

## 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**  
**DSI = 2  $P_{Limit}$  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)		
824.20	128	Right	Cheek	GSM 850	GSM	A	31.87	1:8.3	0.103	32.54	31.43
824.20	128	Right	Tilt	GSM 850	GSM	A	31.87	1:8.3	0.077	33.81	
824.20	128	Left	Cheek	GSM 850	GSM	A	31.87	1:8.3	0.133	31.43	
824.20	128	Left	Tilt	GSM 850	GSM	A	31.87	1:8.3	0.071	34.15	

**Table A-2**  
**DSI = 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)		
1909.80	810	Right	Cheek	GSM 1900	GSM	A	28.86	1:8.3	0.044	33.22	33.22
1909.80	810	Right	Tilt	GSM 1900	GSM	A	28.86	1:8.3	0.020	36.65	
1909.80	810	Left	Cheek	GSM 1900	GSM	A	28.86	1:8.3	0.032	34.61	
1909.80	810	Left	Tilt	GSM 1900	GSM	A	28.86	1:8.3	0.032	34.61	

**Table A-3**  
**DSI = 2  $P_{Limit}$  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	23.68	1:1	0.131	32.51	31.30
836.60	4183	Right	Tilt	UMTS 850	RMC	A	23.68	1:1	0.090	34.13	
836.60	4183	Left	Cheek	UMTS 850	RMC	A	23.68	1:1	0.173	31.30	
836.60	4183	Left	Tilt	UMTS 850	RMC	A	23.68	1:1	0.087	34.26	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 1 of 61

**Table A-4**  
**DSI = 2  $P_{Limit}$  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	22.77	1:1	0.125	31.80	31.80
1732.40	1412	Right	Tilt	UMTS 1750	RMC	A	22.77	1:1	0.094	33.04	
1732.40	1412	Left	Cheek	UMTS 1750	RMC	A	22.77	1:1	0.081	33.69	
1732.40	1412	Left	Tilt	UMTS 1750	RMC	A	22.77	1:1	0.087	33.37	

**Table A-5**  
**DSI = 2  $P_{Limit}$  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	22.74	1:1	0.113	32.21	32.21
1880.00	9400	Right	Tilt	UMTS 1900	RMC	A	22.74	1:1	0.057	35.18	
1880.00	9400	Left	Cheek	UMTS 1900	RMC	A	22.74	1:1	0.094	33.01	
1880.00	9400	Left	Tilt	UMTS 1900	RMC	A	22.74	1:1	0.074	34.05	

**Table A-6**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 71 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)			
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.107	34.26	34.26
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.072	34.89	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.040	38.54	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.031	38.54	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.099	34.58	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.070	34.99	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.039	38.67	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.030	38.65	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 2 of 61

**Table A-7**  
**DSI = 2  $P_{Limit}$  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	25	24.51	1:1	0.116	33.87	33.37
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.094	33.83	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.073	35.89	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.054	36.26	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.130	33.37	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.103	33.45	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.060	36.73	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.045	37.02	

**Table A-8**  
**DSI = 2  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.145	33.31	31.94
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.088	34.11	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.096	35.11	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.055	36.11	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.161	32.85	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.145	31.94	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.068	36.61	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.050	36.54	

**Table A-9**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 14 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)		
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.155	32.68	31.72
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.119	32.78	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.070	36.14	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.051	36.43	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.193	31.72	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.150	31.78	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.082	35.45	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.066	35.34	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 3 of 61

**Table A-10**  
**DSI = 2  $P_{Limit}$  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	36	24.27	1:1	0.161	32.20	31.07
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.124	32.42	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.109	33.90	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.095	33.58	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.209	31.07	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.159	31.34	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.113	33.74	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.090	33.80	

**Table A-11**  
**DSI = 2  $P_{Limit}$  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	25	24.46	1:1	0.187	31.74	30.89
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.133	32.21	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.139	33.03	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.106	33.20	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.39	1:1	0.224	30.89	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.207	31.30	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.155	31.55	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.112	33.97	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.082	34.29	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 4 of 61

**Table A-12**  
**DSI = 2  $P_{Limit}$  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	99	23.35	1:1	0.157	31.39	31.39
1745.00	132322	Mid	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.110	31.98	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.106	33.10	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.092	32.75	
1745.00	132322	Mid	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.068	35.02	
1745.00	132322	Mid	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.063	34.40	
1745.00	132322	Mid	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.118	32.63	
1745.00	132322	Mid	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.089	32.90	
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	99	18.26	1:1	0.674	19.97	19.07
1745.00	132322	Mid	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	50	18.17	1:1	0.646	20.07	
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	50	18.20	1:1	0.619	20.28	
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.23	1:1	0.670	19.97	
1745.00	132322	Mid	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.12	1:1	0.639	20.06	
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.11	1:1	0.635	20.08	
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	100	0	18.07	1:1	0.640	20.01	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	99	18.26	1:1	0.786	19.31	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	50	18.17	1:1	0.753	19.40	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	50	18.20	1:1	0.757	19.41	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.23	1:1	0.779	19.31	
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.12	1:1	0.742	19.42	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.11	1:1	0.732	19.46	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	100	0	18.07	1:1	0.795	19.07	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	99	18.26	1:1	0.469	21.55	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.23	1:1	0.459	21.61	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	99	18.26	1:1	0.584	20.60	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	18.23	1:1	0.561	20.74	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 5 of 61

**Table A-13**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 25 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)			
1905.00	26590	High	Right	Cheek	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.081	34.19	33.89
1905.00	26590	High	Right	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.064	34.16	
1905.00	26590	High	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.038	37.47	
1905.00	26590	High	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.020	39.21	
1905.00	26590	High	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.084	34.03	
1905.00	26590	High	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.068	33.89	
1905.00	26590	High	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.068	34.94	
1905.00	26590	High	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.044	35.79	
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.95	1:1	0.562	19.45	
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	50	16.85	1:1	0.566	19.32	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.95	1:1	0.581	19.31	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	50	16.85	1:1	0.576	19.25	
1882.50	26365	Mid	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	50	16.80	1:1	0.591	19.08	
1905.00	26590	High	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	0	16.84	1:1	0.606	19.02	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.95	1:1	0.331	21.75	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	50	16.85	1:1	0.322	21.77	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.95	1:1	0.442	20.50	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	50	16.85	1:1	0.445	20.37	

<b>FCI ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 6 of 61

**Table A-14**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 30 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)													
2310.00	27710	Mid	Right	Cheek	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.056	34.72	33.24
2310.00	27710	Mid	Right	Cheek	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.041	35.03	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.059	34.49	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.047	34.44	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.050	35.21	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.041	35.03	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.064	34.14	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.062	33.24	
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	1	25	17.46	1:1	0.505	20.43	
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	25	12	17.44	1:1	0.503	20.42	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	1	25	17.46	1:1	0.503	20.44	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	25	12	17.44	1:1	0.489	20.55	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	1	25	17.46	1:1	0.373	21.74	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	25	12	17.44	1:1	0.364	21.83	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	1	25	17.46	1:1	0.546	20.09	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	25	12	17.44	1:1	0.527	20.22	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 7 of 61

**Table A-15**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 7 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)													
2535.00	21100	Mid	Right	Cheek	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.028	38.37	37.65
2535.00	21100	Mid	Right	Cheek	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.016	39.69	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.025	38.86	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.023	38.11	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.033	37.65	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.023	38.11	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.023	39.22	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.021	38.51	
2510.00	20850	Low	Right	Cheek	LTE Band 7	F	20	QPSK	1	0	16.39	1:1	0.674	18.10	
2510.00	20850	Low	Right	Cheek	LTE Band 7	F	20	QPSK	50	0	16.38	1:1	0.683	18.04	
2535.00	21100	Mid	Right	Cheek	LTE Band 7	F	20	QPSK	50	0	15.97	1:1	0.523	18.79	
2560.00	21350	High	Right	Cheek	LTE Band 7	F	20	QPSK	50	50	15.98	1:1	0.484	19.13	
2510.00	20850	Low	Right	Cheek	LTE Band 7	F	20	QPSK	100	0	16.24	1:1	0.674	17.95	
2510.00	20850	Low	Right	Tilt	LTE Band 7	F	20	QPSK	1	0	16.39	1:1	0.673	18.11	
2510.00	20850	Low	Right	Tilt	LTE Band 7	F	20	QPSK	50	0	16.38	1:1	0.689	18.00	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	F	20	QPSK	50	0	15.97	1:1	0.644	17.88	
2560.00	21350	High	Right	Tilt	LTE Band 7	F	20	QPSK	50	50	15.98	1:1	0.632	17.97	
2510.00	20850	Low	Right	Tilt	LTE Band 7	F	20	QPSK	100	0	16.24	1:1	0.681	17.91	
2510.00	20850	Low	Left	Cheek	LTE Band 7	F	20	QPSK	1	0	16.39	1:1	0.324	21.28	
2510.00	20850	Low	Left	Cheek	LTE Band 7	F	20	QPSK	50	0	16.38	1:1	0.325	21.26	
2510.00	20850	Low	Left	Tilt	LTE Band 7	F	20	QPSK	1	0	16.39	1:1	0.374	20.66	
2510.00	20850	Low	Left	Tilt	LTE Band 7	F	20	QPSK	50	0	16.38	1:1	0.379	20.59	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 8 of 61



**Table A-16**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 41 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)			
2593.00	40620	Mid	Right	Cheek	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.016	40.04	37.76
2593.00	40620	Mid	Right	Cheek	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.017	38.88	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.018	39.53	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.013	40.05	
2593.00	40620	Mid	Left	Cheek	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.027	37.77	
2593.00	40620	Mid	Left	Cheek	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.022	37.76	
2593.00	40620	Mid	Left	Tilt	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.012	41.29	
2593.00	40620	Mid	Left	Tilt	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.011	40.77	
2506.00	39750	Low	Right	Cheek	LTE Band 41	F	20	QPSK	1	50	19.59	1:1.58	0.612	19.74	
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	1	50	19.33	1:1.58	0.683	19.00	
2593.00	40620	Mid	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	19.33	1:1.58	0.669	19.09	
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	19.44	1:1.58	0.512	20.36	
2680.00	41490	High	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	19.34	1:1.58	0.484	20.51	
2506.00	39750	Low	Right	Cheek	LTE Band 41	F	20	QPSK	50	0	19.58	1:1.58	0.600	19.81	
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	50	25	19.41	1:1.58	0.683	19.08	
2593.00	40620	Mid	Right	Cheek	LTE Band 41	F	20	QPSK	50	25	19.40	1:1.58	0.552	20.00	
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	F	20	QPSK	50	50	19.48	1:1.58	0.521	20.33	
2680.00	41490	High	Right	Cheek	LTE Band 41	F	20	QPSK	50	25	19.41	1:1.58	0.617	19.52	
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	F	20	QPSK	100	0	19.43	1:1.58	0.629	19.46	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	1	50	19.59	1:1.58	1.020	17.52	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	1	50	19.33	1:1.58	0.874	17.93	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	19.33	1:1.58	0.863	17.99	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	19.44	1:1.58	0.848	18.17	
2680.00	41490	High	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	19.34	1:1.58	0.899	17.82	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	50	0	19.58	1:1.58	1.020	17.51	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	19.42	1:1.58	0.973	17.55	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	50	25	19.41	1:1.58	0.896	17.90	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	F	20	QPSK	50	25	19.40	1:1.58	0.883	17.96	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	19.48	1:1.58	0.848	18.21	
2680.00	41490	High	Right	Tilt	LTE Band 41	F	20	QPSK	50	25	19.41	1:1.58	0.934	17.72	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	F	20	QPSK	100	0	19.43	1:1.58	0.830	18.26	
2506.00	39750	Low	Left	Cheek	LTE Band 41	F	20	QPSK	1	50	19.59	1:1.58	0.454	21.04	
2506.00	39750	Low	Left	Cheek	LTE Band 41	F	20	QPSK	50	0	19.58	1:1.58	0.461	20.96	
2506.00	39750	Low	Left	Tilt	LTE Band 41	F	20	QPSK	1	50	19.59	1:1.58	0.453	21.05	
2506.00	39750	Low	Left	Tilt	LTE Band 41	F	20	QPSK	50	0	19.58	1:1.58	0.462	20.95	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 9 of 61

**Table A-17**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 48 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)		
3560.00	55340	Low	Right	Cheek	LTE Band 48	G	20	QPSK	1	99	18.39	1:1.58	0.562	18.91	18.69
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	G	20	QPSK	1	99	18.31	1:1.58	0.547	18.94	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	G	20	QPSK	1	50	18.19	1:1.58	0.564	18.69	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	G	20	QPSK	1	99	18.16	1:1.58	0.540	18.85	
3690.00	56640	High	Right	Cheek	LTE Band 48	G	20	QPSK	1	50	18.08	1:1.58	0.534	18.82	
3560.00	55340	Low	Right	Cheek	LTE Band 48	G	20	QPSK	50	50	18.44	1:1.58	0.553	19.03	
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	G	20	QPSK	50	50	18.43	1:1.58	0.578	18.83	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	G	20	QPSK	50	25	18.31	1:1.58	0.576	18.72	
3690.00	56640	High	Right	Cheek	LTE Band 48	G	20	QPSK	50	50	18.18	1:1.58	0.546	18.83	
3560.00	55340	Low	Right	Cheek	LTE Band 48	G	20	QPSK	100	0	18.38	1:1.58	0.562	18.90	
3560.00	55340	Low	Right	Tilt	LTE Band 48	G	20	QPSK	1	99	18.39	1:1.58	0.502	19.40	
3560.00	55340	Low	Right	Tilt	LTE Band 48	G	20	QPSK	50	50	18.44	1:1.58	0.523	19.27	
3560.00	55340	Low	Left	Cheek	LTE Band 48	G	20	QPSK	1	99	18.39	1:1.58	0.131	25.23	
3560.00	55340	Low	Left	Cheek	LTE Band 48	G	20	QPSK	50	50	18.44	1:1.58	0.137	25.09	
3560.00	55340	Low	Left	Tilt	LTE Band 48	G	20	QPSK	1	99	18.39	1:1.58	0.154	24.53	
3560.00	55340	Low	Left	Tilt	LTE Band 48	G	20	QPSK	50	50	18.44	1:1.58	0.155	24.55	

