




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

**Table A-1**  
**DSI = 3 or DSI = 4  $P_{Limit}$  Calculations – 2G/3G Head SAR**

MEASUREMENT RESULTS												
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Minimum Plimit
MHz	Ch.									(W/kg)	[dBm]	[dBm]
836.60	190	GSM 850	GSM	32.91	Closed	Right	Cheek	A+B	1:8.3	0.101	33.67	33.67
836.60	190	GSM 850	GSM	32.91	Closed	Right	Tilt	A+B	1:8.3	0.036	38.15	
836.60	190	GSM 850	GSM	32.91	Closed	Left	Cheek	A+B	1:8.3	0.063	35.72	
836.60	190	GSM 850	GSM	32.91	Closed	Left	Tilt	A+B	1:8.3	0.026	39.56	
1880.00	661	GSM 1900	GSM	29.43	Closed	Right	Cheek	B	1:8.3	0.021	37.01	34.79
1880.00	661	GSM 1900	GSM	29.43	Closed	Right	Tilt	B	1:8.3	0.035	34.79	
1880.00	661	GSM 1900	GSM	29.43	Closed	Left	Cheek	B	1:8.3	0.028	35.76	
1880.00	661	GSM 1900	GSM	29.43	Closed	Left	Tilt	B	1:8.3	0.025	36.25	
826.40	4132	UMTS 850	RMC	24.91	Closed	Right	Cheek	A+B	1:1	0.129	33.80	33.80
826.40	4132	UMTS 850	RMC	24.91	Closed	Right	Tilt	A+B	1:1	0.063	36.92	
826.40	4132	UMTS 850	RMC	24.91	Closed	Left	Cheek	A+B	1:1	0.098	35.00	
826.40	4132	UMTS 850	RMC	24.91	Closed	Left	Tilt	A+B	1:1	0.042	38.68	
836.60	190	GSM 850	GSM	32.91	Closed	Right	Cheek	A	1:8.3	0.139	32.28	32.28
836.60	190	GSM 850	GSM	32.91	Closed	Right	Tilt	A	1:8.3	0.049	36.81	
836.60	190	GSM 850	GSM	32.91	Closed	Left	Cheek	A	1:8.3	0.075	34.96	
836.60	190	GSM 850	GSM	32.91	Closed	Left	Tilt	A	1:8.3	0.032	38.66	
826.40	4132	UMTS 850	RMC	24.91	Closed	Right	Cheek	A	1:1	0.128	33.84	33.84
826.40	4132	UMTS 850	RMC	24.91	Closed	Right	Tilt	A	1:1	0.043	38.58	
826.40	4132	UMTS 850	RMC	24.91	Closed	Left	Cheek	A	1:1	0.072	36.34	
826.40	4132	UMTS 850	RMC	24.91	Closed	Left	Tilt	A	1:1	0.045	38.38	




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

FCC ID: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
Test Dates: 06/28/21 - 07/13/21	DUT Type: Portable Handset	APPENDIX A: Page 1 of 21		

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

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.	Mid													W/kg	[dBm]	[dBm]
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Right	Cheek	A+B	QPSK	1	0	1:1	0.154	32.92	32.76
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Right	Cheek	A+B	QPSK	25	12	1:1	0.128	32.76	
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Right	Tilt	A+B	QPSK	1	0	1:1	0.068	36.47	
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Right	Tilt	A+B	QPSK	25	12	1:1	0.058	36.20	
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Left	Cheek	A+B	QPSK	1	0	1:1	0.109	34.43	
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Left	Cheek	A+B	QPSK	25	12	1:1	0.078	34.91	
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Left	Tilt	A+B	QPSK	1	0	1:1	0.053	37.56	
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Left	Tilt	A+B	QPSK	25	12	1:1	0.040	37.81	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Right	Cheek	A+B	QPSK	1	0	1:1	0.133	33.57	33.48
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Right	Cheek	A+B	QPSK	25	0	1:1	0.113	33.48	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Right	Tilt	A+B	QPSK	1	0	1:1	0.065	36.68	
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Right	Tilt	A+B	QPSK	25	0	1:1	0.055	36.61	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Left	Cheek	A+B	QPSK	1	0	1:1	0.110	34.40	
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Left	Cheek	A+B	QPSK	25	0	1:1	0.088	34.57	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Left	Tilt	A+B	QPSK	1	0	1:1	0.054	37.49	
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Left	Tilt	A+B	QPSK	25	0	1:1	0.048	37.20	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Right	Cheek	A+B	QPSK	1	0	1:1	0.151	33.06	33.06
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Right	Cheek	A+B	QPSK	25	25	1:1	0.115	33.32	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Right	Tilt	A+B	QPSK	1	0	1:1	0.054	37.53	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Right	Tilt	A+B	QPSK	25	25	1:1	0.043	37.60	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Left	Cheek	A+B	QPSK	1	0	1:1	0.092	35.21	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Left	Cheek	A+B	QPSK	25	25	1:1	0.074	35.24	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Left	Tilt	A+B	QPSK	1	0	1:1	0.043	38.52	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Left	Tilt	A+B	QPSK	25	25	1:1	0.037	38.25	
1732.5	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	Right	Cheek	B	QPSK	1	50	1:1	0.060	37.22	35.27
1732.5	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	Right	Cheek	B	QPSK	50	25	1:1	0.051	36.82	
1732.5	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	Right	Tilt	B	QPSK	1	50	1:1	0.086	35.66	
1732.5	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	Right	Tilt	B	QPSK	50	25	1:1	0.073	35.27	
1732.5	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	Left	Cheek	B	QPSK	1	50	1:1	0.076	36.19	
1732.5	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	Left	Cheek	B	QPSK	50	25	1:1	0.063	35.91	
1732.5	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	Left	Tilt	B	QPSK	1	50	1:1	0.079	36.02	
1732.5	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	Left	Tilt	B	QPSK	50	25	1:1	0.061	36.05	
2506.0	39750	Low	LTE Band 41	20	22.23	0	Closed	Right	Cheek	B	QPSK	1	50	1:1.58	0.038	34.45	33.81
2506.0	39750	Low	LTE Band 41	20	22.35	0	Closed	Right	Cheek	B	QPSK	50	25	1:1.58	0.030	35.59	
2506.0	39750	Low	LTE Band 41	20	22.23	0	Closed	Right	Tilt	B	QPSK	1	50	1:1.58	0.029	35.62	
2506.0	39750	Low	LTE Band 41	20	22.35	0	Closed	Right	Tilt	B	QPSK	50	25	1:1.58	0.024	36.56	
2506.0	39750	Low	LTE Band 41	20	22.23	0	Closed	Left	Cheek	B	QPSK	1	50	1:1.58	0.044	33.81	
2506.0	39750	Low	LTE Band 41	20	22.35	0	Closed	Left	Cheek	B	QPSK	50	25	1:1.58	0.033	35.18	
2506.0	39750	Low	LTE Band 41	20	22.23	0	Closed	Left	Tilt	B	QPSK	1	50	1:1.58	0.031	35.33	
2506.0	39750	Low	LTE Band 41	20	22.35	0	Closed	Left	Tilt	B	QPSK	50	25	1:1.58	0.030	35.59	

