

EXHIBIT F – Radiated Emissions 15.209 Test Data

FCC ID O77-WTX-SERIES

Northwest EMC, Inc.

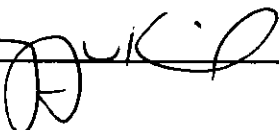
Version 98.9a, Aug., 2000
Margin Sort

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.

FCC 15.209 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)
608.000	43.1	QP	20.3	HDIP	32.0	1.4	32.8	46.0	342.0	1.3	-13.2
skirt of spurious emission at 607.778 MHz											
608.000	42.2	QP	20.3	VDIP	32.0	1.4	31.9	46.0	293.0	3.0	-14.1
skirt of spurious emission at 607.778 MHz											

Signature



Temperature 67F 38% Humidity
c:\nwoats\data\AMD10002\amdi0002.rad

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

FCC 15.209 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)
1215.561	60.0	AV	23.8	HHIH	35.2	2.2	50.8	54.0	205.0	1.0	-3.2
1519.452	56.8	AV	24.7	HHIH	34.9	2.2	48.8	54.0	155.0	1.7	-5.2
1215.562	55.8	AV	23.8	VHIH	35.2	2.2	46.6	54.0	159.0	1.4	-7.4
1519.452	49.7	AV	24.7	VHIH	34.9	2.2	41.7	54.0	73.0	2.2	-12.3

Signature

Temperature 67F 38% Humidity

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Freq. Sort

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Manufacturer: **American Digital Technologies**
Job Number: **AMD10002**
Test Date: **08-23-2000**
Tested By: **Greg Kiemel, EV01**
Test Distance: **3 meters.**
Modulated carrier.

FCC 15.209 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)
1215.561	73.6	PK	23.8	HHIH	35.2	2.2	64.4	74.0	205.0	1.0	-9.6
1215.562	69.4	PK	23.8	VHIH	35.2	2.2	60.2	74.0	159.0	1.4	-13.8
1519.452	63.3	PK	24.7	VHIH	34.9	2.2	55.3	74.0	73.0	2.2	-18.7
1519.452	70.4	PK	24.7	HHIH	34.9	2.2	62.4	74.0	155.0	1.7	-11.6

Signature

Temperature 67F 38% Humidity
c:\nwoats\data\AMD10002\amdi0002.rad