

**Testing —
use cases
in flexible
geo —
metrics.**



RF Canopy Lab.

Improving in-flight connectivity.

In-flight connectivity often doesn't deliver what it promises, either for the passenger using it, or for the airline providing it.

To address on-board connectivity issues, umlaut has developed a way to simulate and test the performance of any planned system to verify wireless multi-passenger configurations.

The "RF Canopy Lab" is a chamber constructed from aluminum-coated foil, which can be adjusted to precisely mirror the individual shape and geometry of any cabin that is to be examined. It simulates reflections from radio waves on the aircraft skin, equally keeping any RF disturbance off the canopy.

umlaut provides all the technical insights necessary to assess performance, detect weaknesses and develop custom upgrade solutions to take in-flight connectivity to an altitude where it works in both the passengers' and the airlines' favour.

www.umlaut.com

bernd.knoebe@umlaut.com · stuart.royle@umlaut.com

