



Excellence in Compliance Testing

Certification Exhibit

FCC ID: 2AELXM700

FCC Rule Part: 47 CFR Part 2.1093

ACS Project Number: 15-3046

Manufacturer: SmallHD, LLC
Models: M701, M701L, M702, M702L

RF Exposure

General Information:

Applicant: SmallHD, LLC
Environment: General Population/Uncontrolled Exposure
Exposure Conditions: Portable

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 2480 MHz
Antenna Type: Meandering PCB trace
Antenna Gain: -7.8 dBi Peak
Maximum Transmitter Conducted Power: 3.3 dBm, 2.1 mW
Maximum Transmitter EIRP: -4.5 dBm, 0.4 mW

Justification for SAR Test Exclusion:**Standalone SAR Test Exclusion:**

Per KDB 447498 D01 General RF Exposure Guidance v05r02, the standalone 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances \leq 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$

$$= (2.1 / 5) * (\sqrt{2.480}) = 0.7$$

0.7 < 7.5

Standalone SAR test exclusion is applied.