

## APPENDIX A: SAR TEST RESULTS FOR $P_{LIMIT}$ CALCULATIONS

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

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

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
848.80	251	Right	Cheek	GSM 850	GSM	A	32.02	1:8.3	0.145	31.21	31.21
848.80	251	Right	Tilt	GSM 850	GSM	A	32.02	1:8.3	0.081	33.75	
848.80	251	Left	Cheek	GSM 850	GSM	A	32.02	1:8.3	0.109	32.44	
848.80	251	Left	Tilt	GSM 850	GSM	A	32.02	1:8.3	0.079	33.85	

**Table A-2**  
**DSI = 2  $P_{Limit}$  Calculations –GSM 1900 Head SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1850.20	512	Right	Cheek	GSM 1900	GSM	A	29.53	1:8.3	0.038	34.53	32.34
1850.20	512	Right	Tilt	GSM 1900	GSM	A	29.53	1:8.3	0.020	37.32	
1850.20	512	Left	Cheek	GSM 1900	GSM	A	29.53	1:8.3	0.063	32.34	
1850.20	512	Left	Tilt	GSM 1900	GSM	A	29.53	1:8.3	0.024	36.53	

**Table A-3**  
**DSI = 2  $P_{Limit}$  Calculations –UMTS 850 Head SAR**

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	Right	Cheek	UMTS 850	RMC	A	23.98	1:1	0.280	29.51	29.51
826.40	4132	Right	Tilt	UMTS 850	RMC	A	23.98	1:1	0.156	32.05	
826.40	4132	Left	Cheek	UMTS 850	RMC	A	23.98	1:1	0.174	31.57	
826.40	4132	Left	Tilt	UMTS 850	RMC	A	23.98	1:1	0.145	32.37	

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

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.												(W/kg)		
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.145	33.39	33.01
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.122	33.01	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.090	35.48	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.065	35.71	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.138	33.60	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.119	33.11	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.073	36.38	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.065	35.77	

**Table A-5**  
**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)	P <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.												(W/kg)		
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.284	30.11	30.04
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.220	30.04	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.151	32.85	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.124	32.53	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.206	31.50	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.169	31.18	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.132	33.43	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.105	33.25	

**Table A-6**  
**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)	P <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.												(W/kg)		
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.212	31.02	30.87
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.173	30.87	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.142	32.76	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.106	33.00	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.185	31.61	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.143	31.70	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.131	33.11	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.099	33.28	

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**Table A-7**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 66 Head SAR**

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.												(W/kg)		
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.90	1:1	0.087	34.50	30.96
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.68	1:1	0.031	37.77	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.90	1:1	0.026	39.75	
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.68	1:1	0.019	39.89	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.90	1:1	0.197	30.96	
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.68	1:1	0.073	34.05	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	99	23.90	1:1	0.061	36.05	
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	50	22.68	1:1	0.024	38.88	

**Table A-8**  
**DSI = 2  $P_{Limit}$  Calculations – LTE Band 2 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)	P <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.												(W/kg)		
1860.00	18700	Low	Right	Cheek	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.88	1:1	0.121	33.05	30.40
1860.00	18700	Low	Right	Cheek	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.75	1:1	0.100	32.75	
1860.00	18700	Low	Right	Tilt	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.88	1:1	0.080	34.85	
1860.00	18700	Low	Right	Tilt	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.75	1:1	0.063	34.76	
1860.00	18700	Low	Left	Cheek	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.88	1:1	0.223	30.40	
1860.00	18700	Low	Left	Cheek	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.75	1:1	0.171	30.42	
1860.00	18700	Low	Left	Tilt	LTE Band 2 (PCS)	A	20	QPSK	1	0	23.88	1:1	0.097	34.01	
1860.00	18700	Low	Left	Tilt	LTE Band 2 (PCS)	A	20	QPSK	50	0	22.75	1:1	0.078	33.83	

