

Appendix Test Data

Report No.:	1812C50568712501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-31	Finish Test Date:	2025-10-31
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.9°C	Relative Humidity:	51%
Pressure:	101kPa		

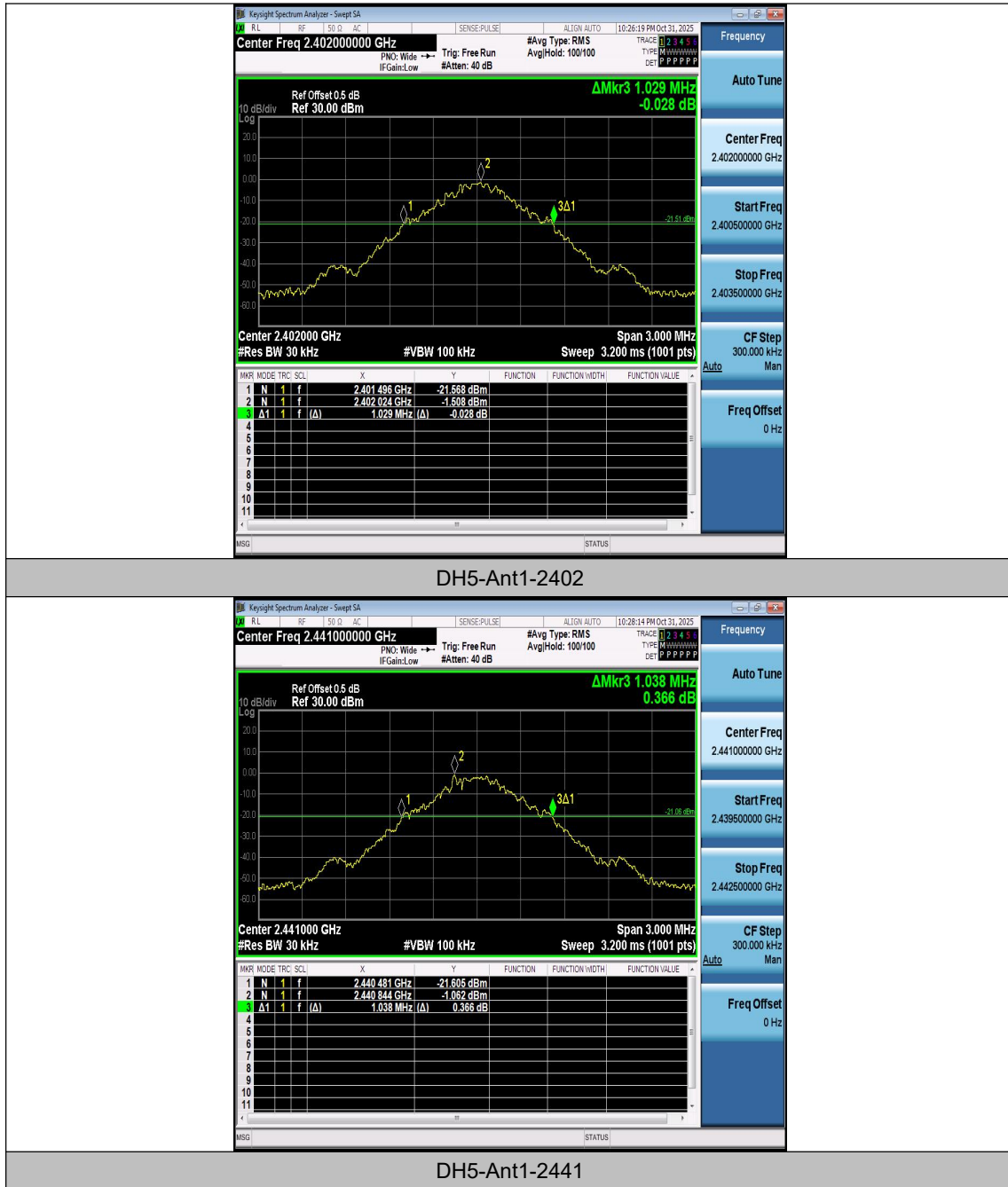


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.496	2402.525	---	---
DH5	Ant1	2441	1.038	2440.481	2441.519	---	---
DH5	Ant1	2480	1.059	2479.463	2480.522	---	---

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	0.91363	2401.5454	2402.4591	---	---
DH5	Ant1	2441	0.94017	2440.5321	2441.4722	---	---
DH5	Ant1	2480	0.94146	2479.5316	2480.4730	---	---

