

Appendix Test Data

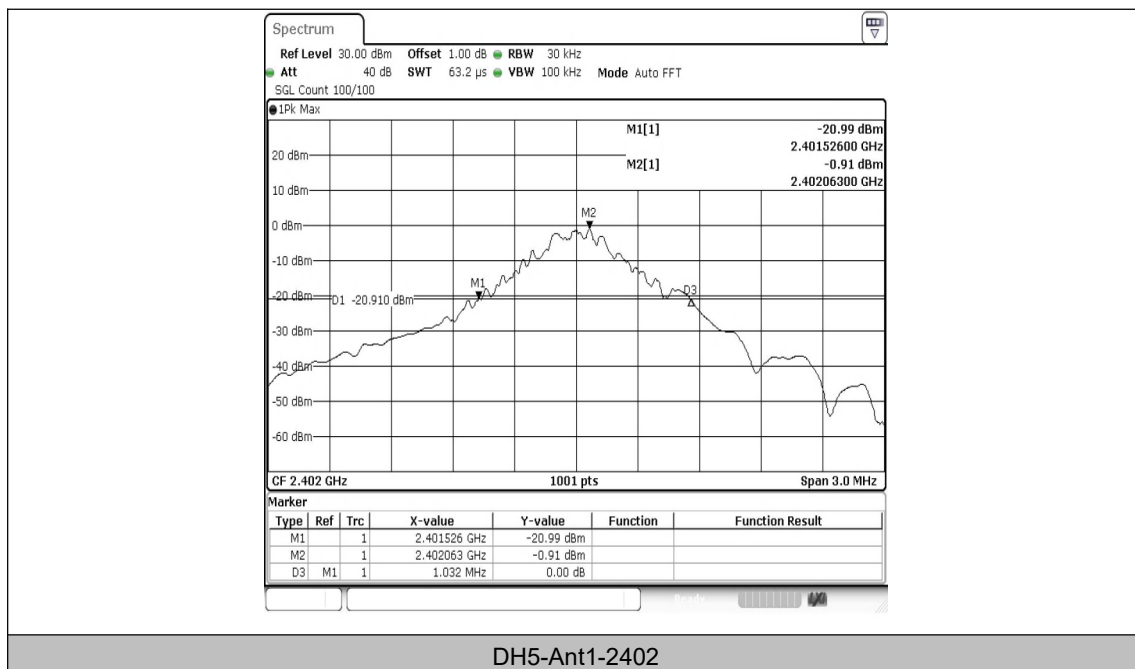
Report No.:	1812C50297912501	Test Sample No.:	1-2-2
Start Test Date:	2025-6-19	Finish Test Date:	2025-6-25
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	26.1°C	Relative Humidity:	53%
Pressure:	101kPa		

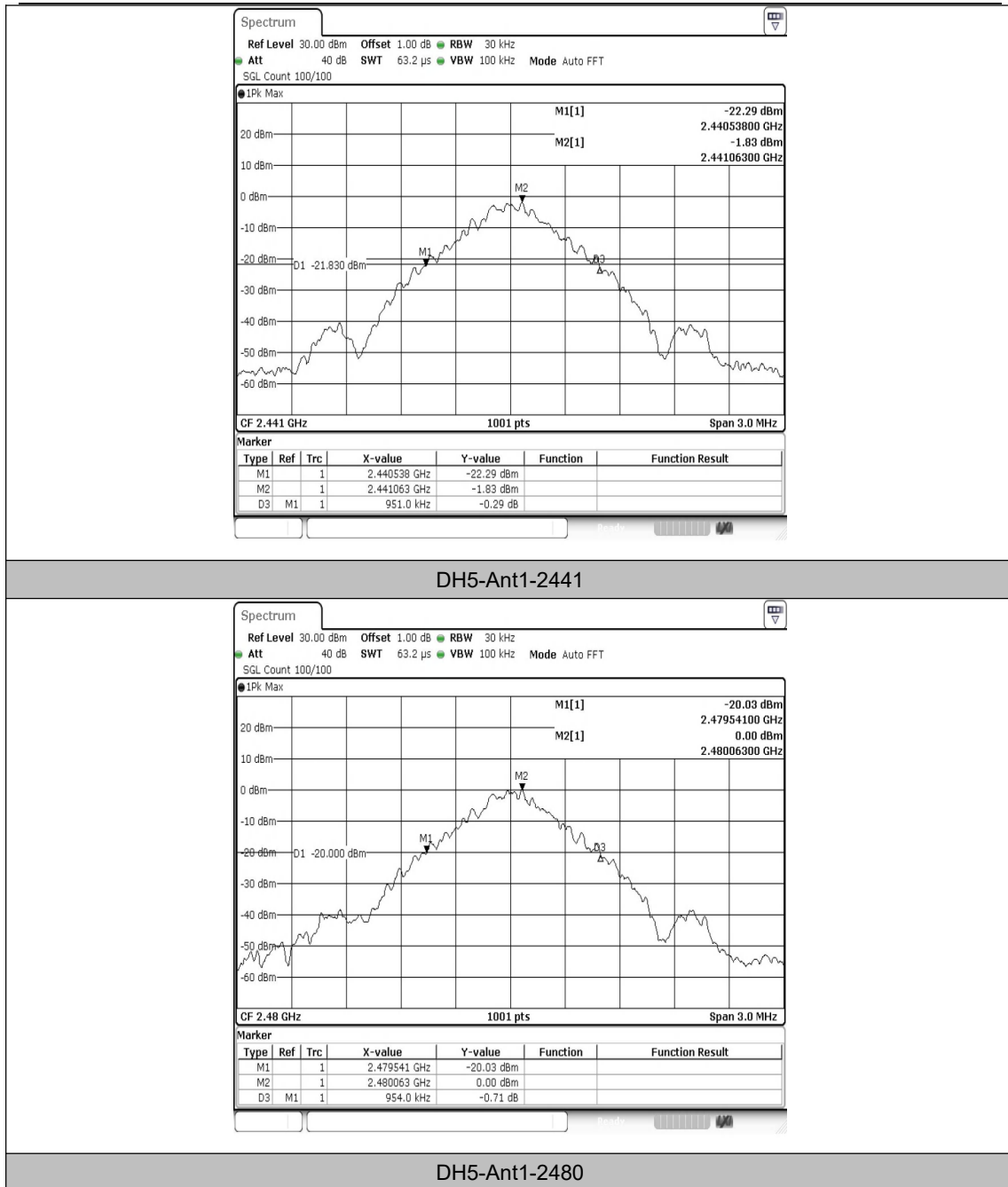
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.03	2401.53	2402.56	---	---
DH5	Ant1	2441	0.95	2440.54	2441.49	---	---
DH5	Ant1	2480	0.95	2479.54	2480.50	---	---

