The resolution bandwidth of the measuring instrument shall be the smallest bandwidth available which is greater than the spectral width of the spurious component being measured. This shall be considered to be achieved when the next highest bandwidth causes less than 1 dB increase in amplitude.

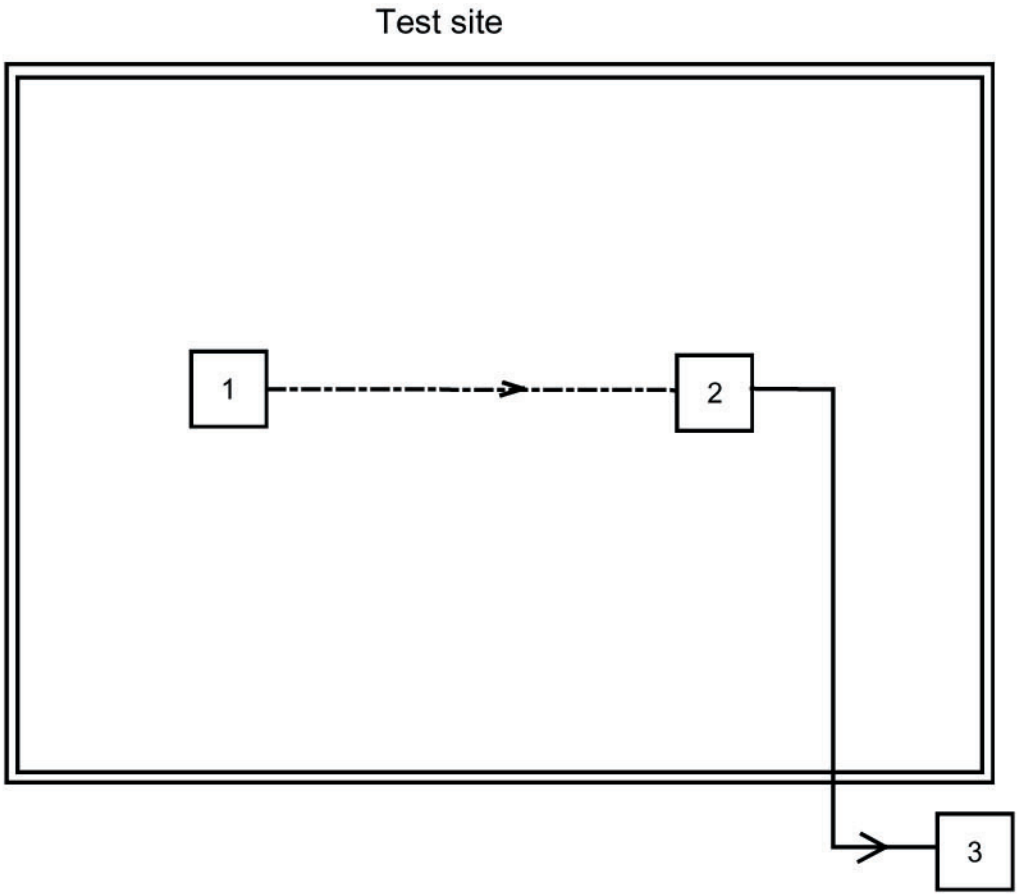
The conditions used in the relevant measurements shall be recorded in test reports.

The measurements shall be made, for equipment operating on frequencies not exceeding 470 MHz, in the frequency range 9 kHz - 4 GHz, and for equipment operating on frequencies above 470 MHz, additionally in the frequency range 4 GHz - 12,75 GHz, except for the channel on which the transmitter is intended to operate, and its adjacent channels.

The measurement shall be repeated with the transmitter in the "stand-by" position.

The limit(s) corresponding to this parameter can be found in clause 5.1.5.

8.6.3 Method of measuring the effective radiated power



1) Transmitter under test
2) Test antenna
3) Spectrum analyser or selective Voltmeter (test receiver)

Figure 9: Measurement arrangement

The measurement procedure shall be as follows:

a) on a test site, fulfilling the requirements of annex A, the sample shall be placed at the specified height on the support.

The transmitter shall be operated at the carrier power as specified under clause 8.2, delivered to:

- an artificial antenna (clause 7.7) for equipment having an external antenna connector (clause 8.6.1, b)); or
- to the integral antenna (clause 8.6.1, c)).