

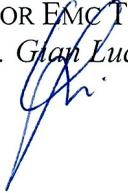



| | | | | | |
|--|--|---|---|---|--|
|  | |  | | G.S.D. S.r.l. Certified in accordance with UNI EN ISO 9001:2008 by TÜV Rheinland Italia S.r.l. Certificate N. 39 00 1850509 | |
| G.S.D. S.r.l PISA - Italy | | Test Report n. 16767mpe | | Rev. 01 | |
| Manufacturer | | MOTION S.P.A. | | | |
| Address | | Via Biondini 27 47121 Forlì (FC) Italy | | | |
| Test Family Name | | PTR6100M -- nRF24L01+ | | | |
| FCC ID | | 2AJ5S0001 | | | |
| IC ID | | 22061-0001 | | | |
| Testing Laboratory Name | | G.S.D. S.r.l. | | | |
| Address | | Via Marmiceto, 8 56121 Ospedaletto Pisa (PI) Italy | | | |
| Tel/Fax | | +39 050 984254 / +39 050 984262 | | | |
| P.IVA/VAT | | 01343950505 | | | |
| http – e-mail | | www.gsd.it - info@gsd.it | | | |
| | | FCC Listed: Registration Number: 424037 | | | |
| | | IC Listed: Registration Number: 9353A | | | |
| Location and Date of Issue | | Pisa, 2016 December 02 | | | |
| G.S.D. s.r.l. Via Marmiceto, 8 56121 OSPEDALETTO - PISA Tel. 050.984254 - Fax 050.984262 P. IVA 01343950505 | | | | | |
| SENIOR EMC TEST MANAGER Dr. Gian Luca Genovesi  | | | QUALITY MANAGER Dr. David Pelliccia  | | |

| | |
|---|----------|
| INDEX | |
| 1. MAXIMUM PERMISSIBLE EXPOSURE..... | 3 |
| | |

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* ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

$\cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, 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)

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 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) = 5 mm

$f = 2.4$ GHz

$\sqrt{f(\text{GHz})} = 1.55$

$P_{\text{max}} = 2.512$ mW

Conclusion: accordingly to KDB 447498 D01v06 exclusion threshold is $0.77 < 3$, RF exposure evaluation is not required.

This document may be only fully reproduced.

Every partial reproduction is only allowed after written approval released by G.S.D. S.r.l.

Report n. 16767mpe Rev. 01, page 3 / 3