

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

Table A-1
DSI = 2 P_{Limit} Calculations –GSM 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	190	GSM 850	GSM	32.12	Right	Cheek	A	1:8.3	0.135	31.62	31.62
836.60	190	GSM 850	GSM	32.12	Right	Tilt	A	1:8.3	0.061	35.09	
836.60	190	GSM 850	GSM	32.12	Left	Cheek	A	1:8.3	0.125	31.95	
836.60	190	GSM 850	GSM	32.12	Left	Tilt	A	1:8.3	0.070	34.50	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

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

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	661	GSM 1900	GSM	29.00	Right	Cheek	A	1:8.3	0.041	33.67	32.40
1880.00	661	GSM 1900	GSM	29.00	Right	Tilt	A	1:8.3	0.031	34.89	
1880.00	661	GSM 1900	GSM	29.00	Left	Cheek	A	1:8.3	0.055	32.40	
1880.00	661	GSM 1900	GSM	29.00	Left	Tilt	A	1:8.3	0.023	36.18	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-3
DSI = 2 P_{Limit} Calculations –UMTS 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	UMTS 850	RMC	24.13	Right	Cheek	A	1:1	0.196	31.21	31.21
826.40	4132	UMTS 850	RMC	24.13	Right	Tilt	A	1:1	0.089	34.63	
826.40	4132	UMTS 850	RMC	24.13	Left	Cheek	A	1:1	0.159	32.12	
826.40	4132	UMTS 850	RMC	24.13	Left	Tilt	A	1:1	0.089	34.65	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



FCC ID: A3LSMS906U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT			Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset				APPENDIX A: Page 1 of 51

Table A-4
DSI = 2 P_{Limit} Calculations –UMTS 1750 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1732.40	1412	UMTS 1750	RMC	23.43	Right	Cheek	A	1:1	0.089	33.94	31.15
1732.40	1412	UMTS 1750	RMC	23.43	Right	Tilt	A	1:1	0.107	33.14	
1732.40	1412	UMTS 1750	RMC	23.43	Left	Cheek	A	1:1	0.169	31.15	
1732.40	1412	UMTS 1750	RMC	23.43	Left	Tilt	A	1:1	0.067	35.17	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-5
DSI = 2 P_{Limit} Calculations –UMTS 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	9400	UMTS 1900	RMC	23.31	Right	Cheek	A	1:1	0.084	34.07	30.81
1880.00	9400	UMTS 1900	RMC	23.31	Right	Tilt	A	1:1	0.083	34.12	
1880.00	9400	UMTS 1900	RMC	23.31	Left	Cheek	A	1:1	0.178	30.81	
1880.00	9400	UMTS 1900	RMC	23.31	Left	Tilt	A	1:1	0.057	35.75	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-6
DSI = 2 P_{Limit} Calculations – LTE Band 71 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
680.50	133297	Mid	LTE Band 71	20	24.40	0	Right	Cheek	A	QPSK	1	0	1:1	0.109	34.03	32.88
680.50	133297	Mid	LTE Band 71	20	23.23	1	Right	Cheek	A	QPSK	50	0	1:1	0.085	33.96	
680.50	133297	Mid	LTE Band 71	20	24.40	0	Right	Tilt	A	QPSK	1	0	1:1	0.049	37.46	
680.50	133297	Mid	LTE Band 71	20	23.23	1	Right	Tilt	A	QPSK	50	0	1:1	0.040	37.26	
680.50	133297	Mid	LTE Band 71	20	24.40	0	Left	Cheek	A	QPSK	1	0	1:1	0.142	32.88	
680.50	133297	Mid	LTE Band 71	20	23.23	1	Left	Cheek	A	QPSK	50	0	1:1	0.108	32.90	
680.50	133297	Mid	LTE Band 71	20	24.40	0	Left	Tilt	A	QPSK	1	0	1:1	0.065	36.26	
680.50	133297	Mid	LTE Band 71	20	23.23	1	Left	Tilt	A	QPSK	50	0	1:1	0.050	36.25	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 2 of 51

Table A-7
DSI = 2 P_{Limit} Calculations – LTE Band 12 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
707.50	23095	Mid	LTE Band 12	10	24.45	0	Right	Cheek	A	QPSK	1	25	1:1	0.187	31.73	31.73
707.50	23095	Mid	LTE Band 12	10	23.46	1	Right	Cheek	A	QPSK	25	25	1:1	0.148	31.76	
707.50	23095	Mid	LTE Band 12	10	24.45	0	Right	Tilt	A	QPSK	1	25	1:1	0.103	34.32	
707.50	23095	Mid	LTE Band 12	10	23.46	1	Right	Tilt	A	QPSK	25	25	1:1	0.079	34.46	
707.50	23095	Mid	LTE Band 12	10	24.45	0	Left	Cheek	A	QPSK	1	25	1:1	0.164	32.30	
707.50	23095	Mid	LTE Band 12	10	23.46	1	Left	Cheek	A	QPSK	25	25	1:1	0.128	32.39	
707.50	23095	Mid	LTE Band 12	10	24.45	0	Left	Tilt	A	QPSK	1	25	1:1	0.104	34.28	
707.50	23095	Mid	LTE Band 12	10	23.46	1	Left	Tilt	A	QPSK	25	25	1:1	0.082	34.33	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-8
DSI = 2 P_{Limit} Calculations – LTE Band 13 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
782.00	23230	Mid	LTE Band 13	10	24.78	0	Right	Cheek	A	QPSK	1	49	1:1	0.229	31.18	31.18
782.00	23230	Mid	LTE Band 13	10	23.65	1	Right	Cheek	A	QPSK	25	25	1:1	0.173	31.27	
782.00	23230	Mid	LTE Band 13	10	24.78	0	Right	Tilt	A	QPSK	1	49	1:1	0.117	34.10	
782.00	23230	Mid	LTE Band 13	10	23.65	1	Right	Tilt	A	QPSK	25	25	1:1	0.088	34.21	
782.00	23230	Mid	LTE Band 13	10	24.78	0	Left	Cheek	A	QPSK	1	49	1:1	0.173	32.40	
782.00	23230	Mid	LTE Band 13	10	23.65	1	Left	Cheek	A	QPSK	25	25	1:1	0.132	32.44	
782.00	23230	Mid	LTE Band 13	10	24.78	0	Left	Tilt	A	QPSK	1	49	1:1	0.114	34.21	
782.00	23230	Mid	LTE Band 13	10	23.65	1	Left	Tilt	A	QPSK	25	25	1:1	0.089	34.14	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-9
DSI = 2 P_{Limit} Calculations – LTE Band 14 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
793.00	23330	Mid	LTE Band 14	10	25.08	0	Right	Cheek	A	QPSK	1	49	1:1	0.208	31.90	31.47
793.00	23330	Mid	LTE Band 14	10	23.77	1	Right	Cheek	A	QPSK	25	12	1:1	0.170	31.47	
793.00	23330	Mid	LTE Band 14	10	25.08	0	Right	Tilt	A	QPSK	1	49	1:1	0.109	34.71	
793.00	23330	Mid	LTE Band 14	10	23.77	1	Right	Tilt	A	QPSK	25	12	1:1	0.084	34.52	
793.00	23330	Mid	LTE Band 14	10	25.08	0	Left	Cheek	A	QPSK	1	49	1:1	0.165	32.91	
793.00	23330	Mid	LTE Band 14	10	23.77	1	Left	Cheek	A	QPSK	25	12	1:1	0.132	32.56	
793.00	23330	Mid	LTE Band 14	10	25.08	0	Left	Tilt	A	QPSK	1	49	1:1	0.122	34.22	
793.00	23330	Mid	LTE Band 14	10	23.77	1	Left	Tilt	A	QPSK	25	12	1:1	0.092	34.14	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 3 of 51

Table A-10
DSI = 2 P_{Limit} Calculations – LTE Band 26 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	Right	Cheek	A	QPSK	1	36	1:1	0.200	31.30	31.25
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	Right	Cheek	A	QPSK	36	37	1:1	0.161	31.25	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	Right	Tilt	A	QPSK	1	36	1:1	0.103	34.18	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	Right	Tilt	A	QPSK	36	37	1:1	0.087	33.91	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	Left	Cheek	A	QPSK	1	36	1:1	0.139	32.88	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	Left	Cheek	A	QPSK	36	37	1:1	0.121	32.49	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	Left	Tilt	A	QPSK	1	36	1:1	0.082	35.18	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	Left	Tilt	A	QPSK	36	37	1:1	0.079	34.37	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-11
DSI = 2 P_{Limit} Calculations – LTE Band 5 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	Right	Cheek	A	QPSK	1	0	1:1	0.205	31.92	31.80
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	Right	Cheek	A	QPSK	25	25	1:1	0.163	31.80	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	Right	Tilt	A	QPSK	1	0	1:1	0.112	34.55	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	Right	Tilt	A	QPSK	25	25	1:1	0.093	34.24	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	Left	Cheek	A	QPSK	1	0	1:1	0.196	32.12	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	Left	Cheek	A	QPSK	25	25	1:1	0.123	33.02	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	Left	Tilt	A	QPSK	1	0	1:1	0.123	34.14	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	Left	Tilt	A	QPSK	25	25	1:1	0.084	34.68	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-12
DSI = 2 P_{Limit} Calculations – LTE Band 66 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Low												(W/kg)		
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	Right	Cheek	A	QPSK	1	99	1:1	0.074	34.36	31.58
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	Right	Cheek	A	QPSK	50	25	1:1	0.072	33.54	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	Right	Tilt	A	QPSK	1	99	1:1	0.082	33.91	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	Right	Tilt	A	QPSK	50	25	1:1	0.073	33.48	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	Left	Cheek	A	QPSK	1	99	1:1	0.135	31.75	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	Left	Cheek	A	QPSK	50	25	1:1	0.113	31.58	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	Left	Tilt	A	QPSK	1	99	1:1	0.073	34.42	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	Left	Tilt	A	QPSK	50	25	1:1	0.058	34.48	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 4 of 51

Table A-13
DSI = 2 P_{Limit} Calculations – LTE Band 25 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	Right	Cheek	A	QPSK	1	50	1:1	0.118	32.56	30.17
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	Right	Cheek	A	QPSK	50	25	1:1	0.089	32.72	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	Right	Tilt	A	QPSK	1	50	1:1	0.086	33.94	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	Right	Tilt	A	QPSK	50	25	1:1	0.064	34.15	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	Left	Cheek	A	QPSK	1	50	1:1	0.191	30.47	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	Left	Cheek	A	QPSK	50	25	1:1	0.160	30.17	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	Left	Tilt	A	QPSK	1	50	1:1	0.062	35.36	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	Left	Tilt	A	QPSK	50	25	1:1	0.052	35.05	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-14
DSI = 2 P_{Limit} Calculations – LTE Band 30 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	LTE Band 30	10	22.18	0	Right	Cheek	A	QPSK	1	25	1:1	0.062	34.26	33.10
2310.00	27710	Mid	LTE Band 30	10	21.22	1	Right	Cheek	A	QPSK	25	12	1:1	0.045	34.69	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	Right	Tilt	A	QPSK	1	25	1:1	0.081	33.10	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	Right	Tilt	A	QPSK	25	12	1:1	0.060	33.44	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	Left	Cheek	A	QPSK	1	25	1:1	0.056	34.70	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	Left	Cheek	A	QPSK	25	12	1:1	0.043	34.89	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	Left	Tilt	A	QPSK	1	25	1:1	0.047	35.46	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	Left	Tilt	A	QPSK	25	12	1:1	0.039	35.31	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-15
DSI = 2 P_{Limit} Calculations – LTE Band 7 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	21100	Mid	LTE Band 7	20	22.26	0	Right	Cheek	B	QPSK	1	50	1:1	0.040	36.24	36.13
2535.00	21100	Mid	LTE Band 7	20	22.18	0	Right	Cheek	B	QPSK	50	50	1:1	0.034	36.87	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	Right	Tilt	B	QPSK	1	50	1:1	0.041	36.13	
2535.00	21100	Mid	LTE Band 7	20	22.18	0	Right	Tilt	B	QPSK	50	50	1:1	0.038	36.38	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	Left	Cheek	B	QPSK	1	50	1:1	0.037	36.58	
2535.00	21100	Mid	LTE Band 7	20	22.18	0	Left	Cheek	B	QPSK	50	50	1:1	0.040	36.16	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	Left	Tilt	B	QPSK	1	50	1:1	0.030	37.49	
2535.00	21100	Mid	LTE Band 7	20	22.18	0	Left	Tilt	B	QPSK	50	50	1:1	0.030	37.41	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 5 of 51

Table A-16
DSI = 2 P_{Limit} Calculations – LTE Band 41 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2506.00	39750	Low	LTE Band 41	20	23.54	0	Right	Cheek	B	QPSK	1	50	1:1.58	0.036	35.99	34.65
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	Right	Cheek	B	QPSK	50	25	1:1.58	0.026	36.43	
2506.00	39750	Low	LTE Band 41	20	23.54	0	Right	Tilt	B	QPSK	1	50	1:1.58	0.018	39.00	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	Right	Tilt	B	QPSK	50	25	1:1.58	0.014	39.11	
2506.00	39750	Low	LTE Band 41	20	23.54	0	Left	Cheek	B	QPSK	1	50	1:1.58	0.049	34.65	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	Left	Cheek	B	QPSK	50	25	1:1.58	0.039	34.67	
2506.00	39750	Low	LTE Band 41	20	23.54	0	Left	Tilt	B	QPSK	1	50	1:1.58	0.027	37.24	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	Left	Tilt	B	QPSK	50	25	1:1.58	0.022	37.15	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-17
DSI = 2 P_{Limit} Calculations – LTE Band 48 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3560.00	55340	Low	LTE Band 48	20	18.45	0	Right	Cheek	F	QPSK	1	50	1:1.58	0.698	18.03	18.03
3603.30	55773	Low-Mid	LTE Band 48	20	18.65	0	Right	Cheek	F	QPSK	1	99	1:1.58	0.651	18.53	
3646.70	56207	Mid-High	LTE Band 48	20	18.81	0	Right	Cheek	F	QPSK	1	50	1:1.58	0.745	18.10	
3690.00	56640	High	LTE Band 48	20	18.61	0	Right	Cheek	F	QPSK	1	50	1:1.58	0.635	18.60	
3560.00	55340	Low	LTE Band 48	20	18.49	0	Right	Cheek	F	QPSK	50	25	1:1.58	0.699	18.06	
3603.30	55773	Low-Mid	LTE Band 48	20	18.59	0	Right	Cheek	F	QPSK	50	25	1:1.58	0.665	18.38	
3646.70	56207	Mid-High	LTE Band 48	20	18.82	0	Right	Cheek	F	QPSK	50	25	1:1.58	0.736	18.17	
3690.00	56640	High	LTE Band 48	20	18.71	0	Right	Cheek	F	QPSK	50	25	1:1.58	0.653	18.58	
3646.70	56207	Mid-High	LTE Band 48	20	18.70	0	Right	Cheek	F	QPSK	100	0	1:1.58	0.720	18.14	
3646.70	56207	Mid-High	LTE Band 48	20	18.81	0	Right	Tilt	F	QPSK	1	50	1:1.58	0.420	20.59	
3646.70	56207	Mid-High	LTE Band 48	20	18.82	0	Right	Tilt	F	QPSK	50	25	1:1.58	0.428	20.52	
3646.70	56207	Mid-High	LTE Band 48	20	18.81	0	Left	Cheek	F	QPSK	1	50	1:1.58	0.143	25.27	
3646.70	56207	Mid-High	LTE Band 48	20	18.82	0	Left	Cheek	F	QPSK	50	25	1:1.58	0.126	25.83	
3646.70	56207	Mid-High	LTE Band 48	20	18.81	0	Left	Tilt	F	QPSK	1	50	1:1.58	0.139	25.40	
3646.70	56207	Mid-High	LTE Band 48	20	18.82	0	Left	Tilt	F	QPSK	50	25	1:1.58	0.139	25.41	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 6 of 51

