

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

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

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

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
848.80	251	Right	Cheek	GSM 850	GSM	A	32.41	1:8.3	0.171	30.88	30.88
848.80	251	Right	Tilt	GSM 850	GSM	A	32.41	1:8.3	0.084	33.96	
848.80	251	Left	Cheek	GSM 850	GSM	A	32.41	1:8.3	0.151	31.42	
848.80	251	Left	Tilt	GSM 850	GSM	A	32.41	1:8.3	0.082	34.05	

Table A-2
DSI = 2 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)		
1880.00	661	Right	Cheek	GSM 1900	GSM	A	29.96	1:8.3	0.029	36.13	36.13
1880.00	661	Right	Tilt	GSM 1900	GSM	A	29.96	1:8.3	0.009	41.22	
1880.00	661	Left	Cheek	GSM 1900	GSM	A	29.96	1:8.3	0.015	39.00	
1880.00	661	Left	Tilt	GSM 1900	GSM	A	29.96	1:8.3	0.007	42.31	

Table A-3
DSI = 2 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)		
846.60	4233	Right	Cheek	UMTS 850	RMC	A	22.05	1:1	0.259	27.92	27.92
846.60	4233	Right	Tilt	UMTS 850	RMC	A	22.05	1:1	0.124	31.12	
846.60	4233	Left	Cheek	UMTS 850	RMC	A	22.05	1:1	0.219	28.65	
846.60	4233	Left	Tilt	UMTS 850	RMC	A	22.05	1:1	0.119	31.29	

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Table A-4
DSI = 2 P_{Limit} Calculations –UMTS 1750 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1712.40	1312	Right	Cheek	UMTS 1750	RMC	A	21.23	1:1	0.076	32.42	32.04
1712.40	1312	Right	Tilt	UMTS 1750	RMC	A	21.23	1:1	0.048	34.42	
1712.40	1312	Left	Cheek	UMTS 1750	RMC	A	21.23	1:1	0.083	32.04	
1712.40	1312	Left	Tilt	UMTS 1750	RMC	A	21.23	1:1	0.054	33.91	

Table A-5
DSI = 2 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)		
1907.60	9538	Right	Cheek	UMTS 1900	RMC	A	21.44	1:1	0.045	34.91	31.71
1907.60	9538	Right	Tilt	UMTS 1900	RMC	A	21.44	1:1	0.038	35.64	
1907.60	9538	Left	Cheek	UMTS 1900	RMC	A	21.44	1:1	0.094	31.71	
1907.60	9538	Left	Tilt	UMTS 1900	RMC	A	21.44	1:1	0.025	37.46	

Table A-6
DSI = 2 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	20	QPSK	1	50	24.24	1:1	0.165	32.07	32.07
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	50	25	23.18	1:1	0.128	32.11	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	1	50	24.24	1:1	0.094	34.53	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	50	25	23.18	1:1	0.069	34.82	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	1	50	24.24	1:1	0.142	32.72	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	50	25	23.18	1:1	0.119	32.42	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	1	50	24.24	1:1	0.076	35.43	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	50	25	23.18	1:1	0.060	35.39	

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Table A-7
DSI = 2 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		
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	1	0	24.39	1:1	0.171	32.06	32.06
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	25	0	23.25	1:1	0.130	32.11	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	1	0	24.39	1:1	0.085	35.10	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	25	0	23.25	1:1	0.066	35.05	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	1	0	24.39	1:1	0.155	32.49	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	25	0	23.25	1:1	0.122	32.39	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	1	0	24.39	1:1	0.079	35.44	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	25	0	23.25	1:1	0.058	35.63	

Table A-8
DSI = 2 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		
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	1	0	24.46	1:1	0.170	32.16	32.10
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	25	0	23.56	1:1	0.140	32.10	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	1	0	24.46	1:1	0.072	35.87	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	25	0	23.56	1:1	0.058	35.91	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	1	0	24.46	1:1	0.150	32.70	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	25	0	23.56	1:1	0.114	32.99	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	1	0	24.46	1:1	0.079	35.47	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	25	0	23.56	1:1	0.060	35.75	

Table A-9
DSI = 2 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	10	QPSK	1	0	23.71	1:1	0.207	30.55	30.55
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	25	12	22.66	1:1	0.149	30.93	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	1	0	23.71	1:1	0.091	34.10	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	25	12	22.66	1:1	0.069	34.30	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	1	0	23.71	1:1	0.151	31.92	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	25	12	22.66	1:1	0.122	31.80	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	1	0	23.71	1:1	0.083	34.52	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	25	12	22.66	1:1	0.065	34.53	

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Table A-10
DSI = 2 P_{Limit} Calculations – LTE Band 26 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Maximum Allowed Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	25.0	0	1:1	0.210	30.91	
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	18	24.0	1	1:1	0.167	30.86	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	25.0	0	1:1	0.101	34.09	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	18	24.0	1	1:1	0.079	34.11	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	25.0	0	1:1	0.173	31.75	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	18	24.0	1	1:1	0.134	31.82	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	25.0	0	1:1	0.095	34.35	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	18	24.0	1	1:1	0.075	34.37	

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	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	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.232	30.37	30.24
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	0	22.91	1	1:1	0.185	30.24	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.112	33.53	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	0	22.91	1	1:1	0.090	33.38	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.195	31.12	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	0	22.91	1	1:1	0.150	31.15	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.102	33.93	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	0	22.91	1	1:1	0.081	33.83	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population								Head 1.6 W/kg (mW/g) averaged over 1 gram								

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	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	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.047	37.30	37.30
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.029	37.31	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.026	39.87	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.018	39.38	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.029	39.40	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.018	39.38	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.018	41.47	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.012	41.14	

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	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)		
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.048	37.39	36.28
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.035	36.68	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.029	39.58	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.018	39.57	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.062	36.28	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.035	36.68	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.055	36.80	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.022	38.70	

Table A-14
DSI = 2 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]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	Right	Cheek	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.030	37.26	36.72
2310.00	27710	Mid	Right	Cheek	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.021	37.11	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.008	43.00	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.005	43.34	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.034	36.72	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.020	37.32	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.011	41.62	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.006	42.55	

Table A-15
DSI = 2 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]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2510.00	20850	Low	Right	Cheek	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	0.052	36.44	34.01
2510.00	20850	Low	Right	Cheek	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.030	36.93	
2510.00	20850	Low	Right	Tilt	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	0.058	35.97	
2510.00	20850	Low	Right	Tilt	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.033	36.51	
2510.00	20850	Low	Left	Cheek	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	0.091	34.01	
2510.00	20850	Low	Left	Cheek	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.057	34.14	
2510.00	20850	Low	Left	Tilt	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	0.036	38.04	
2510.00	20850	Low	Left	Tilt	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.021	38.48	

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Table A-16
DSI = 2 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]	MPR [dB]	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	24.11	0	1:1.58	0.029	37.50	32.88
2680.00	41490	High	Right	Cheek	LTE Band 41	B	20	QPSK	50	50	23.17	1	1:1.58	0.019	38.40	
2680.00	41490	High	Right	Tilt	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	0.032	37.07	
2680.00	41490	High	Right	Tilt	LTE Band 41	B	20	QPSK	50	50	23.17	1	1:1.58	0.024	37.38	
2680.00	41490	High	Left	Cheek	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	0.084	32.88	
2680.00	41490	High	Left	Cheek	LTE Band 41	B	20	QPSK	50	50	23.17	1	1:1.58	0.065	33.06	
2680.00	41490	High	Left	Tilt	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	0.029	37.50	
2680.00	41490	High	Left	Tilt	LTE Band 41	B	20	QPSK	50	50	23.17	1	1:1.58	0.021	37.96	

Table A-17
DSI = 2 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]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3560.00	55340	Low	Right	Cheek	LTE Band 48	F	20	QPSK	1	50	16.25	0	1:1.58	0.586	16.59	14.95
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	F	20	QPSK	1	0	16.30	0	1:1.58	0.649	16.19	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	20	QPSK	1	0	16.21	0	1:1.58	0.769	15.37	
3690.00	56640	High	Right	Cheek	LTE Band 48	F	20	QPSK	1	99	16.65	0	1:1.58	0.936	14.95	
3560.00	55340	Low	Right	Cheek	LTE Band 48	F	20	QPSK	50	25	16.22	0	1:1.58	0.580	16.60	
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	F	20	QPSK	50	0	16.37	0	1:1.58	0.669	16.13	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	20	QPSK	50	25	16.21	0	1:1.58	0.795	15.22	
3690.00	56640	High	Right	Cheek	LTE Band 48	F	20	QPSK	50	25	16.62	0	1:1.58	0.926	14.97	
3690.00	56640	High	Right	Cheek	LTE Band 48	F	20	QPSK	100	0	16.55	0	1:1.58	0.913	14.96	
3560.00	55340	Low	Right	Tilt	LTE Band 48	F	20	QPSK	1	50	16.25	0	1:1.58	0.416	18.08	
3603.30	55773	Low-Mid	Right	Tilt	LTE Band 48	F	20	QPSK	1	0	16.30	0	1:1.58	0.446	17.82	
3646.70	56207	Mid-High	Right	Tilt	LTE Band 48	F	20	QPSK	1	0	16.21	0	1:1.58	0.536	16.93	
3690.00	56640	High	Right	Tilt	LTE Band 48	F	20	QPSK	1	99	16.65	0	1:1.58	0.666	16.43	
3560.00	55340	Low	Right	Tilt	LTE Band 48	F	20	QPSK	50	25	16.22	0	1:1.58	0.408	18.13	
3603.30	55773	Low-Mid	Right	Tilt	LTE Band 48	F	20	QPSK	50	0	16.37	0	1:1.58	0.462	17.74	
3646.70	56207	Mid-High	Right	Tilt	LTE Band 48	F	20	QPSK	50	25	16.21	0	1:1.58	0.558	16.76	
3690.00	56640	High	Right	Tilt	LTE Band 48	F	20	QPSK	50	25	16.62	0	1:1.58	0.668	16.39	
3690.00	56640	High	Right	Tilt	LTE Band 48	F	20	QPSK	100	0	16.55	0	1:1.58	0.654	16.41	
3690.00	56640	High	Left	Cheek	LTE Band 48	F	20	QPSK	1	99	16.65	0	1:1.58	0.214	21.36	
3690.00	56640	High	Left	Cheek	LTE Band 48	F	20	QPSK	50	25	16.62	0	1:1.58	0.211	21.39	
3690.00	56640	High	Left	Tilt	LTE Band 48	F	20	QPSK	1	99	16.65	0	1:1.58	0.165	22.49	
3690.00	56640	High	Left	Tilt	LTE Band 48	F	20	QPSK	50	25	16.62	0	1:1.58	0.157	22.68	

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Table A-18
DSI = 2 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		
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.202	30.70	30.70
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	23.69	1:1	0.190	30.90	
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	CP-OFDM	QPSK	1	1	22.45	1:1	0.137	31.08	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.071	35.24	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	23.69	1:1	0.074	35.00	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.187	31.03	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	23.69	1:1	0.185	31.02	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.061	35.90	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	23.69	1:1	0.068	35.36	

Table A-19
DSI = 2 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
														(W/kg)		
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.177	31.31	30.80
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	23.61	1:1	0.187	30.89	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.091	34.20	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	23.61	1:1	0.094	33.88	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.182	31.19	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	23.61	1:1	0.191	30.80	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	CP-OFDM	QPSK	1	1	22.23	1:1	0.127	31.19	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.095	34.01	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	23.61	1:1	0.108	33.28	

Table A-20
DSI = 2 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	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.194	30.84	30.78
836.50	167300	Mid	Right	Cheek	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	23.68	1:1	0.195	30.78	
836.50	167300	Mid	Right	Cheek	NR Band n5 (Cell)	A	20	CP-OFDM	QPSK	1	1	22.24	1:1	0.126	31.24	
836.50	167300	Mid	Right	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.100	33.72	
836.50	167300	Mid	Right	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	23.68	1:1	0.102	33.59	
836.50	167300	Mid	Left	Cheek	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.173	31.34	
836.50	167300	Mid	Left	Cheek	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	23.68	1:1	0.182	31.08	
836.50	167300	Mid	Left	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.099	33.76	
836.50	167300	Mid	Left	Tilt	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	50	28	23.68	1:1	0.100	33.68	

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Table A-21
DSI = 2 P_{Limit} Calculations – NR Band n66 Antenna A 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)		
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.085	34.25	34.25
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.084	34.48	
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	A	40	CP-OFDM	QPSK	1	1	21.92	1:1	0.049	35.02	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.035	38.10	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.034	38.41	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.058	35.91	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.059	36.01	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.025	39.56	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.039	37.81	

Table A-22
DSI = 2 P_{Limit} Calculations – NR Band n66 Antenna I 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)		
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	15.30	1:1	0.053	28.06	22.56
1745.00	349000	Mid	Right	Cheek	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	108	108	15.27	1:1	0.056	27.79	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	15.30	1:1	0.007	36.85	
1745.00	349000	Mid	Right	Tilt	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	108	108	15.27	1:1	0.009	35.73	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	15.30	1:1	0.160	23.26	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	108	108	15.27	1:1	0.154	23.39	
1745.00	349000	Mid	Left	Cheek	NR Band n66 (AWS)	I	40	CP-OFDM	QPSK	1	1	15.06	1:1	0.178	22.56	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	15.30	1:1	0.027	30.99	
1745.00	349000	Mid	Left	Tilt	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	108	108	15.27	1:1	0.028	30.80	

Table A-23
DSI = 2 P_{Limit} Calculations – NR Band n25 Antenna A 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
														(W/kg)		
1882.50	376500	Mid	Right	Cheek	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.032	38.73	34.86
1882.50	376500	Mid	Right	Cheek	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.050	36.95	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.030	39.01	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.040	37.92	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.043	37.45	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.081	34.86	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	A	40	CP-OFDM	QPSK	1	1	22.53	1:1	0.034	37.22	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.021	40.56	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.025	39.96	

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Table A-24
DSI = 2 P_{Limit} Calculations – NR Band n25 Antenna I 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)	I	40	DFT-S-OFDM	QPSK	1	108	16.28	1:1	0.359	20.73	17.83
1882.50	376500	Mid	Right	Cheek	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	16.34	1:1	0.373	20.62	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	1	108	16.28	1:1	0.070	27.83	
1882.50	376500	Mid	Right	Tilt	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	16.34	1:1	0.061	28.49	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	1	108	16.28	1:1	0.674	17.99	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	16.34	1:1	0.709	17.83	
1882.50	376500	Mid	Left	Cheek	NR Band n25 (PCS)	I	40	CP-OFDM	QPSK	1	1	16.24	1:1	0.613	18.37	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	1	108	16.28	1:1	0.129	25.17	
1882.50	376500	Mid	Left	Tilt	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	16.34	1:1	0.138	24.94	

Table A-25
DSI = 2 P_{Limit} Calculations – NR Band n30 Antenna B 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	50	23.50	1:1	0.034	38.19	35.94
2310.00	462000	Mid	Right	Cheek	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.027	39.16	
2310.00	462000	Mid	Right	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.022	40.08	
2310.00	462000	Mid	Right	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.021	40.25	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.057	35.94	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.049	36.57	
2310.00	462000	Mid	Left	Cheek	NR Band n30	B	10	CP-OFDM	QPSK	1	1	22.00	1:1	0.034	36.69	
2310.00	462000	Mid	Left	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.017	41.20	
2310.00	462000	Mid	Left	Tilt	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.014	42.01	

Table A-26
DSI = 2 P_{Limit} Calculations – NR Band n30 Antenna I 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	I	10	DFT-S-OFDM	QPSK	1	50	16.57	1:1	0.266	22.32	18.85
2310.00	462000	Mid	Right	Cheek	NR Band n30	I	10	DFT-S-OFDM	QPSK	25	14	16.74	1:1	0.274	22.36	
2310.00	462000	Mid	Right	Tilt	NR Band n30	I	10	DFT-S-OFDM	QPSK	1	50	16.57	1:1	0.053	29.33	
2310.00	462000	Mid	Right	Tilt	NR Band n30	I	10	DFT-S-OFDM	QPSK	25	14	16.74	1:1	0.053	29.50	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	10	DFT-S-OFDM	QPSK	1	50	16.57	1:1	0.582	18.92	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	10	DFT-S-OFDM	QPSK	25	14	16.74	1:1	0.581	19.10	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	10	DFT-S-OFDM	QPSK	50	0	16.55	1:1	0.589	18.85	
2310.00	462000	Mid	Left	Cheek	NR Band n30	I	10	CP-OFDM	QPSK	1	1	16.62	1:1	0.582	18.97	
2310.00	462000	Mid	Left	Tilt	NR Band n30	I	10	DFT-S-OFDM	QPSK	1	50	16.57	1:1	0.185	23.90	
2310.00	462000	Mid	Left	Tilt	NR Band n30	I	10	DFT-S-OFDM	QPSK	25	14	16.74	1:1	0.184	24.09	