**Table A-9**  
**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)	P <sub>limit</sub>	Overall P <sub>limit</sub>
MHz	Ch.												(W/kg)		
2593.00	40620	Mid	Right	Cheek	LTE Band 41	B	20	QPSK	1	99	23.72	1:1.58	0.098	31.82	27.84
2593.00	40620	Mid	Right	Cheek	LTE Band 41	B	20	QPSK	50	25	22.80	1:1.58	0.077	31.95	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	B	20	QPSK	1	99	23.72	1:1.58	0.061	33.88	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	B	20	QPSK	50	25	22.80	1:1.58	0.051	33.74	
2593.00	40620	Mid	Left	Cheek	LTE Band 41	B	20	QPSK	1	99	23.72	1:1.58	0.245	27.84	
2593.00	40620	Mid	Left	Cheek	LTE Band 41	B	20	QPSK	50	25	22.80	1:1.58	0.191	28.01	
2593.00	40620	Mid	Left	Tilt	LTE Band 41	B	20	QPSK	1	99	23.72	1:1.58	0.116	31.09	
2593.00	40620	Mid	Left	Tilt	LTE Band 41	B	20	QPSK	50	25	22.80	1:1.58	0.091	31.23	

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**Table A-10**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n5 Head SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Ch.												(W/kg)		
836.50	167300	Mid	Right	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.151	32.13	31.39
836.50	167300	Mid	Right	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.155	31.98	
836.50	167300	Mid	Right	Cheek	NR Band n5	A	20	CP-OFDM	QPSK	1	1	22.46	1:1	0.128	31.39	
836.50	167300	Mid	Right	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.097	34.05	
836.50	167300	Mid	Right	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.094	34.15	
836.50	167300	Mid	Left	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.134	32.65	
836.50	167300	Mid	Left	Cheek	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.132	32.67	
836.50	167300	Mid	Left	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.101	33.88	
836.50	167300	Mid	Left	Tilt	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.100	33.88	

**Table A-11**  
**DSI = 2  $P_{Limit}$  Calculations – NR Band n41 Head SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	Ch.												(W/kg)		
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	271	15.28	1:1	0.737	16.61	16.52
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	15.31	1:1	0.744	16.59	
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	15.27	1:1	0.736	16.60	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	271	15.28	1:1	0.751	16.52	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	15.31	1:1	0.721	16.73	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	15.27	1:1	0.712	16.75	
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	CP-OFDM	QPSK	1	1	15.24	1:1	0.639	17.19	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	271	15.28	1:1	0.355	19.78	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	15.31	1:1	0.359	19.76	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	271	15.28	1:1	0.431	18.94	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	15.31	1:1	0.407	19.21	

**Table A-12**  
**DSI = 0  $P_{Limit}$  Calculations – 2G 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)		
848.80	251	back	15 mm	GSM 850	GSM	A	32.02	1:8.3	0.172	30.46	30.46
1850.20	512	back	15 mm	GSM 1900	GSM	A	27.73	1:8.3	0.139	27.10	27.10

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**Table A-13**  
**DSI = 0  $P_{Limit}$  Calculations – 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)			
826.40	4132	back	15 mm	UMTS 850	RMC	A	23.98	1:1	0.269	29.68	29.68	

**Table A-14**  
**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)			
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.221	31.56	31.20
707.50	23095	Mid	back	15 mm	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.185	31.20	
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.293	29.97	29.62
782.00	23230	Mid	back	15 mm	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.242	29.62	
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.259	30.15	30.09
831.50	26865	Mid	back	15 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.207	30.09	
1745.00	132322	Mid	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.392	24.67	24.67
1745.00	132322	Mid	back	15 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	20.57	1:1	0.377	24.81	
1860.00	18700	Low	back	15 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.456	25.21	25.21
1860.00	18700	Low	back	15 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	21.77	1:1	0.451	25.23	
2506.00	39750	Low	back	15 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.124	27.89	27.65
2506.00	39750	Low	back	15 mm	LTE Band 41	B	20	QPSK	50	25	20.82	1:1.58	0.127	27.80	
2506.00	39750	Low	back	15 mm	LTE Band 41	B	20	QPSK	50	50	20.71	1:1.58	0.128	27.65	

**Table A-15**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band 5 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)			
836.50	167300	Mid	back	15 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.195	31.02	30.98
836.50	167300	Mid	back	15 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.195	30.98	
836.50	167300	Mid	back	15 mm	NR Band n5	A	20	CP-OFDM	QPSK	1	1	22.46	1:1	0.140	31.00	

