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 = 5 P_{Limit} Calculations –GSM 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	190	Right	Cheek	GSM 850	GSM	A+B	31.82	1:8.3	0.062	34.69	34.69
836.60	190	Right	Tilt	GSM 850	GSM	A+B	31.82	1:8.3	0.025	38.64	
836.60	190	Left	Cheek	GSM 850	GSM	A+B	31.82	1:8.3	0.053	35.38	
836.60	190	Left	Tilt	GSM 850	GSM	A+B	31.82	1:8.3	0.035	37.18	
836.60	190	Right	Cheek	GSM 850	GSM	A	31.82	1:8.3	0.035	37.18	
836.60	190	Right	Tilt	GSM 850	GSM	A	31.82	1:8.3	0.013	41.48	
836.60	190	Left	Cheek	GSM 850	GSM	A	31.82	1:8.3	0.026	38.47	
836.60	190	Left	Tilt	GSM 850	GSM	A	31.82	1:8.3	0.014	41.16	

Table A-2
DSI = 5 P_{Limit} Calculations GSM 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1850.20	512	Right	Cheek	GSM 1900	GSM	B	29.18	1:8.3	0.033	34.79	34.79
1850.20	512	Right	Tilt	GSM 1900	GSM	B	29.18	1:8.3	0.024	36.18	
1850.20	512	Left	Cheek	GSM 1900	GSM	B	29.18	1:8.3	0.031	35.07	
1850.20	512	Left	Tilt	GSM 1900	GSM	B	29.18	1:8.3	0.019	37.19	

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Table A-3
DSI = 5 P_{Limit} Calculations UMTS 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	Right	Cheek	UMTS 850	RMC	A+B	24.52	1:1	0.156	32.59	32.59
826.40	4132	Right	Tilt	UMTS 850	RMC	A+B	24.52	1:1	0.035	39.08	
826.40	4132	Left	Cheek	UMTS 850	RMC	A+B	24.52	1:1	0.094	34.79	
826.40	4132	Left	Tilt	UMTS 850	RMC	A+B	24.52	1:1	0.062	36.60	
826.40	4132	Right	Cheek	UMTS 850	RMC	A	24.52	1:1	0.114	33.95	
826.40	4132	Right	Tilt	UMTS 850	RMC	A	24.52	1:1	0.034	39.21	
826.40	4132	Left	Cheek	UMTS 850	RMC	A	24.52	1:1	0.074	35.83	
826.40	4132	Left	Tilt	UMTS 850	RMC	A	24.52	1:1	0.042	38.29	

Table A-4
DSI = 5 P_{Limit} Calculations UMTS 1750 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1712.40	1312	Right	Cheek	UMTS 1750	RMC	B	23.73	1:1	0.093	34.05	34.05
1712.40	1312	Right	Tilt	UMTS 1750	RMC	B	23.73	1:1	0.051	36.65	
1712.40	1312	Left	Cheek	UMTS 1750	RMC	B	23.73	1:1	0.084	34.49	
1712.40	1312	Left	Tilt	UMTS 1750	RMC	B	23.73	1:1	0.045	37.20	

Table A-5
DSI = 5 P_{Limit} Calculations UMTS 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	9400	Right	Cheek	UMTS 1900	RMC	B	24.12	1:1	0.062	36.20	35.61
1880.00	9400	Right	Tilt	UMTS 1900	RMC	B	24.12	1:1	0.059	36.41	
1880.00	9400	Left	Cheek	UMTS 1900	RMC	B	24.12	1:1	0.071	35.61	
1880.00	9400	Left	Tilt	UMTS 1900	RMC	B	24.12	1:1	0.032	39.07	

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Table A-6
DSI = 5 P_{Limit} Calculations LTE Band 71 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	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+B	20	QPSK	1	0	24.33	1:1	0.113	33.80	33.30
680.50	133297	Mid	Right	Cheek	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.099	33.30	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.056	36.85	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.048	36.45	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.105	34.12	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.080	34.23	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.057	36.77	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.044	36.83	
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.064	36.27	
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.058	35.63	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.030	39.56	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.026	39.11	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.060	36.55	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.047	36.54	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.032	39.28	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.025	39.28	

Table A-7
DSI = 5 P_{Limit} Calculations LTE Band 12 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.41	1:1	0.160	32.37	32.37
707.50	23095	Mid	Right	Cheek	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.117	32.76	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.086	35.07	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.062	35.52	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.130	33.27	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.097	33.57	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.076	35.60	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.056	35.96	
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.096	34.59	
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.072	34.87	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.050	37.42	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.037	37.76	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.087	35.01	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.065	35.31	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.050	37.42	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.037	37.76	

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Table A-8
DSI = 5 P_{Limit} Calculations LTE Band 13 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.90	1:1	0.167	32.67	32.61
782.00	23230	Mid	Right	Cheek	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.129	32.61	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.091	35.31	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.071	35.21	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.139	33.47	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.108	33.39	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.073	36.27	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.054	36.40	
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.152	33.08	
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.118	33.00	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.085	35.61	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.066	35.52	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.130	33.76	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.099	33.76	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.063	36.91	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.048	36.91	

Table A-9
DSI = 5 P_{Limit} Calculations LTE Band 14 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.71	1:1	0.187	31.99	31.99
793.00	23330	Mid	Right	Cheek	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.146	32.04	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.089	35.22	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.068	35.35	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.140	33.25	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.107	33.39	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.067	36.45	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.052	36.52	
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.151	32.92	
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.117	33.00	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.069	36.32	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.053	36.44	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.107	34.42	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.081	34.60	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.054	37.39	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.041	37.55	

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Table A-10
DSI = 5 P_{Limit} Calculations LTE Band 26 (Cell) Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	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+B	15	QPSK	1	36	24.02	1:1	0.123	33.12	33.12
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.096	33.20	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.049	37.12	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.039	37.11	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.087	34.62	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.066	34.82	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.066	35.82	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.051	35.94	
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.097	34.15	
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.073	34.39	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.039	38.11	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.031	38.11	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.072	35.45	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.054	35.70	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.054	36.70	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.042	36.79	

Table A-11
DSI = 5 P_{Limit} Calculations LTE Band 5 (Cell) Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.38	1:1	0.136	33.04	33.04
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.104	33.16	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.050	37.39	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.036	37.77	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.112	33.89	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.078	34.41	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.062	36.46	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.044	36.90	
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.121	33.55	
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.091	33.74	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.041	38.25	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.031	38.42	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.095	34.60	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.068	35.00	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.050	37.39	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.039	37.42	

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Table A-12
DSI = 5 P_{Limit} Calculations LTE Band 66 (AWS) Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Power Drift [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	0.12	1:1	0.103	34.27	34.27
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	0.09	1:1	0.072	34.90	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	0.07	1:1	0.045	37.87	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	0.06	1:1	0.035	38.03	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	-0.15	1:1	0.033	39.21	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	0.01	1:1	0.028	39.00	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	0.02	1:1	0.032	39.35	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	0.20	1:1	0.028	39.00	
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	50	21.64	0.00	1:1	0.581	24.00	23.00
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	25	21.61	0.01	1:1	0.580	23.98	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	50	21.64	0.00	1:1	0.704	23.16	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	25	21.61	0.00	1:1	0.704	23.13	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	50	21.64	0.03	1:1	0.462	24.99	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	25	21.61	0.00	1:1	0.458	25.00	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	50	21.64	0.02	1:1	0.715	23.10	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	25	21.61	0.03	1:1	0.713	23.08	
1745.00	132322	Mid	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	25	21.42	-0.02	1:1	0.695	23.00	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	25	21.57	0.02	1:1	0.633	23.56	

Table A-13
DSI = 5 P_{Limit} Calculations LTE Band 25 (PCS) Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1882.50	26365	Mid	Right	Cheek	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	1:1	0.065	36.13	34.85
1882.50	26365	Mid	Right	Cheek	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1:1	0.056	35.50	
1882.50	26365	Mid	Right	Tilt	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	1:1	0.049	37.36	
1882.50	26365	Mid	Right	Tilt	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1:1	0.044	36.55	
1882.50	26365	Mid	Left	Cheek	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	1:1	0.082	35.12	
1882.50	26365	Mid	Left	Cheek	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1:1	0.065	34.85	
1882.50	26365	Mid	Left	Tilt	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	1:1	0.050	37.27	
1882.50	26365	Mid	Left	Tilt	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1:1	0.036	37.42	
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	50	22.19	1:1	0.375	26.45	26.16
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	25	22.10	1:1	0.385	26.25	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	50	22.19	1:1	0.382	26.37	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	25	22.10	1:1	0.389	26.20	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	50	22.19	1:1	0.320	27.14	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	25	22.10	1:1	0.327	26.95	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	50	22.19	1:1	0.389	26.29	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	25	22.10	1:1	0.393	26.16	

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Table A-14
DSI = 5 P_{Limit} Calculations LTE Band 30 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	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	10	QPSK	1	0	21.85	1:1	0.048	35.04	35.04
2310.00	27710	Mid	Right	Cheek	LTE Band 30	B	10	QPSK	25	12	21.81	1:1	0.046	35.18	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	B	10	QPSK	1	0	21.85	1:1	0.021	38.63	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	B	10	QPSK	25	12	21.81	1:1	0.019	39.02	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	B	10	QPSK	1	0	21.85	1:1	0.033	36.66	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	B	10	QPSK	25	12	21.81	1:1	0.031	36.90	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	B	10	QPSK	1	0	21.85	1:1	0.029	37.23	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	B	10	QPSK	25	12	21.81	1:1	0.026	37.66	
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	1	25	22.97	1:1	0.284	28.44	26.53
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	25	12	21.87	1:1	0.226	28.33	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	1	25	22.97	1:1	0.302	28.17	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	25	12	21.87	1:1	0.213	28.59	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	1	25	22.97	1:1	0.308	28.08	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	25	12	21.87	1:1	0.242	28.03	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	1	25	22.97	1:1	0.441	26.53	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	25	12	21.87	1:1	0.337	26.59	

Table A-15
DSI = 5 P_{Limit} Calculations LTE Band 7 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2535.00	21100	Mid	Right	Cheek	LTE Band 7	B	20	QPSK	1	50	21.88	1:1	0.027	37.57	36.20
2535.00	21100	Mid	Right	Cheek	LTE Band 7	B	20	QPSK	50	50	21.88	1:1	0.023	38.26	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	B	20	QPSK	1	50	21.88	1:1	0.016	39.84	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	B	20	QPSK	50	50	21.88	1:1	0.015	40.12	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	B	20	QPSK	1	50	21.88	1:1	0.037	36.20	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	B	20	QPSK	50	50	21.88	1:1	0.025	37.90	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	B	20	QPSK	1	50	21.88	1:1	0.016	39.84	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	B	20	QPSK	50	50	21.88	1:1	0.015	40.12	
2535.00	21100	Mid	Right	Cheek	LTE Band 7	F	20	QPSK	1	0	24.52	1:1	0.423	28.26	26.23
2535.00	21100	Mid	Right	Cheek	LTE Band 7	F	20	QPSK	50	25	23.51	1:1	0.338	28.22	
2510.00	20850	Low	Right	Tilt	LTE Band 7	F	20	QPSK	1	50	24.32	1:1	0.581	26.68	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	F	20	QPSK	1	0	24.52	1:1	0.675	26.23	
2560.00	21350	High	Right	Tilt	LTE Band 7	F	20	QPSK	1	50	24.51	1:1	0.658	26.33	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	F	20	QPSK	50	25	23.51	1:1	0.438	27.10	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	F	20	QPSK	1	0	24.52	1:1	0.403	28.47	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	F	20	QPSK	50	25	23.51	1:1	0.320	28.46	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	F	20	QPSK	1	0	24.52	1:1	0.581	26.88	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	F	20	QPSK	50	25	23.51	1:1	0.452	26.96	

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Table A-16
DSI = 5 P_{Limit} Calculations LTE Band 41 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2680.00	41490	High	Right	Cheek	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.015	38.81	38.00
2680.00	41490	High	Right	Cheek	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.017	38.25	
2680.00	41490	High	Right	Tilt	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.006	42.78	
2680.00	41490	High	Right	Tilt	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.003	45.78	
2680.00	41490	High	Left	Cheek	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.017	38.26	
2680.00	41490	High	Left	Cheek	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.018	38.00	
2680.00	41490	High	Left	Tilt	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.005	43.58	
2680.00	41490	High	Left	Tilt	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.001	50.56	
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	24.53	1:1.58	0.240	28.74	27.21
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	50	50	23.43	1:1.58	0.188	28.70	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	24.53	1:1.58	0.342	27.21	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	23.43	1:1.58	0.263	27.25	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	F	20	QPSK	1	99	24.53	1:1.58	0.236	28.82	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	F	20	QPSK	50	50	23.43	1:1.58	0.189	28.68	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	F	20	QPSK	1	99	24.53	1:1.58	0.335	27.30	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	F	20	QPSK	50	50	23.43	1:1.58	0.261	27.28	

Table A-17
DSI = 5 P_{Limit} Calculations LTE Band 48 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	20	QPSK	1	50	21.35	1:1.58	0.239	25.58	24.64
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	20	QPSK	50	25	21.37	1:1.58	0.237	25.64	
3646.70	56207	Mid-High	Right	Tilt	LTE Band 48	F	20	QPSK	1	50	21.35	1:1.58	0.297	24.64	
3646.70	56207	Mid-High	Right	Tilt	LTE Band 48	F	20	QPSK	50	25	21.37	1:1.58	0.294	24.70	
3646.70	56207	Mid-High	Left	Cheek	LTE Band 48	F	20	QPSK	1	50	21.35	1:1.58	0.212	26.10	
3646.70	56207	Mid-High	Left	Cheek	LTE Band 48	F	20	QPSK	50	25	21.37	1:1.58	0.213	26.10	
3646.70	56207	Mid-High	Left	Tilt	LTE Band 48	F	20	QPSK	1	50	21.35	1:1.58	0.258	25.25	
3646.70	56207	Mid-High	Left	Tilt	LTE Band 48	F	20	QPSK	50	25	21.37	1:1.58	0.261	25.22	

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Table A-18
DSI = 5 P_{Limit} Calculations NR Band n71 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	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+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.147	32.71	
680.50	136100	Mid	Right	Cheek	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.126	33.39	
680.50	136100	Mid	Right	Cheek	NR Band n71	A+B	20	CP-OFDM	QPSK	1	1	22.75	1:1	0.106	32.50	
680.50	136100	Mid	Right	Tilt	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.073	35.75	
680.50	136100	Mid	Right	Tilt	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.056	36.91	
680.50	136100	Mid	Left	Cheek	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.117	33.70	
680.50	136100	Mid	Left	Cheek	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.107	34.10	
680.50	136100	Mid	Left	Tilt	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.062	36.46	
680.50	136100	Mid	Left	Tilt	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.054	37.07	32.50
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.084	35.14	
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.072	35.82	
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	CP-OFDM	QPSK	1	1	22.75	1:1	0.056	35.27	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.034	39.07	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.030	39.62	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.063	36.39	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.062	36.47	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.030	39.61	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.029	39.77	

Table A-19
DSI = 5 P_{Limit} Calculations NR Band n12 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	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+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.149	32.93	
707.50	141500	Mid	Right	Cheek	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.150	33.02	
707.50	141500	Mid	Right	Cheek	NR Band n12	A+B	15	CP-OFDM	QPSK	1	1	23.30	1:1	0.101	33.26	
707.50	141500	Mid	Right	Tilt	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.080	35.63	
707.50	141500	Mid	Right	Tilt	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.072	36.21	
707.50	141500	Mid	Left	Cheek	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.118	33.94	
707.50	141500	Mid	Left	Cheek	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.121	33.95	
707.50	141500	Mid	Left	Tilt	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.054	37.34	
707.50	141500	Mid	Left	Tilt	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.061	36.93	32.93
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.061	36.81	
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.081	35.70	
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	CP-OFDM	QPSK	1	1	23.30	1:1	0.056	35.82	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.038	38.86	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.037	39.10	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.051	37.58	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.021	41.56	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.006	46.88	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.010	44.78	

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Table A-20
DSI = 5 P_{Limit} Calculations NR Band n5 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	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 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.150	32.71	32.71
836.50	167300	Mid	Right	Cheek	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.138	33.27	
836.50	167300	Mid	Right	Cheek	NR Band n5 (Cell)	A+B	20	CP-OFDM	QPSK	1	1	23.05	1:1	0.096	33.23	
836.50	167300	Mid	Right	Tilt	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.054	37.15	
836.50	167300	Mid	Right	Tilt	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.052	37.51	
836.50	167300	Mid	Left	Cheek	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.105	34.26	
836.50	167300	Mid	Left	Cheek	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.102	34.58	
836.50	167300	Mid	Left	Tilt	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.042	38.24	
836.50	167300	Mid	Left	Tilt	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.045	38.14	
836.50	167300	Mid	Right	Cheek	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.109	34.10	
836.50	167300	Mid	Right	Cheek	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.106	34.42	
836.50	167300	Mid	Right	Cheek	NR Band n5 (Cell)	A	20	CP-OFDM	QPSK	1	1	23.05	1:1	0.073	34.42	
836.50	167300	Mid	Right	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.044	38.04	
836.50	167300	Mid	Right	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.045	38.14	
836.50	167300	Mid	Left	Cheek	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.066	36.27	
836.50	167300	Mid	Left	Cheek	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.066	36.47	
836.50	167300	Mid	Left	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.044	38.04	
836.50	167300	Mid	Left	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.044	38.24	

Table A-21
DSI = 5 P_{Limit} Calculations NR Band n66 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	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 (AWS)	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.037	37.79	37.50
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.039	37.50	
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	40	CP-OFDM	QPSK	1	1	21.70	1:1	0.026	37.55	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.027	39.16	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.029	38.79	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.020	40.46	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.022	39.99	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.019	40.68	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.022	39.99	
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	1	108	21.85	1:1	0.548	24.46	23.36
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	21.94	1:1	0.533	24.67	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	1	108	21.85	1:1	0.692	23.45	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	21.94	1:1	0.672	23.67	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	1	108	21.85	1:1	0.422	25.60	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	21.94	1:1	0.445	25.46	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	1	108	21.85	1:1	0.706	23.36	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	40	DFT-S-OFDM	QPSK	108	54	21.94	1:1	0.698	23.50	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	40	CP-OFDM	QPSK	1	1	21.82	1:1	0.695	23.40	

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Table A-22
DSI = 5 P_{Limit} Calculations NR Band n25 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	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 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.051	36.08	33.29
1882.50	376500	Mid	Right	Cheek	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.053	35.79	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.080	34.13	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.081	33.95	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.081	34.08	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.081	33.95	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	B	40	CP-OFDM	QPSK	1	1	21.49	1:1	0.066	33.29	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.035	37.72	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.037	37.35	
1882.50	376500	Mid	Right	Cheek	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	22.28	1:1	0.386	26.41	26.11
1882.50	376500	Mid	Right	Cheek	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	54	22.24	1:1	0.379	26.45	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	22.28	1:1	0.366	26.65	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	54	22.24	1:1	0.361	26.66	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	22.28	1:1	0.328	27.12	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	54	22.24	1:1	0.336	26.98	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	22.28	1:1	0.394	26.33	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	54	22.24	1:1	0.388	26.35	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	22.06	1:1	0.394	26.11	

Table A-23
DSI = 5 P_{Limit} Calculations NR Band n30 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	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	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.037	35.97	35.97
2310.00	462000	Mid	Right	Cheek	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.038	36.02	
2310.00	462000	Mid	Right	Cheek	NR Band n30	B	10	CP-OFDM	QPSK	1	1	21.19	1:1	0.011	40.78	
2310.00	462000	Mid	Right	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.005	44.66	
2310.00	462000	Mid	Right	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.020	38.81	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.025	37.67	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.026	37.67	
2310.00	462000	Mid	Left	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.015	39.89	
2310.00	462000	Mid	Left	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.018	39.27	
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	22.03	1:1	0.244	28.16	26.45
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	22.11	1:1	0.275	27.72	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	22.03	1:1	0.361	26.45	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	22.11	1:1	0.368	26.45	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	CP-OFDM	QPSK	1	1	20.60	1:1	0.256	26.52	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	22.03	1:1	0.243	28.17	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	22.11	1:1	0.246	28.20	
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	22.03	1:1	0.302	27.23	
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	22.11	1:1	0.308	27.22	

