

Appendix Test Data

Report No.:	1812C60124812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-5	Finish Test Date:	2026-3-19
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1°C	Relative Humidity:	68%
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	0.972	2401.526	2402.498	---	---
DH5	Ant1	2441	0.966	2440.526	2441.492	---	---
DH5	Ant1	2480	0.969	2479.511	2480.480	---	---
2DH5	Ant1	2402	1.317	2401.319	2402.636	---	---
2DH5	Ant1	2441	1.308	2440.322	2441.630	---	---
2DH5	Ant1	2480	1.275	2479.355	2480.630	---	---
3DH5	Ant1	2402	1.293	2401.343	2402.636	---	---
3DH5	Ant1	2441	1.305	2440.340	2441.645	---	---
3DH5	Ant1	2480	1.290	2479.343	2480.633	---	---

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	0.87372	2401.5658	2402.4396	---	---
DH5	Ant1	2441	0.86900	2440.5694	2441.4384	---	---
DH5	Ant1	2480	0.87827	2479.5599	2480.4382	---	---
2DH5	Ant1	2402	1.1762	2401.4069	2402.5831	---	---
2DH5	Ant1	2441	1.1756	2440.4064	2441.5820	---	---
2DH5	Ant1	2480	1.1686	2479.4111	2480.5797	---	---
3DH5	Ant1	2402	1.1837	2401.4045	2402.5882	---	---
3DH5	Ant1	2441	1.1799	2440.4023	2441.5822	---	---
3DH5	Ant1	2480	1.1798	2479.4044	2480.5842	---	---

Test Graphs



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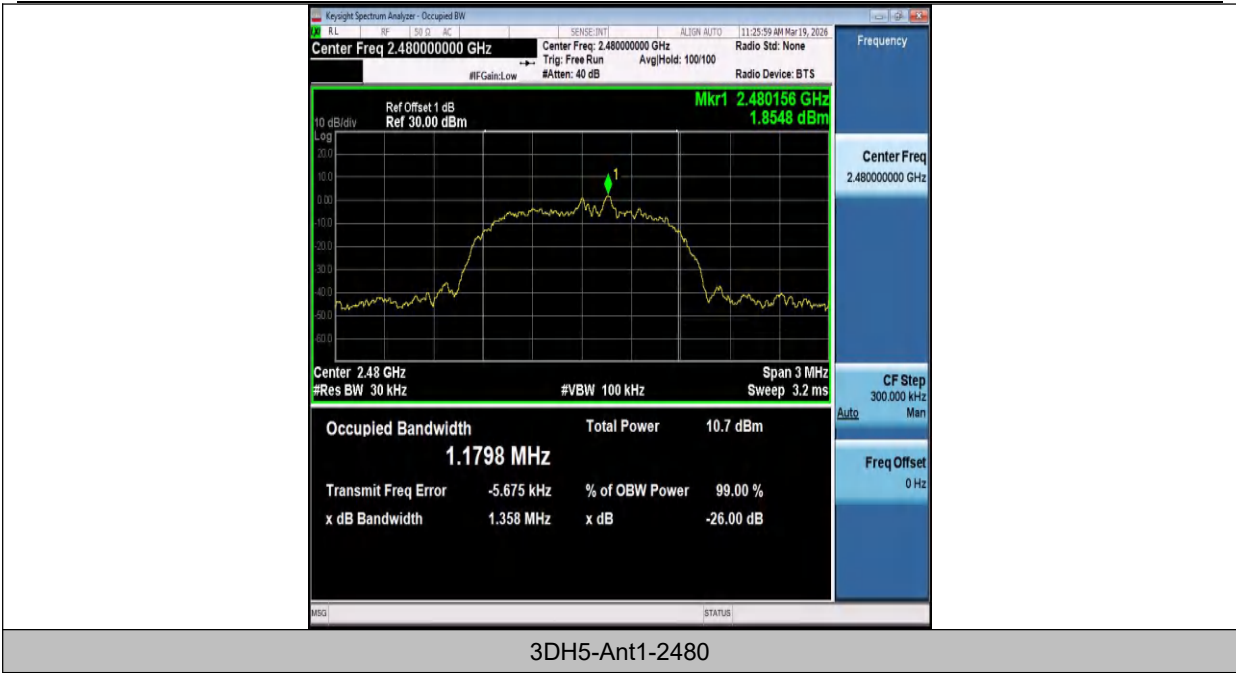
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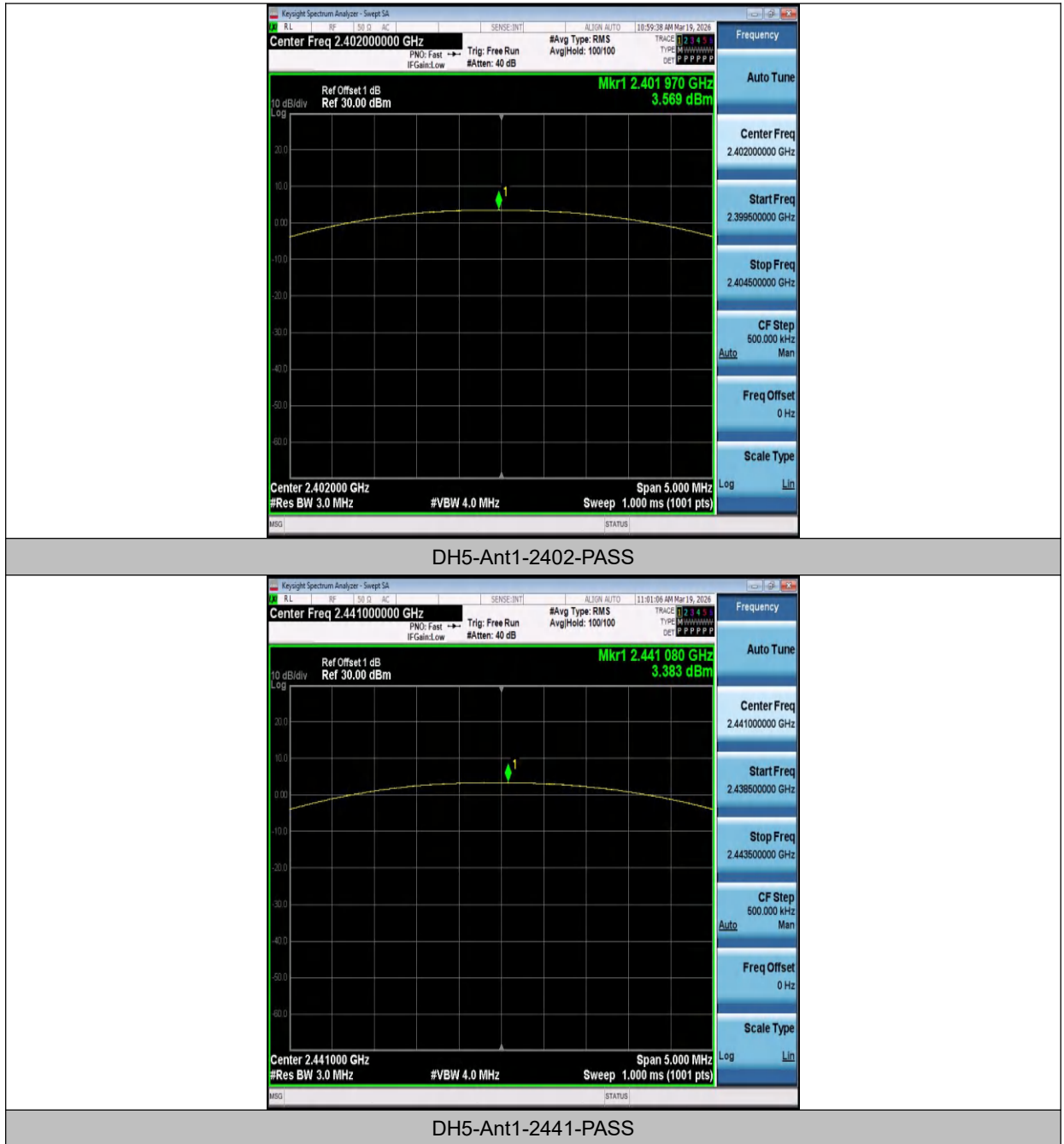
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.57	≤20.97	PASS
DH5	Ant1	2441	3.38	≤20.97	PASS
DH5	Ant1	2480	4.18	≤20.97	PASS
2DH5	Ant1	2402	4.66	≤20.97	PASS
2DH5	Ant1	2441	4.64	≤20.97	PASS
2DH5	Ant1	2480	5.49	≤20.97	PASS
3DH5	Ant1	2402	4.95	≤20.97	PASS
3DH5	Ant1	2441	4.94	≤20.97	PASS
3DH5	Ant1	2480	5.79	≤20.97	PASS

