



Appendix F - FCC 3G SAR Measurement Procedures

1. WCDMA

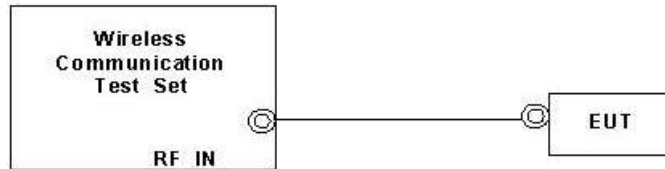
1.1 Conducted Output Power:

The PBA is fulfilled. The EUT was tested according to the requirements of the FCC 3G procedures and the TS 34.121. The EUT's WCDMA and HSPA function is Release 6 version supporting HSDPA Category 8, and HSUPA Category 5. A detailed analysis of the output power for all WCDMA, HSPDA, and HSPA (HSUPA&HSDPA) modes is provided in the tables below. According to the FCC 3G procedures, handsets with both HSDPA and HSUPA should be tested according to Release 6 HSPA test procedures, and the EUT does not support VOIP function over the HSPA function. Device was tested according to procedure KDB941225 - section Release 6 HSPA Data Devices as documented/evaluated in the following table. Power values for HSPA are less than ¼ dB higher than the basic 12.2 kbps RMC configurations in WCDMA.

WCDMA SAR Test mode - Conducted Power							
Mode	Setup	Cell band (850)			PCS band (1900)		
		CH4132	CH4182	CH4233	CH9262	CH9400	CH9538
		826.4 (MHz)	836.4 (MHz)	846.6 (MHz)	1852.4 (MHz)	1880.0 (MHz)	1907.6 (MHz)
R99 - WCDMA	RMC 12.2Kbps	24.12	24.11	24.12	24.04	24.08	23.83
R5 - HSDPA	HSDPA - subtest 1	24.04	23.98	23.96	23.94	24.07	23.73
	HSDPA - subtest 2	23.85	23.79	23.80	23.84	23.98	23.69
	HSDPA - subtest 3	23.37	23.28	23.33	23.41	23.58	23.51
	HSDPA - subtest 4	23.32	23.38	23.31	23.30	23.60	23.29
R6 - HSPA (HSUPA & HSDPA)	HSUPA - subtest 1	23.84	23.55	23.82	23.35	23.48	23.23
	HSUPA - subtest 2	22.18	22.13	22.02	22.06	21.93	21.86
	HSUPA - subtest 3	22.61	22.52	22.44	22.40	22.47	22.44
	HSUPA - subtest 4	22.23	22.19	22.14	22.17	22.82	22.04
	HSUPA - subtest 5	23.81	23.62	23.83	23.01	23.52	23.48

1.2 WCDMA Setup Configuration:

- a. The EUT was connected to Base Station referred to the drawing of Setup Configuration.
- b. The RF path losses were compensated into the measurements.
- c. A call was established between EUT and Base Station with following setting
 - i. Data rates: Varied from RMC 12.2Kbps
 - ii. RMC Test Loop=Loop Mode 1
 - iii. Power Ctrl Mode= All Up bits
- d. The transmitted maximum output power was recorded.



Setup Configuration

1.3 HSDPA Setup Configuration:

- a. The EUT was connected to Base Station referred to the drawing of Setup Configuration.
- b. The RF path losses were compensated into the measurements.
- c. A call was established between EUT and Base Station with following setting:
 - i. Set Gain Factors(β_c , and β_d) and parameters were set according to each
 - ii. Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
 - iii. Set RMC12.2Kbps + HSDPA mode
 - iv. Set Cell Power = -86 dBm
 - v. Set HS-DSCH Configuration Type to FRC (H-set 1, QPSK)
 - vi. Select HSDPA Uplink Parameters
 - vii. Set DeltaACK , DeltaNACK and DeltaCQI = 8
 - viii. Set Ack-Nack Repetition Factor to 3
 - ix. Set CQI Feedback Cycle (k) to 4 ms
 - x. Set CQI Repetition Factor to 2
 - xi. Power Ctrl Mode = All Up bits
- d. The transmitted maximum output power was recorded.

Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 (Note 4)	15/15 (Note 4)	64	12/15 (Note 4)	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK} , Δ_{NACK} and $\Delta_{CQI} = 30/15$ with $\beta_{HS} = 30/15 * \beta_c$.

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and $\Delta_{NACK} = 30/15$ with $\beta_{HS} = 30/15 * \beta_c$, and $\Delta_{CQI} = 24/15$ with $\beta_{HS} = 24/15 * \beta_c$.

Note 3: CM = 1 for $\beta_c/\beta_d = 12/15$, $\beta_{HS}/\beta_c = 24/15$. For all other combinations of DPDCCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 11/15$ and $\beta_d = 15/15$.

Setup Configuration

1.4 HSPA (HSUPA & HSPDA) Setup Configuration:

- a. The EUT was connected to Base Station referred to the drawing of Setup Configuration.
- b. The RF path losses were compensated into the measurements.
- c. A call was established between EUT and Base Station with following setting * :
 - i. Call Configs = 5.2B, 5.9B, 5.10B, and 5.13.2B with QPSK
 - ii. Set the Gain Factors (β_c and β_d) and parameters (AG Index) were set according to each specific sub-test in the following table, C11.1.3, quoted from the TS 34.121
 - iii. Set Cell Power = -86 dBm
 - iv. Set Channel Type = 12.2k + HSPA
 - v. Set UE Target Power
 - vi. Power Ctrl Mode = Alternating bits
 - vii. Set and observe the E-TFCl
 - viii. Confirm that E-TFCl is equal to the target E-TFCl of 75 for sub-test 1, and other subtest's E-TFCl
- d. The transmitted maximum output power was recorded.

Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1)	β_{ec}	β_{ed} (Note 5) (Note 6)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 6)	E-TFCl
1	11/15 (Note 3)	15/15 (Note 3)	64	11/15 (Note 3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1} : 47/15 β_{ed2} : 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15 (Note 4)	15/15 (Note 4)	64	15/15 (Note 4)	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Note 1: $\Delta_{ACK}, \Delta_{NACK}$ and $\Delta_{CQI} = 30/15$ with $\beta_{hs} = 30/15 * \beta_c$.

Note 2: CM = 1 for $\beta_c/\beta_d = 12/15, \beta_{hs}/\beta_c = 24/15$. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 10/15$ and $\beta_d = 15/15$.

Note 4: For subtest 5 the β_c/β_d ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$.

Note 5: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 6: β_{ed} can not be set directly, it is set by Absolute Grant Value.

Setup Configuration

Note: For details settings in the Agilent 8960 test equipment, please refer to the user guide “HSUPA Measurement Guide with 8960 V7.5.0 Release 7 (2007-06) Ver.: v.02.18”



Call Setup Screen																							
Call Control	Active Cell Operating Mode				Call Parms																		
Channel (UARFCH) Info	UE Information				Cell Power																		
	INSI: INEI: Power Class:				-86.00																		
Cell Parameters	UE Expected Open Loop Transmit Power				dBm/3.84 MHz																		
	Initial PRACH TX Power: -11.70 dBm Initial DPCCCH TX Power: -0.56 dBm				Channel Type																		
Generator Info	Uplink Parameters				12.2k + HSPA																		
	<table border="1"> <thead> <tr> <th>Uplink Parameters</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>PRACH Preambles</td> <td>64</td> </tr> <tr> <td>PRACH Ramping Cycles(MMAX)</td> <td>2</td> </tr> <tr> <td>Available Subchannels (Bit Mask)</td> <td>000000000001</td> </tr> <tr> <td>Uplink DPCH Scrambling Code</td> <td>0</td> </tr> <tr> <td>Uplink DPCH Bc/Bd Control</td> <td>Manual</td> </tr> <tr> <td>Manual Uplink DPCH Bc</td> <td>11</td> </tr> <tr> <td>Manual Uplink DPCH Bd</td> <td>15</td> </tr> <tr> <td>Maximum Uplink Transmit Power Level</td> <td>21 dBm</td> </tr> </tbody> </table>				Uplink Parameters	Value	PRACH Preambles	64	PRACH Ramping Cycles(MMAX)	2	Available Subchannels (Bit Mask)	000000000001	Uplink DPCH Scrambling Code	0	Uplink DPCH Bc/Bd Control	Manual	Manual Uplink DPCH Bc	11	Manual Uplink DPCH Bd	15	Maximum Uplink Transmit Power Level	21 dBm	Paging Service
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Uplink Parameters					RB Test Mode																		
					HSPA Parameters																		
UE Rep Params					34,121 Preset Call Configs																		
					Channel (UARFCH) Parms																		
Close Menu																							
			Active Cell		Sys Type: UTRA FDD																		
			Idle																				
2 of 4		IntRef		Offset																			
				1 of 3																			

