

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)		
824.20	128	Right	Cheek	GSM 850	GSM	A	Open	33.00	1:8.3	0.140	32.34	32.34
824.20	128	Right	Tilt	GSM 850	GSM	A	Open	33.00	1:8.3	0.076	34.99	
824.20	128	Left	Cheek	GSM 850	GSM	A	Open	33.00	1:8.3	0.125	32.83	
824.20	128	Left	Tilt	GSM 850	GSM	A	Open	33.00	1:8.3	0.071	35.29	

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)		
1909.80	810	Right	Cheek	GSM 1900	GSM	A	Open	31.15	1:8.3	0.016	39.91	38.33
1909.80	810	Right	Tilt	GSM 1900	GSM	A	Open	31.15	1:8.3	0.013	40.81	
1909.80	810	Left	Cheek	GSM 1900	GSM	A	Open	31.15	1:8.3	0.023	38.33	
1909.80	810	Left	Tilt	GSM 1900	GSM	A	Open	31.15	1:8.3	0.019	39.16	

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)		
826.40	4132	Right	Cheek	UMTS 850	RMC	A	Open	24.13	1:1	0.147	32.46	32.46
826.40	4132	Right	Tilt	UMTS 850	RMC	A	Open	24.13	1:1	0.070	35.70	
826.40	4132	Left	Cheek	UMTS 850	RMC	A	Open	24.13	1:1	0.141	32.64	
826.40	4132	Left	Tilt	UMTS 850	RMC	A	Open	24.13	1:1	0.086	34.76	

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Table A-4
DSI = 2 P_{Limit} Calculations –UMTS 1750 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)		
1712.40	1312	Right	Cheek	UMTS 1750	RMC	A	Open	23.08	1:1	0.063	35.09	35.09
1712.40	1312	Right	Tilt	UMTS 1750	RMC	A	Open	23.08	1:1	0.036	37.52	
1712.40	1312	Left	Cheek	UMTS 1750	RMC	A	Open	23.08	1:1	0.058	35.45	
1712.40	1312	Left	Tilt	UMTS 1750	RMC	A	Open	23.08	1:1	0.018	40.53	

Table A-5
DSI = 2 P_{Limit} Calculations –UMTS 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)		
1907.60	9538	Right	Cheek	UMTS 1900	RMC	A	Open	23.63	1:1	0.043	37.30	34.49
1907.60	9538	Right	Tilt	UMTS 1900	RMC	A	Open	23.63	1:1	0.038	37.83	
1907.60	9538	Left	Cheek	UMTS 1900	RMC	A	Open	23.63	1:1	0.082	34.49	
1907.60	9538	Left	Tilt	UMTS 1900	RMC	A	Open	23.63	1:1	0.041	37.50	

Table A-6
DSI = 2 P_{Limit} Calculations – LTE Band 71 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.151	33.49	33.13
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	Open	20	QPSK	50	0	24.09	1:1	0.106	33.84	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.089	35.77	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	Open	20	QPSK	50	0	24.09	1:1	0.059	36.40	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.164	33.13	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	Open	20	QPSK	50	0	24.09	1:1	0.116	33.45	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.093	35.60	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	Open	20	QPSK	50	0	24.09	1:1	0.067	35.84	

Table A-7
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]	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	24.48	1:1	0.181	31.90	31.36
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	Open	10	QPSK	25	12	23.54	1:1	0.135	32.24	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	Open	10	QPSK	1	25	24.48	1:1	0.098	34.57	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	Open	10	QPSK	25	12	23.54	1:1	0.080	34.51	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	Open	10	QPSK	1	25	24.48	1:1	0.205	31.36	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	Open	10	QPSK	25	12	23.54	1:1	0.154	31.66	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	Open	10	QPSK	1	25	24.48	1:1	0.112	33.99	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	Open	10	QPSK	25	12	23.54	1:1	0.086	34.20	

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Table A-8
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	Open	10	QPSK	1	0	24.66	1:1	0.220	31.24	31.22
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	Open	10	QPSK	25	0	23.72	1:1	0.174	31.31	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	Open	10	QPSK	1	0	24.66	1:1	0.101	34.62	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	Open	10	QPSK	25	0	23.72	1:1	0.080	34.69	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	Open	10	QPSK	1	0	24.66	1:1	0.221	31.22	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	Open	10	QPSK	25	0	23.72	1:1	0.161	31.65	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	Open	10	QPSK	1	0	24.66	1:1	0.124	33.73	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	Open	10	QPSK	25	0	23.72	1:1	0.095	33.94	

Table A-9
DSI = 2 P_{Limit} Calculations – LTE Band 14 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	Open	10	QPSK	1	0	24.45	1:1	0.202	31.40	31.40
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	Open	10	QPSK	25	0	23.51	1:1	0.159	31.50	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	Open	10	QPSK	1	0	24.45	1:1	0.105	34.24	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	Open	10	QPSK	25	0	23.51	1:1	0.085	34.22	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	Open	10	QPSK	1	0	24.45	1:1	0.162	32.35	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	Open	10	QPSK	25	0	23.51	1:1	0.132	32.30	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	Open	10	QPSK	1	0	24.45	1:1	0.111	34.00	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	Open	10	QPSK	25	0	23.51	1:1	0.084	34.27	

Table A-10
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]	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	24.55	1:1	0.176	32.09	31.91
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.64	1:1	0.149	31.91	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.114	33.98	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.64	1:1	0.086	34.31	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.149	32.82	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.64	1:1	0.125	32.67	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.113	34.02	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.64	1:1	0.085	34.36	

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Table A-11
DSI = 2 P_{Limit} Calculations – LTE Band 5 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.180	32.28	32.23
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	23.81	1:1	0.142	32.29	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.087	35.42	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	23.81	1:1	0.064	35.76	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.168	32.58	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	23.81	1:1	0.144	32.23	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.105	34.62	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	23.81	1:1	0.085	34.53	

Table A-12
DSI = 2 P_{Limit} Calculations – LTE Band 66 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	24.88	1:1	0.019	42.09	38.16
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	24.14	1:1	0.013	43.00	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	24.88	1:1	0.006	47.10	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	24.14	1:1	0.004	48.12	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	24.88	1:1	0.047	38.16	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	1	99	24.73	1:1	0.044	38.30	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	24.14	1:1	0.028	39.67	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	24.88	1:1	0.009	45.34	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	24.14	1:1	0.006	46.36	

Table A-13
DSI = 2 P_{Limit} Calculations – LTE Band 25 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1905.00	26590	High	Right	Cheek	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	24.97	1:1	0.043	38.64	37.32
1905.00	26590	High	Right	Cheek	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	23.95	1:1	0.040	37.93	
1905.00	26590	High	Right	Tilt	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	24.97	1:1	0.023	41.35	
1905.00	26590	High	Right	Tilt	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	23.95	1:1	0.018	41.40	
1905.00	26590	High	Left	Cheek	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	24.97	1:1	0.057	37.41	
1905.00	26590	High	Left	Cheek	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	23.95	1:1	0.046	37.32	
1905.00	26590	High	Left	Tilt	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	24.97	1:1	0.033	39.78	
1905.00	26590	High	Left	Tilt	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	23.95	1:1	0.032	38.90	

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Table A-14
DSI = 2 P_{Limit} Calculations – LTE Band 30 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	Right	Cheek	LTE Band 30	B	Open	10	QPSK	1	25	23.52	1:1	0.015	41.76	38.61
2310.00	27710	Mid	Right	Cheek	LTE Band 30	B	Open	10	QPSK	25	12	22.48	1:1	0.010	42.48	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	B	Open	10	QPSK	1	25	23.52	1:1	0.008	44.49	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	B	Open	10	QPSK	25	12	22.48	1:1	0.007	44.03	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	B	Open	10	QPSK	1	25	23.52	1:1	0.031	38.61	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	B	Open	10	QPSK	25	12	22.48	1:1	0.019	39.69	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	B	Open	10	QPSK	1	25	23.52	1:1	0.009	43.98	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	B	Open	10	QPSK	25	12	22.48	1:1	0.006	44.70	

Table A-15
DSI = 2 P_{Limit} Calculations – LTE Band 7 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2510.00	20850	Low	Right	Cheek	LTE Band 7	B	Open	20	QPSK	1	50	24.41	1:1	0.022	40.99	40.43
2510.00	20850	Low	Right	Cheek	LTE Band 7	B	Open	20	QPSK	50	25	23.54	1:1	0.012	42.75	
2510.00	20850	Low	Right	Tilt	LTE Band 7	B	Open	20	QPSK	1	50	24.41	1:1	0.018	41.86	
2510.00	20850	Low	Right	Tilt	LTE Band 7	B	Open	20	QPSK	50	25	23.54	1:1	0.012	42.75	
2510.00	20850	Low	Left	Cheek	LTE Band 7	B	Open	20	QPSK	1	50	24.41	1:1	0.025	40.43	
2510.00	20850	Low	Left	Cheek	LTE Band 7	B	Open	20	QPSK	50	25	23.54	1:1	0.019	40.75	
2510.00	20850	Low	Left	Tilt	LTE Band 7	B	Open	20	QPSK	1	50	24.41	1:1	0.011	44.00	
2510.00	20850	Low	Left	Tilt	LTE Band 7	B	Open	20	QPSK	50	25	23.54	1:1	0.007	45.09	

Table A-16
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2506.00	39750	Low	Right	Cheek	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	0.005	45.27	41.82
2506.00	39750	Low	Right	Cheek	LTE Band 41	B	Open	20	QPSK	50	25	23.35	1:1.58	0.006	43.58	
2506.00	39750	Low	Right	Tilt	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	0.011	41.84	
2506.00	39750	Low	Right	Tilt	LTE Band 41	B	Open	20	QPSK	1	99	24.00	1:1.58	0.007	43.57	
2506.00	39750	Low	Right	Tilt	LTE Band 41	B	Open	20	QPSK	50	25	23.35	1:1.58	0.007	42.92	
2506.00	39750	Low	Left	Cheek	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	0.011	41.84	
2506.00	39750	Low	Left	Cheek	LTE Band 41	B	Open	20	QPSK	50	25	23.35	1:1.58	0.009	41.82	
2506.00	39750	Low	Left	Tilt	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	0.008	43.23	
2506.00	39750	Low	Left	Tilt	LTE Band 41	B	Open	20	QPSK	50	25	23.35	1:1.58	0.004	45.35	

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Table A-17
DSI = 2 P_{Limit} Calculations – LTE Band 48 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3560.00	55340	Low	Right	Cheek	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.521	15.28	14.91
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	F	Open	20	QPSK	1	0	14.17	1:1.58	0.516	15.06	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	Open	20	QPSK	1	0	14.11	1:1.58	0.503	15.11	
3690.00	56640	High	Right	Cheek	LTE Band 48	F	Open	20	QPSK	1	99	14.20	1:1.58	0.449	15.69	
3560.00	55340	Low	Right	Cheek	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.534	15.41	
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	F	Open	20	QPSK	50	0	14.30	1:1.58	0.550	14.91	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	Open	20	QPSK	50	25	14.31	1:1.58	0.551	14.91	
3690.00	56640	High	Right	Cheek	LTE Band 48	F	Open	20	QPSK	50	50	14.42	1:1.58	0.478	15.64	
3560.00	55340	Low	Right	Cheek	LTE Band 48	F	Open	20	QPSK	100	0	14.40	1:1.58	0.537	15.12	
3560.00	55340	Low	Right	Tilt	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.417	16.24	
3560.00	55340	Low	Right	Tilt	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.415	16.51	
3560.00	55340	Low	Left	Cheek	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.094	22.71	
3560.00	55340	Low	Left	Cheek	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.094	22.95	
3560.00	55340	Low	Left	Tilt	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.082	23.31	
3560.00	55340	Low	Left	Tilt	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.087	23.29	

Table A-18
DSI = 2 P_{Limit} Calculations – NR Band n71 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
680.50	136100	Mid	Right	Cheek	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.55	1:1	0.173	32.17	31.93
680.50	136100	Mid	Right	Cheek	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.175	32.38	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.55	1:1	0.105	34.34	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.097	34.94	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.55	1:1	0.179	32.02	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.194	31.93	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	Open	20	CP-OFDM	QPSK	1	1	23.12	1:1	0.099	33.16	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.55	1:1	0.098	34.64	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.101	34.77	

Table A-19
DSI = 2 P_{Limit} Calculations – NR Band n12 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
707.50	141500	Mid	Right	Cheek	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	24.30	1:1	0.144	32.72	32.69
707.50	141500	Mid	Right	Cheek	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.143	32.77	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	24.30	1:1	0.075	35.55	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.071	35.81	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	24.30	1:1	0.145	32.69	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.145	32.71	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	Open	15	CP-OFDM	QPSK	1	1	22.95	1:1	0.103	32.82	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	24.30	1:1	0.081	35.22	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.080	35.29	

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Table A-20
DSI = 2 P_{Limit} Calculations – NR Band n26 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
831.50	166300	Mid	Right	Cheek	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.28	1:1	0.117	33.60	33.39
831.50	166300	Mid	Right	Cheek	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.122	33.63	
831.50	166300	Mid	Right	Cheek	NR Band n26	A	Open	20	CP-OFDM	QPSK	1	1	22.88	1:1	0.089	33.39	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.28	1:1	0.084	35.04	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.088	35.05	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.28	1:1	0.102	34.19	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.107	34.20	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.28	1:1	0.072	35.71	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.076	35.68	

Table A-21
DSI = 2 P_{Limit} Calculations – NR Band n66 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	214	24.73	1:1	0.030	39.96	37.13
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	24.58	1:1	0.046	37.95	
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	Open	40	CP-OFDM	QPSK	1	1	22.81	1:1	0.037	37.13	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	214	24.73	1:1	0.020	41.72	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	24.58	1:1	0.011	44.17	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	214	24.73	1:1	0.014	43.27	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	24.58	1:1	0.013	43.44	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	214	24.73	1:1	0.014	43.27	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	24.58	1:1	0.012	43.79	
1745.00	349000	Mid	Right	Cheek	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.230	23.59	19.53
1745.00	349000	Mid	Right	Cheek	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.263	23.18	
1745.00	349000	Mid	Right	Tilt	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.061	29.36	
1745.00	349000	Mid	Right	Tilt	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.072	28.81	
1745.00	349000	Mid	Left	Cheek	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.498	20.24	
1745.00	349000	Mid	Left	Cheek	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.596	19.63	
1745.00	349000	Mid	Left	Cheek	NR Band n66	I	Open	40	CP-OFDM	QPSK	1	1	17.33	1:1	0.602	19.53	
1745.00	349000	Mid	Left	Tilt	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.126	26.21	
1745.00	349000	Mid	Left	Tilt	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.141	25.89	

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Table A-22
DSI = 2 P_{Limit} Calculations – NR Band n25 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	25.13	1:1	0.049	38.23	37.42
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	54	25.13	1:1	0.040	39.11	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	25.13	1:1	0.014	43.67	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	54	25.13	1:1	0.018	42.58	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	25.13	1:1	0.059	37.42	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	54	25.13	1:1	0.043	38.80	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	Open	40	CP-OFDM	QPSK	1	1	23.44	1:1	0.031	38.53	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	25.13	1:1	0.012	44.34	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	54	25.13	1:1	0.026	40.98	
1882.50	376500	Mid	Right	Cheek	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.38	1:1	0.324	19.28	
1882.50	376500	Mid	Right	Cheek	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.47	1:1	0.339	19.17	
1882.50	376500	Mid	Right	Tilt	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.38	1:1	0.071	25.87	
1882.50	376500	Mid	Right	Tilt	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.47	1:1	0.072	25.90	
1882.50	376500	Mid	Left	Cheek	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.38	1:1	0.540	17.06	
1882.50	376500	Mid	Left	Cheek	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.47	1:1	0.535	17.19	
1882.50	376500	Mid	Left	Cheek	NR Band n25	I	Open	40	CP-OFDM	QPSK	1	1	14.32	1:1	0.503	17.30	
1882.50	376500	Mid	Left	Tilt	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.38	1:1	0.160	22.34	
1882.50	376500	Mid	Left	Tilt	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.47	1:1	0.161	22.40	

Table A-23
DSI = 2 P_{Limit} Calculations – NR Band n30 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2310.00	462000	Mid	Right	Cheek	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	23.85	1:1	0.020	40.84	39.08
2310.00	462000	Mid	Right	Cheek	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	23.79	1:1	0.020	40.78	
2310.00	462000	Mid	Right	Tilt	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	23.85	1:1	0.009	44.31	
2310.00	462000	Mid	Right	Tilt	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	23.79	1:1	0.006	46.01	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	23.85	1:1	0.030	39.08	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	23.79	1:1	0.029	39.17	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	Open	10	CP-OFDM	QPSK	1	1	22.41	1:1	0.021	39.19	
2310.00	462000	Mid	Left	Tilt	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	23.85	1:1	0.005	46.86	
2310.00	462000	Mid	Left	Tilt	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	23.79	1:1	0.011	43.38	
2310.00	462000	Mid	Right	Cheek	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	26	14.22	1:1	0.234	20.53	
2310.00	462000	Mid	Right	Cheek	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	14.31	1:1	0.231	20.67	
2310.00	462000	Mid	Right	Tilt	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	26	14.22	1:1	0.055	26.82	
2310.00	462000	Mid	Right	Tilt	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	14.31	1:1	0.055	26.91	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	26	14.22	1:1	0.860	14.88	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	14.31	1:1	0.871	14.91	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	50	0	14.20	1:1	0.857	14.87	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	Open	10	CP-OFDM	QPSK	1	1	14.21	1:1	0.845	14.94	
2310.00	462000	Mid	Left	Tilt	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	26	14.22	1:1	0.135	22.92	
2310.00	462000	Mid	Left	Tilt	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	14.31	1:1	0.131	23.14	

