

Appendix Test Data

Report No.:	1812C60325112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-22	Finish Test Date:	2026-6-24
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.2°C	Relative Humidity:	65%
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	0.933	2401.541	2402.474	---	---
DH5	Ant1	2441	0.930	2440.535	2441.465	---	---
DH5	Ant1	2480	0.945	2479.538	2480.483	---	---
2DH5	Ant1	2402	1.287	2401.367	2402.654	---	---
2DH5	Ant1	2441	1.272	2440.385	2441.657	---	---
2DH5	Ant1	2480	1.284	2479.370	2480.654	---	---
3DH5	Ant1	2402	1.341	2401.331	2402.672	---	---
3DH5	Ant1	2441	1.299	2440.355	2441.654	---	---
3DH5	Ant1	2480	1.296	2479.361	2480.657	---	---

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	0.87013	2401.5663	2402.4364	---	---
DH5	Ant1	2441	0.85177	2440.5782	2441.4299	---	---
DH5	Ant1	2480	0.86279	2479.5721	2480.4349	---	---
2DH5	Ant1	2402	1.1827	2401.4131	2402.5958	---	---
2DH5	Ant1	2441	1.1965	2440.4058	2441.6023	---	---
2DH5	Ant1	2480	1.1841	2479.4109	2480.5950	---	---
3DH5	Ant1	2402	1.1886	2401.4068	2402.5954	---	---
3DH5	Ant1	2441	1.1895	2440.4051	2441.5946	---	---
3DH5	Ant1	2480	1.1945	2479.4061	2480.6006	---	---

Test Graphs



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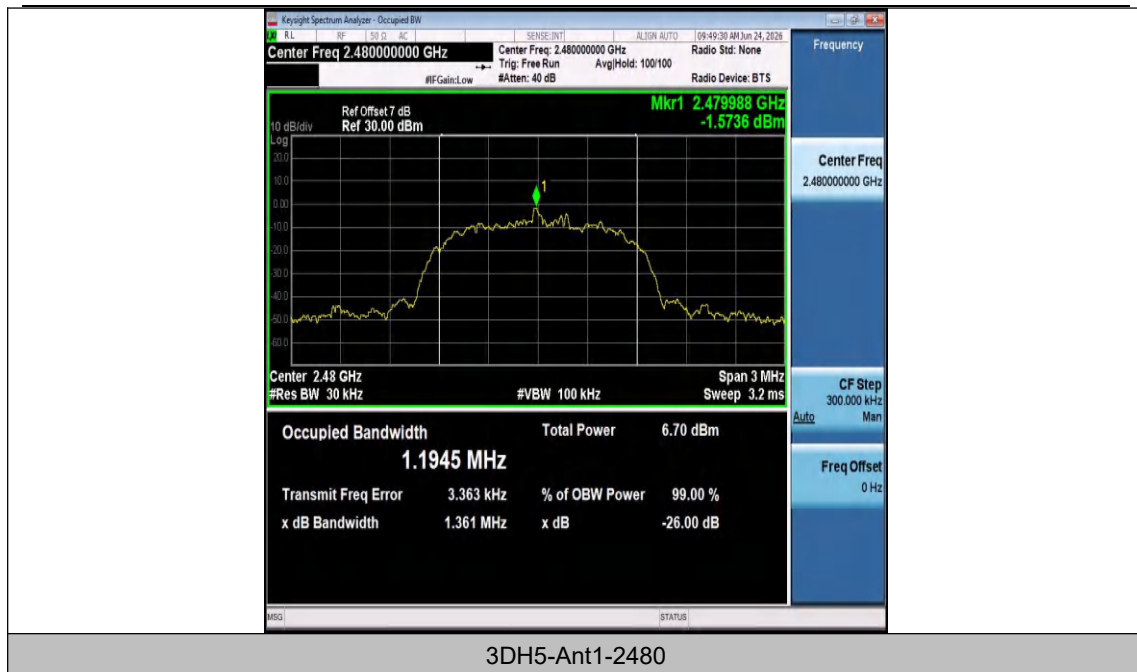
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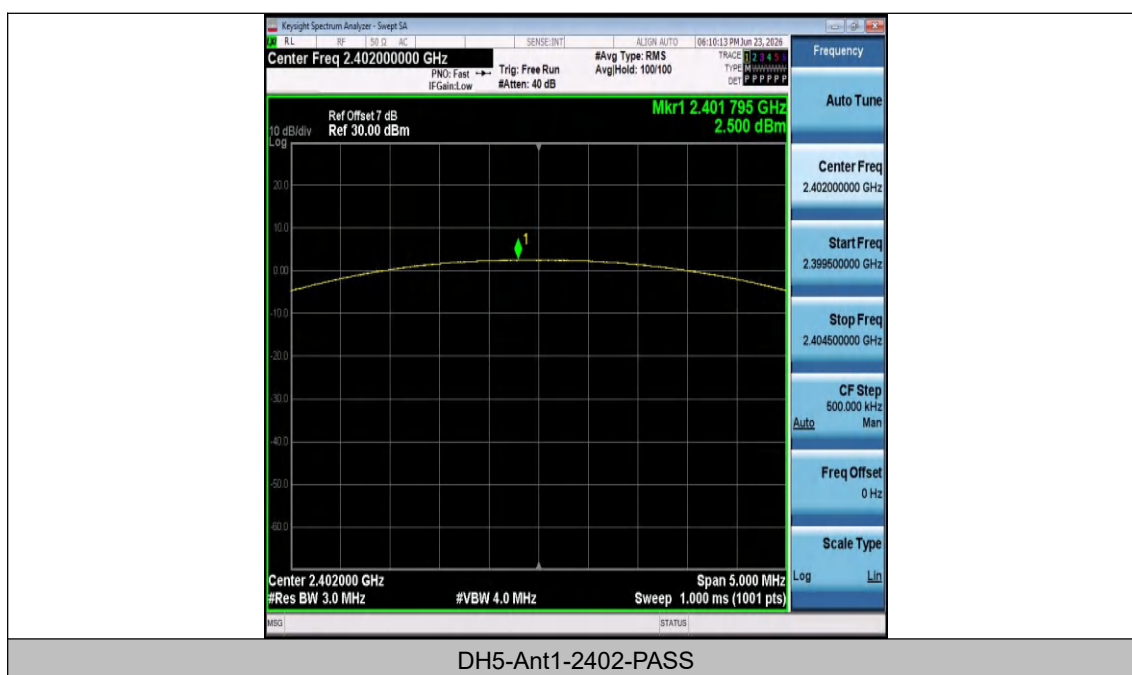
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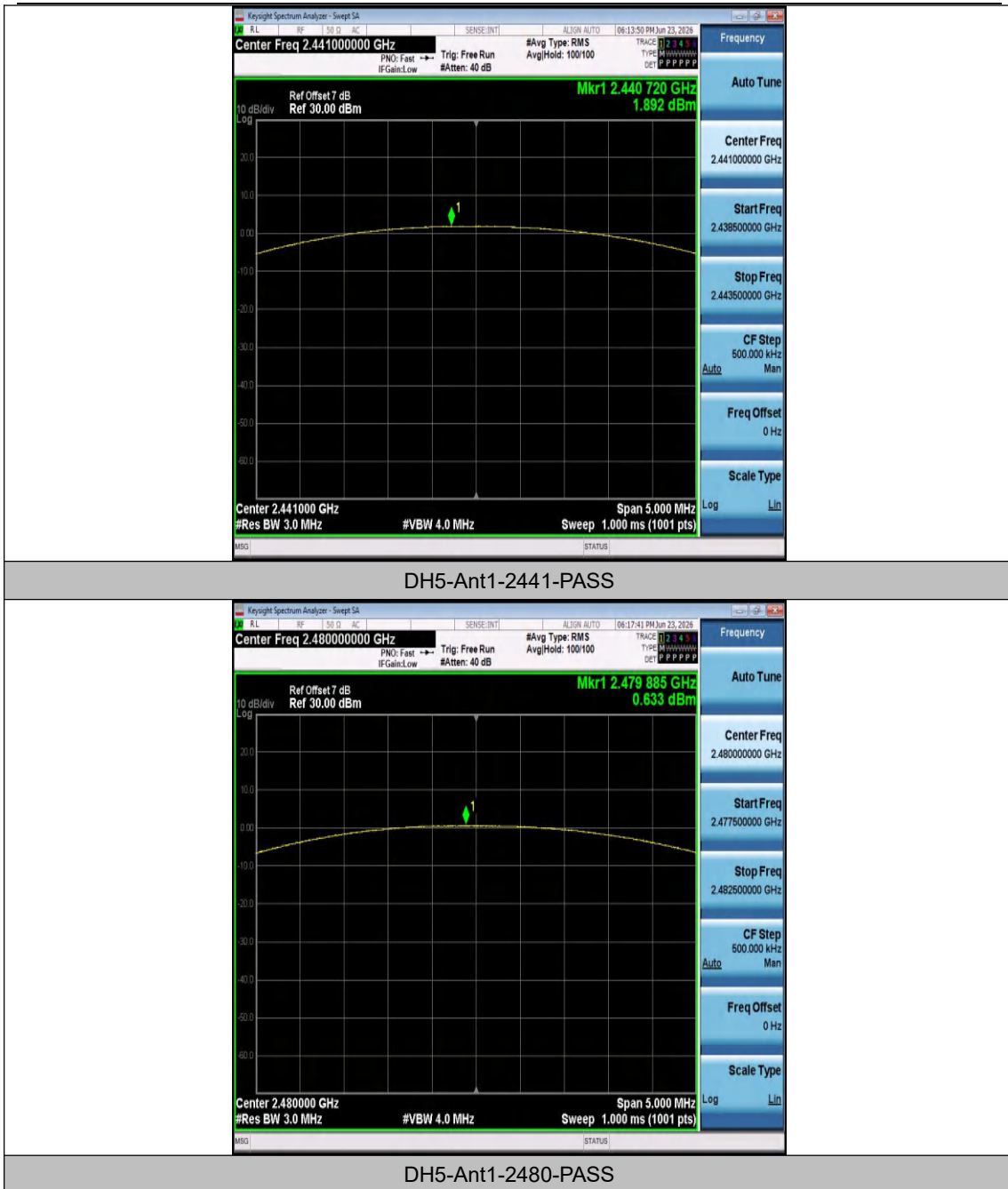
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.50	≤20.97	PASS
DH5	Ant1	2441	1.89	≤20.97	PASS
DH5	Ant1	2480	0.63	≤20.97	PASS
2DH5	Ant1	2402	3.46	≤20.97	PASS
2DH5	Ant1	2441	2.75	≤20.97	PASS
2DH5	Ant1	2480	1.53	≤20.97	PASS
3DH5	Ant1	2402	3.98	≤20.97	PASS
3DH5	Ant1	2441	3.28	≤20.97	PASS
3DH5	Ant1	2480	2.02	≤20.97	PASS