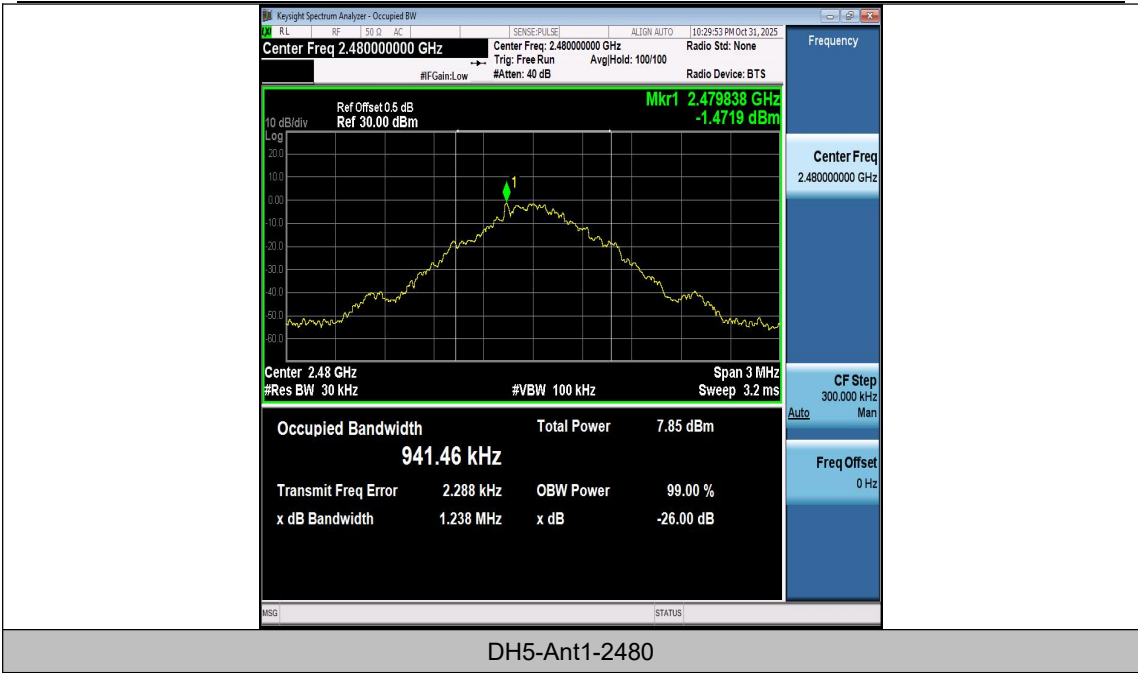
Test Graphs



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DH5-Ant1-2480

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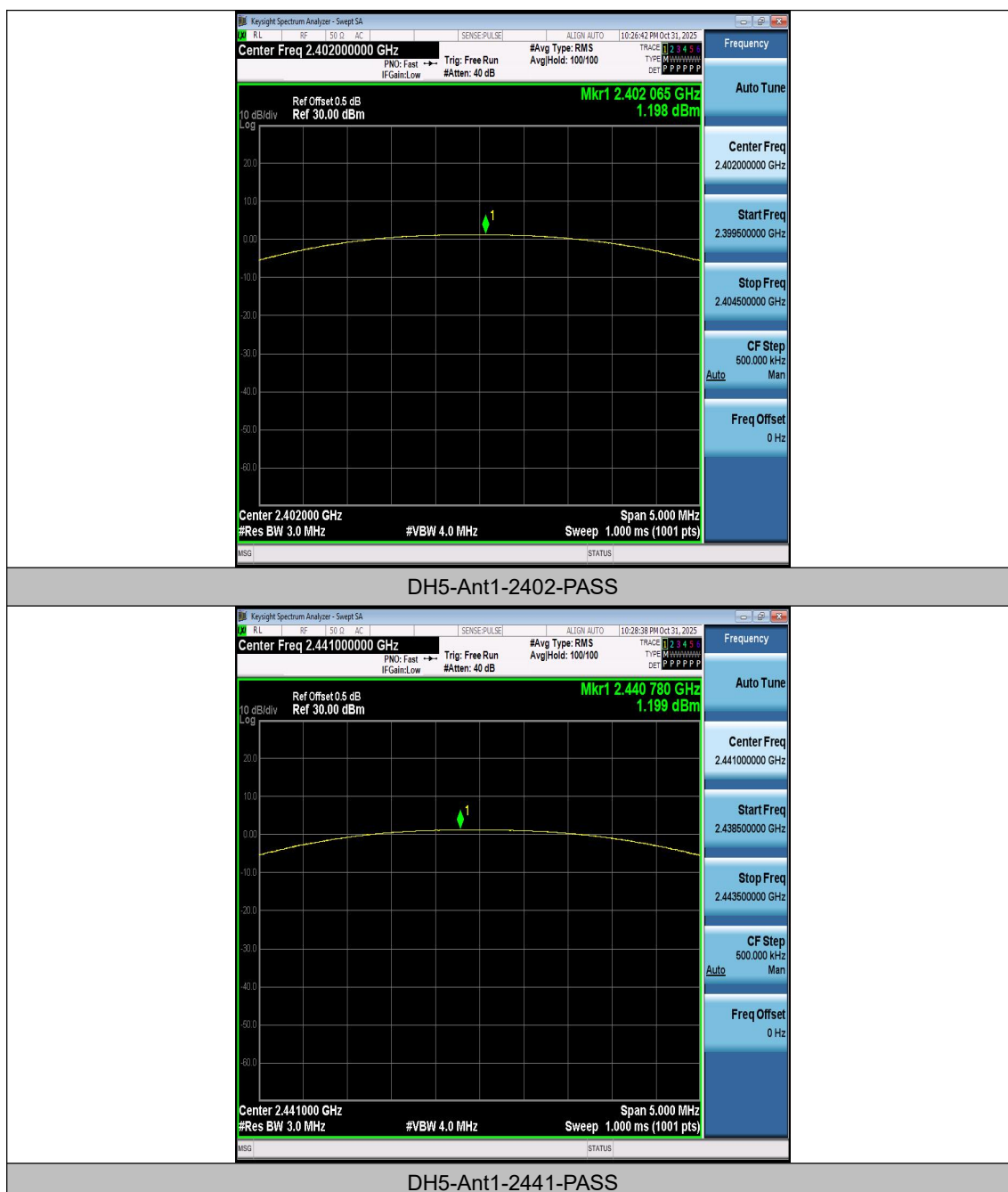
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.20	≤20.97	PASS
DH5	Ant1	2441	1.20	≤20.97	PASS
DH5	Ant1	2480	1.06	≤20.97	PASS

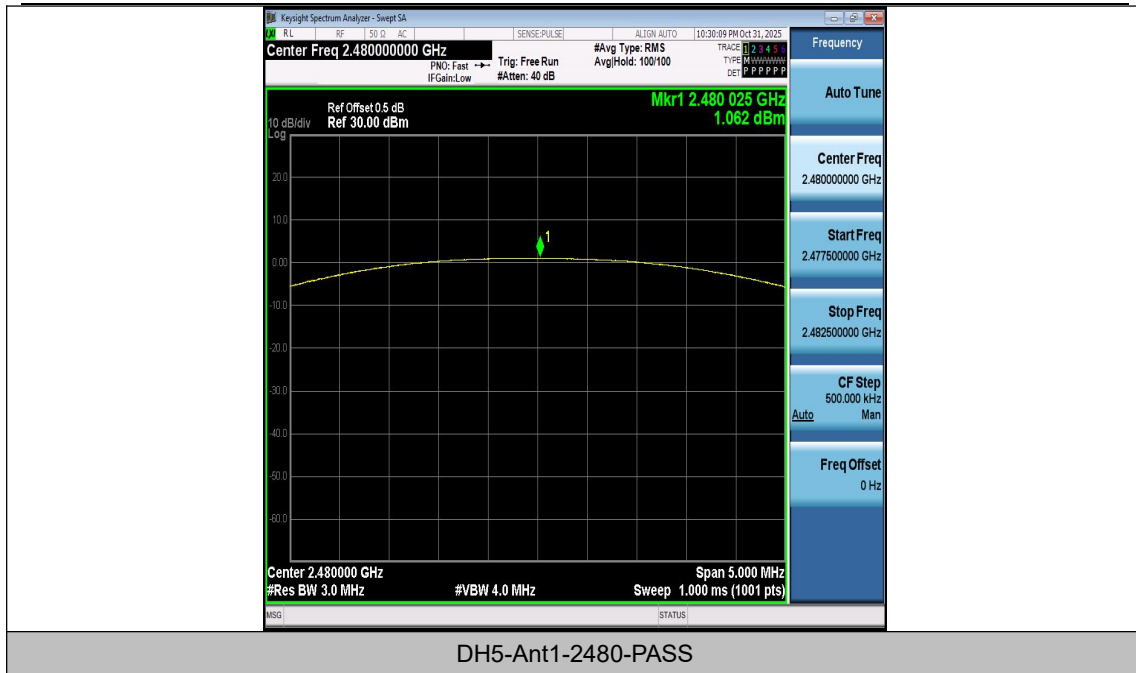
Test Graphs



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Appendix D: Carrier frequency separation

