No. I17Z62077-SEM01 Page 51 of 191



Table 14-9 WCDMA850-BV #1Head

			WCD	MA850-BV #1H	lead				
Ambient	Temperature:	22.5				Liquid Ter	mperature:	22.3	
100	Device	SAR	Measured SAR [W/kg]			Reported SAR [W/kg]			
Mode	orientation	measurement	CH4233 846.6 MHz	CH4182 835.4 MHz	CH4132 826.4 MHz	CH4233 846.6 MHz	CH4182 835.4 MHz	CH4132 826.4 MHz	
	Tur	ne-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		
RIVIC		Deviation		0.09			0.09		
		1g SAR	0.339	0.3	0.283	0.36	0.32	0.29	
	Right Cheek	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		
DHC		1g SAR	0.331			0.35			
RMC B2	Worst Case	10g SAR	0.244			0.26			
82		Deviation	0.01			0.01			

Table 14-10 WCDMA850-BV #1Body

			WCE	MA850-BV #18	Body			
Ambient [®]	Temperature:	22.5				Liquid Ter	mperature:	22.3
100 T 100 T	orientation	SAR	Measured SAR [W/kg]			Reported SAR [W/kg]		
Mode		measurement	CH4233 846.6 MHz	CH4182 835.4 MHz	CH4132 826.4 MHz	CH4233 846.6 MHz	CH4182 835.4 MHz	CH4132 826.4 MHz
	Tur	ne-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		0.284			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	
	1.1.1	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		10g SAR	0.229			0.24		
DI	check	Deviation	0.03			0.03		

