

ERP / TPO calculations for:

K215CX - Lovelock ,NV

Entered by: Ray Gorney Jr.Date: 9/29/2005
Qty/Lgth (or disc)Calculations:
db@ (or spacing)Final
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
 Other
 Filter(s)⁴
 Combiner⁴
 Isolator
TPO:

		10.0000
SWR FMEC-1		3.37
4	0.0098	0.0392
0	0.0064	0.0000
80	0.0064	0.5120
11	0.0150	0.1650
1	0.1500	0.1500
12	0.0098	0.1176
0	0.0098	0.0000
0	0	0.0000
(Model #)	0	0.0000
TW-1005	1	1.0000
T-1030 & TLF 90	1.4	1.4000
		16.7538

10
ERP

TPO
47

Enter desired ERP in Blue Box and other variables in the Gray boxes; ¹ Enter antenna gain as a negative number

² 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

328.084 ft / 100 meters