Test Result

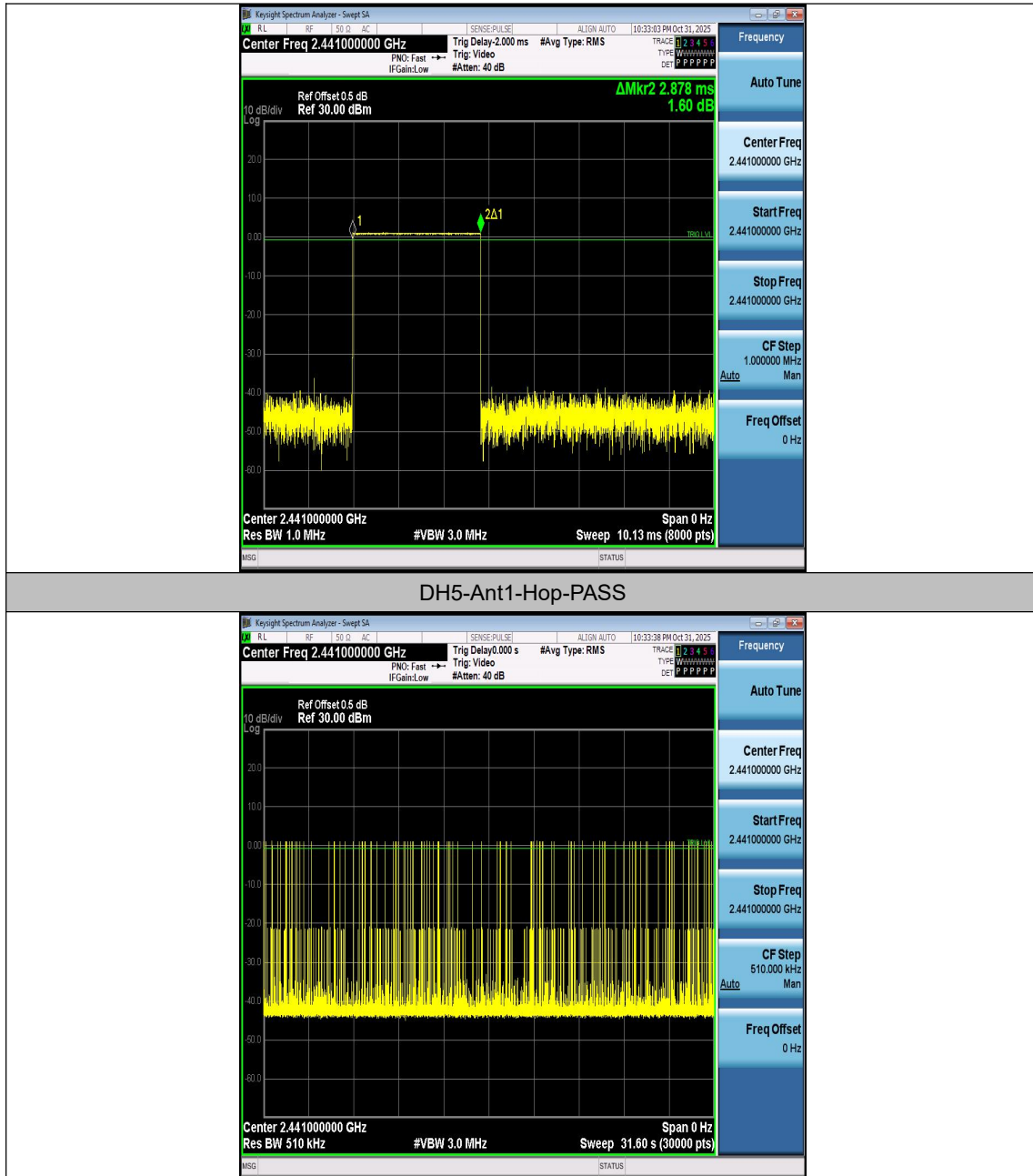
Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥0.706	PASS

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	108	0.311	≤0.4	PASS

Test Graphs



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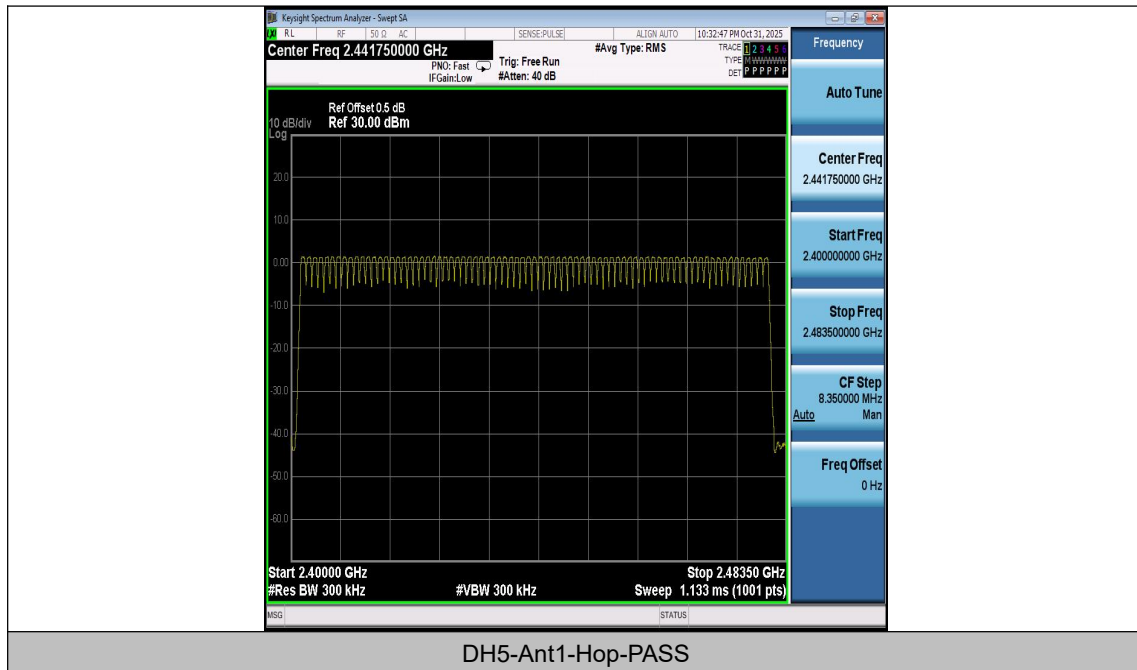
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



