

Appendix Test Data

Report No.:	1812C60437412501-01	Test Sample No.:	1-3-2
Start Test Date:	2026-8-10	Finish Test Date:	2026-8-20
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.5°C	Relative Humidity:	51%
Pressure:	99.5kPa		

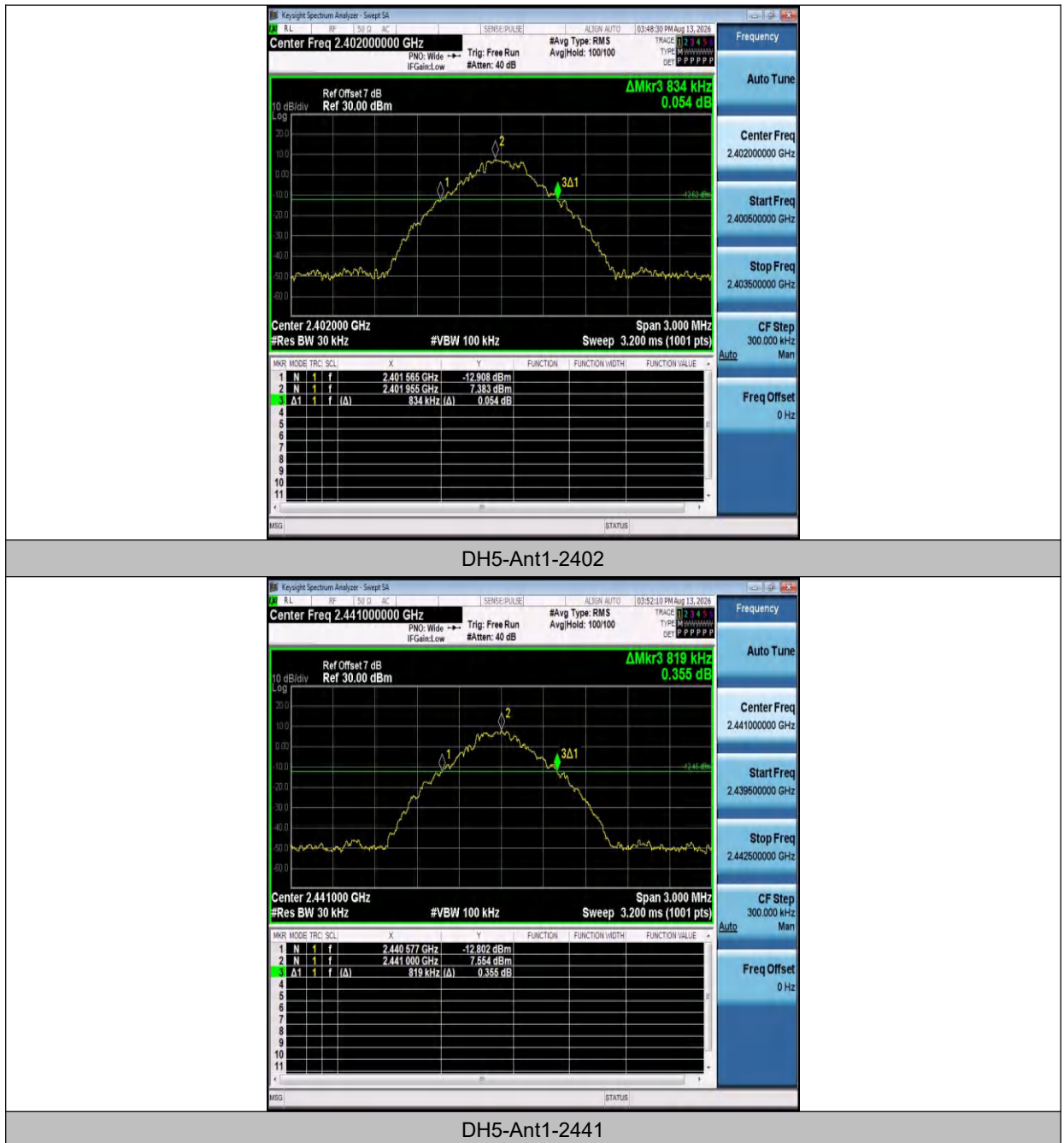


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.834	2401.565	2402.399	---	---
DH5	Ant1	2441	0.819	2440.577	2441.396	---	---
DH5	Ant1	2480	0.846	2479.559	2480.405	---	---
2DH5	Ant1	2402	1.317	2401.328	2402.645	---	---
2DH5	Ant1	2441	1.287	2440.346	2441.633	---	---
2DH5	Ant1	2480	1.284	2479.349	2480.633	---	---
3DH5	Ant1	2402	1.290	2401.334	2402.624	---	---
3DH5	Ant1	2441	1.290	2440.340	2441.630	---	---
3DH5	Ant1	2480	1.260	2479.343	2480.603	---	---

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	0.74945	2401.6149	2402.3644	---	---
DH5	Ant1	2441	0.74229	2440.6163	2441.3586	---	---
DH5	Ant1	2480	0.75627	2479.6132	2480.3695	---	---
2DH5	Ant1	2402	1.1645	2401.3973	2402.5618	---	---
2DH5	Ant1	2441	1.1702	2440.3952	2441.5654	---	---
2DH5	Ant1	2480	1.1735	2479.3970	2480.5705	---	---
3DH5	Ant1	2402	1.1840	2401.3916	2402.5756	---	---
3DH5	Ant1	2441	1.1694	2440.3998	2441.5692	---	---
3DH5	Ant1	2480	1.1669	2479.4011	2480.5680	---	---

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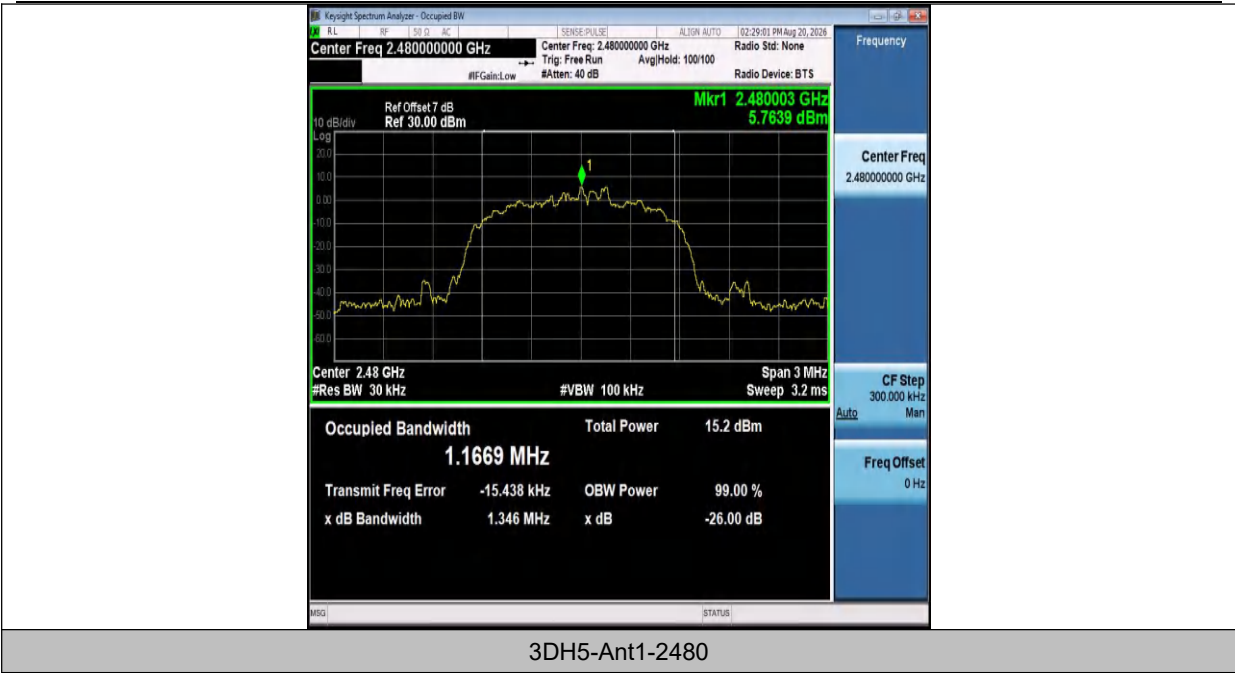
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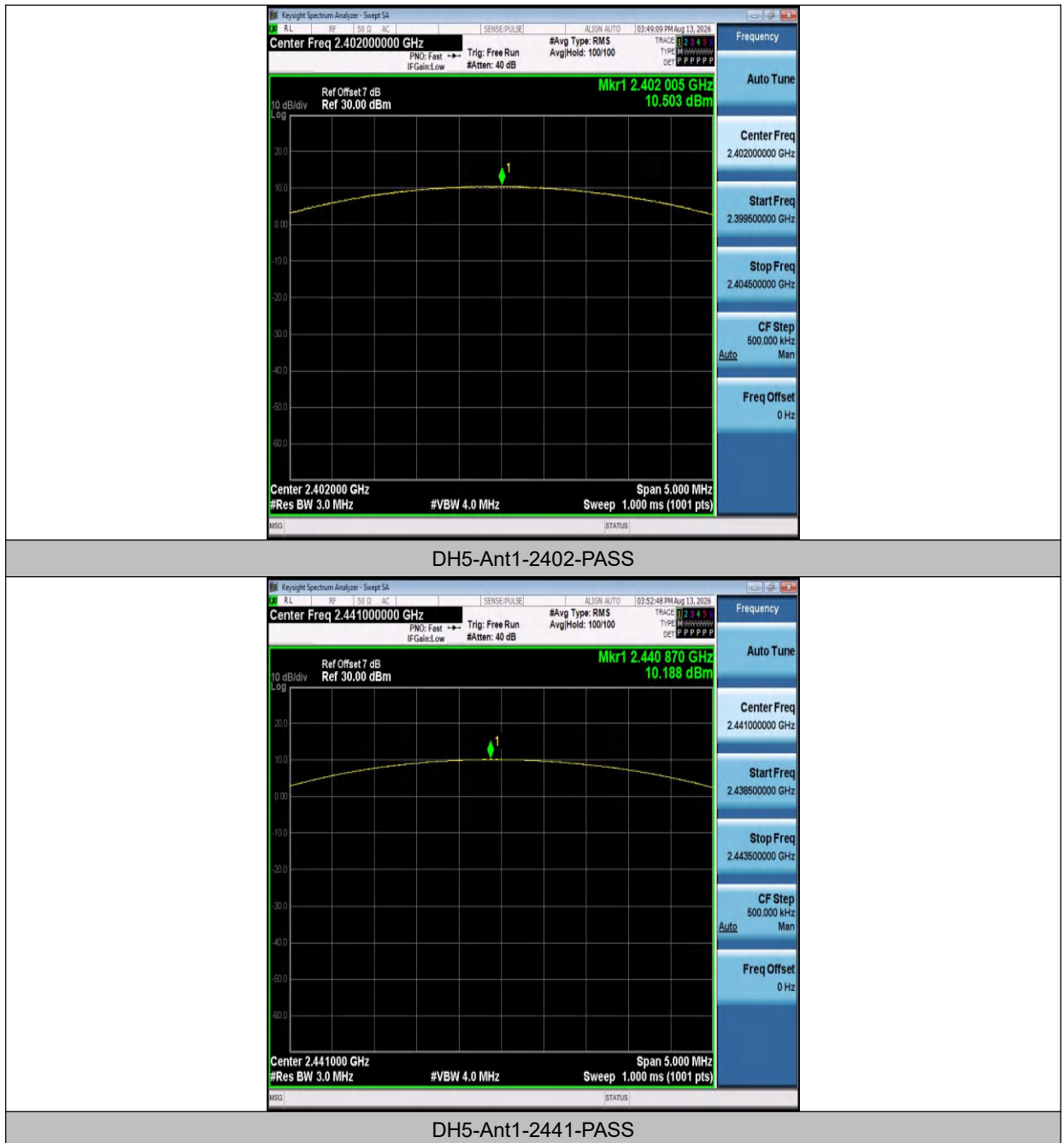
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	10.50	≤20.97	PASS
DH5	Ant1	2441	10.19	≤20.97	PASS
DH5	Ant1	2480	10.13	≤20.97	PASS
2DH5	Ant1	2402	10.16	≤20.97	PASS
2DH5	Ant1	2441	9.89	≤20.97	PASS
2DH5	Ant1	2480	10.03	≤20.97	PASS
3DH5	Ant1	2402	10.14	≤20.97	PASS
3DH5	Ant1	2441	10.08	≤20.97	PASS
3DH5	Ant1	2480	10.09	≤20.97	PASS