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Table A-24
DSI = 5 P_{Limit} Calculations NR Band n7 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	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	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.024	37.82	34.81
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.025	37.47	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.026	37.47	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.028	36.98	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.048	34.81	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.045	34.92	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	CP-OFDM	QPSK	1	1	21.53	1:1	0.036	35.97	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.021	38.40	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.023	37.83	
2535.00	507000	Mid	Right	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	23.28	1:1	0.263	29.08	26.12
2535.00	507000	Mid	Right	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	54	23.16	1:1	0.298	28.42	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	23.28	1:1	0.466	26.60	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	54	23.16	1:1	0.401	27.13	
2535.00	507000	Mid	Left	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	23.28	1:1	0.237	29.53	
2535.00	507000	Mid	Left	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	54	23.16	1:1	0.340	27.85	
2535.00	507000	Mid	Left	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	23.28	1:1	0.490	26.38	
2535.00	507000	Mid	Left	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	54	23.16	1:1	0.506	26.12	
2535.00	507000	Mid	Left	Tilt	NR Band n7	F	40	CP-OFDM	QPSK	1	1	21.71	1:1	0.236	27.98	

Table A-25
DSI = 5 P_{Limit} Calculations NR Band n41 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	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	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.055	30.62	26.01
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.051	30.82	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.096	28.20	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.089	28.41	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.126	27.02	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.115	27.29	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.159	26.01	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.144	26.32	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	0.152	26.04	
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.007	36.74	36.16
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.008	36.16	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.001	45.19	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.000	55.19	
2592.99	518598	Mid	Right	Cheek	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.007	36.49	32.15
2592.99	518598	Mid	Right	Tilt	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.009	35.40	
2592.99	518598	Mid	Left	Cheek	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.013	33.80	
2592.99	518598	Mid	Left	Tilt	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.019	32.15	
2592.99	518598	Mid	Right	Cheek	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.000	50.97	34.95
2592.99	518598	Mid	Right	Tilt	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.002	37.96	
2592.99	518598	Mid	Left	Cheek	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.000	50.97	
2592.99	518598	Mid	Left	Tilt	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.004	34.95	

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Table A-26
DSI = 5 P_{Limit} Calculations NR Band n48 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.221	24.75	22.41
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.212	24.78	
3624.99	641666	Mid	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.312	23.25	
3624.99	641666	Mid	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.299	23.28	
3624.99	641666	Mid	Right	Tilt	NR Band n48	F	40	CP-OFDM	QPSK	1	1	17.75	1:1	0.342	22.41	
3624.99	641666	Mid	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.174	25.78	
3624.99	641666	Mid	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.165	25.87	
3624.99	641666	Mid	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.228	24.61	
3624.99	641666	Mid	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.221	24.60	
3624.99	641666	Mid	Right	Cheek	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.052	27.19	22.53
3624.99	641666	Mid	Right	Tilt	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.053	27.11	
3624.99	641666	Mid	Left	Cheek	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.152	22.53	
3624.99	641666	Mid	Left	Tilt	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.111	23.90	
3624.99	641666	Mid	Right	Cheek	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.029	31.04	27.53
3624.99	641666	Mid	Right	Tilt	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.039	29.75	
3624.99	641666	Mid	Left	Cheek	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.052	28.50	
3624.99	641666	Mid	Left	Tilt	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.065	27.53	
3624.99	641666	Mid	Right	Cheek	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.000	52.73	52.73
3624.99	641666	Mid	Right	Tilt	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.000	52.73	
3624.99	641666	Mid	Left	Cheek	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.000	52.73	
3624.99	641666	Mid	Left	Tilt	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.000	52.73	

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Table A-27
DSI = 5 P_{Limit} Calculations NR Band n77 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.248	24.28	23.01
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.233	24.40	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.332	23.01	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.317	23.06	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	0.267	23.67	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.194	25.34	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.173	25.69	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.308	23.33	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.282	23.57	
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.317	23.82	19.68
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.301	23.92	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.317	23.82	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.287	24.13	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.759	20.03	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.779	19.79	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	270	0	18.70	1:1	0.796	19.69	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	0.738	19.68	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.765	19.99	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.719	20.14	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	270	0	18.70	1:1	0.733	20.05	
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.028	30.35	28.69
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.029	30.20	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.031	29.91	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.041	28.69	
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.003	40.20	40.20
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.003	40.20	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.000	54.97	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.000	54.97	
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.189	25.64	23.18
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.181	25.81	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.307	23.53	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.332	23.18	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	0.294	23.70	
3750.00	650000	Low	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.142	26.88	
3750.00	650000	Low	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.150	26.63	
3750.00	650000	Low	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.183	25.78	
3750.00	650000	Low	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.197	25.45	
3930.00	662000	High	Right	Cheek	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.188	26.58	25.17
3930.00	662000	High	Right	Cheek	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.189	26.52	
3930.00	662000	High	Right	Tilt	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.216	25.98	
3930.00	662000	High	Right	Tilt	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.211	26.04	
3930.00	662000	High	Left	Cheek	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.260	25.17	
3930.00	662000	High	Left	Cheek	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.247	25.35	
3930.00	662000	High	Left	Cheek	NR Band n77	E	100	CP-OFDM	QPSK	1	1	18.86	1:1	0.216	25.52	
3930.00	662000	High	Left	Tilt	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.245	25.43	
3930.00	662000	High	Left	Tilt	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.246	25.37	
3930.00	662000	High	Right	Cheek	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.025	31.04	28.03
3930.00	662000	High	Right	Tilt	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.039	29.11	
3930.00	662000	High	Left	Cheek	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.033	29.83	
3930.00	662000	High	Left	Tilt	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.050	28.03	
3750.00	650000	Low	Right	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.000	55.10	55.10
3750.00	650000	Low	Right	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.000	55.10	
3750.00	650000	Low	Left	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.000	55.10	
3750.00	650000	Low	Left	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.000	55.10	

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Table A-28
DSI = 1 P_{Limit} Calculations – GSM Body-Worn SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	190	back	15 mm	GSM 850	GSM	A+B	31.82	1:1	0.084	33.38	33.22
836.60	190	back	15 mm	GSM 850	GSM	A	31.82	1:1	0.087	33.22	
1850.20	512	back	15 mm	GSM 1900	GSM	B	29.18	1:1	0.183	27.35	27.35

Table A-29
DSI = 1 P_{Limit} Calculations – UMTS Body-Worn SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	15 mm	UMTS 850	RMC	A+B	24.52	1:1	0.135	33.22	33.15
826.40	4132	back	15 mm	UMTS 850	RMC	A	24.52	1:1	0.137	33.15	
1712.40	1312	back	15 mm	UMTS 1750	RMC	B	23.73	1:1	0.410	27.60	27.60
1880.00	9400	back	15 mm	UMTS 1900	RMC	B	24.12	1:1	0.365	28.50	28.50

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Table A-30
DSI = 1 P_{Limit} Calculations – LTE Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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+B	20	QPSK	1	0	24.33	1:1	0.167	32.10	32.10
680.50	133297	Mid	back	15 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.127	32.22	
680.50	133297	Mid	back	15 mm	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.092	34.69	
680.50	133297	Mid	back	15 mm	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.075	34.51	
707.50	23095	Mid	back	15 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.183	31.79	31.79
707.50	23095	Mid	back	15 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.142	31.92	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.102	34.32	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.082	34.30	
782.00	23230	Mid	back	15 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.171	32.57	32.57
782.00	23230	Mid	back	15 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.129	32.61	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.160	32.86	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.120	32.93	
793.00	23330	Mid	back	15 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.153	32.86	32.82
793.00	23330	Mid	back	15 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.122	32.82	
793.00	23330	Mid	back	15 mm	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.137	33.34	
793.00	23330	Mid	back	15 mm	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.111	33.23	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.123	33.12	33.12
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.096	33.20	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.116	33.38	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.095	33.24	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.152	32.56	32.56
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.117	32.65	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.146	32.74	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.116	32.69	

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Table A-31
DSI = 1 P_{Limit} Calculations – LTE Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.393	28.46	28.36
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.324	28.36	
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.150	28.35	28.35
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.143	28.50	
1882.50	26365	Mid	back	15 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	1:1	0.318	29.24	29.05
1882.50	26365	Mid	back	15 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1:1	0.247	29.05	
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	1:1	0.119	29.29	29.29
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.96	1:1	0.110	29.55	
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	10	QPSK	1	0	21.85	1:1	0.372	26.14	26.01
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	10	QPSK	25	12	21.81	1:1	0.380	26.01	
2310.00	27710	Mid	back	15 mm	LTE Band 30	F	10	QPSK	1	0	19.93	1:1	0.065	31.80	31.80
2310.00	27710	Mid	back	15 mm	LTE Band 30	F	10	QPSK	25	0	19.88	1:1	0.062	31.96	
2535.00	21100	Mid	back	15 mm	LTE Band 7	B	20	QPSK	1	50	21.88	1:1	0.216	28.54	28.54
2535.00	21100	Mid	back	15 mm	LTE Band 7	B	20	QPSK	50	50	21.88	1:1	0.214	28.58	
2560.00	21350	High	back	15 mm	LTE Band 7	F	20	QPSK	1	99	18.30	1:1	0.042	32.07	31.44
2560.00	21350	High	back	15 mm	LTE Band 7	F	20	QPSK	50	25	18.07	1:1	0.046	31.44	
2680.00	41490	High	back	15 mm	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.221	27.12	27.12
2680.00	41490	High	back	15 mm	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.220	27.13	
2549.50	40185	Low-Mid	back	15 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.052	31.24	31.06
2549.50	40185	Low-Mid	back	15 mm	LTE Band 41	F	20	QPSK	50	0	20.37	1:1.58	0.054	31.06	
3646.70	56207	Mid-High	back	15 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.073	29.25	29.12
3646.70	56207	Mid-High	back	15 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.076	29.12	

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Table A-32
DSI = 1 P_{Limit} Calculations – NR Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Maximum Allowed Power [dBm]	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+B	20	DFT-S-OFDM	QPSK	1	1	25.5	24.38	1:1	0.173	32.00	31.96
680.50	136100	Mid	back	15 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	25.5	24.39	1:1	0.157	32.43	
680.50	136100	Mid	back	15 mm	NR Band n71	A+B	20	CP-OFDM	QPSK	1	1	24.0	22.75	1:1	0.120	31.96	
680.50	136100	Mid	back	15 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	25.5	24.38	1:1	0.102	34.29	
680.50	136100	Mid	back	15 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	25.5	24.39	1:1	0.109	34.02	
680.50	136100	Mid	back	15 mm	NR Band n71	A	20	CP-OFDM	QPSK	1	1	24.0	22.75	1:1	0.042	36.52	
707.50	141500	Mid	back	15 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	25.5	24.66	1:1	0.221	31.22	31.22
707.50	141500	Mid	back	15 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	25.5	24.78	1:1	0.218	31.40	
707.50	141500	Mid	back	15 mm	NR Band n12	A+B	15	CP-OFDM	QPSK	1	1	24.0	23.30	1:1	0.159	31.29	
707.50	141500	Mid	back	15 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	25.5	24.66	1:1	0.097	34.79	
707.50	141500	Mid	back	15 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	25.5	24.78	1:1	0.117	34.10	
707.50	141500	Mid	back	15 mm	NR Band n12	A	15	CP-OFDM	QPSK	1	1	24.0	23.30	1:1	0.071	34.79	
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	25.5	24.47	1:1	0.137	33.10	32.86
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	25.5	24.67	1:1	0.129	33.56	
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A+B	20	CP-OFDM	QPSK	1	1	24.0	23.05	1:1	0.099	33.09	
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	25.5	24.47	1:1	0.145	32.86	
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	25.5	24.67	1:1	0.144	33.09	
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	20	CP-OFDM	QPSK	1	1	24.0	23.05	1:1	0.096	33.23	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	24.5	23.47	1:1	0.409	27.35	26.59
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	24.5	23.41	1:1	0.412	27.26	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	B	40	CP-OFDM	QPSK	1	1	23.0	21.70	1:1	0.324	26.59	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	20.5	19.47	1:1	0.109	29.10	28.77
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	20.5	19.45	1:1	0.117	28.77	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	20.5	19.35	1:1	0.102	29.26	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	24.5	23.16	1:1	0.444	26.69	26.52
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	24.5	23.03	1:1	0.448	26.52	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	B	40	CP-OFDM	QPSK	1	1	23.0	21.49	1:1	0.309	26.59	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	20.5	19.69	1:1	0.075	30.94	30.94
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	20.5	19.66	1:1	0.074	30.97	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	20.5	19.54	1:1	0.069	31.15	
2310.00	462000	Mid	back	15 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	22.5	21.65	1:1	0.304	26.82	26.70
2310.00	462000	Mid	back	15 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	22.5	21.82	1:1	0.310	26.91	
2310.00	462000	Mid	back	15 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	22.5	21.19	1:1	0.281	26.70	
2310.00	462000	Mid	back	15 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	20.5	19.55	1:1	0.063	31.56	31.43
2310.00	462000	Mid	back	15 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	20.5	19.49	1:1	0.064	31.43	
2310.00	462000	Mid	back	15 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	20.5	19.65	1:1	0.057	32.09	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	22.5	21.62	1:1	0.325	26.50	26.15
2535.00	507000	Mid	back	15 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	22.5	21.45	1:1	0.338	26.16	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	22.5	21.53	1:1	0.345	26.15	
2535.00	507000	Mid	back	15 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	19.0	17.96	1:1	0.051	30.88	29.85
2535.00	507000	Mid	back	15 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	108	19.0	17.81	1:1	0.058	30.18	
2535.00	507000	Mid	back	15 mm	NR Band n7	F	40	CP-OFDM	QPSK	1	1	19.0	17.84	1:1	0.063	29.85	

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Table A-33
DSI = 1 P_{Limit} Calculations – NR Band 41 Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.056	30.54	30.38
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.043	31.57	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	0.056	30.38	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.106	24.94	24.94
2592.99	518598	Mid	back	15 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.010	34.94	34.94
2592.99	518598	Mid	back	15 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.002	37.96	37.96

Table A-34
DSI = 1 P_{Limit} Calculations – NR Band 48 Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3624.99	641666	Mid	back	15 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.083	29.00	27.97
3624.99	641666	Mid	back	15 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.080	29.01	
3624.99	641666	Mid	back	15 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	17.75	1:1	0.095	27.97	
3624.99	641666	Mid	back	15 mm	NR Band n48	E	40	CW/SRS	N/A	NA	NA	14.35	1:1	0.010	34.35	34.35
3624.99	641666	Mid	back	15 mm	NR Band n48	G	40	CW/SRS	N/A	NA	NA	15.66	1:1	0.038	29.86	29.86
3624.99	641666	Mid	back	15 mm	NR Band n48	D	40	CW/SRS	N/A	NA	NA	12.73	1:1	0.036	27.17	27.17

Table A-35
DSI = 1 P_{Limit} Calculations – NR Band 77 Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.088	28.78	28.40
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.086	28.73	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	0.090	28.40	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.067	30.57	30.23
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.068	30.38	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	0.065	30.23	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	NA	NA	14.82	1:1	0.013	33.68	33.68
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	NA	NA	14.97	1:1	0.043	28.64	28.64
3750.00	650000	Low	back	15 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.100	28.40	28.18
3750.00	650000	Low	back	15 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.105	28.18	
3750.00	650000	Low	back	15 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	0.098	28.47	
3930.00	662000	High	back	15 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.074	30.63	30.63
3930.00	662000	High	back	15 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.073	30.65	
3930.00	662000	High	back	15 mm	NR Band n77	E	100	CP-OFDM	QPSK	1	1	18.86	1:1	0.055	31.46	
3930.00	662000	High	back	15 mm	NR Band n77	G	100	CW/SRS	N/A	NA	NA	15.02	1:1	0.065	26.89	26.89
3750.00	650000	Low	back	15 mm	NR Band n77	D	100	CW/SRS	N/A	NA	NA	15.10	1:1	0.032	30.05	30.05

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Table A-36
DSI = 7 P_{Limit} Calculations – GPRS Hotspot SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.281	30.28	30.28
836.60	190	front	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.074	36.08	
836.60	190	bottom	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.047	38.05	
836.60	190	right	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.172	32.41	
836.60	190	left	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.074	36.08	
836.60	190	back	10 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.271	30.44	
836.60	190	front	10 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.070	36.32	
836.60	190	bottom	10 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.058	37.14	
836.60	190	right	10 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.152	32.95	
1850.20	512	back	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.126	25.82	23.30
1850.20	512	front	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.050	29.83	
1850.20	512	bottom	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.225	23.30	
1850.20	512	right	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.024	33.02	
1850.20	512	left	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.045	30.29	

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Table A-37
DSI = 7 P_{Limit} Calculations – UMTS Hotspot SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.275	30.13	30.00
826.40	4132	front	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.081	35.44	
826.40	4132	bottom	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.050	37.53	
826.40	4132	right	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.177	32.04	
826.40	4132	left	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.075	35.77	
826.40	4132	back	10 mm	UMTS 850	RMC	A	24.52	1:1	0.283	30.00	
826.40	4132	front	10 mm	UMTS 850	RMC	A	24.52	1:1	0.075	35.77	
826.40	4132	bottom	10 mm	UMTS 850	RMC	A	24.52	1:1	0.075	35.77	
826.40	4132	right	10 mm	UMTS 850	RMC	A	24.52	1:1	0.195	31.62	
1752.60	1513	back	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.202	25.23	23.03
1752.60	1513	front	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.076	29.47	
1752.60	1513	bottom	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.335	23.03	
1752.60	1513	right	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.056	30.80	
1752.60	1513	left	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.025	34.30	
1852.40	9262	back	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.234	24.74	23.59
1852.40	9262	front	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.079	29.45	
1852.40	9262	bottom	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.305	23.59	
1852.40	9262	right	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.059	30.72	
1852.40	9262	left	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.034	33.12	

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Table A-38
DSI = 7 P_{Limit} Calculations – LTE Band 71 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.239	30.55	30.43
680.50	133297	Mid	back	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.192	30.43	
680.50	133297	Mid	front	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.112	33.84	
680.50	133297	Mid	front	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.098	33.35	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.103	34.20	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.077	34.40	
680.50	133297	Mid	right	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.234	30.64	
680.50	133297	Mid	right	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.177	30.78	
680.50	133297	Mid	left	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	1:1	0.104	34.16	
680.50	133297	Mid	left	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1:1	0.091	33.67	
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.158	32.34	
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.130	32.12	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.059	36.62	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.050	36.27	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.040	38.31	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.032	38.21	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	20	QPSK	1	0	24.33	1:1	0.136	32.99	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	20	QPSK	50	0	23.26	1:1	0.116	32.62	

Table A-39
DSI = 7 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.41	1:1	0.228	30.83	30.21
707.50	23095	Mid	back	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.173	31.06	
707.50	23095	Mid	front	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.133	33.17	
707.50	23095	Mid	front	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.100	33.44	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.067	36.15	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.049	36.54	
707.50	23095	Mid	right	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.263	30.21	
707.50	23095	Mid	right	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.200	30.43	
707.50	23095	Mid	left	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	1:1	0.145	32.80	
707.50	23095	Mid	left	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1:1	0.109	33.07	
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.193	31.55	
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.140	31.98	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.073	35.78	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.057	35.88	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.051	37.33	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.037	37.76	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	1	25	24.41	1:1	0.186	31.71	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	25	0	23.44	1:1	0.147	31.77	