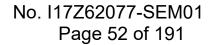




Table 14-11 LTE1900-FDD2 #1 Head

			LTE1	900-FDD2 #1	Head			
Ambient Te	emperature:	22.5				Liquid Ten	nperature:	22.3
	Device	SAR		sured SAR	N/kg]	Repo	orted SAR [V	V/kg]
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]	23.93	23.93	24.03	1.14	1.14	1.12
	Left Obeels	1g SAR			0.314			0.35
	Left Cheek	10g SAR			0.194			0.22
		Deviation			0.01			0.01
	1 . 6 . 7	1g SAR			0.117			0.13
20MHz	Left Tilt	10g SAR			0.074			0.08
QPSK1RB		Deviation			0.05			0.05
		1g SAR			0.248			0.28
	Right Cheek	10g SAR			0.15			0.17
		Deviation			0.11			0.11
		1g SAR			0.095			0.11
	Right Tilt	10g SAR			0.052			0.06
		Deviation			0.04			0.04
		SAR	Meas	sured SAR	N/kg]	Repo	Reported SAR	
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		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
20MHz	Left Tilt	1g SAR			0.095			0.11
QPSK50%		10g SAR			0.06			0.07
RB		Deviation			0.15			0.15
KD		1g SAR			0.196			0.23
	Right Cheek	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 [W	V/kg]
Mode	Device orientation	measureme nt	19100	18900	18700	19100	18900	18700
	Tun	e-up	23.50	23.50	23.50	S	Scaling factor	•
20MHz		ower [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	900-FDD2 #1	Body			
emperature:	22.5				Liquid Ter	nperature:	22.3
	SAR	Meas	sured SAR [N/kg]	Rep	orted SAR [M	//kg]
	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
				-0.05			-0.05
	1g SAR			0.278			0.31
Left edge							0.19
							0.11
D : 1:							0.15
Right edge							0.10
							-0.02
1.							0.58
Bottom edge	******************************						0.33
							0.05
Device		and the second sec		and the second se	Contraction and a second second	Contraction of the second s	
	and the second second second	19100	18900	18700	19100	18900	18700
	19755	L	L	М			
Tune-up		23.50	23.50	23.50	5	Scaling factor	•
Measured Power [dBm]		22.67	22.78	22.85	1.21	1.18	1.16
							0.45
Front							0.27
							0.12
-							0.50
Rear							0.08
							0.08
Leftedge						••••••	0.25
Leneuge		••••••					0.04
							0.12
Right edge				0.068			0.08
	*******************************		••••••••••	0.09			0.09
				0.411			0.48
Dettern edge				0.229			0.27
Bottom edge	10g SAR			UILLU			0.44
Bollom edge	10g SAR Deviation			-0.14			-0.14
-		Meas	sured SAR []	-0.14	Rep	orted SAR [M	
Device	Deviation		2	-0.14 V/kg]			//kg]
-	Deviation SAR	Meas 19100	<u>sured SAR [</u> 18900	-0.14	Rep 19100	orted SAR [M 18900	
Device orientation	Deviation SAR measureme		2	-0.14 V/kg]	19100		//kg] 18700
Device orientation Tun	Deviation SAR measureme nt	19100	18900	-0.14 V/kg] 18700	19100	18900	//kg] 18700
Device orientation Tun	Deviation SAR measureme nt e-up	19100 23.50	18900 23.50	-0.14 W/kg] 18700 23.50	19100 S	18900 Scaling factor	//kg] 18700 *
Device orientation Tun	Deviation SAR measureme nt e-up Power [dBm]	19100 23.50	18900 23.50	-0.14 W/kg] 18700 23.50	19100 S	18900 Scaling factor	//kg] 18700 *
Device orientation Tun Measured F	Deviation SAR measureme nt e-up Power [dBm] 1g SAR	19100 23.50	18900 23.50	-0.14 W/kg] 18700 23.50	19100 S	18900 Scaling factor	//kg] 18700 *
Device orientation Tun Measured F Front	Deviation SAR measureme nt e-up Power [dBm] 1g SAR 10g SAR	19100 23.50	18900 23.50	-0.14 W/kg] 18700 23.50	19100 S	18900 Scaling factor	//kg] 18700 *
Device orientation Tun Measured F	Deviation SAR measureme nt e-up ower [dBm] 1g SAR 10g SAR Deviation	19100 23.50	18900 23.50	-0.14 W/kg] 18700 23.50 22.83	19100 S	18900 Scaling factor	//kg] 18700 * 1.17
	Device orientation Tun Measured F Front Rear Left edge Bottom edge Oevice orientation Tun Measured F Front Rear Left edge Right edge	Device orientationSAR measureme ntTu	mperature:22.5Device orientationSAR measureme ntMeasureme 19100Orientation19100MTurrup24.50Measured Power [dBm]23.93Front10g SAR10g SAR-Pront10g SAR10g SAR-10g SAR-	megerature:22.5SAR measuremeMeasured SAR [V measurement1910018900nt00Measured Power [dBm]23.9323.93Ture-up24.5024.50Measured Power [dBm]23.9323.93Front10g SAR23.9310g SAR100 SAR23.93Pront10g SAR23.9310g SAR100 SAR23.93Measured Power [dBm]23.9323.9310g SAR100 SAR24.50Deviation100 SAR20.000Deviation100 SAR20.000Deviation100 SAR20.00010g SAR100 SAR20.000Deviation100 SAR20.000Mageration100 SAR20.000Deviation100 SAR20.000Deviation100 SAR20.000Deviation100 SAR20.000Deviation100 SAR20.000Deviation100 SAR20.000Measureme100 SAR20.000No110 SAR20.000Measureme100 SAR	Device orientation SAR measureme nt Measured SAR [W/kg] 19100 18900 18700 M M M Tur-up 24.50 24.50 Measured Power [dBm] 23.93 23.93 24.03 Measured Power [dBm] 23.93 23.93 24.03 Measured Power [dBm] 23.93 24.03 0.494 Tog SAR 0.0303 0.09 0.09 Deviation 0.0303 0.09 0.09 Rear 10g SAR 0.0346 0.346 10g SAR 0.0346 0.0346 0.0346 Deviation 0.0171 0.0278 0.278 Left edge 10g SAR 0.0171 0.020 Deviation 0.011 0.01 0.02 Bottom edge 10g SAR 0.028 0.028 Deviation 0.029 0.029 0.029 Deviation 0.02 0.029 0.029 Deviation 10g SAR 0.029 0.029 <	Imperature: 22.5 Liquid Termeasureme orientation SAR measureme nt Measured SAR [W/kg] Repureme Repureme orientation nt M <t< td=""><td>Imperature: 22.5 Liquid Temperature: SAR measurem orientation SAR measurem nt Measured SAR [W/kg] Reported SAR [M 19100 18900 19700 18900 19700 18900 Tum-up 24.50 24.50 24.50 Scaling factor Measured Power [dBm] 23.93 23.93 24.03 1.14 1.14 Front 10g SAR 0.494 0.303 0.494 0.494 Power [dBm] 23.93 23.93 24.03 1.14 1.14 Measured Power [dBm] 29.87 0.494 0.494 0.494 0.494 Ing SAR 0.0303 0.099 0.494 0.414 0.414 1.14 1.14 1.14 1.14 1.14 1.14 1.14</td></t<>	Imperature: 22.5 Liquid Temperature: SAR measurem orientation SAR measurem nt Measured SAR [W/kg] Reported SAR [M 19100 18900 19700 18900 19700 18900 Tum-up 24.50 24.50 24.50 Scaling factor Measured Power [dBm] 23.93 23.93 24.03 1.14 1.14 Front 10g SAR 0.494 0.303 0.494 0.494 Power [dBm] 23.93 23.93 24.03 1.14 1.14 Measured Power [dBm] 29.87 0.494 0.494 0.494 0.494 Ing SAR 0.0303 0.099 0.494 0.414 0.414 1.14 1.14 1.14 1.14 1.14 1.14 1.14