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Table A-24
DSI = 2 P_{Limit} Calculations – NR Band n7 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	24.57	1:1	0.023	40.95
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	54	24.41	1:1	0.021	41.19
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	Open	40	CP-OFDM	QPSK	1	1	23.08	1:1	0.002	50.07
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	24.57	1:1	0.020	41.56
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	54	24.41	1:1	0.020	41.40
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	24.57	1:1	0.016	42.53
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	54	24.41	1:1	0.022	40.99
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	24.57	1:1	0.006	46.79
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	54	24.41	1:1	0.009	44.87

Table A-25
DSI = 2 P_{Limit} Calculations – NR Band n41 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	Right	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	13.23	1:1	0.162	21.14
2592.99	518598	Mid	Right	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	13.26	1:1	0.155	21.36
2592.99	518598	Mid	Right	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	13.23	1:1	0.059	25.52
2592.99	518598	Mid	Right	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	13.26	1:1	0.055	25.86
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	13.23	1:1	0.553	15.80
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	13.26	1:1	0.540	15.94
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	270	0	13.16	1:1	0.540	15.84
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	13.23	1:1	0.574	15.64
2592.99	518598	Mid	Left	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	13.23	1:1	0.127	22.19
2592.99	518598	Mid	Left	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	13.26	1:1	0.125	22.29
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	11.99	1:1	0.000	51.99
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	11.99	1:1	0.000	51.99
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	11.99	1:1	0.000	51.99
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	11.99	1:1	0.000	51.99
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	10.13	1:1	0.102	20.04
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	10.13	1:1	0.074	21.44
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	10.13	1:1	0.020	27.12
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	10.13	1:1	0.015	28.37
2592.99	518598	Mid	Right	Cheek	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	11.10	1:1	0.000	51.10
2592.99	518598	Mid	Right	Tilt	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	11.10	1:1	0.000	51.10
2592.99	518598	Mid	Left	Cheek	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	11.10	1:1	0.000	51.10
2592.99	518598	Mid	Left	Tilt	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	11.10	1:1	0.000	51.10

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Table A-26
DSI = 2 P_{Limit} Calculations – NR Band n48 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3570.00	638000	Low	Right	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	12.73	1:1	0.623	14.79	14.75
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	12.15	1:1	0.452	15.60	
3679.98	645332	High	Right	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	12.15	1:1	0.291	17.51	
3570.00	638000	Low	Right	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	12.53	1:1	0.577	14.92	
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	12.25	1:1	0.419	16.03	
3679.98	645332	High	Right	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	12.17	1:1	0.301	17.38	
3570.00	638000	Low	Right	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	100	0	12.42	1:1	0.585	14.75	
3570.00	638000	Low	Right	Cheek	NR Band n48	F	Open	40	CP-OFDM	QPSK	1	1	12.33	1:1	0.405	16.26	
3570.00	638000	Low	Right	Tilt	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	12.73	1:1	0.426	16.44	
3570.00	638000	Low	Right	Tilt	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	12.53	1:1	0.409	16.41	
3570.00	638000	Low	Left	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	12.73	1:1	0.159	20.72	
3570.00	638000	Low	Left	Cheek	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	12.53	1:1	0.158	20.54	
3570.00	638000	Low	Left	Tilt	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	12.73	1:1	0.198	19.76	
3570.00	638000	Low	Left	Tilt	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	12.53	1:1	0.204	19.43	
3570.00	638000	Low	Right	Cheek	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	6.72	1:1	0.331	11.52	
3570.00	638000	Low	Right	Tilt	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	6.72	1:1	0.022	23.30	
3570.00	638000	Low	Left	Cheek	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	6.72	1:1	0.207	13.56	
3570.00	638000	Low	Left	Tilt	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	6.72	1:1	0.039	20.81	
3570.00	638000	Low	Right	Cheek	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	9.63	1:1	0.217	16.27	
3570.00	638000	Low	Right	Tilt	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	9.63	1:1	0.067	21.37	
3570.00	638000	Low	Left	Cheek	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	9.63	1:1	0.434	13.26	
3570.00	638000	Low	Left	Tilt	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	9.63	1:1	0.031	24.72	
3570.00	638000	Low	Right	Cheek	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	11.15	1:1	0.000	51.15	
3570.00	638000	Low	Right	Tilt	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	11.15	1:1	0.002	38.14	
3570.00	638000	Low	Left	Cheek	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	11.15	1:1	0.017	28.85	
3570.00	638000	Low	Left	Tilt	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	11.15	1:1	0.000	51.15	

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

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3750.00	650000	Low	Right	Cheek	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	13.28	1:1	0.302	18.48	15.29
3750.00	650000	Low	Right	Cheek	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	13.05	1:1	0.302	18.25	
3750.00	650000	Low	Right	Cheek	NR Band n77	F	Open	100	CP-OFDM	QPSK	1	1	12.29	1:1	0.391	16.37	
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	271	12.28	1:1	0.500	15.29	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	13.28	1:1	0.194	20.40	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	13.05	1:1	0.212	19.79	
3750.00	650000	Low	Left	Cheek	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	13.28	1:1	0.093	23.60	
3750.00	650000	Low	Left	Cheek	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	13.05	1:1	0.107	22.76	
3750.00	650000	Low	Left	Tilt	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	13.28	1:1	0.081	24.20	
3750.00	650000	Low	Left	Tilt	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	13.05	1:1	0.085	23.76	
3750.00	650000	Low	Right	Cheek	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.322	15.77	14.07
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	N/A	N/A	10.10	1:1	0.401	14.07	
3750.00	650000	Low	Right	Tilt	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.028	26.38	
3750.00	650000	Low	Left	Cheek	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.209	17.65	
3750.00	650000	Low	Left	Tilt	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.017	28.55	17.05
3750.00	650000	Low	Right	Cheek	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	10.75	1:1	0.060	22.97	
3750.00	650000	Low	Right	Tilt	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	10.75	1:1	0.006	32.97	
3750.00	650000	Low	Left	Cheek	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	10.75	1:1	0.187	18.03	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	10.80	1:1	0.237	17.05	
3750.00	650000	Low	Left	Tilt	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	10.75	1:1	0.013	29.61	27.05
3750.00	650000	Low	Right	Cheek	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.003	36.08	
3750.00	650000	Low	Right	Tilt	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.000	50.85	
3750.00	650000	Low	Left	Cheek	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.024	27.05	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	N/A	N/A	10.30	1:1	0.013	29.16	
3750.00	650000	Low	Left	Tilt	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	10.85	1:1	0.004	34.83	

Table A-28
DSI = 2 P_{Limit} Calculations – DTS SISO Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
2412	1	Right	Cheek	802.11b	DSSS	2	Open	22	1	11.89	98.74	0.118	21.12	17.14
2412	1	Right	Tilt	802.11b	DSSS	2	Open	22	1	11.89	98.74	0.088	22.39	
2412	1	Left	Cheek	802.11b	DSSS	2	Open	22	1	11.89	98.74	0.295	17.14	
2412	1	Left	Tilt	802.11b	DSSS	2	Open	22	1	11.89	98.74	0.165	19.66	

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Table A-29
DSI = 2 P_{Limit} Calculations – DTS MIMO Head SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2462	11	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	8.99	8.86	98.00	0.083	19.58	19.53
2462	11	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	8.99	8.86	98.00	0.053	21.53	
2462	11	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	8.99	8.86	98.00	0.084	19.53	
2462	11	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	8.99	8.86	98.00	0.048	21.96	

Table A-30
DSI = 2 P_{Limit} Calculations – NII MIMO Head SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
5260	52	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.659	17.46	17.18
5280	56	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.69	15.87	98.11	0.696	17.18	
5320	64	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.84	15.67	98.11	0.687	17.22	
5260	52	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.617	17.74	
5260	52	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.658	17.47	
5260	52	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.611	17.79	
5600	120	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.527	18.64	
5600	120	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.556	18.41	
5600	120	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.467	19.16	
5600	120	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.481	19.04	
5825	165	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.404	19.63	
5825	165	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.252	21.68	
5825	165	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.446	19.20	
5825	165	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.374	19.97	
5845	169	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.428	19.23	
5845	169	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.189	22.78	
5845	169	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.502	18.54	
5845	169	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.400	19.53	

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Table A-31
DSI = 2 P_{Limit} Calculations – WLAN 6E MIMO Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Service	Bandwidth [MHz]	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Side	Test Position	Antenna Config.	Data Rate (Mbps)	Duty Cycle (%)	SAR (1g)	Plimit (dBm)	Overall Plimit (dBm)
MHz	Ch.											(W/kg)		
6545.00	119	802.11ax	OFDM	80	11.99	11.67	Right	Cheek	MIMO	68.1	99.70	0.148	19.95	16.86
6545.00	119	802.11ax	OFDM	80	11.99	11.67	Right	Tilt	MIMO	68.1	99.70	0.118	20.94	
6545.00	119	802.11ax	OFDM	80	11.99	11.67	Left	Cheek	MIMO	68.1	99.70	0.106	21.40	
6545.00	119	802.11ax	OFDM	80	11.99	11.67	Left	Tilt	MIMO	68.1	99.70	0.099	21.70	
5985.00	7	802.11ax	OFDM	80	11.82	11.14	Right	Cheek	MIMO	68.1	99.70	0.135	19.82	
6305.00	71	802.11ax	OFDM	80	11.98	10.69	Right	Cheek	MIMO	68.1	99.70	0.241	16.86	
6785.00	167	802.11ax	OFDM	80	11.17	11.84	Right	Cheek	MIMO	68.1	99.70	0.028	26.69	
7025.00	215	802.11ax	OFDM	80	10.03	11.93	Right	Cheek	MIMO	68.1	99.70	0.025	26.04	

Table A-32
DSI = 2 P_{Limit} Calculations – DSS Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.										(W/kg)			
2402	0	Right	Cheek	Bluetooth	FHSS	1	Open	1	15.03	76.85	0.378	18.11	17.20	
2441	39	Right	Cheek	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.639	17.20		
2480	78	Right	Cheek	Bluetooth	FHSS	1	Open	1	15.12	76.85	0.394	18.02		
2440	19	Right	Cheek	Bluetooth LE	DSSS	1	Open	1	16.42	84.71	0.041	29.57		
2441	39	Right	Tilt	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.408	19.15		
2441	39	Left	Cheek	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.124	24.32		
2441	39	Left	Tilt	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.093	25.57	15.24	
2441	39	Right	Cheek	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.440	19.17		
2441	39	Right	Tilt	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.322	20.52		
2402	0	Left	Cheek	Bluetooth	FHSS	2	Open	1	16.59	76.90	0.698	17.01		
2441	39	Left	Cheek	Bluetooth	FHSS	2	Open	1	16.74	76.90	1.040	15.43		
2480	78	Left	Cheek	Bluetooth	FHSS	2	Open	1	15.49	76.90	0.814	15.24		
2402	0	Left	Cheek	Bluetooth LE	DSSS	2	Open	1	18.29	85.05	0.061	29.73	15.24	
2441	39	Left	Tilt	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.525	18.40		

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Table A-33
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)	P _{limit}	Overall P _{limit}
MHz	Ch.									(W/kg)		
824.20	128	back	15 mm	GSM 850	GSM	A	Open	33.00	1:8.3	0.108	33.46	31.70
824.20	128	back	15 mm	GSM 850	GSM	A	Closed	33.00	1:8.3	0.162	31.70	
1909.80	810	back	15 mm	GSM 1900	GSM	A	Open	28.02	1:8.3	0.117	28.14	28.14
1909.80	810	back	15 mm	GSM 1900	GSM	A	Closed	28.02	1:8.3	0.023	35.20	

Table A-34
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)	P _{limit}	Overall P _{limit}
MHz	Ch.									(W/kg)		
836.60	4183	back	15 mm	UMTS 850	RMC	A	Open	24.97	1:1	0.189	32.21	30.26
836.60	4183	back	15 mm	UMTS 850	RMC	A	Closed	24.97	1:1	0.296	30.26	
1712.40	1312	back	15 mm	UMTS 1750	RMC	A	Open	20.63	1:1	0.186	27.93	27.93
1712.40	1312	back	15 mm	UMTS 1750	RMC	A	Closed	20.63	1:1	0.059	32.92	
1907.60	9538	back	15 mm	UMTS 1900	RMC	A	Open	20.88	1:1	0.258	26.76	26.76
1907.60	9538	back	15 mm	UMTS 1900	RMC	A	Closed	20.88	1:1	0.056	33.40	

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Table A-35
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit			
MHz	Ch.	(W/kg)																	
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.259	31.15	30.93			
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Open	20	QPSK	50	0	24.09	1:1	0.207	30.93		30.93		
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Closed	20	QPSK	1	50	25.28	1:1	0.229	31.68			30.93	
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Closed	20	QPSK	50	0	24.09	1:1	0.160	32.05				30.93
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.77	1:1	0.134	31.50	31.50			
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.130	31.65		31.50		
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.77	1:1	0.075	34.01			31.50	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	25	0	22.79	1:1	0.080	33.75				31.50
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.121	31.47	31.38			
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	25	0	22.17	1:1	0.116	31.53		31.38		
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	1	25	22.30	1:1	0.123	31.40			31.38	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	25	0	22.17	1:1	0.120	31.38				31.38
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.139	31.46	31.15			
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.82	1:1	0.135	31.52		31.15		
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Closed	10	QPSK	1	0	22.89	1:1	0.145	31.28			31.15	
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.82	1:1	0.147	31.15				31.15
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.174	32.14	29.95			
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.64	1:1	0.147	31.97		29.95		
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.55	1:1	0.284	30.02			29.95	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.64	1:1	0.234	29.95				29.95
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.196	31.91	30.39			
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	23.81	1:1	0.155	31.91		30.39		
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	24.83	1:1	0.277	30.41			30.39	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	23.81	1:1	0.220	30.39				30.39
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	21.43	1:1	0.216	28.09	28.01			
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	99	21.33	1:1	0.215	28.01		28.01		
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	21.51	1:1	0.216	28.17			28.01	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	21.43	1:1	0.089	31.94				28.01
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	0	21.51	1:1	0.088	32.07				
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	0	20.57	1:1	0.168	28.32	28.28			
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	0	20.74	1:1	0.176	28.28		28.28		
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	0	20.57	1:1	0.013	39.43			28.28	
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	0	20.74	1:1	0.014	39.28				28.28
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	22.50	1:1	0.334	27.26	26.97			
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	22.23	1:1	0.336	26.97		26.97		
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	99	22.50	1:1	0.146	30.86			26.97	
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	50	22.23	1:1	0.161	30.16				26.97
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.72	1:1	0.256	26.64	26.57			
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	20.64	1:1	0.255	26.57		26.57		
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	99	20.72	1:1	0.037	35.04			26.57	
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	50	20.64	1:1	0.036	35.08				26.57

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Table A-36
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Open	10	QPSK	1	25	20.57	1:1	0.094	30.84	30.84
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Open	10	QPSK	25	12	20.51	1:1	0.090	30.97	
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Closed	10	QPSK	1	25	20.57	1:1	0.057	33.01	
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Closed	10	QPSK	25	12	20.51	1:1	0.054	33.19	
2310.00	27710	Mid	back	15 mm	LTE Band 30	I	Open	10	QPSK	1	49	20.16	1:1	0.264	25.94	25.93
2310.00	27710	Mid	back	15 mm	LTE Band 30	I	Open	10	QPSK	25	25	20.13	1:1	0.263	25.93	
2310.00	27710	Mid	back	15 mm	LTE Band 30	I	Closed	10	QPSK	1	49	20.16	1:1	0.073	31.53	
2310.00	27710	Mid	back	15 mm	LTE Band 30	I	Closed	10	QPSK	25	25	20.13	1:1	0.071	31.62	
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Open	20	QPSK	1	50	21.11	1:1	0.087	31.71	31.64
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Open	20	QPSK	50	25	21.04	1:1	0.087	31.64	
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Closed	20	QPSK	1	50	21.11	1:1	0.064	33.05	
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Closed	20	QPSK	50	25	21.04	1:1	0.066	32.84	
2506.00	39750	Low	back	15 mm	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	0.086	32.91	32.83
2506.00	39750	Low	back	15 mm	LTE Band 41	B	Open	20	QPSK	1	99	24.00	1:1.58	0.083	32.83	
2506.00	39750	Low	back	15 mm	LTE Band 41	B	Open	20	QPSK	50	25	23.35	1:1.58	0.068	33.04	
2506.00	39750	Low	back	15 mm	LTE Band 41	B	Closed	20	QPSK	1	0	24.24	1:1.58	0.074	33.56	
2506.00	39750	Low	back	15 mm	LTE Band 41	B	Closed	20	QPSK	50	25	23.35	1:1.58	0.060	33.58	
2593.00	40620	Mid	back	15 mm	LTE Band 41	I	Open	20	QPSK	1	99	22.41	1:1.58	0.193	27.57	27.51
2593.00	40620	Mid	back	15 mm	LTE Band 41	I	Open	20	QPSK	50	50	22.46	1:1.58	0.198	27.51	
2593.00	40620	Mid	back	15 mm	LTE Band 41	I	Closed	20	QPSK	1	99	22.41	1:1.58	0.058	32.79	
2593.00	40620	Mid	back	15 mm	LTE Band 41	I	Closed	20	QPSK	50	50	22.46	1:1.58	0.056	32.99	

