

Appendix Test Data

Report No.:	1812C60448212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-13	Finish Test Date:	2026-8-25
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8℃	Relative Humidity:	63%
Pressure:	99.6kPa		



Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.954	2401.433	2402.387	---	---
DH5	Ant1	2441	0.951	2440.430	2441.381	---	---
DH5	Ant1	2480	0.957	2479.436	2480.393	---	---
2DH5	Ant1	2402	1.269	2401.289	2402.558	---	---
2DH5	Ant1	2441	1.353	2440.229	2441.582	---	---
2DH5	Ant1	2480	1.287	2479.271	2480.558	---	---
3DH5	Ant1	2402	1.293	2401.259	2402.552	---	---
3DH5	Ant1	2441	1.320	2440.250	2441.570	---	---
3DH5	Ant1	2480	1.305	2479.253	2480.558	---	---

Test Graphs









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3DH5-Ant1-2480

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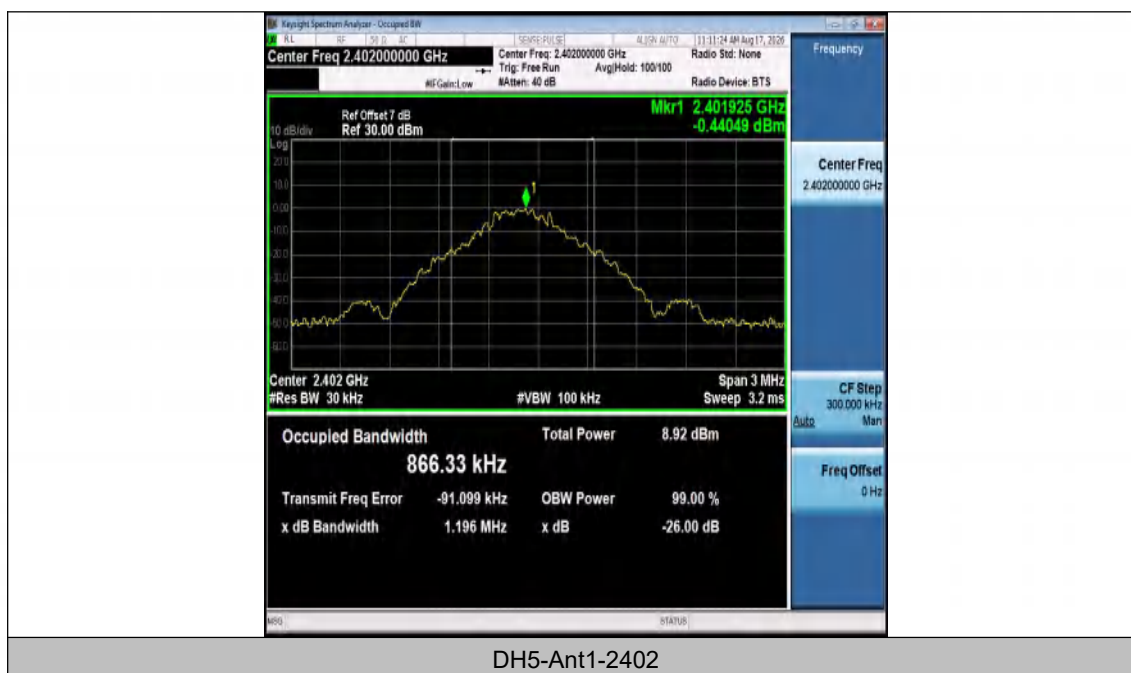
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86633	2401.4757	2402.3421	---	---
DH5	Ant1	2441	0.86413	2440.4696	2441.3337	---	---
DH5	Ant1	2480	0.87840	2479.4643	2480.3427	---	---
2DH5	Ant1	2402	1.1892	2401.3106	2402.4998	---	---
2DH5	Ant1	2441	1.1821	2440.3148	2441.4969	---	---
2DH5	Ant1	2480	1.1776	2479.3136	2480.4912	---	---
3DH5	Ant1	2402	1.1777	2401.3163	2402.4940	---	---
3DH5	Ant1	2441	1.1937	2440.3062	2441.4999	---	---
3DH5	Ant1	2480	1.1842	2479.3140	2480.4982	---	---

Test Graphs





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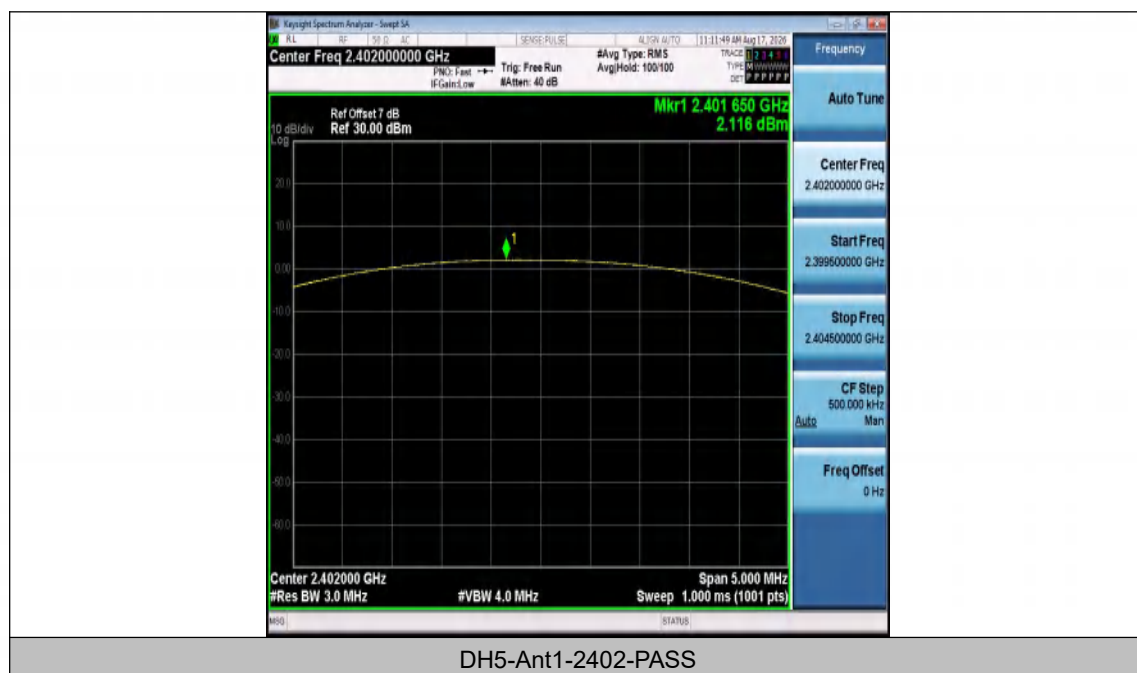


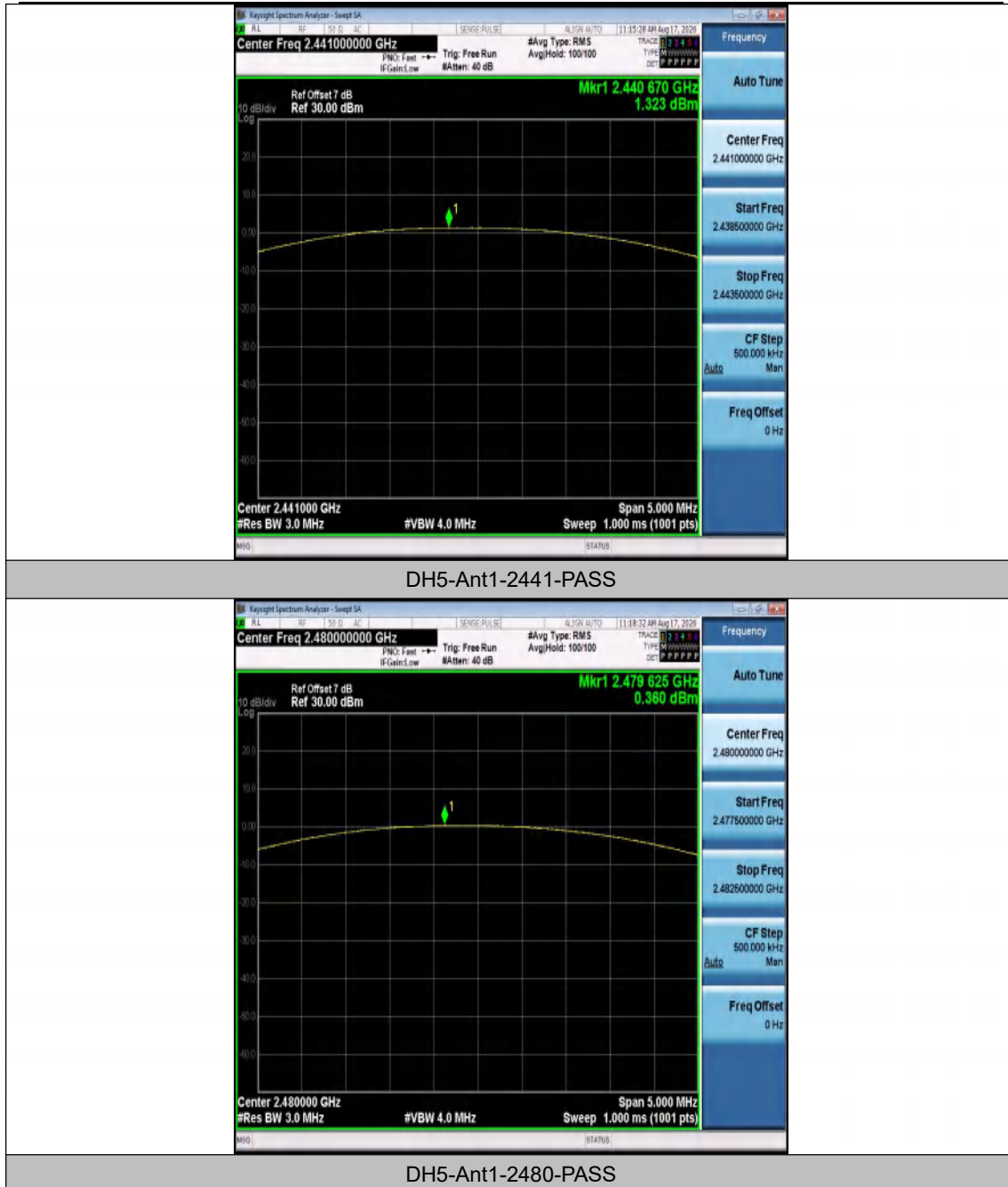
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.12	≤20.97	PASS
DH5	Ant1	2441	1.32	≤20.97	PASS
DH5	Ant1	2480	0.36	≤20.97	PASS
2DH5	Ant1	2402	2.90	≤20.97	PASS
2DH5	Ant1	2441	2.18	≤20.97	PASS
2DH5	Ant1	2480	1.17	≤20.97	PASS
3DH5	Ant1	2402	3.31	≤20.97	PASS
3DH5	Ant1	2441	2.53	≤20.97	PASS
3DH5	Ant1	2480	1.52	≤20.97	PASS