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**Table A-16**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band 41 Body-Worn SAR**

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.183	26.71	26.71
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	0.179	26.79	
2592.99	518598	Mid	back	15 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	19.04	1:1	0.167	26.81	

**Table A-17**  
**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)	Plimit	Overall Plimit	
MHz	Ch.									(W/kg)			
824.20	128	back	10 mm	GSM 850	GPRS	A	2	30.94	1:4.15	0.473	28.00	28.00	
836.60	190	back	10 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.460	28.23		
848.80	251	back	10 mm	GSM 850	GPRS	A	2	30.95	1:4.15	0.454	28.19		
836.60	190	front	10 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.319	29.82		
836.60	190	bottom	10 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.124	33.92		
836.60	190	right	10 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.343	29.51		
836.60	190	left	10 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.235	31.15		
1909.80	810	back	10 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.293	23.68	20.97	
1909.80	810	front	10 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.287	23.77		
1850.20	512	bottom	10 mm	GSM 1900	GPRS	A	4	21.08	1:2.076	0.393	21.96		
1880.00	661	bottom	10 mm	GSM 1900	GPRS	A	4	21.48	1:2.076	0.495	21.35		
1909.80	810	bottom	10 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.547	20.97		
1909.80	810	right	10 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.043	32.01		
1909.80	810	left	10 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.060	30.57		

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**Table A-18**  
**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)		
826.40	4132	back	10 mm	UMTS 850	RMC	A	23.98	1:1	0.457	27.38	27.38
826.40	4132	front	10 mm	UMTS 850	RMC	A	23.98	1:1	0.295	29.28	
826.40	4132	bottom	10 mm	UMTS 850	RMC	A	23.98	1:1	0.106	33.73	
826.40	4132	right	10 mm	UMTS 850	RMC	A	23.98	1:1	0.282	29.48	
826.40	4132	left	10 mm	UMTS 850	RMC	A	23.98	1:1	0.288	29.39	

**Table A-19**  
**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	49	25.00	1:1	0.336	29.74	28.70
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.274	29.49	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.232	31.35	
707.50	23095	Mid	front	10 mm	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.193	31.01	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.040	38.98	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.033	38.68	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.221	31.56	
707.50	23095	Mid	right	10 mm	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.190	31.08	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.403	28.95	
707.50	23095	Mid	left	10 mm	LTE Band 12	A	10	QPSK	25	25	23.87	1:1	0.329	28.70	

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**Table A-20**  
**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	24.64	1:1	0.479	27.84	27.41
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.403	27.41	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.334	29.40	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.280	28.99	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.096	34.82	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.082	34.32	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.253	30.61	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.204	30.36	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.262	30.46	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	25	0	23.46	1:1	0.220	30.04	

**Table A-21**  
**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	24.28	1:1	0.520	27.12	26.91
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.431	26.91	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.321	29.21	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.261	29.08	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.138	32.88	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.114	32.68	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.207	31.12	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.152	31.43	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.202	31.23	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	37	23.25	1:1	0.144	31.67	

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**Table A-22**  
**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	99	19.19	1:1	0.233	25.52	21.34
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.11	1:1	0.235	25.40	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.19	1:1	0.312	24.25	
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.11	1:1	0.310	24.20	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.19	1:1	0.501	22.19	
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.11	1:1	0.501	22.11	
1745.00	132322	Md	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	19.04	1:1	0.504	22.02	
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.10	1:1	0.597	21.34	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.19	1:1	0.020	36.18	
1720.00	132072	Low	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.11	1:1	0.021	35.89	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.19	1:1	0.039	33.28	
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	19.11	1:1	0.038	33.31	