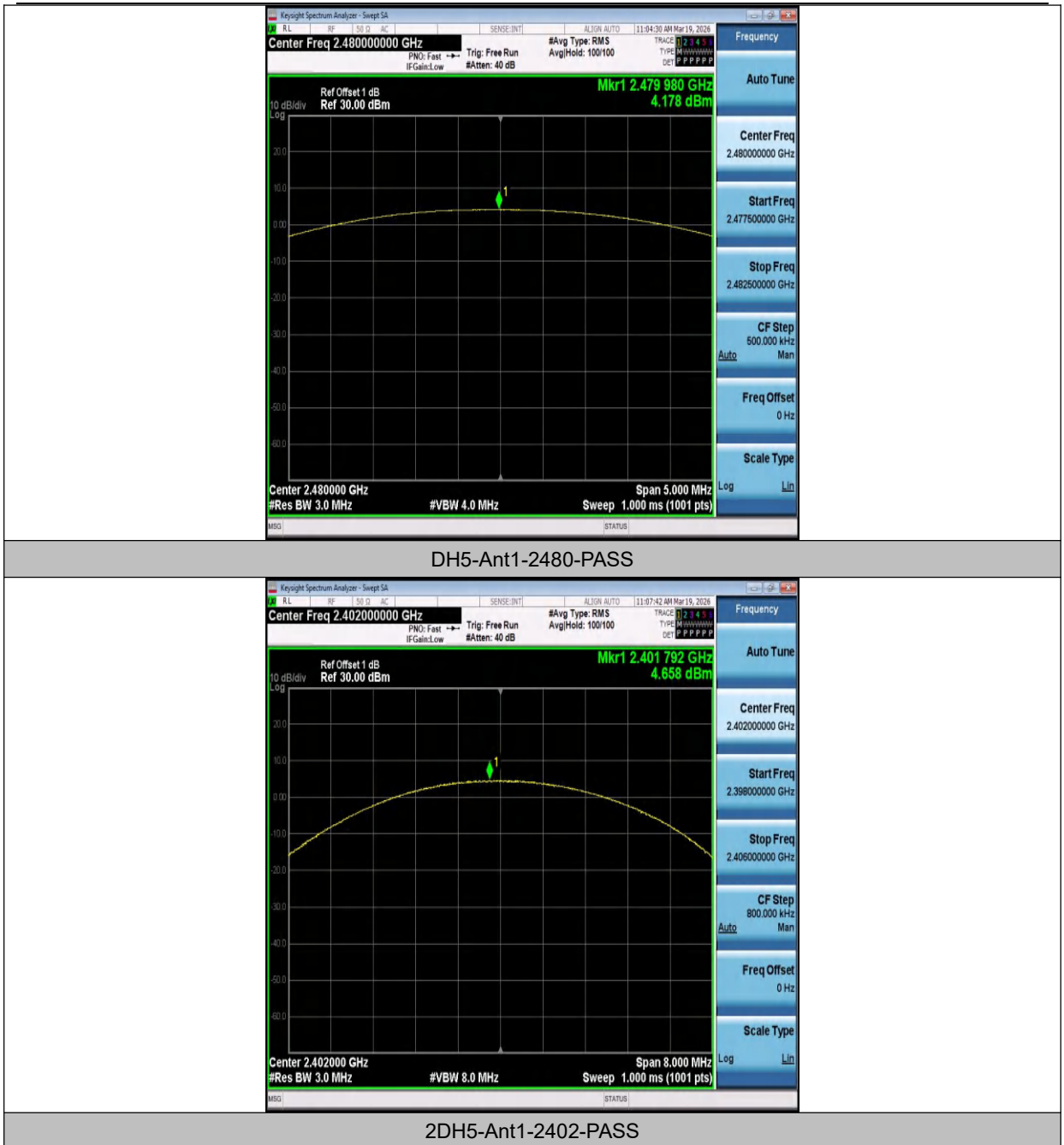
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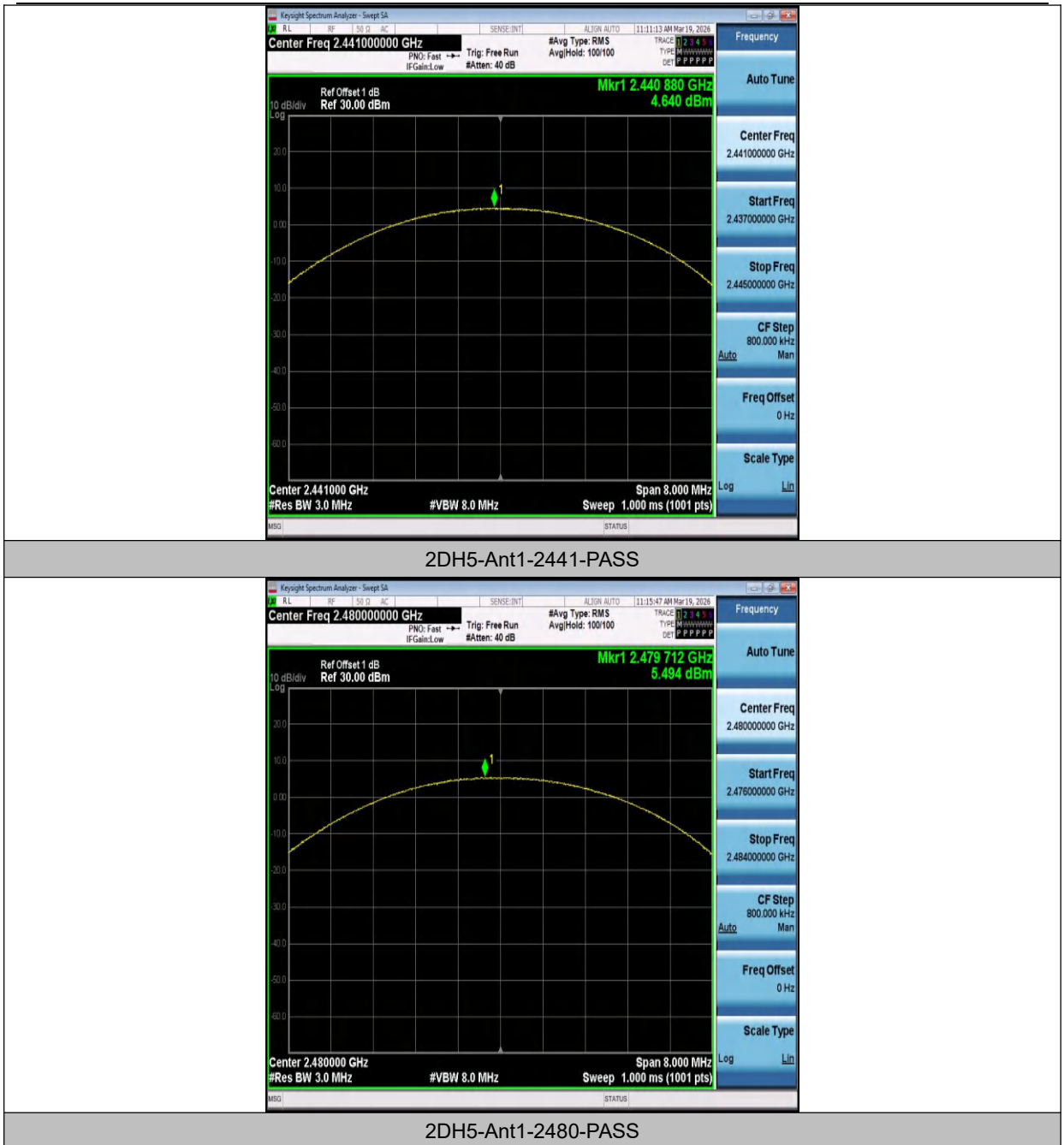
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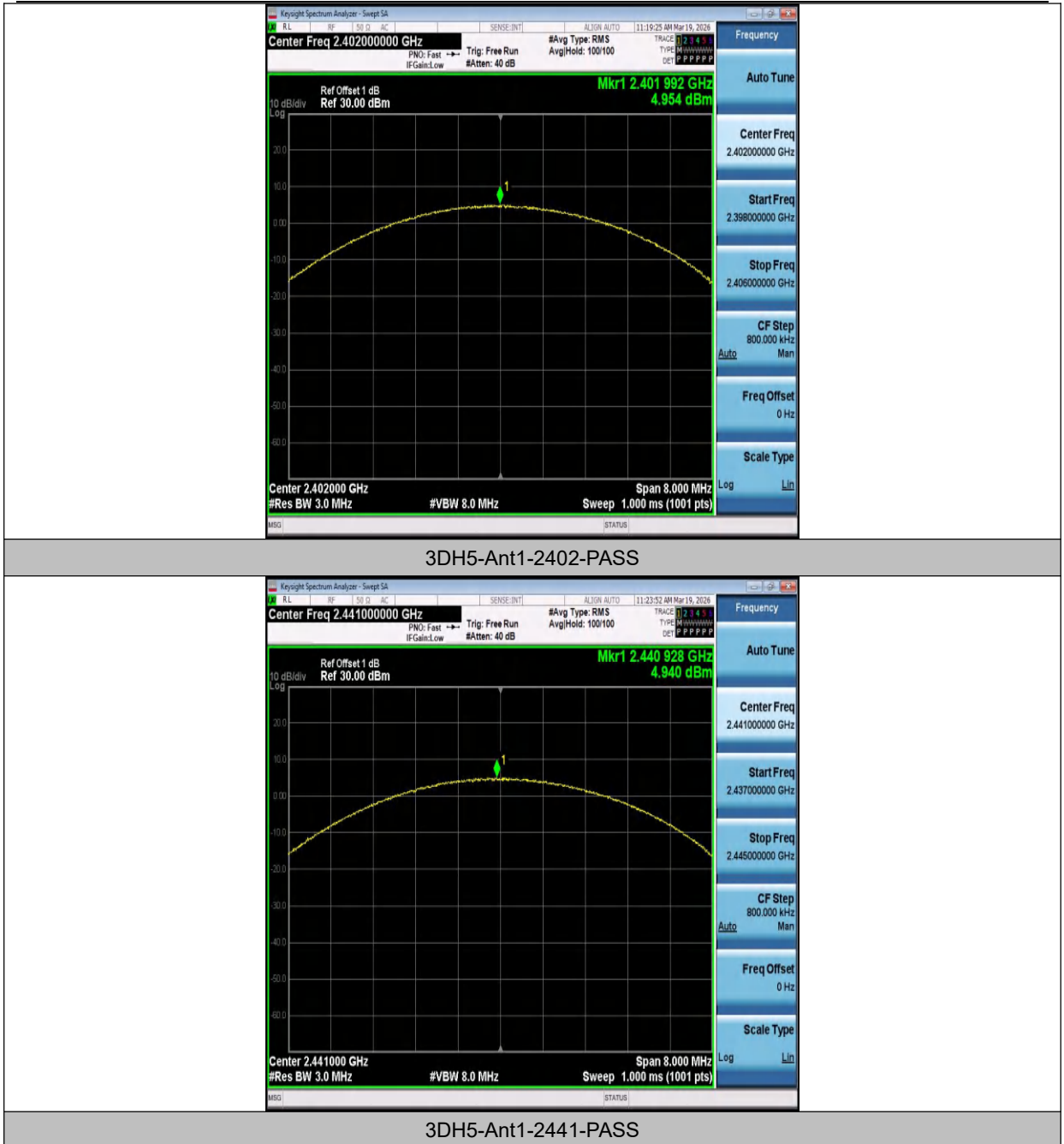
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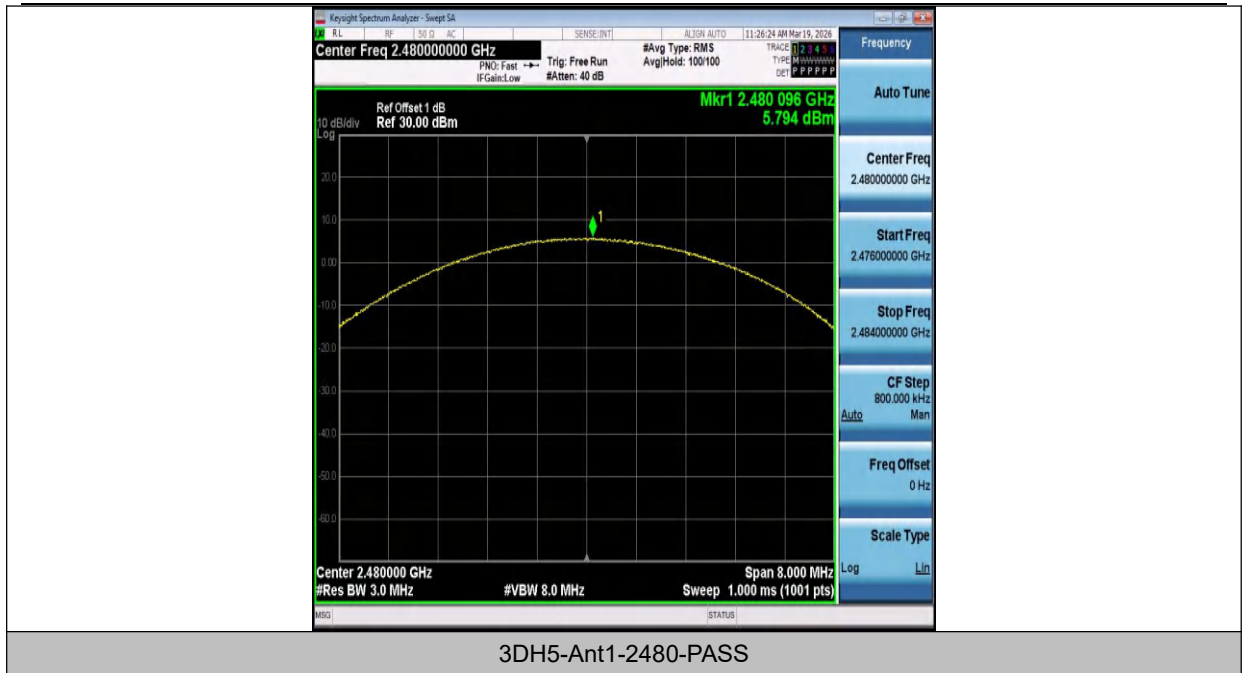
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.02	≥ 0.648	PASS
2DH5	Ant1	Hop	0.992	≥ 0.878	PASS
3DH5	Ant1	Hop	0.97	≥ 0.870	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.

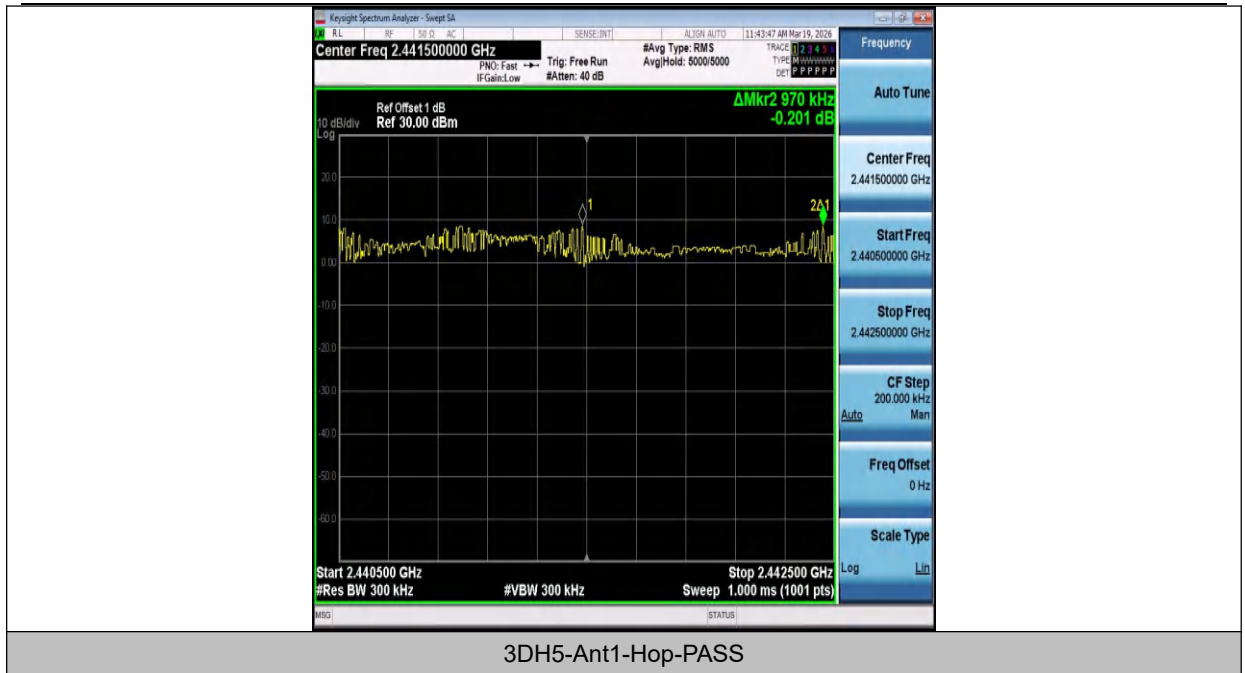
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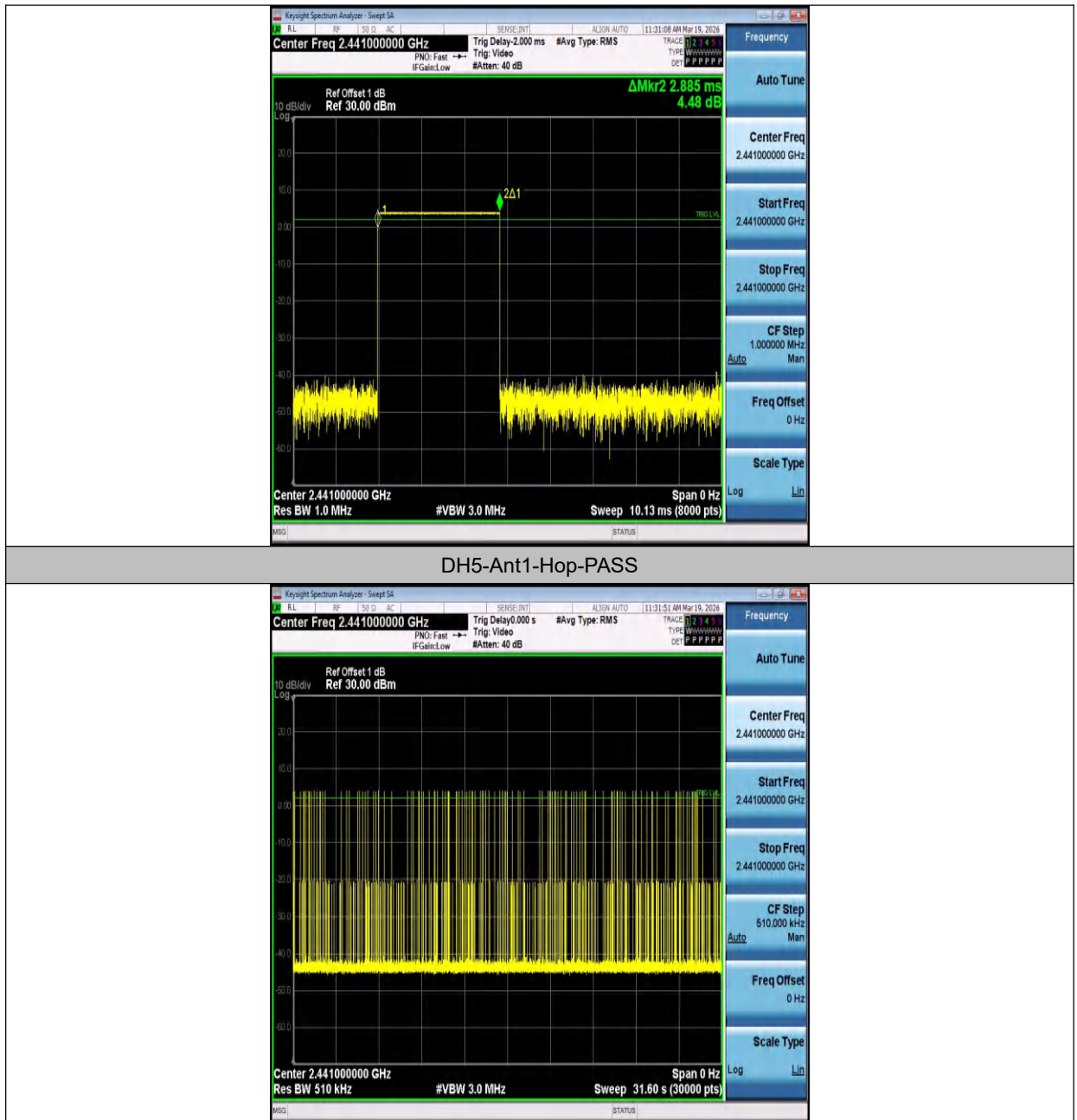
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	117	0.338	≤0.4	PASS
2DH5	Ant1	Hop	2.891	101	0.292	≤0.4	PASS
3DH5	Ant1	Hop	2.892	98	0.283	≤0.4	PASS