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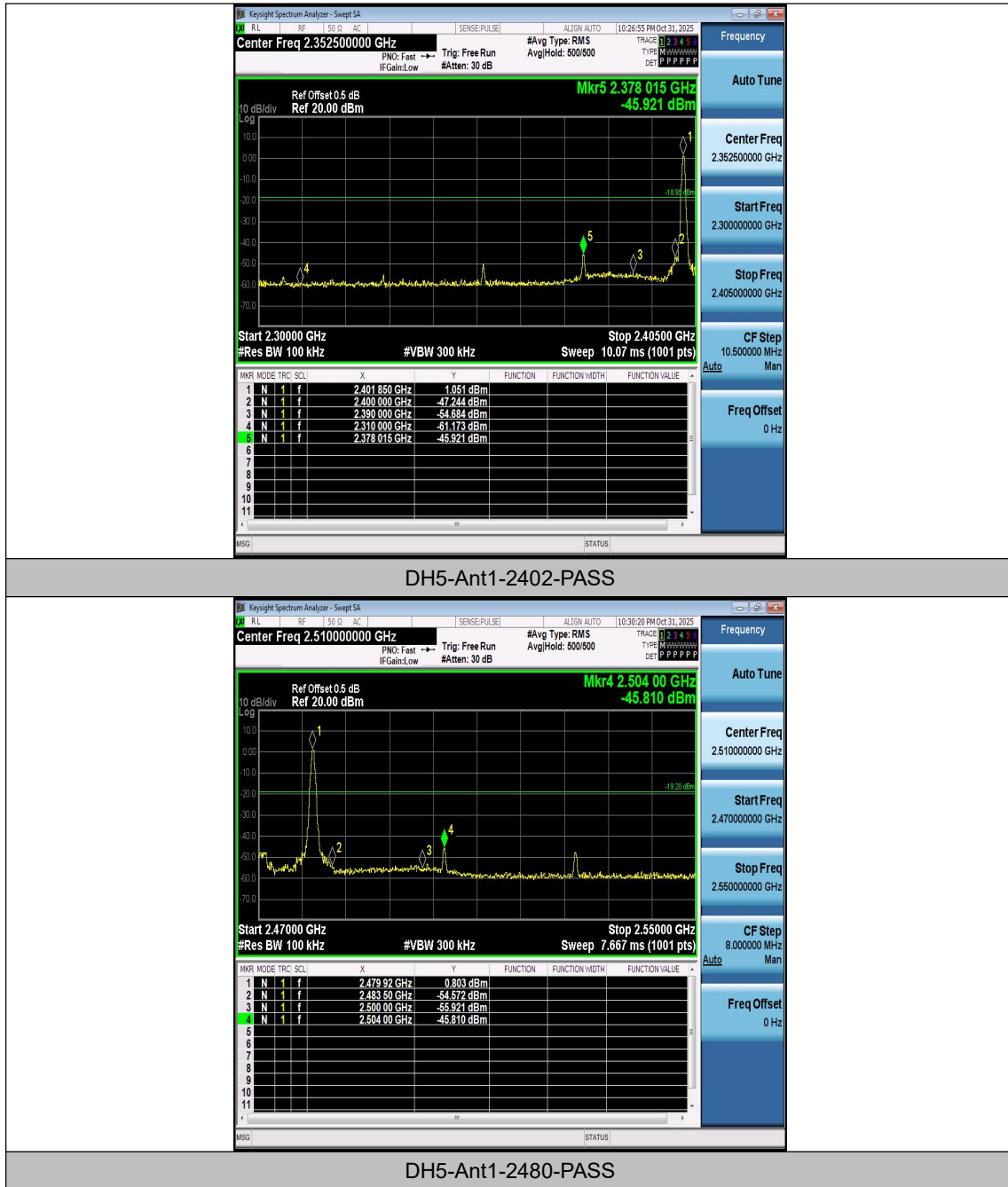
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.05	-45.92	≤-18.95	PASS
DH5	Ant1	High	2480	0.80	-45.81	≤-19.2	PASS
DH5	Ant1	Low	Hop_2402	0.99	-45.85	≤-19.01	PASS
DH5	Ant1	High	Hop_2480	0.51	-45.23	≤-19.49	PASS

