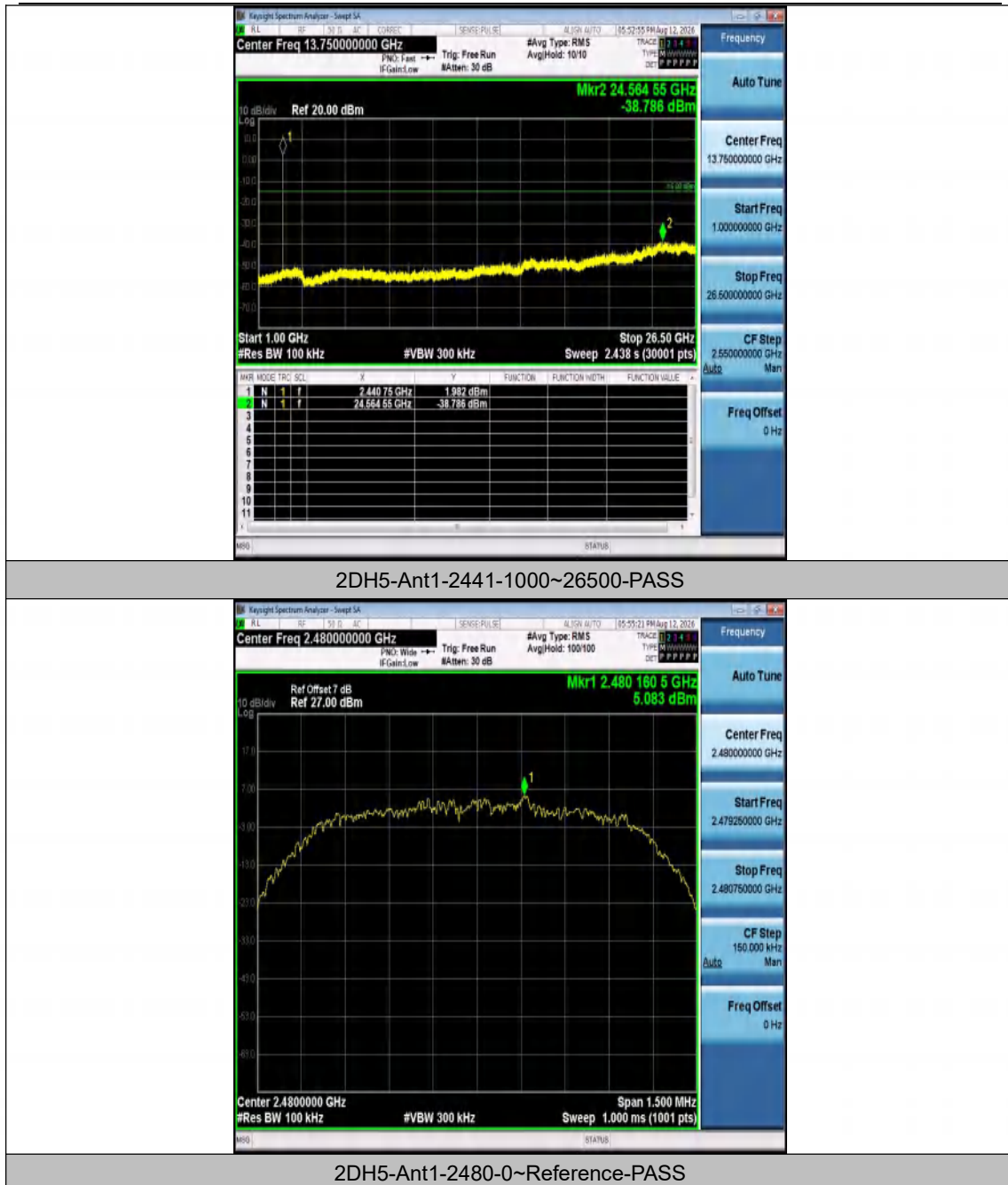
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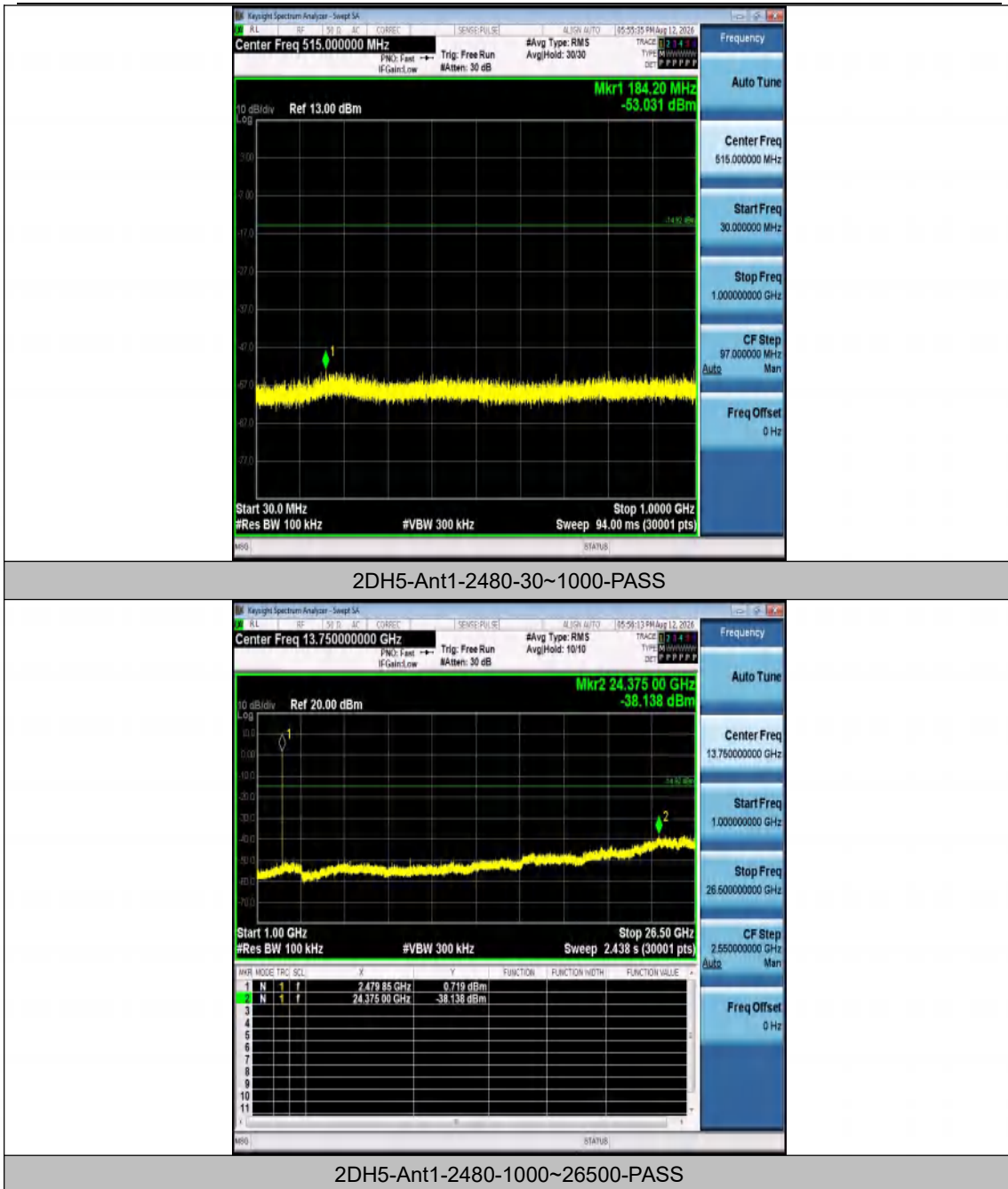


