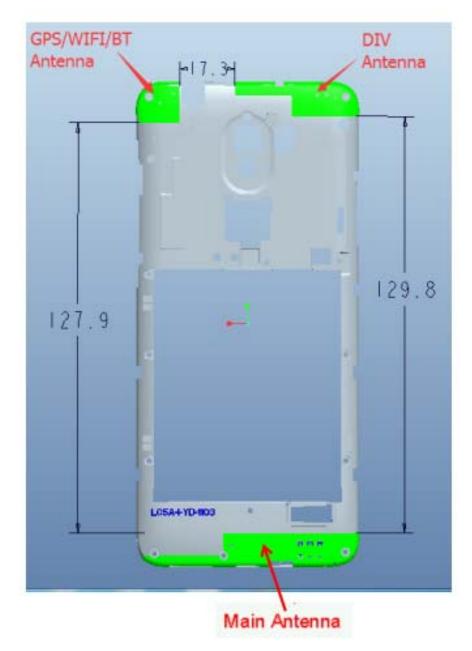


# **12 Simultaneous TX SAR Considerations**

# 12.1 Introduction

The following procedures adopted from "FCC SAR Considerations for Cell Phones with Multiple Transmitters" are applicable to handsets with built-in unlicensed transmitters such as 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter. For this device, the BT and Wi-Fi can transmit simultaneous with other transmitters.

# 12.2 Transmit Antenna Separation Distances



**Picture 12.1 Antenna Locations** 



# 12.3 SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR v01, the edges with less than 2.5 cm distance to the antennas need to be tested for SAR.

SAR measurement positions										
Mode Front Rear Left edge Right edge Top edge Bottom edge										
Main antenna	Yes	Yes	Yes	Yes	No	Yes				
WLAN	WLAN Yes Yes No Yes Yes No									

## 12.4 Standalone SAR Test Exclusion Considerations

Standalone 1-g head or body SAR evaluation by measurement or numerical simulation is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied. The 1-g SAR test exclusion threshold for 100 MHz to 6 GHz at test separation distances  $\leq$  50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)]  $\cdot$  [ $\sqrt{f}(GHz)$ ]  $\leq$  3.0 for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

			SAR test	RF outpu	ut power		
Band/Mode	F(GHz)	Position	exclusion threshold (mW)	dBm	mW	SAR test exclusion	
Bluetooth	2.441	Head	9.60	6.5	4.47	Yes	
Diueloolii		Body	19.20	6.5	4.47	Yes	
2.4GHz WLAN 802.11 b	2.45	Head	9.58	15.5	35.48	No	
	2.40	Body	19.17	15.5	35.48	No	

#### Table 12.1: Standalone SAR test exclusion considerations



# **13 Evaluation of Simultaneous**

### Table 13.1: The sum of reported SAR values for main antenna and WiFi

	Position	Main antenna	WiFi	Sum
Highest reported				
SAR value for	Left hand, Touch cheek	0.41	0.33	0.74
Head				
Highest reported				
SAR value for	Rear	0.90	0.09	0.99
Body				

### Table 13.2: The sum of reported SAR values for main antenna and BT

	Position	Main antenna	BT	Sum
Maximum reported SAR value for Head	Left hand, Touch cheek	0.41	0.19	0.60
Maximum reported				
SAR value for Body	Rear	0.90	0.09	0.99

[1] - Estimated SAR for Bluetooth (see the table 13.3)

Table 13.3: Estimated SAR for Bluetooth

Mode/Band	F (GHz)	Desition	Distance	Upper limit	Estimated <sub>1g</sub>	
woue/banu	г (Оп2)	Position	(mm)	dBm	mW	(W/kg)
Bluetooth	2.441	Head	5	6.5	4.47	0.19
Bluetooth	2.441	Body	10	6.5	4.47	0.09

\* - Maximum possible output power declared by manufacturer

When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,

mm)]·[ $\sqrt{f(GHz)/x}$ ] W/kg for test separation distances  $\leq$  50 mm;

where x = 7.5 for 1-g SAR.

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

### Conclusion:

According to the above tables, the sum of reported SAR values is<1.6W/kg. So the simultaneous transmission SAR with volume scans is not required.



# 14 SAR Test Result

It is determined by user manual for the distance between the EUT and the phantom bottom. The distance is 10 mm and just applied to the condition of body worn accessory.

It is performed for all SAR measurements with area scan based 1-g SAR estimation (Fast SAR). A zoom scan measurement is added when the estimated 1-g SAR is the highest measured SAR in each exposure configuration, wireless mode and frequency band combination or more than 1.2W/kg.

The calculated SAR is obtained by the following formula:

Reported SAR = Measured SAR  $\times 10^{(P_{Target} - P_{Measured})/10}$ 

Where P<sub>Target</sub> is the power of manufacturing upper limit;

P<sub>Measured</sub> is the measured power in chapter 11.

Mode	Duty Cycle
Speech for GSM850/1900	1:8.3
GPRS&EGPRS for GSM850/1900	1:2
WCDMA&LTE&WiFi	1:1

## 14.1 Evaluation of multi-batteries and SIM slots

#### Note: B1: CAC2900009C7 B2: CAC2900007C1

We'll perform the head measurement in all bands with the primary battery depending on the evaluation of multi-batteries retest on highest value point with other battery. Then, repeat the measurement in the Body test.

frequ	frequency Mode/Band		Side Position		Pottom/Turno	1g SAR	PowerDrift	
MHz	Channel	WOUE/Danu	Side	POSILION	BatteryType	(W/kg)	FowerDrift	
1860	18700	LTE1900	Left	Cheek	CAC2900009C7	0.314	0.01	
1860	18700	LTE1900	Left	Cheek	CAC2900007C1	0.28	0.03	

Note: According to the values in the above table, the battery, B1, is the primary

battery. We'll perform the head measurement with this battery and retest on highest value point

with others.

frequ	frequency		Position	Bottom/Turno	1g SAR	<b>BoworDrift</b>	
MHz	Channel	Mode/Band	Position	BatteryType	(W/kg)	PowerDrift	
1880	661	PCS1900	Rear	CAC2900009C7	0.5	-0.1	
1880	661	PCS1900	Rear	CAC2900007C1	0.503	0.05	

Note: According to the values in the above table, the battery, B2, is the primary

battery. We'll perform the Body measurement with this battery and retest on highest value point with others.



