

Simplified Radiated Immunity Test System

Low Cost Easy

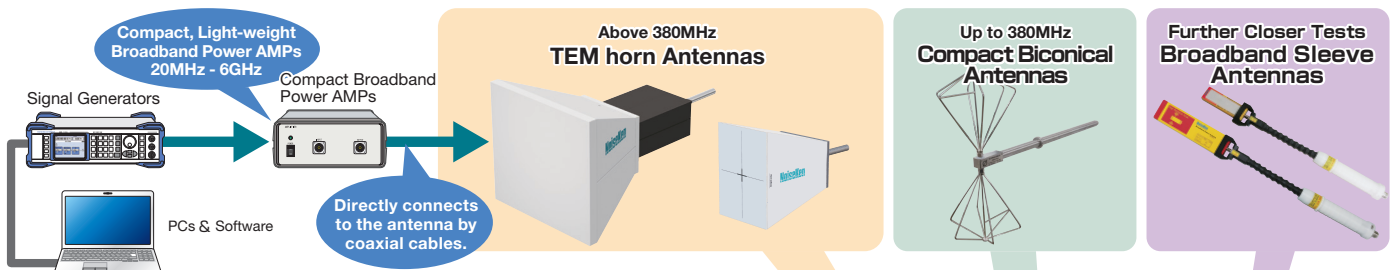


Is it possible to do radiated tests more easily?

How about a Simplified Radiated Immunity Test System?



We build the system with the minimum necessary equipment.

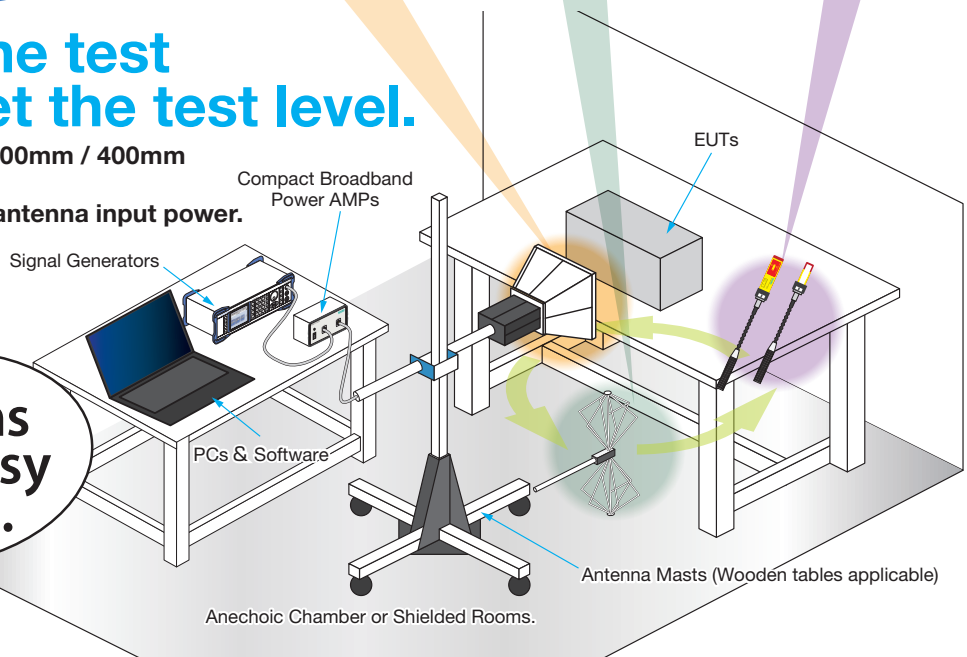


Simply select the test distance and set the test level.

Test distance : 100mm / 200mm / 300mm / 400mm
 Field strength : 10V/m etc.
 SG automatically adjusts required antenna input power.



