

APPENDIX A: SAR TEST RESULTS FOR P_{LIMIT} CALCULATIONS

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-1
 P_{Limit} Calculations –GSM 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	190	Right	Cheek	GSM 850	GSM	A	33.25	1:8.3	0.190	30.29	30.29
836.60	190	Right	Tilt	GSM 850	GSM	A	33.25	1:8.3	0.096	33.28	
836.60	190	Left	Cheek	GSM 850	GSM	A	33.25	1:8.3	0.111	32.63	
836.60	190	Left	Tilt	GSM 850	GSM	A	33.25	1:8.3	0.079	34.11	

Table A-2
 P_{Limit} Calculations –GSM 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	661	Right	Cheek	GSM 1900	GSM	A	26.02	1:8.3	0.051	28.77	26.71
1880.00	661	Right	Tilt	GSM 1900	GSM	A	26.02	1:8.3	0.038	30.05	
1880.00	661	Left	Cheek	GSM 1900	GSM	A	26.02	1:8.3	0.082	26.71	
1880.00	661	Left	Tilt	GSM 1900	GSM	A	26.02	1:8.3	0.024	32.05	

Table A-3
 P_{Limit} Calculations –UMTS 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	4183	Right	Cheek	UMTS 850	RMC	A	24.40	1:1	0.190	30.64	30.64
836.60	4183	Right	Tilt	UMTS 850	RMC	A	24.40	1:1	0.094	33.69	
836.60	4183	Left	Cheek	UMTS 850	RMC	A	24.40	1:1	0.144	31.85	
836.60	4183	Left	Tilt	UMTS 850	RMC	A	24.40	1:1	0.119	32.68	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 1 of 31

Table A-4
***P*Limit Calculations –UMTS 1750 Head SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1732.40	1412	Right	Cheek	UMTS 1750	RMC	A	17.27	1:1	0.066	28.11	25.03
1732.40	1412	Right	Tilt	UMTS 1750	RMC	A	17.27	1:1	0.058	28.67	
1732.40	1412	Left	Cheek	UMTS 1750	RMC	A	17.27	1:1	0.134	25.03	
1732.40	1412	Left	Tilt	UMTS 1750	RMC	A	17.27	1:1	0.040	30.28	

Table A-5
***P*Limit Calculations –UMTS 1900 Head SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	9400	Right	Cheek	UMTS 1900	RMC	A	17.47	1:1	0.093	26.82	25.50
1880.00	9400	Right	Tilt	UMTS 1900	RMC	A	17.47	1:1	0.068	28.18	
1880.00	9400	Left	Cheek	UMTS 1900	RMC	A	17.47	1:1	0.126	25.50	
1880.00	9400	Left	Tilt	UMTS 1900	RMC	A	17.47	1:1	0.045	29.97	

Table A-6
***P*Limit Calculations – LTE Band 12 Head SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.132	31.54	31.54
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.077	31.87	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.068	34.45	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.038	34.93	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.096	32.91	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.055	33.35	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.065	34.63	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.036	35.14	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 2 of 31

Table A-7
***P*Limit Calculations – LTE Band 13 Head SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Scaling Factor	Plimit	Overall Plimit
MHz	Ch.												(W/kg)			
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.199	1.265	30.02	29.17
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	25	12	22.13	1:1	0.158	1.222	29.17	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.093	1.265	33.35	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	25	12	22.13	1:1	0.073	1.222	32.56	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.110	1.265	32.60	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	25	12	22.13	1:1	0.085	1.222	31.85	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.080	1.265	33.99	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	25	12	22.13	1:1	0.063	1.222	33.15	

Table A-8
***P*Limit Calculations – LTE Band 26 Head SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.177	30.69	29.89
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.138	29.89	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.095	33.38	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.076	32.48	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.115	32.56	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.094	31.56	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.105	32.96	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.088	31.83	

Table A-9
***P*Limit Calculations – LTE Band 5 Head SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.176	30.37	30.37
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.107	30.65	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.084	33.59	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.051	33.91	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.116	32.18	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.071	32.41	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.103	32.69	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.061	33.12	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 3 of 31

Table A-10
***P*Limit Calculations – LTE Band 66 Head SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1745.00	132322	Mid	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	50	23.77	1:1	0.075	34.05	31.66
1745.00	132322	Mid	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.76	1:1	0.055	34.39	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	50	23.77	1:1	0.071	34.29	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.76	1:1	0.053	34.55	
1745.00	132322	Mid	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	50	23.77	1:1	0.125	31.83	
1745.00	132322	Mid	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.76	1:1	0.103	31.66	
1745.00	132322	Mid	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	50	23.77	1:1	0.058	35.17	
1745.00	132322	Mid	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.76	1:1	0.052	34.63	
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.538	17.60	16.00
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.540	17.61	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	0	15.70	1:1	0.746	16.00	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	99	15.64	1:1	0.719	16.10	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.627	16.94	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	0	15.76	1:1	0.757	16.00	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	25	15.80	1:1	0.763	16.01	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.614	17.05	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	100	0	15.87	1:1	0.776	16.00	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.379	19.12	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.399	18.92	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.523	17.73	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.540	17.61	

FCID ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 4 of 31

Table A-11
***P*_{Limit} Calculations – LTE Band 4 Head SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
1732.50	20175	Mid	Right	Cheek	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.753	16.54	16.32
1732.50	20175	Mid	Right	Cheek	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.740	16.66	
1732.50	20175	Mid	Right	Cheek	LTE Band 4 (AWS)	F	20	QPSK	100	0	16.27	1:1	0.725	16.70	
1732.50	20175	Mid	Right	Tilt	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.792	16.32	
1732.50	20175	Mid	Right	Tilt	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.785	16.40	
1732.50	20175	Mid	Right	Tilt	LTE Band 4 (AWS)	F	20	QPSK	100	0	16.27	1:1	0.768	16.45	
1732.50	20175	Mid	Left	Cheek	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.437	18.91	
1732.50	20175	Mid	Left	Cheek	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.430	19.02	
1732.50	20175	Mid	Left	Tilt	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.608	17.47	
1732.50	20175	Mid	Left	Tilt	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.590	17.64	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 5 of 31

