



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

INPUT DATA

Frequency MHz	746
Pout Watts	0.35560
Duty Cycle Percent	100.0%
Ant. Gain dBi	7.60
Coax Loss dB	0.00
Evaluation Distance From Antenna In cm	20.0


RESULTS OF CALCULATIONS

Ant. Gain less Coax Loss dBi	7.60
Evaluation Distance From Antenna In Inches	7.87
ERP (Watts)	1.2477
EIRP (Watts)	2.0463
FCC Limit at Above Frequency (mw/cm ²)	0.50
Calculated Power Density With Above Input Data (mw/cm ²)	0.41

REFERENCE DATA

Pout dBm	25.51
Antenna Gain (non-log)	5.75
Coax loss (non-log)	1.00
General FCC Limit (mw/cm ²)	f/1500

SUMMARY FOR PUBLICATION

For Amplifier Model Number:	271865
Frequency Band (MHz)	746 - 757 MHz (Downlink)
Mobile or Fixed?	Fixed
Outside or Inside Antenna?	Inside
Antenna Type:	Any antenna whose gain less cable loss does not exceed 7.6 dBi
Safe Distance (inches):	8 inches
Signature:	
Date:	April 6, 2012