

Equipment

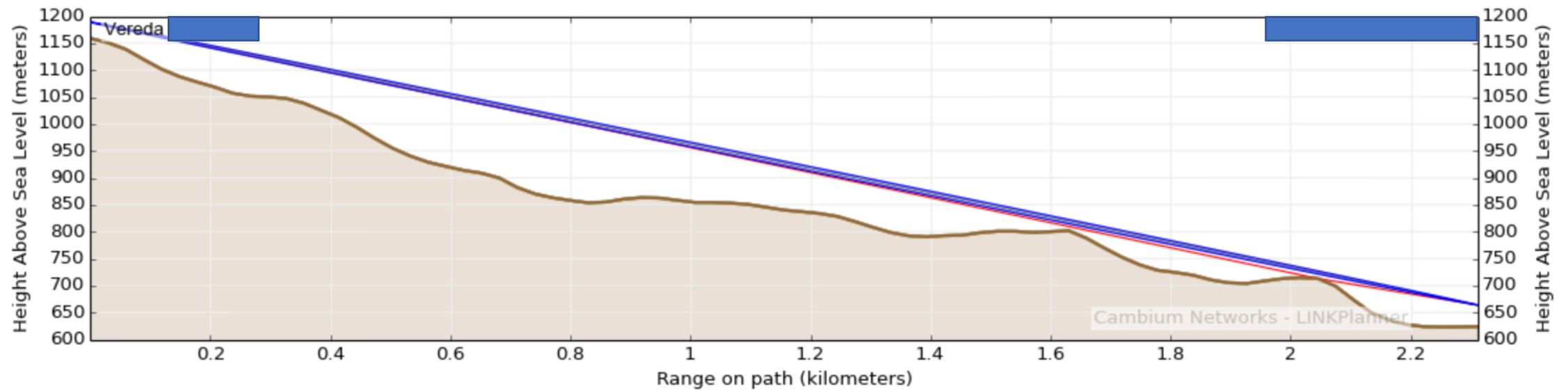
Region and Equipment Selection

Band	Product	Capacity	Regulation	Precise Network Timing
5.8 GHz	PTP650	Lite (Up to 125 Mbps)		Disabled

PTP650 Configuration

Bandwidth	E1/T1	Optimization	Sync	Symmetry	Dual Payload	Highest Mod Mode	Lowest Ethernet Mode	Master
45 MHz	None	IP	Disabled	5:1	Enabled	256QAM 0.81	BPSK 0.63 Sngl	

Profile: 2.3 kilometers, Line-of-Sight



Configuration at Each End ⤴

Radio Waves 6ft Dual-Polar Parabolic SPD6-5.2NS (37.9dBi) v

Antenna Height : meters (Max height at site is 30.0 m)

Diversity Spacing : meters

Cable Loss : dB Calculate

Maximum EIRP : 42.3 dBm User limit dBm

Maximum Power : 5.0 dBm User limit dBm

Interference :

MAC Address :

Radio Waves 6ft Dual-Polar Parabolic SPD6-5.2NS (37.9dBi) v

Antenna Height : meters (Max height at site is 40.0 m)

Cable Loss : dB Calculate

Maximum EIRP : 41.9 dBm User limit dBm

Maximum Power : 5.0 dBm User limit dBm

Interference :

MAC Address :

Performance Summary (ITU-R) ⤴

Performance v

Predicted Receive Power : -36 dBm ± 5 dB

Mean IP Predicted : 105.00 Mbps

Mean IP Required : Mbps

% of Required IP : 111 %

Min IP Required : Mbps

Min IP Availability Required : %

Min IP Availability Predicted : 100.0000 %

Link Summary

Aggregate IP Throughput : 126.00 Mbps

Lowest Mode Availability : 100.0000 %

System Gain Margin : 52.48 dB

Free Space Path Loss : 114.96 dB

Gaseous Absorption Loss : 0.02 dB

Excess Path Loss : 0.00 dB

Total Path Loss : 114.98 dB

v

Predicted Receive Power : -36 dBm ± 5 dB

Mean IP Predicted : 21.00 Mbps

Mean IP Required : Mbps

% of Required IP : 22 %

Min IP Required : Mbps

Min IP Availability Required : %

Min IP Availability Predicted : 100.0000 %