

Appendix Test Data

Report No.:	1812C60385612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-8	Finish Test Date:	2026-7-14
Test Engineer:	Huise Guan	Auditor:	Justin Feng
Temperature:	27.4°C	Relative Humidity:	46%
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	0.960	2401.487	2402.447	---	---
DH5	Ant1	2441	0.951	2440.487	2441.438	---	---
DH5	Ant1	2480	0.960	2479.484	2480.444	---	---
2DH5	Ant1	2402	1.314	2401.295	2402.609	---	---
2DH5	Ant1	2441	1.272	2440.322	2441.594	---	---
2DH5	Ant1	2480	1.194	2479.349	2480.543	---	---
3DH5	Ant1	2402	1.203	2401.367	2402.570	---	---
3DH5	Ant1	2441	1.197	2440.367	2441.564	---	---
3DH5	Ant1	2480	1.263	2479.310	2480.573	---	---

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	0.87486	2401.5166	2402.3914	---	---
DH5	Ant1	2441	0.86662	2440.5175	2441.3841	---	---
DH5	Ant1	2480	0.86808	2479.5157	2480.3838	---	---
2DH5	Ant1	2402	1.1533	2401.3753	2402.5286	---	---
2DH5	Ant1	2441	1.1495	2440.3753	2441.5248	---	---
2DH5	Ant1	2480	1.1520	2479.3709	2480.5229	---	---
3DH5	Ant1	2402	1.1467	2401.3840	2402.5307	---	---
3DH5	Ant1	2441	1.1509	2440.3822	2441.5331	---	---
3DH5	Ant1	2480	1.1511	2479.3784	2480.5295	---	---

Test Graphs



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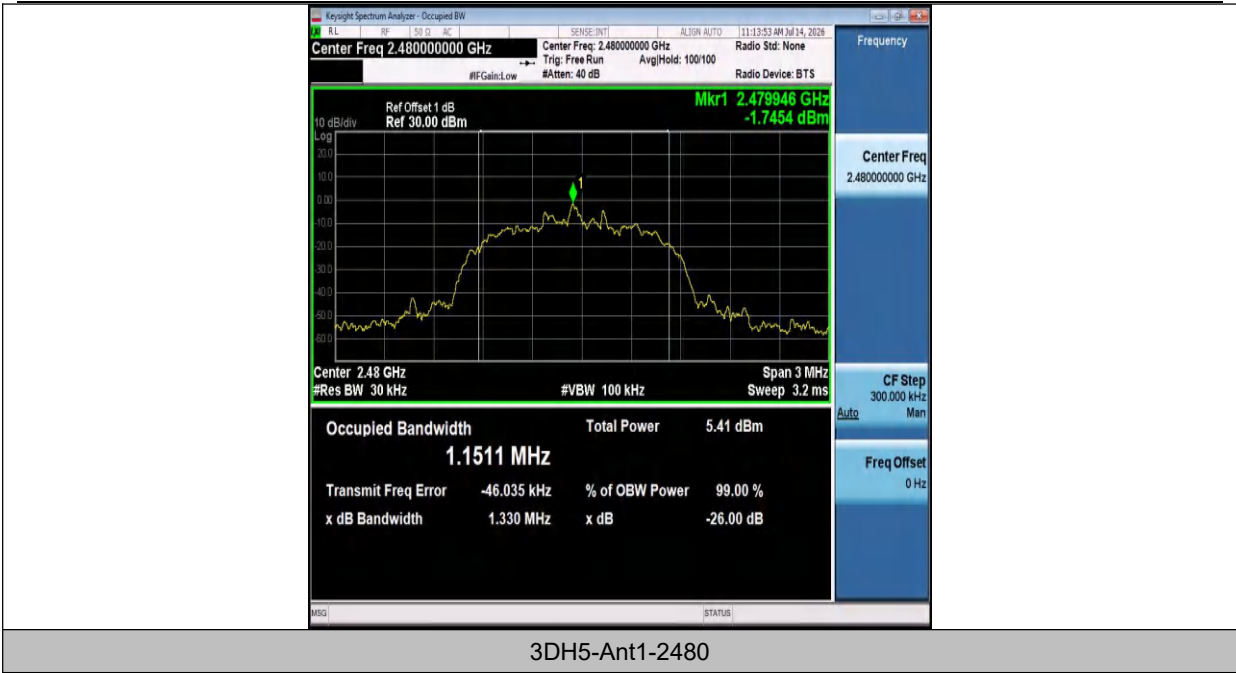
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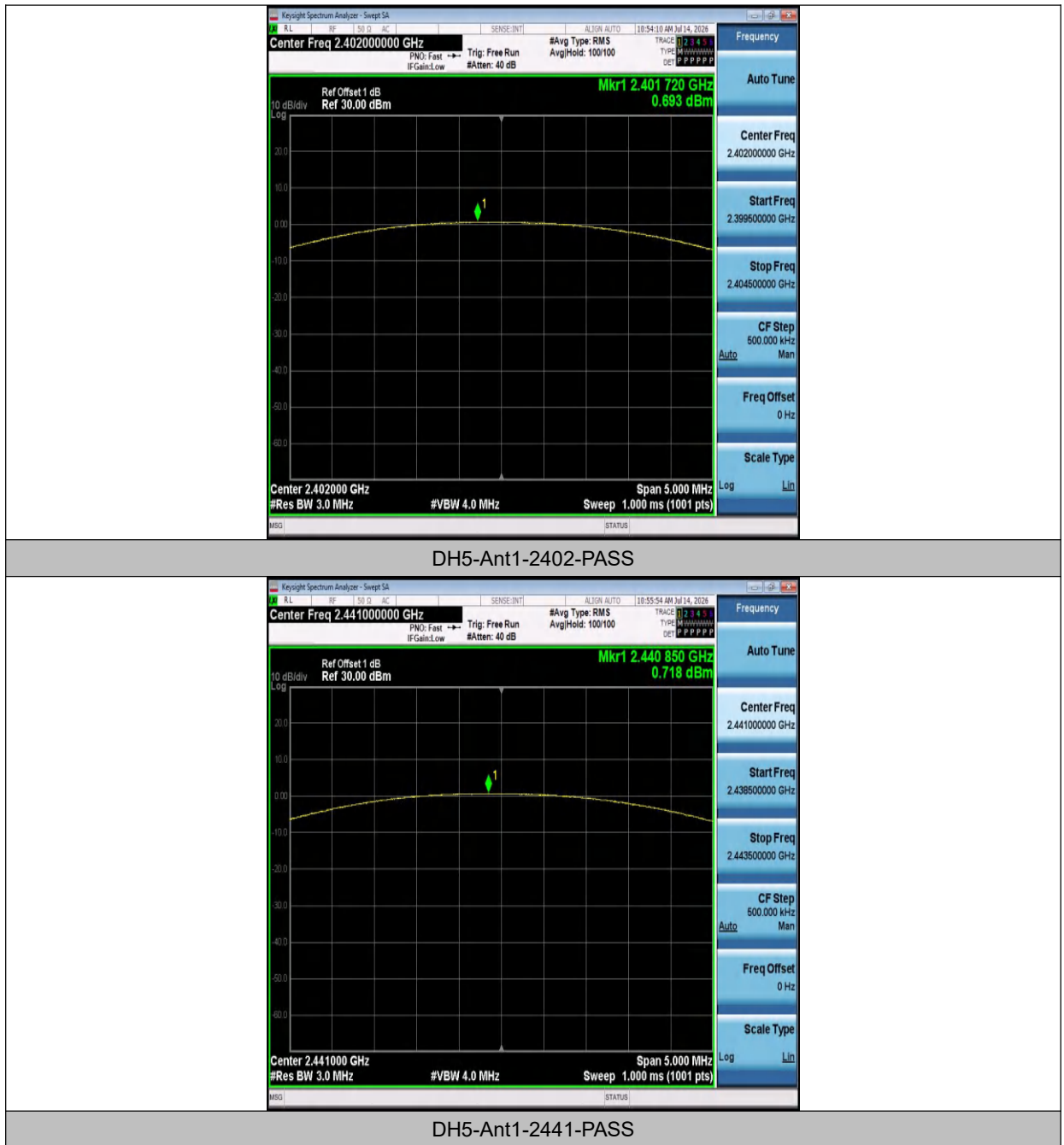
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.69	≤20.97	PASS
DH5	Ant1	2441	0.72	≤20.97	PASS
DH5	Ant1	2480	0.46	≤20.97	PASS
2DH5	Ant1	2402	0.41	≤20.97	PASS
2DH5	Ant1	2441	0.63	≤20.97	PASS
2DH5	Ant1	2480	0.40	≤20.97	PASS
3DH5	Ant1	2402	0.61	≤20.97	PASS
3DH5	Ant1	2441	0.64	≤20.97	PASS
3DH5	Ant1	2480	0.32	≤20.97	PASS

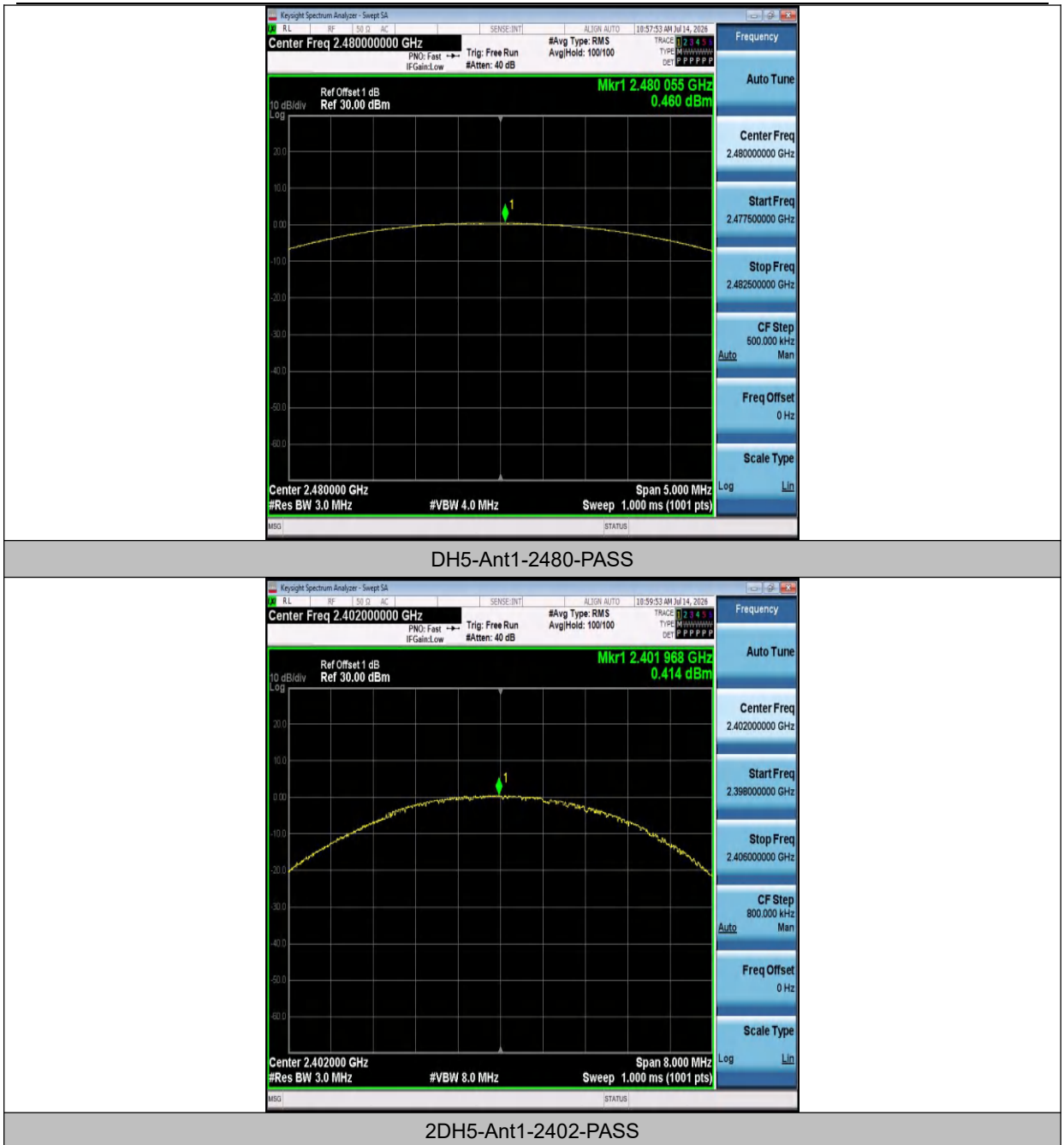
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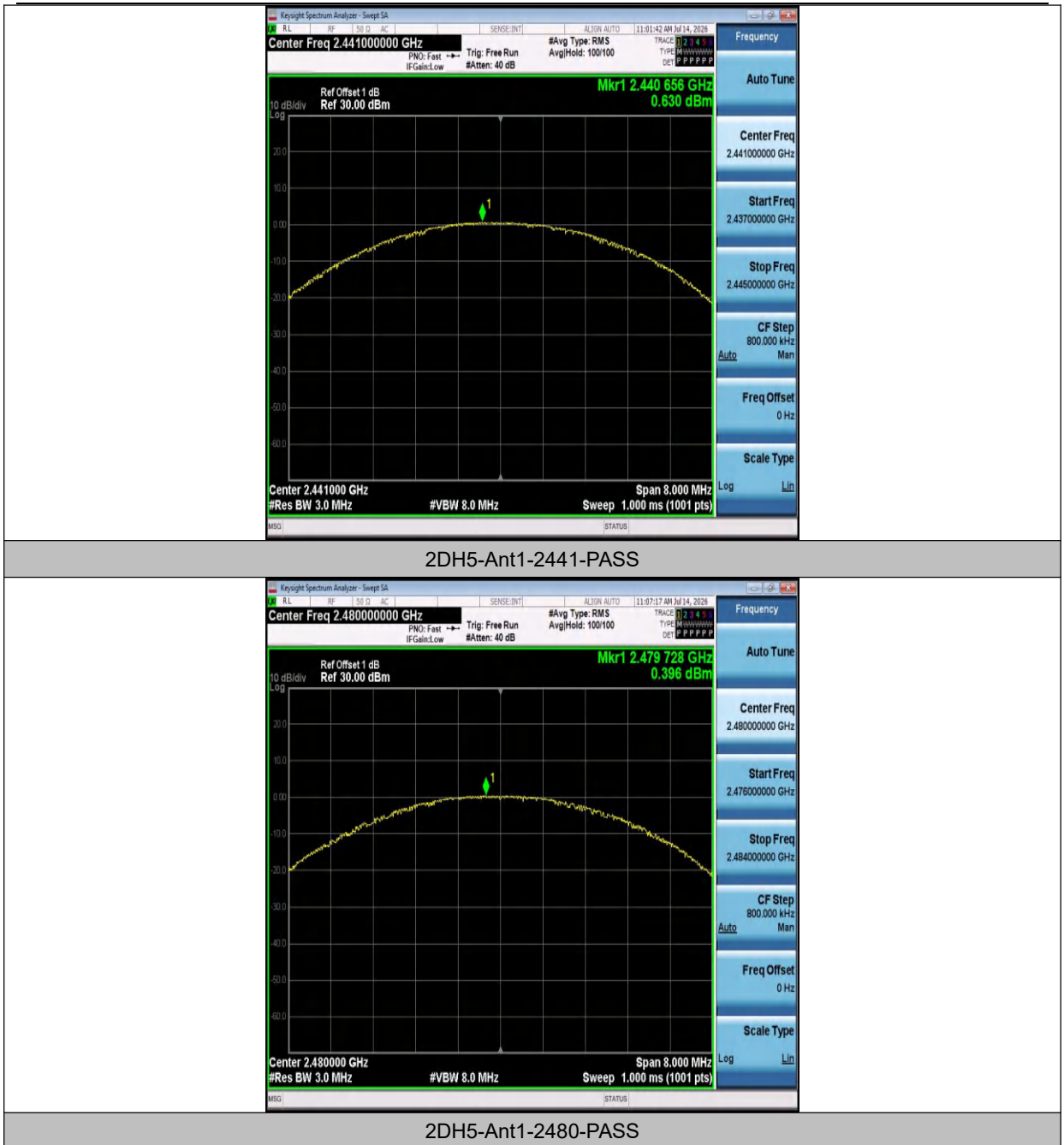
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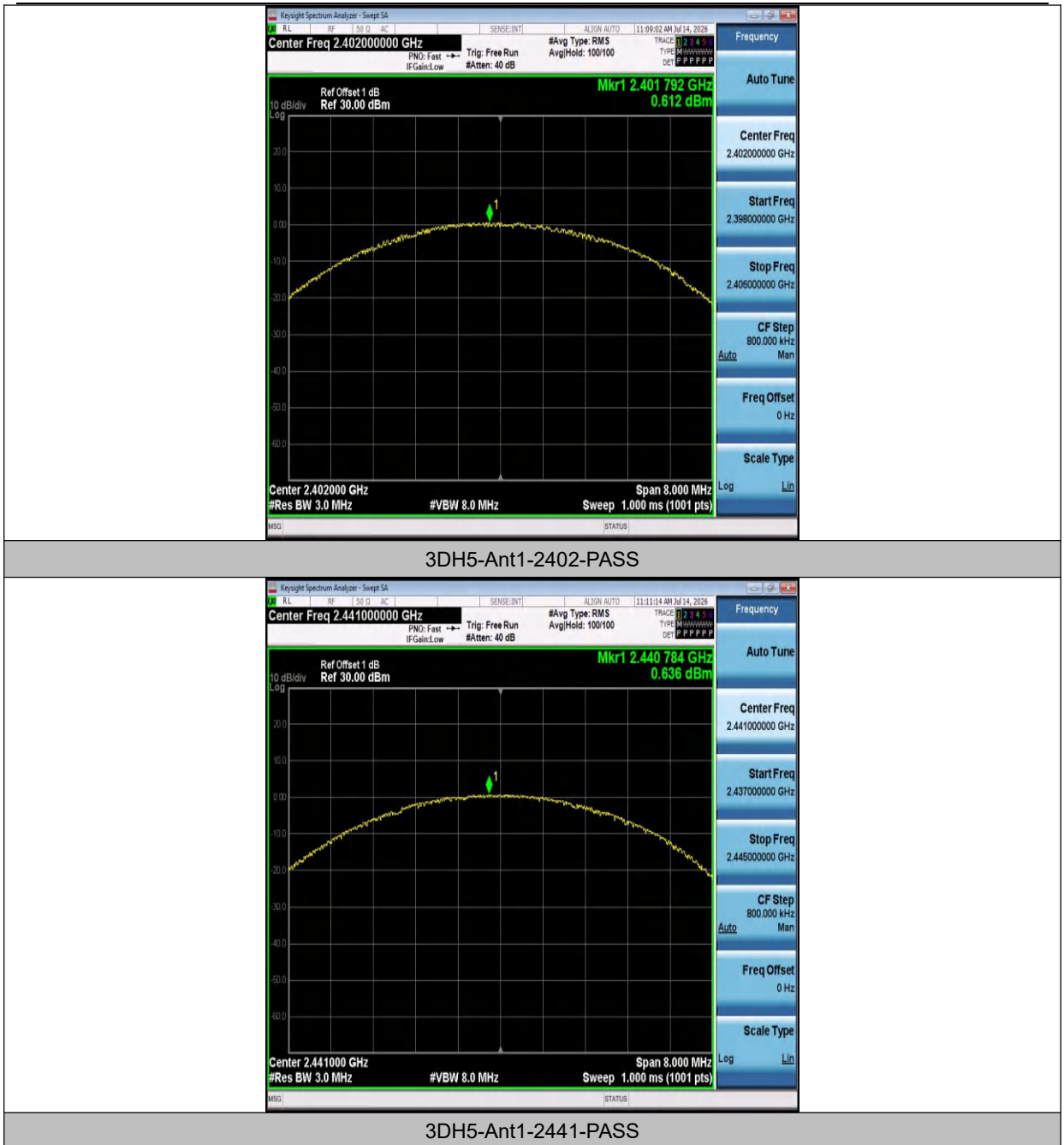
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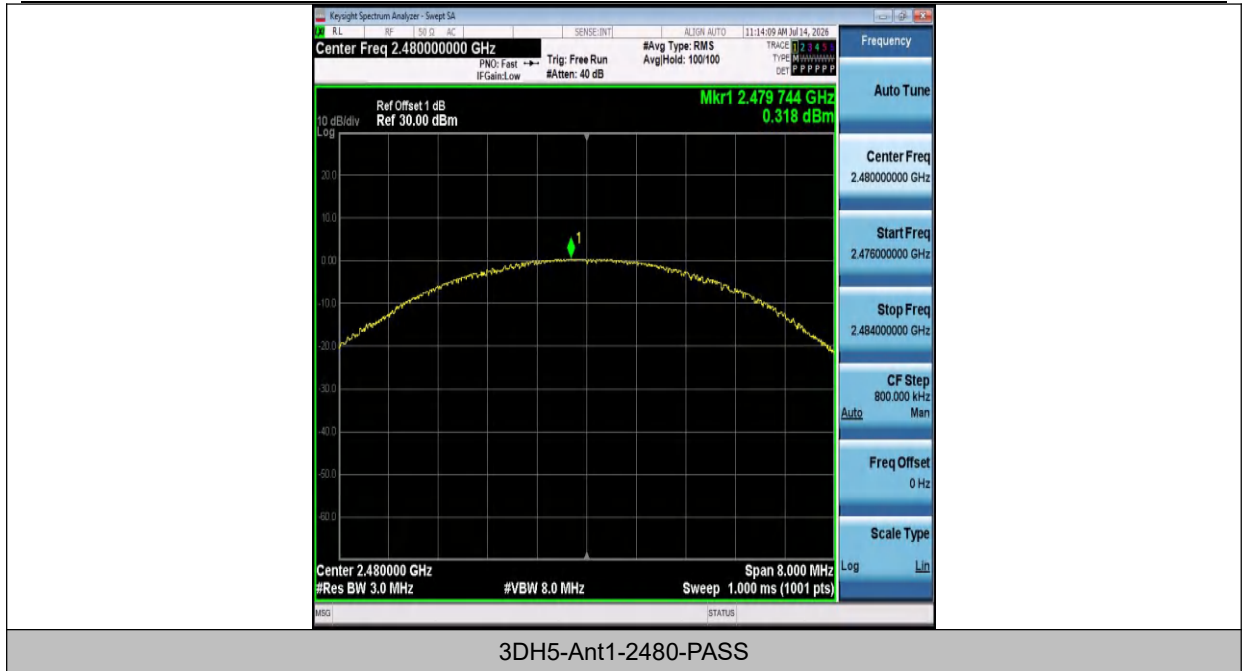
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.640	PASS
2DH5	Ant1	Hop	0.976	≥ 0.876	PASS
3DH5	Ant1	Hop	1.02	≥ 0.842	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.