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

FCC ID: A3LSMF926JPN	 <b>PCTEST</b> Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-3**  
**DSI = 3 or DSI = 4  $P_{Limit}$  Calculations – 4G Head SAR**

MEASUREMENT RESULTS														SAR (1g)	PLimit	Minimum PLimit	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle				(W/kg)
MHz	Ch.													(W/kg)	[dBm]	[dBm]	
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Right	Cheek	A	QPSK	1	0	1:1	0.081	35.72	35.50
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Right	Cheek	A	QPSK	25	12	1:1	0.068	35.50	
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Right	Tilt	A	QPSK	1	0	1:1	0.041	38.67	
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Right	Tilt	A	QPSK	25	12	1:1	0.031	38.92	
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Left	Cheek	A	QPSK	1	0	1:1	0.064	36.74	
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Left	Cheek	A	QPSK	25	12	1:1	0.046	37.20	
707.5	23095	Mid	LTE Band 12	10	24.80	0	Closed	Left	Tilt	A	QPSK	1	0	1:1	0.030	40.03	
707.5	23095	Mid	LTE Band 12	10	23.83	1	Closed	Left	Tilt	A	QPSK	25	12	1:1	0.022	40.41	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Right	Cheek	A	QPSK	1	0	1:1	0.101	34.77	34.77
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Right	Cheek	A	QPSK	25	0	1:1	0.083	34.82	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Right	Tilt	A	QPSK	1	0	1:1	0.040	38.79	
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Right	Tilt	A	QPSK	25	0	1:1	0.035	38.57	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Left	Cheek	A	QPSK	1	0	1:1	0.065	36.68	
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Left	Cheek	A	QPSK	25	0	1:1	0.058	36.38	
782.0	23230	Mid	LTE Band 13	10	24.81	0	Closed	Left	Tilt	A	QPSK	1	0	1:1	0.029	40.19	
782.0	23230	Mid	LTE Band 13	10	24.01	1	Closed	Left	Tilt	A	QPSK	25	0	1:1	0.024	40.21	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Right	Cheek	A	QPSK	1	0	1:1	0.147	33.18	33.18
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Right	Cheek	A	QPSK	25	25	1:1	0.116	33.29	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Right	Tilt	A	QPSK	1	0	1:1	0.053	37.61	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Right	Tilt	A	QPSK	25	25	1:1	0.045	37.40	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Left	Cheek	A	QPSK	1	0	1:1	0.108	34.52	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Left	Cheek	A	QPSK	25	25	1:1	0.089	34.44	
836.5	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	Left	Tilt	A	QPSK	1	0	1:1	0.044	38.42	
836.5	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	Left	Tilt	A	QPSK	25	25	1:1	0.039	38.02	

**Table A-4**  
**DSI = 11  $P_{Limit}$  Calculations – 2G/3G Body-Worn SAR**

MEASUREMENT RESULTS													SAR (1g)	PLimit	Minimum PLimit
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Spacing (mm)	Antenna Config.	Side	Duty Cycle	(W/kg)	[dBm]	[dBm]			
MHz	Ch.									(W/kg)	[dBm]	[dBm]			
836.60	190	GSM 850	GSM	32.91	Closed	15	A+B	Back	1:8.3	0.087	34.31	34.31			
1880.00	661	GSM 1900	GSM	29.43	Closed	15	B	Back	1:8.3	0.244	26.35	26.35			
826.40	4132	UMTS 850	RMC	24.91	Closed	15	A+B	Back	1:1	0.114	34.34	29.29			
836.60	190	GSM 850	GSM	32.91	Closed	15	A	Back	1:8.3	0.096	33.89	33.89			
826.40	4132	UMTS 850	RMC	24.91	Closed	15	A	Back	1:1	0.158	32.92	32.92			




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

FCC ID: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-5**  
**DSI = 11  $P_{Limit}$  Calculations – 4G Body-Worn SAR**

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.														(W/kg)	[dBm]	[dBm]
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	15	Back	1:1	0.175	32.37	32.37
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A+B	QPSK	25	12	15	Back	1:1	0.134	32.56	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	15	Back	1:1	0.183	32.19	32.19
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A+B	QPSK	25	0	15	Back	1:1	0.148	32.31	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	15	Back	1:1	0.101	34.81	34.81
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A+B	QPSK	25	25	15	Back	1:1	0.081	34.85	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	15	Back	1:1	0.513	27.90	27.76
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	15	Back	1:1	0.411	27.76	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	15	Back	1:1.58	0.128	29.17	29.17
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	15	Back	1:1.58	0.128	29.29	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	15	Back	1:1	0.122	33.94	33.94
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A	QPSK	25	12	15	Back	1:1	0.092	34.19	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	15	Back	1:1	0.126	33.81	33.81
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A	QPSK	25	0	15	Back	1:1	0.102	33.92	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	15	Back	1:1	0.142	33.33	33.29
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A	QPSK	25	25	15	Back	1:1	0.116	33.29	




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

FCC ID: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-6**  
**DSI = 5 or DSI = 6  $P_{Limit}$  Calculations – 2G/3G Hotspot**

MEASUREMENT RESULTS													
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Spacing (mm)	Antenna Config.	Side	# of GPRS Slots	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.										(W/kg)	[dBm]	[dBm]
836.60	190	GSM 850	GPRS	29.72	Closed	10	A+B	Back	3	1:2.76	0.166	33.09	33.09
836.60	190	GSM 850	GPRS	29.72	Closed	10	A+B	Front	3	1:2.76	0.047	38.57	
836.60	190	GSM 850	GPRS	29.72	Closed	10	A+B	Bottom	3	1:2.76	0.039	39.38	
836.60	190	GSM 850	GPRS	29.72	Closed	10	A+B	Right	3	1:2.76	0.156	33.36	
836.60	190	GSM 850	GPRS	29.72	Closed	10	A+B	Left	3	1:2.76	0.062	37.37	
1880.00	661	GSM 1900	GPRS	20.57	Closed	10	B	Back	4	1:2.076	0.209	24.19	22.31
1880.00	661	GSM 1900	GPRS	20.57	Closed	10	B	Front	4	1:2.076	0.071	28.88	
1880.00	661	GSM 1900	GPRS	20.57	Closed	10	B	Bottom	4	1:2.076	0.322	22.31	
1880.00	661	GSM 1900	GPRS	20.57	Closed	10	B	Right	4	1:2.076	0.040	31.37	
1880.00	661	GSM 1900	GPRS	20.57	Closed	10	B	Left	4	1:2.076	0.032	32.34	
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A+B	Back	N/A	1:1	0.239	31.13	30.90
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A+B	Front	N/A	1:1	0.096	35.09	
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A+B	Bottom	N/A	1:1	0.071	36.40	
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A+B	Right	N/A	1:1	0.252	30.90	
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A+B	Left	N/A	1:1	0.095	35.13	
836.60	190	GSM 850	GPRS	29.72	Closed	10	A	Back	3	1:2.76	0.272	30.94	30.94
836.60	190	GSM 850	GPRS	29.72	Closed	10	A	Front	3	1:2.76	0.084	36.05	
836.60	190	GSM 850	GPRS	29.72	Closed	10	A	Bottom	3	1:2.76	0.095	35.51	
836.60	190	GSM 850	GPRS	29.72	Closed	10	A	Right	3	1:2.76	0.261	31.12	
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A	Back	N/A	1:1	0.226	31.37	29.56
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A	Front	N/A	1:1	0.140	33.45	
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A	Bottom	N/A	1:1	0.138	33.51	
826.40	4132	UMTS 850	RMC	24.91	Closed	10	A	Right	N/A	1:1	0.343	29.56	