**Table A-18**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n71 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)		
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.109	33.66	33.66
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.093	34.46	
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	CP-OFDM	QPSK	1	1	22.48	1:1	0.064	34.42	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.054	36.71	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.048	37.33	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.102	33.94	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.084	34.90	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.035	38.59	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.033	38.96	

**Table A-19**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n12 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)		
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.127	32.97	32.82
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.127	33.05	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.089	34.52	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.083	34.90	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.111	33.56	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.134	32.82	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	CP-OFDM	QPSK	1	1	22.61	1:1	0.073	33.98	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.075	35.26	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.062	36.17	

FCC ID: A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 10 of 61

**Table A-20**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n26 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)														
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.121	33.30	31.64
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.128	33.17	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.107	33.84	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.103	34.11	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.175	31.70	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.182	31.64	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	20	CP-OFDM	QPSK	1	1	22.68	1:1	0.100	32.68	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.104	33.96	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.107	33.95	

**Table A-21**  
**DSI = 2  $P_{Limit}$  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	24.00	1:1	0.144	32.42	32.33
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.135	32.84	
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	CP-OFDM	QPSK	1	1	22.54	1:1	0.105	32.33	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.095	34.22	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.086	34.80	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.075	35.25	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.073	35.51	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.096	34.18	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.097	34.27	
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	18.25	1:1	0.679	19.93	19.03
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	18.23	1:1	0.669	19.98	
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	216	0	18.21	1:1	0.672	19.94	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	18.25	1:1	0.782	19.32	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	18.23	1:1	0.779	19.32	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	216	0	18.21	1:1	0.828	19.03	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	CP-OFDM	QPSK	1	1	18.11	1:1	0.739	19.42	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	18.25	1:1	0.378	22.48	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	18.23	1:1	0.369	22.56	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	18.25	1:1	0.609	20.40	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	18.23	1:1	0.553	20.80	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 11 of 61

**Table A-22**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n25 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)			
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.072	34.87	33.62
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.085	34.34	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.036	37.88	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.041	37.50	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.096	33.62	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.092	33.99	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	CP-OFDM	QPSK	1	1	21.61	1:1	0.056	34.13	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.064	35.38	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.066	35.44	
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.00	1:1	0.463	20.34	
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	17.17	1:1	0.488	20.29	
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	17.21	1:1	0.492	20.29	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.00	1:1	0.523	19.82	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	17.17	1:1	0.536	19.88	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	17.21	1:1	0.533	19.94	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	CP-OFDM	QPSK	1	1	17.06	1:1	0.541	19.73	
1882.50	376500	Mid	Left	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.00	1:1	0.301	22.21	
1882.50	376500	Mid	Left	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	17.17	1:1	0.314	22.20	
1882.50	376500	Mid	Left	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	17.21	1:1	0.320	22.16	
1882.50	376500	Mid	Left	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.00	1:1	0.368	21.34	
1882.50	376500	Mid	Left	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	17.17	1:1	0.394	21.22	
1882.50	376500	Mid	Left	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	17.21	1:1	0.404	21.15	

**Table A-23**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n30 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)			
2310.00	462000	Mid	Right	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.038	36.57	35.37
2310.00	462000	Mid	Right	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.035	36.83	
2310.00	462000	Mid	Right	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.035	36.93	
2310.00	462000	Mid	Right	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.031	37.36	
2310.00	462000	Mid	Left	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.031	37.46	
2310.00	462000	Mid	Left	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.033	37.09	
2310.00	462000	Mid	Left	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.049	35.47	
2310.00	462000	Mid	Left	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.049	35.37	
2310.00	462000	Mid	Left	Tilt	NR Band n30	A	10	CP-OFDM	QPSK	1	1	20.33	1:1	0.031	35.42	
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	50	16.79	1:1	0.478	20.00	
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	16.88	1:1	0.481	20.06	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	50	16.79	1:1	0.513	19.69	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	16.88	1:1	0.515	19.76	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	CP-OFDM	QPSK	1	1	16.32	1:1	0.539	19.00	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	50	16.79	1:1	0.298	22.05	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	16.88	1:1	0.294	22.20	
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	50	16.79	1:1	0.402	20.75	
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	16.88	1:1	0.408	20.77	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 12 of 61

**Table A-24**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n7 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)		
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.011	43.02	36.71
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.020	40.47	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.024	39.63	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.024	39.68	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.047	36.71	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.045	36.95	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	CP-OFDM	QPSK	1	1	21.99	1:1	0.029	37.37	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.022	40.01	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.026	39.33	
2535.00	507000	Mid	Right	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.29	1:1	0.470	19.57	
2535.00	507000	Mid	Right	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.34	1:1	0.468	19.64	16.81
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.29	1:1	0.841	17.04	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.34	1:1	0.867	16.96	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	216	0	16.28	1:1	0.852	16.98	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	CP-OFDM	QPSK	1	1	16.27	1:1	0.884	16.81	
2535.00	507000	Mid	Left	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.29	1:1	0.404	20.23	
2535.00	507000	Mid	Left	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.34	1:1	0.413	20.18	
2535.00	507000	Mid	Left	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.29	1:1	0.407	20.19	
2535.00	507000	Mid	Left	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.34	1:1	0.417	20.14	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 13 of 61

**Table A-25**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n41 Head SAR**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	Path	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	Right	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.31	1:1	0.678	19.00	17.63
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	17.32	1:1	0.691	18.93	
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	270	0	17.30	1:1	0.658	18.92	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.31	1:1	0.823	18.16	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	17.32	1:1	0.847	18.04	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	270	0	17.30	1:1	0.857	17.97	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	17.05	1:1	0.875	17.63	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.413	18.94	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.31	1:1	0.292	22.66	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	17.32	1:1	0.295	22.62	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.31	1:1	0.357	21.78	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	17.32	1:1	0.364	21.71	
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	17.12	1:1	0.005	40.13	
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	17.09	1:1	0.004	41.07	
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	17.12	1:1	0.000	57.12	
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	17.09	1:1	0.000	57.09	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	17.12	1:1	0.005	40.13	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	17.09	1:1	0.006	39.31	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 2	100	CP-OFDM	QPSK	1	1	16.90	1:1	0.005	39.91	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	15.01	1:1	0.001	45.01	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	17.12	1:1	0.002	44.11	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	17.09	1:1	0.001	47.09	
2592.99	518598	Mid	Right	Cheek	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	13.05	1:1	0.266	18.80	
2592.99	518598	Mid	Right	Tilt	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	13.05	1:1	0.195	20.15	
2592.99	518598	Mid	Left	Cheek	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	13.05	1:1	0.377	17.29	
2592.99	518598	Mid	Left	Cheek	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	12.08	1:1	0.292	17.43	
2592.99	518598	Mid	Left	Tilt	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	13.05	1:1	0.290	18.43	
2592.99	518598	Mid	Right	Cheek	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	14.71	1:1	0.000	54.71	
2592.99	518598	Mid	Right	Cheek	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	14.16	1:1	0.000	54.16	
2592.99	518598	Mid	Right	Tilt	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	14.71	1:1	0.000	54.71	
2592.99	518598	Mid	Left	Cheek	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	14.71	1:1	0.000	54.71	
2592.99	518598	Mid	Left	Tilt	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	14.71	1:1	0.000	54.71	

Note: Light purple entries indicate the additional check on the worst case exposure scenario for the n41 pathway that is not fully evaluated.

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 14 of 61

**Table A-26**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n48 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)		
3570.00	638000	Low	Right	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	16.30	1:1	0.688	17.92	17.92
3624.99	641666	Mid	Right	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	104	16.27	1:1	0.651	18.13	
3679.98	645332	High	Right	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	104	16.24	1:1	0.493	19.31	
3570.00	638000	Low	Right	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	16.27	1:1	0.609	18.42	
3624.99	641666	Mid	Right	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	16.17	1:1	0.531	18.92	
3679.98	645332	High	Right	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	56	16.12	1:1	0.507	19.07	
3570.00	638000	Low	Right	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	100	0	16.15	1:1	0.548	18.76	
3570.00	638000	Low	Right	Cheek	NR Band n48	G	40	CP-OFDM	QPSK	1	1	16.25	1:1	0.513	19.15	
3570.00	638000	Low	Right	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	16.30	1:1	0.508	19.24	
3624.99	641666	Mid	Right	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	104	16.27	1:1	0.495	19.32	
3679.98	645332	High	Right	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	104	16.24	1:1	0.456	19.65	
3570.00	638000	Low	Right	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	16.27	1:1	0.498	19.30	
3624.99	641666	Mid	Right	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	16.17	1:1	0.502	19.16	
3679.98	645332	High	Right	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	56	16.12	1:1	0.466	19.44	
3570.00	638000	Low	Right	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	100	0	16.15	1:1	0.491	19.24	
3570.00	638000	Low	Left	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	16.30	1:1	0.146	24.66	
3570.00	638000	Low	Left	Cheek	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	16.27	1:1	0.143	24.72	
3570.00	638000	Low	Left	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	16.30	1:1	0.175	23.87	
3570.00	638000	Low	Left	Tilt	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	16.27	1:1	0.178	23.77	
3624.99	641666	Mid	Right	Cheek	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	11.76	1:1	0.008	32.73	
3624.99	641666	Mid	Right	Tilt	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	11.76	1:1	0.003	36.99	
3624.99	641666	Mid	Left	Cheek	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	11.76	1:1	0.002	38.75	
3624.99	641666	Mid	Left	Tilt	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	11.76	1:1	0.000	51.76	
3570.00	638000	Low	Right	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	13.69	1:1	0.217	20.33	
3570.00	638000	Low	Right	Tilt	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	13.69	1:1	0.031	28.78	
3570.00	638000	Low	Left	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	13.69	1:1	0.249	19.73	
3570.00	638000	Low	Left	Tilt	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	13.69	1:1	0.040	27.67	
3624.99	641666	Mid	Right	Cheek	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	11.88	1:1	0.000	51.88	
3624.99	641666	Mid	Right	Tilt	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	11.88	1:1	0.000	51.88	
3624.99	641666	Mid	Left	Cheek	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	11.88	1:1	0.000	51.88	
3624.99	641666	Mid	Left	Tilt	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	11.88	1:1	0.000	51.88	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 15 of 61

**Table A-27**  
**DSI = 2  $P_{Limit}$  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)		
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	0.582	20.77	20.77
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.021	30.74	30.74
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.337	20.83	20.83
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.000	53.66	53.66
3750.00	650000	Low	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.703	20.27	20.10
3930.00	662000	High	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	137	18.53	1:1	0.573	20.95	
3750.00	650000	Low	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.608	20.87	
3930.00	662000	High	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	18.57	1:1	0.591	20.85	
3750.00	650000	Low	Right	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	270	0	18.57	1:1	0.635	20.54	
3750.00	650000	Low	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.732	20.10	
3930.00	662000	High	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	137	18.53	1:1	0.458	21.92	
3750.00	650000	Low	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.697	20.28	
3930.00	662000	High	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	18.57	1:1	0.462	21.92	
3750.00	650000	Low	Right	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	270	0	18.57	1:1	0.620	20.65	
3750.00	650000	Low	Right	Tilt	NR Band n77	G	100	CP-OFDM	QPSK	1	1	18.57	1:1	0.622	20.63	
3750.00	650000	Low	Left	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.224	25.24	
3750.00	650000	Low	Left	Cheek	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.235	25.00	
3750.00	650000	Low	Left	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.230	25.12	
3750.00	650000	Low	Left	Tilt	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.262	24.53	
3750.00	650000	Low	Right	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.004	38.12	
3750.00	650000	Low	Right	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.003	39.37	
3750.00	650000	Low	Left	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.000	54.14	
3750.00	650000	Low	Left	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.004	38.12	
3750.00	650000	Low	Right	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.124	25.32	22.36
3750.00	650000	Low	Right	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.017	33.95	
3750.00	650000	Low	Left	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.245	22.36	
3750.00	650000	Low	Left	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.039	30.34	
3750.00	650000	Low	Right	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.000	54.36	54.36
3750.00	650000	Low	Right	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.000	54.36	
3750.00	650000	Low	Left	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.000	54.36	
3750.00	650000	Low	Left	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.000	54.36	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 16 of 61



**Table A-28**  
**DSI = 0  $P_{Limit}$  Calculations – GSM Body-Worn SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
824.20	128	back	15 mm	GSM 850	GSM	A	31.87	1:8.3	0.212	29.41	29.41
1909.80	810	back	15 mm	GSM 1900	GSM	A	28.86	1:8.3	0.319	24.62	24.62

**Table A-29**  
**DSI = 0  $P_{Limit}$  Calculations – UMTS Body-Worn SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	4183	back	15 mm	UMTS 850	RMC	A	23.68	1:1	0.289	29.07	29.07
1712.40	1312	back	15 mm	UMTS 1750	RMC	A	22.68	1:1	0.437	26.28	25.29
1732.40	1412	back	15 mm	UMTS 1750	RMC	A	22.77	1:1	0.527	25.55	
1752.60	1513	back	15 mm	UMTS 1750	RMC	A	22.76	1:1	0.559	25.29	
1852.40	9262	back	15 mm	UMTS 1900	RMC	A	22.73	1:1	0.518	25.59	25.50
1880.00	9400	back	15 mm	UMTS 1900	RMC	A	22.74	1:1	0.530	25.50	
1907.60	9538	back	15 mm	UMTS 1900	RMC	A	22.65	1:1	0.519	25.50	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 17 of 61

