

1 APPENDIX A1: SAR TEST RESULTS FOR P_{LIMIT} CALCULATIONS FLIP AND CLOSED

A1.1 Head Data

Table A1-1
DSI = 2 P_{Limit} Calculations – GSM 850 Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	DUT Configuration	Device Serial Number	# of Time Slots	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.											(W/kg)		
836.60	190	GSM 850	GSM	31.72	Right	Cheek	South	Flip	HR211	1	1:8.3	0.197	29.57	29.57
836.60	190	GSM 850	GSM	31.72	Right	Tilt	South	Flip	HR211	1	1:8.3	0.118	31.80	
836.60	190	GSM 850	GSM	31.72	Left	Cheek	South	Flip	HR211	1	1:8.3	0.142	31.00	
836.60	190	GSM 850	GSM	31.72	Left	Tilt	South	Flip	HR211	1	1:8.3	0.104	32.35	
836.60	190	GSM 850	GPRS	31.61	Right	Cheek	South	Flip	HR211	2	1:4.15	0.308	30.53	
836.60	190	GSM 850	GPRS	31.61	Right	Tilt	South	Flip	HR211	2	1:4.15	0.188	32.68	
836.60	190	GSM 850	GPRS	31.61	Left	Cheek	South	Flip	HR211	2	1:4.15	0.215	32.09	
836.60	190	GSM 850	GPRS	31.61	Left	Tilt	South	Flip	HR211	2	1:4.15	0.137	34.05	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram									

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

Table A1-2
DSI = 2 P_{Limit} Calculations – GSM 1900 Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	DUT Configuration	Device Serial Number	# of Time Slots	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
1909.80	810	GSM 1900	GSM	29.41	Right	Cheek	South	Flip	LM211	1	1:8.3	0.109	29.83	29.83
1909.80	810	GSM 1900	GSM	29.41	Right	Tilt	South	Flip	LM211	1	1:8.3	0.038	34.41	
1909.80	810	GSM 1900	GSM	29.41	Left	Cheek	South	Flip	LM211	1	1:8.3	0.074	31.52	
1909.80	810	GSM 1900	GSM	29.41	Left	Tilt	South	Flip	LM211	1	1:8.3	0.051	33.13	
1909.80	810	GSM 1900	GPRS	29.26	Right	Cheek	South	Flip	LM211	2	1:4.15	0.193	30.21	
1909.80	810	GSM 1900	GPRS	29.26	Right	Tilt	South	Flip	LM211	2	1:4.15	0.057	35.51	
1909.80	810	GSM 1900	GPRS	29.26	Left	Cheek	South	Flip	LM211	2	1:4.15	0.125	32.10	
1909.80	810	GSM 1900	GPRS	29.26	Left	Tilt	South	Flip	LM211	2	1:4.15	0.089	33.58	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram									

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

FCC ID: C3K1995	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 1 of 52		

Table A1-3
DSI = 2 P_{Limit} Calculations – UMTS 850 Head SAR

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	DUT Configuration	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
846.60	4233	UMTS 850	RMC	24.75	Right	Cheek	South	Flip	M0211	1:1	0.306	29.89	29.89
846.60	4233	UMTS 850	RMC	24.75	Right	Tilt	South	Flip	M0211	1:1	0.127	33.71	
846.60	4233	UMTS 850	RMC	24.75	Left	Cheek	South	Flip	M0211	1:1	0.246	30.84	
846.60	4233	UMTS 850	RMC	24.75	Left	Tilt	South	Flip	M0211	1:1	0.116	34.11	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram								

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

Table A1-4
DSI = 2 P_{Limit} Calculations – UMTS 1900 Head SAR

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	DUT Configuration	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
1880.00	9400	UMTS 1900	RMC	24.46	Right	Cheek	South	Flip	J2211	1:1	0.446	27.97	27.97
1880.00	9400	UMTS 1900	RMC	24.46	Right	Tilt	South	Flip	J2211	1:1	0.155	32.56	
1880.00	9400	UMTS 1900	RMC	24.46	Left	Cheek	South	Flip	J2211	1:1	0.266	30.21	
1880.00	9400	UMTS 1900	RMC	24.46	Left	Tilt	South	Flip	J2211	1:1	0.241	30.64	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Head 1.6 W/kg (mW/g) averaged over 1 gram								

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

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Table A1-5
DSI = 2 P_{Limit} Calculations – LTE Band 71 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.														(W/kg)			
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	Right	Cheek	South	QPSK	1	50	WZ212	1:1	0.179	31.79	31.79
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	Right	Cheek	South	QPSK	50	25	WZ212	1:1	0.143	32.15	
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	Right	Tilt	South	QPSK	1	50	WZ212	1:1	0.078	35.40	
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	Right	Tilt	South	QPSK	50	25	WZ212	1:1	0.061	35.85	
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	Left	Cheek	South	QPSK	1	50	WZ212	1:1	0.090	34.78	
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	Left	Cheek	South	QPSK	50	25	WZ212	1:1	0.070	35.25	
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	Left	Tilt	South	QPSK	1	50	WZ212	1:1	0.039	38.41	
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	Left	Tilt	South	QPSK	50	25	WZ212	1:1	0.039	37.79	22.48
680.50	133297	Mid	LTE Band 71	20	Flip	19.15	0	Right	Cheek	North	QPSK	1	99	LA211	1:1	0.250	25.17	
680.50	133297	Mid	LTE Band 71	20	Flip	19.12	0	Right	Cheek	North	QPSK	50	50	LA211	1:1	0.239	25.34	
680.50	133297	Mid	LTE Band 71	20	Flip	19.15	0	Right	Tilt	North	QPSK	1	99	LA211	1:1	0.203	26.08	
680.50	133297	Mid	LTE Band 71	20	Flip	19.12	0	Right	Tilt	North	QPSK	50	50	LA211	1:1	0.219	25.72	
680.50	133297	Mid	LTE Band 71	20	Flip	19.15	0	Left	Cheek	North	QPSK	1	99	LA211	1:1	0.465	22.48	
680.50	133297	Mid	LTE Band 71	20	Flip	19.12	0	Left	Cheek	North	QPSK	50	50	LA211	1:1	0.455	22.54	
680.50	133297	Mid	LTE Band 71	20	Flip	19.15	0	Left	Tilt	North	QPSK	1	99	LA211	1:1	0.311	24.22	22.48
680.50	133297	Mid	LTE Band 71	20	Flip	19.12	0	Left	Tilt	North	QPSK	50	50	LA211	1:1	0.346	23.73	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Head 1.6 W/kg (mW/g) averaged over 1 gram										

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

Table A1-6
DSI = 2 P_{Limit} Calculations – LTE Band 12 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	Right	Cheek	South	QPSK	1	25	WZ212	1:1	0.231	30.77	30.77
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	Right	Cheek	South	QPSK	25	0	WZ212	1:1	0.193	31.07	
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	Right	Tilt	South	QPSK	1	25	WZ212	1:1	0.121	33.58	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	Right	Tilt	South	QPSK	25	0	WZ212	1:1	0.101	33.89	
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	Left	Cheek	South	QPSK	1	25	WZ212	1:1	0.159	32.40	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	Left	Cheek	South	QPSK	25	0	WZ212	1:1	0.131	32.76	
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	Left	Tilt	South	QPSK	1	25	WZ212	1:1	0.088	34.97	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	Left	Tilt	South	QPSK	25	0	WZ212	1:1	0.068	35.60	20.49
707.50	23095	Mid	LTE Band 12	10	Flip	18.01	0	Right	Cheek	North	QPSK	1	25	H7211	1:1	0.242	24.17	
707.50	23095	Mid	LTE Band 12	10	Flip	18.06	0	Right	Cheek	North	QPSK	25	0	H7211	1:1	0.317	23.05	
707.50	23095	Mid	LTE Band 12	10	Flip	18.01	0	Right	Tilt	North	QPSK	1	25	H7211	1:1	0.203	24.94	
707.50	23095	Mid	LTE Band 12	10	Flip	18.06	0	Right	Tilt	North	QPSK	25	0	H7211	1:1	0.216	24.72	
707.50	23095	Mid	LTE Band 12	10	Flip	18.01	0	Left	Cheek	North	QPSK	1	25	H7211	1:1	0.457	21.41	
707.50	23095	Mid	LTE Band 12	10	Flip	18.06	0	Left	Cheek	North	QPSK	25	0	H7211	1:1	0.499	21.08	
707.50	23095	Mid	LTE Band 12	10	Flat	18.06	0	Left	Cheek	North	QPSK	25	0	H7211	1:1	0.571	20.49	20.49
707.50	23095	Mid	LTE Band 12	10	Flip	18.01	0	Left	Tilt	North	QPSK	1	25	H7211	1:1	0.314	23.04	
707.50	23095	Mid	LTE Band 12	10	Flip	18.06	0	Left	Tilt	North	QPSK	25	0	H7211	1:1	0.332	22.85	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram									

Note: Green entry represents Flat configuration measurement

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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Table A1-7
DSI = 2 P_{Limit} Calculations – LTE Band 13 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	Right	Cheek	South	QPSK	1	25	WZ212	1:1	0.262	30.25
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	Right	Cheek	South	QPSK	25	12	WZ212	1:1	0.215	30.26
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	Right	Tilt	South	QPSK	1	25	WZ212	1:1	0.144	32.85
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	Right	Tilt	South	QPSK	25	12	WZ212	1:1	0.116	32.94
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	Left	Cheek	South	QPSK	1	25	WZ212	1:1	0.177	31.95
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	Left	Cheek	South	QPSK	25	12	WZ212	1:1	0.140	32.12
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	Left	Tilt	South	QPSK	1	25	WZ212	1:1	0.109	34.06
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	Left	Tilt	South	QPSK	25	12	WZ212	1:1	0.087	34.18
782.00	23230	Mid	LTE Band 13	10	Flip	18.50	0	Right	Cheek	North	QPSK	1	0	L8211	1:1	0.414	22.33
782.00	23230	Mid	LTE Band 13	10	Flip	18.52	0	Right	Cheek	North	QPSK	25	12	L8211	1:1	0.437	22.12
782.00	23230	Mid	LTE Band 13	10	Flip	18.50	0	Right	Tilt	North	QPSK	1	0	L8211	1:1	0.318	23.48
782.00	23230	Mid	LTE Band 13	10	Flip	18.52	0	Right	Tilt	North	QPSK	25	12	L8211	1:1	0.330	23.33
782.00	23230	Mid	LTE Band 13	10	Flip	18.50	0	Left	Cheek	North	QPSK	1	0	L8211	1:1	0.730	19.87
782.00	23230	Mid	LTE Band 13	10	Flip	18.52	0	Left	Cheek	North	QPSK	25	12	L8211	1:1	0.752	19.76
782.00	23230	Mid	LTE Band 13	10	Flip	18.49	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.773	19.61
782.00	23230	Mid	LTE Band 13	10	Flat	18.49	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.853	19.18
782.00	23230	Mid	LTE Band 13	10	Flip	18.50	0	Left	Tilt	North	QPSK	1	0	L8211	1:1	0.503	21.48
782.00	23230	Mid	LTE Band 13	10	Flip	18.52	0	Left	Tilt	North	QPSK	25	12	L8211	1:1	0.534	21.24
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak										Head 1.6 W/kg (mW/g)							

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A1-8
DSI = 2 P_{Limit} Calculations – LTE Band 14 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	Right	Cheek	South	QPSK	1	0	WZ212	1:1	0.239	30.74
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	Right	Cheek	South	QPSK	25	0	WZ212	1:1	0.204	30.38
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	Right	Tilt	South	QPSK	1	0	WZ212	1:1	0.125	33.55
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	Right	Tilt	South	QPSK	25	0	WZ212	1:1	0.111	33.03
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	Left	Cheek	South	QPSK	1	0	WZ212	1:1	0.173	32.14
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	Left	Cheek	South	QPSK	25	0	WZ212	1:1	0.136	32.14
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	Left	Tilt	South	QPSK	1	0	WZ212	1:1	0.111	34.07
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	Left	Tilt	South	QPSK	25	0	WZ212	1:1	0.084	34.24
793.00	23330	Mid	LTE Band 14	10	Flip	18.13	0	Right	Cheek	North	QPSK	1	0	L8211	1:1	0.417	21.93
793.00	23330	Mid	LTE Band 14	10	Flip	18.11	0	Right	Cheek	North	QPSK	25	0	L8211	1:1	0.421	21.87
793.00	23330	Mid	LTE Band 14	10	Flip	18.13	0	Right	Tilt	North	QPSK	1	0	L8211	1:1	0.313	23.17
793.00	23330	Mid	LTE Band 14	10	Flip	18.11	0	Right	Tilt	North	QPSK	25	0	L8211	1:1	0.318	23.09
793.00	23330	Mid	LTE Band 14	10	Flip	18.13	0	Left	Cheek	North	QPSK	1	0	L8211	1:1	0.729	19.50
793.00	23330	Mid	LTE Band 14	10	Flip	18.11	0	Left	Cheek	North	QPSK	25	0	L8211	1:1	0.722	19.52
793.00	23330	Mid	LTE Band 14	10	Flip	18.09	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.756	19.30
793.00	23330	Mid	LTE Band 14	10	Flat	18.09	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.821	18.95
793.00	23330	Mid	LTE Band 14	10	Flip	18.13	0	Left	Tilt	North	QPSK	1	0	L8211	1:1	0.467	21.44
793.00	23330	Mid	LTE Band 14	10	Flip	18.11	0	Left	Tilt	North	QPSK	25	0	L8211	1:1	0.465	21.44
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population										Head 1.6 W/kg (mW/g) averaged over 1 gram							

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 4 of 52		

Table A1-9
DSI = 2 P_{Limit} Calculations – LTE Band 26 (Cell) Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	Right	Cheek	South	QPSK	1	74	M0211	1:1	0.277	29.92	29.92
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	Right	Cheek	South	QPSK	36	37	M0211	1:1	0.220	30.32	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	Right	Tilt	South	QPSK	1	74	M0211	1:1	0.128	33.27	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	Right	Tilt	South	QPSK	36	37	M0211	1:1	0.103	33.61	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	Left	Cheek	South	QPSK	1	74	M0211	1:1	0.184	31.69	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	Left	Cheek	South	QPSK	36	37	M0211	1:1	0.158	31.75	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	Left	Tilt	South	QPSK	1	74	M0211	1:1	0.085	35.05	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	Left	Tilt	South	QPSK	36	37	M0211	1:1	0.081	34.66	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.58	0	Right	Cheek	North	QPSK	1	0	H7211	1:1	0.395	21.61	19.01
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.69	0	Right	Cheek	North	QPSK	36	37	H7211	1:1	0.404	21.63	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.58	0	Right	Tilt	North	QPSK	1	0	H7211	1:1	0.296	22.87	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.69	0	Right	Tilt	North	QPSK	36	37	H7211	1:1	0.309	22.79	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.58	0	Left	Cheek	North	QPSK	1	0	H7211	1:1	0.633	19.57	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.69	0	Left	Cheek	North	QPSK	36	37	H7211	1:1	0.617	19.79	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.50	0	Left	Cheek	North	QPSK	75	0	H7211	1:1	0.629	19.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flat	17.50	0	Left	Cheek	North	QPSK	75	0	H7211	1:1	0.706	19.01	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.58	0	Left	Tilt	North	QPSK	1	0	H7211	1:1	0.391	21.66	19.01
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	17.69	0	Left	Tilt	North	QPSK	36	37	H7211	1:1	0.390	21.78	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Head										
Spatial Peak								1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population								averaged over 1 gram										

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A1-10
DSI = 2 P_{Limit} Calculations – LTE Band 5 (Cell) Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	Right	Cheek	South	QPSK	1	49	L3211	1:1	0.247	30.49	30.49
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	Right	Cheek	South	QPSK	25	25	L3211	1:1	0.193	30.77	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	Right	Tilt	South	QPSK	1	49	L3211	1:1	0.117	33.74	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	Right	Tilt	South	QPSK	25	25	L3211	1:1	0.098	33.72	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	Left	Cheek	South	QPSK	1	49	L3211	1:1	0.190	31.63	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	Left	Cheek	South	QPSK	25	25	L3211	1:1	0.142	32.11	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	Left	Tilt	South	QPSK	1	49	L3211	1:1	0.087	35.02	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	Left	Tilt	South	QPSK	25	25	L3211	1:1	0.064	35.57	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.70	0	Right	Cheek	North	QPSK	1	49	H7211	1:1	0.401	21.67	19.58
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.80	0	Right	Cheek	North	QPSK	25	25	H7211	1:1	0.420	21.57	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.70	0	Right	Tilt	North	QPSK	1	49	H7211	1:1	0.292	23.05	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.80	0	Right	Tilt	North	QPSK	25	25	H7211	1:1	0.313	22.84	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.70	0	Left	Cheek	North	QPSK	1	49	H7211	1:1	0.594	19.96	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.80	0	Left	Cheek	North	QPSK	25	25	H7211	1:1	0.634	19.78	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flat	17.80	0	Left	Cheek	North	QPSK	25	25	H7211	1:1	0.663	19.58	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.70	0	Left	Tilt	North	QPSK	1	49	H7211	1:1	0.432	21.35	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	17.80	0	Left	Tilt	North	QPSK	25	25	H7211	1:1	0.451	21.26	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Head										
Spatial Peak								1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population								averaged over 1 gram										

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

FCC ID: C3K1995	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 5 of 52		

Table A1-11
DSI = 2 P_{Limit} Calculations – LTE Band 66 (AWS) Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.90	0	Right	Cheek	South	QPSK	1	0	LE211	1:1	0.317	28.89	28.29
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.79	0	Right	Cheek	South	QPSK	1	99	LE211	1:1	0.355	28.29	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.25	1	Right	Cheek	South	QPSK	50	25	LE211	1:1	0.255	29.18	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.90	0	Right	Tilt	South	QPSK	1	0	LE211	1:1	0.092	34.26	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.25	1	Right	Tilt	South	QPSK	50	25	LE211	1:1	0.087	33.85	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.90	0	Left	Cheek	South	QPSK	1	0	LE211	1:1	0.141	32.41	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.25	1	Left	Cheek	South	QPSK	50	25	LE211	1:1	0.113	32.72	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.90	0	Left	Tilt	South	QPSK	1	0	LE211	1:1	0.128	32.83	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	23.25	1	Left	Tilt	South	QPSK	50	25	LE211	1:1	0.106	33.00	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.26	0	Right	Cheek	North	QPSK	1	99	H7211	1:1	0.146	19.62	14.17
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.25	0	Right	Cheek	North	QPSK	50	50	H7211	1:1	0.149	19.52	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.26	0	Right	Tilt	North	QPSK	1	99	H7211	1:1	0.134	19.99	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.25	0	Right	Tilt	North	QPSK	50	50	H7211	1:1	0.136	19.91	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.26	0	Left	Cheek	North	QPSK	1	99	H7211	1:1	0.431	14.92	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.25	0	Left	Cheek	North	QPSK	50	50	H7211	1:1	0.472	14.51	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	11.10	0	Left	Cheek	North	QPSK	50	50	H7211	1:1	0.484	14.25	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	11.09	0	Left	Cheek	North	QPSK	50	50	H7211	1:1	0.443	14.63	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flat	11.25	0	Left	Cheek	North	QPSK	50	50	H7211	1:1	0.501	14.25	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flat	11.10	0	Left	Cheek	North	QPSK	50	50	H7211	1:1	0.493	14.17	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flat	11.09	0	Left	Cheek	North	QPSK	50	50	H7211	1:1	0.474	14.33	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.26	0	Left	Tilt	North	QPSK	1	99	H7211	1:1	0.331	16.06	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	11.25	0	Left	Tilt	North	QPSK	50	50	H7211	1:1	0.337	15.97	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Head									
Spatial Peak									1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population									averaged over 1 gram									

Note: Green entries represent Flat configuration measurements
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by:
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset			Quality Manager
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Table A1-12
DSI = 2 P_{Limit} Calculations – LTE Band 25 (PCS) Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	24.36	0	Right	Cheek	South	QPSK	1	50	H5211	1:1	0.401	28.33	28.33
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	23.83	1	Right	Cheek	South	QPSK	50	25	H5211	1:1	0.335	28.58	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	24.36	0	Right	Tilt	South	QPSK	1	50	H5211	1:1	0.145	32.75	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	23.83	1	Right	Tilt	South	QPSK	50	25	H5211	1:1	0.118	33.11	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	24.36	0	Left	Cheek	South	QPSK	1	50	H5211	1:1	0.241	30.54	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	23.83	1	Left	Cheek	South	QPSK	50	25	H5211	1:1	0.200	30.82	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	24.36	0	Left	Tilt	South	QPSK	1	50	H5211	1:1	0.199	31.37	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	23.83	1	Left	Tilt	South	QPSK	50	25	H5211	1:1	0.167	31.60	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.08	0	Right	Cheek	North	QPSK	1	99	L8211	1:1	0.221	18.64	14.57
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.18	0	Right	Cheek	North	QPSK	50	0	L8211	1:1	0.224	18.68	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.08	0	Right	Tilt	North	QPSK	1	99	L8211	1:1	0.204	18.98	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.18	0	Right	Tilt	North	QPSK	50	0	L8211	1:1	0.188	19.44	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.08	0	Left	Cheek	North	QPSK	1	99	L8211	1:1	0.485	15.22	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	12.14	0	Left	Cheek	North	QPSK	50	50	L8211	1:1	0.572	14.57	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.18	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.498	15.21	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flip	12.06	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.529	14.83	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flat	12.14	0	Left	Cheek	North	QPSK	50	50	L8211	1:1	0.538	14.83	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flat	12.18	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.511	15.10	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flat	12.06	0	Left	Cheek	North	QPSK	50	0	L8211	1:1	0.525	14.86	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.08	0	Left	Tilt	North	QPSK	1	99	L8211	1:1	0.411	15.94	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	12.18	0	Left	Tilt	North	QPSK	50	0	L8211	1:1	0.415	16.00	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Head									
Spatial Peak									1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population									averaged over 1 gram									

Note: Green entries represent Flat configuration measurements
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 7 of 52		

Table A1-13
DSI = 2 P_{Limit} Calculations – LTE Band 30 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
2310.00	27710	Mid	LTE Band 30	10	Flip	22.57	0	Right	Cheek	South	QPSK	1	0	WZ212	1:1	0.254	28.52	28.52
2310.00	27710	Mid	LTE Band 30	10	Flip	21.71	1	Right	Cheek	South	QPSK	25	0	WZ212	1:1	0.207	28.55	
2310.00	27710	Mid	LTE Band 30	10	Flip	22.57	0	Right	Tilt	South	QPSK	1	0	WZ212	1:1	0.079	33.59	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.71	1	Right	Tilt	South	QPSK	25	0	WZ212	1:1	0.055	34.31	
2310.00	27710	Mid	LTE Band 30	10	Flip	22.57	0	Left	Cheek	South	QPSK	1	0	WZ212	1:1	0.120	31.78	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.71	1	Left	Cheek	South	QPSK	25	0	WZ212	1:1	0.093	32.03	
2310.00	27710	Mid	LTE Band 30	10	Flip	22.57	0	Left	Tilt	South	QPSK	1	0	WZ212	1:1	0.112	32.08	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.71	1	Left	Tilt	South	QPSK	25	0	WZ212	1:1	0.104	31.54	
2310.00	27710	Mid	LTE Band 30	10	Flip	14.21	0	Right	Cheek	North	QPSK	1	0	L8211	1:1	0.130	23.07	18.66
2310.00	27710	Mid	LTE Band 30	10	Flip	14.06	0	Right	Cheek	North	QPSK	25	12	L8211	1:1	0.131	22.89	
2310.00	27710	Mid	LTE Band 30	10	Flip	14.21	0	Right	Tilt	North	QPSK	1	0	L8211	1:1	0.091	24.62	
2310.00	27710	Mid	LTE Band 30	10	Flip	14.06	0	Right	Tilt	North	QPSK	25	12	L8211	1:1	0.091	24.47	
2310.00	27710	Mid	LTE Band 30	10	Flip	14.21	0	Left	Cheek	North	QPSK	1	0	L8211	1:1	0.338	18.92	
2310.00	27710	Mid	LTE Band 30	10	Flip	14.06	0	Left	Cheek	North	QPSK	25	12	L8211	1:1	0.347	18.66	
2310.00	27710	Mid	LTE Band 30	10	Flip	14.21	0	Left	Tilt	North	QPSK	1	0	L8211	1:1	0.252	20.20	
2310.00	27710	Mid	LTE Band 30	10	Flip	14.06	0	Left	Tilt	North	QPSK	25	12	L8211	1:1	0.259	19.93	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram									

