

Antenna R640A

Spectral power density		Declared by applicant	Measured
Prediction ⁵ :	$S = P G / 4 \pi R^2$		
Where:	<p>S = Power density</p> <p>P = Power input of antenna</p> <p>G = Power gain of the antenna relativ to an isotropic radiator</p> <p>R = Distance to the center of radiation of the antenna</p>		
Maximum output power:	P = 794.3 mW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Antenna gain:	G = 2.137	<input checked="" type="checkbox"/>	
Prediction distance:	R = 20 cm		
Power density at 20 cm:	S = 0.3379 mW/cm ²		
Limit	S _{lim} = 0.6098 mW/cm ²		

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Maximum output power:	P = 794.3 mW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Antenna gain:	G = 3.98	<input checked="" type="checkbox"/>	
Prediction distance:	R = 30 cm		
Power density at 30 cm:	S = 0.2797 mW/cm ²		
Limit	S _{lim} = 0.6098 mW/cm ²		