Table A-12
***P*_{Limit} Calculations – LTE Band 2 Head SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.	(W/kg)													
1900.00	19100	High	Right	Cheek	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.67	1:1	0.079	33.72	30.74
1900.00	19100	High	Right	Cheek	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.87	1:1	0.070	33.45	
1900.00	19100	High	Right	Tilt	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.67	1:1	0.069	34.31	
1900.00	19100	High	Right	Tilt	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.87	1:1	0.058	34.27	
1900.00	19100	High	Left	Cheek	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.67	1:1	0.157	30.74	
1900.00	19100	High	Left	Cheek	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.87	1:1	0.123	31.00	
1900.00	19100	High	Left	Tilt	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.67	1:1	0.053	35.46	
1900.00	19100	High	Left	Tilt	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.87	1:1	0.038	36.10	
1860.00	18700	Low	Right	Cheek	LTE Band 2 (PCS)	F	20	QPSK	1	50	17.34	1:1	0.631	18.37	18.06
1880.00	18900	Mid	Right	Cheek	LTE Band 2 (PCS)	F	20	QPSK	1	0	17.43	1:1	0.677	18.16	
1900.00	19100	High	Right	Cheek	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.653	18.33	
1860.00	18700	Low	Right	Cheek	LTE Band 2 (PCS)	F	20	QPSK	50	25	17.38	1:1	0.661	18.21	
1880.00	18900	Mid	Right	Cheek	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.38	1:1	0.668	18.16	
1900.00	19100	High	Right	Cheek	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.677	18.42	
1900.00	19100	High	Right	Cheek	LTE Band 2 (PCS)	F	20	QPSK	100	0	17.40	1:1	0.654	18.28	
1860.00	18700	Low	Right	Tilt	LTE Band 2 (PCS)	F	20	QPSK	1	50	17.34	1:1	0.611	18.51	
1880.00	18900	Mid	Right	Tilt	LTE Band 2 (PCS)	F	20	QPSK	1	0	17.43	1:1	0.593	18.73	
1900.00	19100	High	Right	Tilt	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.695	18.06	
1860.00	18700	Low	Right	Tilt	LTE Band 2 (PCS)	F	20	QPSK	50	25	17.38	1:1	0.657	18.24	
1880.00	18900	Mid	Right	Tilt	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.38	1:1	0.641	18.34	
1900.00	19100	High	Right	Tilt	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.720	18.16	
1900.00	19100	High	Right	Tilt	LTE Band 2 (PCS)	F	20	QPSK	100	0	17.40	1:1	0.622	18.49	
1900.00	19100	High	Left	Cheek	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.410	20.35	
1900.00	19100	High	Left	Cheek	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.418	20.52	
1900.00	19100	High	Left	Tilt	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.447	19.98	
1900.00	19100	High	Left	Tilt	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.472	19.99	

FCID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 6 of 31

Table A-13
***P*Limit Calculations – LTE Band 41 Head SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	B	20	QPSK	1	0	25.0	24.71	1:1.58	0.035	36.32	32.30
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	B	20	QPSK	50	50	23.0	22.58	1:1.58	0.022	36.20	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	B	20	QPSK	1	0	25.0	24.71	1:1.58	0.023	38.14	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	B	20	QPSK	50	50	23.0	22.58	1:1.58	0.013	38.49	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	B	20	QPSK	1	0	25.0	24.71	1:1.58	0.081	32.67	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	B	20	QPSK	50	50	23.0	22.58	1:1.58	0.054	32.30	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	B	20	QPSK	1	0	26.0	25.50	1:2.31	0.061	N/A	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	B	20	QPSK	1	0	25.0	24.71	1:1.58	0.032	36.71	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	B	20	QPSK	50	50	23.0	22.58	1:1.58	0.021	36.40	

Table A-14
***P*Limit Calculations – NR Band n5 Head SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	167300	Mid	Right	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.146	31.27	31.08
836.50	167300	Mid	Right	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.152	31.08	
836.50	167300	Mid	Right	Cheek	NR Band n5	A	20	CP-OFDM	QPSK	1	1	22.43	1:1	0.096	31.64	
836.50	167300	Mid	Right	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.088	33.47	
836.50	167300	Mid	Right	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.092	33.26	
836.50	167300	Mid	Left	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.104	32.74	
836.50	167300	Mid	Left	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.106	32.65	
836.50	167300	Mid	Left	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.079	33.94	
836.50	167300	Mid	Left	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.080	33.87	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 7 of 31

Table A-15
***P*Limit Calculations – NR Band n66 Head SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.32	1:1	0.088	32.91	16.35
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.21	1:1	0.083	33.05	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.32	1:1	0.069	33.96	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.21	1:1	0.064	34.18	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.32	1:1	0.132	31.15	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.21	1:1	0.135	30.94	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	CP-OFDM	QPSK	1	1	21.72	1:1	0.092	31.11	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.32	1:1	0.068	34.03	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.21	1:1	0.055	34.84	
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.600	17.20	
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.629	17.00	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.687	16.61	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.691	16.60	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	216	0	15.89	1:1	0.662	16.71	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	CP-OFDM	QPSK	1	1	15.92	1:1	0.724	16.35	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.377	19.22	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.391	19.07	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.499	18.00	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.528	17.77	

FCI ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 8 of 31

Table A-16
***P*Limit Calculations – NR Band n41 Head SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{Limit}	Overall P _{Limit}
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.005	38.96	32.84
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.005	38.69	
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.000	55.95	
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.000	55.68	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.005	38.96	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.011	35.27	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	CP-OFDM	QPSK	1	1	16.60	1:1	0.019	32.84	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.000	55.95	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.000	55.68	
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.775	17.21	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.699	17.66	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.320	21.05	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.461	19.46	
2592.99	518598	Mid	Right	Cheek	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.304	21.56	
2592.99	518598	Mid	Right	Tilt	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.220	22.97	
2592.99	518598	Mid	Left	Cheek	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.624	18.44	
2592.99	518598	Mid	Left	Tilt	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.534	19.12	
2592.99	518598	Mid	Right	Cheek	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.000	54.71	
2592.99	518598	Mid	Right	Tilt	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.000	54.71	
2592.99	518598	Mid	Left	Cheek	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.000	54.71	
2592.99	518598	Mid	Left	Tilt	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.000	54.71	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 9 of 31