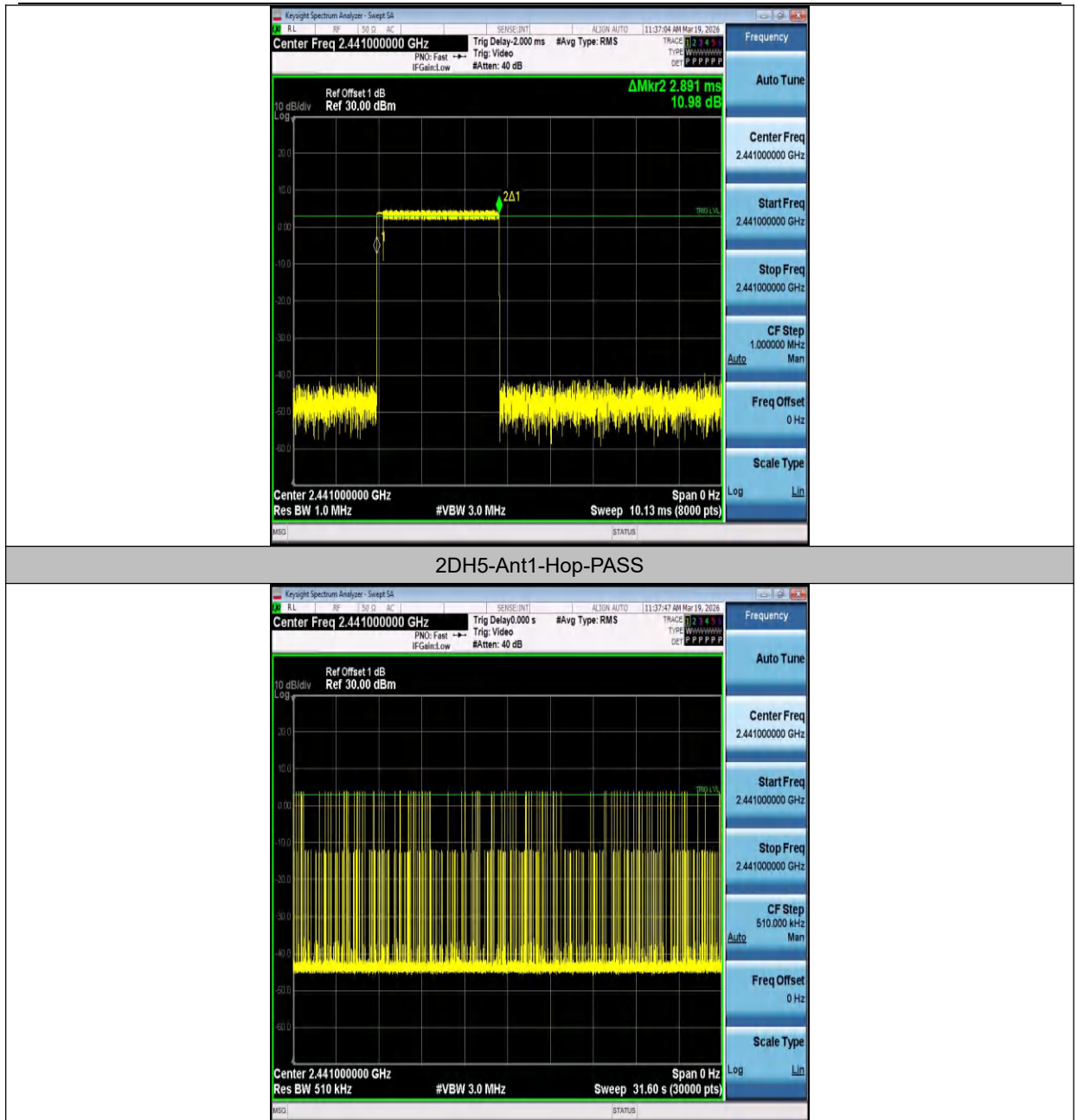
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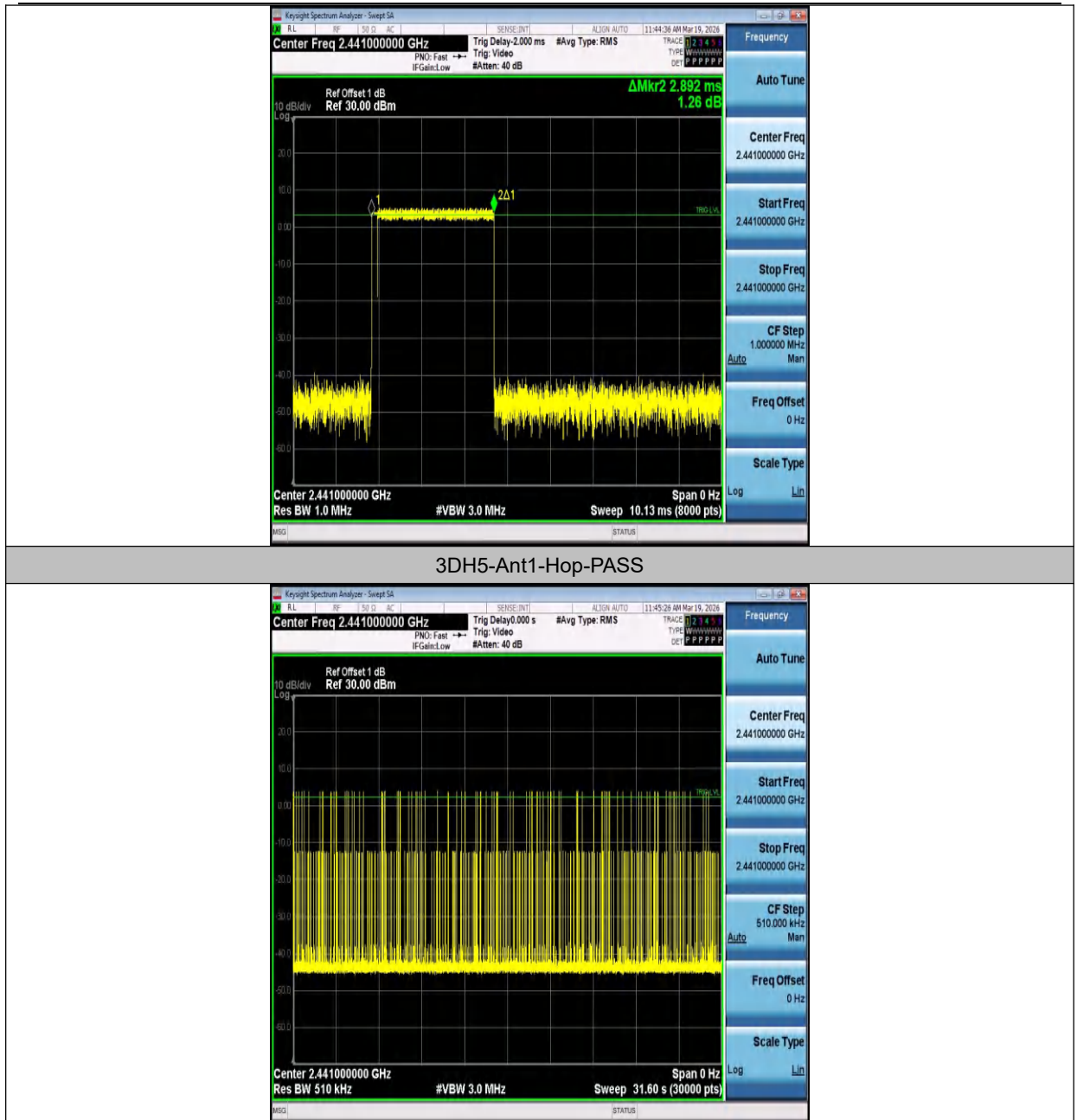
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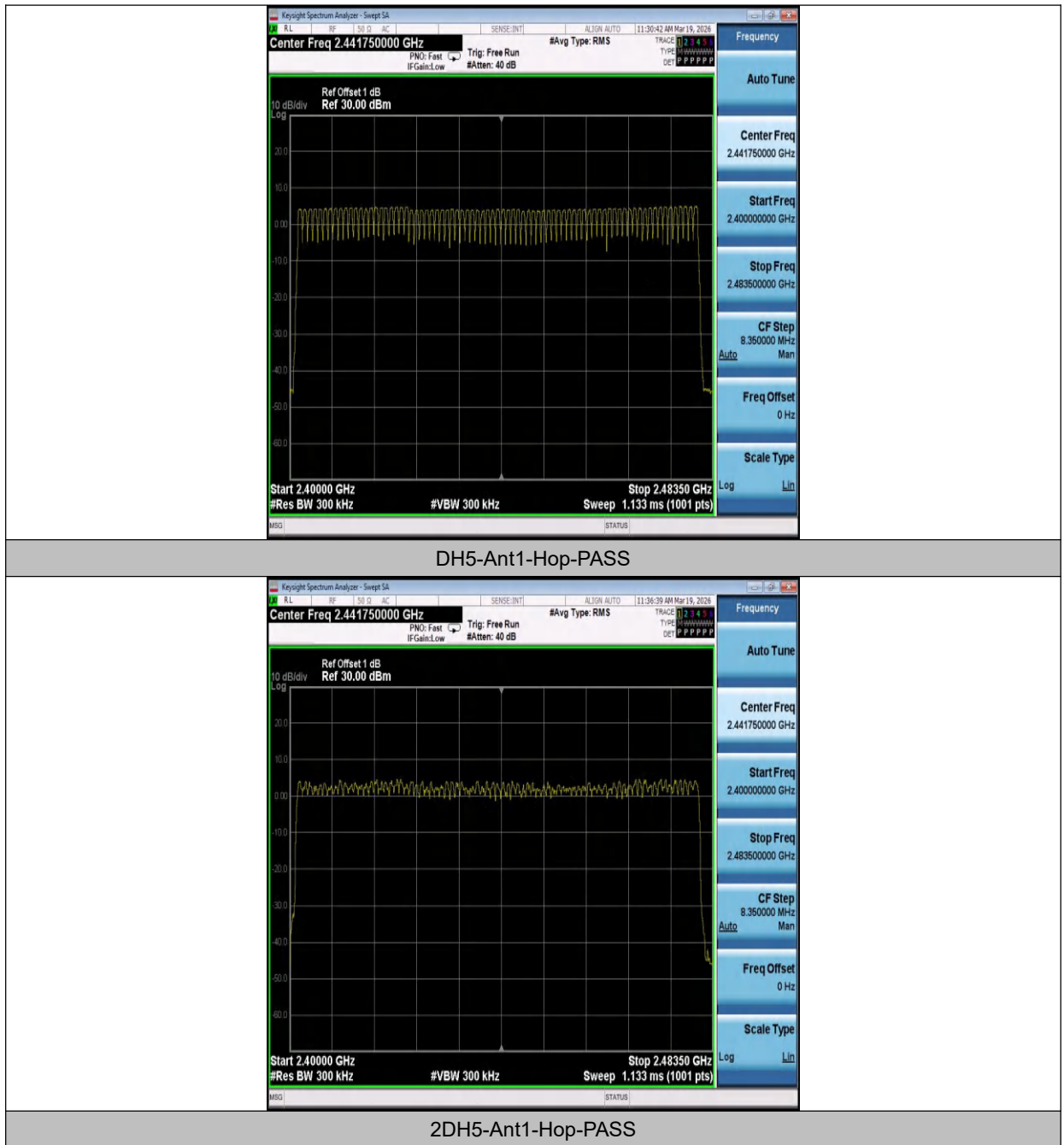
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Appendix F: Number of Hopping Channel

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

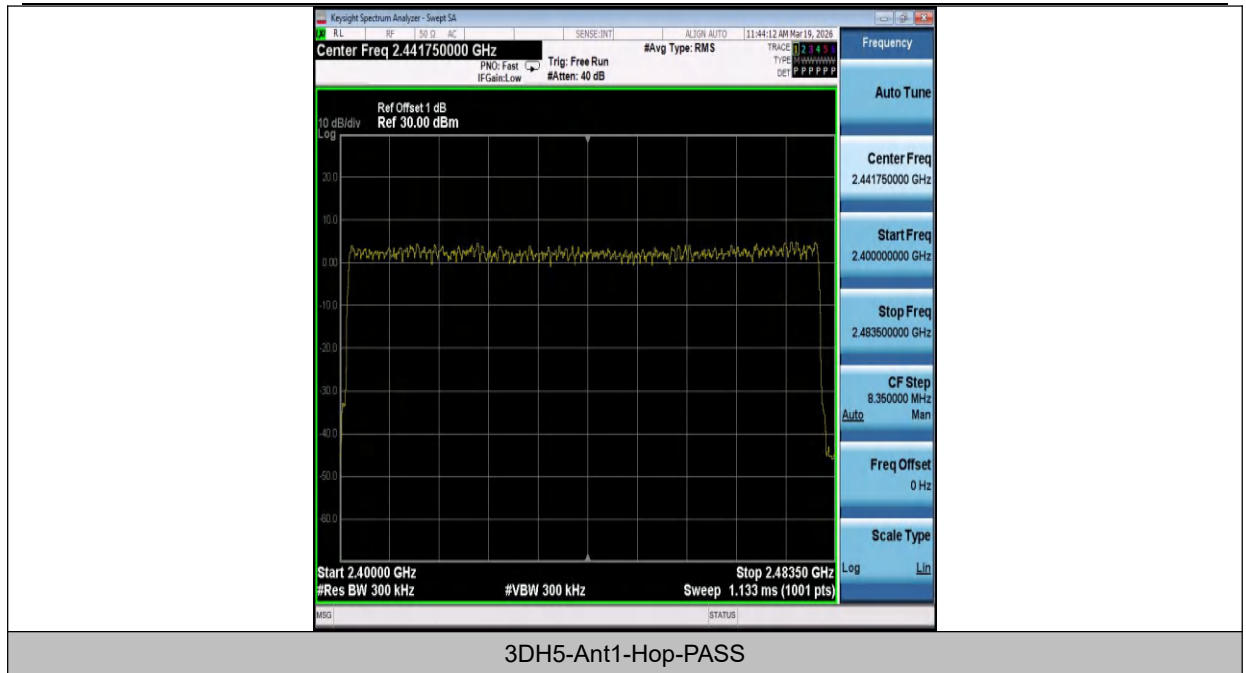
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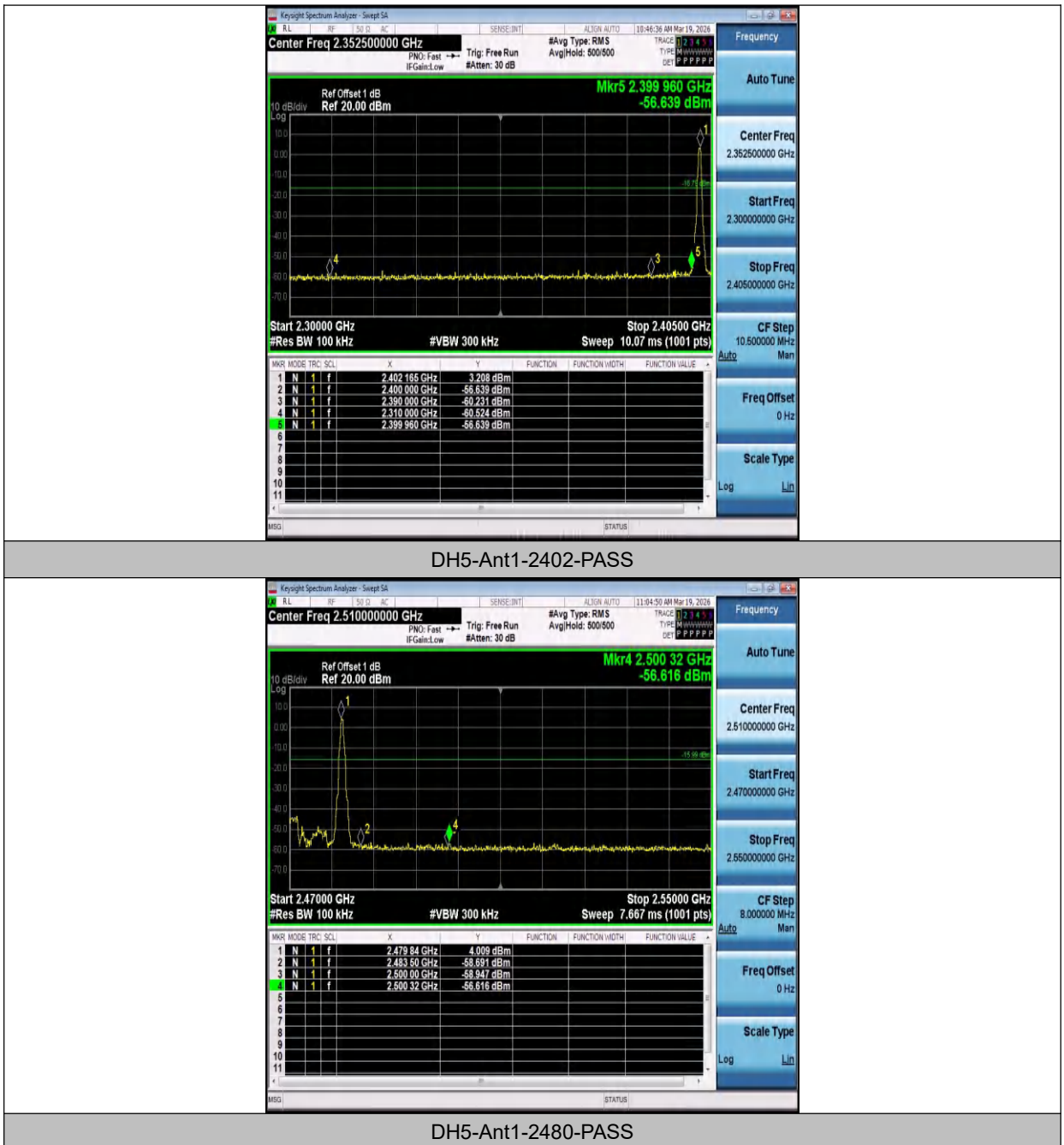
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	3.21	-56.64	≤-16.79	PASS
DH5	Ant1	High	2480	4.01	-56.62	≤-15.99	PASS
DH5	Ant1	Low	Hop_2402	3.61	-57.73	≤-16.39	PASS
DH5	Ant1	High	Hop_2480	4.50	-56.57	≤-15.5	PASS
2DH5	Ant1	Low	2402	2.60	-52.02	≤-17.41	PASS
2DH5	Ant1	High	2480	3.95	-57.06	≤-16.05	PASS
2DH5	Ant1	Low	Hop_2402	3.62	-52.36	≤-16.38	PASS
2DH5	Ant1	High	Hop_2480	2.48	-56.92	≤-17.52	PASS
3DH5	Ant1	Low	2402	3.07	-51.29	≤-16.93	PASS
3DH5	Ant1	High	2480	3.91	-57.1	≤-16.09	PASS
3DH5	Ant1	Low	Hop_2402	0.83	-50.79	≤-19.17	PASS
3DH5	Ant1	High	Hop_2480	4.65	-57.2	≤-15.35	PASS