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Table A-37
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
680.50	136100	Mid	back	15 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.55	1:1	0.214	31.25	29.45
680.50	136100	Mid	back	15 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.233	31.14	
680.50	136100	Mid	back	15 mm	NR Band n71	A	Open	20	CP-OFDM	QPSK	1	1	23.12	1:1	0.146	31.48	
680.50	136100	Mid	back	15 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	24.55	1:1	0.324	29.45	
680.50	136100	Mid	back	15 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.326	29.68	
680.50	136100	Mid	back	15 mm	NR Band n71	A	Closed	20	CP-OFDM	QPSK	1	1	23.12	1:1	0.179	30.59	
707.50	141500	Mid	back	15 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	24.30	1:1	0.164	32.15	31.22
707.50	141500	Mid	back	15 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.204	31.22	
707.50	141500	Mid	back	15 mm	NR Band n12	A	Open	15	CP-OFDM	QPSK	1	1	22.95	1:1	0.119	32.20	
707.50	141500	Mid	back	15 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	24.30	1:1	0.127	33.26	
707.50	141500	Mid	back	15 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.105	34.11	
707.50	141500	Mid	back	15 mm	NR Band n12	A	Closed	15	CP-OFDM	QPSK	1	1	22.95	1:1	0.088	33.51	
831.50	166300	Mid	back	15 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	24.28	1:1	0.137	32.91	31.59
831.50	166300	Mid	back	15 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.130	33.35	
831.50	166300	Mid	back	15 mm	NR Band n26	A	Open	20	CP-OFDM	QPSK	1	1	22.88	1:1	0.100	32.88	
831.50	166300	Mid	back	15 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	1	53	24.28	1:1	0.186	31.59	
831.50	166300	Mid	back	15 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.170	32.19	
831.50	166300	Mid	back	15 mm	NR Band n26	A	Closed	20	CP-OFDM	QPSK	1	1	22.88	1:1	0.120	32.09	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	19.78	1:1	0.200	26.77	26.52
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.90	1:1	0.218	26.52	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Open	40	CP-OFDM	QPSK	1	1	19.85	1:1	0.204	26.75	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	1	19.78	1:1	0.073	31.15	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	19.90	1:1	0.083	30.71	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Closed	40	CP-OFDM	QPSK	1	1	19.85	1:1	0.074	31.16	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	21.55	1:1	0.236	27.82	27.71
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	54	21.49	1:1	0.239	27.71	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Open	40	CP-OFDM	QPSK	1	1	21.52	1:1	0.238	27.75	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	1	21.55	1:1	0.019	38.76	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	54	21.49	1:1	0.020	38.48	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Closed	40	CP-OFDM	QPSK	1	1	21.52	1:1	0.020	38.51	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	21.88	1:1	0.304	27.05	27.05
1882.50	376500	Mid	back	15 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	21.98	1:1	0.296	27.27	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	Open	40	CP-OFDM	QPSK	1	1	21.84	1:1	0.228	28.26	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	1	214	21.88	1:1	0.180	29.33	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	108	108	21.98	1:1	0.176	29.53	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	Closed	40	CP-OFDM	QPSK	1	1	21.84	1:1	0.131	30.67	
1882.50	376500	Mid	back	15 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	21.08	1:1	0.252	27.07	26.84
1882.50	376500	Mid	back	15 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	21.01	1:1	0.252	27.00	
1882.50	376500	Mid	back	15 mm	NR Band n25	I	Open	40	CP-OFDM	QPSK	1	1	21.12	1:1	0.268	26.84	
1882.50	376500	Mid	back	15 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	1	214	21.08	1:1	0.046	34.45	
1882.50	376500	Mid	back	15 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	108	108	21.01	1:1	0.043	34.68	
1882.50	376500	Mid	back	15 mm	NR Band n25	I	Closed	40	CP-OFDM	QPSK	1	1	21.12	1:1	0.044	34.69	
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	21.41	1:1	0.097	31.54	31.20
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	0	21.37	1:1	0.098	31.46	
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Open	10	CP-OFDM	QPSK	1	1	21.41	1:1	0.105	31.20	
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	21.41	1:1	0.073	32.78	
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	0	21.37	1:1	0.071	32.86	
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Closed	10	CP-OFDM	QPSK	1	1	21.41	1:1	0.071	32.90	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	20.85	1:1	0.193	27.99	27.86
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	20.83	1:1	0.198	27.86	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Open	10	CP-OFDM	QPSK	1	1	20.96	1:1	0.200	27.95	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	50	20.85	1:1	0.049	33.95	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	14	20.83	1:1	0.053	33.59	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Closed	10	CP-OFDM	QPSK	1	1	20.96	1:1	0.054	33.64	

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Table A-38
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	20.89	1:1	0.088	31.45	29.06
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	20.95	1:1	0.090	31.41	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Open	40	CP-OFDM	QPSK	1	1	20.88	1:1	0.089	31.39	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	1	20.89	1:1	0.147	29.22	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	0	20.95	1:1	0.148	29.25	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Closed	40	CP-OFDM	QPSK	1	1	20.88	1:1	0.152	29.06	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	20.17	1:1	0.168	27.92	27.82
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	20.13	1:1	0.169	27.85	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	19.97	1:1	0.164	27.82	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	137	20.17	1:1	0.044	33.74	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	69	20.13	1:1	0.044	33.70	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	CP-OFDM	QPSK	1	1	19.97	1:1	0.047	33.25	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.028	32.54	32.54
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.019	34.22	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.012	34.27	34.27
2592.99	518598	Mid	back	15 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.004	39.04	
2592.99	518598	Mid	back	15 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.002	42.96	38.98
2592.99	518598	Mid	back	15 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.005	38.98	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.98	1:1	0.314	23.01	22.51
3570.00	638000	Low	back	15 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.86	1:1	0.312	22.92	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Open	40	CP-OFDM	QPSK	1	1	17.71	1:1	0.331	22.51	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	104	17.98	1:1	0.026	33.83	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	17.86	1:1	0.039	31.95	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Closed	40	CP-OFDM	QPSK	1	1	17.71	1:1	0.036	32.15	
3570.00	638000	Low	back	15 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	11.95	1:1	0.078	23.03	23.03
3570.00	638000	Low	back	15 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	11.95	1:1	0.015	30.19	
3570.00	638000	Low	back	15 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	14.64	1:1	0.063	26.65	26.65
3570.00	638000	Low	back	15 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	14.64	1:1	0.017	32.34	
3570.00	638000	Low	back	15 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.043	29.92	
3570.00	638000	Low	back	15 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.027	31.94	

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Table A-39
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3750.00	650000	Low	back	15 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	17.13	1:1	0.122	26.27	22.71
3750.00	650000	Low	back	15 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	16.91	1:1	0.127	25.87	
3750.00	650000	Low	back	15 mm	NR Band n77	F	Open	100	CP-OFDM	QPSK	1	1	16.22	1:1	0.166	24.02	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	271	16.23	1:1	0.225	22.71	
3750.00	650000	Low	back	15 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	271	17.13	1:1	0.011	36.72	
3750.00	650000	Low	back	15 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	138	16.91	1:1	0.007	38.46	
3750.00	650000	Low	back	15 mm	NR Band n77	F	Closed	100	CP-OFDM	QPSK	1	1	16.22	1:1	0.019	33.43	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	1	271	16.23	1:1	0.017	33.93	
3750.00	650000	Low	back	15 mm	NR Band n77	I	Open	100	CW/SRS	N/A	NA	NA	15.19	1:1	0.045	28.66	26.45
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	NA	NA	14.08	1:1	0.058	26.45	
3750.00	650000	Low	back	15 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	NA	NA	15.19	1:1	0.002	42.18	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	NA	NA	14.08	1:1	0.014	32.62	
3750.00	650000	Low	back	15 mm	NR Band n77	E	Open	100	CW/SRS	N/A	NA	NA	14.69	1:1	0.016	32.65	29.01
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	NA	NA	14.81	1:1	0.038	29.01	
3750.00	650000	Low	back	15 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	NA	NA	14.69	1:1	0.009	35.15	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	NA	NA	14.81	1:1	0.005	37.82	
3750.00	650000	Low	back	15 mm	NR Band n77	C	Open	100	CW/SRS	N/A	NA	NA	14.83	1:1	0.020	31.82	31.82
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	NA	NA	14.30	1:1	0.012	33.51	
3750.00	650000	Low	back	15 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	NA	NA	14.83	1:1	0.015	33.07	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	NA	NA	14.30	1:1	0.006	36.52	

Table A-40
DSI = 0 P_{Limit} Calculations – DTS SISO Body-Worn SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
2462	11	back	15 mm	2	Open	22	1	18.81	98.74	0.042	32.52	32.52
2462	11	back	15 mm	2	Closed	22	1	18.81	98.74	0.020	35.75	

Table A-41
DSI = 0 P_{Limit} Calculations – DTS MIMO Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2412	1	back	15 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	0.193	26.01	26.01
2412	1	back	15 mm	802.11b	DSSS	MIMO	Closed	22	1	18.91	19.00	98.90	0.063	30.87	

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Table A-42
DSI = 0 P_{Limit} Calculations – NII MIMO Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
5260	52	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.152	23.83	23.83
5260	52	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.73	15.97	98.11	0.022	32.22	
5600	120	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.132	24.65	
5600	120	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.96	15.94	98.11	0.011	35.44	
5825	165	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.088	26.25	
5825	165	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.95	15.78	98.11	0.018	33.14	
5845	169	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.091	25.96	
5845	169	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.87	15.63	98.11	0.014	34.09	

Table A-43
DSI = 0 P_{Limit} Calculations – 6E WLAN MIMO Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Service	Bandwidth [MHz]	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Spacing (mm)	Antenna Config.	Peak Number	Data Rate (Mbps)	Form Factor	Side	Duty Cycle (%)	SAR (1g)	Plimit (dBm)	Overall Plimit (dBm)
MHz	Ch.													(W/kg)		
6545.00	119	802.11ax	OFDM	80	11.99	11.67	15	MIMO	1	68.1	Open	Back	99.70	0.017	29.35	29.35
6545.00	119	802.11ax	OFDM	80	11.99	11.67	15	MIMO	2	68.1	Open	Back	99.70	0.003	36.89	
6545.00	119	802.11ax	OFDM	80	11.99	11.67	15	MIMO	1	68.1	Closed	Back	99.70	0.000	61.66	
6545.00	119	802.11ax	OFDM	80	11.99	11.67	15	MIMO	2	68.1	Closed	Back	99.70	0.001	41.66	

Table A-44
DSI = 0 P_{Limit} Calculations – DSS Body-Worn SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
2441	39	back	15 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.045	28.72	28.72
2441	39	back	15 mm	Bluetooth	FHSS	1	Closed	1	16.40	76.85	0.013	34.12	
2441	39	back	15 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.032	30.55	30.55
2441	39	back	15 mm	Bluetooth	FHSS	2	Closed	1	16.74	76.90	0.010	35.60	

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Table A-45
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)		
824.20	128	back	10 mm	GSM 850	GPRS	A	Open	4	24.45	1:2.076	0.115	30.66	25.25
824.20	128	front	10 mm	GSM 850	GPRS	A	Open	4	24.45	1:2.076	0.088	31.84	
824.20	128	bottom	10 mm	GSM 850	GPRS	A	Open	4	24.45	1:2.076	0.028	36.81	
824.20	128	right	10 mm	GSM 850	GPRS	A	Open	4	24.45	1:2.076	0.085	31.98	
824.20	128	left	10 mm	GSM 850	GPRS	A	Open	4	24.45	1:2.076	0.055	33.87	
824.20	128	back	5 mm	GSM 850	GPRS	A	Closed	4	24.45	1:2.076	0.400	25.25	
824.20	128	front	5 mm	GSM 850	GPRS	A	Closed	4	24.45	1:2.076	0.047	34.59	
824.20	128	bottom	5 mm	GSM 850	GPRS	A	Closed	4	24.45	1:2.076	0.075	32.50	
824.20	128	right	5 mm	GSM 850	GPRS	A	Closed	4	24.45	1:2.076	0.035	35.79	
824.20	128	left	5 mm	GSM 850	GPRS	A	Closed	4	24.45	1:2.076	0.074	32.59	
1880.00	661	back	10 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.187	26.02	24.54
1880.00	661	front	10 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.147	27.07	
1880.00	661	bottom	10 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.252	24.73	
1880.00	661	right	10 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.012	37.95	
1880.00	661	left	10 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.044	32.30	
1880.00	661	back	5 mm	GSM 1900	GPRS	A	Closed	4	21.92	1:2.076	0.109	28.37	
1880.00	661	front	5 mm	GSM 1900	GPRS	A	Closed	4	21.92	1:2.076	0.139	27.31	
1880.00	661	bottom	5 mm	GSM 1900	GPRS	A	Closed	4	21.92	1:2.076	0.263	24.54	
1880.00	661	right	5 mm	GSM 1900	GPRS	A	Closed	4	21.92	1:2.076	0.010	38.74	
1880.00	661	left	5 mm	GSM 1900	GPRS	A	Closed	4	21.92	1:2.076	0.012	37.95	

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Table A-46
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)		
826.40	4132	back	10 mm	UMTS 850	RMC	A	Open	22.93	1:1	0.216	29.59	24.96
826.40	4132	front	10 mm	UMTS 850	RMC	A	Open	22.93	1:1	0.134	31.66	
826.40	4132	bottom	10 mm	UMTS 850	RMC	A	Open	22.93	1:1	0.063	34.94	
826.40	4132	right	10 mm	UMTS 850	RMC	A	Open	22.93	1:1	0.146	31.29	
826.40	4132	left	10 mm	UMTS 850	RMC	A	Open	22.93	1:1	0.089	33.45	
826.40	4132	back	5 mm	UMTS 850	RMC	A	Closed	22.93	1:1	0.600	25.15	
836.60	4183	back	5 mm	UMTS 850	RMC	A	Closed	22.92	1:1	0.625	24.96	
846.60	4233	back	5 mm	UMTS 850	RMC	A	Closed	22.74	1:1	0.595	24.99	
826.40	4132	front	5 mm	UMTS 850	RMC	A	Closed	22.93	1:1	0.081	33.82	
826.40	4132	bottom	5 mm	UMTS 850	RMC	A	Closed	22.93	1:1	0.134	31.66	
826.40	4132	right	5 mm	UMTS 850	RMC	A	Closed	22.93	1:1	0.062	35.02	
826.40	4132	left	5 mm	UMTS 850	RMC	A	Closed	22.93	1:1	0.123	32.03	
1712.40	1312	back	10 mm	UMTS 1750	RMC	A	Open	18.72	1:1	0.266	24.47	21.19
1712.40	1312	front	10 mm	UMTS 1750	RMC	A	Open	18.72	1:1	0.186	26.02	
1712.40	1312	bottom	10 mm	UMTS 1750	RMC	A	Open	18.72	1:1	0.338	23.43	
1712.40	1312	right	10 mm	UMTS 1750	RMC	A	Open	18.72	1:1	0.024	34.92	
1712.40	1312	left	10 mm	UMTS 1750	RMC	A	Open	18.72	1:1	0.053	31.48	
1712.40	1312	back	5 mm	UMTS 1750	RMC	A	Closed	18.72	1:1	0.345	23.34	
1712.40	1312	front	5 mm	UMTS 1750	RMC	A	Closed	18.72	1:1	0.163	26.60	
1712.40	1312	bottom	5 mm	UMTS 1750	RMC	A	Closed	18.72	1:1	0.451	22.18	
1732.40	1412	bottom	5 mm	UMTS 1750	RMC	A	Closed	18.26	1:1	0.468	21.56	
1752.60	1513	bottom	5 mm	UMTS 1750	RMC	A	Closed	18.54	1:1	0.543	21.19	
1712.40	1312	right	5 mm	UMTS 1750	RMC	A	Closed	18.72	1:1	0.020	35.71	
1712.40	1312	left	5 mm	UMTS 1750	RMC	A	Closed	18.72	1:1	0.081	29.64	
1907.60	9538	back	10 mm	UMTS 1900	RMC	A	Open	17.94	1:1	0.261	23.77	21.90
1907.60	9538	front	10 mm	UMTS 1900	RMC	A	Open	17.94	1:1	0.202	24.89	
1907.60	9538	bottom	10 mm	UMTS 1900	RMC	A	Open	17.94	1:1	0.359	22.39	
1907.60	9538	right	10 mm	UMTS 1900	RMC	A	Open	17.94	1:1	0.017	35.64	
1907.60	9538	left	10 mm	UMTS 1900	RMC	A	Open	17.94	1:1	0.054	30.62	
1907.60	9538	back	5 mm	UMTS 1900	RMC	A	Closed	17.94	1:1	0.154	26.06	
1907.60	9538	front	5 mm	UMTS 1900	RMC	A	Closed	17.94	1:1	0.199	24.95	
1907.60	9538	bottom	5 mm	UMTS 1900	RMC	A	Closed	17.94	1:1	0.402	21.90	
1907.60	9538	right	5 mm	UMTS 1900	RMC	A	Closed	17.94	1:1	0.005	40.95	
1907.60	9538	left	5 mm	UMTS 1900	RMC	A	Closed	17.94	1:1	0.016	35.90	