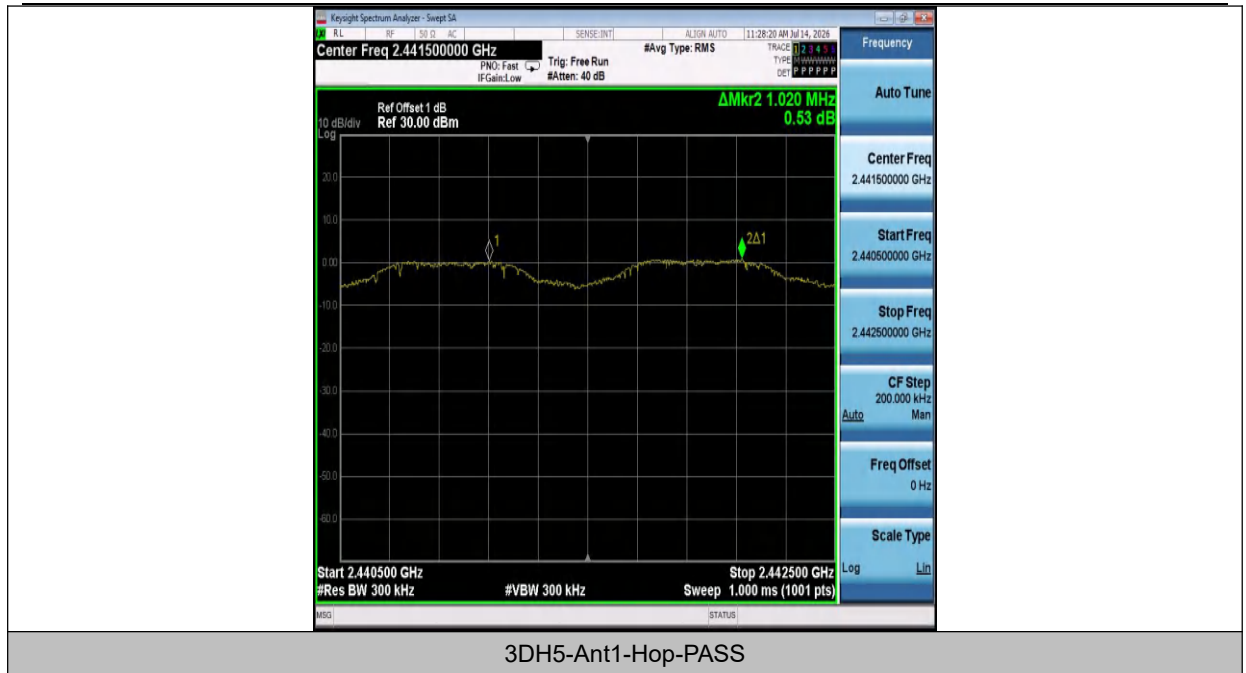
Test Graphs



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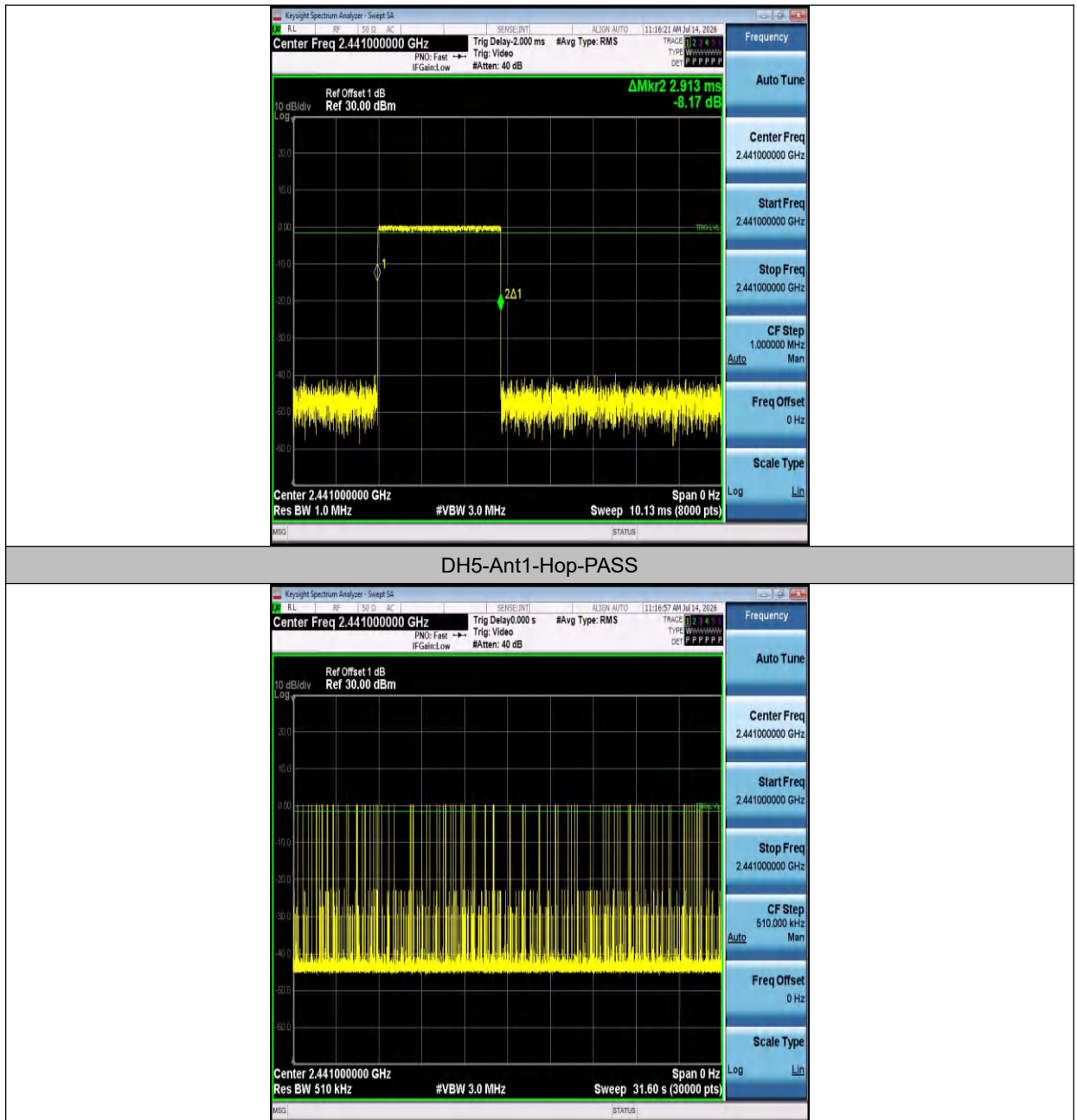
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.913	103	0.3	≤0.4	PASS
2DH5	Ant1	Hop	2.920	105	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.920	113	0.33	≤0.4	PASS