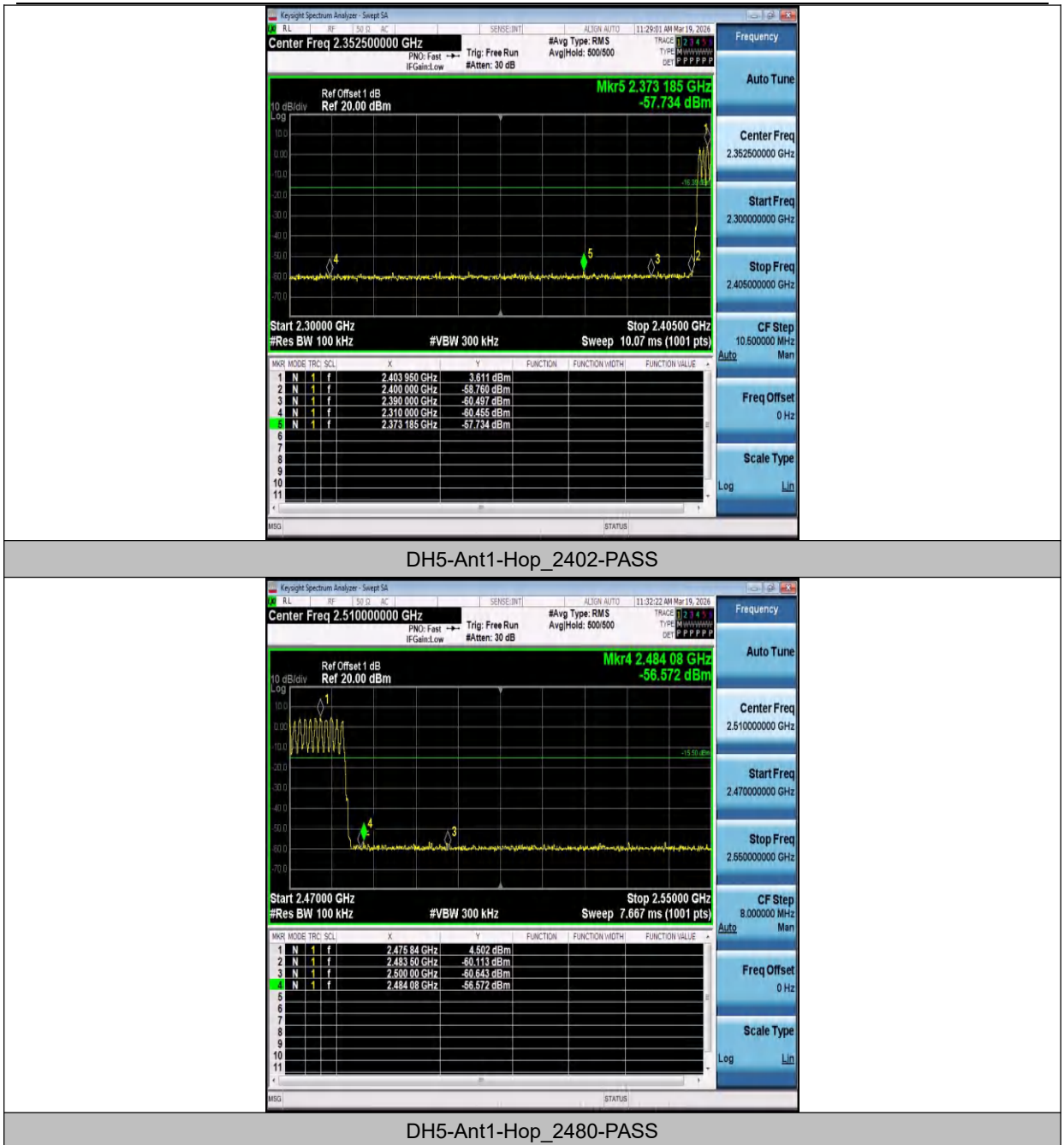
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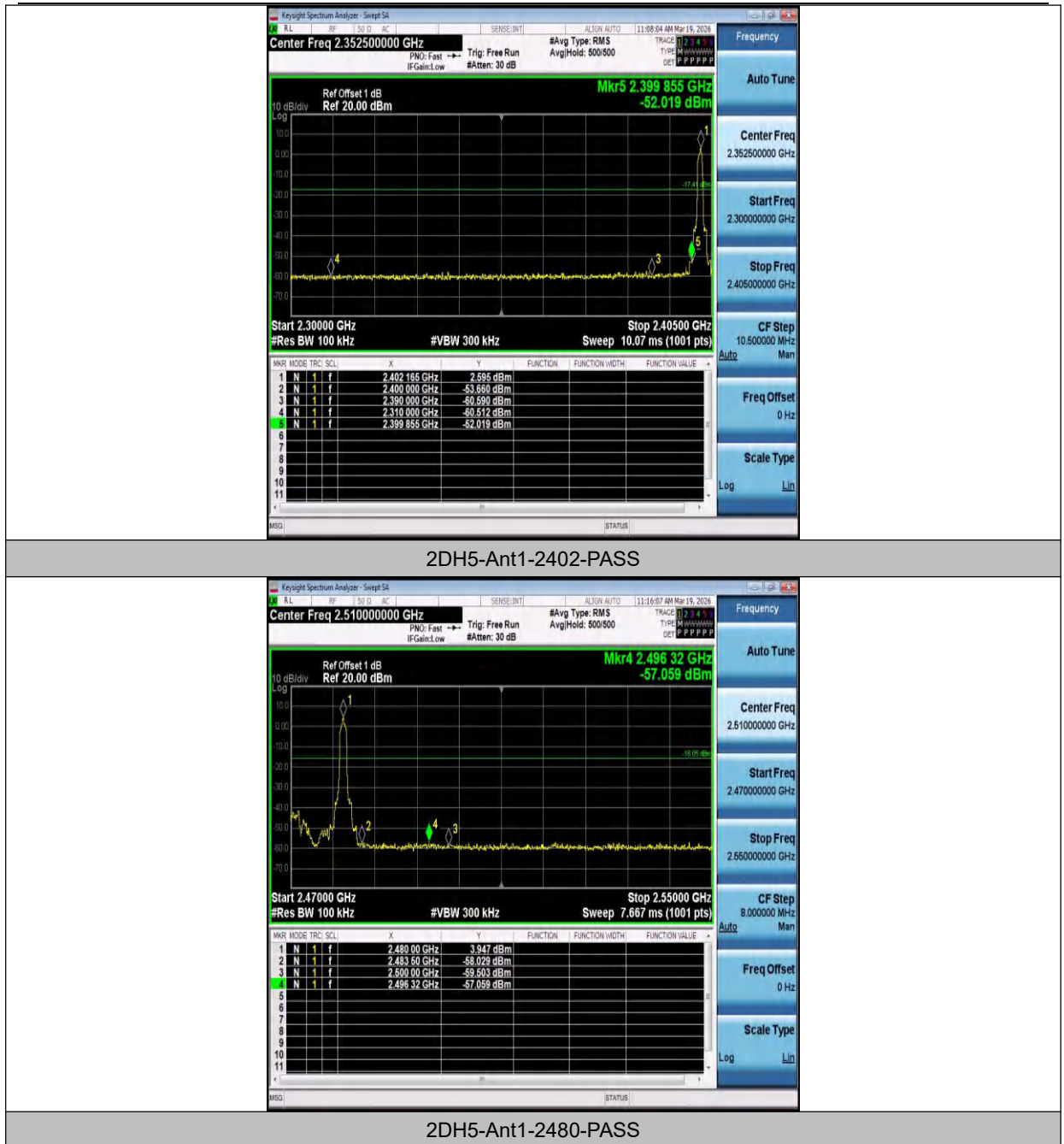


