

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

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

MEASUREMENT RESULTS											
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Side	Test Position	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
848.31	777	CDMA BC0 (§22H)	RC3 / SO55	24.60	Open	Right	Cheek	1:1	0.215	31.28	30.78
848.31	777	CDMA BC0 (§22H)	RC3 / SO55	24.60	Open	Right	Tilt	1:1	0.093	34.92	
848.31	777	CDMA BC0 (§22H)	RC3 / SO55	24.60	Open	Left	Cheek	1:1	0.187	31.88	
848.31	777	CDMA BC0 (§22H)	RC3 / SO55	24.60	Open	Left	Tilt	1:1	0.104	34.43	
848.31	777	CDMA BC0 (§22H)	EVDO Rev. A	23.08	Open	Right	Cheek	1:1	0.170	30.78	
848.31	777	CDMA BC0 (§22H)	EVDO Rev. A	23.08	Open	Right	Tilt	1:1	0.095	33.30	
848.31	777	CDMA BC0 (§22H)	EVDO Rev. A	23.08	Open	Left	Cheek	1:1	0.162	30.98	
848.31	777	CDMA BC0 (§22H)	EVDO Rev. A	23.08	Open	Left	Tilt	1:1	0.096	33.26	
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Open	Right	Cheek	1:1	0.071	35.20	34.07
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Open	Right	Tilt	1:1	0.073	35.08	
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Open	Left	Cheek	1:1	0.085	34.42	
1880.00	600	PCS CDMA	RC3 / SO55	23.71	Open	Left	Tilt	1:1	0.053	36.47	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Open	Right	Cheek	1:1	0.078	34.34	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Open	Right	Tilt	1:1	0.064	35.20	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Open	Left	Cheek	1:1	0.083	34.07	
1880.00	600	PCS CDMA	EVDO Rev. A	23.26	Open	Left	Tilt	1:1	0.082	34.12	
824.20	128	GSM 850	GSM	32.00	Open	Right	Cheek	1:8.3	0.104	32.63	32.63
824.20	128	GSM 850	GSM	32.00	Open	Right	Tilt	1:8.3	0.055	35.40	
824.20	128	GSM 850	GSM	32.00	Open	Left	Cheek	1:8.3	0.094	33.07	
824.20	128	GSM 850	GSM	32.00	Open	Left	Tilt	1:8.3	0.054	35.47	
1850.20	512	GSM 1900	GSM	29.25	Open	Right	Cheek	1:8.3	0.039	34.14	34.03
1850.20	512	GSM 1900	GSM	29.25	Open	Right	Tilt	1:8.3	0.033	34.86	
1850.20	512	GSM 1900	GSM	29.25	Open	Left	Cheek	1:8.3	0.040	34.03	
1850.20	512	GSM 1900	GSM	29.25	Open	Left	Tilt	1:8.3	0.028	35.58	
836.60	4183	UMTS 850	RMC	24.49	Open	Right	Cheek	1:1	0.184	31.84	31.84
836.60	4183	UMTS 850	RMC	24.49	Open	Right	Tilt	1:1	0.087	35.09	
836.60	4183	UMTS 850	RMC	24.49	Open	Left	Cheek	1:1	0.183	31.87	
836.60	4183	UMTS 850	RMC	24.49	Open	Left	Tilt	1:1	0.103	34.36	
1732.40	1412	UMTS 1750	RMC	23.70	Open	Right	Cheek	1:1	0.087	34.30	34.30
1732.40	1412	UMTS 1750	RMC	23.70	Open	Right	Tilt	1:1	0.039	37.79	
1732.40	1412	UMTS 1750	RMC	23.70	Open	Left	Cheek	1:1	0.079	34.72	
1732.40	1412	UMTS 1750	RMC	23.70	Open	Left	Tilt	1:1	0.051	36.62	
1880.00	9400	UMTS 1900	RMC	23.82	Open	Right	Cheek	1:1	0.090	34.28	34.28
1880.00	9400	UMTS 1900	RMC	23.82	Open	Right	Tilt	1:1	0.032	38.77	
1880.00	9400	UMTS 1900	RMC	23.82	Open	Left	Cheek	1:1	0.040	37.80	
1880.00	9400	UMTS 1900	RMC	23.82	Open	Left	Tilt	1:1	0.022	40.40	

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

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 1 of 38

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	P_{Limit}	Minimum P_{Limit}
MHz	Ch.	Mid											(W/kg)	[dBm]	[dBm]
680.5	133297	Mid	LTE Band 71	20	24.11	Open	Right	Cheek	QPSK	1	50	1:1	0.153	32.26	31.96
680.5	133297	Mid	LTE Band 71	20	23.26	Open	Right	Cheek	QPSK	50	25	1:1	0.128	32.19	
680.5	133297	Mid	LTE Band 71	20	24.11	Open	Right	Tilt	QPSK	1	50	1:1	0.080	35.08	
680.5	133297	Mid	LTE Band 71	20	23.26	Open	Right	Tilt	QPSK	50	25	1:1	0.064	35.20	
680.5	133297	Mid	LTE Band 71	20	24.11	Open	Left	Cheek	QPSK	1	50	1:1	0.163	31.99	
680.5	133297	Mid	LTE Band 71	20	23.26	Open	Left	Cheek	QPSK	50	25	1:1	0.135	31.96	
680.5	133297	Mid	LTE Band 71	20	24.11	Open	Left	Tilt	QPSK	1	50	1:1	0.029	39.49	
680.5	133297	Mid	LTE Band 71	20	23.26	Open	Left	Tilt	QPSK	50	25	1:1	0.025	39.28	
707.5	23095	Mid	LTE Band 12	10	24.25	Open	Right	Cheek	QPSK	1	25	1:1	0.172	31.89	31.35
707.5	23095	Mid	LTE Band 12	10	23.40	Open	Right	Cheek	QPSK	25	12	1:1	0.147	31.73	
707.5	23095	Mid	LTE Band 12	10	24.25	Open	Right	Tilt	QPSK	1	25	1:1	0.090	34.71	
707.5	23095	Mid	LTE Band 12	10	23.40	Open	Right	Tilt	QPSK	25	12	1:1	0.080	34.37	
707.5	23095	Mid	LTE Band 12	10	24.25	Open	Left	Cheek	QPSK	1	25	1:1	0.195	31.35	
707.5	23095	Mid	LTE Band 12	10	23.40	Open	Left	Cheek	QPSK	25	12	1:1	0.155	31.50	
707.5	23095	Mid	LTE Band 12	10	24.25	Open	Left	Tilt	QPSK	1	25	1:1	0.097	34.38	
707.5	23095	Mid	LTE Band 12	10	23.40	Open	Left	Tilt	QPSK	25	12	1:1	0.076	34.59	
782.0	23230	Mid	LTE Band 13	10	24.27	Open	Right	Cheek	QPSK	1	49	1:1	0.216	30.93	30.93
782.0	23230	Mid	LTE Band 13	10	23.33	Open	Right	Cheek	QPSK	25	0	1:1	0.149	31.60	
782.0	23230	Mid	LTE Band 13	10	24.27	Open	Right	Tilt	QPSK	1	49	1:1	0.105	34.06	
782.0	23230	Mid	LTE Band 13	10	23.33	Open	Right	Tilt	QPSK	25	0	1:1	0.072	34.76	
782.0	23230	Mid	LTE Band 13	10	24.27	Open	Left	Cheek	QPSK	1	49	1:1	0.143	32.72	
782.0	23230	Mid	LTE Band 13	10	23.33	Open	Left	Cheek	QPSK	25	0	1:1	0.125	32.36	
782.0	23230	Mid	LTE Band 13	10	24.27	Open	Left	Tilt	QPSK	1	49	1:1	0.076	35.46	
782.0	23230	Mid	LTE Band 13	10	23.33	Open	Left	Tilt	QPSK	25	0	1:1	0.063	35.34	
793.0	23330	Mid	LTE Band 14	10	24.20	Open	Right	Cheek	QPSK	1	0	1:1	0.207	31.04	31.04
793.0	23330	Mid	LTE Band 14	10	23.34	Open	Right	Cheek	QPSK	25	12	1:1	0.170	31.04	
793.0	23330	Mid	LTE Band 14	10	24.20	Open	Right	Tilt	QPSK	1	0	1:1	0.092	34.56	
793.0	23330	Mid	LTE Band 14	10	23.34	Open	Right	Tilt	QPSK	25	12	1:1	0.084	34.10	
793.0	23330	Mid	LTE Band 14	10	24.20	Open	Left	Cheek	QPSK	1	0	1:1	0.153	32.35	
793.0	23330	Mid	LTE Band 14	10	23.34	Open	Left	Cheek	QPSK	25	12	1:1	0.128	32.27	
793.0	23330	Mid	LTE Band 14	10	24.20	Open	Left	Tilt	QPSK	1	0	1:1	0.081	35.12	
793.0	23330	Mid	LTE Band 14	10	23.34	Open	Left	Tilt	QPSK	25	12	1:1	0.064	35.28	
831.5	26865	Mid	LTE Band 26 (Cell)	15	24.00	Open	Right	Cheek	QPSK	1	74	1:1	0.229	30.40	30.40
831.5	26865	Mid	LTE Band 26 (Cell)	15	23.05	Open	Right	Cheek	QPSK	36	37	1:1	0.164	30.90	
831.5	26865	Mid	LTE Band 26 (Cell)	15	24.00	Open	Right	Tilt	QPSK	1	74	1:1	0.106	33.75	
831.5	26865	Mid	LTE Band 26 (Cell)	15	23.05	Open	Right	Tilt	QPSK	36	37	1:1	0.082	33.91	
831.5	26865	Mid	LTE Band 26 (Cell)	15	24.00	Open	Left	Cheek	QPSK	1	74	1:1	0.177	31.52	
831.5	26865	Mid	LTE Band 26 (Cell)	15	23.05	Open	Left	Cheek	QPSK	36	37	1:1	0.150	31.29	
831.5	26865	Mid	LTE Band 26 (Cell)	15	24.00	Open	Left	Tilt	QPSK	1	74	1:1	0.100	34.00	
831.5	26865	Mid	LTE Band 26 (Cell)	15	23.05	Open	Left	Tilt	QPSK	36	37	1:1	0.083	33.86	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.67	Open	Right	Cheek	QPSK	1	49	1:1	0.187	30.95	30.80
836.5	20525	Mid	LTE Band 5 (Cell)	10	22.62	Open	Right	Cheek	QPSK	25	25	1:1	0.152	30.80	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.67	Open	Right	Tilt	QPSK	1	49	1:1	0.088	34.23	
836.5	20525	Mid	LTE Band 5 (Cell)	10	22.62	Open	Right	Tilt	QPSK	25	25	1:1	0.074	33.93	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.67	Open	Left	Cheek	QPSK	1	49	1:1	0.162	31.57	
836.5	20525	Mid	LTE Band 5 (Cell)	10	22.62	Open	Left	Cheek	QPSK	25	25	1:1	0.132	31.41	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.67	Open	Left	Tilt	QPSK	1	49	1:1	0.100	33.67	
836.5	20525	Mid	LTE Band 5 (Cell)	10	22.62	Open	Left	Tilt	QPSK	25	25	1:1	0.083	33.43	

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

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Table A-3
DSI = 2 P_{Limit} Calculations – 4G Head SAR

MEASUREMENT RESULTS															SAR (1g)	PLimit	Minimum PLimit
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	(W/kg)	(dBm)	(dBm)			
MHz	Ch.																
1770.0	132572	High	LTE Band 66 (AWS)	20	23.91	Open	Right	Cheek	QPSK	1	99	1:1	0.105	33.70	33.04		
1770.0	132572	High	LTE Band 66 (AWS)	20	23.04	Open	Right	Cheek	QPSK	50	25	1:1	0.100	33.04			
1770.0	132572	High	LTE Band 66 (AWS)	20	23.91	Open	Right	Tilt	QPSK	1	99	1:1	0.051	36.83			
1770.0	132572	High	LTE Band 66 (AWS)	20	23.04	Open	Right	Tilt	QPSK	50	25	1:1	0.039	37.13			
1770.0	132572	High	LTE Band 66 (AWS)	20	23.91	Open	Left	Cheek	QPSK	1	99	1:1	0.049	37.01			
1770.0	132572	High	LTE Band 66 (AWS)	20	23.04	Open	Left	Cheek	QPSK	50	25	1:1	0.040	37.02			
1770.0	132572	High	LTE Band 66 (AWS)	20	23.91	Open	Left	Tilt	QPSK	1	99	1:1	0.037	38.23			
1882.5	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	Right	Cheek	QPSK	1	0	1:1	0.104	34.20	34.06		
1882.5	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	Right	Cheek	QPSK	50	25	1:1	0.086	34.06			
1882.5	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	Right	Tilt	QPSK	1	0	1:1	0.049	37.47			
1882.5	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	Right	Tilt	QPSK	50	25	1:1	0.043	37.07			
1882.5	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	Left	Cheek	QPSK	1	0	1:1	0.104	34.20			
1882.5	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	Left	Cheek	QPSK	50	25	1:1	0.076	34.59			
1882.5	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	Left	Tilt	QPSK	1	0	1:1	0.073	35.74			
1882.5	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	Left	Tilt	QPSK	50	25	1:1	0.039	37.49			
2310.0	27710	Mid	LTE Band 30	10	23.40	Open	Right	Cheek	QPSK	1	0	1:1	0.028	38.93	37.72		
2310.0	27710	Mid	LTE Band 30	10	22.45	Open	Right	Cheek	QPSK	25	0	1:1	0.023	38.83			
2310.0	27710	Mid	LTE Band 30	10	23.40	Open	Right	Tilt	QPSK	1	0	1:1	0.015	41.64			
2310.0	27710	Mid	LTE Band 30	10	22.45	Open	Right	Tilt	QPSK	25	0	1:1	0.010	42.45			
2310.0	27710	Mid	LTE Band 30	10	23.40	Open	Left	Cheek	QPSK	1	0	1:1	0.037	37.72			
2310.0	27710	Mid	LTE Band 30	10	22.45	Open	Left	Cheek	QPSK	25	0	1:1	0.028	37.98			
2310.0	27710	Mid	LTE Band 30	10	23.40	Open	Left	Tilt	QPSK	1	0	1:1	0.011	42.99			
2310.0	27710	Mid	LTE Band 30	10	22.45	Open	Left	Tilt	QPSK	25	0	1:1	0.006	44.67			
2535.0	21100	Mid	LTE Band 7	20	24.02	Open	Right	Cheek	QPSK	1	0	1:1	0.045	37.49	37.49		
2535.0	21100	Mid	LTE Band 7	20	23.08	Open	Right	Cheek	QPSK	50	25	1:1	0.032	38.03			
2535.0	21100	Mid	LTE Band 7	20	24.02	Open	Right	Tilt	QPSK	1	0	1:1	0.013	42.88			
2535.0	21100	Mid	LTE Band 7	20	23.08	Open	Right	Tilt	QPSK	50	25	1:1	0.005	46.09			
2535.0	21100	Mid	LTE Band 7	20	24.02	Open	Left	Cheek	QPSK	1	0	1:1	0.030	39.25			
2535.0	21100	Mid	LTE Band 7	20	23.08	Open	Left	Cheek	QPSK	50	25	1:1	0.026	38.93			
2535.0	21100	Mid	LTE Band 7	20	24.02	Open	Left	Tilt	QPSK	1	0	1:1	0.005	47.03			
2535.0	21100	Mid	LTE Band 7	20	23.08	Open	Left	Tilt	QPSK	50	25	1:1	0.004	47.06			
3690.0	56640	High	LTE Band 48	20	17.23	Open	Right	Cheek	QPSK	1	0	1:1.58	0.502	18.24	18.14		
3690.0	56640	Low	LTE Band 48	20	17.11	Open	Right	Cheek	QPSK	50	50	1:1.58	0.347	19.72			
3603.3	55773	Low-Mid	LTE Band 48	20	17.12	Open	Right	Cheek	QPSK	50	50	1:1.58	0.394	19.18			
3646.7	56207	Mid-High	LTE Band 48	20	17.21	Open	Right	Cheek	QPSK	50	50	1:1.58	0.457	18.62			
3690.0	56640	High	LTE Band 48	20	17.22	Open	Right	Cheek	QPSK	50	0	1:1.58	0.512	18.14			
3646.7	56207	Mid-High	LTE Band 48	20	17.21	Open	Right	Cheek	QPSK	100	0	1:1.58	0.505	18.19			
3690.0	56640	High	LTE Band 48	20	17.23	Open	Right	Tilt	QPSK	1	0	1:1.58	0.358	19.71			
3690.0	56640	High	LTE Band 48	20	17.22	Open	Right	Tilt	QPSK	50	0	1:1.58	0.373	19.52			
3690.0	56640	High	LTE Band 48	20	17.23	Open	Left	Cheek	QPSK	1	0	1:1.58	0.373	19.53			
3690.0	56640	High	LTE Band 48	20	17.22	Open	Left	Cheek	QPSK	50	0	1:1.58	0.370	19.55			
3690.0	56640	High	LTE Band 48	20	17.23	Open	Left	Tilt	QPSK	1	0	1:1.58	0.266	21.00			
3690.0	56640	High	LTE Band 48	20	17.22	Open	Left	Tilt	QPSK	50	0	1:1.58	0.258	21.12			
2680.0	41490	High	LTE Band 41	20	24.54	Open	Right	Cheek	QPSK	1	50	1:1.58	0.074	33.86	32.75		
2680.0	41490	High	LTE Band 41	20	23.60	Open	Right	Cheek	QPSK	50	50	1:1.58	0.051	34.54			
2680.0	41490	High	LTE Band 41	20	24.54	Open	Right	Tilt	QPSK	1	50	1:1.58	0.042	36.32			
2680.0	41490	High	LTE Band 41	20	23.60	Open	Right	Tilt	QPSK	50	50	1:1.58	0.031	36.70			
2680.0	41490	High	LTE Band 41	20	24.54	Open	Left	Cheek	QPSK	1	50	1:1.58	0.080	33.52			
2680.0	41490	High	LTE Band 41	20	23.60	Open	Left	Cheek	QPSK	50	50	1:1.58	0.077	32.75			
2680.0	41490	High	LTE Band 41	20	24.54	Open	Left	Tilt	QPSK	1	50	1:1.58	0.044	36.12			
2680.0	41490	High	LTE Band 41	20	23.60	Open	Left	Tilt	QPSK	50	50	1:1.58	0.034	36.30			

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

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Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 3 of 38

Table A-4
DSI = 2 P_{Limit} Calculations – 5G Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Side	Test Position	Antenna Config	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
680.50	136100	Mid	NR Band n71	20	24.19	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.138	32.79	31.04
680.50	136100	Mid	NR Band n71	20	24.22	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.188	31.48	
680.50	136100	Mid	NR Band n71	20	24.19	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.071	35.68	
680.50	136100	Mid	NR Band n71	20	24.22	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.085	34.93	
680.50	136100	Mid	NR Band n71	20	24.19	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.190	31.40	
680.50	136100	Mid	NR Band n71	20	24.22	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.208	31.04	
680.50	136100	Mid	NR Band n71	20	24.19	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.106	33.94	
680.50	136100	Mid	NR Band n71	20	24.22	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.106	33.97	
680.50	136100	Mid	NR Band n71	20	23.21	Open	Left	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.126	32.21	
707.50	141500	Mid	NR Band n12	15	23.95	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.208	30.77	30.19
707.50	141500	Mid	NR Band n12	15	24.03	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	36	22	1:1	0.212	30.77	
707.50	141500	Mid	NR Band n12	15	23.95	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.104	33.78	
707.50	141500	Mid	NR Band n12	15	24.03	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	36	22	1:1	0.108	33.70	
707.50	141500	Mid	NR Band n12	15	23.95	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.234	30.26	
707.50	141500	Mid	NR Band n12	15	24.03	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	36	22	1:1	0.242	30.19	
707.50	141500	Mid	NR Band n12	15	23.95	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	1	1	1:1	0.102	33.86	
707.50	141500	Mid	NR Band n12	15	24.03	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	36	22	1:1	0.131	32.86	
707.50	141500	Mid	NR Band n12	15	23.12	Open	Left	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.177	30.64	
836.50	167300	Mid	NR Band n5	20	23.80	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	1	53	1:1	0.228	30.22	30.22
836.50	167300	Mid	NR Band n5	20	23.84	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.225	30.32	
836.50	167300	Mid	NR Band n5	20	23.80	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	1	53	1:1	0.120	33.01	
836.50	167300	Mid	NR Band n5	20	23.84	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.122	32.98	
836.50	167300	Mid	NR Band n5	20	23.80	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	1	53	1:1	0.205	30.68	
836.50	167300	Mid	NR Band n5	20	23.84	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.199	30.85	
836.50	167300	Mid	NR Band n5	20	23.80	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	1	53	1:1	0.120	33.01	
836.50	167300	Mid	NR Band n5	20	23.84	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	50	28	1:1	0.121	33.01	
836.50	167300	Mid	NR Band n5	20	22.62	Open	Right	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.129	31.51	

