



SAM ANTENNA STAND

EASY HANDLING - FAST MEASUREMENT

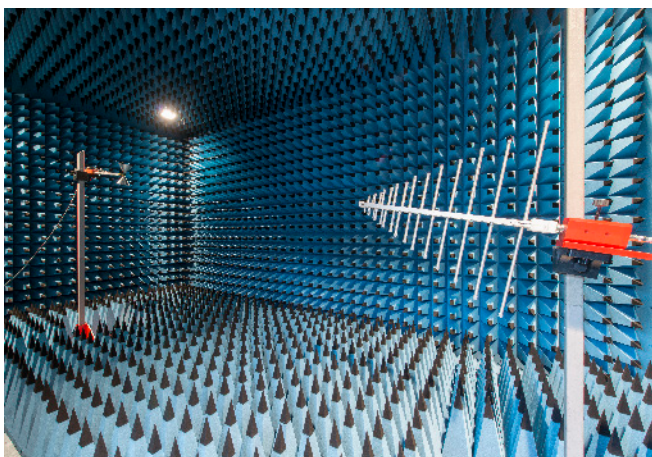
The SAM antenna stand was developed by Seibersdorf Laboratories because of the need for easy and precise mounting of antennas for EMC test site validation purposes and is now available for your test house. It allows the mounting of EMC test antennas and adjust the height and polarization manually.

APPLICATIONS

Antenna stand for the NSA transmit antenna which has to be mounted in 1 m and 2 m height in horizontal polarization and in 1 m and 1.5 m in vertical polarization.

Antenna stand for Freespace NSA measurement where tilting of the antennas is required. Can be used as transmit and receive antenna stand.

Antenna stand for shielding effectiveness measurements. Investigations for measurement uncertainty evaluations like antenna mast influence, setup table influence, etc.

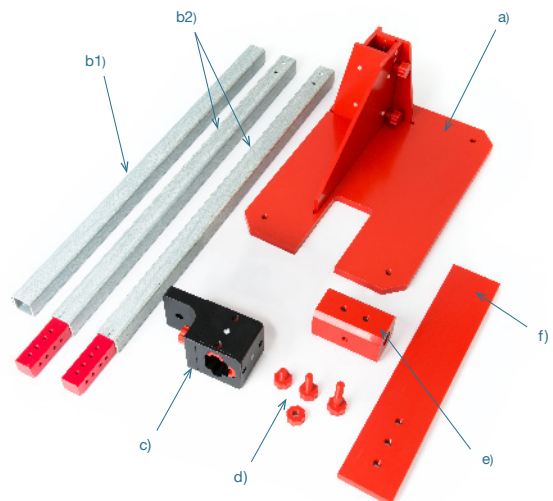


FAR validation using SAM Antenna Stand on transmit and receive side

ADVANTAGES

- Modular, non-metallic system
- Easy height adjustment of antenna with one screw up to 3m
- Convenient tilting of antenna if required
- No wheels for solid stand – light enough to be carried around

COMPONENTS



Components for the NSA antenna stand:

- a) Base plate
- b) Mast elements
 - b1) for the first section
 - b2) for the following sections
- c) Antenna carrier
- d) Plastic screws, 3 different lengths and nut
- e) Antenna mounting block for 22mm tubes
- f) Antenna mounting plate

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TECHNICAL DATA

| | |
|------------------------|---------------------------------|
| Dimension (footprint): | 60 x 42 cm |
| Height: | 3 sections, 1 m each |
| Polarisation: | any angle, 360° with 22 mm tube |
| Weight: | 19 kg |
| Antenna mount: | 22 mm tube |
| Max. load capacity: | 5 kg antenna weight |
| Environment: | Indoor use |



CONTACT

Seibersdorf Labor GmbH
RF-Engineering
2444 Seibersdorf, Austria

LEOPOLD HEISS

Phone: +43 50550 - 2049
+43 50550 - 2882 (secretary)
Fax: +43 50550 - 2881
E-mail: leopold.heiss@seibersdorf-laboratories.at
Web: www.seibersdorf-laboratories.at/rf