

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

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

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

MEASUREMENT RESULTS												
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	Right	Cheek	GSM 850	GSM	A	Open	32.37	1:8.3	0.183	30.54	30.54
836.60	190	Right	Tilt	GSM 850	GSM	A	Open	32.37	1:8.3	0.082	34.03	
836.60	190	Left	Cheek	GSM 850	GSM	A	Open	32.37	1:8.3	0.140	31.71	
836.60	190	Left	Tilt	GSM 850	GSM	A	Open	32.37	1:8.3	0.078	34.25	

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

MEASUREMENT RESULTS												
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
1850.20	512	Right	Cheek	GSM 1900	GSM	A	Open	29.69	1:8.3	0.028	36.02	36.02
1850.20	512	Right	Tilt	GSM 1900	GSM	A	Open	29.69	1:8.3	0.010	40.49	
1850.20	512	Left	Cheek	GSM 1900	GSM	A	Open	29.69	1:8.3	0.018	37.94	
1850.20	512	Left	Tilt	GSM 1900	GSM	A	Open	29.69	1:8.3	0.017	38.18	

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

MEASUREMENT RESULTS												
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
846.60	4233	Right	Cheek	UMTS 850	RMC	A	Open	21.39	1:1	0.205	28.27	28.27
846.60	4233	Right	Tilt	UMTS 850	RMC	A	Open	21.39	1:1	0.110	30.98	
846.60	4233	Left	Cheek	UMTS 850	RMC	A	Open	21.39	1:1	0.198	28.42	
846.60	4233	Left	Tilt	UMTS 850	RMC	A	Open	21.39	1:1	0.106	31.14	

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Table A-4
DSI = 2 P_{Limit} Calculations – LTE Band 12 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.222	31.15	31.15
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.171	31.22	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.108	34.28	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.083	34.36	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.187	31.89	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.146	31.90	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.109	34.24	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.084	34.30	

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

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.														(W/kg)		
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.150	32.49	32.29
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.124	32.29	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.073	35.62	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.062	35.30	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.149	32.52	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.118	32.51	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.085	34.96	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.066	35.03	

Table A-6
DSI = 2 P_{Limit} Calculations – LTE Band 26 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.138	32.61	32.16
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.108	32.71	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.072	35.41	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.055	35.66	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.153	32.16	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.122	32.18	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.089	34.53	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.067	34.77	

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Table A-7
DSI = 2 P_{Limit} Calculations – LTE Band 4 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
1732.50	20175	Mid	Right	Cheek	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.047	35.94	33.52
1732.50	20175	Mid	Right	Cheek	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.038	34.35	
1732.50	20175	Mid	Right	Tilt	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.024	38.86	
1732.50	20175	Mid	Right	Tilt	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.021	36.93	
1732.50	20175	Mid	Left	Cheek	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.052	35.50	
1732.50	20175	Mid	Left	Cheek	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.046	33.52	
1732.50	20175	Mid	Left	Tilt	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.011	42.25	
1732.50	20175	Mid	Left	Tilt	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.015	38.39	

Table A-8
DSI = 2 P_{Limit} Calculations – LTE Band 41 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
															(W/kg)		
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.029	38.30	34.12
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.021	38.75	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.028	38.45	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.019	39.18	
2636.50	41055	Mid-High	Left	Cheek	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.076	34.12	
2636.50	41055	Mid-High	Left	Cheek	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.061	34.12	
2636.50	41055	Mid-High	Left	Tilt	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.018	40.37	
2636.50	41055	Mid-High	Left	Tilt	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.014	40.51	

Table A-9
DSI = 0 P_{Limit} Calculations – GSM Body-Worn SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	15 mm	GSM 850	GSM	A	Open	32.37	1:8.3	0.108	32.83	31.10
836.60	190	back	15 mm	GSM 850	GSM	A	Closed	32.37	1:8.3	0.161	31.10	
1850.20	512	back	15 mm	GSM 1900	GSM	A	Open	29.69	1:8.3	0.284	25.96	25.96
1850.20	512	back	15 mm	GSM 1900	GSM	A	Closed	29.69	1:8.3	0.091	30.90	

