

Appendix Test Data

Report No.:	1812C60142112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-16	Finish Test Date:	2026-3-26
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	26.9°C	Relative Humidity:	43%
Pressure:	101kPa		

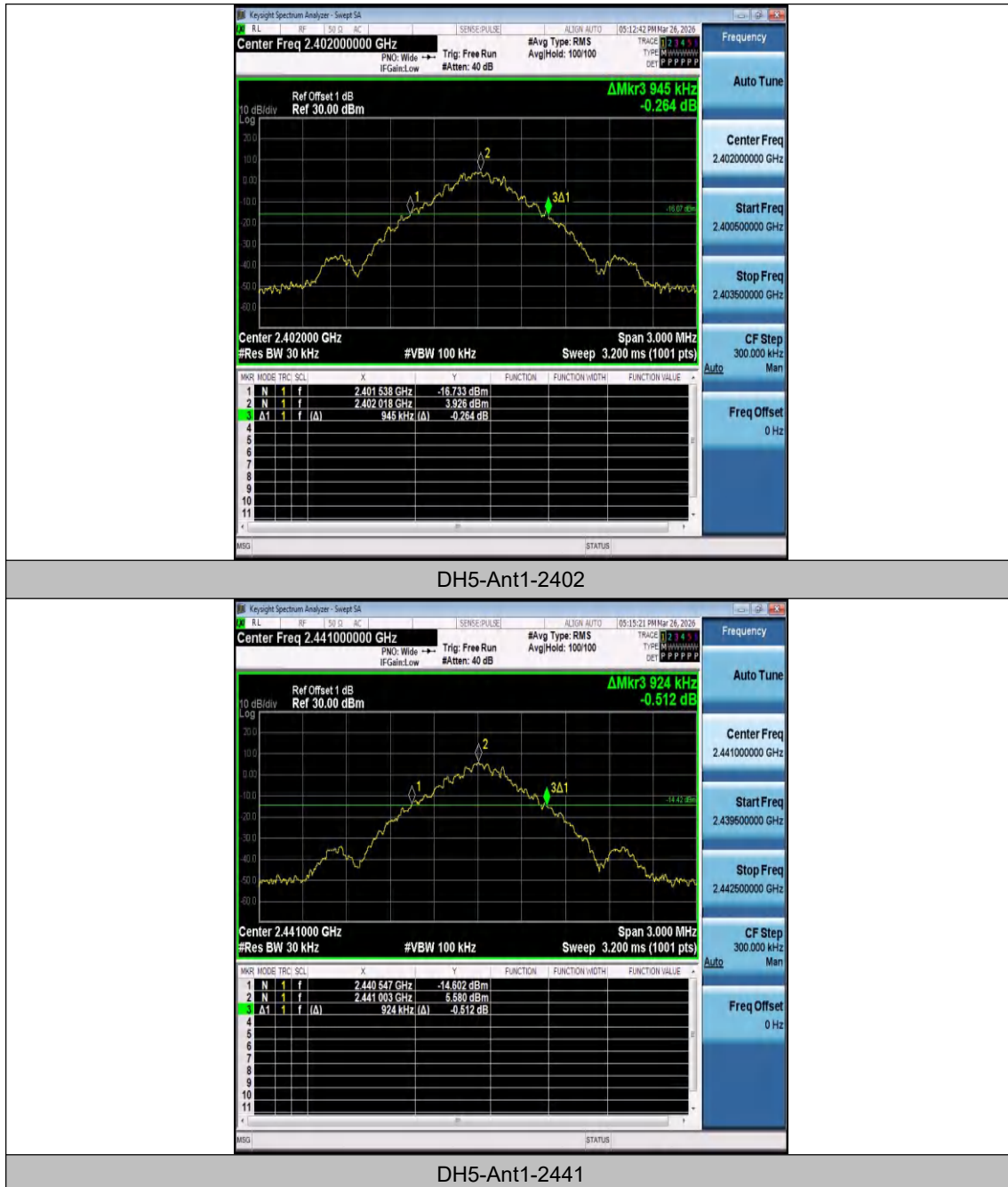


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.945	2401.538	2402.483	---	---
DH5	Ant1	2441	0.924	2440.547	2441.471	---	---
DH5	Ant1	2480	0.960	2479.541	2480.501	---	---
2DH5	Ant1	2402	1.290	2401.373	2402.663	---	---
2DH5	Ant1	2441	1.359	2440.328	2441.687	---	---
2DH5	Ant1	2480	1.275	2479.379	2480.654	---	---
3DH5	Ant1	2402	1.311	2401.355	2402.666	---	---
3DH5	Ant1	2441	1.296	2440.361	2441.657	---	---
3DH5	Ant1	2480	1.284	2479.358	2480.642	---	---

Test Graphs



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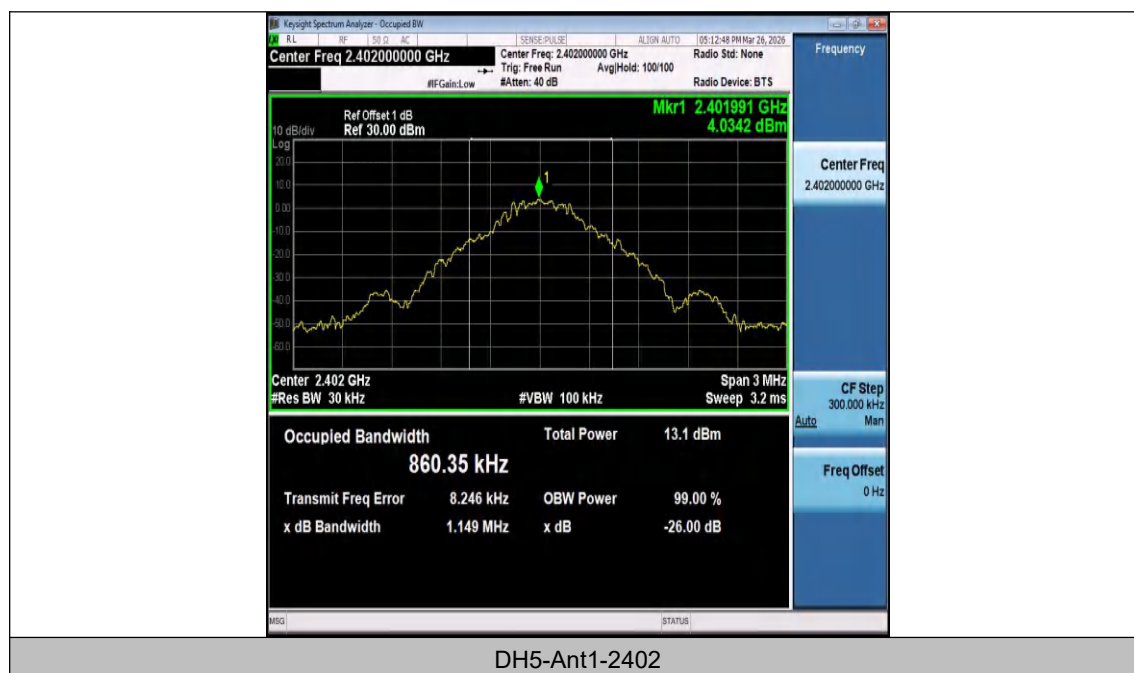
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86035	2401.5781	2402.4384	---	---
DH5	Ant1	2441	0.86442	2440.5760	2441.4404	---	---
DH5	Ant1	2480	0.87103	2479.5740	2480.4450	---	---
2DH5	Ant1	2402	1.1834	2401.4138	2402.5972	---	---
2DH5	Ant1	2441	1.1761	2440.4198	2441.5959	---	---
2DH5	Ant1	2480	1.1865	2479.4155	2480.6020	---	---
3DH5	Ant1	2402	1.2035	2401.4020	2402.6055	---	---
3DH5	Ant1	2441	1.1898	2440.4132	2441.6030	---	---
3DH5	Ant1	2480	1.1877	2479.4140	2480.6017	---	---

Test Graphs









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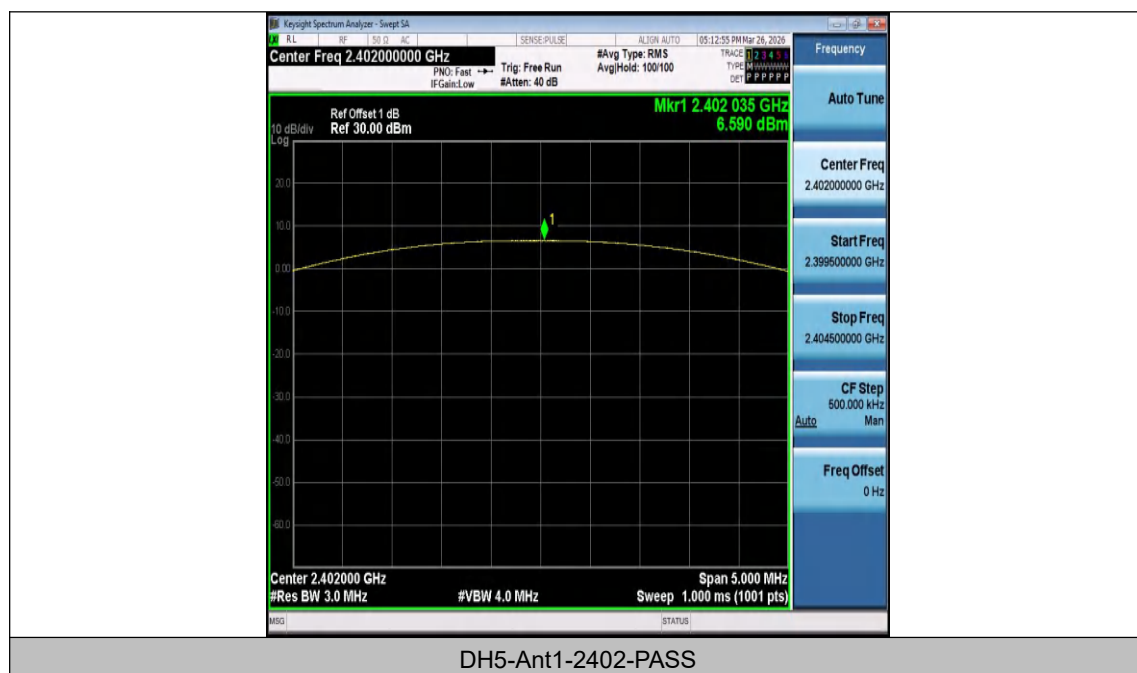
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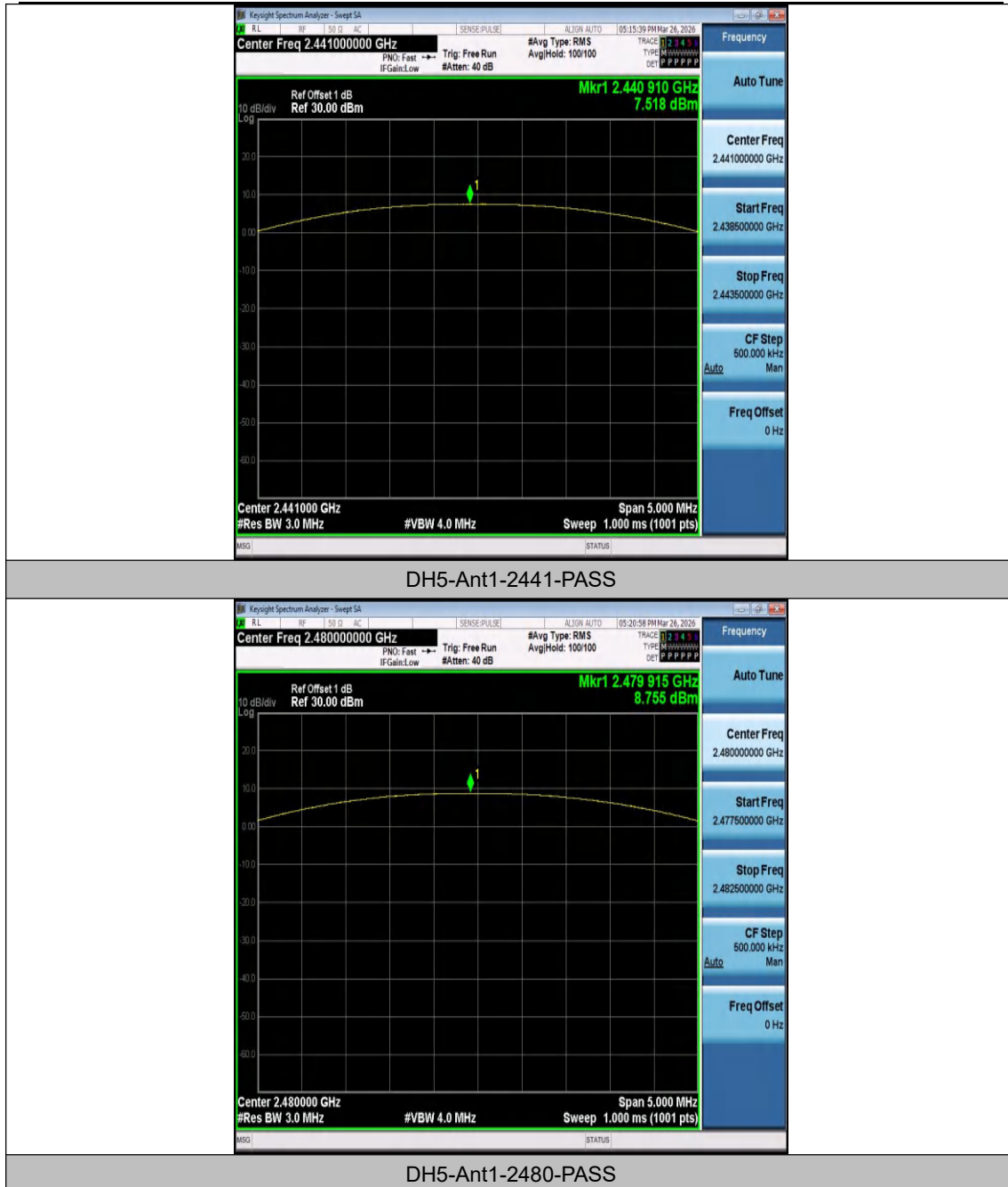
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	6.59	≤20.97	PASS
DH5	Ant1	2441	7.52	≤20.97	PASS
DH5	Ant1	2480	8.76	≤20.97	PASS
2DH5	Ant1	2402	7.52	≤20.97	PASS
2DH5	Ant1	2441	8.50	≤20.97	PASS
2DH5	Ant1	2480	9.62	≤20.97	PASS
3DH5	Ant1	2402	8.05	≤20.97	PASS
3DH5	Ant1	2441	8.94	≤20.97	PASS
3DH5	Ant1	2480	6.91	≤20.97	PASS