**Table A-23**  
**DSI = 3  $P_{Limit}$  Calculations – LTE Band 2 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	18700	Low	back	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	19.78	1:1	0.585	22.11	19.62
1860.00	18700	Low	back	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	19.77	1:1	0.584	22.11	
1860.00	18700	Low	front	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	19.78	1:1	0.504	22.76	
1860.00	18700	Low	front	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	19.77	1:1	0.502	22.76	
1860.00	18700	Low	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	19.78	1:1	0.901	20.23	
1880.00	18900	Md	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	19.49	1:1	0.970	19.62	
1900.00	19100	High	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	19.77	1:1	0.968	19.91	
1860.00	18700	Low	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	19.77	1:1	0.931	20.08	
1880.00	18900	Md	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	19.58	1:1	0.934	19.88	
1900.00	19100	High	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	50	19.62	1:1	0.968	19.76	
1860.00	18700	Low	bottom	10 mm	LTE Band 2 (PCS)	A	20	QPSK	100	0	19.66	1:1	0.906	20.09	
1860.00	18700	Low	right	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	19.78	1:1	0.046	33.15	
1860.00	18700	Low	right	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	19.77	1:1	0.044	33.34	
1860.00	18700	Low	left	10 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	19.78	1:1	0.152	27.96	
1860.00	18700	Low	left	10 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	19.77	1:1	0.154	27.89	

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**Table A-24**  
**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)		
2506.00	39750	Low	back	10 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.250	24.85	24.10
2506.00	39750	Low	back	10 mm	LTE Band 41	B	20	QPSK	50	25	20.82	1:1.58	0.256	24.75	
2506.00	39750	Low	front	10 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.182	26.23	
2506.00	39750	Low	front	10 mm	LTE Band 41	B	20	QPSK	50	25	20.82	1:1.58	0.184	26.19	
2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.288	24.23	
2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	20	QPSK	1	99	20.62	1:1.58	0.284	24.10	
2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	20.82	1:1.58	0.288	24.24	
2506.00	39750	Low	left	10 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.193	25.97	
2506.00	39750	Low	left	10 mm	LTE Band 41	B	20	QPSK	50	25	20.82	1:1.58	0.203	25.76	

**Table A-25**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n5 Hotspot SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.427	27.62	26.91
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.498	26.91	
836.50	167300	Mid	back	10 mm	NR Band n5	A	20	CP-OFDM	QPSK	1	1	22.46	1:1	0.322	27.38	
836.50	167300	Mid	front	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.252	29.91	
836.50	167300	Mid	front	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.251	29.88	
836.50	167300	Mid	bottom	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.245	30.03	
836.50	167300	Mid	bottom	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.246	29.97	
836.50	167300	Mid	right	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.190	31.13	
836.50	167300	Mid	right	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.190	31.09	
836.50	167300	Mid	left	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.106	33.67	
836.50	167300	Mid	left	10 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	50	28	23.88	1:1	0.103	33.75	

**Table A-26**  
**DSI = 3  $P_{Limit}$  Calculations – NR Band n41 Hotspot SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.333	24.11	22.29
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	0.331	24.12	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.220	25.91	
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	0.221	25.88	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.506	22.29	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	0.499	22.34	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	19.04	1:1	0.469	22.33	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.050	32.34	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	0.050	32.33	

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**Table A-27**  
**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	2	31.05	1:4.15	0.456	32.25	29.34
836.60	190	front	6 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.339	33.54	
836.60	190	bottom	11 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.151	37.05	
836.60	190	right	0 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.316	33.84	
836.60	190	left	0 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.891	29.34	
1909.80	810	back	8 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.656	24.16	24.16
1909.80	810	front	6 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.455	25.75	
1909.80	810	bottom	11 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.235	28.62	
1909.80	810	right	0 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.199	29.34	
1909.80	810	left	0 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.376	26.58	

**Table A-28**  
**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)			
826.40	4132	back	8 mm	UMTS 850	RMC	A	23.98	1:1	0.433	31.59	29.71	
826.40	4132	front	6 mm	UMTS 850	RMC	A	23.98	1:1	0.221	34.52		
826.40	4132	bottom	11 mm	UMTS 850	RMC	A	23.98	1:1	0.104	37.79		
826.40	4132	right	0 mm	UMTS 850	RMC	A	23.98	1:1	0.301	33.17		
826.40	4132	left	0 mm	UMTS 850	RMC	A	23.98	1:1	0.668	29.71		