Test Graphs

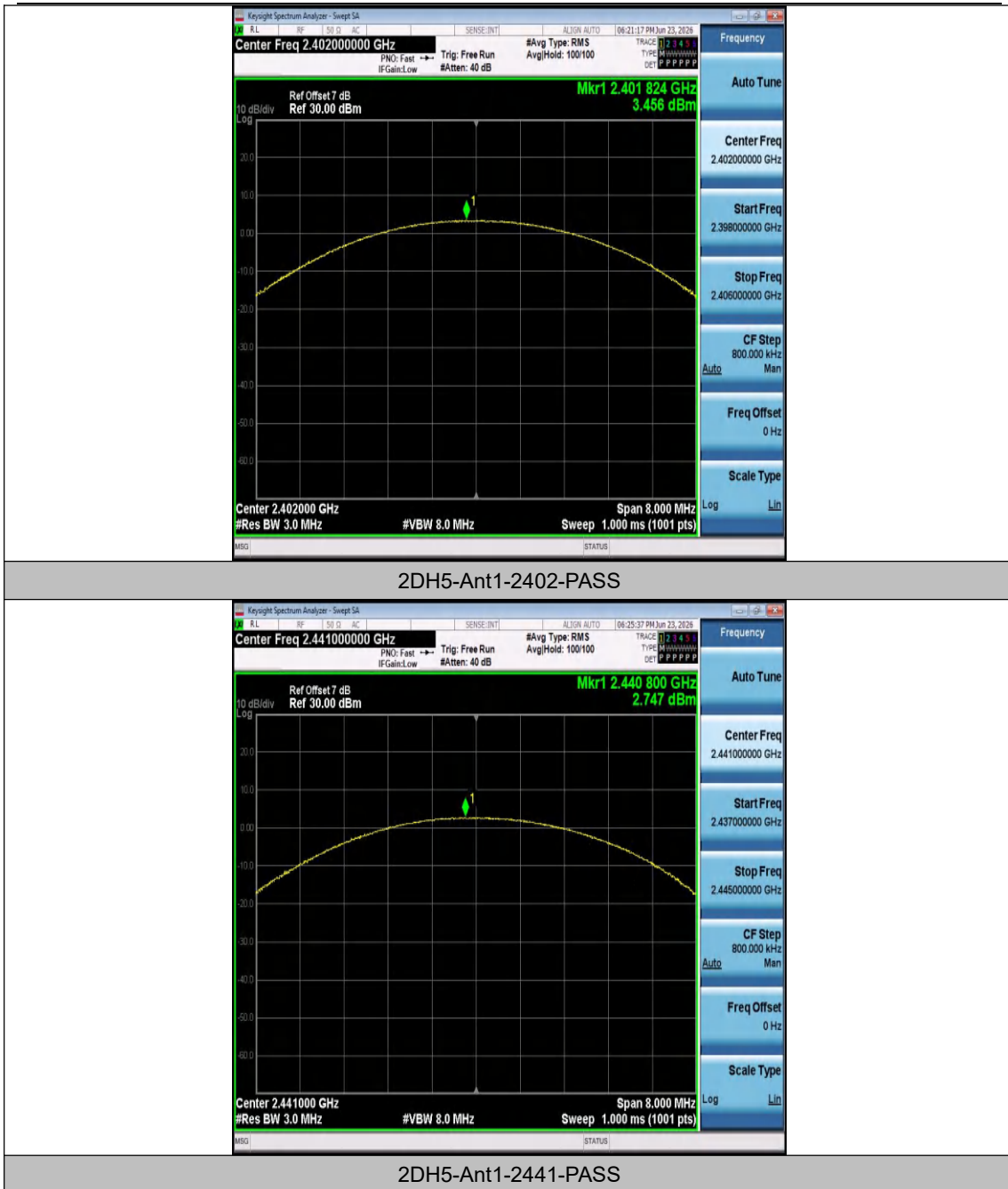




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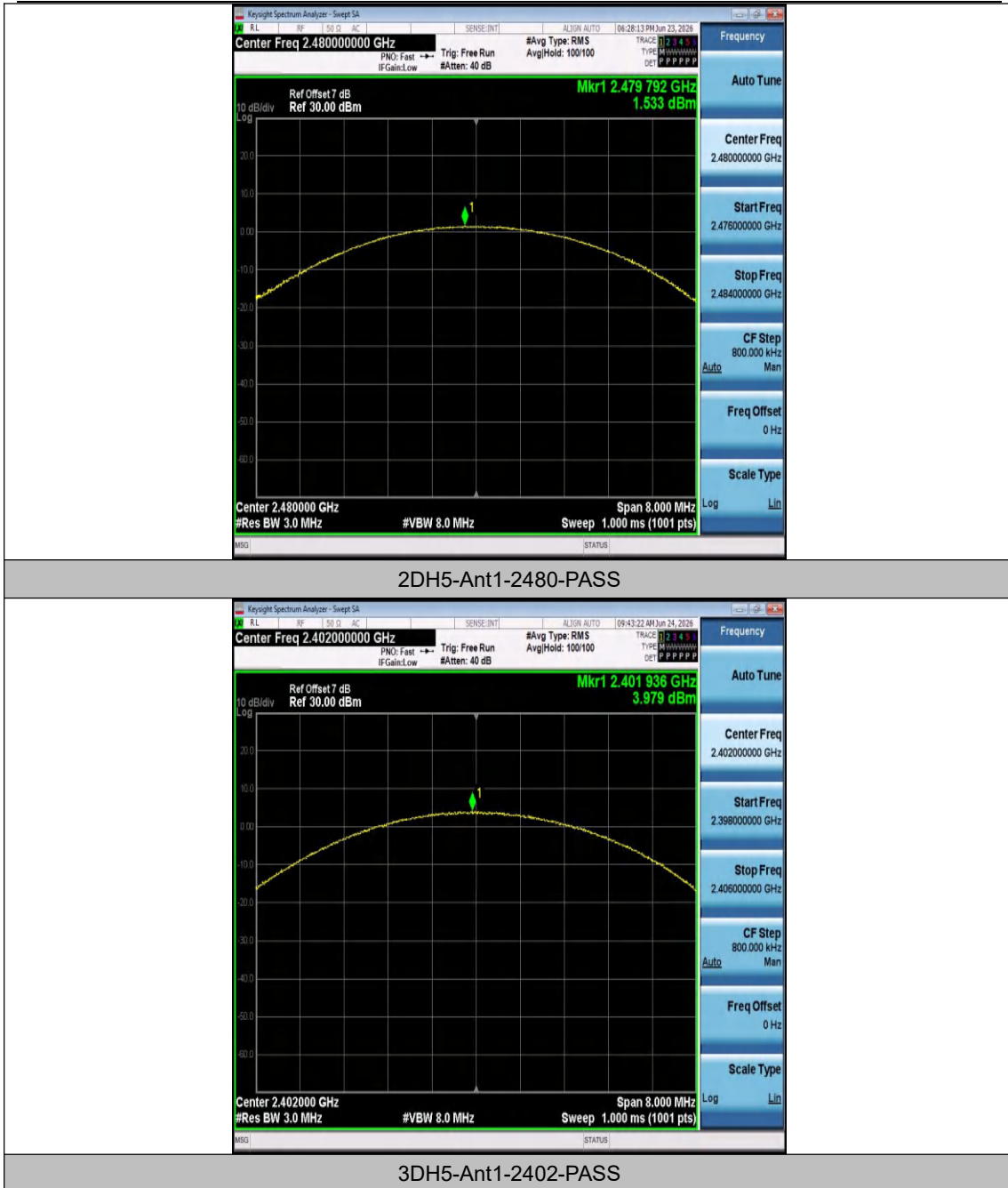
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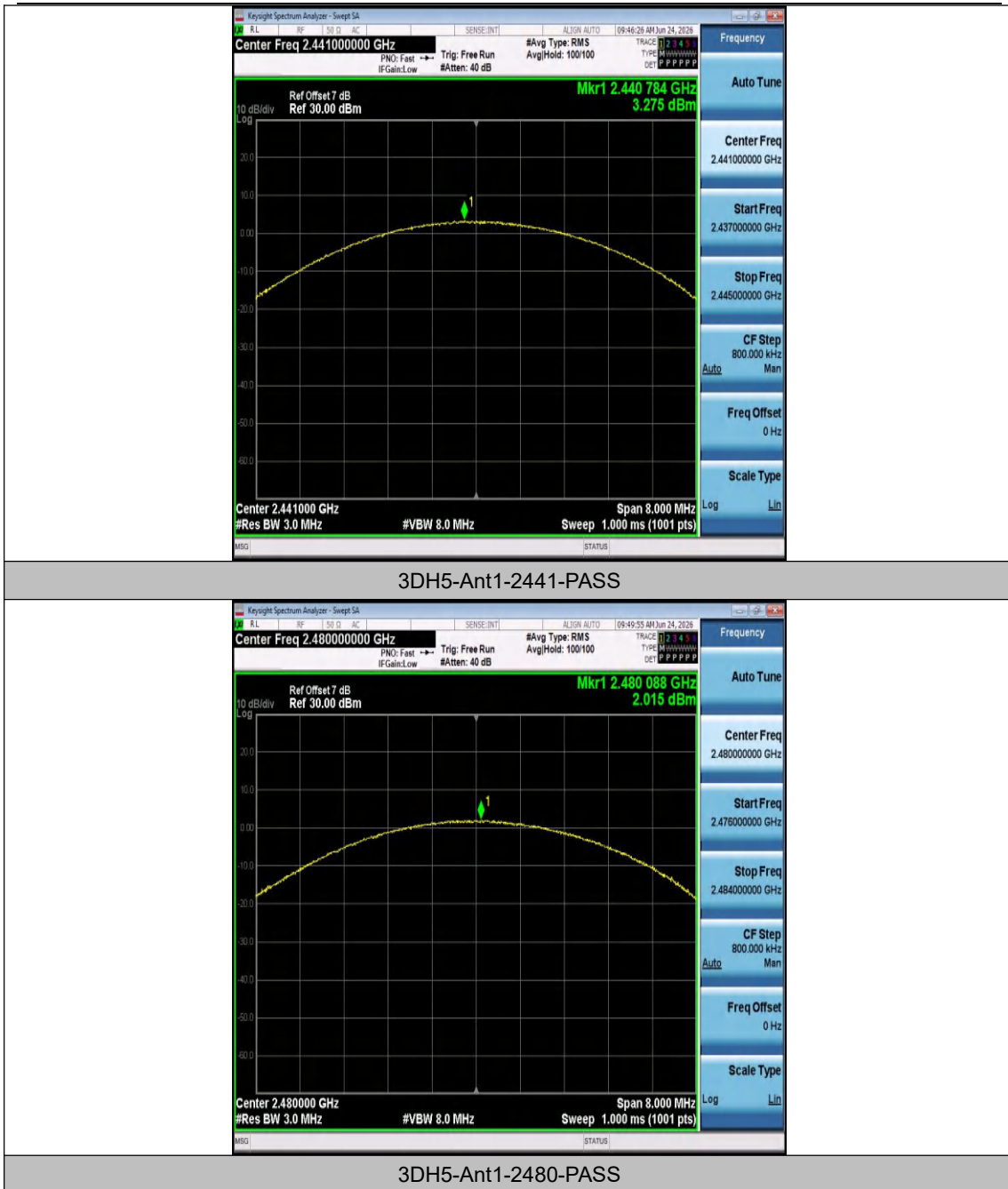
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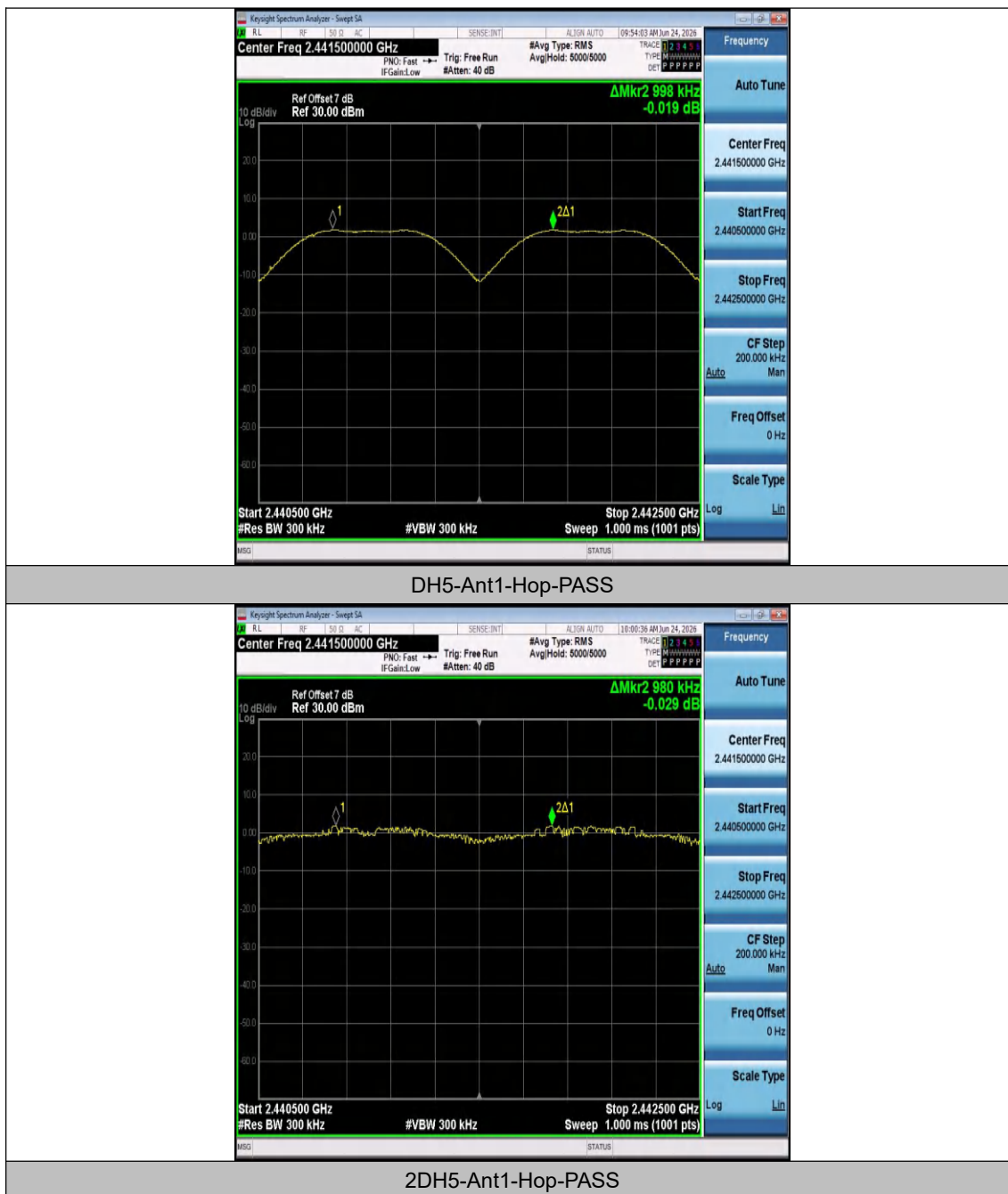
Appendix D: Carrier frequency separation

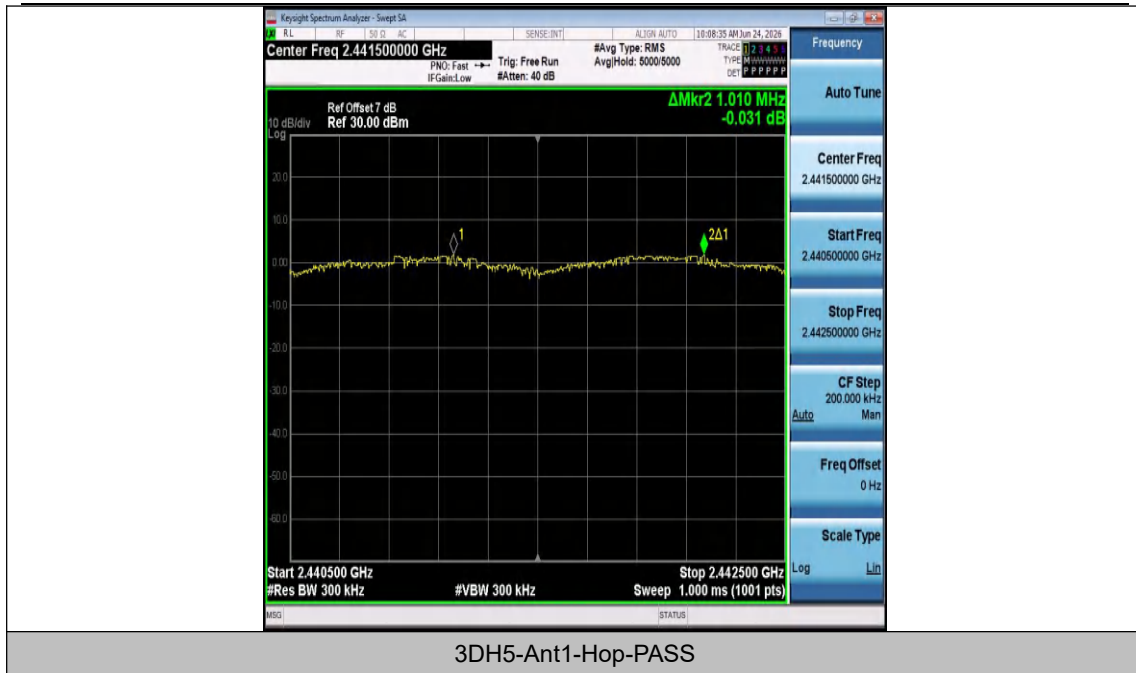
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.630	PASS
2DH5	Ant1	Hop	0.98	≥ 0.858	PASS
3DH5	Ant1	Hop	1.01	≥ 0.894	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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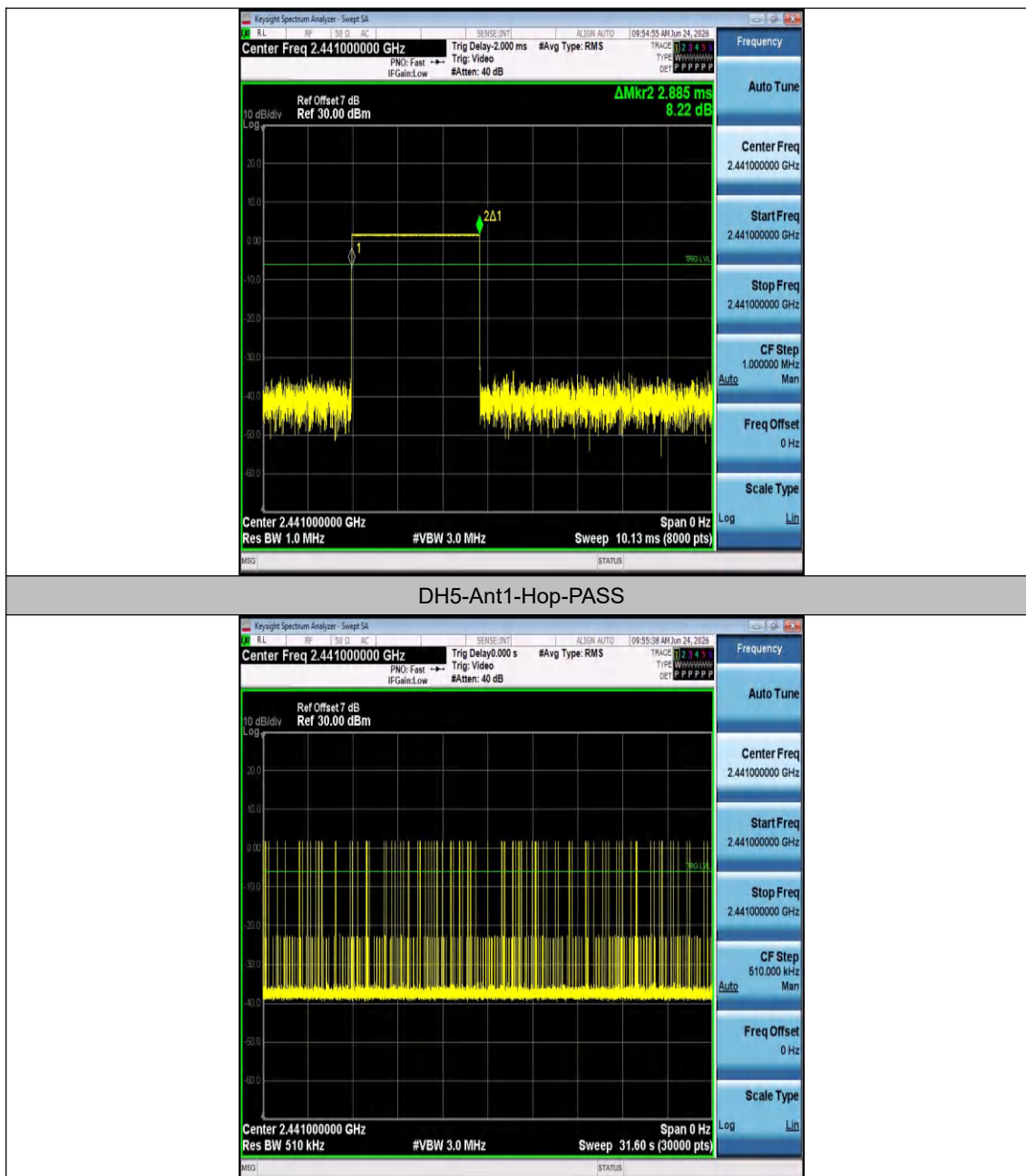
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	95	0.274	≤0.4	PASS
2DH5	Ant1	Hop	2.891	121	0.35	≤0.4	PASS
3DH5	Ant1	Hop	2.892	108	0.312	≤0.4	PASS