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

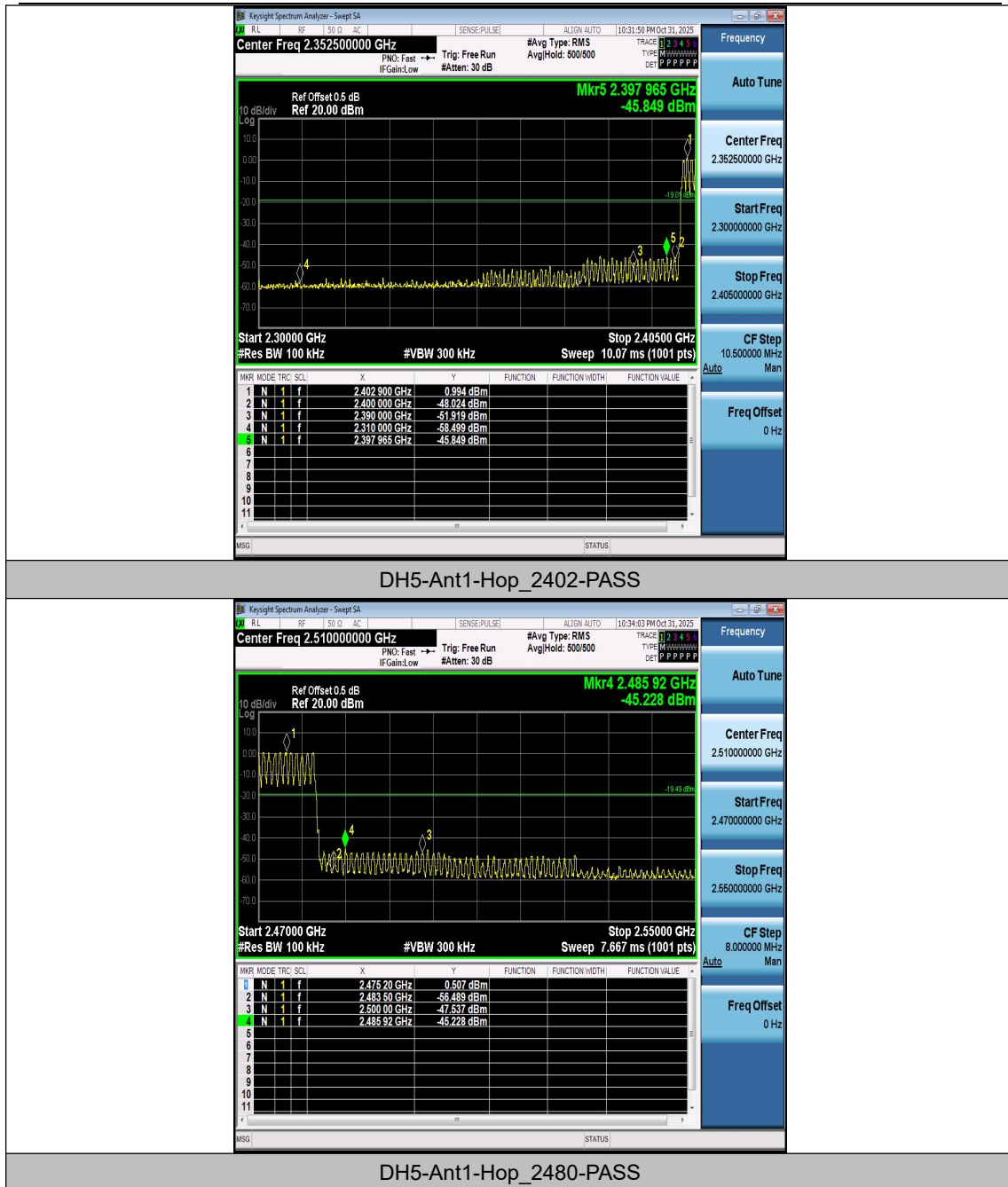
Test Graphs



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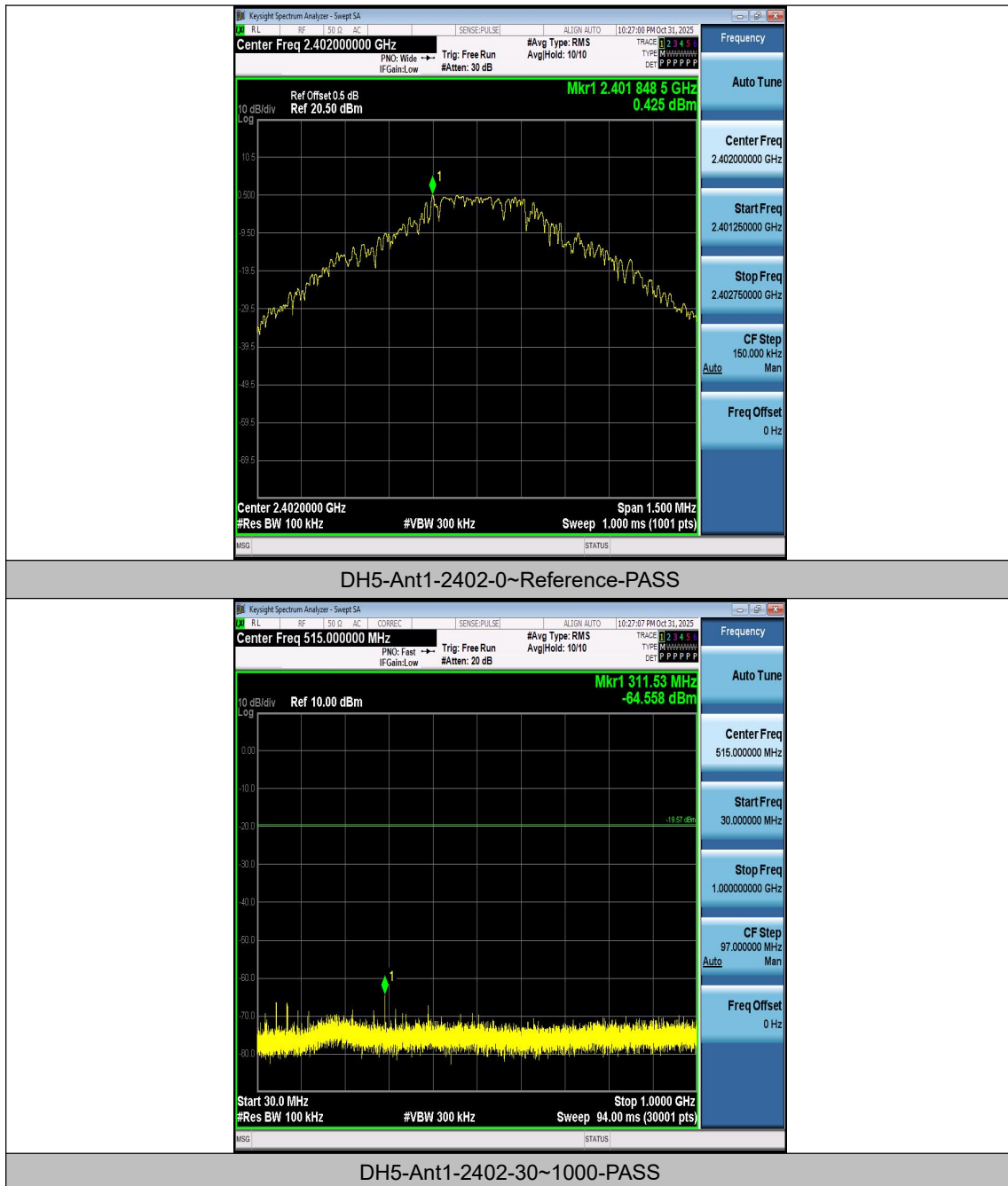
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.43	0.43	---	PASS
DH5	Ant1	2402	30~1000	0.43	-64.56	≤-19.57	PASS
DH5	Ant1	2402	1000~26500	0.43	-40.72	≤-19.57	PASS
DH5	Ant1	2441	0~Reference	0.46	0.46	---	PASS
DH5	Ant1	2441	30~1000	0.46	-64.49	≤-19.54	PASS
DH5	Ant1	2441	1000~26500	0.46	-41.47	≤-19.54	PASS
DH5	Ant1	2480	0~Reference	0.52	0.52	---	PASS
DH5	Ant1	2480	30~1000	0.52	-64.98	≤-19.48	PASS
DH5	Ant1	2480	1000~26500	0.52	-40.26	≤-19.48	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

