

Appendix Test Data

Report No.:	1812C60309012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-4	Finish Test Date:	2026-6-5
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	66%
Pressure:	101kPa		

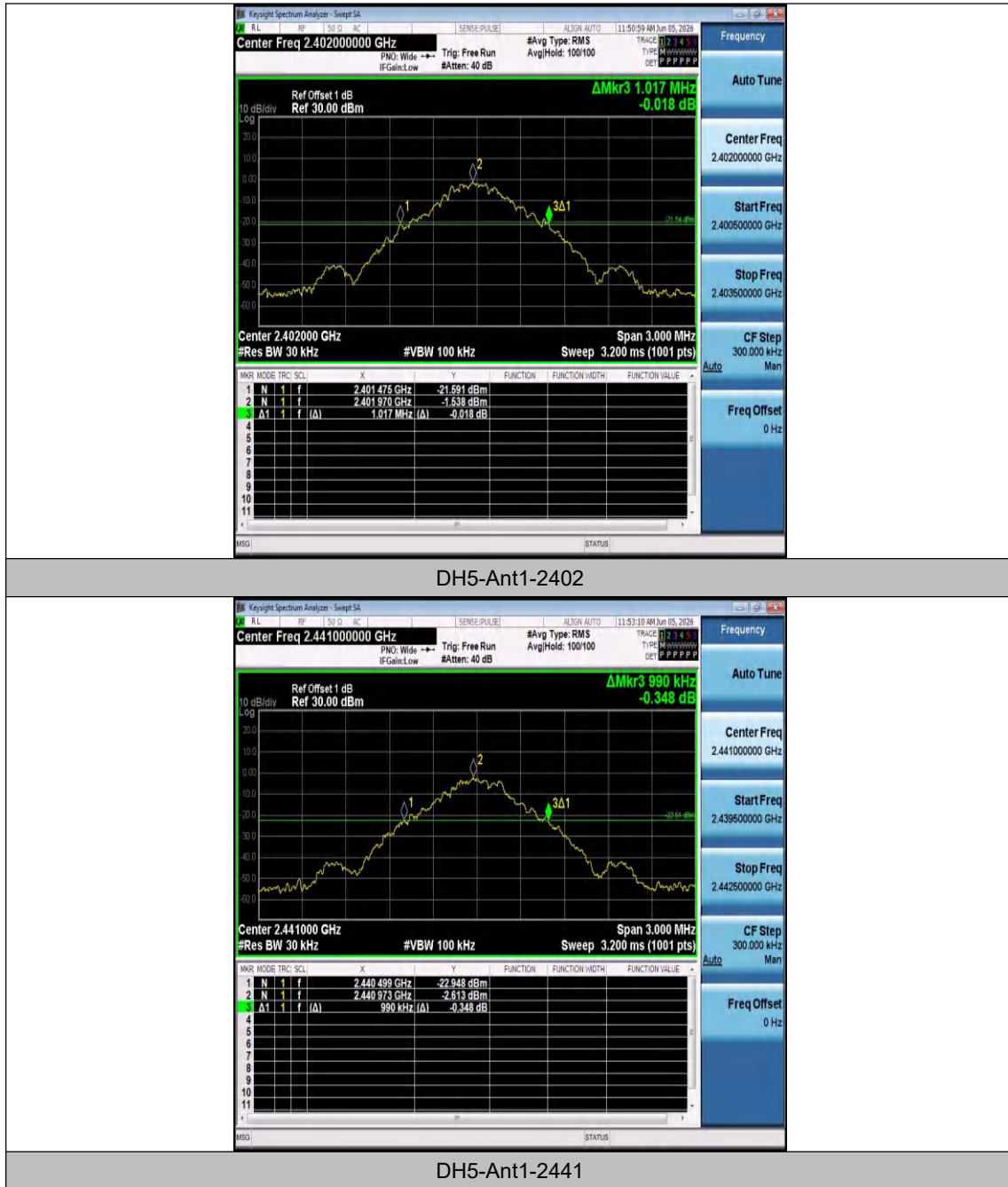


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.017	2401.475	2402.492	---	---
DH5	Ant1	2441	0.990	2440.499	2441.489	---	---
DH5	Ant1	2480	0.948	2479.535	2480.483	---	---
2DH5	Ant1	2402	1.290	2401.364	2402.654	---	---
2DH5	Ant1	2441	1.314	2440.337	2441.651	---	---
2DH5	Ant1	2480	1.281	2479.370	2480.651	---	---
3DH5	Ant1	2402	1.275	2401.355	2402.630	---	---
3DH5	Ant1	2441	1.311	2440.349	2441.660	---	---
3DH5	Ant1	2480	1.338	2479.331	2480.669	---	---

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	0.88228	2401.5587	2402.4410	---	---
DH5	Ant1	2441	0.88501	2440.5520	2441.4370	---	---
DH5	Ant1	2480	0.88700	2479.5584	2480.4454	---	---
2DH5	Ant1	2402	1.1813	2401.4093	2402.5906	---	---
2DH5	Ant1	2441	1.1790	2440.4099	2441.5889	---	---
2DH5	Ant1	2480	1.1846	2479.4081	2480.5927	---	---
3DH5	Ant1	2402	1.1828	2401.4106	2402.5934	---	---
3DH5	Ant1	2441	1.1968	2440.3957	2441.5925	---	---
3DH5	Ant1	2480	1.1908	2479.4011	2480.5919	---	---

Test Graphs



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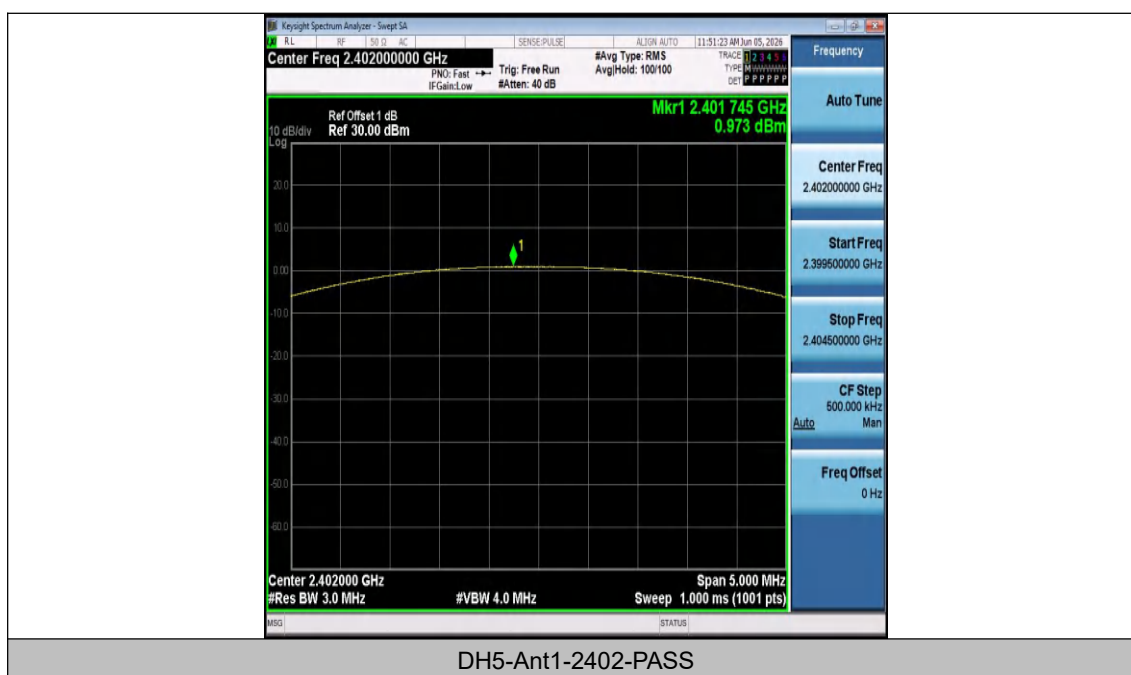
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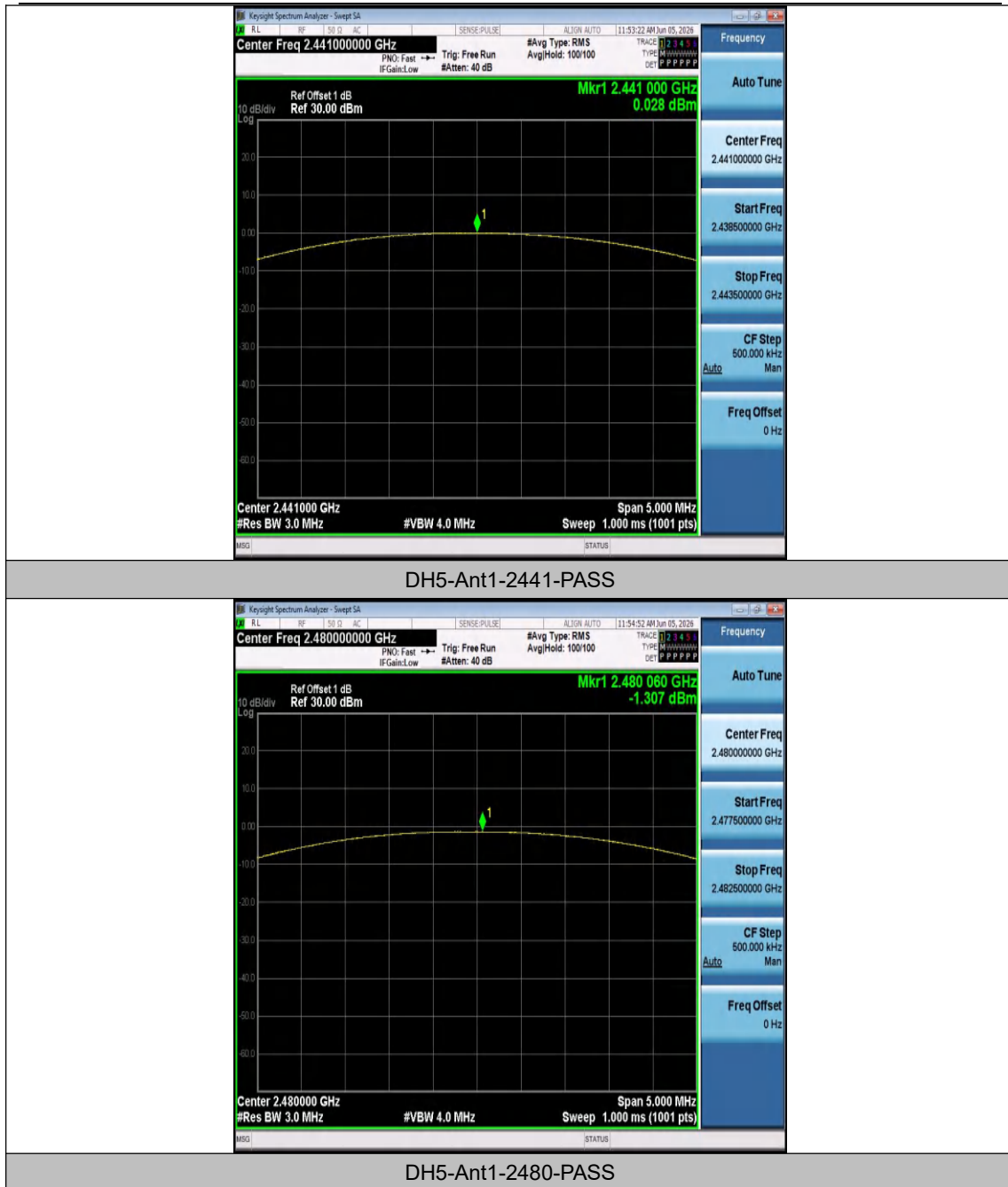
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.97	≤20.97	PASS
DH5	Ant1	2441	0.03	≤20.97	PASS
DH5	Ant1	2480	-1.31	≤20.97	PASS
2DH5	Ant1	2402	1.82	≤20.97	PASS
2DH5	Ant1	2441	0.82	≤20.97	PASS
2DH5	Ant1	2480	-0.37	≤20.97	PASS
3DH5	Ant1	2402	2.31	≤20.97	PASS
3DH5	Ant1	2441	1.25	≤20.97	PASS
3DH5	Ant1	2480	-0.06	≤20.97	PASS