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

Table A1-14
DSI = 2 P_{Limit} Calculations – LTE Band 7 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
2535.00	21100	Mid	LTE Band 7	20	Flip	24.33	0	Right	Cheek	South	QPSK	1	0	WZ212	1:1	0.280	29.86	29.43
2535.00	21100	Mid	LTE Band 7	20	Flip	23.46	1	Right	Cheek	South	QPSK	50	25	WZ212	1:1	0.253	29.43	
2535.00	21100	Mid	LTE Band 7	20	Flip	24.33	0	Right	Tilt	South	QPSK	1	0	WZ212	1:1	0.096	34.51	
2535.00	21100	Mid	LTE Band 7	20	Flip	23.46	1	Right	Tilt	South	QPSK	50	25	WZ212	1:1	0.096	33.64	
2535.00	21100	Mid	LTE Band 7	20	Flip	24.33	0	Left	Cheek	South	QPSK	1	0	WZ212	1:1	0.090	34.79	
2535.00	21100	Mid	LTE Band 7	20	Flip	23.46	1	Left	Cheek	South	QPSK	50	25	WZ212	1:1	0.076	34.65	
2535.00	21100	Mid	LTE Band 7	20	Flip	24.33	0	Left	Tilt	South	QPSK	1	0	WZ212	1:1	0.164	32.18	
2535.00	21100	Mid	LTE Band 7	20	Flip	23.46	1	Left	Tilt	South	QPSK	50	25	WZ212	1:1	0.118	32.74	
2535.00	21100	Mid	LTE Band 7	20	Flip	12.95	0	Right	Cheek	North	QPSK	1	50	LA211	1:1	0.149	21.22	15.86
2535.00	21100	Mid	LTE Band 7	20	Flip	12.81	0	Right	Cheek	North	QPSK	50	50	LA211	1:1	0.144	21.23	
2535.00	21100	Mid	LTE Band 7	20	Flip	12.95	0	Right	Tilt	North	QPSK	1	50	LA211	1:1	0.134	21.68	
2535.00	21100	Mid	LTE Band 7	20	Flip	12.81	0	Right	Tilt	North	QPSK	50	50	LA211	1:1	0.136	21.47	
2535.00	21100	Mid	LTE Band 7	20	Flip	12.95	0	Left	Cheek	North	QPSK	1	50	LA211	1:1	0.473	16.20	
2535.00	21100	Mid	LTE Band 7	20	Flip	12.81	0	Left	Cheek	North	QPSK	50	50	LA211	1:1	0.496	15.86	
2535.00	21100	Mid	LTE Band 7	20	Flip	12.95	0	Left	Tilt	North	QPSK	1	50	LA211	1:1	0.447	16.45	
2535.00	21100	Mid	LTE Band 7	20	Flip	12.81	0	Left	Tilt	North	QPSK	50	50	LA211	1:1	0.452	16.26	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Head									
Spatial Peak									1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population									averaged over 1 gram									

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 8 of 52		

Table A1-15
DSI = 2 P_{Limit} Calculations – LTE Band 48 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
3690.00	56640	High	LTE Band 48	20	Flip	22.67	0	Right	Cheek	South	QPSK	8	0	LM211	1:1.58	0.125	29.71	29.66
3690.00	56640	High	LTE Band 48	20	Flip	21.77	1	Right	Cheek	South	QPSK	50	25	LM211	1:1.58	0.103	29.66	
3690.00	56640	High	LTE Band 48	20	Flip	22.67	0	Right	Tilt	South	QPSK	8	0	LM211	1:1.58	0.033	35.50	
3690.00	56640	High	LTE Band 48	20	Flip	21.77	1	Right	Tilt	South	QPSK	50	25	LM211	1:1.58	0.029	35.16	
3690.00	56640	High	LTE Band 48	20	Flip	22.67	0	Left	Cheek	South	QPSK	8	0	LM211	1:1.58	0.056	33.20	
3690.00	56640	High	LTE Band 48	20	Flip	21.77	1	Left	Cheek	South	QPSK	50	25	LM211	1:1.58	0.051	32.71	
3690.00	56640	High	LTE Band 48	20	Flip	22.67	0	Left	Tilt	South	QPSK	8	0	LM211	1:1.58	0.041	34.56	
3690.00	56640	High	LTE Band 48	20	Flip	21.77	1	Left	Tilt	South	QPSK	50	25	LM211	1:1.58	0.029	35.16	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Head									
Spatial Peak									1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population									averaged over 1 gram									

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

For

Table A1-16
DSI = 2 P_{Limit} Calculations – LTE Band 41 Head SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Device Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.														(W/kg)			
2506.00	39750	Low	LTE Band 41	20	Flip	24.45	0	Right	Cheek	South	QPSK	1	0	WZ212	1:1.58	0.188	29.72	29.20
2506.00	39750	Low	LTE Band 41	20	Flip	24.37	0	Right	Cheek	South	QPSK	1	99	WZ212	1:1.58	0.176	29.93	
2506.00	39750	Low	LTE Band 41	20	Flip	23.69	1	Right	Cheek	South	QPSK	50	25	WZ212	1:1.58	0.178	29.20	
2506.00	39750	Low	LTE Band 41	20	Flip	25.29	0	Right	Cheek	South	QPSK	1	0	WZ212	1:2.31	0.141	N/A	
2506.00	39750	Low	LTE Band 41	20	Flip	24.45	0	Right	Tilt	South	QPSK	1	0	WZ212	1:1.58	0.058	34.83	
2506.00	39750	Low	LTE Band 41	20	Flip	23.69	1	Right	Tilt	South	QPSK	50	25	WZ212	1:1.58	0.057	34.15	
2506.00	39750	Low	LTE Band 41	20	Flip	24.45	0	Left	Cheek	South	QPSK	1	0	WZ212	1:1.58	0.061	34.61	
2506.00	39750	Low	LTE Band 41	20	Flip	23.69	1	Left	Cheek	South	QPSK	50	25	WZ212	1:1.58	0.043	35.37	
2506.00	39750	Low	LTE Band 41	20	Flip	24.45	0	Left	Tilt	South	QPSK	1	0	WZ212	1:1.58	0.103	32.34	
2506.00	39750	Low	LTE Band 41	20	Flip	23.69	1	Left	Tilt	South	QPSK	50	25	WZ212	1:1.58	0.096	31.88	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	13.95	0	Right	Cheek	North	QPSK	1	0	L8211	1:1.58	0.216	18.62	13.93
2636.50	41055	Mid-High	LTE Band 41	20	Flip	14.00	0	Right	Cheek	North	QPSK	50	0	L8211	1:1.58	0.219	18.61	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	13.95	0	Right	Tilt	North	QPSK	1	0	L8211	1:1.58	0.189	19.20	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	14.00	0	Right	Tilt	North	QPSK	50	0	L8211	1:1.58	0.192	19.18	
2506.00	39750	Low	LTE Band 41	20	Flip	13.58	0	Left	Cheek	North	QPSK	1	99	L8211	1:1.58	0.298	16.85	
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	13.55	0	Left	Cheek	North	QPSK	1	0	L8211	1:1.58	0.294	16.88	
2593.00	40620	Mid	LTE Band 41	20	Flip	13.85	0	Left	Cheek	North	QPSK	1	0	L8211	1:1.58	0.328	16.71	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	13.95	0	Left	Cheek	North	QPSK	1	0	L8211	1:1.58	0.636	13.93	
2680.00	41490	High	LTE Band 41	20	Flip	13.91	0	Left	Cheek	North	QPSK	1	99	L8211	1:1.58	0.560	14.44	
2506.00	39750	Low	LTE Band 41	20	Flip	13.64	0	Left	Cheek	North	QPSK	50	50	L8211	1:1.58	0.312	16.71	
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	13.74	0	Left	Cheek	North	QPSK	50	0	L8211	1:1.58	0.299	17.00	
2593.00	40620	Mid	LTE Band 41	20	Flip	13.82	0	Left	Cheek	North	QPSK	50	0	L8211	1:1.58	0.331	16.64	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	14.00	0	Left	Cheek	North	QPSK	50	0	L8211	1:1.58	0.642	13.94	
2680.00	41490	High	LTE Band 41	20	Flip	13.96	0	Left	Cheek	North	QPSK	50	0	L8211	1:1.58	0.588	14.28	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	13.93	0	Left	Cheek	North	QPSK	100	0	L8211	1:1.58	0.560	14.46	
2636.50	41055	Mid-High	LTE Band 41	20	Flat	13.95	0	Left	Cheek	North	QPSK	1	0	L8211	1:1.58	0.562	14.47	
2680.00	41490	High	LTE Band 41	20	Flat	13.96	0	Left	Cheek	North	QPSK	50	0	L8211	1:1.58	0.502	14.97	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	13.95	0	Left	Tilt	North	QPSK	1	0	L8211	1:1.58	0.448	15.45	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	14.00	0	Left	Tilt	North	QPSK	50	0	L8211	1:1.58	0.447	15.51	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Head										
Spatial Peak								1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population								averaged over 1 gram										

Note: Green entry represents Flat configuration measurement

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 9 of 52		

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Table A1-17
DSI = 2 P_{Limit} Calculations – NR Band n71 Head SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0	Right	Cheek	DFT-S-OFDM	QPSK	1	1	J2211	1:1	0.127	31.89	31.32
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0	Right	Cheek	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.139	31.32	
680.50	136100	Mid	NR Band n71	20	Flip	21.47	South	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	J2211	1:1	0.092	31.83	
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0	Right	Tilt	DFT-S-OFDM	QPSK	1	1	J2211	1:1	0.058	35.30	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0	Right	Tilt	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.064	34.69	
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0	Left	Cheek	DFT-S-OFDM	QPSK	1	1	J2211	1:1	0.066	34.73	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0	Left	Cheek	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.080	33.72	
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0	Left	Tilt	DFT-S-OFDM	QPSK	1	1	J2211	1:1	0.031	38.02	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0	Left	Tilt	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.037	37.07	19.56
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Right	Cheek	DFT-S-OFDM	QPSK	1	53	M1211	1:1	0.337	23.69	
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Right	Cheek	DFT-S-OFDM	QPSK	50	28	M1211	1:1	0.335	23.72	
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Right	Tilt	DFT-S-OFDM	QPSK	1	53	M1211	1:1	0.243	25.11	
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Right	Tilt	DFT-S-OFDM	QPSK	50	28	M1211	1:1	0.246	25.06	
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Left	Cheek	DFT-S-OFDM	QPSK	1	53	M1211	1:1	0.599	21.20	
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Left	Cheek	DFT-S-OFDM	QPSK	50	28	M1211	1:1	0.612	21.10	
680.50	136100	Mid	NR Band n71	20	Flip	18.76	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	M1211	1:1	0.704	20.28	
680.50	136100	Mid	NR Band n71	20	Flat	18.76	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	M1211	1:1	0.832	19.56	
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Left	Tilt	DFT-S-OFDM	QPSK	1	53	M1211	1:1	0.419	22.75	
680.50	136100	Mid	NR Band n71	20	Flip	18.97	North	0	Left	Tilt	DFT-S-OFDM	QPSK	50	28	M1211	1:1	0.422	22.72	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram										

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A1-18
DSI = 2 P_{Limit} Calculations – NR Band n5 (cell) Head SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	Right	Cheek	DFT-S-OFDM	QPSK	1	104	J2211	1:1	0.201	29.96	29.96
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	Right	Cheek	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.177	30.44	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	21.72	South	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	J2211	1:1	0.126	30.72	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	Right	Tilt	DFT-S-OFDM	QPSK	1	104	J2211	1:1	0.090	33.45	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	Right	Tilt	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.092	33.28	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	Left	Cheek	DFT-S-OFDM	QPSK	1	104	J2211	1:1	0.107	32.70	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	Left	Cheek	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.113	32.39	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	Left	Tilt	DFT-S-OFDM	QPSK	1	104	J2211	1:1	0.053	35.75	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	Left	Tilt	DFT-S-OFDM	QPSK	50	28	J2211	1:1	0.053	35.68	21.34
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.25	North	0	Right	Cheek	DFT-S-OFDM	QPSK	1	104	J6211	1:1	0.271	23.92	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.15	North	0	Right	Cheek	DFT-S-OFDM	QPSK	50	56	J6211	1:1	0.311	23.22	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.25	North	0	Right	Tilt	DFT-S-OFDM	QPSK	1	104	J6211	1:1	0.256	24.17	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.15	North	0	Right	Tilt	DFT-S-OFDM	QPSK	50	56	J6211	1:1	0.316	23.15	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.25	North	0	Left	Cheek	DFT-S-OFDM	QPSK	1	104	J6211	1:1	0.442	21.80	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.15	North	0	Left	Cheek	DFT-S-OFDM	QPSK	50	56	J6211	1:1	0.460	21.52	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.32	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	J6211	1:1	0.499	21.34	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.25	North	0	Left	Tilt	DFT-S-OFDM	QPSK	1	104	J6211	1:1	0.310	23.34	21.34
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	18.15	North	0	Left	Tilt	DFT-S-OFDM	QPSK	50	56	J6211	1:1	0.325	23.03	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram										

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

FCC ID: C3K1995	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 10 of 52		

Table A1-19
DSI = 2 P_{Limit} Calculations – NR Band n66 (AWS) Head SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Right	Cheek	DFT-S-OFDM	QPSK	1	1	JW211	1:1	0.220	29.04	28.15
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Right	Cheek	DFT-S-OFDM	QPSK	108	54	JW211	1:1	0.270	28.15	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	21.73	South	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	JW211	1:1	0.150	29.97	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Right	Tilt	DFT-S-OFDM	QPSK	1	1	JW211	1:1	0.050	35.47	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Right	Tilt	DFT-S-OFDM	QPSK	108	54	JW211	1:1	0.063	34.47	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Left	Cheek	DFT-S-OFDM	QPSK	1	1	JW211	1:1	0.087	33.06	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Left	Cheek	DFT-S-OFDM	QPSK	108	54	JW211	1:1	0.115	31.85	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Left	Tilt	DFT-S-OFDM	QPSK	1	1	JW211	1:1	0.081	33.38	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	22.46	South	0	Left	Tilt	DFT-S-OFDM	QPSK	108	54	JW211	1:1	0.087	33.06	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.80	North	0	Right	Cheek	DFT-S-OFDM	QPSK	1	108	H7211	1:1	0.196	18.88	13.82
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.76	North	0	Right	Cheek	DFT-S-OFDM	QPSK	108	54	H7211	1:1	0.207	18.60	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.80	North	0	Right	Tilt	DFT-S-OFDM	QPSK	1	108	H7211	1:1	0.176	19.34	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.76	North	0	Right	Tilt	DFT-S-OFDM	QPSK	108	54	H7211	1:1	0.184	19.11	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.80	North	0	Left	Cheek	DFT-S-OFDM	QPSK	1	108	H7211	1:1	0.587	14.11	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.76	North	0	Left	Cheek	DFT-S-OFDM	QPSK	108	54	H7211	1:1	0.593	14.03	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.45	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	H7211	1:1	0.579	13.82	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flat	11.45	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	H7211	1:1	0.572	13.88	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.80	North	0	Left	Tilt	DFT-S-OFDM	QPSK	1	108	H7211	1:1	0.461	15.16	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	11.76	North	0	Left	Tilt	DFT-S-OFDM	QPSK	108	54	H7211	1:1	0.454	15.19	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram										

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A1-20
DSI = 2 P_{Limit} Calculations – NR Band n25 (PCS) Head SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.39	South	0	Right	Cheek	DFT-S-OFDM	QPSK	1	108	WZ212	1:1	0.228	28.81	28.81
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.29	South	0	Right	Cheek	DFT-S-OFDM	QPSK	108	54	WZ212	1:1	0.212	29.03	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.00	South	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	WZ212	1:1	0.179	29.47	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.39	South	0	Right	Tilt	DFT-S-OFDM	QPSK	1	108	WZ212	1:1	0.062	34.47	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.29	South	0	Right	Tilt	DFT-S-OFDM	QPSK	108	54	WZ212	1:1	0.059	34.58	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.39	South	0	Left	Cheek	DFT-S-OFDM	QPSK	1	108	WZ212	1:1	0.122	31.53	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.29	South	0	Left	Cheek	DFT-S-OFDM	QPSK	108	54	WZ212	1:1	0.124	31.36	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.39	South	0	Left	Tilt	DFT-S-OFDM	QPSK	1	108	WZ212	1:1	0.097	32.52	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	22.29	South	0	Left	Tilt	DFT-S-OFDM	QPSK	108	54	WZ212	1:1	0.097	32.42	14.84
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.57	North	0	Right	Cheek	DFT-S-OFDM	QPSK	1	1	L8211	1:1	0.210	19.35	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.35	North	0	Right	Cheek	DFT-S-OFDM	QPSK	108	0	L8211	1:1	0.198	19.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.57	North	0	Right	Tilt	DFT-S-OFDM	QPSK	1	1	L8211	1:1	0.204	19.47	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.35	North	0	Right	Tilt	DFT-S-OFDM	QPSK	108	0	L8211	1:1	0.182	19.75	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.57	North	0	Left	Cheek	DFT-S-OFDM	QPSK	1	1	L8211	1:1	0.577	14.96	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.35	North	0	Left	Cheek	DFT-S-OFDM	QPSK	108	0	L8211	1:1	0.564	14.84	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.65	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	L8211	1:1	0.565	15.13	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flat	12.35	North	0	Left	Cheek	DFT-S-OFDM	QPSK	108	0	L8211	1:1	0.559	14.88	14.84
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.57	North	0	Left	Tilt	DFT-S-OFDM	QPSK	1	1	L8211	1:1	0.434	16.20	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	12.35	North	0	Left	Tilt	DFT-S-OFDM	QPSK	108	0	L8211	1:1	0.416	16.16	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram										

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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Table A1-21
DSI = 2 P_{Limit} Calculations – NR Band n41 Head SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Serial Number	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																	
2592.99	518598	Mid	NR Band n41	100	Flip	22.44	South	0	Right	Cheek	DFT-S-OFDM	QPSK	1	137	HR211	1.1	0.323	27.35	27.35
2592.99	518598	Mid	NR Band n41	100	Flip	22.45	South	0	Right	Cheek	DFT-S-OFDM	QPSK	135	69	HR211	1.1	0.286	27.89	
2592.99	518598	Mid	NR Band n41	100	Flip	21.77	South	1.5	Right	Cheek	CP-OFDM	QPSK	1	1	HR211	1.1	0.161	29.70	
2592.99	518598	Mid	NR Band n41	100	Flip	22.44	South	0	Right	Tilt	DFT-S-OFDM	QPSK	1	137	HR211	1.1	0.082	33.30	
2592.99	518598	Mid	NR Band n41	100	Flip	22.45	South	0	Right	Tilt	DFT-S-OFDM	QPSK	135	69	HR211	1.1	0.085	33.16	
2592.99	518598	Mid	NR Band n41	100	Flip	22.44	South	0	Left	Cheek	DFT-S-OFDM	QPSK	1	137	HR211	1.1	0.069	34.05	
2592.99	518598	Mid	NR Band n41	100	Flip	22.45	South	0	Left	Cheek	DFT-S-OFDM	QPSK	135	69	HR211	1.1	0.081	33.37	
2592.99	518598	Mid	NR Band n41	100	Flip	22.44	South	0	Left	Tilt	DFT-S-OFDM	QPSK	1	137	HR211	1.1	0.140	30.98	
2592.99	518598	Mid	NR Band n41	100	Flip	22.45	South	0	Left	Tilt	DFT-S-OFDM	QPSK	135	69	HR211	1.1	0.126	31.45	14.49
2592.99	518598	Mid	NR Band n41	100	Flip	11.89	North	0	Right	Cheek	DFT-S-OFDM	QPSK	1	137	M1211	1.1	0.161	19.82	
2592.99	518598	Mid	NR Band n41	100	Flip	11.78	North	0	Right	Cheek	DFT-S-OFDM	QPSK	135	69	M1211	1.1	0.127	20.74	
2592.99	518598	Mid	NR Band n41	100	Flip	11.89	North	0	Right	Tilt	DFT-S-OFDM	QPSK	1	137	M1211	1.1	0.173	19.51	
2592.99	518598	Mid	NR Band n41	100	Flip	11.78	North	0	Right	Tilt	DFT-S-OFDM	QPSK	135	69	M1211	1.1	0.143	20.23	
2592.99	518598	Mid	NR Band n41	100	Flip	11.89	North	0	Left	Cheek	DFT-S-OFDM	QPSK	1	137	M1211	1.1	0.425	15.61	
2592.99	518598	Mid	NR Band n41	100	Flip	11.78	North	0	Left	Cheek	DFT-S-OFDM	QPSK	135	69	M1211	1.1	0.390	15.87	
2592.99	518598	Mid	NR Band n41	100	Flip	11.71	North	0	Left	Cheek	DFT-S-OFDM	QPSK	270	0	M1211	1.1	0.474	14.95	
2592.99	518598	Mid	NR Band n41	100	Flip	11.32	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	M1211	1.1	0.482	14.49	
2592.99	518598	Mid	NR Band n41	100	Flat	11.32	North	0	Left	Cheek	CP-OFDM	QPSK	1	1	M1211	1.1	0.409	15.20	
2592.99	518598	Mid	NR Band n41	100	Flip	11.89	North	0	Left	Tilt	DFT-S-OFDM	QPSK	1	137	M1211	1.1	0.379	16.10	
2592.99	518598	Mid	NR Band n41	100	Flip	11.78	North	0	Left	Tilt	DFT-S-OFDM	QPSK	135	69	M1211	1.1	0.368	16.12	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Head 1.6 W/kg (mW/g) averaged over 1 gram										

Note: Green entry represents Flat configuration measurement
For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

A1.4 Body-Worn Data

Table A1-22
DSI = 4 P_{Limit} Calculations – GSM Flip Configuration Body-Worn SAR Data

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Service	Conducted Power [dBm]	Position	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	# of Time Slots	Duty Cycle	Side	SAR (1g)	Scaling Factor	Reported SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		(W/kg)		
836.60	190	GSM850	GSM	31.72	Body	10 mm	South	Flip	J2211	1	1.8.3	back	0.148	1.507	0.223	30.82	25.82
824.20	128	GSM850	GSM	31.69	Body	10 mm	South	Flip	J2211	1	1.8.3	front	0.413	1.517	0.627	26.33	
836.60	190	GSM850	GSM	31.72	Body	10 mm	South	Flip	J2211	1	1.8.3	front	0.468	1.507	0.705	25.82	
848.80	251	GSM850	GSM	31.57	Body	10 mm	South	Flip	J2211	1	1.8.3	front	0.428	1.560	0.668	26.05	
836.60	190	GSM850	GPRS	31.60	Body	10 mm	South	Flip	J2211	2	1.4.15	back	0.249	1.096	0.273	31.45	
824.20	128	GSM850	GPRS	31.40	Body	10 mm	South	Flip	J2211	2	1.4.15	front	0.767	1.148	0.881	26.36	
836.60	190	GSM850	GPRS	31.60	Body	10 mm	South	Flip	J2211	2	1.4.15	front	0.800	1.096	0.877	26.38	
848.80	251	GSM850	GPRS	31.51	Body	10 mm	South	Flip	J2211	2	1.4.15	front	0.815	1.119	0.912	26.21	
1909.80	810	GSM1900	GSM	29.41	Body	10 mm	South	Flip	H7211	1	1.8.3	back	0.155	1.285	0.199	28.31	22.39
1909.80	810	GSM1900	GSM	29.41	Body	10 mm	South	Flip	H7211	1	1.8.3	front	0.059	1.285	0.076	32.50	
1880.00	661	GSM1900	GPRS	26.65	Body	10 mm	South	Flip	KS211	2	1.4.15	back	0.152	1.303	0.198	28.64	
1850.20	512	GSM1900	GPRS	26.32	Body	10 mm	South	Flip	KS211	2	1.4.15	front	0.483	1.406	0.679	23.29	
1880.00	661	GSM1900	GPRS	26.65	Body	10 mm	South	Flip	KS211	2	1.4.15	front	0.641	1.303	0.835	22.39	
1909.80	810	GSM1900	GPRS	26.62	Body	10 mm	South	Flip	KS211	2	1.4.15	front	0.502	1.312	0.659	23.42	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

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Table A1-23
DSI = 4 P_{Limit} Calculations – GSM Closed Configuration Body-Worn SAR Data

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	# of Time Slots	Duty Cycle	Side	SAR (1g)	Plimit it	Overall Plimit
MHz	Ch.											(W/kg)		
836.60	190	GSM 850	GSM	31.72	10 mm	South	Closed	J2211	1	1:8.3	back	0.271	28.19	27.93
836.60	190	GSM 850	GSM	31.72	10 mm	South	Closed	J2211	1	1:8.3	front	0.218	29.13	
824.20	128	GSM 850	GPRS	31.40	10 mm	South	Closed	J2211	2	1:4.15	back	0.382	29.39	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Closed	J2211	2	1:4.15	back	0.559	27.93	
848.80	251	GSM 850	GPRS	31.51	10 mm	South	Closed	J2211	2	1:4.15	back	0.432	28.96	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Closed	J2211	2	1:4.15	front	0.366	29.77	
1909.80	810	GSM 1900	GSM	29.41	10 mm	South	Closed	WZ212	1	1:8.3	back	0.295	25.51	21.48
1909.80	810	GSM 1900	GSM	29.41	10 mm	South	Closed	WZ212	1	1:8.3	front	0.134	28.94	
1850.20	512	GSM 1900	GPRS	26.32	10 mm	South	Closed	KS211	2	1:4.15	back	0.732	21.48	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Closed	KS211	2	1:4.15	back	0.571	22.89	
1909.80	810	GSM 1900	GPRS	26.62	10 mm	South	Closed	KS211	2	1:4.15	back	0.359	24.88	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Closed	KS211	2	1:4.15	front	0.148	28.76	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram									

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

Table A1-24
DSI = 4 P_{Limit} Calculations – UMTS Flip Configuration Body-Worn SAR Data

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Conducted Power [dBm]	Position	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
846.60	4233	UMTS 850	RMC	24.75	Body	10 mm	South	Flip	LA211	1:1	back	0.237	31.00	25.74
826.40	4132	UMTS 850	RMC	24.49	Body	10 mm	South	Flip	LA211	1:1	front	0.737	25.82	
836.60	4183	UMTS 850	RMC	24.68	Body	10 mm	South	Flip	LA211	1:1	front	0.784	25.74	
846.60	4233	UMTS 850	RMC	24.75	Body	10 mm	South	Flip	LA211	1:1	front	0.742	26.05	
1880.00	9400	UMTS 1900	RMC	20.55	Body	10 mm	South	Flip	GH211	1:1	back	0.072	31.98	25.47
1880.00	9400	UMTS 1900	RMC	20.55	Body	10 mm	South	Flip	GH211	1:1	front	0.322	25.47	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

Table A1-25
DSI = 4 P_{Limit} Calculations – UMTS Closed Configuration Body-Worn SAR Data

