

Appendix Test Data

Report No.:	1812C60265612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-14	Finish Test Date:	2026-6-26
Test Engineer:	Huise Guan	Auditor:	Justin Feng
Temperature:	26.2°C	Relative Humidity:	47%
Pressure:	101kPa		

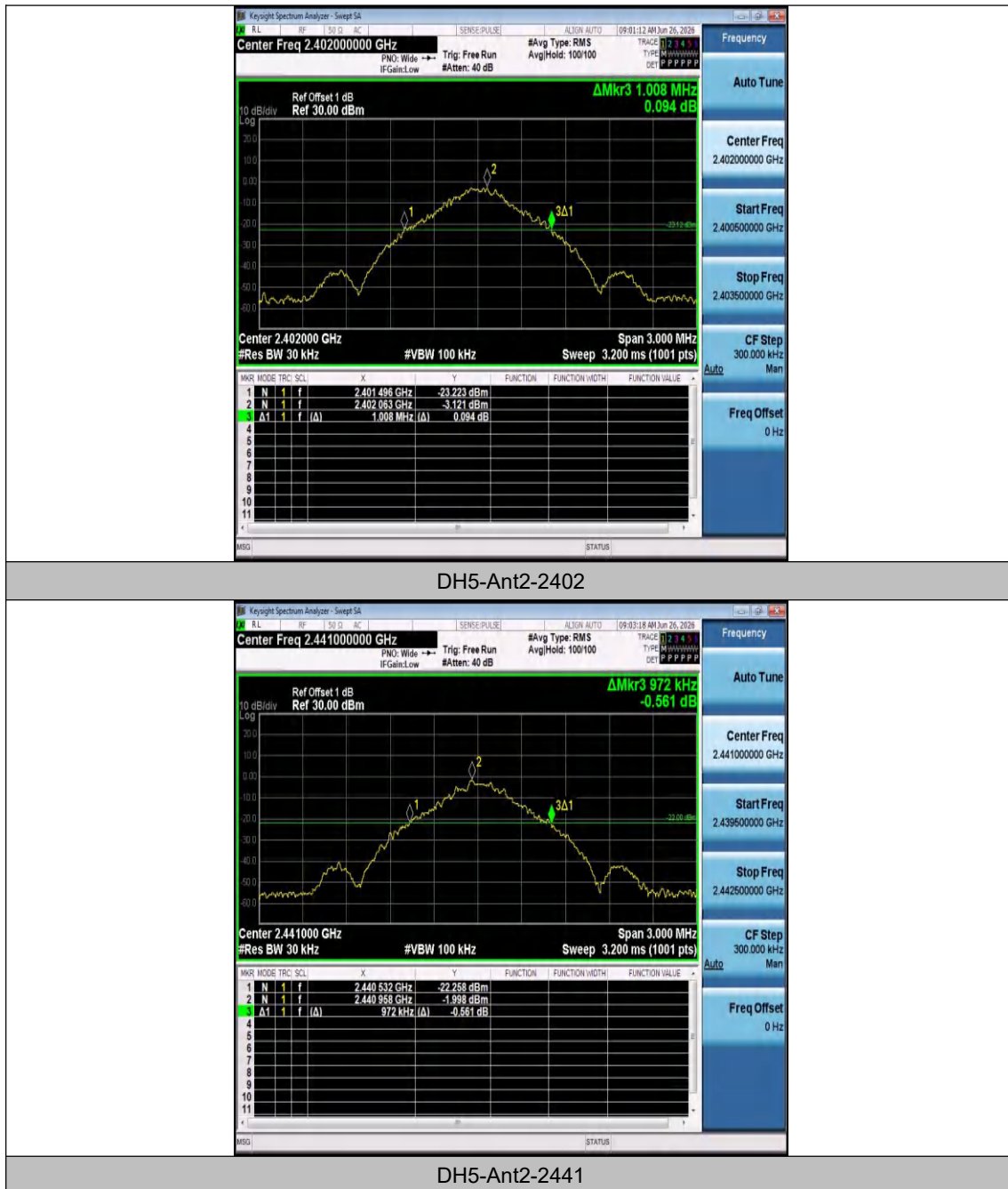


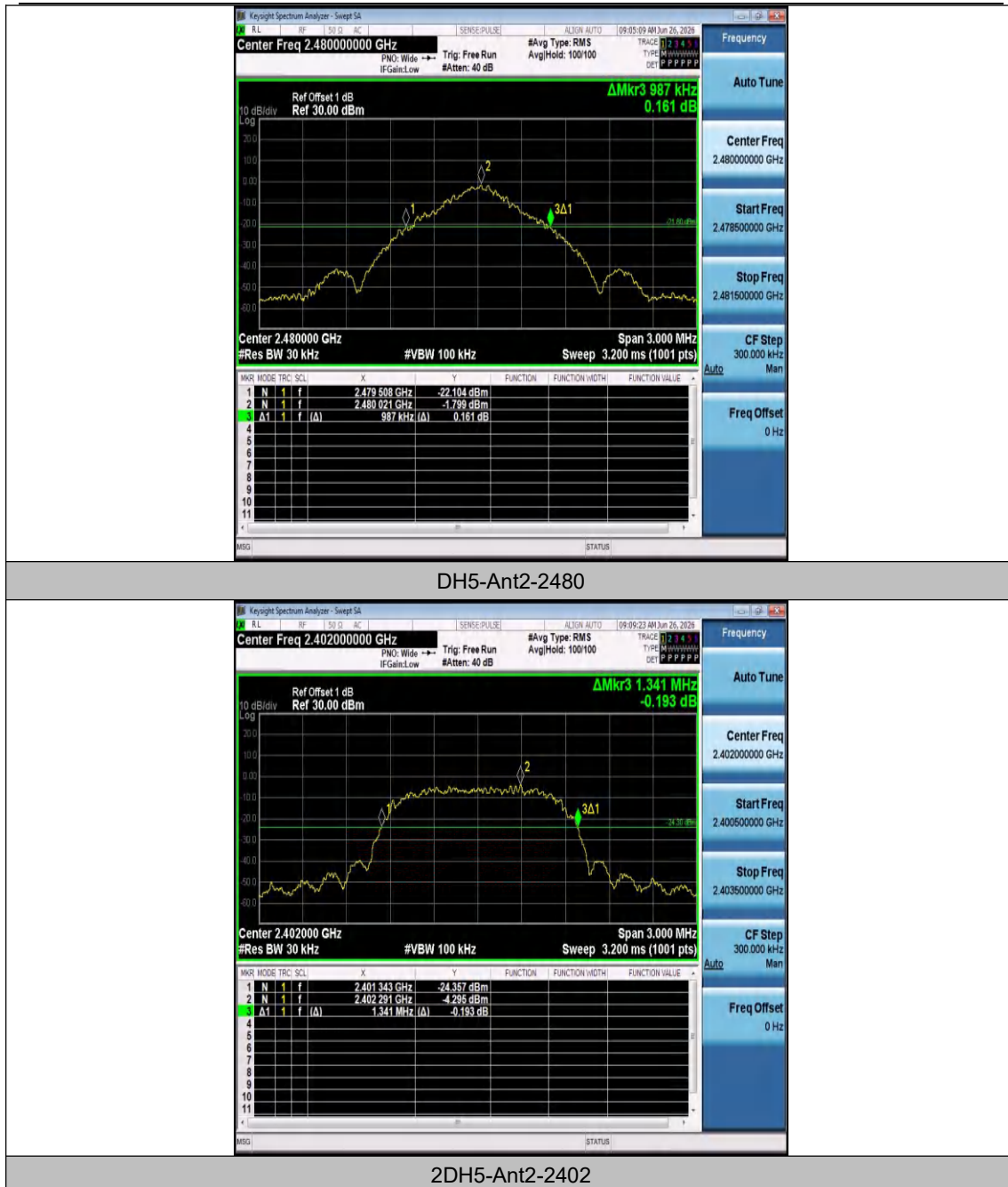
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant2	2402	1.008	2401.496	2402.504	---	---
DH5	Ant2	2441	0.972	2440.532	2441.504	---	---
DH5	Ant2	2480	0.987	2479.508	2480.495	---	---
2DH5	Ant2	2402	1.341	2401.343	2402.684	---	---
2DH5	Ant2	2441	1.347	2440.334	2441.681	---	---
2DH5	Ant2	2480	1.359	2479.319	2480.678	---	---
3DH5	Ant2	2402	1.353	2401.313	2402.666	---	---
3DH5	Ant2	2441	1.335	2440.337	2441.672	---	---
3DH5	Ant2	2480	1.365	2479.316	2480.681	---	---

Test Graphs





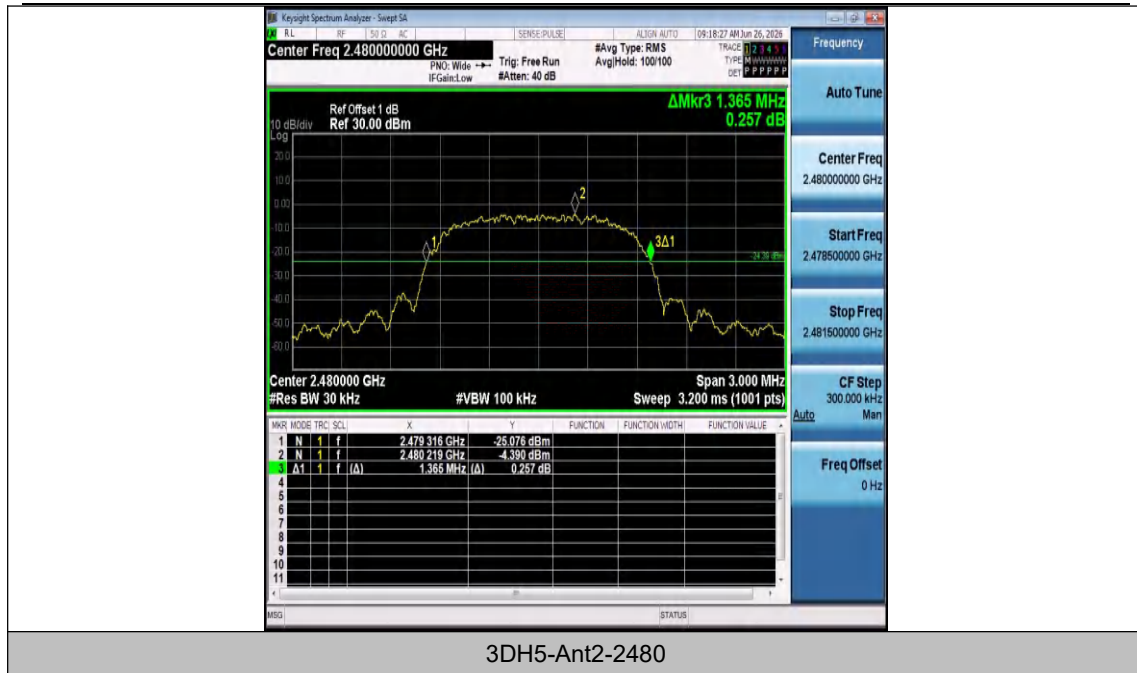
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant2	2402	0.90085	2401.5529	2402.4538	---	---
DH5	Ant2	2441	0.91179	2440.5479	2441.4597	---	---
DH5	Ant2	2480	0.88830	2479.5559	2480.4442	---	---
2DH5	Ant2	2402	1.1963	2401.4065	2402.6028	---	---
2DH5	Ant2	2441	1.2022	2440.3995	2441.6017	---	---
2DH5	Ant2	2480	1.2128	2479.4042	2480.6170	---	---
3DH5	Ant2	2402	1.1946	2401.4052	2402.5998	---	---
3DH5	Ant2	2441	1.1837	2440.4114	2441.5951	---	---
3DH5	Ant2	2480	1.1980	2479.4021	2480.6001	---	---

Test Graphs





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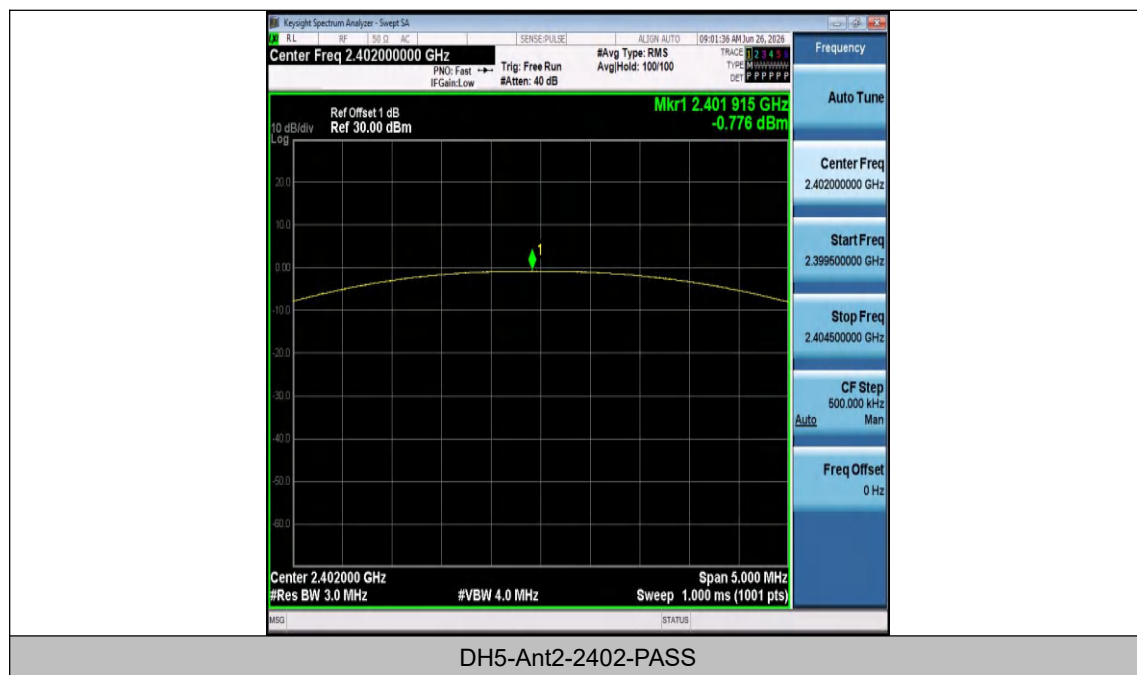
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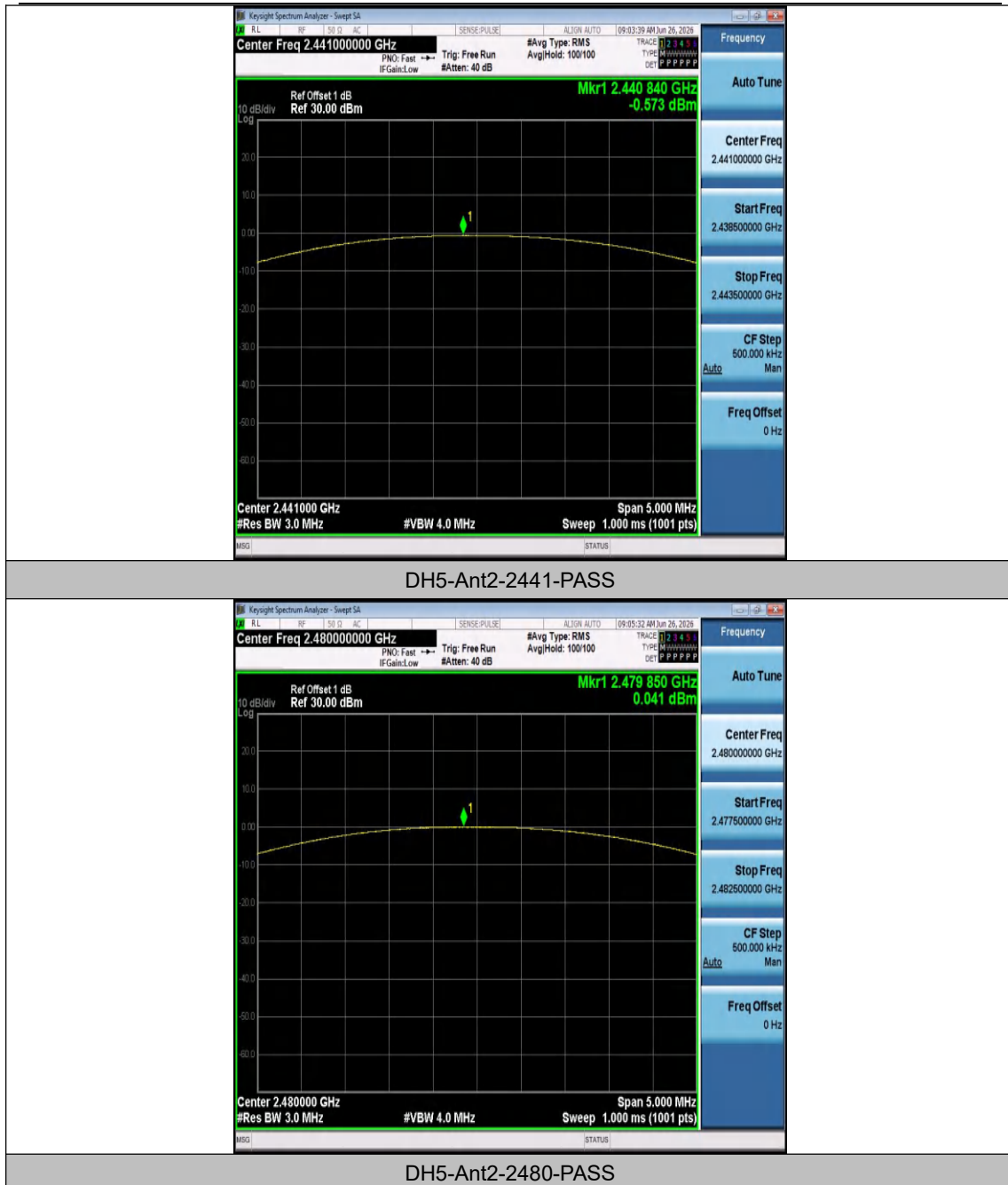
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant2	2402	-0.78	≤20.97	PASS
DH5	Ant2	2441	-0.57	≤20.97	PASS
DH5	Ant2	2480	0.04	≤20.97	PASS
2DH5	Ant2	2402	3.29	≤20.97	PASS
2DH5	Ant2	2441	2.79	≤20.97	PASS
2DH5	Ant2	2480	3.43	≤20.97	PASS
3DH5	Ant2	2402	3.70	≤20.97	PASS
3DH5	Ant2	2441	4.26	≤20.97	PASS
3DH5	Ant2	2480	4.71	≤20.97	PASS

