MPE/RF EXPOSURE REPORT

FCC CFR 47 Part 1.1310

REPORT No: RDWN78-U3 Rev A

Company: Radwin Ltd.

Model: AP0168031

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To: FCC CFR 47 Part 1.1310

Test Report Serial No.: RDWN78-U3 Rev A

This report supersedes: NONE

Applicant: Radwin Ltd.
27 Habarzel Street
Tel Aviv, 6971039
Israel

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This Test Report is Issued Under the Authority of:

MiCOM Labs, Inc.
575 Boulder Court
Pleasanton California 94566
USA
Phone: +1 (925) 462-0304
Fax: +1 (925) 462-0306
www.micomlabs.com

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1. MAXIMUM PERMISSABLE EXPOSURE

Calculations for Maximum Permissible Exposure Levels
Power Density = Pd (mW/cm^2) = EIRP/(4*π*d^2)
EIRP = P * G
P = Peak output power (mW)
G = Antenna numeric gain (numeric)
d = Separation distance (cm)
Numeric Gain = 10 ^ (G (dBi)/10)

The EUT belongs to the General Population/Uncontrolled Exposure.

The calculations in the table below use the highest conducted power values together with the lowest effective antenna gain specified for the EUT. These calculations represent worst case in terms of the exposure levels.

Freq. Band (MHz)	Ant Gain (dBi)	Numeric Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Calculated Power Density (mW/cm^2) @ 20cm	Power Density Limit (mW/cm^2)	Min Calculated safe distance for Limit (cm)
5250.0 - 5350.0	6.5	4.47	23.46	221.82	0.19	1.00	8.88
5250.0 - 5350.0	19.0	79.43	10.86	12.19	0.19	1.00	8.77

Note: for mobile or fixed location transmitters the minimum separation distance is 20cm, even if calculations indicate the MPE distance to be less.

Specification - Maximum Permissible Exposure Limits

The Limit are defined in Table 1 of FCC §1.1310.

MiCOM Labs
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575 Boulder Court
Pleasanton, California 94566, USA
Tel: +1 (925) 462 0304
Fax: +1 (925) 462 0306
www.micomlabs.com