

TPO Calculation	<b>WJEH-FM</b>
<b>ERP(kW):</b>	<b>4.500</b>
ERP(dBk):	6.53
Antenna:	BEXT TFC2K-4
Ant. gain (pwr):	2.09
<b>Ant. gain (dB):</b>	<b>3.20</b>
<b>Transmission line length (ft)</b>	<b>220</b>
Transmission line:	RFS LCF78-50JA
Transmission line type:	7/8"
<b>Trans. line loss (dB/100'):</b>	0.334
TOTAL Trans. line loss (dB):	0.734
<b>Additional loss dB</b>	0
Required TPO (dBk):	4.07
<b>Required TPO (kW):</b>	<b>2.550</b>