

Appendix Test Data

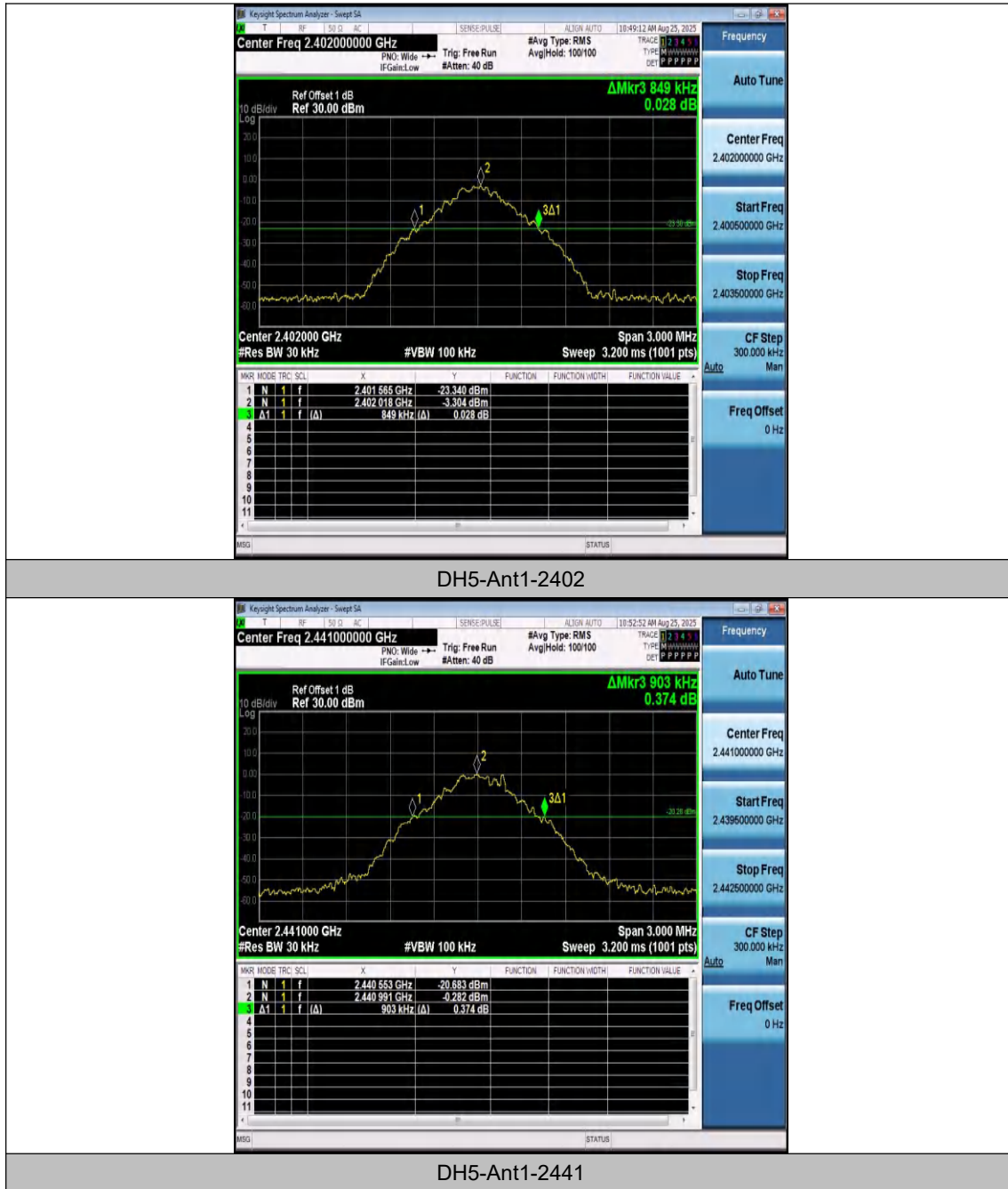
Report No.:	1819C50085012501	Test Sample No.:	1-2-2
Start Test Date:	2025-08-25	Finish Test Date:	2025-08-25
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	26.7°C	Relative Humidity:	50%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.849	2401.565	2402.414	---	---
DH5	Ant1	2441	0.903	2440.553	2441.456	---	---
DH5	Ant1	2480	0.909	2479.553	2480.462	---	---
2DH5	Ant1	2402	1.293	2401.361	2402.654	---	---
2DH5	Ant1	2441	1.314	2440.340	2441.654	---	---
2DH5	Ant1	2480	1.281	2479.367	2480.648	---	---
3DH5	Ant1	2402	1.275	2401.358	2402.633	---	---
3DH5	Ant1	2441	1.299	2440.352	2441.651	---	---
3DH5	Ant1	2480	1.260	2479.388	2480.648	---	---

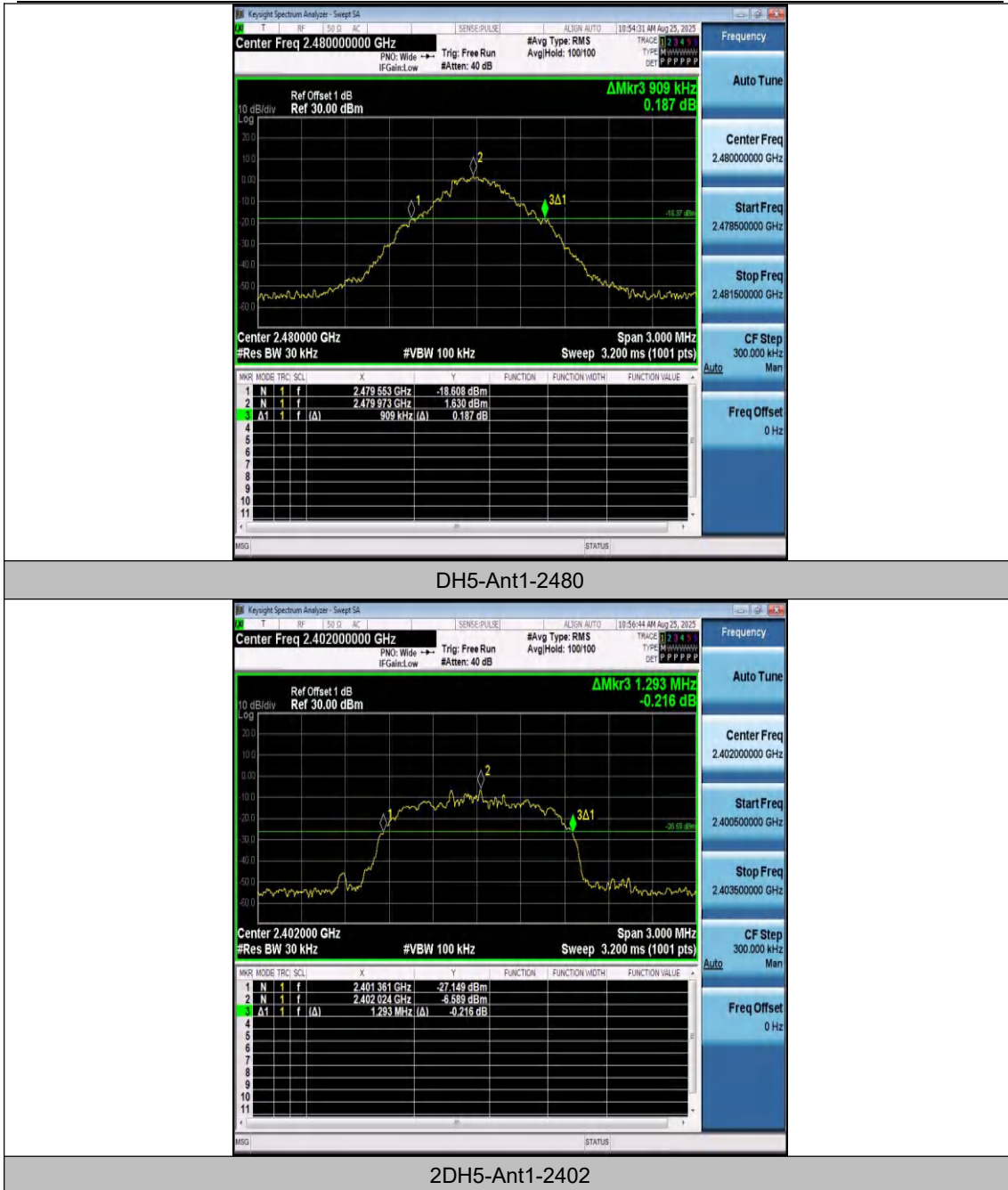
Test Graphs



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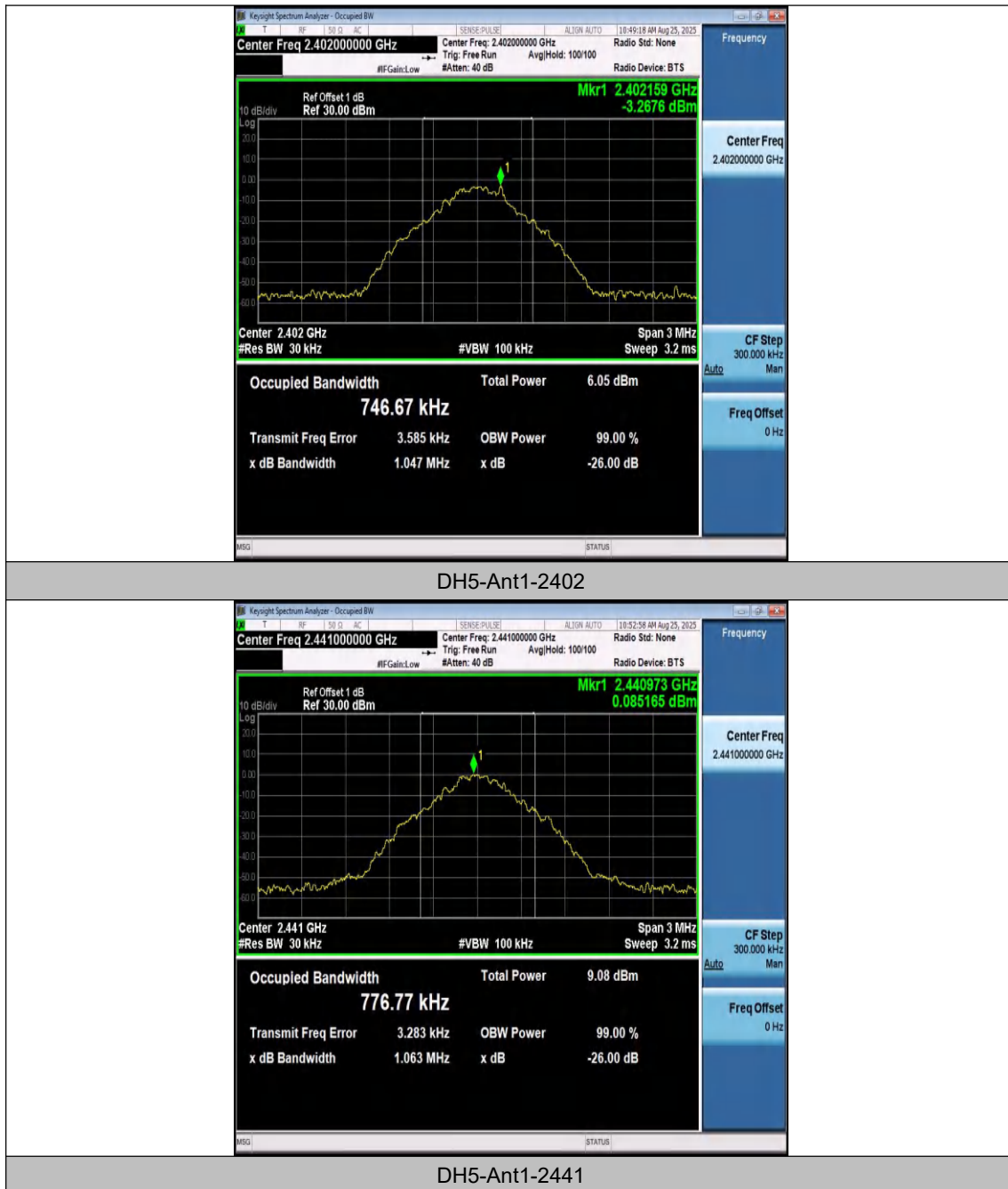
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.74667	2401.6302	2402.3769	---	---
DH5	Ant1	2441	0.77677	2440.6149	2441.3917	---	---
DH5	Ant1	2480	0.77766	2479.6138	2480.3915	---	---
2DH5	Ant1	2402	1.1805	2401.4078	2402.5883	---	---
2DH5	Ant1	2441	1.1665	2440.4137	2441.5802	---	---
2DH5	Ant1	2480	1.1874	2479.4056	2480.5930	---	---
3DH5	Ant1	2402	1.1673	2401.4198	2402.5871	---	---
3DH5	Ant1	2441	1.1901	2440.4056	2441.5957	---	---
3DH5	Ant1	2480	1.2041	2479.3953	2480.5994	---	---

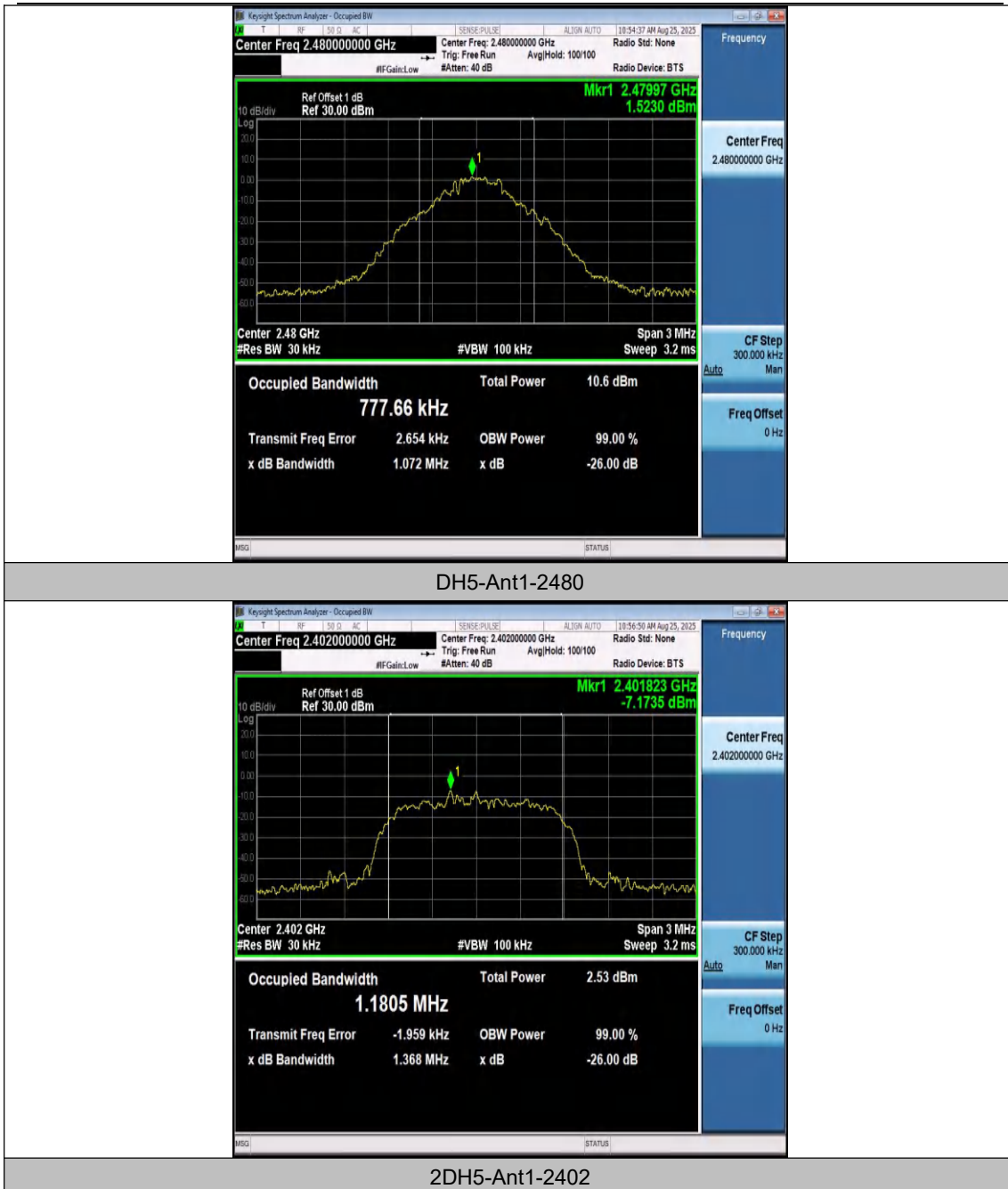
Test Graphs



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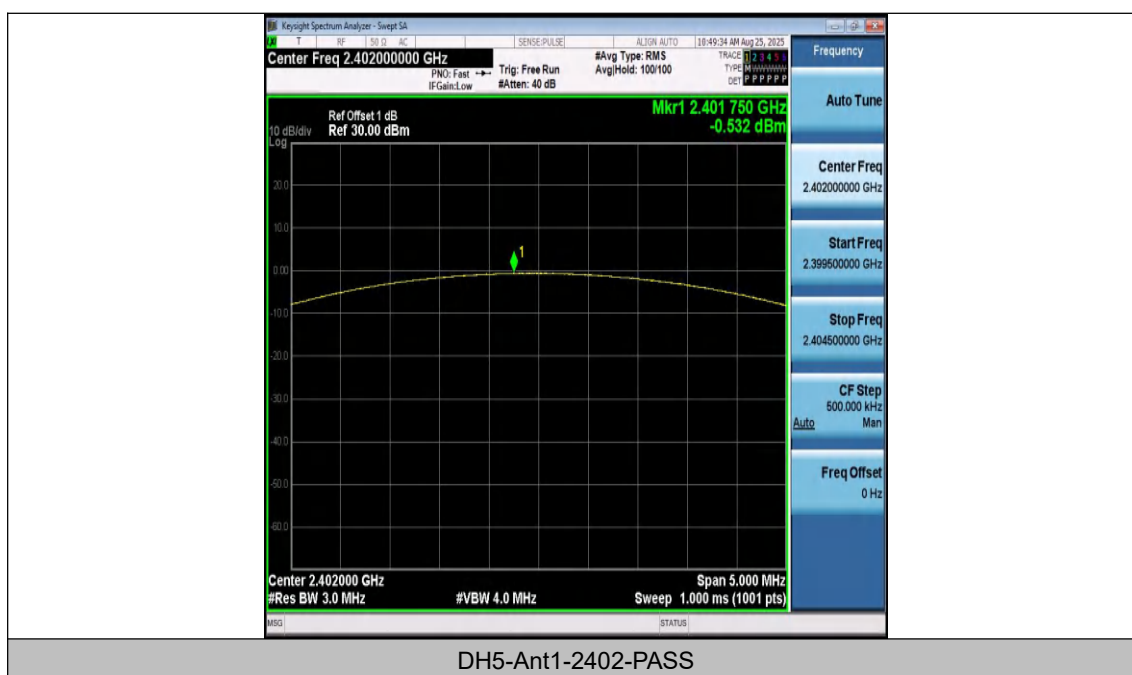


