

Exhibit 12  
Form 350

Ted A McCall  
F ID 156099  
BNPFT-20030825AGZ

W239AT  
Greer SC

Calculation Of Transmitter Output Power

System ERP 0.027 Kwatts

Antenna Make	Dielectric
Antenna Model	DCR-L1
No of Bays	1
Antenna Gain	0.46
Antenna Input Power	0.059 Kwatts

Main Feed Line Type	Andrew LDF5-50A
Line Length (Ft)	105
Line loss per 100 ft (DB)	0.355
Line loss (DB)	0.373

Inside Jumper	
Line Type	RG-213
Line Length (Ft)	5
Line loss per 100 ft (DB)	1.900
Line loss (DB)	0.095

Other System Losses	0
(db)	0

Total System Losses (db)	0.468
Feed System Effy	0.898

Transmitter Power Output 0.065 Kwatts