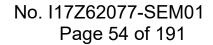




Table 14-13 LTE1700-FDD4 #1 Head

			LTE1	700-FDD4 #1	Head			
Ambient Te	emperature:	22.5				Liquid Ter	mperature:	22.3
	Device	SAR	Meas	sured SAR	N/kg]	Repo	orted SAR [V	V/kg]
Mode	orientation	measureme	20300	20175	20050	20300	20175	20050
		nt	М	м	м	м	м	м
		e-up	24.00	24.00	24.00		Scaling factor	
	Measured F	Power [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	Left Tilt	10g SAR	0.082			0.09		
QPSK1RB		Deviation	0.04			0.04		
		1g SAR	0.28			0.32		
	Right Cheek	10g SAR	0.184			0.21		
		Deviation	0.01			0.01		
		1g SAR	0.123			0.14		
	Right Tilt	10g SAR	0.079			0.09		
		Deviation	-0.08			-0.08		
		SAR	Meas	sured SAR	W/kg]	Repo	orted SAR [W	V/kg]
TRUE	Device	measureme	20300	20175	20050	20300	20175	20050
	orientation	nt	м	м	L	м	M	L
	Tune-up		23.00	23.00	23.00	5	Scaling factor	*
	Measured F	Power [dBm]	22.29	22.16	22.21	1.18	1.21	1.20
		1g SAR	0.27			0.32		
	Left Cheek	10g SAR	0.176		·····	0.21		
		Deviation	-0.01			-0.01		
	Left Tilt	1g SAR	0.108			0.13		
20MHz		10g SAR	0.067			0.08		
QPSK50%		Deviation	-0.05			-0.05		
RB		1g SAR	0.22			0.26		
	Right Cheek		0.144			0.17		
		Deviation	-0.09			-0.09		
		1g SAR	0.098		h	0.12		
	Right Tilt	10g SAR	0.061			0.07		
		Deviation	0.03			0.03		
	-			sured SAR	N/ka]		orted SAR	V/kal
14.4.	Device	SAR	mou		, and the second s	Ttop		
Mode	orientation	measureme nt	20300	20175	20050	20300	20175	20050
	Tun	e-up	23.00	23.00	23.00	c	Scaling factor	*
20MHz		Power [dBm]	22.24	23.00	23.00	1.19	1.24	1.21
QPSK100%			22.24	22.00	22.10	1.13	1.24	1.21
RB	Left Cheek	1g SAR	••••••	••••••				
ND	Leit Cheek	10g SAR						••••••
20MHz		Deviation	0.244			0.20		
QPSK1RB	Worst Ossa	1g SAR 10g SAR	0.344			0.39		
The second second second second	Worst Case	Deviation	0.224			0.25		
B2		Deviation	0.02			0.02		



