

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

Please see the original filing for the standalone reported SAR for modes/bands/exposure conditions/positions that were not evaluated for this permissive change.

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

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
848.80	251	GSM 850	GSM	33.25	Right	Cheek	A	1:8.3	0.111	33.60	32.56
848.80	251	GSM 850	GSM	33.25	Right	Tilt	A	1:8.3	0.073	35.43	
848.80	251	GSM 850	GSM	33.25	Left	Cheek	A	1:8.3	0.141	32.56	
848.80	251	GSM 850	GSM	33.25	Left	Tilt	A	1:8.3	0.067	35.78	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

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

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	661	GSM 1900	GSM	30.45	Right	Cheek	A	1:8.3	0.040	35.23	33.61
1880.00	661	GSM 1900	GSM	30.45	Right	Tilt	A	1:8.3	0.023	37.63	
1880.00	661	GSM 1900	GSM	30.45	Left	Cheek	A	1:8.3	0.058	33.61	
1880.00	661	GSM 1900	GSM	30.45	Left	Tilt	A	1:8.3	0.034	35.93	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

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

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	UMTS 850	RMC	24.44	Right	Cheek	A	1:1	0.144	32.86	31.14
846.60	4233	UMTS 850	RMC	24.44	Right	Tilt	A	1:1	0.086	35.11	
846.60	4233	UMTS 850	RMC	24.44	Left	Cheek	A	1:1	0.214	31.14	
846.60	4233	UMTS 850	RMC	24.44	Left	Tilt	A	1:1	0.089	34.96	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1732.40	1412	UMTS 1750	RMC	23.64	Right	Cheek	A	1:1	0.145	32.03	32.03
1732.40	1412	UMTS 1750	RMC	23.64	Right	Tilt	A	1:1	0.055	36.24	
1732.40	1412	UMTS 1750	RMC	23.64	Left	Cheek	A	1:1	0.093	33.96	
1732.40	1412	UMTS 1750	RMC	23.64	Left	Tilt	A	1:1	0.084	34.40	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

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

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1907.60	9538	UMTS 1900	RMC	22.02	Right	Cheek	A	1:1	0.030	37.25	34.62
1907.60	9538	UMTS 1900	RMC	22.02	Right	Tilt	A	1:1	0.019	39.23	
1907.60	9538	UMTS 1900	RMC	22.02	Left	Cheek	A	1:1	0.055	34.62	
1907.60	9538	UMTS 1900	RMC	22.02	Left	Tilt	A	1:1	0.033	36.83	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-6
DSI = 2 P_{Limit} Calculations – LTE Band 12 Head SAR

