

Manufacturer: TEKO TELECOM srl

Model: XR19AX35WM2/48Y

FCC ID: XM2-X19AX35M2A

Limits: CFR 47 Part 1, §1.1310

FCC Equipment Class	Frequency MHz	Antenna		EIRP dBm	EIRP mW	Distance D cm	PD mW/cm ²	Limit mW/cm ²	Margin dB
		Power dBm	Gain dBi						
CBD ¹	3350			36,0	3981	50	0,1267	1,00	9,0
PCB ²	1930	30,0	12	42,0	15849	50	0,5045	1,00	3,0

$PD = EIRP / (4 \times \pi \times D^2)$

¹EIRP = EIRP over entire bandwidth per antenna port + 3 dB = 33 + 3 = 36 dBm

²EIRP = output power per antenna port + 3 dB + antenna gain dBi = 27 + 3 + 12 = 42 dBm