

3/26/14

LTC at Key Largo

Transmission system info

Per Drew, T-Line length is composed of 2 sections of 7/8" line

241'	COR
-8'	Length of power divider
-20'	Vertical to horizontal T-Line height above ground
<u>+42'</u>	Horizontal Line
255'	Total Line Length

Per EBSF

3 kW	4.77 dBk	ERP
	-4.31 dB	Antenna Gain
	<u>+0.71 dB</u>	Line Loss of 255' of 7/8" Line
1.31 kW	1.17 dBk	Transmitter TPO