

**Table 14-15 LTE1900-FDD2 #1 AP OFF Body**

LTE1900-FDD2 #1 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		24.00	24.00	24.00	Scaling factor*		
	Measured Power [dBm]		23.61	23.60	23.60	1.09	1.10	1.10
	Front 15mm	1g SAR	0.443			0.48		
		10g SAR	0.258			0.28		
		Deviation	0.09			0.09		
	Rear 15mm	1g SAR	0.726			0.79		
		10g SAR	0.417			0.46		
Deviation		0.04			0.04			
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			19100	18900	18700	19100	18900	18700
			L	H	M			
20MHz QPSK50% RB	Tune-up		23.00	23.00	23.00	Scaling factor*		
	Measured Power [dBm]		22.67	22.70	22.64	1.08	1.07	1.09
	Front 15mm	1g SAR		0.385			0.41	
		10g SAR		0.224			0.24	
		Deviation		-0.05			-0.05	
	Rear 15mm	1g SAR		0.593			0.64	
		10g SAR		0.336			0.36	
Deviation			0.07			0.07		

**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		20.00	20.00	20.00	Scaling factor*		
	Measured Power [dBm]		19.35	19.22	19.20	1.16	1.20	1.20
	Front	1g SAR	0.376			0.44		
		10g SAR	0.231			0.27		
		Deviation	-0.05			-0.05		
	Rear	1g SAR	0.587			0.68		
		10g SAR	0.293			0.34		
		Deviation	0.02			0.02		
	Left edge	1g SAR	0.036			0.04		
		10g SAR	0.021			0.02		
		Deviation	0.04			0.04		
	Right edge	1g SAR	0.058			0.07		
		10g SAR	0.034			0.04		
		Deviation	0.08			0.08		
	Bottom edge	1g SAR	0.859	0.966	1.09	1.00	1.16	1.31
10g SAR		0.411	0.501	0.565	0.48	0.60	0.68	
Deviation		0.09	0.01	-0.16	0.09	0.01	-0.16	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			19100	18900	18700	19100	18900	18700
			M	L	M			
20MHz QPSK50% RB	Tune-up		19.00	19.00	19.00	Scaling factor*		
	Measured Power [dBm]		18.20	18.29	18.17	1.20	1.18	1.21
	Front	1g SAR		0.313			0.37	
		10g SAR		0.159			0.19	
		Deviation		-0.04			-0.04	
	Rear	1g SAR		0.532			0.63	
		10g SAR		0.259			0.30	
		Deviation		0.12			0.12	
	Left edge	1g SAR		0.026			0.03	
		10g SAR		0.015			0.02	
		Deviation		-0.03			-0.03	
	Right edge	1g SAR		0.046			0.05	
		10g SAR		0.026			0.03	
		Deviation		0.02			0.02	
	Bottom edge	1g SAR	0.674	0.721	0.828	0.81	0.85	1.00
10g SAR		0.351	0.345	0.431	0.42	0.41	0.52	
Deviation		0.01	0.11	0.15	0.01	0.11	0.15	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			19100	18900	18700	19100	18900	18700
20MHz QPSK100% RB	Tune-up		19.00	19.00	19.00	Scaling factor*		
	Measured Power [dBm]		18.16	18.24	18.11	1.21	1.19	1.23
	Bottom edge	1g SAR		0.745			0.89	
		10g SAR		0.387			0.46	
	Deviation		0.03			0.03		



