

Appendix Test Data

Report No.:	9819C60001612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-27	Finish Test Date:	2026-4-22
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.2°C	Relative Humidity:	55%
Pressure:	101kPa		

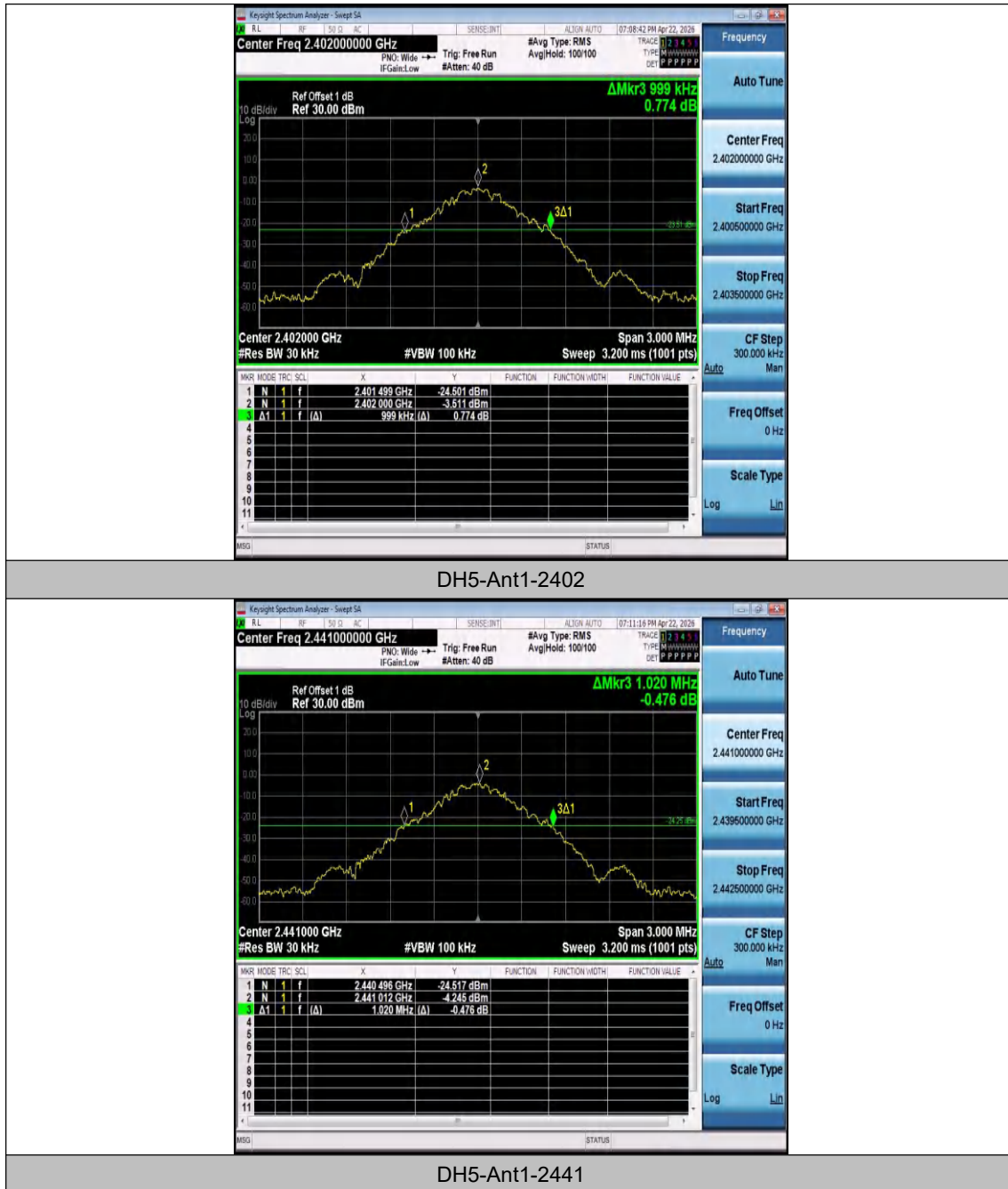


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.999	2401.499	2402.498	---	---
DH5	Ant1	2441	1.020	2440.496	2441.516	---	---
DH5	Ant1	2480	1.008	2479.493	2480.501	---	---
2DH5	Ant1	2402	1.356	2401.319	2402.675	---	---
2DH5	Ant1	2441	1.281	2440.367	2441.648	---	---
2DH5	Ant1	2480	1.320	2479.331	2480.651	---	---
3DH5	Ant1	2402	1.299	2401.349	2402.648	---	---
3DH5	Ant1	2441	1.299	2440.352	2441.651	---	---
3DH5	Ant1	2480	1.296	2479.352	2480.648	---	---

Test Graphs



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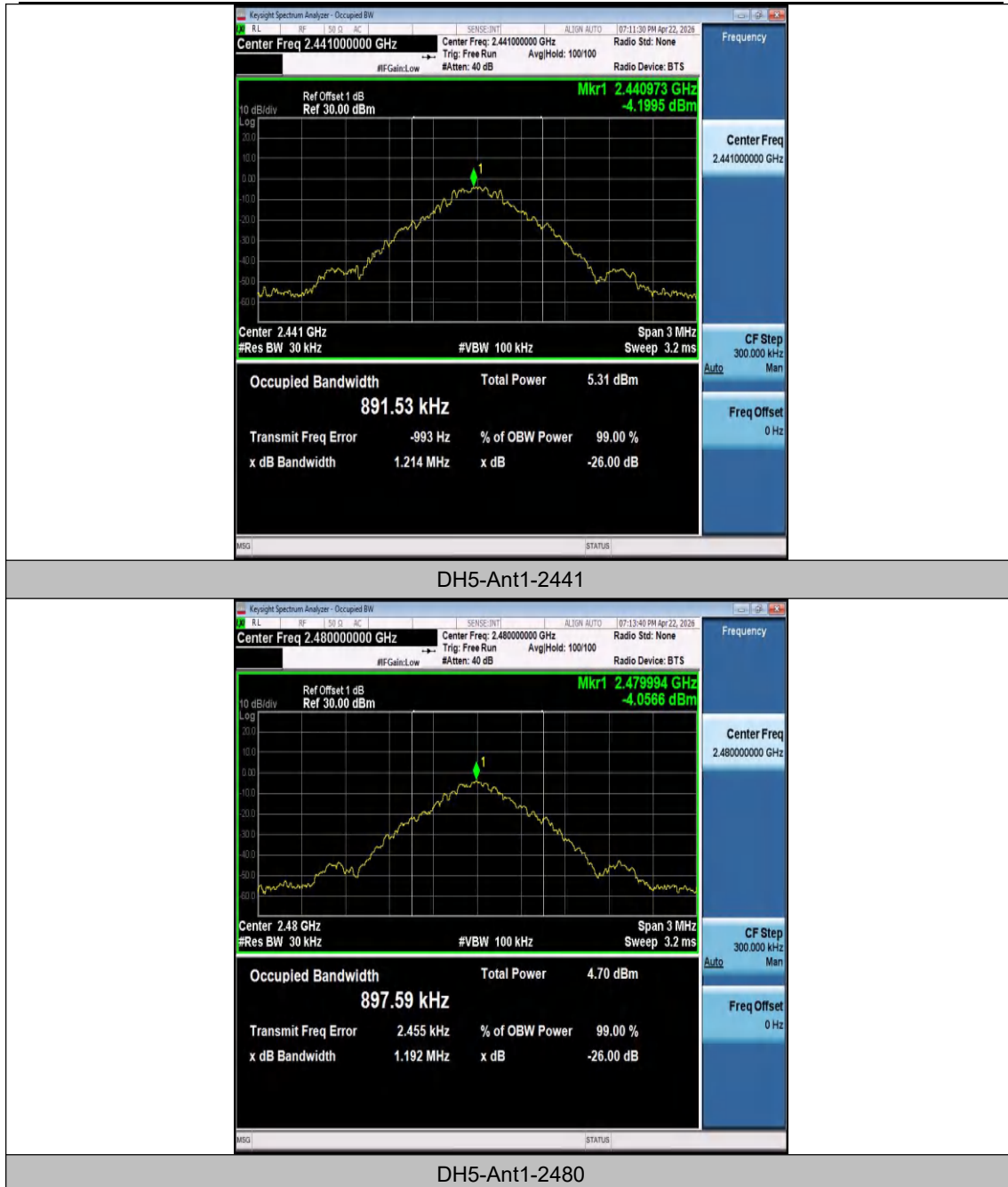
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89505	2401.5558	2402.4508	---	---
DH5	Ant1	2441	0.89153	2440.5532	2441.4448	---	---
DH5	Ant1	2480	0.89759	2479.5537	2480.4513	---	---
2DH5	Ant1	2402	1.2089	2401.3988	2402.6077	---	---
2DH5	Ant1	2441	1.1896	2440.4051	2441.5947	---	---
2DH5	Ant1	2480	1.1860	2479.4057	2480.5917	---	---
3DH5	Ant1	2402	1.1916	2401.3976	2402.5892	---	---
3DH5	Ant1	2441	1.1926	2440.4030	2441.5956	---	---
3DH5	Ant1	2480	1.1994	2479.3988	2480.5982	---	---

Test Graphs





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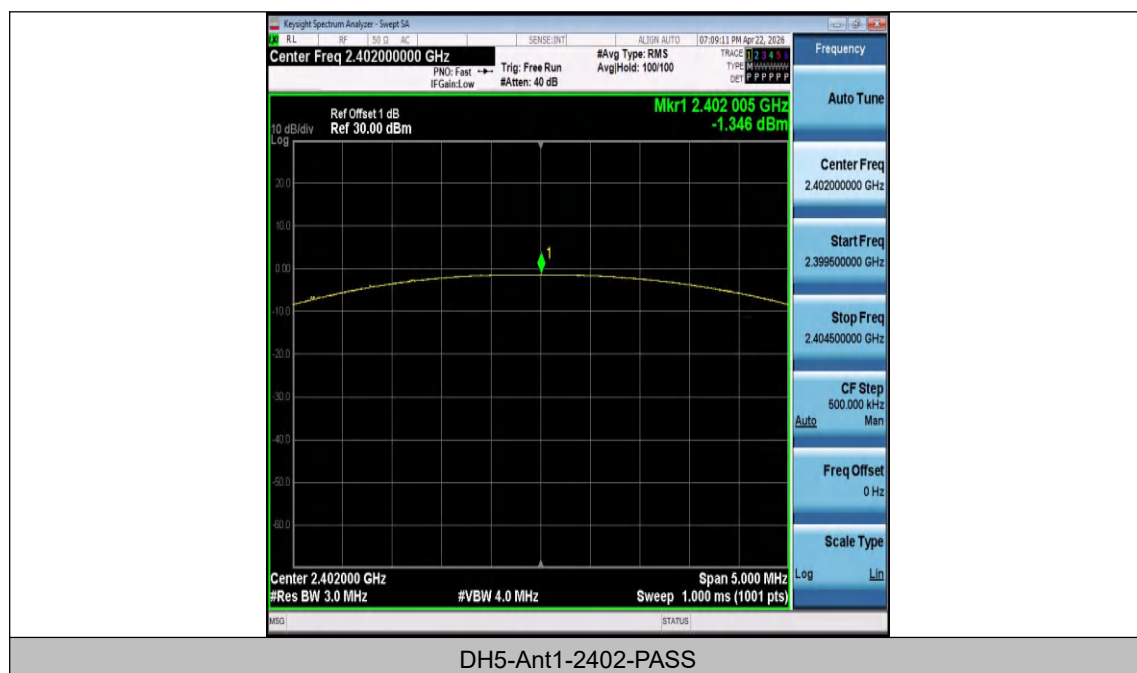
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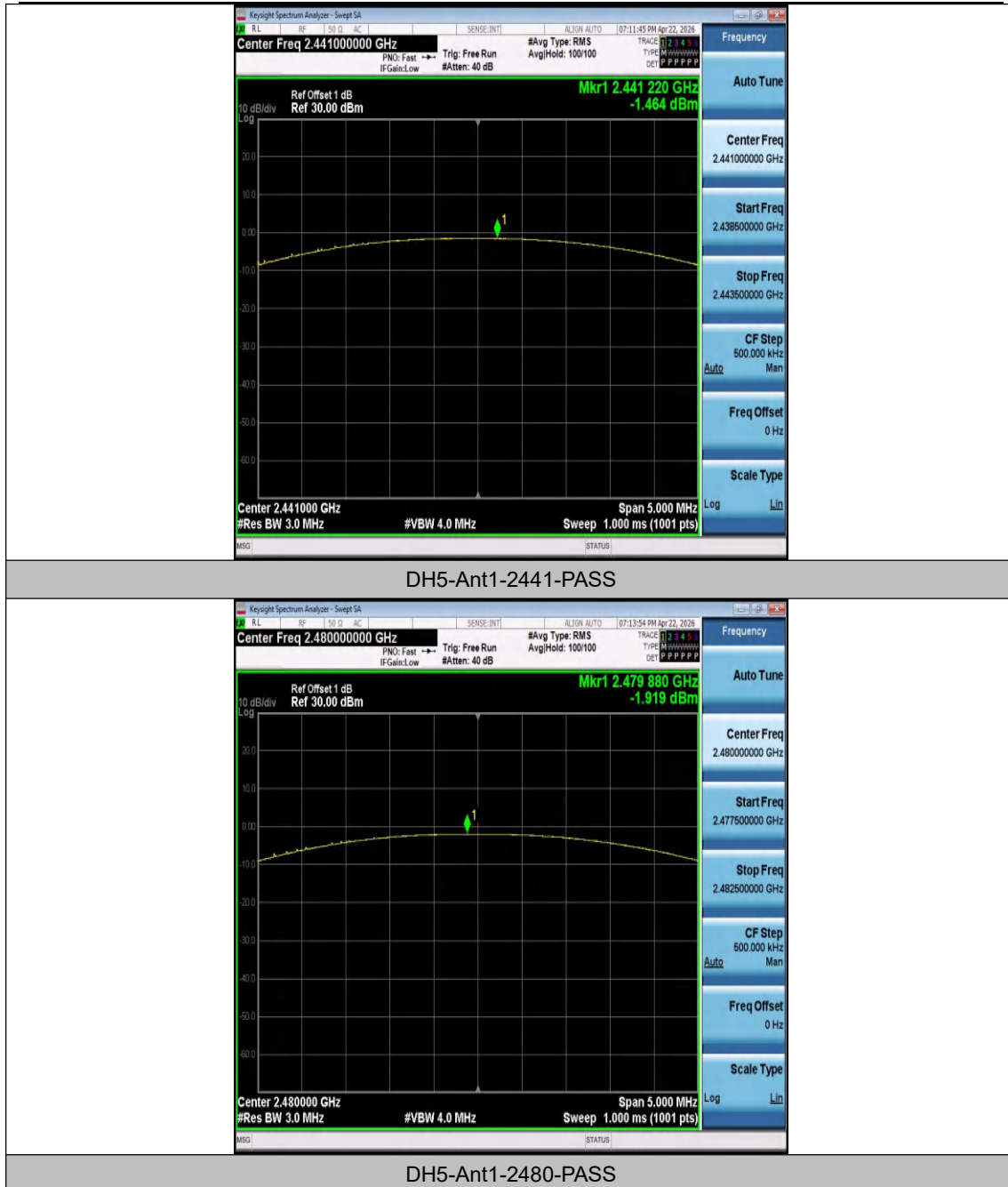
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.35	≤20.97	PASS
DH5	Ant1	2441	-1.46	≤20.97	PASS
DH5	Ant1	2480	-1.92	≤20.97	PASS
2DH5	Ant1	2402	-0.48	≤20.97	PASS
2DH5	Ant1	2441	-0.64	≤20.97	PASS
2DH5	Ant1	2480	-1.10	≤20.97	PASS
3DH5	Ant1	2402	-0.13	≤20.97	PASS
3DH5	Ant1	2441	-0.23	≤20.97	PASS
3DH5	Ant1	2480	-0.70	≤20.97	PASS