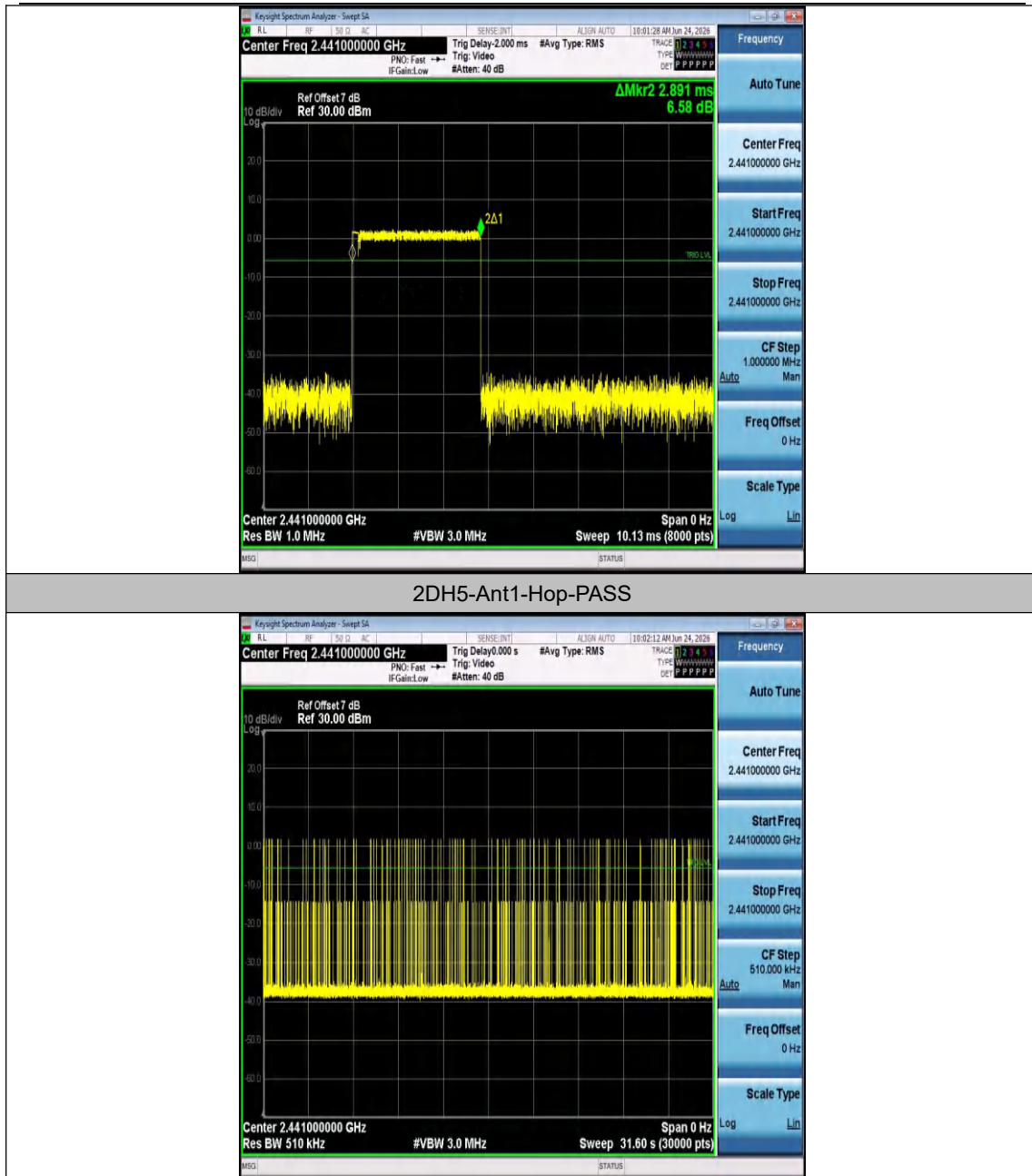
Test Graphs



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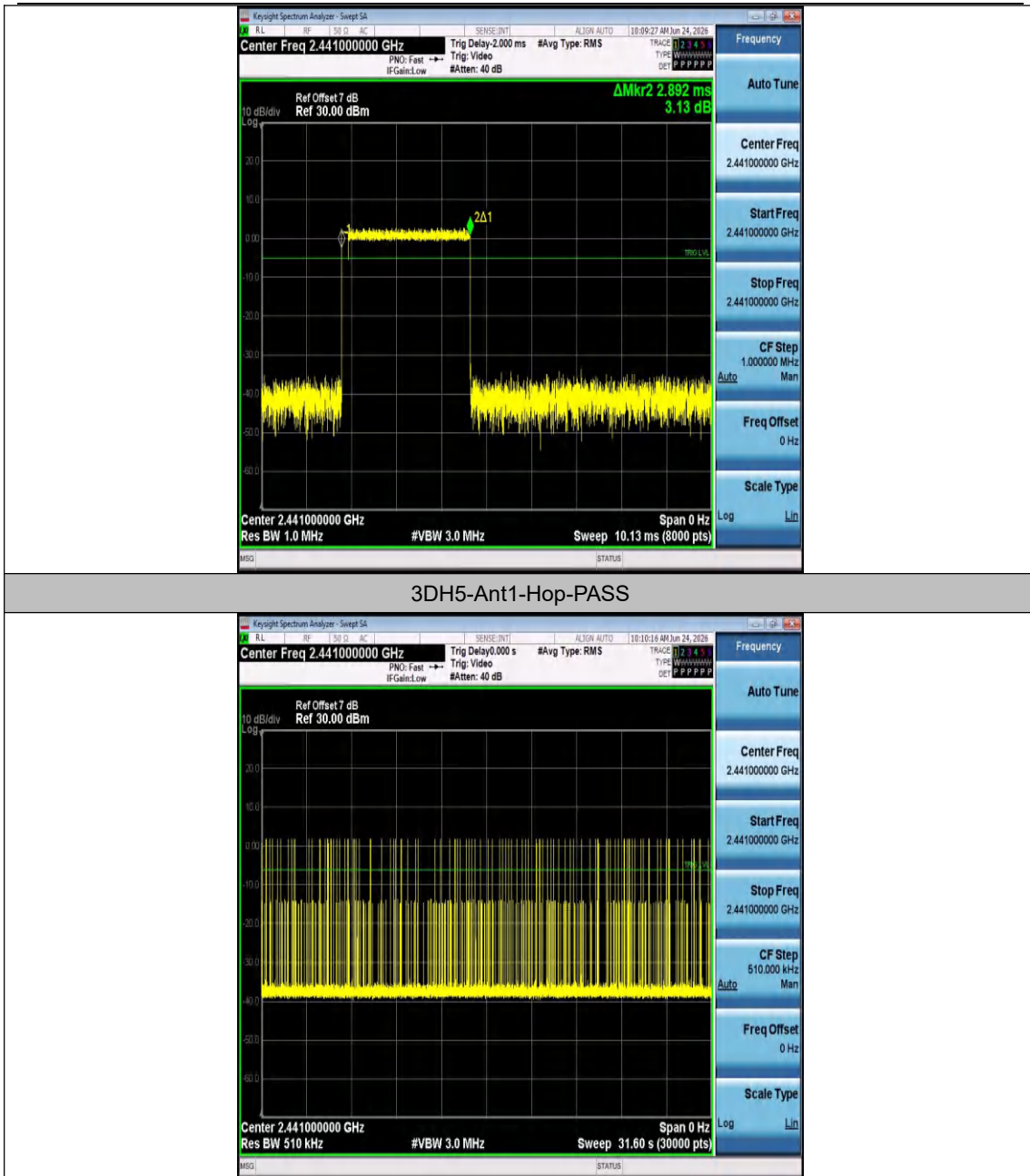
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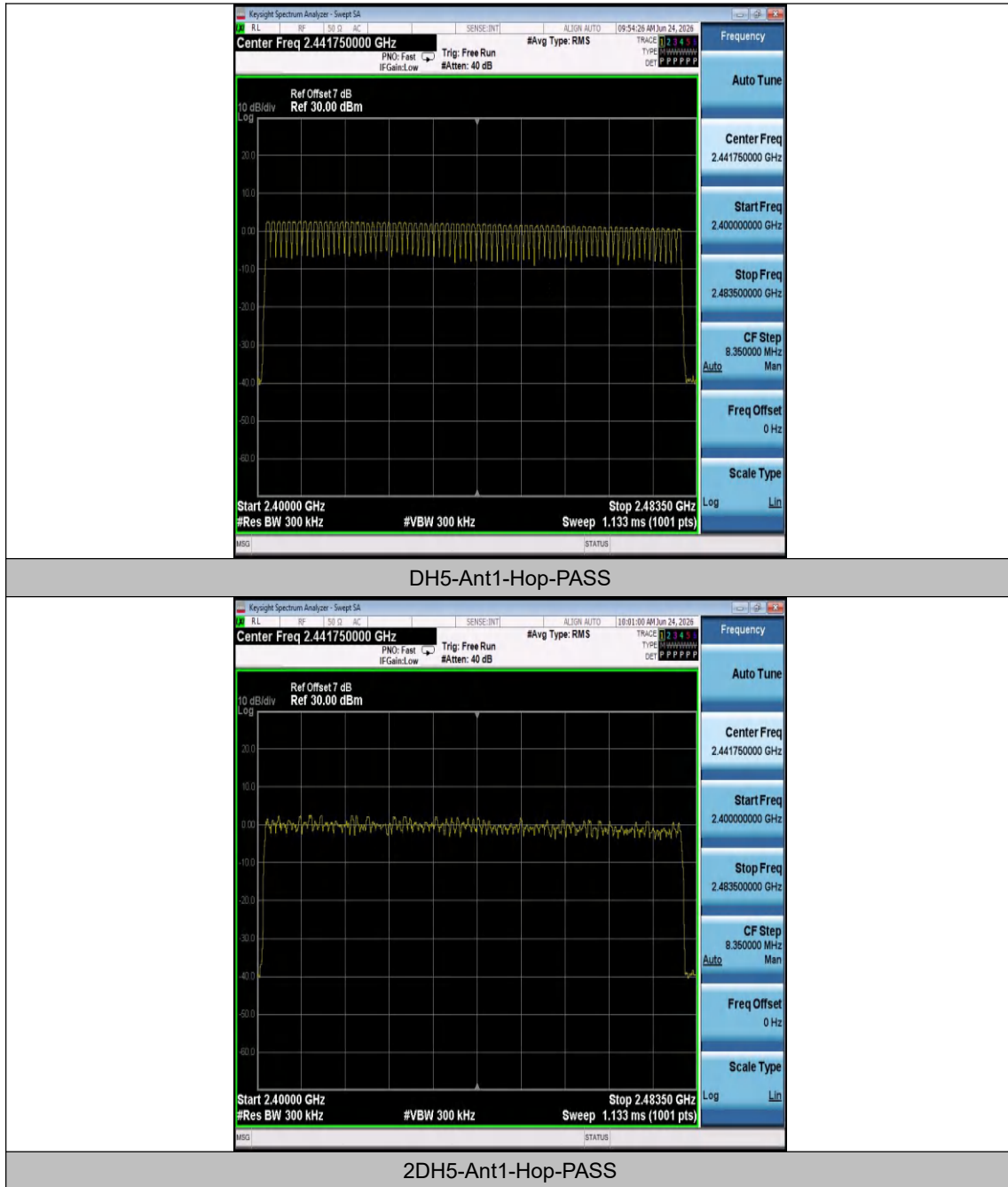
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Appendix F: Number of Hopping Channel

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

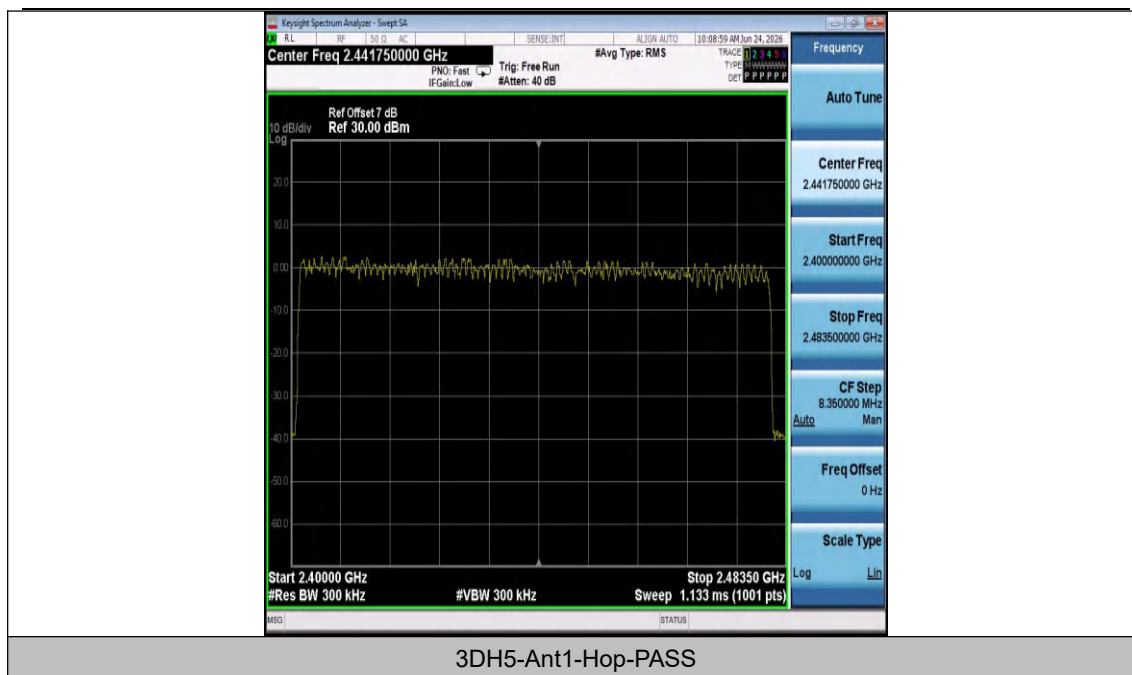
Test Graphs



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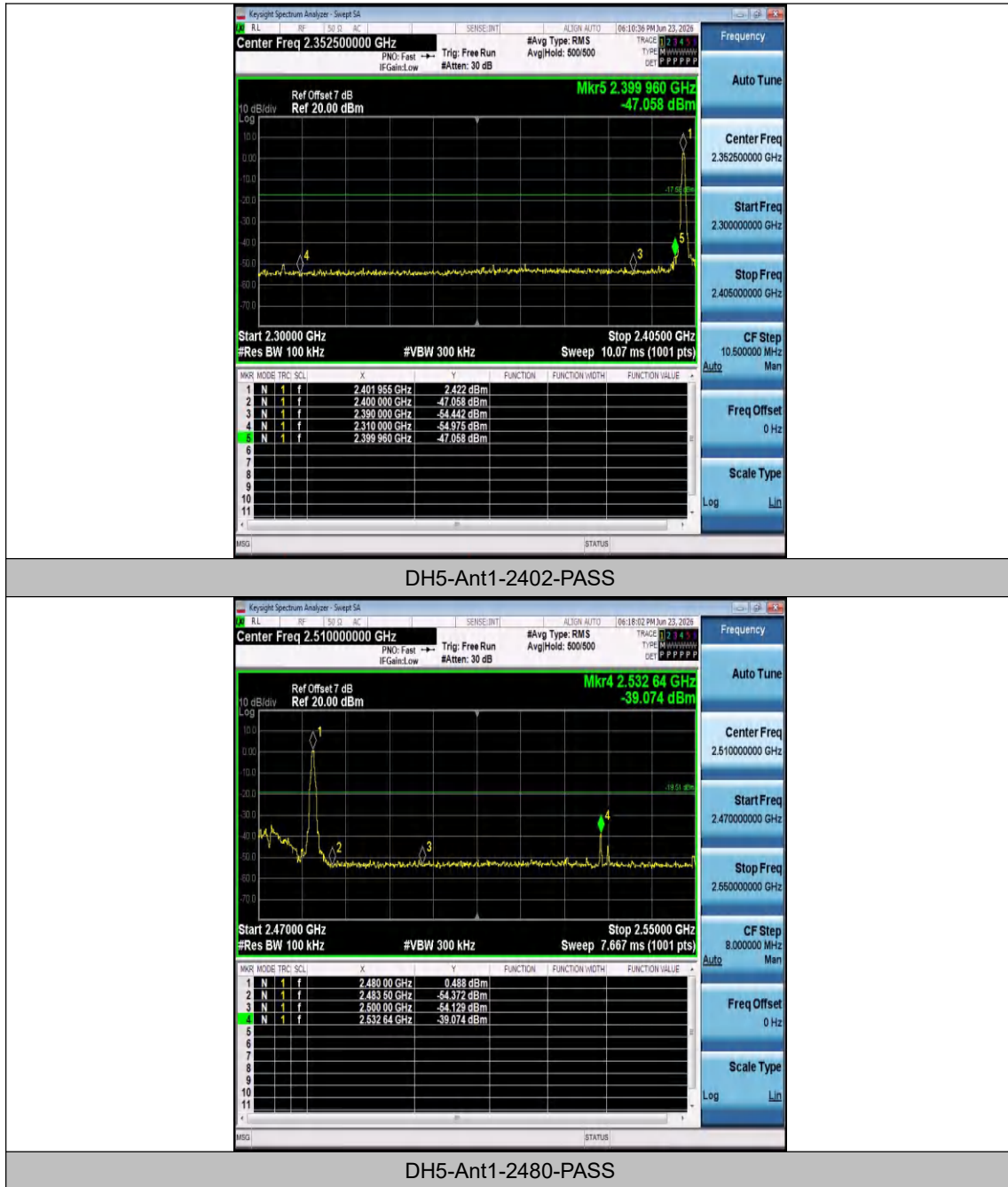
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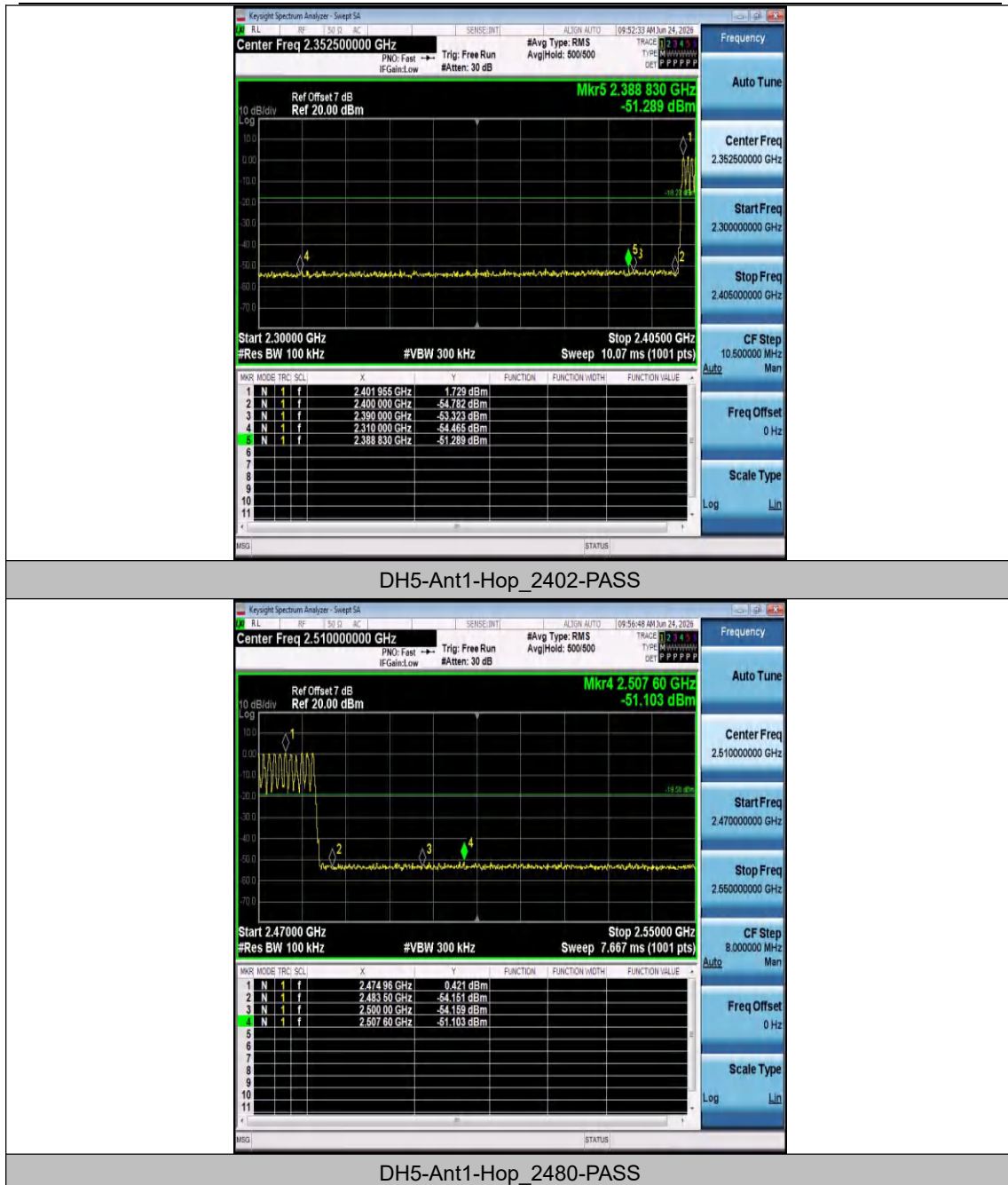
Appendix G: Conducted Band edge

