

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.

Light Purple entries indicate the additional check on the worst case exposure scenario for the n41 pathway that is not fully evaluated.

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)	P _{limit}	Overall P _{limit}
MHz	Ch.								(W/kg)		
836.60	190	Right	Cheek	GSM 850	GSM	A	31.98	1:8.3	0.165	30.60	30.60
836.60	190	Right	Tilt	GSM 850	GSM	A	31.98	1:8.3	0.101	32.74	
836.60	190	Left	Cheek	GSM 850	GSM	A	31.98	1:8.3	0.139	31.35	
836.60	190	Left	Tilt	GSM 850	GSM	A	31.98	1:8.3	0.089	33.31	

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)	P _{limit}	Overall P _{limit}
MHz	Ch.								(W/kg)		
1850.20	512	Right	Cheek	GSM 1900	GSM	A	29.17	1:8.3	0.051	32.89	30.24
1850.20	512	Right	Tilt	GSM 1900	GSM	A	29.17	1:8.3	0.028	35.50	
1850.20	512	Left	Cheek	GSM 1900	GSM	A	29.17	1:8.3	0.094	30.24	
1850.20	512	Left	Tilt	GSM 1900	GSM	A	29.17	1:8.3	0.029	35.34	

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)	P _{limit}	Overall P _{limit}
MHz	Ch.								(W/kg)		
836.60	4183	Right	Cheek	UMTS 850	RMC	A	24.22	1:1	0.268	29.94	29.94
836.60	4183	Right	Tilt	UMTS 850	RMC	A	24.22	1:1	0.148	32.52	
836.60	4183	Left	Cheek	UMTS 850	RMC	A	24.22	1:1	0.209	31.02	
836.60	4183	Left	Tilt	UMTS 850	RMC	A	24.22	1:1	0.133	32.98	

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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)		
1732.40	1412	Right	Cheek	UMTS 1750	RMC	A	23.31	1:1	0.072	34.74	31.67
1732.40	1412	Right	Tilt	UMTS 1750	RMC	A	23.31	1:1	0.050	36.32	
1732.40	1412	Left	Cheek	UMTS 1750	RMC	A	23.31	1:1	0.146	31.67	
1732.40	1412	Left	Tilt	UMTS 1750	RMC	A	23.31	1:1	0.040	37.29	

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)		
1852.40	9262	Right	Cheek	UMTS 1900	RMC	A	23.27	1:1	0.111	32.82	31.34
1852.40	9262	Right	Tilt	UMTS 1900	RMC	A	23.27	1:1	0.071	34.76	
1852.40	9262	Left	Cheek	UMTS 1900	RMC	A	23.27	1:1	0.156	31.34	
1852.40	9262	Left	Tilt	UMTS 1900	RMC	A	23.27	1:1	0.058	35.64	

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	0	24.54	1:1	0.147	32.87	32.32
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.134	32.32	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.073	35.89	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.064	35.54	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.109	34.17	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.102	33.50	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.068	36.23	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.061	35.76	

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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	Ch.	(W/kg)													
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.224	31.18	31.18
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.165	31.56	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.132	33.47	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.096	33.92	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.183	32.06	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.152	31.91	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.117	34.00	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.070	35.26	

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	Ch.	(W/kg)													
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.257	30.33	30.21
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.211	30.21	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.150	32.67	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.119	32.69	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.215	31.11	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.175	31.02	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.152	32.61	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.111	33.00	

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	25	24.45	1:1	0.256	30.37	30.22
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.204	30.22	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.137	33.08	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.107	33.03	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.215	31.13	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.178	30.82	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.128	33.38	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.093	33.62	

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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	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.262	30.22	30.03
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.214	30.03	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.170	32.10	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.141	31.84	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.207	31.24	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.161	31.26	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.150	32.64	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.116	32.69	

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]	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	24.57	1:1	0.286	30.01	29.89
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.226	29.89	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.167	32.34	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.146	31.79	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.215	31.25	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.163	31.31	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.151	32.78	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.110	33.02	

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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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.069	35.10	31.13
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.059	34.65	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.043	37.16	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.034	37.05	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.172	31.13	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.127	31.32	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.038	37.69	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.028	37.89	
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	99	15.50	1:1	0.347	20.10	19.38
1770.00	132572	High	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.37	1:1	0.362	19.78	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	99	15.50	1:1	0.381	19.69	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	0	15.32	1:1	0.383	19.49	
1770.00	132572	High	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.37	1:1	0.397	19.38	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	99	15.50	1:1	0.246	21.59	
1770.00	132572	High	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.37	1:1	0.251	21.37	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	99	15.50	1:1	0.326	20.37	
1770.00	132572	High	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	15.37	1:1	0.336	20.11	

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]	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	0	23.29	1:1	0.122	32.43	32.13
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.105	32.13	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.043	36.96	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.031	37.43	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.111	32.84	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.096	32.52	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.054	35.97	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.032	37.29	
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.59	1:1	0.429	20.27	20.25
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	25	16.60	1:1	0.432	20.25	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.59	1:1	0.389	20.69	
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	25	16.60	1:1	0.385	20.75	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.59	1:1	0.266	22.34	
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	25	16.60	1:1	0.269	22.30	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	50	16.59	1:1	0.342	21.25	
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	25	16.60	1:1	0.345	21.22	

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

MEASUREMENT RESULTS															
FREQUENCY		Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2310.00	27710	Mid	Right	Cheek	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.081	33.50	31.24
2310.00	27710	Mid	Right	Cheek	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.063	33.58	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.062	34.66	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.052	34.41	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.136	31.24	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.106	31.32	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.043	36.25	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.036	36.01	
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	1	25	15.22	1:1	0.400	19.20	18.26
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	25	0	15.23	1:1	0.383	19.40	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	1	25	15.22	1:1	0.497	18.26	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	25	0	15.23	1:1	0.472	18.49	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	1	25	15.22	1:1	0.275	20.83	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	25	0	15.23	1:1	0.266	20.98	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	1	25	15.22	1:1	0.418	19.01	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	25	0	15.23	1:1	0.407	19.13	

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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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
2560.00	21350	High	Right	Cheek	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.104	32.82	27.86
2560.00	21350	High	Right	Cheek	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.080	32.93	
2560.00	21350	High	Right	Tilt	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.085	33.70	
2560.00	21350	High	Right	Tilt	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.070	33.51	
2560.00	21350	High	Left	Cheek	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.326	27.86	
2560.00	21350	High	Left	Cheek	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.250	27.98	
2560.00	21350	High	Left	Tilt	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.137	31.62	
2560.00	21350	High	Left	Tilt	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.122	31.10	
2510.00	20850	Low	Right	Cheek	LTE Band 7	F	20	QPSK	1	99	15.83	1:1	0.556	18.38	17.72
2510.00	20850	Low	Right	Cheek	LTE Band 7	F	20	QPSK	50	0	16.09	1:1	0.585	18.42	
2510.00	20850	Low	Right	Tilt	LTE Band 7	F	20	QPSK	1	99	15.83	1:1	0.623	17.89	
2510.00	20850	Low	Right	Tilt	LTE Band 7	F	20	QPSK	50	0	16.09	1:1	0.688	17.72	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	F	20	QPSK	50	0	15.91	1:1	0.601	18.12	
2560.00	21350	High	Right	Tilt	LTE Band 7	F	20	QPSK	50	0	15.75	1:1	0.589	18.05	
2510.00	20850	Low	Left	Cheek	LTE Band 7	F	20	QPSK	1	99	15.83	1:1	0.317	20.82	
2510.00	20850	Low	Left	Cheek	LTE Band 7	F	20	QPSK	50	0	16.09	1:1	0.348	20.68	
2510.00	20850	Low	Left	Tilt	LTE Band 7	F	20	QPSK	1	99	15.83	1:1	0.368	20.17	
2510.00	20850	Low	Left	Tilt	LTE Band 7	F	20	QPSK	50	0	16.09	1:1	0.444	19.62	

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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]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.073	33.24	28.17
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.056	33.40	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.063	33.88	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.048	34.07	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	B	20	QPSK	1	0	23.81	1:1.58	0.231	28.19	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.235	28.17	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.132	29.68	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.103	31.75	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.081	31.80	
2506.00	39750	Low	Right	Cheek	LTE Band 41	F	20	QPSK	1	0	16.83	1:1.58	0.480	18.03	17.57
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	1	0	16.51	1:1.58	0.382	18.71	
2593.00	40620	Mid	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	16.50	1:1.58	0.386	18.65	
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	16.49	1:1.58	0.406	18.42	
2680.00	41490	High	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	16.52	1:1.58	0.438	18.12	
2506.00	39750	Low	Right	Cheek	LTE Band 41	F	20	QPSK	50	0	16.92	1:1.58	0.483	18.10	
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	50	25	16.59	1:1.58	0.377	18.84	
2593.00	40620	Mid	Right	Cheek	LTE Band 41	F	20	QPSK	50	25	16.57	1:1.58	0.389	18.69	
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	F	20	QPSK	50	50	16.55	1:1.58	0.414	18.40	
2680.00	41490	High	Right	Cheek	LTE Band 41	F	20	QPSK	50	50	16.58	1:1.58	0.448	18.08	
2506.00	39750	Low	Right	Cheek	LTE Band 41	F	20	QPSK	100	0	16.82	1:1.58	0.467	18.14	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	1	0	16.83	1:1.58	0.479	18.04	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	1	0	16.51	1:1.58	0.392	18.59	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	16.50	1:1.58	0.382	18.70	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	16.49	1:1.58	0.406	18.42	
2680.00	41490	High	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	16.52	1:1.58	0.495	17.59	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	50	0	16.92	1:1.58	0.492	18.02	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	50	25	16.59	1:1.58	0.393	18.66	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	F	20	QPSK	50	25	16.57	1:1.58	0.381	18.78	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	16.55	1:1.58	0.406	18.48	
2680.00	41490	High	Right	Tilt	LTE Band 41	F	20	QPSK	50	0	16.44	1:1.58	0.487	17.58	
2680.00	41490	High	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	16.58	1:1.58	0.504	17.57	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	100	0	16.82	1:1.58	0.471	18.11	
2506.00	39750	Low	Left	Cheek	LTE Band 41	F	20	QPSK	1	0	16.83	1:1.58	0.240	21.04	
2506.00	39750	Low	Left	Cheek	LTE Band 41	F	20	QPSK	50	0	16.92	1:1.58	0.236	21.21	
2506.00	39750	Low	Left	Tilt	LTE Band 41	F	20	QPSK	1	0	16.83	1:1.58	0.391	18.92	
2506.00	39750	Low	Left	Tilt	LTE Band 41	F	20	QPSK	50	0	16.92	1:1.58	0.391	19.01	

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

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3560.00	55340	Low	Right	Cheek	LTE Band 48	F	20	QPSK	1	50	16.07	1:1.58	0.505	17.05	16.72
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	F	20	QPSK	1	50	16.27	1:1.58	0.493	17.36	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	20	QPSK	1	0	16.10	1:1.58	0.482	17.29	
3690.00	56640	High	Right	Cheek	LTE Band 48	F	20	QPSK	1	99	16.12	1:1.58	0.417	17.93	
3560.00	55340	Low	Right	Cheek	LTE Band 48	F	20	QPSK	50	0	16.20	1:1.58	0.510	17.14	
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	F	20	QPSK	50	0	16.32	1:1.58	0.497	17.37	
3646.70	56207	Mid-High	Right	Cheek	LTE Band 48	F	20	QPSK	50	25	16.19	1:1.58	0.496	17.25	
3690.00	56640	High	Right	Cheek	LTE Band 48	F	20	QPSK	50	25	16.26	1:1.58	0.443	17.81	
3603.30	55773	Low-Mid	Right	Cheek	LTE Band 48	F	20	QPSK	100	0	16.26	1:1.58	0.495	17.33	
3560.00	55340	Low	Right	Tilt	LTE Band 48	F	20	QPSK	1	50	16.07	1:1.58	0.512	16.99	
3560.00	55340	Low	Right	Tilt	LTE Band 48	F	20	QPSK	1	99	15.85	1:1.58	0.518	16.72	
3603.30	55773	Low-Mid	Right	Tilt	LTE Band 48	F	20	QPSK	1	50	16.27	1:1.58	0.524	17.09	
3646.70	56207	Mid-High	Right	Tilt	LTE Band 48	F	20	QPSK	1	0	16.10	1:1.58	0.505	17.08	
3690.00	56640	High	Right	Tilt	LTE Band 48	F	20	QPSK	1	99	16.12	1:1.58	0.447	17.63	
3560.00	55340	Low	Right	Tilt	LTE Band 48	F	20	QPSK	50	0	16.20	1:1.58	0.523	17.03	
3603.30	55773	Low-Mid	Right	Tilt	LTE Band 48	F	20	QPSK	50	0	16.32	1:1.58	0.527	17.12	
3646.70	56207	Mid-High	Right	Tilt	LTE Band 48	F	20	QPSK	50	25	16.19	1:1.58	0.516	17.08	
3690.00	56640	High	Right	Tilt	LTE Band 48	F	20	QPSK	50	25	16.26	1:1.58	0.478	17.48	
3603.30	55773	Low-Mid	Right	Tilt	LTE Band 48	F	20	QPSK	100	0	16.26	1:1.58	0.520	17.12	
3603.30	55773	Low-Mid	Left	Cheek	LTE Band 48	F	20	QPSK	1	50	16.27	1:1.58	0.385	18.43	
3603.30	55773	Low-Mid	Left	Cheek	LTE Band 48	F	20	QPSK	50	0	16.32	1:1.58	0.398	18.34	
3603.30	55773	Low-Mid	Left	Tilt	LTE Band 48	F	20	QPSK	1	50	16.27	1:1.58	0.389	18.39	
3603.30	55773	Low-Mid	Left	Tilt	LTE Band 48	F	20	QPSK	50	0	16.32	1:1.58	0.409	18.22	

