

Table 14-16 LTE1900-FDD2 #2 Body AP ON

LTE1900-FDD2 #2 Body								
Ambient Temperature: 22.5				Liquid Temperature: 22.3				
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			19100	18900	18700	19100	18900	18700
			M	M	M	M	M	M
20MHz QPSK1RB	Tune-up		20.50	20.50	20.50	Scaling factor*		
	Measured Power [dBm]		19.97	19.97	20.01	1.13	1.13	1.12
	Front	1g SAR			0.298			0.33
		10g SAR			0.171			0.19
		Deviation			0.08			0.08
	Rear	1g SAR			0.462			0.52
		10g SAR			0.254			0.28
		Deviation			-0.02			-0.02
	Left edge	1g SAR			0.069			0.08
		10g SAR			0.042			0.05
		Deviation			0.18			0.18
	Right edge	1g SAR			0.05			0.06
		10g SAR			0.03			0.03
		Deviation			0.09			0.09
	Bottom edge	1g SAR	0.576	0.67	0.733	0.65	0.76	0.82
10g SAR		0.312	0.366	0.426	0.35	0.41	0.48	
Deviation		0.08	0.01	0.12	0.08	0.01	0.12	
Top edge	1g SAR							
	10g SAR							
	Deviation							
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			19100	18900	18700	19100	18900	18700
			L	M	L			
20MHz QPSK50% RB	Tune-up		20.50	20.50	20.50	Scaling factor*		
	Measured Power [dBm]		19.94	19.94	19.99	1.14	1.14	1.13
	Front	1g SAR			0.299			0.34
		10g SAR			0.171			0.19
		Deviation			0.08			0.08
	Rear	1g SAR			0.479			0.54
		10g SAR			0.262			0.29
		Deviation			-0.01			-0.01
	Left edge	1g SAR			0.066			0.07
		10g SAR			0.039			0.04
		Deviation			0.19			0.19
	Right edge	1g SAR			0.049			0.06
		10g SAR			0.03			0.03
		Deviation			0.01			0.01
	Bottom edge	1g SAR	0.58	0.652	0.802	0.66	0.74	0.90
10g SAR		0.316	0.356	0.436	0.36	0.41	0.49	
Deviation		0.01	0.12	-0.01	0.01	0.12	-0.01	
Top edge	1g SAR							
	10g SAR							
	Deviation							
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			19100	18900	18700	19100	18900	18700
20MHz QPSK100% RB	Tune-up		19.50	19.50	19.50	Scaling factor*		
	Measured Power [dBm]		19.80	19.77	19.97	1.00	1.00	1.00
	Bottom edge	1g SAR			0.667			0.67
		10g SAR			0.396			0.40
Deviation				0.02			0.02	
20MHz QPSK50% RB	Bottom edge 0mm	1g SAR			3.05		3.43	
		10g SAR			1.31		1.47	
		Deviation			0.06		0.06	
20MHz QPSK50% RB	Rear 0mm	1g SAR			1.82		2.05	
		10g SAR			0.787		0.89	
		Deviation			0.03		0.03	

