



3G SAR Measurement Procedures

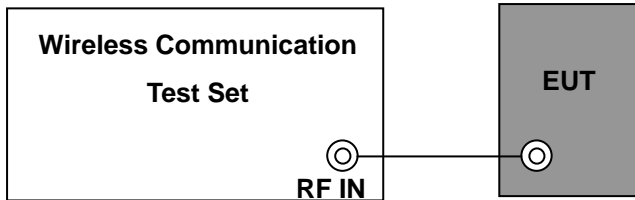
Conducted Output Power

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 Release6 version supporting HSDPA and HSUPA. A detailed analysis of the output power for all WCDMA, HSDPA and HSUPA mode is provided in the table below. According to the FCC 3G procedures, handsets with both HSDPA and HSUPA should be tested according to release 6 HSPA test procedures, and EUT does not support VOIP function over the HSPA function. The HSPA output levels are less than 1/4dB higher than the basic 12.2kbps RMC configurations in WCDMA, as required by FCC 3G SAR procedures and the PBA is fulfilled.



WCDMA Setup Configuration

1. The EUT was connected to Base Station referred to the drawing of Setup Configuration.
2. The RF path losses were compensated into measurements.
3. A call was established between EUT and Base Station with following setting
 - a. set Cell Power = -60dBm
 - b. set RMC 12.2K
 - c. set UE Target Power = 24dBm
 - d. set Power Ctrl Mode = All Up bit
4. The transmitted maximum output power was recorded.



Call Setup Screen												
Call Control	Active Cell Operating Mode	Call Parm										
Operating Mode	UE Information INSI: INEI: Power Class:	Cell Power										
Active Cell		-60.00										
Originate Call	UE Expected Open Loop Transmit Power Initial PRACH TX Power: -37.70 dBm Initial DPCH TX Power: 6.42 dBm	dBm/3.84 MHz										
		Channel Type										
Paging Parameters	Call Processing Status Current Service Type: None MM Status: None GMM State: None Current DPCH Offset: 0 chips	12.2k RMC										
Handovers		Paging Service										
Clear UE Info	<table border="1"> <thead> <tr> <th>HSUPA Information</th> <th>HSDPA Information</th> </tr> </thead> <tbody> <tr> <td>UE Rep E-DCH Cat: Unreported</td> <td>Cur UE HS-DSCH Cat: ----</td> </tr> <tr> <td>Last Received E-TFCI: ----</td> <td>Block Error Ratio: ---- %</td> </tr> <tr> <td>Throughput: ---- kbps</td> <td>Throughput: ---- kbps</td> </tr> <tr> <td>ACKs Transmitted: ----</td> <td>Blocks Transmitted: ----</td> </tr> </tbody> </table>	HSUPA Information	HSDPA Information	UE Rep E-DCH Cat: Unreported	Cur UE HS-DSCH Cat: ----	Last Received E-TFCI: ----	Block Error Ratio: ---- %	Throughput: ---- kbps	Throughput: ---- kbps	ACKs Transmitted: ----	Blocks Transmitted: ----	RB Test Mode
		HSUPA Information	HSDPA Information									
UE Rep E-DCH Cat: Unreported	Cur UE HS-DSCH Cat: ----											
Last Received E-TFCI: ----	Block Error Ratio: ---- %											
Throughput: ---- kbps	Throughput: ---- kbps											
ACKs Transmitted: ----	Blocks Transmitted: ----											
	Active Cell	HSPA Parameters										
	Idle	34,121 Preset Call Configs										
	IntRef	Channel (UARFCN) Parm										
		Sys Type: UTRA FDD										
1 of 4		1 of 3										

WCDMA Setup Configuration : Step 3 – a & b



Call Setup Screen										
Call Control	Active Cell Operating Mode								Call Parm	
	UE Information								UE Target Pouer	
	INSI: INEI: Pouer Class:								24 dBm	
	UE Expected Open Loop Transmit Pouer								UL CL Pouer Ctrl Parameters	
	Initial PRACH TX Pouer: -37.70 dBm Initial DPCCH TX Pouer: 17.45 dBm									
	UL CL Pouer Ctrl Parameters				Value					
	UL CL Pouer Ctrl mode				All Up bits				Send Step Up TPC Bit Pattern	
	UL CL Pouer Ctrl Algorithm				Two					
	UL CL Pouer Ctrl Stepsize				1 dB				Send Step Down TPC Bit Pattern	
									Receiver Control	
Close Menu	Active Cell Idle				Sys Type: UTRA FDD					
	IntRef								3 of 3	

