

ERP / TPO calculations for:

St. Joseph, MO K222BH

Entered by: JerryJ Date: 3/15/2006 Calculations: Final**MHz:** 92.3**ERP:**

Ant. / Gain

FSJ type Ant jumper

LDF type Ant. Jumper

LDF4

Connectors

Polyphaser Loss

FSJ Tx jumper

other FSJ jumper(s)³

Other

Filter(s)⁴Combiner⁴

Isolator

TPO:

Qty/Lgth (or disc)	Ant. Spacing ²	dBd	Watts
11.7609			
ANT90D [dir] (Telewave)	1/4 Wave	1	15 ERP
0	0.0097	0.0000	
0	0.0062	0.0000	
135	0.0062	0.8370	
4	0.0150	0.0600	
1	0.1000	0.1000	
5	0.0097	0.0485	
0	0.0097	0.0000	
0	0	0.0000	
(Model #)	0	0.0000	
SP15499	0	0.0000	
T-1030	0	0.0000	TPO 15
11.8064			

¹Enter desired ERP in Blue Box and other variables in the Gray boxes;² Enter either distance between bays or spacing from tower in box below ³ Enter Total lengths ⁴ Enter Total loss**TPO determined via the direct method using the Translator Power Meter**