Test Graphs

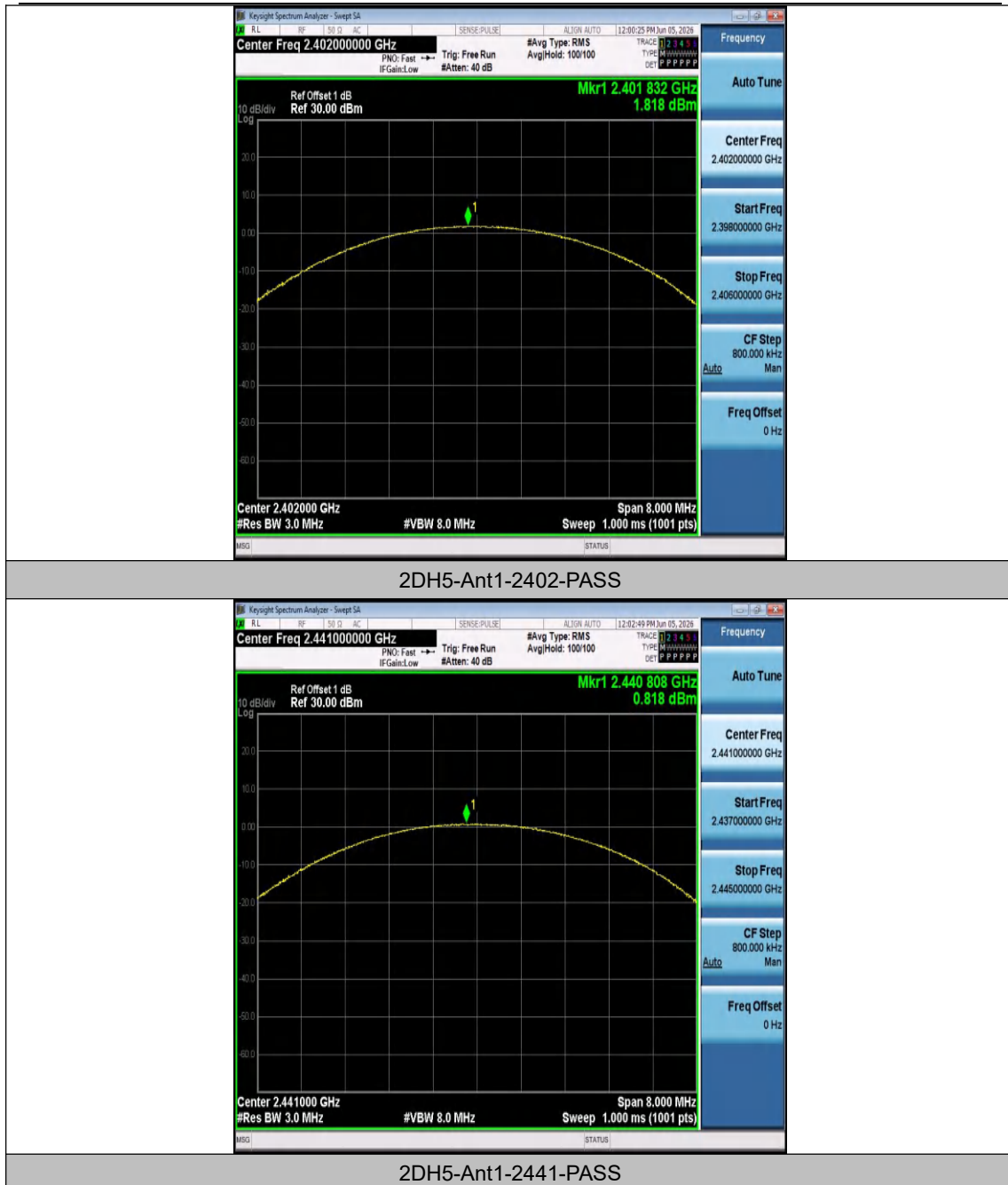




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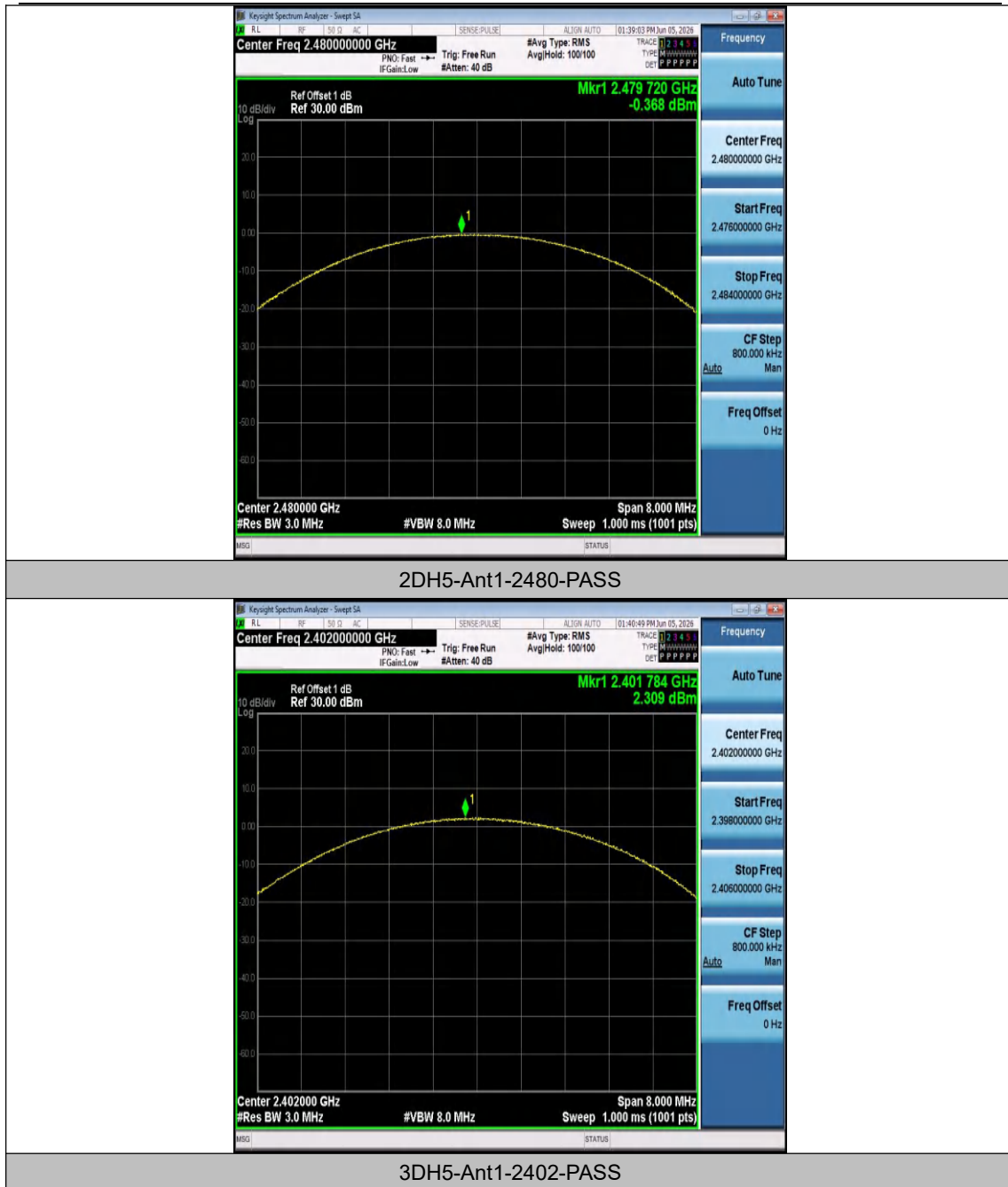
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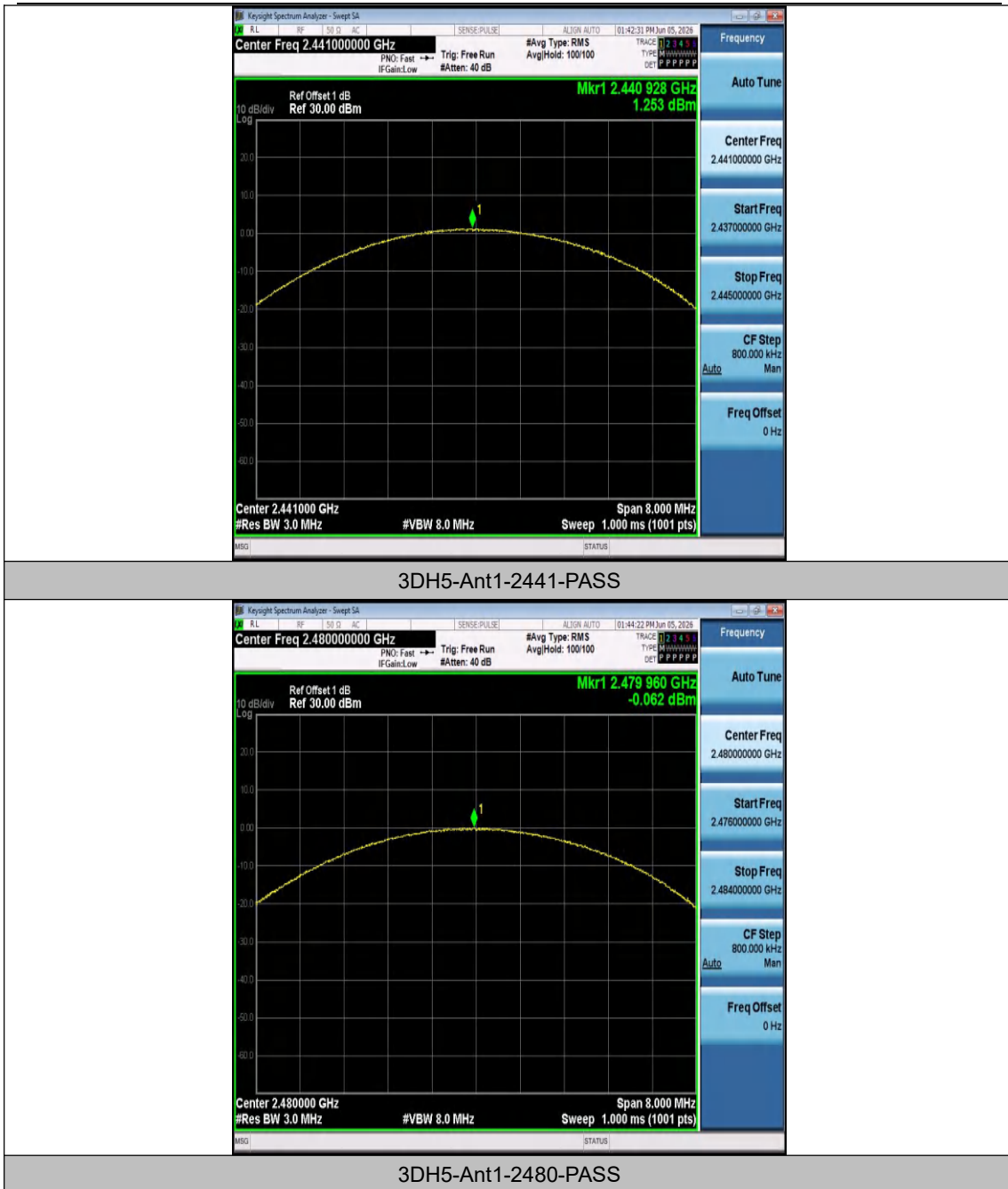
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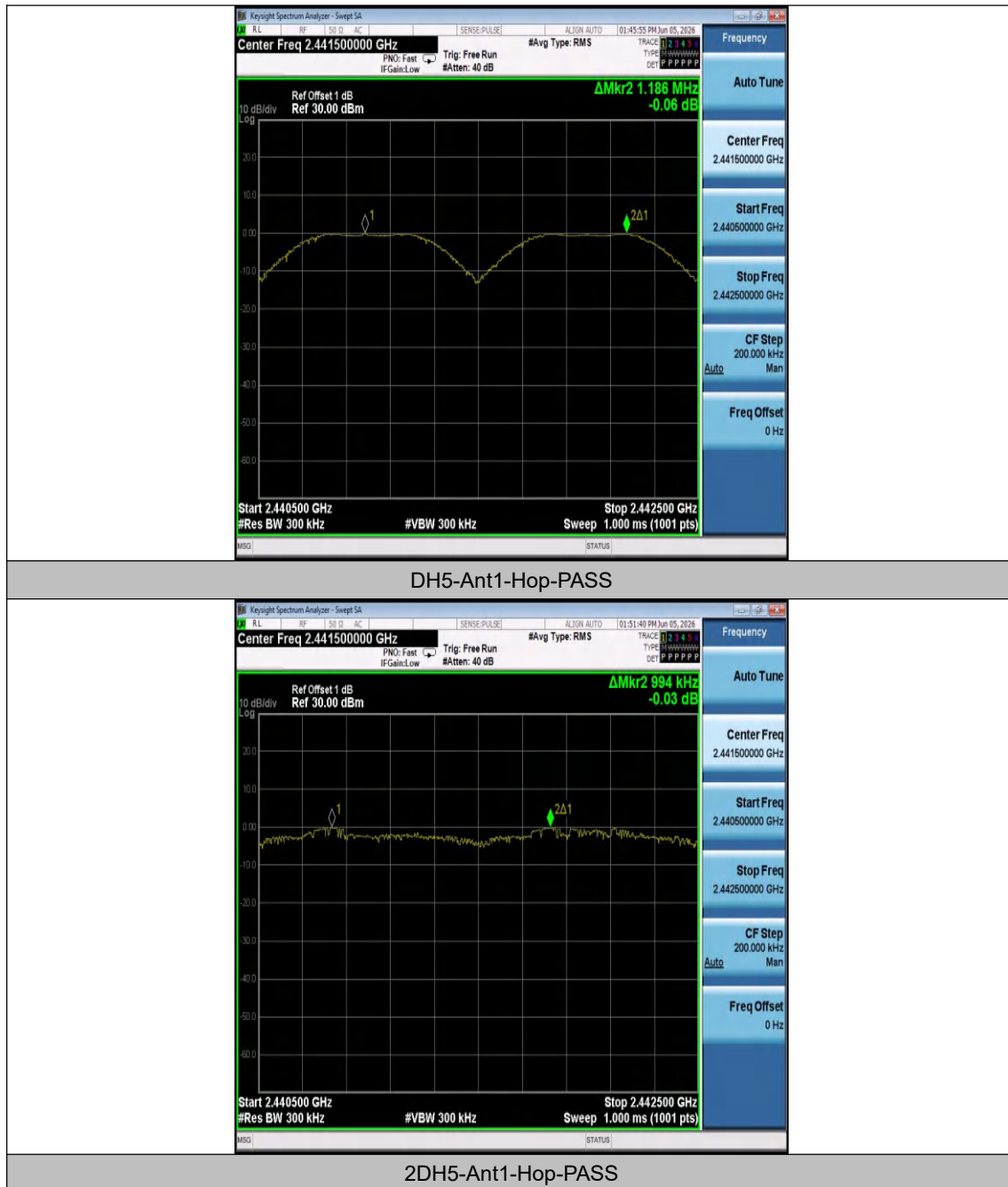
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.186	≥ 0.678	PASS
2DH5	Ant1	Hop	0.994	≥ 0.876	PASS
3DH5	Ant1	Hop	1.088	≥ 0.892	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.

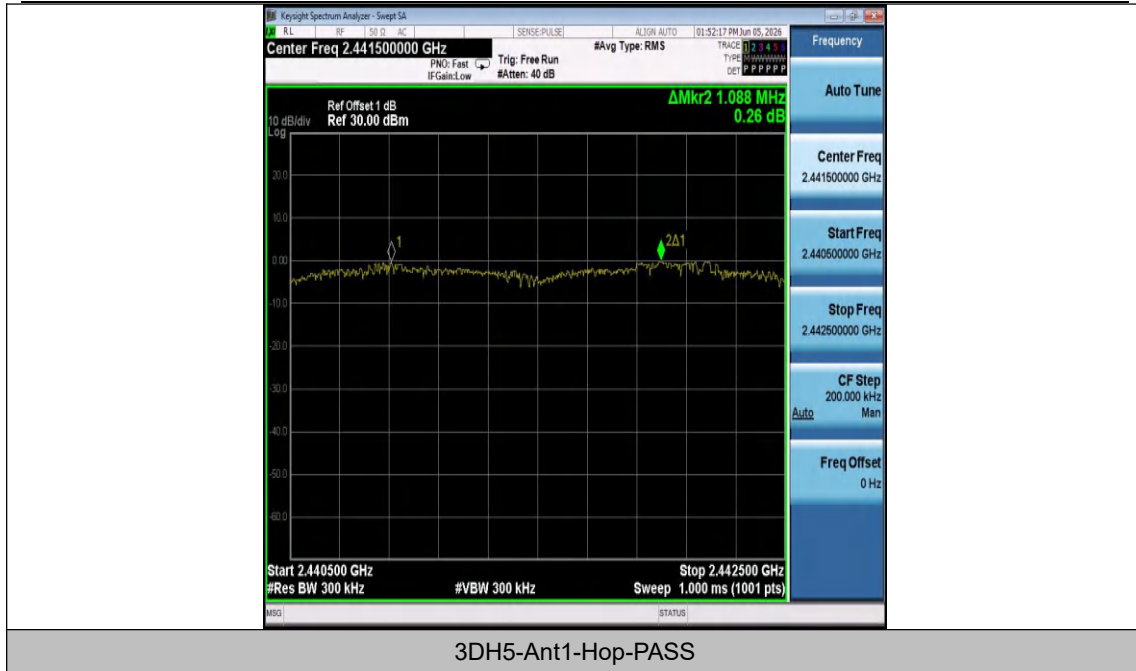
Test Graphs



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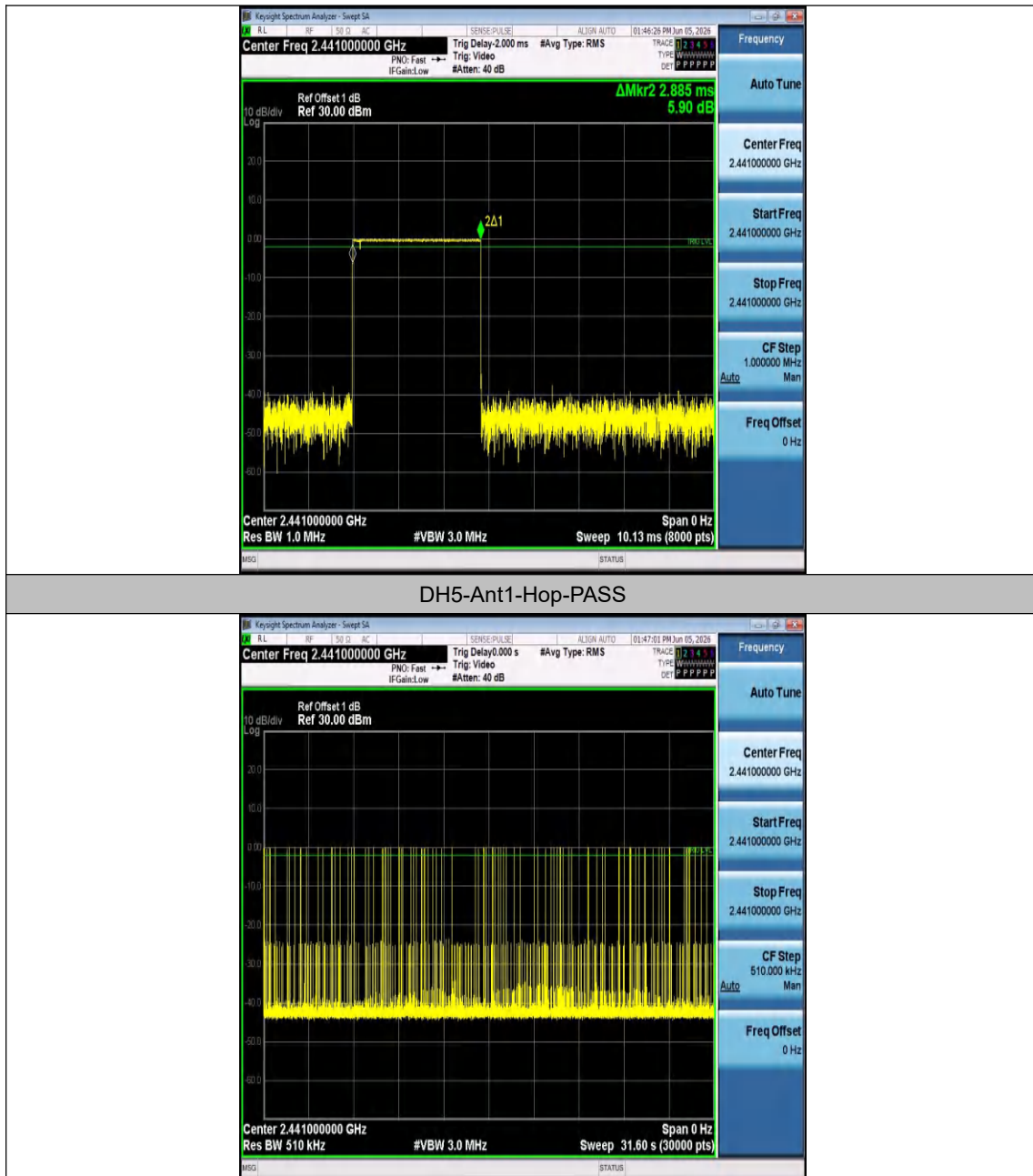
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	95	0.274	≤0.4	PASS
2DH5	Ant1	Hop	2.892	84	0.243	≤0.4	PASS
3DH5	Ant1	Hop	2.892	109	0.315	≤0.4	PASS