# 14.2 SAR results

Note: H1: CCB0046A10C4 H2: CCB0046A10C6

	GSM850 #1 Head									
Ambient T	emperature:		22.	5		Liquid Temperature:		22.3		
	Device	SAR	Measured SAR [W/kg]			Rep	orted SAR [V	V/kg]		
Mode		measurement	CH251	CH190	CH128	CH251	CH190	CH128		
	onemation	measurement	848.8 MHz	836.6 MHz	824.2 MHz		836.6 MHz			
	Tur	ne-up	33.50	33.50	33.50		Scaling factor	*		
	Slot Average	e Power [dBm]	32.63	32.61	32.52	1.22	1.23	1.25		
		1g SAR	0.128	0.146	0.165	0.16	0.18	0.21		
	Left Cheek	10g SAR	0.099	0.112	0.126	0.12	0.14	0.16		
		Deviation	0.05	0.09	-0.04	0.05	0.09	-0.04		
		1g SAR		0.096			0.12			
GSM	Left Tilt	10g SAR		0.073			0.09			
GSIM		Deviation		-0.01			-0.01			
		1g SAR		0.13			0.16			
	<b>Right Cheek</b>	10g SAR		0.09			0.11			
		Deviation		0.02			0.02			
		1g SAR		0.106			0.13			
	Right Tilt	10g SAR		0.078			0.10			
		Deviation		-0.02			-0.02			
GSM		1g SAR			0.13			0.16		
B2	Worst Case	10g SAR			0.09			0.11		
BZ		Deviation			0.02			0.02		

#### Table 14-1 GSM850 #1 Head

#### Table 14-2 GSM850 #1 Body

			GS	M850 #1 Bod	у			
Ambient T	emperature:	22.5				Liquid Ter	mperature:	22.3
	Device	SAR	Measured SAR [W/kg]			Reported SAR [W/kg]		
Mode		measurement	CH251	CH190	CH128	CH251	CH190	CH128
					824.2 MHz			824.2 MHz
		ne-up	29.00	29.00	29.00		Scaling factor	
	Slot Average	e Power [dBm]	28.97	28.97	28.86	1.01	1.01	1.03
		1g SAR		0.277			0.28	
	Front	10g SAR		0.198			0.20	
		Deviation		0.03			0.03	
		1g SAR	0.36	0.334	0.332	0.36	0.34	0.34
	Rear	10g SAR	0.199	0.183	0.23	0.20	0.18	0.24
GPRS 4		Deviation	-0.07	0.06	0.01	-0.07	0.06	0.01
Txslots	Left edge	1g SAR		0.141			0.14	
1231013		10g SAR		0.096			0.10	
		Deviation		-0.05			-0.05	
		1g SAR		0.296			0.30	
	Right edge	10g SAR		0.201			0.20	
		Deviation		-0.09			-0.09	
		1g SAR		0.135			0.14	
	Bottom edge	10g SAR		0.067			0.07	
		Deviation		0.02			0.02	
	Tur	ne-up	29.00	29.00	29.00		Scaling factor	*
EGPRS	Slot Average	e Power [dBm]	28.92	28.94	28.96	1.02	1.01	1.01
GMSK 4	Worst case	1g SAR	0.343			0.35		
Txslots		10g SAR	0.19			0.19		
	check	Deviation	0.01			0.01		
GPRS 4	Marst ages	1g SAR	0.35			0.36		
Txslots	Worst case	10g SAR	0.20			0.20		
B1	check	Deviation	-0.04			-0.04		

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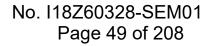


#### PCS1900 #1 Head Ambient Temperature: 22.5 Liquid Temperature: 22.3 Measured SAR [W/kg] 10 | CH661 | CH512 Reported SAR [W/kg] CH810 | CH661 | CH512 SAR Device Mode CH810 orientation measurement 1880 MHz 880 MHz 1909.8 1909.8 1850.2 1850.2 Tune-up 30.50 30.50 30.50 Scaling factor\* 29.41 1.28 1.30 Slot Average Power [dBm] 29.43 29.34 1.28 0.122 0.16 0.14 1g SAR 0.116 0.105 0.15 Left Cheek 10g SAR 0.07 0.074 0.064 0.09 0.10 0.08 -0.09 Deviation -0.02 0.14 -0.02 0.14 -0.09 1g SAR 0.1 0.13 Left Tilt 10g SAR 0.063 0.08 GSM Deviation -0.15 -0.15 1g SAR 0.049 0.06 **Right Cheek** 10g SAR 0.03 0.04 0.08 Deviation 0.08 1g SAR 0.042 0.05 **Right Tilt** 0.03 10g SAR 0.022 Deviation 0.11 0.11 1g SAR 0.118 0.15 GSM Worst Case 10g SAR 0.071 0.09 **B2** Deviation 0.04 0.04

#### Table 14-3 PCS1900 #1 Head

#### Table 14-4 PCS1900 #1 Body

			PC	CS1900 #1 Bod	у			
Ambient Te	emperature:	22.5				Liquid Te	mperature:	22.3
	Device	SAR		sured SAR [V		Reported SAR [W/kg]		
Mode		measurement	CH810	CH661	CH512	CH810	CH661	CH512
			1909.8	1880 MHz	1850.2	1909.8	1880 MHz	1850.2
		ne-up	26.50	26.50	26.50		Scaling factor	
	Slot Average	e Power [dBm]	25.88	25.85	25.77	1.15	1.16	1.18
		1g SAR		0.393			0.46	
	Front	10g SAR		0.228			0.26	
		Deviation		-0.04			-0.04	
		1g SAR	0.501	0.503	0.441	0.58	0.58	0.52
	Rear	10g SAR	0.276	0.297	0.263	0.32	0.34	0.31
GPRS 4		Deviation	0.12	0.05	0.06	0.12	0.05	0.06
Txslots		1g SAR		0.289			0.34	
TASIOIS	Left edge	10g SAR		0.162			0.19	
		Deviation		0.08			0.08	
	Right edge	1g SAR		0.099			0.11	
		10g SAR		0.057			0.07	
		Deviation		0.11			0.11	
		1g SAR		0.477			0.55	
	Bottom edge	10g SAR		0.25			0.29	
		Deviation		-0.02			-0.02	
	Tur	ne-up	26.50	26.50	26.50		Scaling factor	•
EGPRS	Slot Average	e Power [dBm]	25.79	25.84	25.76	1.18	1.16	1.19
GMSK 4	Mant ana	1g SAR		0.499			0.58	
Txslots	Worst case	10g SAR		0.29			0.34	
	check	Deviation		0.15			0.15	
GPRS 4	14/2014	1g SAR		0.5			0.58	
Txslots	Worst case	10g SAR		0.299			0.35	
B1	check	Deviation		-0.1			-0.10	