Test Graphs

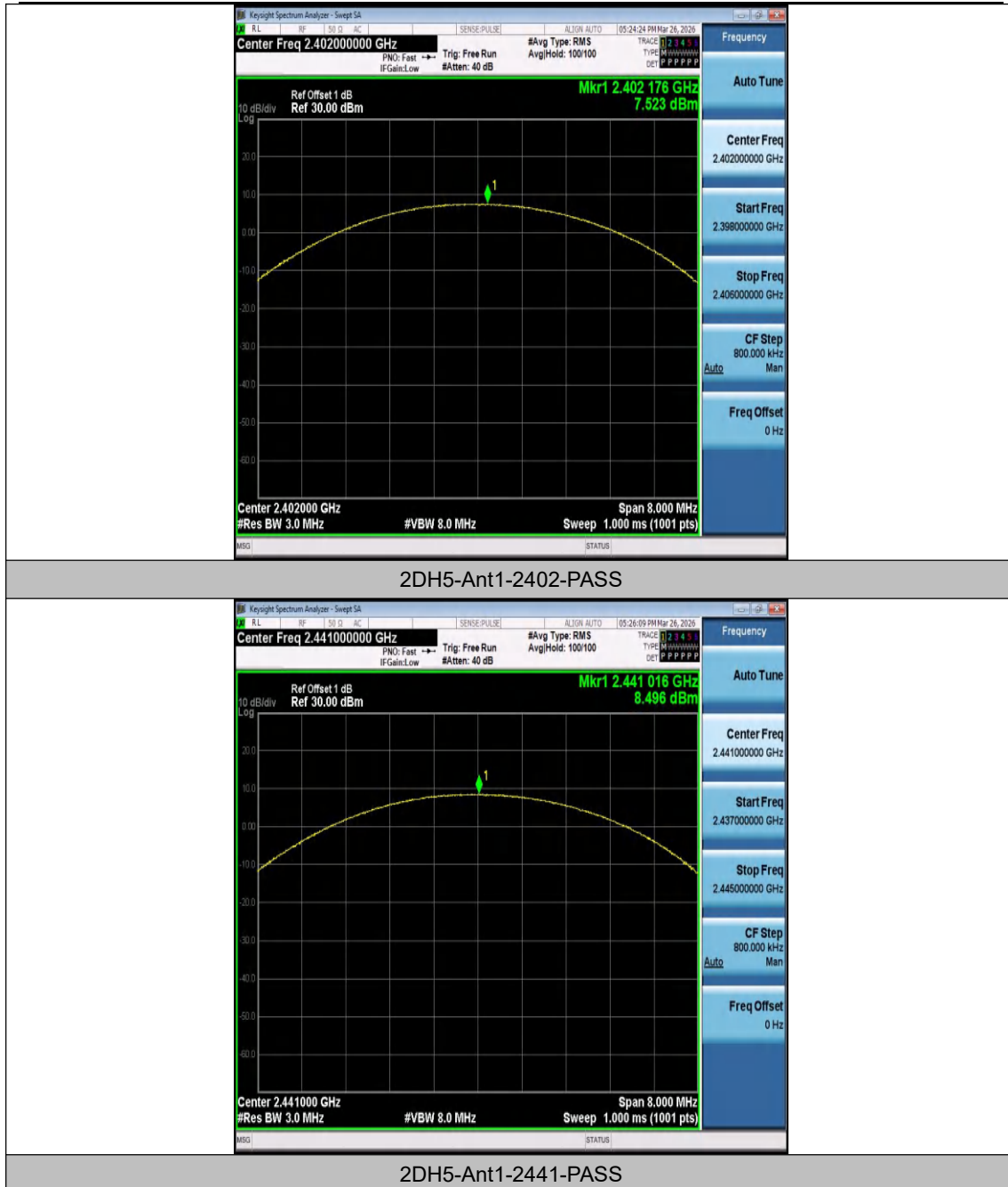




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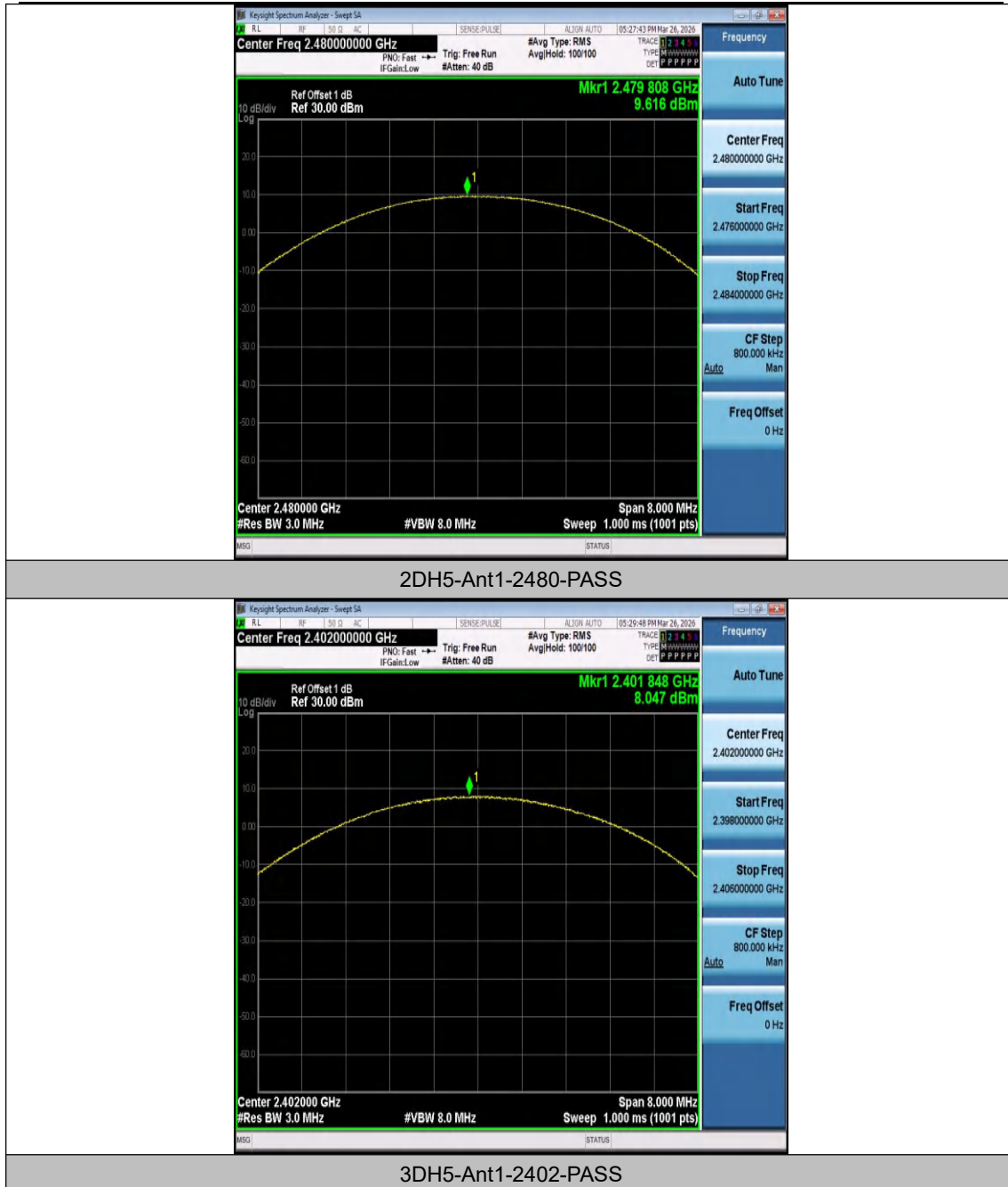
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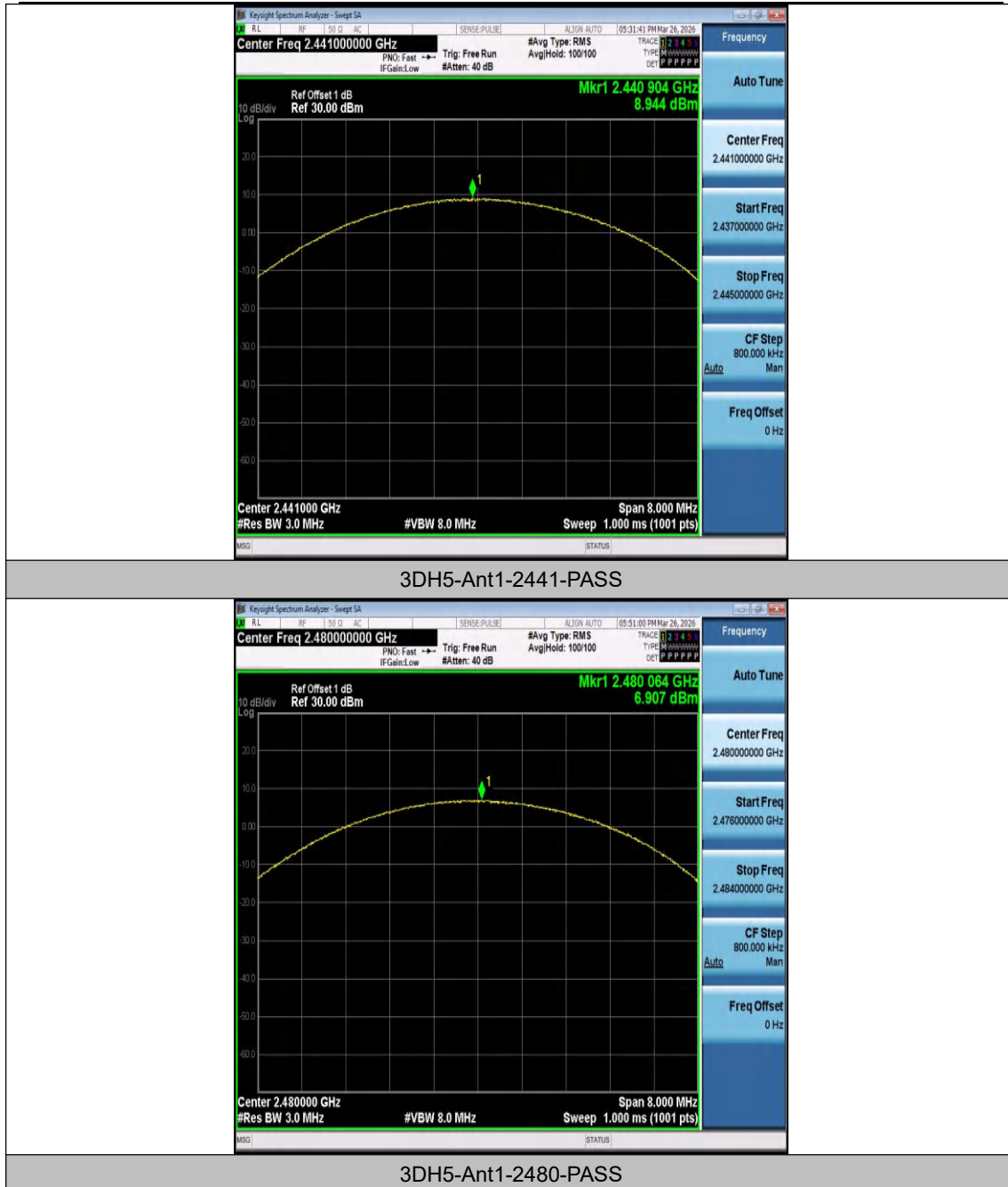
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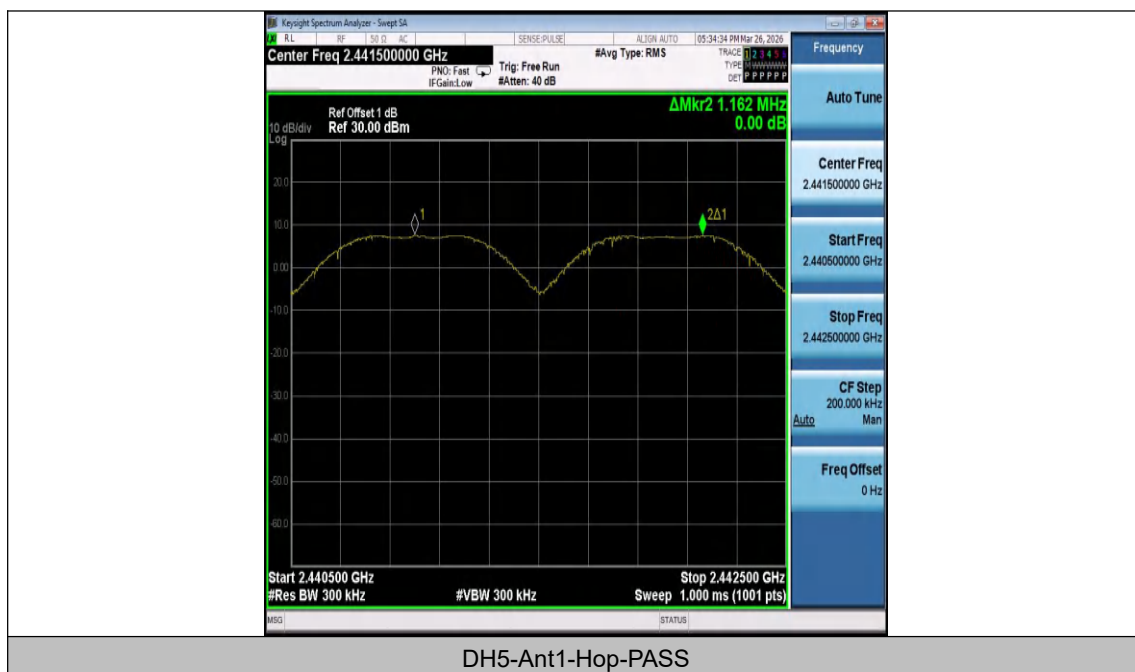
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.162	≥ 0.640	PASS
2DH5	Ant1	Hop	1.156	≥ 0.906	PASS
3DH5	Ant1	Hop	1.166	≥ 0.874	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



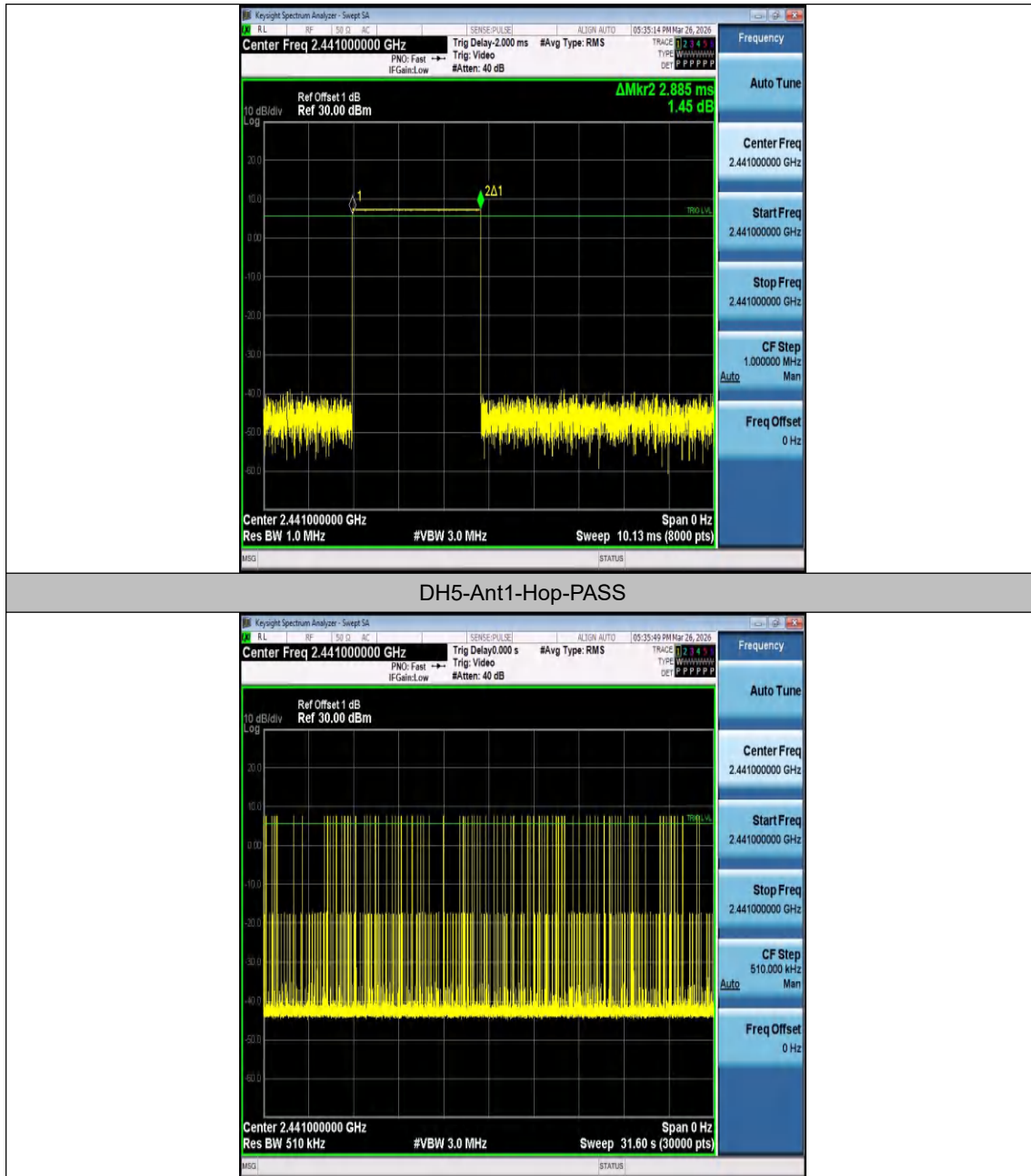


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	118	0.34	≤0.4	PASS
2DH5	Ant1	Hop	2.893	92	0.266	≤0.4	PASS
3DH5	Ant1	Hop	2.894	118	0.341	≤0.4	PASS