**Table A-30**  
**DSI = 0  $P_{Limit}$  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)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
680.50	133297	Mid	back	15 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.145	32.94	32.81
680.50	133297	Mid	back	15 mm	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.116	32.81	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.184	31.86	31.86
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.140	32.12	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.250	30.94	30.52
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.201	30.52	
793.00	23330	Mid	back	15 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.222	31.12	31.11
793.00	23330	Mid	back	15 mm	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.175	31.11	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.267	30.00	29.79
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.227	29.79	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.39	1:1	0.292	29.74	29.30
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.328	29.30	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.254	29.40	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.24	1:1	0.453	26.68	26.02
1745.00	132322	Mid	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.541	26.02	
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	23.33	1:1	0.532	26.07	
1745.00	132322	Mid	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.419	26.17	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.130	28.81	28.63
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	20.00	1:1	0.137	28.63	
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	22.91	1:1	0.488	26.03	25.98
1882.50	26365	Mid	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.11	1:1	0.500	26.12	
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.511	26.19	
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.421	25.98	
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.65	1:1	0.066	29.45	29.12
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	17.63	1:1	0.071	29.12	
2310.00	27710	Mid	back	15 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.351	26.75	26.75
2310.00	27710	Mid	back	15 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.276	26.75	
2310.00	27710	Mid	back	15 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	0.072	31.31	31.31
2310.00	27710	Mid	back	15 mm	LTE Band 30	F	10	QPSK	25	12	19.81	1:1	0.070	31.36	
2535.00	21100	Mid	back	15 mm	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.312	27.90	27.80
2535.00	21100	Mid	back	15 mm	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.247	27.80	
2510.00	20850	Low	back	15 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.147	26.62	26.62
2510.00	20850	Low	back	15 mm	LTE Band 7	F	20	QPSK	50	25	18.26	1:1	0.146	26.62	
2593.00	40620	Mid	back	15 mm	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.231	28.45	28.45
2593.00	40620	Mid	back	15 mm	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.181	28.61	
2506.00	39750	Low	back	15 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.115	28.98	28.32
2506.00	39750	Low	back	15 mm	LTE Band 41	F	20	QPSK	50	0	21.63	1:1.58	0.126	28.64	
2506.00	39750	Low	back	15 mm	LTE Band 41	F	20	QPSK	50	50	21.48	1:1.58	0.131	28.32	
3560.00	55340	Low	back	15 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	0.108	28.07	28.07
3560.00	55340	Low	back	15 mm	LTE Band 48	G	20	QPSK	50	50	20.47	1:1.58	0.110	28.08	

FCC ID: A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 18 of 61

**Table A-31**  
**DSI = 0  $P_{Limit}$  Calculations – 5G Body-Worn SAR**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Serial Number	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
680.50	136100	Mid	back	15 mm	NR Band n71	A	0170M	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.141	32.54	32.54
680.50	136100	Mid	back	15 mm	NR Band n71	A	0170M	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.130	33.00	
680.50	136100	Mid	back	15 mm	NR Band n71	A	0170M	20	CP-OFDM	QPSK	1	1	22.48	1:1	0.098	32.57	
707.50	141500	Mid	back	15 mm	NR Band n12	A	0170M	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.167	31.78	31.78
707.50	141500	Mid	back	15 mm	NR Band n12	A	0170M	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.159	32.08	
707.50	141500	Mid	back	15 mm	NR Band n12	A	0170M	15	CP-OFDM	QPSK	1	1	22.61	1:1	0.118	31.89	
831.50	166300	Mid	back	15 mm	NR Band n26	A	0170M	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.260	29.98	29.41
831.50	166300	Mid	back	15 mm	NR Band n26	A	0170M	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.304	29.41	
831.50	166300	Mid	back	15 mm	NR Band n26	A	0170M	20	CP-OFDM	QPSK	1	1	22.68	1:1	0.190	29.89	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	0028M	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.696	25.57	25.57
1745.00	349000	Mid	back	15 mm	NR Band n66	A	0028M	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.689	25.76	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	0028M	40	CP-OFDM	QPSK	1	1	22.54	1:1	0.324	27.44	
1745.00	349000	Mid	back	15 mm	NR Band n66	F	1673M	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.108	29.62	28.89
1745.00	349000	Mid	back	15 mm	NR Band n66	F	1673M	40	DFT-S-OFDM	QPSK	108	54	20.01	1:1	0.112	29.52	
1745.00	349000	Mid	back	15 mm	NR Band n66	F	1673M	40	CP-OFDM	QPSK	1	1	19.82	1:1	0.124	28.89	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	0028M	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.721	24.86	24.63
1882.50	376500	Mid	back	15 mm	NR Band n25	A	0028M	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.710	25.12	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	0028M	40	DFT-S-OFDM	QPSK	216	0	22.64	1:1	0.633	24.63	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	0028M	40	CP-OFDM	QPSK	1	1	21.61	1:1	0.366	25.98	29.85
1882.50	376500	Mid	back	15 mm	NR Band n25	F	1623M	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	0.098	30.18	
1882.50	376500	Mid	back	15 mm	NR Band n25	F	1623M	40	DFT-S-OFDM	QPSK	108	54	20.22	1:1	0.109	29.85	
1882.50	376500	Mid	back	15 mm	NR Band n25	F	1623M	40	CP-OFDM	QPSK	1	1	19.98	1:1	0.103	29.85	26.87
2310.00	462000	Mid	back	15 mm	NR Band n30	A	0028M	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.297	27.64	
2310.00	462000	Mid	back	15 mm	NR Band n30	A	0028M	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.277	27.85	
2310.00	462000	Mid	back	15 mm	NR Band n30	A	0028M	10	CP-OFDM	QPSK	1	1	20.33	1:1	0.222	26.87	31.94
2310.00	462000	Mid	back	15 mm	NR Band n30	F	1673M	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	0.069	31.94	
2310.00	462000	Mid	back	15 mm	NR Band n30	F	1673M	10	DFT-S-OFDM	QPSK	25	14	20.37	1:1	0.068	32.05	
2310.00	462000	Mid	back	15 mm	NR Band n30	F	1673M	10	CP-OFDM	QPSK	1	1	20.40	1:1	0.070	31.95	26.49
2535.00	507000	Mid	back	15 mm	NR Band n7	B	0028M	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.486	26.56	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	0028M	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.493	26.55	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	0028M	40	CP-OFDM	QPSK	1	1	21.99	1:1	0.355	26.49	26.97
2535.00	507000	Mid	back	15 mm	NR Band n7	F	1673M	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.148	27.03	
2535.00	507000	Mid	back	15 mm	NR Band n7	F	1673M	40	DFT-S-OFDM	QPSK	108	0	18.88	1:1	0.154	27.01	
2535.00	507000	Mid	back	15 mm	NR Band n7	F	1673M	40	CP-OFDM	QPSK	1	1	18.82	1:1	0.153	26.97	

FCC ID: A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 19 of 61

**Table A-32**  
**DSI = 0  $P_{Limit}$  Calculations – 5G Body-Worn SAR**

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Path	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	15 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.113	28.80	27.49
2592.99	518598	Mid	back	15 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.25	1:1	0.112	28.76	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	19.01	1:1	0.142	27.49	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.066	28.82	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.124	28.10	27.38
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	19.02	1:1	0.126	28.02	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Path 2	100	CP-OFDM	QPSK	1	1	18.85	1:1	0.120	28.06	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.091	27.38	
2592.99	518598	Mid	back	15 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.029	30.38	30.38
2592.99	518598	Mid	back	15 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.012	33.09	
2592.99	518598	Mid	back	15 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.069	28.11	
2592.99	518598	Mid	back	15 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.056	28.72	
3570.00	638000	Low	back	15 mm	NR Band n48	G	N/A	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	0.115	27.59	27.55
3570.00	638000	Low	back	15 mm	NR Band n48	G	N/A	40	DFT-S-OFDM	QPSK	50	0	18.12	1:1	0.114	27.55	
3570.00	638000	Low	back	15 mm	NR Band n48	G	N/A	40	CP-OFDM	QPSK	1	1	18.11	1:1	0.113	27.58	
3624.99	641666	Mid	back	15 mm	NR Band n48	C	N/A	40	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.041	27.68	
3570.00	638000	Low	back	15 mm	NR Band n48	I	N/A	40	CW/SRS	N/A	N/A	N/A	15.73	1:1	0.108	25.40	25.40
3624.99	641666	Mid	back	15 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	13.90	1:1	0.056	26.42	26.42

Note: Light purple entries indicate the additional check on the worst case exposure scenario for the n41 pathway that is not fully evaluated.

**Table A-33**  
**DSI = 0  $P_{Limit}$  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)			
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	0.115	27.81	27.81
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	NA	NA	13.96	1:1	0.028	29.49	29.49
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	NA	NA	16.11	1:1	0.085	26.82	26.82
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	NA	NA	13.66	1:1	0.034	28.35	28.35
3750.00	650000	Low	back	15 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.110	28.33	27.96
3750.00	650000	Low	back	15 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.119	27.96	
3750.00	650000	Low	back	15 mm	NR Band n77	G	100	CP-OFDM	QPSK	1	1	18.57	1:1	0.113	28.04	
3750.00	650000	Low	back	15 mm	NR Band n77	C	100	CW/SRS	N/A	NA	NA	14.14	1:1	0.014	32.68	
3750.00	650000	Low	back	15 mm	NR Band n77	I	100	CW/SRS	N/A	NA	NA	16.25	1:1	0.094	26.52	26.52
3750.00	650000	Low	back	15 mm	NR Band n77	D	100	CW/SRS	N/A	NA	NA	14.36	1:1	0.049	27.46	27.46

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 20 of 61

**Table A-34**  
**DSI = 3  $P_{Limit}$  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	3	29.15	1:2.76	0.610	26.87	25.61
836.60	190	back	10 mm	GSM 850	GPRS	A	3	28.64	1:2.76	0.724	25.61	
848.80	251	back	10 mm	GSM 850	GPRS	A	3	28.97	1:2.76	0.703	26.07	
824.20	128	front	10 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.335	29.47	
824.20	128	bottom	10 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.192	31.89	
824.20	128	right	10 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.128	33.65	
824.20	128	left	10 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.246	30.81	
1880.00	661	back	10 mm	GSM 1900	GPRS	A	4	20.87	1:2.076	0.282	23.19	19.65
1880.00	661	front	10 mm	GSM 1900	GPRS	A	4	20.87	1:2.076	0.240	23.89	
1850.20	512	bottom	10 mm	GSM 1900	GPRS	A	4	20.60	1:2.076	0.483	20.58	
1880.00	661	bottom	10 mm	GSM 1900	GPRS	A	4	20.87	1:2.076	0.566	20.16	
1909.80	810	bottom	10 mm	GSM 1900	GPRS	A	4	20.77	1:2.076	0.622	19.65	
1880.00	661	right	10 mm	GSM 1900	GPRS	A	4	20.87	1:2.076	0.036	32.13	
1880.00	661	left	10 mm	GSM 1900	GPRS	A	4	20.87	1:2.076	0.027	33.38	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 21 of 61

**Table A-35**  
**DSI = 3  $P_{Limit}$  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	23.67	1:1	0.479	26.87	26.16
836.60	4183	back	10 mm	UMTS 850	RMC	A	23.68	1:1	0.535	26.40	
846.60	4233	back	10 mm	UMTS 850	RMC	A	23.55	1:1	0.548	26.16	
836.60	4183	front	10 mm	UMTS 850	RMC	A	23.68	1:1	0.360	28.12	
836.60	4183	bottom	10 mm	UMTS 850	RMC	A	23.68	1:1	0.180	31.13	
836.60	4183	right	10 mm	UMTS 850	RMC	A	23.68	1:1	0.064	35.62	
836.60	4183	left	10 mm	UMTS 850	RMC	A	23.68	1:1	0.201	30.65	
1732.40	1412	back	10 mm	UMTS 1750	RMC	A	18.51	1:1	0.393	22.57	19.37
1732.40	1412	front	10 mm	UMTS 1750	RMC	A	18.51	1:1	0.403	22.46	
1712.40	1312	bottom	10 mm	UMTS 1750	RMC	A	18.49	1:1	0.744	19.77	
1732.40	1412	bottom	10 mm	UMTS 1750	RMC	A	18.51	1:1	0.785	19.56	
1752.60	1513	bottom	10 mm	UMTS 1750	RMC	A	18.42	1:1	0.804	19.37	
1732.40	1412	right	10 mm	UMTS 1750	RMC	A	18.51	1:1	0.110	28.10	
1732.40	1412	left	10 mm	UMTS 1750	RMC	A	18.51	1:1	0.056	31.03	
1852.40	9262	back	10 mm	UMTS 1900	RMC	A	17.12	1:1	0.314	22.15	18.28
1852.40	9262	front	10 mm	UMTS 1900	RMC	A	17.12	1:1	0.205	24.00	
1852.40	9262	bottom	10 mm	UMTS 1900	RMC	A	17.12	1:1	0.686	18.76	
1880.00	9400	bottom	10 mm	UMTS 1900	RMC	A	17.08	1:1	0.750	18.33	
1907.60	9538	bottom	10 mm	UMTS 1900	RMC	A	17.10	1:1	0.762	18.28	
1852.40	9262	right	10 mm	UMTS 1900	RMC	A	17.12	1:1	0.046	30.49	
1852.40	9262	left	10 mm	UMTS 1900	RMC	A	17.12	1:1	0.044	30.69	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 22 of 61

**Table A-36**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 71 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)													
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.250	30.57	30.55
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.195	30.55	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.140	33.09	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.106	33.20	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.040	38.53	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.028	38.98	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.188	31.81	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.150	31.69	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.169	32.27	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	20	QPSK	50	0	23.45	1:1	0.120	32.66	