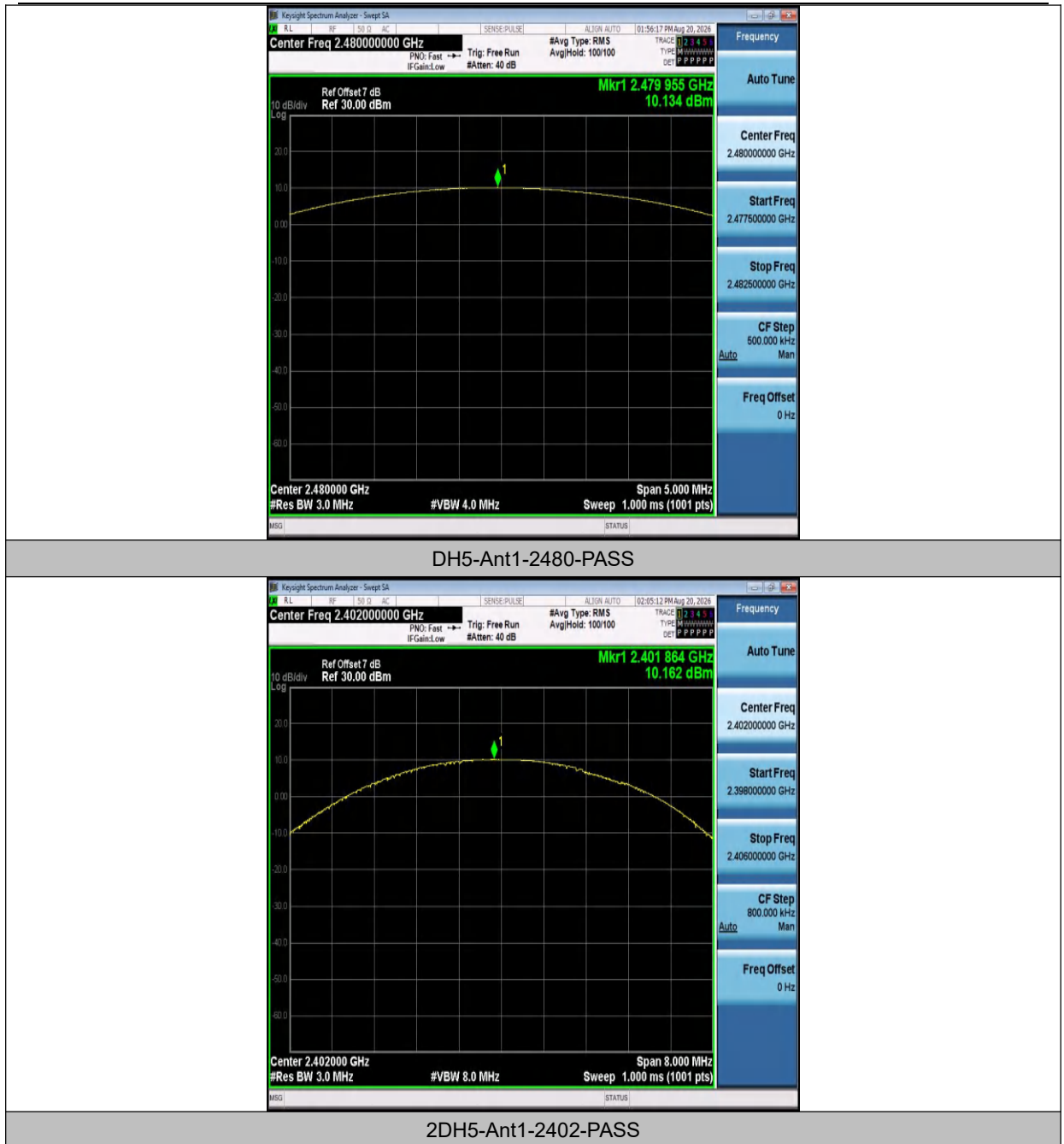
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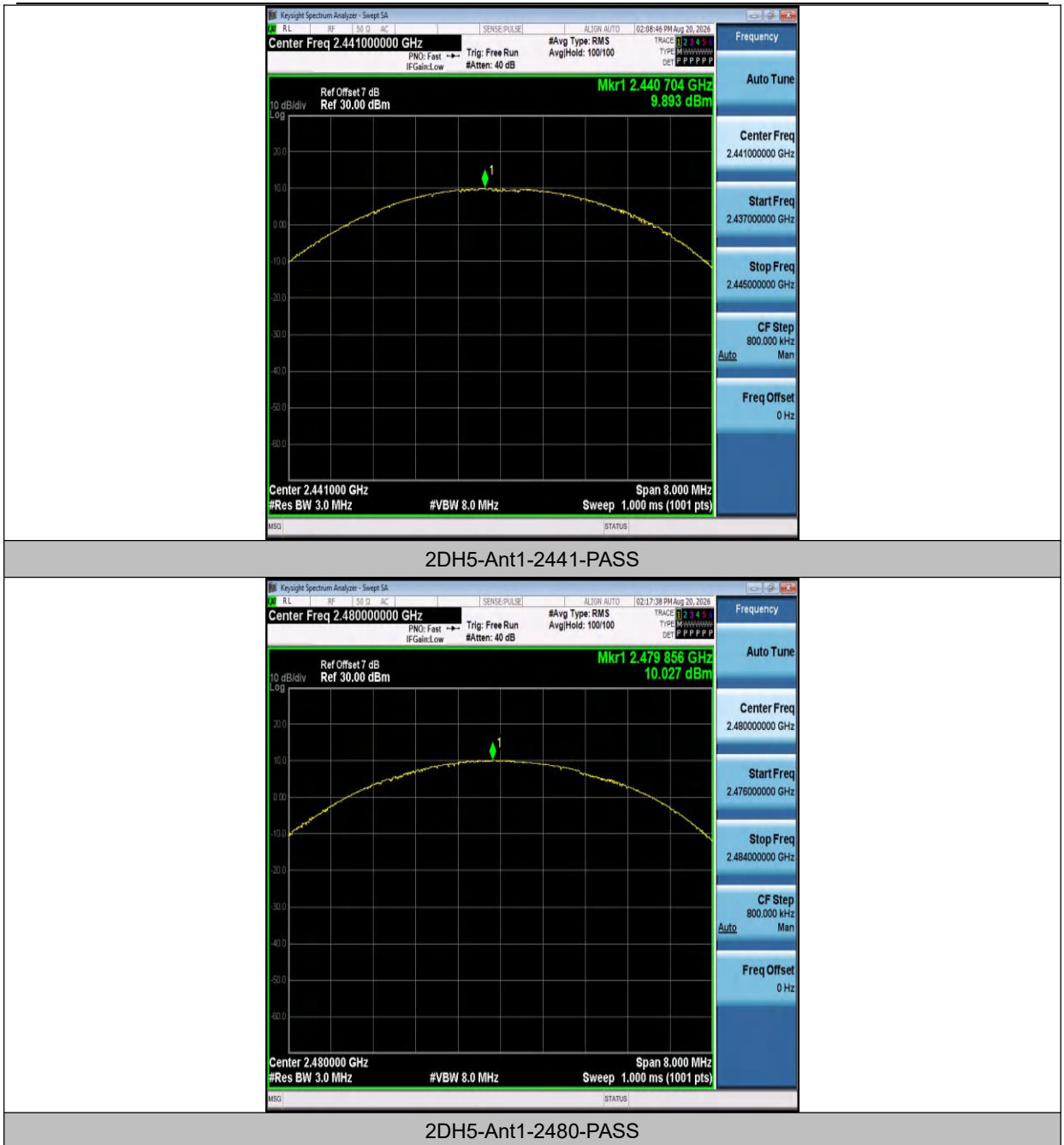
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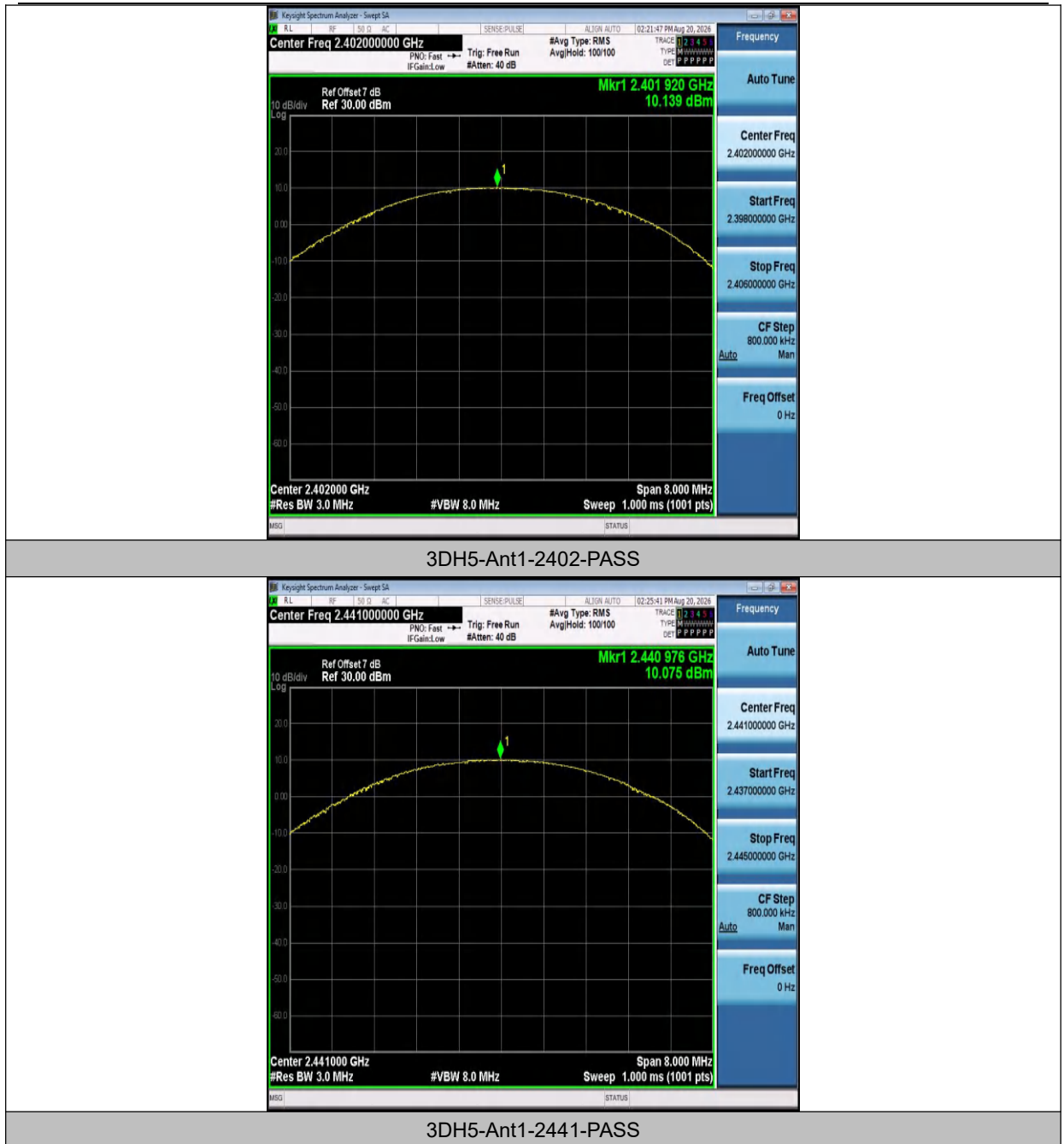
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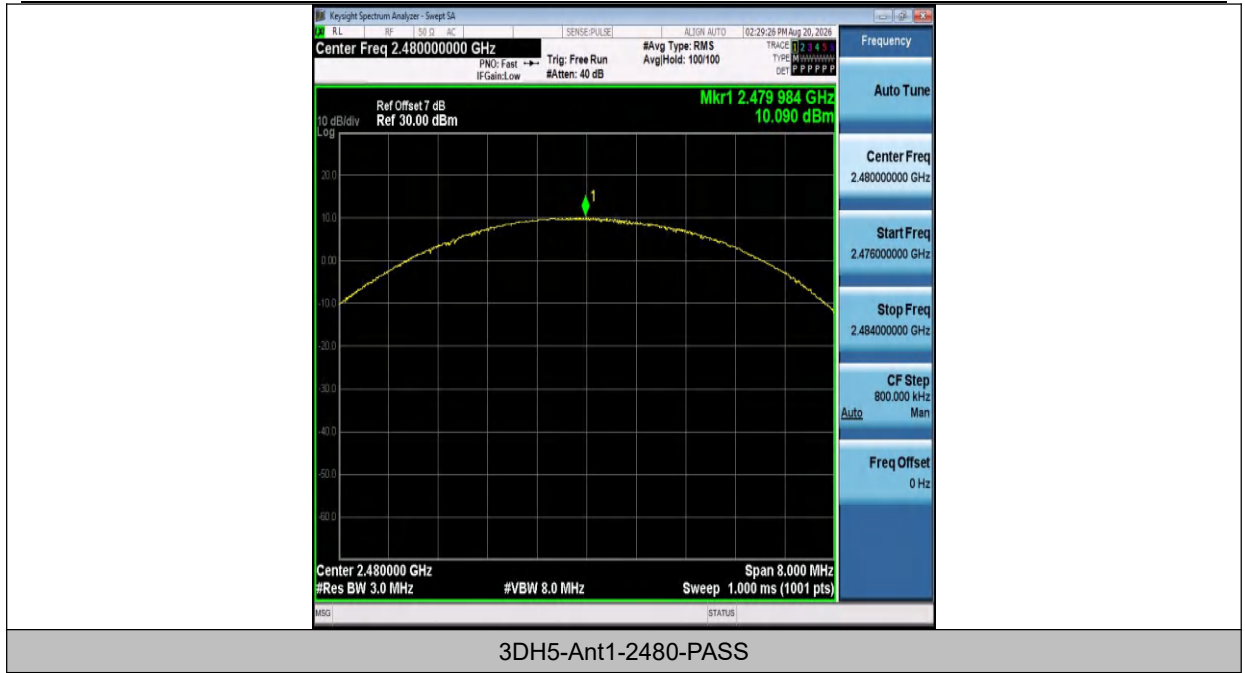
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.95	≥ 0.564	PASS
2DH5	Ant1	Hop	0.994	≥ 0.878	PASS
3DH5	Ant1	Hop	0.992	≥ 0.860	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.

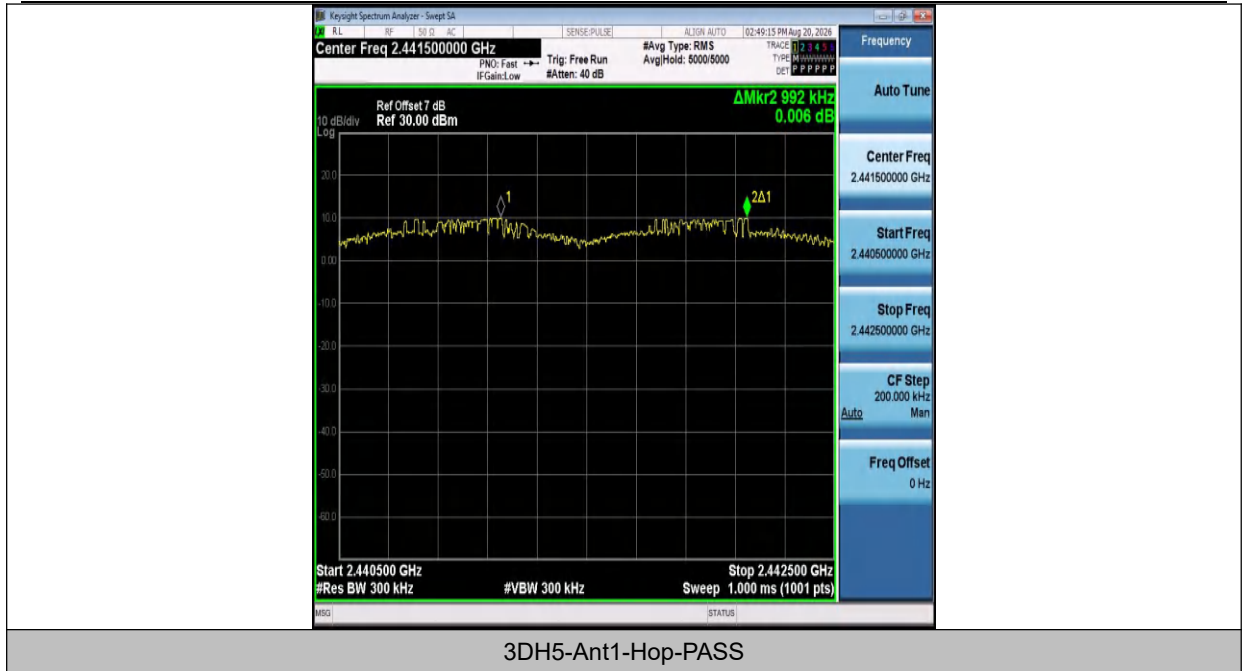
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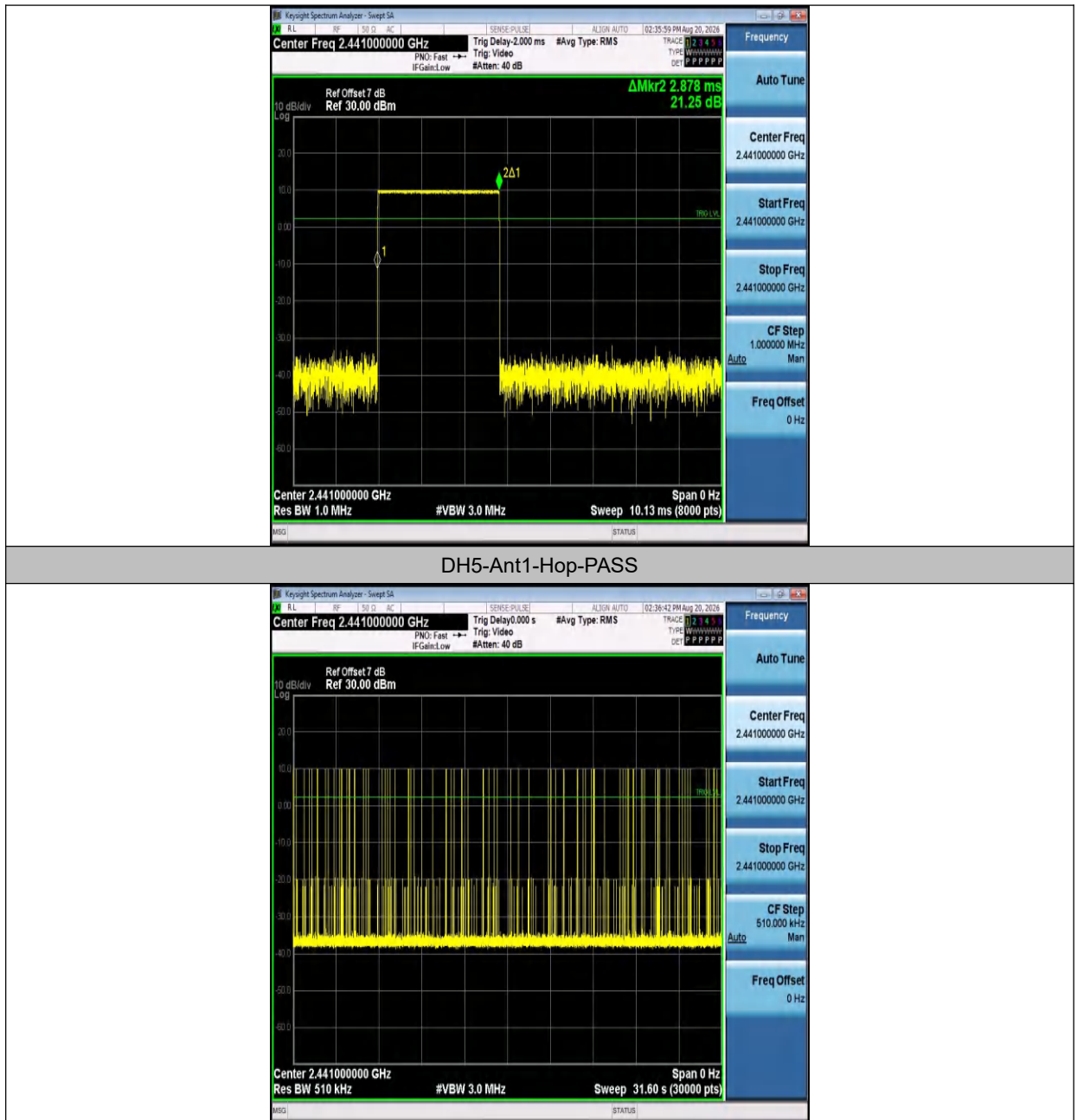
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.878	79	0.227	≤0.4	PASS
2DH5	Ant1	Hop	2.883	79	0.228	≤0.4	PASS
3DH5	Ant1	Hop	2.883	92	0.265	≤0.4	PASS

