



Certification Exhibit

FCC ID: 2APE7-RPU2

FCC Rule Part: 47 CFR Part 2.1091

TÜV SÜD Project Number: RD702140257.200

Manufacturer: Amesbury Truth
Model: RPU2

RF Exposure

General Information:

Applicant: Amesbury Truth
Device Category: Mobile
Environment: General Population/Uncontrolled Exposure

Technical Information:

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 2480 MHz
Antenna Type: Omni-directional Whip Antenna
Antenna Gain: 2 dBi
Maximum Transmitter Conducted Power: 4.06 dBm, 2.55 mW
Maximum System EIRP: 6.06 dBm, 4.04 mW

Justification for SAR Test Exclusion - FCC:**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 ≤ 50 mm are determined by:

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

$$= (4.04 / 5) \cdot (\sqrt{2.48}) = 1.3$$

$$1.3 < 3$$

Standalone SAR test exclusion is applied.