

Manufacturer: VEGA Srl

Name: Oscar Frau

Product: Lift door control system

Title: Project Handler

FCC ID: 2BC5H-3DSENS

Signature: 

MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Power	Antenna	EIRP ¹	EIRP	Distance	PD ²	PD Limit ³	Margin	PD/PD Limit	2.1091	2.1091
				Peak Gain								EIRP Limit	EIRP Margin
	MHz	%	dBm	dBi	dBm	mW	cm	mW/cm ²	mW/cm ²	dB		mW	dB
Radar	62000	100	-11,7	5	-6,7	0,21380	20	0,00004	1,000	43,7	0,00004	1259,5	37,7

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

²PD = EIRP / (4πD²)

³CFR 47 Part 1, §1.1310(e), table 1

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

RF Source Frequency	F	R	λ	λ/2π	R/(λ/2π)	Threshold ERP	Threshold EIRP	Threshold	EIRP	EIRP	Margin
								EIRP			
MHz	MHz	m	m	m		W	W	mW	mW	mW	dB
1500-100000	62000	0,2	0,004839	0,001540	129,85	0,768	1,260	1259,5	0,21380		37,7