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 | | | | | Low Ch | Mid. Ch | High Ch |
|----------------------|-------------------------------|-----------|-------------------------------------|---------|-------------------|----------------------|------------------|--------|---------|---------|
| | | | Forward Traffic Channel (Fwd) | Traffic | Service Option | Data Rates (kbps) | Power Control | 1013 | 384 | 777 |
| CDMA2000 Cellular | FCH | 1 | 1 | 1 | 55 | Full | All Up | 24.04 | 23.86 | 23.95 |
| | | 3 | 3 | 3 | 55 | Full | All Up | 23.93 | 23.68 | 23.82 |
| | FCH+SCH | 3 | 3 | 3 | 32 | FCH:Full,SCH 9.6 | All Up | 23.92 | 23.74 | 23.99 |

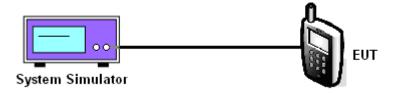
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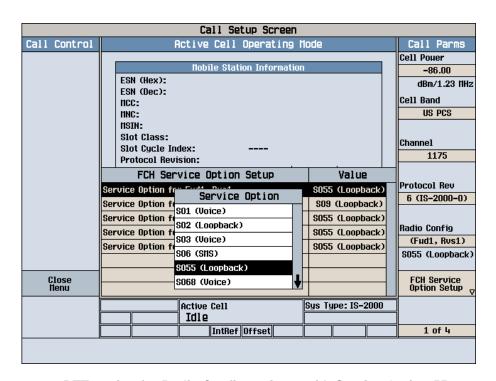
Report No.: FA151009A

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.



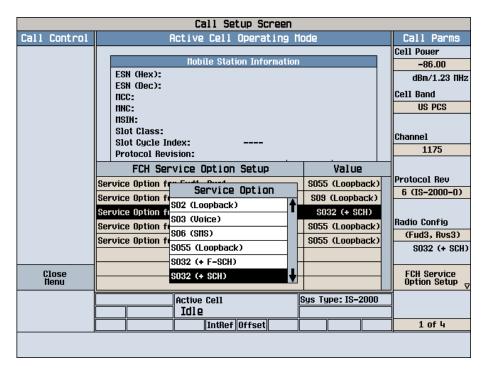
1xRTT setting for Radio Configuration 1 with Service Option 55

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Call Setup Screen Call Control Active Cell Operating Mode Call Parms Mobile Station Information -86.00 ESN (Hex): dBm/1.23 MHz ESN (Dec): Cell Band ncc: US PCS HNC: MSIN: Slot Class: Channel Slot Cucle Index: 1175 Protocol Revision: FCH Service Option Setup Value Protocol Rev Service Option fo S055 (Loopback) Service Option 6 (IS-2000-0) Service Option fo 909 (Loopback) SO1 (Voice) Service Option f \$055 (Loopback) SO2 (Loopback) Radio Config Service Option f S055 (Loopback) SO3 (Voice) (Fud3, Rvs3) 9055 (Loopback) Service Option f S06 (SNS) S055 (Loopback) 8055 (Loopback) FCH Service Option Setup Close Henu S032 (+ F-SCH) Sys Type: IS-2000 Active Cell Idle IntRef Offset 1 of 4

1xRTT setting for Radio Configuration 3 with Service Option 55



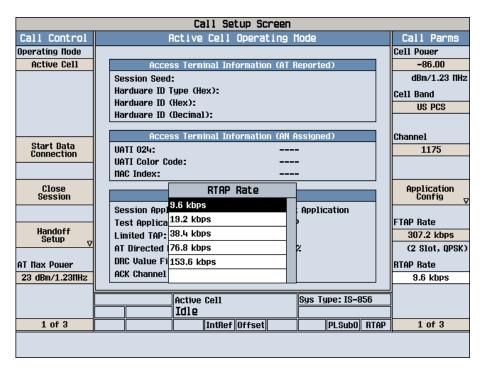
1xRTT setting for Radio Configuration 3 with Service Option 32

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Call Setup Screen Call Control Active Cell Operating Mode Call Parms Operating Mode Rvs Pouer Ctrl Active Cell Active bits Access Terminal Information (AT Reported) Session Seed: Harduare ID Type (Hex): Pur Ctrl Step Harduare ID (Hex): 1.0 dB Hardware ID (Decimal): Access Terminal Information (AN Assigned) Call Drop Timer Start Data Connection UATI 024: On **UATI Color Code:** MAC Index: Call Limit Mode Protocol Release Off Session Appl 0 (1xEV-00) **Application** Test Applica A (1xEV-DO-A) Protocol Rel Handoff Setup Limited TAP: B (1xEV-DO-B) 0 (1xEV-D0) **AT Directed** DRC Value F AT Max Pouer **ACK Channel** 23 dBm/1.23ffHz Active Cell Sus Tupe: IS-856 Idle 1 of 3 IntRef Offset PLSub0 RTAP 2 of 3

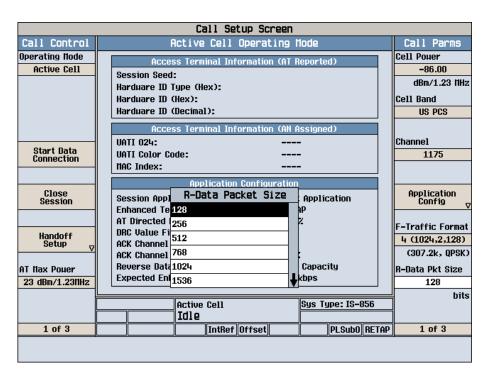
1xEV-DO setting for Protocol Release (Rev.0 or Rev.A)



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

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