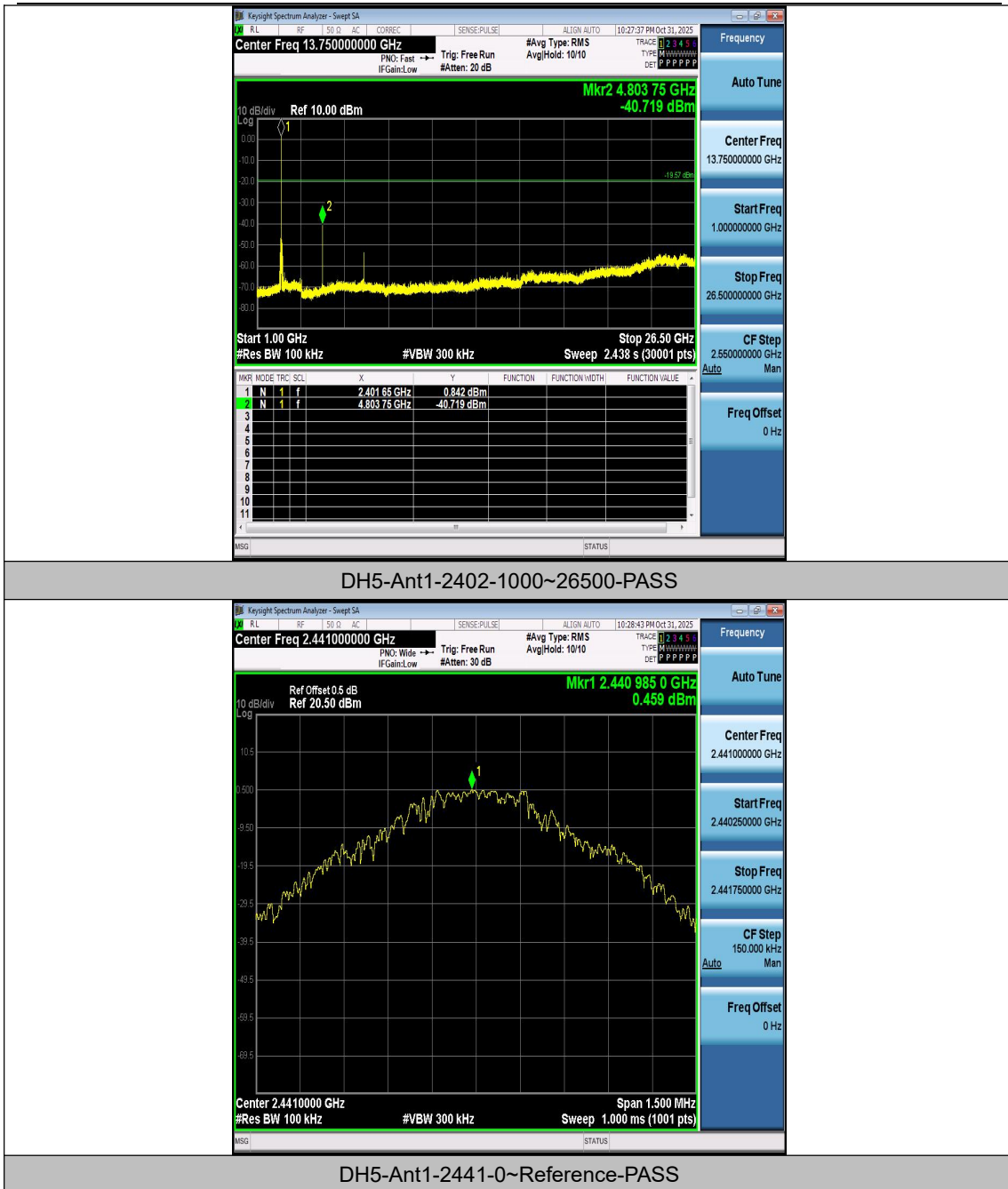
Test Graphs



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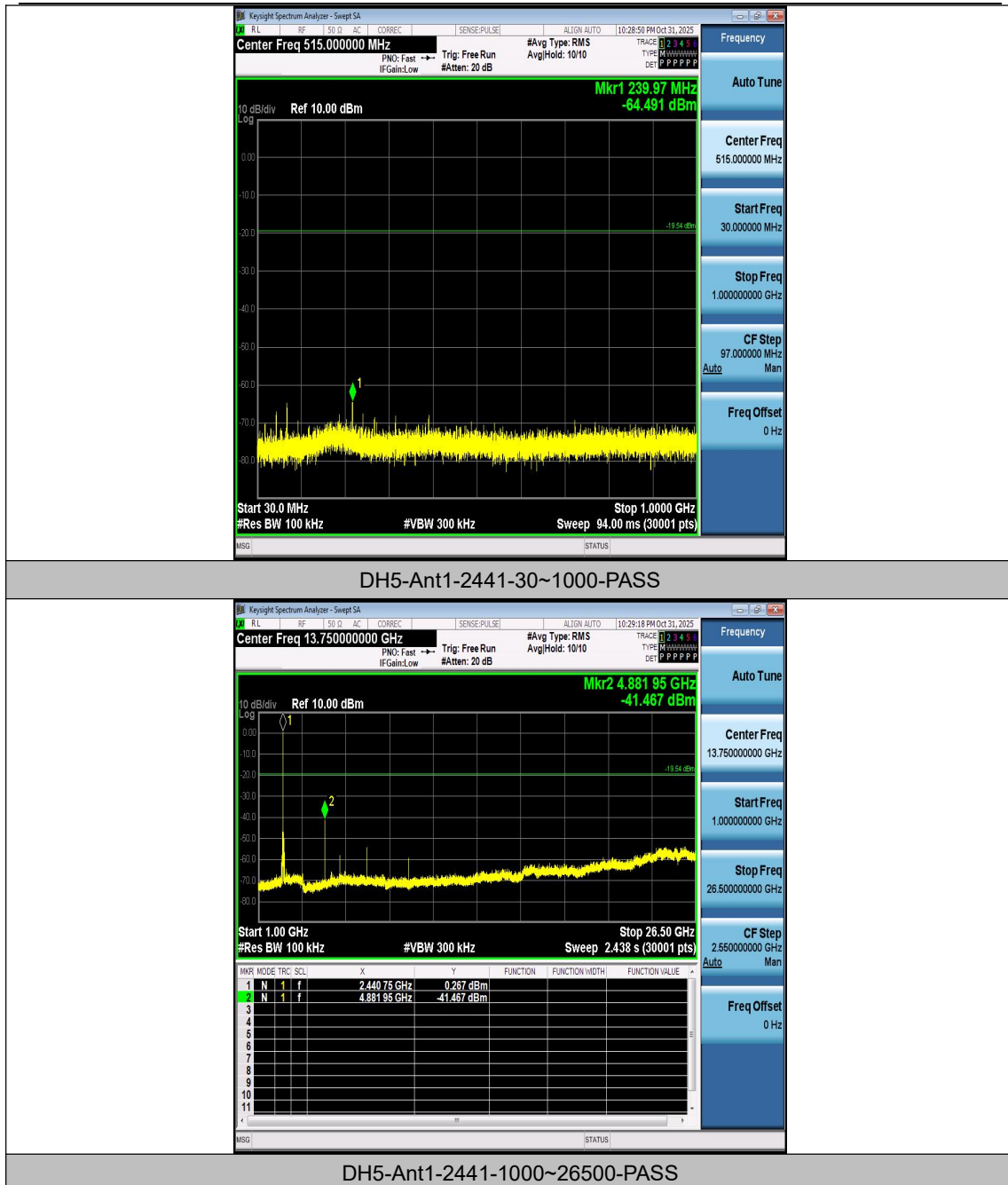
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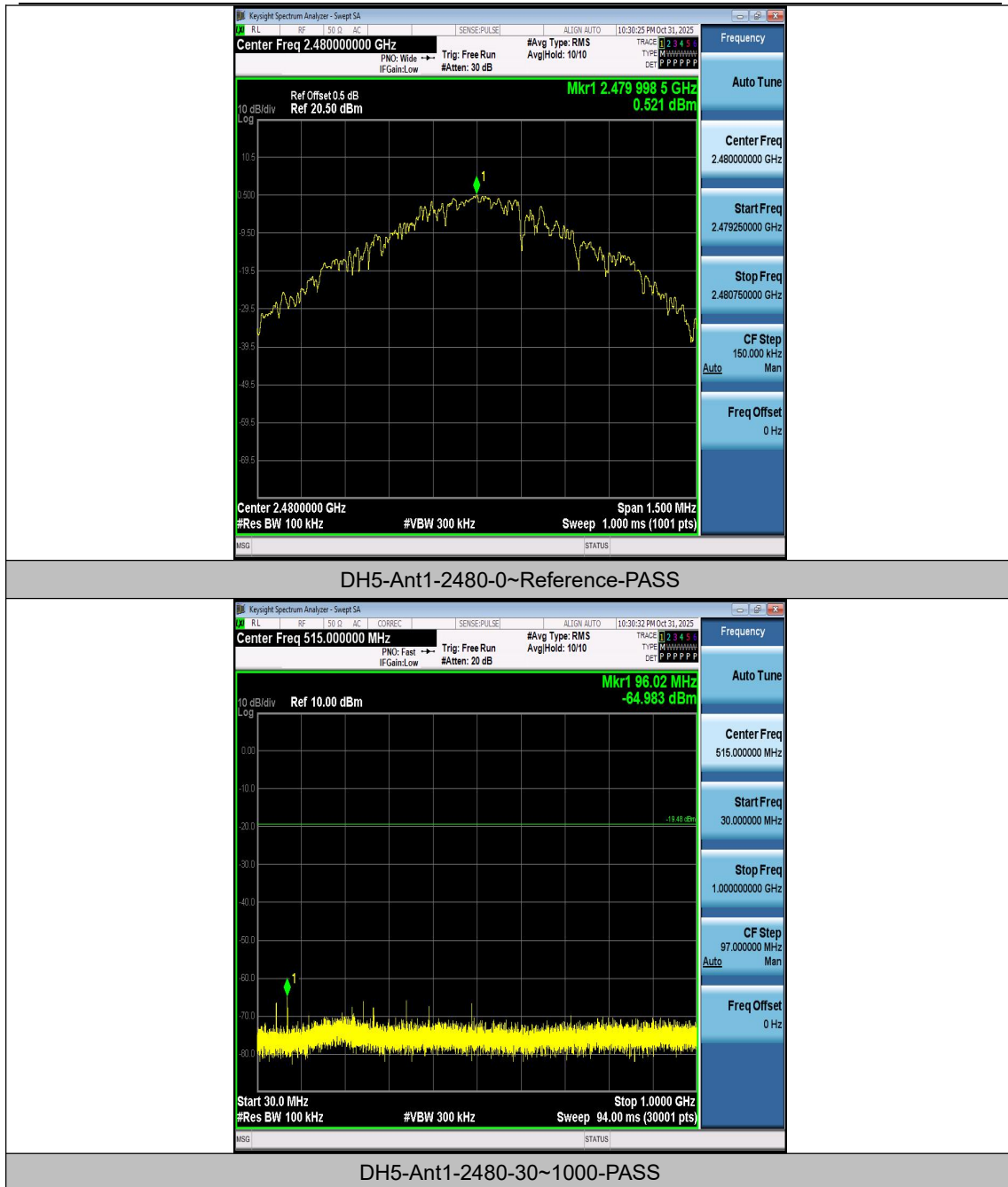
