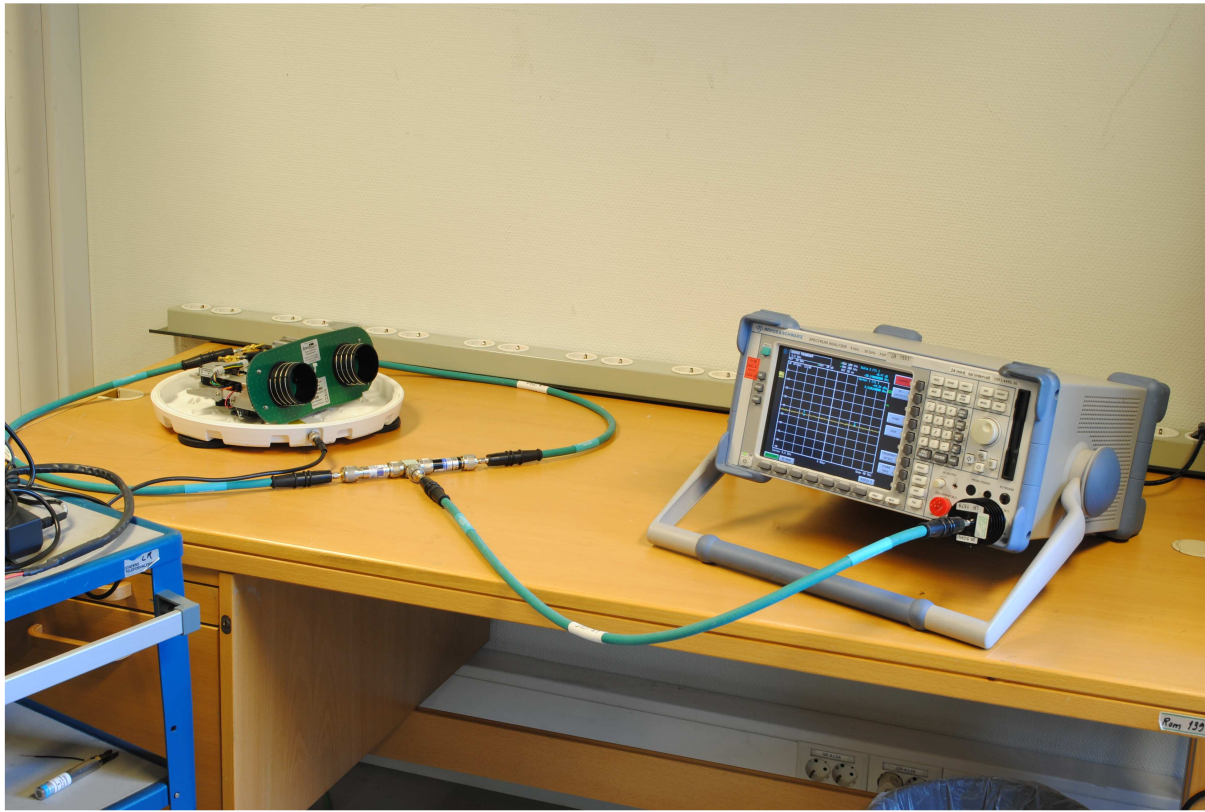


Test Setups:



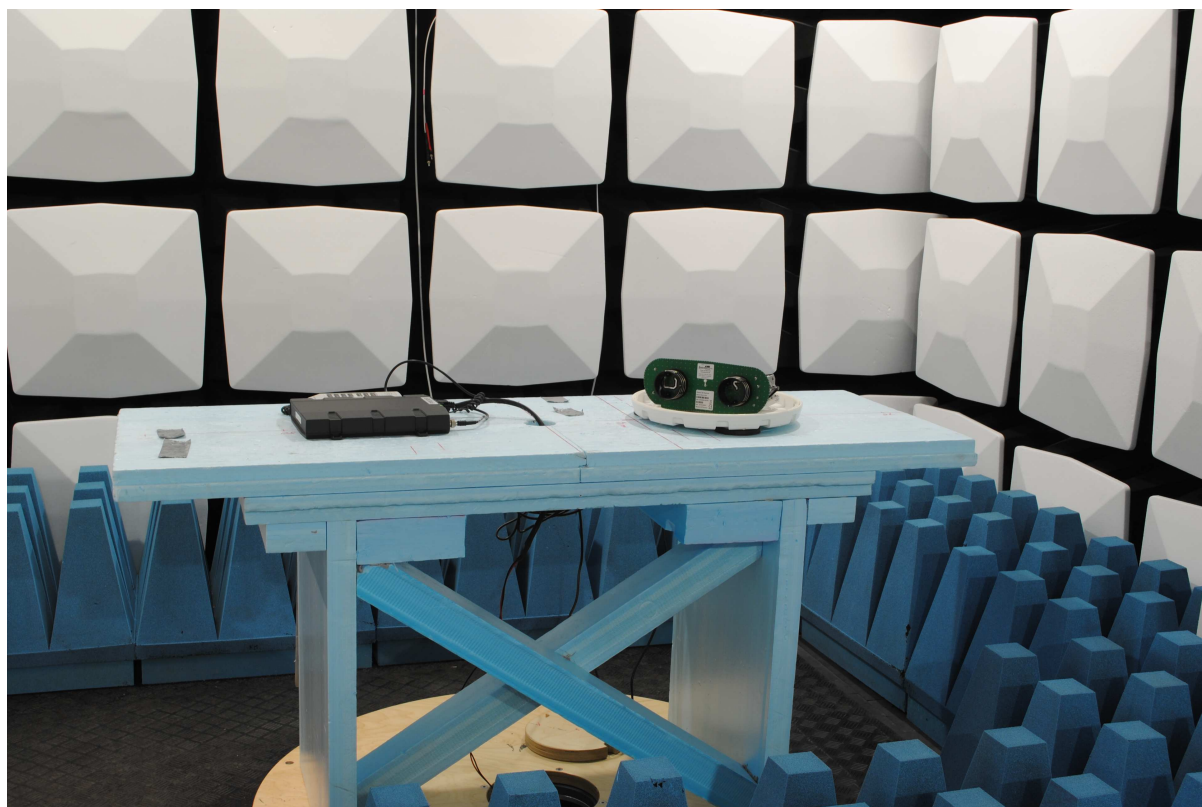
Test setup for conducted measurements:

The antenna has two elements and is fed by two high-power outputs. In order to facilitate efficient measurement the two outputs were tested together by the means of cables, attenuators, and a wideband combiner.

After this notch filter, high-pass filter or additional attenuators were used.

With correct matching of these elements an amplitude difference of less than 0.5 dB was achieved up to 3.5 GHz, less than 1.0 dB up to 7.5 GHz and less than 3 dB up to 18 GHz.

Phase difference was less than 10 deg up to 7.5 GHz (linearly increasing), and less than 30 deg up to 18 GHz, this was measured before and after tests were performed.



Test setup for radiated emissions:

The output from high-power outputs of the antenna was connected to artificial loads during test.