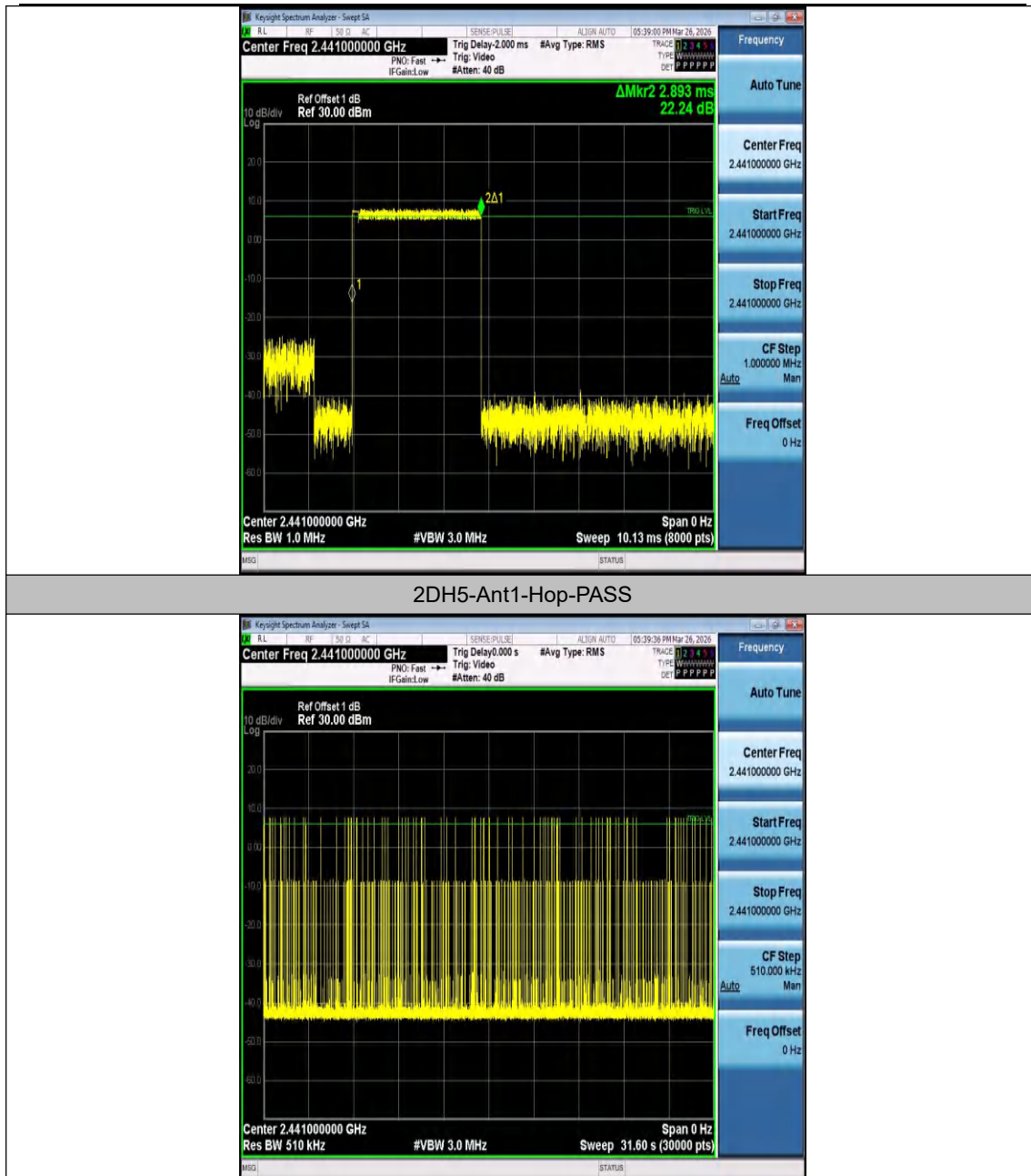
Test Graphs



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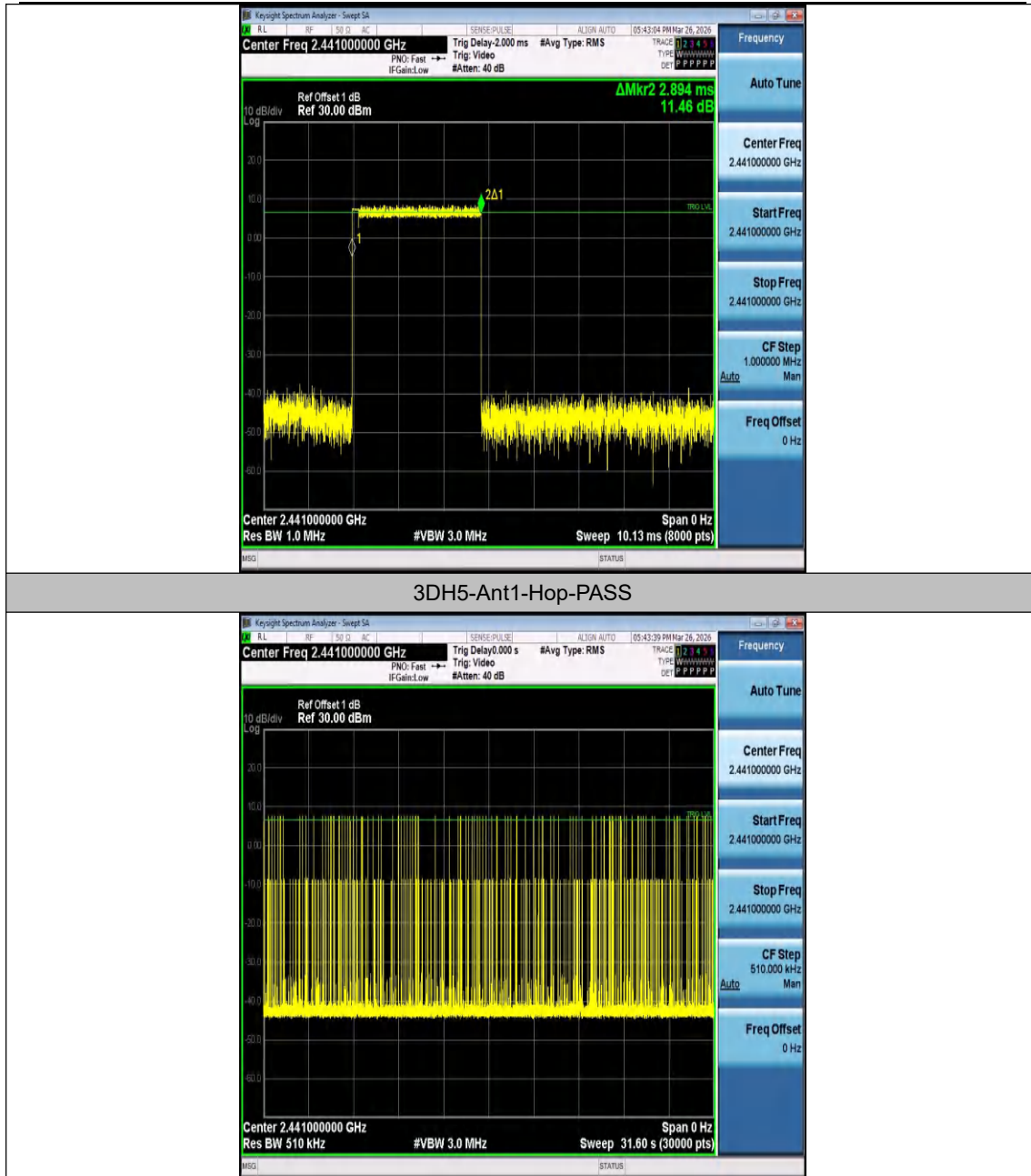
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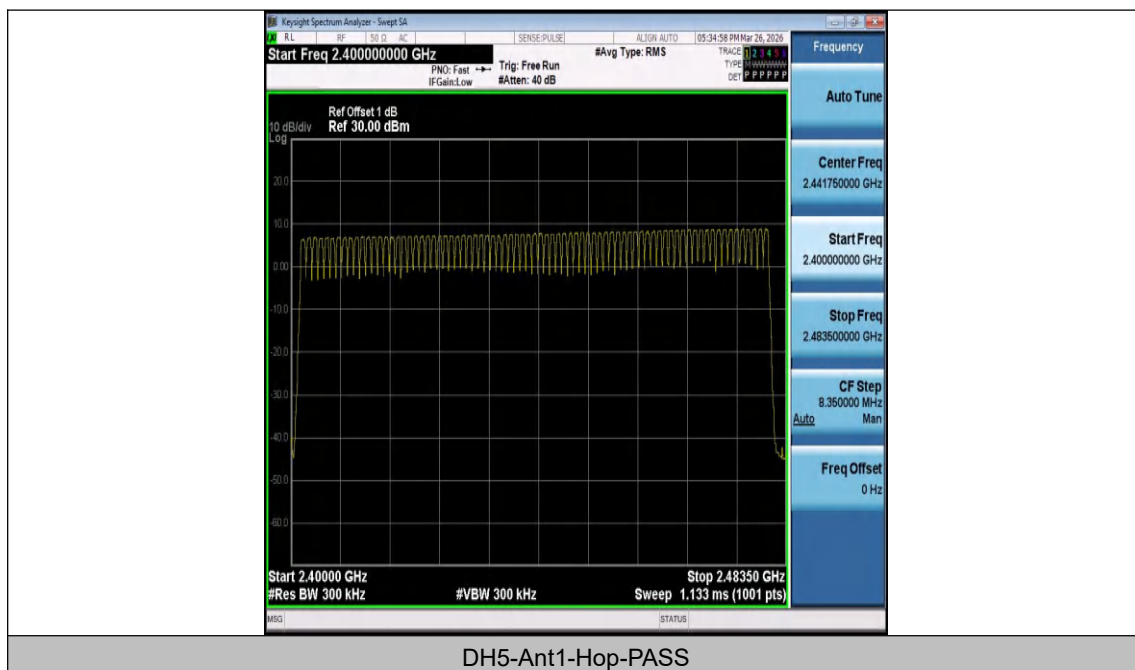
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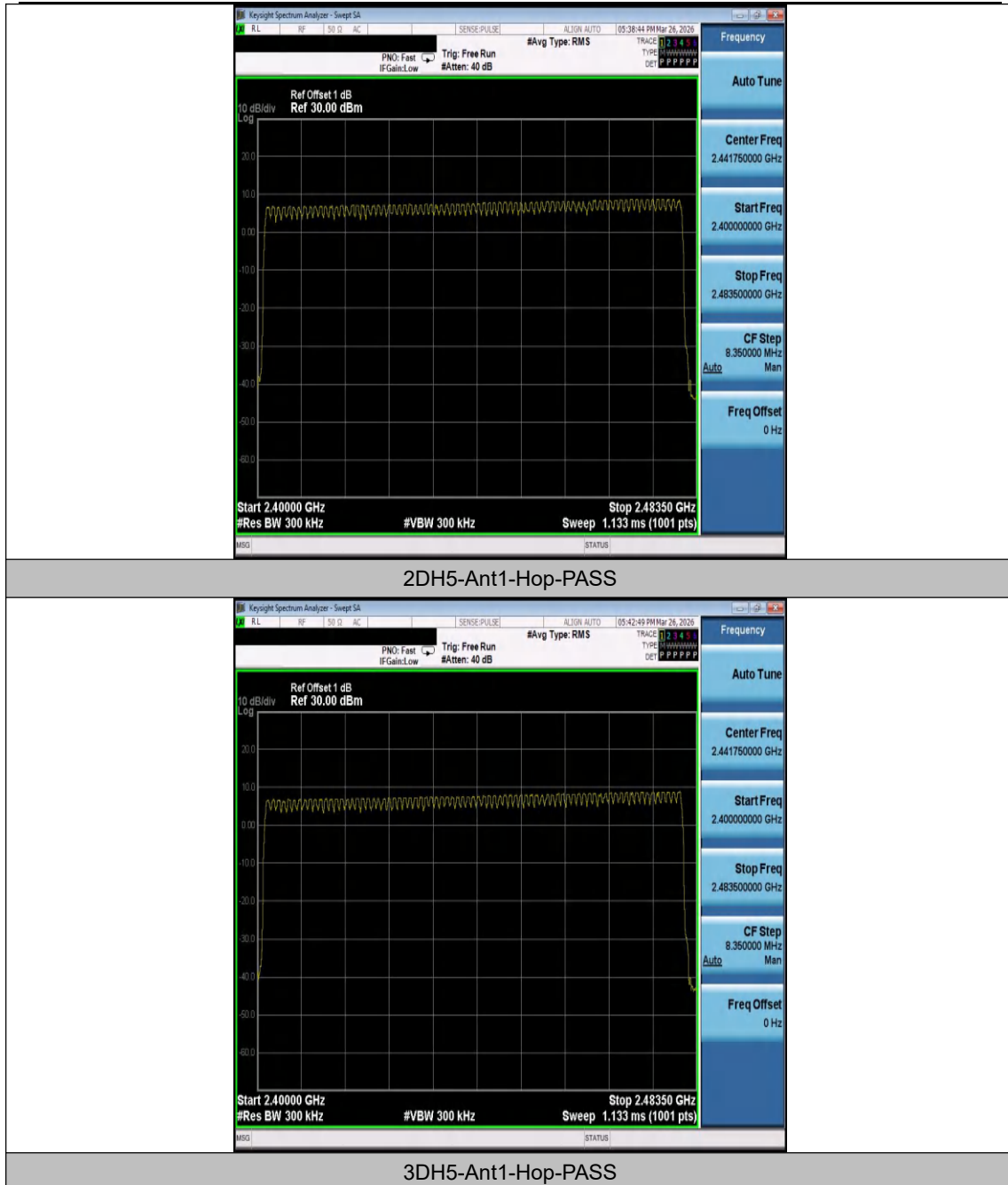
Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs





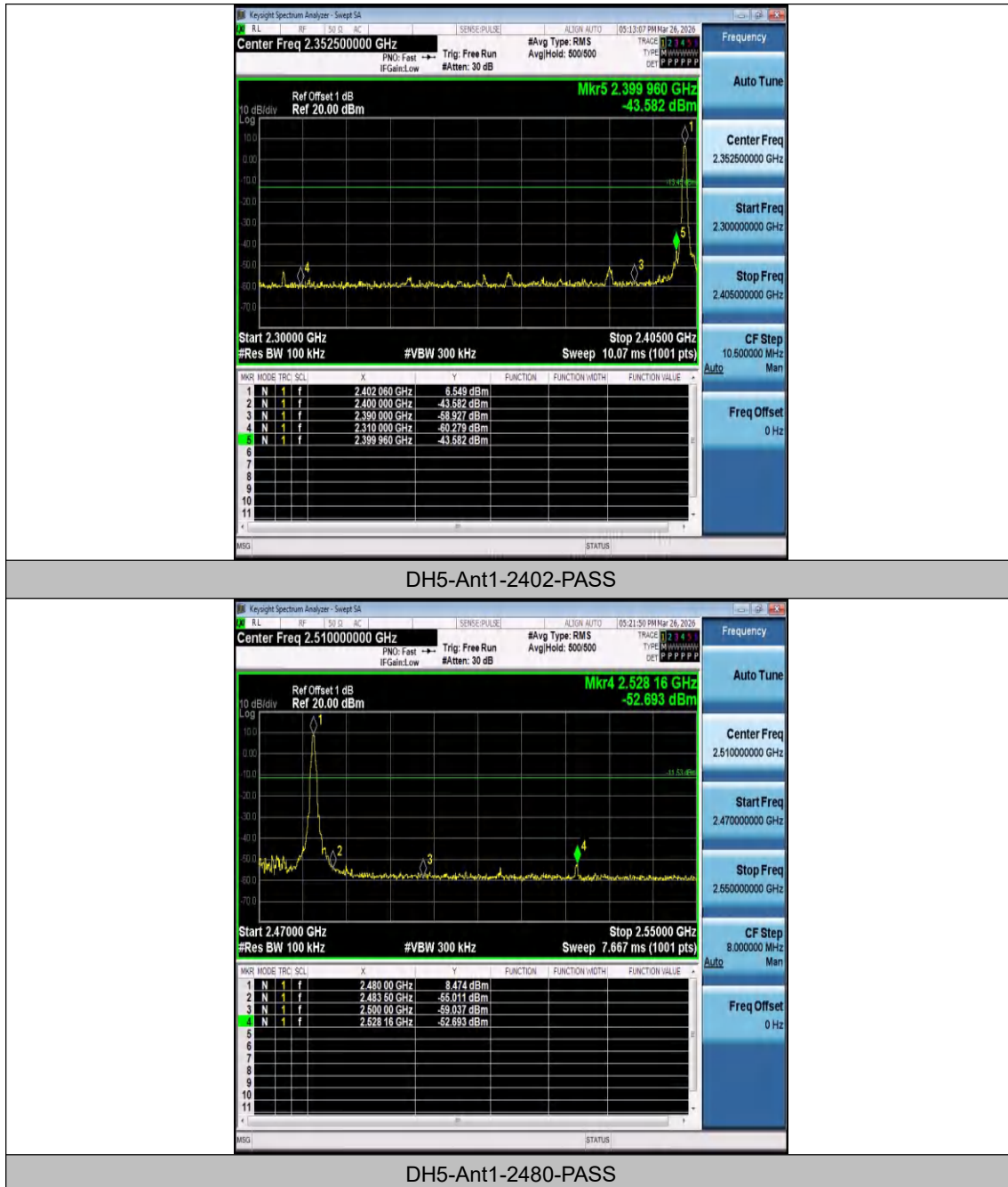
Appendix G: Conducted Band edge

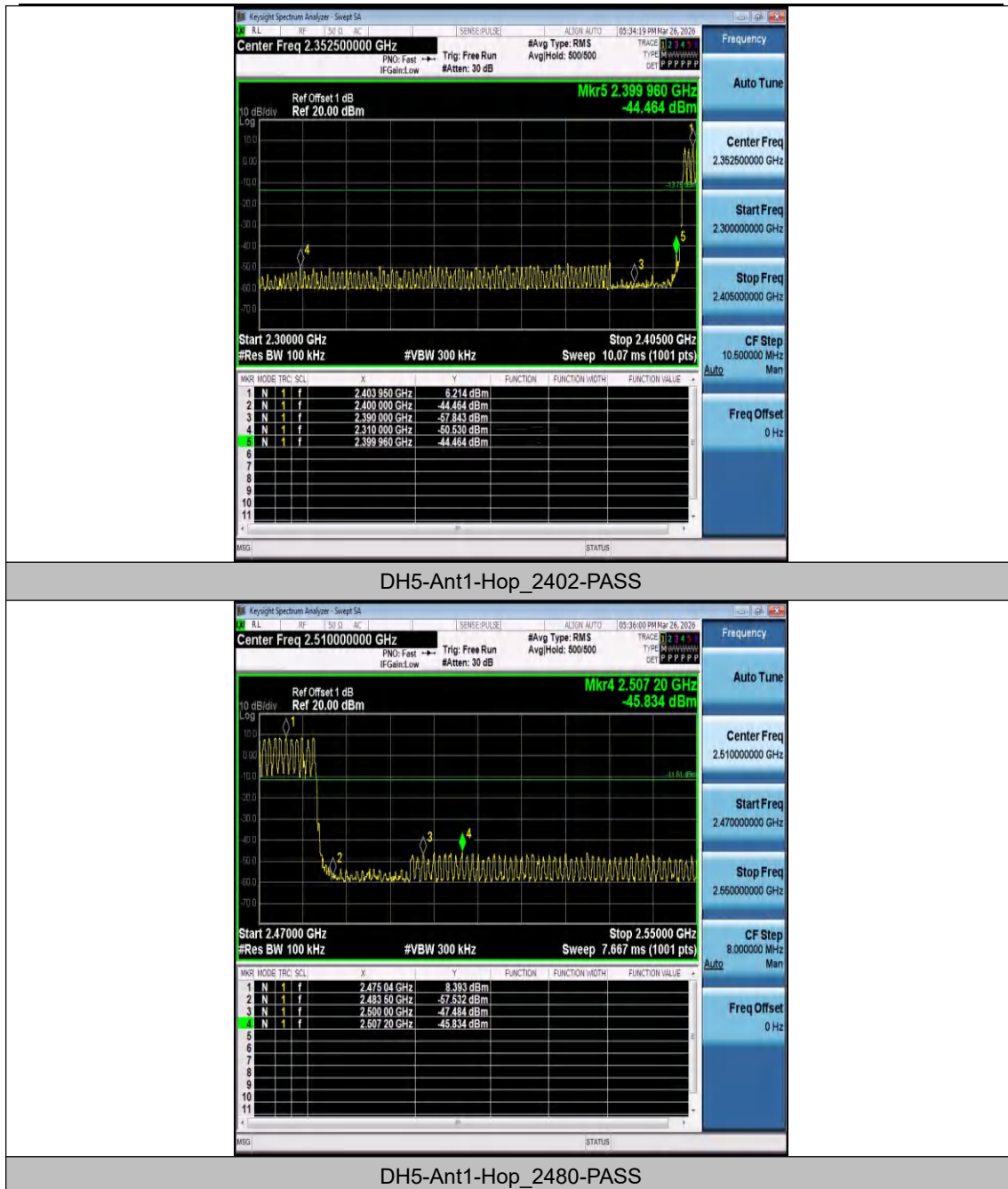
Test Result

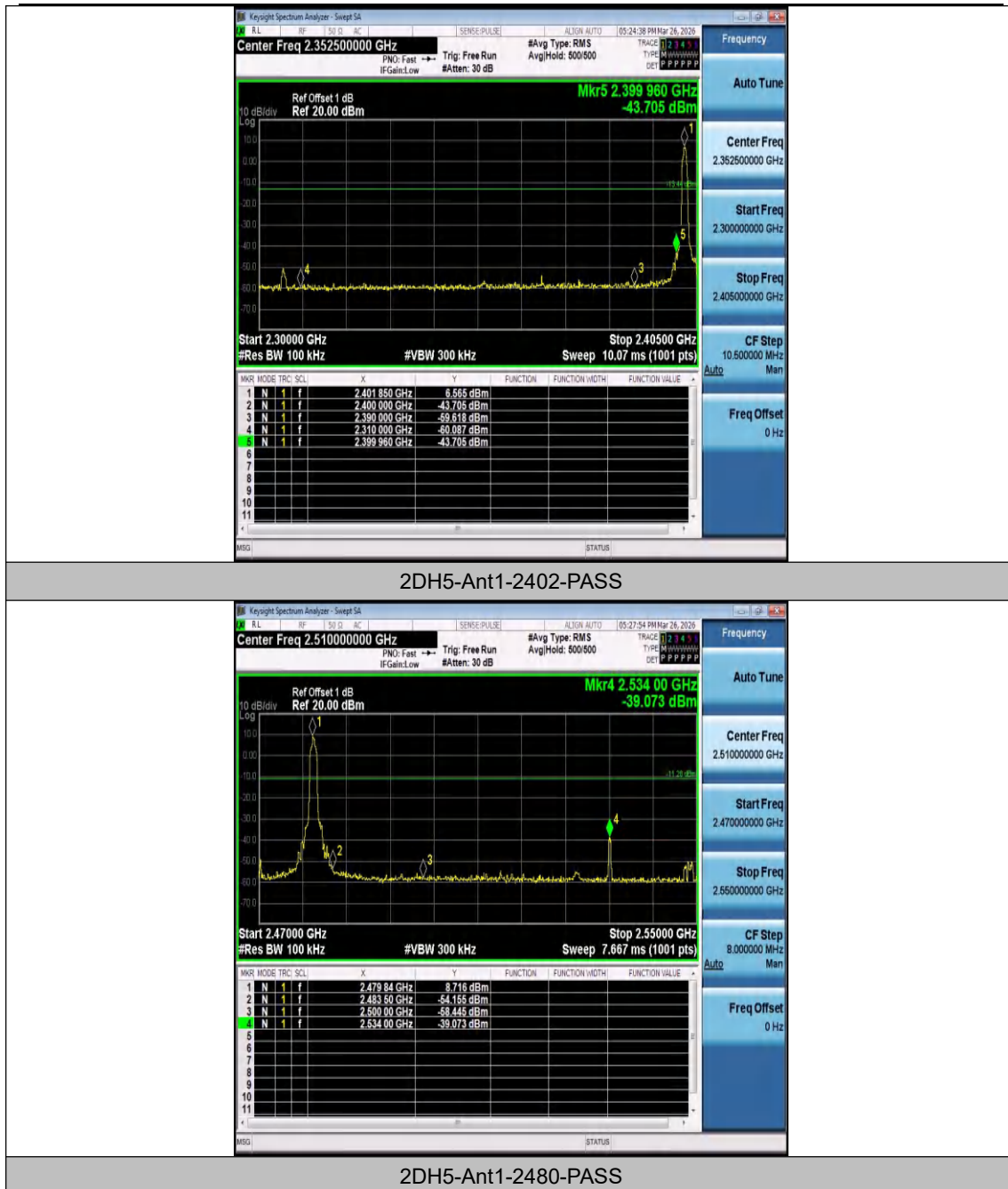
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	6.55	-43.58	≤-13.45	PASS
DH5	Ant1	High	2480	8.47	-52.69	≤-11.53	PASS
DH5	Ant1	Low	Hop_2402	6.21	-44.46	≤-13.79	PASS
DH5	Ant1	High	Hop_2480	8.39	-45.83	≤-11.61	PASS
2DH5	Ant1	Low	2402	6.57	-43.71	≤-13.44	PASS
2DH5	Ant1	High	2480	8.72	-39.07	≤-11.28	PASS
2DH5	Ant1	Low	Hop_2402	2.90	-46.39	≤-17.1	PASS
2DH5	Ant1	High	Hop_2480	8.35	-47.27	≤-11.65	PASS
3DH5	Ant1	Low	2402	6.32	-43.3	≤-13.68	PASS
3DH5	Ant1	High	2480	5.44	-53.52	≤-14.56	PASS
3DH5	Ant1	Low	Hop_2402	5.99	-46.01	≤-14.01	PASS
3DH5	Ant1	High	Hop_2480	7.17	-46.58	≤-12.83	PASS

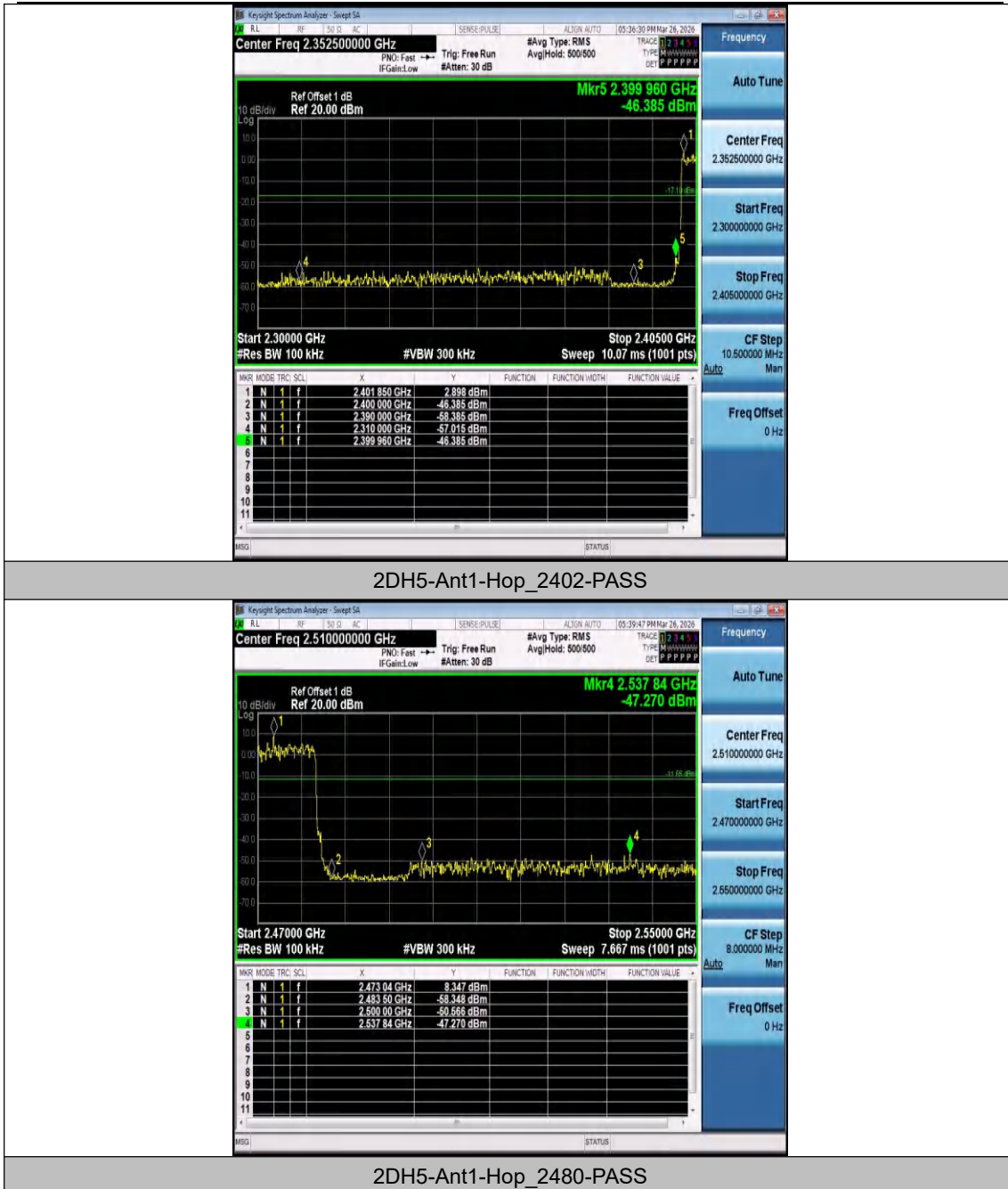
Remark: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'offset' of the Spectrum Analyzer during the test.