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Table A-40
DSI = 7 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.90	1:1	0.263	30.70	30.10
782.00	23230	Mid	back	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.201	30.69	
782.00	23230	Mid	front	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.142	33.38	
782.00	23230	Mid	front	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.108	33.39	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.055	37.50	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.043	37.39	
782.00	23230	Mid	right	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.259	30.77	
782.00	23230	Mid	right	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.200	30.71	
782.00	23230	Mid	left	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	1:1	0.129	33.79	
782.00	23230	Mid	left	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1:1	0.097	33.85	
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.268	30.62	
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.206	30.58	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.123	34.00	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.094	33.99	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.107	34.61	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.081	34.64	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	1	25	24.90	1:1	0.298	30.16	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	25	12	23.72	1:1	0.230	30.10	

Table A-41
DSI = 7 P_{Limit} Calculations – LTE Band 14 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	back	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.262	30.53	30.43
793.00	23330	Mid	back	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.206	30.54	
793.00	23330	Mid	front	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.116	34.07	
793.00	23330	Mid	front	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.092	34.04	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.062	36.79	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.045	37.15	
793.00	23330	Mid	right	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.223	31.23	
793.00	23330	Mid	right	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.178	31.18	
793.00	23330	Mid	left	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	1:1	0.088	35.27	
793.00	23330	Mid	left	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1:1	0.072	35.11	
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.268	30.43	
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.209	30.48	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.108	34.38	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.088	34.24	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.101	34.67	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.079	34.70	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	1	25	24.71	1:1	0.224	31.21	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	25	12	23.68	1:1	0.176	31.22	

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Table A-42
DSI = 7 P_{Limit} Calculations – LTE Band 26 (Cell) Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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+B	15	QPSK	1	36	24.02	1:1	0.243	30.16	30.05
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.198	30.05	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.100	34.02	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.072	34.45	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.057	36.46	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.042	36.79	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.219	30.62	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.156	31.09	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	1:1	0.103	33.89	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1:1	0.072	34.45	
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.235	30.31	
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.189	30.26	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.083	34.83	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.059	35.31	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.076	35.21	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.057	35.46	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	1:1	0.233	30.35	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.02	1:1	0.165	30.85	

Table A-43
DSI = 7 P_{Limit} Calculations – LTE Band 5 (Cell) Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.38	1:1	0.312	29.44	29.44
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.238	29.56	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.129	33.27	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.094	33.60	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.070	35.93	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.051	36.25	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.277	29.96	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.213	30.05	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.110	33.97	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.082	34.19	
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.291	29.74	
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.221	29.89	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.095	34.60	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.070	34.88	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.100	34.38	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.074	34.64	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	1:1	0.199	31.39	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.33	1:1	0.146	31.69	

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Table A-44
DSI = 7 P_{Limit} Calculations – LTE Band 66 (AWS) Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	0.241	24.69	21.67
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	0.227	24.88	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	0.089	29.01	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	0.084	29.20	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	0.465	21.83	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	0.475	21.67	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	0.063	30.51	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	0.061	30.58	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	0.026	34.36	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	0.023	34.82	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.324	25.00	22.32
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.315	25.07	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.098	30.20	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.096	30.23	
1720.00	132072	Low	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.96	1:1	0.557	22.50	
1745.00	132322	Mid	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.98	1:1	0.583	22.32	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.528	22.88	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.492	23.13	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.094	30.38	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.090	30.51	

Table A-45
DSI = 7 P_{Limit} Calculations – LTE Band 25 (PCS) Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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)	B	20	QPSK	1	0	18.15	1:1	0.177	25.67	22.48
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	1:1	0.168	25.86	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	1:1	0.098	28.24	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	1:1	0.090	28.57	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	1:1	0.369	22.48	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	1:1	0.339	22.81	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	1:1	0.052	30.99	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	1:1	0.053	30.87	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	1:1	0.033	32.96	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	1:1	0.035	32.67	
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	1:1	0.179	27.52	23.70
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.96	1:1	0.172	27.60	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	1:1	0.069	31.66	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.96	1:1	0.064	31.90	
1860.00	26140	Low	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	1:1	0.432	23.70	
1860.00	26140	Low	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.96	1:1	0.421	23.72	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	1:1	0.059	32.34	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.96	1:1	0.060	32.18	

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Table A-46
DSI = 7 P_{Limit} Calculations – LTE Band 30 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	1:1	0.200	23.40	21.31
2310.00	27710	Mid	back	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	1:1	0.202	23.24	
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	1:1	0.053	29.17	
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	1:1	0.055	28.89	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	1:1	0.316	21.41	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	1:1	0.315	21.31	
2310.00	27710	Mid	right	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	1:1	0.032	31.36	
2310.00	27710	Mid	right	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	1:1	0.033	31.10	
2310.00	27710	Mid	left	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	1:1	0.021	33.19	
2310.00	27710	Mid	left	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	1:1	0.020	33.28	
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	1	0	19.93	1:1	0.150	28.17	25.41
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	25	0	19.88	1:1	0.153	28.03	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	1	0	19.93	1:1	0.051	32.85	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	25	0	19.88	1:1	0.050	32.89	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	1	0	19.93	1:1	0.283	25.41	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	25	0	19.88	1:1	0.274	25.50	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	1	0	19.93	1:1	0.058	32.30	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	25	0	19.88	1:1	0.056	32.40	

Table A-47
DSI = 7 P_{Limit} Calculations – LTE Band 7 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2560.00	21350	High	back	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.218	24.07	20.82
2560.00	21350	High	back	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.212	24.15	
2560.00	21350	High	front	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.083	28.26	
2560.00	21350	High	front	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.076	28.60	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.460	20.82	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.441	20.97	
2560.00	21350	High	right	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.048	30.64	
2560.00	21350	High	right	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.045	30.88	
2560.00	21350	High	left	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.027	33.14	
2560.00	21350	High	left	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.024	33.61	
2560.00	21350	High	back	10 mm	LTE Band 7	F	20	QPSK	1	99	18.30	1:1	0.075	29.55	26.00
2560.00	21350	High	back	10 mm	LTE Band 7	F	20	QPSK	50	25	18.07	1:1	0.081	28.99	
2560.00	21350	High	front	10 mm	LTE Band 7	F	20	QPSK	1	99	18.30	1:1	0.041	32.17	
2560.00	21350	High	front	10 mm	LTE Band 7	F	20	QPSK	50	25	18.07	1:1	0.043	31.74	
2560.00	21350	High	top	10 mm	LTE Band 7	F	20	QPSK	1	99	18.30	1:1	0.157	26.34	
2560.00	21350	High	top	10 mm	LTE Band 7	F	20	QPSK	50	25	18.07	1:1	0.161	26.00	
2560.00	21350	High	left	10 mm	LTE Band 7	F	20	QPSK	1	99	18.30	1:1	0.039	32.39	
2560.00	21350	High	left	10 mm	LTE Band 7	F	20	QPSK	50	25	18.07	1:1	0.041	31.94	

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Table A-48
DSI = 7 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	20	QPSK	1	50	17.91	1:1.58	0.173	23.55	21.01
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.172	23.69	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	0.053	28.68	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.054	28.72	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	0.310	21.01	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.304	21.22	
2593.00	40620	Mid	right	10 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	0.020	32.92	
2593.00	40620	Mid	right	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.019	33.26	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	0.021	32.70	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.020	33.04	
2549.50	40185	Low-Mid	back	10 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.092	28.76	25.94
2549.50	40185	Low-Mid	back	10 mm	LTE Band 41	F	20	QPSK	50	0	20.37	1:1.58	0.094	28.65	
2549.50	40185	Low-Mid	front	10 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.034	33.08	
2549.50	40185	Low-Mid	front	10 mm	LTE Band 41	F	20	QPSK	50	0	20.37	1:1.58	0.030	33.61	
2549.50	40185	Low-Mid	top	10 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.176	25.94	
2549.50	40185	Low-Mid	top	10 mm	LTE Band 41	F	20	QPSK	50	0	20.37	1:1.58	0.175	25.96	
2549.50	40185	Low-Mid	left	10 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.048	31.58	
2549.50	40185	Low-Mid	left	10 mm	LTE Band 41	F	20	QPSK	50	0	20.37	1:1.58	0.044	31.95	

Table A-49
DSI = 7 P_{Limit} Calculations – LTE Band 48 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.122	27.02	24.48
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.121	27.10	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.047	31.17	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.045	31.39	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.219	24.48	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.210	24.70	
3646.70	56207	Mid-High	left	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.056	30.40	
3646.70	56207	Mid-High	left	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.049	31.02	

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Table A-50
DSI = 7 P_{Limit} Calculations – NR Band n71 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.293	29.71	29.71
680.50	136100	Mid	back	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.290	29.77	
680.50	136100	Mid	back	10 mm	NR Band n71	A+B	20	CP-OFDM	QPSK	1	1	22.75	1:1	0.175	30.32	
680.50	136100	Mid	front	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.126	33.38	
680.50	136100	Mid	front	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.127	33.35	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.097	34.51	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.099	34.43	
680.50	136100	Mid	right	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.266	30.13	
680.50	136100	Mid	right	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.232	30.74	
680.50	136100	Mid	left	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.139	32.95	
680.50	136100	Mid	left	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.110	33.98	
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.172	32.02	
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.181	31.81	
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	CP-OFDM	QPSK	1	1	22.75	1:1	0.110	32.34	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.057	36.82	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.068	36.06	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.044	37.95	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.046	37.76	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.148	32.68	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.173	32.01	

Table A-51
DSI = 7 P_{Limit} Calculations – NR Band n12 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.282	30.16	29.37
707.50	141500	Mid	back	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.315	29.80	
707.50	141500	Mid	front	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.155	32.76	
707.50	141500	Mid	front	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.171	32.45	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.082	35.52	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.091	35.19	
707.50	141500	Mid	right	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.338	29.37	
707.50	141500	Mid	right	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.309	29.88	
707.50	141500	Mid	right	10 mm	NR Band n12	A+B	15	CP-OFDM	QPSK	1	1	23.30	1:1	0.225	29.78	
707.50	141500	Mid	left	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.174	32.25	
707.50	141500	Mid	left	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.196	31.86	
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.160	32.62	
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.176	32.32	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.053	37.42	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.079	35.80	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.062	36.74	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.068	36.45	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.160	32.62	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.195	31.88	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	CP-OFDM	QPSK	1	1	23.30	1:1	0.139	31.87	

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Table A-52
DSI = 7 P_{Limit} Calculations – NR Band n5 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.237	30.72	28.50
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.238	30.90	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.106	34.22	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.109	34.30	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.064	36.41	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.067	36.41	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.242	30.63	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.241	30.85	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A+B	20	CP-OFDM	QPSK	1	1	23.05	1:1	0.183	30.43	
836.50	167300	Mid	left	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.105	34.26	
836.50	167300	Mid	left	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.109	34.30	
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.289	29.86	
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.289	30.06	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.080	35.44	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.082	35.53	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.178	31.97	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.176	32.21	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.394	28.52	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.394	28.72	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A	20	CP-OFDM	QPSK	1	1	23.05	1:1	0.285	28.50	

Table A-53
DSI = 7 P_{Limit} Calculations – NR Band n66 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.230	24.89	21.93
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.224	24.90	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.094	28.78	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.089	28.91	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.349	23.08	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.340	23.09	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	B	40	CP-OFDM	QPSK	1	1	18.29	1:1	0.433	21.93	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.079	29.53	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.074	29.71	
1745.00	349000	Mid	left	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.027	34.20	
1745.00	349000	Mid	left	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.027	34.09	
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.220	26.05	21.25
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.238	25.68	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.091	29.88	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.095	29.67	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.567	21.93	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.538	22.14	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	19.35	1:1	0.646	21.25	
1745.00	349000	Mid	left	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.085	30.18	
1745.00	349000	Mid	left	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.086	30.11	

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Table A-54
DSI = 7 P_{Limit} Calculations – NR Band n25 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.183	24.91	21.39
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.179	24.96	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.115	26.92	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.108	27.16	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.411	21.39	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.387	21.61	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	B	40	CP-OFDM	QPSK	1	1	17.29	1:1	0.352	21.82	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.080	28.50	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.082	28.35	
1882.50	376500	Mid	left	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.040	31.51	
1882.50	376500	Mid	left	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.040	31.47	
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.171	27.36	22.49
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.173	27.28	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.065	31.56	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.064	31.60	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.515	22.57	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.496	22.71	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	19.54	1:1	0.507	22.49	
1882.50	376500	Mid	left	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.074	31.00	
1882.50	376500	Mid	left	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.068	31.33	

Table A-55
DSI = 7 P_{Limit} Calculations – NR Band n30 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.167	24.46	21.83
2310.00	462000	Mid	back	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.172	24.33	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.037	31.01	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.040	30.67	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.297	21.96	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.306	21.83	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	16.66	1:1	0.291	22.02	
2310.00	462000	Mid	right	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.029	32.07	
2310.00	462000	Mid	right	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.033	31.50	
2310.00	462000	Mid	left	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.016	34.65	
2310.00	462000	Mid	left	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.017	34.39	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.114	28.98	25.05
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.118	28.77	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.053	32.31	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.056	32.01	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.269	25.25	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.278	25.05	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.65	1:1	0.265	25.42	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.069	31.16	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.072	30.92	

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Table A-56
DSI = 7 P_{Limit} Calculations – NR Band n7 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.206	23.94	19.89
2535.00	507000	Mid	back	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.216	23.65	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.097	27.21	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.100	26.99	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.505	20.05	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.513	19.89	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	16.98	1:1	0.498	20.01	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	17.13	1:1	0.503	20.11	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.062	29.16	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.069	28.60	
2535.00	507000	Mid	left	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.026	32.93	
2535.00	507000	Mid	left	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.028	32.52	
2535.00	507000	Mid	back	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.092	28.32	24.07
2535.00	507000	Mid	back	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	108	17.81	1:1	0.105	27.60	
2535.00	507000	Mid	front	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.037	32.28	
2535.00	507000	Mid	front	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	108	17.81	1:1	0.038	32.01	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.176	25.50	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	108	17.81	1:1	0.204	24.71	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	CP-OFDM	QPSK	1	1	17.84	1:1	0.238	24.07	
2535.00	507000	Mid	left	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.045	31.43	
2535.00	507000	Mid	left	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	108	17.81	1:1	0.051	30.73	

Table A-57
DSI = 7 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.121	27.19	24.76
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.093	28.22	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.047	31.30	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.042	31.67	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.205	24.90	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.167	25.67	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	0.204	24.76	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.049	31.12	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.036	32.34	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.216	21.85	19.36
2592.99	518598	Mid	front	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.089	25.70	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.383	19.36	
2592.99	518598	Mid	right	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.051	28.11	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.013	34.05	
2592.99	518598	Mid	back	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.025	30.96	30.63
2592.99	518598	Mid	front	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.002	41.93	
2592.99	518598	Mid	top	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.027	30.63	
2592.99	518598	Mid	right	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.000	54.94	
2592.99	518598	Mid	back	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.013	29.83	29.83
2592.99	518598	Mid	front	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.002	37.96	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.011	30.56	
2592.99	518598	Mid	left	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.000	50.97	

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Table A-58
DSI = 7 P_{Limit} Calculations – NR Band n48 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.160	26.15	22.19
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.154	26.16	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.063	30.20	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.060	30.26	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.316	23.19	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.306	23.18	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	17.75	1:1	0.360	22.19	
3624.99	641666	Mid	left	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.104	28.02	
3624.99	641666	Mid	left	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.102	27.95	
3624.99	641666	Mid	back	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.024	30.55	28.79
3624.99	641666	Mid	front	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.010	34.35	
3624.99	641666	Mid	top	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.036	28.79	
3624.99	641666	Mid	right	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.029	29.73	
3624.99	641666	Mid	back	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.082	26.52	26.52
3624.99	641666	Mid	front	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.006	37.88	
3624.99	641666	Mid	top	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.081	26.58	
3624.99	641666	Mid	right	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.019	32.87	
3624.99	641666	Mid	left	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.002	42.65	
3624.99	641666	Mid	back	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.078	23.81	23.81
3624.99	641666	Mid	front	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.007	34.28	
3624.99	641666	Mid	bottom	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.069	24.34	
3624.99	641666	Mid	left	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.009	33.19	

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Table A-59
DSI = 7 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.189	25.46	23.59
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.188	25.33	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.058	30.59	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.060	30.29	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.276	23.81	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.269	23.77	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	0.272	23.59	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.081	29.14	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.078	29.15	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.146	27.19	24.58
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.150	26.95	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.088	29.39	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.089	29.22	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.254	24.78	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.251	24.71	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	0.239	24.58	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.197	25.89	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.190	25.92	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.031	29.91	26.62
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.002	41.81	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.066	26.62	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.008	35.79	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.000	54.82	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.082	25.83	24.88
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.005	37.98	
3500.01	633334	Mid	bottom	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.102	24.88	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.000	54.97	
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.187	25.68	22.95
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.201	25.36	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.063	30.41	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.066	30.19	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.296	23.69	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.308	23.50	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	0.349	22.95	
3750.00	650000	Low	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.067	30.14	
3750.00	650000	Low	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.060	30.61	
3930.00	662000	High	back	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.135	28.02	21.62
3930.00	662000	High	back	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.132	28.07	
3930.00	662000	High	front	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.051	32.24	
3930.00	662000	High	front	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.050	32.29	
3750.00	650000	Low	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	271	18.83	1:1	0.487	21.95	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.381	23.51	
3750.00	650000	Low	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	138	18.82	1:1	0.525	21.62	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.371	23.59	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	270	0	19.20	1:1	0.313	24.24	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	CP-OFDM	QPSK	1	1	18.86	1:1	0.311	23.93	
3930.00	662000	High	right	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.191	26.51	
3930.00	662000	High	right	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.194	26.40	
3930.00	662000	High	back	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.124	24.09	21.60
3930.00	662000	High	front	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.004	39.00	
3930.00	662000	High	top	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.220	21.60	
3930.00	662000	High	right	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.055	27.62	
3930.00	662000	High	left	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.000	55.02	
3750.00	650000	Low	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.060	27.32	26.53
3750.00	650000	Low	front	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.003	40.33	
3750.00	650000	Low	bottom	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.072	26.53	
3750.00	650000	Low	left	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.002	42.09	

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Table A-60
DSI = 1 P_{Limit} Calculations – GPRS Phablet SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	12 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.286	34.19	29.48
836.60	190	front	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.061	40.90	
836.60	190	bottom	14 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.102	38.66	
836.60	190	right	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.711	30.23	
836.60	190	left	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.021	45.53	
836.60	190	back	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.845	29.48	
836.60	190	front	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.072	40.18	
836.60	190	bottom	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.351	33.30	
836.60	190	right	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.622	30.81	
1850.20	512	back	12 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.185	32.93	29.30
1850.20	512	front	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.427	29.30	
1850.20	512	bottom	14 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.204	32.50	
1850.20	512	right	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.245	31.71	
1850.20	512	left	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.082	36.46	

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Table A-61
DSI = 1 P_{Limit} Calculations – UMTS Phablet SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	12 mm	UMTS 850	RMC	A+B	24.52	1:1	0.276	34.09	28.03
826.40	4132	front	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.068	40.17	
826.40	4132	bottom	14 mm	UMTS 850	RMC	A+B	24.52	1:1	0.100	38.50	
826.40	4132	right	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.745	29.78	
826.40	4132	left	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.018	45.95	
826.40	4132	back	0 mm	UMTS 850	RMC	A	24.52	1:1	0.813	29.40	
826.40	4132	front	0 mm	UMTS 850	RMC	A	24.52	1:1	0.091	38.91	
826.40	4132	bottom	0 mm	UMTS 850	RMC	A	24.52	1:1	0.301	33.71	
826.40	4132	right	0 mm	UMTS 850	RMC	A	24.52	1:1	1.115	28.03	
1712.40	1312	back	12 mm	UMTS 1750	RMC	B	23.73	1:1	0.425	31.43	27.79
1712.40	1312	front	0 mm	UMTS 1750	RMC	B	23.73	1:1	0.981	27.79	
1712.40	1312	bottom	14 mm	UMTS 1750	RMC	B	23.73	1:1	0.480	30.90	
1712.40	1312	right	0 mm	UMTS 1750	RMC	B	23.73	1:1	0.729	29.08	
1712.40	1312	left	0 mm	UMTS 1750	RMC	B	23.73	1:1	0.184	35.06	
1880.00	9400	back	12 mm	UMTS 1900	RMC	B	24.12	1:1	0.336	32.84	28.48
1880.00	9400	front	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.916	28.48	
1880.00	9400	bottom	14 mm	UMTS 1900	RMC	B	24.12	1:1	0.453	31.54	
1880.00	9400	right	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.551	30.69	
1880.00	9400	left	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.162	36.00	

