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.
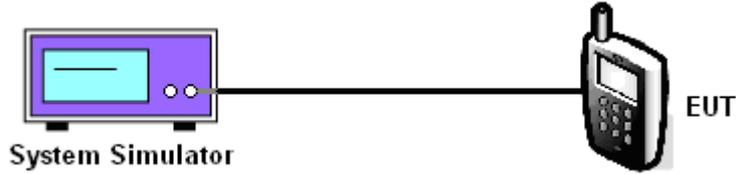A detailed analysis of the output power verification is provided as the table below:

| 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 BC0	FCH	1	1	1	55	Full	All Up	23.78	24.05	23.75
		3	3	3	55	Full	All Up	23.83	24.09	23.78
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	23.68	24.02	23.65

| 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)				25	600	1175
CDMA2000 BC1	FCH	1	1	1	55	Full	All Up	23.46	23.47	23.61
		3	3	3	55	Full	All Up	23.53	23.50	23.54
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	23.42	23.55	23.60

| 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)				1215	1225	1275
CDMA2000 BC14 (G Block)	FCH	1	1	1	55	Full	All Up	23.24	23.17	22.89
		3	3	3	55	Full	All Up	23.07	23.03	22.81
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	22.96	22.95	22.74

| 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)				25	425	875
CDMA2000 BC15	FCH	1	1	1	55	Full	All Up	23.38	23.56	23.46
		3	3	3	55	Full	All Up	23.29	23.48	23.41
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	23.28	23.39	23.27

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CDMA2000 Setup Configuration:

Setup Configuration

1. The EUT was connected to System Simulator, 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 System Simulator with following setting:

   a. Set the Radio Configuration to test mode1 or test mode 3

   b. Set the Service Option to SO55 or SO32

   c. Set the Power Control to All Up for (FCH) and (FCH+SCH)

4. The transmitted maximum output power was recorded.

Test Mode 1 in Radio Configuration 1 with Service Option 55

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Test Mode 3 in Radio Configuration 3 with Service Option 55

Test Mode 3 in Radio Configuration 3 with Service Option 32

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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