

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

Table A-1
DSI = 2 P_{Limit} Calculations – CDMA BC0 (\$22H) Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Form Factor	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.								(W/kg)		
848.31	777	Cell. CDMA	RC3 / SO55	24.60	Right	Cheek	Open	1:1	0.228	31.02	29.94
848.31	777	Cell. CDMA	RC3 / SO55	24.60	Right	Tilt	Open	1:1	0.110	34.19	
848.31	777	Cell. CDMA	RC3 / SO55	24.60	Left	Cheek	Open	1:1	0.162	32.50	
848.31	777	Cell. CDMA	RC3 / SO55	24.60	Left	Tilt	Open	1:1	0.093	34.92	
848.31	777	Cell. CDMA	EVDO Rev. A	23.08	Right	Cheek	Open	1:1	0.206	29.94	
848.31	777	Cell. CDMA	EVDO Rev. A	23.08	Right	Tilt	Open	1:1	0.104	32.91	
848.31	777	Cell. CDMA	EVDO Rev. A	23.08	Left	Cheek	Open	1:1	0.149	31.35	
848.31	777	Cell. CDMA	EVDO Rev. A	23.08	Left	Tilt	Open	1:1	0.087	33.68	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram						

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

Table A-2
DSI = 2 P_{Limit} Calculations – PCS CDMA Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Form Factor	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Right	Cheek	Open	1:1	0.078	34.79	34.12
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Right	Tilt	Open	1:1	0.048	36.90	
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Left	Cheek	Open	1:1	0.064	35.65	
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Left	Tilt	Open	1:1	0.049	36.81	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Right	Cheek	Open	1:1	0.082	34.12	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Right	Tilt	Open	1:1	0.044	36.83	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Left	Cheek	Open	1:1	0.078	34.34	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Left	Tilt	Open	1:1	0.071	34.75	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram						

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-3
DSI = 2 P_{Limit} Calculations –GSM 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Form Factor	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.								(W/kg)		
824.20	128	GSM850	GSM	32.00	Right	Cheek	Open	1:8.3	0.135	31.50	31.50
824.20	128	GSM850	GSM	32.00	Right	Tilt	Open	1:8.3	0.085	33.50	
824.20	128	GSM850	GSM	32.00	Left	Cheek	Open	1:8.3	0.114	32.23	
824.20	128	GSM850	GSM	32.00	Left	Tilt	Open	1:8.3	0.062	34.87	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Head 1.6 W/kg (mW/g) averaged over 1 gram					

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

Table A-4
DSI = 2 P_{Limit} Calculations –GSM 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Form Factor	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.								(W/kg)		
1850.20	512	GSM 1900	GSM	29.25	Right	Cheek	Open	1:8.3	0.033	34.86	33.92
1850.20	512	GSM 1900	GSM	29.25	Right	Tilt	Open	1:8.3	0.021	36.83	
1850.20	512	GSM 1900	GSM	29.25	Left	Cheek	Open	1:8.3	0.041	33.92	
1850.20	512	GSM 1900	GSM	29.25	Left	Tilt	Open	1:8.3	0.015	38.29	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Head 1.6 W/kg (mW/g) averaged over 1 gram					

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

Table A-5
DSI = 2 P_{Limit} Calculations –UMTS 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Form Factor	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	4183	UMTS 850	RMC	24.49	Right	Cheek	Open	1:1	0.170	32.19	32.19
836.60	4183	UMTS 850	RMC	24.49	Right	Tilt	Open	1:1	0.101	34.45	
836.60	4183	UMTS 850	RMC	24.49	Left	Cheek	Open	1:1	0.154	32.61	
836.60	4183	UMTS 850	RMC	24.49	Left	Tilt	Open	1:1	0.097	34.62	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram						

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

FCC ID: A3LSMF711U1	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-6
DSI = 2 P_{Limit} Calculations –UMTS 1750 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Form Factor	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.								(W/kg)		
1732.40	1412	UMTS 1750	RMC	23.70	Right	Cheek	Open	1:1	0.075	34.95	34.95
1732.40	1412	UMTS 1750	RMC	23.70	Right	Tilt	Open	1:1	0.051	36.62	
1732.40	1412	UMTS 1750	RMC	23.70	Left	Cheek	Open	1:1	0.042	37.47	
1732.40	1412	UMTS 1750	RMC	23.70	Left	Tilt	Open	1:1	0.036	38.14	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Head 1.6 W/kg (mW/g) averaged over 1 gram					

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

Table A-7
DSI = 2 P_{Limit} Calculations –UMTS 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Form Factor	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	9400	UMTS 1900	RMC	23.82	Right	Cheek	Open	1:1	0.086	34.48	34.48
1880.00	9400	UMTS 1900	RMC	23.82	Right	Tilt	Open	1:1	0.054	36.50	
1880.00	9400	UMTS 1900	RMC	23.82	Left	Cheek	Open	1:1	0.076	35.01	
1880.00	9400	UMTS 1900	RMC	23.82	Left	Tilt	Open	1:1	0.046	37.19	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram						

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

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Table A-8
DSI = 2 P_{Limit} Calculations – LTE Band 71 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
680.50	133297	Mid	LTE Band 71	20	Open	24.11	Right	Cheek	QPSK	1	50	1:1	0.154	32.23	32.01
680.50	133297	Mid	LTE Band 71	20	Open	23.26	Right	Cheek	QPSK	50	25	1:1	0.132	32.05	
680.50	133297	Mid	LTE Band 71	20	Open	24.11	Right	Tilt	QPSK	1	50	1:1	0.074	35.42	
680.50	133297	Mid	LTE Band 71	20	Open	23.26	Right	Tilt	QPSK	50	25	1:1	0.057	35.70	
680.50	133297	Mid	LTE Band 71	20	Open	24.11	Left	Cheek	QPSK	1	50	1:1	0.162	32.01	
680.50	133297	Mid	LTE Band 71	20	Open	23.26	Left	Cheek	QPSK	50	25	1:1	0.131	32.09	
680.50	133297	Mid	LTE Band 71	20	Open	24.11	Left	Tilt	QPSK	1	50	1:1	0.073	35.48	
680.50	133297	Mid	LTE Band 71	20	Open	23.26	Left	Tilt	QPSK	50	25	1:1	0.062	35.34	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Head 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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 12 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.												(W/kg)		
707.50	23095	Mid	LTE Band 12	10	Open	24.25	Right	Cheek	QPSK	1	25	1:1	0.155	32.35	32.35
707.50	23095	Mid	LTE Band 12	10	Open	23.40	Right	Cheek	QPSK	25	12	1:1	0.125	32.43	
707.50	23095	Mid	LTE Band 12	10	Open	24.25	Right	Tilt	QPSK	1	25	1:1	0.089	34.76	
707.50	23095	Mid	LTE Band 12	10	Open	23.40	Right	Tilt	QPSK	25	12	1:1	0.073	34.77	
707.50	23095	Mid	LTE Band 12	10	Open	24.25	Left	Cheek	QPSK	1	25	1:1	0.155	32.35	
707.50	23095	Mid	LTE Band 12	10	Open	23.40	Left	Cheek	QPSK	25	12	1:1	0.127	32.36	
707.50	23095	Mid	LTE Band 12	10	Open	24.25	Left	Tilt	QPSK	1	25	1:1	0.081	35.17	
707.50	23095	Mid	LTE Band 12	10	Open	23.40	Left	Tilt	QPSK	25	12	1:1	0.072	34.83	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Head 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-10
DSI = 2 P_{Limit} Calculations – LTE Band 13 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
782.00	23230	Mid	LTE Band 13	10	Open	24.27	Right	Cheek	QPSK	1	49	1:1	0.167	32.04	32.04
782.00	23230	Mid	LTE Band 13	10	Open	23.33	Right	Cheek	QPSK	25	0	1:1	0.129	32.22	
782.00	23230	Mid	LTE Band 13	10	Open	24.27	Right	Tilt	QPSK	1	49	1:1	0.076	35.46	
782.00	23230	Mid	LTE Band 13	10	Open	23.33	Right	Tilt	QPSK	25	0	1:1	0.055	35.93	
782.00	23230	Mid	LTE Band 13	10	Open	24.27	Left	Cheek	QPSK	1	49	1:1	0.125	33.30	
782.00	23230	Mid	LTE Band 13	10	Open	23.33	Left	Cheek	QPSK	25	0	1:1	0.103	33.20	
782.00	23230	Mid	LTE Band 13	10	Open	24.27	Left	Tilt	QPSK	1	49	1:1	0.072	35.70	
782.00	23230	Mid	LTE Band 13	10	Open	23.33	Left	Tilt	QPSK	25	0	1:1	0.055	35.93	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram								

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 14 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
793.00	23330	Mid	LTE Band 14	10	Open	24.20	Right	Cheek	QPSK	1	0	1:1	0.166	32.00	31.55
793.00	23330	Mid	LTE Band 14	10	Open	23.34	Right	Cheek	QPSK	25	12	1:1	0.151	31.55	
793.00	23330	Mid	LTE Band 14	10	Open	24.20	Right	Tilt	QPSK	1	0	1:1	0.076	35.39	
793.00	23330	Mid	LTE Band 14	10	Open	23.34	Right	Tilt	QPSK	25	12	1:1	0.064	35.28	
793.00	23330	Mid	LTE Band 14	10	Open	24.20	Left	Cheek	QPSK	1	0	1:1	0.116	33.56	
793.00	23330	Mid	LTE Band 14	10	Open	23.34	Left	Cheek	QPSK	25	12	1:1	0.087	33.94	
793.00	23330	Mid	LTE Band 14	10	Open	24.20	Left	Tilt	QPSK	1	0	1:1	0.066	36.00	
793.00	23330	Mid	LTE Band 14	10	Open	23.34	Left	Tilt	QPSK	25	12	1:1	0.050	36.35	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of  element	PART 0 SAR CHAR REPORT Approved by: Quality Manager
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Table A-12
DSI = 2 P_{Limit} Calculations – LTE Band 26 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	24.00	Right	Cheek	QPSK	1	74	1:1	0.204	30.90	30.90
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.05	Right	Cheek	QPSK	36	37	1:1	0.156	31.12	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	24.00	Right	Tilt	QPSK	1	74	1:1	0.090	34.46	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.05	Right	Tilt	QPSK	36	37	1:1	0.075	34.30	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	24.00	Left	Cheek	QPSK	1	74	1:1	0.153	32.15	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.05	Left	Cheek	QPSK	36	37	1:1	0.130	31.91	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	24.00	Left	Tilt	QPSK	1	74	1:1	0.085	34.71	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.05	Left	Tilt	QPSK	36	37	1:1	0.071	34.54	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Head 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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

Table A-13
DSI = 2 P_{Limit} Calculations – LTE Band 5 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.												(W/kg)		
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.67	Right	Cheek	QPSK	1	49	1:1	0.176	31.21	31.07
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.62	Right	Cheek	QPSK	25	25	1:1	0.143	31.07	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.67	Right	Tilt	QPSK	1	49	1:1	0.075	34.92	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.62	Right	Tilt	QPSK	25	25	1:1	0.063	34.63	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.67	Left	Cheek	QPSK	1	49	1:1	0.111	33.22	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.62	Left	Cheek	QPSK	25	25	1:1	0.098	32.71	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.67	Left	Tilt	QPSK	1	49	1:1	0.067	35.41	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.62	Left	Tilt	QPSK	25	25	1:1	0.052	35.46	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Head								
Spatial Peak							1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population							averaged over 1 gram								

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

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Table A-14
DSI = 2 P_{Limit} Calculations – LTE Band 66 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.91	Right	Cheek	QPSK	1	99	1:1	0.063	35.92	35.48
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.04	Right	Cheek	QPSK	50	25	1:1	0.057	35.48	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.91	Right	Tilt	QPSK	1	99	1:1	0.041	37.78	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.04	Right	Tilt	QPSK	50	25	1:1	0.032	37.99	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.82	Left	Cheek	QPSK	1	0	1:1	0.062	35.90	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.91	Left	Cheek	QPSK	1	99	1:1	0.068	35.58	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.04	Left	Cheek	QPSK	50	25	1:1	0.047	36.32	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.91	Left	Tilt	QPSK	1	99	1:1	0.028	39.44	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.04	Left	Tilt	QPSK	50	25	1:1	0.027	38.73	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram								

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 25 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	Right	Cheek	QPSK	1	0	1:1	0.084	35.13	35.13
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	23.40	Right	Cheek	QPSK	50	25	1:1	0.059	35.69	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	Right	Tilt	QPSK	1	0	1:1	0.033	39.18	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	23.40	Right	Tilt	QPSK	50	25	1:1	0.022	39.98	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	Left	Cheek	QPSK	1	0	1:1	0.067	36.11	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	23.40	Left	Cheek	QPSK	50	25	1:1	0.046	36.77	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	Left	Tilt	QPSK	1	0	1:1	0.045	37.84	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	23.40	Left	Tilt	QPSK	50	25	1:1	0.029	38.78	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram								

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

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Table A-16
DSI = 2 P_{Limit} Calculations – LTE Band 30 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2310.00	27710	Mid	LTE Band 30	10	Open	23.40	Right	Cheek	QPSK	1	0	1:1	0.036	37.84	35.48
2310.00	27710	Mid	LTE Band 30	10	Open	22.45	Right	Cheek	QPSK	25	0	1:1	0.030	37.68	
2310.00	27710	Mid	LTE Band 30	10	Open	23.40	Right	Tilt	QPSK	1	0	1:1	0.032	38.35	
2310.00	27710	Mid	LTE Band 30	10	Open	22.45	Right	Tilt	QPSK	25	0	1:1	0.023	38.83	
2310.00	27710	Mid	LTE Band 30	10	Open	23.40	Left	Cheek	QPSK	1	0	1:1	0.062	35.48	
2310.00	27710	Mid	LTE Band 30	10	Open	22.45	Left	Cheek	QPSK	25	0	1:1	0.045	35.92	
2310.00	27710	Mid	LTE Band 30	10	Open	23.40	Left	Tilt	QPSK	1	0	1:1	0.020	40.39	
2310.00	27710	Mid	LTE Band 30	10	Open	22.45	Left	Tilt	QPSK	25	0	1:1	0.013	41.31	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram								

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 7 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	Right	Cheek	QPSK	1	0	1:1	0.087	34.62	34.62
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	Right	Cheek	QPSK	50	25	1:1	0.067	34.82	
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	Right	Tilt	QPSK	1	0	1:1	0.059	36.31	
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	Right	Tilt	QPSK	50	25	1:1	0.051	36.00	
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	Left	Cheek	QPSK	1	0	1:1	0.054	36.70	
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	Left	Cheek	QPSK	50	25	1:1	0.039	37.17	
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	Left	Tilt	QPSK	1	0	1:1	0.011	43.61	
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	Left	Tilt	QPSK	50	25	1:1	0.010	43.08	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Head								
Spatial Peak							1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population							averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-18
DSI = 2 P_{Limit} Calculations – LTE Band 48 Head SAR

MEASUREMENT RESULTS														
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	Plimit	Overall Plimit
MHz	Ch.													
3560.00	55340	Low	LTE Band 48	20	Open	17.35	Right	Cheek	QPSK	1	99	1:1.58	17.60	16.85
3603.30	55773	Low-Mid	LTE Band 48	20	Open	17.59	Right	Cheek	QPSK	1	50	1:1.58	17.40	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	Right	Cheek	QPSK	1	50	1:1.58	17.20	
3690.00	56640	High	LTE Band 48	20	Open	17.50	Right	Cheek	QPSK	1	0	1:1.58	17.21	
3560.00	55340	Low	LTE Band 48	20	Open	17.41	Right	Cheek	QPSK	50	50	1:1.58	17.38	
3603.30	55773	Low-Mid	LTE Band 48	20	Open	17.64	Right	Cheek	QPSK	50	50	1:1.58	17.38	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	Right	Cheek	QPSK	50	50	1:1.58	17.28	
3690.00	56640	High	LTE Band 48	20	Open	17.48	Right	Cheek	QPSK	50	0	1:1.58	16.85	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.74	Right	Cheek	QPSK	100	0	1:1.58	17.30	
3560.00	55340	Low	LTE Band 48	20	Open	17.35	Right	Tilt	QPSK	1	99	1:1.58	18.33	
3603.30	55773	Low-Mid	LTE Band 48	20	Open	17.59	Right	Tilt	QPSK	1	50	1:1.58	17.88	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	Right	Tilt	QPSK	1	50	1:1.58	17.82	
3690.00	56640	High	LTE Band 48	20	Open	17.50	Right	Tilt	QPSK	1	0	1:1.58	17.92	
3560.00	55340	Low	LTE Band 48	20	Open	17.41	Right	Tilt	QPSK	50	50	1:1.58	18.14	
3603.30	55773	Low-Mid	LTE Band 48	20	Open	17.64	Right	Tilt	QPSK	50	50	1:1.58	17.99	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	Right	Tilt	QPSK	50	50	1:1.58	17.97	
3690.00	56640	High	LTE Band 48	20	Open	17.48	Right	Tilt	QPSK	50	0	1:1.58	17.61	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.74	Right	Tilt	QPSK	100	0	1:1.58	17.87	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	Left	Cheek	QPSK	1	50	1:1.58	23.78	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	Left	Cheek	QPSK	50	50	1:1.58	23.61	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	Left	Tilt	QPSK	1	50	1:1.58	24.33	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	Left	Tilt	QPSK	50	50	1:1.58	24.18	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Head 1.6 W/kg (mW/g) averaged over 1 gram							
Spatial Peak Uncontrolled Exposure/General Population														

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

FCC ID: A3LSMF711U1	 PCTEST® Proud to be part of 	PART 0 SAR CHAR REPORT Approved by: Quality Manager
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Table A-19
DSI = 2 P_{Limit} Calculations – LTE Band 41 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2680.00	41490	High	LTE Band 41	20	Open	24.54	Right	Cheek	QPSK	1	50	1:1.58	0.064	34.49	31.64
2680.00	41490	High	LTE Band 41	20	Open	23.60	Right	Cheek	QPSK	50	50	1:1.58	0.050	34.62	
2680.00	41490	High	LTE Band 41	20	Open	24.54	Right	Tilt	QPSK	1	50	1:1.58	0.047	35.83	
2680.00	41490	High	LTE Band 41	20	Open	23.60	Right	Tilt	QPSK	50	50	1:1.58	0.046	34.99	
2680.00	41490	High	LTE Band 41	20	Open	24.54	Left	Cheek	QPSK	1	50	1:1.58	0.117	31.87	
2680.00	41490	High	LTE Band 41	20	Open	23.60	Left	Cheek	QPSK	50	50	1:1.58	0.085	32.32	
2680.00	41490	High	LTE Band 41	20	Open	24.54	Left	Tilt	QPSK	1	50	1:1.58	0.043	36.22	
2680.00	41490	High	LTE Band 41	20	Open	23.60	Left	Tilt	QPSK	50	50	1:1.58	0.036	36.05	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Head 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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 n71 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Tune State	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	Open	24.19	Right	Cheek	104	DFT-S-OFDM	QPSK	1	1	1:1	0.133	32.95	32.23
680.50	136100	Mid	NR Band n71	20	Open	24.22	Right	Cheek	104	DFT-S-OFDM	QPSK	50	28	1:1	0.121	33.39	
680.50	136100	Mid	NR Band n71	20	Open	24.19	Right	Tilt	104	DFT-S-OFDM	QPSK	1	1	1:1	0.077	35.33	
680.50	136100	Mid	NR Band n71	20	Open	24.22	Right	Tilt	104	DFT-S-OFDM	QPSK	50	28	1:1	0.067	35.96	
680.50	136100	Mid	NR Band n71	20	Open	24.19	Left	Cheek	104	DFT-S-OFDM	QPSK	1	1	1:1	0.148	32.49	
680.50	136100	Mid	NR Band n71	20	Open	24.22	Left	Cheek	104	DFT-S-OFDM	QPSK	50	28	1:1	0.158	32.23	
680.50	136100	Mid	NR Band n71	20	Open	23.21	Left	Cheek	104	CP-OFDM	QPSK	1	1	1:1	0.107	32.92	
680.50	136100	Mid	NR Band n71	20	Open	24.19	Left	Tilt	104	DFT-S-OFDM	QPSK	1	1	1:1	0.070	35.74	
680.50	136100	Mid	NR Band n71	20	Open	24.22	Left	Tilt	104	DFT-S-OFDM	QPSK	50	28	1:1	0.077	35.36	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram										

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-21
DSI = 2 P_{Limit} Calculations – NR Band n12 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	23.95	Right	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.147	32.28	32.19
707.50	141500	Mid	NR Band n12	15	Open	24.03	Right	Cheek	DFT-S-OFDM	QPSK	36	22	1:1	0.144	32.45	
707.50	141500	Mid	NR Band n12	15	Open	23.95	Right	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.087	34.55	
707.50	141500	Mid	NR Band n12	15	Open	24.03	Right	Tilt	DFT-S-OFDM	QPSK	36	22	1:1	0.074	35.34	
707.50	141500	Mid	NR Band n12	15	Open	23.95	Left	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.150	32.19	
707.50	141500	Mid	NR Band n12	15	Open	24.03	Left	Cheek	DFT-S-OFDM	QPSK	36	22	1:1	0.146	32.39	
707.50	141500	Mid	NR Band n12	15	Open	23.12	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.101	33.08	
707.50	141500	Mid	NR Band n12	15	Open	23.95	Left	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.090	34.41	
707.50	141500	Mid	NR Band n12	15	Open	24.03	Left	Tilt	DFT-S-OFDM	QPSK	36	22	1:1	0.090	34.49	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Head 1.6 W/kg (mW/g) averaged over 1 gram								

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 n5 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	23.80	Right	Cheek	DFT-S-OFDM	QPSK	1	53	1:1	0.174	31.39	30.98
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.84	Right	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.171	31.51	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.62	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.146	30.98	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.80	Right	Tilt	DFT-S-OFDM	QPSK	1	53	1:1	0.069	35.41	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.84	Right	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.070	35.39	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.80	Left	Cheek	DFT-S-OFDM	QPSK	1	53	1:1	0.134	32.53	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.84	Left	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.120	33.05	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.80	Left	Tilt	DFT-S-OFDM	QPSK	1	53	1:1	0.075	35.05	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.84	Left	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.073	35.21	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Head 1.6 W/kg (mW/g) averaged over 1 gram								

