

Manufacturer: Leonardo S.p.a.

Name: Oscar Frau

Product: Radio Base Station, for fixed installa

Title: Project Handler

FCC ID: 2ATWB-F467K-HP

Signature: 

MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Output Power ⁴	Antenna Peak Gain ⁵	EIRP ^{1,6}	EIRP	Distance	PD ²	PD Limit ³	Margin	PD/PD Limit
	MHz	%	dBm	dBi	dBm	mW	cm	mW/cm ²	mW/cm ²	dB	
851-869 MHz (UHF)	851	100	53,2	8	61,2	1312200	460	0,49349	0,57	0,61	0,86983
851-869 MHz (UHF)	851	100	53,2	15	68,2	6576578	1020	0,50303	0,57	0,52	0,88665

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

²PD = EIRP / (4πD²)

³CFR 47 Part 1, §1.1310(e), Table 1 "Limits for General Population/Uncontrolled Exposure"

⁴According to test report n. 477931TRFWL (see p.25) + 3dB (MIMO)

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

⁶According to CFR 47, Part 90, § 90.635, the 60 dBm limit corresponds to 62.15 dBm_{EIRP}