MEASUREMENT RESULTS															
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
707.50	23095	Mid	LTE Band 12	10	24.71	Right	Cheek	A	QPSK	1	0	1:1	0.108	34.38	33.37
707.50	23095	Mid	LTE Band 12	10	23.64	Right	Cheek	A	QPSK	25	12	1:1	0.090	34.11	
707.50	23095	Mid	LTE Band 12	10	24.71	Right	Tilt	A	QPSK	1	0	1:1	0.052	37.54	
707.50	23095	Mid	LTE Band 12	10	23.64	Right	Tilt	A	QPSK	25	12	1:1	0.042	37.38	
707.50	23095	Mid	LTE Band 12	10	24.71	Left	Cheek	A	QPSK	1	0	1:1	0.136	33.37	
707.50	23095	Mid	LTE Band 12	10	23.64	Left	Cheek	A	QPSK	25	12	1:1	0.099	33.69	
707.50	23095	Mid	LTE Band 12	10	24.71	Left	Tilt	A	QPSK	1	0	1:1	0.045	38.20	
707.50	23095	Mid	LTE Band 12	10	23.64	Left	Tilt	A	QPSK	25	12	1:1	0.037	37.97	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-7
DSI = 2 P_{Limit} Calculations – LTE Band 13 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
782.00	23230	Mid	LTE Band 13	10	24.89	Right	Cheek	A	QPSK	1	25	1:1	0.151	33.10	31.03
782.00	23230	Mid	LTE Band 13	10	23.89	Right	Cheek	A	QPSK	25	12	1:1	0.121	33.06	
782.00	23230	Mid	LTE Band 13	10	24.89	Right	Tilt	A	QPSK	1	25	1:1	0.102	34.80	
782.00	23230	Mid	LTE Band 13	10	23.89	Right	Tilt	A	QPSK	25	12	1:1	0.078	34.95	
782.00	23230	Mid	LTE Band 13	10	24.89	Left	Cheek	A	QPSK	1	25	1:1	0.243	31.03	
782.00	23230	Mid	LTE Band 13	10	23.89	Left	Cheek	A	QPSK	25	12	1:1	0.185	31.22	
782.00	23230	Mid	LTE Band 13	10	24.89	Left	Tilt	A	QPSK	1	25	1:1	0.107	34.60	
782.00	23230	Mid	LTE Band 13	10	23.89	Left	Tilt	A	QPSK	25	12	1:1	0.085	34.62	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-8
DSI = 2 P_{Limit} Calculations – LTE Band 26 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	Right	Cheek	A	QPSK	1	36	1:1	0.138	33.28	31.94
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	Right	Cheek	A	QPSK	36	37	1:1	0.111	33.07	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	Right	Tilt	A	QPSK	1	36	1:1	0.077	35.81	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	Right	Tilt	A	QPSK	36	37	1:1	0.066	35.34	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	Left	Cheek	A	QPSK	1	36	1:1	0.187	31.96	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	Left	Cheek	A	QPSK	36	37	1:1	0.144	31.94	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	Left	Tilt	A	QPSK	1	36	1:1	0.083	35.47	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	Left	Tilt	A	QPSK	36	37	1:1	0.067	35.25	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-9
DSI = 2 P_{Limit} Calculations – LTE Band 66 Head SAR

MEASUREMENT RESULTS															
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	Right	Cheek	A	QPSK	1	50	1:1	0.084	33.57	33.50
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	Right	Cheek	A	QPSK	50	25	1:1	0.068	33.50	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	Right	Tilt	A	QPSK	1	50	1:1	0.062	34.89	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	Right	Tilt	A	QPSK	50	25	1:1	0.044	35.40	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	Left	Cheek	A	QPSK	1	50	1:1	0.056	35.33	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	Left	Cheek	A	QPSK	50	25	1:1	0.043	35.50	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	Left	Tilt	A	QPSK	1	50	1:1	0.059	35.10	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	Left	Tilt	A	QPSK	50	25	1:1	0.049	34.93	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-10
DSI = 2 P_{Limit} Calculations – LTE Band 4 Head SAR

MEASUREMENT RESULTS															
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	Right	Cheek	J	QPSK	1	50	1:1	0.240	22.36	19.42
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	Right	Cheek	J	QPSK	50	25	1:1	0.238	22.44	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	Right	Tilt	J	QPSK	1	50	1:1	0.316	21.16	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	Right	Tilt	J	QPSK	50	25	1:1	0.301	21.42	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	Left	Cheek	J	QPSK	1	50	1:1	0.416	19.97	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	Left	Cheek	J	QPSK	50	25	1:1	0.409	20.09	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	Left	Tilt	J	QPSK	1	50	1:1	0.472	19.42	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	Left	Tilt	J	QPSK	50	25	1:1	0.467	19.52	
ANSI / IEEE C95.1 1992 - SAFETY LIMIT						Head									
Spatial Peak						1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population						averaged over 1 gram									