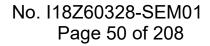


#### Table 14-5 WCDMA1900-BII #1Head

	WCDMA1900-BII #1Head										
Ambient Te	emperature:	22.5				Liquid Temperature:		22.3			
	Device	SAR		sured SAR [V		Reported SAR [W/kg]					
Mode	orientation	measurement	CH9538	CH9400	CH9262	CH9538	CH9400	CH9262			
	Tur	e-up	1907.6 MHz 24.00	1880 MHz 24.00	1852.4 MHz 24.00		1880 MHz Scaling factor	1852.4 MHz			
	Slot Average	Power [dBm]	23.45	23.60	23.67	1.14	1.10	1.08			
		1g SAR	0.265	0.272	0.283	0.30	0.30	0.31			
	Left Cheek	10g SAR	0.163	0.168	0.175	0.19	0.18	0.19			
		Deviation	0.09	0.11	0.05	0.09	0.11	0.05			
	Left Tilt	1g SAR		0.134			0.15				
RMC		10g SAR		0.085			0.09				
TTM C		Deviation		-0.08			-0.08				
		1g SAR		0.195			0.21				
	<b>Right Cheek</b>	10g SAR		0.122			0.13				
		Deviation		0.14			0.14				
		1g SAR		0.088			0.10				
	Right Tilt	10g SAR		0.058			0.06				
		Deviation		0.09			0.09				
RMC	Worst Case	1g SAR			0.271			0.29			
B2		10g SAR			0.171			0.18			
		Deviation			0.13			0.13			

## Table 14-6 WCDMA1900-BII #1Body

			WCD	MA1900-Bll #1	Body			
Ambient 7	Femperature:	22.5				Liquid Ter	nperature:	22.3
	Device	SAR	Meas	sured SAR []	V/kg]	Rep	orted SAR [M	//kg]
Mode	orientation	n measurement	CH9538	CH9400	CH9262	CH9538	CH9400	CH9262
			1907.6 MHz 24.00	1880 MHz	1852.4 MHz			
		Tune-up		24.00	24.00		Scaling factor	
	Slot Average	Power [dBm]	23.45	23.60	23.67	1.14	1.10	1.08
		1g SAR		0.463			0.51	
	Front	10g SAR		0.267			0.29	
	111.1.1.1.1	Deviation		0.02			0.02	
		1g SAR	0.53	0.603	0.625	0.60	0.66	0.67
	Rear	10g SAR	0.315	0.374	0.391	0.36	0.41	0.42
		Deviation	0.06	0.09	0.11	0.06	0.09	0.11
RMC	Left edge	1g SAR		0.243			0.27	
		10g SAR		0.147			0.16	
		Deviation		-0.12			-0.12	
		1g SAR		0.152			0.17	
	Right edge	10g SAR		0.094			0.10	
	THE REPORT OF A	Deviation		0.05			0.05	
		1g SAR		0.565			0.62	
	Bottom edge	10g SAR		0.297	]		0.33	
		Deviation		0.11			0.11	
RMC	Marst ages	1g SAR			0.616			0.66
B1	Worst case check	10g SAR			0.387			0.42
51	Check	Deviation			0.04			0.04





#### Table 14-7 WCDMA1700-BIV #1Head

			WCDI	MA1700-BIV #1	Head				
Ambient Te	emperature:	22.5				Liquid Ter	22.3		
	Device	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]			
Mode	orientation		CH1513	CH1412	CH1312	CH1513	CH1412	CH1312	
			1752.6 MHz		1712.4 MHz				
	Tur	ie-up	24.00	24.00	24.00		Scaling factor		
	Slot Average	e Power [dBm]	23.72	23.69	23.61	1.07	1.07	1.09	
		1g SAR	0.382	0.363	0.33	0.41	0.39	0.36	
	Left Cheek	10g SAR	0.243	0.233	0.213	0.26	0.25	0.23	
		Deviation	-0.09	-0.12	0.06	-0.09	-0.12	0.06	
	Left Tilt	1g SAR		0.139			0.15		
RMC		10g SAR		0.078			0.08		
RIVIC		Deviation		0.18			0.18		
		1g SAR		0.358			0.38		
	<b>Right Cheek</b>	10g SAR		0.233			0.25		
		Deviation		0.04			0.04		
		1g SAR		0.118			0.13		
	Right Tilt	10g SAR		0.069			0.07		
		Deviation		0.15			0.15		
RMC		1g SAR	0.374			0.40			
B2	Worst Case	10g SAR	0.232			0.25			
52		Deviation	-0.07			-0.07			

#### Table 14-8 WCDMA1700-BIV #1Body

			WCDI	MA1700-BIV #1	Body			
Ambient 7	Femperature:	22.5				Liquid Ter	mperature:	22.3
	Device	SAR	Mea	sured SAR [V			orted SAR [V	V/kg]
Mode	orientation	on measurement	CH1513	CH1412	CH1312	CH1513	CH1412	CH1312
			1752.6 MHz					1712.4 MHz
		e-up	24.00	24.00	24.00		Scaling factor	
	Slot Average	Power [dBm]	23.72	23.69	23.61	1.07	1.07	1.09
	Front	1g SAR		0.647			0.69	
		10g SAR		0.398			0.43	
		Deviation		0.04			0.04	
		1g SAR	0.847	0.81	0.807	0.90	0.87	0.88
	Rear	10g SAR	0.546	0.513	0.51	0.58	0.55	0.56
12222		Deviation	-0.09	-0.12	0.07	-0.09	-0.12	0.07
RMC		1g SAR		0.283			0.30	
	Left edge	10g SAR		0.176			0.19	
		Deviation		0.12			0.12	
		1g SAR		0.114			0.12	
	Right edge	10g SAR		0.072			0.08	
		Deviation		0.09			0.09	
		1g SAR		0.616			0.66	
	Bottom edge	10g SAR		0.345			0.37	
		Deviation		0.04			0.04	
RMC	Worst case	1g SAR	0.824			0.88		
B1	check	10g SAR	0.531			0.57		
ы	Check	Deviation	0.11			0.11		

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#### Table 14-9 WCDMA850-BV #1Head

