

## Appendix Test Data

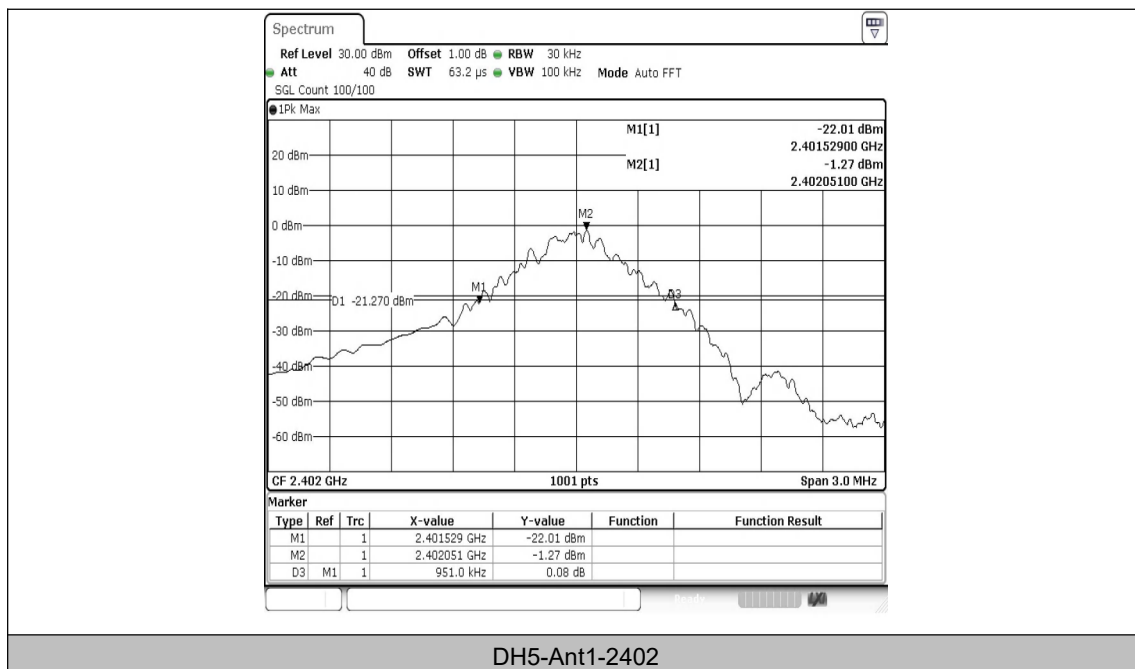
Report No.:	1812C50422412501	Test Sample No.:	1-2-2
Start Test Date:	2025-8-19	Finish Test Date:	2025-8-28
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.5°C	Relative Humidity:	42%
Pressure:	101kPa		

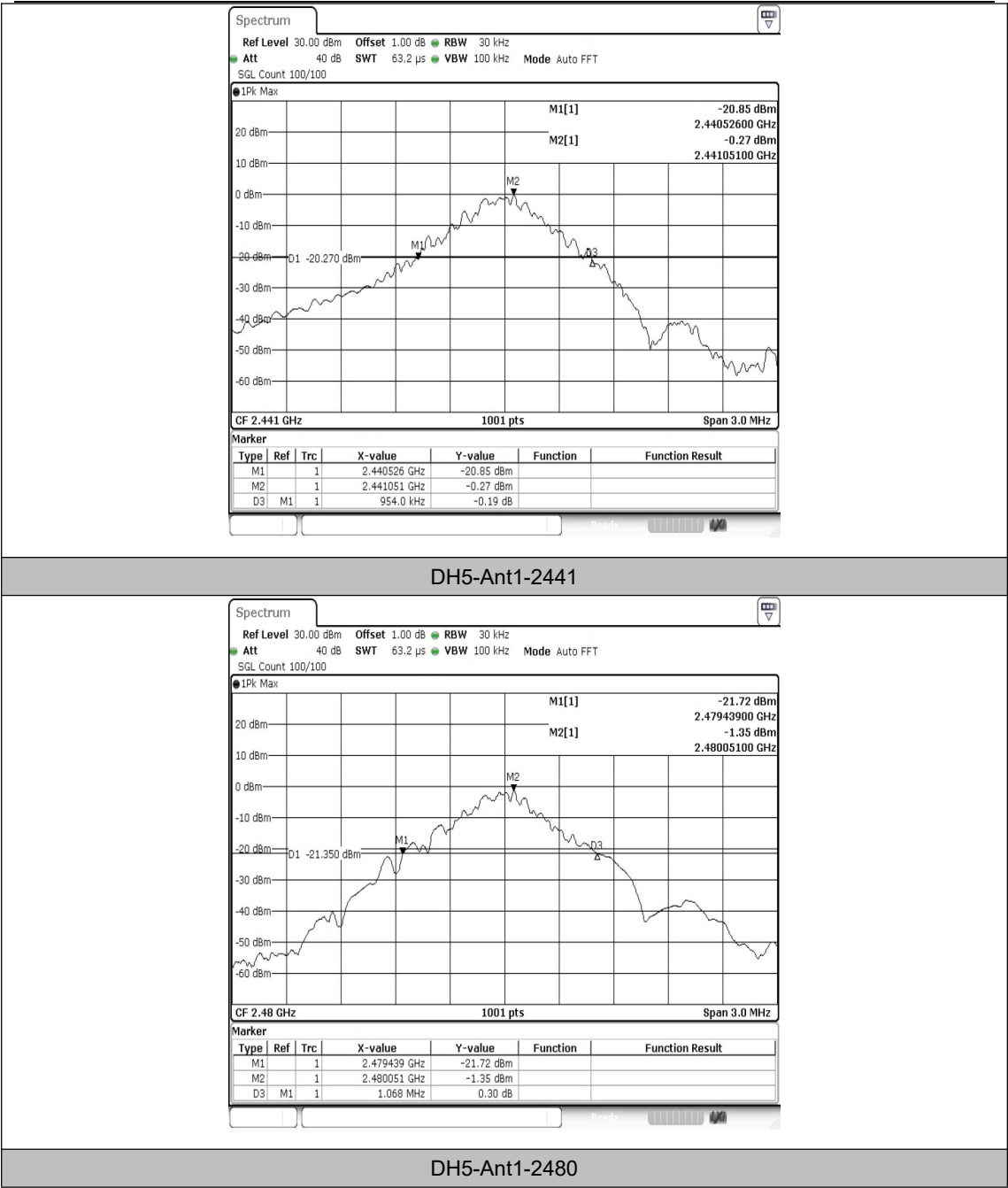
## Appendix A: 20dB Bandwidth

### Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.95	2401.53	2402.48	---	---
DH5	Ant1	2441	0.95	2440.53	2441.48	---	---
DH5	Ant1	2480	1.07	2479.44	2480.51	---	---