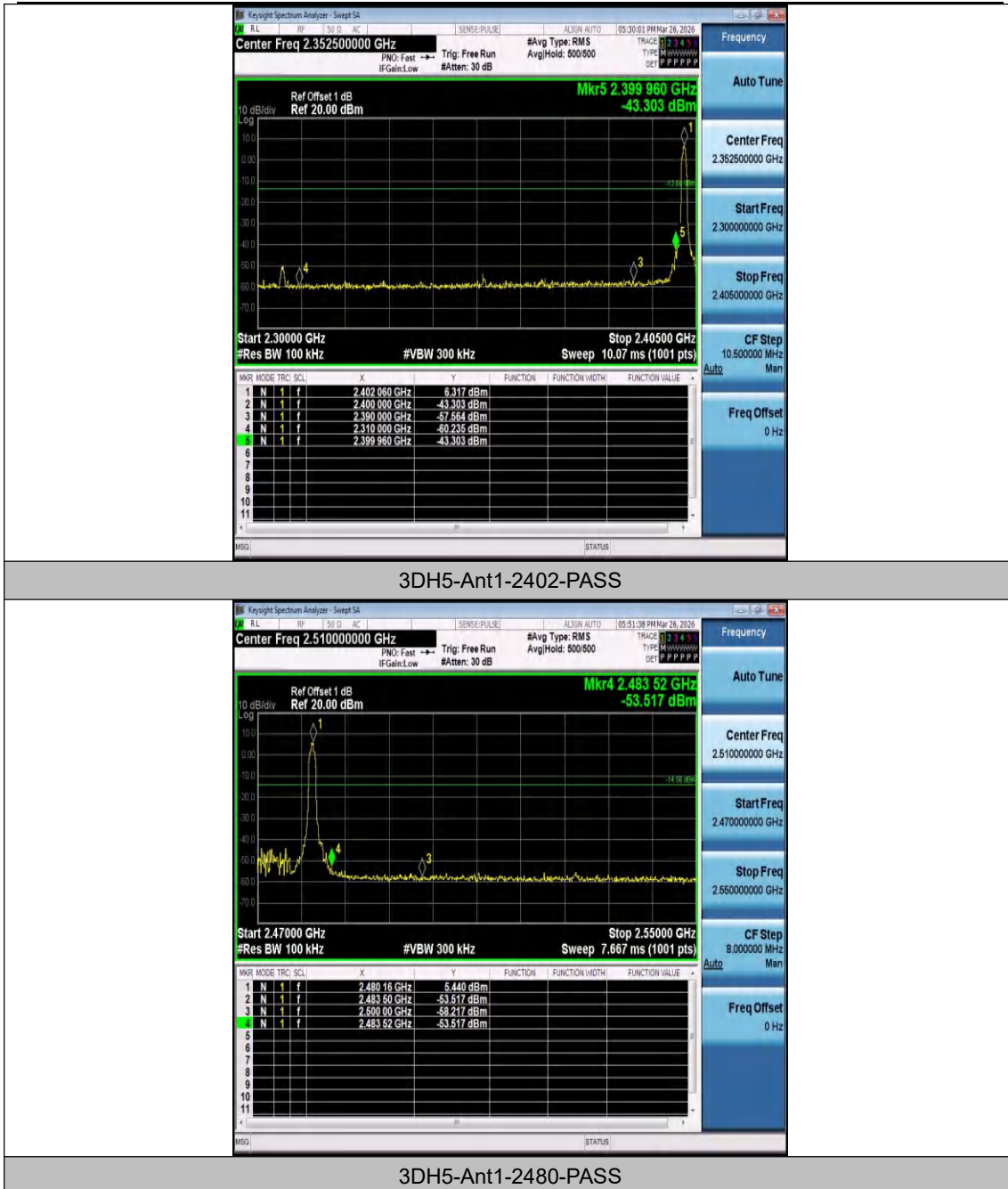
Test Graphs

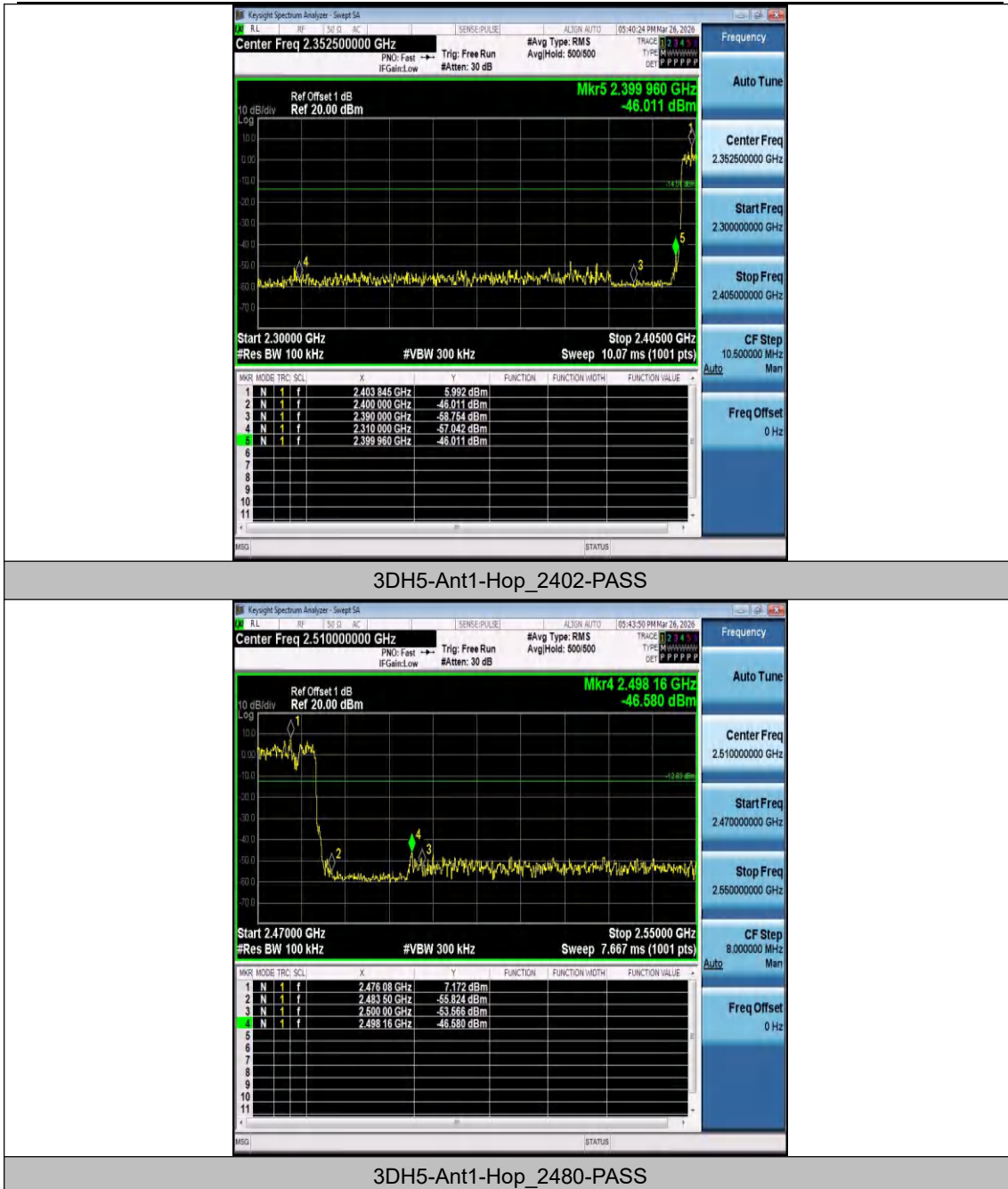












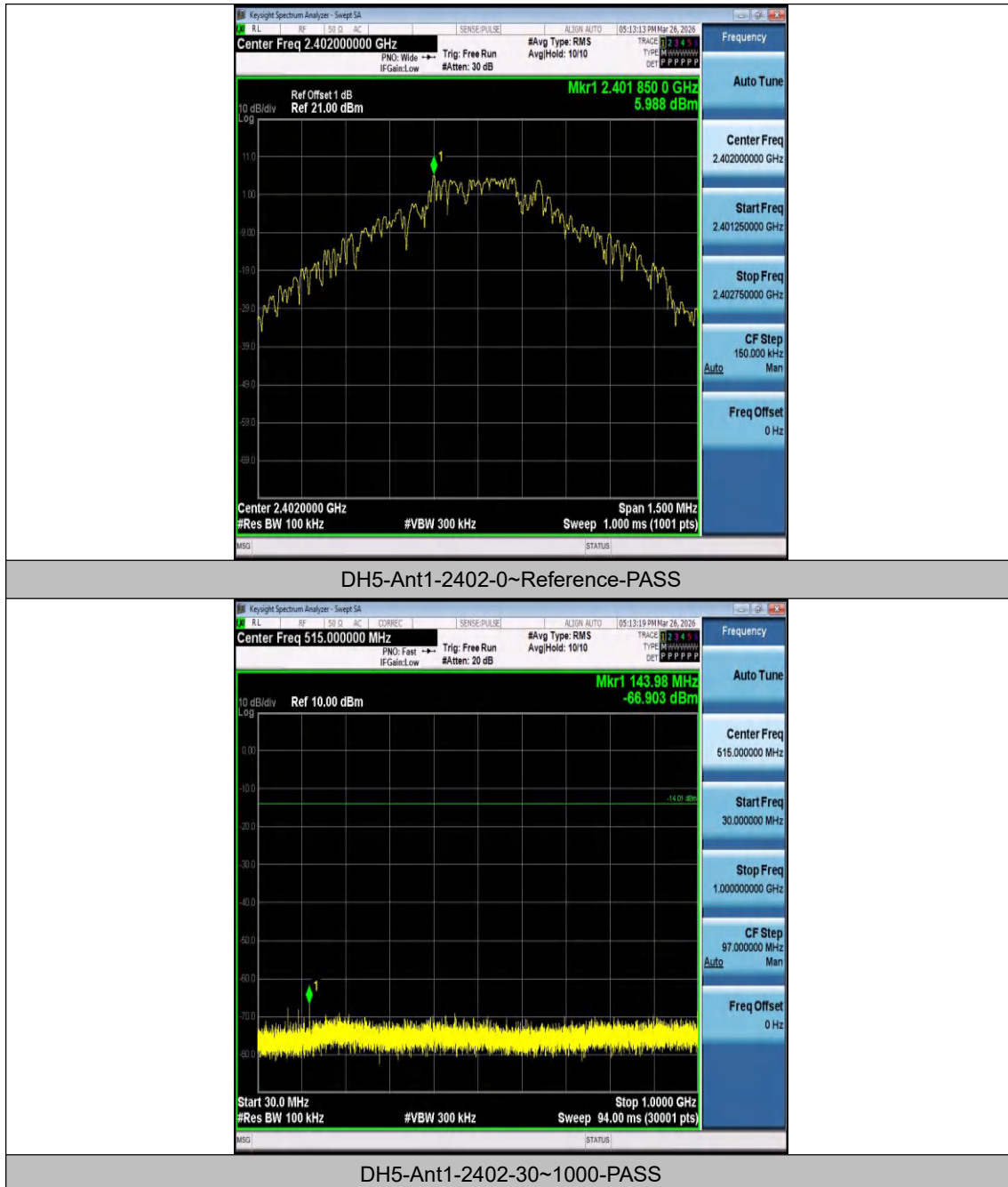
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	5.99	5.99	---	PASS
DH5	Ant1	2402	30~1000	5.99	-66.9	≤-14.01	PASS
DH5	Ant1	2402	1000~26500	5.99	-28.38	≤-14.01	PASS
DH5	Ant1	2441	0~Reference	7.31	7.31	---	PASS
DH5	Ant1	2441	30~1000	7.31	-66.71	≤-12.69	PASS
DH5	Ant1	2441	1000~26500	7.31	-35.43	≤-12.69	PASS
DH5	Ant1	2480	0~Reference	8.00	8.00	---	PASS
DH5	Ant1	2480	30~1000	8.00	-59.72	≤-12	PASS
DH5	Ant1	2480	1000~26500	8.00	-35.96	≤-12	PASS
2DH5	Ant1	2402	0~Reference	6.35	6.35	---	PASS
2DH5	Ant1	2402	30~1000	6.35	-66.62	≤-13.65	PASS
2DH5	Ant1	2402	1000~26500	6.35	-35.51	≤-13.65	PASS
2DH5	Ant1	2441	0~Reference	3.34	3.34	---	PASS
2DH5	Ant1	2441	30~1000	3.34	-62	≤-16.66	PASS
2DH5	Ant1	2441	1000~26500	3.34	-35.63	≤-16.66	PASS
2DH5	Ant1	2480	0~Reference	4.61	4.61	---	PASS
2DH5	Ant1	2480	30~1000	4.61	-65.75	≤-15.39	PASS
2DH5	Ant1	2480	1000~26500	4.61	-34.64	≤-15.39	PASS
3DH5	Ant1	2402	0~Reference	3.01	3.01	---	PASS
3DH5	Ant1	2402	30~1000	3.01	-64.97	≤-16.99	PASS
3DH5	Ant1	2402	1000~26500	3.01	-35.77	≤-16.99	PASS
3DH5	Ant1	2441	0~Reference	3.09	3.09	---	PASS
3DH5	Ant1	2441	30~1000	3.09	-66.15	≤-16.91	PASS
3DH5	Ant1	2441	1000~26500	3.09	-36.39	≤-16.91	PASS
3DH5	Ant1	2480	0~Reference	1.80	1.80	---	PASS
3DH5	Ant1	2480	30~1000	1.80	-66.14	≤-18.2	PASS
3DH5	Ant1	2480	1000~26500	1.80	-35.94	≤-18.2	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.

