

PCN Date: 03/09/2009
Job Number: 090309COMSDS02

New Path
RCN Number: 09030934

Administrative Information	BROWARD FL	RX ONLY FL
City/County	/Broward	/Broward
Status / License Basis	Engineering Proposal / PRIMARY OPERATION	Engineering Proposal / PRIMARY OPERATION
Call Sign	WD9XSW (0009-EX-ST-2009)	
Licensee Code	EMBRAE	EMBRAE
Licensee Name	EMBRAER – Empresa Brasileira de Aer	EMBRAER – Empresa Brasileira de Aer
Radio Service / Station Class	MG -- Microwave Industrial/Business Pool	MO --- Mobile

Site Information	Temporary Mobile Location within 0.1 Km Radius of Transmit Coordinates	
Latitude (NAD 83)	26 °4' 45.0~ N	26 °4' 0.0~ N
Longitude (NAD 83)	80 °8' 36.0~ W	80 °8' 0.0~ W
Ground Elevation (m/ft-AMSL)	2.50 / 8.2	1.50 / 4.9
Antenna Structure Registration #		
Path Azimuth (°)	VARIOUS	VARIOUS
Path Length (km / miles)		VARIOUS

Transmit Antenna	O00000
Manufacturer	OMNI
Model	OMNI DIRECTIONAL
Gain (dBi) / Beamwidth (°) / Tilt (°)	10.0 / 198.00 / -0.04
Centerline (m / ft – AGL)	VARIOUS

Receive Antenna	O00000
Manufacturer	OMNI
Model	OMNI DIRECTIONAL
Gain (dBi) / Beamwidth (°)	10.0 / 198.00
Centerline (m / ft – AGL)	VARIOUS

Diversity Receive Antenna	
Manufacturer	
Model	
Gain (dBi) / Beamwidth (°)	
Centerline (m / ft – AGL)	

Radio Information	TEMP20	999999
Manufacturer	ALL MANUFACTURERS	RECEIVE
Model	TEST SIGNAL	ONLY
Model Description		
Emission Designator / Modulation	N0N FM	
Loading	0.000	0.000
Stability (%)	0.001	0.001
	Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm)	50.0	
Received Level (dBm)		VARIOUS
EIRP (dBm)	59.0	
Fixed Loss: Tx / Common (dB)	0.0 / 1.0	0.0 / 1.0
Free Space Loss (dB)		VARIOUS

Transmit Frequency Range (MHz) 928 - 929 MHz, 932 - 960 MHz,
1850 - 2110 MHz, 2400 - 2500 MHz
5945 - 6425 MHz, 6525 - 6875 MHz
6875 - 7125 MHz, 10700 - 11700 MHz
11700 - 19700 MHz