### Test Graphs



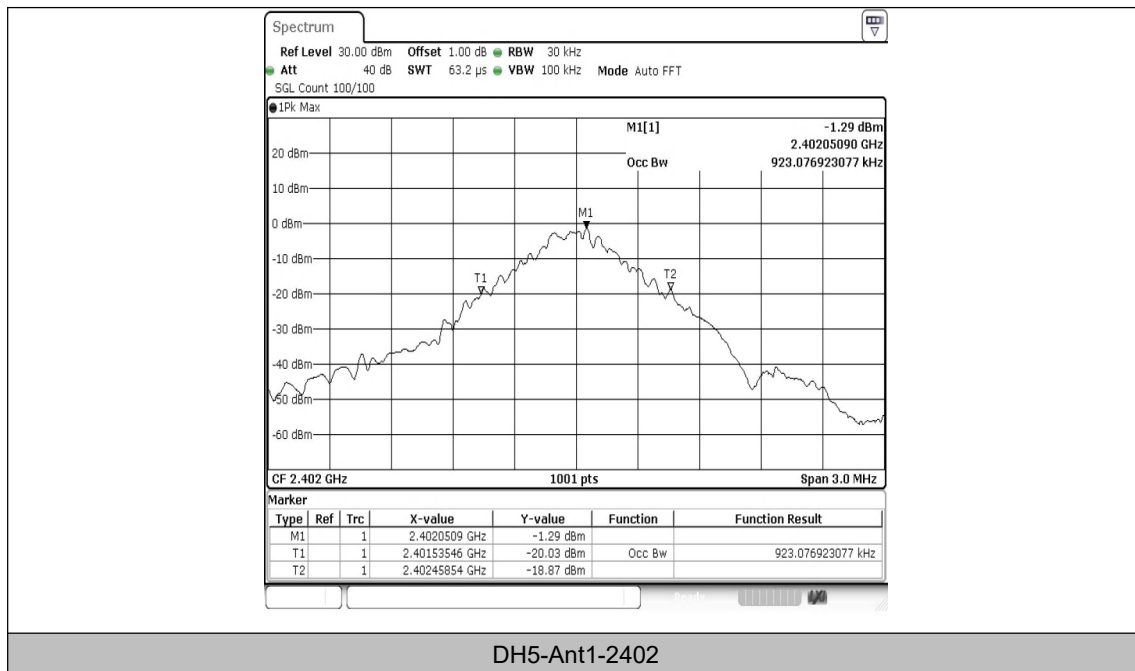


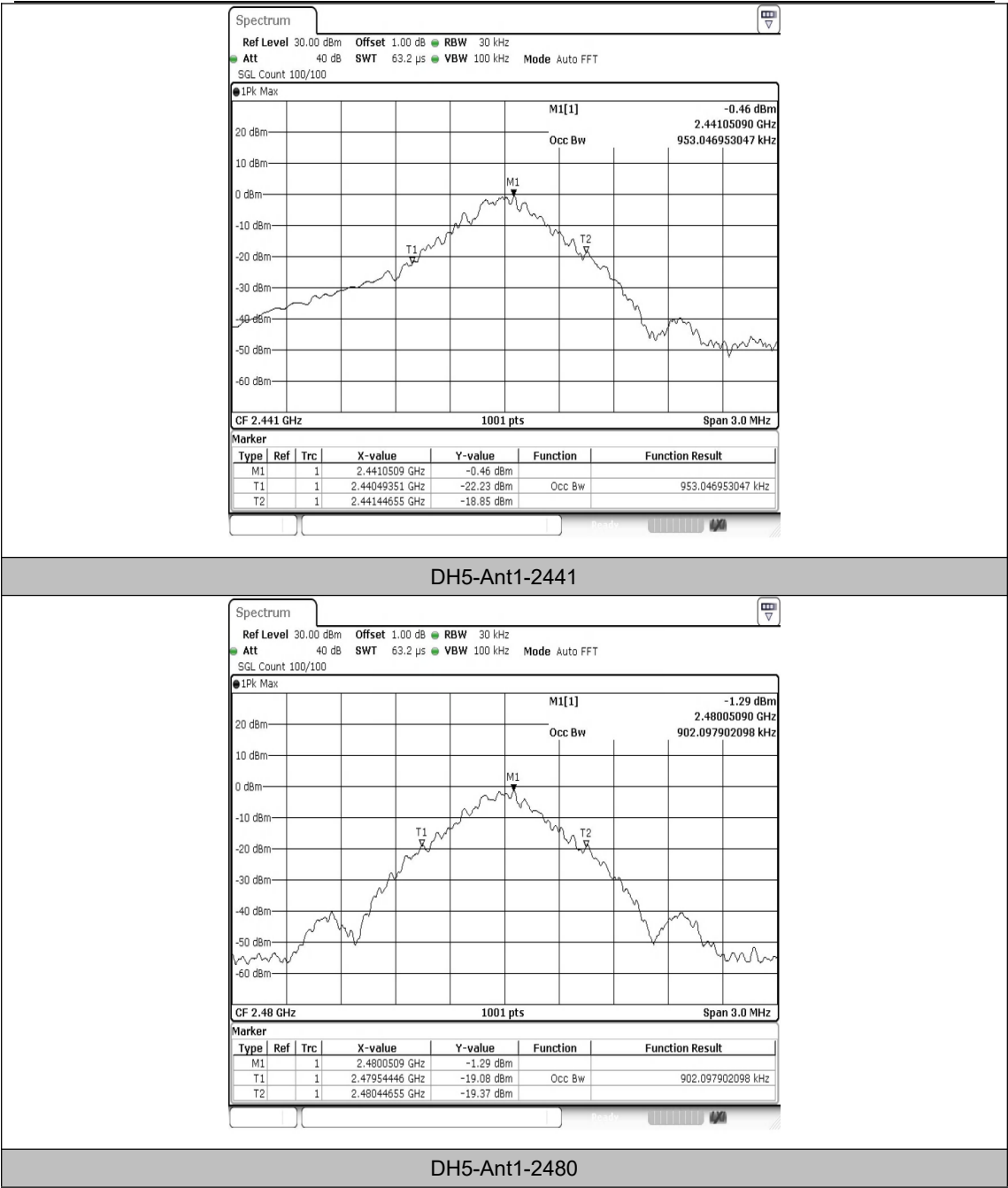
## Appendix B: 99% Occupied Bandwidth

### Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.92308	2401.5355	2402.4585	---	---
DH5	Ant1	2441	0.95305	2440.4935	2441.4466	---	---
DH5	Ant1	2480	0.90210	2479.5445	2480.4466	---	---

