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28 March 2014

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Subject: SAR Evaluation Exemption Compliance information

FCC KDB 447498 D01v05 Clause 4.3.1.1 SAR test exemption criteria

FCC ID: RW6PG1000TRX

Portable Exposure SAR Exemption

Per FCC KDB 447498 D01 RF Exposure v05r01

Maximum e.r.p. power = 3.69 mW eirp = 2.25 mW
f(GHz) = 2.482

A test separation distance of 5 mm has been applied to the SAR test exclusion calculation.

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

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

[Ref: Clause 4.3.1.1]

$$[(2.25\text{mW})/(5, \text{ mm})] [\sqrt{2.482(\text{GHz})}] \leq 3.0$$

$$0.285 \leq 3.0, 0.29 \text{ for } 2.402 \text{ GHz.}$$

Therefore, the device meets the FCC SAR exemption requirements.

Yours sincerely,

Joel T Schneider
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