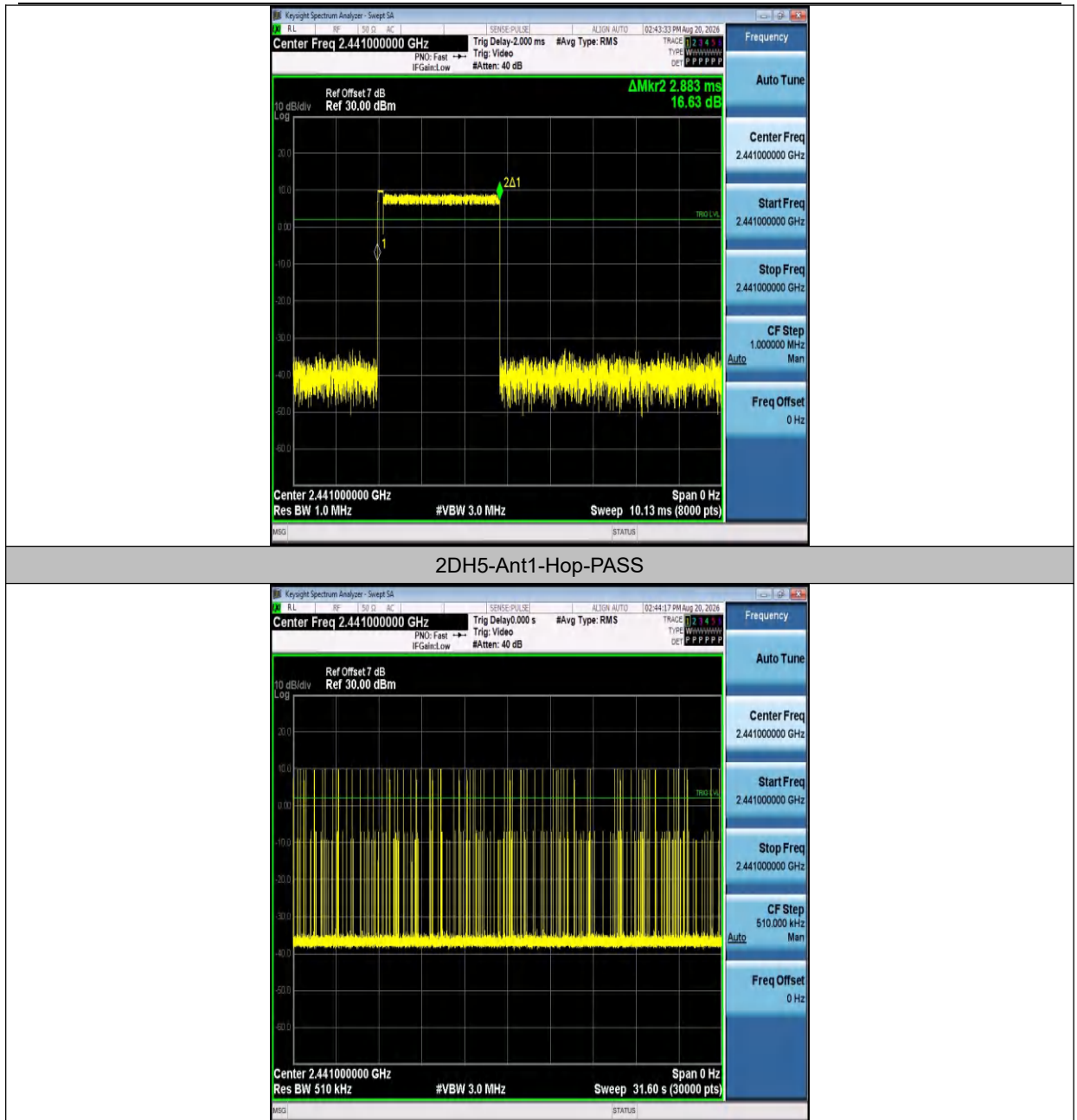
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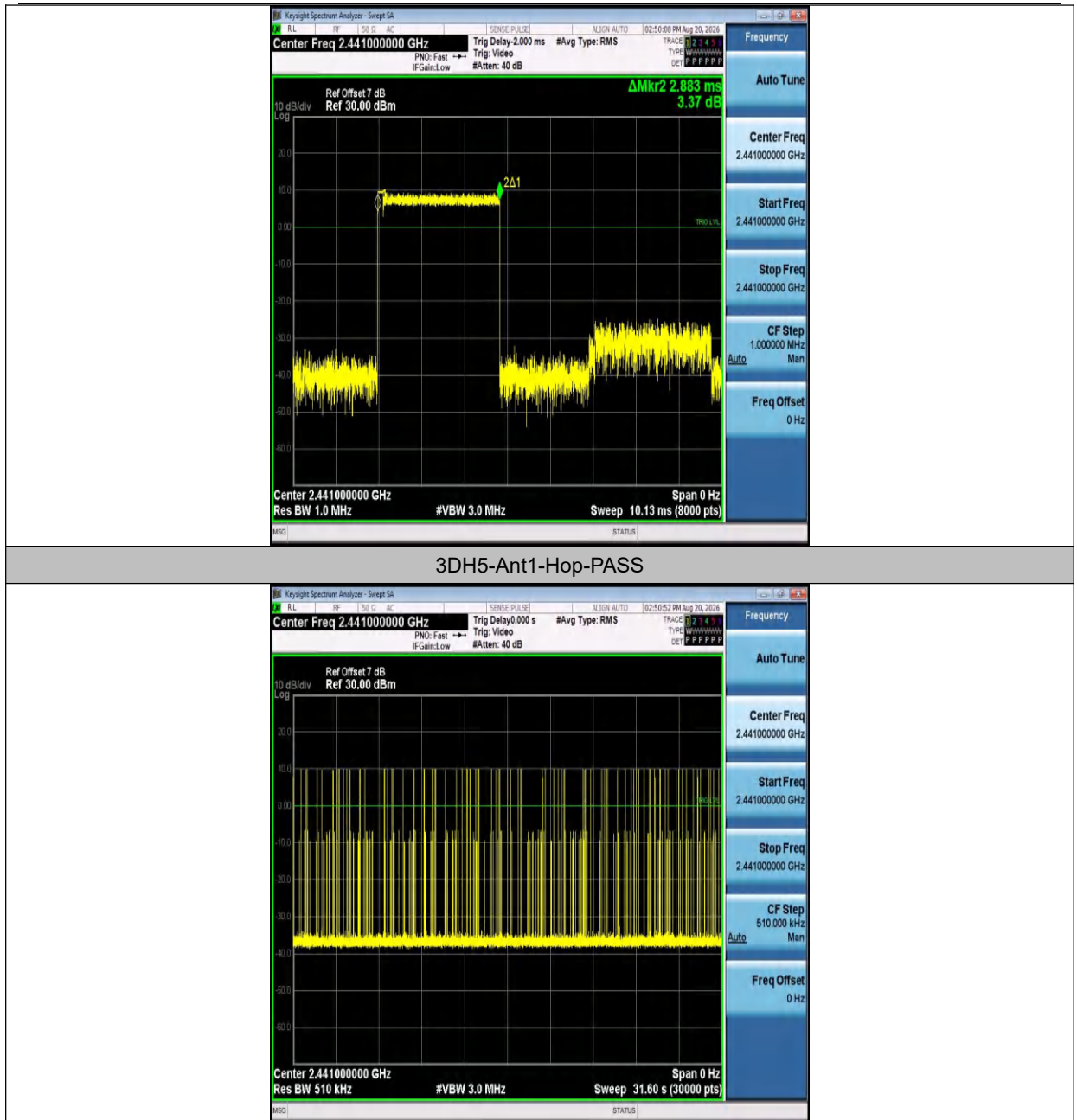
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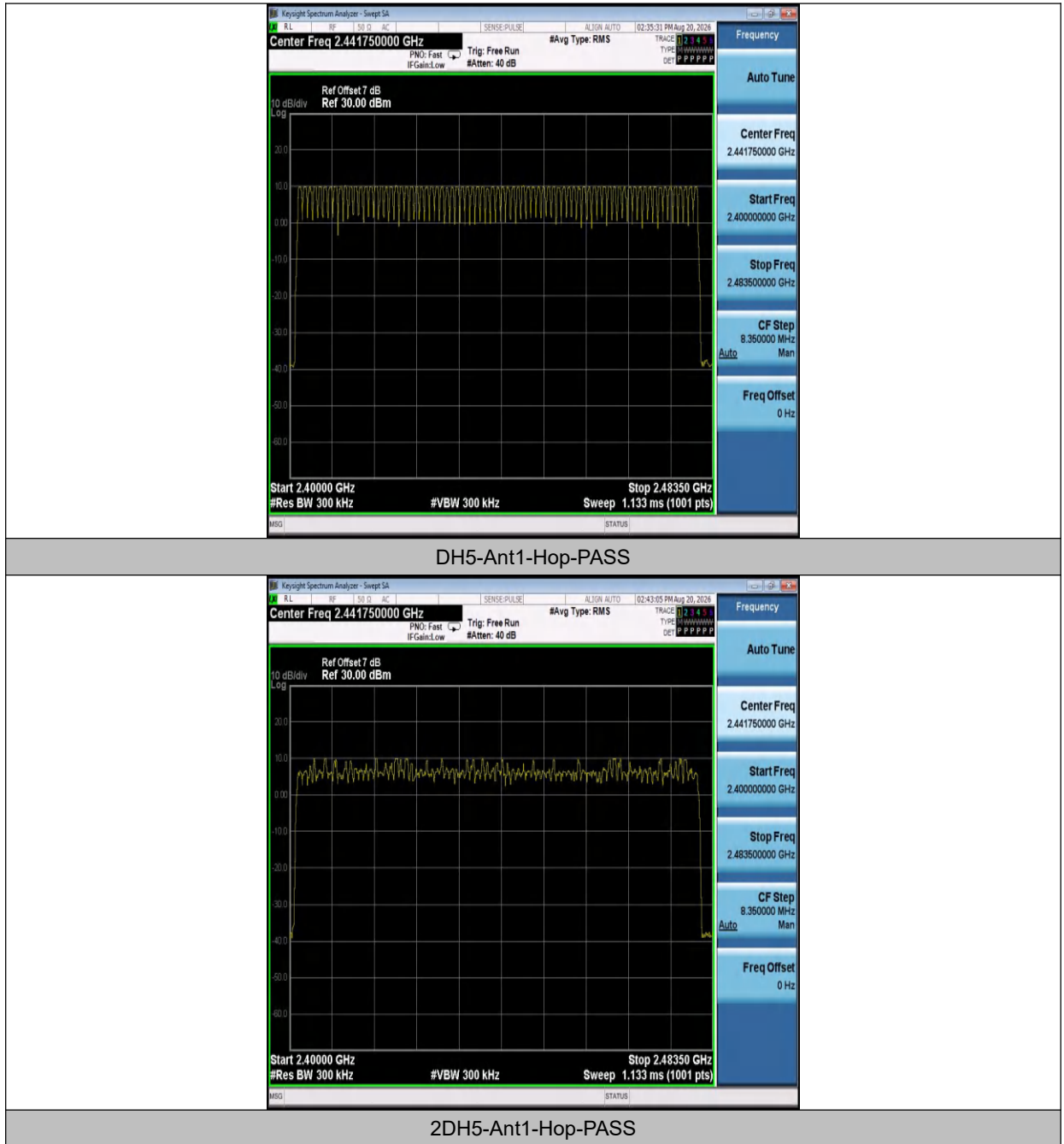
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Appendix F: Number of Hopping Channel