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Table A-27
DSI = 2 P_{Limit} Calculations – NR Band n7 Antenna B 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
														(W/kg)		
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	0.029	39.65	34.74
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.030	39.37	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	0.033	39.08	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.035	38.70	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	0.054	36.95	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.087	34.74	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	CP-OFDM	QPSK	1	1	22.46	1:1	0.048	35.65	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	0.029	39.65	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.037	38.46	

Table A-28
DSI = 2 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	I	100	DFT-S-OFDM	QPSK	1	271	15.86	1:1	0.222	22.40	16.52
2592.99	518598	Mid	Right	Cheek	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	15.67	1:1	0.199	22.68	
2592.99	518598	Mid	Right	Tilt	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	15.86	1:1	0.050	28.87	
2592.99	518598	Mid	Right	Tilt	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	15.67	1:1	0.036	30.11	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	15.86	1:1	0.737	17.19	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	15.67	1:1	0.637	17.63	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	100	DFT-S-OFDM	QPSK	270	0	15.55	1:1	0.724	16.95	
2592.99	518598	Mid	Left	Cheek	NR Band n41	I	100	CP-OFDM	QPSK	1	1	15.11	1:1	0.723	16.52	
2592.99	518598	Mid	Left	Tilt	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	15.86	1:1	0.184	23.21	
2592.99	518598	Mid	Left	Tilt	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	15.67	1:1	0.139	24.24	35.12
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.000	55.12	
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.000	55.12	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.010	35.12	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.000	55.12	21.88
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	11.61	1:1	0.094	21.88	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	11.61	1:1	0.061	23.76	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	11.61	1:1	0.023	27.99	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	11.61	1:1	0.017	29.31	35.51
2592.99	518598	Mid	Right	Cheek	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.000	50.28	
2592.99	518598	Mid	Right	Tilt	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.000	50.28	
2592.99	518598	Mid	Left	Cheek	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.003	35.51	
2592.99	518598	Mid	Left	Tilt	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.000	50.28	

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Table A-29
DSI = 2 P_{Limit} Calculations – NR Band n48 Antenna F 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)		
3570.00	638000	Low	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	14.61	1:1	0.524	17.42	14.95
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	14.36	1:1	0.711	15.84	
3679.98	645332	High	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	14.60	1:1	0.923	14.95	
3570.00	638000	Low	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	14.45	1:1	0.531	17.20	
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	14.01	1:1	0.730	15.38	
3679.98	645332	High	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	14.40	1:1	0.880	14.96	
3570.00	638000	Low	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	100	0	14.40	1:1	0.558	16.93	
3570.00	638000	Low	Right	Cheek	NR Band n48	F	40	CP-OFDM	QPSK	1	1	14.38	1:1	0.498	17.41	
3570.00	638000	Low	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	14.61	1:1	0.495	17.66	
3570.00	638000	Low	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	14.45	1:1	0.487	17.57	
3570.00	638000	Low	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	14.61	1:1	0.122	23.75	
3570.00	638000	Low	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	14.45	1:1	0.120	23.66	
3570.00	638000	Low	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	14.61	1:1	0.167	22.38	
3570.00	638000	Low	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	14.45	1:1	0.160	22.41	

Table A-30
DSI = 2 P_{Limit} Calculations – NR Band n48 Antenna I, E, C 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)		
3679.98	645332	High	Right	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.286	19.52	19.52
3679.98	645332	High	Right	Tilt	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.003	39.31	
3679.98	645332	High	Left	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.093	24.40	
3679.98	645332	High	Left	Tilt	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.002	41.07	
3679.98	645332	High	Right	Cheek	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.07	1:1	0.289	19.46	16.67
3679.98	645332	High	Right	Tilt	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.07	1:1	0.043	27.74	
3570.00	638000	Low	Left	Cheek	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	13.93	1:1	0.419	17.71	
3624.99	641666	Mid	Left	Cheek	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.469	17.21	
3679.98	645332	High	Left	Cheek	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.07	1:1	0.550	16.67	
3679.98	645332	High	Left	Tilt	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	14.07	1:1	0.028	29.60	
3679.98	645332	High	Right	Cheek	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.000	54.10	37.11
3679.98	645332	High	Right	Tilt	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.000	54.10	
3679.98	645332	High	Left	Cheek	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.005	37.11	
3679.98	645332	High	Left	Tilt	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.000	54.10	

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Table A-31
DSI = 2 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	137	14.05	1:1	0.473	17.30	17.23
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	14.05	1:1	0.441	17.61	
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	13.70	1:1	0.444	17.23	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	137	14.05	1:1	0.292	19.40	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	14.05	1:1	0.268	19.77	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	137	14.05	1:1	0.095	24.27	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	14.05	1:1	0.092	24.41	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	137	14.05	1:1	0.110	23.64	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	14.05	1:1	0.107	23.76	16.09
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.630	16.09	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.021	30.86	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.374	18.35	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	14.08	1:1	0.065	25.95	18.58
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	14.17	1:1	0.362	18.58	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	14.17	1:1	0.046	27.54	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	14.17	1:1	0.340	18.86	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	14.17	1:1	0.035	28.73	
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.007	35.47	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.000	53.92	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.032	28.87	
3500.01	633334	Mid	Left	Tilt	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.000	53.92	28.87
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	14.83	1:1	0.778	15.92	
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	14.43	1:1	0.450	17.90	
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	138	14.59	1:1	0.703	16.12	
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	14.23	1:1	0.445	17.75	
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	14.44	1:1	0.719	15.87	
3750.00	650000	Low	Right	Cheek	NR Band n77	F	100	CP-OFDM	QPSK	1	1	14.15	1:1	0.723	15.56	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	14.83	1:1	0.542	17.49	
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	14.43	1:1	0.308	19.54	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	138	14.59	1:1	0.508	17.53	
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	14.23	1:1	0.308	19.34	
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	14.44	1:1	0.526	17.23	
3750.00	650000	Low	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	14.83	1:1	0.180	22.28	
3750.00	650000	Low	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	138	14.59	1:1	0.166	22.39	
3750.00	650000	Low	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	14.83	1:1	0.165	22.66	
3750.00	650000	Low	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	138	14.59	1:1	0.152	22.77	18.99
3750.00	650000	Low	Right	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	14.53	1:1	0.358	18.99	
3750.00	650000	Low	Right	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	14.53	1:1	0.008	35.50	
3750.00	650000	Low	Left	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	14.53	1:1	0.160	22.49	
3750.00	650000	Low	Left	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	14.53	1:1	0.009	34.99	21.16
3750.00	650000	Low	Right	Cheek	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	14.15	1:1	0.120	23.36	
3750.00	650000	Low	Right	Tilt	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	14.15	1:1	0.015	32.39	
3750.00	650000	Low	Left	Cheek	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	14.15	1:1	0.199	21.16	
3750.00	650000	Low	Left	Tilt	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	14.15	1:1	0.050	27.16	54.12
3930.00	662000	High	Right	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.000	54.12	
3930.00	662000	High	Right	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.000	54.12	
3930.00	662000	High	Left	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.000	54.12	
3930.00	662000	High	Left	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.000	54.12	

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Table A-32
DSI = 0 P_{Limit} Calculations – GSM Body-Worn SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Maximum Allowed Power [dBm]	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
848.80	251	back	15 mm	GSM 850	GSM	A	Open	33.2	32.41	1:8.3	0.072	34.62	29.16
848.80	251	back	15 mm	GSM 850	GSM	A	Closed	33.2	32.41	1:8.3	0.254	29.16	
1880.00	661	back	15 mm	GSM 1900	GSM	A	Open	30.0	29.96	1:8.3	0.220	27.33	27.33
1880.00	661	back	15 mm	GSM 1900	GSM	A	Closed	30.0	29.96	1:8.3	0.103	30.63	

Table A-33
DSI = 0 P_{Limit} Calculations – UMTS Body-Worn SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)	
846.60	4233	back	15 mm	UMTS 850	RMC	A	Open	24.38	1:1	0.175	31.95	28.56
846.60	4233	back	15 mm	UMTS 850	RMC	A	Closed	24.38	1:1	0.382	28.56	
1712.40	1312	back	15 mm	UMTS 1750	RMC	A	Open	24.33	1:1	0.776	25.43	25.43
1732.40	1412	back	15 mm	UMTS 1750	RMC	A	Open	24.13	1:1	0.560	26.65	
1752.60	1513	back	15 mm	UMTS 1750	RMC	A	Open	24.22	1:1	0.571	26.65	
1712.40	1312	back	15 mm	UMTS 1750	RMC	A	Closed	24.33	1:1	0.202	31.28	
1852.40	9262	back	15 mm	UMTS 1900	RMC	A	Open	23.77	1:1	0.603	25.97	25.69
1880.00	9400	back	15 mm	UMTS 1900	RMC	A	Open	23.89	1:1	0.656	25.72	
1907.60	9538	back	15 mm	UMTS 1900	RMC	A	Open	23.92	1:1	0.665	25.69	
1907.60	9538	back	15 mm	UMTS 1900	RMC	A	Closed	23.92	1:1	0.237	30.17	

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Table A-34
DSI = 0 P_{Limit} Calculations – LTE Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Open	20	QPSK	1	50	24.24	0	1:1	0.249	30.28
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Open	20	QPSK	50	25	23.18	1	1:1	0.193	30.32
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Closed	20	QPSK	1	50	24.24	0	1:1	0.192	31.41
680.50	133297	Mid	back	15 mm	LTE Band 71	A	Closed	20	QPSK	50	25	23.18	1	1:1	0.147	31.51
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	1	0	24.39	0	1:1	0.220	30.97
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Open	10	QPSK	25	0	23.25	1	1:1	0.174	30.84
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	1	0	24.39	0	1:1	0.158	32.40
707.50	23095	Mid	back	15 mm	LTE Band 12	A	Closed	10	QPSK	25	0	23.25	1	1:1	0.113	32.72
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	1	0	24.46	0	1:1	0.173	32.08
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Open	10	QPSK	25	0	23.56	1	1:1	0.143	32.01
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	1	0	24.46	0	1:1	0.211	31.22
782.00	23230	Mid	back	15 mm	LTE Band 13	A	Closed	10	QPSK	25	0	23.56	1	1:1	0.160	31.52
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Open	10	QPSK	1	0	23.71	0	1:1	0.176	31.25
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Open	10	QPSK	25	12	22.66	1	1:1	0.138	31.26
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Closed	10	QPSK	1	0	23.71	0	1:1	0.280	29.24
793.00	23330	Mid	back	15 mm	LTE Band 14	A	Closed	10	QPSK	25	12	22.66	1	1:1	0.233	28.99
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	24.13	0	1:1	0.146	32.49
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	18	23.09	1	1:1	0.114	32.52
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	24.13	0	1:1	0.284	29.60
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	18	23.09	1	1:1	0.220	29.67
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	0	24.02	0	1:1	0.159	32.01
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	0	22.91	1	1:1	0.136	31.57
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	0	24.02	0	1:1	0.289	29.41
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	0	22.91	1	1:1	0.228	29.33
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	23.69	0	1:1	0.596	25.94
1745.00	132322	Mid	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	23.58	0	1:1	0.424	27.31
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	99	24.02	0	1:1	0.618	26.11
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	50	21.93	2	1:1	0.354	26.44
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	99	24.02	0	1:1	0.166	31.82
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	50	21.93	2	1:1	0.093	32.25
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	50	24.20	0	1:1	0.603	26.40
1882.50	26365	Mid	back	15 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	24.06	0	1:1	0.545	26.70
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	99	24.16	0	1:1	0.545	26.80
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	22.12	2	1:1	0.372	26.41
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	50	24.20	0	1:1	0.190	31.41
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	22.12	2	1:1	0.121	31.29
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Open	10	QPSK	1	49	22.03	0	1:1	0.312	27.09
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Open	10	QPSK	25	0	20.33	2	1:1	0.199	27.34
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Closed	10	QPSK	1	49	22.03	0	1:1	0.248	28.09
2310.00	27710	Mid	back	15 mm	LTE Band 30	B	Closed	10	QPSK	25	0	20.33	2	1:1	0.157	28.37
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Open	20	QPSK	1	0	23.60	0	1:1	0.233	29.93
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Open	20	QPSK	50	0	21.70	2	1:1	0.147	30.03
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Closed	20	QPSK	1	0	23.60	0	1:1	0.183	30.98
2510.00	20850	Low	back	15 mm	LTE Band 7	B	Closed	20	QPSK	50	0	21.70	2	1:1	0.108	31.37
2680.00	41490	High	back	15 mm	LTE Band 41	B	Open	20	QPSK	1	50	24.11	0	1:1.58	0.274	27.75
2680.00	41490	High	back	15 mm	LTE Band 41	B	Open	20	QPSK	50	50	23.17	1	1:1.58	0.206	28.05
2680.00	41490	High	back	15 mm	LTE Band 41	B	Closed	20	QPSK	1	50	24.11	0	1:1.58	0.103	32.00
2680.00	41490	High	back	15 mm	LTE Band 41	B	Closed	20	QPSK	50	50	23.17	1	1:1.58	0.084	31.94
3560.00	55340	Low	back	15 mm	LTE Band 48	F	Open	20	QPSK	1	0	20.60	0	1:1.58	0.100	28.62
3560.00	55340	Low	back	15 mm	LTE Band 48	F	Open	20	QPSK	50	25	20.44	0	1:1.58	0.107	28.16
3560.00	55340	Low	back	15 mm	LTE Band 48	F	Closed	20	QPSK	1	0	20.60	0	1:1.58	0.024	34.81
3560.00	55340	Low	back	15 mm	LTE Band 48	F	Closed	20	QPSK	50	25	20.44	0	1:1.58	0.019	35.67

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Table A-35
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)		Overall Plimit
MHz	Ch.													(W/kg)	Plimit	
680.50	136100	Mid	back	15 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	1	1:1	23.75	0.236	30.02
680.50	136100	Mid	back	15 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	1:1	23.69	0.243	29.83
680.50	136100	Mid	back	15 mm	NR Band n71	A	Open	20	CP-OFDM	QPSK	1	1	1:1	22.45	0.171	30.12
680.50	136100	Mid	back	15 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	1	1:1	23.75	0.205	30.63
680.50	136100	Mid	back	15 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	1:1	23.69	0.224	30.19
680.50	136100	Mid	back	15 mm	NR Band n71	A	Closed	20	CP-OFDM	QPSK	1	1	1:1	22.45	0.145	30.84
707.50	141500	Mid	back	15 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	1:1	23.79	0.217	30.43
707.50	141500	Mid	back	15 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	22	1:1	23.61	0.251	29.61
707.50	141500	Mid	back	15 mm	NR Band n12	A	Open	15	CP-OFDM	QPSK	1	1	1:1	22.23	0.158	30.24
707.50	141500	Mid	back	15 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	1:1	23.79	0.165	31.62
707.50	141500	Mid	back	15 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	22	1:1	23.61	0.150	31.85
707.50	141500	Mid	back	15 mm	NR Band n12	A	Closed	15	CP-OFDM	QPSK	1	1	1:1	22.23	0.116	31.59
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	1	53	1:1	23.72	0.178	31.22
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	50	28	1:1	23.68	0.176	31.22
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	Open	20	CP-OFDM	QPSK	1	1	1:1	22.24	0.118	31.52
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	1	53	1:1	23.72	0.341	28.39
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	50	28	1:1	23.68	0.356	28.17
836.50	167300	Mid	back	15 mm	NR Band n5 (Cell)	A	Closed	20	CP-OFDM	QPSK	1	1	1:1	22.24	0.222	28.78
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	1	214	1:1	23.54	0.752	24.78
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	108	54	1:1	23.72	0.644	25.63
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	216	0	1:1	22.85	0.568	25.31
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	A	Open	40	CP-OFDM	QPSK	1	1	1:1	21.92	0.343	26.57
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	1	214	1:1	23.54	0.184	30.89
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	108	54	1:1	23.72	0.210	30.50
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	A	Closed	40	CP-OFDM	QPSK	1	1	1:1	21.92	0.170	29.62
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	1	1	1:1	23.78	0.629	25.79
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	108	54	1:1	23.94	0.712	25.42
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	216	0	1:1	23.19	0.576	25.59
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	A	Open	40	CP-OFDM	QPSK	1	1	1:1	22.53	0.487	25.65
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	1	1	1:1	23.78	0.158	31.79
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	108	54	1:1	23.94	0.189	31.18
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	A	Closed	40	CP-OFDM	QPSK	1	1	1:1	22.53	0.129	31.42
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	50	1:1	23.50	0.320	28.45
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	23.47	0.269	29.17
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Open	10	CP-OFDM	QPSK	1	1	1:1	22.00	0.191	29.19
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	50	1:1	23.50	0.263	29.30
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	23.47	0.205	30.35
2310.00	462000	Mid	back	15 mm	NR Band n30	B	Closed	10	CP-OFDM	QPSK	1	1	1:1	22.00	0.182	29.40
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	24.27	0.224	30.77
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	54	1:1	24.14	0.227	30.58
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Open	40	CP-OFDM	QPSK	1	1	1:1	22.46	0.164	30.31
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	24.27	0.159	32.26
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	54	1:1	24.14	0.169	31.86
2535.00	507000	Mid	back	15 mm	NR Band n7	B	Closed	40	CP-OFDM	QPSK	1	1	1:1	22.46	0.085	33.17