Test Graphs

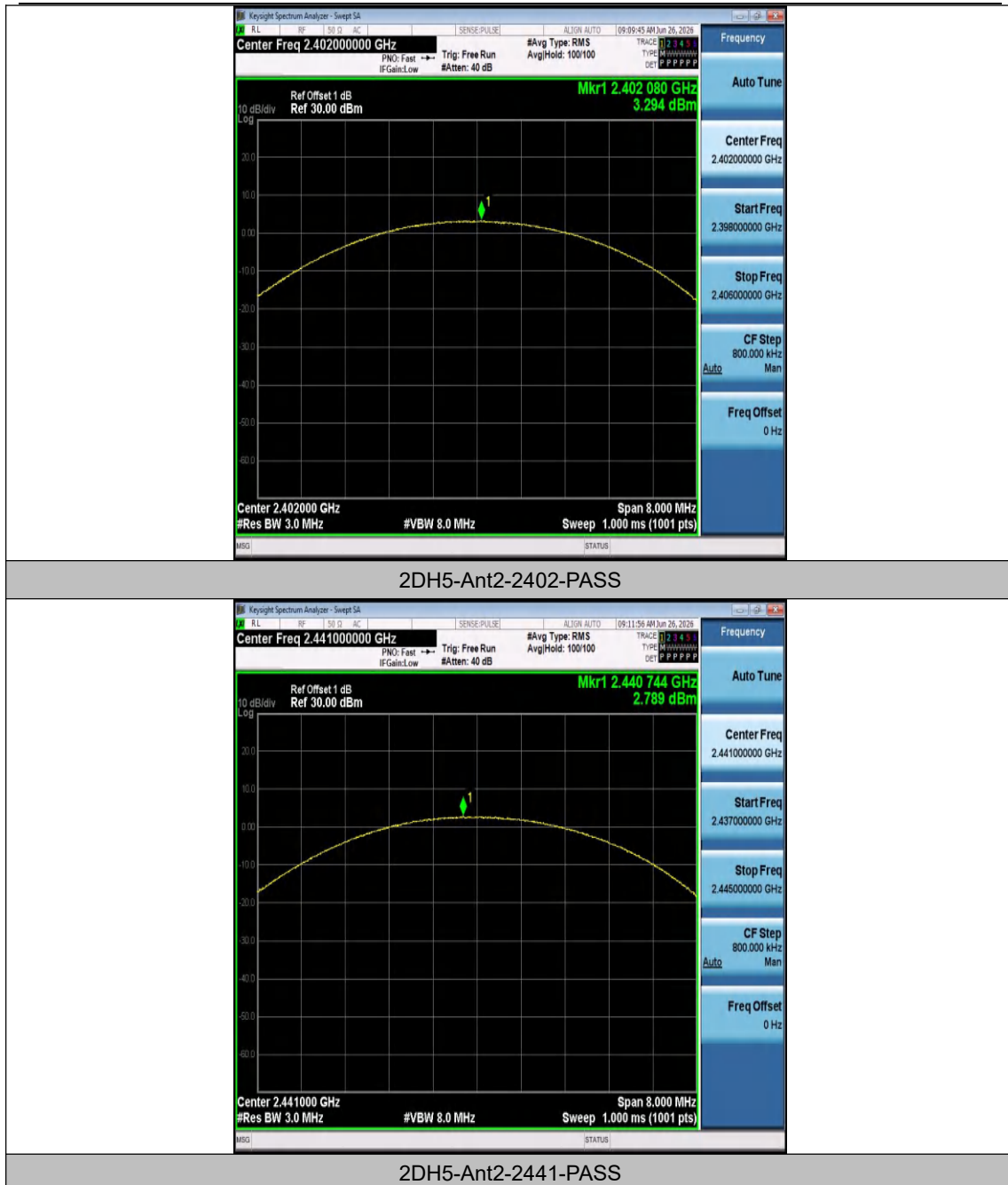




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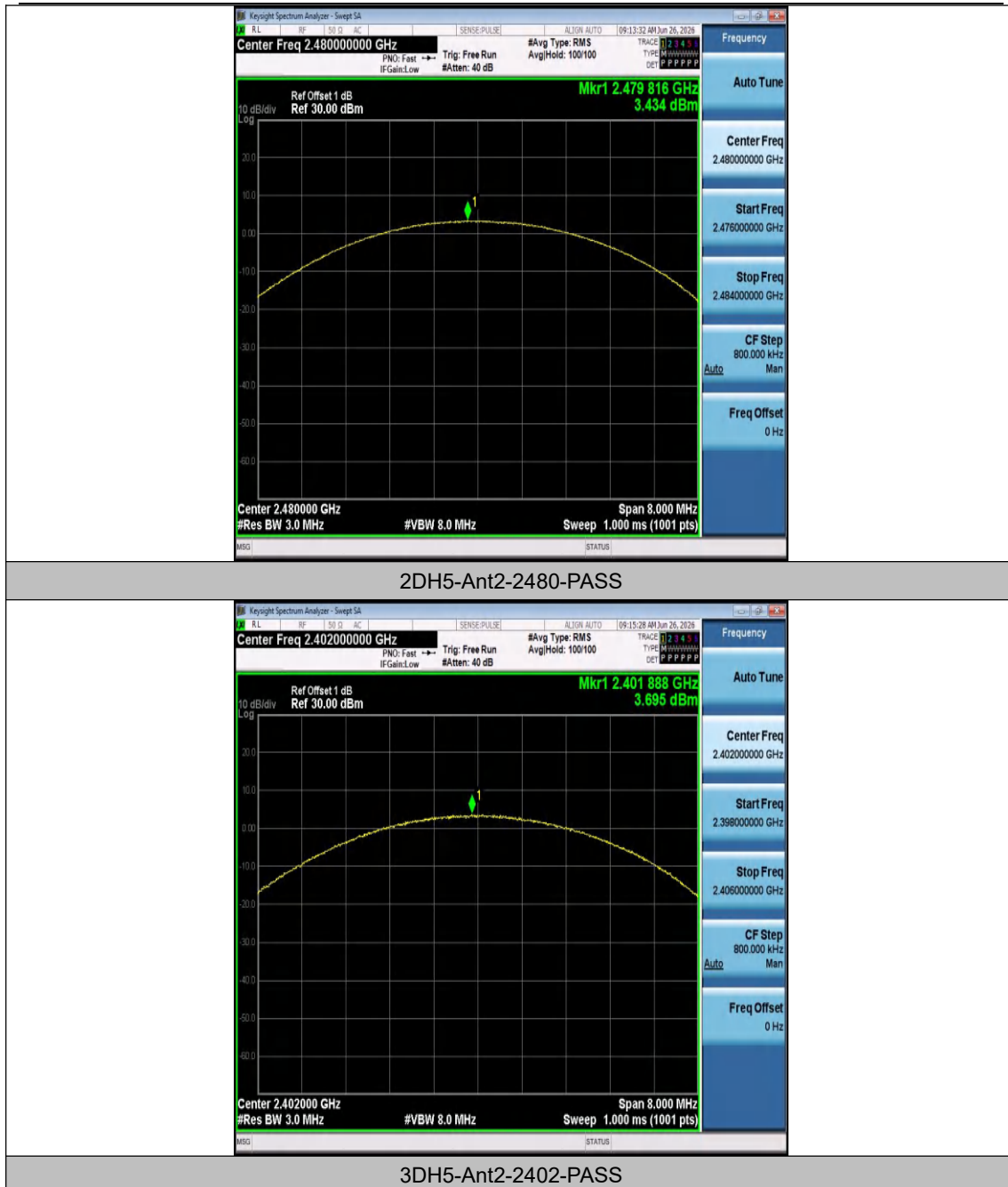
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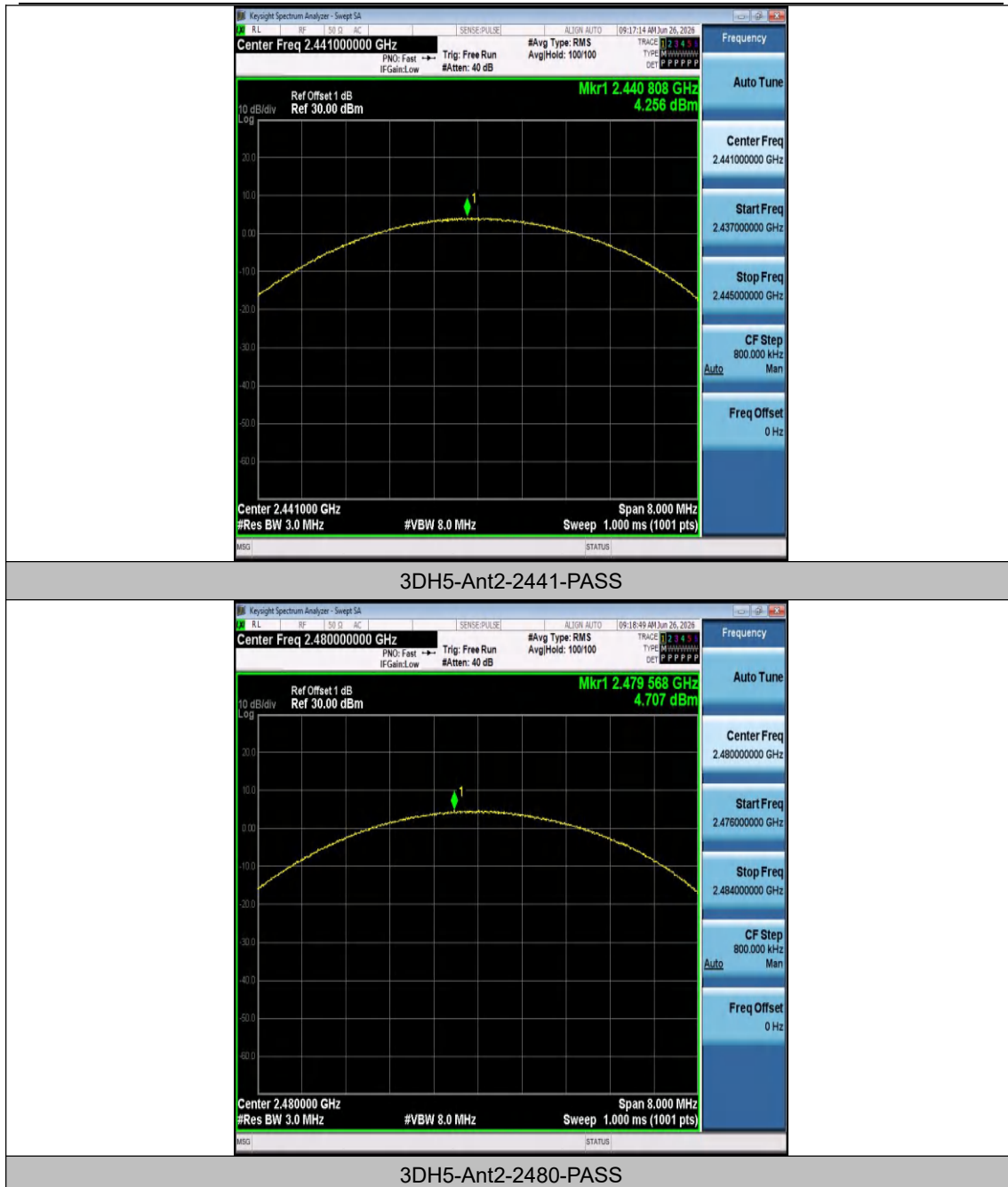
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Appendix D: Carrier frequency separation

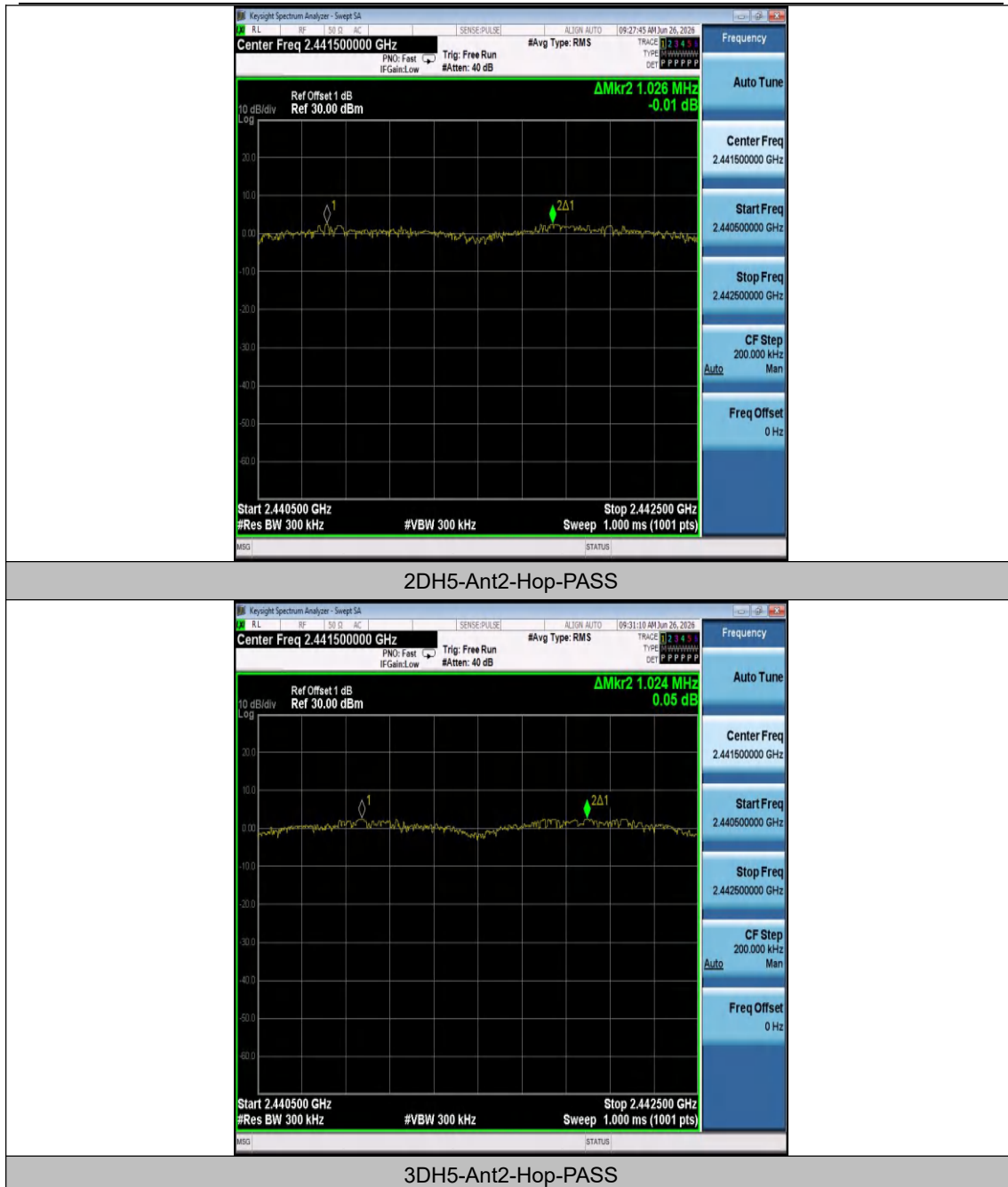
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant2	Hop	1.000	≥0.672	PASS
2DH5	Ant2	Hop	1.026	≥0.906	PASS
3DH5	Ant2	Hop	1.024	≥0.910	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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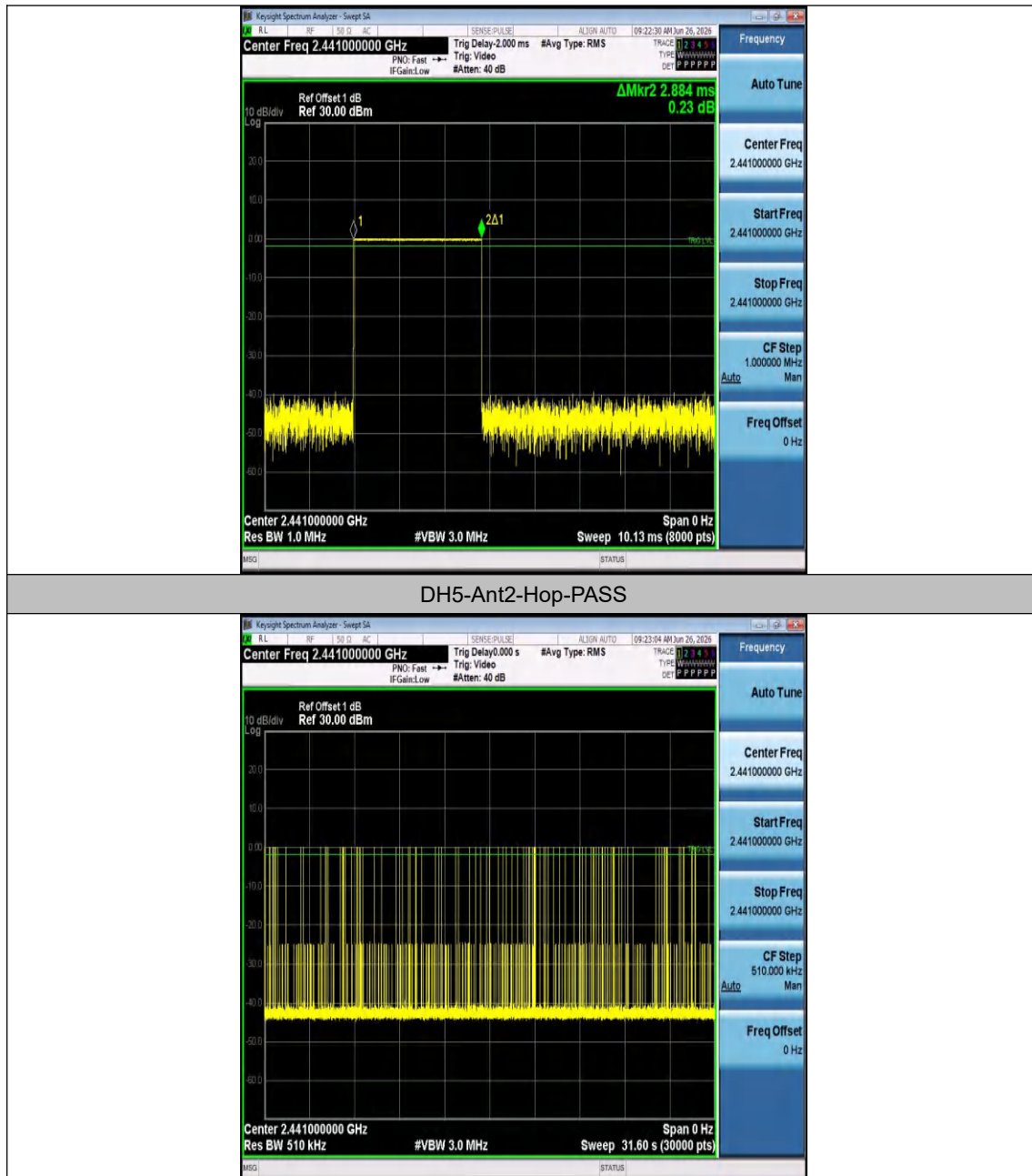
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant2	Hop	2.884	97	0.28	≤0.4	PASS
2DH5	Ant2	Hop	2.889	112	0.324	≤0.4	PASS
3DH5	Ant2	Hop	2.893	113	0.327	≤0.4	PASS