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
826.40	4132	UMTS 850	RMC	24.49	10 mm	South	Closed	GH211	1:1	back	0.523	27.30	27.03
836.60	4183	UMTS 850	RMC	24.68	10 mm	South	Closed	GH211	1:1	back	0.579	27.05	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Closed	GH211	1:1	back	0.592	27.03	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Closed	GH211	1:1	front	0.302	29.95	
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Closed	GH211	1:1	back	0.289	25.94	25.94
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Closed	GH211	1:1	front	0.062	32.63	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

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Table A1-26
DSI = 4 P_{Limit} Calculations – LTE Flip Configuration Body-Worn SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (lg)		Plim it	Overall Plim
MHz	Ch.														(W/kg)			
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	South	KF211	QPSK	1	50	10 mm	back	1.1	0.197	31.38	27.19
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	South	KF211	QPSK	50	25	10 mm	back	1.1	0.159	31.69	
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	South	KF211	QPSK	1	50	10 mm	front	1.1	0.516	27.19	
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	South	KF211	QPSK	50	25	10 mm	front	1.1	0.440	27.27	27.08
680.50	133297	Mid	LTE Band 71	20	Flip	24.90	0	North	LR211	QPSK	1	50	10 mm	back	1.1	0.207	31.74	
680.50	133297	Mid	LTE Band 71	20	Flip	24.14	1	North	LR211	QPSK	50	50	10 mm	back	1.1	0.160	32.10	
680.50	133297	Mid	LTE Band 71	20	Flip	24.90	0	North	LR211	QPSK	1	50	10 mm	front	1.1	0.606	27.08	26.13
680.50	133297	Mid	LTE Band 71	20	Flip	24.14	1	North	LR211	QPSK	50	50	10 mm	front	1.1	0.471	27.41	
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	South	KF211	QPSK	1	25	10 mm	back	1.1	0.203	31.34	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	South	KF211	QPSK	25	0	10 mm	back	1.1	0.178	31.43	27.72
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	South	KF211	QPSK	1	25	10 mm	front	1.1	0.579	26.78	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	South	KF211	QPSK	25	0	10 mm	front	1.1	0.488	27.05	
707.50	23095	Mid	LTE Band 12	10	Flip	24.95	0	North	GL211	QPSK	1	0	10 mm	back	1.1	0.160	32.91	25.80
707.50	23095	Mid	LTE Band 12	10	Flip	24.16	1	North	GL211	QPSK	25	0	10 mm	back	1.1	0.140	32.70	
707.50	23095	Mid	LTE Band 12	10	Flip	24.95	0	North	GL211	QPSK	1	0	10 mm	front	1.1	0.501	27.95	
707.50	23095	Mid	LTE Band 12	10	Flip	24.16	1	North	GL211	QPSK	25	0	10 mm	front	1.1	0.441	27.72	26.08
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	South	KF211	QPSK	1	25	10 mm	back	1.1	0.229	30.83	
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	South	KF211	QPSK	25	12	10 mm	back	1.1	0.185	30.91	
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	South	KF211	QPSK	1	25	10 mm	front	1.1	0.708	25.93	26.04
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	South	KF211	QPSK	25	12	10 mm	front	1.1	0.558	26.11	
782.00	23230	Mid	LTE Band 13	10	Flip	23.56	1	South	KF211	QPSK	50	0	10 mm	front	1.1	0.587	25.80	
782.00	23230	Mid	LTE Band 13	10	Flip	24.64	0	North	LR211	QPSK	1	0	10 mm	back	1.1	0.242	30.80	26.99
782.00	23230	Mid	LTE Band 13	10	Flip	24.05	1	North	LR211	QPSK	25	0	10 mm	back	1.1	0.212	30.79	
782.00	23230	Mid	LTE Band 13	10	Flip	24.64	0	North	LR211	QPSK	1	0	10 mm	front	1.1	0.682	26.30	
782.00	23230	Mid	LTE Band 13	10	Flip	24.05	1	North	LR211	QPSK	25	0	10 mm	front	1.1	0.627	26.08	26.04
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	South	LR211	QPSK	1	0	10 mm	back	1.1	0.254	30.47	
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	South	LR211	QPSK	25	0	10 mm	back	1.1	0.554	26.04	
793.00	23330	Mid	LTE Band 14	10	Flip	23.47	1	South	LR211	QPSK	50	0	10 mm	front	1.1	0.537	26.17	26.09
793.00	23330	Mid	LTE Band 14	10	Flip	24.66	0	North	J3211	QPSK	1	0	10 mm	back	1.1	0.192	31.83	
793.00	23330	Mid	LTE Band 14	10	Flip	23.96	1	North	J3211	QPSK	25	0	10 mm	back	1.1	0.171	31.63	
793.00	23330	Mid	LTE Band 14	10	Flip	24.66	0	North	J3211	QPSK	1	0	10 mm	front	1.1	0.585	26.99	26.09
793.00	23330	Mid	LTE Band 14	10	Flip	23.96	1	North	J3211	QPSK	25	0	10 mm	front	1.1	0.487	27.08	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	South	MO211	QPSK	1	74	10 mm	back	1.1	0.268	30.06	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	South	MO211	QPSK	36	37	10 mm	back	1.1	0.219	30.34	26.09
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	South	MO211	QPSK	1	74	10 mm	front	1.1	0.799	25.31	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	South	MO211	QPSK	36	37	10 mm	front	1.1	0.665	25.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.65	1	South	MO211	QPSK	75	0	10 mm	front	1.1	0.620	25.73	26.09
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.29	0	North	L7211	QPSK	1	74	10 mm	back	1.1	0.222	30.83	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.88	1	North	L7211	QPSK	36	37	10 mm	back	1.1	0.184	31.23	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.29	0	North	L7211	QPSK	1	74	10 mm	front	1.1	0.660	26.09	23.04
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.81	1	North	L7211	QPSK	75	0	10 mm	front	1.1	0.540	26.49	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.92	0	South	JW211	QPSK	1	99	10 mm	back	1.1	0.159	28.91	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.95	0	South	JW211	QPSK	50	0	10 mm	back	1.1	0.150	29.19	20.18
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.92	0	South	JW211	QPSK	1	99	10 mm	front	1.1	0.572	23.35	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	20.81	0	South	JW211	QPSK	1	99	10 mm	front	1.1	0.599	23.04	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flip	20.66	0	South	JW211	QPSK	1	50	10 mm	front	1.1	0.554	23.22	24.45
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.95	0	South	JW211	QPSK	50	0	10 mm	front	1.1	0.498	23.98	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.46	0	North	JW211	QPSK	1	99	10 mm	back	1.1	0.128	27.39	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.61	0	North	JW211	QPSK	50	50	10 mm	back	1.1	0.147	26.94	25.76
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	18.43	0	North	JW211	QPSK	1	99	10 mm	front	1.1	0.668	20.18	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.46	0	North	JW211	QPSK	1	99	10 mm	front	1.1	0.578	20.84	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flip	18.34	0	North	JW211	QPSK	1	0	10 mm	front	1.1	0.533	21.07	24.45
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.61	0	North	JW211	QPSK	50	50	10 mm	front	1.1	0.577	21.00	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flip	18.54	0	North	JW211	QPSK	100	0	10 mm	front	1.1	0.603	20.74	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.88	0	South	YT212	QPSK	1	0	10 mm	back	1.1	0.102	31.79	25.76
2310.00	27710	Mid	LTE Band 30	10	Flip	21.90	0	South	YT212	QPSK	25	12	10 mm	back	1.1	0.106	31.65	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.88	0	South	YT212	QPSK	1	0	10 mm	front	1.1	0.553	24.45	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.90	0	South	YT212	QPSK	25	12	10 mm	front	1.1	0.527	24.68	25.76
2310.00	27710	Mid	LTE Band 30	10	Flip	21.67	0	North	YT212	QPSK	1	0	10 mm	back	1.1	0.029	37.05	
2310.00	27710	Mid	LTE Band 30	10	Flip	20.73	1	North	YT212	QPSK	25	12	10 mm	back	1.1	0.026	36.58	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.67	0	North	YT212	QPSK	1	0	10 mm	front	1.1	0.381	25.86	25.76
2310.00	27710	Mid	LTE Band 30	10	Flip	20.73	1	North	YT212	QPSK	25	12	10 mm	front	1.1	0.314	25.76	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Body									
Spatial Peak									1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population									averaged over 1 gram									

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT 	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021 © 2020 PCTEST	DUT Type: Portable Handset	APPENDIX A1: Page 14 of 52

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Table A1-27
DSI = 4 P_{Limit} Calculations – LTE Closed Configuration Body-Worn SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR [μg] (W/kg)		Plim it	Overall Plim it
MHz	Ch.																	
680.50	133297	Mid	LTE Band 71	20	Closed	24.32	0	South	KF211	QPSK	1	50	10 mm	back	1:1	0.434	27.95	27.95
680.50	133297	Mid	LTE Band 71	20	Closed	23.70	1	South	KF211	QPSK	50	25	10 mm	back	1:1	0.350	28.26	
680.50	133297	Mid	LTE Band 71	20	Closed	24.32	0	South	KF211	QPSK	1	50	10 mm	front	1:1	0.154	32.44	
680.50	133297	Mid	LTE Band 71	20	Closed	23.70	1	South	KF211	QPSK	50	25	10 mm	front	1:1	0.126	32.70	
680.50	133297	Mid	LTE Band 71	20	Closed	24.90	0	North	LR211	QPSK	1	50	10 mm	back	1:1	0.378	29.13	29.13
680.50	133297	Mid	LTE Band 71	20	Closed	24.14	1	North	LR211	QPSK	50	50	10 mm	back	1:1	0.296	29.44	
680.50	133297	Mid	LTE Band 71	20	Closed	24.90	0	North	LR211	QPSK	1	50	10 mm	front	1:1	0.155	33.00	
680.50	133297	Mid	LTE Band 71	20	Closed	24.14	1	North	LR211	QPSK	50	50	10 mm	front	1:1	0.129	33.03	
707.50	23095	Mid	LTE Band 12	10	Closed	24.41	0	South	KF211	QPSK	1	25	10 mm	back	1:1	0.336	29.15	29.15
707.50	23095	Mid	LTE Band 12	10	Closed	23.93	1	South	KF211	QPSK	25	0	10 mm	back	1:1	0.293	29.26	
707.50	23095	Mid	LTE Band 12	10	Closed	24.41	0	South	KF211	QPSK	1	25	10 mm	front	1:1	0.149	32.68	
707.50	23095	Mid	LTE Band 12	10	Closed	23.93	1	South	KF211	QPSK	25	0	10 mm	front	1:1	0.126	32.93	
707.50	23095	Mid	LTE Band 12	10	Closed	24.95	0	North	50446	QPSK	1	0	10 mm	back	1:1	0.490	28.05	27.39
707.50	23095	Mid	LTE Band 12	10	Closed	24.16	1	North	50446	QPSK	25	0	10 mm	back	1:1	0.475	27.39	
707.50	23095	Mid	LTE Band 12	10	Closed	24.95	0	North	50446	QPSK	1	0	10 mm	front	1:1	0.218	31.57	
707.50	23095	Mid	LTE Band 12	10	Closed	24.16	1	North	50446	QPSK	25	0	10 mm	front	1:1	0.208	30.98	
782.00	23230	Mid	LTE Band 13	10	Closed	24.43	0	South	LR211	QPSK	1	25	10 mm	back	1:1	0.550	27.03	26.87
782.00	23230	Mid	LTE Band 13	10	Closed	23.58	1	South	LR211	QPSK	25	12	10 mm	back	1:1	0.469	26.87	
782.00	23230	Mid	LTE Band 13	10	Closed	24.43	0	South	LR211	QPSK	1	25	10 mm	front	1:1	0.289	29.82	
782.00	23230	Mid	LTE Band 13	10	Closed	23.58	1	South	LR211	QPSK	25	12	10 mm	front	1:1	0.239	29.80	
782.00	23230	Mid	LTE Band 13	10	Closed	24.64	0	North	LR211	QPSK	1	0	10 mm	back	1:1	0.557	27.18	26.61
782.00	23230	Mid	LTE Band 13	10	Closed	24.05	1	North	LR211	QPSK	25	0	10 mm	back	1:1	0.554	26.61	
782.00	23230	Mid	LTE Band 13	10	Closed	24.64	0	North	LR211	QPSK	1	0	10 mm	front	1:1	0.316	29.64	
782.00	23230	Mid	LTE Band 13	10	Closed	24.05	1	North	LR211	QPSK	25	0	10 mm	front	1:1	0.308	29.16	
793.00	23330	Mid	LTE Band 14	10	Closed	24.52	0	South	LR211	QPSK	1	0	10 mm	back	1:1	0.529	27.29	27.29
793.00	23330	Mid	LTE Band 14	10	Closed	23.48	1	South	LR211	QPSK	25	0	10 mm	back	1:1	0.416	27.29	
793.00	23330	Mid	LTE Band 14	10	Closed	24.52	0	South	LR211	QPSK	1	0	10 mm	front	1:1	0.312	29.58	
793.00	23330	Mid	LTE Band 14	10	Closed	23.48	1	South	LR211	QPSK	25	0	10 mm	front	1:1	0.239	29.70	
793.00	23330	Mid	LTE Band 14	10	Closed	24.66	0	North	LR211	QPSK	1	0	10 mm	back	1:1	0.725	26.06	26.06
793.00	23330	Mid	LTE Band 14	10	Closed	23.96	1	North	LR211	QPSK	25	0	10 mm	back	1:1	0.580	26.33	
793.00	23330	Mid	LTE Band 14	10	Closed	23.93	1	North	LR211	QPSK	50	0	10 mm	back	1:1	0.590	26.22	
793.00	23330	Mid	LTE Band 14	10	Closed	24.66	0	North	LR211	QPSK	1	0	10 mm	front	1:1	0.395	28.69	
793.00	23330	Mid	LTE Band 14	10	Closed	23.96	1	North	LR211	QPSK	25	0	10 mm	front	1:1	0.319	28.92	27.04
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.34	0	South	MO211	QPSK	1	74	10 mm	back	1:1	0.537	27.04	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.74	1	South	MO211	QPSK	36	37	10 mm	back	1:1	0.453	27.18	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.34	0	South	MO211	QPSK	1	74	10 mm	front	1:1	0.314	29.37	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.74	1	South	MO211	QPSK	36	37	10 mm	front	1:1	0.265	29.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.29	0	North	L7211	QPSK	1	74	10 mm	back	1:1	0.424	26.02	28.02
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.88	1	North	L7211	QPSK	36	37	10 mm	back	1:1	0.376	28.13	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.29	0	North	L7211	QPSK	1	74	10 mm	front	1:1	0.297	29.56	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.88	1	North	L7211	QPSK	36	37	10 mm	front	1:1	0.259	29.75	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.92	0	South	JW211	QPSK	1	99	10 mm	back	1:1	0.622	22.98	22.30
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.95	0	South	JW211	QPSK	50	0	10 mm	back	1:1	0.732	22.30	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	20.86	0	South	JW211	QPSK	50	25	10 mm	back	1:1	0.566	23.33	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	20.86	0	South	JW211	QPSK	50	0	10 mm	back	1:1	0.461	24.22	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	20.82	0	South	JW211	QPSK	100	0	10 mm	back	1:1	0.455	24.24	20.31
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.92	0	South	JW211	QPSK	1	99	10 mm	front	1:1	0.126	29.92	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.95	0	South	JW211	QPSK	50	0	10 mm	front	1:1	0.153	29.10	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	18.43	0	North	JW211	QPSK	1	99	10 mm	back	1:1	0.599	20.66	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.46	0	North	JW211	QPSK	1	99	10 mm	back	1:1	0.611	20.60	20.31
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.34	0	North	JW211	QPSK	1	0	10 mm	back	1:1	0.631	20.34	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	18.49	0	North	JW211	QPSK	50	25	10 mm	back	1:1	0.644	20.40	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.61	0	North	JW211	QPSK	50	50	10 mm	back	1:1	0.639	20.56	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.49	0	North	JW211	QPSK	50	0	10 mm	back	1:1	0.657	20.31	24.82
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.54	0	North	JW211	QPSK	100	0	10 mm	back	1:1	0.661	20.34	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.46	0	North	JW211	QPSK	1	99	10 mm	front	1:1	0.181	25.88	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.61	0	North	JW211	QPSK	50	50	10 mm	front	1:1	0.189	25.85	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.88	0	South	LT211	QPSK	1	0	10 mm	back	1:1	0.489	24.99	24.82
2310.00	27710	Mid	LTE Band 30	10	Closed	21.90	0	South	LT211	QPSK	25	12	10 mm	back	1:1	0.511	24.82	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.88	0	South	LT211	QPSK	1	0	10 mm	front	1:1	0.258	27.76	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.90	0	South	LT211	QPSK	25	12	10 mm	front	1:1	0.259	27.77	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.67	0	North	YT212	QPSK	1	0	10 mm	back	1:1	0.523	24.48	24.26
2310.00	27710	Mid	LTE Band 30	10	Closed	20.73	1	North	YT212	QPSK	25	12	10 mm	back	1:1	0.444	24.26	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.67	0	North	YT212	QPSK	1	0	10 mm	front	1:1	0.134	30.40	
2310.00	27710	Mid	LTE Band 30	10	Closed	20.73	1	North	YT212	QPSK	25	12	10 mm	front	1:1	0.109	30.36	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT									Body									
Spatial Peak									1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population									averaged over 1 gram									

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset			APPENDIX A1: Page 15 of 52

Table A1-28

DSI = 4 P_{Limit} Calculations – LTE modes with ULCA support Flip Configuration Body-Worn SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.														(W/kg)			
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	South	JJ211	QPSK	1	49	10 mm	back	1:1	0.261	30.25	25.61
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	South	JJ211	QPSK	25	25	10 mm	back	1:1	0.212	30.37	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	South	JJ211	QPSK	1	49	10 mm	front	1:1	0.760	25.61	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	South	JJ211	QPSK	25	25	10 mm	front	1:1	0.625	25.67	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.60	1	South	JJ211	QPSK	50	0	10 mm	front	1:1	0.612	25.73	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.57	0	North	L7211	QPSK	1	49	10 mm	back	1:1	0.235	30.86	25.83
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.00	1	North	L7211	QPSK	25	25	10 mm	back	1:1	0.195	31.10	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.57	0	North	L7211	QPSK	1	49	10 mm	front	1:1	0.732	25.92	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.00	1	North	L7211	QPSK	25	25	10 mm	front	1:1	0.600	26.22	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.89	1	North	L7211	QPSK	50	0	10 mm	front	1:1	0.640	25.83	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.65	0	South	KS211	QPSK	1	0	10 mm	back	1:1	0.106	27.40	19.48
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.51	0	South	KS211	QPSK	50	25	10 mm	back	1:1	0.114	26.94	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.65	0	South	KS211	QPSK	1	0	10 mm	front	1:1	0.564	20.14	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.51	0	South	KS211	QPSK	50	25	10 mm	front	1:1	0.635	19.48	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.49	0	South	KS211	QPSK	50	50	10 mm	front	1:1	0.633	19.48	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.50	0	South	KS211	QPSK	50	50	10 mm	front	1:1	0.517	20.37	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	17.49	0	South	KS211	QPSK	50	50	10 mm	front	1:1	0.430	21.16	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.47	0	North	HG211	QPSK	1	0	10 mm	back	1:1	0.101	27.43	19.22
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.48	0	North	HG211	QPSK	50	25	10 mm	back	1:1	0.112	26.99	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.47	0	North	HG211	QPSK	1	0	10 mm	front	1:1	0.468	20.77	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.48	0	North	HG211	QPSK	50	25	10 mm	front	1:1	0.530	20.24	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.31	0	North	HG211	QPSK	50	50	10 mm	front	1:1	0.644	19.22	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	17.27	0	North	HG211	QPSK	50	50	10 mm	front	1:1	0.580	19.64	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.46	0	North	HG211	QPSK	100	0	10 mm	front	1:1	0.529	20.23	
2510.00	20850	Low	LTE Band 7	20	Flip	18.96	0	South	YT212	QPSK	1	0	10 mm	back	1:1	0.099	29.00	24.00
2510.00	20850	Low	LTE Band 7	20	Flip	18.97	0	South	YT212	QPSK	50	25	10 mm	back	1:1	0.104	28.80	
2510.00	20850	Low	LTE Band 7	20	Flip	18.96	0	South	YT212	QPSK	1	0	10 mm	front	1:1	0.313	24.00	
2510.00	20850	Low	LTE Band 7	20	Flip	18.97	0	South	YT212	QPSK	50	25	10 mm	front	1:1	0.311	24.04	
2510.00	20850	Low	LTE Band 7	20	Flip	19.87	0	North	GH211	QPSK	1	99	10 mm	back	1:1	0.056	32.39	23.90
2510.00	20850	Low	LTE Band 7	20	Flip	19.91	0	North	GH211	QPSK	50	25	10 mm	back	1:1	0.059	32.20	
2510.00	20850	Low	LTE Band 7	20	Flip	19.87	0	North	GH211	QPSK	1	99	10 mm	front	1:1	0.359	24.32	
2510.00	20850	Low	LTE Band 7	20	Flip	19.91	0	North	GH211	QPSK	50	25	10 mm	front	1:1	0.375	24.17	
2510.00	20850	Low	LTE Band 7	20	Flip	19.85	0	North	GH211	QPSK	50	50	10 mm	front	1:1	0.394	23.90	
3646.70	56207	Mid-High	LTE Band 48	20	Flip	20.43	0	South	HX211	QPSK	1	99	10 mm	back	1:1.58	0.240	24.64	22.64
3646.70	56207	Mid-High	LTE Band 48	20	Flip	20.53	0	South	HX211	QPSK	50	50	10 mm	back	1:1.58	0.251	24.55	
3646.70	56207	Mid-High	LTE Band 48	20	Flip	20.43	0	South	HX211	QPSK	1	99	10 mm	front	1:1.58	0.375	22.70	
3646.70	56207	Mid-High	LTE Band 48	20	Flip	20.53	0	South	HX211	QPSK	50	50	10 mm	front	1:1.58	0.389	22.64	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Body 1.6 W/kg (mW/g) averaged over 1 gram									

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 16 of 52		

Table A1-29

DSI = 4 P_{Limit} Calculations – LTE modes with ULCA support Closed Configuration Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g) (W/kg)	Plimit	Overall Plimit
MHz	Ch.																
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.42	0	South	JJ211	QPSK	1	49	10 mm	back	1:1	0.494	27.48
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.63	1	South	JJ211	QPSK	25	25	10 mm	back	1:1	0.393	27.69
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.42	0	South	JJ211	QPSK	1	49	10 mm	front	1:1	0.282	29.92
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.63	1	South	JJ211	QPSK	25	25	10 mm	front	1:1	0.235	29.92
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.57	0	North	L7211	QPSK	1	49	10 mm	back	1:1	0.448	28.06
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.00	1	North	L7211	QPSK	25	25	10 mm	back	1:1	0.377	28.24
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.57	0	North	L7211	QPSK	1	49	10 mm	front	1:1	0.286	30.01
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.00	1	North	L7211	QPSK	25	25	10 mm	front	1:1	0.246	30.09
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.65	0	South	KS211	QPSK	1	0	10 mm	back	1:1	0.357	22.12
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.51	0	South	KS211	QPSK	50	25	10 mm	back	1:1	0.396	21.53
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.49	0	South	KS211	QPSK	50	50	10 mm	back	1:1	0.381	21.68
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.65	0	South	KS211	QPSK	1	0	10 mm	front	1:1	0.082	28.51
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.51	0	South	KS211	QPSK	50	25	10 mm	front	1:1	0.089	28.02
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.47	0	North	HG211	QPSK	1	0	10 mm	back	1:1	0.621	19.54
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.32	0	North	HG211	QPSK	1	0	10 mm	back	1:1	0.644	19.23
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	17.15	0	North	HG211	QPSK	1	99	10 mm	back	1:1	0.614	19.27
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.48	0	North	HG211	QPSK	50	25	10 mm	back	1:1	0.658	19.30
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.31	0	North	HG211	QPSK	50	50	10 mm	back	1:1	0.625	19.35
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	17.16	0	North	HG211	QPSK	50	0	10 mm	back	1:1	0.541	19.83
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	17.27	0	North	HG211	QPSK	50	50	10 mm	back	1:1	0.653	19.12
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.46	0	North	HG211	QPSK	100	0	10 mm	back	1:1	0.655	19.30
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.47	0	North	HG211	QPSK	1	0	10 mm	front	1:1	0.255	23.40
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.48	0	North	HG211	QPSK	50	25	10 mm	front	1:1	0.264	23.26
2510.00	20850	Low	LTE Band 7	20	Closed	18.96	0	South	YT212	QPSK	1	0	10 mm	back	1:1	0.610	21.11
2510.00	20850	Low	LTE Band 7	20	Closed	18.97	0	South	YT212	QPSK	50	25	10 mm	back	1:1	0.633	20.96
2535.00	21100	Mid	LTE Band 7	20	Closed	18.91	0	South	YT212	QPSK	50	50	10 mm	back	1:1	0.654	20.75
2560.00	21350	High	LTE Band 7	20	Closed	18.83	0	South	YT212	QPSK	50	25	10 mm	back	1:1	0.591	21.11
2510.00	20850	Low	LTE Band 7	20	Closed	18.95	0	South	YT212	QPSK	100	0	10 mm	back	1:1	0.574	21.36
2510.00	20850	Low	LTE Band 7	20	Closed	18.96	0	South	YT212	QPSK	1	0	10 mm	front	1:1	0.150	27.20
2510.00	20850	Low	LTE Band 7	20	Closed	18.97	0	South	YT212	QPSK	50	25	10 mm	front	1:1	0.159	26.96
2510.00	20850	Low	LTE Band 7	20	Closed	19.87	0	North	GH211	QPSK	1	99	10 mm	back	1:1	0.153	28.02
2510.00	20850	Low	LTE Band 7	20	Closed	19.91	0	North	GH211	QPSK	50	25	10 mm	back	1:1	0.145	28.30
2510.00	20850	Low	LTE Band 7	20	Closed	19.87	0	North	GH211	QPSK	1	99	10 mm	front	1:1	0.059	32.16
2510.00	20850	Low	LTE Band 7	20	Closed	19.91	0	North	GH211	QPSK	50	25	10 mm	front	1:1	0.059	32.20
3646.70	56207	Mid-High	LTE Band 48	20	Closed	20.43	0	South	HX211	QPSK	1	99	10 mm	back	1:1.58	0.372	22.74
3646.70	56207	Mid-High	LTE Band 48	20	Closed	20.53	0	South	HX211	QPSK	50	50	10 mm	back	1:1.58	0.395	22.58
3646.70	56207	Mid-High	LTE Band 48	20	Closed	20.43	0	South	HX211	QPSK	1	99	10 mm	front	1:1.58	0.136	27.11
3646.70	56207	Mid-High	LTE Band 48	20	Closed	20.53	0	South	HX211	QPSK	50	50	10 mm	front	1:1.58	0.140	27.08
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset			APPENDIX A1: Page 17 of 52

