

ERP / TPO calculations for:

KEFS-FM North Powder OR

Entered by: Kelly Carlson		Date: 9/27/2006	Calculations:	Watts
MHz: 89.5		Ant. Spacing:	N/A	120
				ERP
	Qty/Lgth (or disc)	Loss @foot or item	total loss or gain	
Ant. / Gain	FMEC (SWR)		-3.3700	
FSJ type Ant jumper	0	0.0097	0.0000	
LDF type Ant. Jumper	0	0.0062	0.0000	
LDF4	200	0.0062	-1.2400	
Connectors	6	0.0150	-0.0900	
Polyphaser Loss	1	0.1000	-0.1000	
FSJ Tx jumper	10	0.0097	-0.0970	
other FSJ jumper(s)	0	0.0097	0.0000	
Other	0	0	0.0000	
Filter(s)	Shively 2912-2	-0.12	0.1200	
Combiner	SP15499	0	0.0000	
Isolator	T-1030	0	0.0000	

**TPO determined via the direct method
using the Translator Power Meter**

**TPO
360**