Test Graphs



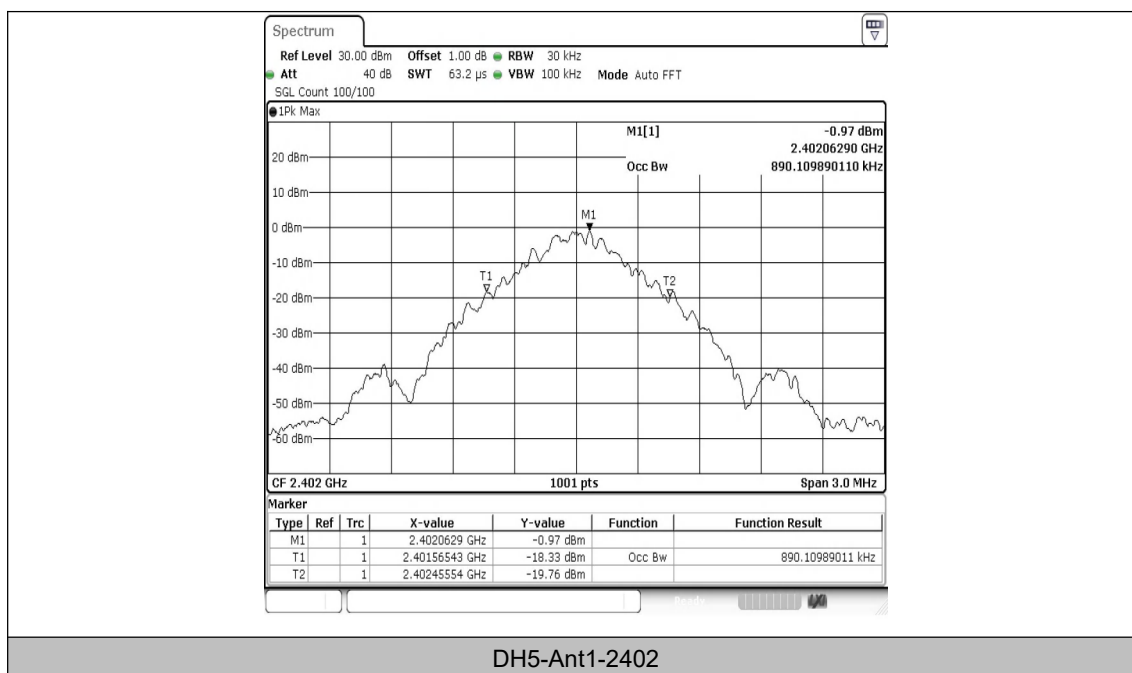


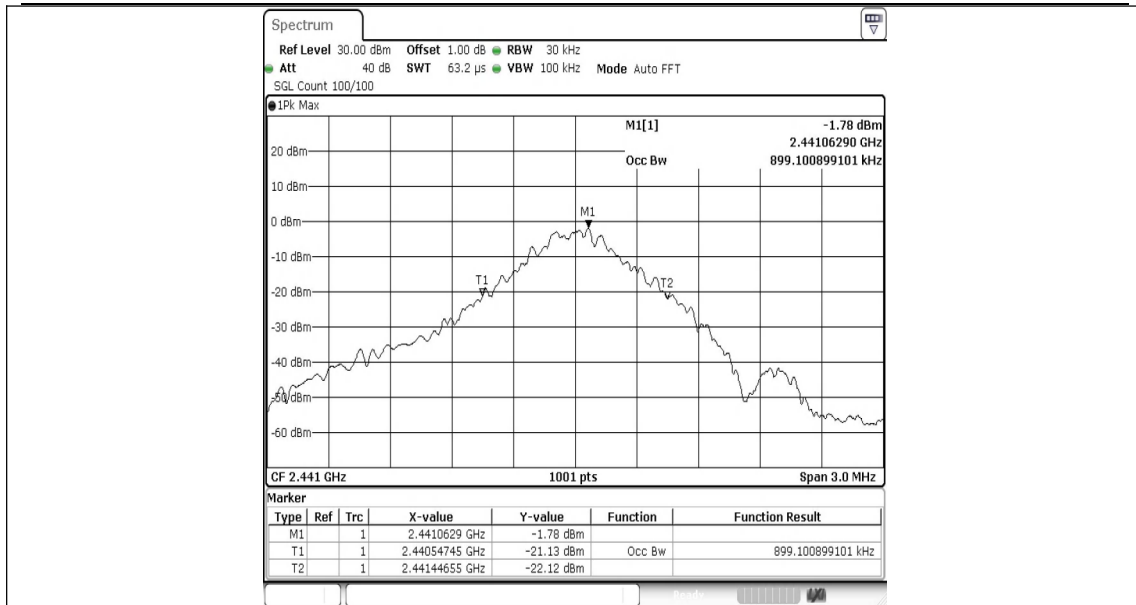
Appendix B: 99% Occupied Bandwidth

Test Result

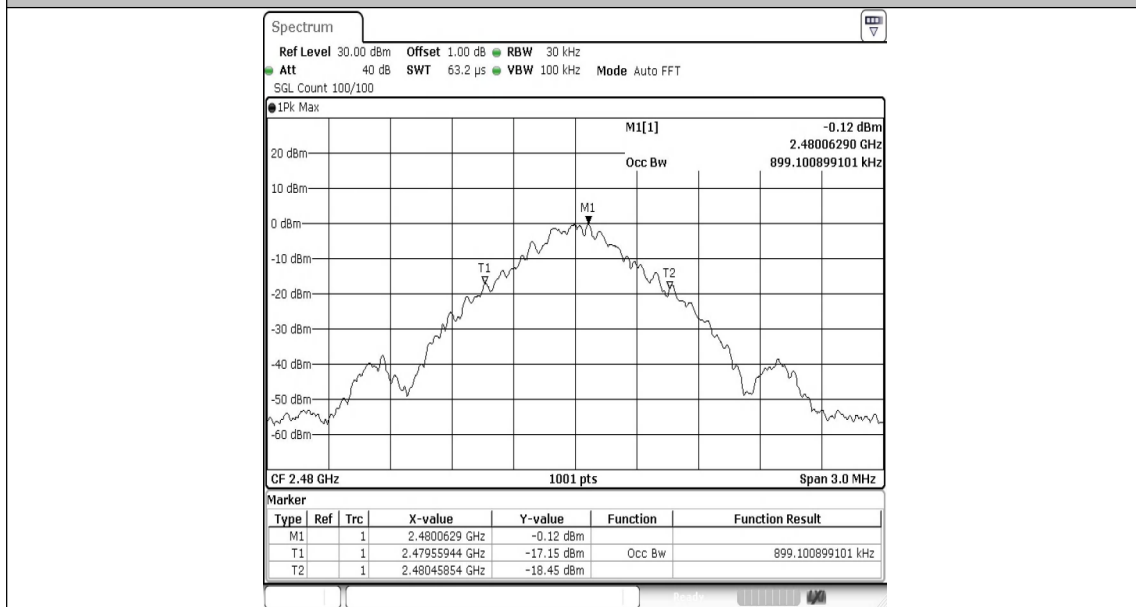
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89011	2401.5654	2402.4555	---	---
DH5	Ant1	2441	0.89910	2440.5475	2441.4466	---	---
DH5	Ant1	2480	0.89910	2479.5594	2480.4585	---	---