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

FCC ID: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-7**  
**DSI = 5 or DSI = 6  $P_{Limit}$  Calculations – 4G Hotspot**

MEASUREMENT RESULTS														SAR (1g)	PLimit	Minimum PLimit			
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle				SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.																		
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	10	Back	1:1	0.249	30.84	28.71		
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A+B	QPSK	25	12	10	Back	1:1	0.205	30.71			
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	10	Front	1:1	0.148	33.10			
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A+B	QPSK	25	25	10	Front	1:1	0.116	33.19			
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	10	Bottom	1:1	0.092	35.16			
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A+B	QPSK	25	12	10	Bottom	1:1	0.074	35.14			
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	10	Right	1:1	0.406	28.71			
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A+B	QPSK	25	12	10	Right	1:1	0.295	29.13			
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	10	Left	1:1	0.166	32.60			
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A+B	QPSK	25	12	10	Left	1:1	0.113	33.30			
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	10	Back	1:1	0.275	30.42	29.71		
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A+B	QPSK	25	0	10	Back	1:1	0.217	30.65			
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	10	Front	1:1	0.163	32.69			
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A+B	QPSK	25	0	10	Front	1:1	0.136	32.67			
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	10	Bottom	1:1	0.084	35.57			
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A+B	QPSK	25	0	10	Bottom	1:1	0.070	35.56			
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	10	Right	1:1	0.311	29.88			
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A+B	QPSK	25	0	10	Right	1:1	0.269	29.71			
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	10	Left	1:1	0.144	33.23			
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A+B	QPSK	25	0	10	Left	1:1	0.131	32.84			
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	10	Back	1:1	0.216	31.51	31.05		
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A+B	QPSK	25	25	10	Back	1:1	0.185	31.26			
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	10	Front	1:1	0.114	34.28			
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A+B	QPSK	25	25	10	Front	1:1	0.096	34.11			
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	10	Bottom	1:1	0.052	37.69			
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A+B	QPSK	25	25	10	Bottom	1:1	0.044	37.50			
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	10	Right	1:1	0.226	31.31			
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A+B	QPSK	25	25	10	Right	1:1	0.194	31.05			
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	10	Left	1:1	0.100	34.85			
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A+B	QPSK	25	25	10	Left	1:1	0.086	34.59			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Closed	B	QPSK	1	50	10	Back	1:1	0.320	23.24	21.96		
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Closed	B	QPSK	50	25	10	Back	1:1	0.325	23.26			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Closed	B	QPSK	1	50	10	Front	1:1	0.048	31.48			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Closed	B	QPSK	50	25	10	Front	1:1	0.049	31.48			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Closed	B	QPSK	1	50	10	Bottom	1:1	0.430	21.96			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Closed	B	QPSK	50	25	10	Bottom	1:1	0.437	21.98			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Closed	B	QPSK	1	50	10	Right	1:1	0.049	31.39			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Closed	B	QPSK	50	25	10	Right	1:1	0.051	31.30			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Closed	B	QPSK	1	50	10	Left	1:1	0.018	35.74			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Closed	B	QPSK	50	25	10	Left	1:1	0.021	35.16			
2506.00	39750	Low	LTE Band 41	20	18.22	0	Closed	B	QPSK	1	99	10	Back	1:1.58	0.167	24.01	20.58		
2506.00	39750	Low	LTE Band 41	20	18.34	0	Closed	B	QPSK	50	25	10	Back	1:1.58	0.163	24.23			
2506.00	39750	Low	LTE Band 41	20	18.22	0	Closed	B	QPSK	1	99	10	Front	1:1.58	0.063	28.24			
2506.00	39750	Low	LTE Band 41	20	18.34	0	Closed	B	QPSK	50	25	10	Front	1:1.58	0.065	28.22			
2506.00	39750	Low	LTE Band 41	20	18.22	0	Closed	B	QPSK	1	99	10	Bottom	1:1.58	0.368	20.58			
2506.00	39750	Low	LTE Band 41	20	18.34	0	Closed	B	QPSK	50	25	10	Bottom	1:1.58	0.386	20.49			
2506.00	39750	Low	LTE Band 41	20	18.22	0	Closed	B	QPSK	1	99	10	Right	1:1.58	0.031	31.32			
2506.00	39750	Low	LTE Band 41	20	18.34	0	Closed	B	QPSK	50	25	10	Right	1:1.58	0.032	31.30			
2506.00	39750	Low	LTE Band 41	20	18.22	0	Closed	B	QPSK	1	99	10	Left	1:1.58	0.020	33.22			
2506.00	39750	Low	LTE Band 41	20	18.34	0	Closed	B	QPSK	50	25	10	Left	1:1.58	0.023	32.74			




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

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**Table A-8**  
**DSI = 5 or DSI = 6  $P_{Limit}$  Calculations – 4G Hotspot**

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit	
MHz	Ch.													(W/kg)	[dBm]	[dBm]	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	10	Back	1:1	0.190	32.01	30.47
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A	QPSK	25	12	10	Back	1:1	0.163	31.71	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	10	Front	1:1	0.088	35.36	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A	QPSK	25	12	10	Front	1:1	0.070	35.38	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	10	Bottom	1:1	0.080	35.77	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A	QPSK	25	12	10	Bottom	1:1	0.065	35.70	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	10	Right	1:1	0.271	30.47	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Closed	A	QPSK	25	12	10	Right	1:1	0.204	30.73	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	10	Back	1:1	0.252	30.80	30.39
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A	QPSK	25	0	10	Back	1:1	0.204	30.91	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	10	Front	1:1	0.111	34.36	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A	QPSK	25	0	10	Front	1:1	0.089	34.52	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	10	Bottom	1:1	0.085	35.52	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A	QPSK	25	0	10	Bottom	1:1	0.072	35.44	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	10	Right	1:1	0.266	30.56	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Closed	A	QPSK	25	0	10	Right	1:1	0.230	30.39	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	10	Back	1:1	0.303	30.04	30.04
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A	QPSK	25	25	10	Back	1:1	0.239	30.15	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	10	Front	1:1	0.135	33.55	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A	QPSK	25	25	10	Front	1:1	0.101	33.89	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	10	Bottom	1:1	0.091	35.26	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A	QPSK	25	25	10	Bottom	1:1	0.076	35.12	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	10	Right	1:1	0.261	30.68	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Closed	A	QPSK	25	25	10	Right	1:1	0.220	30.51	