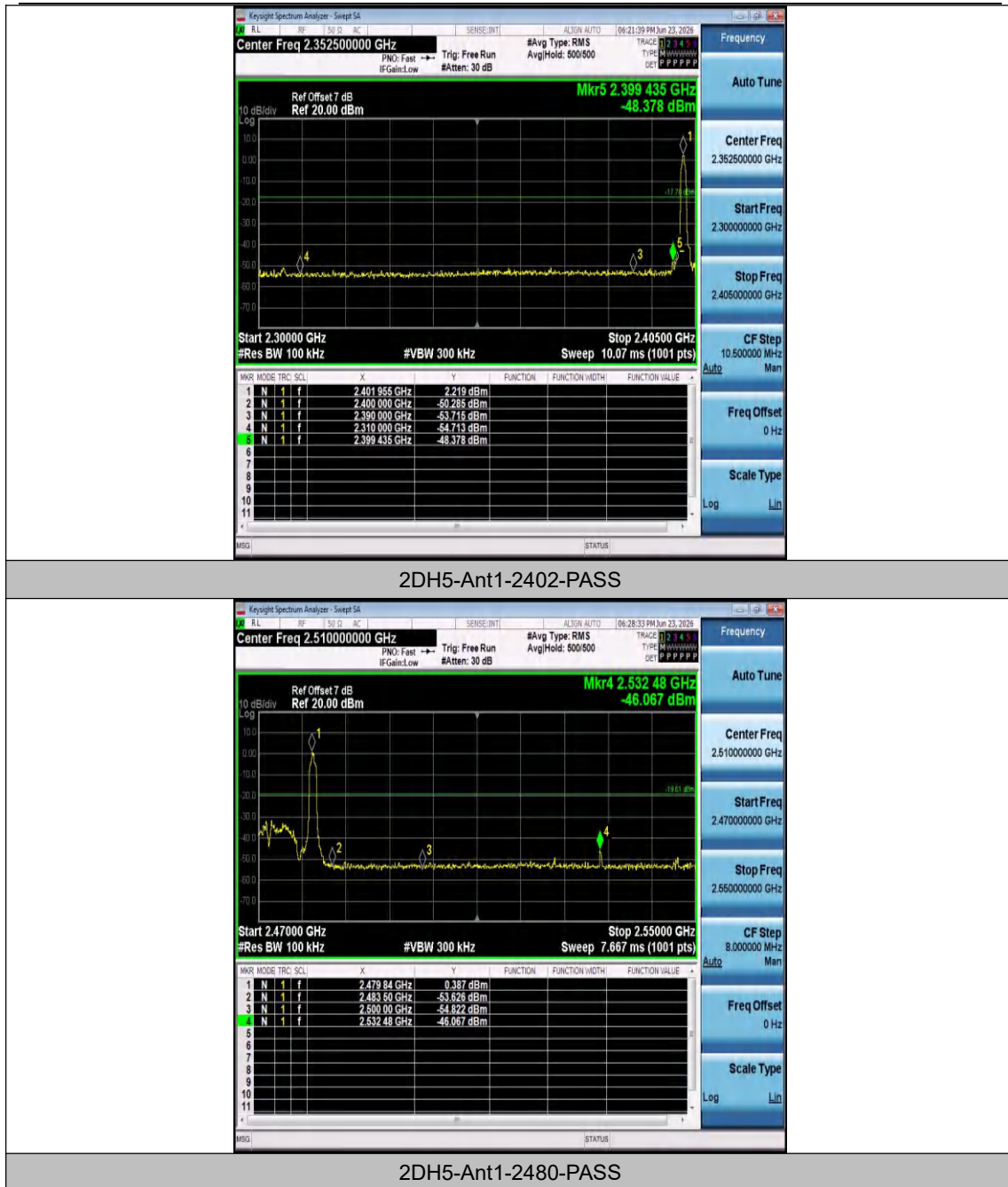
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.42	-47.06	≤-17.58	PASS
DH5	Ant1	High	2480	0.49	-39.07	≤-19.51	PASS
DH5	Ant1	Low	Hop_2402	1.73	-51.29	≤-18.27	PASS
DH5	Ant1	High	Hop_2480	0.42	-51.1	≤-19.58	PASS
2DH5	Ant1	Low	2402	2.22	-48.38	≤-17.78	PASS
2DH5	Ant1	High	2480	0.39	-46.07	≤-19.61	PASS
2DH5	Ant1	Low	Hop_2402	-1.13	-51.82	≤-21.13	PASS
2DH5	Ant1	High	Hop_2480	-1.59	-50.65	≤-21.59	PASS
3DH5	Ant1	Low	2402	2.32	-46.87	≤-17.69	PASS
3DH5	Ant1	High	2480	0.45	-51.17	≤-19.55	PASS
3DH5	Ant1	Low	Hop_2402	-1.69	-51.48	≤-21.69	PASS
3DH5	Ant1	High	Hop_2480	-1.80	-50.67	≤-21.8	PASS

Test Graphs



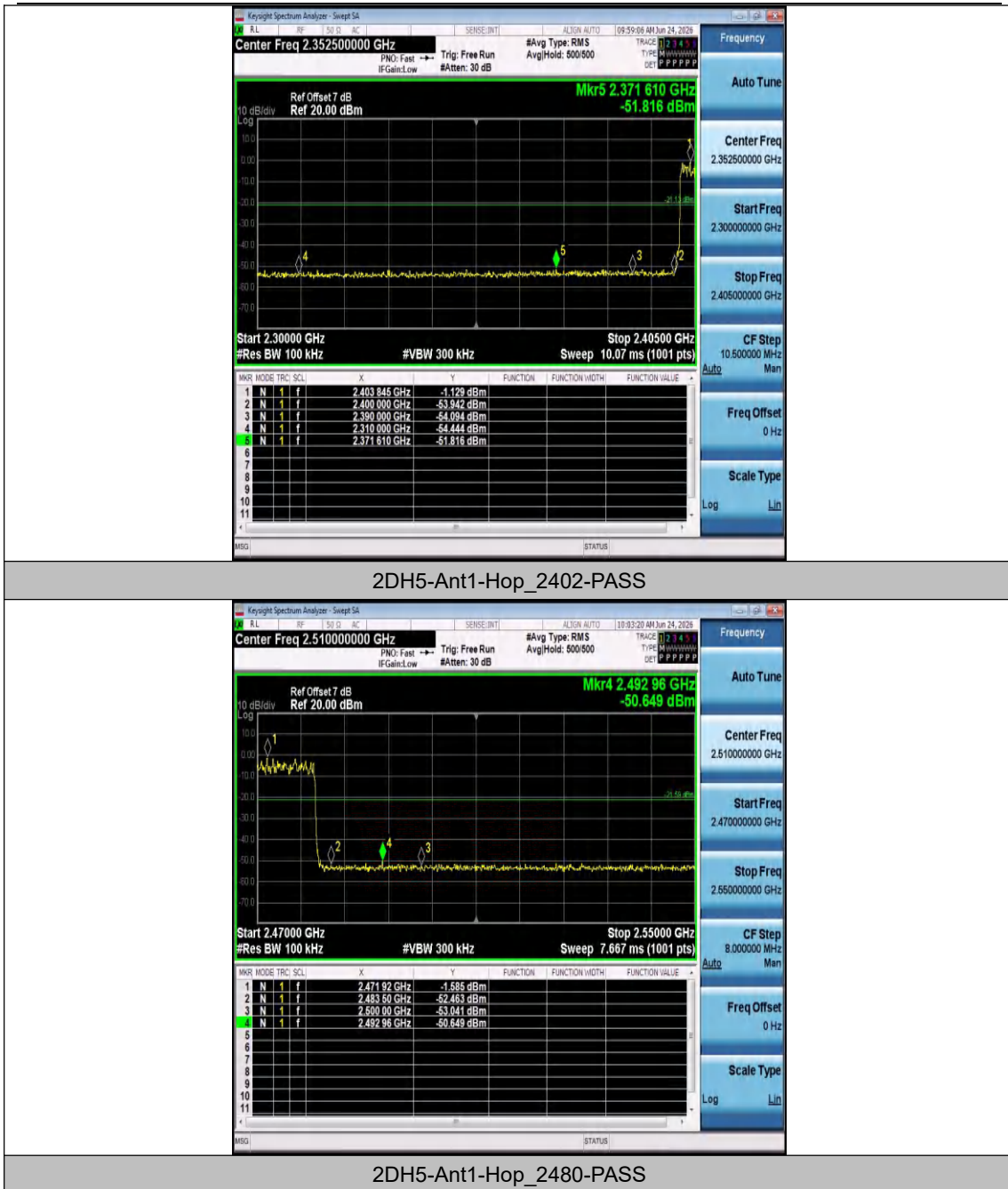




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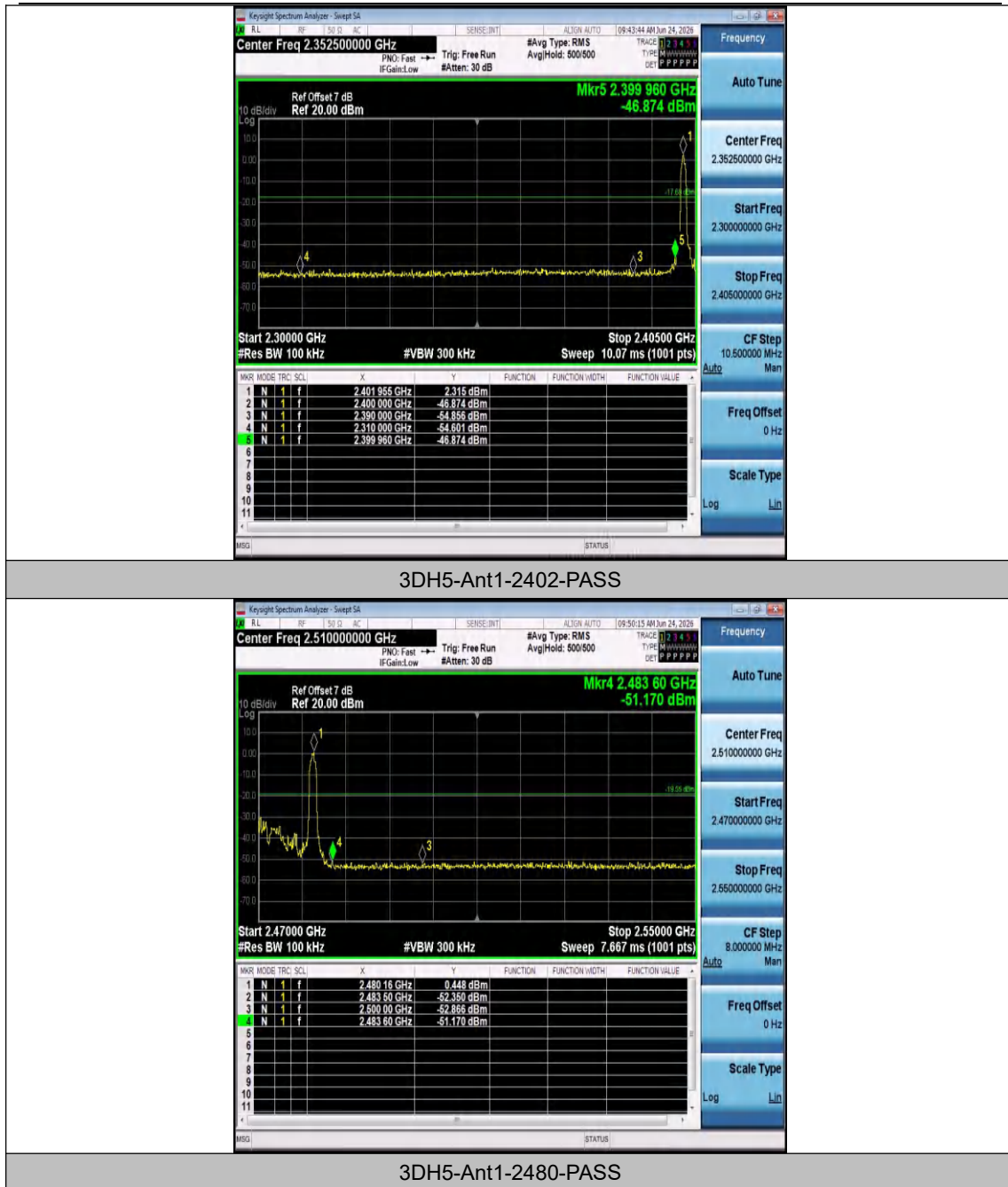
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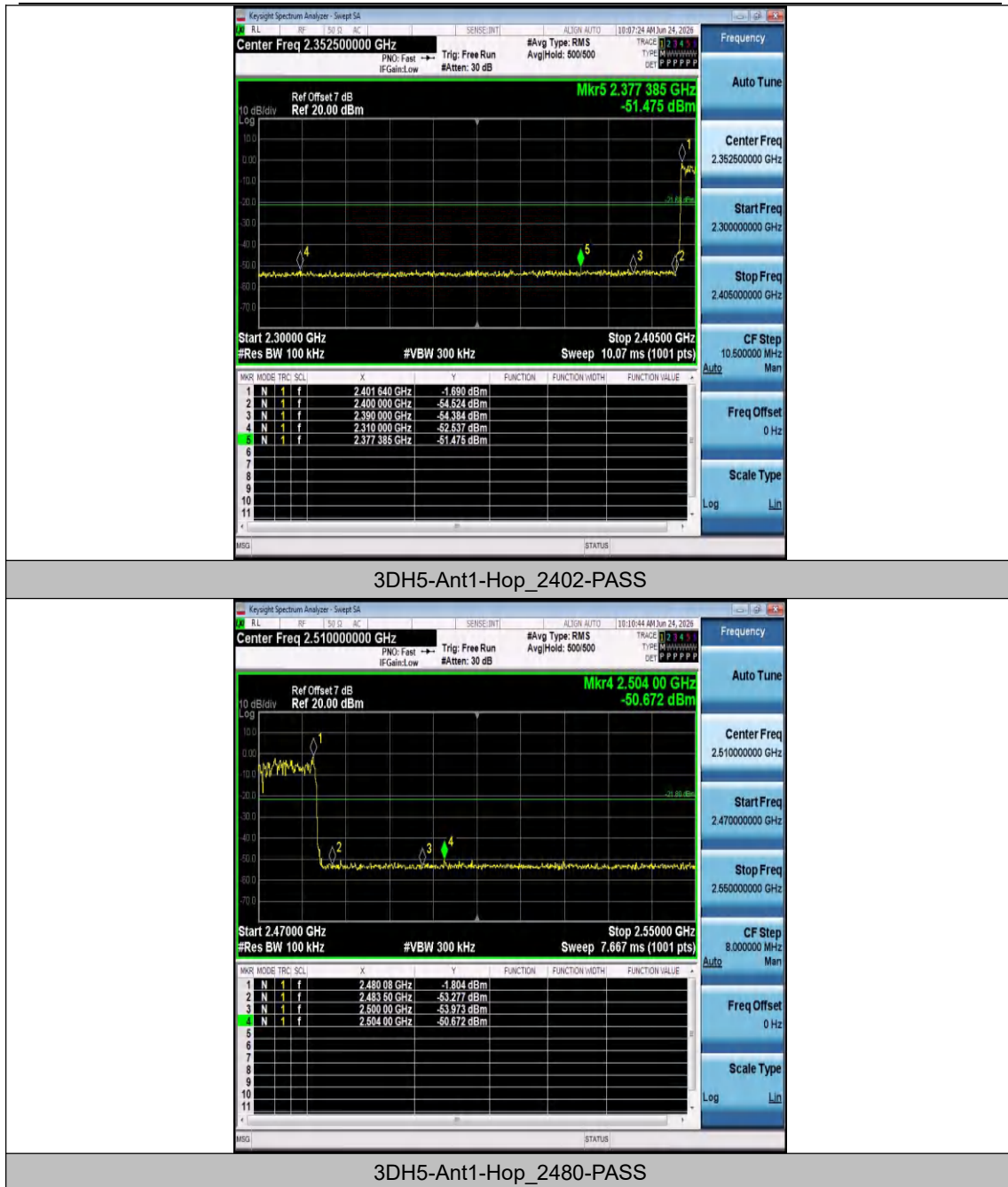
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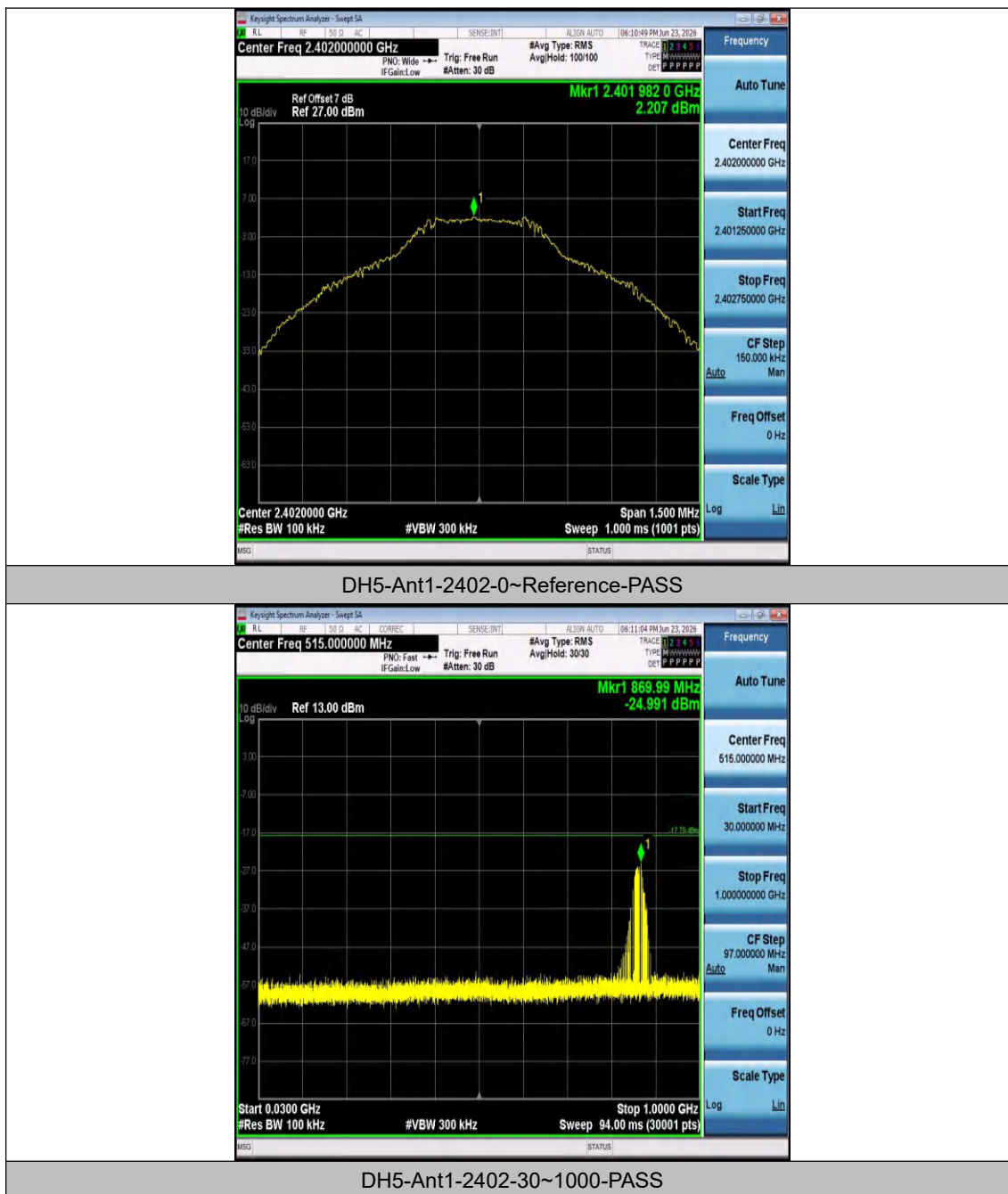
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	2.21	2.21	---	PASS
DH5	Ant1	2402	30~1000	2.21	-24.99	≤-17.79	PASS
DH5	Ant1	2402	1000~26500	2.21	-38.37	≤-17.79	PASS
DH5	Ant1	2441	0~Reference	1.42	1.42	---	PASS
DH5	Ant1	2441	30~1000	1.42	-24.61	≤-18.58	PASS
DH5	Ant1	2441	1000~26500	1.42	-37.43	≤-18.58	PASS
DH5	Ant1	2480	0~Reference	-0.21	-0.21	---	PASS
DH5	Ant1	2480	30~1000	-0.21	-25.61	≤-20.21	PASS
DH5	Ant1	2480	1000~26500	-0.21	-37.2	≤-20.21	PASS
2DH5	Ant1	2402	0~Reference	1.88	1.88	---	PASS
2DH5	Ant1	2402	30~1000	1.88	-24.73	≤-18.12	PASS
2DH5	Ant1	2402	1000~26500	1.88	-38.01	≤-18.12	PASS
2DH5	Ant1	2441	0~Reference	1.16	1.16	---	PASS
2DH5	Ant1	2441	30~1000	1.16	-24.37	≤-18.84	PASS
2DH5	Ant1	2441	1000~26500	1.16	-37.94	≤-18.84	PASS
2DH5	Ant1	2480	0~Reference	0.32	0.32	---	PASS
2DH5	Ant1	2480	30~1000	0.32	-24.53	≤-19.68	PASS
2DH5	Ant1	2480	1000~26500	0.32	-38.56	≤-19.68	PASS
3DH5	Ant1	2402	0~Reference	2.34	2.34	---	PASS
3DH5	Ant1	2402	30~1000	2.34	-24.44	≤-17.66	PASS
3DH5	Ant1	2402	1000~26500	2.34	-38.09	≤-17.66	PASS
3DH5	Ant1	2441	0~Reference	1.68	1.68	---	PASS
3DH5	Ant1	2441	30~1000	1.68	-24.46	≤-18.32	PASS
3DH5	Ant1	2441	1000~26500	1.68	-37.49	≤-18.32	PASS
3DH5	Ant1	2480	0~Reference	0.43	0.43	---	PASS
3DH5	Ant1	2480	30~1000	0.43	-24.34	≤-19.57	PASS
3DH5	Ant1	2480	1000~26500	0.43	-39.29	≤-19.57	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.

