

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	31.83	1:8.3	0.122	31.77	31.77
824.20	128	Right	Tilt	GSM 850	GSM	A	Open	31.83	1:8.3	0.060	34.82	
824.20	128	Left	Cheek	GSM 850	GSM	A	Open	31.83	1:8.3	0.105	32.42	
824.20	128	Left	Tilt	GSM 850	GSM	A	Open	31.83	1:8.3	0.068	34.33	

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)		
1880.00	661	Right	Cheek	GSM 1900	GSM	A	Open	30.30	1:8.3	0.018	38.55	35.42
1880.00	661	Right	Tilt	GSM 1900	GSM	A	Open	30.30	1:8.3	0.007	42.65	
1880.00	661	Left	Cheek	GSM 1900	GSM	A	Open	30.30	1:8.3	0.037	35.42	
1880.00	661	Left	Tilt	GSM 1900	GSM	A	Open	30.30	1:8.3	0.013	39.96	

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	21.82	1:1	0.202	28.77	28.77
826.40	4132	Right	Tilt	UMTS 850	RMC	A	Open	21.82	1:1	0.107	31.53	
826.40	4132	Left	Cheek	UMTS 850	RMC	A	Open	21.82	1:1	0.178	29.32	
826.40	4132	Left	Tilt	UMTS 850	RMC	A	Open	21.82	1:1	0.109	31.45	

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	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	23.68	1:1	0.138	32.28	31.88
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	Open	10	QPSK	25	0	22.45	1:1	0.114	31.88	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	Open	10	QPSK	1	25	23.68	1:1	0.063	35.70	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	Open	10	QPSK	25	0	22.45	1:1	0.050	35.46	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	Open	10	QPSK	1	25	23.68	1:1	0.146	32.04	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	Open	10	QPSK	25	0	22.45	1:1	0.109	32.08	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	Open	10	QPSK	1	25	23.68	1:1	0.080	34.64	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	Open	10	QPSK	25	0	22.45	1:1	0.058	34.79	

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	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	24.71	1:1	0.170	32.41	31.76
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	Open	10	QPSK	25	12	23.37	1:1	0.145	31.76	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	Open	10	QPSK	1	0	24.71	1:1	0.094	34.99	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	Open	10	QPSK	25	12	23.37	1:1	0.072	34.81	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	Open	10	QPSK	1	0	24.71	1:1	0.163	32.59	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	Open	10	QPSK	25	12	23.37	1:1	0.119	32.61	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	Open	10	QPSK	1	0	24.71	1:1	0.104	34.54	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	Open	10	QPSK	25	12	23.37	1:1	0.070	34.91	

Table A-6
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	24.54	1:1	0.212	31.28	31.28
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	23.43	1:1	0.133	32.19	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.108	34.21	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	23.43	1:1	0.067	35.20	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.170	32.24	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	23.43	1:1	0.100	33.44	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.095	34.77	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	23.43	1:1	0.058	35.78	

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Table A-7
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	23.47	1:1	0.038	37.67	37.67
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	22.22	1:1	0.025	38.24	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	23.47	1:1	0.032	38.42	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	22.22	1:1	0.024	38.42	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	23.47	1:1	0.025	39.49	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	22.22	1:1	0.020	39.21	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	23.47	1:1	0.028	39.00	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	22.22	1:1	0.013	41.08	

Table A-8
DSI = 2 P_{Limit} Calculations – LTE Band 2 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)														
1860.00	18700	Low	Right	Cheek	LTE Band 2 (PCS)	A	Open	20	QPSK	1	50	23.89	1:1	0.029	39.27	37.26
1860.00	18700	Low	Right	Cheek	LTE Band 2 (PCS)	A	Open	20	QPSK	50	25	23.14	1:1	0.029	38.52	
1860.00	18700	Low	Right	Tilt	LTE Band 2 (PCS)	A	Open	20	QPSK	1	50	23.89	1:1	0.016	41.85	
1860.00	18700	Low	Right	Tilt	LTE Band 2 (PCS)	A	Open	20	QPSK	50	25	23.14	1:1	0.013	42.00	
1860.00	18700	Low	Left	Cheek	LTE Band 2 (PCS)	A	Open	20	QPSK	1	50	23.89	1:1	0.046	37.26	
1860.00	18700	Low	Left	Cheek	LTE Band 2 (PCS)	A	Open	20	QPSK	50	25	23.14	1:1	0.035	37.70	
1860.00	18700	Low	Left	Tilt	LTE Band 2 (PCS)	A	Open	20	QPSK	1	50	23.89	1:1	0.019	41.10	
1860.00	18700	Low	Left	Tilt	LTE Band 2 (PCS)	A	Open	20	QPSK	50	25	23.14	1:1	0.016	41.10	

Table A-9
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)														
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	B	Open	20	QPSK	1	0	23.36	1:1.58	0.016	39.33	36.79
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	B	Open	20	QPSK	50	25	22.58	1:1.58	0.012	39.80	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	B	Open	20	QPSK	1	0	23.36	1:1.58	0.020	38.37	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	B	Open	20	QPSK	50	25	22.58	1:1.58	0.017	38.29	
2636.50	41055	Mid-High	Left	Cheek	LTE Band 41	B	Open	20	QPSK	1	0	23.36	1:1.58	0.026	37.23	
2636.50	41055	Mid-High	Left	Cheek	LTE Band 41	B	Open	20	QPSK	50	25	22.58	1:1.58	0.024	36.79	
2636.50	41055	Mid-High	Left	Tilt	LTE Band 41	B	Open	20	QPSK	1	0	23.36	1:1.58	0.015	39.62	
2636.50	41055	Mid-High	Left	Tilt	LTE Band 41	B	Open	20	QPSK	50	25	22.58	1:1.58	0.012	39.80	

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Table A-10
DSI = 2 P_{Limit} Calculations – NR Band n5 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)			
836.50	167300	Mid	Right	Cheek	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.197	31.78	31.61
836.50	167300	Mid	Right	Cheek	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.191	31.69	
836.50	167300	Mid	Right	Cheek	NR Band n5	A	Open	20	CP-OFDM	QPSK	1	1	23.28	1:1	0.147	31.61	
836.50	167300	Mid	Right	Tilt	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.099	34.76	
836.50	167300	Mid	Right	Tilt	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.092	34.86	
836.50	167300	Mid	Left	Cheek	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.169	32.44	
836.50	167300	Mid	Left	Cheek	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.155	32.60	
836.50	167300	Mid	Left	Tilt	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.099	34.76	
836.50	167300	Mid	Left	Tilt	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.086	35.16	

Table A-11
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	108	22.82	1:1	0.006	45.04	45.04
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	22.84	1:1	0.000	62.84	
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	Open	40	CP-OFDM	QPSK	1	1	21.20	1:1	0.000	61.20	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	22.82	1:1	0.000	62.82	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	22.84	1:1	0.000	62.84	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	22.82	1:1	0.005	45.83	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	22.84	1:1	0.003	48.07	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	22.82	1:1	0.000	62.82	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	54	22.84	1:1	0.000	62.84	