Example for HSPA Subtest 1, and other subtests following table, C11.1.3 (Gain Factors ($\beta_c = 11$ and $\beta_d = 15$))

Call Setup Screen																							
Call Control	Active Cell Operating Mode				Serving Grant																		
Additional Screens	UE Information				AG Mode																		
	INSI: INEI: Power Class:				Single Shot																		
Cell Parameters	UE Expected Open Loop Transmit Power				Single Shot AG																		
	Initial PRACH TX Power: -11.70 dBm Initial DPCCCH TX Power: -0.56 dBm				20: (119/15)^2																		
Generator Info	Call Processing Status				Send Single Shot Absolute Grant																		
	<table border="1"> <thead> <tr> <th colspan="2">Current Service Type: Mode</th> </tr> </thead> <tbody> <tr> <td>MM Status:</td> <td>Abs Single Shot AG</td> </tr> <tr> <td>GMN State:</td> <td>Index 15: (67/15)^2</td> </tr> <tr> <td>Current DPCH</td> <td>Index 16: (75/15)^2</td> </tr> <tr> <td>HSUPA In</td> <td>Index 17: (84/15)^2</td> </tr> <tr> <td>UE Rep E-DCH</td> <td>Index 18: (95/15)^2</td> </tr> <tr> <td>Last Received</td> <td>Index 19: (106/15)^2</td> </tr> <tr> <td>Throughput:</td> <td>Index 20: (119/15)^2</td> </tr> <tr> <td>ACKs Transmitted:</td> <td></td> </tr> </tbody> </table>				Current Service Type: Mode		MM Status:	Abs Single Shot AG	GMN State:	Index 15: (67/15)^2	Current DPCH	Index 16: (75/15)^2	HSUPA In	Index 17: (84/15)^2	UE Rep E-DCH	Index 18: (95/15)^2	Last Received	Index 19: (106/15)^2	Throughput:	Index 20: (119/15)^2	ACKs Transmitted:		Send Relative Grant Up
Current Service Type: Mode																							
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ACKs Transmitted:																							
Uplink Parameters					Send Relative Grant Down																		
					Return																		
UE Rep Params																							
Trig Output Setup																							
Sys Frame Clock																							
			Active Cell		Sys Type: UTRA FDD																		
			Idle																				
2 of 4		IntRef		Offset																			
				1 of 2																			

Example: AG – Index = 20 for HSPA subtest 1



Call Setup Screen						
Screen Ctrl	Recorded E-TFCI Information					E-TFCI Record
Channel (UARFCN) Info	E-TFCI Recording State					E-TFCI Rec Count
	Idle					15
HSPA Information	Recorded E-TFCI Values					Start Recording E-TFCI Values
E-TFCI Recording Information	1: 75	11: 75	21: ----	31: ----	41: ----	Send Step Up TPC Bit Pattern Send Step Down TPC Bit Pattern Return
	2: 75	12: 75	22: ----	32: ----	42: ----	
	3: 75	13: 75	23: ----	33: ----	43: ----	
	4: 75	14: 75	24: ----	34: ----	44: ----	
	5: 75	15: 75	25: ----	35: ----	45: ----	
	6: 75	16: ----	26: ----	36: ----	46: ----	
	7: 75	17: ----	27: ----	37: ----	47: ----	
	8: 75	18: ----	28: ----	38: ----	48: ----	
	9: 75	19: ----	29: ----	39: ----	49: ----	
	10: 75	20: ----	30: ----	40: ----	50: ----	
Clear UE Info	15/15					
Return						Return
Background		Active Cell		Sys Type: UTRA FDD		
		Connected				
		IntRef	Offset			