Test Graphs





DH5-Ant1-2441



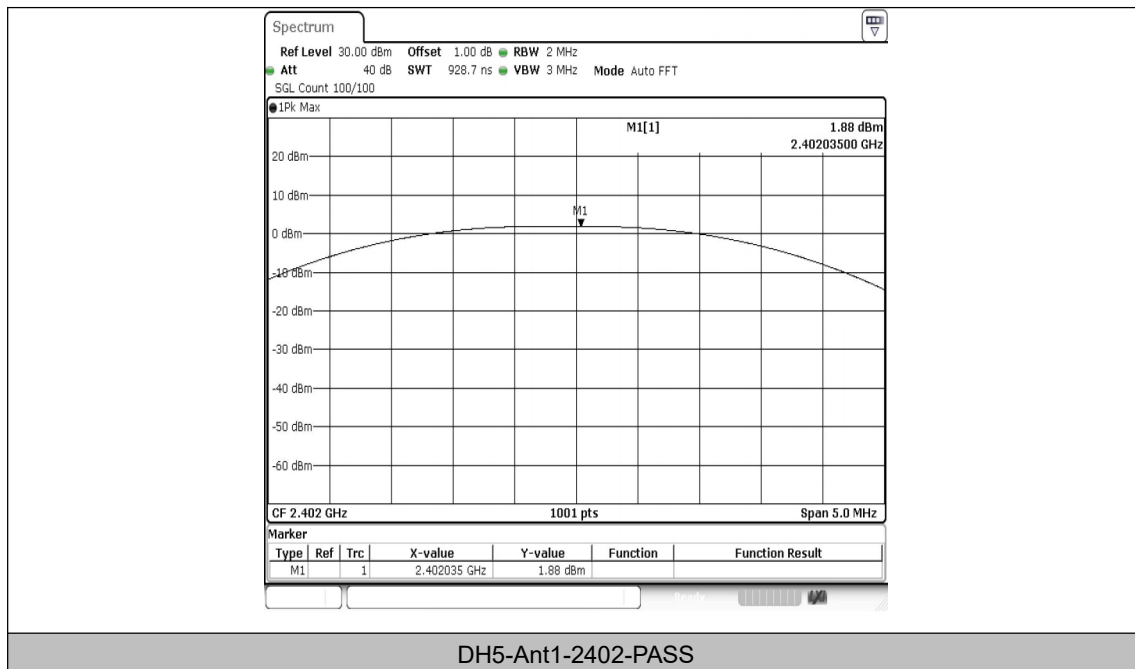
DH5-Ant1-2480

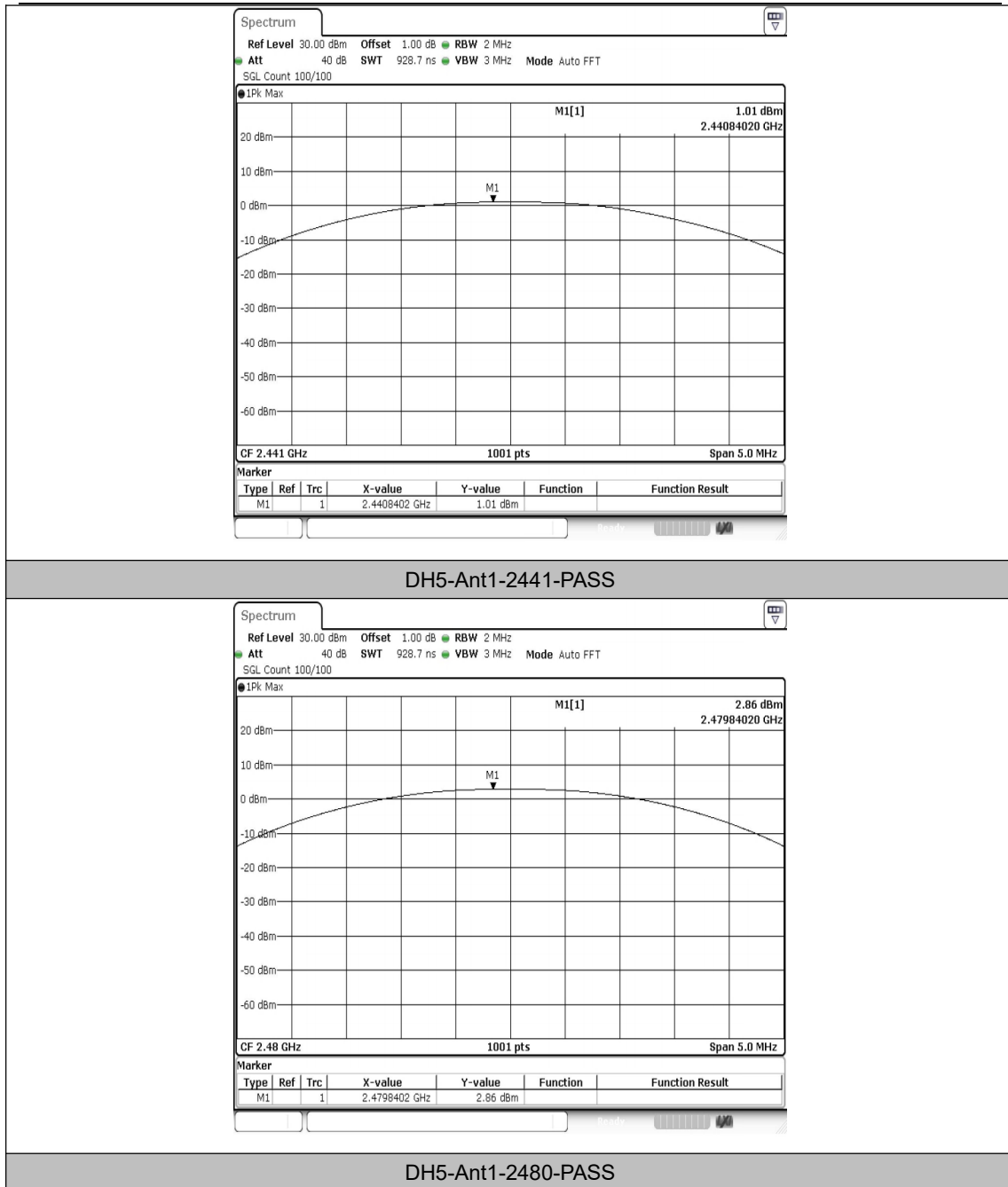
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.88	≤20.97	PASS
DH5	Ant1	2441	1.01	≤20.97	PASS
DH5	Ant1	2480	2.86	≤20.97	PASS