Table A-17
***P*Limit Calculations – NR Band n77 Head SAR**

MEASUREMENT RESULTS																																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit																
MHz	Ch.													(W/kg)																		
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.468	17.08	14.90																
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.07	1:1	0.661	14.90		14.90															
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.518	16.71			14.90														
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.44	1:1	0.720	14.90				14.90													
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	14.73	1:1	0.560	16.28					14.90												
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	CP-OFDM	QPSK	1	1	14.84	1:1	0.492	16.95						14.90											
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	14.73	1:1	0.515	16.64							14.90										
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.499	16.80								14.90									
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.07	1:1	0.617	15.20									14.90								
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.511	16.77										14.90							
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.44	1:1	0.692	15.07											14.90						
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	14.73	1:1	0.525	16.56												14.90					
3750.00	650000	Low	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.222	20.32													14.90				
3750.00	650000	Low	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.228	20.27														14.90			
3750.00	650000	Low	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.251	19.78															14.90		
3750.00	650000	Low	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.251	19.85																14.90	
3750.00	650000	Low	Right	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.003	36.48																	31.25
3750.00	650000	Low	Right	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.010	31.25																	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	11.77	1:1	0.005	33.81	31.25																
3750.00	650000	Low	Left	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.004	35.23		31.25															
3750.00	650000	Low	Left	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.000	51.25			31.25														
3930.00	662000	High	Right	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.124	20.38				31.25													
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	12.23	1:1	0.273	16.90					16.90												
3930.00	662000	High	Right	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.006	33.53						16.90											
3930.00	662000	High	Left	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.110	20.90	16.90																
3930.00	662000	High	Left	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.000	51.31		16.90															
3750.00	650000	Low	Right	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.037	23.37			23.37														
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	9.16	1:1	0.000	48.19				23.37													
3750.00	650000	Low	Right	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.000	49.05					23.37												
3750.00	650000	Low	Left	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.000	49.05						23.37											
3750.00	650000	Low	Left	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.000	49.05	23.37																

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 10 of 31

Table A-18
 P_{Limit} Calculations – DTS SISO Head SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
2412	1	Right	Cheek	802.11b	DSSS	2	22	1	13.91	98.86	0.317	14.87	13.01
2412	1	Right	Tilt	802.11b	DSSS	2	22	1	13.91	98.86	0.027	25.57	
2412	1	Left	Cheek	802.11b	DSSS	2	22	1	13.91	98.86	0.487	13.01	
2412	1	Left	Tilt	802.11b	DSSS	2	22	1	13.91	98.86	0.035	24.44	

Table A-19
 P_{Limit} Calculations – DTS MIMO Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
2412	1	Right	Cheek	802.11n	OFDM	MIMO	20	13	13.68	13.92	97.98	0.416	13.42	13.42
2412	1	Right	Tilt	802.11n	OFDM	MIMO	20	13	13.68	13.92	97.98	0.328	14.45	
2412	1	Left	Cheek	802.11n	OFDM	MIMO	20	13	13.68	13.92	97.98	0.337	14.34	
2412	1	Left	Tilt	802.11n	OFDM	MIMO	20	13	13.68	13.92	97.98	0.149	17.88	

Table A-20
 P_{Limit} Calculations – NII MIMO Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
5290	58	Right	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.64	12.76	97.77	0.266	14.31	12.30
5290	58	Right	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.64	12.76	97.77	0.122	17.70	
5290	58	Left	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.64	12.76	97.77	0.075	19.81	
5290	58	Left	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.64	12.76	97.77	0.072	19.99	
5690	138	Right	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.60	12.82	97.77	0.419	12.30	
5690	138	Right	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.60	12.82	97.77	0.271	14.19	
5690	138	Left	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.60	12.82	97.77	0.265	14.29	
5690	138	Left	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.60	12.82	97.77	0.202	15.47	
5775	155	Right	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.55	12.80	97.77	0.368	12.81	
5775	155	Right	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.55	12.80	97.77	0.181	15.90	
5775	155	Left	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.55	12.80	97.77	0.230	14.86	
5775	155	Left	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.55	12.80	97.77	0.174	16.07	
5855	171	Right	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.72	12.94	97.77	0.404	12.58	
5855	171	Right	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.72	12.94	97.77	0.159	16.63	
5855	171	Left	Cheek	802.11ac	OFDM	MIMO	80	58.5	12.72	12.94	97.77	0.282	14.14	
5855	171	Left	Tilt	802.11ac	OFDM	MIMO	80	58.5	12.72	12.94	97.77	0.246	14.73	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 11 of 31

Table A-21
 P_{Limit} Calculations – WIFI 6E MIMO Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit (dBm)	Overall Plimit (dBm)
MHz	Ch.											(W/kg)		
6305.00	71	Right	Cheek	802.11ax	OFDM	MIMO	80	68.1	9.66	9.56	99.82	0.099	15.60	14.90
6305.00	71	Right	Tilt	802.11ax	OFDM	MIMO	80	68.1	9.66	9.56	99.82	0.081	16.50	
6305.00	71	Left	Cheek	802.11ax	OFDM	MIMO	80	68.1	9.66	9.56	99.82	0.116	14.90	
6305.00	71	Left	Tilt	802.11ax	OFDM	MIMO	80	68.1	9.66	9.56	99.82	0.102	15.50	
5985.00	7	Left	Cheek	802.11ax	OFDM	MIMO	80	68.1	9.13	9.78	99.82	0.098	15.20	
6465.00	103	Left	Cheek	802.11ax	OFDM	MIMO	80	68.1	9.52	9.38	99.82	0.081	16.30	
6705.00	151	Left	Cheek	802.11ax	OFDM	MIMO	80	68.1	9.88	9.30	99.82	0.054	18.00	
7025.00	215	Left	Cheek	802.11ax	OFDM	MIMO	80	68.1	9.06	9.72	99.82	0.065	16.90	

Table A-22
 P_{Limit} Calculations – GSM Body-Worn SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	10 mm	GSM 850	GSM	A	33.5	33.25	1:8.3	0.381	27.27	27.27
1880.00	661	back	10 mm	GSM 1900	GSM	A	27.0	26.02	1:8.3	0.454	19.28	19.28

Table A-23
 P_{Limit} Calculations – UMTS Body-Worn SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
826.40	4132	back	10 mm	UMTS 850	RMC	A	25.5	24.37	1:1	0.504	26.38	25.15
836.60	4183	back	10 mm	UMTS 850	RMC	A	25.5	24.40	1:1	0.604	25.62	
846.60	4233	back	10 mm	UMTS 850	RMC	A	25.5	24.31	1:1	0.660	25.15	
1732.40	1412	back	10 mm	UMTS 1750	RMC	A	18.5	17.27	1:1	0.125	25.33	25.33
1880.00	9400	back	10 mm	UMTS 1900	RMC	A	19.0	17.47	1:1	0.184	23.85	23.85

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 12 of 31

Table A-24
***P_{Limit}* Calculations – 4G Body-Worn SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.313	27.79	27.79
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.193	27.88533239	
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.516	25.88441091	24.99
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	12	22.13	1:1	0.414	24.99089128	
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.511	26.09	25.16
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.410	25.16305082	
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.427	26.51662882	26.52
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.275	26.5475813	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.56	1:1	0.270	23.27723626	23.28
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.279	23.28486288	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.087	25.51573375	25.52
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.086	25.58596955	
1732.50	20175	Mid	back	10 mm	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.183	22.68639343	22.45
1732.50	20175	Mid	back	10 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.195	22.45056875	
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	18.67	1:1	0.268	23.41956905	23.07
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.299	23.07420187	
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.132	25.2751273	25.28
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.137	25.36366724	
2506.00	39750	Low	back	10 mm	LTE Band 41	B	20	QPSK	1	99	21.92	1:1.58	0.343	23.61404018	23.40
2506.00	39750	Low	back	10 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	0.361	23.4019025	