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Table A-36
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.066	33.47	32.74
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.061	33.79	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	I	Open	40	CP-OFDM	QPSK	1	1	1:1	0.074	32.74	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.008	42.64	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.008	42.61	
1745.00	349000	Mid	back	15 mm	NR Band n66 (AWS)	I	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.009	41.89	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	1	214	1:1	0.253	27.91	27.87
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.259	27.87	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	I	Open	40	CP-OFDM	QPSK	1	1	1:1	0.247	27.95	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	1	214	1:1	0.044	35.51	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.047	35.28	
1882.50	376500	Mid	back	15 mm	NR Band n25 (PCS)	I	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.057	34.32	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	1	1:1	0.153	29.92	29.92
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	0	1:1	0.149	30.15	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Open	10	CP-OFDM	QPSK	1	1	1:1	0.154	30.01	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	1	1:1	0.036	36.21	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	0	1:1	0.036	36.32	
2310.00	462000	Mid	back	15 mm	NR Band n30	I	Closed	10	CP-OFDM	QPSK	1	1	1:1	0.037	36.21	

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

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	271	1:1	0.080	30.49	30.43
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	1:1	0.078	30.43	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	1:1	0.058	31.49	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	271	1:1	0.053	32.28	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	1:1	0.057	31.79	
2592.99	518598	Mid	back	15 mm	NR Band n41	I	Closed	100	CP-OFDM	QPSK	1	1	1:1	0.046	32.49	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	1:1	0.049	28.22	27.96
2592.99	518598	Mid	back	15 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	1:1	0.052	27.96	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	1:1	0.016	34.08	34.08
2592.99	518598	Mid	back	15 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	1:1	0.000	56.12	
2592.99	518598	Mid	back	15 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	1:1	0.002	37.27	32.50
2592.99	518598	Mid	back	15 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	1:1	0.006	32.50	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	1:1	0.105	28.74	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	1:1	0.103	28.76	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Open	40	CP-OFDM	QPSK	1	1	1:1	0.103	28.50	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	1:1	0.020	35.94	
3570.00	638000	Low	back	15 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	1:1	0.016	36.85	28.50
3570.00	638000	Low	back	15 mm	NR Band n48	F	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.018	36.08	

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

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
3679.98	645332	High	back	15 mm	NR Band n48	I	Open	40	CW/SRS	N/A	NA	NA	18.08	1:1	0.069	29.69	29.69
3679.98	645332	High	back	15 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	NA	NA	18.08	1:1	0.012	37.29	
3679.98	645332	High	back	15 mm	NR Band n48	E	Open	40	CW/SRS	N/A	NA	NA	17.95	1:1	0.073	29.32	29.32
3679.98	645332	High	back	15 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	NA	NA	17.95	1:1	0.015	36.19	
3679.98	645332	High	back	15 mm	NR Band n48	C	Open	40	CW/SRS	N/A	NA	NA	14.10	1:1	0.011	33.69	33.69
3679.98	645332	High	back	15 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	NA	NA	14.10	1:1	0.010	34.10	

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

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	0.079	29.90	29.59
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	0.081	29.75	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Open	100	CP-OFDM	QPSK	1	1	18.51	1:1	0.078	29.59	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	0.046	32.25	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	0.044	32.40	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	Closed	100	CP-OFDM	QPSK	1	1	18.51	1:1	0.047	31.79	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	NA	NA	17.92	1:1	0.038	32.12	32.12
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	NA	NA	17.92	1:1	0.012	37.13	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	NA	NA	18.03	1:1	0.043	31.70	31.70
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	NA	NA	18.03	1:1	0.027	33.72	
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	NA	NA	13.92	1:1	0.020	30.91	30.70
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	NA	NA	13.92	1:1	0.021	30.70	
3750.00	650000	Low	back	15 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	0.182	26.31	26.07
3750.00	650000	Low	back	15 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	0.183	26.16	
3930.00	662000	High	back	15 mm	NR Band n77	F	Open	100	CP-OFDM	QPSK	1	1	18.35	1:1	0.169	26.07	
3750.00	650000	Low	back	15 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	0.031	34.00	
3750.00	650000	Low	back	15 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	0.031	33.87	
3930.00	662000	High	back	15 mm	NR Band n77	F	Closed	100	CP-OFDM	QPSK	1	1	18.35	1:1	0.041	32.22	
3930.00	662000	High	back	15 mm	NR Band n77	I	Open	100	CW/SRS	N/A	NA	NA	18.26	1:1	0.005	41.27	41.27
3930.00	662000	High	back	15 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	NA	NA	18.26	1:1	0.000	58.26	
3750.00	650000	Low	back	15 mm	NR Band n77	E	Open	100	CW/SRS	N/A	NA	NA	18.42	1:1	0.111	27.97	27.97
3750.00	650000	Low	back	15 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	NA	NA	18.42	1:1	0.015	36.66	
3930.00	662000	High	back	15 mm	NR Band n77	C	Open	100	CW/SRS	N/A	NA	NA	14.12	1:1	0.005	37.13	37.13
3930.00	662000	High	back	15 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	NA	NA	14.12	1:1	0.001	44.12	

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Table A-40
DSI = 3 P_{Limit} Calculations – GPRS Hotspot SAR

MEASUREMENT RESULTS													
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.										(W/kg)		
836.60	190	back	10 mm	GSM 850	GPRS	A	Open	4	24.83	1:2.076	0.168	29.40	24.29
836.60	190	front	10 mm	GSM 850	GPRS	A	Open	4	24.83	1:2.076	0.084	32.40	
836.60	190	bottom	10 mm	GSM 850	GPRS	A	Open	4	24.83	1:2.076	0.065	33.49	
836.60	190	right	10 mm	GSM 850	GPRS	A	Open	4	24.83	1:2.076	0.044	35.25	
836.60	190	left	10 mm	GSM 850	GPRS	A	Open	4	24.83	1:2.076	0.023	38.07	
824.20	128	back	5 mm	GSM 850	GPRS	A	Closed	4	24.77	1:2.076	0.537	24.29	
836.60	190	back	5 mm	GSM 850	GPRS	A	Closed	4	24.83	1:2.076	0.534	24.37	
848.80	251	back	5 mm	GSM 850	GPRS	A	Closed	4	24.76	1:2.076	0.458	24.97	
836.60	190	front	5 mm	GSM 850	GPRS	A	Closed	4	24.83	1:2.076	0.130	30.51	
836.60	190	bottom	5 mm	GSM 850	GPRS	A	Closed	4	24.83	1:2.076	0.114	31.08	
836.60	190	right	5 mm	GSM 850	GPRS	A	Closed	4	24.83	1:2.076	0.056	34.14	
836.60	190	left	5 mm	GSM 850	GPRS	A	Closed	4	24.83	1:2.076	0.104	31.48	
1909.80	810	back	10 mm	GSM 1900	GPRS	A	Open	4	22.92	1:2.076	0.369	24.07	19.57
1909.80	810	front	10 mm	GSM 1900	GPRS	A	Open	4	22.92	1:2.076	0.338	24.45	
1850.20	512	bottom	10 mm	GSM 1900	GPRS	A	Open	4	22.46	1:2.076	0.648	21.16	
1880.00	661	bottom	10 mm	GSM 1900	GPRS	A	Open	4	22.60	1:2.076	0.701	20.96	
1909.80	810	bottom	10 mm	GSM 1900	GPRS	A	Open	4	22.92	1:2.076	0.719	21.17	
1909.80	810	right	10 mm	GSM 1900	GPRS	A	Open	4	22.92	1:2.076	0.024	35.94	
1909.80	810	left	10 mm	GSM 1900	GPRS	A	Open	4	22.92	1:2.076	0.125	28.77	
1909.80	810	back	5 mm	GSM 1900	GPRS	A	Closed	4	22.92	1:2.076	0.493	22.81	
1909.80	810	front	5 mm	GSM 1900	GPRS	A	Closed	4	22.92	1:2.076	0.130	28.60	
1850.20	512	bottom	5 mm	GSM 1900	GPRS	A	Closed	4	22.46	1:2.076	0.662	21.07	
1880.00	661	bottom	5 mm	GSM 1900	GPRS	A	Closed	4	22.60	1:2.076	0.955	19.62	
1909.80	810	bottom	5 mm	GSM 1900	GPRS	A	Closed	4	22.92	1:2.076	1.040	19.57	
1909.80	810	right	5 mm	GSM 1900	GPRS	A	Closed	4	22.92	1:2.076	0.028	35.27	
1909.80	810	left	5 mm	GSM 1900	GPRS	A	Closed	4	22.92	1:2.076	0.311	24.81	

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Table A-41
DSI = 3 P_{Limit} Calculations – UMTS Hotspot SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Form Factor	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	4183	back	10 mm	UMTS 850	RMC	A	Open	23.42	1:1	0.308	28.53	23.89
836.60	4183	front	10 mm	UMTS 850	RMC	A	Open	23.42	1:1	0.197	30.48	
836.60	4183	bottom	10 mm	UMTS 850	RMC	A	Open	23.42	1:1	0.075	34.66	
836.60	4183	right	10 mm	UMTS 850	RMC	A	Open	23.42	1:1	0.215	30.10	
836.60	4183	left	10 mm	UMTS 850	RMC	A	Open	23.42	1:1	0.109	33.05	
826.40	4132	back	5 mm	UMTS 850	RMC	A	Closed	23.40	1:1	0.841	24.15	
836.60	4183	back	5 mm	UMTS 850	RMC	A	Closed	23.42	1:1	0.869	24.03	
846.60	4233	back	5 mm	UMTS 850	RMC	A	Closed	23.37	1:1	0.888	23.89	
836.60	4183	front	5 mm	UMTS 850	RMC	A	Closed	23.42	1:1	0.212	30.16	
836.60	4183	bottom	5 mm	UMTS 850	RMC	A	Closed	23.42	1:1	0.187	30.70	
836.60	4183	right	5 mm	UMTS 850	RMC	A	Closed	23.42	1:1	0.100	33.42	
836.60	4183	left	5 mm	UMTS 850	RMC	A	Closed	23.42	1:1	0.150	31.66	
1752.60	1513	back	10 mm	UMTS 1750	RMC	A	Open	19.30	1:1	0.380	23.50	20.17
1752.60	1513	front	10 mm	UMTS 1750	RMC	A	Open	19.30	1:1	0.287	24.72	
1712.40	1312	bottom	10 mm	UMTS 1750	RMC	A	Open	19.12	1:1	0.681	20.79	
1732.40	1412	bottom	10 mm	UMTS 1750	RMC	A	Open	19.17	1:1	0.497	22.21	
1752.60	1513	bottom	10 mm	UMTS 1750	RMC	A	Open	19.30	1:1	0.522	22.12	
1752.60	1513	right	10 mm	UMTS 1750	RMC	A	Open	19.30	1:1	0.037	33.62	
1752.60	1513	left	10 mm	UMTS 1750	RMC	A	Open	19.30	1:1	0.079	30.32	
1752.60	1513	back	5 mm	UMTS 1750	RMC	A	Closed	19.30	1:1	0.569	21.75	
1752.60	1513	front	5 mm	UMTS 1750	RMC	A	Closed	19.30	1:1	0.064	31.24	
1712.40	1312	bottom	5 mm	UMTS 1750	RMC	A	Closed	19.12	1:1	0.596	21.37	
1732.40	1412	bottom	5 mm	UMTS 1750	RMC	A	Closed	19.17	1:1	0.664	20.95	
1752.60	1513	bottom	5 mm	UMTS 1750	RMC	A	Closed	19.30	1:1	0.818	20.17	
1752.60	1513	right	5 mm	UMTS 1750	RMC	A	Closed	19.30	1:1	0.030	34.53	
1752.60	1513	left	5 mm	UMTS 1750	RMC	A	Closed	19.30	1:1	0.277	24.88	
1907.60	9538	back	10 mm	UMTS 1900	RMC	A	Open	18.14	1:1	0.249	24.18	19.30
1907.60	9538	front	10 mm	UMTS 1900	RMC	A	Open	18.14	1:1	0.232	24.49	
1852.40	9262	bottom	10 mm	UMTS 1900	RMC	A	Open	18.01	1:1	0.512	20.92	
1880.00	9400	bottom	10 mm	UMTS 1900	RMC	A	Open	18.11	1:1	0.515	20.99	
1907.60	9538	bottom	10 mm	UMTS 1900	RMC	A	Open	18.14	1:1	0.549	20.74	
1907.60	9538	right	10 mm	UMTS 1900	RMC	A	Open	18.14	1:1	0.019	35.35	
1907.60	9538	left	10 mm	UMTS 1900	RMC	A	Open	18.14	1:1	0.091	28.55	
1907.60	9538	back	5 mm	UMTS 1900	RMC	A	Closed	18.14	1:1	0.312	23.20	
1907.60	9538	front	5 mm	UMTS 1900	RMC	A	Closed	18.14	1:1	0.076	29.33	
1852.40	9262	bottom	5 mm	UMTS 1900	RMC	A	Closed	18.01	1:1	0.743	19.30	
1880.00	9400	bottom	5 mm	UMTS 1900	RMC	A	Closed	18.11	1:1	0.591	20.39	
1907.60	9538	bottom	5 mm	UMTS 1900	RMC	A	Closed	18.14	1:1	0.562	20.64	
1907.60	9538	right	5 mm	UMTS 1900	RMC	A	Closed	18.14	1:1	0.018	35.59	
1907.60	9538	left	5 mm	UMTS 1900	RMC	A	Closed	18.14	1:1	0.152	26.32	

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Table A-42
DSI = 3 P_{Limit} Calculations – LTE Band 71 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
680.50	133297	Mid	back	10 mm	LTE Band 71	A	Open	20	QPSK	1	0	23.48	0	1:1	0.205	30.36	26.91
680.50	133297	Mid	back	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	23.46	0	1:1	0.206	30.32	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	Open	20	QPSK	1	0	23.48	0	1:1	0.184	30.83	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	23.46	0	1:1	0.194	30.58	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	Open	20	QPSK	1	0	23.48	0	1:1	0.028	38.98	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	23.46	0	1:1	0.029	38.88	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	Open	20	QPSK	1	0	23.48	0	1:1	0.194	30.60	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	23.46	0	1:1	0.233	29.79	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	Open	20	QPSK	1	0	23.48	0	1:1	0.168	31.23	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	Open	20	QPSK	50	25	23.46	0	1:1	0.219	30.06	
680.50	133297	Mid	back	5 mm	LTE Band 71	A	Closed	20	QPSK	1	0	23.48	0	1:1	0.454	26.91	
680.50	133297	Mid	back	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	23.46	0	1:1	0.449	26.94	
680.50	133297	Mid	front	5 mm	LTE Band 71	A	Closed	20	QPSK	1	0	23.48	0	1:1	0.148	31.78	
680.50	133297	Mid	front	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	23.46	0	1:1	0.124	32.53	
680.50	133297	Mid	bottom	5 mm	LTE Band 71	A	Closed	20	QPSK	1	0	23.48	0	1:1	0.148	31.78	
680.50	133297	Mid	bottom	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	23.46	0	1:1	0.135	32.16	
680.50	133297	Mid	right	5 mm	LTE Band 71	A	Closed	20	QPSK	1	0	23.48	0	1:1	0.052	36.29	
680.50	133297	Mid	right	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	23.46	0	1:1	0.068	35.17	
680.50	133297	Mid	left	5 mm	LTE Band 71	A	Closed	20	QPSK	1	0	23.48	0	1:1	0.127	32.44	
680.50	133297	Mid	left	5 mm	LTE Band 71	A	Closed	20	QPSK	50	25	23.46	0	1:1	0.143	31.91	