Test Graphs



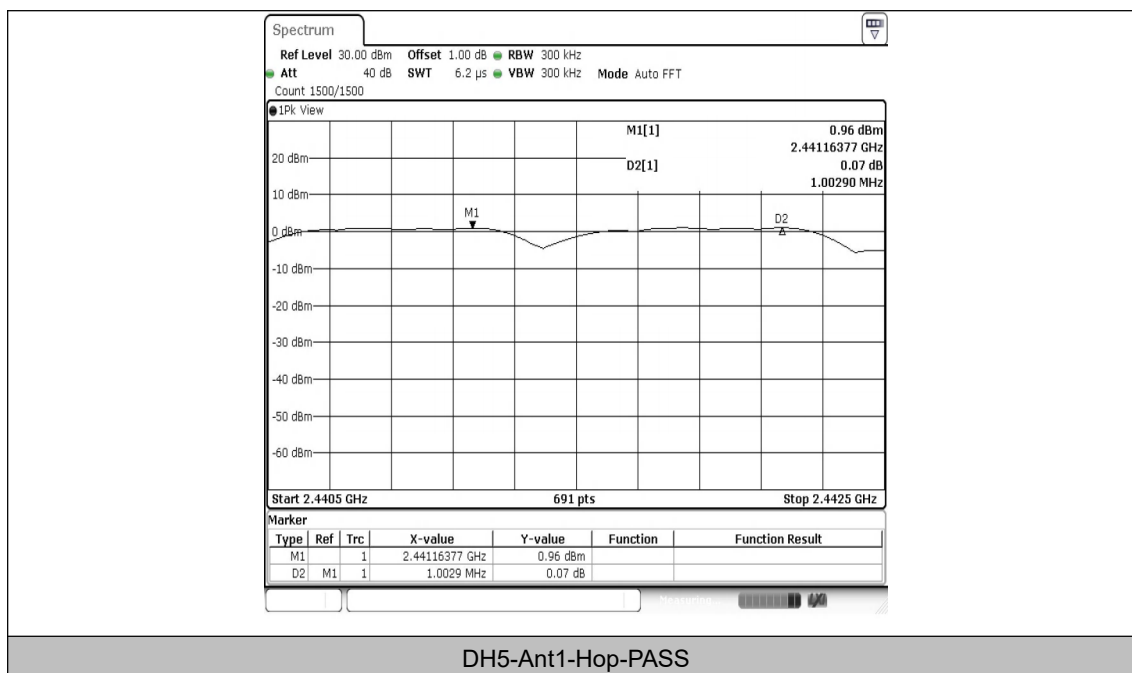


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	≥0.687	PASS

Test Graphs

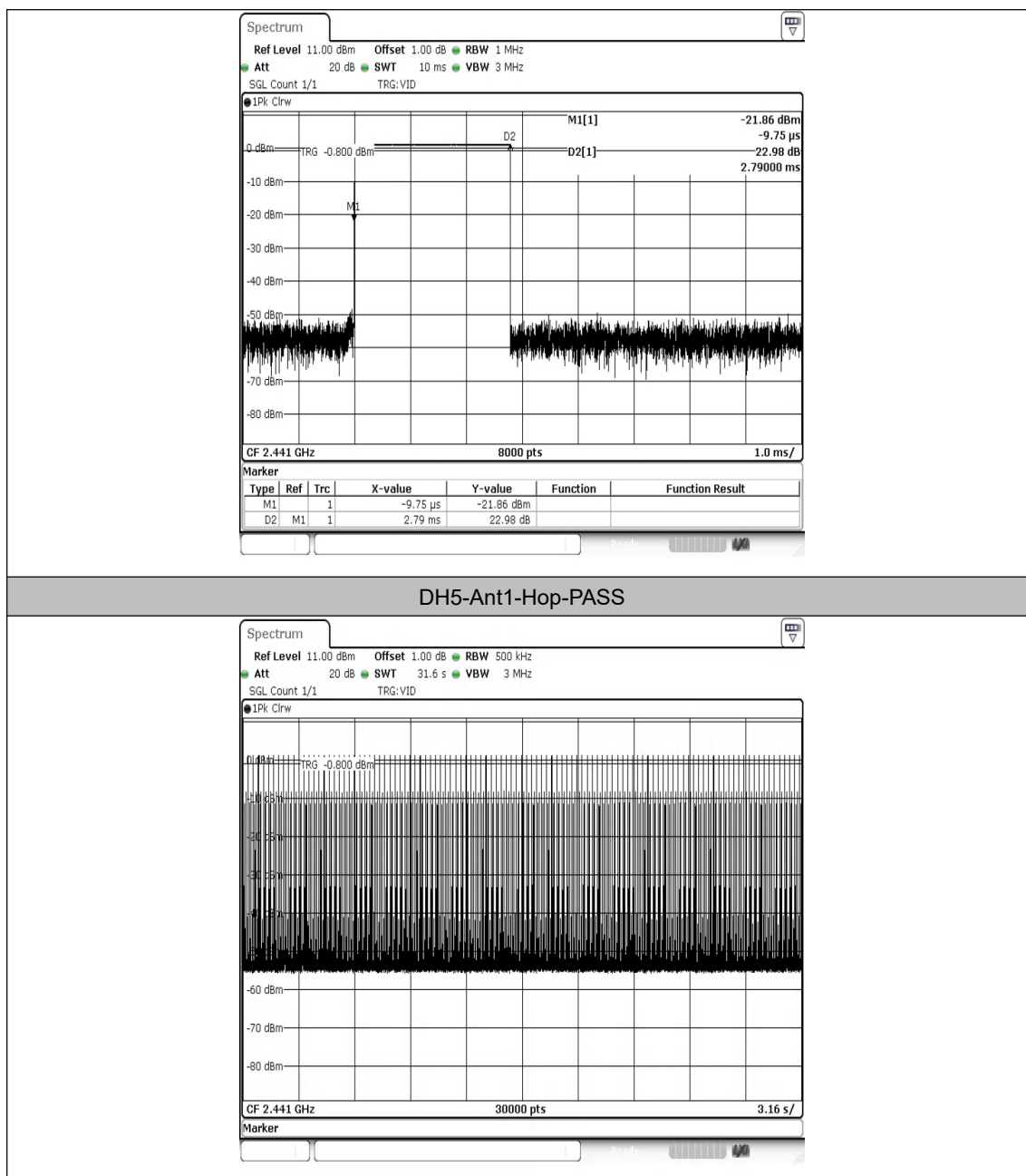


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.790	111	0.31	≤0.4	PASS

Test Graphs

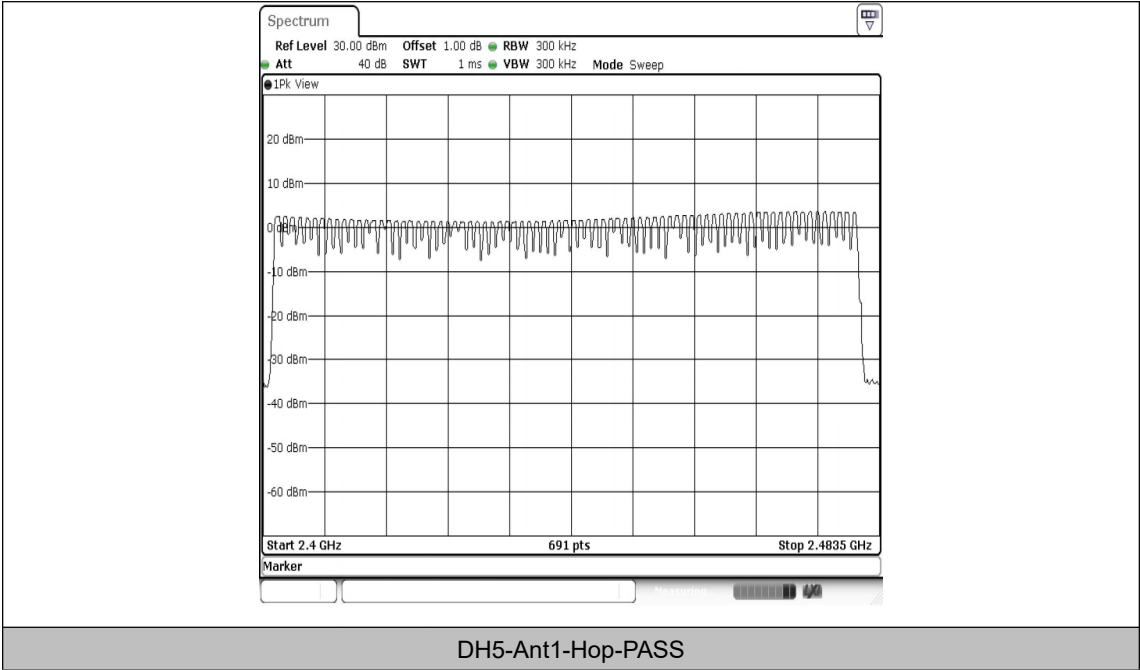


Appendix F: Number of Hopping Channel

