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## **Certification Exhibit**

**FCC ID: 2ASIX-TXP001**

**FCC Rule Part: 47 CFR Part 2.1093**

**TÜV SÜD Project Number: 72145508**

Manufacturer: ABB Incorporated  
Model: 1000-0003

## **RF Exposure**

**General Information:**

Applicant:

Environment: General Population/Uncontrolled Exposure

Exposure Conditions: Portable

**Technical Information:**

Minimum Test Separation Distance: 5 mm

Highest Operating Frequency: 13.56 MHz

Antenna Type: Loop Antenna

Maximum Transmitter FS Measurement: 55.19 dBuV/m @ 3meters

Conversion from FS to dBm EIRP= FS – 95.2

Maximum Transmitter EIRP: -40.01 dBm, 0.0001 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:

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

$= (0.0001 / 5) \cdot (\sqrt{0.01356}) = 0.000002$

**0.000002 < 7.5**

Standalone SAR test exclusion is applied.