### Test Graphs



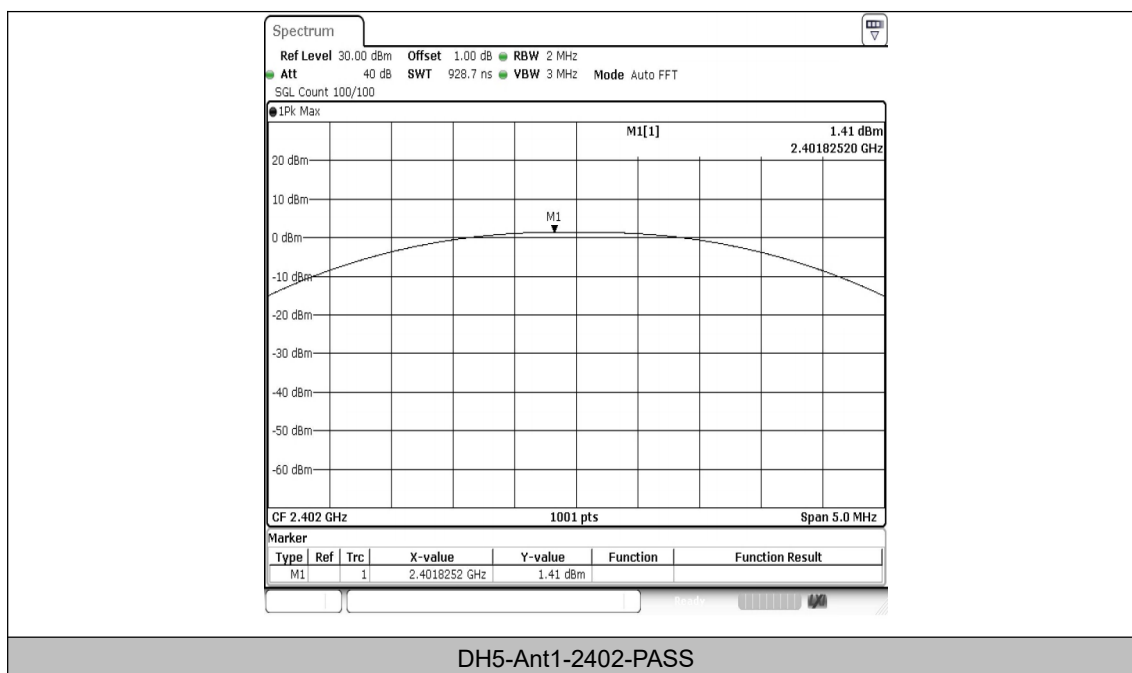


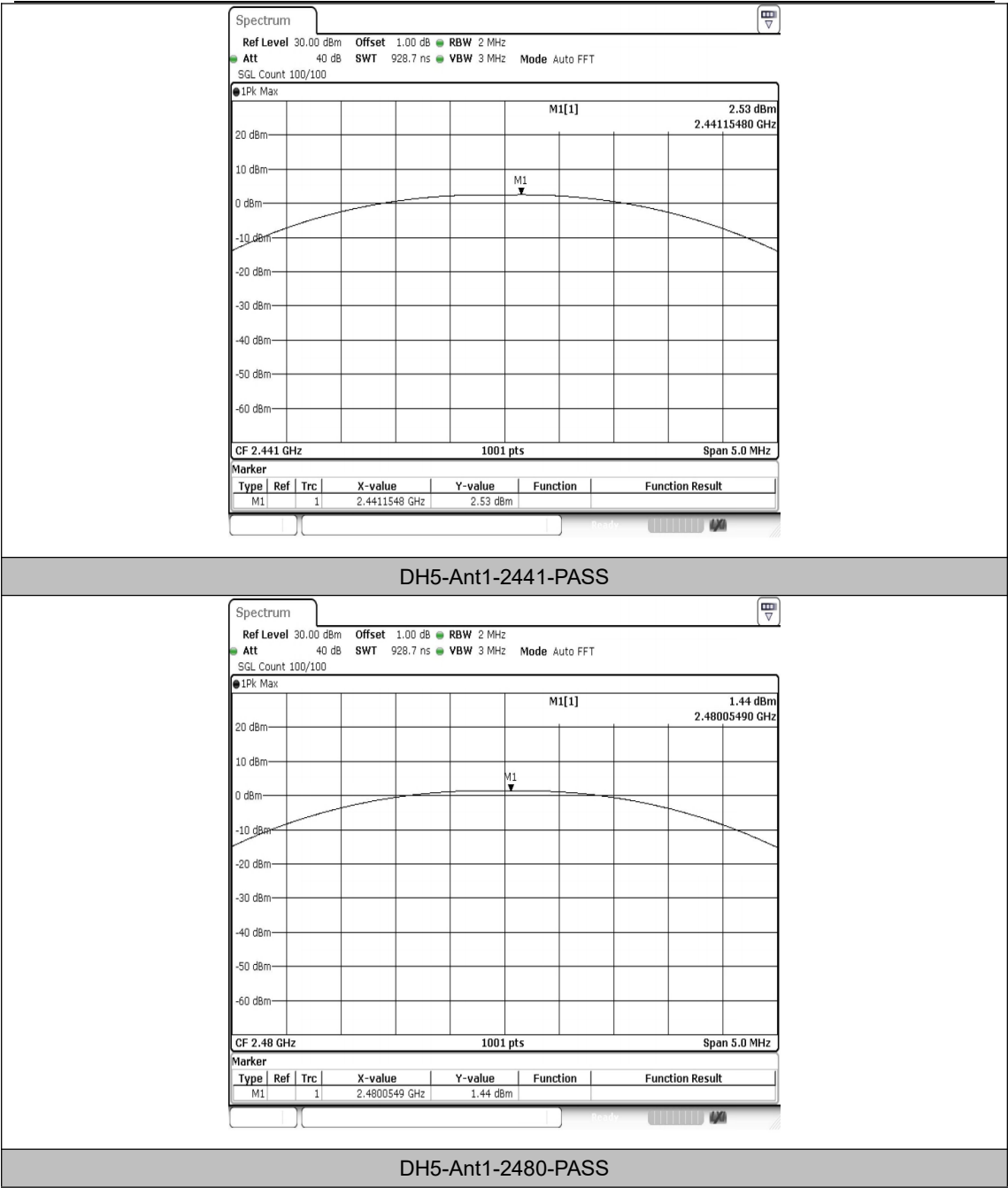
## Appendix C: Maximum Conducted Output Power

### Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.41	≤20.97	PASS
DH5	Ant1	2441	<b>2.53</b>	≤20.97	PASS
DH5	Ant1	2480	1.44	≤20.97	PASS

### Test Graphs





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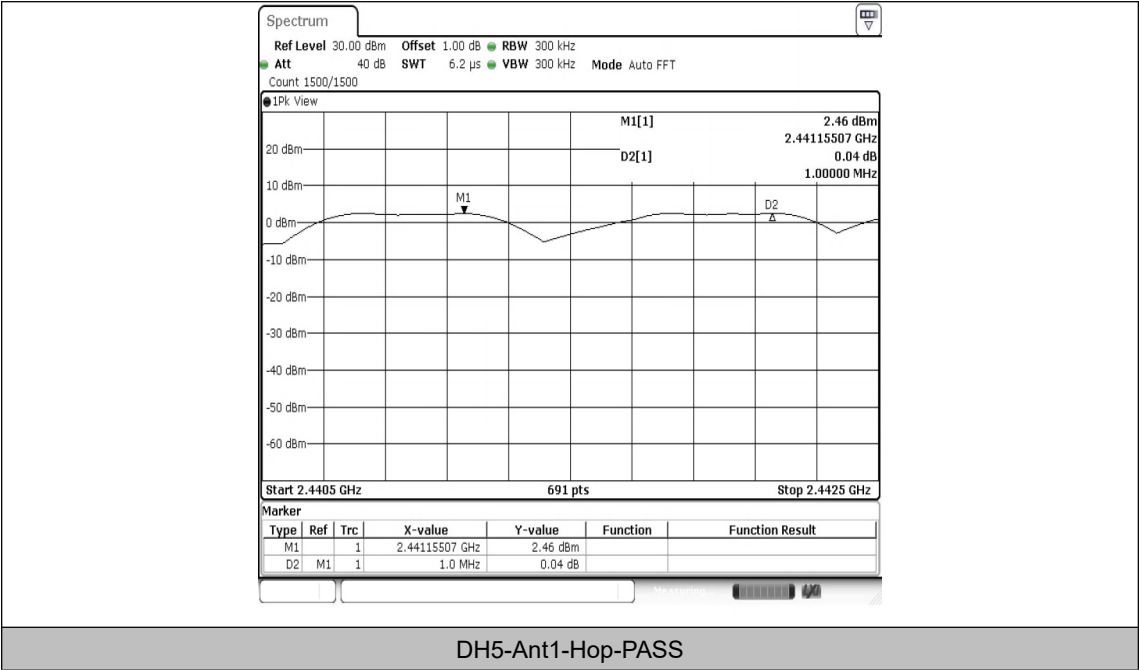
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