Table A-10
DSI = 0 P_{Limit} Calculations – UMTS Body-Worn SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
846.60	4233	back	15 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.147	32.19	29.16
846.60	4233	back	15 mm	UMTS 850	RMC	A	Closed	23.86	1:1	0.295	29.16	

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Table A-11
DSI = 0 P_{Limit} Calculations – LTE Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
															(W/kg)		
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.270	30.30	30.30
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.208	30.37	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	1	25	24.61	0	1:1	0.192	31.78	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.55	1	1:1	0.148	31.84	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.155	32.35	30.60
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.130	32.09	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	1	0	24.25	0	1:1	0.232	30.60	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.23	1	1:1	0.178	30.72	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.116	33.37	30.21
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.095	33.25	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.01	0	1:1	0.240	30.21	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.04	1	1:1	0.189	30.28	
1732.50	20175	Mid	back	15 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.576	25.06	23.35
1732.50	20175	Mid	back	15 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.479	23.35	
1732.50	20175	Mid	back	15 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	1	50	22.66	0	1:1	0.242	28.82	
1732.50	20175	Mid	back	15 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	50	25	20.15	2	1:1	0.195	27.25	
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.351	27.47	27.47
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.276	27.56	
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Closed	20	QPSK	1	50	24.91	0	1:1.58	0.234	29.23	
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Closed	20	QPSK	50	25	23.95	1	1:1.58	0.182	29.37	

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Table A-12
DSI = 3 P_{Limit} Calculations – GPRS Hotspot SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
848.80	251	back	10 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.208	28.71	25.73
848.80	251	front	10 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.108	31.56	
848.80	251	bottom	10 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.035	36.49	
848.80	251	right	10 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.039	36.00	
848.80	251	left	10 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.051	34.80	
848.80	251	back	5 mm	GSM 850	GPRS	A	Closed	4	25.07	1:2.076	0.413	25.73	
848.80	251	front	5 mm	GSM 850	GPRS	A	Closed	4	25.07	1:2.076	0.074	33.21	
848.80	251	bottom	5 mm	GSM 850	GPRS	A	Closed	4	25.07	1:2.076	0.105	31.68	
848.80	251	right	5 mm	GSM 850	GPRS	A	Closed	4	25.07	1:2.076	0.070	33.43	
848.80	251	left	5 mm	GSM 850	GPRS	A	Closed	4	25.07	1:2.076	0.098	31.98	
1909.80	810	back	10 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.238	23.82	20.32
1909.80	810	front	10 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.216	24.24	
1909.80	810	bottom	10 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.377	21.83	
1909.80	810	right	10 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.020	34.58	
1909.80	810	left	10 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.036	32.03	
1909.80	810	back	5 mm	GSM 1900	GPRS	A	Closed	4	20.77	1:2.076	0.256	23.51	
1909.80	810	front	5 mm	GSM 1900	GPRS	A	Closed	4	20.77	1:2.076	0.079	28.61	
1909.80	810	bottom	5 mm	GSM 1900	GPRS	A	Closed	4	20.77	1:2.076	0.533	20.32	
1909.80	810	right	5 mm	GSM 1900	GPRS	A	Closed	4	20.77	1:2.076	0.017	35.28	
1909.80	810	left	5 mm	GSM 1900	GPRS	A	Closed	4	20.77	1:2.076	0.161	25.52	

Table A-13
DSI = 3 P_{Limit} Calculations – UMTS Hotspot SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
846.60	4233	back	10 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.350	28.42	24.39
846.60	4233	front	10 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.210	30.64	
846.60	4233	bottom	10 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.083	34.70	
846.60	4233	right	10 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.168	31.61	
846.60	4233	left	10 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.050	36.85	
826.40	4132	back	5 mm	UMTS 850	RMC	A	Closed	23.77	1:1	0.844	24.51	
836.60	4183	back	5 mm	UMTS 850	RMC	A	Closed	23.83	1:1	0.880	24.39	
846.60	4233	back	5 mm	UMTS 850	RMC	A	Closed	23.86	1:1	0.883	24.40	
846.60	4233	front	5 mm	UMTS 850	RMC	A	Closed	23.86	1:1	0.266	29.61	
846.60	4233	bottom	5 mm	UMTS 850	RMC	A	Closed	23.86	1:1	0.201	30.83	
846.60	4233	right	5 mm	UMTS 850	RMC	A	Closed	23.86	1:1	0.124	32.93	
846.60	4233	left	5 mm	UMTS 850	RMC	A	Closed	23.86	1:1	0.158	31.87	