			WCD	MA850-BV #1F	lead			
Ambient T	emperature:	22.5				Liquid Ter	mperature:	22.3
	Device orientation	SAR measurement	Measured SAR [W/kg]				orted SAR [V	
Mode			CH4233	CH4182	CH4132	CH4233	CH4182	CH4132
			846.6 MHz					826.4 MHz
		ie-up	24.00	24.00	24.00		Scaling factor	
	Slot Average	e Power [dBm]	23.78	23.76	23.85	1.05	1.06	1.04
		1g SAR		0.15			0.16	
	Left Cheek	10g SAR		0.116			0.12	
		Deviation		-0.03			-0.03	
	Left Tilt	1g SAR		0.107			0.11	
RMC		10g SAR		0.086			0.09	
RMC		Deviation		0.09			0.09	
	Right Cheek	1g SAR	0.339	0.3	0.283	0.36	0.32	0.29
		10g SAR	0.253	0.222	0.211	0.27	0.23	0.22
		Deviation	0.19	-0.01	0.05	0.19	-0.01	0.05
		1g SAR		0.147			0.16	
	Right Tilt	10g SAR		0.114			0.12	
		Deviation		0.02			0.02	
RMC		1g SAR	0.331			0.35		
B2	Worst Case	10g SAR	0.244			0.26		
52		Deviation	0.01			0.01		

#### Table 14-10 WCDMA850-BV #1Body

			WCD	MA850-BV #18	Body					
Ambient 7	emperature:	22.5				Liquid Ter	mperature:	22.3		
	Device	SAR		sured SAR [V			Reported SAR [W/kg]			
Mode	orientation	measurement	CH4233	CH4182	CH4132	CH4233	CH4182	CH4132		
			846.6 MHz 24.00	835.4 MHz	826.4 MHz					
		Tune-up		24.00	24.00		Scaling factor			
	Slot Average	Power [dBm]	23.78	23.76	23.85	1.05	1.06	1.04		
		1g SAR		0.284			0.30			
	Front	10g SAR		0.199			0.21			
		Deviation		0.03			0.03			
	Rear	1g SAR	0.415	0.329	0.298	0.44	0.35	0.31		
		10g SAR	0.233	0.178	0.168	0.25	0.19	0.17		
		Deviation	-0.04	0.01	-0.07	-0.04	0.01	-0.07		
RMC	Left edge	1g SAR		0.149			0.16			
		10g SAR		0.097			0.10			
		Deviation		0.04			0.04			
		1g SAR		0.276			0.29			
	Right edge	10g SAR		0.178			0.19			
		Deviation		-0.06			-0.06			
		1g SAR		0.133			0.14			
	Bottom edge	10g SAR		0.065			0.07			
		Deviation		-0.01			-0.01			
RMC	Worst case	1g SAR	0.412			0.43				
B1	check	10g SAR	0.229			0.24				
DI	CILECK	Deviation	0.03			0.03				



#### Table 14-11 LTE1900-FDD2 #1 Head

			LTE1	900-FDD2 #1	Head				
Ambient Te	emperature:	22.5					nperature:	22.3	
	Device	SAR		sured SAR		Repo	orted SAR [V		
Mode	orientation	measureme	19100	18900	18700	19100	18900	18700	
		nt	М	м	М	м	М	М	
		e-up	24.50	24.50	24.50		Scaling factor		
	Measured F	Power [dBm] 1g SAR	23.93	23.93	24.03 0.314	1.14	1.14	1.12 0.35	
	Left Cheek	10g SAR			0.314			0.35	
	Leit Cheek	Deviation			0.194			0.22	
					0.01			0.01	
	Loft Tilt	1g SAR	••••••						
20MHz	Left Tilt	10g SAR			0.074			0.08	
QPSK1RB		Deviation			0.05			0.05	
		1g SAR			0.248			0.28	
	Right Cheek				0.15			0.17	
Right		Deviation			0.11			0.11	
		1g SAR			0.095			0.11	
	Right Tilt	10g SAR			0.052			0.06	
		Deviation			0.04			0.04	
	Device	SAR	Measured SAR [W/kg]			Reported SAR [W/kg]			
TRUE	Device orientation	measureme	19100	18900	18700	19100	18900	18700	
	onemation	nt	L	L	м	L	L	м	
	Tune-up		23.50	23.50	23.50	S	Scaling factor	*	
	Measured F	Power [dBm]	22.67	22.78	22.85	1.21	1.18	1.16	
	Left Cheek	1g SAR			0.251			0.29	
		10g SAR			0.155			0.18	
		Deviation			-0.09			-0.09	
	Left Tilt	1g SAR			0.095			0.11	
20MHz		10g SAR			0.06			0.07	
QPSK50%		Deviation			0.15			0.15	
RB		1g SAR			0.196			0.23	
	<b>Right Cheek</b>	10g SAR			0.118			0.14	
		Deviation			0.06			0.06	
		1g SAR			0.074			0.09	
	Right Tilt	10g SAR			0.041			0.05	
		Deviation			0.12			0.12	
		SAR	Meas	sured SAR	N/kg]	Repo	orted SAR [V	V/kg]	
Mode	Device orientation	measureme nt	19100	18900	18700	19100	18900	18700	
	Tun	e-up	23.50	23.50	23.50	5	Scaling factor	•	
20MHz	Measured F	Power [dBm]	22.62	22.70	22.83	1.23	1.20	1.17	
QPSK100%		1g SAR							
RB	Left Cheek	10g SAR			******		•••••••••••••••••••••••••••••••••••••••	******	
		Deviation				*****	••••••	•••••	
20MHz		1g SAR			0.28			0.31	
QPSK1RB	Worst Case	10g SAR			0.171			0.19	
B2		Deviation			0.03			0.03	