WCDMA Setup Configuration : Step 3 – c & d



HSDPA Setup Configuration

1. The EUT was connected to Base Station referred to the drawing of Setup Configuration.
2. The RF path losses were compensated into measurements.
3. A call was established between EUT and Base Station with following setting
 - a. Set Gain Factors (β_c and β_d) and parameters were set according to each specific sub-test in the following table quoted from the TS 34.121.
 - b. Set Cell Power = -60dBm
 - c. Set RMC 12.2K+HSDPA
 - d. Set HS-DSCH Configuration Type to FRC(H-set 1,QPSK)
 - e. Set UE Target Power = 24dBm
 - f. Set Power Ctrl Mode = All Up bit
 - g. Select Uplink Parameter
 - h. Set Gain Factor(β_c and β_d) Parameters were set according to each
 - i. Ex. Sub-test 1 : $\beta_c=2, \beta_d=15$
 - j. Set PS Domain
4. The transmitted maximum output power was recorded.

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	$\beta_{hs}^{(1,2)}$	CM (dB) ⁽³⁾	MRP (dB) ⁽³⁾
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 ⁽⁴⁾	15/15 ⁽⁴⁾	64	12/15 ⁽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. $\Delta_{ACK}, \Delta_{NACK}$ and $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$
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 $\beta_{hs} = 24/15 * \beta_c$
3. CM = 1 for $\beta_c/\beta_d = 12/15, \beta_{hs}/\beta_c = 24/15$. For all other combinations of DPDCH, 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.
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 signaled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 11/15$ and $\beta_d = 15/15$.

Table 1. Setup for Release 5 HSDPA



Call Setup Screen		
Call Control	Active Cell Operating Mode	Call Parm
Operating Mode	UE Information	Cell Power
Active Cell	INSI: INEI: Power Class:	-60.00 dBm/3.84 MHz
	UE Expected Open Loop Transmit Power	Channel Type
	Initial PRACH TX Power: -37.70 dBm Initial DPCCCH TX Power: 17.45 dBm	12.2k + HSDPA
Originate Call	Call Processing Status	Paging Service
	Current Service Type: None MN Status: None GMM State: None Current DPCH Offset: 0 chips	RB Test Node
Paging Parameters		HSPA Parameters
Handovers	HSUPA Information	34,121 Preset Call Configs
	UE Rep E-DCH Cat: Unreported Last Received E-TFCI: ---- Throughput: ---- kbps ACKs Transmitted: ----	
	HSDPA Information	Channel (UARFCN) Parm
Clear UE Info	Cur UE HS-DSCH Cat: ---- Block Error Ratio: ---- % Throughput: ---- kbps Blocks Transmitted: ----	
	Active Cell	Sys Type: UTRA FDD
	Idle	
1 of 4	IntRef	1 of 3

HSDPA Setup Configuration : Step 3 – b & c

Call Setup Screen		
Call Control	Active Cell Operating Mode	HSDPA Parm
	UE Information	
	INSI: INEI: Power Class:	
	UE Expected Open Loop Transmit Power	HSDPA RB Test Mode Setup
	Initial PRACH TX Power: -37.70 dBm Initial DPCCCH TX Power: 17.45 dBm	
	HSDPA RB Test Mode Settings	UE Category Parameters
	Value	MAC-hs Parameters
	HS-DSCH Configuration Type	
	FRC	
	FRC Type	H-Set 1 QPSK
	FRC MAC-d PDU Size	Maximize
	User Defined Number of Active HS-DSCHs	5
	User Defined Transport Block Size Index	62
	User Defined Modulation Type	QPSK
	User Defined Inter-TTI Interval	3
	User Defined Number of HARQ Processes	2
Close Menu		Return
	Active Cell	Sys Type: UTRA FDD
	Idle	
	IntRef	1 of 2