Test Graphs

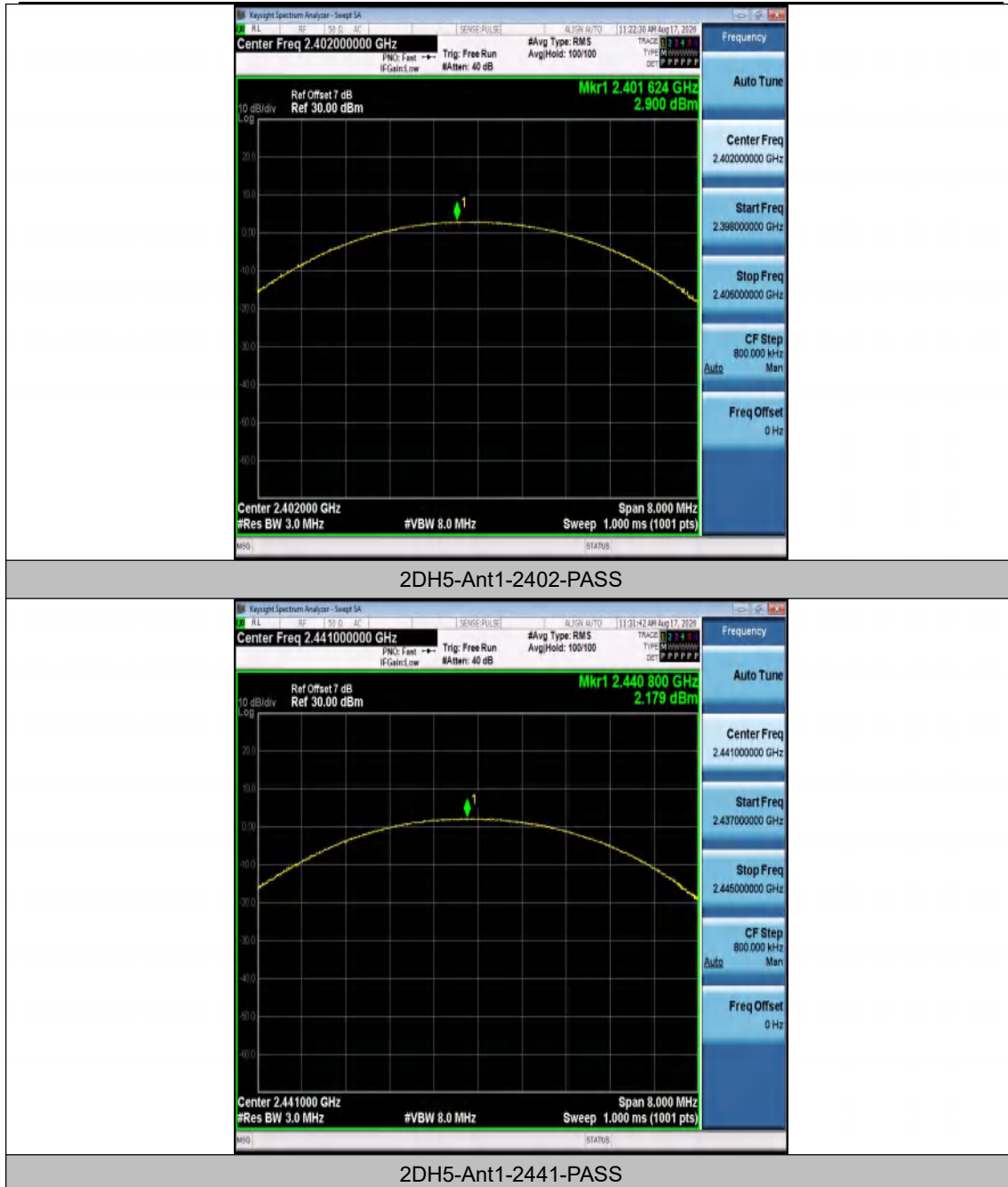




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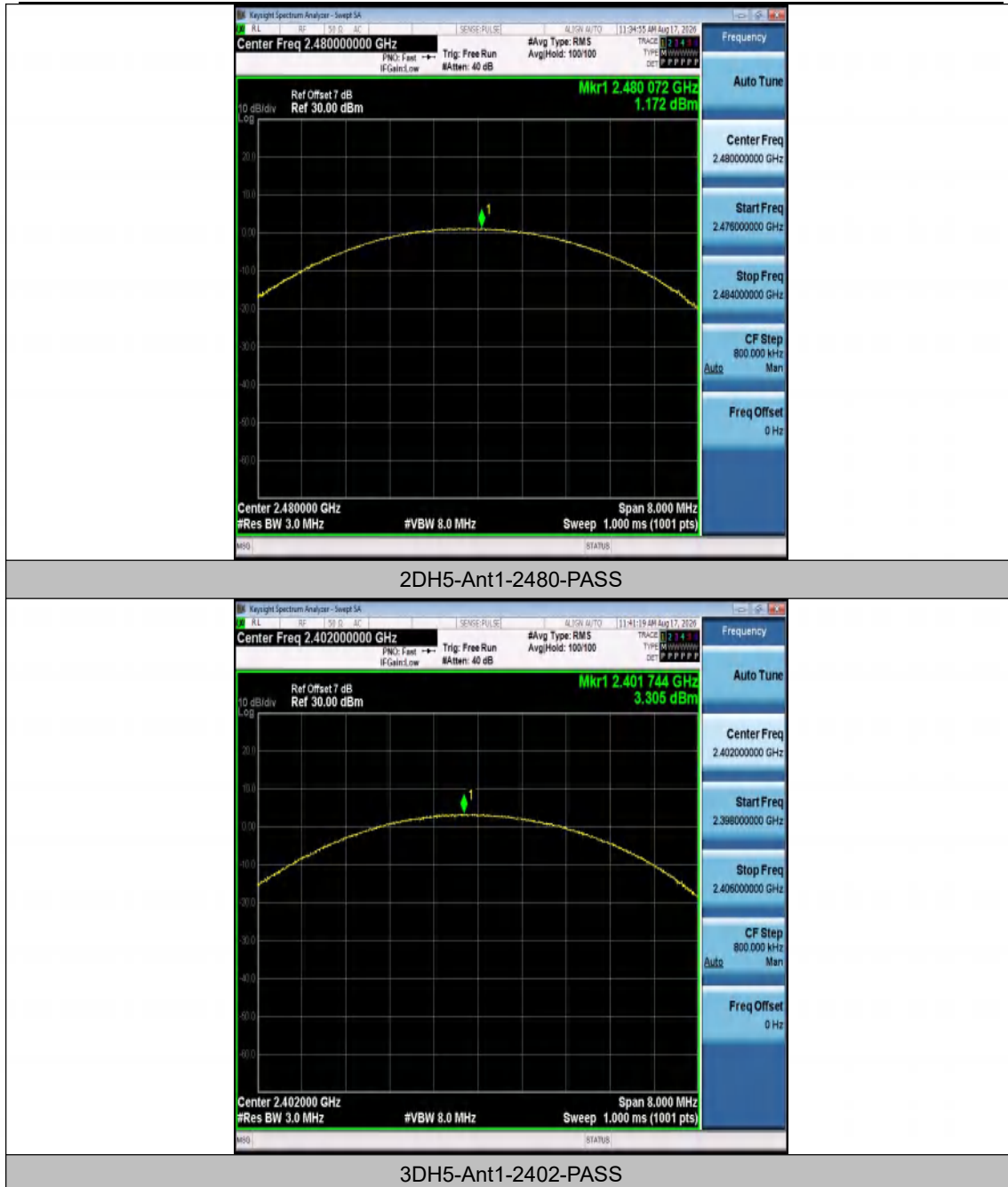
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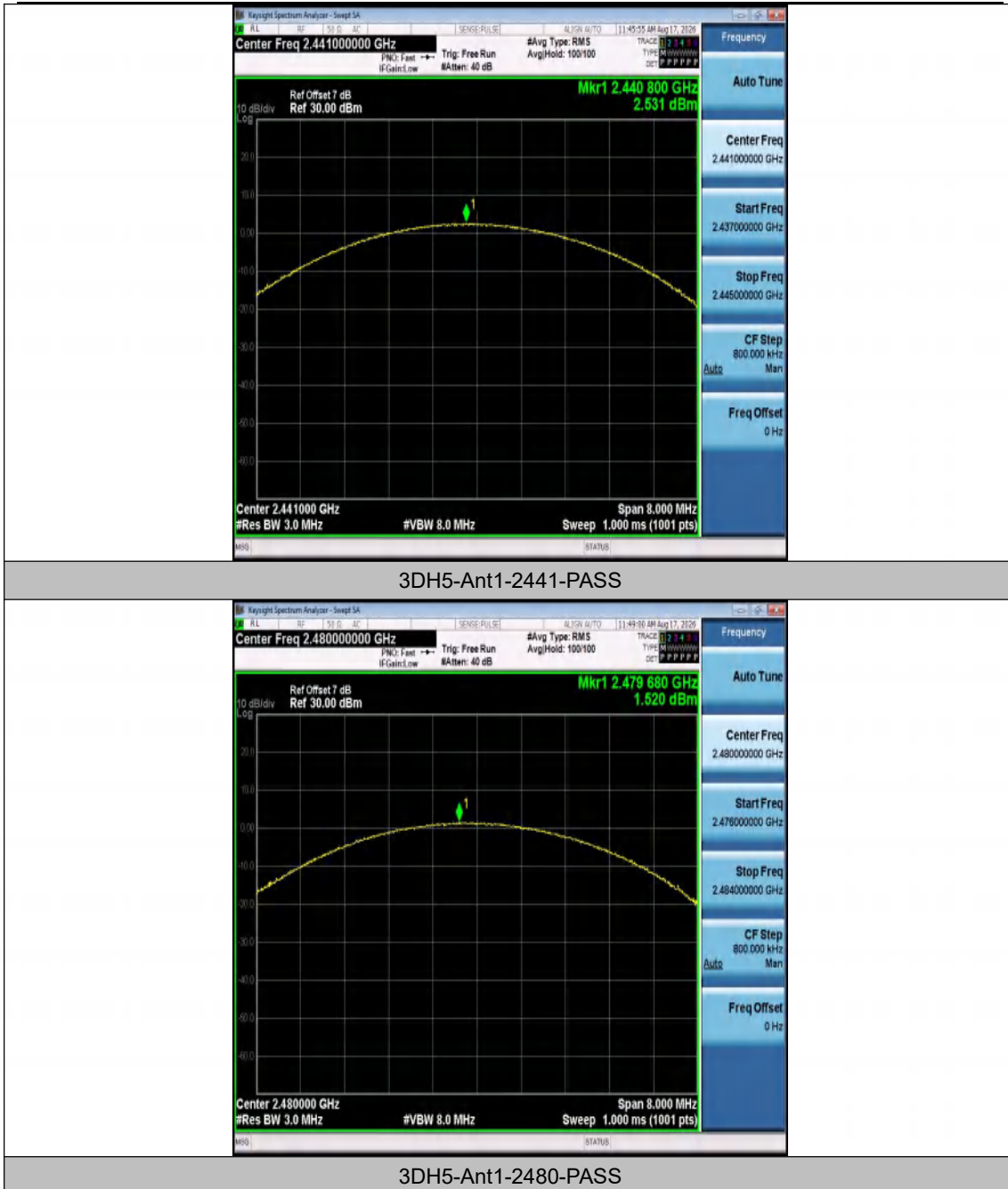
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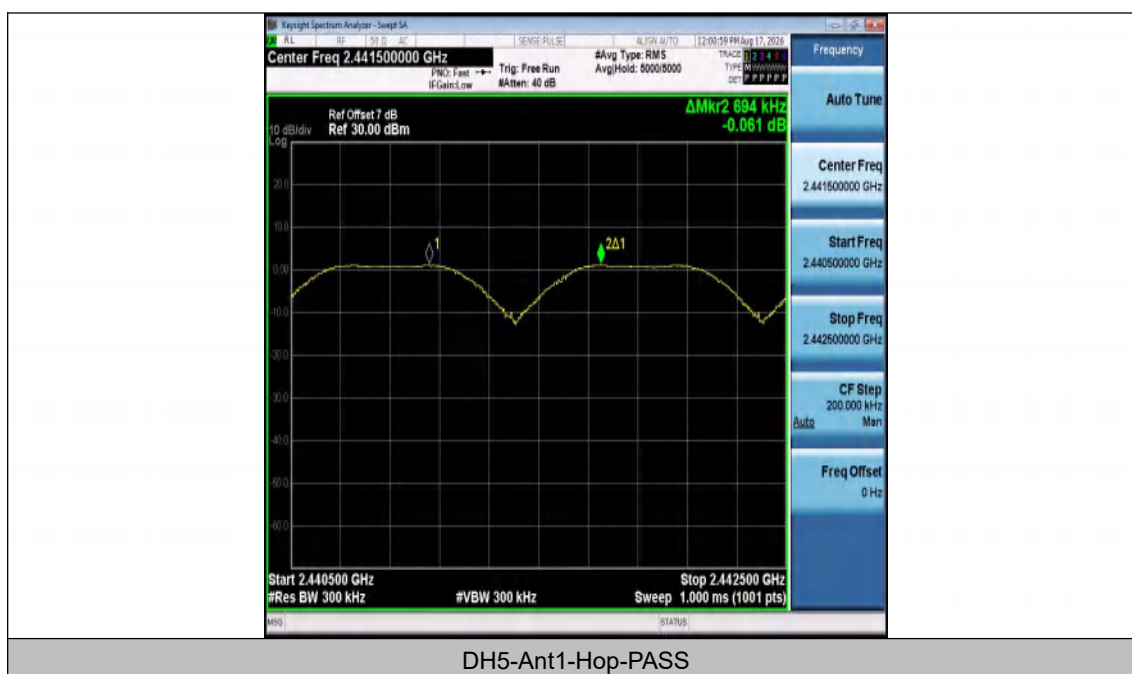
Appendix D: Carrier frequency separation

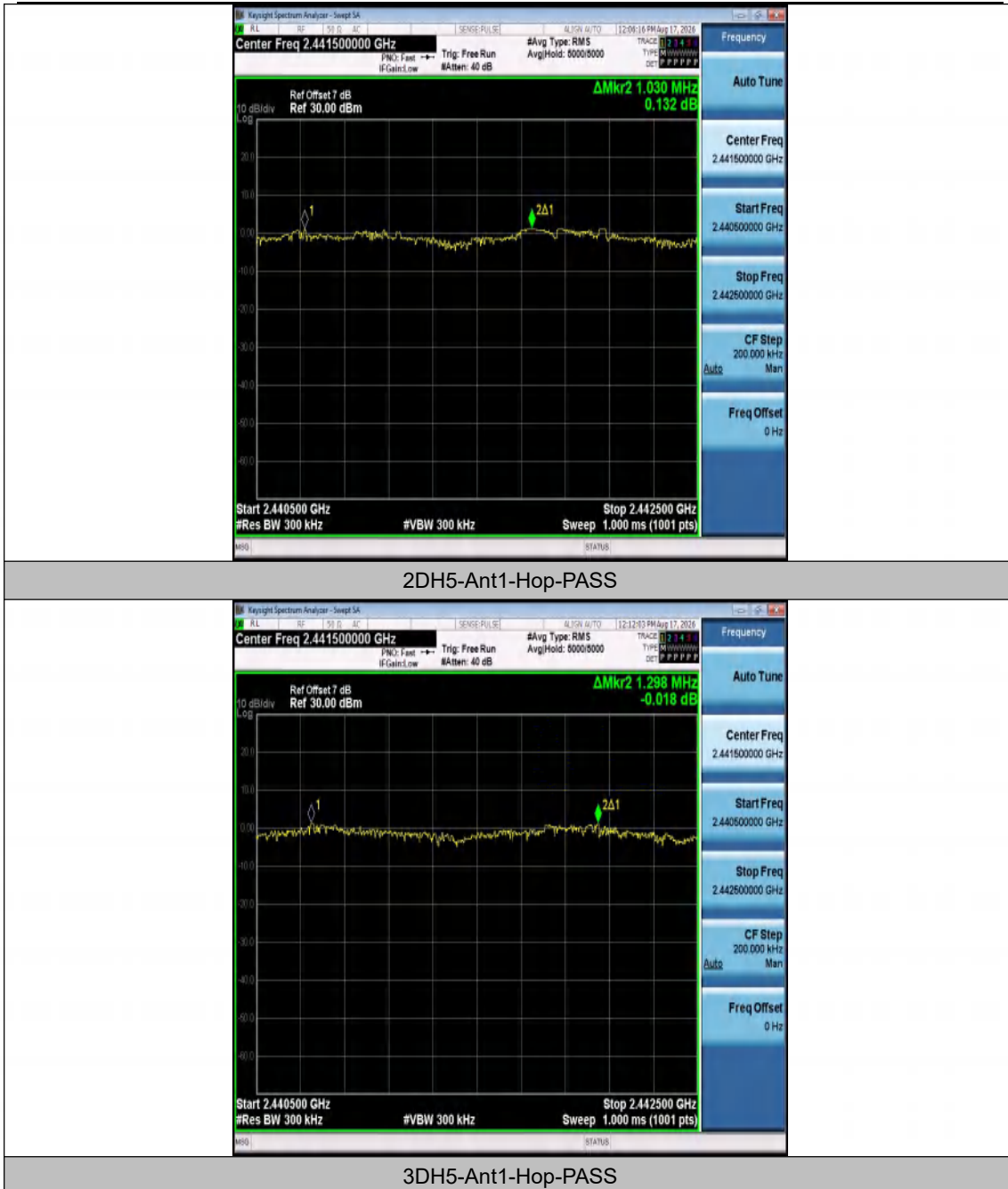
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.694	≥ 0.638	PASS
2DH5	Ant1	Hop	1.03	≥ 0.902	PASS
3DH5	Ant1	Hop	1.298	≥ 0.880	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



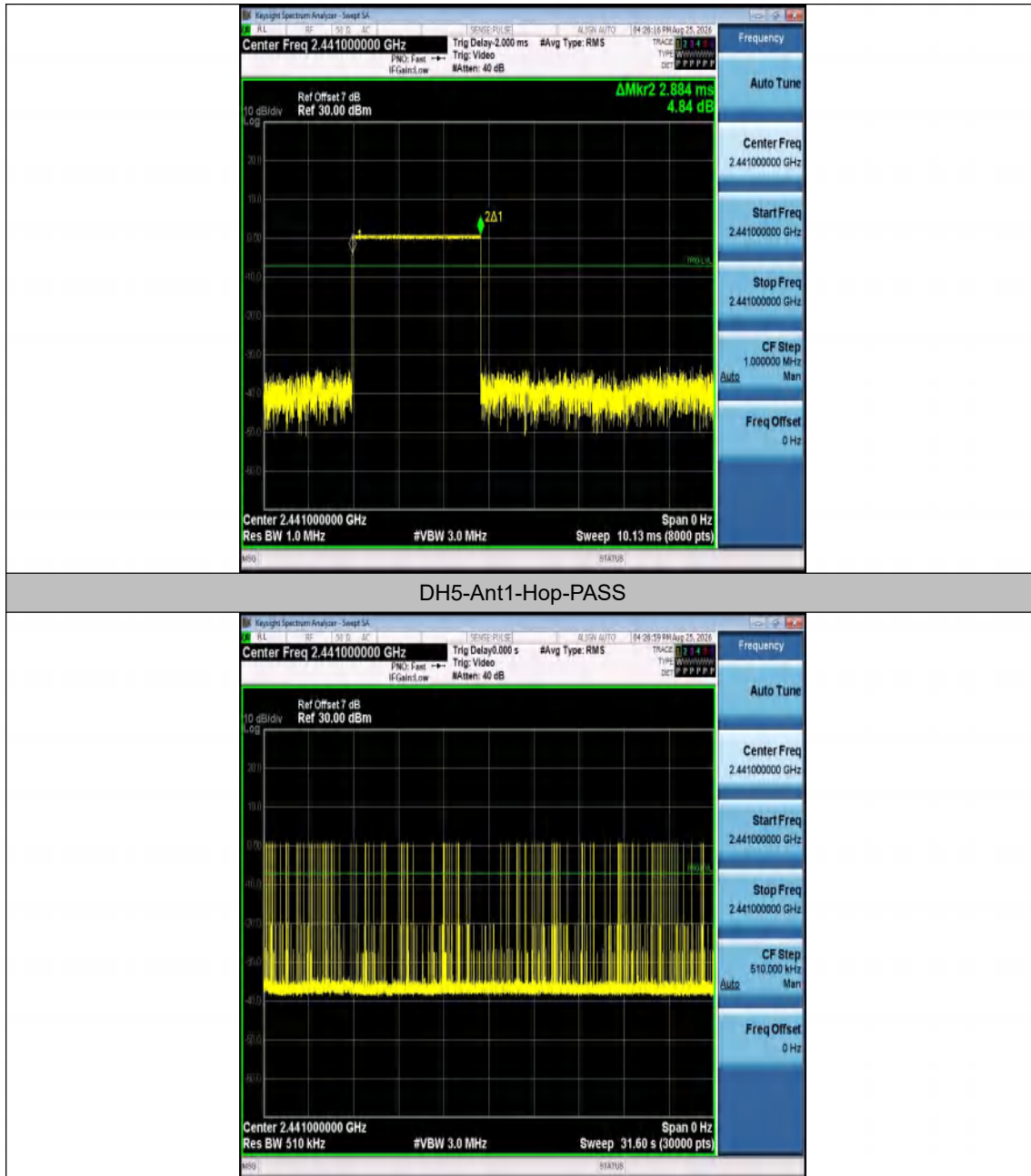


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.884	110	0.317	≤0.4	PASS
2DH5	Ant1	Hop	2.891	112	0.324	≤0.4	PASS
3DH5	Ant1	Hop	2.892	96	0.278	≤0.4	PASS

