

Antenna R640A

Spectral power density		Declared by applicant	Measured
Prediction ⁵ : Where:	$S = P G / 4 \pi R^2$ S = Power density P = Power input of antenna G = Power gain of the antenna relativ to an isotropic radiator R = Distance to the center of radiation of the antenna		
Maximum output power: Antenna gain: Prediction distance:	P = 941.9 mW G = 2.138 R = 20 cm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Power density at 20 cm:	S = 0.4010 mW/cm²		
Limit	S_{lim} = 0.60983 mW/cm²		

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Spectral power density		Declared by applicant	Measured
Prediction ⁶ : Where:	$S = P G / 4 \pi R^2$ S = Power density P = Power input of antenna G = Power gain of the antenna relativ to an isotropic radiator R = Distance to the center of radiation of the antenna		
Maximum output power: Antenna gain: Prediction distance:	P = 941.9 mW G = 3.98 R = 30 cm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Power density at 30 cm:	S = 0.3316 mW/cm²		
Limit	S_{lim} = 0.60983 mW/cm²		