Table A-18
DSI = 2 P_{Limit} Calculations – NR Band n71 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
680.50	136100	Mid	NR Band n71	20	24.13	A	0	Right	Cheek	DFT-S-OFDM	QPSK	1	104	1:1	0.123	33.23	32.52
680.50	136100	Mid	NR Band n71	20	24.34	A	0	Right	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.148	32.64	
680.50	136100	Mid	NR Band n71	20	22.73	A	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.105	32.52	
680.50	136100	Mid	NR Band n71	20	24.13	A	0	Right	Tilt	DFT-S-OFDM	QPSK	1	104	1:1	0.063	36.14	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	Right	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.076	35.53	
680.50	136100	Mid	NR Band n71	20	24.13	A	0	Left	Cheek	DFT-S-OFDM	QPSK	1	104	1:1	0.128	33.06	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	Left	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.141	32.85	
680.50	136100	Mid	NR Band n71	20	24.13	A	0	Left	Tilt	DFT-S-OFDM	QPSK	1	104	1:1	0.069	35.74	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	Left	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.074	35.65	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-19
DSI = 2 P_{Limit} Calculations – NR Band n12 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
707.50	141500	Mid	NR Band n12	15	24.09	A	0	Right	Cheek	DFT-S-OFDM	QPSK	1	40	1:1	0.212	30.83	30.83
707.50	141500	Mid	NR Band n12	15	24.37	A	0	Right	Cheek	DFT-S-OFDM	QPSK	36	22	1:1	0.208	31.19	
707.50	141500	Mid	NR Band n12	15	22.71	A	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.121	31.88	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	Right	Tilt	DFT-S-OFDM	QPSK	1	40	1:1	0.155	32.19	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	Right	Tilt	DFT-S-OFDM	QPSK	36	22	1:1	0.169	32.09	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	Left	Cheek	DFT-S-OFDM	QPSK	1	40	1:1	0.184	31.44	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	Left	Cheek	DFT-S-OFDM	QPSK	36	22	1:1	0.179	31.84	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	Left	Tilt	DFT-S-OFDM	QPSK	1	40	1:1	0.118	33.37	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	Left	Tilt	DFT-S-OFDM	QPSK	36	22	1:1	0.113	33.84	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-20
DSI = 2 P_{Limit} Calculations – NR Band n5 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	Right	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.224	30.79	30.13
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	Right	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.275	30.13	
836.50	167300	Mid	NR Band n5 (Cell)	20	22.82	A	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.166	30.62	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	Right	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.148	32.59	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	Right	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.167	32.29	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	Left	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.189	31.53	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	Left	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.213	31.24	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	Left	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.176	31.83	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	Left	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.183	31.90	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 7 of 51

Table A-21
DSI = 2 P_{Limit} Calculations – NR Band n66 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	Right	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.094	33.46	30.00
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	Right	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.110	32.91	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	Right	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.108	32.86	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	Right	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.113	32.79	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	Left	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.201	30.16	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	Left	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.215	30.00	
1745.00	349000	Mid	NR Band n66 (AWS)	40	21.85	A	0.5	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.148	30.15	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	Left	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.079	34.21	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	Left	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.077	34.46	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.47	I	0	Right	Cheek	DFT-S-OFDM	QPSK	1	214	1:1	0.367	22.82	18.82
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.49	I	0	Right	Cheek	DFT-S-OFDM	QPSK	108	108	1:1	0.393	22.55	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.47	I	0	Right	Tilt	DFT-S-OFDM	QPSK	1	214	1:1	0.548	21.08	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.49	I	0	Right	Tilt	DFT-S-OFDM	QPSK	108	108	1:1	0.587	20.80	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.47	I	0	Left	Cheek	DFT-S-OFDM	QPSK	1	214	1:1	0.625	20.51	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.49	I	0	Left	Cheek	DFT-S-OFDM	QPSK	108	108	1:1	0.674	20.20	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.47	I	0	Left	Tilt	DFT-S-OFDM	QPSK	1	214	1:1	0.800	19.44	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.49	I	0	Left	Tilt	DFT-S-OFDM	QPSK	108	108	1:1	0.853	19.18	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.46	I	0	Left	Tilt	DFT-S-OFDM	QPSK	216	0	1:1	0.870	19.06	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.42	I	0	Left	Tilt	CP-OFDM	QPSK	1	1	1:1	0.913	18.82	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-22
DSI = 2 P_{Limit} Calculations – NR Band n25 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	Right	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.148	31.50	29.71
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	Right	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.125	32.04	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	Right	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.053	35.96	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	Right	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.060	35.23	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	Left	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.222	29.74	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	Left	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.214	29.71	
1882.50	376500	Mid	NR Band n25 (PCS)	40	21.77	A	0.5	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.151	29.98	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	Left	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.076	34.39	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	Left	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.069	34.62	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.44	I	0	Right	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.338	23.15	18.71
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.54	I	0	Right	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.364	22.93	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.44	I	0	Right	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.533	21.17	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.54	I	0	Right	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.594	20.80	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.44	I	0	Left	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.764	19.61	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.54	I	0	Left	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.766	19.70	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.43	I	0	Left	Cheek	DFT-S-OFDM	QPSK	216	0	1:1	0.775	19.54	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.44	I	0	Left	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.894	18.93	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.54	I	0	Left	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.924	18.88	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.43	I	0	Left	Tilt	DFT-S-OFDM	QPSK	216	0	1:1	0.924	18.77	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.35	I	0	Left	Tilt	CP-OFDM	QPSK	1	1	1:1	0.920	18.71	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 8 of 51

Table A-23
DSI = 2 P_{Limit} Calculations – NR Band n30 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	Right	Cheek	DFT-S-OFDM	QPSK	1	26	1:1	0.053	34.38	32.81
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	Right	Cheek	DFT-S-OFDM	QPSK	25	14	1:1	0.051	34.56	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	Right	Tilt	DFT-S-OFDM	QPSK	1	26	1:1	0.076	32.81	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	Right	Tilt	DFT-S-OFDM	QPSK	25	14	1:1	0.075	32.89	
2310.00	462000	Mid	NR Band n30	10	19.93	A	1.5	Right	Tilt	CP-OFDM	QPSK	1	1	1:1	0.041	33.80	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	Left	Cheek	DFT-S-OFDM	QPSK	1	26	1:1	0.063	33.63	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	Left	Cheek	DFT-S-OFDM	QPSK	25	14	1:1	0.063	33.65	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	Left	Tilt	DFT-S-OFDM	QPSK	1	26	1:1	0.062	33.70	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	Left	Tilt	DFT-S-OFDM	QPSK	25	14	1:1	0.063	33.65	
2310.00	462000	Mid	NR Band n30	10	18.55	I	0	Right	Cheek	DFT-S-OFDM	QPSK	1	50	1:1	0.410	22.42	19.29
2310.00	462000	Mid	NR Band n30	10	18.58	I	0	Right	Cheek	DFT-S-OFDM	QPSK	25	0	1:1	0.421	22.34	
2310.00	462000	Mid	NR Band n30	10	18.55	I	0	Right	Tilt	DFT-S-OFDM	QPSK	1	50	1:1	0.548	21.16	
2310.00	462000	Mid	NR Band n30	10	18.58	I	0	Right	Tilt	DFT-S-OFDM	QPSK	25	0	1:1	0.576	20.98	
2310.00	462000	Mid	NR Band n30	10	18.49	I	0	Right	Tilt	DFT-S-OFDM	QPSK	50	0	1:1	0.566	20.96	
2310.00	462000	Mid	NR Band n30	10	18.55	I	0	Left	Cheek	DFT-S-OFDM	QPSK	1	50	1:1	0.776	19.65	
2310.00	462000	Mid	NR Band n30	10	18.58	I	0	Left	Cheek	DFT-S-OFDM	QPSK	25	0	1:1	0.840	19.34	
2310.00	462000	Mid	NR Band n30	10	18.49	I	0	Left	Cheek	DFT-S-OFDM	QPSK	50	0	1:1	0.831	19.29	
2310.00	462000	Mid	NR Band n30	10	18.52	I	0	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.802	19.48	
2310.00	462000	Mid	NR Band n30	10	18.55	I	0	Left	Tilt	DFT-S-OFDM	QPSK	1	50	1:1	0.758	19.75	
2310.00	462000	Mid	NR Band n30	10	18.58	I	0	Left	Tilt	DFT-S-OFDM	QPSK	25	0	1:1	0.810	19.50	
2310.00	462000	Mid	NR Band n30	10	18.49	I	0	Left	Tilt	DFT-S-OFDM	QPSK	50	0	1:1	0.805	19.43	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-24
DSI = 2 P_{Limit} Calculations – NR Band n7 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	Right	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.038	36.25	35.48
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	Right	Cheek	DFT-S-OFDM	QPSK	108	108	1:1	0.034	36.80	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	Right	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.040	36.03	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	Right	Tilt	DFT-S-OFDM	QPSK	108	108	1:1	0.039	36.20	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	Left	Cheek	DFT-S-OFDM	QPSK	1	108	1:1	0.044	35.62	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	Left	Cheek	DFT-S-OFDM	QPSK	108	108	1:1	0.046	35.48	
2535.00	507000	Mid	NR Band n7	40	21.38	B	0.5	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.037	35.70	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	Left	Tilt	DFT-S-OFDM	QPSK	1	108	1:1	0.031	37.14	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	Left	Tilt	DFT-S-OFDM	QPSK	108	108	1:1	0.033	36.92	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 9 of 51

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

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
2592.99	518598	Mid	NR Band n41	100	17.08	I	0	Right	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.390	21.17	17.26
2592.99	518598	Mid	NR Band n41	100	17.07	I	0	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.401	21.04	
2592.99	518598	Mid	NR Band n41	100	17.08	I	0	Right	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.558	19.61	
2592.99	518598	Mid	NR Band n41	100	17.07	I	0	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.578	19.45	
2592.99	518598	Mid	NR Band n41	100	17.05	I	0	Right	Tilt	DFT-S-OFDM	QPSK	270	0	1:1	0.683	18.71	
2592.99	518598	Mid	NR Band n41	100	17.08	I	0	Left	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.801	18.04	
2592.99	518598	Mid	NR Band n41	100	17.07	I	0	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.825	17.91	
2592.99	518598	Mid	NR Band n41	100	17.05	I	0	Left	Cheek	DFT-S-OFDM	QPSK	270	0	1:1	0.821	17.91	
2592.99	518598	Mid	NR Band n41	100	17.08	I	0	Left	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.910	17.49	
2592.99	518598	Mid	NR Band n41	100	17.07	I	0	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.951	17.29	
2592.99	518598	Mid	NR Band n41	100	17.05	I	0	Left	Tilt	DFT-S-OFDM	QPSK	270	0	1:1	0.953	17.26	
2592.99	518598	Mid	NR Band n41	100	17.00	I	0	Left	Tilt	CP-OFDM	QPSK	1	1	1:1	0.925	17.34	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.017	34.08	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.013	35.24	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.014	34.92	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.017	34.08	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.237	21.53	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.165	23.11	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.167	23.05	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.142	23.76	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	53.22	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.007	34.77	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	53.22	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.011	32.81	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 10 of 51		

Table A-26
DSI = 2 P_{Limit} Calculations – NR Band n77 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.	Mid													(W/kg)			
3500.01	633334	Mid	NR Band n77 DoD	100	16.27	F	0	Right	Cheek	DFT-S-OFDM	QPSK	1	271	1:1	0.507	19.22	19.17	
3500.01	633334	Mid	NR Band n77 DoD	100	15.93	F	0	Right	Cheek	DFT-S-OFDM	QPSK	135	138	1:1	0.474	19.17		
3500.01	633334	Mid	NR Band n77 DoD	100	15.66	F	0	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.395	19.69		
3500.01	633334	Mid	NR Band n77 DoD	100	16.27	F	0	Right	Tilt	DFT-S-OFDM	QPSK	1	271	1:1	0.264	22.05		
3500.01	633334	Mid	NR Band n77 DoD	100	15.93	F	0	Right	Tilt	DFT-S-OFDM	QPSK	135	138	1:1	0.237	22.18		
3500.01	633334	Mid	NR Band n77 DoD	100	16.27	F	0	Left	Cheek	DFT-S-OFDM	QPSK	1	271	1:1	0.101	26.23		
3500.01	633334	Mid	NR Band n77 DoD	100	15.93	F	0	Left	Cheek	DFT-S-OFDM	QPSK	135	138	1:1	0.093	26.25		
3500.01	633334	Mid	NR Band n77 DoD	100	16.27	F	0	Left	Tilt	DFT-S-OFDM	QPSK	1	271	1:1	0.090	26.73		
3500.01	633334	Mid	NR Band n77 DoD	100	15.93	F	0	Left	Tilt	DFT-S-OFDM	QPSK	135	138	1:1	0.081	26.85		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	50.64		32.86
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.001	40.64		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.006	32.86		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	50.64		
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.69	55.69	
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.69		
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.69		
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.69		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.003	37.04	37.04	
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.003	37.04		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	51.81		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	51.81		
3750.00	650000	Low	NR Band n77	100	15.50	F	0	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.682	17.16	16.76	
3930.00	662000	High	NR Band n77	100	15.95	F	0	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.808	16.88		
3750.00	650000	Low	NR Band n77	100	15.63	F	0	Right	Cheek	DFT-S-OFDM	QPSK	135	0	1:1	0.648	17.51		
3930.00	662000	High	NR Band n77	100	15.92	F	0	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.787	16.96		
3930.00	662000	High	NR Band n77	100	15.75	F	0	Right	Cheek	DFT-S-OFDM	QPSK	270	0	1:1	0.783	16.81		
3930.00	662000	High	NR Band n77	100	15.45	F	0	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.739	16.76		
3930.00	662000	High	NR Band n77	100	15.95	F	0	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.340	20.64		
3930.00	662000	High	NR Band n77	100	15.92	F	0	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.349	20.49		
3930.00	662000	High	NR Band n77	100	15.95	F	0	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.125	24.98		
3930.00	662000	High	NR Band n77	100	15.92	F	0	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.125	24.95		
3930.00	662000	High	NR Band n77	100	15.95	F	0	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.101	25.91		
3930.00	662000	High	NR Band n77	100	15.92	F	0	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.105	25.71		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	51.31		51.31
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	51.31		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	51.31		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	51.31		
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.40	55.40	
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.40		
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.40		
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	55.40		
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.001	42.36	39.35	
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.002	39.35		
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.000	52.36		
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.000	52.36		

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 11 of 51

Table A-27
DSI = 0 P_{Limit} Calculations – GSM Body-Worn SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	190	GSM 850	GSM	32.12	15 mm	A	1:1	back	0.198	29.95	29.95
1880.00	661	GSM 1900	GSM	29.00	15 mm	A	1:1	back	0.220	26.37	26.37

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

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

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	UMTS 850	RMC	24.13	15 mm	A	1:1	back	0.239	30.35	30.35
1712.40	1312	UMTS 1750	RMC	23.35	15 mm	A	1:1	back	0.660	25.15	24.74
1732.40	1412	UMTS 1750	RMC	23.43	15 mm	A	1:1	back	0.708	24.93	
1752.60	1513	UMTS 1750	RMC	23.40	15 mm	A	1:1	back	0.734	24.74	
1852.40	9262	UMTS 1900	RMC	23.27	15 mm	A	1:1	back	0.700	24.82	24.74
1880.00	9400	UMTS 1900	RMC	23.31	15 mm	A	1:1	back	0.720	24.74	
1907.60	9538	UMTS 1900	RMC	23.27	15 mm	A	1:1	back	0.652	25.13	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 12 of 51