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	Ch.													(W/kg)		
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.222	31.12	30.78
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.220	31.16	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.091	34.99	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.108	34.25	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.240	30.78	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.220	31.16	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	CP-OFDM	QPSK	1	1	23.03	1:1	0.141	31.54	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.114	34.01	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.132	33.37	

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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
MHz	Ch.	(W/kg)														
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.176	31.94	30.56
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.238	30.56	
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	CP-OFDM	QPSK	1	1	22.85	1:1	0.125	31.88	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.078	35.47	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.134	33.06	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.143	32.84	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.201	31.30	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.095	34.61	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.100	34.33	

Table A-20
DSI = 2 P_{Limit} Calculations – NR Band n26 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)														
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	22.80	1:1	0.252	28.79	28.79
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	0	22.65	1:1	0.220	29.23	
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	CP-OFDM	QPSK	1	1	22.67	1:1	0.206	29.53	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	22.80	1:1	0.158	30.81	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	0	22.65	1:1	0.132	31.44	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	22.80	1:1	0.221	29.36	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	0	22.65	1:1	0.186	29.96	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	22.80	1:1	0.161	30.73	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	0	22.65	1:1	0.117	31.97	

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Table A-21
DSI = 2 P_{Limit} Calculations – NR Band n66 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.	Ch.												(W/kg)		
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.093	33.65	31.40
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.099	33.47	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.057	35.77	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.063	35.44	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.156	31.40	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.148	31.73	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	CP-OFDM	QPSK	1	1	21.89	1:1	0.106	31.64	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.042	37.10	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.040	37.41	
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.96	1:1	0.420	19.73	
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	15.97	1:1	0.439	19.55	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.96	1:1	0.477	19.18	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	15.97	1:1	0.490	19.07	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	CP-OFDM	QPSK	1	1	15.93	1:1	0.514	18.82	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.96	1:1	0.256	21.88	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	15.97	1:1	0.271	21.64	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	15.96	1:1	0.419	19.74	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	108	15.97	1:1	0.438	19.56	

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Ch.												(W/kg)		
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.060	35.95	32.91
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.079	34.83	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.069	35.34	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.067	35.55	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.107	33.44	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.119	33.06	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	CP-OFDM	QPSK	1	1	21.89	1:1	0.079	32.91	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.074	35.04	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.062	35.89	
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.08	1:1	0.406	21.00	
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	17.22	1:1	0.443	20.76	
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	CP-OFDM	QPSK	1	1	17.11	1:1	0.445	20.63	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.08	1:1	0.398	21.08	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	17.22	1:1	0.432	20.87	
1882.50	376500	Mid	Left	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.08	1:1	0.228	23.50	
1882.50	376500	Mid	Left	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	17.22	1:1	0.232	23.57	
1882.50	376500	Mid	Left	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	17.08	1:1	0.321	22.02	
1882.50	376500	Mid	Left	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	17.22	1:1	0.346	21.83	

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	W/kg														
2310.00	462000	Mid	Right	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.060	34.84	32.13
2310.00	462000	Mid	Right	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.073	33.95	
2310.00	462000	Mid	Right	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.060	34.84	
2310.00	462000	Mid	Right	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.059	34.87	
2310.00	462000	Mid	Left	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.106	32.37	
2310.00	462000	Mid	Left	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.106	32.33	
2310.00	462000	Mid	Left	Cheek	NR Band n30	A	10	CP-OFDM	QPSK	1	1	20.88	1:1	0.075	32.13	
2310.00	462000	Mid	Left	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.036	37.06	
2310.00	462000	Mid	Left	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.035	37.14	
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.10	1:1	0.418	18.89	16.74
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	15.19	1:1	0.428	18.88	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.10	1:1	0.613	17.23	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	15.19	1:1	0.643	17.11	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	50	0	15.09	1:1	0.659	16.90	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	CP-OFDM	QPSK	1	1	15.02	1:1	0.673	16.74	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.10	1:1	0.300	20.33	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	15.19	1:1	0.312	20.25	
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.10	1:1	0.452	18.55	
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	15.19	1:1	0.462	18.54	

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	W/kg														
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.060	34.82	28.40
2535.00	507000	Mid	Right	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.064	34.68	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.055	35.20	
2535.00	507000	Mid	Right	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.059	35.03	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.255	28.54	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.249	28.78	
2535.00	507000	Mid	Left	Cheek	NR Band n7	B	40	CP-OFDM	QPSK	1	1	20.83	1:1	0.175	28.40	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.101	32.56	
2535.00	507000	Mid	Left	Tilt	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.104	32.57	
2535.00	507000	Mid	Right	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.02	1:1	0.472	19.28	18.44
2535.00	507000	Mid	Right	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.10	1:1	0.467	19.41	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.02	1:1	0.547	18.64	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.10	1:1	0.548	18.71	
2535.00	507000	Mid	Right	Tilt	NR Band n7	F	40	CP-OFDM	QPSK	1	1	16.04	1:1	0.576	18.44	
2535.00	507000	Mid	Left	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.02	1:1	0.305	21.18	
2535.00	507000	Mid	Left	Cheek	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.10	1:1	0.306	21.24	
2535.00	507000	Mid	Left	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	16.02	1:1	0.390	20.11	
2535.00	507000	Mid	Left	Tilt	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	16.10	1:1	0.371	20.41	

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

MEASUREMENT RESULTS																		
FREQUENCY		Side	Test Position	Mode	Antenna Config	Path	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit		
MHz	Ch.													(W/kg)				
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.02	1:1	0.540	19.70	18.10	
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	0	17.04	1:1	0.481	20.22		
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	270	0	16.96	1:1	0.541	19.63		
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.02	1:1	0.731	18.38		
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	0	17.04	1:1	0.637	19.00		
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	270	0	16.96	1:1	0.769	18.10		
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	16.96	1:1	0.597	19.20		
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.02	1:1	0.262	22.84		
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	0	17.04	1:1	0.238	23.27		
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	17.02	1:1	0.410	20.89		
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	0	17.04	1:1	0.391	21.12		
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	15.96	1:1	0.339	20.66		20.66
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.037	35.76		30.30
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.032	36.36		
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.047	34.72		
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.044	34.98		
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.117	30.76		
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.129	30.30		
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 2	100	CP-OFDM	QPSK	1	1	21.32	1:1	0.120	30.53		
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.072	32.87		
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.080	32.38		
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	15.62	1:1	0.065	27.49	27.49	
2592.99	518598	Mid	Right	Cheek	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.229	23.37	20.11	
2592.99	518598	Mid	Right	Tilt	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.211	23.73		
2592.99	518598	Mid	Left	Cheek	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.485	20.11		
2592.99	518598	Mid	Left	Tilt	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	16.97	1:1	0.427	20.67		
2592.99	518598	Mid	Left	Cheek	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	15.25	1:1	0.340	19.94	19.94	
2592.99	518598	Mid	Right	Cheek	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.000	57.10	57.10	
2592.99	518598	Mid	Right	Tilt	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.000	57.10		
2592.99	518598	Mid	Left	Cheek	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.000	57.10		
2592.99	518598	Mid	Left	Tilt	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.000	57.10		
2592.99	518598	Mid	Right	Cheek	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	12.94	1:1	0.000	52.94		52.94

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

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Low												Mid		
3570.00	638000	Low	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	15.14	1:1	0.582	17.49	17.49
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	15.19	1:1	0.524	18.00	
3679.98	645332	High	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	15.03	1:1	0.434	18.66	
3570.00	638000	Low	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	28	15.10	1:1	0.566	17.57	
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	15.18	1:1	0.497	18.22	
3679.98	645332	High	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	14.88	1:1	0.431	18.54	
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	100	0	15.04	1:1	0.489	18.15	
3624.99	641666	Mid	Right	Cheek	NR Band n48	F	40	CP-OFDM	QPSK	1	1	15.34	1:1	0.514	18.23	
3624.99	641666	Mid	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	15.19	1:1	0.472	18.45	
3624.99	641666	Mid	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	15.18	1:1	0.462	18.53	
3624.99	641666	Mid	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	15.19	1:1	0.140	23.73	
3624.99	641666	Mid	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	15.18	1:1	0.137	23.81	
3624.99	641666	Mid	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	1	15.19	1:1	0.272	20.84	
3624.99	641666	Mid	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	15.18	1:1	0.267	20.92	
3570.00	638000	Low	Right	Cheek	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.000	55.67	
3570.00	638000	Low	Right	Tilt	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.000	55.67	
3570.00	638000	Low	Left	Cheek	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.013	34.53	
3570.00	638000	Low	Left	Tilt	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.000	55.67	
3570.00	638000	Low	Right	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	11.45	1:1	0.429	15.13	13.96
3624.99	641666	Mid	Right	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	11.38	1:1	0.525	14.18	
3679.98	645332	High	Right	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	11.00	1:1	0.506	13.96	
3570.00	638000	Low	Right	Tilt	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	11.45	1:1	0.085	22.16	
3570.00	638000	Low	Left	Cheek	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	11.45	1:1	0.311	16.52	
3570.00	638000	Low	Left	Tilt	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	11.45	1:1	0.049	24.55	53.92
3570.00	638000	Low	Right	Cheek	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.000	53.92	
3570.00	638000	Low	Right	Tilt	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.000	53.92	
3570.00	638000	Low	Left	Cheek	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.000	53.92	
3570.00	638000	Low	Left	Tilt	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.000	53.92	

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

MEASUREMENT RESULTS																	
FREQUENCY		Side	Test Position	Mode	Antenna Config	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	Tilt	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	14.92	1:1	0.381	19.11	19.11	
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.007	35.43	35.43	
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.396	17.83	17.83	
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.000	52.41	52.41	
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	15.00	1:1	0.263	20.80	18.59	
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	15.05	1:1	0.261	20.88		
3750.00	650000	Low	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	14.92	1:1	0.430	18.59		
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	15.00	1:1	0.321	19.94		
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	15.05	1:1	0.312	20.11		
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	14.99	1:1	0.317	19.98		
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	CP-OFDM	QPSK	1	1	15.03	1:1	0.319	19.99		
3930.00	662000	High	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	15.00	1:1	0.131	23.83		
3930.00	662000	High	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	15.05	1:1	0.129	23.94		
3930.00	662000	High	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	15.00	1:1	0.182	22.40		
3930.00	662000	High	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	15.05	1:1	0.181	22.47		
3750.00	650000	Low	Right	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.000	53.35		40.34
3750.00	650000	Low	Right	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.000	53.35		
3750.00	650000	Low	Left	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.002	40.34		
3750.00	650000	Low	Left	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.000	53.35		
3930.00	662000	High	Right	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.297	18.87	18.87	
3930.00	662000	High	Right	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.010	33.60		
3930.00	662000	High	Left	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.179	21.07		
3930.00	662000	High	Left	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.010	33.60		
3930.00	662000	High	Right	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.000	51.63	51.63	
3930.00	662000	High	Right	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.000	51.63		
3930.00	662000	High	Left	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.000	51.63		
3930.00	662000	High	Left	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.000	51.63		

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Table A-28
DSI = 0 P_{Limit} Calculations – 2G/3G Body-Worn SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	190	back	15 mm	GSM 850	GSM	A	31.98	1:8.3	0.205	29.66	29.66
1850.20	512	back	15 mm	GSM 1900	GSM	A	29.17	1:8.3	0.056	32.49	32.49
MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	4183	back	15 mm	UMTS 850	RMC	A	24.22	1:1	0.268	29.94	29.94
1712.40	1312	back	15 mm	UMTS 1750	RMC	A	23.30	1:1	0.551	25.89	24.90
1732.40	1412	back	15 mm	UMTS 1750	RMC	A	23.31	1:1	0.581	25.67	
1752.60	1513	back	15 mm	UMTS 1750	RMC	A	23.28	1:1	0.689	24.90	
1852.40	9262	back	15 mm	UMTS 1900	RMC	A	23.27	1:1	0.673	24.99	24.99
1880.00	9400	back	15 mm	UMTS 1900	RMC	A	23.11	1:1	0.568	25.57	
1907.60	9538	back	15 mm	UMTS 1900	RMC	A	23.12	1:1	0.505	26.09	

