

ERP / TPO Calculation Sheet

W214BQ - Brentwood, TN

Entered by:	R. Gorney	Date:	9/28/2018	Calculations:	Final	Watts
MHz:	90.7	Mounting Offset:				10
		Qty/Lgth (or disc)	Loss @foot or item	total loss or gain		ERP
Select Antenna from list --->	TFC2K (Bext)	-3.4000	-3.4000			
(Enter Non Listed Antenna)--->	(Enter Special Antenna)	(Enter Gain/Loss)	0.0000			
FSJ-50B Ant jumper	0	0.009878	0.0000			
LDF4-50A Ant. Jumper	0	0.0063	0.0000			
LDF4-50A Main Line	225	0.0063	1.4175			
Select Type of Coax	0	0	0.0000			
(Model/Desc of Non Listed Coax)	(Number of Feet)	(Loss per Foot)	0.0000			
Connectors	6	0.0160	0.0960			
Polyphaser Loss	1	0.1000	0.1000			
FSJ-50B Tx jumper	10	0.009878	0.0988			
other FSJ-50B jumper(s)	0	0.009878	0.0000			
Other	0	0	0.0000			
Band Pass Filter TWPC1005-1	1	0.5	0.5000			
Combiner		0	0.0000			
Isolator	T-1030	0	0.0000			
Special Notes:						TPO
						36
						Watts