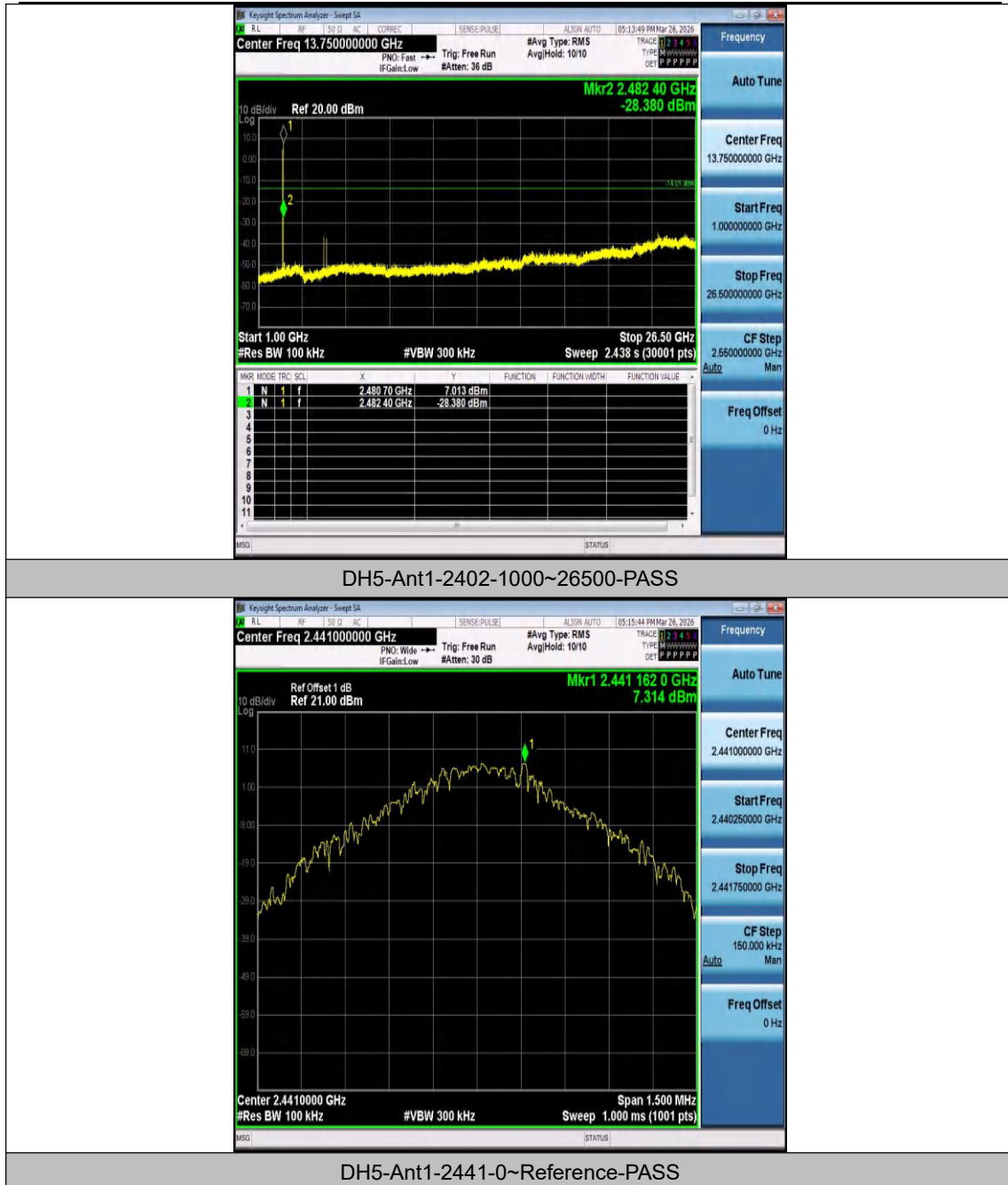
Test Graphs



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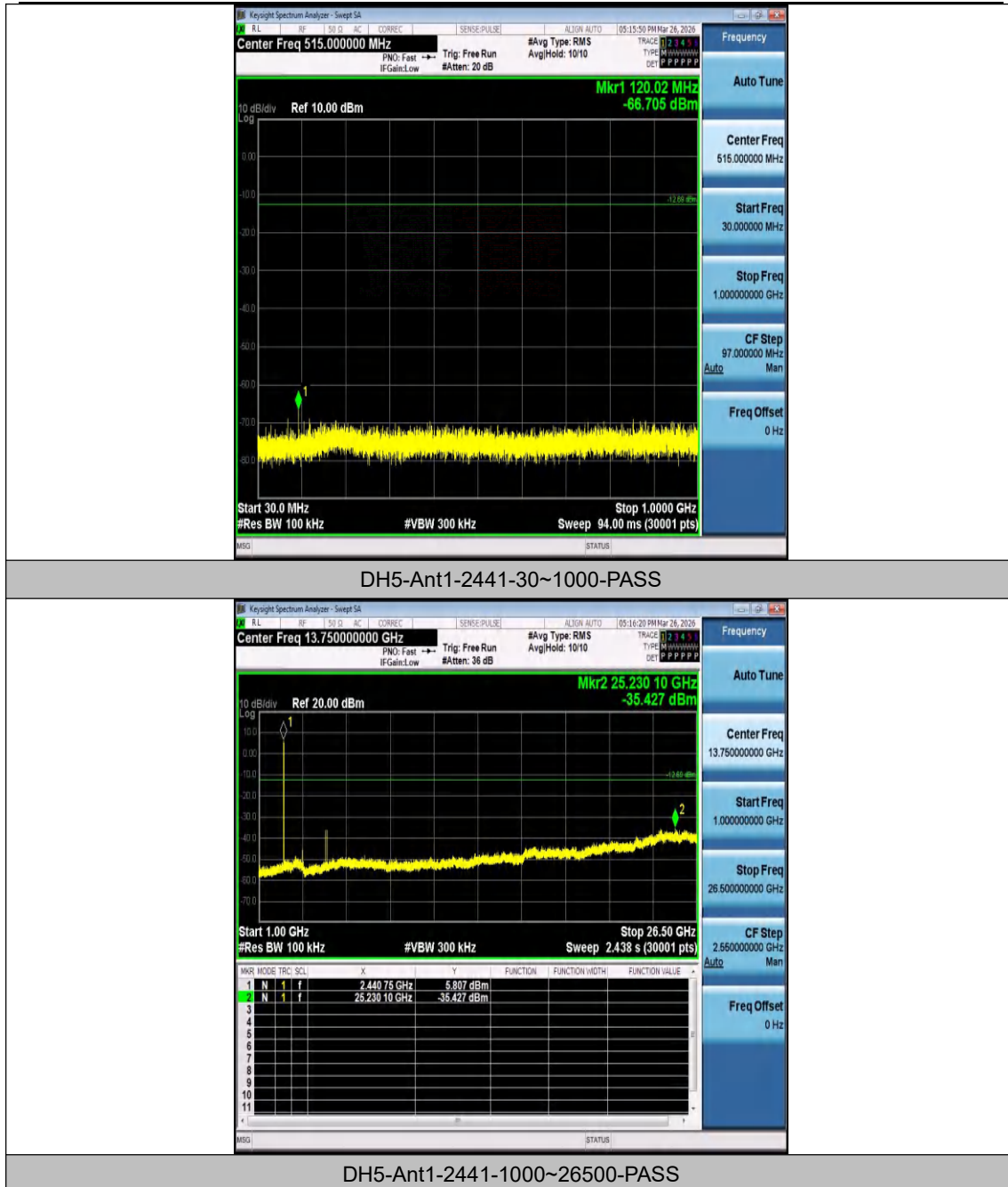
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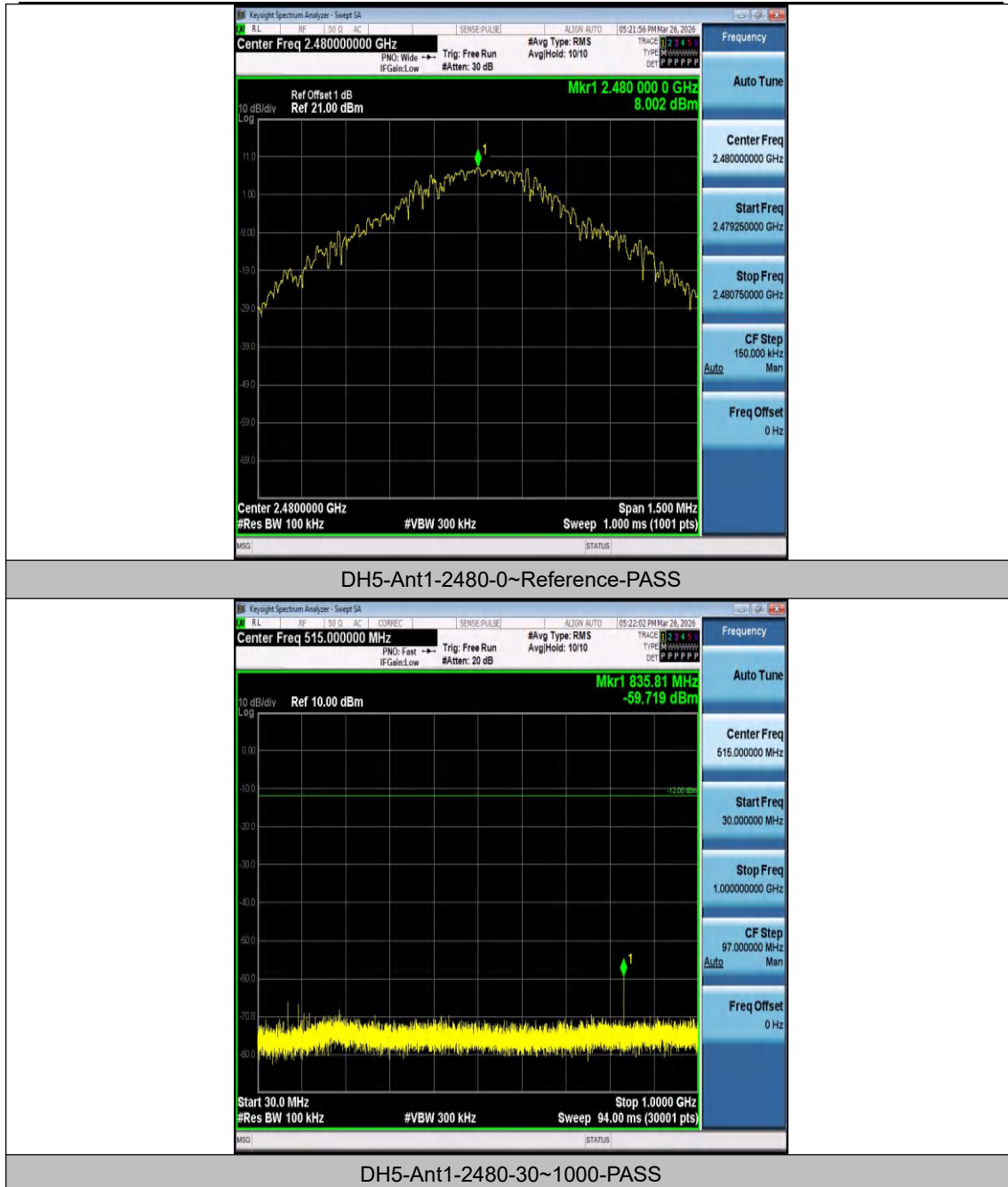
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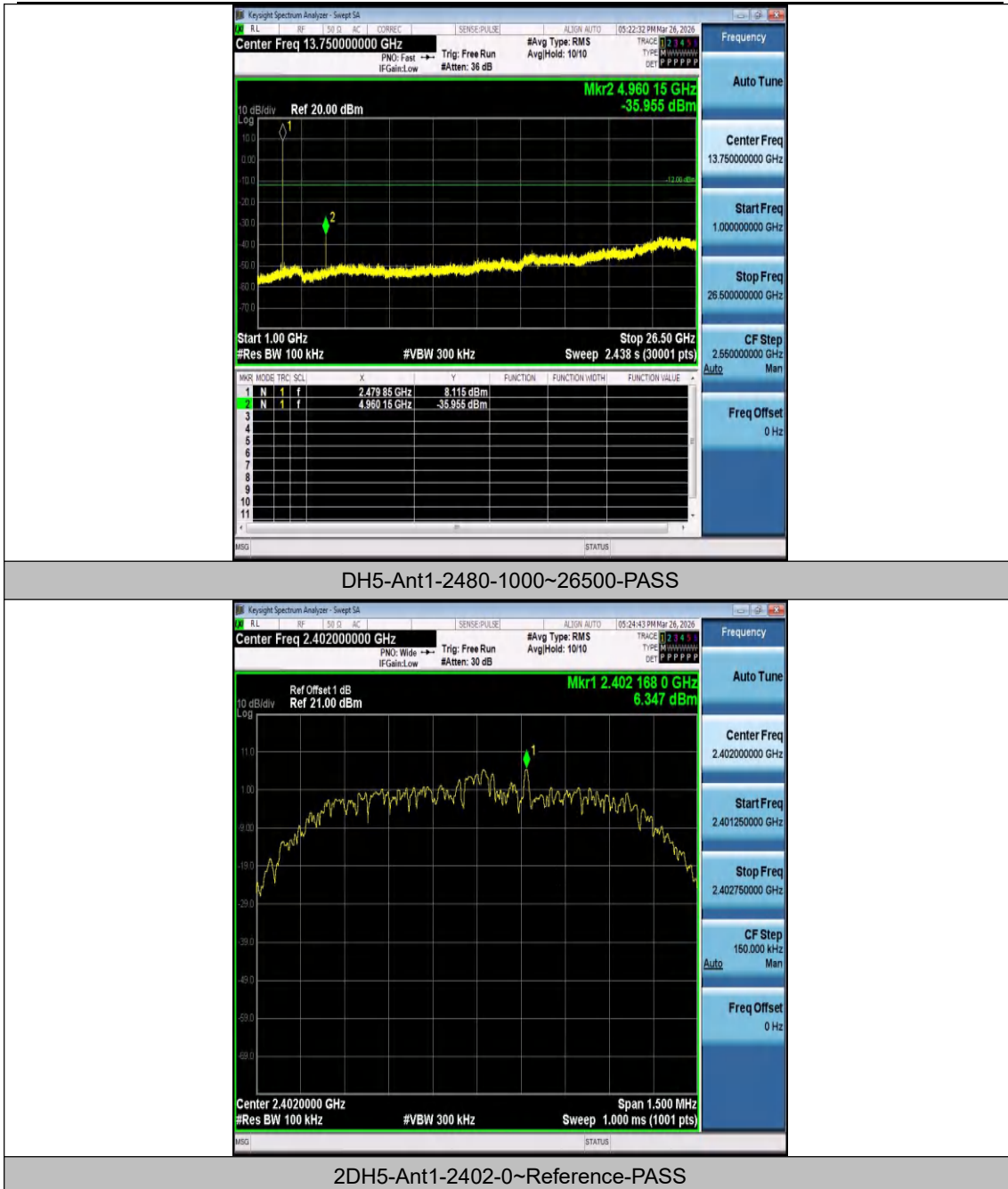
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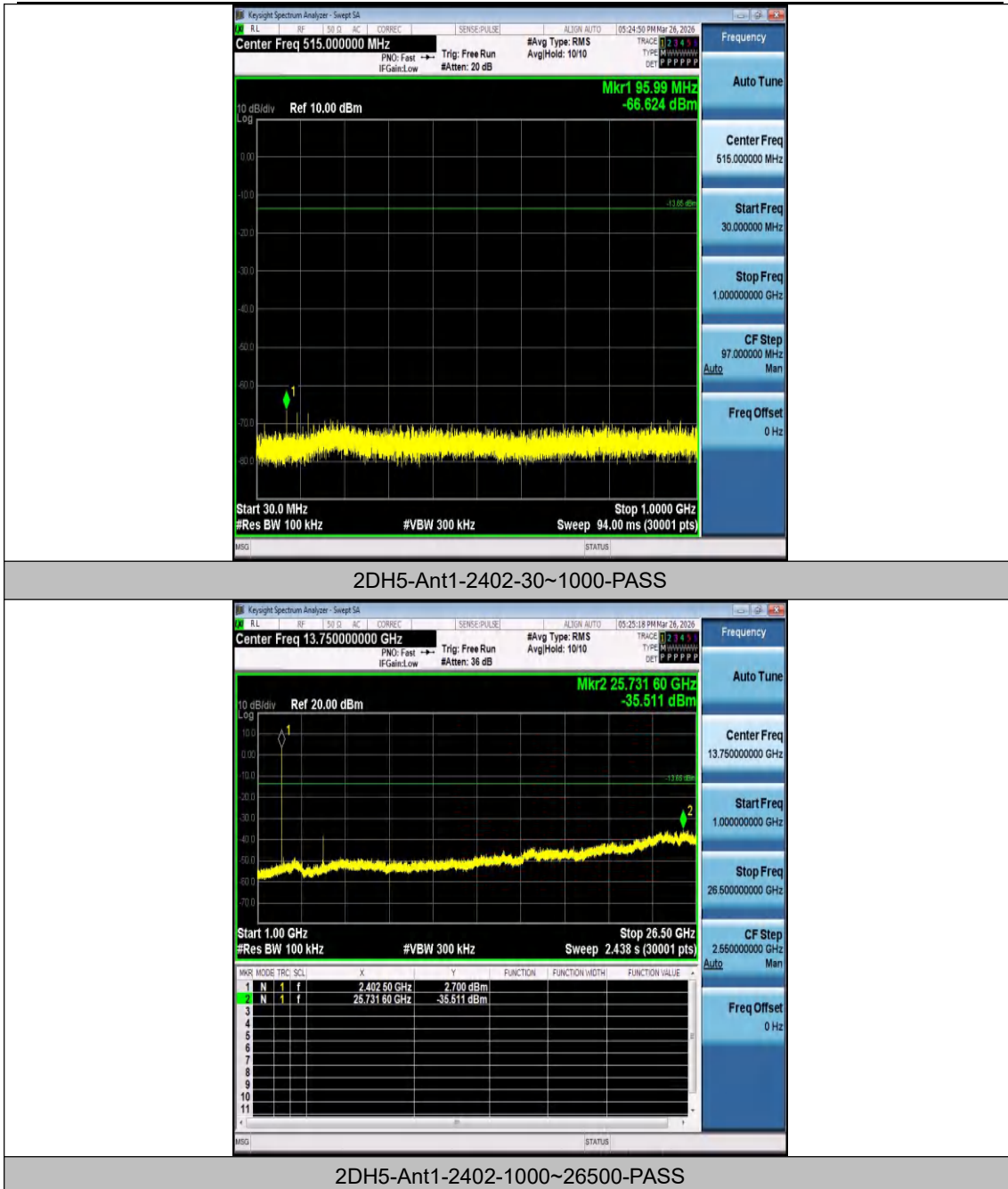
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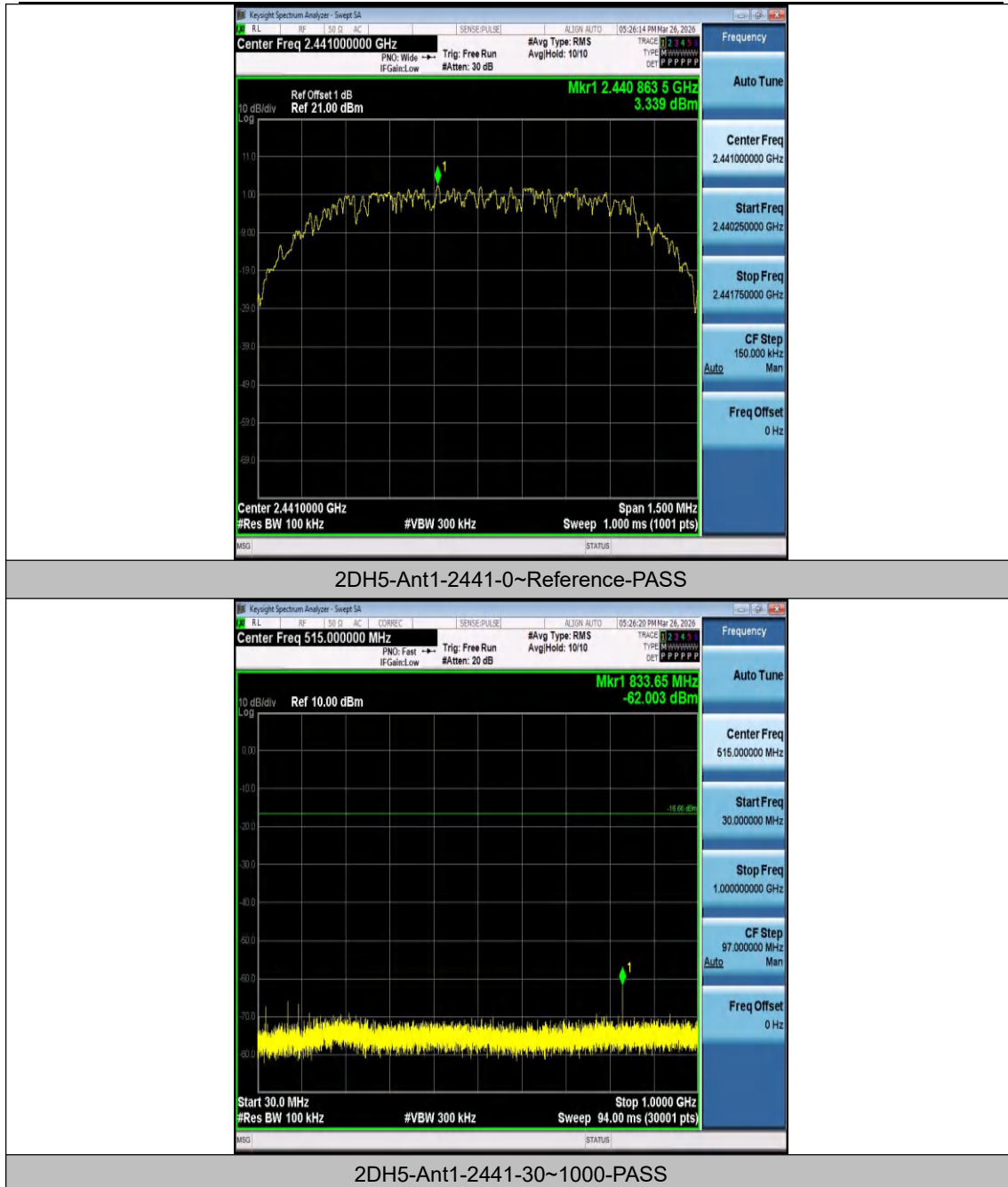
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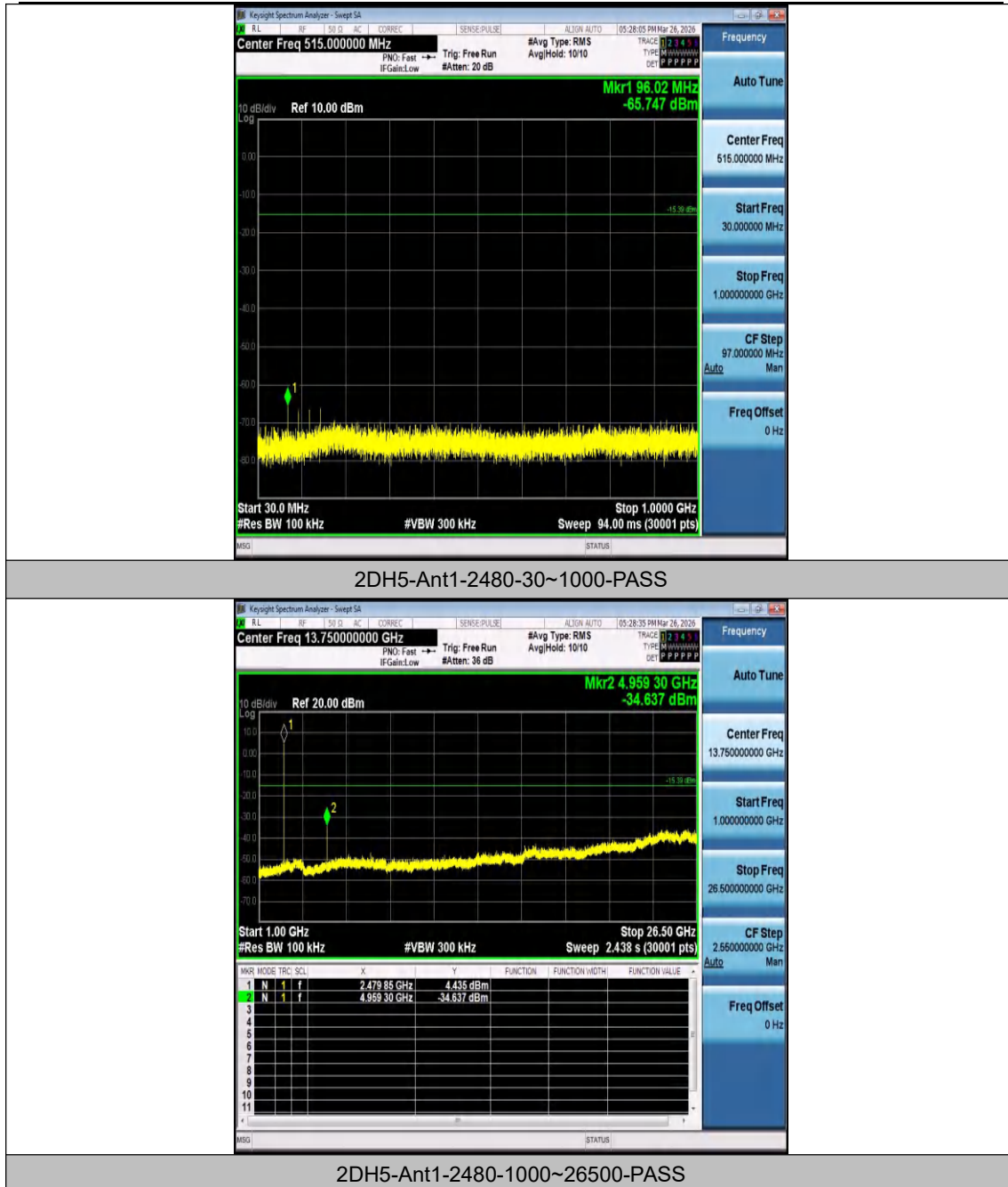


