

Appendix Test Data

Report No.:	1812C50231012501	Test Sample No.:	1-2-2
Start Test Date:	2025-5-19	Finish Test Date:	2025-5-20
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	49%
Pressure:	101kPa		

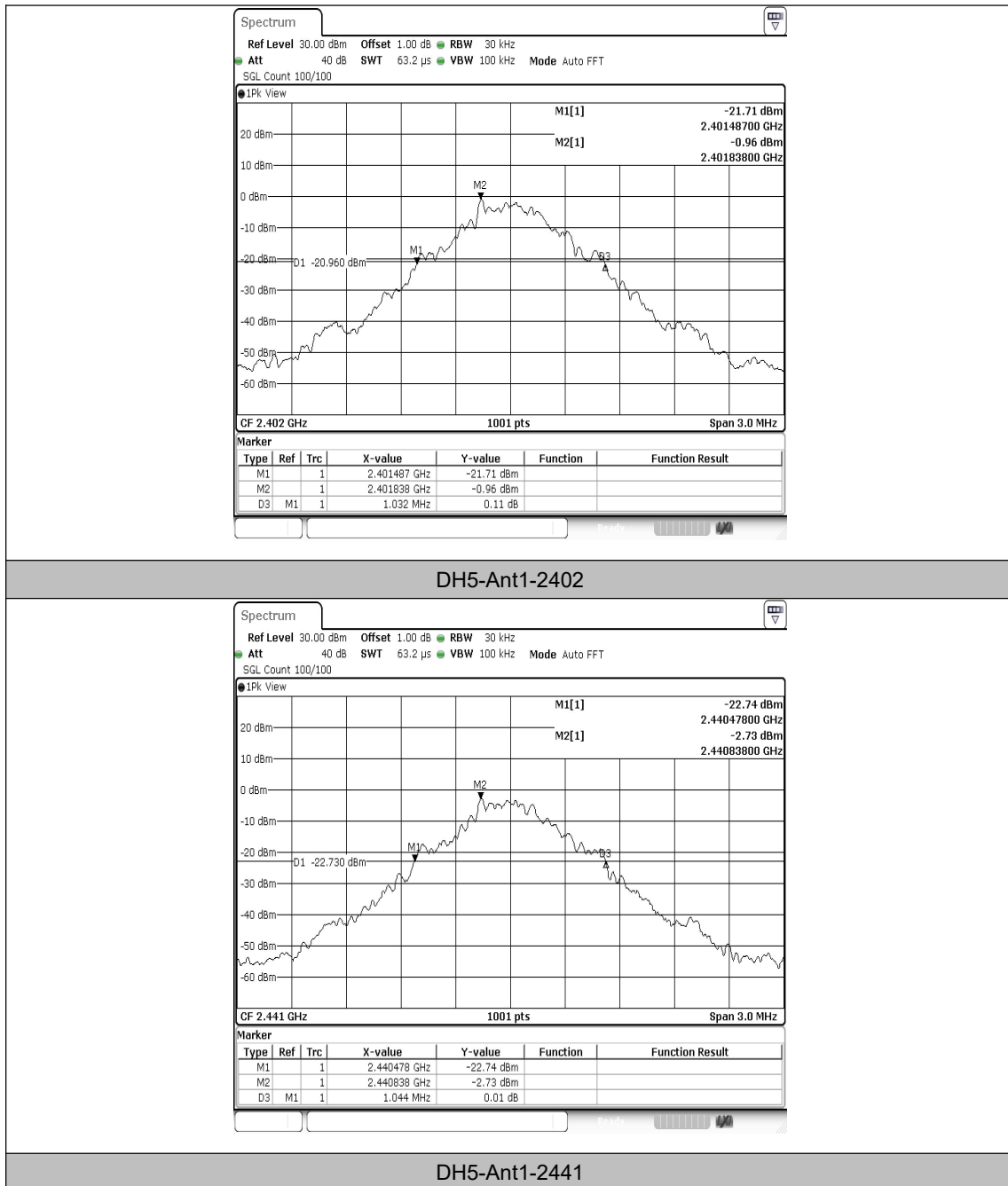
Appendix A: 20dB Bandwidth

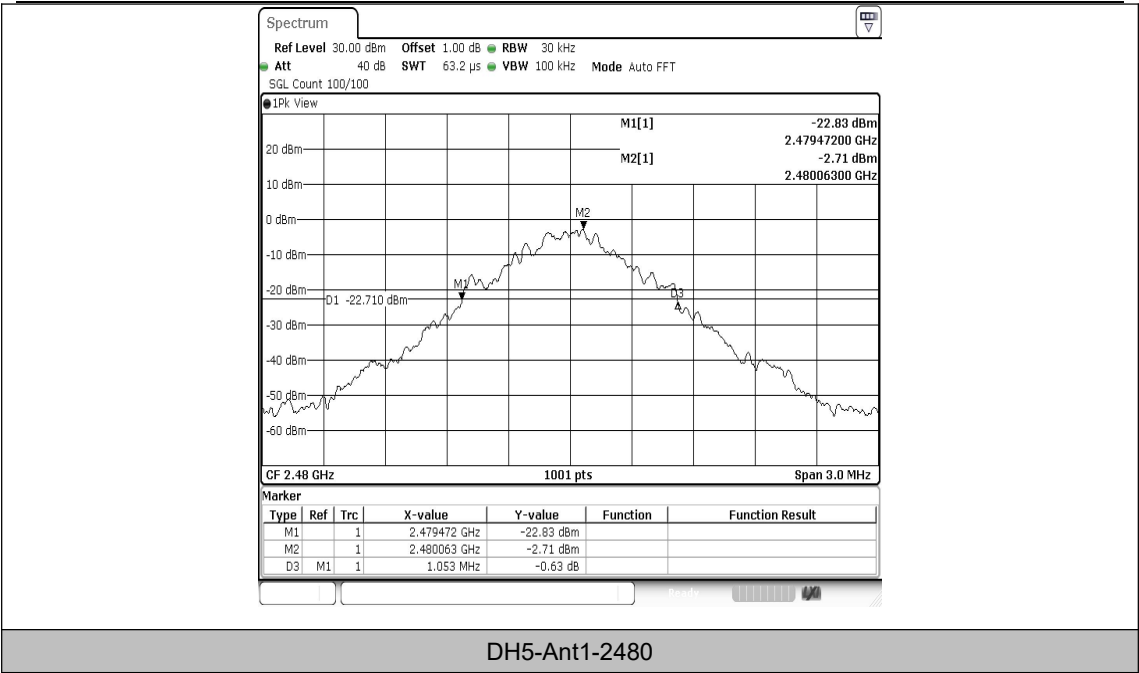
Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.03	2401.49	2402.52	---	---
DH5	Ant1	2441	1.04	2440.48	2441.52	---	---
DH5	Ant1	2480	1.05	2479.47	2480.53	---	---



