

CertMT
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RE: FCC ID: QTKRM-79_ATCB003061

Attention: Mr. Dennis Ward

Here are the replies to your comments.

1. Please specify what is meant by worst case emission mode. Is this related to whole application (both BT and cellular) or just a specific part of it?
2. The test report template always includes both WCDMA bands for easier filling. In case the WCDMA850 is not included in the EUT (as in this case), the results are not listed on the following pages. The operational bands are always listed under "EUT and accessory information" on page 2 of the report.
3. Two samples have been used in SAR testing.

For Head SAR measurements:

'Slide closed' mode gave clearly higher SAR values than 'Slide open'; the sample with the higher power (18.6dBm vs. 17.5dBm) in 'Slide closed' mode was chosen.

For Body SAR measurements:

The sample with the higher power in the middle channel with 'Slide closed' was chosen for these tests. The results were clearly below 0.8W/kg and only middle channel measurements were mandatory even though Nokia voluntarily chose to measure the top and bottom channels.

4. The tested device supports R99 WCDMA standard but it does not support multicode uplink transmission specified in the standard. All transmission modes from this device have the same PAR (Peak-to-Average Ratio) due to complex scrambling. A feedback loop, which includes a power detector at the output of the Power Amplifier, keeps the time-averaged output power the same for all transmission modes having the same PAR. As a consequence, there is no SAR difference between any of the WCDMA transmission modes from this device.

With regards



Ernest Mayer