Table 14-17 LTE850-FDD5 #1 Head

LTE850-FDD5 #1 Head								
Ambient Temperature:			22.5			Liquid Temperature:		22.3
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20600	20525	20450	20600	20525	20450
			M	M	M	M	M	M
10MHz QPSK1RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		23.03	22.89	22.91	1.11	1.15	1.14
	Left Cheek	1g SAR	0.084			0.09		
		10g SAR	0.066			0.07		
		Deviation	0.03			0.03		
	Left Tilt	1g SAR	0.039			0.04		
		10g SAR	0.032			0.04		
		Deviation	0.09			0.09		
	Right Cheek	1g SAR	0.079			0.09		
		10g SAR	0.065			0.07		
		Deviation	0.05			0.05		
	Right Tilt	1g SAR	0.058			0.06		
		10g SAR	0.049			0.05		
		Deviation	0.01			0.01		
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
20600				20525	20450	20600	20525	20450
M				M	M	M	M	M
10MHz QPSK50% RB	Tune-up		22.50	22.50	22.50	Scaling factor*		
	Measured Power [dBm]		21.92	21.87	21.86	1.14	1.16	1.16
	Left Cheek	1g SAR	0.064			0.07		
		10g SAR	0.052			0.06		
		Deviation	0.19			0.19		
	Left Tilt	1g SAR	0.032			0.04		
		10g SAR	0.017			0.02		
		Deviation	-0.03			-0.03		
	Right Cheek	1g SAR	0.049			0.06		
		10g SAR	0.041			0.05		
		Deviation	0.08			0.08		
	Right Tilt	1g SAR	0.044			0.05		
		10g SAR	0.038			0.04		
		Deviation	0.01			0.01		

Table 14-18 LTE850-FDD5 #1 Body

LTE850-FDD5 #1 Body								
Ambient Temperature: 22.5				Liquid Temperature: 22.3				
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20600	20525	20450	20600	20525	20450
			M	M	M	M	M	M
10MHz QPSK1RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		23.03	22.89	22.91	1.11	1.15	1.14
	Front	1g SAR	0.109			0.12		
		10g SAR	0.067			0.07		
		Deviation	0.09			0.09		
	Rear	1g SAR	0.261			0.29		
		10g SAR	0.143			0.16		
		Deviation	0.06			0.06		
	Left edge	1g SAR	0.058			0.06		
		10g SAR	0.038			0.04		
		Deviation	-0.09			-0.09		
	Right edge	1g SAR	0.102			0.11		
		10g SAR	0.065			0.07		
		Deviation	0.11			0.11		
	Bottom edge	1g SAR	0.104			0.12		
		10g SAR	0.06			0.07		
		Deviation	0.17			0.17		
Top edge	1g SAR							
	10g SAR							
	Deviation							
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20600	20525	20450	20600	20525	20450
			M	M	M			
10MHz QPSK50% RB	Tune-up		22.50	22.50	22.50	Scaling factor*		
	Measured Power [dBm]		21.92	21.87	21.86	1.14	1.16	1.16
	Front	1g SAR	0.085			0.10		
		10g SAR	0.052			0.06		
		Deviation	0.02			0.02		
	Rear	1g SAR	0.188			0.22		
		10g SAR	0.104			0.12		
		Deviation	0.01			0.01		
	Left edge	1g SAR	0.045			0.05		
		10g SAR	0.03			0.03		
		Deviation	-0.07			-0.07		
	Right edge	1g SAR	0.079			0.09		
		10g SAR	0.051			0.06		
		Deviation	0.11			0.11		
	Bottom edge	1g SAR	0.075			0.09		
		10g SAR	0.045			0.05		
		Deviation	0.19			0.19		
Top edge	1g SAR							
	10g SAR							
	Deviation							



Table 14-19 LTE2500-FDD7 #1 Head

LTE2500-FDD7 #1 Head								
Ambient Temperature: 22.5			Liquid Temperature: 22.3					
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			21350	21100	20850	21350	21100	20850
			M	M	M	M	M	M
20MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		23.90	23.94	23.86	1.15	1.14	1.16
	Left Cheek	1g SAR		0.043			0.05	
		10g SAR		0.021			0.02	
		Deviation		-0.01			-0.01	
	Left Tilt	1g SAR		0.021			0.02	
		10g SAR		0.011			0.01	
		Deviation		0.08			0.08	
	Right Cheek	1g SAR		0.049			0.06	
		10g SAR		0.025			0.03	
		Deviation		0.09			0.09	
	Right Tilt	1g SAR		0.03			0.03	
		10g SAR		0.013			0.01	
		Deviation		0.06			0.06	
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
21350				21100	20850	21350	21100	20850
L				M	L	L	M	L
20MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		22.87	22.86	22.69	1.16	1.16	1.20
	Left Cheek	1g SAR	0.038			0.04		
		10g SAR	0.017			0.02		
		Deviation	0.07			0.07		
	Left Tilt	1g SAR	0.019			0.02		
		10g SAR	0.008			0.01		
		Deviation	-0.02			-0.02		
	Right Cheek	1g SAR	0.04			0.05		
		10g SAR	0.018			0.02		
		Deviation	0.08			0.08		
	Right Tilt	1g SAR	0.016			0.02		
		10g SAR	0.007			0.01		
		Deviation	-0.01			-0.01		