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Table A-47
DSI = 3 P_{Limit} Calculations – LTE Band 71 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.	Mid												(W/kg)		
680.50	133297	Mid	back	10 mm	LTE Band 71	A	Open	20	QPSK	1	50	24.25	1:1	0.182	31.65	26.18
680.50	133297	Mid	back	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	24.17	1:1	0.184	31.52	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	Open	20	QPSK	1	50	24.25	1:1	0.160	32.21	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	24.17	1:1	0.162	32.07	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	Open	20	QPSK	1	50	24.25	1:1	0.031	39.31	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	24.17	1:1	0.031	39.21	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	Open	20	QPSK	1	50	24.25	1:1	0.180	31.70	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	24.17	1:1	0.189	31.41	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	Open	20	QPSK	1	50	24.25	1:1	0.144	32.67	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	24.17	1:1	0.150	32.41	
680.50	133297	Mid	back	5 mm	LTE Band 71	A	Closed	20	QPSK	1	50	24.25	1:1	0.627	26.28	
680.50	133297	Mid	back	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	24.17	1:1	0.629	26.18	
680.50	133297	Mid	front	5 mm	LTE Band 71	A	Closed	20	QPSK	1	50	24.25	1:1	0.203	31.18	
680.50	133297	Mid	front	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	24.17	1:1	0.203	31.10	
680.50	133297	Mid	bottom	5 mm	LTE Band 71	A	Closed	20	QPSK	1	50	24.25	1:1	0.090	34.71	
680.50	133297	Mid	bottom	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	24.17	1:1	0.087	34.76	
680.50	133297	Mid	right	5 mm	LTE Band 71	A	Closed	20	QPSK	1	50	24.25	1:1	0.042	38.04	
680.50	133297	Mid	right	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	24.17	1:1	0.039	38.22	
680.50	133297	Mid	left	5 mm	LTE Band 71	A	Closed	20	QPSK	1	50	24.25	1:1	0.082	35.12	
680.50	133297	Mid	left	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	24.17	1:1	0.082	35.02	

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Table A-48
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Ch.												(W/kg)		
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.77	1:1	0.174	30.36	26.79
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.174	30.38	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.77	1:1	0.139	31.34	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.141	31.30	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.77	1:1	0.029	38.15	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.028	38.32	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.77	1:1	0.169	30.49	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.176	30.33	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.77	1:1	0.120	31.98	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.133	31.55	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.77	1:1	0.396	26.79	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	25	0	22.79	1:1	0.373	27.07	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.77	1:1	0.116	32.13	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	25	0	22.79	1:1	0.100	32.79	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.77	1:1	0.066	34.57	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	25	0	22.79	1:1	0.063	34.80	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.77	1:1	0.031	37.86	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	25	0	22.79	1:1	0.031	37.88	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.77	1:1	0.080	33.74	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	25	0	22.79	1:1	0.078	33.87	

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Table A-49
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.175	29.87	25.67
782.00	23230	Mid	back	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	22.17	1:1	0.172	29.81	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.122	31.44	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	22.17	1:1	0.122	31.31	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.053	35.09	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	22.17	1:1	0.058	34.54	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.138	30.90	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	22.17	1:1	0.137	30.80	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.095	32.52	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	22.17	1:1	0.090	32.64	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	22.30	1:1	0.451	25.76	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	22.17	1:1	0.447	25.67	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	22.30	1:1	0.052	35.11	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	22.17	1:1	0.051	35.06	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	22.30	1:1	0.100	32.32	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	22.17	1:1	0.103	32.04	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	22.30	1:1	0.057	34.73	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	22.17	1:1	0.054	34.88	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	22.30	1:1	0.086	32.98	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	22.17	1:1	0.080	33.14	

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Table A-50
DSI = 3 P_{Limit} Calculations – LTE Band 14 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Mid												(W/kg)		
793.00	23330	Mid	back	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.213	29.61	25.60
793.00	23330	Mid	back	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.82	1:1	0.209	29.62	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.145	31.28	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.82	1:1	0.141	31.33	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.069	34.51	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.82	1:1	0.069	34.43	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.141	31.40	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.82	1:1	0.143	31.27	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.107	32.60	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.82	1:1	0.104	32.65	
793.00	23330	Mid	back	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	22.89	1:1	0.527	25.67	
793.00	23330	Mid	back	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.82	1:1	0.527	25.60	
793.00	23330	Mid	front	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	22.89	1:1	0.063	34.88	
793.00	23330	Mid	front	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.82	1:1	0.063	34.85	
793.00	23330	Mid	bottom	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	22.89	1:1	0.114	32.32	
793.00	23330	Mid	bottom	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.82	1:1	0.118	32.10	
793.00	23330	Mid	right	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	22.89	1:1	0.057	35.33	
793.00	23330	Mid	right	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.82	1:1	0.057	35.28	
793.00	23330	Mid	left	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	22.89	1:1	0.104	32.72	
793.00	23330	Mid	left	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.82	1:1	0.104	32.65	

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Table A-51
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	22.51	1:1	0.213	29.23	25.20
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	22.64	1:1	0.222	29.18	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	22.51	1:1	0.134	31.24	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	22.64	1:1	0.131	31.47	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	22.51	1:1	0.055	35.13	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	22.64	1:1	0.058	35.04	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	22.51	1:1	0.114	31.94	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	22.64	1:1	0.123	31.74	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	22.51	1:1	0.089	33.03	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	22.64	1:1	0.092	33.00	
831.50	26865	Mid	back	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	22.51	1:1	0.536	25.22	
831.50	26865	Mid	back	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	22.64	1:1	0.555	25.20	
831.50	26865	Mid	front	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	22.51	1:1	0.075	33.79	
831.50	26865	Mid	front	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	22.64	1:1	0.080	33.64	
831.50	26865	Mid	bottom	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	22.51	1:1	0.124	31.58	
831.50	26865	Mid	bottom	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	22.64	1:1	0.129	31.53	
831.50	26865	Mid	right	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	22.51	1:1	0.054	35.17	
831.50	26865	Mid	right	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	22.64	1:1	0.053	35.40	
831.50	26865	Mid	left	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	22.51	1:1	0.116	31.87	
831.50	26865	Mid	left	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	22.64	1:1	0.113	32.11	

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Table A-52
DSI = 3 P_{Limit} Calculations – LTE Band 5 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.57	1:1	0.247	28.64	25.47
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.68	1:1	0.247	28.75	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.57	1:1	0.152	30.75	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.68	1:1	0.150	30.92	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.57	1:1	0.057	35.03	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.68	1:1	0.061	34.84	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.57	1:1	0.126	31.57	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.68	1:1	0.137	31.31	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.57	1:1	0.046	35.98	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.68	1:1	0.066	34.48	
836.50	20525	Mid	back	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.57	1:1	0.513	25.47	
836.50	20525	Mid	back	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.68	1:1	0.522	25.50	
836.50	20525	Mid	front	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.57	1:1	0.079	33.62	
836.50	20525	Mid	front	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.68	1:1	0.065	34.58	
836.50	20525	Mid	bottom	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.57	1:1	0.121	31.74	
836.50	20525	Mid	bottom	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.68	1:1	0.134	31.41	
836.50	20525	Mid	right	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.57	1:1	0.061	34.70	
836.50	20525	Mid	right	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.68	1:1	0.062	34.76	
836.50	20525	Mid	left	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.57	1:1	0.088	33.14	
836.50	20525	Mid	left	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.68	1:1	0.094	32.96	

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Table A-53
DSI = 3 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Low												(W/kg)		
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	19.59	1:1	0.309	24.69	21.92
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.55	1:1	0.318	24.53	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	19.59	1:1	0.234	25.90	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.55	1:1	0.233	25.88	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	19.59	1:1	0.447	23.09	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.55	1:1	0.464	22.88	
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	19.50	1:1	0.440	23.07	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.45	1:1	0.483	22.61	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	19.59	1:1	0.028	35.12	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.55	1:1	0.028	35.08	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	19.59	1:1	0.070	31.14	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.55	1:1	0.072	30.98	
1720.00	132072	Low	back	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	19.59	1:1	0.431	23.25	
1720.00	132072	Low	back	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.55	1:1	0.435	23.17	
1720.00	132072	Low	front	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	19.59	1:1	0.102	29.50	
1720.00	132072	Low	front	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.55	1:1	0.103	29.42	
1720.00	132072	Low	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	19.59	1:1	0.557	22.13	
1720.00	132072	Low	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.55	1:1	0.575	21.95	
1720.00	132072	Low	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	19.41	1:1	0.561	21.92	
1745.00	132322	Mid	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	0	19.50	1:1	0.564	21.99	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.45	1:1	0.552	22.03	
1720.00	132072	Low	right	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	19.59	1:1	0.014	38.13	
1720.00	132072	Low	right	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.55	1:1	0.012	38.76	
1720.00	132072	Low	left	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	19.59	1:1	0.129	28.48	
1720.00	132072	Low	left	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.55	1:1	0.118	28.83	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	50	17.30	1:1	0.180	24.75	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.35	1:1	0.179	24.82	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	50	17.30	1:1	0.128	26.23	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.35	1:1	0.132	26.14	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	50	17.30	1:1	0.015	35.54	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.35	1:1	0.016	35.31	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	50	17.30	1:1	0.346	21.91	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.35	1:1	0.349	21.92	
1770.00	132572	High	back	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	50	17.30	1:1	0.021	34.08	
1770.00	132572	High	back	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.35	1:1	0.021	34.13	
1770.00	132572	High	front	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	50	17.30	1:1	0.273	22.94	
1770.00	132572	High	front	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.35	1:1	0.269	23.05	
1770.00	132572	High	top	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	50	17.30	1:1	0.011	36.89	
1770.00	132572	High	top	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.35	1:1	0.012	36.56	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	50	17.30	1:1	0.031	32.39	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.35	1:1	0.031	32.44	
1770.00	132572	High	right	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	0	17.12	1:1	0.409	21.00	
1770.00	132572	High	right	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	50	17.30	1:1	0.453	20.74	
1770.00	132572	High	right	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.35	1:1	0.452	20.80	

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Table A-54
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	19.27	1:1	0.346	23.88	22.33
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	19.19	1:1	0.344	23.82	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	19.27	1:1	0.243	25.41	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	19.19	1:1	0.243	25.33	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	19.27	1:1	0.492	22.35	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	18.95	1:1	0.409	22.83	
1882.50	26365	Mid	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	19.05	1:1	0.412	22.90	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	19.19	1:1	0.485	22.33	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	19.27	1:1	0.022	35.85	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	19.19	1:1	0.023	35.57	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	19.27	1:1	0.069	30.88	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	19.19	1:1	0.063	31.20	
1905.00	26590	High	back	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	99	19.27	1:1	0.336	24.01	
1905.00	26590	High	back	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	19.19	1:1	0.316	24.19	
1905.00	26590	High	front	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	99	19.27	1:1	0.236	25.54	
1905.00	26590	High	front	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	19.19	1:1	0.188	26.45	
1905.00	26590	High	bottom	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	99	19.27	1:1	0.471	22.54	
1905.00	26590	High	bottom	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	19.19	1:1	0.447	22.69	
1905.00	26590	High	right	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	99	19.27	1:1	0.011	38.86	
1905.00	26590	High	right	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	19.19	1:1	0.013	38.05	
1905.00	26590	High	left	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	99	19.27	1:1	0.082	30.13	
1905.00	26590	High	left	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	19.19	1:1	0.088	29.75	

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Table A-55
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.	High												(W/kg)		
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	15.53	1:1	0.147	23.86	16.38
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	15.12	1:1	0.149	23.39	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	15.53	1:1	0.126	24.53	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	15.12	1:1	0.131	23.95	
1905.00	26590	High	top	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	15.53	1:1	0.030	30.76	
1905.00	26590	High	top	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	15.12	1:1	0.033	29.93	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	15.53	1:1	0.398	19.53	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	15.12	1:1	0.406	19.03	
1905.00	26590	High	back	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	99	15.53	1:1	0.034	30.22	
1905.00	26590	High	back	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	50	15.12	1:1	0.034	29.81	
1905.00	26590	High	front	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	99	15.53	1:1	0.398	19.53	
1905.00	26590	High	front	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	50	15.12	1:1	0.401	19.09	
1905.00	26590	High	top	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	99	15.53	1:1	0.016	33.49	
1905.00	26590	High	top	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	50	15.12	1:1	0.017	32.82	
1905.00	26590	High	bottom	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	99	15.53	1:1	0.028	31.06	
1905.00	26590	High	bottom	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	50	15.12	1:1	0.023	31.50	
1860.00	26140	Low	right	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	50	14.80	1:1	0.476	18.02	
1882.50	26365	Mid	right	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	50	14.96	1:1	0.555	17.52	
1905.00	26590	High	right	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	1	99	15.53	1:1	0.660	17.33	
1860.00	26140	Low	right	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	0	14.78	1:1	0.467	18.09	
1882.50	26365	Mid	right	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	50	14.84	1:1	0.571	17.27	
1905.00	26590	High	right	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	50	50	15.12	1:1	0.748	16.38	
1905.00	26590	High	right	5 mm	LTE Band 25 (PCS)	I	Closed	20	QPSK	100	0	14.97	1:1	0.583	17.31	

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Table A-56
DSI = 3 P_{Limit} Calculations – LTE Band 30 Hotspot SAR

MEASUREMENT RESULTS																																						
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}																						
MHz	Ch.	Mid												(W/kg)																								
2310.00	27710	Mid	back	10 mm	LTE Band 30	B	Open	10	QPSK	1	25	16.59	1:1	0.072	28.02	22.86																						
2310.00	27710	Mid	back	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	16.60	1:1	0.071	28.09		22.86																					
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	Open	10	QPSK	1	25	16.59	1:1	0.056	29.11			22.86																				
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	16.60	1:1	0.059	28.89				22.86																			
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	Open	10	QPSK	1	25	16.59	1:1	0.149	24.86					22.86																		
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	16.60	1:1	0.149	24.87						22.86																	
2310.00	27710	Mid	left	10 mm	LTE Band 30	B	Open	10	QPSK	1	25	16.59	1:1	0.044	30.16							22.86																
2310.00	27710	Mid	left	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	16.60	1:1	0.044	30.17								22.86															
2310.00	27710	Mid	back	5 mm	LTE Band 30	B	Closed	10	QPSK	1	25	16.59	1:1	0.124	25.66									22.86														
2310.00	27710	Mid	back	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	16.60	1:1	0.123	25.70										22.86													
2310.00	27710	Mid	front	5 mm	LTE Band 30	B	Closed	10	QPSK	1	25	16.59	1:1	0.017	34.29											22.86												
2310.00	27710	Mid	front	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	16.60	1:1	0.016	34.56												22.86											
2310.00	27710	Mid	bottom	5 mm	LTE Band 30	B	Closed	10	QPSK	1	25	16.59	1:1	0.236	22.86													22.86										
2310.00	27710	Mid	bottom	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	16.60	1:1	0.234	22.91														22.86									
2310.00	27710	Mid	left	5 mm	LTE Band 30	B	Closed	10	QPSK	1	25	16.59	1:1	0.073	27.96															22.86								
2310.00	27710	Mid	left	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	16.60	1:1	0.073	27.97																22.86							
2310.00	27710	Mid	back	10 mm	LTE Band 30	I	Open	10	QPSK	1	25	16.48	1:1	0.217	23.12																	17.47						
2310.00	27710	Mid	back	10 mm	LTE Band 30	I	Open	10	QPSK	25	25	16.45	1:1	0.209	23.25																		17.47					
2310.00	27710	Mid	front	10 mm	LTE Band 30	I	Open	10	QPSK	1	25	16.48	1:1	0.236	22.75	17.47																						
2310.00	27710	Mid	front	10 mm	LTE Band 30	I	Open	10	QPSK	25	25	16.45	1:1	0.228	22.87		17.47																					
2310.00	27710	Mid	top	10 mm	LTE Band 30	I	Open	10	QPSK	1	25	16.48	1:1	0.111	26.03			17.47																				
2310.00	27710	Mid	top	10 mm	LTE Band 30	I	Open	10	QPSK	25	25	16.45	1:1	0.103	26.32				17.47																			
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	I	Open	10	QPSK	1	25	16.48	1:1	0.023	32.86					17.47																		
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	I	Open	10	QPSK	25	25	16.45	1:1	0.023	32.83						17.47																	
2310.00	27710	Mid	right	10 mm	LTE Band 30	I	Open	10	QPSK	1	25	16.48	1:1	0.384	20.64							17.47																
2310.00	27710	Mid	right	10 mm	LTE Band 30	I	Open	10	QPSK	25	25	16.45	1:1	0.365	20.83								17.47															
2310.00	27710	Mid	back	5 mm	LTE Band 30	I	Closed	10	QPSK	1	25	16.48	1:1	0.115	25.87									17.47														
2310.00	27710	Mid	back	5 mm	LTE Band 30	I	Closed	10	QPSK	25	25	16.45	1:1	0.114	25.88										17.47													
2310.00	27710	Mid	front	5 mm	LTE Band 30	I	Closed	10	QPSK	1	25	16.48	1:1	0.472	19.74											17.47												
2310.00	27710	Mid	front	5 mm	LTE Band 30	I	Closed	10	QPSK	25	25	16.45	1:1	0.443	19.99												17.47											
2310.00	27710	Mid	top	5 mm	LTE Band 30	I	Closed	10	QPSK	1	25	16.48	1:1	0.027	32.17													17.47										
2310.00	27710	Mid	top	5 mm	LTE Band 30	I	Closed	10	QPSK	25	25	16.45	1:1	0.026	32.30														17.47									
2310.00	27710	Mid	bottom	5 mm	LTE Band 30	I	Closed	10	QPSK	1	25	16.48	1:1	0.058	28.85															17.47								
2310.00	27710	Mid	bottom	5 mm	LTE Band 30	I	Closed	10	QPSK	25	25	16.45	1:1	0.053	29.21																17.47							
2310.00	27710	Mid	right	5 mm	LTE Band 30	I	Closed	10	QPSK	1	25	16.48	1:1	0.796	17.47																			17.47				
2310.00	27710	Mid	right	5 mm	LTE Band 30	I	Closed	10	QPSK	25	25	16.45	1:1	0.779	17.53																				17.47			
2310.00	27710	Mid	right	5 mm	LTE Band 30	I	Closed	10	QPSK	50	0	16.38	1:1	0.777	17.48																					17.47		
2310.00	27710	Mid	left	5 mm	LTE Band 30	I	Closed	10	QPSK	1	25	16.48	1:1	0.016	34.44																						17.47	
2310.00	27710	Mid	left	5 mm	LTE Band 30	I	Closed	10	QPSK	25	25	16.45	1:1	0.015	34.69																							17.47