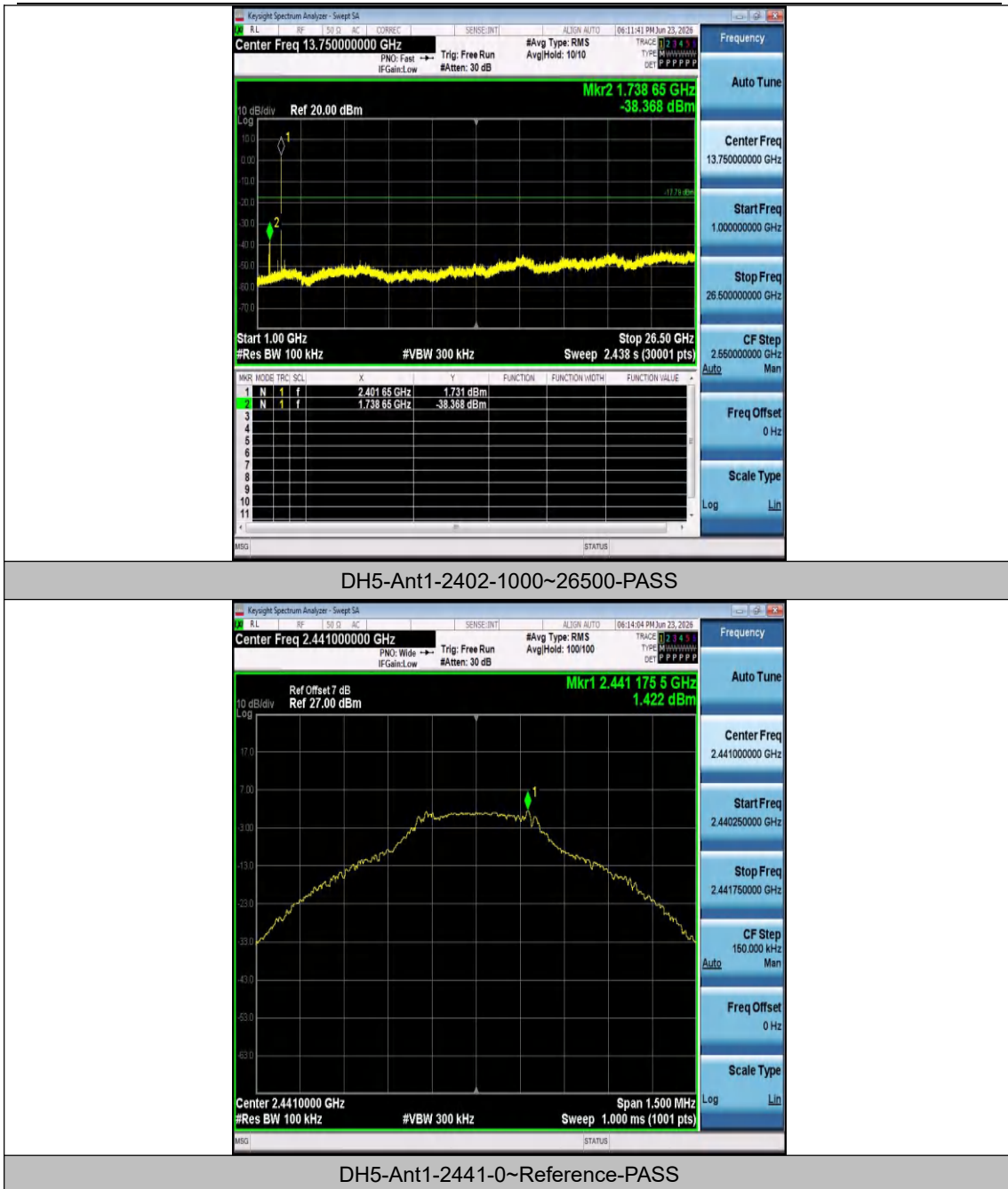
Test Graphs



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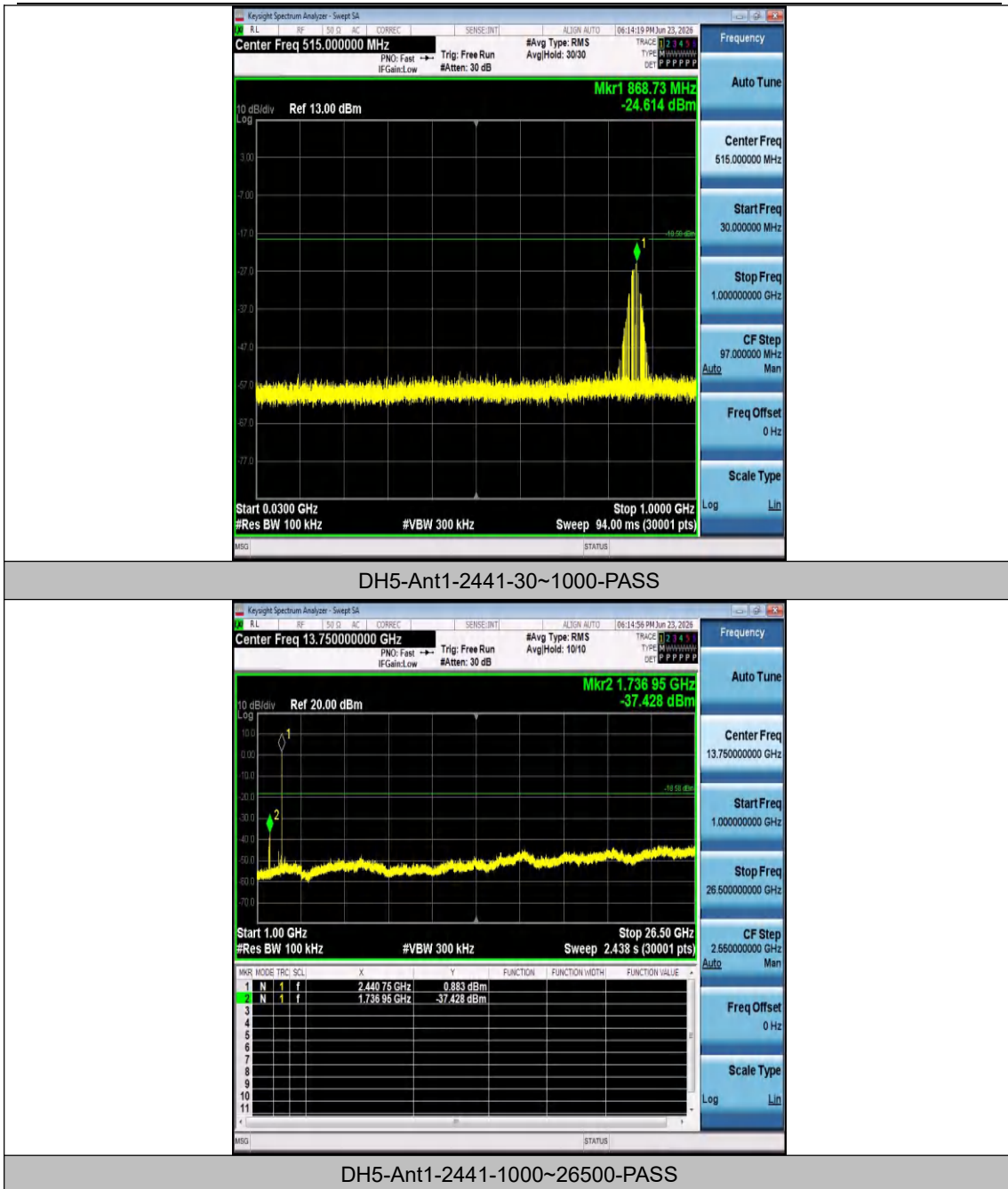
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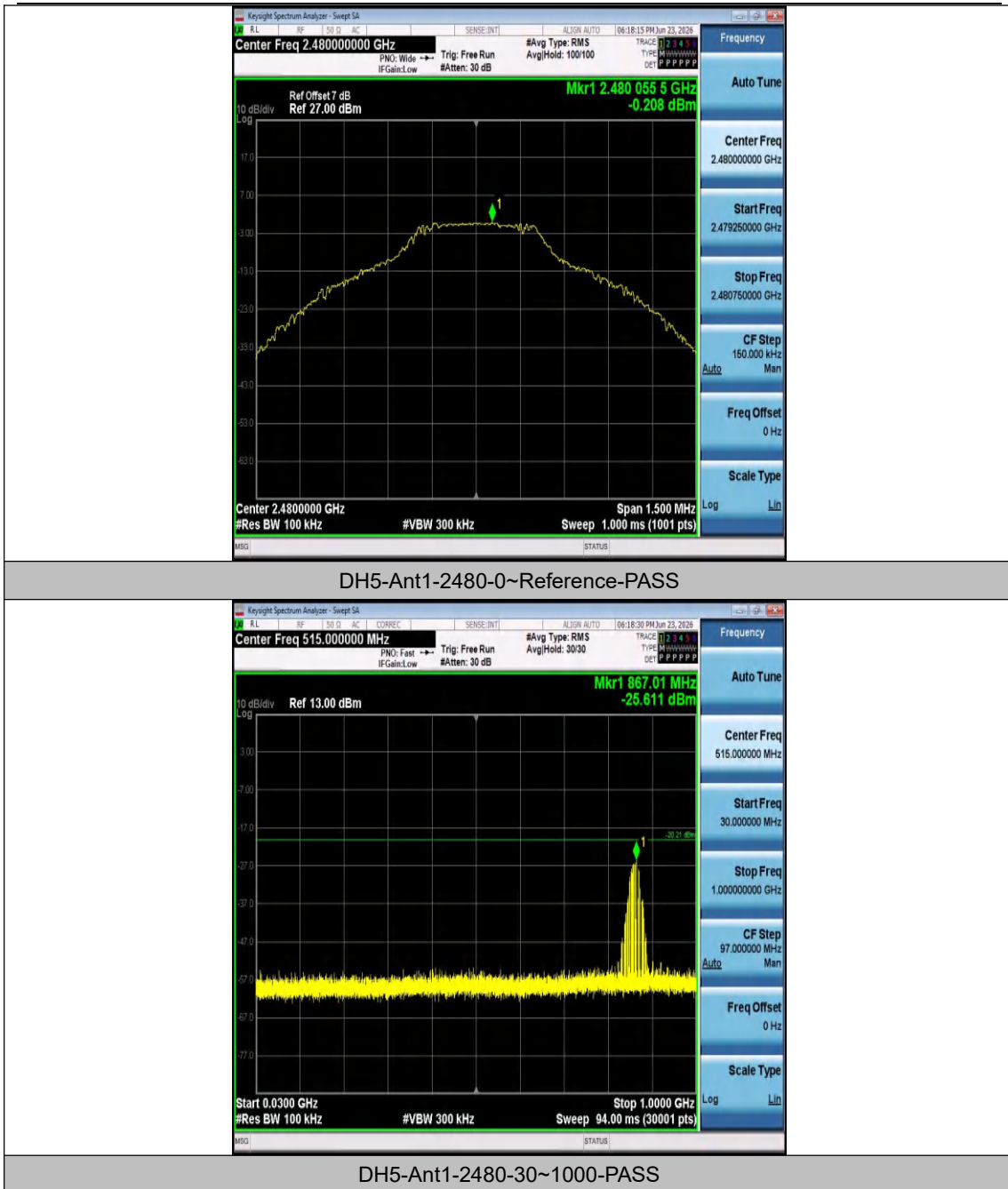
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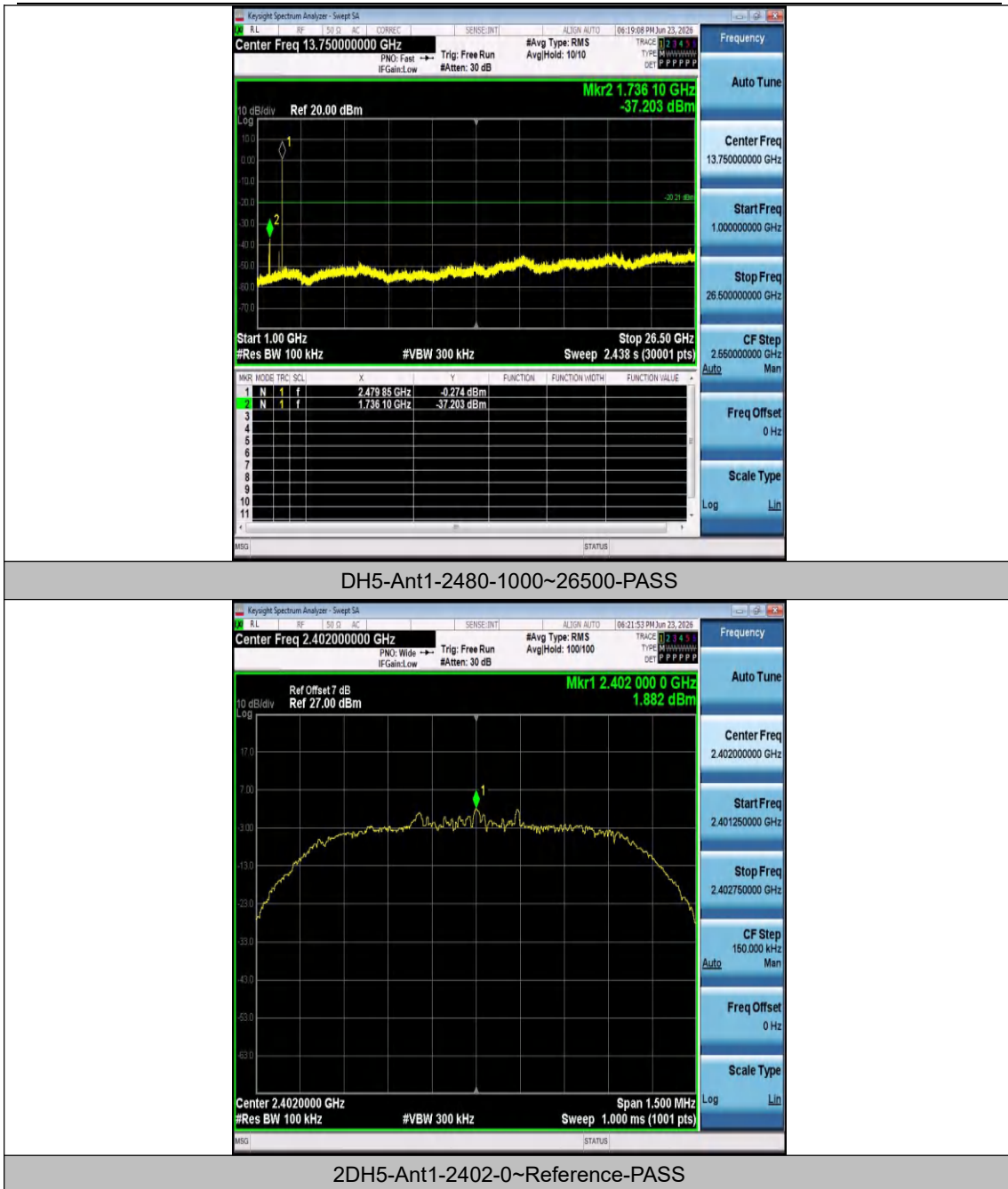
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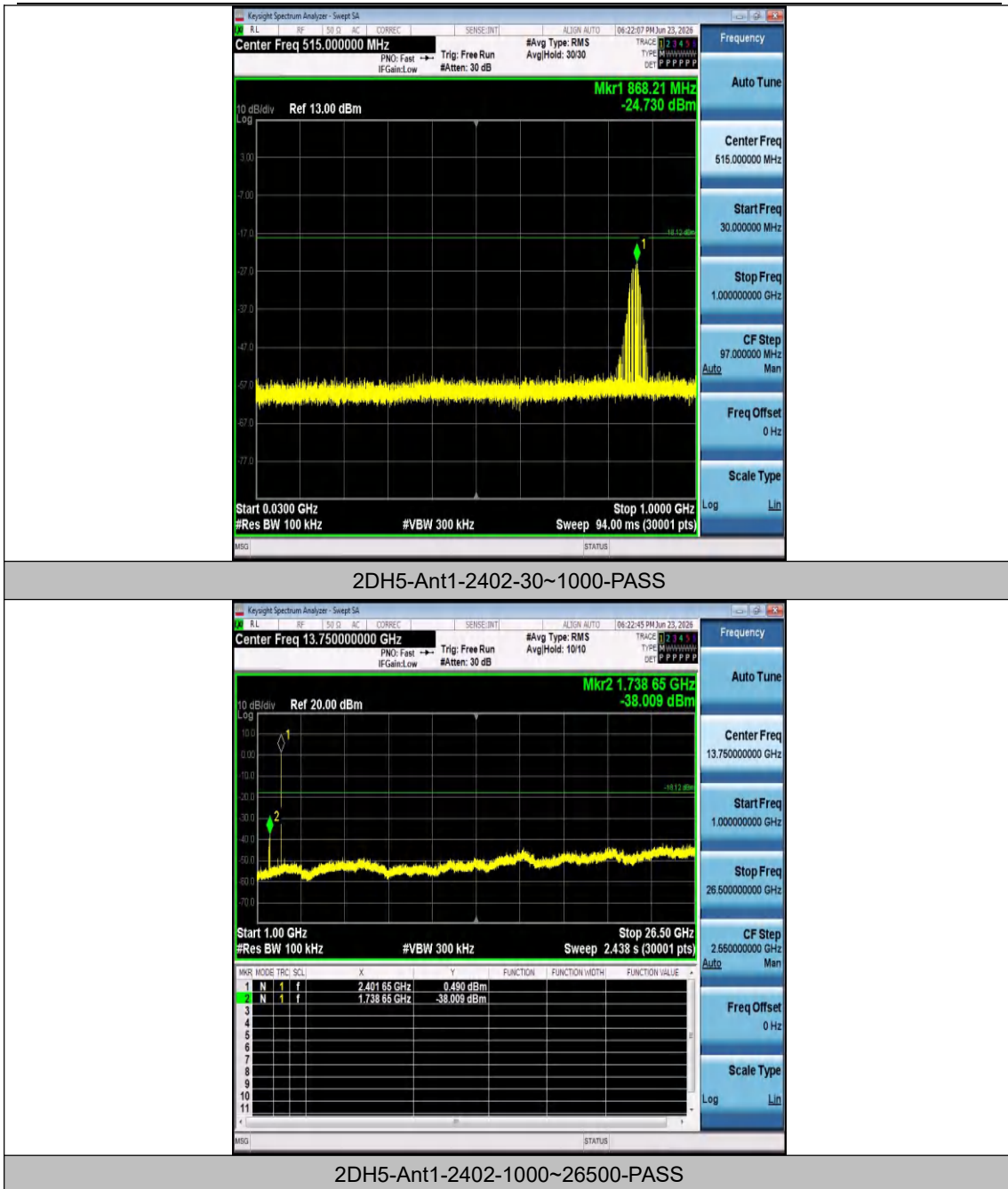