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

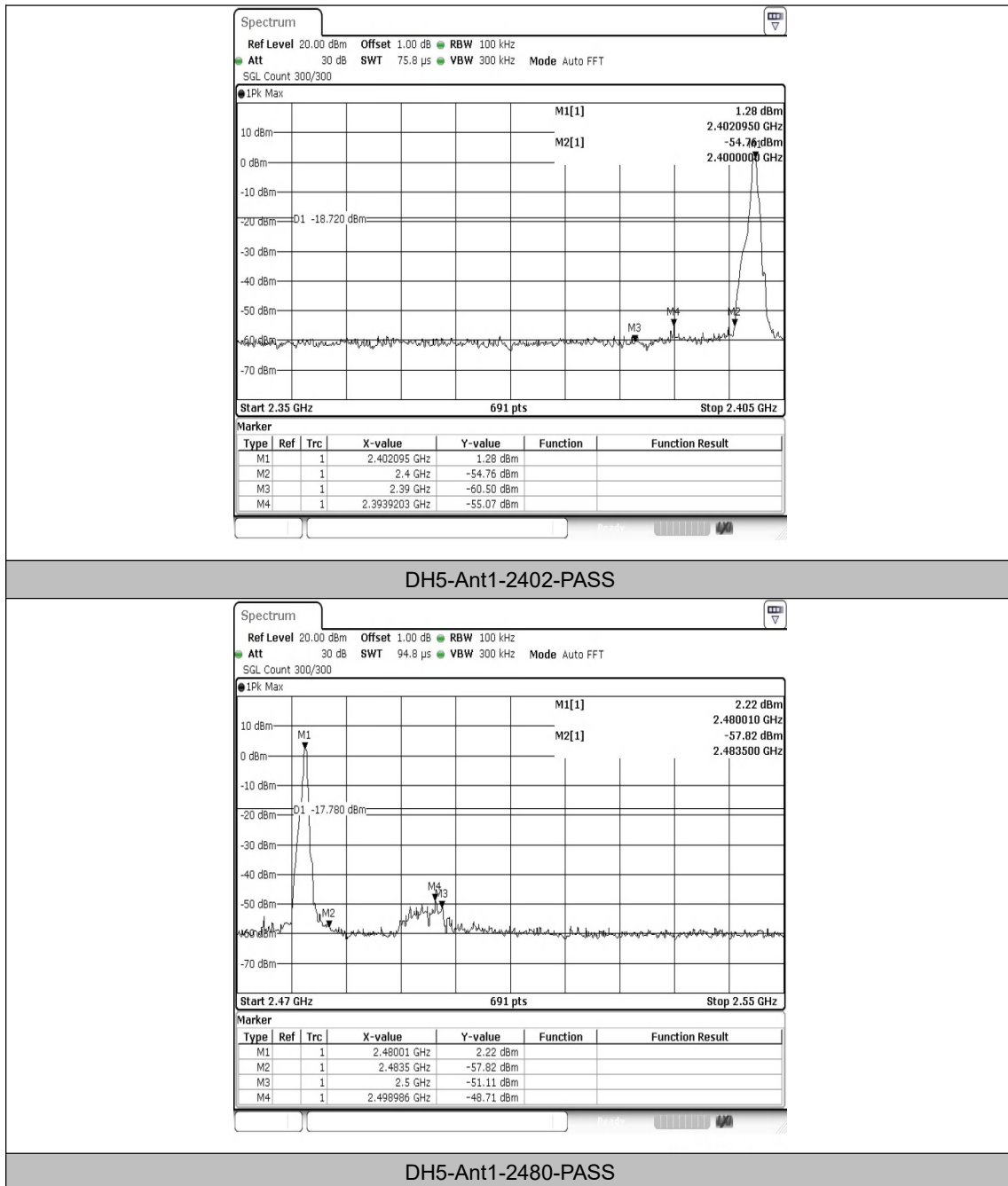
Test Result

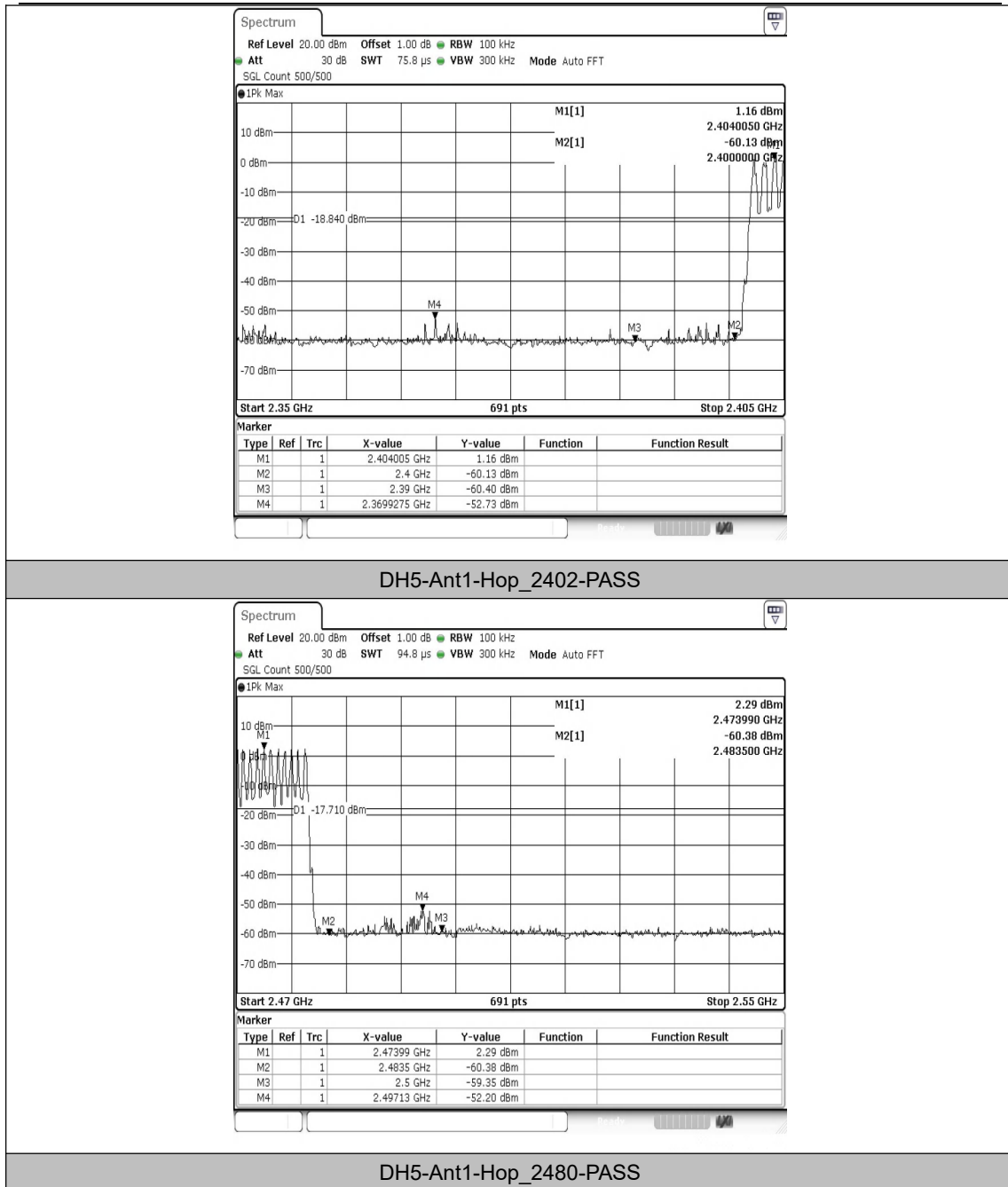
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.28	-55.07	≤ -18.72	PASS
DH5	Ant1	High	2480	2.22	-48.71	≤ -17.78	PASS
DH5	Ant1	Low	Hop_2402	1.16	-52.73	≤ -18.84	PASS
DH5	Ant1	High	Hop_2480	2.29	-52.2	≤ -17.71	PASS