Test Graphs





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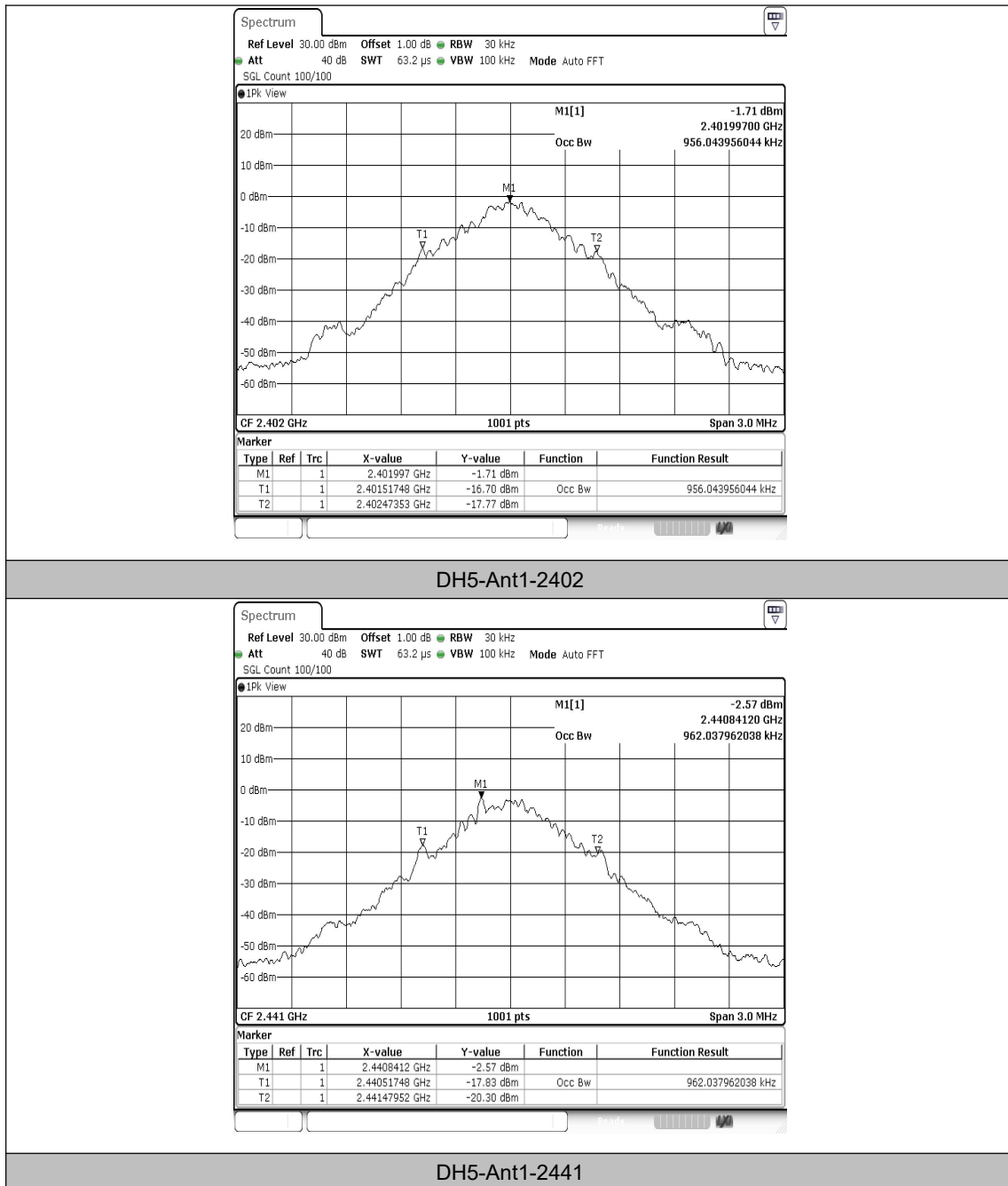
Appendix B: 99% Occupied Bandwidth

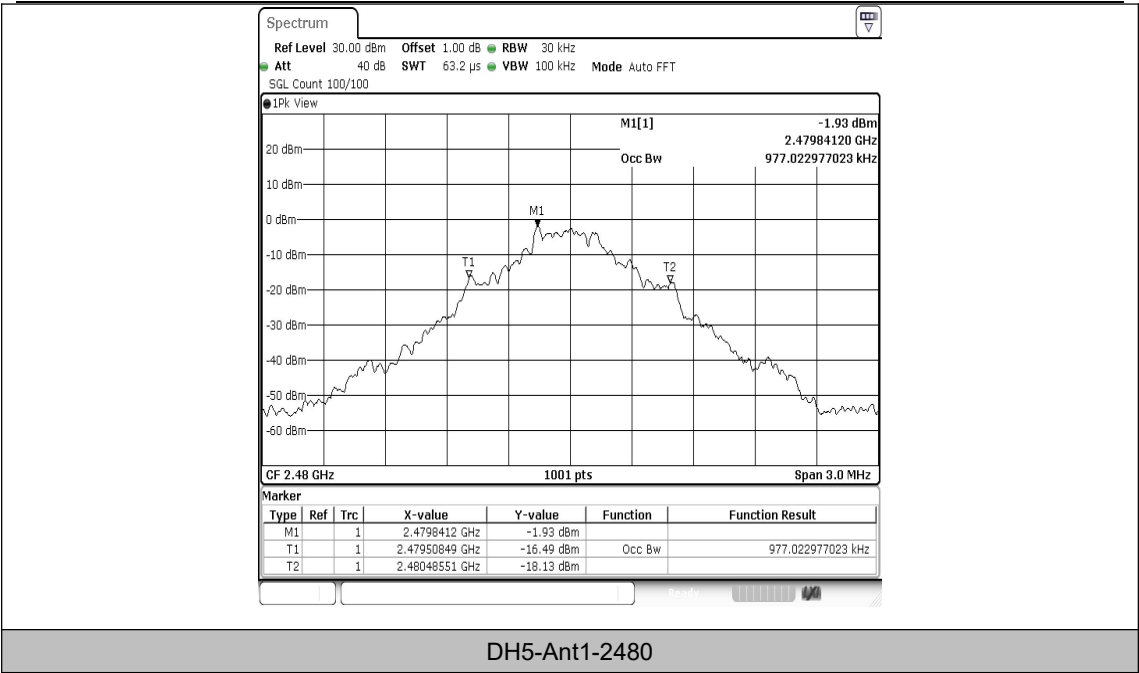
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95604	2401.5175	2402.4735	---	---
DH5	Ant1	2441	0.96204	2440.5175	2441.4795	---	---
DH5	Ant1	2480	0.97702	2479.5085	2480.4855	---	---