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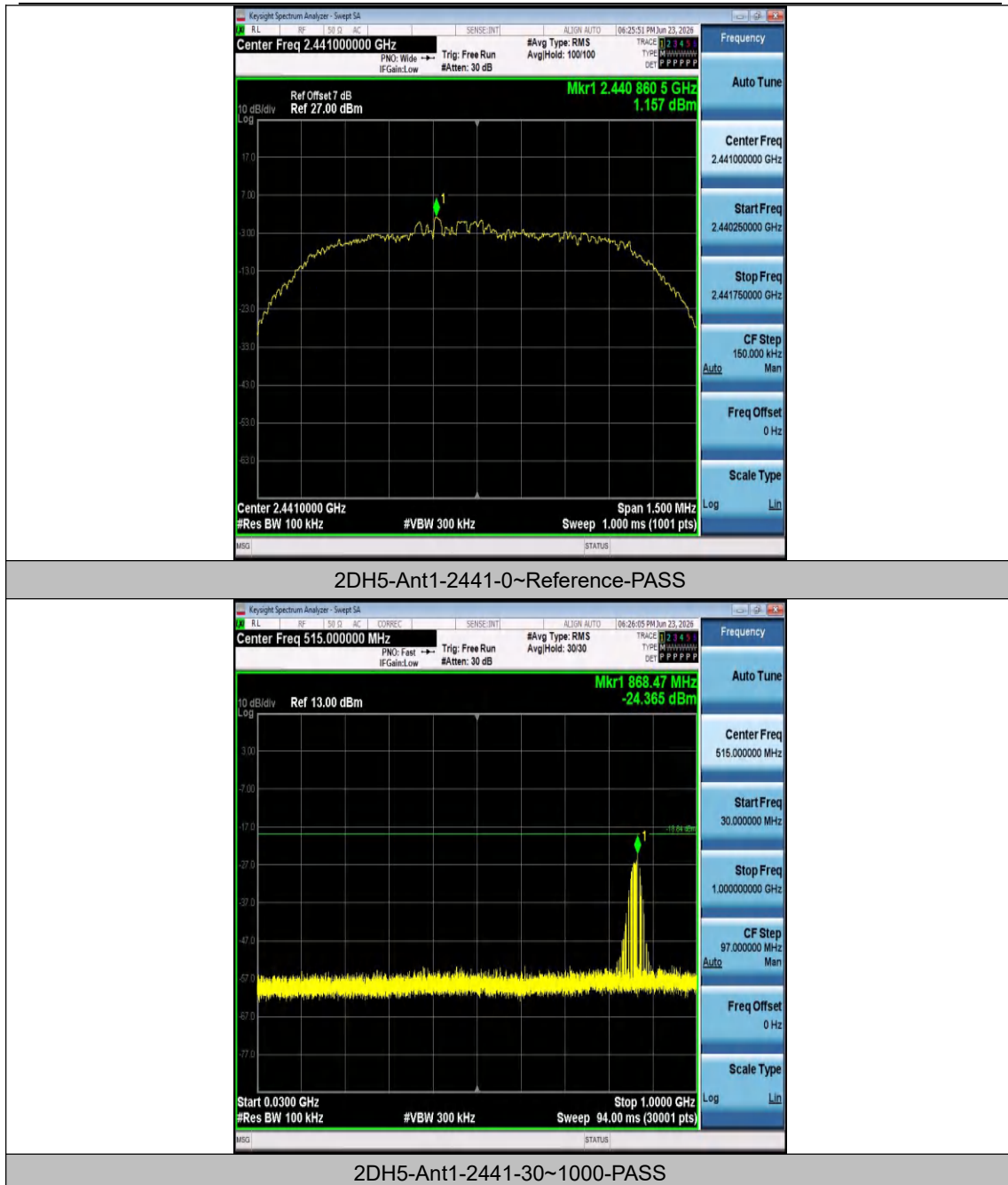
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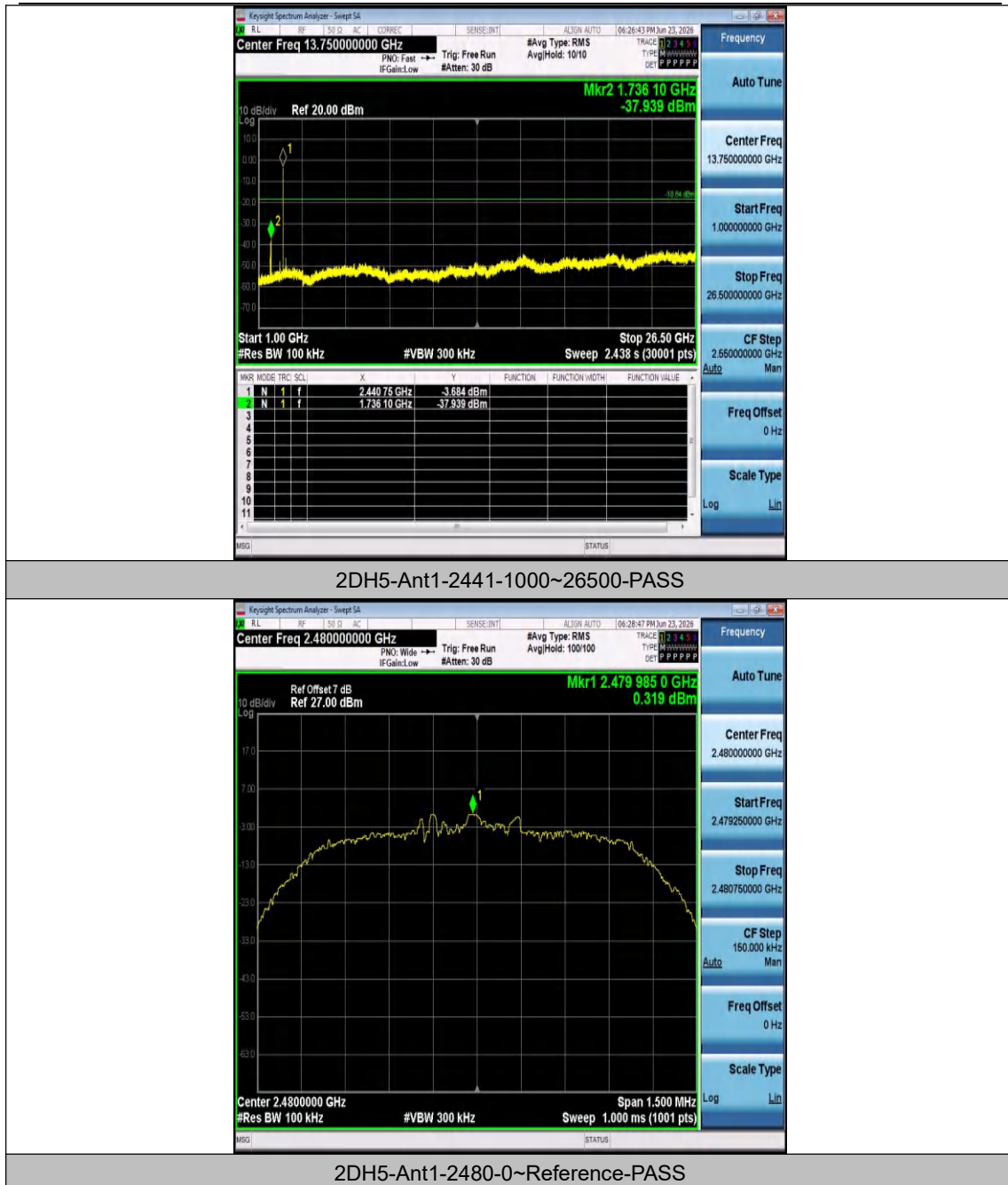
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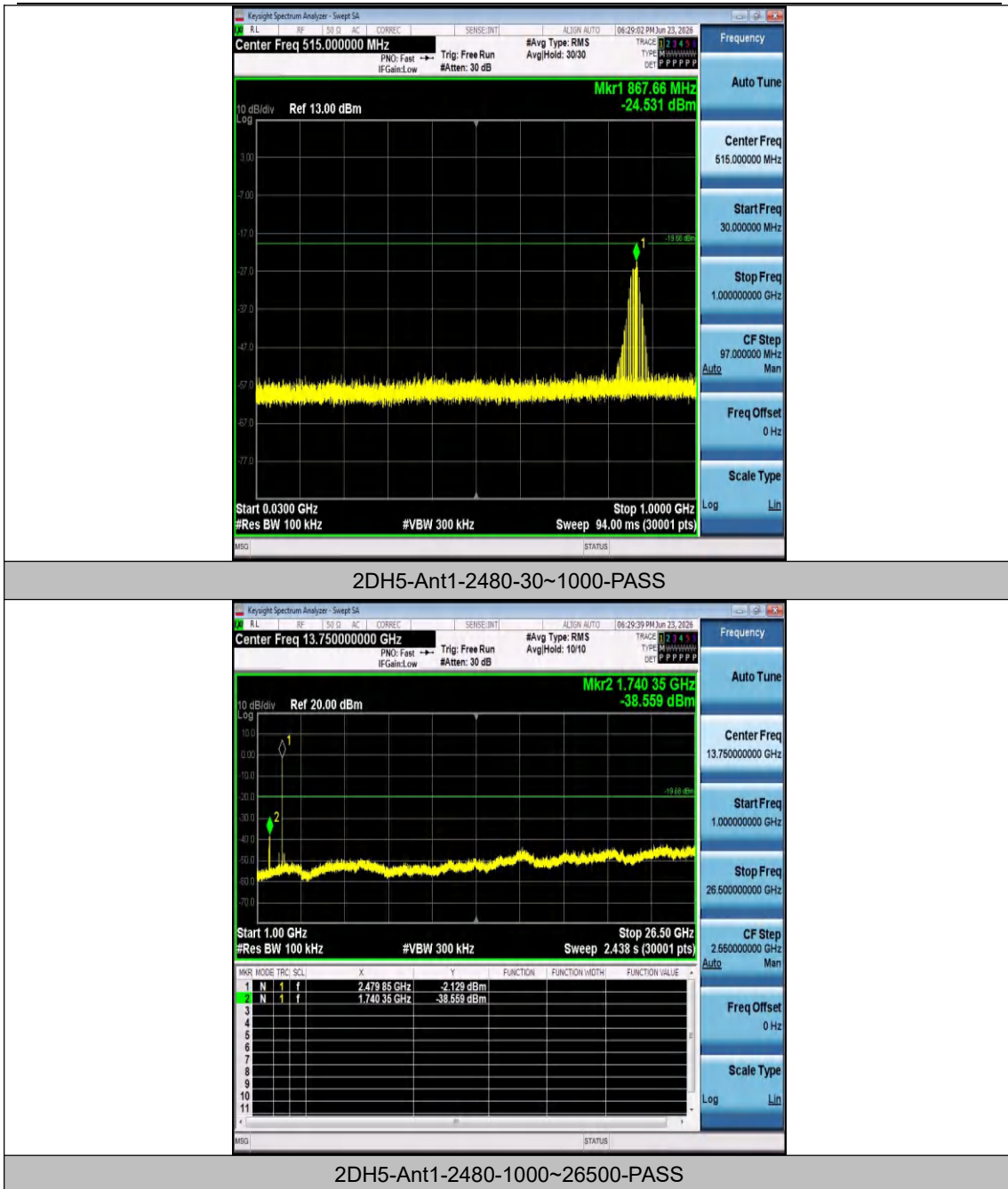
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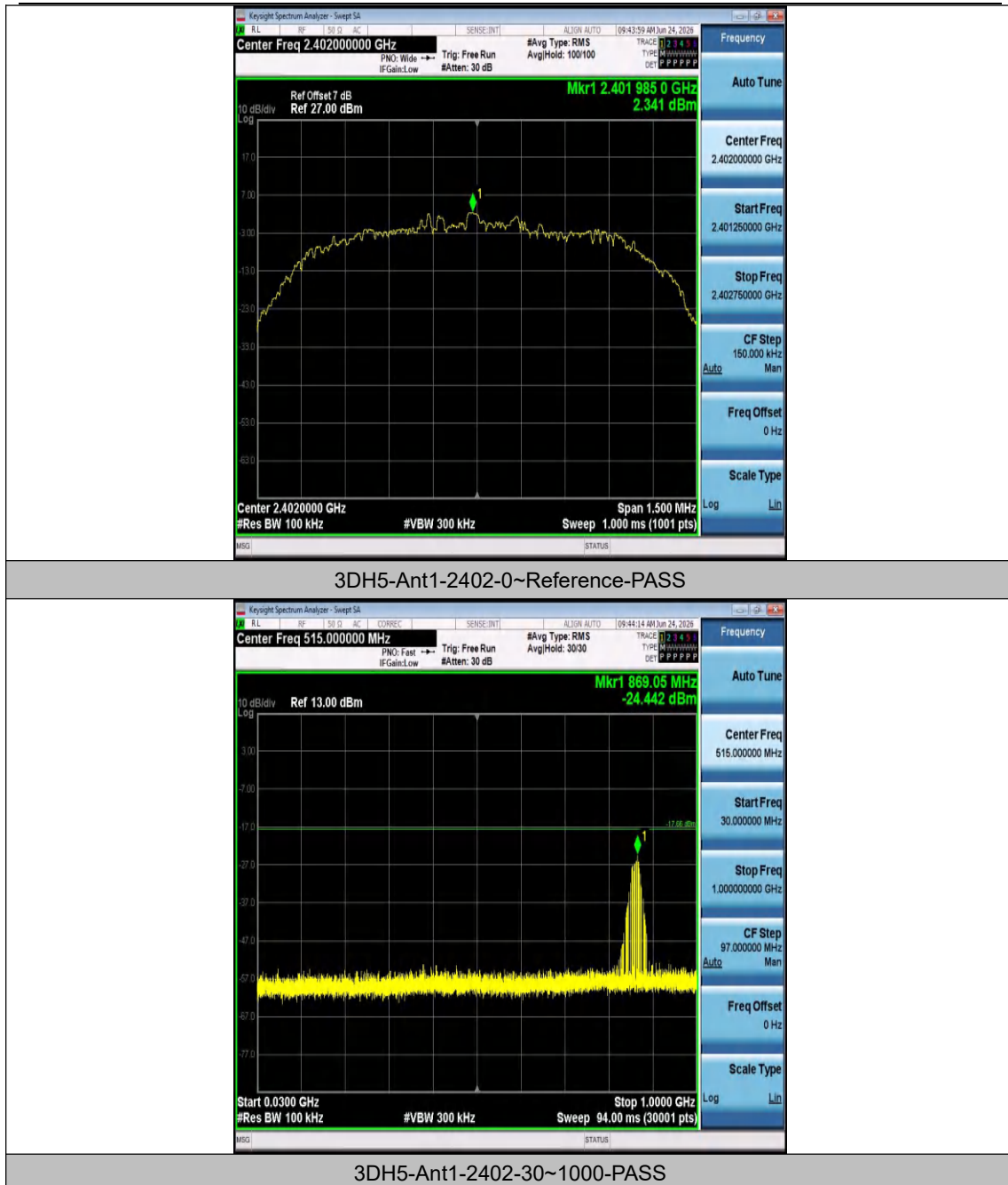
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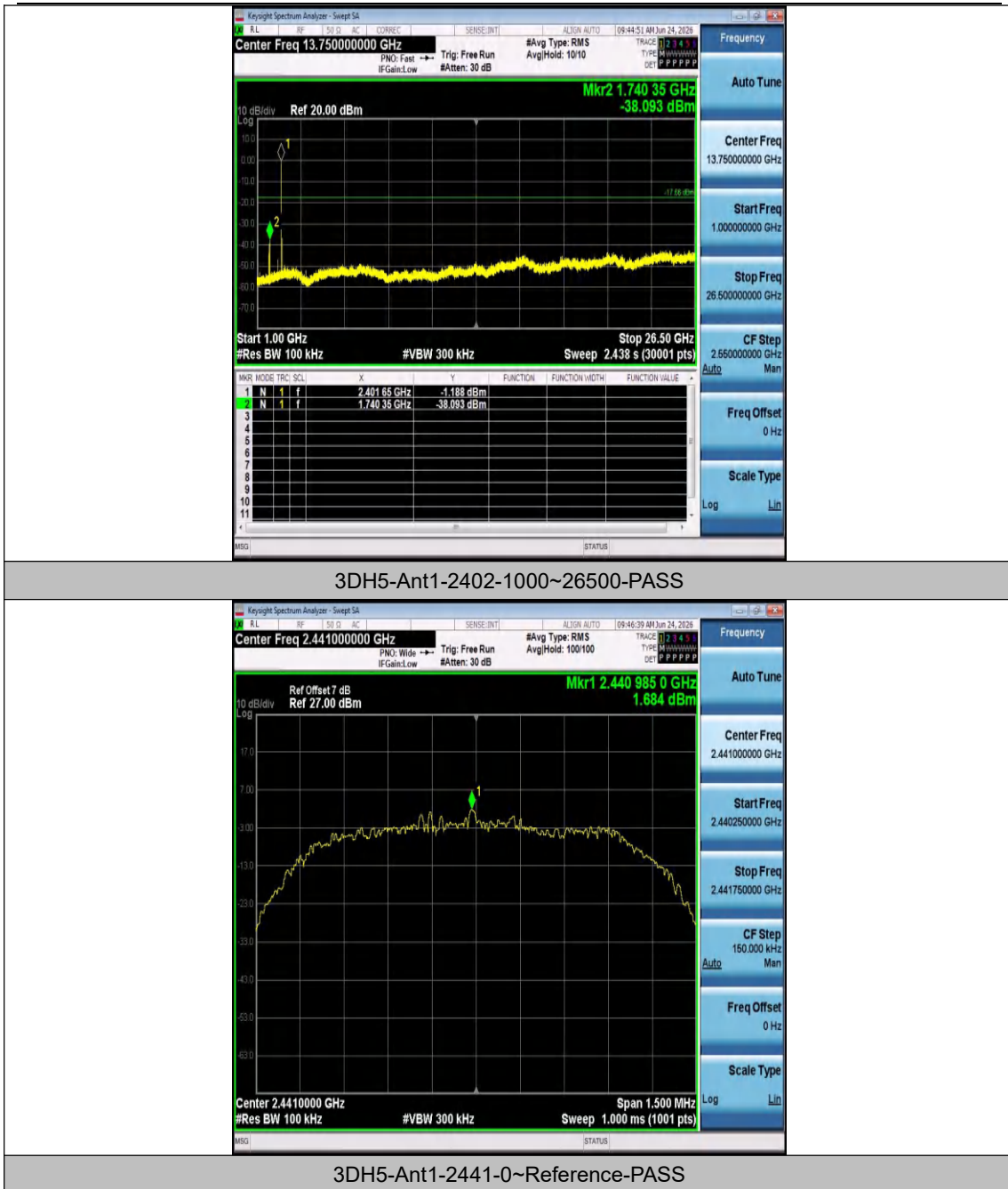
