

Optimized R&S TS7124 RF shielded box reliably tests the radio interfaces of wireless devices during production

The new R&S TS7124 RF shielded box from Rohde & Schwarz offers the best shielding effectiveness, the largest interior dimensions and the most flexible antenna configurations in its class. It provides reliable, reproducible measurement results in a shielded test environment, especially during the production of wireless devices.

Munich, November 11, 2015 — Shielded RF test boxes are essential for testing the radio interfaces of wireless devices because they provide a test environment that is free from interference and other unwanted emissions. The R&S TS7124 RF shielded box is the latest addition to the Rohde & Schwarz R&S TS712x family. Unique in its class, the R&S TS7124 offers shielding in excess of 80 dB at 6 GHz. Its frequency range from 300 MHz to 6 GHz makes the R&S TS7124 suitable for a variety of wireless communications applications, such as detecting production errors in mobile devices or antenna pattern errors, performing end-to-end tests on WLAN routers, or testing radar sensors in automobiles.

The R&S TS7124 can be installed in a 19" rack. The interior dimensions of 300 mm x 334 mm x 480 mm (W x H x D) offer sufficient space for testing even large DUTs. The box can also be equipped with an antenna ring for the placement of multiple antennas. Users can flexibly create their own radiation patterns and measure the radiated power for selected orientations. The new, optionally available Vivaldi antennas ensure reliable and reproducible measurements.

The R&S TS7124 can be used in the development lab, but is particularly suited for the production line with its automatic or manual open and close functionality. Its robust design permits more than a million open and close cycles without any impact on the shielding effectiveness. The special "soft close" feature makes additional protection during automated operation unnecessary.

The R&S TS7124 RF shielded box will be available from Rohde & Schwarz starting in December.

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Rohde & Schwarz

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