Table A-25
***P_{Limit}* Calculations – 5G Body-Worn SAR**

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}	
MHz	Ch.												(W/kg)			
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.408	26.80	26.80
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.355	27.40	
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	CP-OFDM	QPSK	1	1	22.43	1:1	0.220	28.04	
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.311	22.23	21.85
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.309	22.23	
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	17.96	1:1	0.327	21.85	
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.175	22.55	
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.184	22.34	
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	15.92	1:1	0.195	22.05	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 13 of 31

Table A-26
***P*_{Limit} Calculations – 5G Body-Worn SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.144	24.37	23.64
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.143	24.13	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	CP-OFDM	QPSK	1	1	16.60	1:1	0.158	23.64	
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.077	27.24	27.24
2592.99	518598	Mid	back	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.056	28.91	28.91
2592.99	518598	Mid	back	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.082	25.57	25.57

Table A-27
***P*_{Limit} Calculations – 5G Body-Worn SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.092	24.14	23.83
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.092	24.21	
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	14.84	1:1	0.101	23.83	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	14.73	1:1	0.087	24.37	22.95
3750.00	650000	Low	back	10 mm	NR Band n77	C	100	CW/SRS	N/A	NA	NA	12.22	1:1	0.031	26.34	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	NA	NA	11.77	1:1	0.061	22.95	
3930.00	662000	High	back	10 mm	NR Band n77	I	100	CW/SRS	N/A	NA	NA	12.28	1:1	0.022	27.89	24.54
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	NA	NA	12.23	1:1	0.047	24.54	
3750.00	650000	Low	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	NA	NA	10.02	1:1	0.113	18.52	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	NA	NA	9.16	1:1	0.142	16.67	16.67

Table A-28
***P*_{Limit} Calculations – DTS SISO Body-Worn SAR**

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
2412	1	back	10 mm	802.11b	DSSS	2	22	1	16.45	98.86	0.129	21.32	21.32

Table A-29
***P*_{Limit} Calculations – DTS MIMO Body-Worn SAR**

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Maximum Allowed Power (Ant 1)	Maximum Allowed Power (Ant 2)	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								[dBm]	[dBm]		(W/kg)		
2412	1	back	10 mm	802.11b	DSSS	MIMO	22	1	16.5	16.5	98.87	0.174	19.93	19.93

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 14 of 31

Table A-30
***P*Limit Calculations – NII MIMO Body-Worn SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Device Serial Number	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
5280	56	back	10 mm	802.11n	OFDM	MIMO	26423	20	13	15.99	15.69	97.88	0.333	16.39	16.39
5720	144	back	10 mm	802.11n	OFDM	MIMO	26423	20	13	15.93	14.82	97.88	0.220	17.32	
5785	157	back	10 mm	802.11n	OFDM	MIMO	26423	20	13	15.73	15.76	97.88	0.189	18.89	
5845	169	back	10 mm	802.11n	OFDM	MIMO	26423	20	13	15.82	15.78	97.88	0.159	19.70	

Table A-31
***P*Limit Calculations – WIFI 6E MIMO Body-Worn SAR**

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit (dBm)	Overall Plimit (dBm)
MHz	Ch.											(W/kg)		
6305.00	71	Back	10 mm	802.11ax	OFDM	MIMO	80	68.1	9.66	9.56	99.82	0.009	26	26

Table A-32
***P*Limit Calculations – GPRS Hotspot SAR**

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.									(W/kg)			
824.20	128	back	10 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.403	27.34	27.34	
824.20	128	front	10 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.347	27.99		
824.20	128	bottom	10 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.235	29.68		
824.20	128	right	10 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.318	28.37		
824.20	128	left	10 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.064	35.32		
1850.20	512	back	10 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.167	23.69	19.93	
1850.20	512	front	10 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.206	22.78		
1850.20	512	bottom	10 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.397	19.93		
1850.20	512	right	10 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.023	32.30		
1850.20	512	left	10 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.046	29.29		

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 15 of 31

Table A-33
***P*Limit Calculations –UMTS Hotspot SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	10 mm	UMTS 850	RMC	A	24.37	1:1	0.504	26.38	25.15
836.60	4183	back	10 mm	UMTS 850	RMC	A	24.40	1:1	0.604	25.62	
846.60	4233	back	10 mm	UMTS 850	RMC	A	24.31	1:1	0.660	25.15	
836.60	4183	front	10 mm	UMTS 850	RMC	A	24.40	1:1	0.443	26.97	
836.60	4183	bottom	10 mm	UMTS 850	RMC	A	24.40	1:1	0.283	28.91	
836.60	4183	right	10 mm	UMTS 850	RMC	A	24.40	1:1	0.166	31.23	
836.60	4183	left	10 mm	UMTS 850	RMC	A	24.40	1:1	0.082	34.31	
1732.40	1412	back	10 mm	UMTS 1750	RMC	A	17.27	1:1	0.125	25.33	22.37
1732.40	1412	front	10 mm	UMTS 1750	RMC	A	17.27	1:1	0.123	25.40	
1732.40	1412	bottom	10 mm	UMTS 1750	RMC	A	17.27	1:1	0.247	22.37	
1732.40	1412	right	10 mm	UMTS 1750	RMC	A	17.27	1:1	0.010	36.30	
1732.40	1412	left	10 mm	UMTS 1750	RMC	A	17.27	1:1	0.057	28.74	
1880.00	9400	back	10 mm	UMTS 1900	RMC	A	17.47	1:1	0.184	23.85	19.76
1880.00	9400	front	10 mm	UMTS 1900	RMC	A	17.47	1:1	0.189	23.74	
1852.40	9262	bottom	10 mm	UMTS 1900	RMC	A	17.43	1:1	0.425	20.18	
1880.00	9400	bottom	10 mm	UMTS 1900	RMC	A	17.47	1:1	0.439	20.08	
1907.60	9538	bottom	10 mm	UMTS 1900	RMC	A	17.32	1:1	0.456	19.76	
1880.00	9400	right	10 mm	UMTS 1900	RMC	A	17.47	1:1	0.022	33.08	
1880.00	9400	left	10 mm	UMTS 1900	RMC	A	17.47	1:1	0.048	29.69	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 16 of 31

Table A-34
***P*Limit Calculations – LTE Band 12 Hotspot SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.313	27.79	27.79
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.193	27.89	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.262	28.56	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.159	28.73	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.141	31.25	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.089	31.23	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.232	29.09	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.143	29.19	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.172	30.39	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	25	0	21.71	1:1	0.099	30.80	