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

FCC ID: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 4 of 38

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

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Side	Test Position	Antenna Config	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.													[W/kg]	[dBm]	[dBm]
1745.00	349000	Mid	NR Band n66	40	23.90	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.108	33.57	33.02
1745.00	349000	Mid	NR Band n66	40	23.85	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.121	33.02	
1745.00	349000	Mid	NR Band n66	40	23.90	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.041	37.77	
1745.00	349000	Mid	NR Band n66	40	23.85	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.049	36.95	
1745.00	349000	Mid	NR Band n66	40	23.90	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.063	35.91	
1745.00	349000	Mid	NR Band n66	40	23.85	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.058	36.22	
1745.00	349000	Mid	NR Band n66	40	23.90	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.034	38.59	
1745.00	349000	Mid	NR Band n66	40	23.85	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.053	36.61	
1745.00	349000	Mid	NR Band n66	40	22.22	Open	Right	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.082	33.08	
1745.00	349000	Mid	NR Band n66	40	22.22	Open	Left	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.082	33.08	
1882.50	376500	Mid	NR Band n25	40	23.73	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.068	35.40	34.24
1882.50	376500	Mid	NR Band n25	40	23.50	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.067	35.24	
1882.50	376500	Mid	NR Band n25	40	23.73	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.036	38.17	
1882.50	376500	Mid	NR Band n25	40	23.50	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.042	37.27	
1882.50	376500	Mid	NR Band n25	40	23.73	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.073	35.10	
1882.50	376500	Mid	NR Band n25	40	23.50	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.079	34.52	
1882.50	376500	Mid	NR Band n25	40	23.73	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	1	214	1:1	0.035	38.29	
1882.50	376500	Mid	NR Band n25	40	23.50	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	108	54	1:1	0.035	38.06	
1882.50	376500	Mid	NR Band n25	40	22.16	Open	Left	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.062	34.24	
1882.50	376500	Mid	NR Band n25	40	22.16	Open	Right	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.062	34.24	
2310.00	462000	Mid	NR Band n30	10	22.73	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	1	26	1:1	0.038	36.93	34.34
2310.00	462000	Mid	NR Band n30	10	22.46	Open	Right	Cheek	Ant A	DFT-s-OFDM QPSK	25	14	1:1	0.039	36.55	
2310.00	462000	Mid	NR Band n30	10	22.73	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	1	26	1:1	0.020	39.72	
2310.00	462000	Mid	NR Band n30	10	22.46	Open	Right	Tilt	Ant A	DFT-s-OFDM QPSK	25	14	1:1	0.019	39.67	
2310.00	462000	Mid	NR Band n30	10	22.73	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	1	26	1:1	0.069	34.34	
2310.00	462000	Mid	NR Band n30	10	22.46	Open	Left	Cheek	Ant A	DFT-s-OFDM QPSK	25	14	1:1	0.058	34.83	
2310.00	462000	Mid	NR Band n30	10	22.73	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	1	26	1:1	0.012	41.94	
2310.00	462000	Mid	NR Band n30	10	22.46	Open	Left	Tilt	Ant A	DFT-s-OFDM QPSK	25	14	1:1	0.015	40.70	
2310.00	462000	Mid	NR Band n30	10	21.15	Open	Left	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.006	43.37	
2310.00	462000	Mid	NR Band n30	10	21.15	Open	Right	Cheek	Ant A	CP-OFDM QPSK	1	1	1:1	0.006	43.37	
2592.99	518598	Mid	NR Band n41	100	15.52	Open	Right	Cheek	Ant I	DFT-s-OFDM QPSK	1	1	1:1	0.287	20.94	15.78
2592.99	518598	Mid	NR Band n41	100	15.49	Open	Right	Cheek	Ant I	DFT-s-OFDM QPSK	135	0	1:1	0.265	21.26	
2592.99	518598	Mid	NR Band n41	100	15.52	Open	Right	Tilt	Ant I	DFT-s-OFDM QPSK	1	1	1:1	0.061	27.67	
2592.99	518598	Mid	NR Band n41	100	15.49	Open	Right	Tilt	Ant I	DFT-s-OFDM QPSK	135	0	1:1	0.056	28.01	
2592.99	518598	Mid	NR Band n41	100	15.52	Open	Left	Cheek	Ant I	DFT-s-OFDM QPSK	1	1	1:1	0.915	15.91	
2592.99	518598	Mid	NR Band n41	100	15.49	Open	Left	Cheek	Ant I	DFT-s-OFDM QPSK	135	0	1:1	0.842	16.24	
2592.99	518598	Mid	NR Band n41	100	15.48	Open	Left	Cheek	Ant I	DFT-s-OFDM QPSK	270	0	1:1	0.743	16.77	
2592.99	518598	Mid	NR Band n41	100	15.52	Open	Left	Tilt	Ant I	DFT-s-OFDM QPSK	1	1	1:1	0.178	23.02	
2592.99	518598	Mid	NR Band n41	100	15.49	Open	Left	Tilt	Ant I	DFT-s-OFDM QPSK	135	0	1:1	0.165	23.32	
2592.99	518598	Mid	NR Band n41	100	15.51	Open	Left	Cheek	Ant I	CP-OFDM QPSK	1	1	1:1	0.940	15.78	

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

FCC ID: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 5 of 38

Table A-6
DSI = 2 P_{Limit} Calculations – 5G Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1745.00	349000	Mid	NR Band n66	40	16.99	Ant I	Open	Right	Cheek	DFT-s-OFDM QPSK	1	1	1:1	0.376	21.24	17.92
1745.00	349000	Mid	NR Band n66	40	17.06	Ant I	Open	Right	Cheek	DFT-s-OFDM QPSK	108	0	1:1	0.359	21.51	
1745.00	349000	Mid	NR Band n66	40	16.99	Ant I	Open	Right	Tilt	DFT-s-OFDM QPSK	1	1	1:1	0.074	28.30	
1745.00	349000	Mid	NR Band n66	40	17.06	Ant I	Open	Right	Tilt	DFT-s-OFDM QPSK	108	0	1:1	0.073	28.43	
1745.00	349000	Mid	NR Band n66	40	16.99	Ant I	Open	Left	Cheek	DFT-s-OFDM QPSK	1	1	1:1	0.784	18.05	
1745.00	349000	Mid	NR Band n66	40	17.06	Ant I	Open	Left	Cheek	DFT-s-OFDM QPSK	108	0	1:1	0.773	18.18	
1745.00	349000	Mid	NR Band n66	40	16.98	Ant I	Open	Left	Cheek	DFT-s-OFDM QPSK	216	0	1:1	0.761	18.17	
1745.00	349000	Mid	NR Band n66	40	16.99	Ant I	Open	Left	Tilt	DFT-s-OFDM QPSK	1	1	1:1	0.157	25.03	
1745.00	349000	Mid	NR Band n66	40	17.06	Ant I	Open	Left	Tilt	DFT-s-OFDM QPSK	108	0	1:1	0.152	25.24	
1745.00	349000	Mid	NR Band n66	40	17.02	Ant I	Open	Left	Cheek	CP-OFDM QPSK	1	1	1:1	0.813	17.92	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	Right	Cheek	DFT-s-OFDM QPSK	1	214	1:1	0.255	24.93	19.19
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	Right	Cheek	DFT-s-OFDM QPSK	108	54	1:1	0.297	24.24	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	Right	Tilt	DFT-s-OFDM QPSK	1	214	1:1	0.075	30.25	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	Right	Tilt	DFT-s-OFDM QPSK	108	54	1:1	0.087	29.57	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	Left	Cheek	DFT-s-OFDM QPSK	1	214	1:1	0.765	20.16	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	Left	Cheek	DFT-s-OFDM QPSK	108	54	1:1	0.849	19.68	
1882.50	376500	Mid	NR Band n25	40	18.96	Ant I	Open	Left	Cheek	DFT-s-OFDM QPSK	216	0	1:1	0.853	19.65	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	Left	Tilt	DFT-s-OFDM QPSK	1	214	1:1	0.130	27.86	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	Left	Tilt	DFT-s-OFDM QPSK	108	54	1:1	0.143	27.42	
1882.50	376500	Mid	NR Band n25	40	18.82	Ant I	Open	Left	Cheek	CP-OFDM QPSK	1	1	1:1	0.918	19.19	

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

FCC ID: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 6 of 38

Table A-7
DSI = 2 P_{Limit} Calculations – 5G Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (fg)	P_{Limit}	Minimum P_{Limit}	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
3750.00	650000	Low	NR Band n77	100	15.23	F	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.631	17.23	17.23
3930.00	662000	High	NR Band n77	100	15.48	F	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.556	18.03	
3750.00	650000	Low	NR Band n77	100	15.30	F	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.633	17.29	
3930.00	662000	High	NR Band n77	100	15.36	F	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.567	17.82	
3930.00	662000	High	NR Band n77	100	15.21	F	Open	Right	Cheek	DFT-s-OFDM QPSK	270	0	1:1	0.600	17.43	
3930.00	662000	High	NR Band n77	100	15.48	F	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.326	20.35	
3930.00	662000	High	NR Band n77	100	15.36	F	Open	Right	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.324	20.25	
3930.00	662000	High	NR Band n77	100	15.48	F	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.202	22.43	
3930.00	662000	High	NR Band n77	100	15.36	F	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.205	22.24	
3930.00	662000	High	NR Band n77	100	15.48	F	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.197	22.54	
3930.00	662000	High	NR Band n77	100	15.36	F	Open	Left	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.201	22.33	
3930.00	662000	High	NR Band n77	100	15.09	F	Open	Right	Cheek	CP-OFDM QPSK	1	1	1:1	0.542	17.75	
3500.01	633334	Mid	NR Band n77 DOD	100	14.86	F	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.468	18.16	
3500.01	633334	Mid	NR Band n77 DOD	100	14.83	F	Open	Right	Cheek	DFT-s-OFDM QPSK	135	138	1:1	0.477	18.04	
3500.01	633334	Mid	NR Band n77 DOD	100	14.86	F	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.336	19.60	
3500.01	633334	Mid	NR Band n77 DOD	100	14.83	F	Open	Right	Tilt	DFT-s-OFDM QPSK	135	138	1:1	0.332	19.62	
3500.01	633334	Mid	NR Band n77 DOD	100	14.86	F	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.099	24.90	
3500.01	633334	Mid	NR Band n77 DOD	100	14.83	F	Open	Left	Cheek	DFT-s-OFDM QPSK	135	138	1:1	0.100	24.83	
3500.01	633334	Mid	NR Band n77 DOD	100	14.86	F	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.075	26.11	
3500.01	633334	Mid	NR Band n77 DOD	100	14.83	F	Open	Left	Tilt	DFT-s-OFDM QPSK	135	138	1:1	0.078	25.91	
3500.01	633334	Mid	NR Band n77 DOD	100	14.73	F	Open	Right	Cheek	CP-OFDM QPSK	1	1	1:1	0.491	17.82	
3750.00	650000	Low	NR Band n77	100	13.04	I	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.181	20.46	
3930.00	662000	High	NR Band n77	100	13.12	I	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.445	16.84	
3750.00	650000	Low	NR Band n77	100	13.02	I	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.178	20.52	
3930.00	662000	High	NR Band n77	100	13.11	I	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.401	17.08	
3930.00	662000	High	NR Band n77	100	13.12	I	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.017	30.82	
3930.00	662000	High	NR Band n77	100	13.11	I	Open	Right	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.018	30.56	
3930.00	662000	High	NR Band n77	100	13.12	I	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.271	18.79	
3930.00	662000	High	NR Band n77	100	13.11	I	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.272	18.76	
3930.00	662000	High	NR Band n77	100	13.12	I	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.022	29.70	
3930.00	662000	High	NR Band n77	100	13.11	I	Open	Left	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.025	29.13	
3930.00	662000	High	NR Band n77	100	13.15	I	Open	Right	Cheek	CP-OFDM QPSK	1	1	1:1	0.364	17.54	
3500.01	633334	Mid	NR Band n77 DoD	100	12.94	I	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.217	19.58	
3500.01	633334	Mid	NR Band n77 DoD	100	12.98	I	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.215	19.66	
3500.01	633334	Mid	NR Band n77 DoD	100	12.94	I	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.020	29.93	
3500.01	633334	Mid	NR Band n77 DoD	100	12.98	I	Open	Right	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.021	29.76	
3500.01	633334	Mid	NR Band n77 DoD	100	12.94	I	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.304	18.11	
3500.01	633334	Mid	NR Band n77 DoD	100	12.98	I	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.305	18.14	
3500.01	633334	Mid	NR Band n77 DoD	100	12.94	I	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.059	25.23	
3500.01	633334	Mid	NR Band n77 DoD	100	12.98	I	Open	Left	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.060	25.20	
3500.01	633334	Mid	NR Band n77 DoD	100	12.51	I	Open	Left	Cheek	CP-OFDM QPSK	1	1	1:1	0.325	17.39	

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

FCC ID: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 7 of 38

Table A-8
DSI = 2 P_{Limit} Calculations – 5G Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Side	Test Position	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
3750.00	650000	Low	NR Band n77	100	12.76	E	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.204	19.66	15.25
3930.00	662000	High	NR Band n77	100	13.43	E	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.498	16.46	
3750.00	650000	Low	NR Band n77	100	12.70	E	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.204	19.60	
3930.00	662000	High	NR Band n77	100	13.46	E	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.487	16.58	
3930.00	662000	High	NR Band n77	100	13.30	E	Open	Right	Cheek	DFT-s-OFDM QPSK	270	0	1:1	0.469	16.59	
3930.00	662000	High	NR Band n77	100	13.43	E	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.136	22.09	
3930.00	662000	High	NR Band n77	100	13.46	E	Open	Right	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.134	22.19	
3750.00	650000	Low	NR Band n77	100	12.76	E	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.483	15.92	
3930.00	662000	High	NR Band n77	100	13.43	E	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.607	15.60	
3750.00	650000	Low	NR Band n77	100	12.70	E	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.471	15.97	
3930.00	662000	High	NR Band n77	100	13.46	E	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.599	15.69	
3930.00	662000	High	NR Band n77	100	13.30	E	Open	Left	Cheek	DFT-s-OFDM QPSK	270	0	1:1	0.593	15.57	
3930.00	662000	High	NR Band n77	100	13.43	E	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.082	24.29	
3930.00	662000	High	NR Band n77	100	13.46	E	Open	Left	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.080	24.43	
3930.00	662000	High	NR Band n77	100	13.15	E	Open	Left	Cheek	CP-OFDM QPSK	1	1	1:1	0.616	15.25	
3500.01	633334	Mid	NR Band n77 DoD	100	12.46	E	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.290	17.94	17.04
3500.01	633334	Mid	NR Band n77 DoD	100	12.44	E	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.282	17.94	
3500.01	633334	Mid	NR Band n77 DoD	100	12.46	E	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.042	26.23	
3500.01	633334	Mid	NR Band n77 DoD	100	12.44	E	Open	Right	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.040	26.42	
3500.01	633334	Mid	NR Band n77 DoD	100	12.46	E	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.348	17.04	
3500.01	633334	Mid	NR Band n77 DoD	100	12.44	E	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.346	17.05	
3500.01	633334	Mid	NR Band n77 DoD	100	12.46	E	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.031	27.55	
3500.01	633334	Mid	NR Band n77 DoD	100	12.44	E	Open	Left	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.031	27.53	
3500.01	633334	Mid	NR Band n77 DoD	100	12.31	E	Open	Left	Cheek	CP-OFDM QPSK	1	1	1:1	0.328	17.15	
3930.00	662000	High	NR Band n77	100	9.75	Ant C	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.018	27.20	
3930.00	662000	High	NR Band n77	100	9.65	Ant C	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.020	26.64	
3930.00	662000	High	NR Band n77	100	9.75	Ant C	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.036	24.19	
3930.00	662000	High	NR Band n77	100	9.65	Ant C	Open	Right	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.037	23.97	
3930.00	662000	High	NR Band n77	100	9.75	Ant C	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.050	22.76	
3930.00	662000	High	NR Band n77	100	9.65	Ant C	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.048	22.84	
3930.00	662000	High	NR Band n77	100	9.75	Ant C	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.015	27.99	
3930.00	662000	High	NR Band n77	100	9.65	Ant C	Open	Left	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.017	27.35	
3930.00	662000	High	NR Band n77	100	9.52	Ant C	Open	Left	Cheek	CP-OFDM QPSK	1	1	1:1	0.057	21.96	
3500.01	633334	Mid	NR Band n77 DoD	100	9.23	Ant C	Open	Right	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.023	25.61	21.23
3500.01	633334	Mid	NR Band n77 DoD	100	9.22	Ant C	Open	Right	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.021	26.00	
3500.01	633334	Mid	NR Band n77 DoD	100	9.23	Ant C	Open	Right	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.029	24.61	
3500.01	633334	Mid	NR Band n77 DoD	100	9.22	Ant C	Open	Right	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.029	24.60	
3500.01	633334	Mid	NR Band n77 DoD	100	9.23	Ant C	Open	Left	Cheek	DFT-s-OFDM QPSK	1	137	1:1	0.040	23.21	
3500.01	633334	Mid	NR Band n77 DoD	100	9.22	Ant C	Open	Left	Cheek	DFT-s-OFDM QPSK	135	69	1:1	0.045	22.69	
3500.01	633334	Mid	NR Band n77 DoD	100	9.23	Ant C	Open	Left	Tilt	DFT-s-OFDM QPSK	1	137	1:1	0.015	27.47	
3500.01	633334	Mid	NR Band n77 DoD	100	9.22	Ant C	Open	Left	Tilt	DFT-s-OFDM QPSK	135	69	1:1	0.014	27.76	
3500.01	633334	Mid	NR Band n77 DoD	100	8.94	Ant C	Open	Left	Cheek	CP-OFDM QPSK	1	1	1:1	0.059	21.23	

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

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-9
DSI = 0 P_{Limit} Calculations – 2G/3G Body-Worn SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.								(W/kg)	[dBm]	[dBm]
848.31	777	CDMA BC0 (§22H)	TDSO / SO32	24.10	Open	15	Back	1:1	0.190	31.31	28.33
848.31	777	CDMA BC0 (§22H)	TDSO / SO32	24.10	Closed	15	Back	1:1	0.378	28.33	
1851.25	25	PCS CDMA	TDSO / SO32	23.29	Open	15	Back	1:1	0.805	24.23	23.93
1880.00	600	PCS CDMA	TDSO / SO32	23.25	Open	15	Back	1:1	0.855	23.93	
1908.75	1175	PCS CDMA	TDSO / SO32	23.08	Open	15	Back	1:1	0.795	24.08	
1851.25	25	PCS CDMA	TDSO / SO32	23.29	Closed	15	Back	1:1	0.230	29.67	
824.20	128	GSM 850	GSM	32.00	Open	15	Back	1:8.3	0.108	32.46	28.45
824.20	128	GSM 850	GSM	32.00	Closed	15	Back	1:8.3	0.272	28.45	
1850.20	512	GSM 1900	GSM	29.25	Open	15	Back	1:8.3	0.279	25.59	25.59
1850.20	512	GSM 1900	GSM	29.25	Closed	15	Back	1:8.3	0.110	29.63	
836.60	4183	UMTS 850	RMC	24.49	Open	15	Back	1:1	0.191	31.68	28.81
836.60	4183	UMTS 850	RMC	24.49	Closed	15	Back	1:1	0.370	28.81	
1732.40	1412	UMTS 1750	RMC	23.70	Open	15	Back	1:1	0.522	26.52	26.52
1732.40	1412	UMTS 1750	RMC	23.70	Closed	15	Back	1:1	0.164	31.55	
1880.00	9400	UMTS 1900	RMC	23.82	Open	15	Back	1:1	0.443	27.36	27.36
1880.00	9400	UMTS 1900	RMC	23.82	Closed	15	Back	1:1	0.223	30.34	

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

FCC ID: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-10
DSI = 0 P_{Limit} Calculations – 4G Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.												(W/kg)	[dBm]	[dBm]
680.50	133297	Mid	LTE Band 71	20	24.11	Open	QPSK	1	50	15	Back	1:1	0.267	29.84	29.84
680.50	133297	Mid	LTE Band 71	20	23.26	Open	QPSK	50	25	15	Back	1:1	0.210	30.04	
680.50	133297	Mid	LTE Band 71	20	24.11	Closed	QPSK	1	50	15	Back	1:1	0.238	30.34	
680.50	133297	Mid	LTE Band 71	20	23.26	Closed	QPSK	50	25	15	Back	1:1	0.188	30.52	
707.50	23095	Mid	LTE Band 12	10	24.25	Open	QPSK	1	25	15	Back	1:1	0.204	31.15	30.38
707.50	23095	Mid	LTE Band 12	10	23.40	Open	QPSK	25	12	15	Back	1:1	0.173	31.02	
707.50	23095	Mid	LTE Band 12	10	24.25	Closed	QPSK	1	50	15	Back	1:1	0.244	30.38	
707.50	23095	Mid	LTE Band 12	10	23.40	Closed	QPSK	50	25	15	Back	1:1	0.198	30.43	
782.00	23230	Mid	LTE Band 13	10	24.27	Open	QPSK	1	49	15	Back	1:1	0.169	31.99	31.09
782.00	23230	Mid	LTE Band 13	10	23.33	Open	QPSK	25	0	15	Back	1:1	0.150	31.57	
782.00	23230	Mid	LTE Band 13	10	24.27	Closed	QPSK	1	49	15	Back	1:1	0.208	31.09	
782.00	23230	Mid	LTE Band 13	10	23.33	Closed	QPSK	25	0	15	Back	1:1	0.151	31.54	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	15	Back	1:1	0.210	30.98	30.51
793.00	23330	Mid	LTE Band 14	10	23.34	Open	QPSK	25	12	15	Back	1:1	0.174	30.93	
793.00	23330	Mid	LTE Band 14	10	24.20	Closed	QPSK	1	0	15	Back	1:1	0.210	30.98	
793.00	23330	Mid	LTE Band 14	10	23.34	Closed	QPSK	25	12	15	Back	1:1	0.192	30.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.00	Open	QPSK	1	74	15	Back	1:1	0.184	31.35	28.80
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.05	Open	QPSK	36	37	15	Back	1:1	0.149	31.32	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.00	Closed	QPSK	1	74	15	Back	1:1	0.331	28.80	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.05	Closed	QPSK	36	37	15	Back	1:1	0.236	29.32	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.67	Open	QPSK	1	49	15	Back	1:1	0.188	30.93	28.71
836.50	20525	Mid	LTE Band 5 (Cell)	10	22.62	Open	QPSK	25	25	15	Back	1:1	0.150	30.86	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.67	Closed	QPSK	1	49	15	Back	1:1	0.304	28.84	
836.50	20525	Mid	LTE Band 5 (Cell)	10	22.62	Closed	QPSK	25	25	15	Back	1:1	0.246	28.71	
1720.00	132072	Low	LTE Band 66 (AWS)	20	23.71	Open	QPSK	1	99	15	Back	1:1	0.487	26.83	25.24
1745.00	132322	Mid	LTE Band 66 (AWS)	20	23.73	Open	QPSK	1	50	15	Back	1:1	0.706	25.24	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	15	Back	1:1	0.572	26.34	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	15	Back	1:1	0.472	26.30	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.02	Open	QPSK	100	0	15	Back	1:1	0.513	25.92	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Closed	QPSK	1	99	15	Back	1:1	0.171	31.58	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Closed	QPSK	50	25	15	Back	1:1	0.165	30.87	
1860.00	26140	Low	LTE Band 25 (PCS)	20	24.14	Open	QPSK	1	99	15	Back	1:1	0.796	25.13	24.92
1882.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	15	Back	1:1	0.828	25.19	
1905.00	26590	High	LTE Band 25 (PCS)	20	24.03	Open	QPSK	1	0	15	Back	1:1	0.815	24.92	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	15	Back	1:1	0.658	25.22	
1860.00	26140	Low	LTE Band 25 (PCS)	20	23.25	Open	QPSK	100	0	15	Back	1:1	0.657	25.07	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Closed	QPSK	1	0	15	Back	1:1	0.440	27.94	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Closed	QPSK	50	25	15	Back	1:1	0.350	27.96	