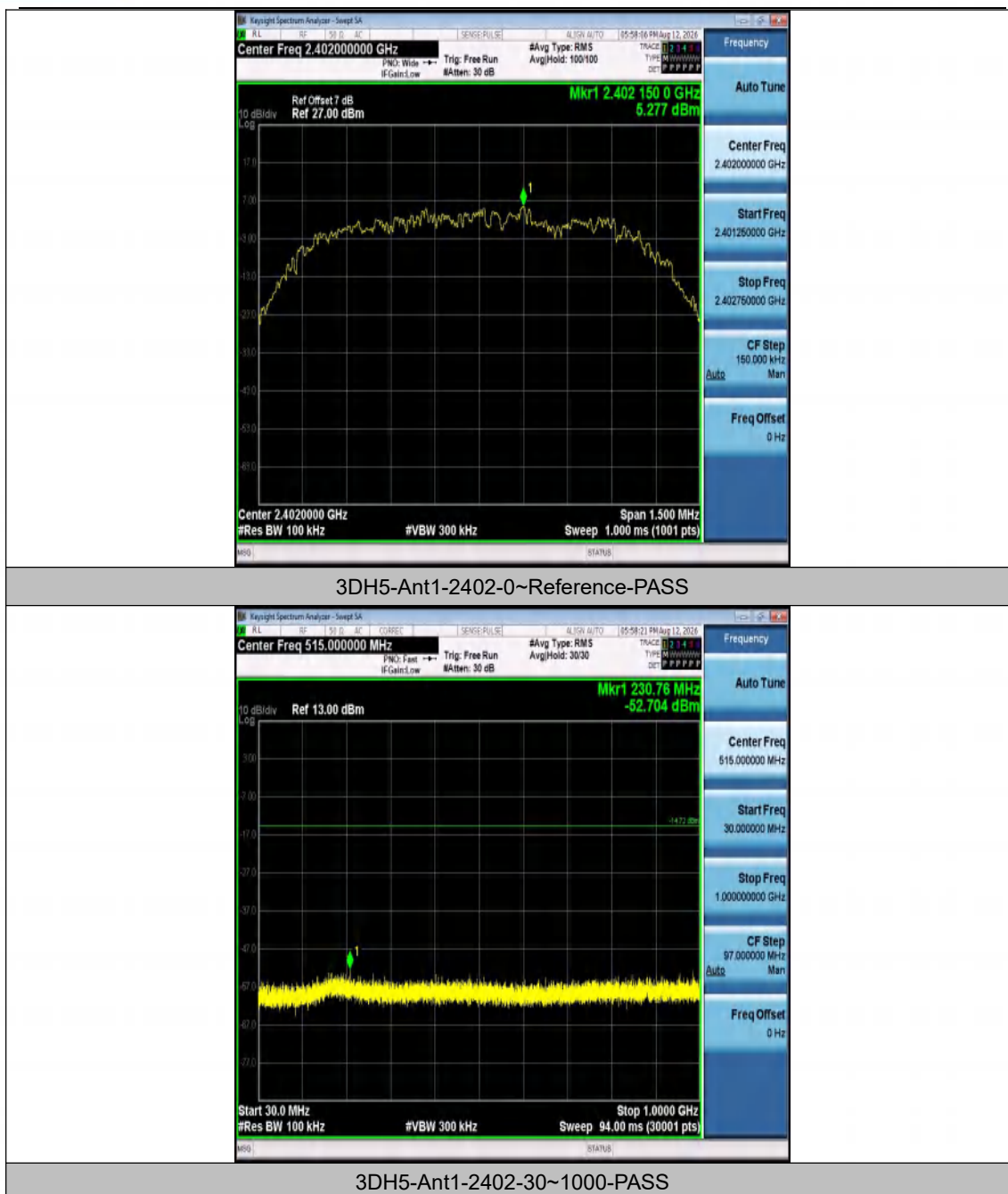
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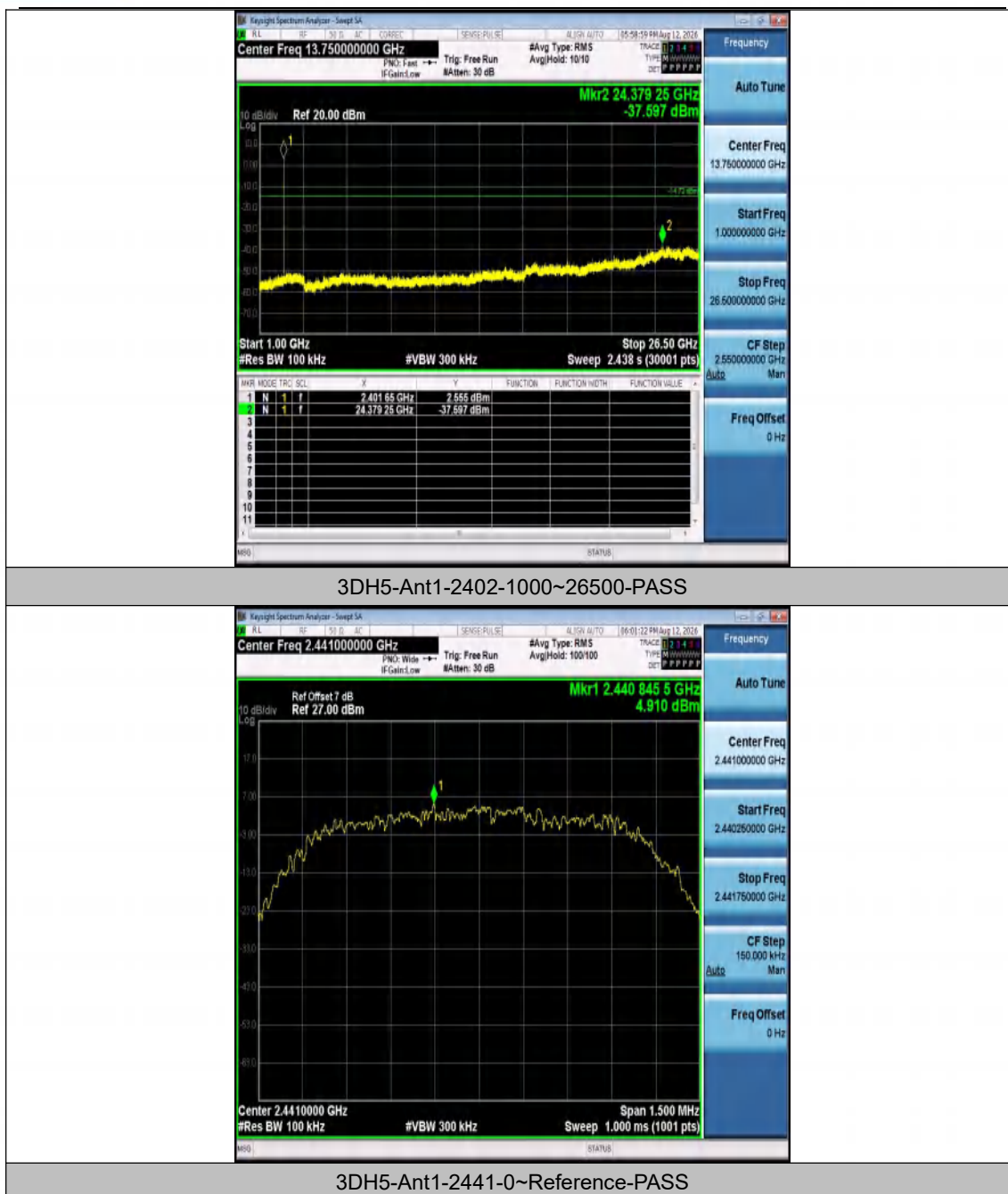


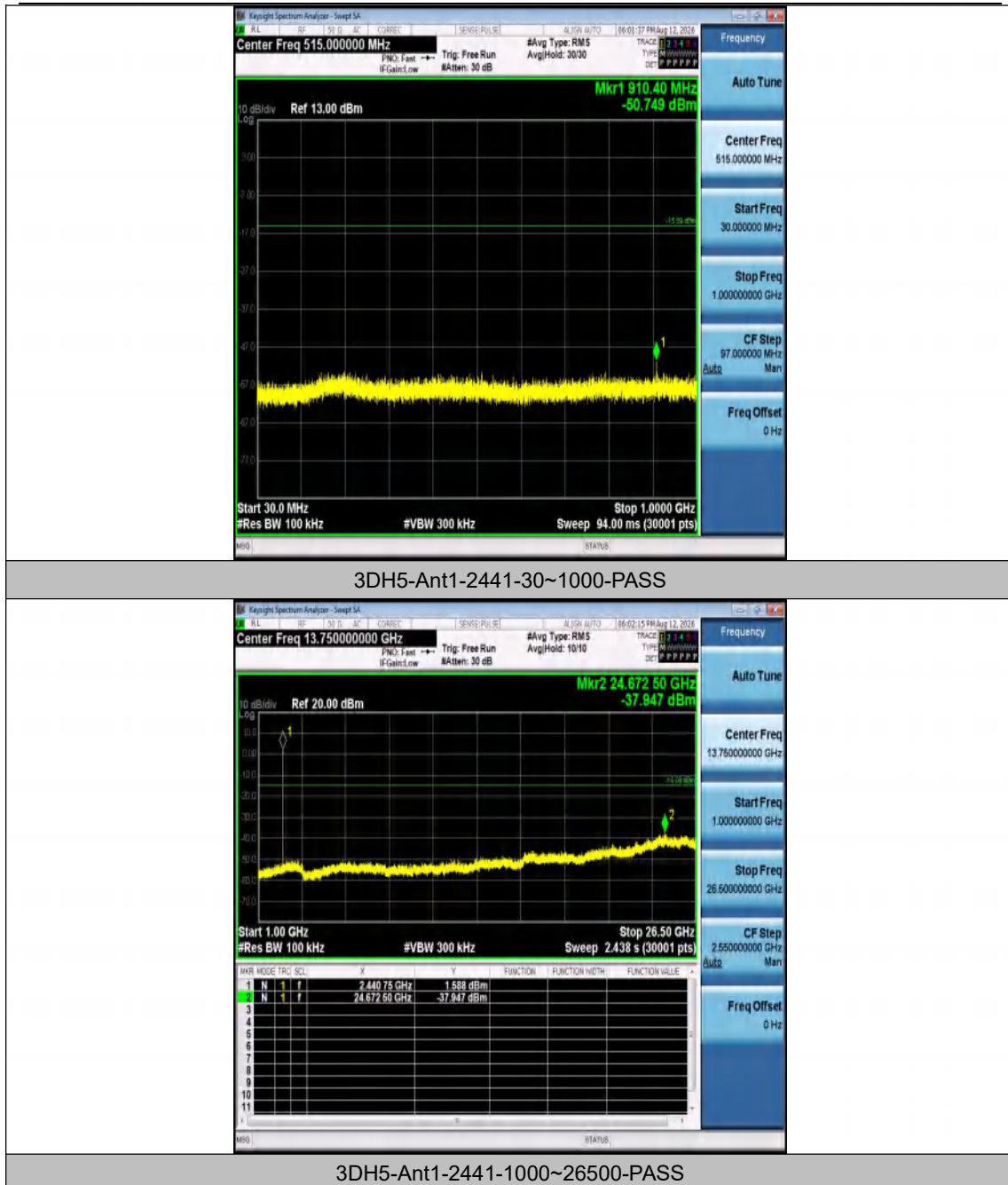