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Table A-62
DSI = 1 P_{Limit} Calculations – LTE Band 71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	133297	Mid	back	12 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.355	32.81	27.75
680.50	133297	Mid	front	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.037	42.63	
680.50	133297	Mid	bottom	14 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.199	35.32	
680.50	133297	Mid	right	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	1.137	27.75	
680.50	133297	Mid	left	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.460	31.68	
680.50	133297	Mid	back	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.681	29.98	
680.50	133297	Mid	front	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.023	44.69	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.461	31.67	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.871	28.91	

Table A-63
DSI = 1 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	12 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.298	33.65	27.82
707.50	23095	Mid	front	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.038	42.59	
707.50	23095	Mid	bottom	14 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.216	35.04	
707.50	23095	Mid	right	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	1.139	27.82	
707.50	23095	Mid	left	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.031	43.48	
707.50	23095	Mid	back	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	0.671	30.12	
707.50	23095	Mid	front	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	0.026	44.24	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	0.526	31.18	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	1.032	28.25	

Table A-64
DSI = 1 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	12 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.338	33.59	28.19
782.00	23230	Mid	front	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.057	41.32	
782.00	23230	Mid	bottom	14 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.206	35.74	
782.00	23230	Mid	right	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	1.172	28.19	
782.00	23230	Mid	left	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.069	40.49	
782.00	23230	Mid	back	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.787	29.92	
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.018	46.33	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.424	32.61	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.951	29.10	

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Table A-65
DSI = 1 P_{Limit} Calculations – LTE Band 14 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	23330	Mid	back	12 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.381	32.88	28.22
793.00	23330	Mid	front	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.055	41.29	
793.00	23330	Mid	bottom	14 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.111	38.24	
793.00	23330	Mid	right	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	1.113	28.22	
793.00	23330	Mid	left	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.055	41.29	
793.00	23330	Mid	back	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.792	29.70	
793.00	23330	Mid	front	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.031	43.78	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.295	33.99	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.955	28.89	

Table A-66
DSI = 1 P_{Limit} Calculations – LTE Band 26 (Cell) Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	12 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.216	34.65	26.79
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.058	40.37	
831.50	26865	Mid	bottom	14 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.108	37.67	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	1.281	26.92	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.055	40.60	
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	0.741	29.30	
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	0.088	38.55	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	0.374	32.27	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	1.321	26.79	

Table A-67
DSI = 1 P_{Limit} Calculations – LTE Band 5 (Cell) Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	20525	Mid	back	12 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.196	35.44	27.00
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.049	41.46	
836.50	20525	Mid	bottom	14 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.099	38.40	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	1.268	27.33	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.047	41.64	
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	0.781	29.43	
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	0.078	39.44	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	0.404	32.30	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	1.366	27.00	

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Table A-68
DSI = 1 P_{Limit} Calculations – LTE Band 66 (AWS) Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	back	12 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.304	33.55	28.68
1770.00	132572	High	back	12 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.247	33.52	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.927	28.71	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.753	28.68	
1770.00	132572	High	bottom	14 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.365	32.76	
1770.00	132572	High	bottom	14 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.321	32.38	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.736	29.71	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.571	29.88	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.155	36.48	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.124	36.52	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.993	24.12	21.73
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.167	31.86	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	1.470	22.42	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.87	1:1	1.630	21.73	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.77	1:1	1.570	21.79	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	1.500	22.27	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.215	30.77	

Table A-69
DSI = 1 P_{Limit} Calculations – LTE Band 25 (PCS) Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	26365	Mid	back	12 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.312	33.30	28.33
1882.50	26365	Mid	back	12 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.244	33.09	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.967	28.39	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.730	28.33	
1882.50	26365	Mid	bottom	14 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.414	32.07	
1882.50	26365	Mid	bottom	14 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.326	31.83	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.528	31.01	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.405	30.88	
1882.50	26365	Mid	left	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.165	36.06	
1882.50	26365	Mid	left	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.135	35.66	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	1.026	23.92	21.27
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	0.211	30.79	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	1.370	22.66	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.96	0	1:1	1.380	22.54	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.61	0	1:1	1.490	21.86	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.52	0	1:1	1.670	21.27	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	100	0	19.76	0	1:1	1.390	22.31	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	0.266	29.78	

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Table A-70
DSI = 1 P_{Limit} Calculations – LTE Band 30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	back	12 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.261	31.66	29.39
2310.00	27710	Mid	back	12 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.260	31.64	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.409	29.71	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.436	29.39	
2310.00	27710	Mid	bottom	14 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.324	30.72	
2310.00	27710	Mid	bottom	14 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.324	30.68	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.385	29.97	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.398	29.79	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.199	32.84	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.198	32.82	
2310.00	27710	Mid	back	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	0.977	24.01	21.55
2310.00	27710	Mid	front	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	0.226	30.37	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	1.720	21.55	
2310.00	27710	Mid	left	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	0.251	29.91	

Table A-71
DSI = 1 P_{Limit} Calculations – LTE Band 7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	21100	Mid	back	12 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.251	31.86	28.92
2535.00	21100	Mid	back	12 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.248	31.91	
2535.00	21100	Mid	front	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.494	28.92	
2535.00	21100	Mid	front	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.492	28.94	
2535.00	21100	Mid	bottom	14 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.337	30.58	
2535.00	21100	Mid	bottom	14 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.337	30.58	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.293	31.19	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.288	31.27	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.191	33.05	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.196	32.94	
2560.00	21350	High	back	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	0.877	22.85	21.27
2560.00	21350	High	front	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	0.187	29.56	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	1.261	21.27	
2560.00	21350	High	left	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	0.291	27.64	

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Table A-72
DSI = 1 P_{Limit} Calculations – LTE Band 41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2680.00	41490	High	back	12 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.149	32.81	28.57
2680.00	41490	High	back	12 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.147	32.86	
2680.00	41490	High	front	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.396	28.57	
2680.00	41490	High	front	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.382	28.71	
2680.00	41490	High	bottom	14 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.266	30.30	
2680.00	41490	High	bottom	14 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.267	30.27	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.318	29.52	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.307	29.66	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.113	34.01	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.111	34.08	
2549.50	40185	Low-Mid	back	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	0	1:1.58	0.866	23.00	22.29
2549.50	40185	Low-Mid	front	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	0	1:1.58	0.221	28.93	
2549.50	40185	Low-Mid	top	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	0	1:1.58	1.020	22.29	
2549.50	40185	Low-Mid	left	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	0	1:1.58	0.225	28.85	

Table A-73
DSI = 1 P_{Limit} Calculations – LTE Band 48 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.997	21.88	20.14
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.211	28.62	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	1.488	20.14	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.269	27.57	

Table A-74
DSI = 1 P_{Limit} Calculations – NR Band n71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	12 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.249	34.41	28.05
680.50	136100	Mid	front	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.021	45.15	
680.50	136100	Mid	bottom	14 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.211	35.13	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	1.077	28.05	
680.50	136100	Mid	left	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.041	42.24	
680.50	136100	Mid	back	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.622	30.43	
680.50	136100	Mid	front	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.031	43.46	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.429	32.04	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.844	29.11	

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Table A-75
DSI = 1 P_{Limit} Calculations – NR Band n12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	12 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.277	34.33	28.39
707.50	141500	Mid	front	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.035	43.32	
707.50	141500	Mid	bottom	14 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.199	35.77	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	1.088	28.39	
707.50	141500	Mid	left	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.022	45.34	
707.50	141500	Mid	back	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.641	30.69	
707.50	141500	Mid	front	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.019	45.97	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.496	31.80	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	1.006	28.73	

Table A-76
DSI = 1 P_{Limit} Calculations – NR Band n5 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	167300	Mid	back	12 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.201	35.62	27.23
836.50	167300	Mid	front	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.038	42.85	
836.50	167300	Mid	bottom	14 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.102	38.56	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	1.246	27.69	
836.50	167300	Mid	left	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.039	42.74	
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.719	30.08	
836.50	167300	Mid	front	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.059	40.94	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.419	32.43	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	1.388	27.23	

Table A-77
DSI = 1 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	12 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.372	31.74	28.08
1745.00	349000	Mid	back	12 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.380	31.59	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.824	28.29	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.853	28.08	
1745.00	349000	Mid	bottom	14 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.398	31.45	
1745.00	349000	Mid	bottom	14 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.407	31.29	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.668	29.20	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.690	29.00	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.110	37.04	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.121	36.56	
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.977	23.55	20.59
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.188	30.71	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	1.630	21.33	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	1.740	21.02	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	216	0	19.37	1:1	1.800	20.80	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	19.35	1:1	1.880	20.59	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.226	29.91	

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Table A-78
DSI = 1 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	back	12 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.302	32.34	26.29
1882.50	376500	Mid	back	12 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.301	32.22	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	1.170	26.46	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	1.180	26.29	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	CP-OFDM	QPSK	1	1	21.49	1:1	0.647	27.36	
1882.50	376500	Mid	bottom	14 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.487	30.26	
1882.50	376500	Mid	bottom	14 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.506	29.97	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.616	29.24	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.644	28.92	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.222	33.68	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.238	33.24	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.968	23.81	21.15
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.277	29.24	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	1.740	21.26	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	1.770	21.16	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	216	0	19.58	1:1	1.740	21.15	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	19.54	1:1	1.590	21.51	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.229	30.07	

Table A-79
DSI = 1 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	462000	Mid	back	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.252	31.62	30.07
2310.00	462000	Mid	back	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.262	31.62	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.299	30.87	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.308	30.91	
2310.00	462000	Mid	bottom	14 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.331	30.43	
2310.00	462000	Mid	bottom	14 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.341	30.47	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.360	30.07	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.366	30.16	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.183	33.00	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.191	32.99	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	1.003	23.52	21.26
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.221	30.09	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	1.688	21.26	
2310.00	462000	Mid	left	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.233	29.86	

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Table A-80
DSI = 1 P_{Limit} Calculations – NR Band n7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	507000	Mid	back	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.205	32.48	28.64
2535.00	507000	Mid	back	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.220	32.01	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.439	29.17	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.470	28.71	
2535.00	507000	Mid	bottom	14 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.406	29.51	
2535.00	507000	Mid	bottom	14 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.398	29.43	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.426	29.31	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.477	28.64	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.169	33.32	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.170	33.12	
2535.00	507000	Mid	back	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.902	22.39	20.99
2535.00	507000	Mid	front	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.177	29.46	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	1.244	20.99	
2535.00	507000	Mid	left	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.198	28.97	

Table A-81
DSI = 1 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.916	22.38	19.72
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.191	29.19	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	1.670	19.77	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	1.510	20.09	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	17.88	1:1	1.530	20.01	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	1.630	19.72	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.194	29.12	
2592.99	518598	Mid	back	12 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.361	23.59	20.36
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.023	35.55	
2592.99	518598	Mid	bottom	14 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.761	20.36	
2592.99	518598	Mid	right	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.315	24.19	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.041	33.04	
2592.99	518598	Mid	back	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.451	22.38	20.52
2592.99	518598	Mid	front	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.033	33.73	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.299	24.16	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.691	20.52	
2592.99	518598	Mid	back	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.568	17.41	17.41
2592.99	518598	Mid	front	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.012	34.16	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.112	24.46	
2592.99	518598	Mid	left	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.031	30.04	

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Table A-82
DSI = 1 P_{Limit} Calculations – NR Band n48 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Serial Number	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
3624.99	641666	Mid	back	0 mm	NR Band n48	F	client	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.883	22.71	18.94
3624.99	641666	Mid	front	0 mm	NR Band n48	F	client	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.098	32.26	
3570.00	638000	Low	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	1	104	17.95	1:1	1.860	19.23	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	1.490	20.44	
3679.98	645332	High	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	1	1	17.83	1:1	1.610	19.74	
3570.00	638000	Low	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	50	56	17.70	1:1	1.880	18.94	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	1.460	20.38	
3679.98	645332	High	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	50	0	17.67	1:1	1.660	19.45	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	100	0	18.02	1:1	1.500	20.24	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	CP-OFDM	QPSK	1	1	17.75	1:1	1.690	19.45	
3624.99	641666	Mid	left	0 mm	NR Band n48	F	client	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.215	28.84	
3624.99	641666	Mid	back	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.441	21.89	21.89
3624.99	641666	Mid	front	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.033	33.14	
3624.99	641666	Mid	top	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.368	22.67	
3624.99	641666	Mid	right	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.417	22.13	
3624.99	641666	Mid	back	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.786	20.69	18.02
3624.99	641666	Mid	front	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.079	30.66	
3624.99	641666	Mid	top	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	1.451	18.02	
3624.99	641666	Mid	right	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.171	27.31	
3624.99	641666	Mid	left	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.133	28.40	
3624.99	641666	Mid	back	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.131	25.54	22.12
3624.99	641666	Mid	front	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.015	34.95	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.288	22.12	
3624.99	641666	Mid	left	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.121	25.88	

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Table A-83
DSI = 1 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.730	23.57	19.15
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.699	23.60	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.022	38.78	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	1.600	20.16	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	1.650	19.87	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	270	0	18.06	1:1	1.730	19.66	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	1.890	19.15	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.451	25.66	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	N/A	1	1	18.83	1:1	0.892	23.31	20.88
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	N/A	1	1	18.83	1:1	0.078	33.89	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	1.460	21.17	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	1.440	21.11	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	1.400	20.88	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	N/A	1	1	18.83	1:1	0.961	22.98	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.744	20.08	16.99
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.061	30.95	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	1.516	16.99	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.198	25.83	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.121	27.97	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.251	24.95	19.46
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.031	34.04	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.889	19.46	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.184	26.30	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.821	23.24	19.63
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.820	23.23	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.039	36.47	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	1.680	20.13	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	1.880	19.63	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	1.750	19.94	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	1.830	19.64	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	1.870	19.63	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	1.630	20.24	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.446	25.89	
3930.00	662000	High	back	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.916	23.68	23.16
3930.00	662000	High	front	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.077	34.43	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.773	24.42	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.753	24.49	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	CP-OFDM	QPSK	1	1	18.86	1:1	0.671	24.57	
3930.00	662000	High	right	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	1.032	23.16	
3930.00	662000	High	back	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.283	24.48	18.59
3930.00	662000	High	front	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.055	31.60	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	14.74	1:1	0.566	21.19	
3930.00	662000	High	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	1.100	18.59	
3930.00	662000	High	right	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.201	25.97	
3930.00	662000	High	left	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.155	27.10	
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.241	25.26	19.81
3750.00	650000	Low	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.025	35.10	
3750.00	650000	Low	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.845	19.81	
3750.00	650000	Low	left	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.215	25.75	

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Table A-84
DSI = 3 P_{Limit} Calculations – GPRS Phablet SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.931	29.06	29.06
836.60	190	front	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.061	40.90	
836.60	190	bottom	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.463	32.09	
836.60	190	right	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.711	30.23	
836.60	190	left	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.021	45.53	
836.60	190	back	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.845	29.48	
836.60	190	front	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.072	40.18	
836.60	190	bottom	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.351	33.30	
836.60	190	right	0 mm	GSM 850	GPRS	A	3	29.20	1:2.76	0.622	30.81	
1850.20	512	back	0 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.632	22.79	22.74
1850.20	512	front	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.427	29.30	
1850.20	512	bottom	0 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.639	22.74	
1850.20	512	right	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.245	31.71	
1850.20	512	left	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.082	36.46	

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Table A-85
DSI = 3 P_{Limit} Calculations – UMTS Phablet SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.831	29.30	28.03
826.40	4132	front	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.068	40.17	
826.40	4132	bottom	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.413	32.34	
826.40	4132	right	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.745	29.78	
826.40	4132	left	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.018	45.95	
826.40	4132	back	0 mm	UMTS 850	RMC	A	24.52	1:1	0.813	29.40	
826.40	4132	front	0 mm	UMTS 850	RMC	A	24.52	1:1	0.091	38.91	
826.40	4132	bottom	0 mm	UMTS 850	RMC	A	24.52	1:1	0.301	33.71	
826.40	4132	right	0 mm	UMTS 850	RMC	A	24.52	1:1	1.115	28.03	
1752.60	1513	back	0 mm	UMTS 1750	RMC	B	18.28	1:1	0.837	23.03	21.73
1712.40	1312	front	0 mm	UMTS 1750	RMC	B	23.73	1:1	0.981	27.79	
1752.60	1513	bottom	0 mm	UMTS 1750	RMC	B	18.28	1:1	1.130	21.73	
1712.40	1312	right	0 mm	UMTS 1750	RMC	B	23.73	1:1	0.729	29.08	
1712.40	1312	left	0 mm	UMTS 1750	RMC	B	23.73	1:1	0.184	35.06	
1852.40	9262	back	0 mm	UMTS 1900	RMC	B	18.43	1:1	0.787	23.45	22.12
1880.00	9400	front	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.916	28.48	
1852.40	9262	bottom	0 mm	UMTS 1900	RMC	B	18.43	1:1	1.070	22.12	
1880.00	9400	right	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.551	30.69	
1880.00	9400	left	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.162	36.00	

Table A-86
DSI = 3 P_{Limit} Calculations – LTE Band 71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	133297	Mid	back	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.755	29.53	27.75
680.50	133297	Mid	front	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.037	42.63	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.688	29.93	
680.50	133297	Mid	right	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	1.137	27.75	
680.50	133297	Mid	left	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.460	31.68	
680.50	133297	Mid	back	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.681	29.98	
680.50	133297	Mid	front	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.023	44.69	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.461	31.67	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	0	24.33	0	1:1	0.871	28.91	

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Table A-87
DSI = 3 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.777	29.49	27.82
707.50	23095	Mid	front	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.038	42.59	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.657	30.21	
707.50	23095	Mid	right	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	1.139	27.82	
707.50	23095	Mid	left	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.031	43.48	
707.50	23095	Mid	back	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	0.671	30.12	
707.50	23095	Mid	front	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	0.026	44.24	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	0.526	31.18	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	25	24.41	0	1:1	1.032	28.25	

Table A-88
DSI = 3 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.955	29.08	28.19
782.00	23230	Mid	front	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.057	41.32	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.497	31.92	
782.00	23230	Mid	right	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	1.172	28.19	
782.00	23230	Mid	left	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.069	40.49	
782.00	23230	Mid	back	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.787	29.92	
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.018	46.33	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.424	32.61	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	25	24.90	0	1:1	0.951	29.10	

Table A-89
DSI = 3 P_{Limit} Calculations – LTE Band 14 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	23330	Mid	back	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.993	28.72	28.22
793.00	23330	Mid	front	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.055	41.29	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.455	32.11	
793.00	23330	Mid	right	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	1.113	28.22	
793.00	23330	Mid	left	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.055	41.29	
793.00	23330	Mid	back	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.792	29.70	
793.00	23330	Mid	front	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.031	43.78	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.295	33.99	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	25	24.71	0	1:1	0.955	28.89	

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Table A-90
DSI = 3 P_{Limit} Calculations – LTE Band 26 (Cell) Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.788	29.03	26.79
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.058	40.37	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.419	31.78	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	1.281	26.92	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.055	40.60	
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	0.741	29.30	
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	0.088	38.55	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	0.374	32.27	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.02	0	1:1	1.321	26.79	

Table A-91
DSI = 3 P_{Limit} Calculations – LTE Band 5 (Cell) Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.871	28.96	27.00
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.049	41.46	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.456	31.77	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	1.268	27.33	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.047	41.64	
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	0.781	29.43	
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	0.078	39.44	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	0.404	32.30	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	25	24.38	0	1:1	1.366	27.00	