Table A1-30
DSI = 4 P_{Limit} Calculations – LTE Band 41 Flip Configuration Body-Worn SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.61	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.079	29.65	22.21
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.59	0	South	YT212	QPSK	50	25	10 mm	back	1:1.58	0.101	28.56	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.61	0	South	YT212	QPSK	1	0	10 mm	front	1:1.58	0.421	22.38	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.59	0	South	YT212	QPSK	50	25	10 mm	front	1:1.58	0.436	22.21	
2680.00	41490	High	LTE Band 41	20	Flip	22.18	0	North	HX211	QPSK	1	0	10 mm	back	1:1.58	0.126	29.19	23.12
2680.00	41490	High	LTE Band 41	20	Flip	22.28	0	North	HX211	QPSK	50	25	10 mm	back	1:1.58	0.129	29.19	
2506.00	39750	Low	LTE Band 41	20	Flip	21.68	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.344	24.33	
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.67	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.279	25.23	
2593.00	40620	Mid	LTE Band 41	20	Flip	21.94	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.308	25.07	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	22.06	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.439	23.65	
2680.00	41490	High	LTE Band 41	20	Flip	22.18	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.510	23.12	
2680.00	41490	High	LTE Band 41	20	Flip	22.28	0	North	HX211	QPSK	50	25	10 mm	front	1:1.58	0.498	23.32	
2680.00	41490	High	LTE Band 41	20	Flip	22.17	0	North	HX211	QPSK	100	0	10 mm	front	1:1.58	0.347	24.78	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body											
Spatial Peak							1.6 W/kg (mW/g)											
Uncontrolled Exposure/General Population							averaged over 1 gram											

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

Table A1-31
DSI = 4 P_{Limit} Calculations – LTE Band 41 Closed Configuration Body-Worn SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
																(W/kg)		
2506.00	39750	Low	LTE Band 41	20	Closed	20.35	0	South	YT212	QPSK	1	50	10 mm	back	1:1.58	0.442	21.91	21.35
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	20.40	0	South	YT212	QPSK	1	50	10 mm	back	1:1.58	0.449	21.89	
2593.00	40620	Mid	LTE Band 41	20	Closed	20.53	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.492	21.62	
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.61	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.530	21.38	
2680.00	41490	High	LTE Band 41	20	Closed	20.49	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.514	21.39	
2506.00	39750	Low	LTE Band 41	20	Closed	20.39	0	South	YT212	QPSK	50	0	10 mm	back	1:1.58	0.471	21.67	
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	20.29	0	South	YT212	QPSK	50	50	10 mm	back	1:1.58	0.475	21.54	
2593.00	40620	Mid	LTE Band 41	20	Closed	20.58	0	South	YT212	QPSK	50	25	10 mm	back	1:1.58	0.508	21.54	
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.59	0	South	YT212	QPSK	50	25	10 mm	back	1:1.58	0.531	21.35	
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.54	0	South	YT212	QPSK	50	50	10 mm	back	1:1.58	0.520	21.39	
2680.00	41490	High	LTE Band 41	20	Closed	20.42	0	South	YT212	QPSK	50	50	10 mm	back	1:1.58	0.489	21.54	
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.58	0	South	YT212	QPSK	100	0	10 mm	back	1:1.58	0.496	21.64	
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.61	0	South	YT212	QPSK	1	0	10 mm	front	1:1.58	0.172	26.27	
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.59	0	South	YT212	QPSK	50	25	10 mm	front	1:1.58	0.171	26.27	
2680.00	41490	High	LTE Band 41	20	Closed	22.18	0	North	HX211	QPSK	1	0	10 mm	back	1:1.58	0.485	23.34	23.34
2680.00	41490	High	LTE Band 41	20	Closed	22.28	0	North	HX211	QPSK	50	25	10 mm	back	1:1.58	0.496	23.34	
2680.00	41490	High	LTE Band 41	20	Closed	22.18	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.188	27.45	
2680.00	41490	High	LTE Band 41	20	Closed	22.28	0	North	HX211	QPSK	50	25	10 mm	front	1:1.58	0.187	27.58	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body											
Spatial Peak							1.6 W/kg (mW/g)											
Uncontrolled Exposure/General Population							averaged over 1 gram											

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT	 Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 18 of 52

Table A1-32
DSI = 4 P_{Limit} Calculations – NR Flip Configuration Body-Worn SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR[dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g) (W/kg)	Plimit	Overall Plimit
MHz	Ch.																		
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.124	32.00	27.32
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.129	31.64	
680.50	136100	Mid	NR Band n71	20	Flip	21.47	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.092	31.83	
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.343	27.58	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.349	27.32	
680.50	136100	Mid	NR Band n71	20	Flip	21.47	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.260	27.32	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	North	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.116	32.11	27.12
680.50	136100	Mid	NR Band n71	20	Flip	22.61	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.111	32.16	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	North	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.359	27.20	
680.50	136100	Mid	NR Band n71	20	Flip	22.61	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.354	27.12	
680.50	136100	Mid	NR Band n71	20	Flip	21.49	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.270	27.18	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	back	1.1	0.172	30.63	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.170	30.62	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	21.72	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.133	30.48	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	front	1.1	0.468	26.29	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.508	25.86	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	21.72	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.396	25.74	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	back	1.1	0.171	30.59	25.48
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.164	30.73	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	front	1.1	0.513	25.82	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.519	25.73	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	21.63	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.412	25.48	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.81	South	0	M8211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1.1	0.145	26.20	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.80	South	0	M8211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1.1	0.149	26.07	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.75	South	0	M8211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.164	25.60	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.81	South	0	M8211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1.1	0.561	20.32	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.80	South	0	M8211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1.1	0.544	20.44	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.75	South	0	M8211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.587	20.06	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1.1	0.154	25.96	19.90
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1.1	0.163	25.78	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1.1	0.594	20.10	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1.1	0.599	20.13	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.65	North	0	H7211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.596	19.90	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.156	28.76	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	back	1.1	0.160	28.55	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.78	South	0	KF211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.156	27.85	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.504	23.67	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	front	1.1	0.584	22.93	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.78	South	0	KF211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.505	22.75	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.06	North	0	M6211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.157	27.10	20.31
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.86	North	0	M6211	DFT-S-OFDM	QPSK	108	0	10 mm	back	1.1	0.177	26.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.06	North	0	M6211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.628	21.08	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.86	North	0	M6211	DFT-S-OFDM	QPSK	108	0	10 mm	front	1.1	0.663	20.64	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.77	North	0	M6211	DFT-S-OFDM	QPSK	216	0	10 mm	front	1.1	0.701	20.31	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.03	North	0	M6211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.596	21.28	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Body 1.6 W/kg (mW/g) averaged over 1 gram										

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 19 of 52		

Table A1-33
DSI = 4 P_{Limit} Calculations – NR Closed Configuration Body-Worn SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
680.50	136100	Mid	NR Band n71	20	Closed	22.93	South	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.303	28.12
680.50	136100	Mid	NR Band n71	20	Closed	22.75	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.312	27.81
680.50	136100	Mid	NR Band n71	20	Closed	21.47	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.227	27.91
680.50	136100	Mid	NR Band n71	20	Closed	22.93	South	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.101	32.887
680.50	136100	Mid	NR Band n71	20	Closed	22.75	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.102	32.664
680.50	136100	Mid	NR Band n71	20	Closed	22.75	North	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.251	28.753
680.50	136100	Mid	NR Band n71	20	Closed	22.61	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.237	28.86
680.50	136100	Mid	NR Band n71	20	Closed	21.49	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.188	28.75
680.50	136100	Mid	NR Band n71	20	Closed	22.75	North	0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.117	32.068
680.50	136100	Mid	NR Band n71	20	Closed	22.61	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.125	31.641
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	back	1.1	0.304	28.16
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.345	27.54
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	21.72	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.302	26.92
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	front	1.1	0.183	30.365
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.216	29.575
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	back	1.1	0.284	28.39
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.288	28.29
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	21.63	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.244	27.76
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	front	1.1	0.225	29.398
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.228	29.301
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1.1	0.272	23.46
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1.1	0.262	23.62
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.75	South	0	M3211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.313	22.79
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1.1	0.062	29.886
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1.1	0.062	29.876
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1.1	0.485	20.98
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1.1	0.452	21.35
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.65	North	0	H7211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.486	20.78
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1.1	0.269	23.543
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1.1	0.238	24.134
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.607	22.86
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	back	1.1	0.589	22.89
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.78	South	0	KF211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.600	22.00
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.188	27.948
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	front	1.1	0.125	29.621
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.06	North	0	H7211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.634	21.04
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.86	North	0	H7211	DFT-S-OFDM	QPSK	108	0	10 mm	back	1.1	0.679	20.54
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.77	North	0	H7211	DFT-S-OFDM	QPSK	216	0	10 mm	back	1.1	0.654	20.61
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.03	North	0	H7211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.636	21.00
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.06	North	0	H7211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.200	26.050
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.86	North	0	H7211	DFT-S-OFDM	QPSK	108	0	10 mm	front	1.1	0.226	25.319
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak									Body 1.6 W/kg (mW/g) averaged over 1 gram									
Uncontrolled Exposure/General Population																		

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 20 of 52		

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Table A1-34
DSI = 4 P_{Limit} Calculations – NR n41 Flip Configuration Body-Worn SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR[dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.104	28.58	21.48
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.109	28.38	
2592.99	518598	Mid	NR Band n41	100	Flip	18.07	South	0	LT211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.068	29.74	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.533	21.48	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.474	21.99	
2592.99	518598	Mid	NR Band n41	100	Flip	18.65	South	0	LT211	DFT-S-OFDM	QPSK	270	0	10 mm	front	1:1	0.455	22.07	
2592.99	518598	Mid	NR Band n41	100	Flip	18.07	South	0	LT211	CP-OFDM	QPSK	1	1	10 mm	front	1:1	0.323	22.98	
2592.99	518598	Mid	NR Band n41	100	Flip	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.157	27.90	21.04
2592.99	518598	Mid	NR Band n41	100	Flip	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.151	28.06	
2592.99	518598	Mid	NR Band n41	100	Flip	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.654	21.70	
2592.99	518598	Mid	NR Band n41	100	Flip	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.634	21.83	
2592.99	518598	Mid	NR Band n41	100	Flip	19.83	North	0	M1211	DFT-S-OFDM	QPSK	270	0	10 mm	front	1:1	0.678	21.52	
2592.99	518598	Mid	NR Band n41	100	Flip	19.72	North	0	M1211	CP-OFDM	QPSK	1	1	10 mm	front	1:1	0.738	21.04	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Body 1.6 W/kg (mW/g) averaged over 1 gram										

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

Table A1-35
DSI = 4 P_{Limit} Calculations – NR n41 Closed Configuration Body-Worn SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	Antenna Config	MPR[dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.590	21.04	21.04
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.576	21.15	
2592.99	518598	Mid	NR Band n41	100	Closed	18.65	South	0	LT211	DFT-S-OFDM	QPSK	270	0	10 mm	back	1:1	0.546	21.28	
2592.99	518598	Mid	NR Band n41	100	Closed	18.07	South	0	LT211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.425	21.79	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.250	24.77	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.225	25.23	
2592.99	518598	Mid	NR Band n41	100	Closed	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.453	23.30	22.43
2592.99	518598	Mid	NR Band n41	100	Closed	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.552	22.43	
2592.99	518598	Mid	NR Band n41	100	Closed	19.83	North	0	M1211	DFT-S-OFDM	QPSK	270	0	10 mm	back	1:1	0.507	22.78	
2592.99	518598	Mid	NR Band n41	100	Closed	19.72	North	0	M1211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.453	23.16	
2592.99	518598	Mid	NR Band n41	100	Closed	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.174	27.45	
2592.99	518598	Mid	NR Band n41	100	Closed	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.185	27.18	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Body 1.6 W/kg (mW/g) averaged over 1 gram										

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 21 of 52		

A1.4 Hotspot Data

Table A1-36
DSI = 4 P_{Limit} Calculations – GPRS Flip Configuration Hotspot SAR Data

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	# of Time Slots	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Flip	J2211	2	1:4.15	back	0.249	31.45	26.21
824.20	128	GSM 850	GPRS	31.40	10 mm	South	Flip	J2211	2	1:4.15	front	0.767	26.36	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Flip	J2211	2	1:4.15	front	0.800	26.38	
848.80	251	GSM 850	GPRS	31.51	10 mm	South	Flip	J2211	2	1:4.15	front	0.815	26.21	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Flip	J2211	2	1:4.15	bottom	0.413	29.25	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Flip	J2211	2	1:4.15	right	0.243	31.55	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Flip	KS211	2	1:4.15	back	0.152	28.64	22.39
1850.20	512	GSM 1900	GPRS	26.32	10 mm	South	Flip	KS211	2	1:4.15	front	0.483	23.29	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Flip	KS211	2	1:4.15	front	0.641	22.39	
1909.80	810	GSM 1900	GPRS	26.62	10 mm	South	Flip	KS211	2	1:4.15	front	0.502	23.42	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Flip	KS211	2	1:4.15	bottom	0.300	25.69	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Flip	KS211	2	1:4.15	right	0.488	23.57	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram									

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

Table A1-37
DSI = 4 P_{Limit} Calculations – GPRS Closed Configuration Hotspot SAR Data

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	# of Time Slots	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
824.20	128	GSM 850	GPRS	31.40	10 mm	South	Closed	J2211	2	1:4.15	back	0.382	29.39	27.93
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Closed	J2211	2	1:4.15	back	0.559	27.93	
848.80	251	GSM 850	GPRS	31.51	10 mm	South	Closed	J2211	2	1:4.15	back	0.432	28.96	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Closed	J2211	2	1:4.15	front	0.366	29.77	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Closed	J2211	2	1:4.15	bottom	0.367	29.76	
836.60	190	GSM 850	GPRS	31.60	10 mm	South	Closed	J2211	2	1:4.15	right	0.309	30.51	
1850.20	512	GSM 1900	GPRS	26.32	10 mm	South	Closed	KS211	2	1:4.15	back	0.732	21.48	21.48
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Closed	KS211	2	1:4.15	back	0.571	22.89	
1909.80	810	GSM 1900	GPRS	26.62	10 mm	South	Closed	KS211	2	1:4.15	back	0.359	24.88	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Closed	KS211	2	1:4.15	front	0.148	28.76	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Closed	KS211	2	1:4.15	bottom	0.164	28.31	
1880.00	661	GSM 1900	GPRS	26.65	10 mm	South	Closed	KS211	2	1:4.15	right	0.484	23.61	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram									

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

FCC ID: C3K1995	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 22 of 52		

Table A1-38
DSI = 4 P_{Limit} Calculations – UMTS Flip Configuration Hotspot SAR Data

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	Duty Cycle	Side	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.										(W/kg)		
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Flip	LA211	1:1	back	0.237	31.00	25.74
826.40	4132	UMTS 850	RMC	24.49	10 mm	South	Flip	LA211	1:1	front	0.737	25.82	
836.60	4183	UMTS 850	RMC	24.68	10 mm	South	Flip	LA211	1:1	front	0.784	25.74	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Flip	LA211	1:1	front	0.742	26.05	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Flip	LA211	1:1	bottom	0.387	28.87	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Flip	LA211	1:1	right	0.212	31.49	
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Flip	GH211	1:1	back	0.072	31.98	25.47
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Flip	GH211	1:1	front	0.322	25.47	
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Flip	GH211	1:1	bottom	0.149	28.82	
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Flip	GH211	1:1	right	0.274	26.17	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

Table A1-39
DSI = 4 P_{Limit} Calculations – UMTS Closed Configuration Hotspot SAR Data

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
826.40	4132	UMTS 850	RMC	24.49	10 mm	South	Closed	GH211	1:1	back	0.523	27.30	27.03
836.60	4183	UMTS 850	RMC	24.68	10 mm	South	Closed	GH211	1:1	back	0.579	27.05	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Closed	GH211	1:1	back	0.592	27.03	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Closed	GH211	1:1	front	0.302	29.95	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Closed	GH211	1:1	bottom	0.254	30.70	
846.60	4233	UMTS 850	RMC	24.75	10 mm	South	Closed	GH211	1:1	right	0.256	30.67	
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Closed	GH211	1:1	back	0.289	25.94	25.94
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Closed	GH211	1:1	front	0.062	32.63	
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Closed	GH211	1:1	bottom	0.090	31.01	
1880.00	9400	UMTS 1900	RMC	20.55	10 mm	South	Closed	GH211	1:1	right	0.212	27.29	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Body 1.6 W/kg (mW/g) averaged over 1 gram								

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT 	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 23 of 52

Table A1-40
DSI = 4 P_{Limit} Calculations – LTE Band 71 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	South	KF211	QPSK	1	50	10 mm	back	1:1	0.197	31.38	27.19
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	South	KF211	QPSK	50	25	10 mm	back	1:1	0.159	31.69	
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	South	KF211	QPSK	1	50	10 mm	front	1:1	0.516	27.19	
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	South	KF211	QPSK	50	25	10 mm	front	1:1	0.440	27.27	
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	South	KF211	QPSK	1	50	10 mm	bottom	1:1	0.193	31.46	
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	South	KF211	QPSK	50	25	10 mm	bottom	1:1	0.162	31.60	
680.50	133297	Mid	LTE Band 71	20	Flip	24.32	0	South	KF211	QPSK	1	50	10 mm	right	1:1	0.411	28.18	
680.50	133297	Mid	LTE Band 71	20	Flip	23.70	1	South	KF211	QPSK	50	25	10 mm	right	1:1	0.330	28.51	
680.50	133297	Mid	LTE Band 71	20	Flip	24.90	0	North	LR211	QPSK	1	50	10 mm	back	1:1	0.207	31.74	27.08
680.50	133297	Mid	LTE Band 71	20	Flip	24.14	1	North	LR211	QPSK	50	50	10 mm	back	1:1	0.160	32.10	
680.50	133297	Mid	LTE Band 71	20	Flip	24.90	0	North	LR211	QPSK	1	50	10 mm	front	1:1	0.606	27.08	
680.50	133297	Mid	LTE Band 71	20	Flip	24.14	1	North	LR211	QPSK	50	50	10 mm	front	1:1	0.471	27.41	
680.50	133297	Mid	LTE Band 71	20	Flip	24.90	0	North	LR211	QPSK	1	50	10 mm	top	1:1	0.216	31.56	
680.50	133297	Mid	LTE Band 71	20	Flip	24.14	1	North	LR211	QPSK	50	50	10 mm	top	1:1	0.173	31.76	
680.50	133297	Mid	LTE Band 71	20	Flip	24.90	0	North	LR211	QPSK	1	50	10 mm	right	1:1	0.375	29.16	
680.50	133297	Mid	LTE Band 71	20	Flip	24.14	1	North	LR211	QPSK	50	50	10 mm	right	1:1	0.286	29.58	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-41
DSI = 4 P_{Limit} Calculations – LTE Band 71 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
																(W/kg)		
680.50	133297	Mid	LTE Band 71	20	Closed	24.32	0	South	KF211	QPSK	1	50	10 mm	back	1:1	0.434	27.95	27.95
680.50	133297	Mid	LTE Band 71	20	Closed	23.70	1	South	KF211	QPSK	50	25	10 mm	back	1:1	0.350	28.26	
680.50	133297	Mid	LTE Band 71	20	Closed	24.32	0	South	KF211	QPSK	1	50	10 mm	front	1:1	0.154	32.44	
680.50	133297	Mid	LTE Band 71	20	Closed	23.70	1	South	KF211	QPSK	50	25	10 mm	front	1:1	0.126	32.70	
680.50	133297	Mid	LTE Band 71	20	Closed	24.32	0	South	KF211	QPSK	1	50	10 mm	bottom	1:1	0.145	32.71	
680.50	133297	Mid	LTE Band 71	20	Closed	23.70	1	South	KF211	QPSK	50	25	10 mm	bottom	1:1	0.119	32.94	
680.50	133297	Mid	LTE Band 71	20	Closed	24.32	0	South	KF211	QPSK	1	50	10 mm	right	1:1	0.125	33.35	
680.50	133297	Mid	LTE Band 71	20	Closed	23.70	1	South	KF211	QPSK	50	25	10 mm	right	1:1	0.096	33.88	
680.50	133297	Mid	LTE Band 71	20	Closed	24.90	0	North	LR211	QPSK	1	50	10 mm	back	1:1	0.378	29.13	29.13
680.50	133297	Mid	LTE Band 71	20	Closed	24.14	1	North	LR211	QPSK	50	50	10 mm	back	1:1	0.295	29.44	
680.50	133297	Mid	LTE Band 71	20	Closed	24.90	0	North	LR211	QPSK	1	50	10 mm	front	1:1	0.155	33.00	
680.50	133297	Mid	LTE Band 71	20	Closed	24.14	1	North	LR211	QPSK	50	50	10 mm	front	1:1	0.129	33.03	
680.50	133297	Mid	LTE Band 71	20	Closed	24.90	0	North	LR211	QPSK	1	50	10 mm	top	1:1	0.155	33.00	
680.50	133297	Mid	LTE Band 71	20	Closed	24.14	1	North	LR211	QPSK	50	50	10 mm	top	1:1	0.122	33.28	
680.50	133297	Mid	LTE Band 71	20	Closed	24.90	0	North	LR211	QPSK	1	50	10 mm	right	1:1	0.145	33.29	
680.50	133297	Mid	LTE Band 71	20	Closed	24.14	1	North	LR211	QPSK	50	50	10 mm	right	1:1	0.112	33.65	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PCTEST Proud to be part of element	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
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Table A1-42
DSI = 4 P_{Limit} Calculations – LTE Band 12 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	South	KF211	QPSK	1	25	10 mm	back	1:1	0.203	31.34	26.78
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	South	KF211	QPSK	25	0	10 mm	back	1:1	0.178	31.43	
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	South	KF211	QPSK	1	25	10 mm	front	1:1	0.579	26.78	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	South	KF211	QPSK	25	0	10 mm	front	1:1	0.488	27.05	
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	South	KF211	QPSK	1	25	10 mm	bottom	1:1	0.251	30.41	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	South	KF211	QPSK	25	0	10 mm	bottom	1:1	0.204	30.83	
707.50	23095	Mid	LTE Band 12	10	Flip	24.41	0	South	KF211	QPSK	1	25	10 mm	right	1:1	0.357	28.88	
707.50	23095	Mid	LTE Band 12	10	Flip	23.93	1	South	KF211	QPSK	25	0	10 mm	right	1:1	0.325	28.81	
707.50	23095	Mid	LTE Band 12	10	Flip	24.95	0	North	GL211	QPSK	1	0	10 mm	back	1:1	0.160	32.91	27.72
707.50	23095	Mid	LTE Band 12	10	Flip	24.16	1	North	GL211	QPSK	25	0	10 mm	back	1:1	0.140	32.70	
707.50	23095	Mid	LTE Band 12	10	Flip	24.95	0	North	GL211	QPSK	1	0	10 mm	front	1:1	0.501	27.95	
707.50	23095	Mid	LTE Band 12	10	Flip	24.16	1	North	GL211	QPSK	25	0	10 mm	front	1:1	0.441	27.72	
707.50	23095	Mid	LTE Band 12	10	Flip	24.95	0	North	GL211	QPSK	1	0	10 mm	top	1:1	0.231	31.31	
707.50	23095	Mid	LTE Band 12	10	Flip	24.16	1	North	GL211	QPSK	25	0	10 mm	top	1:1	0.203	31.09	
707.50	23095	Mid	LTE Band 12	10	Flip	24.95	0	North	GL211	QPSK	1	0	10 mm	right	1:1	0.244	31.08	
707.50	23095	Mid	LTE Band 12	10	Flip	24.16	1	North	GL211	QPSK	25	0	10 mm	right	1:1	0.174	31.75	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-43
DSI = 4 P_{Limit} Calculations – LTE Band 12 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
707.50	23095	Mid	LTE Band 12	10	Closed	24.41	0	South	KF211	QPSK	1	25	10 mm	back	1:1	0.336	29.15	29.15
707.50	23095	Mid	LTE Band 12	10	Closed	23.93	1	South	KF211	QPSK	25	0	10 mm	back	1:1	0.293	29.26	
707.50	23095	Mid	LTE Band 12	10	Closed	24.41	0	South	KF211	QPSK	1	25	10 mm	front	1:1	0.149	32.68	
707.50	23095	Mid	LTE Band 12	10	Closed	23.93	1	South	KF211	QPSK	25	0	10 mm	front	1:1	0.126	32.93	
707.50	23095	Mid	LTE Band 12	10	Closed	24.41	0	South	KF211	QPSK	1	25	10 mm	bottom	1:1	0.163	32.29	
707.50	23095	Mid	LTE Band 12	10	Closed	23.93	1	South	KF211	QPSK	25	0	10 mm	bottom	1:1	0.139	32.50	
707.50	23095	Mid	LTE Band 12	10	Closed	24.41	0	South	KF211	QPSK	1	25	10 mm	right	1:1	0.109	34.04	
707.50	23095	Mid	LTE Band 12	10	Closed	23.93	1	South	KF211	QPSK	25	0	10 mm	right	1:1	0.093	34.25	
707.50	23095	Mid	LTE Band 12	10	Closed	24.95	0	North	50446	QPSK	1	0	10 mm	back	1:1	0.490	28.05	27.39
707.50	23095	Mid	LTE Band 12	10	Closed	24.16	1	North	50446	QPSK	25	0	10 mm	back	1:1	0.475	27.39	
707.50	23095	Mid	LTE Band 12	10	Closed	24.95	0	North	50446	QPSK	1	0	10 mm	front	1:1	0.218	31.57	
707.50	23095	Mid	LTE Band 12	10	Closed	24.16	1	North	50446	QPSK	25	0	10 mm	front	1:1	0.208	30.98	
707.50	23095	Mid	LTE Band 12	10	Closed	24.95	0	North	50446	QPSK	1	0	10 mm	top	1:1	0.195	32.05	
707.50	23095	Mid	LTE Band 12	10	Closed	24.16	1	North	50446	QPSK	25	0	10 mm	top	1:1	0.156	32.23	
707.50	23095	Mid	LTE Band 12	10	Closed	24.95	0	North	50446	QPSK	1	0	10 mm	right	1:1	0.167	32.72	
707.50	23095	Mid	LTE Band 12	10	Closed	24.16	1	North	50446	QPSK	25	0	10 mm	right	1:1	0.140	32.70	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
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Table A1-44
DSI = 4 P_{Limit} Calculations – LTE Band 13 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.															(W/kg)		
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	South	KF211	QPSK	1	25	10 mm	back	1:1	0.229	30.83	25.80
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	South	KF211	QPSK	25	12	10 mm	back	1:1	0.185	30.91	
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	South	KF211	QPSK	1	25	10 mm	front	1:1	0.708	25.93	
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	South	KF211	QPSK	25	12	10 mm	front	1:1	0.558	26.11	
782.00	23230	Mid	LTE Band 13	10	Flip	23.56	1	South	KF211	QPSK	50	0	10 mm	front	1:1	0.597	25.80	
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	South	KF211	QPSK	1	25	10 mm	bottom	1:1	0.258	30.31	
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	South	KF211	QPSK	25	12	10 mm	bottom	1:1	0.225	30.06	
782.00	23230	Mid	LTE Band 13	10	Flip	24.43	0	South	KF211	QPSK	1	25	10 mm	right	1:1	0.258	30.31	
782.00	23230	Mid	LTE Band 13	10	Flip	23.58	1	South	KF211	QPSK	25	12	10 mm	right	1:1	0.201	30.55	
782.00	23230	Mid	LTE Band 13	10	Flip	24.64	0	North	LR211	QPSK	1	0	10 mm	back	1:1	0.242	30.80	26.08
782.00	23230	Mid	LTE Band 13	10	Flip	24.05	1	North	LR211	QPSK	25	0	10 mm	back	1:1	0.212	30.79	
782.00	23230	Mid	LTE Band 13	10	Flip	24.64	0	North	LR211	QPSK	1	0	10 mm	front	1:1	0.682	26.30	
782.00	23230	Mid	LTE Band 13	10	Flip	24.05	1	North	LR211	QPSK	25	0	10 mm	front	1:1	0.627	26.08	
782.00	23230	Mid	LTE Band 13	10	Flip	24.64	0	North	LR211	QPSK	1	0	10 mm	top	1:1	0.262	30.46	
782.00	23230	Mid	LTE Band 13	10	Flip	24.05	1	North	LR211	QPSK	25	0	10 mm	top	1:1	0.230	30.43	
782.00	23230	Mid	LTE Band 13	10	Flip	24.64	0	North	LR211	QPSK	1	0	10 mm	right	1:1	0.282	30.14	
782.00	23230	Mid	LTE Band 13	10	Flip	24.05	1	North	LR211	QPSK	25	0	10 mm	right	1:1	0.229	30.45	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-45
DSI = 4 P_{Limit} Calculations – LTE Band 13 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
782.00	23230	Mid	LTE Band 13	10	Closed	24.43	0	South	LR211	QPSK	1	25	10 mm	back	1:1	0.550	27.03	26.87
782.00	23230	Mid	LTE Band 13	10	Closed	23.58	1	South	LR211	QPSK	25	12	10 mm	back	1:1	0.469	26.87	
782.00	23230	Mid	LTE Band 13	10	Closed	24.43	0	South	LR211	QPSK	1	25	10 mm	front	1:1	0.289	29.82	
782.00	23230	Mid	LTE Band 13	10	Closed	23.58	1	South	LR211	QPSK	25	12	10 mm	front	1:1	0.239	29.80	
782.00	23230	Mid	LTE Band 13	10	Closed	24.43	0	South	LR211	QPSK	1	25	10 mm	bottom	1:1	0.165	32.26	
782.00	23230	Mid	LTE Band 13	10	Closed	23.58	1	South	LR211	QPSK	25	12	10 mm	bottom	1:1	0.142	32.06	
782.00	23230	Mid	LTE Band 13	10	Closed	24.43	0	South	LR211	QPSK	1	25	10 mm	right	1:1	0.230	30.81	
782.00	23230	Mid	LTE Band 13	10	Closed	23.58	1	South	LR211	QPSK	25	12	10 mm	right	1:1	0.208	30.40	
782.00	23230	Mid	LTE Band 13	10	Closed	24.64	0	North	LR211	QPSK	1	0	10 mm	back	1:1	0.557	27.18	26.61
782.00	23230	Mid	LTE Band 13	10	Closed	24.05	1	North	LR211	QPSK	25	0	10 mm	back	1:1	0.554	26.61	
782.00	23230	Mid	LTE Band 13	10	Closed	24.64	0	North	LR211	QPSK	1	0	10 mm	front	1:1	0.316	29.64	
782.00	23230	Mid	LTE Band 13	10	Closed	24.05	1	North	LR211	QPSK	25	0	10 mm	front	1:1	0.308	29.16	
782.00	23230	Mid	LTE Band 13	10	Closed	24.64	0	North	LR211	QPSK	1	0	10 mm	top	1:1	0.198	31.67	
782.00	23230	Mid	LTE Band 13	10	Closed	24.05	1	North	LR211	QPSK	25	0	10 mm	top	1:1	0.189	31.29	
782.00	23230	Mid	LTE Band 13	10	Closed	24.64	0	North	LR211	QPSK	1	0	10 mm	right	1:1	0.140	33.18	
782.00	23230	Mid	LTE Band 13	10	Closed	24.05	1	North	LR211	QPSK	25	0	10 mm	right	1:1	0.130	32.91	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 26 of 52		

