

Appendix Test Data

Report No.:	1812C60519912501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-9	Finish Test Date:	2026-9-14
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.2°C	Relative Humidity:	62%
Pressure:	100.8kPa		

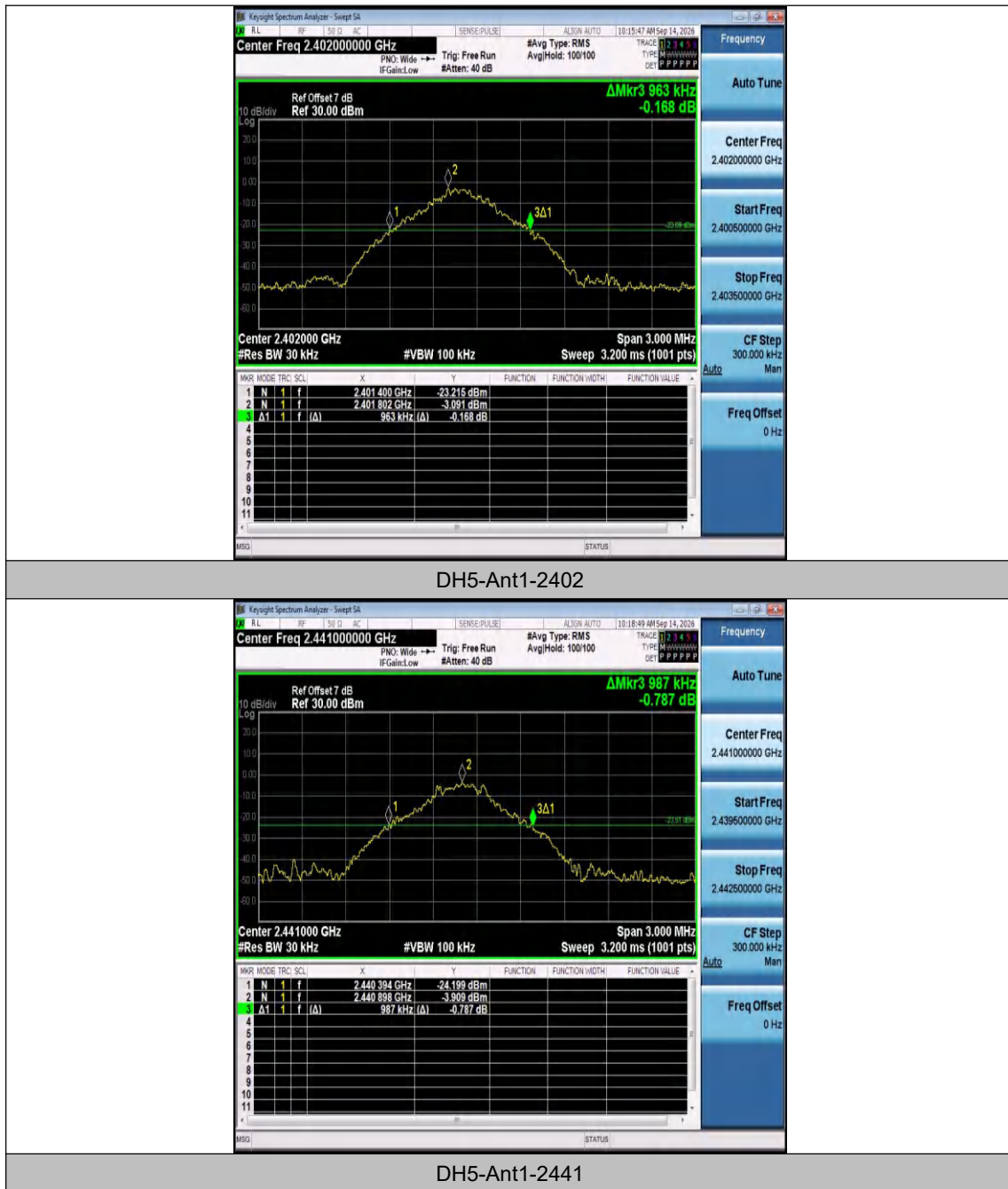


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.400	2402.363	---	---
DH5	Ant1	2441	0.987	2440.394	2441.381	---	---
DH5	Ant1	2480	0.942	2479.406	2480.348	---	---
2DH5	Ant1	2402	1.278	2401.247	2402.525	---	---
2DH5	Ant1	2441	1.323	2440.217	2441.540	---	---
2DH5	Ant1	2480	1.308	2479.226	2480.534	---	---
3DH5	Ant1	2402	1.302	2401.229	2402.531	---	---
3DH5	Ant1	2441	1.308	2440.226	2441.534	---	---
3DH5	Ant1	2480	1.278	2479.229	2480.507	---	---

Test Graphs



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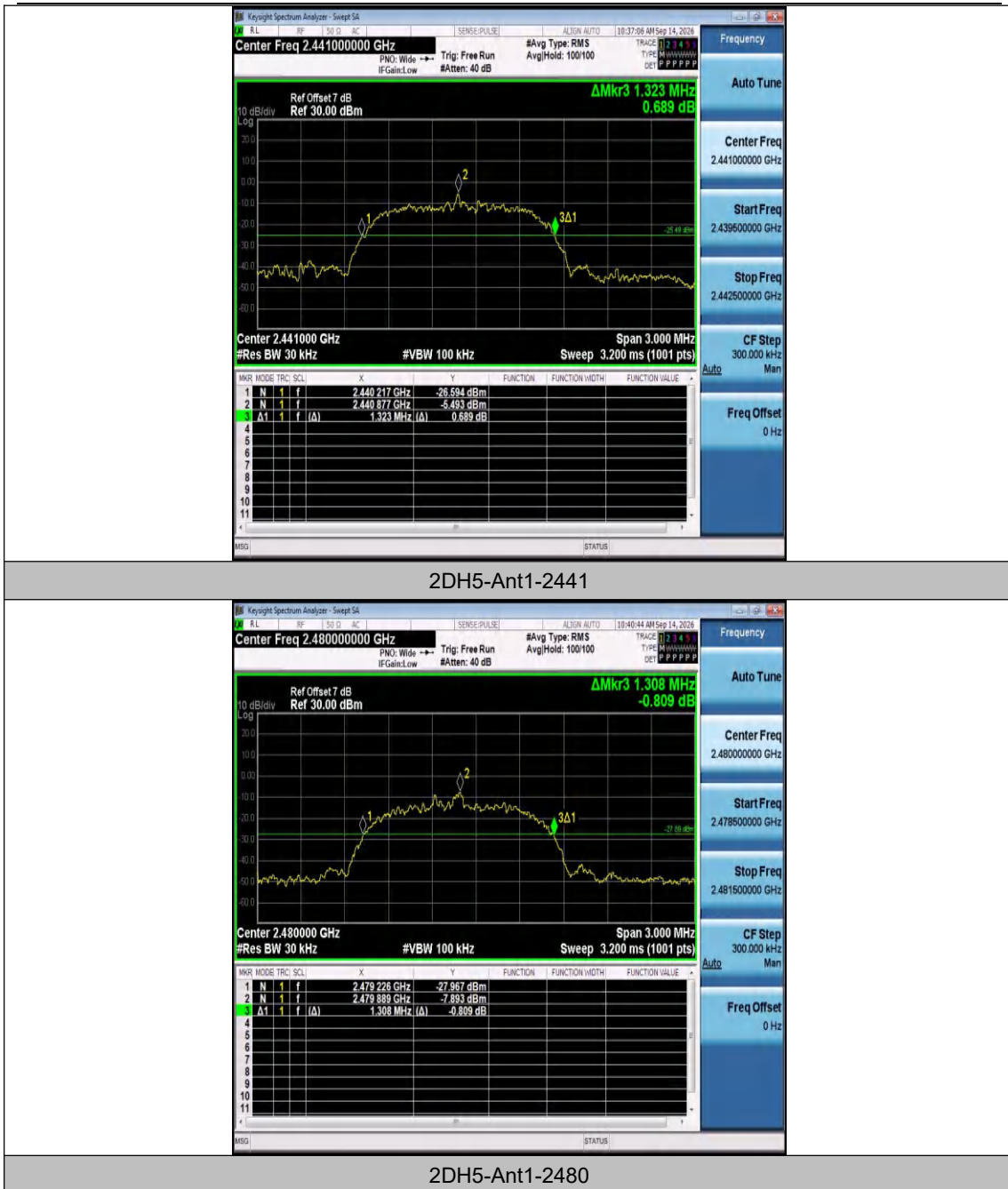
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3DH5-Ant1-2480

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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	0.84832	2401.4632	2402.3115	---	---
DH5	Ant1	2441	0.85323	2440.4534	2441.3066	---	---
DH5	Ant1	2480	0.88327	2479.4420	2480.3253	---	---
2DH5	Ant1	2402	1.1962	2401.2866	2402.4828	---	---
2DH5	Ant1	2441	1.2066	2440.2776	2441.4842	---	---
2DH5	Ant1	2480	1.1984	2479.2689	2480.4673	---	---
3DH5	Ant1	2402	1.1977	2401.2906	2402.4883	---	---
3DH5	Ant1	2441	1.1903	2440.2836	2441.4739	---	---
3DH5	Ant1	2480	1.1908	2479.2790	2480.4698	---	---

Test Graphs



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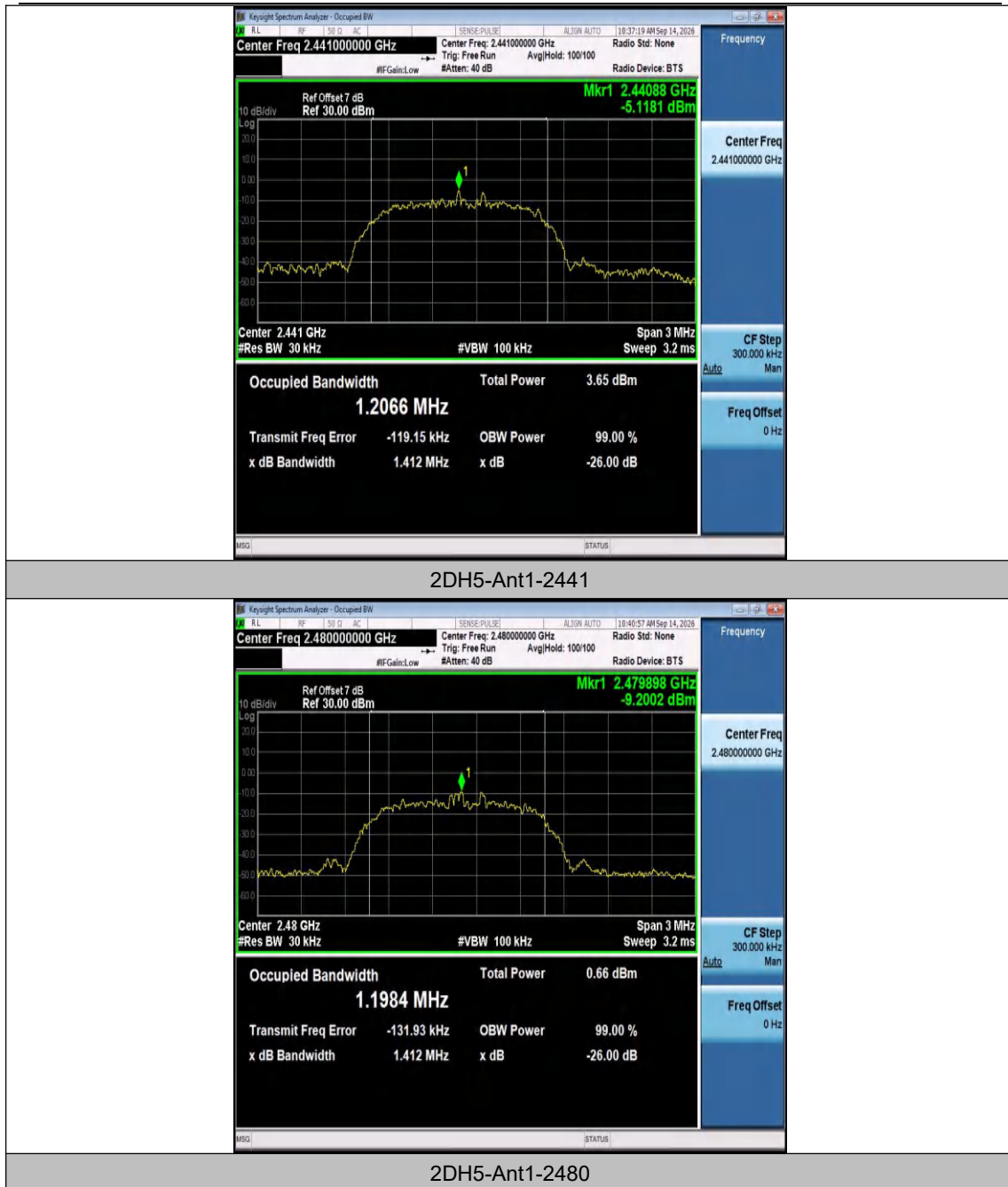
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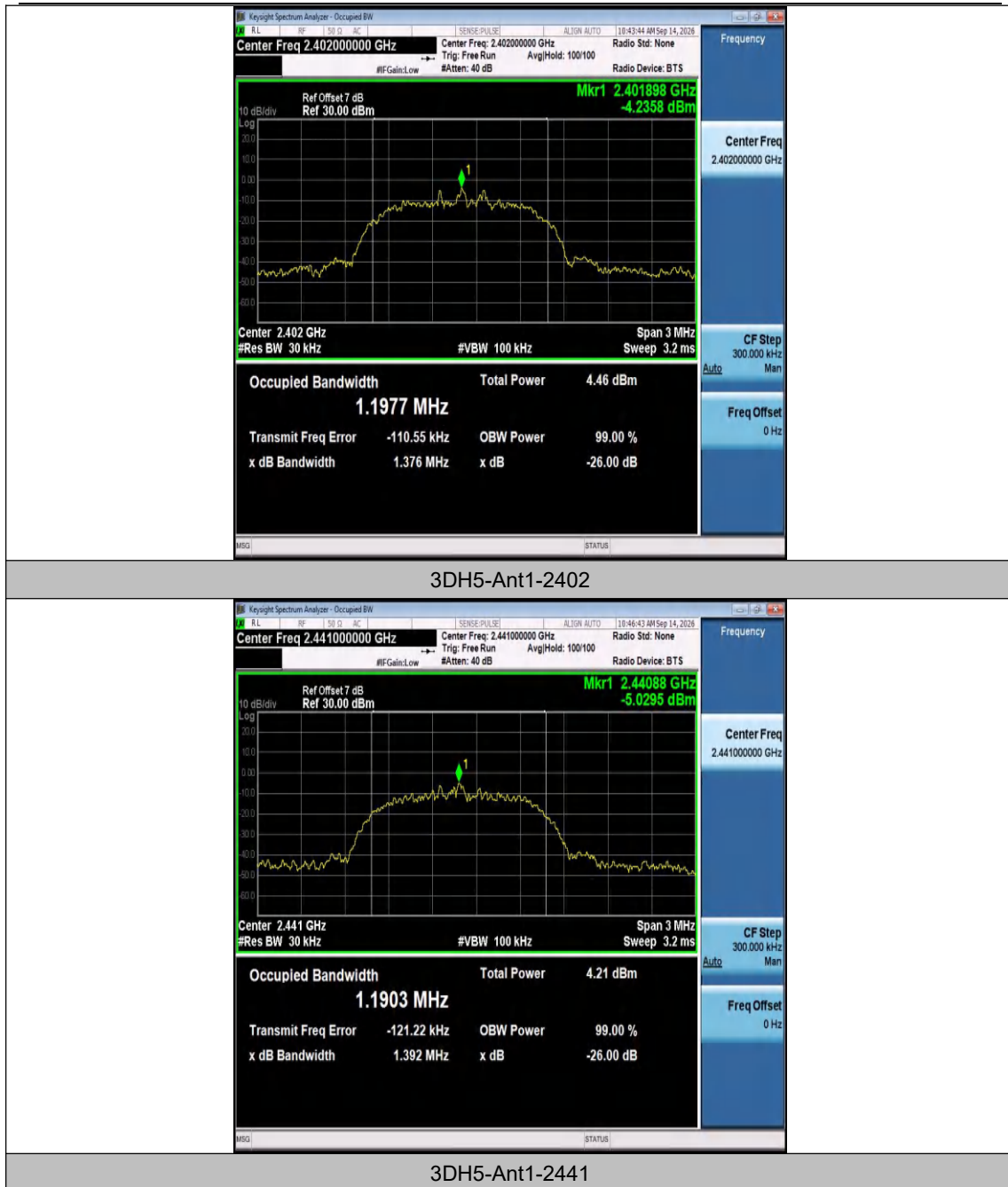
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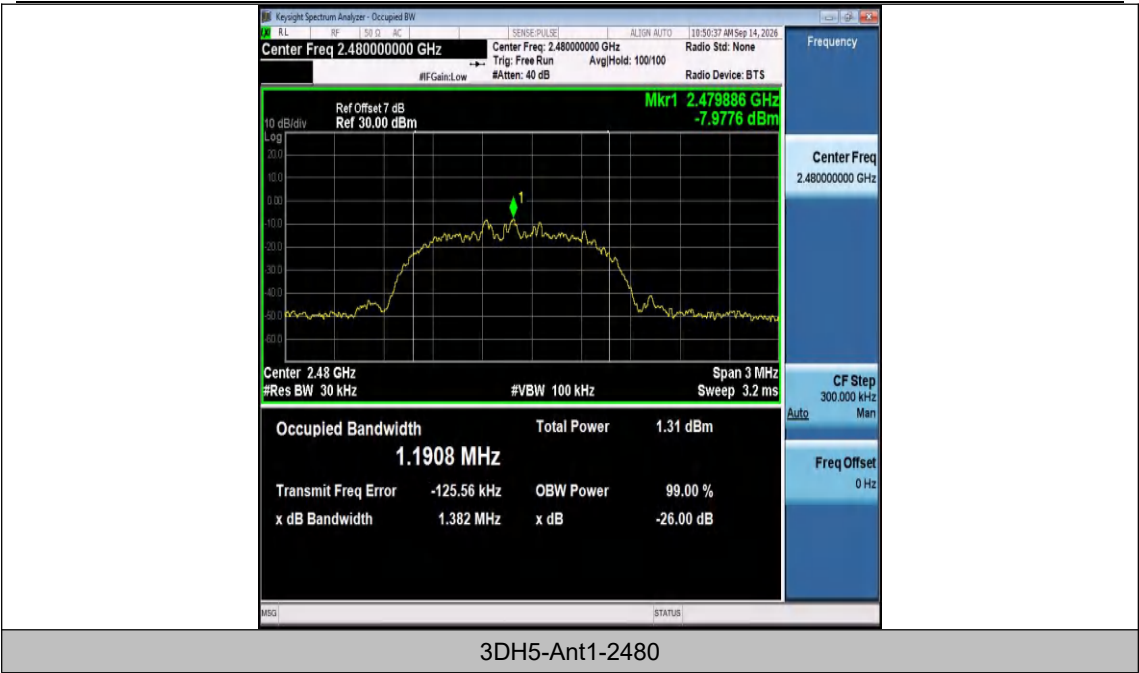
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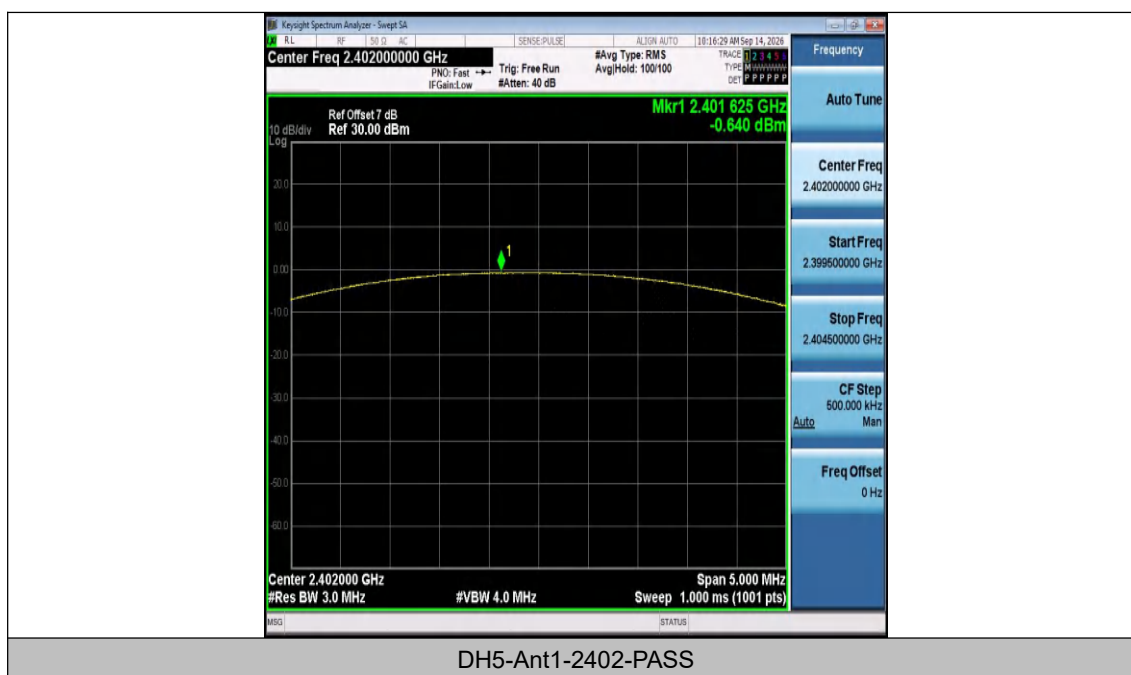
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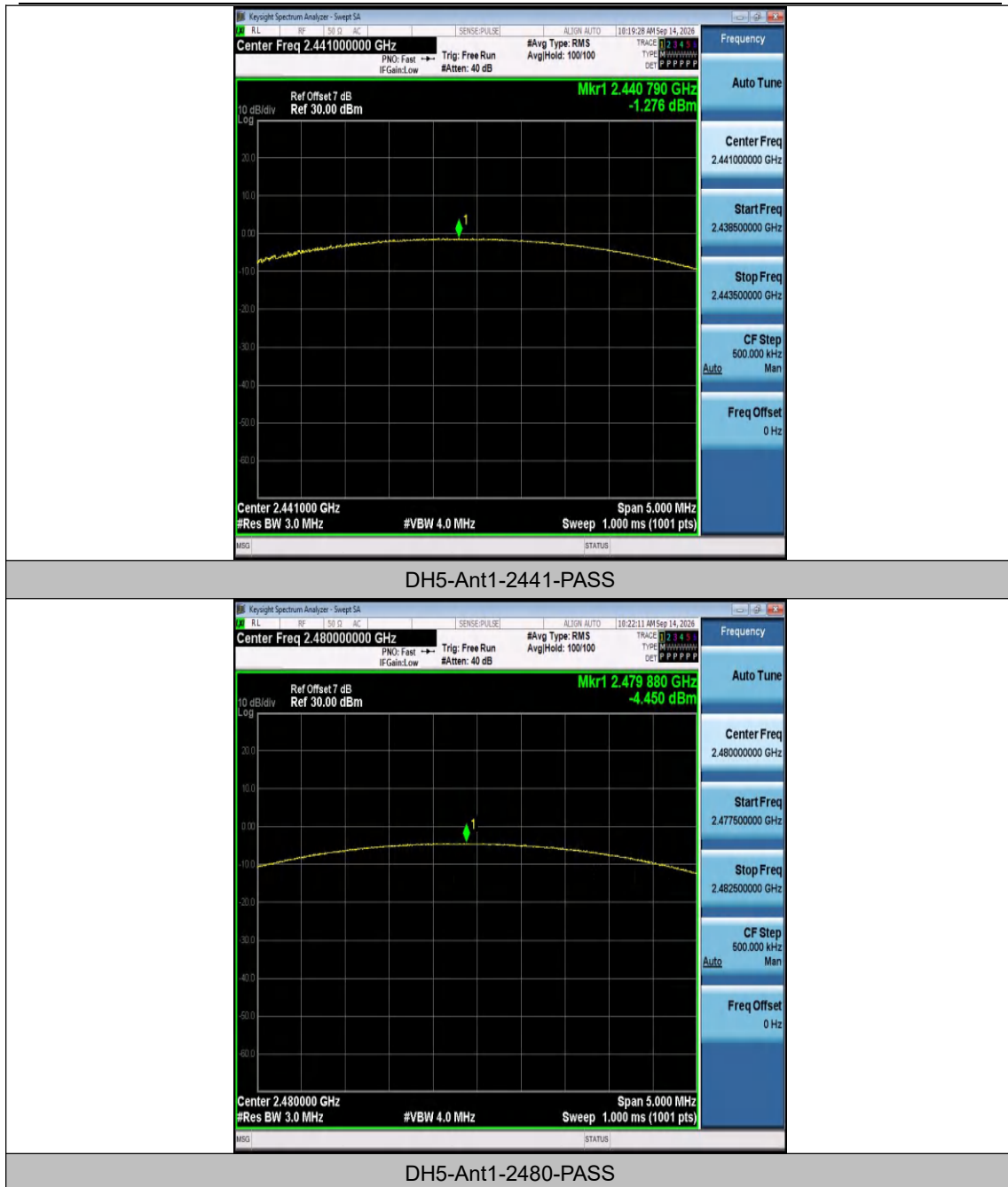
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-0.64	≤20.97	PASS
DH5	Ant1	2441	-1.28	≤20.97	PASS
DH5	Ant1	2480	-4.45	≤20.97	PASS
2DH5	Ant1	2402	-0.84	≤20.97	PASS
2DH5	Ant1	2441	-1.32	≤20.97	PASS
2DH5	Ant1	2480	-4.54	≤20.97	PASS
3DH5	Ant1	2402	-0.34	≤20.97	PASS
3DH5	Ant1	2441	-1.43	≤20.97	PASS
3DH5	Ant1	2480	-4.52	≤20.97	PASS