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Table A-29
DSI = 0 P_{Limit} Calculations – 4G Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
680.50	133297	Mid	back	15 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.293	29.87	29.70
680.50	133297	Mid	back	15 mm	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.245	29.70	
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.317	29.67	29.67
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.251	29.73	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.292	29.78	29.78
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.219	30.05	
793.00	23330	Mid	back	15 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.295	29.75	29.75
793.00	23330	Mid	back	15 mm	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.227	29.76	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.250	30.42	30.42
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.171	31.00	
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.225	31.05	30.97
836.50	20525	Mid	back	15 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.176	30.97	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.646	25.39	25.05
1745.00	132322	Mid	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	23.20	1:1	0.632	25.19	
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	23.10	1:1	0.638	25.05	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.516	25.23	
1720.00	132072	Low	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	22.29	1:1	0.509	25.22	
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.251	27.48	27.27
1770.00	132572	High	back	15 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.50	1:1	0.265	27.27	
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.588	25.60	25.60
1882.50	26365	Mid	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.28	1:1	0.506	26.24	
1905.00	26590	High	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	22.94	1:1	0.483	26.10	
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.460	25.71	
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	0.206	28.57	28.57
1860.00	26140	Low	back	15 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.60	1:1	0.200	28.59	
2310.00	27710	Mid	back	15 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.418	26.37	26.37
2310.00	27710	Mid	back	15 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.328	26.41	
2310.00	27710	Mid	back	15 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	0.178	27.16	27.13
2310.00	27710	Mid	back	15 mm	LTE Band 30	F	10	QPSK	25	0	19.63	1:1	0.178	27.13	
2560.00	21350	High	back	15 mm	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.395	27.02	27.02
2560.00	21350	High	back	15 mm	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.311	27.03	
2510.00	20850	Low	back	15 mm	LTE Band 7	F	20	QPSK	1	0	19.91	1:1	0.210	26.69	26.69
2510.00	20850	Low	back	15 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	0.205	26.82	
2549.50	40185	Low-Mid	back	15 mm	LTE Band 41	B	20	QPSK	1	0	23.81	1:1.58	0.243	27.97	27.92
2549.50	40185	Low-Mid	back	15 mm	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.236	28.15	
2549.50	40185	Low-Mid	back	15 mm	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.198	27.92	
2506.00	39750	Low	back	15 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	0.180	27.69	27.56
2506.00	39750	Low	back	15 mm	LTE Band 41	F	20	QPSK	50	0	22.19	1:1.58	0.184	27.56	
2506.00	39750	Low	back	15 mm	LTE Band 41	F	20	QPSK	50	50	22.10	1:1.58	0.146	28.47	
3646.70	56207	Mid-High	back	15 mm	LTE Band 48	F	20	QPSK	1	99	20.95	1:1.58	0.233	25.29	25.29
3646.70	56207	Mid-High	back	15 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.235	25.29	

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Table A-30
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.	(W/kg)															
680.50	136100	Mid	back	15 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.367	28.93	28.93	
680.50	136100	Mid	back	15 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.339	29.28		28.93
680.50	136100	Mid	back	15 mm	NR Band n71	A	20	CP-OFDM	QPSK	1	1	23.03	1:1	0.240	29.23		
707.50	141500	Mid	back	15 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.349	28.96	28.77	
707.50	141500	Mid	back	15 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.360	28.77		28.77
707.50	141500	Mid	back	15 mm	NR Band n12	A	15	CP-OFDM	QPSK	1	1	22.85	1:1	0.245	28.96		
831.50	166300	Mid	back	15 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.277	29.36	28.86	
831.50	166300	Mid	back	15 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.245	29.94		28.86
831.50	166300	Mid	back	15 mm	NR Band n26	A	20	CP-OFDM	QPSK	1	1	22.36	1:1	0.224	28.86		
1745.00	349000	Mid	back	15 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.525	26.13	25.65	
1745.00	349000	Mid	back	15 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.535	26.15		25.65
1745.00	349000	Mid	back	15 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	21.89	1:1	0.421	25.65		
1745.00	349000	Mid	back	15 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.265	26.84	26.46	
1745.00	349000	Mid	back	15 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	21.07	1:1	0.270	26.76		26.46
1745.00	349000	Mid	back	15 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	21.04	1:1	0.287	26.46		
1882.50	376500	Mid	back	15 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.589	26.03	26.03	
1882.50	376500	Mid	back	15 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.592	26.09		26.03
1882.50	376500	Mid	back	15 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	21.89	1:1	0.362	26.30		
1882.50	376500	Mid	back	15 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	22.01	1:1	0.073	33.38	33.28	
1882.50	376500	Mid	back	15 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	0.067	33.79		33.28
1882.50	376500	Mid	back	15 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	21.97	1:1	0.074	33.28		
2310.00	462000	Mid	back	15 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.315	27.64	26.33	
2310.00	462000	Mid	back	15 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.338	27.29		26.33
2310.00	462000	Mid	back	15 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	20.88	1:1	0.285	26.33		
2310.00	462000	Mid	back	15 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	19.43	1:1	0.122	28.57	28.50	
2310.00	462000	Mid	back	15 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	0.124	28.58		28.50
2310.00	462000	Mid	back	15 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.29	1:1	0.120	28.50		
2535.00	507000	Mid	back	15 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.315	27.62	26.71	
2535.00	507000	Mid	back	15 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.366	27.11		26.71
2535.00	507000	Mid	back	15 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	20.83	1:1	0.258	26.71		
2535.00	507000	Mid	back	15 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	20.15	1:1	0.140	28.69	28.45	
2535.00	507000	Mid	back	15 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	0.137	28.86		28.45
2535.00	507000	Mid	back	15 mm	NR Band n7	F	40	CP-OFDM	QPSK	1	1	20.15	1:1	0.148	28.45		

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Table A-31
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.56	1:1	0.112	29.07	28.65
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.58	1:1	0.115	28.97	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	19.44	1:1	0.120	28.65	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	16.02	1:1	0.081	26.94	26.94
2592.99	518598	Mid	back	15 mm	NR Band n41	B	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.203	28.37	28.11
2592.99	518598	Mid	back	15 mm	NR Band n41	B	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.214	28.11	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	100	CP-OFDM	QPSK	1	1	21.32	1:1	0.199	28.33	
2592.99	518598	Mid	back	15 mm	NR Band n41	B	100	CW/SRS	N/A	N/A	N/A	15.62	1:1	0.090	26.08	26.08
2592.99	518598	Mid	back	15 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	18.02	1:1	0.025	34.04	34.04
2592.99	518598	Mid	back	15 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	15.25	1:1	0.016	33.21	33.21
2592.99	518598	Mid	back	15 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.068	28.78	28.78
2592.99	518598	Mid	back	15 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	12.94	1:1	0.021	29.72	29.72
3624.99	641666	Mid	back	15 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.220	25.54	25.49
3624.99	641666	Mid	back	15 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.86	1:1	0.211	25.62	
3624.99	641666	Mid	back	15 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	18.93	1:1	0.221	25.49	
3570.00	638000	Low	back	15 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.027	31.36	31.36
3570.00	638000	Low	back	15 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.058	28.22	28.22
3570.00	638000	Low	back	15 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.093	24.24	24.24

Table A-32
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.084	28.08	28.08
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	NA	NA	13.88	1:1	0.022	30.46	30.46
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	NA	NA	13.81	1:1	0.032	28.76	28.76
3500.01	633334	Mid	back	15 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	NA	NA	12.41	1:1	0.058	24.78	24.78
3930.00	662000	High	back	15 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.200	24.99	23.81
3930.00	662000	High	back	15 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	17.71	1:1	0.211	24.47	
3930.00	662000	High	back	15 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	17.48	1:1	0.233	23.81	
3750.00	650000	Low	back	15 mm	NR Band n77	C	100	CW/SRS	N/A	NA	NA	13.35	1:1	0.008	34.32	34.32
3930.00	662000	High	back	15 mm	NR Band n77	I	100	CW/SRS	N/A	NA	NA	13.60	1:1	0.016	31.56	31.56
3930.00	662000	High	back	15 mm	NR Band n77	D	100	CW/SRS	N/A	NA	NA	11.63	1:1	0.032	26.58	26.58

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Table A-33
DSI = 3 P_{Limit} Calculations – GPRS Hotspot SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.									(W/kg)		
824.20	128	back	10 mm	GSM 850	GPRS	A	3	29.09	1:2.76	0.541	27.33	26.81
836.60	190	back	10 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.486	27.87	
848.80	251	back	10 mm	GSM 850	GPRS	A	3	29.03	1:2.76	0.601	26.81	
836.60	190	front	10 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.350	29.30	
836.60	190	bottom	10 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.109	34.37	
836.60	190	right	10 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.321	29.67	
836.60	190	left	10 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.187	32.02	
1850.20	512	back	10 mm	GSM 1900	GPRS	A	4	21.88	1:2.076	0.082	29.56	28.41
1850.20	512	front	10 mm	GSM 1900	GPRS	A	4	21.88	1:2.076	0.071	30.19	
1850.20	512	bottom	10 mm	GSM 1900	GPRS	A	4	21.88	1:2.076	0.107	28.41	
1850.20	512	right	10 mm	GSM 1900	GPRS	A	4	21.88	1:2.076	0.005	41.71	
1850.20	512	left	10 mm	GSM 1900	GPRS	A	4	21.88	1:2.076	0.008	39.67	

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Table A-34
DSI = 3 P_{Limit} Calculations –UMTS Hotspot SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
836.60	4183	back	10 mm	UMTS 850	RMC	A	24.22	1:1	0.483	27.38	27.38
836.60	4183	front	10 mm	UMTS 850	RMC	A	24.22	1:1	0.339	28.92	
836.60	4183	bottom	10 mm	UMTS 850	RMC	A	24.22	1:1	0.081	35.16	
836.60	4183	right	10 mm	UMTS 850	RMC	A	24.22	1:1	0.335	28.97	
836.60	4183	left	10 mm	UMTS 850	RMC	A	24.22	1:1	0.210	31.00	
1712.40	1312	back	10 mm	UMTS 1750	RMC	A	19.23	1:1	0.395	23.26	20.68
1712.40	1312	front	10 mm	UMTS 1750	RMC	A	19.23	1:1	0.283	24.71	
1712.40	1312	bottom	10 mm	UMTS 1750	RMC	A	19.23	1:1	0.666	21.00	
1732.40	1412	bottom	10 mm	UMTS 1750	RMC	A	19.18	1:1	0.683	20.84	
1752.60	1513	bottom	10 mm	UMTS 1750	RMC	A	19.21	1:1	0.713	20.68	
1712.40	1312	right	10 mm	UMTS 1750	RMC	A	19.23	1:1	0.043	32.90	
1712.40	1312	left	10 mm	UMTS 1750	RMC	A	19.23	1:1	0.066	31.03	
1852.40	9262	back	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.505	22.29	20.48
1852.40	9262	front	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.469	22.61	
1852.40	9262	bottom	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.738	20.64	
1880.00	9400	bottom	10 mm	UMTS 1900	RMC	A	19.20	1:1	0.744	20.48	
1907.60	9538	bottom	10 mm	UMTS 1900	RMC	A	19.21	1:1	0.741	20.51	
1852.40	9262	right	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.047	32.60	
1852.40	9262	left	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.098	29.41	

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Table A-35
DSI = 3 P_{Limit} Calculations – LTE Band 71 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.428	28.23	28.12
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.352	28.12	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.306	29.68	
680.50	133297	Mid	front	10 mm	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.251	29.59	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.086	35.22	
680.50	133297	Mid	bottom	10 mm	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.077	34.75	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.179	32.01	
680.50	133297	Mid	right	10 mm	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.157	31.63	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.238	30.77	
680.50	133297	Mid	left	10 mm	LTE Band 71	A	20	QPSK	50	25	23.59	1:1	0.199	30.60	

Table A-36
DSI = 3 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.473	27.93	27.93
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.365	28.11	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.354	29.19	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.282	29.23	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.123	33.78	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.096	33.90	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.318	29.66	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.246	29.82	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.316	29.68	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	25	25	23.73	1:1	0.246	29.82	

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Table A-37
DSI = 3 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.436	28.04	28.04
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.340	28.14	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.345	29.05	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.259	29.32	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.118	33.71	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.094	33.72	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.344	29.06	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.256	29.37	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.298	29.69	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	25	0	23.45	1:1	0.220	30.03	

Table A-38
DSI = 3 P_{Limit} Calculations – LTE Band 14 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.501	27.45	27.45
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.386	27.45	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.347	29.05	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.267	29.05	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.117	33.77	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.091	33.72	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.312	29.51	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.240	29.52	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.236	30.72	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	10	QPSK	25	12	23.32	1:1	0.180	30.77	

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Table A-39
DSI = 3 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.501	27.40	27.24
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.406	27.24	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.320	29.35	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.256	29.25	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.099	34.47	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.089	33.84	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.292	29.75	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.216	29.99	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.238	30.63	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.33	1:1	0.171	31.00	

Table A-40
DSI = 3 P_{Limit} Calculations – LTE Band 5 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.465	27.90	27.76
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.369	27.76	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.308	29.68	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.237	29.68	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.119	33.81	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.097	33.57	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.274	30.19	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.216	30.09	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.237	30.82	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.43	1:1	0.169	31.15	

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Table A-41
DSI = 3 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	18.70	1:1	0.404	22.64	19.36
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	18.60	1:1	0.412	22.45	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	18.70	1:1	0.340	23.39	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	18.60	1:1	0.343	23.25	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	18.70	1:1	0.814	19.59	
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.44	1:1	0.742	19.74	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	18.34	1:1	0.643	20.26	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	18.60	1:1	0.840	19.36	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	18.57	1:1	0.824	19.41	
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	18.48	1:1	0.694	20.07	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	18.44	1:1	0.630	20.45	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	18.57	1:1	0.770	19.71	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	18.70	1:1	0.048	31.89	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	18.60	1:1	0.049	31.70	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	18.70	1:1	0.118	27.98	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	18.60	1:1	0.121	27.77	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.508	24.42	23.27
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.50	1:1	0.516	24.37	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.375	25.74	
1770.00	132572	High	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.50	1:1	0.379	25.71	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.590	23.77	
1720.00	132072	Low	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	21.12	1:1	0.590	23.41	
1745.00	132322	Mid	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.17	1:1	0.617	23.27	
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.50	1:1	0.607	23.67	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.194	28.60	
1770.00	132572	High	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.50	1:1	0.196	28.58	