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

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Ch.												(W/kg)		
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	15 mm	back	1:1	0.207	31.24	31.24
680.50	133297	Mid	LTE Band 71	20	23.23	1	A	QPSK	50	0	15 mm	back	1:1	0.156	31.30	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	15 mm	back	1:1	0.276	30.04	30.02
707.50	23095	Mid	LTE Band 12	10	23.46	1	A	QPSK	25	25	15 mm	back	1:1	0.221	30.02	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	15 mm	back	1:1	0.297	30.05	29.88
782.00	23230	Mid	LTE Band 13	10	23.65	1	A	QPSK	25	25	15 mm	back	1:1	0.238	29.88	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	15 mm	back	1:1	0.276	30.67	30.17
793.00	23330	Mid	LTE Band 14	10	23.77	1	A	QPSK	25	12	15 mm	back	1:1	0.229	30.17	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	15 mm	back	1:1	0.218	30.93	30.86
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	A	QPSK	36	37	15 mm	back	1:1	0.176	30.86	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	15 mm	back	1:1	0.214	31.74	31.39
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	A	QPSK	25	25	15 mm	back	1:1	0.179	31.39	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	15 mm	back	1:1	0.726	24.44	23.96
1745.00	132322	Mid	LTE Band 66 (AWS)	20	22.86	0	A	QPSK	1	50	15 mm	back	1:1	0.777	23.96	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.91	0	A	QPSK	1	50	15 mm	back	1:1	0.728	24.29	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	15 mm	back	1:1	0.573	24.53	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.00	0.5	A	QPSK	100	0	15 mm	back	1:1	0.601	24.21	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	15 mm	back	1:1	0.710	24.77	24.41
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.26	0	A	QPSK	1	0	15 mm	back	1:1	0.746	24.53	
1905.00	26590	High	LTE Band 25 (PCS)	20	23.23	0	A	QPSK	1	0	15 mm	back	1:1	0.762	24.41	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	15 mm	back	1:1	0.566	24.68	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.14	1	A	QPSK	100	0	15 mm	back	1:1	0.552	24.72	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	15 mm	back	1:1	0.382	26.36	26.31
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	15 mm	back	1:1	0.310	26.31	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	B	QPSK	1	50	15 mm	back	1:1	0.273	27.90	27.90
2535.00	21100	Mid	LTE Band 7	20	22.18	0	B	QPSK	50	50	15 mm	back	1:1	0.214	28.88	
3603.30	55773	Low-Mid	LTE Band 48	20	20.91	0	F	QPSK	1	99	15 mm	back	1:1.58	0.157	26.97	26.91
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	15 mm	back	1:1.58	0.160	26.91	
2506.00	39750	Low	LTE Band 41	20	23.54	0	B	QPSK	1	50	15 mm	back	1:1.58	0.223	28.07	27.94
2506.00	39750	Low	LTE Band 41	20	23.35	0	B	QPSK	1	99	15 mm	back	1:1.58	0.220	27.94	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	B	QPSK	50	25	15 mm	back	1:1.58	0.178	28.07	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



FCC ID: A3LSMS906U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 13 of 51		

Table A-30
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
680.50	136100	Mid	NR Band n71	20	24.13	A	0	DFT-S-OFDM	QPSK	1	104	15 mm	back	1:1	0.154	32.25	31.36
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.187	31.62	
680.50	136100	Mid	NR Band n71	20	22.73	A	1.5	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.137	31.36	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	DFT-S-OFDM	QPSK	1	40	15 mm	back	1:1	0.289	29.48	29.48
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	15 mm	back	1:1	0.299	29.61	
707.50	141500	Mid	NR Band n12	15	22.71	A	1.5	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.202	29.66	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.215	30.97	30.61
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.246	30.61	
836.50	167300	Mid	NR Band n5 (Cell)	20	22.82	A	1.5	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.155	30.92	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	15 mm	back	1:1	0.932	23.50	23.18
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.933	23.62	
1745.00	349000	Mid	NR Band n66 (AWS)	40	22.52	A	0	DFT-S-OFDM	QPSK	216	0	15 mm	back	1:1	0.859	23.18	
1745.00	349000	Mid	NR Band n66 (AWS)	40	21.85	A	0.5	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.718	23.29	28.53
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.63	I	0	DFT-S-OFDM	QPSK	1	214	15 mm	back	1:1	0.162	28.53	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.153	28.84	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.56	I	0	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.155	28.66	23.51
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	15 mm	back	1:1	0.865	23.83	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.892	23.51	
1882.50	376500	Mid	NR Band n25 (PCS)	40	22.44	A	0	DFT-S-OFDM	QPSK	216	0	15 mm	back	1:1	0.702	23.98	29.55
1882.50	376500	Mid	NR Band n25 (PCS)	40	21.77	A	0.5	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.620	23.85	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.95	I	0	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.136	29.61	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	15 mm	back	1:1	0.139	29.55	25.97
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.96	I	0	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.101	30.92	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	15 mm	back	1:1	0.363	26.02	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	15 mm	back	1:1	0.356	26.13	30.12
2310.00	462000	Mid	NR Band n30	10	19.93	A	0	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.249	25.97	
2310.00	462000	Mid	NR Band n30	10	19.41	I	0	DFT-S-OFDM	QPSK	1	50	15 mm	back	1:1	0.085	30.12	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	15 mm	back	1:1	0.084	30.18	28.85
2310.00	462000	Mid	NR Band n30	10	19.35	I	0	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.083	30.16	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	DFT-S-OFDM	QPSK	1	108	15 mm	back	1:1	0.209	28.85	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	DFT-S-OFDM	QPSK	108	108	15 mm	back	1:1	0.211	28.87	28.85
2535.00	507000	Mid	NR Band n7	40	21.38	B	0.5	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.146	29.74	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-31
DSI = 0 P_{Limit} Calculations – 5G n41 Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.170	27.87	24.88
2592.99	518598	Mid	NR Band n41	100	20.16	I	0	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.173	27.78	
2592.99	518598	Mid	NR Band n41	100	20.07	I	0	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.172	27.71	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.116	25.74	22.11
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.010	35.28	30.09
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.022	29.80	27.31

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 14 of 51

Table A-32
DSI = 0 P_{Limit} Calculations – 5G n77 Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	15 mm	back	1:1	0.042	31.55	31.35
3500.01	633334	Mid	NR Band n77 DoD	100	17.58	F	0	DFT-S-OFDM	QPSK	135	138	15 mm	back	1:1	0.042	31.35	
3500.01	633334	Mid	NR Band n77 DoD	100	17.53	F	0	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.031	32.62	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.022	27.22	
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.020	32.68	
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.109	21.44	21.44
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.115	27.10	27.07
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.113	27.07	
3930.00	662000	High	NR Band n77	100	17.70	F	0	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.113	27.17	
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.000	51.31	51.31
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.048	28.59	28.59
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.058	24.73	24.73

ANSI / IEEE C95.1 1992 - SAFETY LIMIT
Spatial Peak
Uncontrolled Exposure/General Population

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-33
DSI = 3 P_{Limit} Calculations – GPRS Hotspot SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
848.80	251	GSM 850	GPRS	29.82	10 mm	A	3	1:2.76	back	0.496	28.44	28.44
848.80	251	GSM 850	GPRS	29.82	10 mm	A	3	1:2.76	front	0.259	31.26	
848.80	251	GSM 850	GPRS	29.82	10 mm	A	3	1:2.76	bottom	0.135	34.09	
848.80	251	GSM 850	GPRS	29.82	10 mm	A	3	1:2.76	right	0.393	29.45	
848.80	251	GSM 850	GPRS	29.82	10 mm	A	3	1:2.76	left	0.308	30.50	
1880.00	661	GSM 1900	GPRS	21.29	10 mm	A	4	1:2.076	back	0.321	23.04	19.53
1880.00	661	GSM 1900	GPRS	21.29	10 mm	A	4	1:2.076	front	0.227	24.55	
1850.20	512	GSM 1900	GPRS	21.25	10 mm	A	4	1:2.076	bottom	0.542	20.73	
1880.00	661	GSM 1900	GPRS	21.29	10 mm	A	4	1:2.076	bottom	0.597	20.35	
1909.80	810	GSM 1900	GPRS	21.00	10 mm	A	4	1:2.076	bottom	0.674	19.53	
1880.00	661	GSM 1900	GPRS	21.29	10 mm	A	4	1:2.076	right	0.033	32.94	
1880.00	661	GSM 1900	GPRS	21.29	10 mm	A	4	1:2.076	left	0.048	31.27	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 15 of 51

Table A-34
DSI = 3 P_{Limit} Calculations – UMTS Hotspot SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	UMTS 850	RMC	24.13	10 mm	A	1:1	back	0.420	27.90	27.90
826.40	4132	UMTS 850	RMC	24.13	10 mm	A	1:1	front	0.265	29.90	
826.40	4132	UMTS 850	RMC	24.13	10 mm	A	1:1	bottom	0.134	32.86	
826.40	4132	UMTS 850	RMC	24.13	10 mm	A	1:1	right	0.343	28.78	
826.40	4132	UMTS 850	RMC	24.13	10 mm	A	1:1	left	0.280	29.66	
1732.40	1412	UMTS 1750	RMC	19.47	10 mm	A	1:1	back	0.561	21.98	19.80
1732.40	1412	UMTS 1750	RMC	19.47	10 mm	A	1:1	front	0.427	23.17	
1712.40	1312	UMTS 1750	RMC	19.37	10 mm	A	1:1	bottom	0.837	20.14	
1732.40	1412	UMTS 1750	RMC	19.47	10 mm	A	1:1	bottom	0.886	20.00	
1752.60	1513	UMTS 1750	RMC	19.39	10 mm	A	1:1	bottom	0.910	19.80	
1732.40	1412	UMTS 1750	RMC	19.47	10 mm	A	1:1	right	0.060	31.69	
1732.40	1412	UMTS 1750	RMC	19.47	10 mm	A	1:1	left	0.130	28.33	
1907.60	9538	UMTS 1900	RMC	18.94	10 mm	A	1:1	back	0.494	22.00	19.32
1907.60	9538	UMTS 1900	RMC	18.94	10 mm	A	1:1	front	0.388	23.05	
1852.40	9262	UMTS 1900	RMC	18.88	10 mm	A	1:1	bottom	0.714	20.34	
1880.00	9400	UMTS 1900	RMC	18.85	10 mm	A	1:1	bottom	0.819	19.72	
1907.60	9538	UMTS 1900	RMC	18.94	10 mm	A	1:1	bottom	0.916	19.32	
1907.60	9538	UMTS 1900	RMC	18.94	10 mm	A	1:1	right	0.144	27.36	
1907.60	9538	UMTS 1900	RMC	18.94	10 mm	A	1:1	left	0.244	25.07	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 16 of 51

Table A-35
DSI = 3 P_{Limit} Calculations – LTE Band 71 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	10 mm	back	1:1	0.323	29.31	29.30
680.50	133297	Mid	LTE Band 71	20	23.23	1	A	QPSK	50	0	10 mm	back	1:1	0.247	29.30	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	10 mm	front	1:1	0.227	30.84	
680.50	133297	Mid	LTE Band 71	20	23.23	1	A	QPSK	50	0	10 mm	front	1:1	0.147	31.56	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	10 mm	bottom	1:1	0.040	38.39	
680.50	133297	Mid	LTE Band 71	20	23.23	1	A	QPSK	50	0	10 mm	bottom	1:1	0.031	38.37	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	10 mm	right	1:1	0.196	31.48	
680.50	133297	Mid	LTE Band 71	20	23.23	1	A	QPSK	50	0	10 mm	right	1:1	0.152	31.41	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	10 mm	left	1:1	0.318	29.38	
680.50	133297	Mid	LTE Band 71	20	23.23	1	A	QPSK	50	0	10 mm	left	1:1	0.234	29.54	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-36
DSI = 3 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	10 mm	back	1:1	0.425	28.17	28.17
707.50	23095	Mid	LTE Band 12	10	23.46	1	A	QPSK	25	25	10 mm	back	1:1	0.338	28.17	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	10 mm	front	1:1	0.277	30.03	
707.50	23095	Mid	LTE Band 12	10	23.46	1	A	QPSK	25	25	10 mm	front	1:1	0.222	30.00	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	10 mm	bottom	1:1	0.128	33.38	
707.50	23095	Mid	LTE Band 12	10	23.46	1	A	QPSK	25	25	10 mm	bottom	1:1	0.104	33.29	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	10 mm	right	1:1	0.281	29.96	
707.50	23095	Mid	LTE Band 12	10	23.46	1	A	QPSK	25	25	10 mm	right	1:1	0.206	30.32	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	10 mm	left	1:1	0.173	32.07	
707.50	23095	Mid	LTE Band 12	10	23.46	1	A	QPSK	25	25	10 mm	left	1:1	0.145	31.85	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 17 of 51

Table A-37
DSI = 3 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	10 mm	back	1:1	0.600	27.00	27.00
782.00	23230	Mid	LTE Band 13	10	23.65	1	A	QPSK	25	25	10 mm	back	1:1	0.460	27.02	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	10 mm	front	1:1	0.339	29.48	
782.00	23230	Mid	LTE Band 13	10	23.65	1	A	QPSK	25	25	10 mm	front	1:1	0.265	29.42	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	10 mm	bottom	1:1	0.163	32.66	
782.00	23230	Mid	LTE Band 13	10	23.65	1	A	QPSK	25	25	10 mm	bottom	1:1	0.121	32.82	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	10 mm	right	1:1	0.316	29.78	
782.00	23230	Mid	LTE Band 13	10	23.65	1	A	QPSK	25	25	10 mm	right	1:1	0.250	29.67	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	10 mm	left	1:1	0.213	31.50	
782.00	23230	Mid	LTE Band 13	10	23.65	1	A	QPSK	25	25	10 mm	left	1:1	0.183	31.03	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-38
DSI = 3 P_{Limit} Calculations – LTE Band 14 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	10 mm	back	1:1	0.586	27.40	27.34
793.00	23330	Mid	LTE Band 14	10	23.77	1	A	QPSK	25	12	10 mm	back	1:1	0.440	27.34	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	10 mm	front	1:1	0.350	29.64	
793.00	23330	Mid	LTE Band 14	10	23.77	1	A	QPSK	25	12	10 mm	front	1:1	0.255	29.70	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	10 mm	bottom	1:1	0.164	32.93	
793.00	23330	Mid	LTE Band 14	10	23.77	1	A	QPSK	25	12	10 mm	bottom	1:1	0.134	32.50	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	10 mm	right	1:1	0.337	29.80	
793.00	23330	Mid	LTE Band 14	10	23.77	1	A	QPSK	25	12	10 mm	right	1:1	0.262	29.59	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	10 mm	left	1:1	0.228	31.50	
793.00	23330	Mid	LTE Band 14	10	23.77	1	A	QPSK	25	12	10 mm	left	1:1	0.181	31.19	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 18 of 51