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Table A-57
DSI = 3 P_{Limit} Calculations – LTE Band 7 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2510.00	20850	Low	back	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.06	1:1	0.078	29.14	22.07
2510.00	20850	Low	back	10 mm	LTE Band 7	B	Open	20	QPSK	50	25	18.02	1:1	0.081	28.94	
2510.00	20850	Low	front	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.06	1:1	0.074	29.37	
2510.00	20850	Low	front	10 mm	LTE Band 7	B	Open	20	QPSK	50	25	18.02	1:1	0.076	29.21	
2510.00	20850	Low	bottom	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.06	1:1	0.176	25.60	
2510.00	20850	Low	bottom	10 mm	LTE Band 7	B	Open	20	QPSK	50	25	18.02	1:1	0.184	25.37	
2510.00	20850	Low	left	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.06	1:1	0.031	33.15	
2510.00	20850	Low	left	10 mm	LTE Band 7	B	Open	20	QPSK	50	25	18.02	1:1	0.034	32.71	
2510.00	20850	Low	back	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.06	1:1	0.172	25.70	
2510.00	20850	Low	back	5 mm	LTE Band 7	B	Closed	20	QPSK	50	25	18.02	1:1	0.172	25.66	
2510.00	20850	Low	front	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.06	1:1	0.016	36.02	
2510.00	20850	Low	front	5 mm	LTE Band 7	B	Closed	20	QPSK	50	25	18.02	1:1	0.017	35.72	
2510.00	20850	Low	bottom	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.06	1:1	0.386	22.19	
2510.00	20850	Low	bottom	5 mm	LTE Band 7	B	Closed	20	QPSK	50	25	18.02	1:1	0.394	22.07	
2510.00	20850	Low	left	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.06	1:1	0.087	28.66	
2510.00	20850	Low	left	5 mm	LTE Band 7	B	Closed	20	QPSK	50	25	18.02	1:1	0.088	28.58	

Table A-58
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2506.00	39750	Low	back	10 mm	LTE Band 41	B	Open	20	QPSK	1	0	20.41	1:1.58	0.076	29.62	22.61
2506.00	39750	Low	back	10 mm	LTE Band 41	B	Open	20	QPSK	50	0	20.53	1:1.58	0.074	29.85	
2506.00	39750	Low	front	10 mm	LTE Band 41	B	Open	20	QPSK	1	0	20.41	1:1.58	0.063	30.43	
2506.00	39750	Low	front	10 mm	LTE Band 41	B	Open	20	QPSK	50	0	20.53	1:1.58	0.064	30.48	
2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	1	0	20.41	1:1.58	0.187	25.71	
2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	50	0	20.53	1:1.58	0.184	25.90	
2506.00	39750	Low	left	10 mm	LTE Band 41	B	Open	20	QPSK	1	0	20.41	1:1.58	0.033	33.24	
2506.00	39750	Low	left	10 mm	LTE Band 41	B	Open	20	QPSK	50	0	20.53	1:1.58	0.031	33.63	
2506.00	39750	Low	back	5 mm	LTE Band 41	B	Closed	20	QPSK	1	0	20.41	1:1.58	0.155	26.52	
2506.00	39750	Low	back	5 mm	LTE Band 41	B	Closed	20	QPSK	50	0	20.53	1:1.58	0.155	26.64	
2506.00	39750	Low	front	5 mm	LTE Band 41	B	Closed	20	QPSK	1	0	20.41	1:1.58	0.016	36.38	
2506.00	39750	Low	front	5 mm	LTE Band 41	B	Closed	20	QPSK	50	0	20.53	1:1.58	0.016	36.50	
2506.00	39750	Low	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	0	20.41	1:1.58	0.362	22.84	
2506.00	39750	Low	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	99	20.29	1:1.58	0.371	22.61	
2506.00	39750	Low	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	0	20.53	1:1.58	0.356	23.03	
2506.00	39750	Low	left	5 mm	LTE Band 41	B	Closed	20	QPSK	1	0	20.41	1:1.58	0.081	29.34	
2506.00	39750	Low	left	5 mm	LTE Band 41	B	Closed	20	QPSK	50	0	20.53	1:1.58	0.079	29.57	

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Table A-59
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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2636.50	41055	Mid-High	back	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	20.41	1:1.58	0.231	24.79	19.34
2636.50	41055	Mid-High	back	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.48	1:1.58	0.229	24.90	
2636.50	41055	Mid-High	front	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	20.41	1:1.58	0.189	25.66	
2636.50	41055	Mid-High	front	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.48	1:1.58	0.185	25.82	
2636.50	41055	Mid-High	top	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	20.41	1:1.58	0.039	32.52	
2636.50	41055	Mid-High	top	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.48	1:1.58	0.038	32.70	
2636.50	41055	Mid-High	right	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	20.41	1:1.58	0.415	22.25	
2636.50	41055	Mid-High	right	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.48	1:1.58	0.407	22.40	
2636.50	41055	Mid-High	back	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	20.41	1:1.58	0.178	25.92	
2636.50	41055	Mid-High	back	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	20.48	1:1.58	0.173	26.12	
2506.00	39750	Low	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	20.35	1:1.58	0.449	21.84	
2549.50	40185	Low-Mid	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	20.27	1:1.58	0.557	20.83	
2593.00	40620	Mid	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	99	20.38	1:1.58	0.491	21.49	
2636.50	41055	Mid-High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	20.41	1:1.58	0.473	21.68	
2680.00	41490	High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	20.29	1:1.58	0.391	22.38	
2636.50	41055	Mid-High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	20.48	1:1.58	0.454	21.93	
2636.50	41055	Mid-High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	100	0	20.40	1:1.58	0.508	21.36	
2636.50	41055	Mid-High	top	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	20.41	1:1.58	0.035	32.99	
2636.50	41055	Mid-High	top	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	20.48	1:1.58	0.033	33.31	
2636.50	41055	Mid-High	bottom	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	20.41	1:1.58	0.081	29.34	
2636.50	41055	Mid-High	bottom	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	20.48	1:1.58	0.079	29.52	
2506.00	39750	Low	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	20.35	1:1.58	0.645	20.27	
2549.50	40185	Low-Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	20.27	1:1.58	0.756	19.50	
2593.00	40620	Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	99	20.38	1:1.58	0.770	19.53	
2636.50	41055	Mid-High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	20.41	1:1.58	0.811	19.34	
2680.00	41490	High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	20.29	1:1.58	0.730	19.67	
2506.00	39750	Low	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	20.41	1:1.58	0.660	20.23	
2549.50	40185	Low-Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	20.36	1:1.58	0.765	19.54	
2593.00	40620	Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	20.44	1:1.58	0.801	19.42	
2636.50	41055	Mid-High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	20.48	1:1.58	0.787	19.54	
2680.00	41490	High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	20.36	1:1.58	0.747	19.64	
2636.50	41055	Mid-High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	100	0	20.40	1:1.58	0.785	19.47	

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Table A-60
DSI = 3 P_{Limit} Calculations – LTE Band 48 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3560.00	55340	Low	back	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.144	20.86	17.97
3560.00	55340	Low	back	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.147	21.01	
3560.00	55340	Low	front	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.094	22.71	
3560.00	55340	Low	front	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.098	22.77	
3560.00	55340	Low	top	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.099	22.49	
3560.00	55340	Low	top	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.101	22.64	
3560.00	55340	Low	left	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	14.43	1:1.58	0.161	20.38	
3560.00	55340	Low	left	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	14.67	1:1.58	0.165	20.51	
3560.00	55340	Low	back	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	14.43	1:1.58	0.028	27.97	
3560.00	55340	Low	back	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	14.67	1:1.58	0.028	28.21	
3560.00	55340	Low	front	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	14.43	1:1.58	0.254	18.40	
3560.00	55340	Low	front	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	14.67	1:1.58	0.255	18.62	
3560.00	55340	Low	top	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	14.43	1:1.58	0.010	32.45	
3560.00	55340	Low	top	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	14.67	1:1.58	0.011	32.27	
3560.00	55340	Low	bottom	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	14.43	1:1.58	0.150	20.69	
3560.00	55340	Low	bottom	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	14.67	1:1.58	0.151	20.90	
3560.00	55340	Low	left	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	14.43	1:1.58	0.280	17.97	
3560.00	55340	Low	left	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	14.67	1:1.58	0.287	18.11	

Table A-61
DSI = 3 P_{Limit} Calculations – NR Band n71 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
680.50	136100	Mid	back	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.156	30.88	25.77
680.50	136100	Mid	back	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.160	30.97	
680.50	136100	Mid	back	10 mm	NR Band n71	A	Open	20	CP-OFDM	QPSK	1	1	22.86	1:1	0.139	31.43	
680.50	136100	Mid	front	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.125	31.84	
680.50	136100	Mid	front	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.127	31.97	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.027	38.50	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.026	38.86	
680.50	136100	Mid	right	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.136	31.48	
680.50	136100	Mid	right	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.141	31.52	
680.50	136100	Mid	left	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.114	32.24	
680.50	136100	Mid	left	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.118	32.29	
680.50	136100	Mid	back	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.506	25.77	
680.50	136100	Mid	back	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.515	25.89	
680.50	136100	Mid	back	5 mm	NR Band n71	A	Closed	20	CP-OFDM	QPSK	1	1	22.86	1:1	0.411	26.72	
680.50	136100	Mid	front	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.153	30.96	
680.50	136100	Mid	front	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.151	31.22	
680.50	136100	Mid	bottom	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.072	34.24	
680.50	136100	Mid	bottom	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.067	34.75	
680.50	136100	Mid	right	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.036	37.25	
680.50	136100	Mid	right	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.035	37.57	
680.50	136100	Mid	left	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.81	1:1	0.083	33.62	
680.50	136100	Mid	left	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.01	1:1	0.084	33.77	

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Table A-62
DSI = 3 P_{Limit} Calculations – NR Band n12 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
707.50	141500	Mid	back	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.184	30.28	26.26
707.50	141500	Mid	back	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.180	30.44	
707.50	141500	Mid	back	10 mm	NR Band n12	A	Open	15	CP-OFDM	QPSK	1	1	22.63	1:1	0.165	30.46	
707.50	141500	Mid	front	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.137	31.56	
707.50	141500	Mid	front	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.143	31.44	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.025	38.95	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.025	39.01	
707.50	141500	Mid	right	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.144	31.35	
707.50	141500	Mid	right	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.150	31.23	
707.50	141500	Mid	left	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.105	32.72	
707.50	141500	Mid	left	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.122	32.13	
707.50	141500	Mid	back	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.465	26.26	
707.50	141500	Mid	back	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.381	27.18	
707.50	141500	Mid	back	5 mm	NR Band n12	A	Closed	15	CP-OFDM	QPSK	1	1	22.63	1:1	0.333	27.41	
707.50	141500	Mid	front	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.069	34.54	
707.50	141500	Mid	front	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.056	35.51	
707.50	141500	Mid	bottom	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.047	36.21	
707.50	141500	Mid	bottom	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.044	36.56	
707.50	141500	Mid	right	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.029	38.31	
707.50	141500	Mid	right	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.029	38.37	
707.50	141500	Mid	left	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	22.93	1:1	0.067	34.67	
707.50	141500	Mid	left	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	22.99	1:1	0.061	35.14	

Table A-63
DSI = 3 P_{Limit} Calculations – NR Band n26 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
831.50	166300	Mid	back	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.304	27.52	25.00
831.50	166300	Mid	back	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.238	28.65	
831.50	166300	Mid	back	10 mm	NR Band n26	A	Open	20	CP-OFDM	QPSK	1	1	22.19	1:1	0.195	29.29	
831.50	166300	Mid	front	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.117	31.67	
831.50	166300	Mid	front	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.122	31.56	
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.129	31.24	
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.142	30.90	
831.50	166300	Mid	right	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.111	31.90	
831.50	166300	Mid	right	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.108	32.09	
831.50	166300	Mid	left	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.077	33.49	
831.50	166300	Mid	left	10 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.068	34.10	
831.50	166300	Mid	back	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.543	25.00	
831.50	166300	Mid	back	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.542	25.08	
831.50	166300	Mid	back	5 mm	NR Band n26	A	Closed	20	CP-OFDM	QPSK	1	1	22.19	1:1	0.516	25.06	
831.50	166300	Mid	front	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.064	34.29	
831.50	166300	Mid	front	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.065	34.29	
831.50	166300	Mid	bottom	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.244	28.48	
831.50	166300	Mid	bottom	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.243	28.56	
831.50	166300	Mid	right	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.045	35.82	
831.50	166300	Mid	right	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.044	35.99	
831.50	166300	Mid	left	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	1	53	22.35	1:1	0.051	35.27	
831.50	166300	Mid	left	5 mm	NR Band n26	A	Closed	20	DFT-S-OFDM	QPSK	50	0	22.42	1:1	0.050	35.43	

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Table A-64
DSI = 3 P_{Limit} Calculations – NR Band n66 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	back	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.167	25.66	19.81
1745.00	349000	Mid	back	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.196	25.04	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.096	28.07	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.113	27.43	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.425	21.61	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.448	21.45	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	Open	40	CP-OFDM	QPSK	1	1	17.91	1:1	0.424	21.64	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.017	35.59	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.015	36.20	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.049	30.99	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.054	30.64	
1745.00	349000	Mid	back	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.275	23.50	
1745.00	349000	Mid	back	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.278	23.52	
1745.00	349000	Mid	front	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.047	31.17	
1745.00	349000	Mid	front	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.048	31.15	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.617	19.99	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.640	19.90	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	216	0	17.87	1:1	0.640	19.81	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	CP-OFDM	QPSK	1	1	17.91	1:1	0.625	19.95	
1745.00	349000	Mid	right	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.007	39.44	
1745.00	349000	Mid	right	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.007	39.51	
1745.00	349000	Mid	left	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	1	17.89	1:1	0.094	28.16	
1745.00	349000	Mid	left	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	17.96	1:1	0.082	28.82	
1745.00	349000	Mid	back	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.126	26.21	
1745.00	349000	Mid	back	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.149	25.65	
1745.00	349000	Mid	front	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.108	26.88	
1745.00	349000	Mid	front	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.123	26.48	
1745.00	349000	Mid	top	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.013	36.07	
1745.00	349000	Mid	top	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.024	33.58	
1745.00	349000	Mid	right	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.328	22.05	
1745.00	349000	Mid	right	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.378	21.61	
1745.00	349000	Mid	right	10 mm	NR Band n66	I	Open	40	CP-OFDM	QPSK	1	1	17.33	1:1	0.332	22.12	
1745.00	349000	Mid	back	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.016	35.17	
1745.00	349000	Mid	back	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.020	34.37	
1745.00	349000	Mid	front	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.162	25.12	
1745.00	349000	Mid	front	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.197	24.44	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.026	33.06	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.038	31.58	
1745.00	349000	Mid	right	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	1	17.21	1:1	0.418	21.00	
1745.00	349000	Mid	right	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	108	17.38	1:1	0.505	20.35	
1745.00	349000	Mid	right	5 mm	NR Band n66	I	Closed	40	CP-OFDM	QPSK	1	1	17.33	1:1	0.413	21.17	