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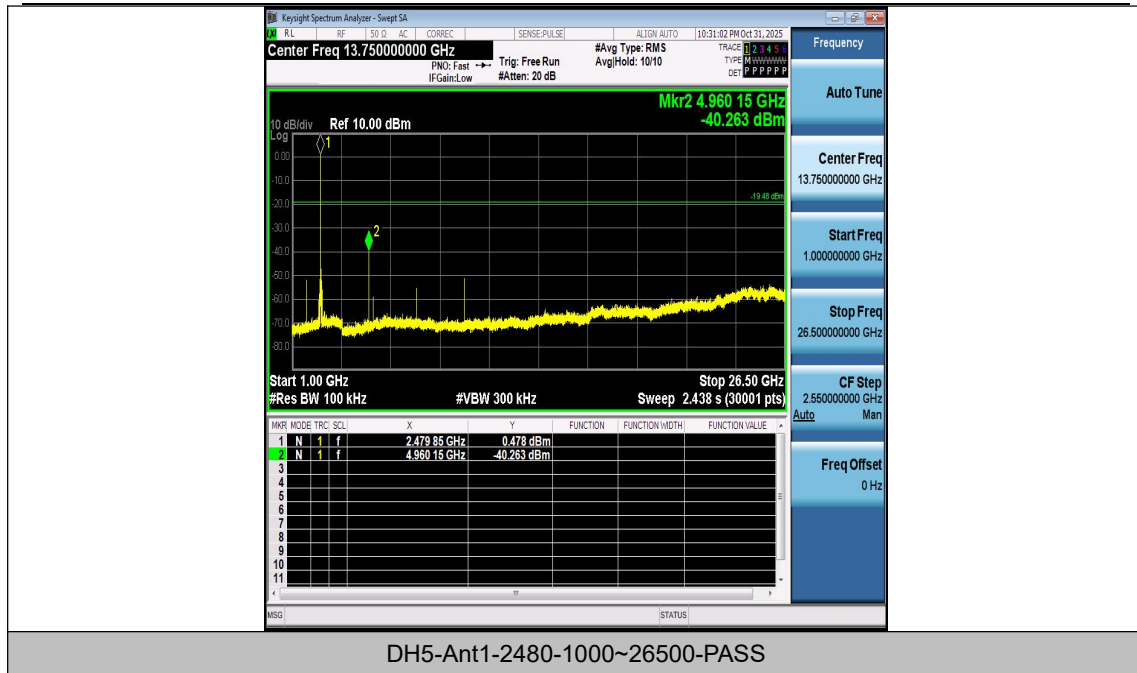
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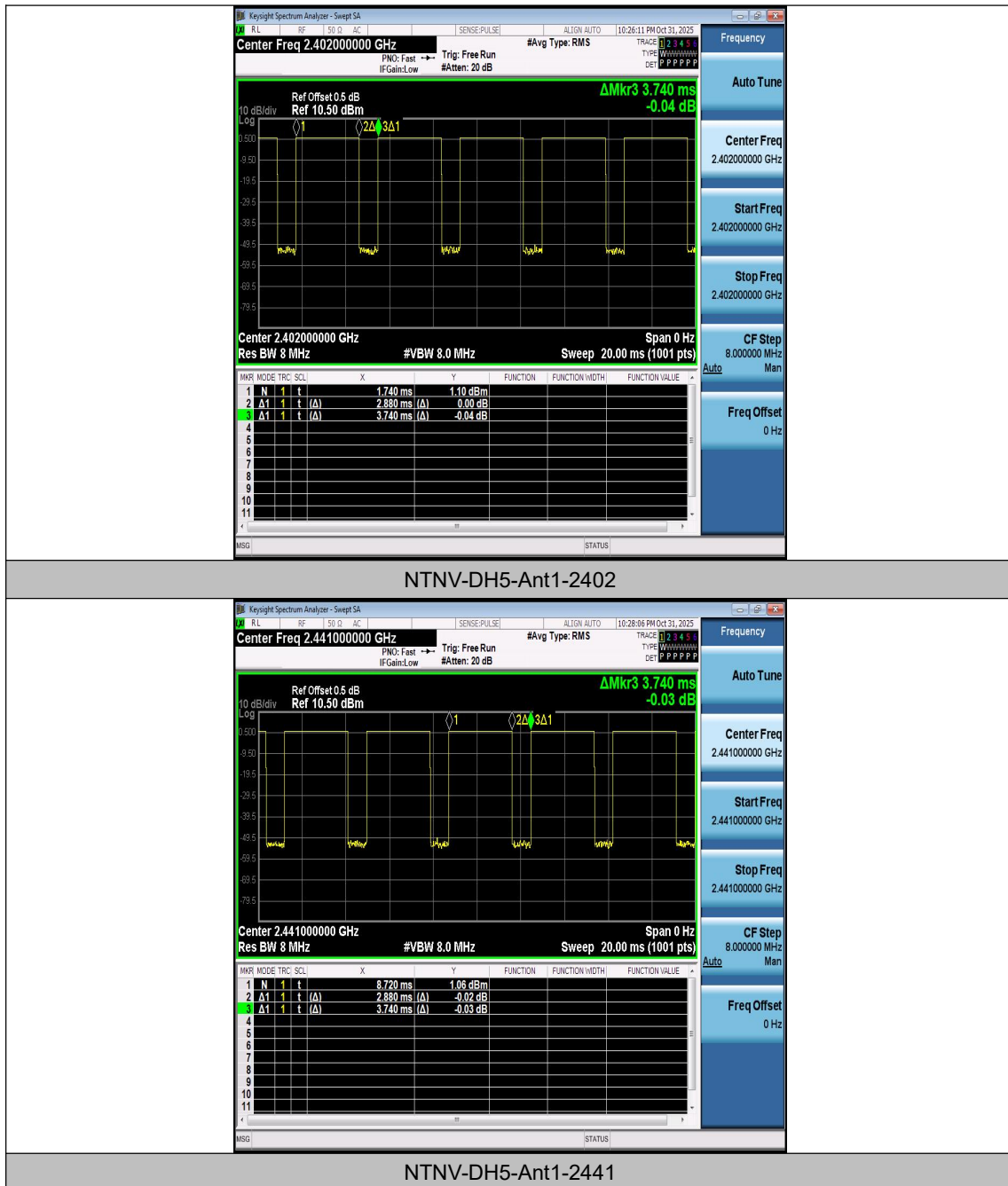
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