

Measurement Report
In Support of
Application for Permissive Change
AirNet Communications Corporation
Model BTS 2000 for PCS-1900

FCC ID: MZKBPU2000-1900

LIST OF EXHIBITS

	<u>DESCRIPTION</u>	<u>EXHIBIT</u>	<u>FCC REF.</u>
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	1. Technical Characteristics		
	2. FCC label location drawing		
	3. FCC label sample		
	4. Photograph		
II.	Radiated Spurious Measurements	2	2.993 [24.238]

EXHIBIT 1

General Description:

This application is submitted as a permissive change to FCC ID: MZKBPU2000-1900. The original filing indicated the construction of this device in a standard rack mount configuration. AirNet will package this existing design in an enclosure for standalone outdoor applications. The transmitter design the same as indicated in the above referenced application.

The outdoor enclosure is a Bellcore rated NEMA style steel enclosure. The doors to the equipment chamber are sealed with EMI gasketing. This enclosure provides a better RF shield than the original enclosure that included a plastic screened front panel.

A photograph of the new enclosure is included in this exhibit.

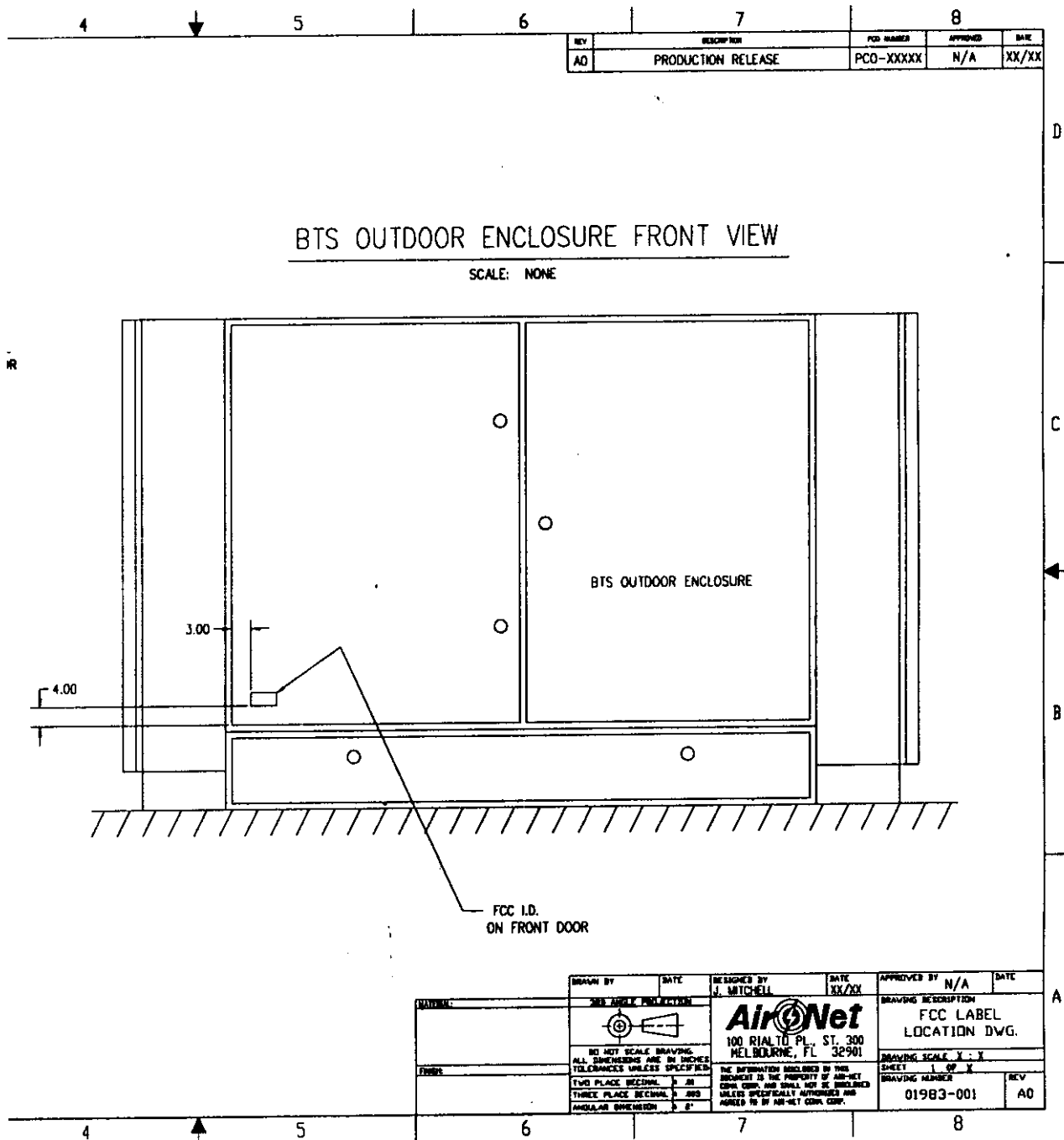
EXHIBIT 1 - FCC LABEL LOCATION DRAWING

EXHIBIT 2

Measurement	Page Number	Exhibit
Radiated Spurious Emissions	6	2

Radiated spurious emissions measurements were performed on the outdoor enclosure. The measured results are included in this Exhibit.

