Straubing, October 13, 2000

Supplement C to Test Report

No. 50118-00241-2

for

AN-24-16PL24-NF Microceptor Antenna

Applicant: Airdata WIMAN Systems Inc.

Purpose of testing: To show compliance with

FCC Code of Federal Regulations,
Part 15 Subpart C, Section §15.247

	Spurios Radiated Emissions		Passed

Field Strength of Emissions according to FCC Rules, Part 15, Subpart C, Section 15.247

Model:	WIMAN II + Microceptor Antenna 16 dBi
Type:	FHSS RF Modem
Serial No.:	0001
Applicant:	Airdata WIMAN Systems Inc
Test Site:	Open Field Test Site (< 1GHz) Semi-anechoic chamber (>1GHz)
Distance:	3 Meter
Date of test:	April 2000

Frequency (MHz)	Detector	Antenna Polarization	Analyzer Reading (dBµV)	Correction Factor (dB)	Field Strength (dBµV/m)
49.67	Quasi Peak	Horizontal	18.6	15.7	**34.3**
629.0	Quasi Peak	Horizontal	9.9	30.4	**40.3**
2406.6	Peak	Horizontal	11.2	31.0	**42.2**
4967.7	Peak	Vertical	18.6	28.2	**44.8**
7207.7	Peak	Vertical	22.3	31.0	**53.3**
9604.6	Peak	Horizontal	16.6	34.7	**51.3**
12026.6	Peak	Vertical	16.0	35.0	**51.0**

Sample calculation of field strength values:

Field Strength (dBµV/m) = Analyzer Reading (dBµV) + Correction Factor (dB)

Test instruments used: (see equipment list for details)
02, 13, 14, 16, 38, 40 ,42, 57, 64, 67

§15.209	Radiated emission test	-	

Field Strength of Emissions according to FCC Rules, Part 15, Subpart C, Section 15.209 - Receive Mode -

Model:	WIMAN II+ Microceptor Antenna 16 dBi
Type:	FHSS RF Modem
Serial No.:	0001
Applicant:	Airdata WIMAN Inc.
Test Site:	Open Field Test Site (< 1GHz) Semi-anechoic chamber (>1GHz)
Distance:	3 Meter
Date of test:	April 2000

Frequency (MHz)	Detector	Antenna Polarization	Analyzer Reading (dBµV)	Correction Factor (dB)	Field Strength (dBµV/m)
49.67	Quasi Peak	Horizontal	18.6	15.7	**34.3**
629.0	Quasi Peak	Horizontal	9.9	30.4	**40.3**

Sample calculation of field strength values:

Field Strength (dBµV/m) = Analyzer Reading (dBµV) + Correction Factor (dB)

Test instruments used: (see equipment list for details)
02, 13, 14, 16, 38, 40 ,42, 57, 64, 67

Photograph of test setup

Test setup for radiated emission test above 1 GHz