

## ERP / TPO calculations for:

K214CM - Roseburg, OR

Entered by:	R. Gorney	Date:	7/9/2013	Calculations:	Final	Watts
<b>MHz:</b>	<b>90.7</b>	Mounting Offset:	N/A			<b>23</b>
						<b>ERP</b>
	Qty/Lgth (or disc)	Loss @foot or item	total loss or gain			
Ant. / Gain	FMEC (SWR)		-3.3700			
	<i>Enter Special Antenna</i>	<i>0.0000</i>	0.0000			
FSJ type Ant jumper	0	0.0097	0.0000			
LDF type Ant. Jumper	0	0.0062	0.0000			
LDF4-50A (1/2" foam)	55	0.00629	-0.3460			
<i>Enter a Non Listed Coax</i>	<i>0</i>	<i>0.0000</i>	0.0000			
Connectors	9	0.0150	-0.1350			
Polyphaser Loss	1	0.1000	-0.1000			
FSJ Tx jumper	6	0.0097	-0.0582			
other FSJ jumper(s)	0	0.0097	0.0000			
RG-214	8	0.02	-0.1600			
Filter(s)	TWPC-1005-2	1	-1.0000			
Combiner	SP15499	0	0.0000			
Isolator	T-1060	0.8	-0.8000			

**TPO**  
**91**