

Certification Exhibit

FCC ID: 2ANX6-SG9001-2

FCC Rule Part: 47 CFR Part 2.1091

TUV SUD Project Number: TP72132175

Manufacturer: Occammd, LLC

Model: SG9001 & SG9002

RF Exposure

**Model: SG9001 & SG9002
SG9001-2**

FCC ID:2ANX6-

General Information:

Applicant: Occammd, LLC
Device Category: Mobile
Environment: General Population/Uncontrolled Exposure

Technical Information:

Antenna Type: External omnidirectional
Antenna Gain: 5 dBi
Maximum Transmitter Conducted Power: 25.64 dBi, 366.4 mW
Maximum System EIRP: 30.64 dBi, 1,159 mW
Exposure Conditions: 20 centimeters or greater

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)

Transmit Frequency (MHz)	Radio Power (dBm)	Power Density Limit (mW/cm ²)	Radio Power (mW)	Antenna Gain (dBi)	Antenna Gain (numeric)	Distance (cm)	Power Density (mW/cm ²)
903	25.64	0.6	366.4	5.0	3.16	20	0.23