Test Graphs

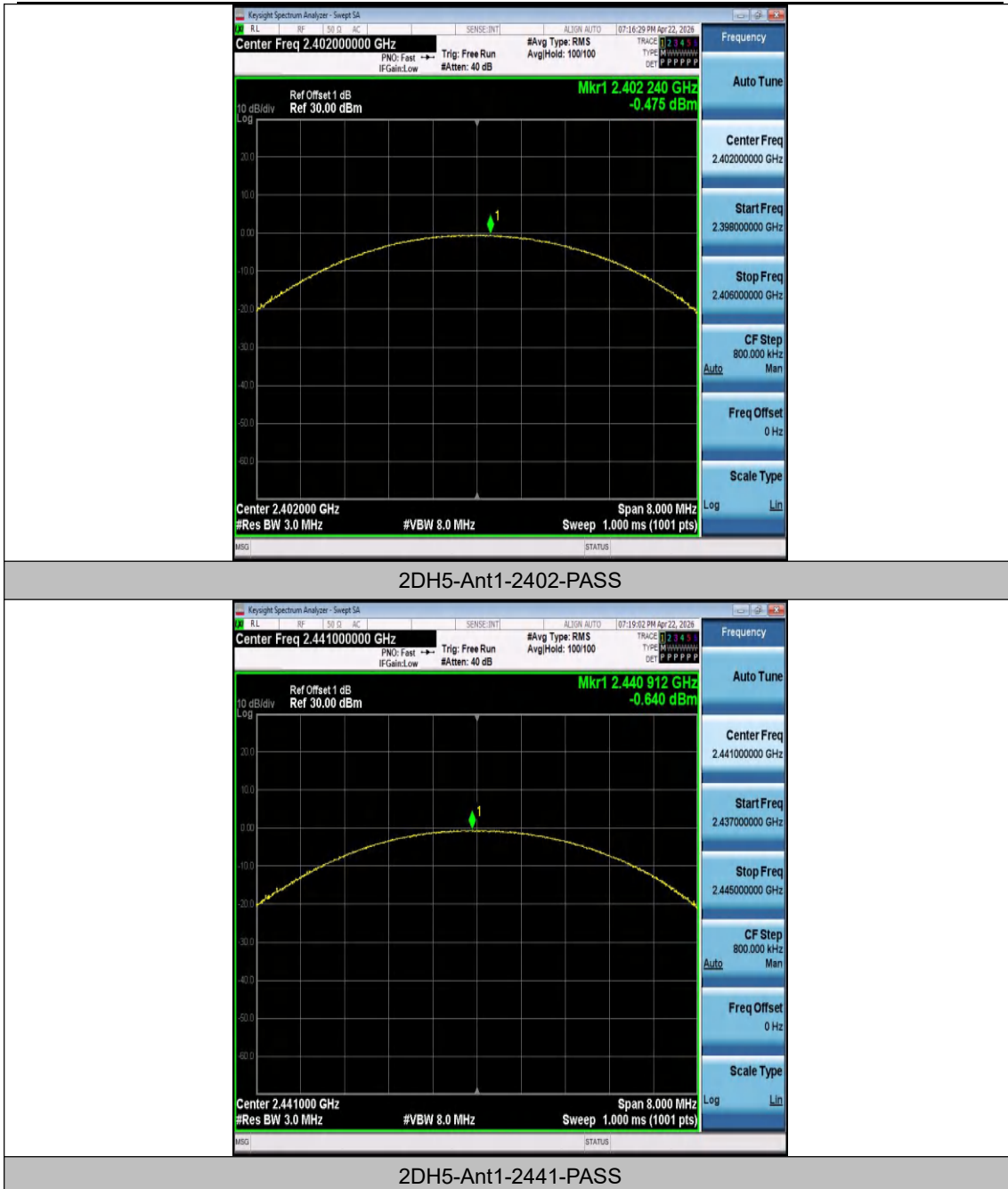




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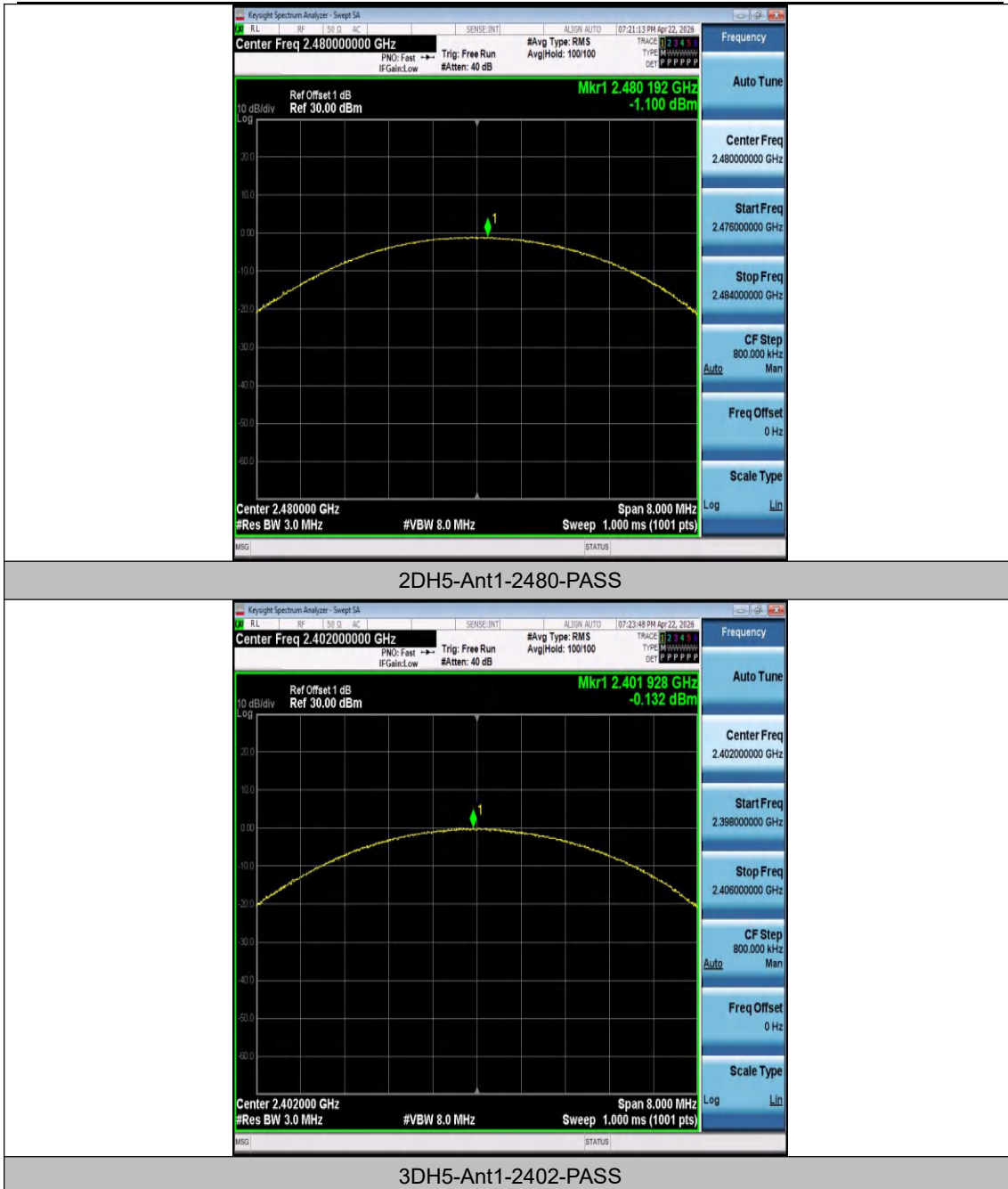
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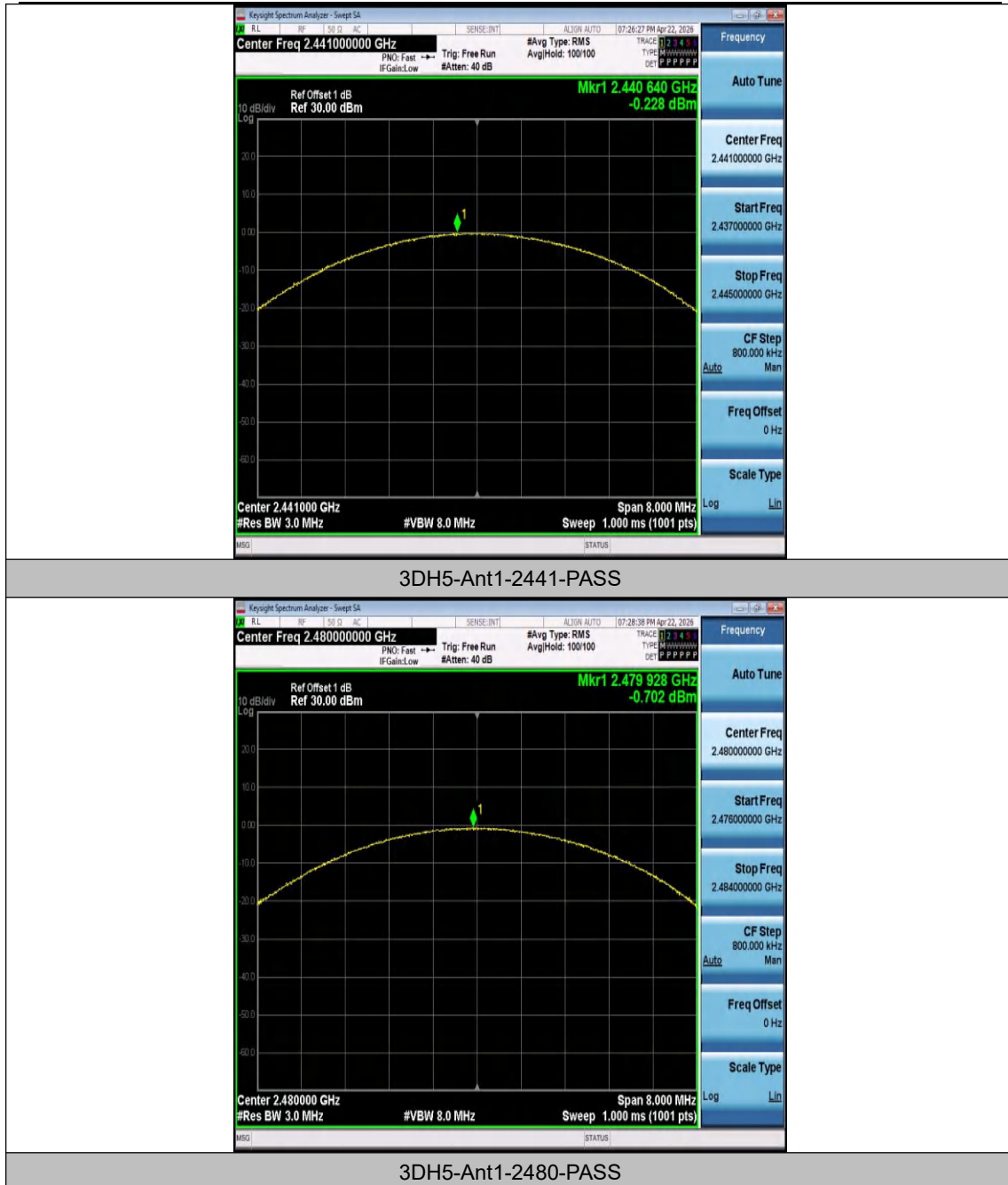
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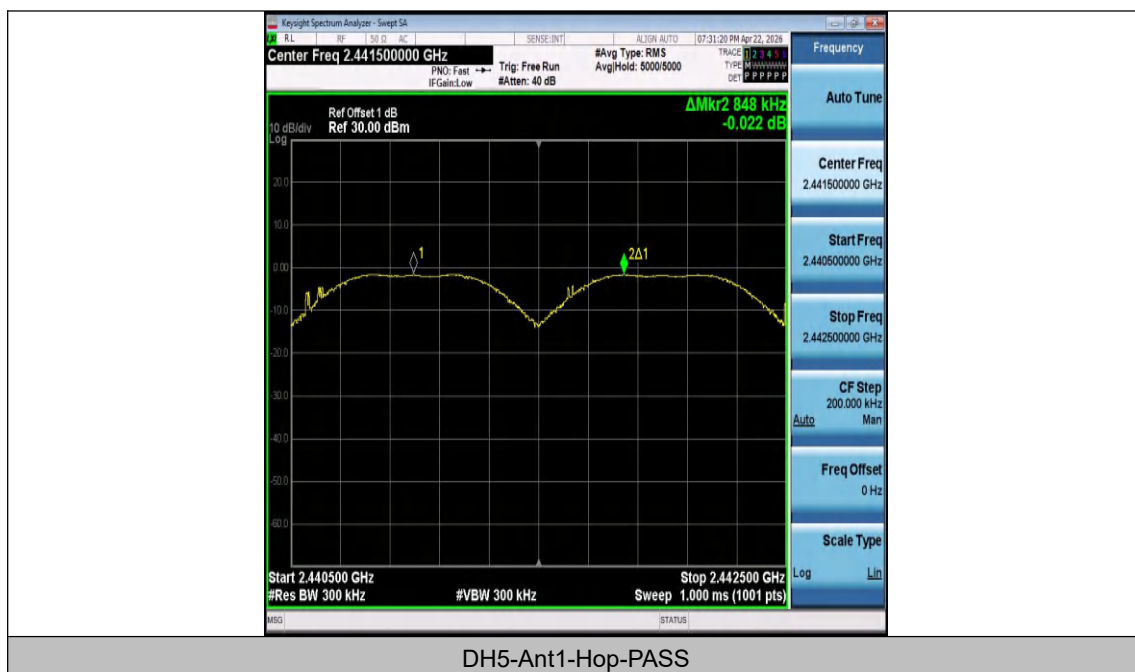
Appendix D: Carrier frequency separation

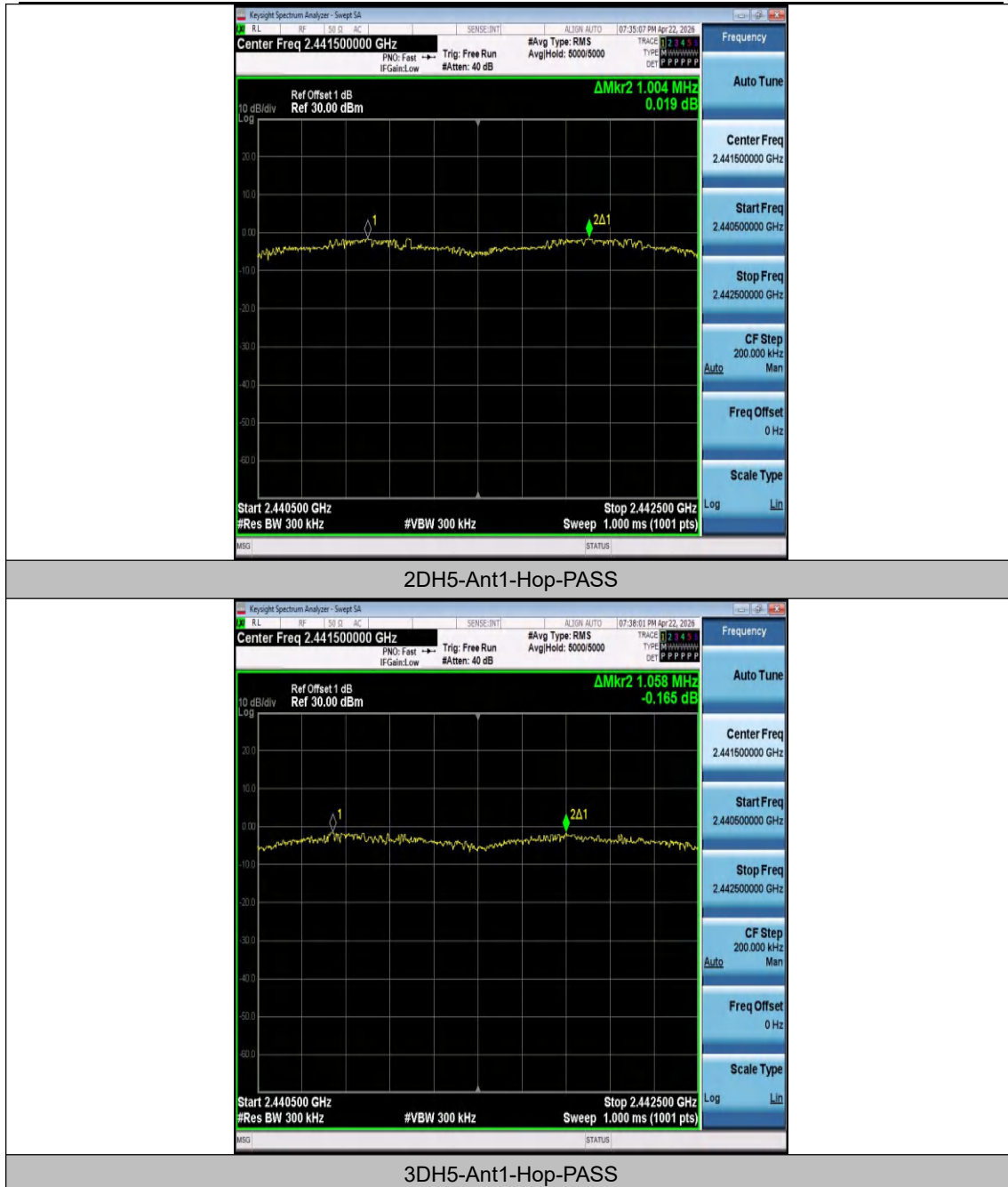
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.848	≥0.680	PASS
2DH5	Ant1	Hop	1.004	≥0.904	PASS
3DH5	Ant1	Hop	1.058	≥0.866	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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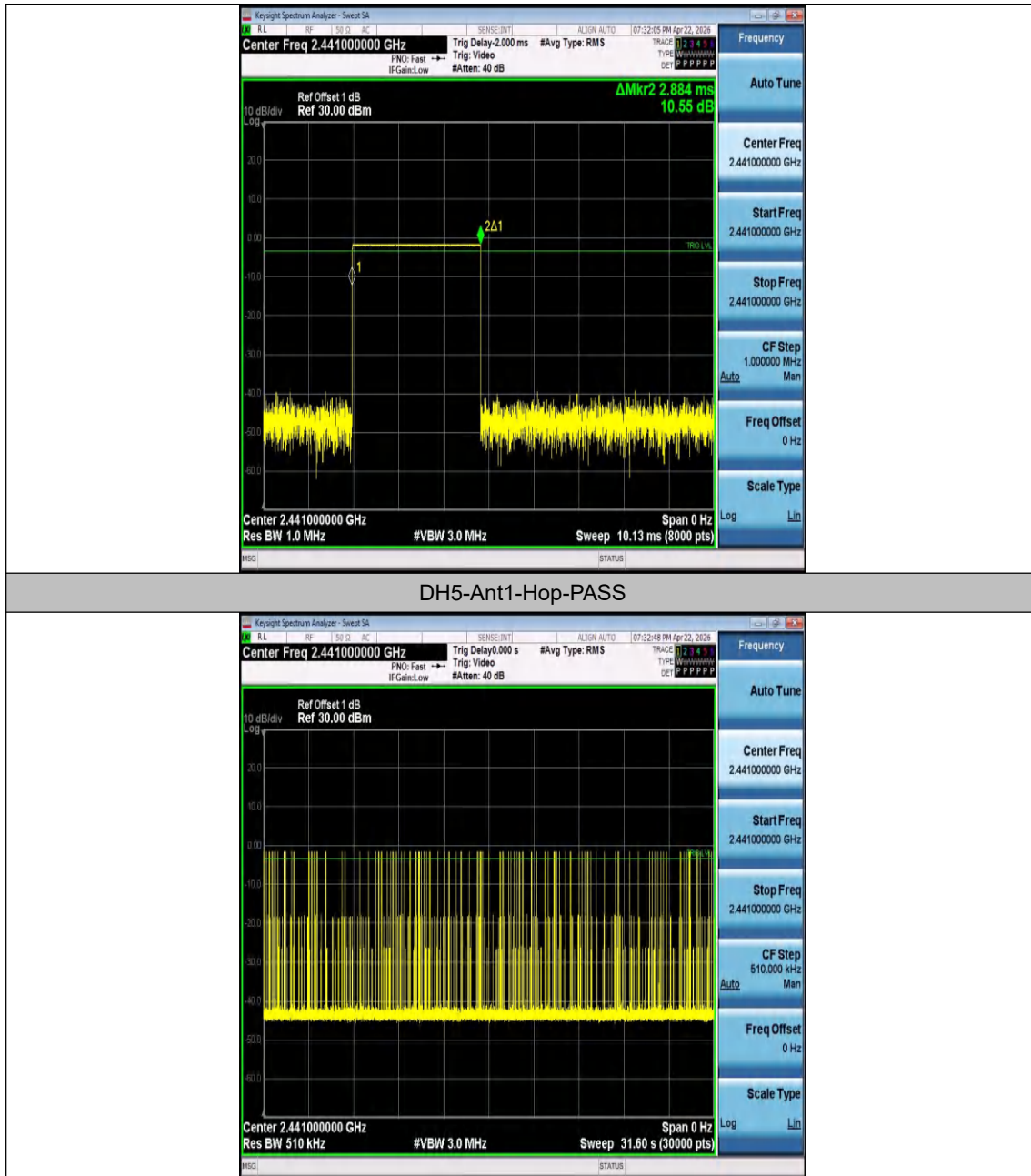
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.884	115	0.332	≤0.4	PASS
2DH5	Ant1	Hop	2.891	99	0.286	≤0.4	PASS
3DH5	Ant1	Hop	2.893	99	0.286	≤0.4	PASS