EXHIBIT 2

BTS-2000 Outdoor Enclosure
 Radiated Spurious Emissions
 Measured at Rubicom Systems
 5/8/97

Antenna Polarity	Frequency (MHz)	Reading (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Pre-Amp Factor (dB)	Net (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Notes
h	1975.2	71.7	28.4	1.5	16.0	85.6	84.4	1.2	Fund.
v	1975.2	73.8	28.4	1.5	16.0	87.7	84.4	3.3	Fund.
h	2008.2	35.1	28.4	1.5	16.0	49.0	84.4	-35.4	
v	2008.2	40.2	28.4	1.5	16.0	54.1	84.4	-30.3	
h	2088.2	29.8	28.4	1.5	16.0	43.7	84.4	-40.7	NF
v	2088.2	31.5	28.4	1.5	16.0	45.4	84.4	-39.0	NF
h	3950.0	32.6	33.8	4.0	21.0	49.4	84.4	-35.0	
v	3950.0	36.2	33.8	4.0	21.0	53.0	84.4	-31.4	
h	4016.4	29.4	33.8	4.0	21.0	46.2	84.4	-38.2	NF
v	4016.4	28.7	33.8	4.0	21.0	45.5	84.4	-38.9	NF
h	4176.4	29.3	33.8	4.0	21.0	46.1	84.4	-38.3	NF
v	4176.4	29.7	33.8	4.0	21.0	46.5	84.4	-37.9	NF
h	5926.0	37.8	35.4	5.0	20.0	58.2	84.4	-26.2	
v	5926.0	36.2	35.4	5.0	20.0	56.6	84.4	-27.8	
h	6024.0	34.0	35.4	5.0	20.0	54.4	84.4	-30.0	NF
v	6024.0	35.1	35.4	5.0	20.0	55.5	84.4	-28.9	NF
h	6264.6	34.3	35.4	5.0	20.0	54.7	84.4	-29.7	NF
v	6264.6	34.6	35.4	5.0	20.0	55.0	84.4	-29.4	NF
h	7901.0	32.9	38.0	5.0	17.0	58.9	84.4	-25.5	NF
v	7901.0	34.9	38.0	5.0	17.0	60.9	84.4	-23.5	NF
h	8032.0	36.0	38.0	5.0	30.0	49.0	84.4	-35.4	NF
v	8032.0	35.7	38.0	5.0	30.0	48.7	84.4	-35.7	NF
h	8352.8	36.1	38.0	5.0	30.0	49.1	84.4	-35.3	NF
v	8352.8	35.9	38.0	5.0	30.0	48.9	84.4	-35.5	NF
h	9876.0	35.0	38.5	5.0	25.0	53.5	84.4	-30.9	NF
v	9876.0	35.0	38.5	5.0	25.0	53.5	84.4	-30.9	NF

Resolution bandwidth = 1 MHz; Video Bandwidth = 1 MHz Measurements are max hold

* NF indicates noise floor measurement; no signal detected

* Measurements at higher frequencies up to 20 GHz revealed no signal

* 1 8-Watt carrier on at 1975.2 MHz

* Measurements at 3-meters



May 20, 1998

Federal Communications Commission
Authorization & Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland
USA, 21046

To Whom It May Concern:

Reference: Permissive Change for Part 24 Type Acceptance for PCS-1900 Equipment
AirNet Communications Corporation
FCC ID: MZKBPU2000-1900

Please find enclosed an application for permissive change for the AirNet Broadband Transceiver System (BTS) for PCS-1900 equipment as indicated in the attached form 731.

A check for the amount of \$45 is included in this package to cover the fee for this action.

Based on a 5/19/98 conversation with Greg Czumak of this division, the supporting data for radiated spurious measurements in the outdoor enclosure is the same data submitted in support of the permissive change granted 10/22/97 for FCC ID: MZKBTS2000-1900.

The enclosure depicted in this application is identical to the one in the previous grant. The BTS equipment is identical. The two authorizations differ in that MZKBTS2000-1900 includes a specific non type-accepted power amplifier, while MZKBPU2000-1900 relies on power amplifiers with equipment authorizations. Therefore it was agreed that the radiated spurious characteristics would be identical for the two authorizations and that this permissive change should be filed for MZKBPU2000-1900 for the sake of completeness.

If you have any questions, or need any additional information, feel free to contact John Schwaller at AirNet Communications Corporation. I can be reach by telephone at (407) 676-6716 or by fax at (407) 757-0624.

Sincerely,

A handwritten signature in black ink, appearing to read "John Schwaller". The signature is written in a cursive, flowing style with a large initial "J" and "S".

John Schwaller
Principal Member, Technical Staff

AirNet Communications Corporation
Cc: Mr. Greg Czumak