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Table A-92
DSI = 3 P_{Limit} Calculations – LTE Band 66 (AWS) Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	1.260	21.48	20.69
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	1.270	21.38	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.927	28.71	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.753	28.68	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	1.480	20.78	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.27	1:1	1.430	20.69	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.28	1:1	1.260	21.26	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	1.060	22.16	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.736	29.71	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.571	29.88	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.155	36.48	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.124	36.52	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.993	24.12	21.73
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.167	31.86	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	1.470	22.42	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.87	1:1	1.630	21.73	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.77	1:1	1.570	21.79	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	1.500	22.27	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.215	30.77	

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Table A-93
DSI = 3 P_{Limit} Calculations – LTE Band 25 (PCS) Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	0.846	22.86	21.76
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	0.885	22.62	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.967	28.39	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.730	28.33	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	1.010	22.09	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	1.080	21.76	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.528	31.01	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.405	30.88	
1882.50	26365	Mid	left	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.165	36.06	
1882.50	26365	Mid	left	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.135	35.66	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	1.026	23.92	21.27
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	0.211	30.79	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	1.370	22.66	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	19.73	0	1:1	1.480	22.01	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	19.73	0	1:1	1.590	21.70	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.96	0	1:1	1.380	22.54	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	0	19.61	0	1:1	1.490	21.86	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.52	0	1:1	1.670	21.27	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	100	0	19.76	0	1:1	1.390	22.31	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	20.05	0	1:1	0.266	29.78	

Table A-94
DSI = 3 P_{Limit} Calculations – LTE Band 30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	back	0 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	0.635	22.36	20.37
2310.00	27710	Mid	back	0 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	0.636	22.23	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.409	29.71	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.436	29.39	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	0.993	20.42	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	0.976	20.37	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.385	29.97	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.398	29.79	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.199	32.84	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.198	32.82	
2310.00	27710	Mid	back	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	0.977	24.01	21.55
2310.00	27710	Mid	front	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	0.226	30.37	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	1.720	21.55	
2310.00	27710	Mid	left	0 mm	LTE Band 30	F	10	QPSK	1	0	19.93	0	1:1	0.251	29.91	

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Table A-95
DSI = 3 P_{Limit} Calculations – LTE Band 7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	1	0	17.45	0	1:1	0.926	21.76	18.53
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	50	50	17.41	0	1:1	0.880	21.94	
2535.00	21100	Mid	front	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.494	28.92	
2535.00	21100	Mid	front	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.492	28.94	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	1	99	17.24	0	1:1	1.820	18.62	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	B	20	QPSK	1	50	17.22	0	1:1	1.850	18.53	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	1	0	17.45	0	1:1	1.780	18.93	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	50	50	17.41	0	1:1	1.730	19.01	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	100	0	17.23	0	1:1	1.680	18.96	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.293	31.19	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.288	31.27	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.191	33.05	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.196	32.94	
2560.00	21350	High	back	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	0.877	22.85	21.27
2560.00	21350	High	front	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	0.187	29.56	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	1.261	21.27	
2560.00	21350	High	left	0 mm	LTE Band 7	F	20	QPSK	1	99	18.30	0	1:1	0.291	27.64	

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Table A-96
DSI = 3 P_{Limit} Calculations – LTE Band 41 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	B	20	QPSK	1	50	17.91	1:1.58	0.700	21.45	18.01
2593.00	40620	Mid	back	0 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.690	21.64	
2680.00	41490	High	front	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.396	28.57	
2680.00	41490	High	front	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.382	28.71	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	17.69	1:1.58	1.200	18.89	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	99	17.82	1:1.58	1.270	18.78	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	1.430	18.35	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	17.82	1:1.58	1.450	18.20	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	17.86	1:1.58	1.530	18.01	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.73	1:1.58	1.240	18.79	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.74	1:1.58	1.360	18.40	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	1.460	18.38	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.79	1:1.58	1.430	18.23	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.92	1:1.58	1.490	18.18	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	100	0	17.86	1:1.58	1.450	18.24	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.318	29.52	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.307	29.66	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.113	34.01	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.111	34.08	
2549.50	40185	Low-Mid	back	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.866	23.00	22.29
2549.50	40185	Low-Mid	front	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.221	28.93	
2549.50	40185	Low-Mid	top	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	1.020	22.29	
2549.50	40185	Low-Mid	left	0 mm	LTE Band 41	F	20	QPSK	1	50	20.38	1:1.58	0.225	28.85	

Table A-97
DSI = 3 P_{Limit} Calculations – LTE Band 48 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.997	21.88	20.14
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.211	28.62	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	1.488	20.14	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.269	27.57	

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Table A-98
DSI = 3 P_{Limit} Calculations – NR Band n71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.722	29.78	28.05
680.50	136100	Mid	front	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.021	45.15	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.657	30.19	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	1.077	28.05	
680.50	136100	Mid	left	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.041	42.24	
680.50	136100	Mid	back	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.622	30.43	
680.50	136100	Mid	front	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.031	43.46	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.429	32.04	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.844	29.11	

Table A-99
DSI = 3 P_{Limit} Calculations – NR Band n12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.708	30.26	28.39
707.50	141500	Mid	front	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.035	43.32	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.596	31.01	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	1.088	28.39	
707.50	141500	Mid	left	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.022	45.34	
707.50	141500	Mid	back	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.641	30.69	
707.50	141500	Mid	front	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.019	45.97	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.496	31.80	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	1.006	28.73	

Table A-100
DSI = 3 P_{Limit} Calculations – NR Band n5 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	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 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.866	29.27	27.23
836.50	167300	Mid	front	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.038	42.85	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.648	30.53	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	1.246	27.69	
836.50	167300	Mid	left	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.039	42.74	
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.719	30.08	
836.50	167300	Mid	front	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.059	40.94	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.419	32.43	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	1.388	27.23	

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Table A-101
DSI = 3 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	1.100	22.08	20.90
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	1.120	21.89	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.824	28.29	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.853	28.08	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	B	40	CP-OFDM	QPSK	1	1	21.70	1:1	0.685	27.32	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	1.160	21.84	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	1.110	21.93	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	B	40	CP-OFDM	QPSK	1	1	18.29	1:1	1.370	20.90	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.668	29.20	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.690	29.00	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.110	37.04	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.121	36.56	
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.977	23.55	20.59
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.188	30.71	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	1.630	21.33	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	1.740	21.02	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	216	0	19.37	1:1	1.800	20.80	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	19.35	1:1	1.880	20.59	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.226	29.91	

Table A-102
DSI = 3 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.745	22.79	20.82
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.750	22.72	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	1.170	26.46	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	1.180	26.29	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	CP-OFDM	QPSK	1	1	21.49	1:1	0.647	27.36	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	1.170	20.83	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	1.160	20.82	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.616	29.24	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.644	28.92	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.222	33.68	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.238	33.24	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.968	23.81	21.15
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.277	29.24	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	1.740	21.26	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	1.770	21.16	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	216	0	19.58	1:1	1.740	21.15	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	19.54	1:1	1.590	21.51	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.229	30.07	

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Table A-103
DSI = 3 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	462000	Mid	back	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.516	23.54	20.55
2310.00	462000	Mid	back	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.538	23.36	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.299	30.87	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.308	30.91	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.989	20.72	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	1.020	20.58	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	16.66	1:1	1.020	20.55	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.360	30.07	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.366	30.16	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	21.19	1:1	0.304	30.34	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.183	33.00	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.191	32.99	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	1.003	23.52	21.26
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.221	30.09	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	1.688	21.26	
2310.00	462000	Mid	left	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.233	29.86	

Table A-104
DSI = 3 P_{Limit} Calculations – NR Band n7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.956	21.25	17.98
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.977	21.07	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.439	29.17	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.470	28.71	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	1.990	18.07	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	1.990	17.98	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	16.98	1:1	1.880	18.22	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	17.13	1:1	1.810	18.53	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.426	29.31	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.477	28.64	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.169	33.32	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.170	33.12	
2535.00	507000	Mid	back	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.902	22.39	20.99
2535.00	507000	Mid	front	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.177	29.46	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	1.244	20.99	
2535.00	507000	Mid	left	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	214	17.96	1:1	0.198	28.97	

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Table A-105
DSI = 3 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.916	22.38	19.72
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.191	29.19	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	1.670	19.77	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	1.510	20.09	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	17.88	1:1	1.530	20.01	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	1.630	19.72	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.194	29.12	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.771	20.30	18.54
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.023	35.55	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	1.156	18.54	
2592.99	518598	Mid	right	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.315	24.19	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.041	33.04	
2592.99	518598	Mid	back	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.451	22.38	20.52
2592.99	518598	Mid	front	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.033	33.73	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.299	24.16	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.691	20.52	
2592.99	518598	Mid	back	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.568	17.41	17.41
2592.99	518598	Mid	front	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.012	34.16	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.112	24.46	
2592.99	518598	Mid	left	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.031	30.04	

Table A-106
DSI = 3 P_{Limit} Calculations – NR Band n48 Phablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Serial Number	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
3624.99	641666	Mid	back	0 mm	NR Band n48	F	client	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.883	22.71	18.94
3624.99	641666	Mid	front	0 mm	NR Band n48	F	client	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.098	32.26	
3570.00	638000	Low	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	1	104	17.95	1:1	1.860	19.23	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	1.490	20.44	
3679.98	645332	High	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	1	1	17.83	1:1	1.610	19.74	
3570.00	638000	Low	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	50	56	17.70	1:1	1.880	18.94	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	1.460	20.38	
3679.98	645332	High	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	50	0	17.67	1:1	1.660	19.45	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	DFT-S-OFDM	QPSK	100	0	18.02	1:1	1.500	20.24	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	1790M	40	CP-OFDM	QPSK	1	1	17.75	1:1	1.690	19.45	
3624.99	641666	Mid	left	0 mm	NR Band n48	F	client	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.215	28.84	
3624.99	641666	Mid	back	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.441	21.89	21.89
3624.99	641666	Mid	front	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.033	33.14	
3624.99	641666	Mid	top	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.368	22.67	
3624.99	641666	Mid	right	0 mm	NR Band n48	E	N/A	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.417	22.13	
3624.99	641666	Mid	back	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.786	20.69	18.02
3624.99	641666	Mid	front	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.079	30.66	
3624.99	641666	Mid	top	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	1.451	18.02	
3624.99	641666	Mid	right	0 mm	NR Band n48	G	client	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.171	27.31	
3624.99	641666	Mid	back	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.131	25.54	22.12
3624.99	641666	Mid	front	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.015	34.95	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.288	22.12	
3624.99	641666	Mid	left	0 mm	NR Band n48	D	N/A	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.121	25.88	

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Table A-107
DSI = 3 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.730	23.57	19.15
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.699	23.60	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.022	38.78	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	1.600	20.16	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	1.650	19.87	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	270	0	18.06	1:1	1.730	19.66	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	1.890	19.15	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.451	25.66	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	N/A	1	1	18.83	1:1	0.892	23.31	20.88
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	N/A	1	1	18.83	1:1	0.078	33.89	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	1.460	21.17	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	1.440	21.11	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	1.400	20.88	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	N/A	1	1	18.83	1:1	0.961	22.98	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.744	20.08	16.99
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.061	30.95	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	1.516	16.99	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.198	25.83	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.121	27.97	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.251	24.95	19.46
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.031	34.04	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.889	19.46	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.184	26.30	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.821	23.24	19.63
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.820	23.23	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.039	36.47	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	1.680	20.13	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	1.880	19.63	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	1.750	19.94	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	1.830	19.64	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	1.870	19.63	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	1.630	20.24	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.446	25.89	
3930.00	662000	High	back	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.916	23.68	23.16
3930.00	662000	High	front	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.077	34.43	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.773	24.42	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.753	24.49	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	CP-OFDM	QPSK	1	1	18.86	1:1	0.671	24.57	
3930.00	662000	High	right	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	1.032	23.16	
3930.00	662000	High	back	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.283	24.48	18.59
3930.00	662000	High	front	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.055	31.60	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	14.74	1:1	0.566	21.19	
3930.00	662000	High	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	1.100	18.59	
3930.00	662000	High	right	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.201	25.97	
3930.00	662000	High	left	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.155	27.10	
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.241	25.26	19.81
3750.00	650000	Low	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.025	35.10	
3750.00	650000	Low	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.845	19.81	
3750.00	650000	Low	left	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.215	25.75	

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Table A-108
DSI = 0 P_{Limit} Calculations – GPRS UMPC Body SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	14 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.413	28.61	27.97
836.60	190	front	12 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.323	29.68	
836.60	190	bottom	18 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.479	27.97	
836.60	190	right	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.254	30.72	
1850.20	512	back	14 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.265	27.39	27.39
1850.20	512	front	12 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.256	27.54	
1850.20	512	bottom	18 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.191	28.81	
1850.20	512	right	10 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.197	28.68	

Table A-109
DSI = 0 P_{Limit} Calculations – UMTS UMPC Body SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	14 mm	UMTS 850	RMC	A+B	24.52	1:1	0.445	28.04	27.95
826.40	4132	front	12 mm	UMTS 850	RMC	A+B	24.52	1:1	0.351	29.07	
826.40	4132	bottom	18 mm	UMTS 850	RMC	A+B	24.52	1:1	0.454	27.95	
826.40	4132	right	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.256	30.44	
1712.40	1312	back	14 mm	UMTS 1750	RMC	B	23.73	1:1	0.412	27.58	27.58
1712.40	1312	front	12 mm	UMTS 1750	RMC	B	23.73	1:1	0.321	28.66	
1712.40	1312	bottom	18 mm	UMTS 1750	RMC	B	23.73	1:1	0.298	28.99	
1712.40	1312	right	10 mm	UMTS 1750	RMC	B	23.73	1:1	0.350	28.29	
1880.00	9400	back	14 mm	UMTS 1900	RMC	B	24.12	1:1	0.447	27.62	27.46
1880.00	9400	front	12 mm	UMTS 1900	RMC	B	24.12	1:1	0.463	27.46	
1880.00	9400	bottom	18 mm	UMTS 1900	RMC	B	24.12	1:1	0.364	28.51	
1880.00	9400	right	10 mm	UMTS 1900	RMC	B	24.12	1:1	0.167	31.89	

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Table A-110
DSI = 0 P_{Limit} Calculations – LTE Band 71 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	133297	Mid	back	14 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.476	27.55	27.45
680.50	133297	Mid	front	12 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.385	28.48	
680.50	133297	Mid	bottom	18 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.487	27.45	
680.50	133297	Mid	right	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.160	32.29	
680.50	133297	Mid	right	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.134	31.99	

Table A-111
DSI = 0 P_{Limit} Calculations – LTE Band 12 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	14 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.419	28.19	27.74
707.50	23095	Mid	front	12 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.322	29.33	
707.50	23095	Mid	bottom	18 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.465	27.74	
707.50	23095	Mid	right	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.177	31.93	
707.50	23095	Mid	right	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.144	31.86	

Table A-112
DSI = 0 P_{Limit} Calculations – LTE Band 13 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	14 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.475	28.13	28.13
782.00	23230	Mid	front	12 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.331	29.70	
782.00	23230	Mid	bottom	18 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.455	28.32	
782.00	23230	Mid	right	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.268	30.62	
782.00	23230	Mid	right	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.208	30.54	

Table A-113
DSI = 0 P_{Limit} Calculations – LTE Band 14 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	23330	Mid	back	14 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.451	28.17	28.17
793.00	23330	Mid	front	12 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.358	29.17	
793.00	23330	Mid	bottom	18 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.441	28.27	
793.00	23330	Mid	right	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.207	31.55	
793.00	23330	Mid	right	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.166	31.48	

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Table A-114
DSI = 0 P_{Limit} Calculations – LTE Band 26 (Cell) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	14 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.456	27.43	27.36
831.50	26865	Mid	front	12 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.387	28.14	
831.50	26865	Mid	bottom	18 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.463	27.36	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.177	31.54	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.148	31.32	

Table A-115
DSI = 0 P_{Limit} Calculations – LTE Band 5 (Cell) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	20525	Mid	back	14 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.468	27.68	27.50
836.50	20525	Mid	front	12 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.371	28.69	
836.50	20525	Mid	bottom	18 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.487	27.50	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	0	1:1	0.204	31.28	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1	1:1	0.161	31.26	

Table A-116
DSI = 0 P_{Limit} Calculations – LTE Band 66 (AWS) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	back	14 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.344	29.03	28.78
1770.00	132572	High	back	14 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.266	29.22	
1770.00	132572	High	front	12 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.353	28.92	
1770.00	132572	High	front	12 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.285	28.92	
1770.00	132572	High	bottom	18 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.365	28.78	
1770.00	132572	High	bottom	18 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.273	29.11	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.294	29.72	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.241	29.65	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.297	25.38	23.80
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.294	25.37	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.208	26.93	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.208	26.87	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.410	23.98	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.422	23.80	

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Table A-117
DSI = 0 P_{Limit} Calculations – LTE Band 25 (PCS) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	26365	Mid	back	14 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.411	28.12	27.85
1882.50	26365	Mid	back	14 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.317	27.97	
1882.50	26365	Mid	front	12 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.435	27.88	
1882.50	26365	Mid	front	12 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.326	27.85	
1882.50	26365	Mid	bottom	18 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.357	28.73	
1882.50	26365	Mid	bottom	18 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.268	28.70	
1882.50	26365	Mid	right	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.357	28.73	
1882.50	26365	Mid	right	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.278	28.54	

Table A-118
DSI = 0 P_{Limit} Calculations – LTE Band 30 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	back	14 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.472	25.11	24.78
2310.00	27710	Mid	back	14 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.466	25.13	
2310.00	27710	Mid	front	12 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.433	25.49	
2310.00	27710	Mid	front	12 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.431	25.47	
2310.00	27710	Mid	bottom	18 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.496	24.90	
2310.00	27710	Mid	bottom	18 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.505	24.78	
2310.00	27710	Mid	right	10 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.182	29.25	
2310.00	27710	Mid	right	10 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.192	28.98	

Table A-119
DSI = 0 P_{Limit} Calculations – LTE Band 7 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	21100	Mid	back	14 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.622	23.94	23.83
2535.00	21100	Mid	back	14 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.595	24.13	
2510.00	20850	Low	front	12 mm	LTE Band 7	B	20	QPSK	1	99	21.74	0	1:1	0.587	24.05	
2535.00	21100	Mid	front	12 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.630	23.89	
2560.00	21350	High	front	12 mm	LTE Band 7	B	20	QPSK	1	50	21.84	0	1:1	0.633	23.83	
2535.00	21100	Mid	front	12 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.614	24.00	
2535.00	21100	Mid	bottom	18 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.573	24.30	
2535.00	21100	Mid	bottom	18 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.562	24.38	
2535.00	21100	Mid	right	10 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.137	30.51	
2535.00	21100	Mid	right	10 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.135	30.58	

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Table A-120
DSI = 0 P_{Limit} Calculations – LTE Band 41 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2680.00	41490	High	back	14 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.354	25.08	24.45
2680.00	41490	High	back	14 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.342	25.22	
2680.00	41490	High	front	12 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.370	24.88	
2680.00	41490	High	front	12 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.363	24.96	
2680.00	41490	High	bottom	18 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.409	24.45	
2680.00	41490	High	bottom	18 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.403	24.50	
2680.00	41490	High	right	10 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.138	29.17	
2680.00	41490	High	right	10 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.146	28.91	

Table A-121
DSI = 0 P_{Limit} Calculations – LTE Band 48 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.249	23.92	21.36
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	0	1:1.58	0.247	24.00	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.147	26.21	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	0	1:1.58	0.145	26.31	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.449	21.36	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	0	1:1.58	0.438	21.51	

Table A-122
DSI = 0 P_{Limit} Calculations – NR Band n71 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	14 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.365	28.77	28.36
680.50	136100	Mid	front	12 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.296	29.68	
680.50	136100	Mid	bottom	18 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.401	28.36	
680.50	136100	Mid	right	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.243	30.52	
680.50	136100	Mid	right	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.242	30.55	

Table A-123
DSI = 0 P_{Limit} Calculations – NR Band n12 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	14 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.488	27.90	27.90
707.50	141500	Mid	front	12 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.377	29.02	
707.50	141500	Mid	bottom	18 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.466	28.10	
707.50	141500	Mid	right	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.183	32.04	
707.50	141500	Mid	right	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.170	32.48	