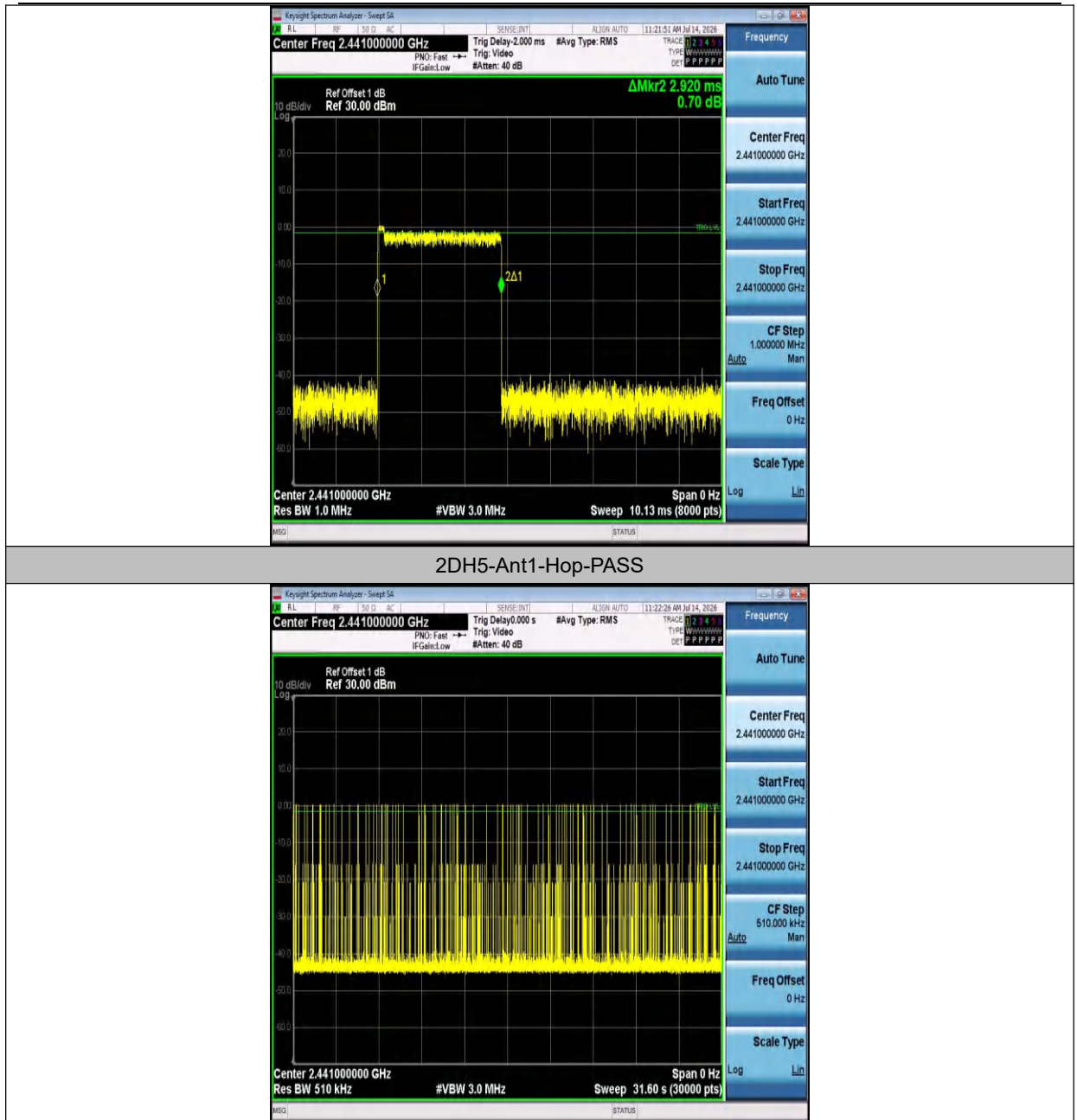
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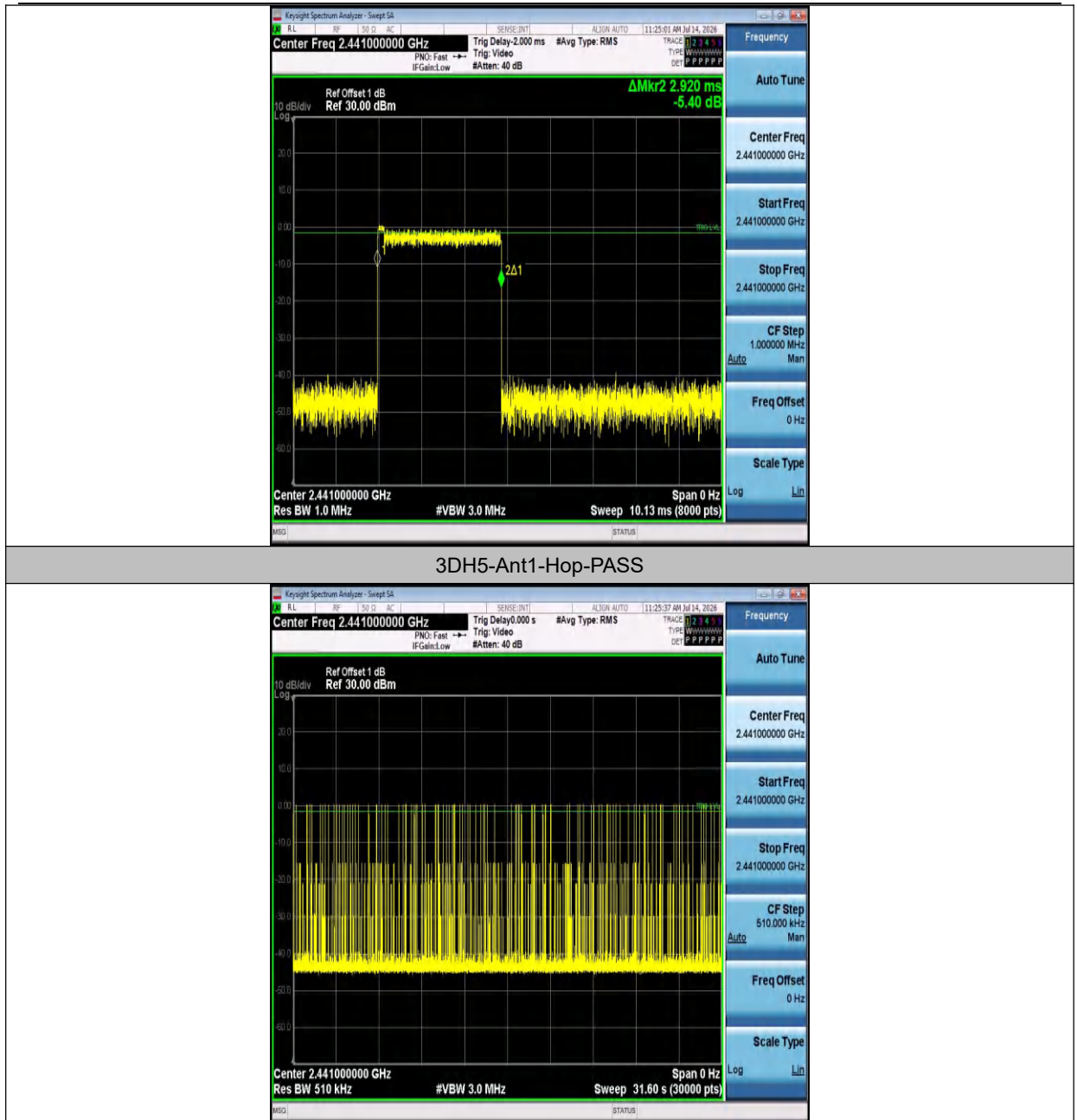
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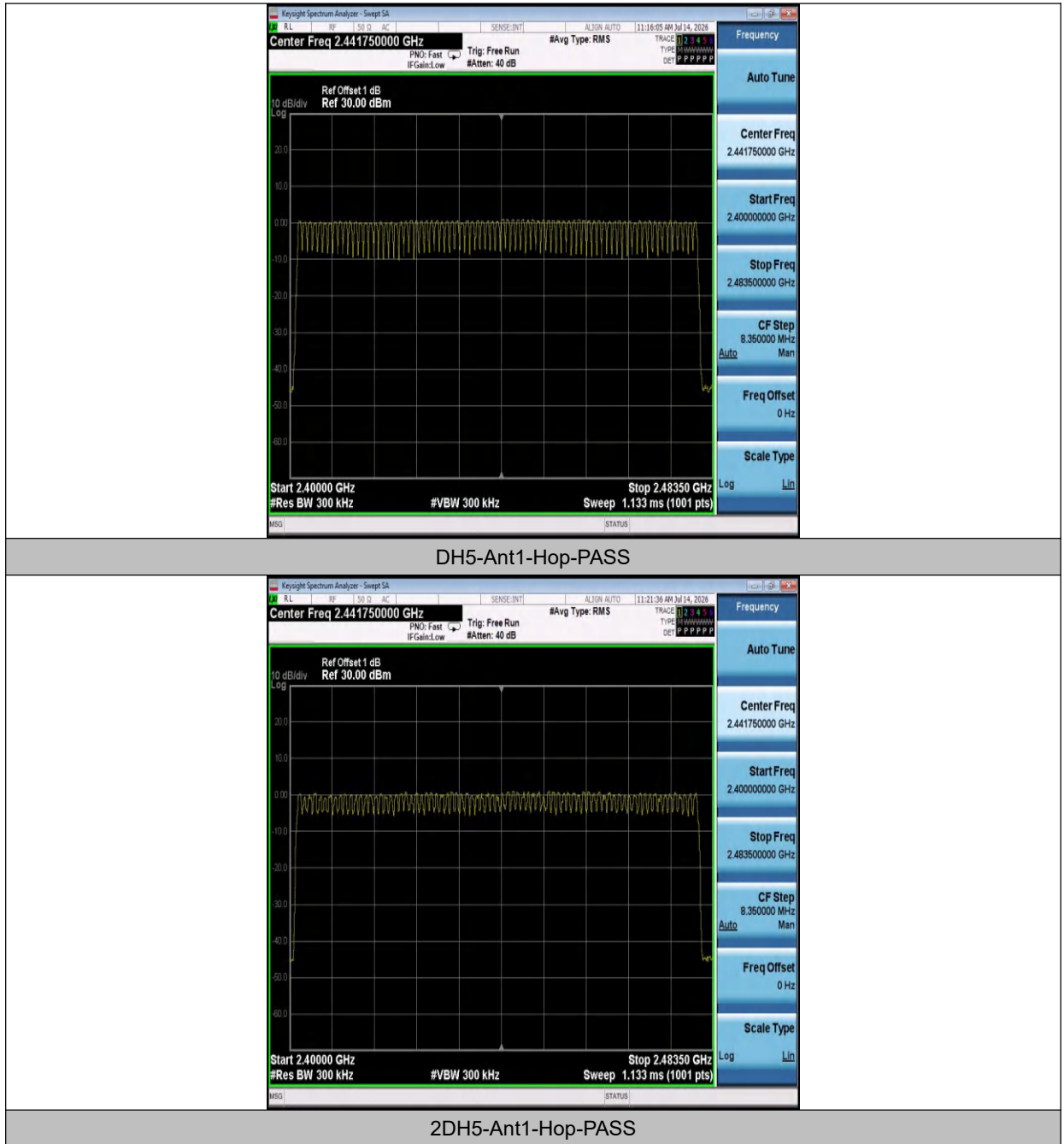
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Appendix F: Number of Hopping Channel

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

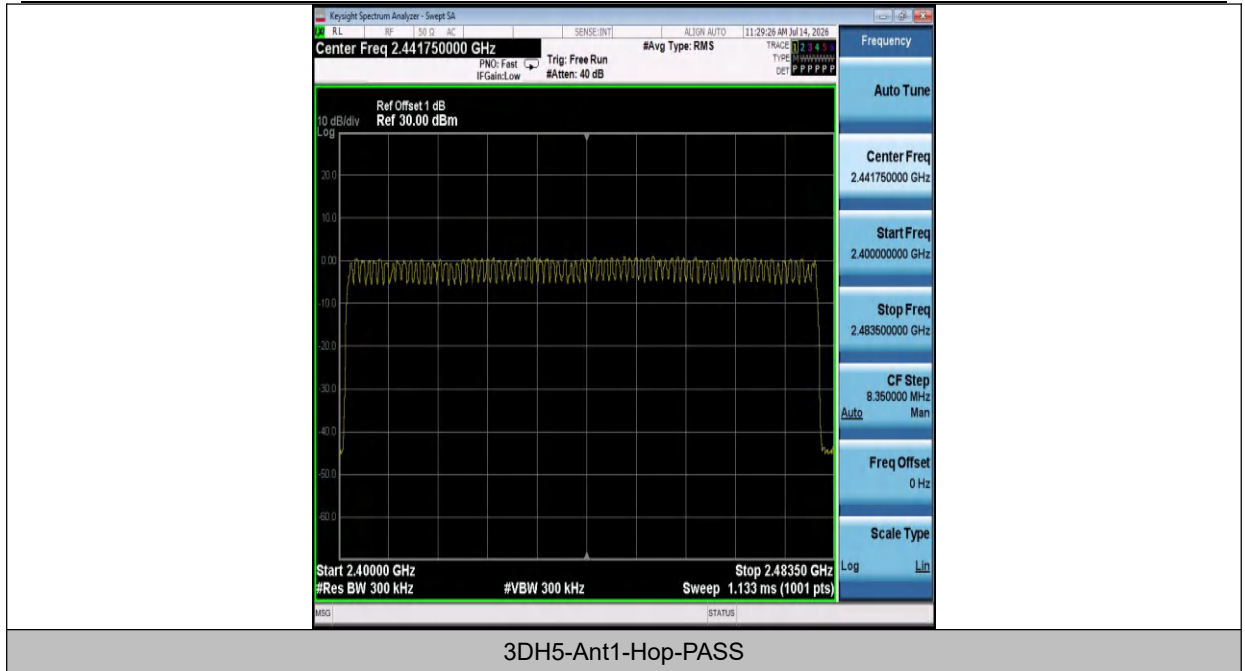
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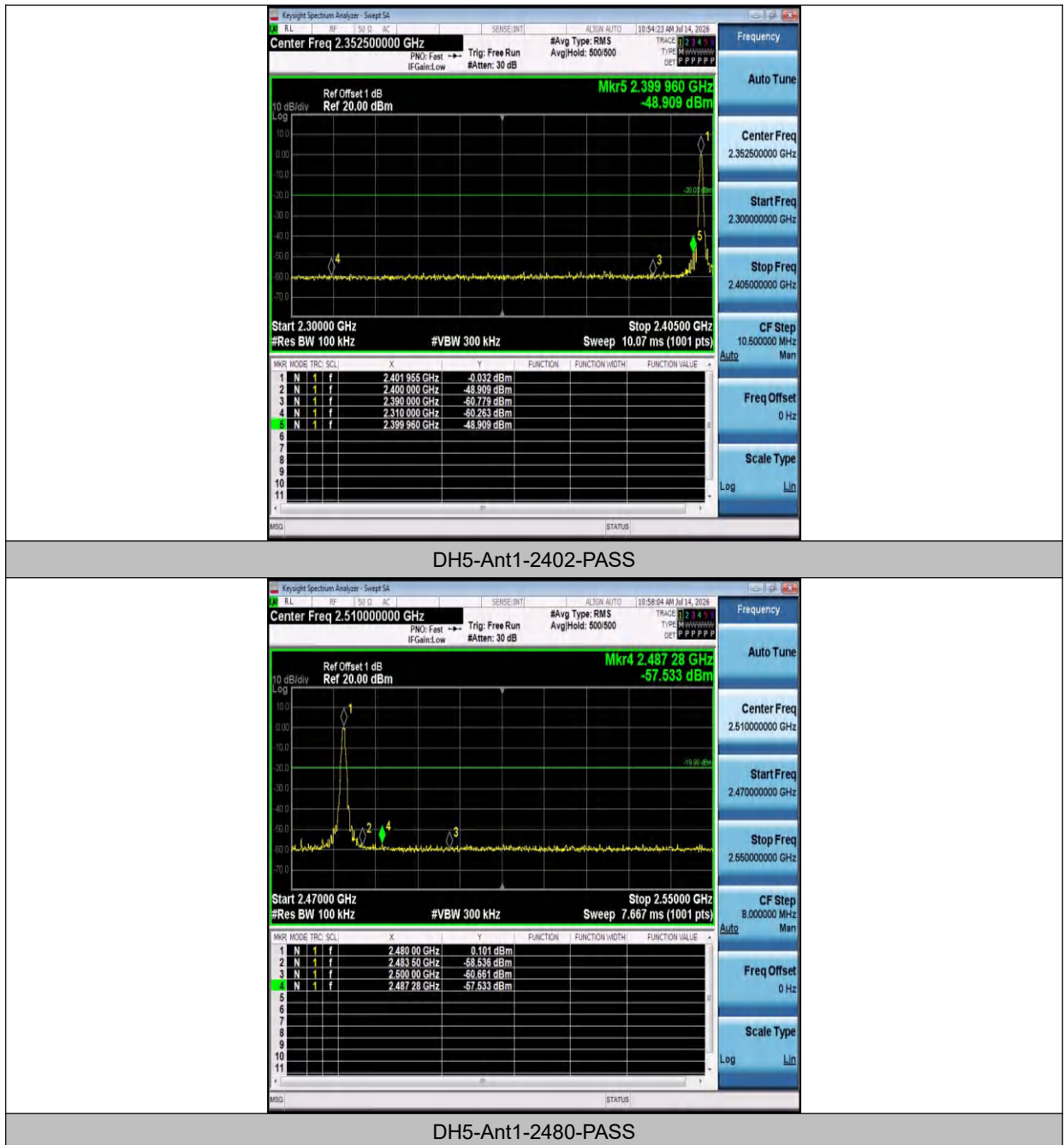
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.03	-48.91	≤ -20.03	PASS
DH5	Ant1	High	2480	0.10	-57.53	≤ -19.9	PASS
DH5	Ant1	Low	Hop_2402	-0.42	-56.05	≤ -20.42	PASS
DH5	Ant1	High	Hop_2480	-0.67	-55.01	≤ -20.67	PASS
2DH5	Ant1	Low	2402	-0.28	-54.13	≤ -20.28	PASS
2DH5	Ant1	High	2480	-0.23	-56.93	≤ -20.23	PASS
2DH5	Ant1	Low	Hop_2402	-0.71	-57.95	≤ -20.71	PASS
2DH5	Ant1	High	Hop_2480	-1.44	-55.1	≤ -21.44	PASS
3DH5	Ant1	Low	2402	-0.07	-54.18	≤ -20.07	PASS
3DH5	Ant1	High	2480	-0.29	-56.81	≤ -20.29	PASS
3DH5	Ant1	Low	Hop_2402	-3.90	-56.94	≤ -23.9	PASS
3DH5	Ant1	High	Hop_2480	-1.05	-57.1	≤ -21.05	PASS

