

## ERP / TPO calculations for:

Quartz Hill CA K216FA

Entered by:	Date:	6/9/2015	Calculations:	Watts
<b>MHz:</b> 91.1	<b>Mounting Offset:</b>	N/A		<b>10</b>
				<b>ERP</b>
	Qty/Lgth (or disc)	Loss @foot or item	total loss or gain	
Ant. / Gain	CLFM (Scala)		7.0000	
FSJ type Ant jumper	6	0.0097	-0.0582	
LDF type Ant. Jumper	0	0.0062	0.0000	
LDF4-50 (1/2")	34	0.0062	-0.2108	
Connectors	9	0.0150	-0.1350	
Polyphaser Loss	1	0.1000	-0.1000	
FSJ Tx jumper	26	0.0097	-0.2522	
other FSJ jumper(s)	0	0.0097	0.0000	
Other	0	0	0.0000	
Filter(s)	TWPC-1005-2	1	-1.0000	
Attenuator		6	-6.0000	
Isolator	T-1030	0	0.0000	

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

**TPO  
12**