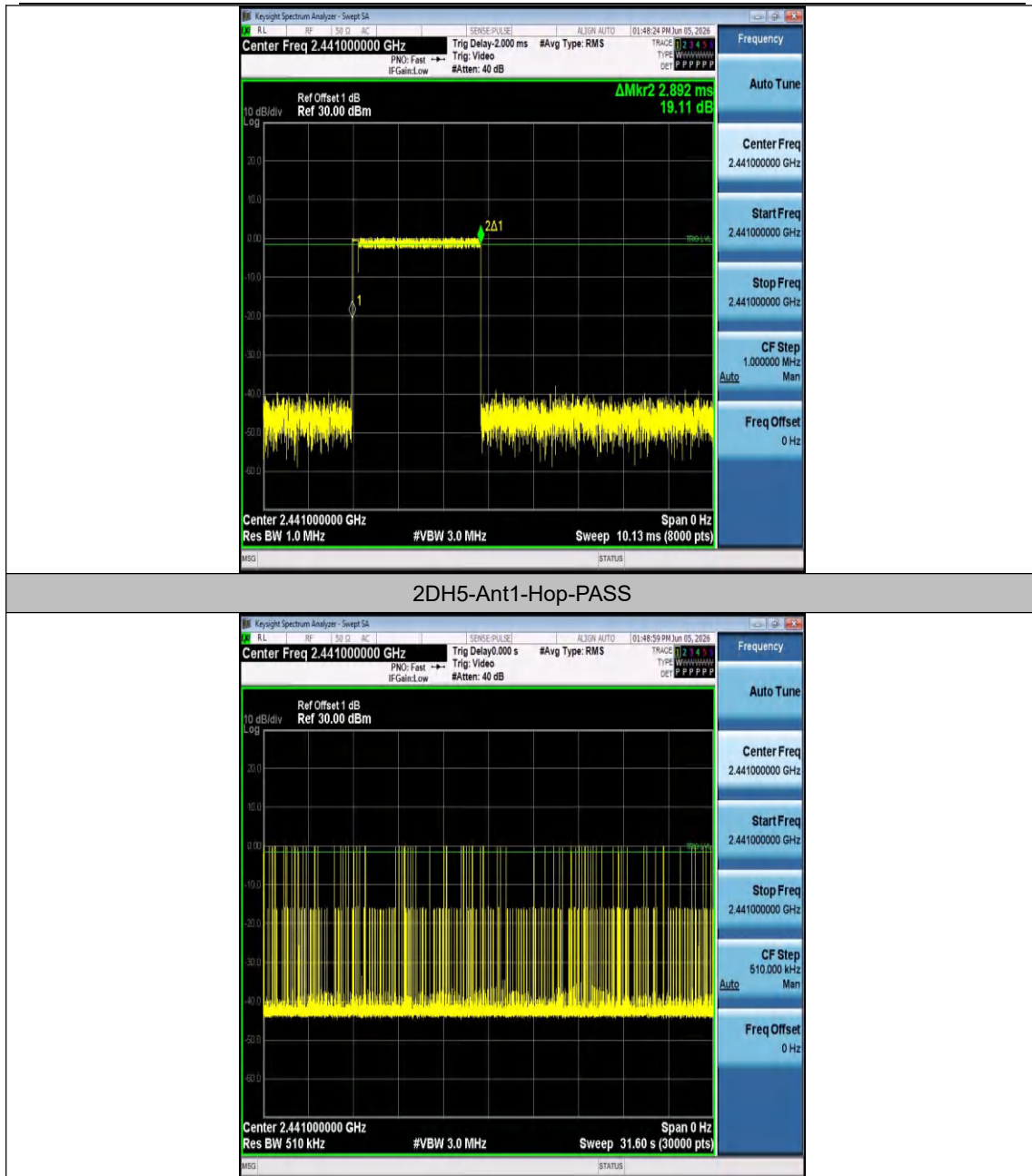
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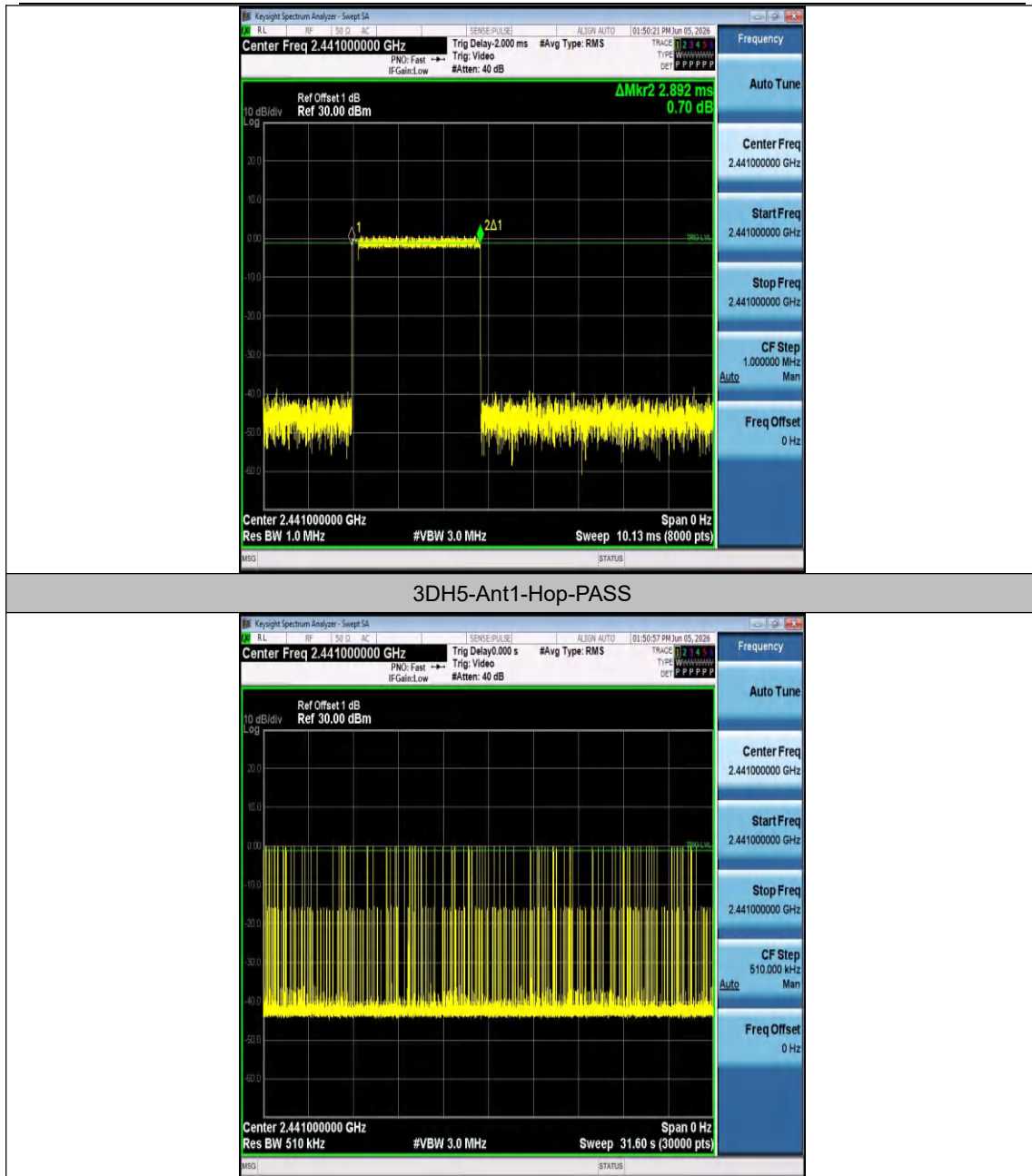
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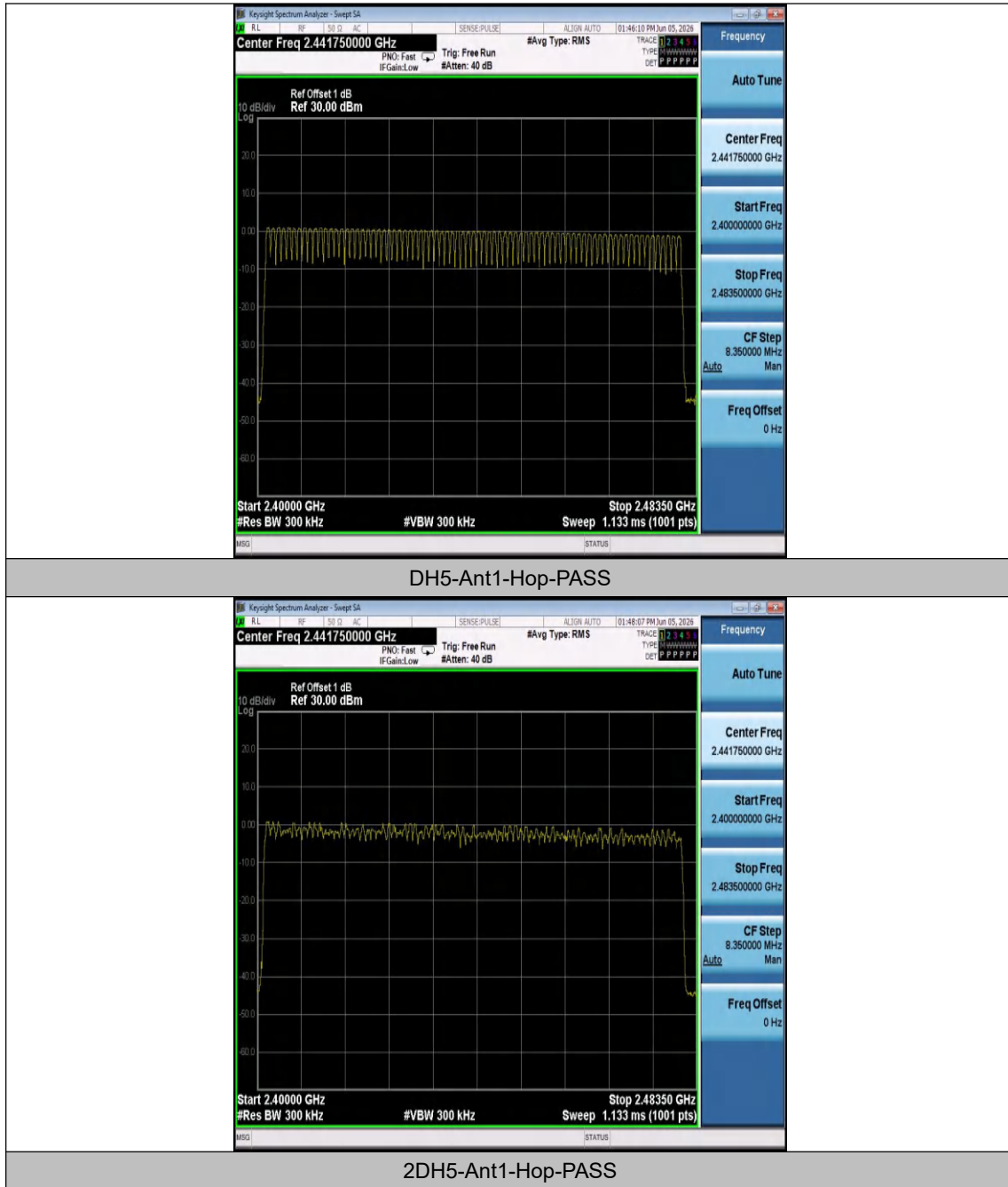
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Appendix F: Number of Hopping Channel

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

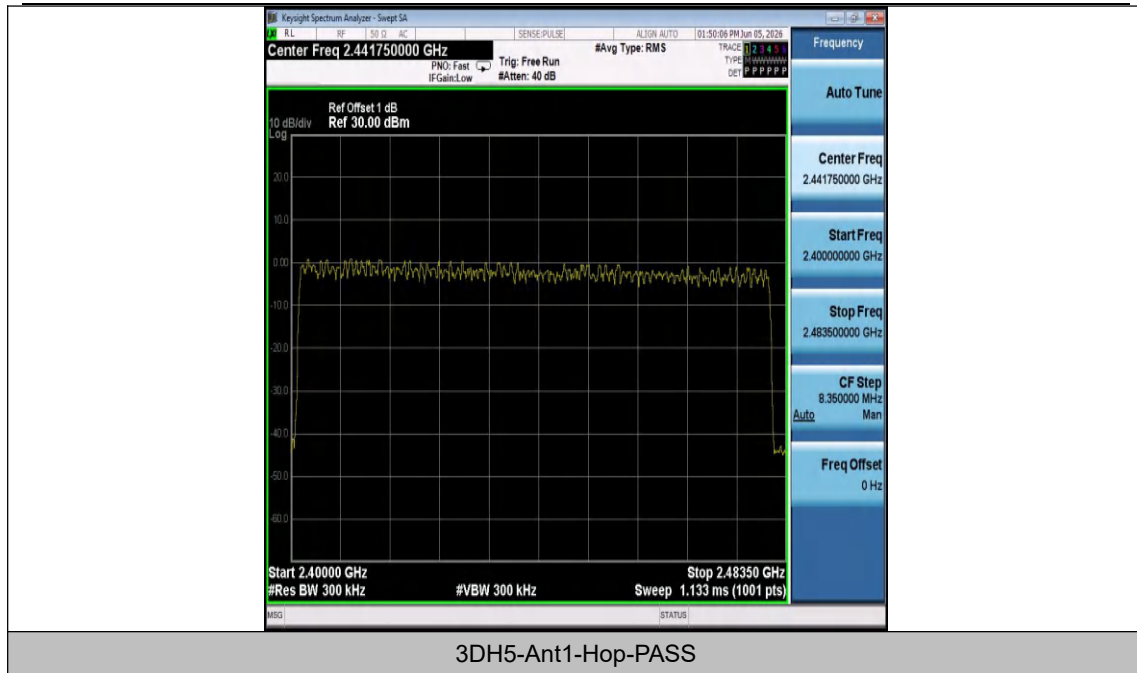
Test Graphs



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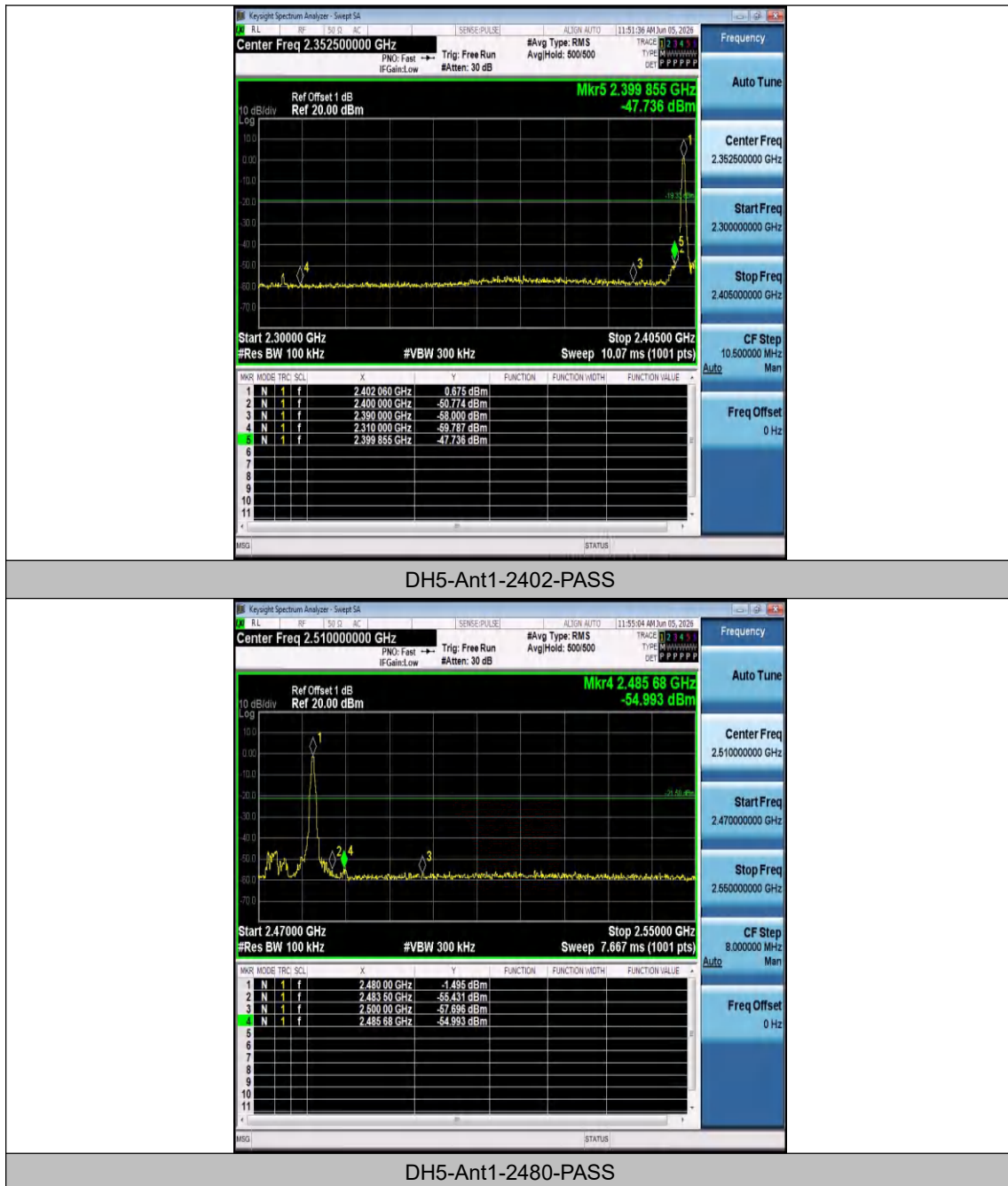
Appendix G: Conducted Band edge