Table 14-17 LTE1700-FDD4 #1 Head

LTE1700-FDD4 #1 Head								
Ambient Temperature: 22.5			Liquid Temperature: 22.3					
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20300	20175	20050	20300	20175	20050
			M	M	M	M	M	M
20MHz QPSK1RB	Tune-up		24.00	24.00	24.00	Scaling factor*		
	Measured Power [dBm]		22.99	22.98	23.04	1.26	1.26	1.25
	Left Cheek	1g SAR			0.098			0.12
		10g SAR			0.067			0.08
		Deviation			-0.04			-0.04
	Left Tilt	1g SAR			<0.01			<0.01
		10g SAR			<0.01			<0.01
		Deviation			0.02			0.02
	Right Cheek	1g SAR			0.172			0.21
		10g SAR			0.111			0.14
		Deviation			0.04			0.04
	Right Tilt	1g SAR			0.046			0.06
		10g SAR			0.03			0.04
		Deviation			-0.09			-0.09
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
20300				20175	20050	20300	20175	20050
L				L	L	L	L	L
20MHz QPSK50% RB	Tune-up		23.00	23.00	23.00	Scaling factor*		
	Measured Power [dBm]		22.06	22.04	22.11	1.24	1.25	1.23
	Left Cheek	1g SAR			0.081			0.10
		10g SAR			0.054			0.07
		Deviation			-0.1			-0.10
	Left Tilt	1g SAR			<0.01			<0.01
		10g SAR			<0.01			<0.01
		Deviation			0.01			0.01
	Right Cheek	1g SAR			0.133			0.16
		10g SAR			0.085			0.10
		Deviation			-0.12			-0.12
	Right Tilt	1g SAR			<0.01			<0.01
		10g SAR			<0.01			<0.01
		Deviation			-0.09			-0.09

Table 14-18 LTE1700-FDD4 #1 Body AP OFF

LTE1700-FDD4 #1 Body								
Ambient Temperature: 22.5					Liquid Temperature: 22.3			
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20300	20175	20050	20300	20175	20050
			M	M	M	M	M	M
20MHz QPSK1RB	Tune-up		24.00	24.00	24.00	Scaling factor*		
	Measured Power [dBm]		22.99	22.98	23.04	1.26	1.26	1.25
	Front 15mm	1g SAR			0.531			0.66
		10g SAR			0.292			0.36
		Deviation			0.12			0.12
	Rear 15mm	1g SAR	0.949	0.924	0.899	1.20	1.17	1.12
		10g SAR	0.541	0.529	0.508	0.68	0.67	0.63
Deviation		0.09	0.04	0.11	0.09	0.04	0.11	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20300	20175	20050	20300	20175	20050
			L	L	L			
20MHz QPSK50% RB	Tune-up		23.00	23.00	23.00	Scaling factor*		
	Measured Power [dBm]		22.06	22.04	22.11	1.24	1.25	1.23
	Front 15mm	1g SAR			0.409			0.50
		10g SAR			0.225			0.28
		Deviation			0.03			0.03
	Rear 15mm	1g SAR	0.755	0.702	0.688	0.94	0.88	0.84
		10g SAR	0.43	0.397	0.389	0.53	0.50	0.48
Deviation		0.05	0.02	0.11	0.05	0.02	0.11	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20300	20175	20050	20300	20175	20050
20MHz QPSK100% RB	Tune-up		23.00	23.00	23.00	Scaling factor*		
	Measured Power [dBm]		21.98	21.98	22.06	1.26	1.26	1.24
	Rear 15mm	1g SAR			0.866			1.08
		10g SAR			0.5			0.62
		Deviation			-0.19		-0.19	