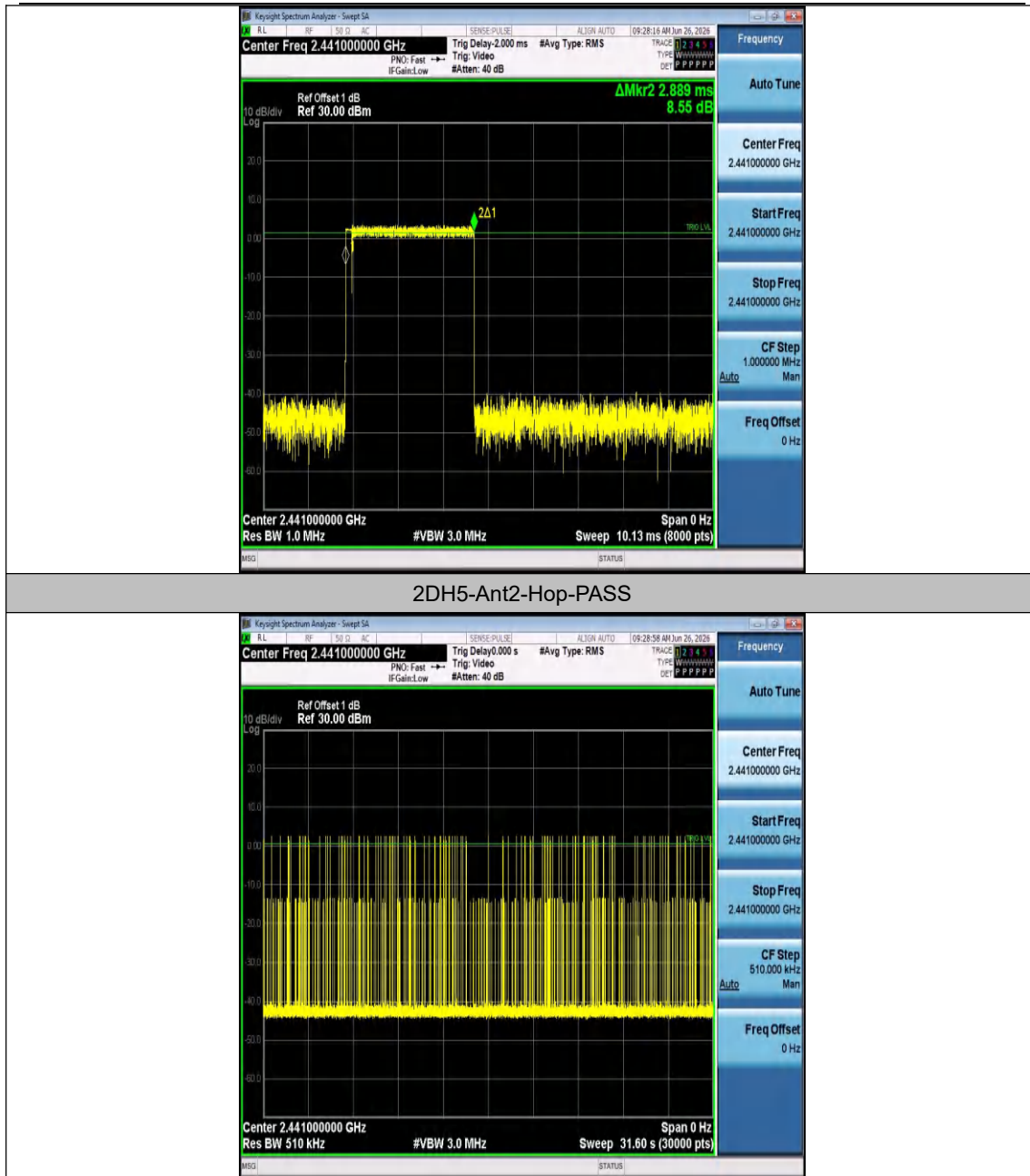
Test Graphs



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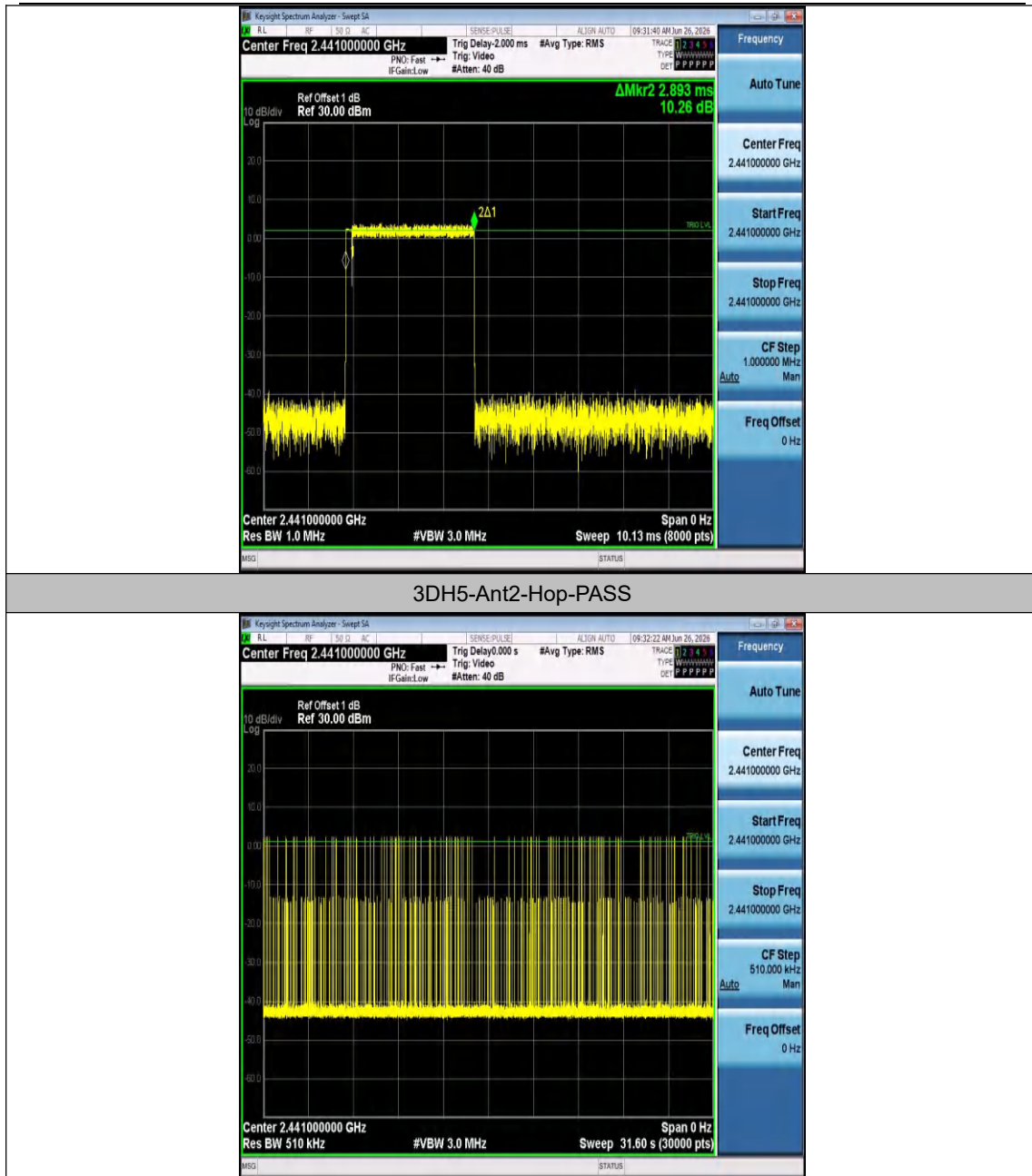
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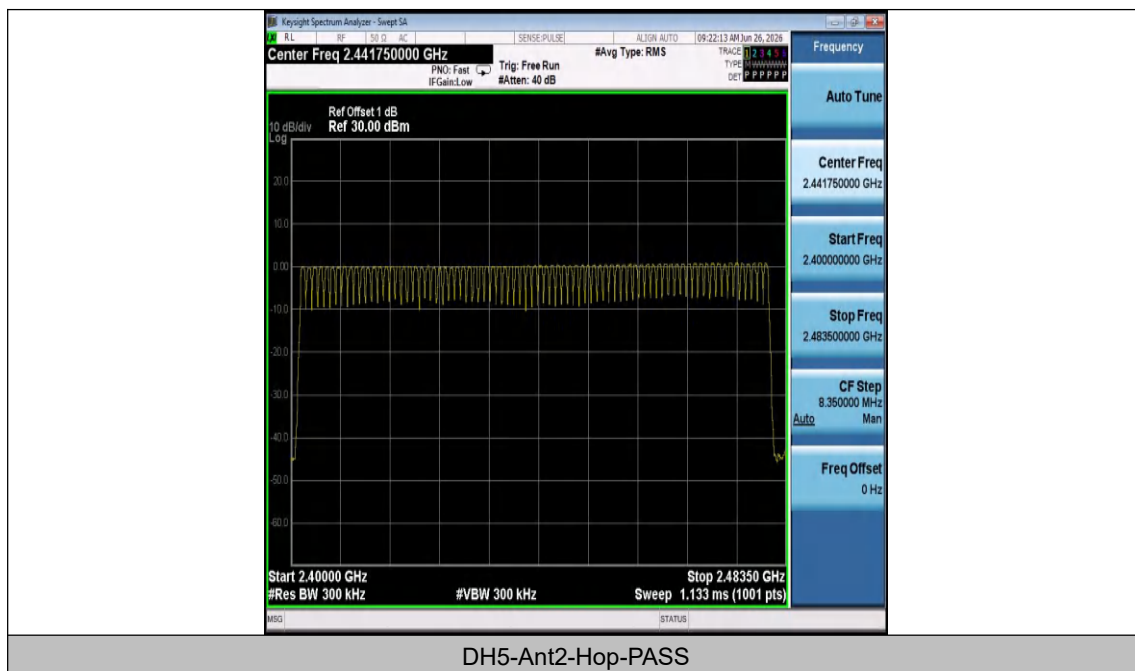
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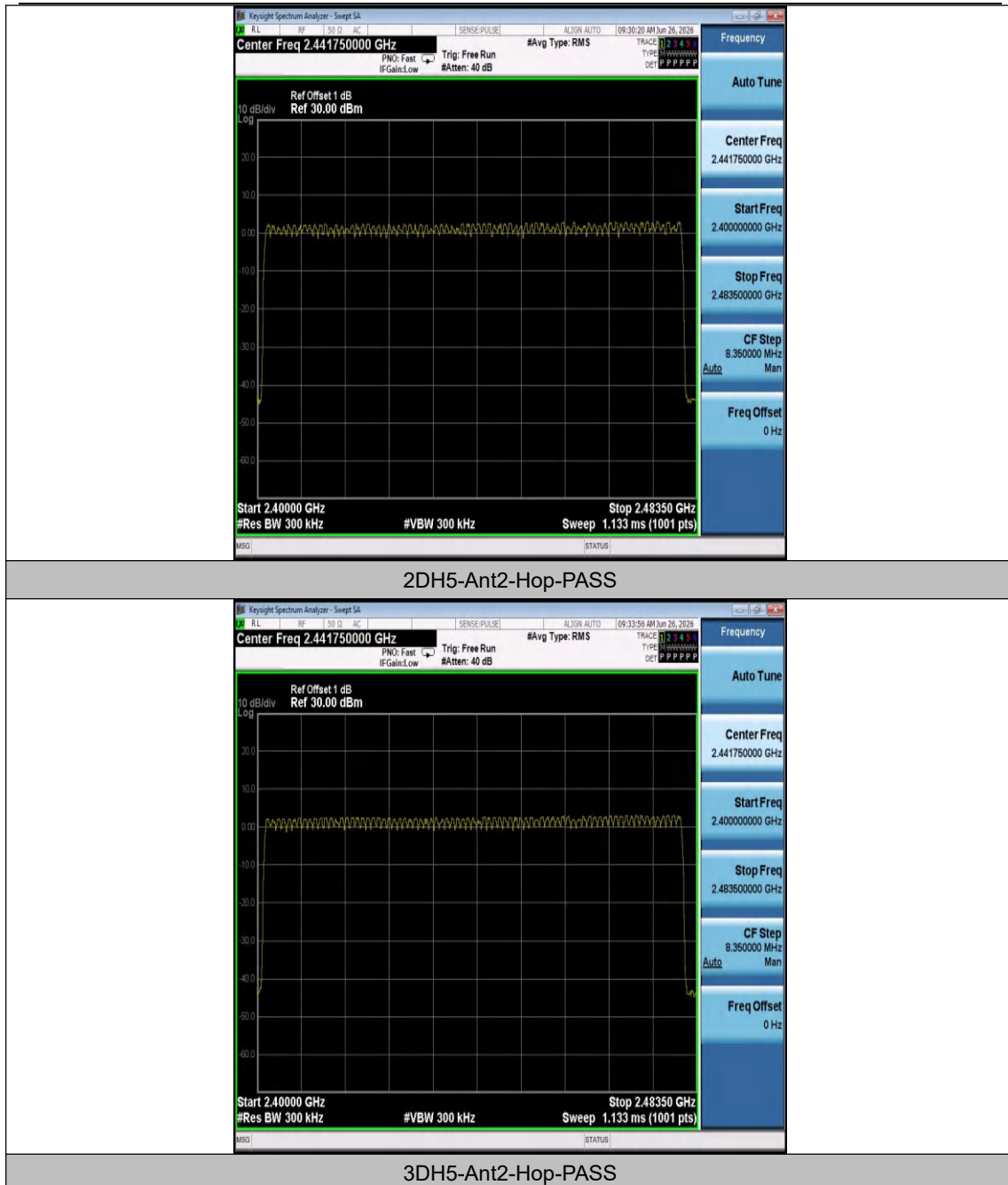
Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant2	Hop	79	≥15	PASS
2DH5	Ant2	Hop	79	≥15	PASS
3DH5	Ant2	Hop	79	≥15	PASS

Test Graphs





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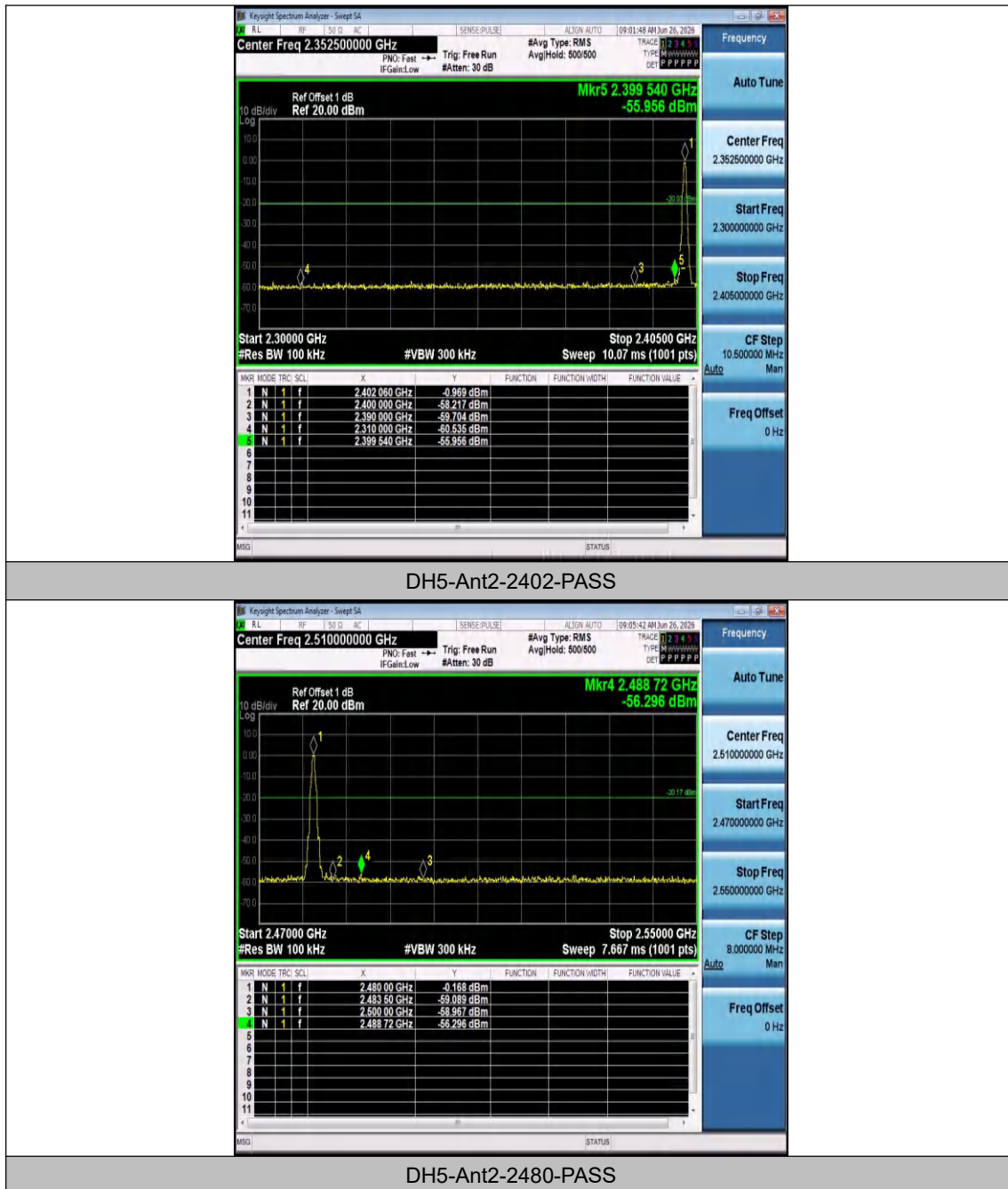
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant2	Low	2402	-0.97	-55.96	≤-20.97	PASS
DH5	Ant2	High	2480	-0.17	-56.3	≤-20.17	PASS
DH5	Ant2	Low	Hop_2402	-0.43	-56.66	≤-20.43	PASS
DH5	Ant2	High	Hop_2480	0.59	-56.16	≤-19.41	PASS
2DH5	Ant2	Low	2402	-0.67	-54.35	≤-20.67	PASS
2DH5	Ant2	High	2480	-0.06	-54.79	≤-20.06	PASS
2DH5	Ant2	Low	Hop_2402	-0.55	-56.96	≤-20.55	PASS
2DH5	Ant2	High	Hop_2480	1.89	-56.28	≤-18.11	PASS
3DH5	Ant2	Low	2402	-0.88	-55.32	≤-20.88	PASS
3DH5	Ant2	High	2480	0.58	-55.77	≤-19.42	PASS
3DH5	Ant2	Low	Hop_2402	1.81	-56.86	≤-18.19	PASS
3DH5	Ant2	High	Hop_2480	-0.15	-56.36	≤-20.15	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.