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Table A-42
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.59	1:1	0.472	22.85	19.60
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.63	1:1	0.465	22.96	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.59	1:1	0.402	23.55	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.63	1:1	0.412	23.48	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.59	1:1	0.809	20.51	
1882.50	26365	Mid	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.56	1:1	0.827	20.38	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.58	1:1	0.926	19.91	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.63	1:1	0.827	20.45	
1882.50	26365	Mid	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.54	1:1	0.870	20.14	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	19.55	1:1	0.988	19.60	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	19.58	1:1	0.926	19.91	
1860.00	26140	Low	right	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.59	1:1	0.035	34.15	
1860.00	26140	Low	right	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.63	1:1	0.037	33.95	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.59	1:1	0.128	28.52	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.63	1:1	0.127	28.59	
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	0.398	25.71	22.95
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.60	1:1	0.331	26.40	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	0.341	26.38	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.60	1:1	0.340	26.29	
1860.00	26140	Low	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	0.752	22.95	
1882.50	26365	Mid	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.40	1:1	0.694	22.99	
1905.00	26590	High	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.42	1:1	0.624	23.47	
1860.00	26140	Low	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.60	1:1	0.714	23.06	
1882.50	26365	Mid	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.35	1:1	0.678	23.04	
1905.00	26590	High	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.46	1:1	0.609	23.61	
1860.00	26140	Low	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	100	0	21.56	1:1	0.712	23.04	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	0.187	28.99	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.60	1:1	0.181	29.02	

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Table A-43
DSI = 3 P_{Limit} Calculations – LTE Band 30 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	1	25	18.52	1:1	0.361	22.94	19.16
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	25	12	18.59	1:1	0.354	23.10	
2310.00	27710	Mid	front	10 mm	LTE Band 30	A	10	QPSK	1	25	18.52	1:1	0.295	23.82	
2310.00	27710	Mid	front	10 mm	LTE Band 30	A	10	QPSK	25	12	18.59	1:1	0.297	23.86	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	1	25	18.52	1:1	0.863	19.16	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	25	12	18.59	1:1	0.868	19.20	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	50	0	18.51	1:1	0.822	19.36	
2310.00	27710	Mid	right	10 mm	LTE Band 30	A	10	QPSK	1	25	18.52	1:1	0.022	35.10	
2310.00	27710	Mid	right	10 mm	LTE Band 30	A	10	QPSK	25	12	18.59	1:1	0.023	34.97	
2310.00	27710	Mid	left	10 mm	LTE Band 30	A	10	QPSK	1	25	18.52	1:1	0.049	31.62	
2310.00	27710	Mid	left	10 mm	LTE Band 30	A	10	QPSK	25	12	18.59	1:1	0.051	31.51	
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	0.358	24.12	22.18
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	25	0	19.63	1:1	0.362	24.04	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	0.232	26.01	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	25	0	19.63	1:1	0.238	25.86	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	0.552	22.24	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	25	0	19.63	1:1	0.556	22.18	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	0.062	31.74	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	25	0	19.63	1:1	0.055	32.23	

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Table A-44
DSI = 3 P_{Limit} Calculations – LTE Band 7 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2510.00	20850	Low	back	10 mm	LTE Band 7	B	20	QPSK	1	50	20.40	1:1	0.407	24.30	23.69
2510.00	20850	Low	back	10 mm	LTE Band 7	B	20	QPSK	50	25	20.43	1:1	0.418	24.22	
2535.00	21100	Mid	back	10 mm	LTE Band 7	B	20	QPSK	50	25	20.40	1:1	0.442	23.95	
2560.00	21350	High	back	10 mm	LTE Band 7	B	20	QPSK	50	50	20.40	1:1	0.469	23.69	
2510.00	20850	Low	front	10 mm	LTE Band 7	B	20	QPSK	1	50	20.40	1:1	0.235	26.69	
2510.00	20850	Low	front	10 mm	LTE Band 7	B	20	QPSK	50	25	20.43	1:1	0.241	26.61	
2510.00	20850	Low	bottom	10 mm	LTE Band 7	B	20	QPSK	1	50	20.40	1:1	0.313	25.44	
2510.00	20850	Low	bottom	10 mm	LTE Band 7	B	20	QPSK	50	25	20.43	1:1	0.322	25.35	
2510.00	20850	Low	left	10 mm	LTE Band 7	B	20	QPSK	1	50	20.40	1:1	0.310	25.49	
2510.00	20850	Low	left	10 mm	LTE Band 7	B	20	QPSK	50	25	20.43	1:1	0.318	25.41	
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	1	0	19.91	1:1	0.291	25.27	22.78
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	0.279	25.48	
2510.00	20850	Low	front	10 mm	LTE Band 7	F	20	QPSK	1	0	19.91	1:1	0.210	26.69	
2510.00	20850	Low	front	10 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	0.202	26.89	
2510.00	20850	Low	top	10 mm	LTE Band 7	F	20	QPSK	1	0	19.91	1:1	0.517	22.78	
2535.00	21100	Mid	top	10 mm	LTE Band 7	F	20	QPSK	1	99	19.67	1:1	0.324	24.56	
2560.00	21350	High	top	10 mm	LTE Band 7	F	20	QPSK	1	50	19.60	1:1	0.315	24.62	
2510.00	20850	Low	top	10 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	0.496	22.99	
2510.00	20850	Low	left	10 mm	LTE Band 7	F	20	QPSK	1	0	19.91	1:1	0.029	35.29	
2510.00	20850	Low	left	10 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	0.031	35.03	

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Table A-45
DSI = 3 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2549.50	40185	Low-Mid	back	10 mm	LTE Band 41	B	20	QPSK	1	50	23.20	1:1.58	0.447	24.71	24.71
2549.50	40185	Low-Mid	back	10 mm	LTE Band 41	B	20	QPSK	1	99	23.16	1:1.58	0.438	24.76	
2549.50	40185	Low-Mid	back	10 mm	LTE Band 41	B	20	QPSK	50	25	23.09	1:1.58	0.413	24.95	
2549.50	40185	Low-Mid	front	10 mm	LTE Band 41	B	20	QPSK	1	50	23.20	1:1.58	0.274	26.84	
2549.50	40185	Low-Mid	front	10 mm	LTE Band 41	B	20	QPSK	50	25	23.09	1:1.58	0.275	26.71	
2549.50	40185	Low-Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	1	50	23.20	1:1.58	0.433	24.85	
2549.50	40185	Low-Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	23.09	1:1.58	0.423	24.84	
2549.50	40185	Low-Mid	left	10 mm	LTE Band 41	B	20	QPSK	1	50	23.20	1:1.58	0.331	26.02	
2549.50	40185	Low-Mid	left	10 mm	LTE Band 41	B	20	QPSK	50	25	23.09	1:1.58	0.317	26.10	
2506.00	39750	Low	back	10 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	0.334	25.01	23.10
2506.00	39750	Low	back	10 mm	LTE Band 41	F	20	QPSK	50	0	22.19	1:1.58	0.343	24.85	
2506.00	39750	Low	front	10 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	0.249	26.28	
2506.00	39750	Low	front	10 mm	LTE Band 41	F	20	QPSK	50	0	22.19	1:1.58	0.253	26.17	
2506.00	39750	Low	top	10 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	0.484	23.40	
2506.00	39750	Low	top	10 mm	LTE Band 41	F	20	QPSK	50	0	22.19	1:1.58	0.513	23.10	
2506.00	39750	Low	top	10 mm	LTE Band 41	F	20	QPSK	50	50	22.10	1:1.58	0.493	23.19	
2506.00	39750	Low	left	10 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	0.024	36.44	
2506.00	39750	Low	left	10 mm	LTE Band 41	F	20	QPSK	50	0	22.19	1:1.58	0.026	36.06	

Table A-46
DSI = 3 P_{Limit} Calculations – LTE Band 48 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	1	99	20.95	1:1.58	0.403	22.91	22.91
3646.70	56207	Mid-High	back	10 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.405	22.92	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	1	99	20.95	1:1.58	0.104	28.80	
3646.70	56207	Mid-High	front	10 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.107	28.70	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	1	99	20.95	1:1.58	0.227	25.41	
3646.70	56207	Mid-High	top	10 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.231	25.36	
3646.70	56207	Mid-High	left	10 mm	LTE Band 48	F	20	QPSK	1	99	20.95	1:1.58	0.077	30.10	
3646.70	56207	Mid-High	left	10 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.073	30.36	

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Table A-47
DSI = 3 P_{Limit} Calculations – NR Band n71 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.577	26.97	26.97
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.537	27.28	
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	CP-OFDM	QPSK	1	1	23.03	1:1	0.364	27.42	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.415	28.40	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.374	28.85	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.141	33.09	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.120	33.79	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.240	30.78	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.228	31.00	
680.50	136100	Mid	left	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.216	31.24	
680.50	136100	Mid	left	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.58	1:1	0.284	30.05	

Table A-48
DSI = 3 P_{Limit} Calculations – NR Band n12 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.490	27.49	27.33
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.501	27.33	
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	CP-OFDM	QPSK	1	1	22.85	1:1	0.344	27.48	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.343	29.04	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.382	28.51	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.112	33.90	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.144	32.75	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.280	29.92	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.302	29.53	
707.50	141500	Mid	left	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.259	30.26	
707.50	141500	Mid	left	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.33	1:1	0.263	30.13	

Table A-49
DSI = 3 P_{Limit} Calculations – NR Band n26 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.397	27.79	27.56
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.415	27.65	
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	CP-OFDM	QPSK	1	1	22.36	1:1	0.302	27.56	
831.50	166300	Mid	front	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.362	28.19	
831.50	166300	Mid	front	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.340	28.52	
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.133	32.54	
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.146	32.19	
831.50	166300	Mid	right	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.403	27.73	
831.50	166300	Mid	right	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.388	27.94	
831.50	166300	Mid	left	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	1	23.78	1:1	0.407	27.68	
831.50	166300	Mid	left	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.342	28.49	

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Table A-50
DSI = 3 P_{Limit} Calculations – NR Band n66 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	18.31	1:1	0.373	22.59	19.28
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	18.45	1:1	0.384	22.61	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	18.31	1:1	0.306	23.45	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	18.45	1:1	0.320	23.40	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	18.31	1:1	0.788	19.35	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	18.45	1:1	0.810	19.37	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	216	0	18.30	1:1	0.798	19.28	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	18.37	1:1	0.811	19.28	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	18.31	1:1	0.041	32.18	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	18.45	1:1	0.042	32.22	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	18.31	1:1	0.085	29.02	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	18.45	1:1	0.084	29.21	
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.479	24.27	22.31
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	21.07	1:1	0.485	24.21	
1745.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.288	26.48	
1745.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	21.07	1:1	0.310	26.16	
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.718	22.51	
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	21.07	1:1	0.719	22.50	
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	21.04	1:1	0.747	22.31	
1745.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.193	28.21	
1745.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	21.07	1:1	0.201	28.04	

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Table A-51
DSI = 3 P_{Limit} Calculations – NR Band n25 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
1882.50	376500	Mid	back	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	19.82	1:1	0.544	22.46	20.86
1882.50	376500	Mid	back	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	19.89	1:1	0.552	22.47	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	19.82	1:1	0.467	23.13	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	19.89	1:1	0.436	23.50	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	19.82	1:1	0.699	21.38	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	19.89	1:1	0.766	21.05	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	216	0	19.81	1:1	0.785	20.86	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	19.86	1:1	0.726	21.25	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	19.82	1:1	0.042	33.59	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	19.89	1:1	0.043	33.56	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	19.82	1:1	0.126	28.82	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	19.89	1:1	0.117	29.21	
1882.50	376500	Mid	back	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	22.01	1:1	0.133	30.77	
1882.50	376500	Mid	back	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	0.126	31.05	
1882.50	376500	Mid	front	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	22.01	1:1	0.121	31.18	
1882.50	376500	Mid	front	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	0.113	31.52	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	22.01	1:1	0.299	27.25	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	0.309	27.15	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	21.97	1:1	0.313	27.02	
1882.50	376500	Mid	left	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	1	22.01	1:1	0.063	34.02	
1882.50	376500	Mid	left	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	0.054	34.73	

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Table A-52
DSI = 3 P_{Limit} Calculations – NR Band n30 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2310.00	462000	Mid	back	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	18.61	1:1	0.384	22.77	19.08
2310.00	462000	Mid	back	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	18.71	1:1	0.389	22.81	
2310.00	462000	Mid	front	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	18.61	1:1	0.399	22.60	
2310.00	462000	Mid	front	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	18.71	1:1	0.415	22.53	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	18.61	1:1	0.898	19.08	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	18.71	1:1	0.890	19.22	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	50	0	18.60	1:1	0.895	19.08	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	18.52	1:1	0.876	19.10	
2310.00	462000	Mid	right	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	18.61	1:1	0.023	34.99	
2310.00	462000	Mid	right	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	18.71	1:1	0.024	34.91	
2310.00	462000	Mid	left	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	18.61	1:1	0.044	32.18	
2310.00	462000	Mid	left	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	18.71	1:1	0.043	32.38	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	19.43	1:1	0.241	25.61	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	0.244	25.64	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	19.43	1:1	0.191	26.62	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	0.199	26.52	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	19.43	1:1	0.454	22.86	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	0.465	22.84	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.29	1:1	0.464	22.63	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	19.43	1:1	0.035	33.99	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	0.036	33.95	