**Table A-29**  
**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	Md	back	8 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.832	29.78	29.78
707.50	23095	Md	front	6 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.771	30.11	
707.50	23095	Md	bottom	11 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.451	32.44	
707.50	23095	Md	right	0 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.299	34.22	
707.50	23095	Md	left	0 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.491	32.07	
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**Table A-30**  
**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	24.64	1:1	0.833	29.41	29.41
782.00	23230	Mid	front	6 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.266	34.37	
782.00	23230	Mid	bottom	11 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.314	33.65	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.249	34.66	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.587	30.93	

**Table A-31**  
**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	24.28	1:1	0.561	30.77	29.49
831.50	26865	Mid	front	6 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.468	31.56	
831.50	26865	Mid	bottom	11 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.323	33.17	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.294	33.58	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.754	29.49	

**Table A-32**  
**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)		
1745.00	132322	Mid	back	8 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.899	25.04	25.04
1745.00	132322	Mid	front	6 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.567	27.04	
1745.00	132322	Mid	bottom	11 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.326	29.45	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.309	29.68	
1745.00	132322	Mid	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.661	26.38	

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**Table A-33**  
**DSI = 0  $P_{Limit}$  Calculations – LTE Band 2 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	18700	Low	back	8 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.726	27.17	27.17
1860.00	18700	Low	front	6 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.611	27.92	
1860.00	18700	Low	bottom	11 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.439	29.35	
1860.00	18700	Low	right	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.233	32.11	
1860.00	18700	Low	left	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.612	27.91	

**Table A-34**  
**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)													
2506.00	39750	Low	back	8 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.967	22.95	21.90
2506.00	39750	Low	front	6 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.461	26.17	
2506.00	39750	Low	bottom	11 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.483	25.97	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	1.231	21.90	

**Table A-35**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n5 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	167300	Mid	back	8 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.451	31.36	30.46
836.50	167300	Mid	front	6 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.318	32.88	
836.50	167300	Mid	bottom	11 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.273	33.54	
836.50	167300	Mid	right	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.233	34.23	
836.50	167300	Mid	left	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.554	30.46	

**Table A-36**  
**DSI = 0  $P_{Limit}$  Calculations – NR Band n41 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	1.190	22.55	19.04
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	1.210	22.47	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.978	23.41	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	2.590	19.18	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	2.580	19.18	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	19.21	1:1	2.600	19.04	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	19.04	1:1	2.380	19.25	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.121	32.48	

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**Table A-37**  
**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	2	31.05	1:4.15	1.452	27.22	27.22
836.60	190	front	0 mm	GSM 850	GPRS	A	2	31.05	1:4.15	1.089	28.47	
836.60	190	bottom	0 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.648	30.72	
836.60	190	right	0 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.316	33.84	
836.60	190	left	0 mm	GSM 850	GPRS	A	2	31.05	1:4.15	0.891	29.34	
1909.80	810	back	0 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	1.431	20.77	20.77
1909.80	810	front	0 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	1.110	21.88	
1909.80	810	bottom	0 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.839	23.09	
1909.80	810	right	0 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.199	29.34	
1909.80	810	left	0 mm	GSM 1900	GPRS	A	4	21.53	1:2.076	0.376	26.58	

**Table A-38**  
**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)			
826.40	4132	back	0 mm	UMTS 850	RMC	A	23.98	1:1	0.495	31.01	29.71	
826.40	4132	front	0 mm	UMTS 850	RMC	A	23.98	1:1	0.410	31.83		
826.40	4132	bottom	0 mm	UMTS 850	RMC	A	23.98	1:1	0.183	35.33		
826.40	4132	right	0 mm	UMTS 850	RMC	A	23.98	1:1	0.301	33.17		
826.40	4132	left	0 mm	UMTS 850	RMC	A	23.98	1:1	0.668	29.71		

**Table A-39**  
**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	Md	back	0 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	1.723	26.62
707.50	23095	Md	front	0 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	1.639	
707.50	23095	Md	bottom	0 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	1.112	
707.50	23095	Md	right	0 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.299	
707.50	23095	Md	left	0 mm	LTE Band 12	A	10	QPSK	1	49	25.00	1:1	0.491	

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**Table A-40**  
**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	24.64	1:1	1.412	27.12	27.12
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	1.088	28.25	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.855	29.30	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.249	34.66	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	0	24.64	1:1	0.587	30.93	