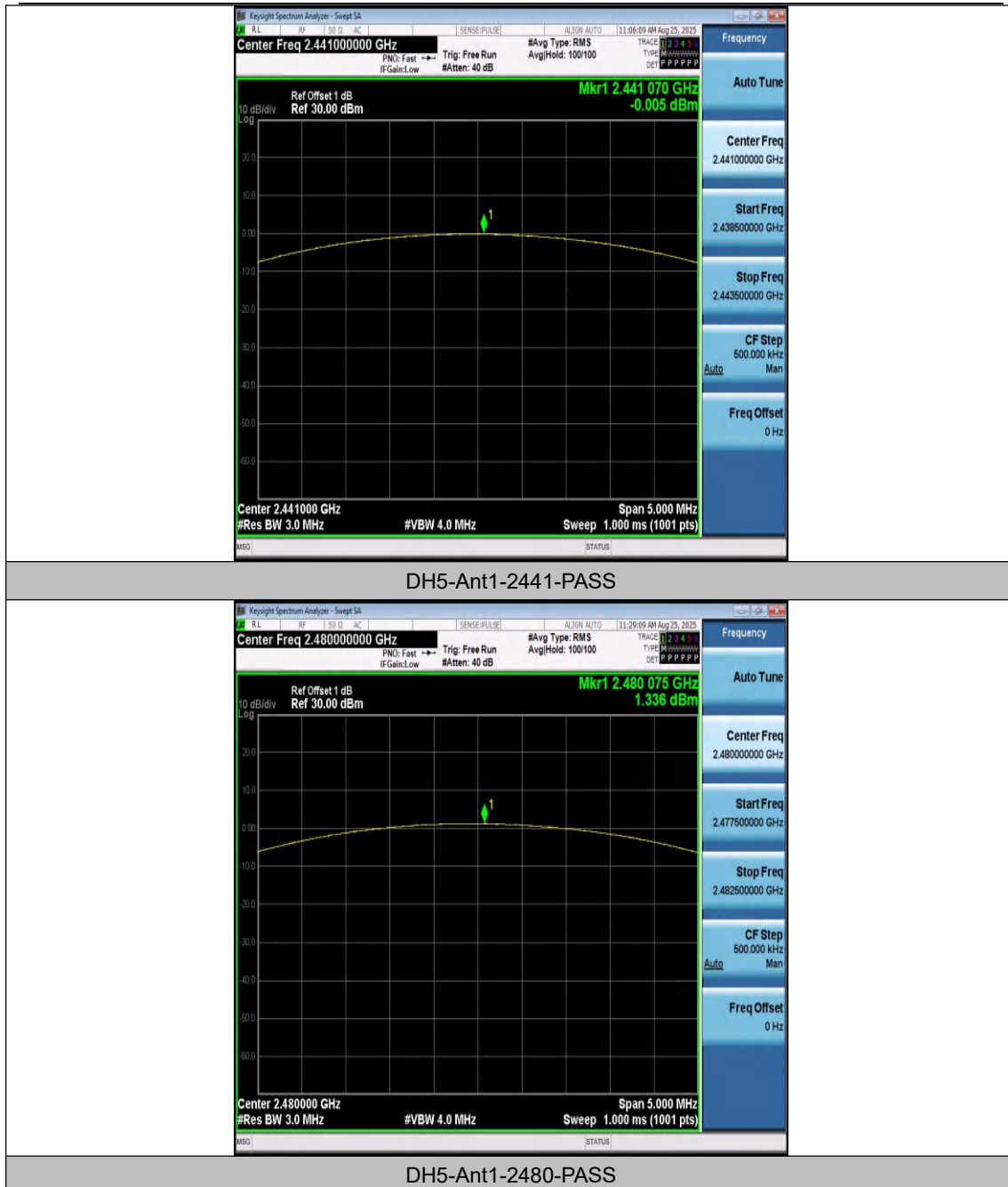
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.53	≤20.97	PASS
DH5	Ant1	2441	-0.01	≤20.97	PASS
DH5	Ant1	2480	1.34	≤20.97	PASS
2DH5	Ant1	2402	-1.71	≤20.97	PASS
2DH5	Ant1	2441	-0.69	≤20.97	PASS
2DH5	Ant1	2480	1.39	≤20.97	PASS
3DH5	Ant1	2402	-1.75	≤20.97	PASS
3DH5	Ant1	2441	-0.62	≤20.97	PASS
3DH5	Ant1	2480	1.37	≤20.97	PASS

Test Graphs

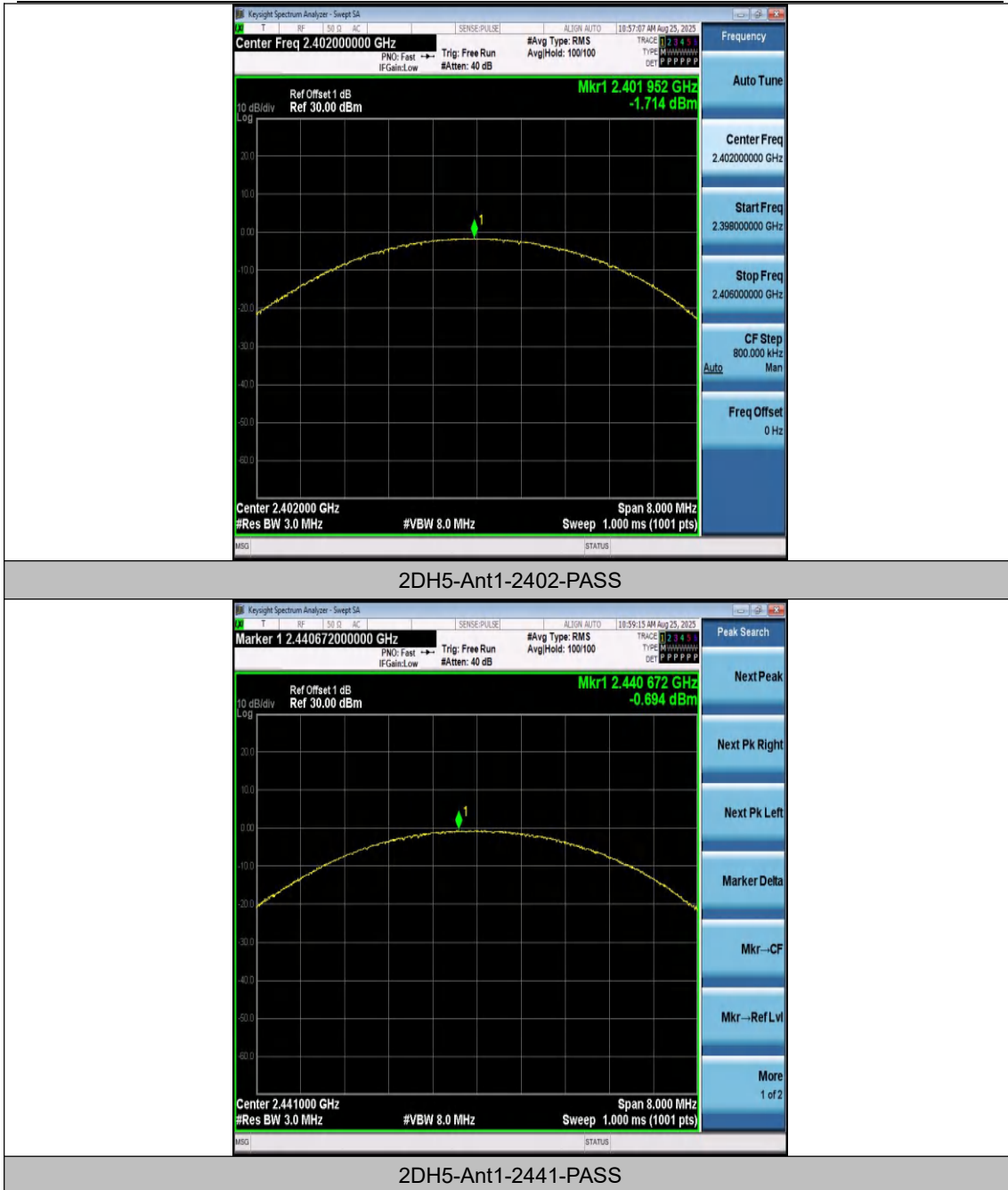




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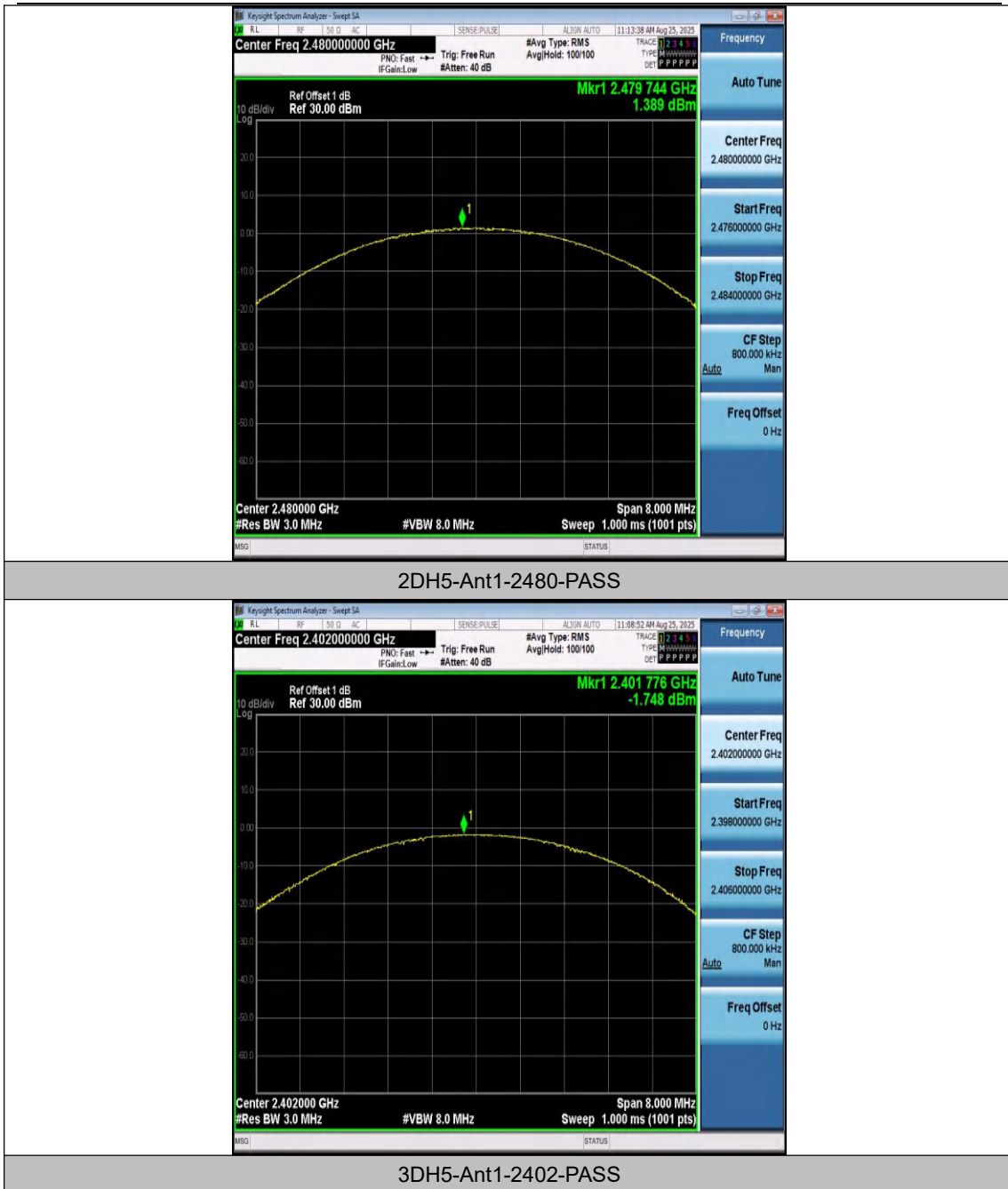
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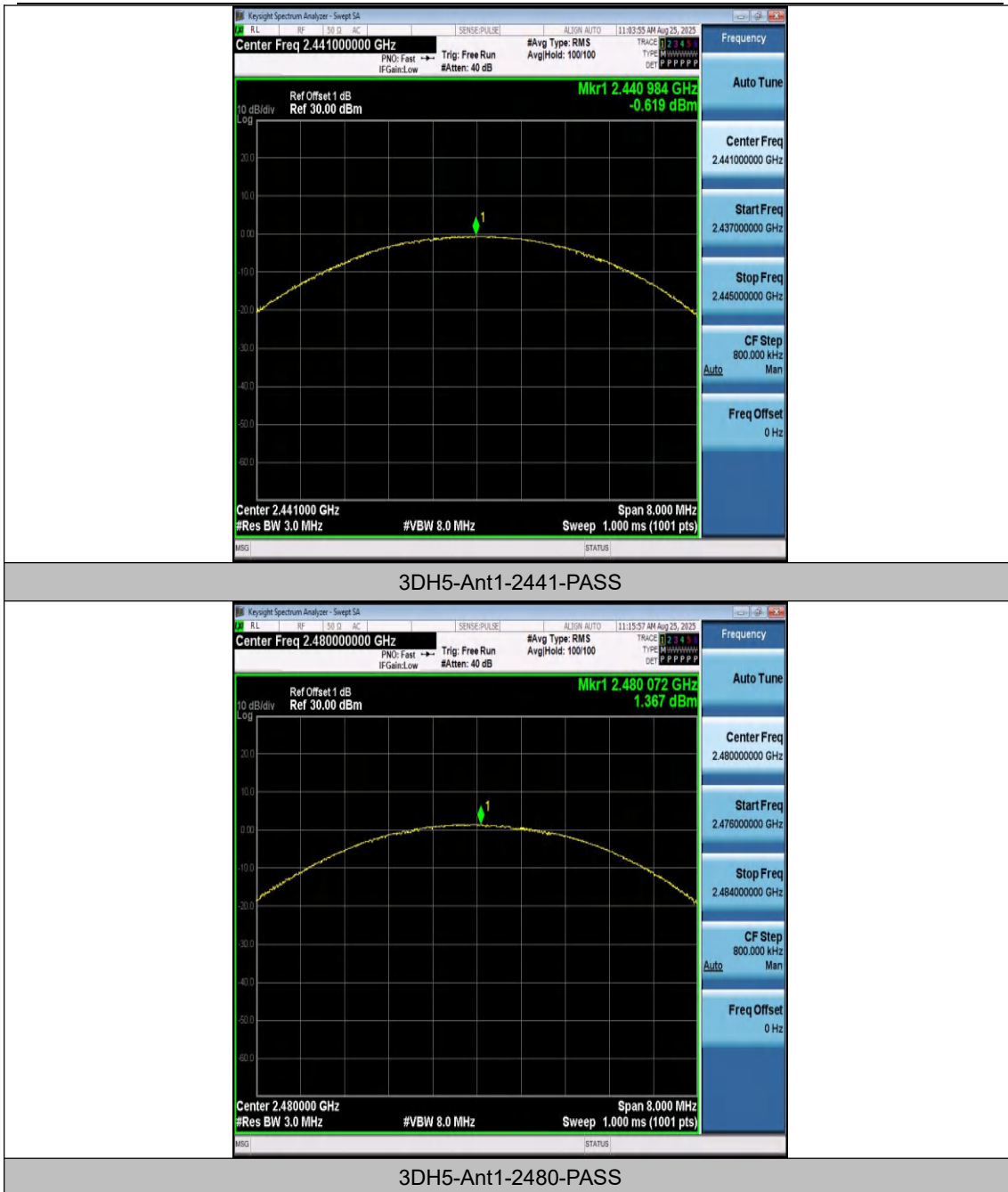
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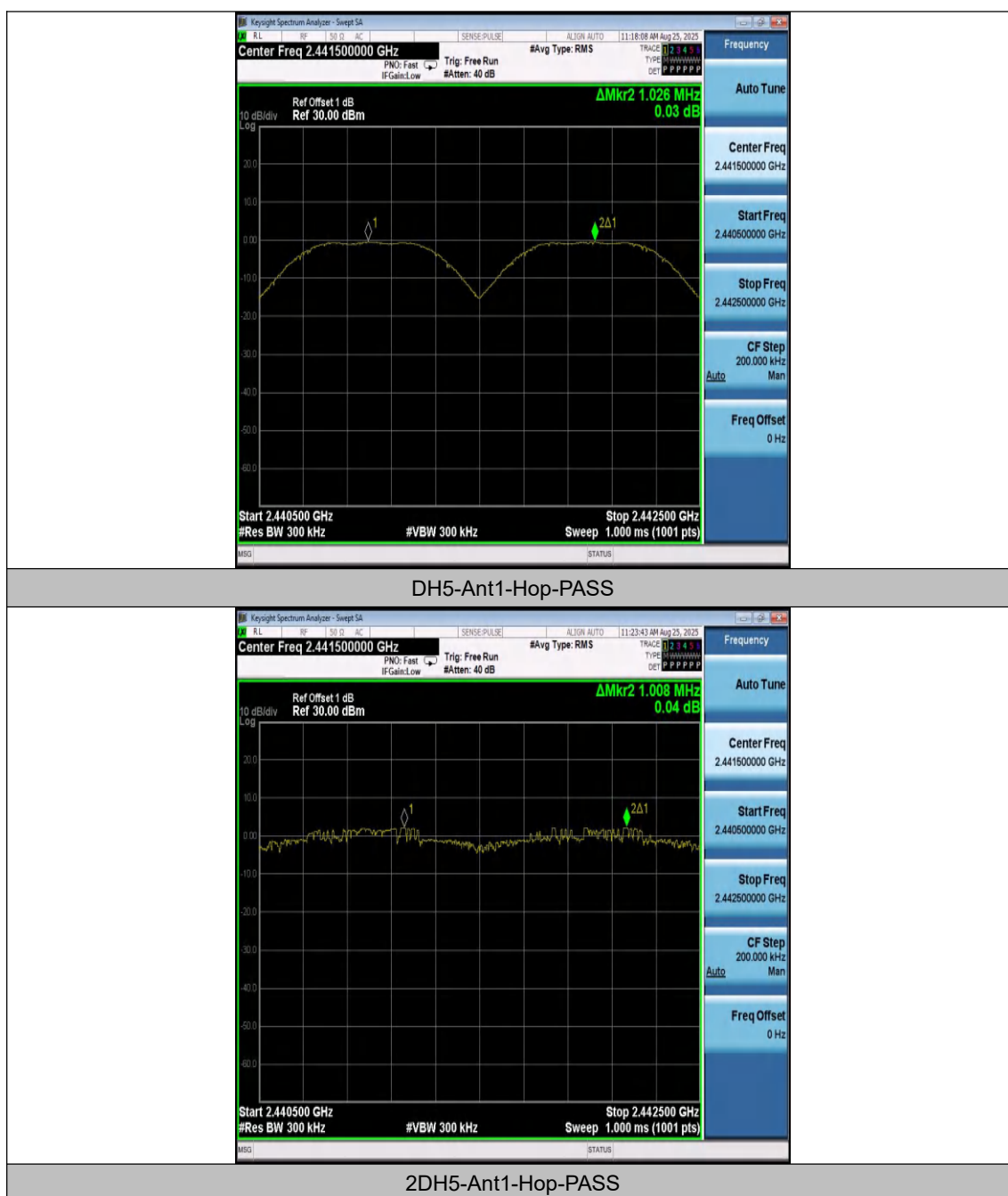
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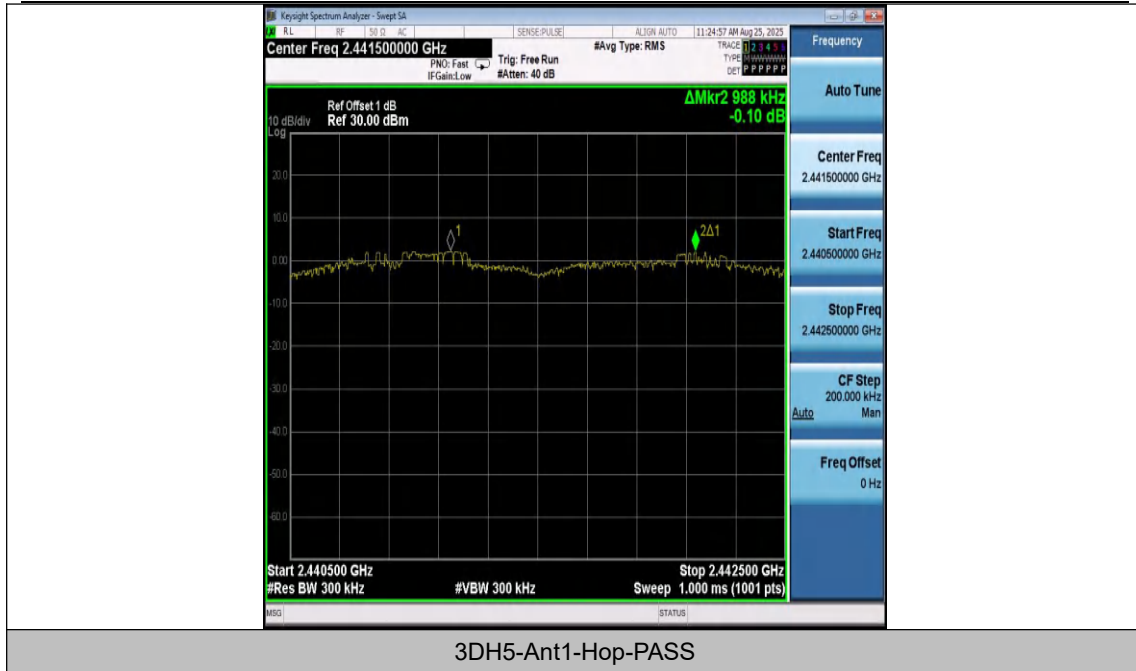
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.026	≥ 0.606	PASS
2DH5	Ant1	Hop	1.008	≥ 0.876	PASS
3DH5	Ant1	Hop	0.988	≥ 0.866	PASS