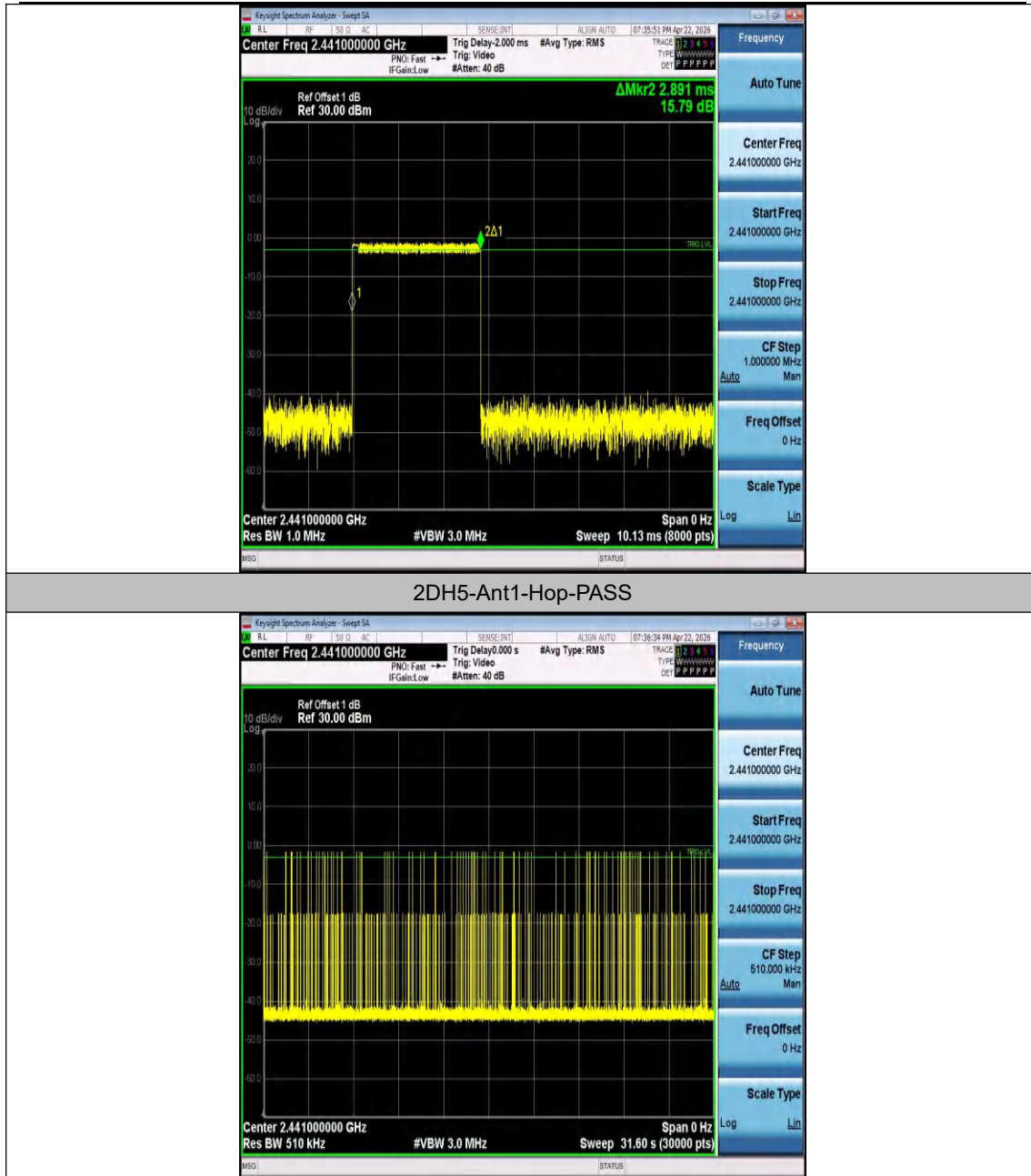
Test Graphs



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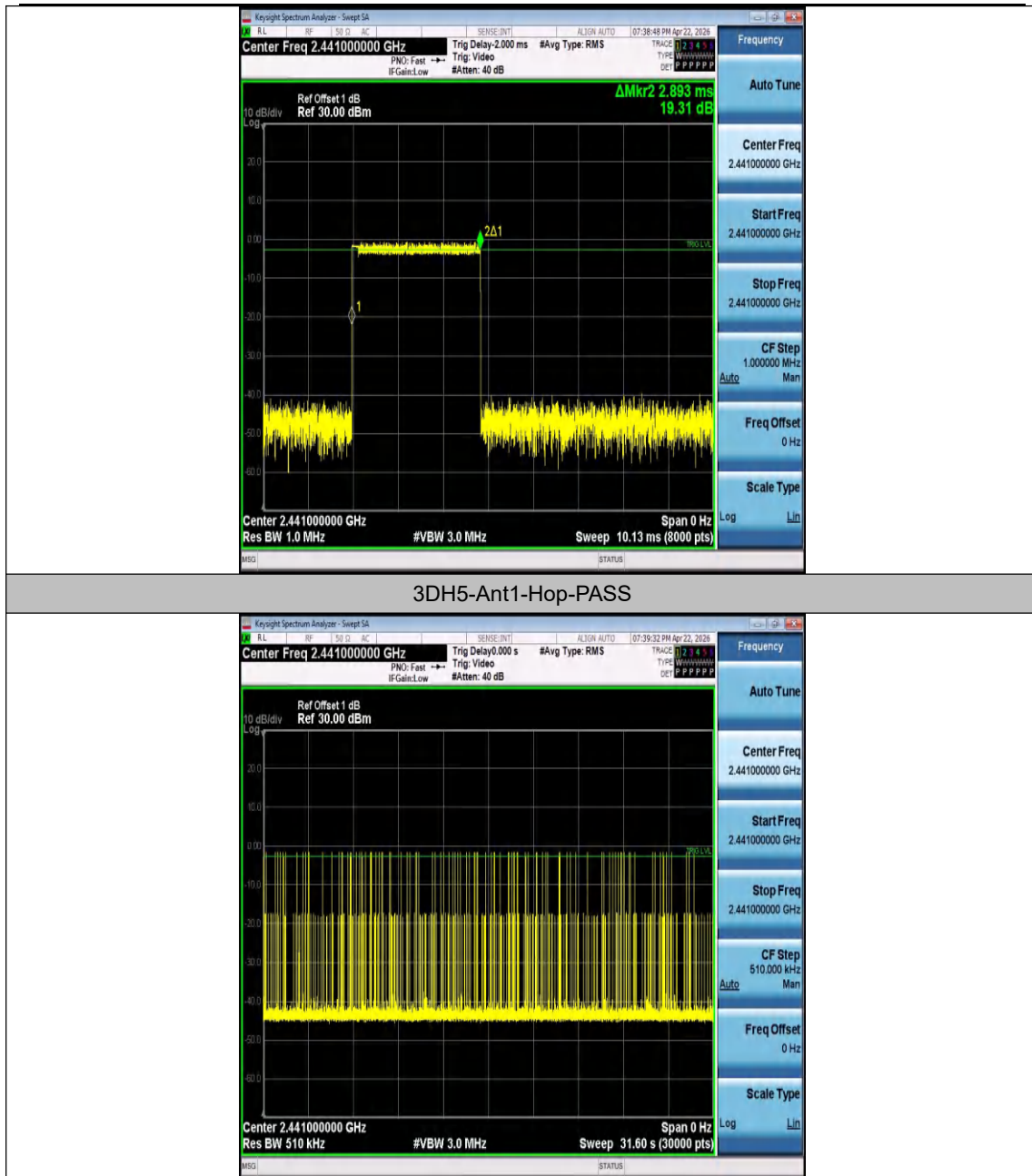
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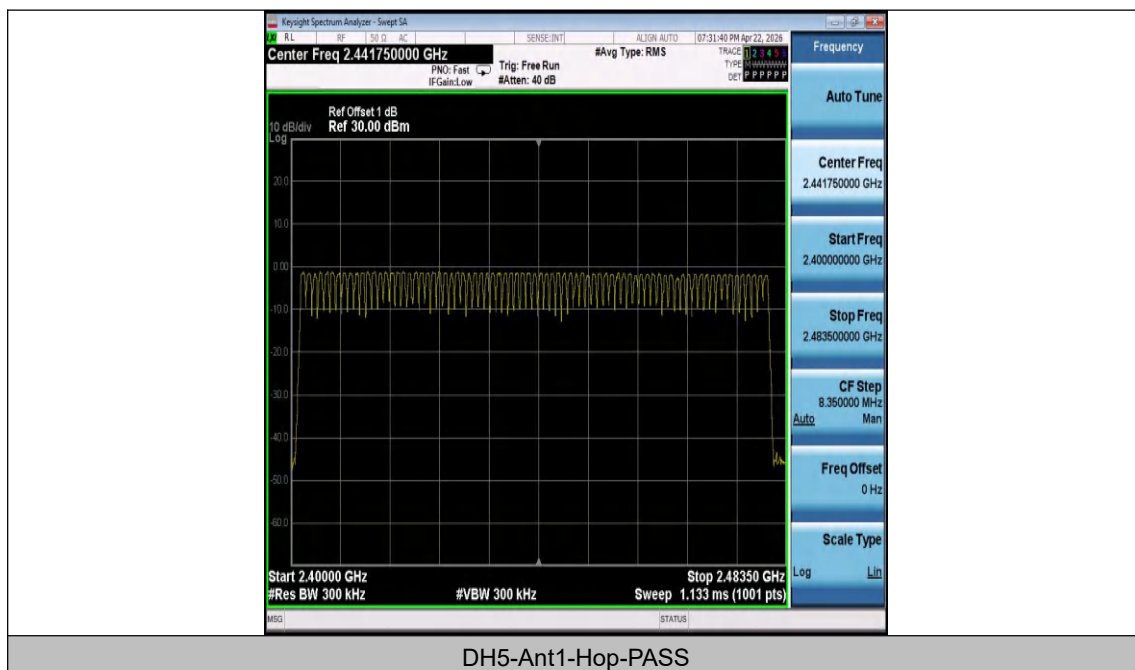
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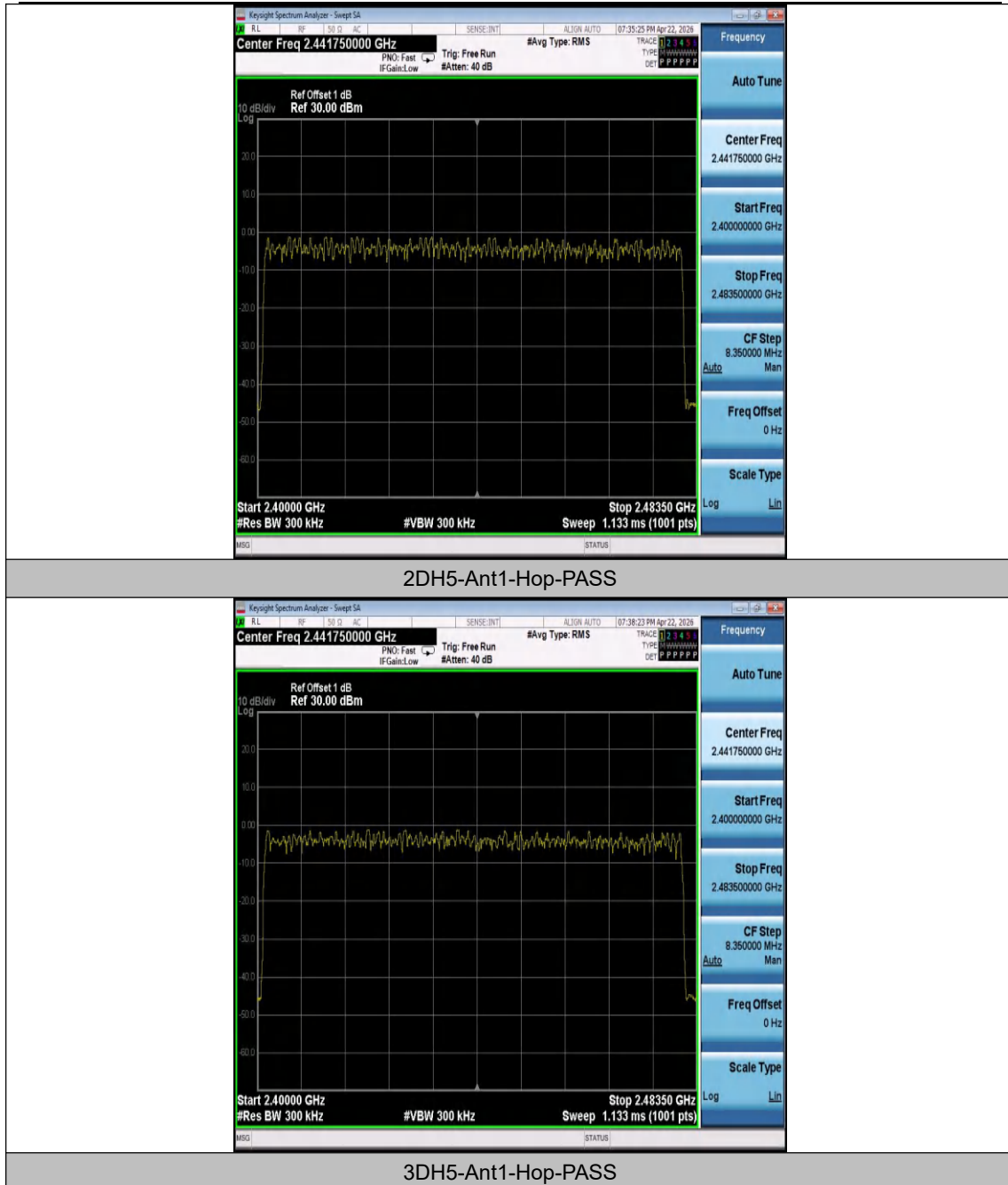
Appendix F: Number of Hopping Channel