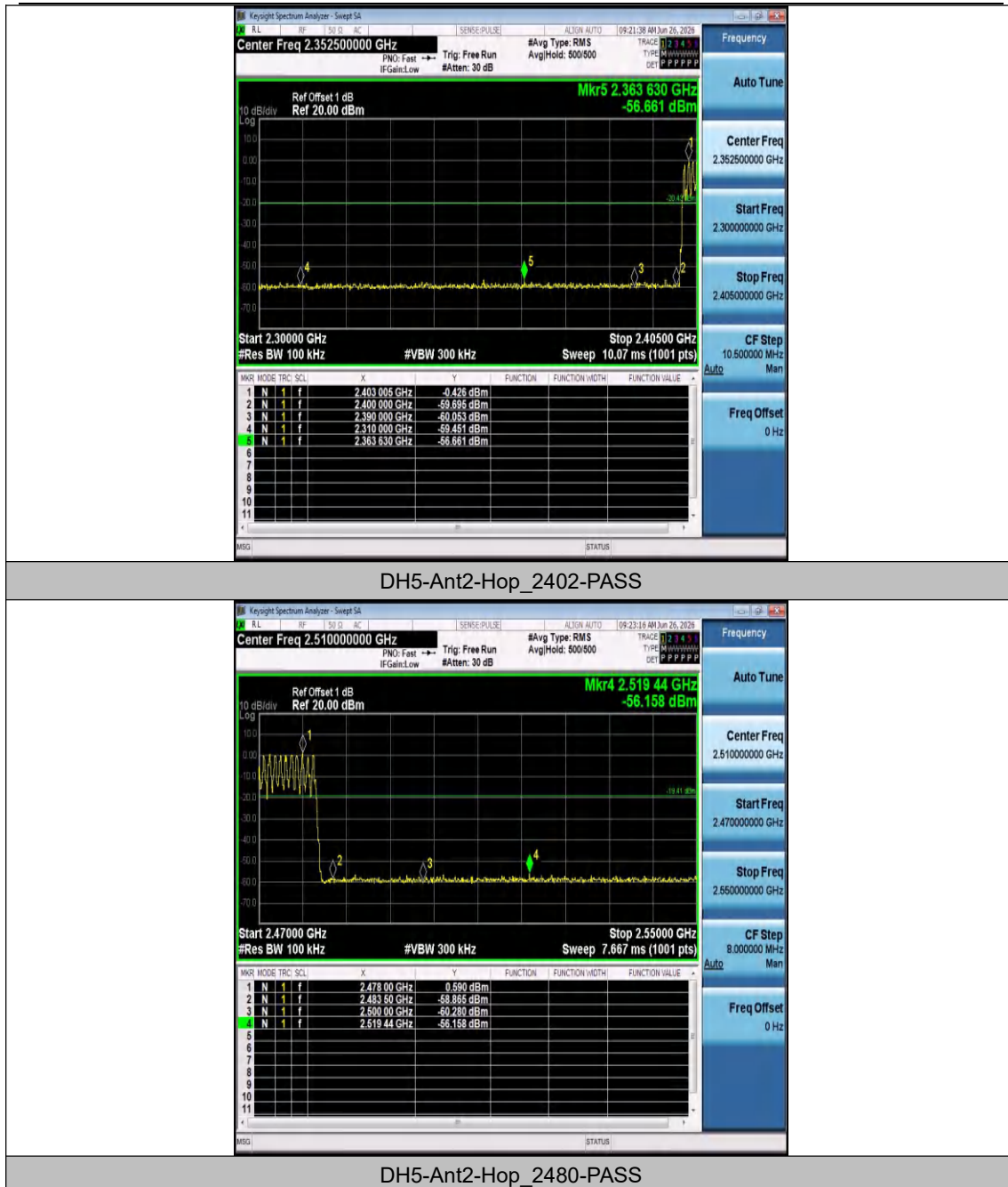
Test Graphs

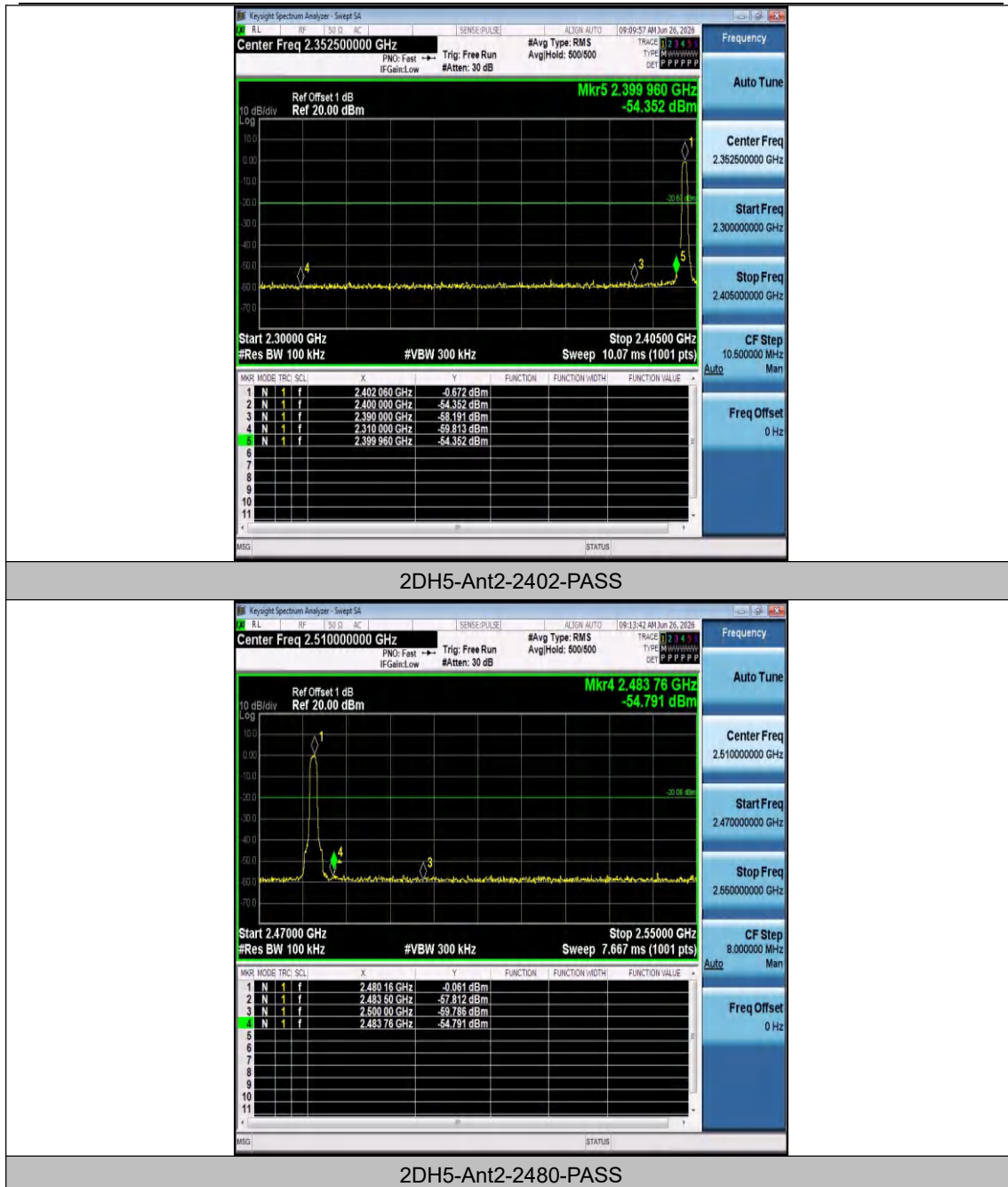


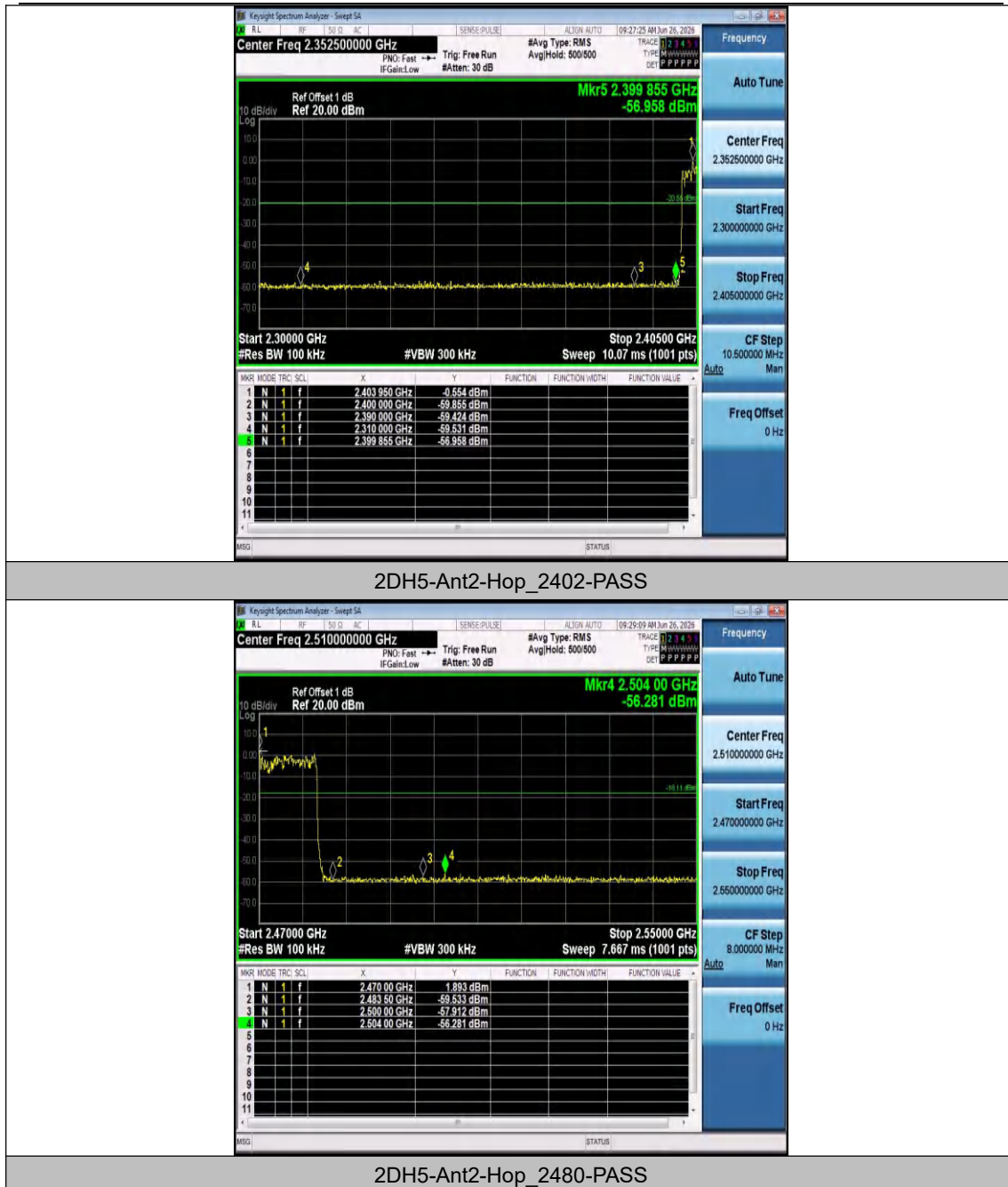
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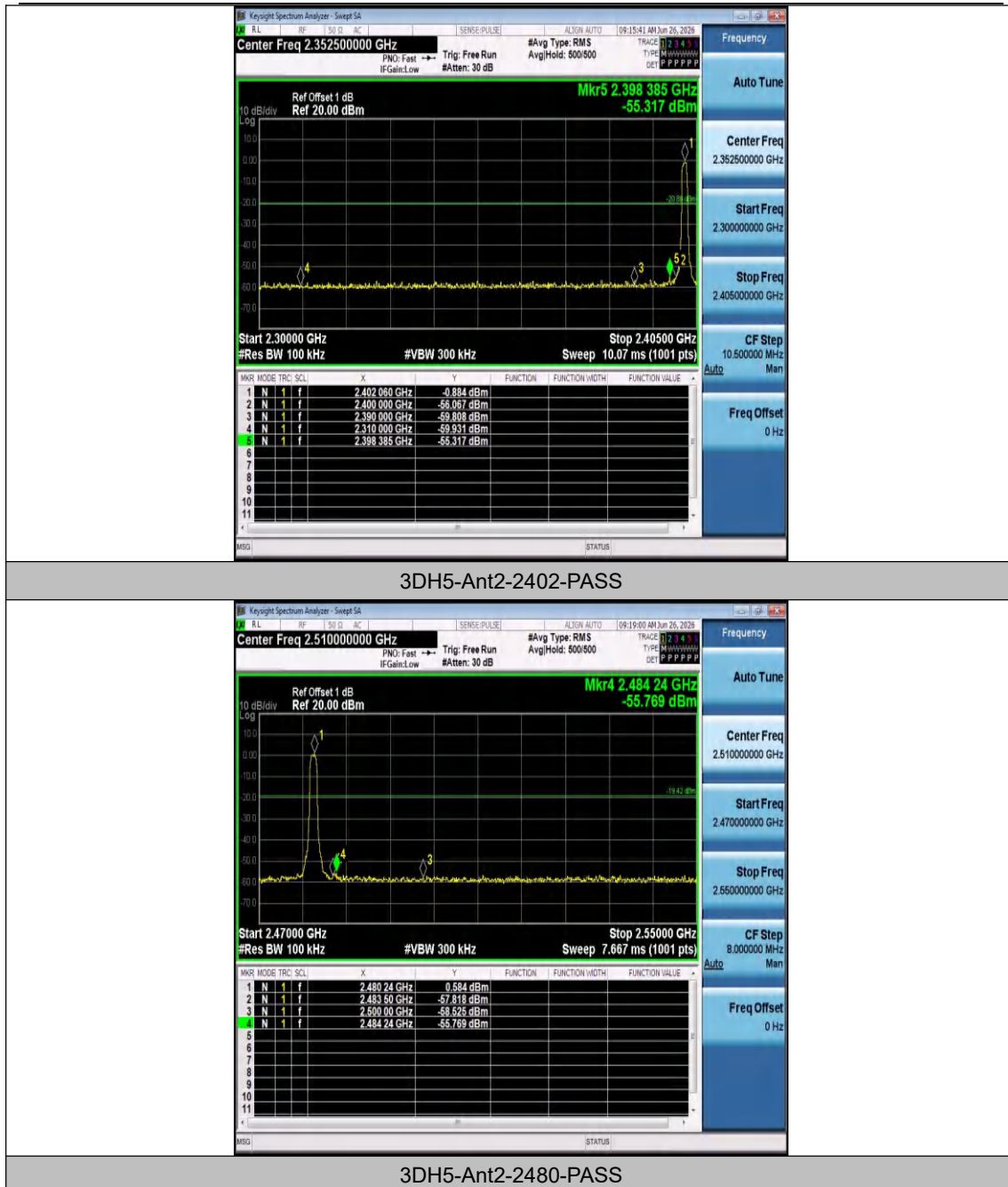
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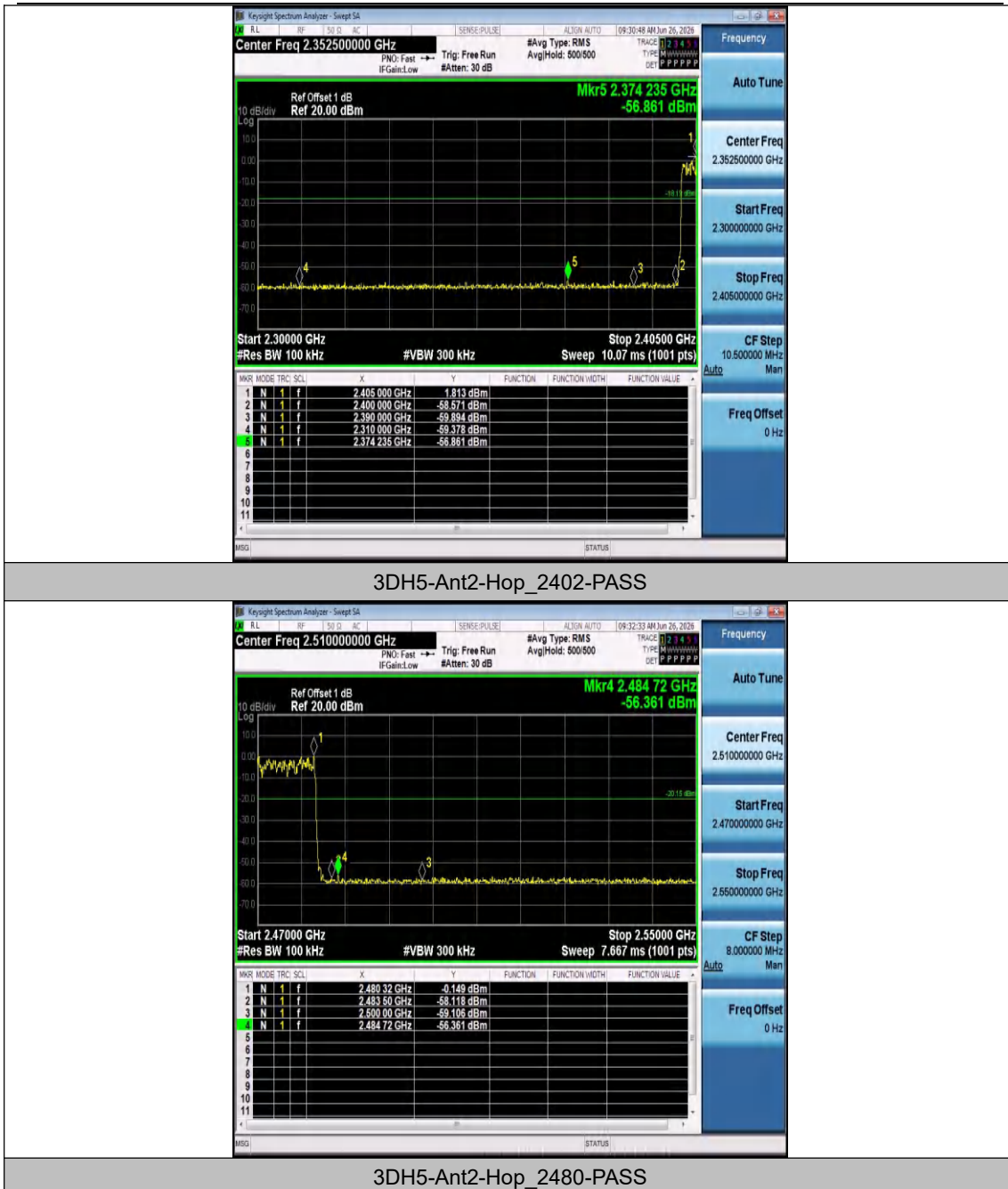
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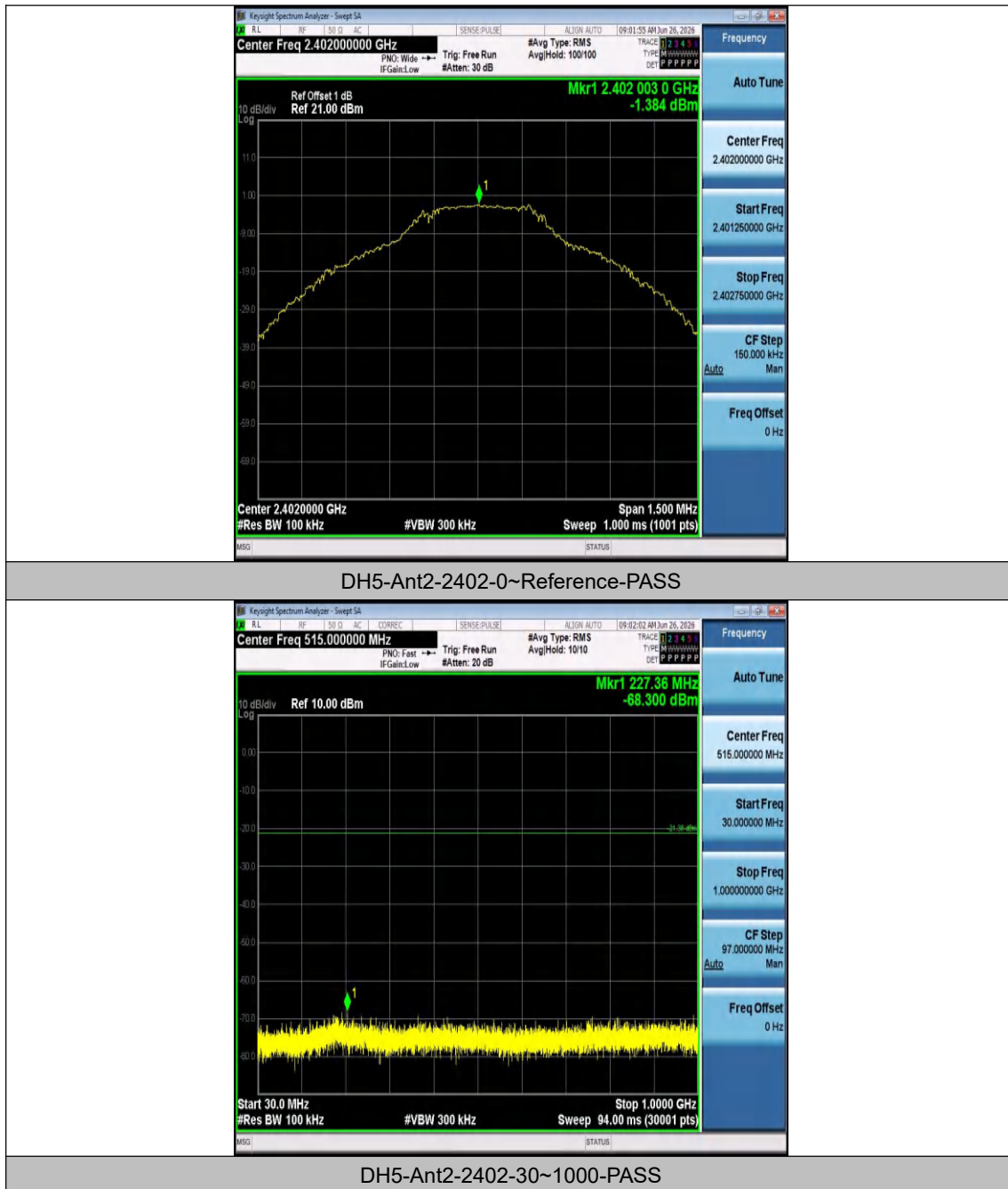
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant2	2402	0~Reference	-1.38	-1.38	---	PASS
DH5	Ant2	2402	30~1000	-1.38	-68.3	≤-21.38	PASS
DH5	Ant2	2402	1000~26500	-1.38	-35.32	≤-21.38	PASS
DH5	Ant2	2441	0~Reference	-1.09	-1.09	---	PASS
DH5	Ant2	2441	30~1000	-1.09	-68.9	≤-21.09	PASS
DH5	Ant2	2441	1000~26500	-1.09	-36.18	≤-21.09	PASS
DH5	Ant2	2480	0~Reference	-0.57	-0.57	---	PASS
DH5	Ant2	2480	30~1000	-0.57	-68.35	≤-20.57	PASS
DH5	Ant2	2480	1000~26500	-0.57	-35.26	≤-20.57	PASS
2DH5	Ant2	2402	0~Reference	-0.32	-0.32	---	PASS
2DH5	Ant2	2402	30~1000	-0.32	-68.61	≤-20.32	PASS
2DH5	Ant2	2402	1000~26500	-0.32	-35.16	≤-20.32	PASS
2DH5	Ant2	2441	0~Reference	-1.19	-1.19	---	PASS
2DH5	Ant2	2441	30~1000	-1.19	-69.14	≤-21.19	PASS
2DH5	Ant2	2441	1000~26500	-1.19	-35.92	≤-21.19	PASS
2DH5	Ant2	2480	0~Reference	-0.69	-0.69	---	PASS
2DH5	Ant2	2480	30~1000	-0.69	-68.94	≤-20.69	PASS
2DH5	Ant2	2480	1000~26500	-0.69	-35.98	≤-20.69	PASS
3DH5	Ant2	2402	0~Reference	-0.54	-0.54	---	PASS
3DH5	Ant2	2402	30~1000	-0.54	-68.52	≤-20.54	PASS
3DH5	Ant2	2402	1000~26500	-0.54	-35.36	≤-20.54	PASS
3DH5	Ant2	2441	0~Reference	-0.61	-0.61	---	PASS
3DH5	Ant2	2441	30~1000	-0.61	-68.7	≤-20.61	PASS
3DH5	Ant2	2441	1000~26500	-0.61	-35.75	≤-20.61	PASS
3DH5	Ant2	2480	0~Reference	0.59	0.59	---	PASS
3DH5	Ant2	2480	30~1000	0.59	-69.06	≤-19.41	PASS
3DH5	Ant2	2480	1000~26500	0.59	-35.33	≤-19.41	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.