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Table A-43
DSI = 3 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	1	49	23.56	0	1:1	0.169	31.28	28.14
707.50	23095	Mid	back	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.54	0	1:1	0.178	31.04	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	1	49	23.56	0	1:1	0.179	31.03	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.54	0	1:1	0.171	31.21	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	1	49	23.56	0	1:1	0.029	38.98	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.54	0	1:1	0.026	39.44	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	1	49	23.56	0	1:1	0.182	30.96	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.54	0	1:1	0.166	31.34	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	1	49	23.56	0	1:1	0.175	31.13	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	Open	10	QPSK	25	12	23.54	0	1:1	0.157	31.58	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	1	49	23.56	0	1:1	0.336	28.30	
707.50	23095	Mid	back	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.54	0	1:1	0.347	28.14	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	1	49	23.56	0	1:1	0.042	37.30	
707.50	23095	Mid	front	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.54	0	1:1	0.054	36.23	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	1	49	23.56	0	1:1	0.054	36.28	
707.50	23095	Mid	bottom	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.54	0	1:1	0.063	35.54	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	1	49	23.56	0	1:1	0.121	32.73	
707.50	23095	Mid	right	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.54	0	1:1	0.119	32.78	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	1	49	23.56	0	1:1	0.158	31.57	
707.50	23095	Mid	left	5 mm	LTE Band 12	A	Closed	10	QPSK	25	12	23.54	0	1:1	0.167	31.31	

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Table A-44
DSI = 3 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
782.00	23230	Mid	back	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	23.31	0	1:1	0.206	30.17	26.10
782.00	23230	Mid	back	10 mm	LTE Band 13	A	Open	10	QPSK	25	12	23.37	0	1:1	0.203	30.30	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	23.31	0	1:1	0.170	31.01	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	Open	10	QPSK	25	12	23.37	0	1:1	0.166	31.17	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	23.31	0	1:1	0.048	36.51	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	Open	10	QPSK	25	12	23.37	0	1:1	0.049	36.49	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	23.31	0	1:1	0.147	31.64	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	Open	10	QPSK	25	12	23.37	0	1:1	0.137	32.00	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	1	25	23.31	0	1:1	0.106	33.06	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	Open	10	QPSK	25	12	23.37	0	1:1	0.102	33.28	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	23.31	0	1:1	0.526	26.10	
782.00	23230	Mid	back	5 mm	LTE Band 13	A	Closed	10	QPSK	25	12	23.37	0	1:1	0.522	26.19	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	23.31	0	1:1	0.063	35.35	
782.00	23230	Mid	front	5 mm	LTE Band 13	A	Closed	10	QPSK	25	12	23.37	0	1:1	0.062	35.46	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	23.31	0	1:1	0.178	30.81	
782.00	23230	Mid	bottom	5 mm	LTE Band 13	A	Closed	10	QPSK	25	12	23.37	0	1:1	0.174	30.96	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	23.31	0	1:1	0.075	34.59	
782.00	23230	Mid	right	5 mm	LTE Band 13	A	Closed	10	QPSK	25	12	23.37	0	1:1	0.073	34.76	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	1	25	23.31	0	1:1	0.114	32.74	
782.00	23230	Mid	left	5 mm	LTE Band 13	A	Closed	10	QPSK	25	12	23.37	0	1:1	0.113	32.84	

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Table A-45
DSI = 3 P_{Limit} Calculations – LTE Band 14 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
793.00	23330	Mid	back	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	23.30	0.0	1:1	0.196	30.38	25.38
793.00	23330	Mid	back	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.93	0.5	1:1	0.189	30.17	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	23.30	0.0	1:1	0.168	31.05	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.93	0.5	1:1	0.164	30.78	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	23.30	0.0	1:1	0.049	36.42	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.93	0.5	1:1	0.046	36.33	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	23.30	0.0	1:1	0.179	30.77	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.93	0.5	1:1	0.174	30.52	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	Open	10	QPSK	1	0	23.30	0.0	1:1	0.122	32.44	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	Open	10	QPSK	25	0	22.93	0.5	1:1	0.120	32.14	
793.00	23330	Mid	back	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	23.30	0.0	1:1	0.594	25.56	
793.00	23330	Mid	back	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.93	0.5	1:1	0.569	25.38	
793.00	23330	Mid	front	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	23.30	0.0	1:1	0.165	31.13	
793.00	23330	Mid	front	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.93	0.5	1:1	0.162	30.83	
793.00	23330	Mid	bottom	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	23.30	0.0	1:1	0.125	32.33	
793.00	23330	Mid	bottom	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.93	0.5	1:1	0.123	32.03	
793.00	23330	Mid	right	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	23.30	0.0	1:1	0.078	34.38	
793.00	23330	Mid	right	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.93	0.5	1:1	0.077	34.05	
793.00	23330	Mid	left	5 mm	LTE Band 14	A	Closed	10	QPSK	1	0	23.30	0.0	1:1	0.116	32.66	
793.00	23330	Mid	left	5 mm	LTE Band 14	A	Closed	10	QPSK	25	0	22.93	0.5	1:1	0.116	32.29	

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Table A-46
DSI = 3 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	23.34	0	1:1	0.221	29.90	25.35
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.24	0	1:1	0.228	29.66	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	23.34	0	1:1	0.149	31.61	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.24	0	1:1	0.152	31.42	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	23.34	0	1:1	0.053	36.12	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.24	0	1:1	0.056	35.73	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	23.34	0	1:1	0.164	31.19	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.24	0	1:1	0.163	31.12	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	1	36	23.34	0	1:1	0.074	34.66	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	Open	15	QPSK	36	37	23.24	0	1:1	0.069	34.87	
831.50	26865	Mid	back	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	23.34	0	1:1	0.629	25.35	
831.50	26865	Mid	back	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.24	0	1:1	0.613	25.37	
831.50	26865	Mid	front	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	23.34	0	1:1	0.171	31.01	
831.50	26865	Mid	front	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.24	0	1:1	0.176	30.78	
831.50	26865	Mid	bottom	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	23.34	0	1:1	0.149	31.61	
831.50	26865	Mid	bottom	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.24	0	1:1	0.156	31.31	
831.50	26865	Mid	right	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	23.34	0	1:1	0.109	32.97	
831.50	26865	Mid	right	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.24	0	1:1	0.105	33.03	
831.50	26865	Mid	left	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	1	36	23.34	0	1:1	0.137	31.97	
831.50	26865	Mid	left	5 mm	LTE Band 26 (Cell)	A	Closed	15	QPSK	36	37	23.24	0	1:1	0.130	32.10	

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Table A-47
DSI = 3 P_{Limit} Calculations – LTE Band 5 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	25	22.72	0	1:1	0.243	28.86	24.32
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.75	0	1:1	0.245	28.86	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	25	22.72	0	1:1	0.173	30.34	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.75	0	1:1	0.176	30.29	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	25	22.72	0	1:1	0.067	34.47	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.75	0	1:1	0.069	34.34	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	25	22.72	0	1:1	0.163	30.60	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.75	0	1:1	0.162	30.65	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	1	25	22.72	0	1:1	0.060	34.97	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	Open	10	QPSK	25	25	22.75	0	1:1	0.054	35.41	
836.50	20525	Mid	back	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	25	22.72	0	1:1	0.692	24.32	
836.50	20525	Mid	back	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.75	0	1:1	0.621	24.82	
836.50	20525	Mid	back	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	50	0	22.67	0	1:1	0.594	24.93	
836.50	20525	Mid	front	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	25	22.72	0	1:1	0.175	30.29	
836.50	20525	Mid	front	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.75	0	1:1	0.178	30.25	
836.50	20525	Mid	bottom	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	25	22.72	0	1:1	0.196	29.80	
836.50	20525	Mid	bottom	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.75	0	1:1	0.201	29.72	
836.50	20525	Mid	right	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	25	22.72	0	1:1	0.125	31.75	
836.50	20525	Mid	right	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.75	0	1:1	0.123	31.85	
836.50	20525	Mid	left	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	1	25	22.72	0	1:1	0.144	31.14	
836.50	20525	Mid	left	5 mm	LTE Band 5 (Cell)	A	Closed	10	QPSK	25	25	22.75	0	1:1	0.142	31.23	

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Table A-48
DSI = 3 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	19.19	0	1:1	0.420	22.96	20.28
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.28	0	1:1	0.348	23.86	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	19.19	0	1:1	0.366	23.56	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.28	0	1:1	0.370	23.60	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	19.19	0	1:1	0.515	22.07	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.28	0	1:1	0.507	22.23	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	19.19	0	1:1	0.036	33.63	
1770.00	132572	High	right	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.28	0	1:1	0.035	33.84	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	1	50	19.19	0	1:1	0.118	28.47	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	A	Open	20	QPSK	50	25	19.28	0	1:1	0.116	28.64	
1770.00	132572	High	back	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	50	19.19	0	1:1	0.509	22.12	
1770.00	132572	High	back	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.28	0	1:1	0.506	22.24	
1770.00	132572	High	front	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	50	19.19	0	1:1	0.207	26.03	
1770.00	132572	High	front	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.28	0	1:1	0.206	26.14	
1720.00	132072	Low	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	50	19.07	0	1:1	0.711	20.55	
1745.00	132322	Mid	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	50	19.07	0	1:1	0.758	20.28	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	50	19.19	0	1:1	0.683	20.85	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.28	0	1:1	0.697	20.85	
1770.00	132572	High	bottom	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	100	0	19.18	0	1:1	0.677	20.87	
1770.00	132572	High	right	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	50	19.19	0	1:1	0.010	39.19	
1770.00	132572	High	right	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.28	0	1:1	0.009	39.74	
1770.00	132572	High	left	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	1	50	19.19	0	1:1	0.155	27.29	
1770.00	132572	High	left	5 mm	LTE Band 66 (AWS)	A	Closed	20	QPSK	50	25	19.28	0	1:1	0.154	27.40	

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Table A-49
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	50	18.42	0	1:1	0.333	23.20	19.03
1905.00	26590	High	back	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	18.23	0	1:1	0.331	23.03	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	50	18.42	0	1:1	0.272	24.07	
1905.00	26590	High	front	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	18.23	0	1:1	0.269	23.93	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	50	18.42	0	1:1	0.627	20.45	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	50	18.00	0	1:1	0.565	20.48	
1882.50	26365	Mid	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	18.10	0	1:1	0.570	20.54	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	18.23	0	1:1	0.625	20.27	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	50	18.42	0	1:1	0.022	35.00	
1905.00	26590	High	right	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	18.23	0	1:1	0.023	34.61	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	1	50	18.42	0	1:1	0.101	28.38	
1905.00	26590	High	left	10 mm	LTE Band 25 (PCS)	A	Open	20	QPSK	50	25	18.23	0	1:1	0.103	28.10	
1905.00	26590	High	back	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	50	18.42	0	1:1	0.342	23.08	
1905.00	26590	High	back	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	18.23	0	1:1	0.326	23.10	
1905.00	26590	High	front	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	50	18.42	0	1:1	0.134	27.15	
1905.00	26590	High	front	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	18.23	0	1:1	0.139	26.80	
1905.00	26590	High	bottom	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	50	18.42	0	1:1	0.697	19.99	
1860.00	26140	Low	bottom	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	50	18.00	0	1:1	0.789	19.03	
1882.50	26365	Mid	bottom	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	18.10	0	1:1	0.754	19.33	
1905.00	26590	High	bottom	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	18.23	0	1:1	0.688	19.85	
1905.00	26590	High	bottom	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	100	0	18.10	0	1:1	0.681	19.77	
1905.00	26590	High	right	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	50	18.42	0	1:1	0.022	35.00	
1905.00	26590	High	right	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	18.23	0	1:1	0.023	34.61	
1905.00	26590	High	left	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	1	50	18.42	0	1:1	0.193	25.56	
1905.00	26590	High	left	5 mm	LTE Band 25 (PCS)	A	Closed	20	QPSK	50	25	18.23	0	1:1	0.200	25.22	

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Table A-50
DSI = 3 P_{Limit} Calculations – LTE Band 30 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
2310.00	27710	Mid	back	10 mm	LTE Band 30	B	Open	10	QPSK	1	49	17.26	0	1:1	0.252	23.25	19.45
2310.00	27710	Mid	back	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	17.27	0	1:1	0.254	23.22	
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	Open	10	QPSK	1	49	17.26	0	1:1	0.203	24.19	
2310.00	27710	Mid	front	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	17.27	0	1:1	0.196	24.35	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	Open	10	QPSK	1	49	17.26	0	1:1	0.479	20.46	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	17.27	0	1:1	0.474	20.51	
2310.00	27710	Mid	left	10 mm	LTE Band 30	B	Open	10	QPSK	1	49	17.26	0	1:1	0.051	30.18	
2310.00	27710	Mid	left	10 mm	LTE Band 30	B	Open	10	QPSK	25	12	17.27	0	1:1	0.049	30.37	
2310.00	27710	Mid	back	5 mm	LTE Band 30	B	Closed	10	QPSK	1	49	17.26	0	1:1	0.337	21.98	
2310.00	27710	Mid	back	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	17.27	0	1:1	0.339	21.97	
2310.00	27710	Mid	front	5 mm	LTE Band 30	B	Closed	10	QPSK	1	49	17.26	0	1:1	0.025	33.28	
2310.00	27710	Mid	front	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	17.27	0	1:1	0.025	33.29	
2310.00	27710	Mid	bottom	5 mm	LTE Band 30	B	Closed	10	QPSK	1	49	17.26	0	1:1	0.604	19.45	
2310.00	27710	Mid	bottom	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	17.27	0	1:1	0.588	19.58	
2310.00	27710	Mid	left	5 mm	LTE Band 30	B	Closed	10	QPSK	1	49	17.26	0	1:1	0.129	26.15	
2310.00	27710	Mid	left	5 mm	LTE Band 30	B	Closed	10	QPSK	25	12	17.27	0	1:1	0.128	26.20	

Table A-51
DSI = 3 P_{Limit} Calculations – LTE Band 7 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
2560.00	21350	High	back	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.33	0	1:1	0.112	27.84	21.52
2560.00	21350	High	back	10 mm	LTE Band 7	B	Open	20	QPSK	50	50	18.20	0	1:1	0.113	27.67	
2560.00	21350	High	front	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.33	0	1:1	0.104	28.16	
2560.00	21350	High	front	10 mm	LTE Band 7	B	Open	20	QPSK	50	50	18.20	0	1:1	0.105	27.99	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.33	0	1:1	0.167	26.10	
2560.00	21350	High	bottom	10 mm	LTE Band 7	B	Open	20	QPSK	50	50	18.20	0	1:1	0.163	26.08	
2560.00	21350	High	left	10 mm	LTE Band 7	B	Open	20	QPSK	1	99	18.33	0	1:1	0.062	30.41	
2560.00	21350	High	left	10 mm	LTE Band 7	B	Open	20	QPSK	50	50	18.20	0	1:1	0.059	30.49	
2560.00	21350	High	back	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.33	0	1:1	0.179	25.80	
2560.00	21350	High	back	5 mm	LTE Band 7	B	Closed	20	QPSK	50	50	18.20	0	1:1	0.180	25.65	
2560.00	21350	High	front	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.33	0	1:1	0.016	36.29	
2560.00	21350	High	front	5 mm	LTE Band 7	B	Closed	20	QPSK	50	50	18.20	0	1:1	0.017	35.90	
2560.00	21350	High	bottom	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.33	0	1:1	0.475	21.56	
2560.00	21350	High	bottom	5 mm	LTE Band 7	B	Closed	20	QPSK	50	50	18.20	0	1:1	0.466	21.52	
2560.00	21350	High	left	5 mm	LTE Band 7	B	Closed	20	QPSK	1	99	18.33	0	1:1	0.182	25.73	
2560.00	21350	High	left	5 mm	LTE Band 7	B	Closed	20	QPSK	50	50	18.20	0	1:1	0.179	25.67	

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Table A-52
DSI = 3 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	20.10	0	1:1.58	0.183	25.49	20.10
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	20.12	0	1:1.58	0.183	25.51	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	20.10	0	1:1.58	0.149	26.38	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	20.12	0	1:1.58	0.152	26.32	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	20.10	0	1:1.58	0.382	22.30	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	20.12	0	1:1.58	0.386	22.27	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	Open	20	QPSK	1	50	20.10	0	1:1.58	0.026	33.97	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	Open	20	QPSK	50	25	20.12	0	1:1.58	0.026	33.99	
2593.00	40620	Mid	back	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	20.10	0	1:1.58	0.169	25.84	
2593.00	40620	Mid	back	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	20.12	0	1:1.58	0.168	25.88	
2593.00	40620	Mid	front	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	20.10	0	1:1.58	0.019	35.33	
2593.00	40620	Mid	front	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	20.12	0	1:1.58	0.020	35.13	
2506.00	39750	Low	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.36	0	1:1.58	0.524	20.18	
2549.50	40185	Low-Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.95	0	1:1.58	0.601	20.18	
2593.00	40620	Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	20.10	0	1:1.58	0.633	20.10	
2636.50	41055	Mid-High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	20.03	0	1:1.58	0.458	21.44	
2680.00	41490	High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	19.95	0	1:1.58	0.483	21.13	
2506.00	39750	Low	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.38	0	1:1.58	0.526	20.19	
2549.50	40185	Low-Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	19.83	0	1:1.58	0.587	20.16	
2593.00	40620	Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	20.12	0	1:1.58	0.626	20.17	
2636.50	41055	Mid-High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	20.04	0	1:1.58	0.453	21.50	
2680.00	41490	High	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	50	50	20.00	0	1:1.58	0.476	21.24	
2593.00	40620	Mid	bottom	5 mm	LTE Band 41	B	Closed	20	QPSK	100	0	19.97	0	1:1.58	0.563	20.48	
2593.00	40620	Mid	left	5 mm	LTE Band 41	B	Closed	20	QPSK	1	50	20.10	0	1:1.58	0.200	25.11	
2593.00	40620	Mid	left	5 mm	LTE Band 41	B	Closed	20	QPSK	50	25	20.12	0	1:1.58	0.204	25.04	

