

Manufacturer: Leonardo S.p.a.

Product: Radio Base Station, for fixed installation

FCC ID: 2ATWB-F567H-HP20

Name: Oscar Frau

Title: Project Handler

Signature: 

MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Power ⁴	Antenna		EIRP ¹	EIRP ^{6,7}	Distance	PD ²	PD Limit ³	Margin	PD/PD Limit
				Gain ⁵								
	MHz	%	dBm	dBi		dBm	mW	cm	mW/cm^2	mW/cm^2	dB	
150-174 MHz (VHF) - Part 90	150,9	100	50,6	8		58,60	724436	540	0,198	0,200	0,05	0,98849
150-174 MHz (VHF) - Part 22	150,9	100	50,6	3,3		53,90	245471	315	0,197	0,200	0,07	0,98433

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

²PD = EIRP / (4xπxD²)

³CFR 47 Part 1, §1.1310(e), table 1

⁴According to test report n. REP011635, p. 14

⁵See § 2.2.1 "RF Exposure Compliance" in the User Manual

⁶Limit for Part 90 is 500 W ERP = 820 W EIRP

⁷Limit for Part 90 is 150 W ERP = 248 W EIRP