

RF Exposure Evaluation Exclusion Letter

Equipment : LCD TabletExclusion Letter
Brand Name : Wacom
Model No. : DTH-1620
FCC ID : HV4DTH1620
Standard : IEEE C95.1
Applicant / : Wacom Co., Ltd.
Manufacturer : 2-510-1 Toyonodai, Kazo-shi, Saitama 349-1148 Japan

The product sample received on Oct. 05, 2016 and completely tested on Oct. 18, 2016. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in IEEE C95.1 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by:


Jordan Hsiao / Manager



SAR Exclusion Letter

Date of Issue: Feb. 23, 2017

According to KDB 447498 D01 v06 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

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

The tune-up power is -65.01 dBm +/- 0.5dB, therefore the highest tune-up power is

$$\mathbf{-64.50 \text{ dBm} \quad (0.00000035 \text{ mW}) \quad @ \ 667 \text{ kHz}}$$

When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

So,

$$(0.00000035 \text{ mW} / 5 \text{ mm}) \cdot (0.0667 \text{ GHz}^{0.5}) = 0.000000181$$

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.000000181 \leq 3.0$$

Therefore, SAR are not required