Test Graphs





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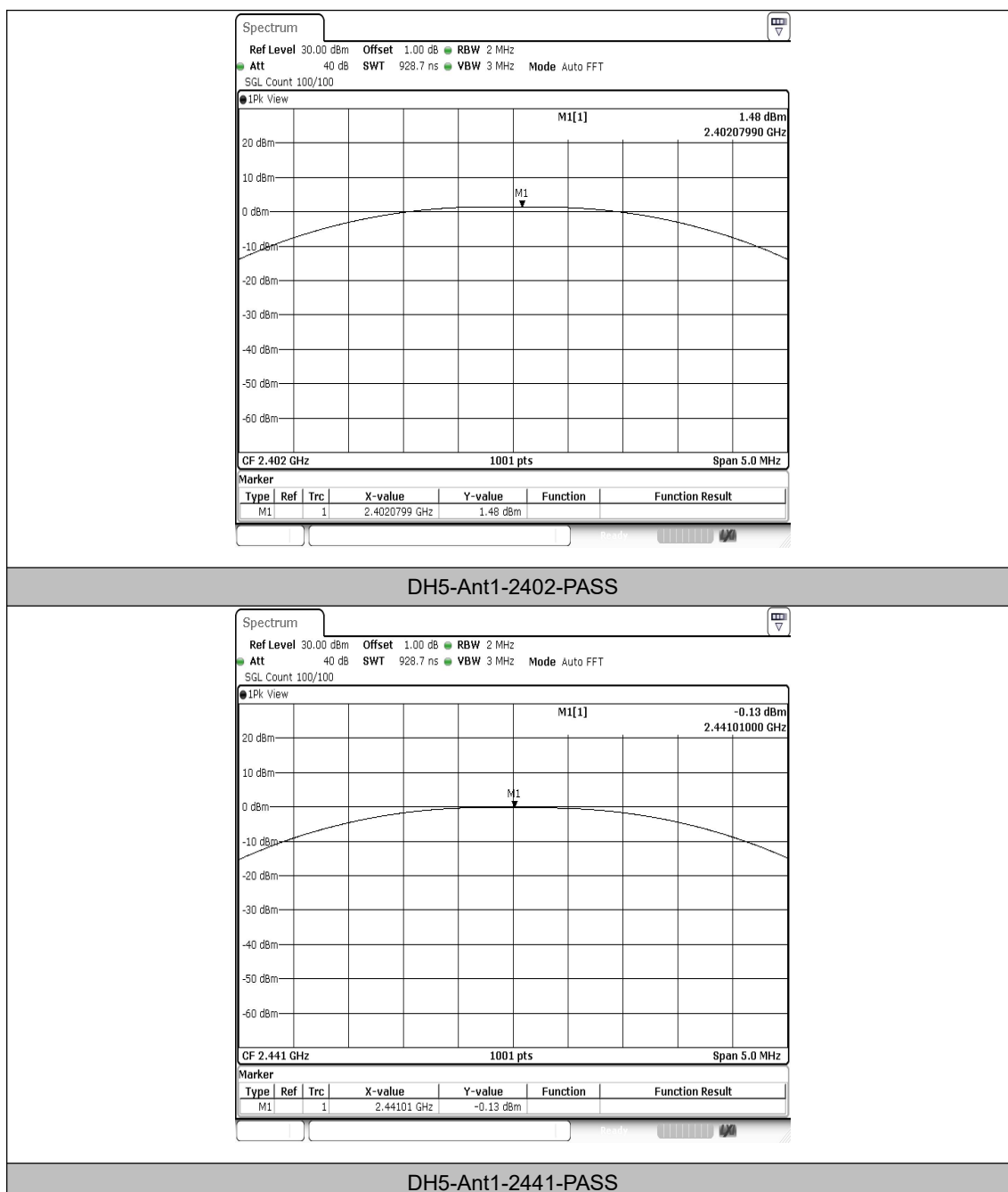
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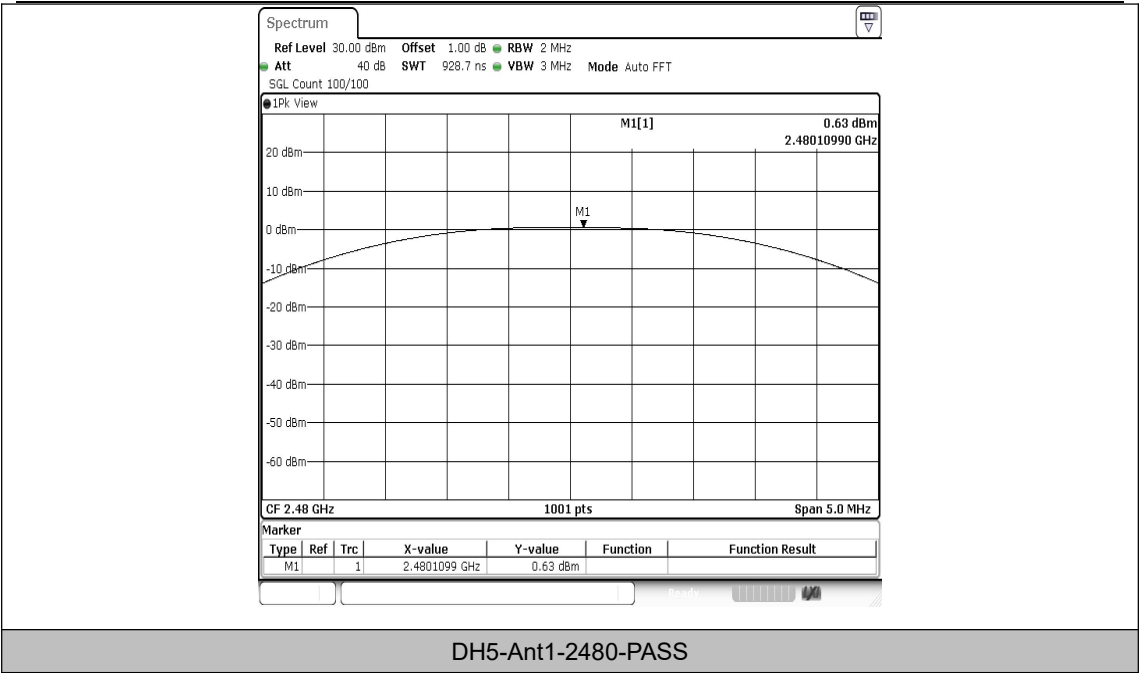
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.48	≤20.97	PASS
DH5	Ant1	2441	-0.13	≤20.97	PASS
DH5	Ant1	2480	0.63	≤20.97	PASS

Test Graphs





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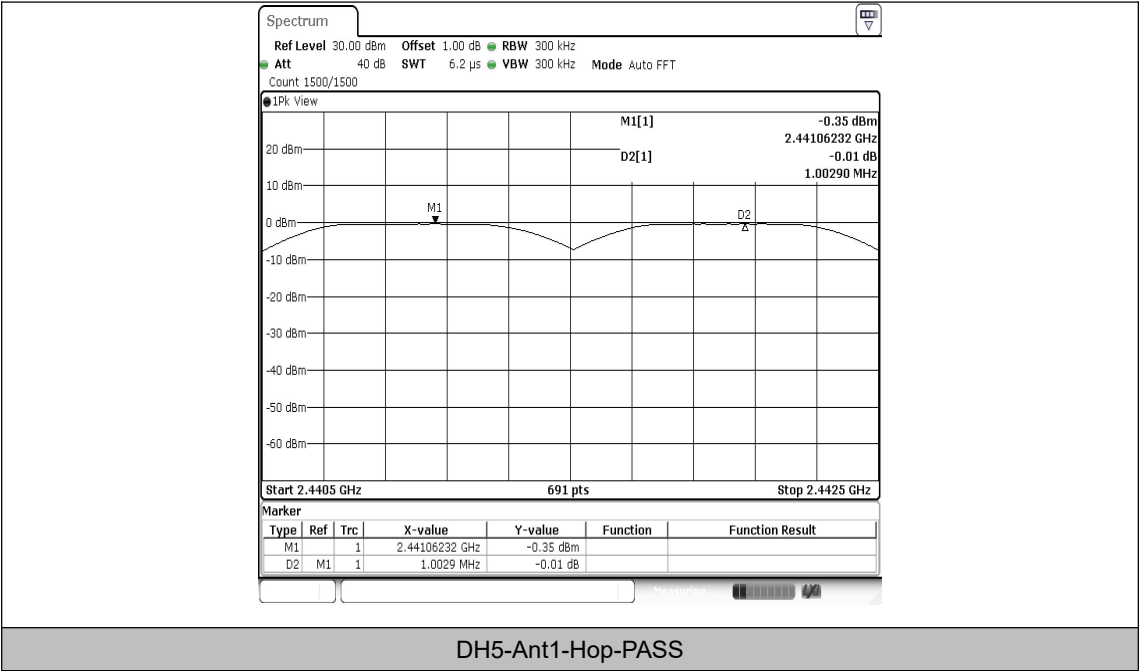
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥0.700	PASS