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Table A-124
DSI = 0 P_{Limit} Calculations – NR Band n5 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	14 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.433	28.31	28.31
836.50	167300	Mid	front	12 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.399	28.66	
836.50	167300	Mid	bottom	18 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.427	28.37	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.230	30.85	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.236	30.94	

Table A-125
DSI = 0 P_{Limit} Calculations – NR Band n66 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	14 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.345	28.09	27.42
1745.00	349000	Mid	back	14 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.358	27.87	
1745.00	349000	Mid	back	14 mm	NR Band n66 (AWS)	B	40	CP-OFDM	QPSK	1	1	21.70	1:1	0.268	27.42	
1745.00	349000	Mid	front	12 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.332	28.26	
1745.00	349000	Mid	front	12 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.337	28.13	
1745.00	349000	Mid	bottom	18 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.343	28.12	
1745.00	349000	Mid	bottom	18 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.340	28.10	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.304	28.64	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.314	28.44	
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.345	24.09	23.38
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.357	23.92	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.210	26.25	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.222	25.99	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.380	23.67	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.405	23.38	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	19.35	1:1	0.361	23.77	

Table A-126
DSI = 0 P_{Limit} Calculations – NR Band n25 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	14 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.490	26.26	25.76
1882.50	376500	Mid	back	14 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.533	25.76	
1882.50	376500	Mid	back	14 mm	NR Band n25 (PCS)	B	40	CP-OFDM	QPSK	1	1	21.49	1:1	0.363	25.89	
1882.50	376500	Mid	front	12 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.463	26.50	
1882.50	376500	Mid	front	12 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.467	26.34	
1882.50	376500	Mid	bottom	18 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.393	27.22	
1882.50	376500	Mid	bottom	18 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.413	26.87	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.193	30.30	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.195	30.13	
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.120	28.90	21.73
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.124	28.73	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.202	26.64	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.197	26.72	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.610	21.84	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.621	21.73	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	19.54	1:1	0.597	21.78	

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Table A-127
DSI = 0 P_{Limit} Calculations – NR Band n30 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	14 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.273	27.29	24.78
2310.00	462000	Mid	back	14 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.425	25.54	
2310.00	462000	Mid	front	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.358	26.11	
2310.00	462000	Mid	front	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.363	26.22	
2310.00	462000	Mid	bottom	18 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.319	26.61	
2310.00	462000	Mid	bottom	18 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.506	24.78	
2310.00	462000	Mid	bottom	18 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	21.19	1:1	0.204	28.09	
2310.00	462000	Mid	right	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.137	30.28	
2310.00	462000	Mid	right	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.210	28.60	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.151	27.76	22.70
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.158	27.50	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.138	28.15	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.144	27.91	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.459	22.93	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.478	22.70	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.65	1:1	0.485	22.79	

Table A-128
DSI = 0 P_{Limit} Calculations – NR Band n7 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	14 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.731	22.98	22.86
2535.00	507000	Mid	back	14 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.716	22.90	
2535.00	507000	Mid	back	14 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	21.44	1:1	0.720	22.87	
2535.00	507000	Mid	front	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.742	22.92	
2535.00	507000	Mid	front	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.701	22.99	
2535.00	507000	Mid	front	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	21.44	1:1	0.721	22.86	
2535.00	507000	Mid	front	12 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	21.53	1:1	0.656	23.36	
2535.00	507000	Mid	bottom	18 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.626	23.65	
2535.00	507000	Mid	bottom	18 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.613	23.58	
2535.00	507000	Mid	bottom	18 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	21.44	1:1	0.628	23.46	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.223	28.14	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.305	26.61	

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Table A-129
DSI = 0 P_{Limit} Calculations – NR Band n41 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.194	25.14	23.40
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.150	26.14	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.123	27.12	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.111	27.45	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.290	23.40	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.211	24.66	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	0.270	23.55	
2592.99	518598	Mid	back	14 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.551	17.78	16.29
2592.99	518598	Mid	front	12 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.468	18.49	
2592.99	518598	Mid	bottom	18 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.777	16.29	
2592.99	518598	Mid	right	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.041	29.06	
2592.99	518598	Mid	back	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.032	29.89	29.50
2592.99	518598	Mid	front	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.029	30.32	
2592.99	518598	Mid	top	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.027	30.63	
2592.99	518598	Mid	right	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.035	29.50	
2592.99	518598	Mid	back	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.008	31.94	28.18
2592.99	518598	Mid	front	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.019	28.18	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.013	29.83	

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Table A-130
DSI = 0 P_{Limit} Calculations – NR Band n48 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.289	23.58	20.14
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.285	23.49	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.153	26.34	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.148	26.34	
3570.00	638000	Low	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	17.95	1:1	0.554	20.51	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.511	21.11	
3679.98	645332	High	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	17.83	1:1	0.576	20.23	
3570.00	638000	Low	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	17.70	1:1	0.562	20.20	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.474	21.28	
3679.98	645332	High	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	17.67	1:1	0.566	20.14	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	100	0	18.02	1:1	0.484	21.17	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	17.75	1:1	0.516	20.62	
3624.99	641666	Mid	back	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.048	27.54	26.22
3624.99	641666	Mid	front	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.038	28.55	
3624.99	641666	Mid	top	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.065	26.22	
3624.99	641666	Mid	right	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.057	26.79	
3624.99	641666	Mid	back	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.112	25.17	25.13
3624.99	641666	Mid	front	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.050	28.67	
3624.99	641666	Mid	top	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.113	25.13	
3624.99	641666	Mid	right	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.030	30.89	
3624.99	641666	Mid	back	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.074	24.04	23.49
3624.99	641666	Mid	front	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.037	27.05	
3624.99	641666	Mid	bottom	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.084	23.49	

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Table A-131
DSI = 0 P_{Limit} Calculations – NR Band n77 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.251	24.22	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.229	24.47	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.162	26.12	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.157	26.11	21.91
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.428	21.91	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.398	22.07	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	0.380	22.14	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.152	27.01	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.151	26.92	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.195	25.93	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.215	25.39	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.359	23.28	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.358	23.17	22.81
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	270	0	18.70	1:1	0.362	23.11	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	0.359	22.81	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.261	24.66	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.260	24.56	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.088	25.38	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.048	28.01	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.132	23.61	23.61
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.036	29.26	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.067	26.71	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.057	27.41	
3500.01	633334	Mid	bottom	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.131	23.80	
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.277	23.98	
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.271	24.06	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.186	25.70	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.194	25.51	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.472	21.66	20.94
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	0.556	20.94	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.485	21.53	
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	0.517	21.16	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	0.493	21.44	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	0.461	21.74	
3930.00	662000	High	back	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.227	25.76	
3930.00	662000	High	back	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.223	25.80	
3930.00	662000	High	front	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.156	27.39	
3930.00	662000	High	front	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.149	27.55	
3750.00	650000	Low	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	271	18.83	1:1	0.498	21.86	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.455	22.74	21.86
3750.00	650000	Low	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	138	18.82	1:1	0.497	21.86	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.448	22.77	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	270	0	19.20	1:1	0.371	23.51	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	CP-OFDM	QPSK	1	1	18.86	1:1	0.378	23.09	
3930.00	662000	High	right	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.132	28.11	
3930.00	662000	High	right	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.126	28.28	
3930.00	662000	High	back	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.154	23.14	
3930.00	662000	High	front	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.079	26.04	
3750.00	650000	Low	top	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	14.74	1:1	0.168	22.49	19.25
3930.00	662000	High	top	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.378	19.25	
3930.00	662000	High	right	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.051	27.94	
3750.00	650000	Low	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.086	25.75	
3750.00	650000	Low	front	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.058	27.47	24.65
3750.00	650000	Low	bottom	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.111	24.65	

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Table A-132
DSI = 2/6 P_{Limit} Calculations – GPRS UMPC Body SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.325	29.65	29.00
836.60	190	front	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.378	29.00	
836.60	190	bottom	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.255	30.70	
836.60	190	right	10 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.254	30.72	
1850.20	512	back	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.146	25.18	22.43
1850.20	512	front	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.102	26.73	
1850.20	512	bottom	10 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.275	22.43	
1850.20	512	right	10 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.197	28.68	

Table A-133
DSI = 2/6 P_{Limit} Calculations – UMTS UMPC Body SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.289	29.91	29.54
826.40	4132	front	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.315	29.54	
826.40	4132	bottom	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.266	30.27	
826.40	4132	right	10 mm	UMTS 850	RMC	A+B	24.52	1:1	0.256	30.44	
1752.60	1513	back	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.214	24.98	24.10
1752.60	1513	front	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.114	27.71	
1752.60	1513	bottom	10 mm	UMTS 1750	RMC	B	18.28	1:1	0.262	24.10	
1712.40	1312	right	10 mm	UMTS 1750	RMC	B	23.73	1:1	0.350	28.29	
1852.40	9262	back	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.191	25.62	23.60
1852.40	9262	front	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.138	27.03	
1852.40	9262	bottom	10 mm	UMTS 1900	RMC	B	18.43	1:1	0.304	23.60	
1880.00	9400	right	10 mm	UMTS 1900	RMC	B	24.12	1:1	0.167	31.89	

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Table A-134
DSI = 2/6 P_{Limit} Calculations – LTE Band 71 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	133297	Mid	back	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.401	28.30	28.30
680.50	133297	Mid	back	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.309	28.36	
680.50	133297	Mid	front	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.249	30.37	
680.50	133297	Mid	front	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.192	30.43	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.141	32.84	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.112	32.77	
680.50	133297	Mid	right	10 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.160	32.29	
680.50	133297	Mid	right	10 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.134	31.99	

Table A-135
DSI = 2/6 P_{Limit} Calculations – LTE Band 12 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.349	28.98	28.98
707.50	23095	Mid	back	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.268	29.16	
707.50	23095	Mid	front	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.249	30.45	
707.50	23095	Mid	front	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.192	30.61	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.186	31.71	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.144	31.86	
707.50	23095	Mid	right	10 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.177	31.93	
707.50	23095	Mid	right	10 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.144	31.86	

Table A-136
DSI = 2/6 P_{Limit} Calculations – LTE Band 13 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.428	28.59	28.46
782.00	23230	Mid	back	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.336	28.46	
782.00	23230	Mid	front	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.316	29.90	
782.00	23230	Mid	front	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.239	29.94	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.133	33.66	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.101	33.68	
782.00	23230	Mid	right	10 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.268	30.62	
782.00	23230	Mid	right	10 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.208	30.54	

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Table A-137
DSI = 2/6 P_{Limit} Calculations – LTE Band 14 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	23330	Mid	back	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.376	28.96	28.89
793.00	23330	Mid	back	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.301	28.89	
793.00	23330	Mid	front	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.257	30.61	
793.00	23330	Mid	front	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.206	30.54	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.124	33.78	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.099	33.72	
793.00	23330	Mid	right	10 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.207	31.55	
793.00	23330	Mid	right	10 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.166	31.48	

Table A-138
DSI = 2/6 P_{Limit} Calculations – LTE Band 26 (Cell) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.381	28.21	28.15
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.307	28.15	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.281	29.53	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.219	29.62	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.217	30.66	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.166	30.82	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.177	31.54	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.148	31.32	

Table A-139
DSI = 2/6 P_{Limit} Calculations – LTE Band 5 (Cell) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.38	1:1	0.360	28.82	28.82
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.273	28.97	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.336	29.12	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.263	29.13	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.252	30.37	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.194	30.45	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.204	31.28	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.161	31.26	

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Table A-140
DSI = 2/6 P_{Limit} Calculations – LTE Band 66 (AWS) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	0	1:1	0.232	24.85	23.04
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	0	1:1	0.231	24.80	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	0	1:1	0.143	26.95	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	0	1:1	0.145	26.82	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	0	1:1	0.352	23.04	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	0	1:1	0.345	23.06	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	0	1:1	0.294	29.72	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1	1:1	0.241	29.65	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	19.94	0	1:1	0.297	25.21	23.66
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.91	0	1:1	0.294	25.23	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	19.94	0	1:1	0.208	26.76	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.91	0	1:1	0.208	26.73	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	19.94	0	1:1	0.410	23.81	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.91	0	1:1	0.422	23.66	

Table A-141
DSI = 2/6 P_{Limit} Calculations – LTE Band 25 (PCS) UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	0.187	25.43	21.80
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	0.210	24.89	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	0.177	25.67	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	0.195	25.21	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	0.384	22.31	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	0.428	21.80	
1882.50	26365	Mid	right	10 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.357	28.73	
1882.50	26365	Mid	right	10 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.278	28.54	

Table A-142
DSI = 2/6 P_{Limit} Calculations – LTE Band 30 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	back	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	0.228	22.83	20.16
2310.00	27710	Mid	back	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	0.225	22.77	
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	0.172	24.05	
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	0.169	24.01	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	0.410	20.28	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	0.410	20.16	
2310.00	27710	Mid	right	10 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.182	29.25	
2310.00	27710	Mid	right	10 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.192	28.98	

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Table A-143
DSI = 2/6 P_{Limit} Calculations – LTE Band 7 UMPC Body SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2560.00	21350	High	back	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.439	21.03	19.61
2560.00	21350	High	back	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.430	21.08	
2560.00	21350	High	front	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.236	23.72	
2560.00	21350	High	front	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.224	23.91	
2510.00	20850	Low	bottom	10 mm	LTE Band 7	B	20	QPSK	1	99	17.24	1:1	0.579	19.61	
2535.00	21100	Mid	bottom	10 mm	LTE Band 7	B	20	QPSK	1	50	17.22	1:1	0.551	19.81	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	20	QPSK	1	0	17.45	1:1	0.591	19.73	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	20	QPSK	50	50	17.41	1:1	0.571	19.84	
2535.00	21100	Mid	right	10 mm	LTE Band 7	B	20	QPSK	1	50	21.88	1:1	0.137	30.51	
2535.00	21100	Mid	right	10 mm	LTE Band 7	B	20	QPSK	50	50	21.88	1:1	0.135	30.58	

Table A-144
DSI = 2/6 P_{Limit} Calculations – LTE Band 41 UMPC Body SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	20	QPSK	1	50	17.91	1:1.58	0.312	20.98	19.68
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.307	21.17	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	0.241	22.11	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.241	22.23	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	0.421	19.68	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.417	19.84	
2680.00	41490	High	right	10 mm	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.138	29.17	
2680.00	41490	High	right	10 mm	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.146	28.91	

Table A-145
DSI = 2/6 P_{Limit} Calculations – LTE Band 48 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.249	23.92	21.36
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	0	1:1.58	0.247	24.00	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.147	26.21	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	0	1:1.58	0.145	26.31	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	1	0	19.87	0	1:1.58	0.449	21.36	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	50	25	19.91	0	1:1.58	0.438	21.51	

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Table A-146
DSI = 2/6 P_{Limit} Calculations – NR Band n71 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.318	29.36	28.81
680.50	136100	Mid	back	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.315	29.41	
680.50	136100	Mid	back	10 mm	NR Band n71	A+B	20	CP-OFDM	QPSK	1	1	22.75	1:1	0.248	28.81	
680.50	136100	Mid	front	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.315	29.40	
680.50	136100	Mid	front	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.308	29.50	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.181	31.80	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.158	32.40	
680.50	136100	Mid	right	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.243	30.52	
680.50	136100	Mid	right	10 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.242	30.55	

Table A-147
DSI = 2/6 P_{Limit} Calculations – NR Band n12 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.357	29.13	28.89
707.50	141500	Mid	back	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.388	28.89	
707.50	141500	Mid	back	10 mm	NR Band n12	A+B	15	CP-OFDM	QPSK	1	1	23.30	1:1	0.259	29.17	
707.50	141500	Mid	front	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.276	30.25	
707.50	141500	Mid	front	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.308	29.89	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.197	31.72	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.158	32.79	
707.50	141500	Mid	right	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.183	32.04	
707.50	141500	Mid	right	10 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.170	32.48	

Table A-148
DSI = 2/6 P_{Limit} Calculations – NR Band n5 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.419	28.25	28.25
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.434	28.30	
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A+B	20	CP-OFDM	QPSK	1	1	23.05	1:1	0.294	28.37	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.283	29.95	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.292	30.02	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.254	30.42	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.257	30.57	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.230	30.85	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.236	30.94	

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Table A-149
DSI = 2/6 P_{Limit} Calculations – NR Band n66 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.227	24.95	23.63
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.237	24.65	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.127	27.47	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.126	27.40	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.306	23.65	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.300	23.63	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.304	28.64	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.314	28.44	
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.345	24.09	23.38
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.357	23.92	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.210	26.25	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.222	25.99	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.380	23.67	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.405	23.38	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	19.35	1:1	0.361	23.77	

Table A-150
DSI = 2/6 P_{Limit} Calculations – NR Band n25 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.269	23.23	21.90
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.275	23.10	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.172	25.17	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.174	25.08	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.353	22.05	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.362	21.90	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.193	30.30	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.195	30.13	
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.120	28.90	21.73
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.124	28.73	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.202	26.64	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.197	26.72	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.610	21.84	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.621	21.73	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	19.54	1:1	0.597	21.78	

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Table A-151
DSI = 2/6 P_{Limit} Calculations – NR Band n30 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	back	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.214	23.39	21.18
2310.00	462000	Mid	back	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.221	23.25	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.191	23.88	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.198	23.72	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.348	21.27	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.353	21.21	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	16.66	1:1	0.353	21.18	
2310.00	462000	Mid	right	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.137	30.28	
2310.00	462000	Mid	right	10 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.210	28.60	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.151	27.76	22.70
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.158	27.50	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.138	28.15	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.144	27.91	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.459	22.93	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.478	22.70	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.65	1:1	0.485	22.79	

Table A-152
DSI = 2/6 P_{Limit} Calculations – NR Band n7 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.256	23.00	20.72
2535.00	507000	Mid	back	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.257	22.89	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.162	24.98	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.166	24.79	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.408	20.97	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.424	20.72	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.223	28.14	
2535.00	507000	Mid	right	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.305	26.61	

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Table A-153
DSI = 2/6 P_{Limit} Calculations – NR Band n41 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.194	25.14	23.40
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.150	26.14	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.123	27.12	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.111	27.45	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.290	23.40	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.211	24.66	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	0.270	23.55	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.248	21.25	18.44
2592.99	518598	Mid	front	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.207	22.03	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.473	18.44	
2592.99	518598	Mid	right	10 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.041	29.06	
2592.99	518598	Mid	back	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.032	29.89	29.50
2592.99	518598	Mid	front	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.029	30.32	
2592.99	518598	Mid	top	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.027	30.63	
2592.99	518598	Mid	right	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.035	29.50	
2592.99	518598	Mid	back	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.008	31.94	28.18
2592.99	518598	Mid	front	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.019	28.18	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.013	29.83	

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Table A-154
DSI = 2/6 P_{Limit} Calculations – NR Band n48 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.289	23.58	20.14
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.285	23.49	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.153	26.34	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.148	26.34	
3570.00	638000	Low	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	17.95	1:1	0.554	20.51	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.511	21.11	
3679.98	645332	High	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	17.83	1:1	0.576	20.23	
3570.00	638000	Low	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	17.70	1:1	0.562	20.20	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.474	21.28	
3679.98	645332	High	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	17.67	1:1	0.566	20.14	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	100	0	18.02	1:1	0.484	21.17	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	17.75	1:1	0.516	20.62	
3624.99	641666	Mid	back	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.048	27.54	26.22
3624.99	641666	Mid	front	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.038	28.55	
3624.99	641666	Mid	top	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.065	26.22	
3624.99	641666	Mid	right	10 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.057	26.79	
3624.99	641666	Mid	back	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.112	25.17	25.13
3624.99	641666	Mid	front	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.050	28.67	
3624.99	641666	Mid	top	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.113	25.13	
3624.99	641666	Mid	right	10 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.030	30.89	
3624.99	641666	Mid	back	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.074	24.04	23.49
3624.99	641666	Mid	front	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.037	27.05	
3624.99	641666	Mid	bottom	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.084	23.49	