Table A-39
DSI = 3 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	10 mm	back	1:1	0.483	27.47	27.44
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	A	QPSK	36	37	10 mm	back	1:1	0.387	27.44	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	10 mm	front	1:1	0.266	30.06	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	A	QPSK	36	37	10 mm	front	1:1	0.214	30.02	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	10 mm	bottom	1:1	0.117	33.63	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	A	QPSK	36	37	10 mm	bottom	1:1	0.094	33.59	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	10 mm	right	1:1	0.305	29.47	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	A	QPSK	36	37	10 mm	right	1:1	0.237	29.57	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	10 mm	left	1:1	0.152	32.49	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.32	1	A	QPSK	36	37	10 mm	left	1:1	0.110	32.91	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-40
DSI = 3 P_{Limit} Calculations – LTE Band 5 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	10 mm	back	1:1	0.498	28.07	27.72
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	A	QPSK	25	25	10 mm	back	1:1	0.417	27.72	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	10 mm	front	1:1	0.284	30.51	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	A	QPSK	25	25	10 mm	front	1:1	0.232	30.27	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	10 mm	bottom	1:1	0.128	33.97	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	A	QPSK	25	25	10 mm	bottom	1:1	0.116	33.28	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	10 mm	right	1:1	0.296	30.33	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	A	QPSK	25	25	10 mm	right	1:1	0.223	30.44	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	10 mm	left	1:1	0.169	32.76	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.92	1	A	QPSK	25	25	10 mm	left	1:1	0.117	33.24	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 19 of 51

Table A-41
DSI = 3 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Low												(W/kg)		
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.63	0	A	QPSK	1	50	10 mm	back	1:1	0.479	21.83	19.00
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.57	0	A	QPSK	50	25	10 mm	back	1:1	0.477	21.78	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.63	0	A	QPSK	1	50	10 mm	front	1:1	0.377	22.87	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.57	0	A	QPSK	50	25	10 mm	front	1:1	0.377	22.81	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.63	0	A	QPSK	1	50	10 mm	bottom	1:1	0.765	19.79	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	18.51	0	A	QPSK	1	50	10 mm	bottom	1:1	0.848	19.23	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.42	0	A	QPSK	1	50	10 mm	bottom	1:1	0.874	19.00	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.57	0	A	QPSK	50	25	10 mm	bottom	1:1	0.769	19.71	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	18.56	0	A	QPSK	50	25	10 mm	bottom	1:1	0.850	19.27	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.55	0	A	QPSK	50	25	10 mm	bottom	1:1	0.882	19.10	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.50	0	A	QPSK	100	0	10 mm	bottom	1:1	0.866	19.12	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.63	0	A	QPSK	1	50	10 mm	right	1:1	0.050	31.67	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.57	0	A	QPSK	50	25	10 mm	right	1:1	0.051	31.47	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.63	0	A	QPSK	1	50	10 mm	left	1:1	0.132	27.42	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.57	0	A	QPSK	50	25	10 mm	left	1:1	0.130	27.43	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-42
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Low												(W/kg)		
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.42	0	A	QPSK	1	50	10 mm	back	1:1	0.431	22.08	18.82
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.24	0	A	QPSK	50	25	10 mm	back	1:1	0.450	21.71	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.42	0	A	QPSK	1	50	10 mm	front	1:1	0.372	22.71	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.24	0	A	QPSK	50	25	10 mm	front	1:1	0.374	22.51	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.42	0	A	QPSK	1	50	10 mm	bottom	1:1	0.713	19.89	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.40	0	A	QPSK	1	99	10 mm	bottom	1:1	0.841	19.15	
1905.00	26590	High	LTE Band 25 (PCS)	20	18.33	0	A	QPSK	1	0	10 mm	bottom	1:1	0.853	19.02	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.24	0	A	QPSK	50	25	10 mm	bottom	1:1	0.722	19.65	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.20	0	A	QPSK	50	50	10 mm	bottom	1:1	0.822	19.05	
1905.00	26590	High	LTE Band 25 (PCS)	20	18.18	0	A	QPSK	50	0	10 mm	bottom	1:1	0.862	18.82	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.17	0	A	QPSK	100	0	10 mm	bottom	1:1	0.708	19.67	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.42	0	A	QPSK	1	50	10 mm	right	1:1	0.045	31.89	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.24	0	A	QPSK	50	25	10 mm	right	1:1	0.048	31.39	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.42	0	A	QPSK	1	50	10 mm	left	1:1	0.084	29.20	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.24	0	A	QPSK	50	25	10 mm	left	1:1	0.084	28.99	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 20 of 51

Table A-43
DSI = 3 P_{Limit} Calculations – LTE Band 30 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2310.00	27710	Mid	LTE Band 30	10	18.84	0	A	QPSK	1	0	10 mm	back	1:1	0.303	24.03	20.44
2310.00	27710	Mid	LTE Band 30	10	18.83	0	A	QPSK	25	12	10 mm	back	1:1	0.295	24.13	
2310.00	27710	Mid	LTE Band 30	10	18.84	0	A	QPSK	1	0	10 mm	front	1:1	0.303	24.03	
2310.00	27710	Mid	LTE Band 30	10	18.83	0	A	QPSK	25	12	10 mm	front	1:1	0.303	24.02	
2310.00	27710	Mid	LTE Band 30	10	18.84	0	A	QPSK	1	0	10 mm	bottom	1:1	0.687	20.47	
2310.00	27710	Mid	LTE Band 30	10	18.83	0	A	QPSK	25	12	10 mm	bottom	1:1	0.688	20.45	
2310.00	27710	Mid	LTE Band 30	10	18.75	0	A	QPSK	50	0	10 mm	bottom	1:1	0.677	20.44	
2310.00	27710	Mid	LTE Band 30	10	18.84	0	A	QPSK	1	0	10 mm	right	1:1	0.033	33.65	
2310.00	27710	Mid	LTE Band 30	10	18.83	0	A	QPSK	25	12	10 mm	right	1:1	0.032	33.78	
2310.00	27710	Mid	LTE Band 30	10	18.84	0	A	QPSK	1	0	10 mm	left	1:1	0.071	30.33	
2310.00	27710	Mid	LTE Band 30	10	18.83	0	A	QPSK	25	12	10 mm	left	1:1	0.076	30.02	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-44
DSI = 3 P_{Limit} Calculations – LTE Band 7 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2510.00	20850	Low	LTE Band 7	20	19.77	0	B	QPSK	1	99	10 mm	back	1:1	0.324	24.66	23.84
2510.00	20850	Low	LTE Band 7	20	19.67	0	B	QPSK	50	25	10 mm	back	1:1	0.340	24.36	
2510.00	20850	Low	LTE Band 7	20	19.77	0	B	QPSK	1	99	10 mm	front	1:1	0.222	26.31	
2510.00	20850	Low	LTE Band 7	20	19.67	0	B	QPSK	50	25	10 mm	front	1:1	0.211	26.43	
2510.00	20850	Low	LTE Band 7	20	19.77	0	B	QPSK	1	99	10 mm	bottom	1:1	0.392	23.84	
2510.00	20850	Low	LTE Band 7	20	19.67	0	B	QPSK	50	25	10 mm	bottom	1:1	0.362	24.08	
2510.00	20850	Low	LTE Band 7	20	19.77	0	B	QPSK	1	99	10 mm	left	1:1	0.321	24.70	
2510.00	20850	Low	LTE Band 7	20	19.67	0	B	QPSK	50	25	10 mm	left	1:1	0.310	24.76	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-45
DSI = 3 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2506.00	39750	Low	LTE Band 41	20	21.62	0	B	QPSK	1	0	10 mm	back	1:1.58	0.309	24.74	24.49
2506.00	39750	Low	LTE Band 41	20	21.78	0	B	QPSK	50	50	10 mm	back	1:1.58	0.312	24.85	
2506.00	39750	Low	LTE Band 41	20	21.62	0	B	QPSK	1	0	10 mm	front	1:1.58	0.210	26.41	
2506.00	39750	Low	LTE Band 41	20	21.78	0	B	QPSK	50	50	10 mm	front	1:1.58	0.212	26.53	
2506.00	39750	Low	LTE Band 41	20	21.62	0	B	QPSK	1	0	10 mm	bottom	1:1.58	0.267	25.37	
2506.00	39750	Low	LTE Band 41	20	21.78	0	B	QPSK	50	50	10 mm	bottom	1:1.58	0.255	25.73	
2506.00	39750	Low	LTE Band 41	20	21.62	0	B	QPSK	1	0	10 mm	left	1:1.58	0.326	24.50	
2506.00	39750	Low	LTE Band 41	20	21.78	0	B	QPSK	50	50	10 mm	left	1:1.58	0.339	24.49	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 21 of 51

Table A-46
DSI = 3 P_{Limit} Calculations – LTE Band 48 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3603.30	55773	Low-Mid	LTE Band 48	20	20.91	0	F	QPSK	1	99	10 mm	back	1:1.58	0.331	23.73	21.24
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	10 mm	back	1:1.58	0.332	23.74	
3603.30	55773	Low-Mid	LTE Band 48	20	20.91	0	F	QPSK	1	99	10 mm	front	1:1.58	0.221	25.48	
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	10 mm	front	1:1.58	0.219	25.55	
3603.30	55773	Low-Mid	LTE Band 48	20	20.91	0	F	QPSK	1	99	10 mm	top	1:1.58	0.275	24.53	
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	10 mm	top	1:1.58	0.275	24.56	
3560.00	55340	Low	LTE Band 48	20	20.89	0	F	QPSK	1	0	10 mm	left	1:1.58	0.548	21.52	
3603.30	55773	Low-Mid	LTE Band 48	20	20.91	0	F	QPSK	1	99	10 mm	left	1:1.58	0.556	21.48	
3646.70	56207	Mid-High	LTE Band 48	20	20.85	0	F	QPSK	1	99	10 mm	left	1:1.58	0.549	21.47	
3690.00	56640	High	LTE Band 48	20	20.53	0	F	QPSK	1	99	10 mm	left	1:1.58	0.535	21.26	
3560.00	55340	Low	LTE Band 48	20	20.93	0	F	QPSK	50	25	10 mm	left	1:1.58	0.561	21.46	
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	10 mm	left	1:1.58	0.566	21.43	
3646.70	56207	Mid-High	LTE Band 48	20	20.90	0	F	QPSK	50	25	10 mm	left	1:1.58	0.567	21.38	
3690.00	56640	High	LTE Band 48	20	20.60	0	F	QPSK	50	25	10 mm	left	1:1.58	0.546	21.24	
3603.30	55773	Low-Mid	LTE Band 48	20	20.85	0	F	QPSK	100	0	10 mm	left	1:1.58	0.551	21.45	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-47
DSI = 3 P_{Limit} Calculations – NR Band n71 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
680.50	136100	Mid	NR Band n71	20	24.13	A	0	DFT-S-OFDM	QPSK	1	104	10 mm	back	1:1	0.270	29.82	29.29
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.316	29.34	
680.50	136100	Mid	NR Band n71	20	22.73	A	1.5	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.221	29.29	
680.50	136100	Mid	NR Band n71	20	24.13	A	0	DFT-S-OFDM	QPSK	1	104	10 mm	front	1:1	0.184	31.48	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.198	31.37	
680.50	136100	Mid	NR Band n71	20	24.13	A	0	DFT-S-OFDM	QPSK	1	104	10 mm	bottom	1:1	0.042	37.90	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1:1	0.049	37.44	
680.50	136100	Mid	NR Band n71	20	24.13	A	0	DFT-S-OFDM	QPSK	1	104	10 mm	right	1:1	0.142	32.61	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.179	31.81	
680.50	136100	Mid	NR Band n71	20	24.13	A	0	DFT-S-OFDM	QPSK	1	104	10 mm	left	1:1	0.250	30.15	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	left	1:1	0.305	29.50	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 22 of 51

Table A-48
DSI = 3 P_{Limit} Calculations – NR Band n12 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
707.50	141500	Mid	NR Band n12	15	24.09	A	0	DFT-S-OFDM	QPSK	1	40	10 mm	back	1:1	0.450	27.56	27.37
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	10 mm	back	1:1	0.472	27.63	
707.50	141500	Mid	NR Band n12	15	22.71	A	1.5	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.342	27.37	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	DFT-S-OFDM	QPSK	1	40	10 mm	front	1:1	0.307	29.22	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	10 mm	front	1:1	0.341	29.04	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	DFT-S-OFDM	QPSK	1	40	10 mm	bottom	1:1	0.139	32.66	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	10 mm	bottom	1:1	0.145	32.76	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	DFT-S-OFDM	QPSK	1	40	10 mm	right	1:1	0.306	29.23	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	10 mm	right	1:1	0.322	29.29	
707.50	141500	Mid	NR Band n12	15	24.09	A	0	DFT-S-OFDM	QPSK	1	40	10 mm	left	1:1	0.256	30.01	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	10 mm	left	1:1	0.269	30.07	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-49
DSI = 3 P_{Limit} Calculations – NR Band n5 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.458	27.68	27.36
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.520	27.36	
836.50	167300	Mid	NR Band n5 (Cell)	20	22.82	A	1.5	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.330	27.63	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.271	29.96	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.288	29.93	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.122	33.43	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1:1	0.153	32.67	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.307	29.42	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.303	29.71	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.29	A	0	DFT-S-OFDM	QPSK	1	1	10 mm	left	1:1	0.192	31.46	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	10 mm	left	1:1	0.175	32.09	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 23 of 51

Table A-50
DSI = 3 P_{Limit} Calculations – NR Band n66 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.88	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	back	1:1	0.625	20.92	18.83
1745.00	349000	Mid	NR Band n66 (AWS)	40	19.00	A	0	DFT-S-OFDM	QPSK	108	108	10 mm	back	1:1	0.657	20.82	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.88	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	front	1:1	0.539	21.56	
1745.00	349000	Mid	NR Band n66 (AWS)	40	19.00	A	0	DFT-S-OFDM	QPSK	108	108	10 mm	front	1:1	0.540	21.68	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.88	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	bottom	1:1	0.906	19.31	
1745.00	349000	Mid	NR Band n66 (AWS)	40	19.00	A	0	DFT-S-OFDM	QPSK	108	108	10 mm	bottom	1:1	1.030	18.87	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.87	A	0	DFT-S-OFDM	QPSK	216	0	10 mm	bottom	1:1	1.010	18.83	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.76	A	0	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.898	19.23	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.88	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	right	1:1	0.059	31.17	
1745.00	349000	Mid	NR Band n66 (AWS)	40	19.00	A	0	DFT-S-OFDM	QPSK	108	108	10 mm	right	1:1	0.057	31.44	
1745.00	349000	Mid	NR Band n66 (AWS)	40	18.88	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	left	1:1	0.133	27.64	
1745.00	349000	Mid	NR Band n66 (AWS)	40	19.00	A	0	DFT-S-OFDM	QPSK	108	108	10 mm	left	1:1	0.140	27.54	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.63	I	0	DFT-S-OFDM	QPSK	1	214	10 mm	back	1:1	0.349	25.20	23.77
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	10 mm	back	1:1	0.336	25.43	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.63	I	0	DFT-S-OFDM	QPSK	1	214	10 mm	front	1:1	0.273	26.27	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	10 mm	front	1:1	0.281	26.20	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.63	I	0	DFT-S-OFDM	QPSK	1	214	10 mm	top	1:1	0.452	24.08	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	10 mm	top	1:1	0.460	24.06	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.56	I	0	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.477	23.77	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.63	I	0	DFT-S-OFDM	QPSK	1	214	10 mm	right	1:1	0.082	31.49	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	10 mm	right	1:1	0.096	30.87	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