Test Graphs



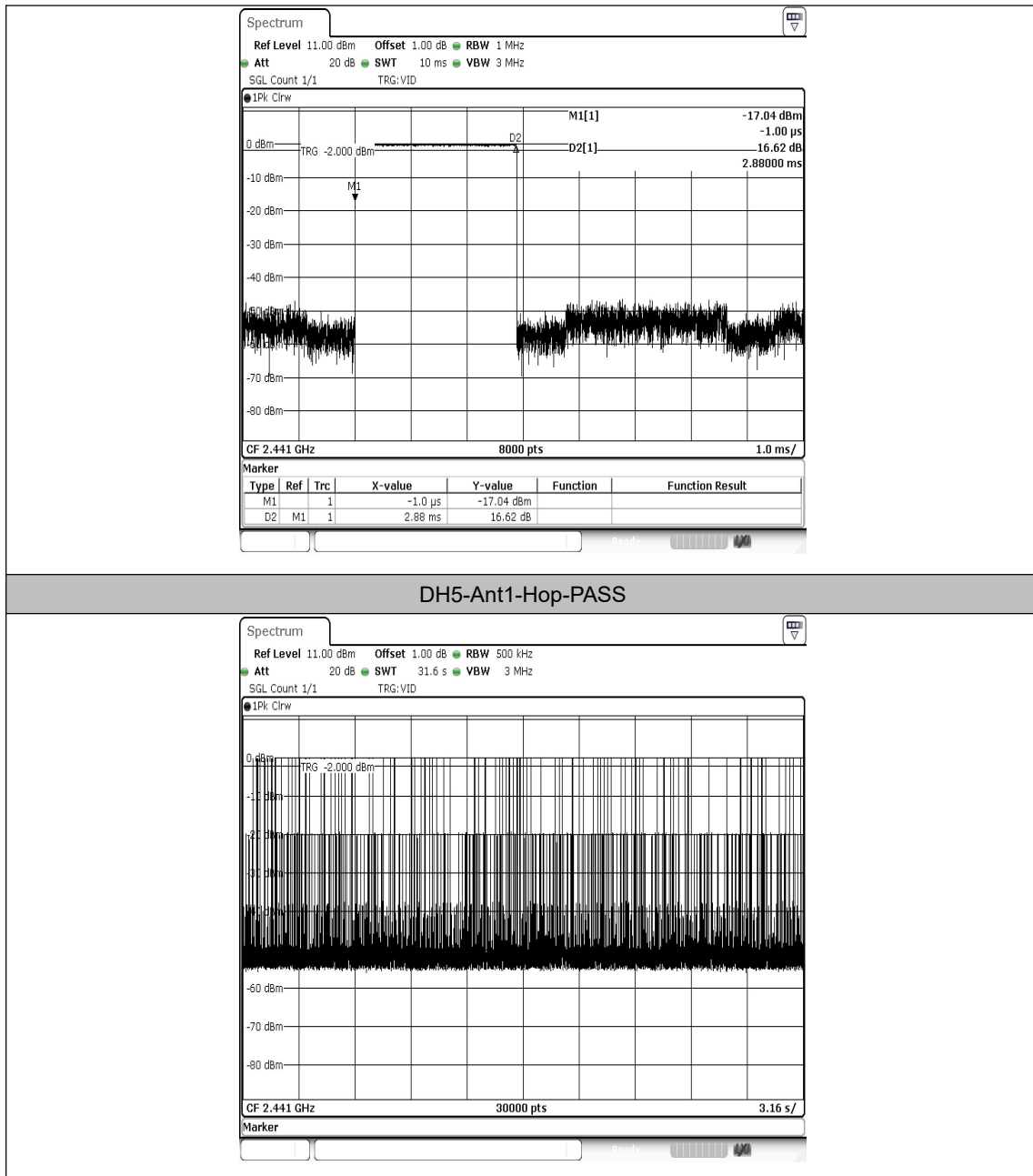
Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.880	108	0.311	≤0.4	PASS



Test Graphs



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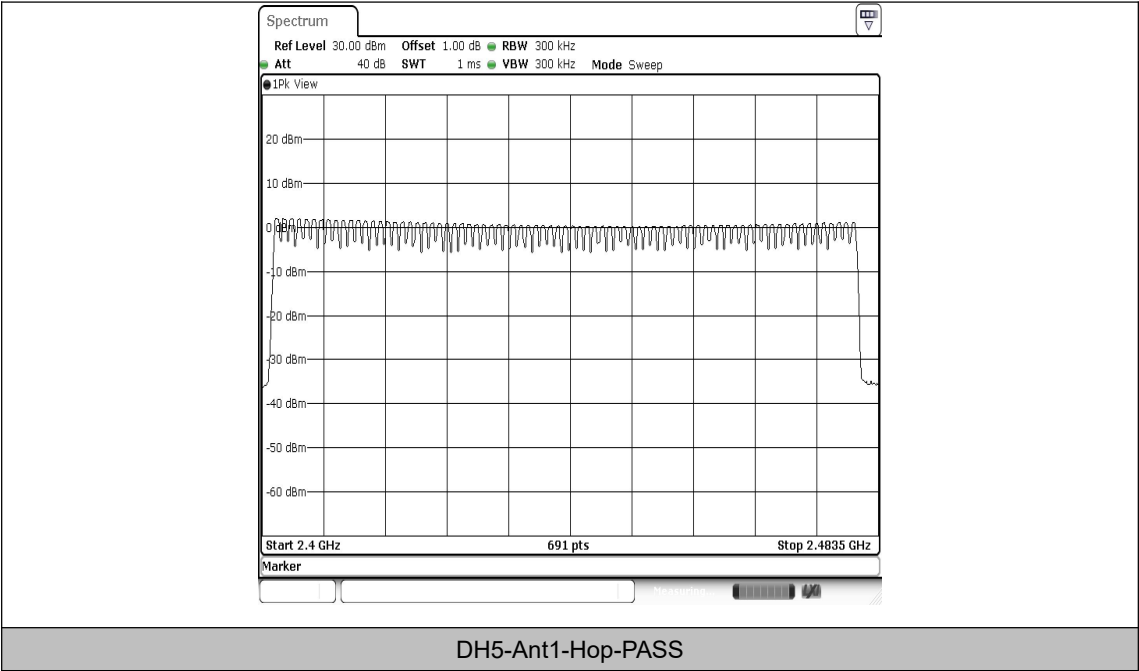
Appendix F: Number of Hopping Channel

Test Result

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



Test Graphs



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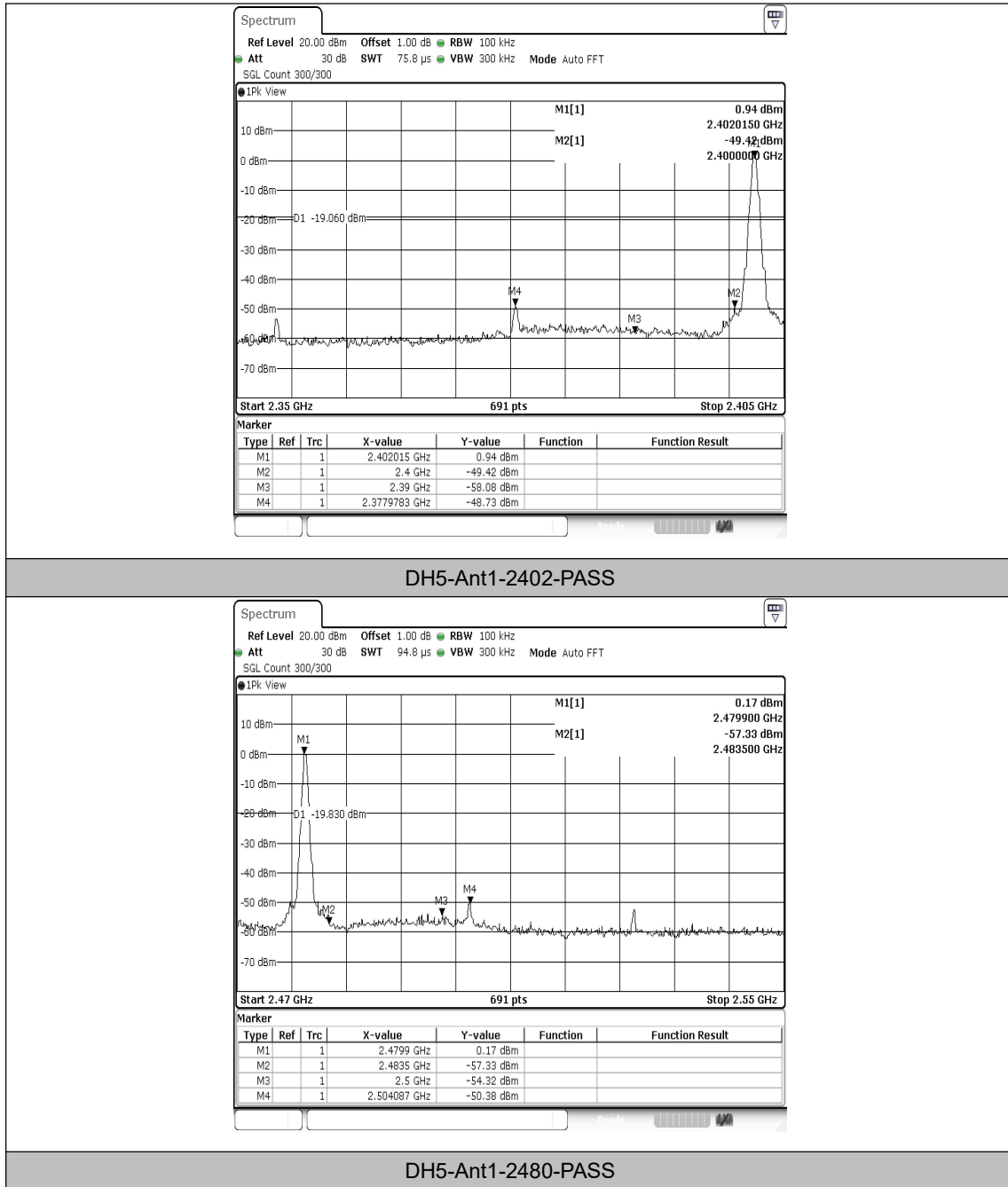
Appendix G: Conducted Band edge