**Table A-41**  
**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	Mid	back	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	1.498	26.50	26.50
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	1.388	26.84	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.921	28.62	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.294	33.58	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	36	24.28	1:1	0.754	29.49	

**Table A-42**  
**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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	2.183	21.19	21.19
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	1.866	21.87	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.45	1:1	1.970	21.48	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	1.760	22.12	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.39	1:1	1.720	22.01	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	20.41	1:1	2.040	21.29	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	20.57	1:1	1.760	22.09	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	50	20.52	1:1	1.760	22.04	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	20.44	1:1	1.790	21.89	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.309	29.68	
1745.00	132322	Mid	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	20.60	1:1	0.661	26.38	

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**Table A-43**  
**DSI = 1  $P_{Limit}$  Calculations – LTE Band 2 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	18700	Low	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	2.390	22.00	21.80
1880.00	18900	Mid	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.79	1:1	2.330	22.10	
1900.00	19100	High	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	21.74	1:1	2.240	22.22	
1860.00	18700	Low	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	21.77	1:1	2.390	21.97	
1880.00	18900	Mid	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	50	21.64	1:1	2.280	22.04	
1900.00	19100	High	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	50	21.64	1:1	2.410	21.80	
1860.00	18700	Low	back	0 mm	LTE Band 2 (PCS)	A	20	QPSK	100	0	21.75	1:1	2.370	21.98	
1860.00	18700	Low	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	2.080	22.60	
1880.00	18900	Mid	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.79	1:1	1.960	22.85	
1900.00	19100	High	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	21.74	1:1	1.780	23.22	
1860.00	18700	Low	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	21.77	1:1	2.080	22.57	
1880.00	18900	Mid	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	50	21.64	1:1	1.860	22.92	
1900.00	19100	High	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	50	21.64	1:1	1.850	22.95	
1860.00	18700	Low	front	0 mm	LTE Band 2 (PCS)	A	20	QPSK	100	0	21.75	1:1	2.030	22.65	
1860.00	18700	Low	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	1.910	22.97	
1880.00	18900	Mid	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.79	1:1	1.930	22.91	
1900.00	19100	High	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	99	21.74	1:1	2.340	22.03	
1860.00	18700	Low	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	0	21.77	1:1	2.100	22.53	
1880.00	18900	Mid	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	50	21.64	1:1	1.830	22.99	
1900.00	19100	High	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	50	50	21.64	1:1	2.390	21.84	
1860.00	18700	Low	bottom	0 mm	LTE Band 2 (PCS)	A	20	QPSK	100	0	21.75	1:1	2.050	22.61	
1860.00	18700	Low	right	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.233	32.11	
1860.00	18700	Low	left	0 mm	LTE Band 2 (PCS)	A	20	QPSK	1	0	21.80	1:1	0.612	27.91	

**Table A-44**  
**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)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
2506.00	39750	Low	back	0 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	1.638	20.66	20.66
2506.00	39750	Low	front	0 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	0.945	23.05	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	1.280	21.73	
2506.00	39750	Low	left	0 mm	LTE Band 41	B	20	QPSK	1	50	20.81	1:1.58	1.231	21.90	

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**Table A-45**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n5 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	167300	Mid	back	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	1.318	26.70	26.70
836.50	167300	Mid	front	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	1.176	27.20	
836.50	167300	Mid	bottom	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.737	29.23	
836.50	167300	Mid	right	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.233	34.23	
836.50	167300	Mid	left	0 mm	NR Band n5	A	20	DFT-S-OFDM	QPSK	1	53	23.92	1:1	0.554	30.46	

**Table A-46**  
**DSI = 1  $P_{Limit}$  Calculations – NR Band n41 Phablet SAR**

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	1.190	22.55	19.04
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	1.210	22.47	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.978	23.41	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	2.590	19.18	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	135	69	19.32	1:1	2.580	19.18	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	270	0	19.21	1:1	2.600	19.04	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CP-OFDM	QPSK	1	1	19.04	1:1	2.380	19.25	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	DFT-S-OFDM	QPSK	1	137	19.33	1:1	0.121	32.48	

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