Test Graphs





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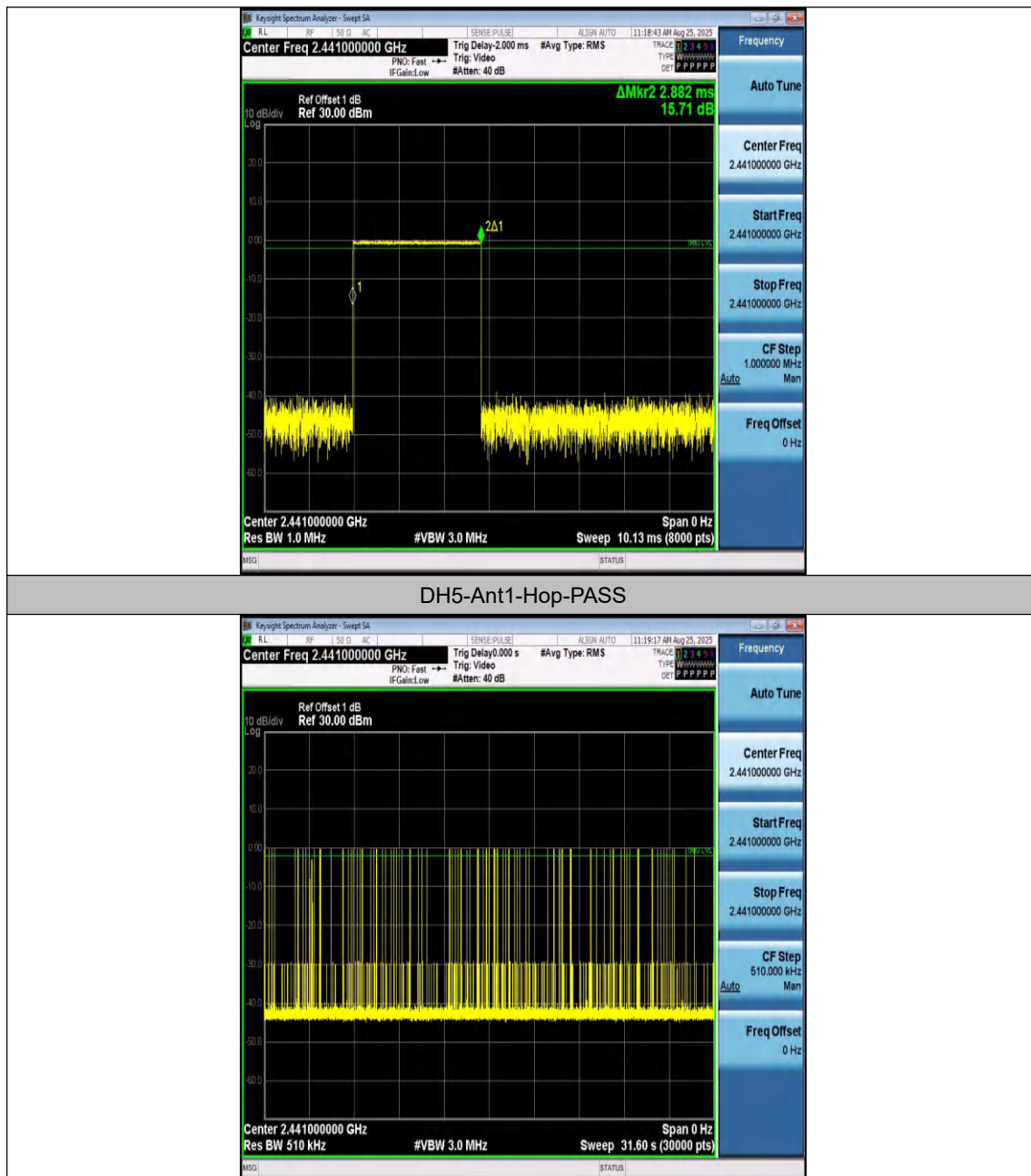
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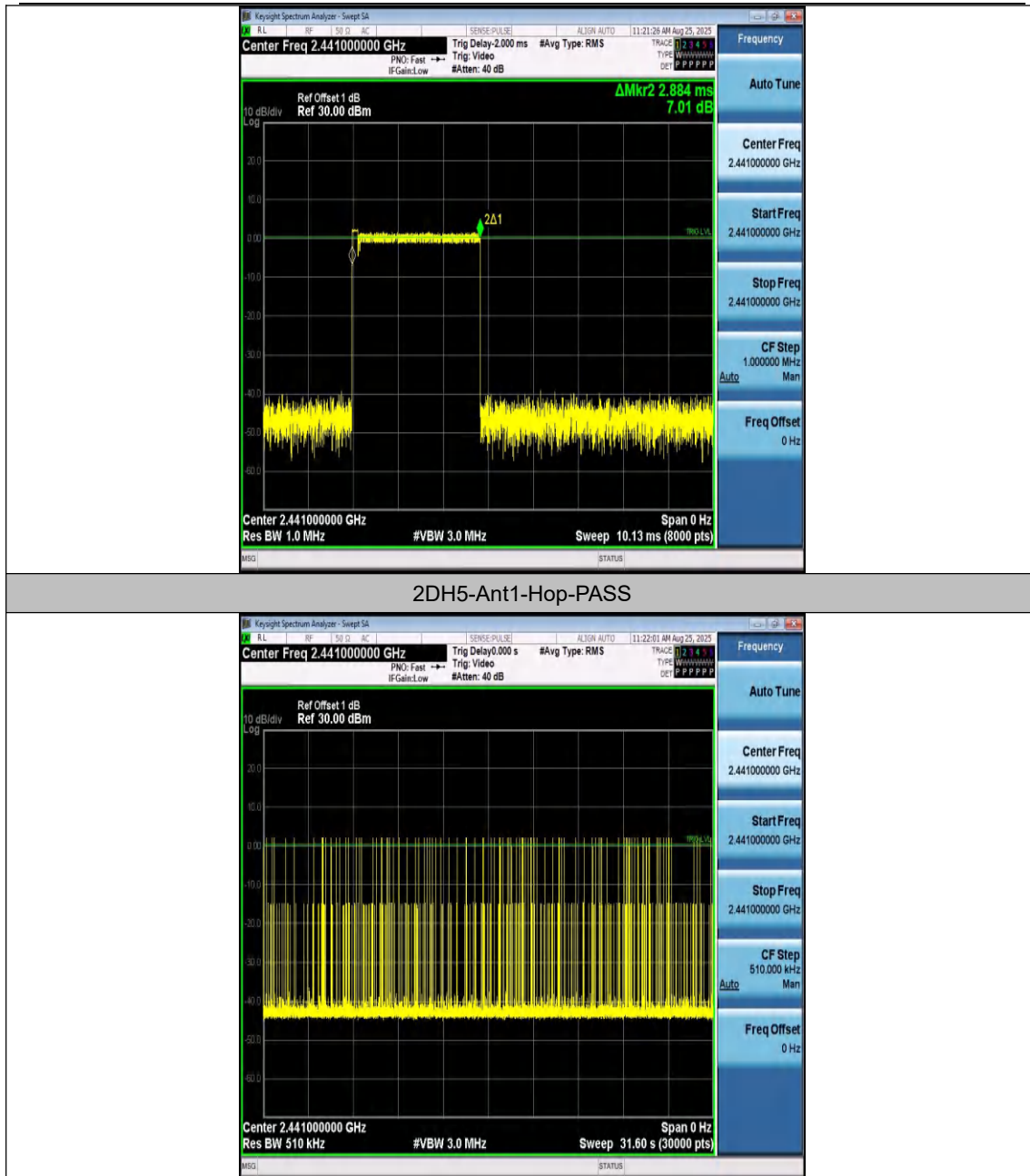
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.882	100	0.288	≤0.4	PASS
2DH5	Ant1	Hop	2.884	103	0.297	≤0.4	PASS
3DH5	Ant1	Hop	2.885	105	0.303	≤0.4	PASS

Test Graphs

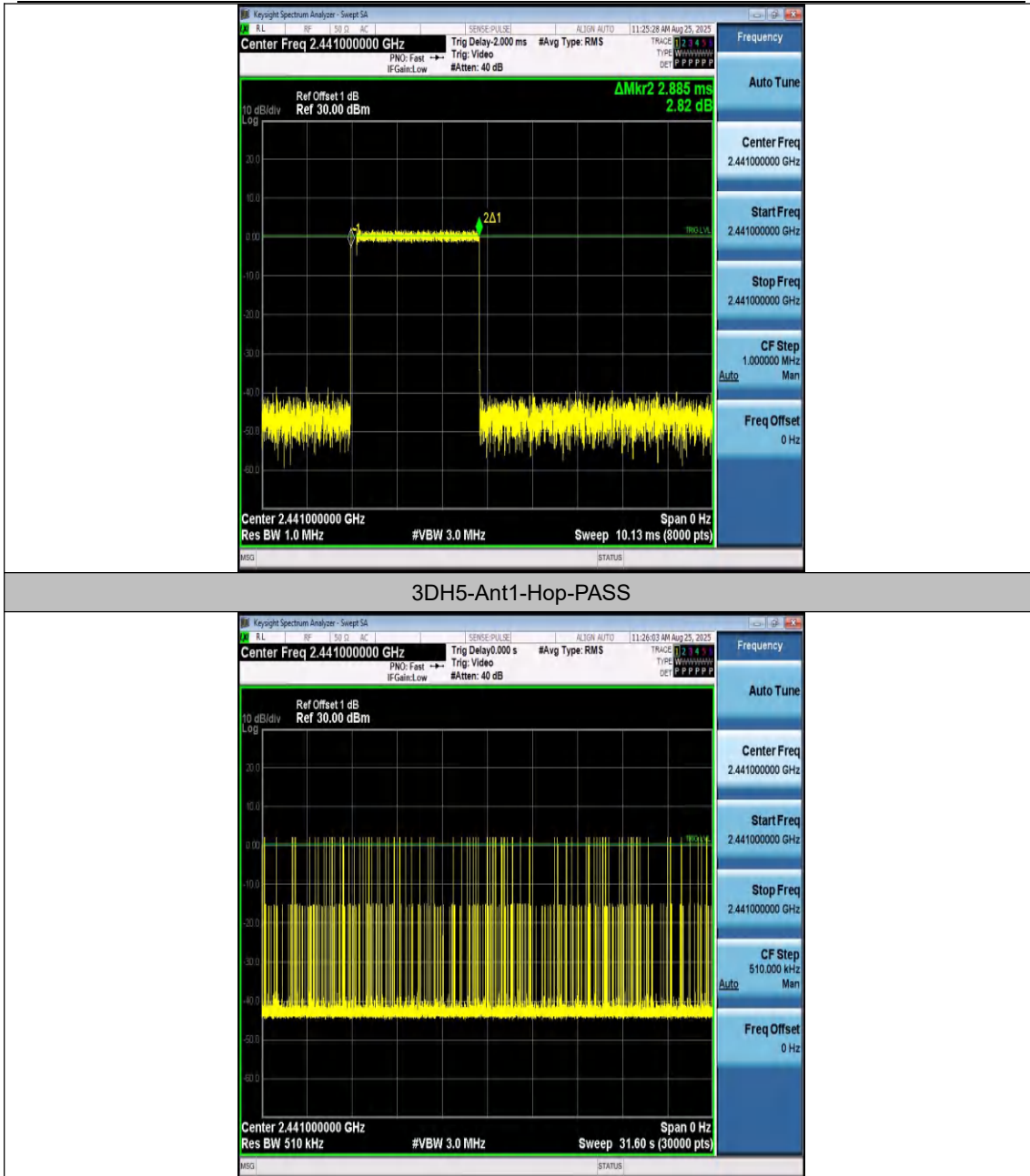




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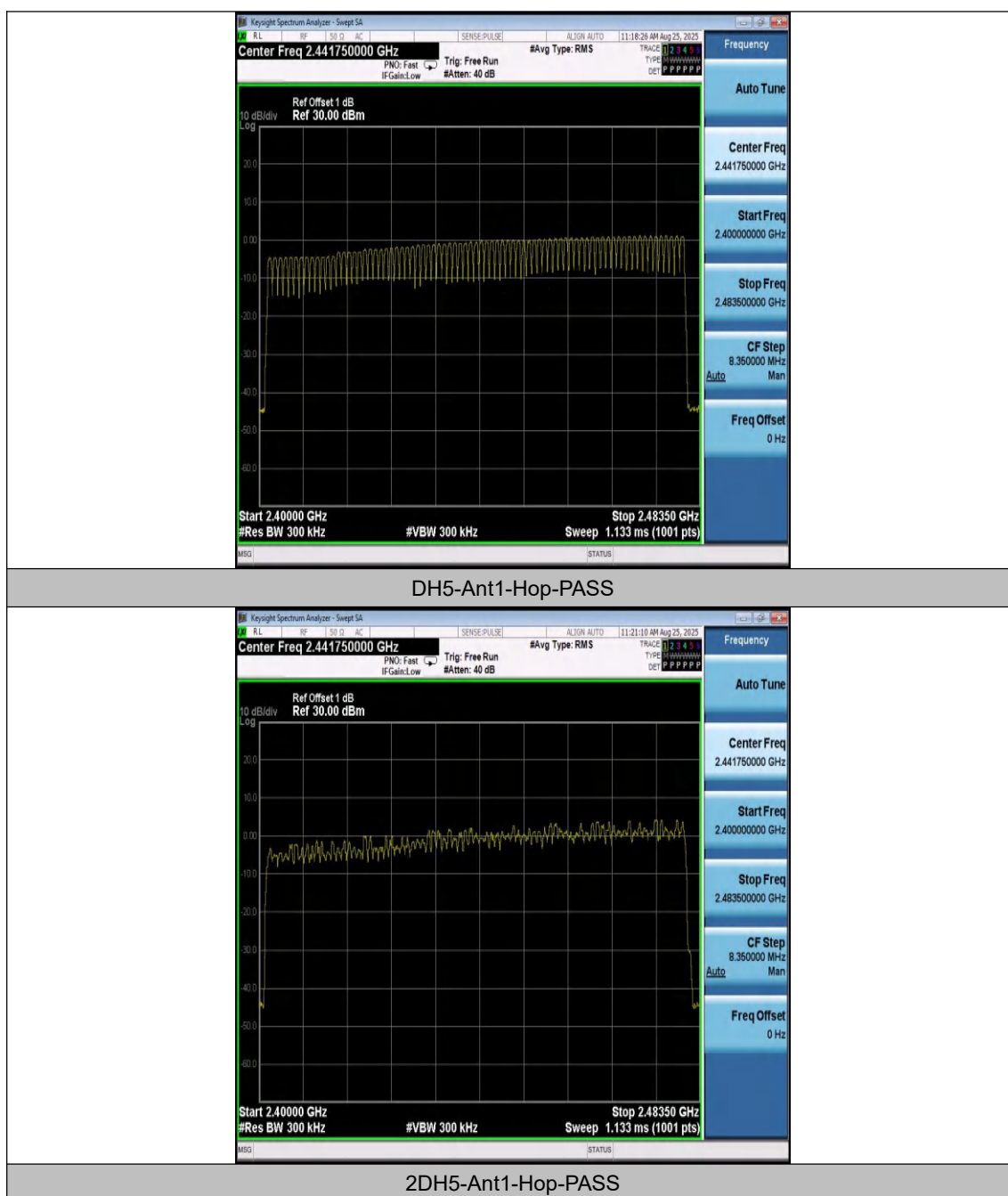
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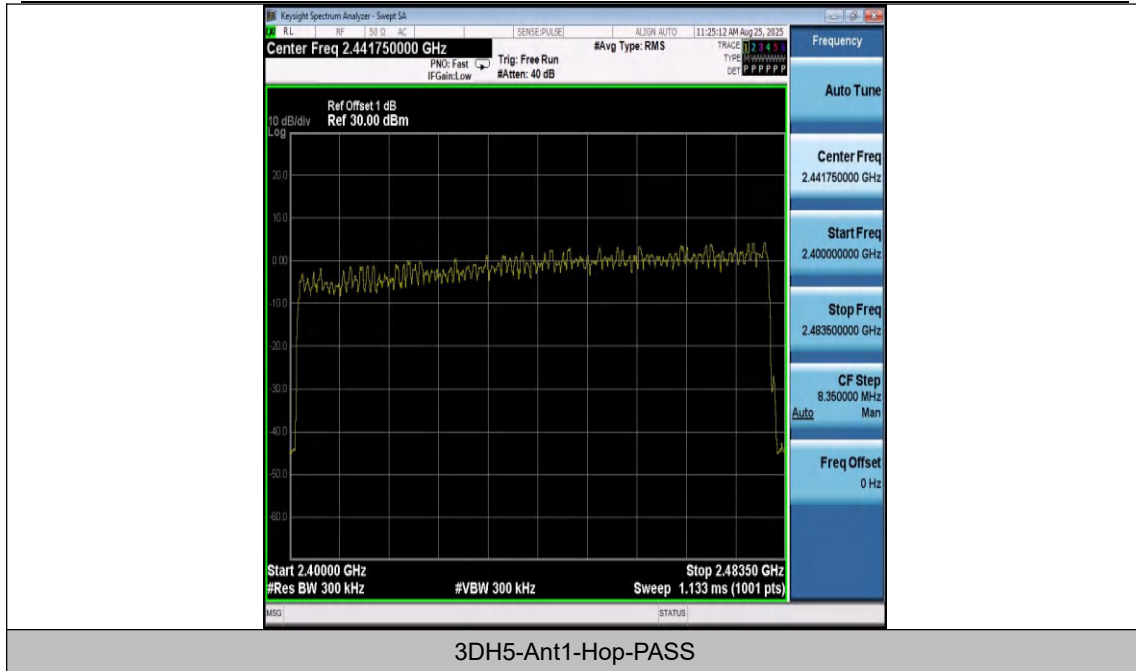
Appendix F: Number of Hopping Channel