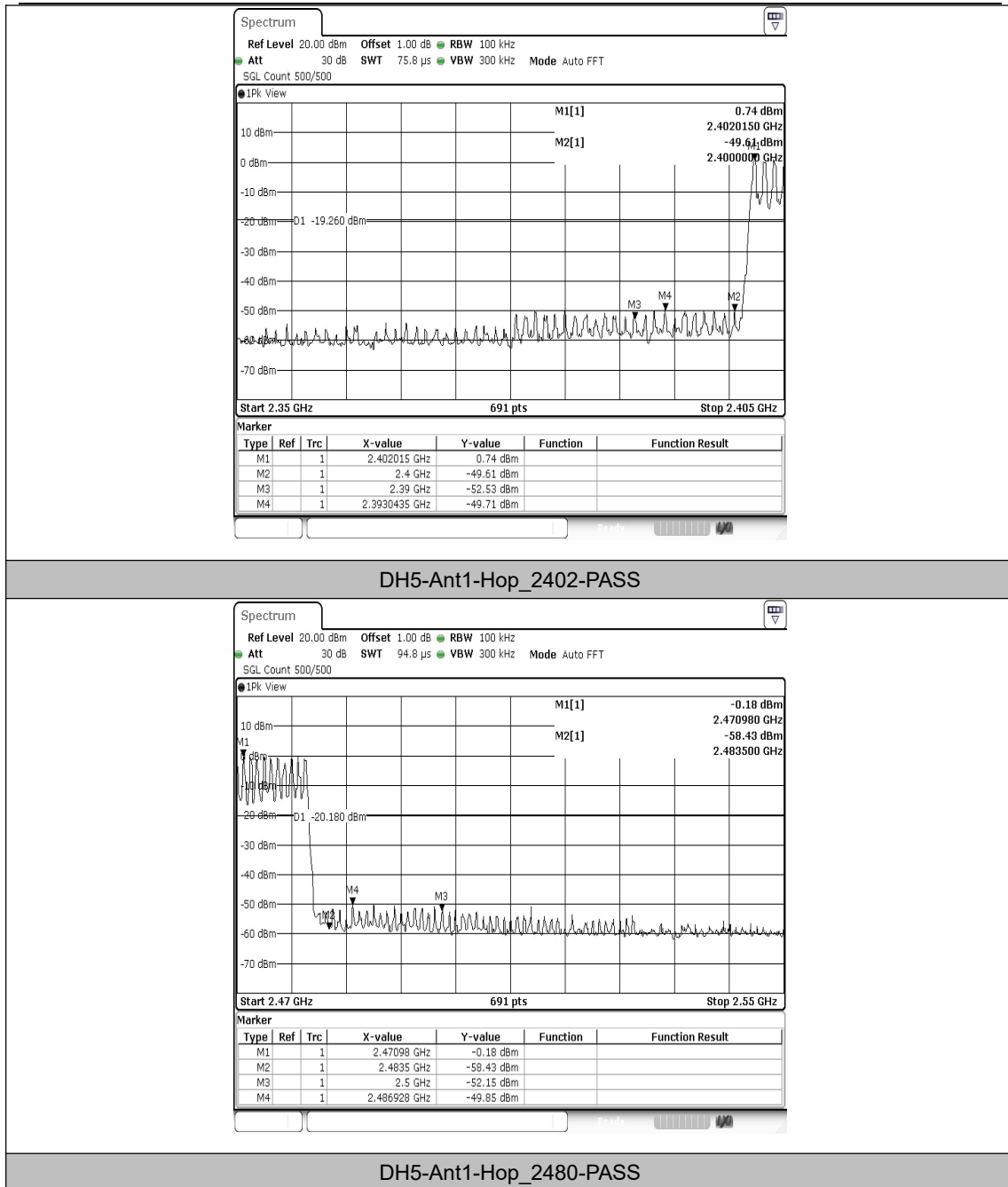
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.94	-48.73	≤-19.06	PASS
DH5	Ant1	High	2480	0.17	-50.38	≤-19.83	PASS
DH5	Ant1	Low	Hop_2402	0.74	-49.71	≤-19.26	PASS
DH5	Ant1	High	Hop_2480	-0.18	-49.85	≤-20.18	PASS