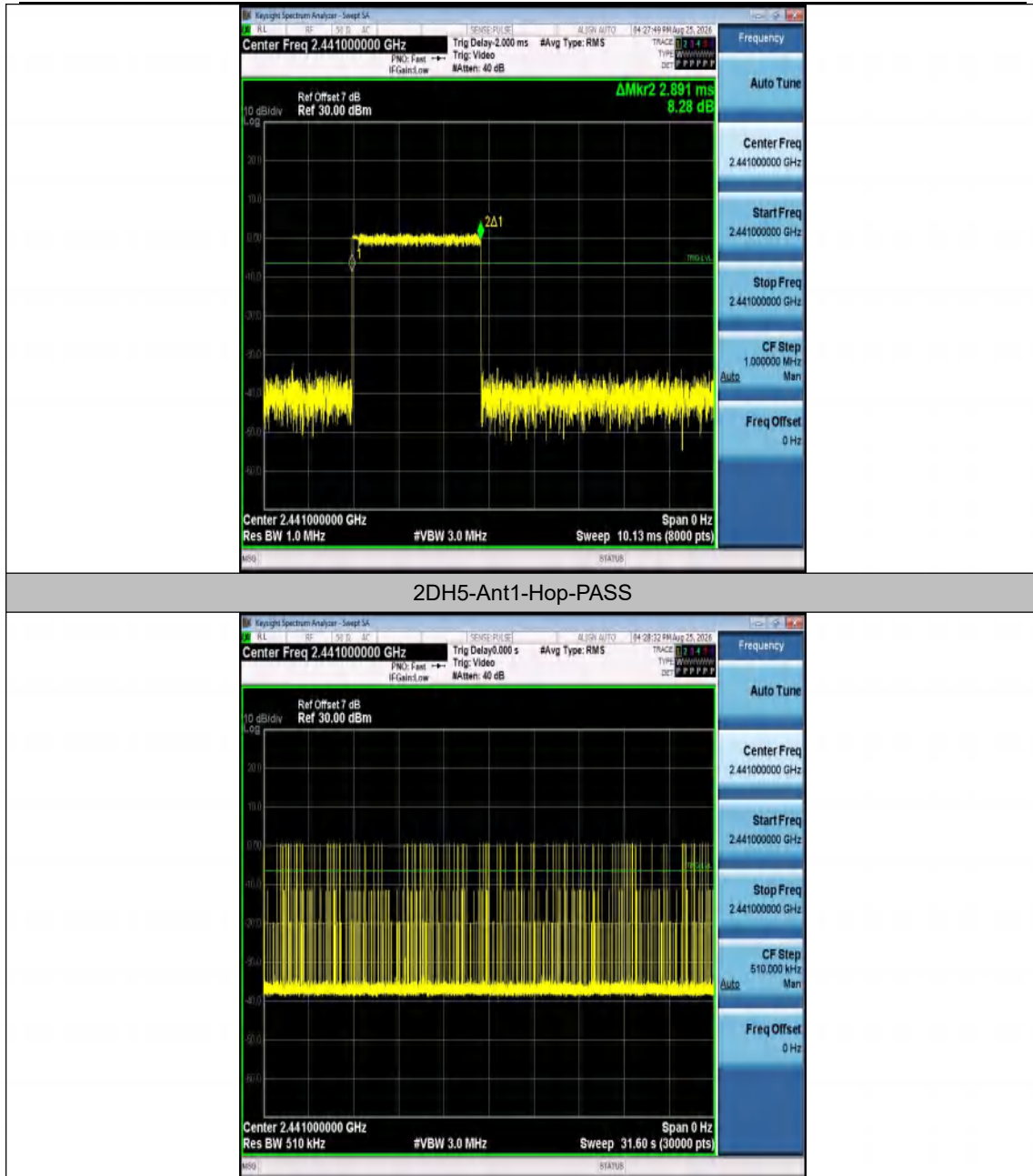
Test Graphs



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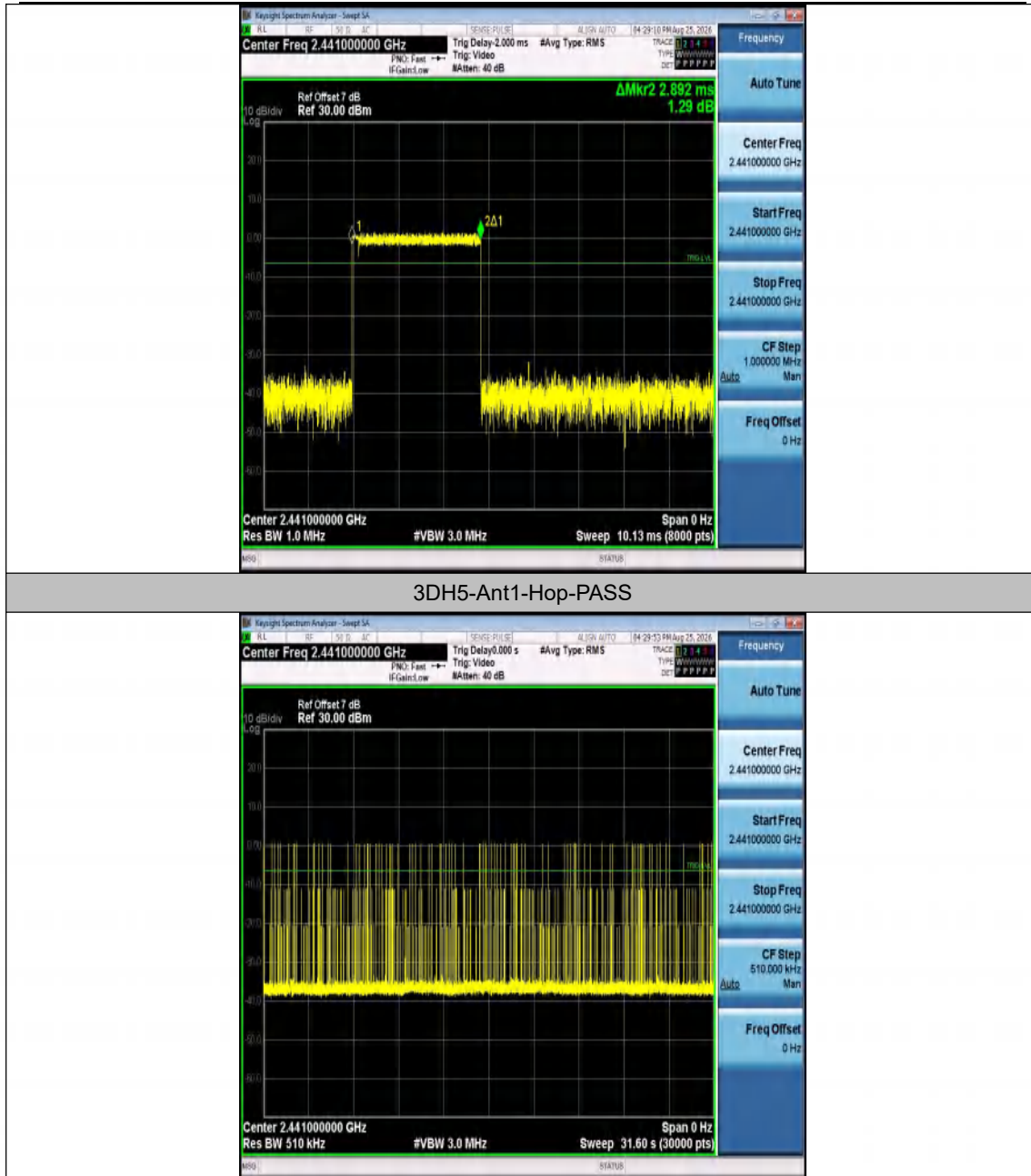
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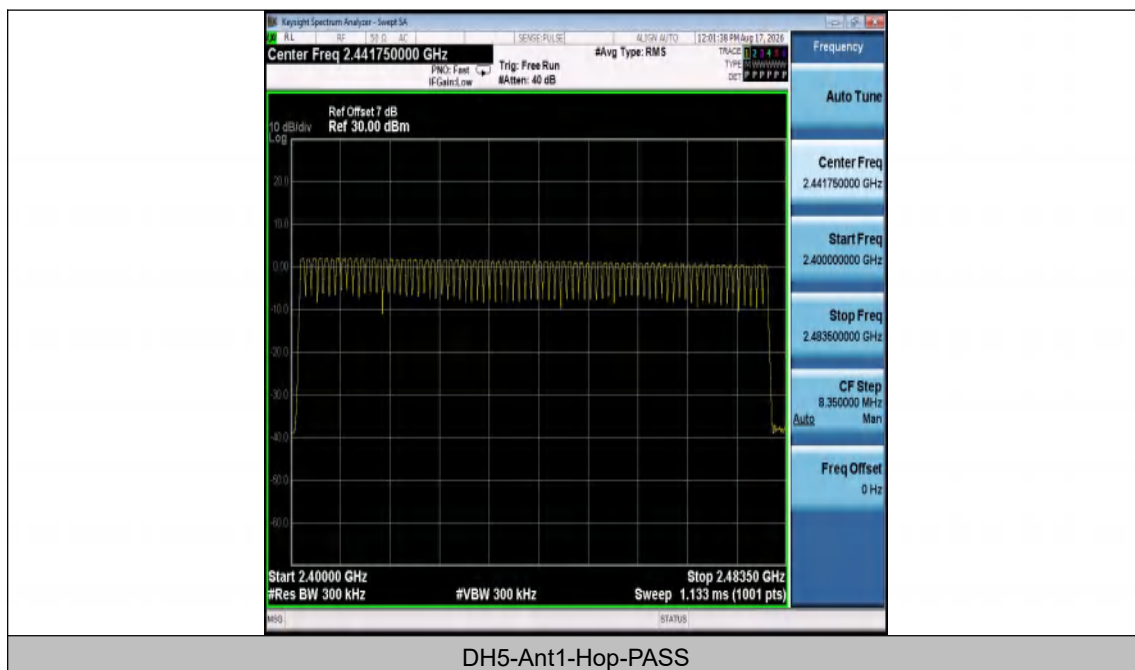
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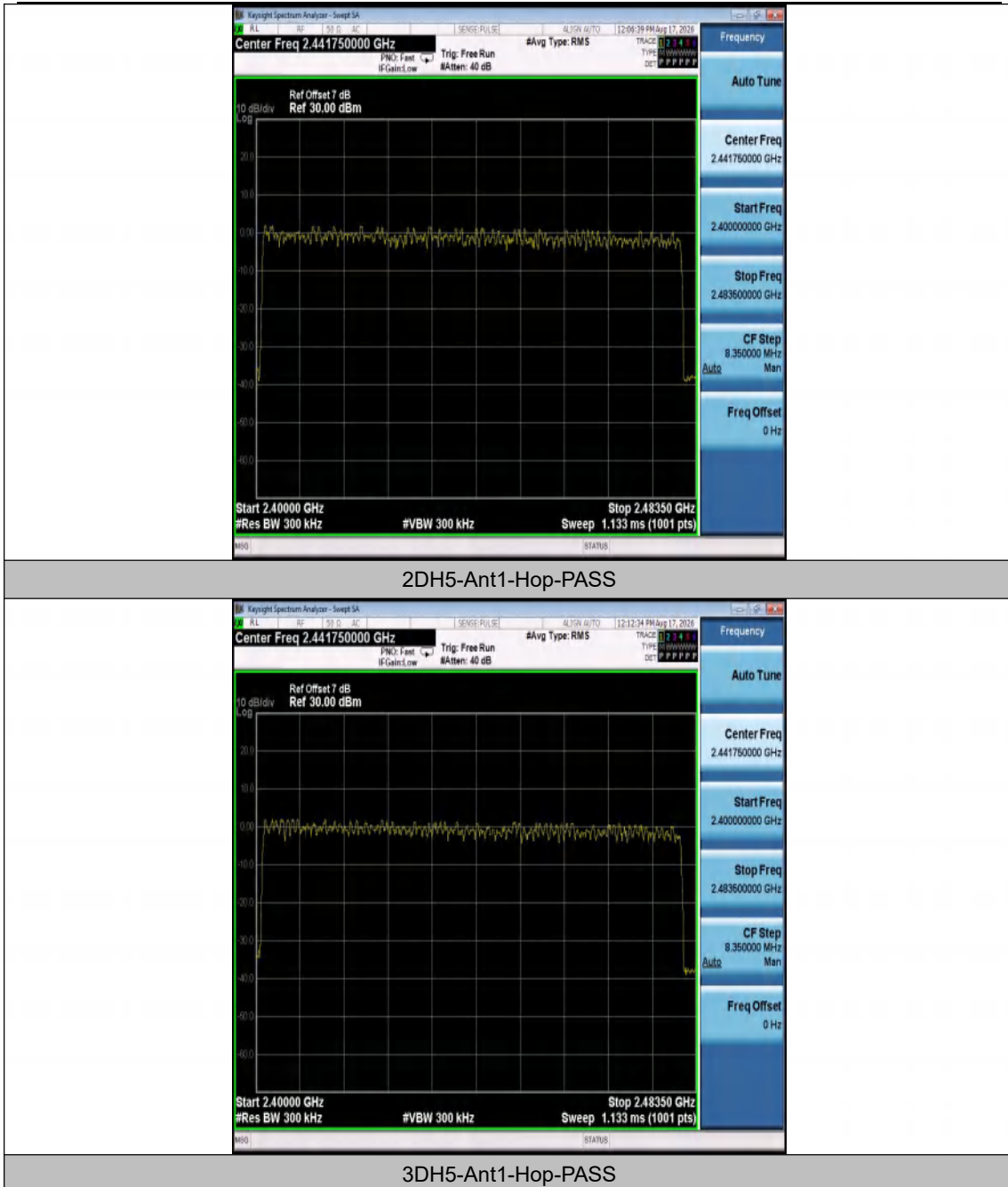
Appendix F: Number of Hopping Channel

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





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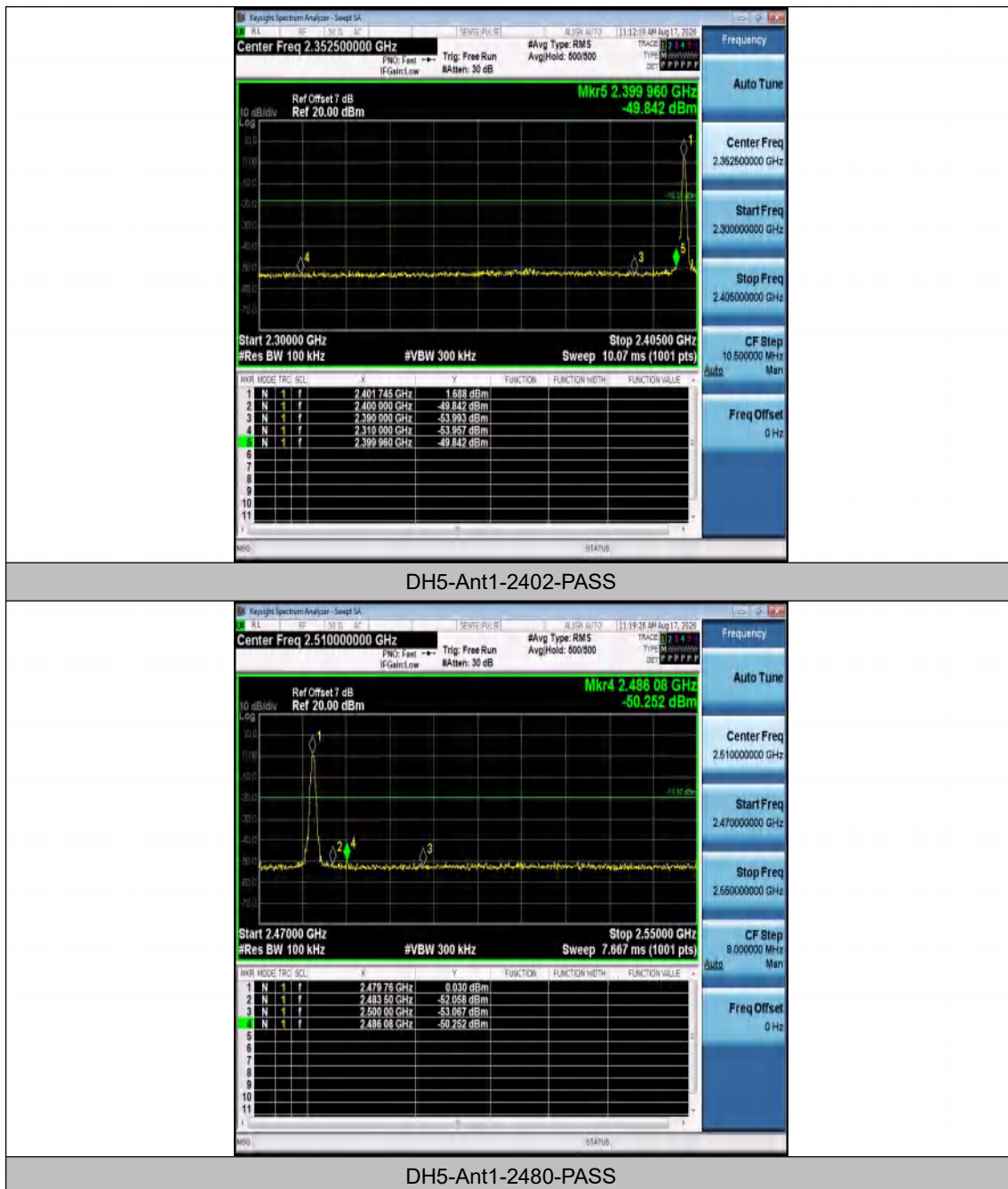
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.69	-49.84	≤-18.31	PASS
DH5	Ant1	High	2480	0.03	-50.25	≤-19.97	PASS
DH5	Ant1	Low	Hop_2402	1.49	-49.27	≤-18.51	PASS
DH5	Ant1	High	Hop_2480	-0.32	-29.17	≤-20.32	PASS
2DH5	Ant1	Low	2402	1.93	-47.94	≤-18.07	PASS
2DH5	Ant1	High	2480	0.03	-49.64	≤-19.97	PASS
2DH5	Ant1	Low	Hop_2402	-0.68	-50.77	≤-20.68	PASS
2DH5	Ant1	High	Hop_2480	-2.61	-49.85	≤-22.61	PASS
3DH5	Ant1	Low	2402	1.85	-48.1	≤-18.15	PASS
3DH5	Ant1	High	2480	-0.05	-50.35	≤-20.05	PASS
3DH5	Ant1	Low	Hop_2402	-1.42	-48.63	≤-21.42	PASS
3DH5	Ant1	High	Hop_2480	-2.56	-49.96	≤-22.56	PASS