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





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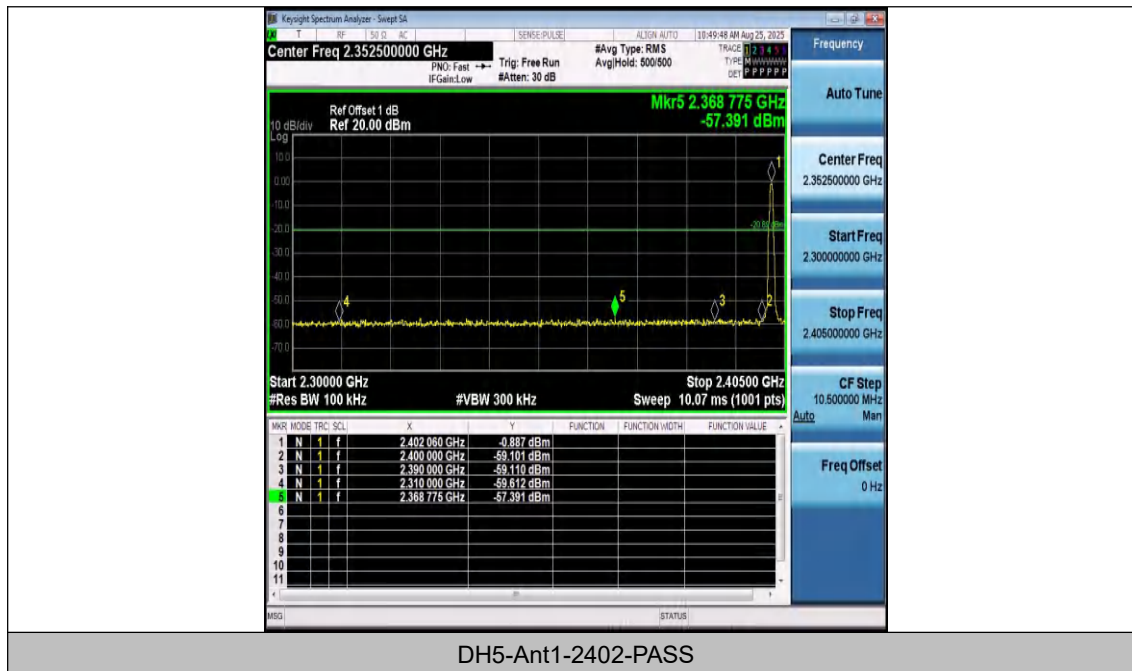
Appendix G: Conducted Band edge

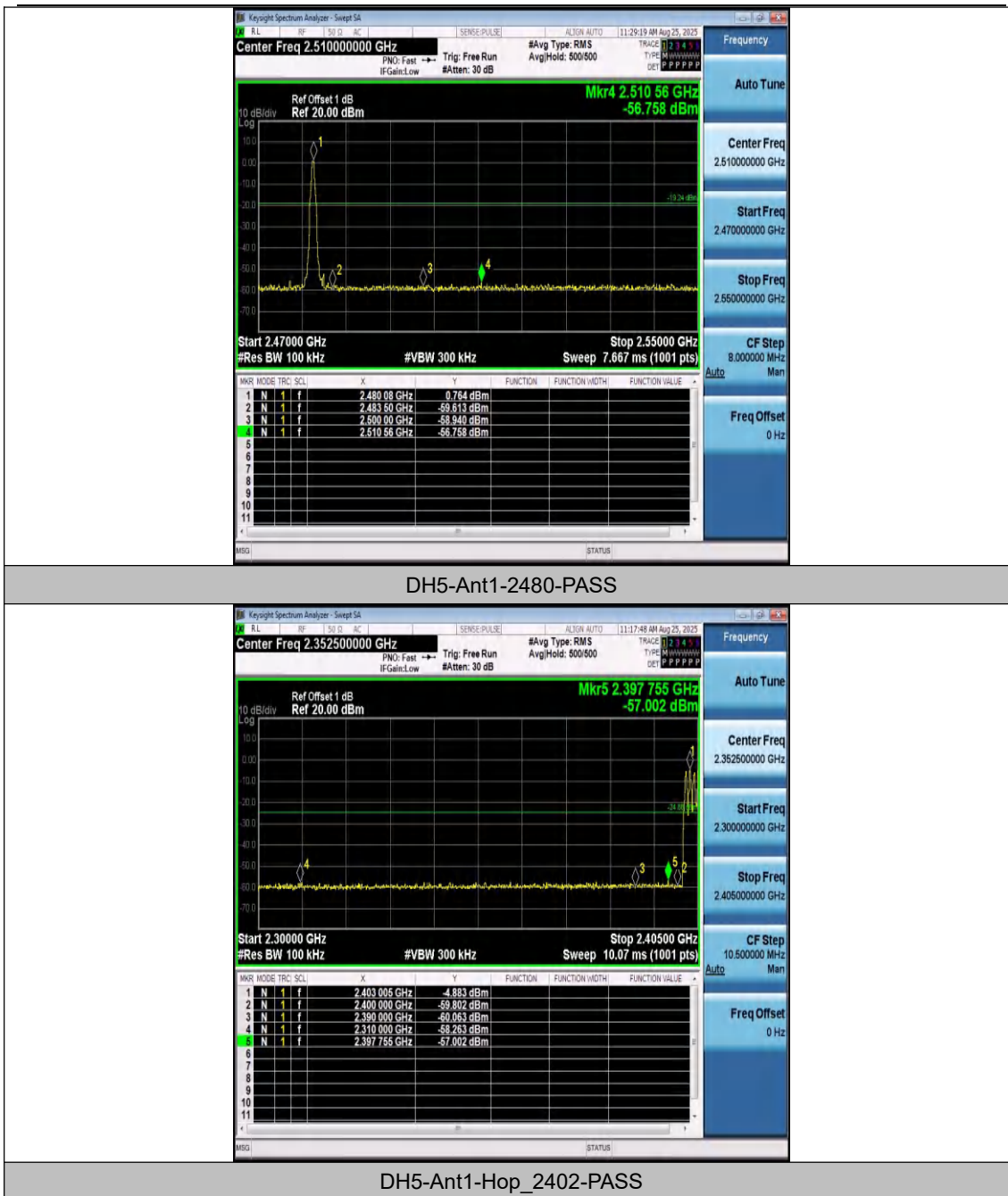
Test Result

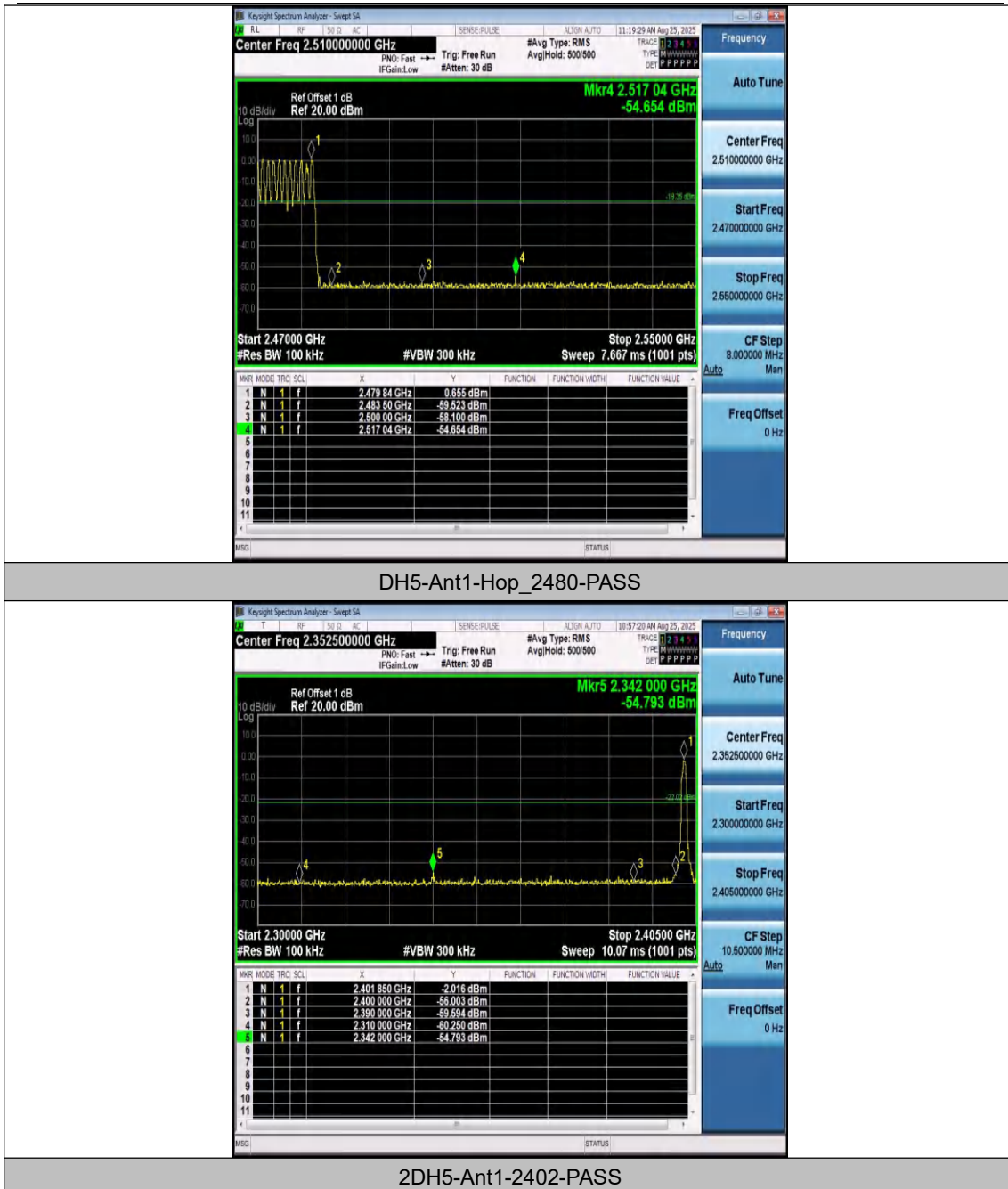
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.89	-57.39	≤-20.89	PASS
DH5	Ant1	High	2480	0.76	-56.76	≤-19.24	PASS
DH5	Ant1	Low	Hop_2402	-4.88	-57	≤-24.88	PASS
DH5	Ant1	High	Hop_2480	0.66	-54.65	≤-19.35	PASS
2DH5	Ant1	Low	2402	-2.02	-54.79	≤-22.02	PASS
2DH5	Ant1	High	2480	0.93	-56.24	≤-19.07	PASS
2DH5	Ant1	Low	Hop_2402	-3.91	-56.76	≤-23.91	PASS
2DH5	Ant1	High	Hop_2480	2.83	-56.66	≤-17.17	PASS
3DH5	Ant1	Low	2402	-2.16	-56.91	≤-22.16	PASS
3DH5	Ant1	High	2480	0.67	-56.08	≤-19.34	PASS
3DH5	Ant1	Low	Hop_2402	-4.57	-56.29	≤-24.57	PASS
3DH5	Ant1	High	Hop_2480	1.15	-56.32	≤-18.85	PASS

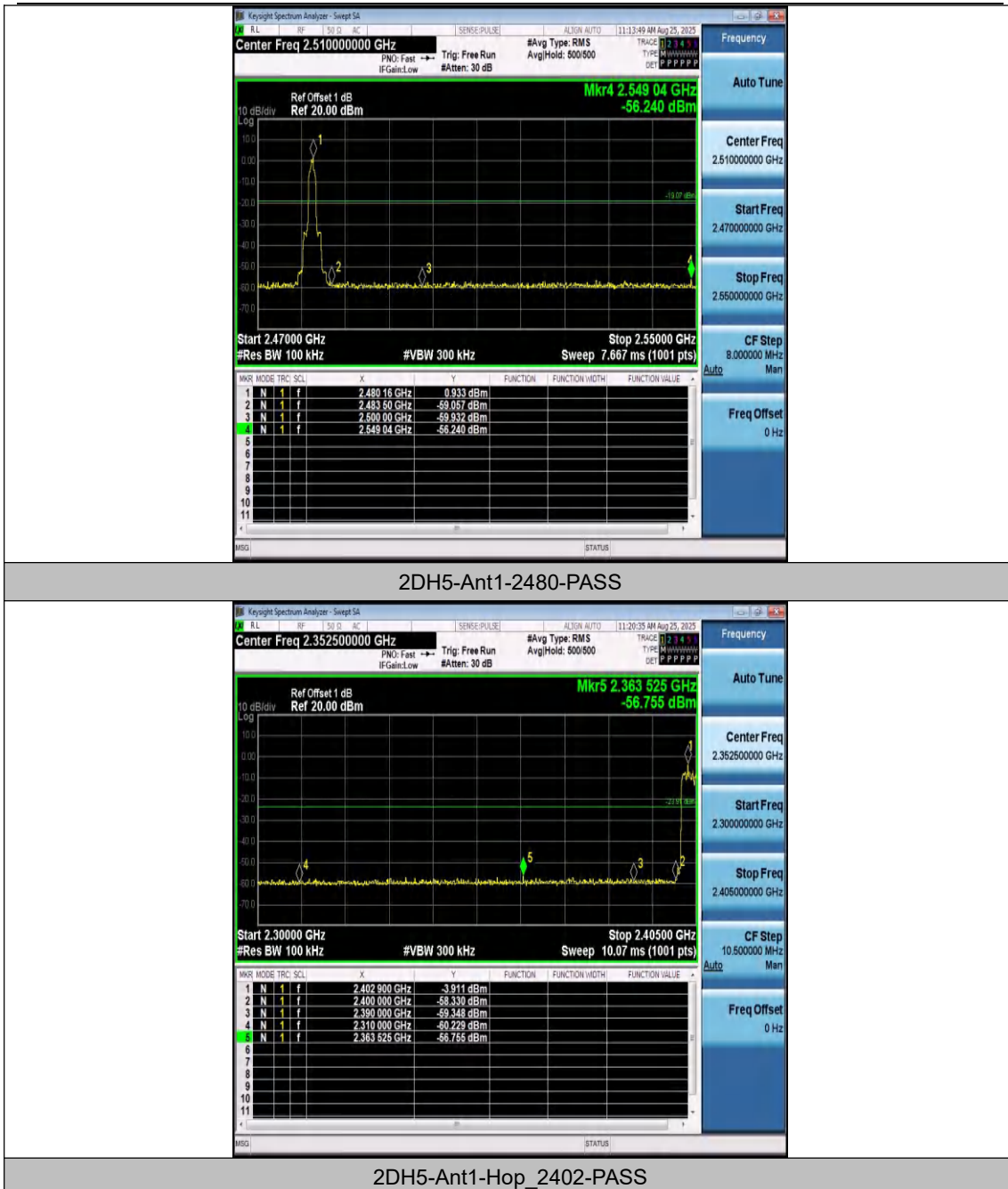
Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