Table A1-46
DSI = 4 P_{Limit} Calculations – LTE Band 14 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.															(W/kg)		
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	South	LR211	QPSK	1	0	10 mm	back	1:1	0.254	30.47	26.04
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	South	LR211	QPSK	25	0	10 mm	back	1:1	0.223	30.00	
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	South	LR211	QPSK	1	0	10 mm	front	1:1	0.670	26.26	
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	South	LR211	QPSK	25	0	10 mm	front	1:1	0.554	26.04	
793.00	23330	Mid	LTE Band 14	10	Flip	23.47	1	South	LR211	QPSK	50	0	10 mm	front	1:1	0.537	26.17	
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	South	LR211	QPSK	1	0	10 mm	bottom	1:1	0.249	30.56	
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	South	LR211	QPSK	25	0	10 mm	bottom	1:1	0.222	30.02	
793.00	23330	Mid	LTE Band 14	10	Flip	24.52	0	South	LR211	QPSK	1	0	10 mm	right	1:1	0.329	29.35	
793.00	23330	Mid	LTE Band 14	10	Flip	23.48	1	South	LR211	QPSK	25	0	10 mm	right	1:1	0.280	29.01	
793.00	23330	Mid	LTE Band 14	10	Flip	24.66	0	North	JJ211	QPSK	1	0	10 mm	back	1:1	0.192	31.83	26.99
793.00	23330	Mid	LTE Band 14	10	Flip	23.96	1	North	JJ211	QPSK	25	0	10 mm	back	1:1	0.171	31.63	
793.00	23330	Mid	LTE Band 14	10	Flip	24.66	0	North	JJ211	QPSK	1	0	10 mm	front	1:1	0.585	26.99	
793.00	23330	Mid	LTE Band 14	10	Flip	23.96	1	North	JJ211	QPSK	25	0	10 mm	front	1:1	0.487	27.08	
793.00	23330	Mid	LTE Band 14	10	Flip	24.66	0	North	JJ211	QPSK	1	0	10 mm	top	1:1	0.256	30.58	
793.00	23330	Mid	LTE Band 14	10	Flip	23.96	1	North	JJ211	QPSK	25	0	10 mm	top	1:1	0.226	30.42	
793.00	23330	Mid	LTE Band 14	10	Flip	24.66	0	North	JJ211	QPSK	1	0	10 mm	right	1:1	0.202	31.61	
793.00	23330	Mid	LTE Band 14	10	Flip	23.96	1	North	JJ211	QPSK	25	0	10 mm	right	1:1	0.181	31.38	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-47
DSI = 4 P_{Limit} Calculations – LTE Band 14 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
793.00	23330	Mid	LTE Band 14	10	Closed	24.52	0	South	LR211	QPSK	1	0	10 mm	back	1:1	0.529	27.29	27.29
793.00	23330	Mid	LTE Band 14	10	Closed	23.48	1	South	LR211	QPSK	25	0	10 mm	back	1:1	0.416	27.29	
793.00	23330	Mid	LTE Band 14	10	Closed	24.52	0	South	LR211	QPSK	1	0	10 mm	front	1:1	0.312	29.58	
793.00	23330	Mid	LTE Band 14	10	Closed	23.48	1	South	LR211	QPSK	25	0	10 mm	front	1:1	0.239	29.70	
793.00	23330	Mid	LTE Band 14	10	Closed	24.52	0	South	LR211	QPSK	1	0	10 mm	bottom	1:1	0.183	31.90	
793.00	23330	Mid	LTE Band 14	10	Closed	23.48	1	South	LR211	QPSK	25	0	10 mm	bottom	1:1	0.142	31.96	
793.00	23330	Mid	LTE Band 14	10	Closed	24.52	0	South	LR211	QPSK	1	0	10 mm	right	1:1	0.182	31.92	
793.00	23330	Mid	LTE Band 14	10	Closed	23.48	1	South	LR211	QPSK	25	0	10 mm	right	1:1	0.148	31.78	
793.00	23330	Mid	LTE Band 14	10	Closed	24.66	0	North	LR211	QPSK	1	0	10 mm	back	1:1	0.725	26.06	26.06
793.00	23330	Mid	LTE Band 14	10	Closed	23.96	1	North	LR211	QPSK	25	0	10 mm	back	1:1	0.580	26.33	
793.00	23330	Mid	LTE Band 14	10	Closed	23.93	1	North	LR211	QPSK	50	0	10 mm	back	1:1	0.590	26.22	
793.00	23330	Mid	LTE Band 14	10	Closed	24.66	0	North	LR211	QPSK	1	0	10 mm	front	1:1	0.395	28.69	
793.00	23330	Mid	LTE Band 14	10	Closed	23.96	1	North	LR211	QPSK	25	0	10 mm	front	1:1	0.319	28.92	
793.00	23330	Mid	LTE Band 14	10	Closed	24.66	0	North	LR211	QPSK	1	0	10 mm	top	1:1	0.290	30.04	
793.00	23330	Mid	LTE Band 14	10	Closed	23.96	1	North	LR211	QPSK	25	0	10 mm	top	1:1	0.226	30.42	
793.00	23330	Mid	LTE Band 14	10	Closed	24.66	0	North	LR211	QPSK	1	0	10 mm	right	1:1	0.195	31.76	
793.00	23330	Mid	LTE Band 14	10	Closed	23.96	1	North	LR211	QPSK	25	0	10 mm	right	1:1	0.153	32.11	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 27 of 52		

Table A1-48
DSI = 4 P_{Limit} Calculations – LTE Band 26 (Cell) Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
																(W/kg)		
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	South	MO211	QPSK	1	74	10 mm	back	1:1	0.268	30.06	25.31
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	South	MO211	QPSK	36	37	10 mm	back	1:1	0.219	30.34	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	South	MO211	QPSK	1	74	10 mm	front	1:1	0.799	25.31	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	South	MO211	QPSK	36	37	10 mm	front	1:1	0.665	25.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.65	1	South	MO211	QPSK	75	0	10 mm	front	1:1	0.620	25.73	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	South	MO211	QPSK	1	74	10 mm	bottom	1:1	0.415	28.16	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	South	MO211	QPSK	36	37	10 mm	bottom	1:1	0.332	28.53	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.34	0	South	MO211	QPSK	1	74	10 mm	right	1:1	0.279	29.88	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.74	1	South	MO211	QPSK	36	37	10 mm	right	1:1	0.221	30.30	26.09
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.29	0	North	L7211	QPSK	1	74	10 mm	back	1:1	0.222	30.83	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.88	1	North	L7211	QPSK	36	37	10 mm	back	1:1	0.184	31.23	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.29	0	North	L7211	QPSK	1	74	10 mm	front	1:1	0.660	26.09	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.88	1	North	L7211	QPSK	36	37	10 mm	front	1:1	0.546	26.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.81	1	North	L7211	QPSK	75	0	10 mm	front	1:1	0.540	26.49	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.29	0	North	L7211	QPSK	1	74	10 mm	top	1:1	0.416	28.10	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.88	1	North	L7211	QPSK	36	37	10 mm	top	1:1	0.320	28.83	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.29	0	North	L7211	QPSK	1	74	10 mm	right	1:1	0.174	31.88	26.09
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	23.88	1	North	L7211	QPSK	36	37	10 mm	right	1:1	0.152	32.06	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-49
DSI = 4 P_{Limit} Calculations – LTE Band 26 (Cell) Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.34	0	South	MO211	QPSK	1	74	10 mm	back	1:1	0.537	27.04	27.04
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.74	1	South	MO211	QPSK	36	37	10 mm	back	1:1	0.453	27.18	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.34	0	South	MO211	QPSK	1	74	10 mm	front	1:1	0.314	29.37	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.74	1	South	MO211	QPSK	36	37	10 mm	front	1:1	0.265	29.51	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.34	0	South	MO211	QPSK	1	74	10 mm	bottom	1:1	0.352	28.87	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.74	1	South	MO211	QPSK	36	37	10 mm	bottom	1:1	0.285	29.19	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.34	0	South	MO211	QPSK	1	74	10 mm	right	1:1	0.264	30.12	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.74	1	South	MO211	QPSK	36	37	10 mm	right	1:1	0.208	30.56	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.29	0	North	L7211	QPSK	1	74	10 mm	back	1:1	0.424	28.02	28.02
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.88	1	North	L7211	QPSK	36	37	10 mm	back	1:1	0.376	28.13	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.29	0	North	L7211	QPSK	1	74	10 mm	front	1:1	0.297	29.56	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.88	1	North	L7211	QPSK	36	37	10 mm	front	1:1	0.259	29.75	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.29	0	North	L7211	QPSK	1	74	10 mm	top	1:1	0.315	29.31	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.88	1	North	L7211	QPSK	36	37	10 mm	top	1:1	0.262	29.70	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	24.29	0	North	L7211	QPSK	1	74	10 mm	right	1:1	0.165	32.12	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Closed	23.88	1	North	L7211	QPSK	36	37	10 mm	right	1:1	0.144	32.30	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 28 of 52		

Table A1-50
DSI = 4 P_{Limit} Calculations – LTE Band 5 (Cell) Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
																(W/kg)		
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	South	JJ211	QPSK	1	49	10 mm	back	1:1	0.261	30.25	25.61
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	South	JJ211	QPSK	25	25	10 mm	back	1:1	0.212	30.37	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	South	JJ211	QPSK	1	49	10 mm	front	1:1	0.760	25.61	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	South	JJ211	QPSK	25	25	10 mm	front	1:1	0.625	25.67	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.60	1	South	JJ211	QPSK	50	0	10 mm	front	1:1	0.612	25.73	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	South	JJ211	QPSK	1	49	10 mm	bottom	1:1	0.429	28.10	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	South	JJ211	QPSK	25	25	10 mm	bottom	1:1	0.338	28.34	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.42	0	South	JJ211	QPSK	1	49	10 mm	right	1:1	0.176	31.96	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.63	1	South	JJ211	QPSK	25	25	10 mm	right	1:1	0.132	32.42	25.83
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.57	0	North	L7211	QPSK	1	49	10 mm	back	1:1	0.235	30.86	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.00	1	North	L7211	QPSK	25	25	10 mm	back	1:1	0.195	31.10	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.57	0	North	L7211	QPSK	1	49	10 mm	front	1:1	0.732	25.92	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.00	1	North	L7211	QPSK	25	25	10 mm	front	1:1	0.600	26.22	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	23.89	1	North	L7211	QPSK	50	0	10 mm	front	1:1	0.640	25.83	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.57	0	North	L7211	QPSK	1	49	10 mm	top	1:1	0.435	28.19	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.00	1	North	L7211	QPSK	25	25	10 mm	top	1:1	0.348	28.58	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.57	0	North	L7211	QPSK	1	49	10 mm	right	1:1	0.189	31.81	25.83
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	24.00	1	North	L7211	QPSK	25	25	10 mm	right	1:1	0.148	32.30	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-51
DSI = 4 P_{Limit} Calculations – LTE Band 5 (Cell) Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
																(W/kg)		
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.42	0	South	JJ211	QPSK	1	49	10 mm	back	1:1	0.494	27.48	27.48
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.63	1	South	JJ211	QPSK	25	25	10 mm	back	1:1	0.393	27.69	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.42	0	South	JJ211	QPSK	1	49	10 mm	front	1:1	0.282	29.92	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.63	1	South	JJ211	QPSK	25	25	10 mm	front	1:1	0.235	29.92	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.42	0	South	JJ211	QPSK	1	49	10 mm	bottom	1:1	0.320	29.37	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.63	1	South	JJ211	QPSK	25	25	10 mm	bottom	1:1	0.256	29.55	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.42	0	South	JJ211	QPSK	1	49	10 mm	right	1:1	0.229	30.82	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	23.63	1	South	JJ211	QPSK	25	25	10 mm	right	1:1	0.189	30.87	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.57	0	North	L7211	QPSK	1	49	10 mm	back	1:1	0.448	28.06	28.06
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.00	1	North	L7211	QPSK	25	25	10 mm	back	1:1	0.377	28.24	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.57	0	North	L7211	QPSK	1	49	10 mm	front	1:1	0.286	30.01	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.00	1	North	L7211	QPSK	25	25	10 mm	front	1:1	0.246	30.09	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.57	0	North	L7211	QPSK	1	49	10 mm	top	1:1	0.358	29.03	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.00	1	North	L7211	QPSK	25	25	10 mm	top	1:1	0.306	29.14	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.57	0	North	L7211	QPSK	1	49	10 mm	right	1:1	0.136	33.23	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Closed	24.00	1	North	L7211	QPSK	25	25	10 mm	right	1:1	0.114	33.43	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT	 Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021 © 2020 PCTEST	DUT Type: Portable Handset	APPENDIX A1: Page 29 of 52

Table A1-52
DSI = 4 P_{Limit} Calculations – LTE Band 66 (AWS) Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.65	0	South	KS211	QPSK	1	0	10 mm	back	1:1	0.106	27.40	19.48
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.51	0	South	KS211	QPSK	50	25	10 mm	back	1:1	0.114	26.94	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.65	0	South	KS211	QPSK	1	0	10 mm	front	1:1	0.564	20.14	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.51	0	South	KS211	QPSK	50	25	10 mm	front	1:1	0.635	19.48	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.49	0	South	KS211	QPSK	50	50	10 mm	front	1:1	0.633	19.48	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.50	0	South	KS211	QPSK	50	50	10 mm	front	1:1	0.517	20.37	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	17.49	0	South	KS211	QPSK	50	50	10 mm	front	1:1	0.430	21.16	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.65	0	South	KS211	QPSK	1	0	10 mm	bottom	1:1	0.262	23.47	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.51	0	South	KS211	QPSK	50	25	10 mm	bottom	1:1	0.289	22.90	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.65	0	South	KS211	QPSK	1	0	10 mm	right	1:1	0.363	22.05	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.51	0	South	KS211	QPSK	50	25	10 mm	right	1:1	0.366	21.88	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.47	0	North	HG211	QPSK	1	0	10 mm	back	1:1	0.101	27.43	19.22
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.48	0	North	HG211	QPSK	50	25	10 mm	back	1:1	0.112	26.99	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.47	0	North	HG211	QPSK	1	0	10 mm	front	1:1	0.468	20.77	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.48	0	North	HG211	QPSK	50	25	10 mm	front	1:1	0.530	20.24	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	17.31	0	North	HG211	QPSK	50	50	10 mm	front	1:1	0.644	19.22	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	17.27	0	North	HG211	QPSK	50	50	10 mm	front	1:1	0.580	19.64	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.46	0	North	HG211	QPSK	100	0	10 mm	front	1:1	0.529	20.23	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.47	0	North	HG211	QPSK	1	0	10 mm	top	1:1	0.226	23.93	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.48	0	North	HG211	QPSK	50	25	10 mm	top	1:1	0.253	23.45	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.47	0	North	HG211	QPSK	1	0	10 mm	right	1:1	0.133	26.23	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	17.48	0	North	HG211	QPSK	50	25	10 mm	right	1:1	0.148	25.78	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT 	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 30 of 52

Table A1-53
DSI = 4 P_{Limit} Calculations – LTE Band 66 (AWS) Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.65	0	South	KS211	QPSK	1	0	10 mm	back	1:1	0.357	22.12	21.53
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.51	0	South	KS211	QPSK	50	25	10 mm	back	1:1	0.396	21.53	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.65	0	South	KS211	QPSK	1	0	10 mm	front	1:1	0.082	28.51	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.51	0	South	KS211	QPSK	50	25	10 mm	front	1:1	0.089	28.02	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.65	0	South	KS211	QPSK	1	0	10 mm	bottom	1:1	0.126	26.65	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.51	0	South	KS211	QPSK	50	25	10 mm	bottom	1:1	0.145	25.90	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.65	0	South	KS211	QPSK	1	0	10 mm	right	1:1	0.234	23.96	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.51	0	South	KS211	QPSK	50	25	10 mm	right	1:1	0.232	23.86	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.47	0	North	HG211	QPSK	1	0	10 mm	back	1:1	0.621	19.54	19.12
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.32	0	North	HG211	QPSK	1	0	10 mm	back	1:1	0.644	19.23	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	17.15	0	North	HG211	QPSK	1	99	10 mm	back	1:1	0.614	19.27	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.48	0	North	HG211	QPSK	50	25	10 mm	back	1:1	0.658	19.30	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Closed	17.31	0	North	HG211	QPSK	50	50	10 mm	back	1:1	0.625	19.35	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	17.16	0	North	HG211	QPSK	50	0	10 mm	back	1:1	0.541	19.83	
1770.00	132572	High	LTE Band 66 (AWS)	20	Closed	17.27	0	North	HG211	QPSK	50	50	10 mm	back	1:1	0.653	19.12	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.46	0	North	HG211	QPSK	100	0	10 mm	back	1:1	0.655	19.30	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.47	0	North	HG211	QPSK	1	0	10 mm	front	1:1	0.255	23.40	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.48	0	North	HG211	QPSK	50	25	10 mm	front	1:1	0.264	23.26	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.47	0	North	HG211	QPSK	1	0	10 mm	top	1:1	0.357	21.94	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.48	0	North	HG211	QPSK	50	25	10 mm	top	1:1	0.385	21.63	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.47	0	North	HG211	QPSK	1	0	10 mm	right	1:1	0.202	24.42	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Closed	17.48	0	North	HG211	QPSK	50	25	10 mm	right	1:1	0.213	24.20	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT 	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 31 of 52

Table A1-54
DSI = 4 P_{Limit} Calculations – LTE Band 25 (PCS) Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
																(W/kg)		
MHz	Ch.																	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.92	0	South	JW211	QPSK	1	99	10 mm	back	1:1	0.159	28.91	23.04
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.95	0	South	JW211	QPSK	50	0	10 mm	back	1:1	0.150	29.19	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.92	0	South	JW211	QPSK	1	99	10 mm	front	1:1	0.572	23.35	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	20.81	0	South	JW211	QPSK	1	99	10 mm	front	1:1	0.599	23.04	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flip	20.66	0	South	JW211	QPSK	1	50	10 mm	front	1:1	0.554	23.22	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.95	0	South	JW211	QPSK	50	0	10 mm	front	1:1	0.498	23.98	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.92	0	South	JW211	QPSK	1	99	10 mm	bottom	1:1	0.237	27.17	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.95	0	South	JW211	QPSK	50	0	10 mm	bottom	1:1	0.203	27.88	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.92	0	South	JW211	QPSK	1	99	10 mm	right	1:1	0.463	24.26	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	20.95	0	South	JW211	QPSK	50	0	10 mm	right	1:1	0.462	24.30	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.46	0	North	JW211	QPSK	1	99	10 mm	back	1:1	0.128	27.39	20.18
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.61	0	North	JW211	QPSK	50	50	10 mm	back	1:1	0.147	26.94	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Flip	18.43	0	North	JW211	QPSK	1	99	10 mm	front	1:1	0.668	20.18	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.46	0	North	JW211	QPSK	1	99	10 mm	front	1:1	0.578	20.84	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flip	18.34	0	North	JW211	QPSK	1	0	10 mm	front	1:1	0.533	21.07	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.61	0	North	JW211	QPSK	50	50	10 mm	front	1:1	0.577	21.00	
1905.00	26590	High	LTE Band 25 (PCS)	20	Flip	18.54	0	North	JW211	QPSK	100	0	10 mm	front	1:1	0.603	20.74	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.46	0	North	JW211	QPSK	1	99	10 mm	top	1:1	0.351	23.01	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.61	0	North	JW211	QPSK	50	50	10 mm	top	1:1	0.340	23.30	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.46	0	North	JW211	QPSK	1	99	10 mm	right	1:1	0.159	26.45	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Flip	18.61	0	North	JW211	QPSK	50	50	10 mm	right	1:1	0.146	26.97	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT 	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 32 of 52