No. I17Z62077-SEM01 Page 55 of 191

Table 14-14 LTE1700-FDD4 #1 Body

			LTE1	1700-FDD4 #1	Body			
Ambient Te	emperature:	22.5				Liquid Te	mperature:	22.3
		SAR	Meas	sured SAR [W/kg]	Rep	orted 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	:	Scaling factor	*
	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		
4. 0	Left edge	10g SAR	0.171			0.19		
		Deviation	0.11			0.11	ļ	
		1g SAR	0.135			0.15	<u> </u>	
-	Right edge	10g SAR	0.086			0.10	<u> </u>	
		Deviation	-0.02			-0.02		
		1g SAR	0.523			0.59		
	Bottom edge		0.292			0.33	<u> </u>	
		Deviation	0.05			0.05		
	Device	SAR		sured SAR		CONTRACTOR DATA	orted SAR [W	C
Mode	orientation	measureme	20300	20175	20050	20300	20175	20050
		nt	М	M	L			
	Tun	e-up	23.00	23.00	23.00		Scaling factor	*
	Measured F	Power [dBm]	22.29	22.16	22.21	1.18	1.21	1.20
		1g SAR	0.387			0.46		
	Front	10g SAR	0.237			0.28		
		Deviation	0.12			0.12		
		1g SAR	0.429			0.50		
20MHz	Rear	10g SAR Deviation	0.271			0.32	<u>+</u>	
QPSK50%		1g SAR	0.08			0.08		
RB	Left edge	10g SAR	0.134					
	Leneuge	109 07 4 1				0.16		
		Deviation	0.04			0.16		
		Deviation 1g SAR	0.04			0.04		
	Right edge	1g SAR	0.04 0.107 0.068					
	Right edge	1g SAR 10g SAR	0.107 0.068			0.04 0.13 0.08		
	Right edge	1g SAR	0.107			0.04 0.13		
	Right edge Bottom edge	1g SAR 10g SAR Deviation	0.107 0.068 0.09			0.04 0.13 0.08 0.09		
		1g SAR 10g SAR Deviation 1g SAR	0.107 0.068 0.09 0.411 0.229 -0.14			0.04 0.13 0.08 0.09 0.48 0.27 -0.14		
	Bottom edge	1g SAR 10g SAR Deviation 1g SAR 10g SAR	0.107 0.068 0.09 0.411 0.229 -0.14	sured SAR [W/kg]	0.04 0.13 0.08 0.09 0.48 0.27 -0.14	orted SAR [V	//kg]
Mode	Bottom edge Device	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation	0.107 0.068 0.09 0.411 0.229 -0.14 Meas	Construction and a second second	1 	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep		
Mode	Bottom edge	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR	0.107 0.068 0.09 0.411 0.229 -0.14	sured SAR [20175	W/kg] 20050	0.04 0.13 0.08 0.09 0.48 0.27 -0.14	orted SAR [V 20175	//kg] 20050
Mode	Bottom edge Device orientation	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR measureme	0.107 0.068 0.09 0.411 0.229 -0.14 Meas	Construction and a second second	1 	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep 20300		20050
Mode 20MHz	Bottom edge Device orientation Tun	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR measureme nt	0.107 0.068 0.09 0.411 0.229 -0.14 Meas 20300	20175	20050	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep 20300	20175	20050
	Bottom edge Device orientation Tun	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR measureme nt e-up	0.107 0.068 0.09 0.411 0.229 -0.14 Meas 20300 23.00	20175 23.00	20050 23.00	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep 20300	20175 Scaling factor	20050
20MHz	Bottom edge Device orientation Tun	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm]	0.107 0.068 0.09 0.411 0.229 -0.14 Meas 20300 23.00	20175 23.00	20050 23.00	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep 20300	20175 Scaling factor	20050
20MHz QPSK100%	Bottom edge Device orientation Tun Measured F	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm] 1g SAR	0.107 0.068 0.09 0.411 0.229 -0.14 Meas 20300 23.00	20175 23.00	20050 23.00	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep 20300	20175 Scaling factor	20050
20MHz QPSK100%	Bottom edge Device orientation Tun Measured F Front	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm] 1g SAR 10g SAR	0.107 0.068 0.09 0.411 0.229 -0.14 Meas 20300 23.00	20175 23.00	20050 23.00	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep 20300	20175 Scaling factor	20050
20MHz QPSK100% RB	Bottom edge Device orientation Tun Measured F	1g SAR 10g SAR Deviation 1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm] 1g SAR 10g SAR Deviation	0.107 0.068 0.09 0.411 0.229 -0.14 Meas 20300 23.00 22.24	20175 23.00	20050 23.00	0.04 0.13 0.08 0.09 0.48 0.27 -0.14 Rep 20300	20175 Scaling factor	20050

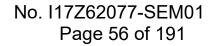




Table 14-15 LTE850-FDD5 #1 Head

			LTE	850-FDD5 #1 I	Head			
Ambient Te	emperature:	22.5				Liquid Ter	mperature:	22.3
	Deutiee	SAR	Meas	sured SAR	N/kg]	Repo	orted SAR [V	V/kg]
Mode	Device orientation	measureme	20600	20525	20450	20600	20525	20450
		nt	М	м	м	м	м	м
		e-up	23.00	23.00	23.00		Scaling factor	
	Measured F	Power [dBm]	22.76	22.86	23.00	1.06	1.03	1.00
		1g SAR			0.17	.		0.17
	Left Cheek	10g SAR			0.135	.		0.14
		Deviation			0.06			0.06
		1g SAR			0.101			0.10
10MHz	Left Tilt	10g SAR			0.081			0.08
QPSK1RB		Deviation			-0.09			-0.09
		1g SAR			0.207			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
	Ŭ	Deviation	••••••		0.01			0.01
		SAR	Meas	sured SAR	N/kg]	Rep	orted SAR [W	N/kg]
TRUE	Device	measureme	20600	20525	20450	20600	20525	20450
	orientation	nt	м	L	м	м	L	м
	Tune-up		22.00	22.00	22.00	ş	Scaling factor	*
	Measured Power [dBn		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
		1g SAR			0.076			0.08
10MHz	Left Tilt	10g SAR			0.06	[0.06
QPSK50%		Deviation			-0.01			-0.01
RB		1g SAR			0.154			0.16
	Right Cheek				0.117			0.12
	9	Deviation			-0.05			-0.05
		1g SAR			0.081			0.08
	Right Tilt	10g SAR			0.065			0.07
	rught filt	Deviation	•••••••		0.02			0.07
			Meas	sured SAR		Ren	orted SAR [V	2010 2000
	Device	SAR	Wicas		(Ng)	Пер		ing]
Mode	orientation	measureme nt	20600	20525	20450	20600	20525	20450
	Tun	e-up	22.00	22.00	22.00	ę	Scaling factor	~
10MHz		Power [dBm]	21.81	21.88	21.92	1.04	1.03	1.02
QPSK100%		1g SAR						
RB	Left Cheek	10g SAR						
	Lon oncor	Deviation						
10MHz		1g SAR			0.202			0.20
QPSK1RB	Worst Case	10g SAR			0.152	·····		0.15
a. on the							[