HSDPA Setup Configuration : Step 3 - d



Call Setup Screen						
Call Control	Active Cell Operating Mode				Call Parm	
Channel (UARFCN) Info	UE Information				Cell Power	
	INSI: INEI: Power Class:				-60.00 dBm/3.84 MHz	
Cell Parameters	UE Expected Open Loop Transmit Power				Channel Type	
Generator Info	Initial PRACH TX Power: -37.70 dBm Initial DPCH TX Power: 6.42 dBm				12.2k + HSDPA	
	Uplink Parameters				Paging Service	
Uplink Parameters	Value				RB Test Mode	
	PRACH Preambles				HSPA Parameters	
	PRACH Ramping Cycles(MAX)				34,121 Preset Call Configs	
UE Rep Meas	Available Subchannels (Bit Mask)				Channel (UARFCN) Parm	
	Uplink DPCH Scrambling Code				1 of 3	
	Uplink DPCH Bc/Bd Control					
Close Menu	Manual Uplink DPCH Bc					
	Manual Uplink DPCH Bd					
	Maximum Uplink Transmit Power Level					
			Active Cell	Sys Type: UTRA FDD		
			Idle			
2 of 4	IntRef					

HSDPA Setup Configuration : Step 3 – i

Call Setup Screen						
Call Control	Active Cell Operating Mode				HSDPA Parm	
	UE Information				HSDPA PS Data Setup	
	INSI: Power Class: INEI(SU): (--) Detected PRACH Sig: ---- Called Party Number:				HSDPA RB Test Mode Setup	
	UE Expected Open Loop Transmit Power				UE Category Parameters	
	Init PRACH TX Pou: -22.70 dBm Init DPCH TX Pou: -11.55 dBm				MAC-hs Parameters	
	Current Service Type				HSDPA Uplink Parameters	
	None				Return	
Close Menu	HSDPA RB Test Mode Settings				1 of 2	
	Value					
	CN Domain PS Domain CS Domain CS/PS Domain Uplink Ok DTCH Uplink 64k DTCH HS-DSCH Data Pa RLC Header on HS-Down					
			Active Cell	Sys Type: UTRA FDD		
			Idle	Logging: No Conn		
			DBUS-INT	IntRef Offset		

HSDPA Setup Configuration : Step 3 - j



HSUPA Setup Configuration

1. The EUT was connected to Base Station referred to the drawing of Setup Configuration.
2. The RF path losses were compensated into measurements.
3. A call was established between EUT and Base Station with following setting
 - a. 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 quoted from the TS 34.121.
 - b. Set Cell Power = -75dBm
 - c. Set RMC 12.2K+HSPA
 - d. Set HS-DSCH Configuration Type to FRC(H-set 1,QPSK)
 - e. Set UE Target Power = 24dBm
 - f. Set Power Ctrl Mode = Alternating bits
 - g. Select Uplink Parameter
 - h. Set Gain Factor(β_c ,and β_d) Parameters were set according to each
 - i. Ex. Sub-test 1 : $\beta_c=11, \beta_d=15$
 - j. Set AG Ex. Sub-test 1 :AG =20
 - k. Set E-TFCI Ex. Sub-test 1 : 75
 - l. Set PS Domain
4. The transmitted maximum output power was recorded.



Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	$\beta_{hs}^{(1)}$	β_{ec}	β_{ed}	Bed (SF)	Bed (codes)	CM ⁽²⁾ (dB)	MPR (dB)	AG ⁽⁴⁾ Index	E- TFCI
1	11/15 ⁽³⁾	15/15 ⁽³⁾	64	11/15 ⁽³⁾	22/15	209/225	1039/225	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	$\beta_{ed1}: 47/15$ $\beta_{ed2}: 47/15$	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 ⁽⁴⁾	15/15 ⁽⁴⁾	64	15/15 ⁽⁴⁾	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Note 1: ΔACK , $\Delta NACK$ and $\Delta CQI = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$.

