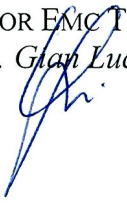


	CE MARKING ELECTROMAGNETIC COMPATIBILITY ELECTRICAL SAFETY LASER SPECTROSCOPY ENVIRONMENTAL PHYSICS	G.S.D. S.r.l. Certified in accordance with UNI EN ISO 9001:2008 by TÜV Rheinland Italia S.r.l. Certificate N. 39 00 1850509
G.S.D. S.r.l PISA - Italy	Technical file n. 17366-TCF	Rev. 01
Manufacturer	IDS GeoRadar	
Address	Via E. Calabresi, 24 56121 Pisa (PI) Italy	
Test Family Name	IBIS Sensor	
FCC ID	UFW-IBIS-KU-ETH	
Testing Laboratory Name	G.S.D. S.r.l.	
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FCC Listed: Registration Number: 424037		
Location and Date of Issue	Pisa, 2017 June 30	
G.S.D. s.r.l. Via Marmiceto, 8 56121 OSPEDALETTO - PISA Tel. 050.984254 - Fax 050.984262 P. IVA 01343950505 SENIOR EMC TEST MANAGER <i>Dr. Gian Luca Genovesi</i>  QUALITY MANAGER <i>Dr. David Pelliccia</i> 		

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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

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