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

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**Table A-9**  
**DSI = 11  $P_{Limit}$  Calculations – 2G/3G Phablet SAR**

MEASUREMENT RESULTS													
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Antenna Config.	Spacing	Side	# of GPRS Slots	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.										(W/kg)	[dBm]	[dBm]
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	10	Back	3	1:2.76	0.351	33.82	30.80
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Front	3	1:2.76	0.055	41.87	
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	12	Bottom	3	1:2.76	0.088	39.82	
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Right	3	1:2.76	0.703	30.80	
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Left	3	1:2.76	0.029	44.65	
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	10	Back	3	1:2.76	0.442	29.52	27.20
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	0	Front	3	1:2.76	0.753	27.20	
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	12	Bottom	3	1:2.76	0.456	29.38	
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	0	Right	3	1:2.76	0.342	30.63	
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	0	Left	3	1:2.76	0.183	33.34	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	10	Back	N/A	1:1	0.401	32.86	30.13
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Front	N/A	1:1	0.070	40.44	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	12	Bottom	N/A	1:1	0.127	37.85	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Right	N/A	1:1	0.751	30.13	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Left	N/A	1:1	0.022	45.47	
836.60	190	GSM 850	GPRS	29.72	Closed	A	10	Back	3	1:2.76	0.421	33.03	30.48
836.60	190	GSM 850	GPRS	29.72	Closed	A	0	Front	3	1:2.76	0.065	41.14	
836.60	190	GSM 850	GPRS	29.72	Closed	A	12	Bottom	3	1:2.76	0.141	37.78	
836.60	190	GSM 850	GPRS	29.72	Closed	A	0	Right	3	1:2.76	0.756	30.48	
826.40	4132	UMTS 850	RMC	24.91	Closed	A	10	Back	N/A	1:1	0.398	32.89	28.39
826.40	4132	UMTS 850	RMC	24.91	Closed	A	0	Front	N/A	1:1	0.133	37.65	
826.40	4132	UMTS 850	RMC	24.91	Closed	A	12	Bottom	N/A	1:1	0.155	36.99	
826.40	4132	UMTS 850	RMC	24.91	Closed	A	0	Right	N/A	1:1	1.121	28.39	

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




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**Table A-10**  
**DSI = 2  $P_{Limit}$  Calculations – 2G/3G Phablet SAR**

MEASUREMENT RESULTS													
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Antenna Config.	Spacing (mm)	Side	# of GPRS Slots	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.										(W/kg)	[dBm]	[dBm]
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Back	3	1:2.76	0.793	30.28	30.28
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Front	3	1:2.76	0.055	41.87	
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Bottom	3	1:2.76	0.251	35.27	
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Right	3	1:2.76	0.703	30.80	
836.60	190	GSM 850	GPRS	29.72	Closed	A+B	0	Left	3	1:2.76	0.029	44.65	
1880.00	661	GSM 1900	GPRS	20.57	Closed	B	0	Back	4	1:2.076	1.030	21.24	18.99
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	0	Front	3	1:2.76	0.753	27.20	
1850.20	512	GSM 1900	GPRS	20.31	Closed	B	0	Bottom	4	1:2.076	1.540	19.23	
1880.00	661	GSM 1900	GPRS	20.57	Closed	B	0	Bottom	4	1:2.076	1.430	19.82	
1909.80	810	GSM 1900	GPRS	20.44	Closed	B	0	Bottom	4	1:2.076	1.560	19.31	
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	0	Right	3	1:2.76	0.342	30.63	
1880.00	661	GSM 1900	GPRS	26.42	Closed	B	0	Left	3	1:2.76	0.183	33.34	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Back	N/A	1:1	0.865	29.52	29.52
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Front	N/A	1:1	0.070	40.44	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Bottom	N/A	1:1	0.312	33.95	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Right	N/A	1:1	0.751	30.13	
826.40	4132	UMTS 850	RMC	24.91	Closed	A+B	0	Left	N/A	1:1	0.022	45.47	
836.60	190	GSM 850	GPRS	29.72	Closed	A	0	Back	3	1:2.76	0.921	29.63	29.63
836.60	190	GSM 850	GPRS	29.72	Closed	A	0	Front	3	1:2.76	0.065	41.14	
836.60	190	GSM 850	GPRS	29.72	Closed	A	0	Bottom	3	1:2.76	0.424	33.00	
836.60	190	GSM 850	GPRS	29.72	Closed	A	0	Right	3	1:2.76	0.756	30.48	
826.40	4132	UMTS 850	RMC	24.91	Closed	A	0	Back	N/A	1:1	1.068	28.60	28.39
826.40	4132	UMTS 850	RMC	24.91	Closed	A	0	Front	N/A	1:1	0.133	37.65	
826.40	4132	UMTS 850	RMC	24.91	Closed	A	0	Bottom	N/A	1:1	0.404	32.83	
826.40	4132	UMTS 850	RMC	24.91	Closed	A	0	Right	N/A	1:1	1.121	28.39	




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

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**Table A-11**  
**DSI = 11  $P_{Limit}$  Calculations – 4G Phablet SAR**




MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit	
MHz	Ch.													(W/kg)	[dBm]	[dBm]	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	10	Back	1:1	0.421	32.54	27.62
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Front	1:1	0.031	43.87	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	12	Bottom	1:1	0.309	33.88	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Right	1:1	1.305	27.62	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Left	1:1	0.044	42.34	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	10	Back	1:1	0.491	31.88	28.09
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Front	1:1	0.058	41.16	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	12	Bottom	1:1	0.255	34.72	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Right	1:1	1.176	28.09	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Left	1:1	0.060	41.01	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	10	Back	1:1	0.432	32.47	27.93
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Front	1:1	0.070	40.38	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	12	Bottom	1:1	0.161	36.76	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Right	1:1	1.231	27.93	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Left	1:1	0.033	43.64	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	10	Back	1:1	0.582	31.33	30.25
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	10	Back	1:1	0.467	31.19	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	0	Front	1:1	0.720	30.41	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	0	Front	1:1	0.580	30.25	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	12	Bottom	1:1	0.666	30.74	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	12	Bottom	1:1	0.539	30.56	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	0	Right	1:1	0.634	30.96	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	0	Right	1:1	0.510	30.80	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	0	Left	1:1	0.251	34.98	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	0	Left	1:1	0.202	34.83	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	10	Back	1:1.58	0.230	30.61	28.78
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	10	Back	1:1.58	0.222	30.88	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	0	Front	1:1.58	0.334	28.99	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	0	Front	1:1.58	0.345	28.97	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	12	Bottom	1:1.58	0.350	28.78	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	12	Bottom	1:1.58	0.355	28.84	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	0	Right	1:1.58	0.210	31.00	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	0	Right	1:1.58	0.212	31.08	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	0	Left	1:1.58	0.131	33.05	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	0	Left	1:1.58	0.134	33.07	