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Table A-53
DSI = 3 P_{Limit} Calculations – LTE Band 48 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Form Factor	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
3690.00	56640	High	back	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	18.13	0	1:1.58	0.164	24.00	18.07
3690.00	56640	High	back	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	18.19	0	1:1.58	0.161	24.14	
3690.00	56640	High	front	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	18.13	0	1:1.58	0.156	24.21	
3690.00	56640	High	front	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	18.19	0	1:1.58	0.156	24.27	
3690.00	56640	High	top	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	18.13	0	1:1.58	0.072	27.57	
3690.00	56640	High	top	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	18.19	0	1:1.58	0.075	27.46	
3690.00	56640	High	left	10 mm	LTE Band 48	F	Open	20	QPSK	1	99	18.13	0	1:1.58	0.341	20.82	
3690.00	56640	High	left	10 mm	LTE Band 48	F	Open	20	QPSK	50	50	18.19	0	1:1.58	0.329	21.03	
3690.00	56640	High	back	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	18.13	0	1:1.58	0.064	28.08	
3690.00	56640	High	back	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	18.19	0	1:1.58	0.064	28.14	
3690.00	56640	High	front	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	18.13	0	1:1.58	0.291	21.51	
3690.00	56640	High	front	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	18.19	0	1:1.58	0.290	21.58	
3690.00	56640	High	bottom	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	18.13	0	1:1.58	0.135	24.84	
3690.00	56640	High	bottom	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	18.19	0	1:1.58	0.127	25.17	
3560.00	55340	Low	left	5 mm	LTE Band 48	F	Closed	20	QPSK	1	0	18.06	0	1:1.58	0.376	20.32	
3603.30	55773	Low-Mid	left	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	17.70	0	1:1.58	0.500	18.73	
3646.70	56207	Mid-High	left	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	17.84	0	1:1.58	0.601	18.07	
3690.00	56640	High	left	5 mm	LTE Band 48	F	Closed	20	QPSK	1	99	18.13	0	1:1.58	0.622	18.21	
3560.00	55340	Low	left	5 mm	LTE Band 48	F	Closed	20	QPSK	50	0	18.04	0	1:1.58	0.380	20.26	
3603.30	55773	Low-Mid	left	5 mm	LTE Band 48	F	Closed	20	QPSK	50	0	17.83	0	1:1.58	0.468	19.14	
3646.70	56207	Mid-High	left	5 mm	LTE Band 48	F	Closed	20	QPSK	50	25	17.86	0	1:1.58	0.578	18.26	
3690.00	56640	High	left	5 mm	LTE Band 48	F	Closed	20	QPSK	50	50	18.19	0	1:1.58	0.616	18.31	
3690.00	56640	High	left	5 mm	LTE Band 48	F	Closed	20	QPSK	100	0	18.11	0	1:1.58	0.638	18.08	

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Table A-54
DSI = 3 P_{Limit} Calculations – NR Band n71 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	136100	Mid	back	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.165	31.08
680.50	136100	Mid	back	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.169	31.04
680.50	136100	Mid	front	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.152	31.43
680.50	136100	Mid	front	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.155	31.42
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.034	37.94
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.034	38.01
680.50	136100	Mid	right	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.219	29.85
680.50	136100	Mid	right	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.235	29.61
680.50	136100	Mid	right	10 mm	NR Band n71	A	Open	20	CP-OFDM	QPSK	1	1	22.43	1:1	0.161	30.36
680.50	136100	Mid	left	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.158	31.26
680.50	136100	Mid	left	10 mm	NR Band n71	A	Open	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.164	31.17
680.50	136100	Mid	back	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.357	27.72
680.50	136100	Mid	back	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.383	27.49
680.50	136100	Mid	back	5 mm	NR Band n71	A	Closed	20	CP-OFDM	QPSK	1	1	22.43	1:1	0.254	28.38
680.50	136100	Mid	front	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.063	35.26
680.50	136100	Mid	front	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.067	35.06
680.50	136100	Mid	bottom	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.022	39.83
680.50	136100	Mid	bottom	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.024	39.52
680.50	136100	Mid	right	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.086	33.91
680.50	136100	Mid	right	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.088	33.88
680.50	136100	Mid	left	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	1	53	23.25	1:1	0.146	31.61
680.50	136100	Mid	left	5 mm	NR Band n71	A	Closed	20	DFT-S-OFDM	QPSK	50	28	23.32	1:1	0.148	31.62

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Table A-55
DSI = 3 P_{Limit} Calculations – NR Band n12 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
707.50	141500	Mid	back	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.161	31.23	26.87
707.50	141500	Mid	back	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.164	31.12	
707.50	141500	Mid	front	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.157	31.34	
707.50	141500	Mid	front	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.159	31.26	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.019	40.51	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.023	39.65	
707.50	141500	Mid	right	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.235	29.59	
707.50	141500	Mid	right	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.234	29.58	
707.50	141500	Mid	right	10 mm	NR Band n12	A	Open	15	CP-OFDM	QPSK	1	1	22.50	1:1	0.170	30.20	
707.50	141500	Mid	left	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.150	31.54	
707.50	141500	Mid	left	10 mm	NR Band n12	A	Open	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.151	31.48	
707.50	141500	Mid	back	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.404	27.24	
707.50	141500	Mid	back	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.413	27.11	
707.50	141500	Mid	back	5 mm	NR Band n12	A	Closed	15	CP-OFDM	QPSK	1	1	22.50	1:1	0.366	26.87	
707.50	141500	Mid	front	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.056	35.82	
707.50	141500	Mid	front	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.054	35.95	
707.50	141500	Mid	bottom	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.064	35.24	
707.50	141500	Mid	bottom	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.064	35.21	
707.50	141500	Mid	right	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.091	33.71	
707.50	141500	Mid	right	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.095	33.49	
707.50	141500	Mid	left	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	1	1	23.30	1:1	0.118	32.58	
707.50	141500	Mid	left	5 mm	NR Band n12	A	Closed	15	DFT-S-OFDM	QPSK	36	0	23.27	1:1	0.115	32.66	

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Table A-56
DSI = 3 P_{Limit} Calculations – NR Band n5 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	W/kg															
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.208	30.24	24.08
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.238	29.64	
836.50	167300	Mid	back	10 mm	NR Band n5 (Cell)	A	Open	20	CP-OFDM	QPSK	1	1	22.06	1:1	0.195	29.16	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.159	31.41	
836.50	167300	Mid	front	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.170	31.11	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.057	35.86	
836.50	167300	Mid	bottom	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.065	35.28	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.174	31.01	
836.50	167300	Mid	right	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.189	30.65	
836.50	167300	Mid	left	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.083	34.23	
836.50	167300	Mid	left	10 mm	NR Band n5 (Cell)	A	Open	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.083	34.22	
836.50	167300	Mid	back	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.679	25.10	
836.50	167300	Mid	back	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.704	24.93	
836.50	167300	Mid	back	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	100	0	23.36	1:1	0.697	24.93	
836.50	167300	Mid	back	5 mm	NR Band n5 (Cell)	A	Closed	20	CP-OFDM	QPSK	1	1	22.06	1:1	0.628	24.08	
836.50	167300	Mid	front	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.189	30.66	
836.50	167300	Mid	front	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.205	30.29	
836.50	167300	Mid	bottom	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.141	31.93	
836.50	167300	Mid	bottom	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.146	31.77	
836.50	167300	Mid	right	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.092	33.78	
836.50	167300	Mid	right	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.107	33.12	
836.50	167300	Mid	left	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	1	1	23.42	1:1	0.156	31.49	
836.50	167300	Mid	left	5 mm	NR Band n5 (Cell)	A	Closed	20	DFT-S-OFDM	QPSK	50	0	23.41	1:1	0.163	31.29	

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Table A-57
DSI = 3 P_{Limit} Calculations – NR Band n66 Antenna A Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	1	214	1:1	0.419	22.01	18.67
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.429	21.96	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	1	214	1:1	0.299	23.47	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.305	23.44	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	1	214	1:1	0.460	21.60	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.475	21.51	
1745.00	349000	Mid	bottom	10 mm	NR Band n66 (AWS)	A	Open	40	CP-OFDM	QPSK	1	1	1:1	0.427	21.64	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	1	214	1:1	0.030	33.46	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.031	33.37	
1745.00	349000	Mid	left	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	1	214	1:1	0.068	29.90	
1745.00	349000	Mid	left	10 mm	NR Band n66 (AWS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.071	29.77	
1745.00	349000	Mid	back	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	1	214	1:1	0.498	21.26	
1745.00	349000	Mid	back	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.565	20.76	
1745.00	349000	Mid	front	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	1	214	1:1	0.182	25.63	
1745.00	349000	Mid	front	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.196	25.36	
1745.00	349000	Mid	bottom	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	1	214	1:1	0.707	19.74	
1745.00	349000	Mid	bottom	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.768	19.43	
1745.00	349000	Mid	bottom	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	216	0	1:1	0.801	19.09	
1745.00	349000	Mid	bottom	5 mm	NR Band n66 (AWS)	A	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.846	18.67	
1745.00	349000	Mid	right	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	1	214	1:1	0.015	36.47	
1745.00	349000	Mid	right	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.018	35.73	
1745.00	349000	Mid	left	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	1	214	1:1	0.154	26.35	
1745.00	349000	Mid	left	5 mm	NR Band n66 (AWS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.181	25.70	

Table A-58
DSI = 3 P_{Limit} Calculations – NR Band n66 Antenna I Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.023	31.68	20.59
1745.00	349000	Mid	back	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.021	32.05	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.026	31.15	
1745.00	349000	Mid	front	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.024	31.47	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.003	40.53	
1745.00	349000	Mid	top	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.003	40.50	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.038	29.50	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.037	29.59	
1745.00	349000	Mid	right	10 mm	NR Band n66 (AWS)	I	Open	40	CP-OFDM	QPSK	1	1	1:1	0.041	28.93	
1745.00	349000	Mid	back	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.002	42.29	
1745.00	349000	Mid	back	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.002	42.26	
1745.00	349000	Mid	front	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.029	30.68	
1745.00	349000	Mid	front	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.034	29.96	
1745.00	349000	Mid	top	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.000	55.30	
1745.00	349000	Mid	top	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.000	55.27	
1745.00	349000	Mid	bottom	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.003	40.53	
1745.00	349000	Mid	bottom	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.004	39.25	
1745.00	349000	Mid	right	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.280	20.83	
1745.00	349000	Mid	right	5 mm	NR Band n66 (AWS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.274	20.89	
1745.00	349000	Mid	right	5 mm	NR Band n66 (AWS)	I	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.280	20.59	

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Table A-59
DSI = 3 P_{Limit} Calculations – NR Band n25 Antenna A Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.343	22.63	18.87
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.340	22.77	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.235	24.27	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.231	24.44	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.604	20.17	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.633	20.07	
1882.50	376500	Mid	bottom	10 mm	NR Band n25 (PCS)	A	Open	40	CP-OFDM	QPSK	1	1	1:1	0.535	20.69	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.030	33.21	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.029	33.46	
1882.50	376500	Mid	left	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.077	29.12	
1882.50	376500	Mid	left	10 mm	NR Band n25 (PCS)	A	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.079	29.10	
1882.50	376500	Mid	back	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.314	23.01	
1882.50	376500	Mid	back	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.332	22.87	
1882.50	376500	Mid	front	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.114	27.41	
1882.50	376500	Mid	front	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.115	27.47	
1882.50	376500	Mid	bottom	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.617	20.08	
1882.50	376500	Mid	bottom	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.660	19.88	
1882.50	376500	Mid	bottom	5 mm	NR Band n25 (PCS)	A	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.812	18.87	
1882.50	376500	Mid	right	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.020	34.97	
1882.50	376500	Mid	right	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.020	35.07	
1882.50	376500	Mid	left	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.144	26.40	
1882.50	376500	Mid	left	5 mm	NR Band n25 (PCS)	A	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.167	25.85	

Table A-60
DSI = 3 P_{Limit} Calculations – NR Band n25 Antenna I Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.106	26.03	16.91
1882.50	376500	Mid	back	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.107	26.05	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.089	26.79	
1882.50	376500	Mid	front	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.089	26.85	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.034	30.97	
1882.50	376500	Mid	top	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.034	31.03	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	0.294	21.60	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	I	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	0.289	21.73	
1882.50	376500	Mid	right	10 mm	NR Band n25 (PCS)	I	Open	40	CP-OFDM	QPSK	1	1	1:1	0.273	21.88	
1882.50	376500	Mid	back	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.025	32.30	
1882.50	376500	Mid	back	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.036	30.78	
1882.50	376500	Mid	front	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.371	20.59	
1882.50	376500	Mid	front	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.378	20.57	
1882.50	376500	Mid	top	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.018	33.73	
1882.50	376500	Mid	top	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.021	33.12	
1882.50	376500	Mid	bottom	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.050	29.29	
1882.50	376500	Mid	bottom	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.049	29.44	
1882.50	376500	Mid	right	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	0.844	17.02	
1882.50	376500	Mid	right	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	0.861	16.99	
1882.50	376500	Mid	right	5 mm	NR Band n25 (PCS)	I	Closed	40	DFT-S-OFDM	QPSK	216	0	1:1	0.862	16.91	
1882.50	376500	Mid	right	5 mm	NR Band n25 (PCS)	I	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.817	17.12	

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Table A-61
DSI = 3 P_{Limit} Calculations – NR Band n30 Antenna B Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	462000	Mid	back	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	1:1	0.226	24.51	19.10
2310.00	462000	Mid	back	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.233	24.42	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	1:1	0.163	25.93	
2310.00	462000	Mid	front	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.167	25.86	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	1:1	0.537	20.75	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.550	20.69	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	B	Open	10	CP-OFDM	QPSK	1	1	1:1	0.557	20.76	
2310.00	462000	Mid	left	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	1	26	1:1	0.073	29.42	
2310.00	462000	Mid	left	10 mm	NR Band n30	B	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.076	29.28	
2310.00	462000	Mid	back	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	1:1	0.377	22.29	
2310.00	462000	Mid	back	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.381	22.28	
2310.00	462000	Mid	front	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	1:1	0.066	29.85	
2310.00	462000	Mid	front	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.070	29.64	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	1:1	0.775	19.16	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.792	19.10	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	50	0	1:1	0.781	19.11	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	B	Closed	10	CP-OFDM	QPSK	1	1	1:1	0.789	19.25	
2310.00	462000	Mid	left	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	1	26	1:1	0.241	24.23	
2310.00	462000	Mid	left	5 mm	NR Band n30	B	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.243	24.23	

Table A-62
DSI = 3 P_{Limit} Calculations – NR Band n30 Antenna I Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	462000	Mid	back	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	1	1:1	0.170	26.89	21.79
2310.00	462000	Mid	back	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.167	27.02	
2310.00	462000	Mid	front	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	1	1:1	0.201	26.16	
2310.00	462000	Mid	front	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.205	26.13	
2310.00	462000	Mid	top	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	1	1:1	0.041	33.06	
2310.00	462000	Mid	top	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.043	32.92	
2310.00	462000	Mid	right	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	1	1	1:1	0.247	25.26	
2310.00	462000	Mid	right	10 mm	NR Band n30	I	Open	10	DFT-S-OFDM	QPSK	25	14	1:1	0.254	25.20	
2310.00	462000	Mid	right	10 mm	NR Band n30	I	Open	10	CP-OFDM	QPSK	1	1	1:1	0.259	25.19	
2310.00	462000	Mid	back	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	1	1:1	0.045	32.66	
2310.00	462000	Mid	back	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.045	32.72	
2310.00	462000	Mid	front	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	1	1:1	0.222	25.73	
2310.00	462000	Mid	front	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.229	25.65	
2310.00	462000	Mid	top	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	1	1:1	0.028	34.72	
2310.00	462000	Mid	top	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.031	34.34	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	1	1:1	0.148	27.49	
2310.00	462000	Mid	bottom	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.156	27.32	
2310.00	462000	Mid	right	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	1	1	1:1	0.543	21.84	
2310.00	462000	Mid	right	5 mm	NR Band n30	I	Closed	10	DFT-S-OFDM	QPSK	25	14	1:1	0.540	21.93	
2310.00	462000	Mid	right	5 mm	NR Band n30	I	Closed	10	CP-OFDM	QPSK	1	1	1:1	0.566	21.79	