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 signaled 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 signaled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$.

Note 5: Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.

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

Table 2. Setup for Release 6 HSUPA



Call Setup Screen																										
Call Control	Active Cell Operating Mode				Call Parm																					
Operating Mode	<table border="1"> <thead> <tr> <th colspan="2">UE Information</th> </tr> </thead> <tbody> <tr> <td>INSI:</td> <td>Power Class:</td> </tr> <tr> <td>INEI(SU):</td> <td>Detected PRACH Sig: ----</td> </tr> <tr> <td colspan="2">Called Party Number:</td> </tr> <tr> <th colspan="2">UE Expected Open Loop Transmit Power</th> </tr> <tr> <td>Init PRACH TX Pou: -22.70 dBm</td> <td>Init DPCCH TX Pou: -11.55 dBm</td> </tr> </tbody> </table>				UE Information		INSI:	Power Class:	INEI(SU):	Detected PRACH Sig: ----	Called Party Number:		UE Expected Open Loop Transmit Power		Init PRACH TX Pou: -22.70 dBm	Init DPCCH TX Pou: -11.55 dBm	Cell Power	-75.00								
UE Information																										
INSI:	Power Class:																									
INEI(SU):	Detected PRACH Sig: ----																									
Called Party Number:																										
UE Expected Open Loop Transmit Power																										
Init PRACH TX Pou: -22.70 dBm	Init DPCCH TX Pou: -11.55 dBm																									
Active Cell	<table border="1"> <thead> <tr> <th colspan="2">Current Service Type</th> </tr> <tr> <td colspan="2">None</td> </tr> </thead> </table>				Current Service Type		None		dBm/3.84 MHz																	
Current Service Type																										
None																										
Originate Call	<table border="1"> <thead> <tr> <th colspan="2">Call Processing Status</th> </tr> <tr> <th colspan="2">Channel Type</th> </tr> </thead> <tbody> <tr> <td>RRC State:</td> <td>Power State: Off</td> </tr> <tr> <td>MM Status:</td> <td>Node State: Off</td> </tr> <tr> <td>GMN State:</td> <td>Offset: 0 chips</td> </tr> <tr> <td>HSUPA In</td> <td>Information</td> </tr> <tr> <td>UE Rep E-DCH</td> <td>DSCH Cat: ----</td> </tr> <tr> <td>Last Happy Bit</td> <td>Ratio: ---- %</td> </tr> <tr> <td>Throughput:</td> <td>---- kbps</td> </tr> <tr> <td>ACKs Transmitt</td> <td>Transmitted: ----</td> </tr> </tbody> </table>				Call Processing Status		Channel Type		RRC State:	Power State: Off	MM Status:	Node State: Off	GMN State:	Offset: 0 chips	HSUPA In	Information	UE Rep E-DCH	DSCH Cat: ----	Last Happy Bit	Ratio: ---- %	Throughput:	---- kbps	ACKs Transmitt	Transmitted: ----	Channel Type	12.2k RMC
Call Processing Status																										
Channel Type																										
RRC State:	Power State: Off																									
MM Status:	Node State: Off																									
GMN State:	Offset: 0 chips																									
HSUPA In	Information																									
UE Rep E-DCH	DSCH Cat: ----																									
Last Happy Bit	Ratio: ---- %																									
Throughput:	---- kbps																									
ACKs Transmitt	Transmitted: ----																									
Paging Parameters	<table border="1"> <thead> <tr> <th colspan="2">HSPA Parameters</th> </tr> </thead> </table>				HSPA Parameters		Paging Service	RB Test Node																		
HSPA Parameters																										
Handovers	<table border="1"> <thead> <tr> <th colspan="2">HSPA Parameters</th> </tr> </thead> </table>				HSPA Parameters		34,121 Preset Call Configs																			
HSPA Parameters																										
Clear UE Info	<table border="1"> <thead> <tr> <th colspan="2">Channel (UARFCN) Parm</th> </tr> </thead> </table>				Channel (UARFCN) Parm		Channel (UARFCN) Parm																			
Channel (UARFCN) Parm																										
	Active Cell	Idle	Sys Type: UTRA FDD	Logging: No Conn																						
1 of 5	DBUS-INT	IntRef	Offset			1 of 3																				