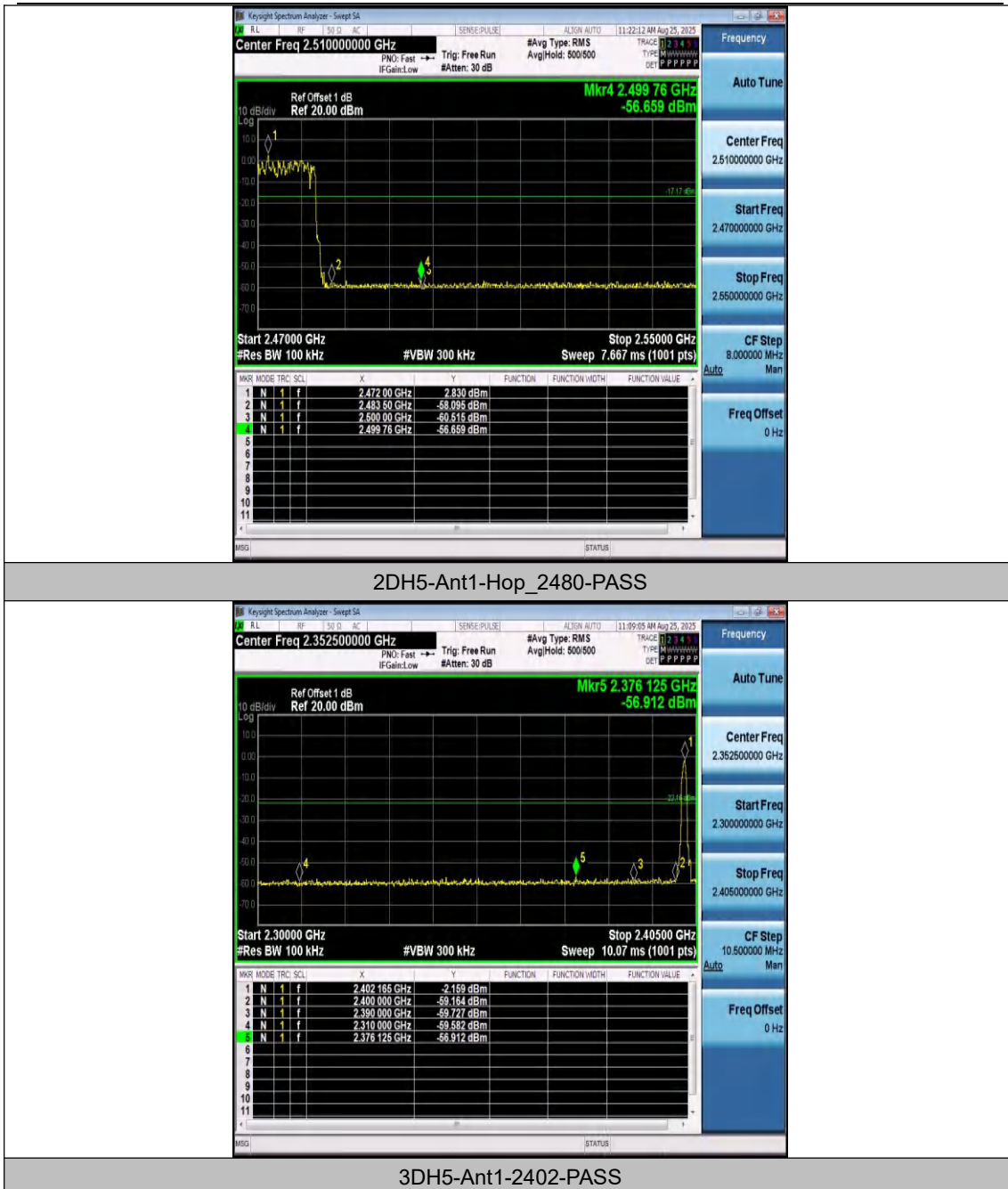
Test Graphs

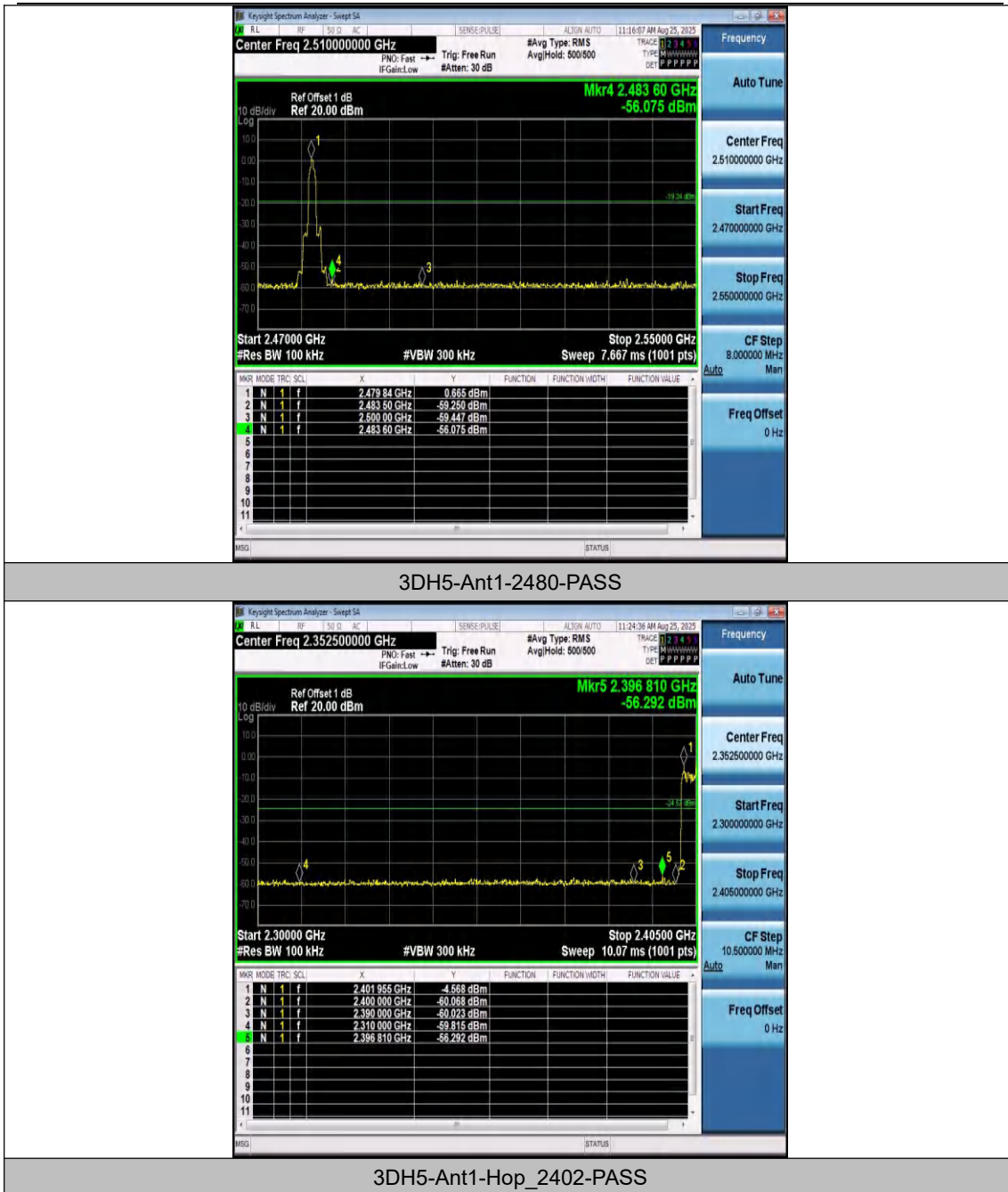


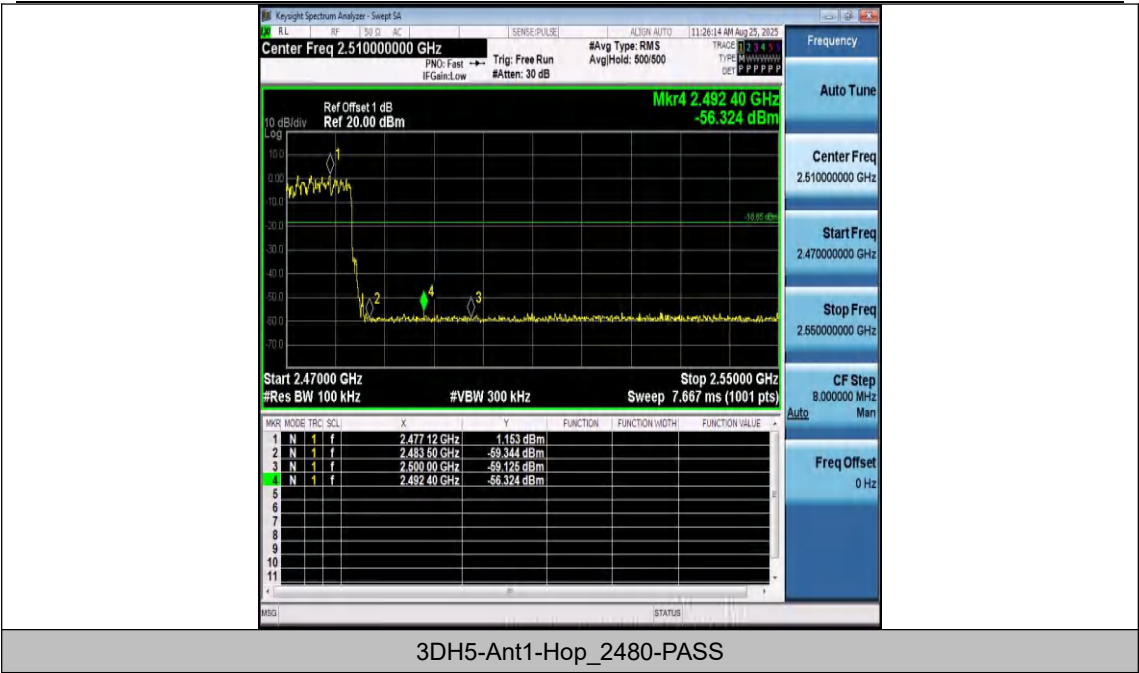












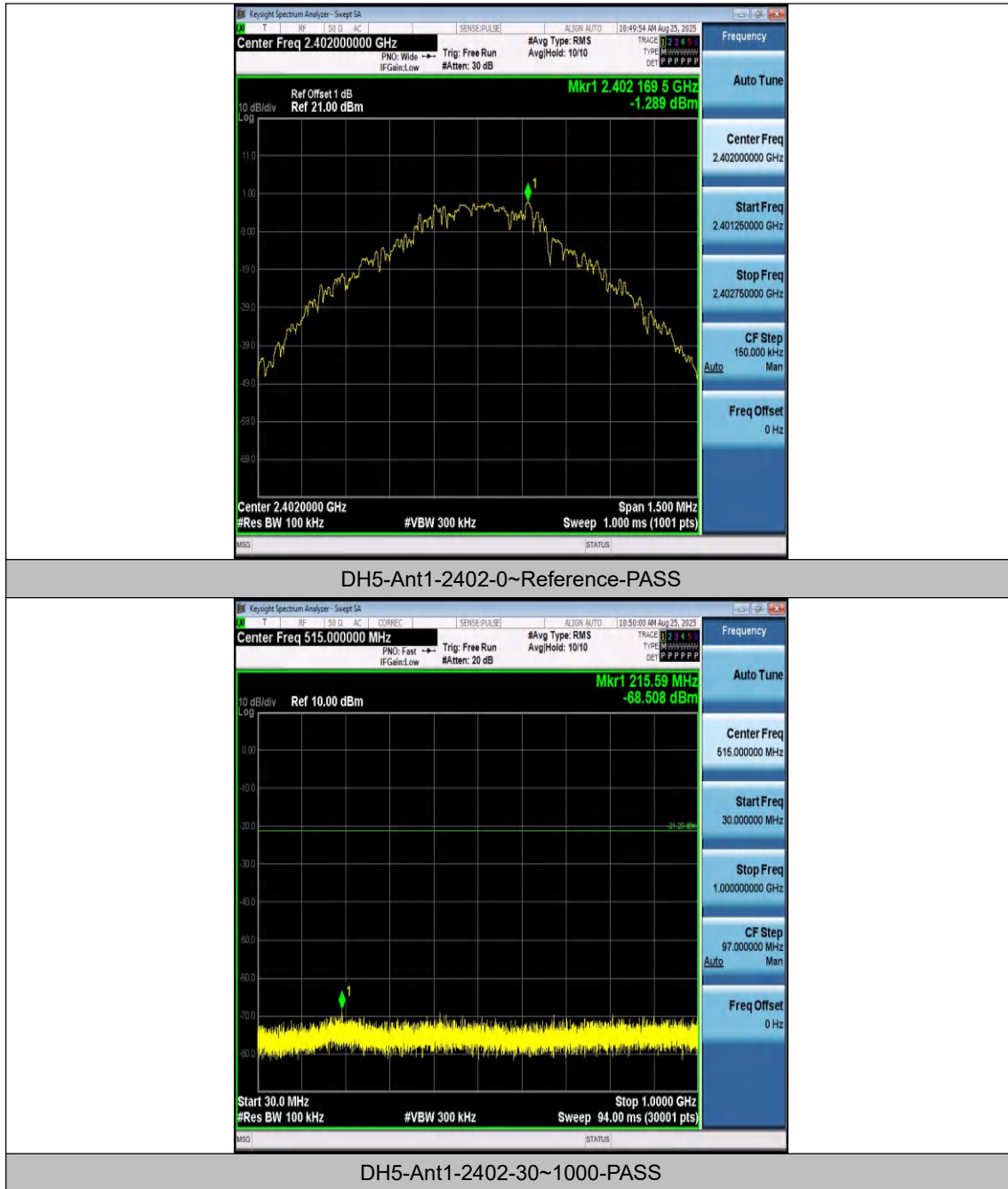
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.29	-1.29	---	PASS
DH5	Ant1	2402	30~1000	-1.29	-68.51	≤-21.29	PASS
DH5	Ant1	2402	1000~26500	-1.29	-53.24	≤-21.29	PASS
DH5	Ant1	2441	0~Reference	-1.29	-1.29	---	PASS
DH5	Ant1	2441	30~1000	-1.29	-68.7	≤-21.29	PASS
DH5	Ant1	2441	1000~26500	-1.29	-53.28	≤-21.29	PASS
DH5	Ant1	2480	0~Reference	0.38	0.38	---	PASS
DH5	Ant1	2480	30~1000	0.38	-69.01	≤-19.62	PASS
DH5	Ant1	2480	1000~26500	0.38	-54.13	≤-19.62	PASS
2DH5	Ant1	2402	0~Reference	-2.59	-2.59	---	PASS
2DH5	Ant1	2402	30~1000	-2.59	-68.5	≤-22.59	PASS
2DH5	Ant1	2402	1000~26500	-2.59	-52.94	≤-22.59	PASS
2DH5	Ant1	2441	0~Reference	-2.97	-2.97	---	PASS
2DH5	Ant1	2441	30~1000	-2.97	-68.75	≤-22.97	PASS
2DH5	Ant1	2441	1000~26500	-2.97	-53.71	≤-22.97	PASS
2DH5	Ant1	2480	0~Reference	-0.10	-0.10	---	PASS
2DH5	Ant1	2480	30~1000	-0.10	-69.47	≤-20.1	PASS
2DH5	Ant1	2480	1000~26500	-0.10	-53.21	≤-20.1	PASS
3DH5	Ant1	2402	0~Reference	-3.54	-3.54	---	PASS
3DH5	Ant1	2402	30~1000	-3.54	-68.32	≤-23.54	PASS
3DH5	Ant1	2402	1000~26500	-3.54	-52.25	≤-23.54	PASS
3DH5	Ant1	2441	0~Reference	-4.58	-4.58	---	PASS
3DH5	Ant1	2441	30~1000	-4.58	-68.26	≤-24.58	PASS
3DH5	Ant1	2441	1000~26500	-4.58	-53.6	≤-24.58	PASS
3DH5	Ant1	2480	0~Reference	-2.94	-2.94	---	PASS
3DH5	Ant1	2480	30~1000	-2.94	-67.38	≤-22.94	PASS
3DH5	Ant1	2480	1000~26500	-2.94	-54.04	≤-22.94	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