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

FCC ID: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-11
DSI = 0 P_{Limit} Calculations – 4G Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.	Mid											(W/kg)	[dBm]	[dBm]
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	15	Back	1:1	0.412	27.25	27.25
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	0	15	Back	1:1	0.324	27.34	
2310.00	27710	Mid	LTE Band 30	10	23.40	Closed	QPSK	1	0	15	Back	1:1	0.293	28.73	
2310.00	27710	Mid	LTE Band 30	10	22.45	Closed	QPSK	25	0	15	Back	1:1	0.241	28.63	
2535.00	21100	Mid	LTE Band 7	20	24.02	Open	QPSK	1	0	15	Back	1:1	0.455	27.44	27.40
2535.00	21100	Mid	LTE Band 7	20	23.08	Open	QPSK	50	25	15	Back	1:1	0.370	27.40	
2535.00	21100	Mid	LTE Band 7	20	24.02	Closed	QPSK	1	0	15	Back	1:1	0.353	28.54	
2535.00	21100	Mid	LTE Band 7	20	23.08	Closed	QPSK	50	25	15	Back	1:1	0.282	28.58	
3646.70	56207	Mid-High	LTE Band 48	20	22.30	Open	QPSK	1	50	15	Back	1:1.58	0.154	28.44	27.85
3646.70	56207	Mid-High	LTE Band 48	20	22.04	Open	QPSK	50	50	15	Back	1:1.58	0.166	27.85	
3646.70	56207	Mid-High	LTE Band 48	20	22.30	Closed	QPSK	1	50	15	Back	1:1.58	0.025	36.33	
3646.70	56207	Mid-High	LTE Band 48	20	22.27	Closed	QPSK	50	25	15	Back	1:1.58	0.027	35.97	
2680.00	41490	High	LTE Band 41	20	24.54	Open	QPSK	1	50	15	Back	1:1.58	0.284	28.02	28.02
2680.00	41490	High	LTE Band 41	20	23.60	Open	QPSK	50	50	15	Back	1:1.58	0.224	28.11	
2680.00	41490	High	LTE Band 41	20	24.54	Closed	QPSK	1	50	15	Back	1:1.58	0.188	29.81	
2680.00	41490	High	LTE Band 41	20	23.60	Closed	QPSK	50	50	15	Back	1:1.58	0.150	29.85	

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

FCC ID: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
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Table A-12
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																						
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (m)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit						
MHz	Ch.	(W/kg)												[dBm]	[dBm]							
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.255	30.12	29.84						
680.50	136100	Mid	NR Band n71	20	24.22	Ant A	Open	DFT-s-OFDM QPSK	50	28	15	Back	1:1	0.274	29.84		29.84					
680.50	136100	Mid	NR Band n71	20	23.21	Ant A	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.178	30.71			29.84				
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Closed	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.224	30.69				29.84			
680.50	136100	Mid	NR Band n71	20	24.22	Ant A	Closed	DFT-s-OFDM QPSK	50	28	15	Back	1:1	0.181	31.64					29.84		
680.50	136100	Mid	NR Band n71	20	23.21	Ant A	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.136	31.87						29.84	
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.303	29.14	29.14						
707.50	141500	Mid	NR Band n12	15	24.03	Ant A	Open	DFT-s-OFDM QPSK	36	22	15	Back	1:1	0.295	29.33		29.14					
707.50	141500	Mid	NR Band n12	15	23.12	Ant A	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.221	29.68			29.14				
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Closed	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.143	32.40				29.14			
707.50	141500	Mid	NR Band n12	15	24.03	Ant A	Closed	DFT-s-OFDM QPSK	36	22	15	Back	1:1	0.166	31.83					29.14		
707.50	141500	Mid	NR Band n12	15	23.12	Ant A	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.097	33.25						29.14	
836.50	167300	Mid	NR Band n5	20	23.80	Ant A	Open	DFT-s-OFDM QPSK	1	53	15	Back	1:1	0.190	31.01	28.33						
836.50	167300	Mid	NR Band n5	20	23.84	Ant A	Open	DFT-s-OFDM QPSK	50	28	15	Back	1:1	0.187	31.12		28.33					
836.50	167300	Mid	NR Band n5	20	22.62	Ant A	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.115	32.01			28.33				
836.50	167300	Mid	NR Band n5	20	23.80	Ant A	Closed	DFT-s-OFDM QPSK	1	53	15	Back	1:1	0.350	28.36				28.33			
836.50	167300	Mid	NR Band n5	20	23.84	Ant A	Closed	DFT-s-OFDM QPSK	50	28	15	Back	1:1	0.356	28.33					28.33		
836.50	167300	Mid	NR Band n5	20	22.62	Ant A	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.233	28.95						28.33	
1745.00	349000	Mid	NR Band n66	40	23.90	Ant A	Open	DFT-s-OFDM QPSK	1	214	15	Back	1:1	0.620	25.98	25.14						
1745.00	349000	Mid	NR Band n66	40	23.85	Ant A	Open	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.743	25.14		25.14					
1745.00	349000	Mid	NR Band n66	40	22.82	Ant A	Open	DFT-s-OFDM QPSK	216	0	15	Back	1:1	0.545	25.46			25.14				
1745.00	349000	Mid	NR Band n66	40	22.22	Ant A	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.375	26.48				25.14			
1745.00	349000	Mid	NR Band n66	40	23.90	Ant A	Closed	DFT-s-OFDM QPSK	1	214	15	Back	1:1	0.244	30.03					25.14		
1745.00	349000	Mid	NR Band n66	40	23.85	Ant A	Closed	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.262	29.67						25.14	
1745.00	349000	Mid	NR Band n66	40	22.82	Ant A	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.220	29.40							25.14
1882.50	376500	Mid	NR Band n25	40	23.73	Ant A	Open	DFT-s-OFDM QPSK	1	214	15	Back	1:1	0.605	25.91							
1882.50	376500	Mid	NR Band n25	40	23.27	Ant A	Open	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.561	25.78	25.43						
1882.50	376500	Mid	NR Band n25	40	22.16	Ant A	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.471	25.43		25.43					
1882.50	376500	Mid	NR Band n25	40	23.73	Ant A	Closed	DFT-s-OFDM QPSK	1	214	15	Back	1:1	0.348	28.31			25.43				
1882.50	376500	Mid	NR Band n25	40	23.50	Ant A	Closed	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.327	28.35				25.43			
1882.50	376500	Mid	NR Band n25	40	22.16	Ant A	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.217	28.80					25.43		
2310.00	462000	Mid	NR Band n30	10	22.73	Ant A	Open	DFT-s-OFDM QPSK	1	26	15	Back	1:1	0.484	25.88						25.88	
2310.00	462000	Mid	NR Band n30	10	22.46	Ant A	Open	DFT-s-OFDM QPSK	25	14	15	Back	1:1	0.440	26.03	25.88						
2310.00	462000	Mid	NR Band n30	10	21.15	Ant A	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.315	26.17		25.88					
2310.00	462000	Mid	NR Band n30	10	22.73	Ant A	Closed	DFT-s-OFDM QPSK	1	26	15	Back	1:1	0.302	27.93			25.88				
2310.00	462000	Mid	NR Band n30	10	22.46	Ant A	Closed	DFT-s-OFDM QPSK	25	14	15	Back	1:1	0.297	27.73				25.88			
2310.00	462000	Mid	NR Band n30	10	21.15	Ant A	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.185	28.48					25.88		
2592.99	518598	Mid	NR Band n41	100	21.55	Ant I	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.144	29.97						28.33	
2592.99	518598	Mid	NR Band n41	100	21.61	Ant I	Open	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.165	29.44	28.33						
2592.99	518598	Mid	NR Band n41	100	21.05	Ant I	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.187	28.33		28.33					
2592.99	518598	Mid	NR Band n41	100	21.55	Ant I	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.063	33.56			28.33				
2592.99	518598	Mid	NR Band n41	100	21.61	Ant I	Closed	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.067	33.35				28.33			
2592.99	518598	Mid	NR Band n41	100	21.05	Ant I	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.070	32.60					28.33		

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

FCC ID: A3LSMF711U	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset	APPENDIX A: Page 12 of 38

Table A-13
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (m)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1745.00	349000	Mid	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.166	29.43	29.24
1745.00	349000	Mid	NR Band n66	40	21.66	Ant I	Open	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.174	29.25	
1745.00	349000	Mid	NR Band n66	40	21.62	Ant I	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.173	29.24	
1745.00	349000	Mid	NR Band n66	40	21.63	Ant I	Closed	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.040	35.61	
1745.00	349000	Mid	NR Band n66	40	21.66	Ant I	Closed	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.044	35.23	
1745.00	349000	Mid	NR Band n66	40	21.62	Ant I	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.030	36.85	
1882.50	376500	Mid	NR Band n25	40	24.49	Ant I	Open	DFT-s-OFDM QPSK	1	214	15	Back	1:1	0.244	30.62	29.87
1882.50	376500	Mid	NR Band n25	40	24.35	Ant I	Open	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.258	30.23	
1882.50	376500	Mid	NR Band n25	40	22.99	Ant I	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.205	29.87	
1882.50	376500	Mid	NR Band n25	40	24.49	Ant I	Closed	DFT-s-OFDM QPSK	1	214	15	Back	1:1	0.043	38.16	
1882.50	376500	Mid	NR Band n25	40	24.35	Ant I	Closed	DFT-s-OFDM QPSK	108	54	15	Back	1:1	0.048	37.54	
1882.50	376500	Mid	NR Band n25	40	22.99	Ant I	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.037	37.31	

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

FCC ID: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 13 of 38

Table A-14
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																				
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (fg)	P Limit	Minimum P Limit					
MHz	Ch.												(W/kg)	[dBm]	[dBm]					
3930.00	662000	High	NR Band n77	100	19.28	Ant F	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.225	25.76	25.33				
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.229	25.59		25.33			
3930.00	662000	High	NR Band n77	100	19.17	Ant F	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.242	25.33			25.33		
3930.00	662000	High	NR Band n77	100	19.28	Ant F	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.030	34.51				25.33	
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Closed	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.027	34.88					25.33
3930.00	662000	High	NR Band n77	100	19.17	Ant F	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.023	35.55					
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.159	26.76	26.28				
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	15	Back	1:1	0.158	26.68		26.28			
3500.01	633334	Mid	NR Band n77 DoD	100	18.66	Ant F	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.173	26.28			26.28		
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.014	37.31				26.28	
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Closed	DFT-s-OFDM QPSK	135	69	15	Back	1:1	0.015	36.91					26.28
3500.01	633334	Mid	NR Band n77 DoD	100	18.66	Ant F	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.014	37.20					
3750.00	650000	Low	NR Band n77	100	16.76	Ant I	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.045	30.23	30.23				
3750.00	650000	Low	NR Band n77	100	16.77	Ant I	Open	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.042	30.54		30.23			
3750.00	650000	Low	NR Band n77	100	16.74	Ant I	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.040	30.72			30.23		
3750.00	650000	Low	NR Band n77	100	16.76	Ant I	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.005	39.77				30.23	
3750.00	650000	Low	NR Band n77	100	16.77	Ant I	Closed	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.004	40.75					30.23
3750.00	650000	Low	NR Band n77	100	16.74	Ant I	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.005	39.75					
3500.01	633334	Mid	NR Band n77 DoD	100	16.58	Ant I	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.045	30.05	29.23				
3500.01	633334	Mid	NR Band n77 DoD	100	16.58	Ant I	Open	DFT-s-OFDM QPSK	135	69	15	Back	1:1	0.045	30.05		29.23			
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.052	29.23			29.23		
3500.01	633334	Mid	NR Band n77 DoD	100	16.58	Ant I	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.011	36.17				29.23	
3500.01	633334	Mid	NR Band n77 DoD	100	16.58	Ant I	Closed	DFT-s-OFDM QPSK	135	69	15	Back	1:1	0.011	36.17					29.23
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.017	34.09					
3930.00	662000	High	NR Band n77	100	17.04	Ant E	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.106	26.79	26.60				
3930.00	662000	High	NR Band n77	100	16.93	Ant E	Open	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.107	26.64		26.60			
3930.00	662000	High	NR Band n77	100	16.89	Ant E	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.107	26.60			26.60		
3930.00	662000	High	NR Band n77	100	17.04	Ant E	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.018	34.49				26.60	
3930.00	662000	High	NR Band n77	100	16.93	Ant E	Closed	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.024	33.13					26.60
3930.00	662000	High	NR Band n77	100	16.89	Ant E	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.023	33.27					
3500.01	633334	Mid	NR Band n77 DoD	100	16.02	Ant E	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.036	30.46	29.73				
3500.01	633334	Mid	NR Band n77 DoD	100	16.04	Ant E	Open	DFT-s-OFDM QPSK	135	69	15	Back	1:1	0.036	30.48		29.73			
3500.01	633334	Mid	NR Band n77 DoD	100	15.96	Ant E	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.038	30.16			29.73		
3500.01	633334	Mid	NR Band n77 DoD	100	16.02	Ant E	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.042	29.79				29.73	
3500.01	633334	Mid	NR Band n77 DoD	100	16.04	Ant E	Closed	DFT-s-OFDM QPSK	135	69	15	Back	1:1	0.042	29.81					29.73
3500.01	633334	Mid	NR Band n77 DoD	100	15.96	Ant E	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.042	29.73					
3930.00	662000	High	NR Band n77	100	13.01	Ant C	Open	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.031	28.10	24.87				
3930.00	662000	High	NR Band n77	100	13.00	Ant C	Open	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.035	27.56		24.87			
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.035	27.42			24.87		
3930.00	662000	High	NR Band n77	100	13.01	Ant C	Closed	DFT-s-OFDM QPSK	1	137	15	Back	1:1	0.040	26.99				24.87	
3930.00	662000	High	NR Band n77	100	13.00	Ant C	Closed	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.065	24.87					24.87
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.056	25.38					
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.041	26.90	24.90				
3500.01	633334	Mid	NR Band n77 DoD	100	12.87	Ant C	Open	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.038	27.07		24.90			
3500.01	633334	Mid	NR Band n77 DoD	100	12.96	Ant C	Open	CP-OFDM QPSK	1	1	15	Back	1:1	0.039	27.05			24.90		
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Closed	DFT-s-OFDM QPSK	1	1	15	Back	1:1	0.065	24.90				24.90	
3500.01	633334	Mid	NR Band n77 DoD	100	12.87	Ant C	Closed	DFT-s-OFDM QPSK	135	0	15	Back	1:1	0.055	25.47					24.90
3500.01	633334	Mid	NR Band n77 DoD	100	12.96	Ant C	Closed	CP-OFDM QPSK	1	1	15	Back	1:1	0.041	26.83					

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

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 14 of 38

Table A-15
DSI = 3 P_{Limit} Calculations – 2G/3G Hotspot SAR

MEASUREMENT RESULTS												
FREQUENCY		Mod./Mod.	Service	Coordinated Power (dBm)	Configuration	Spacing (mm)	Size	# of GPS Sites	Dist. (cm)	SAR (W/kg)	P _{limit} (dBm)	Minimum P _{limit} (dBm)
Mhz	Ch.											
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Open	10	Back	N/A	1.1	0.34	27.52	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Open	10	Front	N/A	1.1	0.24	29.71	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Open	10	Bottom	N/A	1.1	0.30	33.01	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Open	10	Right	N/A	1.1	0.26	29.83	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Open	10	Left	N/A	1.1	0.30	33.37	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Closed	5	Back	N/A	1.1	0.85	24.78	23.68
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Closed	5	Front	N/A	1.1	0.87	23.68	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Closed	5	Bottom	N/A	1.1	0.75	24.38	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Closed	5	Right	N/A	1.1	0.81	31.52	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Closed	5	Left	N/A	1.1	0.83	29.96	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Closed	5	Right	N/A	1.1	0.84	33.77	
824.70	1013	CDMA BC0 (229)	EVDO Rev 0	23.01	Closed	5	Left	N/A	1.1	0.81	32.18	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Open	10	Back	N/A	1.1	0.48	22.10	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Open	10	Front	N/A	1.1	0.24	24.45	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Open	10	Bottom	N/A	1.1	0.25	21.28	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Open	10	Right	N/A	1.1	0.25	33.52	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Open	10	Left	N/A	1.1	0.25	32.45	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Closed	5	Back	N/A	1.1	0.475	21.57	18.85
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Closed	5	Front	N/A	1.1	0.18	27.02	
1881.25	25	PCS CDMA	EVDO Rev 0	18.29	Closed	5	Bottom	N/A	1.1	0.275	18.85	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Closed	5	Bottom	N/A	1.1	0.265	18.85	
1928.75	1178	PCS CDMA	EVDO Rev 0	18.15	Closed	5	Bottom	N/A	1.1	0.765	19.25	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Closed	5	Right	N/A	1.1	0.225	33.67	
1880.00	400	PCS CDMA	EVDO Rev 0	18.29	Closed	5	Left	N/A	1.1	0.265	28.25	
826.60	190	GSM850	GPRS	24.24	Open	10	Back	4	1.2.076	0.947	26.28	
826.60	190	GSM850	GPRS	24.24	Open	10	Front	4	1.2.076	0.931	31.62	
826.60	190	GSM850	GPRS	24.24	Open	10	Bottom	4	1.2.076	0.933	30.93	
826.60	190	GSM850	GPRS	24.24	Open	10	Right	4	1.2.076	0.936	31.10	
826.60	190	GSM850	GPRS	24.24	Open	10	Left	4	1.2.076	0.931	33.21	
826.60	190	GSM850	GPRS	24.24	Closed	5	Back	4	1.2.076	0.965	26.44	25.44
826.60	190	GSM850	GPRS	24.24	Closed	5	Front	4	1.2.076	0.944	31.33	
826.60	190	GSM850	GPRS	24.24	Closed	5	Bottom	4	1.2.076	0.939	31.28	
826.60	190	GSM850	GPRS	24.24	Closed	5	Right	4	1.2.076	0.972	32.49	
826.60	190	GSM850	GPRS	24.24	Closed	5	Left	4	1.2.076	0.963	31.92	
1920.80	810	GSM1900	GPRS	22.34	Open	10	Back	4	1.2.076	0.467	23.68	
1920.80	810	GSM1900	GPRS	22.34	Open	10	Front	4	1.2.076	0.765	24.32	
1920.20	512	GSM1900	GPRS	22.31	Open	10	Bottom	4	1.2.076	0.875	21.08	
1880.00	400	GSM1900	GPRS	22.34	Open	10	Bottom	4	1.2.076	0.868	21.76	
1920.80	810	GSM1900	GPRS	22.34	Open	10	Bottom	4	1.2.076	0.798	26.38	
1920.80	810	GSM1900	GPRS	22.34	Open	10	Right	4	1.2.076	0.836	33.62	
1920.80	810	GSM1900	GPRS	22.34	Open	10	Left	4	1.2.076	0.827	34.85	
1920.80	810	GSM1900	GPRS	22.34	Closed	5	Back	4	1.2.076	0.819	21.24	19.28
1920.80	810	GSM1900	GPRS	22.34	Closed	5	Front	4	1.2.076	0.821	28.33	
1880.20	512	GSM1900	GPRS	22.31	Closed	5	Bottom	4	1.2.076	0.875	19.71	
1880.00	400	GSM1900	GPRS	22.30	Closed	5	Bottom	4	1.2.076	0.869	19.28	
1920.80	810	GSM1900	GPRS	22.34	Closed	5	Bottom	4	1.2.076	0.908	19.58	
1920.80	810	GSM1900	GPRS	22.34	Closed	5	Right	4	1.2.076	0.832	34.11	
1920.80	810	GSM1900	GPRS	22.34	Closed	5	Left	4	1.2.076	0.872	30.59	
826.40	4132	UMTS 850	HRAC	23.00	Open	10	Back	N/A	1.1	0.21	28.67	
826.40	4132	UMTS 850	HRAC	23.00	Open	10	Front	N/A	1.1	0.265	29.88	
826.40	4132	UMTS 850	HRAC	23.00	Open	10	Bottom	N/A	1.1	0.281	33.41	
826.40	4132	UMTS 850	HRAC	23.00	Open	10	Right	N/A	1.1	0.213	28.72	
826.40	4132	UMTS 850	HRAC	23.00	Open	10	Left	N/A	1.1	0.278	34.08	
826.40	4132	UMTS 850	HRAC	23.00	Closed	5	Back	N/A	1.1	0.858	23.93	23.80
826.40	4132	UMTS 850	HRAC	23.00	Closed	5	Front	N/A	1.1	0.872	23.93	
826.40	4132	UMTS 850	HRAC	23.00	Closed	5	Bottom	N/A	1.1	0.798	24.13	
826.40	4132	UMTS 850	HRAC	23.00	Closed	5	Right	N/A	1.1	0.795	30.01	
826.40	4132	UMTS 850	HRAC	23.00	Closed	5	Left	N/A	1.1	0.765	30.83	
826.40	4132	UMTS 850	HRAC	23.00	Closed	5	Right	N/A	1.1	0.762	32.91	
826.40	4132	UMTS 850	HRAC	23.00	Closed	5	Left	N/A	1.1	0.735	31.70	
1732.40	1412	UMTS 1750	HRAC	18.45	Open	10	Back	N/A	1.1	0.460	21.69	
1732.40	1412	UMTS 1750	HRAC	18.45	Open	10	Front	N/A	1.1	0.281	22.87	
1732.40	1412	UMTS 1750	HRAC	18.45	Open	10	Bottom	N/A	1.1	0.265	20.67	
1732.40	1412	UMTS 1750	HRAC	18.45	Open	10	Right	N/A	1.1	0.282	31.21	
1732.40	1412	UMTS 1750	HRAC	18.45	Open	10	Left	N/A	1.1	0.282	28.25	
1732.40	1412	UMTS 1750	HRAC	18.45	Closed	5	Back	N/A	1.1	0.871	26.45	18.38
1732.40	1412	UMTS 1750	HRAC	18.45	Closed	5	Front	N/A	1.1	0.791	25.64	
1732.40	1312	UMTS 1750	HRAC	18.45	Closed	5	Bottom	N/A	1.1	0.750	18.36	
1732.40	1412	UMTS 1750	HRAC	18.45	Closed	5	Bottom	N/A	1.1	0.906	18.88	
1732.40	1513	UMTS 1750	HRAC	18.38	Closed	5	Bottom	N/A	1.1	0.884	18.87	
1732.40	1412	UMTS 1750	HRAC	18.45	Closed	5	Right	N/A	1.1	0.841	32.52	
1732.40	1412	UMTS 1750	HRAC	18.45	Closed	5	Left	N/A	1.1	0.750	27.34	
1882.40	9262	UMTS 1900	HRAC	18.01	Open	10	Back	N/A	1.1	0.480	21.31	
1882.40	9262	UMTS 1900	HRAC	18.01	Open	10	Front	N/A	1.1	0.347	22.61	
1882.40	9262	UMTS 1900	HRAC	18.01	Open	10	Bottom	N/A	1.1	0.384	20.20	
1880.00	9400	UMTS 1900	HRAC	17.98	Open	10	Bottom	N/A	1.1	0.792	18.48	
1907.60	9538	UMTS 1900	HRAC	18.00	Open	10	Bottom	N/A	1.1	0.888	19.71	
1882.40	9262	UMTS 1900	HRAC	18.01	Open	10	Right	N/A	1.1	0.295	32.45	
1882.40	9262	UMTS 1900	HRAC	18.01	Open	10	Left	N/A	1.1	0.282	30.23	
1882.40	9262	UMTS 1900	HRAC	18.01	Closed	5	Back	N/A	1.1	0.871	20.84	18.98
1882.40	9262	UMTS 1900	HRAC	18.01	Closed	5	Front	N/A	1.1	0.750	28.01	
1882.40	9262	UMTS 1900	HRAC	18.01	Closed	5	Bottom	N/A	1.1	0.851	19.87	
1880.00	9400	UMTS 1900	HRAC	17.98	Closed	5	Bottom	N/A	1.1	0.798	19.21	
1907.60	9538	UMTS 1900	HRAC	18.00	Closed	5	Bottom	N/A	1.1	0.798	18.98	
1882.40	9262	UMTS 1900	HRAC	18.01	Closed	5	Right	N/A	1.1	0.850	32.10	
1882.40	9262	UMTS 1900	HRAC	18.01	Closed	5	Left	N/A	1.1	0.877	28.15	

