

COMSEARCH
2002 Edmund Halley Drive
Reston, VA 20191
(703) 620-6300

PREVIOUS PCN LETTER DATE: 02/22/2000 CURRENT PCN DATE: 06/29/2000
CURRENT JOB/RCN NUMBER: 000629AN02/00062909

MICROWAVE PATH DATA	
STATION NAME	WDCP009A DC WDCM002 DC
PATH STATUS	PROPOSED
CALL SIGN	WDCP009A WDCM002
OWNER CODE	BACLIN BACLIN
LATITUDE (D-M-S) (NAD83)	38 54 17.0 38 54 12.4
LONGITUDE (D-M-S) (NAD83)	77 1 59.4 77 2 28.4
GROUND ELEV (Ft/m-AMSL)	77.0/23.47 62.3/18.99
PATH AZIMUTH (Deg)	258.528 78.523
PATH DISTANCE (Miles)	0.443
(Km)	0.713

ANTENNA	
PRIMARY TX	RADIO WAVES INC RADIO WAVES INC
	HP2-23 HP2-23
ANT CODE	RD1150 RD1150
GAIN (dBi) / BEAMWIDTH (Deg)	40.4/1.70 40.4/1.70
C/L (Ft/m-AGL)	156.0/47.55 152.0/46.33
PRIMARY RX	

SAME AS TRANSMITTER

ANT CODE
GAIN (dBi) / BEAMWIDTH (Deg)
C/L (Ft/m-AGL)
DIVERSITY RX

ANT CODE
GAIN (dBi) / BEAMWIDTH (Deg)
C/L (Ft/m-AGL)

EQUIPMENT	
TRANSMITTER MANUFACTURER	DIGITAL MICROWAVE CO DIGITAL MICROWAVE CO
TRANSMITTER MODEL	ALTUM SDH/SONET 0C3 ALTUM SDH/SONET 0C3
COMSEARCH INTERNAL ID	TEM842 TEM842
EMISSION	28M0D7W 28M0D7W
LOADING	2016CH DIG 2016CH DIG
STABILITY (%)	0.000300 0.000300
POWER (dBm/Watts)	9.0/0.008 9.0/0.008
FIXED LOSS: TX/COM (dB)	0.00/2.0 0.0/2.0
EIRP (dBm/Watts)	47.4/55.0 47.4/55.0
FREE SPACE LOSS (dB)	116.4
RECEIVED LEVEL (dBm)	-30.6 -30.6

TRANSMIT 21575.00000V 22775.00000V
FREQUENCIES
(MHZ)

BACLIN = BACKLINK LLC