Table A-35
***P*Limit Calculations – LTE Band 13 Hotspot SAR**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit		
MHz	Ch.												(W/kg)				
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	1	25	25.0	1:1	23.98	1:1	0.516	25.88	24.99
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	12	23.0	1:1	22.13	1:1	0.414	24.99	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	1	25	25.0	1:1	23.98	1:1	0.359	27.46	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	25	12	23.0	1:1	22.13	1:1	0.283	26.64	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	1	25	25.0	1:1	23.98	1:1	0.252	29.00	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	25	12	23.0	1:1	22.13	1:1	0.202	28.11	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	1	25	25.0	1:1	23.98	1:1	0.162	30.92	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	25	12	23.0	1:1	22.13	1:1	0.129	30.05	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	1	25	25.0	1:1	23.98	1:1	0.074	34.34	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	25	12	23.0	1:1	22.13	1:1	0.059	33.46	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 17 of 31

Table A-36
***P*_{Limit} Calculations – LTE Band 26 Hotspot SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.511	26.09	25.16
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.410	25.16	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.363	27.57	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.287	26.71	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.267	28.91	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.163	29.17	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.176	30.72	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.101	31.25	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.073	34.56	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	0	22.26	1:1	0.044	34.89	

Table A-37
***P*_{Limit} Calculations – LTE Band 5 Hotspot SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.427	26.52	26.52
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.275	26.55	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.331	27.62	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.213	27.66	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.230	29.20	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.148	29.24	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.155	30.92	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.092	31.30	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.068	34.50	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	0	21.91	1:1	0.045	34.41	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 18 of 31

Table A-38
***P*_{Limit} Calculations – LTE Band 66 Hotspot SAR**

MEASUREMENT RESULTS																									
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Scaling Factor	Reported SAR (1g)	P _{limit}	Overall P _{limit}									
MHz	Ch.											(W/kg)		(W/kg)											
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.56	1:1	0.270	1.393	0.376	23.28	21.54								
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.279	1.346	0.376	23.28		21.54							
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.56	1:1	0.235	1.393	0.327	23.88			21.54						
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.244	1.346	0.328	23.87				21.54					
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.56	1:1	0.392	1.393	0.546	21.66					21.54				
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.417	1.346	0.561	21.54						21.54			
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.56	1:1	0.022	1.393	0.031	34.17							21.54		
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.022	1.346	0.030	34.32								21.54	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.56	1:1	0.082	1.393	0.114	28.45									21.54
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.084	1.346	0.113	28.50									
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.087	1.294	0.113	25.52	21.92								
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.086	1.288	0.111	25.59		21.92							
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.100	1.294	0.129	24.91			21.92						
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.101	1.288	0.130	24.89				21.92					
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.199	1.294	0.258	21.92					21.92				
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.194	1.288	0.250	22.05						21.92			
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.038	1.294	0.049	29.11							21.92		
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.039	1.288	0.050	29.02								21.92	

Table A-39
***P*_{Limit} Calculations – LTE Band 4 Hotspot SAR**

MEASUREMENT RESULTS																					
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}							
MHz	Ch.											(W/kg)									
1732.50	20175	Mid	back	10 mm	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.183	22.69	19.66						
1732.50	20175	Mid	back	10 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.195	22.45		19.66					
1732.50	20175	Mid	front	10 mm	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.172	22.96			19.66				
1732.50	20175	Mid	front	10 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.183	22.73				19.66			
1732.50	20175	Mid	top	10 mm	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.344	19.95					19.66		
1732.50	20175	Mid	top	10 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.371	19.66						19.66	
1732.50	20175	Mid	left	10 mm	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.064	27.25							19.66
1732.50	20175	Mid	left	10 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.060	27.57							

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 19 of 31

Table A-40
***P*Limit Calculations – LTE Band 2 Hotspot SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	18.67	1:1	0.268	23.42	20.15
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.299	23.07	
1900.00	19100	High	front	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	18.67	1:1	0.257	23.60	
1900.00	19100	High	front	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.282	23.33	
1900.00	19100	High	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	18.67	1:1	0.550	20.30	
1860.00	18700	Low	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	18.78	1:1	0.560	20.33	
1880.00	18900	Mid	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.68	1:1	0.568	20.17	
1900.00	19100	High	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.586	20.15	
1900.00	19100	High	right	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	18.67	1:1	0.031	32.79	
1900.00	19100	High	right	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.033	32.65	
1900.00	19100	High	left	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	18.67	1:1	0.054	30.38	
1900.00	19100	High	left	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.066	29.64	
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.132	25.28	21.83
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.137	25.36	
1900.00	19100	High	front	10 mm	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.112	25.99	
1900.00	19100	High	front	10 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.120	25.94	
1900.00	19100	High	top	10 mm	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.286	21.92	
1900.00	19100	High	top	10 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.309	21.83	
1900.00	19100	High	left	10 mm	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.021	33.26	
1900.00	19100	High	left	10 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.018	34.18	

Table A-41
***P*Limit Calculations – LTE Band 41 Hotspot SAR**

MEASUREMENT RESULTS																
# CC Uplink, Power Class	FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
	MHz	Ch.											(W/kg)			
1 CC Uplink - Power Class 3	2506.00	39750	Low	back	10 mm	LTE Band 41	B	20	QPSK	1	99	21.92	1:1.58	0.343	23.61	23.40
1 CC Uplink - Power Class 3	2506.00	39750	Low	back	10 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	0.361	23.40	
1 CC Uplink - Power Class 3	2506.00	39750	Low	front	10 mm	LTE Band 41	B	20	QPSK	1	99	21.92	1:1.58	0.155	27.06	
1 CC Uplink - Power Class 3	2506.00	39750	Low	front	10 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	0.174	26.57	
1 CC Uplink - Power Class 3	2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	20	QPSK	1	99	21.92	1:1.58	0.319	23.93	
1 CC Uplink - Power Class 3	2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	0.337	23.70	
1 CC Uplink - Power Class 3	2506.00	39750	Low	left	10 mm	LTE Band 41	B	20	QPSK	1	99	21.92	1:1.58	0.173	26.59	
1 CC Uplink - Power Class 3	2506.00	39750	Low	left	10 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	0.186	26.28	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 20 of 31

Table A-42
***P*Limit Calculations – NR Band n5 Hotspot SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.408	26.80	26.80
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.355	27.40	
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	CP-OFDM	QPSK	1	1	22.43	1:1	0.220	28.04	
836.50	167300	Mid	front	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.302	28.11	
836.50	167300	Mid	front	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.265	28.67	
836.50	167300	Mid	bottom	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.201	29.88	
836.50	167300	Mid	bottom	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.195	30.00	
836.50	167300	Mid	right	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.121	32.08	
836.50	167300	Mid	right	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.128	31.83	
836.50	167300	Mid	left	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.054	35.59	
836.50	167300	Mid	left	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.87	1:1	0.051	35.83	

