

Manufacturer:

Advanced Microwave Engineering s.r.l.

Name:

Oscar Frau

Product:

UWBTRPHA02

Title:

Project Handler

FCC ID:

UKOUWBTRPHA02

Signature:



MPE limits (§1.1310)

Mode	Frequency	Duty Cycle	Power	Antenna		EIRP ¹	EIRP	Distance	PD ²	PD Limit ³	Margin	Exemption	
				Gain ⁶								limit	Margin
	MHz	%	dBm	dBi		dBm	mW	cm	mW/cm ²	mW/cm ²	dB	mW	dB
UWB ⁴	3774.0	100	-0.6	0		-0.60	0.9	0.5	0.2772	1.000	5.57	1	0.60
UWB ⁵	6240.0	100	-1.4	0		-1.40	0.7	0.5	0.2306	1.000	6.37	1	1.40

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

²PD = EIRP / (4xπxD²)

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

⁴See FCC ID: UKOUWBTRPHA02 test report n. REP092259 issued by Nemko SpA

⁵See FCC ID: UKOUWBTRPHA02 test report n. REP092260 issued by Nemko SpA

⁶Integral antenna (not detachable)

1.1307 (b)(3)(i)(A) exemption limit

The available maximum time-averaged power is no more than 1 mW, regardless of separation distar