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.

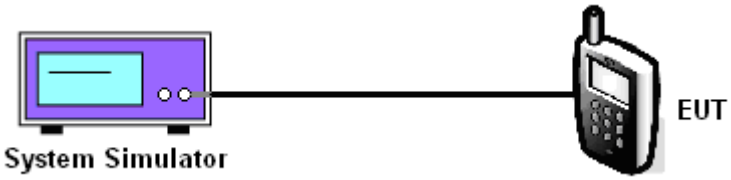
A detailed analysis of the output power verification is provided as the table below:

Function Type	Reverse Traffic Channel	Test Mode	Radio Configuration		Service Option	Data Rates (kbps)	Power Control	Low Ch	Mid. Ch	High Ch
			Forward Traffic Channel (Fwd)	Reverse Traffic Channel (Rvs)				1013	384	777
CDMA2000 Cellular	FCH	1	1	1	55	Full	All Up	23.56	23.75	23.59
		3	3	3	55	Full	All Up	23.75	23.85	23.66
		3	3	3	32	Full	All Up	23.66	23.77	23.65
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	23.46	23.69	23.54

Function Type	Reverse Traffic Channel	Test Mode	Radio Configuration		Service Option	Data Rates (kbps)	Power Control	Low Ch	Mid. Ch	High Ch
			Forward Traffic Channel (Fwd)	Reverse Traffic Channel (Rvs)				25	600	1175
CDMA2000 PCS	FCH	1	1	1	55	Full	All Up	24.56	24.68	24.15
		3	3	3	55	Full	All Up	24.52	24.63	24.44
		3	3	3	32	Full	All Up	24.66	24.70	24.36
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	24.63	24.61	24.38

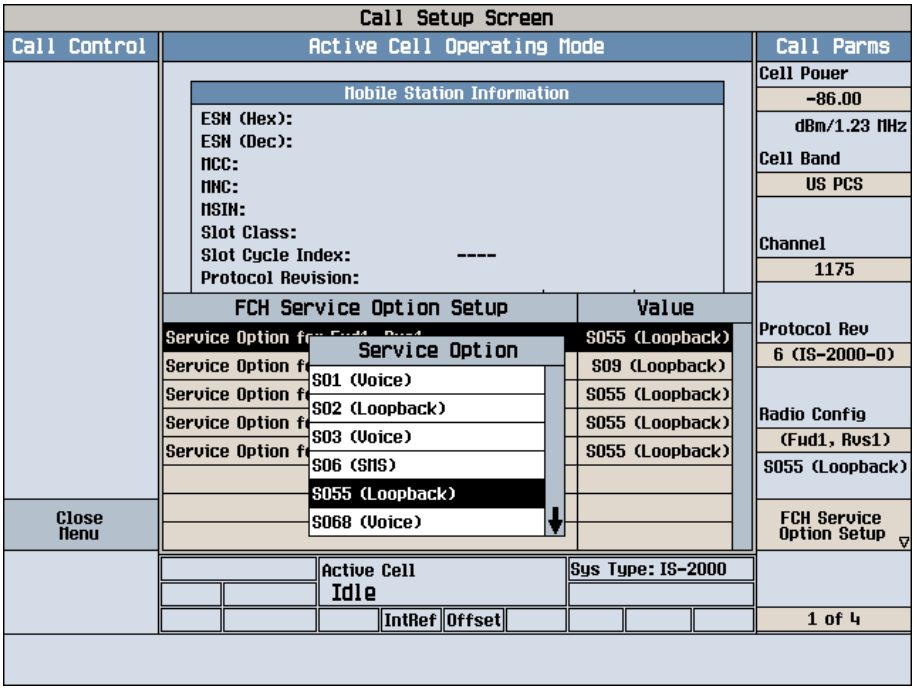
Function Type	Reverse Traffic Channel	Test Mode	Radio Configuration		Service Option	Data Rates (kbps)	Power Control	High Ch
			Forward Traffic Channel (Fwd)	Reverse Traffic Channel (Rvs)				1275
CDMA2000 BC14	FCH	1	1	1	55	Full	All Up	22.45
		3	3	3	55	Full	All Up	22.46
		3	3	3	32	Full	All Up	22.50
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	22.53

CDMA2000 Setup Configuration:

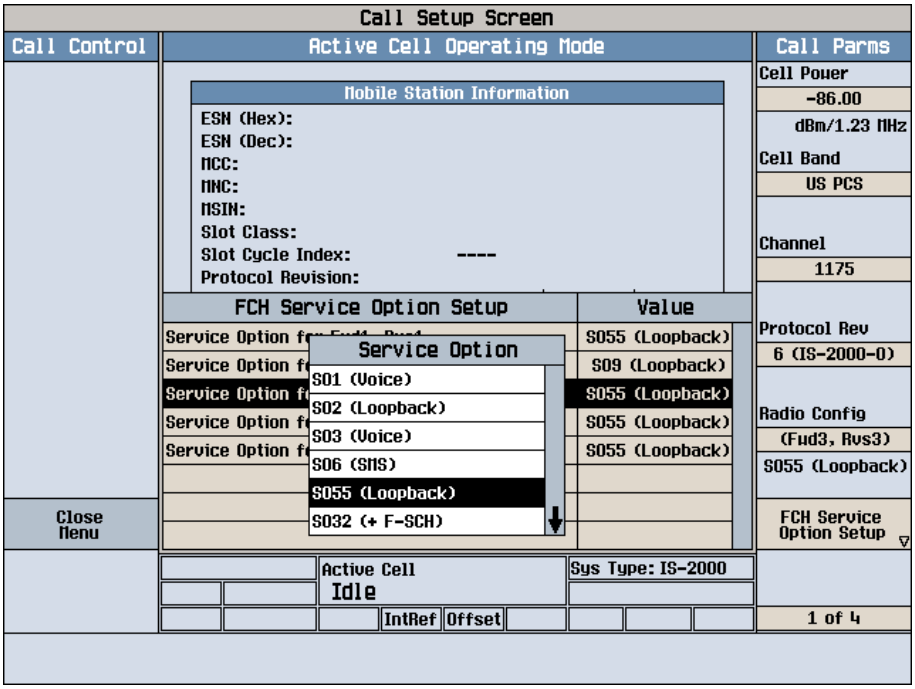


Setup Configuration

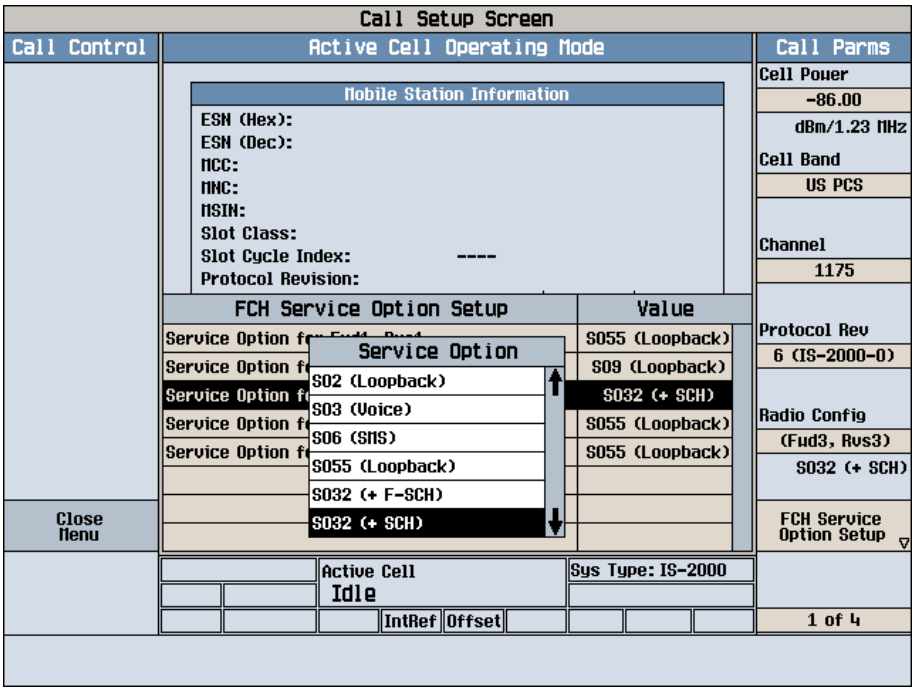
1. The EUT was connected to System Simulator, Agilent 8960. Refer to the drawing of Setup Configuration.
2. The RF path losses were compensated into the measurements.
3. A call was established between EUT and System Simulator with following setting:
   a. For 1xRTT, set the Radio Configuration and the 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



1xRTT setting for Radio Configuration 3 with Service Option 55



1xRTT setting for Radio Configuration 3 with Service Option 32

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