Table A-12
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	14.08	1:1	0.187	21.36	15.01
2592.99	518598	Mid	Right	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	14.12	1:1	0.187	21.40	
2592.99	518598	Mid	Right	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	14.08	1:1	0.041	27.95	
2592.99	518598	Mid	Right	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	14.12	1:1	0.050	27.13	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	14.08	1:1	0.598	16.31	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	14.12	1:1	0.774	15.23	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	270	0	13.92	1:1	0.778	15.01	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	13.50	1:1	0.467	16.81	
2592.99	518598	Mid	Left	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	14.08	1:1	0.115	23.47	
2592.99	518598	Mid	Left	Tilt	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	14.12	1:1	0.125	23.15	

Table A-13
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)		
2437	6	Right	Cheek	802.11b	DSSS	2	Open	22	1	11.97	98.74	0.088	22.47	17.80
2437	6	Right	Tilt	802.11b	DSSS	2	Open	22	1	11.97	98.74	0.069	23.53	
2437	6	Left	Cheek	802.11b	DSSS	2	Open	22	1	11.97	98.74	0.258	17.80	
2437	6	Left	Tilt	802.11b	DSSS	2	Open	22	1	11.97	98.74	0.146	20.27	

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Table A-14
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	8.64	8.80	97.96	0.050	21.56	18.22
2462	11	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	8.64	8.80	97.96	0.041	22.42	
2462	11	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	8.64	8.80	97.96	0.108	18.22	
2462	11	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	8.64	8.80	97.96	0.066	20.36	

Table A-15
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	15.47	15.58	98.11	0.755	16.61	16.61
5300	60	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.93	15.55	98.11	0.743	16.76	
5320	64	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.679	17.21	
5320	64	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.507	18.48	
5320	64	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.283	21.01	
5320	64	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.220	22.10	
5500	100	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.534	18.18	
5600	120	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.74	15.35	98.11	0.560	17.79	
5720	144	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.47	15.61	98.11	0.407	19.29	
5500	100	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.391	19.54	
5500	100	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.250	21.48	
5500	100	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.242	21.62	
5785	157	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.444	19.27	
5785	157	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.307	20.88	
5785	157	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.231	22.11	
5785	157	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.286	21.18	
5845	169	Right	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.375	19.76	
5845	169	Right	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.246	21.59	
5845	169	Left	Cheek	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.335	20.25	
5845	169	Left	Tilt	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.267	21.23	

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Table A-16
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)		
7025.00	215	802.11ax	OFDM	80	11.66	11.98	Right	Cheek	MIMO	68.1	99.70	0.173	19.30	18.10
7025.00	215	802.11ax	OFDM	80	11.66	11.98	Right	Tilt	MIMO	68.1	99.70	0.145	20.00	
7025.00	215	802.11ax	OFDM	80	11.66	11.98	Left	Cheek	MIMO	68.1	99.70	0.065	23.50	
7025.00	215	802.11ax	OFDM	80	11.66	11.98	Left	Tilt	MIMO	68.1	99.70	0.054	24.30	
5985.00	7	802.11ax	OFDM	80	11.38	11.70	Right	Cheek	MIMO	68.1	99.70	0.097	21.50	
6305.00	71	802.11ax	OFDM	80	11.74	11.63	Right	Cheek	MIMO	68.1	99.70	0.223	18.10	
6545.00	119	802.11ax	OFDM	80	11.34	11.81	Right	Cheek	MIMO	68.1	99.70	0.100	21.30	
6785.00	167	802.11ax	OFDM	80	11.61	11.81	Right	Cheek	MIMO	68.1	99.70	0.027	27.30	

Table A-17
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)		
2440	19	Right	Cheek	Bluetooth LE	DSSS	1	Open	1	16.42	84.71	0.018	33.80	21.73
2441	39	Right	Cheek	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.289	21.73	
2441	39	Right	Tilt	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.200	23.33	
2441	39	Left	Cheek	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.068	28.01	
2441	39	Left	Tilt	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.068	28.01	
2441	39	Right	Cheek	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.168	24.43	20.41
2441	39	Right	Tilt	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.164	24.53	
2402	0	Left	Cheek	Bluetooth LE	DSSS	2	Open	1	18.29	85.05	0.024	34.39	
2441	39	Left	Cheek	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.424	20.41	
2441	39	Left	Tilt	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.255	22.61	

Table A-18
DSI = 0 P_{Limit} Calculations – GSM Body-Worn SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.									(W/kg)			
836.60	190	back	15 mm	GSM 850	GSM	A	Open	30.70	1:8.3	0.082	32.38	29.77	
836.60	190	back	15 mm	GSM 850	GSM	A	Closed	30.70	1:8.3	0.149	29.77		
1880.00	661	back	15 mm	GSM 1900	GSM	A	Open	27.07	1:8.3	0.099	27.91	27.91	
1880.00	661	back	15 mm	GSM 1900	GSM	A	Closed	27.07	1:8.3	0.023	34.25		

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Table A-19
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)		
826.40	4132	back	15 mm	UMTS 850	RMC	A	Open	24.12	1:1	0.177	31.64	29.74
826.40	4132	back	15 mm	UMTS 850	RMC	A	Closed	24.12	1:1	0.274	29.74	

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Table A-20
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)																
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.159	30.50	30.18		
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	25	12	22.33	1:1	0.164	30.18		30.18	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.51	1:1	0.119	31.75			30.18
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	25	12	22.33	1:1	0.119	31.57			
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.139	32.13	31.09		
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.32	1:1	0.145	31.71		31.09	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	1	0	23.56	1:1	0.163	31.44			31.09
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.32	1:1	0.167	31.09			
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.152	32.72	29.86		
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	23.43	1:1	0.117	32.75		29.86	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	24.54	1:1	0.294	29.86			29.86
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	0	23.43	1:1	0.141	31.94			
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.125	29.40	29.11		
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	50	20.11	1:1	0.126	29.11		29.11	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	20.37	1:1	0.059	32.66			29.11
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	20.11	1:1	0.060	32.33			
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	19.68	1:1	0.167	27.45	27.45		
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	50	19.63	1:1	0.160	27.59		27.45	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	99	19.68	1:1	0.013	38.54			27.45
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	50	19.63	1:1	0.012	38.84			
1860.00	18700	Low	back	15 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	1	99	19.37	1:1	0.133	28.13	28.12		
1860.00	18700	Low	back	15 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.136	28.12		28.12	
1860.00	18700	Low	back	15 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	1	99	19.37	1:1	0.034	34.06			28.12
1860.00	18700	Low	back	15 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	50	50	19.46	1:1	0.033	34.27			
1900.00	19100	High	back	15 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	99	19.36	1:1	0.147	27.69	27.59		
1900.00	19100	High	back	15 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	19.47	1:1	0.154	27.59		27.59	
1900.00	19100	High	back	15 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	1	99	19.36	1:1	0.025	35.38			27.59
1900.00	19100	High	back	15 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	50	25	19.47	1:1	0.027	35.16			
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Open	20	QPSK	1	0	21.61	1:1.58	0.062	31.70	31.70		
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Open	20	QPSK	50	0	21.71	1:1.58	0.050	32.74		31.70	
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Closed	20	QPSK	1	0	21.61	1:1.58	0.033	34.44			31.70
2636.50	41055	Mid-High	back	15 mm	LTE Band 41	B	Closed	20	QPSK	50	0	21.71	1:1.58	0.030	34.95			
2680.00	41490	High	back	15 mm	LTE Band 41	I	Open	20	QPSK	1	0	19.96	1:1.58	0.106	27.72	27.72		
2680.00	41490	High	back	15 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.12	1:1.58	0.106	27.88		27.72	
2680.00	41490	High	back	15 mm	LTE Band 41	I	Closed	20	QPSK	1	0	19.96	1:1.58	0.035	32.54			27.72
2680.00	41490	High	back	15 mm	LTE Band 41	I	Closed	20	QPSK	50	0	20.12	1:1.58	0.035	32.70			