**Table 14-19 LTE1700-FDD4 #2 Body AP ON**

LTE1700-FDD4 #2 Body								
Ambient Temperature: 22.5				Liquid Temperature: 22.3				
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20300	20175	20050	20300	20175	20050
			M	M	M	M	M	M
20MHz QPSK1RB	Tune-up		20.50	20.50	20.50	Scaling factor*		
	Measured Power [dBm]		19.83	19.84	19.91	1.17	1.17	1.15
	Front	1g SAR			0.596			0.68
		10g SAR			0.322			0.37
		Deviation			0.02			0.02
	Rear	1g SAR	0.999	0.974	0.897	1.17	1.14	1.03
		10g SAR	0.539	0.466	0.431	0.63	0.54	0.49
		Deviation	-0.03	0.09	0.18	-0.03	0.09	0.18
	Left edge	1g SAR			0.064			0.07
		10g SAR			0.043			0.05
		Deviation			-0.06			-0.06
	Right edge	1g SAR			0.049			0.06
		10g SAR			0.031			0.04
		Deviation			0.08			0.08
	Bottom edge	1g SAR	0.991	0.923	0.847	1.16	1.08	0.97
10g SAR		0.501	0.467	0.429	0.59	0.54	0.49	
Deviation		0.02	0.07	-0.05	0.02	0.07	-0.05	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20300	20175	20050	20300	20175	20050
			L	M	H			
20MHz QPSK50% RB	Tune-up		19.50	19.50	19.50	Scaling factor*		
	Measured Power [dBm]		18.72	18.72	18.83	1.20	1.20	1.17
	Front	1g SAR			0.461			0.54
		10g SAR			0.249			0.29
		Deviation			-0.12			-0.12
	Rear	1g SAR			0.676			0.79
		10g SAR			0.335			0.39
		Deviation			0.04			0.04
	Left edge	1g SAR			0.052			0.06
		10g SAR			0.034			0.04
		Deviation			0.06			0.06
	Right edge	1g SAR			0.038			0.04
		10g SAR			0.024			0.03
		Deviation			0.08			0.08
	Bottom edge	1g SAR			0.632			0.74
10g SAR				0.304			0.35	
Deviation				0.12			0.12	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20300	20175	20050	20300	20175	20050
20MHz QPSK100% RB	Tune-up		19.50	19.50	19.50	Scaling factor*		
	Measured Power [dBm]		18.70	18.70	18.81	1.20	1.20	1.17
	Rear	1g SAR			0.722			0.85
		10g SAR			0.347			0.41
		Deviation			0.05			0.05



Table 14-20 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	H	M	M	H	M
10MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		24.21	24.21	24.28	1.07	1.07	1.05
	Left Cheek	1g SAR			0.34			0.36
		10g SAR			0.266			0.28
		Deviation			-0.15			-0.15
	Left Tilt	1g SAR			0.216			0.23
		10g SAR			0.168			0.18
		Deviation			-0.07			-0.07
	Right Cheek	1g SAR			0.241			0.25
		10g SAR			0.186			0.20
		Deviation			-0.06			-0.06
	Right Tilt	1g SAR			0.183			0.19
		10g SAR			0.145			0.15
		Deviation			0.06			0.06
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
20600				20525	20450	20600	20525	20450
L				H	H	L	H	H
10MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		23.36	23.38	23.30	1.03	1.03	1.05
	Left Cheek	1g SAR		0.273			0.28	
		10g SAR		0.212			0.22	
		Deviation		-0.01			-0.01	
	Left Tilt	1g SAR		0.183			0.19	
		10g SAR		0.142			0.15	
		Deviation		0.02			0.02	
	Right Cheek	1g SAR		0.242			0.25	
		10g SAR		0.185			0.19	
		Deviation		-0.11			-0.11	
	Right Tilt	1g SAR		0.156			0.16	
		10g SAR		0.122			0.13	
		Deviation		0.05			0.05	

Table 14-21 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	H	M	M	H	M
10MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		24.21	24.21	24.28	1.07	1.07	1.05
	Front	1g SAR			0.268			0.28
		10g SAR			0.212			0.22
		Deviation			0.02			0.02
	Rear	1g SAR			0.383			0.40
		10g SAR			0.301			0.32
		Deviation			0			0.00
	Left edge	1g SAR			0.185			0.19
		10g SAR			0.13			0.14
		Deviation			0.09			0.09
	Right edge	1g SAR			0.257			0.27
		10g SAR			0.181			0.19
		Deviation			0.01			0.01
	Bottom edge	1g SAR			0.123			0.13
10g SAR				0.079			0.08	
Deviation				0.1			0.10	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			20600	20525	20450	20600	20525	20450
			L	H	H			
10MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		23.36	23.38	23.30	1.03	1.03	1.05
	Front	1g SAR		0.219			0.23	
		10g SAR		0.173			0.18	
		Deviation		0.02			0.02	
	Rear	1g SAR		0.248			0.25	
		10g SAR		0.182			0.19	
		Deviation		0.11			0.11	
	Left edge	1g SAR		0.213			0.22	
		10g SAR		0.152			0.16	
		Deviation		0.06			0.06	
	Right edge	1g SAR		0.208			0.21	
		10g SAR		0.149			0.15	
		Deviation		0.01			0.01	
	Bottom edge	1g SAR		0.102			0.10	
10g SAR			0.066			0.07		
Deviation			-0.05			-0.05		



