

Model : NKU07M32G / NKU2460G

Broadband Sleeve Flexible Antenna

Broadband sleeve antenna has been developed for efficient immunity testing against hand-held transmitters and cellular phones. Many pieces of spot frequency antennas had to be used in turn thus far. This new Broadband sleeve antenna is a single antenna solution eliminating the need for antenna changes and dramatically reducing the test time. Furthermore, this antenna with its small-size and lightweight properties and a flexible handle is suitable for testing in narrow spaces.

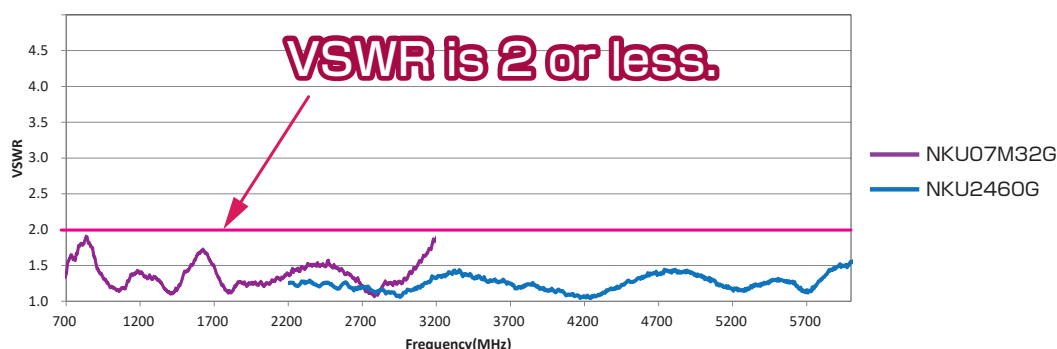
- A wide frequency range eliminating the need for antenna changes
- 30W maximum power input allows high field strengths
- High efficiency due to a low VSWR and high gain
- Suitable for broadband digital modulation thanks to a good VSWR flatness
- Small, light-weight and flat antenna easy to use in narrow spaces
- Easy handling with a flexible arm
- A wide radiation pattern makes directivity of the fields no longer an issue



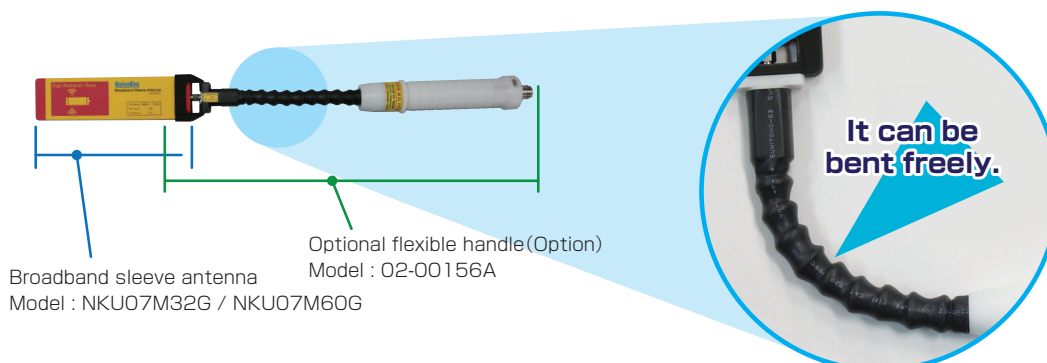
Specification

Model	NKU07M32G	NKU2460G
Frequency range	700MHz ~ 3.2GHz	2.4GHz ~ 6GHz
VSWR	≤ 2	
Maximum power input	20 W (continuous) 30W (continuous 10 minutes)	10W(CW)
Input impedance	50Ω	
Connector	SMA(J)	
Dimensions	W50 × D8 × H186 mm (projection excluded)	W35 × D10 × H108 mm (projection excluded)
Weight	73.5g	20 g