**Table A-37**  
**DSI = 3  $P_{Limit}$  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	25	24.51	1:1	0.274	30.13	30.13
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.218	30.20	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.178	32.01	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.136	32.24	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.058	36.88	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.048	36.77	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.204	31.41	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.146	31.94	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.255	30.44	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	25	25	23.58	1:1	0.185	30.91	

**Table A-38**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 13 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)													
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.494	27.98	27.57
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.396	27.57	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.281	30.43	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.223	30.07	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.183	32.30	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.136	32.21	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.093	35.24	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.084	34.31	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.185	32.25	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	25	12	23.55	1:1	0.151	31.76	

FCC ID: A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 23 of 61

**Table A-39**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 14 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 <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.	(W/kg)													
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.422	28.33	28.28
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.336	28.28	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.304	29.75	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.235	29.83	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.151	32.79	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.127	32.50	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.140	33.12	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.120	32.75	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.203	31.51	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	10	QPSK	25	25	23.54	1:1	0.161	31.47	

**Table A-40**  
**DSI = 3  $P_{Limit}$  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 <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.	(W/kg)													
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.554	26.83	26.68
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.465	26.68	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.338	28.98	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.289	28.74	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.183	31.65	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.150	31.59	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.071	35.77	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.056	35.85	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.184	31.62	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.35	1:1	0.158	31.36	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 24 of 61



**Table A-41**  
**DSI = 3  $P_{Limit}$  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 <sub>limit</sub>	Overall P <sub>limit</sub>	
MHz	Ch.											(W/kg)			
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.39	1:1	0.603	26.59	26.59
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.606	26.64	
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.472	26.71	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.392	28.53	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.302	28.65	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.189	31.70	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.149	31.72	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.073	35.81	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.051	36.37	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.216	31.12	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.45	1:1	0.168	31.20	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 25 of 61

**Table A-42**  
**DSI = 3  $P_{Limit}$  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)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	19.55	1:1	0.412	23.40	19.96
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.53	1:1	0.423	23.27	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	19.55	1:1	0.399	23.54	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.53	1:1	0.403	23.48	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.37	1:1	0.847	20.09	
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.49	1:1	0.842	20.24	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	19.55	1:1	0.843	20.29	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	19.47	1:1	0.855	20.15	
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.46	1:1	0.842	20.21	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	19.51	1:1	0.849	20.22	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.53	1:1	0.906	19.96	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	19.52	1:1	0.828	20.34	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	19.55	1:1	0.118	28.83	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.53	1:1	0.120	28.74	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	19.55	1:1	0.078	30.63	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.53	1:1	0.074	30.84	
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.258	25.83	22.01
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	20.00	1:1	0.276	25.59	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.214	26.65	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	20.00	1:1	0.211	26.76	
1720.00	132072	Low	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.587	22.26	
1720.00	132072	Low	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.93	1:1	0.619	22.01	
1745.00	132322	Mid	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.94	1:1	0.563	22.43	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.92	1:1	0.553	22.49	
1720.00	132072	Low	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	20.00	1:1	0.592	22.28	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.073	31.32	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	20.00	1:1	0.079	31.02	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 26 of 61

**Table A-43**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 25 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)			
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	17.44	1:1	0.270	23.13	18.61
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	17.28	1:1	0.269	22.98	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	17.44	1:1	0.208	24.26	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	17.28	1:1	0.222	23.82	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	17.44	1:1	0.579	19.81	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	17.28	1:1	0.603	19.48	
1882.50	26365	Mid	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	0	17.22	1:1	0.647	19.11	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	17.27	1:1	0.735	18.61	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	17.23	1:1	0.726	18.62	
1860.00	26140	Low	right	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	17.44	1:1	0.019	34.65	
1860.00	26140	Low	right	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	17.28	1:1	0.019	34.49	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	17.44	1:1	0.025	33.46	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	17.28	1:1	0.026	33.13	
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.65	1:1	0.113	27.12	22.20
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	17.63	1:1	0.119	26.87	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.65	1:1	0.089	28.16	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	17.63	1:1	0.092	27.99	
1905.00	26590	High	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.65	1:1	0.348	22.23	
1905.00	26590	High	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	17.63	1:1	0.349	22.20	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.65	1:1	0.044	31.22	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	17.63	1:1	0.045	31.10	

<b>FCI ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 27 of 61

**Table A-44**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 30 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)			
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	1	0	19.93	1:1	0.381	24.12	20.37
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	25	25	19.84	1:1	0.386	23.97	
2310.00	27710	Mid	front	10 mm	LTE Band 30	A	10	QPSK	1	0	19.93	1:1	0.335	24.68	
2310.00	27710	Mid	front	10 mm	LTE Band 30	A	10	QPSK	25	25	19.84	1:1	0.339	24.54	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	1	0	19.93	1:1	0.859	20.59	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	25	25	19.84	1:1	0.867	20.46	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	50	0	19.75	1:1	0.867	20.37	
2310.00	27710	Mid	right	10 mm	LTE Band 30	A	10	QPSK	1	0	19.93	1:1	0.093	30.25	
2310.00	27710	Mid	right	10 mm	LTE Band 30	A	10	QPSK	25	25	19.84	1:1	0.090	30.30	
2310.00	27710	Mid	left	10 mm	LTE Band 30	A	10	QPSK	1	0	19.93	1:1	0.045	33.40	
2310.00	27710	Mid	left	10 mm	LTE Band 30	A	10	QPSK	25	25	19.84	1:1	0.044	33.41	
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	0.152	28.06	
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	25	12	19.81	1:1	0.144	28.23	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	0.108	29.55	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	25	12	19.81	1:1	0.105	29.60	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	0.305	25.04	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	25	12	19.81	1:1	0.292	25.16	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	0.063	31.89	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	25	12	19.81	1:1	0.057	32.25	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 28 of 61

**Table A-45**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 7 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 <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.	(W/kg)													
2560.00	21350	High	back	10 mm	LTE Band 7	B	20	QPSK	1	99	19.62	1:1	0.217	26.26	23.23
2560.00	21350	High	back	10 mm	LTE Band 7	B	20	QPSK	50	25	19.61	1:1	0.213	26.33	
2560.00	21350	High	front	10 mm	LTE Band 7	B	20	QPSK	1	99	19.62	1:1	0.239	25.84	
2560.00	21350	High	front	10 mm	LTE Band 7	B	20	QPSK	50	25	19.61	1:1	0.236	25.88	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	20	QPSK	1	99	19.62	1:1	0.436	23.23	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	20	QPSK	50	25	19.61	1:1	0.417	23.41	
2560.00	21350	High	right	10 mm	LTE Band 7	B	20	QPSK	1	99	19.62	1:1	0.195	26.72	
2560.00	21350	High	right	10 mm	LTE Band 7	B	20	QPSK	50	25	19.61	1:1	0.196	26.69	
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.273	23.93	21.53
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	50	25	18.26	1:1	0.273	23.90	
2510.00	20850	Low	front	10 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.122	27.43	
2510.00	20850	Low	front	10 mm	LTE Band 7	F	20	QPSK	50	25	18.26	1:1	0.124	27.33	
2510.00	20850	Low	top	10 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.462	21.64	
2510.00	20850	Low	top	10 mm	LTE Band 7	F	20	QPSK	50	25	18.26	1:1	0.471	21.53	
2535.00	21100	Mid	top	10 mm	LTE Band 7	F	20	QPSK	50	25	18.15	1:1	0.433	21.79	
2560.00	21350	High	top	10 mm	LTE Band 7	F	20	QPSK	50	25	18.08	1:1	0.385	22.23	
2510.00	20850	Low	left	10 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.030	33.52	
2510.00	20850	Low	left	10 mm	LTE Band 7	F	20	QPSK	50	25	18.26	1:1	0.033	33.07	

**Table A-46**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 41 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 <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.	(W/kg)													
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	1	0	22.26	1:1.58	0.316	25.28	23.43
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	50	25	22.26	1:1.58	0.317	25.27	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	1	0	22.26	1:1.58	0.253	26.24	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	50	25	22.26	1:1.58	0.249	26.31	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	1	0	22.26	1:1.58	0.484	23.43	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	22.26	1:1.58	0.482	23.45	
2593.00	40620	Mid	right	10 mm	LTE Band 41	B	20	QPSK	1	0	22.26	1:1.58	0.212	27.01	
2593.00	40620	Mid	right	10 mm	LTE Band 41	B	20	QPSK	50	25	22.26	1:1.58	0.215	26.95	
2506.00	39750	Low	back	10 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.255	25.52	22.83
2506.00	39750	Low	back	10 mm	LTE Band 41	F	20	QPSK	50	0	21.63	1:1.58	0.267	25.38	
2506.00	39750	Low	front	10 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.229	25.99	
2506.00	39750	Low	front	10 mm	LTE Band 41	F	20	QPSK	50	0	21.63	1:1.58	0.235	25.94	
2506.00	39750	Low	top	10 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.425	23.30	
2506.00	39750	Low	top	10 mm	LTE Band 41	F	20	QPSK	50	0	21.63	1:1.58	0.480	22.83	
2506.00	39750	Low	top	10 mm	LTE Band 41	F	20	QPSK	50	50	21.48	1:1.58	0.430	23.16	
2506.00	39750	Low	left	10 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.035	34.15	
2506.00	39750	Low	left	10 mm	LTE Band 41	F	20	QPSK	50	0	21.63	1:1.58	0.028	35.17	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 29 of 61

**Table A-47**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 48 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)													
3560.00	55340	Low	back	10 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	0.237	24.66	24.22
3560.00	55340	Low	back	10 mm	LTE Band 48	G	20	QPSK	50	50	20.47	1:1.58	0.235	24.78	
3560.00	55340	Low	front	10 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	0.142	26.88	
3560.00	55340	Low	front	10 mm	LTE Band 48	G	20	QPSK	50	50	20.47	1:1.58	0.148	26.79	
3560.00	55340	Low	top	10 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	0.262	24.22	
3560.00	55340	Low	top	10 mm	LTE Band 48	G	20	QPSK	50	50	20.47	1:1.58	0.262	24.31	
3560.00	55340	Low	left	10 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	0.199	25.42	
3560.00	55340	Low	left	10 mm	LTE Band 48	G	20	QPSK	50	50	20.47	1:1.58	0.207	25.33	

**Table A-48**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n71 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)														
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.202	30.98	30.64
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.224	30.64	
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	CP-OFDM	QPSK	1	1	22.48	1:1	0.147	30.81	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.161	31.96	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.163	32.02	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.037	38.35	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.041	38.01	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.173	31.65	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.197	31.20	
680.50	136100	Mid	left	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.166	31.83	
680.50	136100	Mid	left	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.14	1:1	0.186	31.45	

**Table A-49**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n12 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)														
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.251	30.01	30.01
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.252	30.08	
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	CP-OFDM	QPSK	1	1	22.61	1:1	0.181	30.03	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.135	32.71	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.172	31.74	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.053	36.77	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.070	35.64	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.180	31.46	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.168	31.84	
707.50	141500	Mid	left	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.158	32.02	
707.50	141500	Mid	left	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.09	1:1	0.203	31.02	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 30 of 61

**Table A-50**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n26 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)															
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.624	26.18	25.85	
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.691	25.85		
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	100	0	23.25	1:1	0.483	26.41		
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	CP-OFDM	QPSK	1	1	22.68	1:1	0.371	26.99		
831.50	166300	Mid	front	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.320	29.08		
831.50	166300	Mid	front	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.381	28.43		
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.193	31.27		
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.230	30.62		
831.50	166300	Mid	right	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.096	34.31		
831.50	166300	Mid	right	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.096	34.42		
831.50	166300	Mid	left	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.253	30.10		
831.50	166300	Mid	left	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.24	1:1	0.276	29.83		

**Table A-51**  
**DSI = 3  $P_{Limit}$  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)															
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.475	23.26	20.00	
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	0.504	23.14		
1745.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.431	23.69		
1745.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	0.453	23.60		
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.946	20.27		
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	1.020	20.07		
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	216	0	20.01	1:1	0.986	20.07		
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	20.00	1:1	1.000	20.00		
1745.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.121	29.20		
1745.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	0.122	29.30		
1745.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.068	31.71		
1745.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	0.074	31.47		
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.192	27.12		22.66
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.01	1:1	0.199	27.02		
1745.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.179	27.42		
1745.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.01	1:1	0.184	27.36		
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.493	23.02		
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.01	1:1	0.512	22.92		
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	19.82	1:1	0.520	22.66		
1745.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.080	30.92		
1745.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.01	1:1	0.084	30.77		

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 31 of 61

**Table A-52**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n25 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)														
1882.50	376500	Mid	back	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	17.43	1:1	0.354	21.94	18.56
1882.50	376500	Mid	back	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	17.53	1:1	0.359	21.98	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	17.43	1:1	0.243	23.57	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	17.53	1:1	0.250	23.55	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	17.43	1:1	0.745	18.71	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	17.53	1:1	0.767	18.68	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	216	0	17.42	1:1	0.770	18.56	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	17.34	1:1	0.749	18.60	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	17.43	1:1	0.026	33.28	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	17.53	1:1	0.027	33.22	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	17.43	1:1	0.038	31.63	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	17.53	1:1	0.038	31.73	
1882.50	376500	Mid	back	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	0.184	27.44	
1882.50	376500	Mid	back	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	20.22	1:1	0.196	27.30	
1882.50	376500	Mid	front	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	0.164	27.94	
1882.50	376500	Mid	front	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	20.22	1:1	0.180	27.67	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	0.542	22.75	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	20.22	1:1	0.567	22.68	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	19.98	1:1	0.573	22.40	
1882.50	376500	Mid	left	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	0.080	31.06	
1882.50	376500	Mid	left	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	20.22	1:1	0.083	31.03	