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Table A-63
DSI = 3 P_{Limit} Calculations – NR Band n7 Antenna B Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2535.00	507000	Mid	back	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.153	27.86
2535.00	507000	Mid	back	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.151	28.07
2535.00	507000	Mid	front	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.126	28.71
2535.00	507000	Mid	front	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.122	29.00
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.403	23.66
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.407	23.76
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	Open	40	CP-OFDM	QPSK	1	1	1:1	19.54	0.414	23.37
2535.00	507000	Mid	left	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.072	31.14
2535.00	507000	Mid	left	10 mm	NR Band n7	B	Open	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.073	31.23
2535.00	507000	Mid	back	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.274	25.33
2535.00	507000	Mid	back	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.298	25.12
2535.00	507000	Mid	front	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.030	34.94
2535.00	507000	Mid	front	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.028	35.39
2535.00	507000	Mid	bottom	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.205	26.59
2535.00	507000	Mid	bottom	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.199	26.87
2535.00	507000	Mid	left	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	1	108	1:1	19.71	0.289	25.10
2535.00	507000	Mid	left	5 mm	NR Band n7	B	Closed	40	DFT-S-OFDM	QPSK	108	108	1:1	19.86	0.294	25.18
2535.00	507000	Mid	left	5 mm	NR Band n7	B	Closed	40	CP-OFDM	QPSK	1	1	1:1	19.54	0.353	24.06

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Table A-64
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	271	1.1	0.099	27.78	20.30
2592.99	518598	Mid	back	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	1.1	0.102	27.49	
2592.99	518598	Mid	front	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	271	1.1	0.133	26.50	
2592.99	518598	Mid	front	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	1.1	0.136	26.24	
2592.99	518598	Mid	top	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	271	1.1	0.043	31.41	
2592.99	518598	Mid	top	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	1.1	0.039	31.67	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	1	271	1.1	0.146	26.10	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	DFT-S-OFDM	QPSK	135	138	1.1	0.143	26.03	
2592.99	518598	Mid	right	10 mm	NR Band n41	I	Open	100	CP-OFDM	QPSK	1	1	1.1	0.099	26.89	
2592.99	518598	Mid	back	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	271	1.1	0.129	26.63	
2592.99	518598	Mid	back	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	1.1	0.127	26.54	
2592.99	518598	Mid	front	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	271	1.1	0.398	21.74	
2592.99	518598	Mid	front	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	1.1	0.401	21.55	
2592.99	518598	Mid	top	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	271	1.1	0.044	31.31	
2592.99	518598	Mid	top	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	1.1	0.041	31.45	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	271	1.1	0.099	27.78	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	1.1	0.106	27.33	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	1	271	1.1	0.530	20.50	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	DFT-S-OFDM	QPSK	135	138	1.1	0.535	20.30	
2592.99	518598	Mid	right	5 mm	NR Band n41	I	Closed	100	CP-OFDM	QPSK	1	1	1.1	0.442	20.40	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.099	25.16	16.81
2592.99	518598	Mid	front	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.090	25.58	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.275	20.73	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.015	33.36	
2592.99	518598	Mid	back	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.225	21.60	
2592.99	518598	Mid	front	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.019	32.33	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.678	16.81	
2592.99	518598	Mid	left	5 mm	NR Band n41	B	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.179	22.59	
2592.99	518598	Mid	back	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.030	28.93	24.11
2592.99	518598	Mid	front	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.018	31.15	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.008	34.67	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.033	28.51	
2592.99	518598	Mid	back	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.008	34.67	
2592.99	518598	Mid	front	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.041	27.57	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.027	29.39	
2592.99	518598	Mid	left	5 mm	NR Band n41	F	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.091	24.11	
2592.99	518598	Mid	back	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.006	32.50	19.71
2592.99	518598	Mid	front	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.002	37.27	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.000	50.28	
2592.99	518598	Mid	left	10 mm	NR Band n41	C	Open	100	CW/SRS	N/A	N/A	N/A	1.1	0.005	33.29	
2592.99	518598	Mid	back	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.046	23.65	
2592.99	518598	Mid	front	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.011	29.87	
2592.99	518598	Mid	top	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.007	31.83	
2592.99	518598	Mid	bottom	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.002	37.27	
2592.99	518598	Mid	left	5 mm	NR Band n41	C	Closed	100	CW/SRS	N/A	N/A	N/A	1.1	0.114	19.71	

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Table A-65
DSI = 3 P_{Limit} Calculations – NR Band n48 Antenna F Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.													(W/kg)		
3570.00	638000	Low	back	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	1:1	0.154	25.61	20.32
3570.00	638000	Low	back	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	1:1	0.157	25.38	
3570.00	638000	Low	front	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	1:1	0.089	28.00	
3570.00	638000	Low	front	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	1:1	0.088	27.90	
3570.00	638000	Low	top	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	1:1	0.075	28.74	
3570.00	638000	Low	top	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	1:1	0.073	28.71	
3570.00	638000	Low	left	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	1	1	1:1	0.180	24.94	
3570.00	638000	Low	left	10 mm	NR Band n48	F	Open	40	DFT-S-OFDM	QPSK	50	0	1:1	0.193	24.48	
3570.00	638000	Low	left	10 mm	NR Band n48	F	Open	40	CP-OFDM	QPSK	1	1	1:1	0.180	24.54	
3570.00	638000	Low	back	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	1:1	0.034	32.18	
3570.00	638000	Low	back	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	1:1	0.033	32.15	
3570.00	638000	Low	front	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	1:1	0.414	21.32	
3570.00	638000	Low	front	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	1:1	0.413	21.18	
3570.00	638000	Low	bottom	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	1:1	0.147	25.82	
3570.00	638000	Low	bottom	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	1:1	0.148	25.64	
3570.00	638000	Low	left	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	1	1	1:1	0.470	20.77	
3570.00	638000	Low	left	5 mm	NR Band n48	F	Closed	40	DFT-S-OFDM	QPSK	50	0	1:1	0.483	20.50	
3570.00	638000	Low	left	5 mm	NR Band n48	F	Closed	40	CP-OFDM	QPSK	1	1	1:1	0.475	20.32	

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Table A-66
DSI = 3 P_{Limit} Calculations – NR Band n48 Antenna I, E, C Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)		Overall Plimit
MHz	Ch.													(W/kg)	Plimit	
3679.98	645332	High	back	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.116	25.99	18.74
3679.98	645332	High	front	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.085	27.34	
3679.98	645332	High	top	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.015	34.87	
3679.98	645332	High	right	10 mm	NR Band n48	I	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.183	24.01	
3679.98	645332	High	back	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.042	30.40	
3679.98	645332	High	front	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.359	21.08	
3679.98	645332	High	top	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.026	32.48	
3679.98	645332	High	bottom	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.016	34.59	
3570.00	638000	Low	right	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.496	19.47	
3624.99	641666	Mid	right	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.587	18.74	
3679.98	645332	High	right	5 mm	NR Band n48	I	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.453	20.07	
3679.98	645332	High	back	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.103	26.34	21.82
3679.98	645332	High	front	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.062	28.55	
3679.98	645332	High	top	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.016	34.43	
3679.98	645332	High	left	10 mm	NR Band n48	E	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.113	25.94	
3679.98	645332	High	back	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.032	31.42	
3679.98	645332	High	front	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.186	23.77	
3679.98	645332	High	top	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.013	35.33	
3679.98	645332	High	bottom	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.035	31.03	
3679.98	645332	High	left	5 mm	NR Band n48	E	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.292	21.82	
3679.98	645332	High	back	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.025	30.12	21.45
3679.98	645332	High	front	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.022	30.68	
3679.98	645332	High	bottom	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.015	32.34	
3679.98	645332	High	left	10 mm	NR Band n48	C	Open	40	CW/SRS	N/A	N/A	N/A	1:1	0.065	25.97	
3679.98	645332	High	back	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.088	24.66	
3679.98	645332	High	front	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.019	31.31	
3679.98	645332	High	top	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.009	34.56	
3679.98	645332	High	bottom	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.020	31.09	
3679.98	645332	High	left	5 mm	NR Band n48	C	Closed	40	CW/SRS	N/A	N/A	N/A	1:1	0.184	21.45	

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Table A-67
DSI = 3 P_{Limit} Calculations – NR Band n77 DoD Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.103	26.25	21.43
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.103	26.22	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.113	25.85	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.121	25.52	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.154	24.50	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.141	24.86	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.286	21.82	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	F	Open	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.282	21.85	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	F	Open	100	CP-OFDM	QPSK	1	1	15.89	1:1	0.279	21.43	
3500.01	633334	Mid	back	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.039	30.47	
3500.01	633334	Mid	back	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.036	30.79	
3500.01	633334	Mid	front	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.149	24.65	
3500.01	633334	Mid	front	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.137	24.98	
3500.01	633334	Mid	bottom	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.116	25.74	
3500.01	633334	Mid	bottom	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.111	25.90	
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	1	1	16.38	1:1	0.227	22.82	
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	F	Closed	100	DFT-S-OFDM	QPSK	135	0	16.35	1:1	0.249	22.39	
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	F	Closed	100	CP-OFDM	QPSK	1	1	15.89	1:1	0.234	22.20	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.049	28.47	19.99
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.045	28.84	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.010	35.37	
3500.01	633334	Mid	right	10 mm	NR Band n77 DoD	I	Open	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.115	24.76	
3500.01	633334	Mid	back	5 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.019	32.58	
3500.01	633334	Mid	front	5 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.200	22.36	
3500.01	633334	Mid	top	5 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.023	31.75	
3500.01	633334	Mid	bottom	5 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.021	32.15	
3500.01	633334	Mid	right	5 mm	NR Band n77 DoD	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.37	1:1	0.345	19.99	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.051	28.45	22.23
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.049	28.63	
3500.01	633334	Mid	top	10 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.006	37.75	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	E	Open	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.065	27.40	
3500.01	633334	Mid	back	5 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.042	29.30	
3500.01	633334	Mid	front	5 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.100	25.53	
3500.01	633334	Mid	top	5 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.011	35.12	
3500.01	633334	Mid	bottom	5 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.024	31.73	
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.53	1:1	0.214	22.23	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.044	27.49	20.25
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.020	30.91	
3500.01	633334	Mid	bottom	10 mm	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.015	32.16	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	C	Open	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.087	24.52	
3500.01	633334	Mid	back	5 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.089	24.43	
3500.01	633334	Mid	front	5 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.011	33.51	
3500.01	633334	Mid	top	5 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.008	34.89	
3500.01	633334	Mid	bottom	5 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.031	29.01	
3500.01	633334	Mid	left	5 mm	NR Band n77 DoD	C	Closed	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.233	20.25	

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Table A-68
DSI = 3 P_{Limit} Calculations – NR Band n77 DoD Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Form Factor	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)															
3750.00	650000	Low	back	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.229	22.70	17.87
3750.00	650000	Low	back	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.229	22.64	
3750.00	650000	Low	front	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.146	24.66	
3750.00	650000	Low	front	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.145	24.63	
3750.00	650000	Low	top	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.053	29.06	
3750.00	650000	Low	top	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.060	28.46	
3750.00	650000	Low	left	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.341	20.97	
3750.00	650000	Low	left	10 mm	NR Band n77	F	Open	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.338	20.95	
3750.00	650000	Low	left	10 mm	NR Band n77	F	Open	100	CP-OFDM	QPSK	1	1	15.67	1:1	0.316	20.67	
3750.00	650000	Low	back	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.056	28.82	
3750.00	650000	Low	back	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.058	28.61	
3750.00	650000	Low	front	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.254	22.25	
3750.00	650000	Low	front	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.258	22.12	
3750.00	650000	Low	bottom	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.105	26.09	
3750.00	650000	Low	bottom	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.108	25.91	
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	137	16.30	1:1	0.616	18.40	
3930.00	662000	High	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	1	1	16.14	1:1	0.602	18.34	
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	69	16.24	1:1	0.621	18.31	
3930.00	662000	High	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	135	0	15.97	1:1	0.576	18.37	
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	DFT-S-OFDM	QPSK	270	0	16.09	1:1	0.612	18.22	
3750.00	650000	Low	left	5 mm	NR Band n77	F	Closed	100	CP-OFDM	QPSK	1	1	15.67	1:1	0.603	17.87	
3930.00	662000	High	back	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.025	31.76	24.10
3930.00	662000	High	front	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.032	30.69	
3930.00	662000	High	top	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.001	45.74	
3930.00	662000	High	right	10 mm	NR Band n77	I	Open	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.063	27.75	
3930.00	662000	High	back	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.007	37.29	
3930.00	662000	High	front	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.094	26.01	
3930.00	662000	High	top	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.008	36.71	
3930.00	662000	High	bottom	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.002	42.73	
3930.00	662000	High	right	5 mm	NR Band n77	I	Closed	100	CW/SRS	N/A	N/A	N/A	15.74	1:1	0.146	24.10	
3750.00	650000	Low	back	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.097	26.05	21.59
3750.00	650000	Low	front	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.072	27.35	
3750.00	650000	Low	top	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.009	36.38	
3750.00	650000	Low	left	10 mm	NR Band n77	E	Open	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.271	21.59	
3750.00	650000	Low	back	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.024	32.12	
3750.00	650000	Low	front	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.157	23.96	
3750.00	650000	Low	top	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.013	34.78	
3750.00	650000	Low	bottom	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.021	32.70	
3750.00	650000	Low	left	5 mm	NR Band n77	E	Closed	100	CW/SRS	N/A	N/A	N/A	15.92	1:1	0.227	22.36	
3930.00	662000	High	back	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.006	36.34	26.27
3930.00	662000	High	front	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.002	41.11	
3930.00	662000	High	bottom	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.000	54.12	
3930.00	662000	High	left	10 mm	NR Band n77	C	Open	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.011	33.71	
3930.00	662000	High	back	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.032	29.07	
3930.00	662000	High	front	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.000	54.12	
3930.00	662000	High	top	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.002	41.11	
3930.00	662000	High	bottom	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.004	38.10	
3930.00	662000	High	left	5 mm	NR Band n77	C	Closed	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.061	26.27	

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Table A-69
DSI = 0 P_{Limit} Calculations – GPRS Phablet SAR

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	8 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.366	33.64	32.18
836.60	190	front	6 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.334	34.04	
836.60	190	bottom	12 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.048	42.47	
836.60	190	right	0 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.457	32.68	
836.60	190	left	0 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.513	32.18	
1909.80	810	back	8 mm	GSM 1900	GPRS	A	3	26.98	1:2.76	0.581	28.89	28.51
1909.80	810	front	6 mm	GSM 1900	GPRS	A	3	26.98	1:2.76	0.615	28.64	
1909.80	810	bottom	12 mm	GSM 1900	GPRS	A	3	26.98	1:2.76	0.634	28.51	
1909.80	810	right	0 mm	GSM 1900	GPRS	A	3	26.98	1:2.76	0.149	34.80	
1909.80	810	left	0 mm	GSM 1900	GPRS	A	3	26.98	1:2.76	0.406	30.44	

Table A-70
DSI = 0 P_{Limit} Calculations – UMTS Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	back	8 mm	UMTS 850	RMC	A	24.38	1:1	0.334	33.12	30.21
846.60	4233	front	6 mm	UMTS 850	RMC	A	24.38	1:1	0.295	33.66	
846.60	4233	bottom	12 mm	UMTS 850	RMC	A	24.38	1:1	0.050	41.37	
846.60	4233	right	0 mm	UMTS 850	RMC	A	24.38	1:1	0.523	31.17	
846.60	4233	left	0 mm	UMTS 850	RMC	A	24.38	1:1	0.653	30.21	
1712.40	1312	back	8 mm	UMTS 1750	RMC	A	24.33	1:1	1.130	27.78	27.78
1712.40	1312	front	6 mm	UMTS 1750	RMC	A	24.33	1:1	1.130	27.78	
1712.40	1312	bottom	12 mm	UMTS 1750	RMC	A	24.33	1:1	0.911	28.71	
1712.40	1312	right	0 mm	UMTS 1750	RMC	A	24.33	1:1	0.303	33.49	
1712.40	1312	left	0 mm	UMTS 1750	RMC	A	24.33	1:1	0.584	30.65	
1907.60	9538	back	8 mm	UMTS 1900	RMC	A	23.92	1:1	1.130	27.37	27.18
1907.60	9538	front	6 mm	UMTS 1900	RMC	A	23.92	1:1	1.180	27.18	
1907.60	9538	bottom	12 mm	UMTS 1900	RMC	A	23.92	1:1	1.160	27.25	
1907.60	9538	right	0 mm	UMTS 1900	RMC	A	23.92	1:1	0.279	33.44	
1907.60	9538	left	0 mm	UMTS 1900	RMC	A	23.92	1:1	0.792	28.91	