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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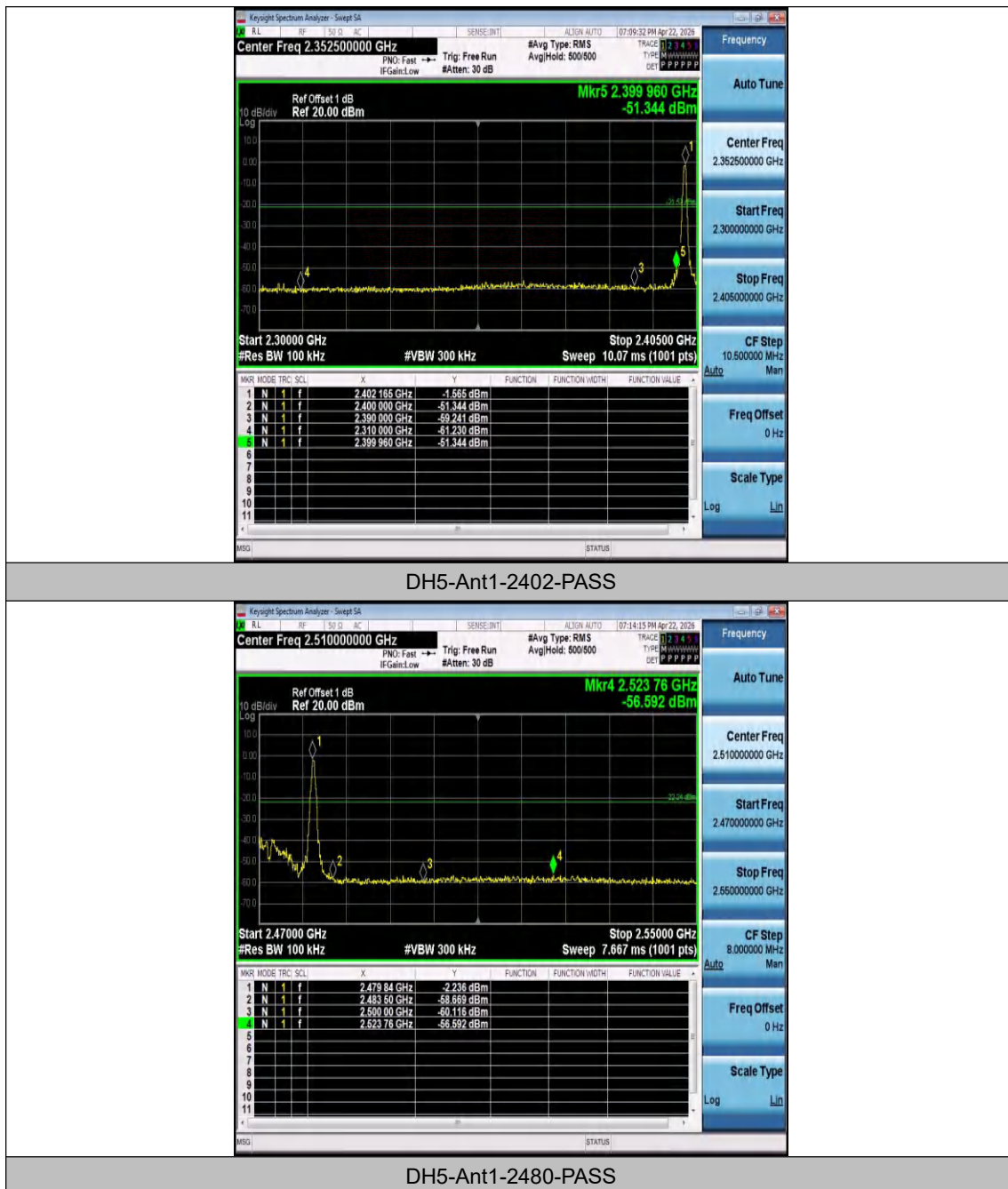
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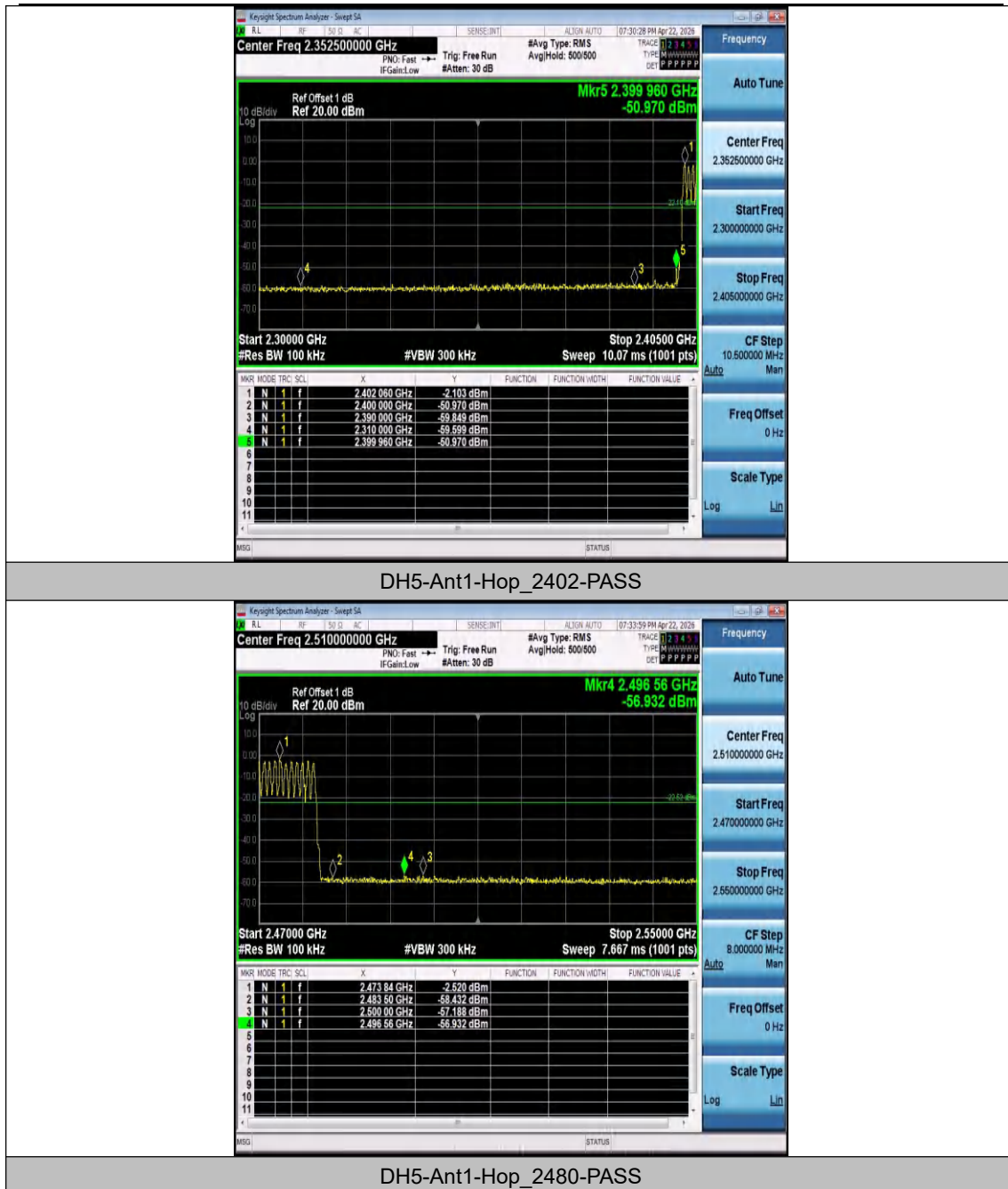
Appendix G: Conducted Band edge

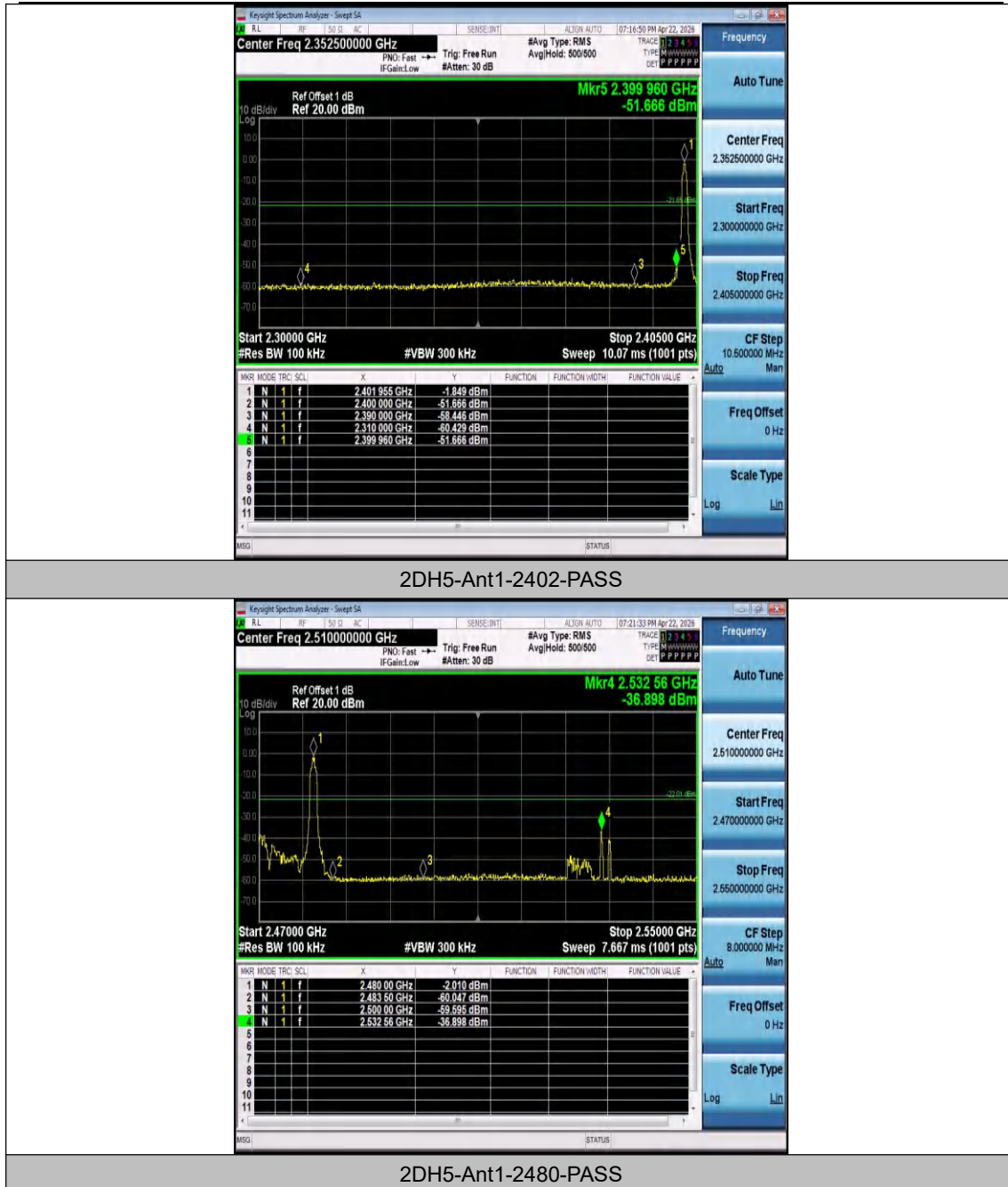
Test Result

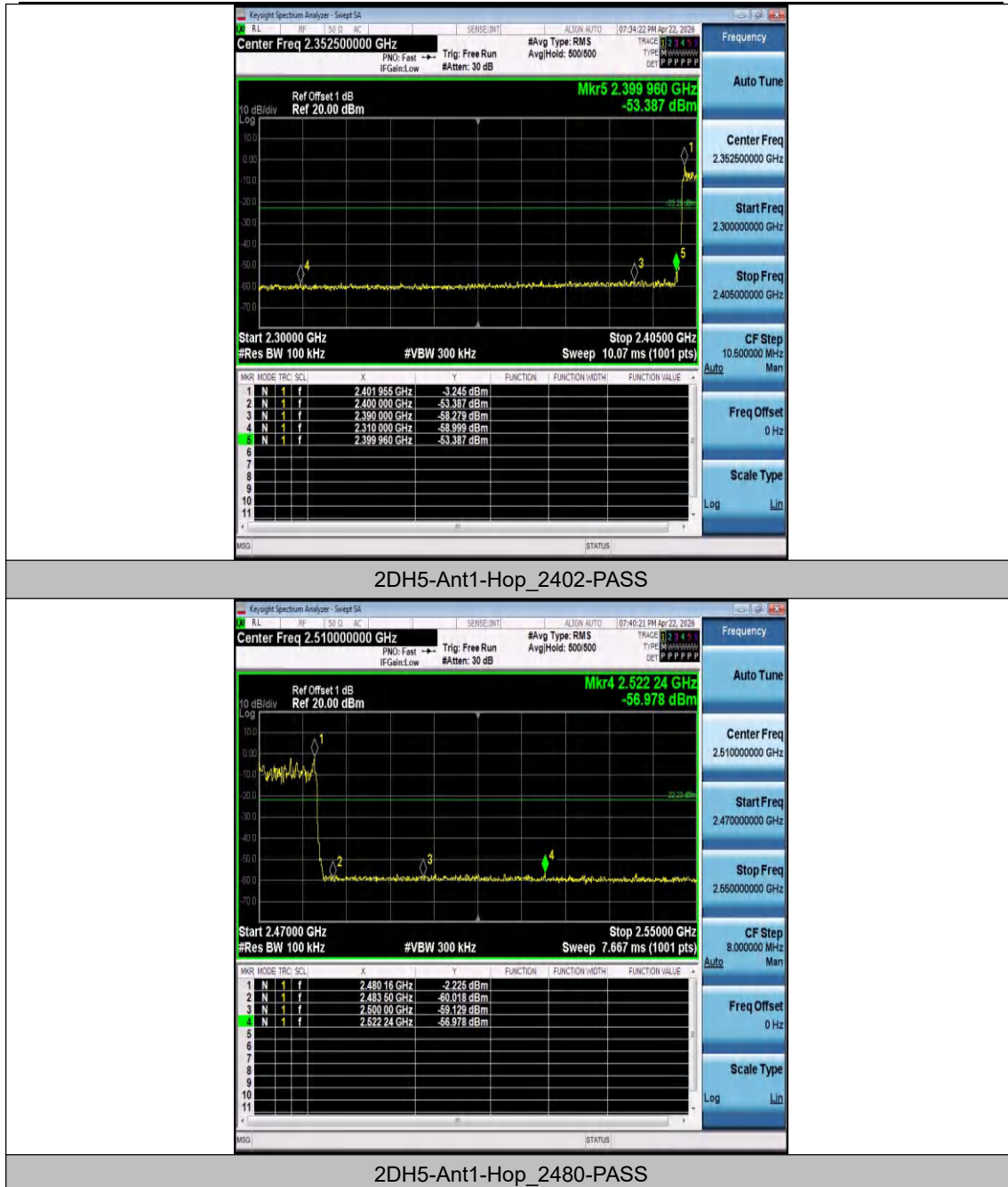
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.57	-51.34	≤-21.57	PASS
DH5	Ant1	High	2480	-2.24	-56.59	≤-22.24	PASS
DH5	Ant1	Low	Hop_2402	-2.10	-50.97	≤-22.1	PASS
DH5	Ant1	High	Hop_2480	-2.52	-56.93	≤-22.52	PASS
2DH5	Ant1	Low	2402	-1.85	-51.67	≤-21.85	PASS
2DH5	Ant1	High	2480	-2.01	-36.9	≤-22.01	PASS
2DH5	Ant1	Low	Hop_2402	-3.25	-53.39	≤-23.25	PASS
2DH5	Ant1	High	Hop_2480	-2.23	-56.98	≤-22.23	PASS
3DH5	Ant1	Low	2402	-1.62	-49.97	≤-21.62	PASS
3DH5	Ant1	High	2480	-1.93	-44.97	≤-21.93	PASS
3DH5	Ant1	Low	Hop_2402	-2.60	-56.39	≤-22.6	PASS
3DH5	Ant1	High	Hop_2480	-3.15	-56.14	≤-23.15	PASS