**Table A-53**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n30 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)														
2310.00	462000	Mid	back	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	19.82	1:1	0.373	24.10	19.79
2310.00	462000	Mid	back	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	19.90	1:1	0.373	24.18	
2310.00	462000	Mid	front	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	19.82	1:1	0.374	24.09	
2310.00	462000	Mid	front	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	19.90	1:1	0.389	24.00	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	19.82	1:1	0.937	20.10	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	19.90	1:1	0.990	19.94	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	50	0	19.81	1:1	0.977	19.91	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	19.83	1:1	1.010	19.79	
2310.00	462000	Mid	right	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	19.82	1:1	0.095	30.04	
2310.00	462000	Mid	right	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	19.90	1:1	0.098	29.99	
2310.00	462000	Mid	left	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	19.82	1:1	0.052	32.66	
2310.00	462000	Mid	left	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	19.90	1:1	0.054	32.58	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	0.168	28.08	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	20.37	1:1	0.165	28.20	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	0.078	31.41	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	20.37	1:1	0.082	31.23	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	0.242	26.49	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	20.37	1:1	0.239	26.59	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	20.40	1:1	0.249	26.44	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	0.043	34.00	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	20.37	1:1	0.042	34.14	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 32 of 61



**Table A-54**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n7 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)														
2535.00	507000	Mid	back	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.451	23.49	21.01
2535.00	507000	Mid	back	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.12	1:1	0.448	23.61	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.352	24.57	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.12	1:1	0.359	24.57	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.798	21.01	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.12	1:1	0.796	21.11	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	20.01	1:1	0.789	21.04	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	20.13	1:1	0.774	21.24	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	0.201	27.00	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.12	1:1	0.190	27.33	
2535.00	507000	Mid	back	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.338	23.44	21.42
2535.00	507000	Mid	back	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	18.88	1:1	0.344	23.51	
2535.00	507000	Mid	front	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.205	25.61	
2535.00	507000	Mid	front	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	18.88	1:1	0.208	25.70	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.504	21.71	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	18.88	1:1	0.527	21.66	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	CP-OFDM	QPSK	1	1	18.82	1:1	0.550	21.42	
2535.00	507000	Mid	left	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.057	31.17	
2535.00	507000	Mid	left	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	18.88	1:1	0.063	30.89	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 33 of 61

**Table A-55**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n41 Hotspot SAR**

MEASUREMENT RESULTS																		
FREQUENCY		Side	Spacing	Mode	Antenna Config	Path	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Reported SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)	(W/kg)			
2592.99	518598	Mid	back	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.201	0.235	26.30	21.78
2592.99	518598	Mid	back	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.25	1:1	0.198	0.235	26.28	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.134	0.156	28.06	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.25	1:1	0.135	0.161	27.95	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.509	0.594	22.26	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.25	1:1	0.498	0.592	22.28	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	19.01	1:1	0.528	0.663	21.78	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.298	0.374	22.27	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.036	0.042	33.77	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.25	1:1	0.038	0.045	33.45	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.220	0.275	25.61	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	19.02	1:1	0.225	0.282	25.50	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.210	0.263	25.81	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	19.02	1:1	0.209	0.262	25.82	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.413	0.516	22.87	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	19.02	1:1	0.403	0.505	22.97	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 2	100	CP-OFDM	QPSK	1	1	18.85	1:1	0.353	0.460	23.37	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.300	0.380	22.20	
2592.99	518598	Mid	right	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.145	0.181	27.42	
2592.99	518598	Mid	right	10 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	135	69	19.02	1:1	0.148	0.185	27.32	
2592.99	518598	Mid	back	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.056	0.071	27.52	
2592.99	518598	Mid	front	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.083	0.104	25.81	
2592.99	518598	Mid	front	10 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.033	0.043	28.70	
2592.99	518598	Mid	top	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.067	0.084	26.74	
2592.99	518598	Mid	right	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.046	0.058	28.37	
2592.99	518598	Mid	back	10 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.169	0.213	24.22	
2592.99	518598	Mid	back	10 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.148	0.178	24.50	
2592.99	518598	Mid	front	10 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.018	0.023	33.95	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.036	0.045	30.94	
2592.99	518598	Mid	left	10 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.013	0.016	35.36	
																	22.20	
																	25.81	
																	24.22	

Note: Light purple entries indicate the additional check on the worst case exposure scenario for the n41 pathway that is not fully evaluated.

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 34 of 61

**Table A-56**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n48 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) [W/kg]	Plimit	Overall Plimit
MHz	Ch.															
3570.00	638000	Low	back	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	0.315	23.22	23.22
3570.00	638000	Low	back	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	18.12	1:1	0.304	23.29	
3570.00	638000	Low	back	10 mm	NR Band n48	G	40	CP-OFDM	QPSK	1	1	18.11	1:1	0.305	23.27	
3570.00	638000	Low	front	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	0.131	27.03	
3570.00	638000	Low	front	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	18.12	1:1	0.132	26.91	
3570.00	638000	Low	top	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	0.250	24.22	
3570.00	638000	Low	top	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	18.12	1:1	0.247	24.19	
3570.00	638000	Low	left	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	0.245	24.31	
3570.00	638000	Low	left	10 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	50	0	18.12	1:1	0.235	24.41	
3624.99	641666	Mid	back	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.082	24.67	23.56
3624.99	641666	Mid	front	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.033	28.63	
3624.99	641666	Mid	bottom	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.016	31.77	
3624.99	641666	Mid	right	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.106	23.56	
3570.00	638000	Low	back	10 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.73	1:1	0.204	22.63	22.63
3570.00	638000	Low	front	10 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.73	1:1	0.064	27.67	
3570.00	638000	Low	left	10 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.73	1:1	0.076	26.92	
3624.99	641666	Mid	back	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.90	1:1	0.150	22.14	22.14
3624.99	641666	Mid	front	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.90	1:1	0.008	34.87	
3624.99	641666	Mid	bottom	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.90	1:1	0.031	28.99	
3624.99	641666	Mid	left	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.90	1:1	0.010	33.90	

**Table A-57**  
**DSI = 3  $P_{Limit}$  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) [W/kg]	Plimit	Overall Plimit
MHz	Ch.															
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	0.312	23.48	23.48
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.141	22.47	22.47
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.139	24.68	24.68
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.083	24.47	24.47
3750.00	650000	Low	back	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.250	24.76	23.91
3750.00	650000	Low	back	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.236	24.98	
3750.00	650000	Low	front	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.143	27.19	
3750.00	650000	Low	front	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.120	27.92	
3750.00	650000	Low	top	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.264	24.52	
3750.00	650000	Low	top	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.302	23.91	
3750.00	650000	Low	top	10 mm	NR Band n77	G	100	CP-OFDM	QPSK	1	1	18.57	1:1	0.241	24.75	
3750.00	650000	Low	left	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.250	24.76	
3750.00	650000	Low	left	10 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.223	25.23	
3750.00	650000	Low	back	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.032	29.09	27.91
3750.00	650000	Low	front	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.012	33.35	
3750.00	650000	Low	bottom	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.003	39.37	
3750.00	650000	Low	right	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.042	27.91	23.75
3750.00	650000	Low	back	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.178	23.75	
3750.00	650000	Low	front	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.044	29.82	
3750.00	650000	Low	left	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.046	29.62	24.63
3750.00	650000	Low	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.094	24.63	
3750.00	650000	Low	front	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.000	54.36	
3750.00	650000	Low	bottom	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.020	31.35	
3750.00	650000	Low	left	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.009	34.82	

FCC ID: A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 35 of 61

**Table A-58**  
**DSI = 0  $P_{Limit}$  Calculations – GPRS Phablet SAR**

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
824.20	128	back	8 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.604	30.89	28.49
824.20	128	front	6 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.369	33.03	
824.20	128	bottom	12 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.214	35.40	
824.20	128	right	0 mm	GSM 850	GPRS	A	3	29.15	1:2.76	1.050	28.49	
824.20	128	left	0 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.305	33.86	
1909.80	810	back	8 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.497	28.99	27.52
1909.80	810	front	6 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.637	27.91	
1909.80	810	bottom	12 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.696	27.52	
1909.80	810	right	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.237	32.20	
1909.80	810	left	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.175	33.52	

**Table A-59**  
**DSI = 0  $P_{Limit}$  Calculations – UMTS Phablet SAR**

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.								(W/kg)			
836.60	4183	back	8 mm	UMTS 850	RMC	A	23.68	1:1	0.507	30.61	29.52	
836.60	4183	front	6 mm	UMTS 850	RMC	A	23.68	1:1	0.325	32.54		
836.60	4183	bottom	12 mm	UMTS 850	RMC	A	23.68	1:1	0.235	33.95		
836.60	4183	right	0 mm	UMTS 850	RMC	A	23.68	1:1	0.651	29.52		
836.60	4183	left	0 mm	UMTS 850	RMC	A	23.68	1:1	0.209	34.46		
1732.40	1412	back	8 mm	UMTS 1750	RMC	A	22.77	1:1	0.768	27.90	26.85	
1732.40	1412	front	6 mm	UMTS 1750	RMC	A	22.77	1:1	0.974	26.86		
1732.40	1412	bottom	12 mm	UMTS 1750	RMC	A	22.77	1:1	0.977	26.85		
1732.40	1412	right	0 mm	UMTS 1750	RMC	A	22.77	1:1	0.600	28.97		
1732.40	1412	left	0 mm	UMTS 1750	RMC	A	22.77	1:1	0.279	32.29		
1880.00	9400	back	8 mm	UMTS 1900	RMC	A	22.74	1:1	0.851	27.42	26.23	
1880.00	9400	front	6 mm	UMTS 1900	RMC	A	22.74	1:1	1.040	26.55		
1880.00	9400	bottom	12 mm	UMTS 1900	RMC	A	22.74	1:1	1.120	26.23		
1880.00	9400	right	0 mm	UMTS 1900	RMC	A	22.74	1:1	0.441	30.28		
1880.00	9400	left	0 mm	UMTS 1900	RMC	A	22.74	1:1	0.323	31.63		

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 36 of 61

**Table A-60**  
**DSI = 0  $P_{Limit}$  Calculations – LTE Band 71 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
680.50	133297	Mid	back	8 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.276	34.12	27.85
680.50	133297	Mid	front	6 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.167	36.30	
680.50	133297	Mid	bottom	12 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.073	39.90	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	1.170	27.85	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.112	38.04	

**Table A-61**  
**DSI = 0  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
707.50	23095	Mid	back	8 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.344	33.12	29.00
707.50	23095	Mid	front	6 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.191	35.68	
707.50	23095	Mid	bottom	12 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.106	38.24	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.889	29.00	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.203	35.41	

**Table A-62**  
**DSI = 0  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
782.00	23230	Mid	back	8 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.480	32.09	29.40
782.00	23230	Mid	front	6 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.291	34.26	
782.00	23230	Mid	bottom	12 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.177	36.42	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.891	29.40	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.240	35.10	

**Table A-63**  
**DSI = 0  $P_{Limit}$  Calculations – LTE Band 14 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
793.00	23330	Mid	back	8 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.438	32.14	28.27
793.00	23330	Mid	front	6 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.283	34.04	
793.00	23330	Mid	bottom	12 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.191	35.75	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	1.070	28.27	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.268	34.44	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 37 of 61

**Table A-64**  
**DSI = 0  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
831.50	26865	Mid	back	8 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.555	30.81	29.12
831.50	26865	Mid	front	6 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.351	32.80	
831.50	26865	Mid	bottom	12 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.264	34.03	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.818	29.12	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.262	34.07	

**Table A-65**  
**DSI = 0  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
836.50	20525	Mid	back	8 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.554	31.00	29.61
836.50	20525	Mid	front	6 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.352	32.97	
836.50	20525	Mid	bottom	12 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.264	34.22	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.763	29.61	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.254	34.39	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 38 of 61

**Table A-66**  
**DSI = 0  $P_{Limit}$  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)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1745.00	132322	Mid	back	8 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.828	28.15	27.40
1745.00	132322	Mid	back	8 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.646	28.27	
1745.00	132322	Mid	front	6 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.984	27.40	
1745.00	132322	Mid	front	6 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.780	27.45	
1745.00	132322	Mid	bottom	12 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.898	27.80	
1745.00	132322	Mid	bottom	12 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.711	27.85	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.647	29.22	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.504	29.35	
1745.00	132322	Mid	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.351	31.88	
1745.00	132322	Mid	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.277	31.94	
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	1.080	23.60	20.50
1720.00	132072	Low	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.822	24.28	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	2.000	20.92	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.94	1:1	2.080	20.74	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.92	1:1	2.160	20.55	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	20.00	1:1	2.010	20.95	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.84	1:1	2.070	20.66	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	19.81	1:1	2.100	20.57	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.84	1:1	2.150	20.50	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	100	0	19.84	1:1	2.010	20.79	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.199	30.94	

<b>FCI ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 39 of 61

**Table A-67**  
**DSI = 0  $P_{Limit}$  Calculations – LTE Band 25 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1905.00	26590	High	back	8 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.804	28.20	26.57
1905.00	26590	High	back	8 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.662	27.99	
1905.00	26590	High	front	6 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.951	27.47	
1905.00	26590	High	front	6 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.773	27.32	
1905.00	26590	High	bottom	12 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	1.120	26.76	
1905.00	26590	High	bottom	12 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.919	26.57	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.288	32.66	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.228	32.62	
1905.00	26590	High	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.305	32.41	
1905.00	26590	High	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.249	32.24	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	99	20.12	1:1	1.270	23.06	21.69
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	99	20.12	1:1	1.040	23.93	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.65	1:1	0.986	21.69	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	17.63	1:1	0.963	21.77	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	99	20.12	1:1	0.299	29.34	