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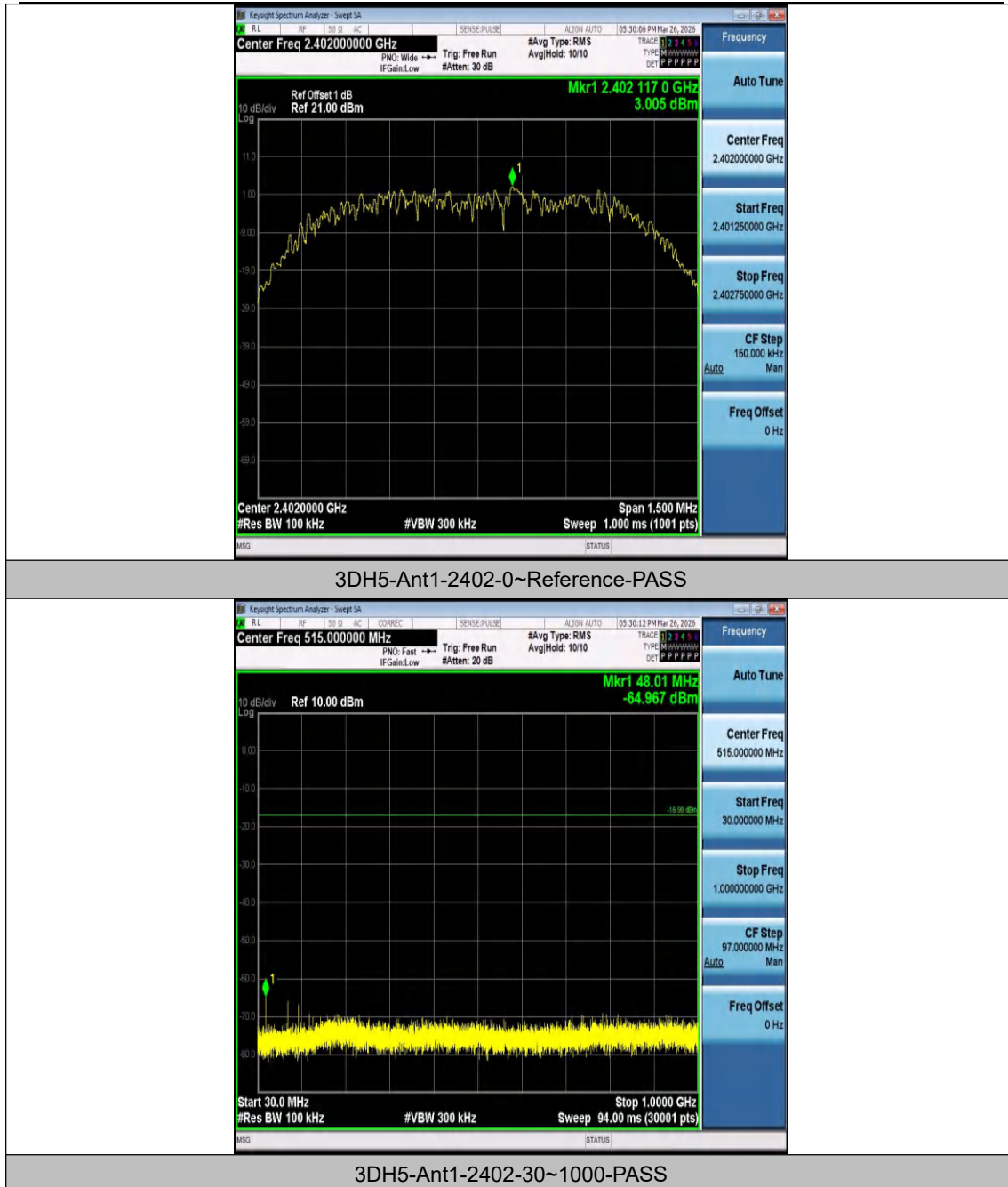




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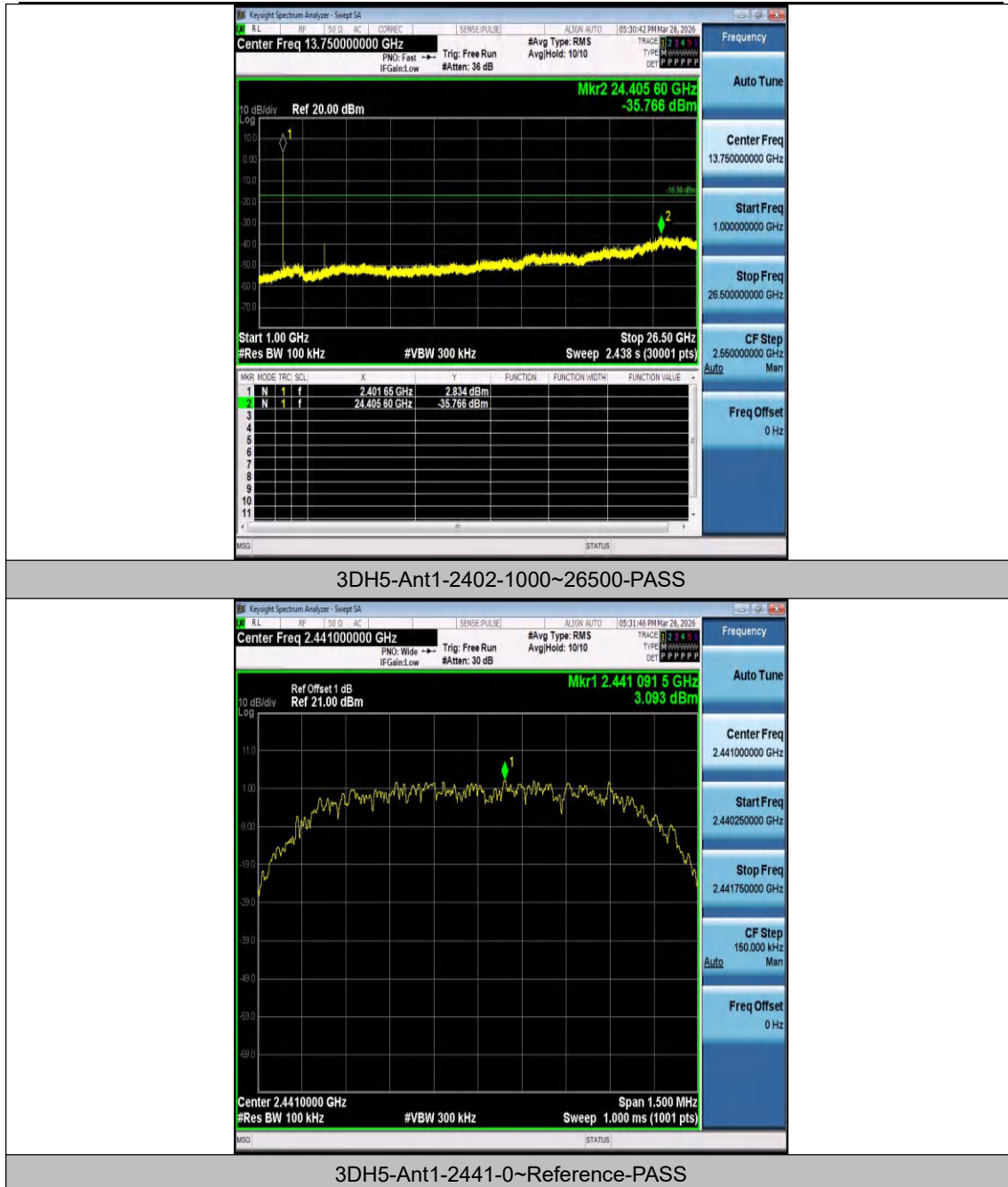
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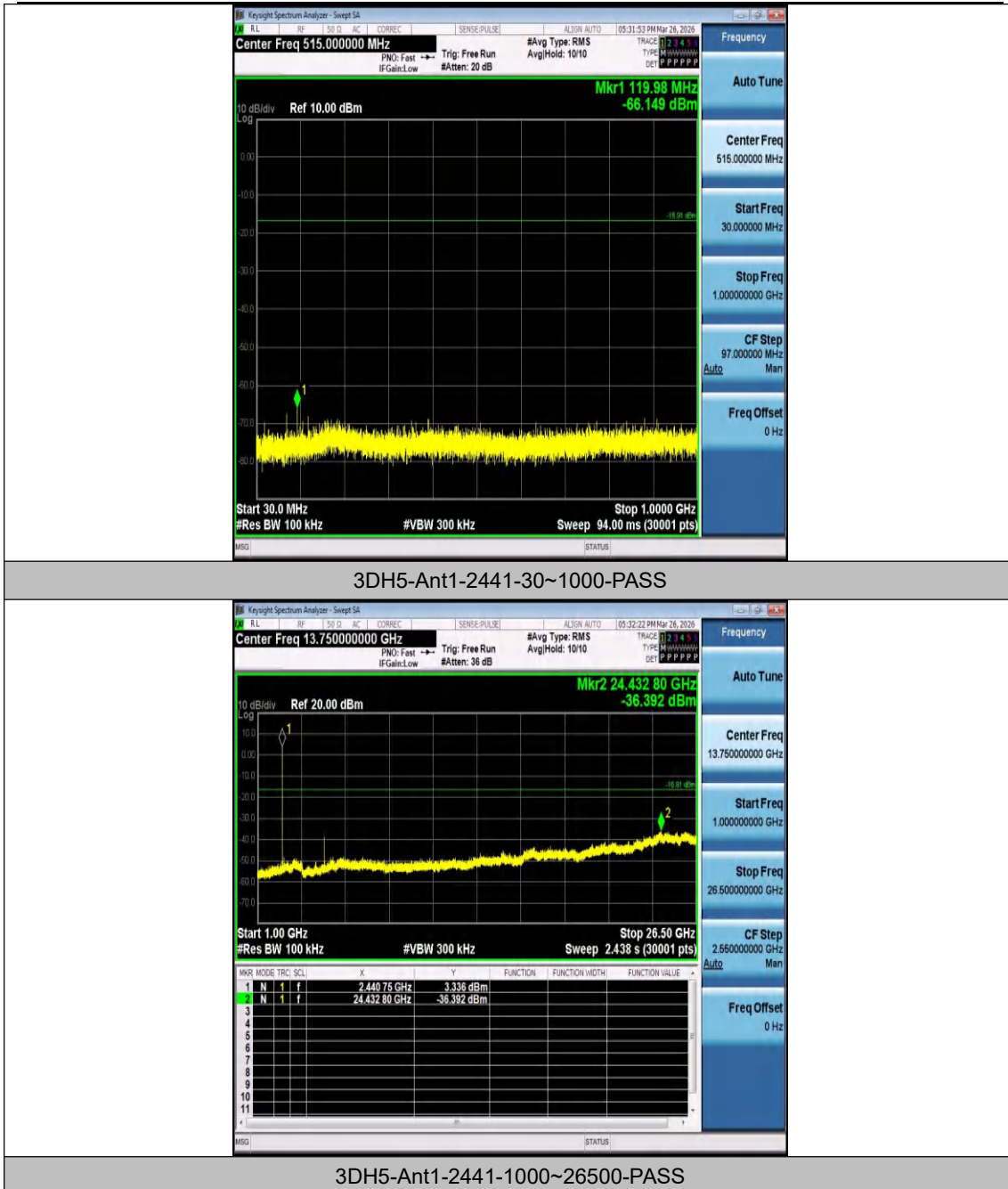
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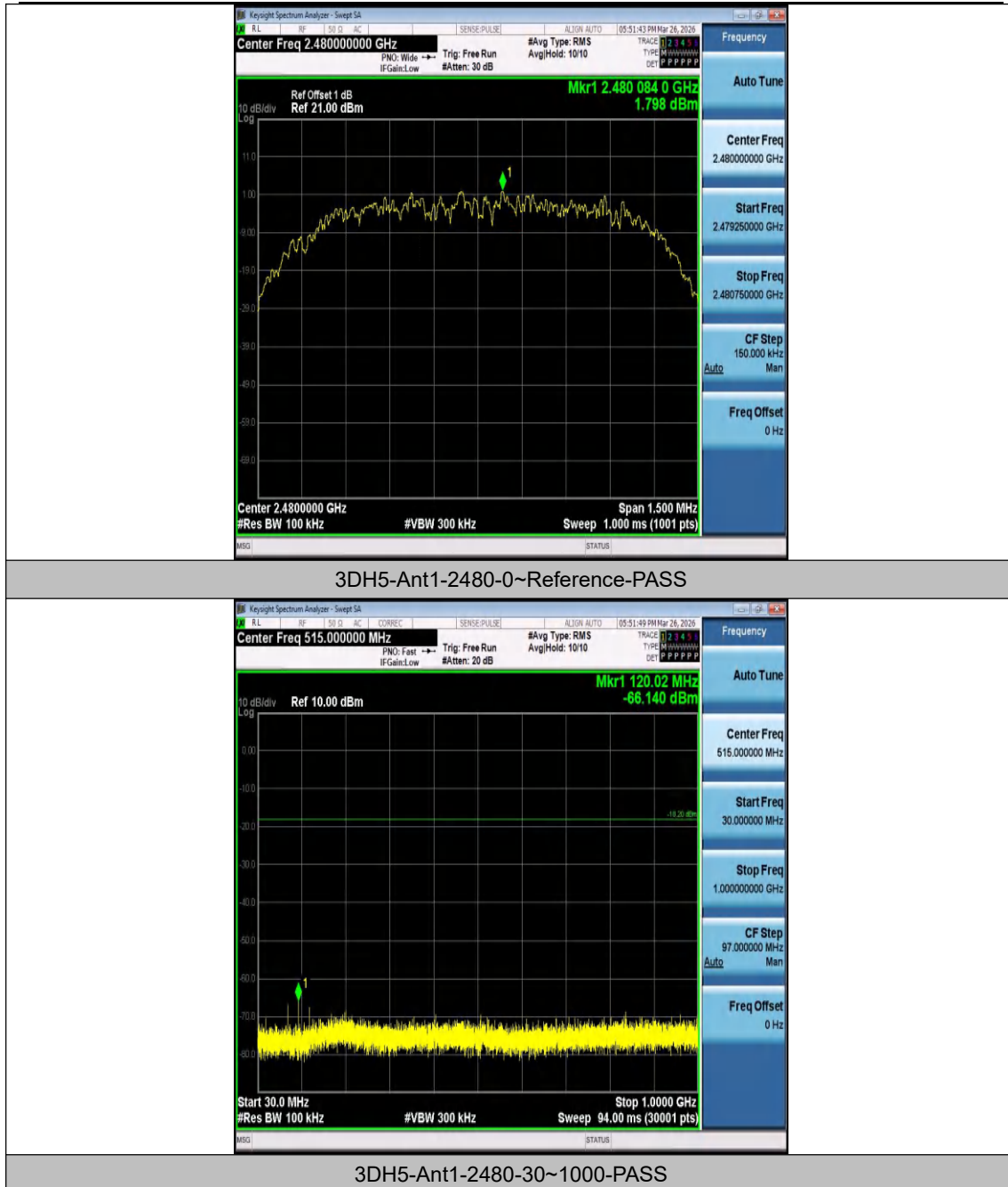


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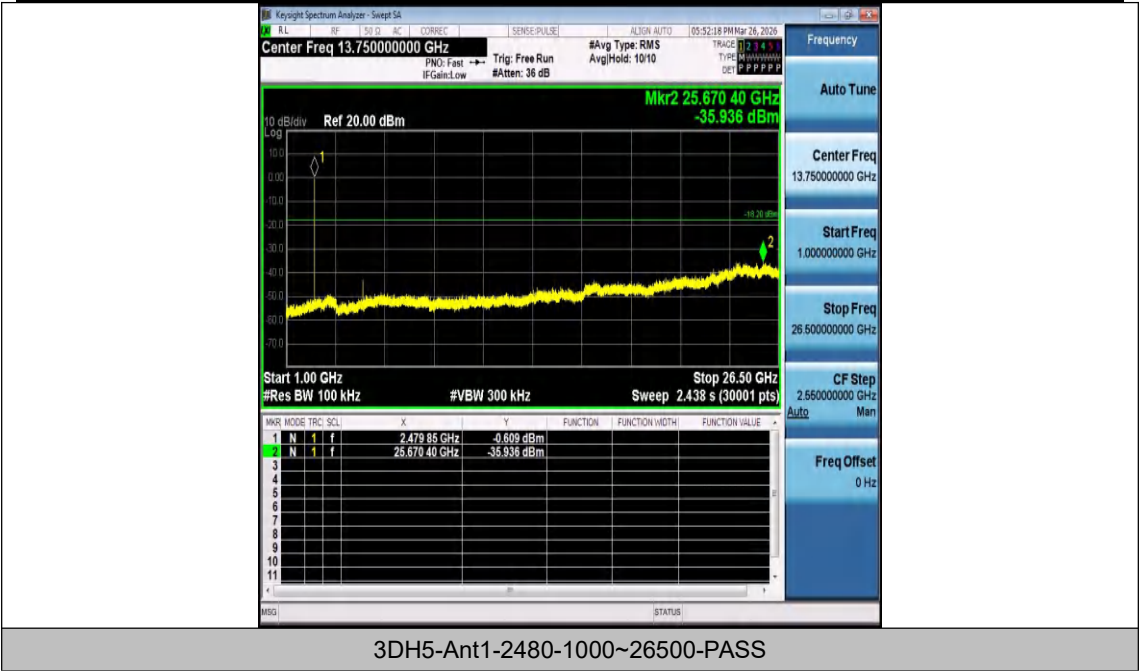




