

ERP / TPO calculations for:

Box Elder, SD K218DX

Entered by: jj	Date: 1/3/2008	Calculations: final	Watts
MHz: 91.5	Mounting Offset:	5/16 wave	34
	Qty/Lgth (or disc)	Loss @foot or item	total loss or gain
Ant. / Gain	ANT90D (Telewave)		0.0000
FSJ type Ant jumper	0	0.0097	0.0000
LDF type Ant. Jumper	0	0.0062	0.0000
LDF4-50 (1/2")	125	0.0062	-0.7750
Connectors	4	0.0150	-0.0600
Polyphaser Loss	1	0.1000	-0.1000
FSJ Tx jumper	5	0.0097	-0.0485
other FSJ jumper(s)	0	0.0097	0.0000
Other	0	0	0.0000
Filter(s)	TWPC-1005-2	0	0.0000
Combiner	SP15499	0	0.0000
Isolator	T-1030	0	0.0000

ERP

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

**TPO
43**