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Table A-14
DSI = 3 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.														(W/kg)		
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.284	30.08	26.59
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.218	30.16	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.270	30.30	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.208	30.37	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.052	37.45	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.038	37.75	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.327	29.47	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.253	29.52	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.264	30.40	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.55	1	1:1	0.202	30.49	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	24.61	0	1:1	0.635	26.59	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.55	1	1:1	0.490	26.65	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	24.61	0	1:1	0.102	34.53	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.55	1	1:1	0.078	34.63	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	24.61	0	1:1	0.122	33.75	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.55	1	1:1	0.094	33.82	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	24.61	0	1:1	0.174	32.21	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.55	1	1:1	0.135	32.24	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	24.61	0	1:1	0.270	30.30	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.55	1	1:1	0.211	30.30	

Table A-15
DSI = 3 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
															(W/kg)		
782.00	23230	Mid	back	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.253	30.22	25.03
782.00	23230	Mid	back	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.196	30.30	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.190	31.46	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.156	31.30	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.060	36.47	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.048	36.41	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.173	31.87	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.139	31.80	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.127	33.21	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.23	1	1:1	0.105	33.01	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	24.25	0	1:1	0.836	25.03	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.23	1	1:1	0.649	25.10	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	50	0	23.13	1	1:1	0.635	25.10	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	24.25	0	1:1	0.108	33.92	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.23	1	1:1	0.085	33.93	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	24.25	0	1:1	0.336	28.99	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.23	1	1:1	0.250	29.25	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	24.25	0	1:1	0.144	32.67	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.23	1	1:1	0.107	32.93	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	24.25	0	1:1	0.169	31.97	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.23	1	1:1	0.133	31.99	

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Table A-16
DSI = 3 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
															(W/kg)		
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.257	29.91	25.45
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.200	30.03	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.147	32.34	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.119	32.28	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.059	36.32	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.044	36.60	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.140	32.55	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.115	32.43	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.049	37.13	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.04	1	1:1	0.045	36.48	
831.50	26865	Mid	back	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.01	0	1:1	0.717	25.45	
831.50	26865	Mid	back	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.04	1	1:1	0.572	25.47	
831.50	26865	Mid	back	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	75	0	22.91	1	1:1	0.556	25.46	
831.50	26865	Mid	front	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.01	0	1:1	0.173	31.63	
831.50	26865	Mid	front	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.04	1	1:1	0.127	32.00	
831.50	26865	Mid	bottom	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.01	0	1:1	0.145	32.40	
831.50	26865	Mid	bottom	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.04	1	1:1	0.111	32.59	
831.50	26865	Mid	right	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.01	0	1:1	0.102	33.92	
831.50	26865	Mid	right	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.04	1	1:1	0.075	34.32	
831.50	26865	Mid	left	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.01	0	1:1	0.132	32.80	
831.50	26865	Mid	left	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.04	1	1:1	0.104	32.87	