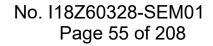
## Table 14-12 LTE1900-FDD2 #1 Body

			LTE1	1900-FDD2 #1	Body			
Ambient Te	emperature:	22.5				Liquid Ter	nperature:	22.3
		SAR	Meas	sured SAR [	N/kg]	Rep	orted SAR [M	//kg]
Mode	Device	measureme	19100	18900	18700	19100	18900	18700
	orientation	nt	М	м	м	м	м	М
	Tun	e-up	24.50	24.50	24.50	5	Scaling factor	*
	Measured F	Power [dBm]	23.93	23.93	24.03	1.14	1.14	1.12
		1g SAR			0.494			0.55
	Front	10g SAR			0.303			0.34
		Deviation			0.09			0.09
		1g SAR			0.546			0.61
	Rear	10g SAR			0.346			0.39
20MHz		Deviation			-0.05			-0.05
QPSK1RB		1g SAR			0.278			0.31
di ortino	Left edge	10g SAR			0.171			0.19
		Deviation			0.11			0.11
		1g SAR			0.135			0.15
	Right edge	10g SAR			0.086			0.10
		Deviation			-0.02			-0.02
		1g SAR			0.523			0.58
В	Bottom edge				0.292			0.33
		Deviation			0.05			0.05
Contract Contract	Device SA		and the second s	sured SAR	a letter source	and the second se	orted SAR [W	The second s
Mode	orientation	measureme	19100	18900	18700	19100	18900	18700
		nt	L	L	М		1	
	Tune-up		23.50	23.50	23.50		Scaling factor	
	Measured Power [dBm]		22.67	22.78	22.85	1.21	1.18	1.16
		1g SAR			0.387			0.45
	Front	10g SAR			0.237			0.27
		Deviation			0.12			0.12
	Rear	1g SAR			0.429		••••••	0.50
20MHz		10g SAR Deviation			0.271			0.08
QPSK50%		1g SAR			0.08			0.08
RB	Left edge	10g SAR			0.134			0.25
	Leiteuge	Deviation	••••••		0.04			0.04
		1g SAR			0.107			0.12
	Right edge	10g SAR			0.068			0.08
	gg.	Deviation			0.09			0.09
		1g SAR			0.411			0.48
	Bottom edge	10g SAR			0.229			0.27
		Deviation			-0.14			-0.14
	Device	SAR	Meas	sured SAR	N/kg]	Rep	orted SAR M	//kg]
Mode	Device	measureme	19100	18900	18700	19100	18900	18700
woode	orientation	incasurence					10500	10/00
Mode	orientation	nt	19100	10000				
Mode		and the second second second second	23.50	23.50	23.50		Scaling factor	•
20MHz	Tun	nt	and a second				Scaling factor 1.20	• 1.17
	Tun Measured F	nt e-up	23.50	23.50	23.50	5		
20MHz	Tun Measured F	nt e-up Power [dBm]	23.50	23.50	23.50	5		
20MHz QPSK100%	Tun Measured F	nt e-up Power [dBm] 1g SAR	23.50	23.50	23.50	5		
20MHz QPSK100%	Tun Measured F Front	nt e-up Power [dBm] 1g SAR 10g SAR Deviation	23.50	23.50	23.50	5		
20MHz QPSK100% RB	Tun Measured F	nt e-up Power [dBm] 1g SAR 10g SAR	23.50	23.50	23.50 22.83	5		1.17



#### Table 14-13 LTE1700-FDD4 #1 Head

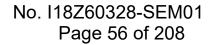
			LTE1	700-FDD4 #1	Head			
Ambient Te	emperature:	22.5					mperature:	22.3
	Device	SAR	Meas	sured SAR [	N/kg]	Reported SAR [W/kg]		
Mode	orientation	measureme	20300	20175	20050	20300	20175	20050
	onentation	nt	М	м	м	м	м	м
		e-up	24.00	24.00	24.00		Scaling factor	
	Measured F	ower [dBm]	23.48	23.38	23.40	1.13	1.15	1.15
		1g SAR	0.349			0.39		
	Left Cheek	10g SAR	0.227			0.26		
		Deviation	0.06			0.06		
		1g SAR	0.123			0.14		
20MHz QPSK1RB	Left Tilt	10g SAR	0.082			0.09		
		Deviation	0.04			0.04		
		1g SAR	0.28			0.32		
	<b>Right Cheek</b>	10g SAR	0.184			0.21		
		Deviation	0.01			0.01		
		1g SAR	0.123			0.14		
	<b>Right Tilt</b>	10g SAR	0.079			0.09		
	_	Deviation	-0.08			-0.08		
		SAR	Meas	sured SAR	N/kg]	Rep	orted SAR [	N/kg]
TRUE	Device	measureme	20300	20175	20050	20300	20175	20050
	orientation	nt	M	м	L	м	м	L
	Tune-up		23.00	23.00	23.00		Scaling factor	
		ower [dBm]	22.29	22.16	22.21	1.18	1.21	1.20
	Left Cheek	1g SAR	0.27			0.32		
		10g SAR	0.176	•••••••		0.21		
		Deviation	-0.01			-0.01		
		1g SAR	0.108			0.13		
20MHz	Left Tilt	10g SAR	0.067		••••••	0.08		
QPSK50%		Deviation	-0.05			-0.05		
RB		1g SAR	0.22			0.26	·····	
	<b>Right Cheek</b>	10g SAR	0.144		••••••	0.17		
	g	Deviation	-0.09			-0.09		······
		1g SAR	0.098			0.12		
	Right Tilt	10g SAR	0.061			0.07		
	rught mit	Deviation	0.03			0.07		
				sured SAR	Allea]		orted SAR	Al/ka]
	Device	SAR	Weas	sured SAR	w/kgj	Rep	I SAR	w/kgj
Mode	orientation	measureme nt	20300	20175	20050	20300	20175	20050
	Tur	e-up	22.00	22.00	22.00		Scaling factor	-
0000			23.00	23.00	23.00			
20MHz	Measured F	ower [dBm]	22.24	22.06	22.16	1.19	1.24	1.21
QPSK100%		1g SAR						
RB	Left Cheek	10g SAR						
		Deviation						
20MHz		1g SAR	0.344			0.39		
QPSK1RB B2	Worst Case	10g SAR	0.224			0.25		
		Deviation	0.02		000000000000000000000000000000000000000	0.02	Conversion 000000000000000000000000000000000000	************************************