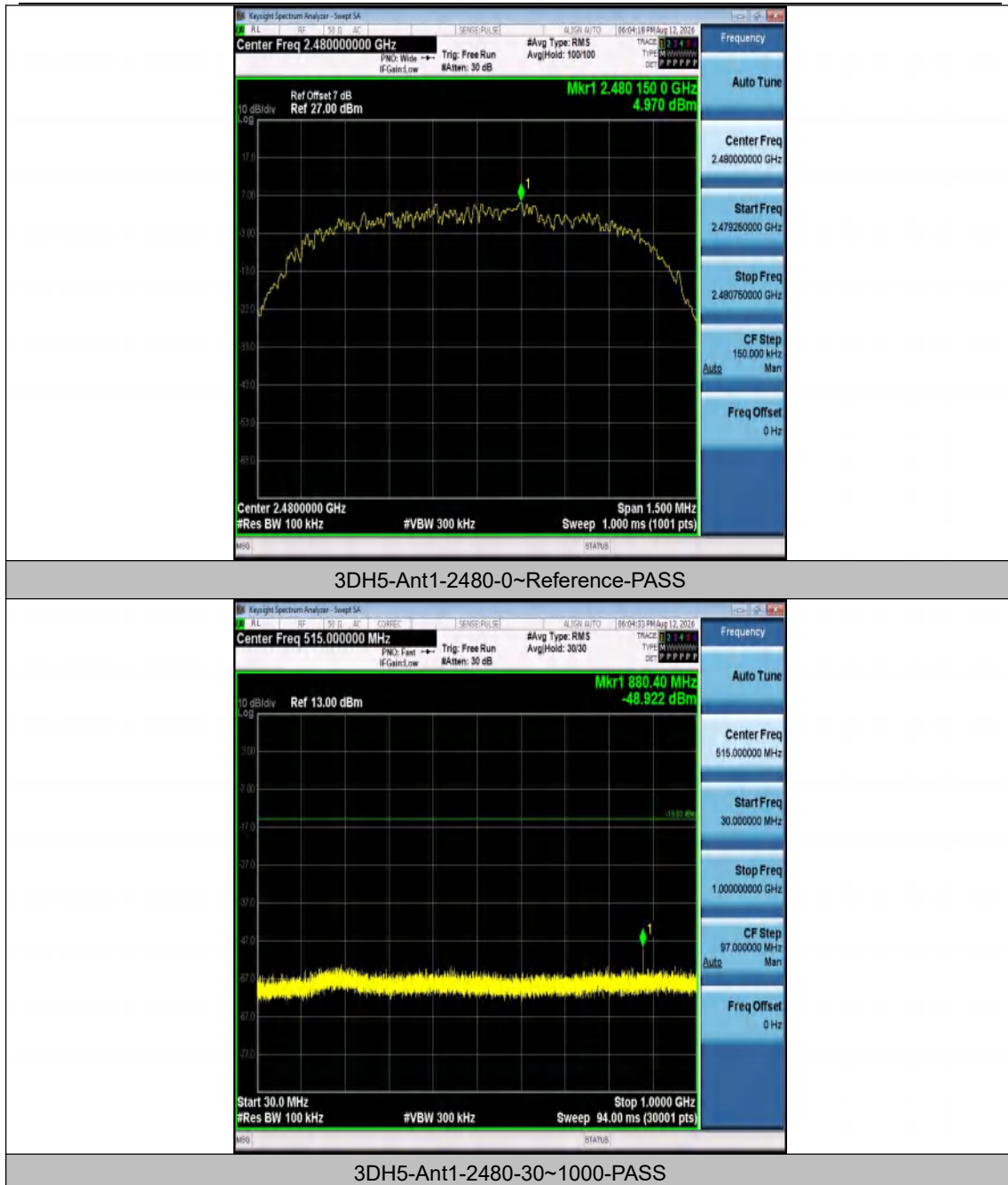
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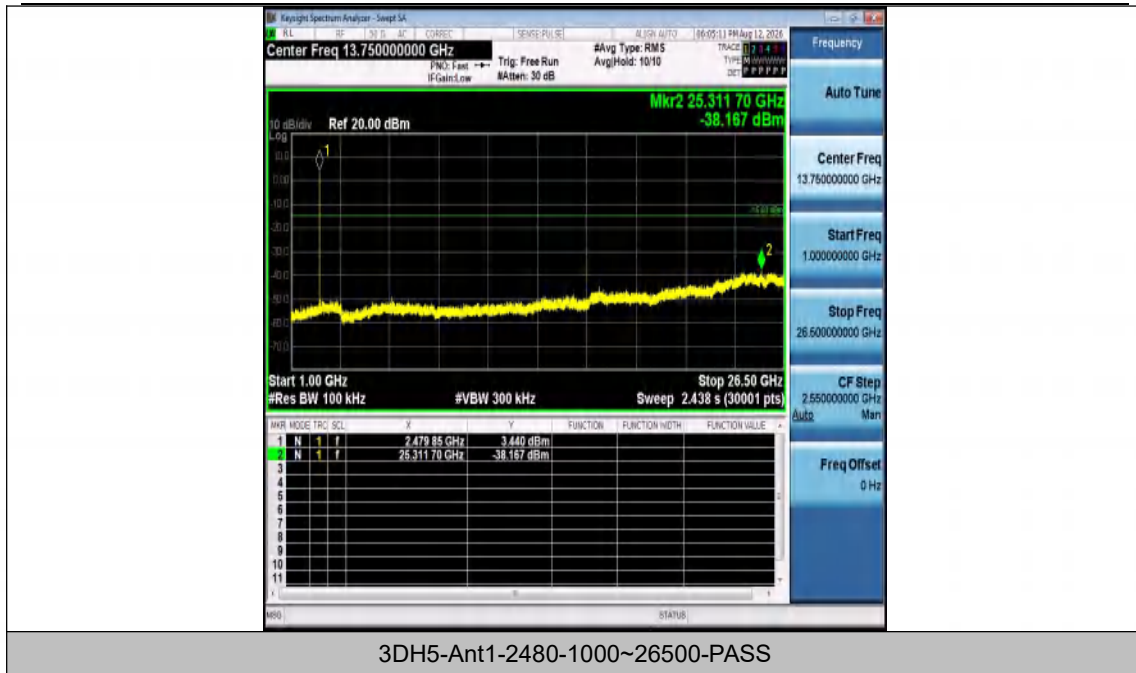