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: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-12**  
**DSI = 11  $P_{Limit}$  Calculations – 4G Phablet SAR**




MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit	
MHz	Ch.													(W/kg)	[dBm]	[dBm]	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	10	Back	1:1	0.356	33.26	29.23
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	0	Front	1:1	0.022	45.36	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	12	Bottom	1:1	0.244	34.91	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A	QPSK	1	0	0	Right	1:1	0.901	29.23	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	10	Back	1:1	0.412	32.64	29.24
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	0	Front	1:1	0.023	45.17	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	12	Bottom	1:1	0.222	35.33	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A	QPSK	1	0	0	Right	1:1	0.901	29.24	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	10	Back	1:1	0.476	32.05	27.06
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	0	Front	1:1	0.101	38.79	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	12	Bottom	1:1	0.209	35.63	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A	QPSK	1	0	0	Right	1:1	1.503	27.06	

FCC ID: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-13**  
**DSI = 2  $P_{Limit}$  Calculations – 4G Phablet SAR**

MEASUREMENT RESULTS																	
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.																
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Back	1:1	0.705	30.30	27.62
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Front	1:1	0.031	43.87	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Bottom	1:1	0.677	30.47	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Right	1:1	1.305	27.62	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	A+B	QPSK	1	0	0	Left	1:1	0.044	42.34	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Back	1:1	0.921	29.15	28.09
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Front	1:1	0.058	41.16	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Bottom	1:1	0.509	31.72	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Right	1:1	1.176	28.09	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	A+B	QPSK	1	0	0	Left	1:1	0.060	41.01	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Back	1:1	0.767	29.98	27.93
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Front	1:1	0.070	40.38	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Bottom	1:1	0.344	33.46	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Right	1:1	1.231	27.93	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	A+B	QPSK	1	0	0	Left	1:1	0.033	43.64	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Closed	B	QPSK	1	50	0	Back	1:1	0.871	22.87	21.64
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Closed	B	QPSK	50	25	0	Back	1:1	0.901	22.81	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	0	Front	1:1	0.720	30.41	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	0	Front	1:1	0.580	30.25	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Closed	B	QPSK	1	50	0	Bottom	1:1	1.140	21.70	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Closed	B	QPSK	50	25	0	Bottom	1:1	1.180	21.64	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	0	Right	1:1	0.634	30.96	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	0	Right	1:1	0.510	30.80	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Closed	B	QPSK	1	50	0	Left	1:1	0.251	34.98	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Closed	B	QPSK	50	25	0	Left	1:1	0.202	34.83	
2506.00	39750	Low	LTE Band 41	20	18.22	0	Closed	B	QPSK	1	99	0	Back	1:1.58	0.548	22.83	18.82
2506.00	39750	Low	LTE Band 41	20	18.34	0	Closed	B	QPSK	50	25	0	Back	1:1.58	0.561	22.84	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	0	Front	1:1.58	0.334	28.99	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	0	Front	1:1.58	0.345	28.97	
2506.00	39750	Low	LTE Band 41	20	18.22	0	Closed	B	QPSK	1	99	0	Bottom	1:1.58	1.250	19.24	
2506.00	39750	Low	LTE Band 41	20	18.34	0	Closed	B	QPSK	50	25	0	Bottom	1:1.58	1.320	19.13	
2549.50	40185	Low-Mid	LTE Band 41	20	18.16	0	Closed	B	QPSK	50	25	0	Bottom	1:1.58	1.360	18.82	
2593.00	40620	Mid	LTE Band 41	20	18.32	0	Closed	B	QPSK	50	25	0	Bottom	1:1.58	1.390	18.88	
2636.50	41055	Mid-High	LTE Band 41	20	18.31	0	Closed	B	QPSK	50	25	0	Bottom	1:1.58	1.320	19.10	
2680.00	41490	High	LTE Band 41	20	18.28	0	Closed	B	QPSK	50	50	0	Bottom	1:1.58	1.300	19.13	
2506.00	39750	Low	LTE Band 41	20	18.20	0	Closed	B	QPSK	100	0	0	Bottom	1:1.58	1.300	19.05	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	0	Right	1:1.58	0.210	31.00	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	0	Right	1:1.58	0.212	31.08	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Closed	B	QPSK	1	50	0	Left	1:1.58	0.131	33.05	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Closed	B	QPSK	50	25	0	Left	1:1.58	0.134	33.07	




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: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-14**  
**DSI = 2  $P_{Limit}$  Calculations – 4G Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit
MHz	Ch.													(W/kg)	[dBm]	[dBm]
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	QPSK	1	0	0	Back	1:1	0.631	30.78	29.23
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	QPSK	1	0	0	Front	1:1	0.022	45.36	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	QPSK	1	0	0	Bottom	1:1	0.461	32.14	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Closed	QPSK	1	0	0	Right	1:1	0.901	29.23	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	QPSK	1	0	0	Back	1:1	0.757	30.00	29.24
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	QPSK	1	0	0	Front	1:1	0.023	45.17	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	QPSK	1	0	0	Bottom	1:1	0.411	32.65	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Closed	QPSK	1	0	0	Right	1:1	0.901	29.24	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	QPSK	1	0	0	Back	1:1	0.856	29.50	27.06
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	QPSK	1	0	0	Front	1:1	0.101	38.79	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	QPSK	1	0	0	Bottom	1:1	0.451	32.29	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Closed	QPSK	1	0	0	Right	1:1	1.503	27.06	




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: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-15**  
**DSI = 0  $P_{Limit}$  Calculations – 2G/3G 1g UMPC SAR**

