

Manufacturer: JMA Innovazione S.r.l.

Product: Very Very High Power Module Amplifier (model MWHPA20018AE-D3)

FCC ID: XM2-WHPA8AEN

MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Output Power ⁴	Antenna Gain ⁵	EIRP ¹	EIRP	Distance	PD ²	PD Limit ³	Margin
	MHz	%	dBm	dBi	dBm	mW	cm	mW/cm ²	mW/cm ²	dB
5G NR	858.5	100	46	6.1	52.1	162181	150	0.6	0.6	0.0
5G NR (MIMO)	858.5	100	49	5.6	54.6	288403	200	0.6	0.6	0.0

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

²PD = EIRP / (4xπxD²)

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

⁴Nominal output power (+3dB in MIMO mode)

⁵See User Manual, § 12.2