

TÜV Rheinland Nederland B.V.

ACB
 Certification Department
 6731 Whittier Avenue, Suite C110
 McLean, Virginia 22101
 USA

Version: 20101101

To whom it may concern,

On behalf of our customer Siemens Industry Software B.V., we hereby declare the following device:

FCC ID : 2AF88-1218RF
 IC : Not applicable
 Brand : Siemens
 Model : 1218RF
 Description : Spread Spectrum Transmitter (DSS)

The EUT has 3 outputs which never send simultaneously. The highest output power is from output J2.

The EUT is considered as 'Mobile' use.

Has a maximum conducted peak power of 12.82 dBm, equals 19.1 mW. With an antenna gain of +3 dBi this comes down to 38.2 mW in the frequency range of 2406 – 2474 MHz which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows :

$$S = \frac{EIRP}{4 \cdot \pi \cdot R^2} \quad (\text{power density without reflection})$$

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} \quad (\text{power density with 100\% reflection})$$

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} = \frac{EIRP \text{ (mW)}}{\pi \cdot (20\text{cm})^2} = \frac{38.2}{\pi \cdot (20)^2} = 0.030 \text{ mW/cm}^2$$

(limit = 10 W/m² is 1.0 mW/cm²)

This means that the equipment is in compliance with EC OET Bulletin 65 (Edition 97-01), Supplement C (Edition 01-01).

Best regards,
 TÜV Rheinland Nederland B.V.



R .van der Meer
 Test Engineer
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Head office Apeldoorn:
 Boogschutterstraat 11A
 P.O. Box 541
 7300 AM Apeldoorn
 The Netherlands
 Tel. +31 (0)88 888 7 888
 Fax +31 (0)88 888 7 879

Locations in The Netherlands:
 Vissenstraat 6
 P.O. Box 541
 7300 AM Apeldoorn

Eiberkamp 10
 P.O. Box 37
 9350 AA Leek
 Fax: +31 594 504804

Josink Esweg 10
 P.O. Box 337
 7500 AH Enschede

TÜV Rheinland Nederland B.V. is a registered company at the Dutch Chamber of Commerce under number 27288788
 info@nl.tuv.com
 www.tuv.com/nl