### Appendix D: Carrier frequency separation

#### Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥0.713	PASS

#### Test Graphs

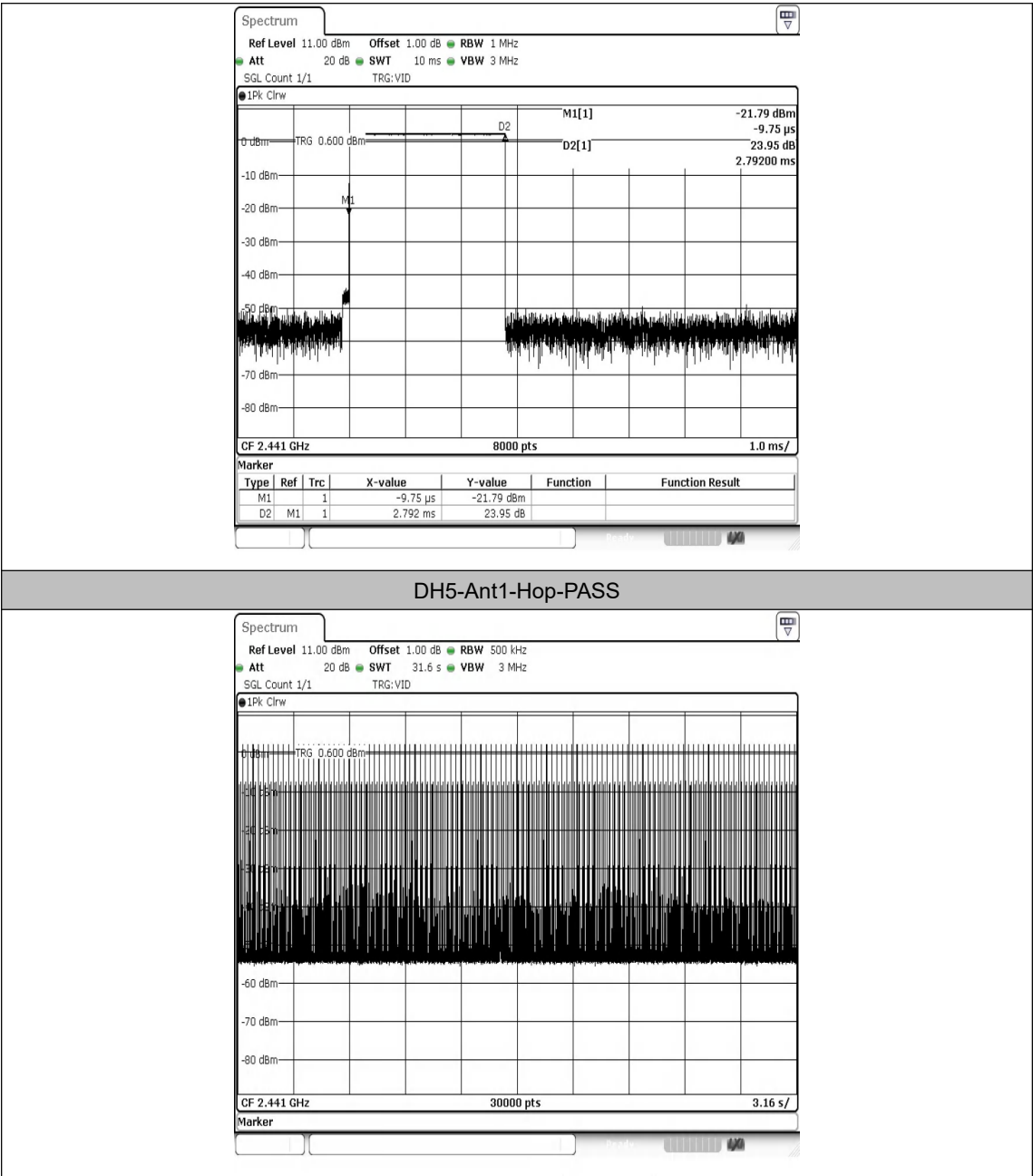


### Appendix E: Dwell Time

#### Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.792	111	0.31	≤0.4	PASS

#### Test Graphs



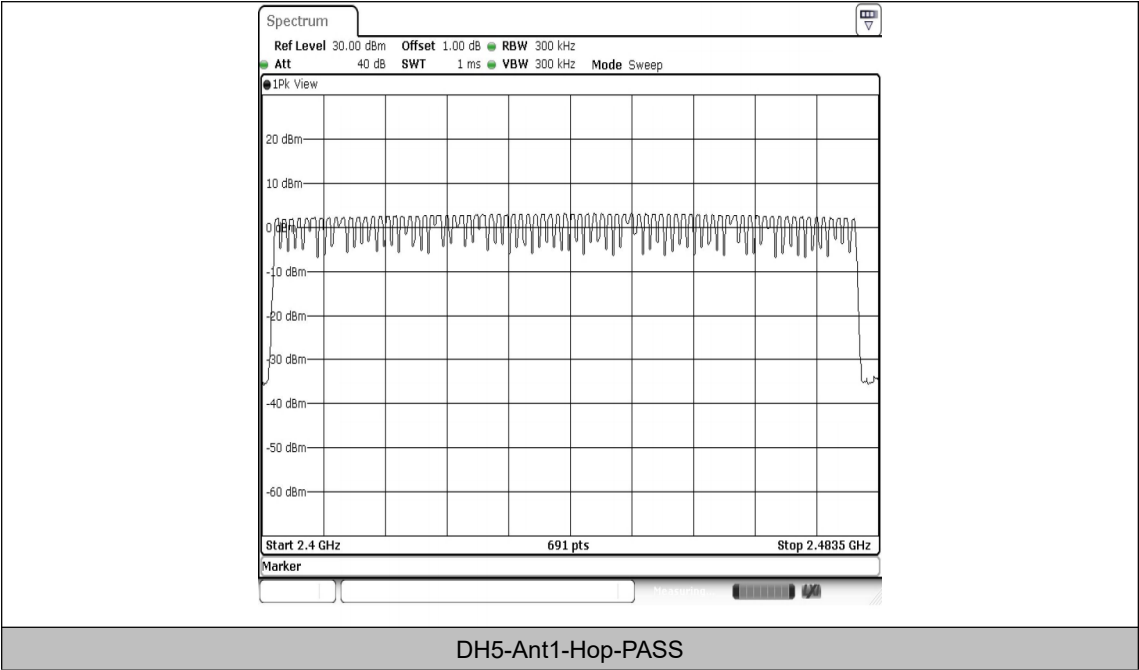


Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



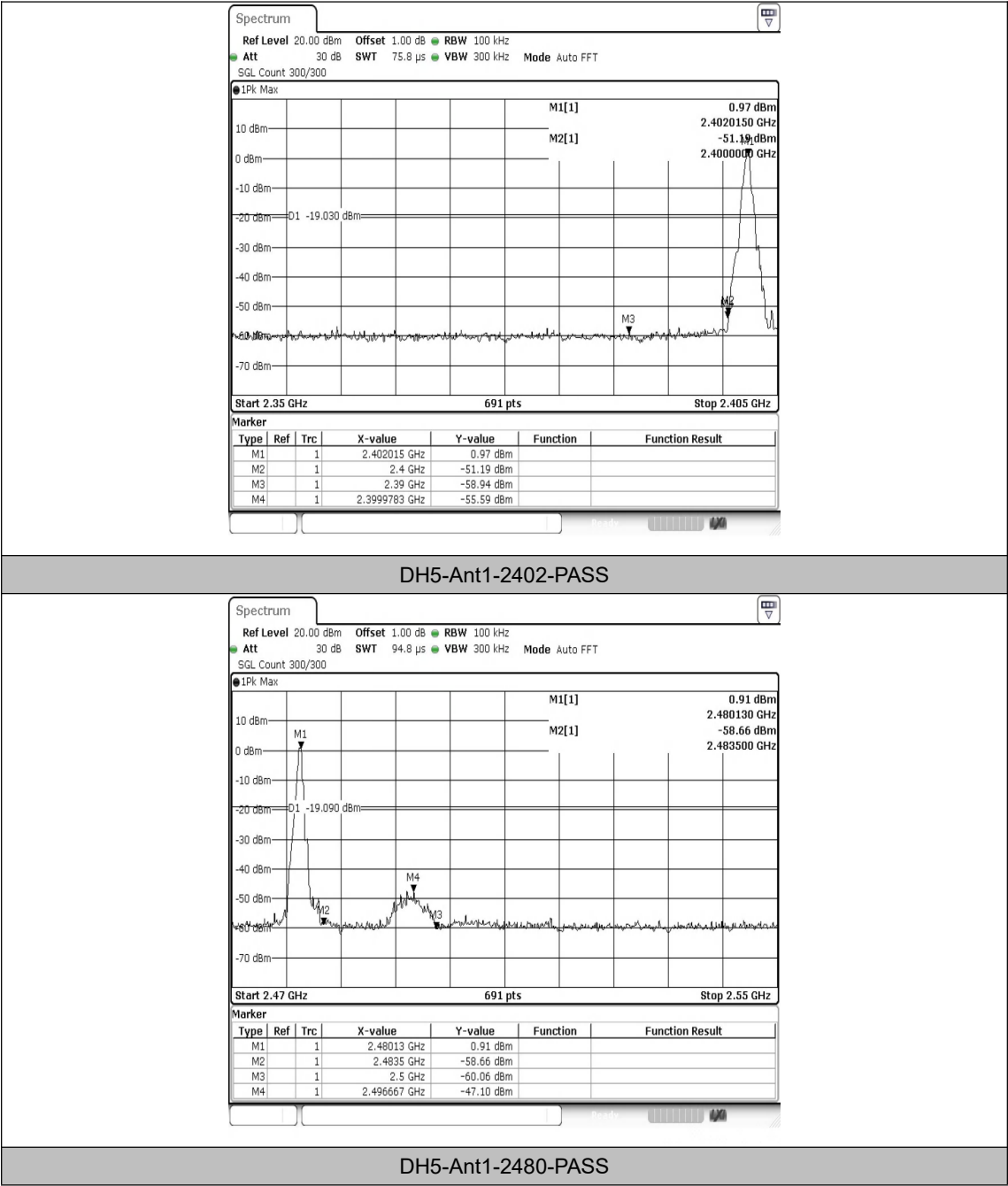