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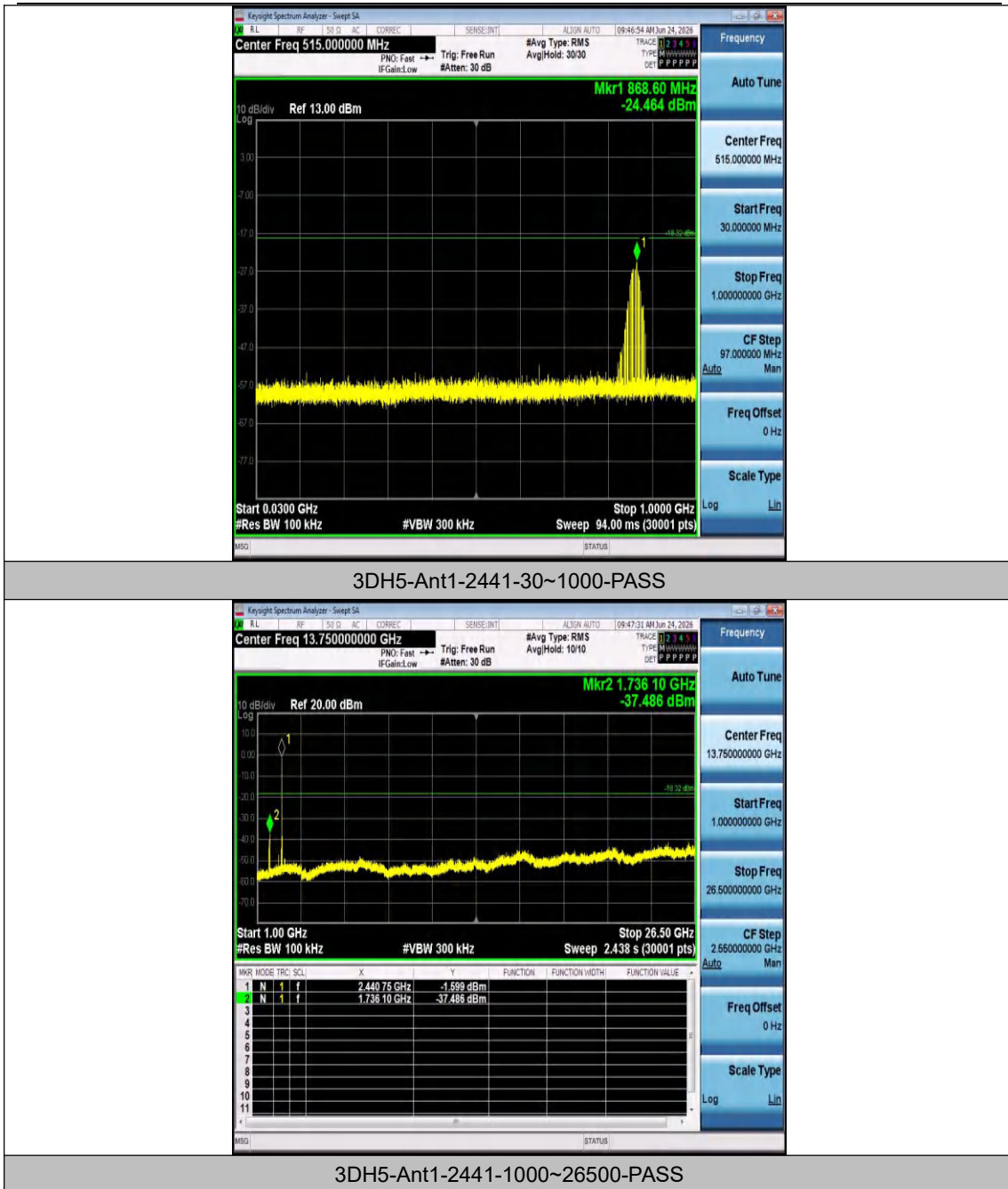
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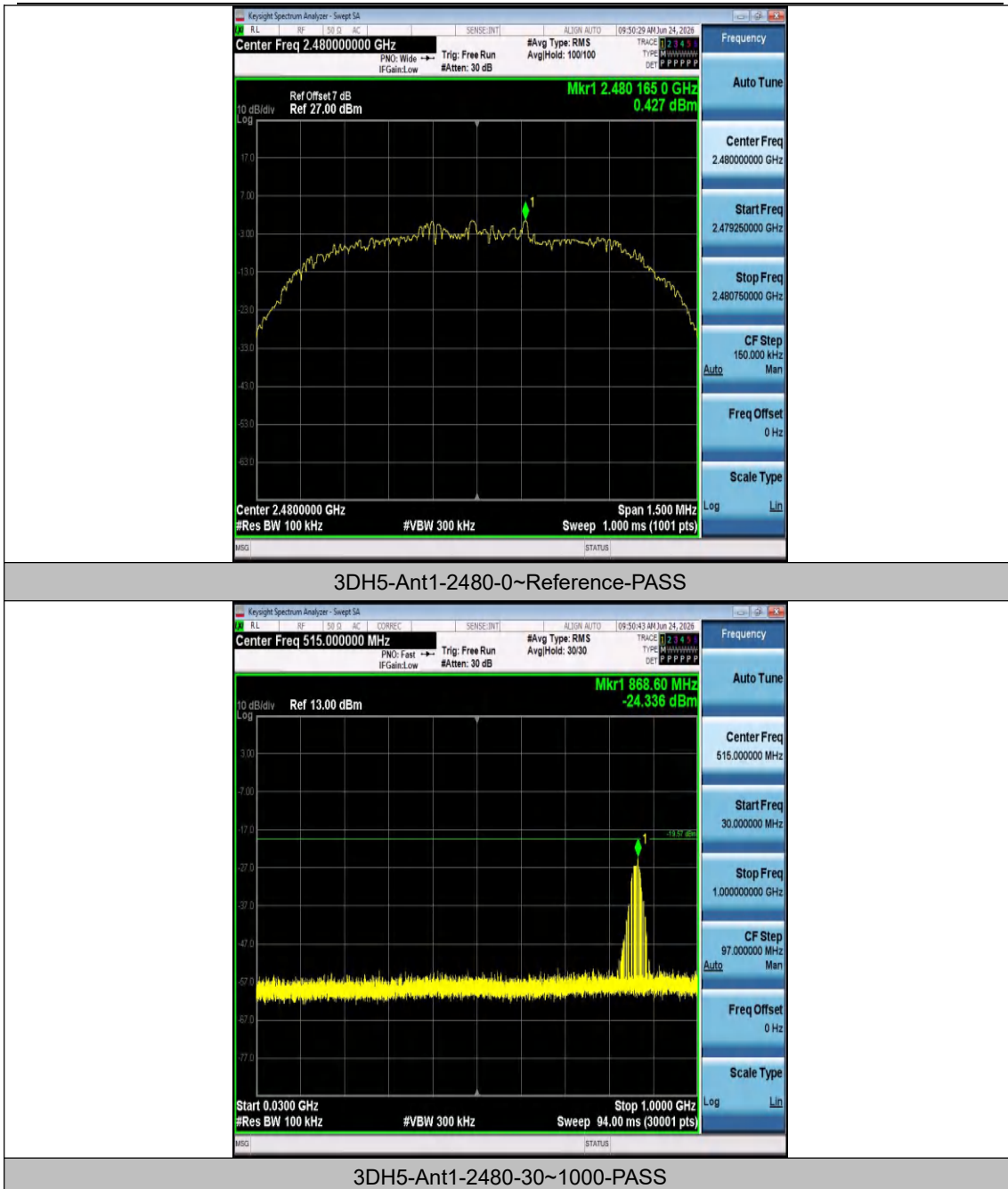
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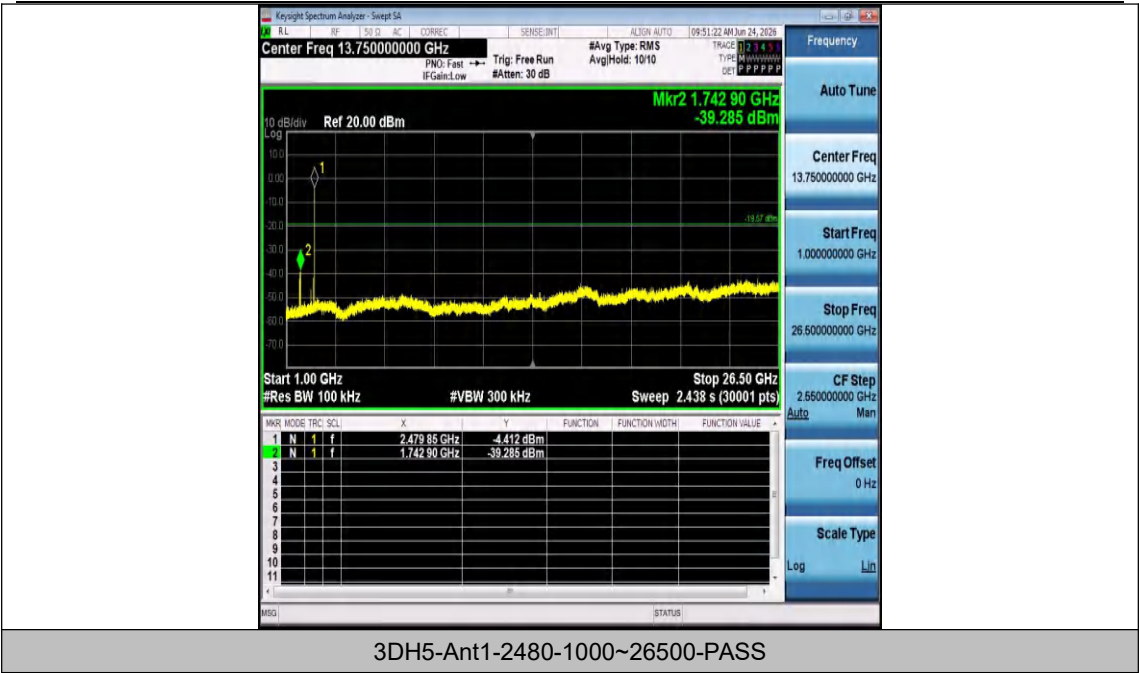
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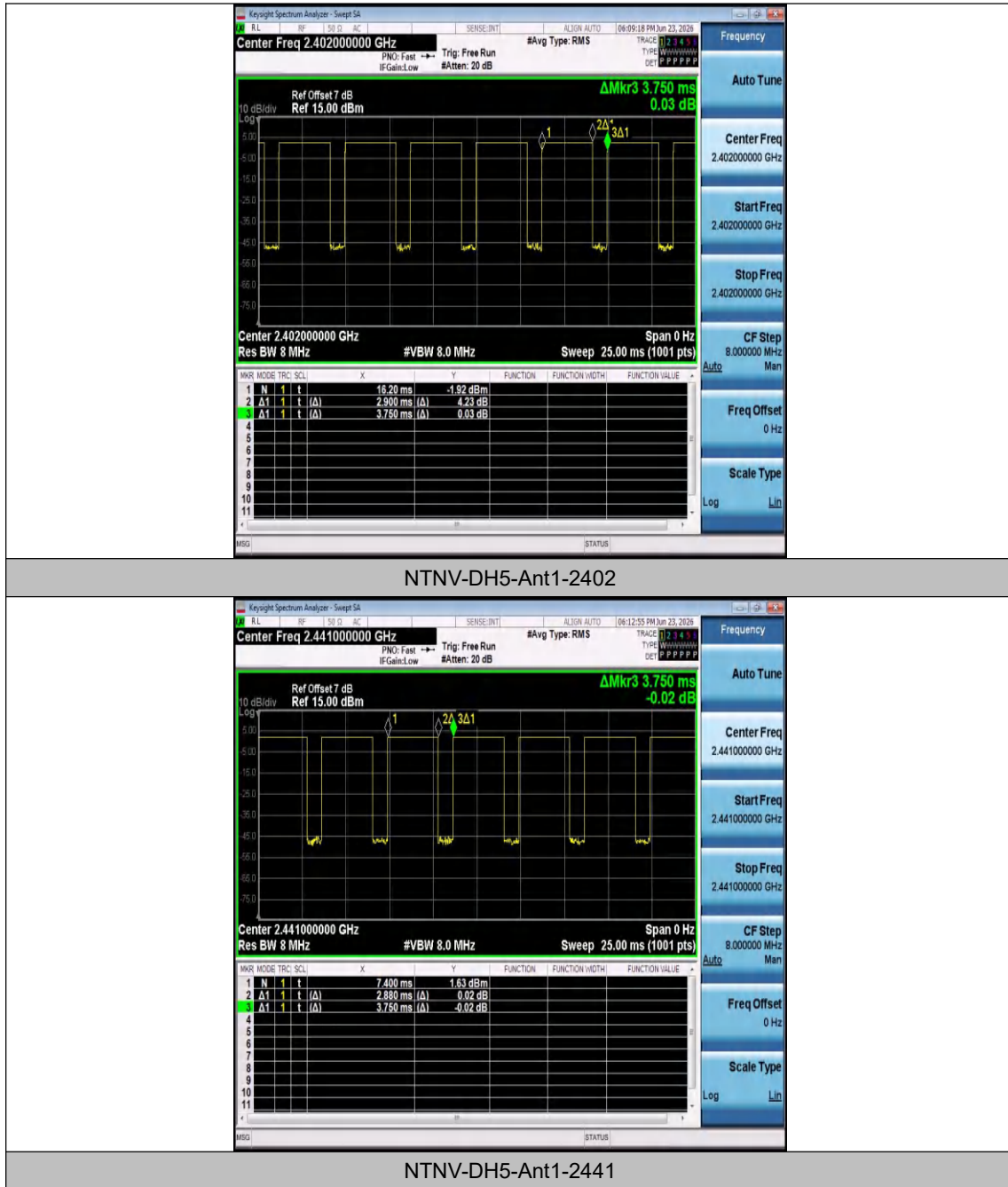
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