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

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Table A-23
DSI = 2 P_{Limit} Calculations – NR Band n66 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	23.90	A	Right	Cheek	DFT-S-OFDM	QPSK	1	214	1:1	0.050	36.91	35.69
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	Right	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.058	36.22	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	22.22	A	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.045	35.69	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	Right	Tilt	DFT-S-OFDM	QPSK	1	214	1:1	0.023	40.28	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	Right	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.035	38.41	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	Left	Cheek	DFT-S-OFDM	QPSK	1	214	1:1	0.029	39.28	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	Left	Cheek	DFT-S-OFDM	QPSK	108	54	1:1	0.030	39.08	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	Left	Tilt	DFT-S-OFDM	QPSK	1	214	1:1	0.016	41.86	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	Left	Tilt	DFT-S-OFDM	QPSK	108	54	1:1	0.030	39.08	22.56
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	16.99	I	Right	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.113	26.46	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	17.06	I	Right	Cheek	DFT-S-OFDM	QPSK	108	0	1:1	0.115	26.45	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	16.99	I	Right	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.023	33.37	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	17.06	I	Right	Tilt	DFT-S-OFDM	QPSK	108	0	1:1	0.022	33.64	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	16.99	I	Left	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.255	22.92	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	17.06	I	Left	Cheek	DFT-S-OFDM	QPSK	108	0	1:1	0.269	22.76	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	17.02	I	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.279	22.56	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	16.99	I	Left	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.059	29.28	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	17.06	I	Left	Tilt	DFT-S-OFDM	QPSK	108	0	1:1	0.061	29.21	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram								

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 n25 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.														(W/kg)			
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	Right	Cheek	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.053	36.49	34.38
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	Right	Cheek	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.060	35.72	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	Right	Tilt	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.029	39.11	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	Right	Tilt	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.033	38.31	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	Left	Cheek	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.049	36.83	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	Left	Cheek	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.064	35.44	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	22.16	A	Left	Cheek	CP-OFDM	QPSK	1	1	1453M	1:1	0.060	34.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	Left	Tilt	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.030	38.96	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	Left	Tilt	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.041	37.37	19.07
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	Right	Cheek	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.196	26.08	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	Right	Cheek	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.232	25.32	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	Right	Tilt	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.104	28.83	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	Right	Tilt	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.136	27.63	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	Left	Cheek	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.756	20.21	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	Left	Cheek	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.835	19.75	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.96	I	Left	Cheek	DFT-S-OFDM	QPSK	216	0	1453M	1:1	0.854	19.65	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.82	I	Left	Cheek	CP-OFDM	QPSK	1	1	1453M	1:1	0.944	19.07	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	Left	Tilt	DFT-S-OFDM	QPSK	1	214	1453M	1:1	0.152	27.18	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	Left	Tilt	DFT-S-OFDM	QPSK	108	54	1453M	1:1	0.163	26.85	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram									

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-25
DSI = 2 P_{Limit} Calculations – NR Band n30 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2310.00	462000	Mid	NR Band n30	10	Open	22.73	Right	Cheek	DFT-S-OFDM	QPSK	1	26	1453M	1:1	0.006	44.95	40.42
2310.00	462000	Mid	NR Band n30	10	Open	22.46	Right	Cheek	DFT-S-OFDM	QPSK	25	14	1453M	1:1	0.004	46.44	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	Right	Tilt	DFT-S-OFDM	QPSK	1	26	1453M	1:1	0.014	41.27	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	Right	Tilt	DFT-S-OFDM	QPSK	25	14	1453M	1:1	0.013	41.32	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	Left	Cheek	DFT-S-OFDM	QPSK	1	26	1453M	1:1	0.013	41.59	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	Left	Cheek	DFT-S-OFDM	QPSK	25	14	1453M	1:1	0.016	40.42	
2310.00	462000	Mid	NR Band n30	10	Open	21.15	Left	Cheek	CP-OFDM	QPSK	1	1	1453M	1:1	0.009	41.61	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	Left	Tilt	DFT-S-OFDM	QPSK	1	26	1453M	1:1	0.001	52.73	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	Left	Tilt	DFT-S-OFDM	QPSK	25	14	1453M	1:1	0.004	46.44	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram										

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

Table A-26
DSI = 2 P_{Limit} Calculations – NR Band n41 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2592.99	518598	Mid	NR Band n41	100	Open	15.52	Right	Cheek	DFT-S-OFDM	QPSK	1	1	0903M	1:1	0.238	21.75	15.51
2592.99	518598	Mid	NR Band n41	100	Open	15.49	Right	Cheek	DFT-S-OFDM	QPSK	135	0	0903M	1:1	0.232	21.84	
2592.99	518598	Mid	NR Band n41	100	Open	15.52	Right	Tilt	DFT-S-OFDM	QPSK	1	1	0903M	1:1	0.061	27.67	
2592.99	518598	Mid	NR Band n41	100	Open	15.49	Right	Tilt	DFT-S-OFDM	QPSK	135	0	0903M	1:1	0.057	27.93	
2592.99	518598	Mid	NR Band n41	100	Open	15.52	Left	Cheek	DFT-S-OFDM	QPSK	1	1	0903M	1:1	0.865	16.15	
2592.99	518598	Mid	NR Band n41	100	Open	15.49	Left	Cheek	DFT-S-OFDM	QPSK	135	0	0903M	1:1	0.867	16.11	
2592.99	518598	Mid	NR Band n41	100	Open	15.48	Left	Cheek	DFT-S-OFDM	QPSK	270	0	0903M	1:1	0.953	15.69	
2592.99	518598	Mid	NR Band n41	100	Open	15.51	Left	Cheek	CP-OFDM	QPSK	1	1	0903M	1:1	1.000	15.51	
2592.99	518598	Mid	NR Band n41	100	Open	15.52	Left	Tilt	DFT-S-OFDM	QPSK	1	1	0903M	1:1	0.207	22.36	
2592.99	518598	Mid	NR Band n41	100	Open	15.49	Left	Tilt	DFT-S-OFDM	QPSK	135	0	0903M	1:1	0.197	22.55	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Head 1.6 W/kg (mW/g) averaged over 1 gram										

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

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Table A-27
DSI = 2 P_{Limit} Calculations – NR Band n77 DoD Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.86	F	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.523	17.68
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.83	F	Right	Cheek	DFT-S-OFDM	QPSK	135	138	1:1	0.484	17.98
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.73	F	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.548	17.34
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.86	F	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.480	18.05
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.83	F	Right	Tilt	DFT-S-OFDM	QPSK	135	138	1:1	0.453	18.27
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.86	F	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.176	22.40
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.83	F	Left	Cheek	DFT-S-OFDM	QPSK	135	138	1:1	0.167	22.60
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.86	F	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.176	22.40
3500.01	633334	Mid	NR Band n77 DoD	100	Open	14.83	F	Left	Tilt	DFT-S-OFDM	QPSK	135	138	1:1	0.174	22.42
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.94	I	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.235	19.23
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.98	I	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.231	19.34
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.94	I	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.037	27.26
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.98	I	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.036	27.42
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.94	I	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.413	16.78
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.98	I	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.402	16.94
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.51	I	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.483	15.67
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.94	I	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.089	23.45
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.98	I	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.088	23.54
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.46	E	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.187	19.74
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.44	E	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.189	19.68
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.46	E	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.022	29.04
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.44	E	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.023	28.82
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.46	E	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.274	18.08
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.44	E	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.269	18.14
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.31	E	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.276	17.90
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.46	E	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.018	29.91
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.44	E	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.021	29.22
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.23	C	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.019	26.44
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.22	C	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.014	27.76
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.23	C	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.017	26.93
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.22	C	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.015	27.46
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.23	C	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.021	26.01
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.22	C	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.022	25.80
3500.01	633334	Mid	NR Band n77 DoD	100	Open	8.94	C	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.030	24.17
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.23	C	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.002	36.22
3500.01	633334	Mid	NR Band n77 DoD	100	Open	9.22	C	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.004	33.20
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Head 1.6 W/kg (mW/g) averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 14 of 57

Table A-28
DSI = 2 P_{Limit} Calculations – NR Band n77 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plim it
MHz	Ch.														(W/kg)	
3750.00	650000	Low	NR Band n77	100	Open	15.95	F	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.819	16.82
3930.00	662000	High	NR Band n77	100	Open	15.48	F	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.610	17.63
3750.00	650000	Low	NR Band n77	100	Open	15.98	F	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.814	16.87
3930.00	662000	High	NR Band n77	100	Open	15.36	F	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.601	17.57
3750.00	650000	Low	NR Band n77	100	Open	15.84	F	Right	Cheek	DFT-S-OFDM	QPSK	270	0	1:1	0.817	16.72
3750.00	650000	Low	NR Band n77	100	Open	15.66	F	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.794	16.66
3750.00	650000	Low	NR Band n77	100	Open	15.95	F	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.689	17.57
3930.00	662000	High	NR Band n77	100	Open	15.48	F	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.454	18.91
3750.00	650000	Low	NR Band n77	100	Open	15.98	F	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.673	17.70
3930.00	662000	High	NR Band n77	100	Open	15.36	F	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.440	18.93
3750.00	650000	Low	NR Band n77	100	Open	15.84	F	Right	Tilt	DFT-S-OFDM	QPSK	270	0	1:1	0.668	17.59
3750.00	650000	Low	NR Band n77	100	Open	15.95	F	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.190	23.16
3750.00	650000	Low	NR Band n77	100	Open	15.98	F	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.187	23.26
3750.00	650000	Low	NR Band n77	100	Open	15.95	F	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.196	23.03
3750.00	650000	Low	NR Band n77	100	Open	15.98	F	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.187	23.26
3930.00	662000	High	NR Band n77	100	Open	13.12	I	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.215	19.80
3930.00	662000	High	NR Band n77	100	Open	13.11	I	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.211	19.87
3930.00	662000	High	NR Band n77	100	Open	13.12	I	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.007	34.67
3930.00	662000	High	NR Band n77	100	Open	13.11	I	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.006	35.33
3930.00	662000	High	NR Band n77	100	Open	13.12	I	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.300	18.35
3930.00	662000	High	NR Band n77	100	Open	13.11	I	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.297	18.38
3930.00	662000	High	NR Band n77	100	Open	13.15	I	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.309	18.25
3930.00	662000	High	NR Band n77	100	Open	13.12	I	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.018	30.57
3930.00	662000	High	NR Band n77	100	Open	13.11	I	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.019	30.32
3930.00	662000	High	NR Band n77	100	Open	13.43	E	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.184	20.78
3930.00	662000	High	NR Band n77	100	Open	13.46	E	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.188	20.72
3930.00	662000	High	NR Band n77	100	Open	13.15	E	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.148	21.45
3930.00	662000	High	NR Band n77	100	Open	13.43	E	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.060	25.65
3930.00	662000	High	NR Band n77	100	Open	13.46	E	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.059	25.75
3930.00	662000	High	NR Band n77	100	Open	13.43	E	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.163	21.31
3930.00	662000	High	NR Band n77	100	Open	13.46	E	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.160	21.42
3930.00	662000	High	NR Band n77	100	Open	13.43	E	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.031	28.52
3930.00	662000	High	NR Band n77	100	Open	13.46	E	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.028	28.99
3930.00	662000	High	NR Band n77	100	Open	9.75	C	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.017	27.45
3930.00	662000	High	NR Band n77	100	Open	9.65	C	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.011	29.24
3930.00	662000	High	NR Band n77	100	Open	9.52	C	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.008	30.49
3930.00	662000	High	NR Band n77	100	Open	9.75	C	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.014	28.29
3930.00	662000	High	NR Band n77	100	Open	9.65	C	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.013	28.51
3930.00	662000	High	NR Band n77	100	Open	9.75	C	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.005	32.76
3930.00	662000	High	NR Band n77	100	Open	9.65	C	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.004	33.63
3930.00	662000	High	NR Band n77	100	Open	9.75	C	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.005	32.76
3930.00	662000	High	NR Band n77	100	Open	9.65	C	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.004	33.63
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Head								
Spatial Peak								1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population								averaged over 1 gram								

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

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Table A-29
DSI = 0 P_{Limit} Calculations – 2G/3G Body-Worn SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Form Factor	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
848.31	777	Cell. CDMA	TDSO / SO32	24.10	15 mm	Open	1:1	back	0.168	31.85	29.51
848.31	777	Cell. CDMA	TDSO / SO32	24.10	15 mm	Closed	1:1	back	0.288	29.51	
1851.25	25	PCS CDMA	TDSO / SO32	23.29	15 mm	Open	1:1	back	0.651	25.15	25.14
1880.00	600	PCS CDMA	TDSO / SO32	23.25	15 mm	Open	1:1	back	0.635	25.22	
1908.75	1175	PCS CDMA	TDSO / SO32	23.08	15 mm	Open	1:1	back	0.623	25.14	
1851.25	25	PCS CDMA	TDSO / SO32	23.29	15 mm	Closed	1:1	back	0.225	29.77	
824.20	128	GSM 850	GSM	32.00	15 mm	Open	1:8.3	back	0.117	32.12	29.11
824.20	128	GSM 850	GSM	32.00	15 mm	Closed	1:8.3	back	0.234	29.11	
1850.20	512	GSM 1900	GSM	29.25	15 mm	Open	1:8.3	back	0.238	26.28	26.28
1850.20	512	GSM 1900	GSM	29.25	15 mm	Closed	1:8.3	back	0.074	31.36	
836.60	4183	UMTS 850	RMC	24.49	15 mm	Open	1:1	back	0.167	32.26	29.29
836.60	4183	UMTS 850	RMC	24.49	15 mm	Closed	1:1	back	0.331	29.29	
1732.40	1412	UMTS 1750	RMC	23.70	15 mm	Open	1:1	back	0.546	26.33	26.33
1732.40	1412	UMTS 1750	RMC	23.70	15 mm	Closed	1:1	back	0.236	29.97	
1880.00	9400	UMTS 1900	RMC	23.82	15 mm	Open	1:1	back	0.530	26.58	26.58
1880.00	9400	UMTS 1900	RMC	23.82	15 mm	Closed	1:1	back	0.156	31.89	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram						

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

FCC ID: A3LSMF711U1	 PCTEST® Proud to be part of 	PART 0 SAR CHAR REPORT Approved by: Quality Manager
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Table A-30
DSI = 0 P_{Limit} Calculations – 4G Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g) (W/kg)	Plim it	Overall Plim	
MHz	Ch.														
680.50	133297	Mid	LTE Band 71	20	Open	24.11	QPSK	1	50	15 mm	back	1:1	0.203	31.04	30.08
680.50	133297	Mid	LTE Band 71	20	Open	23.26	QPSK	50	25	15 mm	back	1:1	0.189	30.50	
680.50	133297	Mid	LTE Band 71	20	Closed	24.11	QPSK	1	50	15 mm	back	1:1	0.253	30.08	
680.50	133297	Mid	LTE Band 71	20	Closed	23.26	QPSK	50	25	15 mm	back	1:1	0.204	30.16	
707.50	23095	Mid	LTE Band 12	10	Open	24.25	QPSK	1	25	15 mm	back	1:1	0.172	31.89	30.67
707.50	23095	Mid	LTE Band 12	10	Open	23.40	QPSK	25	12	15 mm	back	1:1	0.138	32.00	
707.50	23095	Mid	LTE Band 12	10	Closed	24.25	QPSK	1	25	15 mm	back	1:1	0.228	30.67	
707.50	23095	Mid	LTE Band 12	10	Closed	23.40	QPSK	25	12	15 mm	back	1:1	0.184	30.75	
782.00	23230	Mid	LTE Band 13	10	Open	24.27	QPSK	1	49	15 mm	back	1:1	0.223	30.79	30.79
782.00	23230	Mid	LTE Band 13	10	Open	23.33	QPSK	25	0	15 mm	back	1:1	0.173	30.95	
782.00	23230	Mid	LTE Band 13	10	Closed	24.27	QPSK	1	49	15 mm	back	1:1	0.198	31.30	
782.00	23230	Mid	LTE Band 13	10	Closed	23.33	QPSK	25	0	15 mm	back	1:1	0.156	31.40	
793.00	23330	Mid	LTE Band 14	10	Open	24.20	QPSK	1	0	15 mm	back	1:1	0.214	30.90	30.84
793.00	23330	Mid	LTE Band 14	10	Open	23.34	QPSK	25	12	15 mm	back	1:1	0.178	30.84	
793.00	23330	Mid	LTE Band 14	10	Closed	24.20	QPSK	1	0	15 mm	back	1:1	0.206	31.06	
793.00	23330	Mid	LTE Band 14	10	Closed	23.34	QPSK	25	12	15 mm	back	1:1	0.161	31.27	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	24.00	QPSK	1	74	15 mm	back	1:1	0.191	31.19	29.55
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.05	QPSK	36	37	15 mm	back	1:1	0.167	30.82	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.00	QPSK	1	74	15 mm	back	1:1	0.274	29.62	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.05	QPSK	36	37	15 mm	back	1:1	0.224	29.55	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.67	QPSK	1	49	15 mm	back	1:1	0.130	32.53	30.14
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.62	QPSK	25	25	15 mm	back	1:1	0.105	32.41	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.67	QPSK	1	49	15 mm	back	1:1	0.212	30.41	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	22.62	QPSK	25	25	15 mm	back	1:1	0.177	30.14	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Open	23.71	QPSK	1	99	15 mm	back	1:1	0.736	25.04	24.52
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Open	23.73	QPSK	1	50	15 mm	back	1:1	0.833	24.52	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.91	QPSK	1	99	15 mm	back	1:1	0.668	25.66	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.04	QPSK	50	25	15 mm	back	1:1	0.569	25.49	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	23.02	QPSK	100	0	15 mm	back	1:1	0.576	25.42	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	23.91	QPSK	1	99	15 mm	back	1:1	0.249	29.95	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	23.04	QPSK	50	25	15 mm	back	1:1	0.213	29.76	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Open	24.14	QPSK	1	99	15 mm	back	1:1	0.648	26.02	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	QPSK	1	0	15 mm	back	1:1	0.578	26.75	26.02
1905.00	26590	High	LTE Band 25 (PCS)	20	Open	24.03	QPSK	1	0	15 mm	back	1:1	0.617	26.13	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	23.40	QPSK	50	25	15 mm	back	1:1	0.493	26.47	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	24.37	QPSK	1	0	15 mm	back	1:1	0.264	30.15	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	23.40	QPSK	50	25	15 mm	back	1:1	0.207	30.24	
2310.00	27710	Mid	LTE Band 30	10	Open	23.40	QPSK	1	0	15 mm	back	1:1	0.350	27.96	27.96
2310.00	27710	Mid	LTE Band 30	10	Open	22.45	QPSK	25	0	15 mm	back	1:1	0.280	27.98	
2310.00	27710	Mid	LTE Band 30	10	Closed	23.40	QPSK	1	0	15 mm	back	1:1	0.276	28.99	
2310.00	27710	Mid	LTE Band 30	10	Closed	22.45	QPSK	25	0	15 mm	back	1:1	0.221	29.01	
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	QPSK	1	0	15 mm	back	1:1	0.457	27.42	27.36
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	QPSK	50	25	15 mm	back	1:1	0.373	27.36	
2535.00	21100	Mid	LTE Band 7	20	Closed	24.02	QPSK	1	0	15 mm	back	1:1	0.346	28.63	
2535.00	21100	Mid	LTE Band 7	20	Closed	23.08	QPSK	50	25	15 mm	back	1:1	0.281	28.59	
3646.70	56207	Mid-High	LTE Band 48	20	Open	22.30	QPSK	1	50	15 mm	back	1:1.58	0.218	26.93	26.82
3646.70	56207	Mid-High	LTE Band 48	20	Open	22.27	QPSK	50	25	15 mm	back	1:1.58	0.222	26.82	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	22.30	QPSK	1	50	15 mm	back	1:1.58	0.028	35.84	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	22.27	QPSK	50	25	15 mm	back	1:1.58	0.034	34.97	
2680.00	41490	High	LTE Band 41	20	Open	24.54	QPSK	1	50	15 mm	back	1:1.58	0.219	29.15	29.15
2680.00	41490	High	LTE Band 41	20	Open	23.60	QPSK	50	50	15 mm	back	1:1.58	0.176	29.16	
2680.00	41490	High	LTE Band 41	20	Closed	24.54	QPSK	1	50	15 mm	back	1:1.58	0.160	30.51	
2680.00	41490	High	LTE Band 41	20	Closed	23.60	QPSK	50	50	15 mm	back	1:1.58	0.130	30.47	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Body									
Spatial Peak						1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population						averaged over 1 gram									