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

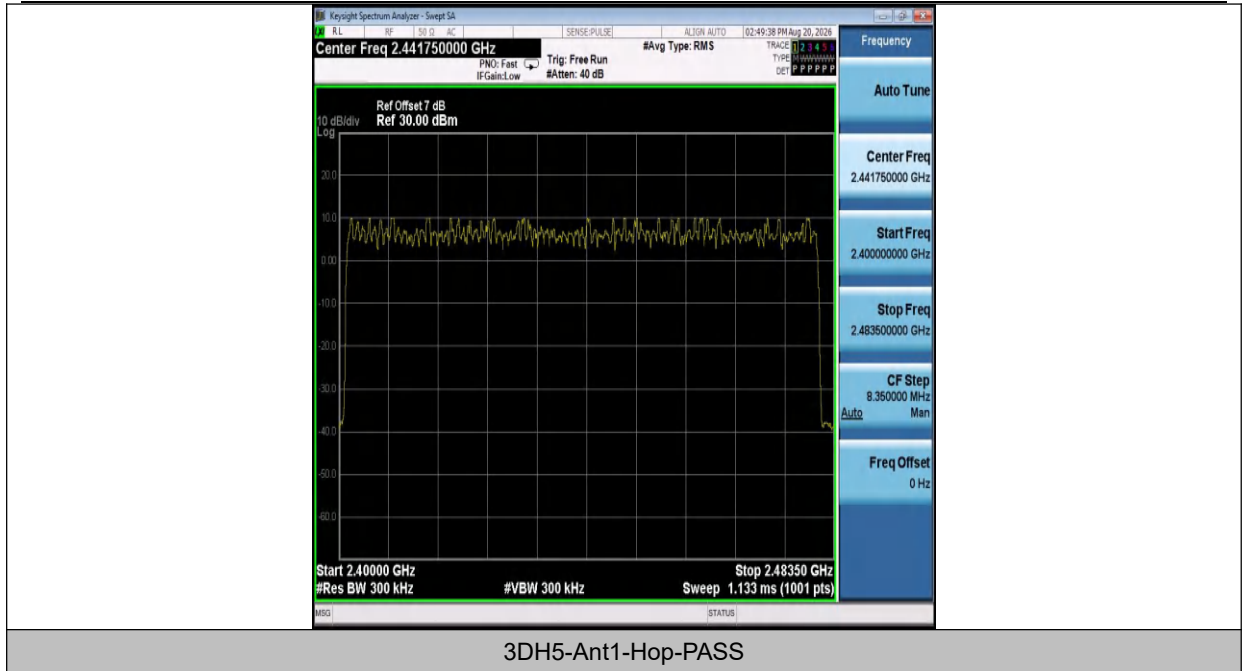
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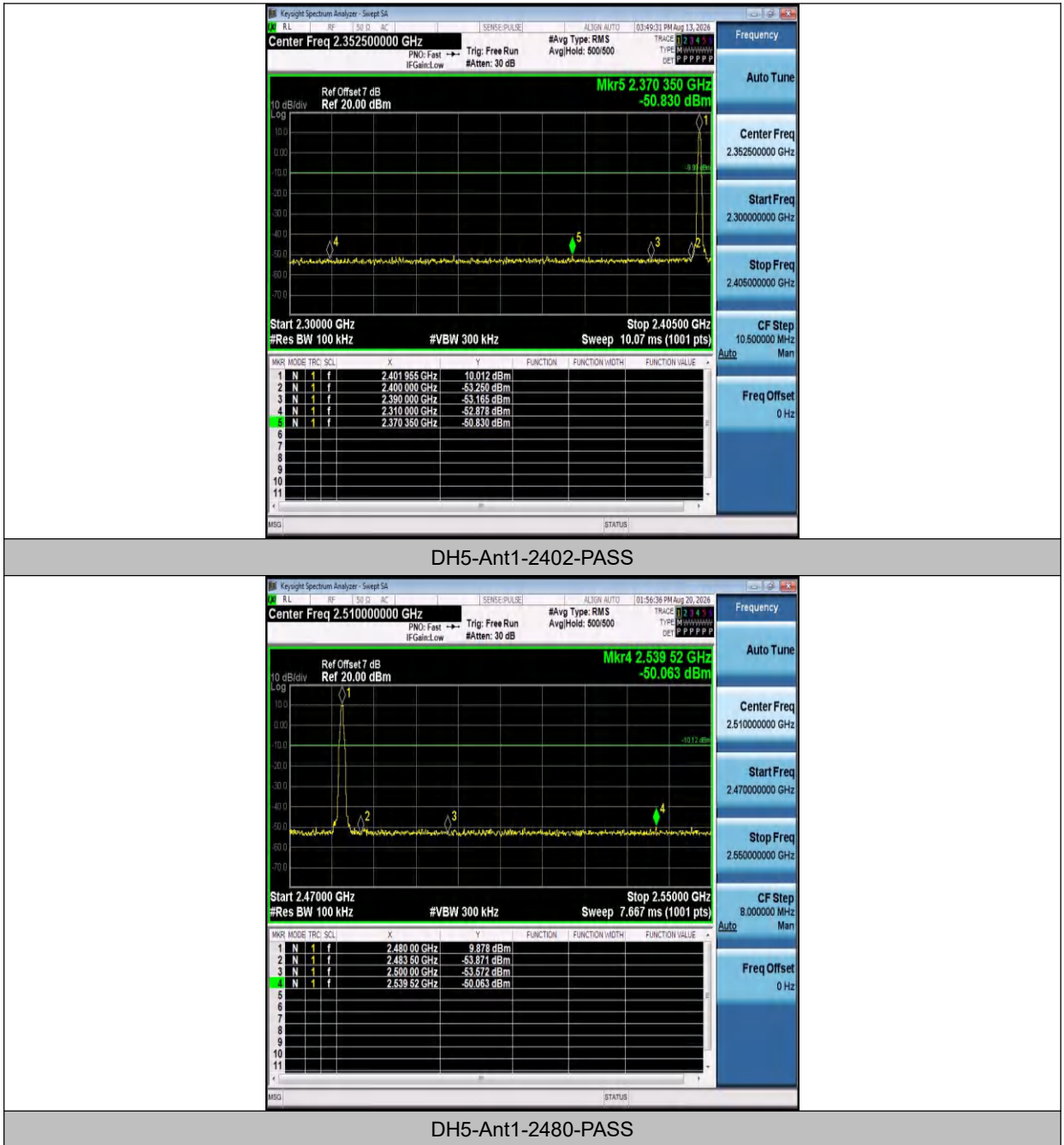
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	10.01	-50.83	≤-9.99	PASS
DH5	Ant1	High	2480	9.88	-50.06	≤-10.12	PASS
DH5	Ant1	Low	Hop_2402	9.45	-51.46	≤-10.55	PASS
DH5	Ant1	High	Hop_2480	9.59	-50.72	≤-10.41	PASS
2DH5	Ant1	Low	2402	9.92	-50.6	≤-10.09	PASS
2DH5	Ant1	High	2480	9.55	-50.51	≤-10.46	PASS
2DH5	Ant1	Low	Hop_2402	3.94	-51.37	≤-16.06	PASS
2DH5	Ant1	High	Hop_2480	4.85	-50.16	≤-15.15	PASS
3DH5	Ant1	Low	2402	9.74	-51.16	≤-10.26	PASS
3DH5	Ant1	High	2480	9.70	-48.44	≤-10.3	PASS
3DH5	Ant1	Low	Hop_2402	7.08	-50.72	≤-12.92	PASS
3DH5	Ant1	High	Hop_2480	9.76	-50.33	≤-10.24	PASS