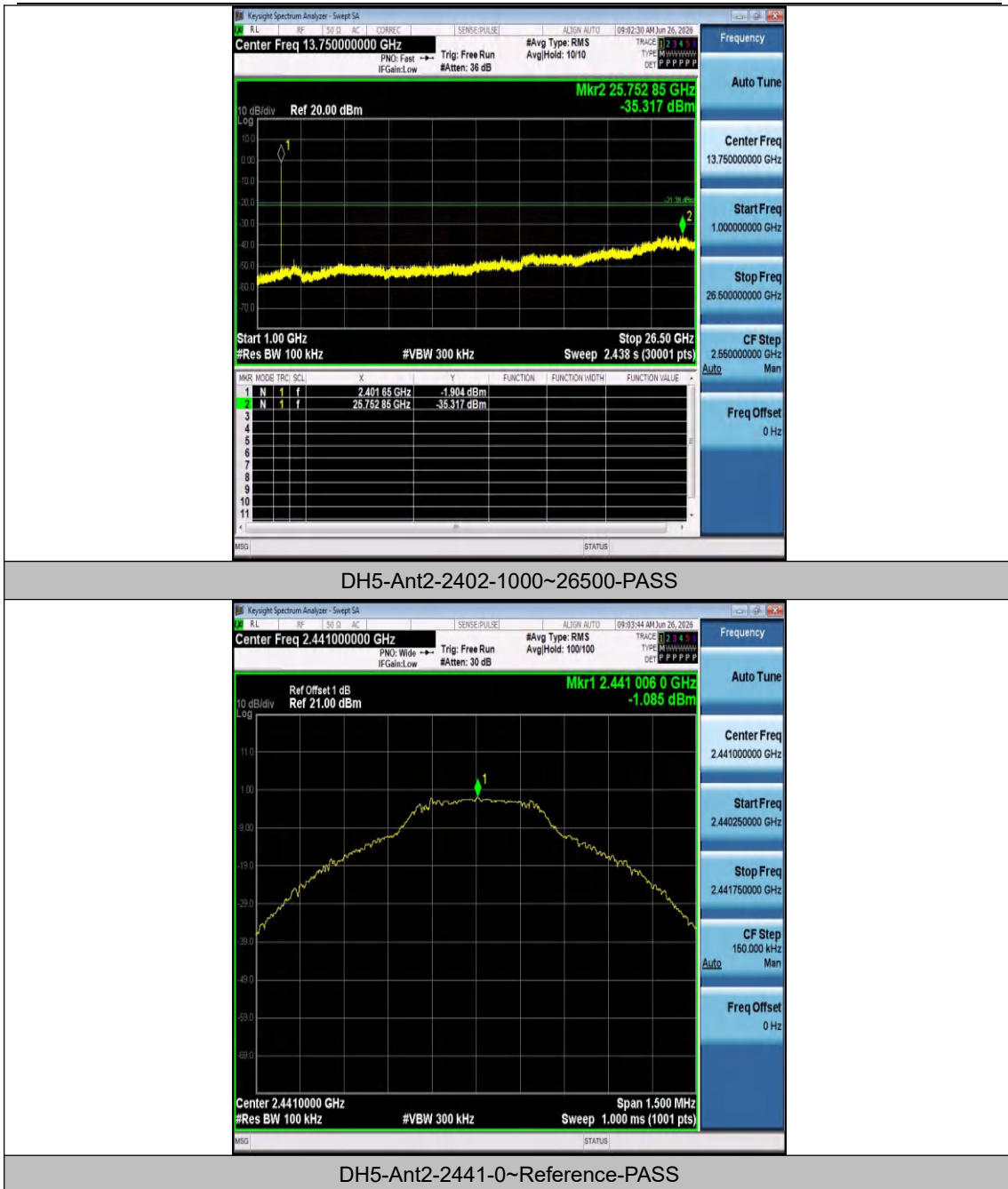
Test Graphs



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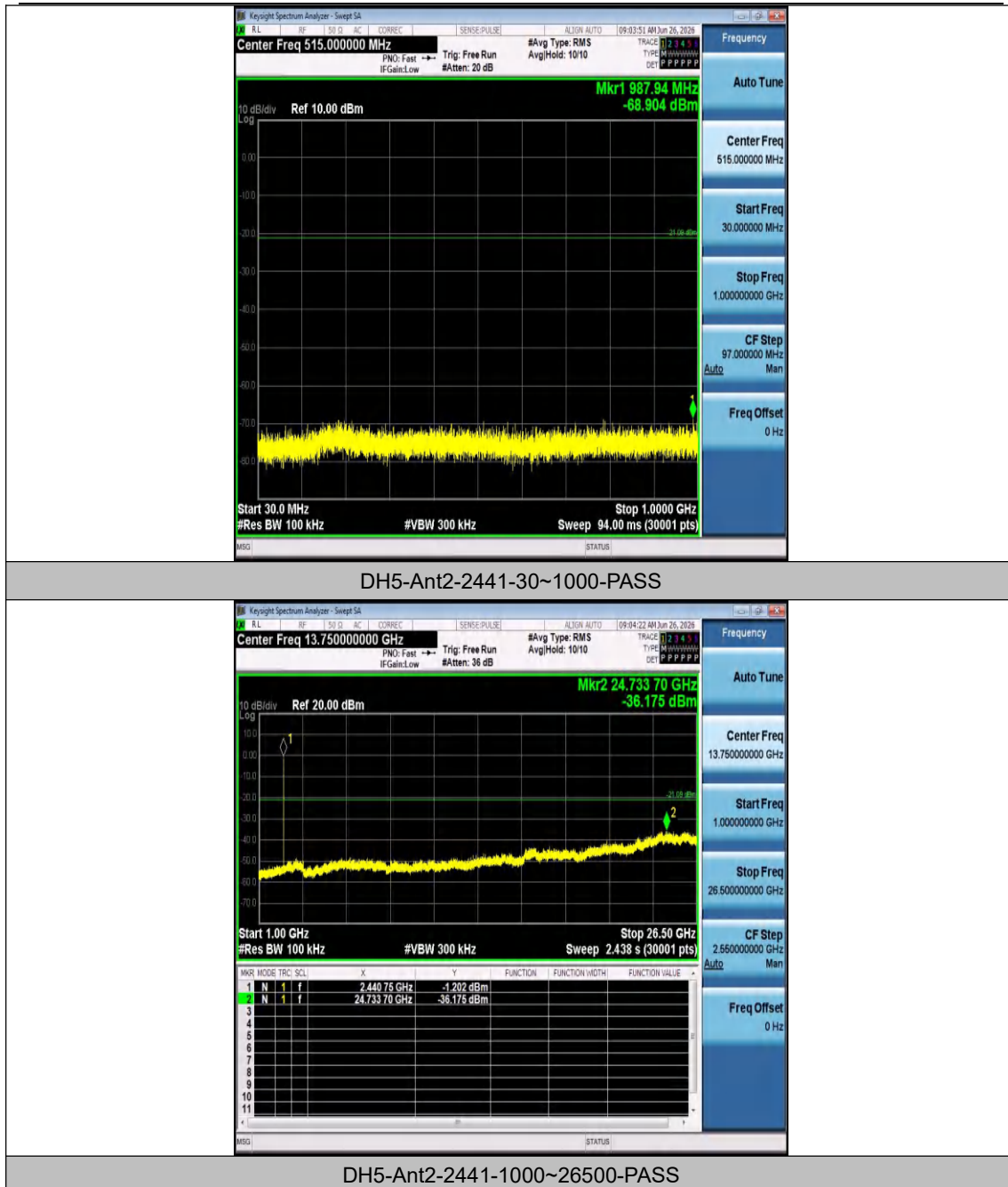
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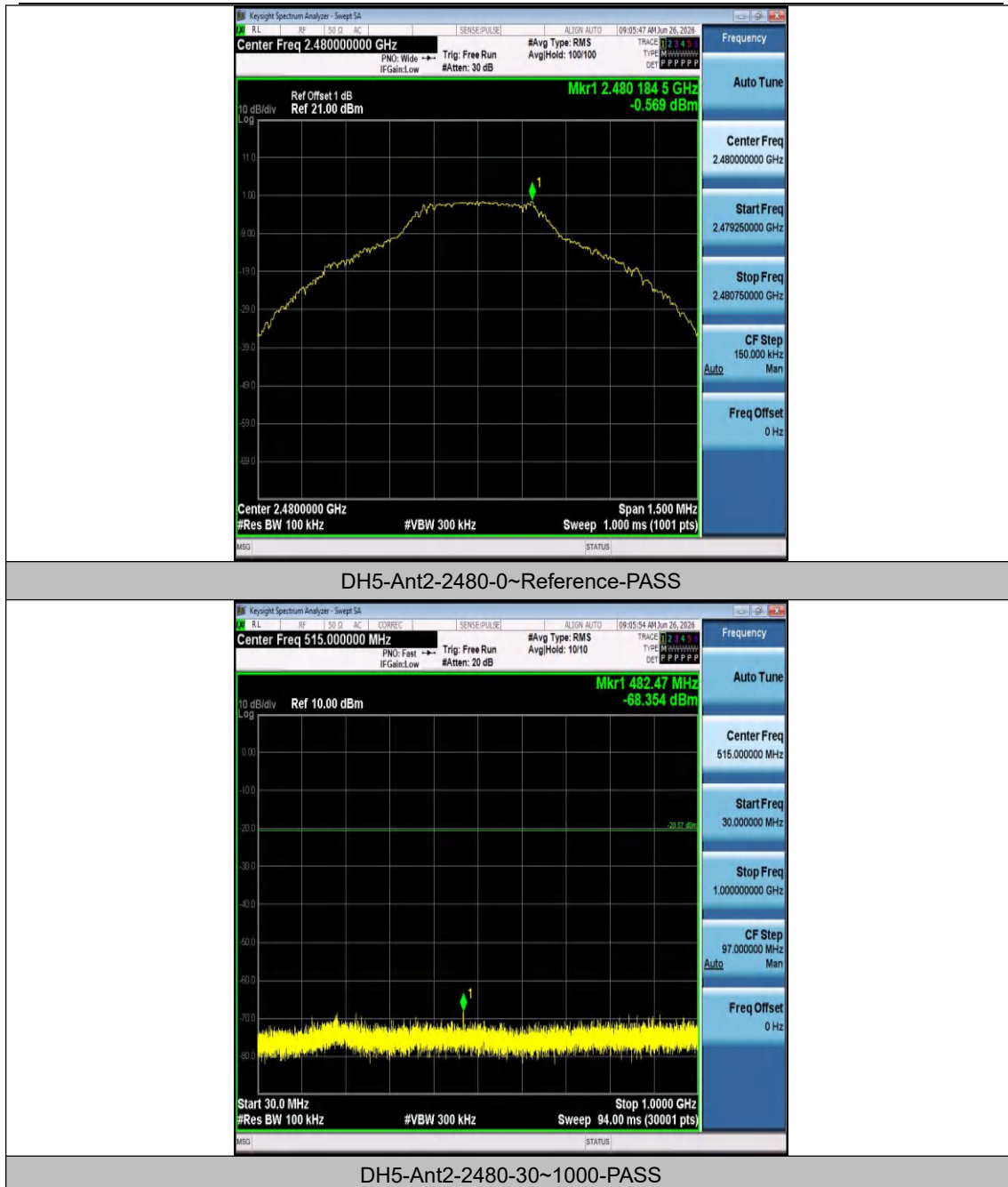