Table 14-20 LTE2500-FDD7 #1 Body

LTE2500-FDD7 #1 Body								
Ambient Temperature: 22.5				Liquid Temperature: 22.3				
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			21350	21100	20850	21350	21100	20850
			M	M	M	M	M	M
20MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		23.90	23.94	23.86	1.15	1.14	1.16
	Front	1g SAR		0.221			0.25	
		10g SAR		0.108			0.12	
		Deviation		0.09			0.09	
	Rear	1g SAR		0.27			0.31	
		10g SAR		0.126			0.14	
		Deviation		0.03			0.03	
	Left edge	1g SAR		0.107			0.12	
		10g SAR		0.058			0.07	
		Deviation		0.01			0.01	
	Right edge	1g SAR		0.111			0.13	
		10g SAR		0.09			0.10	
		Deviation		-0.08			-0.08	
	Bottom edge	1g SAR		0.486			0.55	
10g SAR			0.219			0.25		
Deviation			-0.03			-0.03		
Top edge	1g SAR							
	10g SAR							
	Deviation							
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			21350	21100	20850	21350	21100	20850
			L	M	L			
20MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		22.87	22.86	22.69	1.16	1.16	1.20
	Front	1g SAR	0.166			0.19		
		10g SAR	0.084			0.10		
		Deviation	0.11			0.11		
	Rear	1g SAR	0.281			0.32		
		10g SAR	0.128			0.15		
		Deviation	0.09			0.09		
	Left edge	1g SAR	0.087			0.10		
		10g SAR	0.048			0.06		
		Deviation	0.17			0.17		
	Right edge	1g SAR	0.098			0.11		
		10g SAR	0.078			0.09		
		Deviation	0.03			0.03		
	Bottom edge	1g SAR	0.395			0.46		
10g SAR		0.181			0.21			
Deviation		-0.03			-0.03			
Top edge	1g SAR							
	10g SAR							
	Deviation							



Table 14-21 LTE700-FDD12 #1 Head

LTE700-FDD12 #1 Head								
Ambient Temperature: 22.5			Liquid Temperature: 22.3					
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			23130	23095	23060	23130	23095	23060
			M	H	M	M	H	M
10MHz QPSK1RB	Tune-up		24.00	24.00	24.00	Scaling factor*		
	Measured Power [dBm]		23.35	23.20	23.30	1.16	1.20	1.17
	Left Cheek	1g SAR	0.328			0.38		
		10g SAR	0.306			0.36		
		Deviation	0.08			0.08		
	Left Tilt	1g SAR	0.326			0.38		
		10g SAR	0.275			0.32		
		Deviation	-0.07			-0.07		
	Right Cheek	1g SAR	0.468			0.54		
		10g SAR	0.334			0.39		
		Deviation	0.07			0.07		
	Right Tilt	1g SAR	0.276			0.32		
		10g SAR	0.171			0.20		
		Deviation	-0.06			-0.06		
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
23130				23095	23060	23130	23095	23060
L				M	H	L	M	H
10MHz QPSK50% RB	Tune-up		23.00	23.00	23.00	Scaling factor*		
	Measured Power [dBm]		22.36	22.30	22.27	1.16	1.18	1.18
	Left Cheek	1g SAR	0.326			0.38		
		10g SAR	0.343			0.40		
		Deviation	0.01			0.01		
	Left Tilt	1g SAR	0.315			0.36		
		10g SAR	0.275			0.32		
		Deviation	0.08			0.08		
	Right Cheek	1g SAR	0.406			0.47		
		10g SAR	0.316			0.37		
		Deviation	0.17			0.17		
	Right Tilt	1g SAR	0.396			0.46		
		10g SAR	0.311			0.36		
		Deviation	0.02			0.02		