Table A-43
***P*Limit Calculations – NR Band n66 Hotspot SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
45.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.311	22.23	20.00
45.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.309	22.23	
45.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.298	22.42	
45.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.294	22.45	
45.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.510	20.09	
45.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.509	20.06	
45.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	17.96	1:1	0.500	20.00	
45.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.028	32.69	
45.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.026	32.98	
45.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.087	27.77	
45.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.087	27.74	
45.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.175	22.55	20.15
45.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.184	22.34	
45.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.146	23.34	
45.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.149	23.26	
45.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.289	20.37	
45.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.300	20.22	
45.00	349000	Mid	top	10 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	15.92	1:1	0.302	20.15	
45.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.045	28.45	
45.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.045	28.46	

FCI ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 21 of 31

Table A-44
***P*Limit Calculations – NR Band n41 Hotspot SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR(1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.144	24.37	23.25
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.143	24.13	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.125	24.98	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.112	25.19	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.178	23.45	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.175	23.25	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	CP-OFDM	QPSK	1	1	16.60	1:1	0.173	23.25	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.069	27.56	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	16.65	1:1	0.072	27.11	
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.077	27.24	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.080	27.07	23.70
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.174	23.70	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	17.07	1:1	0.015	34.34	
2592.99	518598	Mid	back	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.056	28.91	
2592.99	518598	Mid	front	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.070	27.94	27.64
2592.99	518598	Mid	top	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.075	27.64	
2592.99	518598	Mid	right	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	17.36	1:1	0.055	28.99	
2592.99	518598	Mid	back	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.082	25.57	
2592.99	518598	Mid	front	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.007	36.26	25.57
2592.99	518598	Mid	bottom	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.025	30.73	
2592.99	518598	Mid	right	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	15.68	1:1	0.002	41.70	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 22 of 31

Table A-45
***P*Limit Calculations – NR Band n77 Hotspot SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.092	24.14	23.08
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.092	24.21	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.054	26.46	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.050	26.86	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.099	23.83	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.093	24.17	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	14.84	1:1	0.108	23.54	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	14.73	1:1	0.117	23.08	
3750.00	650000	Low	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.012	32.99	
3750.00	650000	Low	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.012	33.06	
3750.00	650000	Low	back	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.031	26.34	22.88
3750.00	650000	Low	front	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.023	27.63	
3750.00	650000	Low	bottom	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.061	23.40	
3500.01	633334	Mid	bottom	10 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	11.77	1:1	0.062	22.88	
3750.00	650000	Low	left	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.057	23.69	
3930.00	662000	High	back	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.022	27.89	24.54
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	12.23	1:1	0.047	24.54	
3930.00	662000	High	front	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.022	27.89	
3930.00	662000	High	left	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.003	36.54	
3750.00	650000	Low	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.113	18.52	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	9.16	1:1	0.142	16.67	16.67
3750.00	650000	Low	front	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.000	49.05	
3750.00	650000	Low	bottom	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.007	30.60	
3750.00	650000	Low	right	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.002	36.04	

Table A-46
***P*Limit Calculations – DTS SIS0 Hotspot SAR**

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Power Drift [dB]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
2412	1	back	10 mm	802.11b	DSSS	2	22	1	16.45	0.00	98.86	0.129	21.32	19.80
2412	1	front	10 mm	802.11b	DSSS	2	22	1	16.45	-0.11	98.86	0.183	19.80	
2412	1	top	10 mm	802.11b	DSSS	2	22	1	16.45	0.16	98.86	0.003	37.65	
2412	1	right	10 mm	802.11b	DSSS	2	22	1	16.45	-0.06	98.86	0.039	26.51	

Table A-47
***P*Limit Calculations – DTS MIMO Hotspot SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Power Drift [dB]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2412	1	back	10 mm	802.11b	DSSS	MIMO	22	1	16.49	16.36	-0.11	98.87	0.174	19.93	17.31
2412	1	front	10 mm	802.11b	DSSS	MIMO	22	1	16.49	16.36	-0.10	98.87	0.208	19.15	
2412	1	top	10 mm	802.11b	DSSS	MIMO	22	1	16.49	16.36	-0.01	98.87	0.216	18.99	
2412	1	right	10 mm	802.11b	DSSS	MIMO	22	1	16.49	16.36	-0.20	98.87	0.067	24.07	
2412	1	left	10 mm	802.11b	DSSS	MIMO	22	1	16.49	16.36	0.01	98.87	0.318	17.31	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 23 of 31

Table A-48
***P*_{Limit} Calculations – NII MIMO Hotspot SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Power Drift [dB]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
5785	157	back	10 mm	802.11n	OFDM	MIMO	20	13	15.73	15.76	-0.05	97.88	0.189	18.89	17.71
5785	157	front	10 mm	802.11n	OFDM	MIMO	20	13	15.73	15.76	0.08	97.88	0.133	20.42	
5785	157	top	10 mm	802.11n	OFDM	MIMO	20	13	15.73	15.76	0.03	97.88	0.079	22.68	
5785	157	right	10 mm	802.11n	OFDM	MIMO	20	13	15.73	15.76	0.04	97.88	0.049	24.76	
5785	157	left	10 mm	802.11n	OFDM	MIMO	20	13	15.73	15.76	-0.04	97.88	0.248	17.71	

Table A-49
***P*_{Limit} Calculations – GPRS Phablet SAR**

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Scaling Factor	Plimit	Overall Plimit	
MHz	Ch.									(W/kg)				
824.20	128	back	0 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.942	1.247	27.63	27.63	
824.20	128	front	0 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.938	1.247	27.65		
824.20	128	bottom	0 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.388	1.247	31.48		
824.20	128	right	0 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.263	1.247	33.17		
824.20	128	left	0 mm	GSM 850	GPRS	A	4	27.54	1:2.076	0.348	1.247	31.95		
1850.20	512	back	0 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.859	1.472	20.56	18.26	
1850.20	512	front	0 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	1.100	1.472	19.49		
1850.20	512	bottom	0 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	1.360	1.472	18.56		
1880.00	661	bottom	0 mm	GSM 1900	GPRS	A	3	21.14	1:2.76	1.400	1.535	18.26		
1909.80	810	bottom	0 mm	GSM 1900	GPRS	A	3	21.27	1:2.76	1.310	1.489	18.68		
1850.20	512	right	0 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.122	1.472	29.04		
1850.20	512	left	0 mm	GSM 1900	GPRS	A	3	21.32	1:2.76	0.317	1.472	24.89		