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

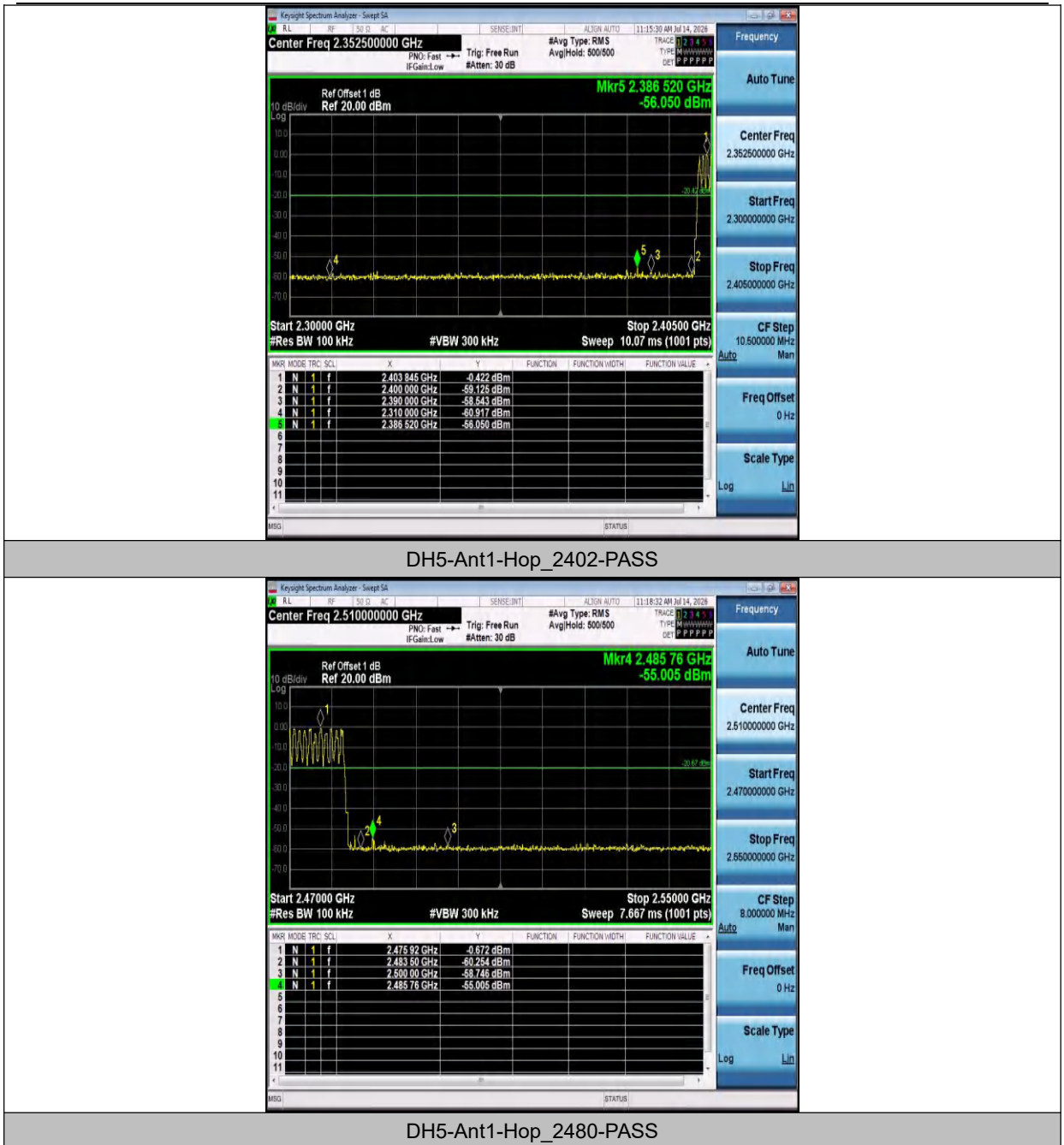
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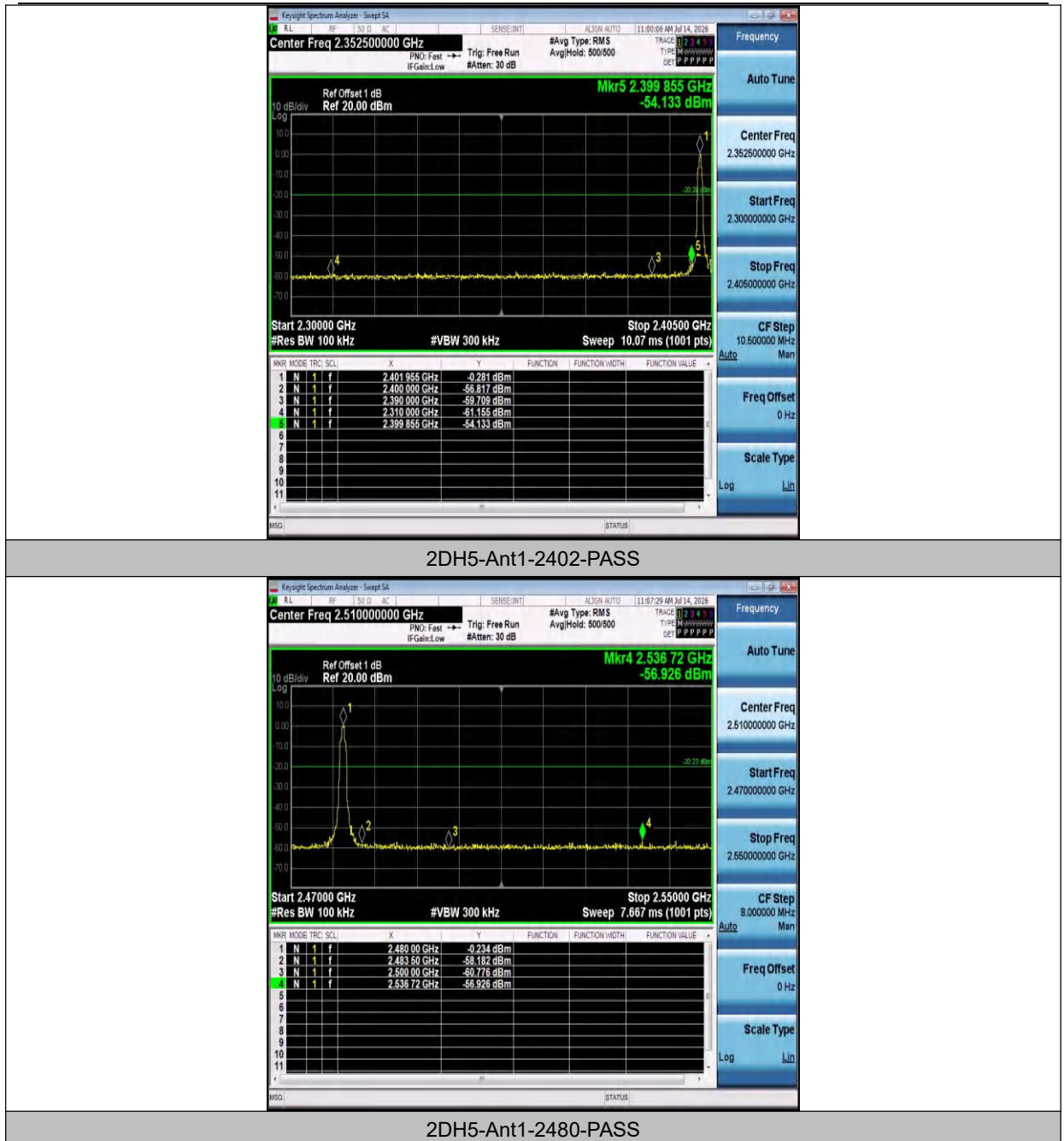