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Table A-21
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)			
836.50	167300	Mid	back	15 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.189	31.96	31.90
836.50	167300	Mid	back	15 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.182	31.90	
836.50	167300	Mid	back	15 mm	NR Band n5	A	Open	20	CP-OFDM	QPSK	1	1	23.28	1:1	0.136	31.95	
836.50	167300	Mid	back	15 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.345	29.34	
836.50	167300	Mid	back	15 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.322	29.42	
836.50	167300	Mid	back	15 mm	NR Band n5	A	Closed	20	CP-OFDM	QPSK	1	1	23.28	1:1	0.247	29.35	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.124	28.81	28.49
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.135	28.49	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Open	40	CP-OFDM	QPSK	1	1	19.75	1:1	0.120	28.96	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.009	40.20	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.009	40.25	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	Closed	40	CP-OFDM	QPSK	1	1	19.75	1:1	0.009	40.21	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	214	19.58	1:1	0.076	30.77	30.22
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	54	19.65	1:1	0.078	30.73	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Open	40	CP-OFDM	QPSK	1	1	19.14	1:1	0.078	30.22	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	214	19.58	1:1	0.007	41.13	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	54	19.65	1:1	0.009	40.11	
1745.00	349000	Mid	back	15 mm	NR Band n66	I	Closed	40	CP-OFDM	QPSK	1	1	19.14	1:1	0.007	40.69	

Table A-22
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)			
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	18.52	1:1	0.111	28.07	27.66
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	18.63	1:1	0.125	27.66	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	18.03	1:1	0.079	29.05	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	137	18.52	1:1	0.043	32.19	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	18.63	1:1	0.045	32.10	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	CP-OFDM	QPSK	1	1	18.03	1:1	0.029	33.41	

Table A-23
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)		
2412	1	back	15 mm	2	Open	22	1	18.95	98.74	0.031	33.98	33.98
2412	1	back	15 mm	2	Closed	22	1	18.95	98.74	0.015	37.13	

Table A-24
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)		
2437	6	back	15 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	18.96	98.90	0.082	29.77	29.77
2437	6	back	15 mm	802.11b	DSSS	MIMO	Closed	22	1	18.14	18.96	98.90	0.031	34.00	

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Table A-25
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)		
5320	64	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.126	24.52	24.52
5320	64	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.88	15.61	98.11	0.006	37.75	
5500	100	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.087	26.06	
5500	100	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.54	15.68	98.11	0.002	42.45	
5785	157	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.079	26.77	
5785	157	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.89	15.83	98.11	0.007	37.30	
5845	169	back	15 mm	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.058	27.86	
5845	169	back	15 mm	802.11n	OFDM	MIMO	Closed	20	13	15.58	15.69	98.11	0.006	37.72	

Table A-26
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.	Data Rate (Mbps)	Form Factor	Side	Duty Cycle (%)	SAR (1g)	Plimit (dBm)	Overall Plimit (dBm)
MHz	Ch.												(W/kg)		
7025.00	215	802.11ax	OFDM	80	11.66	11.98	15	MIMO	68.1	Open	Back	99.70	0.040	25.60	25.60
7025.00	215	802.11ax	OFDM	80	11.66	11.98	15	MIMO	68.1	Closed	Back	99.70	0.002	38.60	

Table A-27
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	0.031	31.42	31.42	
2441	39	back	15 mm	Bluetooth	FHSS	1	Closed	1	16.40	76.85	0.010	36.34		
2441	39	back	15 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.017	34.37	34.37	
2441	39	back	15 mm	Bluetooth	FHSS	2	Closed	1	16.74	76.90	0.006	38.90		

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Table A-28
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	24.25	1:2.076	0.131	29.90	26.68
824.20	128	front	10 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.085	31.80	
824.20	128	bottom	10 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.071	32.58	
824.20	128	right	10 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.093	31.37	
824.20	128	left	10 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.097	31.22	
824.20	128	back	5 mm	GSM 850	GPRS	A	Closed	4	24.25	1:2.076	0.275	26.68	
824.20	128	front	5 mm	GSM 850	GPRS	A	Closed	4	24.25	1:2.076	0.050	34.12	
824.20	128	bottom	5 mm	GSM 850	GPRS	A	Closed	4	24.25	1:2.076	0.059	33.35	
824.20	128	right	5 mm	GSM 850	GPRS	A	Closed	4	24.25	1:2.076	0.038	35.25	
824.20	128	left	5 mm	GSM 850	GPRS	A	Closed	4	24.25	1:2.076	0.065	32.95	
1880.00	661	back	10 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.203	24.54	22.71
1880.00	661	front	10 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.168	25.37	
1880.00	661	bottom	10 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.310	22.71	
1880.00	661	right	10 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.019	34.83	
1880.00	661	left	10 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.035	32.18	
1880.00	661	back	5 mm	GSM 1900	GPRS	A	Closed	4	20.80	1:2.076	0.085	28.33	
1880.00	661	front	5 mm	GSM 1900	GPRS	A	Closed	4	20.80	1:2.076	0.121	26.79	
1880.00	661	bottom	5 mm	GSM 1900	GPRS	A	Closed	4	20.80	1:2.076	0.222	24.16	
1880.00	661	right	5 mm	GSM 1900	GPRS	A	Closed	4	20.80	1:2.076	0.004	41.60	
1880.00	661	left	5 mm	GSM 1900	GPRS	A	Closed	4	20.80	1:2.076	0.006	39.84	

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Table A-29
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	24.12	1:1	0.374	28.39	24.81
826.40	4132	front	10 mm	UMTS 850	RMC	A	Open	24.12	1:1	0.205	31.00	
826.40	4132	bottom	10 mm	UMTS 850	RMC	A	Open	24.12	1:1	0.118	33.40	
826.40	4132	right	10 mm	UMTS 850	RMC	A	Open	24.12	1:1	0.218	30.74	
826.40	4132	left	10 mm	UMTS 850	RMC	A	Open	24.12	1:1	0.116	33.48	
826.40	4132	back	5 mm	UMTS 850	RMC	A	Closed	24.12	1:1	0.798	25.10	
836.60	4183	back	5 mm	UMTS 850	RMC	A	Closed	23.99	1:1	0.800	24.96	
846.60	4233	back	5 mm	UMTS 850	RMC	A	Closed	23.91	1:1	0.813	24.81	
826.40	4132	front	5 mm	UMTS 850	RMC	A	Closed	24.12	1:1	0.123	33.22	
826.40	4132	bottom	5 mm	UMTS 850	RMC	A	Closed	24.12	1:1	0.203	31.05	
826.40	4132	right	5 mm	UMTS 850	RMC	A	Closed	24.12	1:1	0.111	33.67	
826.40	4132	left	5 mm	UMTS 850	RMC	A	Closed	24.12	1:1	0.161	32.05	