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

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
															(W/kg)		
1732.50	20175	Mid	back	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	0.457	22.44	19.57
1732.50	20175	Mid	back	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	0.456	22.51	
1732.50	20175	Mid	front	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	0.411	22.90	
1732.50	20175	Mid	front	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	0.414	22.93	
1732.50	20175	Mid	bottom	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	0.644	20.95	
1732.50	20175	Mid	bottom	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	0.642	21.02	
1732.50	20175	Mid	right	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	0.029	34.42	
1732.50	20175	Mid	right	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	0.030	34.33	
1732.50	20175	Mid	left	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	0.107	28.75	
1732.50	20175	Mid	left	10 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	0.106	28.85	
1732.50	20175	Mid	back	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	1	50	19.04	0	1:1	0.634	21.02	
1732.50	20175	Mid	back	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	50	25	19.10	0	1:1	0.647	20.99	
1732.50	20175	Mid	front	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	1	50	19.04	0	1:1	0.074	30.35	
1732.50	20175	Mid	front	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	50	25	19.10	0	1:1	0.074	30.41	
1732.50	20175	Mid	bottom	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	1	50	19.04	0	1:1	0.872	19.63	
1732.50	20175	Mid	bottom	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	50	25	19.10	0	1:1	0.889	19.61	
1732.50	20175	Mid	bottom	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	100	0	18.98	0	1:1	0.874	19.57	
1732.50	20175	Mid	right	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	1	50	19.04	0	1:1	0.017	36.74	
1732.50	20175	Mid	right	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	50	25	19.10	0	1:1	0.017	36.80	
1732.50	20175	Mid	left	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	1	50	19.04	0	1:1	0.154	27.16	
1732.50	20175	Mid	left	5 mm	LTE Band 4 (AWS)	A	Closed	20	QPSK	50	25	19.10	0	1:1	0.156	27.17	

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Table A-18
DSI = 3 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2636.50	41055	Mid-High	back	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	19.76	0	1:1.58	0.260	23.63
2636.50	41055	Mid-High	back	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	19.82	0	1:1.58	0.256	23.75
2636.50	41055	Mid-High	front	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	19.76	0	1:1.58	0.210	24.55
2636.50	41055	Mid-High	front	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	19.82	0	1:1.58	0.206	24.70
2636.50	41055	Mid-High	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	19.76	0	1:1.58	0.567	20.24
2636.50	41055	Mid-High	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	19.82	0	1:1.58	0.557	20.38
2636.50	41055	Mid-High	left	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	19.76	0	1:1.58	0.054	30.45
2636.50	41055	Mid-High	left	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	19.82	0	1:1.58	0.054	30.51
2636.50	41055	Mid-High	back	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.76	0	1:1.58	0.448	21.26
2636.50	41055	Mid-High	back	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.82	0	1:1.58	0.439	21.41
2636.50	41055	Mid-High	front	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.76	0	1:1.58	0.034	32.46
2636.50	41055	Mid-High	front	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.82	0	1:1.58	0.034	32.52
2506.00	39750	Low	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.56	0	1:1.58	0.730	18.94
2549.50	40185	Low-Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	0	19.56	0	1:1.58	0.764	18.75
2593.00	40620	Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.73	0	1:1.58	0.763	18.92
2636.50	41055	Mid-High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.76	0	1:1.58	0.768	18.92
2680.00	41490	High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.64	0	1:1.58	0.792	18.67
2506.00	39750	Low	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.64	0	1:1.58	0.633	19.64
2549.50	40185	Low-Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.63	0	1:1.58	0.722	19.06
2593.00	40620	Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.81	0	1:1.58	0.756	19.04
2636.50	41055	Mid-High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.82	0	1:1.58	0.764	19.01
2680.00	41490	High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.69	0	1:1.58	0.760	18.90
2636.50	41055	Mid-High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	100	0	19.70	0	1:1.58	0.745	18.99
2636.50	41055	Mid-High	left	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.76	0	1:1.58	0.194	24.90
2636.50	41055	Mid-High	left	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.82	0	1:1.58	0.180	25.28

Table A-19
DSI = 0 P_{Limit} Calculations – GPRS Phablet SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
836.60	190	back	8 mm	GSM 850	GPRS	A	Open	3	29.98	1:2.76	0.267	35.26	30.83
836.60	190	front	6 mm	GSM 850	GPRS	A	Open	3	29.98	1:2.76	0.336	34.27	
836.60	190	bottom	12 mm	GSM 850	GPRS	A	Open	3	29.98	1:2.76	0.040	43.53	
836.60	190	right	0 mm	GSM 850	GPRS	A	Open	3	29.98	1:2.76	0.507	32.48	
836.60	190	left	0 mm	GSM 850	GPRS	A	Open	3	29.98	1:2.76	0.742	30.83	
1850.20	512	back	8 mm	GSM 1900	GPRS	A	Open	3	27.02	1:2.76	0.514	29.46	28.28
1850.20	512	front	6 mm	GSM 1900	GPRS	A	Open	3	27.02	1:2.76	0.674	28.28	
1850.20	512	bottom	12 mm	GSM 1900	GPRS	A	Open	3	27.02	1:2.76	0.442	30.12	
1850.20	512	right	0 mm	GSM 1900	GPRS	A	Open	3	27.02	1:2.76	0.161	34.50	
1850.20	512	left	0 mm	GSM 1900	GPRS	A	Open	3	27.02	1:2.76	0.236	32.84	