Test Graphs

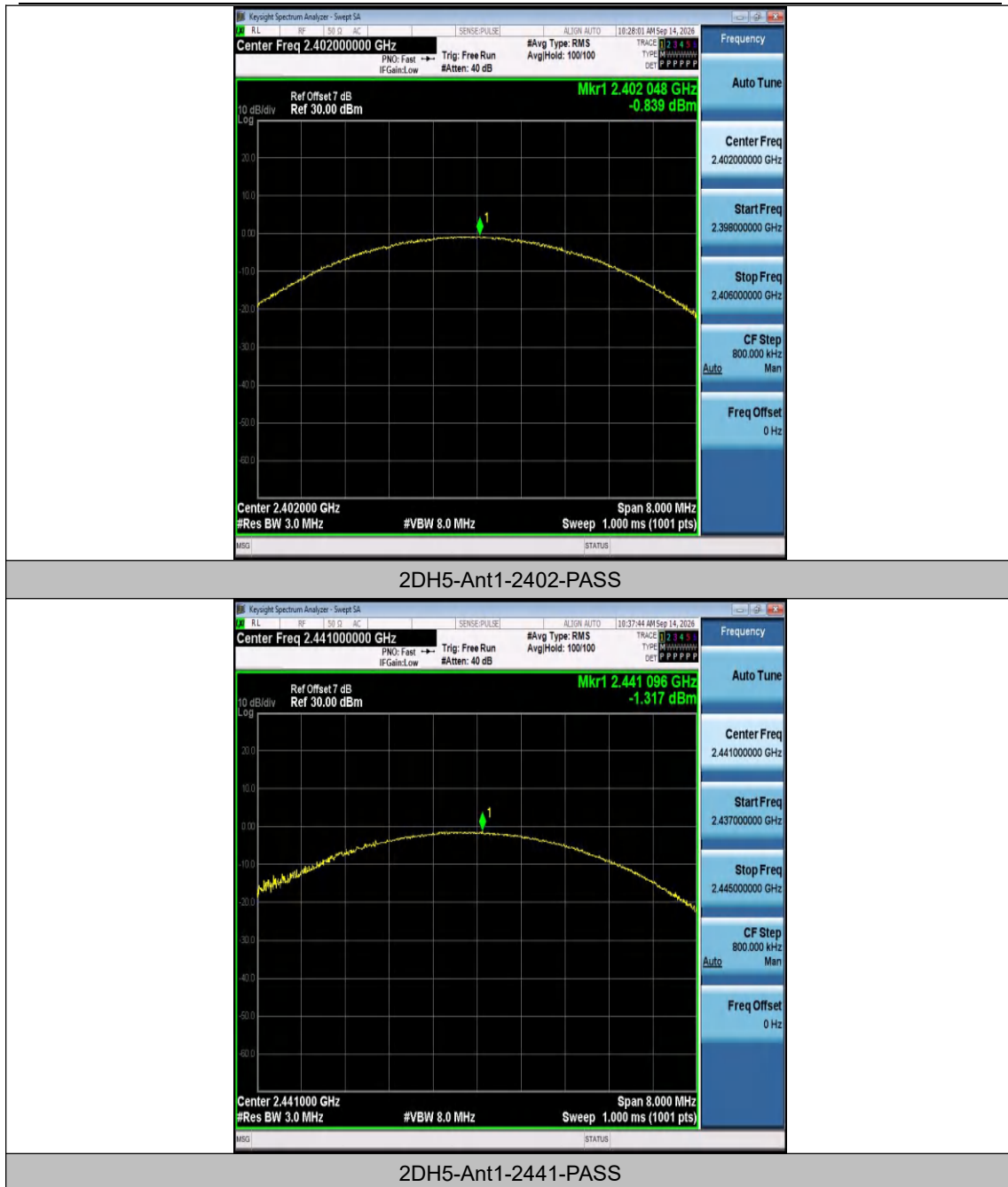




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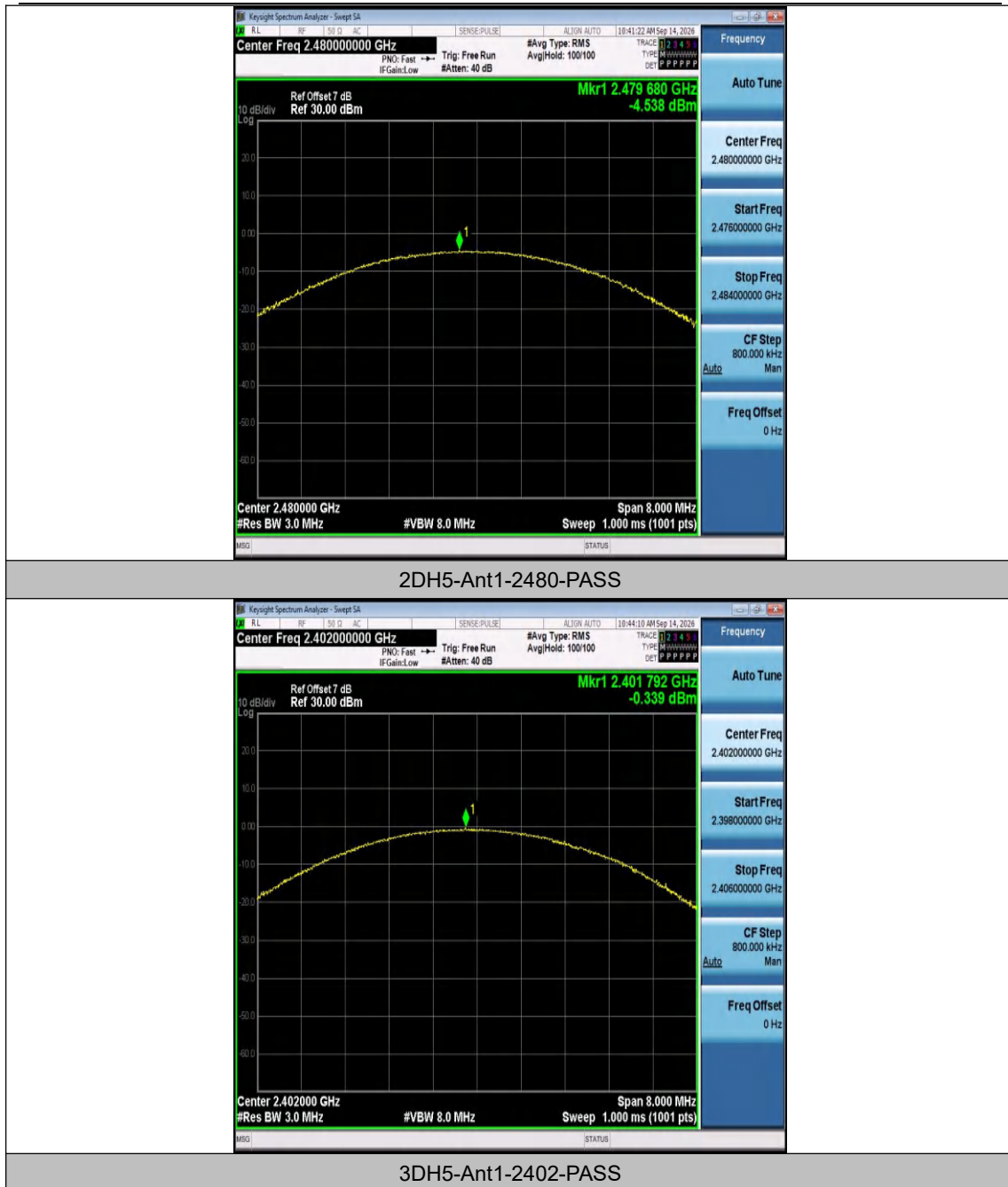
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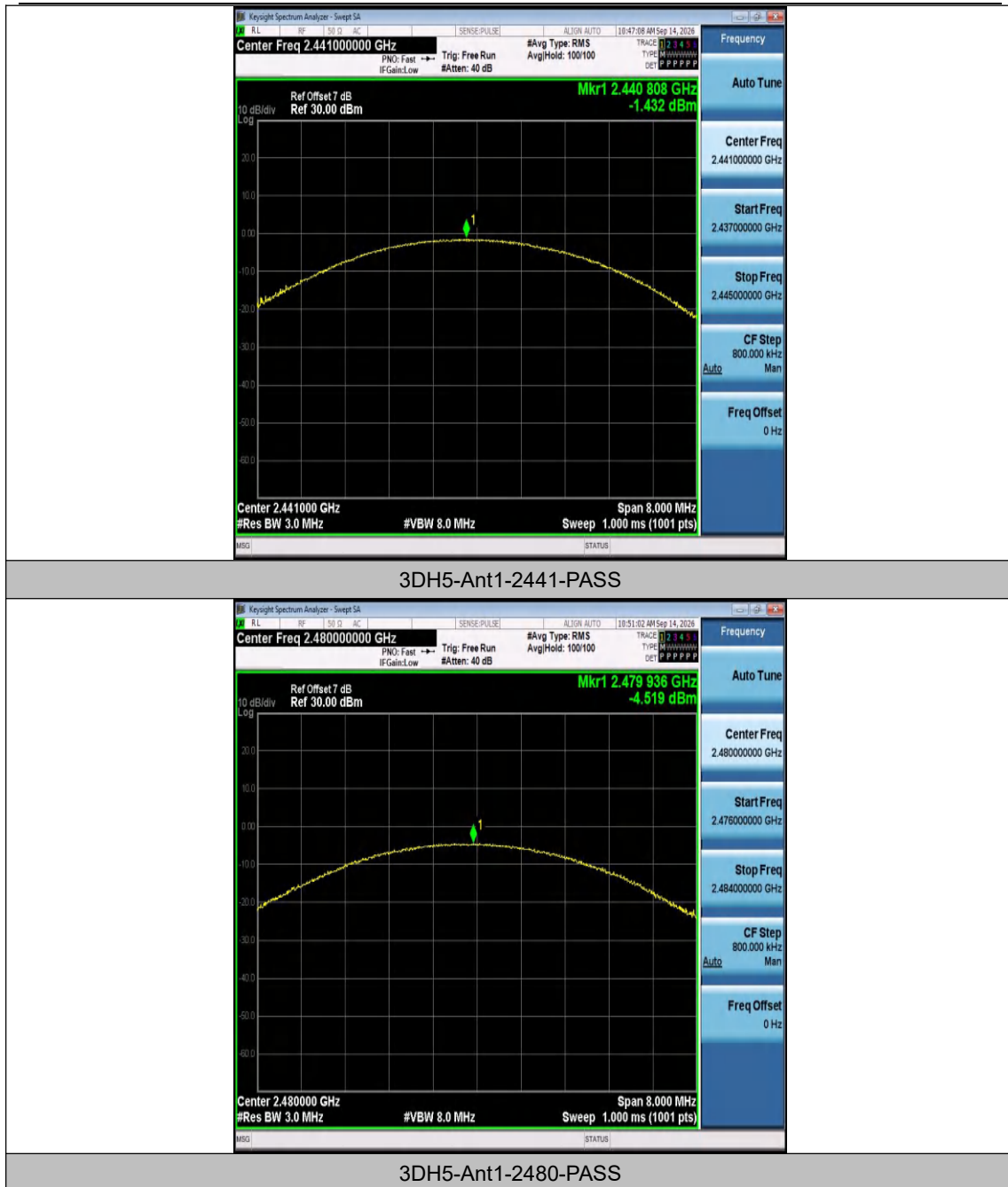
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.99	≥ 0.658	PASS
2DH5	Ant1	Hop	1.01	≥ 0.882	PASS
3DH5	Ant1	Hop	1.064	≥ 0.872	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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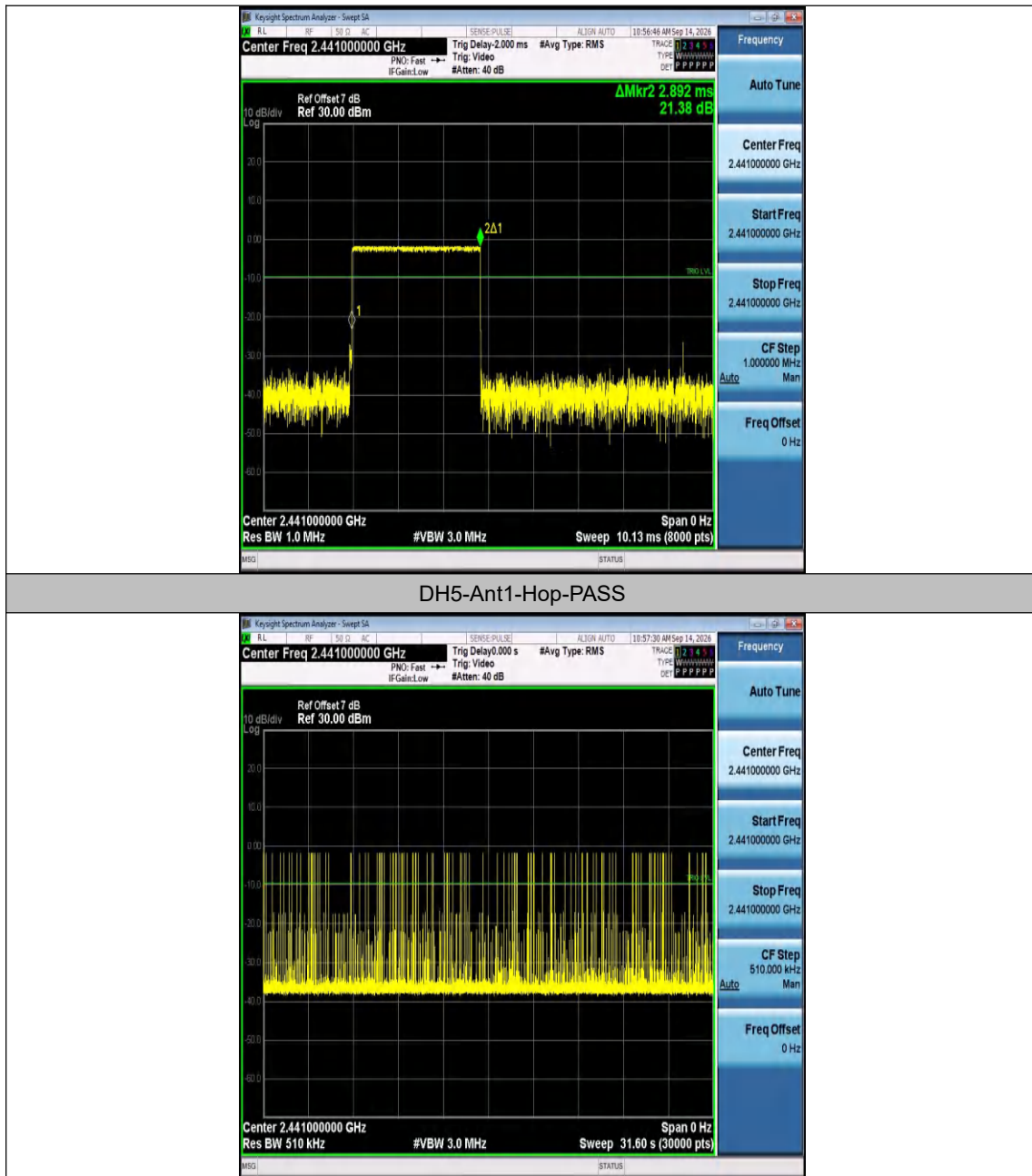
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.892	105	0.304	≤0.4	PASS
2DH5	Ant1	Hop	2.885	103	0.297	≤0.4	PASS
3DH5	Ant1	Hop	2.887	106	0.306	≤0.4	PASS

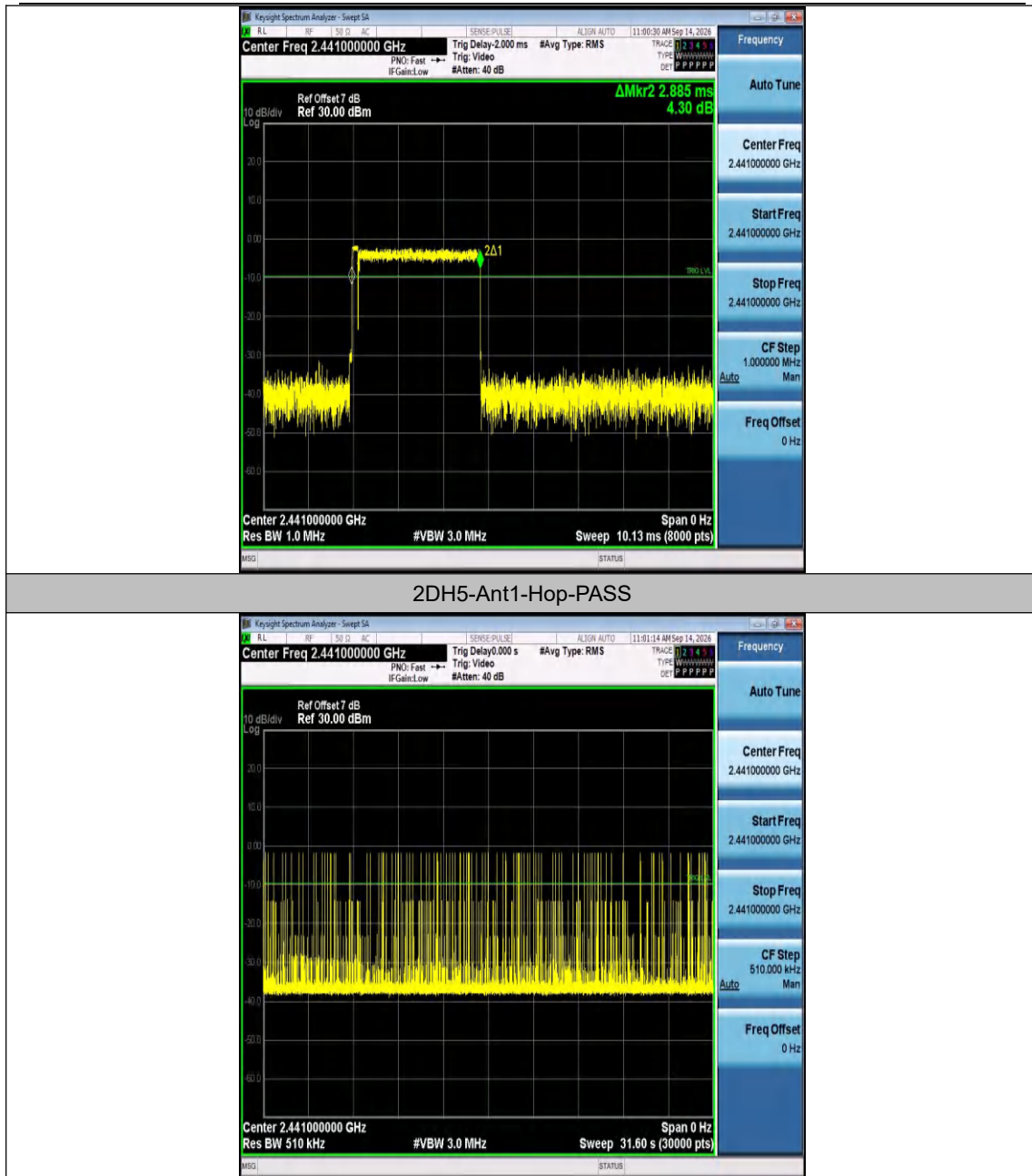
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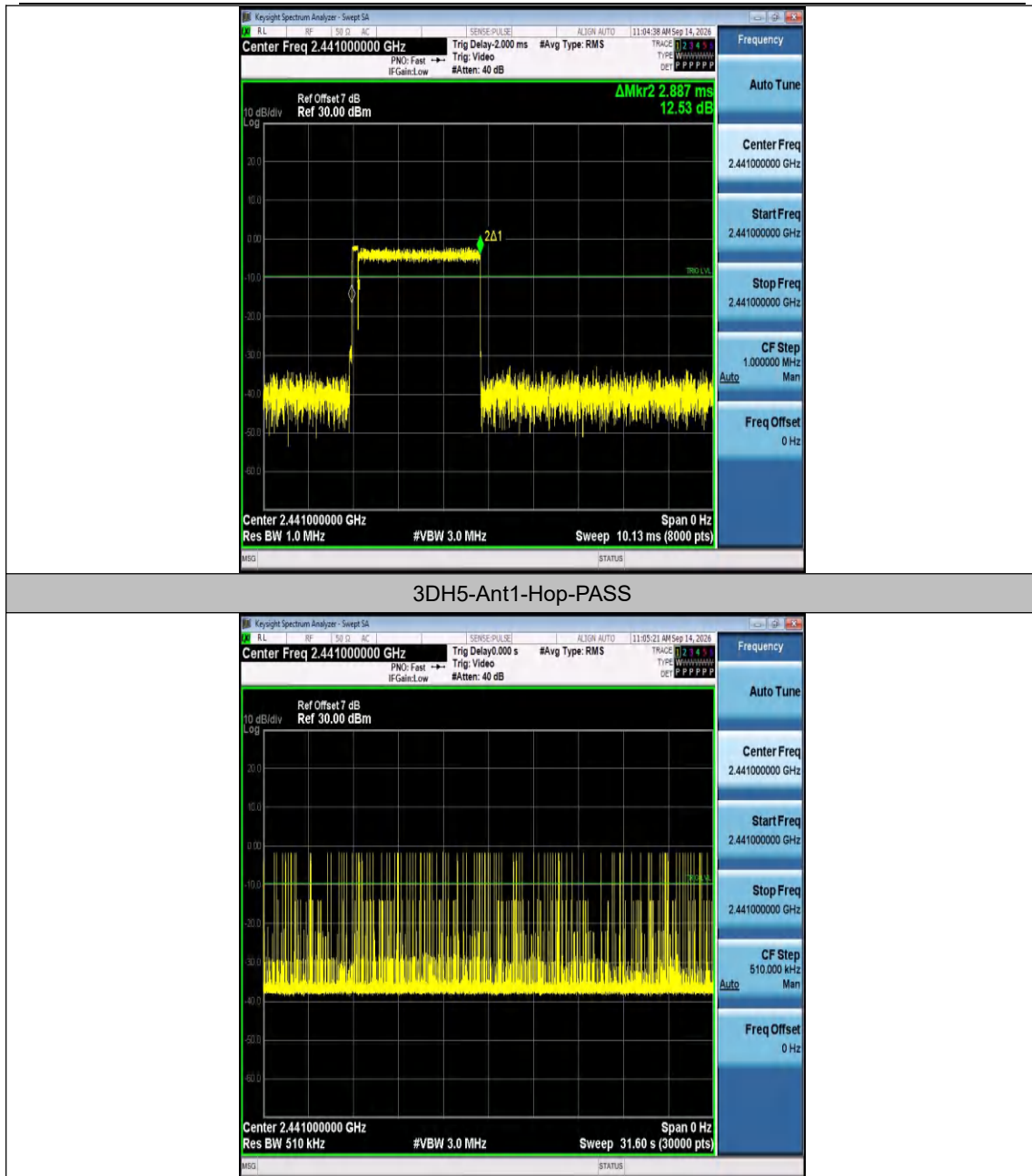
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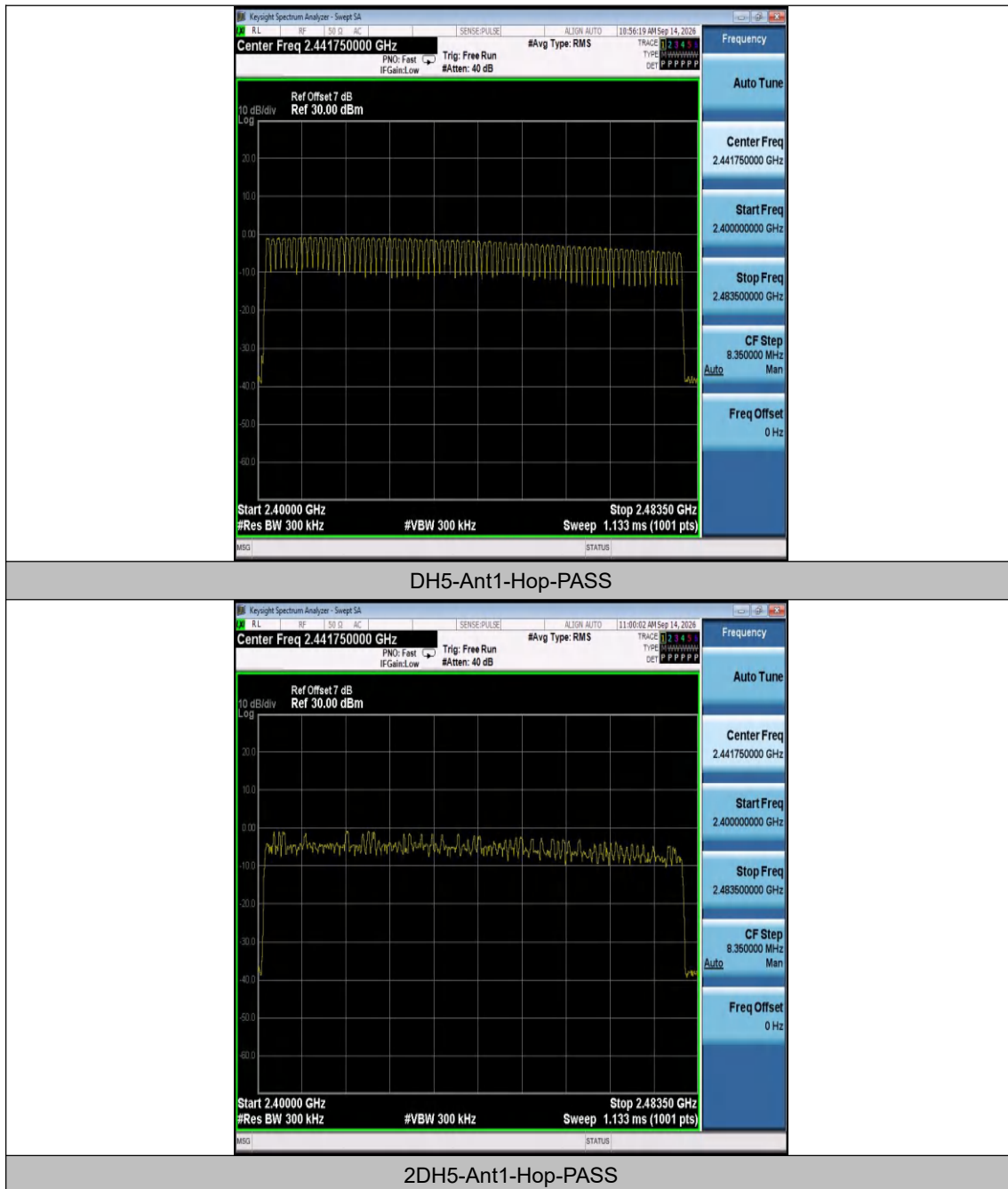
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Appendix F: Number of Hopping Channel