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





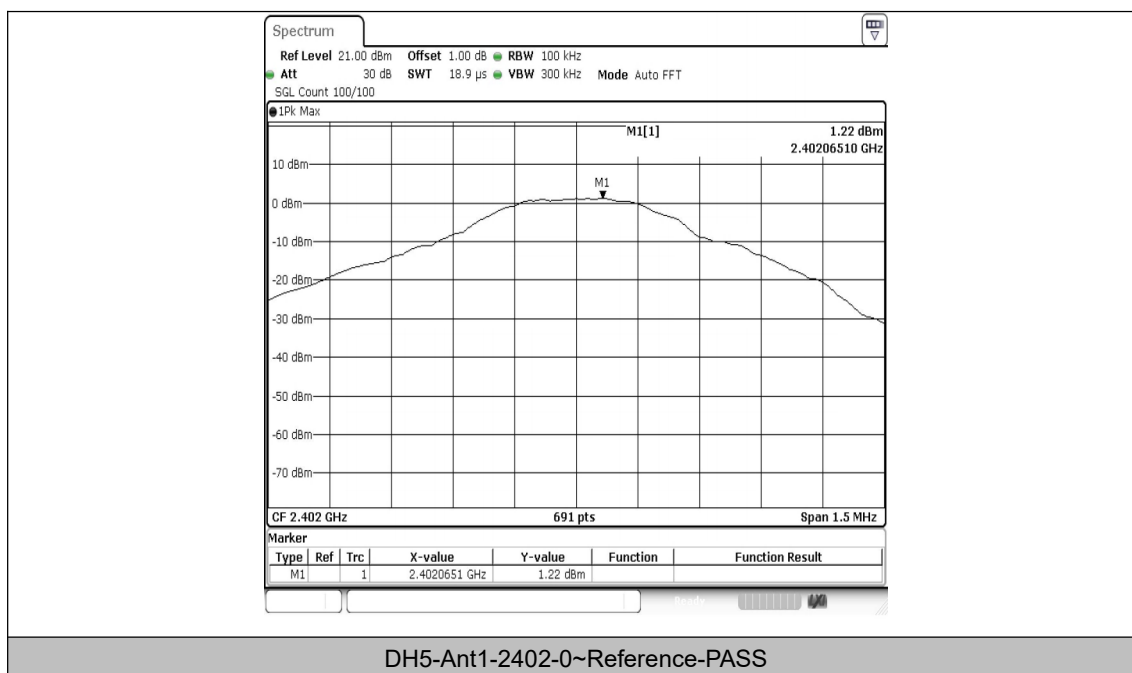
Appendix H: Conducted Spurious Emission

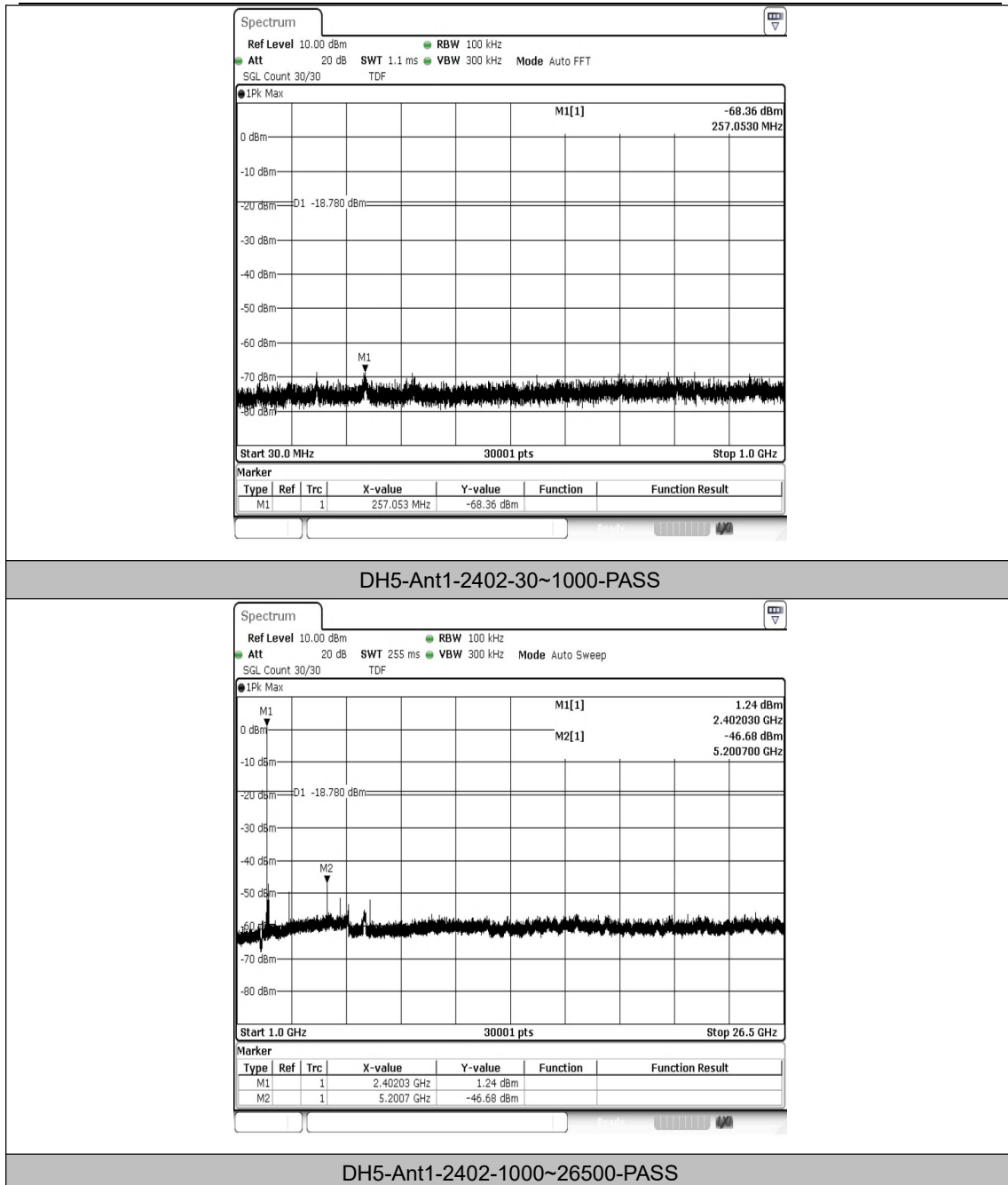
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	1.22	1.22	---	PASS
DH5	Ant1	2402	30~1000	1.22	-68.36	≤-18.78	PASS
DH5	Ant1	2402	1000~26500	1.22	-46.68	≤-18.78	PASS
DH5	Ant1	2441	0~Reference	0.46	0.46	---	PASS
DH5	Ant1	2441	30~1000	0.46	-67.67	≤-19.54	PASS
DH5	Ant1	2441	1000~26500	0.46	-52.77	≤-19.54	PASS
DH5	Ant1	2480	0~Reference	2.18	2.18	---	PASS
DH5	Ant1	2480	30~1000	2.18	-68.33	≤-17.82	PASS
DH5	Ant1	2480	1000~26500	2.18	-50.07	≤-17.82	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

