

Manufacturer: Octo Telematics S.p.A.

Name: Oscar Frau

Product: OCTO SharePro 4

Title: Project Handler

FCC ID: 2AHR8-GPS4X0

Signature:



MPE limits (§1.1310)

Mode	Frequency MHz	Duty Cycle %	Power dBm	Antenna		EIRP ¹ dBm	EIRP mW	Distance cm	PD ² mW/cm ²	PD Limit ³ mW/cm ²	Margin dB	2.1091 EIRP	2.1091 EIRP	PD/PD Limit	Worst PD/PD values to be considered
				Gain dBi								Limit mW	Margin dB		
BLE ⁴	2402,0	100	3,05	1,1		4,15	2,60	20	0,00052	1,000	32,86	1260	26,85	0,00052	0,00052

¹EIRP = (Power dBm + Antenna Gain dBi) + 10 x Log (Duty Cycle % / 100)

²PD = EIRP / (4xπxD²)

³CFR 47 Part 1, §1.1310(e), table 1

⁴See Report No: 448556-3TRFWL, p.28

2.1091 EIRP Limit

1.1307 (b)(3)(i)(C) exemption limit

RF Source Frequency MHz	F MHz	R m	λ m	λ/2π m	R/(λ/2π)	Threshold ERP W	Threshold EIRP W	Threshold EIRP mW	EIRP mW	Margin dB
300-1500										
1500-100000	2402,0	0,20	0,125	0,0199	10,1	0,76800	1,260	1260	2,6	26,85