Table A-53
DSI = 3 P_{Limit} Calculations – NR Band n7 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2535.00	507000	Mid	back	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.50	1:1	0.467	23.81	23.81
2535.00	507000	Mid	back	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	20.68	1:1	0.477	23.90	
2535.00	507000	Mid	back	10 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	20.97	1:1	0.409	24.85	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.50	1:1	0.317	25.49	
2535.00	507000	Mid	front	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	20.68	1:1	0.328	25.52	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.50	1:1	0.376	24.75	
2535.00	507000	Mid	bottom	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	20.68	1:1	0.370	25.00	
2535.00	507000	Mid	left	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	20.50	1:1	0.333	25.28	
2535.00	507000	Mid	left	10 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	20.68	1:1	0.327	25.54	
2535.00	507000	Mid	back	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	20.15	1:1	0.277	25.73	
2535.00	507000	Mid	back	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	0.274	25.85	
2535.00	507000	Mid	front	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	20.15	1:1	0.185	27.48	
2535.00	507000	Mid	front	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	0.188	27.49	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	20.15	1:1	0.438	23.74	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	0.395	24.26	
2535.00	507000	Mid	top	10 mm	NR Band n7	F	40	CP-OFDM	QPSK	1	1	20.15	1:1	0.480	23.34	
2535.00	507000	Mid	left	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	1	1	20.15	1:1	0.044	33.72	
2535.00	507000	Mid	left	10 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	0.042	34.00	

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Table A-54
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Path	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
2592.99	518598	Mid	back	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1:1	0.205	26.44	23.82
2592.99	518598	Mid	back	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.58	1:1	0.217	26.22	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1:1	0.153	27.71	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.58	1:1	0.160	27.54	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1:1	0.349	24.13	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.58	1:1	0.368	23.92	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	19.44	1:1	0.365	23.82	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1:1	0.037	33.88	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.58	1:1	0.037	33.90	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	16.02	1:1	0.214	22.72	22.72
2592.99	518598	Mid	back	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.401	25.41	23.18
2592.99	518598	Mid	back	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.413	25.25	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.321	26.38	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.286	26.85	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.642	23.37	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.548	24.02	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	270	0	21.25	1:1	0.507	24.20	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 2	100	CP-OFDM	QPSK	1	1	21.32	1:1	0.652	23.18	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1:1	0.264	27.22	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1:1	0.283	26.89	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	15.62	1:1	0.224	22.12	22.12
2592.99	518598	Mid	back	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	1:1	0.069	29.63	29.63
2592.99	518598	Mid	front	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	1:1	0.063	30.03	
2592.99	518598	Mid	top	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	1:1	0.068	29.70	
2592.99	518598	Mid	right	10 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	1:1	0.048	31.21	
2592.99	518598	Mid	back	10 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	15.25	1:1	0.043	28.92	28.92
2592.99	518598	Mid	back	10 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.137	25.73	25.73
2592.99	518598	Mid	front	10 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.011	36.69	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.029	32.48	
2592.99	518598	Mid	right	10 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	1:1	0.009	37.56	
2592.99	518598	Mid	back	10 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	12.94	1:1	0.050	25.95	

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Table A-55
DSI = 3 P_{Limit} Calculations – NR Band n48 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.366	23.33	23.33
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.86	1:1	0.350	23.42	
3624.99	641666	Mid	back	10 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	18.93	1:1	0.337	23.65	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.110	28.55	
3624.99	641666	Mid	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.86	1:1	0.152	27.04	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.264	24.74	
3624.99	641666	Mid	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.86	1:1	0.275	24.47	
3624.99	641666	Mid	left	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.065	30.83	
3624.99	641666	Mid	left	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	0	18.86	1:1	0.069	30.47	
3570.00	638000	Low	back	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.068	27.35	
3570.00	638000	Low	front	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.045	29.14	
3570.00	638000	Low	bottom	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.048	28.86	
3570.00	638000	Low	left	10 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.074	26.98	
3570.00	638000	Low	back	10 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.115	25.24	25.24
3570.00	638000	Low	front	10 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.079	26.87	
3570.00	638000	Low	top	10 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.004	39.83	
3570.00	638000	Low	left	10 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.029	31.23	
3570.00	638000	Low	back	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.175	21.49	
3570.00	638000	Low	front	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.011	33.51	21.49
3570.00	638000	Low	bottom	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.041	27.79	
3570.00	638000	Low	right	10 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.008	34.89	

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Table A-56
DSI = 3 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit		
MHz	Ch.												(W/kg)				
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.190	24.53	24.53	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.037	28.20	28.20	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.071	25.30	25.30	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.128	21.34	21.34	
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	271	17.69	1:1	0.472	20.95	20.93	
3930.00	662000	High	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.378	22.23		
3750.00	650000	Low	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	17.64	1:1	0.373	21.92		
3930.00	662000	High	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	17.71	1:1	0.408	21.60		
3930.00	662000	High	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	270	0	17.69	1:1	0.474	20.93		
3930.00	662000	High	back	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	17.48	1:1	0.321	22.42		
3930.00	662000	High	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.097	28.13		
3930.00	662000	High	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	17.71	1:1	0.088	28.27		
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.104	27.83		
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	17.71	1:1	0.108	27.38		
3930.00	662000	High	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.033	32.82		
3930.00	662000	High	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	17.71	1:1	0.037	32.03		
3750.00	650000	Low	back	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.021	30.13		28.58
3750.00	650000	Low	front	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.020	30.34		
3750.00	650000	Low	bottom	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.016	31.31		
3750.00	650000	Low	left	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.030	28.58		
3930.00	662000	High	back	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.040	27.58	27.58	
3930.00	662000	High	front	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.031	28.69		
3930.00	662000	High	top	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.002	40.59		
3930.00	662000	High	left	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.012	32.81		
3930.00	662000	High	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.110	21.22	21.22	
3930.00	662000	High	front	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.003	36.86		
3930.00	662000	High	bottom	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.013	30.49		
3930.00	662000	High	right	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.005	34.64		

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Table A-57
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	29.17	1:2.76	0.658	30.54	28.62
836.60	190	front	6 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.520	31.56	
836.60	190	bottom	11 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.110	38.31	
836.60	190	right	0 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.379	32.93	
836.60	190	left	0 mm	GSM 850	GPRS	A	3	29.17	1:2.76	1.024	28.62	
1850.20	512	back	8 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.720	27.38	27.20
1850.20	512	front	6 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.710	27.44	
1850.20	512	bottom	11 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.750	27.20	
1850.20	512	right	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.147	34.28	
1850.20	512	left	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.352	30.48	

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Table A-58
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)		
836.60	4183	back	8 mm	UMTS 850	RMC	A	24.22	1:1	0.520	31.04	29.44
836.60	4183	front	6 mm	UMTS 850	RMC	A	24.22	1:1	0.452	31.65	
836.60	4183	bottom	11 mm	UMTS 850	RMC	A	24.22	1:1	0.105	37.99	
836.60	4183	right	0 mm	UMTS 850	RMC	A	24.22	1:1	0.303	33.38	
836.60	4183	left	0 mm	UMTS 850	RMC	A	24.22	1:1	0.752	29.44	
1732.40	1412	back	8 mm	UMTS 1750	RMC	A	23.31	1:1	0.749	28.54	28.07
1732.40	1412	front	6 mm	UMTS 1750	RMC	A	23.31	1:1	0.836	28.07	
1732.40	1412	bottom	11 mm	UMTS 1750	RMC	A	23.31	1:1	0.746	28.56	
1732.40	1412	right	0 mm	UMTS 1750	RMC	A	23.31	1:1	0.257	33.19	
1732.40	1412	left	0 mm	UMTS 1750	RMC	A	23.31	1:1	0.420	31.06	
1852.40	9262	back	8 mm	UMTS 1900	RMC	A	23.27	1:1	0.851	27.95	27.30
1852.40	9262	front	6 mm	UMTS 1900	RMC	A	23.27	1:1	0.747	28.52	
1852.40	9262	bottom	11 mm	UMTS 1900	RMC	A	23.27	1:1	0.988	27.30	
1852.40	9262	right	0 mm	UMTS 1900	RMC	A	23.27	1:1	0.314	32.28	
1852.40	9262	left	0 mm	UMTS 1900	RMC	A	23.27	1:1	0.641	29.18	

Table A-59
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]	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	0	24.54	1:1	0.345	33.14	31.55
680.50	133297	Mid	front	6 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.294	33.84	
680.50	133297	Mid	bottom	11 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.110	38.11	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.200	35.51	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.498	31.55	

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Table A-60
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]	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	25	24.68	1:1	0.425	32.38	31.89
707.50	23095	Mid	front	6 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.352	33.19	
707.50	23095	Mid	bottom	11 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.098	38.75	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.230	35.04	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.475	31.89	

Table A-61
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]	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	24.43	1:1	0.415	32.23	30.71
782.00	23230	Mid	front	6 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.338	33.12	
782.00	23230	Mid	bottom	11 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.090	38.87	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.248	34.46	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.589	30.71	

Table A-62
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]	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	25	24.45	1:1	0.423	32.17	30.14
793.00	23330	Mid	front	6 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.354	32.94	
793.00	23330	Mid	bottom	11 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.092	38.79	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.246	34.52	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.675	30.14	

Table A-63
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]	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	24.40	1:1	0.445	31.90	29.38
831.50	26865	Mid	front	6 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.389	32.48	
831.50	26865	Mid	bottom	11 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.075	39.63	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.258	34.26	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.794	29.38	

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Table A-64
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]	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	24.57	1:1	0.465	31.87	29.65
836.50	20525	Mid	front	6 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.408	32.44	
836.50	20525	Mid	bottom	11 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.102	38.46	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.299	33.79	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.777	29.65	

Table A-65
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1720.00	132072	Low	back	8 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.923	27.82	27.46
1720.00	132072	Low	back	8 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.750	27.59	
1720.00	132072	Low	front	6 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.876	28.04	
1720.00	132072	Low	front	6 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.719	27.77	
1720.00	132072	Low	bottom	11 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.930	27.78	
1720.00	132072	Low	bottom	11 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.772	27.46	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.325	32.35	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.258	32.22	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.787	28.51	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.638	28.29	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.794	26.46	21.27
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	1.130	24.93	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	21.09	1:1	2.400	21.27	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	21.31	1:1	2.430	21.43	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	2.590	21.33	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	21.12	1:1	2.400	21.30	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.17	1:1	2.420	21.31	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.50	1:1	2.530	21.45	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	100	0	21.41	1:1	2.520	21.38	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.319	30.42	

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Table A-66
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]	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	0	23.29	1:1	0.977	27.37	27.18
1860.00	26140	Low	back	8 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.776	27.42	
1860.00	26140	Low	front	6 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	1.020	27.18	
1860.00	26140	Low	front	6 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.813	27.22	
1860.00	26140	Low	bottom	11 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.827	28.09	
1860.00	26140	Low	bottom	11 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.709	27.81	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.251	33.27	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.199	33.33	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.813	28.17	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.592	28.60	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	1.340	24.42	21.53
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	1.520	23.87	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	2.530	21.66	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.40	1:1	2.290	21.78	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.42	1:1	2.180	22.01	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.60	1:1	2.520	21.57	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.35	1:1	2.350	21.62	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.46	1:1	2.220	21.98	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	100	0	21.56	1:1	2.520	21.53	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	0.387	29.81	

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Table A-67
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]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
2310.00	27710	Mid	back	8 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.579	28.93	26.54
2310.00	27710	Mid	back	8 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.541	28.22	
2310.00	27710	Mid	front	6 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.705	28.08	
2310.00	27710	Mid	front	6 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.561	28.06	
2310.00	27710	Mid	bottom	11 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	1.000	26.56	
2310.00	27710	Mid	bottom	11 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.796	26.54	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.146	34.92	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.113	35.02	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.537	29.26	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.419	29.33	
2310.00	27710	Mid	back	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	1.110	23.19	20.83
2310.00	27710	Mid	front	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	1.260	22.64	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	1.910	20.83	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	25	0	19.63	1:1	1.810	21.03	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	50	0	19.51	1:1	1.810	20.91	
2310.00	27710	Mid	left	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	0.186	30.94	