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 17 of 57

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

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)		Plim it	Overall Plim it
MHz	Ch.													(W/kg)			
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.187	31.47	30.92
680.50	136100	Mid	NR Band n71	20	Open	24.22	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.214	30.92	
680.50	136100	Mid	NR Band n71	20	Open	23.21	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.142	31.69	
680.50	136100	Mid	NR Band n71	20	Closed	24.19	A	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.131	33.02	
680.50	136100	Mid	NR Band n71	20	Closed	24.22	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.159	32.21	
680.50	136100	Mid	NR Band n71	20	Closed	23.21	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.094	33.48	
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.148	32.25	31.54
707.50	141500	Mid	NR Band n12	15	Open	24.03	A	DFT-S-OFDM	QPSK	36	22	15 mm	back	1:1	0.147	32.36	
707.50	141500	Mid	NR Band n12	15	Open	23.12	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.108	32.79	
707.50	141500	Mid	NR Band n12	15	Closed	23.95	A	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.174	31.54	
707.50	141500	Mid	NR Band n12	15	Closed	24.03	A	DFT-S-OFDM	QPSK	36	22	15 mm	back	1:1	0.167	31.80	
707.50	141500	Mid	NR Band n12	15	Closed	23.12	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.128	32.05	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.80	A	DFT-S-OFDM	QPSK	1	53	15 mm	back	1:1	0.166	31.60	30.09
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.84	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.165	31.67	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.62	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.129	31.51	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	23.80	A	DFT-S-OFDM	QPSK	1	53	15 mm	back	1:1	0.235	30.09	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	23.84	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.235	30.13	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.62	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.176	30.16	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	15 mm	back	1:1	0.559	26.43	26.04
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.590	26.14	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	22.22	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.415	26.04	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	23.90	A	DFT-S-OFDM	QPSK	1	214	15 mm	back	1:1	0.163	31.78	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	23.85	A	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.188	31.11	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	22.22	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.142	30.70	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.043	35.30	35.30
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.66	I	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.039	35.75	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.62	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.041	35.49	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	21.63	I	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.006	43.85	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	21.66	I	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.006	43.88	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	21.62	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.006	43.84	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	15 mm	back	1:1	0.510	26.65	26.43
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.454	26.93	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	22.16	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.374	26.43	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	23.73	A	DFT-S-OFDM	QPSK	1	214	15 mm	back	1:1	0.226	30.19	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	23.50	A	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.208	30.32	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	22.16	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.153	30.31	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.49	I	DFT-S-OFDM	QPSK	1	214	15 mm	back	1:1	0.214	31.19	28.89
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.35	I	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.327	29.20	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	22.99	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.257	28.89	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	24.49	I	DFT-S-OFDM	QPSK	1	214	15 mm	back	1:1	0.030	39.72	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	24.35	I	DFT-S-OFDM	QPSK	108	54	15 mm	back	1:1	0.029	39.73	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	22.99	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.028	38.52	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	A	DFT-S-OFDM	QPSK	1	26	15 mm	back	1:1	0.215	29.41	29.16
2310.00	462000	Mid	NR Band n30	10	Open	22.46	A	DFT-S-OFDM	QPSK	25	14	15 mm	back	1:1	0.213	29.18	
2310.00	462000	Mid	NR Band n30	10	Open	21.15	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.158	29.16	
2310.00	462000	Mid	NR Band n30	10	Closed	22.73	A	DFT-S-OFDM	QPSK	1	26	15 mm	back	1:1	0.197	29.79	
2310.00	462000	Mid	NR Band n30	10	Closed	22.46	A	DFT-S-OFDM	QPSK	25	14	15 mm	back	1:1	0.197	29.52	
2310.00	462000	Mid	NR Band n30	10	Closed	21.15	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.137	29.78	
2592.99	518598	Mid	NR Band n41	100	Open	21.55	I	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.197	28.61	27.53
2592.99	518598	Mid	NR Band n41	100	Open	21.61	I	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.209	28.41	
2592.99	518598	Mid	NR Band n41	100	Open	21.05	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.225	27.53	
2592.99	518598	Mid	NR Band n41	100	Closed	21.55	I	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.075	32.80	
2592.99	518598	Mid	NR Band n41	100	Closed	21.61	I	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.076	32.80	
2592.99	518598	Mid	NR Band n41	100	Closed	21.05	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.072	32.48	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body										
Spatial Peak							1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population							averaged over 1 gram										

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 18 of 57

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

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.151	26.98	26.08
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.150	26.91	
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.66	F	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.181	26.08	
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.58	I	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.048	29.77	29.68
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.58	I	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.049	29.68	
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.046	29.76	
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.02	E	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.026	31.87	31.57
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.04	E	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.028	31.57	
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.96	E	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.027	31.65	
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.024	29.23	28.56
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.87	C	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.027	28.56	
3500.01	633334	Mid	NR Band n77 DoD	100	Open	12.96	C	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.026	28.81	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	18.77	F	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.020	35.76	35.76
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	18.67	F	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.018	36.12	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	18.66	F	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.019	35.87	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	16.58	I	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.008	37.55	37.55
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	16.58	I	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.007	38.13	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	16.39	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.007	37.94	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	16.02	E	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.007	37.57	37.51
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	16.04	E	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.007	37.59	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	15.96	E	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.007	37.51	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	13.03	C	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.027	28.72	28.72
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	12.87	C	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.021	29.65	
3500.01	633334	Mid	NR Band n77 DoD	100	Closed	12.96	C	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.019	30.17	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Body									
Spatial Peak								1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population								averaged over 1 gram									

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

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Table A-33
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
3930.00	662000	High	NR Band n77	100	Open	19.28	F	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.231	25.64	25.59
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.229	25.59	
3930.00	662000	High	NR Band n77	100	Open	19.17	F	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.227	25.61	
3750.00	650000	Low	NR Band n77	100	Open	16.76	I	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.019	33.97	32.43
3750.00	650000	Low	NR Band n77	100	Open	16.77	I	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.025	32.79	
3750.00	650000	Low	NR Band n77	100	Open	16.74	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.027	32.43	
3930.00	662000	High	NR Band n77	100	Open	17.04	E	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.040	31.02	30.17
3930.00	662000	High	NR Band n77	100	Open	16.93	E	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.045	30.40	
3930.00	662000	High	NR Band n77	100	Open	16.89	E	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.047	30.17	
3930.00	662000	High	NR Band n77	100	Open	13.01	C	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.027	28.70	28.24
3930.00	662000	High	NR Band n77	100	Open	13.00	C	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.029	28.38	
3930.00	662000	High	NR Band n77	100	Open	12.86	C	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.029	28.24	
3930.00	662000	High	NR Band n77	100	Closed	19.28	F	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.084	30.04	29.85
3930.00	662000	High	NR Band n77	100	Closed	19.19	F	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.086	29.85	
3930.00	662000	High	NR Band n77	100	Closed	19.17	F	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.071	30.66	
3750.00	650000	Low	NR Band n77	100	Closed	16.76	I	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.001	46.76	38.96
3750.00	650000	Low	NR Band n77	100	Closed	16.77	I	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.000	56.77	
3750.00	650000	Low	NR Band n77	100	Closed	16.74	I	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.006	38.96	
3930.00	662000	High	NR Band n77	100	Closed	17.04	E	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.013	35.90	35.75
3930.00	662000	High	NR Band n77	100	Closed	16.93	E	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.011	36.52	
3930.00	662000	High	NR Band n77	100	Closed	16.89	E	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.013	35.75	
3930.00	662000	High	NR Band n77	100	Closed	13.01	C	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.038	27.21	26.84
3930.00	662000	High	NR Band n77	100	Closed	13.00	C	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.037	27.32	
3930.00	662000	High	NR Band n77	100	Closed	12.86	C	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.040	26.84	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Body 1.6 W/kg (mW/g) averaged over 1 gram									

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

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Table A-34
DSI = 3 P_{Limit} Calculations – 2G/3G Hotspot SAR

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Calculated Power (dBm)	Spectrum	Form Factor	at Test Date	Duty Cycle	Site	SAR (W/kg)	Plane	Overall Peak	
Min	Ch												
824.70	1013	Cell CDMA	EUTRA-0	23.01	10 mm	Open	N/A	1.1	back	0.061	28.52	28.52	
824.70	1013	Cell CDMA	EUTRA-0	23.01	10 mm	Open	N/A	1.1	front	0.175	30.50		
824.70	1013	Cell CDMA	EUTRA-0	23.01	10 mm	Open	N/A	1.1	bottom	0.113	32.40		
824.70	1013	Cell CDMA	EUTRA-0	23.01	10 mm	Open	N/A	1.1	right	0.190	30.22		
824.70	1013	Cell CDMA	EUTRA-0	23.01	10 mm	Open	N/A	1.1	left	0.119	32.25		
824.70	1013	Cell CDMA	EUTRA-0	23.01	5 mm	Closed	N/A	1.1	back	0.050	24.88		
836.52	384	Cell CDMA	EUTRA-0	22.88	5 mm	Closed	N/A	1.1	back	0.034	24.94	24.88	
848.31	777	Cell CDMA	EUTRA-0	22.88	5 mm	Closed	N/A	1.1	back	0.498	25.98		
824.70	1013	Cell CDMA	EUTRA-0	23.01	5 mm	Closed	N/A	1.1	front	0.268	28.73		
824.70	1013	Cell CDMA	EUTRA-0	23.01	5 mm	Closed	N/A	1.1	bottom	0.193	30.15		
824.70	1013	Cell CDMA	EUTRA-0	23.01	5 mm	Closed	N/A	1.1	right	0.085	33.72		
824.70	1013	Cell CDMA	EUTRA-0	23.01	5 mm	Closed	N/A	1.1	left	0.146	31.37		
1880.00	600	PCS CDMA	EUTRA-0	18.29	10 mm	Open	N/A	1.1	back	0.436	21.90	19.71	
1880.00	600	PCS CDMA	EUTRA-0	18.29	10 mm	Open	N/A	1.1	front	0.285	23.74		
1851.25	25	PCS CDMA	EUTRA-0	18.29	10 mm	Open	N/A	1.1	bottom	0.597	20.52		
1880.00	600	PCS CDMA	EUTRA-0	18.29	10 mm	Open	N/A	1.1	bottom	0.580	20.81		
1908.75	1175	PCS CDMA	EUTRA-0	18.15	10 mm	Open	N/A	1.1	bottom	0.888	19.71		
1880.00	600	PCS CDMA	EUTRA-0	18.29	10 mm	Open	N/A	1.1	right	0.035	32.85		
1880.00	600	PCS CDMA	EUTRA-0	18.29	10 mm	Open	N/A	1.1	left	0.028	33.82	20.06	
1880.00	600	PCS CDMA	EUTRA-0	18.29	5 mm	Closed	N/A	1.1	back	0.310	23.31		
1880.00	600	PCS CDMA	EUTRA-0	18.29	5 mm	Closed	N/A	1.1	front	0.181	25.48		
1851.25	25	PCS CDMA	EUTRA-0	18.29	5 mm	Closed	N/A	1.1	bottom	0.884	20.06		
1880.00	600	PCS CDMA	EUTRA-0	18.29	5 mm	Closed	N/A	1.1	bottom	0.829	20.30		
1908.75	1175	PCS CDMA	EUTRA-0	18.15	5 mm	Closed	N/A	1.1	bottom	0.822	20.28		
1880.00	600	PCS CDMA	EUTRA-0	18.29	5 mm	Closed	N/A	1.1	right	0.045	31.78	26.29	
1880.00	600	PCS CDMA	EUTRA-0	18.29	5 mm	Closed	N/A	1.1	left	0.245	28.12		
836.60	180	GSM 850	GPSS	24.24	10 mm	Open	4	12/01/18	back	0.200	28.29		
836.60	180	GSM 850	GPSS	24.24	10 mm	Open	4	12/01/18	front	0.137	29.60		
836.60	180	GSM 850	GPSS	24.24	10 mm	Open	4	12/01/18	bottom	0.113	30.53		
836.60	180	GSM 850	GPSS	24.24	10 mm	Open	4	12/01/18	right	0.139	29.63		
836.60	180	GSM 850	GPSS	24.24	10 mm	Open	4	12/01/18	left	0.030	36.29	26.04	
836.60	180	GSM 850	GPSS	24.24	5 mm	Closed	4	12/01/18	back	0.318	26.04		
836.60	180	GSM 850	GPSS	24.24	5 mm	Closed	4	12/01/18	front	0.141	29.57		
836.60	180	GSM 850	GPSS	24.24	5 mm	Closed	4	12/01/18	bottom	0.126	30.86		
836.60	180	GSM 850	GPSS	24.24	5 mm	Closed	4	12/01/18	right	0.041	34.93		
836.60	180	GSM 850	GPSS	24.24	5 mm	Closed	4	12/01/18	left	0.094	32.00		
1909.85	810	GSM 1900	GPSS	22.78	10 mm	Open	4	12/01/18	back	0.220	22.84	20.85	
1909.85	810	GSM 1900	GPSS	22.78	10 mm	Open	4	12/01/18	front	0.220	24.11		
1850.25	512	GSM 1900	GPSS	22.31	10 mm	Open	4	12/01/18	bottom	0.023	31.18		
1880.00	810	GSM 1900	GPSS	22.00	10 mm	Open	4	12/01/18	bottom	0.026	30.88		
1880.00	810	GSM 1900	GPSS	22.00	10 mm	Open	4	12/01/18	bottom	0.009	31.38		
1880.00	810	GSM 1900	GPSS	22.34	10 mm	Open	4	12/01/18	right	0.021	34.26	20.05	
1880.00	810	GSM 1900	GPSS	22.34	10 mm	Open	4	12/01/18	left	0.020	33.87		
1880.00	810	GSM 1900	GPSS	22.00	5 mm	Closed	4	12/01/18	back	0.225	24.10		
1880.00	810	GSM 1900	GPSS	22.00	5 mm	Closed	4	12/01/18	front	0.220	25.74		
1850.25	512	GSM 1900	GPSS	22.31	5 mm	Closed	4	12/01/18	bottom	0.718	20.97		
1880.00	810	GSM 1900	GPSS	22.00	5 mm	Closed	4	12/01/18	bottom	0.754	20.05		
1880.00	810	GSM 1900	GPSS	22.34	5 mm	Closed	4	12/01/18	bottom	0.740	20.41	28.73	
1880.00	810	GSM 1900	GPSS	22.34	5 mm	Closed	4	12/01/18	right	0.026	33.80		
1880.00	810	GSM 1900	GPSS	22.34	5 mm	Closed	4	12/01/18	left	0.082	31.24		
826.40	4132	UMTS 850	FRAC	23.00	10 mm	Open	N/A	1.1	back	0.287	28.73		
826.40	4132	UMTS 850	FRAC	23.00	10 mm	Open	N/A	1.1	front	0.181	30.93		
826.40	4132	UMTS 850	FRAC	23.00	10 mm	Open	N/A	1.1	bottom	0.125	32.03	24.33	
826.40	4132	UMTS 850	FRAC	23.00	10 mm	Open	N/A	1.1	right	0.183	30.14		
826.40	4132	UMTS 850	FRAC	23.00	10 mm	Open	N/A	1.1	left	0.048	36.10		
826.40	4132	UMTS 850	FRAC	23.00	5 mm	Closed	N/A	1.1	back	0.737	24.33		
826.40	4132	UMTS 850	FRAC	22.99	5 mm	Closed	N/A	1.1	back	0.697	24.56		
840.60	4223	UMTS 850	FRAC	22.02	5 mm	Closed	N/A	1.1	back	0.590	25.21	21.86	
826.40	4132	UMTS 850	FRAC	23.00	5 mm	Closed	N/A	1.1	front	0.295	28.45		
826.40	4132	UMTS 850	FRAC	23.00	5 mm	Closed	N/A	1.1	bottom	0.201	29.97		
826.40	4132	UMTS 850	FRAC	23.00	5 mm	Closed	N/A	1.1	right	0.090	33.46		
826.40	4132	UMTS 850	FRAC	23.00	5 mm	Closed	N/A	1.1	left	0.137	31.63		
1732.40	1412	UMTS 1750	FRAC	18.40	10 mm	Open	N/A	1.1	back	0.391	22.53	19.20	
1732.40	1412	UMTS 1750	FRAC	18.40	10 mm	Open	N/A	1.1	front	0.287	23.87		
1732.40	1412	UMTS 1750	FRAC	18.40	10 mm	Open	N/A	1.1	bottom	0.456	21.86		
1732.40	1412	UMTS 1750	FRAC	18.40	10 mm	Open	N/A	1.1	right	0.039	32.54		
1732.40	1412	UMTS 1750	FRAC	18.40	10 mm	Open	N/A	1.1	left	0.073	29.82		
1732.40	1412	UMTS 1750	FRAC	18.40	5 mm	Closed	N/A	1.1	back	0.532	21.19	19.20	
1732.40	1412	UMTS 1750	FRAC	18.40	5 mm	Closed	N/A	1.1	front	0.223	25.17		
1732.40	1312	UMTS 1750	FRAC	18.40	5 mm	Closed	N/A	1.1	bottom	0.824	19.20		
1732.40	1412	UMTS 1750	FRAC	18.40	5 mm	Closed	N/A	1.1	bottom	0.756	19.66		
1732.40	1513	UMTS 1750	FRAC	18.38	5 mm	Closed	N/A	1.1	bottom	0.600	20.60		
1732.40	1412	UMTS 1750	FRAC	18.40	5 mm	Closed	N/A	1.1	right	0.021	35.23	19.20	
1732.40	1412	UMTS 1750	FRAC	18.40	5 mm	Closed	N/A	1.1	left	0.135	28.95		
1852.40	0262	UMTS 1900	FRAC	18.01	10 mm	Open	N/A	1.1	back	0.349	22.58		
1852.40	0262	UMTS 1900	FRAC	18.01	10 mm	Open	N/A	1.1	front	0.281	23.52		
1852.40	0262	UMTS 1900	FRAC	18.01	10 mm	Open	N/A	1.1	bottom	0.555	20.57		
1880.00	0400	UMTS 1900	FRAC	17.95	10 mm	Open	N/A	1.1	bottom	0.578	20.33	19.90	
1907.60	0538	UMTS 1900	FRAC	18.00	10 mm	Open	N/A	1.1	bottom	0.645	19.90		
1852.40	0262	UMTS 1900	FRAC	18.01	10 mm	Open	N/A	1.1	right	0.038	32.21		
1852.40	0262	UMTS 1900	FRAC	18.01	10 mm	Open	N/A	1.1	left	0.041	31.88		
1852.40	0262	UMTS 1900	FRAC	18.01	5 mm	Closed	N/A	1.1	back	0.293	23.34		
1852.40	0262	UMTS 1900	FRAC	18.01	5 mm	Closed	N/A	1.1	front	0.178	25.51	19.20	
1852.40	0262	UMTS 1900	FRAC	18.01	5 mm	Closed	N/A	1.1	bottom	0.760	19.20		
1880.00	0400	UMTS 1900	FRAC	17.95	5 mm	Closed	N/A	1.1	bottom	0.676	19.85		
1907.60	0538	UMTS 1900	FRAC	18.00	5 mm	Closed	N/A	1.1	bottom	0.661	19.80		
1852.40	0262	UMTS 1900	FRAC	18.01	5 mm	Closed	N/A	1.1	right	0.048	31.20		
1852.40	0262	UMTS 1900	FRAC	18.01	5 mm	Closed	N/A	1.1	left	0.142	26.49		
ANSI / IEEE C63.1 1992 - SAFETY LIMIT						Body							
Spatial Peak						LA Weight (porting)							
Uncontrolled Exposure (General Population)						averaged over 2 g/60s							