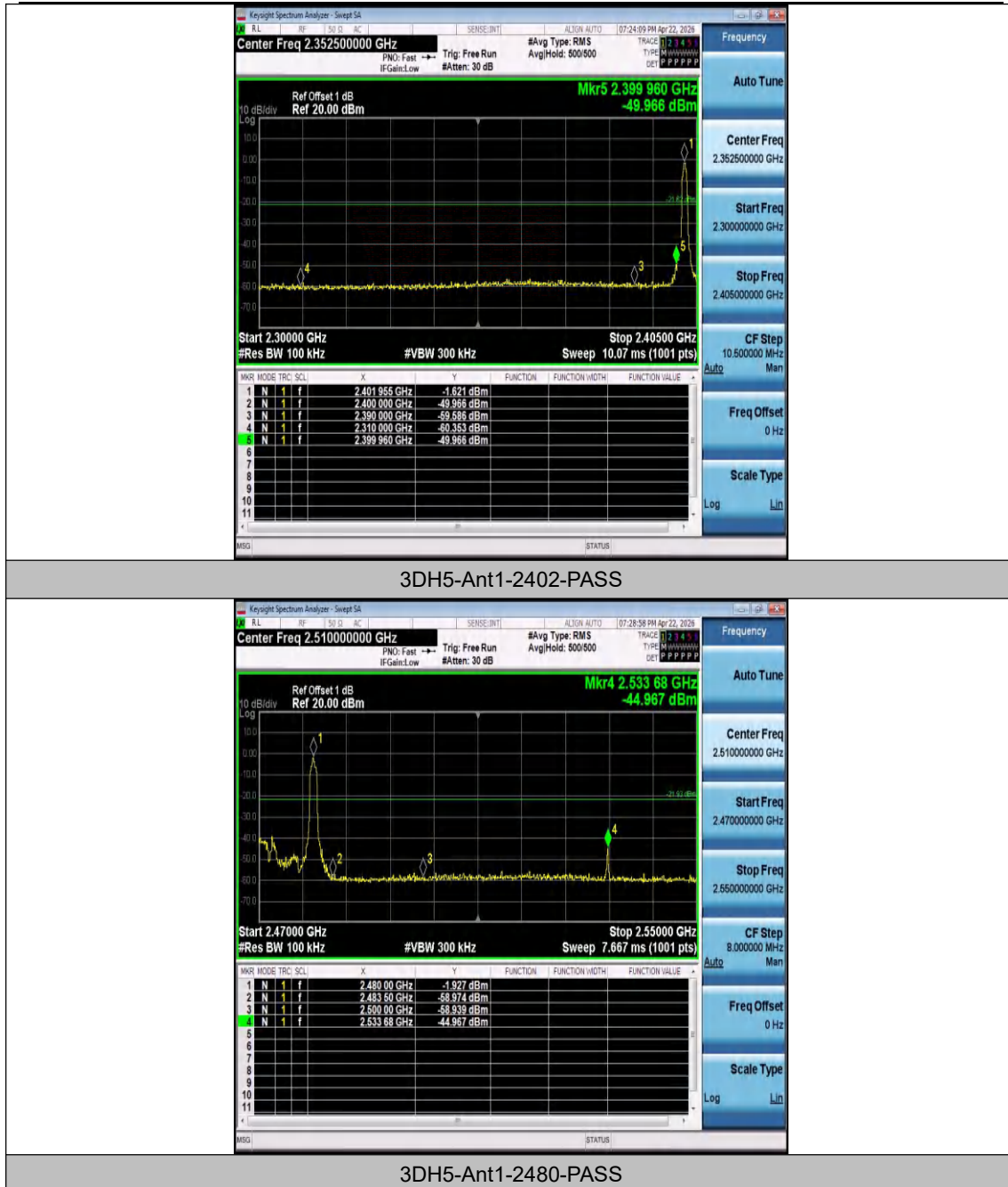
Test Graphs

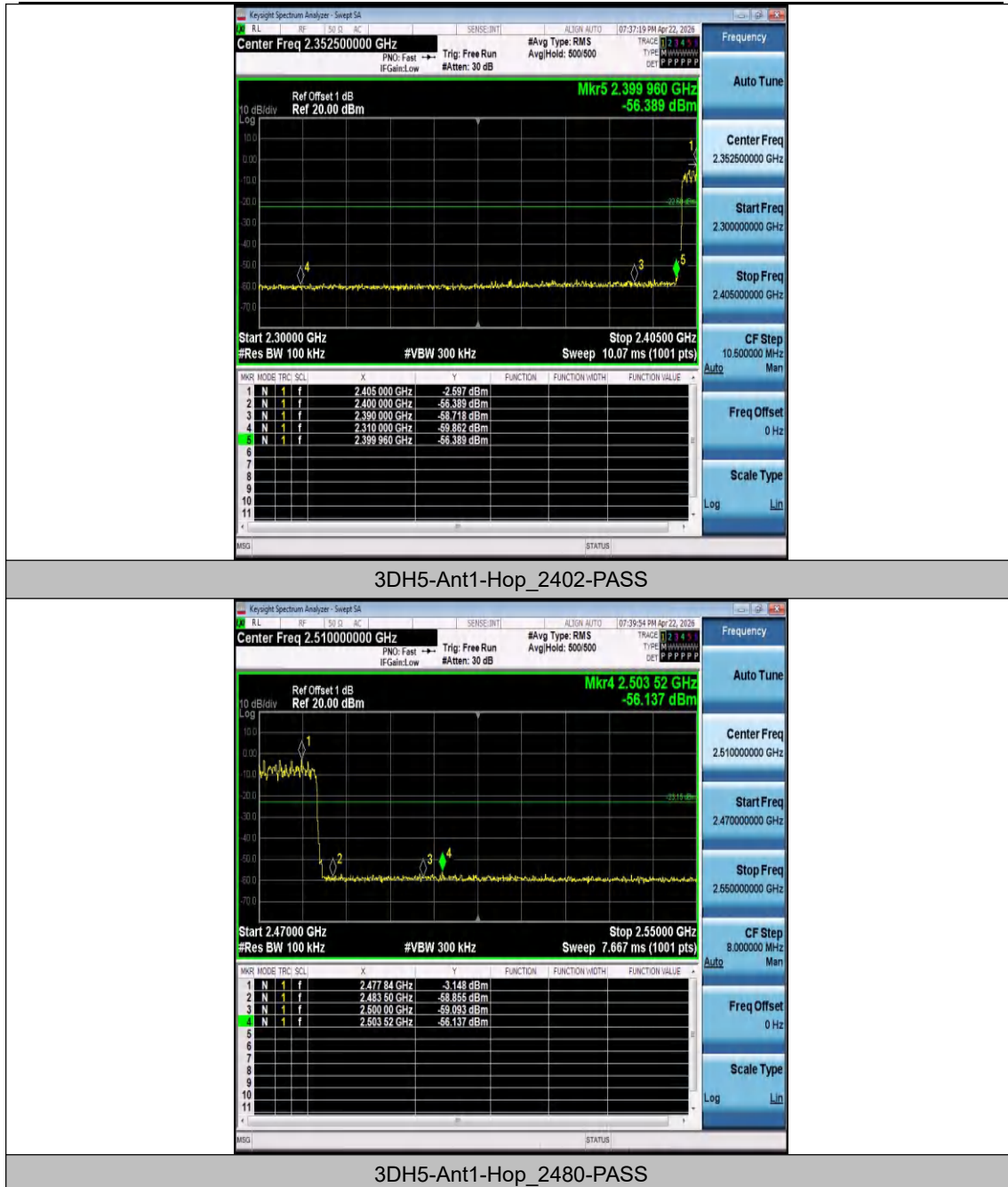












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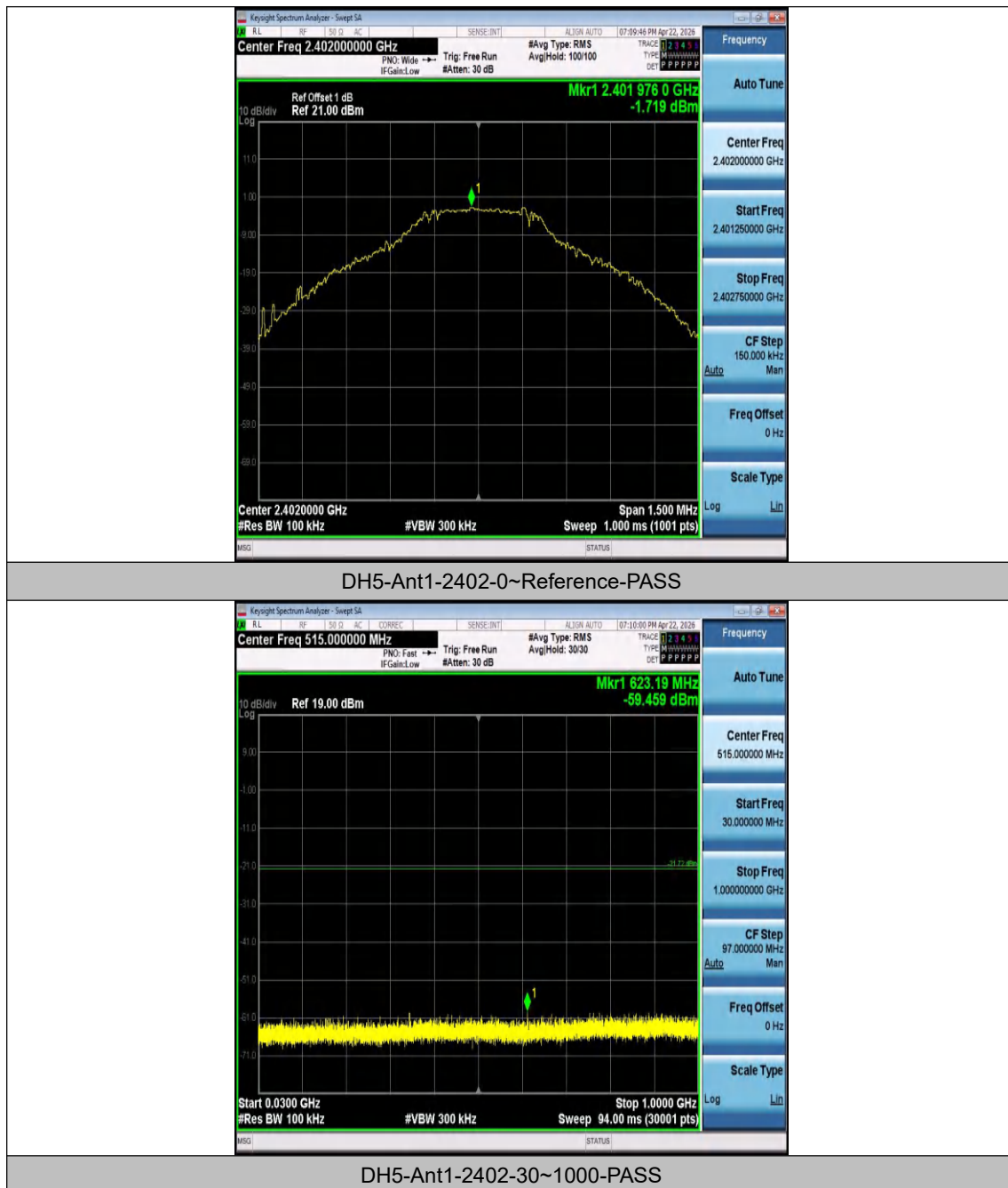
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.72	-1.72	---	PASS
DH5	Ant1	2402	30~1000	-1.72	-59.46	≤-21.72	PASS
DH5	Ant1	2402	1000~26500	-1.72	-43.33	≤-21.72	PASS
DH5	Ant1	2441	0~Reference	-1.73	-1.73	---	PASS
DH5	Ant1	2441	30~1000	-1.73	-58.63	≤-21.73	PASS
DH5	Ant1	2441	1000~26500	-1.73	-44.45	≤-21.73	PASS
DH5	Ant1	2480	0~Reference	-2.22	-2.22	---	PASS
DH5	Ant1	2480	30~1000	-2.22	-59.06	≤-22.22	PASS
DH5	Ant1	2480	1000~26500	-2.22	-35.62	≤-22.22	PASS
2DH5	Ant1	2402	0~Reference	-1.72	-1.72	---	PASS
2DH5	Ant1	2402	30~1000	-1.72	-58.97	≤-21.72	PASS
2DH5	Ant1	2402	1000~26500	-1.72	-41.81	≤-21.72	PASS
2DH5	Ant1	2441	0~Reference	-1.91	-1.91	---	PASS
2DH5	Ant1	2441	30~1000	-1.91	-58.07	≤-21.91	PASS
2DH5	Ant1	2441	1000~26500	-1.91	-28.18	≤-21.91	PASS
2DH5	Ant1	2480	0~Reference	-2.67	-2.67	---	PASS
2DH5	Ant1	2480	30~1000	-2.67	-58.46	≤-22.67	PASS
2DH5	Ant1	2480	1000~26500	-2.67	-26.97	≤-22.67	PASS
3DH5	Ant1	2402	0~Reference	-2.50	-2.50	---	PASS
3DH5	Ant1	2402	30~1000	-2.50	-59.68	≤-22.5	PASS
3DH5	Ant1	2402	1000~26500	-2.50	-32.75	≤-22.5	PASS
3DH5	Ant1	2441	0~Reference	-1.74	-1.74	---	PASS
3DH5	Ant1	2441	30~1000	-1.74	-59.1	≤-21.74	PASS
3DH5	Ant1	2441	1000~26500	-1.74	-33.68	≤-21.74	PASS
3DH5	Ant1	2480	0~Reference	-2.35	-2.35	---	PASS
3DH5	Ant1	2480	30~1000	-2.35	-59.07	≤-22.35	PASS
3DH5	Ant1	2480	1000~26500	-2.35	-38.24	≤-22.35	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.

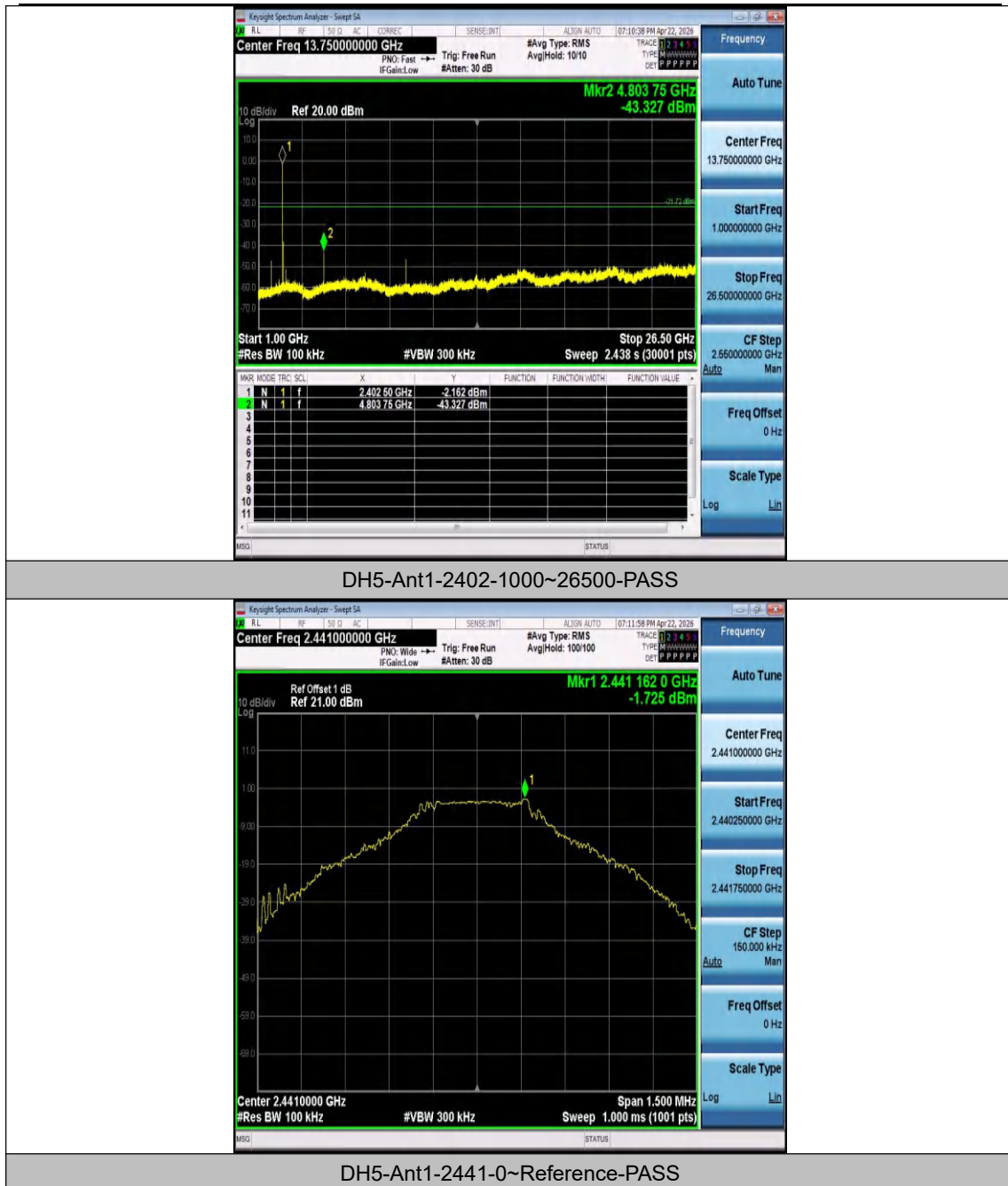
Test Graphs

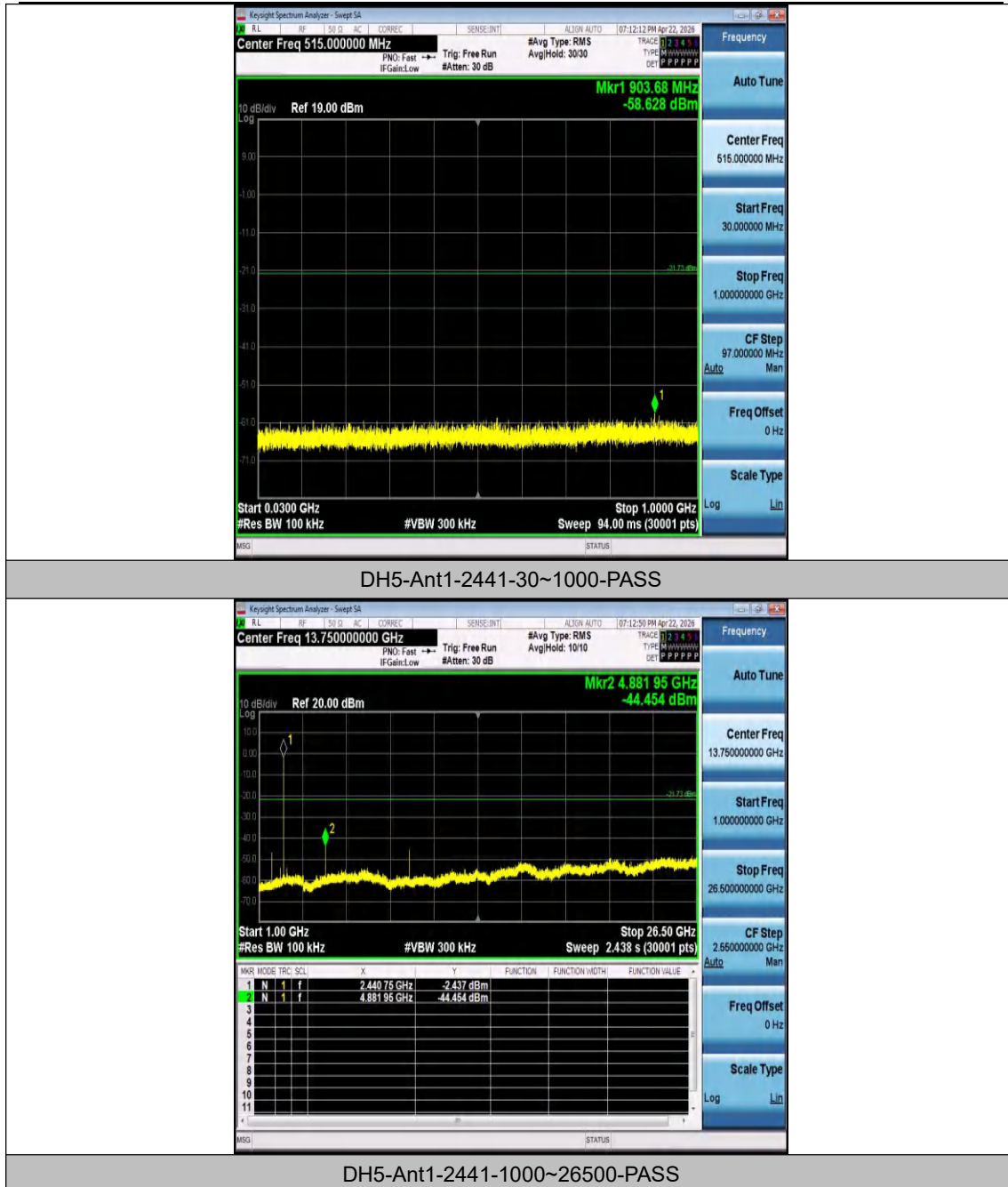


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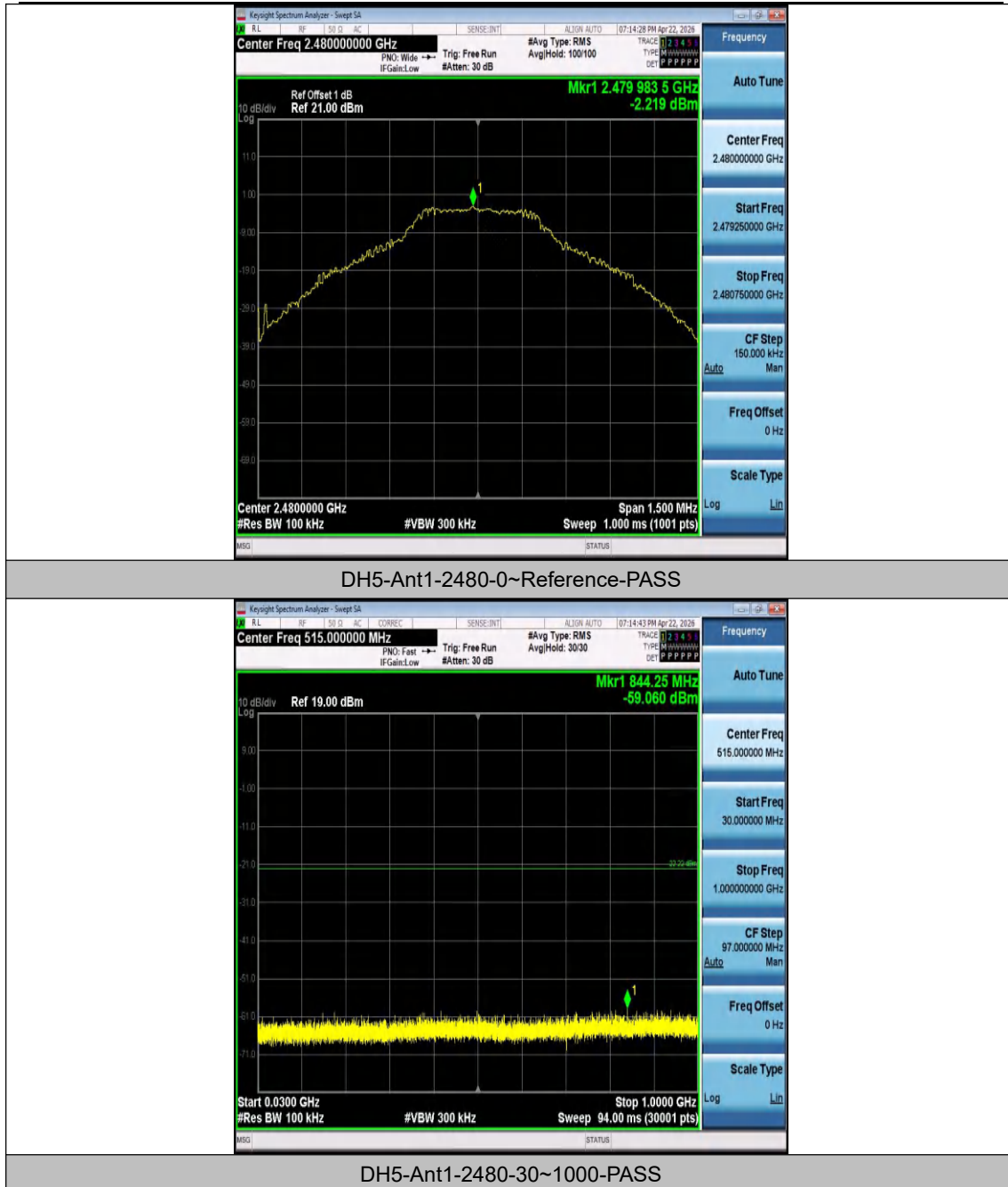




