

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 2
to
AS/NZS 4582:2004
**MF and HF radiocommunications equipment in the international maritime mobile
radiotelephone service (ETS 300 373:1995, MOD)**

REVISED TEXT

The 2004 edition of AS/NZS 4582 is amended as follows; the amendment should be inserted in the appropriate place.

SUMMARY: This Amendment applies to Clause 7.1.4 and 7.10.2.

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Clause 7.1.4

Delete Clause 7.1.4.

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Clause 7.10.2

Delete Clause 7.10.2 and *replace* with the following:

7.10.2 Method of measurement**7.10.2.1 General**

Spurious emissions shall be measured as the mean power level of any signal delivered into a 50 Ω load. This may be done by connecting the transmitter output through an attenuator to either a spectrum analyser or selective voltmeter or by monitoring the relative levels of the spurious signals delivered to an artificial antenna (see Clause 5.5.1).

The transmitter shall be modulated with the same test signal as used in Clause 7.3.2, Item (a), and the measurements made over the frequency range 9 kHz to 4 GHz.

Any limiter or automatic control of the modulation level shall be in normal operation.

For stand-alone transmitters, this test shall be repeated in the transmitter stand-by mode. The frequencies within the centre frequency f_c and $f_c + 2.7$ kHz shall be excluded from this transmitter test.

7.10.2.2 Reference bandwidths for spurious measurements

The reference bandwidths applicable to all spurious measurements are given in Table 2A below.

**Table 2A: Reference bandwidths for
spurious measurements**

Frequency range	RBW
9 kHz to 150 kHz	1 kHz
150 kHz to 30 MHz	10 kHz
30 MHz to 1 GHz	100 kHz
Above 1 GHz	1 MHz

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