Example: Confirm that E-TFCI is equal to the target E-TFCI of 75 for sub-test 1



2. CDMA2000

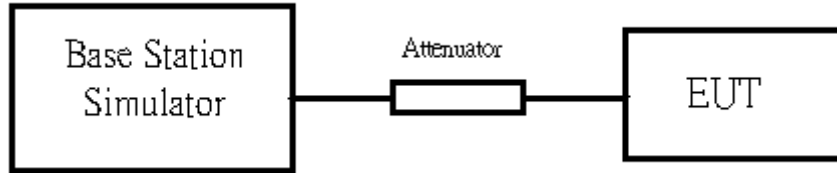
2.1 Conducted Output Power:

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	24.16	23.84	23.89
		3	3	3	55	Full	All Up	24.20	24.14	23.98
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	24.25	24.05	23.89
	EVDO Rev.0	Subtype:0				UL:9.6	All Up	23.75	23.65	23.62
	EVDO Rev.0	Subtype:0				UL:38.4	All Up	23.83	23.70	23.61
	EVDO Rev.0	Subtype:0				UL:153.6	All Up	23.90	23.57	23.62
	EVDO Rev.A	Subtype:0				RETAP_128Kbps	All Up	23.56	23.24	23.28
	EVDO Rev.A	Subtype:0				RETAP_2048Kbps	All Up	23.52	23.36	23.47
	EVDO Rev.A	Subtype:0				RETAP_12288Kbps	All Up	23.46	23.24	23.23

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 PCS	FCH	1	1	1	55	Full	All Up	24.17	24.51	24.20
		3	3	3	55	Full	All Up	24.13	24.53	24.22
	FCH+SCH	3	3	3	32	FCH:Full,SCH 9.6	All Up	24.12	24.56	24.17
	EVDO Rev.0	Subtype:0				UL:9.6	All Up	23.77	24.29	23.76
	EVDO Rev.0	Subtype:0				UL:38.4	All Up	23.89	24.32	23.87
	EVDO Rev.0	Subtype:0				UL:153.6	All Up	23.96	24.54	23.99
	EVDO Rev.A	Subtype:0				RETAP_128Kbps	All Up	23.54	24.09	23.40
	EVDO Rev.A	Subtype:0				RETAP_2048Kbps	All Up	23.61	24.18	23.56
	EVDO Rev.A	Subtype:0				RETAP_12288Kbps	All Up	23.68	24.19	23.45

2.2 CDMA2000 Setup Configuration:



Setup Configuration

2. The EUT was connected to Base Station, Agilent 8960. Refer to the drawing of Setup Configuration.
3. The RF path losses were compensated into the measurements.
4. 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)
5. The transmitted maximum output power was recorded.

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

Test Mode 1 in Radio Configuration 1 (FCH)



Call Setup Screen																						
Call Control	Active Cell Operating Mode	Call Params																				
Operating Mode	<table border="1"> <thead> <tr> <th colspan="2">Mobile Station Information</th> </tr> </thead> <tbody> <tr> <td>ESN (Hex):</td> <td>0x6C32D3AE</td> </tr> <tr> <td>ESN (Dec):</td> <td>108-03330990</td> </tr> <tr> <td>NCC:</td> <td></td> </tr> <tr> <td>NMC:</td> <td></td> </tr> <tr> <td>NSIN:</td> <td>3163712588</td> </tr> <tr> <td>Slot Class:</td> <td>Slotted</td> </tr> <tr> <td>Slot Cycle Index:</td> <td>2</td> </tr> <tr> <td>Protocol Revision:</td> <td>6 (IS-2000_Rev0)</td> </tr> <tr> <td>Band Class:</td> <td>US Cell US PCS</td> </tr> </tbody> </table>	Mobile Station Information		ESN (Hex):	0x6C32D3AE	ESN (Dec):	108-03330990	NCC:		NMC:		NSIN:	3163712588	Slot Class:	Slotted	Slot Cycle Index:	2	Protocol Revision:	6 (IS-2000_Rev0)	Band Class:	US Cell US PCS	Cell Power
Mobile Station Information																						
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Protocol Revision:		6 (IS-2000_Rev0)																				
Band Class:	US Cell US PCS																					
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																					
1 of 2	Connected + Data	1 of 3																				
	IntRef Offset																					

