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Test Report-No.: 1-0175/15-02-10

FCC ID: 2AF4AELECT
IC: 20786-ELECT
PMN: SEATPOST
HVIN: FORK
FVIN: REARSHOCK
FVIN: SEATPOST
FVIN: FORK
FVIN: REARSHOCK
FVIN: ---

SAR test exclusion according to KDB447498 (General RF Exposure Guidance v05)

Equation from Chapter 4.3.1: Standalone SAR test exclusion considerations page 11 and ff.

(1) Standalone SAR test exclusion for 100 MHz to 6 GHz at test separation distances $\leq 50\text{mm}$

$$(\text{Threshold}_{1\text{-g};10\text{-g}}) \times d_{\text{separation}} / f^{0.5}$$

where

Threshold_{1-g;10-g} is 3 for 1-g; 7.5 for 10-gd_{separation} is the min. test separation distance; 5mm is used if the distance is less

f is the RF channel transmit frequency

The table below gives the calculated maximal power that could be used for source based time averaged conducted or radiated power, adjusted for tune up tolerance. If this is below the calculated value the DUT is exempted from SAR evaluation.

f in [MHz]	d _{separation} [mm]	Threshold _{1-g}	Powerlimit [mW]	P _{max-declared} [mW]	Exclusion
2450.00	5	3	9.58	1.78	yes

SAR test exclusion according to RSS-102 Issue 5 Section 2.5.1/Table 1

The table below gives the calculated maximal power that could be used for source based time averaged conducted or radiated power, adjusted for tune up tolerance. If this is below the calculated value the DUT is exempted from SAR evaluation.

f in [MHz]	d _{separation} [mm]	tissue volume	Powerlimit [mW]	P _{max-declared} [mW]	Exclusion
2450.00	5	1 g	4.00	1.78	yes

Note:

The declared Tx output power radiated (EIRP) is 2.5 dB (1.78 mW).