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Table A-155
DSI = 2/6 P_{Limit} Calculations – NR Band n77 UMPC Body SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.251	24.22	21.91
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.229	24.47	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.162	26.12	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.157	26.11	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.428	21.91	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.398	22.07	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	0.380	22.14	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.152	27.01	22.81
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.151	26.92	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.195	25.93	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.215	25.39	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.359	23.28	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.358	23.17	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	270	0	18.70	1:1	0.362	23.11	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	0.359	22.81	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.261	24.66	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.260	24.56	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.088	25.38	23.61
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.048	28.01	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.132	23.61	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.036	29.26	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.067	26.71	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.057	27.41	
3500.01	633334	Mid	bottom	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.131	23.80	
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.277	23.98	20.94
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.271	24.06	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.186	25.70	
3750.00	650000	Low	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.194	25.51	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.472	21.66	
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	0.556	20.94	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.485	21.53	
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	0.517	21.16	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	0.493	21.44	
3750.00	650000	Low	top	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	0.461	21.74	
3930.00	662000	High	back	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.227	25.76	21.86
3930.00	662000	High	back	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.223	25.80	
3930.00	662000	High	front	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.156	27.39	
3930.00	662000	High	front	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.149	27.55	
3750.00	650000	Low	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	271	18.83	1:1	0.498	21.86	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.455	22.74	
3750.00	650000	Low	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	138	18.82	1:1	0.497	21.86	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.448	22.77	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	270	0	19.20	1:1	0.371	23.51	
3930.00	662000	High	top	10 mm	NR Band n77	E	100	CP-OFDM	QPSK	1	1	18.86	1:1	0.378	23.09	
3930.00	662000	High	right	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	1	137	19.32	1:1	0.132	28.11	
3930.00	662000	High	right	10 mm	NR Band n77	E	100	DFT-S-OFDM	QPSK	135	69	19.28	1:1	0.126	28.28	
3930.00	662000	High	back	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.154	23.14	19.25
3930.00	662000	High	front	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.079	26.04	
3750.00	650000	Low	top	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	14.74	1:1	0.168	22.49	
3930.00	662000	High	top	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.378	19.25	
3930.00	662000	High	right	10 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.051	27.94	
3750.00	650000	Low	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.086	25.75	24.65
3750.00	650000	Low	front	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.058	27.47	
3750.00	650000	Low	bottom	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.111	24.65	

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Table A-156
DSI = 0 P_{Limit} Calculations – GPRS UMPC Extremity SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	14 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.195	35.85	27.48
836.60	190	front	12 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.154	36.87	
836.60	190	bottom	18 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	0.177	36.27	
824.20	128	right	0 mm	GSM 850	GPRS	A+B	3	28.97	1:2.76	0.856	29.19	
836.60	190	right	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	1.340	27.48	
848.80	251	right	0 mm	GSM 850	GPRS	A+B	3	28.95	1:2.76	1.140	27.93	
1850.20	512	back	14 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.150	33.84	30.11
1850.20	512	front	12 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.142	34.08	
1850.20	512	bottom	18 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.112	35.11	
1850.20	512	right	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.354	30.11	

Table A-157
DSI = 0 P_{Limit} Calculations – UMTS UMPC Extremity SAR Data

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	back	14 mm	UMTS 850	RMC	A+B	24.52	1:1	0.233	34.83	28.54
826.40	4132	front	12 mm	UMTS 850	RMC	A+B	24.52	1:1	0.151	36.71	
826.40	4132	bottom	18 mm	UMTS 850	RMC	A+B	24.52	1:1	0.241	34.68	
826.40	4132	right	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.990	28.54	
1712.40	1312	back	14 mm	UMTS 1750	RMC	B	23.73	1:1	0.248	33.76	27.67
1712.40	1312	front	12 mm	UMTS 1750	RMC	B	23.73	1:1	0.204	34.61	
1712.40	1312	bottom	18 mm	UMTS 1750	RMC	B	23.73	1:1	0.172	35.35	
1712.40	1312	right	0 mm	UMTS 1750	RMC	B	23.73	1:1	1.010	27.67	
1880.00	9400	back	14 mm	UMTS 1900	RMC	B	24.12	1:1	0.256	34.02	30.15
1880.00	9400	front	12 mm	UMTS 1900	RMC	B	24.12	1:1	0.258	33.98	
1880.00	9400	bottom	18 mm	UMTS 1900	RMC	B	24.12	1:1	0.210	34.88	
1880.00	9400	right	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.623	30.15	

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Table A-158
DSI = 0 P_{Limit} Calculations – LTE Band 71 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	133297	Mid	back	14 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.281	33.82	29.47
680.50	133297	Mid	front	12 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.192	35.48	
680.50	133297	Mid	bottom	18 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.293	33.64	
680.50	133297	Mid	right	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.765	29.47	
680.50	133297	Mid	right	0 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.585	29.57	

Table A-159
DSI = 0 P_{Limit} Calculations – LTE Band 12 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	14 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.261	34.22	28.72
707.50	23095	Mid	front	12 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.176	35.93	
707.50	23095	Mid	bottom	18 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.280	33.92	
707.50	23095	Mid	right	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.927	28.72	
707.50	23095	Mid	right	0 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.709	28.91	

Table A-160
DSI = 0 P_{Limit} Calculations – LTE Band 13 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	14 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.289	34.27	29.41
782.00	23230	Mid	front	12 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.160	36.84	
782.00	23230	Mid	bottom	18 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.281	34.39	
782.00	23230	Mid	right	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.866	29.50	
782.00	23230	Mid	right	0 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.674	29.41	

Table A-161
DSI = 0 P_{Limit} Calculations – LTE Band 14 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	23330	Mid	back	14 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.255	34.62	29.31
793.00	23330	Mid	front	12 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.188	35.95	
793.00	23330	Mid	bottom	18 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.296	33.98	
793.00	23330	Mid	right	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.862	29.33	
793.00	23330	Mid	right	0 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.684	29.31	

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Table A-162
DSI = 0 P_{Limit} Calculations – LTE Band 26 (Cell) UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	14 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.264	33.78	28.52
831.50	26865	Mid	front	12 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.177	35.52	
831.50	26865	Mid	bottom	18 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.267	33.73	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.888	28.52	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.700	28.55	

Table A-163
DSI = 0 P_{Limit} Calculations – LTE Band 5 (Cell) UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	14 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.288	33.77	28.32
836.50	20525	Mid	front	12 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.190	35.57	
836.50	20525	Mid	bottom	18 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.298	33.62	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	1.010	28.32	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.778	28.40	

Table A-164
DSI = 0 P_{Limit} Calculations – LTE Band 66 (AWS) UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	back	14 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.203	35.30	29.00
1770.00	132572	High	back	14 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.157	35.49	
1770.00	132572	High	front	12 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.200	35.37	
1770.00	132572	High	front	12 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.171	35.12	
1770.00	132572	High	bottom	18 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.208	35.20	
1770.00	132572	High	bottom	18 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.156	35.52	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.866	29.00	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.677	29.14	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.796	25.08	20.87
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.781	25.10	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	1.060	23.84	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	1.040	23.86	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.96	1:1	1.910	21.13	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.98	1:1	1.970	21.01	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	1.920	21.26	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.87	1:1	1.930	20.99	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.77	1:1	1.940	20.87	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	1.890	21.26	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	100	0	19.90	1:1	1.890	21.11	

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Table A-165
DSI = 0 P_{Limit} Calculations – LTE Band 25 (PCS) UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	26365	Mid	back	14 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.235	34.53	29.69
1882.50	26365	Mid	back	14 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.181	34.38	
1882.50	26365	Mid	front	12 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.244	34.37	
1882.50	26365	Mid	front	12 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.182	34.36	
1882.50	26365	Mid	bottom	18 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.207	35.08	
1882.50	26365	Mid	bottom	18 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.156	35.03	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.665	30.01	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.533	29.69	

Table A-166
DSI = 0 P_{Limit} Calculations – LTE Band 30 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	back	14 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.250	31.85	29.32
2310.00	27710	Mid	back	14 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.247	31.86	
2310.00	27710	Mid	front	12 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.225	32.31	
2310.00	27710	Mid	front	12 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.224	32.29	
2310.00	27710	Mid	bottom	18 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.270	31.52	
2310.00	27710	Mid	bottom	18 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.275	31.40	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.439	29.40	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.444	29.32	

Table A-167
DSI = 0 P_{Limit} Calculations – LTE Band 7 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	21100	Mid	back	14 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.310	30.95	30.57
2535.00	21100	Mid	back	14 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.297	31.13	
2535.00	21100	Mid	front	12 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.303	31.04	
2535.00	21100	Mid	front	12 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.295	31.16	
2535.00	21100	Mid	bottom	18 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.296	31.15	
2535.00	21100	Mid	bottom	18 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.290	31.24	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.338	30.57	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.335	30.61	

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Table A-168
DSI = 0 P_{Limit} Calculations – LTE Band 41 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2680.00	41490	High	back	14 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.172	32.19	29.82
2680.00	41490	High	back	14 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.167	32.31	
2680.00	41490	High	front	12 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.172	32.19	
2680.00	41490	High	front	12 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.168	32.28	
2680.00	41490	High	bottom	18 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.204	31.45	
2680.00	41490	High	bottom	18 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.201	31.50	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	0	1:1.58	0.297	29.82	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	0	1:1.58	0.292	29.88	

Table A-169
DSI = 0 P_{Limit} Calculations – LTE Band 48 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.453	25.30	19.71
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.445	25.42	
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.710	23.35	
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.690	23.52	
3560.00	55340	Low	top	0 mm	LTE Band 48	F	20	QPSK	1	99	19.51	1:1.58	1.410	20.01	
3603.30	55773	Low-Mid	top	0 mm	LTE Band 48	F	20	QPSK	1	99	19.81	1:1.58	1.450	20.19	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	1.370	20.50	
3690.00	56640	High	top	0 mm	LTE Band 48	F	20	QPSK	1	0	19.54	1:1.58	1.200	20.74	
3560.00	55340	Low	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.45	1:1.58	1.490	19.71	
3603.30	55773	Low-Mid	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.82	1:1.58	1.480	20.11	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	1.320	20.70	
3690.00	56640	High	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.58	1:1.58	1.180	20.86	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	100	0	19.80	1:1.58	1.330	20.56	

Table A-170
DSI = 0 P_{Limit} Calculations – NR Band n71 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	14 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.263	34.17	28.01
680.50	136100	Mid	front	12 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.178	35.87	
680.50	136100	Mid	bottom	18 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.276	33.96	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	1.080	28.03	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	1.020	28.28	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	CP-OFDM	QPSK	1	1	22.75	1:1	0.745	28.01	

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Table A-171
DSI = 0 P_{Limit} Calculations – NR Band n12 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	14 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.247	34.83	27.72
707.50	141500	Mid	front	12 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.155	36.86	
707.50	141500	Mid	bottom	18 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.268	34.48	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	1.140	28.07	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	1.270	27.72	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	CP-OFDM	QPSK	1	1	23.30	1:1	0.533	30.01	

Table A-172
DSI = 0 P_{Limit} Calculations – NR Band n5 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	167300	Mid	back	14 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.261	34.48	29.25
836.50	167300	Mid	front	12 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.176	36.19	
836.50	167300	Mid	bottom	18 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.241	34.83	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.793	29.46	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.871	29.25	

Table A-173
DSI = 0 P_{Limit} Calculations – NR Band n66 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	14 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.210	34.23	27.97
1745.00	349000	Mid	back	14 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.216	34.04	
1745.00	349000	Mid	front	12 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.211	34.21	
1745.00	349000	Mid	front	12 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.214	34.09	
1745.00	349000	Mid	bottom	18 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.198	34.48	
1745.00	349000	Mid	bottom	18 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.195	34.49	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.853	28.14	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.875	27.97	
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.950	23.67	20.45
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.999	23.43	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.895	23.93	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	1.010	23.39	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	1.850	20.78	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	1.950	20.53	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	216	0	19.37	1:1	1.940	20.47	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	19.35	1:1	1.940	20.45	

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Table A-174
DSI = 0 P_{Limit} Calculations – NR Band n25 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	back	14 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.278	32.70	29.34
1882.50	376500	Mid	back	14 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.301	32.22	
1882.50	376500	Mid	front	12 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.259	33.01	
1882.50	376500	Mid	front	12 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.262	32.83	
1882.50	376500	Mid	bottom	18 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.229	33.54	
1882.50	376500	Mid	bottom	18 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.240	33.21	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.589	29.44	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.585	29.34	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.678	25.36	20.69
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.679	25.32	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.912	24.07	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.915	24.03	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	1.860	20.97	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	1.830	21.01	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	216	0	19.58	1:1	1.890	20.79	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	19.54	1:1	1.920	20.69	

Table A-175
DSI = 0 P_{Limit} Calculations – NR Band n30 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	462000	Mid	back	14 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.146	33.99	28.99
2310.00	462000	Mid	back	14 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.227	32.24	
2310.00	462000	Mid	front	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.188	32.89	
2310.00	462000	Mid	front	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.190	33.01	
2310.00	462000	Mid	bottom	18 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.176	33.17	
2310.00	462000	Mid	bottom	18 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.279	31.34	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.461	28.99	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.472	29.06	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	21.19	1:1	0.288	30.58	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.452	26.98	20.81
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.465	26.79	
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.784	24.59	
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.776	24.57	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	1.740	21.12	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	1.810	20.89	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	50	0	19.46	1:1	1.830	20.81	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.65	1:1	1.820	21.03	

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Table A-176
DSI = 0 P_{Limit} Calculations – NR Band n7 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	507000	Mid	back	14 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.359	30.05	28.93
2535.00	507000	Mid	back	14 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.354	29.94	
2535.00	507000	Mid	front	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.352	30.13	
2535.00	507000	Mid	front	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.335	30.18	
2535.00	507000	Mid	bottom	18 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.320	30.38	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	21.62	1:1	0.450	29.07	
2535.00	507000	Mid	right	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	0	21.45	1:1	0.447	28.93	

Table A-177
DSI = 0 P_{Limit} Calculations – NR Band n41 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.330	26.81	21.07
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.282	27.38	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.510	24.92	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.446	25.39	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	1.240	21.07	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	1.120	21.39	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	17.88	1:1	1.170	21.18	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	1.160	21.19	
2592.99	518598	Mid	back	14 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.221	25.73	24.92
2592.99	518598	Mid	front	12 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.168	26.92	
2592.99	518598	Mid	bottom	18 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.266	24.92	
2592.99	518598	Mid	right	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.097	29.30	
2592.99	518598	Mid	back	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.099	28.96	25.30
2592.99	518598	Mid	front	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.171	26.59	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.230	25.30	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.152	27.10	
2592.99	518598	Mid	back	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.078	26.03	26.03
2592.99	518598	Mid	front	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.021	31.73	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.055	27.55	

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Table A-178
DSI = 0 P_{Limit} Calculations – NR Band n48 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3624.99	641666	Mid	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.449	25.65	18.14
3624.99	641666	Mid	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.437	25.61	
3624.99	641666	Mid	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.626	24.20	
3624.99	641666	Mid	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.599	24.25	
3570.00	638000	Low	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	17.95	1:1	2.300	18.31	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	1.790	19.64	
3679.98	645332	High	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	17.83	1:1	2.000	18.80	
3570.00	638000	Low	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	17.70	1:1	2.260	18.14	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	1.750	19.59	
3679.98	645332	High	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	17.67	1:1	2.010	18.62	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	100	0	18.02	1:1	1.800	19.45	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	17.75	1:1	2.020	18.68	
3624.99	641666	Mid	back	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.073	29.70	24.32
3624.99	641666	Mid	front	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.252	24.32	
3624.99	641666	Mid	top	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.220	24.91	
3624.99	641666	Mid	right	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.145	26.72	
3624.99	641666	Mid	back	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.133	28.40	23.10
3624.99	641666	Mid	front	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.161	27.57	
3624.99	641666	Mid	top	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.451	23.10	
3624.99	641666	Mid	right	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.095	29.86	
3624.99	641666	Mid	back	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.334	21.47	21.47
3624.99	641666	Mid	front	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.180	24.16	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.216	23.36	

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Table A-179
DSI = 0 P_{Limit} Calculations – NR Band n77 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.427	25.90	19.00
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.423	25.79	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.862	22.84	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.855	22.73	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	1.660	20.00	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	1.690	19.77	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	270	0	18.06	1:1	1.800	19.49	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	1.960	19.00	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.485	25.95	21.34
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.490	25.79	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.815	23.70	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.828	23.51	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	1.260	21.81	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	1.240	21.76	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	270	0	18.70	1:1	1.230	21.78	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	1.260	21.34	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.966	22.96	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.976	22.79	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.171	26.47	22.51
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.130	27.66	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.426	22.51	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.117	28.12	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.121	28.12	24.62
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.184	26.30	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.271	24.62	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.474	25.62	19.34
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.486	25.50	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	1.000	22.38	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	1.110	21.92	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.935	22.66	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	0.991	22.31	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	1.060	22.10	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	1.780	19.88	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	2.010	19.34	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	1.830	19.74	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	1.930	19.41	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	1.940	19.47	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	1.820	19.76	
3930.00	662000	High	back	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.367	27.65	21.66
3930.00	662000	High	back	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	0.376	27.51	
3930.00	662000	High	front	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.525	26.10	
3930.00	662000	High	front	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	0.527	26.04	
3750.00	650000	Low	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	271	18.83	1:1	1.270	21.77	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	1.020	23.21	
3750.00	650000	Low	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	138	18.82	1:1	1.300	21.66	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	1.160	22.61	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	270	0	19.20	1:1	0.984	23.25	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	CP-OFDM	N/A	1	1	18.86	1:1	1.030	22.71	
3930.00	662000	High	right	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.321	28.23	
3930.00	662000	High	right	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	0.320	28.21	
3930.00	662000	High	back	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.202	25.95	19.64
3930.00	662000	High	front	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.244	25.13	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	14.74	1:1	0.582	21.07	
3930.00	662000	High	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.862	19.64	
3930.00	662000	High	right	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.115	28.39	
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.640	21.02	21.02
3750.00	650000	Low	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.245	25.19	
3750.00	650000	Low	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.297	24.35	

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Table A-180
DSI = 2 P_{Limit} Calculations – GPRS UMPC Extremity SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	1.060	28.50	27.48
836.60	190	front	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	1.050	28.54	
836.60	190	bottom	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	1.140	28.18	
824.20	128	right	0 mm	GSM 850	GPRS	A+B	3	28.97	1:2.76	0.856	29.19	
836.60	190	right	0 mm	GSM 850	GPRS	A+B	3	29.20	1:2.76	1.340	27.48	
848.80	251	right	0 mm	GSM 850	GPRS	A+B	3	28.95	1:2.76	1.140	27.93	
1850.20	512	back	0 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.568	23.26	20.55
1850.20	512	front	0 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	0.415	24.62	
1850.20	512	bottom	0 mm	GSM 1900	GPRS	B	4	20.00	1:2.076	1.060	20.55	
1850.20	512	right	0 mm	GSM 1900	GPRS	B	3	26.05	1:2.76	0.354	30.11	

Table A-181
DSI = 2 P_{Limit} Calculations – UMTS UMPC Extremity SAR Data

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.								(W/kg)			
826.40	4132	back	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.864	29.13	28.54	
826.40	4132	front	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.774	29.61		
826.40	4132	bottom	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.880	29.05		
826.40	4132	right	0 mm	UMTS 850	RMC	A+B	24.52	1:1	0.990	28.54		
1752.60	1513	back	0 mm	UMTS 1750	RMC	B	18.28	1:1	0.958	22.45	19.94	
1752.60	1513	front	0 mm	UMTS 1750	RMC	B	18.28	1:1	0.599	24.49		
1712.40	1312	bottom	0 mm	UMTS 1750	RMC	B	18.25	1:1	1.630	20.11		
1732.40	1412	bottom	0 mm	UMTS 1750	RMC	B	18.16	1:1	1.660	19.94		
1752.60	1513	bottom	0 mm	UMTS 1750	RMC	B	18.28	1:1	1.530	20.41		
1712.40	1312	right	0 mm	UMTS 1750	RMC	B	23.73	1:1	1.010	27.67		
1852.40	9262	back	0 mm	UMTS 1900	RMC	B	18.43	1:1	0.864	23.04	19.12	
1852.40	9262	front	0 mm	UMTS 1900	RMC	B	18.43	1:1	0.650	24.28		
1852.40	9262	bottom	0 mm	UMTS 1900	RMC	B	18.43	1:1	1.660	20.21		
1880.00	9400	bottom	0 mm	UMTS 1900	RMC	B	18.29	1:1	1.760	19.81		
1907.60	9538	bottom	0 mm	UMTS 1900	RMC	B	18.36	1:1	2.100	19.12		
1880.00	9400	right	0 mm	UMTS 1900	RMC	B	24.12	1:1	0.623	30.15		