Table A1-55
DSI = 4 P_{Limit} Calculations – LTE Band 25 (PCS) Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
																(W/kg)		
MHz	Ch.																	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.92	0	South	JW211	QPSK	1	99	10 mm	back	1:1	0.622	22.98	22.30
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.95	0	South	JW211	QPSK	50	0	10 mm	back	1:1	0.732	22.30	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	20.86	0	South	JW211	QPSK	50	25	10 mm	back	1:1	0.566	23.33	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	20.86	0	South	JW211	QPSK	50	0	10 mm	back	1:1	0.461	24.22	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	20.82	0	South	JW211	QPSK	100	0	10 mm	back	1:1	0.455	24.24	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.92	0	South	JW211	QPSK	1	99	10 mm	front	1:1	0.126	29.92	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.95	0	South	JW211	QPSK	50	0	10 mm	front	1:1	0.153	29.10	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.92	0	South	JW211	QPSK	1	99	10 mm	bottom	1:1	0.184	28.27	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.95	0	South	JW211	QPSK	50	0	10 mm	bottom	1:1	0.217	27.59	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.92	0	South	JW211	QPSK	1	99	10 mm	right	1:1	0.453	24.36	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	20.95	0	South	JW211	QPSK	50	0	10 mm	right	1:1	0.512	23.86	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	18.43	0	North	JW211	QPSK	1	99	10 mm	back	1:1	0.599	20.66	20.31
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.46	0	North	JW211	QPSK	1	99	10 mm	back	1:1	0.611	20.60	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.34	0	North	JW211	QPSK	1	0	10 mm	back	1:1	0.631	20.34	
1860.00	26140	Low	LTE Band 25 (PCS)	20	Closed	18.49	0	North	JW211	QPSK	50	25	10 mm	back	1:1	0.644	20.40	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.61	0	North	JW211	QPSK	50	50	10 mm	back	1:1	0.639	20.56	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.49	0	North	JW211	QPSK	50	0	10 mm	back	1:1	0.657	20.31	
1905.00	26590	High	LTE Band 25 (PCS)	20	Closed	18.54	0	North	JW211	QPSK	100	0	10 mm	back	1:1	0.661	20.34	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.46	0	North	JW211	QPSK	1	99	10 mm	front	1:1	0.181	25.88	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.61	0	North	JW211	QPSK	50	50	10 mm	front	1:1	0.189	25.85	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.46	0	North	JW211	QPSK	1	99	10 mm	top	1:1	0.412	22.31	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.61	0	North	JW211	QPSK	50	50	10 mm	top	1:1	0.432	22.26	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.46	0	North	JW211	QPSK	1	99	10 mm	right	1:1	0.242	24.62	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	Closed	18.61	0	North	JW211	QPSK	50	50	10 mm	right	1:1	0.237	24.86	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 33 of 52		

Table A1-56
DSI = 4 P_{Limit} Calculations – LTE Band 30 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																
2310.00	27710	Mid	LTE Band 30	10	Flip	21.88	0	South	YT212	QPSK	1	0	10 mm	back	1:1	0.102	31.79	24.45
2310.00	27710	Mid	LTE Band 30	10	Flip	21.90	0	South	YT212	QPSK	25	12	10 mm	back	1:1	0.106	31.65	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.88	0	South	YT212	QPSK	1	0	10 mm	front	1:1	0.553	24.45	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.90	0	South	YT212	QPSK	25	12	10 mm	front	1:1	0.527	24.68	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.88	0	South	YT212	QPSK	1	0	10 mm	bottom	1:1	0.382	26.06	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.90	0	South	YT212	QPSK	25	12	10 mm	bottom	1:1	0.409	25.78	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.88	0	South	YT212	QPSK	1	0	10 mm	right	1:1	0.162	29.78	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.90	0	South	YT212	QPSK	25	12	10 mm	right	1:1	0.151	30.11	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.67	0	North	YT212	QPSK	1	0	10 mm	back	1:1	0.029	37.05	25.76
2310.00	27710	Mid	LTE Band 30	10	Flip	20.73	1	North	YT212	QPSK	25	12	10 mm	back	1:1	0.026	36.58	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.67	0	North	YT212	QPSK	1	0	10 mm	front	1:1	0.381	25.86	
2310.00	27710	Mid	LTE Band 30	10	Flip	20.73	1	North	YT212	QPSK	25	12	10 mm	front	1:1	0.314	25.76	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.67	0	North	YT212	QPSK	1	0	10 mm	top	1:1	0.162	29.57	
2310.00	27710	Mid	LTE Band 30	10	Flip	20.73	1	North	YT212	QPSK	25	12	10 mm	top	1:1	0.133	29.49	
2310.00	27710	Mid	LTE Band 30	10	Flip	21.67	0	North	YT212	QPSK	1	0	10 mm	right	1:1	0.199	28.68	
2310.00	27710	Mid	LTE Band 30	10	Flip	20.73	1	North	YT212	QPSK	25	12	10 mm	right	1:1	0.160	28.69	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-57
DSI = 4 P_{Limit} Calculations – LTE Band 30 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.															(W/kg)		
2310.00	27710	Mid	LTE Band 30	10	Closed	21.88	0	South	LT211	QPSK	1	0	10 mm	back	1:1	0.489	24.99	24.21
2310.00	27710	Mid	LTE Band 30	10	Closed	21.90	0	South	LT211	QPSK	25	12	10 mm	back	1:1	0.511	24.82	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.88	0	South	LT211	QPSK	1	0	10 mm	front	1:1	0.258	27.76	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.90	0	South	LT211	QPSK	25	12	10 mm	front	1:1	0.259	27.77	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.88	0	South	LT211	QPSK	1	0	10 mm	bottom	1:1	0.576	24.28	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.90	0	South	LT211	QPSK	25	12	10 mm	bottom	1:1	0.588	24.21	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.88	0	South	LT211	QPSK	1	0	10 mm	right	1:1	0.169	29.60	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.90	0	South	LT211	QPSK	25	12	10 mm	right	1:1	0.178	29.40	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.67	0	North	YT212	QPSK	1	0	10 mm	back	1:1	0.523	24.48	24.26
2310.00	27710	Mid	LTE Band 30	10	Closed	20.73	1	North	YT212	QPSK	25	12	10 mm	back	1:1	0.444	24.26	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.67	0	North	YT212	QPSK	1	0	10 mm	front	1:1	0.134	30.40	
2310.00	27710	Mid	LTE Band 30	10	Closed	20.73	1	North	YT212	QPSK	25	12	10 mm	front	1:1	0.109	30.36	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.67	0	North	YT212	QPSK	1	0	10 mm	top	1:1	0.215	28.35	
2310.00	27710	Mid	LTE Band 30	10	Closed	20.73	1	North	YT212	QPSK	25	12	10 mm	top	1:1	0.178	28.23	
2310.00	27710	Mid	LTE Band 30	10	Closed	21.67	0	North	YT212	QPSK	1	0	10 mm	right	1:1	0.194	28.79	
2310.00	27710	Mid	LTE Band 30	10	Closed	20.73	1	North	YT212	QPSK	25	12	10 mm	right	1:1	0.148	29.03	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 PCTEST Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 34 of 52		

Table A1-58
DSI = 4 P_{Limit} Calculations – LTE Band 7 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																
2510.00	20850	Low	LTE Band 7	20	Flip	18.96	0	South	YT212	QPSK	1	0	10 mm	back	1:1	0.099	29.00	23.71
2510.00	20850	Low	LTE Band 7	20	Flip	18.97	0	South	YT212	QPSK	50	25	10 mm	back	1:1	0.104	28.80	
2510.00	20850	Low	LTE Band 7	20	Flip	18.96	0	South	YT212	QPSK	1	0	10 mm	front	1:1	0.313	24.00	
2510.00	20850	Low	LTE Band 7	20	Flip	18.97	0	South	YT212	QPSK	50	25	10 mm	front	1:1	0.311	24.04	
2510.00	20850	Low	LTE Band 7	20	Flip	18.96	0	South	YT212	QPSK	1	0	10 mm	bottom	1:1	0.319	23.92	
2510.00	20850	Low	LTE Band 7	20	Flip	18.97	0	South	YT212	QPSK	50	25	10 mm	bottom	1:1	0.336	23.71	
2510.00	20850	Low	LTE Band 7	20	Flip	18.96	0	South	YT212	QPSK	1	0	10 mm	right	1:1	0.060	31.18	
2510.00	20850	Low	LTE Band 7	20	Flip	18.97	0	South	YT212	QPSK	50	25	10 mm	right	1:1	0.065	30.84	
2510.00	20850	Low	LTE Band 7	20	Flip	19.87	0	North	GH211	QPSK	1	99	10 mm	back	1:1	0.056	32.39	23.90
2510.00	20850	Low	LTE Band 7	20	Flip	19.91	0	North	GH211	QPSK	50	25	10 mm	back	1:1	0.059	32.20	
2510.00	20850	Low	LTE Band 7	20	Flip	19.87	0	North	GH211	QPSK	1	99	10 mm	front	1:1	0.359	24.32	
2510.00	20850	Low	LTE Band 7	20	Flip	19.91	0	North	GH211	QPSK	50	25	10 mm	front	1:1	0.375	24.17	
2510.00	20850	Low	LTE Band 7	20	Flip	19.85	0	North	GH211	QPSK	50	50	10 mm	front	1:1	0.394	23.90	
2510.00	20850	Low	LTE Band 7	20	Flip	19.87	0	North	GH211	QPSK	1	99	10 mm	top	1:1	0.310	24.96	
2510.00	20850	Low	LTE Band 7	20	Flip	19.91	0	North	GH211	QPSK	50	25	10 mm	top	1:1	0.308	25.02	
2510.00	20850	Low	LTE Band 7	20	Flip	19.87	0	North	GH211	QPSK	1	99	10 mm	right	1:1	0.104	29.70	
2510.00	20850	Low	LTE Band 7	20	Flip	19.91	0	North	GH211	QPSK	50	25	10 mm	right	1:1	0.117	29.23	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body											
Spatial Peak							1.6 W/kg (mW/g)											
Uncontrolled Exposure/General Population							averaged over 1 gram											

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

Table A1-59
DSI = 4 P_{Limit} Calculations – LTE Band 7 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																
2510.00	20850	Low	LTE Band 7	20	Closed	18.96	0	South	YT212	QPSK	1	0	10 mm	back	1:1	0.610	21.11	20.75
2510.00	20850	Low	LTE Band 7	20	Closed	18.97	0	South	YT212	QPSK	50	25	10 mm	back	1:1	0.633	20.96	
2535.00	21100	Mid	LTE Band 7	20	Closed	18.91	0	South	YT212	QPSK	50	50	10 mm	back	1:1	0.654	20.75	
2560.00	21350	High	LTE Band 7	20	Closed	18.83	0	South	YT212	QPSK	50	25	10 mm	back	1:1	0.591	21.11	
2510.00	20850	Low	LTE Band 7	20	Closed	18.95	0	South	YT212	QPSK	100	0	10 mm	back	1:1	0.574	21.36	
2510.00	20850	Low	LTE Band 7	20	Closed	18.96	0	South	YT212	QPSK	1	0	10 mm	front	1:1	0.150	27.20	
2510.00	20850	Low	LTE Band 7	20	Closed	18.97	0	South	YT212	QPSK	50	25	10 mm	front	1:1	0.159	26.96	
2510.00	20850	Low	LTE Band 7	20	Closed	18.96	0	South	YT212	QPSK	1	0	10 mm	bottom	1:1	0.460	22.33	
2510.00	20850	Low	LTE Band 7	20	Closed	18.97	0	South	YT212	QPSK	50	25	10 mm	bottom	1:1	0.498	22.00	
2510.00	20850	Low	LTE Band 7	20	Closed	18.96	0	South	YT212	QPSK	1	0	10 mm	right	1:1	0.072	30.39	
2510.00	20850	Low	LTE Band 7	20	Closed	18.97	0	South	YT212	QPSK	50	25	10 mm	right	1:1	0.080	29.94	25.41
2510.00	20850	Low	LTE Band 7	20	Closed	19.87	0	North	GH211	QPSK	1	99	10 mm	back	1:1	0.153	28.02	
2510.00	20850	Low	LTE Band 7	20	Closed	19.91	0	North	GH211	QPSK	50	25	10 mm	back	1:1	0.145	28.30	
2510.00	20850	Low	LTE Band 7	20	Closed	19.87	0	North	GH211	QPSK	1	99	10 mm	front	1:1	0.059	32.16	
2510.00	20850	Low	LTE Band 7	20	Closed	19.91	0	North	GH211	QPSK	50	25	10 mm	front	1:1	0.059	32.20	
2510.00	20850	Low	LTE Band 7	20	Closed	19.87	0	North	GH211	QPSK	1	99	10 mm	top	1:1	0.265	25.64	
2510.00	20850	Low	LTE Band 7	20	Closed	19.91	0	North	GH211	QPSK	50	25	10 mm	top	1:1	0.282	25.41	
2510.00	20850	Low	LTE Band 7	20	Closed	19.87	0	North	GH211	QPSK	1	99	10 mm	right	1:1	0.036	34.31	
2510.00	20850	Low	LTE Band 7	20	Closed	19.91	0	North	GH211	QPSK	50	25	10 mm	right	1:1	0.035	34.47	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT							Body											
Spatial Peak							1.6 W/kg (mW/g)											
Uncontrolled Exposure/General Population							averaged over 1 gram											

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT	 Approved by: Quality Manager
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Table A1-60
DSI = 4 P_{Limit} Calculations – LTE Band 48 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit
MHz	Ch.														(W/kg)	
3646.70	56207	Mid-High	LTE Band 48	Flip	20.43	0	South	HX211	QPSK	1	99	10 mm	back	1:1.58	0.240	24.64
3646.70	56207	Mid-High	LTE Band 48	Flip	20.53	0	South	HX211	QPSK	50	50	10 mm	back	1:1.58	0.251	24.55
3646.70	56207	Mid-High	LTE Band 48	Flip	20.43	0	South	HX211	QPSK	1	99	10 mm	front	1:1.58	0.375	22.70
3646.70	56207	Mid-High	LTE Band 48	Flip	20.53	0	South	HX211	QPSK	50	50	10 mm	front	1:1.58	0.389	22.64
3646.70	56207	Mid-High	LTE Band 48	Flip	20.43	0	South	HX211	QPSK	1	99	10 mm	bottom	1:1.58	0.483	21.60
3646.70	56207	Mid-High	LTE Band 48	Flip	20.53	0	South	HX211	QPSK	50	50	10 mm	bottom	1:1.58	0.502	21.54
3646.70	56207	Mid-High	LTE Band 48	Flip	20.43	0	South	HX211	QPSK	1	99	10 mm	right	1:1.58	0.104	28.27
3646.70	56207	Mid-High	LTE Band 48	Flip	20.53	0	South	HX211	QPSK	50	50	10 mm	right	1:1.58	0.106	28.29
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Body 1.6 W/kg (mW/g) averaged over 1 gram										

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

Table A1-61
DSI = 4 P_{Limit} Calculations – LTE Band 48 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit
MHz	Ch.														(W/kg)	
3646.70	56207	Mid-High	LTE Band 48	Closed	20.43	0	South	HX211	QPSK	1	99	10 mm	back	1:1.58	0.372	22.74
3646.70	56207	Mid-High	LTE Band 48	Closed	20.53	0	South	HX211	QPSK	50	50	10 mm	back	1:1.58	0.395	22.58
3646.70	56207	Mid-High	LTE Band 48	Closed	20.43	0	South	HX211	QPSK	1	99	10 mm	front	1:1.58	0.136	27.11
3646.70	56207	Mid-High	LTE Band 48	Closed	20.53	0	South	HX211	QPSK	50	50	10 mm	front	1:1.58	0.140	27.08
3646.70	56207	Mid-High	LTE Band 48	Closed	20.43	0	South	HX211	QPSK	1	99	10 mm	bottom	1:1.58	0.260	24.29
3646.70	56207	Mid-High	LTE Band 48	Closed	20.53	0	South	HX211	QPSK	50	50	10 mm	bottom	1:1.58	0.273	24.18
3646.70	56207	Mid-High	LTE Band 48	Closed	20.43	0	South	HX211	QPSK	1	99	10 mm	right	1:1.58	0.176	25.99
3646.70	56207	Mid-High	LTE Band 48	Closed	20.53	0	South	HX211	QPSK	50	50	10 mm	right	1:1.58	0.176	26.09
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population						Body 1.6 W/kg (mW/g) averaged over 1 gram										

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

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Table A1-62
DSI = 4 P_{Limit} Calculations – LTE Band 41 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plim it	Overall Plimit	
MHz	Ch.														(W/kg)			
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.61	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.079	29.65	22.21
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.59	0	South	YT212	QPSK	50	25	10 mm	back	1:1.58	0.101	28.56	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.61	0	South	YT212	QPSK	1	0	10 mm	front	1:1.58	0.421	22.38	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.59	0	South	YT212	QPSK	50	25	10 mm	front	1:1.58	0.436	22.21	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.61	0	South	YT212	QPSK	1	0	10 mm	bottom	1:1.58	0.413	22.46	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.59	0	South	YT212	QPSK	50	25	10 mm	bottom	1:1.58	0.424	22.33	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.61	0	South	YT212	QPSK	1	0	10 mm	right	1:1.58	0.141	27.13	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	20.59	0	South	YT212	QPSK	50	25	10 mm	right	1:1.58	0.135	27.30	
2680.00	41490	High	LTE Band 41	20	Flip	22.18	0	North	HX211	QPSK	1	0	10 mm	back	1:1.58	0.126	29.19	22.51
2680.00	41490	High	LTE Band 41	20	Flip	22.28	0	North	HX211	QPSK	50	25	10 mm	back	1:1.58	0.129	29.19	
2506.00	39750	Low	LTE Band 41	20	Flip	21.68	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.344	24.33	
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.67	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.279	25.23	
2593.00	40620	Mid	LTE Band 41	20	Flip	21.94	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.308	25.07	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	22.06	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.439	23.65	
2680.00	41490	High	LTE Band 41	20	Flip	22.18	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.510	23.12	
2680.00	41490	High	LTE Band 41	20	Flip	22.28	0	North	HX211	QPSK	50	25	10 mm	front	1:1.58	0.498	23.32	
2680.00	41490	High	LTE Band 41	20	Flip	22.17	0	North	HX211	QPSK	100	0	10 mm	front	1:1.58	0.347	24.78	
2506.00	39750	Low	LTE Band 41	20	Flip	21.68	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.428	23.38	
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.67	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.425	23.40	
2593.00	40620	Mid	LTE Band 41	20	Flip	21.94	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.512	22.86	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	22.06	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.505	23.04	
2680.00	41490	High	LTE Band 41	20	Flip	22.18	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.570	22.64	
2506.00	39750	Low	LTE Band 41	20	Flip	21.81	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.440	23.39	
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.83	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.453	23.28	
2593.00	40620	Mid	LTE Band 41	20	Flip	22.02	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.510	22.96	
2636.50	41055	Mid-High	LTE Band 41	20	Flip	22.13	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.520	22.98	
2680.00	41490	High	LTE Band 41	20	Flip	22.28	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.591	22.58	
2680.00	41490	High	LTE Band 41	20	Flip	22.17	0	North	HX211	QPSK	100	0	10 mm	top	1:1.58	0.586	22.51	
2680.00	41490	High	LTE Band 41	20	Flip	22.18	0	North	HX211	QPSK	1	0	10 mm	right	1:1.58	0.081	31.11	
2680.00	41490	High	LTE Band 41	20	Flip	22.28	0	North	HX211	QPSK	50	25	10 mm	right	1:1.58	0.081	31.21	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Body												
Spatial Peak						1.6 W/kg (mW/g)												
Uncontrolled Exposure/General Population						averaged over 1 gram												

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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Table A1-63
DSI = 4 P_{Limit} Calculations – LTE Band 41 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Device Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
2506.00	39750	Low	LTE Band 41	20	Closed	20.35	0	South	YT212	QPSK	1	50	10 mm	back	1:1.58	0.442	21.91
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	20.40	0	South	YT212	QPSK	1	50	10 mm	back	1:1.58	0.449	21.89
2593.00	40620	Mid	LTE Band 41	20	Closed	20.53	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.492	21.62
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.61	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.530	21.38
2680.00	41490	High	LTE Band 41	20	Closed	20.49	0	South	YT212	QPSK	1	0	10 mm	back	1:1.58	0.514	21.39
2506.00	39750	Low	LTE Band 41	20	Closed	20.39	0	South	YT212	QPSK	50	0	10 mm	back	1:1.58	0.471	21.67
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	20.29	0	South	YT212	QPSK	50	50	10 mm	back	1:1.58	0.475	21.54
2593.00	40620	Mid	LTE Band 41	20	Closed	20.58	0	South	YT212	QPSK	50	25	10 mm	back	1:1.58	0.508	21.54
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.59	0	South	YT212	QPSK	50	25	10 mm	back	1:1.58	0.531	21.35
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.54	0	South	YT212	QPSK	50	50	10 mm	back	1:1.58	0.520	21.39
2680.00	41490	High	LTE Band 41	20	Closed	20.42	0	South	YT212	QPSK	50	50	10 mm	back	1:1.58	0.489	21.54
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.58	0	South	YT212	QPSK	100	0	10 mm	back	1:1.58	0.496	21.64
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.61	0	South	YT212	QPSK	1	0	10 mm	front	1:1.58	0.172	26.27
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.59	0	South	YT212	QPSK	50	25	10 mm	front	1:1.58	0.171	26.27
2506.00	39750	Low	LTE Band 41	20	Closed	20.35	0	South	YT212	QPSK	1	50	10 mm	bottom	1:1.58	0.394	22.41
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	20.40	0	South	YT212	QPSK	1	50	10 mm	bottom	1:1.58	0.479	21.61
2593.00	40620	Mid	LTE Band 41	20	Closed	20.53	0	South	YT212	QPSK	1	0	10 mm	bottom	1:1.58	0.500	21.55
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.61	0	South	YT212	QPSK	1	0	10 mm	bottom	1:1.58	0.546	21.25
2680.00	41490	High	LTE Band 41	20	Closed	20.49	0	South	YT212	QPSK	1	0	10 mm	bottom	1:1.58	0.498	21.53
2506.00	39750	Low	LTE Band 41	20	Closed	20.39	0	South	YT212	QPSK	50	0	10 mm	bottom	1:1.58	0.406	22.32
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	20.29	0	South	YT212	QPSK	50	50	10 mm	bottom	1:1.58	0.492	21.38
2593.00	40620	Mid	LTE Band 41	20	Closed	20.58	0	South	YT212	QPSK	50	25	10 mm	bottom	1:1.58	0.511	21.51
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.59	0	South	YT212	QPSK	50	25	10 mm	bottom	1:1.58	0.542	21.26
2680.00	41490	High	LTE Band 41	20	Closed	20.42	0	South	YT212	QPSK	50	50	10 mm	bottom	1:1.58	0.468	21.73
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.58	0	South	YT212	QPSK	100	0	10 mm	bottom	1:1.58	0.531	21.34
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.61	0	South	YT212	QPSK	1	0	10 mm	right	1:1.58	0.068	30.30
2636.50	41055	Mid-High	LTE Band 41	20	Closed	20.59	0	South	YT212	QPSK	50	25	10 mm	right	1:1.58	0.066	30.41
2680.00	41490	High	LTE Band 41	20	Closed	22.18	0	North	HX211	QPSK	1	0	10 mm	back	1:1.58	0.485	23.34
2680.00	41490	High	LTE Band 41	20	Closed	22.28	0	North	HX211	QPSK	50	25	10 mm	back	1:1.58	0.496	23.34
2680.00	41490	High	LTE Band 41	20	Closed	22.18	0	North	HX211	QPSK	1	0	10 mm	front	1:1.58	0.188	27.45
2680.00	41490	High	LTE Band 41	20	Closed	22.28	0	North	HX211	QPSK	50	25	10 mm	front	1:1.58	0.187	27.58
2506.00	39750	Low	LTE Band 41	20	Closed	21.68	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.406	23.61
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	21.67	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.404	23.62
2593.00	40620	Mid	LTE Band 41	20	Closed	21.94	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.481	23.13
2636.50	41055	Mid-High	LTE Band 41	20	Closed	22.06	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.549	22.68
2680.00	41490	High	LTE Band 41	20	Closed	22.18	0	North	HX211	QPSK	1	0	10 mm	top	1:1.58	0.636	22.16
2506.00	39750	Low	LTE Band 41	20	Closed	21.81	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.421	23.58
2549.50	40185	Low-Mid	LTE Band 41	20	Closed	21.83	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.422	23.59
2593.00	40620	Mid	LTE Band 41	20	Closed	22.02	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.474	23.28
2636.50	41055	Mid-High	LTE Band 41	20	Closed	22.13	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.558	22.68
2680.00	41490	High	LTE Band 41	20	Closed	22.28	0	North	HX211	QPSK	50	25	10 mm	top	1:1.58	0.629	22.31
2680.00	41490	High	LTE Band 41	20	Closed	22.17	0	North	HX211	QPSK	100	0	10 mm	top	1:1.58	0.619	22.27
2680.00	41490	High	LTE Band 41	20	Closed	22.18	0	North	HX211	QPSK	1	0	10 mm	right	1:1.58	0.080	31.16
2680.00	41490	High	LTE Band 41	20	Closed	22.28	0	North	HX211	QPSK	50	25	10 mm	right	1:1.58	0.078	31.37
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Body											
Spatial Peak						1.6 W/kg (mW/g)											