Remark:1. 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





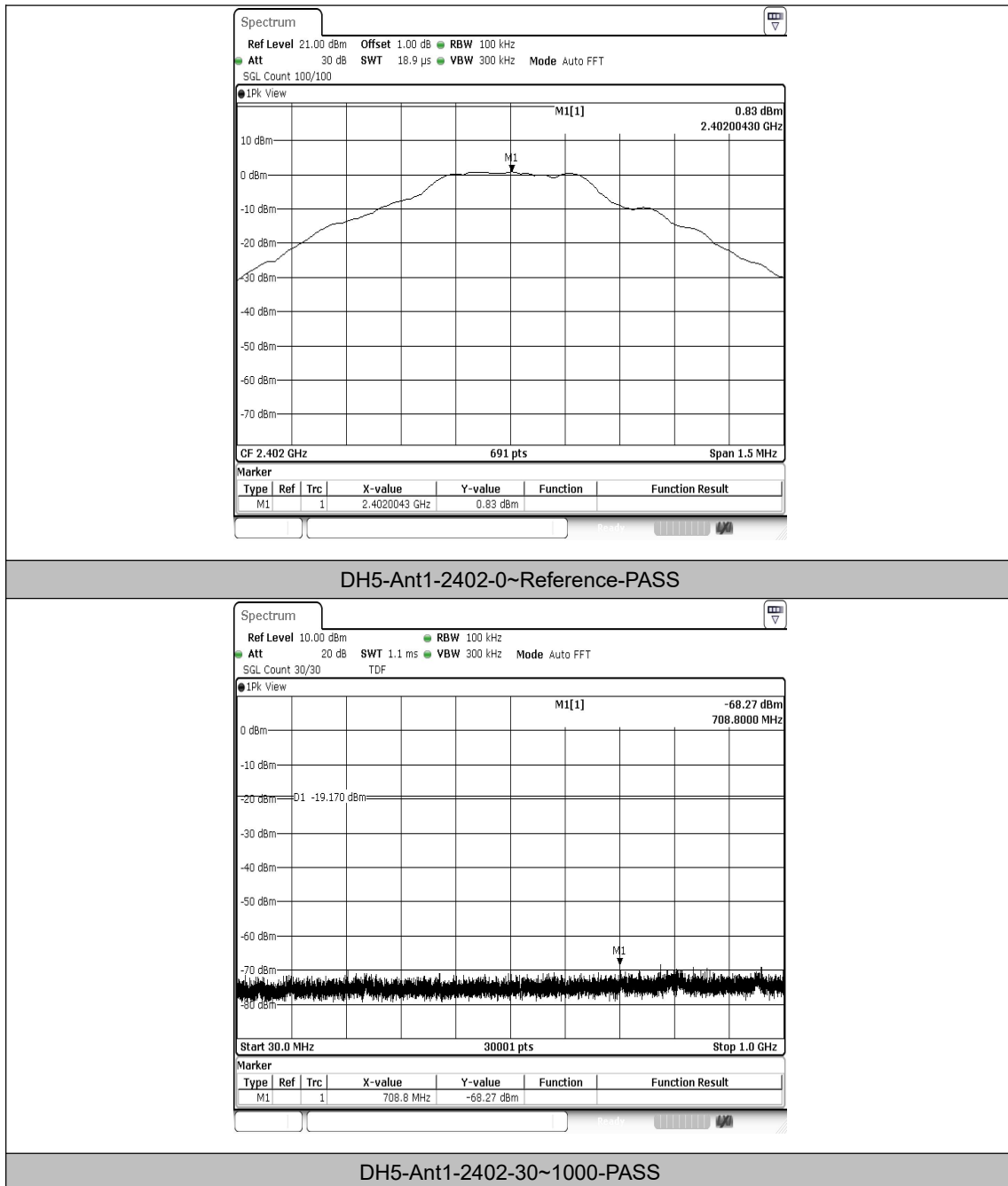
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.83	0.83	---	PASS
DH5	Ant1	2402	30~1000	0.83	-68.27	≤-19.17	PASS
DH5	Ant1	2402	1000~26500	0.83	-42.25	≤-19.17	PASS
DH5	Ant1	2441	0~Reference	-0.85	-0.85	---	PASS
DH5	Ant1	2441	30~1000	-0.85	-63.11	≤-20.85	PASS
DH5	Ant1	2441	1000~26500	-0.85	-38.99	≤-20.85	PASS
DH5	Ant1	2480	0~Reference	-0.11	-0.11	---	PASS
DH5	Ant1	2480	30~1000	-0.11	-68.48	≤-20.11	PASS
DH5	Ant1	2480	1000~26500	-0.11	-36.36	≤-20.11	PASS