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Table A-30
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.	(W/kg)														
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.156	30.58	26.29
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	22.33	1:1	0.172	29.97	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.158	30.52	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	22.33	1:1	0.159	30.32	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.029	37.83	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	22.33	1:1	0.031	37.49	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.180	29.96	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	22.33	1:1	0.182	29.73	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.189	29.75	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	22.33	1:1	0.194	29.45	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.51	1:1	0.393	26.57	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	22.33	1:1	0.402	26.29	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.51	1:1	0.116	31.87	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	22.33	1:1	0.118	31.61	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.51	1:1	0.095	32.72	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	22.33	1:1	0.097	32.46	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.51	1:1	0.037	36.86	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	22.33	1:1	0.037	36.64	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	1	25	22.51	1:1	0.077	33.63	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	22.33	1:1	0.078	33.43	

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Table A-31
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	0	23.56	1:1	0.206	30.42	26.46
782.00	23230	Mid	back	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.32	1:1	0.210	30.10	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.151	31.77	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.32	1:1	0.155	31.42	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.077	34.68	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.32	1:1	0.077	34.48	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.179	31.03	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.32	1:1	0.183	30.70	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.074	34.86	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.32	1:1	0.081	34.22	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	23.56	1:1	0.489	26.67	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.32	1:1	0.485	26.46	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	23.56	1:1	0.170	31.26	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.32	1:1	0.179	30.79	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	23.56	1:1	0.130	32.42	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.32	1:1	0.130	32.18	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	23.56	1:1	0.047	36.89	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.32	1:1	0.047	36.65	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	1	0	23.56	1:1	0.095	33.79	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.32	1:1	0.097	33.47	

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Table A-32
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	22.79	1:1	0.243	28.93	25.71
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	22.63	1:1	0.210	29.41	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.79	1:1	0.130	31.65	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	22.63	1:1	0.119	31.87	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.79	1:1	0.068	34.45	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	22.63	1:1	0.062	34.72	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.79	1:1	0.132	31.58	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	22.63	1:1	0.133	31.39	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	22.79	1:1	0.084	33.53	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	22.63	1:1	0.083	33.43	
836.50	20525	Mid	back	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.79	1:1	0.503	25.77	
836.50	20525	Mid	back	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	0	22.63	1:1	0.492	25.71	
836.50	20525	Mid	front	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.79	1:1	0.093	33.10	
836.50	20525	Mid	front	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	0	22.63	1:1	0.091	33.03	
836.50	20525	Mid	bottom	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.79	1:1	0.132	31.58	
836.50	20525	Mid	bottom	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	0	22.63	1:1	0.131	31.46	
836.50	20525	Mid	right	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.79	1:1	0.064	34.70	
836.50	20525	Mid	right	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	0	22.63	1:1	0.064	34.57	
836.50	20525	Mid	left	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	22.79	1:1	0.096	32.99	
836.50	20525	Mid	left	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	0	22.63	1:1	0.091	33.05	

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Table A-33
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)	P _{limit}	Overall P _{limit}	
MHz	Ch.												(W/kg)			
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.248	26.43	21.32
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	50	20.11	1:1	0.277	25.69	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.208	27.19	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	50	20.11	1:1	0.210	26.89	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.394	24.42	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	50	20.11	1:1	0.411	23.97	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.024	36.57	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	50	20.11	1:1	0.029	35.49	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.046	33.74	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	50	20.11	1:1	0.045	33.58	
1720.00	132072	Low	back	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	20.37	1:1	0.390	24.46	
1720.00	132072	Low	back	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	20.11	1:1	0.398	24.11	
1720.00	132072	Low	front	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	20.37	1:1	0.063	32.38	
1720.00	132072	Low	front	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	20.11	1:1	0.064	32.05	
1720.00	132072	Low	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	20.37	1:1	0.642	22.29	
1745.00	132322	Mid	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	99	19.88	1:1	0.661	21.68	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	99	20.06	1:1	0.702	21.60	
1720.00	132072	Low	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	20.11	1:1	0.653	21.96	
1745.00	132322	Mid	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	0	19.80	1:1	0.672	21.53	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	20.01	1:1	0.740	21.32	
1720.00	132072	Low	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	100	0	19.93	1:1	0.655	21.77	
1720.00	132072	Low	right	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	20.37	1:1	0.008	41.34	
1720.00	132072	Low	right	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	20.11	1:1	0.007	41.66	
1720.00	132072	Low	left	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	0	20.37	1:1	0.078	31.45	
1720.00	132072	Low	left	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	20.11	1:1	0.082	30.97	
1745.00	132322	Mid	back	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	17.51	1:1	0.209	24.31	21.56
1745.00	132322	Mid	back	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.56	1:1	0.197	24.62	
1745.00	132322	Mid	front	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	17.51	1:1	0.225	23.99	
1745.00	132322	Mid	front	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.56	1:1	0.215	24.24	
1745.00	132322	Mid	top	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	17.51	1:1	0.041	31.38	
1745.00	132322	Mid	top	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.56	1:1	0.040	31.54	
1745.00	132322	Mid	right	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	17.51	1:1	0.310	22.60	
1745.00	132322	Mid	right	10 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	17.56	1:1	0.294	22.88	
1745.00	132322	Mid	back	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	99	17.51	1:1	0.039	31.60	
1745.00	132322	Mid	back	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.56	1:1	0.038	31.76	
1745.00	132322	Mid	front	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	99	17.51	1:1	0.248	23.57	
1745.00	132322	Mid	front	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.56	1:1	0.233	23.89	
1745.00	132322	Mid	top	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	99	17.51	1:1	0.019	34.72	
1745.00	132322	Mid	top	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.56	1:1	0.021	34.34	
1745.00	132322	Mid	bottom	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	99	17.51	1:1	0.068	29.18	
1745.00	132322	Mid	bottom	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.56	1:1	0.067	29.30	
1745.00	132322	Mid	right	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	1	99	17.51	1:1	0.394	21.56	
1745.00	132322	Mid	right	5 mm	LTE Band 66 (AWS)	I	Closed	20	QPSK	50	25	17.56	1:1	0.385	21.71	