#### Table 14-14 LTE1700-FDD4 #1 Body

			LTE1	1700-FDD4 #1	Body			
Ambient Te	emperature:	22.5				Liquid Ter	mperature:	22.3
	Device	SAR	Measured SAR [W/kg]			Reported SAR [W/kg]		
Mode	Device	measureme	20300	20175	20050	20300	20175	20050
	orientation	nt	М	м	м	м	м	М
	Tun	e-up	24.00	24.00	24.00	5	Scaling factor	ж
	Measured F	Power [dBm]	23.48	23.38	23.40	1.13	1.15	1.15
		1g SAR	0.494			0.56		
	Front	10g SAR	0.303			0.34		
		Deviation	0.09			0.09		
		1g SAR	0.546			0.61		
	Rear	10g SAR	0.346			0.39		
20MHz		Deviation	-0.05			-0.05		
QPSK1RB		1g SAR	0.278			0.31		
UP SKIKB	Left edge	10g SAR	0.171			0.19		
		Deviation	0.11			0.11		
		1g SAR	0.135			0.15		
	Right edge	10g SAR	0.086			0.10		
	222 134	Deviation	-0.02			-0.02		
		1g SAR	0.523			0.59		
	Bottom edge	10g SAR	0.292			0.33		
		Deviation	0.05	************************************		0.05		
	NUMBER	SAR	Meas	sured SAR	N/kg]	Rep	orted SAR M	V/kg]
Mode	Device	measureme	20300	20175	20050	20300	20175	20050
15 THE PODALE	orientation	nt	м	м	1			-
	Tun	e-up	23.00	23.00	23.00	5	Scaling factor	*
	Measured Power [dBm]		22.29	22.16	22.21	1.18	1.21	1.20
	measureur	1g SAR	0.387		EE.E I	0.46		
	Front	10g SAR	0.237			0.28		
		Deviation	0.12			0.12		
		1g SAR	0.429			0.50		
	Rear	10g SAR	0.271			0.32		
20MHz		Deviation	0.08			0.08		
QPSK50%		1g SAR	0.219			0.26		
RB	Left edge	10g SAR	0.134			0.16		
		Deviation	0.04			0.04		
		1g SAR	0.107			0.13		
	Right edge	10g SAR	0.068			0.08		
		Deviation	0.09			0.09		
		1g SAR	0.411			0.48		
	Bottom edge	10g SAR	0.229			0.27		
		Deviation	-0.14			-0.14		
	Device	SAR	Meas	sured SAR	N/kg]	Rep	orted SAR [V	V/kg]
Mode	orientation	measureme	20300	20175	20050	20300	20175	20050
	onentation	nt	20300	20175	20050	20300	20175	20050
	Tun	e-up	23.00	23.00	23.00	Ş	Scaling factor	
20MHz	Measured F	Power [dBm]	22.24	22.06	22.16	1.19	1.24	1.21
QPSK100%		1g SAR						
RB	Front	10g SAR						
		Deviation		*****				
20MHz		1g SAR	0.537			0.60		
QPSK1RB	Worst case	10g SAR	0.339	·····		0.38		••••••
		100 07 11						
B1	check	Deviation	0.11			0.11		



