

		<p>G.S.D. S.r.l. Certified in accordance with UNI EN ISO 9001:2008 by TÜV Rheinland Italia S.r.l. Certificate N. 39 00 1850509</p>	
<p>G.S.D. S.r.l PISA - Italy</p>		<p>Technical file n. 17366-TCF</p>		<p>Rev. 01</p>	
<p>Manufacturer</p>		<p>IDS GeoRadar</p>			
<p>Address</p>		<p>Via E. Calabresi, 24 56121 Pisa (PI) Italy</p>			
<p>Test Family Name</p>		<p>IBIS Sensor</p>			
<p>FCC ID</p>		<p>UFW-IBIS-KU-ETH</p>			
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		<p>FCC Listed: Registration Number: 424037</p>			
<p>Location and Date of Issue</p>		<p>Pisa, 2017 June 30</p>			
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INDEX	
1. MAXIMUM PERMISSIBLE EXPOSURE.....	3

1. MAXIMUM PERMISSIBLE EXPOSURE

Prediction of Maximum Permissible Exposure (MPE) limit at a given distance has been performed according to Prediction Methods described in Section 2 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

S = power density (in appropriate units, e.g. mW/cm²)
 P = power input to the antenna (in appropriate units, e.g. mW)
 G = power gain of the antenna in the direction of interest relative to an isotropic radiator
 R = distance to the centre of radiation of the antenna (appropriate units, e.g. cm)

MPE limit has been calculated according to General Population/Uncontrolled rules.

1mW/cm² max at 20 cm of distance

Result

Frequency	MPE Limit	Maximum EIRP	Distance	Maximum Power Density at 20 cm
(MHz)	($\frac{mW}{cm^2}$)	(dBm)	(cm)	($\frac{mW}{cm^2}$)
17.3	1	37	20	0.9970