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

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	22.73	QPSK	1	50	10 mm	back	1:1	0.218	29.35	29.35
680.50	133297	Mid	LTE Band 71	20	Open	22.78	QPSK	50	25	10 mm	back	1:1	0.219	29.38	
680.50	133297	Mid	LTE Band 71	20	Open	22.73	QPSK	1	50	10 mm	front	1:1	0.174	30.32	
680.50	133297	Mid	LTE Band 71	20	Open	22.78	QPSK	50	25	10 mm	front	1:1	0.176	30.32	
680.50	133297	Mid	LTE Band 71	20	Open	22.73	QPSK	1	50	10 mm	bottom	1:1	0.053	35.49	
680.50	133297	Mid	LTE Band 71	20	Open	22.78	QPSK	50	25	10 mm	bottom	1:1	0.041	36.65	
680.50	133297	Mid	LTE Band 71	20	Open	22.73	QPSK	1	50	10 mm	right	1:1	0.206	29.59	
680.50	133297	Mid	LTE Band 71	20	Open	22.78	QPSK	50	25	10 mm	right	1:1	0.214	29.48	
680.50	133297	Mid	LTE Band 71	20	Open	22.73	QPSK	1	50	10 mm	left	1:1	0.151	30.94	
680.50	133297	Mid	LTE Band 71	20	Open	22.78	QPSK	50	25	10 mm	left	1:1	0.152	30.96	
680.50	133297	Mid	LTE Band 71	20	Closed	22.73	QPSK	1	50	5 mm	back	1:1	0.536	25.44	25.41
680.50	133297	Mid	LTE Band 71	20	Closed	22.78	QPSK	50	25	5 mm	back	1:1	0.546	25.41	
680.50	133297	Mid	LTE Band 71	20	Closed	22.73	QPSK	1	50	5 mm	front	1:1	0.236	29.00	
680.50	133297	Mid	LTE Band 71	20	Closed	22.78	QPSK	50	25	5 mm	front	1:1	0.239	29.00	
680.50	133297	Mid	LTE Band 71	20	Closed	22.73	QPSK	1	50	5 mm	bottom	1:1	0.132	31.52	
680.50	133297	Mid	LTE Band 71	20	Closed	22.78	QPSK	50	25	5 mm	bottom	1:1	0.131	31.61	
680.50	133297	Mid	LTE Band 71	20	Closed	22.73	QPSK	1	50	5 mm	right	1:1	0.055	35.33	
680.50	133297	Mid	LTE Band 71	20	Closed	22.78	QPSK	50	25	5 mm	right	1:1	0.056	35.30	
680.50	133297	Mid	LTE Band 71	20	Closed	22.73	QPSK	1	50	5 mm	left	1:1	0.146	31.09	
680.50	133297	Mid	LTE Band 71	20	Closed	22.78	QPSK	50	25	5 mm	left	1:1	0.149	31.05	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-36
DSI = 3 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	22.78	QPSK	1	25	10 mm	back	1:1	0.172	30.42	30.42
707.50	23095	Mid	LTE Band 12	10	Open	22.85	QPSK	25	12	10 mm	back	1:1	0.171	30.52	
707.50	23095	Mid	LTE Band 12	10	Open	22.78	QPSK	1	25	10 mm	front	1:1	0.130	31.64	
707.50	23095	Mid	LTE Band 12	10	Open	22.85	QPSK	25	12	10 mm	front	1:1	0.135	31.55	
707.50	23095	Mid	LTE Band 12	10	Open	22.78	QPSK	1	25	10 mm	bottom	1:1	0.032	37.73	
707.50	23095	Mid	LTE Band 12	10	Open	22.85	QPSK	25	12	10 mm	bottom	1:1	0.032	37.80	
707.50	23095	Mid	LTE Band 12	10	Open	22.78	QPSK	1	25	10 mm	right	1:1	0.139	31.35	
707.50	23095	Mid	LTE Band 12	10	Open	22.85	QPSK	25	12	10 mm	right	1:1	0.140	31.39	
707.50	23095	Mid	LTE Band 12	10	Open	22.78	QPSK	1	25	10 mm	left	1:1	0.084	33.54	
707.50	23095	Mid	LTE Band 12	10	Open	22.85	QPSK	25	12	10 mm	left	1:1	0.086	33.51	
707.50	23095	Mid	LTE Band 12	10	Closed	22.78	QPSK	1	25	5 mm	back	1:1	0.476	26.00	25.97
707.50	23095	Mid	LTE Band 12	10	Closed	22.85	QPSK	25	12	5 mm	back	1:1	0.487	25.97	
707.50	23095	Mid	LTE Band 12	10	Closed	22.78	QPSK	1	25	5 mm	front	1:1	0.162	30.68	
707.50	23095	Mid	LTE Band 12	10	Closed	22.85	QPSK	25	12	5 mm	front	1:1	0.163	30.73	
707.50	23095	Mid	LTE Band 12	10	Closed	22.78	QPSK	1	25	5 mm	bottom	1:1	0.055	35.38	
707.50	23095	Mid	LTE Band 12	10	Closed	22.85	QPSK	25	12	5 mm	bottom	1:1	0.056	35.37	
707.50	23095	Mid	LTE Band 12	10	Closed	22.78	QPSK	1	25	5 mm	right	1:1	0.068	34.45	
707.50	23095	Mid	LTE Band 12	10	Closed	22.85	QPSK	25	12	5 mm	right	1:1	0.069	34.46	
707.50	23095	Mid	LTE Band 12	10	Closed	22.78	QPSK	1	25	5 mm	left	1:1	0.162	30.68	
707.50	23095	Mid	LTE Band 12	10	Closed	22.85	QPSK	25	12	5 mm	left	1:1	0.163	30.73	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-37
DSI = 3 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	22.84	QPSK	1	49	10 mm	back	1:1	0.206	29.70	29.43
782.00	23230	Mid	LTE Band 13	10	Open	22.89	QPSK	25	12	10 mm	back	1:1	0.222	29.43	
782.00	23230	Mid	LTE Band 13	10	Open	22.84	QPSK	1	49	10 mm	front	1:1	0.152	31.02	
782.00	23230	Mid	LTE Band 13	10	Open	22.89	QPSK	25	12	10 mm	front	1:1	0.172	30.53	
782.00	23230	Mid	LTE Band 13	10	Open	22.84	QPSK	1	49	10 mm	bottom	1:1	0.094	33.11	
782.00	23230	Mid	LTE Band 13	10	Open	22.89	QPSK	25	12	10 mm	bottom	1:1	0.102	32.80	
782.00	23230	Mid	LTE Band 13	10	Open	22.84	QPSK	1	49	10 mm	right	1:1	0.175	30.41	
782.00	23230	Mid	LTE Band 13	10	Open	22.89	QPSK	25	12	10 mm	right	1:1	0.193	30.03	
782.00	23230	Mid	LTE Band 13	10	Open	22.84	QPSK	1	49	10 mm	left	1:1	0.106	32.59	
782.00	23230	Mid	LTE Band 13	10	Open	22.89	QPSK	25	12	10 mm	left	1:1	0.108	32.56	
782.00	23230	Mid	LTE Band 13	10	Closed	22.84	QPSK	1	49	5 mm	back	1:1	0.388	26.95	26.95
782.00	23230	Mid	LTE Band 13	10	Closed	22.89	QPSK	25	12	5 mm	back	1:1	0.361	27.31	
782.00	23230	Mid	LTE Band 13	10	Closed	22.84	QPSK	1	49	5 mm	front	1:1	0.069	34.45	
782.00	23230	Mid	LTE Band 13	10	Closed	22.89	QPSK	25	12	5 mm	front	1:1	0.075	34.14	
782.00	23230	Mid	LTE Band 13	10	Closed	22.84	QPSK	1	49	5 mm	bottom	1:1	0.192	30.01	
782.00	23230	Mid	LTE Band 13	10	Closed	22.89	QPSK	25	12	5 mm	bottom	1:1	0.194	30.01	
782.00	23230	Mid	LTE Band 13	10	Closed	22.84	QPSK	1	49	5 mm	right	1:1	0.051	35.76	
782.00	23230	Mid	LTE Band 13	10	Closed	22.89	QPSK	25	12	5 mm	right	1:1	0.065	34.76	
782.00	23230	Mid	LTE Band 13	10	Closed	22.84	QPSK	1	49	5 mm	left	1:1	0.094	33.11	
782.00	23230	Mid	LTE Band 13	10	Closed	22.89	QPSK	25	12	5 mm	left	1:1	0.104	32.72	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset		APPENDIX A: Page 24 of 57

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	22.84	QPSK	1	25	10 mm	back	1:1	0.200	29.83	29.73
793.00	23330	Mid	LTE Band 14	10	Open	22.89	QPSK	25	12	10 mm	back	1:1	0.207	29.73	
793.00	23330	Mid	LTE Band 14	10	Open	22.84	QPSK	1	25	10 mm	front	1:1	0.157	30.88	
793.00	23330	Mid	LTE Band 14	10	Open	22.89	QPSK	25	12	10 mm	front	1:1	0.161	30.82	
793.00	23330	Mid	LTE Band 14	10	Open	22.84	QPSK	1	25	10 mm	bottom	1:1	0.107	32.55	
793.00	23330	Mid	LTE Band 14	10	Open	22.89	QPSK	25	12	10 mm	bottom	1:1	0.105	32.68	
793.00	23330	Mid	LTE Band 14	10	Open	22.84	QPSK	1	25	10 mm	right	1:1	0.174	30.43	
793.00	23330	Mid	LTE Band 14	10	Open	22.89	QPSK	25	12	10 mm	right	1:1	0.181	30.31	
793.00	23330	Mid	LTE Band 14	10	Open	22.84	QPSK	1	25	10 mm	left	1:1	0.100	32.84	
793.00	23330	Mid	LTE Band 14	10	Open	22.89	QPSK	25	12	10 mm	left	1:1	0.102	32.80	
793.00	23330	Mid	LTE Band 14	10	Closed	22.84	QPSK	1	25	5 mm	back	1:1	0.521	25.67	25.63
793.00	23330	Mid	LTE Band 14	10	Closed	22.89	QPSK	25	12	5 mm	back	1:1	0.532	25.63	
793.00	23330	Mid	LTE Band 14	10	Closed	22.84	QPSK	1	25	5 mm	front	1:1	0.079	33.86	
793.00	23330	Mid	LTE Band 14	10	Closed	22.89	QPSK	25	12	5 mm	front	1:1	0.084	33.65	
793.00	23330	Mid	LTE Band 14	10	Closed	22.84	QPSK	1	25	5 mm	bottom	1:1	0.221	29.40	
793.00	23330	Mid	LTE Band 14	10	Closed	22.89	QPSK	25	12	5 mm	bottom	1:1	0.226	29.35	
793.00	23330	Mid	LTE Band 14	10	Closed	22.84	QPSK	1	25	5 mm	right	1:1	0.072	34.27	
793.00	23330	Mid	LTE Band 14	10	Closed	22.89	QPSK	25	12	5 mm	right	1:1	0.075	34.14	
793.00	23330	Mid	LTE Band 14	10	Closed	22.84	QPSK	1	25	5 mm	left	1:1	0.088	33.40	
793.00	23330	Mid	LTE Band 14	10	Closed	22.89	QPSK	25	12	5 mm	left	1:1	0.095	33.11	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT															
Spatial Peak							Body								
Uncontrolled Exposure/General Population							1.6 W/kg (mW/g)								
							averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-39
DSI = 3 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	23.06	QPSK	1	74	10 mm	back	1:1	0.230	29.44	29.20
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.04	QPSK	36	37	10 mm	back	1:1	0.242	29.20	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.06	QPSK	1	74	10 mm	front	1:1	0.148	31.36	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.04	QPSK	36	37	10 mm	front	1:1	0.159	31.03	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.06	QPSK	1	74	10 mm	bottom	1:1	0.097	33.19	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.04	QPSK	36	37	10 mm	bottom	1:1	0.101	33.00	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.06	QPSK	1	74	10 mm	right	1:1	0.180	30.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.04	QPSK	36	37	10 mm	right	1:1	0.198	30.07	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.06	QPSK	1	74	10 mm	left	1:1	0.088	33.62	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Open	23.04	QPSK	36	37	10 mm	left	1:1	0.107	32.75	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.06	QPSK	1	74	5 mm	back	1:1	0.567	25.52	25.37
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.04	QPSK	36	37	5 mm	back	1:1	0.585	25.37	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.06	QPSK	1	74	5 mm	front	1:1	0.101	33.02	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.04	QPSK	36	37	5 mm	front	1:1	0.107	32.75	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.06	QPSK	1	74	5 mm	bottom	1:1	0.178	30.56	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.04	QPSK	36	37	5 mm	bottom	1:1	0.184	30.39	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.06	QPSK	1	74	5 mm	right	1:1	0.087	33.66	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.04	QPSK	36	37	5 mm	right	1:1	0.089	33.55	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.06	QPSK	1	74	5 mm	left	1:1	0.110	32.65	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.04	QPSK	36	37	5 mm	left	1:1	0.123	32.14	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak															
Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-40
DSI = 3 P_{Limit} Calculations – LTE Band 5 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	22.82	QPSK	1	49	10 mm	back	1:1	0.181	30.24	30.24
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.00	QPSK	25	25	10 mm	back	1:1	0.187	30.28	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.82	QPSK	1	49	10 mm	front	1:1	0.137	31.45	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.00	QPSK	25	25	10 mm	front	1:1	0.142	31.48	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.82	QPSK	1	49	10 mm	bottom	1:1	0.088	33.38	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.00	QPSK	25	25	10 mm	bottom	1:1	0.091	33.41	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.82	QPSK	1	49	10 mm	right	1:1	0.143	31.27	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.00	QPSK	25	25	10 mm	right	1:1	0.151	31.21	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	22.82	QPSK	1	49	10 mm	left	1:1	0.073	34.19	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Open	23.00	QPSK	25	25	10 mm	left	1:1	0.078	34.08	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	22.82	QPSK	1	49	5 mm	back	1:1	0.489	25.93	25.93
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.00	QPSK	25	25	5 mm	back	1:1	0.463	26.34	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	22.82	QPSK	1	49	5 mm	front	1:1	0.129	31.71	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.00	QPSK	25	25	5 mm	front	1:1	0.142	31.48	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	22.82	QPSK	1	49	5 mm	bottom	1:1	0.170	30.52	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.00	QPSK	25	25	5 mm	bottom	1:1	0.173	30.62	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	22.82	QPSK	1	49	5 mm	right	1:1	0.098	32.91	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.00	QPSK	25	25	5 mm	right	1:1	0.094	33.27	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	22.82	QPSK	1	49	5 mm	left	1:1	0.096	33.00	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.00	QPSK	25	25	5 mm	left	1:1	0.106	32.75	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT															
Spatial Peak							Body								
Uncontrolled Exposure/General Population							1.6 W/kg (mW/g)								
							averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-41
DSI = 3 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.74	QPSK	1	99	10 mm	back	1:1	0.446	22.25	20.69
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.93	QPSK	50	25	10 mm	back	1:1	0.460	22.30	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.74	QPSK	1	99	10 mm	front	1:1	0.329	23.57	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.93	QPSK	50	25	10 mm	front	1:1	0.354	23.44	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Open	18.73	QPSK	1	50	10 mm	bottom	1:1	0.501	21.73	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Open	18.55	QPSK	1	50	10 mm	bottom	1:1	0.611	20.69	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.74	QPSK	1	99	10 mm	bottom	1:1	0.571	21.17	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.93	QPSK	50	25	10 mm	bottom	1:1	0.581	21.29	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.74	QPSK	1	99	10 mm	right	1:1	0.034	33.43	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.93	QPSK	50	25	10 mm	right	1:1	0.037	33.25	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.74	QPSK	1	99	10 mm	left	1:1	0.036	33.18	
1770.00	132572	High	LTE Band 66 (AWS)	20	Open	18.93	QPSK	50	25	10 mm	left	1:1	0.053	31.69	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.74	QPSK	1	99	5 mm	back	1:1	0.674	20.45	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.93	QPSK	50	25	5 mm	back	1:1	0.710	20.42	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.74	QPSK	1	99	5 mm	front	1:1	0.166	26.54	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.93	QPSK	50	25	5 mm	front	1:1	0.187	26.21	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	18.73	QPSK	1	50	5 mm	bottom	1:1	0.797	19.72	19.35
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	18.55	QPSK	1	50	5 mm	bottom	1:1	0.831	19.35	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.74	QPSK	1	99	5 mm	bottom	1:1	0.791	19.76	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	18.92	QPSK	50	25	5 mm	bottom	1:1	0.820	19.78	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	18.73	QPSK	50	50	5 mm	bottom	1:1	0.842	19.48	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.93	QPSK	50	25	5 mm	bottom	1:1	0.907	19.35	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.73	QPSK	100	0	5 mm	bottom	1:1	0.865	19.36	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.74	QPSK	1	99	5 mm	right	1:1	0.032	33.69	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.93	QPSK	50	25	5 mm	right	1:1	0.035	33.49	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.74	QPSK	1	99	5 mm	left	1:1	0.132	27.53	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	18.93	QPSK	50	25	5 mm	left	1:1	0.153	27.08	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body								
Spatial Peak							1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population							averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-42
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit
MHz	Ch.												(W/kg)	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.86	QPSK	1	99	10 mm	back	1:1	0.394	22.91
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.90	QPSK	50	25	10 mm	back	1:1	0.387	23.02
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.86	QPSK	1	99	10 mm	front	1:1	0.321	23.79
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.90	QPSK	50	25	10 mm	front	1:1	0.317	23.89
1860.00	26140	Low	LTE Band 25 (PCS)	20	Open	18.61	QPSK	1	99	10 mm	bottom	1:1	0.514	21.50
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.86	QPSK	1	99	10 mm	bottom	1:1	0.581	21.22
1905.00	26590	High	LTE Band 25 (PCS)	20	Open	18.72	QPSK	1	0	10 mm	bottom	1:1	0.623	20.78
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.90	QPSK	50	25	10 mm	bottom	1:1	0.577	21.29
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.74	QPSK	100	0	10 mm	bottom	1:1	0.562	21.24
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.86	QPSK	1	99	10 mm	right	1:1	0.029	34.24
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.90	QPSK	50	25	10 mm	right	1:1	0.030	34.13
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.86	QPSK	1	99	10 mm	left	1:1	0.019	36.07
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	18.90	QPSK	50	25	10 mm	left	1:1	0.018	36.35
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.86	QPSK	1	99	5 mm	back	1:1	0.432	22.51
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.90	QPSK	50	25	5 mm	back	1:1	0.417	22.70
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.86	QPSK	1	99	5 mm	front	1:1	0.129	27.75
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.90	QPSK	50	25	5 mm	front	1:1	0.122	28.04
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	18.61	QPSK	1	99	5 mm	bottom	1:1	0.719	20.04
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.86	QPSK	1	99	5 mm	bottom	1:1	0.825	19.70
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.72	QPSK	1	0	5 mm	bottom	1:1	0.895	19.20
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	18.85	QPSK	50	50	5 mm	bottom	1:1	0.717	20.29
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.90	QPSK	50	25	5 mm	bottom	1:1	0.810	19.82
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.89	QPSK	50	0	5 mm	bottom	1:1	0.939	19.16
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.74	QPSK	100	0	5 mm	bottom	1:1	0.790	19.76
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.86	QPSK	1	99	5 mm	right	1:1	0.025	34.88
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.90	QPSK	50	25	5 mm	right	1:1	0.023	35.28
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.86	QPSK	1	99	5 mm	left	1:1	0.038	33.06
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.90	QPSK	50	25	5 mm	left	1:1	0.041	32.77
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram							

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 29 of 57

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	17.95	QPSK	1	0	10 mm	back	1:1	0.203	24.88	21.31
2310.00	27710	Mid	LTE Band 30	10	Open	18.00	QPSK	25	12	10 mm	back	1:1	0.198	25.03	
2310.00	27710	Mid	LTE Band 30	10	Open	17.95	QPSK	1	0	10 mm	front	1:1	0.139	26.52	
2310.00	27710	Mid	LTE Band 30	10	Open	18.00	QPSK	25	12	10 mm	front	1:1	0.136	26.66	
2310.00	27710	Mid	LTE Band 30	10	Open	17.95	QPSK	1	0	10 mm	bottom	1:1	0.461	21.31	
2310.00	27710	Mid	LTE Band 30	10	Open	18.00	QPSK	25	12	10 mm	bottom	1:1	0.454	21.43	
2310.00	27710	Mid	LTE Band 30	10	Open	17.95	QPSK	1	0	10 mm	right	1:1	0.009	38.41	
2310.00	27710	Mid	LTE Band 30	10	Open	18.00	QPSK	25	12	10 mm	right	1:1	0.011	37.59	
2310.00	27710	Mid	LTE Band 30	10	Open	17.95	QPSK	1	0	10 mm	left	1:1	0.017	35.65	
2310.00	27710	Mid	LTE Band 30	10	Open	18.00	QPSK	25	12	10 mm	left	1:1	0.017	35.70	
2310.00	27710	Mid	LTE Band 30	10	Closed	17.95	QPSK	1	0	5 mm	back	1:1	0.476	21.17	18.69
2310.00	27710	Mid	LTE Band 30	10	Closed	18.00	QPSK	25	12	5 mm	back	1:1	0.484	21.15	
2310.00	27710	Mid	LTE Band 30	10	Closed	17.95	QPSK	1	0	5 mm	front	1:1	0.064	29.89	
2310.00	27710	Mid	LTE Band 30	10	Closed	18.00	QPSK	25	12	5 mm	front	1:1	0.061	30.15	
2310.00	27710	Mid	LTE Band 30	10	Closed	17.95	QPSK	1	0	5 mm	bottom	1:1	0.831	18.75	
2310.00	27710	Mid	LTE Band 30	10	Closed	18.00	QPSK	25	12	5 mm	bottom	1:1	0.822	18.85	
2310.00	27710	Mid	LTE Band 30	10	Closed	17.82	QPSK	50	0	5 mm	bottom	1:1	0.818	18.69	
2310.00	27710	Mid	LTE Band 30	10	Closed	17.95	QPSK	1	0	5 mm	right	1:1	0.023	34.33	
2310.00	27710	Mid	LTE Band 30	10	Closed	18.00	QPSK	25	12	5 mm	right	1:1	0.024	34.20	
2310.00	27710	Mid	LTE Band 30	10	Closed	17.95	QPSK	1	0	5 mm	left	1:1	0.053	30.71	
2310.00	27710	Mid	LTE Band 30	10	Closed	18.00	QPSK	25	12	5 mm	left	1:1	0.055	30.60	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body								
Spatial Peak							1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population							averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 30 of 57

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2560.00	21350	High	LTE Band 7	20	Open	18.34	QPSK	1	0	10 mm	back	1:1	0.142	26.82	23.01
2560.00	21350	High	LTE Band 7	20	Open	18.35	QPSK	50	25	10 mm	back	1:1	0.150	26.59	
2560.00	21350	High	LTE Band 7	20	Open	18.34	QPSK	1	0	10 mm	front	1:1	0.117	27.66	
2560.00	21350	High	LTE Band 7	20	Open	18.35	QPSK	50	25	10 mm	front	1:1	0.121	27.52	
2560.00	21350	High	LTE Band 7	20	Open	18.34	QPSK	1	0	10 mm	bottom	1:1	0.326	23.21	
2560.00	21350	High	LTE Band 7	20	Open	18.35	QPSK	50	25	10 mm	bottom	1:1	0.342	23.01	
2560.00	21350	High	LTE Band 7	20	Open	18.34	QPSK	1	0	10 mm	left	1:1	0.051	31.26	
2560.00	21350	High	LTE Band 7	20	Open	18.35	QPSK	50	25	10 mm	left	1:1	0.058	30.72	
2560.00	21350	High	LTE Band 7	20	Closed	18.34	QPSK	1	0	5 mm	back	1:1	0.315	23.36	
2560.00	21350	High	LTE Band 7	20	Closed	18.35	QPSK	50	25	5 mm	back	1:1	0.329	23.18	
2560.00	21350	High	LTE Band 7	20	Closed	18.34	QPSK	1	0	5 mm	front	1:1	0.066	30.14	18.67
2560.00	21350	High	LTE Band 7	20	Closed	18.35	QPSK	50	25	5 mm	front	1:1	0.072	29.78	
2560.00	21350	High	LTE Band 7	20	Closed	18.34	QPSK	1	0	5 mm	bottom	1:1	0.714	19.80	
2510.00	20850	Low	LTE Band 7	20	Closed	18.34	QPSK	50	25	5 mm	bottom	1:1	0.925	18.68	
2535.00	21100	Mid	LTE Band 7	20	Closed	18.10	QPSK	50	25	5 mm	bottom	1:1	0.877	18.67	
2560.00	21350	High	LTE Band 7	20	Closed	18.35	QPSK	50	25	5 mm	bottom	1:1	0.752	19.59	
2510.00	20850	Low	LTE Band 7	20	Closed	18.13	QPSK	100	0	5 mm	bottom	1:1	0.875	18.71	
2560.00	21350	High	LTE Band 7	20	Closed	18.34	QPSK	1	0	5 mm	left	1:1	0.176	25.88	
2560.00	21350	High	LTE Band 7	20	Closed	18.35	QPSK	50	25	5 mm	left	1:1	0.175	25.92	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak															
Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset		APPENDIX A: Page 31 of 57