HSUPA Setup Configuration : Step 3 – b & c

Call Setup Screen																																	
Call Control	Active Cell Operating Mode				HSDPA Parm																												
	<table border="1"> <thead> <tr> <th colspan="2">UE Information</th> </tr> </thead> <tbody> <tr> <td>INSI:</td> <td>Power Class:</td> </tr> <tr> <td>INEI:</td> <td></td> </tr> <tr> <th colspan="2">UE Expected Open Loop Transmit Power</th> </tr> <tr> <td>Initial PRACH TX Power: -37.70 dBm</td> <td>Initial DPCCH TX Power: 17.45 dBm</td> </tr> </tbody> </table>				UE Information		INSI:	Power Class:	INEI:		UE Expected Open Loop Transmit Power		Initial PRACH TX Power: -37.70 dBm	Initial DPCCH TX Power: 17.45 dBm	HSDPA RB Test Mode Setup																		
UE Information																																	
INSI:	Power Class:																																
INEI:																																	
UE Expected Open Loop Transmit Power																																	
Initial PRACH TX Power: -37.70 dBm	Initial DPCCH TX Power: 17.45 dBm																																
	<table border="1"> <thead> <tr> <th colspan="2">HSDPA RB Test Mode Settings</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>HS-DSCH Configuration Type</td> <td colspan="2">FRC</td> </tr> <tr> <td>FRC Type</td> <td colspan="2">H-Set 1 QPSK</td> </tr> <tr> <td>FRC MAC-d PDU Size</td> <td colspan="2">Maximize</td> </tr> <tr> <td>User Defined Number of Active HS-DSCHs</td> <td colspan="2">5</td> </tr> <tr> <td>User Defined Transport Block Size Index</td> <td colspan="2">62</td> </tr> <tr> <td>User Defined Modulation Type</td> <td colspan="2">QPSK</td> </tr> <tr> <td>User Defined Inter-TTI Interval</td> <td colspan="2">3</td> </tr> <tr> <td>User Defined Number of HARQ Processes</td> <td colspan="2">2</td> </tr> </tbody> </table>				HSDPA RB Test Mode Settings		Value	HS-DSCH Configuration Type	FRC		FRC Type	H-Set 1 QPSK		FRC MAC-d PDU Size	Maximize		User Defined Number of Active HS-DSCHs	5		User Defined Transport Block Size Index	62		User Defined Modulation Type	QPSK		User Defined Inter-TTI Interval	3		User Defined Number of HARQ Processes	2		UE Category Parameters	
HSDPA RB Test Mode Settings		Value																															
HS-DSCH Configuration Type	FRC																																
FRC Type	H-Set 1 QPSK																																
FRC MAC-d PDU Size	Maximize																																
User Defined Number of Active HS-DSCHs	5																																
User Defined Transport Block Size Index	62																																
User Defined Modulation Type	QPSK																																
User Defined Inter-TTI Interval	3																																
User Defined Number of HARQ Processes	2																																
	<table border="1"> <thead> <tr> <th colspan="2">MAC-hs Parameters</th> </tr> </thead> </table>				MAC-hs Parameters		HSDPA Uplink Parameters																										
MAC-hs Parameters																																	
Close Menu	<table border="1"> <thead> <tr> <th colspan="2">Return</th> </tr> </thead> </table>				Return		Return																										
Return																																	
	Active Cell	Idle	Sys Type: UTRA FDD																														
	IntRef					1 of 2																											

HSUPA Setup Configuration : Step 3 - d



Call Setup Screen									
Call Control	Active Cell Operating Mode						Call Parm		
Close Menu	UE Information						UE Target Power		
	INSI: INEI: Power Class:						24 dBm		
	UE Expected Open Loop Transmit Power						UL CL Power Ctrl Parameters		
	Initial PRACH TX Power: -37.70 dBm Initial DPCH TX Power: 6.42 dBm						Send Step Up TPC Bit Pattern		
	UL CL Power Ctrl Parameters						Send Step Down TPC Bit Pattern		
	Value						Receiver Control		
	UL CL Power Ctrl Mode						Alternating bits		
	UL CL Power Ctrl Algorithm						Tuo		
	UL CL Power Ctrl Stepsize						1 dB		
	Active Cell Idle						Sys Type: UTRA FDD		
IntRef						3 of 3			