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

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Table A-17
DSI = 3 P_{Limit} Calculations – 4G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit		
Mhz	Ch.											(W/kg)	[dBm]	[dBm]		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Open	QPSK	1	99	10	Back	1:1	0.386	22.56	18.56	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Open	QPSK	50	25	10	Back	1:1	0.389	22.67		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Open	QPSK	1	99	10	Front	1:1	0.291	23.79		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Open	QPSK	50	25	10	Front	1:1	0.297	23.84		
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.20	Open	QPSK	1	50	10	Bottom	1:1	0.424	21.93		
1745.00	132322	Mid	LTE Band 66 (AWS)	20	18.29	Open	QPSK	1	50	10	Bottom	1:1	0.676	19.99		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Open	QPSK	1	99	10	Bottom	1:1	0.596	20.68		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Open	QPSK	50	25	10	Bottom	1:1	0.595	20.82		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Open	QPSK	1	99	10	Right	1:1	0.056	30.95		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Open	QPSK	50	25	10	Right	1:1	0.055	31.17		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Open	QPSK	1	99	10	Left	1:1	0.061	30.58		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Open	QPSK	50	25	10	Left	1:1	0.063	30.58		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Closed	QPSK	1	99	5	Back	1:1	0.593	20.70		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Closed	QPSK	50	25	5	Back	1:1	0.659	20.38		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Closed	QPSK	1	99	5	Front	1:1	0.198	25.46		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Closed	QPSK	50	25	5	Front	1:1	0.206	25.43		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Closed	QPSK	1	99	5	Bottom	1:1	0.637	20.39		
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.39	Closed	QPSK	50	25	5	Bottom	1:1	0.863	19.03		
1745.00	132322	Mid	LTE Band 66 (AWS)	20	18.45	Closed	QPSK	50	50	5	Bottom	1:1	0.976	18.56		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Closed	QPSK	50	25	5	Bottom	1:1	0.668	20.32		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.40	Closed	QPSK	100	0	5	Bottom	1:1	0.787	19.44		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Closed	QPSK	1	99	5	Right	1:1	0.024	34.63		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Closed	QPSK	50	25	5	Right	1:1	0.030	33.80		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.43	Closed	QPSK	1	99	5	Left	1:1	0.169	26.15		
1770.00	132572	High	LTE Band 66 (AWS)	20	18.57	Closed	QPSK	50	25	5	Left	1:1	0.169	26.29		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Open	QPSK	1	99	10	Back	1:1	0.458	21.84		18.29
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Open	QPSK	50	25	10	Back	1:1	0.509	21.41		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Open	QPSK	1	99	10	Front	1:1	0.298	23.71		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Open	QPSK	50	25	10	Front	1:1	0.345	23.10		
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.09	Open	QPSK	1	99	10	Bottom	1:1	0.795	19.09		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Open	QPSK	1	99	10	Bottom	1:1	0.753	19.68		
1905.00	26590	High	LTE Band 25 (PCS)	20	17.77	Open	QPSK	1	0	10	Bottom	1:1	0.840	18.53		
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.07	Open	QPSK	50	50	10	Bottom	1:1	0.798	19.05		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Open	QPSK	50	25	10	Bottom	1:1	0.793	19.49		
1905.00	26590	High	LTE Band 25 (PCS)	20	17.95	Open	QPSK	50	0	10	Bottom	1:1	0.796	18.94		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.05	Open	QPSK	100	0	10	Bottom	1:1	0.766	19.21		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Open	QPSK	1	99	10	Right	1:1	0.054	31.13		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Open	QPSK	50	25	10	Right	1:1	0.056	31.00		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Open	QPSK	1	99	10	Left	1:1	0.033	33.26		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Open	QPSK	50	25	10	Left	1:1	0.042	32.25		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Closed	QPSK	1	99	5	Back	1:1	0.562	20.95		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Closed	QPSK	50	25	5	Back	1:1	0.589	20.78		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Closed	QPSK	1	99	5	Front	1:1	0.192	25.62		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Closed	QPSK	50	25	5	Front	1:1	0.177	26.00		
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.09	Closed	QPSK	1	99	5	Bottom	1:1	0.830	18.90		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Closed	QPSK	1	99	5	Bottom	1:1	0.954	18.65		
1905.00	26590	High	LTE Band 25 (PCS)	20	17.77	Closed	QPSK	1	0	5	Bottom	1:1	0.874	18.35		
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.07	Closed	QPSK	50	50	5	Bottom	1:1	0.836	18.85		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Closed	QPSK	50	25	5	Bottom	1:1	1.030	18.35		
1905.00	26590	High	LTE Band 25 (PCS)	20	17.95	Closed	QPSK	50	0	5	Bottom	1:1	0.906	18.38		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.05	Closed	QPSK	100	0	5	Bottom	1:1	0.947	18.29		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Closed	QPSK	1	99	5	Right	1:1	0.030	33.68		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Closed	QPSK	50	25	5	Right	1:1	0.036	32.92		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.45	Closed	QPSK	1	99	5	Left	1:1	0.088	29.01		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	18.48	Closed	QPSK	50	25	5	Left	1:1	0.094	28.75		

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

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Table A-18
DSI = 3 P_{Limit} Calculations – 4G Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY	Mhz		Modm	Bandwidth (MHz)	Conducted Power (dBm)	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Site	Duty Cycle	SAR (W/kg)	P_{Limit} (dBm)	Minimum Power (dBm)
	Min	Ch													
2310.00	27710	Mid	LTE Band 30	10	17.95	Open	QPSK	1	0	10	Back	1.1	0.373	23.23	
2310.00	27710	Mid	LTE Band 30	10	18.00	Open	QPSK	25	12	10	Back	1.1	0.377	23.24	
2310.00	27710	Mid	LTE Band 30	10	17.95	Open	QPSK	1	0	10	Front	1.1	0.261	23.78	
2310.00	27710	Mid	LTE Band 30	10	18.00	Open	QPSK	25	12	10	Front	1.1	0.261	23.83	
2310.00	27710	Mid	LTE Band 30	10	17.95	Open	QPSK	1	0	10	Bottom	1.1	0.468	19.83	
2310.00	27710	Mid	LTE Band 30	10	18.00	Open	QPSK	25	12	10	Bottom	1.1	0.468	19.77	
2310.00	27710	Mid	LTE Band 30	10	17.95	Open	QPSK	1	0	10	Right	1.1	0.028	33.48	
2310.00	27710	Mid	LTE Band 30	10	18.00	Open	QPSK	25	12	10	Right	1.1	0.028	33.23	
2310.00	27710	Mid	LTE Band 30	10	17.95	Open	QPSK	1	0	10	Left	1.1	0.026	33.33	
2310.00	27710	Mid	LTE Band 30	10	18.00	Open	QPSK	25	12	10	Left	1.1	0.026	33.23	
2310.00	27710	Mid	LTE Band 30	10	17.95	Closed	QPSK	1	0	5	Back	1.1	0.594	20.44	18.88
2310.00	27710	Mid	LTE Band 30	10	18.00	Closed	QPSK	25	12	5	Back	1.1	0.595	20.45	
2310.00	27710	Mid	LTE Band 30	10	17.95	Closed	QPSK	1	0	5	Front	1.1	0.038	32.15	
2310.00	27710	Mid	LTE Band 30	10	18.00	Closed	QPSK	25	12	5	Front	1.1	0.038	32.20	
2310.00	27710	Mid	LTE Band 30	10	17.95	Closed	QPSK	1	0	5	Bottom	1.1	0.834	18.74	
2310.00	27710	Mid	LTE Band 30	10	18.00	Closed	QPSK	25	12	5	Bottom	1.1	0.837	18.77	
2310.00	27710	Mid	LTE Band 30	10	17.82	Closed	QPSK	50	0	5	Bottom	1.1	0.825	18.66	
2310.00	27710	Mid	LTE Band 30	10	17.96	Closed	QPSK	1	0	5	Right	1.1	0.026	33.80	
2310.00	27710	Mid	LTE Band 30	10	18.00	Closed	QPSK	25	12	5	Right	1.1	0.025	34.02	
2310.00	27710	Mid	LTE Band 30	10	17.96	Closed	QPSK	1	0	5	Left	1.1	0.048	31.14	
2310.00	27710	Mid	LTE Band 30	10	18.00	Closed	QPSK	25	12	5	Left	1.1	0.048	31.19	
2560.00	21350	High	LTE Band 7	20	18.34	Open	QPSK	1	0	10	Back	1.1	0.180	25.79	
2560.00	21350	High	LTE Band 7	20	18.35	Open	QPSK	50	25	10	Back	1.1	0.182	25.75	
2560.00	21350	High	LTE Band 7	20	18.34	Open	QPSK	1	0	10	Front	1.1	0.148	28.64	
2560.00	21350	High	LTE Band 7	20	18.35	Open	QPSK	50	25	10	Front	1.1	0.150	28.42	
2560.00	21350	High	LTE Band 7	20	18.34	Open	QPSK	1	0	10	Bottom	1.1	0.402	23.32	
2560.00	21350	High	LTE Band 7	20	18.35	Open	QPSK	50	25	10	Bottom	1.1	0.405	23.28	
2560.00	21350	High	LTE Band 7	20	18.34	Open	QPSK	1	0	10	Left	1.1	0.265	30.21	
2560.00	21350	High	LTE Band 7	20	18.35	Open	QPSK	50	25	10	Left	1.1	0.261	30.50	
2560.00	21350	High	LTE Band 7	20	18.34	Closed	QPSK	1	0	5	Back	1.1	0.286	23.87	
2560.00	21350	High	LTE Band 7	20	18.35	Closed	QPSK	50	25	5	Back	1.1	0.284	23.87	
2560.00	21350	High	LTE Band 7	20	18.34	Closed	QPSK	1	0	5	Front	1.1	0.078	29.42	18.84
2560.00	21350	High	LTE Band 7	20	18.35	Closed	QPSK	50	25	5	Front	1.1	0.077	30.79	
2510.00	20850	Low	LTE Band 7	20	18.23	Closed	QPSK	1	99	5	Bottom	1.1	1.030	18.10	
2510.00	21100	Mid	LTE Band 7	20	17.96	Closed	QPSK	1	0	5	Bottom	1.1	0.820	18.34	
2560.00	21350	High	LTE Band 7	20	18.34	Closed	QPSK	1	0	5	Bottom	1.1	0.654	20.18	
2510.00	20850	Low	LTE Band 7	20	18.34	Closed	QPSK	50	25	5	Bottom	1.1	1.070	16.65	
2535.00	21100	Mid	LTE Band 7	20	18.10	Closed	QPSK	50	25	5	Bottom	1.1	0.964	18.28	
2560.00	21350	High	LTE Band 7	20	18.35	Closed	QPSK	50	25	5	Bottom	1.1	0.676	20.65	
2510.00	20850	Low	LTE Band 7	20	18.13	Closed	QPSK	100	0	5	Bottom	1.1	1.020	18.04	
2560.00	21350	High	LTE Band 7	20	18.34	Closed	QPSK	1	0	5	Left	1.1	0.195	28.41	
2560.00	21350	High	LTE Band 7	20	18.35	Closed	QPSK	50	25	5	Left	1.1	0.193	28.50	
3600.00	58640	High	LTE Band 48	20	17.23	Open	QPSK	1	0	10	Back	11.58	0.041	25.60	
3600.00	58640	High	LTE Band 48	20	17.22	Open	QPSK	50	0	10	Back	11.58	0.039	25.74	
3600.00	58640	High	LTE Band 48	20	17.23	Open	QPSK	1	0	10	Front	11.58	0.044	25.51	
3600.00	58640	High	LTE Band 48	20	17.22	Open	QPSK	50	0	10	Front	11.58	0.040	25.69	
3600.00	58640	High	LTE Band 48	20	17.23	Open	QPSK	1	0	10	Top	11.58	0.031	30.33	
3600.00	58640	High	LTE Band 48	20	17.22	Open	QPSK	50	0	10	Top	11.58	0.032	30.18	
3600.00	58640	High	LTE Band 48	20	17.23	Open	QPSK	1	0	10	Left	11.58	0.103	23.40	
3600.00	58640	High	LTE Band 48	20	17.22	Open	QPSK	50	0	10	Left	11.58	0.101	23.44	
3600.00	58640	High	LTE Band 48	20	17.23	Closed	QPSK	1	0	5	Back	11.58	0.038	29.88	
3600.00	58640	High	LTE Band 48	20	17.22	Closed	QPSK	50	0	5	Back	11.58	0.037	29.95	
3600.00	58640	High	LTE Band 48	20	17.23	Closed	QPSK	1	0	5	Front	11.58	0.161	22.87	
3600.00	58640	High	LTE Band 48	20	17.22	Closed	QPSK	50	0	5	Front	11.58	0.159	22.78	
3580.00	58940	High	LTE Band 48	20	17.23	Closed	QPSK	1	0	5	Bottom	11.58	0.044	25.51	
3600.00	58640	High	LTE Band 48	20	17.22	Closed	QPSK	50	0	5	Bottom	11.58	0.044	25.50	
3600.00	58640	High	LTE Band 48	20	17.23	Closed	QPSK	1	0	5	Left	11.58	0.415	19.06	
3600.00	58640	High	LTE Band 48	20	17.22	Closed	QPSK	50	0	5	Left	11.58	0.407	19.14	
2500.00	39750	Low	LTE Band 41	20	20.40	Open	QPSK	1	50	10	Back	11.58	0.222	24.90	
2500.00	39750	Low	LTE Band 41	20	20.48	Open	QPSK	50	25	10	Back	11.58	0.230	24.88	
2500.00	39750	Low	LTE Band 41	20	20.40	Open	QPSK	1	50	10	Front	11.58	0.160	28.37	
2500.00	39750	Low	LTE Band 41	20	20.48	Open	QPSK	50	25	10	Front	11.58	0.166	28.32	
2500.00	39750	Low	LTE Band 41	20	20.40	Open	QPSK	1	50	10	Bottom	11.58	0.438	20.00	
2500.00	39750	Low	LTE Band 41	20	20.48	Open	QPSK	50	25	10	Bottom	11.58	0.446	22.00	
2500.00	39750	Low	LTE Band 41	20	20.40	Open	QPSK	1	50	10	Left	11.58	0.032	33.36	
2500.00	39750	Low	LTE Band 41	20	20.48	Open	QPSK	25	25	10	Left	11.58	0.035	33.05	
2500.00	39750	Low	LTE Band 41	20	20.40	Closed	QPSK	1	50	5	Back	11.58	0.472	21.87	
2500.00	39750	Low	LTE Band 41	20	20.48	Closed	QPSK	50	25	5	Back	11.58	0.486	21.83	
2500.00	39750	Low	LTE Band 41	20	20.40	Closed	QPSK	1	50	5	Front	11.58	0.041	32.20	
2500.00	39750	Low	LTE Band 41	20	20.48	Closed	QPSK	50	25	5	Front	11.58	0.042	32.26	
2500.00	39750	Low	LTE Band 41	20	20.40	Closed	QPSK	1	50	5	Bottom	11.58	0.005	38.85	18.88
2540.50	40185	Low-Mid	LTE Band 41	20	20.30	Closed	QPSK	1	0	5	Bottom	11.58	0.884	18.95	
2500.00	49820	Mid	LTE Band 41	20	20.25	Closed	QPSK	1	50	5	Bottom	11.58	0.703	19.78	
2530.25	41055	Mid-High	LTE Band 41	20	20.10	Closed	QPSK	1	50	5	Bottom	11.58	1.020	18.08	
2580.00	41490	High	LTE Band 41	20	20.21	Closed	QPSK	1	50	5	Bottom	11.58	0.803	19.18	
2500.00	39750	Low	LTE Band 41	20	20.48	Closed	QPSK	50	25	5	Bottom	11.58	0.918	18.87	
2540.50	40785	Low-Mid	LTE Band 41	20	20.36	Closed	QPSK	50	25	5	Bottom	11.58	0.888	19.08	
2500.00	49820	Mid	LTE Band 41	20	20.36	Closed	QPSK	50	50	5	Bottom	11.58	0.727	19.78	
2530.50	41055	Mid-High	LTE Band 41	20	20.22	Closed	QPSK	50	25	5	Bottom	11.58	1.000	18.23	
2580.00	41490	High	LTE Band 41	20	20.24	Closed	QPSK	50	50	5	Bottom	11.58	0.888	18.87	
2580.00	41490	High	LTE Band 41	20	20.34	Closed	QPSK	100	0	5	Bottom	11.58	0.904	18.78	
2500.00	39750	Low	LTE Band 41	20	20.40	Closed	QPSK	1	50	5	Left	11.58	0.086	28.07	
2500.00	39750	Low	LTE Band 41	20	20.48	Closed	QPSK	25	25	5	Left	11.58	0.089	28.00	

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

FCC ID: A3LSMF711U	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21 © 2020 PCTEST	DUT Type: Portable Handset	APPENDIX A: Page 18 of 38