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

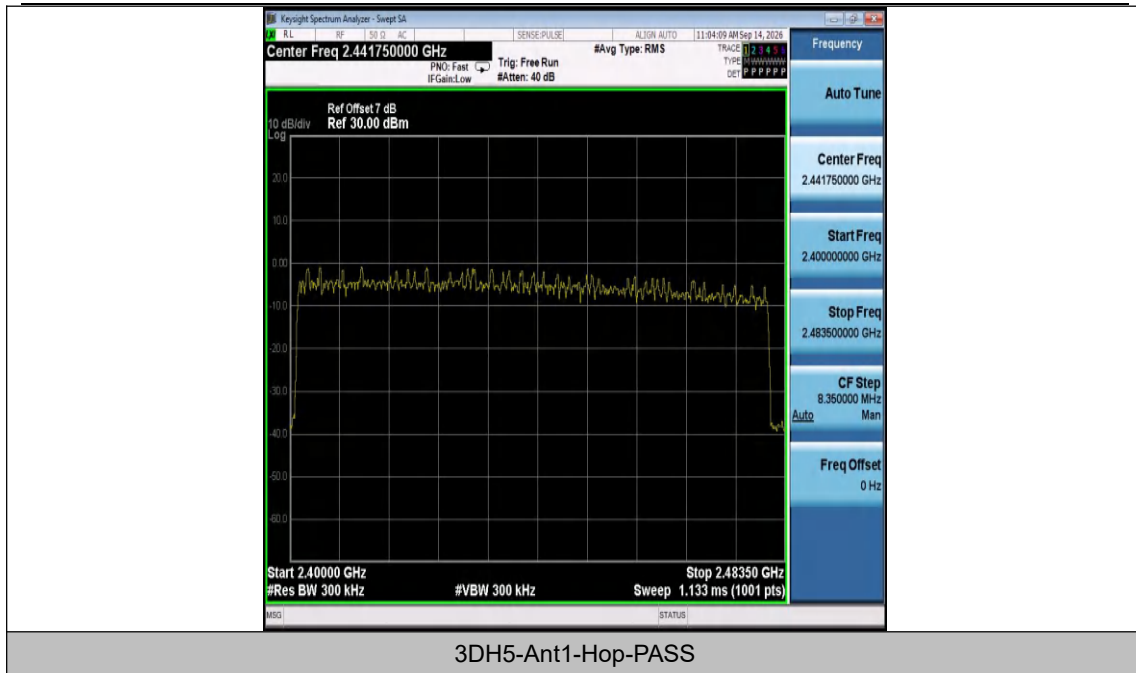
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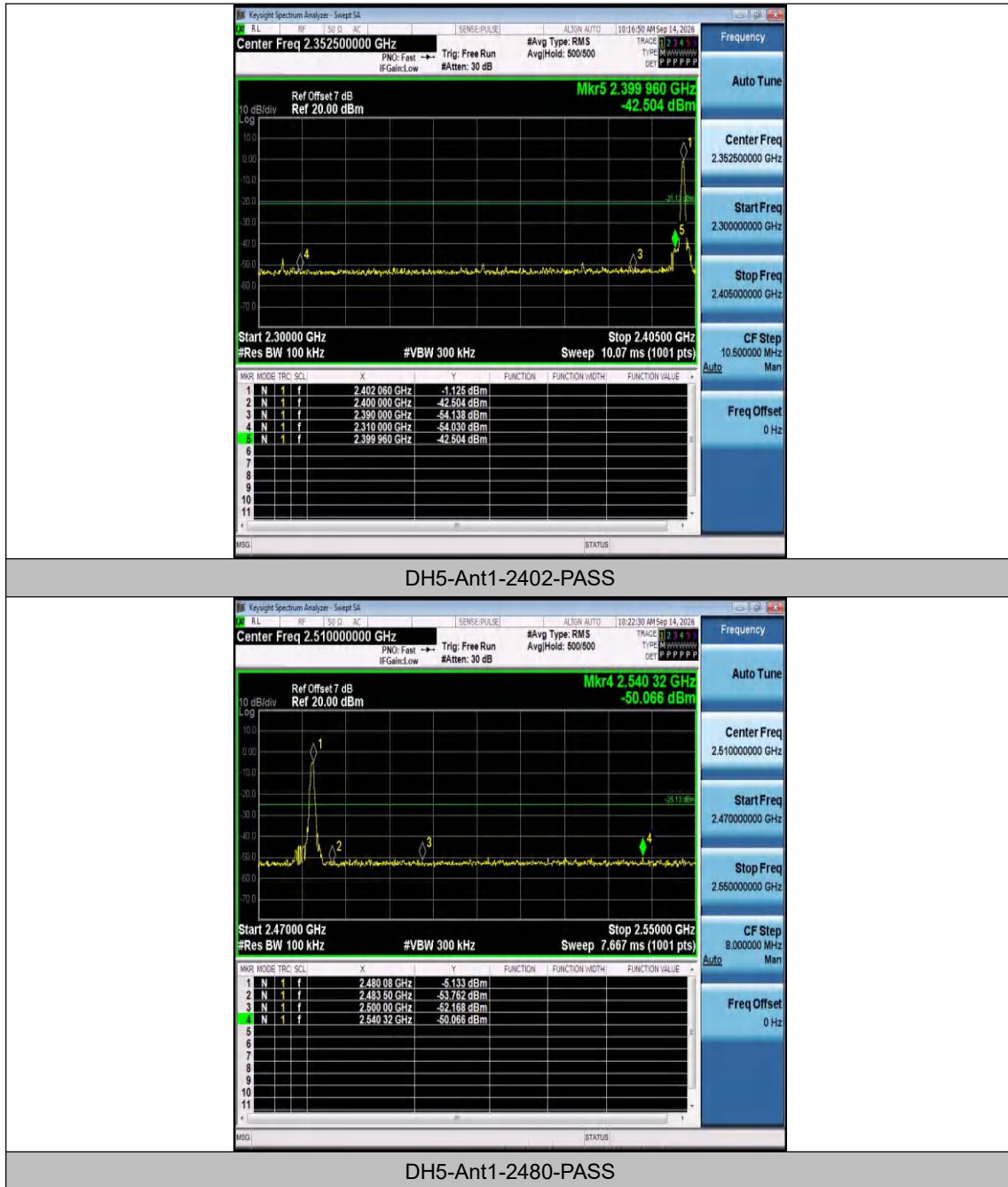
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.13	-42.5	≤-21.13	PASS
DH5	Ant1	High	2480	-5.13	-50.07	≤-25.13	PASS
DH5	Ant1	Low	Hop_2402	-1.82	-47.76	≤-21.82	PASS
DH5	Ant1	High	Hop_2480	-4.71	-27.77	≤-24.71	PASS
2DH5	Ant1	Low	2402	-1.30	-42.61	≤-21.3	PASS
2DH5	Ant1	High	2480	-5.11	-50.91	≤-25.11	PASS
2DH5	Ant1	Low	Hop_2402	-6.77	-49.32	≤-26.77	PASS
2DH5	Ant1	High	Hop_2480	-5.53	-49.84	≤-25.53	PASS
3DH5	Ant1	Low	2402	-1.41	-42.08	≤-21.41	PASS
3DH5	Ant1	High	2480	-5.29	-49.52	≤-25.29	PASS
3DH5	Ant1	Low	Hop_2402	-7.09	-49.57	≤-27.09	PASS
3DH5	Ant1	High	Hop_2480	-4.77	-50.28	≤-24.77	PASS

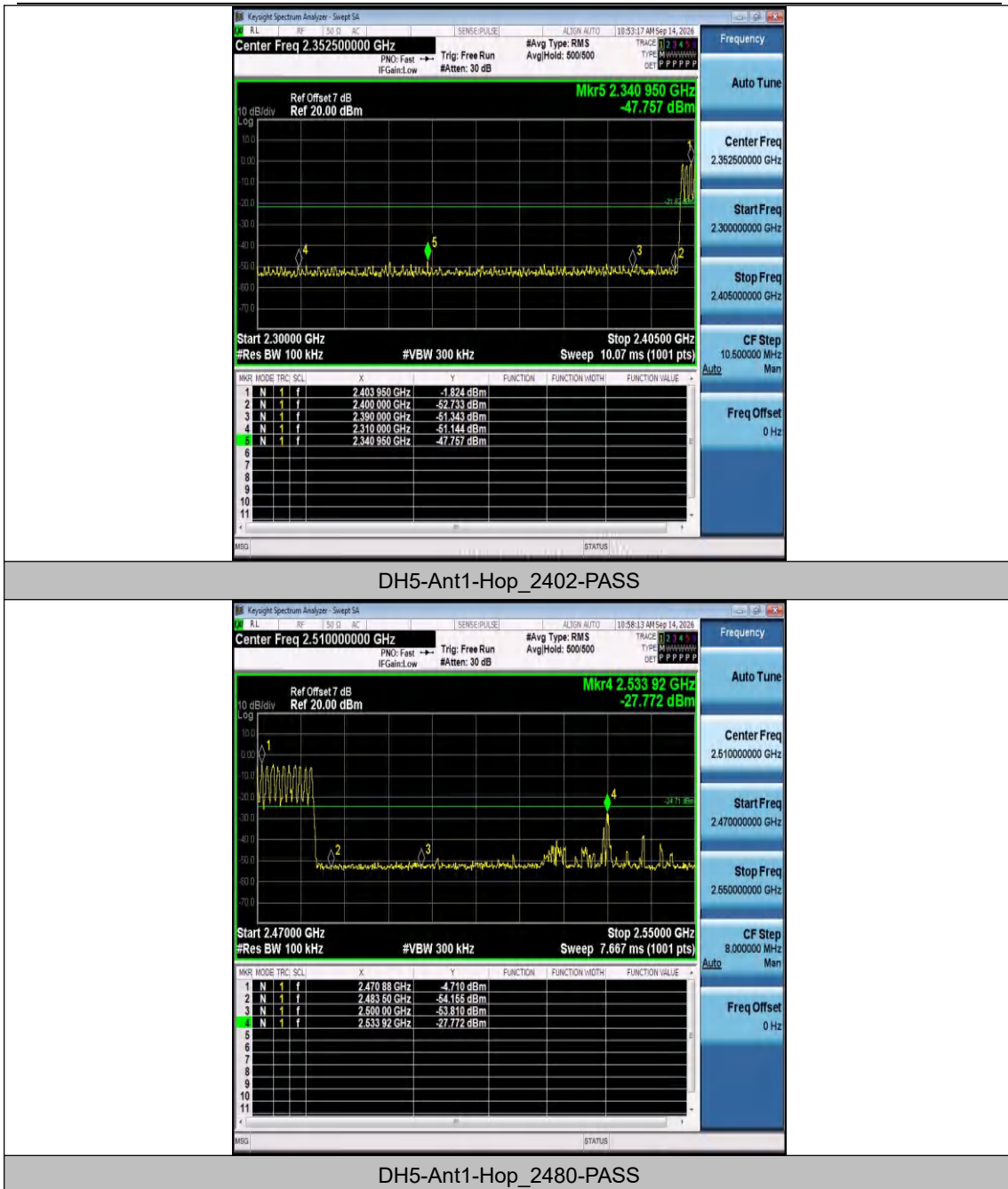
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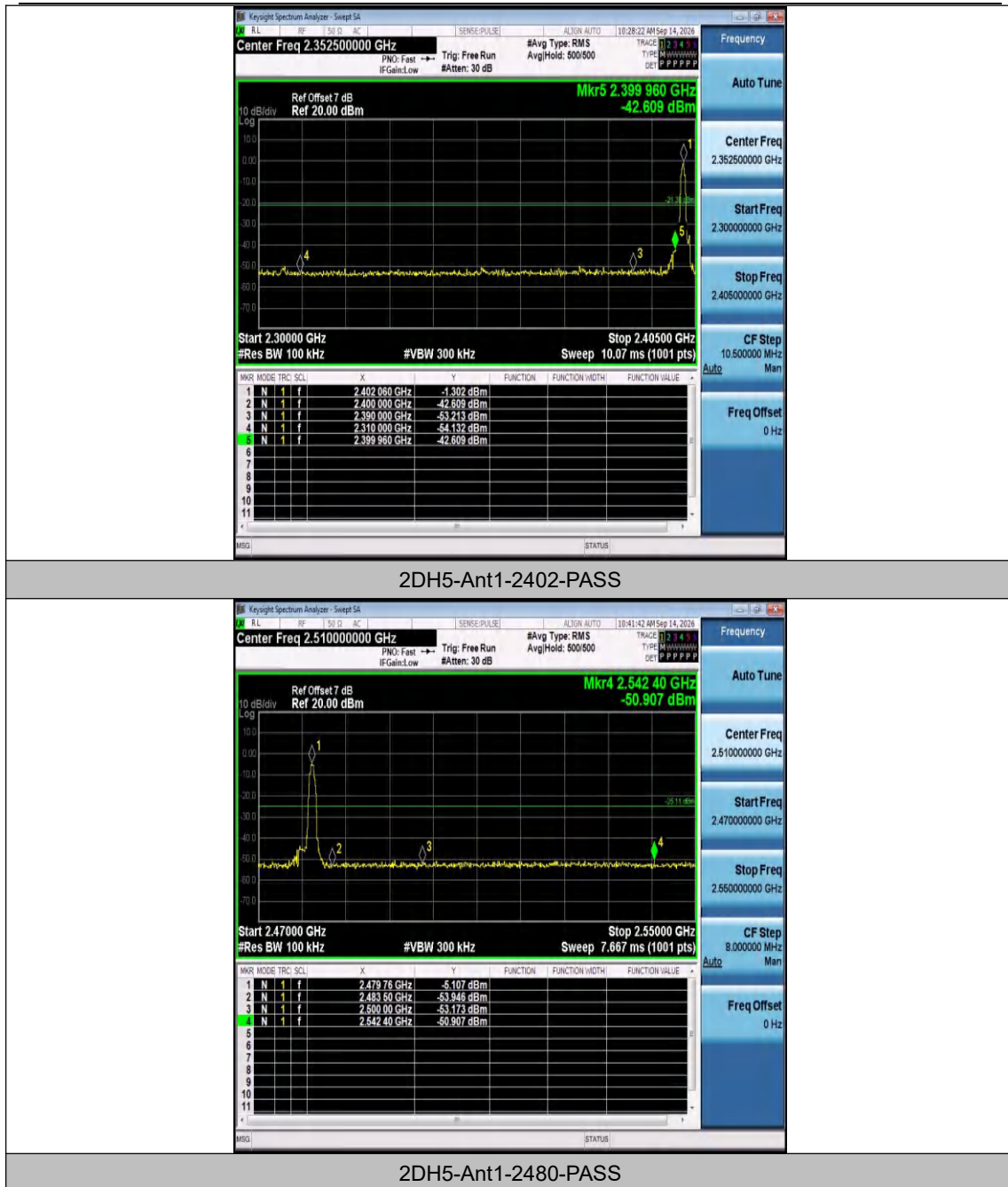