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Table A-65
DSI = 3 P_{Limit} Calculations – NR Band n25 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}	
MHz	Ch.													(W/kg)			
1882.50	376500	Mid	back	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.263	24.04	20.43
1882.50	376500	Mid	back	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.252	24.38	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.169	25.96	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.163	26.27	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.366	22.61	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.339	23.09	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	Open	40	CP-OFDM	QPSK	1	1	18.15	1:1	0.266	23.90	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.020	35.23	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.020	35.38	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.049	31.34	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.046	31.76	
1882.50	376500	Mid	back	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.395	22.27	
1882.50	376500	Mid	back	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.386	22.52	
1882.50	376500	Mid	front	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.119	27.49	
1882.50	376500	Mid	front	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.094	28.66	
1882.50	376500	Mid	bottom	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.604	20.43	
1882.50	376500	Mid	bottom	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.583	20.73	
1882.50	376500	Mid	bottom	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	216	0	18.20	1:1	0.534	20.93	
1882.50	376500	Mid	bottom	5 mm	NR Band n25	A	Closed	40	CP-OFDM	QPSK	1	1	18.15	1:1	0.462	21.50	
1882.50	376500	Mid	right	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.012	37.45	
1882.50	376500	Mid	right	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.012	37.60	
1882.50	376500	Mid	left	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	1	214	18.24	1:1	0.079	29.26	
1882.50	376500	Mid	left	5 mm	NR Band n25	A	Closed	40	DFT-S-OFDM	QPSK	108	108	18.39	1:1	0.070	29.94	
1882.50	376500	Mid	back	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.149	23.06	16.54
1882.50	376500	Mid	back	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.146	23.13	
1882.50	376500	Mid	front	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.133	23.55	
1882.50	376500	Mid	front	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.135	23.47	
1882.50	376500	Mid	top	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.028	30.32	
1882.50	376500	Mid	top	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.032	29.72	
1882.50	376500	Mid	right	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.347	19.39	
1882.50	376500	Mid	right	10 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.343	19.42	
1882.50	376500	Mid	right	10 mm	NR Band n25	I	Open	40	CP-OFDM	QPSK	1	1	14.83	1:1	0.321	19.77	
1882.50	376500	Mid	back	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.036	29.23	
1882.50	376500	Mid	back	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.032	29.72	
1882.50	376500	Mid	front	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.312	19.85	
1882.50	376500	Mid	front	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.292	20.12	
1882.50	376500	Mid	bottom	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.031	29.88	
1882.50	376500	Mid	bottom	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.037	29.09	
1882.50	376500	Mid	right	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	1	214	14.79	1:1	0.669	16.54	
1882.50	376500	Mid	right	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	108	108	14.77	1:1	0.627	16.80	
1882.50	376500	Mid	right	5 mm	NR Band n25	I	Closed	40	DFT-S-OFDM	QPSK	216	0	14.71	1:1	0.615	16.82	
1882.50	376500	Mid	right	5 mm	NR Band n25	I	Closed	40	CP-OFDM	QPSK	1	1	14.83	1:1	0.539	17.51	

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Table A-66
DSI = 3 P_{Limit} Calculations – NR Band n30 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}	
MHz	Ch.													(W/kg)			
2310.00	462000	Mid	back	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.089	28.29	23.89
2310.00	462000	Mid	back	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.086	28.42	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.075	29.03	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.075	29.01	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.192	24.95	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.193	24.90	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	Open	10	CP-OFDM	QPSK	1	1	17.73	1:1	0.198	24.76	
2310.00	462000	Mid	left	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.056	30.30	
2310.00	462000	Mid	left	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.056	30.28	
2310.00	462000	Mid	back	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.161	25.71	
2310.00	462000	Mid	back	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.159	25.75	
2310.00	462000	Mid	front	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.018	35.23	
2310.00	462000	Mid	front	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.019	34.97	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.245	23.89	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.239	23.98	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	B	Closed	10	CP-OFDM	QPSK	1	1	17.73	1:1	0.241	23.91	
2310.00	462000	Mid	left	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	17.78	1:1	0.086	28.44	
2310.00	462000	Mid	left	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	17.76	1:1	0.085	28.47	
2310.00	462000	Mid	back	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.218	23.09	
2310.00	462000	Mid	back	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.222	22.95	
2310.00	462000	Mid	front	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.197	23.53	
2310.00	462000	Mid	front	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.209	23.21	
2310.00	462000	Mid	top	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.035	31.03	
2310.00	462000	Mid	top	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.036	30.85	
2310.00	462000	Mid	right	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.278	22.03	
2310.00	462000	Mid	right	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.286	21.85	
2310.00	462000	Mid	right	10 mm	NR Band n30	I	Open	10	CP-OFDM	QPSK	1	1	16.55	1:1	0.287	21.97	
2310.00	462000	Mid	back	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.083	27.28	
2310.00	462000	Mid	back	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.087	27.02	
2310.00	462000	Mid	front	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.419	20.25	
2310.00	462000	Mid	front	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.432	20.06	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.045	29.94	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.050	29.42	
2310.00	462000	Mid	right	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	50	16.47	1:1	0.594	18.73	
2310.00	462000	Mid	right	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	0	16.41	1:1	0.605	18.59	
2310.00	462000	Mid	right	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	50	0	16.35	1:1	0.613	18.48	
2310.00	462000	Mid	right	5 mm	NR Band n30	I	Closed	10	CP-OFDM	QPSK	1	1	16.55	1:1	0.605	18.73	

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Table A-67
DSI = 3 P_{Limit} Calculations – NR Band n7 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
Mhz	Ch.													(W/kg)			
2535.00	507000	Mid	back	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.136	28.40	22.76
2535.00	507000	Mid	back	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.141	28.31	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.084	30.49	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.087	30.41	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.278	25.29	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.283	25.28	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	Open	40	CP-OFDM	QPSK	1	1	19.80	1:1	0.281	25.31	
2535.00	507000	Mid	left	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.044	33.30	
2535.00	507000	Mid	left	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.039	33.89	
2535.00	507000	Mid	back	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.214	26.43	
2535.00	507000	Mid	back	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.225	26.28	
2535.00	507000	Mid	front	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.027	35.42	
2535.00	507000	Mid	front	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.028	35.33	
2535.00	507000	Mid	bottom	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.489	22.84	
2535.00	507000	Mid	bottom	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.506	22.76	
2535.00	507000	Mid	bottom	5 mm	NR Band n7	B	Closed	40	CP-OFDM	QPSK	1	1	19.80	1:1	0.501	22.80	
2535.00	507000	Mid	left	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	1	19.73	1:1	0.172	27.38	
2535.00	507000	Mid	left	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	0	19.80	1:1	0.169	27.52	

Table A-68
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
Mhz	Ch.													(W/kg)			
2592.99	518598	Mid	back	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	18.12	1:1	0.307	23.25	20.41
2592.99	518598	Mid	back	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	18.07	1:1	0.274	23.69	
2592.99	518598	Mid	front	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	18.12	1:1	0.251	24.12	
2592.99	518598	Mid	front	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	18.07	1:1	0.255	24.01	
2592.99	518598	Mid	top	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	18.12	1:1	0.042	31.89	
2592.99	518598	Mid	top	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	18.07	1:1	0.042	31.84	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	18.12	1:1	0.399	22.11	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	18.07	1:1	0.395	22.10	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	17.98	1:1	0.330	22.80	
2592.99	518598	Mid	back	5 mm	NR Band n41	I	Closed	100	DFT-s-OFDM	N/A	1	137	18.12	1:1	0.144	26.54	
2592.99	518598	Mid	back	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	135	69	18.07	1:1	0.142	26.55	
2592.99	518598	Mid	front	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	1	137	18.12	1:1	0.401	22.09	
2592.99	518598	Mid	front	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	135	69	18.07	1:1	0.406	21.99	
2592.99	518598	Mid	top	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	1	137	18.12	1:1	0.032	33.07	
2592.99	518598	Mid	top	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	135	69	18.07	1:1	0.029	33.45	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	1	137	18.12	1:1	0.085	28.83	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	135	69	18.07	1:1	0.085	28.78	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	1	137	18.12	1:1	0.502	21.11	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	135	69	18.07	1:1	0.518	20.93	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	N/A	270	0	18.01	1:1	0.533	20.74	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	CP-OFDM	N/A	1	1	17.98	1:1	0.572	20.41	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.077	28.15	23.08
2592.99	518598	Mid	front	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.066	28.82	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.147	25.34	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.013	35.87	
2592.99	518598	Mid	back	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.104	26.84	
2592.99	518598	Mid	front	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.007	38.56	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.247	23.08	
2592.99	518598	Mid	left	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.022	33.59	

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Table A-69
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2592.99	518598	Mid	back	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.038	29.26	23.45
2592.99	518598	Mid	front	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.051	27.98	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.025	31.08	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.080	26.03	
2592.99	518598	Mid	back	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.015	33.30	
2592.99	518598	Mid	front	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.077	26.20	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.036	29.50	
2592.99	518598	Mid	left	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.145	23.45	
2592.99	518598	Mid	back	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.010	35.97	27.34
2592.99	518598	Mid	front	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.012	35.18	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.003	41.20	
2592.99	518598	Mid	left	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.020	32.96	
2592.99	518598	Mid	back	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.043	29.64	
2592.99	518598	Mid	front	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.006	38.19	
2592.99	518598	Mid	top	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.004	39.95	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.011	35.56	
2592.99	518598	Mid	left	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.073	27.34	

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Table A-70
DSI = 3 P_{Limit} Calculations – NR Band n48 Hotspot SAR

MEASUREMENT RESULTS																															
FREQUENCY			Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit														
MHz	Ch.	(W/kg)																													
3570.00	638000	Low	back	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.207	20.76	17.77														
3570.00	638000	Low	back	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.209	20.70		17.77													
3570.00	638000	Low	front	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.154	22.05			17.77												
3570.00	638000	Low	front	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.152	22.08				17.77											
3570.00	638000	Low	top	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.179	21.39					17.77										
3570.00	638000	Low	top	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.179	21.37						17.77									
3570.00	638000	Low	left	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.270	19.61							17.77								
3570.00	638000	Low	left	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.271	19.57								17.77							
3570.00	638000	Low	left	10 mm	NR Band n48	F	Open	40	CP-OFDM	QPSK	1	1	13.75	1:1	0.266	19.50									17.77						
3570.00	638000	Low	back	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.052	26.76										17.77					
3570.00	638000	Low	back	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.045	27.37											17.77				
3570.00	638000	Low	front	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.412	17.77												17.77			
3570.00	638000	Low	front	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.382	18.08													17.77		
3570.00	638000	Low	front	5 mm	NR Band n48	F	Closed	40	CP-OFDM	QPSK	1	1	13.75	1:1	0.324	18.65														17.77	
3570.00	638000	Low	bottom	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.187	21.20															17.77
3570.00	638000	Low	bottom	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.179	21.37															
3570.00	638000	Low	left	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	13.92	1:1	0.393	17.98	17.77														
3570.00	638000	Low	left	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	13.90	1:1	0.395	17.93		17.77													
3570.00	638000	Low	back	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.075	19.12			12.03												
3570.00	638000	Low	front	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.067	19.61				12.03											
3570.00	638000	Low	top	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.015	26.11					12.03										
3570.00	638000	Low	right	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.163	15.75						12.03									
3570.00	638000	Low	back	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.022	24.45							12.03								
3570.00	638000	Low	front	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.319	12.83								12.03							
3570.00	638000	Low	top	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.043	21.54									12.03						
3570.00	638000	Low	bottom	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.026	23.72										12.03					
3570.00	638000	Low	right	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	7.87	1:1	0.384	12.03			12.03												
3570.00	638000	Low	back	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.044	24.13				17.32											
3570.00	638000	Low	front	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.055	23.16					17.32										
3570.00	638000	Low	top	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.004	34.54						17.32									
3570.00	638000	Low	left	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.094	20.83							17.32								
3570.00	638000	Low	back	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.041	24.43								17.32							
3570.00	638000	Low	front	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.128	19.49	17.32														
3570.00	638000	Low	top	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.009	31.02		17.32													
3570.00	638000	Low	bottom	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.038	24.76			17.32												
3570.00	638000	Low	left	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	10.56	1:1	0.211	17.32				17.32											
3570.00	638000	Low	back	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.027	27.89					21.13										
3570.00	638000	Low	front	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.022	28.78						21.13									
3570.00	638000	Low	bottom	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.010	32.20							21.13								
3570.00	638000	Low	left	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.054	24.88								21.13							
3570.00	638000	Low	back	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.049	25.30	21.13														
3570.00	638000	Low	front	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.007	33.75		21.13													
3570.00	638000	Low	top	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.003	37.43			21.13												
3570.00	638000	Low	bottom	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.014	30.74				21.13											
3570.00	638000	Low	left	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.128	21.13					21.13										

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Table A-71
DSI = 3 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.													(W/kg)		
3750.00	650000	Low	back	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.099	24.67
3750.00	650000	Low	back	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	14.40	1:1	0.105	24.19
3750.00	650000	Low	front	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.080	25.60
3750.00	650000	Low	front	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	14.40	1:1	0.069	26.01
3750.00	650000	Low	top	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.075	25.88
3750.00	650000	Low	top	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	14.40	1:1	0.087	25.01
3750.00	650000	Low	left	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.168	22.38
3750.00	650000	Low	left	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	14.40	1:1	0.168	22.15
3750.00	650000	Low	left	10 mm	NR Band n77	F	Open	100	CP-OFDM	QPSK	1	1	13.75	1:1	0.193	20.89
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	271	13.71	1:1	0.289	19.10
3750.00	650000	Low	back	5 mm	NR Band n77	F	Closed	100	DFT-s-OFDM	QPSK	1	271	14.63	1:1	0.030	29.86
3750.00	650000	Low	back	5 mm	NR Band n77	F	Closed	100	DFT-s-OFDM	QPSK	135	138	14.40	1:1	0.035	28.96
3750.00	650000	Low	front	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.355	19.13
3750.00	650000	Low	front	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	138	14.40	1:1	0.365	18.78
3930.00	662000	High	front	5 mm	NR Band n77	F	Closed	100	DFT-s-OFDM	QPSK	135	138	13.64	1:1	0.165	21.47
3750.00	650000	Low	front	5 mm	NR Band n77	F	Closed	100	DFT-s-OFDM	QPSK	270	0	14.20	1:1	0.371	18.51
3750.00	650000	Low	top	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.008	35.60
3750.00	650000	Low	top	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	138	14.40	1:1	0.010	34.40
3750.00	650000	Low	bottom	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.223	21.15
3750.00	650000	Low	bottom	5 mm	NR Band n77	F	Closed	100	DFT-s-OFDM	QPSK	135	138	14.40	1:1	0.202	21.35
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	271	14.63	1:1	0.438	18.22
3930.00	662000	High	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	137	13.59	1:1	0.251	19.59
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	DFT-s-OFDM	QPSK	135	138	14.40	1:1	0.417	18.20
3930.00	662000	High	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	138	13.64	1:1	0.245	19.75
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	DFT-s-OFDM	QPSK	270	0	14.20	1:1	0.394	18.25
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	CP-OFDM	QPSK	1	1	13.75	1:1	0.439	17.33
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	1	271	13.71	1:1	0.512	16.62
3750.00	650000	Low	back	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.057	24.92
3750.00	650000	Low	front	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.028	28.01
3750.00	650000	Low	top	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.000	52.48
3750.00	650000	Low	right	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.080	23.45
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	N/A	N/A	11.59	1:1	0.146	19.95
3750.00	650000	Low	back	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.012	31.69
3750.00	650000	Low	front	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.182	19.88
3750.00	650000	Low	top	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.003	37.71
3750.00	650000	Low	bottom	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.004	36.46
3750.00	650000	Low	right	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	12.48	1:1	0.264	18.26
3500.01	633334	Mid	right	5 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	N/A	N/A	11.59	1:1	0.457	14.99

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Table A-72
DSI = 3 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3750.00	650000	Low	back	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.014	30.74	20.84
3750.00	650000	Low	front	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.021	28.98	
3750.00	650000	Low	top	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.030	27.43	
3750.00	650000	Low	left	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.032	27.15	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	12.36	1:1	0.079	23.38	
3750.00	650000	Low	back	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.044	25.77	
3750.00	650000	Low	front	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.053	24.96	
3750.00	650000	Low	top	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.000	52.20	
3750.00	650000	Low	bottom	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.005	35.21	
3750.00	650000	Low	left	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	12.20	1:1	0.094	22.47	
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	N/A	N/A	12.36	1:1	0.142	20.84	
3750.00	650000	Low	back	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.017	30.02	
3750.00	650000	Low	front	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.015	30.56	
3750.00	650000	Low	bottom	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.005	35.33	
3750.00	650000	Low	left	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.059	24.61	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	N/A	N/A	11.80	1:1	0.029	27.18	
3750.00	650000	Low	back	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.068	24.00	
3750.00	650000	Low	front	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.006	34.54	
3750.00	650000	Low	top	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.001	42.32	
3750.00	650000	Low	bottom	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.023	28.70	
3750.00	650000	Low	left	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	12.32	1:1	0.179	19.79	
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	N/A	N/A	11.80	1:1	0.080	22.77	

