

Wireless Applications Corporation
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Bellevue, WA 98004
(425) 643-5000

File: WAC2014-05908

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PCN Date: 2/10/2014

New Path

Company: Morgan Communications LLC

Site Name	Hawthorne 001	Cannery Row 003
Location	Pacific Grove, CA (Monterey)	Pacific Grove, CA (Monterey)
Call Sign	New Path	New Path
ASR Number		
Latitude (NAD83)	36° 36' 52.38" N	36° 37' 3.19" N
Longitude (NAD83)	121° 54' 13.36" W	121° 54' 2.49" W
Ground Elevation (ft/m-AMSL)	68.8/21.0	12.0/3.7
Azimuth	38.89	218.89
Path Length (miles/km)	0.3/0.4	0.3/0.4
TX Antenna Manufacturer	Andrew Corporation	Mars Antennas
Antenna Type	VHLPX3-6W	MA-WA62-DP19
FCC Designation		
Antenna Gain (dBi)/Beamwidth)	33.0/3.3	19.0/16.0
Tilt Angle	-2.149	2.149
C/L (ft/m-AGL)	22.0/6.7	26.0/7.9
RX Antenna Manufacturer	SAME AS TRANSMITTER	
Antenna Type		
FCC Designation		
Antenna Gain (dBi)/(Beamwidth)		
C/L (ft/m-AGL)		
Equipment Manufacturer	InfiNet Wireless Ltd.	InfiNet Wireless Ltd.
FCC Identifier	R5000-Omx	R5000-S-mc
Emissions Designator	10M0W7D	10M0W7D
Modulation Rate	61 Mbps	61 Mbps
Modulation	DIGITAL-64QAM	DIGITAL-64QAM
Stability (%)	0.001	0.001
Transmit Power (dBm/Watts)	0.0/0.00	1.0/0.00
Fixed Losses (Cm/Tx/Rx)(dB)	13/0/0	0/0/0
EIRP (dBm/Watts)	20.0/0.1	20.0/0.1
Free Space Loss (dB)	101.2	100.8
Receive Level (dBm)	-61.8	-63.2
Frequencies Transmitted (MHz)	6,365.2600 V 6,365.2600 H	6,113.2200 V 6,113.2200 H