

RF Exposure statement

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To whom it may concern:

TÜV SÜD Japan Ltd. is authorized as an agency from **Applicant: Wacom Co., Ltd. (FCC ID: HV4CS322A, IC: 6888A-CS322A)** to act on their behalf in all matters relating to applications for equipment authorization, including testing the device and the signing of all documents relating to these matters.

General Information

Applicant: Wacom Co., Ltd.
Environment: General Population/Uncontrolled Exposure
Exposure Conditions: Portable

Technical Information

Minimum Test Separation Distance: 5 mm
Highest Operating Frequency: 2480MHz
Antenna Type: Chip Antenna
Antenna Gain: 1.6 dBi
Maximum Transmitter Conducted Power: -2.3 dB, 0.589 mW
Maximum Transmitter EIRP: -0.7 dBi, 0.851 mW

Justification for SAR Test Exclusion

- FCC

Standalone SAR Test Exclusion:

Per KDB 447498 D01 General RF Exposure Guidance v06, the standalone 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6GHz at test separation distances ≤ 50 mm are determined by:

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

$$= (0.589 / 5) * (\sqrt{2.48}) = 0.29$$
$$0.29 < 7.5$$

Standalone SAR test exclusion is applied.

- ISED

The SAR test exclusion thresholds are determined using ISED RSS-102 Issue 5, section 2.5.1 Table 1.

Maximum Conducted or Equivalent Isotropically Radiated Power: 0.851 mW

The linear interpolated threshold of table 1 for 2480 MHz at a separation distance of 5 mm is determined as 9.9 mW.

$$0.851 \text{ mW} < 9.9 \text{ mW}$$

SAR test exclusion is applied.