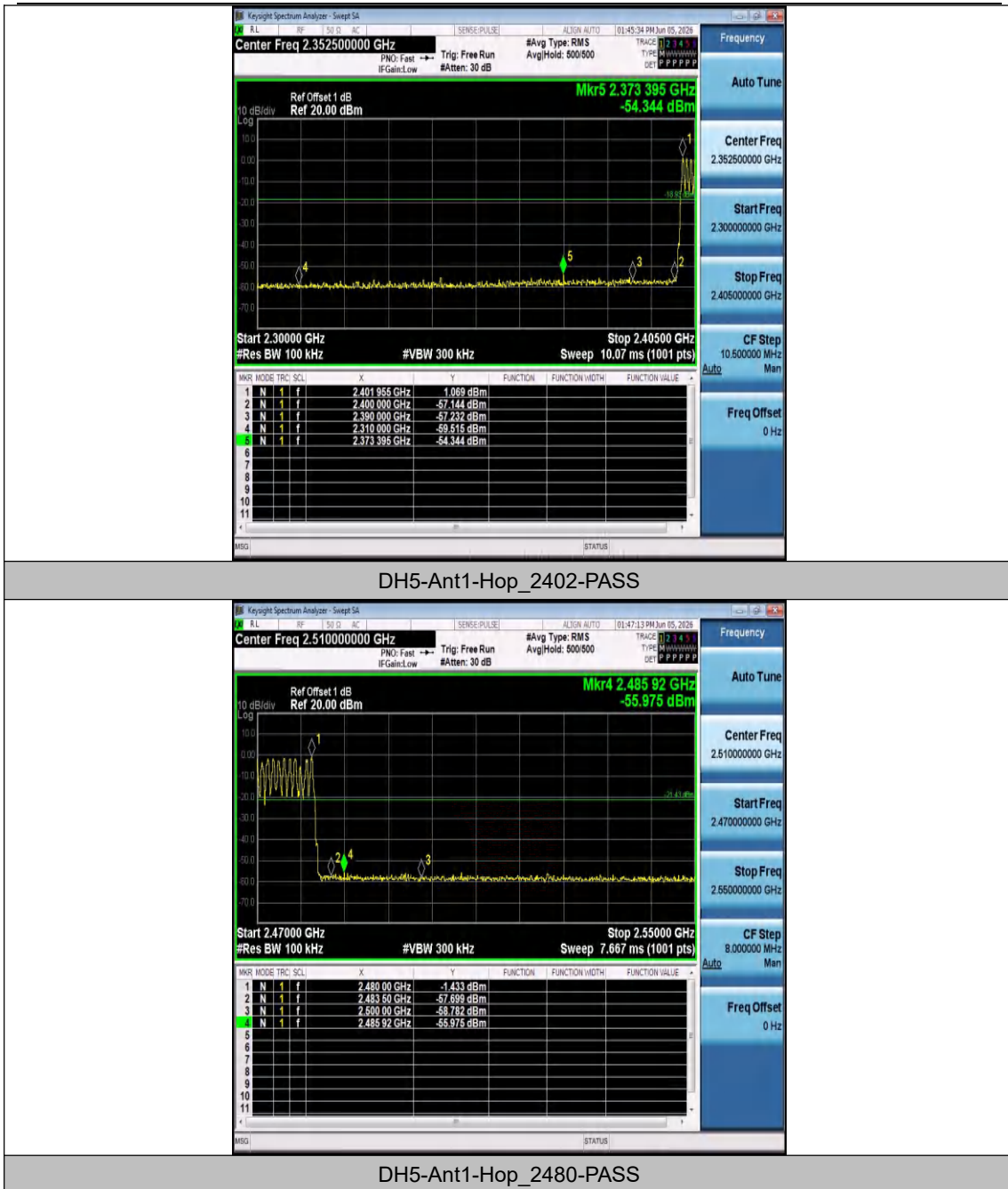
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.68	-47.74	≤-19.33	PASS
DH5	Ant1	High	2480	-1.50	-54.99	≤-21.5	PASS
DH5	Ant1	Low	Hop_2402	1.07	-54.34	≤-18.93	PASS
DH5	Ant1	High	Hop_2480	-1.43	-55.98	≤-21.43	PASS
2DH5	Ant1	Low	2402	0.94	-50.33	≤-19.06	PASS
2DH5	Ant1	High	2480	-1.41	-28.54	≤-21.41	PASS
2DH5	Ant1	Low	Hop_2402	-3.04	-55.27	≤-23.04	PASS
2DH5	Ant1	High	Hop_2480	-1.08	-53.14	≤-21.08	PASS
3DH5	Ant1	Low	2402	0.78	-51.2	≤-19.22	PASS
3DH5	Ant1	High	2480	-1.46	-55.35	≤-21.46	PASS
3DH5	Ant1	Low	Hop_2402	-1.59	-55.29	≤-21.59	PASS
3DH5	Ant1	High	Hop_2480	-3.57	-55.8	≤-23.57	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