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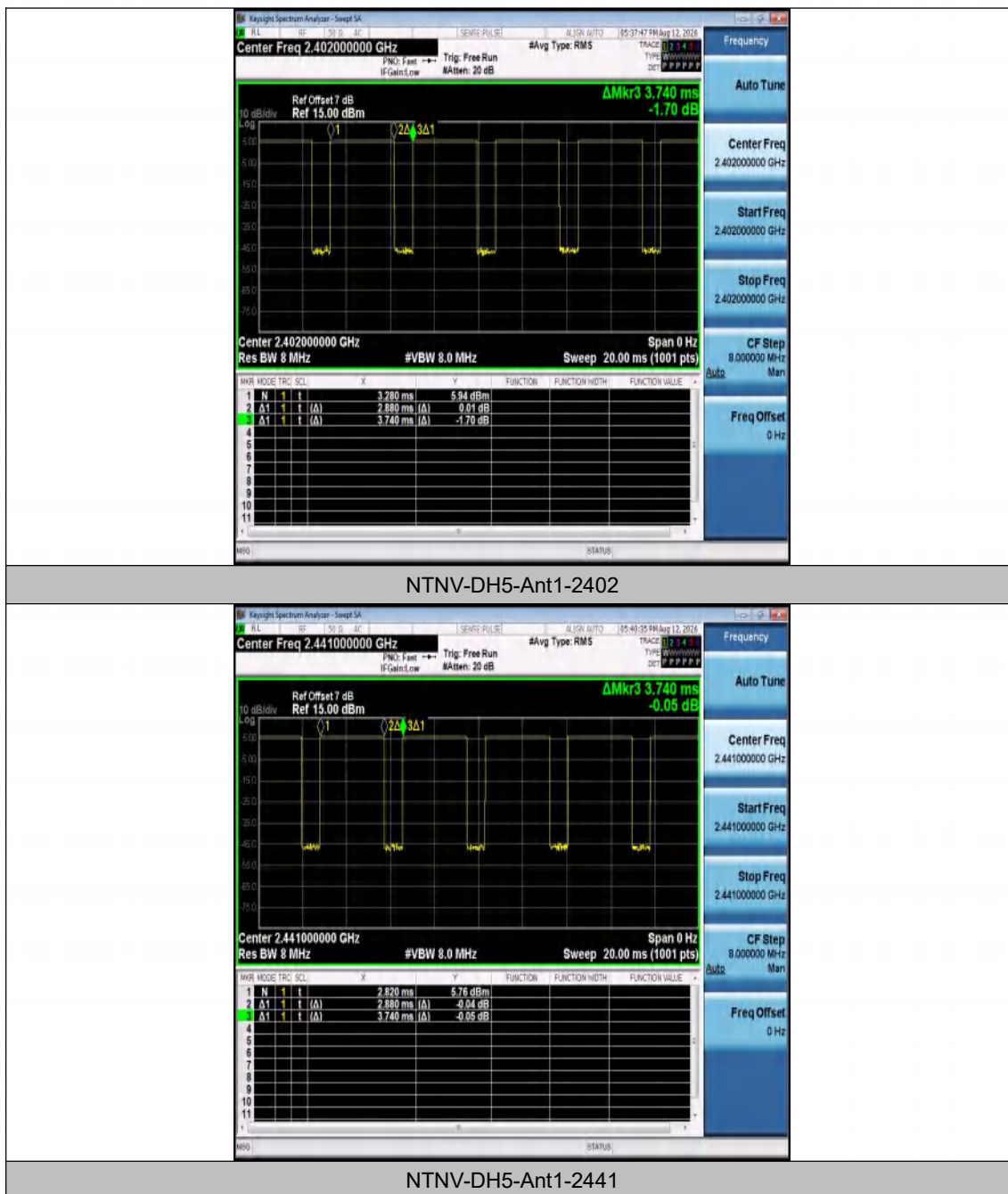
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.74	77.01	1.13
