rom nage 18 of OFT Bulletin	65 Edition 97-	01				
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$\dashv$ $PG$ $-$						
$S = \frac{1}{4\pi R^2}$						
S = pow er density						
P = pow er input to the an	tenna					
G = pow er gain of the an	tenna in the di	rection of inte	rest relative t	o an isotropic	radiator	
R = distance to the cente	r of radiation o	of the antenna				
Maximum peak output pow er at antenna input terminal:				33.00	(dBm)	
Maximum peak output pow er at antenna input terminal			nput terminal:	1995.2623	(mW)	
	Antenna gain(typical):			5	(dBi)	
Maximum antenna ga		intenna gain:	3.1622777	(numeric)		
	Prediction distanc		ion distance:	23	(cm)	
Prediction frequency			n frequency:	2700	(MHz)	
MPE limit for uncon	rolled exposu	re at predictio	n frequency:	1	(mW/cm^2)	
	Pow er densi	ty at predictio	n frequency:	0.949149	(mW/cm <sup>2</sup> )	
	Maximum allow able antenna gain:			5.2266554	(dBi)	
				3.2233301	()	
	$S = \frac{PG}{4\pi R^2}$ $S = \text{pow er density}$ $P = \text{pow er input to the an}$ $G = \text{pow er gain of the an}$ $R = \text{distance to the cente}$ $\text{Maximum peal}$ $\text{Maximum peal}$	$S = \frac{PG}{4\pi R^2}$ $S = \text{pow er density}$ $P = \text{pow er input to the antenna}$ $G = pow er gain of the antenna in the didentification of the center of radiation of the antenna in the distance to the center of radiation of the antenna in the didentification of the antenna in the didentificatio$	S = pow er density P = pow er input to the antenna G = pow er gain of the antenna in the direction of inte R = distance to the center of radiation of the antenna  Maximum peak output pow er at antenna ir  Maximum peak output pow er at antenna ir  Antenna  Maximum a  Predicti  MPE limit for uncontrolled exposure at predictio  Pow er density at predictio	$S = \frac{PG}{4\pi R^2}$ S = pow er density P = pow er input to the antenna	$S = \frac{PG}{4\pi R^2}$ $S = \text{pow er density}$ $P = \text{pow er input to the antenna}$ $G = \text{pow er gain of the antenna in the direction of interest relative to an isotropic}$ $R = \text{distance to the center of radiation of the antenna}$ $\text{Maximum peak output pow er at antenna input terminal:} \qquad 33.00$ $\text{Maximum peak output pow er at antenna input terminal:} \qquad 1995.2623$ $\text{Antenna gain(typical):} \qquad 5$ $\text{Maximum antenna gain:} \qquad 3.1622777$ $\text{Prediction distance:} \qquad 23$ $\text{Prediction frequency:} \qquad 2700$ $\text{MPE limit for uncontrolled exposure at prediction frequency:} \qquad 1$ $\text{Pow er density at prediction frequency:} \qquad 0.949149$	$S = \frac{PG}{4\pi R^2}$ $S = \text{pow er density}$ $P = \text{pow er input to the antenna}$ $G = \text{pow er gain of the antenna in the direction of interest relative to an isotropic radiator}$ $R = \text{distance to the center of radiation of the antenna}$ $Maximum \text{ peak output pow er at antenna input terminal:}$ $Maximum \text{ peak output pow er at antenna input terminal:}$ $Antenna \text{ gain(typical):}$ $Antenna \text{ gain(typical):}$ $Maximum \text{ antenna gain:}$ $Ma$

This prediction is predicated on the use of a 5dBi omni directional antenna. The antenna typically roof mounted atop an Electronic News Gathering Vehicle or on the bottom of an Airborne platform such as a helicopter, fixed wing of other vehicle. Other antenna selections are covered under the Hazardous radiation warning in the STRATA operators manual.