



CE MARKING

ELECTROMAGNETIC COMPATIBILITY
ELECTRICAL SAFETY
LASER SPECTROSCOPY
ENVIRONMENTAL PHYSIC

G.S.D. S.r.l.
Certified in accordance with
UNI EN ISO 9001:2008
by
TÜV Rheinland Italia S.r.l.
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G.S.D. S.r.l PISA - Italy	Test Report n. 15806mpe	Rev. 01
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Test Family Name	Armotion	
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1. MAXIMUM PERMISSIBLE EXPOSURE

Prediction of RF Exposure were calculated accordingly to KDB 447498 D01v06

Result

Per KDB 447498 D01 v06

For 100 MHz to 6 GHz and *test separation distances* \leq 50 mm, the 1-g and 10-g *SAR test exclusion thresholds* are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] [\sqrt{f_{(\text{GHz})}}]$ \leq 3.0 for 1-g SAR, and \leq 7.5 for 10-g extremity SAR,³⁰ where

- $f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

- The values 3.0 and 7.5 are referred to as *numeric thresholds* in step b) below

The test exclusions are applicable only when the minimum *test separation distance* is \leq 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is $<$ 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

d (distance) = 5mm

F = 2.4 GHz

$\sqrt{f_{(\text{GHz})}} = 1.6$

P = 0.4 mW

Conclusion: accordingly to KDB 447498 D01v06 exclusion threshold is $0.1 < 3$, RF exposure evaluation is not required.