Table A-19
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing [mm]	Side	Duty Cycle	SAR(1g)	PLimit	Minimum PLimit	
MHz	Ch.												[W/kg]	[dBm]	[dBm]	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Back	1:1	0.221	29.31	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Open	DFT+OFDM QPSK	50	0	10	Back	1:1	0.197	29.97	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Front	1:1	0.180	30.20	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Open	DFT+OFDM QPSK	50	0	10	Front	1:1	0.193	30.05	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Bottom	1:1	0.028	38.28	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Open	DFT+OFDM QPSK	50	0	10	Bottom	1:1	0.027	38.60	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Right	1:1	0.216	29.37	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Open	DFT+OFDM QPSK	50	0	10	Right	1:1	0.233	29.24	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Left	1:1	0.170	30.45	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Open	DFT+OFDM QPSK	50	0	10	Left	1:1	0.207	29.75	
680.50	136100	Mid	NR Band n71	20	22.90	Ant.A	Open	CP-OFDM QPSK	1	1	10	Right	1:1	0.197	29.96	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Back	1:1	0.509	25.68	25.68
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Closed	DFT+OFDM QPSK	50	0	5	Back	1:1	0.476	26.13	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Front	1:1	0.092	33.11	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Closed	DFT+OFDM QPSK	50	0	5	Front	1:1	0.088	33.47	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Bottom	1:1	0.104	32.58	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Closed	DFT+OFDM QPSK	50	0	5	Bottom	1:1	0.103	32.78	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Right	1:1	0.070	34.30	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Closed	DFT+OFDM QPSK	50	0	5	Right	1:1	0.075	34.10	
680.50	136100	Mid	NR Band n71	20	22.75	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Left	1:1	0.155	30.85	
680.50	136100	Mid	NR Band n71	20	22.91	Ant.A	Closed	DFT+OFDM QPSK	50	0	5	Left	1:1	0.153	31.06	
680.50	136100	Mid	NR Band n71	20	22.90	Ant.A	Closed	CP-OFDM QPSK	1	1	5	Back	1:1	0.515	25.78	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Back	1:1	0.220	29.12	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Open	DFT+OFDM QPSK	36	0	10	Back	1:1	0.231	28.94	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Front	1:1	0.223	29.06	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Open	DFT+OFDM QPSK	36	0	10	Front	1:1	0.226	29.04	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Bottom	1:1	0.041	36.41	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Open	DFT+OFDM QPSK	36	0	10	Bottom	1:1	0.039	36.87	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Right	1:1	0.203	29.47	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Open	DFT+OFDM QPSK	36	0	10	Right	1:1	0.209	29.38	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Open	DFT+OFDM QPSK	1	1	10	Left	1:1	0.231	28.90	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Open	DFT+OFDM QPSK	36	0	10	Left	1:1	0.226	28.85	
707.50	141500	Mid	NR Band n12	15	23.14	Ant.A	Open	CP-OFDM QPSK	1	1	10	Left	1:1	0.220	29.72	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Back	1:1	0.523	25.35	25.34
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Closed	DFT+OFDM QPSK	36	0	5	Back	1:1	0.542	25.24	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Front	1:1	0.116	31.90	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Closed	DFT+OFDM QPSK	36	0	5	Front	1:1	0.099	32.62	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Bottom	1:1	0.107	32.50	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Closed	DFT+OFDM QPSK	36	0	5	Bottom	1:1	0.095	32.80	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Right	1:1	0.107	32.25	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Closed	DFT+OFDM QPSK	36	0	5	Right	1:1	0.110	32.17	
707.50	141500	Mid	NR Band n12	15	22.54	Ant.A	Closed	DFT+OFDM QPSK	1	1	5	Left	1:1	0.116	31.90	
707.50	141500	Mid	NR Band n12	15	22.58	Ant.A	Closed	DFT+OFDM QPSK	36	0	5	Left	1:1	0.114	32.01	
707.50	141500	Mid	NR Band n12	15	23.14	Ant.A	Closed	CP-OFDM QPSK	1	1	5	Back	1:1	0.521	25.97	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Open	DFT+OFDM QPSK	1	53	10	Back	1:1	0.306	27.93	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Open	DFT+OFDM QPSK	50	56	10	Back	1:1	0.325	27.84	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Open	DFT+OFDM QPSK	1	53	10	Front	1:1	0.217	29.46	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Open	DFT+OFDM QPSK	50	56	10	Front	1:1	0.224	29.46	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Open	DFT+OFDM QPSK	1	53	10	Bottom	1:1	0.108	32.49	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Open	DFT+OFDM QPSK	50	56	10	Bottom	1:1	0.109	32.59	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Open	DFT+OFDM QPSK	1	53	10	Right	1:1	0.185	30.15	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Open	DFT+OFDM QPSK	50	56	10	Right	1:1	0.175	30.53	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Open	DFT+OFDM QPSK	1	53	10	Left	1:1	0.082	33.68	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Open	DFT+OFDM QPSK	50	56	10	Left	1:1	0.081	33.88	
836.50	167300	Mid	NR Band n5	20	22.55	Ant.A	Open	CP-OFDM QPSK	1	1	5	Back	1:1	0.251	28.55	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Closed	DFT+OFDM QPSK	1	53	5	Back	1:1	0.758	24.02	24.02
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Closed	DFT+OFDM QPSK	50	56	5	Back	1:1	0.764	24.13	
836.50	167300	Mid	NR Band n5	20	22.79	Ant.A	Closed	DFT+OFDM QPSK	100	0	5	Back	1:1	0.744	24.07	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Closed	DFT+OFDM QPSK	1	53	5	Front	1:1	0.147	31.15	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Closed	DFT+OFDM QPSK	50	56	5	Front	1:1	0.165	30.79	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Closed	DFT+OFDM QPSK	1	53	5	Bottom	1:1	0.206	29.68	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Closed	DFT+OFDM QPSK	50	56	5	Bottom	1:1	0.210	29.74	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Closed	DFT+OFDM QPSK	1	53	5	Right	1:1	0.101	32.78	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Closed	DFT+OFDM QPSK	50	56	5	Right	1:1	0.104	32.79	
836.50	167300	Mid	NR Band n5	20	22.82	Ant.A	Closed	DFT+OFDM QPSK	1	53	5	Left	1:1	0.144	31.24	
836.50	167300	Mid	NR Band n5	20	22.96	Ant.A	Closed	DFT+OFDM QPSK	50	56	5	Left	1:1	0.143	31.41	
836.50	167300	Mid	NR Band n5	20	22.55	Ant.A	Closed	CP-OFDM QPSK	1	1	5	Back	1:1	0.644	24.46	

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

FCC ID: A3LSMF711U	 <p>PCTEST Proud to be part of element</p>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21 © 2020 PCTEST	DUT Type: Portable Handset		APPENDIX A: Page 19 of 38

Table A-20
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Open	DFT-s-OFDM QPSK	1	214	10	Back	1:1	0.433	21.72	17.72
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Open	DFT-s-OFDM QPSK	108	108	10	Back	1:1	0.428	21.74	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Open	DFT-s-OFDM QPSK	1	214	10	Front	1:1	0.323	22.99	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Open	DFT-s-OFDM QPSK	108	108	10	Front	1:1	0.321	22.98	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Open	DFT-s-OFDM QPSK	1	214	10	Bottom	1:1	0.716	19.53	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Open	DFT-s-OFDM QPSK	108	108	10	Bottom	1:1	0.684	19.70	
1745.00	349000	Mid	NR Band n66	40	17.99	Ant A	Open	DFT-s-OFDM QPSK	216	0	10	Bottom	1:1	0.751	19.23	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Open	DFT-s-OFDM QPSK	1	214	10	Right	1:1	0.053	30.84	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Open	DFT-s-OFDM QPSK	108	108	10	Right	1:1	0.052	30.89	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Open	DFT-s-OFDM QPSK	1	214	10	Left	1:1	0.067	29.82	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Open	DFT-s-OFDM QPSK	108	108	10	Left	1:1	0.062	30.13	
1745.00	349000	Mid	NR Band n66	40	17.91	Ant A	Open	CP-OFDM QPSK	1	1	10	Bottom	1:1	0.733	19.26	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Closed	DFT-s-OFDM QPSK	1	214	5	Back	1:1	0.640	20.02	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Closed	DFT-s-OFDM QPSK	108	108	5	Back	1:1	0.661	19.85	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Closed	DFT-s-OFDM QPSK	1	214	5	Front	1:1	0.209	24.88	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Closed	DFT-s-OFDM QPSK	108	108	5	Front	1:1	0.211	24.81	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Closed	DFT-s-OFDM QPSK	1	214	5	Bottom	1:1	0.714	19.54	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Closed	DFT-s-OFDM QPSK	108	108	5	Bottom	1:1	1.080	17.72	
1745.00	349000	Mid	NR Band n66	40	17.99	Ant A	Closed	DFT-s-OFDM QPSK	216	0	5	Bottom	1:1	0.764	19.16	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Closed	DFT-s-OFDM QPSK	1	214	5	Right	1:1	0.055	30.68	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Closed	DFT-s-OFDM QPSK	108	108	5	Right	1:1	0.056	30.57	
1745.00	349000	Mid	NR Band n66	40	18.08	Ant A	Closed	DFT-s-OFDM QPSK	1	214	5	Left	1:1	0.100	28.08	
1745.00	349000	Mid	NR Band n66	40	18.05	Ant A	Closed	DFT-s-OFDM QPSK	108	108	5	Left	1:1	0.107	27.76	
1745.00	349000	Mid	NR Band n66	40	17.91	Ant A	Closed	CP-OFDM QPSK	1	1	5	Bottom	1:1	0.707	19.42	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Back	1:1	0.370	21.95	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Open	DFT-s-OFDM QPSK	108	0	10	Back	1:1	0.356	22.04	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Front	1:1	0.357	22.10	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Open	DFT-s-OFDM QPSK	108	0	10	Front	1:1	0.347	22.15	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Bottom	1:1	0.482	20.80	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Open	DFT-s-OFDM QPSK	108	0	10	Bottom	1:1	0.424	21.28	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Right	1:1	0.043	31.30	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Open	DFT-s-OFDM QPSK	108	0	10	Right	1:1	0.041	31.42	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Left	1:1	0.063	29.64	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Open	DFT-s-OFDM QPSK	108	0	10	Left	1:1	0.056	30.07	
1882.50	376500	Mid	NR Band n25	40	17.54	Ant A	Open	CP-OFDM QPSK	1	1	10	Bottom	1:1	0.471	20.81	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Closed	DFT-s-OFDM QPSK	1	1	5	Back	1:1	0.474	20.87	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Closed	DFT-s-OFDM QPSK	108	0	5	Back	1:1	0.478	20.76	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Closed	DFT-s-OFDM QPSK	1	1	5	Front	1:1	0.107	27.34	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Closed	DFT-s-OFDM QPSK	108	0	5	Front	1:1	0.094	27.82	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Closed	DFT-s-OFDM QPSK	1	1	5	Bottom	1:1	0.672	19.36	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Closed	DFT-s-OFDM QPSK	108	0	5	Bottom	1:1	0.647	19.44	
1882.50	376500	Mid	NR Band n25	40	17.49	Ant A	Closed	DFT-s-OFDM QPSK	216	0	5	Bottom	1:1	0.666	19.26	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Closed	DFT-s-OFDM QPSK	1	1	5	Right	1:1	0.026	33.48	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Closed	DFT-s-OFDM QPSK	108	0	5	Right	1:1	0.022	34.13	
1882.50	376500	Mid	NR Band n25	40	17.63	Ant A	Closed	DFT-s-OFDM QPSK	1	1	5	Left	1:1	0.046	31.00	
1882.50	376500	Mid	NR Band n25	40	17.55	Ant A	Closed	DFT-s-OFDM QPSK	108	0	5	Left	1:1	0.041	31.42	
1882.50	376500	Mid	NR Band n25	40	17.54	Ant A	Closed	CP-OFDM QPSK	1	1	5	Bottom	1:1	0.657	19.36	

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

FCC ID: A3LSMF711U	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset	APPENDIX A: Page 20 of 38

Table A-21
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Configuration	Modulation	RB Size	RB Offset	Spacing (m.m)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.	[W/kg]												[dBm]	[dBm]	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Back	1:1	0.260	24.47	18.17
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Open	DFT-s-OFDM QPSK	108	0	10	Back	1:1	0.265	24.44	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Front	1:1	0.181	26.04	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Open	DFT-s-OFDM QPSK	108	0	10	Front	1:1	0.182	26.07	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Top	1:1	0.024	34.82	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Open	DFT-s-OFDM QPSK	108	0	10	Top	1:1	0.021	35.45	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Right	1:1	0.387	22.74	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Open	DFT-s-OFDM QPSK	108	0	10	Right	1:1	0.383	22.84	
1745.00	349000	Mid	NR Band n66	40	18.72	Ant I	Open	CP-OFDM QPSK	1	1	10	Right	1:1	0.383	22.89	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Back	1:1	0.045	32.09	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Closed	DFT-s-OFDM QPSK	108	0	5	Back	1:1	0.045	32.14	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Front	1:1	0.557	21.16	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Closed	DFT-s-OFDM QPSK	108	0	5	Front	1:1	0.578	21.05	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Top	1:1	0.020	35.61	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Closed	DFT-s-OFDM QPSK	108	0	5	Top	1:1	0.020	35.66	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Bottom	1:1	0.031	33.71	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Closed	DFT-s-OFDM QPSK	108	0	5	Bottom	1:1	0.031	33.76	
1745.00	349000	Mid	NR Band n66	40	18.62	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Right	1:1	1.110	18.17	
1745.00	349000	Mid	NR Band n66	40	18.67	Ant I	Closed	DFT-s-OFDM QPSK	108	0	5	Right	1:1	1.100	18.26	
1745.00	349000	Mid	NR Band n66	40	18.59	Ant I	Closed	DFT-s-OFDM QPSK	216	0	5	Right	1:1	1.080	18.26	
1745.00	349000	Mid	NR Band n66	40	18.72	Ant I	Closed	CP-OFDM QPSK	1	1	5	Right	1:1	1.110	18.27	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	DFT-s-OFDM QPSK	1	214	10	Back	1:1	0.150	27.24	19.85
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	DFT-s-OFDM QPSK	108	54	10	Back	1:1	0.167	26.74	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	DFT-s-OFDM QPSK	1	214	10	Front	1:1	0.102	28.91	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	DFT-s-OFDM QPSK	108	54	10	Front	1:1	0.115	28.36	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	DFT-s-OFDM QPSK	1	214	10	Top	1:1	0.040	32.98	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	DFT-s-OFDM QPSK	108	54	10	Top	1:1	0.040	32.95	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Open	DFT-s-OFDM QPSK	1	214	10	Right	1:1	0.334	23.76	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Open	DFT-s-OFDM QPSK	108	54	10	Right	1:1	0.372	23.26	
1882.50	376500	Mid	NR Band n25	40	18.82	Ant I	Open	CP-OFDM QPSK	1	1	10	Right	1:1	0.470	22.10	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Closed	DFT-s-OFDM QPSK	1	214	5	Back	1:1	0.041	32.87	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Closed	DFT-s-OFDM QPSK	108	54	5	Back	1:1	0.044	32.54	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Closed	DFT-s-OFDM QPSK	1	214	5	Front	1:1	0.504	21.98	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Closed	DFT-s-OFDM QPSK	108	54	5	Front	1:1	0.590	21.26	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Closed	DFT-s-OFDM QPSK	1	214	5	Top	1:1	0.028	34.53	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Closed	DFT-s-OFDM QPSK	108	54	5	Top	1:1	0.025	34.99	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Closed	DFT-s-OFDM QPSK	1	214	5	Bottom	1:1	0.053	31.76	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Closed	DFT-s-OFDM QPSK	108	54	5	Bottom	1:1	0.059	31.26	
1882.50	376500	Mid	NR Band n25	40	19.00	Ant I	Closed	DFT-s-OFDM QPSK	1	214	5	Right	1:1	0.542	21.66	
1882.50	376500	Mid	NR Band n25	40	18.97	Ant I	Closed	DFT-s-OFDM QPSK	108	54	5	Right	1:1	0.646	20.87	
1882.50	376500	Mid	NR Band n25	40	18.82	Ant I	Closed	CP-OFDM QPSK	1	1	5	Right	1:1	0.789	19.85	

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

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 21 of 38

Table A-22
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Back	1:1	0.430	21.67	17.71
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	25	27	10	Back	1:1	0.439	21.58	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Front	1:1	0.288	23.41	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	25	27	10	Front	1:1	0.285	23.45	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Bottom	1:1	0.799	18.97	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	25	27	10	Bottom	1:1	0.779	19.08	
2310.00	462000	Mid	NR Band n30	10	17.90	Ant A	Open	DFT-s-OFDM QPSK	50	0	10	Bottom	1:1	0.779	18.98	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Right	1:1	0.031	33.09	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	25	27	10	Right	1:1	0.029	33.38	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	1	1	10	Left	1:1	0.045	31.47	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Open	DFT-s-OFDM QPSK	25	27	10	Left	1:1	0.042	31.77	
2310.00	462000	Mid	NR Band n30	10	17.92	Ant A	Open	CP-OFDM QPSK	1	1	10	Bottom	1:1	0.768	19.07	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	1	26	5	Back	1:1	0.560	20.52	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	25	27	5	Back	1:1	0.564	20.49	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	1	26	5	Front	1:1	0.076	29.19	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	25	27	5	Front	1:1	0.072	29.43	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	1	26	5	Bottom	1:1	1.040	17.83	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	25	27	5	Bottom	1:1	1.070	17.71	
2310.00	462000	Mid	NR Band n30	10	17.90	Ant A	Closed	DFT-s-OFDM QPSK	50	0	5	Bottom	1:1	0.981	17.98	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	1	26	5	Right	1:1	0.033	32.81	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	25	27	5	Right	1:1	0.033	32.81	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	1	26	5	Left	1:1	0.056	30.52	
2310.00	462000	Mid	NR Band n30	10	18.00	Ant A	Closed	DFT-s-OFDM QPSK	25	27	5	Left	1:1	0.059	30.29	
2310.00	462000	Mid	NR Band n30	10	17.92	Ant A	Closed	CP-OFDM QPSK	1	1	5	Bottom	1:1	1.020	17.83	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.260	25.50	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Back	1:1	0.298	24.90	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.234	25.96	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Front	1:1	0.275	25.25	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.089	30.16	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Top	1:1	0.102	29.55	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Right	1:1	0.347	24.25	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Right	1:1	0.397	23.65	
2592.99	518598	Mid	NR Band n41	100	19.57	Ant I	Open	CP-OFDM QPSK	1	1	10	Right	1:1	0.443	23.11	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Back	1:1	0.227	26.09	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Back	1:1	0.250	25.66	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Front	1:1	0.586	21.97	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Front	1:1	0.675	21.35	
2592.99	518598	Mid	NR Band n41	100	19.57	Ant I	Closed	DFT-s-OFDM QPSK	270	0	5	Front	1:1	0.595	21.82	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Top	1:1	0.047	32.93	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Top	1:1	0.054	32.32	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Bottom	1:1	0.174	27.24	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Bottom	1:1	0.180	27.09	
2592.99	518598	Mid	NR Band n41	100	19.65	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Right	1:1	0.903	20.09	
2592.99	518598	Mid	NR Band n41	100	19.64	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Right	1:1	0.990	19.68	
2592.99	518598	Mid	NR Band n41	100	19.57	Ant I	Closed	DFT-s-OFDM QPSK	270	0	5	Right	1:1	0.932	19.88	
2592.99	518598	Mid	NR Band n41	100	19.57	Ant I	Closed	CP-OFDM QPSK	1	1	5	Right	1:1	1.080	19.24	

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

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 22 of 38

Table A-23
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (fg)	PLimit	Minimum PLimit
MHz	Ch.	(W/kg)												[dBm]	[dBm]	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.235	24.79	19.03
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Back	1:1	0.238	24.70	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.166	26.30	
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Front	1:1	0.171	26.14	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.123	27.60	
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Top	1:1	0.123	27.57	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.345	23.12	
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Left	1:1	0.332	23.26	
3930.00	662000	High	NR Band n77	100	18.24	Ant F	Open	CP-OFDM QPSK	1	1	10	Left	1:1	0.359	22.69	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Back	1:1	0.070	30.05	
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Back	1:1	0.065	30.34	
3750.00	650000	Low	NR Band n77	100	18.48	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Front	1:1	0.458	21.87	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Front	1:1	0.516	21.37	
3750.00	650000	Low	NR Band n77	100	18.45	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Front	1:1	0.595	20.70	
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Front	1:1	0.517	21.34	
3930.00	662000	High	NR Band n77	100	18.34	Ant F	Closed	DFT-s-OFDM QPSK	270	0	5	Front	1:1	0.473	21.59	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Bottom	1:1	0.033	33.31	
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Bottom	1:1	0.034	33.16	
3750.00	650000	Low	NR Band n77	100	18.48	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Left	1:1	0.881	19.03	
3930.00	662000	High	NR Band n77	100	18.50	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Left	1:1	0.581	20.86	
3750.00	650000	Low	NR Band n77	100	18.45	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Left	1:1	0.804	19.40	
3930.00	662000	High	NR Band n77	100	18.47	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Left	1:1	0.582	20.82	
3930.00	662000	High	NR Band n77	100	18.34	Ant F	Closed	DFT-s-OFDM QPSK	270	0	5	Left	1:1	0.649	20.22	
3930.00	662000	High	NR Band n77	100	18.24	Ant F	Closed	CP-OFDM QPSK	1	1	5	Left	1:1	0.559	20.77	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.252	23.43	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Back	1:1	0.249	23.47	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.184	24.79	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Front	1:1	0.180	24.88	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.154	25.56	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Top	1:1	0.152	25.61	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Open	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.274	23.06	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Open	DFT-s-OFDM QPSK	135	69	10	Left	1:1	0.281	22.94	
3500.01	633334	Mid	NR Band n77 DoD	100	17.32	Ant F	Open	CP-OFDM QPSK	1	1	10	Left	1:1	0.282	22.82	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Back	1:1	0.040	31.42	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Back	1:1	0.041	31.30	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Front	1:1	0.229	23.84	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Front	1:1	0.231	23.79	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Bottom	1:1	0.119	26.68	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Bottom	1:1	0.114	26.86	
3500.01	633334	Mid	NR Band n77 DoD	100	17.44	Ant F	Closed	DFT-s-OFDM QPSK	1	137	5	Left	1:1	0.329	22.27	
3500.01	633334	Mid	NR Band n77 DoD	100	17.43	Ant F	Closed	DFT-s-OFDM QPSK	135	69	5	Left	1:1	0.337	22.15	
3500.01	633334	Mid	NR Band n77 DoD	100	17.32	Ant F	Closed	CP-OFDM QPSK	1	1	5	Left	1:1	0.311	22.39	