MEASUREMENT RESULTS													
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Spacing (mm)	Antenna Config.	Side	# of GPRS Slots	Duty Cycle	SAR (1g)	P <sub>Limit</sub>	Minimum P <sub>Limit</sub>
MHz	Ch.										(W/kg)	[dBm]	[dBm]
836.60	190	GSM 850	GPRS	29.72	Open	12	A+B	Back	3	1:2.76	0.251	31.29	30.04
836.60	190	GSM 850	GPRS	29.72	Open	10	A+B	Front	3	1:2.76	0.335	30.04	
836.60	190	GSM 850	GPRS	29.72	Open	16	A+B	Bottom	3	1:2.76	0.201	32.26	
836.60	190	GSM 850	GPRS	29.72	Open	10	A+B	Right	3	1:2.76	0.253	31.26	
1880.00	661	GSM 1900	GPRS	26.42	Open	12	B	Back	3	1:2.76	0.482	26.41	23.63
1850.20	512	GSM 1900	GPRS	26.35	Open	10	B	Front	3	1:2.76	0.630	23.93	
1880.00	661	GSM 1900	GPRS	26.42	Open	10	B	Front	3	1:2.76	0.569	24.44	
1909.80	810	GSM 1900	GPRS	26.40	Open	10	B	Front	3	1:2.76	0.682	23.63	
1880.00	661	GSM 1900	GPRS	26.42	Open	16	B	Bottom	3	1:2.76	0.422	26.99	
1880.00	661	GSM 1900	GPRS	26.42	Open	10	B	Right	3	1:2.76	0.095	32.21	
826.40	4132	UMTS 850	RMC	24.91	Open	12	A+B	Back	N/A	1:1	0.347	29.51	29.29
826.40	4132	UMTS 850	RMC	24.91	Open	10	A+B	Front	N/A	1:1	0.365	29.29	
826.40	4132	UMTS 850	RMC	24.91	Open	16	A+B	Bottom	N/A	1:1	0.233	31.24	
826.40	4132	UMTS 850	RMC	24.91	Open	10	A+B	Right	N/A	1:1	0.299	30.15	




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: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-16**  
**DSI = 1  $P_{Limit}$  Calculations – 2G/3G 1g UMPC SAR**

MEASUREMENT RESULTS													
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Spacing (mm)	Antenna Config.	Side	# of GPRS Slots	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit
MHz	Ch.										(W/kg)	[dBm]	[dBm]
836.60	190	GSM 850	GPRS	29.72	Open	10	A+B	Back	3	1:2.76	0.397	29.30	29.30
836.60	190	GSM 850	GPRS	29.72	Open	10	A+B	Front	3	1:2.76	0.335	30.04	
836.60	190	GSM 850	GPRS	29.72	Open	10	A+B	Bottom	3	1:2.76	0.260	31.14	
836.60	190	GSM 850	GPRS	29.72	Open	10	A+B	Right	3	1:2.76	0.253	31.26	
1880.00	661	GSM 1900	GPRS	20.57	Open	10	B	Back	4	1:2.076	0.231	23.75	22.09
1850.20	512	GSM 1900	GPRS	26.35	Open	10	B	Front	3	1:2.76	0.630	23.93	
1880.00	661	GSM 1900	GPRS	26.42	Open	10	B	Front	3	1:2.76	0.569	24.44	
1909.80	810	GSM 1900	GPRS	26.40	Open	10	B	Front	3	1:2.76	0.682	23.63	
1880.00	661	GSM 1900	GPRS	20.57	Open	10	B	Bottom	4	1:2.076	0.339	22.09	
1880.00	661	GSM 1900	GPRS	26.42	Open	10	B	Right	3	1:2.76	0.095	32.21	
826.40	4132	UMTS 850	RMC	24.91	Open	10	A+B	Back	N/A	1:1	0.435	28.53	28.53
826.40	4132	UMTS 850	RMC	24.91	Open	10	A+B	Front	N/A	1:1	0.365	29.29	
826.40	4132	UMTS 850	RMC	24.91	Open	10	A+B	Bottom	N/A	1:1	0.329	29.74	
826.40	4132	UMTS 850	RMC	24.91	Open	10	A+B	Right	N/A	1:1	0.299	30.15	




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

FCC ID: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-17**  
**DSI = 0  $P_{Limit}$  Calculations – 4G 1g UMPC SAR**

MEASUREMENT RESULTS																									
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit									
MHz	Ch.													[W/kg]	[dBm]	[dBm]									
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	12	Back	1:1	0.303	29.99	29.47								
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	10	Front	1:1	0.332	29.59		29.47							
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	10	Front	1:1	0.273	29.47			29.47						
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	16	Bottom	1:1	0.162	32.70				29.47					
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	0	Right	1:1	0.226	31.26					29.47				
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	0	Right	1:1	0.167	31.60						29.47			
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	12	Back	1:1	0.385	28.96	28.96								
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	10	Front	1:1	0.350	29.37		28.96							
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	10	Front	1:1	0.289	29.40			28.96						
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	16	Bottom	1:1	0.151	33.02				28.96					
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	0	Right	1:1	0.171	32.48					28.96				
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	0	Right	1:1	0.158	32.02						28.96			
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	12	Back	1:1	0.409	28.73	28.73								
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	10	Front	1:1	0.343	29.50		28.73							
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	10	Front	1:1	0.279	29.47			28.73						
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	16	Bottom	1:1	0.275	30.46				28.73					
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	0	Right	1:1	0.263	30.65					28.73				
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	0	Right	1:1	0.189	31.17						28.73			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	12	Back	1:1	0.682	26.66	25.90								
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	12	Back	1:1	0.553	26.47		25.90							
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.85	1	Open	B	QPSK	100	0	12	Back	1:1	0.549	26.45			25.90						
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	10	Front	1:1	0.755	26.22				25.90					
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	10	Front	1:1	0.611	26.04					25.90				
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.85	1	Open	B	QPSK	100	0	10	Front	1:1	0.624	25.90						25.90			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	16	Bottom	1:1	0.577	27.39							25.90		
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	16	Bottom	1:1	0.453	27.34								25.90	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	0	Right	1:1	0.332	29.79									25.90
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	0	Right	1:1	0.261	29.73									
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	12	Back	1:1.58	0.343	24.89	23.49								
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	12	Back	1:1.58	0.339	25.06		23.49							
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	10	Front	1:1.58	0.474	23.49			23.49						
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	10	Front	1:1.58	0.476	23.59				23.49					
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	16	Bottom	1:1.58	0.347	24.84					23.49				
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	16	Bottom	1:1.58	0.356	24.85						23.49			
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	10	Right	1:1.58	0.094	30.51							23.49		
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	10	Right	1:1.58	0.098	30.45								23.49	

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




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**Table A-18**  
**DSI = 1  $P_{Limit}$  Calculations – 4G 1g UMPC SAR**

