



LigoWave Link Analysis Report

Date Generated: 3/23/2011 11:24 PM EST

SITE INFORMATION

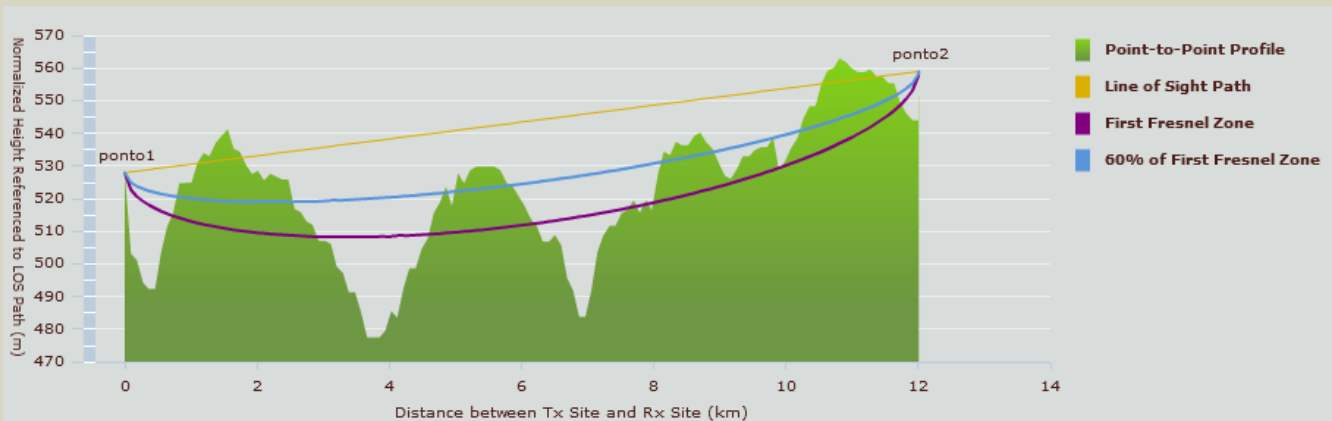
Tx Site Name	: ponto1	Rx Site Name	: ponto2
Radio Type	: Custom	Radio Type	: Custom
Latitude	: 20° 50' 42.288" S (20.84508)	Latitude	: 20° 44' 45.24" S (20.7459)
Longitude	: 49° 21' 50.616" W (49.36406)	Longitude	: 49° 19' 5.952" W (49.31832)
Tx Power	: 20 dBm	Rx Threshold	: -60 dBm
Ant. Gain	: 12 dBi	Ant. Gain	: 12 dBi
Ant. Height	: 15 meters	Ant. Height	: 15 meters

PARAMETERS

Frequency	: 900 MHz	Climate	: Continental Temperate
Ant. Polarization	: Vertical	Measurement System	: Metric System
Misc. Loss	: 0 dBm	Rain Rate	: 0 mm/hr

RESULTS

Total Path Loss	: 143.49 dBm	Thermal Fade Margin	: -39.49 dBm
Rx Signal Level	: -99.49 dBm	Distance between sites	: 12.01 km
EIRP	: 32 dBm	Link availability due to rain	: 0%



MAP

