PIVOT 5G®

mmWaveSolved

Pivot 5G™ | MODEL 5620

mmWave Network Repeater

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

Ultra Low-Latency

PIVOTAL COMMWARE®

PARAMETER	DONOR UNIT	SERVICE UNIT	
5G NR Band		n257 (includes n261)	n260
Frequency of Operation	Band-specific	26.5 to 29.5 GHz	37 to 40 GHz
Antenna type	HBF	Horn	
Az scan envelope	+/- 45°	N/A	
El scan envelope	+/- 45°	N/A	
Azimuth HPBW	≤ 12°	70°	75°
Elevation HPBW	≤ 12°	32°	45°
MIMO Max EIRP	+43.5 dBm (UL)	42.5 dBm	38 dBm
Noise Figure at Max Gain - UL / DL	7 dB	5 dB	
Dimensions (height x width x depth)	11.5" x 11.5" x 3"		
Weight	7.6 lbs.	7.3 lbs.	
IP Rating	IP66		
SYSTEM			
EVM at Max Gain - DL / UL	< 8%		
Gain Tunable Range - DL / UL (Oscillation free)	100 dB		
Latency	< 100 ns.		
Operating Temperature	-40° C to +46° C plus solar loading		
Maximum Donor Range (to gNB)	1,500 feet		
Max. Power Consumption (single Donor Unit and Service Unit)	n257: < 85W n260: < 120W		
Power Method	-48 VDC		
Commissioning	Wireless via OAM interface		
HW Configurations	(1) Donor and up to (3) Service Units		
Operations and Maintenance interface	LTE Modem		
Mounting Support	Pole, Wall, Rooftop		
Certifications	UL, FCC, GR-3108, GR-1089 | MIC* (Japan), RCM* (Australia)		

*Planned

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 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.