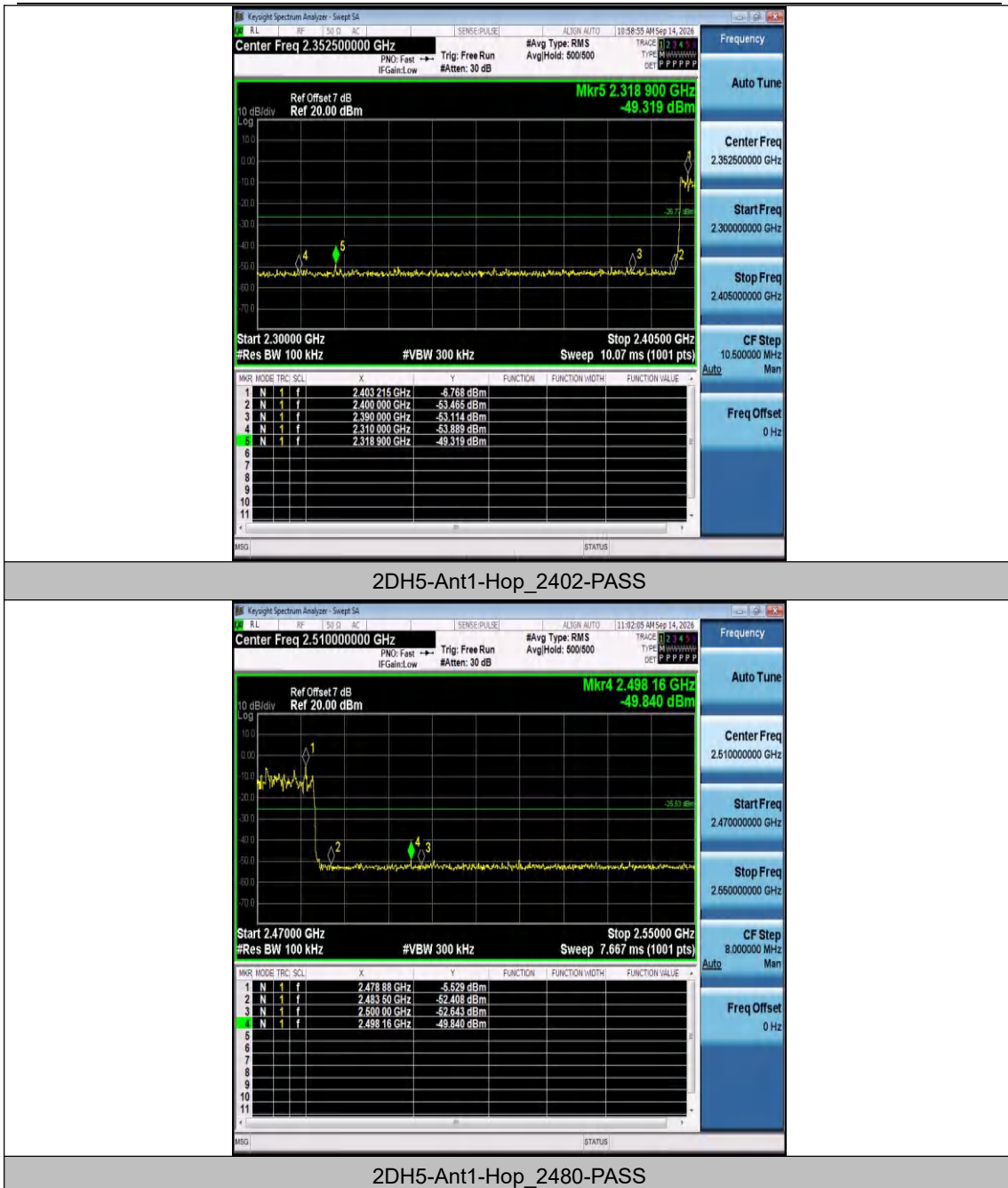
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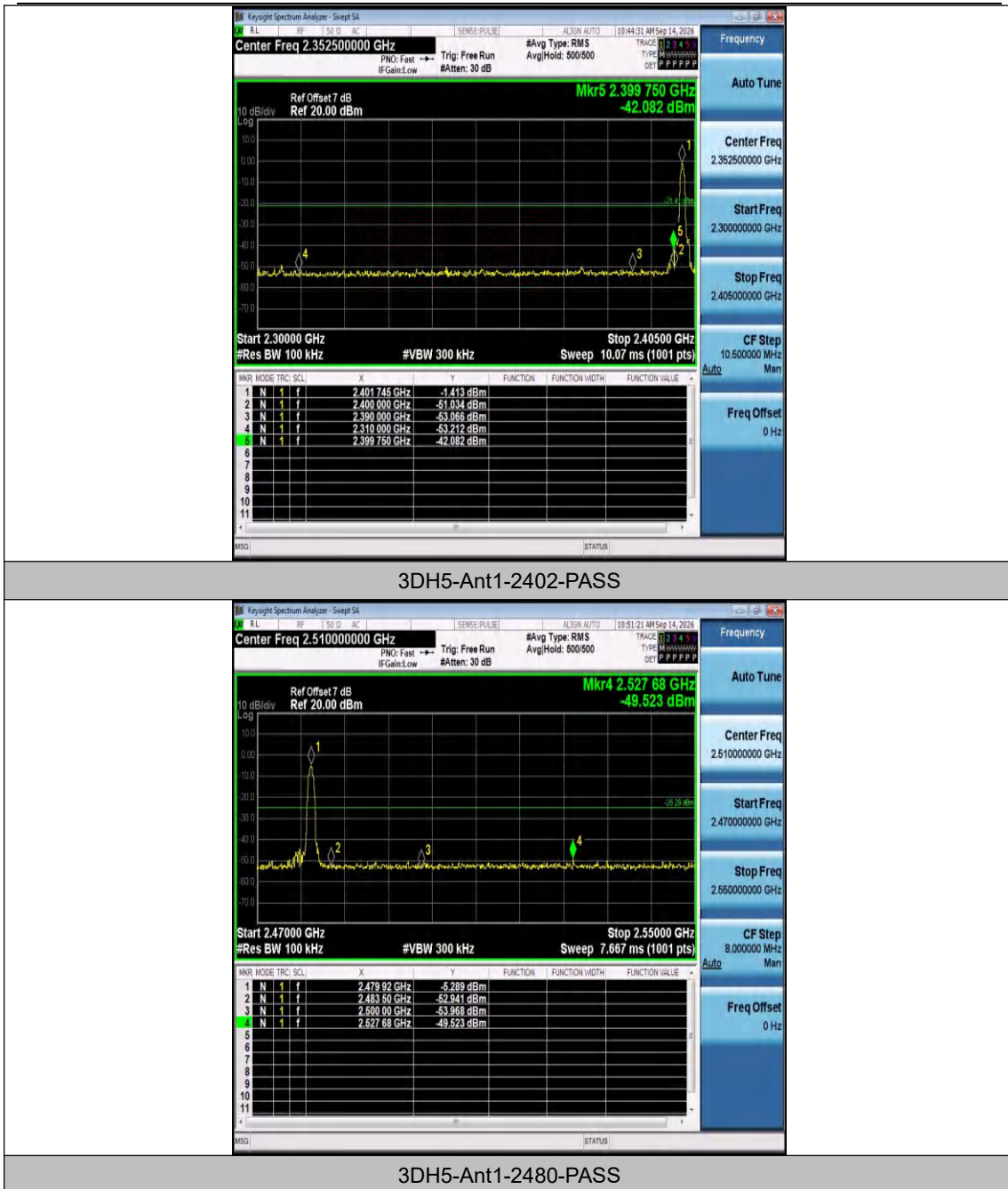
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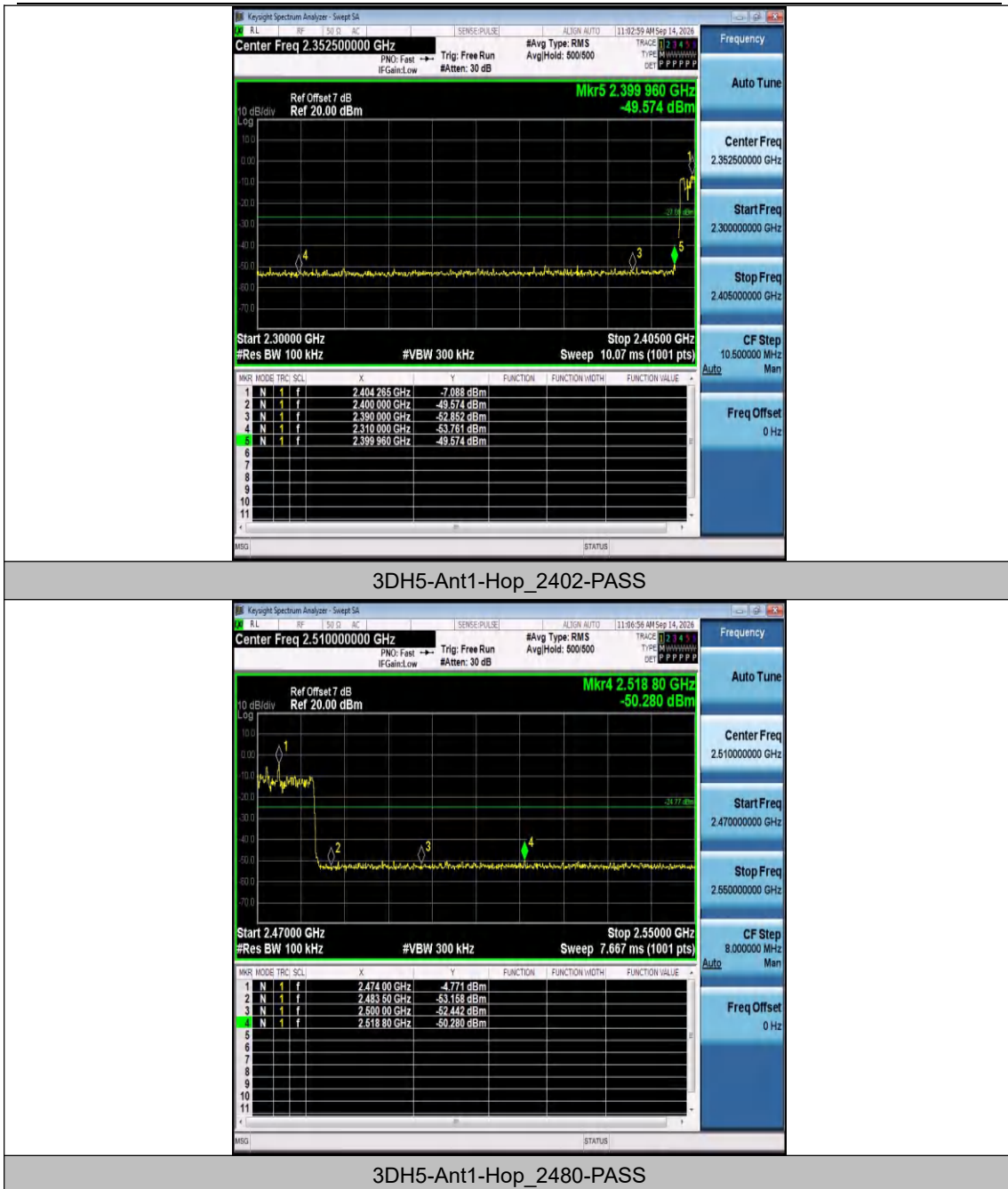
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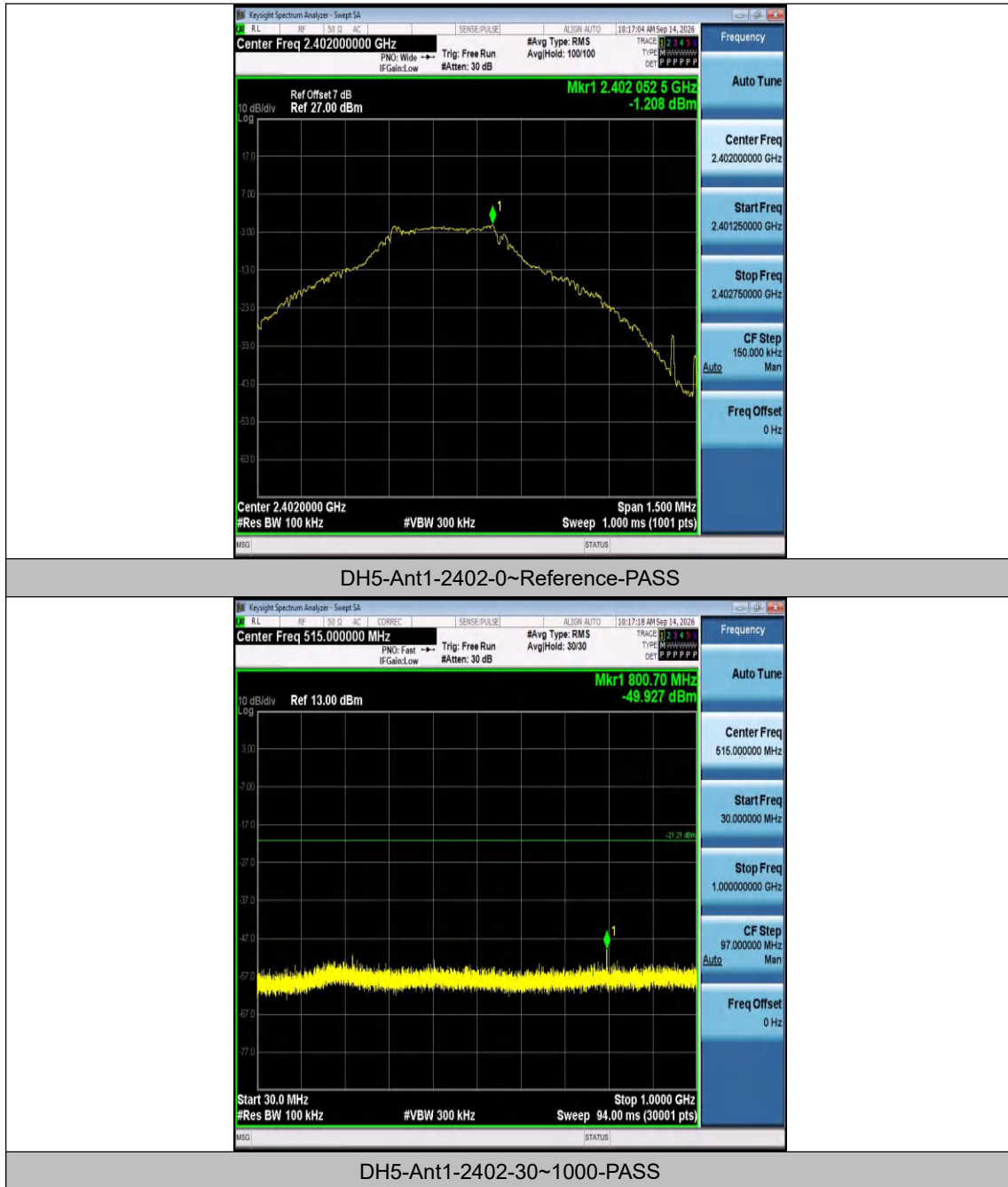
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.21	-1.21	---	PASS
DH5	Ant1	2402	30~1000	-1.21	-49.93	≤-21.21	PASS
DH5	Ant1	2402	1000~26500	-1.21	-32.59	≤-21.21	PASS
DH5	Ant1	2441	0~Reference	-2.05	-2.05	---	PASS
DH5	Ant1	2441	30~1000	-2.05	-51.32	≤-22.05	PASS
DH5	Ant1	2441	1000~26500	-2.05	-36.42	≤-22.05	PASS
DH5	Ant1	2480	0~Reference	-5.23	-5.23	---	PASS
DH5	Ant1	2480	30~1000	-5.23	-51.35	≤-25.23	PASS
DH5	Ant1	2480	1000~26500	-5.23	-35.74	≤-25.23	PASS
2DH5	Ant1	2402	0~Reference	-1.57	-1.57	---	PASS