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

FCC ID: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 23 of 38

Table A-24
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	P_{Limit}	Minimum P_{Limit}	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Back	1:1	0.079	26.68	20.76
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Back	1:1	0.079	26.70	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Front	1:1	0.067	27.40	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Front	1:1	0.063	27.69	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Top	1:1	0.006	37.88	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Top	1:1	0.009	36.14	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Open	DFT-s-OFDM QPSK	1	1	10	Right	1:1	0.100	25.66	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Open	DFT-s-OFDM QPSK	135	0	10	Right	1:1	0.094	25.95	
3750.00	650000	Low	NR Band n77	100	15.61	Ant I	Open	CP-OFDM QPSK	1	1	10	Right	1:1	0.102	25.52	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Back	1:1	0.010	35.66	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Back	1:1	0.010	35.68	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Front	1:1	0.217	22.30	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Front	1:1	0.207	22.52	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Top	1:1	0.013	34.52	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Top	1:1	0.014	34.22	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Bottom	1:1	0.018	33.11	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Bottom	1:1	0.013	34.54	
3750.00	650000	Low	NR Band n77	100	15.66	Ant I	Closed	DFT-s-OFDM QPSK	1	1	5	Right	1:1	0.309	20.76	
3750.00	650000	Low	NR Band n77	100	15.68	Ant I	Closed	DFT-s-OFDM QPSK	135	0	5	Right	1:1	0.301	20.89	
3750.00	650000	Low	NR Band n77	100	15.61	Ant I	Closed	CP-OFDM QPSK	1	1	5	Right	1:1	0.273	21.25	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.082	26.43	18.72
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Open	DFT-s-OFDM QPSK	135	69	10	Back	1:1	0.075	26.84	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.059	27.86	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Open	DFT-s-OFDM QPSK	135	69	10	Front	1:1	0.060	27.81	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.017	33.27	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Open	DFT-s-OFDM QPSK	135	69	10	Top	1:1	0.014	34.13	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Open	DFT-s-OFDM QPSK	1	137	10	Right	1:1	0.208	22.39	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Open	DFT-s-OFDM QPSK	135	69	10	Right	1:1	0.204	22.49	
3500.01	633334	Mid	NR Band n77 DoD	100	15.40	Ant I	Open	CP-OFDM QPSK	1	1	10	Right	1:1	0.232	21.75	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Back	1:1	0.027	31.26	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Closed	DFT-s-OFDM QPSK	135	69	5	Back	1:1	0.030	30.82	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Front	1:1	0.228	21.99	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Closed	DFT-s-OFDM QPSK	135	69	5	Front	1:1	0.233	21.92	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Top	1:1	0.015	33.81	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Closed	DFT-s-OFDM QPSK	135	69	5	Top	1:1	0.017	33.29	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Bottom	1:1	0.024	31.77	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Closed	DFT-s-OFDM QPSK	135	69	5	Bottom	1:1	0.024	31.79	
3500.01	633334	Mid	NR Band n77 DoD	100	15.57	Ant I	Closed	DFT-s-OFDM QPSK	1	137	5	Right	1:1	0.397	19.58	
3500.01	633334	Mid	NR Band n77 DoD	100	15.59	Ant I	Closed	DFT-s-OFDM QPSK	135	69	5	Right	1:1	0.397	19.60	
3500.01	633334	Mid	NR Band n77 DoD	100	15.56	Ant I	Closed	DFT-s-OFDM QPSK	270	0	5	Right	1:1	0.441	19.12	
3500.01	633334	Mid	NR Band n77 DoD	100	15.40	Ant I	Closed	CP-OFDM QPSK	1	1	5	Right	1:1	0.466	18.72	

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

FCC ID: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 24 of 38

Table A-25
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
Mhz	Ch.	(W/kg)												[dBm]	[dBm]	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.160	24.11	17.34
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Open	DFT-s-OFDM QPSK	135	0	10	Back	1:1	0.154	24.22	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.121	25.32	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Open	DFT-s-OFDM QPSK	135	0	10	Front	1:1	0.123	25.20	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.006	38.37	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Open	DFT-s-OFDM QPSK	135	0	10	Top	1:1	0.007	37.65	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.270	21.84	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Open	DFT-s-OFDM QPSK	135	0	10	Left	1:1	0.269	21.80	
3930.00	662000	High	NR Band n77	100	15.90	Ant E	Open	CP-OFDM QPSK	1	1	10	Left	1:1	0.259	21.77	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Back	1:1	0.052	28.99	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Closed	DFT-s-OFDM QPSK	135	0	5	Back	1:1	0.053	28.86	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Front	1:1	0.290	21.53	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Closed	DFT-s-OFDM QPSK	135	0	5	Front	1:1	0.291	21.46	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Top	1:1	0.036	30.59	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Closed	DFT-s-OFDM QPSK	135	0	5	Top	1:1	0.042	29.87	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Bottom	1:1	0.060	28.37	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Closed	DFT-s-OFDM QPSK	135	0	5	Bottom	1:1	0.062	28.18	
3930.00	662000	High	NR Band n77	100	15.62	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Left	1:1	0.405	19.55	
3930.00	662000	High	NR Band n77	100	16.15	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Left	1:1	0.757	17.36	
3930.00	662000	High	NR Band n77	100	15.60	Ant E	Closed	DFT-s-OFDM QPSK	135	0	5	Left	1:1	0.445	19.12	
3930.00	662000	High	NR Band n77	100	16.10	Ant E	Closed	DFT-s-OFDM QPSK	135	0	5	Left	1:1	0.752	17.34	
3930.00	662000	High	NR Band n77	100	15.82	Ant E	Closed	DFT-s-OFDM QPSK	270	0	5	Left	1:1	0.681	17.49	
3930.00	662000	High	NR Band n77	100	15.90	Ant E	Closed	CP-OFDM QPSK	1	1	5	Left	1:1	0.692	17.50	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.107	24.76	19.79
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Open	DFT-s-OFDM QPSK	135	69	10	Back	1:1	0.095	25.28	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.091	25.46	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Open	DFT-s-OFDM QPSK	135	69	10	Front	1:1	0.088	25.62	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.007	36.60	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Open	DFT-s-OFDM QPSK	135	69	10	Top	1:1	0.010	35.06	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Open	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.141	23.56	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Open	DFT-s-OFDM QPSK	135	69	10	Left	1:1	0.144	23.48	
3500.01	633334	Mid	NR Band n77 DoD	100	15.02	Ant E	Open	CP-OFDM QPSK	1	1	10	Left	1:1	0.141	23.53	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Back	1:1	0.055	27.65	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Closed	DFT-s-OFDM QPSK	135	69	5	Back	1:1	0.056	27.58	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Front	1:1	0.136	23.71	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Closed	DFT-s-OFDM QPSK	135	69	5	Front	1:1	0.130	23.92	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Top	1:1	0.014	33.59	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Closed	DFT-s-OFDM QPSK	135	69	5	Top	1:1	0.015	33.30	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Bottom	1:1	0.028	30.58	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Closed	DFT-s-OFDM QPSK	135	69	5	Bottom	1:1	0.028	30.59	
3500.01	633334	Mid	NR Band n77 DoD	100	15.05	Ant E	Closed	DFT-s-OFDM QPSK	1	137	5	Left	1:1	0.336	19.79	
3500.01	633334	Mid	NR Band n77 DoD	100	15.06	Ant E	Closed	DFT-s-OFDM QPSK	135	69	5	Left	1:1	0.332	19.85	
3500.01	633334	Mid	NR Band n77 DoD	100	15.02	Ant E	Closed	CP-OFDM QPSK	1	1	5	Left	1:1	0.321	19.95	

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

FCC ID: A3LSMF711U	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 25 of 38

Table A-26
DSI = 3 P_{Limit} Calculations – 5G Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit	
MHz	Ch.												(W/kg)	[dBm]	[dBm]	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.048	24.93	14.55
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Open	DFT-s-OFDM QPSK	135	0	10	Back	1:1	0.045	25.13	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.033	26.55	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Open	DFT-s-OFDM QPSK	135	0	10	Front	1:1	0.036	26.10	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Bottom	1:1	0.005	34.75	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Open	DFT-s-OFDM QPSK	135	0	10	Bottom	1:1	0.010	31.66	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.093	22.06	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Open	DFT-s-OFDM QPSK	135	0	10	Left	1:1	0.096	21.84	
3930.00	662000	High	NR Band n77	100	11.63	Ant C	Open	CP-OFDM QPSK	1	1	10	Left	1:1	0.098	21.72	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.000	61.74	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Closed	DFT-s-OFDM QPSK	135	0	10	Back	1:1	0.000	48.65	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.000	81.74	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Closed	DFT-s-OFDM QPSK	135	0	10	Front	1:1	0.000	61.66	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.002	38.73	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Closed	DFT-s-OFDM QPSK	135	0	10	Top	1:1	0.000	51.66	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Bottom	1:1	0.000	61.74	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Closed	DFT-s-OFDM QPSK	135	0	10	Bottom	1:1	0.000	45.64	
3750.00	650000	Low	NR Band n77	100	11.51	Ant C	Closed	DFT-s-OFDM QPSK	1	1	10	Left	1:1	0.363	15.91	
3930.00	662000	High	NR Band n77	100	11.74	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.524	14.55	
3750.00	650000	Low	NR Band n77	100	11.52	Ant C	Closed	DFT-s-OFDM QPSK	135	138	10	Left	1:1	0.400	15.50	
3930.00	662000	High	NR Band n77	100	11.66	Ant C	Closed	DFT-s-OFDM QPSK	135	0	10	Left	1:1	0.512	14.57	
3930.00	662000	High	NR Band n77	100	11.46	Ant C	Closed	DFT-s-OFDM QPSK	270	0	10	Left	1:1	0.406	15.37	
3930.00	662000	High	NR Band n77	100	11.63	Ant C	Closed	CP-OFDM QPSK	1	1	10	Left	1:1	0.459	15.01	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.074	23.13	14.26
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Open	DFT-s-OFDM QPSK	135	69	10	Back	1:1	0.069	23.39	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.053	24.58	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Open	DFT-s-OFDM QPSK	135	69	10	Front	1:1	0.054	24.46	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Bottom	1:1	0.022	28.40	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Open	DFT-s-OFDM QPSK	135	69	10	Bottom	1:1	0.019	28.99	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Open	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.154	19.94	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Open	DFT-s-OFDM QPSK	135	69	10	Left	1:1	0.152	19.96	
3500.01	633334	Mid	NR Band n77 DoD	100	11.70	Ant C	Open	CP-OFDM QPSK	1	1	10	Left	1:1	0.163	19.58	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Back	1:1	0.323	16.73	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Closed	DFT-s-OFDM QPSK	135	69	10	Back	1:1	0.314	16.81	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Front	1:1	0.029	27.20	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Closed	DFT-s-OFDM QPSK	135	69	10	Front	1:1	0.028	27.31	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Top	1:1	0.017	29.52	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Closed	DFT-s-OFDM QPSK	135	69	10	Top	1:1	0.015	30.02	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Bottom	1:1	0.042	25.59	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Closed	DFT-s-OFDM QPSK	135	69	10	Bottom	1:1	0.043	25.45	
3500.01	633334	Mid	NR Band n77 DoD	100	11.82	Ant C	Closed	DFT-s-OFDM QPSK	1	137	10	Left	1:1	0.515	14.70	
3500.01	633334	Mid	NR Band n77 DoD	100	11.78	Ant C	Closed	DFT-s-OFDM QPSK	135	69	10	Left	1:1	0.499	14.80	
3500.01	633334	Mid	NR Band n77 DoD	100	11.70	Ant C	Closed	CP-OFDM QPSK	1	1	10	Left	1:1	0.555	14.26	

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

FCC ID: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 26 of 38

Table A-27
DSI = 0 P_{Limit} Calculations – 2G/3G Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Spacing	Side	# of GPRS Slots	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.									(W/kg)	[dBm]	[dBm]
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	8	Back	N/A	1:1	0.339	32.77	29.28
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	6	Front	N/A	1:1	0.334	32.83	
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	11	Bottom	N/A	1:1	0.068	39.74	
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	0	Right	N/A	1:1	0.757	29.28	
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	0	Left	N/A	1:1	0.595	30.32	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	Open	8	Back	N/A	1:1	0.864	27.95	26.95
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	Open	6	Front	N/A	1:1	1.090	26.95	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	Open	11	Bottom	N/A	1:1	0.858	27.98	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	Open	0	Right	N/A	1:1	0.334	32.08	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	Open	0	Left	N/A	1:1	0.329	32.15	
836.60	190	GSM 850	GPRS	28.32	Open	8	Back	3	1:2.76	0.340	32.55	29.83
836.60	190	GSM 850	GPRS	28.32	Open	6	Front	3	1:2.76	0.321	32.80	
836.60	190	GSM 850	GPRS	28.32	Open	11	Bottom	3	1:2.76	0.068	39.54	
836.60	190	GSM 850	GPRS	28.32	Open	0	Right	3	1:2.76	0.637	29.83	
836.60	190	GSM 850	GPRS	28.32	Open	0	Left	3	1:2.76	0.559	30.40	
1850.20	512	GSM 1900	GPRS	25.36	Open	8	Back	3	1:2.76	0.531	27.66	26.77
1850.20	512	GSM 1900	GPRS	25.36	Open	6	Front	3	1:2.76	0.651	26.77	
1850.20	512	GSM 1900	GPRS	25.36	Open	11	Bottom	3	1:2.76	0.546	27.54	
1850.20	512	GSM 1900	GPRS	25.36	Open	0	Right	3	1:2.76	0.214	31.61	
1850.20	512	GSM 1900	GPRS	25.36	Open	0	Left	3	1:2.76	0.207	31.75	
836.60	4183	UMTS 850	RMC	24.49	Open	8	Back	N/A	1:1	0.329	33.30	29.89
836.60	4183	UMTS 850	RMC	24.49	Open	6	Front	N/A	1:1	0.335	33.22	
836.60	4183	UMTS 850	RMC	24.49	Open	11	Bottom	N/A	1:1	0.068	40.14	
836.60	4183	UMTS 850	RMC	24.49	Open	0	Right	N/A	1:1	0.721	29.89	
836.60	4183	UMTS 850	RMC	24.49	Open	0	Left	N/A	1:1	0.573	30.89	
1732.40	1412	UMTS 1750	RMC	23.70	Open	8	Back	N/A	1:1	1.010	27.64	27.64
1732.40	1412	UMTS 1750	RMC	23.70	Open	6	Front	N/A	1:1	0.318	32.66	
1732.40	1412	UMTS 1750	RMC	23.70	Open	11	Bottom	N/A	1:1	0.505	30.65	
1732.40	1412	UMTS 1750	RMC	23.70	Open	0	Right	N/A	1:1	0.229	34.08	
1732.40	1412	UMTS 1750	RMC	23.70	Open	0	Left	N/A	1:1	0.275	33.29	
1880.00	9400	UMTS 1900	RMC	23.82	Open	8	Back	N/A	1:1	0.970	27.93	27.93
1880.00	9400	UMTS 1900	RMC	23.82	Open	6	Front	N/A	1:1	0.837	28.57	
1880.00	9400	UMTS 1900	RMC	23.82	Open	11	Bottom	N/A	1:1	0.905	28.23	
1880.00	9400	UMTS 1900	RMC	23.82	Open	0	Right	N/A	1:1	0.254	33.75	
1880.00	9400	UMTS 1900	RMC	23.82	Open	0	Left	N/A	1:1	0.372	32.09	

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: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 27 of 38

Table A-28
DSI = 1 P_{Limit} Calculations – 2G/3G Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Spacing (mm)	Side	# of GPRS Slots	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.									[W/kg]	[dBm]	[dBm]
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	0	Back	N/A	1:1	1.050	27.86	27.86
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	0	Front	N/A	1:1	0.779	29.15	
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	0	Bottom	N/A	1:1	0.514	30.96	
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	0	Right	N/A	1:1	0.757	29.28	
836.52	384	CDMA BC0 (\$22H)	TDSO / SO32	24.09	Open	0	Left	N/A	1:1	0.595	30.32	
1908.75	1175	PCS CDMA	EVDO Rev. 0	21.12	Open	0	Back	N/A	1:1	0.540	27.78	26.27
1908.75	1175	PCS CDMA	EVDO Rev. 0	21.12	Open	0	Front	N/A	1:1	0.330	29.91	
1908.75	1175	PCS CDMA	EVDO Rev. 0	21.12	Open	0	Bottom	N/A	1:1	0.763	26.27	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	Open	0	Right	N/A	1:1	0.334	32.08	
1851.25	25	PCS CDMA	EVDO Rev. 0	23.34	Open	0	Left	N/A	1:1	0.329	32.15	
836.60	190	GSM 850	GPRS	28.32	Open	0	Back	3	1:2.76	1.000	27.87	27.87
836.60	190	GSM 850	GPRS	28.32	Open	0	Front	3	1:2.76	0.768	29.02	
836.60	190	GSM 850	GPRS	28.32	Open	0	Bottom	3	1:2.76	0.461	31.23	
836.60	190	GSM 850	GPRS	28.32	Open	0	Right	3	1:2.76	0.637	29.83	
836.60	190	GSM 850	GPRS	28.32	Open	0	Left	3	1:2.76	0.559	30.40	
1850.20	512	GSM 1900	GPRS	22.31	Open	0	Back	4	1:2.076	1.480	21.41	20.98
1880.00	661	GSM 1900	GPRS	22.00	Open	0	Back	4	1:2.076	1.520	20.98	
1909.80	810	GSM 1900	GPRS	22.34	Open	0	Back	4	1:2.076	1.300	22.00	
1909.80	810	GSM 1900	GPRS	22.34	Open	0	Front	4	1:2.076	0.848	23.85	
1909.80	810	GSM 1900	GPRS	22.34	Open	0	Bottom	4	1:2.076	0.760	24.33	
1850.20	512	GSM 1900	GPRS	25.36	Open	0	Right	3	1:2.76	0.214	31.61	
1850.20	512	GSM 1900	GPRS	25.36	Open	0	Left	3	1:2.76	0.207	31.75	
836.60	4183	UMTS 850	RMC	24.49	Open	0	Back	N/A	1:1	1.200	27.68	
836.60	4183	UMTS 850	RMC	24.49	Open	0	Front	N/A	1:1	0.725	29.87	
836.60	4183	UMTS 850	RMC	24.49	Open	0	Bottom	N/A	1:1	0.577	30.86	
836.60	4183	UMTS 850	RMC	24.49	Open	0	Right	N/A	1:1	0.721	29.89	
836.60	4183	UMTS 850	RMC	24.49	Open	0	Left	N/A	1:1	0.573	30.89	
1712.40	1312	UMTS 1750	RMC	20.03	Open	0	Back	N/A	1:1	1.590	22.00	21.15
1732.40	1412	UMTS 1750	RMC	20.00	Open	0	Back	N/A	1:1	1.710	21.65	
1752.60	1513	UMTS 1750	RMC	19.87	Open	0	Back	N/A	1:1	1.860	21.15	
1732.40	1412	UMTS 1750	RMC	20.00	Open	0	Front	N/A	1:1	1.080	23.65	
1712.40	1312	UMTS 1750	RMC	20.03	Open	0	Bottom	N/A	1:1	1.790	21.48	
1732.40	1412	UMTS 1750	RMC	20.00	Open	0	Bottom	N/A	1:1	1.740	21.57	
1752.60	1513	UMTS 1750	RMC	19.87	Open	0	Bottom	N/A	1:1	1.530	22.00	
1732.40	1412	UMTS 1750	RMC	23.70	Open	0	Right	N/A	1:1	0.229	34.08	
1732.40	1412	UMTS 1750	RMC	23.70	Open	0	Left	N/A	1:1	0.275	33.29	
1852.40	9262	UMTS 1900	RMC	21.38	Open	0	Back	N/A	1:1	2.540	21.31	21.31
1880.00	9400	UMTS 1900	RMC	21.42	Open	0	Back	N/A	1:1	2.470	21.47	
1907.60	9538	UMTS 1900	RMC	21.40	Open	0	Back	N/A	1:1	2.500	21.40	
1880.00	9400	UMTS 1900	RMC	21.42	Open	0	Front	N/A	1:1	1.560	23.47	
1852.40	9262	UMTS 1900	RMC	21.38	Open	0	Bottom	N/A	1:1	1.600	23.32	
1880.00	9400	UMTS 1900	RMC	21.42	Open	0	Bottom	N/A	1:1	1.860	22.70	
1907.60	9538	UMTS 1900	RMC	21.40	Open	0	Bottom	N/A	1:1	1.790	22.85	
1880.00	9400	UMTS 1900	RMC	23.82	Open	0	Right	N/A	1:1	0.254	33.75	
1880.00	9400	UMTS 1900	RMC	23.82	Open	0	Left	N/A	1:1	0.372	32.09	