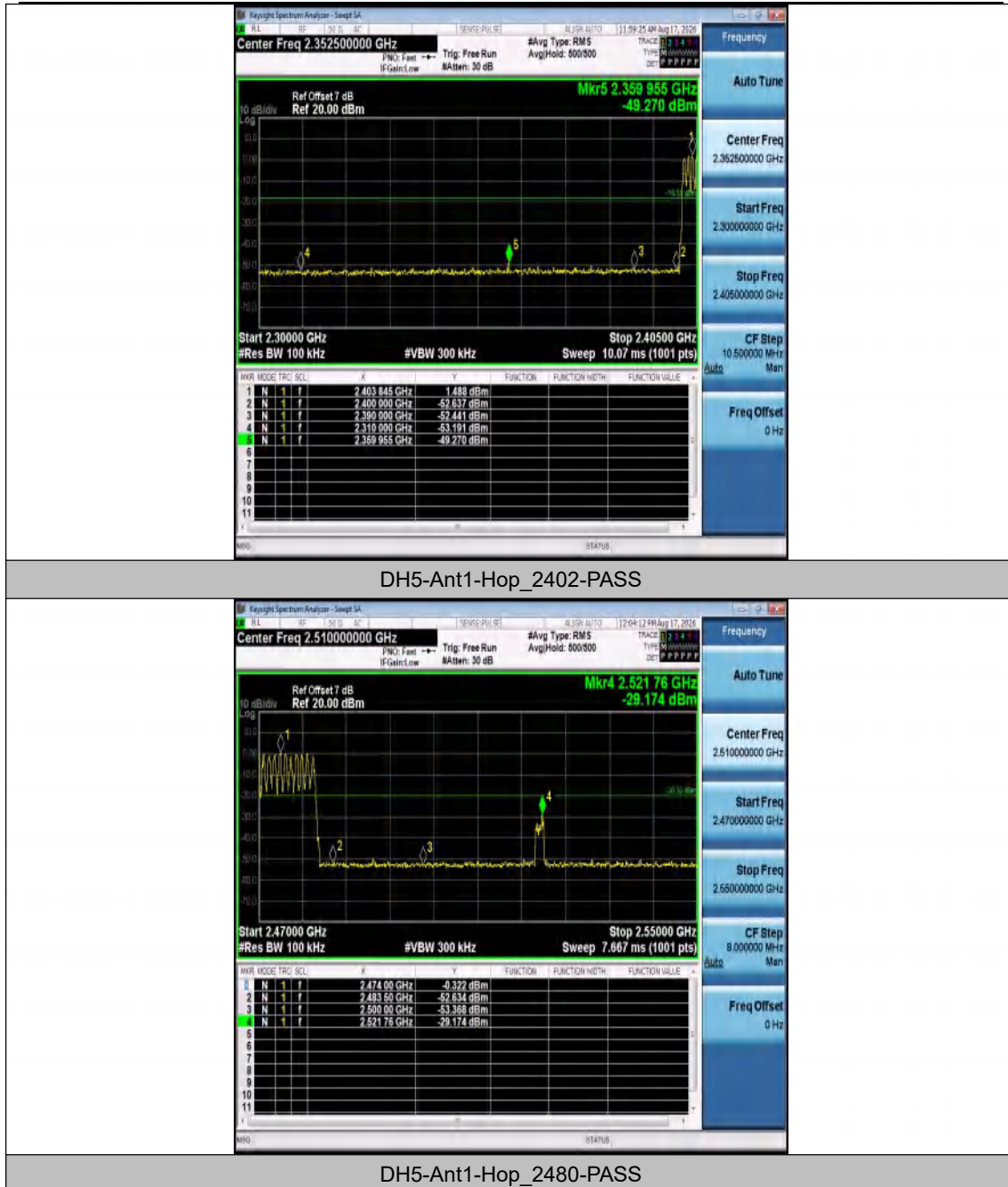
Test Graphs

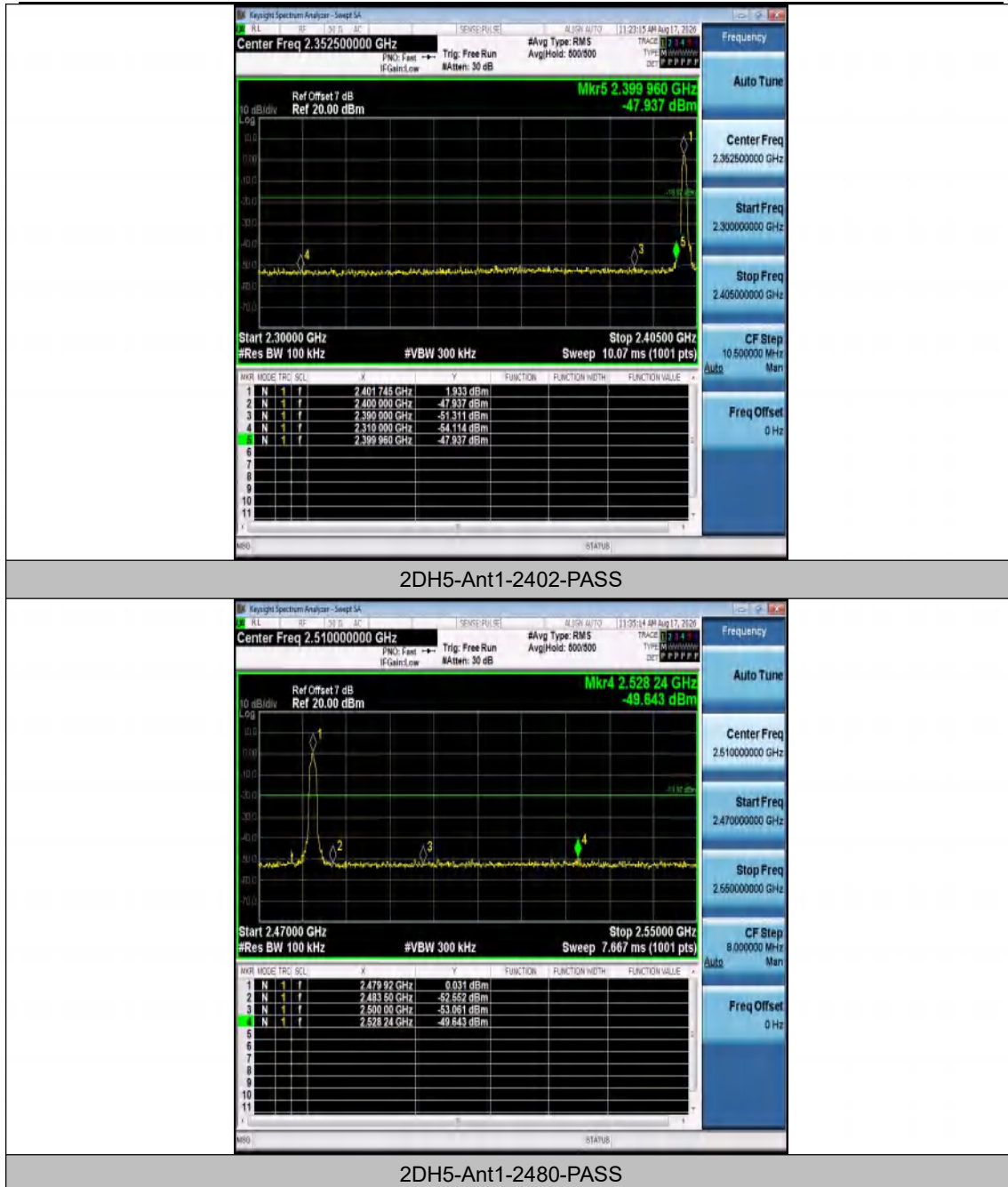


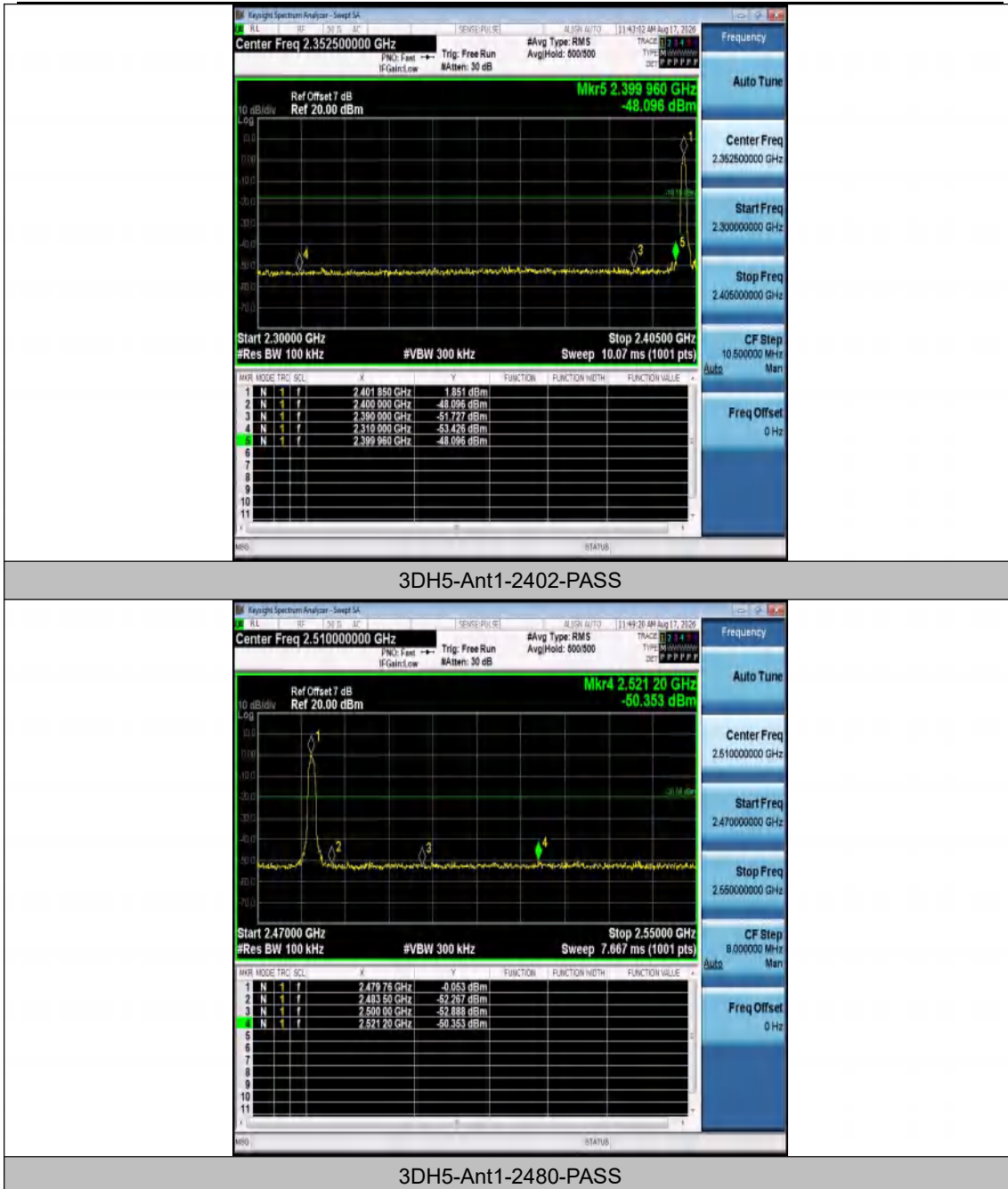
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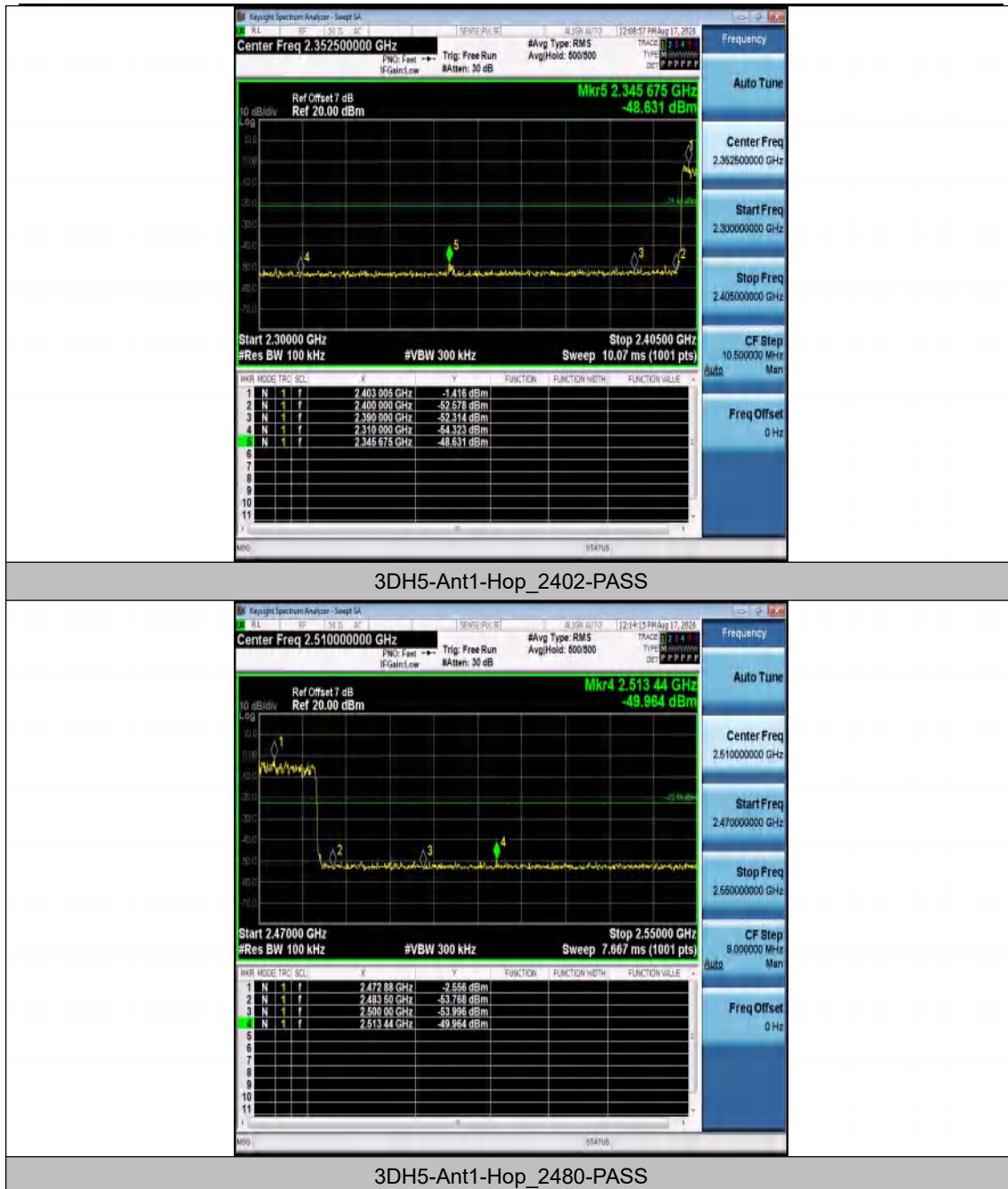
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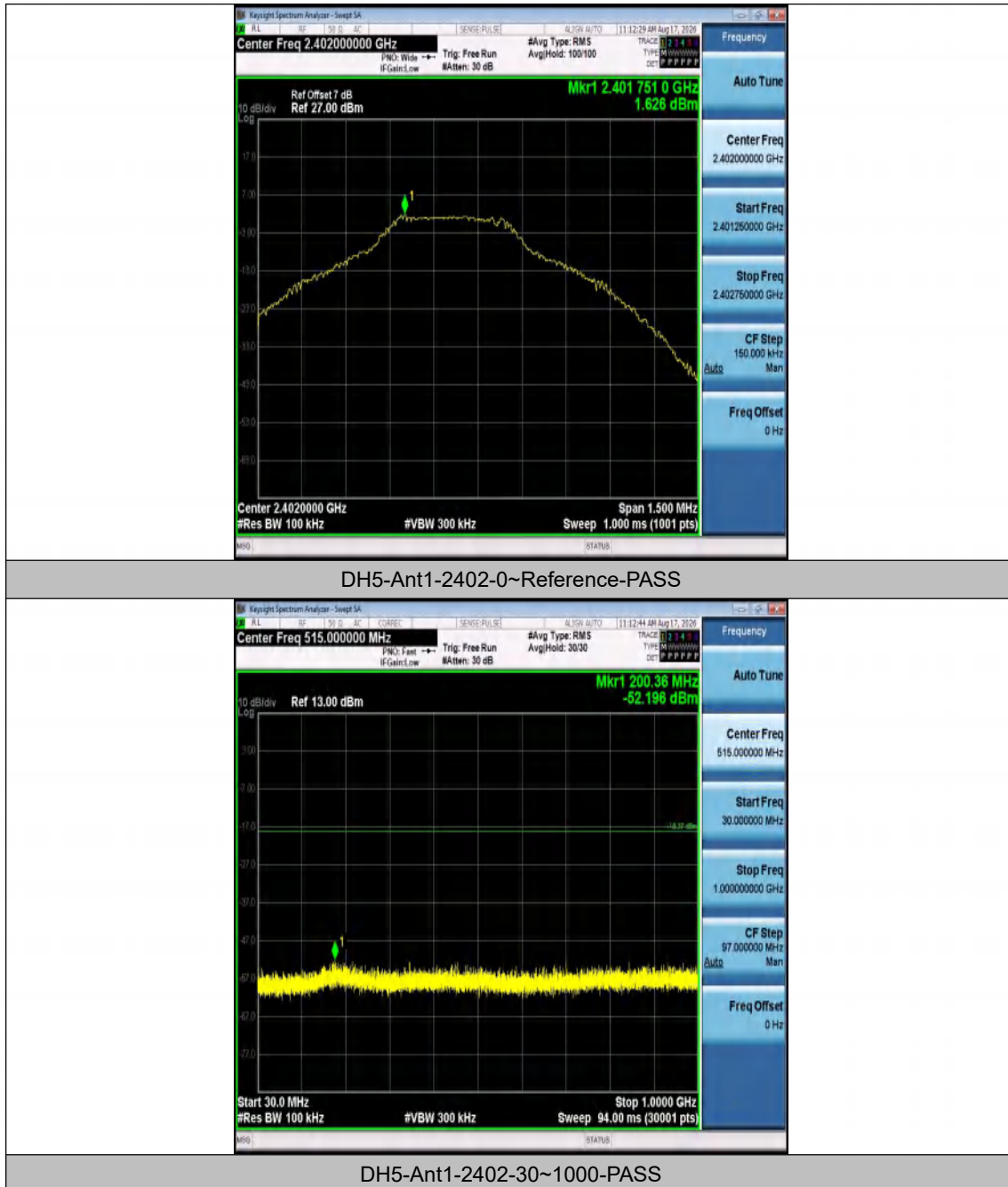
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.63	1.63	---	PASS
DH5	Ant1	2402	30~1000	1.63	-52.2	≤-18.37	PASS
DH5	Ant1	2402	1000~26500	1.63	-35.65	≤-18.37	PASS
DH5	Ant1	2441	0~Reference	1.00	1.00	---	PASS
DH5	Ant1	2441	30~1000	1.00	-51.85	≤-19	PASS
DH5	Ant1	2441	1000~26500	1.00	-36.75	≤-19	PASS
DH5	Ant1	2480	0~Reference	0.01	0.01	---	PASS
DH5	Ant1	2480	30~1000	0.01	-51.99	≤-19.99	PASS
DH5	Ant1	2480	1000~26500	0.01	-37.08	≤-19.99	PASS
2DH5	Ant1	2402	0~Reference	1.52	1.52	---	PASS
2DH5	Ant1	2402	30~1000	1.52	-51.98	≤-18.48	PASS
2DH5	Ant1	2402	1000~26500	1.52	-36.5	≤-18.48	PASS