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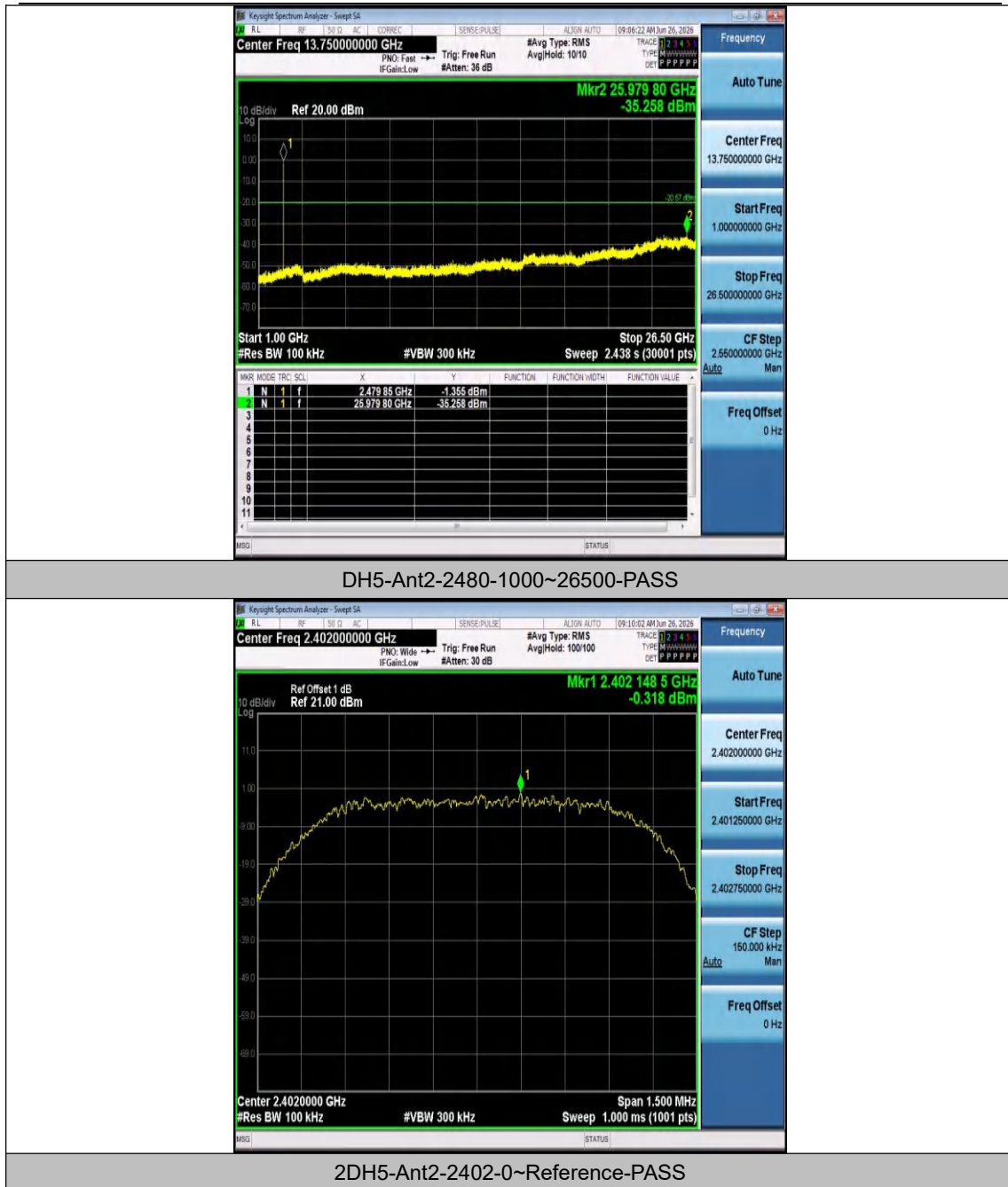




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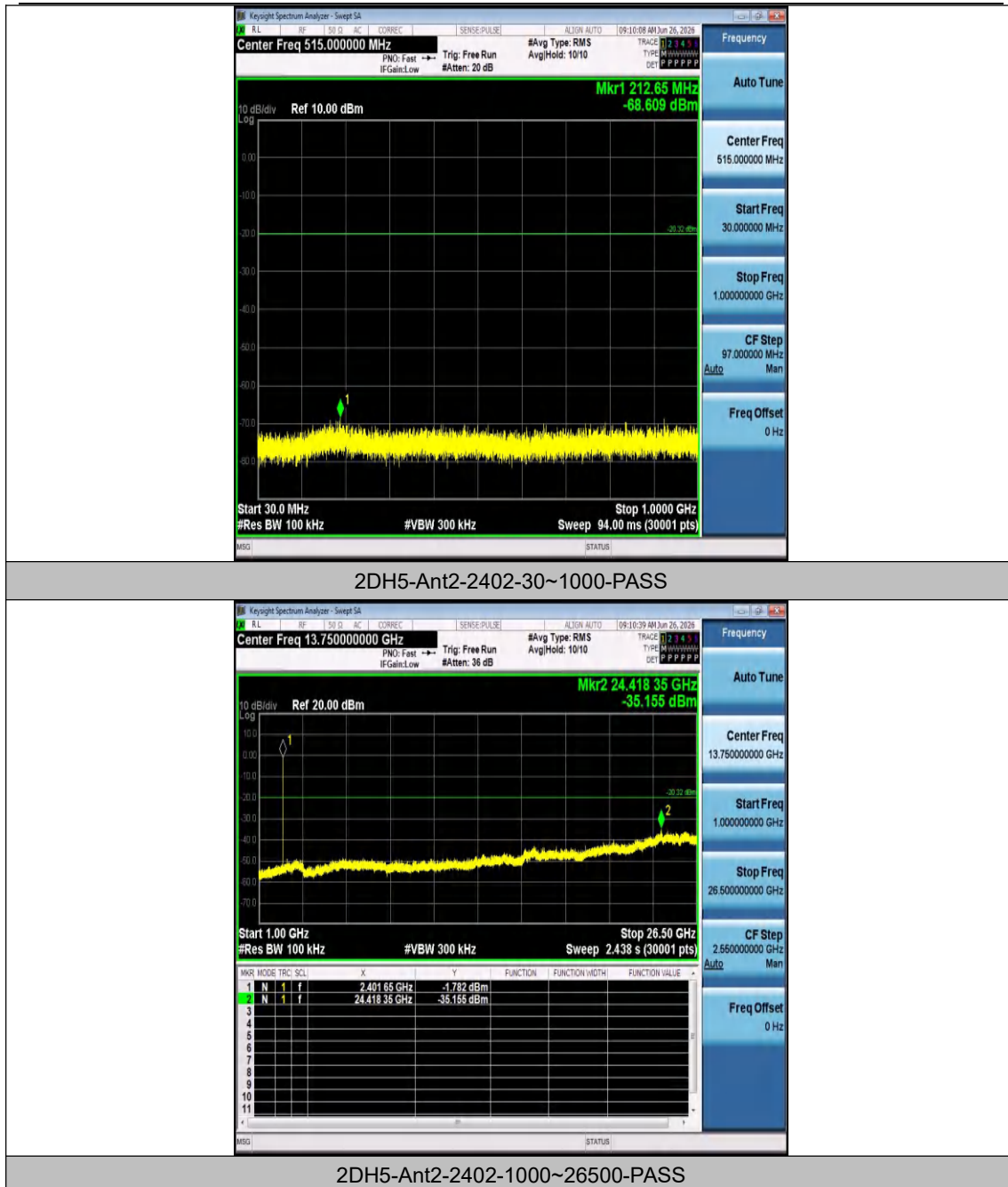
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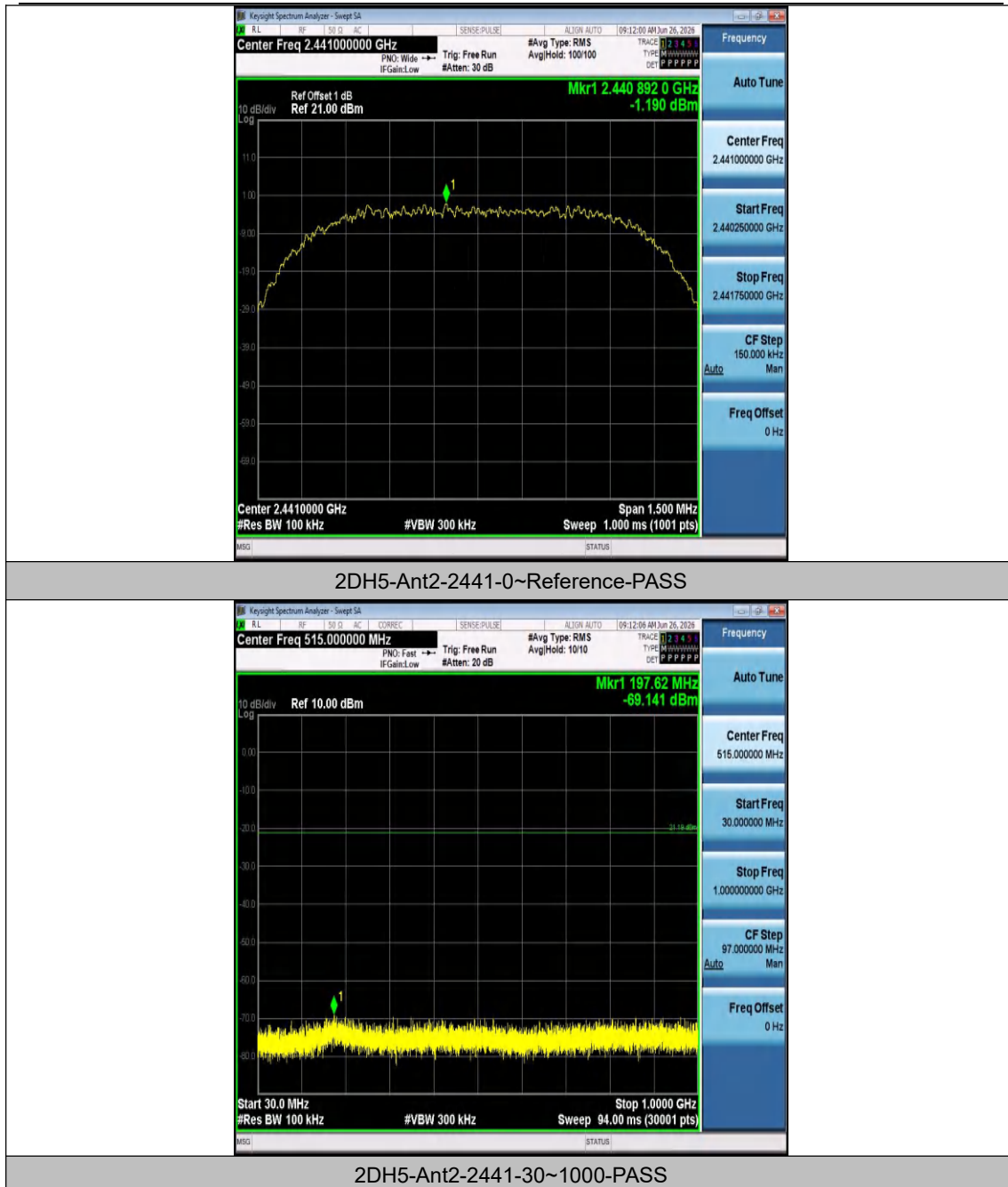
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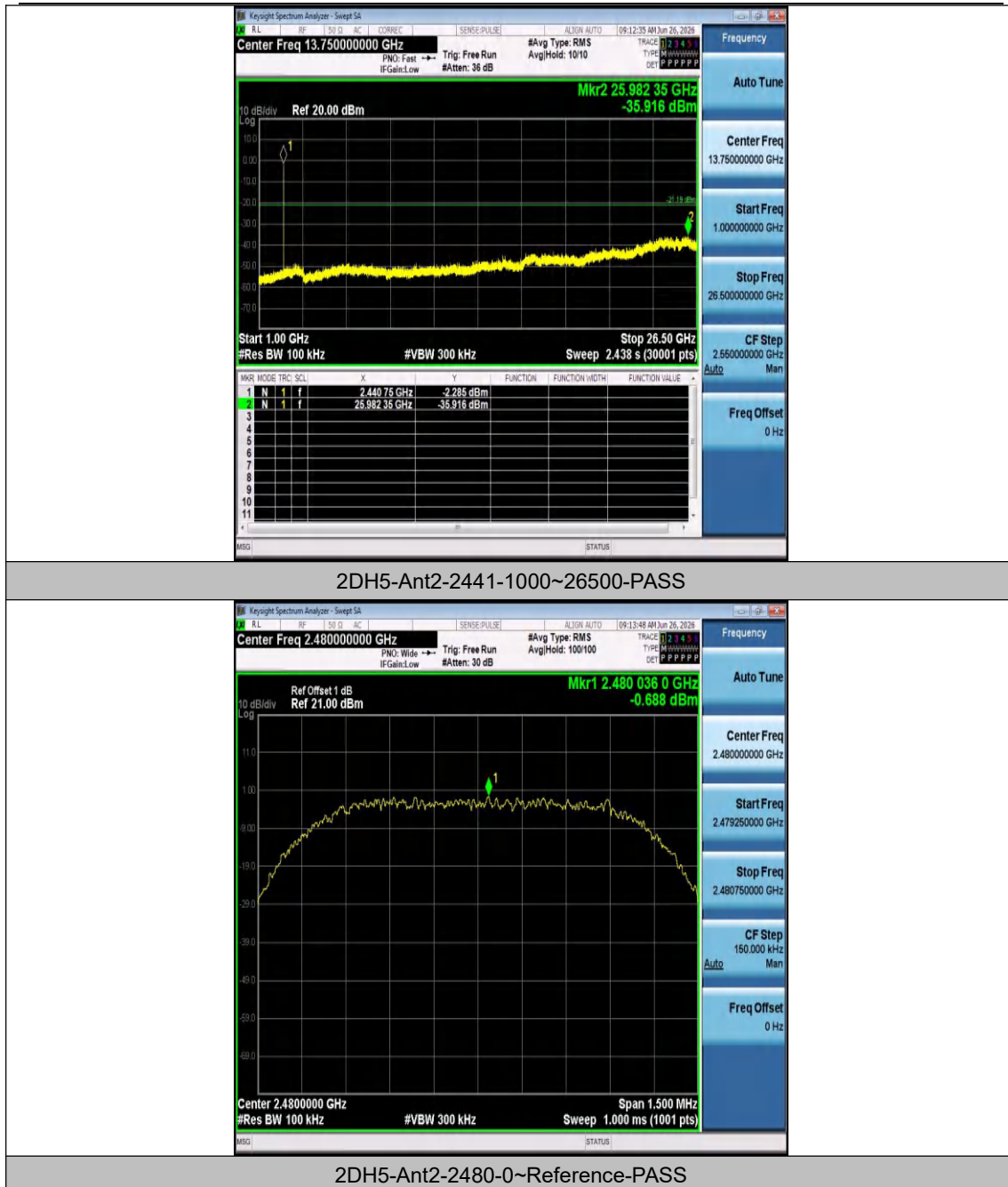
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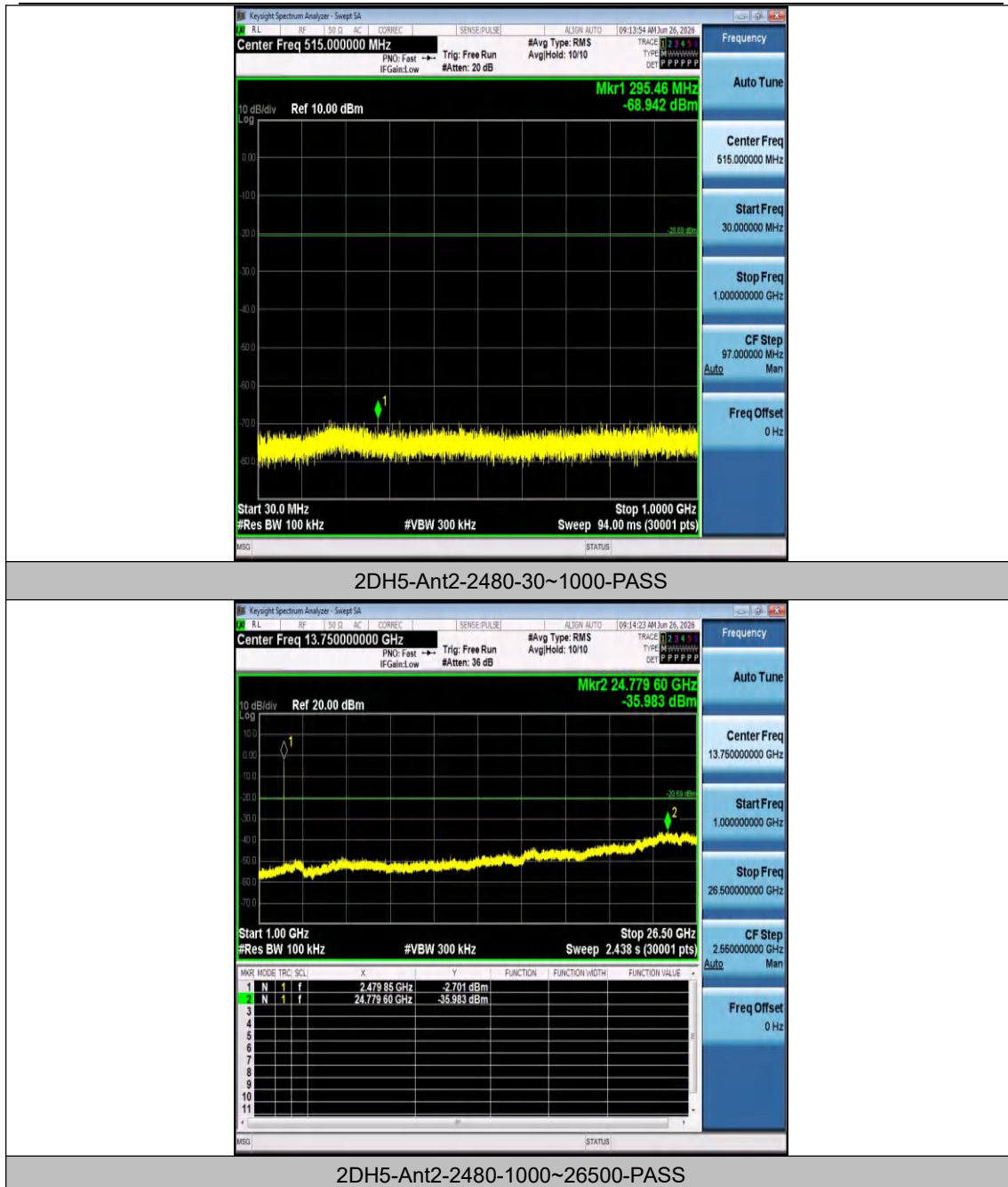
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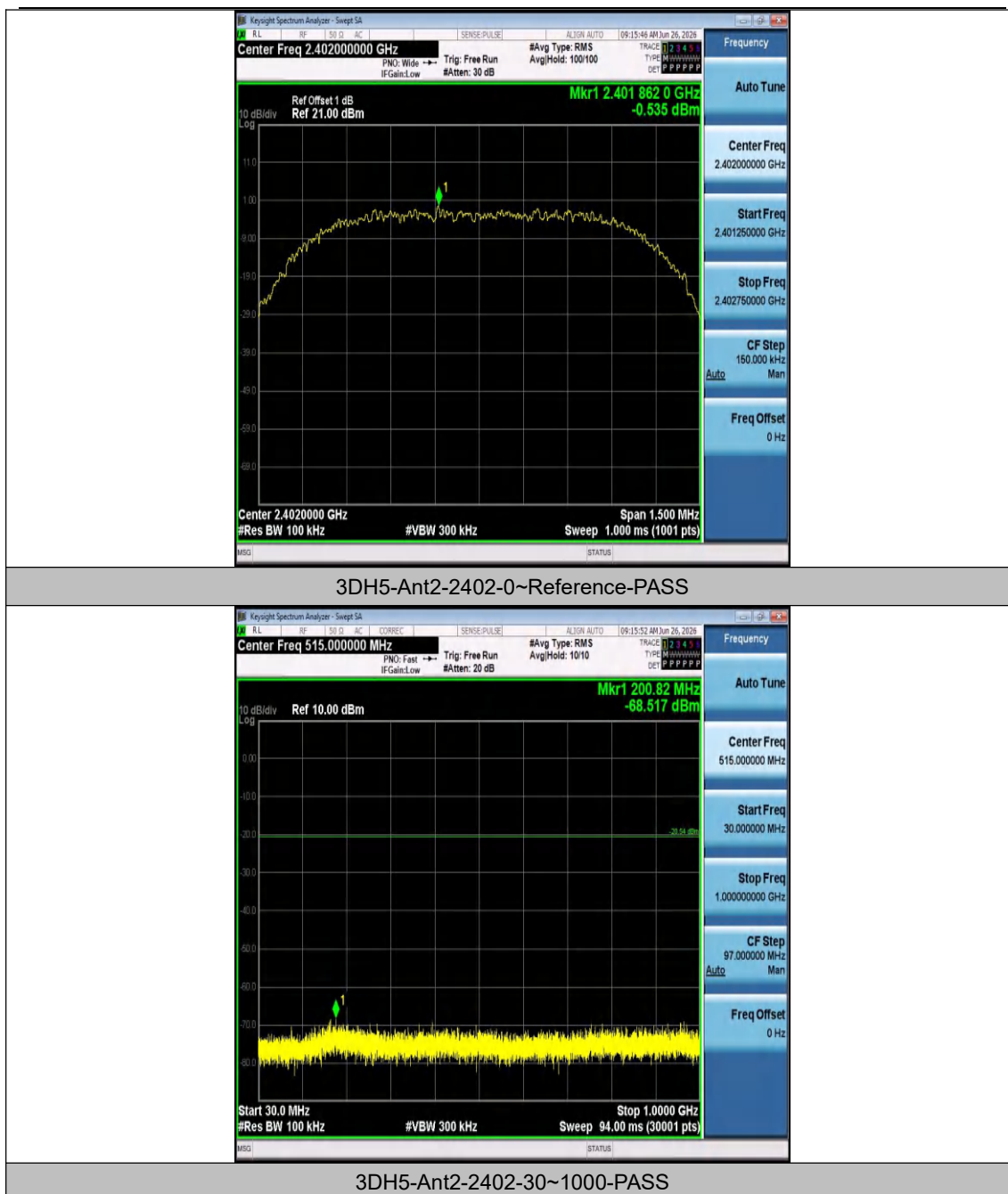