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

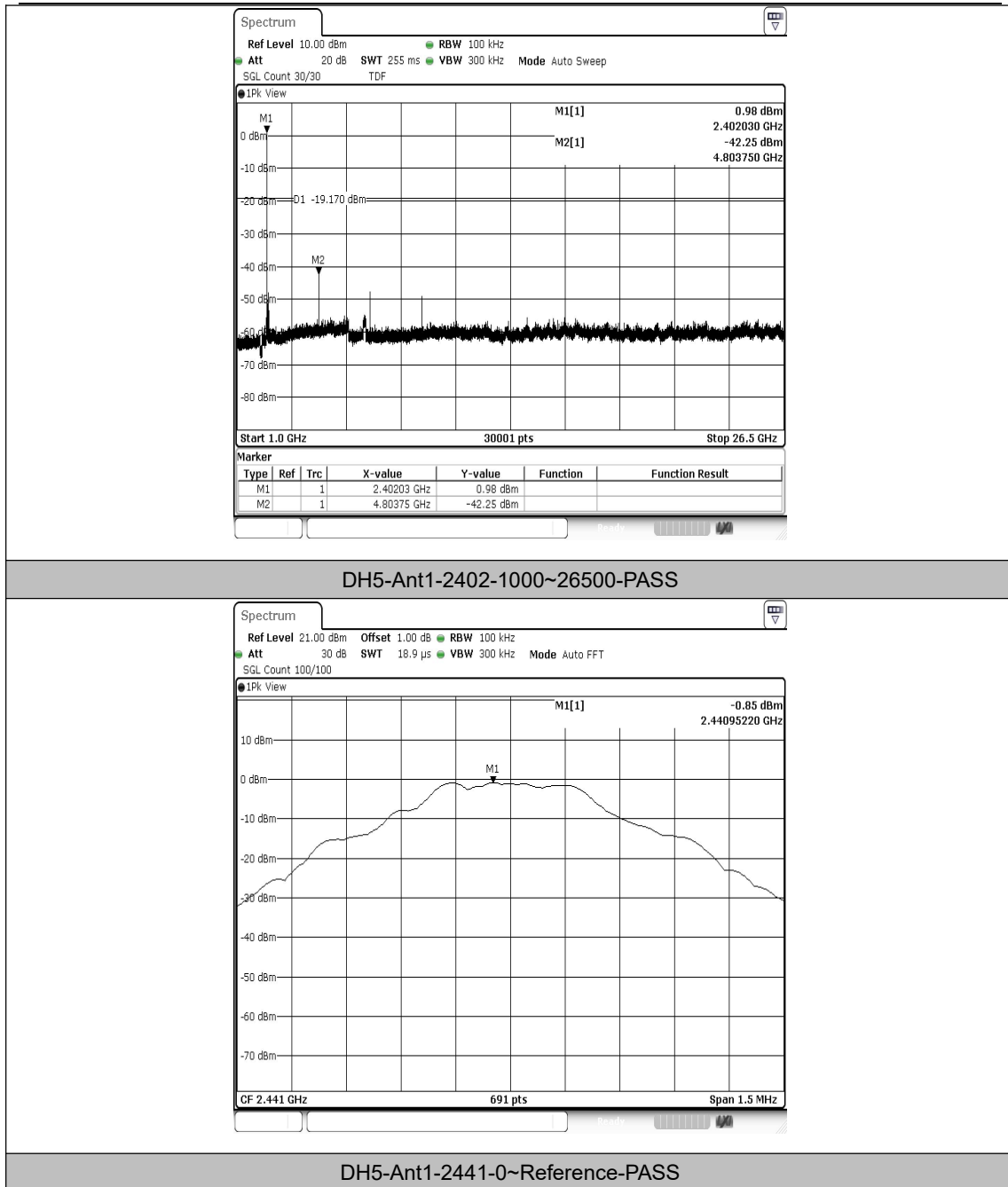
Test Graphs



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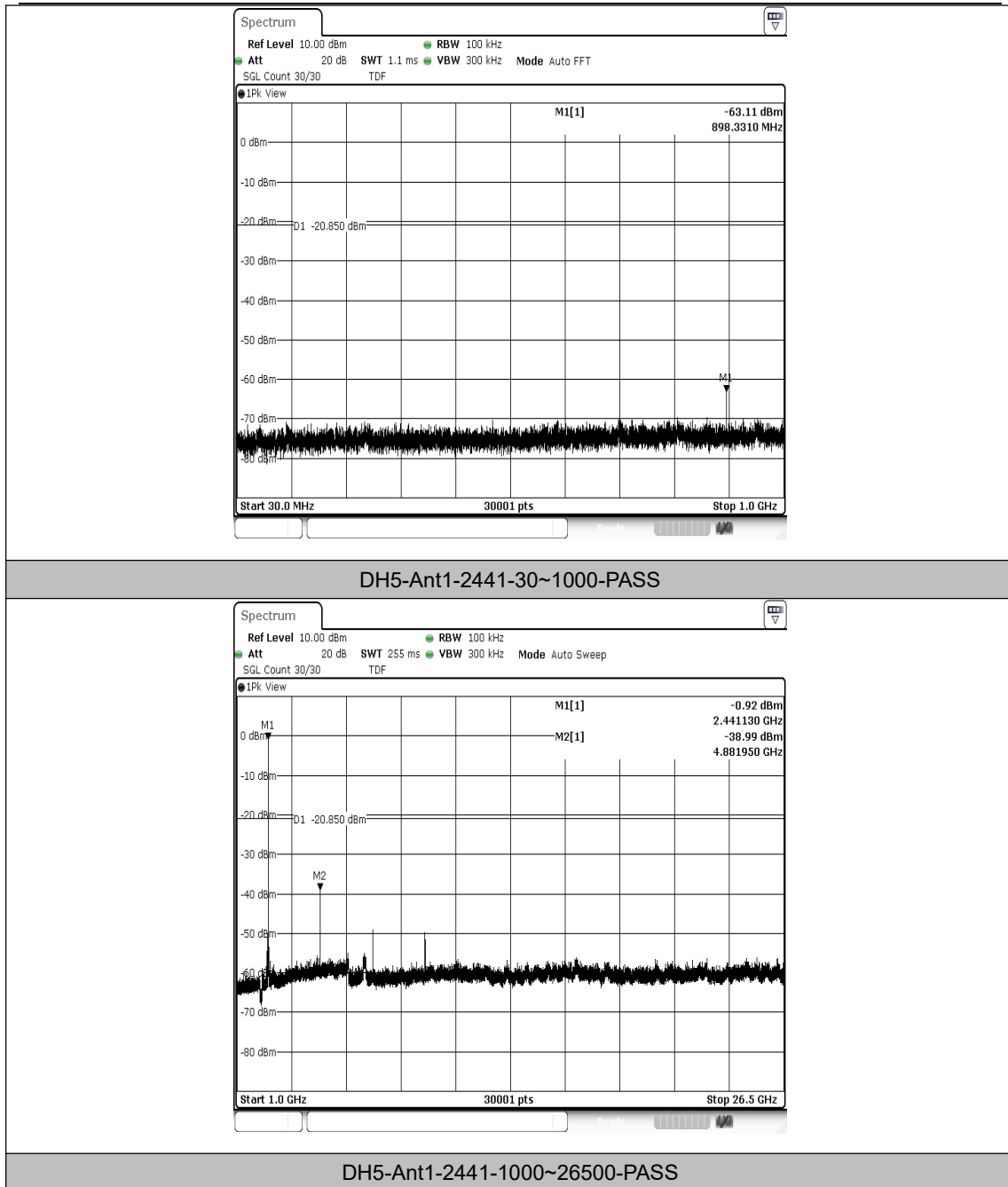
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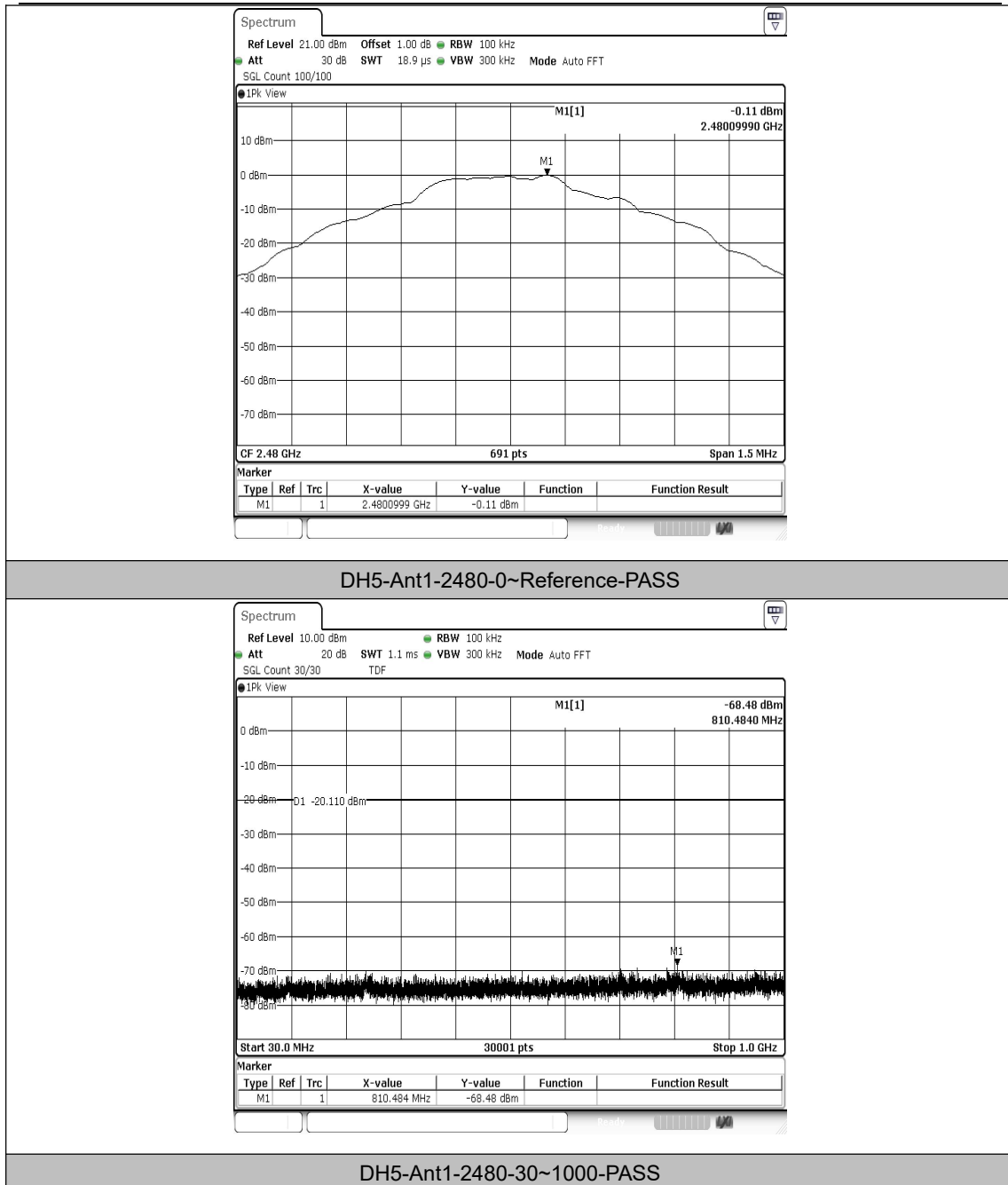
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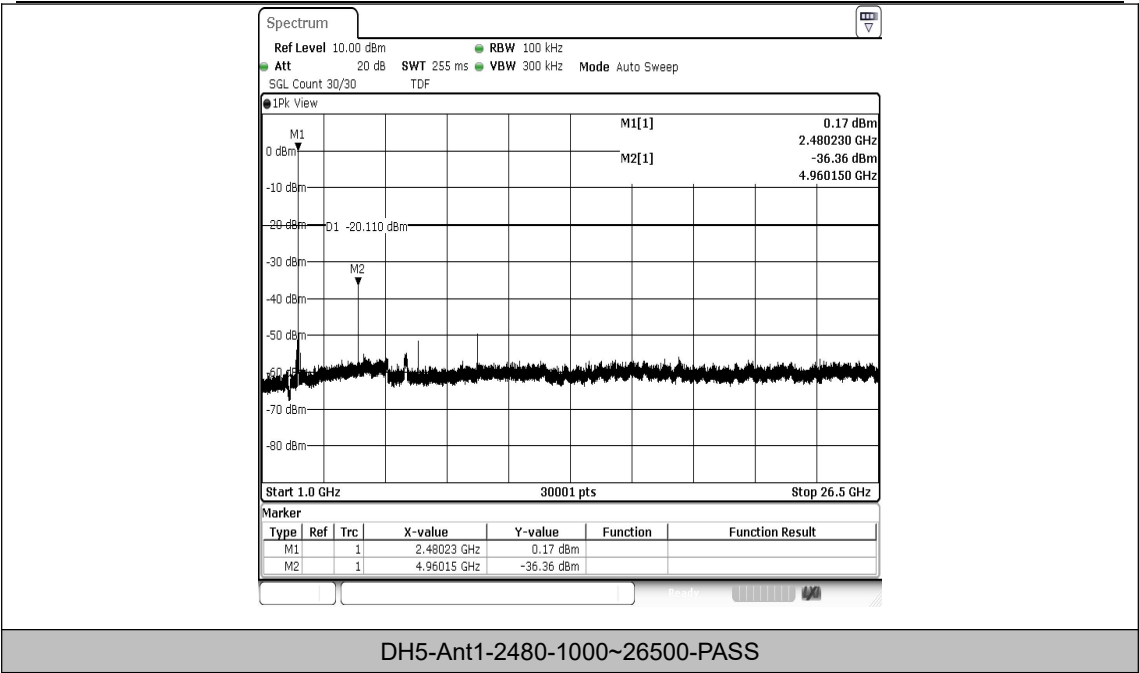