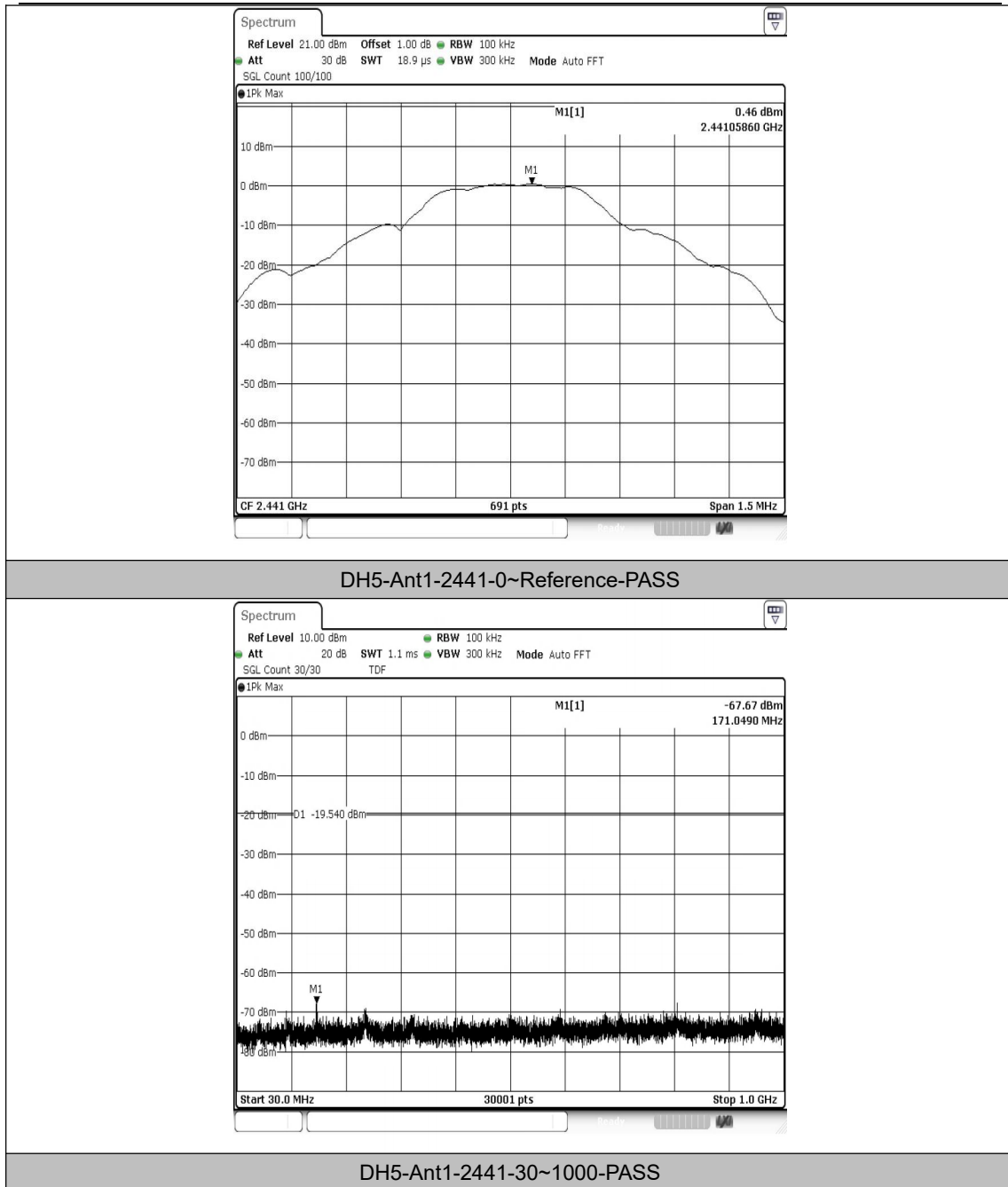


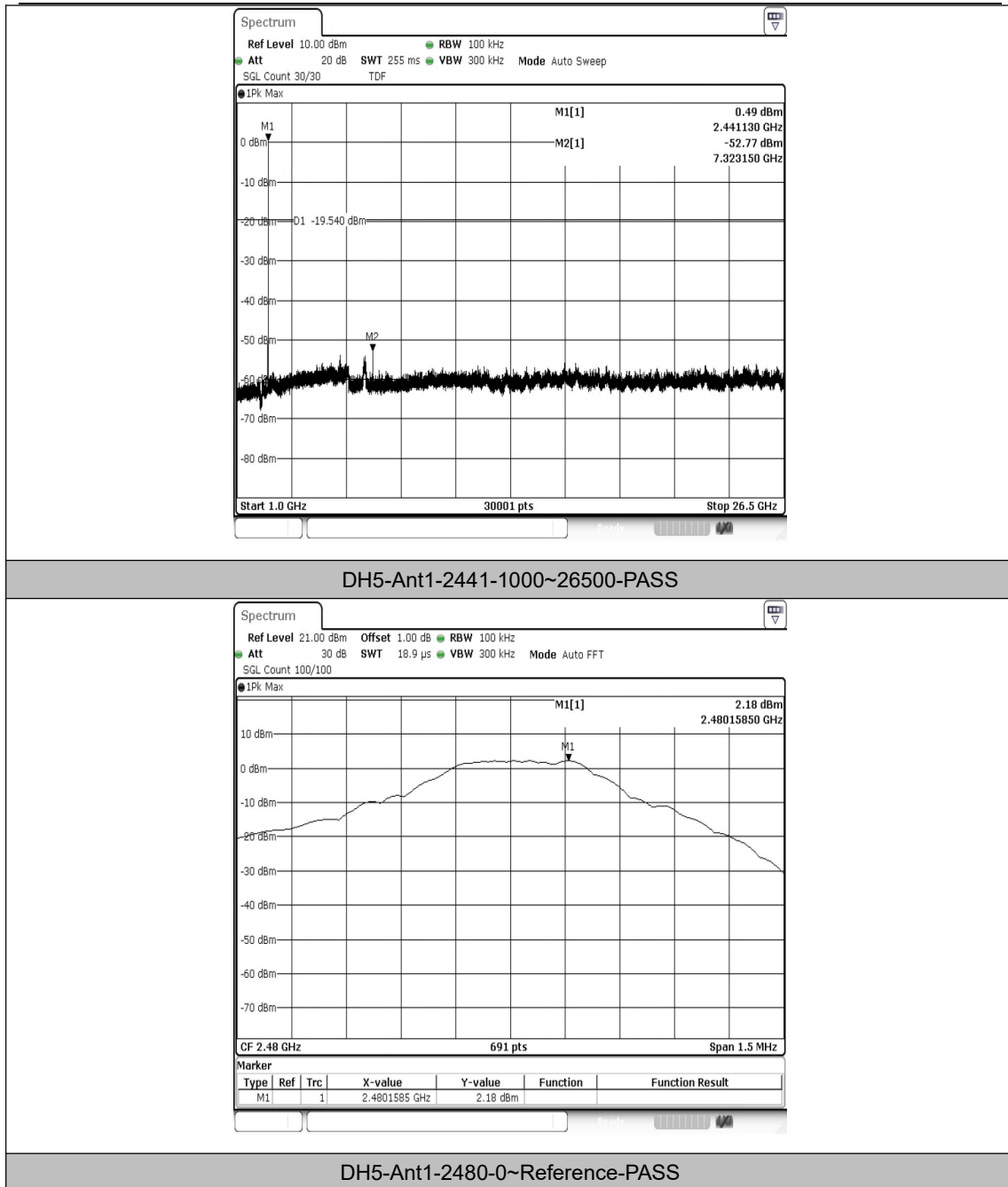


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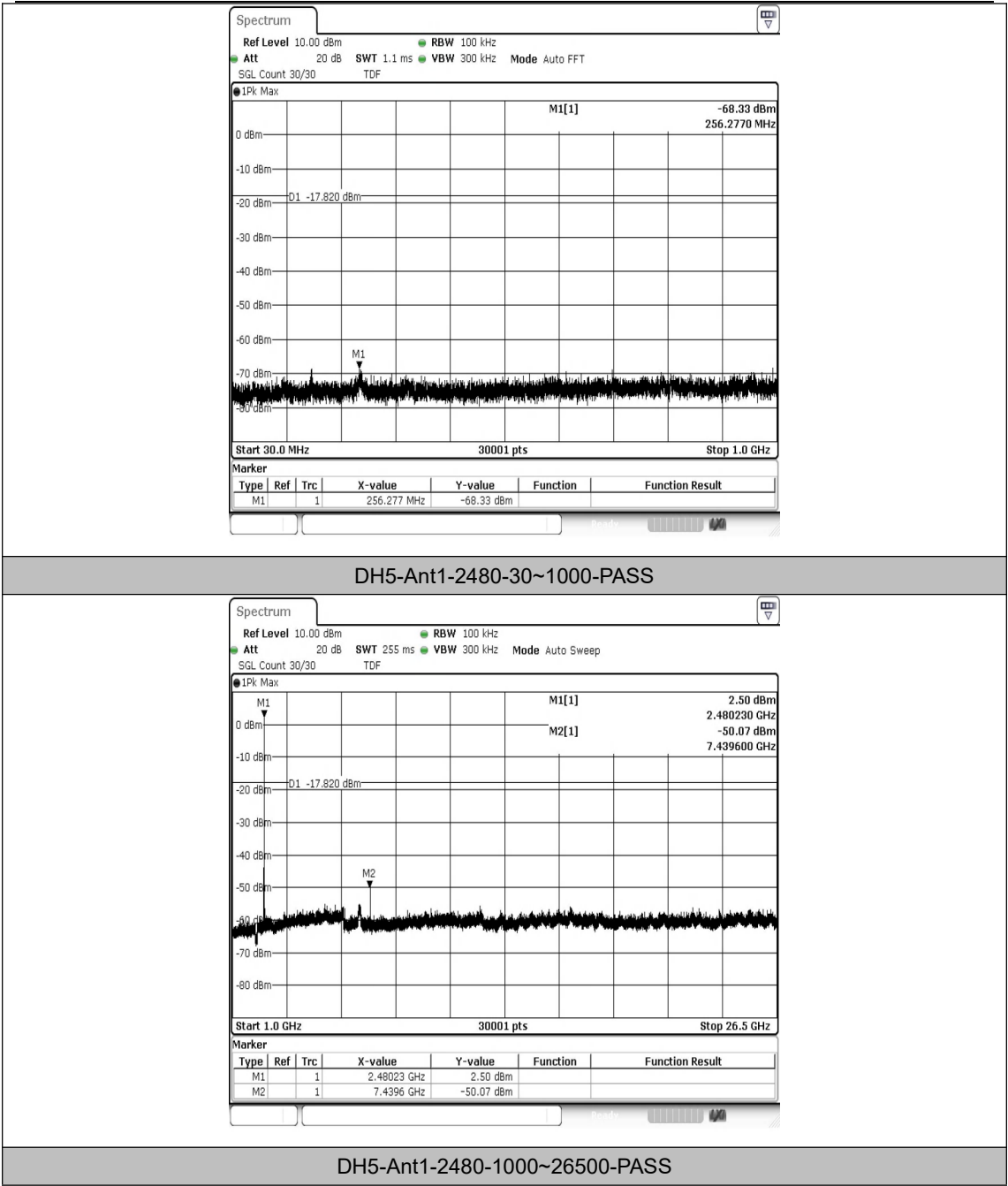