**Table A-68**  
**DSI = 0  $P_{Limit}$  Calculations – LTE Band 30 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2310.00	27710	Mid	back	8 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.562	28.68	27.74
2310.00	27710	Mid	back	8 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.466	28.46	
2310.00	27710	Mid	front	6 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.647	28.07	
2310.00	27710	Mid	front	6 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.499	28.16	
2310.00	27710	Mid	bottom	12 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.698	27.74	
2310.00	27710	Mid	bottom	12 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.538	27.83	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.641	28.11	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.483	28.30	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.208	33.00	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.158	33.15	
2310.00	27710	Mid	back	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	1.720	21.50	20.06
2310.00	27710	Mid	front	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	1.210	23.03	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	2.400	20.06	
2310.00	27710	Mid	left	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	0.196	30.94	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 40 of 61



**Table A-69**  
**DSI = 0  $P_{Limit}$  Calculations – LTE Band 7 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 <sub>limit</sub>	Overall P <sub>limit</sub>	
MHz	Ch.											(W/kg)			
2535.00	21100	Mid	back	8 mm	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.350	31.38	26.08
2535.00	21100	Mid	back	8 mm	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.280	31.24	
2535.00	21100	Mid	front	6 mm	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.526	29.61	
2535.00	21100	Mid	front	6 mm	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.412	29.56	
2535.00	21100	Mid	bottom	12 mm	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	0.524	29.63	
2535.00	21100	Mid	bottom	12 mm	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.425	29.43	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	1.180	26.10	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.918	26.08	
2510.00	20850	Low	back	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	1.140	21.70	18.85
2510.00	20850	Low	front	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.723	23.68	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	2.160	18.92	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	1	0	18.19	1:1	2.070	19.01	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	1	99	18.10	1:1	1.870	19.36	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	50	25	18.26	1:1	2.180	18.85	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	50	25	18.15	1:1	2.020	19.08	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	50	25	18.08	1:1	1.960	19.14	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	100	0	18.25	1:1	2.130	18.95	
2510.00	20850	Low	left	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.169	29.99	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 41 of 61

**Table A-70**  
**DSI = 0  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
2593.00	40620	Mid	back	8 mm	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.331	30.87	22.95
2593.00	40620	Mid	back	8 mm	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.258	31.05	
2593.00	40620	Mid	front	6 mm	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.353	30.59	
2593.00	40620	Mid	front	6 mm	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.247	31.24	
2593.00	40620	Mid	bottom	12 mm	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	0.286	31.50	
2593.00	40620	Mid	bottom	12 mm	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	0.236	31.44	
2506.00	39750	Low	right	0 mm	LTE Band 41	B	20	QPSK	1	50	24.03	1:1.58	1.040	25.86	
2549.50	40185	Low-Mid	right	0 mm	LTE Band 41	B	20	QPSK	1	50	23.97	1:1.58	0.931	26.28	
2593.00	40620	Mid	right	0 mm	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	1.380	24.67	
2636.50	41055	Mid-High	right	0 mm	LTE Band 41	B	20	QPSK	1	0	23.85	1:1.58	1.950	22.95	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	1	0	23.85	1:1.58	1.750	23.42	
2593.00	40620	Mid	right	0 mm	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	1.160	24.52	
2593.00	40620	Mid	right	0 mm	LTE Band 41	B	20	QPSK	100	0	23.08	1:1.58	1.170	24.39	
2506.00	39750	Low	back	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	1.530	21.72	20.26
2506.00	39750	Low	front	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.968	23.71	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	2.070	20.41	
2549.50	40185	Low-Mid	top	0 mm	LTE Band 41	F	20	QPSK	1	99	21.37	1:1.58	1.780	20.86	
2593.00	40620	Mid	top	0 mm	LTE Band 41	F	20	QPSK	1	0	21.25	1:1.58	1.980	20.28	
2636.50	41055	Mid-High	top	0 mm	LTE Band 41	F	20	QPSK	1	99	21.26	1:1.58	1.910	20.45	
2680.00	41490	High	top	0 mm	LTE Band 41	F	20	QPSK	1	50	21.36	1:1.58	1.810	20.78	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	50	0	21.63	1:1.58	2.170	20.26	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	50	50	21.48	1:1.58	2.090	20.27	
2549.50	40185	Low-Mid	top	0 mm	LTE Band 41	F	20	QPSK	50	25	21.35	1:1.58	1.730	20.97	
2593.00	40620	Mid	top	0 mm	LTE Band 41	F	20	QPSK	50	0	21.23	1:1.58	1.960	20.30	
2636.50	41055	Mid-High	top	0 mm	LTE Band 41	F	20	QPSK	50	50	21.23	1:1.58	1.920	20.39	
2680.00	41490	High	top	0 mm	LTE Band 41	F	20	QPSK	50	0	21.34	1:1.58	1.820	20.73	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	100	0	21.53	1:1.58	2.120	20.26	
2506.00	39750	Low	left	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.212	30.30	

**Table A-71**  
**DSI = 0  $P_{Limit}$  Calculations – LTE Band 48 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
3560.00	55340	Low	back	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	1.880	19.64	18.44
3560.00	55340	Low	front	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	1.100	21.97	
3560.00	55340	Low	top	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	0.493	25.46	
3560.00	55340	Low	left	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	2.480	18.44	

FCC ID: A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>		Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 42 of 61	

**Table A-72**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n71 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)														
680.50	136100	Mid	back	8 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.296	33.30	27.29
680.50	136100	Mid	front	6 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.187	35.29	
680.50	136100	Mid	bottom	12 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.083	38.82	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	1.180	27.29	
680.50	136100	Mid	left	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.114	37.44	

**Table A-73**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n12 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)														
707.50	141500	Mid	back	8 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.354	32.50	28.57
707.50	141500	Mid	front	6 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.197	35.05	
707.50	141500	Mid	bottom	12 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.133	36.75	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.874	28.57	
707.50	141500	Mid	left	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.211	34.75	

**Table A-74**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n26 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)														
831.50	166300	Mid	back	8 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.576	30.51	28.96
831.50	166300	Mid	front	6 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.372	32.40	
831.50	166300	Mid	bottom	12 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.277	33.69	
831.50	166300	Mid	right	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.823	28.96	
831.50	166300	Mid	left	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.265	33.88	

**Table A-75**  
**DSI = 0  $P_{Limit}$  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	8 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	1.040	27.81	27.36
1745.00	349000	Mid	back	8 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	1.090	27.75	
1745.00	349000	Mid	front	6 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	1.150	27.37	
1745.00	349000	Mid	front	6 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	1.190	27.36	
1745.00	349000	Mid	bottom	12 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	1.040	27.81	
1745.00	349000	Mid	bottom	12 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.951	28.34	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.726	29.37	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.753	29.35	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.394	32.02	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.390	32.21	
1745.00	349000	Mid	back	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	1.070	23.64	
1745.00	349000	Mid	front	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.824	24.77	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	1.970	20.99	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.01	1:1	2.040	20.89	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	216	0	19.94	1:1	2.020	20.87	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	19.82	1:1	1.960	20.88	
1745.00	349000	Mid	left	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.221	30.49	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 43 of 61

**Table A-76**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n25 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)														
1882.50	376500	Mid	back	8 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.855	28.10	26.54
1882.50	376500	Mid	back	8 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	1.070	27.32	
1882.50	376500	Mid	front	6 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.951	27.64	
1882.50	376500	Mid	front	6 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.985	27.68	
1882.50	376500	Mid	bottom	12 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	1.220	26.56	
1882.50	376500	Mid	bottom	12 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	1.280	26.54	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.325	32.30	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.351	32.16	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.326	32.29	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.335	32.36	
1882.50	376500	Mid	back	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	1.280	23.00	21.10
1882.50	376500	Mid	front	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	1.030	23.94	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	1.840	21.42	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	20.22	1:1	1.850	21.53	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	20.08	1:1	1.880	21.32	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	19.98	1:1	1.930	21.10	
1882.50	376500	Mid	left	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	0.310	29.16	

**Table A-77**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n30 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)														
2310.00	462000	Mid	back	8 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.366	30.72	28.87
2310.00	462000	Mid	back	8 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.358	30.71	
2310.00	462000	Mid	front	6 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.462	29.70	
2310.00	462000	Mid	front	6 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.439	29.83	
2310.00	462000	Mid	bottom	12 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.520	29.19	
2310.00	462000	Mid	bottom	12 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.512	29.16	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.557	28.89	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.547	28.87	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.180	33.80	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.170	33.95	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	1.740	21.90	20.49
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	1.220	23.45	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	2.410	20.49	
2310.00	462000	Mid	left	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	0.205	31.19	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 44 of 61

**Table A-78**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n7 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 <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.															
2535.00	507000	Mid	back	8 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.443	30.95	25.82
2535.00	507000	Mid	back	8 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.452	30.91	
2535.00	507000	Mid	front	6 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.708	28.91	
2535.00	507000	Mid	front	6 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.722	28.87	
2535.00	507000	Mid	bottom	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	0.645	29.31	
2535.00	507000	Mid	bottom	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	0.639	29.40	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	1.430	25.86	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	1.460	25.82	
2535.00	507000	Mid	back	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	1.150	22.10	18.53
2535.00	507000	Mid	front	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.820	23.57	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	2.550	18.64	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	18.88	1:1	2.570	18.76	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	216	0	18.68	1:1	2.550	18.59	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	CP-OFDM	QPSK	1	1	18.82	1:1	2.670	18.53	
2535.00	507000	Mid	left	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.176	30.25	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 45 of 61

**Table A-79**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n41 Phablet SAR**

MEASUREMENT RESULTS																		
FREQUENCY		Side	Spacing	Mode	Antenna Config	Path	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P <sub>limit</sub>	Overall P <sub>limit</sub>		
MHz	Ch.													(W/kg)				
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	1.290	22.20	19.81	
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.828	21.31		
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.808	24.24		
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.552	23.57		
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	1.830	20.69		
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.25	1:1	1.910	20.42		
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	270	0	19.18	1:1	1.930	20.30		
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	19.01	1:1	2.080	19.81		
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	1.140	20.42		
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.106	33.06		
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.087	31.59		
2592.99	518598	Mid	back	8 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.248	29.07	21.69	
2592.99	518598	Mid	back	8 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.224	27.45		
2592.99	518598	Mid	front	6 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.243	29.15		
2592.99	518598	Mid	front	6 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.246	27.04		
2592.99	518598	Mid	bottom	12 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	0.214	29.71		
2592.99	518598	Mid	bottom	12 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.240	27.15		
2592.99	518598	Mid	right	0 mm	NR Band n41	B	Path 2	100	DFT-S-OFDM	QPSK	1	137	19.03	1:1	1.160	22.37		
2592.99	518598	Mid	right	0 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.844	21.69		
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.247	25.05		23.25
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.207	24.70		
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.328	23.82		
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.289	23.25		
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.289	24.37		
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.212	24.60		
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.032	33.93		
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.028	33.39		
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.276	26.07	23.25	
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.255	26.11		
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.488	23.60		
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.493	23.25		
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.185	27.81		
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.205	27.06		
2592.99	518598	Mid	left	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.388	24.59		
2592.99	518598	Mid	left	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.410	24.05		

Note: Light purple entries indicate the additional check on the worst case exposure scenario for the n41 pathway that is not fully evaluated.

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 46 of 61

**Table A-80**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n48 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.	Low												(W/kg)		
3570.00	638000	Low	back	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	1.430	20.63	18.80
3570.00	638000	Low	front	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	1.200	21.39	
3570.00	638000	Low	top	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	0.632	24.17	
3570.00	638000	Low	left	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	2.180	18.80	
3624.99	641666	Mid	back	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.117	27.11	24.41
3624.99	641666	Mid	front	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.069	29.40	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.022	34.37	
3624.99	641666	Mid	right	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.218	24.41	
3570.00	638000	Low	back	0 mm	NR Band n48	I	40	CWSRS	N/A	N/A	N/A	15.73	1:1	0.390	23.80	23.80
3570.00	638000	Low	front	0 mm	NR Band n48	I	40	CWSRS	N/A	N/A	N/A	15.73	1:1	0.208	26.53	
3570.00	638000	Low	left	0 mm	NR Band n48	I	40	CWSRS	N/A	N/A	N/A	15.73	1:1	0.138	28.31	
3624.99	641666	Mid	back	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.206	24.74	24.74
3624.99	641666	Mid	front	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.025	33.90	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.046	31.25	
3624.99	641666	Mid	left	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.058	30.25	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 47 of 61

**Table A-81**  
**DSI = 0  $P_{Limit}$  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)														
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	1.790	19.87	19.87
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	1.410	20.91	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	0.480	25.59	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	1.760	19.94	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.122	27.08	24.30
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.085	28.65	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.001	47.94	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.231	24.30	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.299	25.33	25.33
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.247	26.16	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.124	29.16	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.191	24.83	24.83
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.023	34.02	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.030	32.87	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.001	47.64	
3750.00	650000	Low	back	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.747	23.99	20.19
3750.00	650000	Low	back	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.788	23.72	
3750.00	650000	Low	front	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	1.560	20.79	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.470	26.00	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.431	26.35	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	1.750	20.29	
3930.00	662000	High	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	137	18.53	1:1	1.690	20.23	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	1.630	20.57	
3930.00	662000	High	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	18.57	1:1	1.690	20.27	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	270	0	18.57	1:1	1.620	20.45	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	CP-OFDM	QPSK	1	1	18.57	1:1	1.720	20.19	
3750.00	650000	Low	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.057	30.56	27.08
3750.00	650000	Low	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.032	33.07	
3750.00	650000	Low	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.032	33.07	
3750.00	650000	Low	right	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.127	27.08	
3750.00	650000	Low	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.314	25.26	25.26
3750.00	650000	Low	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.144	28.65	
3750.00	650000	Low	left	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.109	29.86	25.20
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.206	25.20	
3750.00	650000	Low	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.023	34.72	
3750.00	650000	Low	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.050	31.35	
3750.00	650000	Low	left	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.001	48.34	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 48 of 61



