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## **Certification Exhibit**

**FCC ID: ONTJETIR900US**

**FCC Rule Part: 15.247**

**TÜV SÜD Project Number: 72128518**

Manufacturer: Esprit Model Inc.  
Model: JETIR900US

**RF Exposure**

**General Information:**

Applicant: Esprit Model Inc.  
 Device Category: Mobile  
 Environment: General Population/Uncontrolled Exposure

**Technical Information:**

Antenna Type: PCB Antenna  
 Antenna Gain: 1.2 dBi  
 Maximum Transmitter Conducted Power: 15.78 dBm, 37.844 mW  
 Maximum System EIRP: 16.98 dBm, 49.888 mW  
 Exposure Conditions: 20 centimeters or greater

**MPE Calculation**

The Power Density (mW/cm<sup>2</sup>) is calculated as follows:

$$S = \frac{PG}{4\pi R^2}$$

Where:

S = power density (in appropriate units, e.g. mW/cm<sup>2</sup>)

P = power input to the antenna (in appropriate units, e.g., mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

**Table 1: MPE Calculation**

| Transmit Frequency (MHz) | Radio Power (dBm) | Power Density Limit (mW/Cm2) | Radio Power (mW) | Antenna Gain (dBi) | Antenna Gain (mW eq.) | Distance (cm) | Power Density (mW/cm^2) |
|--------------------------|-------------------|------------------------------|------------------|--------------------|-----------------------|---------------|-------------------------|
| 900                      | 15.78             | 0.60                         | 37.84            | 1.2                | 1.318                 | 20            | 0.010                   |