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 24 of 31

Table A-50
***P*_{Limit} Calculations – UMTS Phablet SAR**

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.									(W/kg)		
836.60	4183	back	0 mm	UMTS 850	RMC	A	25.5	24.40	1:1	1.250	26.44	26.44
836.60	4183	front	0 mm	UMTS 850	RMC	A	25.5	24.40	1:1	1.240	26.48	
836.60	4183	bottom	0 mm	UMTS 850	RMC	A	25.5	24.40	1:1	0.453	30.85	
836.60	4183	right	0 mm	UMTS 850	RMC	A	25.5	24.40	1:1	0.279	32.95	
836.60	4183	left	0 mm	UMTS 850	RMC	A	25.5	24.40	1:1	0.338	32.12	
1732.40	1412	back	0 mm	UMTS 1750	RMC	A	18.5	17.27	1:1	0.396	24.30	23.58
1732.40	1412	front	0 mm	UMTS 1750	RMC	A	18.5	17.27	1:1	0.462	23.63	
1732.40	1412	bottom	0 mm	UMTS 1750	RMC	A	18.5	17.27	1:1	0.468	23.58	
1732.40	1412	right	0 mm	UMTS 1750	RMC	A	18.5	17.27	1:1	0.025	36.30	
1732.40	1412	left	0 mm	UMTS 1750	RMC	A	18.5	17.27	1:1	0.101	30.24	
1880.00	9400	back	0 mm	UMTS 1900	RMC	A	19.0	17.47	1:1	0.401	24.45	23.14
1880.00	9400	front	0 mm	UMTS 1900	RMC	A	19.0	17.47	1:1	0.490	23.58	
1880.00	9400	bottom	0 mm	UMTS 1900	RMC	A	19.0	17.47	1:1	0.542	23.14	
1880.00	9400	right	0 mm	UMTS 1900	RMC	A	19.0	17.47	1:1	0.056	33.00	
1880.00	9400	left	0 mm	UMTS 1900	RMC	A	19.0	17.47	1:1	0.157	28.52	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 25 of 31

Table A-51
***P*_{Limit} Calculations – LTE Band 12 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
707.50	23095	Mid	back	0 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.706	28.23	28.23
707.50	23095	Mid	front	0 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.661	28.52	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.404	30.66	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.182	34.12	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	0	23.71	1:1	0.213	33.44	

Table A-52
***P*_{Limit} Calculations – LTE Band 13 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
782.00	23230	Mid	back	0 mm	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	1.020	26.90	26.90
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.541	29.66	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.268	32.71	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.190	34.20	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	25	23.98	1:1	0.231	33.35	

Table A-53
***P*_{Limit} Calculations – LTE Band 26 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.966	27.30	26.08
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	1.280	26.08	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.584	29.49	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.301	32.36	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	0	24.14	1:1	0.434	30.78	

Table A-54
***P*_{Limit} Calculations – LTE Band 5 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	1.140	26.23	25.83
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	1.250	25.83	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.553	29.37	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.302	32.00	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	23.79	1:1	0.425	30.52	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 26 of 31

Table A-55
 P_{Limit} Calculations – LTE Band 66 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.746	22.99	21.72
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.781	22.79	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.56	1:1	0.966	21.72	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.996	21.74	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.074	33.03	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	18.71	1:1	0.189	28.96	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.374	23.16	20.48
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.380	23.11	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.370	23.21	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.364	23.30	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.685	20.53	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.696	20.48	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	15.88	1:1	0.097	29.02	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.90	1:1	0.100	28.91	

Table A-56
 P_{Limit} Calculations – LTE Band 4 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
1732.50	20175	Mid	back	0 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.329	24.16	20.07
1732.50	20175	Mid	front	0 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.610	21.48	
1732.50	20175	Mid	top	0 mm	LTE Band 4 (AWS)	F	20	QPSK	1	0	16.28	1:1	0.836	20.07	
1732.50	20175	Mid	top	0 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.828	20.15	
1732.50	20175	Mid	left	0 mm	LTE Band 4 (AWS)	F	20	QPSK	50	0	16.32	1:1	0.097	29.46	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 27 of 31

Table A-57
***P_{Limit}* Calculations – LTE Band 2 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
1900.00	19100	High	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.602	24.01	23.29
1900.00	19100	High	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.663	23.60	
1900.00	19100	High	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	18.67	1:1	0.622	23.74	
1900.00	19100	High	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.712	23.29	
1900.00	19100	High	right	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.073	33.18	
1900.00	19100	High	left	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	25	18.80	1:1	0.207	28.65	
1900.00	19100	High	back	0 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.361	25.14	20.91
1900.00	19100	High	front	0 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.303	25.90	
1900.00	19100	High	top	0 mm	LTE Band 2 (PCS)	F	20	QPSK	1	99	17.45	1:1	0.897	20.93	
1900.00	19100	High	top	0 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.955	20.91	
1900.00	19100	High	left	0 mm	LTE Band 2 (PCS)	F	20	QPSK	50	0	17.70	1:1	0.057	33.15	

Table A-58
***P_{Limit}* Calculations – LTE Band 41 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
2506.00	39750	Low	back	0 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	1.520	21.14	21.14
2506.00	39750	Low	front	0 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	1.280	21.88	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	0.029	38.33	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	20	QPSK	50	50	21.93	1:1.58	0.443	26.49	

Table A-59
***P_{Limit}* Calculations – NR Band n5 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.													(W/kg)		
836.50	167300	Mid	back	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.884	27.43	26.28
836.50	167300	Mid	front	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	1.150	26.28	
836.50	167300	Mid	bottom	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.462	30.24	
836.50	167300	Mid	right	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.267	32.63	
836.50	167300	Mid	left	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.88	1:1	0.403	30.84	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 28 of 31

Table A-60
***P*Limit Calculations – NR Band n66 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.654	22.99	21.71
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.634	23.09	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.698	22.70	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.683	22.77	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.809	22.06	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	18.10	1:1	0.824	21.95	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	17.96	1:1	0.843	21.71	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.083	31.95	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	18.13	1:1	0.194	28.26	
1745.00	349000	Mid	back	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.430	22.63	19.72
1745.00	349000	Mid	back	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.441	22.53	
1745.00	349000	Mid	front	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.590	21.25	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.813	19.86	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	0	15.96	1:1	0.825	19.81	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	15.92	1:1	0.834	19.72	
1745.00	349000	Mid	left	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.95	1:1	0.086	29.62	