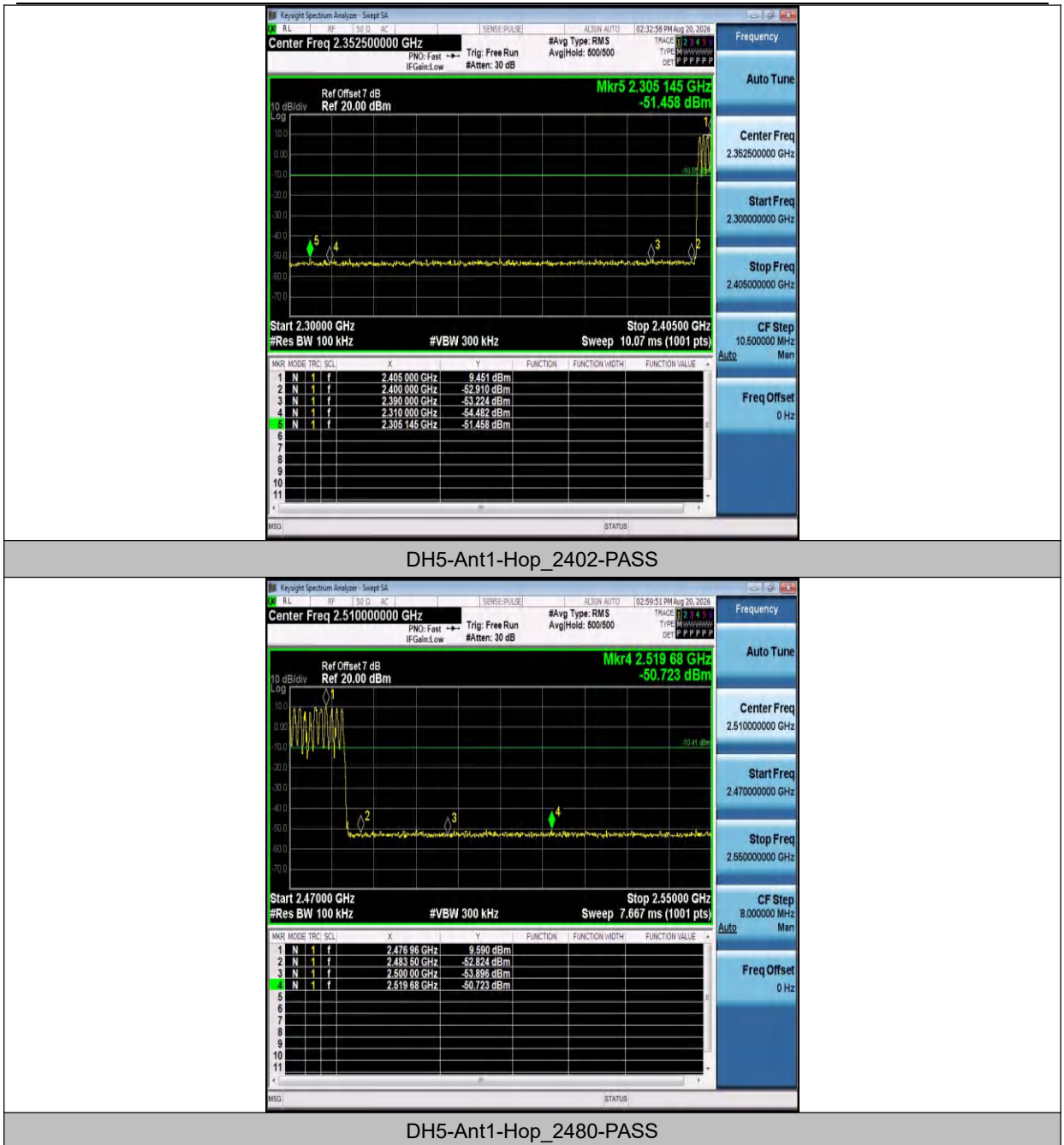
Test Graphs

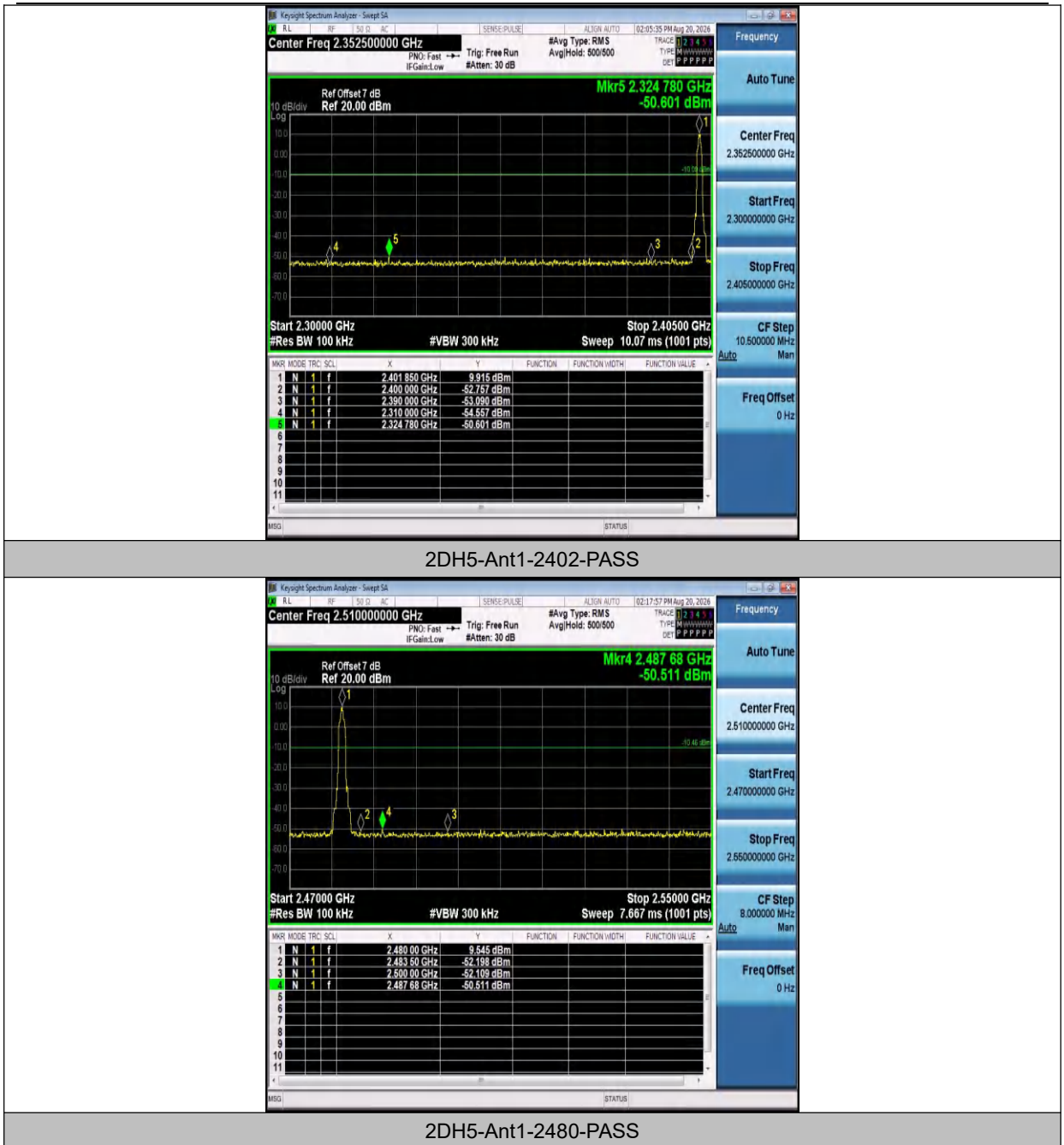


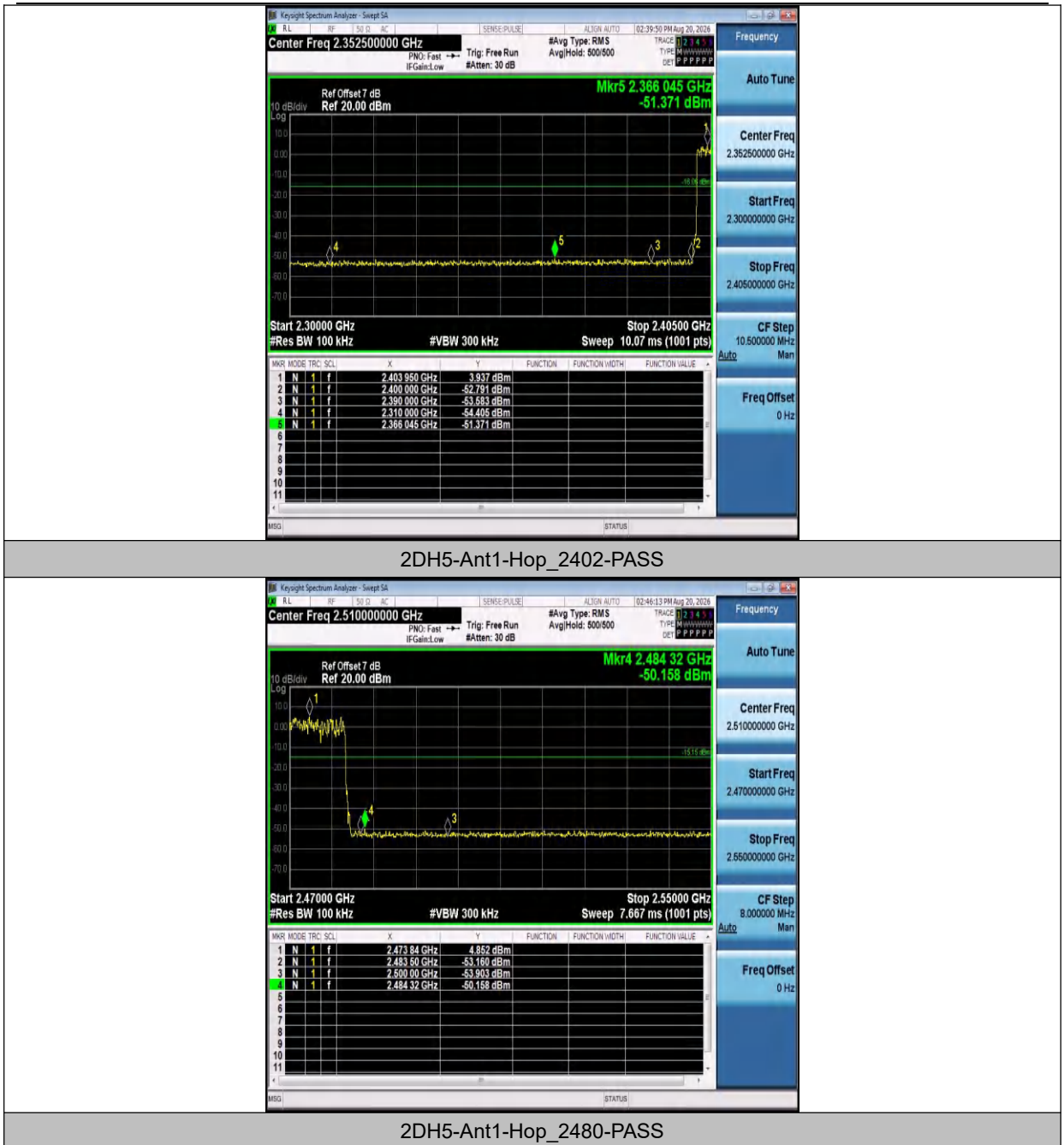
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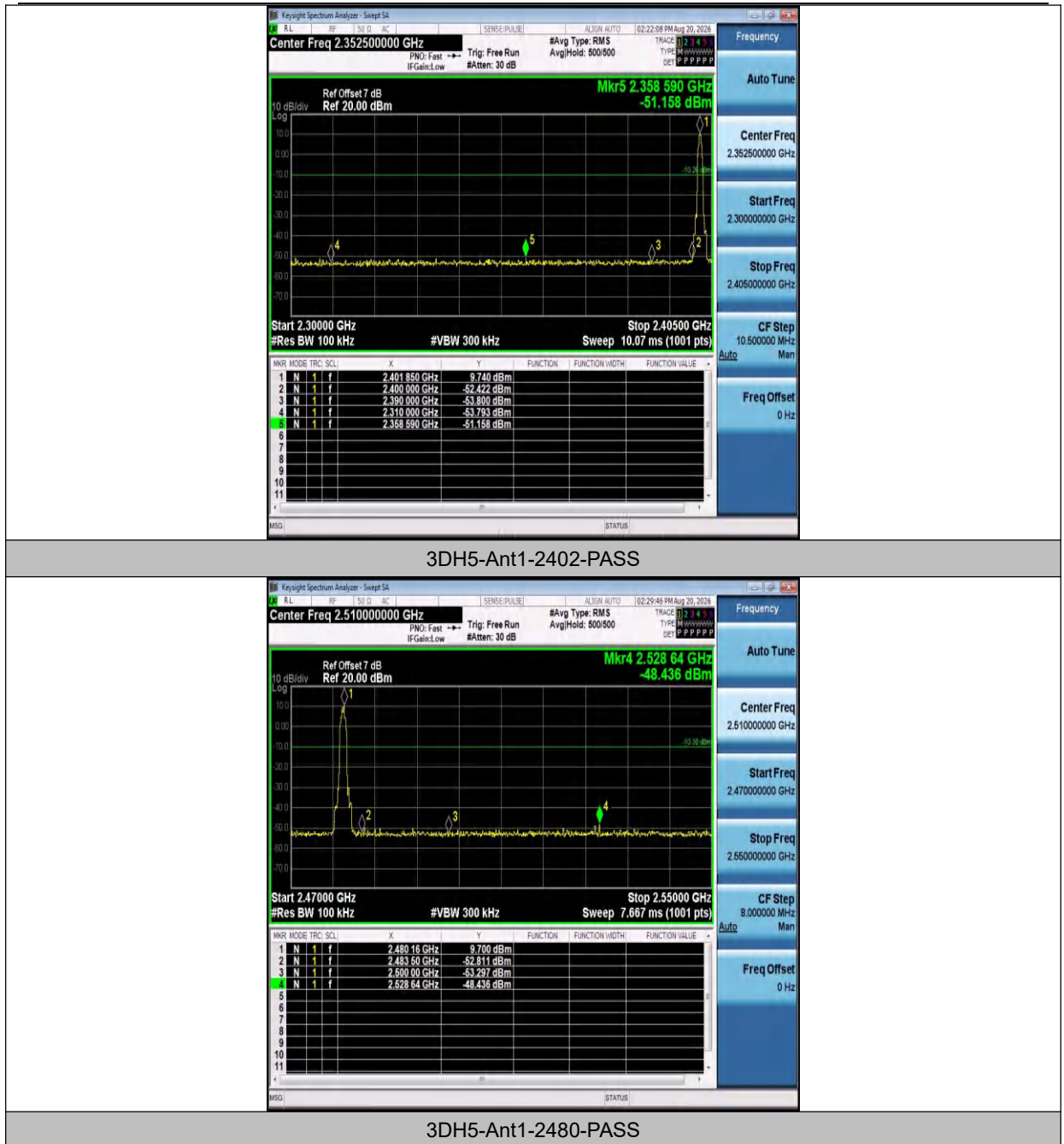
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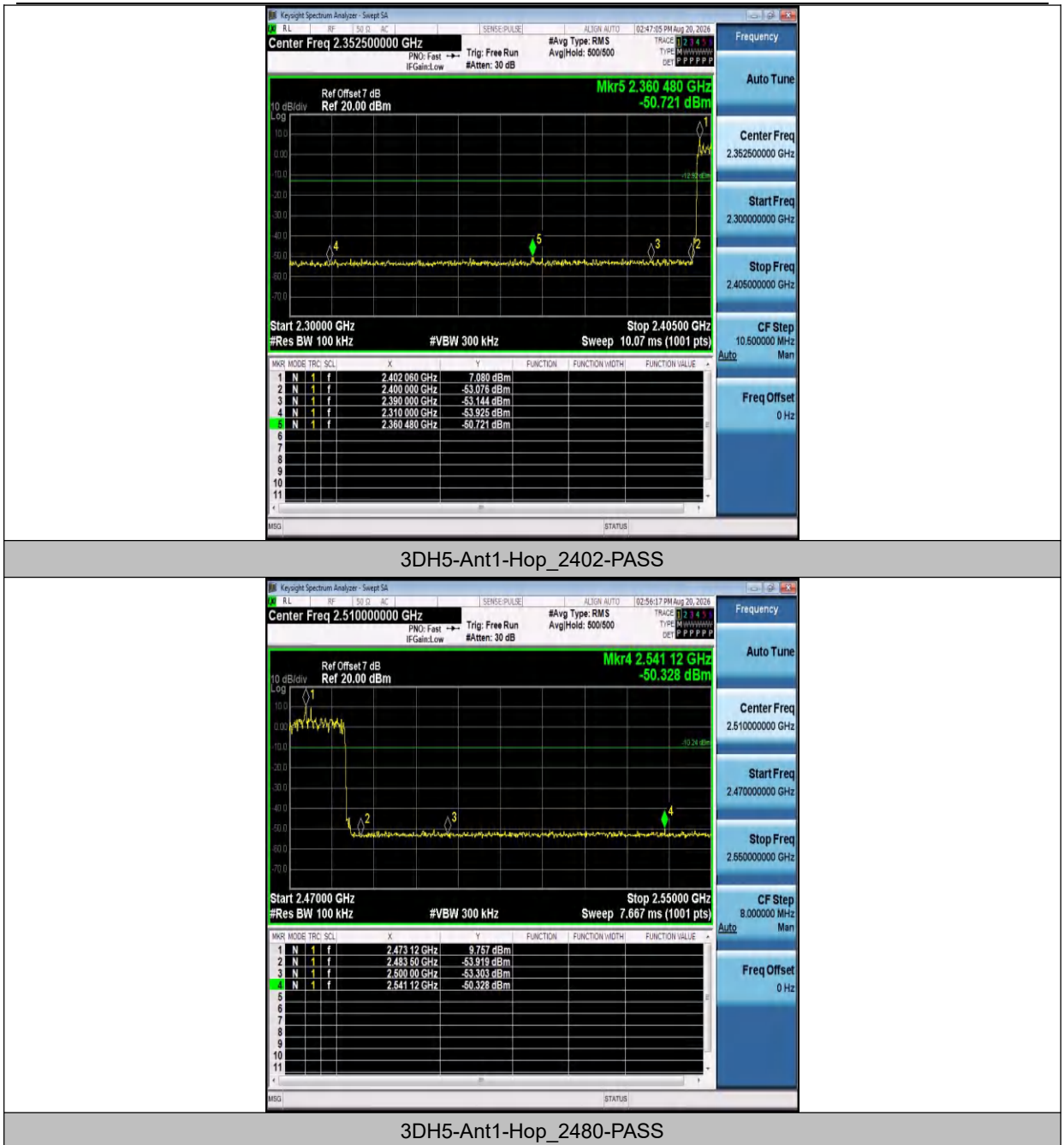
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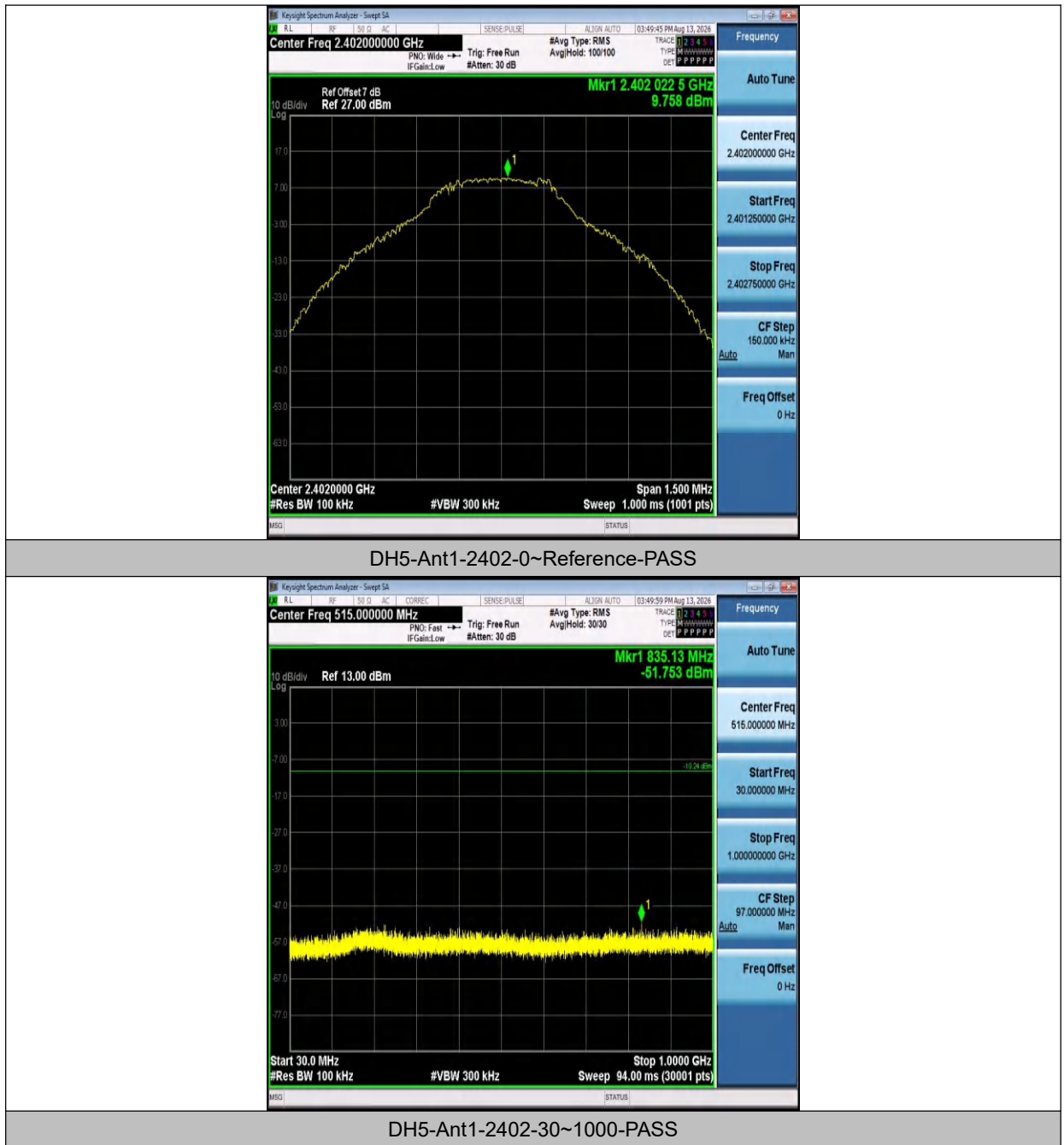
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	9.76	9.76	---	PASS
DH5	Ant1	2402	30~1000	9.76	-51.75	≤-10.24	PASS
DH5	Ant1	2402	1000~26500	9.76	-36.89	≤-10.24	PASS
DH5	Ant1	2441	0~Reference	9.56	9.56	---	PASS
DH5	Ant1	2441	30~1000	9.56	-52.25	≤-10.44	PASS
DH5	Ant1	2441	1000~26500	9.56	-35.43	≤-10.44	PASS
DH5	Ant1	2480	0~Reference	9.47	9.47	---	PASS
DH5	Ant1	2480	30~1000	9.47	-51.75	≤-10.53	PASS
DH5	Ant1	2480	1000~26500	9.47	-36.6	≤-10.53	PASS
2DH5	Ant1	2402	0~Reference	9.75	9.75	---	PASS
2DH5	Ant1	2402	30~1000	9.75	-52.35	≤-10.25	PASS
2DH5	Ant1	2402	1000~26500	9.75	-38.01	≤-10.25	PASS
2DH5	Ant1	2441	0~Reference	9.50	9.50	---	PASS
2DH5	Ant1	2441	30~1000	9.50	-52.56	≤-10.5	PASS