Table 14-22 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	M	M	M	M	M
10MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		23.63	23.64	23.65	1.22	1.22	1.22
	Left Cheek	1g SAR			0.206			0.25
		10g SAR			0.162			0.20
		Deviation			0.17			0.17
	Left Tilt	1g SAR			0.147			0.18
		10g SAR			0.115			0.14
		Deviation			0.1			0.10
	Right Cheek	1g SAR			0.195			0.24
		10g SAR			0.152			0.18
		Deviation			-0.11			-0.11
	Right Tilt	1g SAR			0.142			0.17
		10g SAR			0.113			0.14
		Deviation			-0.04			-0.04
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
23130				23095	23060	23130	23095	23060
H				H	H	H	H	H
10MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		22.72	22.70	22.75	1.20	1.20	1.19
	Left Cheek	1g SAR			0.161			0.19
		10g SAR			0.125			0.15
		Deviation			0.03			0.03
	Left Tilt	1g SAR			0.118			0.14
		10g SAR			0.092			0.11
		Deviation			0.11			0.11
	Right Cheek	1g SAR			0.15			0.18
		10g SAR			0.116			0.14
		Deviation			-0.07			-0.07
	Right Tilt	1g SAR			0.112			0.13
		10g SAR			0.088			0.10
		Deviation			-0.09			-0.09



Table 14-23 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	M	M	M	M	M
10MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		23.63	23.64	23.65	1.22	1.22	1.22
	Front	1g SAR			0.278			0.34
		10g SAR			0.221			0.27
		Deviation			-0.11			-0.11
	Rear	1g SAR			0.436			0.53
		10g SAR			0.345			0.42
		Deviation			0			0.00
	Left edge	1g SAR			0.337			0.41
		10g SAR			0.248			0.30
		Deviation			-0.02			-0.02
	Right edge	1g SAR			0.256			0.31
		10g SAR			0.189			0.23
		Deviation			0.01			0.01
	Bottom edge	1g SAR			0.053			0.06
10g SAR				0.037			0.04	
Deviation				-0.12			-0.12	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			23130	23095	23060	23130	23095	23060
			H	H	H			
10MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		22.72	22.70	22.75	1.20	1.20	1.19
	Front	1g SAR			0.212			0.25
		10g SAR			0.169			0.20
		Deviation			0.03			0.03
	Rear	1g SAR			0.33			0.39
		10g SAR			0.263			0.31
		Deviation			0.05			0.05
	Left edge	1g SAR			0.26			0.31
		10g SAR			0.192			0.23
		Deviation			-0.04			-0.04
	Right edge	1g SAR			0.197			0.23
		10g SAR			0.146			0.17
		Deviation			0.05			0.05
	Bottom edge	1g SAR			<0.01			<0.01
10g SAR				<0.01			<0.01	
Deviation				0.05			0.05	



Table 14-24 LTE700-FDD14 #1 Head

LTE700-FDD14 #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	23330	H	M	23330
			H	H	M	H	H	M
10MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	23.37	281.84	281.84	1.30
	Left Cheek	1g SAR			0.326			0.42
		10g SAR			0.254			0.33
		Deviation			0.04			0.04
	Left Tilt	1g SAR			0.242			0.31
		10g SAR			0.188			0.24
		Deviation			-0.02			-0.02
	Right Cheek	1g SAR			0.308			0.40
		10g SAR			0.236			0.31
		Deviation			-0.1			-0.10
	Right Tilt	1g SAR			0.225			0.29
		10g SAR			0.176			0.23
		Deviation			0.06			0.06
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]	
H				M	23330	H	M	23330
H				H	L	H	H	L
10MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	22.50	223.87	223.87	1.26
	Left Cheek	1g SAR			0.245			0.31
		10g SAR			0.189			0.24
		Deviation			0.06			0.06
	Left Tilt	1g SAR			0.18			0.23
		10g SAR			0.14			0.18
		Deviation			-0.04			-0.04
	Right Cheek	1g SAR			0.242			0.30
		10g SAR			0.186			0.23
		Deviation			0.09			0.09
	Right Tilt	1g SAR			0.163			0.21
		10g SAR			0.127			0.16
		Deviation			0.02			0.02

