

**Exhibit TPO
W221ET Asheville NC**

**Radio Training Network, Inc
CP File # 0000206045
F ID 137976
W221ET**

Calculation Of Transmitter Output Power

System ERP 0.053 Kwatts

Antenna Make	PSI
Antenna Model	FMT-HW-6DB
No of Bays	2
Antenna Gain	1.25
Antenna Input Power	0.042 Kwatts

Main Feed Line Type	EUPEN EC4-50A
Line Length (Ft)	40
Line loss per 100 ft (DB)	0.627
Line loss (DB)	0.251

Other Jumper	
Line Type	RG-214
Line Length (Ft)	14
Line loss per 100 ft (DB)	2.100
Line loss (DB)	0.294

Other System Losses

Band Pass Filter	(db)	1.05
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Total System Losses (db)	1.595
Feed System Effy	0.693

Transmitter Power Output	0.061 Kwatts
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Sep-23