

2. TEST RESULT SUMMARY

Table 2-1: Emissions Results Summary

EMISSIONS			
Standard	Test Type	Result	Remarks
SANS 211 / CISPR 11	Radiated emissions	Pass	Meets Class B Limit

Table 2-2: Immunity Results Summary

IMMUNITY			
Standard	Test Type	Result	Remarks
SANS / IEC 61000-4-2	Electrostatic discharge immunity test	Pass	Meets the requirements of performance criterion A
SANS / IEC 61000-4-3	Radiated, radio-frequency, electromagnetic field immunity test	Pass	Meets the requirements of performance criterion A

3. EMISSION CLASSES AND IMMUNITY CRITERIA

3.1.1 Emissions

CISPR Classifies Equipment as either Class A or Class B.

Class B Equipment is a category of apparatus which satisfies the class B equipment disturbance limits. Class B Equipment is intended primarily for use in the domestic environment and may include:

- Equipment with no fixed place of use; for example, portable equipment powered by built-in batteries;
- Telecommunication terminal equipment powered by a telecommunication network;
- Personal computers and auxiliary connected equipment.

NOTE The domestic environment is an environment where the use of broadcast radio and television receivers may be expected within a distance of 10 m of the apparatus concerned.

Class A Equipment is a category of all other equipment which satisfies the class A equipment limits but not the class B equipment limits. Such equipment should not be restricted in its sale but the following warning shall be included in the instructions for use:

Warning

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

3.1.2 Immunity

The Criteria set-out above are defined as follows:

Criterion A: normal performance within limits specified by the manufacturer, requestor or purchaser;

Criterion B: temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the equipment under test recovers its normal performance, without operator intervention;

Criterion C: temporary loss of function or degradation of performance, the correction of which requires operator intervention;