TPO Calculation
Form 350

Radio Training Network Inc

BPFT-20170718ADR	**W231AR**
Fac ID 147523	**Black Moutain, NC**

Calculation Of Transmitter Output Power

System ERP	**0.01**	**Kwatts**
Antenna Make	**Nicom**	
Antenna Model	**BKG77-2-HW**	
No of Bays	**2**	
Antenna Gain	**0.7**	
Antenna Input Power	**0.014**	**Kwatts**

Main Feed Line Type	**1/2" CableWave**	
Line Length (Ft)	**150**	
Line loss per 100 ft (DB)	**0.637**	
Line loss (DB)	**0.956**	
Inside Jumper		
Line Type	**LMR-400**	
Line Length (Ft)	**15**	
Line loss per 100 ft (DB)	**1.210**	
Line loss (DB)	**0.182**	
Other System Losses		
Surge Protector (db)	**0.1**	
Band Pass Filter	**0.5**	
Total System Losses (db)	**1.737**	
Feed System Effy	**0.670**	
Transmiter Power Output	**0.021**	**Kwatts**