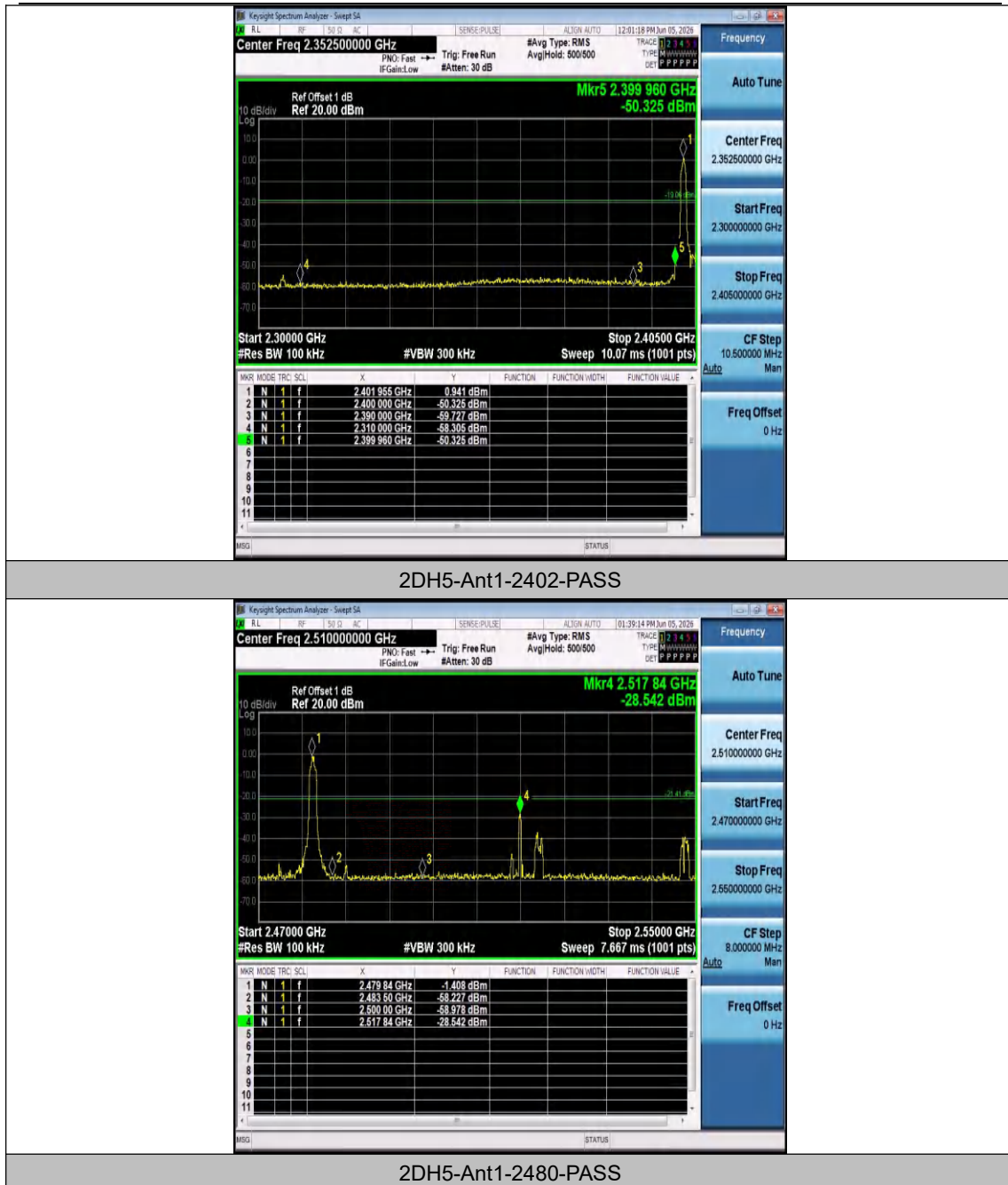


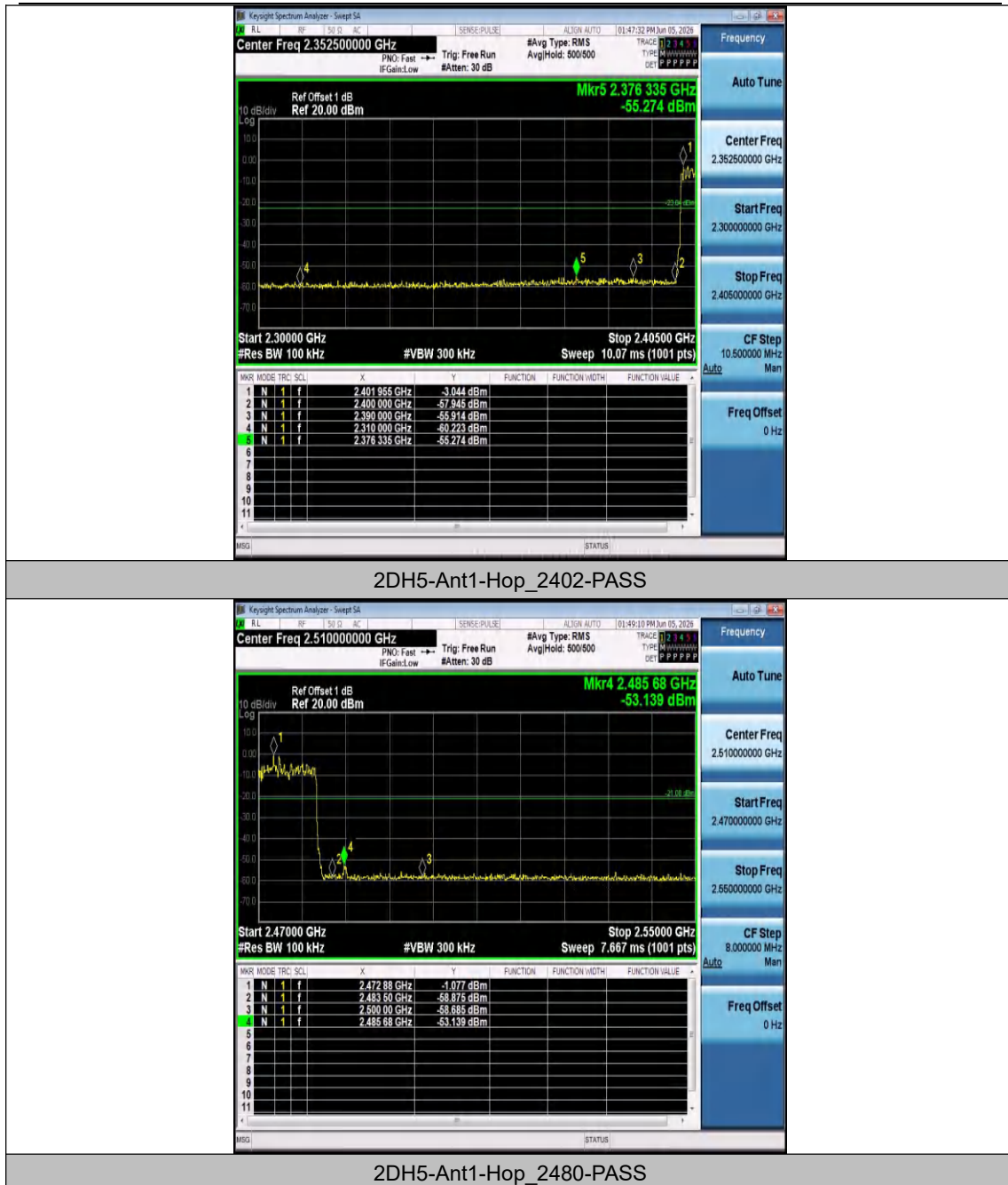


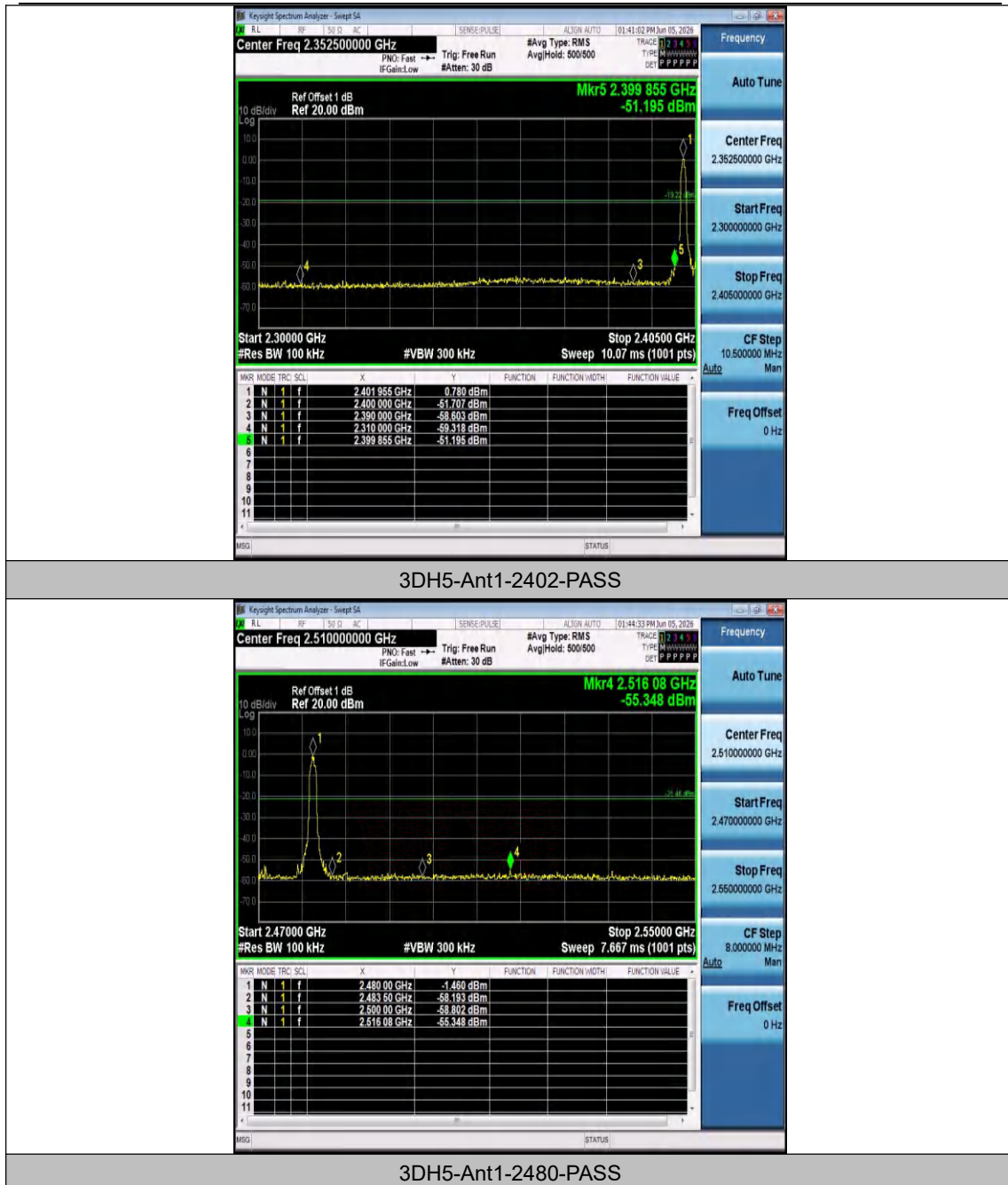
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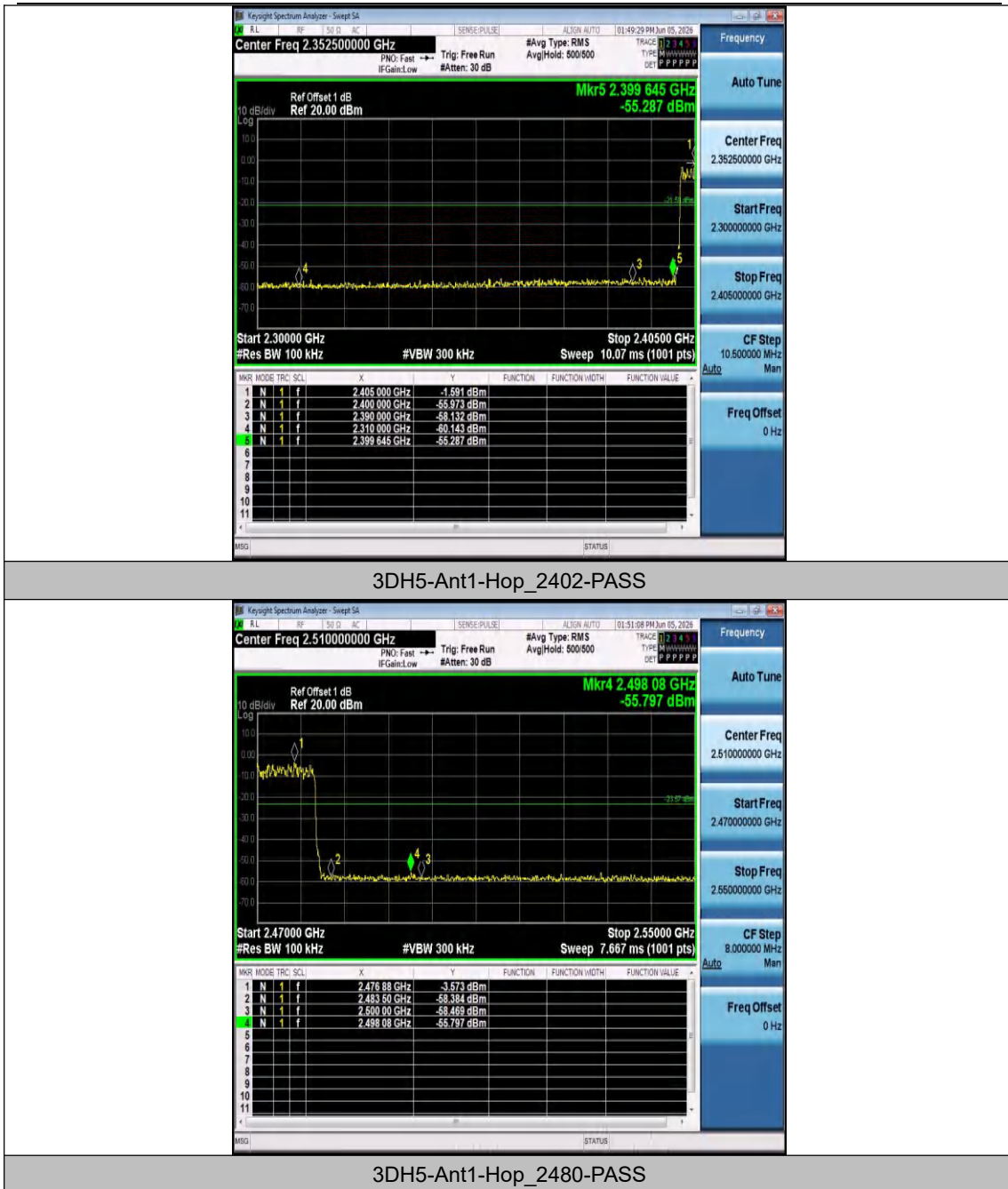
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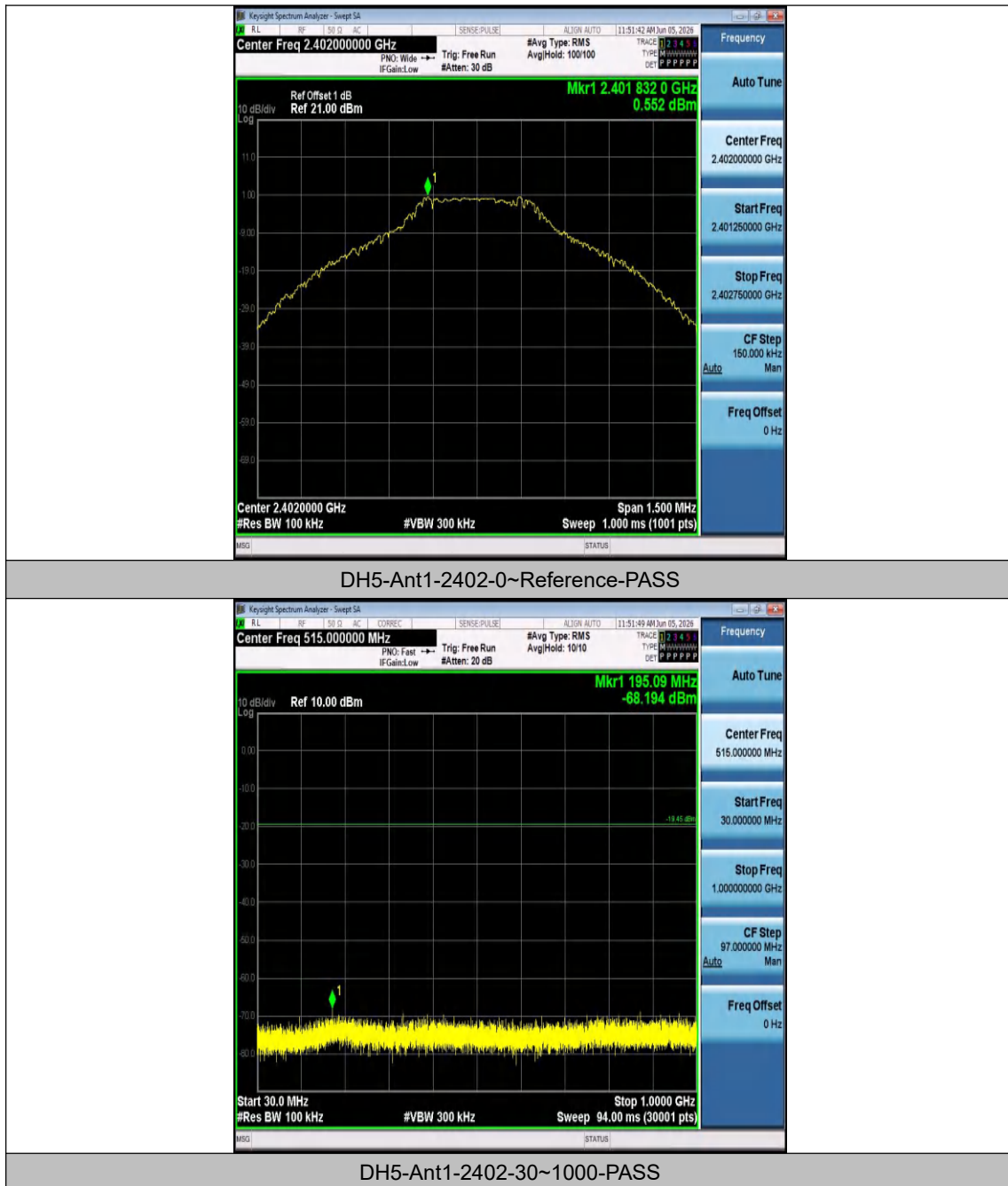
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.55	0.55	---	PASS
DH5	Ant1	2402	30~1000	0.55	-68.19	≤-19.45	PASS
DH5	Ant1	2402	1000~26500	0.55	-32.86	≤-19.45	PASS
DH5	Ant1	2441	0~Reference	-0.82	-0.82	---	PASS
DH5	Ant1	2441	30~1000	-0.82	-69.21	≤-20.82	PASS
DH5	Ant1	2441	1000~26500	-0.82	-33.42	≤-20.82	PASS
DH5	Ant1	2480	0~Reference	-1.66	-1.66	---	PASS
DH5	Ant1	2480	30~1000	-1.66	-68.45	≤-21.66	PASS
DH5	Ant1	2480	1000~26500	-1.66	-34.8	≤-21.66	PASS
2DH5	Ant1	2402	0~Reference	0.75	0.75	---	PASS
2DH5	Ant1	2402	30~1000	0.75	-69.03	≤-19.25	PASS
2DH5	Ant1	2402	1000~26500	0.75	-32.76	≤-19.25	PASS
2DH5	Ant1	2441	0~Reference	-0.43	-0.43	---	PASS
2DH5	Ant1	2441	30~1000	-0.43	-68.44	≤-20.43	PASS
2DH5	Ant1	2441	1000~26500	-0.43	-32.87	≤-20.43	PASS
2DH5	Ant1	2480	0~Reference	-2.12	-2.12	---	PASS
2DH5	Ant1	2480	30~1000	-2.12	-67.89	≤-22.12	PASS
2DH5	Ant1	2480	1000~26500	-2.12	-34.85	≤-22.12	PASS
3DH5	Ant1	2402	0~Reference	0.08	0.08	---	PASS
3DH5	Ant1	2402	30~1000	0.08	-68.59	≤-19.92	PASS
3DH5	Ant1	2402	1000~26500	0.08	-33.06	≤-19.92	PASS
3DH5	Ant1	2441	0~Reference	-0.73	-0.73	---	PASS
3DH5	Ant1	2441	30~1000	-0.73	-68.85	≤-20.73	PASS
3DH5	Ant1	2441	1000~26500	-0.73	-33.19	≤-20.73	PASS
3DH5	Ant1	2480	0~Reference	-1.57	-1.57	---	PASS
3DH5	Ant1	2480	30~1000	-1.57	-68.02	≤-21.57	PASS
3DH5	Ant1	2480	1000~26500	-1.57	-35.01	≤-21.57	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.