2DH5	Ant1	2402	30~1000	-1.57	-51.97	≤-21.57	PASS
2DH5	Ant1	2402	1000~26500	-1.57	-36.3	≤-21.57	PASS
2DH5	Ant1	2441	0~Reference	-2.24	-2.24	---	PASS
2DH5	Ant1	2441	30~1000	-2.24	-51.9	≤-22.24	PASS
2DH5	Ant1	2441	1000~26500	-2.24	-32.25	≤-22.24	PASS
2DH5	Ant1	2480	0~Reference	-5.46	-5.46	---	PASS
2DH5	Ant1	2480	30~1000	-5.46	-51.95	≤-25.46	PASS
2DH5	Ant1	2480	1000~26500	-5.46	-31.67	≤-25.46	PASS
3DH5	Ant1	2402	0~Reference	-1.38	-1.38	---	PASS
3DH5	Ant1	2402	30~1000	-1.38	-51.24	≤-21.38	PASS
3DH5	Ant1	2402	1000~26500	-1.38	-37.02	≤-21.38	PASS
3DH5	Ant1	2441	0~Reference	-2.18	-2.18	---	PASS
3DH5	Ant1	2441	30~1000	-2.18	-52.12	≤-22.18	PASS
3DH5	Ant1	2441	1000~26500	-2.18	-35.1	≤-22.18	PASS
3DH5	Ant1	2480	0~Reference	-5.67	-5.67	---	PASS
3DH5	Ant1	2480	30~1000	-5.67	-51.83	≤-25.67	PASS