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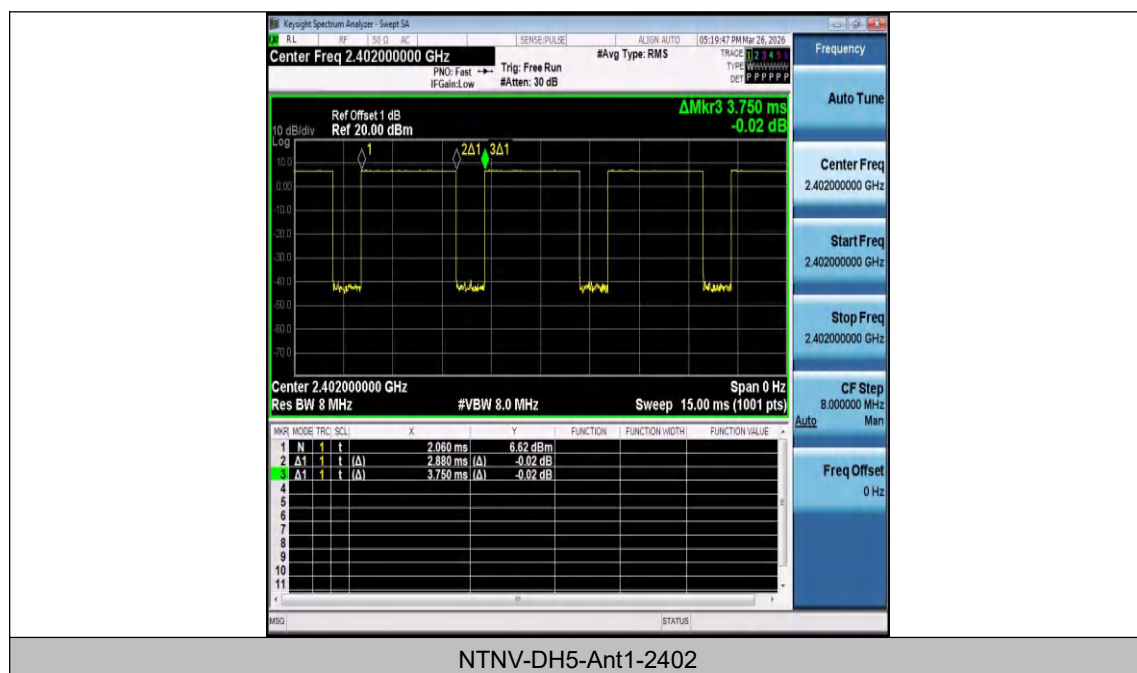
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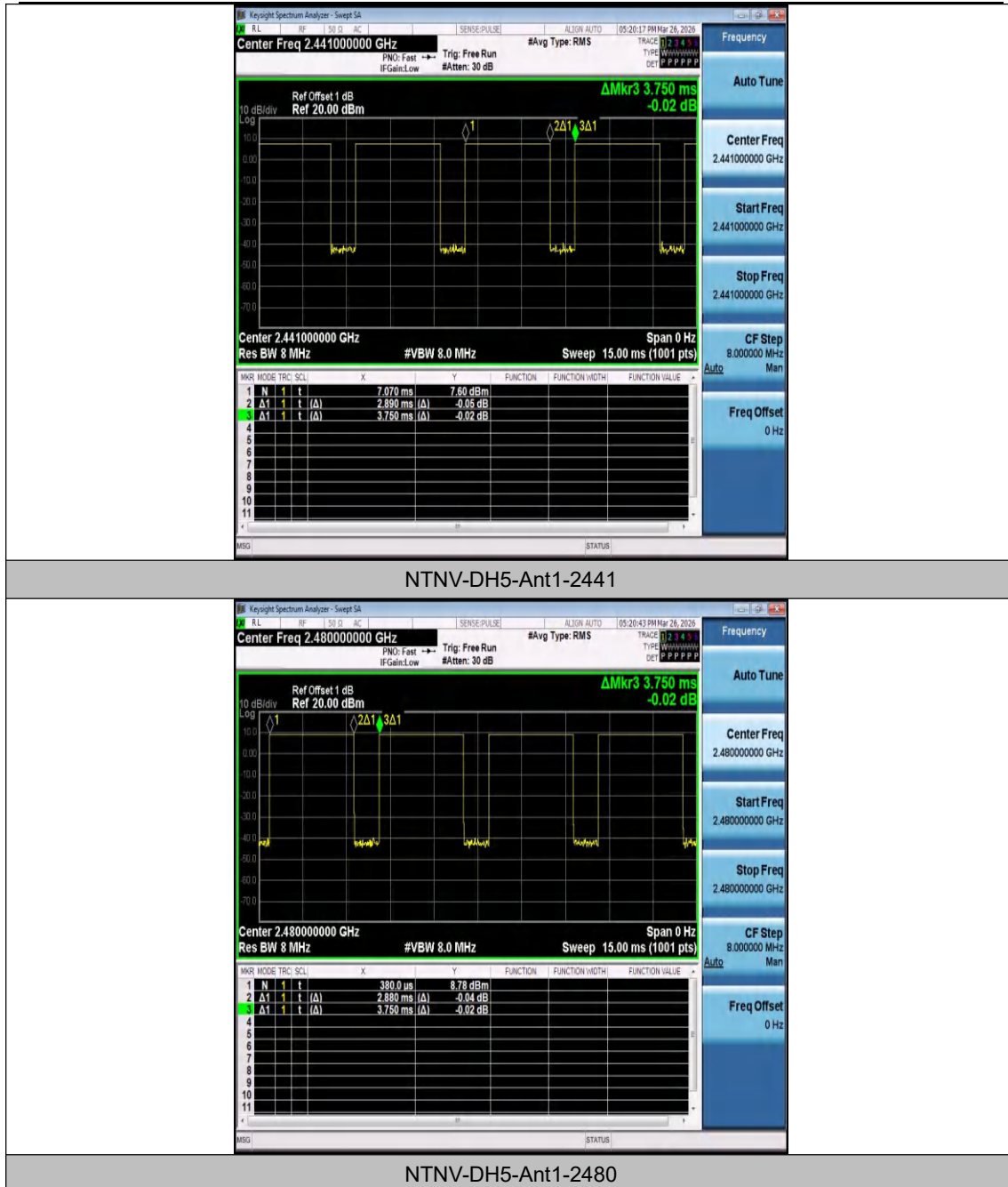
Appendix I: Duty Cycle

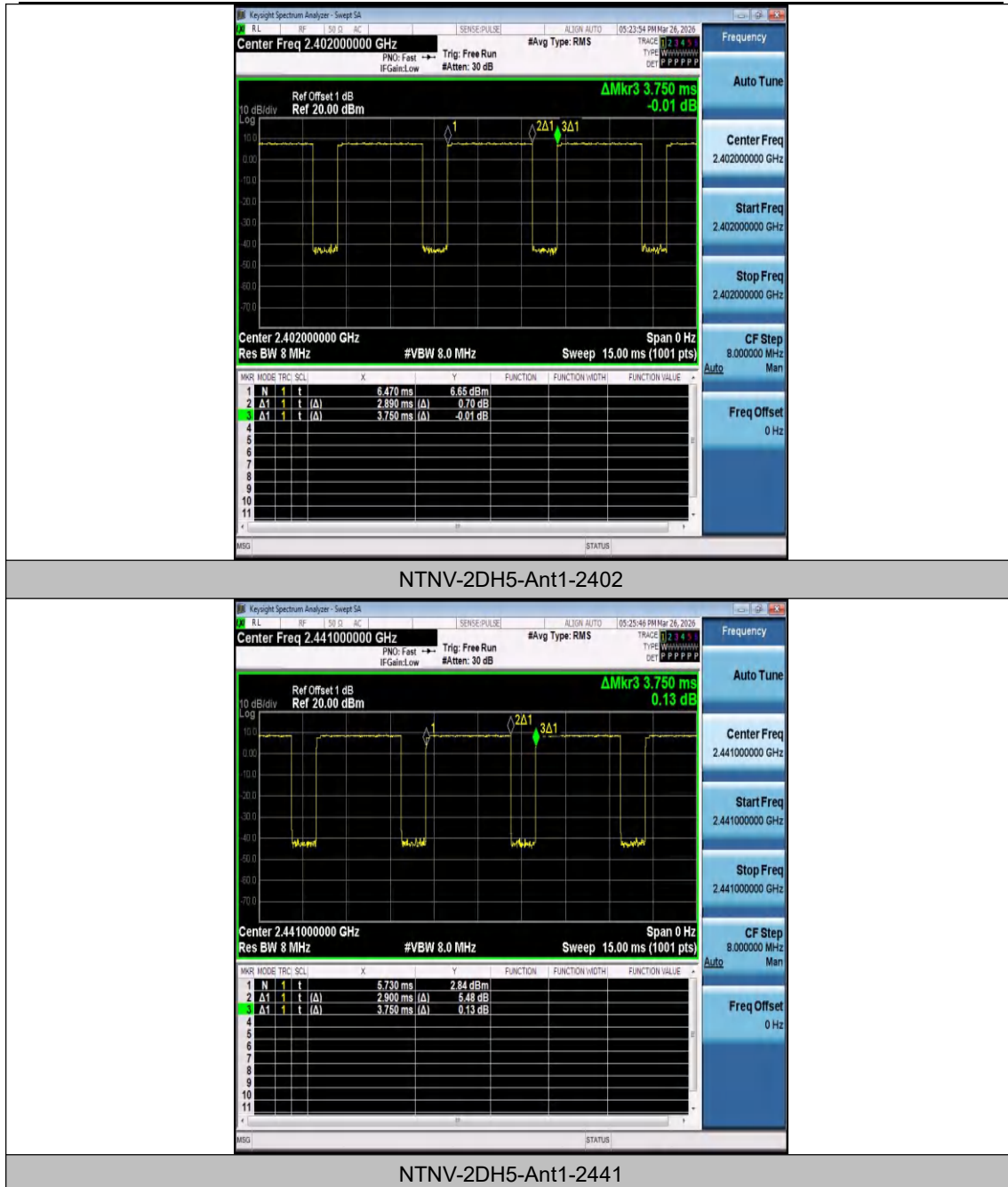
Test Result

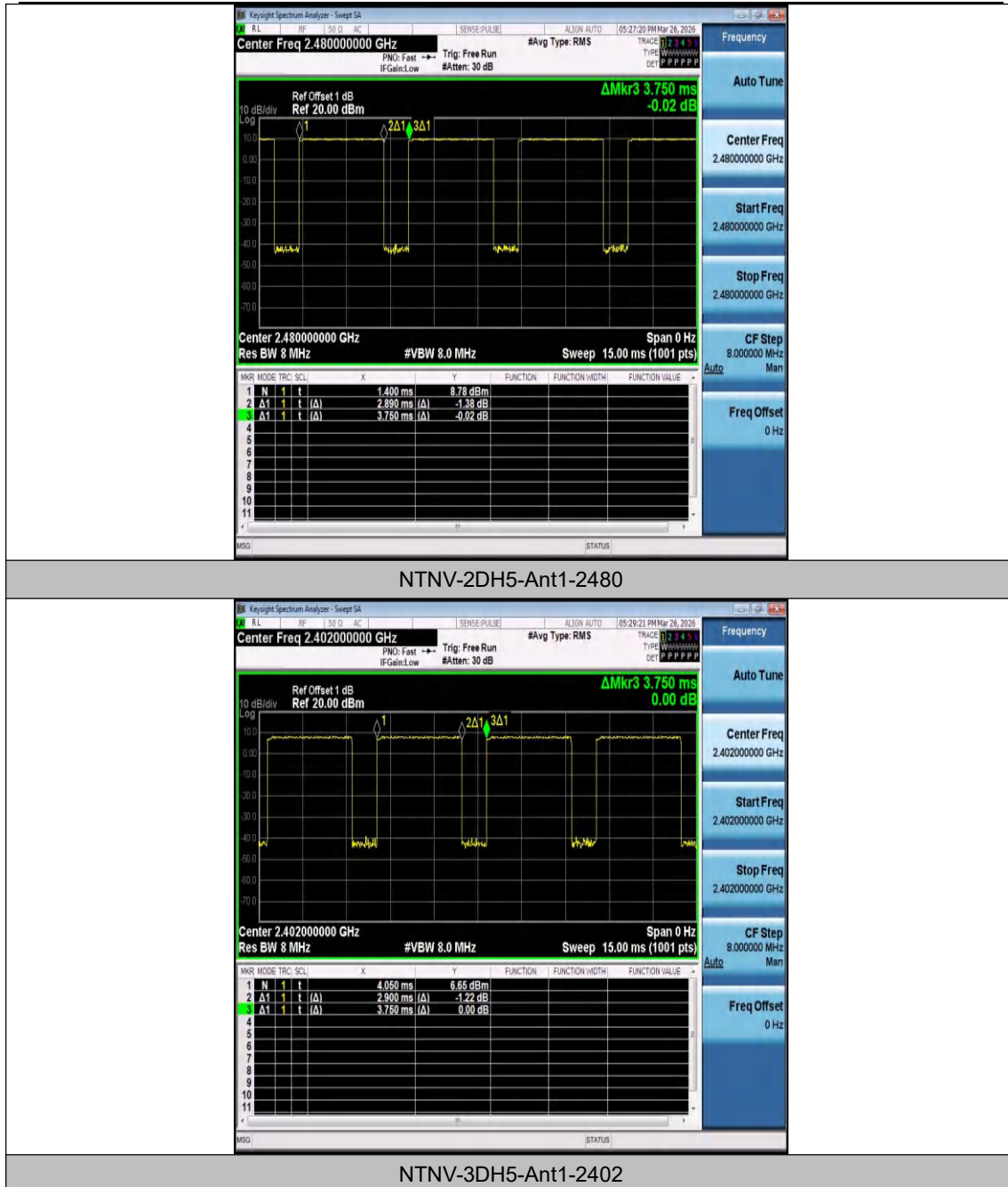
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.88	3.75	76.80	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.90	3.75	77.33	1.12
2DH5	Ant1	2480	2.89	3.75	77.07	1.13
3DH5	Ant1	2402	2.90	3.75	77.33	1.12
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.91	3.75	77.60	1.10

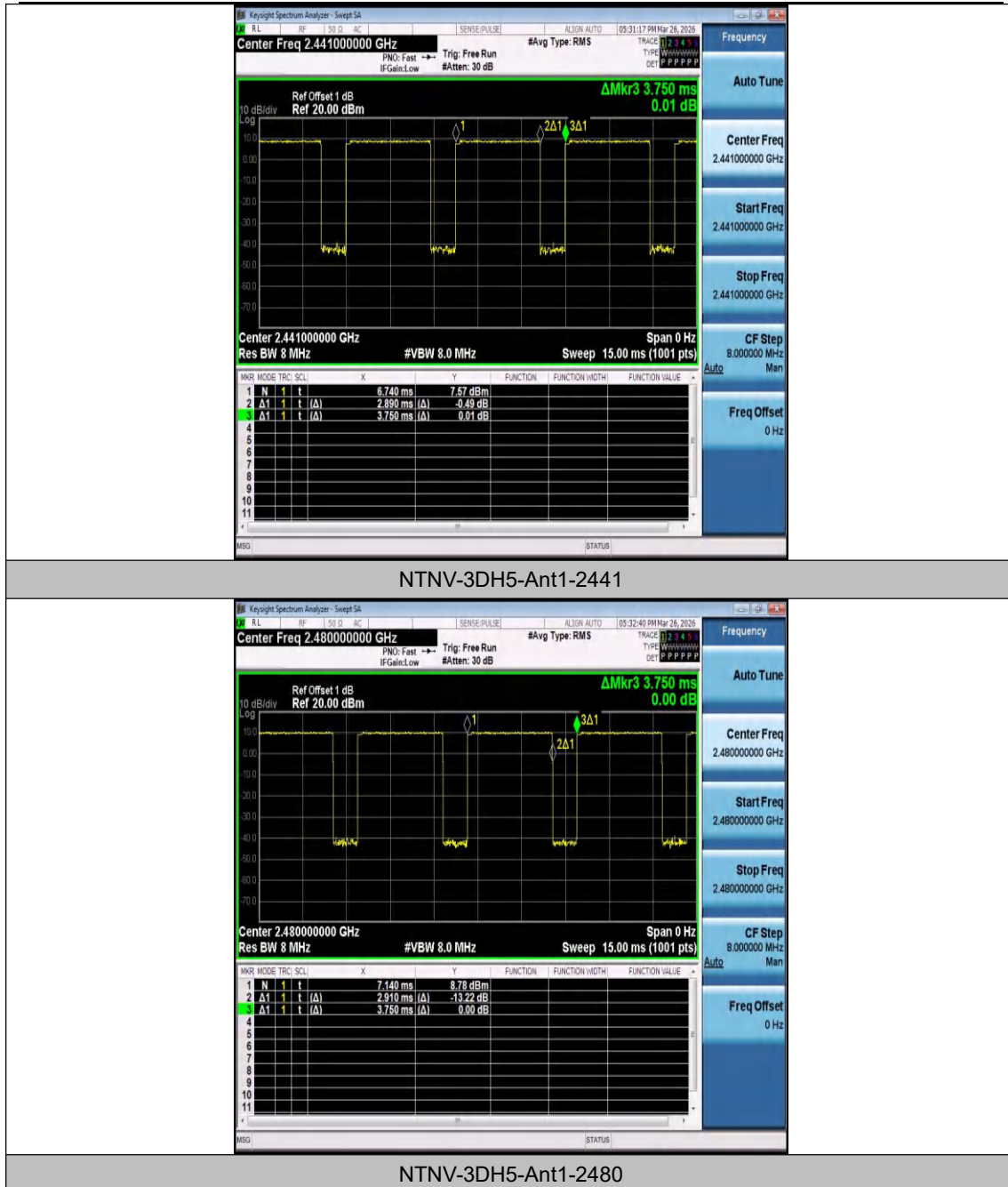
Test Graphs











---End---