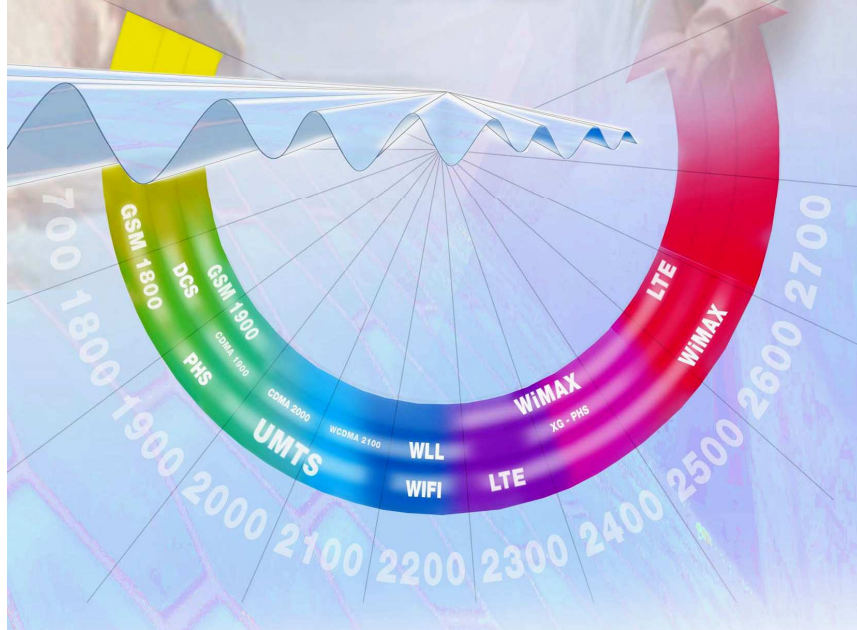


Customer Information

**Ultra Broadband Antenna
Technology from Kathrein:
1710-2690 MHz**



KATHREIN are pleased to announce the introduction of a new family of ultra broadband antennas. The fixed tilt version, **80010471**, is already available, and the scheduled product launch of an adjustable tilt model, **80010621**, will be during 1st quarter 2009. Further models, including dual-, triple & quad-band antennas will follow.

Application

The allocation of new and additional frequency bands together with the implementation of new mobile technologies presents huge growth opportunities for mobile operators. However, the existing RF-infrastructure rarely accommodates the new frequency bandwidth requirements, thereby creating the need for intensive redesign and re-deployment of the mobile network.

KATHREIN have created ultra broadband antenna technology which allows deployment of a single antenna, thereby covering not only existing network requirements in the 1710-2170 MHz bandwidth, but also next generation networks such as WiMAX 2.5 and LTE 2.6.

Customer Benefits

- + Ultra broadband antenna with a frequency range of **1GHz** (1710-2690 MHz)
 - ➔ Protection of investment for future technologies
- + Adjustable tilt version with excellent electrical parameters
 - ➔ E.g. Enhanced Sidelobe Suppression 18dB
- + Size and visual appearance equivalent to existing highband antennas
 - ➔ Simplifying swap-out
- + One antenna for multiple wireless technologies
 - ➔ Easing site approval procedures, increasing flexibility
- + Costs reduction through just one antenna in type approvals, logistics, installation and service upgrades

- Please contact your local KATHREIN partner for any further queries you may have
or mail to antennas.mobilcom@kathrein.de -