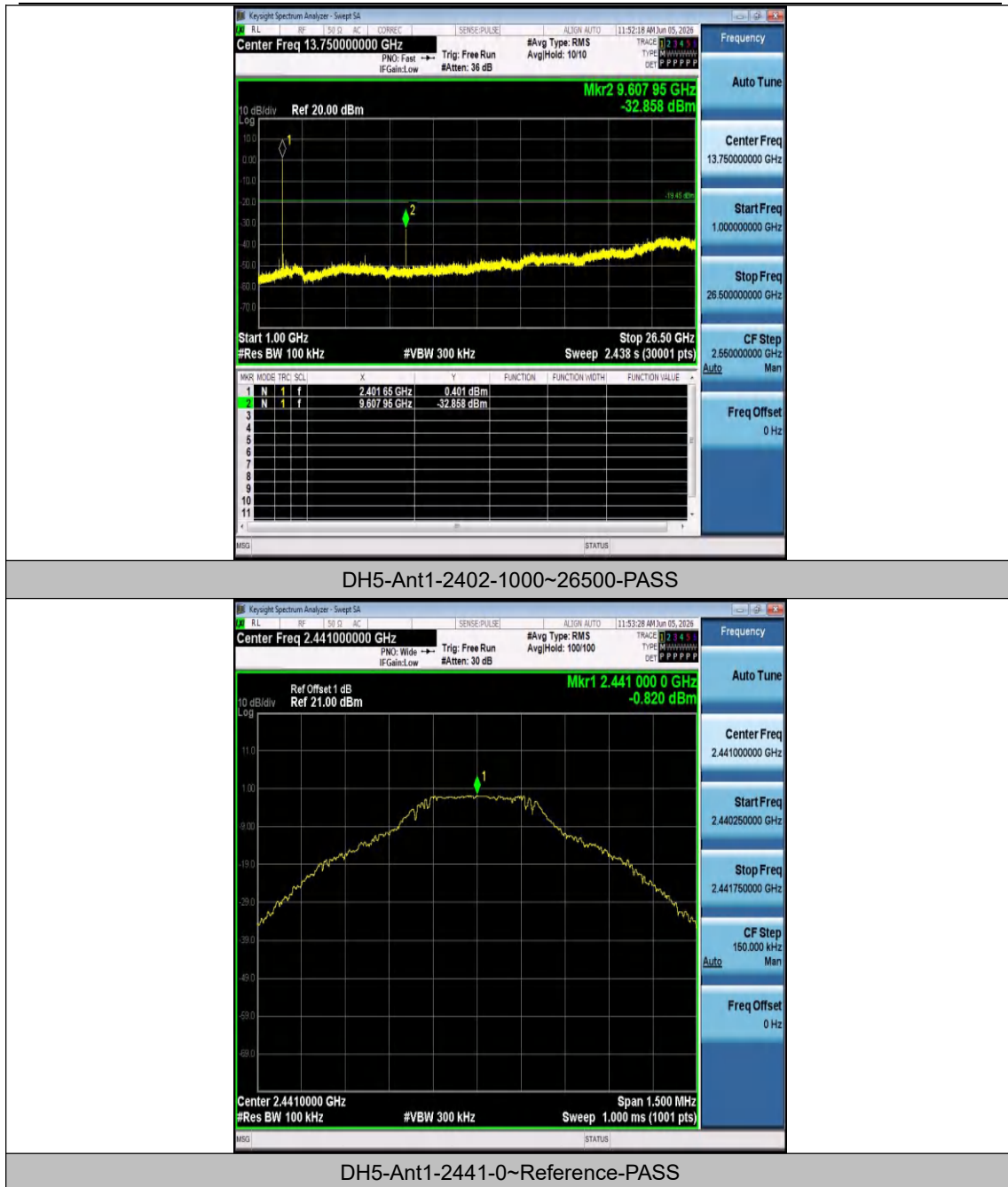
Test Graphs



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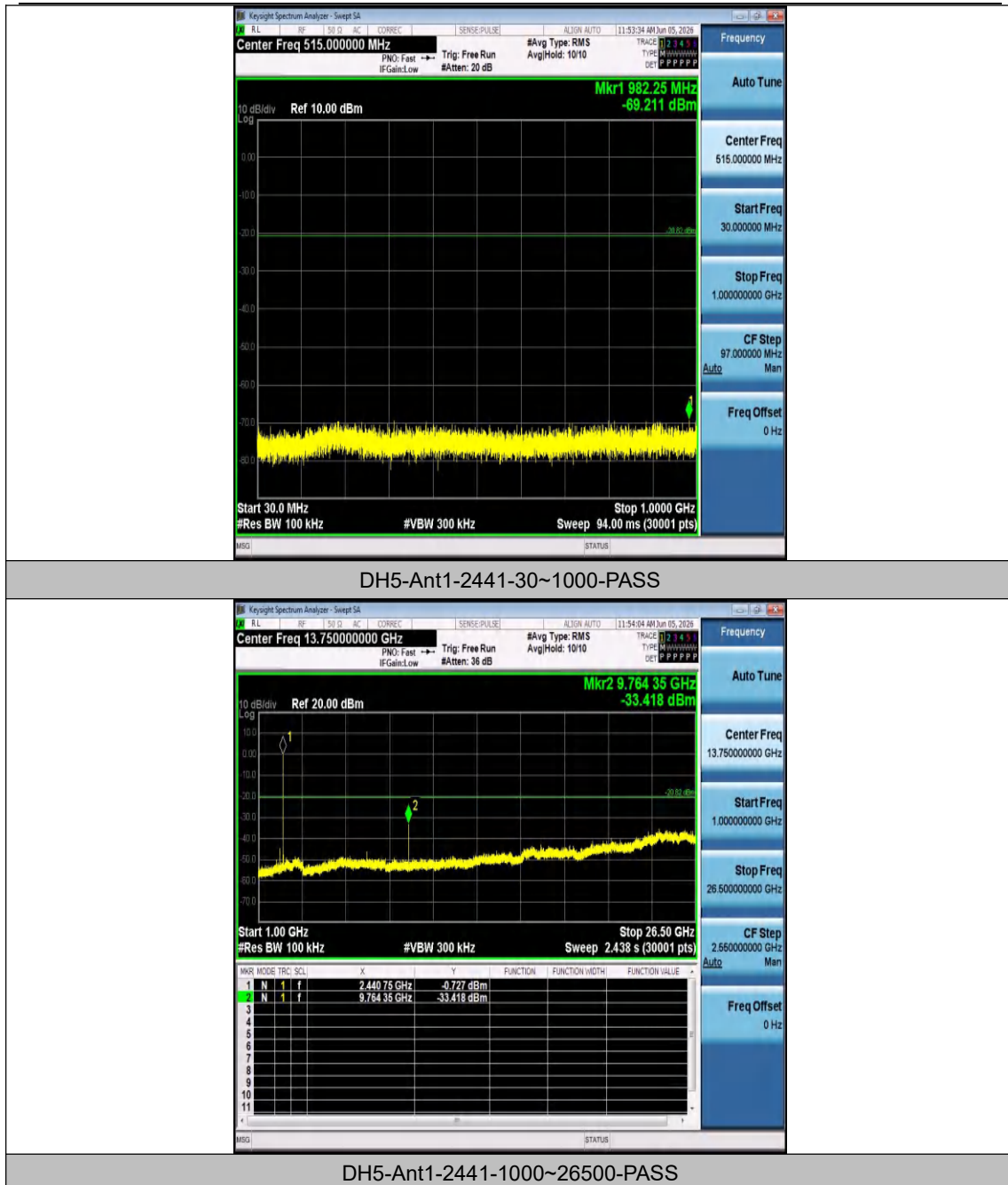
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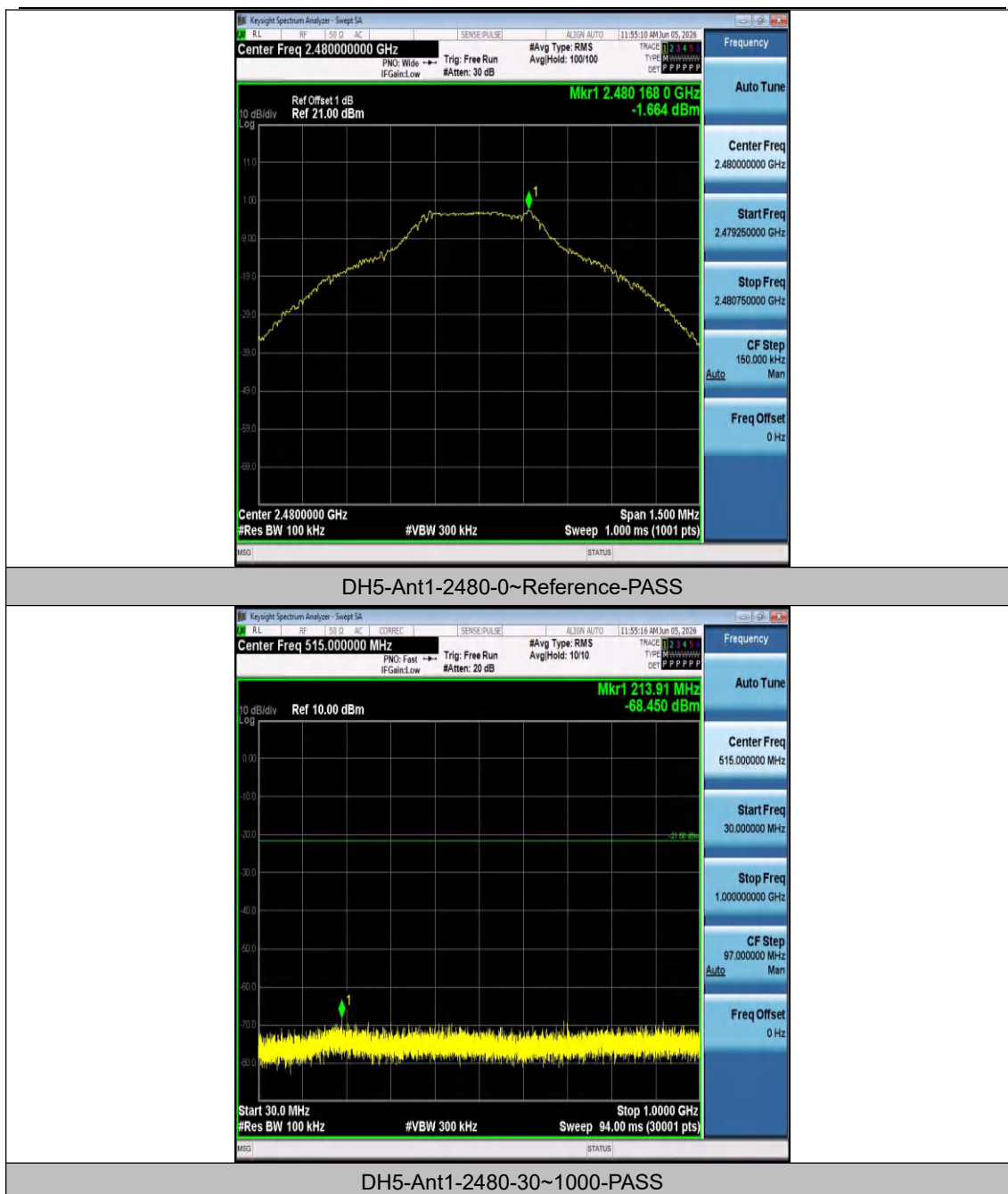
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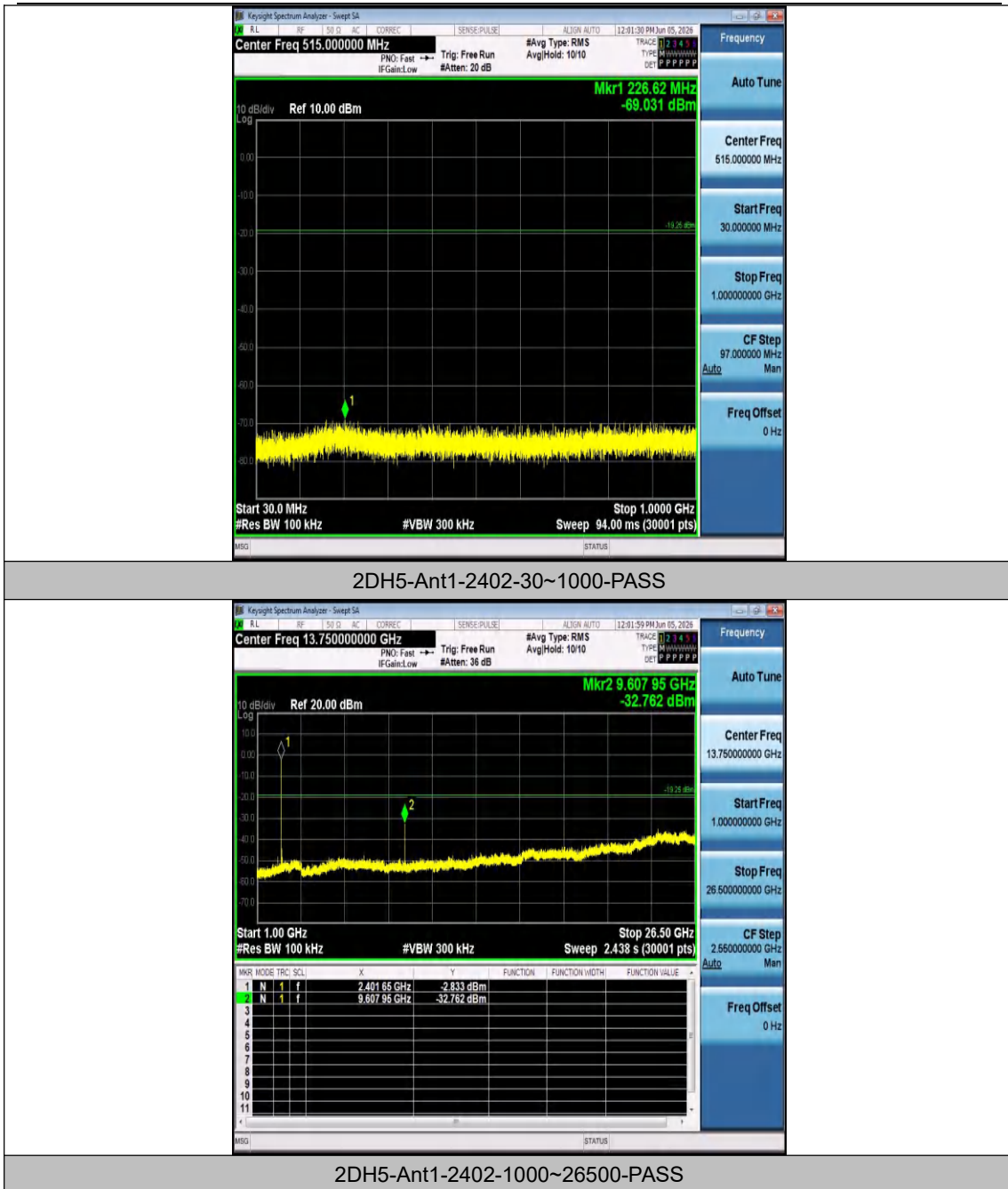
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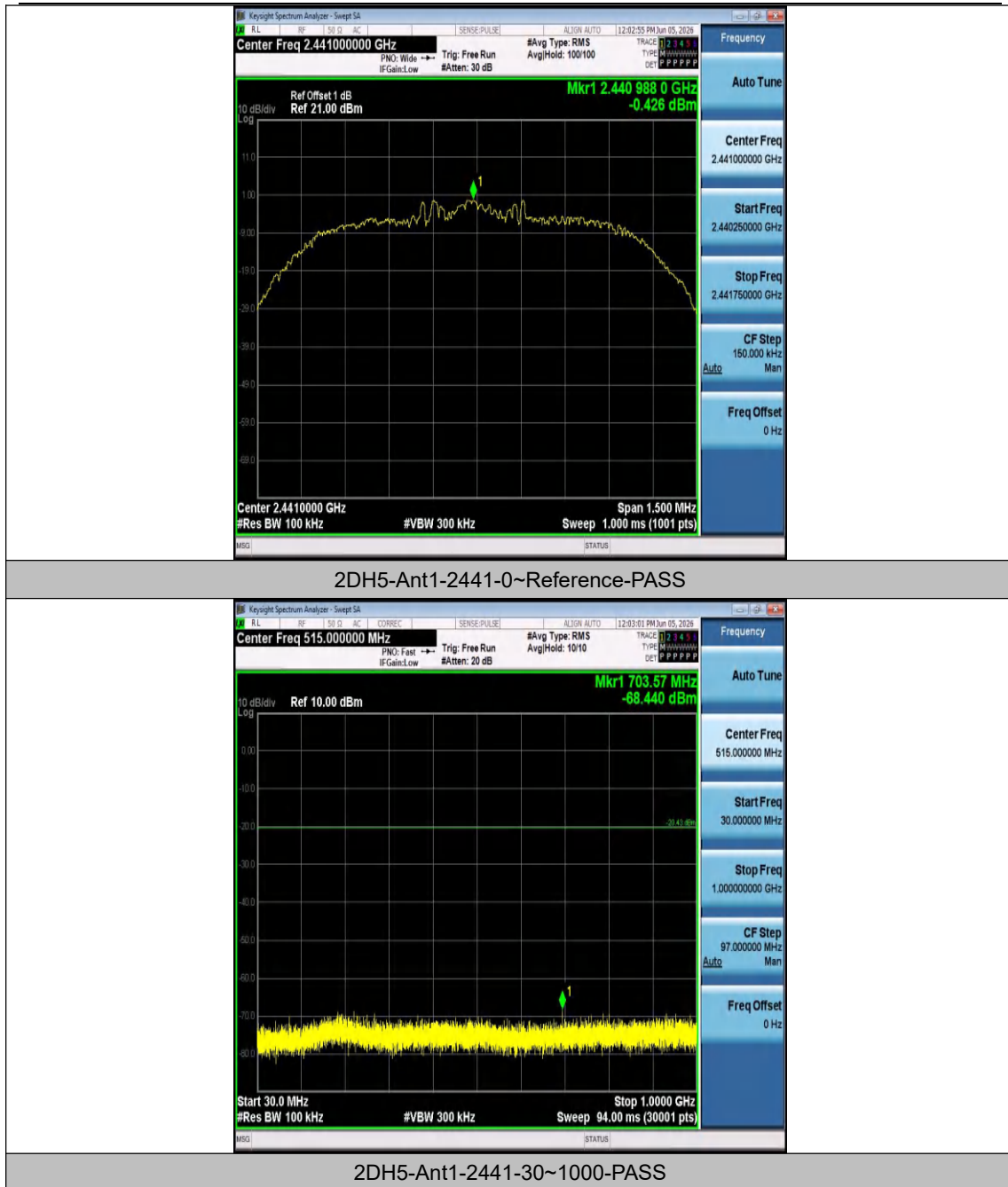
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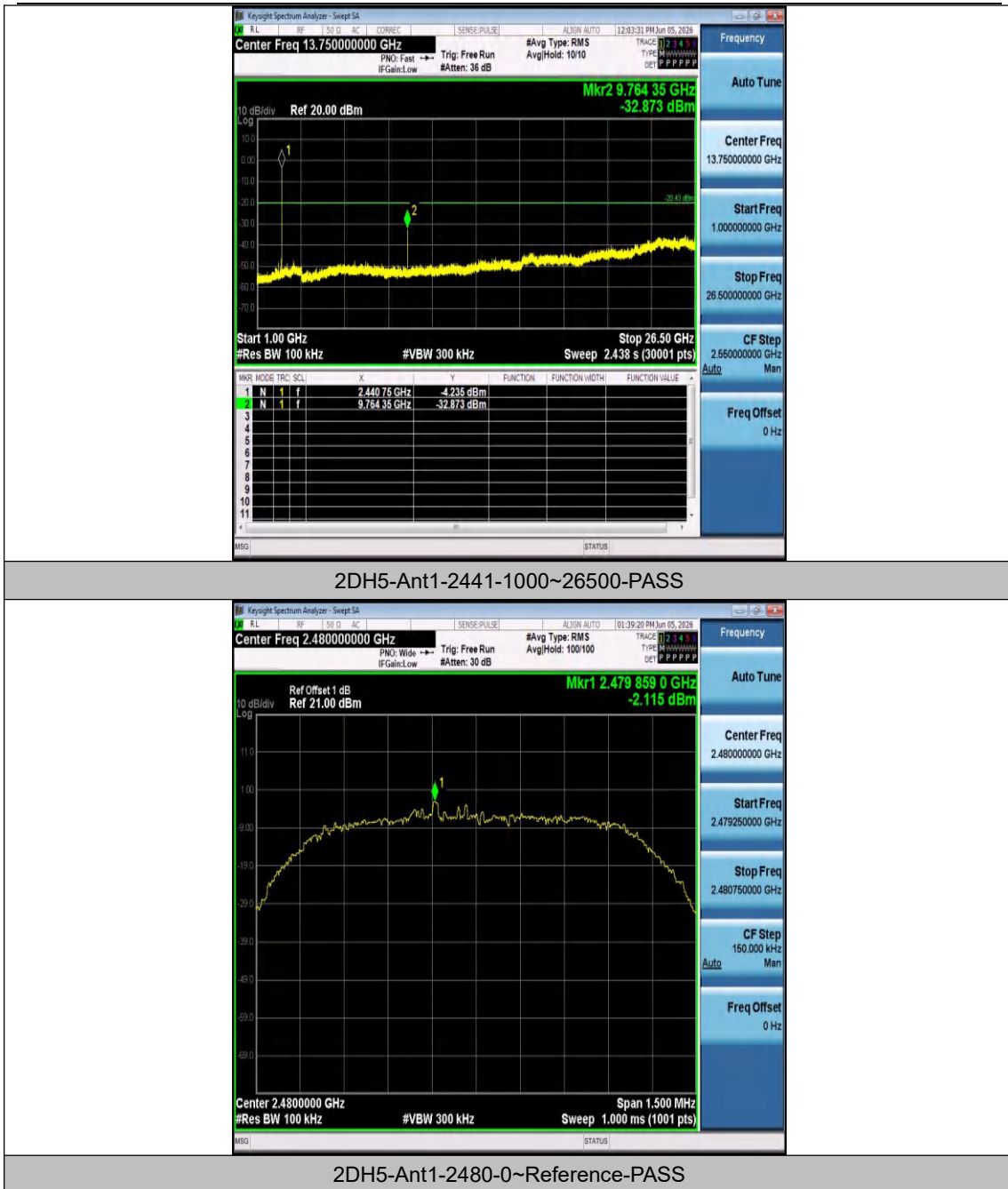
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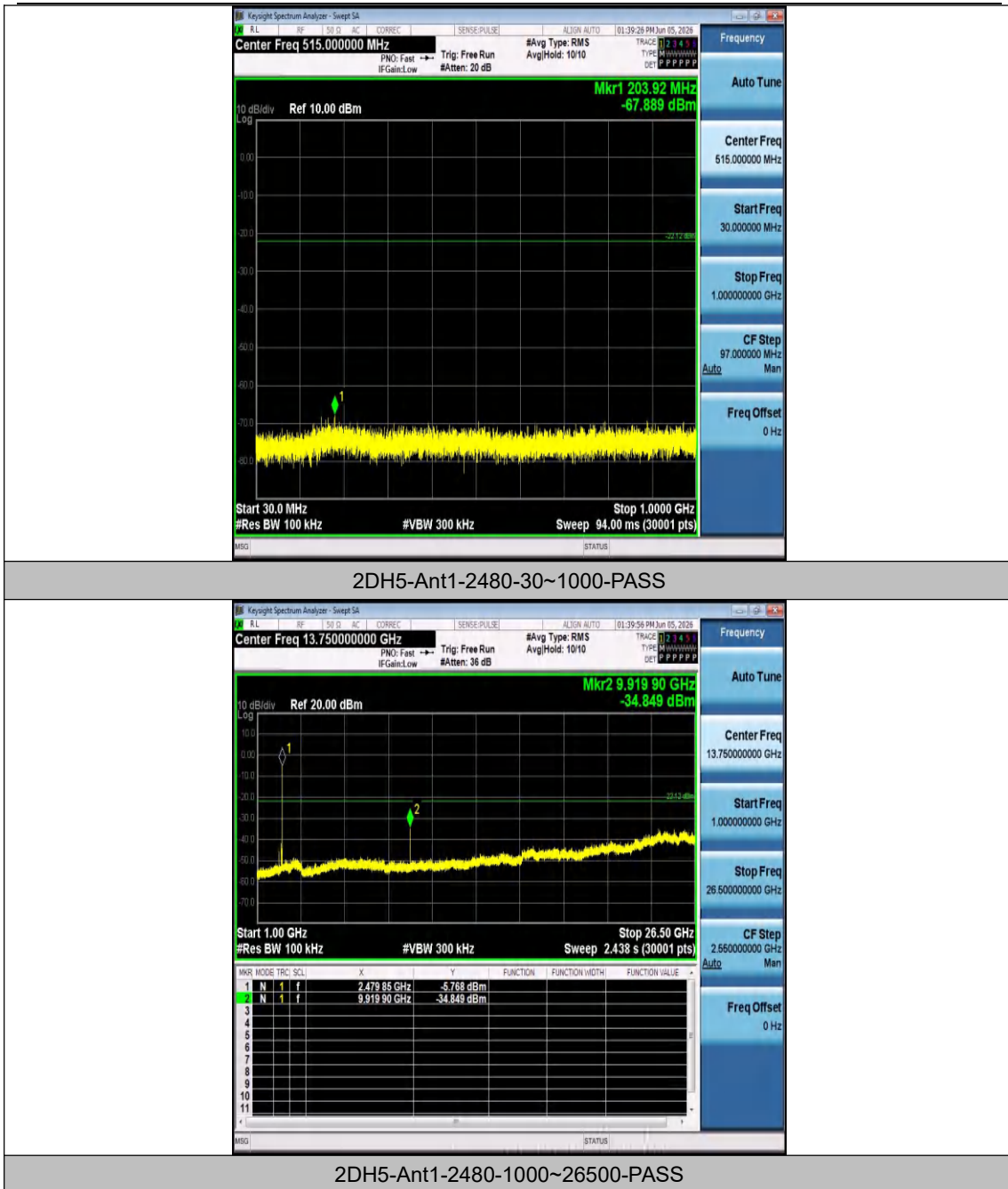
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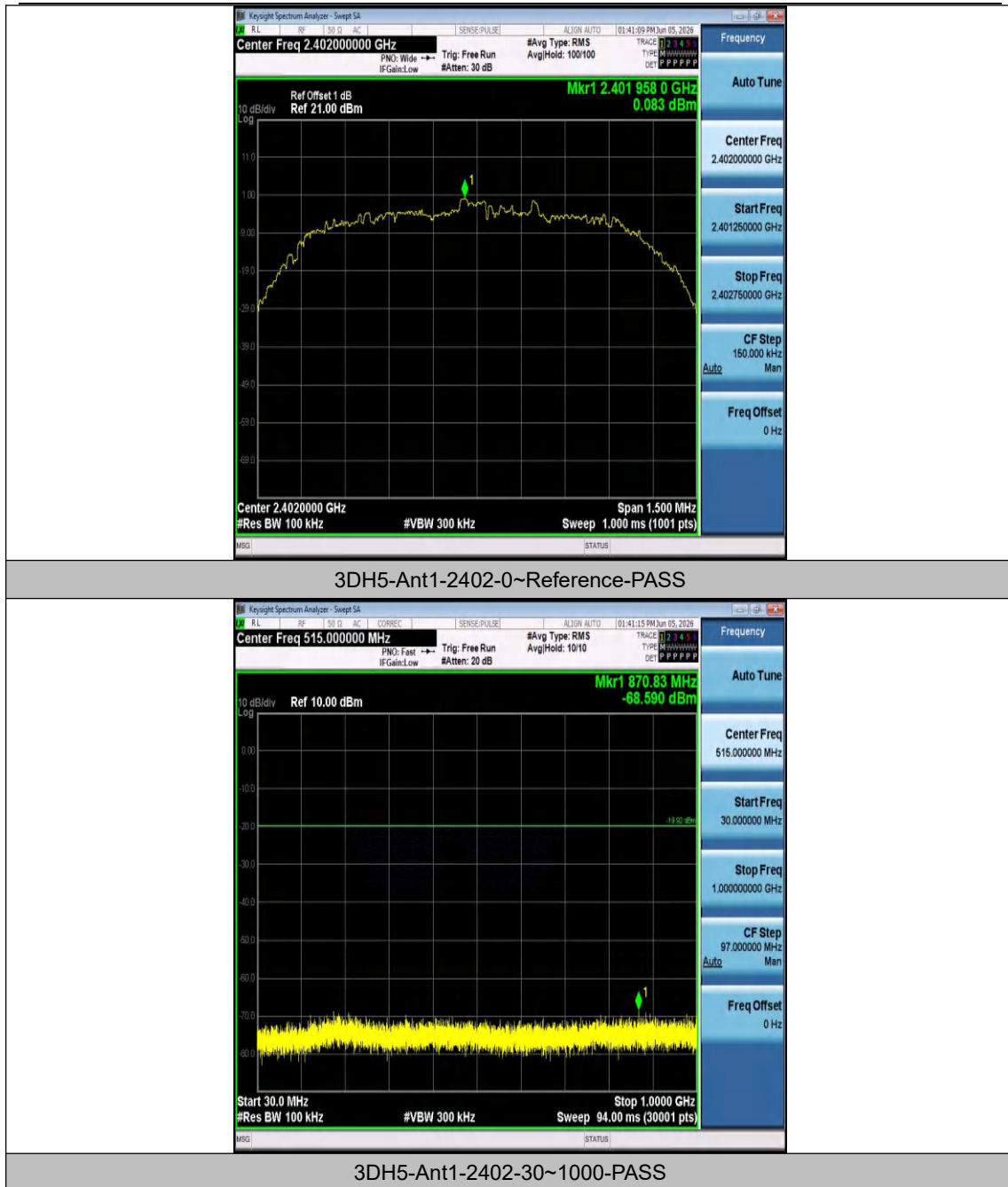