Table 14-22 LTE700-FDD12 #1 Body

LTE700-FDD12 #1 Body								
Ambient Temperature: 22.5				Liquid Temperature: 22.3				
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			23130	23095	23060	23130	23095	23060
			M	H	M	M	H	M
10MHz QPSK1RB	Tune-up		24.00	24.00	24.00	Scaling factor*		
	Measured Power [dBm]		23.35	23.20	23.30	1.16	1.20	1.17
	Front	1g SAR	0.157			0.18		
		10g SAR	0.126			0.15		
		Deviation	0.09			0.09		
	Rear	1g SAR	0.226			0.26		
		10g SAR	0.181			0.21		
		Deviation	0.05			0.05		
	Left edge	1g SAR	0.15			0.17		
		10g SAR	0.109			0.13		
		Deviation	-0.09			-0.09		
	Right edge	1g SAR	0.174			0.20		
		10g SAR	0.124			0.14		
		Deviation	0.11			0.11		
	Bottom edge	1g SAR						
		10g SAR						
		Deviation						
Top edge	1g SAR	0.055			0.06			
	10g SAR	0.036			0.04			
	Deviation	-0.14			-0.14			
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			23130	23095	23060	23130	23095	23060
			L	M	H			
10MHz QPSK50% RB	Tune-up		23.00	23.00	23.00	Scaling factor*		
	Measured Power [dBm]		22.36	22.30	22.27	1.16	1.18	1.18
	Front	1g SAR	0.123			0.14		
		10g SAR	0.098			0.11		
		Deviation	0.03			0.03		
	Rear	1g SAR	0.179			0.21		
		10g SAR	0.143			0.17		
		Deviation	0.06			0.06		
	Left edge	1g SAR	0.133			0.15		
		10g SAR	0.095			0.11		
		Deviation	0.01			0.01		
	Right edge	1g SAR	0.134			0.16		
		10g SAR	0.096			0.11		
		Deviation	0.08			0.08		
	Bottom edge	1g SAR						
		10g SAR						
		Deviation						
Top edge	1g SAR	0.039			0.05			
	10g SAR	0.021			0.02			
	Deviation	0.08			0.08			



Table 14-23 LTE750-FDD13 #1 Head

LTE750-FDD13 #1 Head								
Ambient Temperature: 22.5			Liquid Temperature: 22.3					
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			H	M	23230	H	M	23230
			L	L	M	L	L	M
10MHz QPSK1RB	Tune-up		/	/	24.00	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	23.23	#VALUE!	#VALUE!	1.19
	Left Cheek	1g SAR			0.095			0.11
		10g SAR			0.069			0.08
		Deviation			0.09			0.09
	Left Tilt	1g SAR			0.049			0.06
		10g SAR			0.023			0.03
		Deviation			0.11			0.11
	Right Cheek	1g SAR			0.115			0.14
		10g SAR			0.093			0.11
		Deviation			0.08			0.08
	Right Tilt	1g SAR			0.072			0.09
		10g SAR			0.05			0.06
		Deviation			0.06			0.06
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
H				M	23230	H	M	23230
L				L	M	L	L	M
10MHz QPSK50% RB	Tune-up		/	/	23.00	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	21.61	#VALUE!	#VALUE!	1.38
	Left Cheek	1g SAR			0.074			0.10
		10g SAR			0.054			0.07
		Deviation			-0.08			-0.08
	Left Tilt	1g SAR			0.04			0.06
		10g SAR			0.02			0.03
		Deviation			0.02			0.02
	Right Cheek	1g SAR			0.071			0.10
		10g SAR			0.051			0.07
		Deviation			-0.01			-0.01
	Right Tilt	1g SAR			0.062			0.09
		10g SAR			0.043			0.06
		Deviation			0.11			0.11