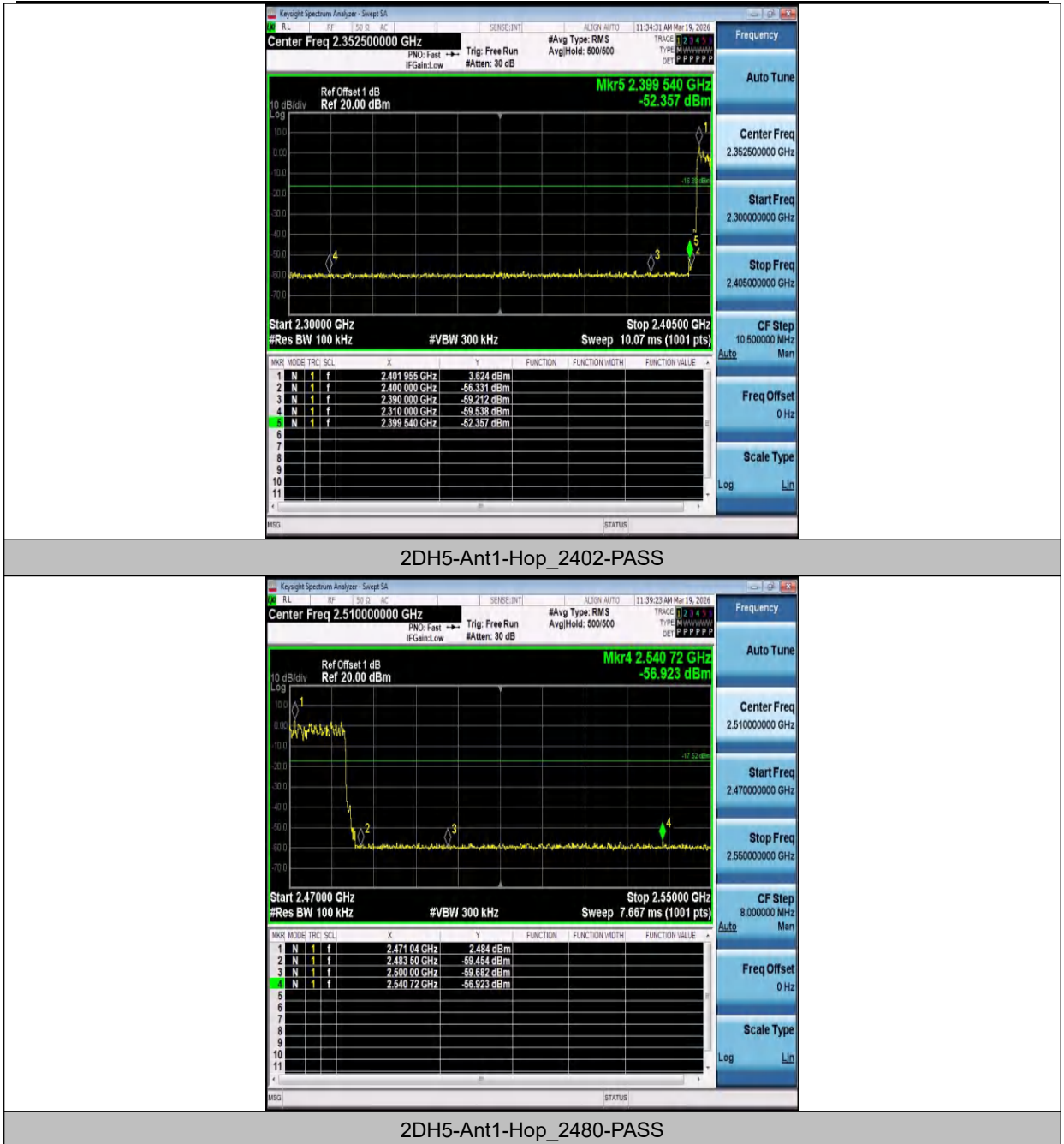
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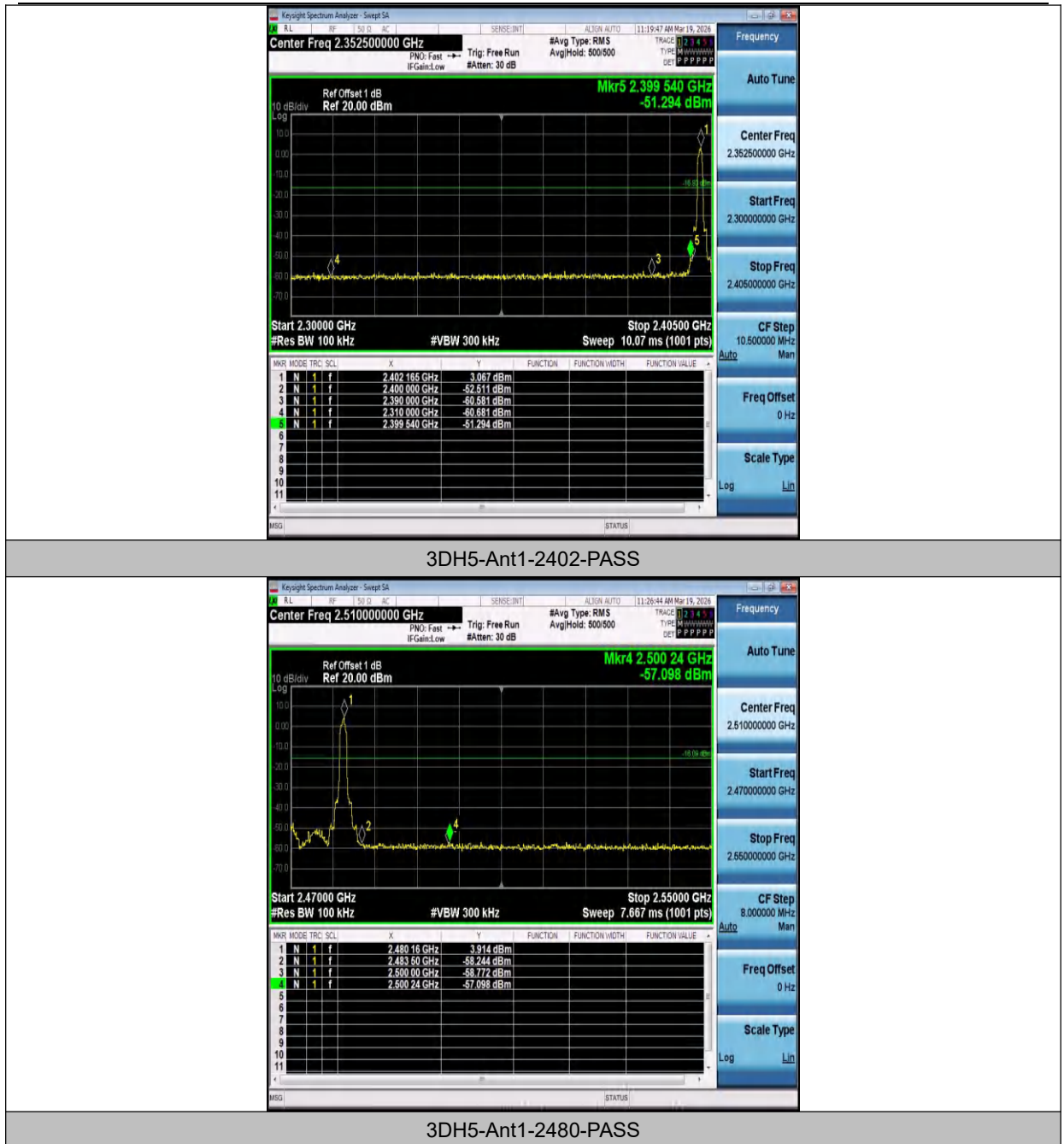
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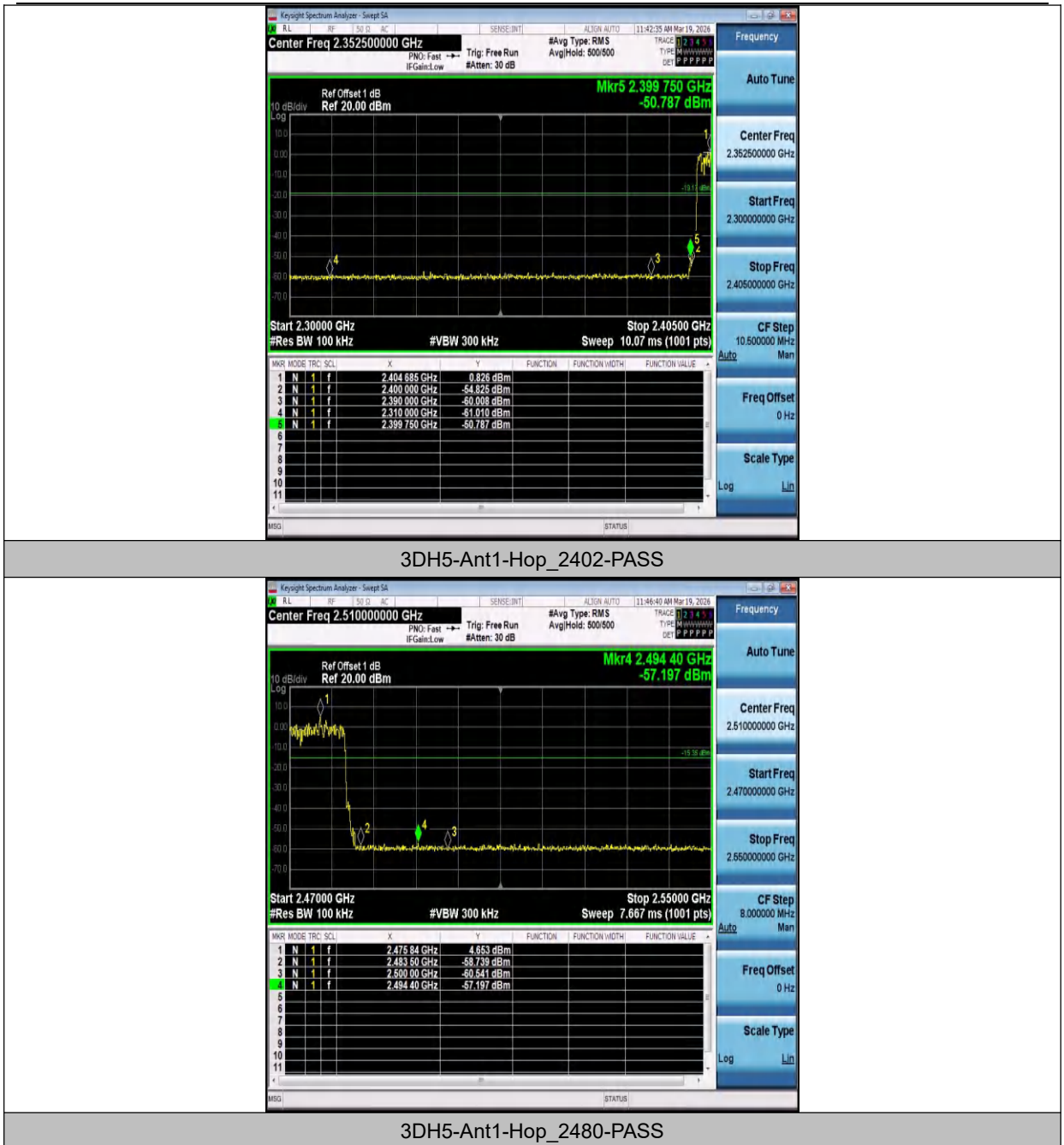
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Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	3.10	3.10	---	PASS
DH5	Ant1	2402	30~1000	3.10	-59.02	≤-16.9	PASS
DH5	Ant1	2402	1000~26500	3.10	-48.84	≤-16.9	PASS
DH5	Ant1	2441	0~Reference	2.99	2.99	---	PASS
DH5	Ant1	2441	30~1000	2.99	-59.01	≤-17.01	PASS
DH5	Ant1	2441	1000~26500	2.99	-48.73	≤-17.01	PASS
DH5	Ant1	2480	0~Reference	3.95	3.95	---	PASS
DH5	Ant1	2480	30~1000	3.95	-58.49	≤-16.05	PASS
DH5	Ant1	2480	1000~26500	3.95	-48.81	≤-16.05	PASS
2DH5	Ant1	2402	0~Reference	2.90	2.90	---	PASS
2DH5	Ant1	2402	30~1000	2.90	-58.88	≤-17.1	PASS
2DH5	Ant1	2402	1000~26500	2.90	-48.83	≤-17.1	PASS
2DH5	Ant1	2441	0~Reference	-0.65	-0.65	---	PASS
2DH5	Ant1	2441	30~1000	-0.65	-58.82	≤-20.65	PASS
2DH5	Ant1	2441	1000~26500	-0.65	-48.53	≤-20.65	PASS
2DH5	Ant1	2480	0~Reference	3.26	3.26	---	PASS
2DH5	Ant1	2480	30~1000	3.26	-59.61	≤-16.74	PASS
2DH5	Ant1	2480	1000~26500	3.26	-48.24	≤-16.74	PASS
3DH5	Ant1	2402	0~Reference	2.30	2.30	---	PASS
3DH5	Ant1	2402	30~1000	2.30	-58.75	≤-17.7	PASS
3DH5	Ant1	2402	1000~26500	2.30	-49.01	≤-17.7	PASS
3DH5	Ant1	2441	0~Reference	2.86	2.86	---	PASS
3DH5	Ant1	2441	30~1000	2.86	-58.86	≤-17.14	PASS
3DH5	Ant1	2441	1000~26500	2.86	-47.78	≤-17.14	PASS
3DH5	Ant1	2480	0~Reference	3.70	3.70	---	PASS
3DH5	Ant1	2480	30~1000	3.70	-58.83	≤-16.3	PASS
3DH5	Ant1	2480	1000~26500	3.70	-49.25	≤-16.3	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.