2DH5	Ant1	2441	0~Reference	0.96	0.96	---	PASS
2DH5	Ant1	2441	30~1000	0.96	-51.77	≤-19.04	PASS
2DH5	Ant1	2441	1000~26500	0.96	-36.76	≤-19.04	PASS
2DH5	Ant1	2480	0~Reference	-0.27	-0.27	---	PASS
2DH5	Ant1	2480	30~1000	-0.27	-52.19	≤-20.27	PASS
2DH5	Ant1	2480	1000~26500	-0.27	-37.00	≤-20.27	PASS
3DH5	Ant1	2402	0~Reference	1.80	1.80	---	PASS
3DH5	Ant1	2402	30~1000	1.80	-52.1	≤-18.2	PASS
3DH5	Ant1	2402	1000~26500	1.80	-37.01	≤-18.2	PASS
3DH5	Ant1	2441	0~Reference	0.97	0.97	---	PASS
3DH5	Ant1	2441	30~1000	0.97	-52.08	≤-19.03	PASS
3DH5	Ant1	2441	1000~26500	0.97	-36.68	≤-19.03	PASS
3DH5	Ant1	2480	0~Reference	-0.37	-0.37	---	PASS
3DH5	Ant1	2480	30~1000	-0.37	-51.84	≤-20.37	PASS
3DH5	Ant1	2480	1000~26500	-0.37	-36.99	≤-20.37	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

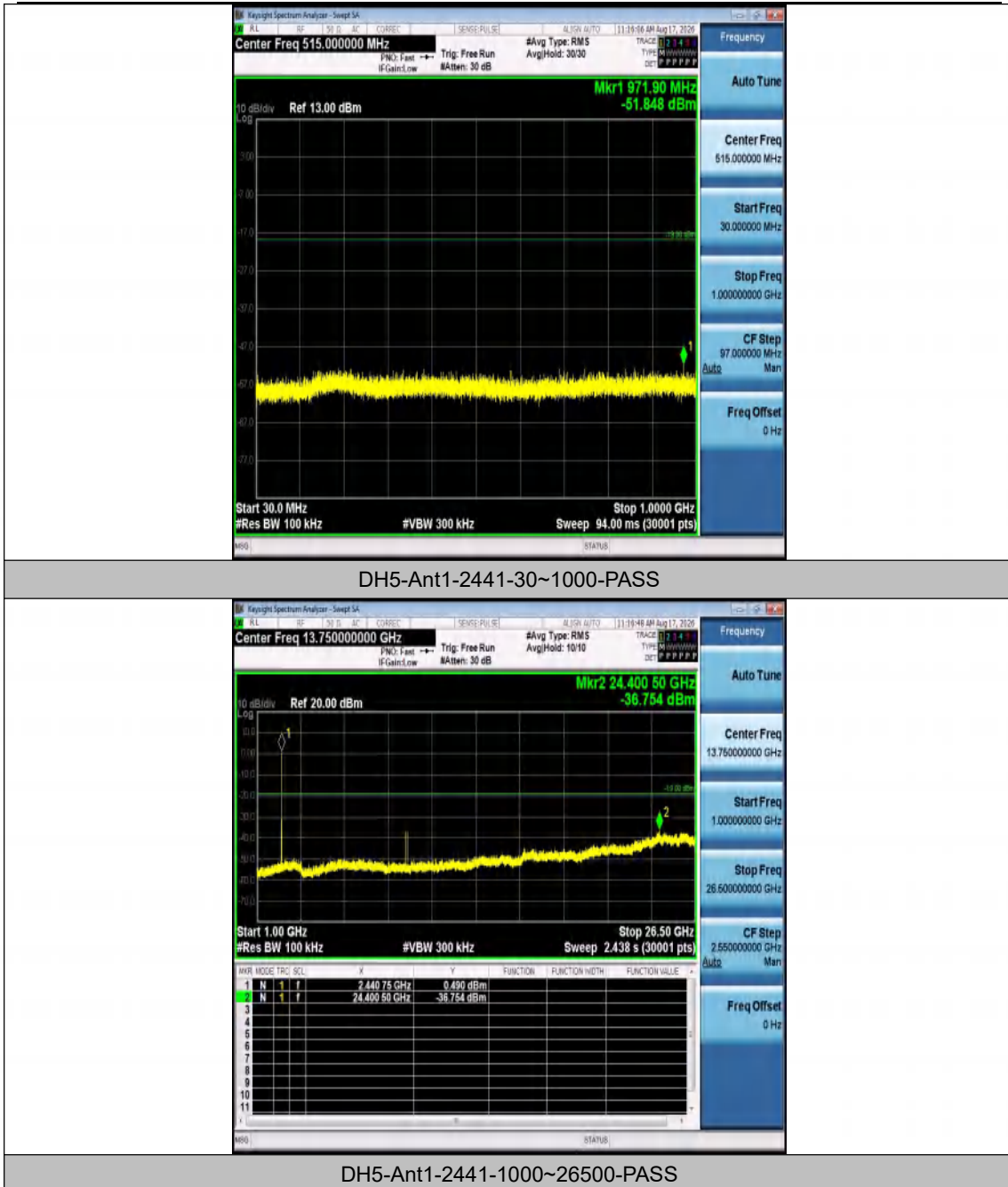


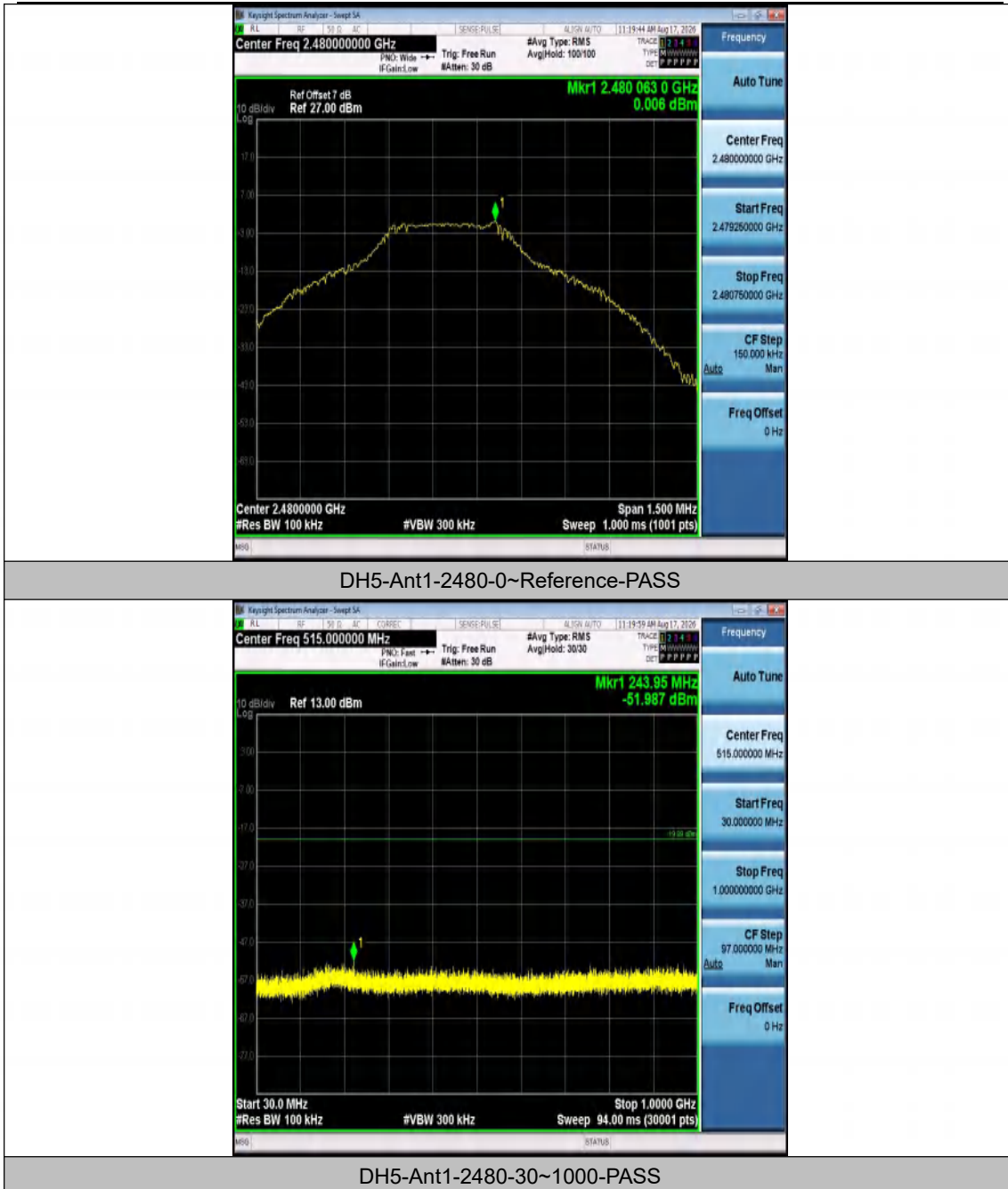
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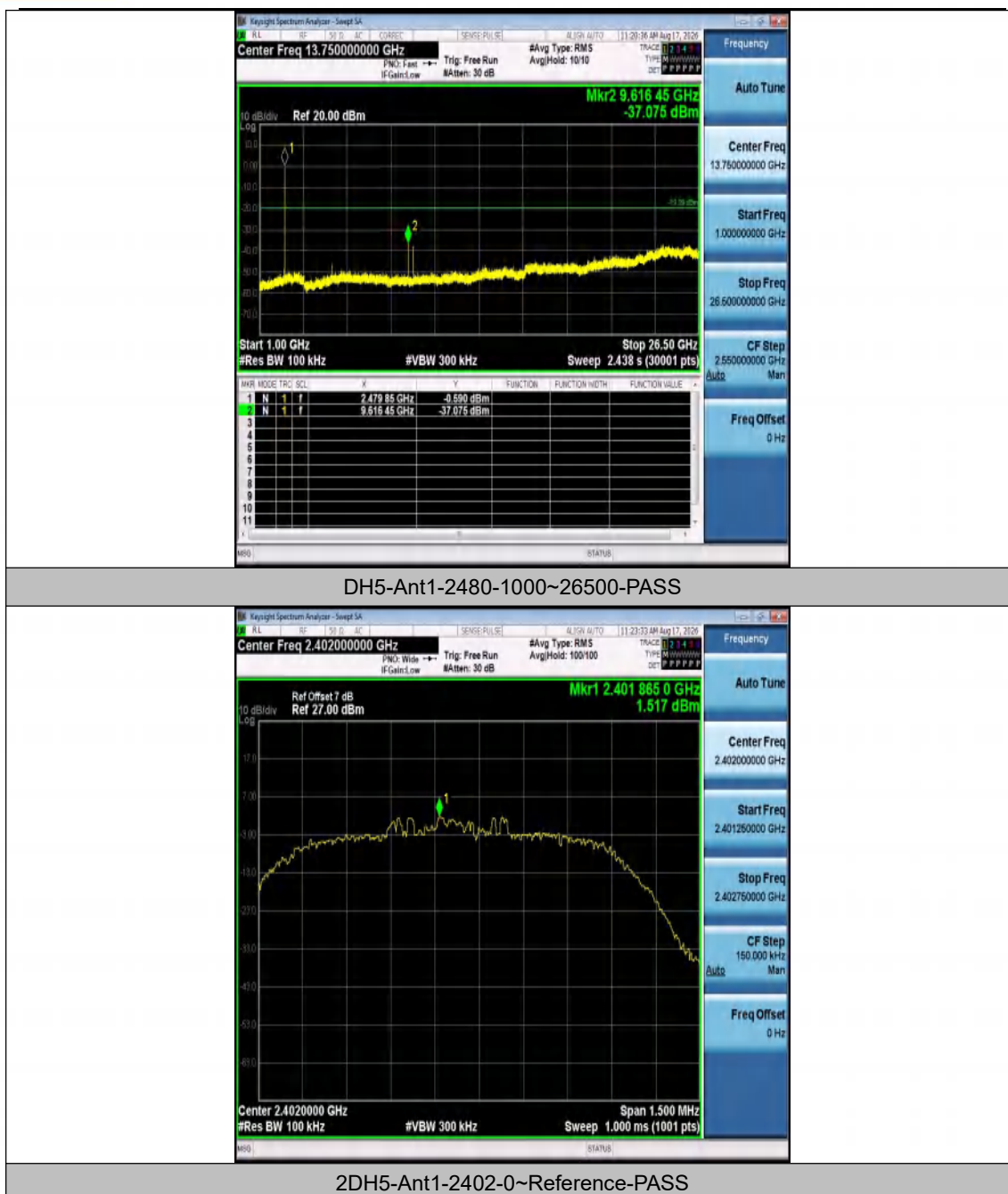