VSWR

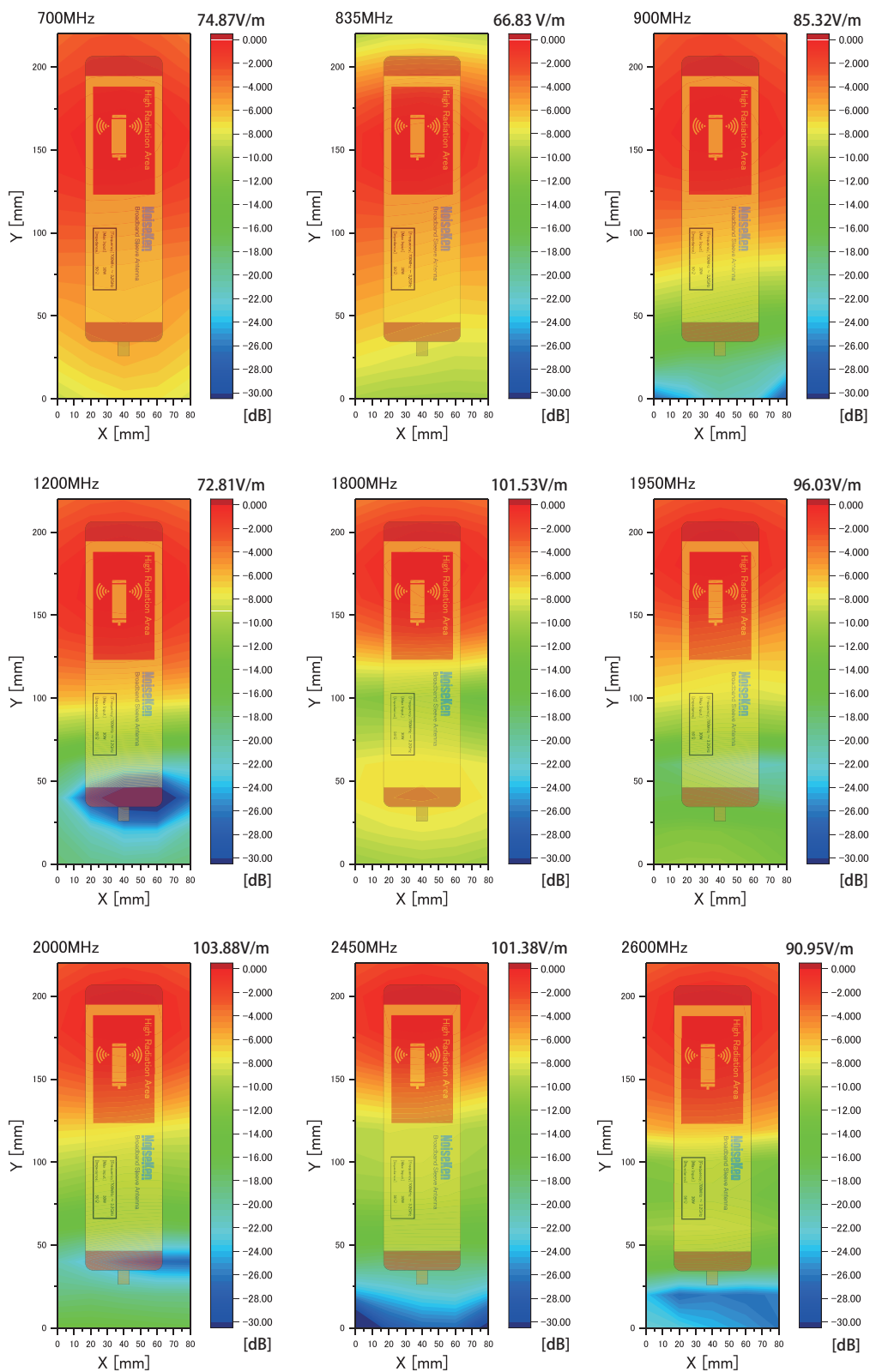


Antenna and optional flexible handle

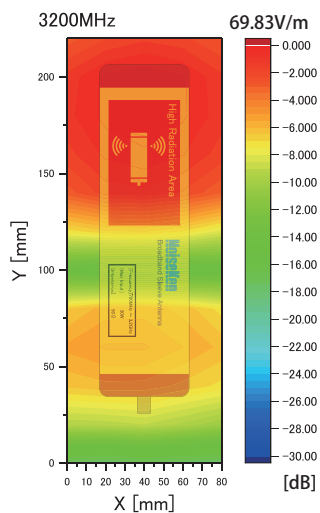


Specifications