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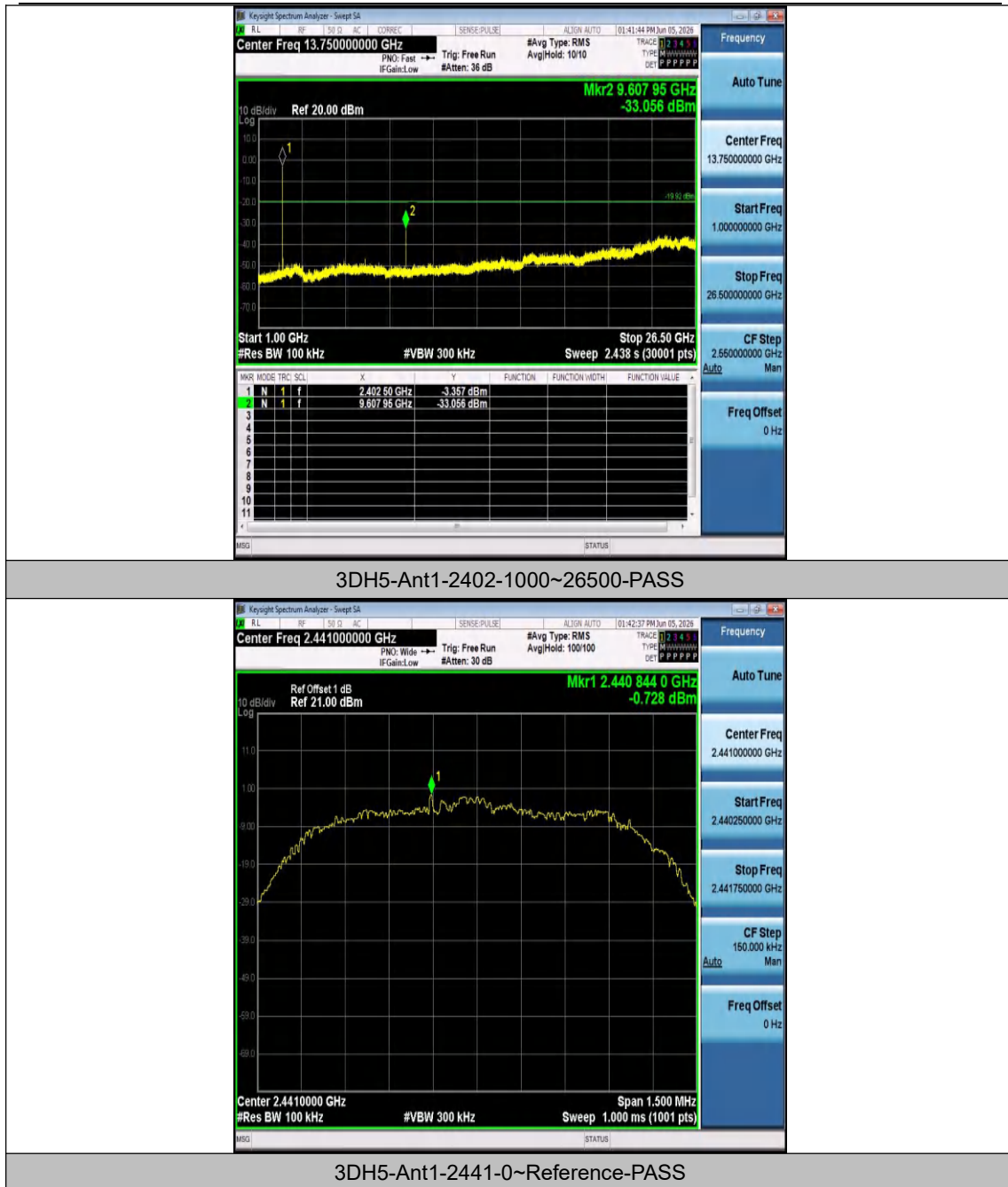
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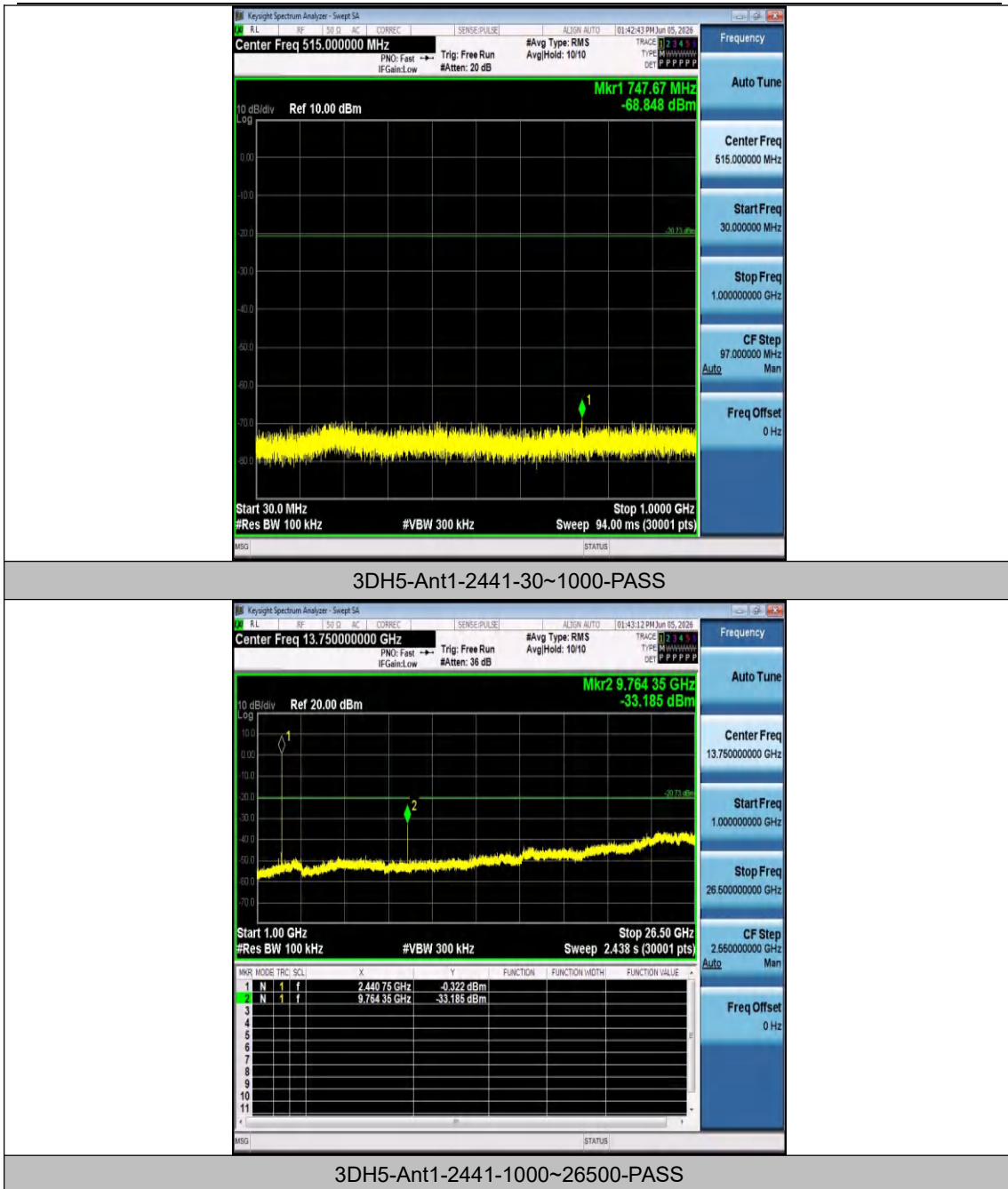
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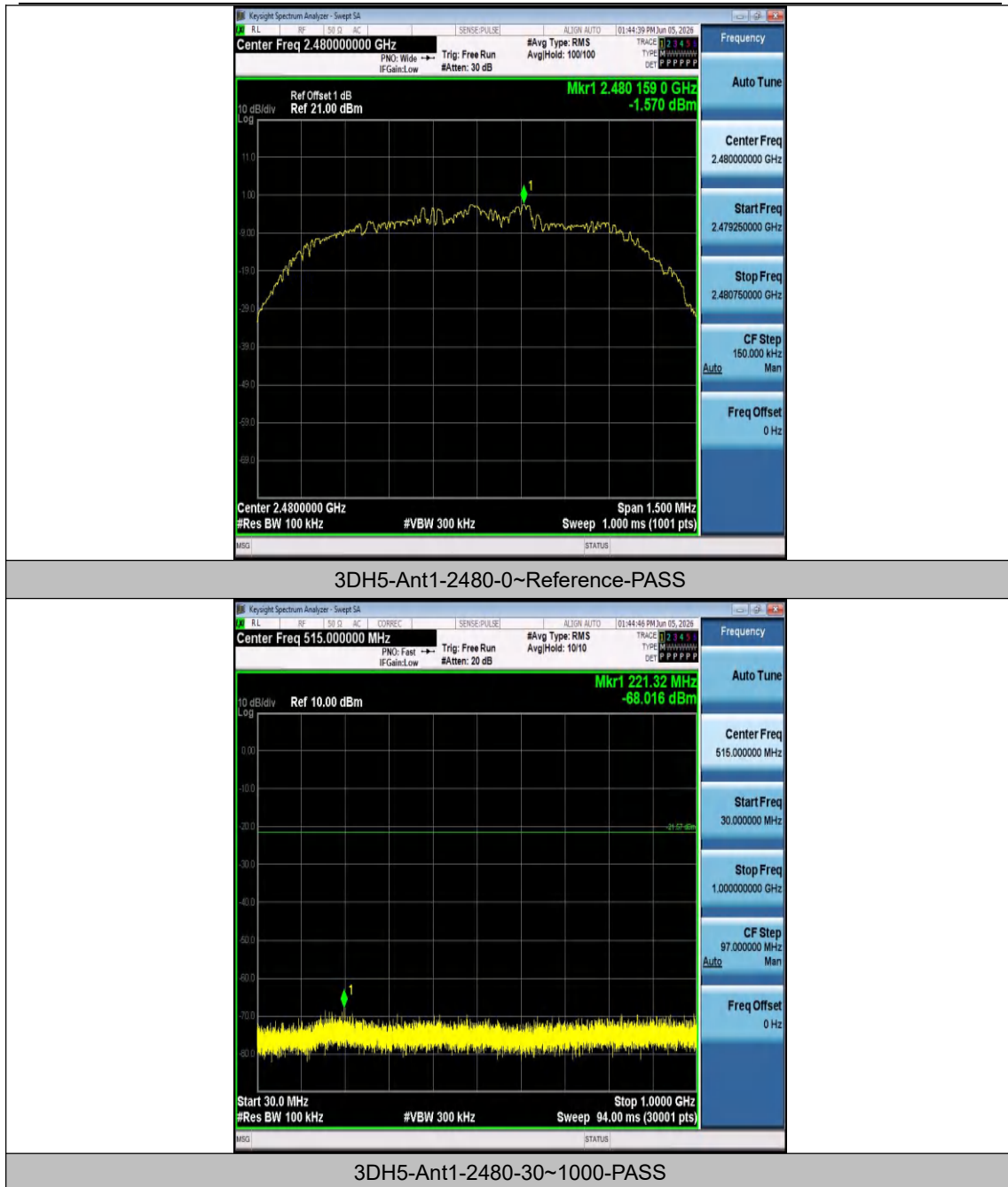
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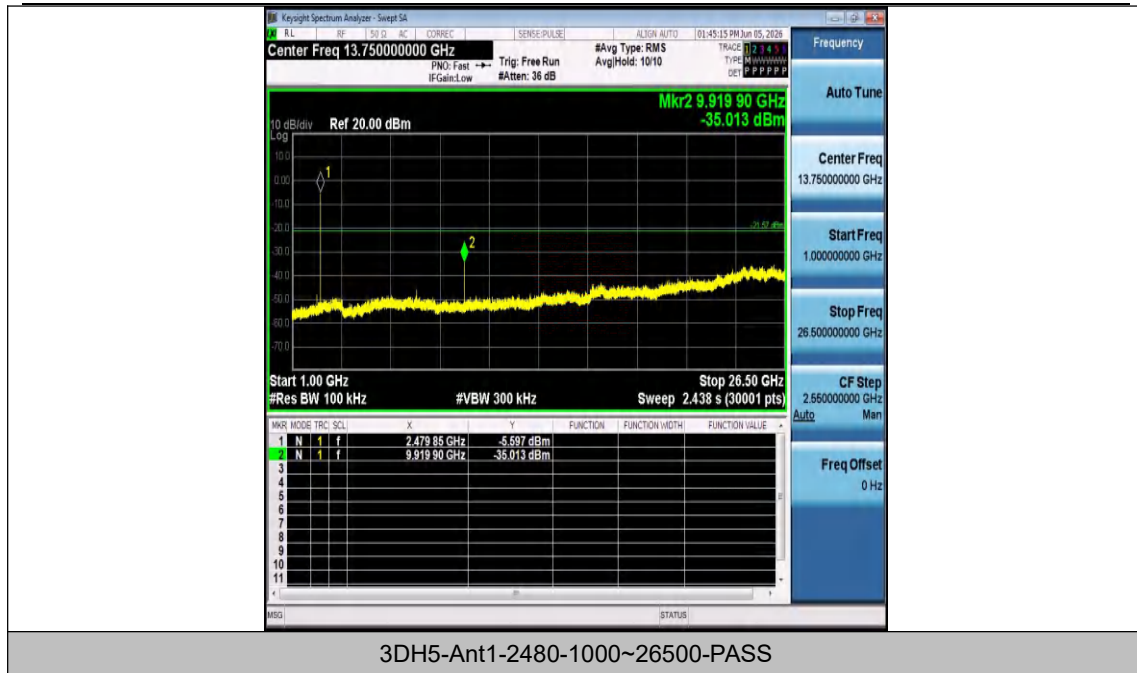
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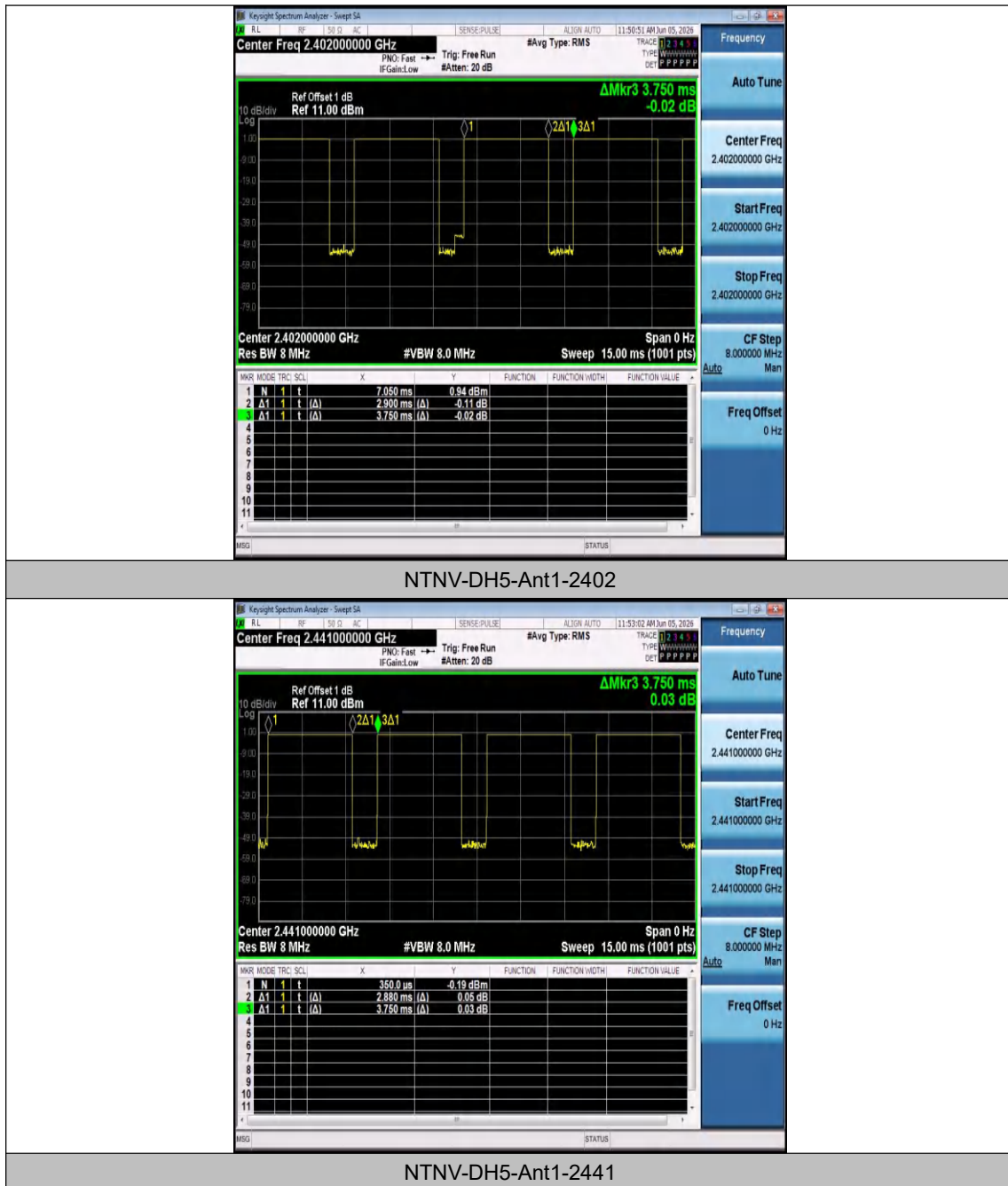
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.90	3.75	77.33	1.12
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
3DH5	Ant1	2441	2.90	3.75	77.33	1.12
3DH5	Ant1	2480	2.89	3.75	77.07	1.13

