

Manufacturer: IDS GeoRadar Srl

Name: Oscar Frau

Product: ROCKSPOT

Title: Project Handler

FCC ID: UFW-ROCKSPOT

Signature:



IC: 8991A-ROCKSPOT

MPE limits for FCC, 1.1310

Mode	Frequency MHz	Duty Cycle %	Power dBm	Antenna		EIRP ⁷ dBm	EIRP mW	ERP dBm	EIRP ⁴ W	Distance D cm	PD ⁸ mW/cm ²	PD Limit ⁹ mW/cm ²	Margin dB	§90.103 (c)(13) EIRP	
				Gain dBi										Limit W	PD/PD Limit
FMCW ¹	10450	100	30,77	9,00		39,77	9484	37,62	1,19	30	0,8386	1,000	0,76	5	0,83859

¹Test Report n. 395212TRFWL; Power: p. 7; Gain: p. 7

⁴EIRP at antenna port

⁷EIRP = (Power dBm + Antenna Gain dBi) + 10 x Log (Duty Cycle % / 100)

⁸PD = EIRP / (4xπxD²)

⁹CFR 47 Part 1, §1.1310(e), table 1