■ Near field distribution characteristics(NKU07M32G)



Specifications



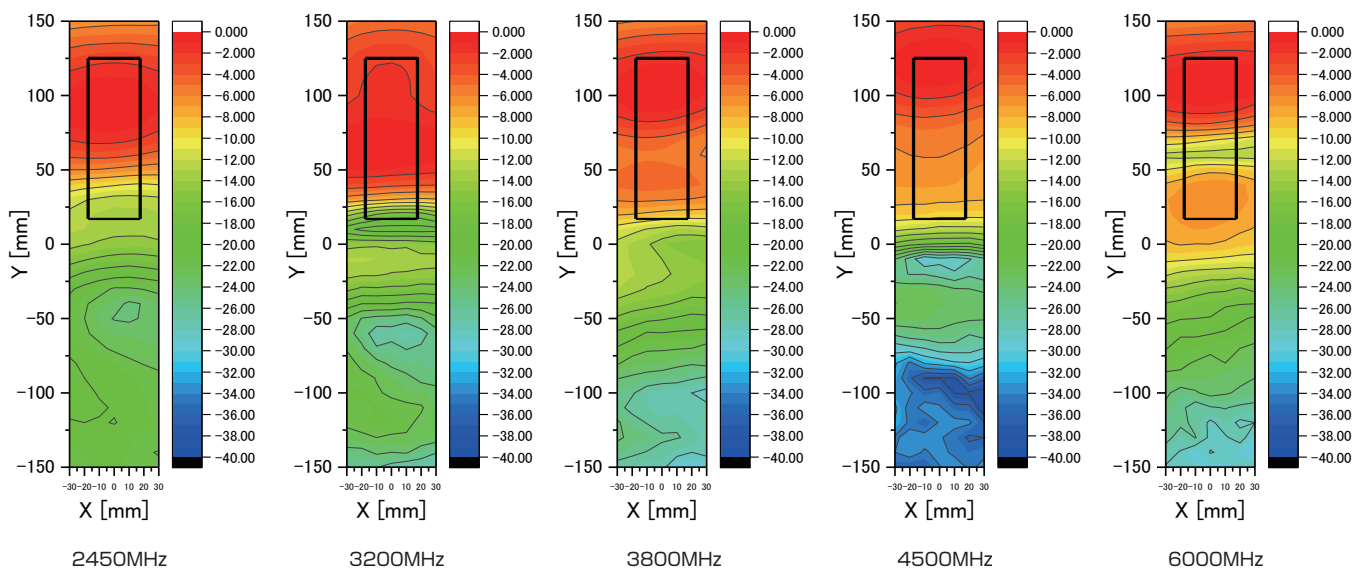
Electric field direction :

y-axis (Single axis)