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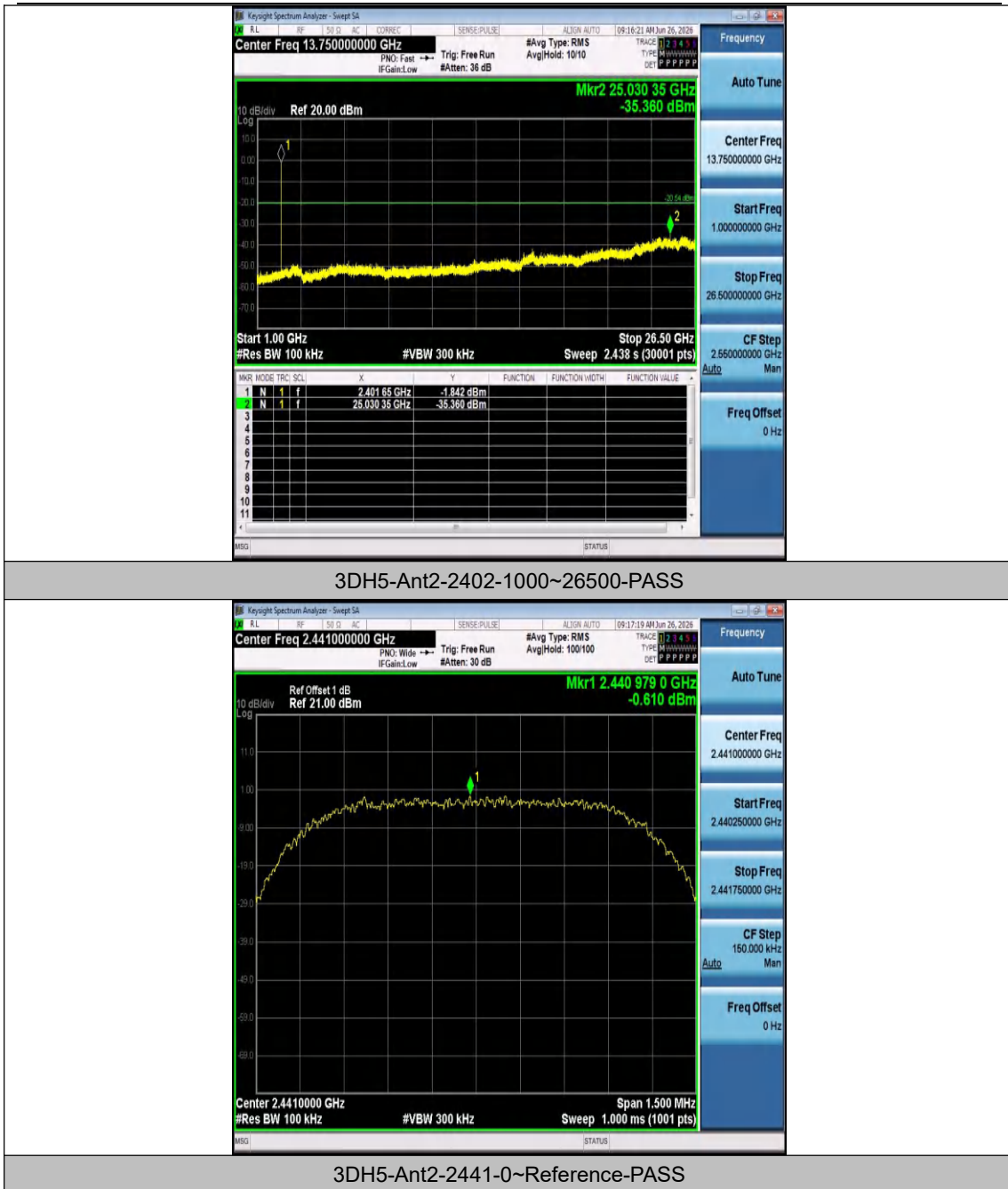




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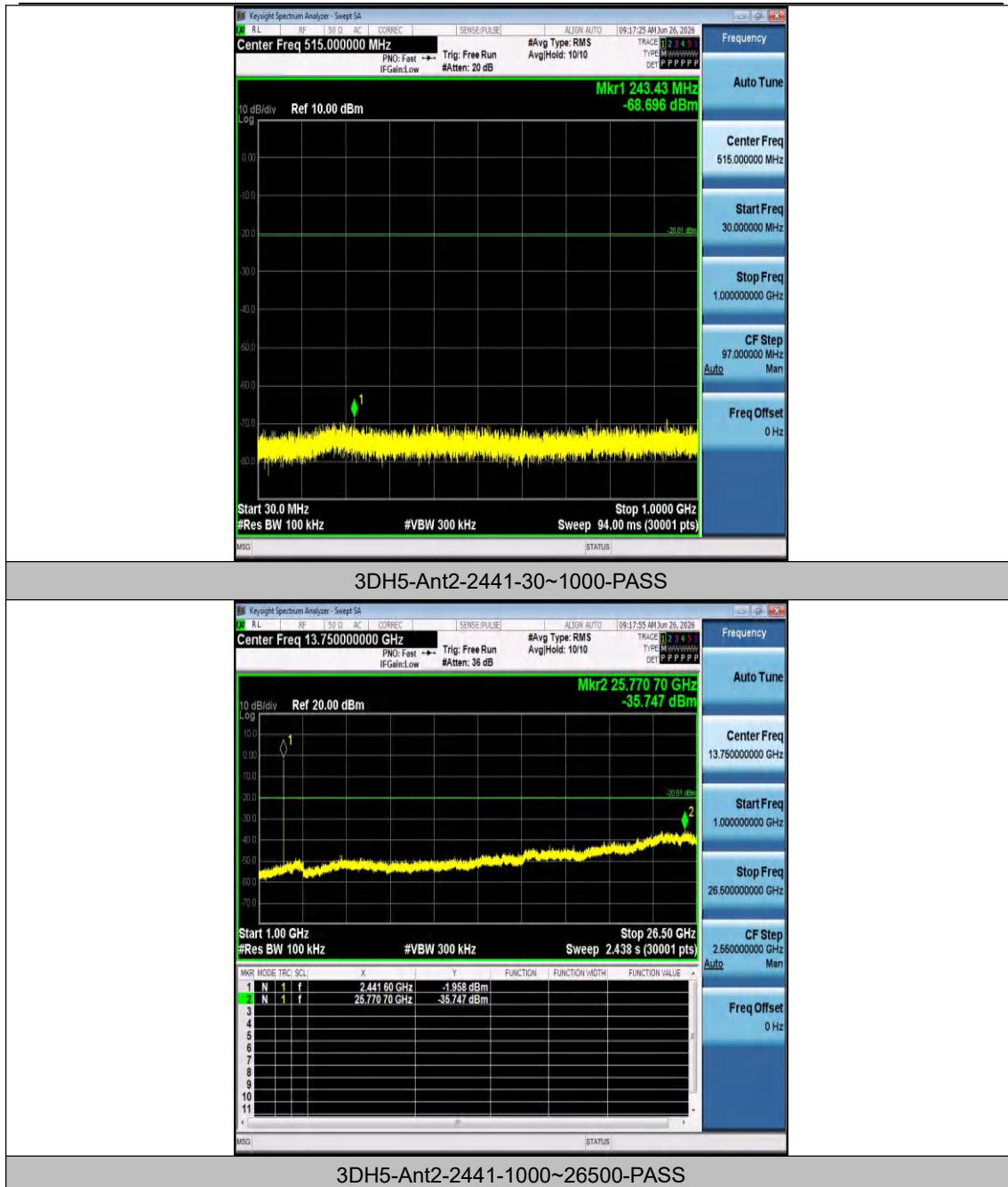
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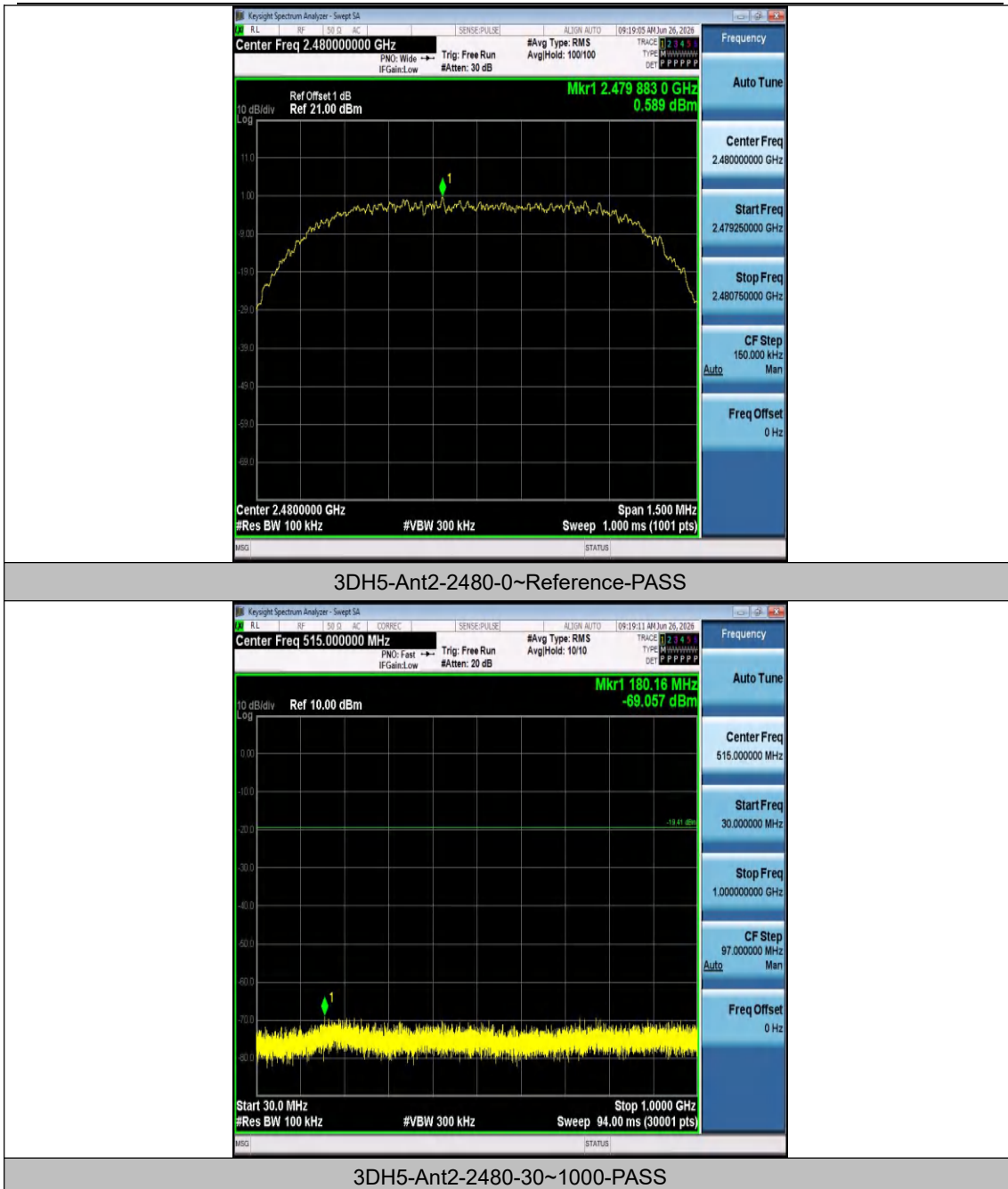
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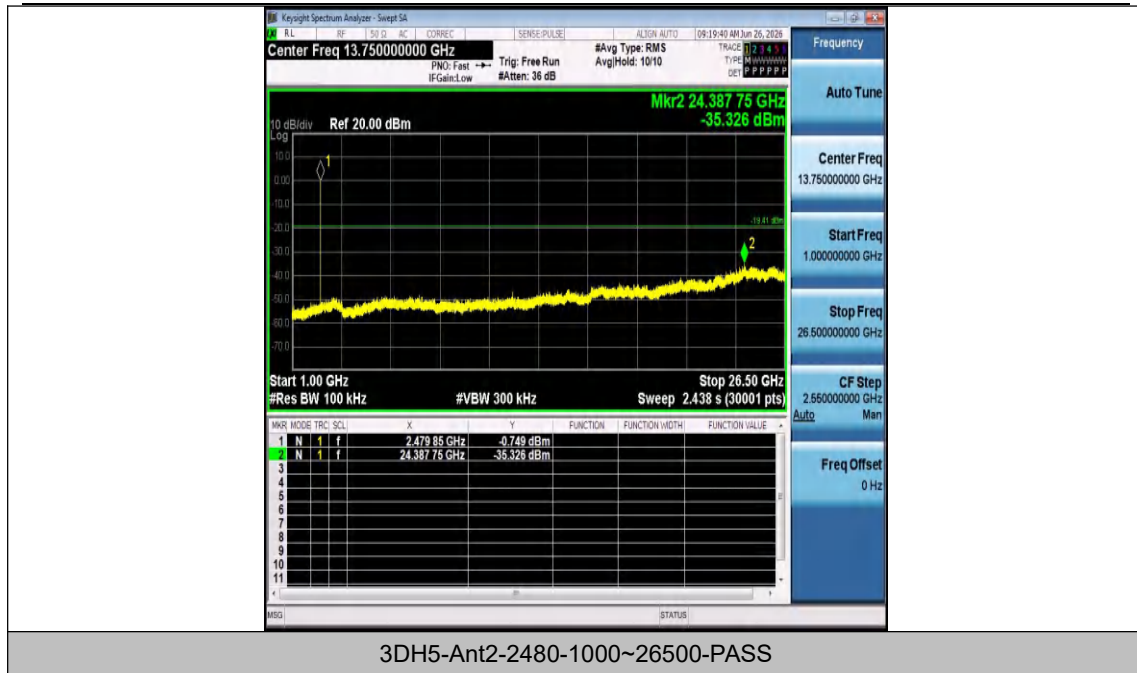
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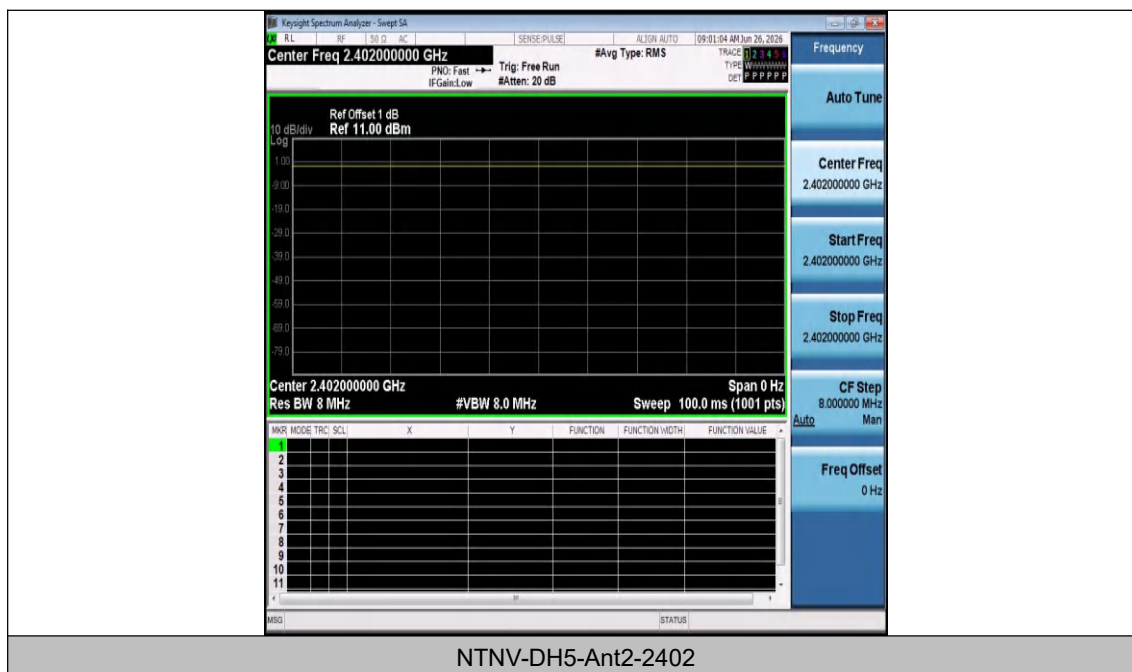
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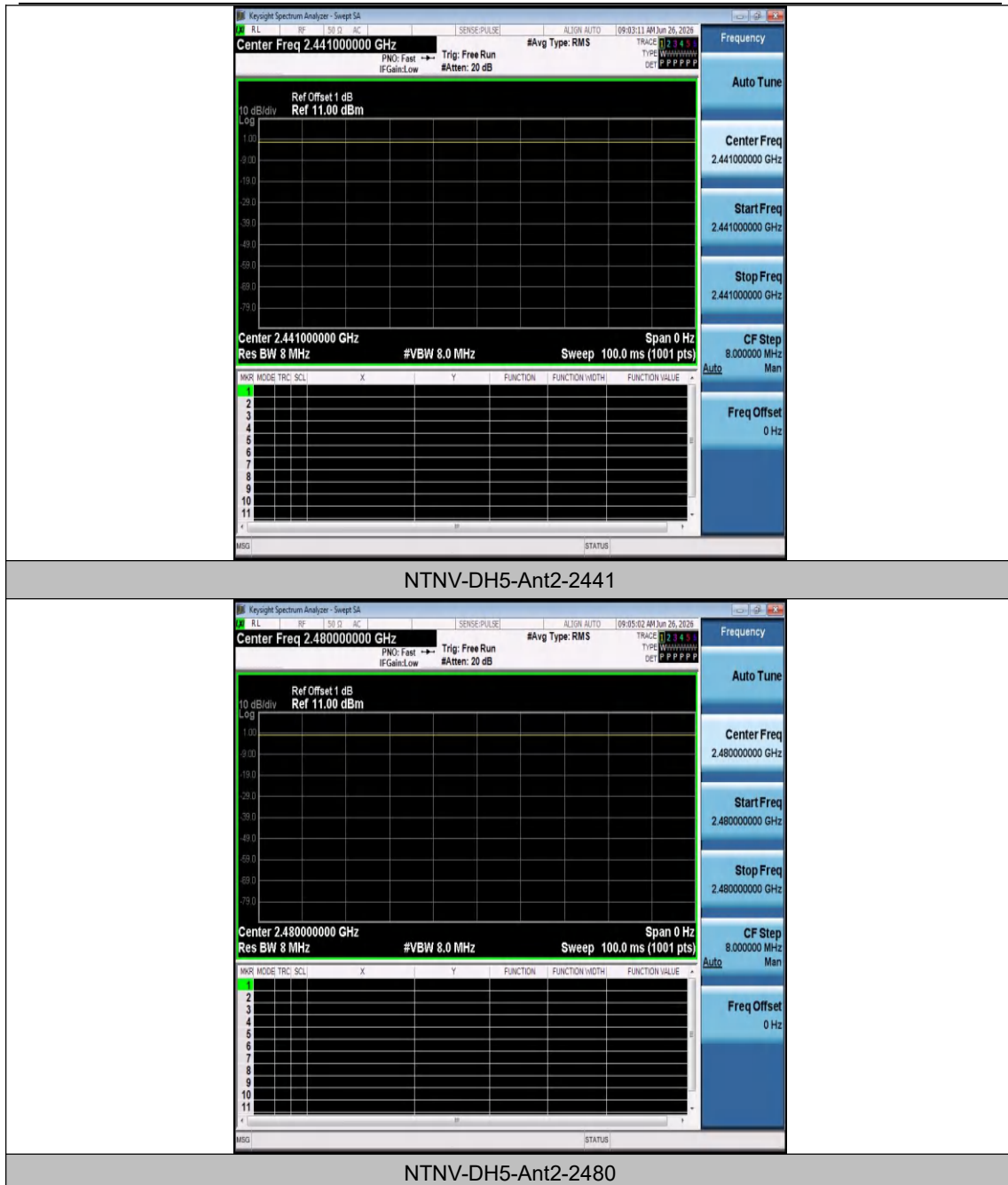
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant2	2402	100.00	100.00	100.00	0.00
DH5	Ant2	2441	100.00	100.00	100.00	0.00
DH5	Ant2	2480	100.00	100.00	100.00	0.00
2DH5	Ant2	2402	100.00	100.00	100.00	0.00
2DH5	Ant2	2441	100.00	100.00	100.00	0.00
2DH5	Ant2	2480	100.00	100.00	100.00	0.00
3DH5	Ant2	2402	100.00	100.00	100.00	0.00
3DH5	Ant2	2441	100.00	100.00	100.00	0.00
3DH5	Ant2	2480	100.00	100.00	100.00	0.00