HSUPA Setup Configuration : Step 3 – e & f

Call Setup Screen									
Call Control	Active Cell Operating Mode						Call Parm		
Channel (UARFCH) Info	UE Information						Cell Power		
	INSI: 001012345678901 Power Class: 3 INEI(SU):354217010002710 (--) Detected PRACH Sig: 0						-75.00 dBm/3.84 MHz		
Cell Info	Called Party Number:						Channel Type		
	UE Expected Open Loop Transmit Power						12.2k + HSDPA		
	Init PRACH TX Pou: -22.70 dBm Init DPCH TX Pou: -9.56 dBm						Paging Service		
Generator Info	Current Service Type						RB Test Node		
	None								
	Uplink Parameters						Value		
Uplink Parameters	PRACH Preambles						64		
	PRACH Ramping Cycles(MMAX)						2		
	Available Subchannels (Bit Mask)						000000000001		
	Uplink DPCH Scrambling Code						0		
	Uplink DPCH Bc/Bd Control						Manual		
Close Menu	Manual Uplink DPCH Bc						11		
	Manual Uplink DPCH Bd						15		
	Maximum Uplink Transmit Power Level						21 dBm		
	Active Cell Idle						Sys Type: UTRA FDD		
	DBUS-INT						Logging: No Conn		
2 of 5	IntRef Offset						1 of 3		

HSUPA Setup Configuration : Step 3 – i



Call Setup Screen						
Call Control	Active Cell Operating Mode				Serving Grant	
Operating Mode	UE Information				AG Mode	
Active Cell	INSI: 001012345678901		Power Class: 3		Single Shot	
	INEI(SU):354217010002710(--)		Detected PRACH Sig: 0		Single Shot AG	
	Called Party Number:				20: (119/15)*2	
	UE Expected Open Loop Transmit Power					
	Init PRACH TX Pou: -22.70 dBm		Init DPCCH TX Pou: -9.56 dBm			
Originate Call	Current Service Type				Send Single Shot Absolute Grant	
	None					
Paging Parameters	Call Processing Status				Send Relative Grant Up	
	RRC State:	Abs Single Shot AG		Power State:	Off	
	MM Status:	Index 18: (95/15)*2		Node State:	Off	
	GMN State:	Index 19: (106/15)*2		Offset:	1536 chips	
Handovers	HSUPA Index	Index 20: (119/15)*2		Information		
	UE Rep E-DCH	Index 21: (134/15)*2		OSCH Cat:	8	
	Last Happy Bit	Index 22: (150/15)*2		Ratio:	---- %	
	Throughput:	Index 23: (168/15)*2		Throughput:	---- kbps	
Clear UE Info	ACKs Transmitted:			ACKs Transmitted:	----	
		Active Cell		Sys Type: UTRA FDD		
		Idle		Logging: No Conn		
1 of 5	DBUS-INT	IntRef	Offset			1 of 2

HSUPA Setup Configuration : Step 3 – j

Call Setup Screen						
Screen Ctrl	Recorded E-TFCI Information				E-TFCI Record	
Channel (UARFCN) Info	E-TFCI Recording State				E-TFCI Recording Parameters	
	Idle					
HSPA Information	Recorded E-TFCI Values				Start Recording E-TFCI Values	
E-TFCI Recording Information	1: 75	11: 75	21: ----	31: ----	41: ----	
	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: ----	
Clear UE Info	10: 75	20: ----	30: ----	40: ----	50: ----	
	15/15				Send Step Up TPC Bit Pattern	
Return					Send Step Down TPC Bit Pattern	
		Active Cell		Sys Type: UTRA FDD		
		Connected		Logging: No Conn		
	DBUS-INT	IntRef	Offset			

HSUPA Setup Configuration : Step 3 – k