FCC ID: A3LSMS906U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 24 of 51		

Table A-51
DSI = 3 P_{Limit} Calculations – NR Band n25 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.51	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	back	1:1	0.514	21.40	18.51
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.55	A	0	DFT-S-OFDM	QPSK	108	0	10 mm	back	1:1	0.528	21.32	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.51	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	front	1:1	0.397	22.52	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.55	A	0	DFT-S-OFDM	QPSK	108	0	10 mm	front	1:1	0.409	22.43	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.51	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	bottom	1:1	0.956	18.71	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.55	A	0	DFT-S-OFDM	QPSK	108	0	10 mm	bottom	1:1	0.964	18.71	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.50	A	0	DFT-S-OFDM	QPSK	216	0	10 mm	bottom	1:1	0.997	18.51	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.28	A	0	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.888	18.80	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.51	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	right	1:1	0.056	31.03	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.55	A	0	DFT-S-OFDM	QPSK	108	0	10 mm	right	1:1	0.060	30.77	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.51	A	0	DFT-S-OFDM	QPSK	1	108	10 mm	left	1:1	0.098	28.60	
1882.50	376500	Mid	NR Band n25 (PCS)	40	18.55	A	0	DFT-S-OFDM	QPSK	108	0	10 mm	left	1:1	0.104	28.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.95	I	0	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.316	25.95	22.71
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	10 mm	back	1:1	0.323	25.89	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.95	I	0	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.191	28.14	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	10 mm	front	1:1	0.203	27.91	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.95	I	0	DFT-S-OFDM	QPSK	1	1	10 mm	top	1:1	0.642	22.87	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	10 mm	top	1:1	0.667	22.74	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.96	I	0	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.668	22.71	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.95	I	0	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.136	29.61	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	10 mm	right	1:1	0.136	29.64	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	10 mm	right	1:1	0.136	29.64	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 25 of 51		

Table A-52
DSI = 3 P_{Limit} Calculations – NR Band n30 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2310.00	462000	Mid	NR Band n30	10	18.26	A	0	DFT-S-OFDM	QPSK	1	26	10 mm	back	1:1	0.283	23.74	20.35
2310.00	462000	Mid	NR Band n30	10	18.32	A	0	DFT-S-OFDM	QPSK	25	0	10 mm	back	1:1	0.291	23.68	
2310.00	462000	Mid	NR Band n30	10	18.26	A	0	DFT-S-OFDM	QPSK	1	26	10 mm	front	1:1	0.284	23.73	
2310.00	462000	Mid	NR Band n30	10	18.32	A	0	DFT-S-OFDM	QPSK	25	0	10 mm	front	1:1	0.294	23.64	
2310.00	462000	Mid	NR Band n30	10	18.26	A	0	DFT-S-OFDM	QPSK	1	26	10 mm	bottom	1:1	0.608	20.42	
2310.00	462000	Mid	NR Band n30	10	18.32	A	0	DFT-S-OFDM	QPSK	25	0	10 mm	bottom	1:1	0.613	20.45	
2310.00	462000	Mid	NR Band n30	10	18.22	A	0	DFT-S-OFDM	QPSK	50	0	10 mm	bottom	1:1	0.613	20.35	
2310.00	462000	Mid	NR Band n30	10	18.25	A	0	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.571	20.68	
2310.00	462000	Mid	NR Band n30	10	18.26	A	0	DFT-S-OFDM	QPSK	1	26	10 mm	right	1:1	0.028	33.79	
2310.00	462000	Mid	NR Band n30	10	18.32	A	0	DFT-S-OFDM	QPSK	25	0	10 mm	right	1:1	0.029	33.70	
2310.00	462000	Mid	NR Band n30	10	18.26	A	0	DFT-S-OFDM	QPSK	1	26	10 mm	left	1:1	0.083	29.07	
2310.00	462000	Mid	NR Band n30	10	18.32	A	0	DFT-S-OFDM	QPSK	25	0	10 mm	left	1:1	0.082	29.18	
2310.00	462000	Mid	NR Band n30	10	19.41	I	0	DFT-S-OFDM	QPSK	1	50	10 mm	back	1:1	0.167	27.18	24.54
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	10 mm	back	1:1	0.178	26.92	
2310.00	462000	Mid	NR Band n30	10	19.41	I	0	DFT-S-OFDM	QPSK	1	50	10 mm	front	1:1	0.111	28.96	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	10 mm	front	1:1	0.119	28.66	
2310.00	462000	Mid	NR Band n30	10	19.41	I	0	DFT-S-OFDM	QPSK	1	50	10 mm	top	1:1	0.291	24.77	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	10 mm	top	1:1	0.303	24.61	
2310.00	462000	Mid	NR Band n30	10	19.35	I	0	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.303	24.54	
2310.00	462000	Mid	NR Band n30	10	19.41	I	0	DFT-S-OFDM	QPSK	1	50	10 mm	right	1:1	0.055	32.01	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	10 mm	right	1:1	0.053	32.18	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-53
DSI = 3 P_{Limit} Calculations – NR Band n7 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2535.00	507000	Mid	NR Band n7	40	19.81	B	0	DFT-S-OFDM	QPSK	1	108	10 mm	back	1:1	0.304	24.98	23.33
2535.00	507000	Mid	NR Band n7	40	19.80	B	0	DFT-S-OFDM	QPSK	108	108	10 mm	back	1:1	0.305	24.96	
2535.00	507000	Mid	NR Band n7	40	19.81	B	0	DFT-S-OFDM	QPSK	1	108	10 mm	front	1:1	0.222	26.35	
2535.00	507000	Mid	NR Band n7	40	19.80	B	0	DFT-S-OFDM	QPSK	108	108	10 mm	front	1:1	0.235	26.09	
2535.00	507000	Mid	NR Band n7	40	19.81	B	0	DFT-S-OFDM	QPSK	1	108	10 mm	bottom	1:1	0.411	23.67	
2535.00	507000	Mid	NR Band n7	40	19.80	B	0	DFT-S-OFDM	QPSK	108	108	10 mm	bottom	1:1	0.444	23.33	
2535.00	507000	Mid	NR Band n7	40	19.84	B	0	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.341	24.51	
2535.00	507000	Mid	NR Band n7	40	19.81	B	0	DFT-S-OFDM	QPSK	1	108	10 mm	left	1:1	0.348	24.39	
2535.00	507000	Mid	NR Band n7	40	19.80	B	0	DFT-S-OFDM	QPSK	108	108	10 mm	left	1:1	0.345	24.42	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 26 of 51

Table A-54
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.336	24.91	23.28
2592.99	518598	Mid	NR Band n41	100	20.16	I	0	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.337	24.88	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.173	27.79	
2592.99	518598	Mid	NR Band n41	100	20.16	I	0	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.175	27.73	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.485	23.31	
2592.99	518598	Mid	NR Band n41	100	20.16	I	0	DFT-S-OFDM	QPSK	135	69	10 mm	top	1:1	0.478	23.37	
2592.99	518598	Mid	NR Band n41	100	20.15	I	0	DFT-S-OFDM	QPSK	270	0	10 mm	top	1:1	0.484	23.30	
2592.99	518598	Mid	NR Band n41	100	20.07	I	0	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.478	23.28	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	10 mm	right	1:1	0.062	32.25	
2592.99	518598	Mid	NR Band n41	100	20.16	I	0	DFT-S-OFDM	QPSK	135	69	10 mm	right	1:1	0.065	32.03	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.267	22.11	21.30
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.151	24.59	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.322	21.30	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.047	29.66	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.029	30.66	30.09
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.033	30.09	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	10 mm	top	1:1	0.015	33.52	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.011	34.87	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.039	27.31	27.31
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.004	37.20	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.015	31.46	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	right	1:1	0.003	38.45	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



FCC ID: A3LSMS906U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 27 of 51		

Table A-55
DSI = 3 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	10 mm	back	1:1	0.086	28.44	24.73
3500.01	633334	Mid	NR Band n77 DoD	100	17.58	F	0	DFT-S-OFDM	QPSK	135	138	10 mm	back	1:1	0.080	28.55	
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	10 mm	front	1:1	0.059	30.07	
3500.01	633334	Mid	NR Band n77 DoD	100	17.58	F	0	DFT-S-OFDM	QPSK	135	138	10 mm	front	1:1	0.057	30.02	
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	10 mm	top	1:1	0.052	30.62	
3500.01	633334	Mid	NR Band n77 DoD	100	17.58	F	0	DFT-S-OFDM	QPSK	135	138	10 mm	top	1:1	0.059	29.87	
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	10 mm	left	1:1	0.202	24.73	
3500.01	633334	Mid	NR Band n77 DoD	100	17.58	F	0	DFT-S-OFDM	QPSK	135	138	10 mm	left	1:1	0.182	24.98	
3500.01	633334	Mid	NR Band n77 DoD	100	17.53	F	0	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.137	26.16	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.053	23.40	21.15
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.032	25.59	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.014	29.18	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.089	21.15	
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.068	27.36	27.36
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.000	55.69	
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	10 mm	top	1:1	0.000	55.69	17.95
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.243	17.95	
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.013	30.67	
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.048	25.00	
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	right	1:1	0.014	30.35	20.90
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.261	23.54	
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.254	23.55	
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.133	26.47	
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.133	26.36	
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.075	28.96	
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	10 mm	top	1:1	0.074	28.91	
3750.00	650000	Low	NR Band n77	100	17.55	F	0	DFT-S-OFDM	QPSK	1	137	10 mm	left	1:1	0.302	22.75	
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	10 mm	left	1:1	0.435	21.33	
3750.00	650000	Low	NR Band n77	100	17.50	F	0	DFT-S-OFDM	QPSK	135	69	10 mm	left	1:1	0.321	22.43	
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	10 mm	left	1:1	0.452	21.05	
3930.00	662000	High	NR Band n77	100	17.44	F	0	DFT-S-OFDM	QPSK	270	0	10 mm	left	1:1	0.451	20.90	
3930.00	662000	High	NR Band n77	100	17.70	F	0	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.430	21.37	32.28
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.006	33.53	
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.000	51.31	
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.000	51.31	
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.008	32.28	23.85
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.143	23.85	
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.002	42.39	
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	10 mm	top	1:1	0.012	34.61	20.75
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.145	20.75	
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.002	39.35	
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	11 mm	bottom	1:1	0.016	30.32	
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	11 mm	right	1:1	0.000	52.36	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 28 of 51		

Table A-56
DSI = 0 P_{Limit} Calculations – GPRS 850 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
848.80	251	GSM 850	GPRS	29.82	8 mm	A	3	1:2.76	back	0.411	33.23	33.23
848.80	251	GSM 850	GPRS	29.82	6 mm	A	3	1:2.76	front	0.325	34.25	
848.80	251	GSM 850	GPRS	29.82	11 mm	A	3	1:2.76	bottom	0.066	41.17	
848.80	251	GSM 850	GPRS	29.82	0 mm	A	3	1:2.76	right	0.237	35.62	
848.80	251	GSM 850	GPRS	29.82	0 mm	A	3	1:2.76	left	0.235	35.66	

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-57
DSI = 0 P_{Limit} Calculations – GPRS 1900 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
1880.00	661	GSM 1900	GPRS	26.22	8 mm	A	3	1:2.76	back	0.419	29.55	28.20
1880.00	661	GSM 1900	GPRS	26.22	6 mm	A	3	1:2.76	front	0.547	28.39	
1880.00	661	GSM 1900	GPRS	26.22	11 mm	A	3	1:2.76	bottom	0.571	28.20	
1880.00	661	GSM 1900	GPRS	26.22	0 mm	A	3	1:2.76	right	0.191	32.96	
1880.00	661	GSM 1900	GPRS	26.22	0 mm	A	3	1:2.76	left	0.376	30.02	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-58
DSI = 0 P_{Limit} Calculations – UMTS B5 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.								(W/kg)			
826.40	4132	UMTS 850	RMC	24.13	8 mm	A	1:1	back	0.408	32.00	32.00	
826.40	4132	UMTS 850	RMC	24.13	6 mm	A	1:1	front	0.333	32.88		
826.40	4132	UMTS 850	RMC	24.13	11 mm	A	1:1	bottom	0.068	39.78		
826.40	4132	UMTS 850	RMC	24.13	0 mm	A	1:1	right	0.252	34.10		
826.40	4132	UMTS 850	RMC	24.13	0 mm	A	1:1	left	0.253	34.08		

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 29 of 51

Table A-59
DSI = 0 P_{Limit} Calculations – UMTS B4 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1732.40	1412	UMTS 1750	RMC	23.43	8 mm	A	1:1	back	1.010	27.37	27.08
1732.40	1412	UMTS 1750	RMC	23.43	6 mm	A	1:1	front	1.080	27.08	
1732.40	1412	UMTS 1750	RMC	23.43	11 mm	A	1:1	bottom	0.998	27.42	
1732.40	1412	UMTS 1750	RMC	23.43	0 mm	A	1:1	right	0.307	32.54	
1732.40	1412	UMTS 1750	RMC	23.43	0 mm	A	1:1	left	0.674	29.12	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-60
DSI = 0 P_{Limit} Calculations – UMTS B2 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	9400	UMTS 1900	RMC	23.31	8 mm	A	1:1	back	0.885	27.82	26.61
1880.00	9400	UMTS 1900	RMC	23.31	6 mm	A	1:1	front	1.170	26.61	
1880.00	9400	UMTS 1900	RMC	23.31	11 mm	A	1:1	bottom	1.060	27.04	
1880.00	9400	UMTS 1900	RMC	23.31	0 mm	A	1:1	right	0.350	31.85	
1880.00	9400	UMTS 1900	RMC	23.31	0 mm	A	1:1	left	0.585	29.62	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-61
DSI = 0 P_{Limit} Calculations – LTE Band 71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	back	1:1	0.300	33.61	33.61
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	front	1:1	0.226	34.84	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	bottom	1:1	0.051	41.30	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	right	1:1	0.191	35.57	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	left	1:1	0.193	35.52	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 30 of 51

Table A-62
DSI = 0 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	back	1:1	0.336	33.17	33.17
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	front	1:1	0.257	34.33	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	bottom	1:1	0.055	41.03	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	right	1:1	0.208	35.25	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	left	1:1	0.209	35.23	

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-63
DSI = 0 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	back	1:1	0.390	32.85	32.85
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	front	1:1	0.302	33.96	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	bottom	1:1	0.058	41.13	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	right	1:1	0.224	35.26	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	left	1:1	0.226	35.22	

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-64
DSI = 0 P_{Limit} Calculations – LTE Band 14 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	back	1:1	0.422	32.81	32.81
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	front	1:1	0.326	33.93	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	bottom	1:1	0.065	40.93	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	right	1:1	0.264	34.84	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	left	1:1	0.262	34.88	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 31 of 51

Table A-65
DSI = 0 P_{Limit} Calculations – LTE Band 26 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	back	1:1	0.435	31.90	31.90
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	front	1:1	0.347	32.89	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	bottom	1:1	0.073	39.66	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	right	1:1	0.258	34.17	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	left	1:1	0.260	34.14	

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-66
DSI = 0 P_{Limit} Calculations – LTE Band 5 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	back	1:1	0.461	32.38	32.38
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	front	1:1	0.376	33.27	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	bottom	1:1	0.080	39.99	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	right	1:1	0.298	34.28	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	left	1:1	0.298	34.28	

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-67
DSI = 0 P_{Limit} Calculations – LTE Band 66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	8 mm	back	1:1	0.921	27.39	26.72
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	8 mm	back	1:1	0.744	27.37	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	6 mm	front	1:1	0.973	27.15	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	6 mm	front	1:1	0.774	27.20	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	11 mm	bottom	1:1	1.050	26.82	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	11 mm	bottom	1:1	0.864	26.72	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	0 mm	right	1:1	0.350	31.59	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	0 mm	right	1:1	0.273	31.73	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	0 mm	left	1:1	0.681	28.70	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	0 mm	left	1:1	0.570	28.53	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 32 of 51