No. I17Z62077-SEM01 Page 57 of 191

Table 14-16 LTE850-FDD5 #1 Body

			LTE	850-FDD5 #1	Body			
Ambient Te	emperature:	22.5				Liquid Ter	mperature:	22.3
	Desident	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	r*
	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
		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
GI SICILIO	Left edge	10g SAR			0.078			0.08
		Deviation			0.04			0.04
		1g SAR			0.224			0.22
Ri	Right edge	10g SAR			0.148			0.15
	weet 1085	Deviation			0.01			0.01
Bottom e		1g SAR			0.08			0.08
	Bottom edge	10g SAR			0.039			0.04
		Deviation			-0.09			-0.09
			Meas	sured SAR	W/kg]	Rep	orted SAR [V	V/kg]
Mode	Device	measureme	20600	20525	20450	20600	20525	20450
	orientation	nt	м	L	M			
	Tune-up		22.00	22.00	22.00	5	Scaling factor	r*
	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
	TION	Deviation			-0.03			-0.03
		1g SAR			0.188			0.19
	Rear	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			0.10
	200002455 (Fes	1g SAR			0.17			0.17
	Right edge	10g SAR			0.112			0.11
		Deviation			-0.05			-0.05
		1g SAR			0.077			0.08
	Bottom edge	10g SAR			0.038			0.04
		Deviation			0.04			0.04
	Device	SAR	Meas	sured SAR [ww/kgj	Кер	orted SAR [V	v/Kgj
Mode	orientation	measureme	20600	20525	20450	20600	20525	20450
	-	nt						
	Tune-up		22.00	22.00	22.00	5	Scaling factor	
10141				04.00	04.00	1.0.1	1.00	4 00
10MHz	Measured F	ower [dBm]	21.81	21.88	21.92	1.04	1.03	1.02
QPSK100%	Measured F	Power [dBm] 1g SAR		21.88	21.92	1.04	1.03	1.02
	Measured F	Power [dBm] 1g SAR 10g SAR		21.88	21.92	1.04	1.03	1.02
QPSK100% RB	Measured F	Power [dBm] 1g SAR 10g SAR Deviation		21.88		1.04	1.03	
QPSK100% RB 10MHz	Measured F	Power [dBm] 1g SAR 10g SAR Deviation 1g SAR		21.88	0.251	1.04	1.03	0.25
QPSK100% RB	Measured F	Power [dBm] 1g SAR 10g SAR Deviation		21.88		1.04	1.03	

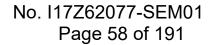




Table 14-17 LTE2500-FDD7 #1 Head

			LTE2	500-FDD7 #1	Head			
Ambient Te	emperature:	22.5					mperature:	22.3
	Device	SAR	Meas	sured SAR [V	V/kg]	Rep	orted SAR [V	V/kg]
Mode	orientation	measureme	21350	21100	20850	21350	21100	20850
		nt	М	м	М	м	м	м
		e-up	24.00	24.00	24.00		Scaling factor	
	Measured F	Power [dBm]	23.23	23.45	23.73	1.19	1.13	1.06 0.17
	Loft Obeek	1g SAR			0.157			
	Left Cheek	10g SAR			0.084			0.09
		Deviation			0.02			0.02
	1 - A T'h	1g SAR			0.081			0.09
20MHz	Left Tilt	10g SAR			0.044			0.05
QPSK1RB		Deviation			0.04		ļ	0.04
		1g SAR			0.096			0.10
	Right Cheek	10g SAR			0.051			0.05
		Deviation			0.02			0.02
		1g SAR			0.086			0.09
	Right Tilt	10g SAR			0.046			0.05
		Deviation			0.06			0.06
		SAR	Meas	sured SAR [V	V/kg]	Rep	orted SAR [W	V/kg]
TRUE	Device orientation	measureme	21350	21100	20850	21350	21100	20850
	onentation	nt	L	м	М	L	м	м
	Tune-up		23.00	23.00	23.00	ę	Scaling factor	*
	Measured F	Power [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
10000	Left Tilt	1g SAR			0.063			0.07
20MHz		10g SAR			0.034			0.04
QPSK50%		Deviation			-0.04	 		-0.04
RB		1g SAR			0.073			0.08
	Right Cheek				0.039	·····		0.04
		Deviation			0.09			0.09
		1g SAR			0.067	1		0.07
	Right Tilt	10g SAR			0.036			0.04
	3	Deviation			0.06			0.06
		SAR	Meas	sured SAR [V		Rep	orted SAR [V	
Mada	Device	10000000000	meta			Ttop		
Mode	orientation	measureme nt	21350	21100	20850	21350	21100	20850
	Tun	e-up	23.00	23.00	23.00	5	Scaling factor	*
20MHz		Power [dBm]	21.99	22.24	22.50	1.26	1.19	1.12
QPSK100%		1g SAR						
RB	Left Cheek	10g SAR						
	Lon oncor	Deviation			******			
20MHz		1g SAR			0.154			0.16
QPSK1RB	Worst Case	10g SAR			0.081			0.09
B2		Deviation			0.01			0.01



