

# 1. OUTPUT POWER VERIFICATION

## 1.1. UMTS RELEASE 99

### Rel 99 (12.2kps RMC)

Band	Mode	UL Ch No.	DL Ch No.	f (MHz)	Measured O/P Power (dBm)
UMTS850 (Band V)	Rel 99 12.2kps RMC	4132	4357	826.4	24.51
		4182	4407	836.4	24.52
		4233	4458	846.6	24.51
UMTS1900 (Band II)	Rel 99 12.2kps RMC	9262	9662	1852.4	24.19
		9400	9800	1880.0	24.43
		9538	9938	1907.6	24.10

## 1.2. CDMA2000 1xRTT

Band	FWD RC/TAP	REV RC/TAP	Channel	f (MHz)	Measured O/P Power (dBm)
Cellular	RC3	RC3 (SO55)	1013	824.70	24.76
			384	836.52	24.55
			777	848.31	24.63
PCS	RC3	RC3 (SO55)	25	1851.25	24.70
			600	1880.00	24.59
			1175	1908.75	24.64

## 1.3. CDMA200 1xEv-Do

### 1.3.1. Rel 0

Band	FTAP Rate	RTAP Rate	Channel	f (MHz)	Measured O/P Power (dBm)
Cellular	307.2 kbps (2 slot, QPSK)	76.8 kbps	1013	824.70	24.12
			384	836.52	24.50
			777	848.31	24.21
PCS	307.2 kbps (2 slot, QPSK)	76.8 kbps	25	1851.25	24.53
			600	1880.00	24.55
			1175	1908.75	24.25

### 1.3.2. Rev A

Band	FETAP Traffic Format	RETAP Data Payload Size	Channel	f (MHz)	Measured O/P Power (dBm)
Cellular	307.2 k, QPSK/ ACK channel is transmitted at all the slots	4096	1013	824.70	24.12
			384	836.52	24.22
			777	848.31	24.35
PCS	307.2 k, QPSK/ ACK channel is transmitted at all the slots	4096	25	1851.25	23.95
			600	1880.00	24.26
			1175	1908.75	24.27

### 1.4. (E)GPRS

#### \*GPRS (GMSK) - Coding Scheme: MCS4

Band	Ch No.	Frequency (MHz)	Measured Conducted output power (dBm)			
			1 slot	2 slot	3 slot	4 slot
GSM850	128	824.2	<b>32.50</b>	n/a	n/a	n/a
	190	836.6	<b>32.61</b>	n/a	n/a	n/a
	251	848.8	<b>32.35</b>	n/a	n/a	n/a
GSM1900	512	1850.2	<b>29.51</b>	n/a	n/a	n/a
	661	1880	<b>29.31</b>	n/a	n/a	n/a
	810	1909.8	<b>29.20</b>	n/a	n/a	n/a

#### EGPRS (8PSK) - Coding Scheme: MCS9

Band	Ch No.	Frequency (MHz)	Measured Conducted output power (dBm)			
			1 slot	2 slot	3 slot	4 slot
GSM850	128	824.2	27.55	n/a	n/a	n/a
	190	836.6	27.58	n/a	n/a	n/a
	251	848.8	27.48	n/a	n/a	n/a
GSM1900	512	1850.2	26.00	n/a	n/a	n/a
	661	1880	26.38	n/a	n/a	n/a
	810	1909.8	26.27	n/a	n/a	n/a

\*The GPRS mode is determined as the worst case with highest output power after the investigation.