Table A-73
DSI = 3 P_{Limit} Calculations – DTS SISO Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
2462	11	back	10 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	0.118	28.04	24.46
2462	11	front	10 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	0.158	26.77	
2462	11	top	10 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	0.107	28.46	
2462	11	right	10 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	0.073	30.12	
2462	11	back	5 mm	802.11b	DSSS	2	Closed	22	1	18.81	98.74	0.056	31.27	
2462	11	front	5 mm	802.11b	DSSS	2	Closed	22	1	18.81	98.74	0.269	24.46	
2462	11	bottom	5 mm	802.11b	DSSS	2	Closed	22	1	18.81	98.74	0.188	26.01	
2462	11	right	5 mm	802.11b	DSSS	2	Closed	22	1	18.81	98.74	0.188	26.01	

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Table A-74
DSI = 3 P_{Limit} Calculations – DTS and NII MIMO Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2412	1	back	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	0.342	23.52	20.01
2412	1	front	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	0.299	24.11	
2412	1	top	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	0.228	25.28	
2412	1	right	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	0.097	28.99	
2412	1	left	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	0.368	23.20	
2412	1	back	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.91	19.00	98.90	0.199	25.87	
2412	1	front	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.91	19.00	98.90	0.565	21.34	
2412	1	bottom	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.91	19.00	98.90	0.547	21.48	
2412	1	right	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.91	19.00	98.90	0.149	27.13	
2412	1	left	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.91	19.00	98.90	0.768	20.01	
2437	6	left	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.59	18.83	98.90	0.631	20.54	
2462	11	left	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.61	18.90	98.90	0.561	21.07	
5825	165	back	10 mm	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.125	24.73	19.91
5825	165	front	10 mm	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.049	28.80	
5825	165	top	10 mm	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.031	30.78	
5825	165	right	10 mm	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.034	30.38	
5825	165	left	10 mm	802.11n	OFDM	MIMO	Open	20	13	15.95	15.78	98.11	0.111	25.24	
5825	165	back	5 mm	802.11n	OFDM	MIMO	Closed	20	13	15.95	15.78	98.11	0.048	28.89	
5825	165	front	5 mm	802.11n	OFDM	MIMO	Closed	20	13	15.95	15.78	98.11	0.379	19.91	
5825	165	bottom	5 mm	802.11n	OFDM	MIMO	Closed	20	13	15.95	15.78	98.11	0.094	25.97	
5825	165	right	5 mm	802.11n	OFDM	MIMO	Closed	20	13	15.95	15.78	98.11	0.213	22.41	
5825	165	left	5 mm	802.11n	OFDM	MIMO	Closed	20	13	15.95	15.78	98.11	0.341	20.37	

Table A-75
DSI = 3 P_{Limit} Calculations – DSS Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Data Rate (Mbps)	Conducted Power [dBm]	Power Drift [dB]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
2441	39	back	10 mm	Bluetooth	FHSS	1	Open	1	16.40	0.11	76.85	0.029	30.63	22.73
2441	39	front	10 mm	Bluetooth	FHSS	1	Open	1	16.40	0.03	76.85	0.021	32.03	
2441	39	top	10 mm	Bluetooth	FHSS	1	Open	1	16.40	-0.02	76.85	0.021	32.03	
2441	39	left	10 mm	Bluetooth	FHSS	1	Open	1	16.40	0.03	76.85	0.121	24.43	
2440	19	left	10 mm	Bluetooth LE	DSSS	1	Open	1	16.42	0.08	84.71	0.004	39.68	
2441	39	back	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	-0.16	76.85	0.018	32.70	
2441	39	front	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	-0.14	76.85	0.073	26.62	
2441	39	bottom	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	-0.04	76.85	0.049	28.35	
2441	39	left	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	0.01	76.85	0.179	22.73	
2440	19	left	5 mm	Bluetooth LE	DSSS	1	Closed	1	16.42	0.11	84.71	0.009	36.16	

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Table A-76
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)		
824.20	128	back	0 mm	GSM 850	GPRS	A	Open	3	29.33	1:2.76	1.000	28.88	28.88
824.20	128	front	0 mm	GSM 850	GPRS	A	Open	3	29.33	1:2.76	0.572	31.31	
824.20	128	bottom	0 mm	GSM 850	GPRS	A	Open	3	29.33	1:2.76	0.336	33.62	
824.20	128	right	0 mm	GSM 850	GPRS	A	Open	3	29.33	1:2.76	0.369	33.21	
824.20	128	left	0 mm	GSM 850	GPRS	A	Open	3	29.33	1:2.76	0.513	31.78	
1880.00	661	back	0 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.459	26.10	26.10
1880.00	661	front	0 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.409	26.60	
1880.00	661	bottom	0 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.426	26.42	
1880.00	661	right	0 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.035	37.28	
1880.00	661	left	0 mm	GSM 1900	GPRS	A	Open	4	21.92	1:2.076	0.063	34.73	

Table A-77
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)		
836.60	4183	back	0 mm	UMTS 850	RMC	A	Open	24.97	1:1	0.751	30.19	30.19
836.60	4183	front	0 mm	UMTS 850	RMC	A	Open	24.97	1:1	0.562	31.45	
836.60	4183	bottom	0 mm	UMTS 850	RMC	A	Open	24.97	1:1	0.359	33.40	
836.60	4183	right	0 mm	UMTS 850	RMC	A	Open	24.97	1:1	0.581	31.31	
836.60	4183	left	0 mm	UMTS 850	RMC	A	Open	24.97	1:1	0.623	31.00	
1712.40	1312	back	0 mm	UMTS 1750	RMC	A	Open	20.63	1:1	1.450	23.00	22.90
1732.40	1412	back	0 mm	UMTS 1750	RMC	A	Open	20.19	1:1	1.340	22.90	
1752.60	1513	back	0 mm	UMTS 1750	RMC	A	Open	20.49	1:1	1.430	22.92	
1712.40	1312	front	0 mm	UMTS 1750	RMC	A	Open	20.63	1:1	0.918	24.98	
1712.40	1312	bottom	0 mm	UMTS 1750	RMC	A	Open	20.63	1:1	0.900	25.07	
1712.40	1312	right	0 mm	UMTS 1750	RMC	A	Open	20.63	1:1	0.074	35.92	23.62
1712.40	1312	left	0 mm	UMTS 1750	RMC	A	Open	20.63	1:1	0.102	34.52	
1852.40	9262	back	0 mm	UMTS 1900	RMC	A	Open	20.64	1:1	1.120	24.13	
1880.00	9400	back	0 mm	UMTS 1900	RMC	A	Open	20.66	1:1	1.190	23.88	
1907.60	9538	back	0 mm	UMTS 1900	RMC	A	Open	20.88	1:1	1.330	23.62	
1907.60	9538	front	0 mm	UMTS 1900	RMC	A	Open	20.88	1:1	1.160	24.21	27.56
1907.60	9538	bottom	0 mm	UMTS 1900	RMC	A	Open	20.88	1:1	0.537	27.56	
1907.60	9538	right	0 mm	UMTS 1900	RMC	A	Open	20.88	1:1	0.084	35.62	
1907.60	9538	left	0 mm	UMTS 1900	RMC	A	Open	20.88	1:1	0.132	33.65	

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Table A-78
DSI = 0 P_{Limit} Calculations – LTE Band 71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
680.50	133297	Mid	back	0 mm	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.894	29.75	28.81
680.50	133297	Mid	front	0 mm	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.627	31.29	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.321	34.19	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	0.245	35.37	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	Open	20	QPSK	1	50	25.28	1:1	1.110	28.81	

Table A-79
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
707.50	23095	Mid	back	0 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.479	29.97	29.97
707.50	23095	Mid	front	0 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.337	31.49	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.158	34.78	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.166	34.57	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	Open	10	QPSK	25	0	22.79	1:1	0.471	30.04	

Table A-80
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
782.00	23230	Mid	back	0 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.506	29.24	29.24
782.00	23230	Mid	front	0 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.400	30.26	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.244	32.41	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.231	32.64	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	Open	10	QPSK	1	25	22.30	1:1	0.275	31.89	

Table A-81
DSI = 0 P_{Limit} Calculations – LTE Band 14 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
793.00	23330	Mid	back	0 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.543	29.52	29.52
793.00	23330	Mid	front	0 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.472	30.13	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.281	32.38	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.307	32.00	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	Open	10	QPSK	1	0	22.89	1:1	0.315	31.89	

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Table A-82
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.813	29.43	29.43
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.596	30.78	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.218	35.14	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.499	31.55	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.55	1:1	0.416	32.34	

Table A-83
DSI = 0 P_{Limit} Calculations – LTE Band 5 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.847	29.53	29.53
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.643	30.73	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.348	33.39	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.561	31.32	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.83	1:1	0.449	32.29	

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Table A-84
DSI = 0 P_{Limit} Calculations – LTE Band 66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	21.43	1:1	1.650	23.23	23.06
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	99	21.33	1:1	1.680	23.06	
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	21.15	1:1	1.470	23.46	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	21.14	1:1	1.530	23.27	
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	21.51	1:1	1.650	23.31	
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	21.14	1:1	1.500	23.36	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	21.26	1:1	1.570	23.28	
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	100	0	21.39	1:1	1.480	23.67	
1720.00	132072	Low	front	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	21.51	1:1	1.240	24.56	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	21.43	1:1	1.270	24.37	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	21.51	1:1	1.290	24.38	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	21.51	1:1	0.106	35.24	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	0	21.51	1:1	0.173	33.11	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	0	20.57	1:1	1.360	23.21	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	0	20.74	1:1	1.410	23.23	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	0	20.74	1:1	1.440	23.14	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	0	20.74	1:1	0.098	34.81	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	0	20.56	1:1	1.940	21.66	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	20.26	1:1	1.820	21.64	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	0	20.57	1:1	1.900	21.76	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	0	20.70	1:1	1.920	21.85	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	20.52	1:1	1.830	21.87	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	0	20.74	1:1	1.950	21.82	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	100	0	20.55	1:1	1.910	21.72	

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Table A-85
DSI = 0 P_{Limit} Calculations – LTE Band 25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	22.50	1:1	1.660	24.28	23.69
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	22.02	1:1	1.600	23.96	
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	22.10	1:1	1.670	23.85	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	22.23	1:1	1.690	23.93	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	100	0	22.17	1:1	1.760	23.69	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	22.50	1:1	1.500	24.72	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	22.23	1:1	1.530	24.36	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	22.50	1:1	0.827	27.30	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	22.23	1:1	0.854	26.89	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	22.50	1:1	0.109	36.11	
1905.00	26590	High	left	0 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	22.50	1:1	0.177	34.00	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.36	1:1	1.570	22.38	22.01
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.23	1:1	1.620	22.11	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.72	1:1	1.740	22.29	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	20.38	1:1	1.610	22.29	
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	25	20.29	1:1	1.650	22.09	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	20.64	1:1	1.750	22.19	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	100	0	20.63	1:1	1.820	22.01	
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.36	1:1	1.520	22.52	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.23	1:1	1.530	22.36	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.72	1:1	1.640	22.55	
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	20.38	1:1	1.580	22.37	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	25	20.29	1:1	1.580	22.28	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	20.64	1:1	1.660	22.42	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	100	0	20.63	1:1	1.660	22.41	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.72	1:1	0.128	33.63	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.36	1:1	1.640	22.19	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.23	1:1	1.540	22.33	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	1	99	20.72	1:1	1.640	22.55	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	20.38	1:1	1.700	22.05	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	25	20.29	1:1	1.630	22.15	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	50	50	20.64	1:1	1.640	22.47	
1905.00	26590	High	right	0 mm	LTE Band 25 (PCS)	I	Open	20	QPSK	100	0	20.63	1:1	1.690	22.33	

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Table A-86
DSI = 0 P_{Limit} Calculations – LTE Band 30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2310.00	27710	Mid	back	0 mm	LTE Band 30	B	Open	10	QPSK	1	25	20.57	1:1	0.784	25.61	25.61
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	Open	10	QPSK	1	25	20.57	1:1	0.443	28.09	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	B	Open	10	QPSK	1	25	20.57	1:1	0.731	25.91	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	Open	10	QPSK	1	25	20.57	1:1	0.268	30.27	
2310.00	27710	Mid	back	0 mm	LTE Band 30	I	Open	10	QPSK	1	49	20.16	1:1	1.320	22.93	21.33
2310.00	27710	Mid	back	0 mm	LTE Band 30	I	Open	10	QPSK	25	25	20.13	1:1	1.310	22.94	
2310.00	27710	Mid	front	0 mm	LTE Band 30	I	Open	10	QPSK	1	49	20.16	1:1	1.840	21.49	
2310.00	27710	Mid	front	0 mm	LTE Band 30	I	Open	10	QPSK	25	25	20.13	1:1	1.830	21.48	
2310.00	27710	Mid	front	0 mm	LTE Band 30	I	Open	10	QPSK	50	0	20.00	1:1	1.840	21.33	
2310.00	27710	Mid	top	0 mm	LTE Band 30	I	Open	10	QPSK	1	49	20.16	1:1	0.150	32.38	
2310.00	27710	Mid	right	0 mm	LTE Band 30	I	Open	10	QPSK	1	49	20.16	1:1	1.670	21.91	
2310.00	27710	Mid	right	0 mm	LTE Band 30	I	Open	10	QPSK	25	25	20.13	1:1	1.640	21.96	
2310.00	27710	Mid	right	0 mm	LTE Band 30	I	Open	10	QPSK	50	0	20.00	1:1	1.630	21.86	

Table A-87
DSI = 0 P_{Limit} Calculations – LTE Band 7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2510.00	20850	Low	back	0 mm	LTE Band 7	B	Open	20	QPSK	1	50	21.11	1:1	0.881	25.64	25.64
2510.00	20850	Low	front	0 mm	LTE Band 7	B	Open	20	QPSK	1	50	21.11	1:1	0.436	28.69	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	Open	20	QPSK	1	50	21.11	1:1	0.850	25.80	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	Open	20	QPSK	50	25	21.04	1:1	0.848	25.74	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	Open	20	QPSK	1	50	21.11	1:1	0.282	30.59	

Table A-88
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2506.00	39750	Low	back	0 mm	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	1.080	25.90	25.90
2506.00	39750	Low	front	0 mm	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	0.571	28.67	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	1.040	26.07	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	Open	20	QPSK	1	0	24.24	1:1.58	0.345	30.86	

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Table A-89
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2593.00	40620	Mid	back	0 mm	LTE Band 41	I	Open	20	QPSK	50	50	22.46	1:1.58	1.450	22.84	21.49
2593.00	40620	Mid	front	0 mm	LTE Band 41	I	Open	20	QPSK	50	50	22.46	1:1.58	1.980	21.49	
2593.00	40620	Mid	top	0 mm	LTE Band 41	I	Open	20	QPSK	50	50	22.46	1:1.58	0.175	32.03	
2506.00	39750	Low	right	0 mm	LTE Band 41	I	Open	20	QPSK	1	50	22.34	1:1.58	1.450	22.72	
2506.00	39750	Low	right	0 mm	LTE Band 41	I	Open	20	QPSK	1	99	22.28	1:1.58	1.380	22.88	
2549.50	40185	Low-Mid	right	0 mm	LTE Band 41	I	Open	20	QPSK	1	0	22.33	1:1.58	1.390	22.90	
2593.00	40620	Mid	right	0 mm	LTE Band 41	I	Open	20	QPSK	1	99	22.41	1:1.58	1.370	23.04	
2636.50	41055	Mid-High	right	0 mm	LTE Band 41	I	Open	20	QPSK	1	50	22.39	1:1.58	1.290	23.28	
2680.00	41490	High	right	0 mm	LTE Band 41	I	Open	20	QPSK	1	99	22.25	1:1.58	1.090	23.87	
2506.00	39750	Low	right	0 mm	LTE Band 41	I	Open	20	QPSK	50	25	22.42	1:1.58	1.380	23.02	
2549.50	40185	Low-Mid	right	0 mm	LTE Band 41	I	Open	20	QPSK	50	25	22.32	1:1.58	1.400	22.85	
2593.00	40620	Mid	right	0 mm	LTE Band 41	I	Open	20	QPSK	50	50	22.46	1:1.58	1.360	23.12	
2636.50	41055	Mid-High	right	0 mm	LTE Band 41	I	Open	20	QPSK	50	25	22.42	1:1.58	1.330	23.18	
2680.00	41490	High	right	0 mm	LTE Band 41	I	Open	20	QPSK	50	25	22.32	1:1.58	1.190	23.56	
2593.00	40620	Mid	right	0 mm	LTE Band 41	I	Open	20	QPSK	100	0	22.40	1:1.58	1.390	22.97	