Table A-68
DSI = 0 P_{Limit} Calculations – LTE Band 25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	Low												(W/kg)		
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	8 mm	back	1:1	0.936	27.55	26.97
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	8 mm	back	1:1	0.738	27.51	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	6 mm	front	1:1	1.030	27.13	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	6 mm	front	1:1	0.807	27.12	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	11 mm	bottom	1:1	1.070	26.97	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	11 mm	bottom	1:1	0.829	27.00	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	0 mm	right	1:1	0.361	31.68	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	0 mm	right	1:1	0.280	31.72	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	0 mm	left	1:1	0.615	29.37	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	0 mm	left	1:1	0.491	29.28	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-69
DSI = 0 P_{Limit} Calculations – LTE Band 30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	8 mm	back	1:1	0.539	28.84	26.91
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	8 mm	back	1:1	0.440	28.76	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	6 mm	front	1:1	0.617	28.26	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	6 mm	front	1:1	0.496	28.24	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	11 mm	bottom	1:1	0.650	28.03	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	11 mm	bottom	1:1	0.526	27.99	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	0 mm	right	1:1	0.203	33.08	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	0 mm	right	1:1	0.169	32.92	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	0 mm	left	1:1	0.838	26.93	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	0 mm	left	1:1	0.674	26.91	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 33 of 51

Table A-70
DSI = 0 P_{Limit} Calculations – LTE Band 7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2535.00	21100	Mid	LTE Band 7	20	22.26	0	B	QPSK	1	50	8 mm	back	1:1	0.334	31.00	23.48
2535.00	21100	Mid	LTE Band 7	20	22.18	0	B	QPSK	50	50	8 mm	back	1:1	0.327	31.01	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	B	QPSK	1	50	6 mm	front	1:1	0.362	30.65	
2535.00	21100	Mid	LTE Band 7	20	22.18	0	B	QPSK	50	50	6 mm	front	1:1	0.354	30.67	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	B	QPSK	1	50	11 mm	bottom	1:1	0.326	31.11	
2535.00	21100	Mid	LTE Band 7	20	22.18	0	B	QPSK	50	50	11 mm	bottom	1:1	0.314	31.19	
2510.00	20850	Low	LTE Band 7	20	22.16	0	B	QPSK	1	50	0 mm	left	1:1	1.760	23.68	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	B	QPSK	1	50	0 mm	left	1:1	1.870	23.52	
2560.00	21350	High	LTE Band 7	20	22.25	0	B	QPSK	1	99	0 mm	left	1:1	1.730	23.85	
2510.00	20850	Low	LTE Band 7	20	22.10	0	B	QPSK	50	25	0 mm	left	1:1	1.680	23.83	
2535.00	21100	Mid	LTE Band 7	20	22.18	0	B	QPSK	50	50	0 mm	left	1:1	1.810	23.58	
2560.00	21350	High	LTE Band 7	20	22.04	0	B	QPSK	50	0	0 mm	left	1:1	1.710	23.69	
2535.00	21100	Mid	LTE Band 7	20	21.98	0	B	QPSK	100	0	0 mm	left	1:1	1.770	23.48	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-71
DSI = 0 P_{Limit} Calculations – LTE Band 41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2506.00	39750	Low	LTE Band 41	20	23.54	0	B	QPSK	1	50	8 mm	back	1:1.58	0.336	30.27	22.99
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	B	QPSK	50	25	8 mm	back	1:1.58	0.267	30.29	
2506.00	39750	Low	LTE Band 41	20	23.54	0	B	QPSK	1	50	6 mm	front	1:1.58	0.307	30.66	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	B	QPSK	50	25	6 mm	front	1:1.58	0.245	30.66	
2506.00	39750	Low	LTE Band 41	20	23.54	0	B	QPSK	1	50	11 mm	bottom	1:1.58	0.182	32.93	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	B	QPSK	50	25	11 mm	bottom	1:1.58	0.142	33.03	
2506.00	39750	Low	LTE Band 41	20	23.54	0	B	QPSK	1	50	0 mm	left	1:1.58	1.720	23.18	
2506.00	39750	Low	LTE Band 41	20	23.35	0	B	QPSK	1	99	0 mm	left	1:1.58	1.720	22.99	
2549.50	40185	Low-Mid	LTE Band 41	20	23.49	0	B	QPSK	1	50	0 mm	left	1:1.58	1.450	23.87	
2593.00	40620	Mid	LTE Band 41	20	23.50	0	B	QPSK	1	50	0 mm	left	1:1.58	1.370	24.13	
2636.50	41055	Mid-High	LTE Band 41	20	23.50	0	B	QPSK	1	50	0 mm	left	1:1.58	0.922	25.85	
2680.00	41490	High	LTE Band 41	20	23.40	0	B	QPSK	1	50	0 mm	left	1:1.58	0.889	25.91	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	B	QPSK	50	25	0 mm	left	1:1.58	1.350	23.25	
2549.50	40185	Low-Mid	LTE Band 41	20	22.42	0.5	B	QPSK	50	25	0 mm	left	1:1.58	1.180	23.70	
2593.00	40620	Mid	LTE Band 41	20	22.46	0.5	B	QPSK	50	25	0 mm	left	1:1.58	1.110	24.00	
2636.50	41055	Mid-High	LTE Band 41	20	22.55	0.5	B	QPSK	50	25	0 mm	left	1:1.58	0.748	25.81	
2680.00	41490	High	LTE Band 41	20	22.45	0.5	B	QPSK	50	25	0 mm	left	1:1.58	0.720	25.87	
2506.00	39750	Low	LTE Band 41	20	22.45	0.5	B	QPSK	100	0	0 mm	left	1:1.58	1.270	23.41	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 34 of 51

Table A-72
DSI = 0 P_{Limit} Calculations – LTE Band 48 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	8 mm	back	1:1.58	1.700	20.63	20.63
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	6 mm	front	1:1.58	0.434	26.56	
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	0 mm	top	1:1.58	0.181	30.36	
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	0 mm	left	1:1.58	0.838	23.70	

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-73
DSI = 0 P_{Limit} Calculations – NR Band n71 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	8 mm	back	1:1	0.209	35.12	35.12
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	6 mm	front	1:1	0.179	35.79	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	11 mm	bottom	1:1	0.073	39.69	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.126	37.32	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.072	39.75	

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-74
DSI = 0 P_{Limit} Calculations – NR Band n12 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	8 mm	back	1:1	0.250	34.37	34.37
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	6 mm	front	1:1	0.174	35.94	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	11 mm	bottom	1:1	0.063	40.36	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	0 mm	right	1:1	0.094	38.62	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	0 mm	left	1:1	0.073	39.72	

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-75
DSI = 0 P_{Limit} Calculations – NR Band n5 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	8 mm	back	1:1	0.430	32.16	32.16
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	6 mm	front	1:1	0.301	33.71	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	11 mm	bottom	1:1	0.126	37.50	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.240	34.70	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.120	37.71	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 35 of 51

Table A-76
DSI = 0 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	8 mm	back	1:1	1.270	26.13	25.93
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	8 mm	back	1:1	1.330	26.06	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	6 mm	front	1:1	1.320	25.96	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	6 mm	front	1:1	1.370	25.93	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	11 mm	bottom	1:1	1.160	26.52	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	11 mm	bottom	1:1	1.230	26.40	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	right	1:1	0.366	31.53	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.392	31.37	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	left	1:1	0.927	27.50	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.983	27.37	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	back	1:1	0.901	25.12	21.05
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	front	1:1	1.240	23.74	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	top	1:1	2.300	21.05	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.183	32.04	

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-77
DSI = 0 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	8 mm	back	1:1	0.954	27.38	25.41
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	8 mm	back	1:1	0.994	27.02	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	6 mm	front	1:1	1.040	27.01	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	6 mm	front	1:1	1.100	26.58	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	11 mm	bottom	1:1	1.370	25.81	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	11 mm	bottom	1:1	1.440	25.41	
1882.50	376500	Mid	NR Band n25 (PCS)	40	22.44	A	0	DFT-S-OFDM	QPSK	216	0	11 mm	bottom	1:1	1.150	25.81	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	right	1:1	0.309	32.28	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.333	31.76	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	left	1:1	0.626	29.21	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.665	28.76	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.943	25.21	20.50
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	front	1:1	1.310	23.79	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.95	I	0	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	2.690	20.63	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	2.790	20.50	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.94	I	0	DFT-S-OFDM	QPSK	216	0	0 mm	top	1:1	2.760	20.51	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.96	I	0	CP-OFDM	QPSK	1	1	0 mm	top	1:1	2.640	20.72	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.192	32.13	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 36 of 51

Table A-78
DSI = 0 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	8 mm	back	1:1	0.469	28.89	26.46
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	8 mm	back	1:1	0.493	28.69	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	6 mm	front	1:1	0.584	27.94	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	6 mm	front	1:1	0.604	27.81	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	11 mm	bottom	1:1	0.652	27.46	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	11 mm	bottom	1:1	0.655	27.46	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	0 mm	right	1:1	0.205	32.48	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	0 mm	right	1:1	0.210	32.40	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	0 mm	left	1:1	0.790	26.62	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	0 mm	left	1:1	0.824	26.46	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	back	1:1	0.913	23.79	20.18
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	front	1:1	1.200	22.61	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	top	1:1	2.100	20.18	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	right	1:1	0.134	32.13	

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-79
DSI = 0 P_{Limit} Calculations – NR Band n7 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	DFT-S-OFDM	QPSK	1	108	8 mm	back	1:1	0.301	31.24	22.93
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	DFT-S-OFDM	QPSK	108	108	8 mm	back	1:1	0.301	31.30	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	DFT-S-OFDM	QPSK	1	108	6 mm	front	1:1	0.322	30.95	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	DFT-S-OFDM	QPSK	108	108	6 mm	front	1:1	0.326	30.96	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	DFT-S-OFDM	QPSK	1	108	11 mm	bottom	1:1	0.283	31.51	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	DFT-S-OFDM	QPSK	108	108	11 mm	bottom	1:1	0.309	31.19	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	DFT-S-OFDM	QPSK	1	108	0 mm	left	1:1	2.040	22.93	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	DFT-S-OFDM	QPSK	108	108	0 mm	left	1:1	1.960	23.17	
2535.00	507000	Mid	NR Band n7	40	22.01	B	0	DFT-S-OFDM	QPSK	216	0	0 mm	left	1:1	1.900	23.20	
2535.00	507000	Mid	NR Band n7	40	21.38	B	0.5	CP-OFDM	QPSK	1	1	0 mm	left	1:1	1.570	23.40	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 37 of 51

Table A-80
DSI = 0 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.330	22.91	20.01
2592.99	518598	Mid	NR Band n41	100	20.16	I	0	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	1.320	22.934	
2592.99	518598	Mid	NR Band n41	100	20.15	I	0	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	1.320	22.924	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.980	24.24	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	2.540	20.10	
2592.99	518598	Mid	NR Band n41	100	20.16	I	0	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	2.520	20.13	
2592.99	518598	Mid	NR Band n41	100	20.15	I	0	DFT-S-OFDM	QPSK	270	0	0 mm	top	1:1	2.580	20.01	
2592.99	518598	Mid	NR Band n41	100	20.07	I	0	CP-OFDM	QPSK	1	1	0 mm	top	1:1	2.520	20.04	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.174	31.74	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	8 mm	back	1:1	0.308	25.47	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	6 mm	front	1:1	0.492	23.44	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	11 mm	bottom	1:1	0.612	22.49	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.652	22.22	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.187	26.54	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.142	27.74	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.024	35.46	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.112	28.77	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.142	25.68	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.010	37.20	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.038	31.40	
2592.99	518598	Mid	NR Band n41	100	13.22	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	0.001	47.20	

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.



FCC ID: A3LSMS906U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 38 of 51

Table A-81
DSI = 0 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	Scaling Factor	SAR (10g)	Plimit	Overall Plimit		
MHz	Ch.														(W/kg)				
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	1.052	0.819	22.63	19.55	
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	front	1:1	1.052	0.723	23.17		
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	top	1:1	1.052	0.143	30.21		
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	1.052	1.630	19.64		
3500.01	633334	Mid	NR Band n77 DoD	100	17.58	F	0	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	1.102	1.590	19.545		
3500.01	633334	Mid	NR Band n77 DoD	100	17.53	F	0	CP-OFDM	QPSK	1	1	0 mm	left	1:1	1.114	1.330	20.271		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.368	0.543	17.27	17.27	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.368	0.056	27.14		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	1.368	0.119	23.86		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	1.368	0.001	44.62		
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.074	1.020	19.58		19.58
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.074	0.001	49.67		
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	1.074	0.016	37.63		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.172	0.647	17.88	17.68	
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.172	0.211	22.55		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	1.172	0.043	29.45		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	1.172	0.001	45.79		
3750.00	650000	Low	NR Band n77	100	17.55	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.109	1.090	21.16		17.85
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.069	0.996	21.71		
3750.00	650000	Low	NR Band n77	100	17.50	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	1.122	1.080	21.15		
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	1.096	1.040	21.41		
3930.00	662000	High	NR Band n77	100	17.44	F	0	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	1.138	0.852	22.12		
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.069	1.030	21.56		
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	1.069	0.670	23.43		
3750.00	650000	Low	NR Band n77	100	17.55	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	1.109	2.090	18.33		
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	1.069	2.380	17.92		
3750.00	650000	Low	NR Band n77	100	17.50	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	1.122	2.090	18.28		
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	1.096	2.360	17.85		
3930.00	662000	High	NR Band n77	100	17.44	F	0	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	1.138	1.810	18.84		
3930.00	662000	High	NR Band n77	100	17.70	F	0	CP-OFDM	QPSK	1	1	0 mm	left	1:1	1.072	2.400	17.88		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.172	0.177	22.81	22.81	
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.172	0.001	45.29		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	1.172	0.027	30.98		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	1.172	0.001	45.29		
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.148	0.728	20.76	20.76	
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.148	0.001	49.38		
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	1.148	0.001	49.38		
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.033	0.030	31.57	31.57	
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.033	0.016	34.30		
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	1.033	0.001	46.34		
3930.00	662000	High	NR Band n77	100	12.36	D	N/A	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	1.033	0.001	46.34		

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.