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Table A-71
DSI = 0 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	8 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.197	35.27	29.18
680.50	133297	Mid	front	6 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.159	36.21	
680.50	133297	Mid	bottom	12 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.000	68.22	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.235	34.51	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.802	29.18	

Table A-72
DSI = 0 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	8 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.177	35.89	29.46
707.50	23095	Mid	front	6 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.155	36.47	
707.50	23095	Mid	bottom	12 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.000	68.37	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.264	34.15	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.778	29.46	

Table A-73
DSI = 0 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	8 mm	LTE Band 13	A	10	QPSK	1	0	24.46	0	1:1	0.236	34.71	31.42
782.00	23230	Mid	front	6 mm	LTE Band 13	A	10	QPSK	1	0	24.46	0	1:1	0.221	35.00	
782.00	23230	Mid	bottom	12 mm	LTE Band 13	A	10	QPSK	1	0	24.46	0	1:1	0.027	44.13	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.46	0	1:1	0.359	32.89	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.46	0	1:1	0.503	31.42	

Table A-74
DSI = 0 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	8 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.233	34.02	31.42
793.00	23330	Mid	front	6 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.216	34.34	
793.00	23330	Mid	bottom	12 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.026	43.54	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.367	32.04	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.424	31.42	

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Table A-75
DSI = 0 P_{Limit} Calculations – LTE Band 26 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	8 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.254	34.06	30.04
831.50	26865	Mid	front	6 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.240	34.31	
831.50	26865	Mid	bottom	12 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.035	42.67	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.521	30.94	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.641	30.04	

Table A-76
DSI = 0 P_{Limit} Calculations – LTE Band 5 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	8 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.296	33.29	29.43
836.50	20525	Mid	front	6 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.279	33.54	
836.50	20525	Mid	bottom	12 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.040	41.98	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.541	30.67	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.719	29.43	

Table A-77
DSI = 0 P_{Limit} Calculations – LTE Band 66 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)														
1770.00	132572	High	back	8 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.790	29.02	28.07
1770.00	132572	High	back	8 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.484	29.06	
1770.00	132572	High	front	6 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.984	28.07	
1770.00	132572	High	front	6 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.601	28.12	
1770.00	132572	High	bottom	12 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.730	29.37	
1770.00	132572	High	bottom	12 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.419	29.69	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.230	34.38	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.131	34.74	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.503	30.98	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.285	31.36	

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Table A-78
DSI = 0 P_{Limit} Calculations – LTE Band 25 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)		
1860.00	26140	Low	back	8 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.905	28.61	28.00
1860.00	26140	Low	back	8 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.571	28.53	
1860.00	26140	Low	front	6 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	1.030	28.05	
1860.00	26140	Low	front	6 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.646	28.00	
1860.00	26140	Low	bottom	12 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.879	28.74	
1860.00	26140	Low	bottom	12 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.543	28.75	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.258	34.06	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.161	34.03	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.547	30.80	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.338	30.81	

Table A-79
DSI = 0 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	8 mm	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.417	29.81	27.67
2310.00	27710	Mid	back	8 mm	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.260	30.16	
2310.00	27710	Mid	front	6 mm	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.377	30.25	
2310.00	27710	Mid	front	6 mm	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.243	30.45	
2310.00	27710	Mid	bottom	12 mm	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.526	28.80	
2310.00	27710	Mid	bottom	12 mm	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.326	29.18	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.683	27.67	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.427	28.01	

Table A-80
DSI = 0 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)		
2510.00	20850	Low	back	8 mm	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	0.255	33.51	26.75
2510.00	20850	Low	back	8 mm	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.158	33.69	
2510.00	20850	Low	front	6 mm	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	0.384	31.74	
2510.00	20850	Low	front	6 mm	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.242	31.84	
2510.00	20850	Low	bottom	12 mm	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	0.378	31.80	
2510.00	20850	Low	bottom	12 mm	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.238	31.91	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	1.210	26.75	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.753	26.91	

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Table A-81
DSI = 0 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)	PIlimit	Overall Plimit
MHz	Ch.													(W/kg)		
2680.00	41490	High	back	8 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	1.570	24.15	24.04
2680.00	41490	High	front	6 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	0.944	26.36	
2680.00	41490	High	bottom	12 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	1.610	24.04	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	0.578	28.49	

Table A-82
DSI = 0 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)	Pliimit	Overall Pliimit
MHz	Ch.													(W/kg)		
3560.00	55340	Low	back	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	0.338	27.31	19.80
3560.00	55340	Low	front	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	1.060	22.34	
3560.00	55340	Low	top	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	0.362	27.01	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	1.100	22.18	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	20	QPSK	50	25	20.44	0	1:1.58	1.180	21.72	
3603.30	55773	Low-Mid	left	0 mm	LTE Band 48	F	20	QPSK	50	0	20.11	0	1:1.58	1.270	21.07	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	20	QPSK	50	0	20.10	0	1:1.58	1.490	20.36	
3690.00	56640	High	left	0 mm	LTE Band 48	F	20	QPSK	50	25	20.43	0	1:1.58	1.830	19.80	
3690.00	56640	High	left	0 mm	LTE Band 48	F	20	QPSK	100	0	20.42	0	1:1.58	1.740	20.01	

Table A-83
DSI = 0 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	8 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.152	35.91	27.94
680.50	136100	Mid	front	6 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.118	37.01	
680.50	136100	Mid	bottom	12 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.080	38.70	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.277	33.30	
680.50	136100	Mid	left	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.953	27.94	

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Table A-84
DSI = 0 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	8 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.060	39.99	28.93
707.50	141500	Mid	front	6 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.047	41.05	
707.50	141500	Mid	bottom	12 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.010	47.77	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.256	33.69	
707.50	141500	Mid	left	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.765	28.93	

Table A-85
DSI = 0 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	8 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.206	34.56	29.54
836.50	167300	Mid	front	6 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.114	37.13	
836.50	167300	Mid	bottom	12 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.075	38.95	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.272	33.35	
836.50	167300	Mid	left	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.654	29.54	

Table A-86
DSI = 0 P_{Limit} Calculations – NR Band n66 Antenna A 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	8 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.869	28.13	28.13
1745.00	349000	Mid	back	8 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.753	28.93	
1745.00	349000	Mid	front	6 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.777	28.62	
1745.00	349000	Mid	front	6 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.733	29.05	
1745.00	349000	Mid	bottom	12 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.807	28.45	
1745.00	349000	Mid	bottom	12 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.729	29.07	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.312	32.58	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.275	33.31	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.399	31.51	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.387	31.82	

Table A-87
DSI = 0 P_{Limit} Calculations – NR Band n66 Antenna I 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)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.274	31.27	30.40
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.305	30.81	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.026	41.50	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.335	30.40	

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Table A-88
DSI = 0 P_{Limit} Calculations – NR Band n25 Antenna A 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	8 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.930	28.07	27.13
1882.50	376500	Mid	back	8 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	1.070	27.63	
1882.50	376500	Mid	front	6 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	1.150	27.15	
1882.50	376500	Mid	front	6 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	1.200	27.13	
1882.50	376500	Mid	bottom	12 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	1.010	27.72	
1882.50	376500	Mid	bottom	12 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	1.040	27.75	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.279	33.30	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.313	32.96	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.660	29.56	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.713	29.39	

Table A-89
DSI = 0 P_{Limit} Calculations – NR Band n25 Antenna I 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	right	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	1	214	21.94	1:1	1.930	23.06	22.42
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	22.00	1:1	2.080	22.80	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	216	0	21.93	1:1	2.150	22.59	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	I	40	CP-OFDM	QPSK	1	1	21.88	1:1	2.210	22.42	

Table A-90
DSI = 0 P_{Limit} Calculations – NR Band n30 Antenna B 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	8 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.405	31.40	28.15
2310.00	462000	Mid	back	8 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.420	31.22	
2310.00	462000	Mid	front	6 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.480	30.67	
2310.00	462000	Mid	front	6 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.499	30.47	
2310.00	462000	Mid	bottom	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.602	29.68	
2310.00	462000	Mid	bottom	12 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.555	30.01	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.797	28.46	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.851	28.15	

Table A-91
DSI = 0 P_{Limit} Calculations – NR Band n30 Antenna I 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		
2310.00	462000	Mid	back	0 mm	NR Band n30	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	1.300	24.73	23.04
2310.00	462000	Mid	front	0 mm	NR Band n30	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	1.920	23.04	
2310.00	462000	Mid	top	0 mm	NR Band n30	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	0.143	34.32	
2310.00	462000	Mid	right	0 mm	NR Band n30	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	1.800	23.32	

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Table A-92
DSI = 0 P_{Limit} Calculations – NR Band n7 Antenna B 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	8 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	0.294	33.57	27.91
2535.00	507000	Mid	back	8 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.294	33.44	
2535.00	507000	Mid	front	6 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	0.312	33.31	
2535.00	507000	Mid	front	6 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.317	33.11	
2535.00	507000	Mid	bottom	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	0.374	32.52	
2535.00	507000	Mid	bottom	12 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	0.374	32.39	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	1.060	28.00	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	1.050	27.91	

Table A-93
DSI = 0 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		
2592.99	518598	Mid	back	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	0.837	24.27	22.35
2592.99	518598	Mid	front	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	1.280	22.43	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	19.35	1:1	1.200	22.54	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	270	0	19.27	1:1	1.080	22.92	
2592.99	518598	Mid	top	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	0.185	30.83	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	1.220	22.64	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	19.35	1:1	1.240	22.40	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	270	0	19.27	1:1	1.230	22.35	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	CP-OFDM	QPSK	1	1	19.12	1:1	1.130	22.57	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.450	22.57	22.57
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.205	25.98	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.426	22.81	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.140	27.64	
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.142	28.58	22.88
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.212	26.84	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.084	30.86	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.527	22.88	
2592.99	518598	Mid	back	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.166	22.06	21.14
2592.99	518598	Mid	front	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.123	23.36	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.025	30.28	
2592.99	518598	Mid	left	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.205	21.14	

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Table A-94
DSI = 0 P_{Limit} Calculations – NR Band n48 Antenna F 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)		
3570.00	638000	Low	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.777	24.03	22.84
3570.00	638000	Low	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.89	1:1	0.755	24.09	
3570.00	638000	Low	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.945	23.18	
3570.00	638000	Low	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.89	1:1	0.939	23.14	
3570.00	638000	Low	front	0 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	18.63	1:1	0.949	22.84	
3570.00	638000	Low	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.745	24.21	
3570.00	638000	Low	left	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.945	23.18	
3570.00	638000	Low	left	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.89	1:1	0.903	23.31	

Table A-95
DSI = 0 P_{Limit} Calculations – NR Band n48 Antenna I, E, C 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)		
3679.98	645332	High	back	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	1.520	20.24	20.24
3679.98	645332	High	front	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	1.420	20.54	
3679.98	645332	High	top	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.970	22.19	
3679.98	645332	High	right	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.064	34.00	
3679.98	645332	High	back	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	0.654	23.77	21.80
3679.98	645332	High	front	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	0.712	23.40	
3679.98	645332	High	top	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	0.414	25.76	
3679.98	645332	High	left	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	1.030	21.80	
3679.98	645332	High	back	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.080	29.05	26.18
3679.98	645332	High	front	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.066	29.88	
3679.98	645332	High	bottom	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.016	36.04	
3679.98	645332	High	left	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.155	26.18	

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Table A-96
DSI = 0 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	1	18.88	1:1	0.705	24.38	22.12
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	0.415	26.68	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	0.431	26.46	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	0.648	24.74	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	0.610	24.96	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	1.090	22.49	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	1.040	22.64	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	18.51	1:1	1.090	22.12	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.491	24.99	23.26
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.731	23.26	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.070	33.45	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.556	24.45	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.458	25.40	22.11
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.482	25.18	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.012	41.22	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.978	22.11	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.030	33.13	29.45
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.020	34.89	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.031	32.99	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.070	29.45	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	1.220	22.03	19.70
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.82	1:1	1.210	21.97	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	1.060	22.51	
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.64	1:1	1.140	22.05	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.64	1:1	1.060	22.37	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	1.030	22.76	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.82	1:1	1.020	22.71	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	1.010	22.72	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.64	1:1	1.010	22.58	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.64	1:1	0.975	22.73	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	0.440	26.45	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	1.580	20.90	
3930.00	662000	High	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.82	1:1	1.910	19.99	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	1.550	20.86	
3930.00	662000	High	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.64	1:1	1.910	19.81	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.64	1:1	1.540	20.74	
3930.00	662000	High	left	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.35	1:1	1.830	19.70	
3930.00	662000	High	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.503	25.22	24.73
3930.00	662000	High	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.563	24.73	
3930.00	662000	High	top	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.014	40.78	
3930.00	662000	High	right	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.408	26.13	
3750.00	650000	Low	back	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.855	23.08	23.08
3750.00	650000	Low	front	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.666	24.16	
3750.00	650000	Low	top	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.057	34.84	
3750.00	650000	Low	left	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.765	23.56	
3930.00	662000	High	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.078	29.18	27.65
3930.00	662000	High	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.053	30.86	
3930.00	662000	High	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.039	32.19	
3930.00	662000	High	left	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.111	27.65	

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Table A-97
DSI = 1 P_{Limit} Calculations – GPRS Phablet SAR

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	3	29.73	1:2.76	1.030	29.15	29.15
836.60	190	front	0 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.676	30.98	
836.60	190	bottom	0 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.598	31.51	
836.60	190	right	0 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.457	32.68	
836.60	190	left	0 mm	GSM 850	GPRS	A	3	29.73	1:2.76	0.513	32.18	
1909.80	810	back	0 mm	GSM 1900	GPRS	A	4	22.92	1:2.076	1.410	22.23	22.23
1909.80	810	front	0 mm	GSM 1900	GPRS	A	4	22.92	1:2.076	0.936	24.01	
1909.80	810	bottom	0 mm	GSM 1900	GPRS	A	4	22.92	1:2.076	0.385	27.86	
1909.80	810	right	0 mm	GSM 1900	GPRS	A	4	26.98	1:2.076	0.149	36.05	
1909.80	810	left	0 mm	GSM 1900	GPRS	A	4	26.98	1:2.076	0.406	31.69	

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Table A-98
DSI = 1 P_{Limit} Calculations – UMTS Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	back	0 mm	UMTS 850	RMC	A	24.38	1:1	0.885	28.89	28.89
846.60	4233	front	0 mm	UMTS 850	RMC	A	24.38	1:1	0.648	30.24	
846.60	4233	bottom	0 mm	UMTS 850	RMC	A	24.38	1:1	0.507	31.31	
846.60	4233	right	0 mm	UMTS 850	RMC	A	24.38	1:1	0.523	31.17	
846.60	4233	left	0 mm	UMTS 850	RMC	A	24.38	1:1	0.653	30.21	
1712.40	1312	back	0 mm	UMTS 1750	RMC	A	21.33	1:1	2.070	22.15	21.78
1732.40	1412	back	0 mm	UMTS 1750	RMC	A	21.03	1:1	2.050	21.89	
1752.60	1513	back	0 mm	UMTS 1750	RMC	A	21.17	1:1	2.170	21.78	
1712.40	1312	front	0 mm	UMTS 1750	RMC	A	21.33	1:1	1.890	22.54	
1732.40	1412	front	0 mm	UMTS 1750	RMC	A	21.03	1:1	1.520	23.19	
1752.60	1513	front	0 mm	UMTS 1750	RMC	A	21.17	1:1	1.600	23.11	
1712.40	1312	bottom	0 mm	UMTS 1750	RMC	A	21.33	1:1	1.350	24.01	
1712.40	1312	right	0 mm	UMTS 1750	RMC	A	24.33	1:1	0.303	33.49	
1712.40	1312	left	0 mm	UMTS 1750	RMC	A	24.33	1:1	0.584	30.65	
1852.40	9262	back	0 mm	UMTS 1900	RMC	A	20.32	1:1	1.830	21.67	21.22
1880.00	9400	back	0 mm	UMTS 1900	RMC	A	20.32	1:1	1.750	21.87	
1907.60	9538	back	0 mm	UMTS 1900	RMC	A	20.35	1:1	1.710	22.00	
1907.60	9538	front	0 mm	UMTS 1900	RMC	A	20.35	1:1	1.320	23.12	
1852.40	9262	bottom	0 mm	UMTS 1900	RMC	A	20.32	1:1	2.030	21.22	
1880.00	9400	bottom	0 mm	UMTS 1900	RMC	A	20.32	1:1	1.880	21.56	
1907.60	9538	bottom	0 mm	UMTS 1900	RMC	A	20.35	1:1	1.730	21.95	
1907.60	9538	right	0 mm	UMTS 1900	RMC	A	23.92	1:1	0.279	33.44	
1907.60	9538	left	0 mm	UMTS 1900	RMC	A	23.92	1:1	0.792	28.91	