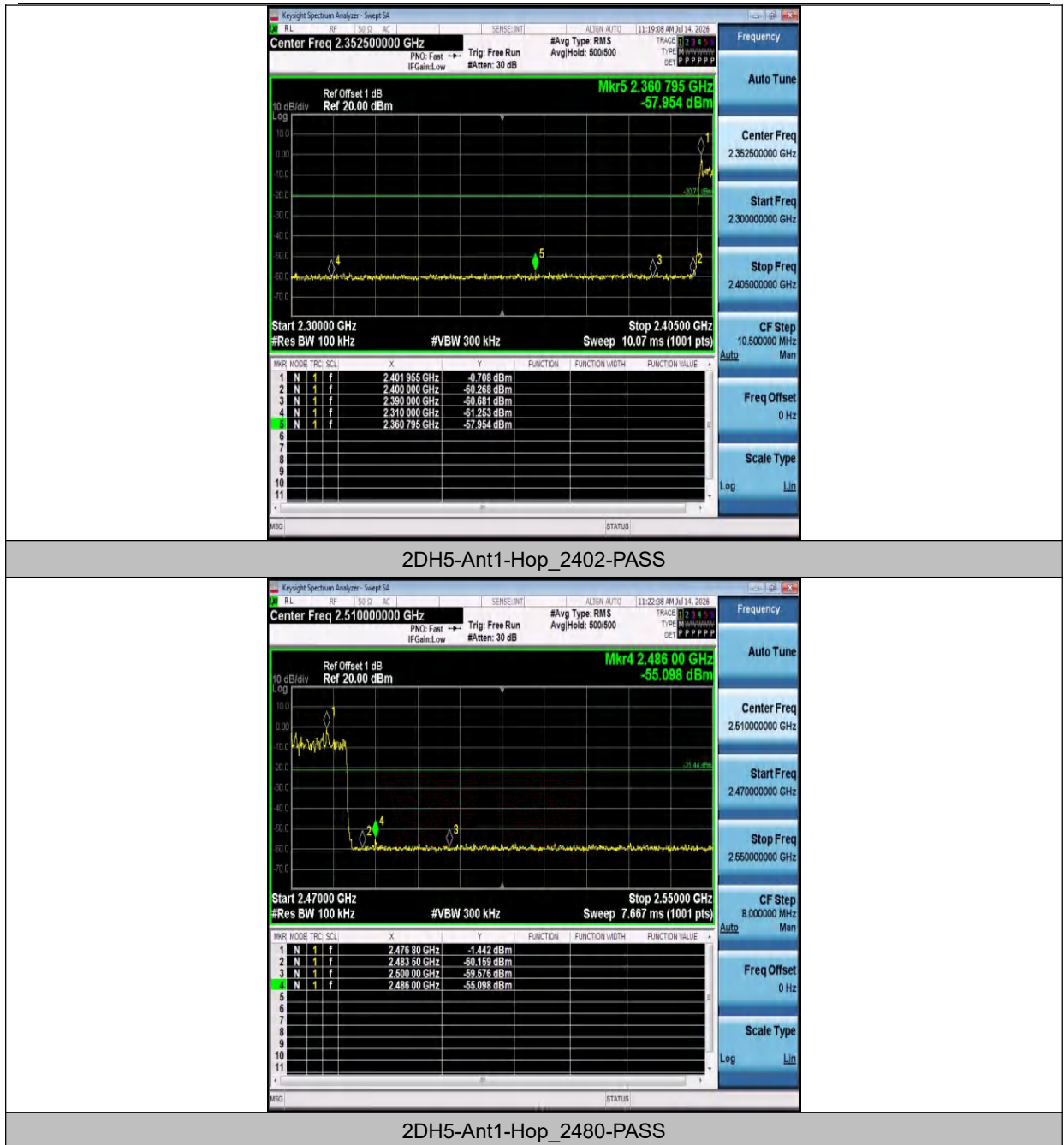
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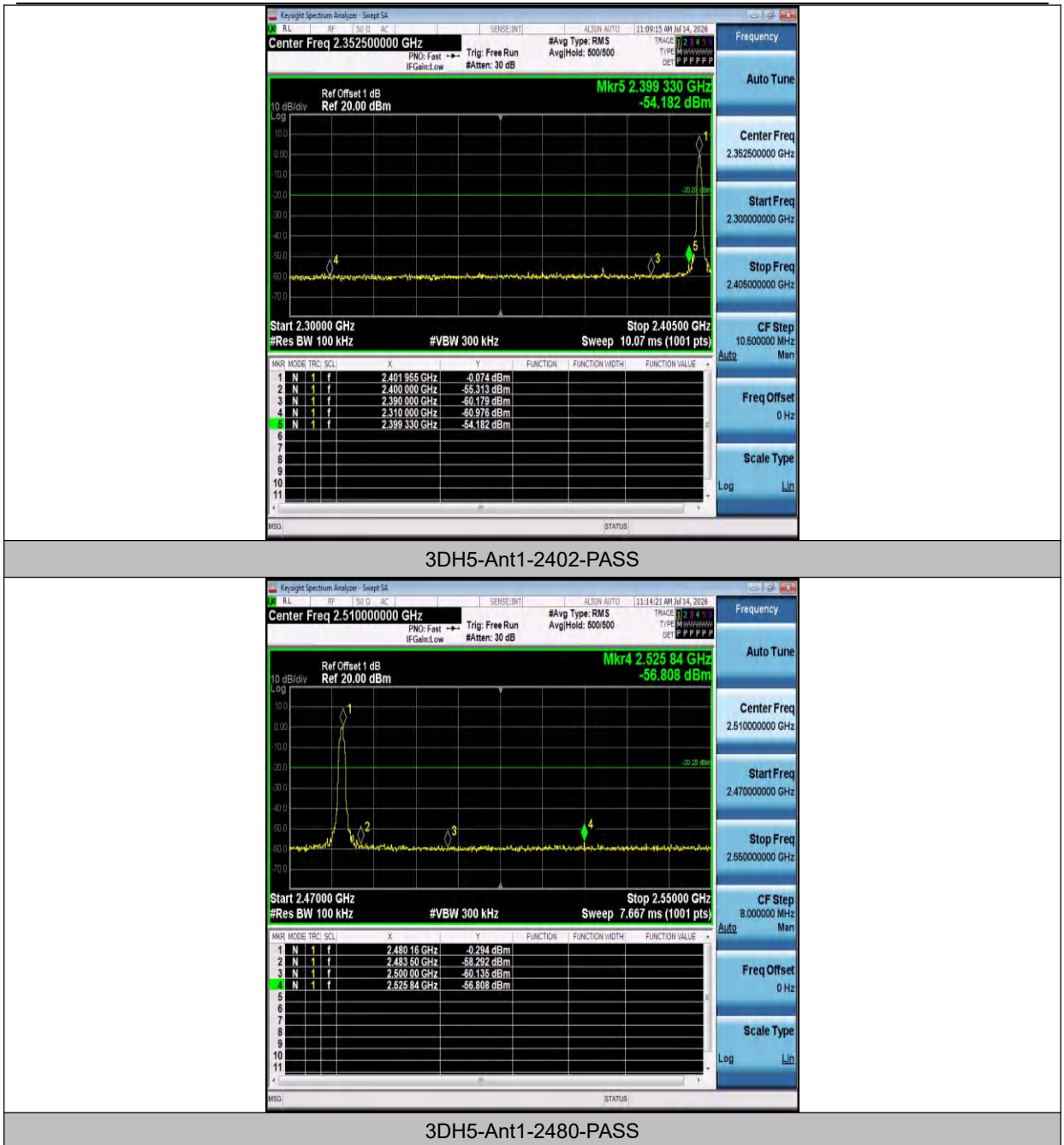
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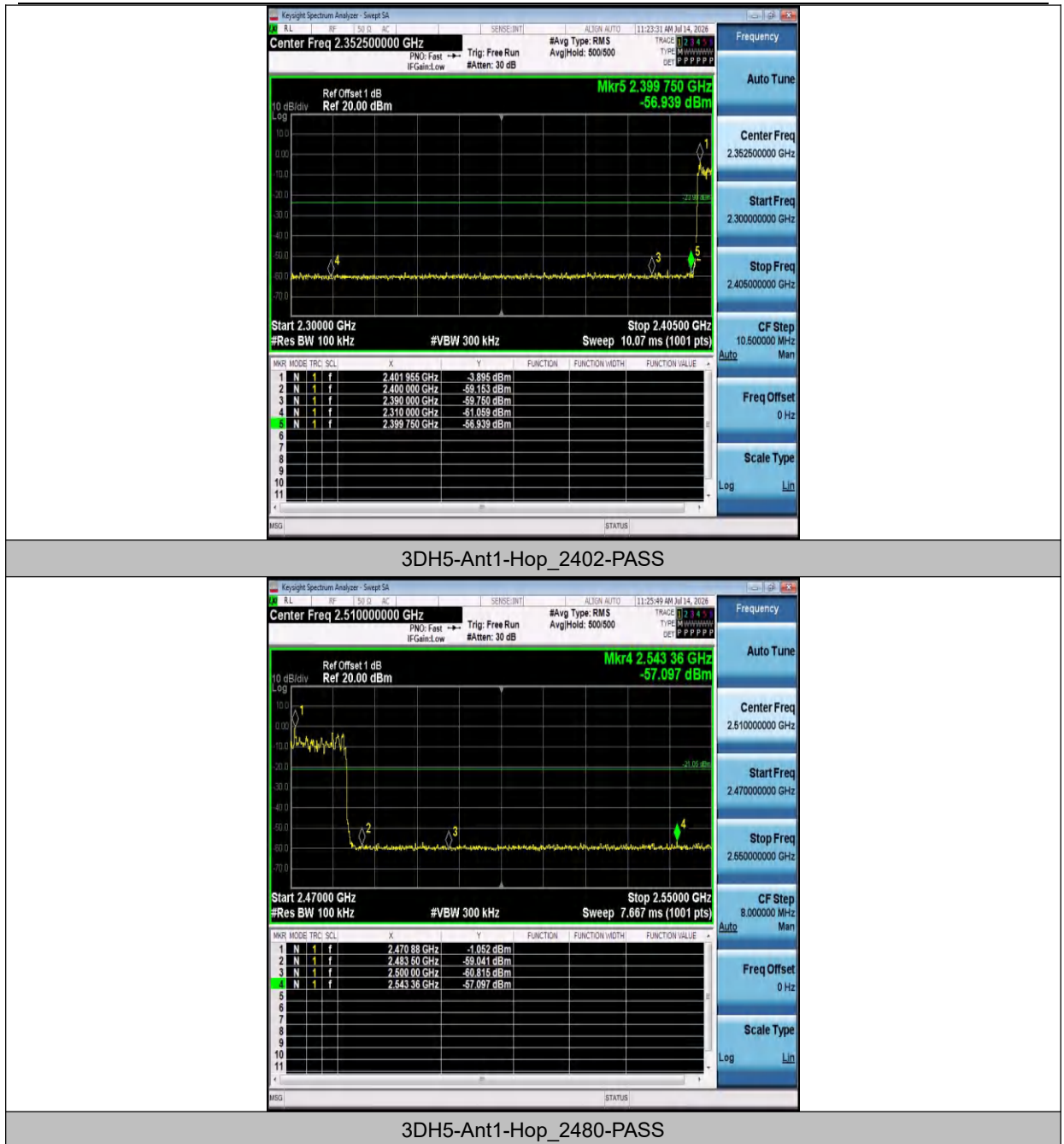
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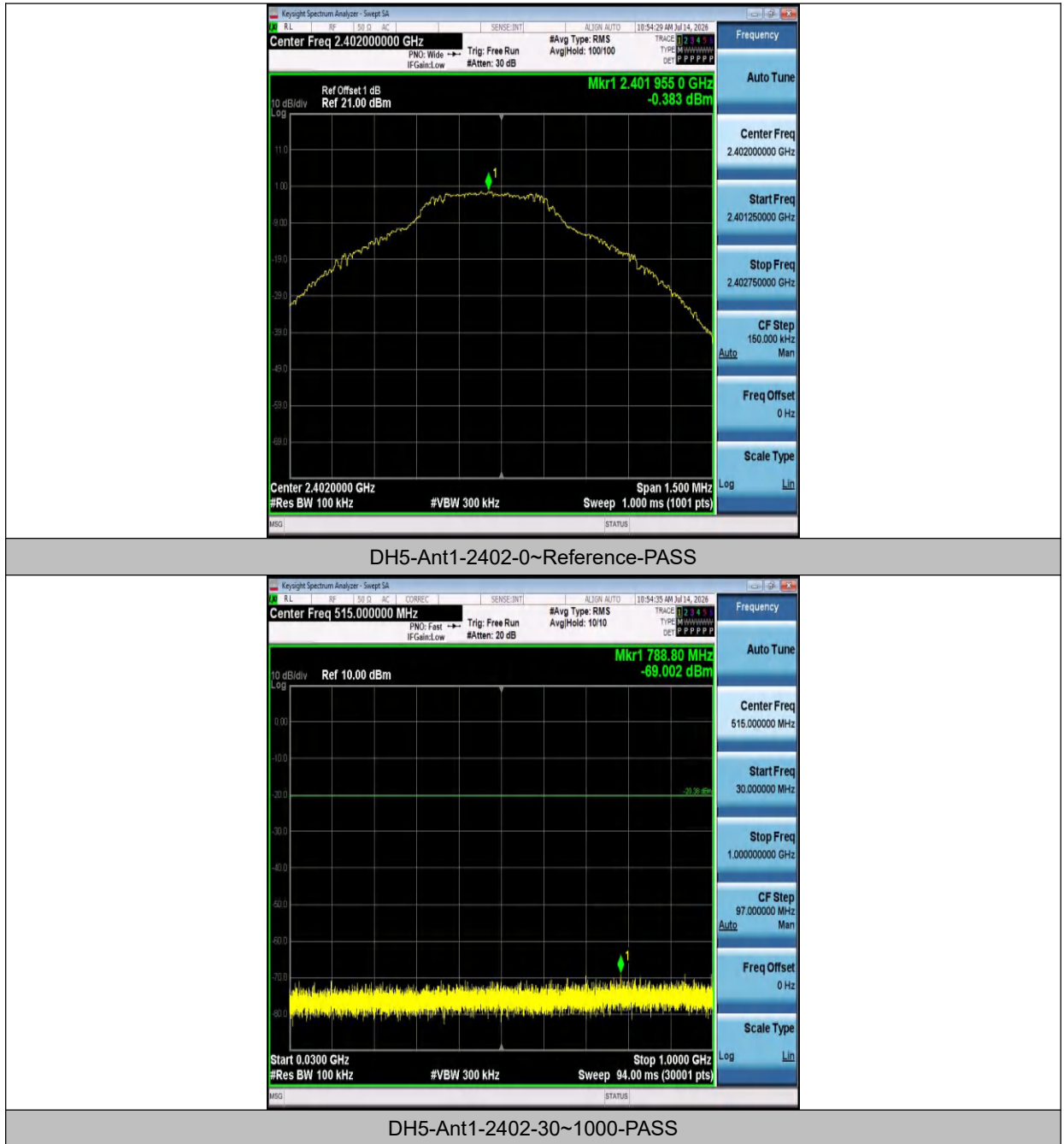
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.38	-0.38	---	PASS
DH5	Ant1	2402	30~1000	-0.38	-69	≤-20.38	PASS
DH5	Ant1	2402	1000~26500	-0.38	-41.05	≤-20.38	PASS
DH5	Ant1	2441	0~Reference	-0.29	-0.29	---	PASS
DH5	Ant1	2441	30~1000	-0.29	-69.69	≤-20.29	PASS
DH5	Ant1	2441	1000~26500	-0.29	-40.71	≤-20.29	PASS
DH5	Ant1	2480	0~Reference	-0.42	-0.42	---	PASS
DH5	Ant1	2480	30~1000	-0.42	-69.1	≤-20.42	PASS
DH5	Ant1	2480	1000~26500	-0.42	-40.87	≤-20.42	PASS
2DH5	Ant1	2402	0~Reference	-0.62	-0.62	---	PASS
2DH5	Ant1	2402	30~1000	-0.62	-69.99	≤-20.62	PASS
2DH5	Ant1	2402	1000~26500	-0.62	-41.21	≤-20.62	PASS
2DH5	Ant1	2441	0~Reference	-0.76	-0.76	---	PASS
2DH5	Ant1	2441	30~1000	-0.76	-69.56	≤-20.76	PASS
2DH5	Ant1	2441	1000~26500	-0.76	-40.89	≤-20.76	PASS
2DH5	Ant1	2480	0~Reference	-0.82	-0.82	---	PASS
2DH5	Ant1	2480	30~1000	-0.82	-69.46	≤-20.82	PASS
2DH5	Ant1	2480	1000~26500	-0.82	-41	≤-20.82	PASS
3DH5	Ant1	2402	0~Reference	-0.28	-0.28	---	PASS
3DH5	Ant1	2402	30~1000	-0.28	-68.9	≤-20.28	PASS
3DH5	Ant1	2402	1000~26500	-0.28	-40.78	≤-20.28	PASS
3DH5	Ant1	2441	0~Reference	-0.54	-0.54	---	PASS
3DH5	Ant1	2441	30~1000	-0.54	-69.57	≤-20.54	PASS
3DH5	Ant1	2441	1000~26500	-0.54	-40.81	≤-20.54	PASS
3DH5	Ant1	2480	0~Reference	-1.35	-1.35	---	PASS
3DH5	Ant1	2480	30~1000	-1.35	-69.68	≤-21.35	PASS
3DH5	Ant1	2480	1000~26500	-1.35	-41	≤-21.35	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.