No. I17Z62077-SEM01 Page 59 of 191

Table 14-18 LTE2500-FDD7 #1 Body

		LTE2	500-FDD7 #1	Body			
mperature:	22.5				Liquid Ter	mperature:	22.3
Device	SAR	Meas	ured SAR	N/kg]	Rep	orted SAR [W	//kg]
	measureme	21350	21100	20850	21350	21100	20850
onentation	nt	М	М	м	м	м	М
Tun	e-up	24.00	24.00	24.00	5	Scaling factor	*
Measured F	Power [dBm]	23.23	23.45	23.73	1.19	1.13	1.06
	1g SAR			0.341			0.36
Front	10g SAR			0.18			0.19
	Deviation			0.01			0.01
	1g SAR			a characteristic free			0.61
Rear							0.30
				-			-0.05
							0.24
Left edge				*************************			0.14
							0.02
Diabteday							0.07
Right edge							0.05
							0.01
Demonstra							0.50
Bottom edge	******************************						0.23
		Moor	urod SAP		Pop	orted SAD M	
Device			2 martine and	The second s	CONTRACTOR CONTRACTOR	and the second second	100000000000000
orientation	and the second second second	21350	21100	20850	21350	21100	20850
	2020	L	м	M			
Tune-up							
		22.00	22.23		1.26	1.19	1.11
							0.29
Front							0.15
							-0.09
Deer							0.49
Rear	************************************					••••••	0.03
							0.19
Left edge					[·····		0.11
Lon ougo						••••••	0.05
				0.052			0.06
Right edge				0.032			0.04
					000000000000000000000000000000000000000	000000000000000000000000000000000000000	0.01
	Deviation			0.01			0.01
	Deviation 1g SAR			0.01			0.40
Bottom edge							
Bottom edge	1g SAR			0.36 0.163 -0.03			0.40 0.18 -0.03
-	1g SAR 10g SAR	Meas	sured SAR	0.36 0.163 -0.03	Rep	orted SAR [V	0.40 0.18 -0.03
Device	1g SAR 10g SAR Deviation		Construction of the	0.36 0.163 -0.03 W/kg]	10000000000000000000000000000000000000		0.40 0.18 -0.03 //kg]
-	1g SAR 10g SAR Deviation SAR	Meas 21350	ured SAR [21100	0.36 0.163 -0.03	Rep 21350	orted SAR [V 21100	0.40 0.18 -0.03
Device orientation	1g SAR 10g SAR Deviation SAR measureme		Construction of the	0.36 0.163 -0.03 W/kg]	21350		0.40 0.18 -0.03 //kg] 20850
Device orientation Tun	1g SAR 10g SAR Deviation SAR measureme nt	21350	21100	0.36 0.163 -0.03 W/kg] 20850	21350	21100	0.40 0.18 -0.03 //kg] 20850
Device orientation Tun	1g SAR 10g SAR Deviation SAR measureme nt e-up	21350 23.00	21100 23.00	0.36 0.163 -0.03 W/kg] 20850 23.00	21350	21100 Scaling factor	0.40 0.18 -0.03 //kg] 20850
Device orientation Tun	1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm]	21350 23.00	21100 23.00	0.36 0.163 -0.03 W/kg] 20850 23.00	21350	21100 Scaling factor	0.40 0.18 -0.03 //kg] 20850
Device orientation Tun Measured F	1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm] 1g SAR	21350 23.00	21100 23.00	0.36 0.163 -0.03 W/kg] 20850 23.00	21350	21100 Scaling factor	0.40 0.18 -0.03 //kg] 20850
Device orientation Tune Measured P Front	1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm] 1g SAR 10g SAR	21350 23.00	21100 23.00	0.36 0.163 -0.03 W/kg] 20850 23.00	21350	21100 Scaling factor	0.40 0.18 -0.03 //kg] 20850
Device orientation Tun Measured F	1g SAR 10g SAR Deviation SAR measureme nt e-up Power [dBm] 1g SAR 10g SAR Deviation	21350 23.00	21100 23.00	0.36 0.163 -0.03 //kg] 20850 23.00 22.50	21350	21100 Scaling factor	0.40 0.18 -0.03 //kg] 20850 * 1.12
	Device orientation Tun Measured F Front Rear Left edge Right edge Bottom edge Device orientation	Device orientationSAR measureme ntTue-upMeasured Power [dBm]Measured Power [dBm]10 SAR10 SAR <td>mperature:22.5Device orientationSAR measureme (21350) ntMeas (21350) (24.00)Tu-up24.00Measured Power [dBm]23.23Measured Power [dBm]23.23Front10g SAR DeviationFront10g SAR DeviationRear10g SAR DeviationLeft edge10g SAR DeviationRight edge10g SAR DeviationBottom edge10g SAR DeviationBottom edge10g SAR DeviationDevice orientation10g SAR DeviationDevice orientation10g SAR DeviationPeriod10g SAR DeviationBottom edge10g SAR DeviationDevice orientation10g SAR DeviationPeriodSAR DeviationMassureme orientation21.00Measureme orientation10g SAR DeviationHard Deviation10g SAR DeviationMassureme orientation10g SAR DeviationHard Deviation10g SAR DeviationHard Deviation<</td> <td>mperature:22.5Device orientationSAR measureme ntMeasured SAR [f measureme 21350Ture-up24.0024.00Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measureme Deviation10g SAR23.45Measureme Deviation10g SAR23.45Measureme Deviation10g SAR23.45Measureme Deviation10g SAR24.00Measureme Deviation10g SAR24.00Measureme Deviation10g SAR24.00Measureme orientationSARMeasured SAR [f MMeasureme