

STPL-30 STRIPLINE AUTOMOTIVE ANTENNA

OVERVIEW

The SPTL-30 Stripline is designed to produce high electric fields over the DC to 30MHz bandwidth. We made an EMC measurements device in order to test the immunity of automotive and aircraft equipment to radiated electromagnetic fields according to the automotive and aircraft standards

FEATURES

- Excellent TEM mode behavior
- Extended use for multi-mode testing.
- Good longitudinal uniformity

APPLICATIONS

- Aerospace Civil and Military testing
- Automotive and industrial testing.
- EMC testing

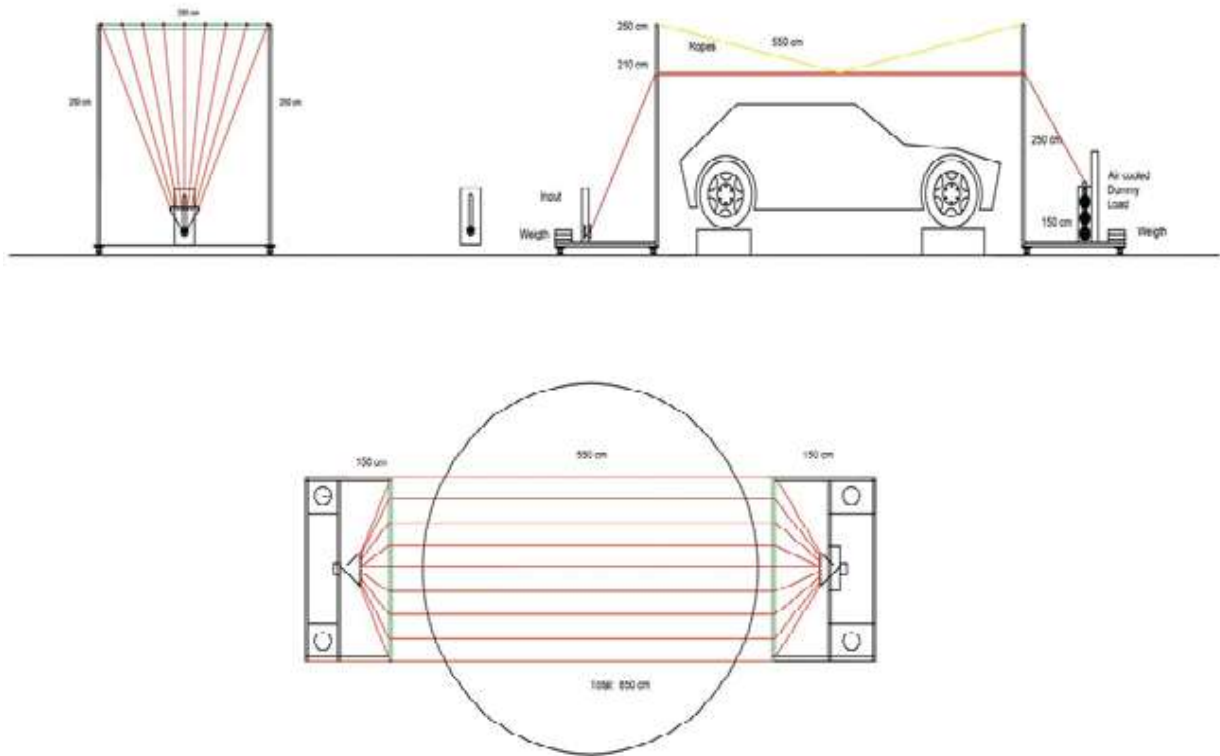
ELECTRICAL SPECIFICATIONS

Frequency Range:	DC -30MHz
VSWR:	<2,0:1 average; 14:1 worst case
Polarization:	Linear, Vertical
Power Handling:	9KW (*optional: 30KW model) Air cooled
Feed-point Impedance:	50 Ohm (*optional: 75 Ohm, 150 Ohm)
Portability:	The stripline sections are easily disassembled with reduced occupied space

MECHANICAL SPECIFICATIONS

Size:	L 8,5 m x W 2,5 m x H 2,1 m (Height is adjustable up to 2,5 m)
Weight:	220 Kg
Construction:	Aluminum and Fiberglass
RF Connectors:	EIA 7/8" flange (*optional: EIA 1-5/8", EIA 3-1/8" models) Hi power type.

STRIPLINE AUTOMOTIVE DC-30MHz



Parameters:

- Adjustable height from 2m to 2.5m with sliding system
- Air cooled Dummy Load 9KW
- Trolley with rotating wheels with brakes
- Input connector: EIA 1-5/8" for 15kW Max
- Tilt adjustment of the septum
- Carborundum High Power resistors for different loads: 150R for 3KW, 75R for 6KW and 50R for 9KW.
- Easy to assemble and store when unused
- Customized dimension and load available.