3DH5	Ant1	2480	1000~26500	-5.67	-36.74	≤-25.67	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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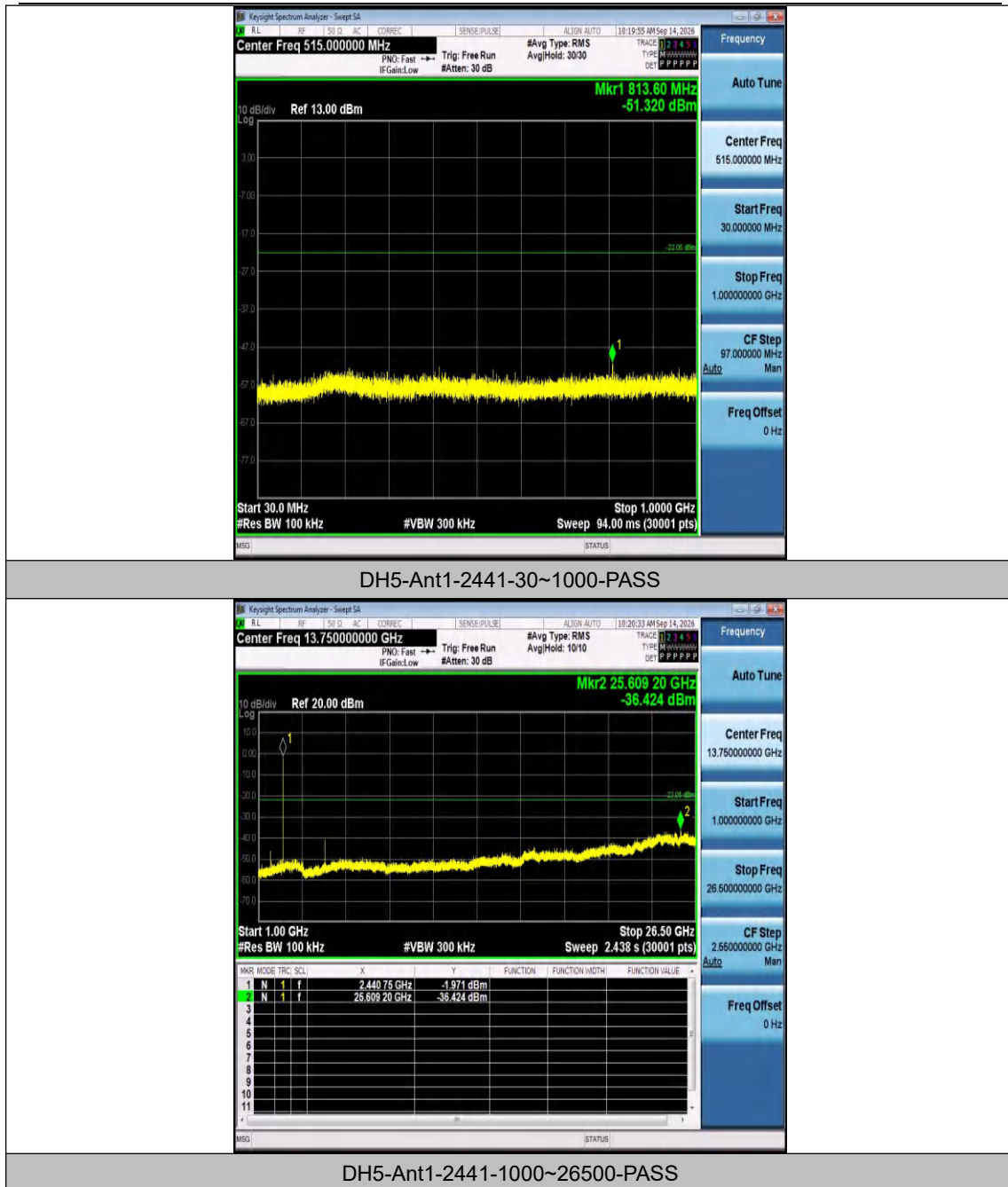
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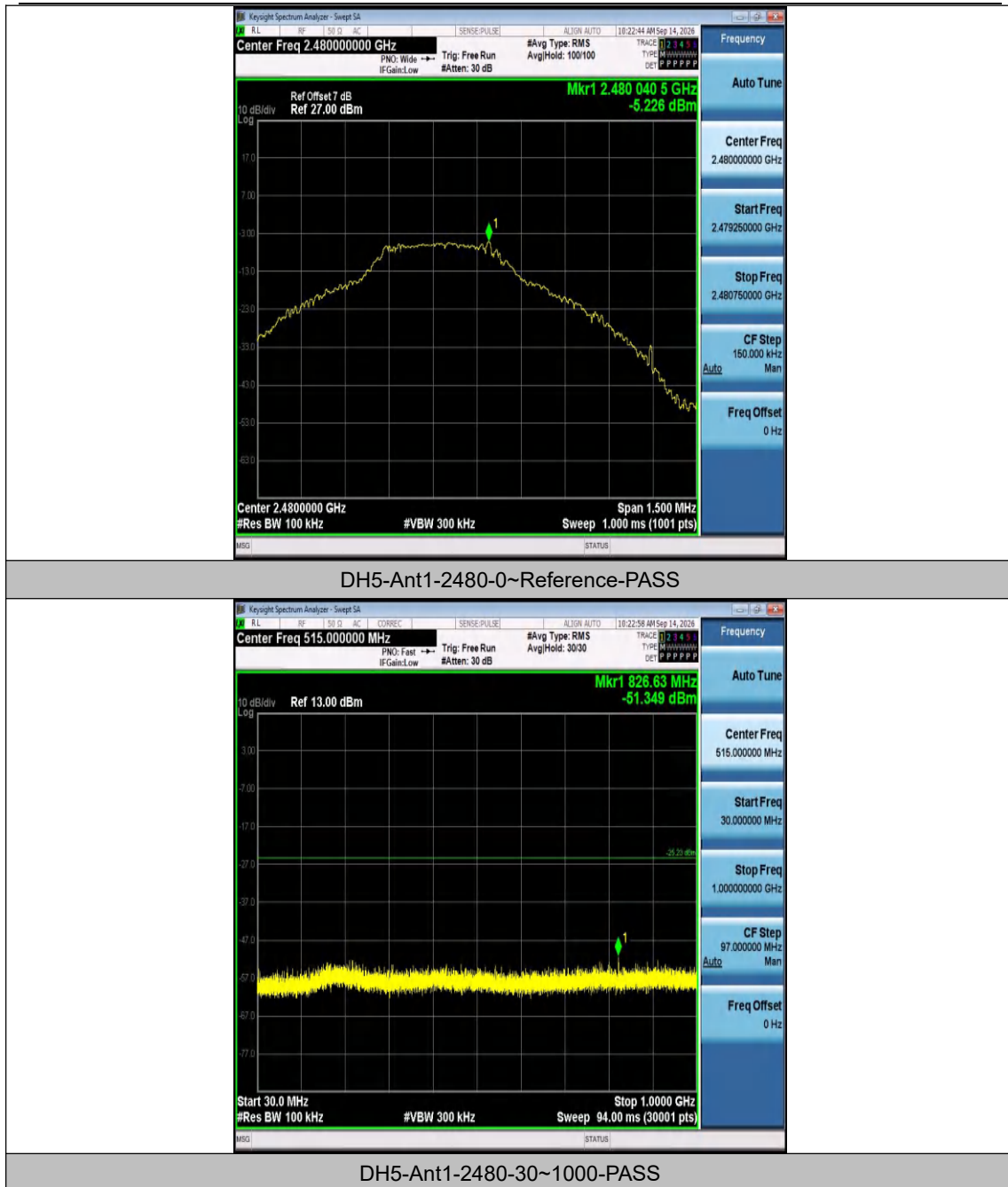
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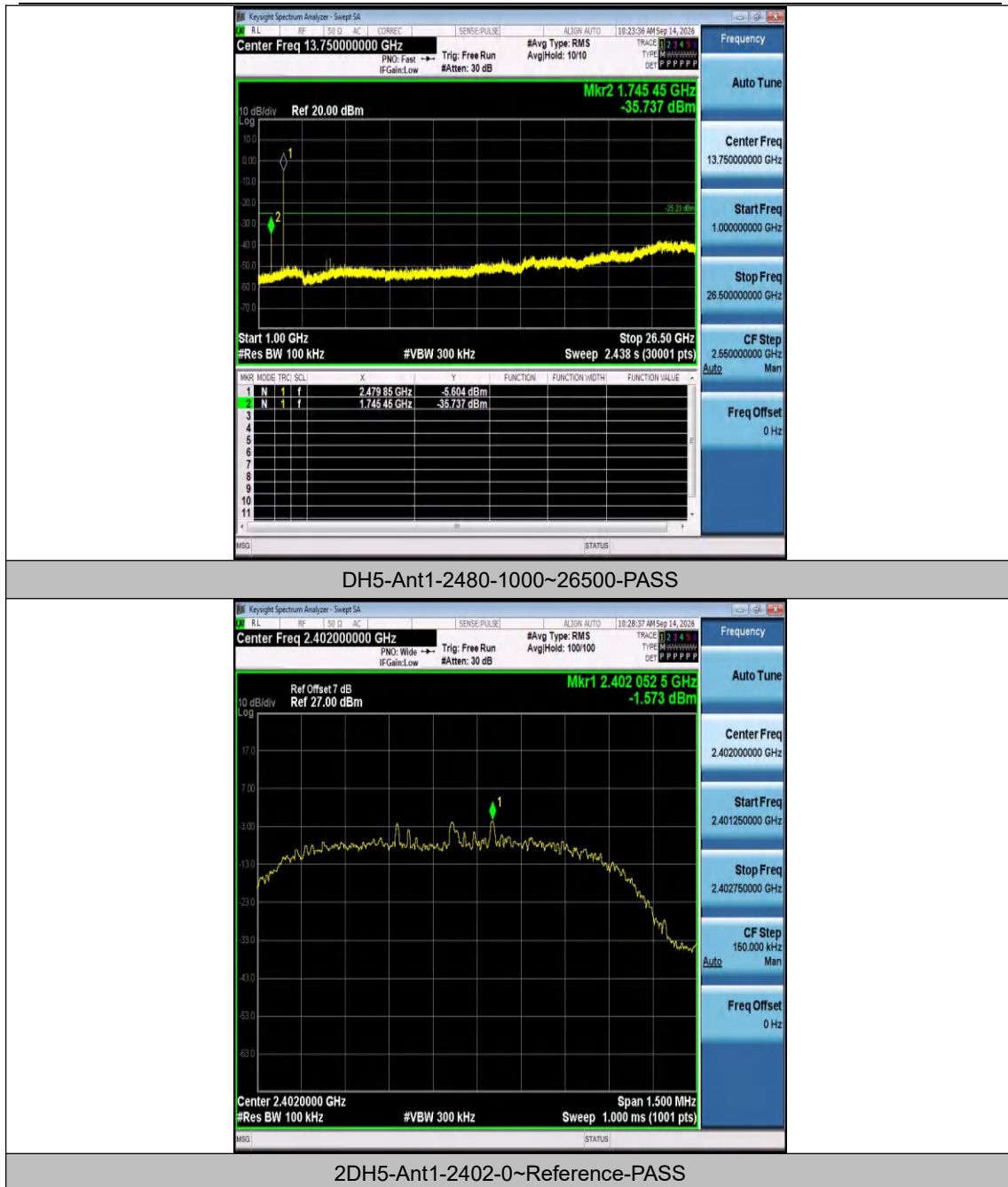
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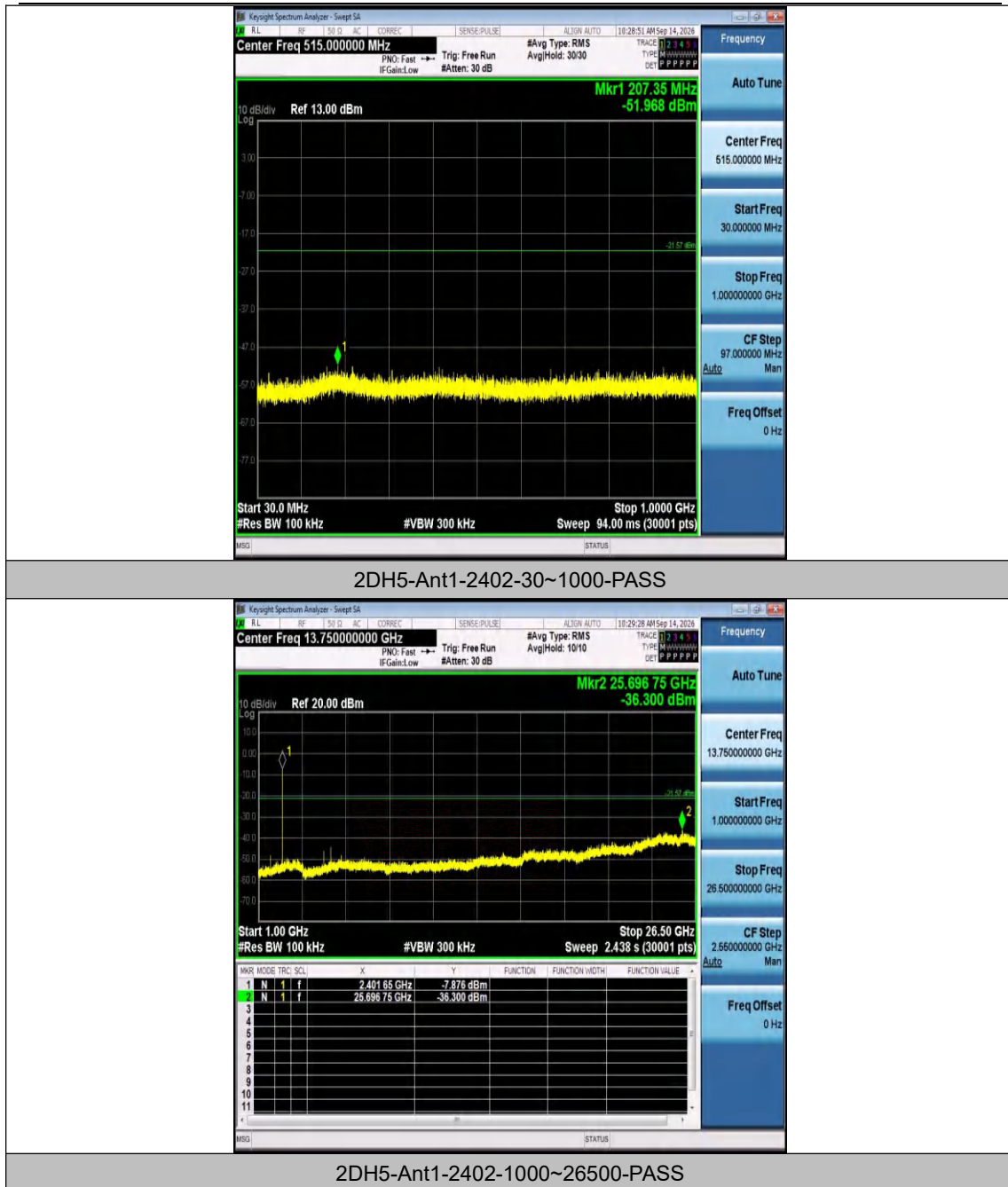
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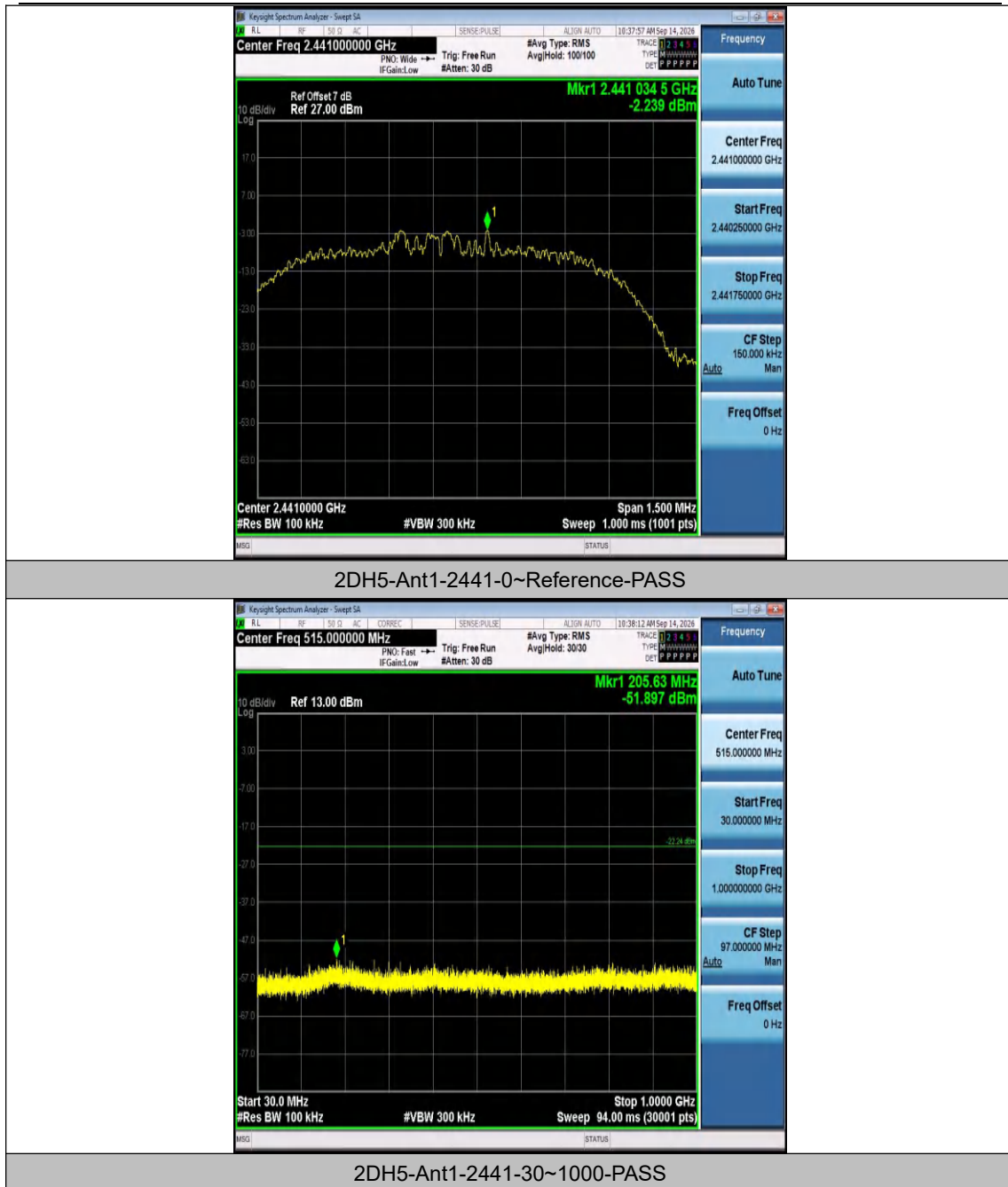
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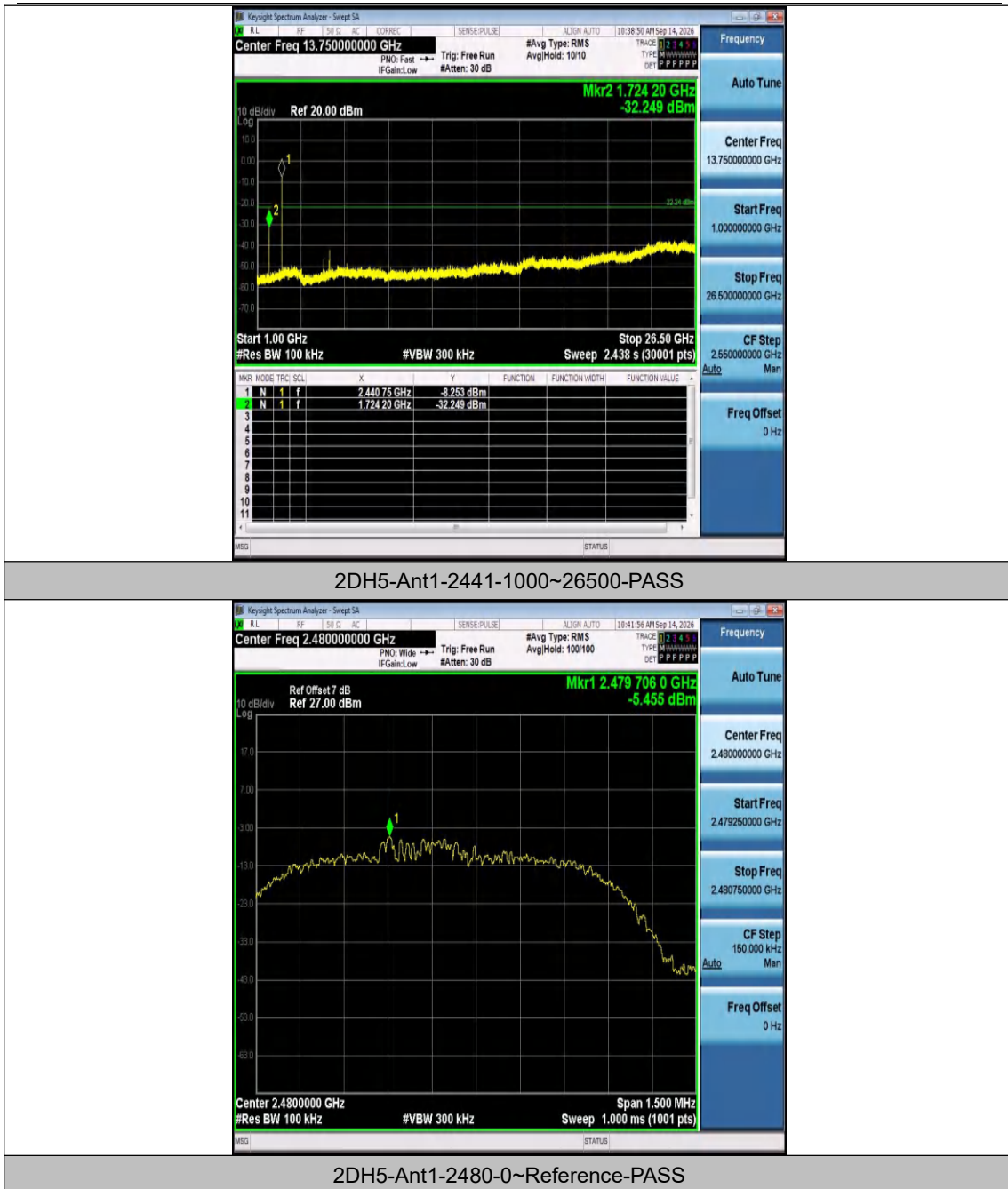
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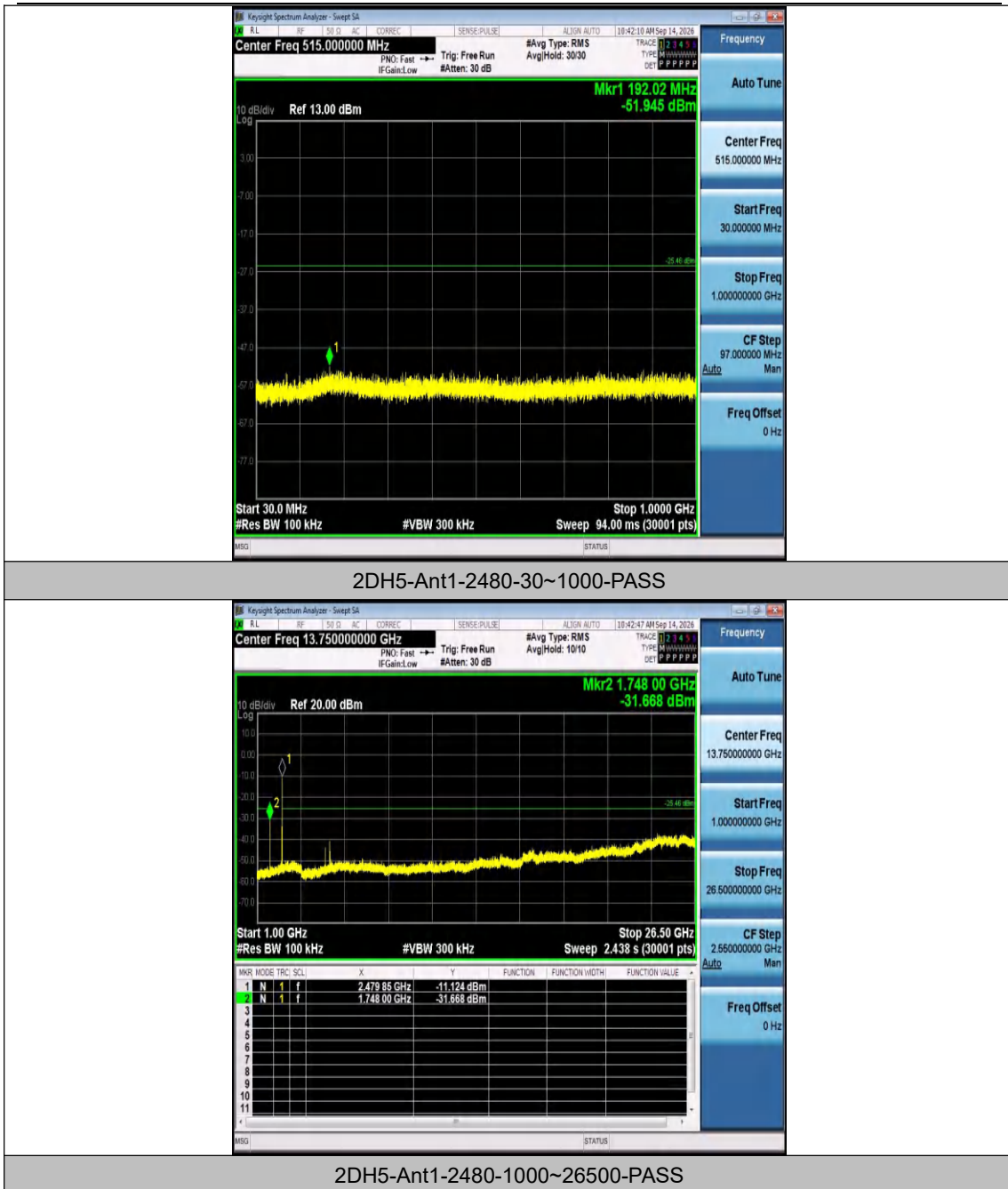
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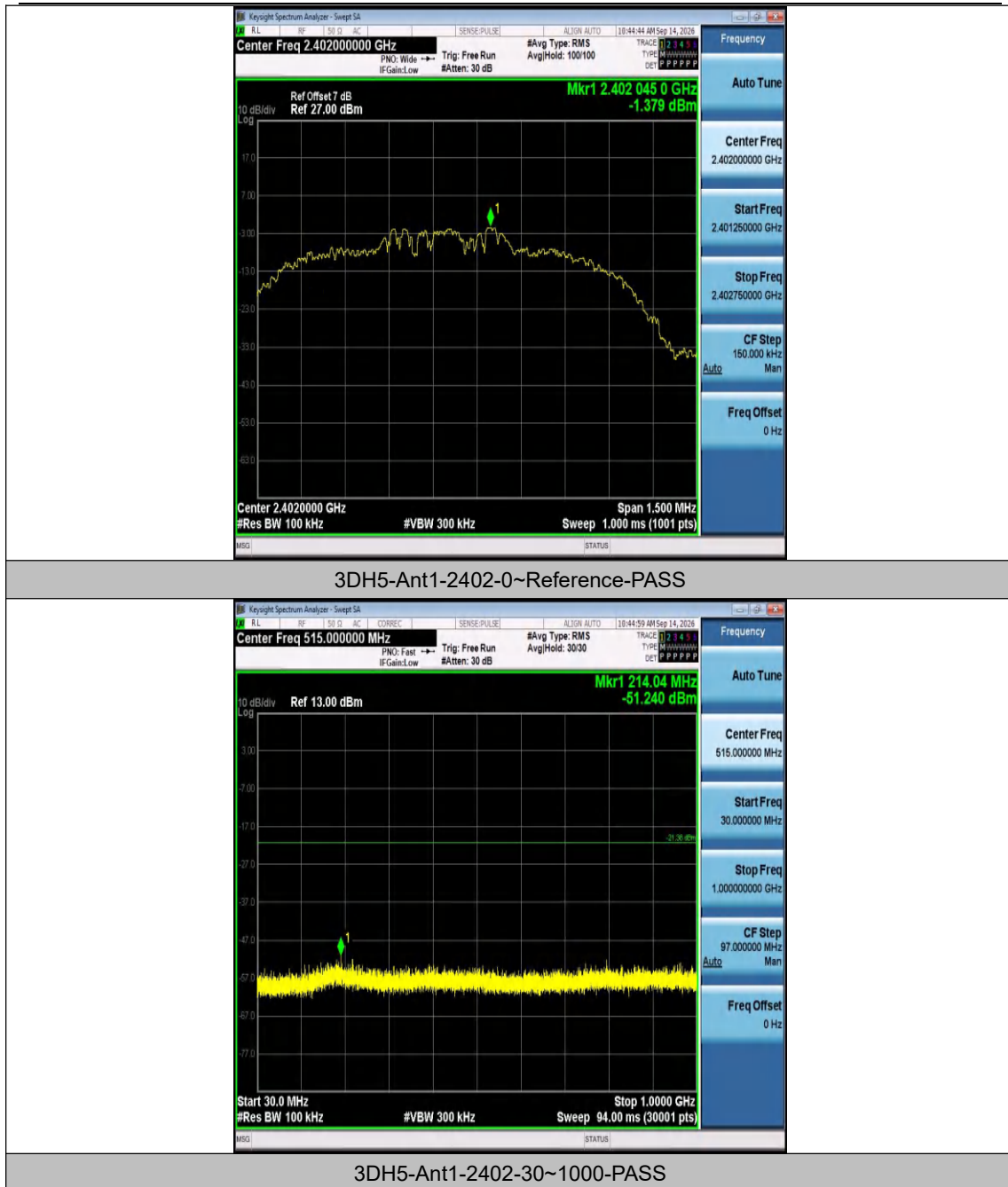