Table A-45
DSI = 3 P_{Limit} Calculations – LTE Band 48 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
													(W/kg)		
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	QPSK	1	50	10 mm	back	1:1.58	0.144	24.18	23.61
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	QPSK	50	50	10 mm	back	1:1.58	0.155	23.98	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	QPSK	1	50	10 mm	front	1:1.58	0.089	26.27	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	QPSK	50	50	10 mm	front	1:1.58	0.101	25.84	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	QPSK	1	50	10 mm	top	1:1.58	0.091	26.17	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	QPSK	50	50	10 mm	top	1:1.58	0.097	26.02	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.75	QPSK	1	50	10 mm	left	1:1.58	0.162	23.67	
3646.70	56207	Mid-High	LTE Band 48	20	Open	17.87	QPSK	50	50	10 mm	left	1:1.58	0.169	23.61	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.75	QPSK	1	50	5 mm	back	1:1.58	0.020	32.75	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.87	QPSK	50	50	5 mm	back	1:1.58	0.022	32.46	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.75	QPSK	1	50	5 mm	front	1:1.58	0.376	20.01	19.20
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.87	QPSK	50	50	5 mm	front	1:1.58	0.399	19.87	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.75	QPSK	1	50	5 mm	bottom	1:1.58	0.207	22.60	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.87	QPSK	50	50	5 mm	bottom	1:1.58	0.212	22.62	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.75	QPSK	1	50	5 mm	left	1:1.58	0.453	19.20	
3646.70	56207	Mid-High	LTE Band 48	20	Closed	17.87	QPSK	50	50	5 mm	left	1:1.58	0.445	19.40	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-46
DSI = 3 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	20.40	QPSK	1	50	10 mm	back	1:1.58	0.144	26.83	23.38
2506.00	39750	Low	LTE Band 41	20	Open	20.48	QPSK	50	25	10 mm	back	1:1.58	0.143	26.94	
2506.00	39750	Low	LTE Band 41	20	Open	20.40	QPSK	1	50	10 mm	front	1:1.58	0.124	27.48	
2506.00	39750	Low	LTE Band 41	20	Open	20.48	QPSK	50	25	10 mm	front	1:1.58	0.125	27.52	
2506.00	39750	Low	LTE Band 41	20	Open	20.40	QPSK	1	50	10 mm	bottom	1:1.58	0.319	23.38	
2506.00	39750	Low	LTE Band 41	20	Open	20.48	QPSK	50	25	10 mm	bottom	1:1.58	0.318	23.47	
2506.00	39750	Low	LTE Band 41	20	Open	20.40	QPSK	1	50	10 mm	left	1:1.58	0.049	31.51	
2506.00	39750	Low	LTE Band 41	20	Open	20.48	QPSK	50	25	10 mm	left	1:1.58	0.048	31.68	
2506.00	39750	Low	LTE Band 41	20	Closed	20.40	QPSK	1	50	5 mm	back	1:1.58	0.237	24.67	21.91
2506.00	39750	Low	LTE Band 41	20	Closed	20.48	QPSK	50	25	5 mm	back	1:1.58	0.247	24.57	
2506.00	39750	Low	LTE Band 41	20	Closed	20.40	QPSK	1	50	5 mm	front	1:1.58	0.026	34.26	
2506.00	39750	Low	LTE Band 41	20	Closed	20.48	QPSK	50	25	5 mm	front	1:1.58	0.026	34.34	
2506.00	39750	Low	LTE Band 41	20	Closed	20.40	QPSK	1	50	5 mm	bottom	1:1.58	0.446	21.92	
2506.00	39750	Low	LTE Band 41	20	Closed	20.48	QPSK	50	25	5 mm	bottom	1:1.58	0.455	21.91	
2506.00	39750	Low	LTE Band 41	20	Closed	20.40	QPSK	1	50	5 mm	left	1:1.58	0.119	27.66	
2506.00	39750	Low	LTE Band 41	20	Closed	20.48	QPSK	50	25	5 mm	left	1:1.58	0.116	27.85	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-47
DSI = 3 P_{Limit} Calculations – NR Band n71 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	22.75	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.212	29.49	29.49
680.50	136100	Mid	NR Band n71	20	Open	22.91	DFT-S-OFDM	QPSK	50	0	10 mm	back	1:1	0.196	29.99	
680.50	136100	Mid	NR Band n71	20	Open	22.90	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.209	29.70	
680.50	136100	Mid	NR Band n71	20	Open	22.75	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.155	30.85	
680.50	136100	Mid	NR Band n71	20	Open	22.91	DFT-S-OFDM	QPSK	50	0	10 mm	front	1:1	0.150	31.15	
680.50	136100	Mid	NR Band n71	20	Open	22.75	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.031	37.84	
680.50	136100	Mid	NR Band n71	20	Open	22.91	DFT-S-OFDM	QPSK	50	0	10 mm	bottom	1:1	0.031	38.00	
680.50	136100	Mid	NR Band n71	20	Open	22.75	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.169	30.47	
680.50	136100	Mid	NR Band n71	20	Open	22.91	DFT-S-OFDM	QPSK	50	0	10 mm	right	1:1	0.175	30.48	
680.50	136100	Mid	NR Band n71	20	Open	22.75	DFT-S-OFDM	QPSK	1	1	10 mm	left	1:1	0.095	32.97	
680.50	136100	Mid	NR Band n71	20	Open	22.91	DFT-S-OFDM	QPSK	50	0	10 mm	left	1:1	0.115	32.30	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	DFT-S-OFDM	QPSK	1	1	5 mm	back	1:1	0.422	26.50	26.50
680.50	136100	Mid	NR Band n71	20	Closed	22.91	DFT-S-OFDM	QPSK	50	0	5 mm	back	1:1	0.415	26.73	
680.50	136100	Mid	NR Band n71	20	Closed	22.90	CP-OFDM	QPSK	1	1	5 mm	back	1:1	0.304	28.07	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	DFT-S-OFDM	QPSK	1	1	5 mm	front	1:1	0.141	31.26	
680.50	136100	Mid	NR Band n71	20	Closed	22.91	DFT-S-OFDM	QPSK	50	0	5 mm	front	1:1	0.143	31.36	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	DFT-S-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.087	33.35	
680.50	136100	Mid	NR Band n71	20	Closed	22.91	DFT-S-OFDM	QPSK	50	0	5 mm	bottom	1:1	0.081	33.83	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	DFT-S-OFDM	QPSK	1	1	5 mm	right	1:1	0.050	35.76	
680.50	136100	Mid	NR Band n71	20	Closed	22.91	DFT-S-OFDM	QPSK	50	0	5 mm	right	1:1	0.052	35.75	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	DFT-S-OFDM	QPSK	1	1	5 mm	left	1:1	0.089	33.26	
680.50	136100	Mid	NR Band n71	20	Closed	22.91	DFT-S-OFDM	QPSK	50	0	5 mm	left	1:1	0.076	34.10	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body									
Spatial Peak							1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population							averaged over 1 gram									

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-48
DSI = 3 P_{Limit} Calculations – NR Band n12 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Maximum Allowed Power [dBm]	Conducted Power [dBm]	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	Open	24.0	22.54	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.143	30.99
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.58	DFT-S-OFDM	QPSK	36	0	10 mm	back	1:1	0.152	30.76
707.50	141500	Mid	NR Band n12	15	Open	24.0	23.14	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.148	31.44
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.54	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.121	31.71
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.58	DFT-S-OFDM	QPSK	36	0	10 mm	front	1:1	0.116	31.94
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.54	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.028	38.07
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.58	DFT-S-OFDM	QPSK	36	0	10 mm	bottom	1:1	0.027	38.27
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.54	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.133	31.30
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.58	DFT-S-OFDM	QPSK	36	0	10 mm	right	1:1	0.127	31.54
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.54	DFT-S-OFDM	QPSK	1	1	10 mm	left	1:1	0.069	34.15
707.50	141500	Mid	NR Band n12	15	Open	24.0	22.58	DFT-S-OFDM	QPSK	36	0	10 mm	left	1:1	0.067	34.32
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.54	DFT-S-OFDM	QPSK	1	1	5 mm	back	1:1	0.422	26.29
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.58	DFT-S-OFDM	QPSK	36	0	5 mm	back	1:1	0.416	26.39
707.50	141500	Mid	NR Band n12	15	Closed	24.0	23.14	CP-OFDM	QPSK	1	1	5 mm	back	1:1	0.406	27.05
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.54	DFT-S-OFDM	QPSK	1	1	5 mm	front	1:1	0.145	30.93
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.58	DFT-S-OFDM	QPSK	36	0	5 mm	front	1:1	0.126	31.58
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.54	DFT-S-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.052	35.38
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.58	DFT-S-OFDM	QPSK	36	0	5 mm	bottom	1:1	0.051	35.50
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.54	DFT-S-OFDM	QPSK	1	1	5 mm	right	1:1	0.049	35.64
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.58	DFT-S-OFDM	QPSK	36	0	5 mm	right	1:1	0.048	35.77
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.54	DFT-S-OFDM	QPSK	1	1	5 mm	left	1:1	0.126	31.54
707.50	141500	Mid	NR Band n12	15	Closed	24.0	22.58	DFT-S-OFDM	QPSK	36	0	5 mm	left	1:1	0.120	31.79
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Body								
Spatial Peak								1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population								averaged over 1 gram								

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

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit
MHz	Ch.													(W/kg)	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.82	DFT-S-OFDM	QPSK	1	53	10 mm	back	1:1	0.190	30.03
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.96	DFT-S-OFDM	QPSK	50	56	10 mm	back	1:1	0.187	30.24
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.55	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.175	30.12
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.82	DFT-S-OFDM	QPSK	1	53	10 mm	front	1:1	0.123	31.92
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.96	DFT-S-OFDM	QPSK	50	56	10 mm	front	1:1	0.118	32.24
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.82	DFT-S-OFDM	QPSK	1	53	10 mm	bottom	1:1	0.093	33.14
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.96	DFT-S-OFDM	QPSK	50	56	10 mm	bottom	1:1	0.090	33.42
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.82	DFT-S-OFDM	QPSK	1	53	10 mm	right	1:1	0.130	31.68
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.96	DFT-S-OFDM	QPSK	50	56	10 mm	right	1:1	0.118	32.24
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.82	DFT-S-OFDM	QPSK	1	53	10 mm	left	1:1	0.073	34.19
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	22.96	DFT-S-OFDM	QPSK	50	56	10 mm	left	1:1	0.061	35.11
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.82	DFT-S-OFDM	QPSK	1	53	5 mm	back	1:1	0.438	26.41
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.96	DFT-S-OFDM	QPSK	50	56	5 mm	back	1:1	0.420	26.73
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.55	CP-OFDM	QPSK	1	1	5 mm	back	1:1	0.446	26.06
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.82	DFT-S-OFDM	QPSK	1	53	5 mm	front	1:1	0.077	33.96
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.96	DFT-S-OFDM	QPSK	50	56	5 mm	front	1:1	0.076	34.15
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.82	DFT-S-OFDM	QPSK	1	53	5 mm	bottom	1:1	0.154	30.94
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.96	DFT-S-OFDM	QPSK	50	56	5 mm	bottom	1:1	0.146	31.32
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.82	DFT-S-OFDM	QPSK	1	53	5 mm	right	1:1	0.083	33.63
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.96	DFT-S-OFDM	QPSK	50	56	5 mm	right	1:1	0.081	33.88
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.82	DFT-S-OFDM	QPSK	1	53	5 mm	left	1:1	0.107	32.53
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.96	DFT-S-OFDM	QPSK	50	56	5 mm	left	1:1	0.102	32.87
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

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

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.08	A	DFT-S-OFDM	QPSK	1	214	10 mm	back	1:1	0.261	23.91	20.61
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.05	A	DFT-S-OFDM	QPSK	108	108	10 mm	back	1:1	0.292	23.40	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.08	A	DFT-S-OFDM	QPSK	1	214	10 mm	front	1:1	0.163	25.96	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.05	A	DFT-S-OFDM	QPSK	108	108	10 mm	front	1:1	0.168	25.80	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.08	A	DFT-S-OFDM	QPSK	1	214	10 mm	bottom	1:1	0.558	20.61	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.05	A	DFT-S-OFDM	QPSK	108	108	10 mm	bottom	1:1	0.412	21.90	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	17.91	A	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.512	20.82	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.08	A	DFT-S-OFDM	QPSK	1	214	10 mm	right	1:1	0.026	33.93	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.05	A	DFT-S-OFDM	QPSK	108	108	10 mm	right	1:1	0.026	33.90	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.08	A	DFT-S-OFDM	QPSK	1	214	10 mm	left	1:1	0.030	33.31	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.05	A	DFT-S-OFDM	QPSK	108	108	10 mm	left	1:1	0.029	33.43	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.08	A	DFT-S-OFDM	QPSK	1	214	5 mm	back	1:1	0.603	20.28	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.05	A	DFT-S-OFDM	QPSK	108	108	5 mm	back	1:1	0.620	20.13	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.08	A	DFT-S-OFDM	QPSK	1	214	5 mm	front	1:1	0.134	26.81	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.05	A	DFT-S-OFDM	QPSK	108	108	5 mm	front	1:1	0.144	26.47	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.08	A	DFT-S-OFDM	QPSK	1	214	5 mm	bottom	1:1	0.698	19.64	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.05	A	DFT-S-OFDM	QPSK	108	108	5 mm	bottom	1:1	0.750	19.30	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.99	A	DFT-S-OFDM	QPSK	216	0	5 mm	bottom	1:1	0.777	19.09	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.91	A	CP-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.776	19.01	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.08	A	DFT-S-OFDM	QPSK	1	214	5 mm	right	1:1	0.028	33.61	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.05	A	DFT-S-OFDM	QPSK	108	108	5 mm	right	1:1	0.028	33.58	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.08	A	DFT-S-OFDM	QPSK	1	214	5 mm	left	1:1	0.136	26.74	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.05	A	DFT-S-OFDM	QPSK	108	108	5 mm	left	1:1	0.156	26.12	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.62	I	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.053	31.38	28.49
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.67	I	DFT-S-OFDM	QPSK	108	0	10 mm	back	1:1	0.049	31.77	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.62	I	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.044	32.19	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.67	I	DFT-S-OFDM	QPSK	108	0	10 mm	front	1:1	0.039	32.76	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.62	I	DFT-S-OFDM	QPSK	1	1	10 mm	top	1:1	0.007	40.17	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.67	I	DFT-S-OFDM	QPSK	108	0	10 mm	top	1:1	0.007	40.22	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.62	I	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.103	28.49	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.67	I	DFT-S-OFDM	QPSK	108	0	10 mm	right	1:1	0.098	28.76	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	18.72	I	CP-OFDM	QPSK	1	1	10 mm	right	1:1	0.098	28.81	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.62	I	DFT-S-OFDM	QPSK	1	1	5 mm	back	1:1	0.011	38.21	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.67	I	DFT-S-OFDM	QPSK	108	0	5 mm	back	1:1	0.010	38.67	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.62	I	DFT-S-OFDM	QPSK	1	1	5 mm	front	1:1	0.213	25.34	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.67	I	DFT-S-OFDM	QPSK	108	0	5 mm	front	1:1	0.195	25.77	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.62	I	DFT-S-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.009	39.08	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.67	I	DFT-S-OFDM	QPSK	108	0	5 mm	bottom	1:1	0.008	39.64	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.62	I	DFT-S-OFDM	QPSK	1	1	5 mm	right	1:1	0.487	21.74	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.67	I	DFT-S-OFDM	QPSK	108	0	5 mm	right	1:1	0.516	21.54	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	18.72	I	CP-OFDM	QPSK	1	1	5 mm	right	1:1	0.508	21.66	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Body									
Spatial Peak								1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population								averaged over 1 gram									

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-51
DSI = 3 P_{Limit} Calculations – NR Band n25 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.63	A	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.354	22.14	21.43
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.55	A	DFT-S-OFDM	QPSK	108	0	10 mm	back	1:1	0.317	22.54	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.63	A	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.195	24.73	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.55	A	DFT-S-OFDM	QPSK	108	0	10 mm	front	1:1	0.160	25.51	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.63	A	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.400	21.61	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.55	A	DFT-S-OFDM	QPSK	108	0	10 mm	bottom	1:1	0.396	21.57	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.54	A	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.408	21.43	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.63	A	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.021	34.41	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.55	A	DFT-S-OFDM	QPSK	108	0	10 mm	right	1:1	0.023	33.93	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.63	A	DFT-S-OFDM	QPSK	1	1	10 mm	left	1:1	0.034	32.32	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	17.55	A	DFT-S-OFDM	QPSK	108	0	10 mm	left	1:1	0.028	33.08	19.95
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.63	A	DFT-S-OFDM	QPSK	1	1	5 mm	back	1:1	0.210	24.41	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.55	A	DFT-S-OFDM	QPSK	108	0	5 mm	back	1:1	0.197	24.61	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.63	A	DFT-S-OFDM	QPSK	1	1	5 mm	front	1:1	0.153	25.78	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.55	A	DFT-S-OFDM	QPSK	108	0	5 mm	front	1:1	0.155	25.65	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.63	A	DFT-S-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.581	19.99	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.55	A	DFT-S-OFDM	QPSK	108	0	5 mm	bottom	1:1	0.564	20.04	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.54	A	CP-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.574	19.95	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.63	A	DFT-S-OFDM	QPSK	1	1	5 mm	right	1:1	0.035	32.19	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.55	A	DFT-S-OFDM	QPSK	108	0	5 mm	right	1:1	0.032	32.50	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.63	A	DFT-S-OFDM	QPSK	1	1	5 mm	left	1:1	0.091	28.04	22.27
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	17.55	A	DFT-S-OFDM	QPSK	108	0	5 mm	left	1:1	0.088	28.11	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	DFT-S-OFDM	QPSK	1	214	10 mm	back	1:1	0.209	25.80	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	DFT-S-OFDM	QPSK	108	54	10 mm	back	1:1	0.211	25.73	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	DFT-S-OFDM	QPSK	1	214	10 mm	front	1:1	0.162	26.90	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	DFT-S-OFDM	QPSK	108	54	10 mm	front	1:1	0.171	26.64	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	DFT-S-OFDM	QPSK	1	214	10 mm	top	1:1	0.087	29.60	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	DFT-S-OFDM	QPSK	108	54	10 mm	top	1:1	0.105	28.76	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	19.00	I	DFT-S-OFDM	QPSK	1	214	10 mm	right	1:1	0.391	23.08	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.97	I	DFT-S-OFDM	QPSK	108	54	10 mm	right	1:1	0.425	22.69	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	18.82	I	CP-OFDM	QPSK	1	1	10 mm	right	1:1	0.452	22.27	22.46
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.00	I	DFT-S-OFDM	QPSK	1	214	5 mm	back	1:1	0.033	33.81	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.97	I	DFT-S-OFDM	QPSK	108	54	5 mm	back	1:1	0.026	34.82	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.00	I	DFT-S-OFDM	QPSK	1	214	5 mm	front	1:1	0.319	23.96	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.97	I	DFT-S-OFDM	QPSK	108	54	5 mm	front	1:1	0.286	24.41	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.00	I	DFT-S-OFDM	QPSK	1	214	5 mm	bottom	1:1	0.047	32.28	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.97	I	DFT-S-OFDM	QPSK	108	54	5 mm	bottom	1:1	0.041	32.84	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.00	I	DFT-S-OFDM	QPSK	1	214	5 mm	right	1:1	0.451	22.46	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.97	I	DFT-S-OFDM	QPSK	108	54	5 mm	right	1:1	0.443	22.51	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.82	I	CP-OFDM	QPSK	1	1	5 mm	right	1:1	0.431	22.48	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram										

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 38 of 57

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

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.	(W/kg)														
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	1	26	10 mm	back	1:1	0.207	24.84	20.90
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	25	27	10 mm	back	1:1	0.210	24.78	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	1	26	10 mm	front	1:1	0.150	26.24	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	25	27	10 mm	front	1:1	0.148	26.30	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	1	26	10 mm	bottom	1:1	0.472	21.26	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	25	27	10 mm	bottom	1:1	0.479	21.20	
2310.00	462000	Mid	NR Band n30	10	Open	17.92	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.504	20.90	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	1	26	10 mm	right	1:1	0.016	35.96	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	25	27	10 mm	right	1:1	0.017	35.70	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	1	26	10 mm	left	1:1	0.036	32.44	
2310.00	462000	Mid	NR Band n30	10	Open	18.00	DFT-S-OFDM	QPSK	25	27	10 mm	left	1:1	0.033	32.81	18.46
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	1	26	5 mm	back	1:1	0.479	21.20	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	25	27	5 mm	back	1:1	0.484	21.15	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	1	26	5 mm	front	1:1	0.100	28.00	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	25	27	5 mm	front	1:1	0.100	28.00	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	1	26	5 mm	bottom	1:1	0.868	18.61	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	25	27	5 mm	bottom	1:1	0.870	18.60	
2310.00	462000	Mid	NR Band n30	10	Closed	17.90	DFT-S-OFDM	QPSK	50	0	5 mm	bottom	1:1	0.880	18.46	
2310.00	462000	Mid	NR Band n30	10	Closed	17.92	CP-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.869	18.53	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	1	26	5 mm	right	1:1	0.028	33.53	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	25	27	5 mm	right	1:1	0.028	33.53	18.46
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	1	26	5 mm	left	1:1	0.053	30.76	
2310.00	462000	Mid	NR Band n30	10	Closed	18.00	DFT-S-OFDM	QPSK	25	27	5 mm	left	1:1	0.053	30.76	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram									