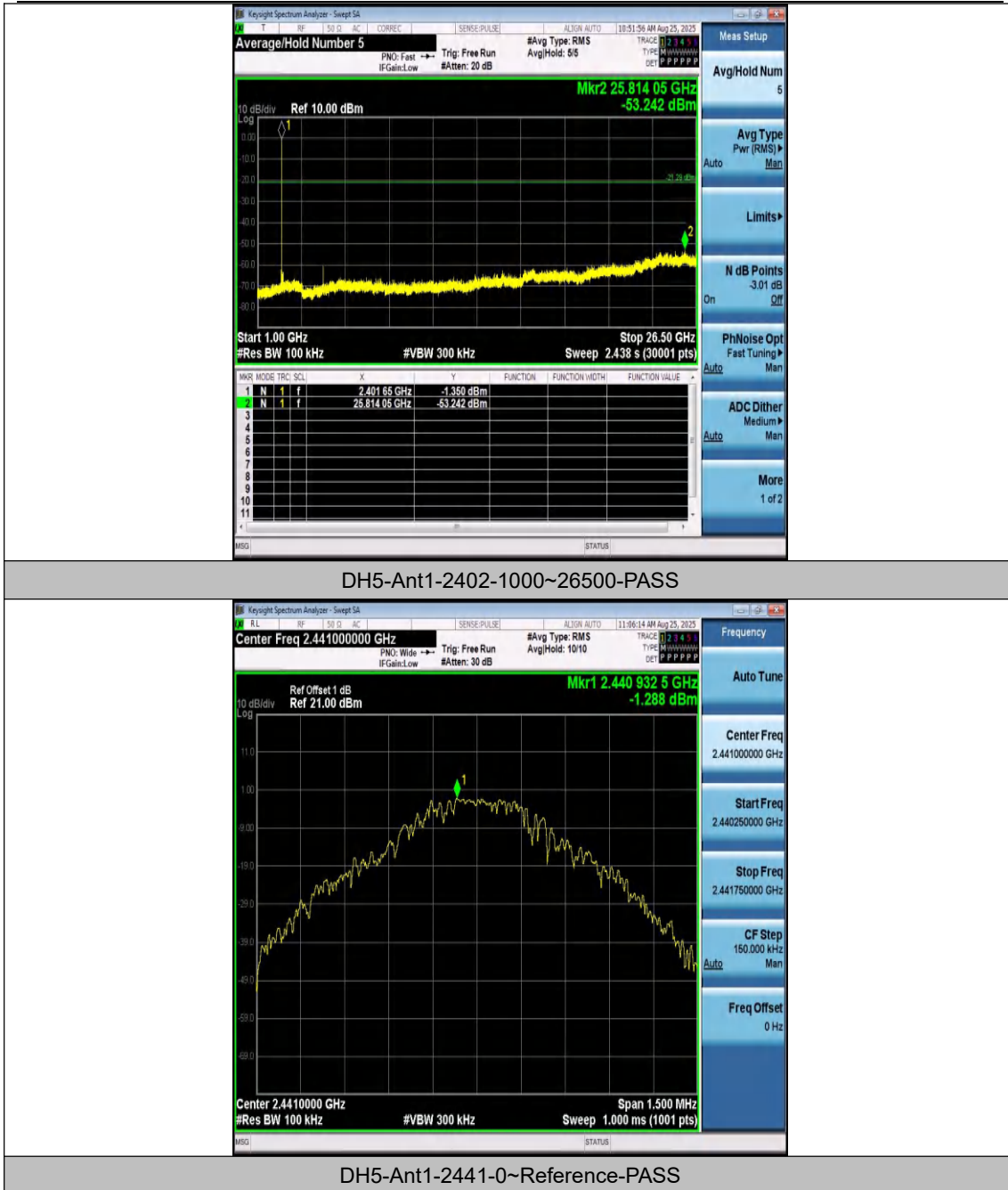
Test Graphs



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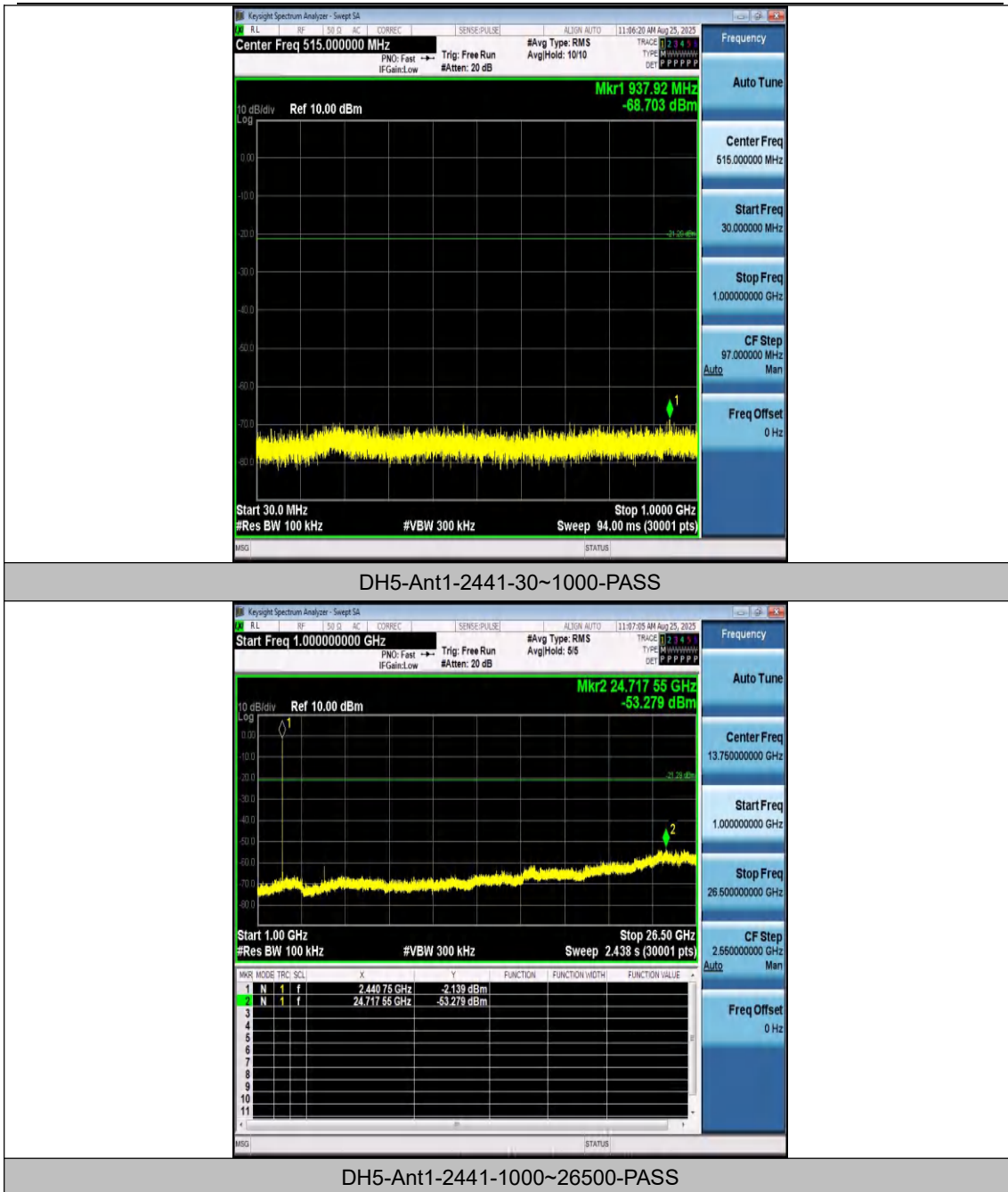
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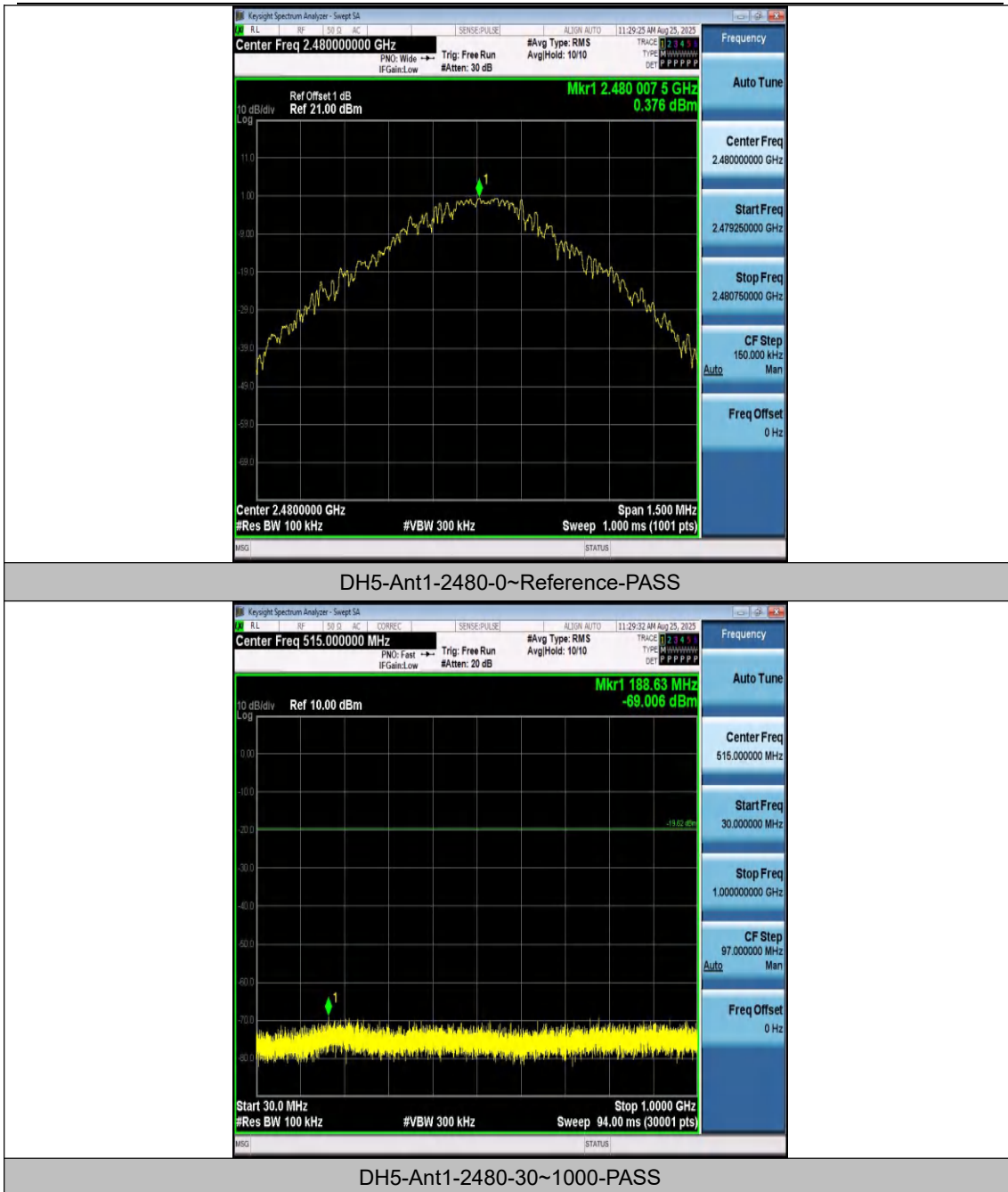
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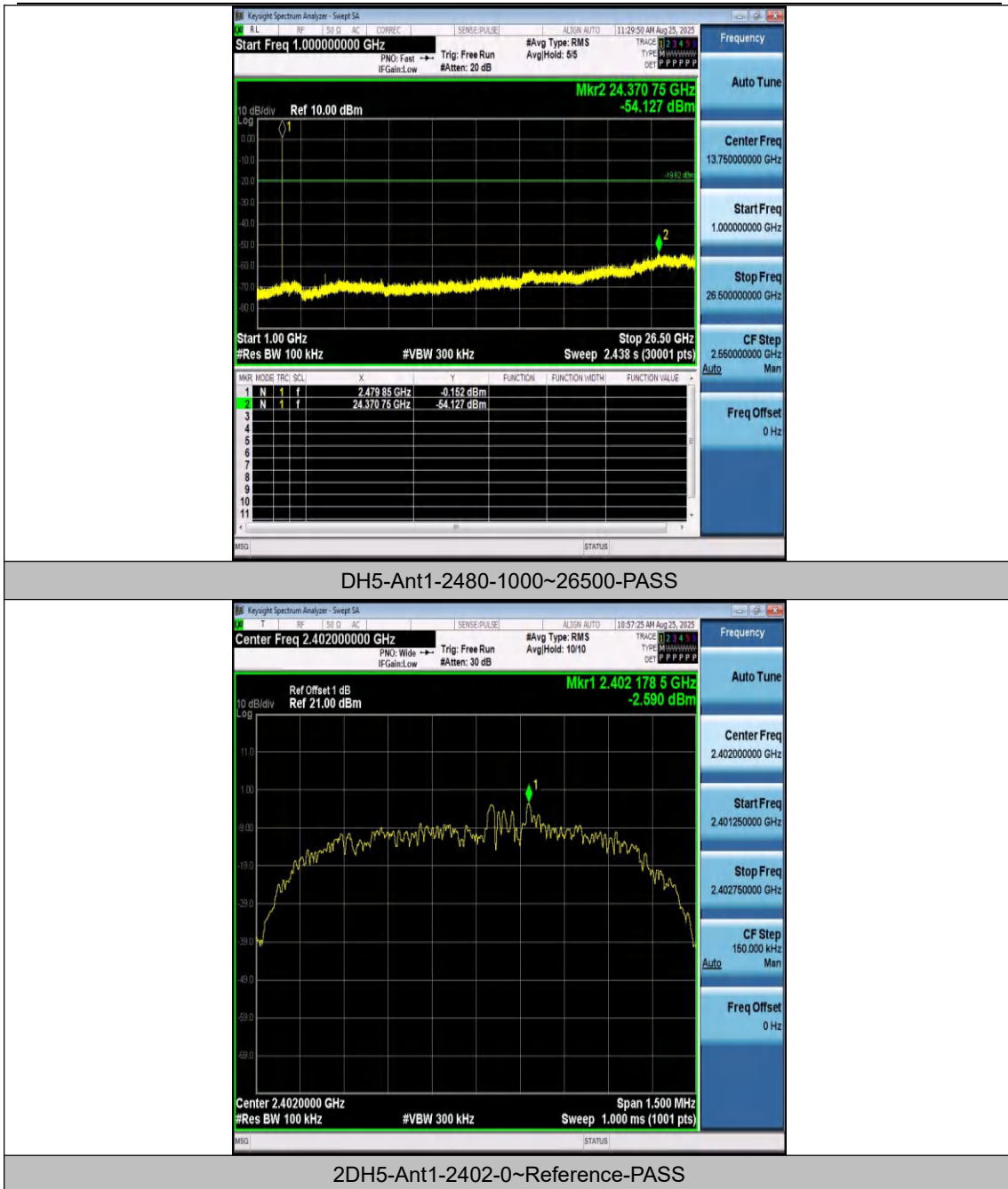
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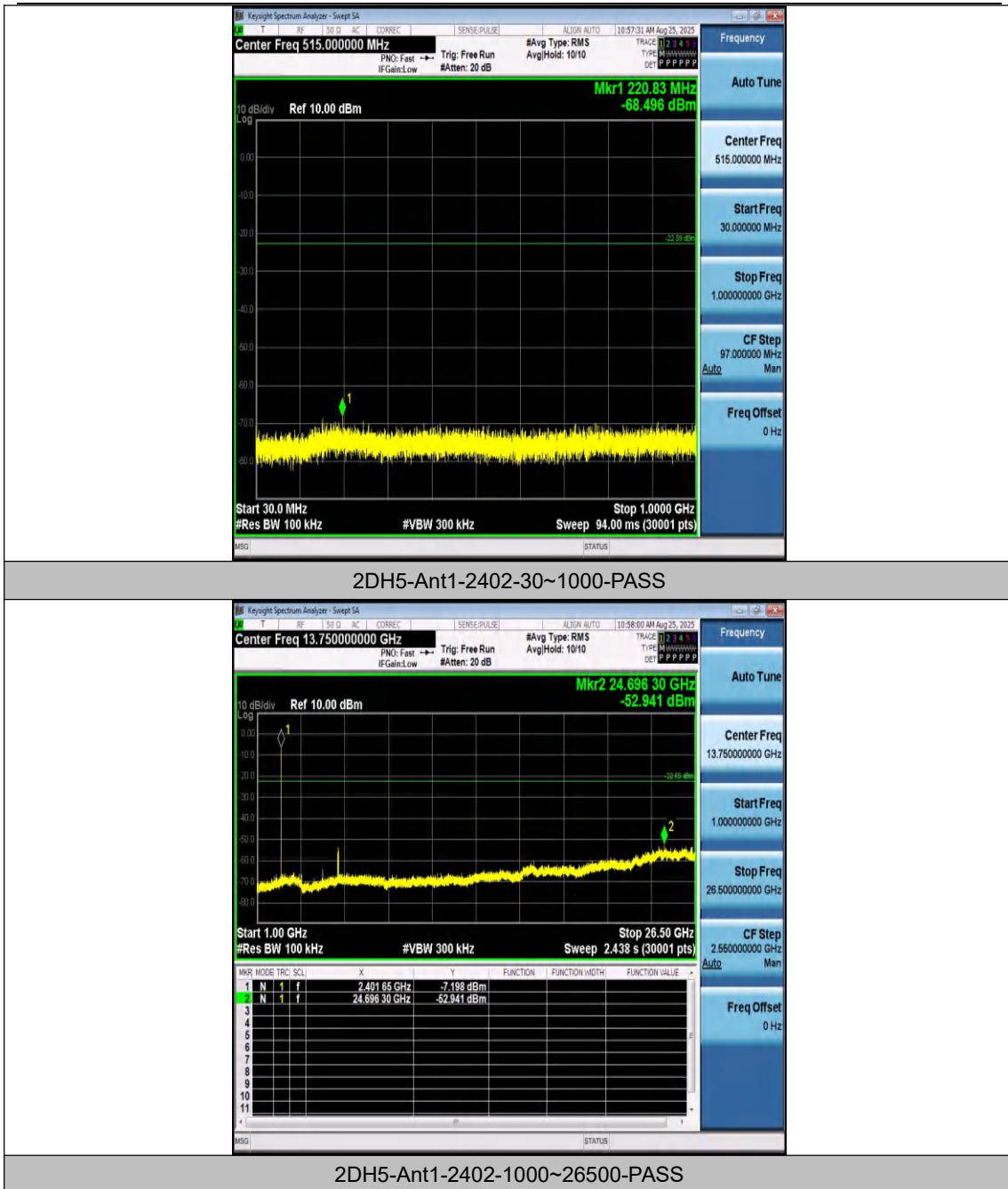


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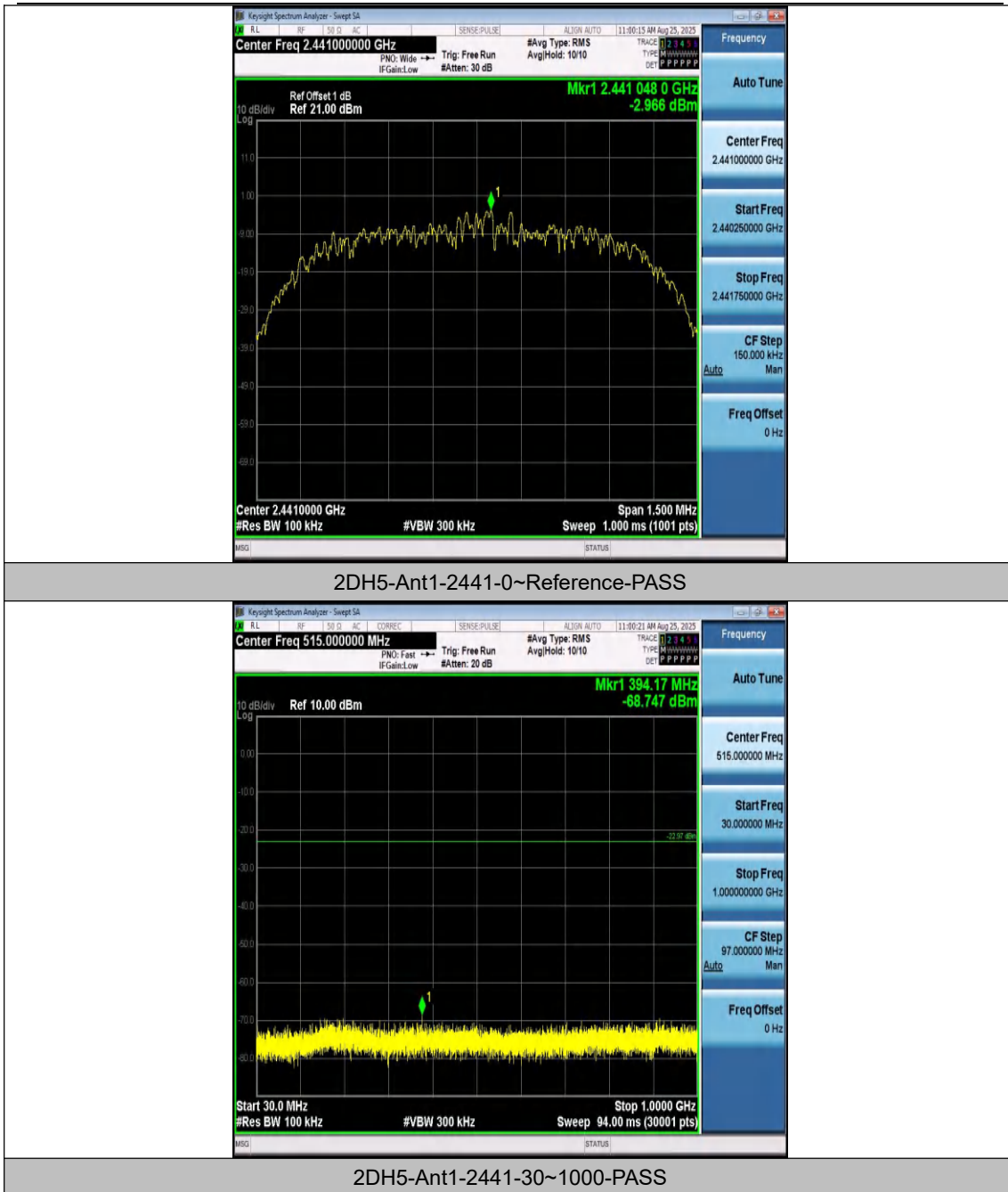




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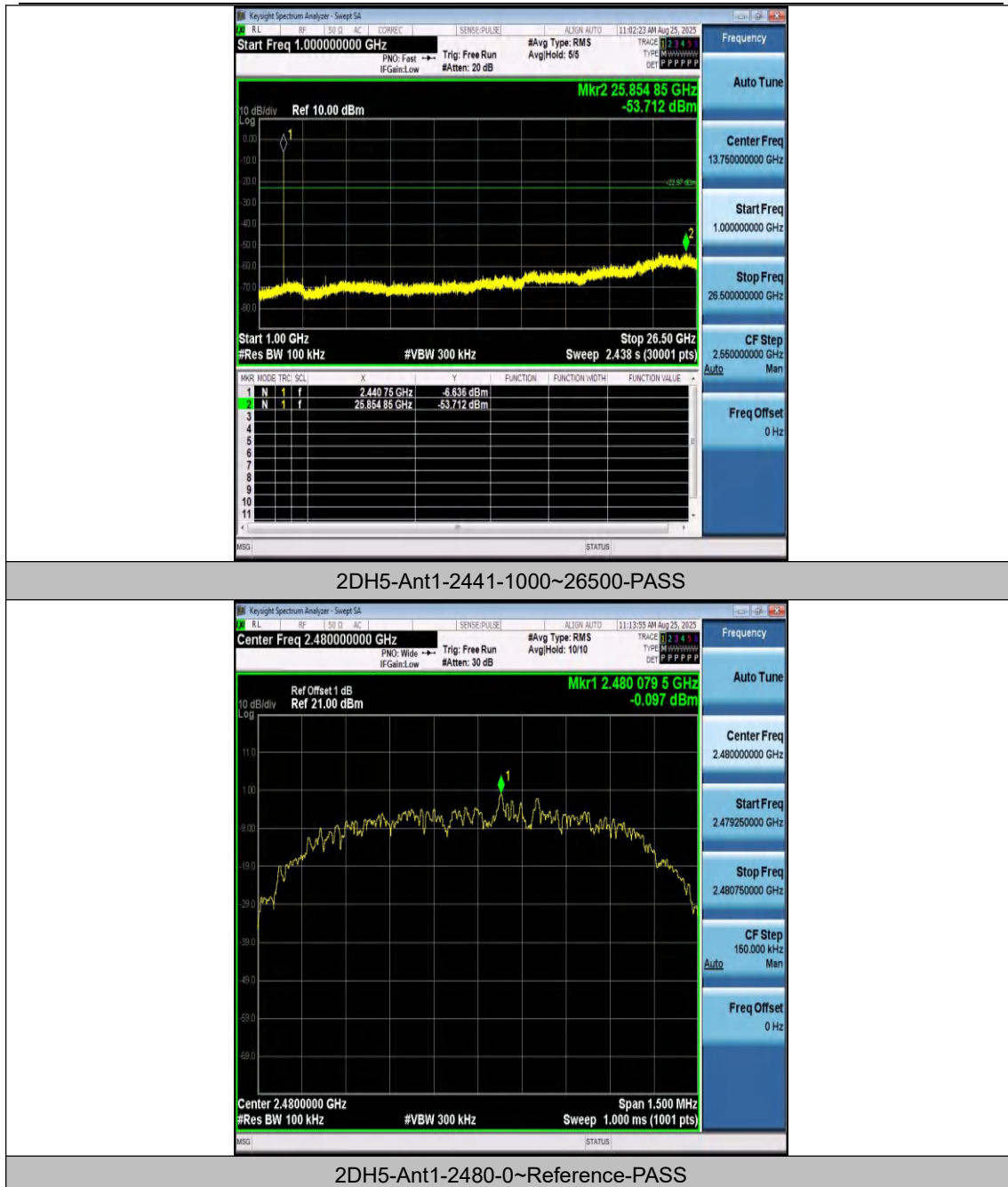
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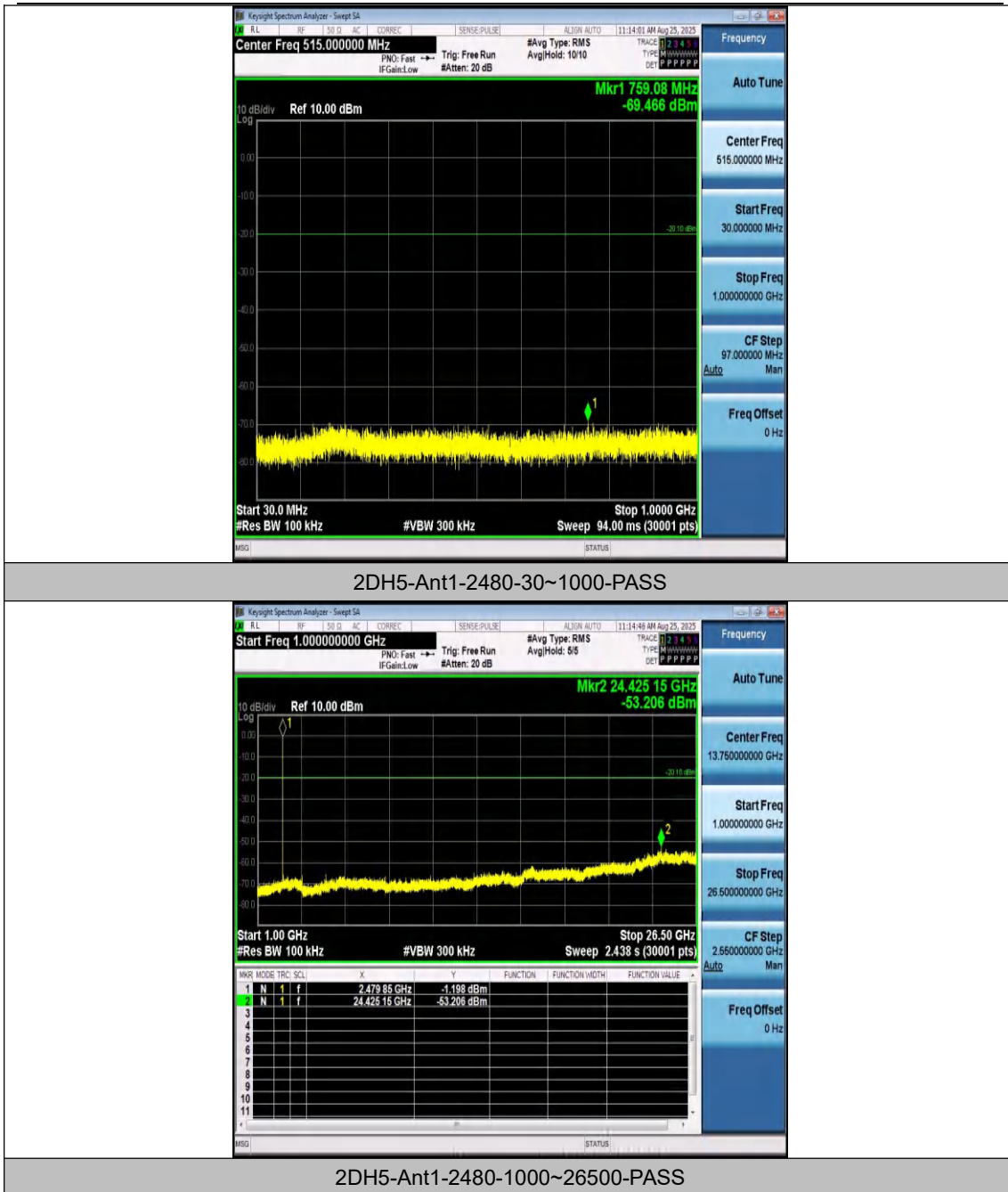