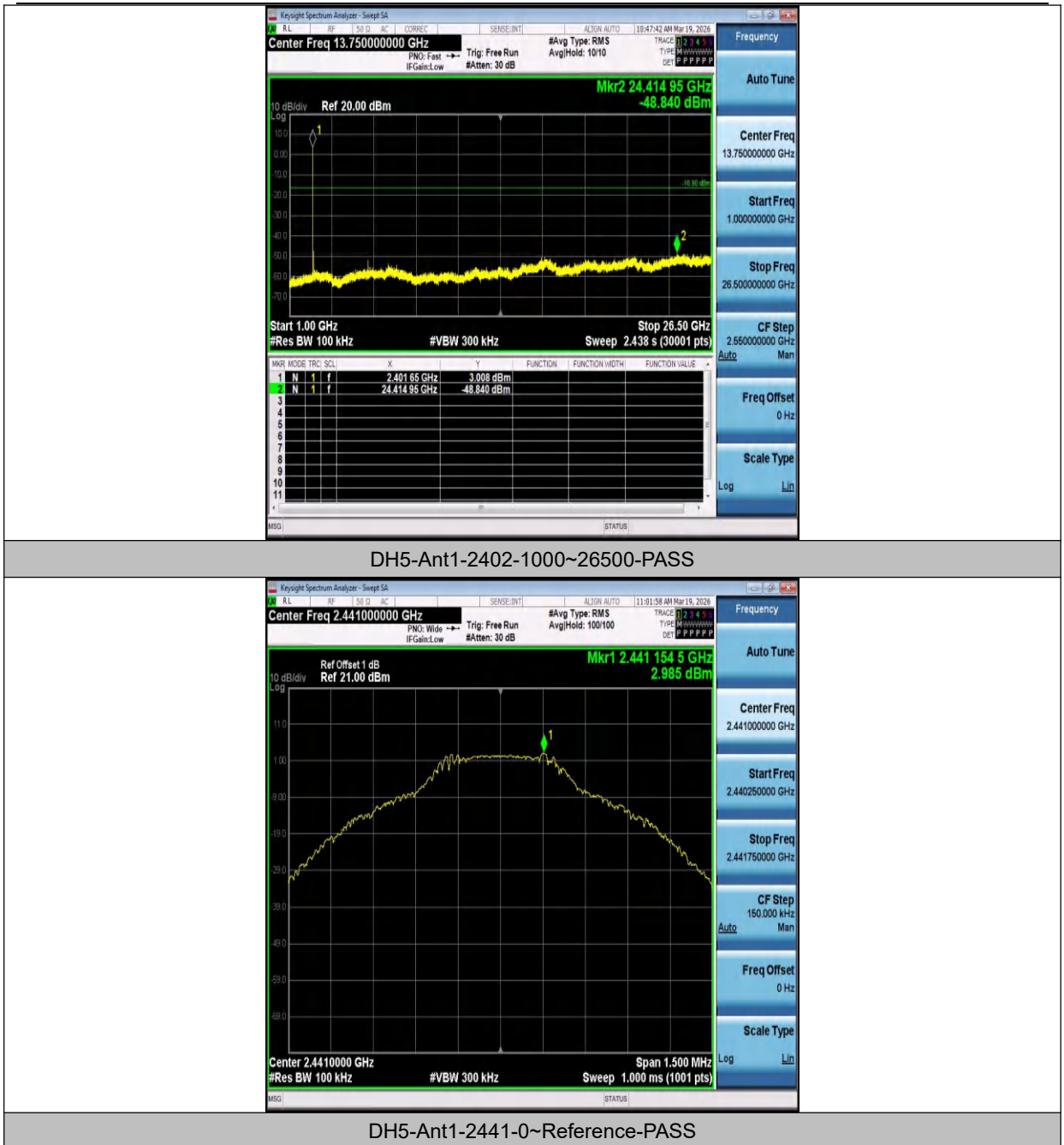
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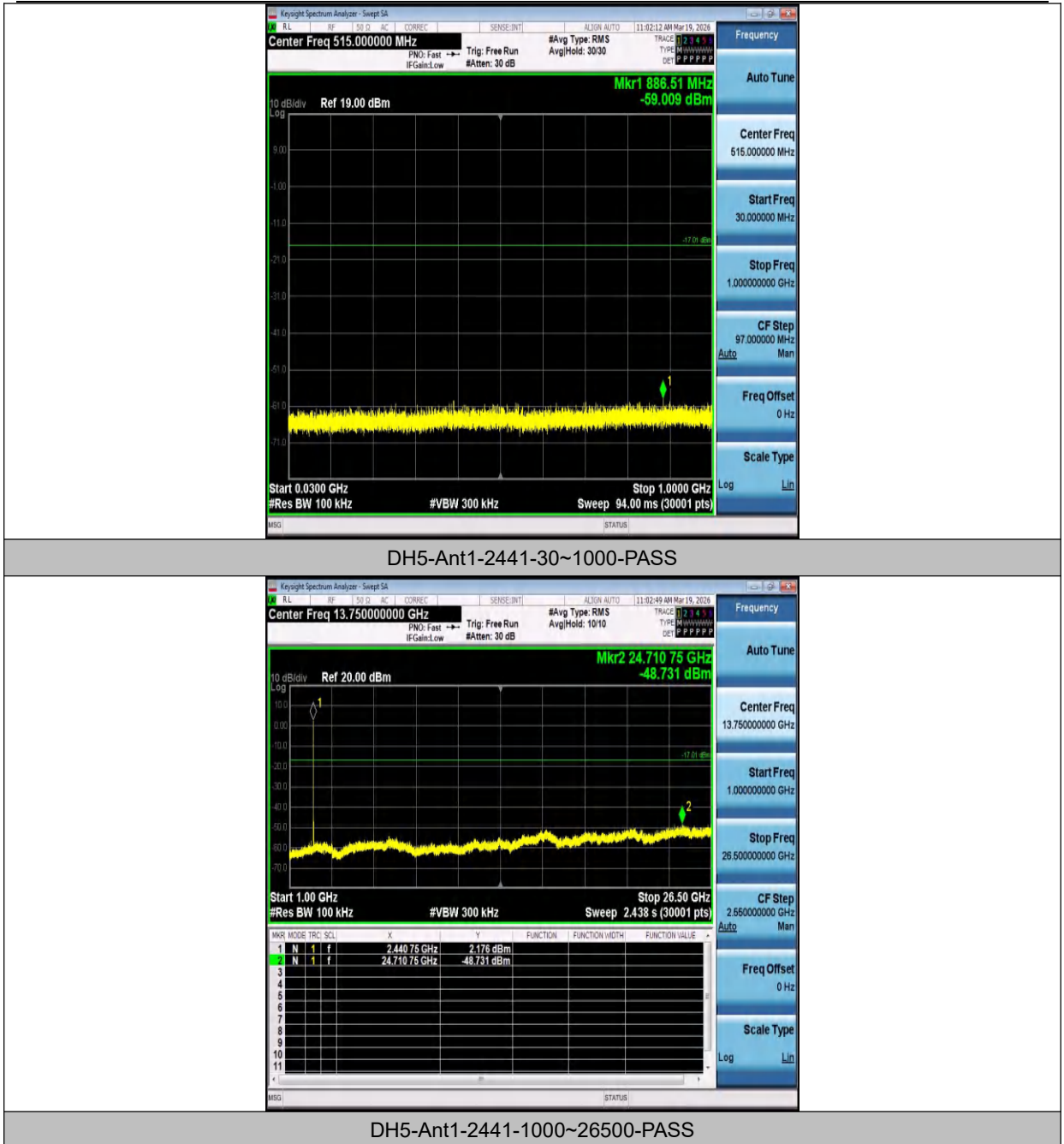
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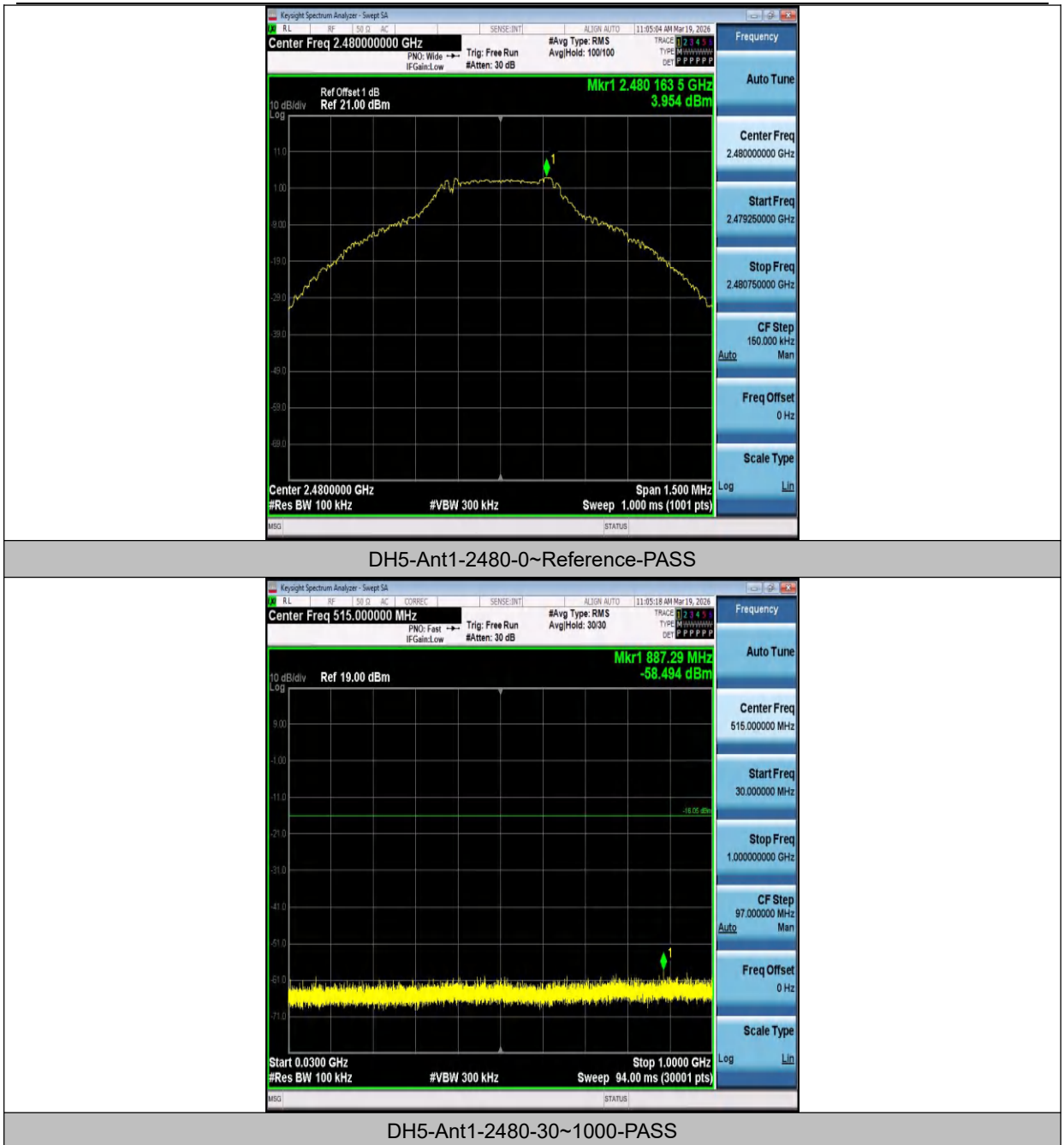
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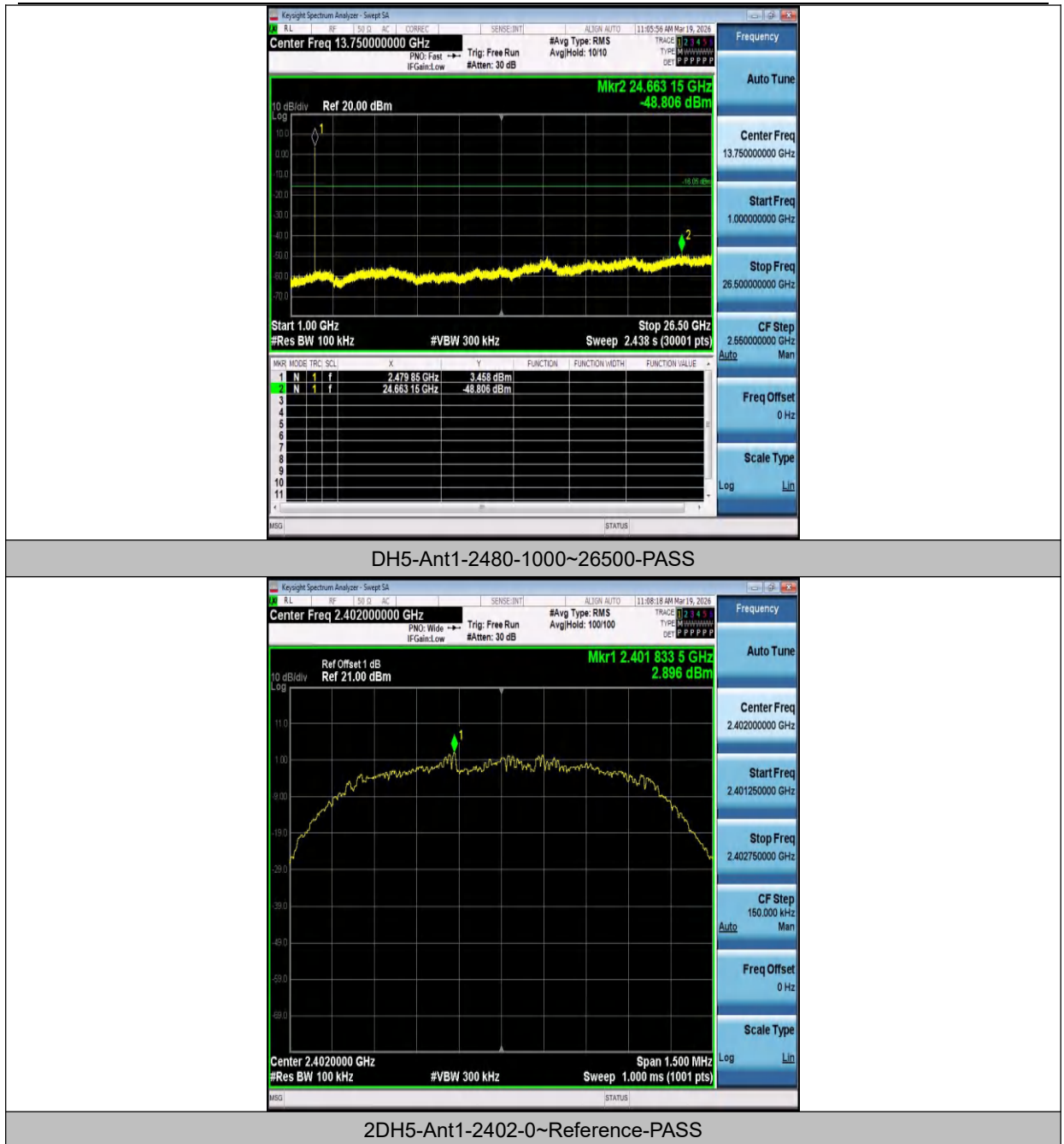
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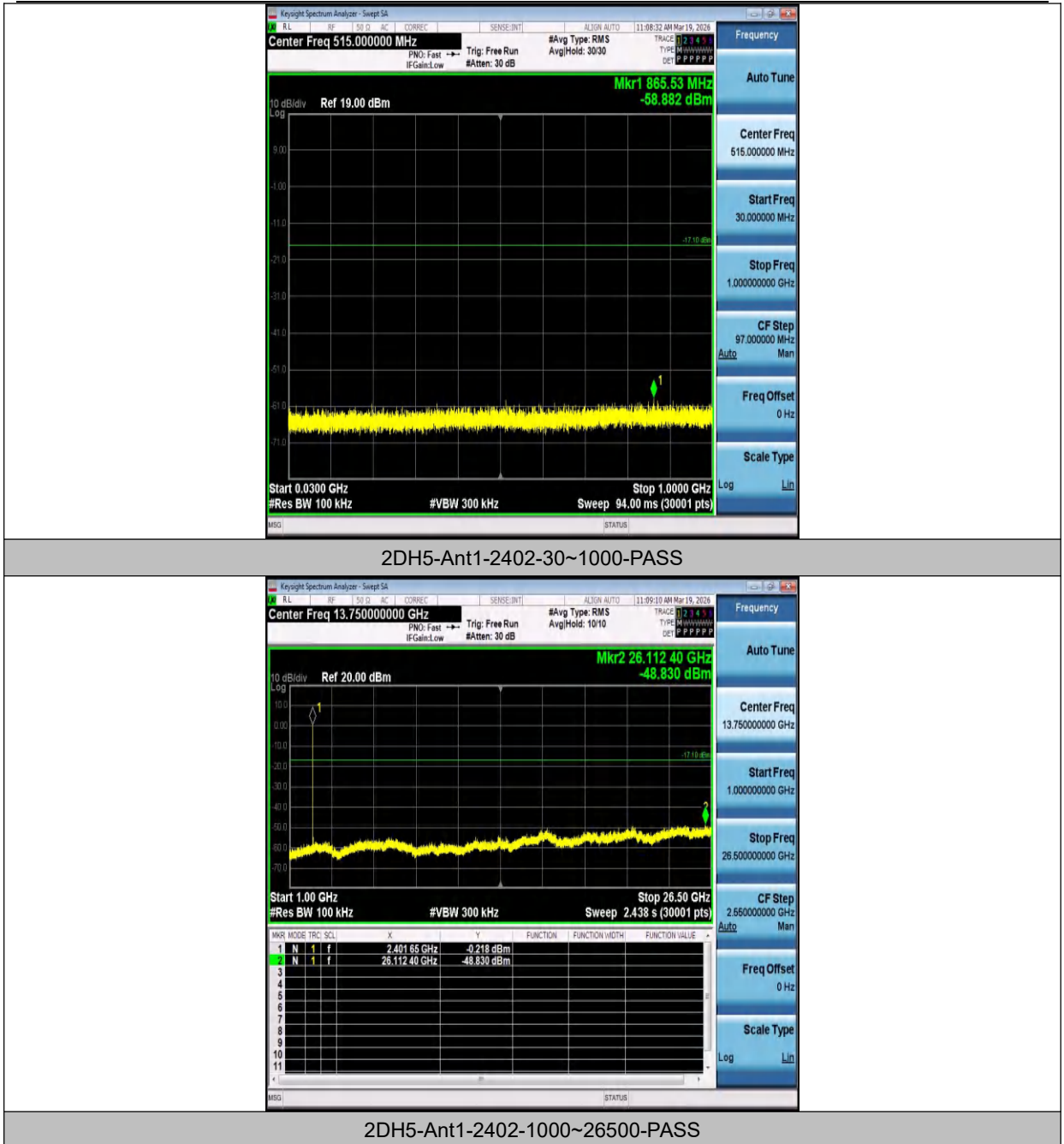
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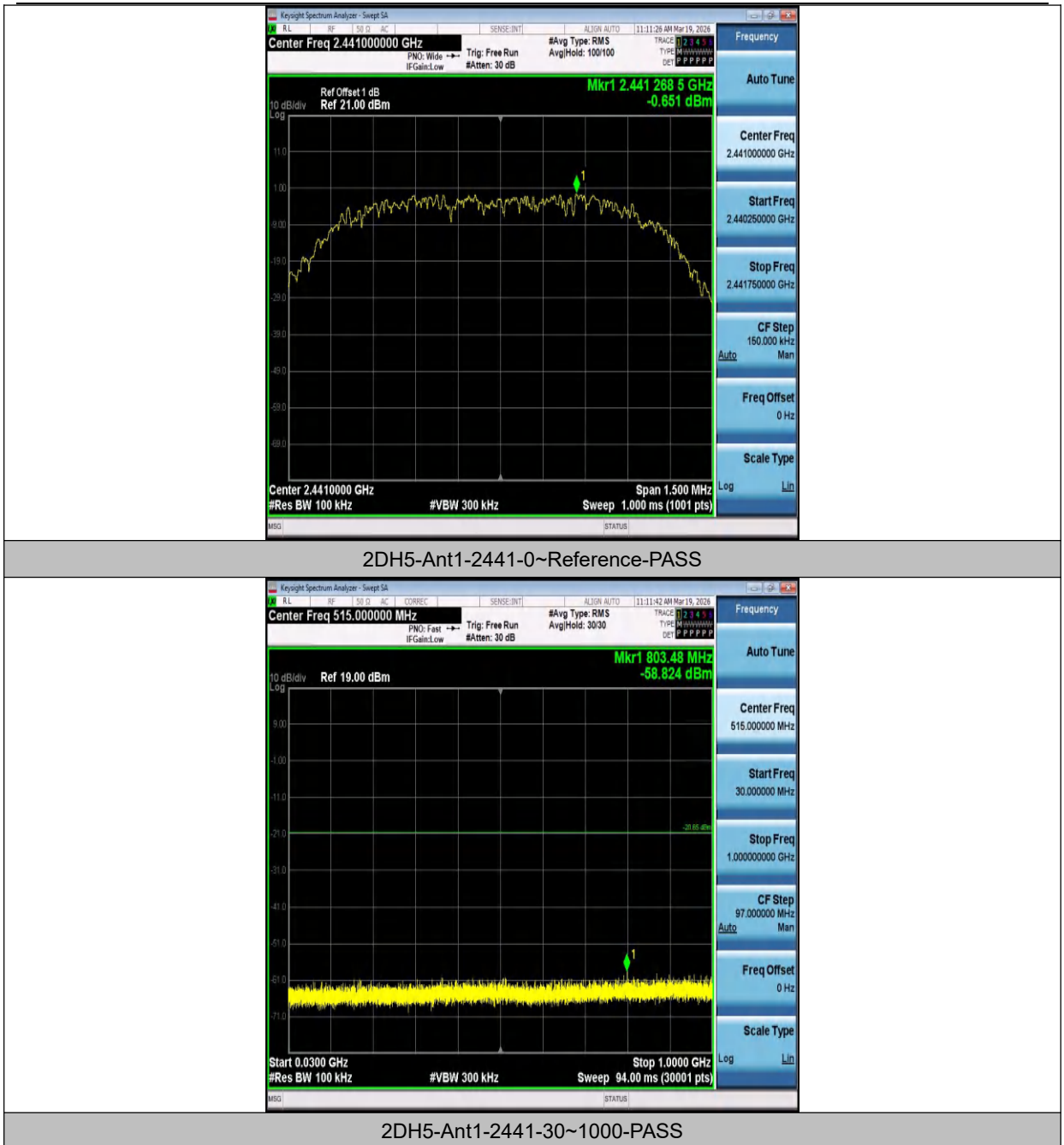
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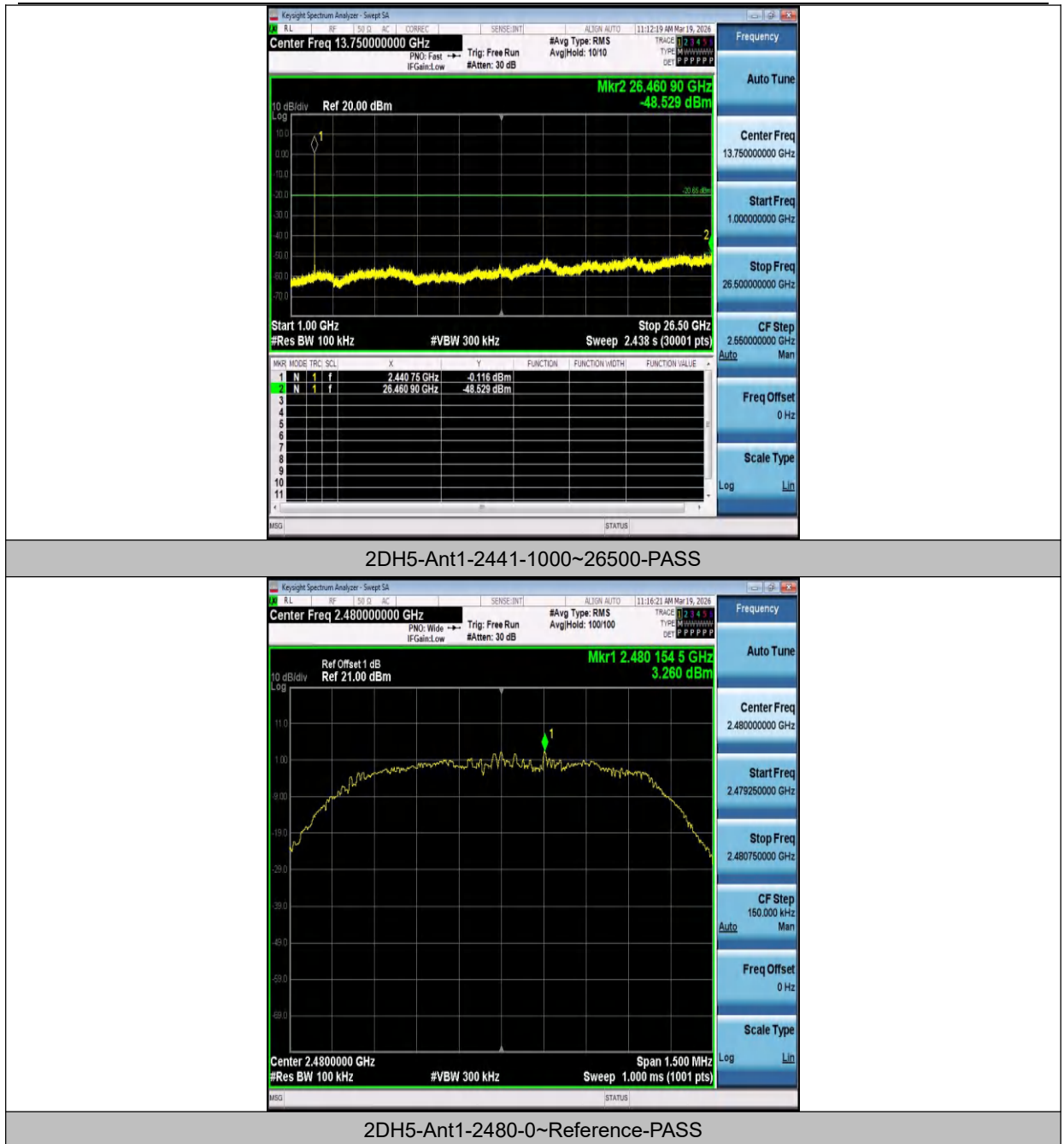
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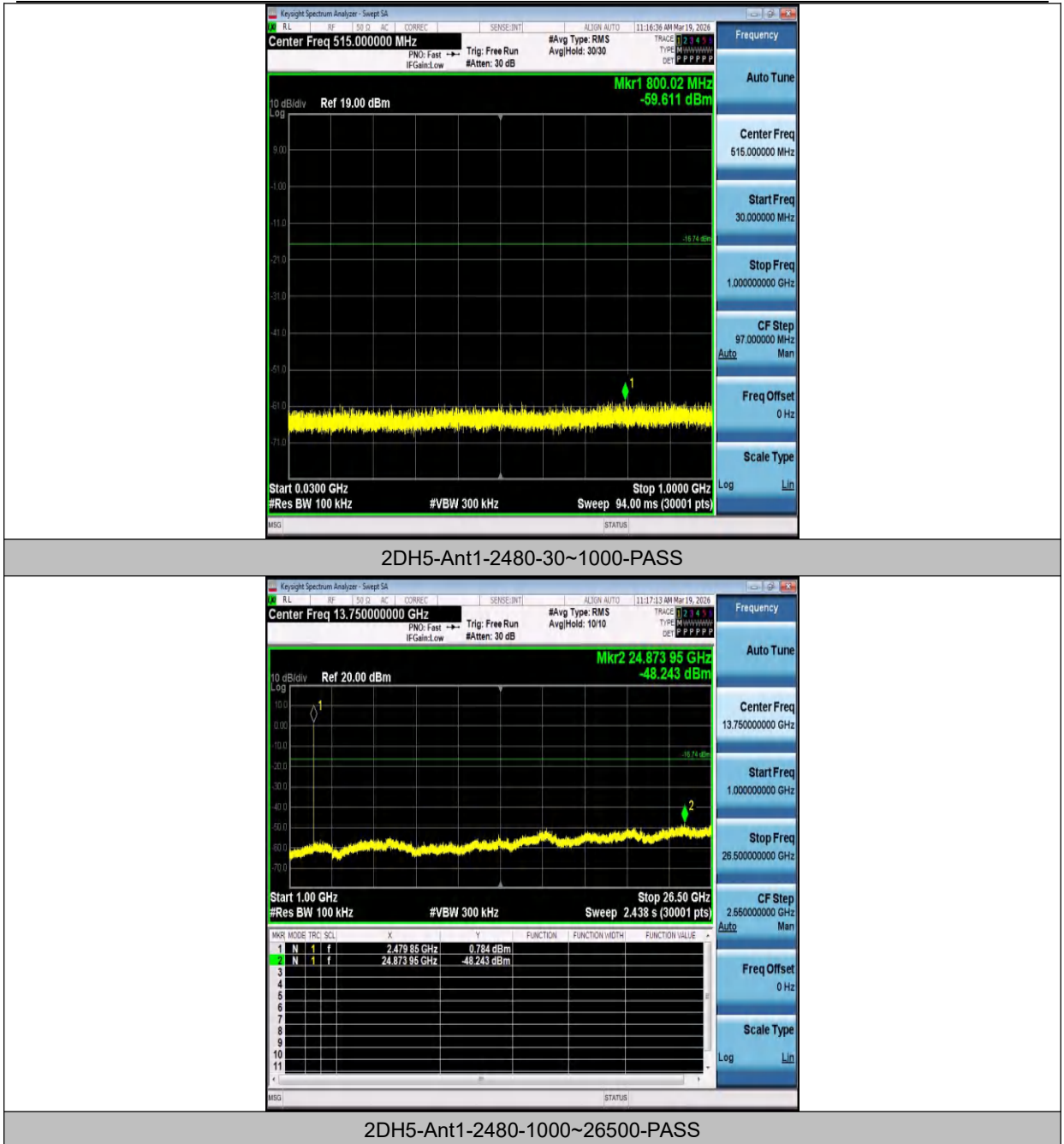
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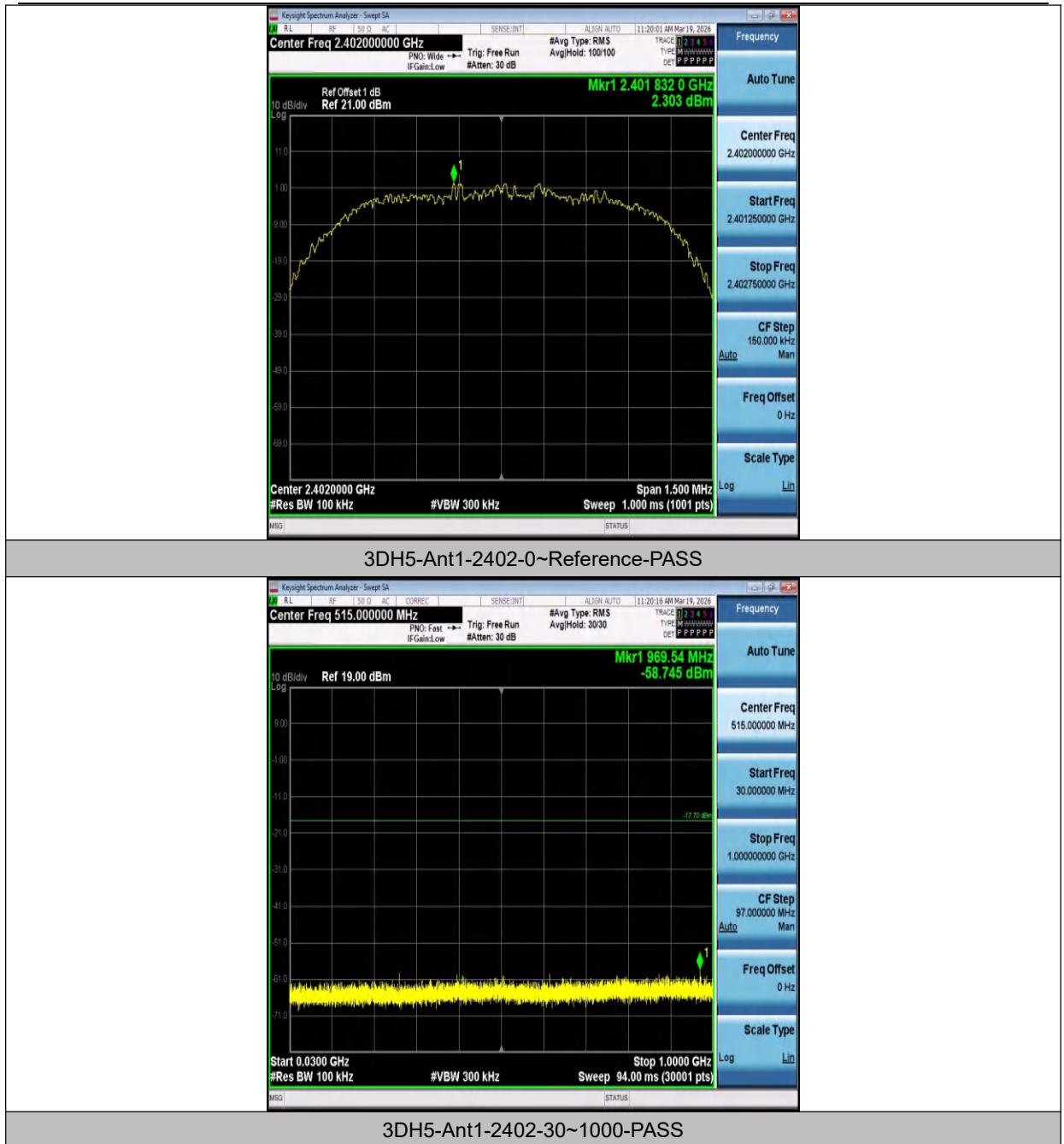