Deviation2135021100Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation23.0023.00Measureme Deviation23.0023.00Measureme Deviation24.0022.23Measureme Deviation23.0023.00Measureme Deviation24.0022.23Measureme Deviation24.00Measureme Deviation</td> <td>Device orientationSAR measureme ntMeasured SAR [W/kg]ntMMMMMTurrey24.0024.00Measured Power [dBm]23.2323.451g SAR23.2323.45Front10g SAR0.0341Deviation0.01Deviation0.011g SAR0.01Deviation0.011g SAR0.0282Deviation0.02Deviation0.02Deviation0.021g SAR0.0226Deviation0.021g SAR0.06810g SAR0.06810g SAR0.068Deviation0.02Deviation0.02Deviation0.02Deviation0.02Deviation0.02Deviation0.01Deviation0.01Deviation0.02Deviation0.01Deviation0.01Deviation0.02Deviation0.01Deviation0.02Deviation0.01Deviation0.01Deviation0.02Deviation0.02Deviation0.02Deviation0.03Deviation23.00Deviation23.00Deviation23.00Deviation0.03Deviation0.03Deviation0.03Deviation0.03Deviation0.03Deviation0.03</td> <td>mperature: 22.5 Liquid Termeasureme orientation SAR measureme nt Measured SAR [W/kg] Rep measureme orientation nt M M M M M Tune-up 24.00 24.00 24.00 24.00 5 Measured Power [dBm] 23.23 23.45 23.73 1.19 10g SAR 0.341 0.341 100 5 Front 10g SAR 0.341 100 5 10g SAR 0.341 0.01 100 100 100 Rear 10g SAR 0.282 0.01 100</td> <td>mperature: 22.5 Liquid Temperature: Device orientation SAR masureme nt Measured SAR [W/kg] Reported SAR [M 10 21350 21100 20850 21350 21100 M M M M M M M Tune-up 24.00 24.00 23.73 1.19 1.13 Ig SAR 0.341 0.341 1 1 Ig SAR 0.341 1 1 1 Ig SAR 0.01 0.01 1 1 Ig SAR 0.0282 1 1 1 Ig SAR 0.0226 1 1 1 Ig SAR 0.021 1 1 1 Ig SAR 0.022 1 1 1 1 Ig SAR 0.021 1 1 1 1 1 Max 0.021 0.021 1 1 1 1 1 1 1 1 1 1</td>	mperature:22.5Device orientationSAR measureme (21350) ntMeas (21350) (24.00)Tu-up24.00Measured Power [dBm]23.23Measured Power [dBm]23.23Front10g SAR DeviationFront10g SAR DeviationRear10g SAR DeviationLeft edge10g SAR DeviationRight edge10g SAR DeviationBottom edge10g SAR DeviationBottom edge10g SAR DeviationDevice orientation10g SAR DeviationDevice orientation10g SAR DeviationPeriod10g SAR DeviationBottom edge10g SAR DeviationDevice orientation10g SAR DeviationPeriodSAR DeviationMassureme orientation21.00Measureme orientation10g SAR DeviationHard Deviation10g SAR DeviationMassureme orientation10g SAR DeviationHard Deviation10g SAR DeviationHard Deviation<	mperature:22.5Device orientationSAR measureme ntMeasured SAR [f measureme 21350Ture-up24.0024.00Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measured Power [dBm]23.2323.45Measureme Deviation10g SAR23.45Measureme Deviation10g SAR23.45Measureme Deviation10g SAR23.45Measureme Deviation10g SAR24.00Measureme Deviation10g SAR24.00Measureme Deviation10g SAR24.00Measureme orientationSARMeasured SAR [f MMeasureme Deviation2135021100Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation22.0022.23Measureme Deviation23.0023.00Measureme Deviation23.0023.00Measureme Deviation24.0022.23Measureme Deviation23.0023.00Measureme Deviation24.0022.23Measureme Deviation24.00Measureme Deviation	Device orientationSAR measureme ntMeasured SAR [W/kg]ntMMMMMTurrey24.0024.00Measured Power [dBm]23.2323.451g SAR23.2323.45Front10g SAR0.0341Deviation0.01Deviation0.011g SAR0.01Deviation0.011g SAR0.0282Deviation0.02Deviation0.02Deviation0.021g SAR0.0226Deviation0.021g SAR0.06810g SAR0.06810g SAR0.068Deviation0.02Deviation0.02Deviation0.02Deviation0.02Deviation0.02Deviation0.01Deviation0.01Deviation0.02Deviation0.01Deviation0.01Deviation0.02Deviation0.01Deviation0.02Deviation0.01Deviation0.01Deviation0.02Deviation0.02Deviation0.02Deviation0.03Deviation23.00Deviation23.00Deviation23.00Deviation0.03Deviation0.03Deviation0.03Deviation0.03Deviation0.03Deviation0.03	mperature: 22.5 Liquid Termeasureme orientation SAR measureme nt Measured SAR [W/kg] Rep measureme orientation nt M M M M M Tune-up 24.00 24.00 24.00 24.00 5 Measured Power [dBm] 23.23 23.45 23.73 1.19 10g SAR 0.341 0.341 100 5 Front 10g SAR 0.341 100 5 10g SAR 0.341 0.01 100 100 100 Rear 10g SAR 0.282 0.01 100	mperature: 22.5 Liquid Temperature: Device orientation SAR masureme nt Measured SAR [W/kg] Reported SAR [M 10 21350 21100 20850 21350 21100 M M M M M M M Tune-up 24.00 24.00 23.73 1.19 1.13 Ig SAR 0.341 0.341 1 1 Ig SAR 0.341 1 1 1 Ig SAR 0.01 0.01 1 1 Ig SAR 0.0282 1 1 1 Ig SAR 0.0226 1 1 1 Ig SAR 0.021 1 1 1 Ig SAR 0.022 1 1 1 1 Ig SAR 0.021 1 1 1 1 1 Max 0.021 0.021 1 1 1 1 1 1 1 1 1 1

