

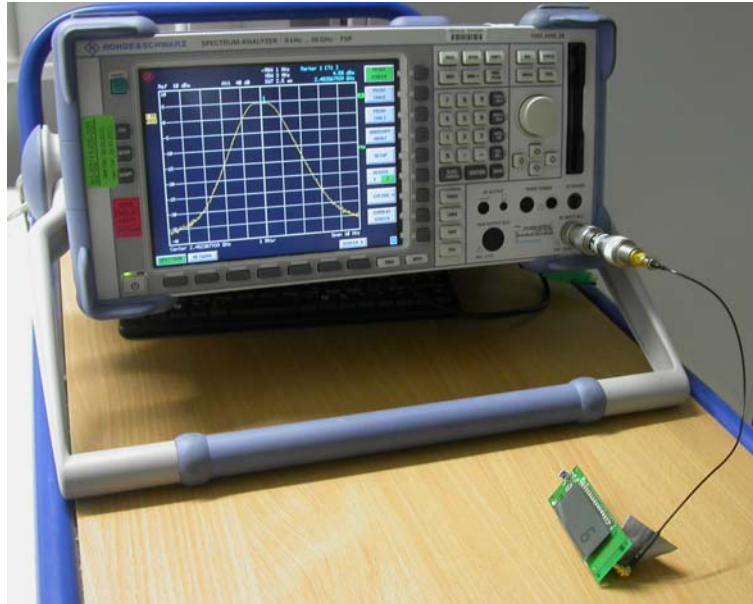
5.2 Occupied bandwidth

For test instruments and accessories used see section 6 Part **MB**.

5.2.1 Description of the test location

Test location: Shielded Room S4

5.2.2 Photo documentation of the test set-up



5.2.1 Applicable standard

According to RSS-Gen, 4.6.1:

When an occupied bandwidth value is not specified in the applicable RSS, the transmitted signal bandwidth to be reported is to be its 99% emission bandwidth, as calculated or measured.

5.2.2 Description of Measurement

The bandwidth was measured with the function “bandwidth measurement” of the spectrum analyser. The EUT is connected via suitable attenuator at the spectrum analyser. The measurement is repeated for every different modulation standard of the EUT and recorded.

Spectrum analyser settings:
see attached plots:

5.2.3 Test result

Channel number	Fundamental frequency (MHz)	99 % Bandwidth (MHz)
0	2433.00	1.264
123	2457.59	1.360
247	2482.39	1.376

Remarks: For detailed test result please refer to following test protocols. The RSS Gen defines no limit for
the occupied bandwidth!

5.6 Emissions falling within restricted bands

For test instruments and accessories used see section 6 Part **SER 1**, **SER 2**, **SER 3**.

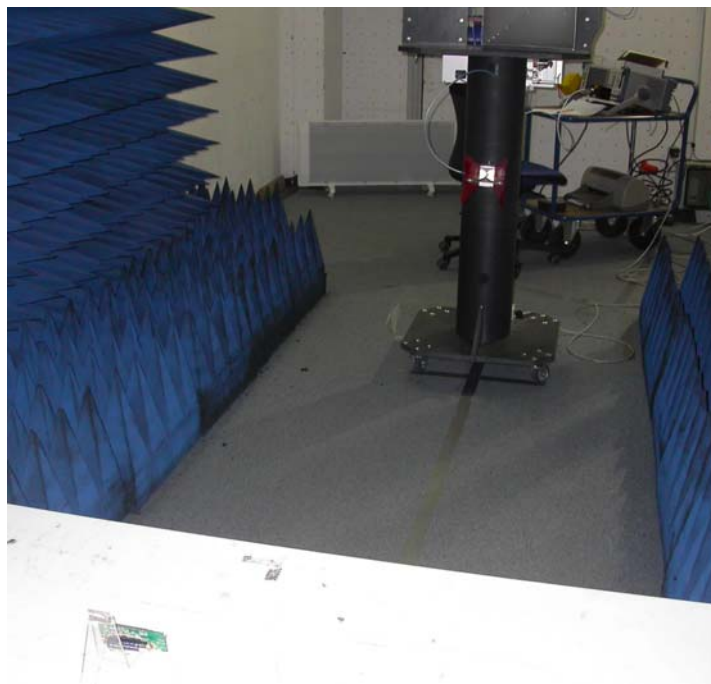
5.6.1 Description of the test location

Test location: OATS1
Test distance: 3 metres

Test location: Anechoic Chamber A2
Test distance: 3 metres

5.6.2 Photo documentation of the test set-up





5.6.3 Applicable standard

According to RSS-Gen, 7.2.2:

Restricted bands, identified in Table 1, are designated primarily for safety-of-life services (distress calling and certain aeronautical bands), certain satellite downlinks, radio astronomy and some government uses. Except where otherwise indicated, the following restrictions apply:

- (a) fundamental components of modulation of licence-exempt radio apparatus shall not fall within the restricted bands of Table 1;
- (b) unwanted emissions falling into restricted bands of Table 1 shall comply with the limits specified in RSS-Gen;
- (c) unwanted emissions not falling within restricted frequency bands shall either comply with the limits specified in the applicable RSS, or with those specified in RSS-Gen.

5.6.4 Description of Measurement

The measurement is performed radiated. For testing above 1 GHz, if the emission level of the EUT in peak mode complies with the average limit is 20 dB lower, then testing will be stopped and peak values of the EUT will be reported, otherwise, the emission will be measured in average mode again and reported.

5.6.4.1 Radiated emission test $f < 1$ GHz

In the frequency range from 9 kHz to 30 MHz no radiated emissions could be measured.

In the frequency range from 30 MHz up to 1 GHz no radiated emissions could be measured.