

Test procedure of Radiation Test

1 : Test mode

Data Transmitting Mode(285.7 and 315.8kHz)

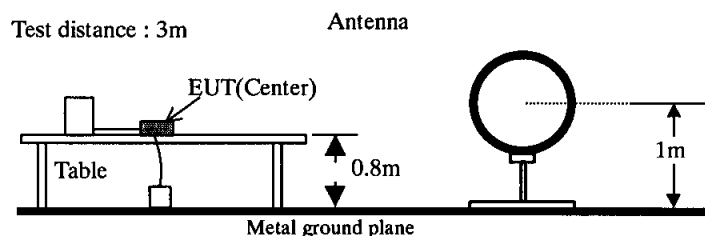
2 : Test configuration

EUT was placed on a platform of nominal size, 1m by 1.5m, raised 80cm above the conducting ground plane.

Test was made with the antenna positioned in both the horizontal and vertical planes of polarization.

The measurement antenna was varied in height above the conducting ground plane to obtain the maximum signal strength.

Drawing of the test set-up



3 : Test procedure

Oscillate EUT at 285.7 and 315.8 kHz and performed the measurement.

The distance from the EUT to antenna is 3meters.

To detect maximum radiated noise level, measurement was performed with turn table was rotated by 360degrees and then antenna was set at both of vertical and horizontal.

Enough margins more than 20dB was confirmed for other frequencies which did not shown in test data.

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