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 39 of 57

Table A-53
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit
MHz	Ch.													(W/kg)	
2592.99	518598	Mid	NR Band n41	100	Open	19.65	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.285	25.10
2592.99	518598	Mid	NR Band n41	100	Open	19.64	DFT-S-OFDM	QPSK	135	0	10 mm	back	1:1	0.297	24.91
2592.99	518598	Mid	NR Band n41	100	Open	19.65	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.269	25.35
2592.99	518598	Mid	NR Band n41	100	Open	19.64	DFT-S-OFDM	QPSK	135	0	10 mm	front	1:1	0.288	25.05
2592.99	518598	Mid	NR Band n41	100	Open	19.65	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.086	30.31
2592.99	518598	Mid	NR Band n41	100	Open	19.64	DFT-S-OFDM	QPSK	135	0	10 mm	top	1:1	0.093	29.96
2592.99	518598	Mid	NR Band n41	100	Open	19.65	DFT-S-OFDM	QPSK	1	137	10 mm	right	1:1	0.376	23.90
2592.99	518598	Mid	NR Band n41	100	Open	19.64	DFT-S-OFDM	QPSK	135	0	10 mm	right	1:1	0.416	23.45
2592.99	518598	Mid	NR Band n41	100	Open	19.57	CP-OFDM	QPSK	1	1	10 mm	right	1:1	0.442	23.12
2592.99	518598	Mid	NR Band n41	100	Closed	19.65	DFT-S-OFDM	QPSK	1	137	5 mm	back	1:1	0.256	25.57
2592.99	518598	Mid	NR Band n41	100	Closed	19.64	DFT-S-OFDM	QPSK	135	0	5 mm	back	1:1	0.255	25.57
2592.99	518598	Mid	NR Band n41	100	Closed	19.65	DFT-S-OFDM	QPSK	1	137	5 mm	front	1:1	0.559	22.18
2592.99	518598	Mid	NR Band n41	100	Closed	19.64	DFT-S-OFDM	QPSK	135	0	5 mm	front	1:1	0.594	21.90
2592.99	518598	Mid	NR Band n41	100	Closed	19.57	DFT-S-OFDM	QPSK	270	0	5 mm	front	1:1	0.544	22.21
2592.99	518598	Mid	NR Band n41	100	Closed	19.65	DFT-S-OFDM	QPSK	1	137	5 mm	top	1:1	0.059	31.94
2592.99	518598	Mid	NR Band n41	100	Closed	19.64	DFT-S-OFDM	QPSK	135	0	5 mm	top	1:1	0.058	32.01
2592.99	518598	Mid	NR Band n41	100	Closed	19.65	DFT-S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.157	27.69
2592.99	518598	Mid	NR Band n41	100	Closed	19.64	DFT-S-OFDM	QPSK	135	0	5 mm	bottom	1:1	0.162	27.54
2592.99	518598	Mid	NR Band n41	100	Closed	19.65	DFT-S-OFDM	QPSK	1	137	5 mm	right	1:1	0.860	20.31
2592.99	518598	Mid	NR Band n41	100	Closed	19.64	DFT-S-OFDM	QPSK	135	0	5 mm	right	1:1	0.905	20.07
2592.99	518598	Mid	NR Band n41	100	Closed	19.57	DFT-S-OFDM	QPSK	270	0	5 mm	right	1:1	0.849	20.28
2592.99	518598	Mid	NR Band n41	100	Closed	19.57	CP-OFDM	QPSK	1	1	5 mm	right	1:1	0.945	19.82
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak							Body 1.6 W/kg (mW/g) averaged over 1 gram								
Uncontrolled Exposure/General Population															

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 40 of 57

Table A-54
DSI = 3 P_{Limit} Calculations – NR Band n77 DoD Hotspot SAR

MEASUREMENT RESULTS														Plane	Overall Plane	
FREQUENCY	Mode	Bandwidth (MHz)	Form Factor	Conducted Power (dBm)	Antenna Config	Waveform	Modulation	MS Size	MS Offset	Spacing	MFR (dB)	Exposure Cycle	SAR (W/kg)			
MN	CL															
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.44	F	DFT S-OFDM	QPSK	1	137	10 mm	back	1:1	0.270	23.13
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.43	F	DFT S-OFDM	QPSK	135	69	10 mm	back	1:1	0.240	23.63
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.22	F	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.230	23.70
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.44	F	DFT S-OFDM	QPSK	1	137	10 mm	front	1:1	0.186	24.70
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.43	F	DFT S-OFDM	QPSK	135	69	10 mm	front	1:1	0.187	24.71
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.44	F	DFT S-OFDM	QPSK	1	137	10 mm	top	1:1	0.180	25.40
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.43	F	DFT S-OFDM	QPSK	135	69	10 mm	top	1:1	0.184	25.38
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.44	F	DFT S-OFDM	QPSK	1	137	10 mm	left	1:1	0.251	23.44
3500.01	633334	Md	NR Band n77 DoD	100	Open	17.43	F	DFT S-OFDM	QPSK	135	69	10 mm	left	1:1	0.253	23.40
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.67	I	DFT S-OFDM	QPSK	1	137	10 mm	back	1:1	0.074	26.88
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.69	I	DFT S-OFDM	QPSK	135	69	10 mm	back	1:1	0.075	26.84
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.67	I	DFT S-OFDM	QPSK	1	137	10 mm	front	1:1	0.071	27.08
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.69	I	DFT S-OFDM	QPSK	135	69	10 mm	front	1:1	0.069	27.20
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.67	I	DFT S-OFDM	QPSK	1	137	10 mm	top	1:1	0.020	32.56
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.69	I	DFT S-OFDM	QPSK	135	69	10 mm	top	1:1	0.020	32.56
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.67	I	DFT S-OFDM	QPSK	1	137	10 mm	right	1:1	0.176	23.11
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.69	I	DFT S-OFDM	QPSK	135	69	10 mm	right	1:1	0.173	23.11
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.40	I	CP-OFDM	QPSK	1	1	10 mm	right	1:1	0.176	23.97
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	1	137	10 mm	back	1:1	0.094	27.73
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	135	69	10 mm	back	1:1	0.093	27.96
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	1	137	10 mm	front	1:1	0.078	26.13
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	135	69	10 mm	front	1:1	0.074	26.37
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	1	137	10 mm	top	1:1	0.093	40.29
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	135	69	10 mm	top	1:1	0.093	40.29
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	1	137	10 mm	left	1:1	0.093	25.37
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.06	E	DFT S-OFDM	QPSK	135	69	10 mm	left	1:1	0.084	25.62
3500.01	633334	Md	NR Band n77 DoD	100	Open	15.02	E	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.080	25.69
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.82	C	DFT S-OFDM	QPSK	1	137	10 mm	back	1:1	0.042	25.59
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.78	C	DFT S-OFDM	QPSK	135	69	10 mm	back	1:1	0.044	25.35
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.82	C	DFT S-OFDM	QPSK	1	137	10 mm	front	1:1	0.033	26.77
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.78	C	DFT S-OFDM	QPSK	135	69	10 mm	front	1:1	0.029	27.16
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.82	C	DFT S-OFDM	QPSK	1	137	10 mm	bottom	1:1	0.011	31.41
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.78	C	DFT S-OFDM	QPSK	135	69	10 mm	bottom	1:1	0.010	31.76
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.82	C	DFT S-OFDM	QPSK	1	137	10 mm	left	1:1	0.080	22.53
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.78	C	DFT S-OFDM	QPSK	135	69	10 mm	left	1:1	0.079	22.80
3500.01	633334	Md	NR Band n77 DoD	100	Open	11.70	C	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.074	23.01
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.44	F	DFT S-OFDM	QPSK	1	137	5 mm	back	1:1	0.051	30.36
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.43	F	DFT S-OFDM	QPSK	135	69	5 mm	back	1:1	0.063	29.44
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.44	F	DFT S-OFDM	QPSK	1	137	5 mm	front	1:1	0.529	20.21
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.43	F	DFT S-OFDM	QPSK	135	69	5 mm	front	1:1	0.521	20.24
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.37	F	DFT S-OFDM	QPSK	270	0	5 mm	front	1:1	0.446	20.89
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.44	F	DFT S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.303	22.83
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.43	F	DFT S-OFDM	QPSK	135	69	5 mm	bottom	1:1	0.310	22.52
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.44	F	DFT S-OFDM	QPSK	1	137	5 mm	left	1:1	0.575	19.84
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.43	F	DFT S-OFDM	QPSK	135	69	5 mm	left	1:1	0.584	19.88
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.37	F	DFT S-OFDM	QPSK	270	0	5 mm	left	1:1	0.506	20.33
3500.01	633334	Md	NR Band n77 DoD	100	Closed	17.32	F	CP-OFDM	QPSK	1	1	5 mm	left	1:1	0.546	19.95
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.67	I	DFT S-OFDM	QPSK	1	137	5 mm	back	1:1	0.020	30.95
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.69	I	DFT S-OFDM	QPSK	135	69	5 mm	back	1:1	0.026	31.44
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.67	I	DFT S-OFDM	QPSK	1	137	5 mm	front	1:1	0.219	22.17
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.69	I	DFT S-OFDM	QPSK	135	69	5 mm	front	1:1	0.219	22.18
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.67	I	DFT S-OFDM	QPSK	1	137	5 mm	top	1:1	0.018	33.02
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.69	I	DFT S-OFDM	QPSK	135	69	5 mm	top	1:1	0.018	33.05
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.67	I	DFT S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.016	30.80
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.69	I	DFT S-OFDM	QPSK	135	69	5 mm	bottom	1:1	0.012	30.54
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.67	I	DFT S-OFDM	QPSK	1	137	5 mm	right	1:1	0.476	19.99
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.69	I	DFT S-OFDM	QPSK	135	69	5 mm	right	1:1	0.476	19.94
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	I	DFT S-OFDM	QPSK	270	0	5 mm	right	1:1	0.452	19.01
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.40	I	CP-OFDM	QPSK	1	1	5 mm	right	1:1	0.465	19.45
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	1	137	5 mm	back	1:1	0.022	31.83
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	135	69	5 mm	back	1:1	0.024	31.26
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	1	137	5 mm	front	1:1	0.110	24.44
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	135	69	5 mm	front	1:1	0.118	24.34
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	1	137	5 mm	top	1:1	0.002	42.04
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	135	69	5 mm	top	1:1	0.001	45.06
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.007	36.60
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	135	69	5 mm	bottom	1:1	0.005	36.07
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	1	137	5 mm	left	1:1	0.185	22.36
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.06	E	DFT S-OFDM	QPSK	135	69	5 mm	left	1:1	0.180	22.27
3500.01	633334	Md	NR Band n77 DoD	100	Closed	15.02	E	CP-OFDM	QPSK	1	1	5 mm	left	1:1	0.202	21.97
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.82	C	DFT S-OFDM	QPSK	1	137	5 mm	back	1:1	0.140	20.36
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.78	C	DFT S-OFDM	QPSK	135	69	5 mm	back	1:1	0.136	20.44
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.82	C	DFT S-OFDM	QPSK	1	137	5 mm	front	1:1	0.011	31.41
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.78	C	DFT S-OFDM	QPSK	135	69	5 mm	front	1:1	0.012	30.99
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.82	C	DFT S-OFDM	QPSK	1	137	5 mm	top	1:1	0.013	30.88
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.78	C	DFT S-OFDM	QPSK	135	69	5 mm	top	1:1	0.014	30.32
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.82	C	DFT S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.009	32.28
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.78	C	DFT S-OFDM	QPSK	135	69	5 mm	bottom	1:1	0.008	32.75
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.82	C	DFT S-OFDM	QPSK	1	137	5 mm	left	1:1	0.215	18.50
3500.01	633334	Md	NR Band n77 DoD	100	Closed	11.78	C	DFT S-OFDM	Q							

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

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g) (W/kg)	Plimit	Overall Plimit
MHz	Ch.															
3930.00	662000	High	NR Band n77	100	Open	18.50	F	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.264	24.28
3930.00	662000	High	NR Band n77	100	Open	18.47	F	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.262	24.29
3930.00	662000	High	NR Band n77	100	Open	18.50	F	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.246	24.59
3930.00	662000	High	NR Band n77	100	Open	18.47	F	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.243	24.61
3930.00	662000	High	NR Band n77	100	Open	18.50	F	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.190	25.71
3930.00	662000	High	NR Band n77	100	Open	18.47	F	DFT-S-OFDM	QPSK	135	69	10 mm	top	1:1	0.181	25.89
3750.00	650000	Low	NR Band n77	100	Open	18.48	F	DFT-S-OFDM	QPSK	1	137	10 mm	left	1:1	0.364	22.87
3930.00	662000	High	NR Band n77	100	Open	18.50	F	DFT-S-OFDM	QPSK	1	137	10 mm	left	1:1	0.414	22.33
3750.00	650000	Low	NR Band n77	100	Open	18.45	F	DFT-S-OFDM	QPSK	135	69	10 mm	left	1:1	0.363	22.85
3930.00	662000	High	NR Band n77	100	Open	18.47	F	DFT-S-OFDM	QPSK	135	69	10 mm	left	1:1	0.408	22.36
3930.00	662000	High	NR Band n77	100	Open	18.34	F	DFT-S-OFDM	QPSK	270	0	10 mm	left	1:1	0.338	23.05
3930.00	662000	High	NR Band n77	100	Open	18.24	F	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.419	22.02
3750.00	650000	Low	NR Band n77	100	Open	15.66	I	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.008	36.63
3750.00	650000	Low	NR Band n77	100	Open	15.68	I	DFT-S-OFDM	QPSK	135	0	10 mm	back	1:1	0.013	34.54
3750.00	650000	Low	NR Band n77	100	Open	15.66	I	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.015	33.90
3750.00	650000	Low	NR Band n77	100	Open	15.68	I	DFT-S-OFDM	QPSK	135	0	10 mm	front	1:1	0.018	33.13
3750.00	650000	Low	NR Band n77	100	Open	15.66	I	DFT-S-OFDM	QPSK	1	1	10 mm	top	1:1	0.000	55.66
3750.00	650000	Low	NR Band n77	100	Open	15.68	I	DFT-S-OFDM	QPSK	135	0	10 mm	top	1:1	0.003	40.91
3750.00	650000	Low	NR Band n77	100	Open	15.66	I	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.093	25.98
3750.00	650000	Low	NR Band n77	100	Open	15.68	I	DFT-S-OFDM	QPSK	135	0	10 mm	right	1:1	0.079	26.70
3750.00	650000	Low	NR Band n77	100	Open	15.61	I	CP-OFDM	QPSK	1	1	10 mm	right	1:1	0.090	26.07
3930.00	662000	High	NR Band n77	100	Open	16.15	E	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.049	29.25
3930.00	662000	High	NR Band n77	100	Open	16.10	E	DFT-S-OFDM	QPSK	135	0	10 mm	back	1:1	0.047	29.38
3930.00	662000	High	NR Band n77	100	Open	16.15	E	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.030	31.38
3930.00	662000	High	NR Band n77	100	Open	16.10	E	DFT-S-OFDM	QPSK	135	0	10 mm	front	1:1	0.034	30.79
3930.00	662000	High	NR Band n77	100	Open	16.15	E	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.007	37.70
3930.00	662000	High	NR Band n77	100	Open	16.10	E	DFT-S-OFDM	QPSK	135	0	10 mm	top	1:1	0.004	40.08
3930.00	662000	High	NR Band n77	100	Open	16.15	E	DFT-S-OFDM	QPSK	1	137	10 mm	left	1:1	0.070	27.70
3930.00	662000	High	NR Band n77	100	Open	16.10	E	DFT-S-OFDM	QPSK	135	0	10 mm	left	1:1	0.067	27.84
3930.00	662000	High	NR Band n77	100	Open	15.90	E	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.064	27.84
3930.00	662000	High	NR Band n77	100	Open	11.74	C	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.041	25.61
3930.00	662000	High	NR Band n77	100	Open	11.66	C	DFT-S-OFDM	QPSK	135	0	10 mm	back	1:1	0.053	24.42
3930.00	662000	High	NR Band n77	100	Open	11.74	C	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.045	25.21
3930.00	662000	High	NR Band n77	100	Open	11.66	C	DFT-S-OFDM	QPSK	135	0	10 mm	front	1:1	0.049	24.76
3930.00	662000	High	NR Band n77	100	Open	11.74	C	DFT-S-OFDM	QPSK	1	137	10 mm	bottom	1:1	0.005	34.75
3930.00	662000	High	NR Band n77	100	Open	11.66	C	DFT-S-OFDM	QPSK	135	0	10 mm	bottom	1:1	0.008	32.63
3930.00	662000	High	NR Band n77	100	Open	11.74	C	DFT-S-OFDM	QPSK	1	137	10 mm	left	1:1	0.099	21.78
3930.00	662000	High	NR Band n77	100	Open	11.66	C	DFT-S-OFDM	QPSK	135	0	10 mm	left	1:1	0.108	21.33
3930.00	662000	High	NR Band n77	100	Open	11.63	C	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.119	20.87
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

FCC ID: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 42 of 57

Table A-56
DSI = 3 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3930.00	662000	High	NR Band n77	100	Closed	18.50	F	DFT-S-OFDM	QPSK	1	137	5 mm	back	1:1	0.286	23.94	18.20
3930.00	662000	High	NR Band n77	100	Closed	18.47	F	DFT-S-OFDM	QPSK	135	69	5 mm	back	1:1	0.281	23.98	
3750.00	650000	Low	NR Band n77	100	Closed	18.48	F	DFT-S-OFDM	QPSK	1	137	5 mm	front	1:1	0.446	21.99	
3930.00	662000	High	NR Band n77	100	Closed	18.50	F	DFT-S-OFDM	QPSK	1	137	5 mm	front	1:1	0.496	21.55	
3750.00	650000	Low	NR Band n77	100	Closed	18.45	F	DFT-S-OFDM	QPSK	135	69	5 mm	front	1:1	0.438	22.04	
3930.00	662000	High	NR Band n77	100	Closed	18.47	F	DFT-S-OFDM	QPSK	135	69	5 mm	front	1:1	0.513	21.37	
3930.00	662000	High	NR Band n77	100	Closed	18.34	F	DFT-S-OFDM	QPSK	270	0	5 mm	front	1:1	0.501	21.34	
3750.00	650000	Low	NR Band n77	100	Closed	18.48	F	DFT-S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.462	21.83	
3930.00	662000	High	NR Band n77	100	Closed	18.50	F	DFT-S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.609	20.65	
3750.00	650000	Low	NR Band n77	100	Closed	18.45	F	DFT-S-OFDM	QPSK	135	69	5 mm	bottom	1:1	0.440	22.02	
3930.00	662000	High	NR Band n77	100	Closed	18.47	F	DFT-S-OFDM	QPSK	135	69	5 mm	bottom	1:1	0.562	20.97	
3930.00	662000	High	NR Band n77	100	Closed	18.34	F	DFT-S-OFDM	QPSK	270	0	5 mm	bottom	1:1	0.607	20.51	
3750.00	650000	Low	NR Band n77	100	Closed	18.48	F	DFT-S-OFDM	QPSK	1	137	5 mm	left	1:1	0.700	20.03	
3930.00	662000	High	NR Band n77	100	Closed	18.50	F	DFT-S-OFDM	QPSK	1	137	5 mm	left	1:1	0.809	19.42	
3750.00	650000	Low	NR Band n77	100	Closed	18.45	F	DFT-S-OFDM	QPSK	135	69	5 mm	left	1:1	0.788	19.48	
3930.00	662000	High	NR Band n77	100	Closed	18.47	F	DFT-S-OFDM	QPSK	135	69	5 mm	left	1:1	0.892	18.97	
3930.00	662000	High	NR Band n77	100	Closed	18.34	F	DFT-S-OFDM	QPSK	270	0	5 mm	left	1:1	0.948	18.57	
3930.00	662000	High	NR Band n77	100	Closed	18.24	F	CP-OFDM	QPSK	1	1	5 mm	left	1:1	1.010	18.20	
3750.00	650000	Low	NR Band n77	100	Closed	15.66	I	DFT-S-OFDM	QPSK	1	1	5 mm	back	1:1	0.023	32.04	21.12
3750.00	650000	Low	NR Band n77	100	Closed	15.68	I	DFT-S-OFDM	QPSK	135	0	5 mm	back	1:1	0.018	33.13	
3750.00	650000	Low	NR Band n77	100	Closed	15.66	I	DFT-S-OFDM	QPSK	1	1	5 mm	front	1:1	0.187	22.94	
3750.00	650000	Low	NR Band n77	100	Closed	15.68	I	DFT-S-OFDM	QPSK	135	0	5 mm	front	1:1	0.180	23.13	
3750.00	650000	Low	NR Band n77	100	Closed	15.66	I	DFT-S-OFDM	QPSK	1	1	5 mm	top	1:1	0.007	37.21	
3750.00	650000	Low	NR Band n77	100	Closed	15.68	I	DFT-S-OFDM	QPSK	135	0	5 mm	top	1:1	0.009	36.14	
3750.00	650000	Low	NR Band n77	100	Closed	15.66	I	DFT-S-OFDM	QPSK	1	1	5 mm	bottom	1:1	0.009	36.12	
3750.00	650000	Low	NR Band n77	100	Closed	15.68	I	DFT-S-OFDM	QPSK	135	0	5 mm	bottom	1:1	0.009	36.14	
3750.00	650000	Low	NR Band n77	100	Closed	15.66	I	DFT-S-OFDM	QPSK	1	1	5 mm	right	1:1	0.281	21.17	
3750.00	650000	Low	NR Band n77	100	Closed	15.68	I	DFT-S-OFDM	QPSK	135	0	5 mm	right	1:1	0.286	21.12	
3750.00	650000	Low	NR Band n77	100	Closed	15.61	I	CP-OFDM	QPSK	1	1	5 mm	right	1:1	0.281	21.12	
3930.00	662000	High	NR Band n77	100	Closed	16.15	E	DFT-S-OFDM	QPSK	1	137	5 mm	back	1:1	0.032	31.10	21.96
3930.00	662000	High	NR Band n77	100	Closed	16.10	E	DFT-S-OFDM	QPSK	135	0	5 mm	back	1:1	0.033	30.91	
3930.00	662000	High	NR Band n77	100	Closed	16.15	E	DFT-S-OFDM	QPSK	1	137	5 mm	front	1:1	0.156	24.22	
3930.00	662000	High	NR Band n77	100	Closed	16.10	E	DFT-S-OFDM	QPSK	135	0	5 mm	front	1:1	0.157	24.14	
3930.00	662000	High	NR Band n77	100	Closed	16.15	E	DFT-S-OFDM	QPSK	1	137	5 mm	top	1:1	0.000	56.15	
3930.00	662000	High	NR Band n77	100	Closed	16.10	E	DFT-S-OFDM	QPSK	135	0	5 mm	top	1:1	0.002	43.09	
3930.00	662000	High	NR Band n77	100	Closed	16.15	E	DFT-S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.009	36.61	
3930.00	662000	High	NR Band n77	100	Closed	16.10	E	DFT-S-OFDM	QPSK	135	0	5 mm	bottom	1:1	0.013	34.96	
3930.00	662000	High	NR Band n77	100	Closed	16.15	E	DFT-S-OFDM	QPSK	1	137	5 mm	left	1:1	0.232	22.50	
3930.00	662000	High	NR Band n77	100	Closed	16.10	E	DFT-S-OFDM	QPSK	135	0	5 mm	left	1:1	0.236	22.37	
3930.00	662000	High	NR Band n77	100	Closed	15.90	E	CP-OFDM	QPSK	1	1	5 mm	left	1:1	0.248	21.96	
3930.00	662000	High	NR Band n77	100	Closed	11.74	C	DFT-S-OFDM	QPSK	1	137	5 mm	back	1:1	0.166	19.54	16.34
3930.00	662000	High	NR Band n77	100	Closed	11.66	C	DFT-S-OFDM	QPSK	135	0	5 mm	back	1:1	0.168	19.41	
3930.00	662000	High	NR Band n77	100	Closed	11.74	C	DFT-S-OFDM	QPSK	1	137	5 mm	front	1:1	0.032	26.69	
3930.00	662000	High	NR Band n77	100	Closed	11.66	C	DFT-S-OFDM	QPSK	135	0	5 mm	front	1:1	0.031	26.75	
3930.00	662000	High	NR Band n77	100	Closed	11.74	C	DFT-S-OFDM	QPSK	1	137	5 mm	top	1:1	0.011	31.33	
3930.00	662000	High	NR Band n77	100	Closed	11.66	C	DFT-S-OFDM	QPSK	135	0	5 mm	top	1:1	0.008	32.63	
3930.00	662000	High	NR Band n77	100	Closed	11.74	C	DFT-S-OFDM	QPSK	1	137	5 mm	bottom	1:1	0.005	34.75	
3930.00	662000	High	NR Band n77	100	Closed	11.66	C	DFT-S-OFDM	QPSK	135	0	5 mm	bottom	1:1	0.009	32.12	
3930.00	662000	High	NR Band n77	100	Closed	11.74	C	DFT-S-OFDM	QPSK	1	137	5 mm	left	1:1	0.347	16.34	
3930.00	662000	High	NR Band n77	100	Closed	11.66	C	DFT-S-OFDM	QPSK	135	0	5 mm	left	1:1	0.339	16.36	
3930.00	662000	High	NR Band n77	100	Closed	11.63	C	CP-OFDM	QPSK	1	1	5 mm	left	1:1	0.321	16.57	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body										
Spatial Peak							1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population							averaged over 1 gram										