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Table A-34
DSI = 3 P_{Limit} Calculations – LTE Band 2 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)														
1860.00	18700	Low	back	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	1	99	19.37	1:1	0.281	24.88	23.08
1860.00	18700	Low	back	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.286	24.90	
1860.00	18700	Low	front	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	1	99	19.37	1:1	0.177	26.89	
1860.00	18700	Low	front	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.181	26.88	
1860.00	18700	Low	bottom	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	1	99	19.37	1:1	0.426	23.08	
1860.00	18700	Low	bottom	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.429	23.14	
1860.00	18700	Low	right	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	1	99	19.37	1:1	0.029	34.75	
1860.00	18700	Low	right	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.029	34.84	
1860.00	18700	Low	left	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	1	99	19.37	1:1	0.046	32.74	
1860.00	18700	Low	left	10 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.048	32.65	
1860.00	18700	Low	back	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	1	99	19.37	1:1	0.170	27.07	
1860.00	18700	Low	back	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	50	50	19.46	1:1	0.165	27.29	
1860.00	18700	Low	front	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	1	99	19.37	1:1	0.263	25.17	
1860.00	18700	Low	front	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	50	50	19.46	1:1	0.286	24.90	
1860.00	18700	Low	bottom	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	1	99	19.37	1:1	0.350	23.93	
1860.00	18700	Low	bottom	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	50	50	19.46	1:1	0.374	23.73	
1860.00	18700	Low	right	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	1	99	19.37	1:1	0.016	37.33	
1860.00	18700	Low	right	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	50	50	19.46	1:1	0.013	38.32	
1860.00	18700	Low	left	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	1	99	19.37	1:1	0.020	36.36	
1860.00	18700	Low	left	5 mm	LTE Band 2 (PCS)	A	Closed	20	QPSK	50	50	19.46	1:1	0.022	36.04	
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	99	16.29	1:1	0.126	25.29	18.80
1900.00	19100	High	back	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	16.28	1:1	0.143	24.73	
1900.00	19100	High	front	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	99	16.29	1:1	0.117	25.61	
1900.00	19100	High	front	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	16.28	1:1	0.120	25.49	
1900.00	19100	High	top	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	99	16.29	1:1	0.042	30.06	
1900.00	19100	High	top	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	16.28	1:1	0.042	30.05	
1900.00	19100	High	right	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	99	16.29	1:1	0.278	21.85	
1900.00	19100	High	right	10 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	16.28	1:1	0.288	21.69	
1900.00	19100	High	back	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	1	99	16.29	1:1	0.024	32.49	
1900.00	19100	High	back	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	50	25	16.28	1:1	0.022	32.86	
1900.00	19100	High	front	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	1	99	16.29	1:1	0.249	22.33	
1900.00	19100	High	front	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	50	25	16.28	1:1	0.261	22.11	
1900.00	19100	High	top	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	1	99	16.29	1:1	0.005	39.30	
1900.00	19100	High	top	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	50	25	16.28	1:1	0.007	37.83	
1900.00	19100	High	bottom	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	1	99	16.29	1:1	0.066	28.09	
1900.00	19100	High	bottom	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	50	25	16.28	1:1	0.065	28.15	
1900.00	19100	High	right	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	1	99	16.29	1:1	0.537	18.99	
1900.00	19100	High	right	5 mm	LTE Band 2 (PCS)	I	Closed	20	QPSK	50	25	16.28	1:1	0.560	18.80	

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Table A-35
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)														
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	Open	20	QPSK	1	99	18.66	1:1.58	0.040	30.66	25.12
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	Open	20	QPSK	50	50	18.79	1:1.58	0.042	30.57	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	Open	20	QPSK	1	99	18.66	1:1.58	0.032	31.62	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	Open	20	QPSK	50	50	18.79	1:1.58	0.033	31.62	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	1	99	18.66	1:1.58	0.085	27.38	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	50	50	18.79	1:1.58	0.085	27.51	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	Open	20	QPSK	1	99	18.66	1:1.58	0.037	30.99	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	Open	20	QPSK	50	50	18.79	1:1.58	0.036	31.24	
2593.00	40620	Mid	back	5 mm	LTE Band 41	B	Closed	20	QPSK	1	99	18.66	1:1.58	0.130	25.54	
2593.00	40620	Mid	back	5 mm	LTE Band 41	B	Closed	20	QPSK	50	50	18.79	1:1.58	0.131	25.63	
2593.00	40620	Mid	front	5 mm	LTE Band 41	B	Closed	20	QPSK	1	99	18.66	1:1.58	0.009	37.13	
2593.00	40620	Mid	front	5 mm	LTE Band 41	B	Closed	20	QPSK	50	50	18.79	1:1.58	0.004	40.79	
2593.00	40620	Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	99	18.66	1:1.58	0.143	25.12	
2593.00	40620	Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	50	18.79	1:1.58	0.142	25.28	
2593.00	40620	Mid	left	5 mm	LTE Band 41	B	Closed	20	QPSK	1	99	18.66	1:1.58	0.109	26.30	
2593.00	40620	Mid	left	5 mm	LTE Band 41	B	Closed	20	QPSK	50	50	18.79	1:1.58	0.090	27.26	

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Table A-36
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)	P _{limit}	Overall P _{limit}
MHz	Ch.													(W/kg)		
2680.00	41490	High	back	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	17.95	1:1.58	0.154	24.09	17.53
2680.00	41490	High	back	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	18.06	1:1.58	0.156	24.14	
2680.00	41490	High	front	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	17.95	1:1.58	0.153	24.12	
2680.00	41490	High	front	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	18.06	1:1.58	0.157	24.12	
2680.00	41490	High	top	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	17.95	1:1.58	0.067	27.71	
2680.00	41490	High	top	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	18.06	1:1.58	0.066	27.88	
2680.00	41490	High	right	10 mm	LTE Band 41	I	Open	20	QPSK	1	0	17.95	1:1.58	0.304	21.14	
2680.00	41490	High	right	10 mm	LTE Band 41	I	Open	20	QPSK	50	0	18.06	1:1.58	0.303	21.26	
2680.00	41490	High	back	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	17.95	1:1.58	0.235	22.26	
2680.00	41490	High	back	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	18.06	1:1.58	0.230	22.46	
2506.00	39750	Low	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	17.84	1:1.58	0.397	19.87	
2549.50	40185	Low-Mid	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	17.84	1:1.58	0.494	18.92	
2593.00	40620	Mid	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	17.89	1:1.58	0.424	19.63	
2636.50	41055	Mid-High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	17.88	1:1.58	0.445	19.41	
2680.00	41490	High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	17.95	1:1.58	0.518	18.82	
2506.00	39750	Low	front	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	18.03	1:1.58	0.411	19.91	
2549.50	40185	Low-Mid	front	5 mm	LTE Band 41	I	Closed	20	QPSK	50	50	17.93	1:1.58	0.335	20.70	
2593.00	40620	Mid	front	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	18.03	1:1.58	0.410	19.92	
2636.50	41055	Mid-High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	18.05	1:1.58	0.470	19.35	
2680.00	41490	High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	18.06	1:1.58	0.508	19.02	
2680.00	41490	High	front	5 mm	LTE Band 41	I	Closed	20	QPSK	100	0	17.93	1:1.58	0.511	18.86	
2680.00	41490	High	top	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	17.95	1:1.58	0.032	30.91	
2680.00	41490	High	top	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	18.06	1:1.58	0.031	31.16	
2680.00	41490	High	bottom	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	17.95	1:1.58	0.101	25.92	
2680.00	41490	High	bottom	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	18.06	1:1.58	0.100	26.08	
2506.00	39750	Low	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	17.84	1:1.58	0.451	19.31	
2549.50	40185	Low-Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	17.84	1:1.58	0.473	19.11	
2593.00	40620	Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	50	17.89	1:1.58	0.587	18.22	
2636.50	41055	Mid-High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	17.88	1:1.58	0.686	17.53	
2680.00	41490	High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	1	0	17.95	1:1.58	0.565	18.45	
2506.00	39750	Low	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	18.03	1:1.58	0.471	19.32	
2549.50	40185	Low-Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	50	17.93	1:1.58	0.543	18.60	
2593.00	40620	Mid	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	18.03	1:1.58	0.602	18.25	
2636.50	41055	Mid-High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	25	18.05	1:1.58	0.689	17.68	
2680.00	41490	High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	50	0	18.06	1:1.58	0.572	18.50	
2680.00	41490	High	right	5 mm	LTE Band 41	I	Closed	20	QPSK	100	0	17.93	1:1.58	0.585	18.27	