FCC ID: A3LSMS906U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 39 of 51

Table A-82
DSI = 1 P_{Limit} Calculations – GPRS 850 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
848.80	251	GSM 850	GPRS	29.82	0 mm	A	3	1:2.76	back	1.290	28.26	28.26
848.80	251	GSM 850	GPRS	29.82	0 mm	A	3	1:2.76	front	0.964	29.53	
848.80	251	GSM 850	GPRS	29.82	0 mm	A	3	1:2.76	bottom	0.969	29.51	
848.80	251	GSM 850	GPRS	29.82	0 mm	A	3	1:2.76	right	0.237	35.62	
848.80	251	GSM 850	GPRS	29.82	0 mm	A	3	1:2.76	left	0.235	35.66	

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-83
DSI = 1 P_{Limit} Calculations – GPRS 1900 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
1880.00	661	GSM 1900	GPRS	21.29	0 mm	A	4	1:2.076	back	1.110	21.64	20.46
1880.00	661	GSM 1900	GPRS	21.29	0 mm	A	4	1:2.076	front	1.020	22.00	
1850.20	512	GSM 1900	GPRS	21.25	0 mm	A	4	1:2.076	bottom	1.150	21.44	
1880.00	661	GSM 1900	GPRS	21.29	0 mm	A	4	1:2.076	bottom	1.270	21.05	
1909.80	810	GSM 1900	GPRS	21.00	0 mm	A	4	1:2.076	bottom	1.360	20.46	
1880.00	661	GSM 1900	GPRS	26.22	0 mm	A	3	1:2.76	right	0.191	32.96	
1880.00	661	GSM 1900	GPRS	26.22	0 mm	A	3	1:2.76	left	0.376	30.02	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-84
DSI = 1 P_{Limit} Calculations – UMTS B5 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.								(W/kg)			
826.40	4132	UMTS 850	RMC	24.13	0 mm	A	1:1	back	1.430	26.56	26.56	
826.40	4132	UMTS 850	RMC	24.13	0 mm	A	1:1	front	1.130	27.58		
826.40	4132	UMTS 850	RMC	24.13	0 mm	A	1:1	bottom	1.100	27.70		
826.40	4132	UMTS 850	RMC	24.13	0 mm	A	1:1	right	0.252	34.10		
826.40	4132	UMTS 850	RMC	24.13	0 mm	A	1:1	left	0.253	34.08		

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 40 of 51

Table A-85
DSI = 1 P_{Limit} Calculations – UMTS B4 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1712.40	1312	UMTS 1750	RMC	21.65	0 mm	A	1:1	back	2.100	22.41	21.02
1732.40	1412	UMTS 1750	RMC	21.69	0 mm	A	1:1	back	2.290	22.07	
1752.60	1513	UMTS 1750	RMC	21.64	0 mm	A	1:1	back	2.290	22.02	
1712.40	1312	UMTS 1750	RMC	21.65	0 mm	A	1:1	front	1.940	22.75	
1732.40	1412	UMTS 1750	RMC	21.69	0 mm	A	1:1	front	2.090	22.47	
1752.60	1513	UMTS 1750	RMC	21.64	0 mm	A	1:1	front	1.980	22.65	
1712.40	1312	UMTS 1750	RMC	21.65	0 mm	A	1:1	bottom	2.890	21.02	
1732.40	1412	UMTS 1750	RMC	21.69	0 mm	A	1:1	bottom	2.920	21.02	
1752.60	1513	UMTS 1750	RMC	21.64	0 mm	A	1:1	bottom	2.810	21.13	
1732.40	1412	UMTS 1750	RMC	23.43	0 mm	A	1:1	right	0.307	32.54	
1732.40	1412	UMTS 1750	RMC	23.43	0 mm	A	1:1	left	0.674	29.12	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-86
DSI = 1 P_{Limit} Calculations – UMTS B2 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1852.40	9262	UMTS 1900	RMC	21.32	0 mm	A	1:1	back	2.260	21.76	21.13
1880.00	9400	UMTS 1900	RMC	21.34	0 mm	A	1:1	back	2.350	21.61	
1907.60	9538	UMTS 1900	RMC	21.35	0 mm	A	1:1	back	2.330	21.66	
1852.40	9262	UMTS 1900	RMC	21.32	0 mm	A	1:1	front	1.960	22.38	
1880.00	9400	UMTS 1900	RMC	21.34	0 mm	A	1:1	front	1.930	22.46	
1907.60	9538	UMTS 1900	RMC	21.35	0 mm	A	1:1	front	2.040	22.23	
1852.40	9262	UMTS 1900	RMC	21.32	0 mm	A	1:1	bottom	2.610	21.13	
1880.00	9400	UMTS 1900	RMC	21.34	0 mm	A	1:1	bottom	2.410	21.50	
1907.60	9538	UMTS 1900	RMC	21.35	0 mm	A	1:1	bottom	2.560	21.25	
1880.00	9400	UMTS 1900	RMC	23.31	0 mm	A	1:1	right	0.350	31.85	
1880.00	9400	UMTS 1900	RMC	23.31	0 mm	A	1:1	left	0.585	29.62	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 41 of 51

Table A-87
DSI = 1 P_{Limit} Calculations – LTE Band 71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	back	1:1	1.270	27.34	27.34
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	front	1:1	1.040	28.21	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	bottom	1:1	0.988	28.43	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	right	1:1	0.191	35.57	
680.50	133297	Mid	LTE Band 71	20	24.40	0	A	QPSK	1	0	0 mm	left	1:1	0.193	35.52	

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-88
DSI = 1 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	back	1:1	1.360	27.09	27.09
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	front	1:1	1.140	27.86	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	bottom	1:1	1.140	27.86	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	right	1:1	0.208	35.25	
707.50	23095	Mid	LTE Band 12	10	24.45	0	A	QPSK	1	25	0 mm	left	1:1	0.209	35.23	

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-89
DSI = 1 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	back	1:1	1.330	27.52	27.52
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	front	1:1	1.140	28.19	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	bottom	1:1	1.210	27.93	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	right	1:1	0.224	35.26	
782.00	23230	Mid	LTE Band 13	10	24.78	0	A	QPSK	1	49	0 mm	left	1:1	0.226	35.22	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 42 of 51

Table A-90
DSI = 1 P_{Limit} Calculations – LTE Band 14 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	back	1:1	1.280	27.99	27.99
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	front	1:1	1.100	28.65	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	bottom	1:1	1.050	28.85	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	right	1:1	0.264	34.84	
793.00	23330	Mid	LTE Band 14	10	25.08	0	A	QPSK	1	49	0 mm	left	1:1	0.262	34.88	

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-91
DSI = 1 P_{Limit} Calculations – LTE Band 26 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	back	1:1	1.580	26.30	26.30
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	front	1:1	1.170	27.61	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	bottom	1:1	1.300	27.15	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	right	1:1	0.258	34.17	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.31	0	A	QPSK	1	36	0 mm	left	1:1	0.260	34.14	

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-92
DSI = 1 P_{Limit} Calculations – LTE Band 5 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	back	1:1	1.640	26.87	26.87
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	front	1:1	1.260	28.02	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	bottom	1:1	1.220	28.16	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	right	1:1	0.298	34.28	
836.50	20525	Mid	LTE Band 5 (Cell)	10	25.04	0	A	QPSK	1	0	0 mm	left	1:1	0.298	34.28	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 43 of 51

Table A-93
DSI = 1 P_{Limit} Calculations – LTE Band 66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
1745.00	132322	Mid	LTE Band 66 (AWS)	20	20.20	0	A	QPSK	1	50	0 mm	back	1:1	1.130	23.65	21.30
1745.00	132322	Mid	LTE Band 66 (AWS)	20	20.05	0	A	QPSK	50	25	0 mm	back	1:1	1.130	23.50	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	20.20	0	A	QPSK	1	50	0 mm	front	1:1	1.450	22.57	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	20.05	0	A	QPSK	50	25	0 mm	front	1:1	1.440	22.45	
1720.00	132072	Low	LTE Band 66 (AWS)	20	20.04	0	A	QPSK	1	50	0 mm	bottom	1:1	1.840	21.37	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	20.20	0	A	QPSK	1	50	0 mm	bottom	1:1	1.930	21.32	
1770.00	132572	High	LTE Band 66 (AWS)	20	20.04	0	A	QPSK	1	50	0 mm	bottom	1:1	1.680	21.77	
1720.00	132072	Low	LTE Band 66 (AWS)	20	20.02	0	A	QPSK	50	25	0 mm	bottom	1:1	1.860	21.30	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	20.05	0	A	QPSK	50	25	0 mm	bottom	1:1	1.830	21.40	
1770.00	132572	High	LTE Band 66 (AWS)	20	20.00	0	A	QPSK	50	25	0 mm	bottom	1:1	1.690	21.70	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	19.98	0	A	QPSK	100	0	0 mm	bottom	1:1	1.780	21.46	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	0 mm	right	1:1	0.350	31.59	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	0 mm	right	1:1	0.273	31.73	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.05	0	A	QPSK	1	99	0 mm	left	1:1	0.681	28.70	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.11	0.5	A	QPSK	50	25	0 mm	left	1:1	0.570	28.53	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-94
DSI = 1 P_{Limit} Calculations – LTE Band 25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	Low												(W/kg)		
1860.00	26140	Low	LTE Band 25 (PCS)	20	19.62	0	A	QPSK	1	99	0 mm	back	1:1	1.560	21.67	20.79
1882.50	26365	Mid	LTE Band 25 (PCS)	20	19.92	0	A	QPSK	1	50	0 mm	back	1:1	1.580	21.91	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.67	0	A	QPSK	1	99	0 mm	back	1:1	1.580	21.66	
1860.00	26140	Low	LTE Band 25 (PCS)	20	19.79	0	A	QPSK	50	25	0 mm	back	1:1	1.570	21.81	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	19.81	0	A	QPSK	50	25	0 mm	back	1:1	1.550	21.89	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.77	0	A	QPSK	50	0	0 mm	back	1:1	1.580	21.76	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.80	0	A	QPSK	100	0	0 mm	back	1:1	1.540	21.90	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	19.92	0	A	QPSK	1	50	0 mm	front	1:1	1.490	22.17	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	19.81	0	A	QPSK	50	25	0 mm	front	1:1	1.490	22.06	
1860.00	26140	Low	LTE Band 25 (PCS)	20	19.62	0	A	QPSK	1	99	0 mm	bottom	1:1	1.910	20.79	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	19.92	0	A	QPSK	1	50	0 mm	bottom	1:1	1.930	21.04	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.67	0	A	QPSK	1	99	0 mm	bottom	1:1	1.840	21.00	
1860.00	26140	Low	LTE Band 25 (PCS)	20	19.79	0	A	QPSK	50	25	0 mm	bottom	1:1	1.950	20.87	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	19.81	0	A	QPSK	50	25	0 mm	bottom	1:1	1.920	20.96	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.77	0	A	QPSK	50	0	0 mm	bottom	1:1	1.860	21.05	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.80	0	A	QPSK	100	0	0 mm	bottom	1:1	1.800	21.23	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	0 mm	right	1:1	0.361	31.68	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	0 mm	right	1:1	0.280	31.72	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.28	0	A	QPSK	1	50	0 mm	left	1:1	0.615	29.37	
1860.00	26140	Low	LTE Band 25 (PCS)	20	22.21	1	A	QPSK	50	25	0 mm	left	1:1	0.491	29.28	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 44 of 51

Table A-95
DSI = 1 P_{Limit} Calculations – LTE Band 30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2310.00	27710	Mid	LTE Band 30	10	20.82	0	A	QPSK	1	0	0 mm	back	1:1	2.010	21.77	21.68
2310.00	27710	Mid	LTE Band 30	10	20.81	0	A	QPSK	25	12	0 mm	back	1:1	2.040	21.69	
2310.00	27710	Mid	LTE Band 30	10	20.69	0	A	QPSK	50	0	0 mm	back	1:1	1.990	21.68	
2310.00	27710	Mid	LTE Band 30	10	20.82	0	A	QPSK	1	0	0 mm	front	1:1	1.210	23.97	
2310.00	27710	Mid	LTE Band 30	10	20.81	0	A	QPSK	25	12	0 mm	front	1:1	1.220	23.93	
2310.00	27710	Mid	LTE Band 30	10	20.82	0	A	QPSK	1	0	0 mm	bottom	1:1	1.590	22.79	
2310.00	27710	Mid	LTE Band 30	10	20.81	0	A	QPSK	25	12	0 mm	bottom	1:1	1.570	22.83	
2310.00	27710	Mid	LTE Band 30	10	20.69	0	A	QPSK	50	0	0 mm	bottom	1:1	1.530	22.82	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	0 mm	right	1:1	0.203	33.08	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	0 mm	right	1:1	0.169	32.92	
2310.00	27710	Mid	LTE Band 30	10	22.18	0	A	QPSK	1	25	0 mm	left	1:1	0.838	26.93	
2310.00	27710	Mid	LTE Band 30	10	21.22	1	A	QPSK	25	12	0 mm	left	1:1	0.674	26.91	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-96
DSI = 1 P_{Limit} Calculations – LTE Band 7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2510.00	20850	Low	LTE Band 7	20	19.77	0	B	QPSK	1	99	0 mm	back	1:1	2.230	20.27	20.20
2535.00	21100	Mid	LTE Band 7	20	19.72	0	B	QPSK	1	0	0 mm	back	1:1	2.150	20.38	
2560.00	21350	High	LTE Band 7	20	19.73	0	B	QPSK	1	99	0 mm	back	1:1	2.070	20.55	
2510.00	20850	Low	LTE Band 7	20	19.67	0	B	QPSK	50	25	0 mm	back	1:1	2.180	20.26	
2535.00	21100	Mid	LTE Band 7	20	19.60	0	B	QPSK	50	25	0 mm	back	1:1	2.130	20.30	
2560.00	21350	High	LTE Band 7	20	19.60	0	B	QPSK	50	50	0 mm	back	1:1	2.080	20.40	
2510.00	20850	Low	LTE Band 7	20	19.54	0	B	QPSK	100	0	0 mm	back	1:1	2.150	20.20	
2510.00	20850	Low	LTE Band 7	20	19.77	0	B	QPSK	1	99	0 mm	front	1:1	1.260	22.75	
2510.00	20850	Low	LTE Band 7	20	19.67	0	B	QPSK	50	25	0 mm	front	1:1	1.260	22.65	
2510.00	20850	Low	LTE Band 7	20	19.77	0	B	QPSK	1	99	0 mm	bottom	1:1	1.300	22.61	
2510.00	20850	Low	LTE Band 7	20	19.67	0	B	QPSK	50	25	0 mm	bottom	1:1	1.300	22.51	
2510.00	20850	Low	LTE Band 7	20	22.16	0	B	QPSK	1	50	0 mm	left	1:1	1.760	23.68	
2535.00	21100	Mid	LTE Band 7	20	22.26	0	B	QPSK	1	50	0 mm	left	1:1	1.870	23.52	
2560.00	21350	High	LTE Band 7	20	22.25	0	B	QPSK	1	99	0 mm	left	1:1	1.730	23.85	
2510.00	20850	Low	LTE Band 7	20	22.10	0	B	QPSK	50	25	0 mm	left	1:1	1.680	23.83	
2535.00	21100	Mid	LTE Band 7	20	22.18	0	B	QPSK	50	50	0 mm	left	1:1	1.810	23.58	
2560.00	21350	High	LTE Band 7	20	22.04	0	B	QPSK	50	0	0 mm	left	1:1	1.710	23.69	
2535.00	21100	Mid	LTE Band 7	20	21.98	0	B	QPSK	100	0	0 mm	left	1:1	1.770	23.48	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 45 of 51

