

PIVOT 5G[®]



Pivot 5G[™] | MODEL 5620

mmWave Network Repeater

Extends and Shapes 5G Coverage on Demand
With Holographic Beam Forming[®] Technology

Ultra Low-Latency



PARAMETER	DONOR UNIT	SERVICE UNIT		
Frequency of Operation	Band-specific	24.25 to 27.5 GHz	26.5 to 29.5 GHz	37 to 40 GHz
Antenna type	HBF	Horn		
Az scan envelope	+/- 45°	N/A		
EI scan envelope	+/- 45°	N/A		
Azimuth HPBW	(Horizontal/Vertical) 8° x 12°	70°	70°	75°
Elevation HPBW	(Horizontal/Vertical) 8° x 12°	32°	32°	45°
MIMO Max EIRP	+43.5 dBm	42.5 dBM		38 dBM
Noise Figure at Max Gain - DL / UL	7 dB	5 dBM		
Dimensions (height x width x depth)	11.5" x 11.5" x 3"			
Weight	< 7 lbs.	< 8 lbs.		
IP Rating	IP66			
SYSTEM				
EVM at Max Gain - DL / UL	< 8%			
Gain tunable range - DL / UL (Oscillation Free)	100 dB			
In-band ripple (per 100 MHz channel)	< 2 dB			
Latency	< 100 ns.			
Operating Temperature	-40 deg C to +46 deg C plus solar loading			
Maximum Donor Range (to gNB)	1500 feet			
Max. Power Consumption (single Donor Unit and Service Unit)	100W			
Power Method	-48 VDC or 120/240 VAC Accessory			
Commissioning	Remote			
Configuration Management Interface	IBMS (Pivotal EMS)			
Mounting Support	Pole, Wall, Rooftop			
Certifications	UL, FCC, GR-3108, GR-1089 MIC (Japan), RCM (Australia)			

Above figures are preliminary

The Pivot 5G® model 5620 outdoor network repeater can extend, redirect, and shape mmWave signals from 5G base stations on demand and with low latency. The Pivot is a professionally-installed on-the-pole / on-the-building repeater that uses Pivotal's patented Holographic Beam Forming® technology to achieve the lowest available cost, size, weight, and power consumption profile.

PIVOT 5G MODEL 5620 UPDATES

- Increased maximum Donor Unit range
- Up to 3 Service Units on single Donor Unit
- Simplified cabling and installation
- Designed for 24, 28 and 39 GHz operating frequencies
- Increased MIMO Max EIRP
- NEBS certification

WARNING: This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.