2DH5	Ant1	2441	1000~26500	9.50	-37.32	≤-10.5	PASS
2DH5	Ant1	2480	0~Reference	8.93	8.93	---	PASS
2DH5	Ant1	2480	30~1000	8.93	-52.5	≤-11.07	PASS
2DH5	Ant1	2480	1000~26500	8.93	-37.57	≤-11.07	PASS
3DH5	Ant1	2402	0~Reference	9.63	9.63	---	PASS
3DH5	Ant1	2402	30~1000	9.63	-52.44	≤-10.37	PASS
3DH5	Ant1	2402	1000~26500	9.63	-36.06	≤-10.37	PASS
3DH5	Ant1	2441	0~Reference	9.09	9.09	---	PASS
3DH5	Ant1	2441	30~1000	9.09	-52.53	≤-10.91	PASS
3DH5	Ant1	2441	1000~26500	9.09	-36.6	≤-10.91	PASS
3DH5	Ant1	2480	0~Reference	9.42	9.42	---	PASS
3DH5	Ant1	2480	30~1000	9.42	-49.5	≤-10.58	PASS
3DH5	Ant1	2480	1000~26500	9.42	-37.5	≤-10.58	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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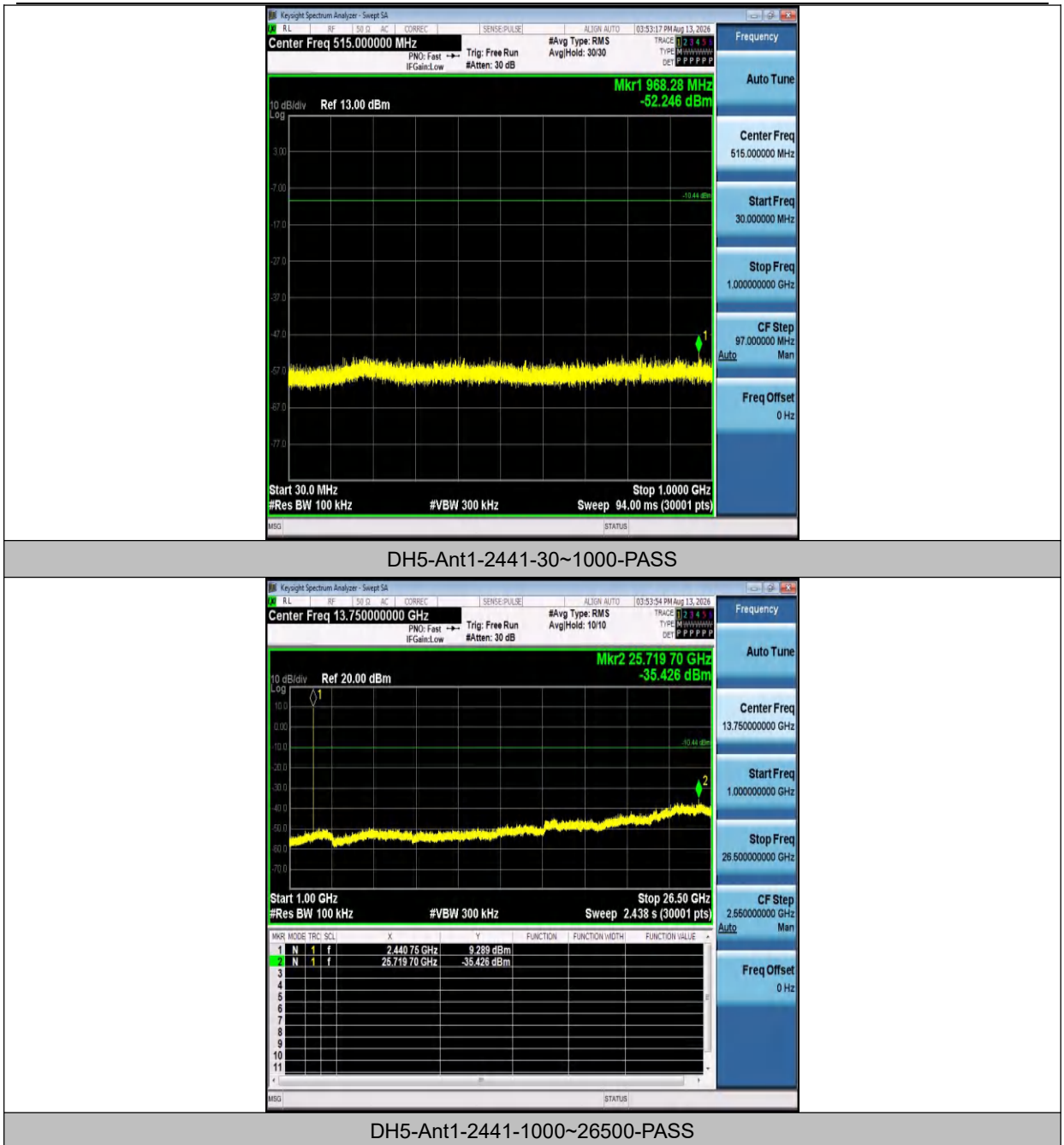
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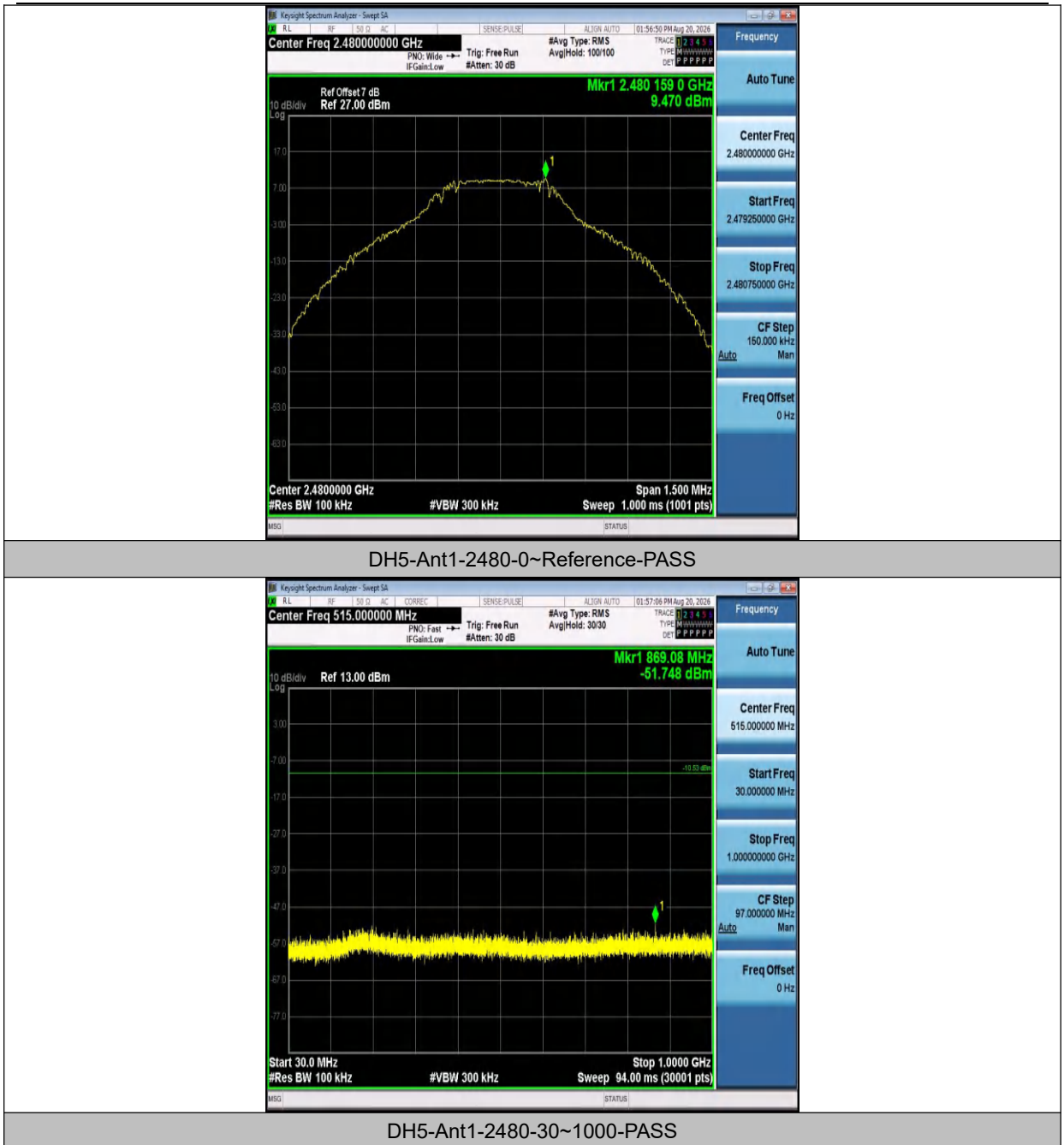
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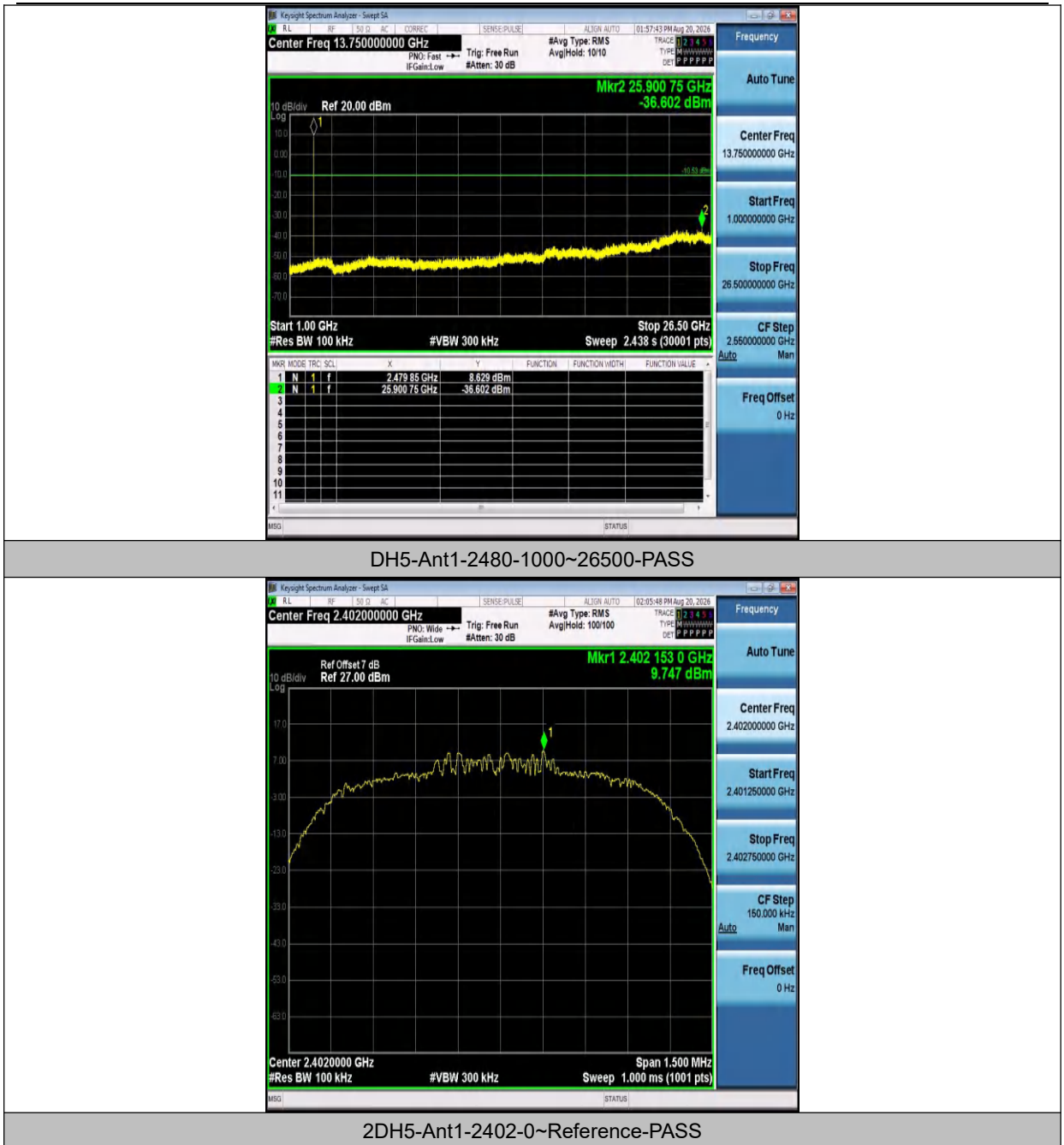
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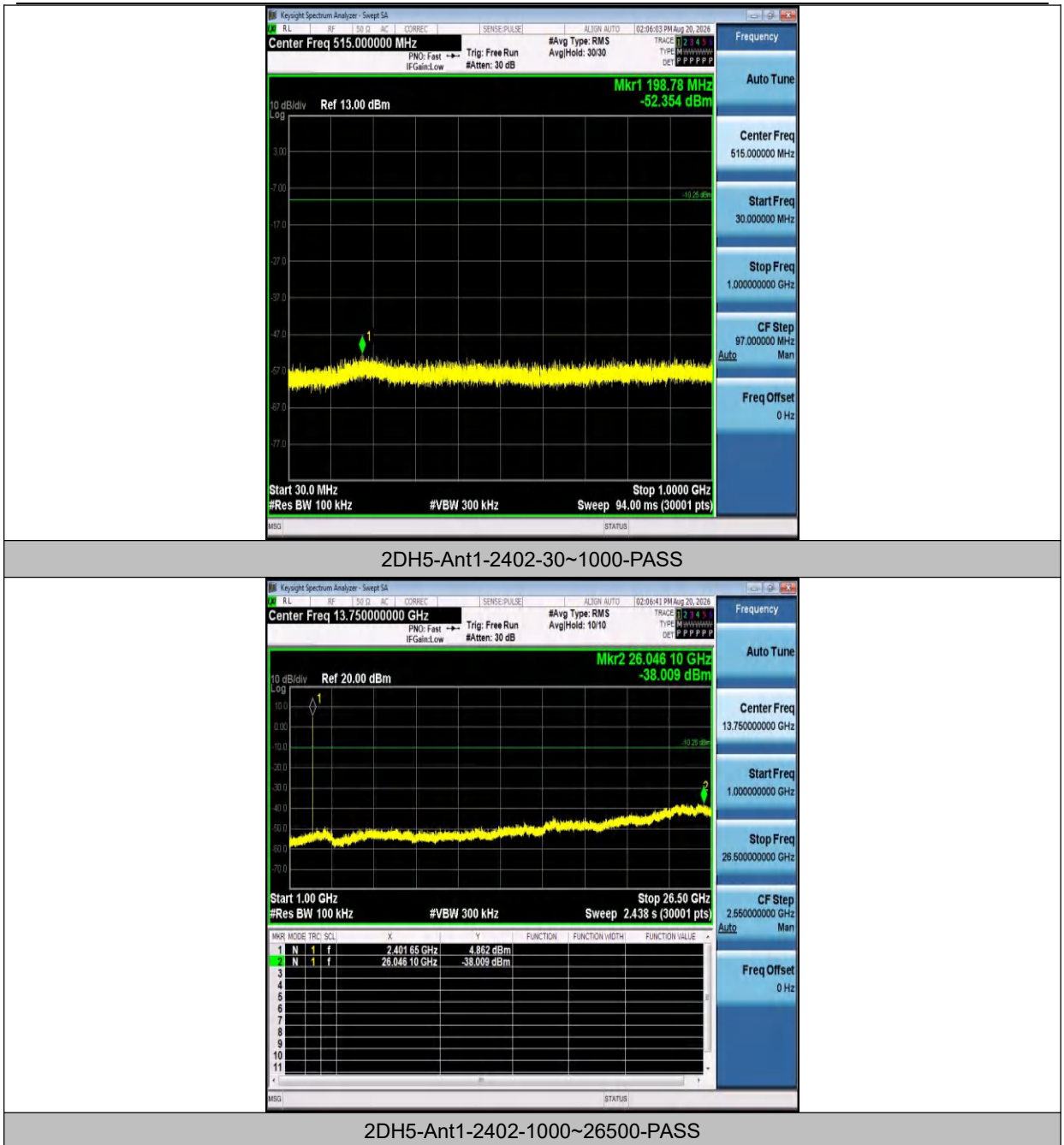