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Table A-99
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	0 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.801	29.18	29.18
680.50	133297	Mid	front	0 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.474	31.46	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.315	33.24	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.235	34.51	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	20	QPSK	1	50	24.24	0	1:1	0.802	29.18	

Table A-100
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	0 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.861	29.02	29.02
707.50	23095	Mid	front	0 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.518	31.23	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.278	33.93	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.264	34.15	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	0	24.39	0	1:1	0.778	29.46	

Table A-101
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	0 mm	LTE Band 13	A	10	QPSK	1	0	23.78	0	1:1	0.918	28.13	28.13
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	0	23.78	0	1:1	0.607	29.93	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	0	23.78	0	1:1	0.444	31.29	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.46	0	1:1	0.359	32.89	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.46	0	1:1	0.503	31.42	

Table A-102
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	0 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.807	28.62	28.62
793.00	23330	Mid	front	0 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.551	30.28	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.424	31.42	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.367	32.04	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	10	QPSK	1	0	23.71	0	1:1	0.424	31.42	

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Table A-103
DSI = 1 P_{Limit} Calculations – LTE Band 26 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	15	QPSK	1	36	24.13	0	1:1	0.855	28.79	28.79
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.628	30.13	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.497	31.15	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.521	30.94	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.13	0	1:1	0.641	30.04	

Table A-104
DSI = 1 P_{Limit} Calculations – LTE Band 5 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	10	QPSK	1	0	24.02	0	1:1	0.895	28.48	28.48
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.644	29.91	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.519	30.85	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.541	30.67	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.02	0	1:1	0.719	29.43	

Table A-105
DSI = 1 P_{Limit} Calculations – LTE Band 66 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)														
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	21.14	0	1:1	1.790	22.59	22.02
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	21.15	0	1:1	1.850	22.46	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	21.14	0	1:1	2.040	22.02	
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	21.23	0	1:1	1.760	22.75	
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	21.30	0	1:1	1.920	22.45	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	21.25	0	1:1	2.030	22.15	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	21.14	0	1:1	2.000	22.11	
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	21.15	0	1:1	1.610	23.06	
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	21.30	0	1:1	1.600	23.24	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	21.15	0	1:1	1.260	24.13	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	21.30	0	1:1	1.100	24.87	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.230	34.38	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.131	34.74	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	24.02	0	1:1	0.503	30.98	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.93	2	1:1	0.285	31.36	

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Table A-106
DSI = 1 P_{Limit} Calculations – LTE Band 25 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)		
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.84	0	1:1	2.200	22.40	22.03
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	21.88	0	1:1	2.190	22.45	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.95	0	1:1	2.420	22.09	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	21.63	0	1:1	2.230	22.13	
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.76	0	1:1	2.220	22.28	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.83	0	1:1	2.390	22.03	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	21.76	0	1:1	2.310	22.10	
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.84	0	1:1	1.790	23.29	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	21.88	0	1:1	1.840	23.21	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.95	0	1:1	1.980	22.96	
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	21.63	0	1:1	1.790	23.08	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.76	0	1:1	1.900	22.95	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.83	0	1:1	1.970	22.86	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	21.76	0	1:1	1.970	22.79	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.84	0	1:1	1.920	22.99	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	21.88	0	1:1	2.020	22.81	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.95	0	1:1	1.990	22.94	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	21.63	0	1:1	1.940	22.73	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.76	0	1:1	2.010	22.71	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.83	0	1:1	2.000	22.80	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	21.76	0	1:1	1.970	22.79	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.258	34.06	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.161	34.03	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	24.20	0	1:1	0.547	30.80	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.12	2	1:1	0.338	30.81	

Table A-107
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	0 mm	LTE Band 30	B	10	QPSK	1	49	21.14	0	1:1	1.270	24.08	24.06
2310.00	27710	Mid	back	0 mm	LTE Band 30	B	10	QPSK	25	12	20.33	1	1:1	1.060	24.06	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	1	49	21.14	0	1:1	0.962	25.29	
2310.00	27710	Mid	front	0 mm	LTE Band 30	B	10	QPSK	25	12	20.33	1	1:1	0.779	25.39	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	B	10	QPSK	1	49	21.14	0	1:1	1.060	24.87	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	B	10	QPSK	25	12	20.33	1	1:1	0.866	24.93	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	1	49	22.03	0	1:1	0.683	27.67	
2310.00	27710	Mid	left	0 mm	LTE Band 30	B	10	QPSK	25	0	20.33	2	1:1	0.427	28.01	

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Table A-108
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)														
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	1	99	21.31	0	1:1	0.500	28.30	24.50
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	50	50	21.17	0	1:1	0.488	28.27	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	1	99	21.31	0	1:1	0.396	29.31	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	50	50	21.17	0	1:1	0.370	29.47	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	1	99	21.31	0	1:1	1.200	24.50	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	50	50	21.17	0	1:1	1.130	24.62	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	20	QPSK	1	0	23.60	0	1:1	1.210	26.75	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	20	QPSK	50	0	21.70	2	1:1	0.753	26.91	

Table A-109
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	0 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	1.570	24.15	24.04
2680.00	41490	High	front	0 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	0.944	26.36	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	1.610	24.04	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	1	50	24.11	0	1:1.58	0.578	28.49	

Table A-110
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)		
3560.00	55340	Low	back	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	0.338	27.31	19.80
3560.00	55340	Low	front	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	1.060	22.34	
3560.00	55340	Low	top	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	0.362	27.01	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	20	QPSK	1	0	20.60	0	1:1.58	1.100	22.18	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	20	QPSK	50	25	20.44	0	1:1.58	1.180	21.72	
3603.30	55773	Low-Mid	left	0 mm	LTE Band 48	F	20	QPSK	50	0	20.11	0	1:1.58	1.270	21.07	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	20	QPSK	50	0	20.10	0	1:1.58	1.490	20.36	
3690.00	56640	High	left	0 mm	LTE Band 48	F	20	QPSK	50	0	20.36	0	1:1.58	1.780	19.85	
3690.00	56640	High	left	0 mm	LTE Band 48	F	20	QPSK	50	25	20.43	0	1:1.58	1.830	19.80	
3690.00	56640	High	left	0 mm	LTE Band 48	F	20	QPSK	100	0	20.42	0	1:1.58	1.740	20.01	

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Table A-111
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	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	1.020	27.64	27.64
680.50	136100	Mid	front	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.502	30.72	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.497	30.77	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.277	33.30	
680.50	136100	Mid	left	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	23.75	1:1	0.953	27.94	

Table A-112
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	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.713	29.24	28.93
707.50	141500	Mid	front	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.259	33.64	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.337	32.49	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.256	33.69	
707.50	141500	Mid	left	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	23.79	1:1	0.765	28.93	

Table A-113
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	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	1.220	26.84	26.84
836.50	167300	Mid	front	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.656	29.53	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.436	31.30	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.272	33.35	
836.50	167300	Mid	left	0 mm	NR Band n5 (Cell)	A	20	DFT-S-OFDM	QPSK	1	53	23.72	1:1	0.654	29.54	

Table A-114
DSI = 1 P_{Limit} Calculations – NR Band n66 Antenna A 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)	A	40	DFT-S-OFDM	QPSK	1	1	20.14	1:1	1.650	21.94	21.39
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	1.750	21.71	
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	A	40	CP-OFDM	QPSK	1	1	19.82	1:1	1.740	21.39	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	1	20.14	1:1	1.160	23.47	
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	1.350	22.84	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	1	20.14	1:1	1.310	22.95	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	108	20.16	1:1	1.120	23.65	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.312	32.58	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.275	33.31	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	1	214	23.54	1:1	0.399	31.51	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	A	40	DFT-S-OFDM	QPSK	108	54	23.72	1:1	0.387	31.82	

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Table A-115
DSI = 1 P_{Limit} Calculations – NR Band n66 Antenna I 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)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.274	31.27	30.40
1745.00	349000	Mid	front	0 mm	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.305	30.81	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.026	41.50	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	I	40	DFT-S-OFDM	QPSK	1	108	21.67	1:1	0.335	30.40	

Table A-116
DSI = 1 P_{Limit} Calculations – NR Band n25 Antenna A 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)	A	40	DFT-S-OFDM	QPSK	1	108	21.54	1:1	2.310	21.88	21.88
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	108	21.69	1:1	2.270	22.11	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	216	0	21.53	1:1	2.280	21.93	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	A	40	CP-OFDM	QPSK	1	1	21.60	1:1	2.320	21.92	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	108	21.54	1:1	1.990	22.53	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	108	21.69	1:1	2.000	22.66	
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	216	0	21.53	1:1	2.010	22.48	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	108	21.54	1:1	2.020	22.47	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	108	21.69	1:1	2.160	22.32	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	216	0	21.53	1:1	2.230	22.03	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.279	33.30	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.313	32.96	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.660	29.56	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	A	40	DFT-S-OFDM	QPSK	108	54	23.94	1:1	0.713	29.39	

Table A-117
DSI = 1 P_{Limit} Calculations – NR Band n25 Antenna I 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)	I	40	DFT-S-OFDM	QPSK	108	108	22.00	1:1	1.410	24.49	22.42
1882.50	376500	Mid	front	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	22.00	1:1	1.840	23.33	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	22.00	1:1	0.114	35.41	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	1	214	21.94	1:1	1.930	23.06	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	108	108	22.00	1:1	2.080	22.80	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	I	40	DFT-S-OFDM	QPSK	216	0	21.93	1:1	2.150	22.59	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	I	40	CP-OFDM	QPSK	1	1	21.88	1:1	2.210	22.42	

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Table A-118
DSI = 1 P_{Limit} Calculations – NR Band n30 Antenna B 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	21.59	1:1	1.660	23.37	23.13
2310.00	462000	Mid	back	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	27	21.60	1:1	1.720	23.22	
2310.00	462000	Mid	back	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	50	0	21.58	1:1	1.750	23.13	
2310.00	462000	Mid	back	0 mm	NR Band n30	B	10	CP-OFDM	QPSK	1	1	20.99	1:1	1.470	23.30	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	21.59	1:1	1.100	25.16	
2310.00	462000	Mid	front	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	27	21.60	1:1	1.050	25.37	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	26	21.59	1:1	1.090	25.20	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	27	21.60	1:1	0.936	25.87	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	1	50	23.50	1:1	0.797	28.46	
2310.00	462000	Mid	left	0 mm	NR Band n30	B	10	DFT-S-OFDM	QPSK	25	14	23.47	1:1	0.851	28.15	

Table A-119
DSI = 1 P_{Limit} Calculations – NR Band n30 Antenna I 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	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	1.300	24.73	23.04
2310.00	462000	Mid	front	0 mm	NR Band n30	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	1.920	23.04	
2310.00	462000	Mid	top	0 mm	NR Band n30	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	0.143	34.32	
2310.00	462000	Mid	right	0 mm	NR Band n30	I	10	CP-OFDM	QPSK	1	1	21.89	1:1	1.800	23.32	

Table A-120
DSI = 1 P_{Limit} Calculations – NR Band n7 Antenna B 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		
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	20.66	1:1	0.695	26.22	24.19
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.83	1:1	0.693	26.40	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	20.66	1:1	0.444	28.17	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.83	1:1	0.408	28.70	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	214	20.66	1:1	1.110	24.19	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	108	20.83	1:1	0.951	25.03	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	20.50	1:1	0.959	24.66	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	24.27	1:1	1.060	28.00	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	24.14	1:1	1.050	27.91	

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Table A-121
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	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	0.837	24.27	22.35
2592.99	518598	Mid	front	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	1.280	22.43	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	19.35	1:1	1.200	22.54	
2592.99	518598	Mid	front	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	270	0	19.27	1:1	1.080	22.92	
2592.99	518598	Mid	top	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	0.185	30.83	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	1	271	19.52	1:1	1.220	22.64	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	135	138	19.35	1:1	1.240	22.40	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	DFT-S-OFDM	QPSK	270	0	19.27	1:1	1.230	22.35	
2592.99	518598	Mid	right	0 mm	NR Band n41	I	100	CP-OFDM	QPSK	1	1	19.12	1:1	1.130	22.57	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.450	22.57	22.57
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.205	25.98	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.426	22.81	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.12	1:1	0.140	27.64	
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.142	28.58	22.88
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.212	26.84	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.084	30.86	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.12	1:1	0.527	22.88	
2592.99	518598	Mid	back	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.166	22.06	21.14
2592.99	518598	Mid	front	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.123	23.36	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.025	30.28	
2592.99	518598	Mid	left	0 mm	NR Band n41	C	100	CW/SRS	N/A	N/A	N/A	10.28	1:1	0.205	21.14	

Table A-122
DSI = 1 P_{Limit} Calculations – NR Band n48 Antenna F 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)		
3570.00	638000	Low	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.777	24.03	22.84
3570.00	638000	Low	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.89	1:1	0.755	24.09	
3570.00	638000	Low	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.945	23.18	
3570.00	638000	Low	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.89	1:1	0.939	23.14	
3570.00	638000	Low	front	0 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	18.63	1:1	0.949	22.84	
3570.00	638000	Low	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.745	24.21	
3570.00	638000	Low	left	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	18.95	1:1	0.945	23.18	
3570.00	638000	Low	left	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.89	1:1	0.903	23.31	

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Table A-123
DSI = 1 P_{Limit} Calculations – NR Band n48 Antenna Antenna I, E, C 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)		
3679.98	645332	High	back	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	1.520	20.24	20.24
3679.98	645332	High	front	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	1.420	20.54	
3679.98	645332	High	top	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.970	22.19	
3679.98	645332	High	right	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.064	34.00	
3679.98	645332	High	back	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	0.654	23.77	21.80
3679.98	645332	High	front	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	0.712	23.40	
3679.98	645332	High	top	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	0.414	25.76	
3679.98	645332	High	left	0 mm	NR Band n48	E	40	CW/SRS	N/A	N/A	N/A	17.95	1:1	1.030	21.80	
3679.98	645332	High	back	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.080	29.05	26.18
3679.98	645332	High	front	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.066	29.88	
3679.98	645332	High	bottom	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.016	36.04	
3679.98	645332	High	left	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	14.10	1:1	0.155	26.18	

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Table A-124
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	1	18.88	1:1	0.705	24.38	22.12
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	0.415	26.68	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	0.431	26.46	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	0.648	24.74	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	0.610	24.96	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	18.88	1:1	1.090	22.49	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	18.83	1:1	1.040	22.64	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	18.51	1:1	1.090	22.12	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.491	24.99	23.26
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.731	23.26	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.070	33.45	
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	17.92	1:1	0.556	24.45	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.458	25.40	22.11
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.482	25.18	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.012	41.22	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	E	100	CW/SRS	N/A	N/A	N/A	18.03	1:1	0.978	22.11	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.030	33.13	29.45
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.020	34.89	
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.031	32.99	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.070	29.45	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	1.220	22.03	19.70
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.82	1:1	1.210	21.97	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	1.060	22.51	
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.64	1:1	1.140	22.05	
3750.00	650000	Low	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.64	1:1	1.060	22.37	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	1.030	22.76	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.82	1:1	1.020	22.71	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	1.010	22.72	
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.64	1:1	1.010	22.58	
3750.00	650000	Low	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.64	1:1	0.975	22.73	
3750.00	650000	Low	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	0.440	26.45	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.91	1:1	1.580	20.90	
3930.00	662000	High	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.82	1:1	1.910	19.99	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	18.78	1:1	1.550	20.86	
3930.00	662000	High	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.64	1:1	1.910	19.81	
3750.00	650000	Low	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	18.64	1:1	1.540	20.74	
3930.00	662000	High	left	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.35	1:1	1.830	19.70	
3930.00	662000	High	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.503	25.22	24.73
3930.00	662000	High	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.563	24.73	
3930.00	662000	High	top	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.014	40.78	
3930.00	662000	High	right	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.26	1:1	0.408	26.13	
3750.00	650000	Low	back	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.855	23.08	23.08
3750.00	650000	Low	front	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.666	24.16	
3750.00	650000	Low	top	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.057	34.84	
3750.00	650000	Low	left	0 mm	NR Band n77	E	100	CW/SRS	N/A	N/A	N/A	18.42	1:1	0.765	23.56	
3930.00	662000	High	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.078	29.18	27.65
3930.00	662000	High	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.053	30.86	
3930.00	662000	High	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.039	32.19	
3930.00	662000	High	left	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.12	1:1	0.111	27.65	

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