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Table A-20
DSI = 0 P_{Limit} Calculations – UMTS Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
846.60	4233	back	8 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.329	32.67	29.63
846.60	4233	front	6 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.266	33.59	
846.60	4233	bottom	12 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.059	40.13	
846.60	4233	right	0 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.662	29.63	
846.60	4233	left	0 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.642	29.76	

Table A-21
DSI = 0 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.221	35.15	29.65
707.50	23095	Mid	front	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.199	35.60	
707.50	23095	Mid	bottom	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.025	44.61	
707.50	23095	Mid	right	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.784	29.65	
707.50	23095	Mid	left	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.350	33.15	

Table A-22
DSI = 0 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.217	34.87	30.65
782.00	23230	Mid	front	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.200	35.22	
782.00	23230	Mid	bottom	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.032	43.18	
782.00	23230	Mid	right	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.573	30.65	
782.00	23230	Mid	left	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.468	31.53	

Table A-23
DSI = 0 P_{Limit} Calculations – LTE Band 26 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.294	33.31	28.99
831.50	26865	Mid	front	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.254	33.94	
831.50	26865	Mid	bottom	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.045	41.46	
831.50	26865	Mid	right	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.794	28.99	
831.50	26865	Mid	left	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.667	29.75	

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Table A-24
DSI = 0 P_{Limit} Calculations – LTE Band 4 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR[dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
															(W/kg)		
1732.50	20175	Mid	back	8 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.775	27.75	24.89
1732.50	20175	Mid	back	8 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.708	25.63	
1732.50	20175	Mid	front	6 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.889	27.15	
1732.50	20175	Mid	front	6 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.840	24.89	
1732.50	20175	Mid	bottom	12 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.667	28.40	
1732.50	20175	Mid	bottom	12 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.562	26.63	
1732.50	20175	Mid	right	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.188	33.90	
1732.50	20175	Mid	right	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.159	32.11	
1732.50	20175	Mid	left	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.449	30.12	
1732.50	20175	Mid	left	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.399	28.12	

Table A-25
DSI = 0 P_{Limit} Calculations – LTE Band 41 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
															MHz		
2636.50	41055	Mid-High	back	8 mm	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.530	29.66	27.31
2636.50	41055	Mid-High	back	8 mm	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.415	29.77	
2636.50	41055	Mid-High	front	6 mm	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.581	29.26	
2636.50	41055	Mid-High	front	6 mm	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.435	29.56	
2636.50	41055	Mid-High	bottom	12 mm	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.560	29.42	
2636.50	41055	Mid-High	bottom	12 mm	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.432	29.60	
2636.50	41055	Mid-High	left	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.912	27.31	
2636.50	41055	Mid-High	left	0 mm	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.709	27.44	

Table A-26
DSI = 1 P_{Limit} Calculations – GPRS Phablet SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
848.80	251	back	0 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.303	31.05	30.83
848.80	251	front	0 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.299	31.11	
848.80	251	bottom	0 mm	GSM 850	GPRS	A	Open	4	25.07	1:2.076	0.144	34.29	
836.60	190	right	0 mm	GSM 850	GPRS	A	Open	3	29.98	1:2.76	0.507	32.48	
836.60	190	left	0 mm	GSM 850	GPRS	A	Open	3	29.98	1:2.76	0.742	30.83	
1909.80	810	back	0 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.757	22.78	22.78
1909.80	810	front	0 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.638	23.52	
1909.80	810	bottom	0 mm	GSM 1900	GPRS	A	Open	4	20.77	1:2.076	0.505	24.54	
1850.20	512	right	0 mm	GSM 1900	GPRS	A	Open	3	27.02	1:2.76	0.161	34.50	
1850.20	512	left	0 mm	GSM 1900	GPRS	A	Open	3	27.02	1:2.76	0.236	32.84	