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (1g)	PLimit	Minimum PLimit	
MHz	Ch.													(W/kg)	[dBm]	[dBm]	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	10	Back	1:1	0.400	28.78	28.68
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	10	Back	1:1	0.327	28.68	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	10	Front	1:1	0.332	29.59	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	10	Front	1:1	0.273	29.47	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	10	Bottom	1:1	0.190	32.01	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	10	Bottom	1:1	0.148	32.13	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	10	Right	1:1	0.226	31.26	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	10	Right	1:1	0.167	31.60	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	10	Back	1:1	0.495	27.86	27.86
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	10	Back	1:1	0.403	27.96	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	10	Front	1:1	0.350	29.37	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	10	Front	1:1	0.289	29.40	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	10	Bottom	1:1	0.232	31.16	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	10	Bottom	1:1	0.205	30.89	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	10	Right	1:1	0.171	32.48	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	10	Right	1:1	0.158	32.02	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	10	Back	1:1	0.472	28.11	28.11
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	10	Back	1:1	0.339	28.63	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	10	Front	1:1	0.343	29.50	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	10	Front	1:1	0.279	29.47	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	10	Bottom	1:1	0.368	29.19	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	10	Bottom	1:1	0.281	29.44	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	10	Right	1:1	0.263	30.65	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	10	Right	1:1	0.189	31.17	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Open	B	QPSK	1	50	10	Back	1:1	0.191	25.48	23.22
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Open	B	QPSK	50	25	10	Back	1:1	0.196	25.46	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	10	Front	1:1	0.755	26.22	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	10	Front	1:1	0.611	26.04	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.85	1	Open	B	QPSK	100	0	10	Front	1:1	0.624	25.90	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Open	B	QPSK	1	50	10	Bottom	1:1	0.314	23.32	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Open	B	QPSK	50	25	10	Bottom	1:1	0.328	23.22	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	10	Right	1:1	0.332	29.79	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	10	Right	1:1	0.261	29.73	
2506.00	39750	Low	LTE Band 41	20	18.22	0	Open	B	QPSK	1	99	10	Back	1:1.58	0.197	23.29	20.02
2506.00	39750	Low	LTE Band 41	20	18.34	0	Open	B	QPSK	50	25	10	Back	1:1.58	0.203	23.28	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	10	Front	1:1.58	0.474	23.49	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	10	Front	1:1.58	0.476	23.59	
2506.00	39750	Low	LTE Band 41	20	18.22	0	Open	B	QPSK	1	99	10	Bottom	1:1.58	0.418	20.02	
2506.00	39750	Low	LTE Band 41	20	18.34	0	Open	B	QPSK	50	25	10	Bottom	1:1.58	0.432	20.00	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	10	Right	1:1.58	0.094	30.51	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	10	Right	1:1.58	0.098	30.45	




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

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**Table A-19**  
**DSI = 0  $P_{Limit}$  Calculations – 2G/3G 10g UMPC SAR**

MEASUREMENT RESULTS													
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Antenna Config.	Spacing	Side	# of GPRS Slots	Duty Cycle	SAR (10g)	$P_{Limit}$	Minimum $P_{Limit}$
MHz	Ch.										(W/kg)	[dBm]	[dBm]
836.60	190	GSM 850	GPRS	29.72	Open	A+B	12	Back	3	1:2.76	0.831	30.07	29.94
836.60	190	GSM 850	GPRS	29.72	Open	A+B	9	Front	3	1:2.76	0.791	30.29	
836.60	190	GSM 850	GPRS	29.72	Open	A+B	16	Bottom	3	1:2.76	0.675	30.98	
836.60	190	GSM 850	GPRS	29.72	Open	A+B	0	Right	3	1:2.76	0.857	29.94	
1880.00	661	GSM 1900	GPRS	26.42	Open	B	12	Back	3	1:2.76	0.260	31.82	29.86
1880.00	661	GSM 1900	GPRS	26.42	Open	B	9	Front	3	1:2.76	0.273	31.61	
1880.00	661	GSM 1900	GPRS	26.42	Open	B	16	Bottom	3	1:2.76	0.237	32.22	
1880.00	661	GSM 1900	GPRS	26.42	Open	B	0	Right	3	1:2.76	0.408	29.86	
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	12	Back	N/A	1:1	0.855	29.57	29.57
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	9	Front	N/A	1:1	0.688	30.51	
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	16	Bottom	N/A	1:1	0.699	30.44	
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	0	Right	N/A	1:1	0.801	29.85	




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: A3LSMF926JPN	 Proud to be part of 	PART 0 SAR CHAR REPORT		Approved by: Quality Manager
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**Table A-20**  
**DSI = 1  $P_{Limit}$  Calculations – 2G/3G 10g UMPC SAR**

MEASUREMENT RESULTS													
FREQUENCY		Mode/Band	Service	Conducted Power [dBm]	Configuration	Antenna Config.	Spacing (mm)	Side	# of GPRS Slots	Duty Cycle	SAR (10g)	P <sub>Limit</sub>	Minimum P <sub>Limit</sub>
MHz	Ch.										(W/kg)	[dBm]	[dBm]
824.20	128	GSM 850	GPRS	29.40	Open	A+B	0	Back	3	1:2.76	1.230	28.05	27.77
836.60	190	GSM 850	GPRS	29.72	Open	A+B	0	Back	3	1:2.76	1.290	28.16	
848.80	251	GSM 850	GPRS	29.49	Open	A+B	0	Back	3	1:2.76	1.340	27.77	
836.60	190	GSM 850	GPRS	29.72	Open	A+B	0	Front	3	1:2.76	0.868	29.88	
836.60	190	GSM 850	GPRS	29.72	Open	A+B	0	Bottom	3	1:2.76	0.731	30.63	
836.60	190	GSM 850	GPRS	29.72	Open	A+B	0	Right	3	1:2.76	0.857	29.94	
1880.00	661	GSM 1900	GPRS	20.57	Open	B	0	Back	4	1:2.076	0.973	21.49	18.99
1880.00	661	GSM 1900	GPRS	20.57	Open	B	0	Front	4	1:2.076	0.639	23.31	
1850.20	512	GSM 1900	GPRS	20.31	Open	B	0	Bottom	4	1:2.076	1.630	18.99	
1880.00	661	GSM 1900	GPRS	20.57	Open	B	0	Bottom	4	1:2.076	1.540	19.49	
1909.80	810	GSM 1900	GPRS	20.44	Open	B	0	Bottom	4	1:2.076	1.680	18.99	
1880.00	661	GSM 1900	GPRS	26.42	Open	B	0	Right	3	1:2.76	0.408	29.86	
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	0	Back	N/A	1:1	1.170	28.21	28.21
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	0	Front	N/A	1:1	0.734	30.23	
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	0	Bottom	N/A	1:1	0.771	30.02	
826.40	4132	UMTS 850	RMC	24.91	Open	A+B	0	Right	N/A	1:1	0.801	29.85	




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

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**Table A-21**  
**DSI = 0  $P_{Limit}$  Calculations – 4G 10g UMPC SAR**