Table 14-25 LTE700-FDD14 #1 Body

LTE700-FDD14 #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	23330	H	M	23330
			H	H	M	H	H	M
10MHz QPSK1RB	Tune-up		24.50	24.50	24.50	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	23.37	281.84	281.84	1.30
	Front	1g SAR			0.332			0.43
		10g SAR			0.257			0.33
		Deviation			-0.02			-0.02
	Rear	1g SAR			0.477			0.62
		10g SAR			0.373			0.48
		Deviation			-0.01			-0.01
	Left edge	1g SAR			0.314			0.41
		10g SAR			0.221			0.29
		Deviation			0.03			0.03
	Right edge	1g SAR			0.329			0.43
		10g SAR			0.232			0.30
		Deviation			0.11			0.11
	Bottom edge	1g SAR			0.078			0.10
10g SAR				0.053			0.07	
Deviation				0.12			0.12	
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]			Reported SAR [W/kg]		
			H	M	23330	H	M	23330
			H	H	L			
10MHz QPSK50% RB	Tune-up		23.50	23.50	23.50	Scaling factor*		
	Measured Power [dBm]		0.00	0.00	22.50	223.87	223.87	1.26
	Front	1g SAR			0.245			0.31
		10g SAR			0.19			0.24
		Deviation			0.06			0.06
	Rear	1g SAR			0.364			0.46
		10g SAR			0.285			0.36
		Deviation			-0.11			-0.11
	Left edge	1g SAR			0.234			0.29
		10g SAR			0.164			0.21
		Deviation			-0.06			-0.06
	Right edge	1g SAR			0.242			0.30
		10g SAR			0.171			0.22
		Deviation			-0.01			-0.01
	Bottom edge	1g SAR			0.058			0.07
10g SAR				0.039			0.05	
Deviation				-0.08			-0.08	

Table 14-26 LTE2300-FDD30 #1 Head

LTE2300-FDD30 #1 Head				
Ambient Temperature:		22.5		22.3
Mode	Device orientation	SAR measurement	Measured SAR [W/kg]	Reported SAR [W/kg]
			27710	27710
			M	M
10MHz QPSK1RB	Tune-up		24.00	Scaling factor*
	Measured Power [dBm]		22.69	1.35
	Left Cheek	1g SAR	0.195	0.26
		10g SAR	0.11	0.15
		Deviation	0.01	0.01
	Left Tilt	1g SAR	0.081	0.11
		10g SAR	0.044	0.06
		Deviation	0	0.00
	Right Cheek	1g SAR	0.184	0.25
		10g SAR	0.107	0.14
		Deviation	0.04	0.04
	Right Tilt	1g SAR	0.094	0.13
		10g SAR	0.053	0.07
		Deviation	-0.01	-0.01
	TRUE	Device orientation	SAR measurement	Measured SAR [W/kg]
27710				27710
			M	M
10MHz QPSK50% RB	Tune-up		23.00	Scaling factor*
	Measured Power [dBm]		21.74	1.34
	Left Cheek	1g SAR	0.152	0.20
		10g SAR	0.086	0.11
		Deviation	-0.04	-0.04
	Left Tilt	1g SAR	0.063	0.08
		10g SAR	0.036	0.05
		Deviation	0.06	0.06
	Right Cheek	1g SAR	0.134	0.18
		10g SAR	0.076	0.10
		Deviation	-0.1	-0.10
	Right Tilt	1g SAR	0.068	0.09
		10g SAR	0.039	0.05
		Deviation	-0.06	-0.06