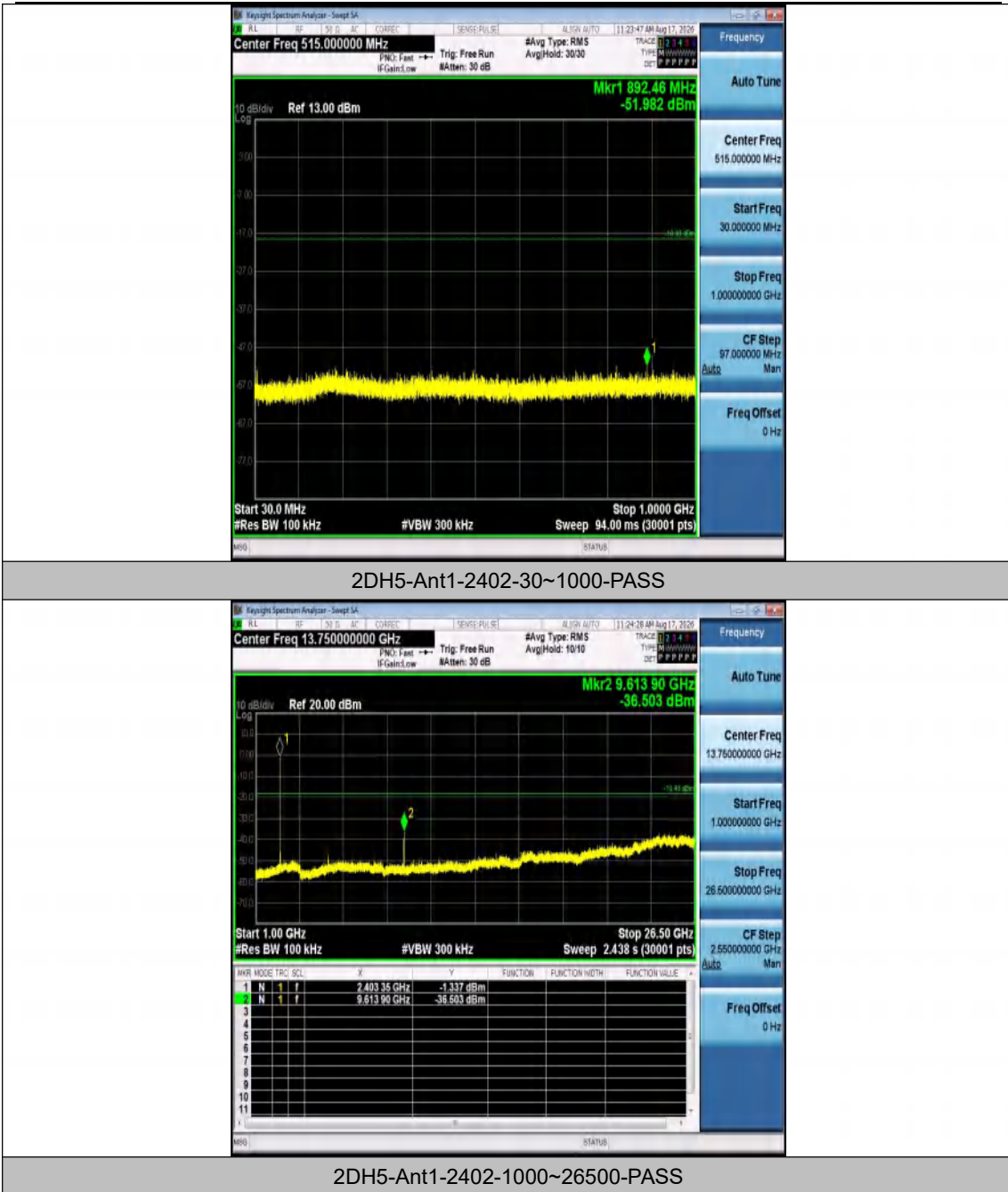


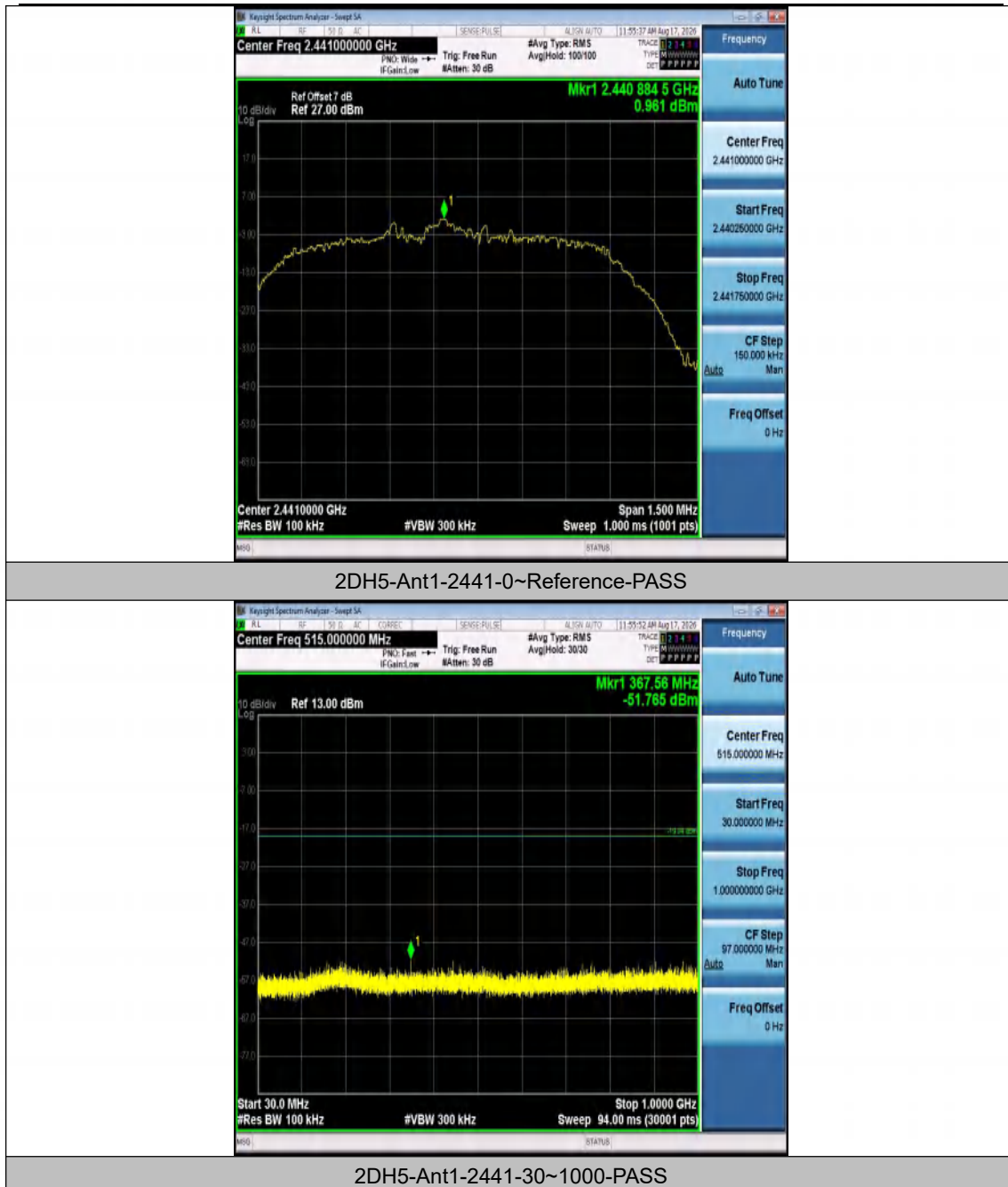
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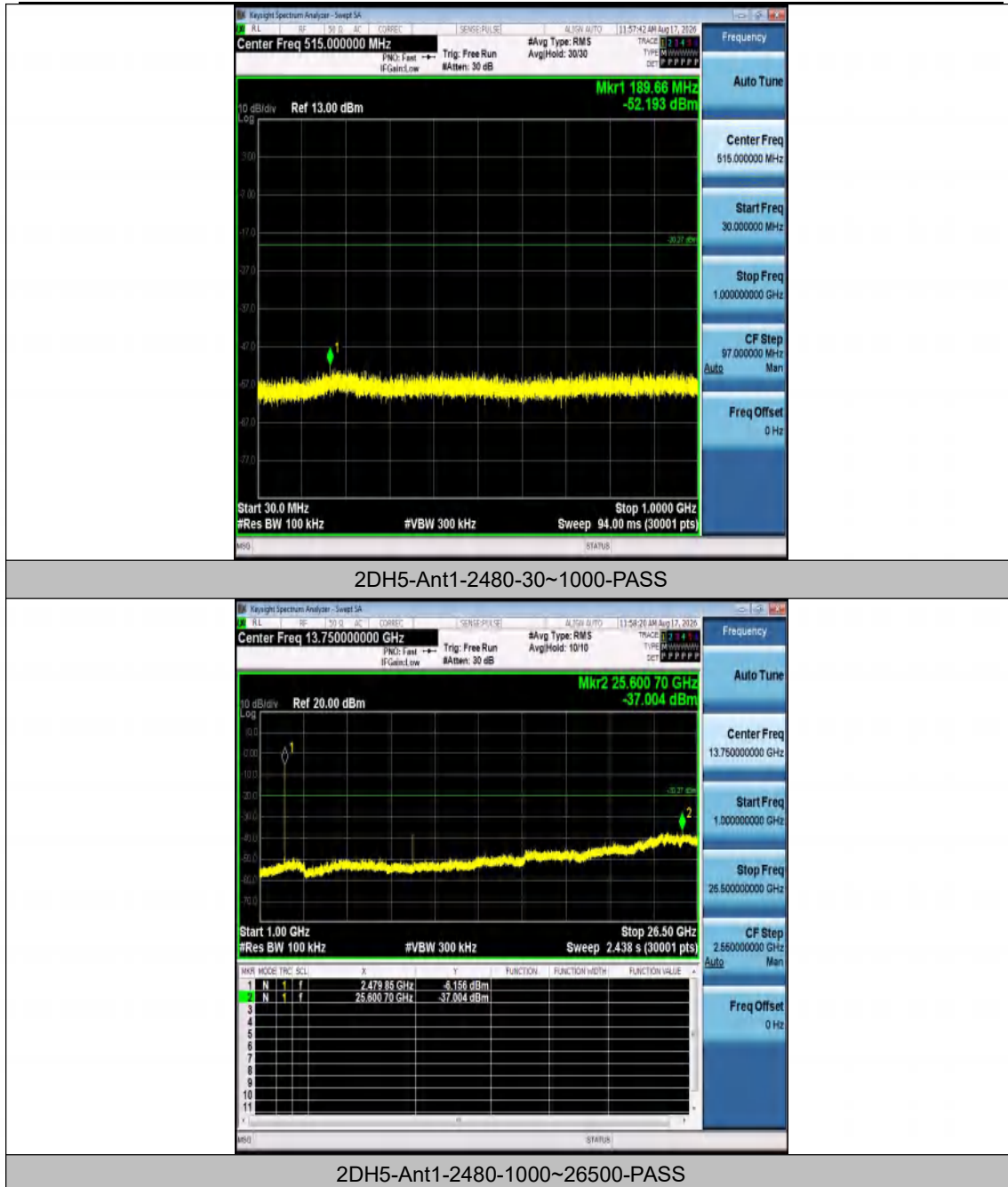


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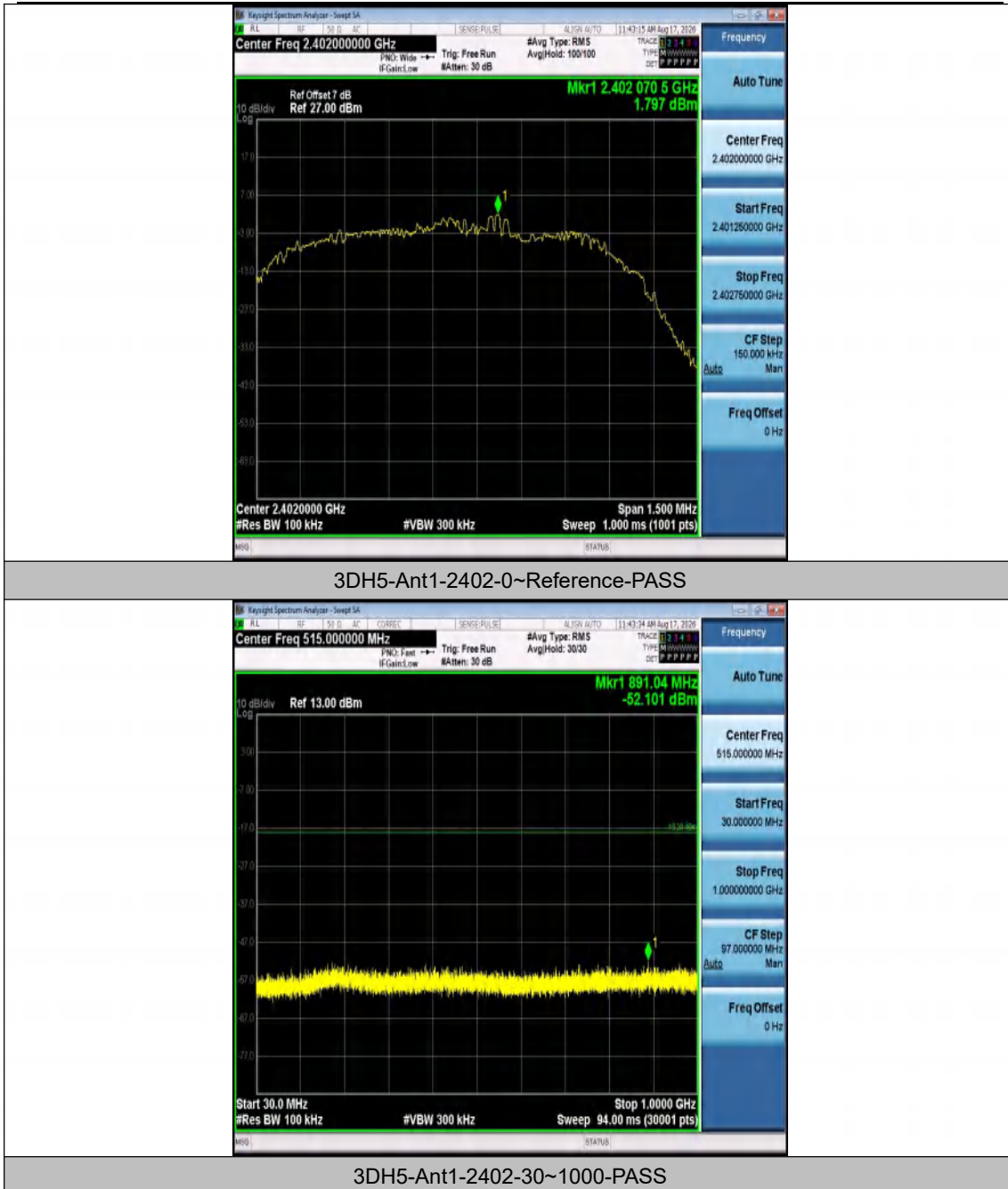