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

FCC ID: C3K1995	 PART 0 SAR CHAR REPORT 	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 38 of 52

Table A1-64
DSI = 4 P_{Limit} Calculations – NR Band n71 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.124	32.00	27.32
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.129	31.64	
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.343	27.58	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.349	27.32	
680.50	136100	Mid	NR Band n71	20	Flip	21.47	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1:1	0.260	27.32	
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.122	32.07	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1:1	0.134	31.48	
680.50	136100	Mid	NR Band n71	20	Flip	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.262	28.75	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.250	28.77	27.12
680.50	136100	Mid	NR Band n71	20	Flip	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.116	32.11	
680.50	136100	Mid	NR Band n71	20	Flip	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.111	32.16	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.359	27.20	
680.50	136100	Mid	NR Band n71	20	Flip	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.354	27.12	
680.50	136100	Mid	NR Band n71	20	Flip	21.49	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1:1	0.270	27.18	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	top	1:1	0.109	32.38	
680.50	136100	Mid	NR Band n71	20	Flip	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	top	1:1	0.123	31.71	
680.50	136100	Mid	NR Band n71	20	Flip	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.217	29.39	29.03
680.50	136100	Mid	NR Band n71	20	Flip	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.228	29.03	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak								Body 1.6 W/kg (mW/g)											

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

Table A1-65
DSI = 4 P_{Limit} Calculations – NR Band n71 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																	
680.50	136100	Mid	NR Band n71	20	Closed	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.303	28.12	27.81
680.50	136100	Mid	NR Band n71	20	Closed	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.312	27.81	
680.50	136100	Mid	NR Band n71	20	Closed	21.47	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.227	27.91	
680.50	136100	Mid	NR Band n71	20	Closed	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.101	32.89	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.102	32.66	
680.50	136100	Mid	NR Band n71	20	Closed	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1.1	0.108	32.60	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1.1	0.096	32.93	
680.50	136100	Mid	NR Band n71	20	Closed	22.93	South	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1.1	0.101	32.89	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	South	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1.1	0.116	32.11	28.75
680.50	136100	Mid	NR Band n71	20	Closed	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.251	28.75	
680.50	136100	Mid	NR Band n71	20	Closed	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.237	28.86	
680.50	136100	Mid	NR Band n71	20	Closed	21.49	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1.1	0.188	28.75	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.117	32.07	
680.50	136100	Mid	NR Band n71	20	Closed	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.125	31.64	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	top	1.1	0.108	32.42	
680.50	136100	Mid	NR Band n71	20	Closed	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	top	1.1	0.104	32.44	
680.50	136100	Mid	NR Band n71	20	Closed	22.75	North	0.0	J2211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1.1	0.119	31.99	32.93
680.50	136100	Mid	NR Band n71	20	Closed	22.61	North	0.0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1.1	0.093	32.93	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 39 of 52		

Table A1-66
DSI = 4 P_{Limit} Calculations – NR Band n5 (Cell) Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	back	1.1	0.172	30.63	25.74
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.170	30.62	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	front	1.1	0.468	26.29	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.508	25.86	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	21.72	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.396	25.74	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	bottom	1.1	0.297	28.26	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1.1	0.265	28.69	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	right	1.1	0.173	30.61	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1.1	0.193	30.06	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	back	1.1	0.171	30.59	25.48
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1.1	0.164	30.73	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	front	1.1	0.513	25.82	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1.1	0.519	25.73	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	21.63	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.412	25.48	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	top	1.1	0.308	28.03	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	top	1.1	0.298	28.14	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	right	1.1	0.100	32.92	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1.1	0.110	32.47	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak								Body 1.6 W/kg (mW/g) averaged over 1 gram											
Uncontrolled Exposure/General Population																			

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

Table A1-67
DSI = 4 P_{Limit} Calculations – NR Band n5 (Cell) Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	back	1:1	0.304	28.16	26.92
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.345	27.54	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	21.72	South	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.302	26.92	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	front	1:1	0.183	30.37	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.216	29.58	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	bottom	1:1	0.212	29.73	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1:1	0.197	29.98	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.99	South	0	J2211	DFT-S-OFDM	QPSK	1	104	10 mm	right	1:1	0.116	32.35	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.145	31.31	27.76
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	back	1:1	0.284	28.39	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.288	28.29	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	21.63	North	1.5	J2211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.244	27.76	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	front	1:1	0.225	29.40	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.228	29.30	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	top	1:1	0.220	29.50	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	top	1:1	0.218	29.50	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.92	North	0	J2211	DFT-S-OFDM	QPSK	1	53	10 mm	right	1:1	0.128	31.85	
836.50	167300	Mid	NR Band n5 (Cell)	20	Closed	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.122	32.02	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 40 of 52		

Table A1-68
DSI = 4 P_{Limit} Calculations – NR Band n66 (AWS) Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1:1	0.145	26.20	20.06
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1:1	0.149	26.07	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1:1	0.561	20.32	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1:1	0.544	20.44	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.75	South	0	M3211	CP-OFDM	QPSK	1	1	10 mm	front	1:1	0.587	20.06	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	bottom	1:1	0.287	23.23	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	bottom	1:1	0.276	23.39	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	right	1:1	0.345	22.43	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	right	1:1	0.345	22.42	19.90
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1:1	0.154	25.96	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1:1	0.163	25.78	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1:1	0.594	20.10	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1:1	0.599	20.13	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.65	North	0	H7211	CP-OFDM	QPSK	1	1	10 mm	front	1:1	0.596	19.90	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	top	1:1	0.289	23.23	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	top	1:1	0.319	22.86	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	right	1:1	0.170	25.54	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	right	1:1	0.184	25.25	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak							Body 1.6 W/kg (mW/g)												
Uncontrolled Exposure/General Population							averaged over 1 gram												

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

Table A1-69
DSI = 4 P_{Limit} Calculations – NR Band n66 (AWS) Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1:1	0.272	23.46	22.79
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1:1	0.262	23.62	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.75	South	0	M3211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.313	22.79	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1:1	0.062	29.89	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1:1	0.062	29.88	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	bottom	1:1	0.137	26.44	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	bottom	1:1	0.109	27.43	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	10 mm	right	1:1	0.236	24.08	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	10 mm	right	1:1	0.247	23.87	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	back	1:1	0.485	20.98	20.78
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	back	1:1	0.452	21.35	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.65	North	0	H7211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.486	20.78	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	front	1:1	0.269	23.54	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	front	1:1	0.238	24.13	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	top	1:1	0.458	21.23	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	top	1:1	0.432	21.55	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	10 mm	right	1:1	0.225	24.32	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Closed	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	10 mm	right	1:1	0.213	24.62	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram												

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 41 of 52		

Table A1-70
DSI = 4 P_{Limit} Calculations – NR Band n25 (PCS) Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.156	28.76	22.75
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	back	1.1	0.160	28.55	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.504	23.67	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	front	1.1	0.584	22.93	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.78	South	0	KF211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.505	22.75	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1.1	0.196	27.77	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	bottom	1.1	0.259	26.46	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1.1	0.348	25.27	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	right	1.1	0.477	23.80	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.06	North	0	M6211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1.1	0.157	27.10	20.31
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.86	North	0	M6211	DFT-S-OFDM	QPSK	108	0	10 mm	back	1.1	0.177	26.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.06	North	0	M6211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1.1	0.628	21.08	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.86	North	0	M6211	DFT-S-OFDM	QPSK	108	0	10 mm	front	1.1	0.663	20.64	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.77	North	0	M6211	DFT-S-OFDM	QPSK	216	0	10 mm	front	1.1	0.701	20.31	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.03	North	0	M6211	CP-OFDM	QPSK	1	1	10 mm	front	1.1	0.596	21.28	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.06	North	0	M6211	DFT-S-OFDM	QPSK	1	1	10 mm	top	1.1	0.330	23.87	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.86	North	0	M6211	DFT-S-OFDM	QPSK	108	0	10 mm	top	1.1	0.350	23.42	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.06	North	0	M6211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1.1	0.166	26.86	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	18.86	North	0	M6211	DFT-S-OFDM	QPSK	108	0	10 mm	right	1.1	0.187	26.14	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

Table A1-71
DSI = 4 P_{Limit} Calculations – NR Band n25 (PCS) Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.607	22.86	22.00
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	back	1:1	0.589	22.89	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.78	South	0	KF211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.600	22.00	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.188	27.95	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	front	1:1	0.125	29.62	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.196	27.77	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	bottom	1:1	0.169	28.31	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.69	South	0	KF211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.471	23.96	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	10 mm	right	1:1	0.431	24.25	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.06	North	0	H7211	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.634	21.04	20.54
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.86	North	0	H7211	DFT-S-OFDM	QPSK	108	0	10 mm	back	1:1	0.679	20.54	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.77	North	0	H7211	DFT-S-OFDM	QPSK	216	0	10 mm	back	1:1	0.654	20.61	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.03	North	0	H7211	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.636	21.00	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.06	North	0	H7211	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.200	26.05	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.86	North	0	H7211	DFT-S-OFDM	QPSK	108	0	10 mm	front	1:1	0.226	25.32	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.06	North	0	H7211	DFT-S-OFDM	QPSK	1	1	10 mm	top	1:1	0.417	22.86	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.86	North	0	H7211	DFT-S-OFDM	QPSK	108	0	10 mm	top	1:1	0.417	22.66	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	19.06	North	0	H7211	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.242	25.22	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Closed	18.86	North	0	H7211	DFT-S-OFDM	QPSK	108	0	10 mm	right	1:1	0.254	24.81	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Body 1.6 W/kg (mW/g) averaged over 1 gram											

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT	 Microsoft	Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 42 of 52		

Table A1-72
DSI = 4 P_{Limit} Calculations – NR Band n41 Flip Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.104	28.58	21.48
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.109	28.38	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.533	21.48	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.474	21.99	
2592.99	518598	Mid	NR Band n41	100	Flip	18.65	South	0	LT211	DFT-S-OFDM	QPSK	270	0	10 mm	front	1:1	0.455	22.07	
2592.99	518598	Mid	NR Band n41	100	Flip	18.07	South	0	LT211	CP-OFDM	QPSK	1	1	10 mm	front	1:1	0.323	22.98	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	bottom	1:1	0.397	22.76	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	bottom	1:1	0.403	22.70	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	right	1:1	0.079	29.77	
2592.99	518598	Mid	NR Band n41	100	Flip	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	right	1:1	0.074	30.06	
2592.99	518598	Mid	NR Band n41	100	Flip	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.157	27.90	20.40
2592.99	518598	Mid	NR Band n41	100	Flip	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.151	28.06	
2592.99	518598	Mid	NR Band n41	100	Flip	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.654	21.70	
2592.99	518598	Mid	NR Band n41	100	Flip	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.634	21.83	
2592.99	518598	Mid	NR Band n41	100	Flip	19.83	North	0	M1211	DFT-S-OFDM	QPSK	270	0	10 mm	front	1:1	0.678	21.52	
2592.99	518598	Mid	NR Band n41	100	Flip	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.867	20.48	
2592.99	518598	Mid	NR Band n41	100	Flip	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	top	1:1	0.832	20.65	
2592.99	518598	Mid	NR Band n41	100	Flip	19.83	North	0	M1211	DFT-S-OFDM	QPSK	270	0	10 mm	top	1:1	0.822	20.68	
2592.99	518598	Mid	NR Band n41	100	Flip	19.72	North	0	M1211	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.855	20.40	
2592.99	518598	Mid	NR Band n41	100	Flip	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	right	1:1	0.109	29.49	
2592.99	518598	Mid	NR Band n41	100	Flip	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	right	1:1	0.101	29.81	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram												

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

Table A1-73
DSI = 4 P_{Limit} Calculations – NR Band n41 Closed Configuration Hotspot SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.590	21.04	20.84
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.576	21.15	
2592.99	518598	Mid	NR Band n41	100	Closed	18.65	South	0	LT211	DFT-S-OFDM	QPSK	270	0	10 mm	back	1:1	0.546	21.28	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.250	24.77	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.225	25.23	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	bottom	1:1	0.618	20.84	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	bottom	1:1	0.583	21.09	
2592.99	518598	Mid	NR Band n41	100	Closed	18.65	South	0	LT211	DFT-S-OFDM	QPSK	270	0	10 mm	bottom	1:1	0.601	20.86	
2592.99	518598	Mid	NR Band n41	100	Closed	18.07	South	0	LT211	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.433	21.71	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	10 mm	right	1:1	0.077	29.89	
2592.99	518598	Mid	NR Band n41	100	Closed	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	10 mm	right	1:1	0.071	30.24	20.73
2592.99	518598	Mid	NR Band n41	100	Closed	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.453	23.30	
2592.99	518598	Mid	NR Band n41	100	Closed	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.552	22.43	
2592.99	518598	Mid	NR Band n41	100	Closed	19.83	North	0	M1211	DFT-S-OFDM	QPSK	270	0	10 mm	back	1:1	0.507	22.78	
2592.99	518598	Mid	NR Band n41	100	Closed	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.174	27.45	
2592.99	518598	Mid	NR Band n41	100	Closed	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.185	27.18	
2592.99	518598	Mid	NR Band n41	100	Closed	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.689	21.48	
2592.99	518598	Mid	NR Band n41	100	Closed	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	top	1:1	0.726	21.24	
2592.99	518598	Mid	NR Band n41	100	Closed	19.83	North	0	M1211	DFT-S-OFDM	QPSK	270	0	10 mm	top	1:1	0.702	21.37	
2592.99	518598	Mid	NR Band n41	100	Closed	19.72	North	0	M1211	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.793	20.73	
2592.99	518598	Mid	NR Band n41	100	Closed	19.86	North	0	M1211	DFT-S-OFDM	QPSK	1	137	10 mm	right	1:1	0.113	29.33	20.73
2592.99	518598	Mid	NR Band n41	100	Closed	19.85	North	0	M1211	DFT-S-OFDM	QPSK	135	69	10 mm	right	1:1	0.117	29.17	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Body 1.6 W/kg (mW/g) averaged over 1 gram												

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

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A1.4 Phablet Data

Table A1-74

DSI = 4 P_{Limit} Calculations – GPRS Phablet SAR

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.

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
836.60	190	GSM 850	GPRS	31.55	0 mm	South	Flip	C6211	2	1:4.15	back	0.249	35.38	25.41
836.60	190	GSM 850	GPRS	31.55	0 mm	South	Flip	C6211	2	1:4.15	bottom	0.864	29.97	
836.60	190	GSM 850	GPRS	31.55	0 mm	South	Flip	C6211	2	1:4.15	right	0.564	31.83	
824.20	128	GSM 850	GPRS	31.40	0 mm	South	Flip	GH211	2	1:4.15	front	2.120	25.93	
836.60	190	GSM 850	GPRS	31.60	0 mm	South	Flip	GH211	2	1:4.15	front	2.180	26.00	
848.80	251	GSM 850	GPRS	31.51	0 mm	South	Flip	GH211	2	1:4.15	front	2.450	25.41	
1880.00	661	GSM 1900	GPRS	28.60	0 mm	South	Flip	C6211	2	1:4.15	back	0.951	26.61	22.46
1880.00	661	GSM 1900	GPRS	28.60	0 mm	South	Flip	C6211	2	1:4.15	bottom	1.140	25.82	
1880.00	661	GSM 1900	GPRS	28.60	0 mm	South	Flip	C6211	2	1:4.15	right	2.310	22.75	
1850.20	512	GSM 1900	GPRS	26.32	0 mm	South	Flip	KS211	2	1:4.15	front	1.460	22.46	
1880.00	661	GSM 1900	GPRS	26.65	0 mm	South	Flip	KS211	2	1:4.15	front	1.370	23.07	
1909.80	810	GSM 1900	GPRS	26.62	0 mm	South	Flip	KS211	2	1:4.15	front	1.130	23.88	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Phablet 4.0 W/kg (mW/g) averaged over 10 grams									

Table A1-75

DSI = 4 P_{Limit} Calculations – UMTS Phablet SAR

MEASUREMENT RESULTS													
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	DUT Configuration	Device Serial Number	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
836.60	4183	UMTS 850	RMC	24.80	0 mm	South	Flip	C6211	1:1	back	0.447	32.28	25.42
836.60	4183	UMTS 850	RMC	24.80	0 mm	South	Flip	C6211	1:1	bottom	1.480	27.08	
836.60	4183	UMTS 850	RMC	24.80	0 mm	South	Flip	C6211	1:1	right	0.905	29.21	
836.60	4183	UMTS 850	RMC	24.68	0 mm	South	Flip	LA211	1:1	front	2.110	25.42	
1880.00	9400	UMTS 1900	RMC	24.45	0 mm	South	Flip	C6211	1:1	back	1.460	26.79	23.45
1880.00	9400	UMTS 1900	RMC	24.45	0 mm	South	Flip	C6211	1:1	bottom	1.690	26.15	
1880.00	9400	UMTS 1900	RMC	24.45	0 mm	South	Flip	C6211	1:1	right	3.150	23.45	
1880.00	9400	UMTS 1900	RMC	20.55	0 mm	South	Flip	GH211	1:1	front	0.787	25.57	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population					Phablet 4.0 W/kg (mW/g) averaged over 10 grams								

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

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Table A1-76
DSI = 4 P_{Limit} Calculations – LTE Band 71 Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR[dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.																(W/kg)		
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.05	0	South	C6211	QPSK	1	0	0 mm	back	1:1	0.262	33.85	26.60
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.05	0	South	C6211	QPSK	1	0	0 mm	bottom	1:1	0.873	28.62	
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.05	0	South	C6211	QPSK	1	0	0 mm	right	1:1	0.738	29.35	
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.32	0	South	KF211	QPSK	1	50	0 mm	front	1:1	1.480	26.60	
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.70	0	North	C6211	QPSK	1	0	0 mm	back	1:1	0.289	34.07	27.24
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.70	0	North	C6211	QPSK	1	0	0 mm	top	1:1	0.872	29.27	
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.70	0	North	C6211	QPSK	1	0	0 mm	right	1:1	0.607	30.85	
680.50	133297	Mid	LTE Band 71	20	Flip	25.3	24.90	0	North	LR211	QPSK	1	50	0 mm	front	1:1	1.460	27.24	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Phablet											
Spatial Peak								4.0 W/kg (mW/g)											
Uncontrolled Exposure/General Population								averaged over 10 grams											

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

Table A1-77
DSI = 4 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR[dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plim it	Overall Plim it	
MHz	Ch.															(W/kg)			
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.50	0	South	C6211	QPSK	1	0	0 mm	back	1:1	0.350	33.04	27.09
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.50	0	South	C6211	QPSK	1	0	0 mm	bottom	1:1	1.040	28.31	
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.50	0	South	C6211	QPSK	1	0	0 mm	right	1:1	0.601	30.69	
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.41	0	South	KF211	QPSK	1	25	0 mm	front	1:1	1.350	27.09	
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.85	0	North	C6211	QPSK	1	0	0 mm	back	1:1	0.299	34.07	26.10
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.85	0	North	C6211	QPSK	1	0	0 mm	top	1:1	0.986	28.89	
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.85	0	North	C6211	QPSK	1	0	0 mm	right	1:1	0.779	29.91	
707.50	23095	Mid	LTE Band 12	10	Flip	25.3	24.95	0	North	GL211	QPSK	1	0	0 mm	front	1:1	1.920	26.10	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Phablet											
Spatial Peak								4.0 W/kg (mW/g)											
Uncontrolled Exposure/General Population								averaged over 10 grams											

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

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Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset			Quality Manager
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Table A1-78
DSI = 4 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR[dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plim it	Overall Plim it
MHz	Ch.																(W/kg)		
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	22.90	0	South	C6211	QPSK	1	0	0 mm	back	1:1	0.282	32.38	25.86
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	22.90	0	South	C6211	QPSK	1	0	0 mm	bottom	1:1	0.955	27.08	
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	22.90	0	South	C6211	QPSK	1	0	0 mm	right	1:1	0.598	29.11	
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	24.43	0	South	KF211	QPSK	1	25	0 mm	front	1:1	1.800	25.86	
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	23.15	0	North	C6211	QPSK	1	0	0 mm	back	1:1	0.257	33.03	26.55
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	23.15	0	North	C6211	QPSK	1	0	0 mm	top	1:1	0.700	28.68	
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	23.15	0	North	C6211	QPSK	1	0	0 mm	right	1:1	0.447	30.63	
782.00	23230	Mid	LTE Band 13	10	Flip	25.3	24.64	0	North	LR211	QPSK	1	0	0 mm	front	1:1	1.610	26.55	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

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

Table A1-79
DSI = 4 P_{Limit} Calculations – LTE Band 14 Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.																(W/kg)		
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	23.75	0	South	C6211	QPSK	1	0	0 mm	back	1:1	0.316	32.73	25.92
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	23.75	0	South	C6211	QPSK	1	0	0 mm	bottom	1:1	1.170	27.05	
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	23.75	0	South	C6211	QPSK	1	0	0 mm	right	1:1	0.786	28.78	
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	24.52	0	South	LR211	QPSK	1	0	0 mm	front	1:1	1.810	25.92	
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	24.05	0	North	C6211	QPSK	1	0	0 mm	back	1:1	0.239	34.25	24.78
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	24.05	0	North	C6211	QPSK	1	0	0 mm	top	1:1	1.180	27.31	
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	24.05	0	North	C6211	QPSK	1	0	0 mm	right	1:1	0.500	31.04	
793.00	23330	Mid	LTE Band 14	10	Flip	25.3	24.66	0	North	JJ211	QPSK	1	0	0 mm	front	1:1	2.430	24.78	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

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

Table A1-80
DSI = 4 P_{Limit} Calculations – LTE Band 26 (Cell) Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.																(W/kg)		
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	25.3	23.65	0	South	C6211	QPSK	1	0	0 mm	back	1:1	0.416	31.44	24.90
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	25.3	23.65	0	South	C6211	QPSK	1	0	0 mm	bottom	1:1	1.360	26.29	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	25.3	23.65	0	South	C6211	QPSK	1	0	0 mm	right	1:1	0.775	28.74	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	24.8	24.34	0	South	MO211	QPSK	1	74	0 mm	front	1:1	2.200	24.90	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

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

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Table A1-81
DSI = 4 P_{Limit} Calculations – LTE Band 26/5 (Cell) Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	25.3	24.00	0	North	C6211	QPSK	1	0	0 mm	back	1:1	0.298	33.24	25.91
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	25.3	24.00	0	North	C6211	QPSK	1	0	0 mm	top	1:1	0.846	28.71	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	25.3	24.00	0	North	C6211	QPSK	1	0	0 mm	right	1:1	0.451	31.44	
831.50	26865	Mid	LTE Band 26 (Cell)	15	Flip	25.3	24.29	0	North	L7211	QPSK	1	74	0 mm	front	1:1	1.720	25.91	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT								Phablet											
Spatial Peak								4.0 W/kg (mW/g)											
Uncontrolled Exposure/General Population								averaged over 10 grams											

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

Table A1-82
DSI = 4 P_{Limit} Calculations – LTE Band 5 (Cell) Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR[dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.																(W/kg)		
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	25.3	24.42	0	South	YT212	QPSK	1	49	0 mm	back	1:1	0.477	31.61	25.28
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	25.3	24.42	0	South	YT212	QPSK	1	49	0 mm	front	1:1	2.050	25.28	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	25.3	24.42	0	South	YT212	QPSK	1	49	0 mm	bottom	1:1	1.510	26.61	
836.50	20525	Mid	LTE Band 5 (Cell)	10	Flip	25.3	24.42	0	South	YT212	QPSK	1	49	0 mm	right	1:1	0.840	29.16	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

Table A1-83
DSI = 4 P_{Limit} Calculations – LTE Band 66 (AWS) Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.															(W/kg)			
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	25.3	23.95	0	South	C6211	QPSK	1	0	0 mm	back	1:1	1.790	25.40	21.70
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.5	17.65	0	South	KS211	QPSK	1	0	0 mm	front	1:1	0.979	21.72	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.51	0	South	KS211	QPSK	50	25	0 mm	front	1:1	0.952	21.70	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.49	0	South	KS211	QPSK	50	50	0 mm	front	1:1	0.875	22.05	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.5	17.65	0	South	KS211	QPSK	1	0	0 mm	bottom	1:1	0.433	25.26	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.51	0	South	KS211	QPSK	50	25	0 mm	bottom	1:1	0.434	25.11	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.5	17.65	0	South	KS211	QPSK	1	0	0 mm	right	1:1	0.602	23.83	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.51	0	South	KS211	QPSK	50	25	0 mm	right	1:1	0.626	23.52	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	25.3	24.15	0	North	C6211	QPSK	1	0	0 mm	back	1:1	1.270	27.09	20.38
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	25.3	24.15	0	North	C6211	QPSK	1	0	0 mm	right	1:1	2.340	24.44	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.47	0	North	HG211	QPSK	1	0	0 mm	front	1:1	1.170	20.77	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.48	0	North	HG211	QPSK	50	25	0 mm	front	1:1	1.210	20.63	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.7	17.31	0	North	HG211	QPSK	50	50	0 mm	front	1:1	1.170	20.61	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	18.7	17.16	0	North	HG211	QPSK	50	0	0 mm	front	1:1	1.190	20.38	
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	18.7	17.27	0	North	HG211	QPSK	50	50	0 mm	front	1:1	1.160	20.60	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.47	0	North	HG211	QPSK	1	0	0 mm	top	1:1	0.448	24.94	
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.48	0	North	HG211	QPSK	50	25	0 mm	top	1:1	0.462	24.81	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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Table A1-84
DSI = 4 P_{Limit} Calculations – LTE Band 25 (PCS) Phablet SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit
MHz	Ch.																(W/kg)	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	25.3	23.95	0	South	C6211	QPSK	1	0	0 mm	back	1:1	1.790	25.40
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.5	17.65	0	South	KS211	QPSK	1	0	0 mm	front	1:1	0.979	21.72
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.51	0	South	KS211	QPSK	50	25	0 mm	front	1:1	0.952	21.70
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.49	0	South	KS211	QPSK	50	50	0 mm	front	1:1	0.875	22.05
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.5	17.65	0	South	KS211	QPSK	1	0	0 mm	bottom	1:1	0.433	25.26
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.51	0	South	KS211	QPSK	50	25	0 mm	bottom	1:1	0.434	25.11
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.5	17.65	0	South	KS211	QPSK	1	0	0 mm	right	1:1	0.602	23.83
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.5	17.51	0	South	KS211	QPSK	50	25	0 mm	right	1:1	0.626	23.52
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	25.3	24.15	0	North	C6211	QPSK	1	0	0 mm	back	1:1	1.270	27.09
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	25.3	24.15	0	North	C6211	QPSK	1	0	0 mm	right	1:1	2.340	24.44
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.47	0	North	HG211	QPSK	1	0	0 mm	front	1:1	1.170	20.77
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.48	0	North	HG211	QPSK	50	25	0 mm	front	1:1	1.210	20.63
1745.00	132322	Mid	LTE Band 66 (AWS)	20	Flip	18.7	17.31	0	North	HG211	QPSK	50	50	0 mm	front	1:1	1.170	20.61
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	18.7	17.16	0	North	HG211	QPSK	50	0	0 mm	front	1:1	1.190	20.38
1770.00	132572	High	LTE Band 66 (AWS)	20	Flip	18.7	17.27	0	North	HG211	QPSK	50	50	0 mm	front	1:1	1.160	20.60
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.47	0	North	HG211	QPSK	1	0	0 mm	top	1:1	0.448	24.94
1720.00	132072	Low	LTE Band 66 (AWS)	20	Flip	18.7	17.48	0	North	HG211	QPSK	50	25	0 mm	top	1:1	0.462	24.81
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams										