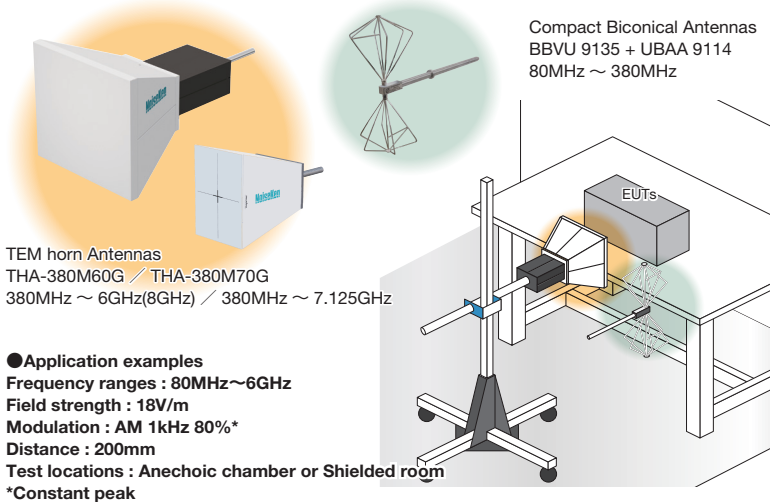
It seems to be easy to test.



High-performance Proximity Antennas

Select Antennas According to the Test Purpose

Pre-test of IEC 61000-4-3

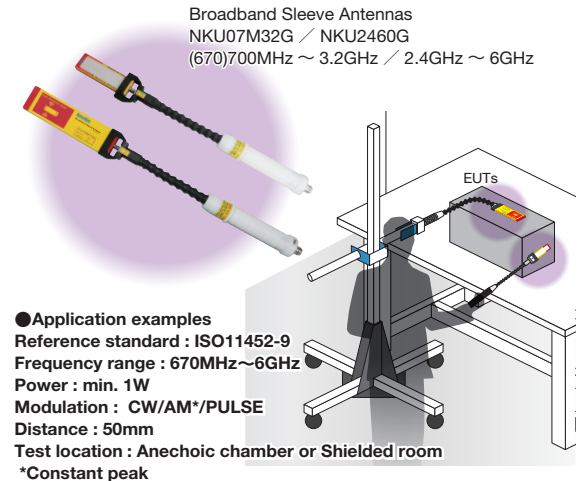


TEM horn Antennas
THA-380M60G / THA-380M70G
380MHz ~ 6GHz(8GHz) / 380MHz ~ 7.125GHz

Compact Biconical Antennas
BBVU 9135 + UBAA 9114
80MHz ~ 380MHz

●Application examples
Frequency ranges : 80MHz~6GHz
Field strength : 18V/m
Modulation : AM 1kHz 80%*
Distance : 200mm
Test locations : Anechoic chamber or Shielded room
*Constant peak

Verify Electromagnetic Interference from other RF Transmitters.



Broadband Sleeve Antennas
NKU07M32G / NKU2460G
(670)700MHz ~ 3.2GHz / 2.4GHz ~ 6GHz

●Application examples
Reference standard : ISO11452-9
Frequency range : 670MHz~6GHz
Power : min. 1W
Modulation : CW/AM*/PULSE
Distance : 50mm
Test location : Anechoic chamber or Shielded room
*Constant peak

Even though it is simple, the test is applicable at low-cost.

We have been carried out the conducted immunity (IEC 61000-4-6) test in a shielded room, I am very satisfied with the system because it is simple, low-cost, and easy to perform a radiated immunity test.

- Industrial equipment maker -

An effective test system to reproduce failure.

Failure occurred in the radiated immunity test at the EMC test lab, and I had a hard time to locate the problem. Failure was reproduced when the test was carried out with the simple radiated immunity test system. It is very effective in locating the defective location by bringing the antenna closer.

- Multi-media equipment maker -

Used for evaluation of wireless transmitter bands.

Radiated immunity test (IEC 61000-4-3) only requires up to 1 GHz, it is nice that not only applicable to perform simple evaluations up to 1 GHz, but also applicable to perform simple evaluations of wireless transmitter bands such as the 2 GHz band and the 5 GHz band.

- Industrial equipment maker -

Voice of the Customer



Low-cost, but sufficient test system.

Since we are not in such trouble enough regarding the radiated immunity system (IEC 61000-4-3) to make a new capital investment, a simple test system at such a low price is sufficient.

- FA equipment maker -

Measures against electromagnetic interference from wireless transmitters.

There are increasing cases of electromagnetic interference from other wireless transmitters such as Wi-Fi and smartphones, it is nice to be able to test as a countermeasure against electromagnetic interference from wireless transmitters.

- Semiconductor device maker -

Reproduce communication loss due to electromagnetic interference.

Communication loss occurs due to electromagnetic interference from other wireless transmitters in products with communication functions. I want to use it for reproduction.

- Communication equipment maker -

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