## Appendix G: Conducted Band edge

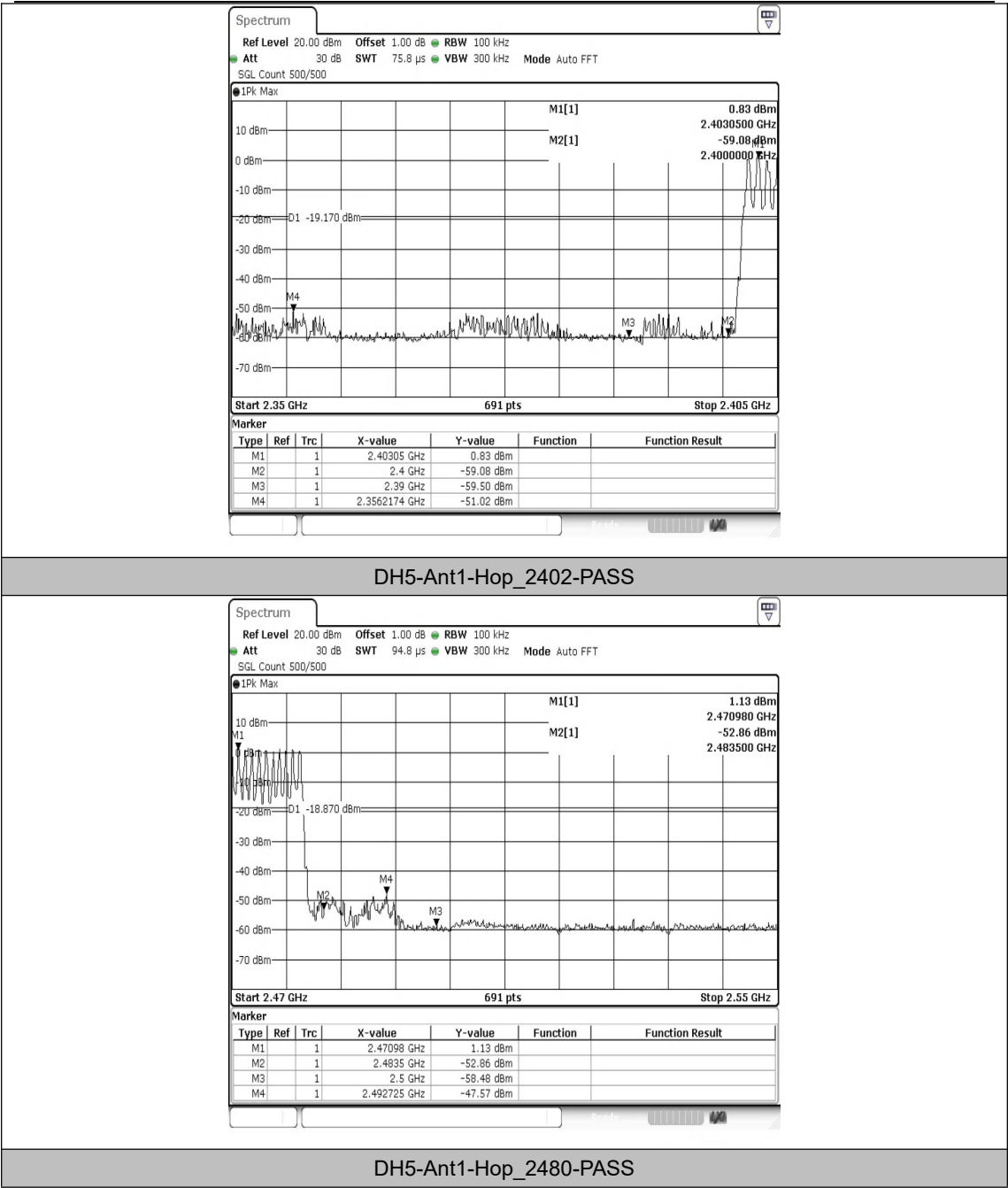
### Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.97	-55.59	≤-19.03	PASS
DH5	Ant1	High	2480	0.91	-47.1	≤-19.09	PASS
DH5	Ant1	Low	Hop_2402	0.83	-51.02	≤-19.17	PASS
DH5	Ant1	High	Hop_2480	1.13	-47.57	≤-18.87	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





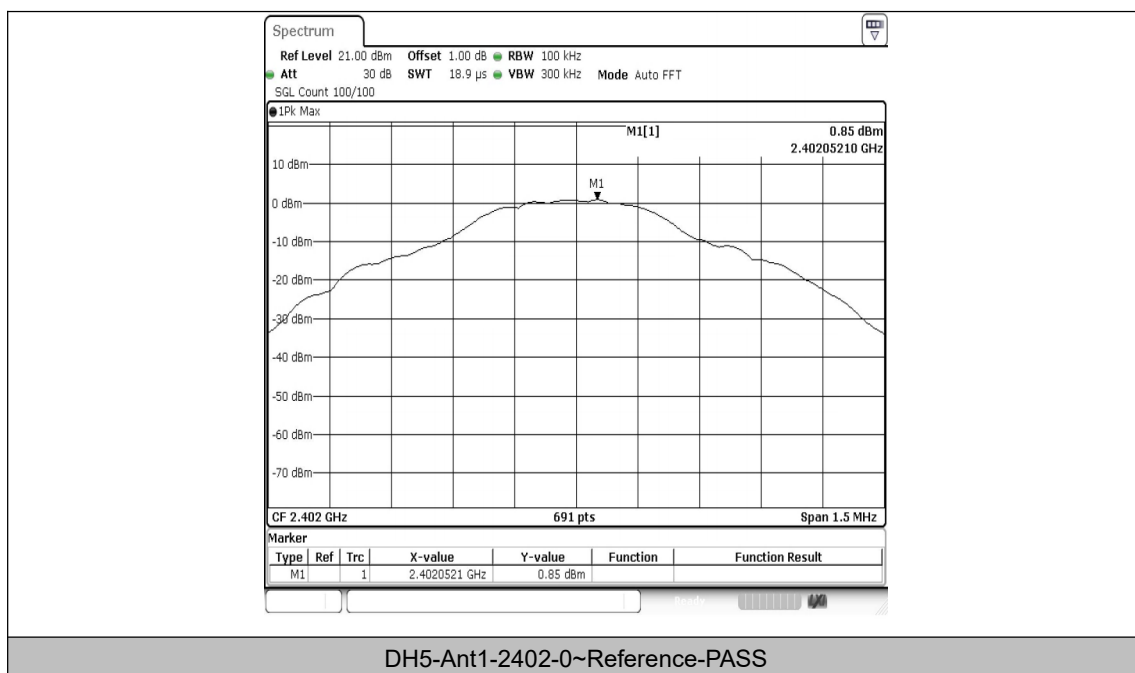
## Appendix H: Conducted Spurious Emission