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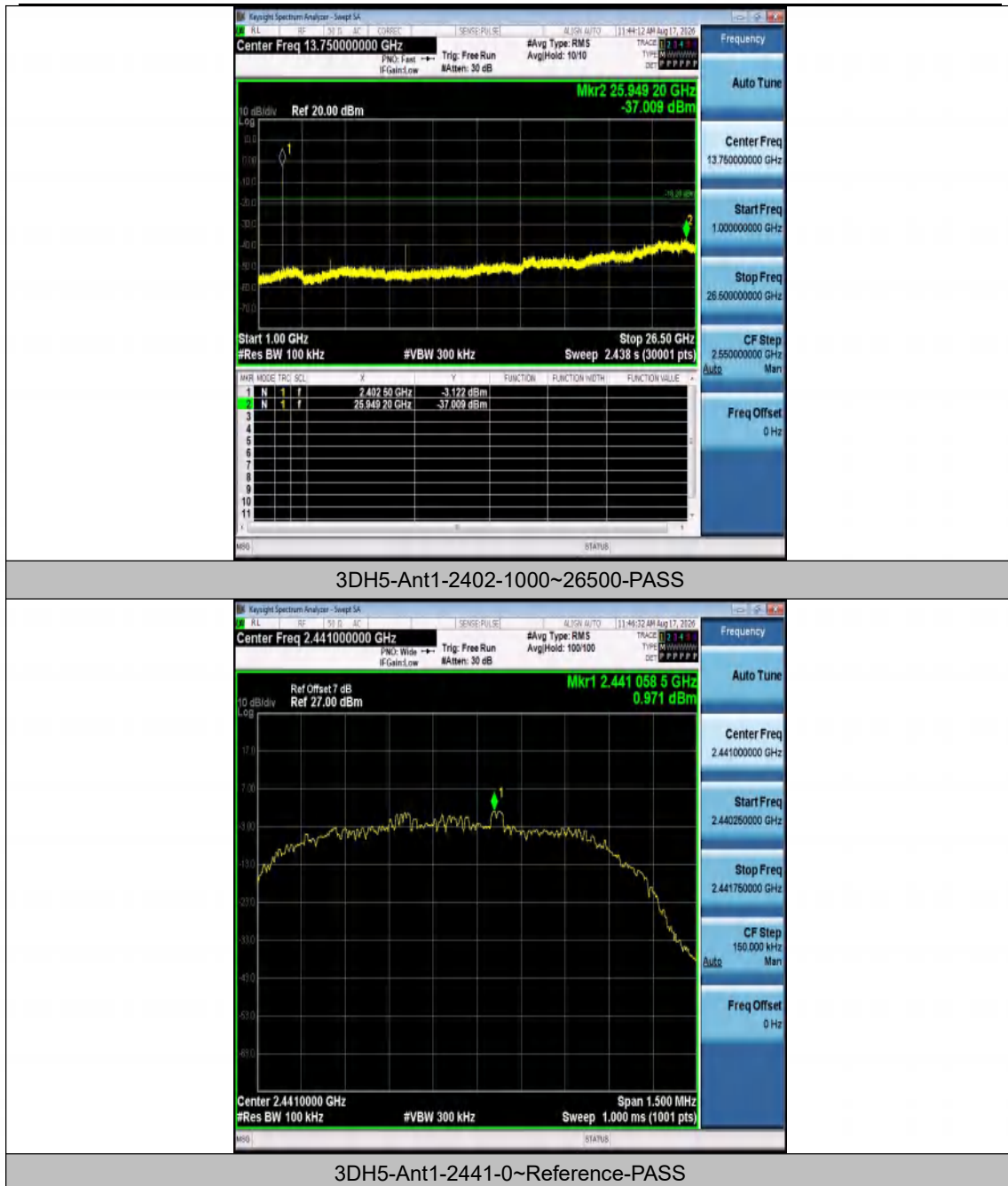
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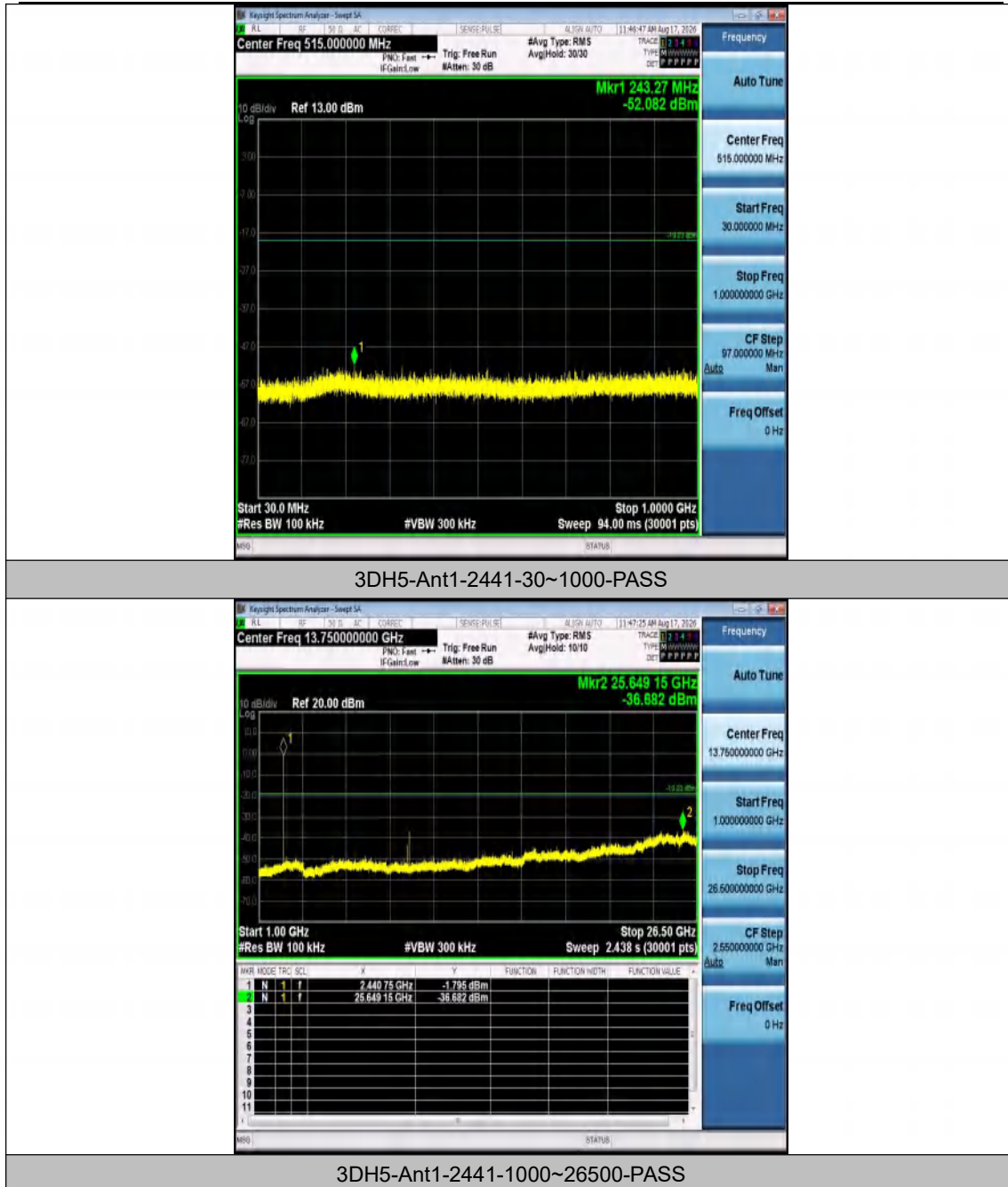
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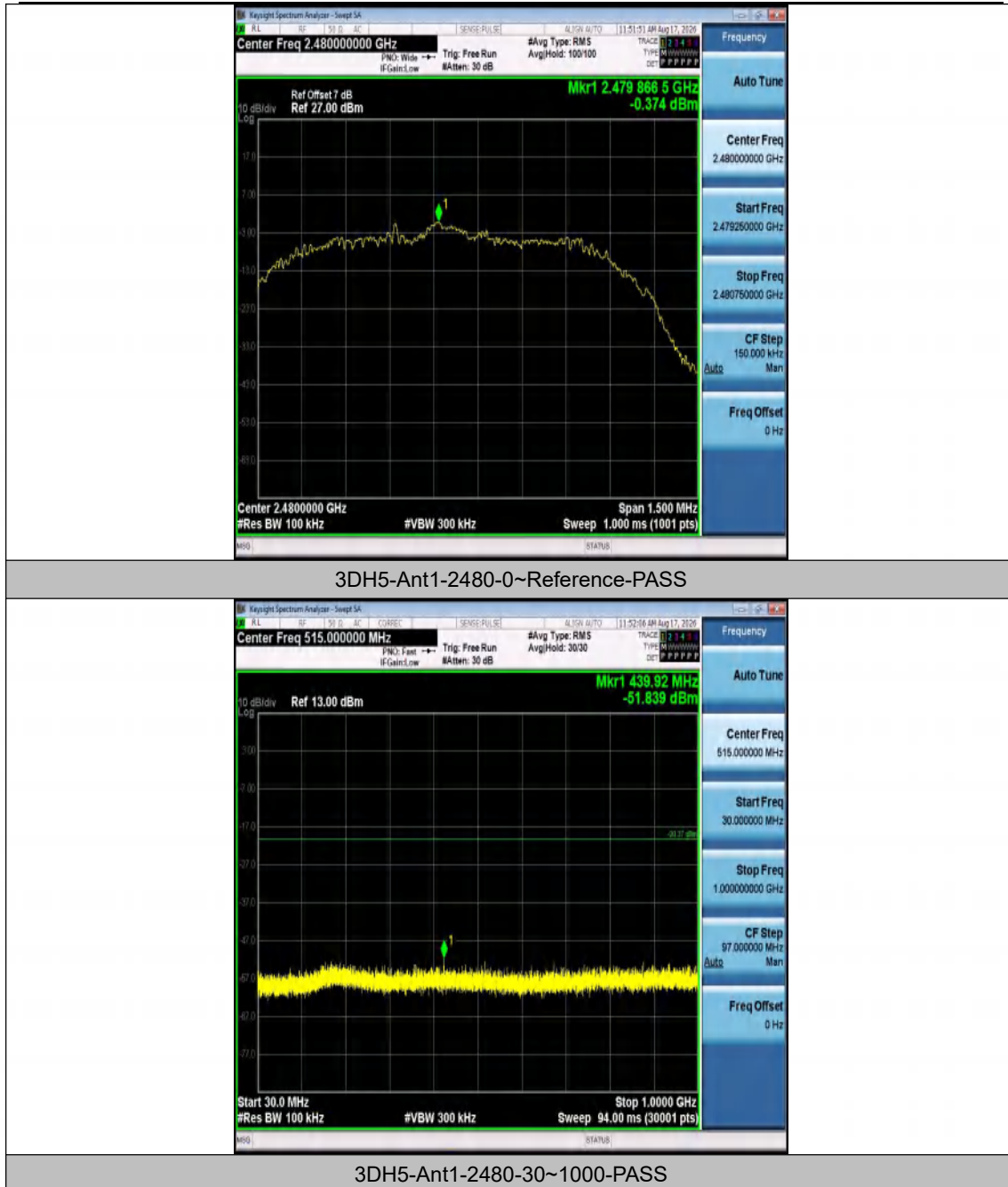
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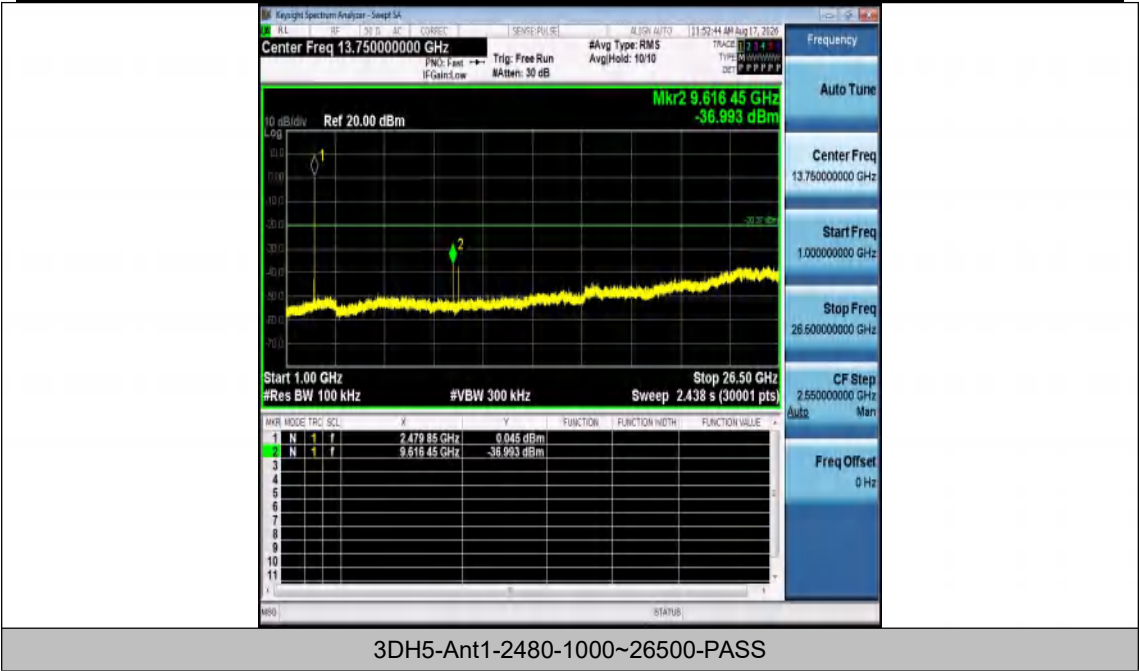
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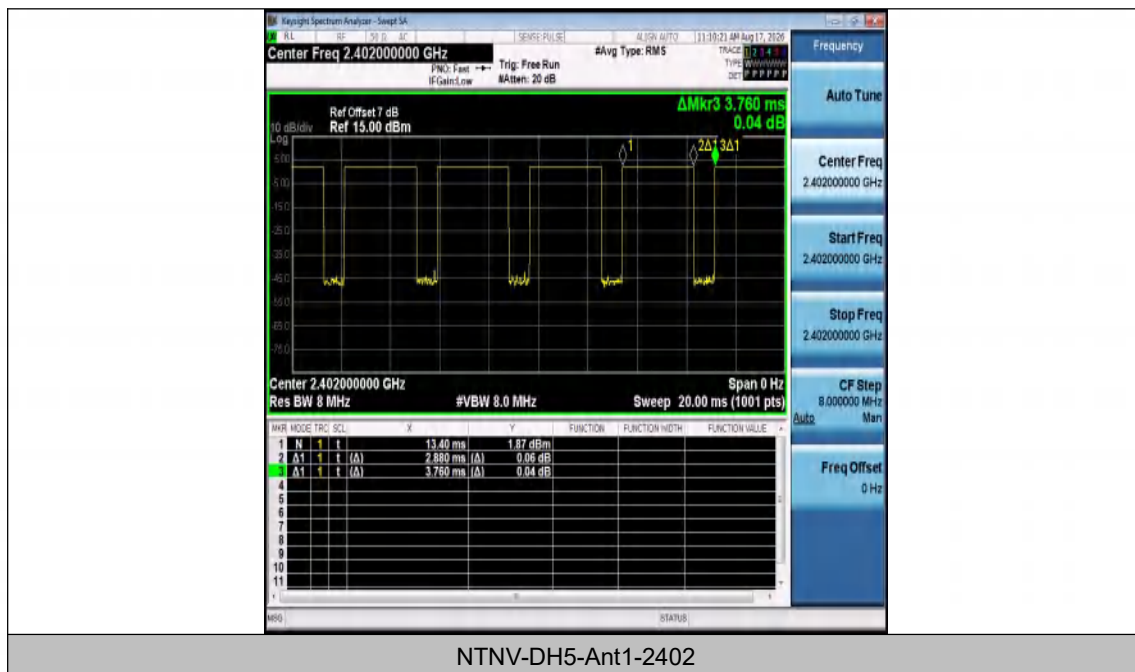
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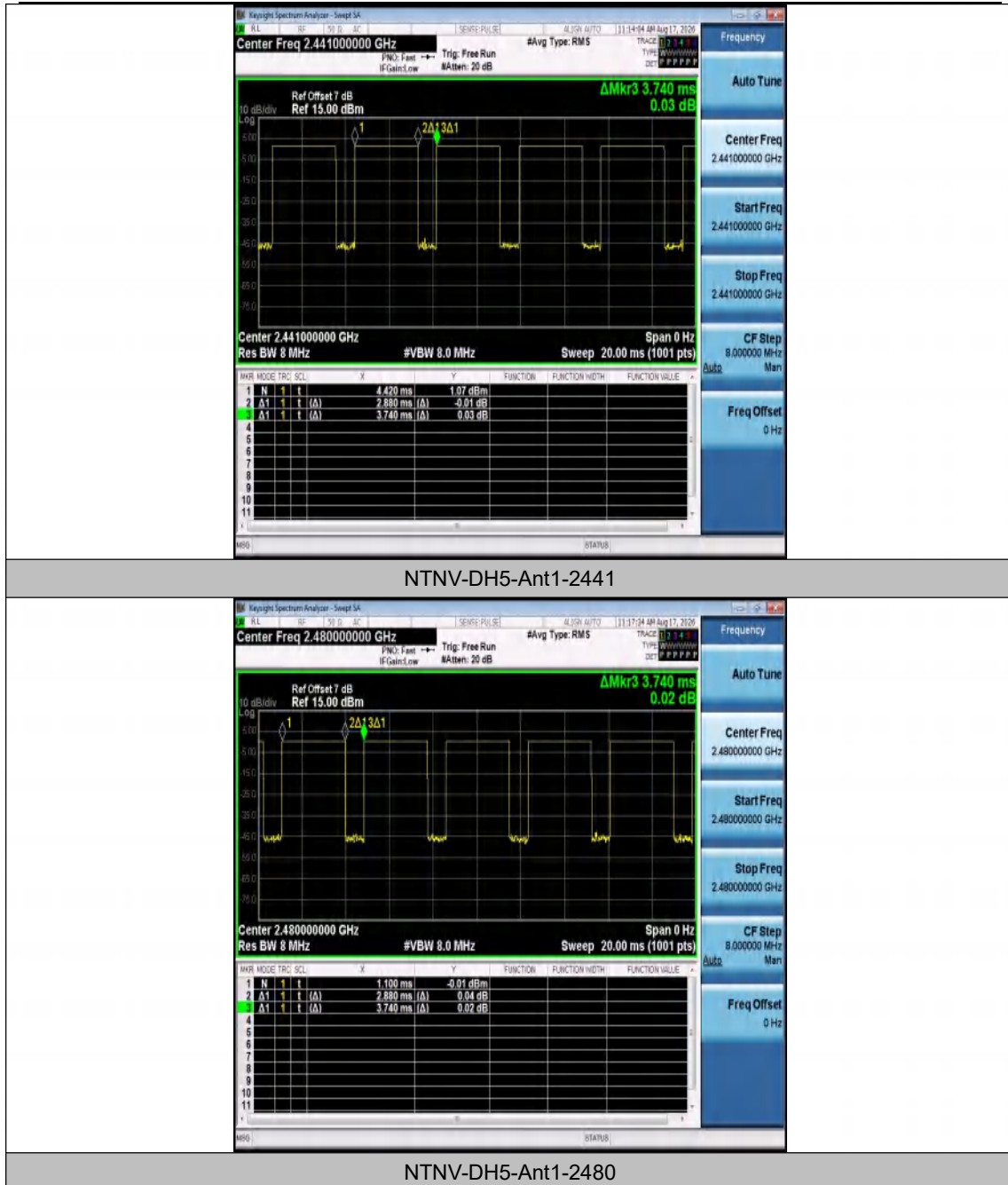
Appendix I: Duty Cycle