Table 14-24 LTE750-FDD13 #1 Body

LTE750-FDD13 #1 Body								
Ambient Temperature: 22.5				Liquid Temperature: 22.3				
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			H	M	23230	H	M	23230
			L	L	M	L	L	M
10MHz QPSK1RB	Tune-up		/	/	24.00	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	23.23	#VALUE!	#VALUE!	1.19
	Front	1g SAR			0.155			0.19
		10g SAR			0.114			0.14
		Deviation			0.09			0.09
	Rear	1g SAR			0.191			0.23
		10g SAR			0.149			0.18
		Deviation			0.04			0.04
	Left edge	1g SAR			0.167			0.20
		10g SAR			0.114			0.14
		Deviation			0.05			0.05
	Right edge	1g SAR			0.184			0.22
		10g SAR			0.143			0.17
		Deviation			0.01			0.01
	Bottom edge	1g SAR			0.067			0.08
		10g SAR			0.034			0.04
Deviation				0.03			0.03	
Top edge	1g SAR							
	10g SAR							
	Deviation							
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			H	M	23230	H	M	23230
			L	L	M			
10MHz QPSK50% RB	Tune-up		/	/	23.00	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	21.61	#VALUE!	#VALUE!	1.38
	Front	1g SAR			0.119			0.16
		10g SAR			0.088			0.12
		Deviation			-0.08			-0.08
	Rear	1g SAR			0.142			0.20
		10g SAR			0.101			0.14
		Deviation			0.01			0.01
	Left edge	1g SAR			0.13			0.18
		10g SAR			0.088			0.12
		Deviation			0.02			0.02
	Right edge	1g SAR			0.14			0.19
		10g SAR			0.098			0.13
		Deviation			0.03			0.03
	Bottom edge	1g SAR			0.053			0.07
		10g SAR			0.026			0.04
Deviation				0.11			0.11	
Top edge	1g SAR							
	10g SAR							
	Deviation							



Table 14-25 LTE1700-FDD66 #1 Head

LTE1700-FDD66 #1 Head								
Ambient Temperature: 22.5			Liquid Temperature: 22.3					
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			132572	132322	132072	132572	132322	132072
			M	M	M	M	M	M
LTE1700-FDD66 #1 QPSK1RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		23.19	23.28	23.41	1.07	1.05	1.02
	Left Cheek	1g SAR			0.079			0.08
		10g SAR			0.056			0.06
		Deviation			0.13			0.13
	Left Tilt	1g SAR			0.041			0.04
		10g SAR			0.023			0.02
		Deviation			-0.04			-0.04
	Right Cheek	1g SAR			0.121			0.12
		10g SAR			0.078			0.08
		Deviation			0.03			0.03
	Right Tilt	1g SAR			0.076			0.08
		10g SAR			0.045			0.05
		Deviation			0.12			0.12
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
132572				132322	132072	132572	132322	132072
L				L	H	L	L	H
LTE1700-FDD66 #1 QPSK50% RB	Tune-up		22.50	22.50	22.50	Scaling factor*		
	Measured Power [dBm]		22.22	22.19	22.39	1.07	1.07	1.03
	Left Cheek	1g SAR			0.068			0.07
		10g SAR			0.046			0.05
		Deviation			-0.09			-0.09
	Left Tilt	1g SAR			0.033			0.03
		10g SAR			0.018			0.02
		Deviation			0.05			0.05
	Right Cheek	1g SAR			0.098			0.10
		10g SAR			0.057			0.06
		Deviation			0.09			0.09
	Right Tilt	1g SAR			0.053			0.05
		10g SAR			0.032			0.03
		Deviation			0.06			0.06