# Telecell Mobile (H.K) Ltd.

Rated Peak RF power output:

#### GSM850: $33\pm1$ dBm

GPRS Multi-Slot Class 8(1 uplink):  $33\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 10(2 uplink):  $32\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 11(3 uplink):  $30\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 12(4 uplink):  $29\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 8(1 uplink):  $33\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 10(2 uplink):  $32\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 11(3 uplink):  $30\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 12(4 uplink):  $29\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 8(1 uplink):  $29\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 8(1 uplink):  $26\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 10(2 uplink):  $25\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 11(3 uplink):  $23\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 12(4 uplink):  $22\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 12(4 uplink):  $22\pm 1 \text{ dBm}$ 

#### GSM 1900: 28±1 dBm

GPRS Multi-Slot Class 8(1 uplink):  $28\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 10(2 uplink):  $27\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 11(3 uplink):  $26\pm 1 \text{ dBm}$  GPRS Multi-Slot Class 12(4 uplink):  $26\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 8(1 uplink):  $29\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 10(2 uplink):  $28\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 11(3 uplink):  $27\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 12(4 uplink):  $26\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 8(1 uplink):  $26\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 8(1 uplink):  $24\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 10(2 uplink):  $24\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 11(3 uplink):  $23\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 12(4 uplink):  $23\pm 1 \text{ dBm}$  EGPRS Multi-Slot Class 12(4 uplink):  $22\pm 1 \text{ dBm}$ 

#### WCDMA Band V: 22±1 dBm

HSDPA Subtest1:  $21.3\pm1$  dBm HSDPA Subtest2:  $21.3\pm1$  dBm HSDPA Subtest3:  $21.3\pm1$  dBm HSDPA Subtest4:  $21.3\pm1$  dBm HSUPA Subtest1:  $21.3\pm1$  dBm HSUPA Subtest2:  $21.3\pm1$  dBm HSUPA Subtest3:  $21.3\pm1$  dBm HSUPA Subtest4:  $21.3\pm1$  dBm HSUPA Subtest5:  $21.3\pm1$  dBm

#### WCDMA Band I I: 22±1 dBm

HSDPA Subtest1:21.3 $\pm$ 1 dBm HSDPA Subtest2:  $21.3 \pm 1$  dBm HSDPA Subtest3:  $21.3 \pm 1$  dBm HSDPA Subtest4:  $21.3 \pm 1$  dBm HSUPA Subtest1:  $21.3 \pm 1$  dBm HSUPA Subtest2: 21.3 ± 1 dBm HSUPA Subtest3:  $21.3 \pm 1$  dBm HSUPA Subtest4:  $21.3 \pm 1$  dBm HSUPA Subtest5:  $21.3 \pm 1$  dBm HSDPA Subtest1:21.3 $\pm$ 1 dBm

## WCDMA Band IV: 22 ± 1 dBm

HSDPA Subtest2:  $21.3 \pm 1$  dBm HSDPA Subtest3:  $21.3 \pm 1$  dBm HSDPA Subtest4:  $21.3 \pm 1$  dBm HSUPA Subtest1: 21.3 ± 1 dBm HSUPA Subtest2:  $21.3 \pm 1$  dBm HSUPA Subtest3:  $21.3 \pm 1$  dBm HSUPA Subtest4:  $21.3 \pm 1$  dBm HSUPA Subtest5:  $21.3 \pm 1$  dBm

# WIFI Mode (2.4G):

 $802.11b:8 \pm 1 dBm$ 

 $802.11g:8 \pm 1 dBm$ 

802.11Nht20:  $8 \pm 1$  dBm

802.11Nht40:  $8 \pm 1$  dBm

#### Bluetooth:

GFSK:-1 $\pm$ 1dBm

 $|/4DQPSK: -2 \pm 1dBm|$ 8DPSK:  $-2 \pm 1$ dBm

#### BLE MeasurementResult:

 $GFSK:-2\pm 1dBm$ 

#### LTE Band II:

#### BW Ch Mode Tune up (MHz) Power 21.6±1 20MHz 18700 QPSK 22.1±1 16QAM 18900 22.1±1 QPSK 16QAM 22.1±1 21.7±1 19100 **QPSK** 21.7±1 16QAM 15MHz 18675 QPSK 21.6±1 16QAM 21.3±1 18900 22.8±1 **QPSK** 21.7±1 16QAM 19125 **QPSK** 22.7±1 21.6±1 16QAM 10MHz 18650 QPSK 21.6±1 21.3±1 16QAM 18900 QPSK 22.6±1 16QAM 21.6±1 19150 QPSK 22.3±1 16QAM 21.5±1 5MHz 18625 QPSK 22.2±1 16QAM 23.2±1 18900 QPSK 22.6±1 16QAM 21.8±1 19175 QPSK 21.6±1 21.3±1 16QAM 3MHz 18625 **QPSK** 21.6±1 16QAM 21.8±1 18900 QPSK 21.4±1 22.2±1 16QAM 22.3±1 19175 **QPSK** 21.3±1 16QAM 1.4MHz **QPSK** 22.7±1 18607 23.1±1 16QAM 22.7±1 18900 **QPSK** 16QAM 21.6±1 19193 QPSK 22.7±1 16QAM 21.6±1

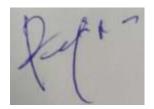
### LTE Band IV:

BW	Ch	Mode	Tune up
(MHz)			Power
20MHz	20050	QPSK	22±1
		16QAM	22±1
	20175	QPSK	22.2±1
		16QAM	22.3±1
	20300	QPSK	21.8±1
		16QAM	21.8±1
15MHz	20025	QPSK	21.6±1
		16QAM	21.9±1
	20175	QPSK	22.2±1
		16QAM	22.3±1
	20325	QPSK	21.5±1
		16QAM	21.3±1
10MHz	20000	QPSK	21.6±1
		16QAM	21.9±1
	20175	QPSK	22.3±1
		16QAM	22.3±1
	20350	QPSK	22.2±1
		16QAM	22.2±1
5MHz	20000	QPSK	22±1
		16QAM	22±1
	20175	QPSK	22.2±1
		16QAM	22.3±1
	20350	QPSK	22.2±1
		16QAM	22.1±1
3MHz	19965	QPSK	21.4±1
		16QAM	21.3±1
	20175	QPSK	21.9±1
		16QAM	22.1±1
	20385	QPSK	22.1±1
		16QAM	22.2±1
1.4MHz	19957	QPSK	21.6±1
		16QAM	21.9±1
	20175	QPSK	22.1±1
		16QAM	22.1±1
	20393	QPSK	21.7±1
		16QAM	21.3±1

Then these appropriate rated RF output power settings are stored in each device

individually. The user has no possibility to change these settings later on, and during manufacturing each device will be individual calibrated. The measurement is done in fully calibrated setup, which is based on the base station simulator. Furthermore, the highest power level is verified afterwards in a call measurement on three channels (low, middle and high).

Sincerely,



#### Client's signature:

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