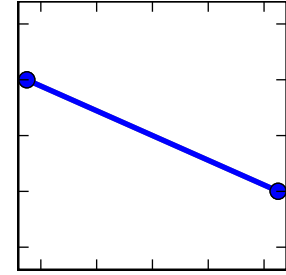




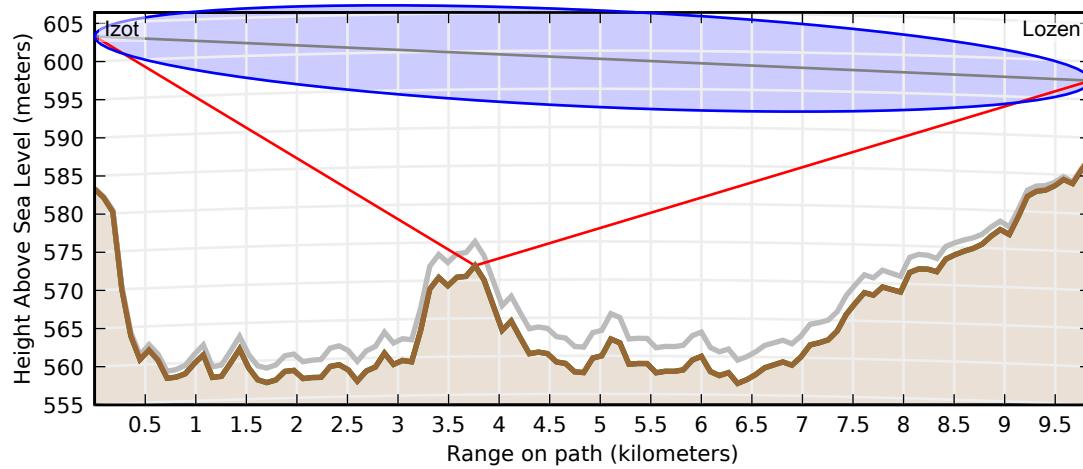
Izot to Lozen



Equipment: Motorola PTP11800 - No Protection

Motorola 2ft HP Antenna 85010089049 - Direct @
20 m

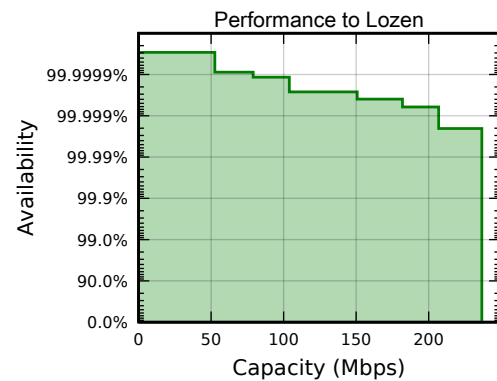
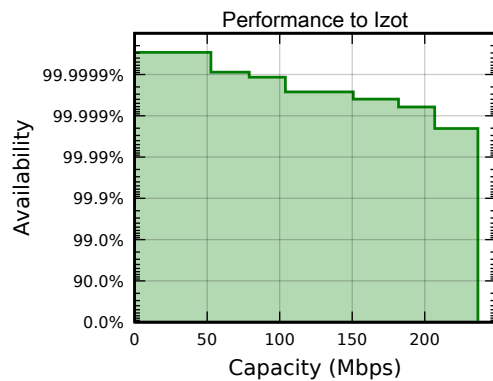
Motorola 2ft HP Antenna 85010089049 - Direct @
10 m



	Performance to Izot	Performance to Lozen
Mean IP	236.6 Mbps	236.6 Mbps
IP Availability	99.99997 % for 1.0 Mbps	99.99997 % for 1.0 Mbps

Link Summary			
Link Length	9.852 km	System Gain	173.71 dB
Band	11 GHz	System Gain Margin	40.25 dB
Regulation	ETSI	Mean Aggregate Data Rate	473.3 Mbps
Modulation	Adaptive	Annual Link Availability	99.99997 %
Bandwidth	40 MHz	Annual Link Unavailability	9 secs/year
Total Path Loss	133.46 dB		

Performance Charts



Climatic Factors, Losses and Standards

dN/dH not exceeded for 1% of time	-322.19 N units/km	Link Type	Line-of-Sight
Area roughness 110x110km	360.22 metre	Excess Path Loss	0.00 dB
Geoclimatic factor	9.84e-005	Atmospheric Gasses	ITU-R P.676-7, ITU-R P.835-4
Fade Occurrence Factor (Po)	6.72e-004	Diffraction Loss	ITU-R P.526-10
Path inclination	0.59 mr	Propagation	ITU-R P.530-12
0.01% Rain rate	40.20 mm/hr	Rain Rate	ITU-R P.837-5
Free Space Path Loss	133.30 dB	Refractivity Index	ITU-R P.453-9
Gaseous Absorption Loss	0.16 dB		

Part Number	Qty	Description
(no part number)	2	Unspecified 11 GHz ODU (invalid TX frequency selection)
30010194001	1	50 Ohm Braided Coaxial Cable - 75 meter
85010089049	2	2' HP Antenna, 10.125 ~ 11.70 GHz, Single Pol, Mot Interface
WB3480	2	PTP800 Modem 1000/100BaseT with Capacity CAP 10 Mbps
WB3546	2	PTP800 Modem Capacity CAP - Full Capacity (per Unit)
WB3616	2	Coaxial Cable Installation Assembly Kit (W/O LPU End Kit)
WB3620	2	Mains Lead- EU with dual earth to C5 (PTP800 AC-DC PSU)
WB3622	2	AC-DC Power Supply Convertor (no lead cable included). Converts 110/230V to 48V.
WB3657	2	LPU END KIT PTP800 (1 kit required per Coaxial cable)

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