

ERP / TPO calculations for:

Geneva, NY W214BR

Entered by: jerryjDate: 7/7/2005

Calculations:

Final

Qty/Lgth (or disc)

db@ (or spacing)

dBd

Watts

ERP:Ant. Gain¹

FSJ type Ant jumper

LDF type Ant. Jumper

LDF4

Connectors

Polyphaser Loss

FSJ Tx jumper

other FSJ jumper(s)³

Isocoupler

Filter(s)⁴Combiner⁴

Isolator

TPO:

		10.0000	10 ERP
ANT90D		0	
0	0.0098	0.0000	
230	0.0064	1.4720	
350	0.0064	2.2400	
4	0.0150	0.0600	
0	0.1500	0.0000	
0	0.0098	0.0000	
0	0.0098	0.0000	
1	0.2	0.2000	
(Model #)	0	0.0000	
SP15499	0	0.0000	
T-1030	0	0.0000	
		13.9720	TPO 25

Enter desired ERP in Blue Box and other variables in the Gray boxes; ¹ Enter antenna gain as a negative number² Enter either distance between bays or from tower; ³ Enter Total lengths; ⁴ Enter Total loss**TPO determined via the direct method using the Translator Power Meter**