



LigoWave Link Analysis Report

Date Generated: 2/21/2012 3:33 PM EST

SITE INFORMATION

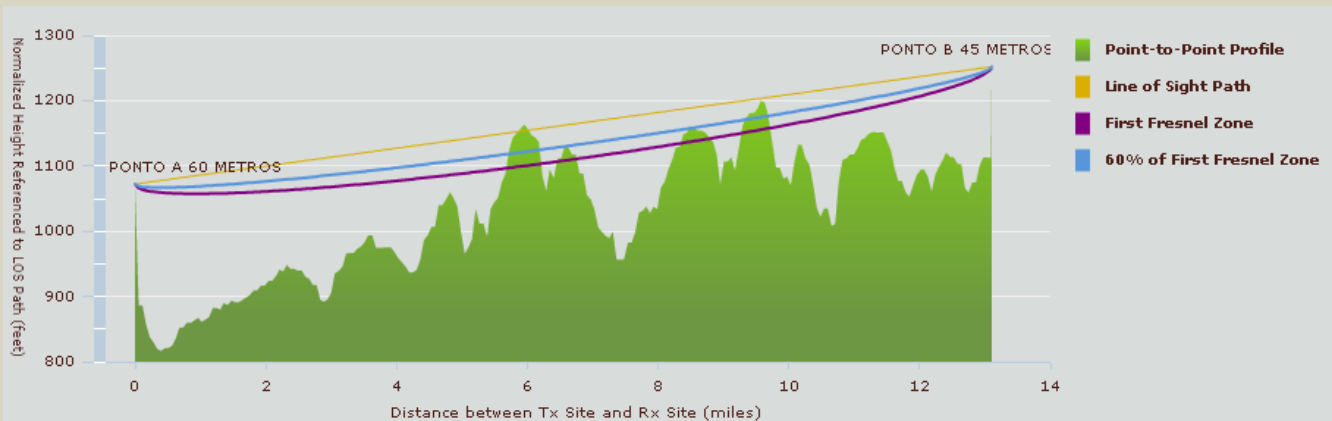
Tx Site Name	: PONTO A 60 METROS	Rx Site Name	: PONTO B 45 METROS
Radio Type	: Custom	Radio Type	: Custom
Latitude	: 12° 3' 46.286" S (12.062857)	Latitude	: 12° 9' 53.1307" S (12.164759)
Longitude	: 51° 32' 2.1566" W (51.533932)	Longitude	: 51° 41' 50.8453" W (51.697457)
Tx Power	: 30 dBm	Rx Threshold	: -94 dBm
Ant. Gain	: 30 dBi	Ant. Gain	: 30 dBi
Ant. Height	: 190 feet	Ant. Height	: 140 feet

PARAMETERS

Frequency	: 5800 MHz	Climate	: Continental Temperate
Ant. Polarization	: Vertical	Measurement System	: English System
Misc. Loss	: 0 dBm	Rain Rate	: 0 mm/hr

RESULTS

Total Path Loss	: 164.93 dBm	Thermal Fade Margin	: 19.07 dBm
Rx Signal Level	: -74.93 dBm	Distance between sites	: 13.1 miles
EIRP	: 60 dBm	Link availability due to rain	: N/A%



MAP