**Table A-82**  
**DSI = 1  $P_{Limit}$  Calculations – GPRS Phablet SAR**

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
824.20	128	back	0 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.900	29.16	28.49
824.20	128	front	0 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.840	29.46	
824.20	128	bottom	0 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.678	30.39	
824.20	128	right	0 mm	GSM 850	GPRS	A	3	29.15	1:2.76	1.050	28.49	
824.20	128	left	0 mm	GSM 850	GPRS	A	3	29.15	1:2.76	0.305	33.86	
1909.80	810	back	0 mm	GSM 1900	GPRS	A	4	24.01	1:2.076	0.913	25.20	22.33
1909.80	810	front	0 mm	GSM 1900	GPRS	A	4	24.01	1:2.076	0.697	26.38	
1850.20	512	bottom	0 mm	GSM 1900	GPRS	A	4	23.85	1:2.076	1.250	23.68	
1880.00	661	bottom	0 mm	GSM 1900	GPRS	A	4	23.86	1:2.076	1.710	22.33	
1909.80	810	bottom	0 mm	GSM 1900	GPRS	A	4	24.01	1:2.076	1.610	22.74	
1909.80	810	right	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.237	32.20	
1909.80	810	left	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.175	33.52	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 49 of 61

**Table A-83**  
**DSI = 1  $P_{Limit}$  Calculations – UMTS Phablet SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	4183	back	0 mm	UMTS 850	RMC	A	23.68	1:1	1.020	27.57	27.37
836.60	4183	front	0 mm	UMTS 850	RMC	A	23.68	1:1	1.070	27.37	
836.60	4183	bottom	0 mm	UMTS 850	RMC	A	23.68	1:1	0.859	28.32	
836.60	4183	right	0 mm	UMTS 850	RMC	A	23.68	1:1	0.651	29.52	
836.60	4183	left	0 mm	UMTS 850	RMC	A	23.68	1:1	0.209	34.46	
1732.40	1412	back	0 mm	UMTS 1750	RMC	A	18.51	1:1	1.130	21.96	19.68
1732.40	1412	front	0 mm	UMTS 1750	RMC	A	18.51	1:1	1.180	21.77	
1712.40	1312	bottom	0 mm	UMTS 1750	RMC	A	18.49	1:1	1.300	21.33	
1732.40	1412	bottom	0 mm	UMTS 1750	RMC	A	18.51	1:1	1.830	19.86	
1752.60	1513	bottom	0 mm	UMTS 1750	RMC	A	18.42	1:1	1.870	19.68	
1732.40	1412	right	0 mm	UMTS 1750	RMC	A	22.77	1:1	0.600	28.97	
1732.40	1412	left	0 mm	UMTS 1750	RMC	A	22.77	1:1	0.279	32.29	
1907.60	9538	back	0 mm	UMTS 1900	RMC	A	19.24	1:1	1.310	22.05	19.84
1907.60	9538	front	0 mm	UMTS 1900	RMC	A	19.24	1:1	1.270	22.18	
1852.40	9262	bottom	0 mm	UMTS 1900	RMC	A	19.20	1:1	2.100	19.96	
1880.00	9400	bottom	0 mm	UMTS 1900	RMC	A	19.21	1:1	2.160	19.84	
1907.60	9538	bottom	0 mm	UMTS 1900	RMC	A	19.24	1:1	2.090	20.02	
1880.00	9400	right	0 mm	UMTS 1900	RMC	A	22.74	1:1	0.441	30.28	
1880.00	9400	left	0 mm	UMTS 1900	RMC	A	22.74	1:1	0.323	31.63	

**Table A-84**  
**DSI = 1  $P_{Limit}$  Calculations – LTE Band 71 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
680.50	133297	Mid	back	0 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.839	29.29	27.85
680.50	133297	Mid	front	0 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.893	29.02	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	1.160	27.88	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	1.170	27.85	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	20	QPSK	1	50	24.55	1:1	0.112	38.04	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 50 of 61

**Table A-85**  
**DSI = 1  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
707.50	23095	Mid	back	0 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.936	28.78	27.52
707.50	23095	Mid	front	0 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.922	28.84	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	1.250	27.52	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.889	29.00	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	25	24.51	1:1	0.203	35.41	

**Table A-86**  
**DSI = 1  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
782.00	23230	Mid	back	0 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.991	28.94	28.65
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.946	29.14	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	1.060	28.65	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.891	29.40	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.92	1:1	0.240	35.10	

**Table A-87**  
**DSI = 1  $P_{Limit}$  Calculations – LTE Band 14 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
793.00	23330	Mid	back	0 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	1.050	28.35	27.88
793.00	23330	Mid	front	0 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	1.170	27.88	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	1.160	27.91	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	1.070	28.27	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	10	QPSK	1	25	24.58	1:1	0.258	34.44	

**Table A-88**  
**DSI = 1  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	1.120	27.76	27.57
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	1.170	27.57	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.915	28.64	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.818	29.12	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.27	1:1	0.262	34.07	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 51 of 61

**Table A-89**  
**DSI = 1  $P_{Limit}$  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)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	1.120	27.95	27.76
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	1.170	27.76	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.859	29.10	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.763	29.61	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.46	1:1	0.254	34.39	

**Table A-90**  
**DSI = 1  $P_{Limit}$  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)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	19.90	1:1	1.310	22.71	20.39
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	19.92	1:1	1.330	22.66	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	19.90	1:1	1.340	22.61	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	19.92	1:1	1.350	22.60	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.85	1:1	2.200	20.41	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.84	1:1	2.150	20.50	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	19.90	1:1	2.090	20.68	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	19.91	1:1	2.240	20.39	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.90	1:1	2.170	20.51	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	19.92	1:1	2.150	20.58	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	19.87	1:1	2.220	20.39	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.647	29.22	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.504	29.35	
1745.00	132322	Mid	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.35	1:1	0.351	31.88	
1745.00	132322	Mid	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.39	1:1	0.277	31.94	
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	1.080	23.60	20.50
1720.00	132072	Low	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.922	24.28	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	2.000	20.92	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.94	1:1	2.080	20.74	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.92	1:1	2.160	20.55	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	20.00	1:1	2.010	20.95	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.84	1:1	2.070	20.66	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	19.81	1:1	2.100	20.57	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.84	1:1	2.150	20.50	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	100	0	19.84	1:1	2.010	20.79	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.95	1:1	0.199	30.94	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 52 of 61

**Table A-91**  
**DSI = 1  $P_{Limit}$  Calculations – LTE Band 25 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	20.20	1:1	1.350	22.88	21.15
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	20.16	1:1	1.360	22.80	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	20.20	1:1	1.270	23.14	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	20.16	1:1	1.250	23.17	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	20.11	1:1	1.890	21.32	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	20.10	1:1	1.880	21.34	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	20.20	1:1	1.960	21.26	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	0	20.03	1:1	1.930	21.15	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	20.10	1:1	1.930	21.22	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	20.16	1:1	1.940	21.26	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	20.10	1:1	1.930	21.22	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.288	32.66	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.228	32.62	
1905.00	26590	High	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	23.27	1:1	0.305	32.41	
1905.00	26590	High	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	22.22	1:1	0.249	32.24	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	99	20.12	1:1	1.270	23.06	21.69
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	99	20.12	1:1	1.040	23.93	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.65	1:1	0.986	21.69	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	17.63	1:1	0.963	21.77	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	99	20.12	1:1	0.299	29.34	

**Table A-92**  
**DSI = 1  $P_{Limit}$  Calculations – LTE Band 30 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2310.00	27710	Mid	back	0 mm	LTE Band 30	A	10	QPSK	1	25	21.33	1:1	1.240	24.38	24.20
2310.00	27710	Mid	back	0 mm	LTE Band 30	A	10	QPSK	25	25	21.35	1:1	1.240	24.40	
2310.00	27710	Mid	front	0 mm	LTE Band 30	A	10	QPSK	1	25	21.33	1:1	1.000	25.31	
2310.00	27710	Mid	front	0 mm	LTE Band 30	A	10	QPSK	25	25	21.35	1:1	0.976	25.43	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	A	10	QPSK	1	25	21.33	1:1	1.290	24.20	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	A	10	QPSK	25	25	21.35	1:1	1.280	24.26	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.641	28.11	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.483	28.30	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	1	25	22.20	1:1	0.208	33.00	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	25	25	21.16	1:1	0.158	33.15	
2310.00	27710	Mid	back	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	1.720	21.50	20.06
2310.00	27710	Mid	front	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	1.210	23.03	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	2.400	20.06	
2310.00	27710	Mid	left	0 mm	LTE Band 30	F	10	QPSK	1	25	19.88	1:1	0.196	30.94	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 53 of 61

**Table A-93**  
**DSI = 1  $P_{Limit}$  Calculations – LTE Band 7 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 <sub>limit</sub>	Overall P <sub>limit</sub>	
MHz	Ch.											(W/kg)			
2510.00	20850	Low	back	0 mm	LTE Band 7	B	20	QPSK	1	50	19.43	1:1	1.760	20.95	20.90
2535.00	21100	Mid	back	0 mm	LTE Band 7	B	20	QPSK	1	50	19.44	1:1	1.790	20.90	
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	1	99	19.62	1:1	1.710	21.27	
2510.00	20850	Low	back	0 mm	LTE Band 7	B	20	QPSK	50	25	19.60	1:1	1.790	21.05	
2535.00	21100	Mid	back	0 mm	LTE Band 7	B	20	QPSK	50	50	19.58	1:1	1.800	21.00	
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	50	25	19.61	1:1	1.710	21.26	
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	100	0	19.58	1:1	1.650	21.38	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	1	99	19.62	1:1	0.797	24.58	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	50	25	19.61	1:1	0.784	24.65	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	1	50	19.43	1:1	1.510	21.62	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	B	20	QPSK	1	50	19.44	1:1	1.470	21.75	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	1	99	19.62	1:1	1.560	21.67	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	50	25	19.60	1:1	1.520	21.76	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	B	20	QPSK	50	50	19.58	1:1	1.470	21.88	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	50	25	19.61	1:1	1.560	21.66	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	100	0	19.58	1:1	1.550	21.66	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	1	50	22.84	1:1	1.180	26.10	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	50	50	21.73	1:1	0.918	26.08	
2510.00	20850	Low	back	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	1.140	21.70	18.85
2510.00	20850	Low	front	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.723	23.68	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	2.160	18.92	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	1	0	18.19	1:1	2.070	19.01	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	1	99	18.10	1:1	1.870	19.36	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	50	25	18.26	1:1	2.180	18.85	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	50	25	18.15	1:1	2.020	19.08	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	50	25	18.08	1:1	1.960	19.14	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	100	0	18.25	1:1	2.130	18.95	
2510.00	20850	Low	left	0 mm	LTE Band 7	F	20	QPSK	1	50	18.29	1:1	0.169	29.99	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 54 of 61

**Table A-94**  
**DSI = 1  $P_{Limit}$  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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
2506.00	39750	Low	back	0 mm	LTE Band 41	B	20	QPSK	1	0	22.13	1:1.58	1.700	21.82	21.32
2549.50	40185	Low-Md	back	0 mm	LTE Band 41	B	20	QPSK	1	0	22.21	1:1.58	1.520	22.39	
2593.00	40620	Md	back	0 mm	LTE Band 41	B	20	QPSK	1	0	22.26	1:1.58	1.710	21.93	
2636.50	41055	Mid-High	back	0 mm	LTE Band 41	B	20	QPSK	1	0	22.11	1:1.58	1.200	23.31	
2680.00	41490	High	back	0 mm	LTE Band 41	B	20	QPSK	1	50	22.02	1:1.58	1.860	21.32	
2506.00	39750	Low	back	0 mm	LTE Band 41	B	20	QPSK	50	25	22.15	1:1.58	1.810	21.57	
2549.50	40185	Low-Md	back	0 mm	LTE Band 41	B	20	QPSK	50	25	22.24	1:1.58	1.500	22.47	
2593.00	40620	Md	back	0 mm	LTE Band 41	B	20	QPSK	50	25	22.26	1:1.58	1.730	21.88	
2636.50	41055	Mid-High	back	0 mm	LTE Band 41	B	20	QPSK	50	25	22.20	1:1.58	1.250	23.23	
2680.00	41490	High	back	0 mm	LTE Band 41	B	20	QPSK	50	50	22.01	1:1.58	1.760	21.55	
2593.00	40620	Md	back	0 mm	LTE Band 41	B	20	QPSK	100	0	22.25	1:1.58	1.460	22.60	
2593.00	40620	Md	front	0 mm	LTE Band 41	B	20	QPSK	1	0	22.26	1:1.58	1.240	23.32	
2506.00	39750	Low	front	0 mm	LTE Band 41	B	20	QPSK	50	25	22.15	1:1.58	1.270	23.11	
2549.50	40185	Low-Md	front	0 mm	LTE Band 41	B	20	QPSK	50	25	22.24	1:1.58	1.280	23.16	
2593.00	40620	Md	front	0 mm	LTE Band 41	B	20	QPSK	50	25	22.26	1:1.58	1.280	23.18	
2636.50	41055	Mid-High	front	0 mm	LTE Band 41	B	20	QPSK	50	25	22.20	1:1.58	1.070	23.90	
2680.00	41490	High	front	0 mm	LTE Band 41	B	20	QPSK	50	50	22.01	1:1.58	1.150	23.40	
2593.00	40620	Md	front	0 mm	LTE Band 41	B	20	QPSK	100	0	22.25	1:1.58	1.280	23.17	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	22.13	1:1.58	1.330	22.89	
2549.50	40185	Low-Md	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	22.21	1:1.58	1.290	23.10	
2593.00	40620	Md	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	22.26	1:1.58	1.670	22.03	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	22.11	1:1.58	1.320	22.90	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	22.02	1:1.58	1.480	22.31	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	22.15	1:1.58	1.370	22.78	
2549.50	40185	Low-Md	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	22.24	1:1.58	1.350	22.93	
2593.00	40620	Md	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	22.26	1:1.58	1.630	22.13	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	22.20	1:1.58	1.400	22.73	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	50	22.01	1:1.58	1.490	22.27	
2593.00	40620	Md	bottom	0 mm	LTE Band 41	B	20	QPSK	100	0	22.25	1:1.58	1.580	22.26	
2506.00	39750	Low	right	0 mm	LTE Band 41	B	20	QPSK	1	50	24.03	1:1.58	1.040	25.86	
2549.50	40185	Low-Md	right	0 mm	LTE Band 41	B	20	QPSK	1	50	23.97	1:1.58	0.931	26.28	
2593.00	40620	Md	right	0 mm	LTE Band 41	B	20	QPSK	1	99	24.07	1:1.58	1.380	24.67	
2636.50	41055	Mid-High	right	0 mm	LTE Band 41	B	20	QPSK	1	0	23.85	1:1.58	1.950	22.95	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	1	0	23.85	1:1.58	1.750	23.42	
2593.00	40620	Md	right	0 mm	LTE Band 41	B	20	QPSK	50	25	23.17	1:1.58	1.160	24.52	
2593.00	40620	Md	right	0 mm	LTE Band 41	B	20	QPSK	100	0	23.08	1:1.58	1.170	24.39	
2506.00	39750	Low	back	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	1.430	21.72	
2506.00	39750	Low	front	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.968	23.71	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	2.070	20.41	
2549.50	40185	Low-Md	top	0 mm	LTE Band 41	F	20	QPSK	1	99	21.37	1:1.58	1.780	20.86	
2593.00	40620	Md	top	0 mm	LTE Band 41	F	20	QPSK	1	0	21.25	1:1.58	1.980	20.28	
2636.50	41055	Mid-High	top	0 mm	LTE Band 41	F	20	QPSK	1	99	21.26	1:1.58	1.910	20.45	
2680.00	41490	High	top	0 mm	LTE Band 41	F	20	QPSK	1	50	21.36	1:1.58	1.810	20.78	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	50	0	21.63	1:1.58	2.170	20.26	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	50	50	21.48	1:1.58	2.090	20.27	
2549.50	40185	Low-Md	top	0 mm	LTE Band 41	F	20	QPSK	50	25	21.35	1:1.58	1.730	20.97	
2593.00	40620	Md	top	0 mm	LTE Band 41	F	20	QPSK	50	0	21.23	1:1.58	1.960	20.30	
2636.50	41055	Mid-High	top	0 mm	LTE Band 41	F	20	QPSK	50	50	21.23	1:1.58	1.920	20.39	
2680.00	41490	High	top	0 mm	LTE Band 41	F	20	QPSK	50	0	21.34	1:1.58	1.820	20.73	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	100	0	21.53	1:1.58	2.120	20.26	
2506.00	39750	Low	left	0 mm	LTE Band 41	F	20	QPSK	1	99	21.57	1:1.58	0.212	30.30	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 55 of 61

