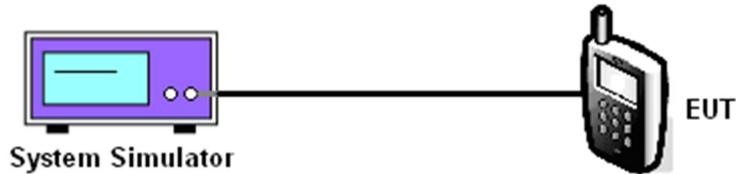# *Appendix E. FCC 3G SAR Measurement Procedures*

The EUT was tested according to the requirements of the FCC 3G procedures and the 3.1.2.3.4.

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. For 1xRTT, set the Radio Configuration and the Service Option

     b. For 1xEV-DO, set the Protocol Release and Data Rate

     c. Set the Power Control to All Up Bits

4. The transmitted maximum output power was recorded.

1xRTT setting for Radio Configuration 1 with Service Option 55

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1xRTT setting for Radio Configuration 3 with Service Option 55

1xRTT setting for Radio Configuration 3 with Service Option 32

1xEV-DO setting for Protocol Release (Rev.0 or Rev.A)

1xEV-DO setting for RTAP data rate (9.6 or 38.4 or 153.6 kbps)

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1xEV-DO setting for RETAP data rate (128 or 2048 or 12288 kbps)

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