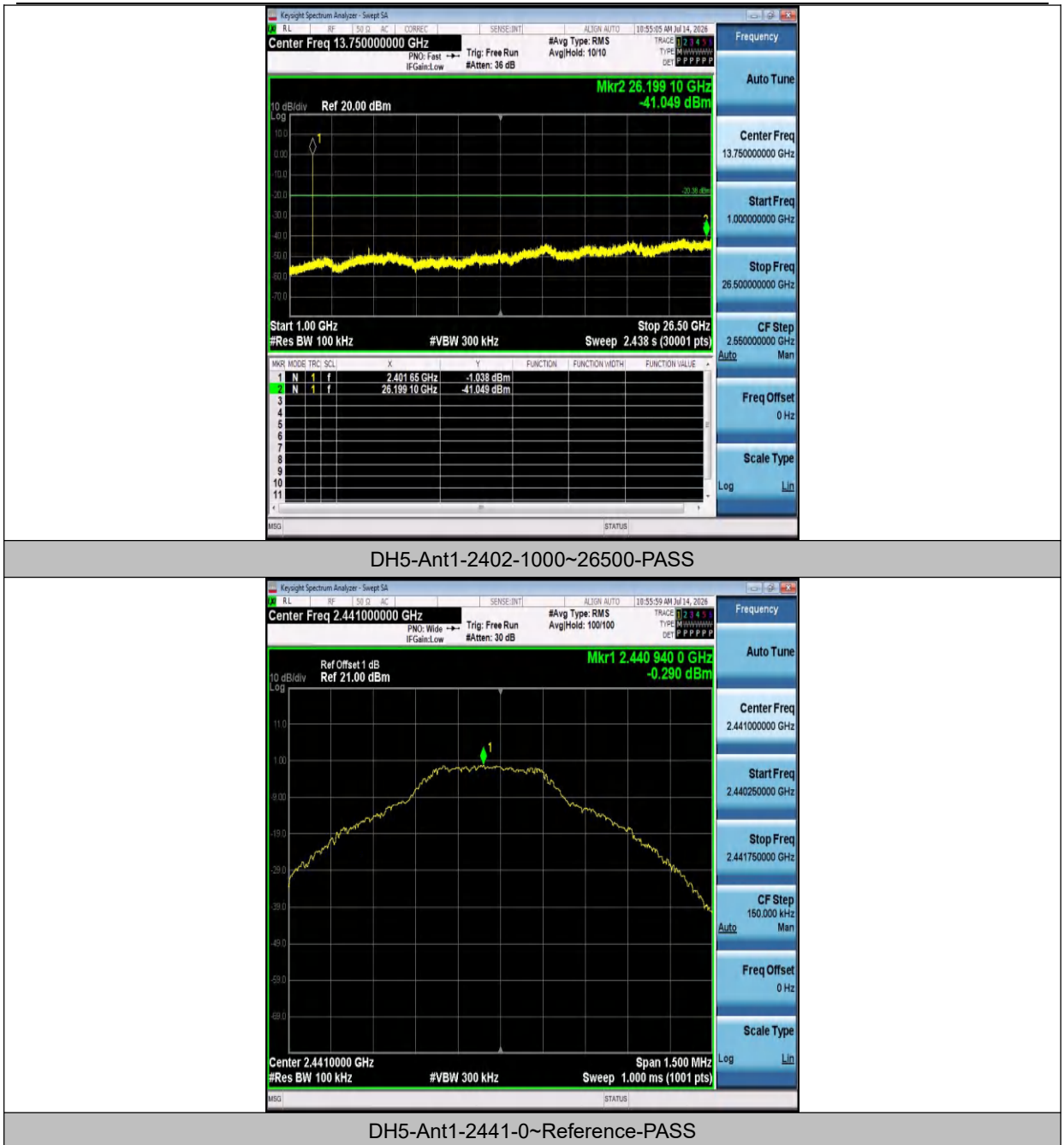
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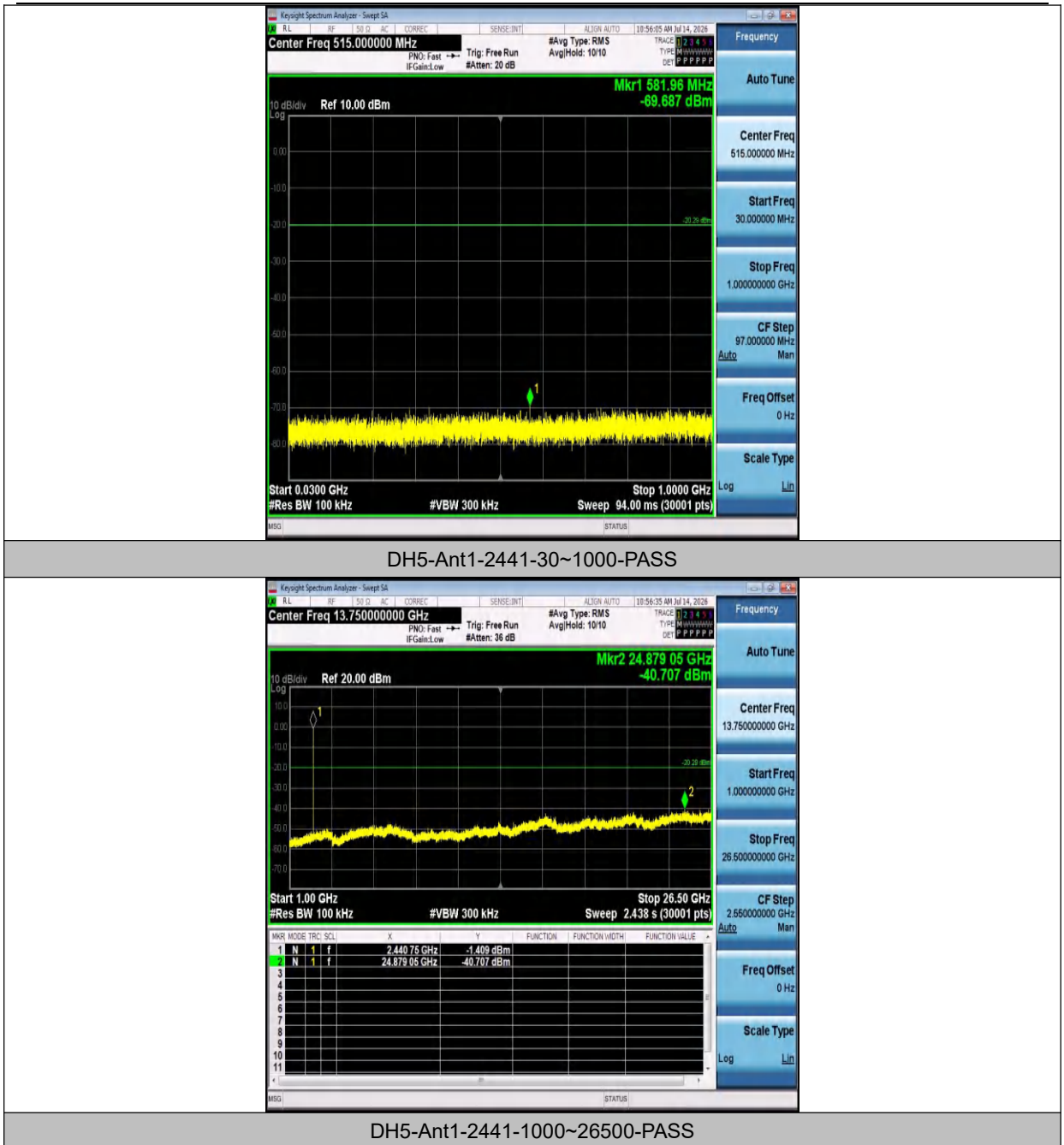
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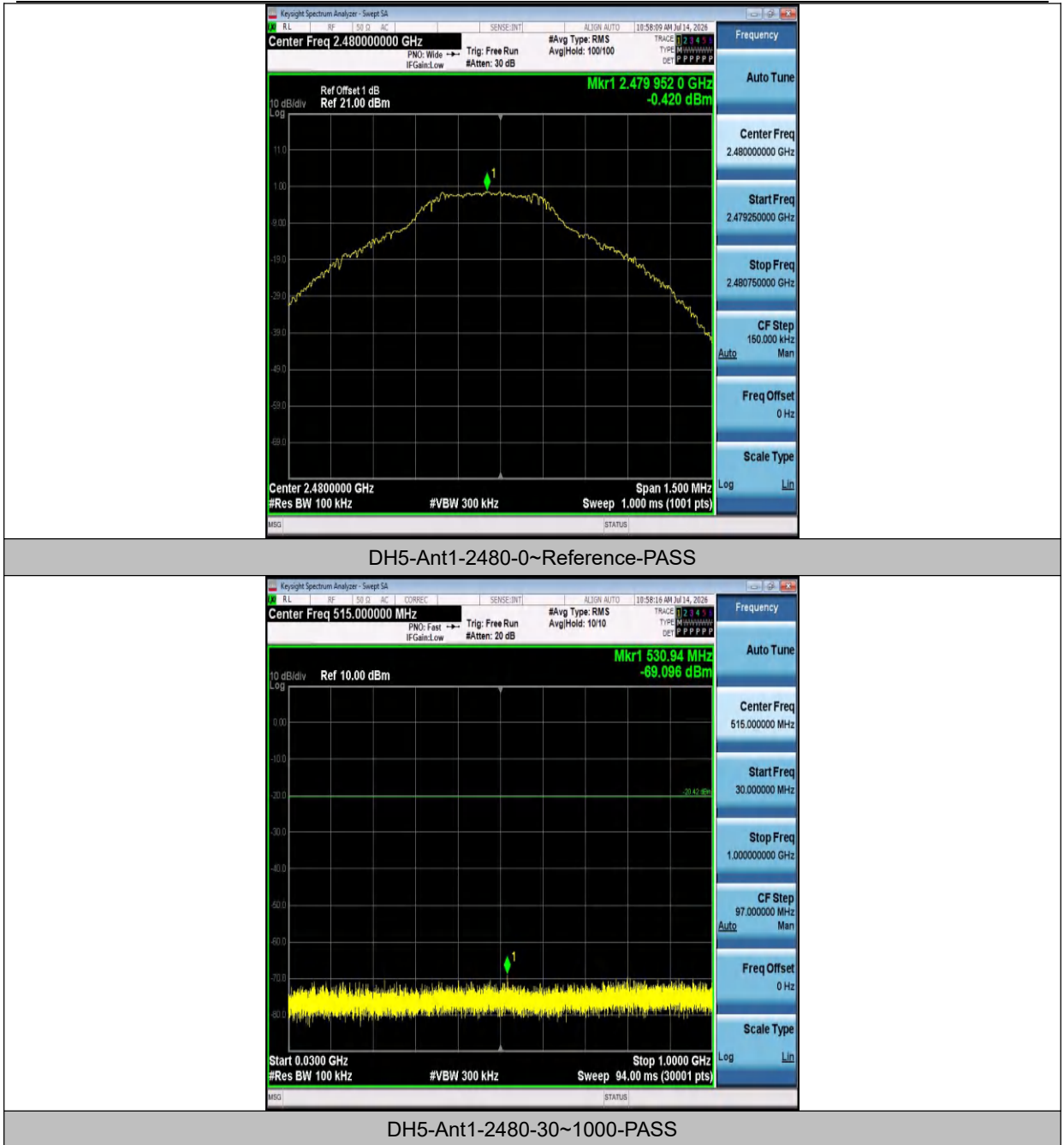
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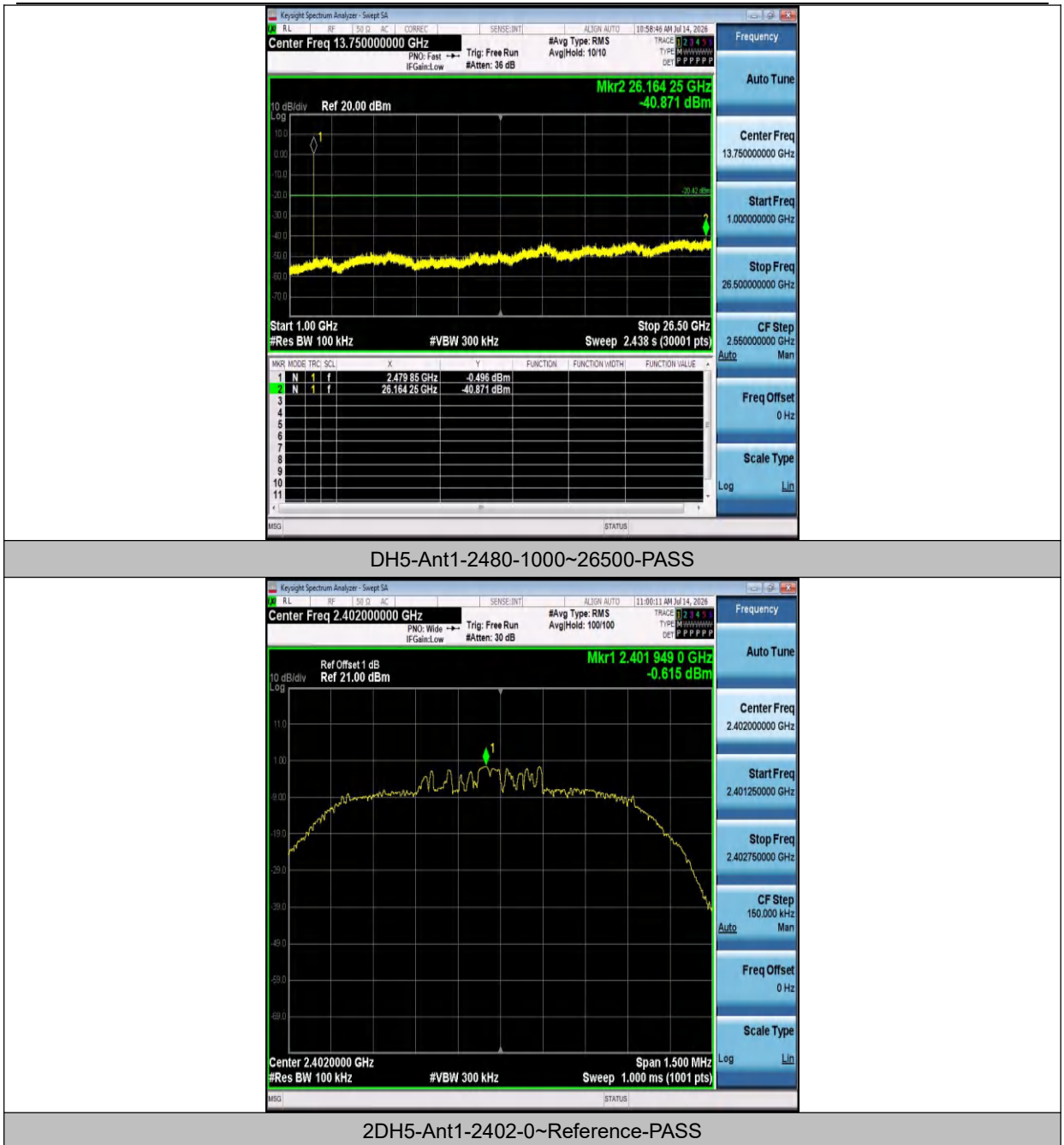
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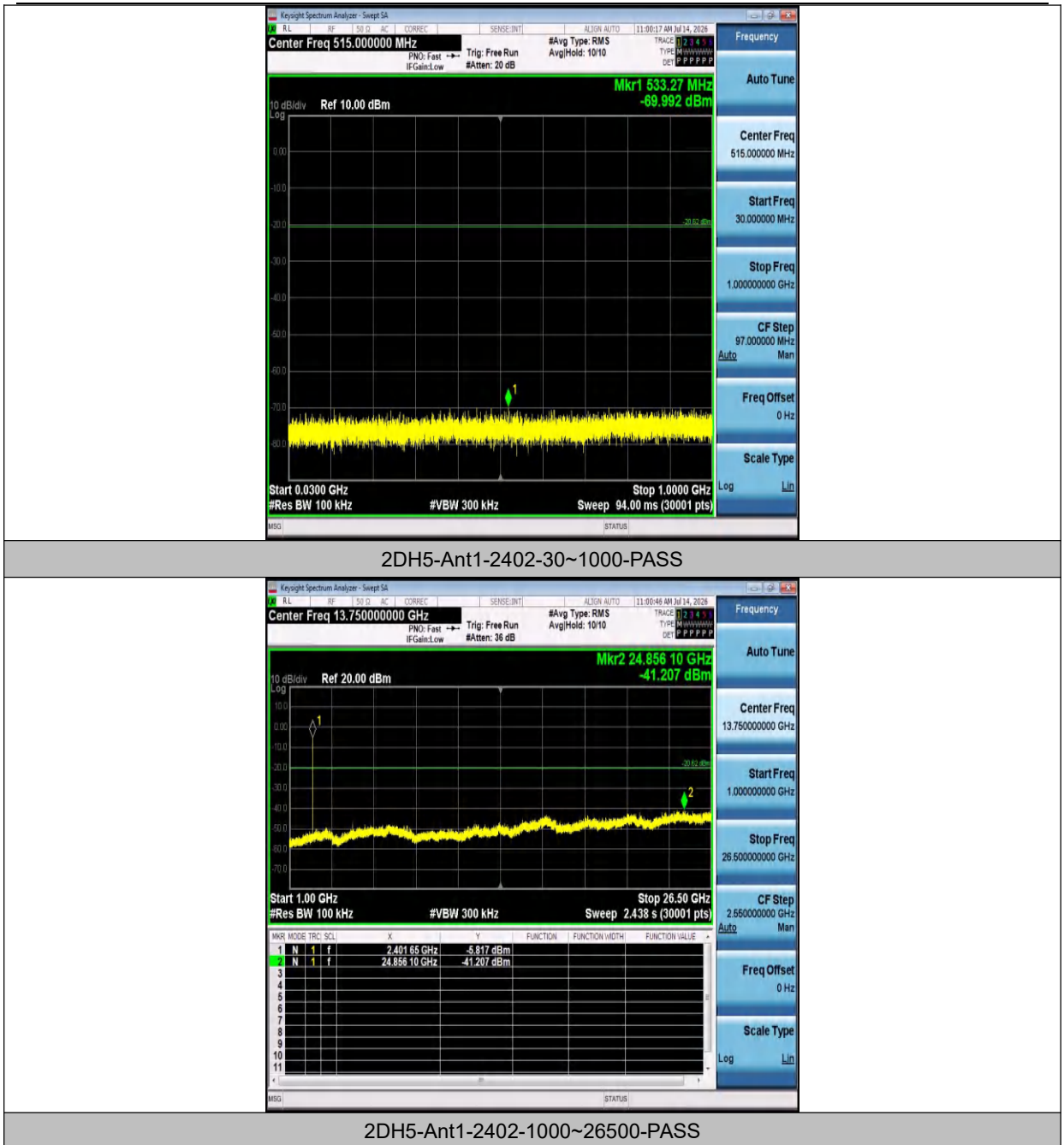
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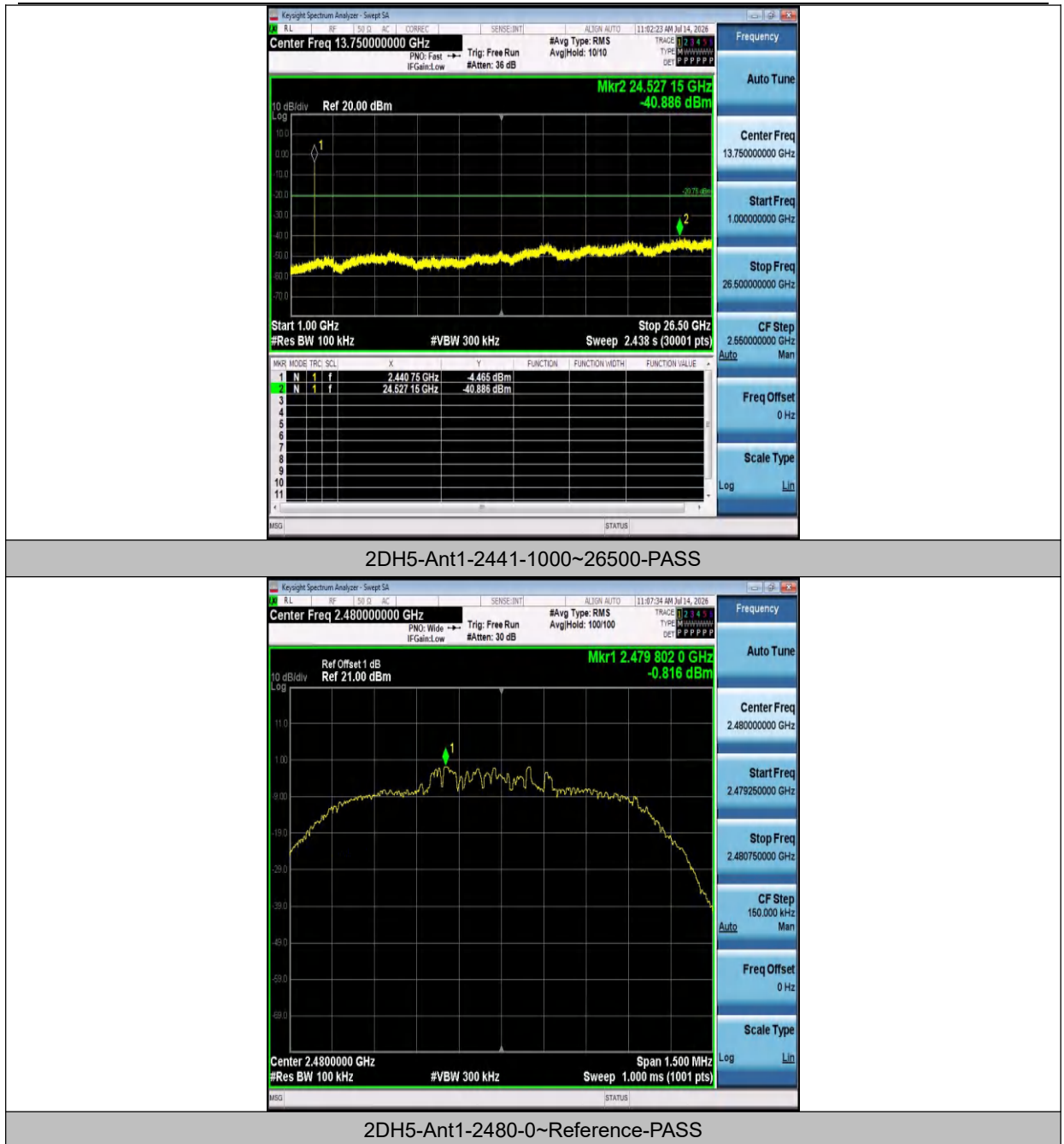
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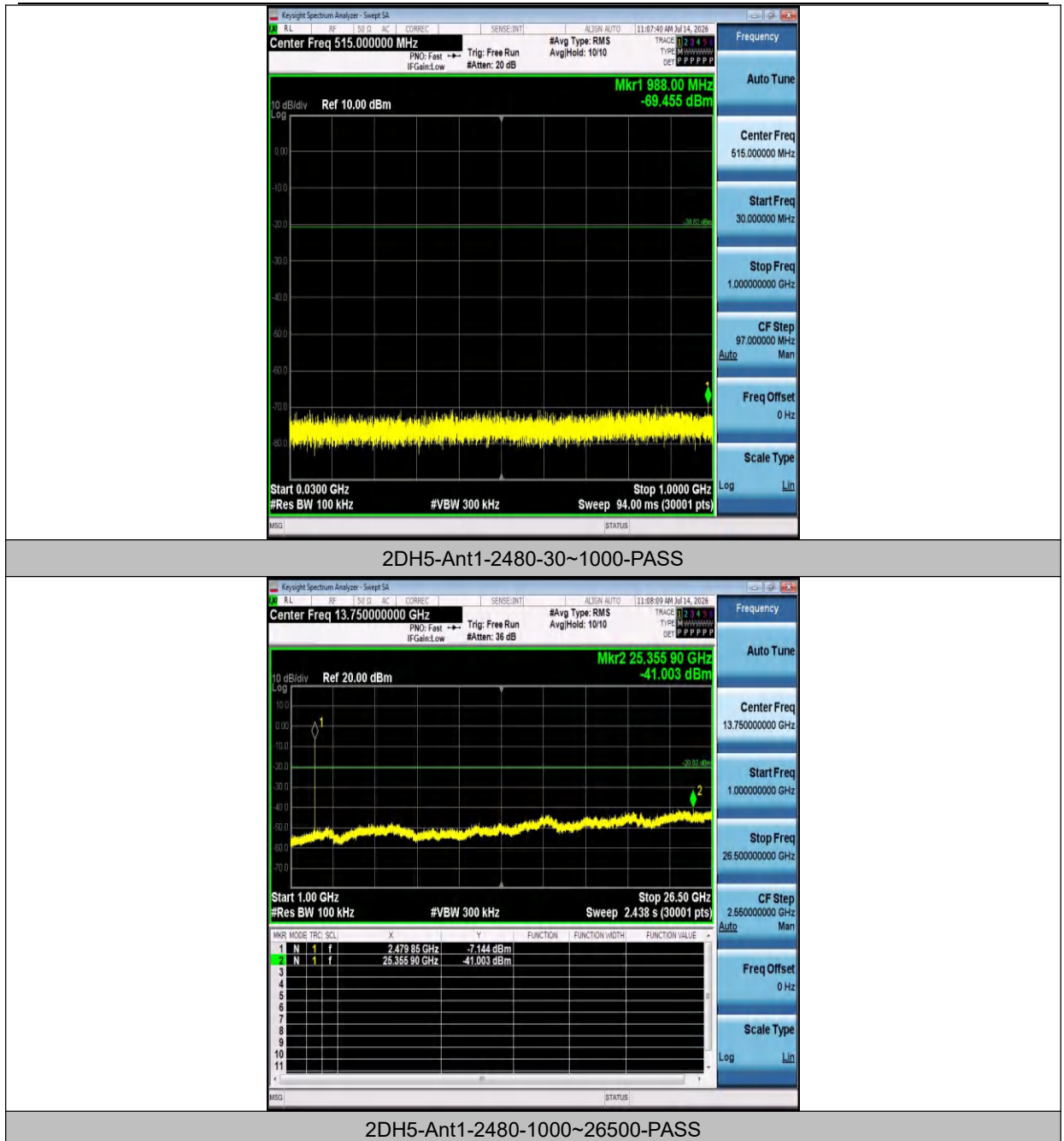
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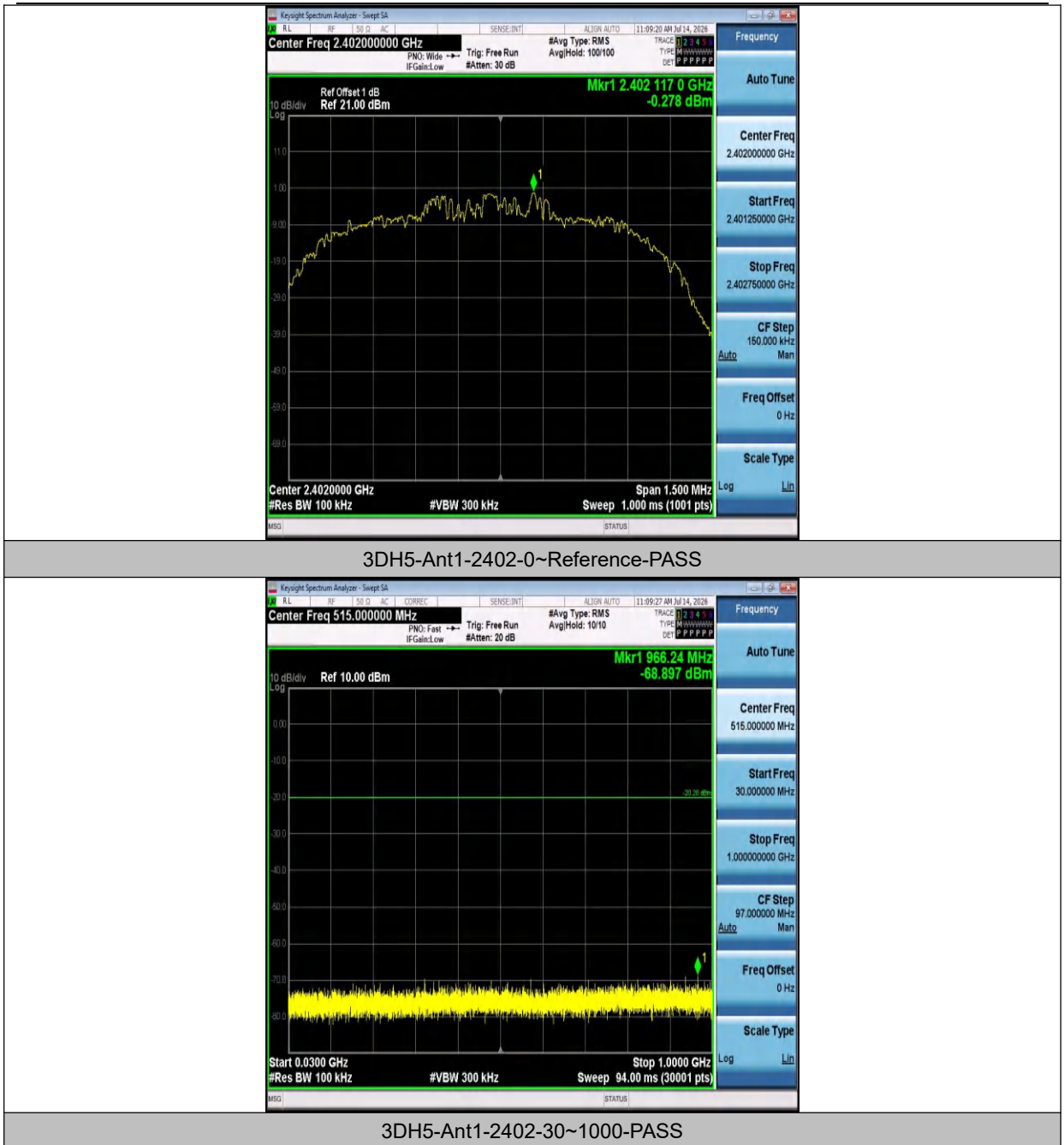
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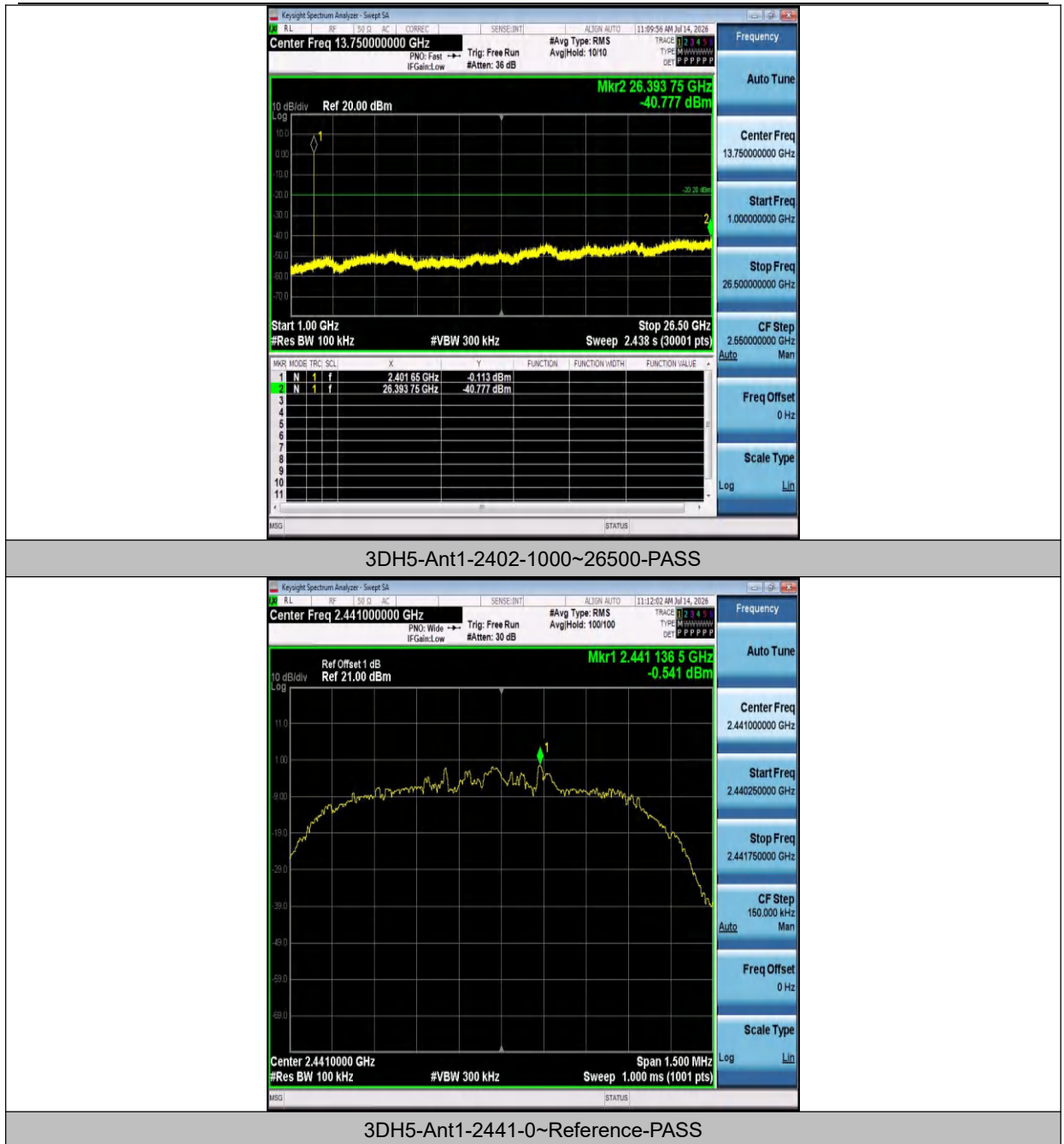
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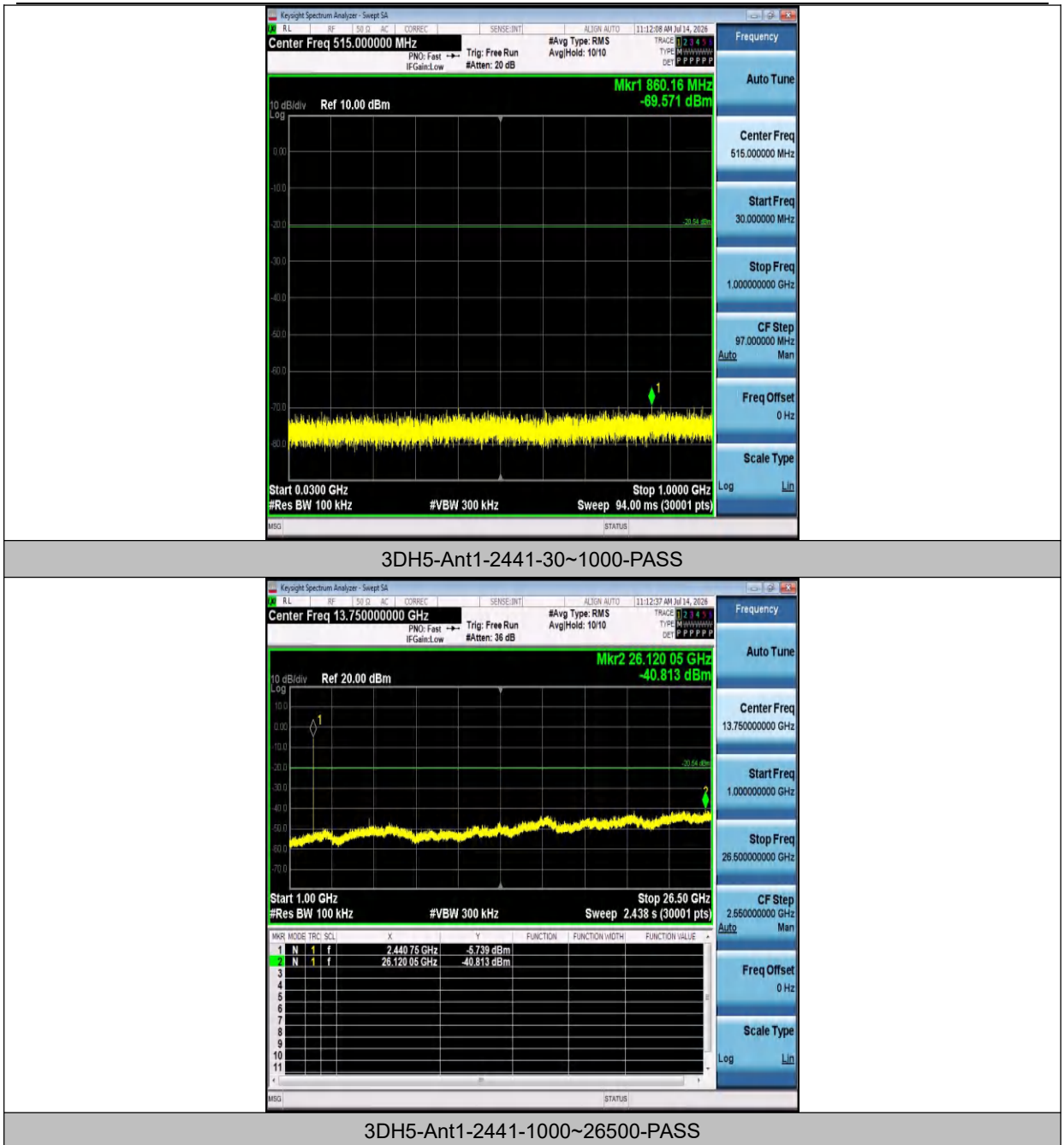
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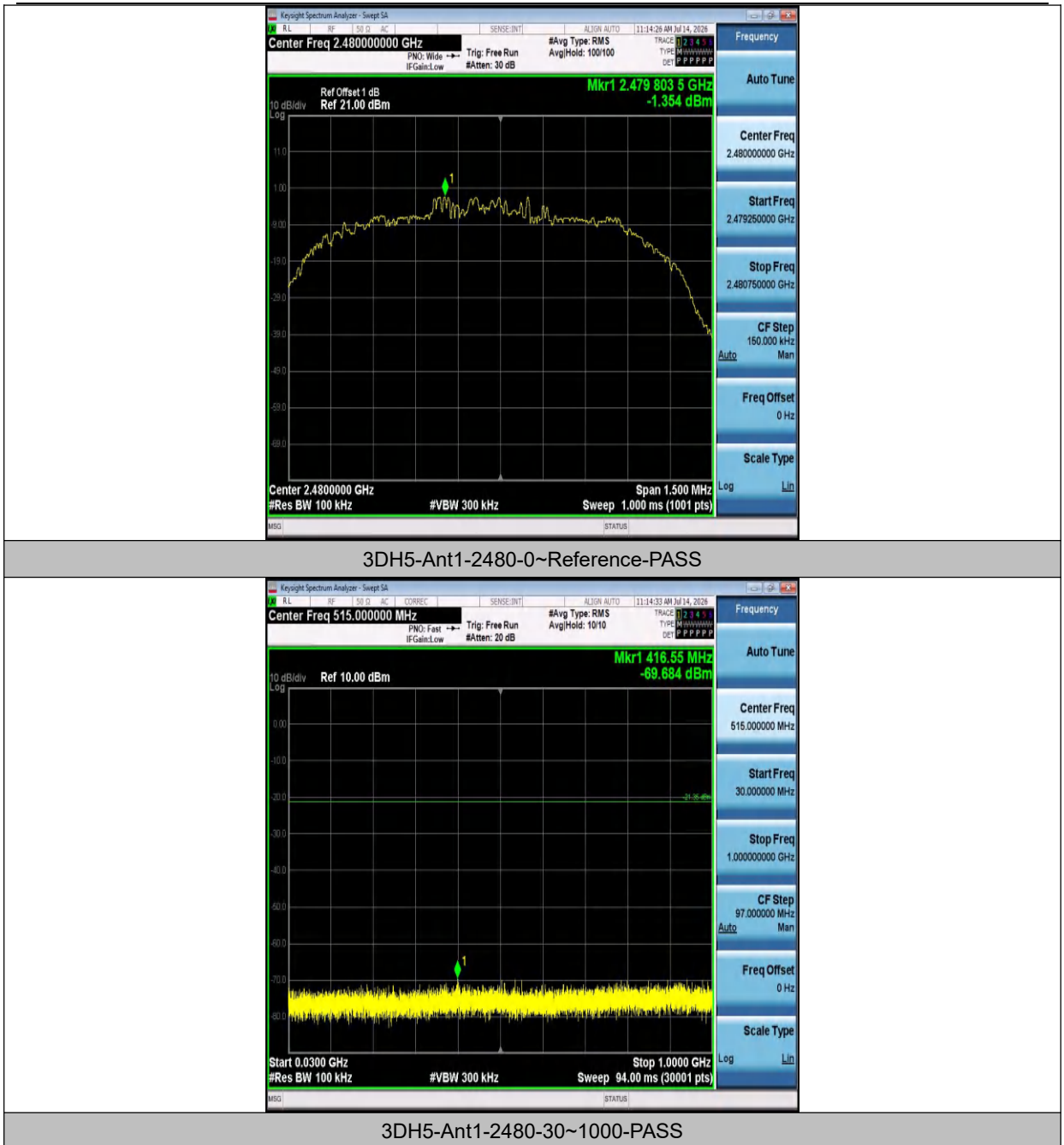
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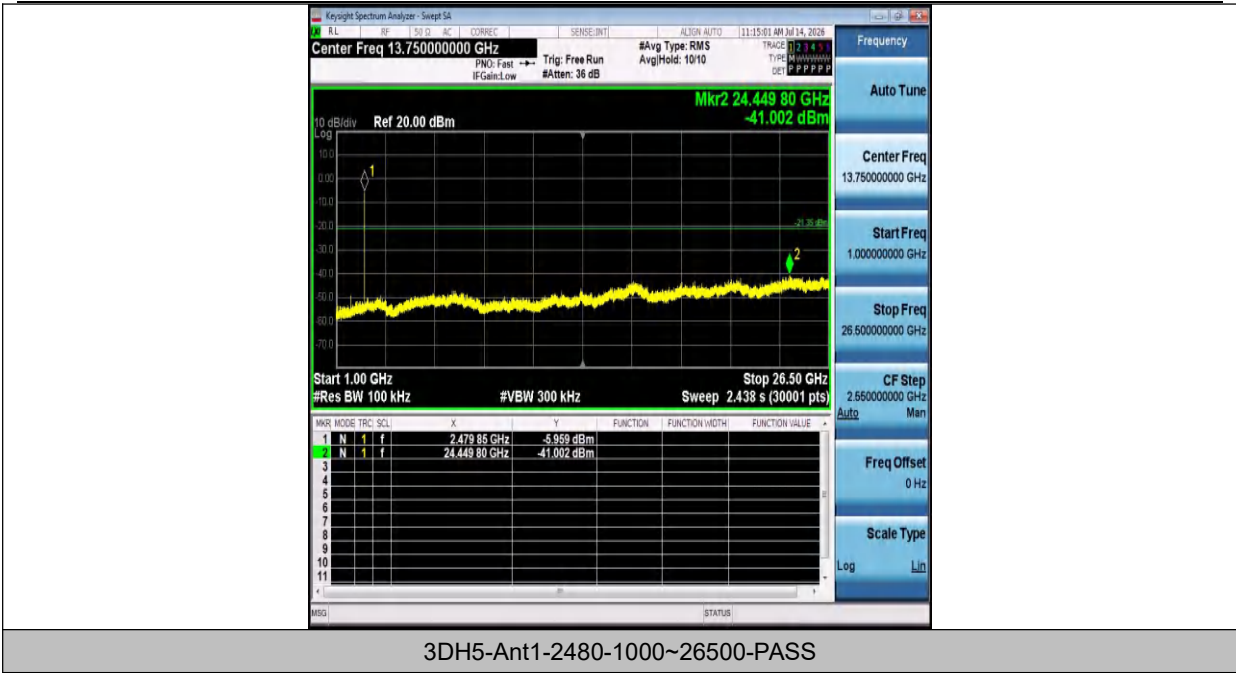
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3DH5-Ant1-2480-1000~26500-PASS