Test Graphs

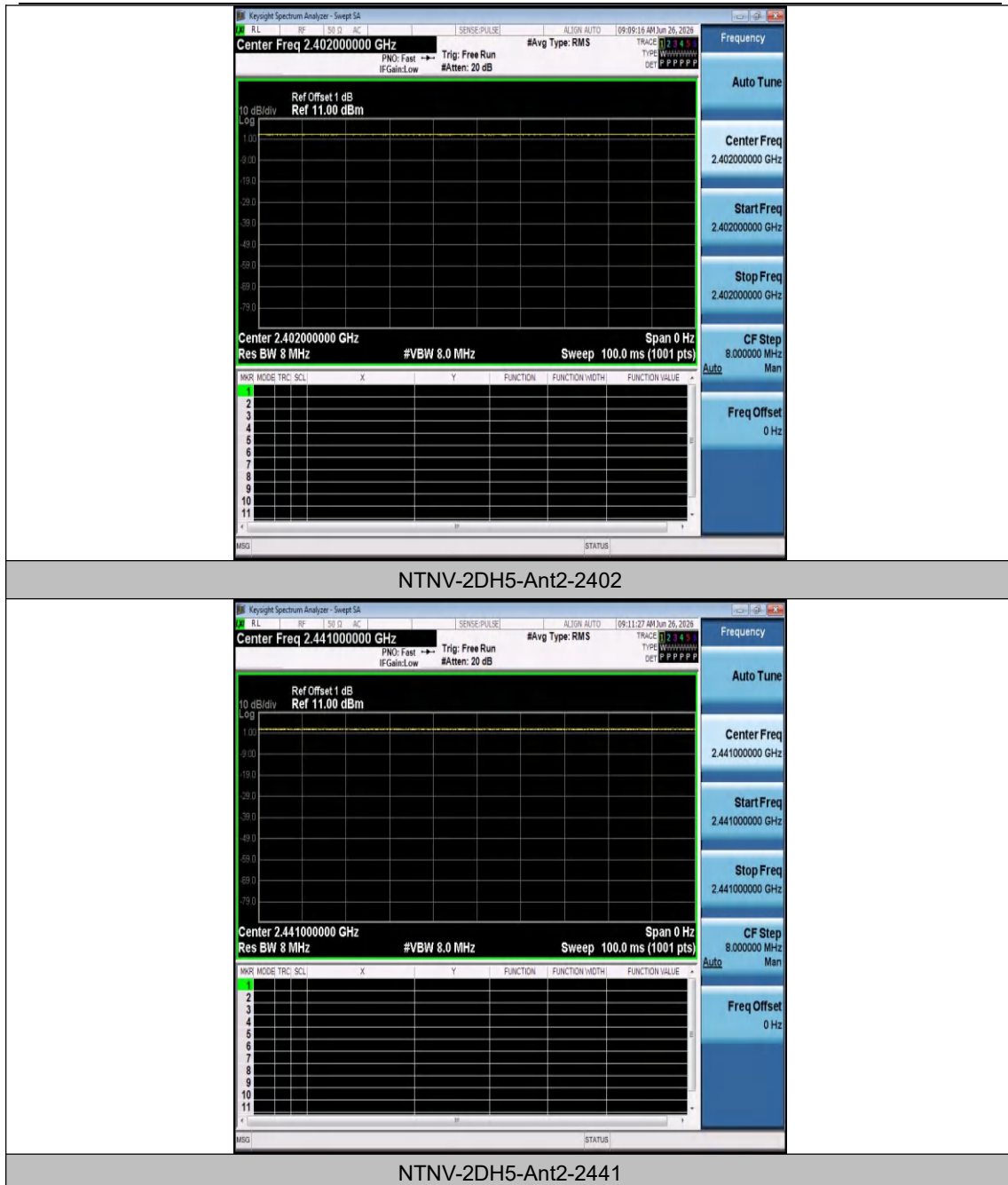




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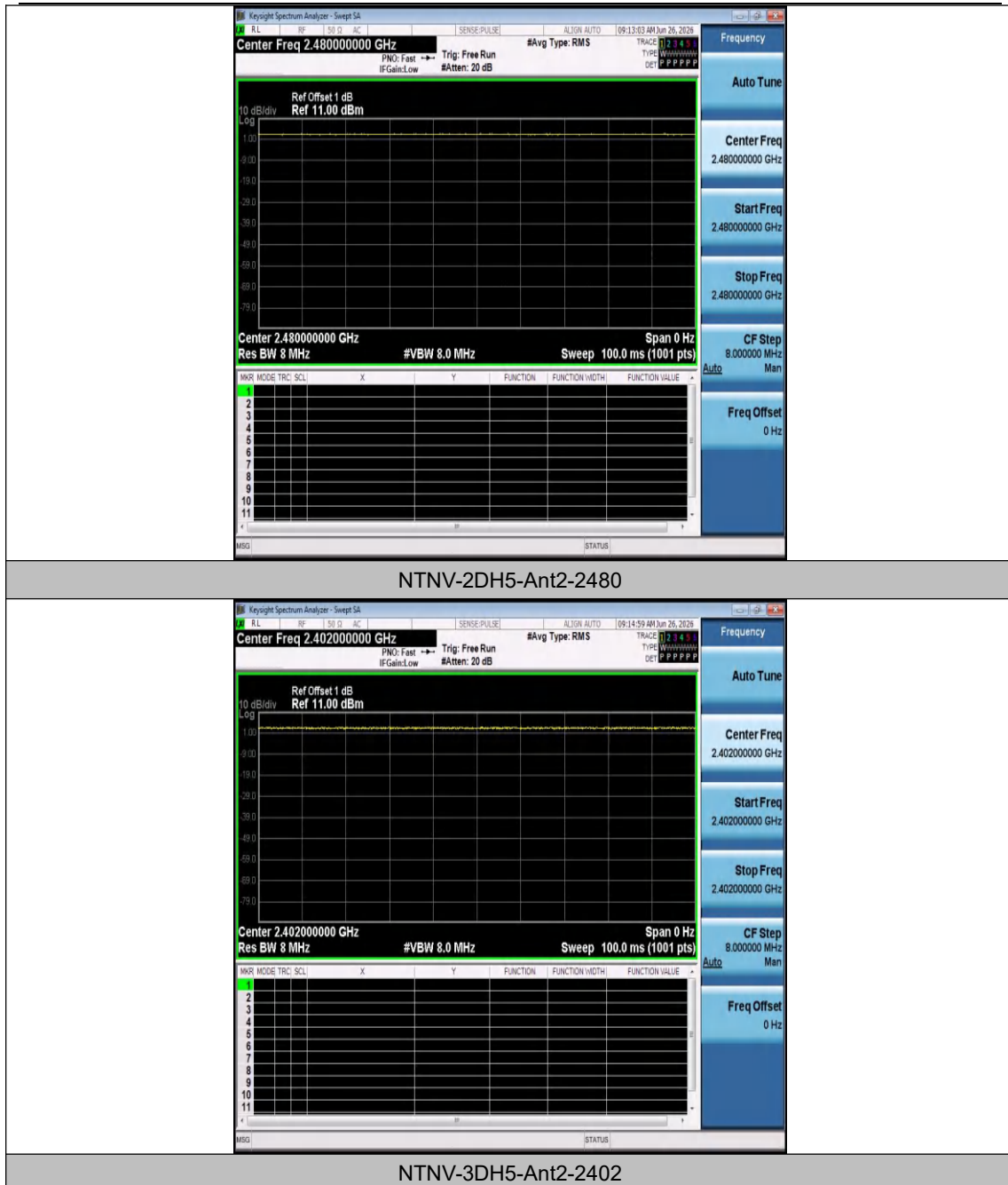
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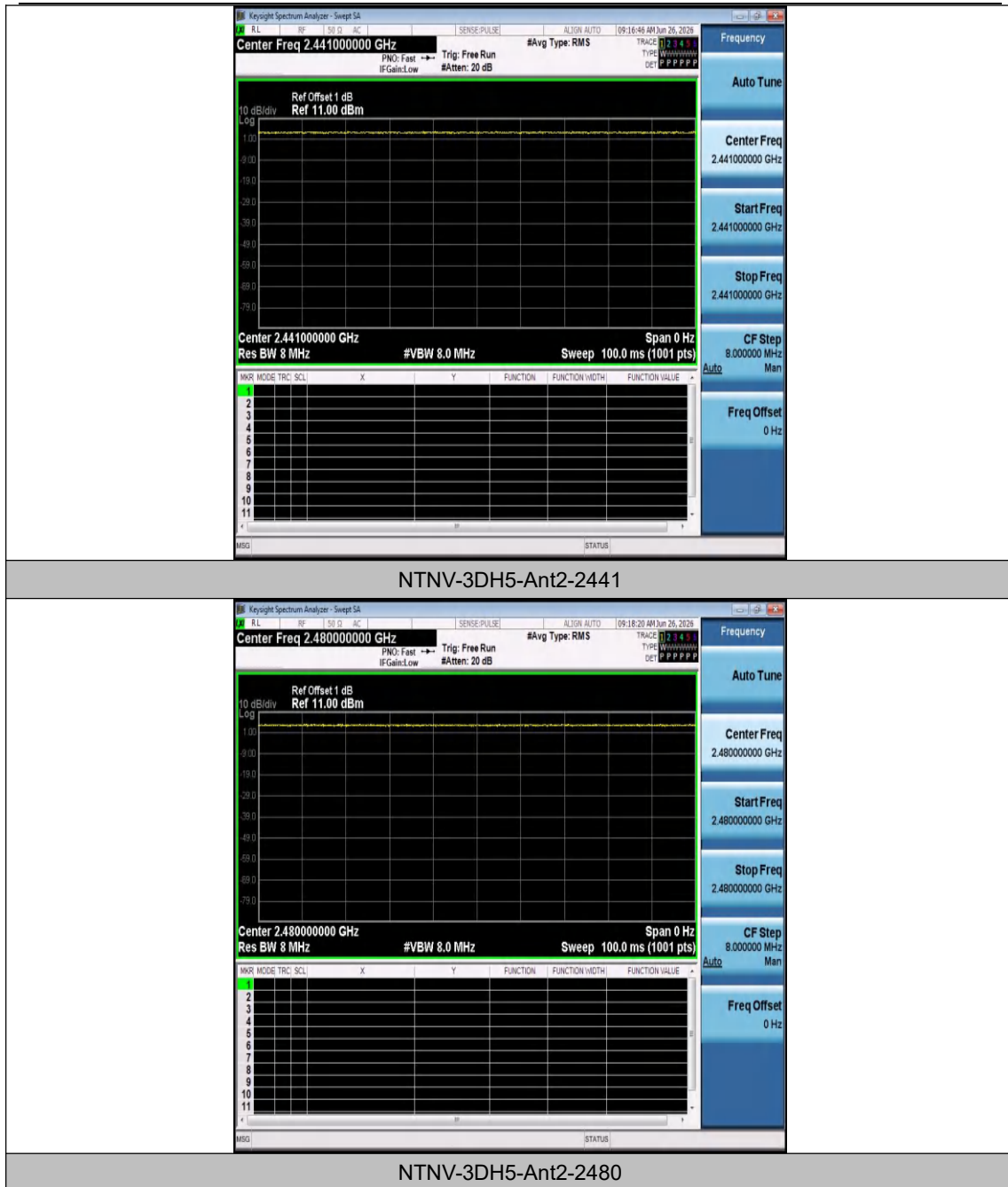
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---End---