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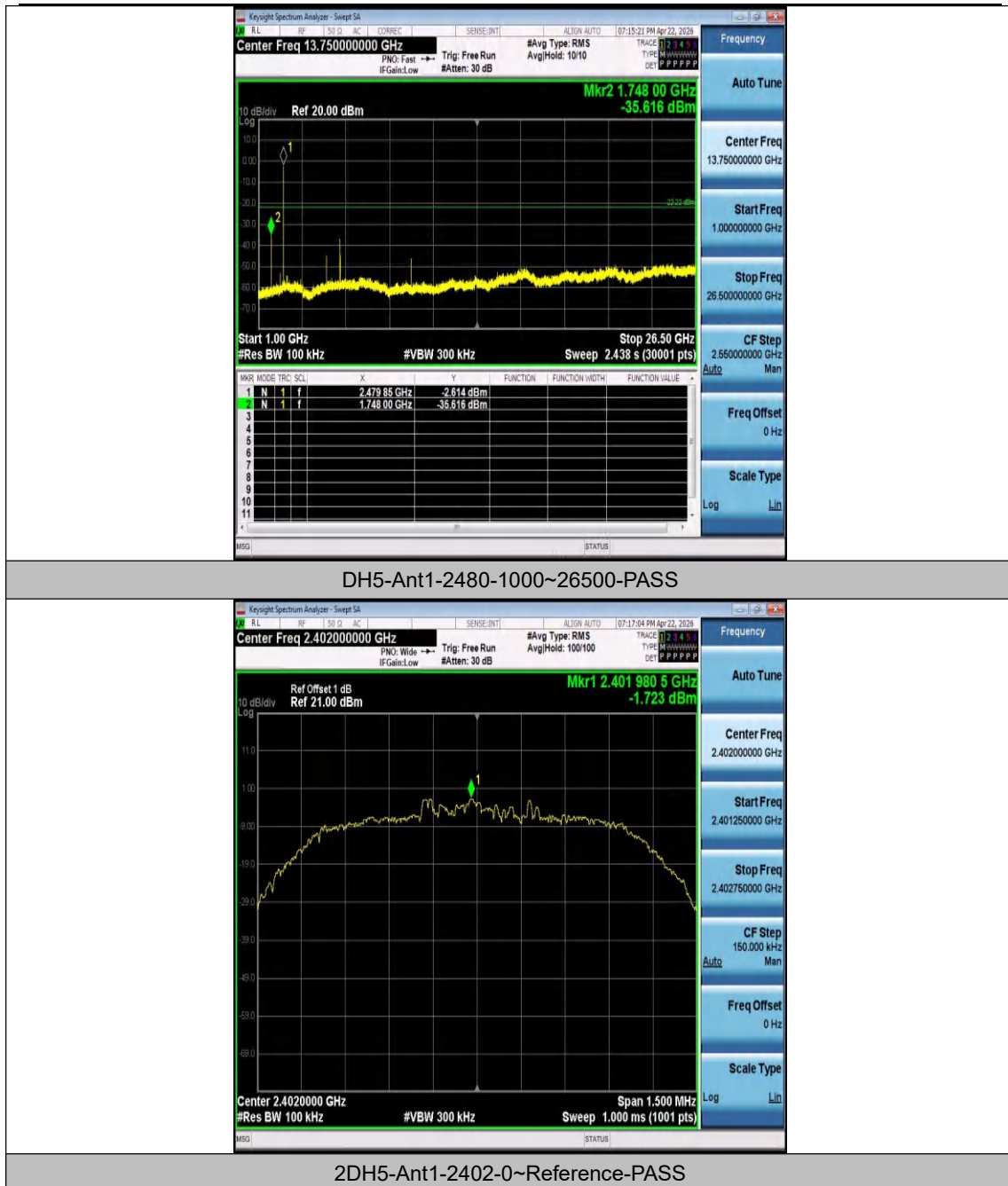
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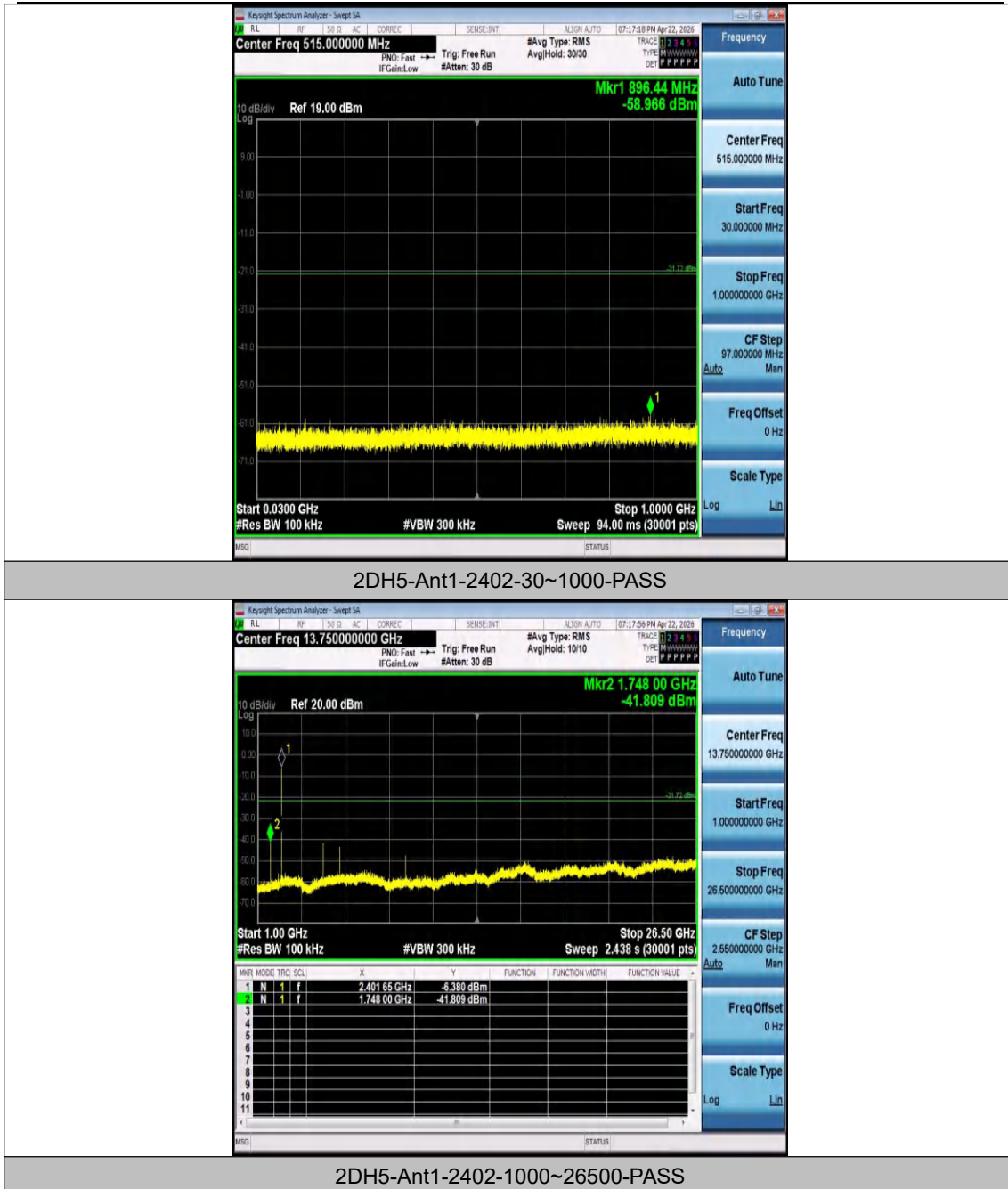


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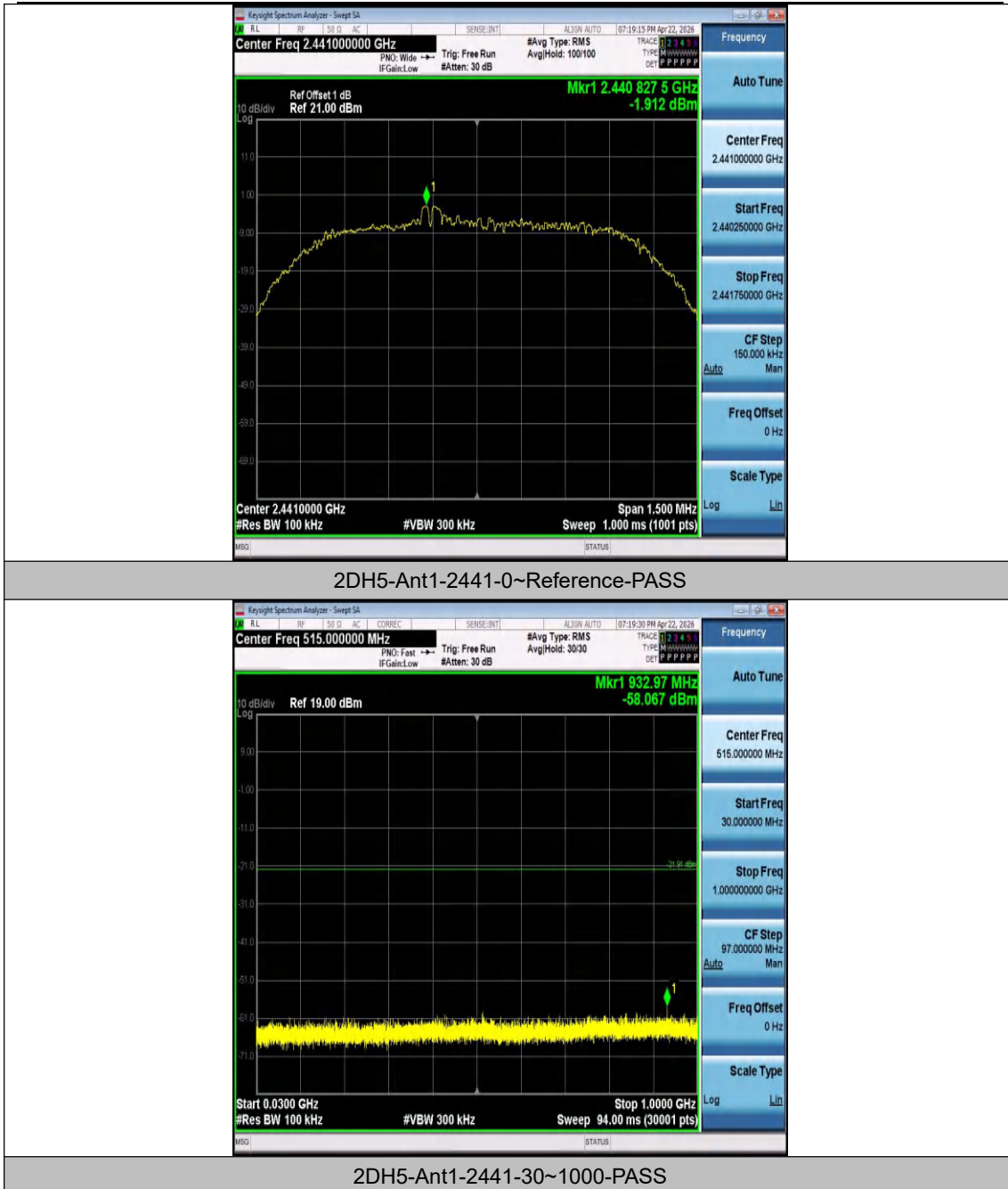




