NOKIA

10 April 2002

RE: FCC ID: LJPNKW-1

SAR

1. Difference between the measured relative permittivity and the reference permittivity was a human error. Measured permittivity was only checked to be within +/-5% of the IEEE std 1528 target value. Tissue simulant containing more water should have been used. Therefore now according to IEEE 1528 measured RF exposure results are supposedly slightly higher than if dielectric parameters had been fixed within 5% of values taken in the system accuracy verification.

2. Crest factor is defined in the DASY3 system as the relation between peak power and average power of a signal. These factors are commonly used in RF exposure testing. For example in the AMPS mode peak power is equal to average power resulting crest factor of 1. In operating modes, where time frame is divided into several slots, crest factor is 1/duty cycle (IS-136-> 3, GSM-> 8)

EMC

1. Presented data was preprocessed to save some space in test report. Measured field strength values for tested device and substitution antenna are presented in the table below.

Mode	Frequency, MHz	Field strength level dBuV/m, LJPNKW-1, E_T	Field strength level dBuV/m, substitution antenna, E_S
AMPS	824.04	87.0	63.7
	836.40	85.8	60.7
	848.97	87.2	63.0
TDMA-800	824.04	90.7	67.7
	836.40	90.3	65.8
	848.97	92.0	67.2
TDMA-1900	1850.04	94.8	68.7
	1879.98	95.8	67.7
	1909.92	95.0	67.2

Level column shows conducted RF power fed into substitution antenna.

2. Amended test report page has been uploaded as a new exhibit.