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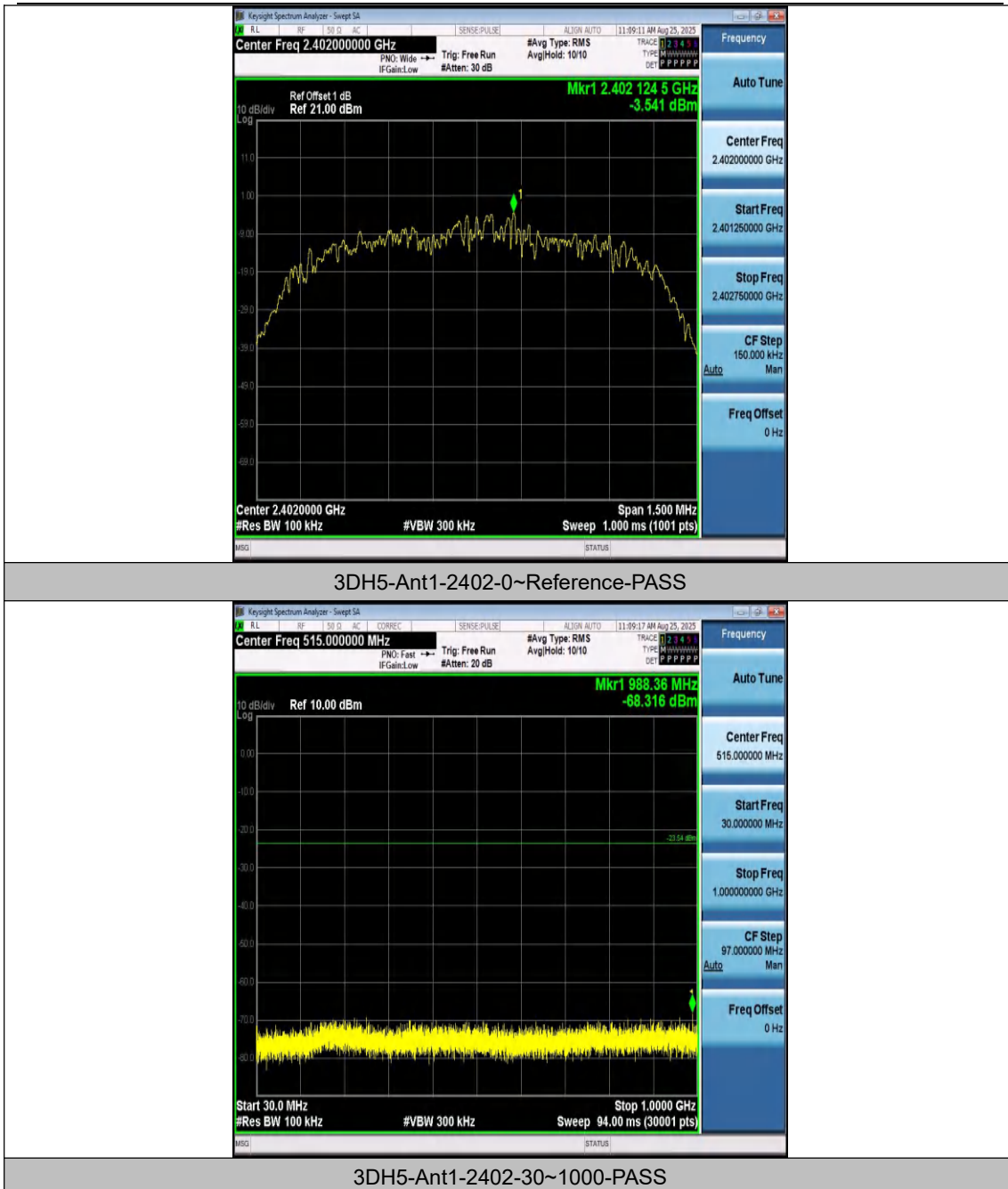




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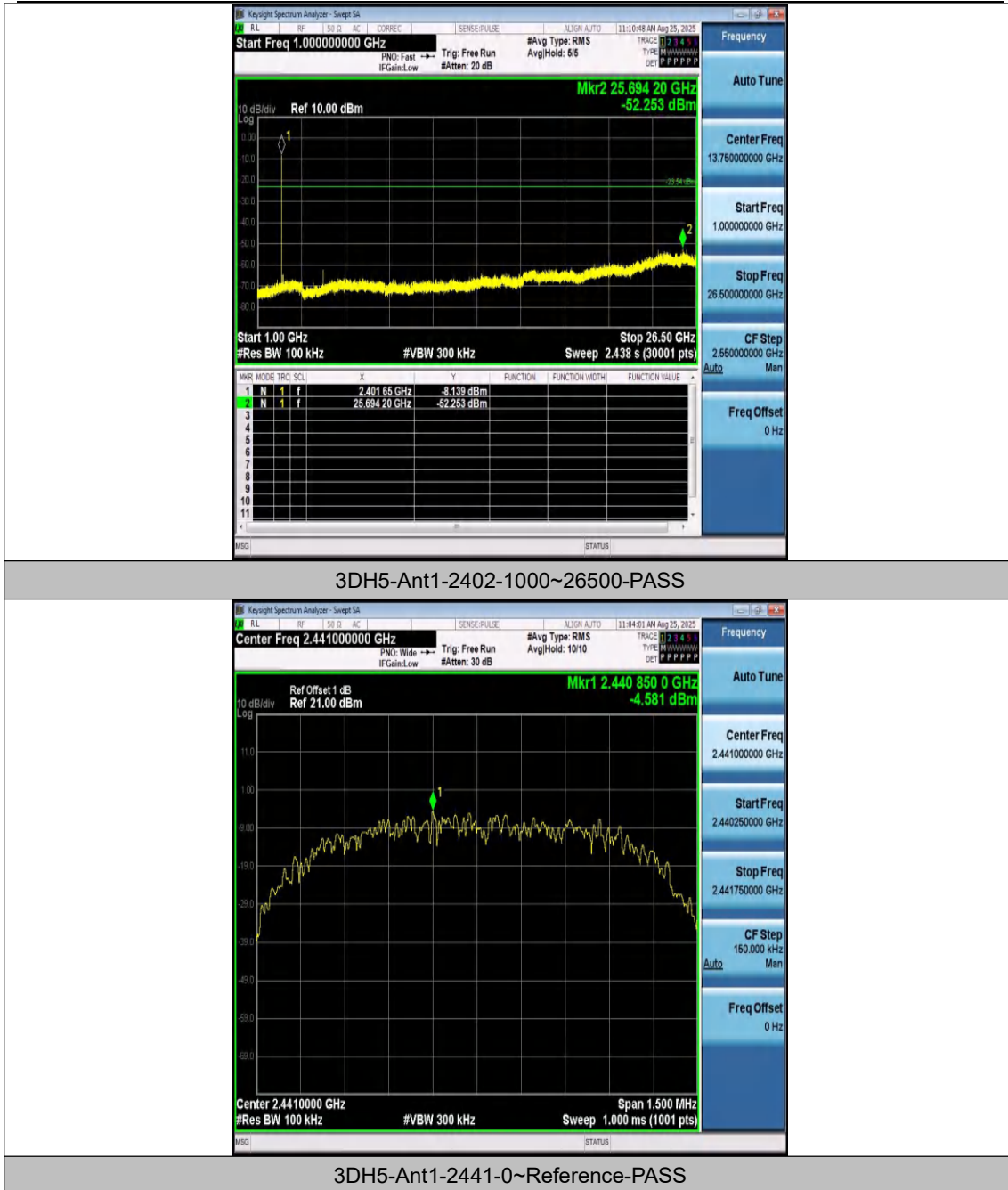
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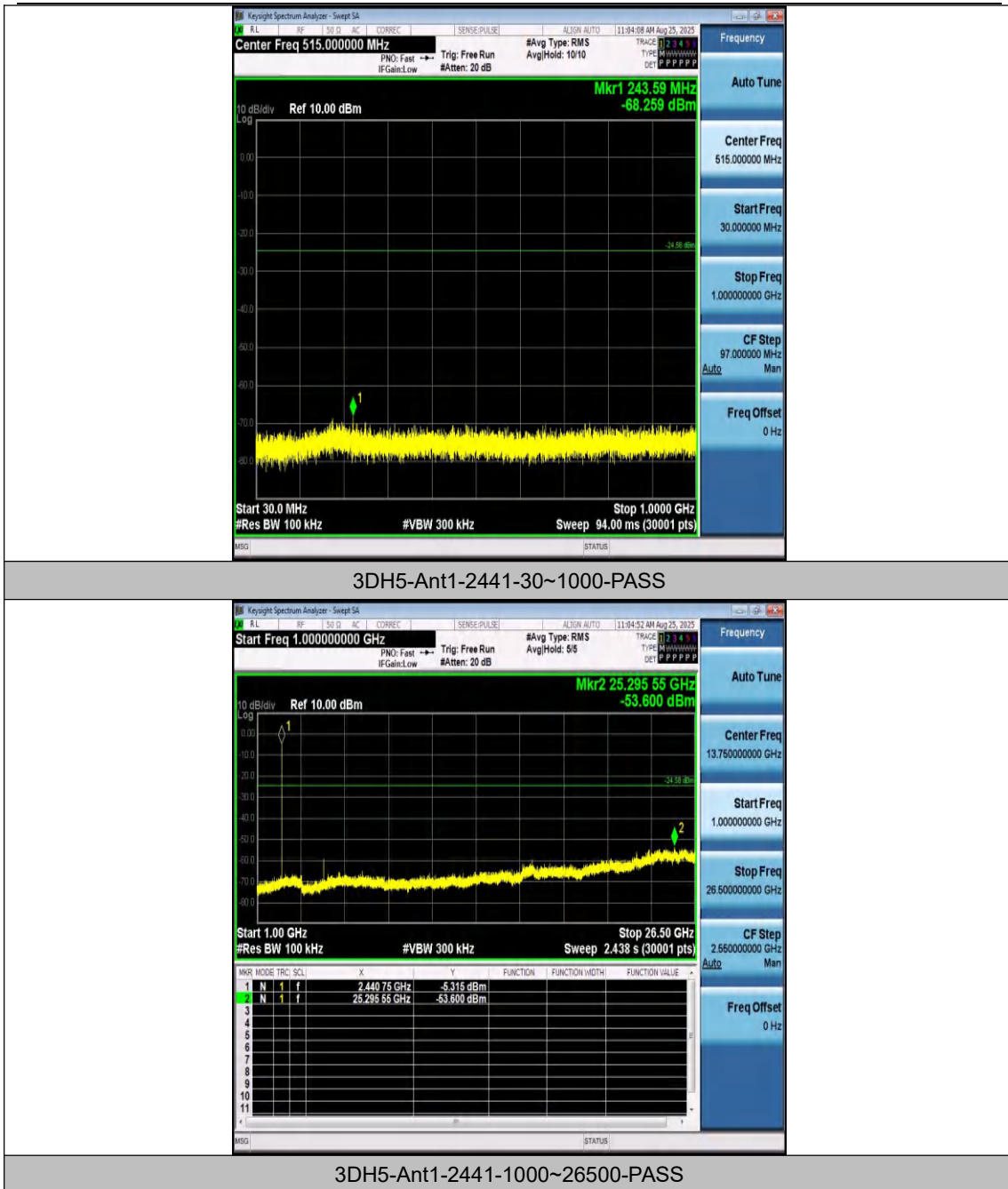
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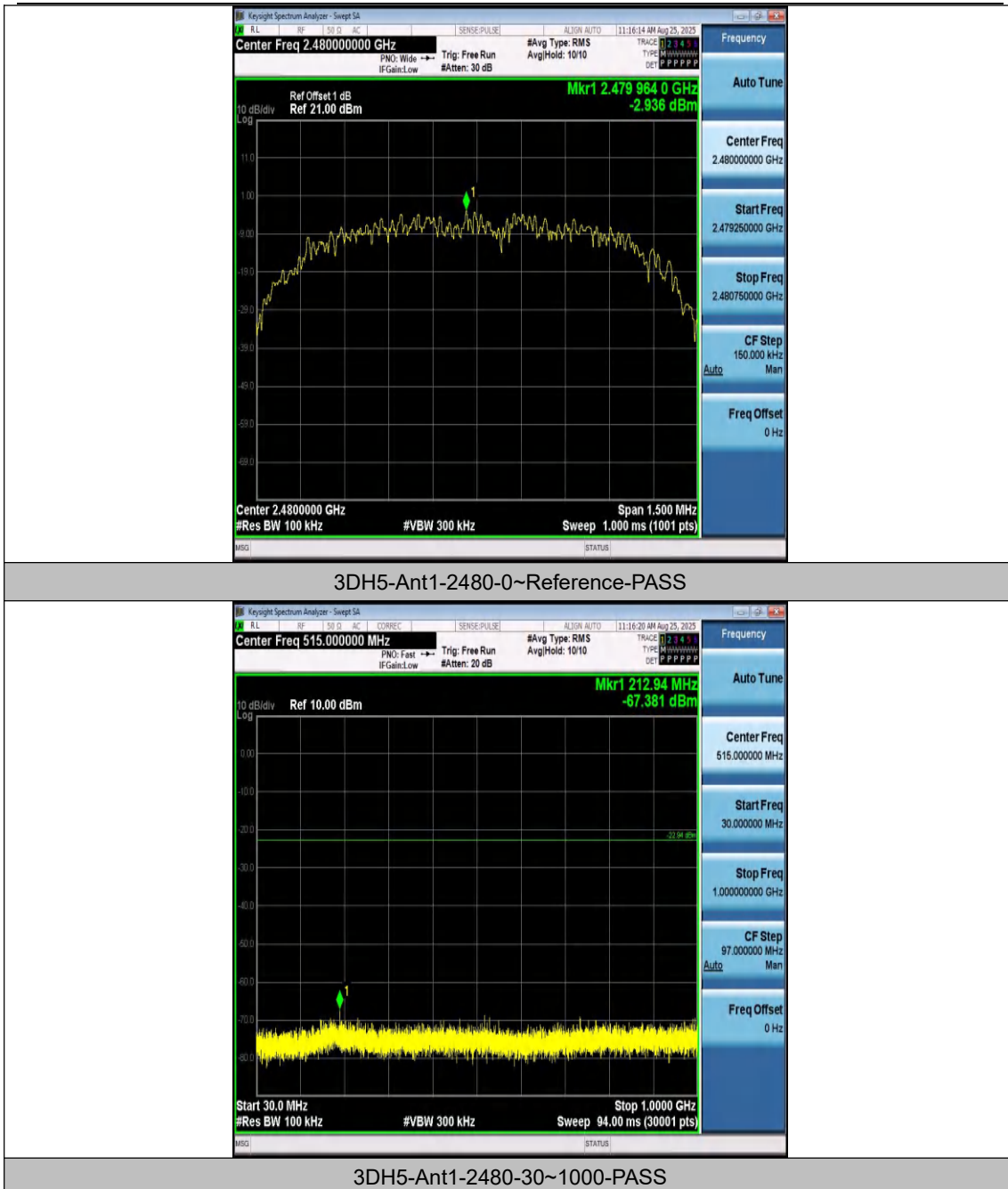
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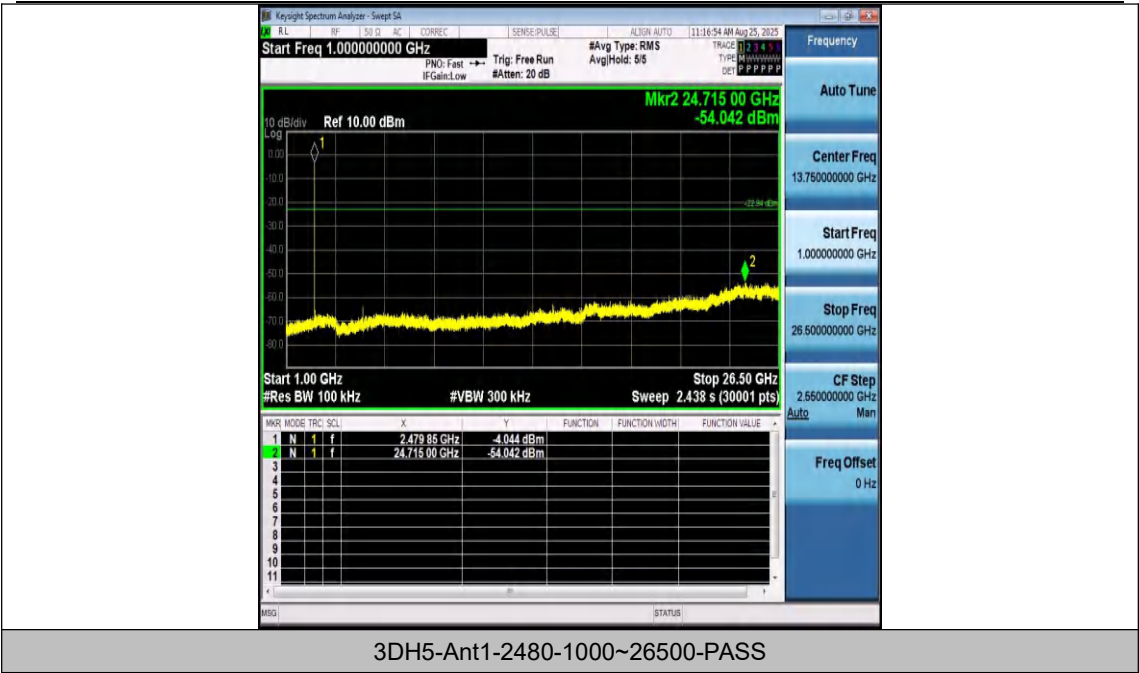
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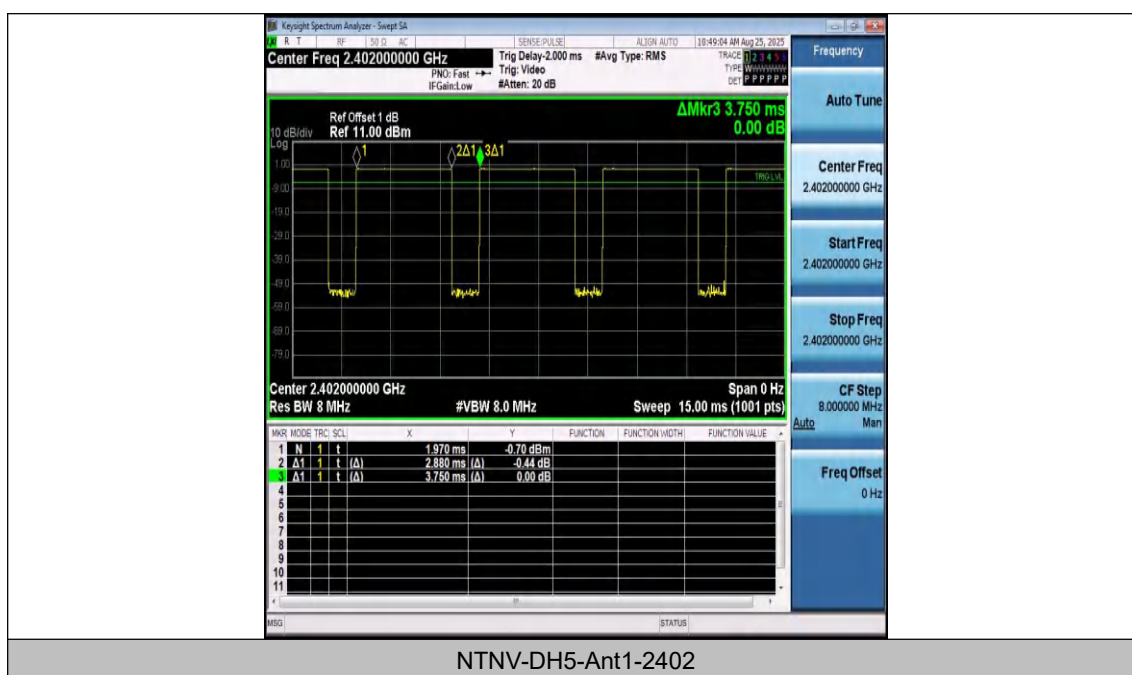
Any unauthorized modification, forgery, or falsification of this document constitutes a violation of law and is subject to legal penalties. If you have any questions, you may scan the QR code to download the report for verification or contact us via email.