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: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 28 of 38

Table A-29
DSI = 0 P_{Limit} Calculations – 4G Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.												(W/kg)	[dBm]	[dBm]
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	8	Back	1:1	0.208	34.88	29.68
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	6	Front	1:1	0.261	33.89	
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	11	Bottom	1:1	0.034	42.74	
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	0	Right	1:1	0.256	33.98	
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	0	Left	1:1	0.688	29.68	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	8	Back	1:1	0.259	33.98	29.67
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	6	Front	1:1	0.266	33.86	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	11	Bottom	1:1	0.031	43.20	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	0	Right	1:1	0.317	33.10	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	0	Left	1:1	0.698	29.67	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	8	Back	1:1	0.266	33.91	30.59
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	6	Front	1:1	0.287	33.58	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	11	Bottom	1:1	0.041	42.03	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	0	Right	1:1	0.545	30.80	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	0	Left	1:1	0.571	30.59	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	8	Back	1:1	0.278	33.74	31.16
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	6	Front	1:1	0.294	33.50	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	11	Bottom	1:1	0.047	41.46	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	0	Right	1:1	0.503	31.16	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	0	Left	1:1	0.487	31.30	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	8	Back	1:1	0.334	32.71	29.08
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	6	Front	1:1	0.339	32.65	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	11	Bottom	1:1	0.064	39.89	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	0	Right	1:1	0.770	29.08	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	0	Left	1:1	0.650	29.82	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	8	Back	1:1	0.332	32.33	28.67
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	6	Front	1:1	0.354	32.05	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	11	Bottom	1:1	0.066	39.34	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	0	Right	1:1	0.771	28.67	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	0	Left	1:1	0.659	29.35	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	8	Back	1:1	1.060	27.64	27.64
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	8	Back	1:1	0.803	27.97	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	6	Front	1:1	0.713	29.36	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	6	Front	1:1	0.637	28.98	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	11	Bottom	1:1	0.747	29.16	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	11	Bottom	1:1	0.688	28.64	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	0	Right	1:1	0.302	33.09	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	0	Right	1:1	0.262	32.84	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	0	Left	1:1	0.307	33.02	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	0	Left	1:1	0.284	32.49	

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: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 29 of 38

Table A-30
DSI = 0 P_{Limit} Calculations – 4G Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	P _{Limit}	Minimum P _{Limit}
MHz	Ch.												(W/kg)	[dBm]	[dBm]
1882.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	8	Back	1:1	1.490	26.62	26.62
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	8	Back	1:1	1.090	27.01	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	6	Front	1:1	1.400	26.89	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	6	Front	1:1	1.050	27.17	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	11	Bottom	1:1	1.330	27.11	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	11	Bottom	1:1	1.060	27.13	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	0	Right	1:1	0.497	31.39	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	0	Right	1:1	0.387	31.50	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	0	Left	1:1	0.446	31.86	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	0	Left	1:1	0.309	32.48	
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	8	Back	1:1	0.555	29.94	28.82
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	0	8	Back	1:1	0.437	30.02	
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	6	Front	1:1	0.566	29.85	
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	0	6	Front	1:1	0.454	29.86	
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	11	Bottom	1:1	0.718	28.82	
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	0	11	Bottom	1:1	0.572	28.86	
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	0	Right	1:1	0.277	32.95	
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	0	0	Right	1:1	0.222	32.97	
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	0	Left	1:1	0.244	33.51	
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	0	0	Left	1:1	0.194	33.55	
2535.00	21100	Mid	LTE Band 7	20	24.02	Open	QPSK	1	0	8	Back	1:1	0.613	30.12	29.32
2535.00	21100	Mid	LTE Band 7	20	23.08	Open	QPSK	50	25	8	Back	1:1	0.497	30.10	
2535.00	21100	Mid	LTE Band 7	20	24.02	Open	QPSK	1	0	6	Front	1:1	0.606	30.17	
2535.00	21100	Mid	LTE Band 7	20	23.08	Open	QPSK	50	25	6	Front	1:1	0.485	30.20	
2535.00	21100	Mid	LTE Band 7	20	24.02	Open	QPSK	1	0	11	Bottom	1:1	0.735	29.34	
2535.00	21100	Mid	LTE Band 7	20	23.08	Open	QPSK	50	25	11	Bottom	1:1	0.594	29.32	
2535.00	21100	Mid	LTE Band 7	20	24.02	Open	QPSK	1	0	0	Left	1:1	0.576	30.40	
2535.00	21100	Mid	LTE Band 7	20	23.08	Open	QPSK	50	25	0	Left	1:1	0.463	30.40	
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Back	1:1.58	1.470	22.20	20.22
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Front	1:1.58	1.900	21.09	
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Top	1:1.58	1.090	23.50	
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Left	1:1.58	2.317	20.22	
2680.00	41490	High	LTE Band 41	20	24.54	Open	QPSK	1	50	8	Back	1:1.58	0.445	30.05	26.45
2680.00	41490	High	LTE Band 41	20	23.60	Open	QPSK	50	50	8	Back	1:1.58	0.355	30.09	
2680.00	41490	High	LTE Band 41	20	24.54	Open	QPSK	1	50	6	Front	1:1.58	0.428	30.22	
2680.00	41490	High	LTE Band 41	20	23.60	Open	QPSK	50	50	6	Front	1:1.58	0.341	30.27	
2680.00	41490	High	LTE Band 41	20	24.54	Open	QPSK	1	50	11	Bottom	1:1.58	0.533	29.27	
2680.00	41490	High	LTE Band 41	20	23.60	Open	QPSK	50	50	11	Bottom	1:1.58	0.424	29.32	
2680.00	41490	High	LTE Band 41	20	24.54	Open	QPSK	1	50	0	Left	1:1.58	1.020	26.45	
2680.00	41490	High	LTE Band 41	20	23.60	Open	QPSK	25	50	0	Left	1:1.58	0.817	26.47	

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: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 30 of 38

Table A-31
DSI = 1 P_{Limit} Calculations – 4G Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.	Mid											(W/kg)	[dBm]	[dBm]
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	0	Back	1:1	0.987	28.12	28.12
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	0	Front	1:1	0.577	30.45	
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	0	Bottom	1:1	0.275	33.67	
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	0	Right	1:1	0.256	33.98	
680.50	133297	Mid	LTE Band 71	20	24.08	Open	QPSK	1	0	0	Left	1:1	0.688	29.68	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	0	Back	1:1	0.882	28.65	28.65
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	0	Front	1:1	0.590	30.40	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	0	Bottom	1:1	0.261	33.94	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	0	Right	1:1	0.317	33.10	
707.50	23095	Mid	LTE Band 12	10	24.13	Open	QPSK	1	0	0	Left	1:1	0.698	29.67	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	0	Back	1:1	1.050	27.95	27.95
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	0	Front	1:1	0.660	29.96	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	0	Bottom	1:1	0.504	31.14	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	0	Right	1:1	0.545	30.80	
782.00	23230	Mid	LTE Band 13	10	24.18	Open	QPSK	1	0	0	Left	1:1	0.571	30.59	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	0	Back	1:1	1.160	27.53	27.53
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	0	Front	1:1	0.746	29.45	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	0	Bottom	1:1	0.582	30.53	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	0	Right	1:1	0.503	31.16	
793.00	23330	Mid	LTE Band 14	10	24.20	Open	QPSK	1	0	0	Left	1:1	0.487	31.30	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	0	Back	1:1	1.300	26.81	26.81
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	0	Front	1:1	0.800	28.92	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	0	Bottom	1:1	0.753	29.18	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	0	Right	1:1	0.770	29.08	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.97	Open	QPSK	1	0	0	Left	1:1	0.650	29.82	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	0	Back	1:1	1.340	26.27	26.27
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	0	Front	1:1	0.787	28.58	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	0	Bottom	1:1	0.767	28.69	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	0	Right	1:1	0.771	28.67	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.56	Open	QPSK	1	0	0	Left	1:1	0.659	29.35	
1720.00	132072	Low	LTE Band 66 (AWS)	20	20.77	Open	QPSK	1	50	0	Back	1:1	2.540	20.70	20.63
1745.00	132322	Mid	LTE Band 66 (AWS)	20	21.01	Open	QPSK	1	50	0	Back	1:1	2.730	20.63	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.11	Open	QPSK	1	99	0	Back	1:1	2.360	21.36	
1720.00	132072	Low	LTE Band 66 (AWS)	20	21.08	Open	QPSK	50	25	0	Back	1:1	2.590	20.93	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	21.16	Open	QPSK	50	50	0	Back	1:1	2.750	20.75	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.25	Open	QPSK	50	25	0	Back	1:1	2.410	21.41	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.10	Open	QPSK	100	0	0	Back	1:1	2.380	21.31	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.11	Open	QPSK	1	99	0	Front	1:1	1.690	22.81	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.25	Open	QPSK	50	25	0	Front	1:1	1.750	22.80	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.11	Open	QPSK	1	99	0	Bottom	1:1	1.660	22.89	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.25	Open	QPSK	50	25	0	Bottom	1:1	1.800	22.68	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	0	Right	1:1	0.302	33.09	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	0	Right	1:1	0.262	32.84	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.91	Open	QPSK	1	99	0	Left	1:1	0.307	33.02	
1770.00	132572	High	LTE Band 66 (AWS)	20	23.04	Open	QPSK	50	25	0	Left	1:1	0.284	32.49	

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: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 31 of 38

Table A-32
DSI = 1 P_{Limit} Calculations – 4G Phablet SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Configuration	Modulation	RB Size	RB Offset	Spacing [mm]	Side	Duty Cycle	SAR (Hq)	P_{Limit}	Minimum P_{Limit}
Mhz	Ch.											(W/kg)	[dBm]	[dBm]
1860.00	26140	Low	LTE Band 25 (PCS)	20	21.16	Open	QPSK	1	99	0	Back	1:1	2.440	21.27
1862.50	26365	Mid	LTE Band 25 (PCS)	20	21.50	Open	QPSK	1	0	0	Back	1:1	2.400	21.68
1905.00	26590	High	LTE Band 25 (PCS)	20	21.08	Open	QPSK	1	0	0	Back	1:1	2.000	22.05
1860.00	26140	Low	LTE Band 25 (PCS)	20	21.38	Open	QPSK	50	25	0	Back	1:1	2.180	21.97
1862.50	26365	Mid	LTE Band 25 (PCS)	20	21.49	Open	QPSK	50	25	0	Back	1:1	2.650	21.24
1905.00	26590	High	LTE Band 25 (PCS)	20	21.09	Open	QPSK	50	0	0	Back	1:1	1.980	22.10
1862.50	26365	Mid	LTE Band 25 (PCS)	20	21.27	Open	QPSK	100	0	0	Back	1:1	2.360	21.52
1862.50	26365	Mid	LTE Band 25 (PCS)	20	21.50	Open	QPSK	1	0	0	Front	1:1	1.780	22.98
1862.50	26365	Mid	LTE Band 25 (PCS)	20	21.49	Open	QPSK	50	25	0	Front	1:1	1.740	23.06
1862.50	26365	Mid	LTE Band 25 (PCS)	20	21.50	Open	QPSK	1	0	0	Bottom	1:1	1.720	23.12
1862.50	26365	Mid	LTE Band 25 (PCS)	20	21.49	Open	QPSK	50	25	0	Bottom	1:1	1.640	23.32
1862.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	0	Right	1:1	0.697	31.39
1862.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	0	Right	1:1	0.387	31.50
1862.50	26365	Mid	LTE Band 25 (PCS)	20	24.37	Open	QPSK	1	0	0	Left	1:1	0.446	31.86
1862.50	26365	Mid	LTE Band 25 (PCS)	20	23.40	Open	QPSK	50	25	0	Left	1:1	0.309	32.48
2310.00	27710	Mid	LTE Band 30	10	21.29	Open	QPSK	1	0	0	Back	1:1	1.420	23.75
2310.00	27710	Mid	LTE Band 30	10	21.38	Open	QPSK	25	12	0	Back	1:1	1.420	23.81
2310.00	27710	Mid	LTE Band 30	10	21.29	Open	QPSK	1	0	0	Front	1:1	1.000	25.27
2310.00	27710	Mid	LTE Band 30	10	21.38	Open	QPSK	25	12	0	Front	1:1	1.010	25.32
2310.00	27710	Mid	LTE Band 30	10	21.29	Open	QPSK	1	0	0	Bottom	1:1	1.420	23.72
2310.00	27710	Mid	LTE Band 30	10	21.38	Open	QPSK	25	12	0	Bottom	1:1	1.670	23.40
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	0	Right	1:1	0.277	32.95
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	12	0	Right	1:1	0.222	32.97
2310.00	27710	Mid	LTE Band 30	10	23.40	Open	QPSK	1	0	0	Left	1:1	0.244	33.51
2310.00	27710	Mid	LTE Band 30	10	22.45	Open	QPSK	25	12	0	Left	1:1	0.194	33.55
2535.00	21100	Mid	LTE Band 7	20	21.01	Open	QPSK	1	0	0	Back	1:1	1.340	23.72
2535.00	21100	Mid	LTE Band 7	20	21.05	Open	QPSK	50	25	0	Back	1:1	1.370	23.66
2535.00	21100	Mid	LTE Band 7	20	21.01	Open	QPSK	1	0	0	Front	1:1	1.230	24.09
2535.00	21100	Mid	LTE Band 7	20	21.05	Open	QPSK	50	25	0	Front	1:1	1.270	23.99
2535.00	21100	Mid	LTE Band 7	20	21.01	Open	QPSK	1	0	0	Bottom	1:1	1.390	23.56
2510.00	20850	Low	LTE Band 7	20	20.95	Open	QPSK	50	25	0	Bottom	1:1	1.470	23.26
2535.00	21100	Mid	LTE Band 7	20	21.05	Open	QPSK	50	25	0	Bottom	1:1	1.460	23.39
2560.00	21350	High	LTE Band 7	20	20.95	Open	QPSK	50	25	0	Bottom	1:1	1.490	23.20
2535.00	21100	Mid	LTE Band 7	20	24.02	Open	QPSK	1	0	0	Left	1:1	0.576	30.40
2535.00	21100	Mid	LTE Band 7	20	23.08	Open	QPSK	50	25	0	Left	1:1	0.463	30.40
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Back	1:1.58	1.470	22.20
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Front	1:1.58	1.960	21.09
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Top	1:1.58	1.950	23.50
3646.70	56207	Mid-High	LTE Band 48	20	21.88	Open	QPSK	1	0	0	Left	1:1.58	2.317	20.22
2506.00	39750	Low	LTE Band 41	20	23.21	Open	QPSK	1	0	0	Back	1:1.58	1.380	23.90
2549.50	40185	Low-Mid	LTE Band 41	20	23.40	Open	QPSK	1	50	0	Back	1:1.58	1.420	23.87
2593.00	40620	Mid	LTE Band 41	20	23.42	Open	QPSK	1	50	0	Back	1:1.58	1.740	23.01
2636.50	41055	Mid-High	LTE Band 41	20	23.25	Open	QPSK	1	50	0	Back	1:1.58	1.880	22.50
2680.00	41490	High	LTE Band 41	20	23.28	Open	QPSK	1	50	0	Back	1:1.58	2.030	22.20
2506.00	39750	Low	LTE Band 41	20	23.44	Open	QPSK	50	25	0	Back	1:1.58	1.420	23.91
2549.50	40185	Low-Mid	LTE Band 41	20	23.38	Open	QPSK	50	50	0	Back	1:1.58	1.400	23.91
2593.00	40620	Mid	LTE Band 41	20	23.45	Open	QPSK	50	25	0	Back	1:1.58	1.650	23.27
2636.50	41055	Mid-High	LTE Band 41	20	23.29	Open	QPSK	50	25	0	Back	1:1.58	1.690	22.62
2680.00	41490	High	LTE Band 41	20	23.34	Open	QPSK	50	50	0	Back	1:1.58	2.090	22.13
2506.00	39750	Low	LTE Band 41	20	23.39	Open	QPSK	100	0	0	Back	1:1.58	1.400	23.92
2593.00	40620	Mid	LTE Band 41	20	23.42	Open	QPSK	1	50	0	Front	1:1.58	0.811	26.32
2593.00	40620	Mid	LTE Band 41	20	23.45	Open	QPSK	50	25	0	Front	1:1.58	0.813	26.34
2506.00	39750	Low	LTE Band 41	20	23.21	Open	QPSK	1	0	0	Bottom	1:1.58	1.330	24.06
2549.50	40185	Low-Mid	LTE Band 41	20	23.40	Open	QPSK	1	50	0	Bottom	1:1.58	1.380	23.96
2593.00	40620	Mid	LTE Band 41	20	23.42	Open	QPSK	1	50	0	Bottom	1:1.58	1.620	23.32
2636.50	41055	Mid-High	LTE Band 41	20	23.25	Open	QPSK	1	50	0	Bottom	1:1.58	1.880	22.50
2680.00	41490	High	LTE Band 41	20	23.28	Open	QPSK	1	50	0	Bottom	1:1.58	1.990	22.28
2506.00	39750	Low	LTE Band 41	20	23.44	Open	QPSK	50	25	0	Bottom	1:1.58	1.340	24.16
2549.50	40185	Low-Mid	LTE Band 41	20	23.38	Open	QPSK	50	50	0	Bottom	1:1.58	1.410	23.88
2593.00	40620	Mid	LTE Band 41	20	23.45	Open	QPSK	50	25	0	Bottom	1:1.58	1.610	23.38
2636.50	41055	Mid-High	LTE Band 41	20	23.29	Open	QPSK	50	25	0	Bottom	1:1.58	1.910	22.57
2680.00	41490	High	LTE Band 41	20	23.34	Open	QPSK	50	50	0	Bottom	1:1.58	2.050	22.22
2506.00	39750	Low	LTE Band 41	20	23.39	Open	QPSK	100	0	0	Bottom	1:1.58	1.210	24.56
2680.00	41490	High	LTE Band 41	20	24.54	Open	QPSK	1	50	0	Left	1:1.58	1.020	26.45
2680.00	41490	High	LTE Band 41	20	23.60	Open	QPSK	25	50	0	Left	1:1.58	0.817	26.47

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: A3LSMF711U	 <p>PCTEST Proud to be part of element</p>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 32 of 38