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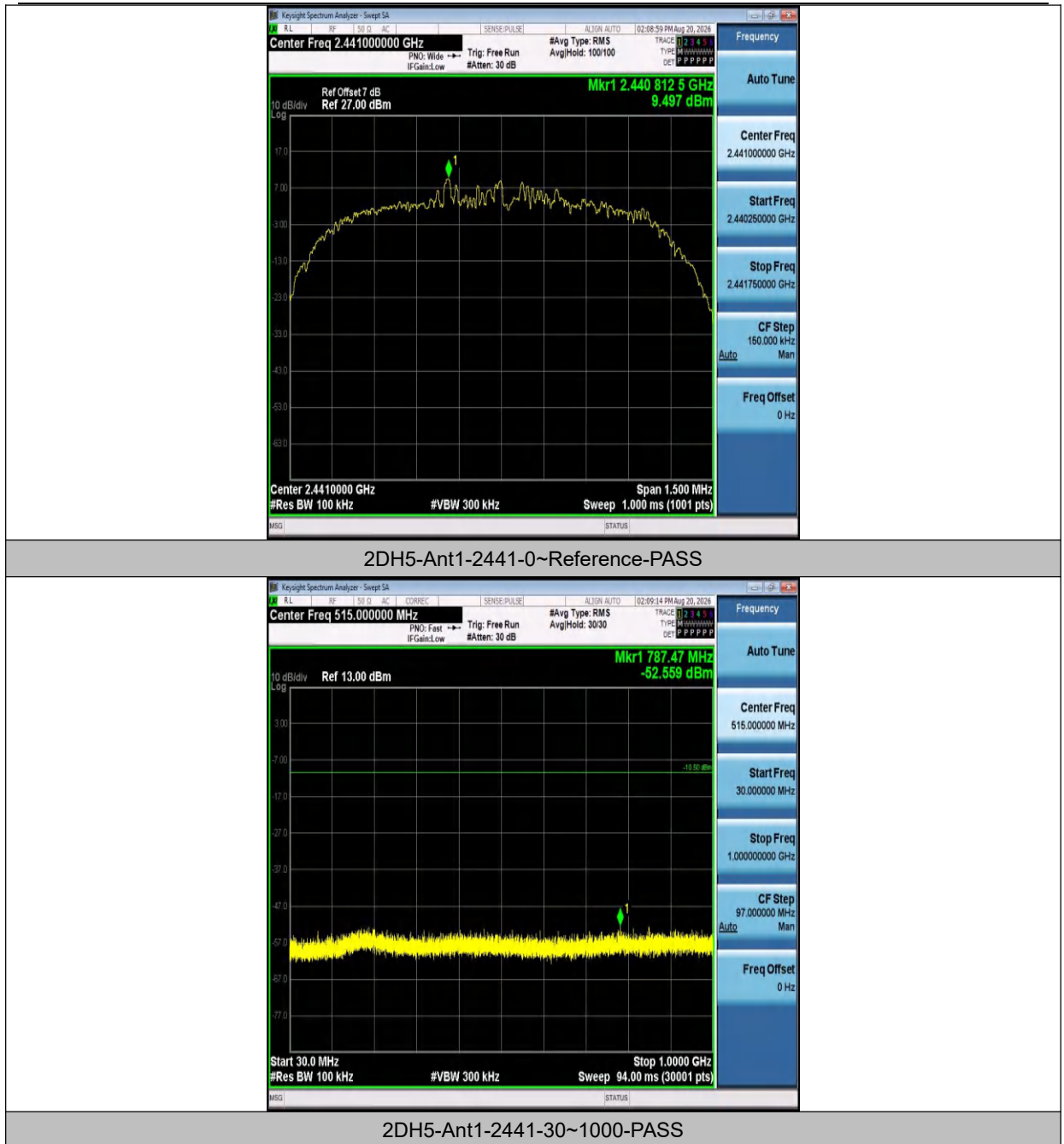
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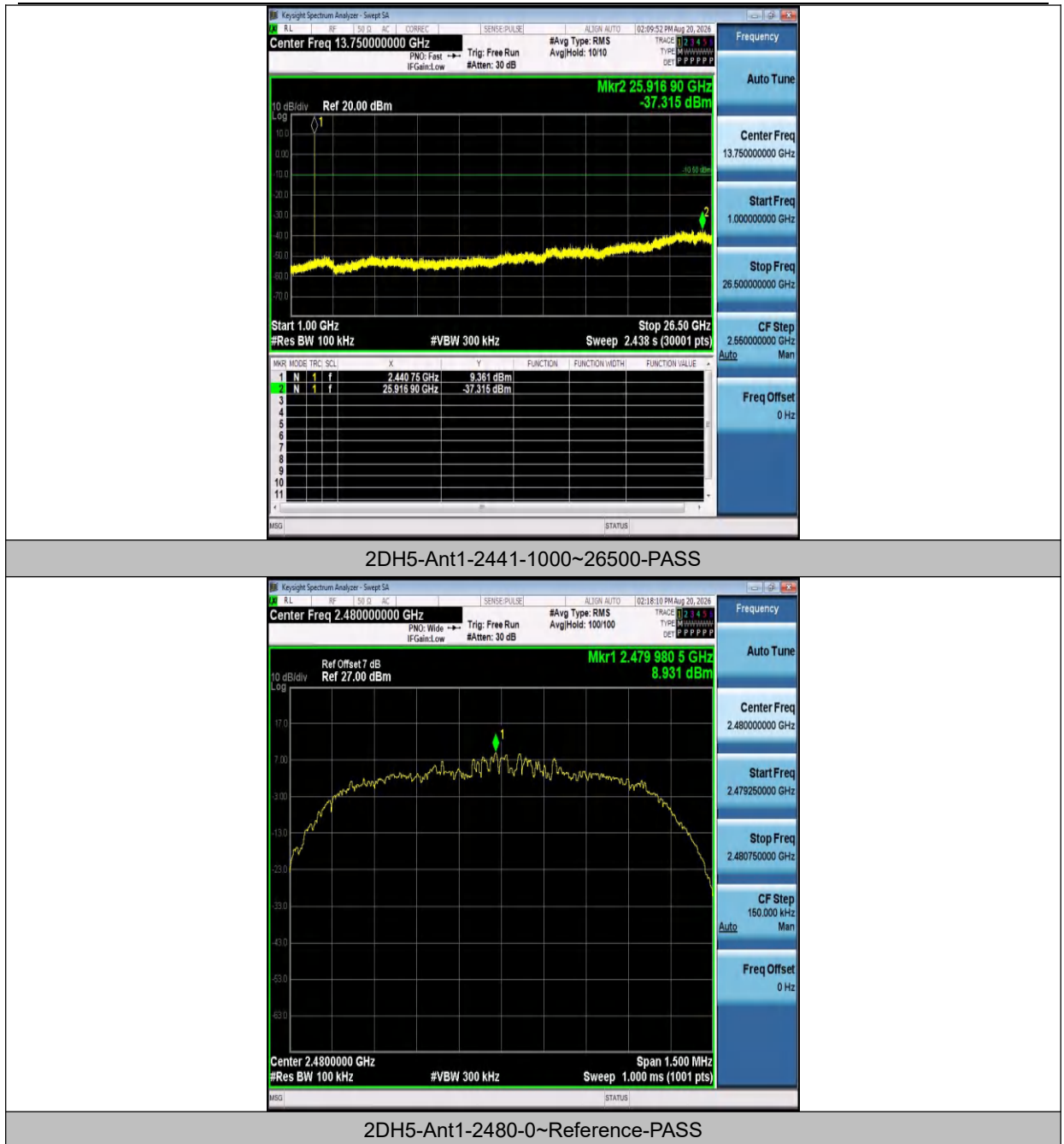
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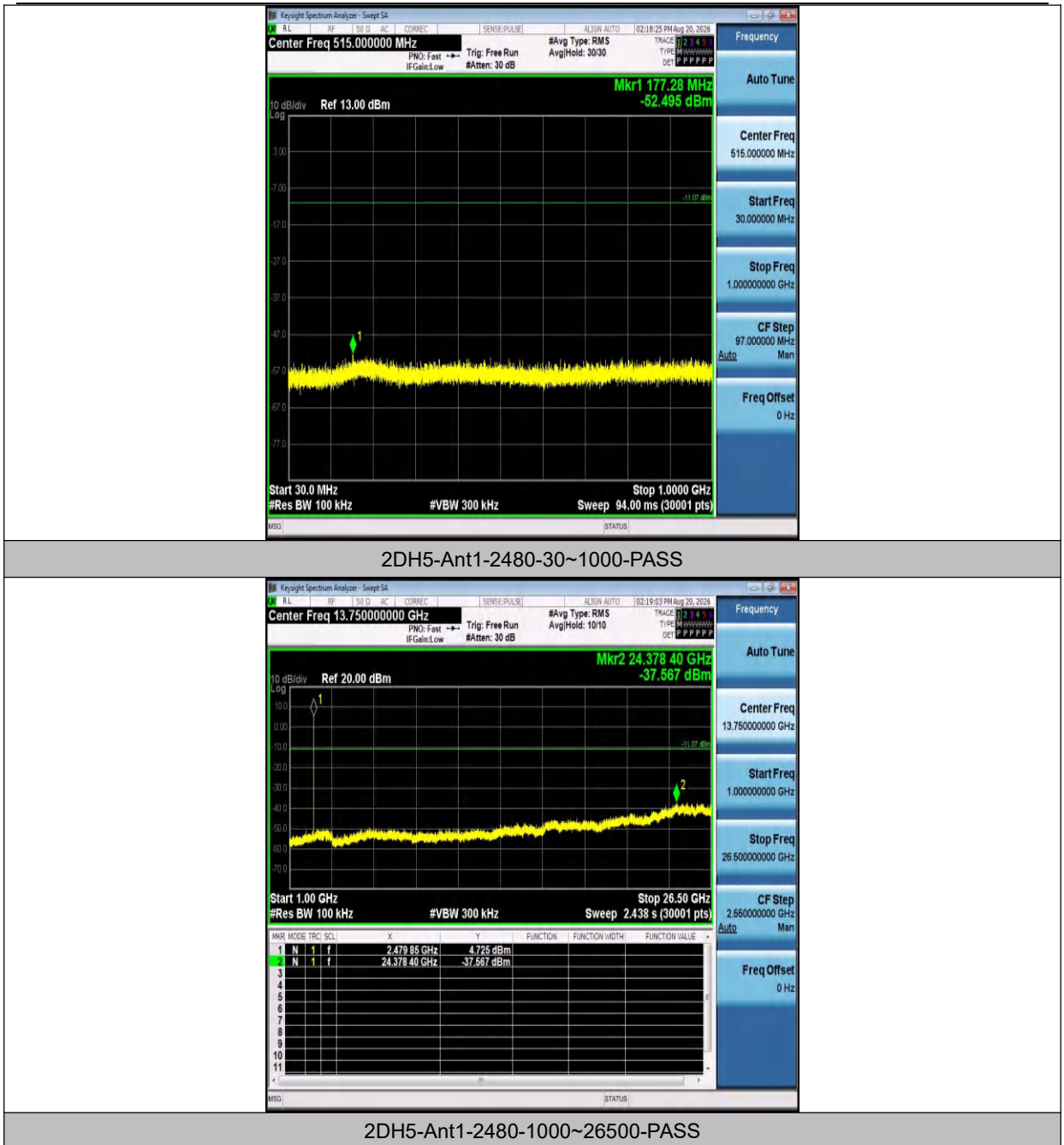
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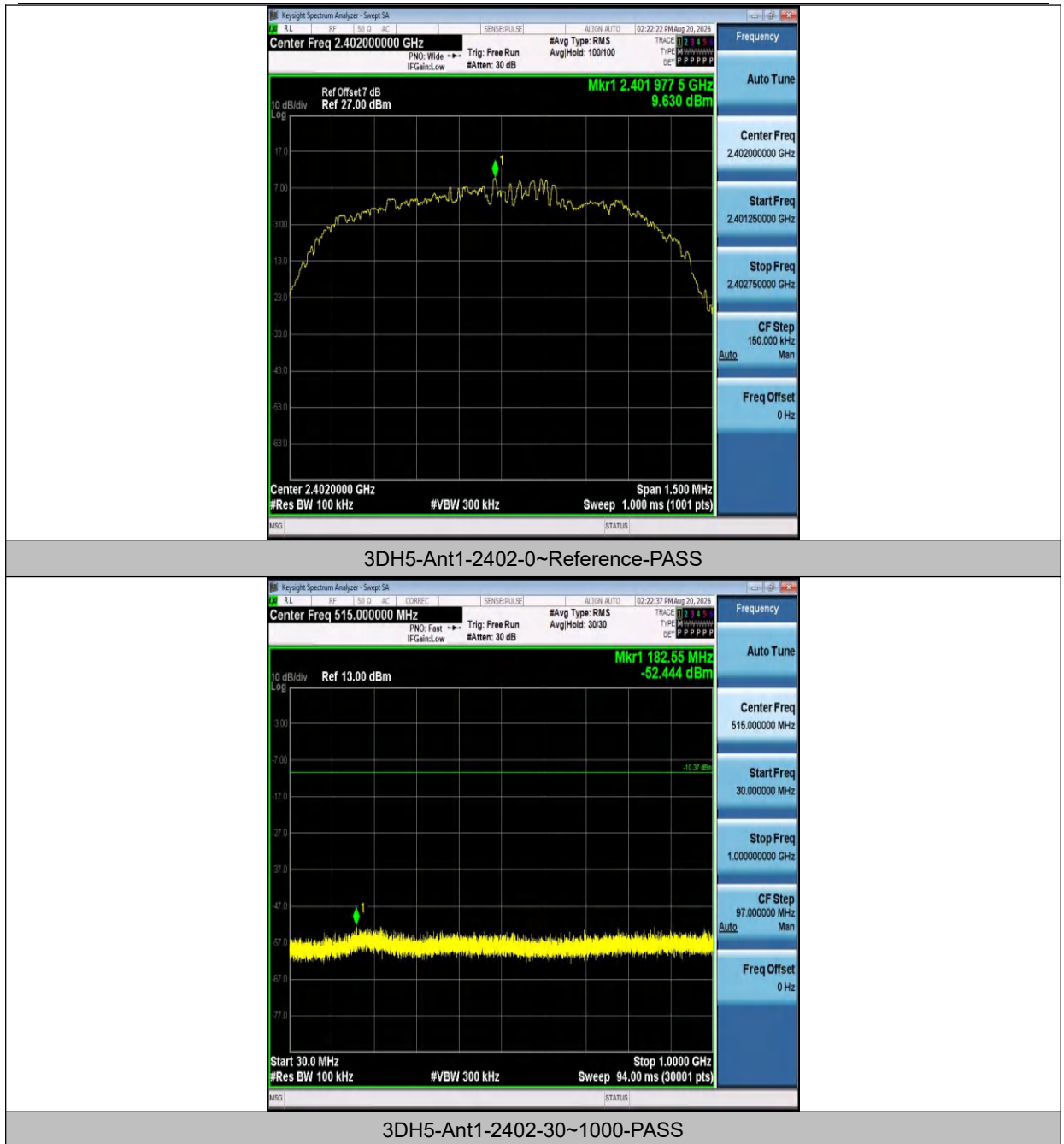
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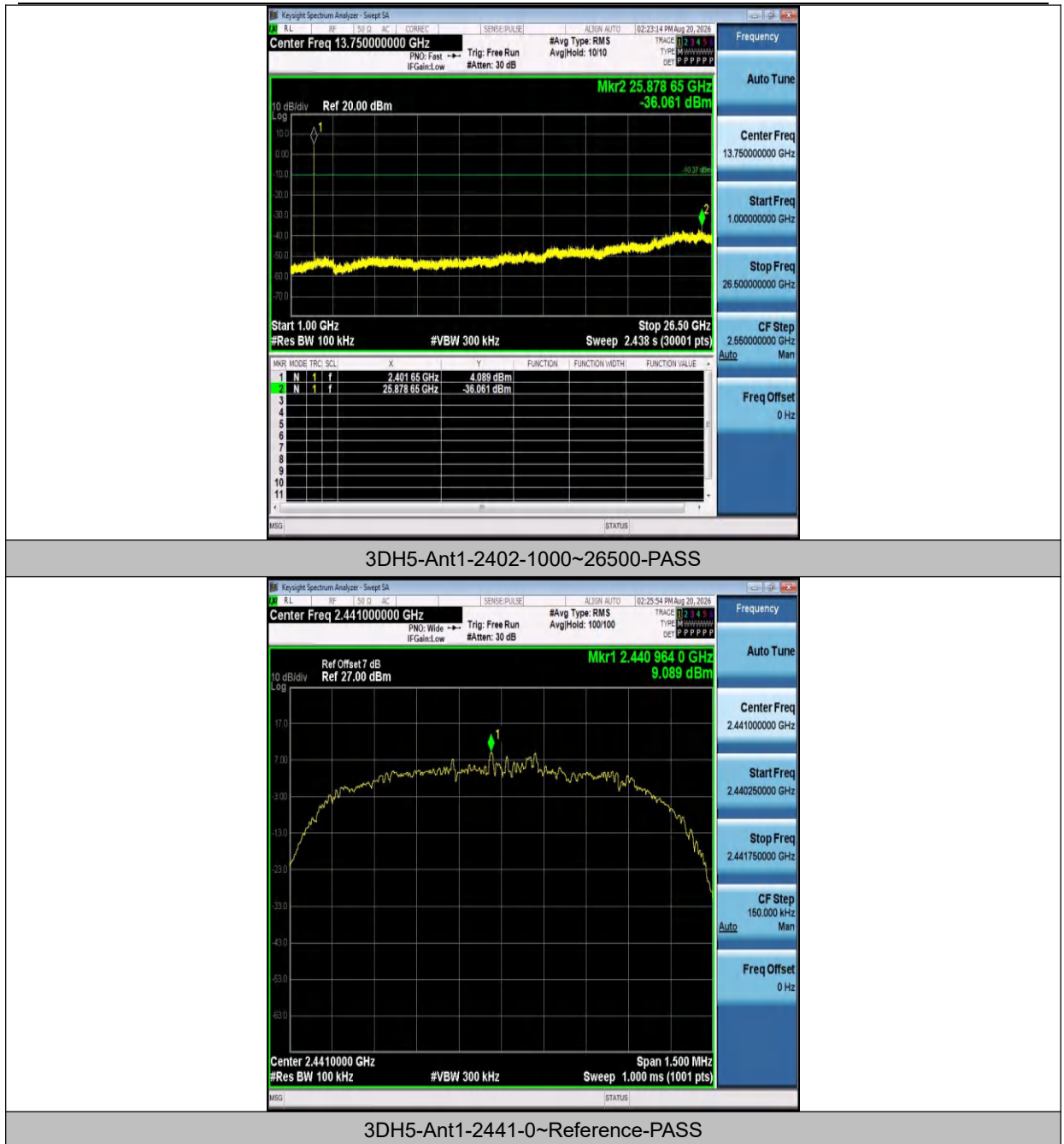
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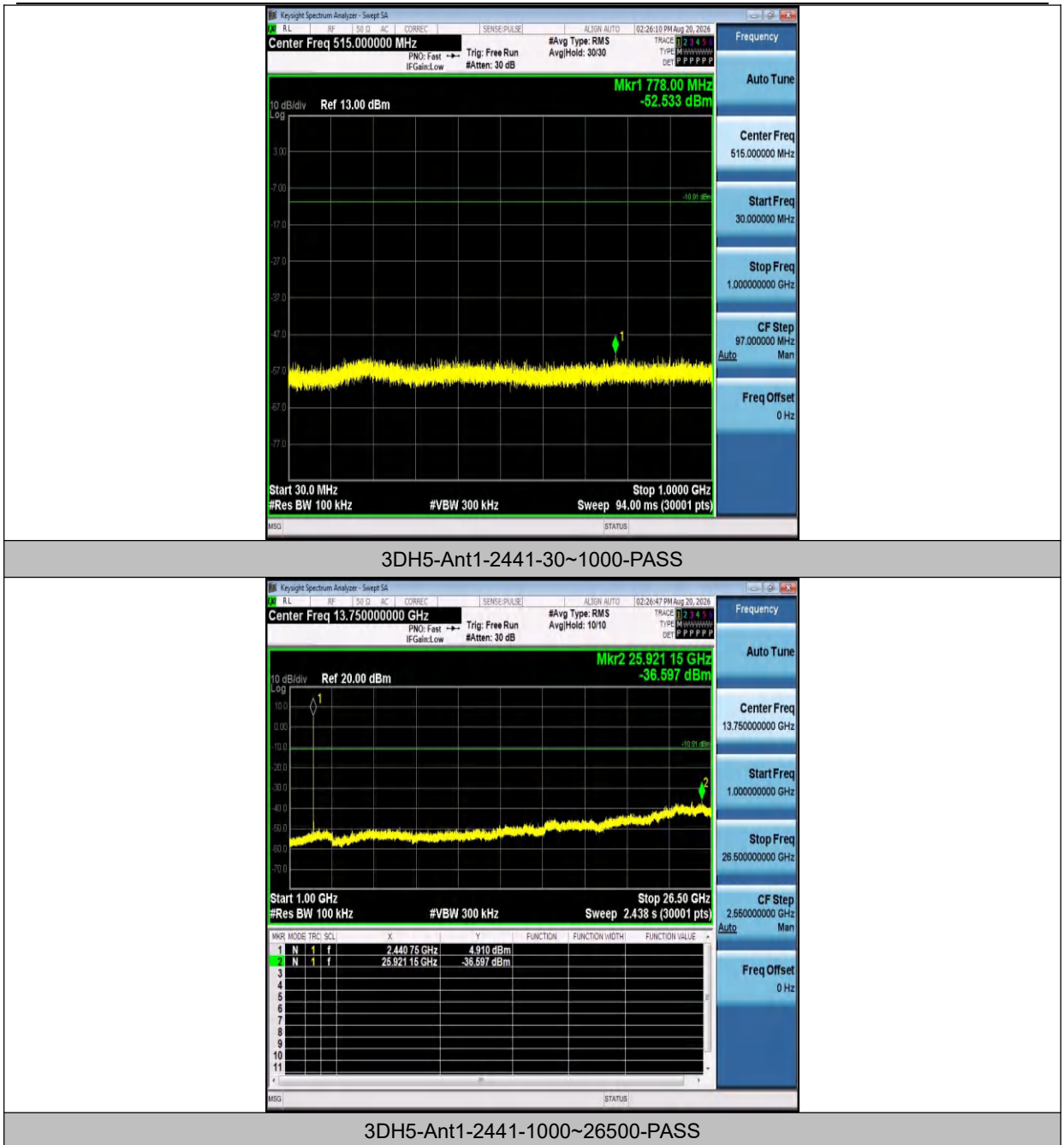
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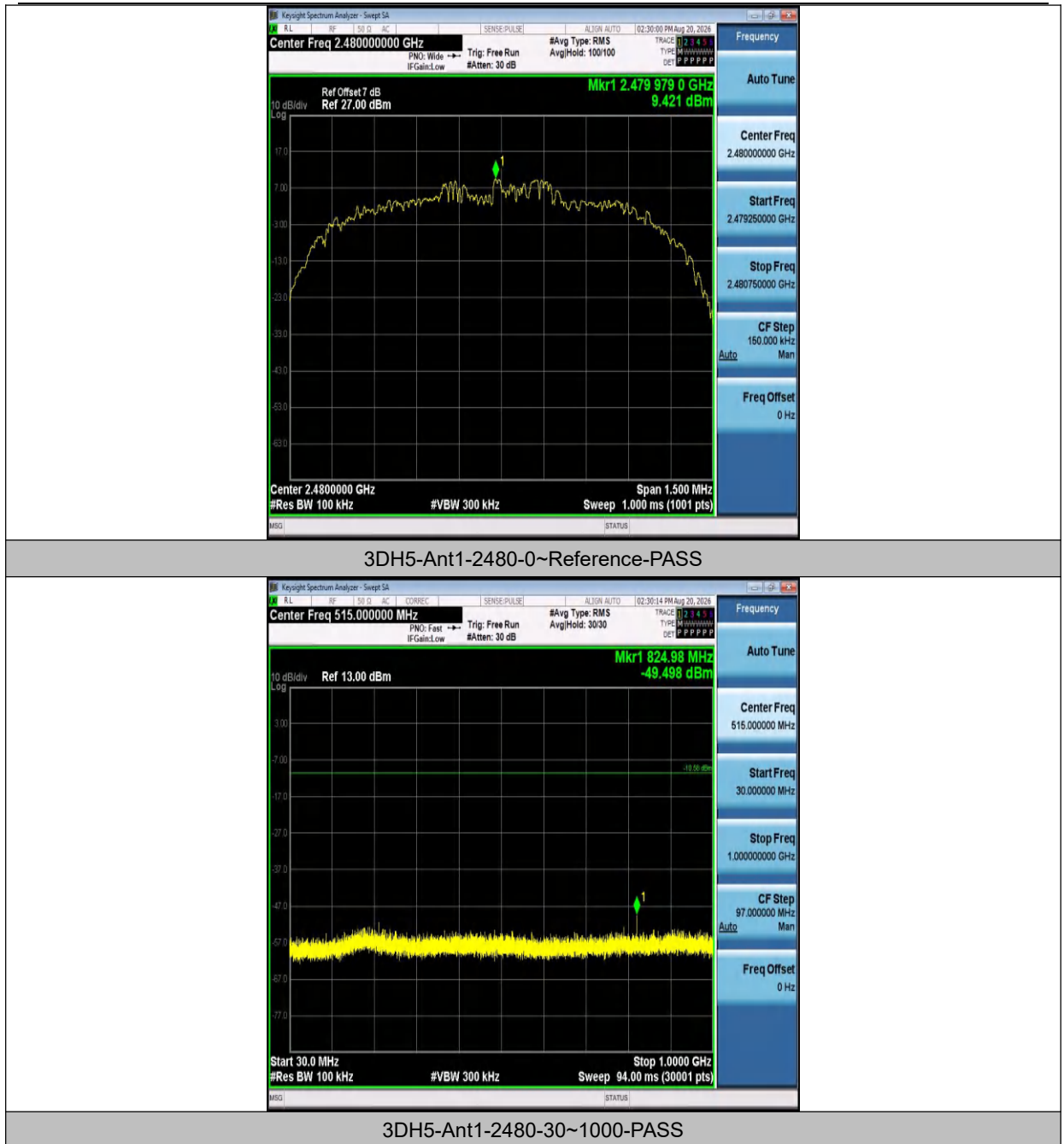
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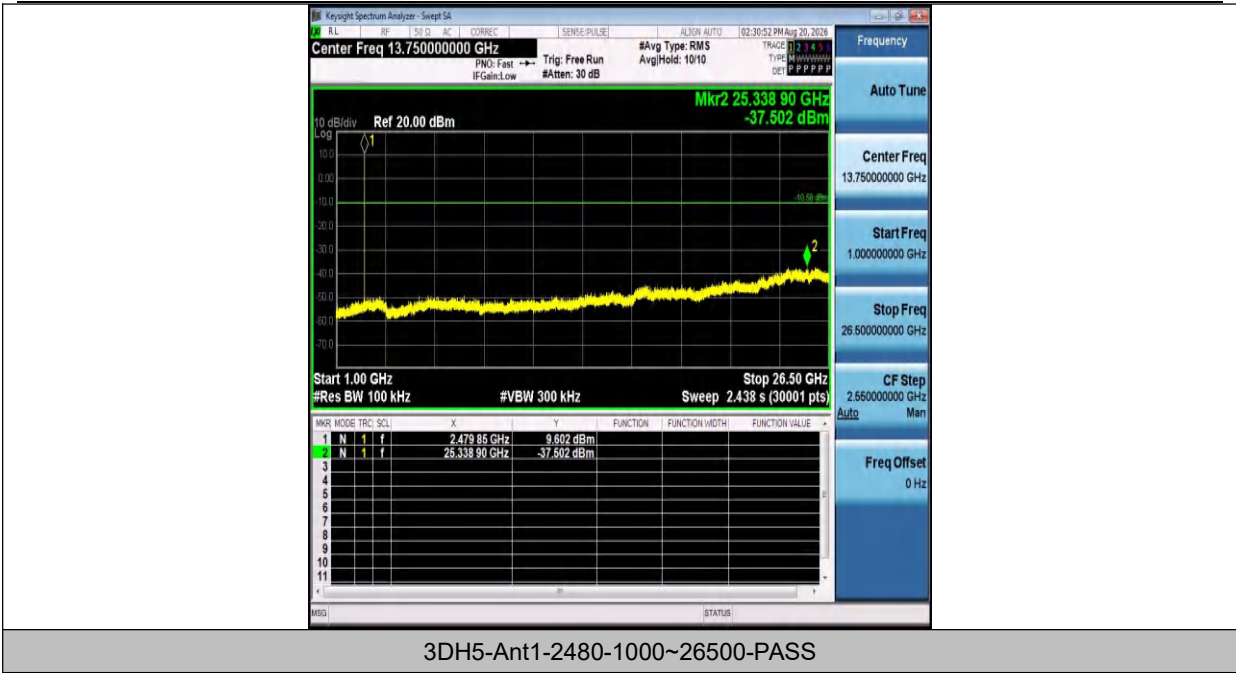
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.90	5.00	58.00	2.37
DH5	Ant1	2441	2.90	5.00	58.00	2.37
DH5	Ant1	2480	2.88	5.00	57.60	2.40
2DH5	Ant1	2402	2.87	5.00	57.40	2.41
2DH5	Ant1	2441	2.88	5.00	57.60	2.40
2DH5	Ant1	2480	2.87	5.00	57.40	2.41
3DH5	Ant1	2402	2.88	5.00	57.60	2.40
3DH5	Ant1	2441	2.87	5.00	57.40	2.41
3DH5	Ant1	2480	2.87	5.00	57.40	2.41