DH5	Ant1	2441	2.88	3.74	77.01	1.13
DH5	Ant1	2480	2.88	3.74	77.01	1.13
2DH5	Ant1	2402	2.88	3.74	77.01	1.13
2DH5	Ant1	2441	2.88	3.74	77.01	1.13
2DH5	Ant1	2480	2.88	3.74	77.01	1.13
3DH5	Ant1	2402	2.88	3.74	77.01	1.13
3DH5	Ant1	2441	2.88	3.74	77.01	1.13
3DH5	Ant1	2480	2.88	3.74	77.01	1.13

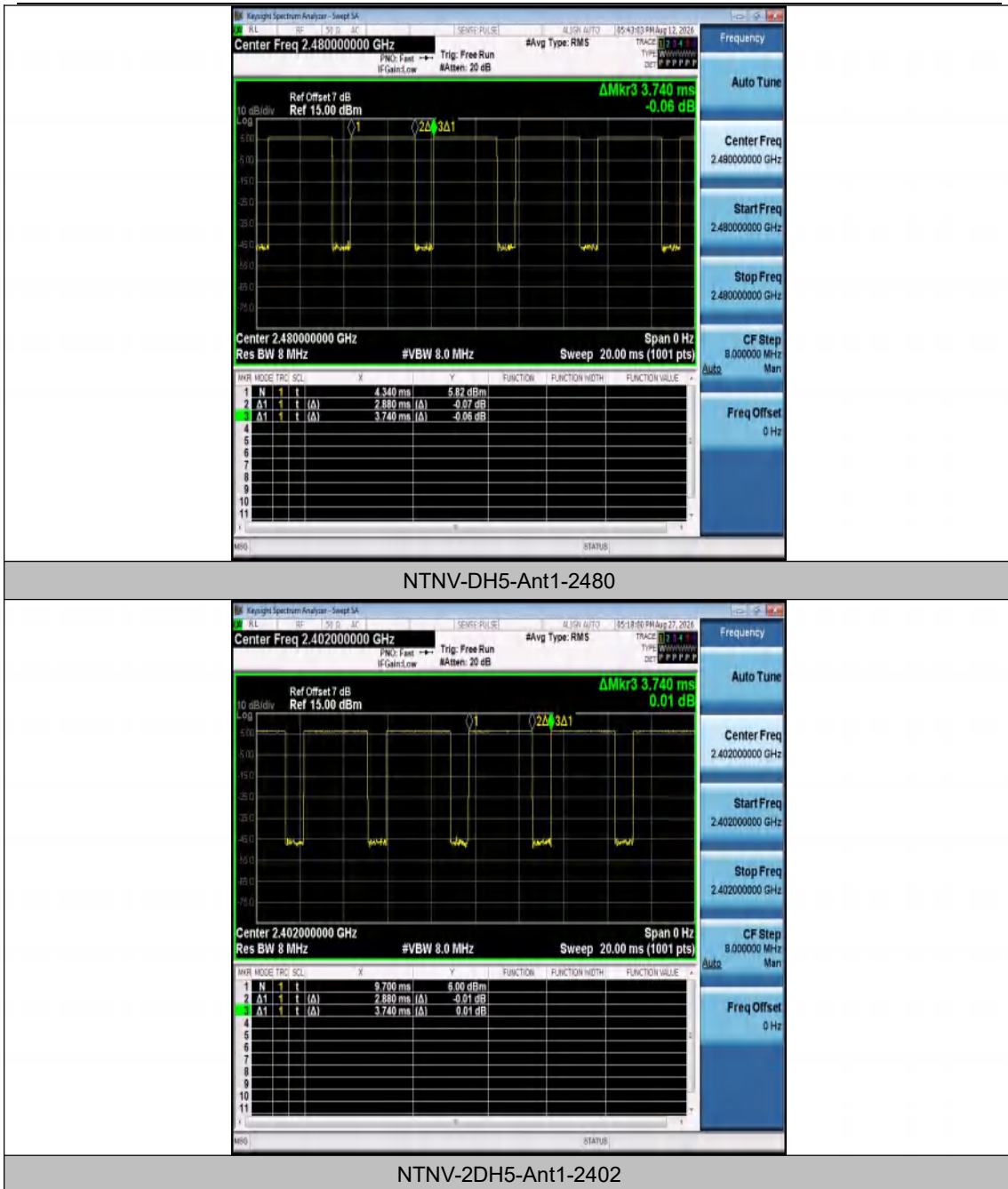
Test Graphs

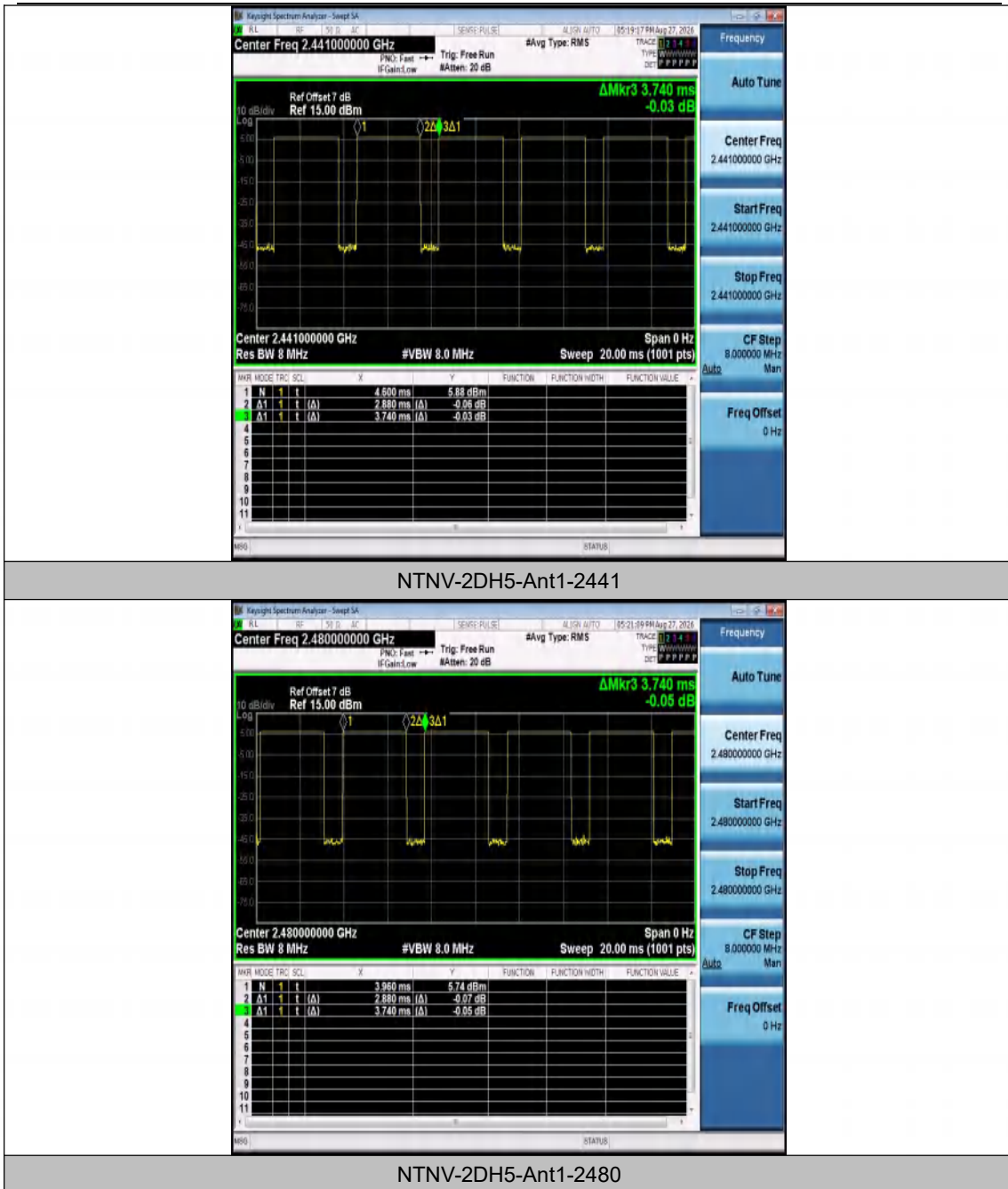


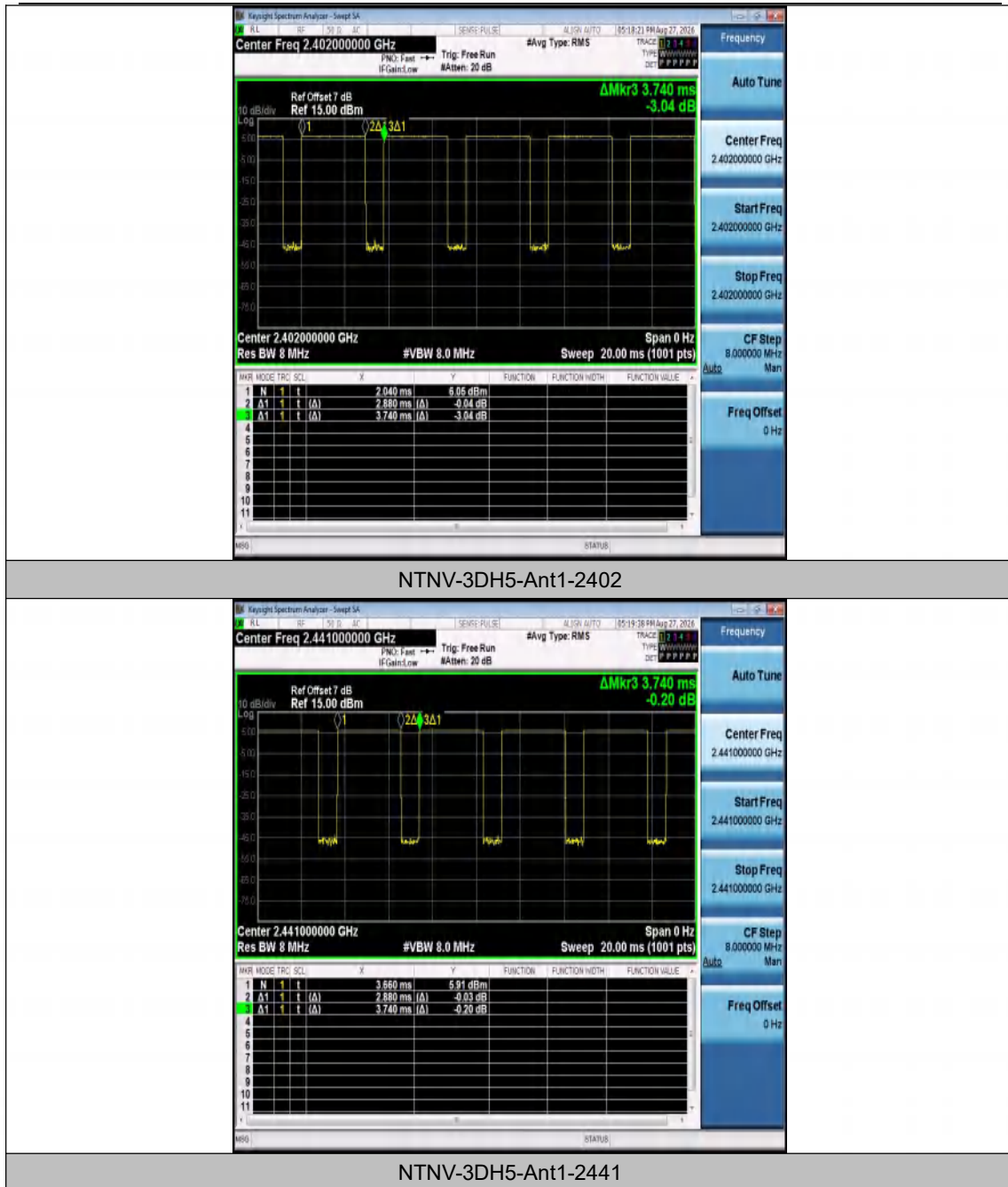