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Table A-27
DSI = 1 P_{Limit} Calculations – UMTS Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
846.60	4233	back	0 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.797	28.82	28.82
846.60	4233	front	0 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.590	30.13	
846.60	4233	bottom	0 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.479	31.04	
846.60	4233	right	0 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.662	29.63	
846.60	4233	left	0 mm	UMTS 850	RMC	A	Open	23.86	1:1	0.642	29.76	

Table A-28
DSI = 1 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.722	30.01	29.65
707.50	23095	Mid	front	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.530	31.35	
707.50	23095	Mid	bottom	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.379	32.81	
707.50	23095	Mid	right	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.784	29.65	
707.50	23095	Mid	left	LTE Band 12	A	Open	10	QPSK	1	25	24.61	0	1:1	0.350	33.15	

Table A-29
DSI = 1 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	1.050	28.02	28.02
782.00	23230	Mid	front	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.660	30.03	
782.00	23230	Mid	bottom	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.551	30.82	
782.00	23230	Mid	right	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.573	30.65	
782.00	23230	Mid	left	LTE Band 13	A	Open	10	QPSK	1	0	24.25	0	1:1	0.468	31.53	

Table A-30
DSI = 1 P_{Limit} Calculations – LTE Band 26 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.866	28.61	28.61
831.50	26865	Mid	front	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.622	30.05	
831.50	26865	Mid	bottom	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.531	30.74	
831.50	26865	Mid	right	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.794	28.99	
831.50	26865	Mid	left	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.01	0	1:1	0.667	29.75	

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

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
1732.50	20175	Mid	back	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	1.240	22.08	22.08
1732.50	20175	Mid	back	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	1.240	22.15	
1732.50	20175	Mid	front	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	1.050	22.81	
1732.50	20175	Mid	front	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	1.080	22.75	
1732.50	20175	Mid	bottom	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	19.04	0	1:1	0.858	23.68	
1732.50	20175	Mid	bottom	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	19.10	0	1:1	0.874	23.66	
1732.50	20175	Mid	right	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.188	33.90	
1732.50	20175	Mid	right	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.159	32.11	
1732.50	20175	Mid	left	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	1	50	22.66	0	1:1	0.449	30.12	
1732.50	20175	Mid	left	0 mm	LTE Band 4 (AWS)	A	Open	20	QPSK	50	25	20.15	2	1:1	0.399	28.12	

Table A-32
DSI = 1 P_{Limit} Calculations – LTE Band 41 Phablet SAR

Measurement Results																	
Frequency			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
2636.50	41055	Mid-High	back	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	23.00	0	1:1.58	1.240	24.06	22.67
2636.50	41055	Mid-High	back	0 mm	LTE Band 41	B	Open	20	QPSK	50	50	22.95	0	1:1.58	1.160	24.30	
2636.50	41055	Mid-High	front	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	23.00	0	1:1.58	0.870	25.60	
2636.50	41055	Mid-High	front	0 mm	LTE Band 41	B	Open	20	QPSK	50	50	22.95	0	1:1.58	0.851	25.65	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	22.22	0	1:1.58	1.100	23.80	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	22.32	0	1:1.58	1.040	24.14	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	22.50	0	1:1.58	1.230	23.59	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	23.00	0	1:1.58	1.510	23.21	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	1	0	22.39	0	1:1.58	1.350	23.08	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	50	50	22.95	0	1:1.58	1.410	23.45	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	100	0	22.10	0	1:1.58	1.390	22.67	
2636.50	41055	Mid-High	left	0 mm	LTE Band 41	B	Open	20	QPSK	1	50	24.91	0	1:1.58	0.912	27.31	
2636.50	41055	Mid-High	left	0 mm	LTE Band 41	B	Open	20	QPSK	50	25	23.95	1	1:1.58	0.709	27.44	

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