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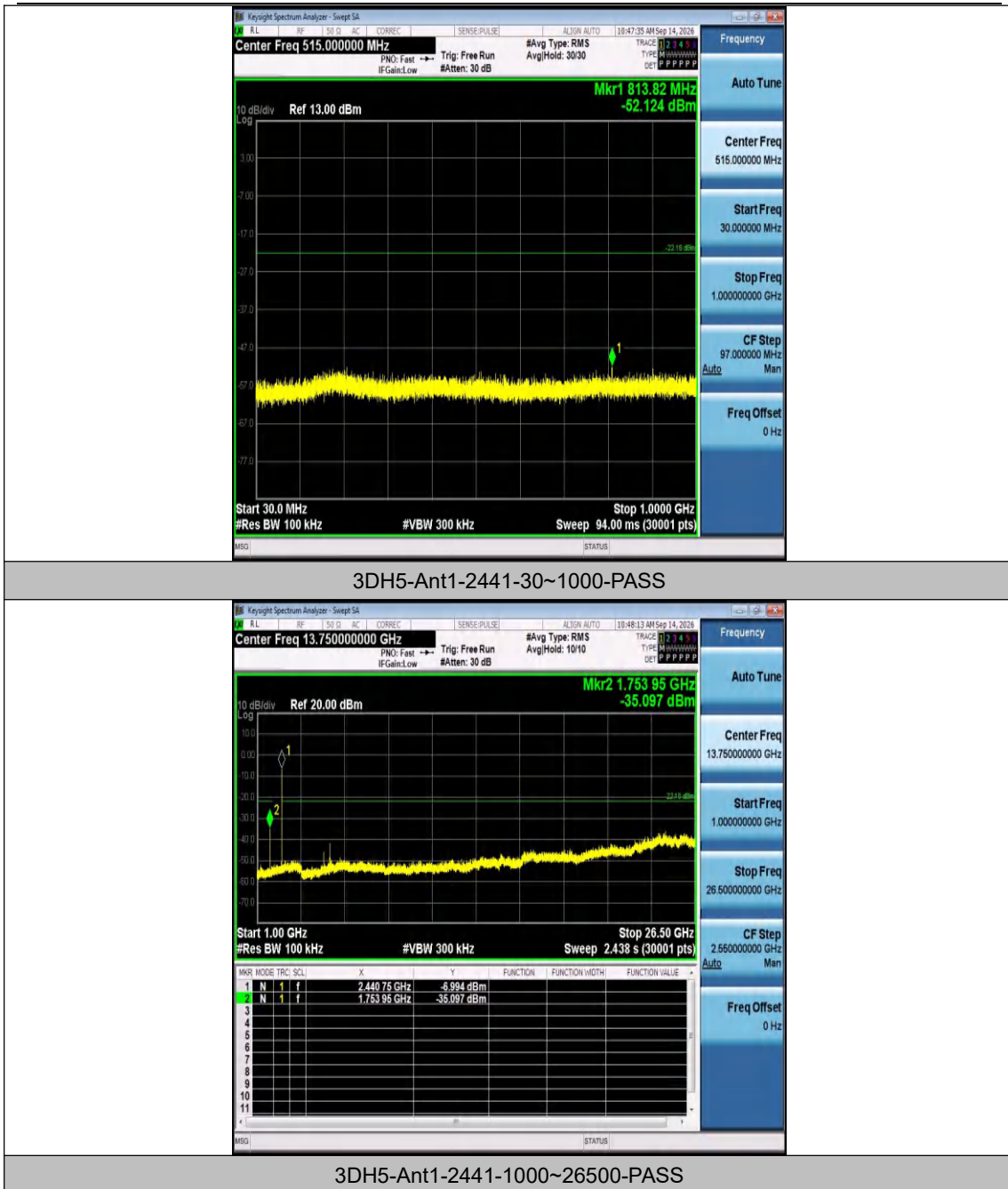
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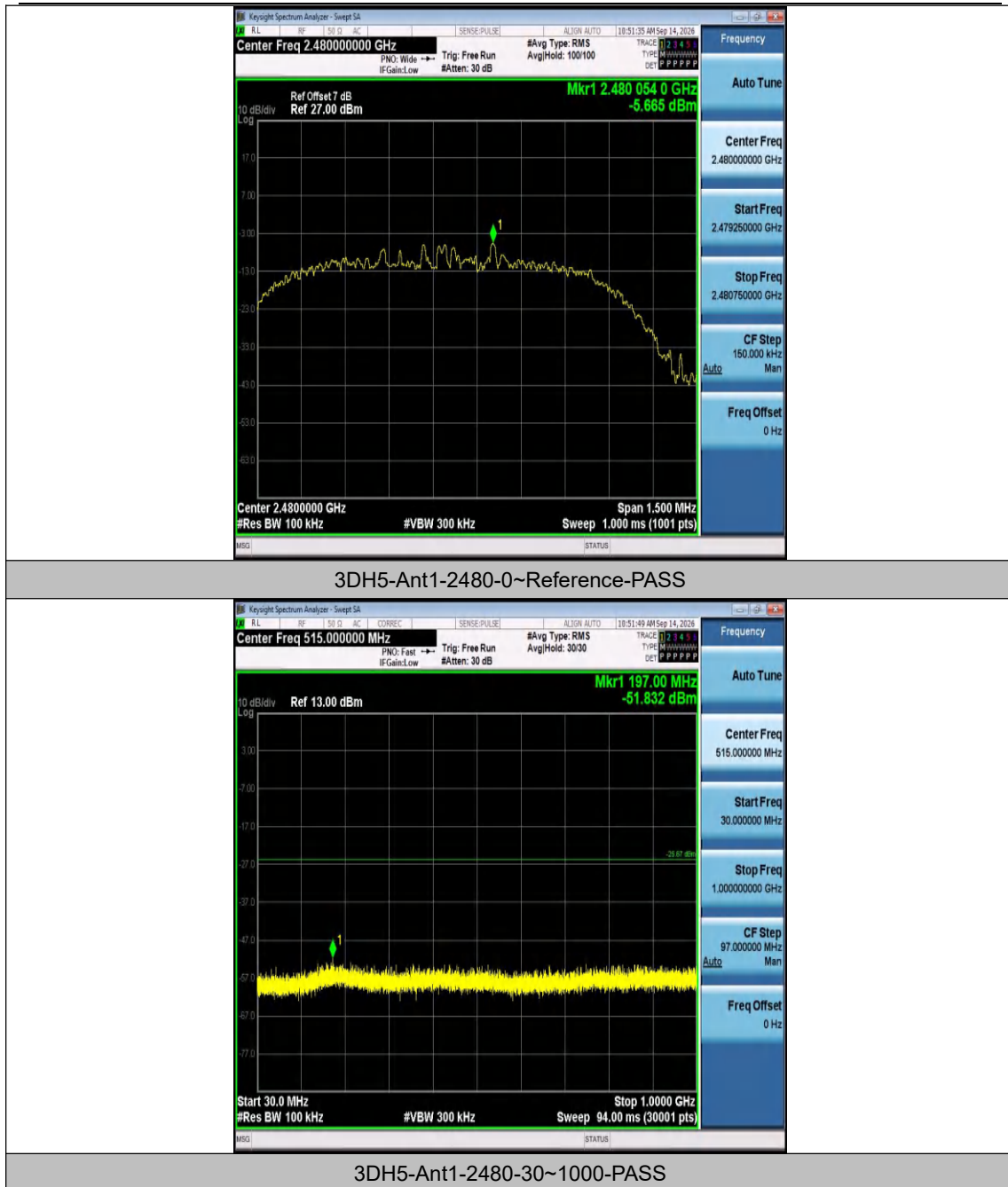
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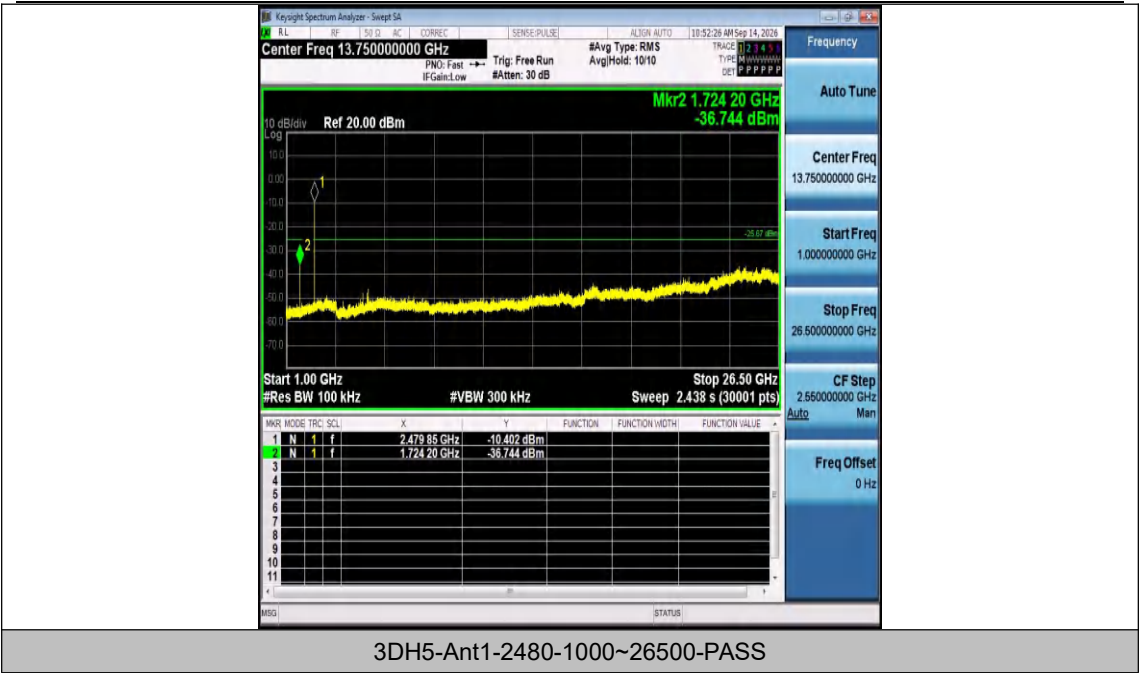
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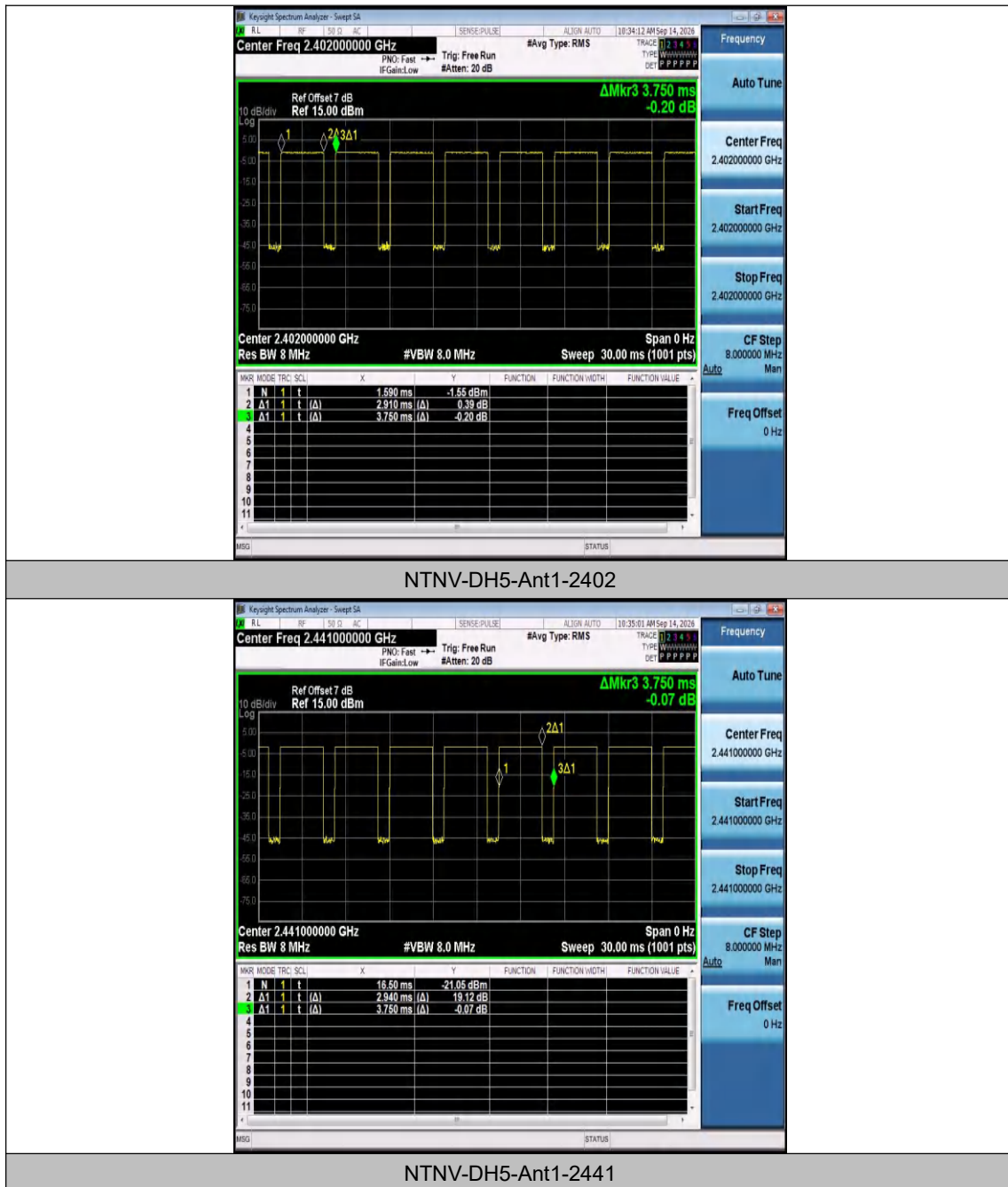
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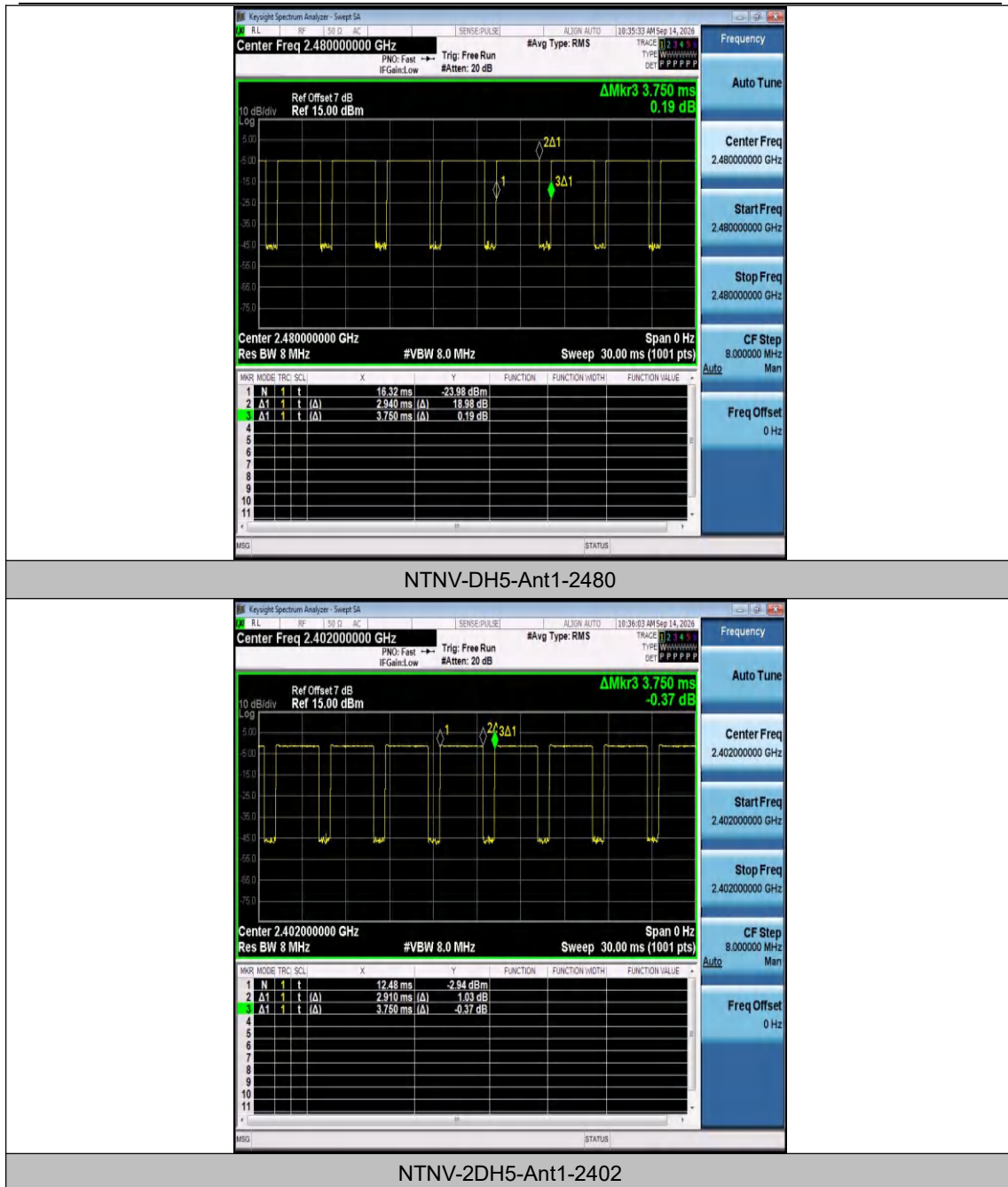
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.94	3.75	78.40	1.06
DH5	Ant1	2480	2.94	3.75	78.40	1.06
2DH5	Ant1	2402	2.91	3.75	77.60	1.10
2DH5	Ant1	2441	2.91	3.75	77.60	1.10
2DH5	Ant1	2480	2.94	3.75	78.40	1.06
3DH5	Ant1	2402	2.91	3.75	77.60	1.10
3DH5	Ant1	2441	2.88	3.75	76.80	1.15
3DH5	Ant1	2480	2.91	3.75	77.60	1.10