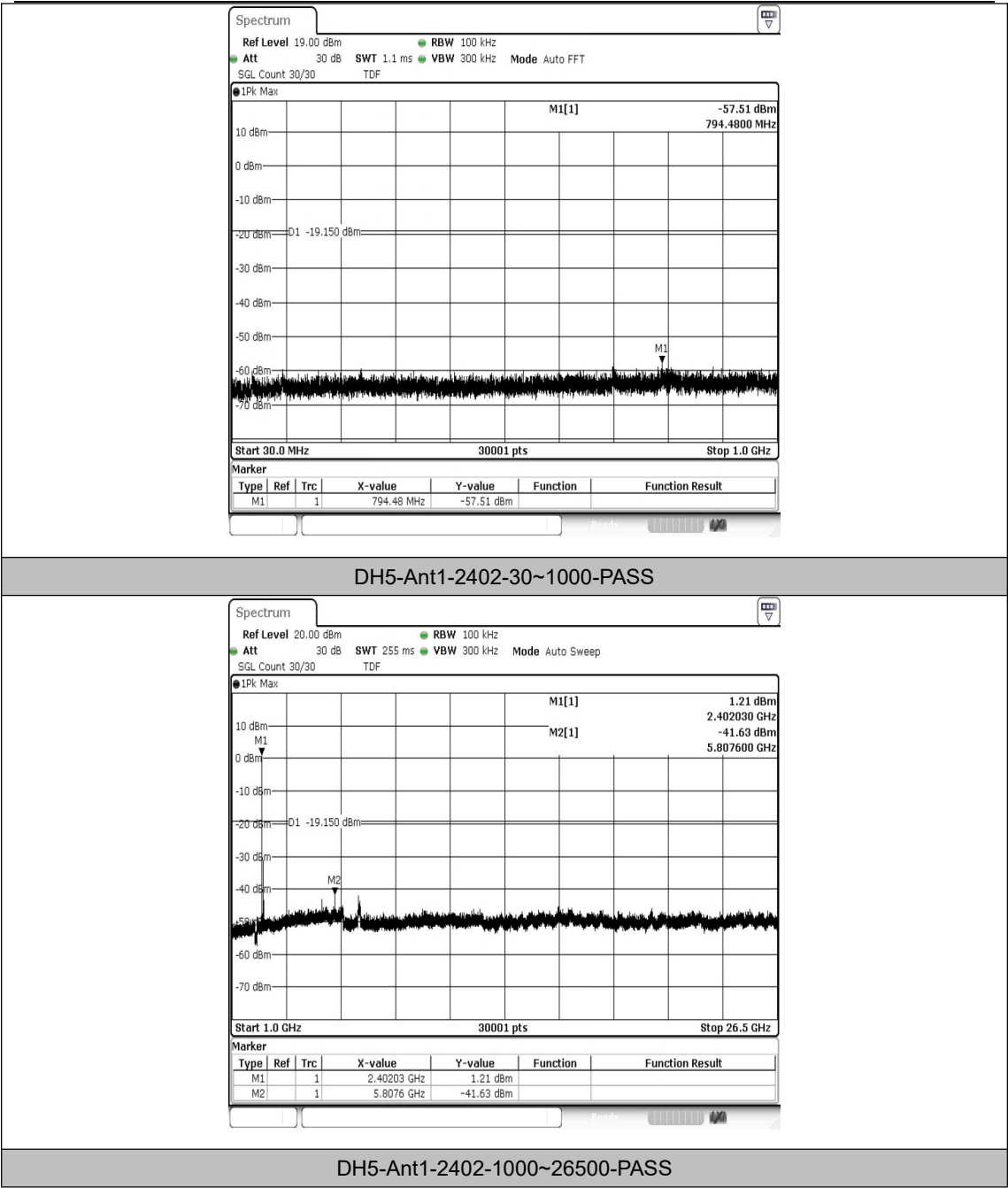
### Test Result

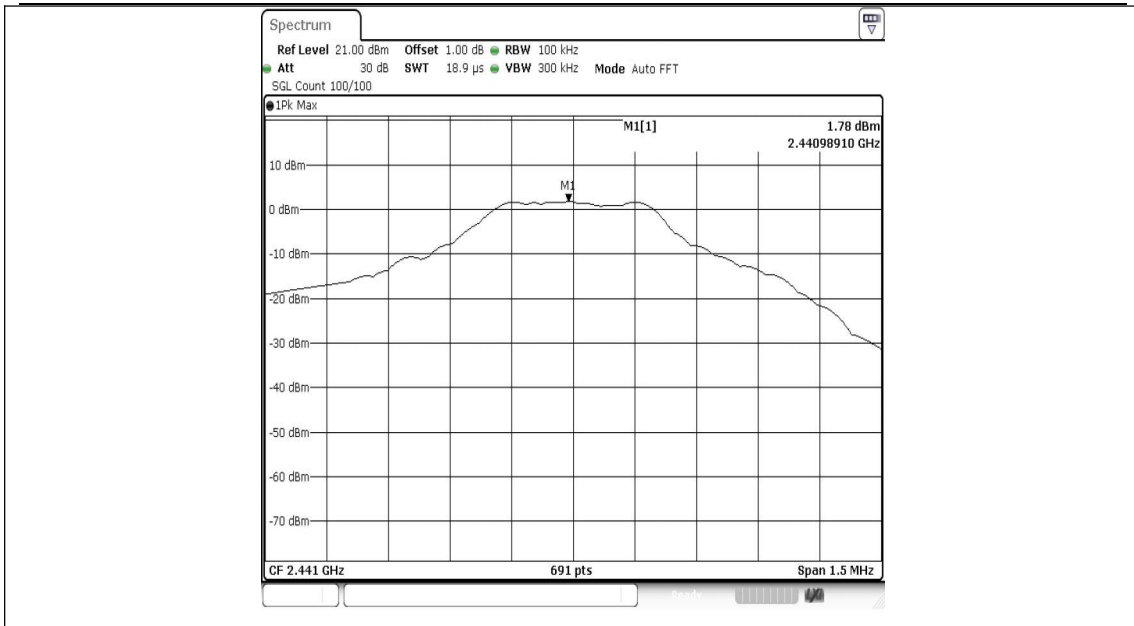
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	0.85	0.85	---	PASS
DH5	Ant1	2402	30~1000	0.85	-57.51	≤-19.15	PASS
DH5	Ant1	2402	1000~26500	0.85	-41.63	≤-19.15	PASS
DH5	Ant1	2441	0~Reference	1.78	1.78	---	PASS
DH5	Ant1	2441	30~1000	1.78	-58.31	≤-18.22	PASS
DH5	Ant1	2441	1000~26500	1.78	-37.56	≤-18.22	PASS
DH5	Ant1	2480	0~Reference	0.80	0.80	---	PASS
DH5	Ant1	2480	30~1000	0.80	-57.47	≤-19.2	PASS
DH5	Ant1	2480	1000~26500	0.80	-41.33	≤-19.2	PASS