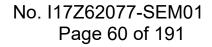




Table 14-19 LTE700-FDD12 #1 Head

			LTE7	'00-FDD12 #1	Head			
Ambient Te	emperature:	22.5					mperature:	22.3
	Device	SAR	Meas	sured SAR	W/kg]	Rep	orted SAR [V	V/kg]
Mode	orientation	measureme	23130	23095	23060	23130	23095	23060
		nt	М	м	н	м	м	н
		e-up	23.00	23.00	23.00		Scaling factor	
	Measured F	Power [dBm]	22.82	22.85 0.193	22.82	1.04	1.04 0.20	1.04
	Loft Obeek	1g SAR						
	Left Cheek	10g SAR		0.156			0.16	
		Deviation		0.1			0.10	
	1 . 6 . 7	1g SAR		0.157			0.16	
10MHz	Left Tilt	10g SAR		0.128			0.13	
QPSK1RB		Deviation		-0.05			-0.05	
		1g SAR		0.254			0.26	
	Right Cheek			0.201			0.21	
		Deviation		0.17			0.17	
		1g SAR		0.19			0.20	
	Right Tilt	10g SAR		0.155			0.16	
		Deviation		0.01			0.01	
		SAR	Meas	sured SAR	W/kg]	Rep	orted SAR [W	V/kg]
TRUE	Device	measureme	23130	23095	23060	23130	23095	23060
	orientation	nt	м	н	м	м	н	м
	Tune-up		22.00	22.00	22.00	ę	Scaling factor	*
	Measured F	Power [dBm]	21.88	21.86	21.76	1.03	1.03	1.06
		1g SAR	0.134			0.14		
	Left Cheek	10g SAR	0.109			0.11		
		Deviation	-0.03			-0.03		
	Left Tilt	1g SAR	0.077			0.08		
10MHz		10g SAR	0.062			0.06		
QPSK50%		Deviation	0.04			0.04		
RB		1g SAR	0.185			0.19		
	Right Cheek		0.147			0.15		
		Deviation	0.01			0.01		
		1g SAR	0.148			0.15		
	Right Tilt	10g SAR	0.122			0.13		
	3	Deviation	0.08			0.08		
		SAR		sured SAR	W/ka]		orted SAR M	V/kal
Mode	Device orientation	measureme nt	23130	23095	23060	23130	23095	23060
	Tun	e-up	22.00	22.00	22.00		Scaling factor	
10MHz		Power [dBm]	21.89	21.84	21.72	1.03	1.04	1.07
QPSK100%		1g SAR						
RB	Left Cheek	10g SAR						
	Lon oncor	Deviation	••••••		•••••	*****		
10MHz	-	1g SAR		0.248			0.26	
QPSK1RB	Worst Case	10g SAR		0.193			0.20	
B2	Torst Oase	Deviation		-0.02			-0.02	•••••••••••••••••••••••••••••••••••••••
52				0102			0.00	