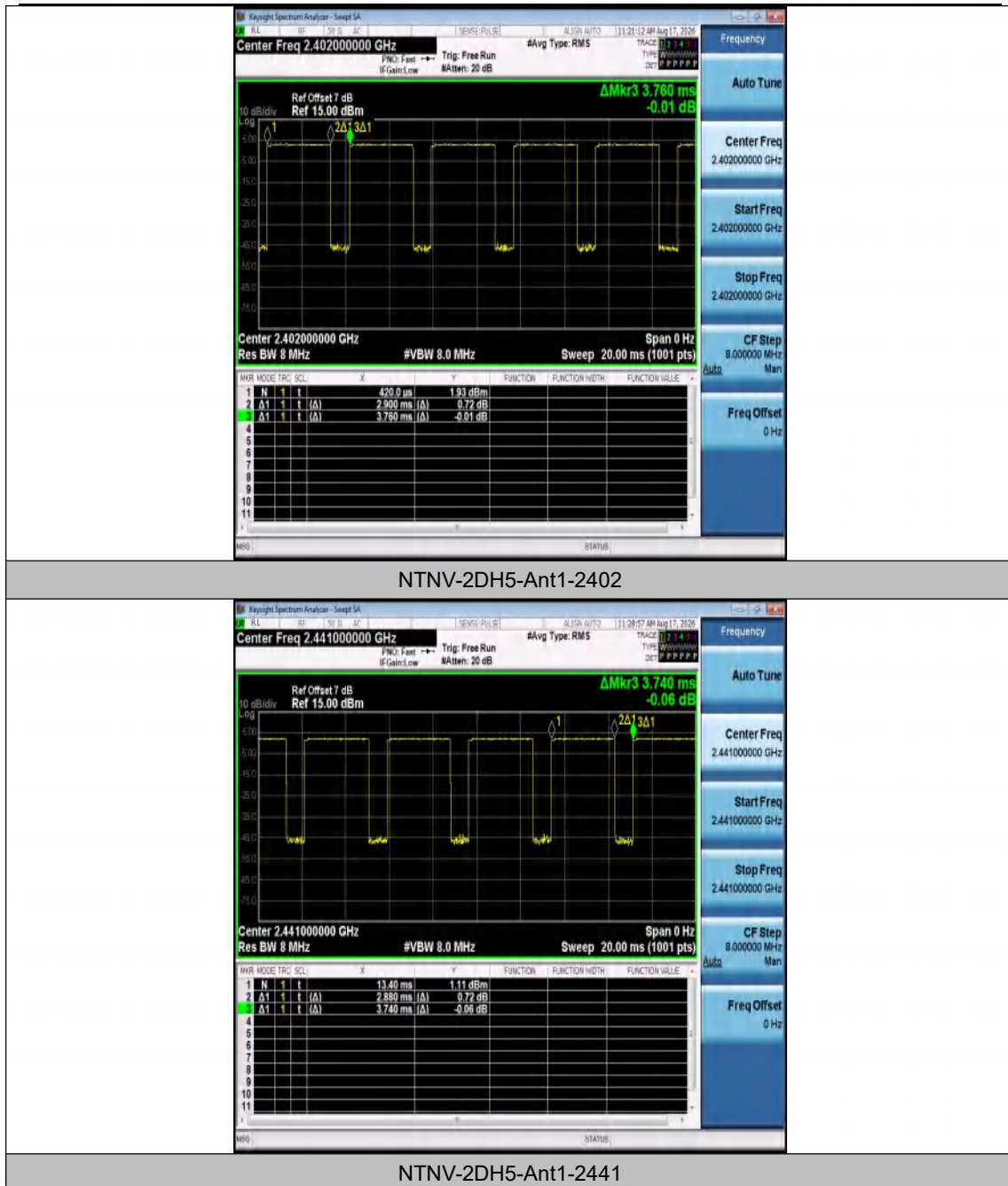
Test Result

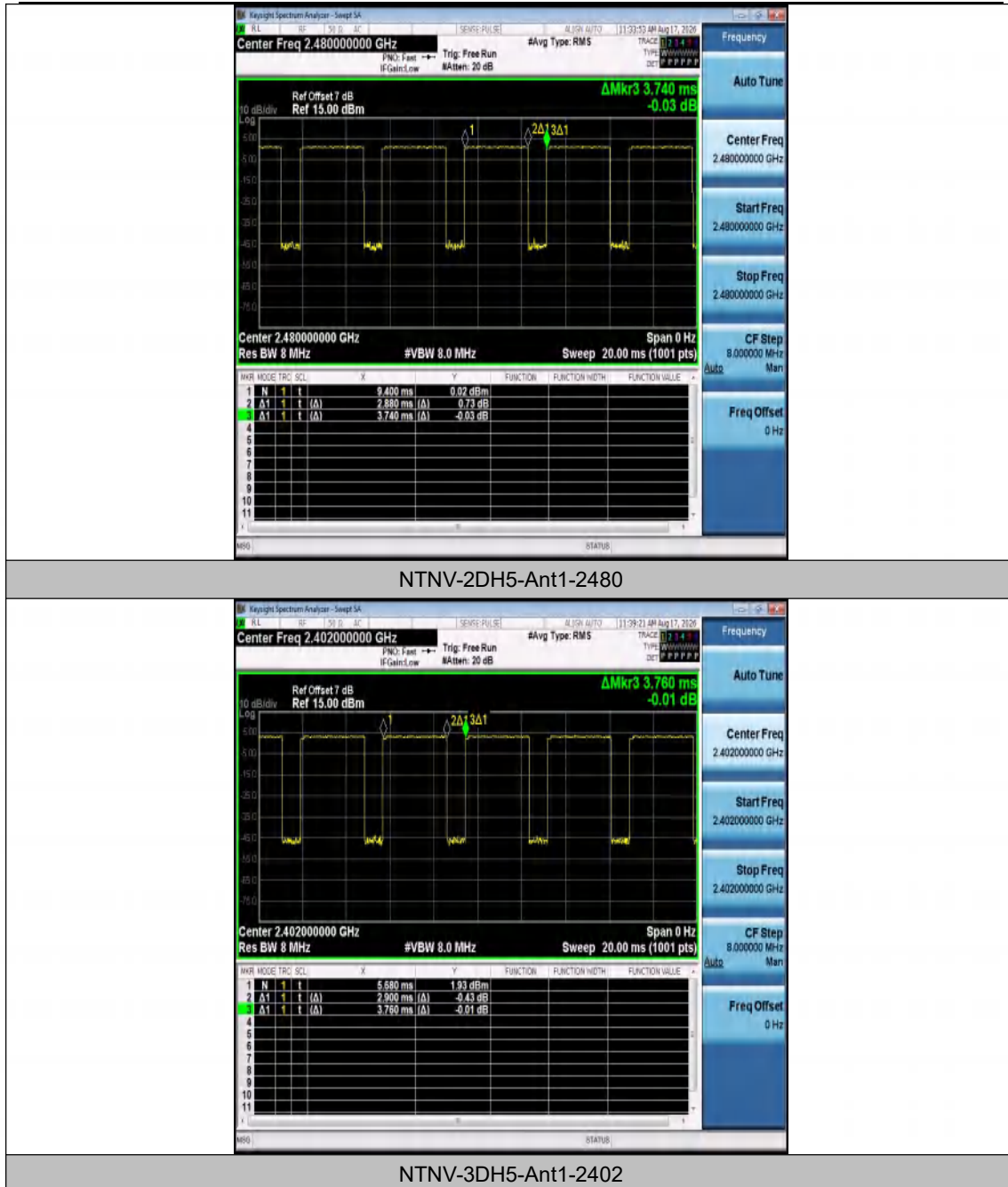
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.76	76.60	1.16
DH5	Ant1	2441	2.88	3.74	77.01	1.13
DH5	Ant1	2480	2.88	3.74	77.01	1.13
2DH5	Ant1	2402	2.90	3.76	77.13	1.13
2DH5	Ant1	2441	2.88	3.74	77.01	1.13
2DH5	Ant1	2480	2.88	3.74	77.01	1.13
3DH5	Ant1	2402	2.90	3.76	77.13	1.13
3DH5	Ant1	2441	2.88	3.74	77.01	1.13
3DH5	Ant1	2480	2.88	3.74	77.01	1.13

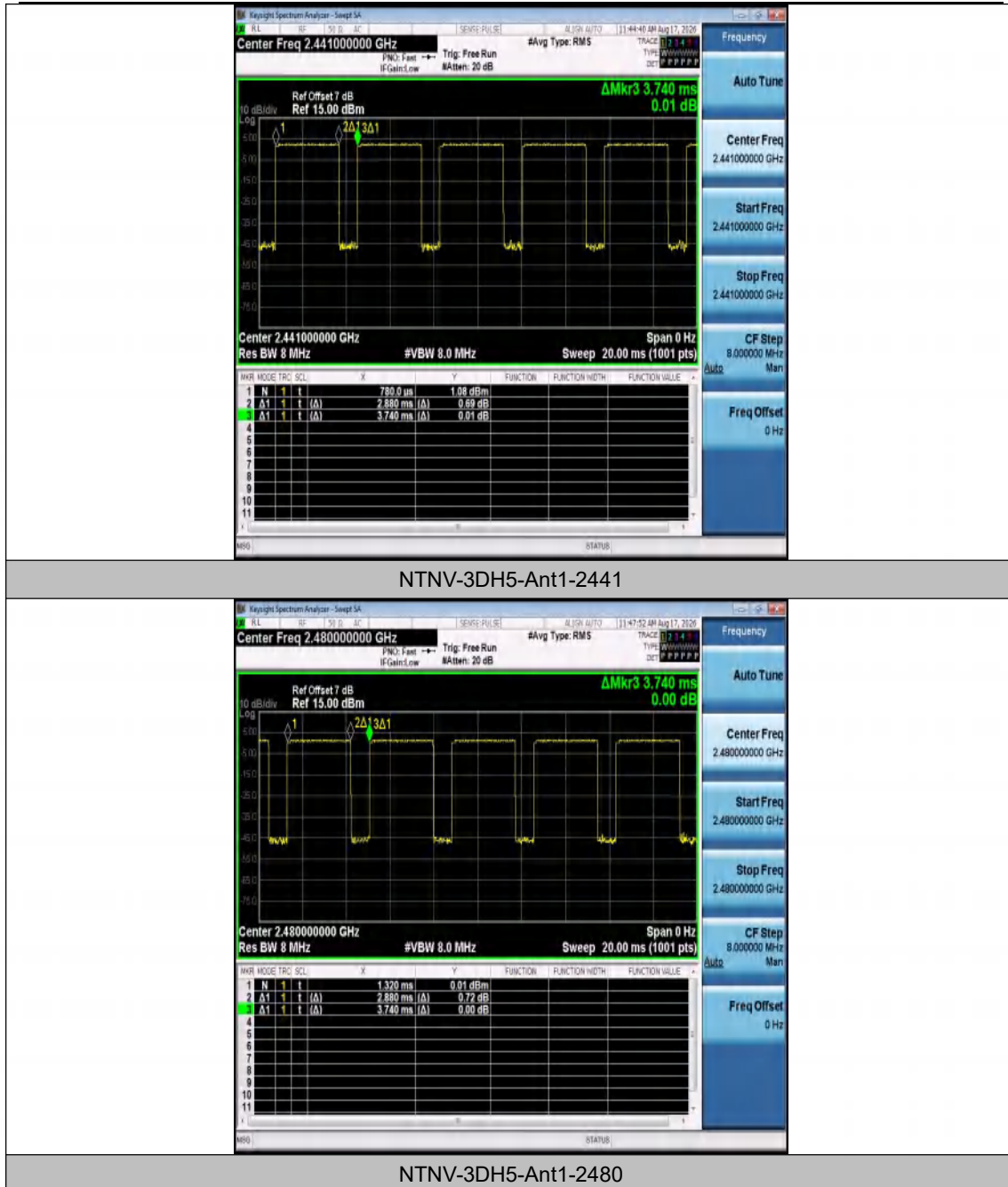
Test Graphs











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