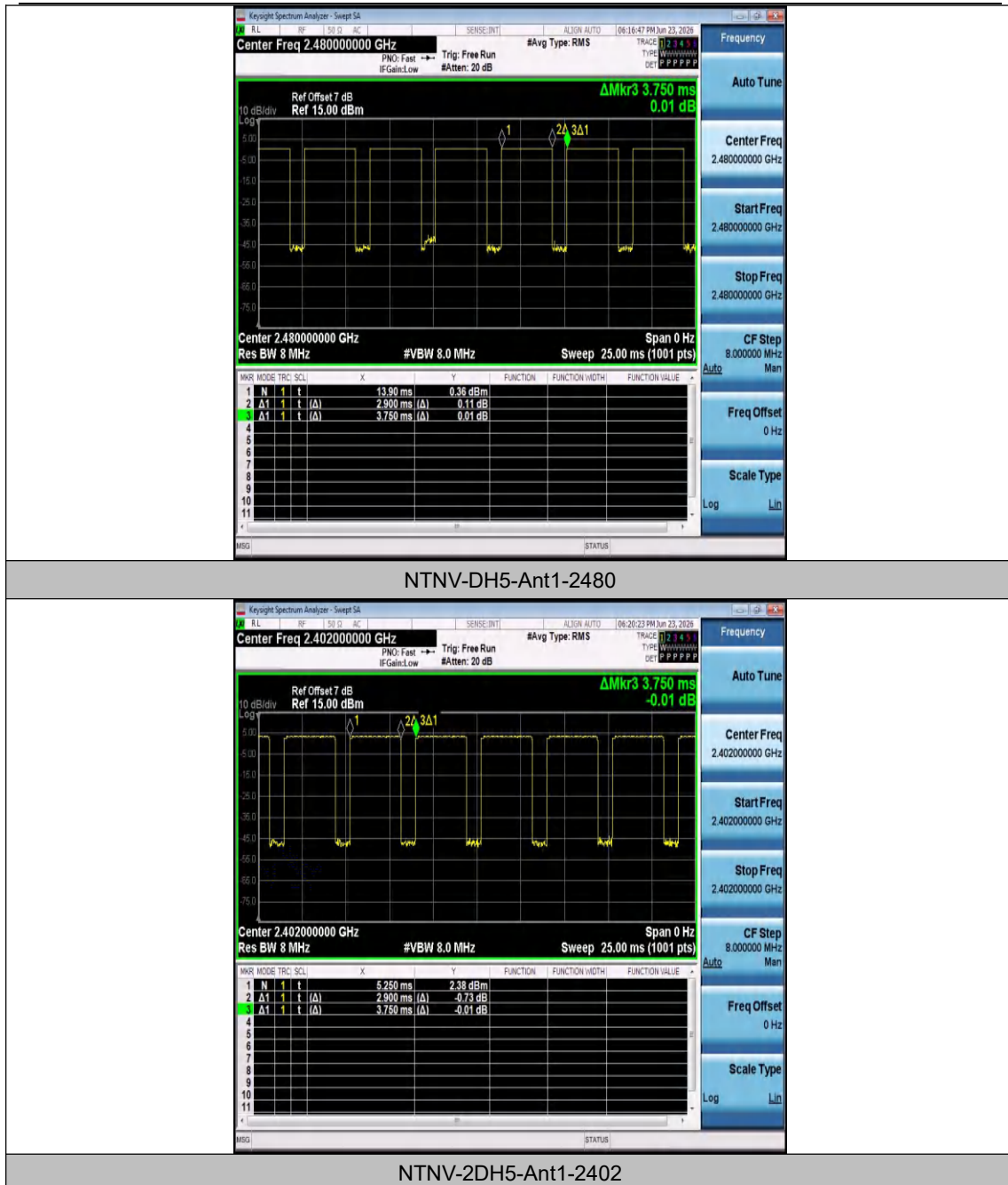
Appendix I: Duty Cycle

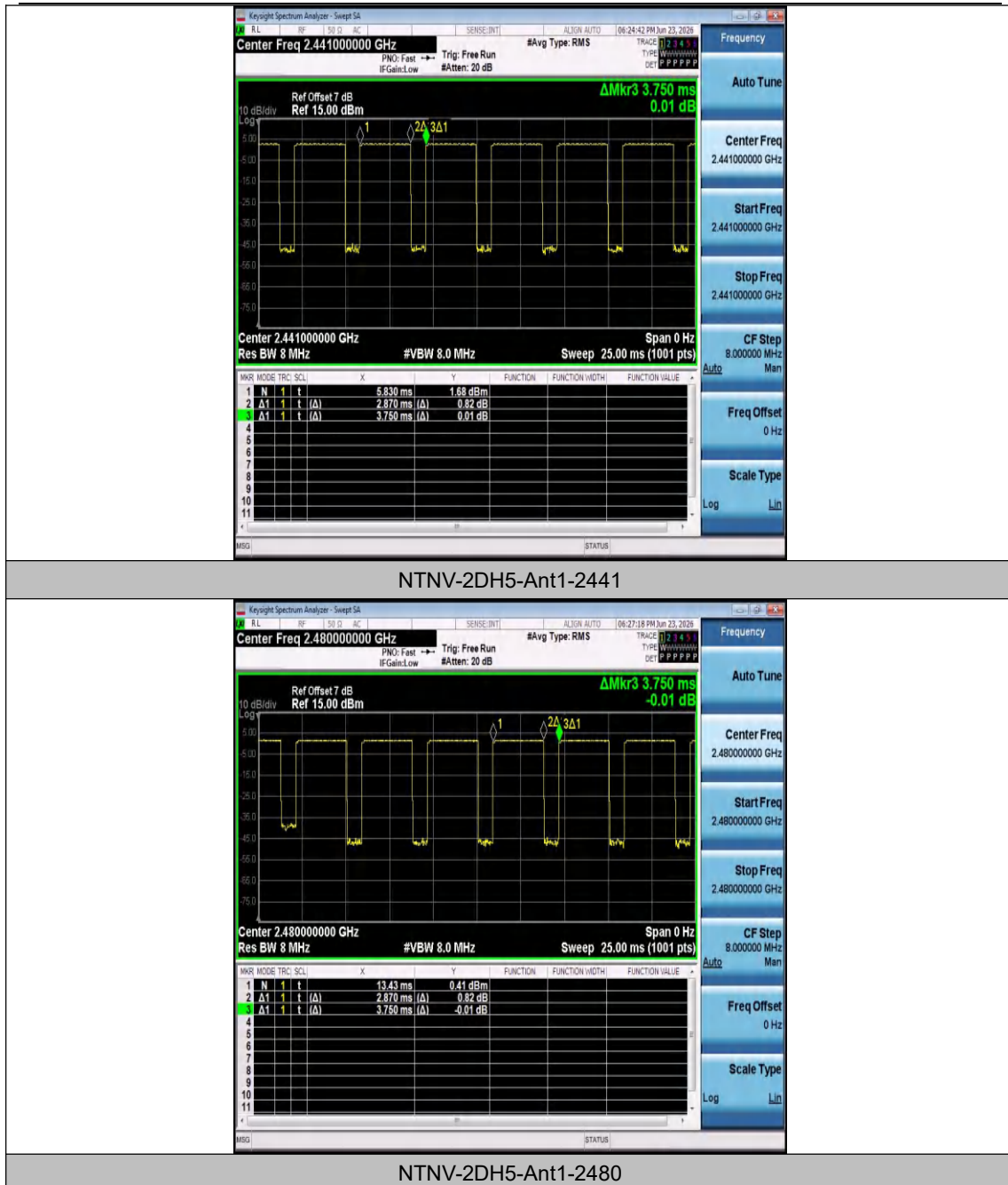
Test Result

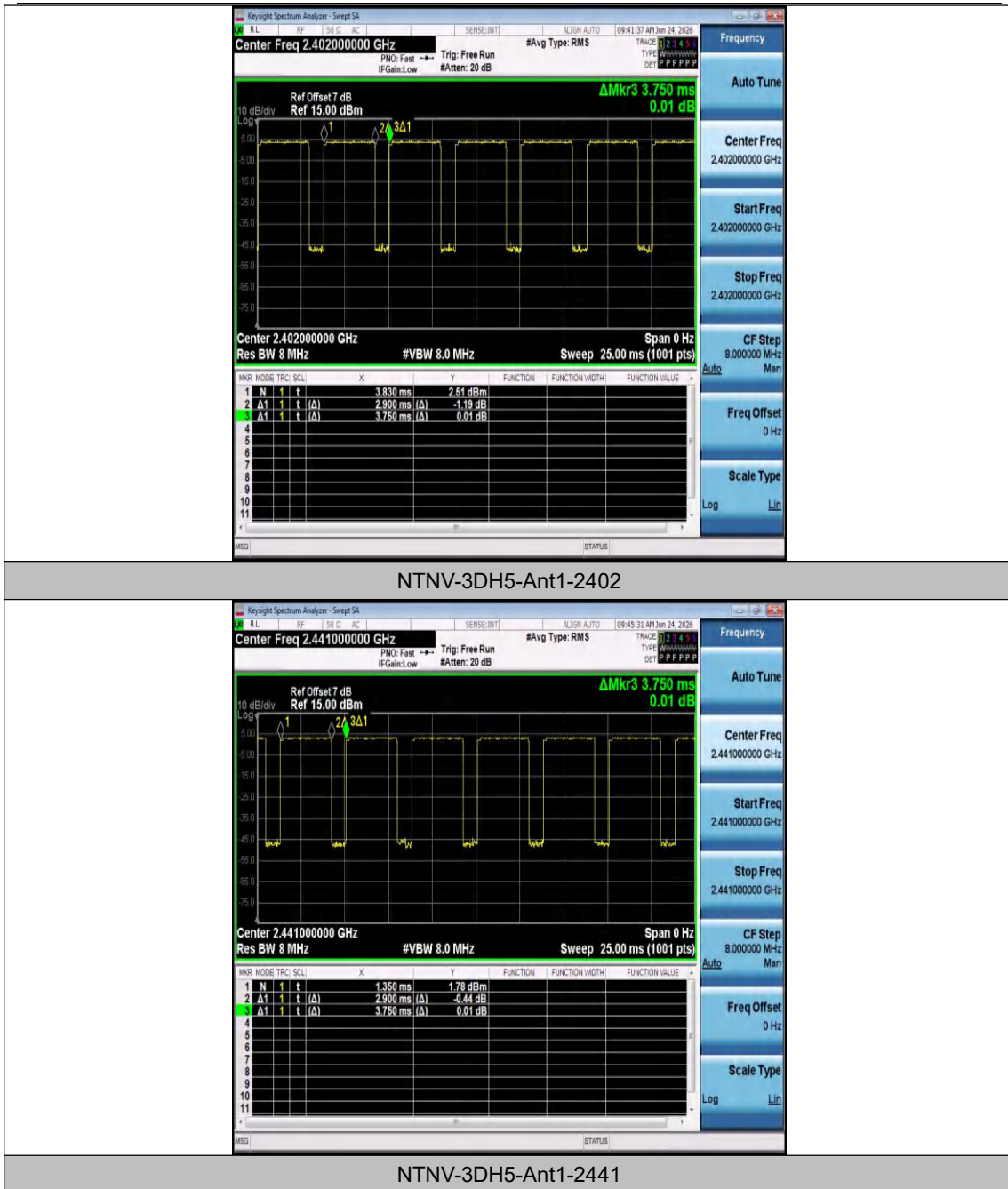
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.90	3.75	77.33	1.12
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.90	3.75	77.33	1.12
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.87	3.75	76.53	1.16
2DH5	Ant1	2480	2.87	3.75	76.53	1.16
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	2.90	3.75	77.33	1.12

Test Graphs





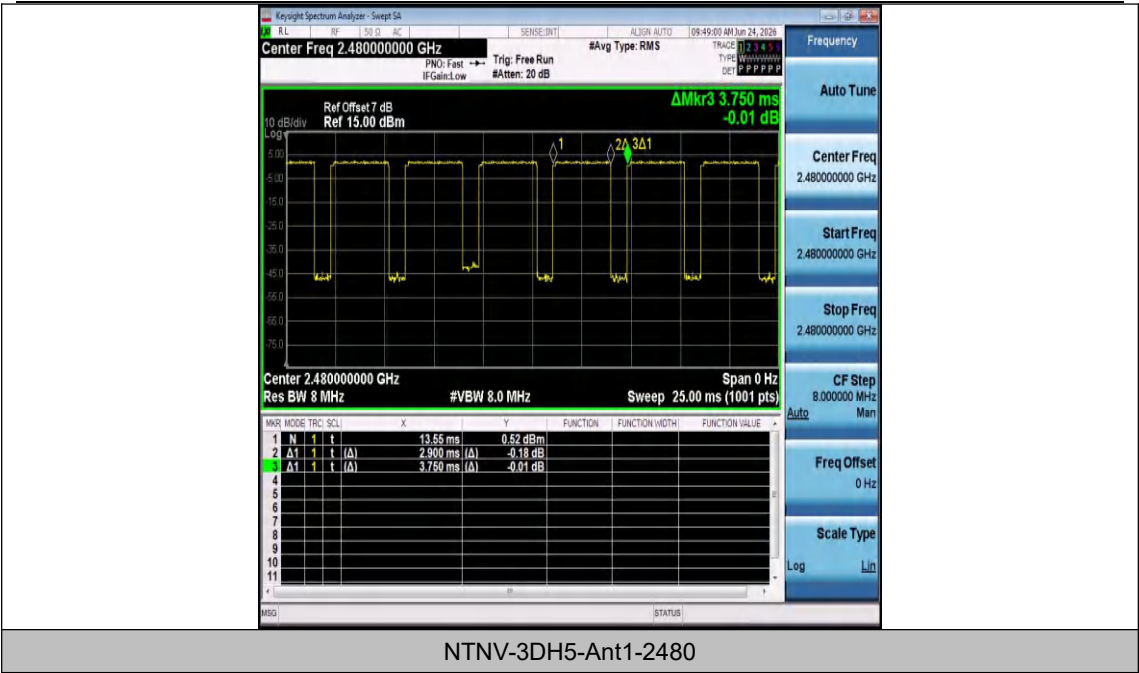




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---End---