

## EXHIBIT G – Radiated Emissions 15.231 Test Data

FCC ID O77-WTX-SERIES

# Northwest EMC, Inc.

Version 98.9a, Aug., 2000  
Margin Sort

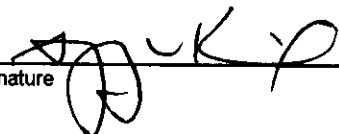
Equipment Tested: **WTX 3500**  
Serial Number: **none**  
Manufacturer: **American Digital Technologies**  
Job Number: **AMD10002**  
Test Date: **08-23-2000**  
Tested By: **Greg Kiemel, EV01**  
Test Distance: **3 meters.**

Modulated carrier. Average Data derived by adding a duty cycle correction factor of -13.6  
dB to peak data (ref 15.35(c))

## FCC 15.231 Average Radiated Emissions (3 meter limit)

Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Horizontal Vertical	Preamp Gain (dB)	Cable Loss (dB)	Adjusted Level (dBuV/m)	Spec Limit (dBuV/m)	Table Azimuth (degree)	Antenna Height (meters)	Compared (To Limit) (dB)
303.889	87.6	AV	14.1	HDIP	31.3	0.9	71.3	74.2	279.0	1.1	-2.9
XMIT freq											
911.680	60.1	AV	23.4	HDIP	32.0	1.7	53.2	61.9	268.0	1.0	-8.7
607.778	60.4	AV	20.3	HDIP	32.0	1.4	50.1	61.9	304.0	1.4	-11.8
303.889	73.4	AV	14.1	VDIP	31.3	0.9	57.1	74.2	252.0	1.3	-17.1
XMIT freq											
911.680	50.6	AV	23.4	VDIP	32.0	1.7	43.7	61.9	297.0	1.3	-18.2
607.778	49.9	AV	20.3	VDIP	32.0	1.4	39.6	61.9	101.0	1.0	-22.3

Signature



Temperature 67F 38% Humidity  
c:\nwoats\data\AMD10002\am2avlow.rad

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Equipment Tested: **WTX 3500**  
Serial Number: **none**  
Manufacturer: **American Digital Technologies**  
Job Number: **AMD10002**  
Test Date: **08-23-2000**  
Tested By: **Greg Kiemel, EV01**  
Test Distance: **3 meters.**  
**Modulated carrier.**

## FCC 15.231 Peak Radiated Emissions (3 meter limit)

Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Horizontal Vertical	Preamp Gain (dB)	Cable Loss (dB)	Adjusted Level (dBuV/m)	Spec Limit (dBuV/m)	Table Azimuth (degree)	Antenna Height (meters)	Compared (To Limit) (dB)
303.889	101.2	PK	14.1	HDIP	31.3	0.9	84.9	94.2	279.0	1.1	-9.3
XMIT freq											
911.680	73.7	PK	23.4	HDIP	32.0	1.7	66.8	81.9	268.0	1.0	-15.1
607.778	74.0	PK	20.3	HDIP	32.0	1.4	63.7	81.9	304.0	1.4	-18.2
303.889	87.0	PK	14.1	VDIP	31.3	0.9	70.7	94.2	252.0	1.3	-23.5
XMIT freq											
911.680	64.2	PK	23.4	VDIP	32.0	1.7	57.3	81.9	297.0	1.3	-24.6
607.778	63.5	PK	20.3	VDIP	32.0	1.4	53.2	81.9	101.0	1.0	-28.7

Signature

Temperature 67F 38% Humidity  
c:\nwoats\data\AMD10002\am2pklow.rad

# Northwest EMC, Inc.

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Equipment Tested: **WTX 3500**  
Serial Number: **none**  
Manufacturer: **American Digital Technologies**  
Job Number: **AMD10002**  
Test Date: **08-23-2000**  
Tested By: **Greg Kiemel, EV01**  
Test Distance: **3 meters.**

Modulated carrier. Average Data derived by adding a duty cycle correction factor of -13.6 dB to peak data (ref 15.35(c)).

## FCC 15.231 Average Radiated Emissions (3 meter limit)

Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Horizontal Vertical	Preamp Gain (dB)	Cable Loss (dB)	Adjusted Level (dBuV/m)	Spec Limit (dBuV/m)	Table Azimuth (degree)	Antenna Height (meters)	Compared (To Limit) (dB)
1823.342	54.1	AV	26.2	HHIH	33.2	2.4	49.5	61.9	26.0	1.5	-12.4
1823.343	52.5	AV	26.2	VHIH	33.2	2.4	47.9	61.9	172.0	1.3	-14.0

Signature

Temperature 67F 38% Humidity  
c:\nwboats\data\AMD10002\am2avlow.rad

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Equipment Tested: **WTX 3500**  
Serial Number: **none**  
Manufacturer: **American Digital Technologies**  
Job Number: **AMD10002**  
Test Date: **08-23-2000**  
Tested By: **Greg Kiemel, EV01**  
Test Distance: **3 meters.**  
**Modulated carrier.**

## FCC 15.231 Peak Radiated Emissions (3 meter limit)

Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Horizontal Vertical	Preamplifier Gain (dB)	Cable Loss (dB)	Adjusted Level (dBuV/m)	Spec Limit (dBuV/m)	Table Azimuth (degree)	Antenna Height (meters)	Compared (To Limit) (dB)
1823.342	67.7	PK	26.2	HHIH	33.2	2.4	63.1	81.9	26.0	1.5	-18.8
1823.343	66.1	PK	26.2	VHIH	33.2	2.4	61.5	81.9	172.0	1.3	-20.4

Signature

Temperature 67F 38% Humidity