Test Mode 3 in Radio Configuration 3 (Service Option32)

Call Setup Screen																																				
Call Control	Active Cell Operating Mode	Call Params																																		
Operating Mode	<table border="1"> <thead> <tr> <th colspan="2">Access Terminal Information (AT Reported)</th> </tr> </thead> <tbody> <tr> <td>Session Seed:</td> <td>0x7722375A</td> </tr> <tr> <td>Hardware ID Type (Hex):</td> <td>0x010000 ESN</td> </tr> <tr> <td>Hardware ID (Hex):</td> <td>0x602D699F</td> </tr> <tr> <td>Hardware ID (Decimal):</td> <td>096-02976159</td> </tr> <tr> <th colspan="2">Access Terminal Information (AM Assigned)</th> </tr> <tr> <td>UATI Q24:</td> <td>2</td> </tr> <tr> <td>UATI Color Code:</td> <td>64</td> </tr> <tr> <td>NAC Index:</td> <td>5</td> </tr> <tr> <th colspan="2">Access Terminal Information (User Entered)</th> </tr> <tr> <td>AT Max Power:</td> <td>23 dBm/1.23 MHz</td> </tr> <tr> <th colspan="2">Application Configuration</th> </tr> <tr> <td>Session Application Type:</td> <td>Test Application</td> </tr> <tr> <td>Test Application Protocol:</td> <td>RTAP</td> </tr> <tr> <td>Limited TAP:</td> <td>Off</td> </tr> <tr> <td>AT Directed Packets:</td> <td>50 %</td> </tr> <tr> <td>ACK Channel Bit Fixed Mode Attribute:</td> <td>On</td> </tr> </tbody> </table>	Access Terminal Information (AT Reported)		Session Seed:	0x7722375A	Hardware ID Type (Hex):	0x010000 ESN	Hardware ID (Hex):	0x602D699F	Hardware ID (Decimal):	096-02976159	Access Terminal Information (AM Assigned)		UATI Q24:	2	UATI Color Code:	64	NAC Index:	5	Access Terminal Information (User Entered)		AT Max Power:	23 dBm/1.23 MHz	Application Configuration		Session Application Type:	Test Application	Test Application Protocol:	RTAP	Limited TAP:	Off	AT Directed Packets:	50 %	ACK Channel Bit Fixed Mode Attribute:	On	Cell Power
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		675																																		
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	Session Open	Logging: No Conn.																																		
1 of 3	IntRef Offset	RTAP																																		
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1xEV-DO setting with RTAP 153.6kbps



3. Reference:

- [1] 941225 D01 SAR test for 3G devices v02, SAR Measurement Procedures for 3G Devices CDMA 2000/Ev-Do/WCDMA/HSDPA/HSPA Oct. 2007 Laboratory Division Office of Engineering and Technology Federal Communications Commission
- [2] TS 34.121 Universal Mobile Telecommunications System (UMTS); Terminal Conformance Specification, Radio Transmission and Reception (FDD)
- [3] HSUPA Measurement Guide with 8960 V7.5.0 Release 7 (2007-06) Ver.: v.02.18
- [4] SAR Measurement Procedures for 3G Devices CDMA 2000/Ev-Do/WCDMA/HSDPA, June 2006 Laboratory Division Office of Engineering and Technology Federal Communications Commission
- [5] 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