

Manufacturer: Leonardo S.p.a.

Name: Oscar Frau

Product: Radio Base Station, for fixed installation

Title: Project Handler

FCC ID: 2ATWB-F967K-HP20

Signature:



MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Output Power ⁴	Antenna Peak Gain ⁵	EIRP ¹	EIRP	Distance	PD ²	PD Limit ³	Margin	PD/PD Limit
	MHz	%	dBm	dBi	dBm	mW	cm	mW/cm ²	mW/cm ²	dB	
450÷512 MHz (UHF)	450,1	100	50,9	8	58,9	776247	460	0,29193	0,30	0,12	0,97287
450÷512 MHz (UHF)	450,1	100	50,9	15	65,9	3890451	1020	0,29757	0,30	0,04	0,99168

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

²PD = EIRP / (4πD²)

³CFR 47 Part 1, §1.1310(e), table 1

⁴According to test report n. REP025296 (see p.15)

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