Test Graphs



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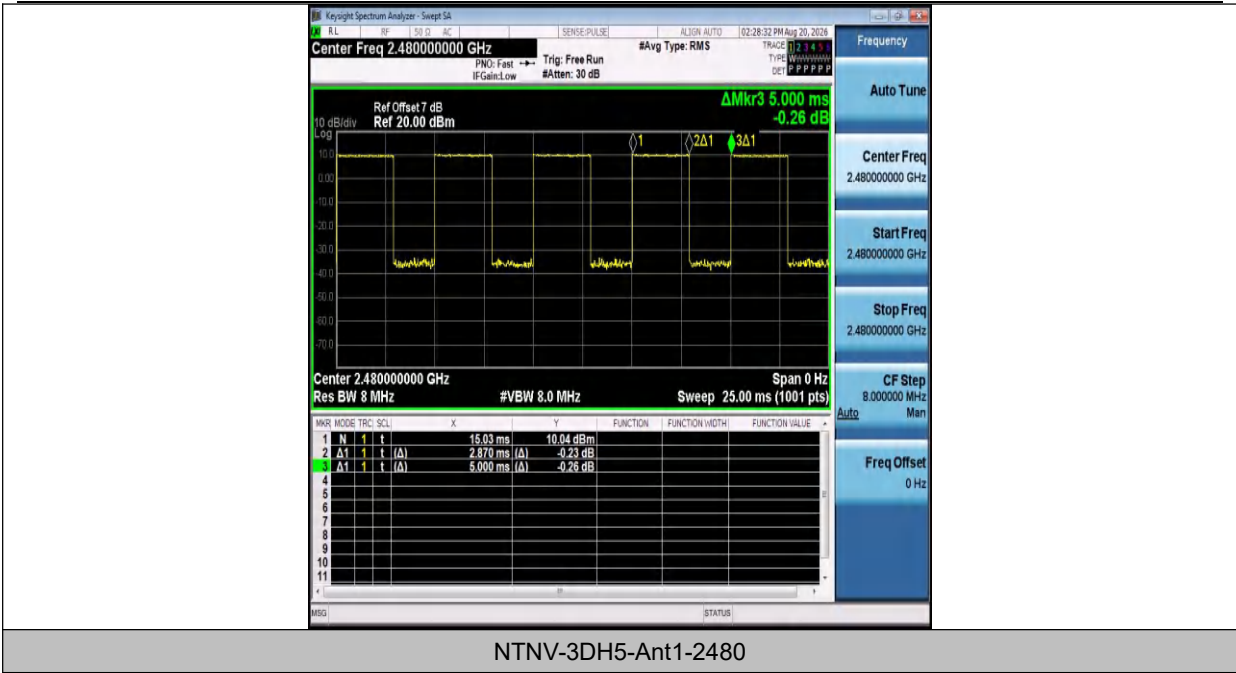


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