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

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing [mm]	Side	Duty Cycle	SAR (10g) [W/kg]	PLimit [dBm]	Minimum PLimit [dBm]		
MHz	Ch.																
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Back	1.1	0.890	26.68	28.58	
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Front	1.1	0.447	31.67		
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1.1	0.171	35.84		
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Right	1.1	0.282	33.67		
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Left	1.1	0.910	28.58		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Back	1.1	1.020	27.84	27.84	
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Front	1.1	0.579	30.30		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1.1	0.208	34.75		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Right	1.1	0.320	32.88		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Left	1.1	0.709	29.42		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Back	1.1	0.873	28.25	28.25	
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Front	1.1	0.382	31.84		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Bottom	1.1	0.741	28.96		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Right	1.1	0.341	32.33		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Left	1.1	0.219	34.25		
1745.00	349000	Mid	NR Band n66	40	19.98	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Back	1.1	2.350	20.25	19.95	
1745.00	349000	Mid	NR Band n66	40	20.02	Ant A	Open	DFT-s-OFDM QPSK	108	54	0	Back	1.1	2.350	20.29		
1745.00	349000	Mid	NR Band n66	40	19.97	Ant A	Open	DFT-s-OFDM QPSK	216	0	0	Back	1.1	2.130	20.67		
1745.00	349000	Mid	NR Band n66	40	19.98	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Front	1.1	1.520	22.14		
1745.00	349000	Mid	NR Band n66	40	20.02	Ant A	Open	DFT-s-OFDM QPSK	108	54	0	Front	1.1	1.600	21.96		
1745.00	349000	Mid	NR Band n66	40	19.98	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Bottom	1.1	1.240	23.03		
1745.00	349000	Mid	NR Band n66	40	20.02	Ant A	Open	DFT-s-OFDM QPSK	108	54	0	Bottom	1.1	1.280	22.83		
1745.00	349000	Mid	NR Band n66	40	23.90	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Right	1.1	0.410	31.75		
1745.00	349000	Mid	NR Band n66	40	23.85	Ant A	Open	DFT-s-OFDM QPSK	108	54	0	Right	1.1	0.325	32.71		
1745.00	349000	Mid	NR Band n66	40	23.90	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Left	1.1	0.382	31.95		
1745.00	349000	Mid	NR Band n66	40	23.85	Ant A	Open	DFT-s-OFDM QPSK	108	54	0	Left	1.1	0.327	32.68		
1745.00	349000	Mid	NR Band n66	40	19.75	Ant A	Open	CP-OFDM QPSK	1	1	0	Back	1.1	2.390	19.95		
1882.50	376500	Mid	NR Band n25	40	21.59	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Back	1.1	2.600	21.42		21.25
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Back	1.1	2.440	21.51		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	216	0	0	Back	1.1	2.410	21.56		
1882.50	376500	Mid	NR Band n25	40	21.59	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Front	1.1	2.190	22.16		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Front	1.1	2.060	22.24		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	216	0	0	Front	1.1	2.000	22.37		
1882.50	376500	Mid	NR Band n25	40	21.59	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1.1	1.880	22.87		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Bottom	1.1	1.760	22.92		
1882.50	376500	Mid	NR Band n25	40	23.73	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Right	1.1	0.348	32.29		
1882.50	376500	Mid	NR Band n25	40	23.50	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Right	1.1	0.396	31.50		
1882.50	376500	Mid	NR Band n25	40	23.73	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Left	1.1	0.342	32.37		
1882.50	376500	Mid	NR Band n25	40	23.50	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Left	1.1	0.339	32.18		
1882.50	376500	Mid	NR Band n25	40	21.49	Ant A	Open	CP-OFDM QPSK	1	1	0	Back	1.1	2.640	21.25		
2310.00	462000	Mid	NR Band n30	10	21.46	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Back	1.1	1.630	23.32	23.15	
2310.00	462000	Mid	NR Band n30	10	21.39	Ant A	Open	DFT-s-OFDM QPSK	25	0	0	Back	1.1	1.640	23.22		
2310.00	462000	Mid	NR Band n30	10	21.46	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Front	1.1	1.330	24.20		
2310.00	462000	Mid	NR Band n30	10	21.39	Ant A	Open	DFT-s-OFDM QPSK	25	0	0	Front	1.1	1.220	24.51		
2310.00	462000	Mid	NR Band n30	10	21.46	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1.1	1.450	23.83		
2310.00	462000	Mid	NR Band n30	10	21.39	Ant A	Open	DFT-s-OFDM QPSK	25	0	0	Bottom	1.1	1.480	23.73		
2310.00	462000	Mid	NR Band n30	10	22.46	Ant A	Open	DFT-s-OFDM QPSK	1	26	0	Right	1.1	0.238	32.67		
2310.00	462000	Mid	NR Band n30	10	22.46	Ant A	Open	DFT-s-OFDM QPSK	25	14	0	Right	1.1	0.238	32.67		
2310.00	462000	Mid	NR Band n30	10	22.73	Ant A	Open	DFT-s-OFDM QPSK	1	26	0	Left	1.1	0.258	32.59		
2310.00	462000	Mid	NR Band n30	10	22.46	Ant A	Open	DFT-s-OFDM QPSK	25	14	0	Left	1.1	0.250	32.46		
2310.00	462000	Mid	NR Band n30	10	21.21	Ant A	Open	CP-OFDM QPSK	1	1	0	Back	1.1	1.600	23.15		
2592.99	518598	Mid	NR Band n41	100	21.55	Ant1	Open	DFT-s-OFDM QPSK	1	137	0	Back	1.1	1.240	24.60		22.48
2592.99	518598	Mid	NR Band n41	100	21.61	Ant1	Open	DFT-s-OFDM QPSK	135	0	0	Back	1.1	1.290	24.48		
2592.99	518598	Mid	NR Band n41	100	21.55	Ant1	Open	DFT-s-OFDM QPSK	1	137	0	Front	1.1	1.680	23.28		
2592.99	518598	Mid	NR Band n41	100	21.61	Ant1	Open	DFT-s-OFDM QPSK	135	0	0	Front	1.1	1.850	23.92		
2592.99	518598	Mid	NR Band n41	100	21.48	Ant1	Open	DFT-s-OFDM QPSK	270	0	0	Front	1.1	1.670	23.23		
2592.99	518598	Mid	NR Band n41	100	21.43	Ant1	Open	DFT-s-OFDM QPSK	1	1	0	Top	1.1	1.931	22.55		
2592.99	518598	Mid	NR Band n41	100	21.55	Ant1	Open	DFT-s-OFDM QPSK	1	137	0	Right	1.1	1.570	23.57		
2592.99	518598	Mid	NR Band n41	100	21.61	Ant1	Open	DFT-s-OFDM QPSK	135	0	0	Right	1.1	1.650	23.41		
2592.99	518598	Mid	NR Band n41	100	21.48	Ant1	Open	DFT-s-OFDM QPSK	270	0	0	Right	1.1	1.550	23.56		
2592.99	518598	Mid	NR Band n41	100	21.05	Ant1	Open	CP-OFDM QPSK	1	1	0	Front	1.1	1.800	22.48		

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: A3LSMF711U	 PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21 © 2020 PCTEST	DUT Type: Portable Handset	APPENDIX A: Page 33 of 38

Table A-34
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	1.680	23.36	21.24
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.480	23.91	
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.226	32.07	
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	2.600	21.46	
1745.00	349000	Md	NR Band n66	40	21.66	Ant I	Open	DFT-s-OFDM QPSK	108	54	0	Right	1:1	2.660	21.39	
1745.00	349000	Md	NR Band n66	40	21.52	Ant I	Open	DFT-s-OFDM QPSK	216	0	0	Right	1:1	2.620	21.32	
1745.00	349000	Md	NR Band n66	40	21.62	Ant I	Open	CP-OFDM QPSK	1	1	0	Right	1:1	2.730	21.24	
1882.50	376500	Md	NR Band n25	40	24.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	2.640	24.15	24.15
1882.50	376500	Md	NR Band n25	40	24.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	2.160	25.02	
1882.50	376500	Md	NR Band n25	40	24.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.255	34.30	
1882.50	376500	Md	NR Band n25	40	24.49	Ant I	Open	DFT-s-OFDM QPSK	1	214	0	Right	1:1	2.000	25.46	
1882.50	376500	Md	NR Band n25	40	24.35	Ant I	Open	DFT-s-OFDM QPSK	108	54	0	Right	1:1	2.500	24.35	
1882.50	376500	Md	NR Band n25	40	23.45	Ant I	Open	DFT-s-OFDM QPSK	216	0	0	Right	1:1	1.830	24.80	
1882.50	376500	Md	NR Band n25	40	22.99	Ant I	Open	CP-OFDM QPSK	1	1	0	Right	1:1	1.860	24.27	

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: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 34 of 38

Table A-35
DSI = 0 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS														SAR (10g)	PLimit	Minimum PLimit		
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	W/kg				[dBm]	[dBm]
MHz	Ch.																	
3750.00	650000	Low	NR Band n77	100	18.93	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Back	1:1	0.865	23.54	19.10		
3930.00	662000	High	NR Band n77	100	19.28	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Back	1:1	1.050	23.05			
3750.00	650000	Low	NR Band n77	100	18.86	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Back	1:1	0.860	23.49			
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	135	0	0	Back	1:1	0.960	23.35			
3930.00	662000	High	NR Band n77	100	19.14	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Back	1:1	0.973	23.24			
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.350	21.87			
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.750	24.42			
3750.00	650000	Low	NR Band n77	100	18.93	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Left	1:1	2.250	19.39			
3930.00	662000	High	NR Band n77	100	19.28	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Left	1:1	2.230	19.78			
3750.00	650000	Low	NR Band n77	100	18.86	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Left	1:1	2.190	19.43			
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	135	0	0	Left	1:1	2.230	19.69			
3930.00	662000	High	NR Band n77	100	19.14	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Left	1:1	2.240	19.62			
3930.00	662000	High	NR Band n77	100	19.17	Ant F	Open	CP-OFDM QPSK	1	1	0	Left	1:1	2.540	19.10			
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Back	1:1	0.915	23.14	19.08		
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Back	1:1	0.889	23.16			
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Back	1:1	0.819	23.52			
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Front	1:1	0.909	23.16			
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Front	1:1	0.904	23.09			
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Front	1:1	1.010	22.61			
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Top	1:1	0.453	26.19			
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Top	1:1	0.444	26.18			
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Left	1:1	2.080	19.57			
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Left	1:1	2.060	19.51			
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Left	1:1	2.110	19.41			
3500.01	633334	Mid	NR Band n77 DoD	100	18.66	Ant F	Open	CP-OFDM QPSK	1	1	0	Left	1:1	2.270	19.08			
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.467	24.00		24.00	
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.436	24.29			
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.047	33.97			
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	0.268	26.41			
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.529	23.13	22.07		
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.654	22.21			
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.089	30.88			
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	0.676	22.07			
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	1.950	17.96	17.96		
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.270	19.82			
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.318	25.84			
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.814	21.75			
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	1.319	18.76	18.48		
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.407	18.48			
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.061	32.11			
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	1.180	19.24			
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.290	22.22	20.87		
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.264	22.62			
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1:1	0.030	32.07			
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.395	20.87			
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.534	19.73	19.73		
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.473	20.26			
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1:1	0.090	27.47			
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.310	22.10			

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: A3LSMF711U	 PCTEST <small>Proud to be part of element</small>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 35 of 38

Table A-36
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																	
Mhz	Ch.	Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR(10g)	P _{Limit}	Minimum P _{Limit} [dBm]		
													(W/kg)	(dBm)			
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.890	28.68	28.58	
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.447	31.67		
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1:1	0.171	35.84		
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	0.282	33.67		
680.50	136100	Mid	NR Band n71	20	24.19	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.910	28.58		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	1.020	27.84	27.84	
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.579	30.30		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1:1	0.208	34.75		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	0.320	32.88		
707.50	141500	Mid	NR Band n12	15	23.95	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.709	29.42		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Back	1:1	0.873	28.25	28.25	
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Front	1:1	0.382	31.84		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Bottom	1:1	0.741	28.86		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Right	1:1	0.341	32.33		
836.50	167300	Mid	NR Band n5	20	23.68	Ant A	Open	DFT-s-OFDM QPSK	1	0	0	Left	1:1	0.219	34.25		
1745.00	349000	Mid	NR Band n66	40	19.98	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Back	1:1	2.350	20.25	19.95	
1745.00	349000	Mid	NR Band n66	40	20.02	Ant A	Open	DFT-s-OFDM QPSK	108	108	0	Back	1:1	2.350	20.29		
1745.00	349000	Mid	NR Band n66	40	19.97	Ant A	Open	DFT-s-OFDM QPSK	216	0	0	Back	1:1	2.130	20.87		
1745.00	349000	Mid	NR Band n66	40	19.98	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Front	1:1	1.520	22.14		
1745.00	349000	Mid	NR Band n66	40	20.02	Ant A	Open	DFT-s-OFDM QPSK	108	108	0	Front	1:1	1.600	21.96		
1745.00	349000	Mid	NR Band n66	40	19.98	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Bottom	1:1	1.730	21.58		
1745.00	349000	Mid	NR Band n66	40	20.02	Ant A	Open	DFT-s-OFDM QPSK	108	108	0	Bottom	1:1	1.930	21.14		
1745.00	349000	Mid	NR Band n66	40	19.97	Ant A	Open	DFT-s-OFDM QPSK	216	0	0	Bottom	1:1	2.030	20.87		
1745.00	349000	Mid	NR Band n66	40	23.90	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Right	1:1	0.410	31.75		
1745.00	349000	Mid	NR Band n66	40	23.85	Ant A	Open	DFT-s-OFDM QPSK	108	108	0	Right	1:1	0.325	32.71		
1745.00	349000	Mid	NR Band n66	40	23.90	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Left	1:1	0.392	31.95		
1745.00	349000	Mid	NR Band n66	40	23.85	Ant A	Open	DFT-s-OFDM QPSK	108	108	0	Left	1:1	0.327	32.68		
1745.00	349000	Mid	NR Band n66	40	19.75	Ant A	Open	CP-OFDM QPSK	1	1	0	Back	1:1	2.390	19.95		
1882.50	376500	Mid	NR Band n25	40	21.59	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	2.600	21.42		21.25
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Back	1:1	2.440	21.51		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	216	0	0	Back	1:1	2.410	21.56		
1882.50	376500	Mid	NR Band n25	40	21.59	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	2.190	22.18		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Front	1:1	2.060	22.24		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	216	0	0	Front	1:1	2.000	22.37		
1882.50	376500	Mid	NR Band n25	40	21.59	Ant A	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1:1	1.860	22.87		
1882.50	376500	Mid	NR Band n25	40	21.40	Ant A	Open	DFT-s-OFDM QPSK	108	0	0	Bottom	1:1	1.760	22.92		
1882.50	376500	Mid	NR Band n25	40	23.73	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Right	1:1	0.348	32.29		
1882.50	376500	Mid	NR Band n25	40	23.50	Ant A	Open	DFT-s-OFDM QPSK	108	54	0	Right	1:1	0.396	31.50		
1882.50	376500	Mid	NR Band n25	40	23.73	Ant A	Open	DFT-s-OFDM QPSK	1	214	0	Left	1:1	0.342	32.37		
1882.50	376500	Mid	NR Band n25	40	23.50	Ant A	Open	DFT-s-OFDM QPSK	108	54	0	Left	1:1	0.339	32.18		
1882.50	376500	Mid	NR Band n25	40	23.49	Ant A	Open	CP-OFDM QPSK	1	1	0	Back	1:1	2.640	21.25		
2310.00	462000	Mid	NR Band n30	10	21.46	Ant A	Open	DFT-s-OFDM QPSK	1	26	0	Back	1:1	1.630	23.32	23.15	
2310.00	462000	Mid	NR Band n30	10	21.39	Ant A	Open	DFT-s-OFDM QPSK	25	14	0	Back	1:1	1.640	23.22		
2310.00	462000	Mid	NR Band n30	10	21.46	Ant A	Open	DFT-s-OFDM QPSK	1	26	0	Front	1:1	1.330	24.20		
2310.00	462000	Mid	NR Band n30	10	21.39	Ant A	Open	DFT-s-OFDM QPSK	25	14	0	Front	1:1	1.220	24.51		
2310.00	462000	Mid	NR Band n30	10	21.46	Ant A	Open	DFT-s-OFDM QPSK	1	26	0	Bottom	1:1	1.450	23.83		
2310.00	462000	Mid	NR Band n30	10	21.39	Ant A	Open	DFT-s-OFDM QPSK	25	14	0	Bottom	1:1	1.480	23.73		
2310.00	462000	Mid	NR Band n30	10	22.73	Ant A	Open	DFT-s-OFDM QPSK	1	26	0	Right	1:1	0.253	32.68		
2310.00	462000	Mid	NR Band n30	10	22.46	Ant A	Open	DFT-s-OFDM QPSK	25	14	0	Right	1:1	0.238	32.67		
2310.00	462000	Mid	NR Band n30	10	22.73	Ant A	Open	DFT-s-OFDM QPSK	1	26	0	Left	1:1	0.258	32.59		
2310.00	462000	Mid	NR Band n30	10	22.46	Ant A	Open	DFT-s-OFDM QPSK	25	14	0	Left	1:1	0.250	32.46		
2310.00	462000	Mid	NR Band n30	10	21.21	Ant A	Open	CP-OFDM QPSK	1	1	0	Back	1:1	1.600	23.15		
2592.99	518598	Mid	NR Band n41	100	21.55	Ant I	Open	DFT-s-OFDM QPSK	1	137	0	Back	1:1	1.240	24.60	22.48	
2592.99	518598	Mid	NR Band n41	100	21.61	Ant I	Open	DFT-s-OFDM QPSK	135	0	0	Back	1:1	1.290	24.48		
2592.99	518598	Mid	NR Band n41	100	21.55	Ant I	Open	DFT-s-OFDM QPSK	1	137	0	Front	1:1	1.680	23.28		
2592.99	518598	Mid	NR Band n41	100	21.61	Ant I	Open	DFT-s-OFDM QPSK	135	0	0	Front	1:1	1.850	22.92		
2592.99	518598	Mid	NR Band n41	100	21.48	Ant I	Open	DFT-s-OFDM QPSK	270	0	0	Front	1:1	1.670	23.23		
2592.99	518598	Mid	NR Band n41	100	21.43	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	1.931	22.55		
2592.99	518598	Mid	NR Band n41	100	21.55	Ant I	Open	DFT-s-OFDM QPSK	1	137	0	Right	1:1	1.570	23.57		
2592.99	518598	Mid	NR Band n41	100	21.61	Ant I	Open	DFT-s-OFDM QPSK	135	0	0	Right	1:1	1.650	23.41		
2592.99	518598	Mid	NR Band n41	100	21.48	Ant I	Open	DFT-s-OFDM QPSK	270	0	0	Right	1:1	1.550	23.56		
2592.99	518598	Mid	NR Band n41	100	21.05	Ant I	Open	CP-OFDM QPSK	1	1	0	Front	1:1	1.800	22.48		

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: A3LSMF711U	 PART 0 SAR CHAR REPORT Proud to be part of element	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21 © 2020 PCTEST	DUT Type: Portable Handset	APPENDIX A: Page 36 of 38

Table A-37
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	1.680	23.36	21.24
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.480	23.91	
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.226	32.07	
1745.00	349000	Md	NR Band n66	40	21.63	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	2.600	21.46	
1745.00	349000	Md	NR Band n66	40	21.66	Ant I	Open	DFT-s-OFDM QPSK	108	54	0	Right	1:1	2.660	21.39	
1745.00	349000	Md	NR Band n66	40	21.52	Ant I	Open	DFT-s-OFDM QPSK	216	0	0	Right	1:1	2.620	21.32	
1745.00	349000	Md	NR Band n66	40	21.62	Ant I	Open	CP-OFDM QPSK	1	1	0	Right	1:1	2.730	21.24	
1882.50	376500	Md	NR Band n25	40	24.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	2.640	24.15	24.15
1882.50	376500	Md	NR Band n25	40	24.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	2.160	25.02	
1882.50	376500	Md	NR Band n25	40	24.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.255	34.30	
1882.50	376500	Md	NR Band n25	40	24.49	Ant I	Open	DFT-s-OFDM QPSK	1	214	0	Right	1:1	2.000	25.46	
1882.50	376500	Md	NR Band n25	40	24.35	Ant I	Open	DFT-s-OFDM QPSK	108	54	0	Right	1:1	2.500	24.35	
1882.50	376500	Md	NR Band n25	40	23.45	Ant I	Open	DFT-s-OFDM QPSK	216	0	0	Right	1:1	1.830	24.80	
1882.50	376500	Md	NR Band n25	40	22.99	Ant I	Open	CP-OFDM QPSK	1	1	0	Right	1:1	1.860	24.27	

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: A3LSMF711U	 Proud to be part of 	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 37 of 38

Table A-38
DSI = 1 P_{Limit} Calculations – 5G Phablet SAR

MEASUREMENT RESULTS														SAR (10g)	PLimit	Minimum PLimit			
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle				SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.																		
3750.00	650000	Low	NR Band n77	100	18.93	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Back	1:1	0.865	23.54	19.10			
3930.00	662000	High	NR Band n77	100	19.28	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Back	1:1	1.050	23.05				
3750.00	650000	Low	NR Band n77	100	18.86	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Back	1:1	0.860	23.49				
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	135	0	0	Back	1:1	0.960	23.35				
3930.00	662000	High	NR Band n77	100	19.14	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Back	1:1	0.973	23.24				
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.350	21.87				
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.750	24.42				
3750.00	650000	Low	NR Band n77	100	18.93	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Left	1:1	2.250	19.39				
3930.00	662000	High	NR Band n77	100	19.28	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Left	1:1	2.230	19.78				
3750.00	650000	Low	NR Band n77	100	18.86	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Left	1:1	2.190	19.43				
3930.00	662000	High	NR Band n77	100	19.19	Ant F	Open	DFT-s-OFDM QPSK	135	0	0	Left	1:1	2.230	19.69				
3930.00	662000	High	NR Band n77	100	19.14	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Left	1:1	2.240	19.62				
3930.00	662000	High	NR Band n77	100	19.17	Ant F	Open	CP-OFDM QPSK	1	1	0	Left	1:1	2.540	19.10				
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Back	1:1	0.915	23.14	19.08			
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Back	1:1	0.889	23.16				
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Back	1:1	0.819	23.52				
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Front	1:1	0.909	23.16				
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Front	1:1	0.904	23.09				
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Front	1:1	1.010	22.61				
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Top	1:1	0.453	26.19				
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Top	1:1	0.444	26.18				
3500.01	633334	Mid	NR Band n77 DoD	100	18.77	Ant F	Open	DFT-s-OFDM QPSK	1	137	0	Left	1:1	2.080	19.57				
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	135	69	0	Left	1:1	2.060	19.51				
3500.01	633334	Mid	NR Band n77 DoD	100	18.67	Ant F	Open	DFT-s-OFDM QPSK	270	0	0	Left	1:1	2.110	19.41				
3500.01	633334	Mid	NR Band n77 DoD	100	18.66	Ant F	Open	CP-OFDM QPSK	1	1	0	Left	1:1	2.270	19.08				
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.467	24.00		24.00		
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.436	24.29				
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.047	33.97				
3930.00	662000	High	NR Band n77	100	16.71	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	0.268	26.41				
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.529	23.13	22.07			
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.654	22.21				
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.089	30.88				
3500.01	633334	Mid	NR Band n77 DoD	100	16.39	Ant I	Open	DFT-s-OFDM QPSK	1	1	0	Right	1:1	0.676	22.07				
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	1.950	17.96	17.96			
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.270	19.82				
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.318	25.84				
3930.00	662000	High	NR Band n77	100	16.88	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.814	21.75				
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	1.319	18.76	18.48			
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	1.407	18.48				
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Top	1:1	0.061	32.11				
3500.01	633334	Mid	NR Band n77 DoD	100	15.98	Ant E	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	1.180	19.24				
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.290	22.22	20.87			
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.264	22.62				
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1:1	0.030	32.07				
3930.00	662000	High	NR Band n77	100	12.86	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.395	20.87				
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Back	1:1	0.534	19.73	19.73			
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Front	1:1	0.473	20.26				
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Bottom	1:1	0.090	27.47				
3500.01	633334	Mid	NR Band n77 DoD	100	13.03	Ant C	Open	DFT-s-OFDM QPSK	1	1	0	Left	1:1	0.310	22.10				

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: A3LSMF711U	 <p>PCTEST Proud to be part of element</p>	PART 0 SAR CHAR REPORT	Approved by: Quality Manager
Test Dates: 04/08/21 - 06/03/21	DUT Type: Portable Handset		APPENDIX A: Page 38 of 38