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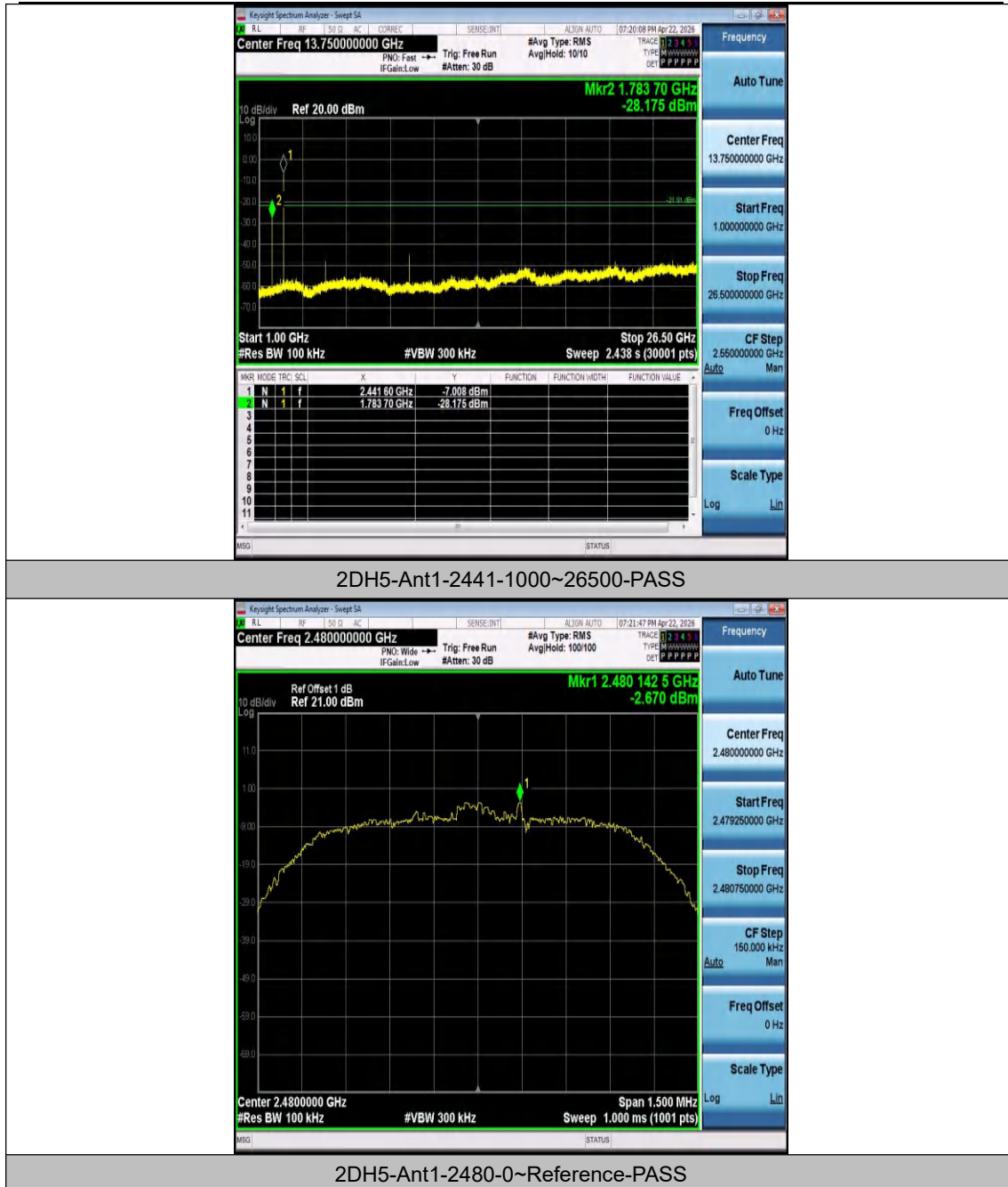
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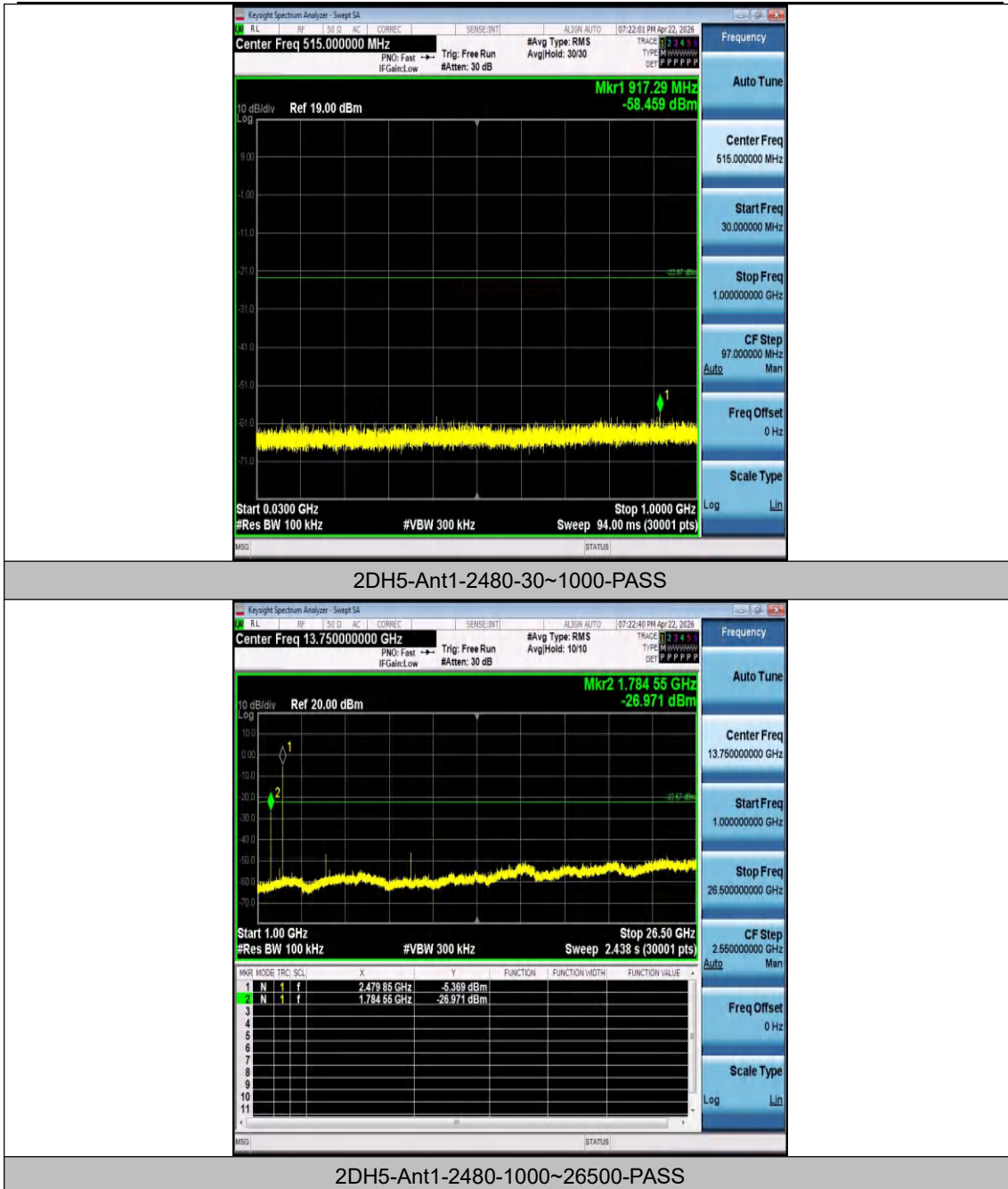
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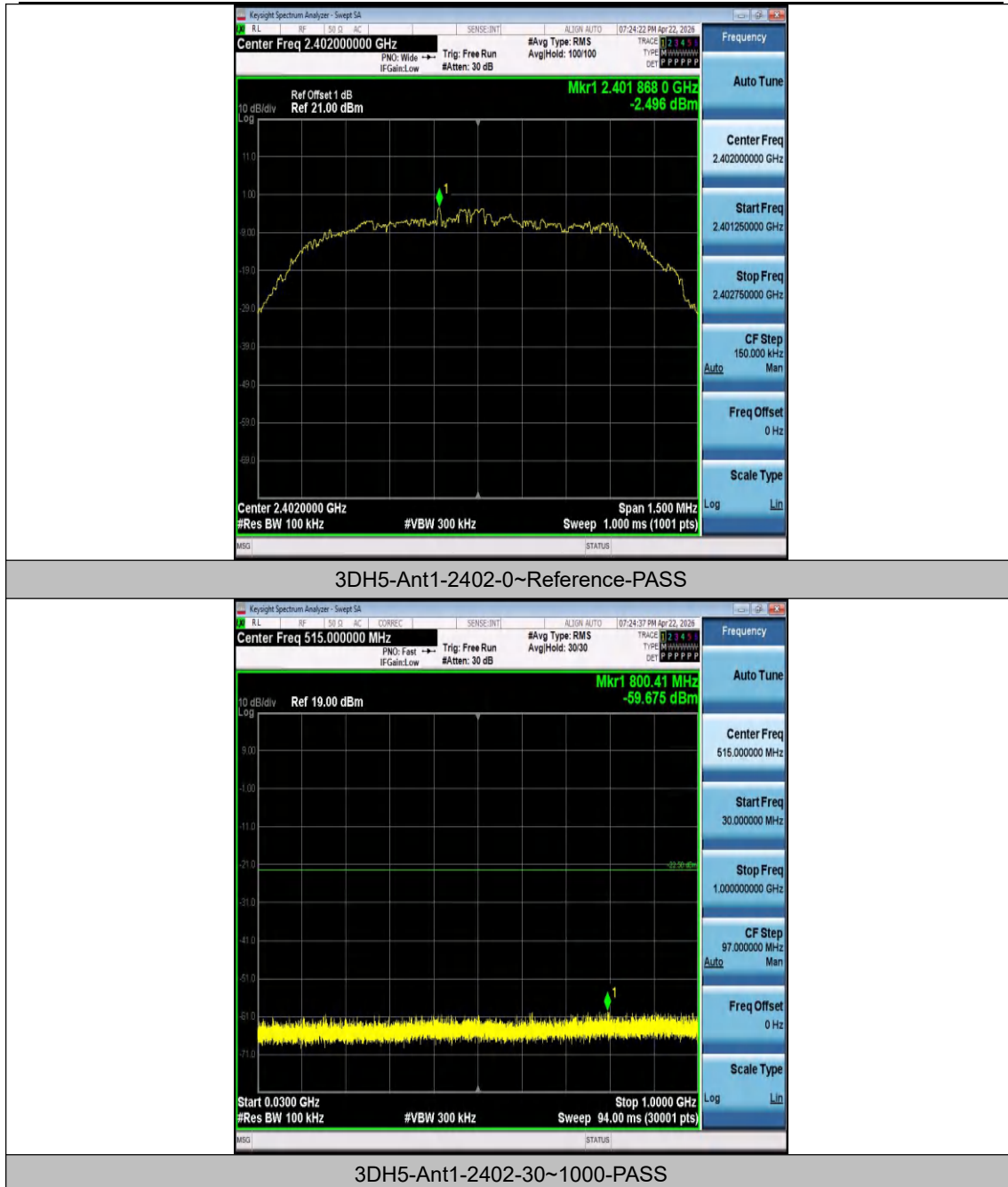
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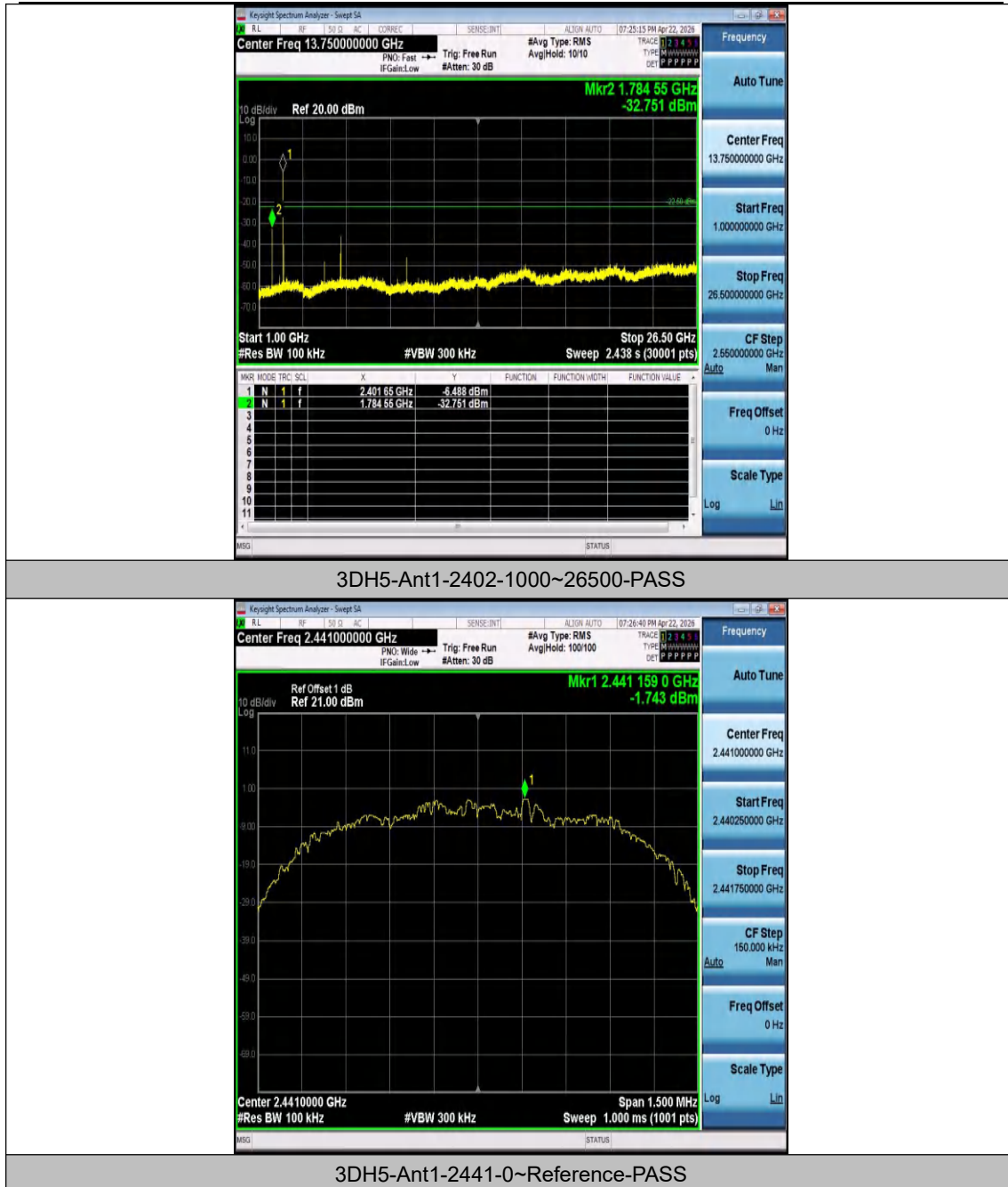
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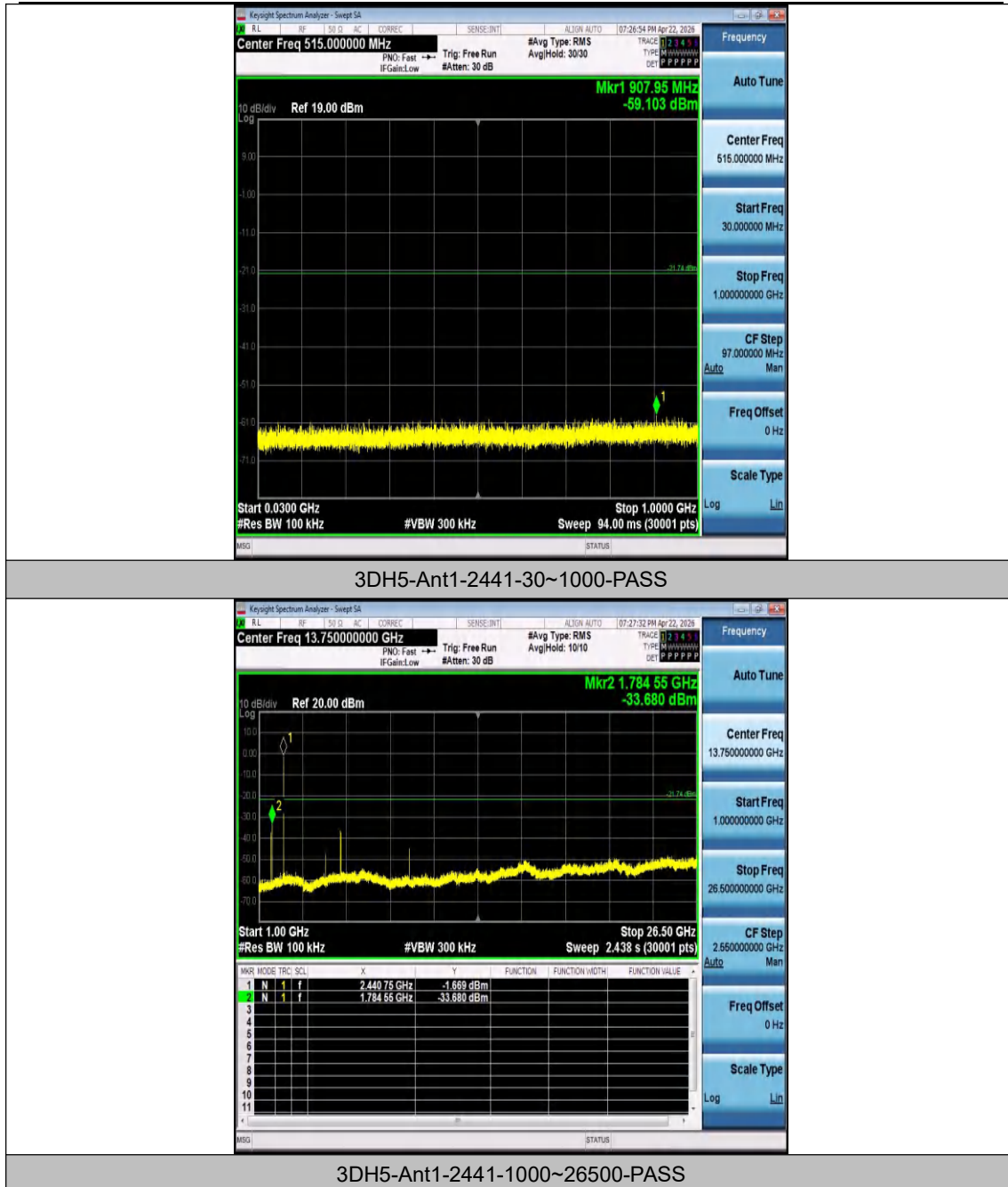
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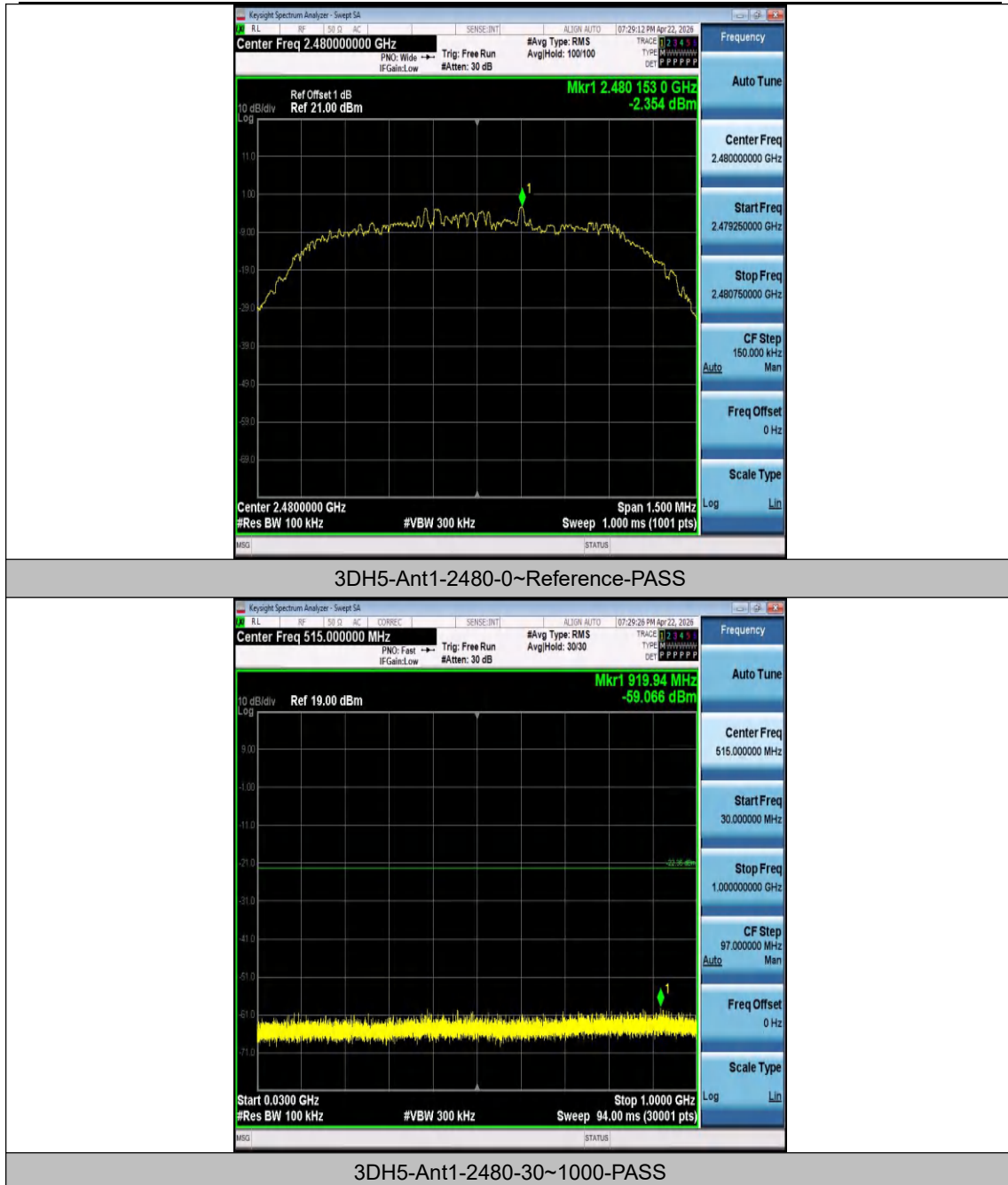
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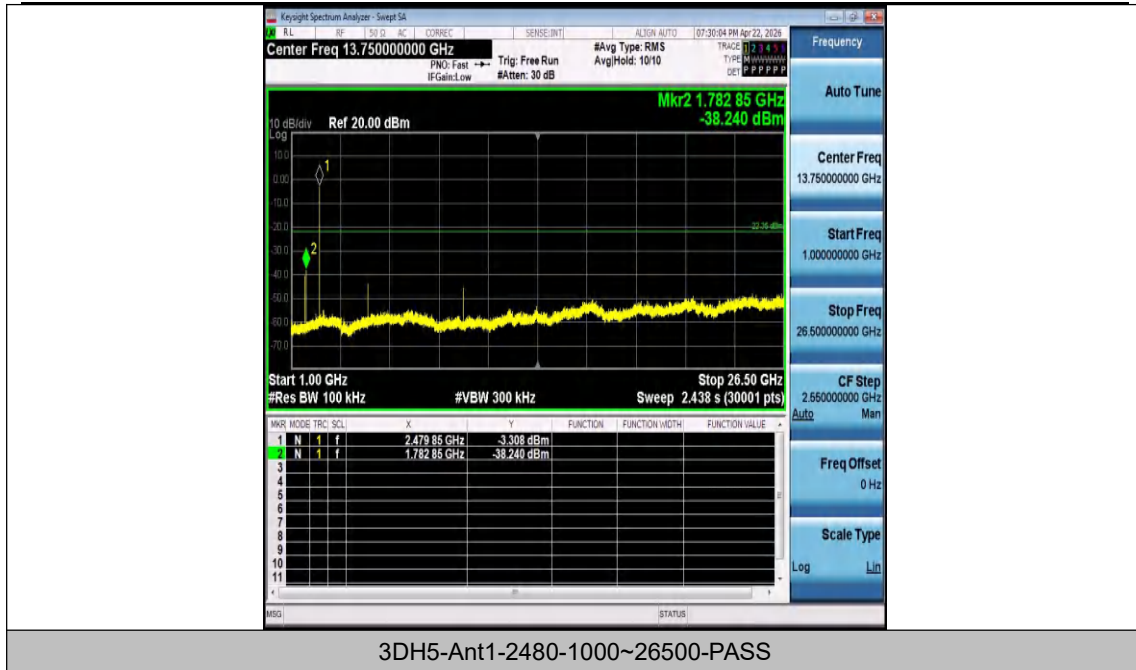
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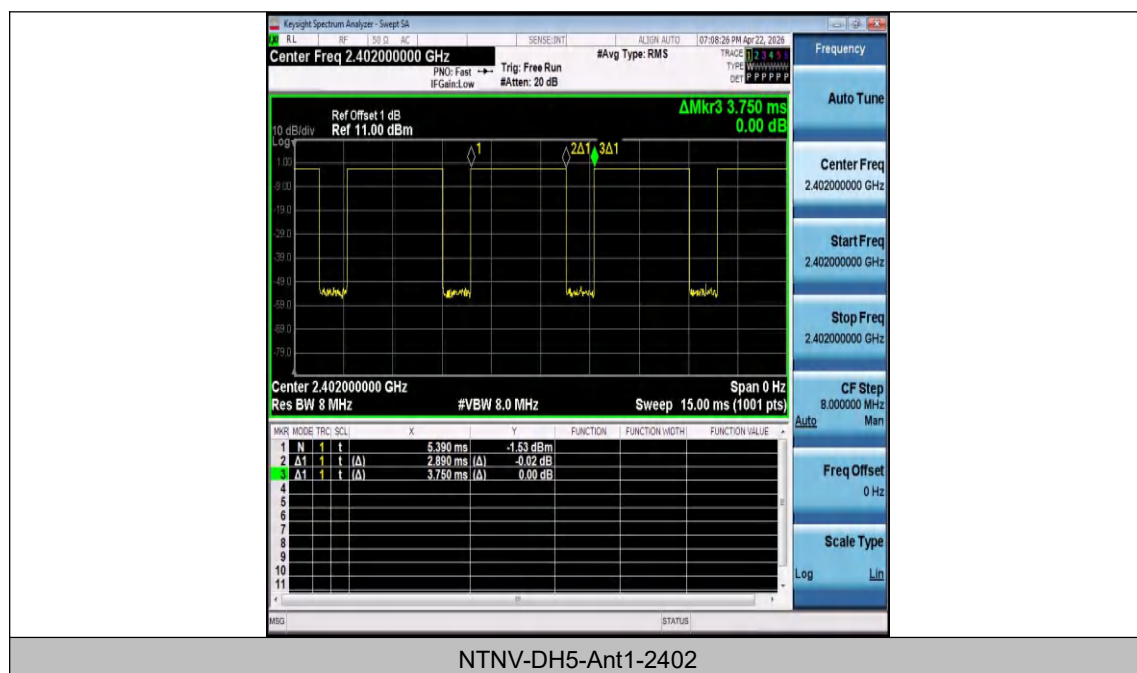
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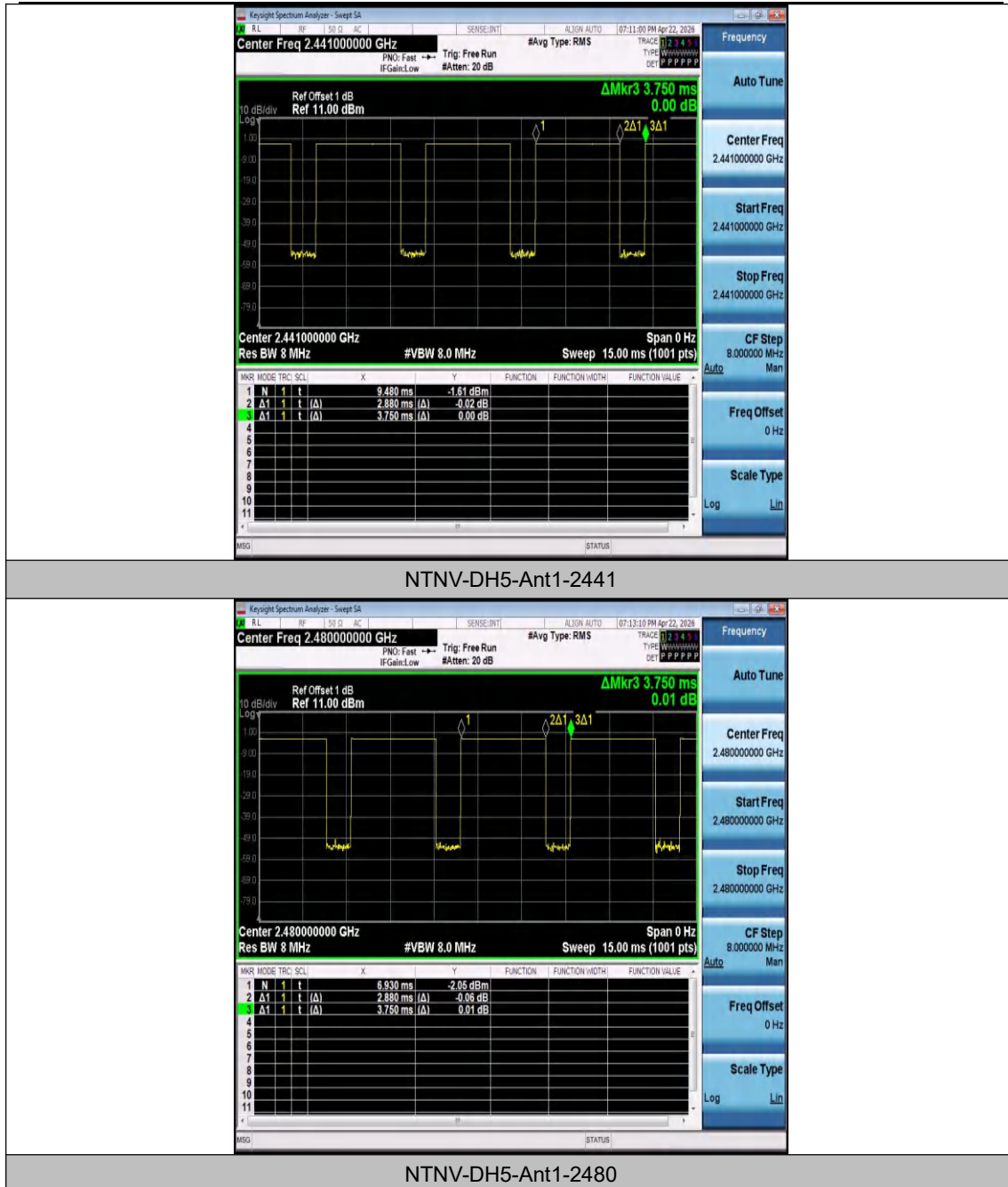
Appendix I: Duty Cycle