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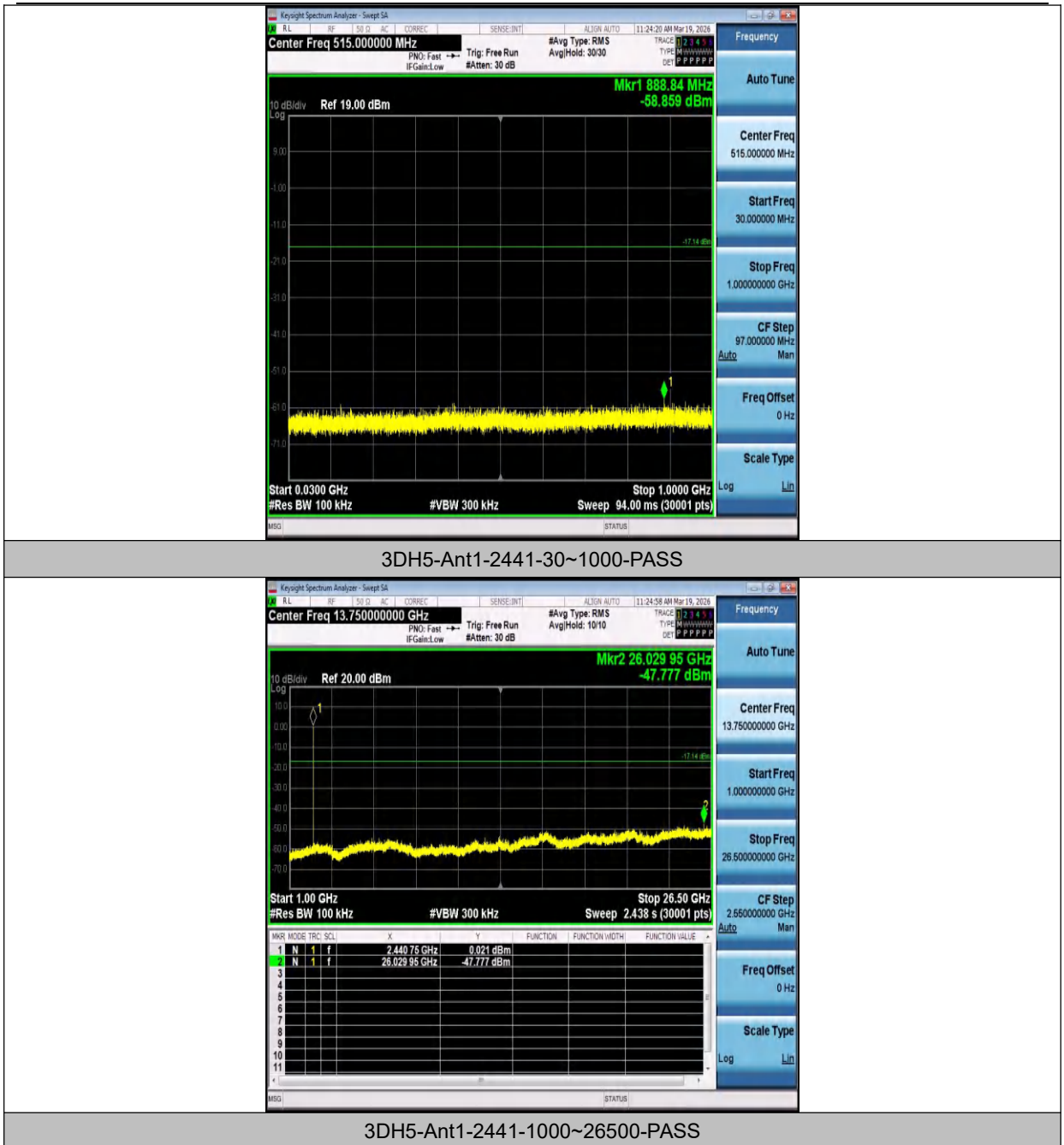
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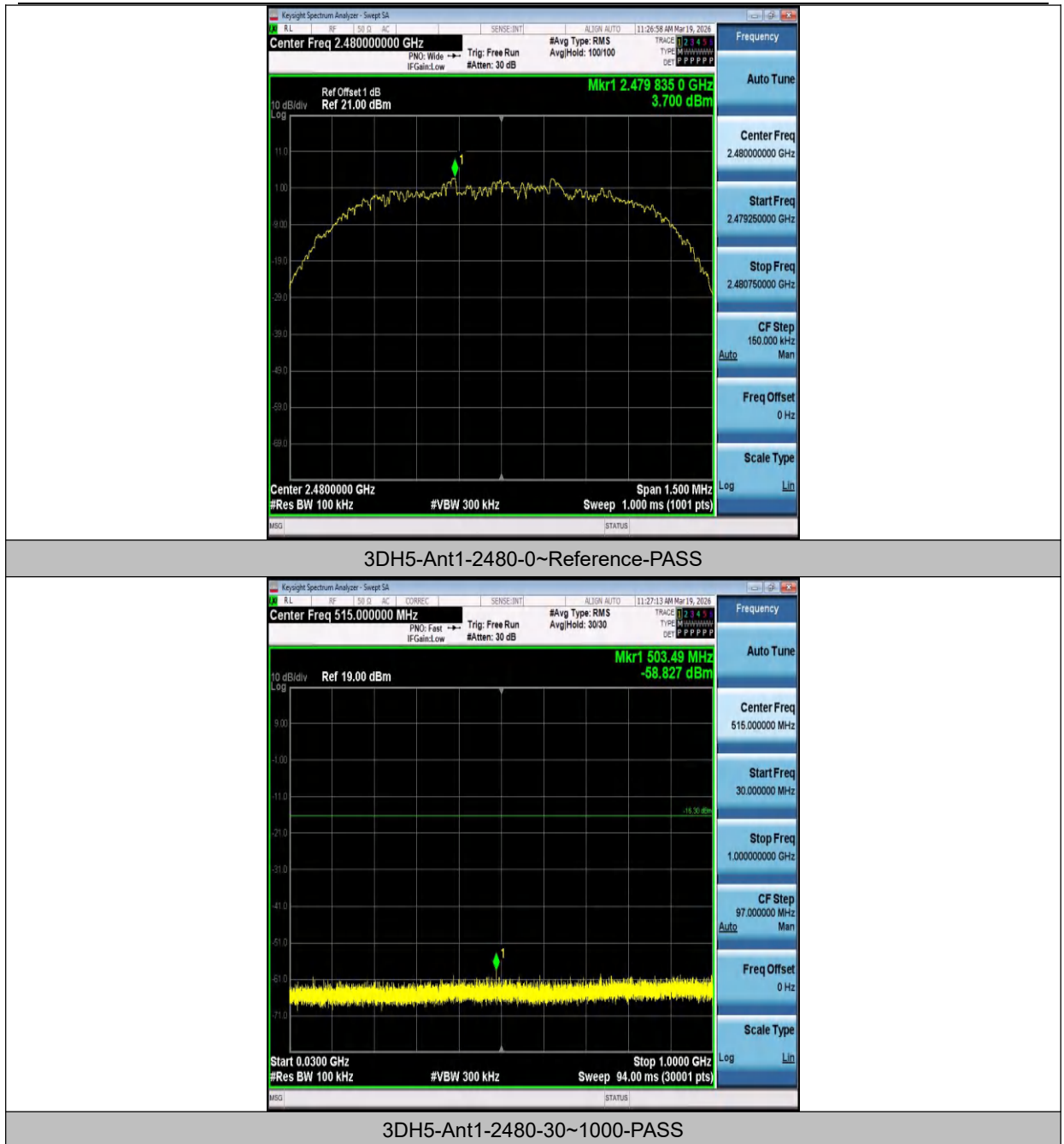
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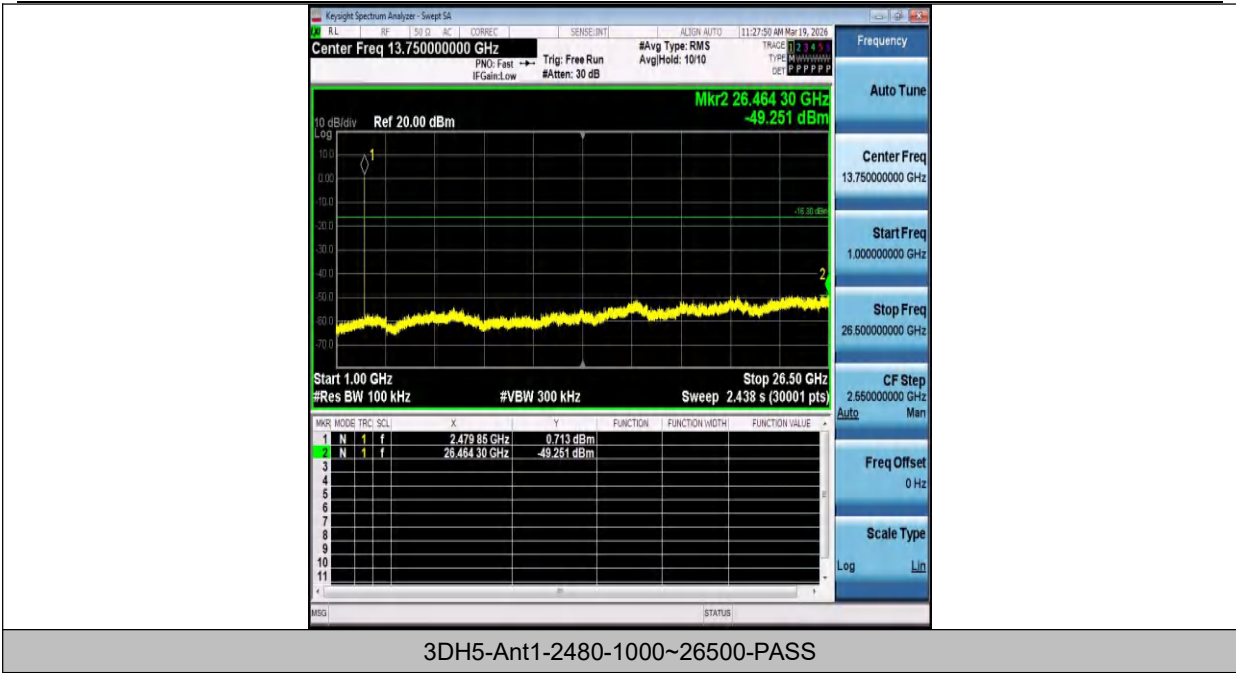
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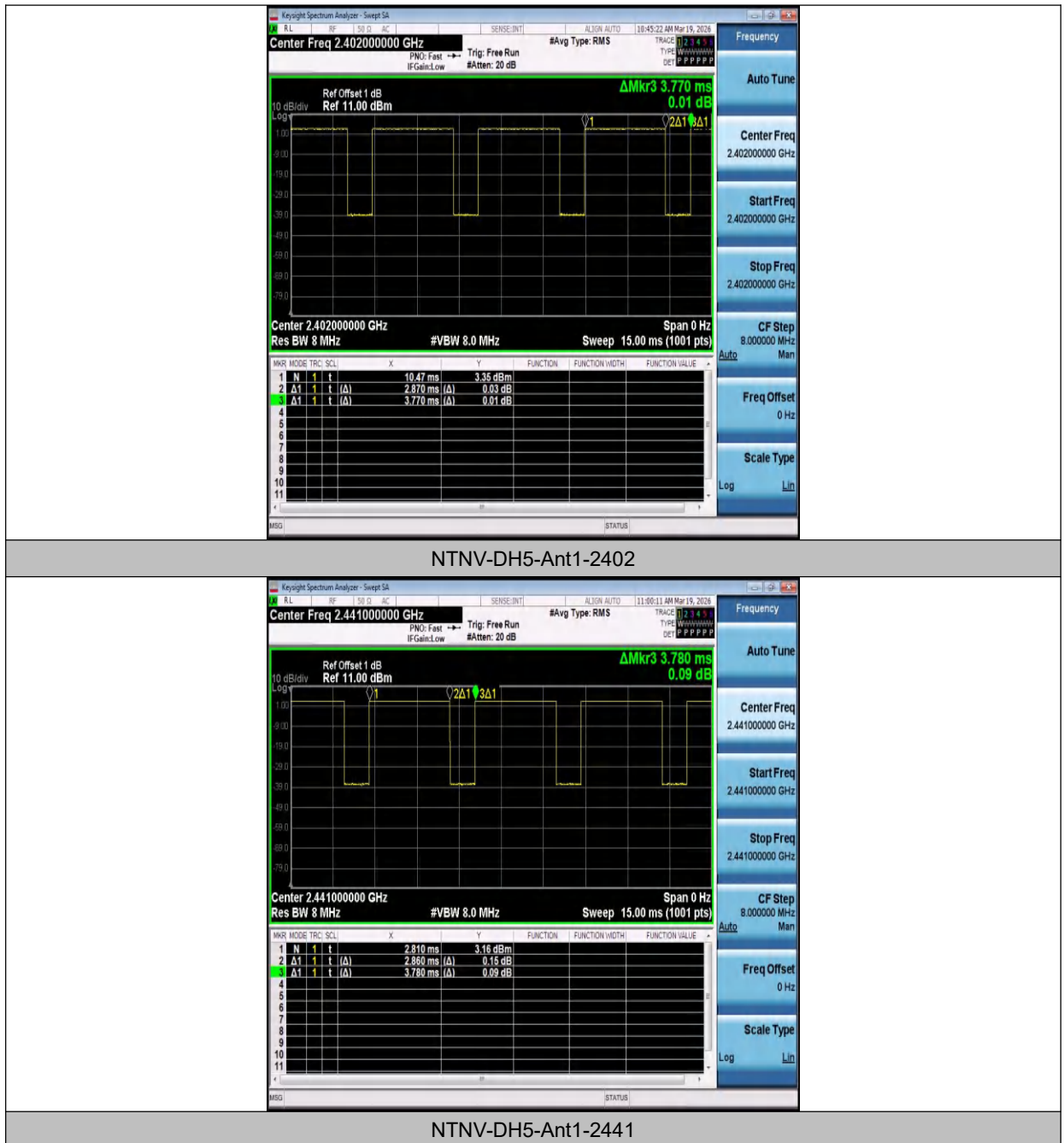
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.87	3.77	76.13	1.18
DH5	Ant1	2441	2.86	3.78	75.66	1.21
DH5	Ant1	2480	2.86	3.76	76.06	1.19
2DH5	Ant1	2402	2.88	3.78	76.19	1.18
2DH5	Ant1	2441	2.88	3.79	75.99	1.19
2DH5	Ant1	2480	2.88	3.78	76.19	1.18
3DH5	Ant1	2402	2.88	3.78	76.19	1.18
3DH5	Ant1	2441	2.88	3.79	75.99	1.19
3DH5	Ant1	2480	2.88	3.79	75.99	1.19