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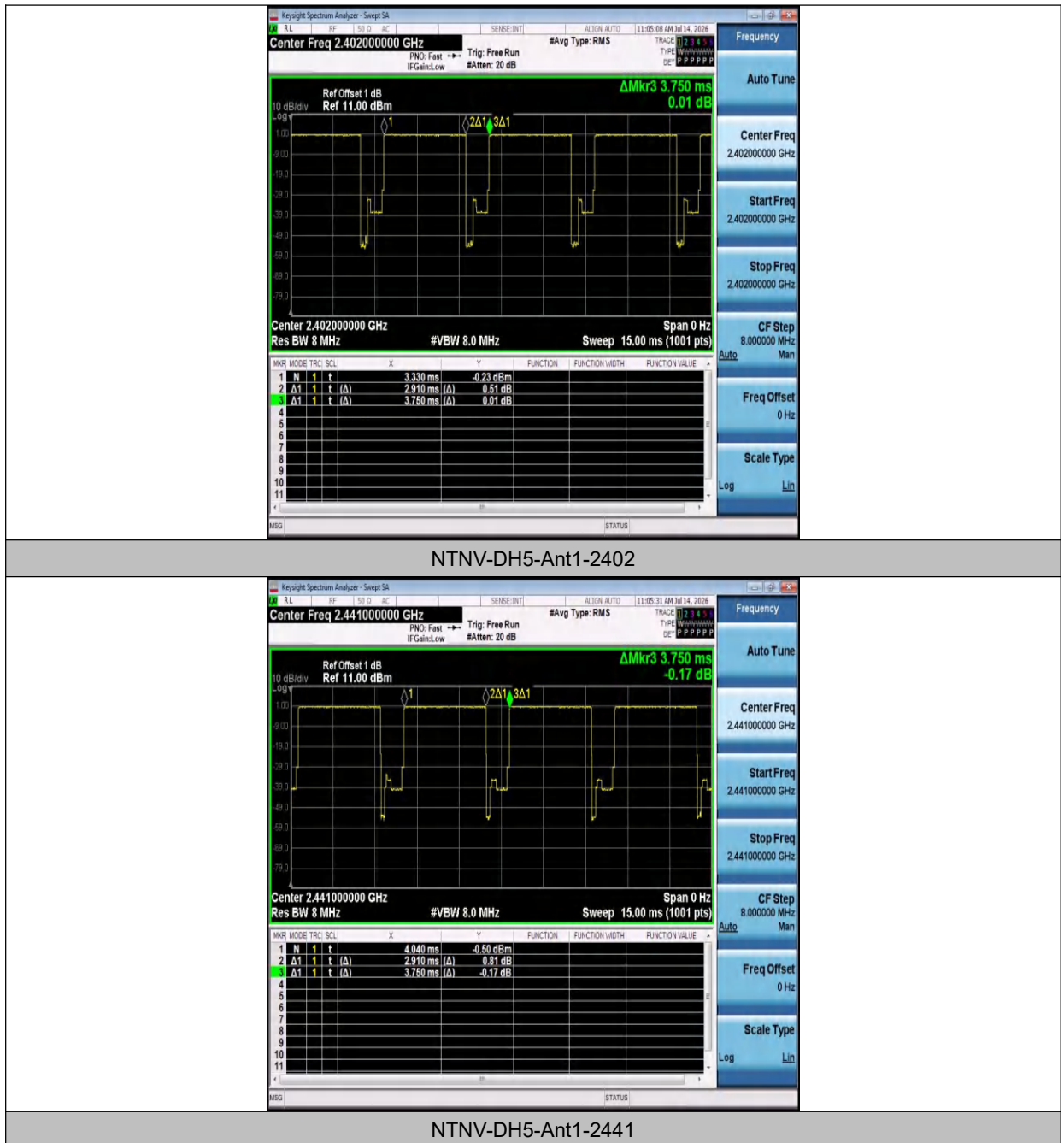
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.93	3.75	78.13	1.07
2DH5	Ant1	2441	2.91	3.75	77.60	1.10
2DH5	Ant1	2480	2.93	3.75	78.13	1.07
3DH5	Ant1	2402	2.93	3.75	78.13	1.07
3DH5	Ant1	2441	2.92	3.75	77.87	1.09
3DH5	Ant1	2480	2.92	3.75	77.87	1.09

