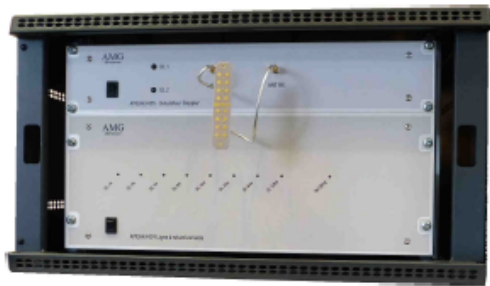


RADAR TARGET SIMULATOR - VARIABLE DISTANCE

AMG043-010 - Radar target simulator



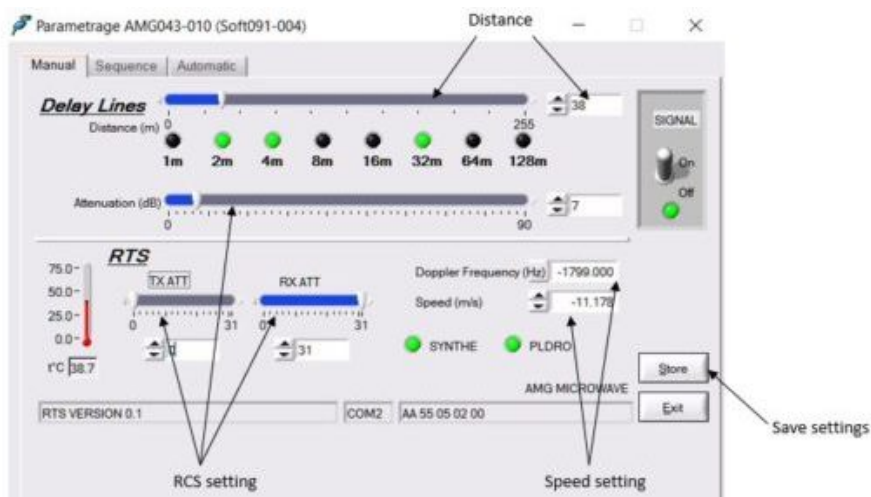
- 24 GHz frequency band
- Adjustable target distance simulation (from 2m to 250m)
- Verification of speed enforcement and automotive (SRR) radars.
- All radar modulations (CW, FMCW, FSK or pulse)
- Easy programming and use

DESCRIPTION

The AMG043-010 is an advanced radar target simulator designed to recreate precise and complex speed simulation scenarios for radar equipment in the 24 GHz band. This device can generate electronic echoes from 2.5m to 250m. These echoes can be static or move with speeds between 0.1 km/h to 800 km/h.

Its easy to handle set-up software allows users to create multiple simulation scenarios such as acceleration and deceleration manoeuvres, as well as recall those parameters already registered countless times. This RTS is the ideal tool to develop radar equipment and to verify the latest generation of speed enforcement radars (multi-lane, target tracking).

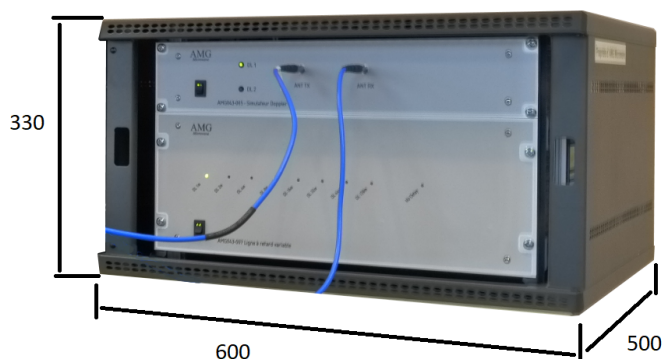
USE



APPLICATIONS

- Legal metrology control for speed measuring equipment
- Type approvals for 24GHz radars
- Bench-test for research and product development purposes of K-band radars.
- Automotive SRR radar calibration

ADDITIONAL INFORMATION



FEATURES

- 24 GHz frequency band
- Simulated distance from 2.5 to 250m in steps of 1m (1 target)
- ± 0.1 km/h to ± 800 km/h programmable speed range
- Adjustable RCS -20 dBm² to +40 dBm² (according to distance)
- Linear or circular polarization antenna
- User friendly set-up software
- 19" 6U rack
- AC power supply (230Vac) (12Vdc)

DISCLAIMER: AMG Microwave reserves the right to make modifications to the design and characteristics of this product at any time and without prior notice.
document reference: AMG043-010-1

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