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Table A-68
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2560.00	21350	High	back	8 mm	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.477	30.18	24.63
2560.00	21350	High	back	8 mm	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.392	30.01	
2560.00	21350	High	front	6 mm	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.463	30.31	
2560.00	21350	High	front	6 mm	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.373	30.22	
2560.00	21350	High	bottom	11 mm	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	0.332	31.76	
2560.00	21350	High	bottom	11 mm	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	0.260	31.79	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	20	QPSK	1	50	22.88	1:1	1.560	24.93	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	1	50	22.75	1:1	1.620	24.63	
2560.00	21350	High	left	0 mm	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	1.670	24.74	
2560.00	21350	High	left	0 mm	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	1.320	24.73	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	100	0	21.92	1:1	1.280	24.83	
2510.00	20850	Low	back	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	1.300	22.78	
2510.00	20850	Low	front	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	1.210	23.09	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	1	0	19.91	1:1	1.800	21.34	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	1	99	19.67	1:1	1.540	21.77	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	1	50	19.60	1:1	1.610	21.51	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	1.800	21.37	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	50	25	19.61	1:1	1.650	21.41	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	50	0	19.57	1:1	1.620	21.45	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	100	0	19.84	1:1	1.790	21.29	
2510.00	20850	Low	left	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	0.220	30.50	

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Table A-69
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2549.50	40185	Low-Mid	back	8 mm	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.346	30.47	24.42
2549.50	40185	Low-Mid	back	8 mm	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.281	30.38	
2549.50	40185	Low-Mid	front	6 mm	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.309	30.96	
2549.50	40185	Low-Mid	front	6 mm	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.254	30.82	
2549.50	40185	Low-Mid	bottom	11 mm	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	0.224	32.35	
2549.50	40185	Low-Mid	bottom	11 mm	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.183	32.24	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	20	QPSK	1	50	23.73	1:1.58	1.350	24.42	
2549.50	40185	Low-Mid	left	0 mm	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	1.200	25.07	
2593.00	40620	Mid	left	0 mm	LTE Band 41	B	20	QPSK	1	0	23.54	1:1.58	1.280	24.47	
2636.50	41055	Mid-High	left	0 mm	LTE Band 41	B	20	QPSK	1	99	23.44	1:1.58	1.250	24.46	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	1	50	23.70	1:1.58	1.300	24.56	
2549.50	40185	Low-Mid	left	0 mm	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.958	25.05	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	20	QPSK	100	0	22.84	1:1.58	1.090	24.46	
2506.00	39750	Low	back	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	1.490	22.49	
2506.00	39750	Low	front	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	1.190	23.47	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	2.350	20.51	
2506.00	39750	Low	left	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	0.225	30.70	

Table A-70
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	1.410	21.48	19.75
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.998	22.98	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	2.100	19.75	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.358	27.44	

Table A-71
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	104	24.58	1:1	0.358	33.02	31.59
680.50	136100	Mid	front	6 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.302	33.76	
680.50	136100	Mid	bottom	11 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.118	37.84	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.210	35.34	
680.50	136100	Mid	left	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.498	31.59	

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Table A-72
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	24.39	1:1	0.412	32.22	32.09
707.50	141500	Mid	front	6 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.349	32.94	
707.50	141500	Mid	bottom	11 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.095	38.59	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.224	34.87	
707.50	141500	Mid	left	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.425	32.09	

Table A-73
DSI = 0 P_{Limit} Calculations – NR Band n26 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)														
831.50	166300	Mid	back	8 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.412	31.66	29.37
831.50	166300	Mid	front	6 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.368	32.15	
831.50	166300	Mid	bottom	11 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.070	39.36	
831.50	166300	Mid	right	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.222	34.35	
831.50	166300	Mid	left	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.698	29.37	

Table A-74
DSI = 0 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1745.00	349000	Mid	back	8 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.746	28.58	27.75
1745.00	349000	Mid	back	8 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.774	28.52	
1745.00	349000	Mid	front	6 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.861	27.96	
1745.00	349000	Mid	front	6 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.884	27.95	
1745.00	349000	Mid	bottom	11 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.888	27.83	
1745.00	349000	Mid	bottom	11 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.925	27.75	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.354	31.82	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.368	31.75	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.708	28.81	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.707	28.92	
1745.00	349000	Mid	back	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.801	26.01	20.79
1745.00	349000	Mid	front	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	1.180	24.33	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	2.520	21.04	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	21.07	1:1	2.580	20.93	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	216	0	21.06	1:1	2.610	20.87	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	21.04	1:1	2.650	20.79	
1745.00	349000	Mid	left	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.297	30.32	

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Table A-75
DSI = 0 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
1882.50	376500	Mid	back	8 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.709	29.20	26.96
1882.50	376500	Mid	back	8 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.810	28.71	
1882.50	376500	Mid	front	6 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.974	27.82	
1882.50	376500	Mid	front	6 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	1.120	27.30	
1882.50	376500	Mid	bottom	11 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.939	27.98	
1882.50	376500	Mid	bottom	11 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	1.210	26.96	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.240	33.91	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.287	33.21	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.697	29.28	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.687	29.42	
1882.50	376500	Mid	back	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	1.345	24.74	22.65
1882.50	376500	Mid	front	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	1.510	24.24	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	2.180	22.65	
1882.50	376500	Mid	left	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	0.400	30.01	

Table A-76
DSI = 0 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2310.00	462000	Mid	back	8 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.437	30.20	28.42
2310.00	462000	Mid	back	8 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.481	29.74	
2310.00	462000	Mid	front	6 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.578	28.98	
2310.00	462000	Mid	front	6 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.652	28.42	
2310.00	462000	Mid	bottom	11 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.575	29.00	
2310.00	462000	Mid	bottom	11 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.621	28.63	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.121	35.77	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.136	35.22	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.334	31.36	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.346	31.17	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	1.100	23.08	21.12
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	1.220	22.63	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	19.43	1:1	1.570	21.45	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	1.600	21.45	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	50	0	19.42	1:1	1.570	21.44	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.29	1:1	1.640	21.12	
2310.00	462000	Mid	left	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	0.179	30.96	

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Table A-77
DSI = 0 P_{Limit} Calculations – NR Band n7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g) (W/kg)	Plimit	Overall Plimit	
MHz	Ch.															
2535.00	507000	Mid	back	8 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.511	29.50	24.08
2535.00	507000	Mid	back	8 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.496	29.77	
2535.00	507000	Mid	front	6 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.352	31.11	
2535.00	507000	Mid	front	6 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.412	30.57	
2535.00	507000	Mid	bottom	11 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	0.255	32.51	
2535.00	507000	Mid	bottom	11 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	0.287	32.14	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	1.780	24.08	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	1.800	24.17	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	21.72	1:1	1.440	24.12	
2535.00	507000	Mid	back	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	1.350	22.91	
2535.00	507000	Mid	front	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	1.250	23.24	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	2.300	20.59	
2535.00	507000	Mid	left	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	0.240	30.41	

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Table A-78
DSI = 0 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Path	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1.690	21.26	21.26
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1.360	22.20	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1.440	21.96	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.58	1.470	21.89	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	270	0	19.46	1.530	21.59	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	19.44	1.520	21.60	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	0.260	29.39	19.83
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	16.02	1.040	19.83	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	16.02	0.842	20.75	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	16.02	0.875	20.58	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 2	100	CW/SRS	N/A	N/A	N/A	16.02	0.158	28.01	19.80
2592.99	518598	Mid	back	8 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	15.62	0.254	25.55	
2592.99	518598	Mid	front	6 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	15.62	0.296	24.89	
2592.99	518598	Mid	bottom	11 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	15.62	0.226	26.06	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	Path 1	100	CW/SRS	N/A	N/A	N/A	15.62	0.956	19.80	24.59
2592.99	518598	Mid	back	8 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	0.366	29.79	
2592.99	518598	Mid	front	6 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	0.595	27.75	
2592.99	518598	Mid	bottom	11 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	0.408	29.31	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1.210	24.59	25.15
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	0.481	25.18	
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	0.484	25.15	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	0.351	26.55	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	0.386	26.13	
2592.99	518598	Mid	left	0 mm	NR Band n41	E	Path 1	100	CW/SRS	N/A	N/A	N/A	18.02	0.000	62.00	26.56
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	18.02	0.331	26.80	
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	18.02	0.350	26.56	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	18.02	0.230	28.38	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	18.02	0.286	27.44	
2592.99	518598	Mid	left	0 mm	NR Band n41	E	Path 2	100	CW/SRS	N/A	N/A	N/A	18.02	0.000	62.00	29.21
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	12.94	0.025	32.94	
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	12.94	0.059	29.21	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	12.94	0.000	56.92	
2592.99	518598	Mid	right	0 mm	NR Band n41	D	Path 1	100	CW/SRS	N/A	N/A	N/A	12.94	0.000	56.92	23.79
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	0.536	23.79	
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	0.092	31.44	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	0.198	28.11	
2592.99	518598	Mid	right	0 mm	NR Band n41	D	Path 2	100	CW/SRS	N/A	N/A	N/A	17.10	0.023	37.46	

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Table A-79
DSI = 0 P_{Limit} Calculations – NR Band n48 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)			
3624.99	641666	Mid	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	1.290	21.83	21.15
3624.99	641666	Mid	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.693	24.53	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	1.510	21.15	
3624.99	641666	Mid	left	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.248	29.00	
3570.00	638000	Low	back	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.495	22.70	22.70
3570.00	638000	Low	front	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.234	25.96	
3570.00	638000	Low	bottom	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.083	30.46	
3570.00	638000	Low	left	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.313	24.69	
3570.00	638000	Low	back	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	1.340	18.56	18.37
3570.00	638000	Low	front	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	1.400	18.37	
3570.00	638000	Low	top	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.019	37.04	
3570.00	638000	Low	left	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.339	24.53	
3570.00	638000	Low	back	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.489	21.01	21.01
3570.00	638000	Low	front	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.096	28.08	
3570.00	638000	Low	bottom	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.131	26.73	
3570.00	638000	Low	right	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.046	31.27	

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Table A-80
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)	P _{limit}	Overall P _{limit}				
MHz	Ch.	(W/kg)																		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.596	23.55	23.55				
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.340	25.99		23.55			
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.544	23.94			23.55		
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.110	30.89				23.55	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.424	21.59	21.59				
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.220	24.44		21.59			
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.294	23.18			21.59		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.889	18.30				17.83	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.990	17.83	17.83				
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.000	57.79		17.83			
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.224	24.29			17.83		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.427	20.09				20.09	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.076	27.58	20.09				
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.077	27.52		20.09			
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.045	29.86			20.09		
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.747	23.25				20.68	
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	17.71	1:1	0.693	23.28	20.68				
3930.00	662000	High	back	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	17.48	1:1	0.627	23.49		20.68			
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.526	24.77			20.68		
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	1.350	20.68					20.68
3930.00	662000	High	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.336	26.72					
3750.00	650000	Low	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.229	23.73				22.97	
3750.00	650000	Low	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.174	24.92	22.97				
3750.00	650000	Low	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.084	28.09		22.97			
3750.00	650000	Low	left	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.273	22.97			22.97		
3930.00	662000	High	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.383	21.75				21.54	
3930.00	662000	High	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.402	21.54	21.54				
3930.00	662000	High	top	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.000	57.58		21.54			
3930.00	662000	High	left	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.107	27.29			21.54		
3930.00	662000	High	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.263	21.41				21.41	
3930.00	662000	High	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.024	31.81	21.41				
3930.00	662000	High	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.026	31.46		21.41			
3930.00	662000	High	right	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.017	33.31			21.41		

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Table A-81
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	29.17	1:2.76	1.450	27.11	27.11
836.60	190	front	0 mm	GSM 850	GPRS	A	3	29.17	1:2.76	1.120	28.23	
836.60	190	bottom	0 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.729	30.09	
836.60	190	right	0 mm	GSM 850	GPRS	A	3	29.17	1:2.76	0.379	32.93	
836.60	190	left	0 mm	GSM 850	GPRS	A	3	29.17	1:2.76	1.024	28.62	
1850.20	512	back	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	1.870	23.23	23.23
1850.20	512	front	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	1.610	23.88	
1850.20	512	bottom	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	1.690	23.67	
1850.20	512	right	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.147	34.28	
1850.20	512	left	0 mm	GSM 1900	GPRS	A	3	26.40	1:2.76	0.352	30.48	

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Table A-82
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)		
836.60	4183	back	0 mm	UMTS 850	RMC	A	24.22	1:1	1.310	27.03	27.03
836.60	4183	front	0 mm	UMTS 850	RMC	A	24.22	1:1	1.150	27.59	
836.60	4183	bottom	0 mm	UMTS 850	RMC	A	24.22	1:1	0.862	28.84	
836.60	4183	right	0 mm	UMTS 850	RMC	A	24.22	1:1	0.303	33.38	
836.60	4183	left	0 mm	UMTS 850	RMC	A	24.22	1:1	0.752	29.44	
1712.40	1312	back	0 mm	UMTS 1750	RMC	A	21.81	1:1	2.480	21.84	21.09
1732.40	1412	back	0 mm	UMTS 1750	RMC	A	21.78	1:1	2.320	22.10	
1752.60	1513	back	0 mm	UMTS 1750	RMC	A	21.70	1:1	2.390	21.90	
1712.40	1312	front	0 mm	UMTS 1750	RMC	A	21.81	1:1	1.880	23.05	
1712.40	1312	bottom	0 mm	UMTS 1750	RMC	A	21.81	1:1	2.880	21.20	
1732.40	1412	bottom	0 mm	UMTS 1750	RMC	A	21.78	1:1	2.730	21.40	
1752.60	1513	bottom	0 mm	UMTS 1750	RMC	A	21.70	1:1	2.880	21.09	
1732.40	1412	right	0 mm	UMTS 1750	RMC	A	23.31	1:1	0.257	33.19	
1732.40	1412	left	0 mm	UMTS 1750	RMC	A	23.31	1:1	0.420	31.06	
1852.40	9262	back	0 mm	UMTS 1900	RMC	A	21.86	1:1	2.470	21.91	21.73
1880.00	9400	back	0 mm	UMTS 1900	RMC	A	21.78	1:1	2.120	22.50	
1907.60	9538	back	0 mm	UMTS 1900	RMC	A	21.80	1:1	2.170	22.41	
1852.40	9262	front	0 mm	UMTS 1900	RMC	A	21.86	1:1	1.950	22.94	
1880.00	9400	front	0 mm	UMTS 1900	RMC	A	21.78	1:1	1.740	23.35	
1907.60	9538	front	0 mm	UMTS 1900	RMC	A	21.80	1:1	1.680	23.53	
1852.40	9262	bottom	0 mm	UMTS 1900	RMC	A	21.86	1:1	2.490	21.88	
1880.00	9400	bottom	0 mm	UMTS 1900	RMC	A	21.78	1:1	2.530	21.73	
1907.60	9538	bottom	0 mm	UMTS 1900	RMC	A	21.80	1:1	2.390	22.00	
1852.40	9262	right	0 mm	UMTS 1900	RMC	A	23.27	1:1	0.314	32.28	
1852.40	9262	left	0 mm	UMTS 1900	RMC	A	23.27	1:1	0.641	29.18	