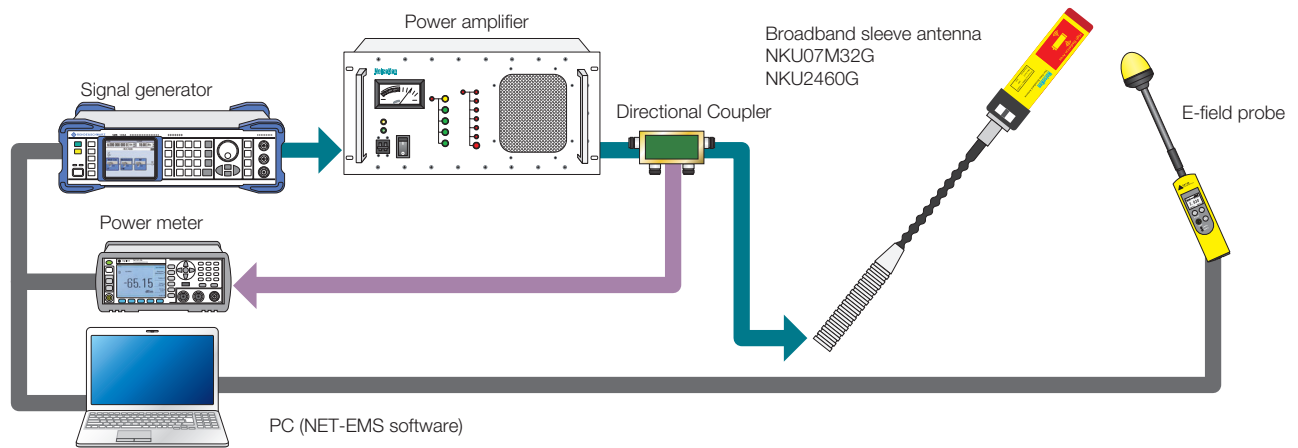
Input power / distance : 1W/50mm

The electric field strength is a reference value.

■ Near field distribution characteristics(NKU2460G)



System configuration example

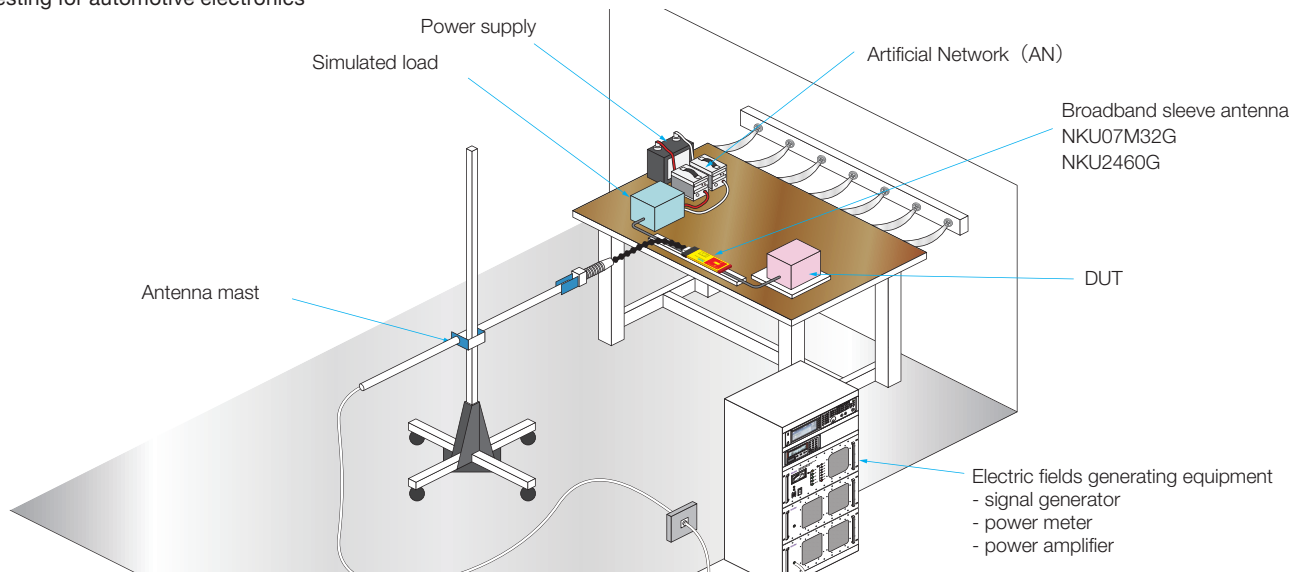


Application

In-vehicle testing



Testing for automotive electronics



* Designs, appearances and specifications on the products are subject change without notice.