



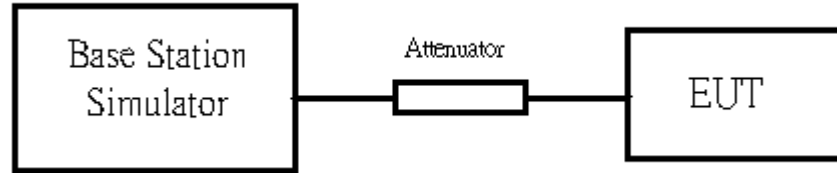
Appendix F - FCC 3G SAR Measurement Procedures

Conducted Output Power:

The EUT was tested according to the requirements of the FCC 3G procedures and the 3.1.2.3.4.
A detailed analysis of the output power verification is provided as the table below:

Function Type	Reverse Traffic Channel	Test Mode	Radio Configuration		Service Option	Data Rates (kbps)	Power Control	Low Ch	Midd Ch	High Ch
			Forward Traffic Channel (Fwd)	Reverse Traffic Channel (Rvs)				1013	384	777
CDMA2000 Cellular	FCH	1	1	1	55	Full	All Up	20.02	18.12	18.65
		3	3	3	55	Full	All Up	20.12	18.20	18.73
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	19.84	18.07	18.68

CDMA2000 Setup Configuration:



Setup Configuration

1. The EUT was connected to Base Station, Agilent 8960. Refer to the drawing of Setup Configuration.
2. The RF path losses were compensated into the measurements.
3. A call was established between EUT and Base Station with following setting:
 - a. Set the test mode1 and test mode 3.
 - b. Set the Power control All Up for (FCH) and (FCH+SCH).
4. The transmitted maximum output power was recorded.

Call Setup Screen									
Call Control	Active Cell Operating Mode							Call Parm's	
	Mobile Station Information ESN (Hex):0x6C32D3AE ESN (Dec):108-03330990 NCC: NMC: NSIN:3163712588 Slot Class:Slotted Slot Cycle Index:2							Cell Power -86.00 dBm/1.23 MHz Cell Band US PCS Channel 1175 Protocol Rev 6 (IS-2000) Radio Config (Fud1, Rvs1) S055 (Loopback) FCH Service Option Setup	
	FCH Service Option Setup					Value			
	Service Option for Fud1, Rvs1					S055 (Loopback)			
	Service Option for Fud2, Rvs2					S09 (Loopback)			
	Service Option for Fud3, Rvs3					S032 (+ SCH)			
	Service Option for Fud4, Rvs3					S055 (Loopback)			
	Service Option for Fud5, Rvs4					S055 (Loopback)			
Close Menu									
Background		Active Cell Idle			Sys Type: IS-2000				
			IntRef	Offset				1 of 3	

Test Mode 1 in Radio Configuration 1 (FCH)

Call Setup Screen									
Call Control		Active Cell Operating Mode						Call Parmns	
Operating Mode		Mobile Station Information ESN (Hex): 0x6C32D3AE ESN (Dec): 108-03330990 MCC: MNC: MSIN: 3163712588 Slot Class: Slotted Slot Cycle Index: 2 Protocol Revision: 6 (IS-2000_Rev0) Band Class: US Cell, US PCS Radio Config Max EIRP (dBm) (Fud1, Rvs1) Registration (Fud2, Rvs2) QPCH Support (Fud3, Rvs3) Enhanced RC (Fud4, Rvs3) Min Power Co (Fud5, Rvs4) MS Called Pa						Cell Power	
Active Cell								-86.00	
System Type								dBm/1.23 MHz	
IS-2000								Cell Band	
								US PCS	
End Call								Channel	
								1175	
Paging INSI Setup								Protocol Rev	
								6 (IS-2000)	
Handoff Setup								Radio Config	
								(Fud3, Rvs3)	
								S032 (+ SCH)	
								FCH Service Option Setup	
Background		Active Cell				Sys Type: IS-2000			
		Connected + Data							
1 of 2		IntRef		Offset				1 of 3	

Test Mode 3 in Radio Configuration 3 (Service Option32)

Reference:

- [1] SAR Measurement Procedures for 3G Devices CDMA 2000/Ev-Do/WCDMA/HSDPA, June 2006
Laboratory Division Office of Engineering and Technology Federal Communications Commission
- [2] 3.1.2.3.4 Maximum RF Output Power 3GPP2 C.S0033-0 Version 2.0, Date: 12 December 2003
Recommended Minimum Performance Standards for cdma2000 High Rate Packet Data Access
Terminal