

PCTC**Product Compliance Test Center****2476 Swedesford Road, Malvern, PA 19355**

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Maximum Permissible Exposure Evaluation

The RF exposure calculation for the co-locating of following three (3) Two Technologies FCC certified module/devices:

1. FCC ID: RYJJETTXL, Two Technologies model JETT.XL Hand Held Computer
2. FCC ID: RYJJETTXL2A, 2.412 – 2.467 GHZ RF Module, Socket Model: Go WI-FI! P500
3. FCC ID: RYJJETTXL2B, 902 - 928 MHZ RF Module, MaxStream Model: XT09

Based on the FCC OET Bulletin 65, Edition 97-01, the following formula is used to calculate RF exposure at a distance of 20 cm from the transmitting antenna:

$$S = \frac{P \cdot G}{4\pi R^2}$$

Where:

S=Power Density (mW/cm²)

P=Power input to Antenna (mW)

G=Antenna Numeric Gain

R=Distance from the Transmitting Antenna (cm)

Limit for General Population/Uncontrolled Exposure is applied as per FCC Part 15, Section 1.1310.

It may be noted that the RF transmit power and antenna gain used in this evaluation are derived from the test reports originally submitted to the FCC for certification approval. A document containing the photo copy of relevant pages is submitted as an exhibit to the application.

FCC ID of RF Device	Power Input P (mW)	Antenna Gain (dBi)	Numeric Antenna Gain G	Power Density S (mW/cm ²)	Limit (mW/cm ²)	Percentage of Limit
RYJJETTXL	2.317	0	1	0.00046	1	0.046%
RYJJETTXL2A	76.913	-3	0.5011	0.007664	1	0.767 %
RYJJETTXL2B	955	3.15	2.07	0.393	1	39.348%

Total RF Exposure Percentage: 40.161%

(Cont.)

Conclusion: The total RF exposure percentage is 40.161% of the allowable limit, therefore the RF exposure calculation for the co-locating of following three (3) Two Technologies FCC certified module/devices complies with the FCC MPE requirements.

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