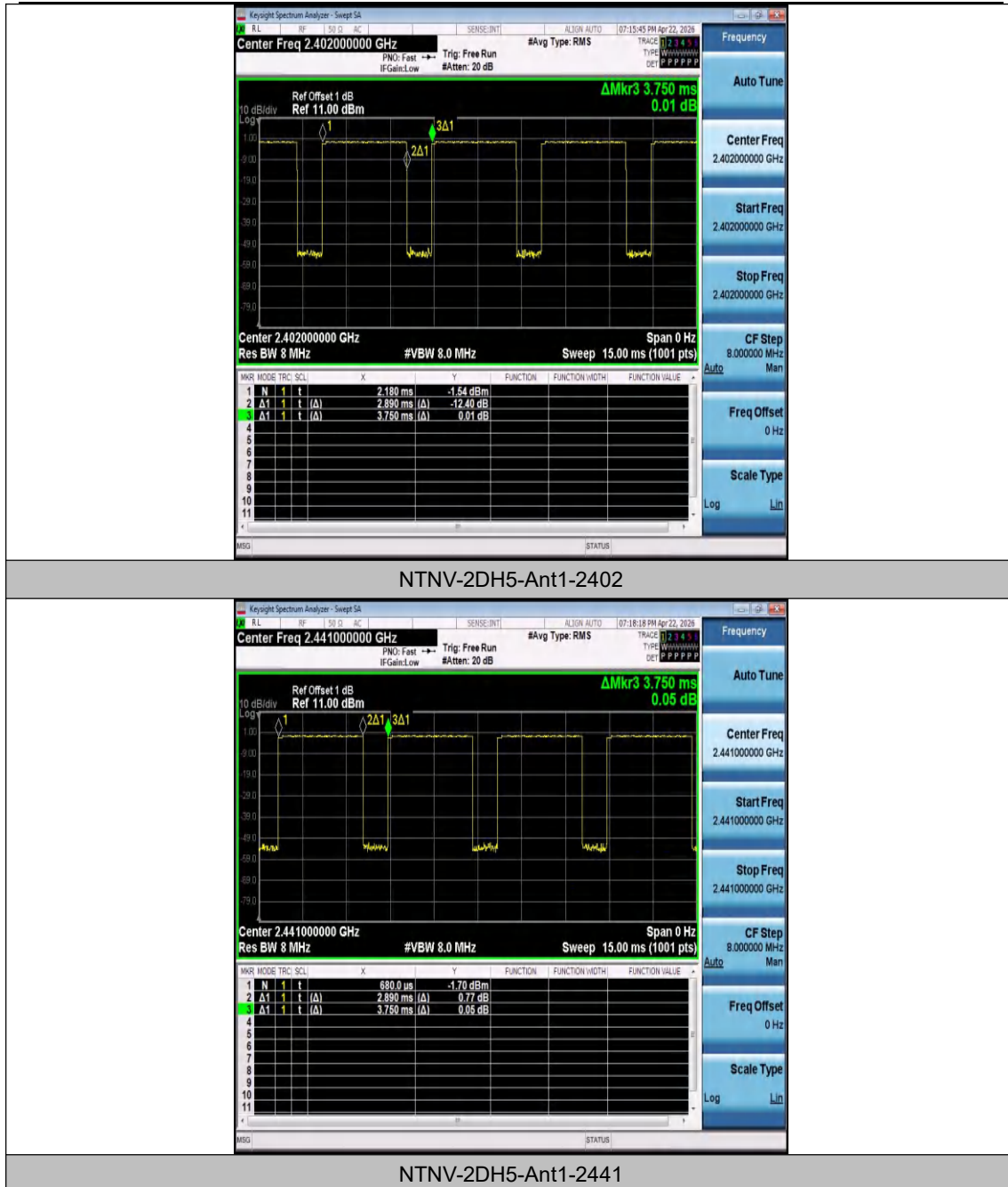
Test Result

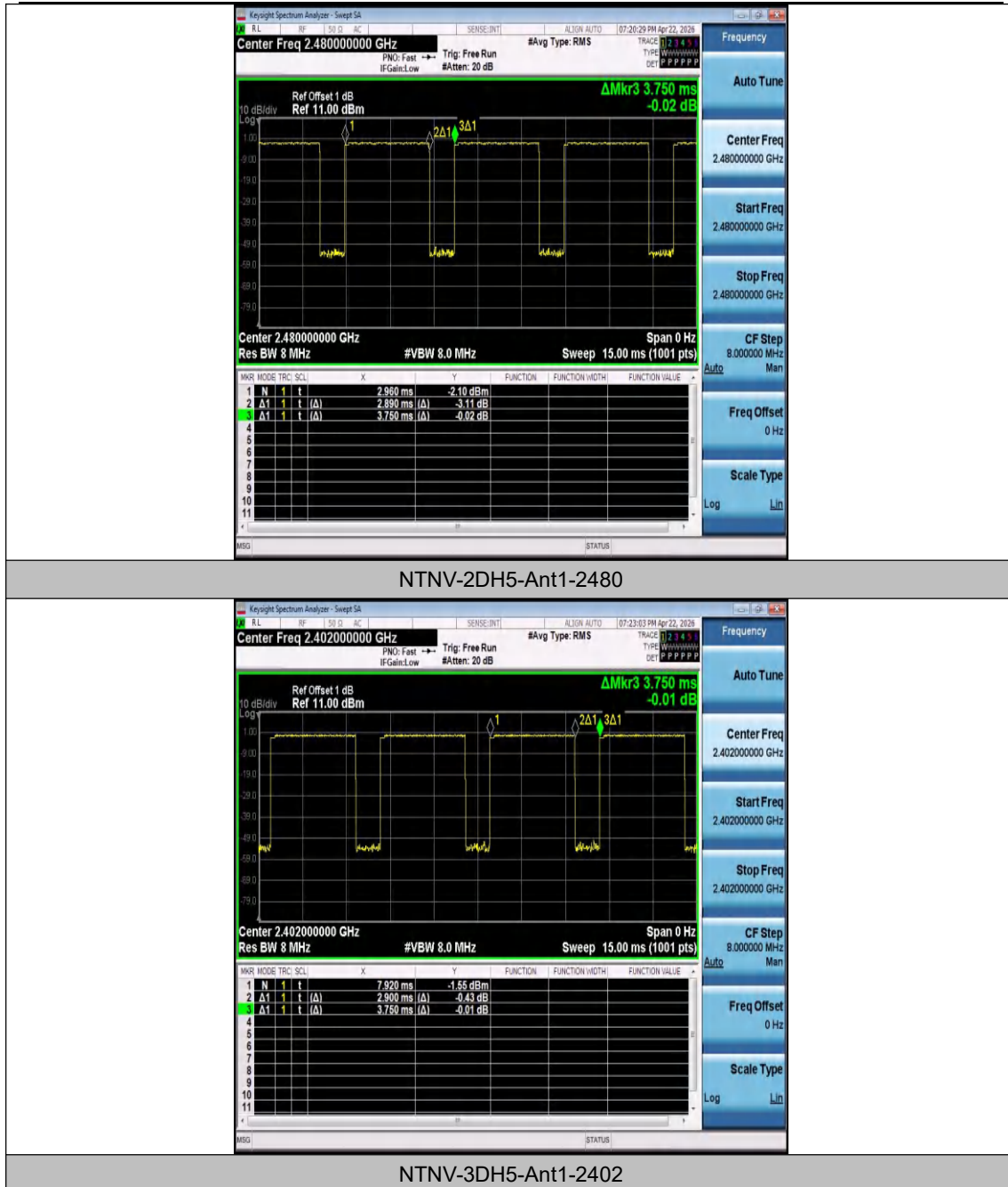
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07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

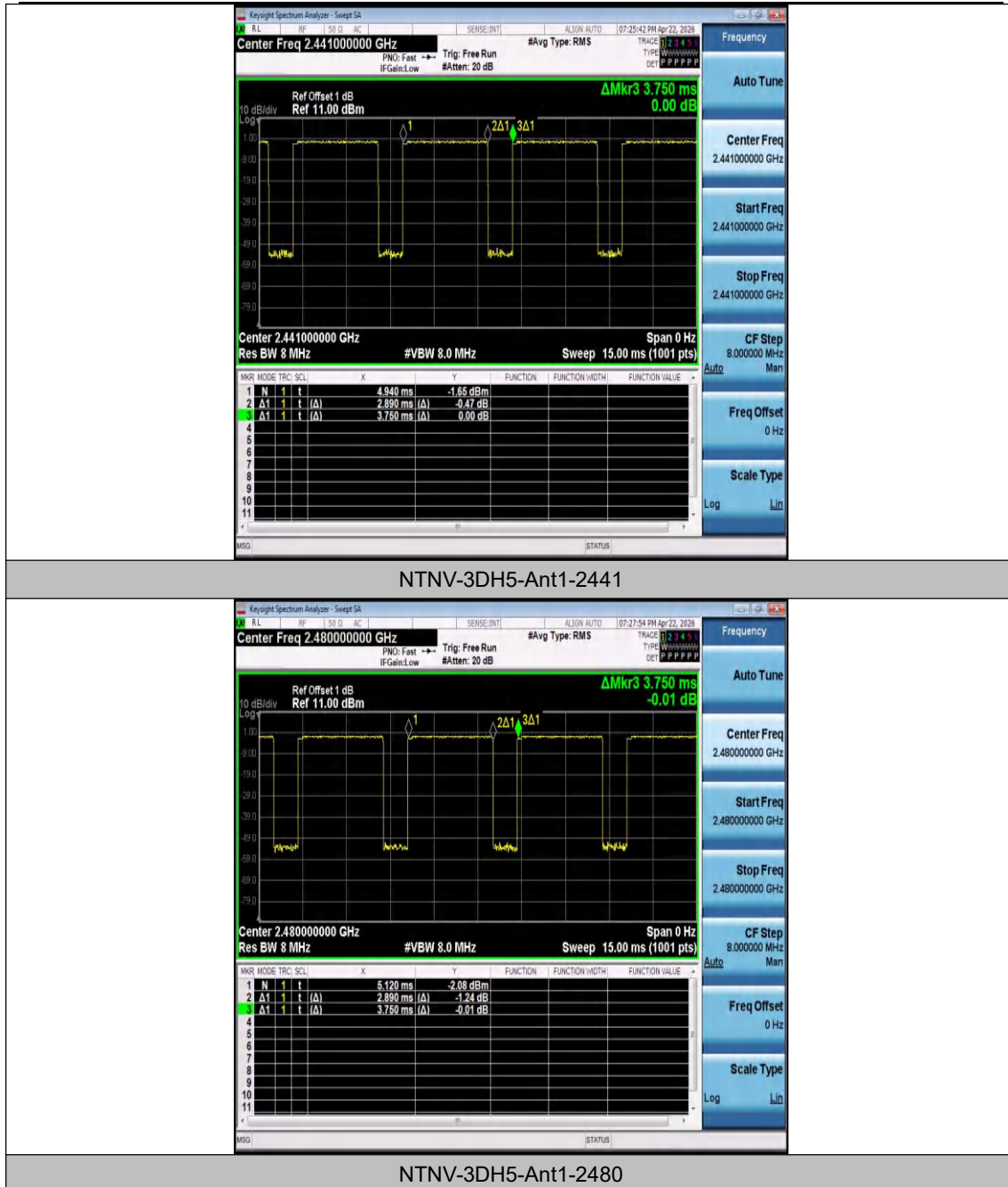
Test Graphs











---End---