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Table A-37
DSI = 3 P_{Limit} Calculations – NR Band n5 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)			
836.50	167300	Mid	back	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.321	29.66	25.50
836.50	167300	Mid	back	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.316	29.50	
836.50	167300	Mid	back	10 mm	NR Band n5	A	Open	20	CP-OFDM	QPSK	1	1	23.28	1:1	0.244	29.41	
836.50	167300	Mid	front	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.200	31.71	
836.50	167300	Mid	front	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.179	31.97	
836.50	167300	Mid	bottom	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.105	34.51	
836.50	167300	Mid	bottom	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.103	34.37	
836.50	167300	Mid	right	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.243	30.86	
836.50	167300	Mid	right	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.228	30.92	
836.50	167300	Mid	left	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.179	32.19	
836.50	167300	Mid	left	10 mm	NR Band n5	A	Open	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.162	32.41	
836.50	167300	Mid	back	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.836	25.50	
836.50	167300	Mid	back	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.761	25.69	
836.50	167300	Mid	back	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	100	0	23.55	1:1	0.609	25.70	
836.50	167300	Mid	back	5 mm	NR Band n5	A	Closed	20	CP-OFDM	QPSK	1	1	23.28	1:1	0.580	25.65	
836.50	167300	Mid	front	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.181	32.14	
836.50	167300	Mid	front	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.169	32.22	
836.50	167300	Mid	bottom	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.183	32.10	
836.50	167300	Mid	bottom	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.177	32.02	
836.50	167300	Mid	right	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.088	35.28	
836.50	167300	Mid	right	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.084	35.26	
836.50	167300	Mid	left	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	1	1	24.72	1:1	0.152	32.90	
836.50	167300	Mid	left	5 mm	NR Band n5	A	Closed	20	DFT-S-OFDM	QPSK	50	28	24.50	1:1	0.141	33.01	

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Table A-38
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 [μ Bm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	back	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.251	25.74	21.36
1745.00	349000	Mid	back	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.270	25.48	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.194	26.86	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.194	26.91	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.388	23.85	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.412	23.64	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	Open	40	CP-OFDM	QPSK	1	1	19.75	1:1	0.394	23.80	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.012	38.95	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.014	38.33	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.012	38.95	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	Open	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.011	39.38	
1745.00	349000	Mid	back	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.441	23.30	
1745.00	349000	Mid	back	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.435	23.41	
1745.00	349000	Mid	front	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.209	26.54	
1745.00	349000	Mid	front	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.236	26.06	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.665	21.51	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.696	21.36	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	216	0	19.71	1:1	0.682	21.37	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	A	Closed	40	CP-OFDM	QPSK	1	1	19.75	1:1	0.641	21.68	
1745.00	349000	Mid	right	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.406	23.66	
1745.00	349000	Mid	right	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.448	23.28	
1745.00	349000	Mid	left	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	1	108	19.74	1:1	0.017	37.44	
1745.00	349000	Mid	left	5 mm	NR Band n66	A	Closed	40	DFT-S-OFDM	QPSK	108	108	19.79	1:1	0.016	37.75	
1745.00	349000	Mid	back	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.093	27.98	
1745.00	349000	Mid	back	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.094	28.01	
1745.00	349000	Mid	front	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.101	27.62	
1745.00	349000	Mid	front	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.107	27.45	
1745.00	349000	Mid	top	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.014	36.20	
1745.00	349000	Mid	top	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.014	36.28	
1745.00	349000	Mid	right	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.193	24.80	
1745.00	349000	Mid	right	10 mm	NR Band n66	I	Open	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.194	24.86	
1745.00	349000	Mid	right	10 mm	NR Band n66	I	Open	40	CP-OFDM	QPSK	1	1	17.42	1:1	0.174	25.02	
1745.00	349000	Mid	back	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.011	37.25	
1745.00	349000	Mid	back	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.013	36.60	
1745.00	349000	Mid	front	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.182	25.06	
1745.00	349000	Mid	front	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.191	24.93	
1745.00	349000	Mid	top	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.014	36.20	
1745.00	349000	Mid	top	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.013	36.60	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.011	37.25	
1745.00	349000	Mid	bottom	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.011	37.33	
1745.00	349000	Mid	right	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	1	108	17.66	1:1	0.283	23.14	
1745.00	349000	Mid	right	5 mm	NR Band n66	I	Closed	40	DFT-S-OFDM	QPSK	108	54	17.74	1:1	0.289	23.13	
1745.00	349000	Mid	right	5 mm	NR Band n66	I	Closed	40	CP-OFDM	QPSK	1	1	17.42	1:1	0.236	23.69	

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Table A-39
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	16.50	1:1	0.147	24.83	22.43
2592.99	518598	Mid	back	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.165	24.36	
2592.99	518598	Mid	front	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.171	24.17	
2592.99	518598	Mid	front	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.194	23.65	
2592.99	518598	Mid	top	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.027	32.19	
2592.99	518598	Mid	top	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.030	31.76	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.234	22.81	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.257	22.43	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	15.97	1:1	0.172	23.62	
2592.99	518598	Mid	back	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.117	25.82	
2592.99	518598	Mid	back	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.137	25.16	
2592.99	518598	Mid	front	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.292	21.85	
2592.99	518598	Mid	front	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.294	21.85	
2592.99	518598	Mid	top	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.026	32.35	
2592.99	518598	Mid	top	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.025	32.55	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.058	28.87	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.061	28.68	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	137	16.50	1:1	0.482	19.67	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	16.53	1:1	0.495	19.58	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	CP-OFDM	QPSK	1	1	15.97	1:1	0.385	20.12	

Table A-40
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)	Scaling Factor (Power)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)			
2412	1	back	10 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.066	1.012	30.70	26.09
2412	1	front	10 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.099	1.012	28.94	
2412	1	top	10 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.059	1.012	31.19	
2412	1	right	10 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.043	1.012	32.56	
2412	1	back	5 mm	802.11b	DSSS	2	Closed	22	1	18.95	98.74	0.041	1.012	32.77	
2412	1	front	5 mm	802.11b	DSSS	2	Closed	22	1	18.95	98.74	0.181	1.012	26.32	
2412	1	bottom	5 mm	802.11b	DSSS	2	Closed	22	1	18.95	98.74	0.191	1.012	26.09	
2412	1	right	5 mm	802.11b	DSSS	2	Closed	22	1	18.95	98.74	0.114	1.012	28.33	