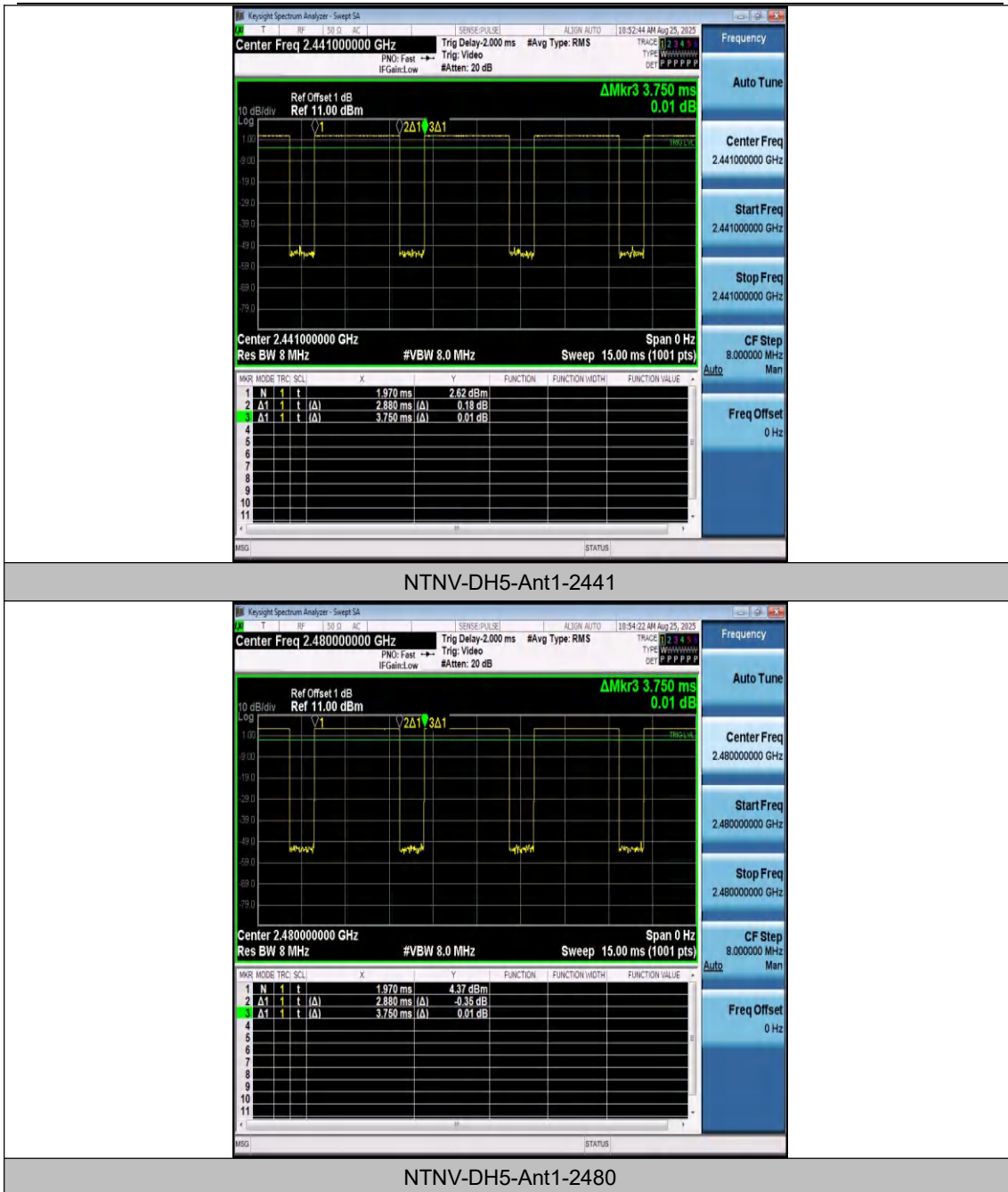
Appendix I: Duty Cycle

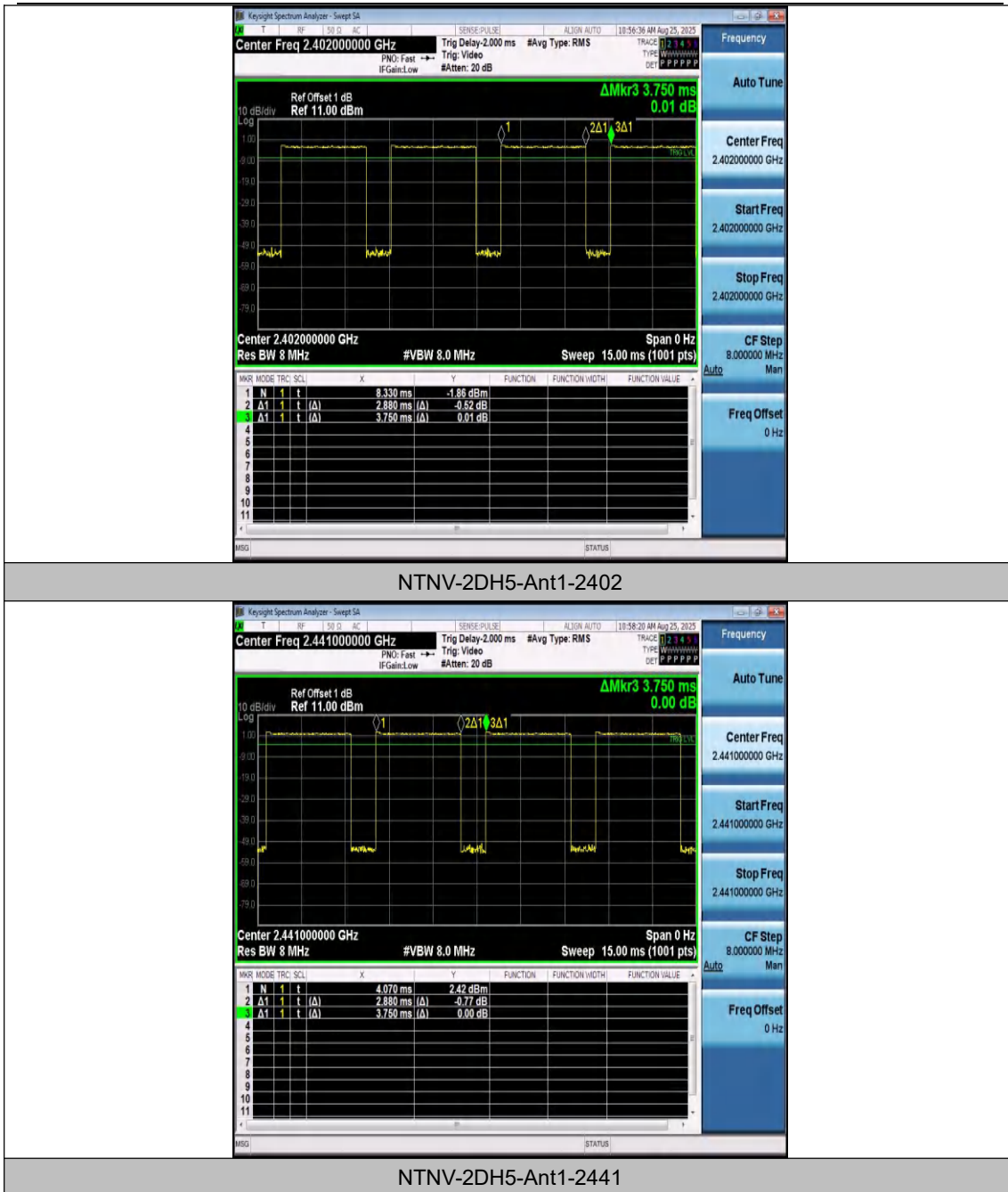
Test Result

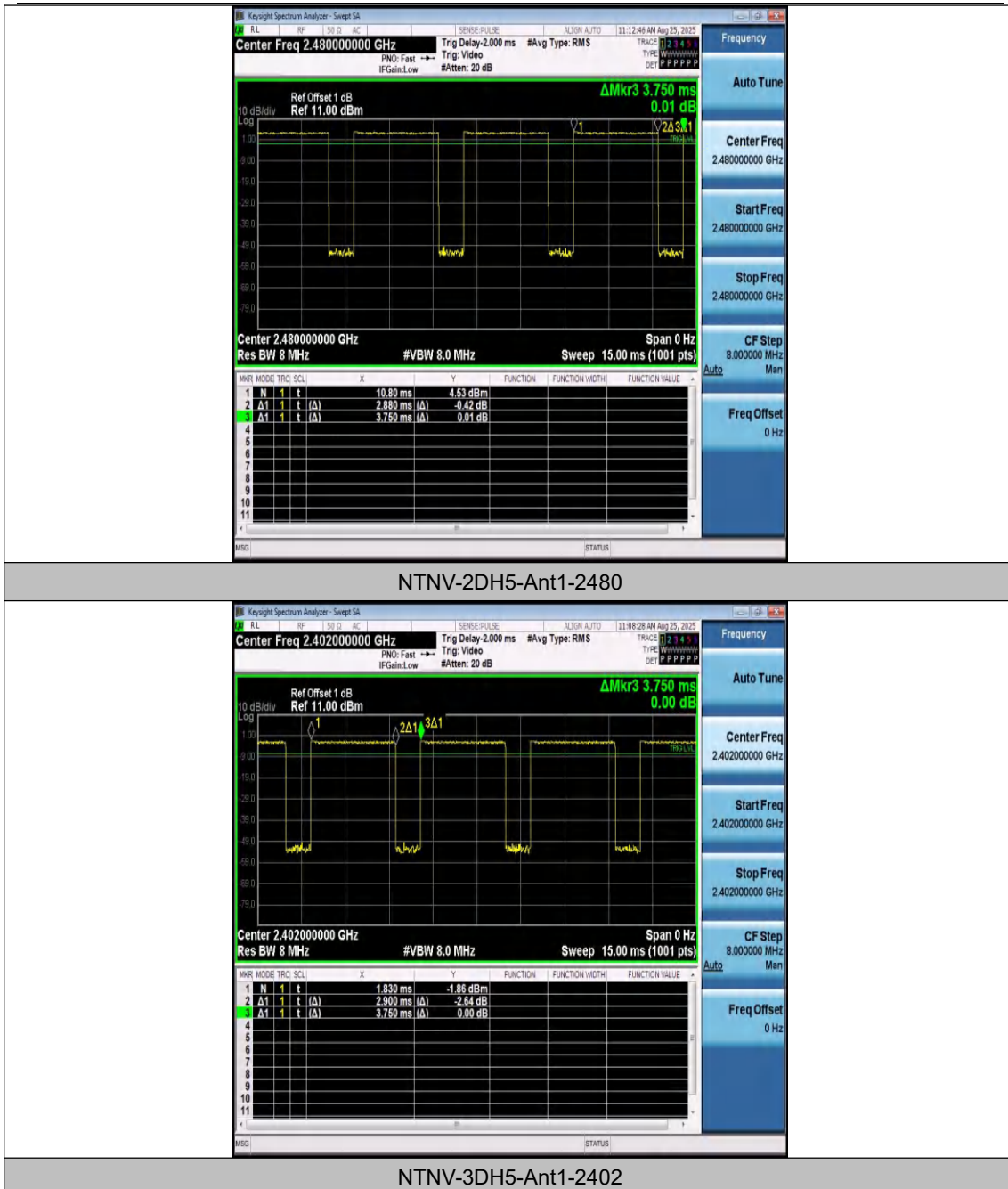
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.88	3.75	76.80	1.15
3DH5	Ant1	2402	2.90	3.75	77.33	1.12
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.90	3.75	77.33	1.12

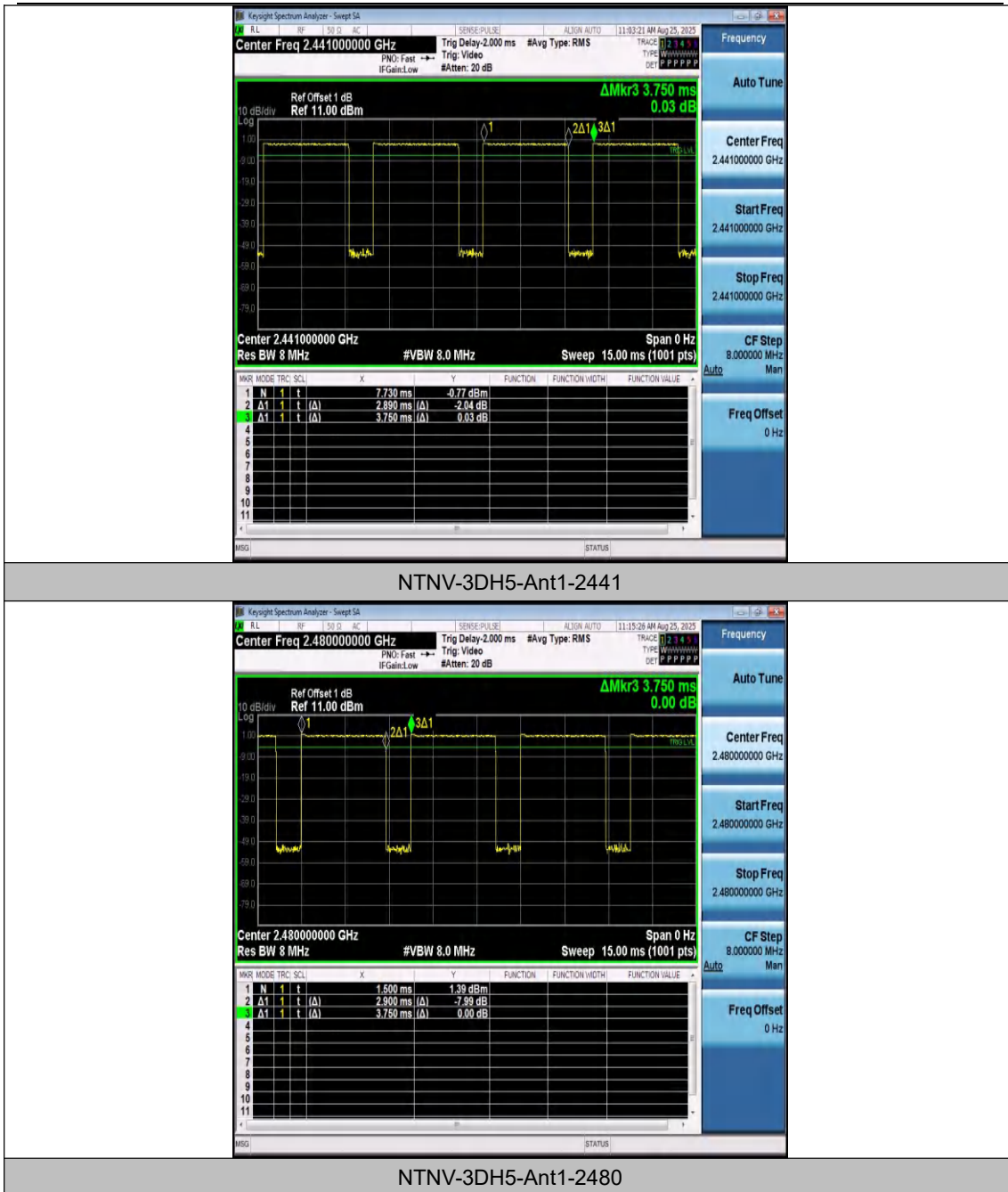
Test Graphs











---End---