



# EMC antenna tower&Desk

## Antenna tower overview

Antenna elevation tower essential for EMC measurement.

Features ;

- High accuracy of positioning by encoding detection
- Reducing the reflection due to 45° angle to pole surface
- Optical communication controlled
- Low Noise
- Easy user-interface of front panel
- High accuracy due to own HV switching



MTW101-U2.5

Parameter	Spec.
Size (WxDxH)	800 x 800 x 2522mm *
Weight	< 80Kg
Elevation range	650 - 2050mm
Elevation speed	2 - 100mm/sec.
Resolution	1mm
Repeated position accuracy	< ±5mm
Load weight	4Kg @800mm far from pole
Interface to Controller	GP-IB(IEEE488.2)
Power Supply	Tower ; AC100V Controller ; AC100V 3A

\*except for protrusion

Customization (Size & Performance) available as much as possible.

## EMC High Frequency Desk

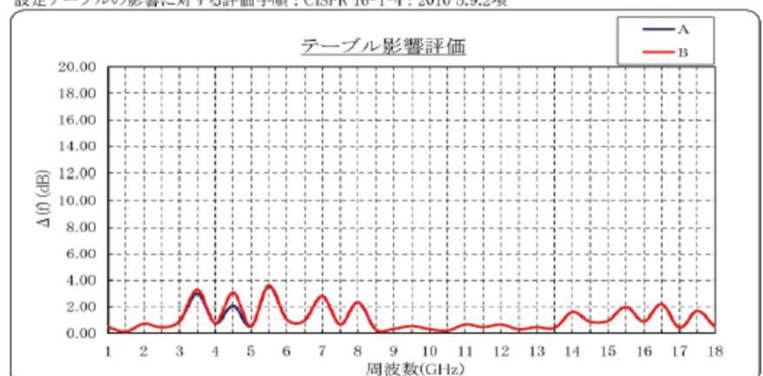
The special desk for EMC is produced by very low Permittivity materials not to effect to high frequency, so it achieves high accuracy measurement without the influence by desk itself. Size is flexible and available to change the Top Board to Acrylic.

Parameter	Spec.
Size (W x D x H)	1500x1000x800(mm)
Weight	35Kg
Load weight	100Kg *
Forming rate	x 15

\* @ uniformed load



設定テーブルの影響に対する評価手順：CISPR 16-1-4：2010 5.9.2項



試験テーブル材質：発泡スチロール

テーブル測定ポイントの標準不確かさ(1~18GHz)：CISPR 16-1-4：2010 5.9.2項 式(13)

サンプル	周波数 (GHz)	Δ max (dB)	標準不確かさ U <sub>table</sub> (dB)
A : 発泡スチロール製	5.5	3.54	2.04
B : 発泡スチロール製 + アクリル板	5.5	3.64	2.10