Table A-97
DSI = 1 P_{Limit} Calculations – LTE Band 41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2506.00	39750	Low	LTE Band 41	20	21.62	0	B	QPSK	1	0	0 mm	back	1:1.58	1.480	21.91	21.71
2549.50	40185	Low-Mid	LTE Band 41	20	21.47	0	B	QPSK	1	50	0 mm	back	1:1.58	1.480	21.76	
2593.00	40620	Mid	LTE Band 41	20	21.56	0	B	QPSK	1	50	0 mm	back	1:1.58	1.530	21.71	
2636.50	41055	Mid-High	LTE Band 41	20	21.23	0	B	QPSK	1	50	0 mm	back	1:1.58	1.010	23.18	
2680.00	41490	High	LTE Band 41	20	21.46	0	B	QPSK	1	50	0 mm	back	1:1.58	1.060	23.20	
2506.00	39750	Low	LTE Band 41	20	21.78	0	B	QPSK	50	50	0 mm	back	1:1.58	1.520	21.96	
2549.50	40185	Low-Mid	LTE Band 41	20	21.56	0	B	QPSK	50	50	0 mm	back	1:1.58	1.490	21.82	
2593.00	40620	Mid	LTE Band 41	20	21.52	0	B	QPSK	50	25	0 mm	back	1:1.58	1.500	21.75	
2636.50	41055	Mid-High	LTE Band 41	20	21.31	0	B	QPSK	50	25	0 mm	back	1:1.58	1.010	23.26	
2680.00	41490	High	LTE Band 41	20	21.56	0	B	QPSK	50	25	0 mm	back	1:1.58	1.110	23.10	
2593.00	40620	Mid	LTE Band 41	20	21.51	0	B	QPSK	100	0	0 mm	back	1:1.58	1.480	21.80	
2506.00	39750	Low	LTE Band 41	20	21.62	0	B	QPSK	1	0	0 mm	front	1:1.58	1.110	23.16	
2506.00	39750	Low	LTE Band 41	20	21.78	0	B	QPSK	50	50	0 mm	front	1:1.58	1.100	23.36	
2506.00	39750	Low	LTE Band 41	20	21.62	0	B	QPSK	1	0	0 mm	bottom	1:1.58	1.030	23.49	
2506.00	39750	Low	LTE Band 41	20	21.78	0	B	QPSK	50	50	0 mm	bottom	1:1.58	1.020	23.69	
2506.00	39750	Low	LTE Band 41	20	23.54	0	B	QPSK	1	50	0 mm	left	1:1.58	1.720	23.18	
2549.50	40185	Low-Mid	LTE Band 41	20	23.49	0	B	QPSK	1	50	0 mm	left	1:1.58	1.450	23.87	
2593.00	40620	Mid	LTE Band 41	20	23.50	0	B	QPSK	1	50	0 mm	left	1:1.58	1.370	24.13	
2636.50	41055	Mid-High	LTE Band 41	20	23.50	0	B	QPSK	1	50	0 mm	left	1:1.58	0.922	25.85	
2680.00	41490	High	LTE Band 41	20	23.40	0	B	QPSK	1	50	0 mm	left	1:1.58	0.889	25.91	
2506.00	39750	Low	LTE Band 41	20	22.56	0.5	B	QPSK	50	25	0 mm	left	1:1.58	1.350	23.25	
2549.50	40185	Low-Mid	LTE Band 41	20	22.42	0.5	B	QPSK	50	25	0 mm	left	1:1.58	1.180	23.70	
2593.00	40620	Mid	LTE Band 41	20	22.46	0.5	B	QPSK	50	25	0 mm	left	1:1.58	1.110	24.00	
2636.50	41055	Mid-High	LTE Band 41	20	22.55	0.5	B	QPSK	50	25	0 mm	left	1:1.58	0.748	25.81	
2680.00	41490	High	LTE Band 41	20	22.45	0.5	B	QPSK	50	25	0 mm	left	1:1.58	0.720	25.87	
2506.00	39750	Low	LTE Band 41	20	22.45	0.5	B	QPSK	100	0	0 mm	left	1:1.58	1.270	23.41	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-98
DSI = 1 P_{Limit} Calculations – LTE Band 48 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	8 mm	back	1:1.58	1.700	20.63	20.63
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	6 mm	front	1:1.58	0.434	26.56	
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	0 mm	top	1:1.58	0.181	30.36	
3603.30	55773	Low-Mid	LTE Band 48	20	20.94	0	F	QPSK	50	25	0 mm	left	1:1.58	0.838	23.70	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 46 of 51

Table A-99
DSI = 1 P_{Limit} Calculations – NR Band n71 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	back	1:1	1.370	26.95	26.95
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	1.300	27.18	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	bottom	1:1	1.270	27.28	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.126	37.32	
680.50	136100	Mid	NR Band n71	20	24.34	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.072	39.75	

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-100
DSI = 1 P_{Limit} Calculations – NR Band n12 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	0 mm	back	1:1	1.050	28.14	27.52
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	0 mm	front	1:1	1.210	27.52	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	0 mm	bottom	1:1	1.060	28.10	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	0 mm	right	1:1	0.094	38.62	
707.50	141500	Mid	NR Band n12	15	24.37	A	0	DFT-S-OFDM	QPSK	36	22	0 mm	left	1:1	0.073	39.72	

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-101
DSI = 1 P_{Limit} Calculations – NR Band n5 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	back	1:1	1.400	27.04	27.04
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	1.170	27.82	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	bottom	1:1	0.726	29.89	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.240	34.70	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.52	A	0	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.120	37.71	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 47 of 51		

Table A-102
DSI = 1 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.58	A	0	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	2.420	20.72	20.01
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.57	A	0	DFT-S-OFDM	QPSK	108	108	0 mm	back	1:1	2.600	20.40	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.56	A	0	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	2.590	20.41	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.58	A	0	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	2.040	21.46	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.57	A	0	DFT-S-OFDM	QPSK	108	108	0 mm	front	1:1	2.170	21.18	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.56	A	0	DFT-S-OFDM	QPSK	216	0	0 mm	front	1:1	2.170	21.17	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.58	A	0	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	2.590	20.43	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.57	A	0	DFT-S-OFDM	QPSK	108	108	0 mm	bottom	1:1	2.770	20.12	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.56	A	0	DFT-S-OFDM	QPSK	216	0	0 mm	bottom	1:1	2.840	20.01	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.42	A	0	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	2.750	20.01	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	right	1:1	0.366	31.53	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.392	31.37	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.19	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	left	1:1	0.927	27.50	
1745.00	349000	Mid	NR Band n66 (AWS)	40	23.32	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.983	27.37	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	back	1:1	0.901	25.12	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	front	1:1	1.240	23.74	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	top	1:1	2.300	21.05	
1745.00	349000	Mid	NR Band n66 (AWS)	40	20.69	I	0	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.183	32.04	

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-103
DSI = 1 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.73	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	back	1:1	1.760	21.25	19.21
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.92	A	0	DFT-S-OFDM	QPSK	108	108	0 mm	back	1:1	1.850	21.23	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.73	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	front	1:1	1.690	21.43	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.92	A	0	DFT-S-OFDM	QPSK	108	108	0 mm	front	1:1	1.790	21.37	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.73	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	bottom	1:1	2.510	19.71	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.92	A	0	DFT-S-OFDM	QPSK	108	108	0 mm	bottom	1:1	2.690	19.60	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.72	A	0	DFT-S-OFDM	QPSK	216	0	0 mm	bottom	1:1	2.810	19.21	
1882.50	376500	Mid	NR Band n25 (PCS)	40	19.70	A	0	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	2.720	19.33	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	right	1:1	0.309	32.28	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.333	31.76	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.20	A	0	DFT-S-OFDM	QPSK	1	108	0 mm	left	1:1	0.626	29.21	
1882.50	376500	Mid	NR Band n25 (PCS)	40	23.01	A	0	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.665	28.76	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	0.943	25.21	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	front	1:1	1.310	23.79	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.95	I	0	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	2.690	20.63	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	top	1:1	2.790	20.50	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.94	I	0	DFT-S-OFDM	QPSK	216	0	0 mm	top	1:1	2.760	20.51	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.96	I	0	CP-OFDM	QPSK	1	1	0 mm	top	1:1	2.640	20.72	
1882.50	376500	Mid	NR Band n25 (PCS)	40	20.98	I	0	DFT-S-OFDM	QPSK	108	0	0 mm	right	1:1	0.192	32.13	

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.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 48 of 51

Table A-104
DSI = 1 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2310.00	462000	Mid	NR Band n30	10	20.25	A	0	DFT-S-OFDM	QPSK	1	26	0 mm	back	1:1	1.840	21.58	21.58
2310.00	462000	Mid	NR Band n30	10	20.27	A	0	DFT-S-OFDM	QPSK	25	0	0 mm	back	1:1	1.840	21.60	
2310.00	462000	Mid	NR Band n30	10	20.21	A	0	DFT-S-OFDM	QPSK	50	0	0 mm	back	1:1	1.810	21.61	
2310.00	462000	Mid	NR Band n30	10	20.30	A	0.5	CP-OFDM	QPSK	1	1	0 mm	back	1:1	1.800	21.73	
2310.00	462000	Mid	NR Band n30	10	20.25	A	0	DFT-S-OFDM	QPSK	1	26	0 mm	front	1:1	1.030	24.10	
2310.00	462000	Mid	NR Band n30	10	20.27	A	0	DFT-S-OFDM	QPSK	25	0	0 mm	front	1:1	1.060	24.00	
2310.00	462000	Mid	NR Band n30	10	20.25	A	0	DFT-S-OFDM	QPSK	1	26	0 mm	bottom	1:1	1.480	22.53	
2310.00	462000	Mid	NR Band n30	10	20.27	A	0	DFT-S-OFDM	QPSK	25	0	0 mm	bottom	1:1	1.530	22.40	
2310.00	462000	Mid	NR Band n30	10	20.21	A	0	DFT-S-OFDM	QPSK	50	0	0 mm	bottom	1:1	1.540	22.314	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	0 mm	right	1:1	0.205	32.48	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	0 mm	right	1:1	0.210	32.40	
2310.00	462000	Mid	NR Band n30	10	21.62	A	0	DFT-S-OFDM	QPSK	1	26	0 mm	left	1:1	0.790	26.62	
2310.00	462000	Mid	NR Band n30	10	21.64	A	0	DFT-S-OFDM	QPSK	25	14	0 mm	left	1:1	0.824	26.46	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	back	1:1	0.913	23.79	20.18
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	front	1:1	1.200	22.61	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	top	1:1	2.100	20.18	
2310.00	462000	Mid	NR Band n30	10	19.42	I	0	DFT-S-OFDM	QPSK	25	0	0 mm	right	1:1	0.134	32.13	

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-105
DSI = 1 P_{Limit} Calculations – NR Band n7 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2535.00	507000	Mid	NR Band n7	40	19.81	B	0	DFT-S-OFDM	QPSK	1	108	0 mm	back	1:1	2.100	20.57	20.45
2535.00	507000	Mid	NR Band n7	40	19.80	B	0	DFT-S-OFDM	QPSK	108	108	0 mm	back	1:1	2.110	20.54	
2535.00	507000	Mid	NR Band n7	40	19.73	B	0	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	2.120	20.45	
2535.00	507000	Mid	NR Band n7	40	19.84	B	0	CP-OFDM	QPSK	1	1	0 mm	back	1:1	2.140	20.52	
2535.00	507000	Mid	NR Band n7	40	19.81	B	0	DFT-S-OFDM	QPSK	1	108	0 mm	front	1:1	1.230	22.89	
2535.00	507000	Mid	NR Band n7	40	19.80	B	0	DFT-S-OFDM	QPSK	108	108	0 mm	front	1:1	1.250	22.81	
2535.00	507000	Mid	NR Band n7	40	19.81	B	0	DFT-S-OFDM	QPSK	1	108	0 mm	bottom	1:1	1.280	22.72	
2535.00	507000	Mid	NR Band n7	40	19.80	B	0	DFT-S-OFDM	QPSK	108	108	0 mm	bottom	1:1	1.180	23.06	
2535.00	507000	Mid	NR Band n7	40	22.05	B	0	DFT-S-OFDM	QPSK	1	108	0 mm	left	1:1	2.040	22.933	
2535.00	507000	Mid	NR Band n7	40	22.11	B	0	DFT-S-OFDM	QPSK	108	108	0 mm	left	1:1	1.960	23.167	
2535.00	507000	Mid	NR Band n7	40	22.01	B	0	DFT-S-OFDM	QPSK	216	0	0 mm	left	1:1	1.900	23.202	
2535.00	507000	Mid	NR Band n7	40	21.38	B	0	CP-OFDM	QPSK	1	1	0 mm	left	1:1	1.570	23.400	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




FCC ID: A3LSMS906U	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 49 of 51		

Table A-106
DSI = 1 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.330	22.91	20.01
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.980	24.24	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	2.540	20.10	
2592.99	518598	Mid	NR Band n41	100	20.17	I	0	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.174	31.74	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.308	25.47	22.22
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.492	23.44	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.612	22.49	
2592.99	518598	Mid	NR Band n41	100	16.38	B	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.652	22.22	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.187	26.54	26.54
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.142	27.74	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.024	35.46	
2592.99	518598	Mid	NR Band n41	100	15.28	E	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.112	28.77	
2592.99	518598	Mid	NR Band n41	100	13.22	D	0	CP-OFDM	QPSK	1	1	0 mm	back	1:1	0.142	25.68	25.68
2592.99	518598	Mid	NR Band n41	100	13.22	D	0	CP-OFDM	QPSK	1	1	0 mm	front	1:1	0.010	37.20	
2592.99	518598	Mid	NR Band n41	100	13.22	D	0	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.038	31.40	
2592.99	518598	Mid	NR Band n41	100	13.22	D	0	CP-OFDM	QPSK	1	1	0 mm	right	1:1	0.001	47.20	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
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FCC ID: A3LSMS906U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset			APPENDIX A: Page 50 of 51

Table A-107
DSI = 1 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	Scaling Factor	SAR (10g)	Plimit	Overall Plimit		
MHz	Ch.														(W/kg)				
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	1.052	0.819	22.63	19.55	
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	front	1:1	1.052	0.723	23.17		
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	top	1:1	1.052	0.143	30.21		
3500.01	633334	Mid	NR Band n77 DoD	100	17.78	F	0	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	1.052	1.630	19.64		
3500.01	633334	Mid	NR Band n77 DoD	100	17.58	F	0	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	1.102	1.590	19.545		
3500.01	633334	Mid	NR Band n77 DoD	100	17.53	F	0	CP-OFDM	QPSK	1	1	0 mm	left	1:1	1.114	1.330	20.271		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.368	0.543	17.27	17.27	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.368	0.056	27.14		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	1.368	0.119	23.86		
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	1.368	0.001	44.82		
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.074	1.020	19.58		
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.074	0.001	49.67	19.58	
3500.01	633334	Mid	NR Band n77 DoD	100	15.69	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	1.074	0.016	37.63		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	0	CP-OFDM	QPSK	1	1	0 mm	back	1:1	1.172	0.647	17.88	17.68	
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	0	CP-OFDM	QPSK	1	1	0 mm	front	1:1	1.172	0.211	22.55		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	0	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	1.172	0.043	29.45		
3500.01	633334	Mid	NR Band n77 DoD	100	11.81	D	0	CP-OFDM	QPSK	1	1	0 mm	right	1:1	1.172	0.001	45.79		
3750.00	650000	Low	NR Band n77	100	17.55	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.109	1.090	21.16	17.85	
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.069	0.996	21.71		
3750.00	650000	Low	NR Band n77	100	17.50	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	1.122	1.080	21.15		
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	1.096	1.040	21.41		
3930.00	662000	High	NR Band n77	100	17.44	F	0	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	1.138	0.852	22.12		
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.069	1.030	21.56		
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	1.069	0.670	23.43		
3750.00	650000	Low	NR Band n77	100	17.55	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	1.109	2.090	18.33		
3930.00	662000	High	NR Band n77	100	17.71	F	0	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	1.069	2.380	17.92		
3750.00	650000	Low	NR Band n77	100	17.50	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	1.122	2.090	18.28		
3930.00	662000	High	NR Band n77	100	17.60	F	0	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	1.096	2.360	17.85		
3930.00	662000	High	NR Band n77	100	17.44	F	0	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	1.138	1.810	18.84		
3930.00	662000	High	NR Band n77	100	17.70	F	0	CP-OFDM	QPSK	1	1	0 mm	left	1:1	1.072	2.400	17.88		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.172	0.177	22.81		22.81
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.172	0.001	45.29		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	1.172	0.027	30.98		
3930.00	662000	High	NR Band n77	100	11.31	C	N/A	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	1.172	0.001	45.29		
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	1.148	0.728	20.76	20.76	
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	1.148	0.001	49.38		
3930.00	662000	High	NR Band n77	100	15.40	K	N/A	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	1.148	0.001	49.38		
3930.00	662000	High	NR Band n77	100	12.36	D	0	CP-OFDM	QPSK	1	1	0 mm	back	1:1	1.033	0.030	31.57	31.57	
3930.00	662000	High	NR Band n77	100	12.36	D	0	CP-OFDM	QPSK	1	1	0 mm	front	1:1	1.033	0.016	34.30		
3930.00	662000	High	NR Band n77	100	12.36	D	0	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	1.033	0.001	46.34		
3930.00	662000	High	NR Band n77	100	12.36	D	0	CP-OFDM	QPSK	1	1	0 mm	right	1:1	1.033	0.001	46.34		

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Test Dates: 09/19/21 - 11/15/21	DUT Type: Portable Handset	APPENDIX A: Page 51 of 51		