



## Minimum Safe Distance From Antennas Based upon FCC OET Bulletin 65 and other FCC Sources

### INPUT DATA

Frequency MHz	776
Pout Watts	0.73600
Duty Cycle Percent	100.0%
Ant. Gain dBi	10.00
Coax Loss dB	0.00
Evaluation Distance From Antenna In cm	34.0


### RESULTS OF CALCULATIONS

Ant. Gain less Coax Loss dBi	10.00
Evaluation Distance From Antenna In Inches	13.39
ERP (Watts)	4.4878
EIRP (Watts)	7.3600
FCC Limit at Above Frequency (mw/cm <sup>2</sup> )	0.52
Calculated Power Density With Above Input Data (mw/cm <sup>2</sup> )	0.51

### REFERENCE DATA

Pout dBm	28.67
Antenna Gain (non-log)	10.00
Coax loss (non-log)	1.00
General FCC Limit (mw/cm <sup>2</sup> )	f/1500

### SUMMARY FOR PUBLICATION

For Amplifier Model Number:	271865
Frequency Band (MHz)	776 - 787 MHz (Uplink)
Mobile or Fixed?	Fixed
Outside or Inside Antenna?	Outside
Antenna Type:	Any antenna whose gain less cable loss does not exceed 10 dBi
Safe Distance (inches):	14 inches
Signature:	
Date:	April 6, 2012