Statement of compliance to
Maximum Permissible Exposure (MPE)

Equipment	:	ZcoRE3
Type/Model	:	PT-2418G-S-0
Applicant	:	REnex Technology Limited Room 601, 6/F, 1 Science Park Avenue East, Hong Kong Science Park, N.T., Hong Kong
Manufacturer	:	Same as above

Here assuming a worst-case prediction of power density (100% reflection), then
$S = 4PG / (4\pi R^2) = PG / (\pi R^2)$.
Where S = power density in mW/cm²
      P = transmit power in mW
      G = numeric gain of transmit antenna
      R = distance (cm)

As we can see from the test report JSH007010358-001:
The maximum P = -3.5dBm = 0.45mW
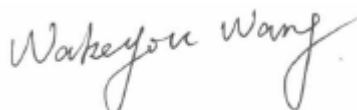G = 2.5dBi = 1.78
R is chosen to be 1cm (worst case)
$S = PG / (\pi R^2) = 0.45 * 1.78 / 3.14 = 0.26$ mW/cm²

This level is below the 1 mW/cm² MPE for General Population / Uncontrolled Exposure as stated in OET BULLETIN 65 Edition 97-01.
Conclusion: this EUT fulfills 47CFR Part 15.247(i) (2006)

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Prepared by: Reviewed by:

Wakeyou Wang (*Project engineer*)   Jonny Jing (*Reviewer*)