



REPORT

ANKOM

1996 -10- 21

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Datum/Date

1996-10-14

Beteckning/Reference

96F51167

Sida/Page

1(1)

Emission measurement on ASTRO

(2 enclosures)

Test object

RC-unit ASTRO (no part or serial numbers) connected to a PC, Panasonic Laptop CF41

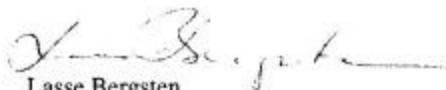
Summary

Emission measurement as specified below have been performed. The fulfilment of this requirement is needed for "e"-marking of the product according to the referred directive.

Standard	Compliant	Enclosure	Remarks
Com Dir 95/54/EC	Yes		
Annex 7 & 8, radiated emission	Yes	2	

SP - Swedish National Testing and Research Institute
EMC


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Akrediterat laboratorium utses av Styrelsen för akkreditering och teknisk kontroll (SWEDAC) enligt lag. Verksamheten vid de svenska akkrediterade laboratorierna uppfyller kraven enligt SS-EN 45001 (1989), SS-EN 45002 (1989) och ISO/IEC Guide 25 (1990:E). Denna rapport får endast återsägas i sin helhet, om inte SWEDAC och SP i förväg skriftligen godkännt annat.

Accredited laboratories are appointed by the Swedish Board for Accreditation and Conformity Assessment (SWEDAC) under the terms of the Act. The Swedish accredited laboratories meet the



REPORT

Datum/Date
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Beteckning/Reference
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Enclosure 1
Sida/Page
1(1)

Radiated emission measurement

Test site	Date	Temperature	Humidity
Shielded room	1996-10-04	23 °C ± 3 °C	55 % ± 5 %

Test set-up and Procedure

Measurement of radiated emission was performed in the fully anechoic chamber on SP. The EUT was measured in 4 perpendicular directions. The measurements were performed with both horizontal and vertical polarisation of the antenna. The antenna distance was 1 m and the antenna height 1.3 m. The test set-up is shown in encl. 2.

Emission, measured with peak detector, lower than the the emission limit is deemed to comply with the requirement. Measurement with quasi-peak or average detector will reduce the measured level.

Measurement equipment	SP number
Anechoic chamber	7:314
HP 8566B Spectrum analyser	501437
HP 85685A Preselector	501438
HP 85685A Quasipeak adapter	501439
HP 9836CH Control computer	500576
HP 85869A EMI measurement software	
Chase Bilog antenna CBL 6121A	502460

Result

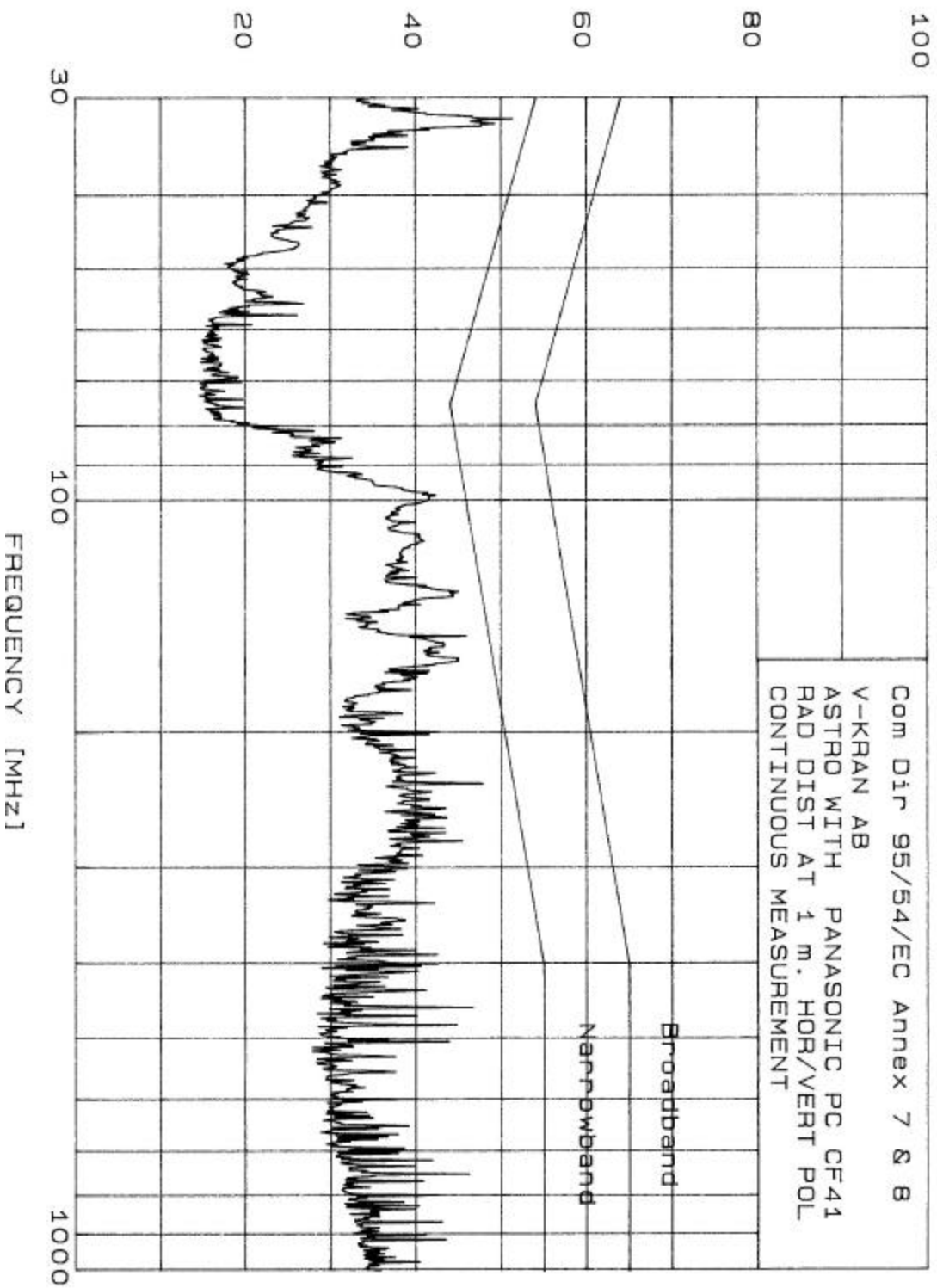
The emission spectrum (peak) is shown in diagram I.

Emission below limit?	Yes
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SWE. NAT. TESTING & RESEARCH INST.
EMISSION LEVEL [dBuV/m]

4 Oct 1996 11:16:07

Com Dir 95/54/EC Annex 7 & 8
V-KRAN AB
ASTRO WITH PANASONIC PC CF41
RAD DIST AT 1 m. HOR/VERT POL
CONTINUOUS MEASUREMENT



Sign: *[Signature]*



REPORT

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Beteckning/Reference
96F51167

Enclosure 2
Sida/Page
1(1)

Test set-up