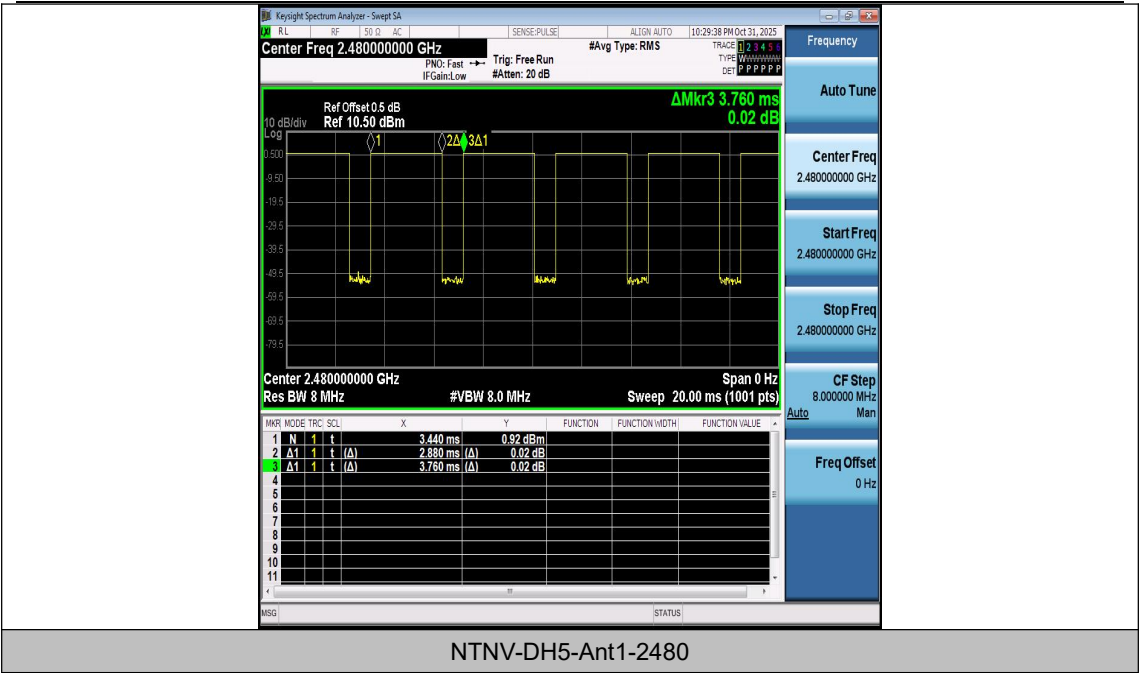
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.74	77.01	1.13
DH5	Ant1	2441	2.88	3.74	77.01	1.13
DH5	Ant1	2480	2.88	3.76	76.60	1.16

Test Graphs





NTNV-DH5-Ant1-2480

---End---