**Table A-95**  
**DSI = 1  $P_{Limit}$  Calculations – LTE Band 48 Phablet SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
3560.00	55340	Low	back	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	1.880	19.64	18.44
3560.00	55340	Low	front	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	1.100	21.97	
3560.00	55340	Low	top	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	0.493	25.46	
3560.00	55340	Low	left	0 mm	LTE Band 48	G	20	QPSK	1	99	20.39	1:1.58	2.480	18.44	

**Table A-96**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n71 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)														
680.50	136100	Mid	back	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.859	28.67	27.29
680.50	136100	Mid	front	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.911	28.41	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	1.170	27.33	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	1.180	27.29	
680.50	136100	Mid	left	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	53	24.03	1:1	0.114	37.44	

**Table A-97**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n12 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)														
707.50	141500	Mid	back	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.944	28.24	27.02
707.50	141500	Mid	front	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.933	28.29	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	1.250	27.02	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.874	28.57	
707.50	141500	Mid	left	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.01	1:1	0.211	34.75	

**Table A-98**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n26 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)														
831.50	166300	Mid	back	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	1.130	27.58	27.39
831.50	166300	Mid	front	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	1.180	27.39	
831.50	166300	Mid	bottom	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.920	28.47	
831.50	166300	Mid	right	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.823	28.96	
831.50	166300	Mid	left	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	24.13	1:1	0.265	33.88	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 56 of 61



**Table A-99**  
**DSI = 1  $P_{Limit}$  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	20.46	1:1	1.490	22.71	20.03
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.59	1:1	1.540	22.69	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.46	1:1	1.680	22.19	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.59	1:1	1.760	22.11	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.46	1:1	2.330	20.77	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	108	20.59	1:1	2.460	20.66	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	216	0	20.45	1:1	2.460	20.52	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	20.41	1:1	2.730	20.03	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.726	29.37	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.753	29.35	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	24.00	1:1	0.394	32.02	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.390	32.21	
1745.00	349000	Mid	back	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	1.070	23.64	20.87
1745.00	349000	Mid	front	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.824	24.77	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	1.970	20.99	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.01	1:1	2.040	20.89	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	216	0	19.94	1:1	2.020	20.87	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	19.82	1:1	1.960	20.88	
1745.00	349000	Mid	left	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	19.95	1:1	0.221	30.49	

**Table A-100**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n25 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)														
1882.50	376500	Mid	back	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	20.37	1:1	1.910	21.54	20.35
1882.50	376500	Mid	back	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	20.46	1:1	1.950	21.54	
1882.50	376500	Mid	back	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	216	0	20.36	1:1	1.970	21.40	
1882.50	376500	Mid	front	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	20.37	1:1	1.590	22.34	
1882.50	376500	Mid	front	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	20.46	1:1	1.660	22.24	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	20.37	1:1	2.510	20.35	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	20.46	1:1	2.440	20.57	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	216	0	20.36	1:1	2.440	20.47	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	20.34	1:1	2.420	20.48	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.325	32.30	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.351	32.16	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	108	23.44	1:1	0.326	32.29	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.63	1:1	0.335	32.36	
1882.50	376500	Mid	back	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	1.280	23.00	21.10
1882.50	376500	Mid	front	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	1.030	23.94	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	1.840	21.42	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	20.22	1:1	1.850	21.53	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	20.08	1:1	1.880	21.32	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	19.98	1:1	1.930	21.10	
1882.50	376500	Mid	left	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	20.09	1:1	0.310	29.16	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 57 of 61

**Table A-101**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n30 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)														
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	21.52	1:1	1.700	23.20	23.20
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	0	21.54	1:1	1.690	23.24	
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	50	0	21.51	1:1	1.670	23.26	
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	20.35	1:1	1.220	23.47	
2310.00	462000	Mid	front	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	21.52	1:1	1.050	25.29	
2310.00	462000	Mid	front	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	0	21.54	1:1	1.100	25.11	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	21.52	1:1	1.260	24.50	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	0	21.54	1:1	1.290	24.41	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.557	28.89	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.547	28.87	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.37	1:1	0.180	33.80	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.27	1:1	0.170	33.95	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	1.740	21.90	20.49
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	1.220	23.45	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	2.410	20.49	
2310.00	462000	Mid	left	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.33	1:1	0.205	31.19	

**Table A-102**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n7 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)														
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	2.190	20.61	20.43
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.12	1:1	2.240	20.60	
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	20.01	1:1	2.270	20.43	
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	20.13	1:1	2.150	20.79	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	1.310	22.84	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.12	1:1	1.320	22.89	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	1.770	21.53	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.12	1:1	1.770	21.62	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	20.01	1:1	1.810	21.41	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	23.43	1:1	1.430	25.86	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	23.48	1:1	1.460	25.82	
2535.00	507000	Mid	back	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	1.150	22.10	
2535.00	507000	Mid	front	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.820	23.57	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	2.550	18.64	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	18.88	1:1	2.570	18.76	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	216	0	18.68	1:1	2.550	18.59	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	CP-OFDM	QPSK	1	1	18.82	1:1	2.670	18.53	
2535.00	507000	Mid	left	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	18.73	1:1	0.176	30.25	

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 58 of 61

**Table A-103**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n41 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Path	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 1	100	DFT-s-OFDM	QPSK	1	137	19.33	1:1	1.290	22.20
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.928	21.31
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 1	100	DFT-s-OFDM	QPSK	1	137	19.33	1:1	0.808	24.24
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.552	23.57
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-s-OFDM	QPSK	1	137	19.33	1:1	1.830	20.69
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-s-OFDM	QPSK	135	69	19.25	1:1	1.910	20.42
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-s-OFDM	QPSK	270	0	19.18	1:1	1.930	20.30
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	19.01	1:1	2.080	19.81
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	1.140	20.42
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 1	100	DFT-s-OFDM	QPSK	1	137	19.33	1:1	0.106	33.06
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.087	31.59
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	137	19.03	1:1	1.420	21.49
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	69	19.02	1:1	1.290	21.89
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	270	0	18.94	1:1	1.280	21.85
2592.99	518598	Mid	front	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	137	19.03	1:1	1.100	22.60
2592.99	518598	Mid	front	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	69	19.02	1:1	1.100	22.59
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	137	19.03	1:1	1.550	21.11
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	69	19.02	1:1	1.560	21.07
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	270	0	18.94	1:1	1.570	20.96
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 2	100	CP-OFDM	QPSK	1	1	18.85	1:1	1.550	20.93
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	1.090	20.58
2592.99	518598	Mid	right	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	137	19.03	1:1	1.160	22.37
2592.99	518598	Mid	right	0 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.844	21.69
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.247	25.05
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.207	24.70
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.328	23.82
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.289	23.25
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.289	24.37
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.212	24.60
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	15.00	1:1	0.032	33.93
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.028	33.39
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.276	26.07
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.255	26.11
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.488	23.60
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.493	23.25
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.185	27.81
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	N/A	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.205	27.06
2592.99	518598	Mid	left	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	16.50	1:1	0.388	24.59
2592.99	518598	Mid	left	0 mm	NR Band n41	D	N/A	100	CW/SRS	N/A	N/A	N/A	16.20	1:1	0.410	24.05

Note: Light purple entries indicate the additional check on the worst case exposure scenario for the n41 pathway that is not fully evaluated.

FCC ID: A3LSMS918U	PART 0 SAR CHAR REPORT	Approved by: Technical Manager
Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 59 of 61

**Table A-104**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n48 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 <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.	Low												(W/kg)		
3570.00	638000	Low	back	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	1.430	20.63	18.80
3570.00	638000	Low	front	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	1.200	21.39	
3570.00	638000	Low	top	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	0.632	24.17	
3570.00	638000	Low	left	0 mm	NR Band n48	G	40	DFT-S-OFDM	QPSK	1	1	18.20	1:1	2.180	18.80	
3624.99	641666	Mid	back	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.117	27.11	24.41
3624.99	641666	Mid	front	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.069	29.40	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.022	34.37	
3624.99	641666	Mid	right	0 mm	NR Band n48	C	40	CWSRS	N/A	N/A	N/A	13.81	1:1	0.218	24.41	
3570.00	638000	Low	back	0 mm	NR Band n48	I	40	CWSRS	N/A	N/A	N/A	15.73	1:1	0.390	23.80	23.80
3570.00	638000	Low	front	0 mm	NR Band n48	I	40	CWSRS	N/A	N/A	N/A	15.73	1:1	0.208	26.53	
3570.00	638000	Low	left	0 mm	NR Band n48	I	40	CWSRS	N/A	N/A	N/A	15.73	1:1	0.138	28.31	
3624.99	641666	Mid	back	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.206	24.74	24.74
3624.99	641666	Mid	front	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.025	33.90	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.046	31.25	
3624.99	641666	Mid	left	0 mm	NR Band n48	D	40	CWSRS	N/A	N/A	N/A	13.90	1:1	0.058	30.25	

<b>FCC ID:</b> A3LSMS918U	<b>PART 0 SAR CHAR REPORT</b>	<b>Approved by:</b> Technical Manager
<b>Document S/N:</b> 1M2209010098-29.A3L	<b>DUT Type:</b> Portable Handset	APPENDIX A: Page 60 of 61

**Table A-105**  
**DSI = 1  $P_{Limit}$  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)														
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	1.790	19.87	19.87
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	1.410	20.91	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	0.480	25.59	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	G	100	DFT-S-OFDM	QPSK	1	271	18.42	1:1	1.760	19.94	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.122	27.08	24.30
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.085	28.65	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.001	47.94	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.96	1:1	0.231	24.30	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.299	25.33	25.33
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.247	26.16	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.11	1:1	0.124	29.16	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.191	24.83	24.83
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.023	34.02	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.030	32.87	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.66	1:1	0.001	47.64	
3750.00	650000	Low	back	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.747	23.99	20.19
3750.00	650000	Low	back	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.788	23.72	
3750.00	650000	Low	front	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	1.560	20.79	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	0.470	26.00	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.431	26.35	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	1	18.74	1:1	1.750	20.29	
3930.00	662000	High	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	1	137	18.53	1:1	1.690	20.23	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	1.630	20.57	
3930.00	662000	High	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	135	69	18.57	1:1	1.690	20.27	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	DFT-S-OFDM	QPSK	270	0	18.57	1:1	1.620	20.45	
3750.00	650000	Low	left	0 mm	NR Band n77	G	100	CP-OFDM	QPSK	1	1	18.57	1:1	1.720	20.19	
3750.00	650000	Low	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.057	30.56	27.08
3750.00	650000	Low	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.032	33.07	
3750.00	650000	Low	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.032	33.07	
3750.00	650000	Low	right	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.14	1:1	0.127	27.08	
3750.00	650000	Low	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.314	25.26	25.26
3750.00	650000	Low	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.144	28.65	
3750.00	650000	Low	left	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.109	29.86	
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.206	25.20	
3750.00	650000	Low	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.023	34.72	25.20
3750.00	650000	Low	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.050	31.35	
3750.00	650000	Low	left	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	14.36	1:1	0.001	48.34	

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Document S/N: 1M2209010098-29.A3L	DUT Type: Portable Handset	APPENDIX A: Page 61 of 61