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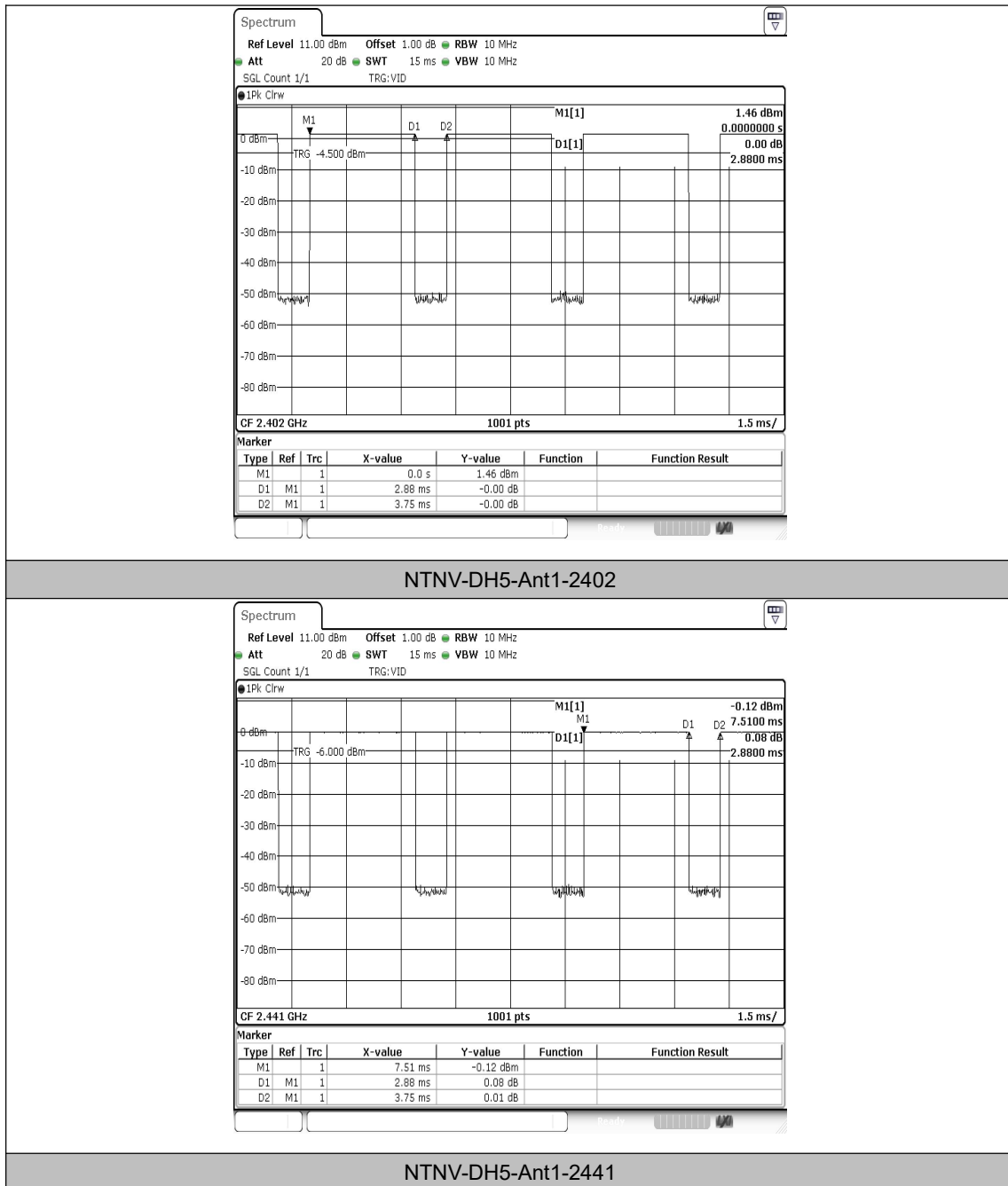
Appendix I: Duty Cycle

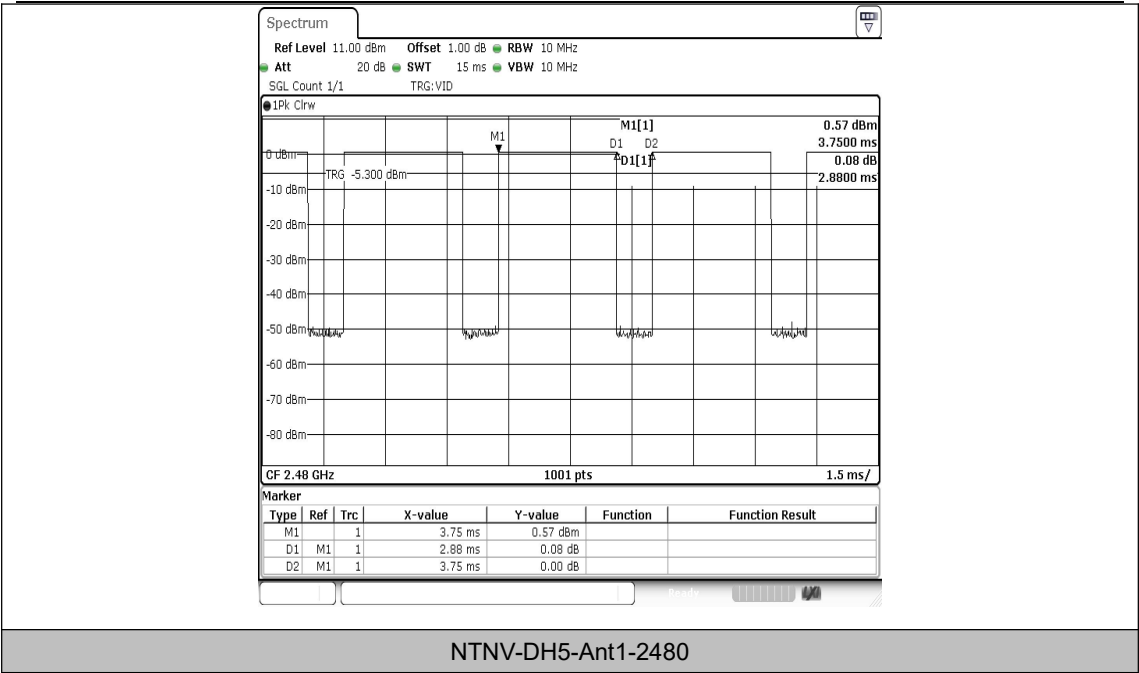
Test Result

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	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.75	76.80	1.15



Test Graphs





---End---