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Table A-41
DSI = 3 P_{Limit} Calculations – DTS 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)		
2437	6	back	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	18.96	98.90	0.140	26.63	20.10
2437	6	front	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	18.96	98.90	0.199	25.10	
2437	6	top	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	18.96	98.90	0.335	22.84	
2437	6	right	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	18.96	98.90	0.111	27.64	
2437	6	left	10 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	18.96	98.90	0.188	25.35	
2437	6	back	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.14	18.96	98.90	0.107	27.80	
2437	6	front	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.14	18.96	98.90	0.345	22.71	
2412	1	bottom	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.31	18.73	98.90	0.529	21.03	
2437	6	bottom	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.14	18.96	98.90	0.630	20.10	
2462	11	bottom	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.13	18.74	98.90	0.538	20.77	
2437	6	right	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.14	18.96	98.90	0.186	25.40	
2437	6	left	5 mm	802.11b	DSSS	MIMO	Closed	22	1	18.14	18.96	98.90	0.510	21.02	

Table A-42
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]	Duty Cycle (%)	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.										(W/kg)			
2441	39	back	10 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.058	28.70	22.30	
2441	39	front	10 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.035	30.90		
2441	39	top	10 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.026	32.19		
2440	19	left	10 mm	Bluetooth LE	DSSS	1	Open	1	16.42	84.71	0.008	37.32		
2441	39	left	10 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.073	27.70		
2441	39	back	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	76.85	0.032	31.28		
2441	39	front	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	76.85	0.136	25.00		
2441	39	bottom	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	76.85	0.087	26.94		
2440	19	left	5 mm	Bluetooth LE	DSSS	1	Closed	1	16.42	84.71	0.030	31.58		
2441	39	left	5 mm	Bluetooth	FHSS	1	Closed	1	16.40	76.85	0.253	22.30		

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Table A-43
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	4	24.25	1:2.076	0.309	30.15	30.15
824.20	128	front	0 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.306	30.19	
824.20	128	bottom	0 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.123	34.15	
824.20	128	right	0 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.236	31.32	
824.20	128	left	0 mm	GSM 850	GPRS	A	Open	4	24.25	1:2.076	0.164	32.90	
1880.00	661	back	0 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.496	24.64	24.64
1880.00	661	front	0 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.441	25.15	
1880.00	661	bottom	0 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.260	27.45	
1880.00	661	right	0 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.039	35.69	
1880.00	661	left	0 mm	GSM 1900	GPRS	A	Open	4	20.80	1:2.076	0.067	33.34	

Table A-44
DSI = 0 P_{Limit} Calculations – UMTS Phablet SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	SAR (10g)	Plimit	Overall Plimit		
MHz	Ch.								(W/kg)				
826.40	4132	back	0 mm	UMTS 850	RMC	A	Open	24.12	0.864	28.73	28.73		
826.40	4132	front	0 mm	UMTS 850	RMC	A	Open	24.12	0.667	29.86			
826.40	4132	bottom	0 mm	UMTS 850	RMC	A	Open	24.12	0.455	31.52			
826.40	4132	right	0 mm	UMTS 850	RMC	A	Open	24.12	0.539	30.78			
826.40	4132	left	0 mm	UMTS 850	RMC	A	Open	24.12	0.475	31.33			

Table A-45
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	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.509	29.42	29.42
707.50	23095	Mid	front	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.359	30.94	
707.50	23095	Mid	bottom	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.237	32.74	
707.50	23095	Mid	right	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.127	35.45	
707.50	23095	Mid	left	LTE Band 12	A	Open	10	QPSK	1	25	22.51	1:1	0.381	30.68	

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Table A-46
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	0	23.56	1:1	0.449	31.02	31.02
782.00	23230	Mid	front	0 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.361	31.96	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.244	33.67	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.313	32.58	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	Open	10	QPSK	1	0	23.56	1:1	0.247	33.61	

Table A-47
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	24.54	1:1	0.578	30.90	30.90
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.497	31.56	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.313	33.56	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.404	32.46	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.54	1:1	0.332	33.31	

Table A-48
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	20.37	1:1	0.824	25.19	24.36
1720.00	132072	Low	front	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.707	25.86	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.997	24.36	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.047	37.63	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	0	20.37	1:1	0.066	36.15	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	19.68	1:1	1.710	21.33	21.11
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	99	19.51	1:1	1.590	21.48	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	1	50	19.19	1:1	1.510	21.38	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	50	19.63	1:1	1.750	21.18	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	19.51	1:1	1.600	21.45	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	50	25	19.36	1:1	1.600	21.30	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	I	Open	20	QPSK	100	0	19.61	1:1	1.770	21.11	

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Table A-49
DSI = 0 P_{Limit} Calculations – LTE Band 2 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)														
1860.00	18700	Low	back	0 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.665	25.21	25.21
1860.00	18700	Low	front	0 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.629	25.45	
1860.00	18700	Low	bottom	0 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	1	99	19.37	1:1	0.356	27.83	
1860.00	18700	Low	bottom	0 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.371	27.75	
1860.00	18700	Low	right	0 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.062	35.52	
1860.00	18700	Low	left	0 mm	LTE Band 2 (PCS)	A	Open	20	QPSK	50	50	19.46	1:1	0.099	33.48	
1900.00	19100	High	back	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	19.47	1:1	1.190	22.69	20.99
1900.00	19100	High	front	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	19.47	1:1	1.300	22.31	
1900.00	19100	High	top	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	19.47	1:1	0.098	33.54	
1860.00	18700	Low	right	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	99	19.14	1:1	1.590	21.11	
1880.00	18900	Mid	right	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	0	19.35	1:1	1.520	21.51	
1900.00	19100	High	right	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	1	99	19.36	1:1	1.370	21.97	
1860.00	18700	Low	right	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	19.25	1:1	1.520	21.41	
1880.00	18900	Mid	right	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	19.26	1:1	1.680	20.99	
1900.00	19100	High	right	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	50	25	19.47	1:1	1.340	22.18	
1900.00	19100	High	right	0 mm	LTE Band 2 (PCS)	I	Open	20	QPSK	100	0	19.35	1:1	1.650	21.15	

Table A-50
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)														
2636.50	41055	Mid-High	back	0 mm	LTE Band 41	B	Open	20	QPSK	50	0	21.71	1:1.58	0.689	25.32	25.32
2636.50	41055	Mid-High	front	0 mm	LTE Band 41	B	Open	20	QPSK	50	0	21.71	1:1.58	0.395	27.74	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	Open	20	QPSK	50	0	21.71	1:1.58	0.656	25.54	
2636.50	41055	Mid-High	left	0 mm	LTE Band 41	B	Open	20	QPSK	50	0	21.71	1:1.58	0.273	29.34	
2680.00	41490	High	back	0 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.12	1:1.58	1.020	22.03	21.04
2680.00	41490	High	front	0 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.12	1:1.58	1.280	21.04	
2680.00	41490	High	top	0 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.12	1:1.58	0.180	29.56	
2680.00	41490	High	right	0 mm	LTE Band 41	I	Open	20	QPSK	1	0	19.96	1:1.58	1.050	21.74	
2680.00	41490	High	right	0 mm	LTE Band 41	I	Open	20	QPSK	50	0	20.12	1:1.58	1.040	21.95	