Table A-90
DSI = 0 P_{Limit} Calculations – LTE Band 48 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3560.00	55340	Low	back	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	20.02	1:1.58	1.390	20.59	18.76
3603.30	55773	Low-Mid	back	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	19.77	1:1.58	1.330	20.53	
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	20.04	1:1.58	1.190	21.28	
3690.00	56640	High	back	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	19.91	1:1.58	1.390	20.48	
3560.00	55340	Low	back	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	20.02	1:1.58	1.330	20.78	
3603.30	55773	Low-Mid	back	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	19.89	1:1.58	1.320	20.68	
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	20.06	1:1.58	1.210	21.23	
3690.00	56640	High	back	0 mm	LTE Band 48	F	Open	20	QPSK	50	0	19.96	1:1.58	1.410	20.46	
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	Open	20	QPSK	100	0	20.03	1:1.58	1.180	21.31	
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	20.06	1:1.58	0.901	22.51	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	20.06	1:1.58	0.630	24.06	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	20.02	1:1.58	2.050	18.90	
3603.30	55773	Low-Mid	left	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	19.77	1:1.58	1.850	19.09	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	20.04	1:1.58	1.680	19.78	
3690.00	56640	High	left	0 mm	LTE Band 48	F	Open	20	QPSK	1	50	19.91	1:1.58	1.720	19.55	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	20.02	1:1.58	2.080	18.83	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	Open	20	QPSK	50	50	19.99	1:1.58	2.100	18.76	
3603.30	55773	Low-Mid	left	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	19.89	1:1.58	1.920	19.05	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	Open	20	QPSK	50	25	20.06	1:1.58	1.690	19.78	
3690.00	56640	High	left	0 mm	LTE Band 48	F	Open	20	QPSK	50	0	19.96	1:1.58	1.760	19.50	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	Open	20	QPSK	100	0	20.03	1:1.58	1.800	19.47	

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Table A-91
DSI = 0 P_{Limit} Calculations – NR Band n71 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
680.50	136100	Mid	back	0 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	1.050	28.58	28.58
680.50	136100	Mid	front	0 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.677	30.48	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.364	33.18	
680.50	136100	Mid	right	0 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.261	34.62	
680.50	136100	Mid	left	0 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.81	1:1	0.897	29.26	

Table A-92
DSI = 0 P_{Limit} Calculations – NR Band n12 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
707.50	141500	Mid	back	0 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.713	29.77	29.77
707.50	141500	Mid	front	0 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.471	31.57	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.230	34.68	
707.50	141500	Mid	right	0 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.242	34.46	
707.50	141500	Mid	left	0 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	24.32	1:1	0.674	30.01	

Table A-93
DSI = 0 P_{Limit} Calculations – NR Band n26 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
831.50	166300	Mid	back	0 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	1.050	28.26	28.26
831.50	166300	Mid	front	0 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.835	29.25	
831.50	166300	Mid	bottom	0 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.489	31.58	
831.50	166300	Mid	right	0 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.532	31.21	
831.50	166300	Mid	left	0 mm	NR Band n26	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.49	1:1	0.168	36.22	

Table A-94
DSI = 0 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	back	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	19.78	1:1	1.420	22.24	22.19
1745.00	349000	Mid	back	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.90	1:1	1.430	22.33	
1745.00	349000	Mid	back	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	216	0	19.77	1:1	1.320	22.54	
1745.00	349000	Mid	back	0 mm	NR Band n66	A	Open	40	CP-OFDM	QPSK	1	1	19.85	1:1	1.460	22.19	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.90	1:1	0.823	24.73	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	1	19.78	1:1	1.160	23.12	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.90	1:1	1.100	23.47	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.90	1:1	0.065	35.75	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.90	1:1	0.095	34.10	
1745.00	349000	Mid	back	0 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	21.55	1:1	0.770	26.66	
1745.00	349000	Mid	front	0 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	21.55	1:1	0.755	26.75	21.43
1745.00	349000	Mid	top	0 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	21.55	1:1	0.080	36.50	
1745.00	349000	Mid	right	0 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	1	21.55	1:1	2.420	21.69	
1745.00	349000	Mid	right	0 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	54	21.49	1:1	2.440	21.60	
1745.00	349000	Mid	right	0 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	216	0	21.47	1:1	2.490	21.49	
1745.00	349000	Mid	right	0 mm	NR Band n66	I	Open	40	CP-OFDM	QPSK	1	1	21.52	1:1	2.550	21.43	

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Table A-95
DSI = 0 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plim it	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	back	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	21.88	1.560	23.93	23.93
1882.50	376500	Mid	back	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	21.98	1.560	24.03	
1882.50	376500	Mid	back	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	216	0	21.85	1.540	23.95	
1882.50	376500	Mid	back	0 mm	NR Band n25	A	Open	40	CP-OFDM	QPSK	1	1	21.84	1.510	24.03	
1882.50	376500	Mid	front	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	21.88	1.120	25.37	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	21.88	1.210	25.03	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	108	108	21.98	1.240	25.03	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	21.88	0.111	35.41	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	Open	40	DFT-S-OFDM	QPSK	1	214	21.88	0.161	33.79	
1882.50	376500	Mid	back	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	21.08	1.600	23.02	
1882.50	376500	Mid	back	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	21.01	1.590	22.98	
1882.50	376500	Mid	front	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	21.08	1.630	22.94	
1882.50	376500	Mid	front	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	21.01	1.620	22.89	
1882.50	376500	Mid	front	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	216	0	20.94	1.620	22.82	
1882.50	376500	Mid	top	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	21.08	0.102	34.97	
1882.50	376500	Mid	right	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	1	214	21.08	1.860	22.36	
1882.50	376500	Mid	right	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	108	108	21.01	1.940	22.11	
1882.50	376500	Mid	right	0 mm	NR Band n25	I	Open	40	DFT-S-OFDM	QPSK	216	0	20.94	2.030	21.84	
1882.50	376500	Mid	right	0 mm	NR Band n25	I	Open	40	CP-OFDM	QPSK	1	1	21.12	2.120	21.84	

Table A-96
DSI = 0 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plim it	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	462000	Mid	back	0 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	21.41	0.842	26.14	26.14
2310.00	462000	Mid	front	0 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	21.41	0.495	28.44	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	21.41	0.593	27.66	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	21.41	0.494	28.45	
2310.00	462000	Mid	back	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	20.85	1.460	23.19	22.40
2310.00	462000	Mid	back	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	20.83	1.700	22.51	
2310.00	462000	Mid	front	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	20.85	1.720	22.47	
2310.00	462000	Mid	front	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	20.83	1.740	22.40	
2310.00	462000	Mid	front	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	50	0	20.82	1.710	22.47	
2310.00	462000	Mid	front	0 mm	NR Band n30	I	Open	10	CP-OFDM	QPSK	1	1	20.96	1.690	22.66	
2310.00	462000	Mid	top	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	20.85	0.158	32.84	
2310.00	462000	Mid	right	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	50	20.85	1.570	22.87	
2310.00	462000	Mid	right	0 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	20.83	1.640	22.66	

Table A-97
DSI = 0 P_{Limit} Calculations – NR Band n7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plim it	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	507000	Mid	back	0 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	20.95	0.600	27.15	26.73
2535.00	507000	Mid	front	0 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	20.95	0.407	28.83	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	20.95	0.661	26.73	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	0	20.95	0.259	30.80	

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Table A-98
DSI = 0 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2592.99	518598	Mid	back	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	20.17	1:1	1.110	23.70	22.25
2592.99	518598	Mid	back	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	20.13	1:1	1.130	23.58	
2592.99	518598	Mid	back	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	270	0	20.05	1:1	1.100	23.62	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	20.17	1:1	1.510	22.36	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	20.13	1:1	1.530	22.26	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	270	0	20.05	1:1	1.490	22.30	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	19.97	1:1	1.480	22.25	
2592.99	518598	Mid	top	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	20.17	1:1	0.159	32.14	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	20.17	1:1	1.280	23.08	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	69	20.13	1:1	1.300	22.97	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	270	0	20.05	1:1	1.310	22.86	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.433	24.62	24.62
2592.99	518598	Mid	front	0 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.241	27.17	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.419	24.77	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	17.01	1:1	0.072	32.42	
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.157	27.08	20.41
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.349	23.61	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.102	28.95	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	15.06	1:1	0.730	20.41	
2592.99	518598	Mid	back	0 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.122	29.09	29.09
2592.99	518598	Mid	front	0 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.109	29.58	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.005	42.96	
2592.99	518598	Mid	left	0 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	15.97	1:1	0.100	29.95	

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Table A-99
DSI = 0 P_{Limit} Calculations – NR Band n48 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.													(W/kg)			
3570.00	638000	Low	back	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.98	1:1	1.870	19.24	18.14
3624.99	641666	Mid	back	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	17.51	1:1	1.820	18.89	
3679.98	645332	High	back	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.75	1:1	1.450	20.12	
3570.00	638000	Low	back	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.86	1:1	1.850	19.17	
3624.99	641666	Mid	back	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.38	1:1	1.770	18.88	
3679.98	645332	High	back	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	17.80	1:1	1.430	20.23	
3570.00	638000	Low	back	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	100	0	17.85	1:1	1.920	19.00	
3570.00	638000	Low	front	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.98	1:1	1.580	19.97	
3624.99	641666	Mid	front	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	17.51	1:1	1.350	20.19	
3679.98	645332	High	front	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.75	1:1	0.945	21.98	
3570.00	638000	Low	front	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.86	1:1	1.610	19.77	
3624.99	641666	Mid	front	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.38	1:1	1.310	20.19	
3679.98	645332	High	front	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	17.80	1:1	0.968	21.92	
3570.00	638000	Low	front	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	100	0	17.85	1:1	1.580	19.84	
3570.00	638000	Low	top	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.98	1:1	0.780	23.04	
3570.00	638000	Low	top	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.86	1:1	0.984	21.91	
3570.00	638000	Low	left	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.98	1:1	2.360	18.23	
3624.99	641666	Mid	left	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	17.51	1:1	2.120	18.23	
3679.98	645332	High	left	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	104	17.75	1:1	1.780	19.23	
3570.00	638000	Low	left	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.86	1:1	2.290	18.24	
3624.99	641666	Mid	left	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	17.38	1:1	2.050	18.24	
3679.98	645332	High	left	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	56	17.80	1:1	1.780	19.28	
3570.00	638000	Low	left	0 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	100	0	17.85	1:1	2.340	18.14	
3570.00	638000	Low	left	0 mm	NR Band n48	F	Open	40	CP-OFDM	QPSK	1	1	17.71	1:1	2.240	18.19	
3570.00	638000	Low	back	0 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	11.95	1:1	0.528	18.70	
3570.00	638000	Low	front	0 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	11.95	1:1	0.573	18.35	
3570.00	638000	Low	top	0 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	11.95	1:1	0.057	28.37	
3570.00	638000	Low	right	0 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	11.95	1:1	1.170	15.25	
3570.00	638000	Low	back	0 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	14.64	1:1	0.508	21.56	
3570.00	638000	Low	front	0 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	14.64	1:1	0.623	20.67	
3570.00	638000	Low	top	0 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	14.64	1:1	0.019	35.83	
3570.00	638000	Low	left	0 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	14.64	1:1	0.705	20.14	
3570.00	638000	Low	back	0 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.236	26.50	
3570.00	638000	Low	front	0 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.160	28.19	
3570.00	638000	Low	bottom	0 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.029	35.61	
3570.00	638000	Low	left	0 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	16.25	1:1	0.329	25.06	

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Table A-100
DSI = 0 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
3750.00	650000	Low	back	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	17.13	1:1	0.783	22.17	18.17
3750.00	650000	Low	back	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	16.91	1:1	0.818	21.76	
3750.00	650000	Low	front	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	17.13	1:1	0.554	23.67	
3750.00	650000	Low	front	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	16.91	1:1	0.553	23.46	
3750.00	650000	Low	top	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	17.13	1:1	0.377	25.35	
3750.00	650000	Low	top	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	16.91	1:1	0.379	25.10	
3750.00	650000	Low	left	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	17.13	1:1	1.510	19.32	
3930.00	662000	High	left	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	271	16.19	1:1	1.170	19.49	
3750.00	650000	Low	left	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	16.91	1:1	1.350	19.59	
3930.00	662000	High	left	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	138	16.25	1:1	1.210	19.40	
3750.00	650000	Low	left	0 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	270	0	16.72	1:1	1.150	20.09	
3750.00	650000	Low	left	0 mm	NR Band n77	F	Open	100	CP-OFDM	QPSK	1	1	16.22	1:1	1.310	19.03	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	271	16.23	1:1	1.600	18.17	
3750.00	650000	Low	back	0 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.325	24.05	
3750.00	650000	Low	front	0 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.303	24.36	
3750.00	650000	Low	top	0 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.009	39.63	
3750.00	650000	Low	right	0 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.386	23.30	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.709	19.55	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	14.81	1:1	0.339	23.49	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	14.81	1:1	0.334	23.55	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	14.81	1:1	0.012	38.00	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	14.81	1:1	0.568	21.25	
3750.00	650000	Low	back	0 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.83	1:1	0.075	30.06	
3750.00	650000	Low	front	0 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.83	1:1	0.067	30.55	
3750.00	650000	Low	bottom	0 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.83	1:1	0.013	37.67	
3750.00	650000	Low	left	0 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.83	1:1	0.059	31.10	

Table A-101
DSI = 0 P_{Limit} Calculations – DTS SISO Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	Peak SAR of Area Scan	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)	(W/kg)		
2462	11	back	0 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	2.760	-	-	21.70
2462	11	front	0 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	4.040	1.270	21.70	
2462	11	top	0 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	5.820	1.250	21.77	
2462	11	right	0 mm	802.11b	DSSS	2	Open	22	1	18.81	98.74	0.630	-	-	

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Table A-102
DSI = 0 P_{Limit} Calculations – DTS MIMO Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	Peak SAR of Area Scan W/kg	SAR (10g) (W/kg)	Plimit	Overall Plimit
MHz	Ch.															
2412	1	back	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	2.610	-	-	18.28
2412	1	front	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	3.670	-	-	
2412	1	top	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	6.580	1.640	20.69	
2412	1	right	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	0.757	-	-	
2412	1	left	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.91	19.00	98.90	12.000	2.860	18.28	

Table A-103
DSI = 0 P_{Limit} Calculations –NII MIMO Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Bandwidth [MHz]	Data Rate (Mbps)	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Duty Cycle (%)	SAR (10g) (W/kg)	Plimit	Overall Plimit	
MHz	Ch.															
5260	52	back	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.539	22.31	20.29	
5260	52	front	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.356	24.11		
5260	52	top	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.472	22.89		
5260	52	right	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.225	26.11		
5260	52	left	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.73	15.97	98.11	0.859	20.29		
5600	120	back	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.387	23.96		
5600	120	front	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.287	25.26		
5600	120	top	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.200	26.83		
5600	120	right	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.128	28.76		
5600	120	left	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.96	15.94	98.11	0.596	22.08		
5845	169	back	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.243	25.67		
5845	169	front	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.214	26.22		
5845	169	top	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.079	30.55		
5845	169	right	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.096	29.70		
5845	169	left	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.87	15.63	98.11	0.598	21.76		

Table A-104
DSI = 0 P_{Limit} Calculations – 6E WLAN MIMO Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Service	Bandwidth [MHz]	Conducted Power (Ant 1) [dBm]	Conducted Power (Ant 2) [dBm]	Spacing (mm)	Antenna Config.	Peak Number	Data Rate (Mbps)	Side	Duty Cycle (%)	SAR (10g) (W/kg)	Plimit (dBm)	Overall Plimit (dBm)	
MHz	Ch.															
6545.00	119	802.11ax	OFDM	80	11.99	11.67	0	MIMO	1	68.1	Back	99.70	0.037	29.95	22.95	
6545.00	119	802.11ax	OFDM	80	11.99	11.67	0	MIMO	2	68.1	Back	99.70	0.027	31.32		
6545.00	119	802.11ax	OFDM	80	11.99	11.67	0	MIMO	1	68.1	Front	99.70	0.098	25.72		
6545.00	119	802.11ax	OFDM	80	11.99	11.67	0	MIMO	2	68.1	Front	99.70	0.044	29.20		
6545.00	119	802.11ax	OFDM	80	11.99	11.67	0	MIMO	-	68.1	Top	99.70	0.082	26.50		
6545.00	119	802.11ax	OFDM	80	11.99	11.67	0	MIMO	-	68.1	Right	99.70	0.114	25.07		
6545.00	119	802.11ax	OFDM	80	11.99	11.67	0	MIMO	-	68.1	Left	99.70	0.054	28.31		
5985.00	7	802.11ax	OFDM	80	11.82	11.14	0	MIMO	-	68.1	Right	99.70	0.134	23.84		
6305.00	71	802.11ax	OFDM	80	11.98	10.69	0	MIMO	-	68.1	Right	99.70	0.148	22.95		
6785.00	167	802.11ax	OFDM	80	11.17	11.84	0	MIMO	-	68.1	Right	99.70	0.052	27.98		
7025.00	215	802.11ax	OFDM	80	10.03	11.93	0	MIMO	-	68.1	Right	99.70	0.032	28.94		

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Table A-105
DSI = 0 P_{Limit} Calculations – DSS Phablet SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Form Factor	Data Rate (Mbps)	Conducted Power [dBm]	Duty Cycle (%)	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
2441	39	back	0 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.138	27.84	20.87
2441	39	front	0 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.269	24.94	
2441	39	top	0 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.170	26.93	
2441	39	left	0 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.686	20.87	
2441	39	back	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.514	22.47	20.86
2441	39	front	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.744	20.86	
2402	0	front	0 mm	Bluetooth LE	DSSS	2	Open	1	18.29	85.05	0.046	34.94	
2441	39	top	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.639	21.52	
2441	39	right	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.138	28.18	

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