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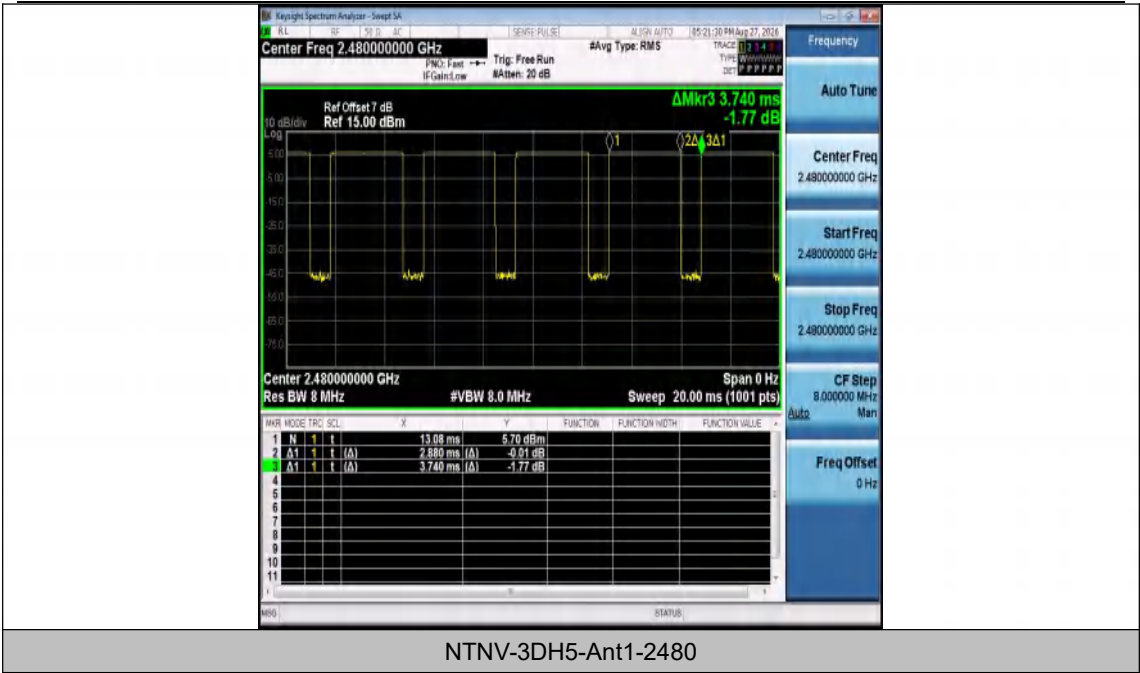




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