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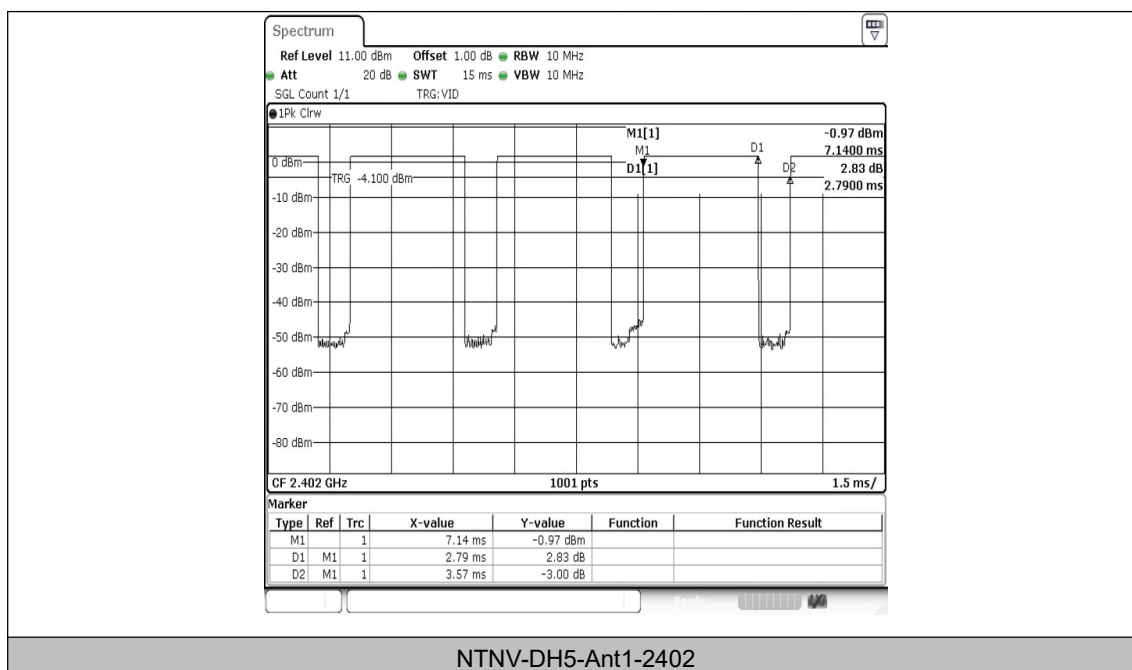


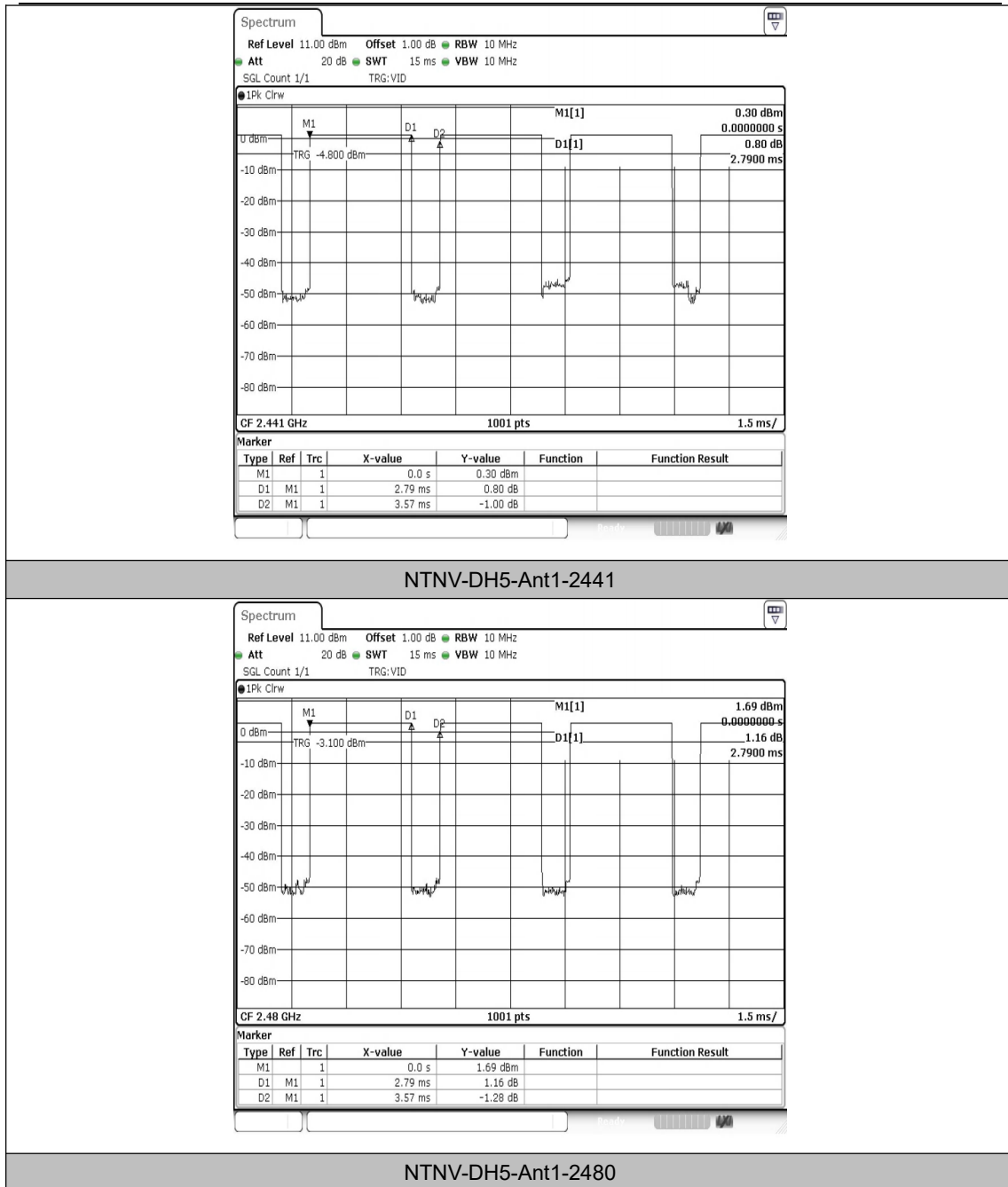
Appendix I: Duty Cycle

Test Result

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

Test Graphs





---End---