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-11
DSI = 2 P_{Limit} Calculations – LTE Band 25 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1905.00	26590	High	LTE Band 25 (PCS)	20	22.40	Right	Cheek	A	QPSK	1	50	1:1	0.041	36.27	33.16
1905.00	26590	High	LTE Band 25 (PCS)	20	21.32	Right	Cheek	A	QPSK	50	25	1:1	0.031	36.41	
1905.00	26590	High	LTE Band 25 (PCS)	20	22.40	Right	Tilt	A	QPSK	1	50	1:1	0.024	38.60	
1905.00	26590	High	LTE Band 25 (PCS)	20	21.32	Right	Tilt	A	QPSK	50	25	1:1	0.016	39.28	
1905.00	26590	High	LTE Band 25 (PCS)	20	22.40	Left	Cheek	A	QPSK	1	50	1:1	0.084	33.16	
1905.00	26590	High	LTE Band 25 (PCS)	20	21.32	Left	Cheek	A	QPSK	50	25	1:1	0.064	33.26	
1905.00	26590	High	LTE Band 25 (PCS)	20	22.40	Left	Tilt	A	QPSK	1	50	1:1	0.033	37.21	
1905.00	26590	High	LTE Band 25 (PCS)	20	21.32	Left	Tilt	A	QPSK	50	25	1:1	0.025	37.34	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1900.00	19100	High	LTE Band 2 (PCS)	20	21.71	Right	Cheek	A	QPSK	1	50	1:1	0.036	36.15	32.96
1900.00	19100	High	LTE Band 2 (PCS)	20	20.65	Right	Cheek	A	QPSK	50	25	1:1	0.030	35.88	
1900.00	19100	High	LTE Band 2 (PCS)	20	21.71	Right	Tilt	A	QPSK	1	50	1:1	0.021	38.49	
1900.00	19100	High	LTE Band 2 (PCS)	20	20.65	Right	Tilt	A	QPSK	50	25	1:1	0.016	38.61	
1900.00	19100	High	LTE Band 2 (PCS)	20	21.71	Left	Cheek	A	QPSK	1	50	1:1	0.075	32.96	
1900.00	19100	High	LTE Band 2 (PCS)	20	20.65	Left	Cheek	A	QPSK	50	25	1:1	0.054	33.33	
1900.00	19100	High	LTE Band 2 (PCS)	20	21.71	Left	Tilt	A	QPSK	1	50	1:1	0.041	35.58	
1900.00	19100	High	LTE Band 2 (PCS)	20	20.65	Left	Tilt	A	QPSK	50	25	1:1	0.032	35.60	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-13
DSI = 2 P_{Limit} Calculations – LTE Band 41 Head SAR

FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Side	Test Position	Antenna Config.	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2593.00	40620	Mid	LTE Band 41	20	23.97	Right	Cheek	B	QPSK	1	50	1:1.58	0.029	37.36	35.85
2593.00	40620	Mid	LTE Band 41	20	23.02	Right	Cheek	B	QPSK	50	25	1:1.58	0.026	36.89	
2593.00	40620	Mid	LTE Band 41	20	23.97	Right	Tilt	B	QPSK	1	50	1:1.58	0.024	38.18	
2593.00	40620	Mid	LTE Band 41	20	23.02	Right	Tilt	B	QPSK	50	25	1:1.58	0.016	38.99	
2593.00	40620	Mid	LTE Band 41	20	23.97	Left	Cheek	B	QPSK	1	50	1:1.58	0.041	35.86	
2593.00	40620	Mid	LTE Band 41	20	23.02	Left	Cheek	B	QPSK	50	25	1:1.58	0.033	35.85	
2593.00	40620	Mid	LTE Band 41	20	23.97	Left	Tilt	B	QPSK	1	50	1:1.58	0.033	36.80	
2593.00	40620	Mid	LTE Band 41	20	23.02	Left	Tilt	B	QPSK	50	25	1:1.58	0.024	37.23	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-14
DSI = 2 P_{Limit} Calculations – NR Band n5 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	Right	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.114	34.32	32.66
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	Right	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.113	34.25	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	Right	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.085	35.60	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	Right	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.084	35.54	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	Left	Cheek	DFT-S-OFDM	QPSK	1	1	1:1	0.144	33.31	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	Left	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.163	32.66	
836.50	167300	Mid	NR Band n5 (Cell)	20	23.90	A	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.112	33.41	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	Left	Tilt	DFT-S-OFDM	QPSK	1	1	1:1	0.082	35.75	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	Left	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.090	35.24	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-15
DSI = 2 P_{Limit} Calculations – NR Band n66 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
Mhz	Ch.												(W/kg)			
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	Right	Cheek	DFT-S-OFDM	QPSK	1	104	1:1	0.059	34.79	34.67
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	Right	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.059	34.67	
1770.00	354000	High	NR Band n66 (AWS)	20	21.83	A	Right	Cheek	CP-OFDM	QPSK	1	1	1:1	0.019	39.04	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	Right	Tilt	DFT-S-OFDM	QPSK	1	104	1:1	0.005	45.51	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	Right	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.006	44.60	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	Left	Cheek	DFT-S-OFDM	QPSK	1	104	1:1	0.009	42.96	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	Left	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.011	41.97	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	Left	Tilt	DFT-S-OFDM	QPSK	1	104	1:1	0.006	44.72	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	Left	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.010	42.38	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	Right	Cheek	DFT-S-OFDM	QPSK	1	104	1:1	0.399	23.11	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	Right	Cheek	DFT-S-OFDM	QPSK	50	56	1:1	0.371	23.32	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	Right	Tilt	DFT-S-OFDM	QPSK	1	104	1:1	0.486	22.25	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	Right	Tilt	DFT-S-OFDM	QPSK	50	56	1:1	0.466	22.33	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	Left	Cheek	DFT-S-OFDM	QPSK	1	104	1:1	0.599	21.35	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	Left	Cheek	DFT-S-OFDM	QPSK	50	56	1:1	0.594	21.27	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	Left	Tilt	DFT-S-OFDM	QPSK	1	104	1:1	0.609	21.27	
1720.00	344000	Low	NR Band n66 (AWS)	20	18.92	J	Left	Tilt	DFT-S-OFDM	QPSK	50	56	1:1	0.660	20.72	
1745.00	349000	Mid	NR Band n66 (AWS)	20	18.84	J	Left	Tilt	DFT-S-OFDM	QPSK	50	56	1:1	0.661	20.64	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	Left	Tilt	DFT-S-OFDM	QPSK	50	56	1:1	0.640	20.95	
1770.00	354000	High	NR Band n66 (AWS)	20	19.00	J	Left	Tilt	DFT-S-OFDM	QPSK	100	0	1:1	0.716	20.45	
1770.00	354000	High	NR Band n66 (AWS)	20	18.92	J	Left	Tilt	CP-OFDM	QPSK	1	1	1:1	0.690	20.53	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-16
