

## ERP / TPO calculations for:

K215EG - Gallup, NM

Entered by:	R. Gorney	Date:	11/1/2013	Calculations:	Final	Watts
MHz:	90.9	Mounting Offset:	N/A			99
						ERP
Ant. / Gain	FMEC (SWR)	Qty/Lgth (or disc)	Loss @foot or item	total loss or gain		
FSJ type Ant jumper	0	0.0097	0.0000			
LDF type Ant. Jumper	0	0.0062	0.0000			
LDF4-50 (1/2")	120	0.0062	-0.7440			
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			

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

**TPO  
268**