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Table A-182
DSI = 2 P_{Limit} Calculations – LTE Band 71 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	133297	Mid	back	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.848	29.03	29.03
680.50	133297	Mid	back	0 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.632	29.23	
680.50	133297	Mid	front	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.675	30.02	
680.50	133297	Mid	front	0 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.513	30.14	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.491	31.40	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.390	31.33	
680.50	133297	Mid	right	0 mm	LTE Band 71	A+B	20	QPSK	1	0	24.33	0	1:1	0.765	29.47	
680.50	133297	Mid	right	0 mm	LTE Band 71	A+B	20	QPSK	50	0	23.26	1	1:1	0.585	29.57	

Table A-183
DSI = 2 P_{Limit} Calculations – LTE Band 12 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	23095	Mid	back	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.868	29.00	28.72
707.50	23095	Mid	back	0 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.663	29.20	
707.50	23095	Mid	front	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.605	30.57	
707.50	23095	Mid	front	0 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.455	30.84	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.866	29.01	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.650	29.29	
707.50	23095	Mid	right	0 mm	LTE Band 12	A+B	10	QPSK	1	25	24.41	0	1:1	0.927	28.72	
707.50	23095	Mid	right	0 mm	LTE Band 12	A+B	10	QPSK	25	0	23.44	1	1:1	0.709	28.91	

Table A-184
DSI = 2 P_{Limit} Calculations – LTE Band 13 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
782.00	23230	Mid	back	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.807	29.81	29.41
782.00	23230	Mid	back	0 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.629	29.71	
782.00	23230	Mid	front	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.839	29.64	
782.00	23230	Mid	front	0 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.631	29.70	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.417	32.68	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.312	32.76	
782.00	23230	Mid	right	0 mm	LTE Band 13	A+B	10	QPSK	1	25	24.90	0	1:1	0.866	29.50	
782.00	23230	Mid	right	0 mm	LTE Band 13	A+B	10	QPSK	25	12	23.72	1	1:1	0.674	29.41	

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Table A-185
DSI = 2 P_{Limit} Calculations – LTE Band 14 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
793.00	23330	Mid	back	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.745	29.97	29.31
793.00	23330	Mid	back	0 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.585	29.99	
793.00	23330	Mid	front	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.715	30.15	
793.00	23330	Mid	front	0 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.581	30.02	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.426	32.40	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.335	32.41	
793.00	23330	Mid	right	0 mm	LTE Band 14	A+B	10	QPSK	1	25	24.71	0	1:1	0.862	29.33	
793.00	23330	Mid	right	0 mm	LTE Band 14	A+B	10	QPSK	25	12	23.68	1	1:1	0.684	29.31	

Table A-186
DSI = 2 P_{Limit} Calculations – LTE Band 26 (Cell) UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	1.170	27.32	27.24
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.946	27.24	
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.777	29.10	
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.605	29.18	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.728	29.38	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.575	29.40	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	1	36	24.02	0	1:1	0.888	28.52	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A+B	15	QPSK	36	37	23.02	1	1:1	0.700	28.55	

Table A-187
DSI = 2 P_{Limit} Calculations – LTE Band 5 (Cell) UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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+B	10	QPSK	1	25	24.38	1:1	0.972	28.48	28.32
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.754	28.54	
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.847	29.08	
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.644	29.22	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	0.789	29.39	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.618	29.40	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	1	25	24.38	1:1	1.010	28.32	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A+B	10	QPSK	25	25	23.33	1:1	0.778	28.40	

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Table A-188
DSI = 2 P_{Limit} Calculations – LTE Band 66 (AWS) UMPC Extremity SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	1.320	21.28	19.72
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	1.320	21.21	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	0.841	23.24	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	0.811	23.33	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.24	1:1	1.770	19.74	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.12	1:1	1.700	19.79	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	50	18.51	1:1	1.650	20.31	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.27	1:1	1.680	19.99	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.28	1:1	1.610	20.19	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	25	18.44	1:1	1.860	19.72	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	B	20	QPSK	100	0	18.37	1:1	1.600	20.31	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	1	99	24.40	1:1	0.866	29.00	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	B	20	QPSK	50	0	23.47	1:1	0.677	29.14	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	0.796	25.08	20.87
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	0.781	25.10	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	1.060	23.84	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	1.040	23.86	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.96	1:1	1.910	21.13	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	50	19.98	1:1	1.970	21.01	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	20.11	1:1	1.920	21.26	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.87	1:1	1.930	20.99	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.77	1:1	1.940	20.87	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	20.05	1:1	1.890	21.26	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	100	0	19.90	1:1	1.890	21.11	

Table A-189
DSI = 2 P_{Limit} Calculations – LTE Band 25 (PCS) UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	0.922	22.48	19.35
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	0.984	22.16	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	0.690	23.74	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	0.727	23.47	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	17.93	0	1:1	1.570	19.95	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.11	0	1:1	1.630	19.97	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	0	18.15	0	1:1	1.770	19.65	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.05	0	1:1	1.540	20.15	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.10	0	1:1	1.690	19.80	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	50	18.11	0	1:1	1.880	19.35	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	B	20	QPSK	100	0	17.93	0	1:1	1.790	19.38	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	1	50	24.26	0	1:1	0.665	30.01	
1882.50	26365	Mid	right	0 mm	LTE Band 25 (PCS)	B	20	QPSK	50	0	22.98	1	1:1	0.533	29.69	

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Table A-190
DSI = 2 P_{Limit} Calculations – LTE Band 30 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	back	0 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	0.768	21.54	18.87
2310.00	27710	Mid	back	0 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	0.769	21.41	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	0.639	22.33	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	0.629	22.28	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	B	10	QPSK	1	0	16.41	0	1:1	1.390	18.96	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	B	10	QPSK	25	0	16.29	0	1:1	1.380	18.87	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	1	0	21.85	0	1:1	0.439	29.40	
2310.00	27710	Mid	right	0 mm	LTE Band 30	B	10	QPSK	25	12	21.81	0	1:1	0.444	29.32	

Table A-191
DSI = 2 P_{Limit} Calculations – LTE Band 7 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	1	0	17.45	0	1:1	1.130	20.90	17.91
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	50	50	17.41	0	1:1	1.090	21.02	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	1	0	17.45	0	1:1	0.999	21.43	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	50	50	17.41	0	1:1	0.964	21.55	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	1	99	17.24	0	1:1	1.970	18.27	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	B	20	QPSK	1	50	17.22	0	1:1	2.070	18.04	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	1	0	17.45	0	1:1	2.250	17.91	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	50	50	17.18	0	1:1	1.980	18.19	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	B	20	QPSK	50	50	17.40	0	1:1	2.030	18.30	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	50	50	17.41	0	1:1	2.130	18.11	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	100	0	17.23	0	1:1	2.050	18.09	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	1	50	21.88	0	1:1	0.338	30.57	
2535.00	21100	Mid	right	0 mm	LTE Band 7	B	20	QPSK	50	50	21.88	0	1:1	0.335	30.61	

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Table A-192
DSI = 2 P_{Limit} Calculations – LTE Band 41 UMPC Extremity SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	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	B	20	QPSK	1	50	17.91	1:1.58	0.749	21.16	
2593.00	40620	Mid	back	0 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.748	21.29	
2593.00	40620	Mid	front	0 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	0.746	21.18	
2593.00	40620	Mid	front	0 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	0.739	21.34	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	17.69	1:1.58	1.470	18.01	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	99	17.82	1:1.58	1.530	17.97	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	17.91	1:1.58	1.770	17.43	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	17.82	1:1.58	1.740	17.41	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	17.86	1:1.58	1.850	17.18	17.18
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.73	1:1.58	1.460	18.08	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.74	1:1.58	1.530	17.89	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	18.03	1:1.58	1.750	17.60	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.79	1:1.58	1.710	17.46	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	17.92	1:1.58	1.790	17.39	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	100	0	17.86	1:1.58	1.760	17.40	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	1	50	22.55	1:1.58	0.297	29.82	
2680.00	41490	High	right	0 mm	LTE Band 41	B	20	QPSK	50	50	22.54	1:1.58	0.292	29.88	

Table A-193
DSI = 2 P_{Limit} Calculations – LTE Band 48 UMPC Extremity SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.453	25.30	
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.445	25.42	
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	0.710	23.35	
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	0.690	23.52	
3560.00	55340	Low	top	0 mm	LTE Band 48	F	20	QPSK	1	99	19.51	1:1.58	1.410	20.01	
3603.30	55773	Low-Mid	top	0 mm	LTE Band 48	F	20	QPSK	1	99	19.81	1:1.58	1.450	20.19	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	1	0	19.87	1:1.58	1.370	20.50	19.71
3690.00	56640	High	top	0 mm	LTE Band 48	F	20	QPSK	1	0	19.54	1:1.58	1.200	20.74	
3560.00	55340	Low	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.45	1:1.58	1.490	19.71	
3603.30	55773	Low-Mid	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.82	1:1.58	1.480	20.11	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.91	1:1.58	1.320	20.70	
3690.00	56640	High	top	0 mm	LTE Band 48	F	20	QPSK	50	25	19.58	1:1.58	1.180	20.86	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	100	0	19.80	1:1.58	1.330	20.56	

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Table A-194
DSI = 2 P_{Limit} Calculations – NR Band n71 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.812	29.26	28.01
680.50	136100	Mid	back	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.757	29.58	
680.50	136100	Mid	front	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.710	29.85	
680.50	136100	Mid	front	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.684	30.02	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	0.532	31.10	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	0.453	31.81	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	1	1	24.38	1:1	1.080	28.03	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	DFT-S-OFDM	QPSK	50	28	24.39	1:1	1.020	28.28	
680.50	136100	Mid	right	0 mm	NR Band n71	A+B	20	CP-OFDM	QPSK	1	1	22.75	1:1	0.745	28.01	

Table A-195
DSI = 2 P_{Limit} Calculations – NR Band n12 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.847	29.36	27.72
707.50	141500	Mid	back	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.938	29.04	
707.50	141500	Mid	front	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.760	29.83	
707.50	141500	Mid	front	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	0.826	29.59	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	0.961	28.81	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	1.060	28.51	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	1	1	24.66	1:1	1.140	28.07	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	DFT-S-OFDM	QPSK	36	22	24.78	1:1	1.270	27.72	
707.50	141500	Mid	right	0 mm	NR Band n12	A+B	15	CP-OFDM	QPSK	1	1	23.30	1:1	0.533	30.01	

Table A-196
DSI = 2 P_{Limit} Calculations – NR Band n5 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	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 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	1.010	28.41	28.36
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	1.060	28.40	
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	A+B	20	CP-OFDM	QPSK	1	1	23.05	1:1	0.736	28.36	
836.50	167300	Mid	front	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.816	29.33	
836.50	167300	Mid	front	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.872	29.24	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.725	29.85	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.744	29.93	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	1	53	24.47	1:1	0.793	29.46	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A+B	20	DFT-S-OFDM	QPSK	50	28	24.67	1:1	0.871	29.25	

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Table A-197
DSI = 2 P_{Limit} Calculations – NR Band n66 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.903	22.93	19.94
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.943	22.63	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	0.671	24.22	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	0.658	24.20	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	18.51	1:1	1.620	20.39	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	108	18.40	1:1	1.650	20.20	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	B	40	CP-OFDM	QPSK	1	1	18.29	1:1	1.710	19.94	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	1	108	23.47	1:1	0.853	28.14	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	B	40	DFT-S-OFDM	QPSK	108	54	23.41	1:1	0.875	27.97	
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.950	23.67	20.45
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	0.999	23.43	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	0.895	23.93	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	1.010	23.39	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	1	108	19.47	1:1	1.850	20.78	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	108	108	19.45	1:1	1.950	20.53	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	DFT-S-OFDM	QPSK	216	0	19.37	1:1	1.940	20.47	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	F	40	CP-OFDM	QPSK	1	1	19.35	1:1	1.940	20.45	

Table A-198
DSI = 2 P_{Limit} Calculations – NR Band n25 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.861	22.16	18.79
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.885	22.00	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	0.640	23.45	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	0.652	23.33	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	17.53	1:1	1.670	19.28	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	0	17.49	1:1	1.750	19.04	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	216	0	17.43	1:1	1.820	18.81	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	B	40	CP-OFDM	QPSK	1	1	17.29	1:1	1.770	18.79	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	1	108	23.16	1:1	0.589	29.44	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	B	40	DFT-S-OFDM	QPSK	108	54	23.03	1:1	0.585	29.34	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.678	25.36	20.69
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.679	25.32	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	0.912	24.07	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	0.915	24.03	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	1	108	19.69	1:1	1.860	20.97	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	108	108	19.66	1:1	1.830	21.01	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	DFT-S-OFDM	QPSK	216	0	19.58	1:1	1.890	20.79	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	F	40	CP-OFDM	QPSK	1	1	19.54	1:1	1.920	20.69	

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Table A-199
DSI = 2 P_{Limit} Calculations – NR Band n30 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	462000	Mid	back	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.706	22.18	19.47
2310.00	462000	Mid	back	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.723	22.08	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	0.547	23.29	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	0.558	23.20	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	16.69	1:1	1.260	19.67	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	16.69	1:1	1.310	19.50	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	16.66	1:1	1.310	19.47	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	1	21.65	1:1	0.461	28.99	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	21.82	1:1	0.472	29.06	
2310.00	462000	Mid	right	0 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	21.19	1:1	0.288	30.58	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.452	26.98	20.81
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.465	26.79	
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	0.784	24.59	
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	0.776	24.57	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	1	19.55	1:1	1.740	21.12	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	0	19.49	1:1	1.810	20.89	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	50	0	19.46	1:1	1.830	20.81	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.65	1:1	1.820	21.03	

Table A-200
DSI = 2 P_{Limit} Calculations – NR Band n7 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	1.110	20.61	17.47
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	1.120	20.48	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	0.726	22.45	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	0.752	22.21	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	17.08	1:1	1.970	18.11	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	16.99	1:1	2.080	17.79	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	16.98	1:1	2.150	17.63	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	17.13	1:1	2.310	17.47	

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Table A-201
DSI = 2 P_{Limit} Calculations – NR Band n41 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	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	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.330	26.81	21.07
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.282	27.38	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	0.510	24.92	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	0.446	25.39	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	1	18.02	1:1	1.240	21.07	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	17.90	1:1	1.120	21.39	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	17.88	1:1	1.170	21.18	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	17.86	1:1	1.160	21.19	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	1.070	18.88	16.29
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.800	20.14	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	1.940	16.29	
2592.99	518598	Mid	right	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.19	1:1	0.097	29.30	
2592.99	518598	Mid	back	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.099	28.96	25.30
2592.99	518598	Mid	front	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.171	26.59	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.230	25.30	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.152	27.10	
2592.99	518598	Mid	back	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.078	26.03	26.03
2592.99	518598	Mid	front	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.021	31.73	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.97	1:1	0.055	27.55	

Table A-202
DSI = 2 P_{Limit} Calculations – NR Band n48 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3624.99	641666	Mid	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.449	25.65	18.14
3624.99	641666	Mid	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.437	25.61	
3624.99	641666	Mid	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	0.626	24.20	
3624.99	641666	Mid	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	0.599	24.25	
3570.00	638000	Low	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	17.95	1:1	2.300	18.31	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.19	1:1	1.790	19.64	
3679.98	645332	High	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	17.83	1:1	2.000	18.80	
3570.00	638000	Low	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	17.70	1:1	2.260	18.14	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	18.04	1:1	1.750	19.59	
3679.98	645332	High	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	17.67	1:1	2.010	18.62	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	100	0	18.02	1:1	1.800	19.45	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	17.75	1:1	2.020	18.68	
3624.99	641666	Mid	back	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.073	29.70	24.32
3624.99	641666	Mid	front	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.252	24.32	
3624.99	641666	Mid	top	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.220	24.91	
3624.99	641666	Mid	right	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.35	1:1	0.145	26.72	
3624.99	641666	Mid	back	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.133	28.40	23.10
3624.99	641666	Mid	front	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.161	27.57	
3624.99	641666	Mid	top	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.451	23.10	
3624.99	641666	Mid	right	0 mm	NR Band n48	G	40	CW/SRS	N/A	N/A	N/A	15.66	1:1	0.095	29.86	
3624.99	641666	Mid	back	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.334	21.47	21.47
3624.99	641666	Mid	front	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.180	24.16	
3624.99	641666	Mid	bottom	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	12.73	1:1	0.216	23.36	

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Table A-203
DSI = 2 P_{Limit} Calculations – NR Band n77 UMPC Extremity SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.427	25.90	19.00
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.423	25.79	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	0.862	22.84	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	0.855	22.73	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.22	1:1	1.660	20.00	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	138	18.07	1:1	1.690	19.77	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	270	0	18.06	1:1	1.800	19.49	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	17.94	1:1	1.960	19.00	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.485	25.95	21.34
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.490	25.79	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.815	23.70	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.828	23.51	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	1.260	21.81	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	1.240	21.76	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	270	0	18.70	1:1	1.230	21.78	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	CP-OFDM	QPSK	1	1	18.36	1:1	1.260	21.34	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	1	1	18.83	1:1	0.966	22.96	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	E	100	DFT-S-OFDM	QPSK	135	0	18.71	1:1	0.976	22.79	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.171	26.47	22.51
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.130	27.66	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.426	22.51	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	G	100	CW/SRS	N/A	N/A	N/A	14.82	1:1	0.117	28.12	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.121	28.12	24.62
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.184	26.30	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	14.97	1:1	0.271	24.62	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	0.474	25.62	19.34
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.486	25.50	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	1.000	22.38	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	1.110	21.92	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	0.935	22.66	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	0.991	22.31	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	1.060	22.10	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.40	1:1	1.780	19.88	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.39	1:1	2.010	19.34	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.39	1:1	1.830	19.74	
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.29	1:1	1.930	19.41	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.37	1:1	1.940	19.47	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.38	1:1	1.820	19.76	
3930.00	662000	High	back	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.367	27.65	21.66
3930.00	662000	High	back	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	0.376	27.51	
3930.00	662000	High	front	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.525	26.10	
3930.00	662000	High	front	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	0.527	26.04	
3750.00	650000	Low	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	271	18.83	1:1	1.270	21.77	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	1.020	23.21	
3750.00	650000	Low	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	138	18.82	1:1	1.300	21.66	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	1.160	22.61	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	270	0	19.20	1:1	0.984	23.25	
3930.00	662000	High	top	0 mm	NR Band n77	E	100	CP-OFDM	N/A	1	1	18.86	1:1	1.030	22.71	
3930.00	662000	High	right	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	1	137	19.32	1:1	0.321	28.23	
3930.00	662000	High	right	0 mm	NR Band n77	E	100	DFT-S-OFDM	N/A	135	69	19.28	1:1	0.320	28.21	
3930.00	662000	High	back	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.202	25.95	19.64
3930.00	662000	High	front	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.244	25.13	
3750.00	650000	Low	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	14.74	1:1	0.582	21.07	
3930.00	662000	High	top	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.862	19.64	
3930.00	662000	High	right	0 mm	NR Band n77	G	100	CW/SRS	N/A	N/A	N/A	15.02	1:1	0.115	28.39	
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.640	21.02	21.02
3750.00	650000	Low	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.245	25.19	
3750.00	650000	Low	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	15.10	1:1	0.297	24.35	

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