Table A-61
***P*Limit Calculations – NR Band n41 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.801	20.89	20.89
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.529	22.70	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.632	21.92	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	271	16.92	1:1	0.175	27.50	
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	CWSRS	N/A	N/A	N/A	17.07	1:1	0.374	24.35	19.75
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	CWSRS	N/A	N/A	N/A	17.07	1:1	0.769	21.22	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CWSRS	N/A	N/A	N/A	17.07	1:1	1.080	19.75	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	CWSRS	N/A	N/A	N/A	17.07	1:1	0.072	31.51	
2592.99	518598	Mid	back	0 mm	NR Band n41	E	100	CWSRS	N/A	N/A	N/A	17.36	1:1	0.289	25.76	23.46
2592.99	518598	Mid	front	0 mm	NR Band n41	E	100	CWSRS	N/A	N/A	N/A	17.36	1:1	0.491	23.46	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	100	CWSRS	N/A	N/A	N/A	17.36	1:1	0.230	26.75	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	100	CWSRS	N/A	N/A	N/A	17.36	1:1	0.376	24.62	
2592.99	518598	Mid	back	0 mm	NR Band n41	D	100	CWSRS	N/A	N/A	N/A	15.68	1:1	0.383	22.86	22.86
2592.99	518598	Mid	front	0 mm	NR Band n41	D	100	CWSRS	N/A	N/A	N/A	15.68	1:1	0.098	28.78	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	100	CWSRS	N/A	N/A	N/A	15.68	1:1	0.088	29.25	
2592.99	518598	Mid	right	0 mm	NR Band n41	D	100	CWSRS	N/A	N/A	N/A	15.68	1:1	0.001	48.69	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 29 of 31

Table A-62
***P*Limit Calculations – NR Band n77 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.561	20.34	20.31
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.345	22.45	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.75	1:1	0.488	20.88	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.470	21.11	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	14.84	1:1	0.506	20.81	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	14.73	1:1	0.553	20.31	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	14.82	1:1	0.036	32.27	
3750.00	650000	Low	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.323	20.14	18.65
3750.00	650000	Low	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.296	20.52	
3750.00	650000	Low	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.189	22.47	
3750.00	650000	Low	left	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	12.22	1:1	0.455	18.65	
3930.00	662000	High	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.266	21.04	
3930.00	662000	High	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.575	17.69	
3930.00	662000	High	left	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	12.28	1:1	0.075	26.54	
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.442	16.58	14.03
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	9.16	1:1	0.652	14.03	
3750.00	650000	Low	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.001	43.03	
3750.00	650000	Low	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.014	31.57	
3750.00	650000	Low	right	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	10.02	1:1	0.009	33.49	

Table A-63
***P*Limit Calculations – DTS SISO Phablet SAR**

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
2412	1	back	0 mm	802.11b	DSSS	2	22	1	17.98	98.86	0.470	21.21	16.72
2412	1	front	0 mm	802.11b	DSSS	2	22	1	17.98	98.86	1.320	16.72	
2412	1	top	0 mm	802.11b	DSSS	2	22	1	17.98	98.86	0.007	39.48	
2412	1	right	0 mm	802.11b	DSSS	2	22	1	17.98	98.86	0.209	24.73	

Table A-64
***P*Limit Calculations – DTS MIMO Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Device Serial Number	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2412	1	back	0 mm	802.11b	DSSS	MIMO	26445	22	1	17.81	17.82	98.87	0.630	19.77	15.89
2412	1	front	0 mm	802.11b	DSSS	MIMO	26445	22	1	17.81	17.82	98.87	1.270	16.72	
2412	1	top	0 mm	802.11b	DSSS	MIMO	26445	22	1	17.81	17.82	98.87	0.469	21.05	
2412	1	right	0 mm	802.11b	DSSS	MIMO	26445	22	1	17.81	17.82	98.87	0.204	24.66	
2412	1	left	0 mm	802.11b	DSSS	MIMO	26445	22	1	17.81	17.82	98.87	1.540	15.89	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 30 of 31

Table A-65
***P*_{Limit} Calculations – NII MIMO Phablet SAR**

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.											(W/kg)		
5280	56	back	0 mm	802.11n	OFDM	MIMO	20	13	15.99	15.69	97.88	0.485	18.74	15.34
5280	56	front	0 mm	802.11n	OFDM	MIMO	20	13	15.99	15.69	97.88	1.060	15.34	
5280	56	top	0 mm	802.11n	OFDM	MIMO	20	13	15.99	15.69	97.88	0.177	23.12	
5280	56	right	0 mm	802.11n	OFDM	MIMO	20	13	15.99	15.69	97.88	0.052	28.44	
5280	56	left	0 mm	802.11n	OFDM	MIMO	20	13	15.99	15.69	97.88	0.164	23.45	
5720	144	back	0 mm	802.11n	OFDM	MIMO	20	13	15.93	14.82	97.88	0.443	18.26	16.17
5720	144	front	0 mm	802.11n	OFDM	MIMO	20	13	15.93	14.82	97.88	0.717	16.17	
5720	144	top	0 mm	802.11n	OFDM	MIMO	20	13	15.93	14.82	97.88	0.172	22.37	
5720	144	right	0 mm	802.11n	OFDM	MIMO	20	13	15.93	14.82	97.88	0.164	22.58	
5720	144	left	0 mm	802.11n	OFDM	MIMO	20	13	15.93	14.82	97.88	0.708	16.23	
5845	169	back	0 mm	802.11n	OFDM	MIMO	20	13	15.82	15.78	97.88	0.340	20.38	16.54
5845	169	front	0 mm	802.11n	OFDM	MIMO	20	13	15.82	15.78	97.88	0.633	17.68	
5845	169	top	0 mm	802.11n	OFDM	MIMO	20	13	15.82	15.78	97.88	0.186	23.00	
5845	169	right	0 mm	802.11n	OFDM	MIMO	20	13	15.82	15.78	97.88	0.182	23.09	
5845	169	left	0 mm	802.11n	OFDM	MIMO	20	13	15.82	15.78	97.88	0.823	16.54	

Table A-66
***P*_{Limit} Calculations – WIFI 6E MIMO Phablet SAR**

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Duty Cycle (%)	SAR (10g)	P _{limit} (dBm)	Overall P _{limit} (dBm)
MHz	Ch.										(W/kg)		
6305.00	71	Back	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.66	99.82	0.021	26.3	18.8
6305.00	71	Front	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.66	99.82	0.118	18.8	
6305.00	71	Top	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.66	99.82	0.015	27.8	
6305.00	71	Right	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.66	99.82	0.090	20	
6305.00	71	Left	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.66	99.82	0.040	23.5	
5985.00	7	Front	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.13	99.82	0.057	21.6	
6465.00	103	Front	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.52	99.82	0.048	22.6	
6705.00	151	Front	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.88	99.82	0.100	19.3	
7025.00	215	Front	0 mm	802.11ax	OFDM	MIMO	80	68.1	9.06	99.82	0.044	22.6	

FCC ID: A3LSMS711B	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2304260063-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 31 of 31