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	PLimit	Minimum PLimit	
MHz	Ch.													(W/kg)	[dBm]	[dBm]	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	12	Back	1:1	0.749	30.03	28.02
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	9	Front	1:1	0.711	30.26	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	16	Bottom	1:1	0.958	28.97	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	0	Right	1:1	1.130	28.25	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	0	Right	1:1	0.953	28.02	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	12	Back	1:1	0.989	28.84	28.84
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	9	Front	1:1	0.818	29.66	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	16	Bottom	1:1	0.752	30.03	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	0	Right	1:1	0.719	30.22	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	0	Right	1:1	0.580	30.36	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	12	Back	1:1	0.821	29.69	29.69
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	9	Front	1:1	0.799	29.80	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	16	Bottom	1:1	0.703	30.36	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	0	Right	1:1	0.771	29.96	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	0	Right	1:1	0.629	29.92	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	12	Back	1:1	0.369	33.31	30.12
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	12	Back	1:1	0.299	33.12	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	9	Front	1:1	0.531	31.73	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	9	Front	1:1	0.427	31.58	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	16	Bottom	1:1	0.320	33.93	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	16	Bottom	1:1	0.252	33.87	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	0	Right	1:1	0.747	30.25	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	0	Right	1:1	0.597	30.12	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	12	Back	1:1.58	0.171	31.89	30.72
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	12	Back	1:1.58	0.169	32.06	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	9	Front	1:1.58	0.224	30.72	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	9	Front	1:1.58	0.220	30.92	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	16	Bottom	1:1.58	0.182	31.62	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	16	Bottom	1:1.58	0.186	31.65	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	0	Right	1:1.58	0.158	32.24	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	0	Right	1:1.58	0.165	32.17	




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

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**Table A-22**  
**DSI = 1  $P_{Limit}$  Calculations – 4G 10g UMPC SAR**

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	MPR [dB]	Configuration	Antenna Config.	Modulation	RB Size	RB Offset	Spacing (mm)	Side	Duty Cycle	SAR (10g)	P Limit	Minimum P Limit	
MHz	Ch.													(W/kg)	[dBm]	[dBm]	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	0	Back	1:1	0.998	28.79	28.02
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	0	Back	1:1	0.797	28.79	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	0	Front	1:1	0.753	30.01	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	0	Front	1:1	0.613	29.93	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	0	Bottom	1:1	1.020	28.69	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	0	Bottom	1:1	0.804	28.76	
707.50	23095	Mid	LTE Band 12	10	24.80	0	Open	A+B	QPSK	1	0	0	Right	1:1	1.130	28.25	
707.50	23095	Mid	LTE Band 12	10	23.83	1	Open	A+B	QPSK	25	12	0	Right	1:1	0.953	28.02	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	0	Back	1:1	1.040	28.62	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	0	Back	1:1	0.868	28.60	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	0	Front	1:1	0.870	29.39	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	0	Front	1:1	0.719	29.42	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	0	Bottom	1:1	0.811	29.70	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	0	Bottom	1:1	0.673	29.71	
782.00	23230	Mid	LTE Band 13	10	24.81	0	Open	A+B	QPSK	1	0	0	Right	1:1	0.719	30.22	
782.00	23230	Mid	LTE Band 13	10	24.01	1	Open	A+B	QPSK	25	0	0	Right	1:1	0.580	30.36	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	0	Back	1:1	0.975	28.94	27.93
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	0	Back	1:1	0.786	28.96	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	0	Front	1:1	0.837	29.60	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	0	Front	1:1	0.662	29.70	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	0	Bottom	1:1	0.767	29.98	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	0	Bottom	1:1	0.630	29.92	
836.50	20525	Mid	LTE Band 5 (Cell)	10	24.85	0	Open	A+B	QPSK	1	0	0	Right	1:1	0.771	29.96	
836.50	20525	Mid	LTE Band 5 (Cell)	10	23.93	1	Open	A+B	QPSK	25	25	0	Right	1:1	0.629	29.92	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Open	B	QPSK	1	50	0	Back	1:1	0.798	23.25	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Open	B	QPSK	50	25	0	Back	1:1	0.822	23.21	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Open	B	QPSK	1	50	0	Front	1:1	0.690	23.88	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Open	B	QPSK	50	25	0	Front	1:1	0.708	23.86	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.29	0	Open	B	QPSK	1	50	0	Bottom	1:1	1.660	20.07	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.38	0	Open	B	QPSK	50	25	0	Bottom	1:1	1.750	19.93	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	18.28	0	Open	B	QPSK	100	0	0	Bottom	1:1	1.710	19.93	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	25.00	0	Open	B	QPSK	1	50	0	Right	1:1	0.747	30.25	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	23.90	1	Open	B	QPSK	50	25	0	Right	1:1	0.597	30.12	
2506.00	39750	Low	LTE Band 41	20	18.22	0	Open	B	QPSK	1	99	0	Back	1:1.58	0.729	21.59	18.59
2506.00	39750	Low	LTE Band 41	20	18.34	0	Open	B	QPSK	50	25	0	Back	1:1.58	0.755	21.55	
2506.00	39750	Low	LTE Band 41	20	18.22	0	Open	B	QPSK	1	99	0	Front	1:1.58	0.656	22.04	
2506.00	39750	Low	LTE Band 41	20	18.34	0	Open	B	QPSK	50	25	0	Front	1:1.58	0.675	22.04	
2506.00	39750	Low	LTE Band 41	20	18.22	0	Open	B	QPSK	1	99	0	Bottom	1:1.58	1.330	18.97	
2549.50	40185	Low-Mid	LTE Band 41	20	18.00	0	Open	B	QPSK	1	50	0	Bottom	1:1.58	1.380	18.59	
2593.00	40620	Mid	LTE Band 41	20	18.11	0	Open	B	QPSK	1	50	0	Bottom	1:1.58	1.390	18.67	
2636.50	41055	Mid-High	LTE Band 41	20	18.21	0	Open	B	QPSK	1	50	0	Bottom	1:1.58	1.300	19.06	
2680.00	41490	High	LTE Band 41	20	18.09	0	Open	B	QPSK	1	50	0	Bottom	1:1.58	1.320	18.88	
2506.00	39750	Low	LTE Band 41	20	18.34	0	Open	B	QPSK	50	25	0	Bottom	1:1.58	1.370	18.97	
2549.50	40185	Low-Mid	LTE Band 41	20	18.16	0	Open	B	QPSK	50	25	0	Bottom	1:1.58	1.400	18.69	
2593.00	40620	Mid	LTE Band 41	20	18.32	0	Open	B	QPSK	50	25	0	Bottom	1:1.58	1.430	18.76	
2636.50	41055	Mid-High	LTE Band 41	20	18.31	0	Open	B	QPSK	50	25	0	Bottom	1:1.58	1.340	19.03	
2680.00	41490	High	LTE Band 41	20	18.28	0	Open	B	QPSK	50	50	0	Bottom	1:1.58	1.320	19.07	
2506.00	39750	Low	LTE Band 41	20	18.20	0	Open	B	QPSK	100	0	0	Bottom	1:1.58	1.350	18.89	
2506.00	39750	Low	LTE Band 41	20	22.23	0	Open	B	QPSK	1	50	0	Right	1:1.58	0.158	32.24	
2506.00	39750	Low	LTE Band 41	20	22.35	0	Open	B	QPSK	50	25	0	Right	1:1.58	0.165	32.17	

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

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