Table A-51
DSI = 0 P_{Limit} Calculations – NR Band n5 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	167300	Mid	back	0 mm	NR Band n5	A	Open	20	QPSK	1	1	24.72	1:1	0.653	30.55	30.55
836.50	167300	Mid	front	0 mm	NR Band n5	A	Open	20	QPSK	1	1	24.72	1:1	0.523	31.51	
836.50	167300	Mid	bottom	0 mm	NR Band n5	A	Open	20	QPSK	1	1	24.72	1:1	0.334	33.46	
836.50	167300	Mid	right	0 mm	NR Band n5	A	Open	20	QPSK	1	1	24.72	1:1	0.476	31.92	
836.50	167300	Mid	left	0 mm	NR Band n5	A	Open	20	QPSK	1	1	24.72	1:1	0.332	33.49	

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Table A-52
DSI = 0 P_{Limit} Calculations – NR Band n66 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)														
1745.00	349000	Mid	back	0 mm	NR Band n66	A	Open	40	QPSK	108	108	19.79	1:1	0.834	24.56	24.56
1745.00	349000	Mid	front	0 mm	NR Band n66	A	Open	40	QPSK	108	108	19.79	1:1	0.723	25.18	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	Open	40	QPSK	108	108	19.79	1:1	0.641	25.70	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	Open	40	QPSK	108	108	19.79	1:1	0.031	38.86	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	Open	40	QPSK	108	108	19.79	1:1	0.068	35.44	
1745.00	349000	Mid	back	0 mm	NR Band n66	I	Open	40	QPSK	108	54	19.65	1:1	0.559	26.16	25.62
1745.00	349000	Mid	front	0 mm	NR Band n66	I	Open	40	QPSK	108	54	19.65	1:1	0.588	25.94	
1745.00	349000	Mid	top	0 mm	NR Band n66	I	Open	40	QPSK	108	54	19.65	1:1	0.048	36.82	
1745.00	349000	Mid	right	0 mm	NR Band n66	I	Open	40	QPSK	108	54	19.65	1:1	0.632	25.62	

Table A-53
DSI = 0 P_{Limit} Calculations – NR Band n41 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)														
2592.99	518598	Mid	back	0 mm	NR Band n41	I	Open	100	QPSK	1	137	18.52	1:1	0.975	22.61	19.97
2592.99	518598	Mid	back	0 mm	NR Band n41	I	Open	100	QPSK	135	138	18.63	1:1	1.060	22.36	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	Open	100	QPSK	1	137	18.52	1:1	1.180	21.78	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	Open	100	QPSK	135	138	18.63	1:1	1.310	21.44	
2592.99	518598	Mid	top	0 mm	NR Band n41	I	Open	100	QPSK	1	137	18.52	1:1	0.134	31.23	
2592.99	518598	Mid	top	0 mm	NR Band n41	I	Open	100	QPSK	135	138	18.63	1:1	0.146	30.97	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	Open	100	QPSK	1	137	18.52	1:1	1.610	20.43	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	Open	100	QPSK	135	138	18.63	1:1	1.510	20.82	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	Open	100	QPSK	270	0	18.41	1:1	1.640	20.24	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	Open	100	QPSK	1	1	18.03	1:1	1.600	19.97	

Table A-54
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 (%)	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
2412	1	back	0 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.472	26.14	23.02
2412	1	front	0 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.967	23.02	
2412	1	top	0 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.826	23.71	
2412	1	right	0 mm	802.11b	DSSS	2	Open	22	1	18.95	98.74	0.194	30.00	

Table A-55
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 [dBm]	Duty Cycle (%)	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
2437	6	back	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	98.90	0.586	24.39	19.54
2437	6	front	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	98.90	1.100	21.66	
2437	6	top	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	98.90	0.822	22.92	
2437	6	right	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	98.90	0.269	27.77	
2437	6	left	0 mm	802.11b	DSSS	MIMO	Open	22	1	18.14	98.90	1.790	19.54	

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Table A-56
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)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
5320	64	back	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.349	24.08	21.42
5320	64	front	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.307	24.64	
5320	64	top	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.206	26.37	
5320	64	right	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.134	28.24	
5320	64	left	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.88	15.61	98.11	0.644	21.42	
5500	100	back	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.264	25.22	
5500	100	front	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.227	25.88	
5500	100	top	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.161	27.37	
5500	100	right	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.106	29.18	
5500	100	left	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.54	15.68	98.11	0.444	22.96	
5785	157	back	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.386	23.86	
5785	157	front	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.409	23.61	
5785	157	top	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.127	28.69	
5785	157	right	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.093	30.04	
5785	157	left	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.89	15.83	98.11	0.551	22.32	
5845	169	back	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.223	25.99	
5845	169	front	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.235	25.77	
5845	169	top	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.095	29.70	
5845	169	right	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.080	30.45	
5845	169	left	0 mm	802.11n	OFDM	MIMO	Open	20	13	15.58	15.69	98.11	0.498	22.50	

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Table A-57
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.	Data Rate (Mbps)	Side	Duty Cycle (%)	SAR (10g)	Plimit (dBm)	Overall Plimit (dBm)
MHz	Ch.											(W/kg)		
7025.00	215	802.11ax	OFDM	80	11.66	11.98	0	MIMO	68.1	Back	99.70	0.122	24.80	21.50
7025.00	215	802.11ax	OFDM	80	11.66	11.98	0	MIMO	68.1	Front	99.70	0.115	25.00	
7025.00	215	802.11ax	OFDM	80	11.66	11.98	0	MIMO	68.1	Top	99.70	0.063	27.60	
7025.00	215	802.11ax	OFDM	80	11.66	11.98	0	MIMO	68.1	Right	99.70	0.050	28.60	
7025.00	215	802.11ax	OFDM	80	11.66	11.98	0	MIMO	68.1	Left	99.70	0.256	21.50	
5985.00	7	802.11ax	OFDM	80	11.38	11.70	0	MIMO	68.1	Left	99.70	0.073	26.70	
6305.00	71	802.11ax	OFDM	80	11.74	11.63	0	MIMO	68.1	Left	99.70	0.120	24.80	
6545.00	119	802.11ax	OFDM	80	11.34	11.81	0	MIMO	68.1	Left	99.70	0.076	26.50	
6785.00	167	802.11ax	OFDM	80	11.61	11.81	0	MIMO	68.1	Left	99.70	0.008	36.50	

Table A-58
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	0.131	29.14	22.20
2441	39	front	0 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.230	26.70	
2441	39	top	0 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.162	28.22	
2441	39	left	0 mm	Bluetooth	FHSS	1	Open	1	16.40	76.85	0.648	22.20	
2441	39	back	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.255	26.59	24.57
2402	0	front	0 mm	Bluetooth LE	DSSS	2	Open	1	18.29	85.05	0.021	38.95	
2441	39	front	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.406	24.57	
2441	39	top	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.347	25.25	
2441	39	right	0 mm	Bluetooth	FHSS	2	Open	1	16.74	76.90	0.097	30.79	

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