



Certification Exhibit

FCC ID: 2ANJI-SR3

FCC Rule Part: 47 CFR Part 2.1093

TÜV SÜD Project Number: 72151666

**Manufacturer: Unikey Technologies, Inc.
Model: SR3-UK**

RF Exposure

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TÜV SÜD

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General Information:

Applicant: Unikey Technologies, Inc.
 Environment: General Population/Uncontrolled Exposure
 Exposure Conditions: Portable

Technical Information:

Antenna Type: Patch
 Antenna Gain: 3.5 dBi
 Maximum Transmitter Conducted Power: -1.05 dBm, 0.785 mW
 Maximum Transmitter EIRP: 2.45 dBm, 1.758 mW

MPE Calculation

The Power Density (mW/cm²) is calculated as follows:

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

Where:

S = power density (in appropriate units, e.g. mW/cm²)

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)
2480	-1.05	1.00	0.79	3.5	2.239	20	0.000

Note: The 125 kHz transmitter is compliant to the field strength limits of FCC Section 15.209 and is exempt from RF exposure test requirements.