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

Table A1-85
DSI = 4 P_{Limit} Calculations – LTE Band 30 Phablet SAR

MEASUREMENT RESULTS																		
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit
MHz	Ch.																(W/kg)	
2310.00	27710	Mid	LTE Band 30	10	Flip	23.4	23.05	0	South	C6211	QPSK	1	0	0 mm	back	1:1	0.330	31.84
2310.00	27710	Mid	LTE Band 30	10	Flip	23.4	23.05	0	South	C6211	QPSK	1	0	0 mm	bottom	1:1	1.940	24.15
2310.00	27710	Mid	LTE Band 30	10	Flip	23.4	23.05	0	South	C6211	QPSK	1	0	0 mm	right	1:1	1.060	26.78
2310.00	27710	Mid	LTE Band 30	10	Flip	21.9	21.88	0	South	YT212	QPSK	1	0	0 mm	front	1:1	2.930	21.19
2310.00	27710	Mid	LTE Band 30	10	Flip	22.4	21.65	0	North	C6211	QPSK	1	0	0 mm	back	1:1	0.094	35.90
2310.00	27710	Mid	LTE Band 30	10	Flip	22.4	21.65	0	North	C6211	QPSK	1	0	0 mm	top	1:1	0.649	27.51
2310.00	27710	Mid	LTE Band 30	10	Flip	22.4	21.65	0	North	C6211	QPSK	1	0	0 mm	right	1:1	0.646	27.53
2310.00	27710	Mid	LTE Band 30	10	Flip	22.4	21.67	0	North	YT212	QPSK	1	0	0 mm	front	1:1	2.560	21.57
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams										

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 48 of 52		

Table A1-86
DSI = 4 P_{Limit} Calculations – LTE Band 7 Phablet SAR

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																	
2535.00	21100	Mid	LTE Band 7	20	Flip	25.3	24.20	0	South	C6211	QPSK	1	0	0 mm	back	1:1	0.951	28.40	20.16
2535.00	21100	Mid	LTE Band 7	20	Flip	25.3	24.20	0	South	C6211	QPSK	1	0	0 mm	right	1:1	1.030	28.05	
2510.00	20850	Low	LTE Band 7	20	Flip	19.8	18.96	0	South	YT212	QPSK	1	0	0 mm	front	1:1	1.540	21.06	
2510.00	20850	Low	LTE Band 7	20	Flip	19.8	18.97	0	South	YT212	QPSK	50	25	0 mm	front	1:1	1.600	20.91	
2535.00	21100	Mid	LTE Band 7	20	Flip	19.8	18.91	0	South	YT212	QPSK	50	50	0 mm	front	1:1	1.650	20.71	
2560.00	21350	High	LTE Band 7	20	Flip	19.8	18.73	0	South	YT212	QPSK	50	0	0 mm	front	1:1	1.800	20.16	
2560.00	21350	High	LTE Band 7	20	Flip	19.8	18.83	0	South	YT212	QPSK	50	25	0 mm	front	1:1	1.770	20.33	
2510.00	20850	Low	LTE Band 7	20	Flip	19.8	18.95	0	South	YT212	QPSK	100	0	0 mm	front	1:1	1.810	20.35	
2510.00	20850	Low	LTE Band 7	20	Flip	19.8	18.96	0	South	YT212	QPSK	1	0	0 mm	bottom	1:1	1.130	22.41	
2510.00	20850	Low	LTE Band 7	20	Flip	19.8	18.97	0	South	YT212	QPSK	50	25	0 mm	bottom	1:1	1.250	21.98	
2535.00	21100	Mid	LTE Band 7	20	Flip	25.3	24.25	0	North	C6211	QPSK	1	0	0 mm	back	1:1	0.448	31.72	20.70
2535.00	21100	Mid	LTE Band 7	20	Flip	25.3	24.25	0	North	C6211	QPSK	1	0	0 mm	top	1:1	3.160	23.23	
2535.00	21100	Mid	LTE Band 7	20	Flip	25.3	24.25	0	North	C6211	QPSK	1	0	0 mm	right	1:1	1.450	26.62	
2510.00	20850	Low	LTE Band 7	20	Flip	21.0	19.87	0	North	GH211	QPSK	1	99	0 mm	front	1:1	1.930	20.99	
2535.00	21100	Mid	LTE Band 7	20	Flip	21.0	19.71	0	North	GH211	QPSK	1	99	0 mm	front	1:1	1.990	20.70	
2560.00	21350	High	LTE Band 7	20	Flip	21.0	19.86	0	North	GH211	QPSK	1	0	0 mm	front	1:1	1.880	21.10	
2510.00	20850	Low	LTE Band 7	20	Flip	21.0	19.91	0	North	GH211	QPSK	50	25	0 mm	front	1:1	2.020	20.84	
2535.00	21100	Mid	LTE Band 7	20	Flip	21.0	19.82	0	North	GH211	QPSK	50	50	0 mm	front	1:1	1.980	20.83	
2560.00	21350	High	LTE Band 7	20	Flip	21.0	19.90	0	North	GH211	QPSK	50	50	0 mm	front	1:1	1.760	21.42	
2560.00	21350	High	LTE Band 7	20	Flip	21.0	19.85	0	North	GH211	QPSK	100	0	0 mm	front	1:1	1.750	21.40	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

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

Table A1-87
DSI = 4 P_{Limit} Calculations – LTE Band 48 Phablet SAR

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.

MEASUREMENT RESULTS																			
FREQUENCY			Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.																(W/kg)		
3625.00	55990	Mid	LTE Band 48	20	Flip	22.4	22.05	0	South	C6211	QPSK	1	0	0 mm	back	1:1.58	0.571	26.48	23.19
3625.00	55990	Mid	LTE Band 48	20	Flip	22.4	22.05	0	South	C6211	QPSK	1	0	0 mm	right	1:1.58	0.357	28.52	
3646.70	56207	Mid-High	LTE Band 48	20	Flip	21.3	20.53	0	South	HX211	QPSK	50	50	0 mm	front	1:1.58	0.691	24.13	
3646.70	56207	Mid-High	LTE Band 48	20	Flip	21.3	20.53	0	South	HX211	QPSK	50	50	0 mm	bottom	1:1.58	0.858	23.19	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset			APPENDIX A1: Page 49 of 52

Table A1-88
DSI = 4 P_{Limit} Calculations – LTE Band 41 Phablet SAR

MEASUREMENT RESULTS																		
FREQUENCY		Mode	Bandwidth [MHz]	DUT Configuration	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Antenna Config.	Serial Number	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.															(W/kg)		
2593.00	40620	Mid	LTE Band 41	20	Flip	25.3	24.80	0	South	C6211	QPSK	1	0	0 mm	back	1:1.58	0.560	29.31
2593.00	40620	Mid	LTE Band 41	20	Flip	25.3	24.80	0	South	C6211	QPSK	1	0	0 mm	right	1:1.58	1.170	26.11
2506.00	39750	Low	LTE Band 41	20	Flip	21.5	20.35	0	South	YT212	QPSK	1	50	0 mm	front	1:1.58	1.360	21.01
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.5	20.40	0	South	YT212	QPSK	1	50	0 mm	front	1:1.58	1.340	21.12
2593.00	40620	Mid	LTE Band 41	20	Flip	21.5	20.53	0	South	YT212	QPSK	1	0	0 mm	front	1:1.58	1.650	20.35
2636.50	41055	Mid-High	LTE Band 41	20	Flip	21.5	20.61	0	South	YT212	QPSK	1	0	0 mm	front	1:1.58	1.560	20.67
2680.00	41490	High	LTE Band 41	20	Flip	21.5	20.49	0	South	YT212	QPSK	1	0	0 mm	front	1:1.58	1.610	20.42
2506.00	39750	Low	LTE Band 41	20	Flip	21.5	20.39	0	South	YT212	QPSK	50	0	0 mm	front	1:1.58	1.380	20.98
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.5	20.29	0	South	YT212	QPSK	50	50	0 mm	front	1:1.58	1.390	20.85
2593.00	40620	Mid	LTE Band 41	20	Flip	21.5	20.58	0	South	YT212	QPSK	50	25	0 mm	front	1:1.58	1.580	20.59
2636.50	41055	Mid-High	LTE Band 41	20	Flip	21.5	20.59	0	South	YT212	QPSK	50	25	0 mm	front	1:1.58	1.520	20.77
2680.00	41490	High	LTE Band 41	20	Flip	21.5	20.42	0	South	YT212	QPSK	50	50	0 mm	front	1:1.58	1.550	20.51
2636.50	41055	Mid-High	LTE Band 41	20	Flip	21.5	20.58	0	South	YT212	QPSK	100	0	0 mm	front	1:1.58	1.510	20.78
2506.00	39750	Low	LTE Band 41	20	Flip	21.5	20.35	0	South	YT212	QPSK	1	50	0 mm	bottom	1:1.58	0.987	22.40
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.5	20.40	0	South	YT212	QPSK	1	50	0 mm	bottom	1:1.58	1.090	22.02
2593.00	40620	Mid	LTE Band 41	20	Flip	21.5	20.53	0	South	YT212	QPSK	1	0	0 mm	bottom	1:1.58	1.160	21.88
2636.50	41055	Mid-High	LTE Band 41	20	Flip	21.5	20.61	0	South	YT212	QPSK	1	0	0 mm	bottom	1:1.58	1.450	20.99
2680.00	41490	High	LTE Band 41	20	Flip	21.5	20.49	0	South	YT212	QPSK	1	0	0 mm	bottom	1:1.58	1.400	21.02
2506.00	39750	Low	LTE Band 41	20	Flip	21.5	20.39	0	South	YT212	QPSK	50	0	0 mm	bottom	1:1.58	1.010	22.34
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	21.5	20.29	0	South	YT212	QPSK	50	50	0 mm	bottom	1:1.58	1.110	21.83
2593.00	40620	Mid	LTE Band 41	20	Flip	21.5	20.58	0	South	YT212	QPSK	50	25	0 mm	bottom	1:1.58	1.140	22.00
2636.50	41055	Mid-High	LTE Band 41	20	Flip	21.5	20.59	0	South	YT212	QPSK	50	25	0 mm	bottom	1:1.58	1.440	21.00
2680.00	41490	High	LTE Band 41	20	Flip	21.5	20.42	0	South	YT212	QPSK	50	50	0 mm	bottom	1:1.58	1.350	21.11
2636.50	41055	Mid-High	LTE Band 41	20	Flip	21.5	20.58	0	South	YT212	QPSK	100	0	0 mm	bottom	1:1.58	1.350	21.27
2593.00	40620	Mid	LTE Band 41	20	Flip	25.3	25.55	0	North	C6211	QPSK	1	0	0 mm	back	1:1.58	0.486	30.68
2593.00	40620	Mid	LTE Band 41	20	Flip	25.3	25.55	0	North	C6211	QPSK	1	0	0 mm	right	1:1.58	0.568	30.00
2506.00	39750	Low	LTE Band 41	20	Flip	23.0	21.68	0	North	HX211	QPSK	1	0	0 mm	front	1:1.58	1.420	22.15
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	23.0	21.67	0	North	HX211	QPSK	1	0	0 mm	front	1:1.58	1.260	22.66
2593.00	40620	Mid	LTE Band 41	20	Flip	23.0	21.94	0	North	HX211	QPSK	1	0	0 mm	front	1:1.58	1.380	22.53
2636.50	41055	Mid-High	LTE Band 41	20	Flip	23.0	22.06	0	North	HX211	QPSK	1	0	0 mm	front	1:1.58	2.030	20.98
2680.00	41490	High	LTE Band 41	20	Flip	23.0	22.18	0	North	HX211	QPSK	1	0	0 mm	front	1:1.58	1.920	21.34
2506.00	39750	Low	LTE Band 41	20	Flip	23.0	21.81	0	North	HX211	QPSK	50	25	0 mm	front	1:1.58	1.430	22.25
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	23.0	21.83	0	North	HX211	QPSK	50	25	0 mm	front	1:1.58	1.280	22.75
2593.00	40620	Mid	LTE Band 41	20	Flip	23.0	22.02	0	North	HX211	QPSK	50	25	0 mm	front	1:1.58	1.340	22.74
2636.50	41055	Mid-High	LTE Band 41	20	Flip	23.0	22.13	0	North	HX211	QPSK	50	25	0 mm	front	1:1.58	2.010	21.09
2680.00	41490	High	LTE Band 41	20	Flip	23.0	22.28	0	North	HX211	QPSK	50	25	0 mm	front	1:1.58	1.860	21.58
2680.00	41490	High	LTE Band 41	20	Flip	23.0	22.17	0	North	HX211	QPSK	100	0	0 mm	front	1:1.58	1.880	21.42
2506.00	39750	Low	LTE Band 41	20	Flip	23.0	21.68	0	North	HX211	QPSK	1	0	0 mm	top	1:1.58	1.560	21.74
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	23.0	21.67	0	North	HX211	QPSK	1	0	0 mm	top	1:1.58	1.280	22.59
2593.00	40620	Mid	LTE Band 41	20	Flip	23.0	21.94	0	North	HX211	QPSK	1	0	0 mm	top	1:1.58	1.430	22.38
2636.50	41055	Mid-High	LTE Band 41	20	Flip	23.0	22.06	0	North	HX211	QPSK	1	0	0 mm	top	1:1.58	1.390	22.62
2680.00	41490	High	LTE Band 41	20	Flip	23.0	22.18	0	North	HX211	QPSK	1	0	0 mm	top	1:1.58	2.010	21.14
2506.00	39750	Low	LTE Band 41	20	Flip	23.0	21.81	0	North	HX211	QPSK	50	25	0 mm	top	1:1.58	1.590	21.79
2549.50	40185	Low-Mid	LTE Band 41	20	Flip	23.0	21.83	0	North	HX211	QPSK	50	25	0 mm	top	1:1.58	1.490	22.09
2593.00	40620	Mid	LTE Band 41	20	Flip	23.0	22.02	0	North	HX211	QPSK	50	25	0 mm	top	1:1.58	1.430	22.46
2636.50	41055	Mid-High	LTE Band 41	20	Flip	23.0	22.13	0	North	HX211	QPSK	50	25	0 mm	top	1:1.58	1.430	22.57
2680.00	41490	High	LTE Band 41	20	Flip	23.0	22.28	0	North	HX211	QPSK	50	25	0 mm	top	1:1.58	1.960	21.35
2680.00	41490	High	LTE Band 41	20	Flip	23.0	22.17	0	North	HX211	QPSK	100	0	0 mm	top	1:1.58	1.950	21.26
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population							Phablet 4.0 W/kg (mW/g) averaged over 10 grams											

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

FCC ID: C3K1995		PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/21/2021– 09/09/2021	DUT Type: Portable Handset	APPENDIX A1: Page 50 of 52		

Table A1-89
DSI = 4 P_{Limit} Calculations – NR Band n71 Phablet SAR

MEASUREMENT RESULTS																					
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Scaling Factor	Plimit	Overall Plimit	
MHz	Ch.																(W/kg)				
680.50	136100	Md	NR Band n71	20	Flip	22.5	23.75	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.054	0.750	40.41	26.01
680.50	136100	Md	NR Band n71	20	Flip	22.5	23.75	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	bottom	1:1	0.267	0.750	33.46	
680.50	136100	Md	NR Band n71	20	Flip	22.5	23.75	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	0.222	0.750	34.27	
680.50	136100	Md	NR Band n71	20	Flip	23.5	22.93	South	0	J2211	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.230	1.140	26.010	
680.50	136100	Md	NR Band n71	20	Flip	22.5	19.55	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.078	1.972	34.61	27.66
680.50	136100	Md	NR Band n71	20	Flip	22.5	19.55	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	top	1:1	0.386	1.972	27.66	
680.50	136100	Md	NR Band n71	20	Flip	22.5	19.55	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	0.196	1.972	30.61	
680.50	136100	Md	NR Band n71	20	Flip	23.5	22.61	North	0	J2211	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	0.764	1.227	27.758	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Extremity 4.0 W/kg (mW/g) averaged over 10 grams												

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

Table A1-90
DSI = 4 P_{Limit} Calculations – NR Band n5 (cell) Phablet SAR

MEASUREMENT RESULTS																					
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Scaling Factor	Plimit	Overall Plimit	
MHz	Ch.																(W/kg)				
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.5	21.45	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.299	1.274	30.67	24.83
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.5	21.45	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	bottom	1:1	0.990	1.274	25.47	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.5	21.45	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	0.530	1.274	28.19	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	23.5	22.92	South	0	J2211	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	1.610	1.143	24.831	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.5	23.85	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.333	0.733	32.60	25.86
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.5	23.85	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	top	1:1	0.890	0.733	28.34	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	22.5	23.85	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	0.546	0.733	30.46	
836.50	167300	Mid	NR Band n5 (Cell)	20	Flip	23.5	22.88	North	0	J2211	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	1.260	1.153	25.856	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Extremity 4.0 W/kg (mW/g) averaged over 10 grams												

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

Table A1-91
DSI = 4 P_{Limit} Calculations – NR Band n66 (AWS) Phablet SAR

MEASUREMENT RESULTS																					
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Scaling Factor	Plimit	Overall Plimit	
MHz	Ch.																(W/kg)				
1745.00	349000	Mid	NR Band n66 (AWS)	20	Flip	22.5	20.10	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.649	1.738	25.96	21.84
1745.00	349000	Mid	NR Band n66 (AWS)	20	Flip	22.5	20.10	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	bottom	1:1	0.691	1.738	25.68	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.5	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	0 mm	front	1:1	0.952	1.172	22.00	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.5	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	0 mm	front	1:1	0.987	1.175	21.84	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.5	17.75	South	0	M3211	CP-OFDM	QPSK	1	1	0 mm	front	1:1	0.935	1.189	22.02	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.5	17.81	South	0	M3211	DFT-S-OFDM	QPSK	1	108	0 mm	right	1:1	0.698	1.172	23.35	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.5	17.80	South	0	M3211	DFT-S-OFDM	QPSK	108	108	0 mm	right	1:1	0.710	1.175	23.27	20.05
1745.00	349000	Mid	NR Band n66 (AWS)	20	Flip	22.5	20.50	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.485	1.585	27.62	
1745.00	349000	Mid	NR Band n66 (AWS)	20	Flip	22.5	20.50	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	top	1:1	0.983	1.585	24.55	
1745.00	349000	Mid	NR Band n66 (AWS)	20	Flip	22.5	20.50	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	0.911	1.585	24.88	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.7	17.84	North	0	H7211	DFT-S-OFDM	QPSK	1	108	0 mm	front	1:1	1.320	1.219	20.61	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.7	17.90	North	0	H7211	DFT-S-OFDM	QPSK	108	108	0 mm	front	1:1	1.350	1.202	20.58	
1745.00	349000	Mid	NR Band n66 (AWS)	40	Flip	18.7	17.65	North	0	H7211	CP-OFDM	QPSK	1	1	0 mm	front	1:1	1.440	1.274	20.05	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Extremity 4.0 W/kg (mW/g) averaged over 10 grams												

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

FCC ID: C3K1995	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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Table A1-92
DSI = 4 P_{Limit} Calculations – NR Band n25 (PCS) Phablet SAR

MEASUREMENT RESULTS																					
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g) (W/kg)	Scaling Factor	Plimit	Overall Plimit	
MHz	Ch.																				
1882.50	376500	Mid	NR Band n25 (PCS)	20	Flip	22.5	23.60	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	1.060	0.776	27.33	22.90
1882.50	376500	Mid	NR Band n25 (PCS)	20	Flip	22.5	23.60	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	bottom	1:1	1.130	0.776	27.05	
1882.50	376500	Mid	NR Band n25 (PCS)	20	Flip	22.5	23.60	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	2.100	0.776	24.36	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	21.6	20.59	South	0	KF211	DFT-S-OFDM	QPSK	108	54	0 mm	back	1:1	1.470	1.262	22.896	
1882.50	376500	Mid	NR Band n25 (PCS)	20	Flip	22.5	23.50	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.689	0.794	29.10	21.16
1882.50	376500	Mid	NR Band n25 (PCS)	20	Flip	22.5	23.50	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	top	1:1	1.330	0.794	26.24	
1882.50	376500	Mid	NR Band n25 (PCS)	20	Flip	22.5	23.50	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	1.200	0.794	26.69	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.7	19.06	North	0	M6211	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.540	1.159	21.16	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.7	18.86	North	0	M6211	DFT-S-OFDM	QPSK	108	0	0 mm	front	1:1	1.400	1.213	21.38	
1882.50	376500	Mid	NR Band n25 (PCS)	40	Flip	19.7	19.03	North	0	M6211	CP-OFDM	QPSK	1	1	0 mm	front	1:1	1.420	1.167	21.49	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Extremity 4.0 W/kg (mW/g) averaged over 10 grams												

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

Table A1-93
DSI = 4 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																					
FREQUENCY		Mode	Bandwidth [MHz]	Cover Type	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Antenna Config	MPR [dB]	Serial Number	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Scaling Factor	Plimit	Overall Plimit	
MHz	Ch.																(W/kg)				
2593.00	518600	Mid	NR Band n41	100	Flip	22.5	24.15	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.683	0.684	29.79	19.74
2593.00	518600	Mid	NR Band n41	100	Flip	22.5	24.15	South	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	1.110	0.684	27.68	
2592.99	518598	Mid	NR Band n41	100	Flip	19.5	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.990	1.189	19.74	
2592.99	518598	Mid	NR Band n41	100	Flip	19.5	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	0 mm	front	1:1	1.940	1.189	19.85	
2592.99	518598	Mid	NR Band n41	100	Flip	19.5	18.65	South	0	LT211	DFT-S-OFDM	QPSK	270	0	0 mm	front	1:1	1.890	1.216	19.86	
2592.99	518598	Mid	NR Band n41	100	Flip	19.5	18.07	South	0	LT211	CP-OFDM	QPSK	1	1	0 mm	front	1:1	1.590	1.390	20.04	
2592.99	518598	Mid	NR Band n41	100	Flip	19.5	18.75	South	0	LT211	DFT-S-OFDM	QPSK	1	137	0 mm	bottom	1:1	1.170	1.189	22.05	
2592.99	518598	Mid	NR Band n41	100	Flip	19.5	18.75	South	0	LT211	DFT-S-OFDM	QPSK	135	69	0 mm	bottom	1:1	1.190	1.189	21.97	
2593.00	518600	Mid	NR Band n41	100	Flip	22.5	21.60	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	back	1:1	0.686	1.230	27.22	21.12
2593.00	518600	Mid	NR Band n41	100	Flip	22.5	21.60	North	0	C6211	DFT-S-OFDM	QPSK	1	0	0 mm	right	1:1	0.801	1.230	26.54	
2592.99	518598	Mid	NR Band n41	100	Flip	21.0	19.86	North	0	YT212	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	1.250	1.300	22.87	
2592.99	518598	Mid	NR Band n41	100	Flip	21.0	19.85	North	0	YT212	DFT-S-OFDM	QPSK	135	69	0 mm	front	1:1	1.250	1.303	22.86	
2592.99	518598	Mid	NR Band n41	100	Flip	21.0	19.83	North	0	YT212	DFT-S-OFDM	QPSK	270	0	0 mm	front	1:1	1.240	1.309	22.88	
2592.99	518598	Mid	NR Band n41	100	Flip	21.0	19.86	North	0	YT212	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	1.410	1.300	22.35	
2592.99	518598	Mid	NR Band n41	100	Flip	21.0	19.85	North	0	YT212	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	1.470	1.303	22.16	
2592.99	518598	Mid	NR Band n41	100	Flip	21.0	19.83	North	0	YT212	DFT-S-OFDM	QPSK	270	0	0 mm	top	1:1	1.410	1.309	22.32	
2592.99	518598	Mid	NR Band n41	100	Flip	21.0	19.72	North	0	YT212	CP-OFDM	QPSK	1	1	0 mm	top	1:1	1.810	1.343	21.12	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population									Extremity 4.0 W/kg (mW/g) averaged over 10 grams												

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

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