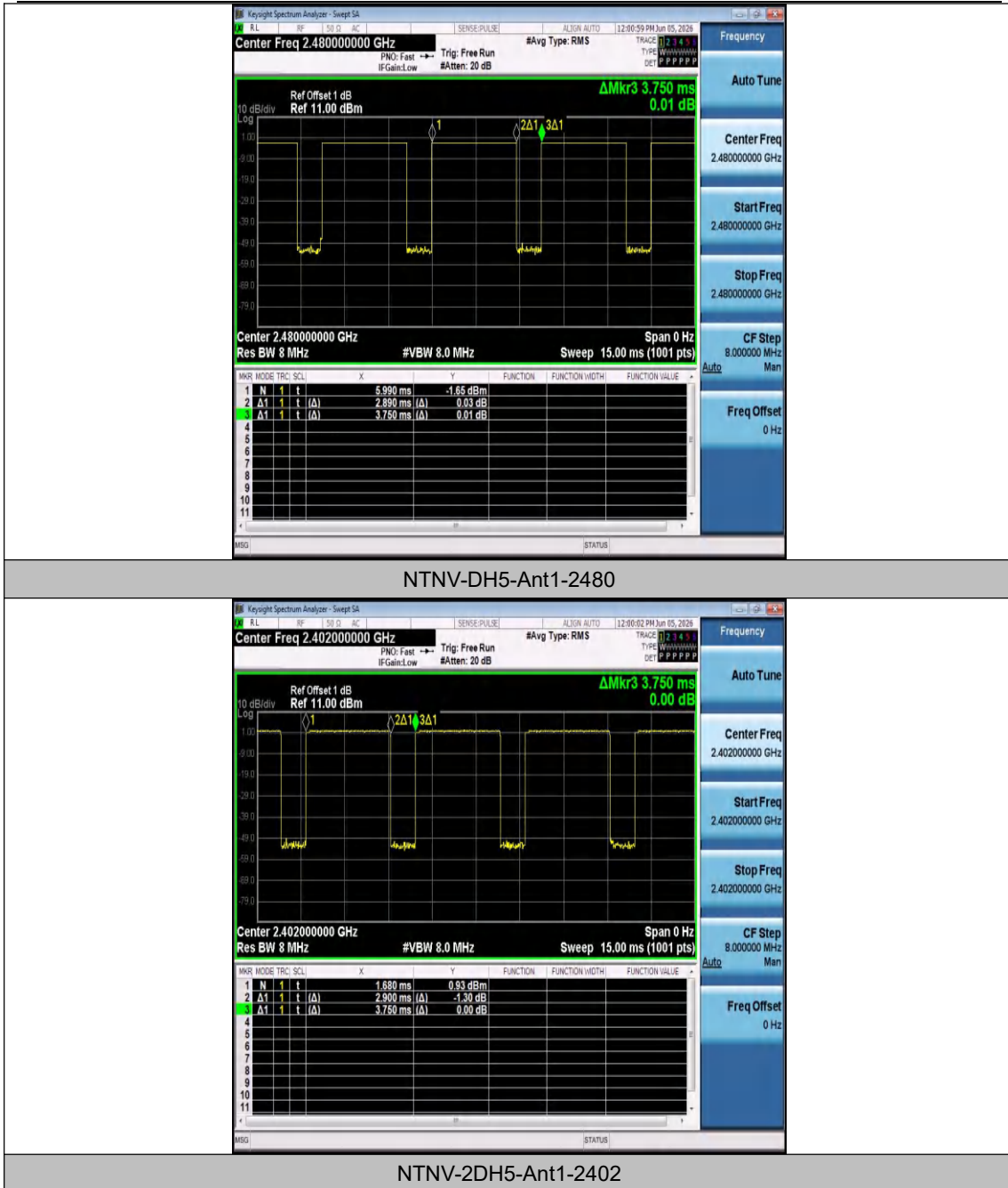
Test Graphs

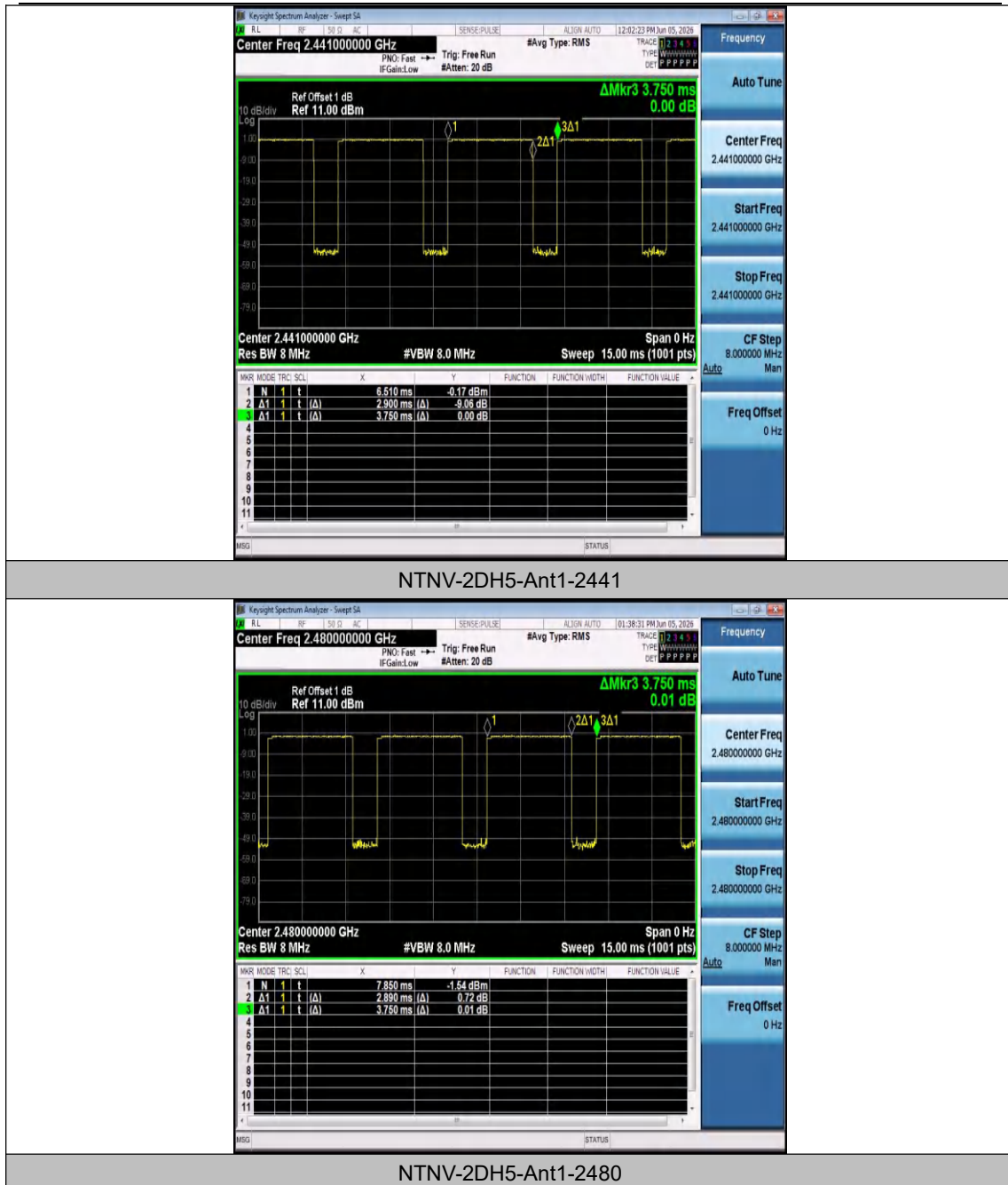


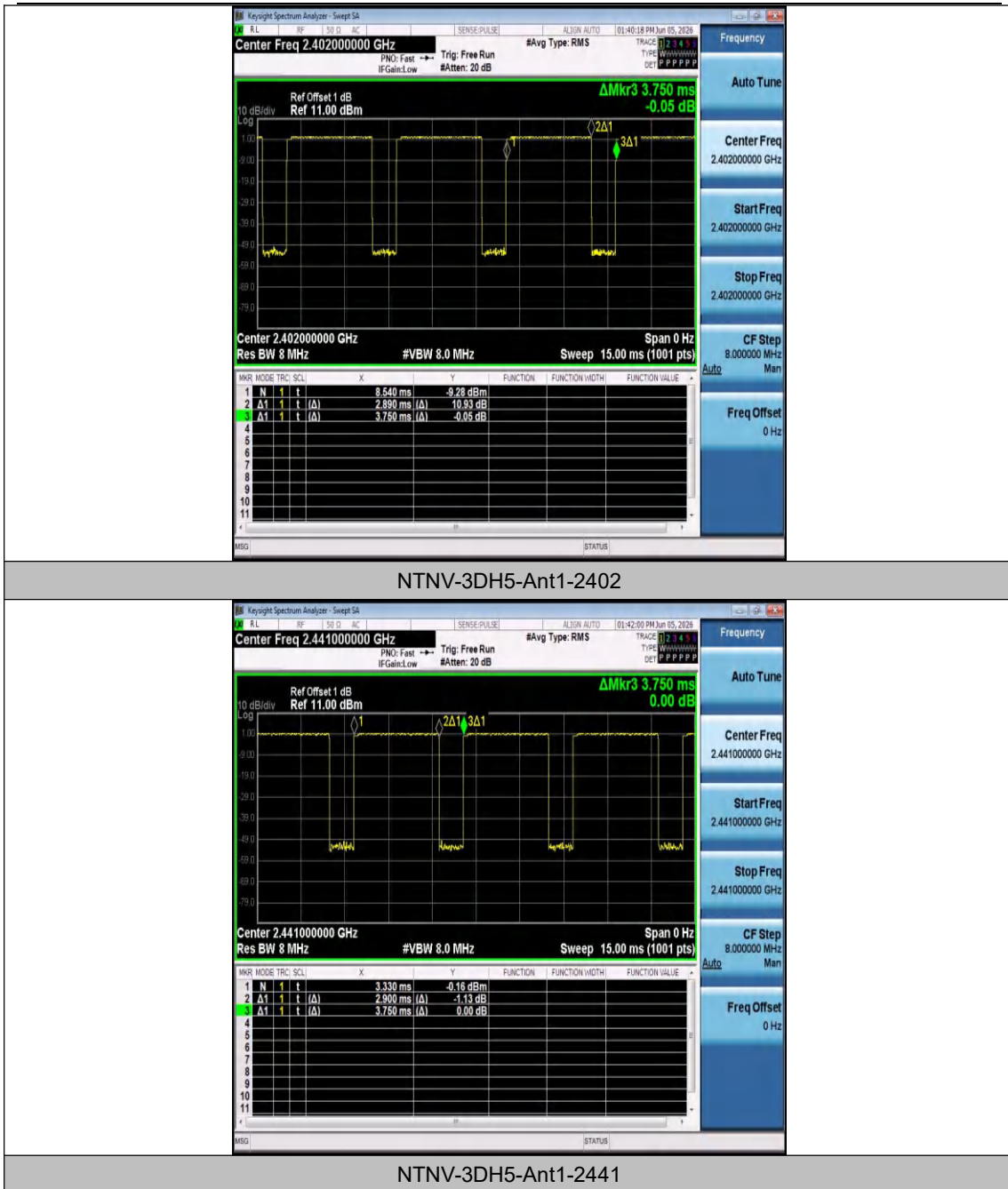
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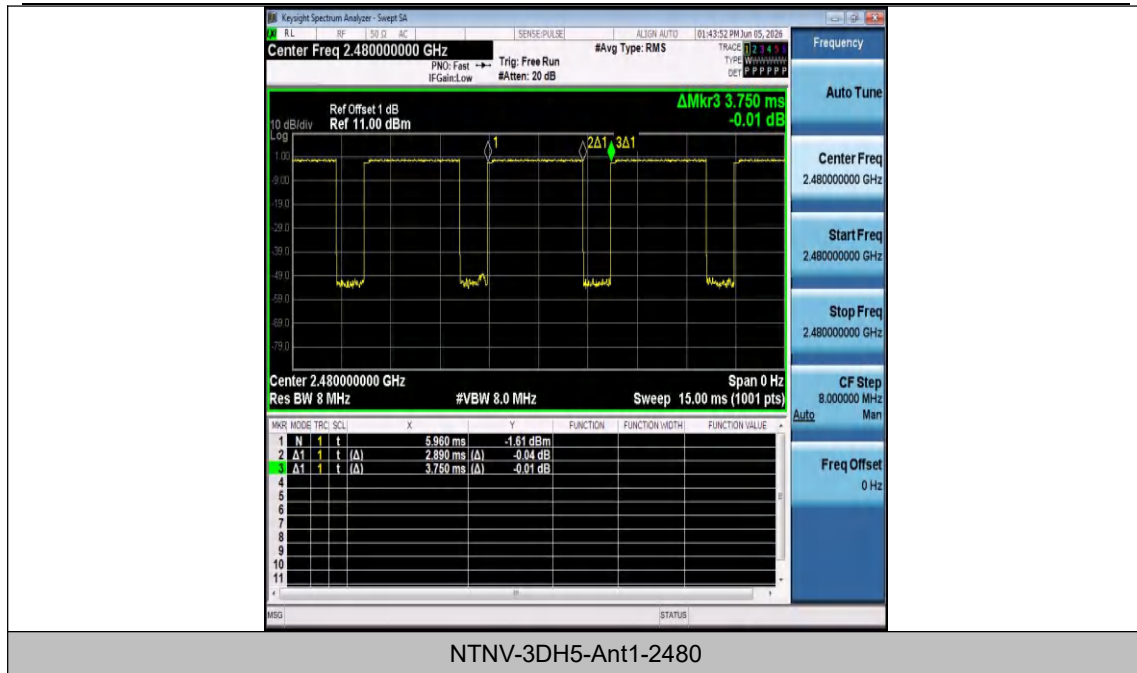
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