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

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Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 43 of 57

Table A-57
DSI = 0 P_{Limit} Calculations – 2G/3G Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Form Factor	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.52	384	Cell. CDMA	TDSO / SO32	24.09	8 mm	Open	N/A	1:1	back	0.287	33.49	31.25
836.52	384	Cell. CDMA	TDSO / SO32	24.09	6 mm	Open	N/A	1:1	front	0.269	33.77	
836.52	384	Cell. CDMA	TDSO / SO32	24.09	11 mm	Open	N/A	1:1	bottom	0.047	41.35	
836.52	384	Cell. CDMA	TDSO / SO32	24.09	0 mm	Open	N/A	1:1	right	0.369	32.40	
836.52	384	Cell. CDMA	TDSO / SO32	24.09	0 mm	Open	N/A	1:1	left	0.481	31.25	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	8 mm	Open	N/A	1:1	back	0.801	28.28	28.22
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	6 mm	Open	N/A	1:1	front	0.813	28.22	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	11 mm	Open	N/A	1:1	bottom	0.746	28.59	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	0 mm	Open	N/A	1:1	right	0.255	33.25	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	0 mm	Open	N/A	1:1	left	0.480	30.51	
836.60	190	GSM 850	GPRS	28.32	8 mm	Open	3	1:2.76	back	0.255	33.80	32.04
836.60	190	GSM 850	GPRS	28.32	6 mm	Open	3	1:2.76	front	0.259	33.74	
836.60	190	GSM 850	GPRS	28.32	11 mm	Open	3	1:2.76	bottom	0.041	41.74	
836.60	190	GSM 850	GPRS	28.32	0 mm	Open	3	1:2.76	right	0.316	32.87	
836.60	190	GSM 850	GPRS	28.32	0 mm	Open	3	1:2.76	left	0.383	32.04	
1850.20	512	GSM 1900	GPRS	25.36	8 mm	Open	3	1:2.76	back	0.276	30.50	30.26
1850.20	512	GSM 1900	GPRS	25.36	6 mm	Open	3	1:2.76	front	0.292	30.26	
1850.20	512	GSM 1900	GPRS	25.36	11 mm	Open	3	1:2.76	bottom	0.273	30.55	
1850.20	512	GSM 1900	GPRS	25.36	0 mm	Open	3	1:2.76	right	0.128	33.84	
1850.20	512	GSM 1900	GPRS	25.36	0 mm	Open	3	1:2.76	left	0.237	31.16	
836.60	4183	UMTS 850	RMC	24.49	8 mm	Open	N/A	1:1	back	0.198	35.50	31.18
836.60	4183	UMTS 850	RMC	24.49	6 mm	Open	N/A	1:1	front	0.265	34.24	
836.60	4183	UMTS 850	RMC	24.49	11 mm	Open	N/A	1:1	bottom	0.023	44.85	
836.60	4183	UMTS 850	RMC	24.49	0 mm	Open	N/A	1:1	right	0.453	31.91	
836.60	4183	UMTS 850	RMC	24.49	0 mm	Open	N/A	1:1	left	0.536	31.18	
1732.40	1412	UMTS 1750	RMC	23.70	8 mm	Open	N/A	1:1	back	0.419	31.46	30.95
1732.40	1412	UMTS 1750	RMC	23.70	6 mm	Open	N/A	1:1	front	0.471	30.95	
1732.40	1412	UMTS 1750	RMC	23.70	11 mm	Open	N/A	1:1	bottom	0.356	32.16	
1732.40	1412	UMTS 1750	RMC	23.70	0 mm	Open	N/A	1:1	right	0.218	34.29	
1732.40	1412	UMTS 1750	RMC	23.70	0 mm	Open	N/A	1:1	left	0.194	34.80	
1880.00	9400	UMTS 1900	RMC	23.82	8 mm	Open	N/A	1:1	back	0.736	29.13	28.52
1880.00	9400	UMTS 1900	RMC	23.82	6 mm	Open	N/A	1:1	front	0.831	28.60	
1880.00	9400	UMTS 1900	RMC	23.82	11 mm	Open	N/A	1:1	bottom	0.848	28.52	
1880.00	9400	UMTS 1900	RMC	23.82	0 mm	Open	N/A	1:1	right	0.248	33.85	
1880.00	9400	UMTS 1900	RMC	23.82	0 mm	Open	N/A	1:1	left	0.196	34.88	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Phablet 4.0 W/kg (mW/g) averaged over 10 grams							

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: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 44 of 57

Table A-58
DSI = 1 P_{Limit} Calculations – 2G/3G Phablet SAR

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Form Factor	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.									(W/kg)			
836.52	384	Cell. CDMA	TDSO / SQ32	24.09	0 mm	Open	N/A	1:1	back	0.997	28.08	28.08	
836.52	384	Cell. CDMA	TDSO / SQ32	24.09	0 mm	Open	N/A	1:1	front	0.732	29.42		
836.52	384	Cell. CDMA	TDSO / SQ32	24.09	0 mm	Open	N/A	1:1	bottom	0.221	34.63		
836.52	384	Cell. CDMA	TDSO / SQ32	24.09	0 mm	Open	N/A	1:1	right	0.369	32.40		
836.52	384	Cell. CDMA	TDSO / SQ32	24.09	0 mm	Open	N/A	1:1	left	0.481	31.25		
1851.25	25	PCS CDMA	EVDO Rev. 0	21.04	0 mm	Open	N/A	1:1	back	2.430	21.16	21.16	
1880.00	600	PCS CDMA	EVDO Rev. 0	21.10	0 mm	Open	N/A	1:1	back	2.340	21.39		
1908.75	1175	PCS CDMA	EVDO Rev. 0	21.12	0 mm	Open	N/A	1:1	back	2.350	21.39		
1851.25	25	PCS CDMA	EVDO Rev. 0	21.04	0 mm	Open	N/A	1:1	front	1.940	22.14		
1880.00	600	PCS CDMA	EVDO Rev. 0	21.10	0 mm	Open	N/A	1:1	front	1.810	22.50		
1908.75	1175	PCS CDMA	EVDO Rev. 0	21.12	0 mm	Open	N/A	1:1	front	1.760	22.64		
1851.25	25	PCS CDMA	EVDO Rev. 0	21.04	0 mm	Open	N/A	1:1	bottom	2.270	21.46		
1880.00	600	PCS CDMA	EVDO Rev. 0	21.10	0 mm	Open	N/A	1:1	bottom	2.040	21.98		
1908.75	1175	PCS CDMA	EVDO Rev. 0	21.12	0 mm	Open	N/A	1:1	bottom	1.920	22.27		
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	0 mm	Open	N/A	1:1	right	0.255	33.25		
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	0 mm	Open	N/A	1:1	left	0.480	30.51	29.24	
836.60	190	GSM 850	GPRS	28.32	0 mm	Open	3	1:2.76	back	0.729	29.24		
836.60	190	GSM 850	GPRS	28.32	0 mm	Open	3	1:2.76	front	0.554	30.43		
836.60	190	GSM 850	GPRS	28.32	0 mm	Open	3	1:2.76	bottom	0.327	32.72		
836.60	190	GSM 850	GPRS	28.32	0 mm	Open	3	1:2.76	right	0.316	32.87		
836.60	190	GSM 850	GPRS	28.32	0 mm	Open	3	1:2.76	left	0.383	32.04	20.57	
1909.80	810	GSM 1900	GPRS	22.34	0 mm	Open	4	1:2.076	back	1.200	22.35		
1850.20	512	GSM 1900	GPRS	22.31	0 mm	Open	4	1:2.076	front	1.390	21.68		
1880.00	661	GSM 1900	GPRS	22.00	0 mm	Open	4	1:2.076	front	1.670	20.57		
1909.80	810	GSM 1900	GPRS	22.34	0 mm	Open	4	1:2.076	front	1.380	21.74		
1909.80	810	GSM 1900	GPRS	22.34	0 mm	Open	4	1:2.076	bottom	1.040	22.97		
1850.20	512	GSM 1900	GPRS	25.36	0 mm	Open	3	1:2.76	right	0.128	33.84		
1850.20	512	GSM 1900	GPRS	25.36	0 mm	Open	3	1:2.76	left	0.237	31.16		
836.60	4183	UMTS 850	RMC	24.49	0 mm	Open	N/A	1:1	back	0.876	29.04	29.04	
836.60	4183	UMTS 850	RMC	24.49	0 mm	Open	N/A	1:1	front	0.573	30.89		
836.60	4183	UMTS 850	RMC	24.49	0 mm	Open	N/A	1:1	bottom	0.446	31.98		
836.60	4183	UMTS 850	RMC	24.49	0 mm	Open	N/A	1:1	right	0.453	31.91		
836.60	4183	UMTS 850	RMC	24.49	0 mm	Open	N/A	1:1	left	0.536	31.18		
1712.40	1312	UMTS 1750	RMC	20.03	0 mm	Open	N/A	1:1	back	2.120	20.75	20.75	
1732.40	1412	UMTS 1750	RMC	20.00	0 mm	Open	N/A	1:1	back	2.050	20.86		
1752.60	1513	UMTS 1750	RMC	19.87	0 mm	Open	N/A	1:1	back	1.740	21.44		
1712.40	1312	UMTS 1750	RMC	20.03	0 mm	Open	N/A	1:1	front	1.600	21.97		
1732.40	1412	UMTS 1750	RMC	20.00	0 mm	Open	N/A	1:1	front	1.530	22.13		
1752.60	1513	UMTS 1750	RMC	19.87	0 mm	Open	N/A	1:1	front	1.340	22.58		
1712.40	1312	UMTS 1750	RMC	20.03	0 mm	Open	N/A	1:1	bottom	1.820	21.41		
1732.40	1412	UMTS 1750	RMC	20.00	0 mm	Open	N/A	1:1	bottom	1.610	21.91		
1752.60	1513	UMTS 1750	RMC	19.87	0 mm	Open	N/A	1:1	bottom	1.580	21.86		
1732.40	1412	UMTS 1750	RMC	23.70	0 mm	Open	N/A	1:1	right	0.218	34.29	21.90	
1732.40	1412	UMTS 1750	RMC	23.70	0 mm	Open	N/A	1:1	left	0.194	34.80		
1852.40	9262	UMTS 1900	RMC	21.38	0 mm	Open	N/A	1:1	back	2.140	22.06		
1880.00	9400	UMTS 1900	RMC	21.42	0 mm	Open	N/A	1:1	back	1.980	22.43		
1907.60	9538	UMTS 1900	RMC	21.40	0 mm	Open	N/A	1:1	back	2.230	21.90		
1852.40	9262	UMTS 1900	RMC	21.38	0 mm	Open	N/A	1:1	front	2.030	22.28		
1880.00	9400	UMTS 1900	RMC	21.42	0 mm	Open	N/A	1:1	front	1.890	22.63		
1907.60	9538	UMTS 1900	RMC	21.40	0 mm	Open	N/A	1:1	front	1.870	22.66		
1852.40	9262	UMTS 1900	RMC	21.38	0 mm	Open	N/A	1:1	bottom	2.220	21.90		
1880.00	9400	UMTS 1900	RMC	21.42	0 mm	Open	N/A	1:1	bottom	1.920	22.57		
1907.60	9538	UMTS 1900	RMC	21.40	0 mm	Open	N/A	1:1	bottom	1.850	22.71	21.90	
1880.00	9400	UMTS 1900	RMC	23.82	0 mm	Open	N/A	1:1	right	0.248	33.85		
1880.00	9400	UMTS 1900	RMC	23.82	0 mm	Open	N/A	1:1	left	0.196	34.88		
ANSI / IEEE C95.1 1992 - SAFETY LIMIT					Phablet								
Spatial Peak					4.0 W/kg (mW/g)								
Uncontrolled Exposure/General Population					averaged over 10 grams								

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: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 45 of 57

Table A-59
DSI = 0 P_{Limit} Calculations – 4G Phablet SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Bandwidth [MHz]	Power Factor	Conducted Power [dBm]	Modulation	PB Size	PB Offset	Spacing	Side	Duty Cycle	SAR (W/kg)	Plane	Overall Plane
Min	Ch													
660.50	132027	Mid	LTE Band 71	20	Open	24.06	QPSK	1	0	8 mm	back	1.1	0.293	33.39
660.50	132027	Mid	LTE Band 71	20	Open	24.06	QPSK	1	0	6 mm	front	1.1	0.182	35.23
660.50	132027	Mid	LTE Band 71	20	Open	24.06	QPSK	1	0	11 mm	bottom	1.1	0.026	44.26
660.50	132027	Mid	LTE Band 71	20	Open	24.06	QPSK	1	0	0 mm	right	1.1	0.222	34.60
660.50	132027	Mid	LTE Band 71	20	Open	24.06	QPSK	1	0	0 mm	left	1.1	0.636	30.03
707.50	23095	Mid	LTE Band 12	10	Open	24.13	QPSK	1	0	8 mm	back	1.1	0.216	34.76
707.50	23095	Mid	LTE Band 12	10	Open	24.13	QPSK	1	0	6 mm	front	1.1	0.189	35.34
707.50	23095	Mid	LTE Band 12	10	Open	24.13	QPSK	1	0	11 mm	bottom	1.1	0.001	58.11
707.50	23095	Mid	LTE Band 12	10	Open	24.13	QPSK	1	0	0 mm	right	1.1	0.219	34.70
707.50	23095	Mid	LTE Band 12	10	Open	24.13	QPSK	1	0	0 mm	left	1.1	0.716	29.54
762.00	23230	Mid	LTE Band 13	10	Open	24.27	QPSK	1	49	8 mm	back	1.1	0.079	39.27
762.00	23230	Mid	LTE Band 13	10	Open	24.27	QPSK	1	49	6 mm	front	1.1	0.218	34.86
762.00	23230	Mid	LTE Band 13	10	Open	24.27	QPSK	1	49	11 mm	bottom	1.1	0.033	43.06
762.00	23230	Mid	LTE Band 13	10	Open	24.27	QPSK	1	49	0 mm	right	1.1	0.150	36.49
762.00	23230	Mid	LTE Band 13	10	Open	24.27	QPSK	1	49	0 mm	left	1.1	0.120	37.46
763.00	23330	Mid	LTE Band 14	10	Open	24.29	QPSK	1	0	8 mm	back	1.1	0.110	37.77
763.00	23330	Mid	LTE Band 14	10	Open	24.29	QPSK	1	0	6 mm	front	1.1	0.297	33.45
763.00	23330	Mid	LTE Band 14	10	Open	24.29	QPSK	1	0	11 mm	bottom	1.1	0.040	41.95
763.00	23330	Mid	LTE Band 14	10	Open	24.29	QPSK	1	0	0 mm	right	1.1	0.194	35.30
763.00	23330	Mid	LTE Band 14	10	Open	24.29	QPSK	1	0	0 mm	left	1.1	0.107	36.22
831.50	26865	Mid	LTE Band 26 (Cat)	15	Open	23.97	QPSK	1	0	8 mm	back	1.1	0.151	36.16
831.50	26865	Mid	LTE Band 26 (Cat)	15	Open	23.97	QPSK	1	0	6 mm	front	1.1	0.262	33.77
831.50	26865	Mid	LTE Band 26 (Cat)	15	Open	23.97	QPSK	1	0	11 mm	bottom	1.1	0.037	42.27
831.50	26865	Mid	LTE Band 26 (Cat)	15	Open	23.97	QPSK	1	0	0 mm	right	1.1	0.433	31.58
831.50	26865	Mid	LTE Band 26 (Cat)	15	Open	23.97	QPSK	1	0	0 mm	left	1.1	0.560	30.63
836.50	26525	Mid	LTE Band 5 (Cat)	10	Open	23.56	QPSK	1	0	8 mm	back	1.1	0.153	35.68
836.50	26525	Mid	LTE Band 5 (Cat)	10	Open	23.56	QPSK	1	0	6 mm	front	1.1	0.300	32.77
836.50	26525	Mid	LTE Band 5 (Cat)	10	Open	23.56	QPSK	1	0	11 mm	bottom	1.1	0.046	41.01
836.50	26525	Mid	LTE Band 5 (Cat)	10	Open	23.56	QPSK	1	0	0 mm	right	1.1	0.330	32.31
836.50	26525	Mid	LTE Band 5 (Cat)	10	Open	23.56	QPSK	1	0	0 mm	left	1.1	0.413	31.38
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.91	QPSK	1	99	8 mm	back	1.1	1.120	27.40
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.94	QPSK	50	25	8 mm	back	1.1	0.968	27.16
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.91	QPSK	1	99	6 mm	front	1.1	1.320	26.68
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.94	QPSK	50	25	6 mm	front	1.1	1.130	26.49
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.91	QPSK	1	99	11 mm	bottom	1.1	1.060	27.64
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.94	QPSK	50	25	11 mm	bottom	1.1	0.918	27.39
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.91	QPSK	1	99	0 mm	right	1.1	0.331	32.69
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.94	QPSK	50	25	0 mm	right	1.1	0.293	32.37
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.91	QPSK	1	99	0 mm	left	1.1	0.334	32.65
1770.00	132572	High	LTE Band 66 (AWG)	20	Open	23.94	QPSK	50	25	0 mm	left	1.1	0.293	32.36
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	QPSK	1	0	8 mm	back	1.1	1.140	27.76
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.40	QPSK	50	25	8 mm	back	1.1	0.954	27.58
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	QPSK	1	0	6 mm	front	1.1	1.100	27.94
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.40	QPSK	50	25	6 mm	front	1.1	0.897	27.85
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	QPSK	1	0	11 mm	bottom	1.1	1.030	28.22
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.40	QPSK	50	25	11 mm	bottom	1.1	0.866	27.99
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	QPSK	1	0	0 mm	right	1.1	0.321	33.38
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.40	QPSK	50	25	0 mm	right	1.1	0.263	33.18
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.37	QPSK	1	0	0 mm	left	1.1	0.214	35.05
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Open	24.40	QPSK	50	25	0 mm	left	1.1	0.166	35.18
2103.00	27710	Mid	LTE Band 30	10	Open	23.49	QPSK	1	0	8 mm	back	1.1	0.543	30.03
2103.00	27710	Mid	LTE Band 30	10	Open	22.45	QPSK	25	0	8 mm	back	1.1	0.427	35.13
2103.00	27710	Mid	LTE Band 30	10	Open	23.49	QPSK	1	0	6 mm	front	1.1	0.430	31.02
2103.00	27710	Mid	LTE Band 30	10	Open	22.45	QPSK	25	0	6 mm	front	1.1	0.343	31.08
2103.00	27710	Mid	LTE Band 30	10	Open	23.49	QPSK	1	0	11 mm	bottom	1.1	0.681	29.05
2103.00	27710	Mid	LTE Band 30	10	Open	22.45	QPSK	25	0	11 mm	bottom	1.1	0.534	29.15
2103.00	27710	Mid	LTE Band 30	10	Open	23.49	QPSK	1	0	0 mm	right	1.1	0.170	36.07
2103.00	27710	Mid	LTE Band 30	10	Open	22.45	QPSK	25	0	0 mm	right	1.1	0.135	35.13
2103.00	27710	Mid	LTE Band 30	10	Open	23.49	QPSK	1	0	0 mm	left	1.1	0.375	31.64
2103.00	27710	Mid	LTE Band 30	10	Open	22.45	QPSK	25	0	0 mm	left	1.1	0.292	31.78
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	QPSK	1	0	8 mm	back	1.1	0.564	30.49
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	QPSK	50	25	8 mm	back	1.1	0.458	30.45
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	QPSK	1	0	6 mm	front	1.1	0.609	30.15
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	QPSK	50	25	6 mm	front	1.1	0.479	30.26
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	QPSK	1	0	11 mm	bottom	1.1	0.631	28.80
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	QPSK	50	25	11 mm	bottom	1.1	0.682	28.72
2535.00	21100	Mid	LTE Band 7	20	Open	24.02	QPSK	1	0	0 mm	left	1.1	0.707	29.51
2535.00	21100	Mid	LTE Band 7	20	Open	23.08	QPSK	50	25	0 mm	left	1.1	0.572	29.49
3646.70	56207	Mid-High	LTE Band 48	20	Open	21.88	QPSK	1	0	0 mm	back	1.1.58	1.250	22.90
3646.70	56207	Mid-High	LTE Band 48	20	Open	21.86	QPSK	1	0	0 mm	front	1.1.58	2.815	19.39
3646.70	56207	Mid-High	LTE Band 48	20	Open	21.89	QPSK	1	0	0 mm	top	1.1.58	0.641	25.80
3646.70	56207	Mid-High	LTE Band 48	20	Open	21.88	QPSK	1	0	0 mm	left	1.1.58	2.790	19.42
2680.00	41490	High	LTE Band 41	20	Open	24.54	QPSK	1	50	8 mm	back	1.1.58	0.250	32.55
2680.00	41490	High	LTE Band 41	20	Open	23.50	QPSK	50	50	8 mm	back	1.1.58	0.202	32.52
2680.00	41490	High	LTE Band 41	20	Open	24.54	QPSK	1	50	6 mm	front	1.1.58	0.240	32.73
2680.00	41490	High	LTE Band 41	20	Open	23.50	QPSK	50	50	6 mm	front	1.1.58	0.193	32.74
2680.00	41490	High	LTE Band 41	20	Open	24.54	QPSK	1	50	11 mm	bottom	1.1.58	0.350	31.09
2680.00	41490	High	LTE Band 41	20	Open	23.50	QPSK	50	50	11 mm	bottom	1.1.58	0.283	31.08
2680.00	41490	High	LTE Band 41	20	Open	24.54	QPSK	1	50	0 mm	left	1.1.58	1.030	26.41
2680.00	41490	High	LTE Band 41	20	Open	23.50	QPSK	50	50	0 mm	left	1.1.58	0.823	26.44
ANSI / IEEE C63.1 1992 - SAFETY LIMIT						Phablet								
Spatial Peak						4.0 W/kg (avg)								
Uncontrolled Exposure/General Population						averaged over 10 grams								