Test Graphs



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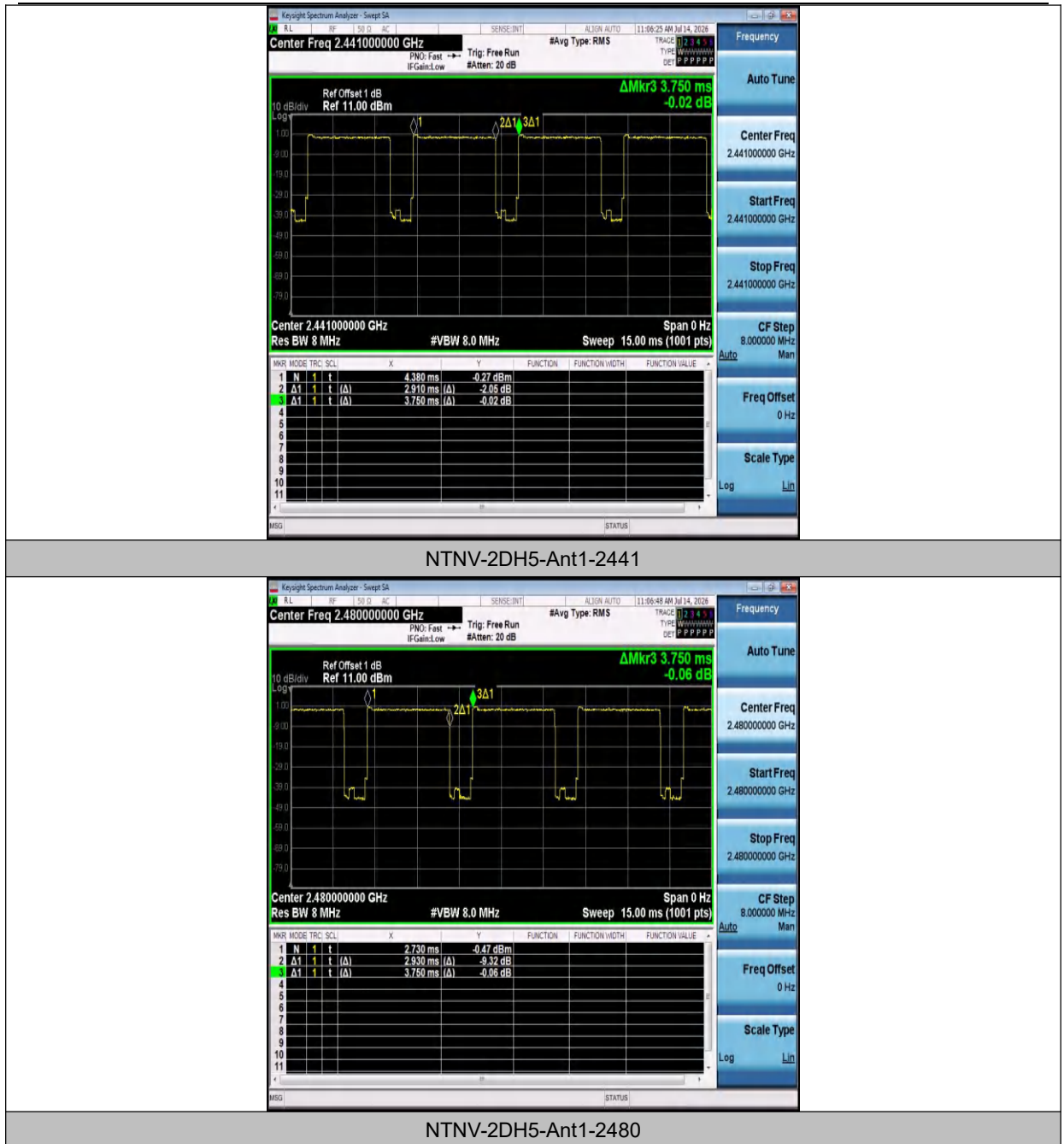
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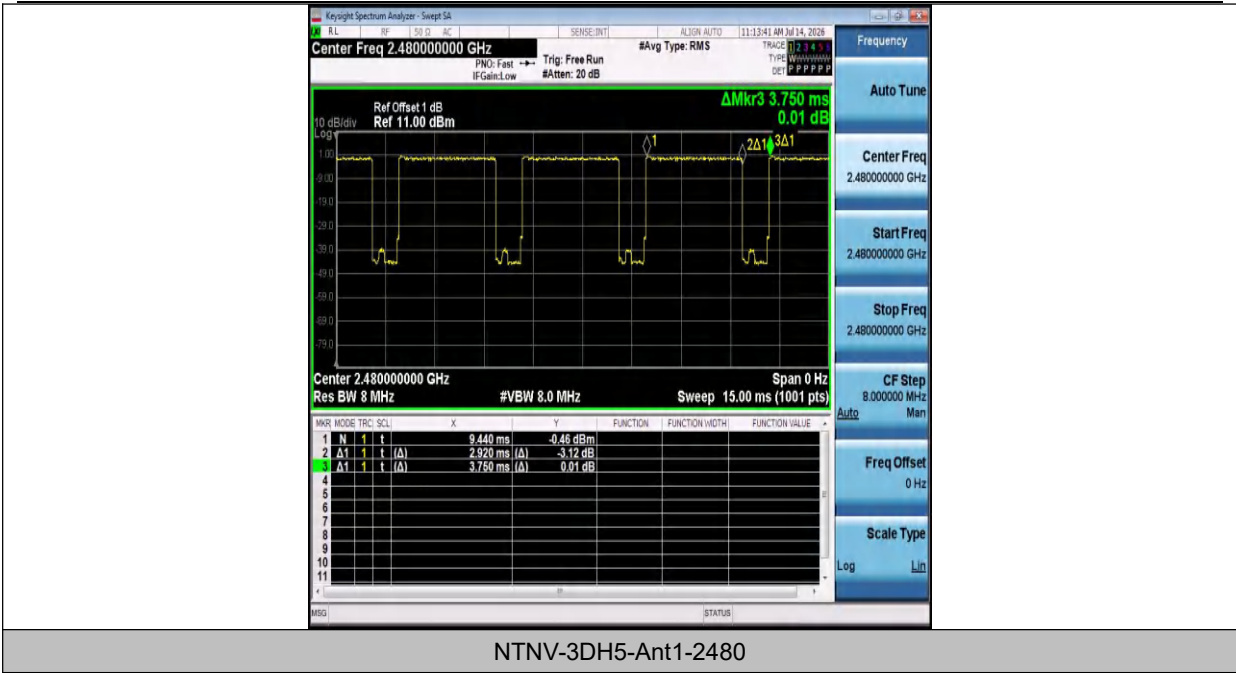
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