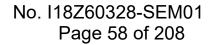


		LTE	850-FDD5 #1 I	Head			
emperature:	22.5						22.3
Device	SAR						
	measureme						20450
	nt						м
Measured F		22.76	22.86		1.06	1.03	<b>1.00</b> 0.17
L of Obsole							
Leп Спеек							0.14
							0.06
Left Tilt	-						0.10
							0.08
							-0.09
							0.21
Right Cheek	10g SAR			0.157			0.16
	Deviation			0.16			0.16
	1g SAR			0.111			0.11
Right Tilt	10g SAR			0.088			0.09
	Deviation			0.01			0.01
	SAR	Meas	sured SAR	W/kg]	Reported SAR [W/kg]		
Device	measureme	20600	20525	20450	20600	20525	20450
onematori	nt	м	L	M	м	L	м
Tune-up		22.00	22.00	22.00		Scaling factor	*
Measured F	Power [dBm]	21.85	21.92	21.95	1.03	1.02	1.01
Left Cheek	1g SAR			0.127			0.13
	10g SAR			0.1			0.10
	Deviation			0.03			0.03
Left Tilt	1g SAR			0.076			0.08
	10g SAR			0.06			0.06
	Deviation			-0.01			-0.01
	1g SAR			0.154			0.16
<b>Right Cheek</b>	10g SAR			0.117			0.12
	Deviation			-0.05			-0.05
	1g SAR			0.081			0.08
Right Tilt				0.065			0.07
	Deviation			0.02			0.02
	SAR	Meas	sured SAR	N/kg]	Rep	orted SAR N	V/kg]
Device orientation	measureme	20600	20525	20450	20600	20525	20450
Tun	e-up	22.00	22.00	22.00		Scaling factor	
	e-up Power [dBm]	22.00 21.81	22.00 21.88	22.00 21.92		Scaling factor	
Measured F	Power [dBm]	22.00 21.81	22.00 21.88	22.00 21.92	1.04	Scaling factor	1.02
Measured F	Power [dBm] 1g SAR						
Measured F	Power [dBm] 1g SAR 10g SAR						
Measured F	Power [dBm] 1g SAR 10g SAR Deviation			21.92			1.02
Measured F	Power [dBm] 1g SAR 10g SAR						
	Device orientation Measured F Left Cheek Left Tilt Right Cheek Right Tilt Device orientation Measured F Left Cheek Left Tilt Right Cheek Right Tilt	Device orientationSAR measureme ntTur-ryMeasured Formal measured Formal ntMeasured Formal measured Formal ntMeasured Formal measured Formal ntMeasured Formal measured Formal ntMeasured Formal measured ntLeft Tilt10g SAR 10g SAR 10g SAR 10g SAR 10g SAR 10g SAR 10g SAR 10g SAR 10g SAR ntMeasured Formal orientationMeasured Formal measureme ntMeasured Formal measureme ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasured Formal ntMeasureme<	cmperature:22.5Device orientationSAR measuremeMeasureme0000ntMTurrup23.00Measured19 SAR22.76Measured10g SAR22.76Left Cheek10g SAR100 SARLeft Tilt10g SAR100 SARLeft Tilt10g SAR100 SARMapped SAR100 SAR20600Mapped SARMeasureme20600Mapped SAR100 SAR2000Measureme2000100 SARMapped SAR100 SAR21.85Mapped SAR100 SAR100 SARLeft Cheek100 SAR21.85Mapped SAR100 SAR100 SARLeft Tilt100 SAR100 SARLeft Tilt100 SAR100 SARMapped SAR100 SAR100 SAR </td <td>Properature:22.5Device orientationSAR measuremeMeasured SAR [ 20600ntMMTure-up23.0023.00Measured Power [dBm]22.7622.86Measured Power [dBm]22.7622.861g SARIog SARIog SARLeft Cheek10g SARIog SAR1g SARIog SARIog SARNag SARIog SARIog SARIntIng SARIog SARIng SARIog SARIog SARIng SARI</td> <td>Device orientationSAR measureme ntMeasured SAR [W/kg]206002052520450MMMTune-up23.0023.0023.00Measured Power [dBm]22.7622.8623.00Left Cheek10g SAR0.1350.135Deviation0.060.06Left Tilt10g SAR0.006Deviation0.0060.0011Left Tilt10g SAR0.0011Ig SAR0.00110.001Deviation0.01570.009Ig SAR0.0160.016Deviation0.160.016Deviation0.0160.011Ig SAR0.0080.011Deviation0.0160.011Deviation0.010.01Deviation0.010.01Masser2060020525Deviation2050520450Measured Power [dBm]21.8521.92Left Cheek10g SAR0.017Deviation0.030.03Left Tilt10g SAR0.076Ig SAR0.0760.03Left Tilt10g SAR0.076Deviation0.030.0117Deviation0.030.03Right Tilt10g SAR0.076Deviation0.030.03Deviation0.030.05Deviation0.050.05Deviation0.020.055Deviation0.020.025Deviation0.066<!--</td--><td>Imperature:Liquid Termeasureme orientationOrientationSAR neasureme ntMeasured SAR [W/kg]Rep Rep (M/kg]ntMMMMTure-up23.0023.0023.0023.00Measured Power [dBm]22.7622.8623.001.061g SAR0.170.1350.1350.135Left Cheek1g SAR0.1010.060.061g SAR0.0060.0060.0060.0061g SAR0.1010.060.0160.061g SAR0.0110.0060.0160.061g SAR0.0110.0060.0160.0161g SAR0.0110.160.160.0161g SAR0.0110.0160.0160.0161g SAR0.0110.0080.0160.061g SAR0.0110.0160.0160.061g SAR0.0110.0160.0160.016Deviation0.010.0110.0160.016Deviation0.020205252045020600Measureme nt22.0022.0022.0022.00Measureme nt1g SAR0.01270.0111g SAR0.0120.0271.031g SAR0.0120.0260.026Measureme nt1g SAR0.0120.026Deviation0.020.0260.026Deviation0.010.030.0261g SAR0.0110.030.066&lt;</td><td>Imperature:Liquid Temperature:Liquid Temperature:Device orientationSARMeasured SAR [V/kg]Reputed SAR [V Reputed SAR [V 20600ntMMMMMMTume-up23.0023.0023.0023.00Caling factorMeasured Power [dBm]22.7622.8623.001.061.031g SAR0.170.161.031.03Left Check10g SAR0.0110.061.03Deviation0.060.060.061.031g SAR0.0110.060.061.031g SAR0.0110.0811.031g SAR0.0160.0611.031g SAR0.0160.0611.03Name0.0810.0611.031g SAR0.0160.0611.031g SAR0.0110.0881.03Name0.0880.0111.02NameSARMeasured SAR [V/kg]Reputed SAR [VDevice orientationSARMeasured SAR [V/kg]Reputed SAR [VName2060020525204502060020525NameSARMeasured SAR [V/kg]Reputed SAR [VName1g SAR0.0121.031.02Left Tilt10g SAR0.0160.031.02Name1g SAR0.0160.021.031.02Masser Deviation0.020.026&lt;</td></td>	Properature:22.5Device orientationSAR measuremeMeasured SAR [ 20600ntMMTure-up23.0023.00Measured Power [dBm]22.7622.86Measured Power [dBm]22.7622.861g SARIog SARIog SARLeft Cheek10g SARIog SAR1g SARIog SARIog SARNag SARIog SARIog SARIntIng SARIog SARIng SARIog SARIog SARIng SARI	Device orientationSAR measureme ntMeasured SAR 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SAR0.0110.0060.0160.0161g SAR0.0110.160.160.0161g SAR0.0110.0160.0160.0161g SAR0.0110.0080.0160.061g SAR0.0110.0160.0160.061g SAR0.0110.0160.0160.016Deviation0.010.0110.0160.016Deviation0.020205252045020600Measureme nt22.0022.0022.0022.00Measureme nt1g SAR0.01270.0111g SAR0.0120.0271.031g SAR0.0120.0260.026Measureme nt1g SAR0.0120.026Deviation0.020.0260.026Deviation0.010.030.0261g SAR0.0110.030.066&lt;</td> <td>Imperature:Liquid Temperature:Liquid Temperature:Device orientationSARMeasured SAR [V/kg]Reputed SAR [V Reputed SAR [V 20600ntMMMMMMTume-up23.0023.0023.0023.00Caling factorMeasured Power [dBm]22.7622.8623.001.061.031g SAR0.170.161.031.03Left Check10g SAR0.0110.061.03Deviation0.060.060.061.031g SAR0.0110.060.061.031g SAR0.0110.0811.031g SAR0.0160.0611.031g SAR0.0160.0611.03Name0.0810.0611.031g SAR0.0160.0611.031g SAR0.0110.0881.03Name0.0880.0111.02NameSARMeasured SAR [V/kg]Reputed SAR [VDevice orientationSARMeasured SAR [V/kg]Reputed SAR [VName2060020525204502060020525NameSARMeasured SAR [V/kg]Reputed SAR [VName1g SAR0.0121.031.02Left Tilt10g SAR0.0160.031.02Name1g SAR0.0160.021.031.02Masser Deviation0.020.026&lt;</td>	Imperature:Liquid Termeasureme orientationOrientationSAR neasureme ntMeasured SAR [W/kg]Rep Rep (M/kg]ntMMMMTure-up23.0023.0023.0023.00Measured Power [dBm]22.7622.8623.001.061g SAR0.170.1350.1350.135Left Cheek1g SAR0.1010.060.061g SAR0.0060.0060.0060.0061g SAR0.1010.060.0160.061g SAR0.0110.0060.0160.061g SAR0.0110.0060.0160.0161g SAR0.0110.160.160.0161g SAR0.0110.0160.0160.0161g SAR0.0110.0080.0160.061g SAR0.0110.0160.0160.061g SAR0.0110.0160.0160.016Deviation0.010.0110.0160.016Deviation0.020205252045020600Measureme nt22.0022.0022.0022.00Measureme nt1g SAR0.01270.0111g SAR0.0120.0271.031g SAR0.0120.0260.026Measureme nt1g SAR0.0120.026Deviation0.020.0260.026Deviation0.010.030.0261g SAR0.0110.030.066<	Imperature:Liquid Temperature:Liquid Temperature:Device orientationSARMeasured SAR [V/kg]Reputed SAR [V Reputed SAR [V 20600ntMMMMMMTume-up23.0023.0023.0023.00Caling factorMeasured Power [dBm]22.7622.8623.001.061.031g SAR0.170.161.031.03Left Check10g SAR0.0110.061.03Deviation0.060.060.061.031g SAR0.0110.060.061.031g SAR0.0110.0811.031g SAR0.0160.0611.031g SAR0.0160.0611.03Name0.0810.0611.031g SAR0.0160.0611.031g SAR0.0110.0881.03Name0.0880.0111.02NameSARMeasured SAR [V/kg]Reputed SAR [VDevice orientationSARMeasured SAR [V/kg]Reputed SAR [VName2060020525204502060020525NameSARMeasured SAR [V/kg]Reputed SAR [VName1g SAR0.0121.031.02Left Tilt10g SAR0.0160.031.02Name1g SAR0.0160.021.031.02Masser Deviation0.020.026<



