

RADIO TEST REPORT

No. 0125150R4

EQUIPMENT UNDER TEST

Equipment : Ortivus MobiMedTM 300
Type / model : Mobimed 300C
Manufacturer : Ortivus AB
Tested by request of : Ortivus AB

SUMMARY

Addition to the SEMKO Test Report No. 0125150R3.

The equipment complies with the requirements of radiated and conducted emissions according to the following standard:

FCC part 15.247 subpart C (2001)

Date of issue: February 20, 2002

Tested by:



Vladimir Bazhanov

Approved by:



Björn Rosenquist

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ITS Intertek Testing Services
ETL SEMKO

Postal address	Visiting address	Telephone
SEMKO AB Box 1103 S-164 22 KISTA SWEDEN	Torshamngatan 43 KISTA-STOCKHOLM SWEDEN	+ 46 8 750 00 00
		Fax + 46 8 750 60 30

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1. RADIATED SPURIOUS EMISSIONS

1.1 Operating environment

Temperature: 21 °C (15 - 35 °C)
Relative Humidity: 30 % (30 - 60 %)

1.2 Measurement uncertainty

Radiated disturbance electric field intensity, 18000-26000 MHz: ± 4,0 dB

The measurement uncertainty describes the overall uncertainty of the given measured value during operation of the EUT.

1.3 Test equipment

Equipment	Manufacturer	Type	SEMKO No.
<i>Test site: Bluetooth anechoic shielded chamber, 3,68 x 6,98 x 2,35 m (W x L x H)</i>			12285
Software:	R&S	ES-K1, V1.60	
Signal analyser:	R&S	FSIQ 40	9192
Preamplifier:	HP	8449B	6685
Pyramidal Horn Antenna:	EMCO	3160-09	30101

R&S = Rohde & Schwarz
HP = Hewlett Packard

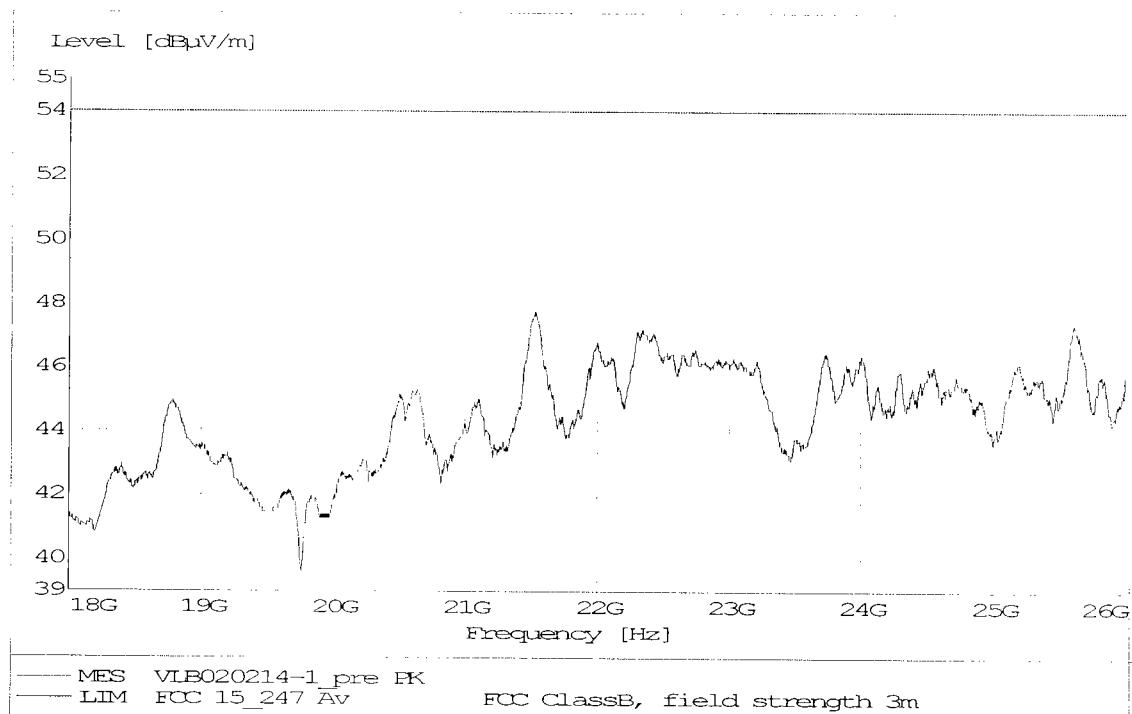
1.4 Measurement set-up

To show the compliance of the EUT with the standard, in addition to the tests performed earlier (see SEMKO Test Report No. 0125150R3), just one sweep in the frequency range 18 – 26 GHz using the average detector has been performed in the Bluetooth anechoic shielded chamber. For measurement set-up see Section 11.4 in the above-mentioned report.

1.5 Test protocol

Date of test: February 14, 2002

18 – 26 GHz, average detection at a distance of 3 m; hopping on all channels



Field strength of spurious emissions, TX test data sequence						Note	
Frequency [MHz]	RBW [kHz]	Measured level		Limit			
		Peak [dBμV/m]	QP/AV [dBμV/m]	Peak [dBμV/m]	QP/AV [dBμV/m]		
18000 - 26000	1000	<63	<48	74	54		

Fulfil requirements: Yes