REGULATORY COMPLIANCE TEST REPORT

FCC CFR 47 Part 1.1310

Report No.: TAGG05-U3_MPE Rev A

Company: Taggle Systems Pty Ltd

Model: Parakeet

MPE/RF EXPOSURE EVALUATION REPORT

Company: Taggle Systems Pty Ltd

Model: Parakeet

Standard: RSS-102 Issue 5

Test Report Serial No.: TAGG05-U3_MPE Rev A

This report supersedes: NONE

Applicant: Taggle Systems Pty Ltd
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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 calculations in the table below use the highest conducted power values together with the lowest 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 20 cm distance (@ Limit)
902.0 - 928.0	0.00	1.00	17.23	52.84	0.01	0.61	2.63

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 is defined in Table 1 of FCC §1.1310.

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