Test Graphs

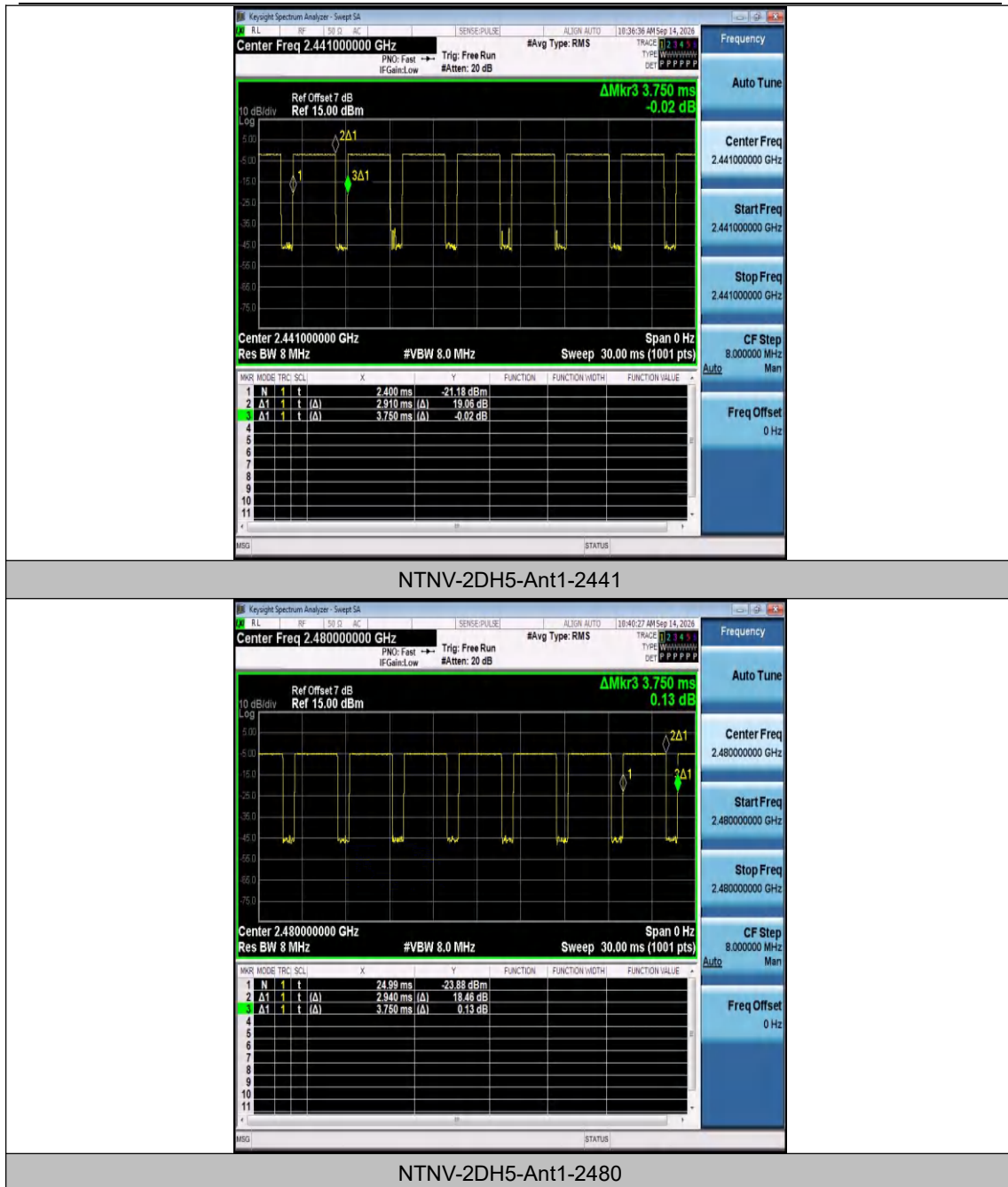




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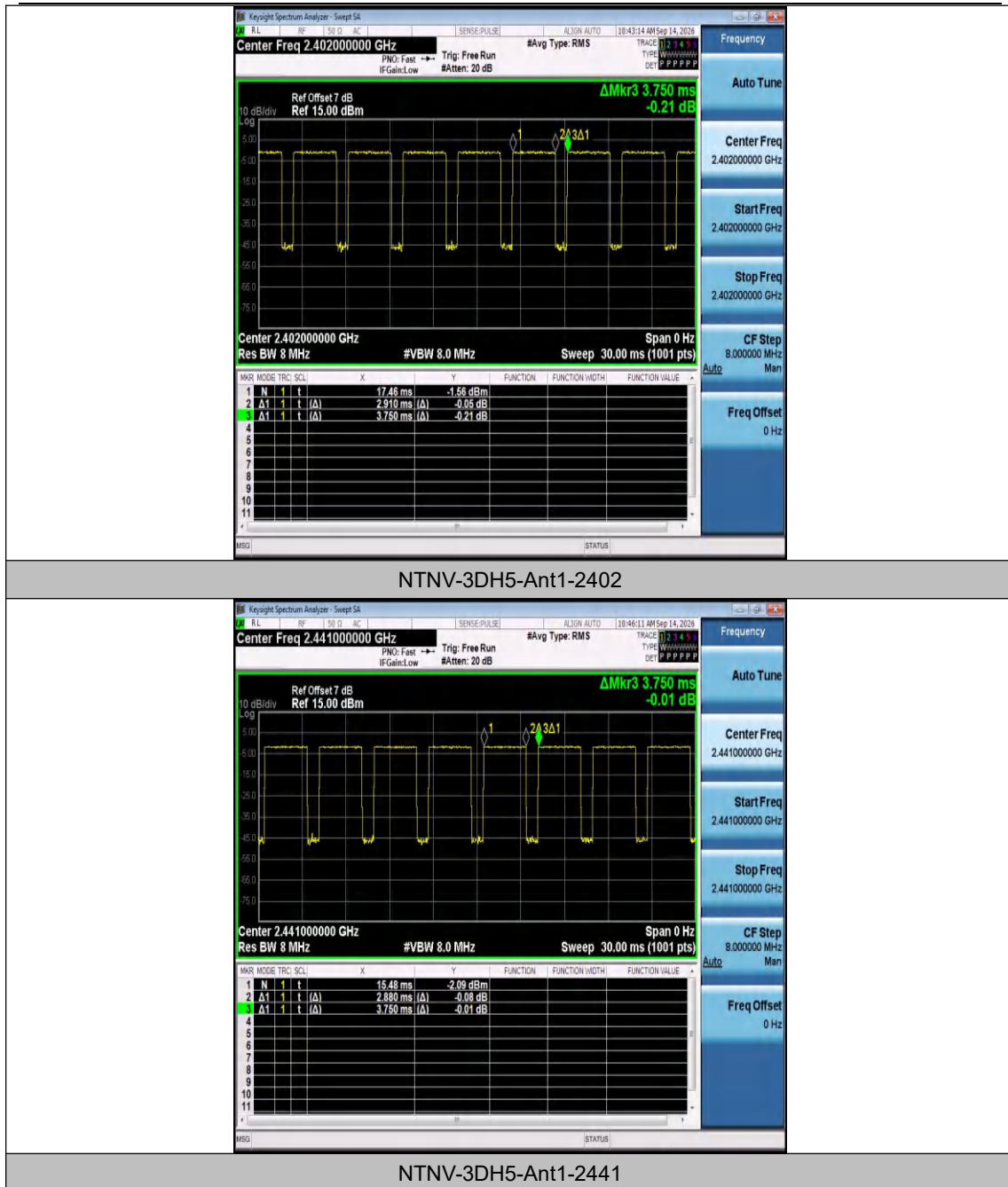
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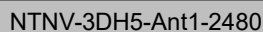
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