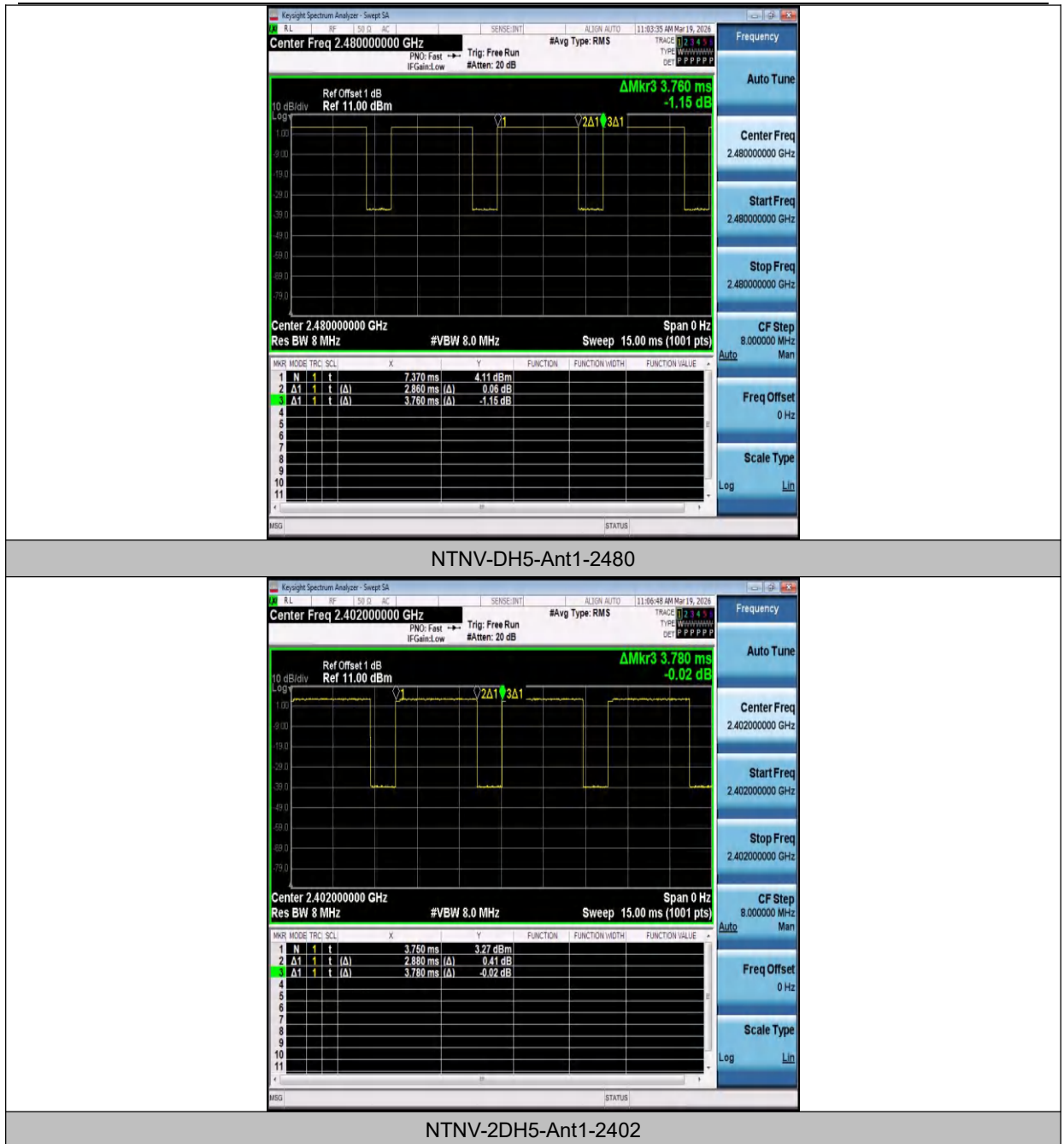
Test Graphs



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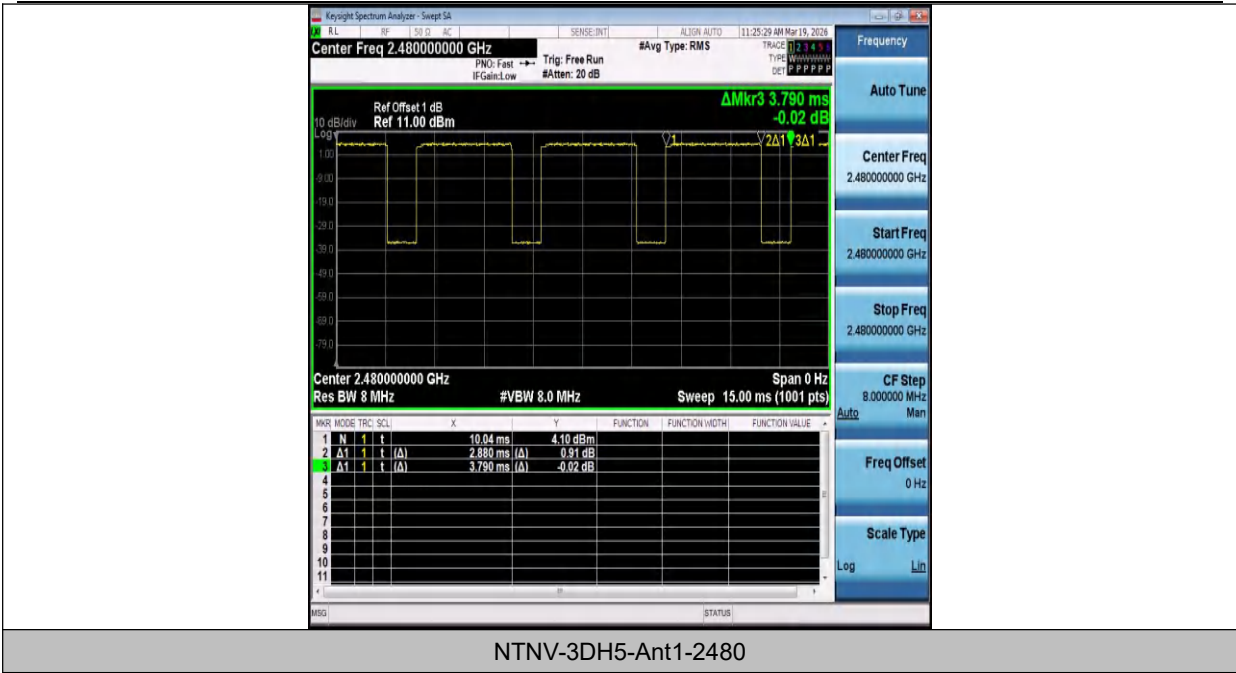


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