

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	
<u>STATION NAME</u>	WDCP009A DC	WDCM002	DC
<u>PATH STATUS</u>	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

<u>PRIMARY</u>	<u>TX</u>	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
<u>PRIMARY</u>	<u>RX</u>		

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	ALTIUM SDH/SONET 0C3	ALTIUM 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