#### Table 14-16 LTE850-FDD5 #1 Body

			LTE	850-FDD5 #1	Body			
Ambient Te	emperature:	22.5				Liquid Ter	nperature:	22.3
	Device	SAR	Meas	sured SAR	W/kg]	Rep	orted SAR [V	V/kg]
Mode	Device orientation	measureme	20600	20525	20450	20600	20525	20450
	onentation	nt	М	м	м	М	м	м
	Tun	e-up	23.00	23.00	23.00	5	Scaling factor	*
	Measured F	Power [dBm]	22.76	22.86	23.00	1.06	1.03	1.00
		1g SAR			0.207			0.21
	Front	10g SAR			0.148			0.15
		Deviation			0.05			0.05
	11 (2010) 1 (10)	1g SAR			0.254			0.25
	Rear	10g SAR			0.144			0.14
10MHz		Deviation			-0.02			-0.02
QPSK1RB		1g SAR			0.184			0.18
di ontrito	Left edge	10g SAR			0.078			0.08
		Deviation			0.04			0.04
		1g SAR			0.224			0.22
	Right edge	10g SAR			0.148			0.15
		Deviation			0.01			0.01
		1g SAR			0.08			0.08
	Bottom edge				0.039			0.04
		Deviation			-0.09			-0.09
Device		SAR	Meas	sured SAR	W/kg]	Rep	orted SAR [V	V/kg]
Mode	orientation	measureme	20600	20525	20450	20600	20525	20450
	onemation	nt	М	L	м			
	Tune-up		22.00	22.00	22.00	5	Scaling factor	*
	Measured Power [dBm]		21.85	21.92	21.95	1.03	1.02	1.01
		1g SAR			0.153			0.15
	Front	10g SAR			0.11			0.11
		Deviation			-0.03			-0.03
	Rear	1g SAR			0.188			0.19
10141		10g SAR			0.121			0.12
10MHz		Deviation			0.02			0.02
QPSK50%		1g SAR			0.091			0.09
RB	Left edge	10g SAR			0.06			0.06
		Deviation			0.1		<b></b>	0.10
	Dishtadaa	1g SAR 10g SAR			0.17	•••••		0.17
	Right edge	Deviation			-0.05			-0.05
		1g SAR			0.077		·····	0.08
	Bottom edge	10g SAR			0.038			0.04
	Dollom edge	Deviation			0.04			0.04
		SAR	Meas	sured SAR		Rep	orted SAR [V	
Mode	Device	measureme		1	1			2010/10/06/01 10:00
mode	orientation	nt	20600	20525	20450	20600	20525	20450
	Tun	e-up	22.00	22.00	22.00	5	Scaling factor	•
10MHz	Measured F	Power [dBm]	21.81	21.88	21.92	1.04	1.03	1.02
QPSK100%		1g SAR						
RB	Front	10g SAR						
		Deviation		*****				
10MHz	100000000000000000000000000000000000000	1g SAR			0.251			0.25
QPSK1RB	Worst case	10g SAR			0.134	••••••	••••••	0.13
B1	check	Deviation			0.01			0.01





			LTE2	500-FDD7 #1	Head				
Ambient Temperature: 22.5						Liquid Temperature: 22.3			
Mode	Denter	SAR	SAR Measured SAR [W/kg]			Reported SAR [W/kg]			
	Device	measureme	21350	21100	20850	21350	21100	20850	
	orientation	nt	М	м	м	м	м	М	
	Tune-up		24.00	24.00	24.00		Scaling factor		
20MHz QPSK1RB	Measured F	Power [dBm]	23.23	23.45	23.73	1.19	1.13	1.06	
	Left Cheek Left Tilt	1g SAR			0.157			0.17	
		10g SAR			0.084			0.09	
		Deviation			0.02			0.02	
		1g SAR			0.081			0.09	
		10g SAR			0.044			0.05	
		Deviation			0.04			0.04	
	Right Cheek	1g SAR			0.096			0.10	
		10g SAR			0.051			0.05	
		Deviation			0.02			0.02	
	Right Tilt	1g SAR			0.086			0.09	
		10g SAR			0.046			0.05	
		Deviation			0.06			0.06	
TRUE	Device orientation	SAR	Measured SAR [W/kg]		Reported SAR [W/kg]				
		measureme	21350	21100	20850	21350	21100	20850	
		nt	L	м	M	L	M	м	
20MHz QPSK50% RB	Tune-up		23.00	23.00	23.00		Scaling factor		
	Measured F	ower [dBm]	22.00	22.23	22.54	1.26	1.19	1.11	
	Left Cheek	1g SAR			0.134			0.15	
		10g SAR			0.072			0.08	
		Deviation			-0.02			-0.02	
	Left Tilt Right Cheek	1g SAR			0.063			0.07	
		10g SAR			0.034			0.04	
		Deviation			-0.04			-0.04	
		1g SAR			0.073			0.08	
		10g SAR			0.039			0.04	
		Deviation			0.09			0.09	
	Right Tilt	1g SAR			0.067			0.07	
		10g SAR			0.036			0.04	
		Deviation			0.06			0.06	
Mode	Device orientation	SAR	Measured SA		N/kg]	Reported SAR [W/kg]			
		measureme nt	21350	21100	20850	21350	21100	20850	
	Tune-up		23.00	23.00	23.00	Scaling factor*		•	
20MHz	Measured F	Power [dBm]	21.99	22.24	22.50	1.26	1.19	1.12	
QPSK100% RB	Left Cheek	1g SAR							
		10g SAR							
		Deviation							
20MHz		1g SAR			0.154			0.16	
0001000	Worst Case	100 SAD			0.081			0.09	
QPSK1RB	worst Case	10g SAR			0.081			0.09	

#### Table 14-17 LTE2500-FDD7 #1 Head