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: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 46 of 57

DSI = 1 P_{Limit} Calculations – 4G Phablet SAR

Frequency		Measurement Results										Analysis									
Site	Alt.	Band	Modulation	Power (dBm)	SNR (dB)	Constellation	BER	Efficiency (bps/Hz)	Latency (ms)	Throughput (Mbps)	Signal	Interf.	Env. Type	Temp (°C)	Price	Notes					
000001	000001	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000002	000002	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000003	000003	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000004	000004	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000005	000005	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000006	000006	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000007	000007	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000008	000008	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000009	000009	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000010	000010	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000011	000011	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000012	000012	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000013	000013	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000014	000014	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000015	000015	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000016	000016	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000017	000017	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000018	000018	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000019	000019	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000020	000020	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000021	000021	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000022	000022	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000023	000023	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000024	000024	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000025	000025	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000026	000026	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000027	000027	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000028	000028	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000029	000029	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000030	000030	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000031	000031	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000032	000032	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000033	000033	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000034	000034	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000035	000035	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000036	000036	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000037	000037	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000038	000038	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000039	000039	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000040	000040	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000041	000041	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000042	000042	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000043	000043	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000044	000044	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000045	000045	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000046	000046	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000047	000047	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000048	000048	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000049	000049	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000050	000050	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000051	000051	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000052	000052	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000053	000053	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000054	000054	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000055	000055	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000056	000056	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000057	000057	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000058	000058	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000059	000059	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000060	000060	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000061	000061	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000062	000062	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000063	000063	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000064	000064	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000065	000065	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000066	000066	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000067	000067	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000068	000068	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000069	000069	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000070	000070	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000071	000071	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000072	000072	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000073	000073	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000074	000074	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000075	000075	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000076	000076	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000077	000077	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000078	000078	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000079	000079	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000080	000080	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00						
000081	000081	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00	0.00	1.00	Good	1.0	Urban	15.00	10.00	25.00					
000082	000082	1.575 GHz	1	QPSK	20.00	15.00	0.01	1.00													

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: A3LSMF711U1	 PCTEST® Proud to be part of  element	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 47 of 57

Table A-61
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	8 mm	back	1:1	0.105	37.96	29.47
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	6 mm	front	1:1	0.086	38.82	
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	11 mm	bottom	1:1	0.009	48.63	
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.160	36.13	
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.742	29.47	
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	8 mm	back	1:1	0.128	36.86	27.44
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	6 mm	front	1:1	0.099	37.97	
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	11 mm	bottom	1:1	0.015	46.17	
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.213	34.65	
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	1.120	27.44	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	8 mm	back	1:1	0.073	39.03	33.41
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	6 mm	front	1:1	0.065	39.53	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	11 mm	bottom	1:1	0.021	44.44	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.179	35.13	
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.266	33.41	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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-62
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	8 mm	back	1:1	0.962	28.05	27.27
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	8 mm	back	1:1	0.919	28.20	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	6 mm	front	1:1	1.150	27.27	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	6 mm	front	1:1	1.120	27.34	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	11 mm	bottom	1:1	0.910	28.29	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	11 mm	bottom	1:1	0.922	28.18	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	0 mm	right	1:1	0.223	34.40	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.228	34.25	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	0 mm	left	1:1	0.281	33.39	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.302	33.03	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset		APPENDIX A: Page 48 of 57

Table A-63
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
															(W/kg)		
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.477	28.82	28.53
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.363	30.01	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.032	40.56	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.510	28.53	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Extremity								
Spatial Peak									4.0 W/kg (mW/g)								
Uncontrolled Exposure/General Population									averaged over 10 grams								

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 – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	8 mm	back	1:1	0.727	29.09	28.02
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	8 mm	back	1:1	0.648	29.36	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	6 mm	front	1:1	0.869	28.32	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	6 mm	front	1:1	0.755	28.70	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	11 mm	bottom	1:1	0.930	28.02	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	11 mm	bottom	1:1	0.850	28.19	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	0 mm	right	1:1	0.266	33.46	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.235	33.77	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	0 mm	left	1:1	0.200	34.70	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.178	34.98	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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

Table A-65
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	24.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	1.500	26.61	23.66
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.580	26.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.096	38.55	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.49	I	DFT-S-OFDM	QPSK	1	214	0 mm	right	1:1	2.390	24.69	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.35	I	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	2.930	23.66	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.45	I	DFT-S-OFDM	QPSK	216	0	0 mm	right	1:1	2.130	24.15	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	22.99	I	CP-OFDM	QPSK	1	1	0 mm	right	1:1	1.580	24.98	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 49 of 57

Table A-66
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	22.73	DFT-S-OFDM	QPSK	1	26	8 mm	back	1:1	0.209	33.51	30.19
2310.00	462000	Mid	NR Band n30	10	Open	22.46	DFT-S-OFDM	QPSK	25	14	8 mm	back	1:1	0.211	33.20	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	DFT-S-OFDM	QPSK	1	26	6 mm	front	1:1	0.313	31.75	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	DFT-S-OFDM	QPSK	25	14	6 mm	front	1:1	0.309	31.54	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	DFT-S-OFDM	QPSK	1	26	11 mm	bottom	1:1	0.438	30.29	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	DFT-S-OFDM	QPSK	25	14	11 mm	bottom	1:1	0.422	30.19	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	DFT-S-OFDM	QPSK	1	26	0 mm	right	1:1	0.148	35.01	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	DFT-S-OFDM	QPSK	25	14	0 mm	right	1:1	0.148	34.74	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	DFT-S-OFDM	QPSK	1	26	0 mm	left	1:1	0.216	33.36	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	DFT-S-OFDM	QPSK	25	14	0 mm	left	1:1	0.215	33.12	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Extremity									
Spatial Peak							4.0 W/kg (mW/g)									
Uncontrolled Exposure/General Population							averaged over 10 grams									

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 – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	21.55	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.950	22.63	21.64
2592.99	518598	Mid	NR Band n41	100	Open	21.61	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	1.970	22.64	
2592.99	518598	Mid	NR Band n41	100	Open	21.48	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	1.940	22.58	
2592.99	518598	Mid	NR Band n41	100	Open	21.55	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.760	23.07	
2592.99	518598	Mid	NR Band n41	100	Open	21.61	DFT-S-OFDM	QPSK	135	0	0 mm	front	1:1	1.770	23.11	
2592.99	518598	Mid	NR Band n41	100	Open	21.43	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.246	31.50	
2592.99	518598	Mid	NR Band n41	100	Open	21.55	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	2.370	21.78	
2592.99	518598	Mid	NR Band n41	100	Open	21.61	DFT-S-OFDM	QPSK	135	0	0 mm	right	1:1	2.480	21.64	
2592.99	518598	Mid	NR Band n41	100	Open	21.48	DFT-S-OFDM	QPSK	270	0	0 mm	right	1:1	2.340	21.77	
2592.99	518598	Mid	NR Band n41	100	Open	21.05	CP-OFDM	QPSK	1	1	0 mm	right	1:1	1.940	22.15	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 50 of 57	

Table A-68
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.926	23.08
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.746	23.92
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.850	23.46
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	front	1:1	0.847	23.37
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	0.392	26.82
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	0.387	26.77
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	1.770	20.27
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	1.770	20.17
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.66	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	1.840	19.99
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.66	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.030	19.56
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	8 mm	back	1:1	0.534	23.09
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.557	22.91
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.095	30.59
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.611	22.51
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.245	26.07
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.266	25.71
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.007	41.51
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.400	23.94
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.258	22.89
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.187	24.29
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.024	33.21
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.259	22.88
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 51 of 57

Table A-69
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3750.00	650000	Low	NR Band n77	100	Open	18.93	F	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.905	23.34
3930.00	662000	High	NR Band n77	100	Open	19.28	F	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.160	22.61
3750.00	650000	Low	NR Band n77	100	Open	18.86	F	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.900	23.30
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	1.180	22.45
3930.00	662000	High	NR Band n77	100	Open	19.14	F	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	1.230	22.22
3750.00	650000	Low	NR Band n77	100	Open	18.93	F	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.970	23.04
3930.00	662000	High	NR Band n77	100	Open	19.28	F	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.090	22.89
3750.00	650000	Low	NR Band n77	100	Open	18.86	F	DFT-S-OFDM	QPSK	135	69	0 mm	front	1:1	0.920	23.20
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	135	0	0 mm	front	1:1	1.150	22.56
3930.00	662000	High	NR Band n77	100	Open	19.14	F	DFT-S-OFDM	QPSK	270	0	0 mm	front	1:1	0.932	23.43
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.541	25.84
3750.00	650000	Low	NR Band n77	100	Open	18.93	F	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	2.310	19.27
3930.00	662000	High	NR Band n77	100	Open	19.28	F	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	2.840	18.73
3750.00	650000	Low	NR Band n77	100	Open	18.86	F	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	2.260	19.30
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	2.830	18.65
3930.00	662000	High	NR Band n77	100	Open	19.14	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	2.420	19.28
3930.00	662000	High	NR Band n77	100	Open	19.17	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.900	18.53
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.291	26.05
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.407	24.59
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.001	50.69
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.274	26.31
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.376	25.11
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.290	26.24
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.028	36.39
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.528	23.63
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.221	23.40
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.193	23.98
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.027	32.53
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.194	23.96
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Extremity 1.6 W/kg (mW/g) averaged over 1 gram								

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: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset	APPENDIX A: Page 52 of 57

Table A-70
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.928	28.49
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.477	31.38
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.182	35.57
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.160	36.13
680.50	136100	Mid	NR Band n71	20	Open	24.19	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.742	29.47
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	1.060	27.68
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.585	30.26
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.228	34.35
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.213	34.65
707.50	141500	Mid	NR Band n12	15	Open	23.95	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	1.120	27.44
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.694	29.25
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.360	32.10
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.512	30.57
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.179	35.13
836.50	167300	Mid	NR Band n5 (Cell)	20	Open	23.68	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.266	33.41
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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-71
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	19.98	A	DFT-S-OFDM	QPSK	1	214	0 mm	back	1:1	2.420	20.12
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	20.02	A	DFT-S-OFDM	QPSK	108	108	0 mm	back	1:1	2.460	20.09
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	19.97	A	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	2.270	20.39
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	19.75	A	CP-OFDM	QPSK	1	1	0 mm	back	1:1	2.550	19.66
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	19.98	A	DFT-S-OFDM	QPSK	1	214	0 mm	front	1:1	1.970	21.01
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	20.02	A	DFT-S-OFDM	QPSK	108	108	0 mm	front	1:1	2.030	20.92
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	19.97	A	DFT-S-OFDM	QPSK	216	0	0 mm	front	1:1	1.790	21.42
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	19.98	A	DFT-S-OFDM	QPSK	1	214	0 mm	bottom	1:1	1.380	22.56
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	20.02	A	DFT-S-OFDM	QPSK	108	108	0 mm	bottom	1:1	1.520	22.18
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	0 mm	right	1:1	0.223	34.40
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.228	34.25
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.90	A	DFT-S-OFDM	QPSK	1	214	0 mm	left	1:1	0.281	33.39
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	23.85	A	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.302	33.03
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 08/03/21 - 09/13/21	DUT Type: Portable Handset		APPENDIX A: Page 53 of 57

Table A-72
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
															(W/kg)		
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.477	28.82	28.53
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.363	30.01	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.032	40.56	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Open	21.63	I	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.510	28.53	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Extremity								
Spatial Peak									4.0 W/kg (mW/g)								
Uncontrolled Exposure/General Population									averaged over 10 grams								

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 = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
															(W/kg)		
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.59	A	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	1.940	22.69	22.69
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.40	A	DFT-S-OFDM	QPSK	108	0	0 mm	back	1:1	1.830	22.75	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.39	A	DFT-S-OFDM	QPSK	216	0	0 mm	back	1:1	1.850	22.70	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.49	A	CP-OFDM	QPSK	1	1	0 mm	back	1:1	1.840	22.82	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.59	A	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.500	23.81	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.40	A	DFT-S-OFDM	QPSK	108	0	0 mm	front	1:1	1.430	23.83	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.59	A	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	1.780	23.07	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	21.40	A	DFT-S-OFDM	QPSK	108	0	0 mm	bottom	1:1	1.700	23.07	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	0 mm	right	1:1	0.266	33.46	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	0.235	33.77	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.73	A	DFT-S-OFDM	QPSK	1	214	0 mm	left	1:1	0.200	34.70	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.50	A	DFT-S-OFDM	QPSK	108	54	0 mm	left	1:1	0.178	34.98	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Extremity									
Spatial Peak								4.0 W/kg (mW/g)									
Uncontrolled Exposure/General Population								averaged over 10 grams									

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

Table A-74
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	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	Open	24.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	1.500	26.61	23.66
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.580	26.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.096	38.55	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.49	I	DFT-S-OFDM	QPSK	1	214	0 mm	right	1:1	2.390	24.69	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	24.35	I	DFT-S-OFDM	QPSK	108	54	0 mm	right	1:1	2.930	23.66	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	23.45	I	DFT-S-OFDM	QPSK	216	0	0 mm	right	1:1	2.130	24.15	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Open	22.99	I	CP-OFDM	QPSK	1	1	0 mm	right	1:1	1.580	24.98	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-75
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	21.46	DFT-S-OFDM	QPSK	1	26	0 mm	back	1:1	0.786	26.49	26.08
2310.00	462000	Mid	NR Band n30	10	Open	21.39	DFT-S-OFDM	QPSK	25	14	0 mm	back	1:1	0.778	26.46	
2310.00	462000	Mid	NR Band n30	10	Open	21.46	DFT-S-OFDM	QPSK	1	26	0 mm	front	1:1	0.540	28.12	
2310.00	462000	Mid	NR Band n30	10	Open	21.39	DFT-S-OFDM	QPSK	25	14	0 mm	front	1:1	0.528	28.14	
2310.00	462000	Mid	NR Band n30	10	Open	21.46	DFT-S-OFDM	QPSK	1	26	0 mm	bottom	1:1	0.861	26.09	
2310.00	462000	Mid	NR Band n30	10	Open	21.39	DFT-S-OFDM	QPSK	25	14	0 mm	bottom	1:1	0.849	26.08	
2310.00	462000	Mid	NR Band n30	10	Open	21.21	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.799	26.16	
2310.00	462000	Mid	NR Band n30	10	Open	22.73	DFT-S-OFDM	QPSK	1	26	0 mm	right	1:1	0.148	35.01	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	DFT-S-OFDM	QPSK	25	14	0 mm	right	1:1	0.148	34.74	
2310.00	462000	Mid	NR Band n30	10	Open	21.46	DFT-S-OFDM	QPSK	1	26	0 mm	left	1:1	0.216	32.09	
2310.00	462000	Mid	NR Band n30	10	Open	22.46	DFT-S-OFDM	QPSK	25	14	0 mm	left	1:1	0.215	33.12	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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

Table A-76
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	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	Open	21.55	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.950	22.63	21.64
2592.99	518598	Mid	NR Band n41	100	Open	21.61	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	1.970	22.64	
2592.99	518598	Mid	NR Band n41	100	Open	21.48	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	1.940	22.58	
2592.99	518598	Mid	NR Band n41	100	Open	21.55	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.760	23.07	
2592.99	518598	Mid	NR Band n41	100	Open	21.61	DFT-S-OFDM	QPSK	135	0	0 mm	front	1:1	1.770	23.11	
2592.99	518598	Mid	NR Band n41	100	Open	21.43	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.246	31.50	
2592.99	518598	Mid	NR Band n41	100	Open	21.55	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	2.370	21.78	
2592.99	518598	Mid	NR Band n41	100	Open	21.61	DFT-S-OFDM	QPSK	135	0	0 mm	right	1:1	2.480	21.64	
2592.99	518598	Mid	NR Band n41	100	Open	21.48	DFT-S-OFDM	QPSK	270	0	0 mm	right	1:1	2.340	21.77	
2592.99	518598	Mid	NR Band n41	100	Open	21.05	CP-OFDM	QPSK	1	1	0 mm	right	1:1	1.940	22.15	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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

FCC ID: A3LSMF711U1	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-77
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.926	23.08
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.746	23.92
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.850	23.46
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	front	1:1	0.847	23.37
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	0.392	26.82
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	0.387	26.77
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.77	F	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	1.770	20.27
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.67	F	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	1.770	20.17
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.66	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	1.840	19.99
3500.01	633334	Mid	NR Band n77 DoD	100	Open	18.66	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.030	19.56
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	8 mm	back	1:1	0.534	23.09
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.557	22.91
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.095	30.59
3500.01	633334	Mid	NR Band n77 DoD	100	Open	16.39	I	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.611	22.51
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.245	26.07
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.266	25.71
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.007	41.51
3500.01	633334	Mid	NR Band n77 DoD	100	Open	15.98	E	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.400	23.94
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.258	22.89
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.187	24.29
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.024	33.21
3500.01	633334	Mid	NR Band n77 DoD	100	Open	13.03	C	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.259	22.88
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Extremity 4.0 W/kg (mW/g) averaged over 10 grams									

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.

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Table A-78
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Form Factor	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3750.00	650000	Low	NR Band n77	100	Open	18.93	F	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.905	23.34
3930.00	662000	High	NR Band n77	100	Open	19.28	F	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	1.160	22.61
3750.00	650000	Low	NR Band n77	100	Open	18.86	F	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.900	23.30
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	1.180	22.45
3930.00	662000	High	NR Band n77	100	Open	19.14	F	DFT-S-OFDM	QPSK	270	0	0 mm	back	1:1	1.230	22.22
3750.00	650000	Low	NR Band n77	100	Open	18.93	F	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.970	23.04
3930.00	662000	High	NR Band n77	100	Open	19.28	F	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.090	22.89
3750.00	650000	Low	NR Band n77	100	Open	18.86	F	DFT-S-OFDM	QPSK	135	69	0 mm	front	1:1	0.920	23.20
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	135	0	0 mm	front	1:1	1.150	22.56
3930.00	662000	High	NR Band n77	100	Open	19.14	F	DFT-S-OFDM	QPSK	270	0	0 mm	front	1:1	0.932	23.43
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.541	25.84
3750.00	650000	Low	NR Band n77	100	Open	18.93	F	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	2.310	19.27
3930.00	662000	High	NR Band n77	100	Open	19.28	F	DFT-S-OFDM	QPSK	1	137	0 mm	left	1:1	2.840	18.73
3750.00	650000	Low	NR Band n77	100	Open	18.86	F	DFT-S-OFDM	QPSK	135	69	0 mm	left	1:1	2.260	19.30
3930.00	662000	High	NR Band n77	100	Open	19.19	F	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	2.830	18.65
3930.00	662000	High	NR Band n77	100	Open	19.14	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	2.420	19.28
3930.00	662000	High	NR Band n77	100	Open	19.17	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.900	18.53
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.291	26.05
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.407	24.59
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.001	50.69
3930.00	662000	High	NR Band n77	100	Open	16.71	I	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.274	26.31
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.376	25.11
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.290	26.24
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.028	36.39
3930.00	662000	High	NR Band n77	100	Open	16.88	E	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.528	23.63
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.221	23.40
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.193	23.98
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	0.027	32.53
3930.00	662000	High	NR Band n77	100	Open	12.86	C	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.194	23.96
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Extremity 1.6 W/kg (mW/g) averaged over 1 gram								

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: A3LSMF711U1	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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