

Validation dipole

The validation dipoles are used to check that the entire measurement chain functions correctly, according to the standards:

For SAR measurement:

- One frequency band corresponds to each dipole.
- Each dipole is totally symmetrical (made with 10/4 balaun).
- signals are sent through dipoles in order to make measurements with phantom filled with human equivalent liquid.

For HAC measurement:

- For HAC, three broadband dipoles are available.



Main features

Product category

- Dipole, Validation antenna

Function

- Validates the setup of the system, system check

User profile

- SAR and HAC bench users

Related standard:

- IEEE 1528; FCC OET Bulletin 65 (Ed. 97-01) supplement C and all related KDB; IEC 62209-1/ IEC 62209-2; EN 50361:2001; ANSI C63.19

Related equipment:

- COMOSAR bench, HAC bench, handset positioning system

SAR DIPOLES

Technical & mechanical characteristics

Frequencies	300, 450, 750, 835, 900, 1450, 1500, 1640, 1750, 1800, 1900, 1950, 2000, 2100, 2300, 2450, 2600, 3000, 3500, 3700, 6000 MHz
Adaptation	S11 < -20 dB in specified validation Position
Connectors	SMA-f
Dimensions	Length depends on dipole frequency

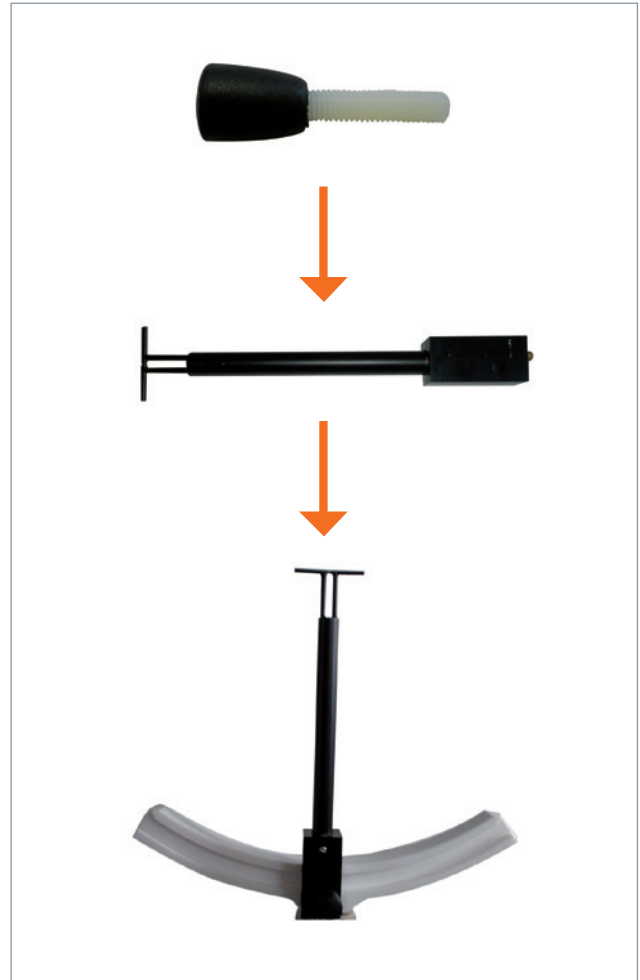
HAC DIPOLES

Technical & mechanical characteristics

Broadband dipoles	800-950 MHz, 1700-2000 MHz and 2000-2650 MHz
Adaptation	S11 < -10 dB in specified validation Position
Connectors	SMA
Dimensions	Length depends on dipole frequency



The dipoles can be easily fixed to the MVG device positioning system.



Contact your local sales representative for more information

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