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Table A-83
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]	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	0	24.54	1:1	1.370	27.15	27.09
680.50	133297	Mid	front	0 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	1.390	27.09	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.947	28.76	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.200	35.51	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	20	QPSK	1	0	24.54	1:1	0.498	31.55	

Table A-84
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]	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	25	24.68	1:1	1.700	26.35	26.35
707.50	23095	Mid	front	0 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	1.560	26.73	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.996	28.68	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.230	35.04	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	25	24.68	1:1	0.475	31.89	

Table A-85
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]	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	24.43	1:1	1.390	26.98	26.98
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	1.090	28.04	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.735	29.75	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.248	34.46	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.43	1:1	0.589	30.71	

Table A-86
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]	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	25	24.45	1:1	1.390	27.00	27.00
793.00	23330	Mid	front	0 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	1.120	27.94	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.827	29.25	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.246	34.52	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	10	QPSK	1	25	24.45	1:1	0.675	30.14	

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Table A-87
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
831.50	26865	Md	back	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	1.440	26.80	26.80
831.50	26865	Md	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	1.230	27.48	
831.50	26865	Md	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.879	28.94	
831.50	26865	Md	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.258	34.26	
831.50	26865	Md	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.40	1:1	0.794	29.38	

Table A-88
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
836.50	20525	Md	back	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	1.450	26.94	26.94
836.50	20525	Md	front	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	1.240	27.62	
836.50	20525	Md	bottom	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.923	28.90	
836.50	20525	Md	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.299	33.79	
836.50	20525	Md	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	0	24.57	1:1	0.777	29.65	

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Table A-89
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]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.	(W/kg)													
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	21.26	1:1	2.250	21.72	21.19
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	21.28	1:1	2.340	21.57	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	21.13	1:1	2.180	21.72	
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.22	1:1	2.280	21.62	
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	21.24	1:1	2.300	21.60	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.07	1:1	2.290	21.45	
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	21.23	1:1	2.310	21.57	
1720.00	132072	Low	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	21.26	1:1	2.010	22.21	
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	21.28	1:1	1.980	22.29	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	21.13	1:1	1.640	22.96	
1720.00	132072	Low	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.22	1:1	2.020	22.15	
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	21.24	1:1	1.930	22.36	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.07	1:1	1.740	22.64	
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	21.23	1:1	1.890	22.44	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	21.26	1:1	2.460	21.33	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	21.28	1:1	2.510	21.26	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	21.13	1:1	2.080	21.93	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.22	1:1	2.520	21.19	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	21.24	1:1	2.490	21.26	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	21.07	1:1	2.170	21.68	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	21.23	1:1	2.470	21.28	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.325	32.35	
1720.00	132072	Low	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.258	32.22	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.49	1:1	0.787	28.51	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.36	1:1	0.638	28.29	
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.794	26.46	
1770.00	132572	High	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	1.130	24.93	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	21.09	1:1	2.400	21.27	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	21.31	1:1	2.430	21.43	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	2.590	21.33	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	21.12	1:1	2.400	21.30	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.17	1:1	2.420	21.31	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	21.50	1:1	2.530	21.45	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	100	0	21.41	1:1	2.520	21.38	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	21.48	1:1	0.319	30.42	

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Table A-90
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]	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	1:1	2.110	22.58	21.57
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	21.69	1:1	2.190	22.26	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	21.77	1:1	2.370	22.00	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.83	1:1	2.190	22.40	
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.77	1:1	2.190	22.34	
1905.00	26590	High	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	21.72	1:1	2.260	22.16	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	21.82	1:1	2.290	22.20	
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.84	1:1	1.960	22.90	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	21.69	1:1	2.010	22.64	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	21.77	1:1	2.060	22.61	
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.83	1:1	2.030	22.73	
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.77	1:1	2.070	22.59	
1905.00	26590	High	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	21.72	1:1	2.040	22.60	
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	21.82	1:1	2.020	22.75	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	99	21.84	1:1	2.270	22.26	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	50	21.69	1:1	2.430	21.81	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	21.77	1:1	2.550	21.68	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.83	1:1	2.340	22.12	
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	21.77	1:1	2.430	21.89	
1905.00	26590	High	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	21.72	1:1	2.590	21.57	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	21.82	1:1	2.340	22.11	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.251	33.27	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.199	33.33	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	23.29	1:1	0.813	28.17	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.34	1:1	0.592	28.60	
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	1.340	24.42	21.53
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	1.520	23.87	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	2.530	21.66	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.40	1:1	2.290	21.78	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.42	1:1	2.180	22.01	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.60	1:1	2.520	21.57	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.35	1:1	2.350	21.62	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	21.46	1:1	2.220	21.98	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	100	0	21.56	1:1	2.520	21.53	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	0	21.71	1:1	0.387	29.81	

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Table A-91
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]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
2310.00	27710	Mid	back	0 mm	LTE Band 30	A	10	QPSK	1	25	20.53	1:1	1.980	21.54	21.54
2310.00	27710	Mid	back	0 mm	LTE Band 30	A	10	QPSK	25	12	20.57	1:1	1.900	21.76	
2310.00	27710	Mid	back	0 mm	LTE Band 30	A	10	QPSK	50	0	20.52	1:1	1.930	21.64	
2310.00	27710	Mid	front	0 mm	LTE Band 30	A	10	QPSK	1	25	20.53	1:1	1.830	21.88	
2310.00	27710	Mid	front	0 mm	LTE Band 30	A	10	QPSK	25	12	20.57	1:1	1.850	21.88	
2310.00	27710	Mid	front	0 mm	LTE Band 30	A	10	QPSK	50	0	20.52	1:1	1.840	21.85	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	A	10	QPSK	1	25	20.53	1:1	1.580	22.52	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	A	10	QPSK	25	12	20.57	1:1	1.660	22.35	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	A	10	QPSK	50	0	20.52	1:1	1.650	22.32	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.146	34.92	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.113	35.02	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	1	25	22.58	1:1	0.537	29.26	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	25	25	21.57	1:1	0.419	29.33	
2310.00	27710	Mid	back	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	1.110	23.19	
2310.00	27710	Mid	front	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	1.260	22.64	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	1.910	20.83	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	25	0	19.63	1:1	1.810	21.03	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	50	0	19.51	1:1	1.810	20.91	
2310.00	27710	Mid	left	0 mm	LTE Band 30	F	10	QPSK	1	0	19.66	1:1	0.186	30.94	

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Table A-92
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2510.00	20850	Low	back	0 mm	LTE Band 7	B	20	QPSK	1	50	21.37	1:1	2.070	22.19	22.19
2535.00	21100	Mid	back	0 mm	LTE Band 7	B	20	QPSK	1	0	21.30	1:1	1.850	22.61	
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	1	99	21.49	1:1	1.820	22.87	
2510.00	20850	Low	back	0 mm	LTE Band 7	B	20	QPSK	50	25	21.43	1:1	1.830	22.78	
2535.00	21100	Mid	back	0 mm	LTE Band 7	B	20	QPSK	50	25	21.41	1:1	1.920	22.56	
2560.00	21350	High	back	0 mm	LTE Band 7	B	20	QPSK	50	50	21.44	1:1	1.860	22.72	
2535.00	21100	Mid	back	0 mm	LTE Band 7	B	20	QPSK	100	0	21.43	1:1	1.880	22.67	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	1	99	21.49	1:1	1.430	23.92	
2560.00	21350	High	front	0 mm	LTE Band 7	B	20	QPSK	50	50	21.44	1:1	1.440	23.84	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	1	99	21.49	1:1	1.300	24.33	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	50	50	21.44	1:1	1.330	24.18	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	20	QPSK	1	50	22.88	1:1	1.560	24.93	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	1	50	22.75	1:1	1.620	24.63	
2560.00	21350	High	left	0 mm	LTE Band 7	B	20	QPSK	1	50	22.99	1:1	1.670	24.74	
2560.00	21350	High	left	0 mm	LTE Band 7	B	20	QPSK	50	50	21.96	1:1	1.320	24.73	
2535.00	21100	Mid	left	0 mm	LTE Band 7	B	20	QPSK	100	0	21.92	1:1	1.280	24.83	
2510.00	20850	Low	back	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	1.300	22.78	21.29
2510.00	20850	Low	front	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	1.210	23.09	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	1	0	19.91	1:1	1.800	21.34	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	1	99	19.67	1:1	1.540	21.77	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	1	50	19.60	1:1	1.610	21.51	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	1.800	21.37	
2535.00	21100	Mid	top	0 mm	LTE Band 7	F	20	QPSK	50	25	19.61	1:1	1.650	21.41	
2560.00	21350	High	top	0 mm	LTE Band 7	F	20	QPSK	50	0	19.57	1:1	1.620	21.45	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	100	0	19.84	1:1	1.790	21.29	
2510.00	20850	Low	left	0 mm	LTE Band 7	F	20	QPSK	50	0	19.94	1:1	0.220	30.50	

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Table A-93
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]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
2506.00	39750	Low	back	0 mm	LTE Band 41	B	20	QPSK	1	0	23.10	1:1.58	1.580	23.11	21.46
2549.50	40185	Low-Mid	back	0 mm	LTE Band 41	B	20	QPSK	1	50	23.20	1:1.58	1.940	22.32	
2593.00	40620	Mid	back	0 mm	LTE Band 41	B	20	QPSK	1	0	23.04	1:1.58	1.750	22.61	
2636.50	41055	Mid-High	back	0 mm	LTE Band 41	B	20	QPSK	1	99	22.91	1:1.58	1.780	22.40	
2680.00	41490	High	back	0 mm	LTE Band 41	B	20	QPSK	1	0	23.05	1:1.58	1.570	23.09	
2506.00	39750	Low	back	0 mm	LTE Band 41	B	20	QPSK	50	25	23.05	1:1.58	1.480	23.34	
2549.50	40185	Low-Mid	back	0 mm	LTE Band 41	B	20	QPSK	50	25	23.09	1:1.58	1.760	22.63	
2593.00	40620	Mid	back	0 mm	LTE Band 41	B	20	QPSK	50	25	22.90	1:1.58	1.630	22.77	
2636.50	41055	Mid-High	back	0 mm	LTE Band 41	B	20	QPSK	50	50	22.78	1:1.58	1.670	22.55	
2680.00	41490	High	back	0 mm	LTE Band 41	B	20	QPSK	50	0	22.93	1:1.58	2.220	21.46	
2549.50	40185	Low-Mid	back	0 mm	LTE Band 41	B	20	QPSK	100	0	23.06	1:1.58	1.720	22.70	
2549.50	40185	Low-Mid	front	0 mm	LTE Band 41	B	20	QPSK	1	50	23.20	1:1.58	0.994	25.22	
2549.50	40185	Low-Mid	front	0 mm	LTE Band 41	B	20	QPSK	50	25	23.09	1:1.58	0.969	25.22	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	23.10	1:1.58	1.180	24.38	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	23.20	1:1.58	1.230	24.30	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	23.04	1:1.58	1.200	24.24	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	99	22.91	1:1.58	1.330	23.67	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	23.05	1:1.58	1.470	23.37	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	23.05	1:1.58	1.140	24.48	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	23.09	1:1.58	1.220	24.22	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	22.90	1:1.58	1.160	24.25	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	50	22.78	1:1.58	1.260	23.77	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	50	22.93	1:1.58	1.470	23.25	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	100	0	23.06	1:1.58	1.190	24.30	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	20	QPSK	1	50	23.73	1:1.58	1.350	24.42	
2549.50	40185	Low-Mid	left	0 mm	LTE Band 41	B	20	QPSK	1	50	23.86	1:1.58	1.200	25.07	
2593.00	40620	Mid	left	0 mm	LTE Band 41	B	20	QPSK	1	0	23.54	1:1.58	1.280	24.47	
2636.50	41055	Mid-High	left	0 mm	LTE Band 41	B	20	QPSK	1	99	23.44	1:1.58	1.250	24.46	
2680.00	41490	High	left	0 mm	LTE Band 41	B	20	QPSK	1	50	23.70	1:1.58	1.300	24.56	
2549.50	40185	Low-Mid	left	0 mm	LTE Band 41	B	20	QPSK	50	25	22.87	1:1.58	0.958	25.05	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	20	QPSK	100	0	22.84	1:1.58	1.090	24.46	
2506.00	39750	Low	back	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	1.490	22.49	20.51
2506.00	39750	Low	front	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	1.190	23.47	
2506.00	39750	Low	top	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	2.350	20.51	
2506.00	39750	Low	left	0 mm	LTE Band 41	F	20	QPSK	1	0	22.23	1:1.58	0.225	30.70	