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

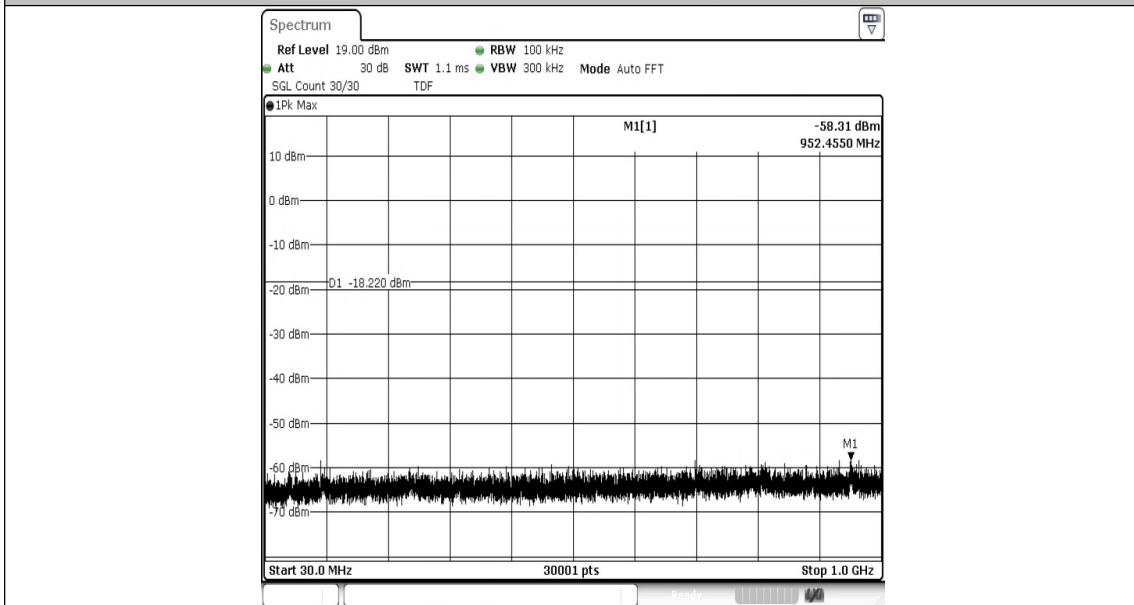
### Test Graphs







DH5-Ant1-2441-0~Reference-PASS

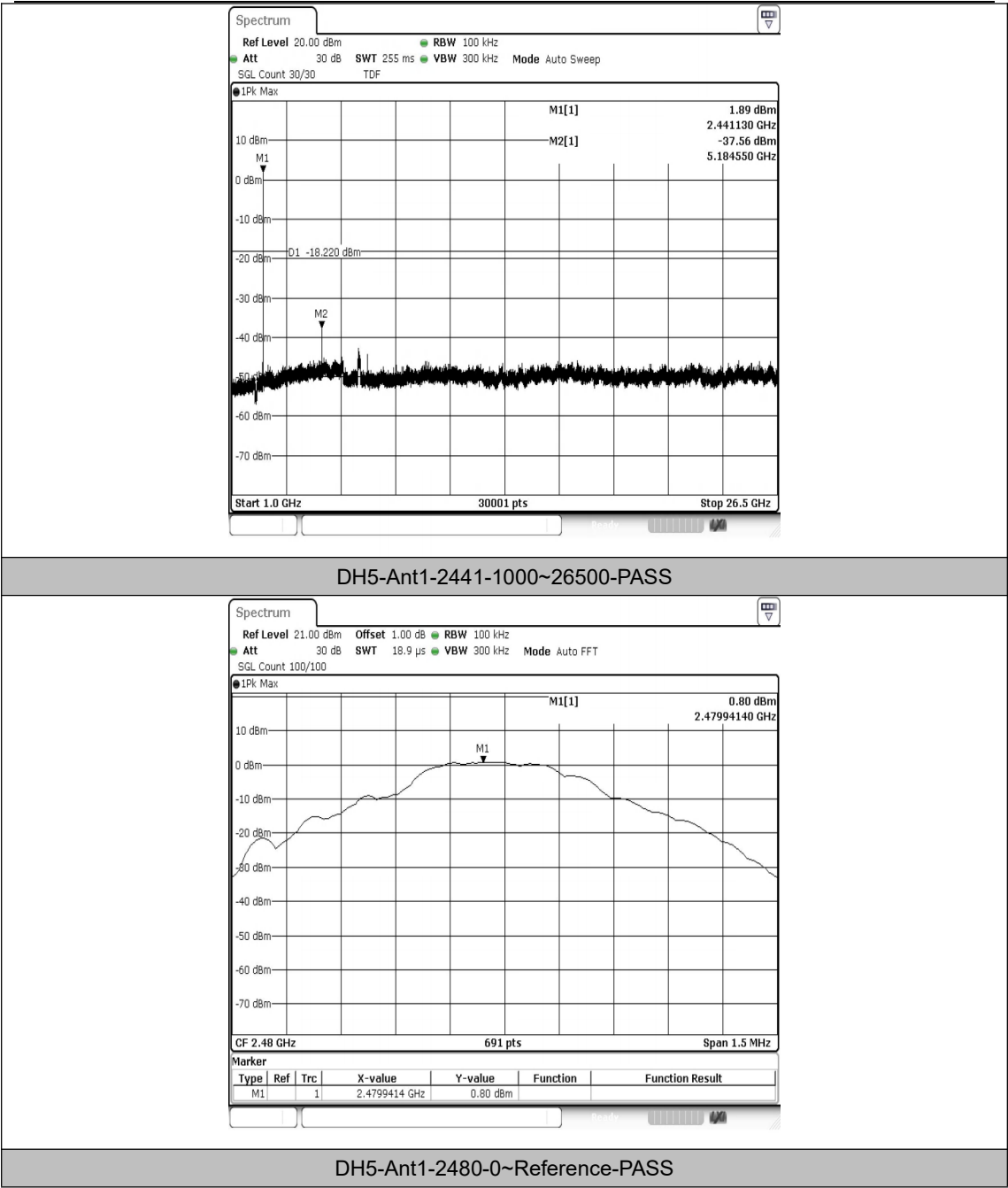


DH5-Ant1-2441-30~1000-PASS

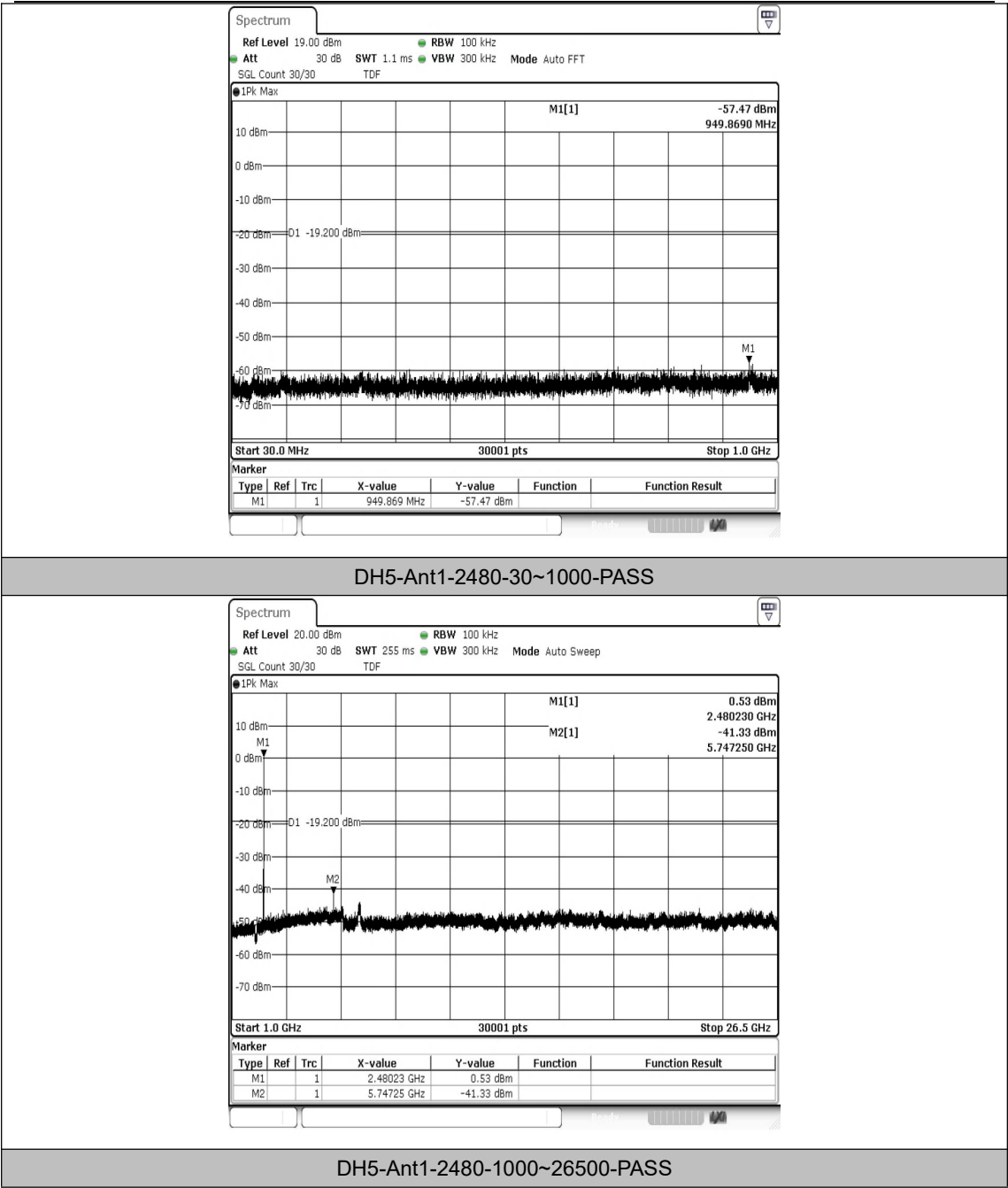
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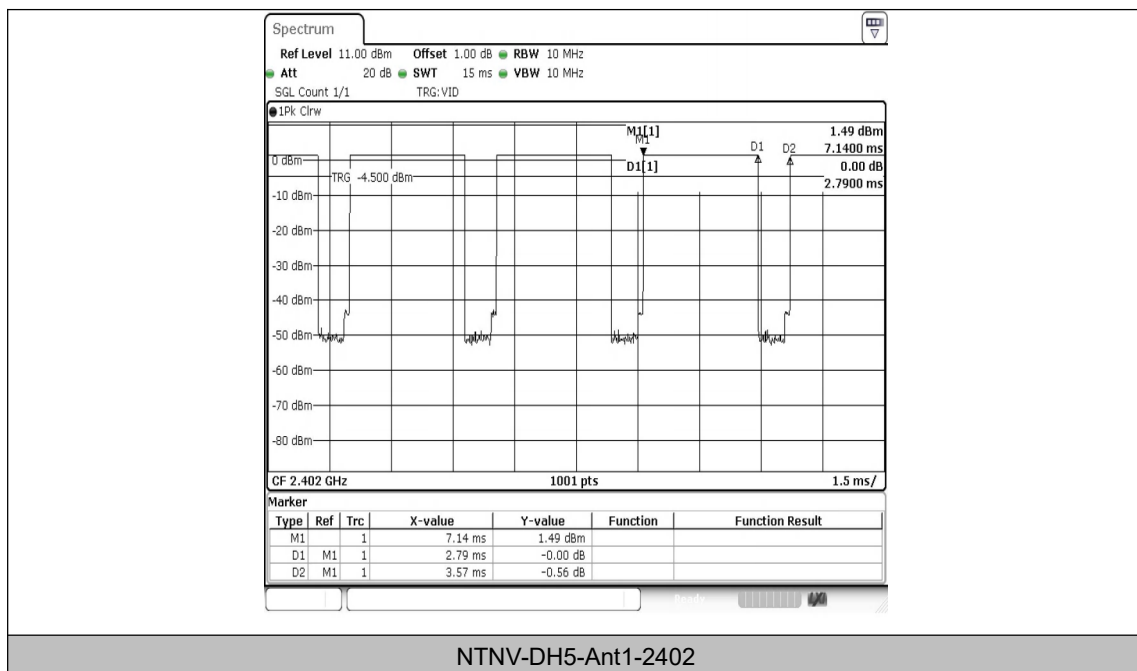