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Table A-94
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]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	1.410	21.48	19.75
3646.70	56207	Mid-High	front	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.998	22.98	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	2.100	19.75	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	F	20	QPSK	50	25	20.98	1:1.58	0.358	27.44	

Table A-95
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	104	24.58	1:1	1.325	27.34	27.29
680.50	136100	Mid	front	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	1.340	27.29	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.914	28.95	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.210	35.34	
680.50	136100	Mid	left	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	104	24.58	1:1	0.498	31.59	

Table A-96
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	24.39	1:1	1.654	26.18	26.18
707.50	141500	Mid	front	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	1.512	26.57	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.954	28.57	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.224	34.87	
707.50	141500	Mid	left	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	1	24.39	1:1	0.425	32.09	

Table A-97
DSI = 1 P_{Limit} Calculations – NR Band n26 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)														
831.50	166300	Mid	back	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	1.380	26.41	26.41
831.50	166300	Mid	front	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	1.180	27.09	
831.50	166300	Mid	bottom	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.824	28.65	
831.50	166300	Mid	right	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.222	34.35	
831.50	166300	Mid	left	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	23.83	1:1	0.698	29.37	

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Table A-98
DSI = 1 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	21.36	1:1	1.810	22.76	21.97
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	21.55	1:1	2.140	22.23	
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	216	0	21.33	1:1	2.160	21.97	
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	21.46	1:1	2.130	22.16	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	21.36	1:1	1.580	23.35	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	21.55	1:1	1.570	23.57	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	1	21.36	1:1	2.060	22.20	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	0	21.55	1:1	2.080	22.35	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	216	0	21.33	1:1	2.060	22.17	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.354	31.82	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.368	31.75	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.33	1:1	0.708	28.81	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.43	1:1	0.707	28.92	
1745.00	349000	Mid	back	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.801	26.01	
1745.00	349000	Mid	front	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	1.180	24.33	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	2.520	21.04	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	21.07	1:1	2.580	20.93	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	216	0	21.06	1:1	2.610	20.87	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	21.04	1:1	2.650	20.79	
1745.00	349000	Mid	left	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	1	21.07	1:1	0.297	30.32	

Table A-99
DSI = 1 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
1882.50	376500	Mid	back	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	21.88	1:1	2.330	22.19	21.85
1882.50	376500	Mid	back	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	21.91	1:1	2.320	22.24	
1882.50	376500	Mid	back	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	216	0	21.87	1:1	2.250	22.33	
1882.50	376500	Mid	front	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	21.88	1:1	1.260	24.86	
1882.50	376500	Mid	front	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	21.91	1:1	1.210	25.06	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	21.88	1:1	2.520	21.85	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	21.91	1:1	2.460	21.98	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	216	0	21.87	1:1	2.480	21.91	
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	21.43	1:1	2.140	22.11	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.240	33.91	
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.287	33.21	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.73	1:1	0.697	29.28	
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.81	1:1	0.687	29.42	
1882.50	376500	Mid	back	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	1.345	24.74	
1882.50	376500	Mid	front	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	1.510	24.24	
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	2.180	22.65	
1882.50	376500	Mid	left	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	54	22.05	1:1	0.400	30.01	

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Table A-100
DSI = 1 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	20.55	1:1	1.440	22.95	21.82
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	27	20.65	1:1	1.370	23.26	
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	50	0	20.54	1:1	1.360	23.18	
2310.00	462000	Mid	front	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	20.55	1:1	1.610	22.46	
2310.00	462000	Mid	front	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	27	20.65	1:1	1.810	22.05	
2310.00	462000	Mid	front	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	50	0	20.54	1:1	1.840	21.87	
2310.00	462000	Mid	front	0 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	20.46	1:1	1.830	21.82	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	20.55	1:1	1.360	23.19	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	27	20.65	1:1	1.740	22.22	
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	50	0	20.54	1:1	1.790	21.99	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.121	35.77	
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.136	35.22	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	26	22.62	1:1	0.334	31.36	
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	22.58	1:1	0.346	31.17	
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	1.100	23.08	21.12
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	1.220	22.63	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	19.43	1:1	1.570	21.45	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	1.600	21.45	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	50	0	19.42	1:1	1.570	21.44	
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	19.29	1:1	1.640	21.12	
2310.00	462000	Mid	left	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	19.51	1:1	0.179	30.96	

Table A-101
DSI = 1 P_{Limit} Calculations – NR Band n7 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	21.14	1:1	1.880	22.38	22.38
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	21.33	1:1	1.890	22.55	
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	21.13	1:1	1.820	22.51	
2535.00	507000	Mid	back	0 mm	NR Band n7	B	40	CP-OFDM	QPSK	1	1	21.00	1:1	1.730	22.60	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	21.14	1:1	1.360	23.78	
2535.00	507000	Mid	front	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	21.33	1:1	1.310	24.14	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	21.14	1:1	1.490	23.39	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	21.33	1:1	1.530	23.46	
2535.00	507000	Mid	bottom	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	21.13	1:1	1.530	23.26	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	1	108	22.60	1:1	1.780	24.08	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	108	54	22.74	1:1	1.800	24.17	
2535.00	507000	Mid	left	0 mm	NR Band n7	B	40	DFT-S-OFDM	QPSK	216	0	21.72	1:1	1.440	24.12	
2535.00	507000	Mid	back	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	1.350	22.91	20.59
2535.00	507000	Mid	front	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	1.250	23.24	
2535.00	507000	Mid	top	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	2.300	20.59	
2535.00	507000	Mid	left	0 mm	NR Band n7	F	40	DFT-S-OFDM	QPSK	108	0	20.23	1:1	0.240	30.41	

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Table A-102
DSI = 1 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Path	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1.690	21.26	21.26
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1.360	22.20	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	137	19.56	1.440	21.96	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	135	69	19.58	1.470	21.89	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	270	0	19.46	1.530	21.59	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 1	100	CP-OFDM	QPSK	1	1	19.44	1.520	21.60	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 1	100	DFT-S-OFDM	QPSK	1	1	16.02	0.260	25.85	19.83
2592.99	518598	Mid	back	0 mm	NR Band n41	F	Path 2	100	CW/SRS	NA	N/A	N/A	16.02	1.040	19.83	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	Path 2	100	CW/SRS	NA	N/A	N/A	16.02	0.842	20.75	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	Path 2	100	CW/SRS	NA	N/A	N/A	16.02	0.875	20.58	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	Path 2	100	CW/SRS	NA	N/A	N/A	19.56	0.158	31.55	17.70
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 1	100	CW/SRS	NA	N/A	N/A	15.62	1.090	19.23	
2592.99	518598	Mid	front	0 mm	NR Band n41	B	Path 1	100	CW/SRS	NA	N/A	N/A	15.62	1.180	18.88	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 1	100	CW/SRS	NA	N/A	N/A	15.62	1.550	17.70	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	Path 1	100	CW/SRS	NA	N/A	N/A	15.62	0.956	19.80	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	2.100	22.20	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	2.050	22.27	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	270	0	21.25	2.010	22.20	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	Path 2	100	CP-OFDM	QPSK	1	1	21.32	1.990	22.31	
2592.99	518598	Mid	front	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1.710	23.09	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1.310	24.25	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	135	0	21.41	1.390	23.96	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	270	0	21.25	1.420	23.71	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	Path 2	100	DFT-s-OFDM	QPSK	1	1	21.44	1.210	24.59	25.15
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 1	100	CW/SRS	NA	N/A	N/A	18.02	0.481	25.18	
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 1	100	CW/SRS	NA	N/A	N/A	18.02	0.484	25.15	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 1	100	CW/SRS	NA	N/A	N/A	18.02	0.351	26.55	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 1	100	CW/SRS	NA	N/A	N/A	18.02	0.386	26.13	
2592.99	518598	Mid	left	0 mm	NR Band n41	E	Path 1	100	CW/SRS	NA	N/A	N/A	18.02	0.000	62.00	
2592.99	518598	Mid	back	0 mm	NR Band n41	E	Path 2	100	CW/SRS	NA	N/A	N/A	18.02	0.331	26.80	26.56
2592.99	518598	Mid	front	0 mm	NR Band n41	E	Path 2	100	CW/SRS	NA	N/A	N/A	18.02	0.350	26.56	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	Path 2	100	CW/SRS	NA	N/A	N/A	18.02	0.230	28.38	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	Path 2	100	CW/SRS	NA	N/A	N/A	18.02	0.286	27.44	
2592.99	518598	Mid	left	0 mm	NR Band n41	E	Path 2	100	CW/SRS	NA	N/A	N/A	18.02	0.000	62.00	
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 1	100	CW/SRS	NA	N/A	N/A	12.94	0.025	32.94	29.21
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 1	100	CW/SRS	NA	N/A	N/A	12.94	0.059	29.21	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	Path 1	100	CW/SRS	NA	N/A	N/A	12.94	0.000	56.92	
2592.99	518598	Mid	right	0 mm	NR Band n41	D	Path 1	100	CW/SRS	NA	N/A	N/A	12.94	0.000	56.92	
2592.99	518598	Mid	back	0 mm	NR Band n41	D	Path 2	100	CW/SRS	NA	N/A	N/A	17.10	0.536	23.79	23.79
2592.99	518598	Mid	front	0 mm	NR Band n41	D	Path 2	100	CW/SRS	NA	N/A	N/A	17.10	0.092	31.44	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	Path 2	100	CW/SRS	NA	N/A	N/A	17.10	0.198	28.11	
2592.99	518598	Mid	right	0 mm	NR Band n41	D	Path 2	100	CW/SRS	NA	N/A	N/A	17.10	0.023	37.46	

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Table A-103
DSI = 1 P_{Limit} Calculations – NR Band n48 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)			
3624.99	641666	Mid	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	1.290	21.83	21.15
3624.99	641666	Mid	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.693	24.53	
3624.99	641666	Mid	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	1.510	21.15	
3624.99	641666	Mid	left	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	53	18.96	1:1	0.248	29.00	
3570.00	638000	Low	back	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.495	22.70	18.37
3570.00	638000	Low	front	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.234	25.96	
3570.00	638000	Low	bottom	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.083	30.46	
3570.00	638000	Low	left	0 mm	NR Band n48	C	40	CW/SRS	N/A	N/A	N/A	15.67	1:1	0.313	24.69	
3570.00	638000	Low	back	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	1.340	18.56	18.37
3570.00	638000	Low	front	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	1.400	18.37	
3570.00	638000	Low	top	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.019	37.04	
3570.00	638000	Low	left	0 mm	NR Band n48	I	40	CW/SRS	N/A	N/A	N/A	15.85	1:1	0.339	24.53	
3570.00	638000	Low	back	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.489	21.01	21.01
3570.00	638000	Low	front	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.096	28.08	
3570.00	638000	Low	bottom	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.131	26.73	
3570.00	638000	Low	right	0 mm	NR Band n48	D	40	CW/SRS	N/A	N/A	N/A	13.92	1:1	0.046	31.27	

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Table A-104
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)	P _{limit}	Overall P _{limit}		
MHz	Ch.	(W/kg)																
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.596	23.55	23.55		
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.340	25.99		21.59	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.544	23.94			17.83
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	1	17.32	1:1	0.110	30.89			
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.424	21.59	17.83		
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.220	24.44		17.83	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.88	1:1	0.294	23.18			20.09
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.889	18.30	17.83		
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.990	17.83		17.83	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.000	57.79			
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	13.81	1:1	0.224	24.29	20.09		
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.427	20.09		20.09	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.076	27.58			20.68
3500.01	633334	Mid	bottom	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.077	27.52	20.68		
3500.01	633334	Mid	right	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	12.41	1:1	0.045	29.86		22.97	
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.747	23.25			
3930.00	662000	High	back	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	69	17.71	1:1	0.693	23.28	20.68		
3930.00	662000	High	back	0 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	17.48	1:1	0.627	23.49			22.97
3930.00	662000	High	front	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.526	24.77	22.97		
3930.00	662000	High	top	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	1.350	20.68		22.97	
3930.00	662000	High	left	0 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	137	18.00	1:1	0.336	26.72			
3750.00	650000	Low	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.229	23.73	22.97		
3750.00	650000	Low	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.174	24.92		22.97	
3750.00	650000	Low	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.084	28.09			21.54
3750.00	650000	Low	left	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.35	1:1	0.273	22.97	21.54		
3930.00	662000	High	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.383	21.75		21.54	
3930.00	662000	High	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.402	21.54			
3930.00	662000	High	top	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.000	57.58	21.41		
3930.00	662000	High	left	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	13.60	1:1	0.107	27.29		21.41	
3930.00	662000	High	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.263	21.41			21.41
3930.00	662000	High	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.024	31.81	21.41		
3930.00	662000	High	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.026	31.46		21.41	
3930.00	662000	High	right	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	11.63	1:1	0.017	33.31			

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