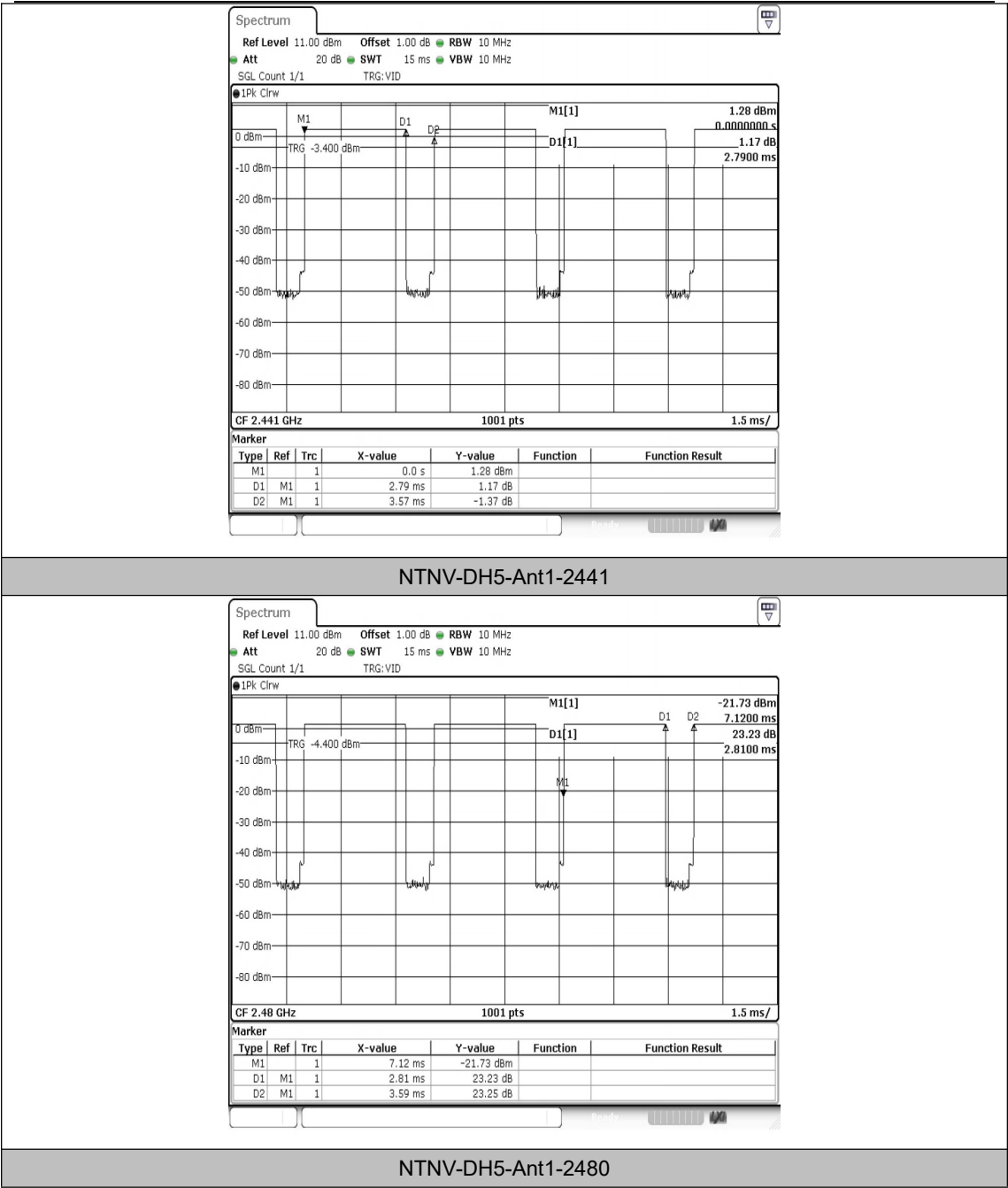
## Appendix I: Duty Cycle

### Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.79	3.57	78.15	1.07
DH5	Ant1	2441	2.79	3.57	78.15	1.07
DH5	Ant1	2480	2.81	3.59	78.27	1.06

### Test Graphs





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