DSI = 2 P_{Limit} Calculations – NR Band n25 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
Mhz	Ch.												(W/kg)			
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	Right	Cheek	DFT-S-OFDM	QPSK	1	53	1:1	0.035	37.24	34.71
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	Right	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.039	36.93	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	Right	Tilt	DFT-S-OFDM	QPSK	1	53	1:1	0.025	38.70	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	Right	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.027	38.53	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	Left	Cheek	DFT-S-OFDM	QPSK	1	53	1:1	0.060	34.90	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	Left	Cheek	DFT-S-OFDM	QPSK	50	28	1:1	0.065	34.71	
1905.00	381000	High	NR Band n25 (PCS)	20	21.04	A	Left	Cheek	CP-OFDM	QPSK	1	1	1:1	0.042	34.81	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	Left	Tilt	DFT-S-OFDM	QPSK	1	53	1:1	0.038	36.88	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	Left	Tilt	DFT-S-OFDM	QPSK	50	28	1:1	0.039	36.93	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-17
DSI = 2 P_{Limit} Calculations – NR Band n41 Head SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
2592.99	518598	Mid	NR Band n41	100	15.96	J	Right	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.228	22.38	17.60
2592.99	518598	Mid	NR Band n41	100	15.79	J	Right	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.225	22.27	
2592.99	518598	Mid	NR Band n41	100	15.96	J	Right	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.322	20.88	
2592.99	518598	Mid	NR Band n41	100	15.79	J	Right	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.315	20.81	
2592.99	518598	Mid	NR Band n41	100	15.96	J	Left	Cheek	DFT-S-OFDM	QPSK	1	137	1:1	0.497	19.00	
2592.99	518598	Mid	NR Band n41	100	15.79	J	Left	Cheek	DFT-S-OFDM	QPSK	135	69	1:1	0.482	18.96	
2592.99	518598	Mid	NR Band n41	100	15.65	J	Left	Cheek	DFT-S-OFDM	QPSK	270	0	1:1	0.481	18.83	
2592.99	518598	Mid	NR Band n41	100	15.96	J	Left	Tilt	DFT-S-OFDM	QPSK	1	137	1:1	0.610	18.11	
2592.99	518598	Mid	NR Band n41	100	15.79	J	Left	Tilt	DFT-S-OFDM	QPSK	135	69	1:1	0.603	17.99	
2592.99	518598	Mid	NR Band n41	100	15.65	J	Left	Tilt	DFT-S-OFDM	QPSK	270	0	1:1	0.609	17.80	
2592.99	518598	Mid	NR Band n41	100	15.50	J	Left	Tilt	CP-OFDM	QPSK	1	1	1:1	0.617	17.60	
2592.99	518598	Mid	NR Band n41	100	16.41	B	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.008	37.38	32.79
2592.99	518598	Mid	NR Band n41	100	16.41	B	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.013	35.27	
2592.99	518598	Mid	NR Band n41	100	16.41	B	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.015	34.65	
2592.99	518598	Mid	NR Band n41	100	16.41	B	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.023	32.79	
2592.99	518598	Mid	NR Band n41	100	11.02	E	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.296	16.31	16.31
2592.99	518598	Mid	NR Band n41	100	11.02	E	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.246	17.11	
2592.99	518598	Mid	NR Band n41	100	11.02	E	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.222	17.56	
2592.99	518598	Mid	NR Band n41	100	11.02	E	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.173	18.64	
2592.99	518598	Mid	NR Band n41	100	15.62	D	Right	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.010	35.62	30.43
2592.99	518598	Mid	NR Band n41	100	15.62	D	Right	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.009	36.08	
2592.99	518598	Mid	NR Band n41	100	15.62	D	Left	Cheek	CW/SRS	N/A	N/A	N/A	1:1	0.031	30.71	
2592.99	518598	Mid	NR Band n41	100	15.62	D	Left	Tilt	CW/SRS	N/A	N/A	N/A	1:1	0.033	30.43	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-18
DSI = 2 P_{Limit} Calculations – NR Band n77 Head SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Side	Test Position	Waveform	Modulation	RB Size	RB Offset	Duty Cycle	SAR (1g)	Plimit	Overall Plimit		
Mhz	Ch.												(W/kg)				
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	Right	Cheek	DFT-S-OFDM	QPSK	1	271	1.1	0.617	17.49	16.86	
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	Right	Cheek	DFT-S-OFDM	QPSK	135	138	1.1	0.629	17.19		
3500.01	633334	Mid	NR Band n77 DoD	100	15.08	F	Right	Cheek	DFT-S-OFDM	QPSK	270	0	1.1	0.626	17.11		
3500.01	633334	Mid	NR Band n77 DoD	100	14.82	F	Right	Cheek	CP-OFDM	QPSK	1	1	1.1	0.625	16.86		
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	Right	Tilt	DFT-S-OFDM	QPSK	1	271	1.1	0.457	18.79		
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	Right	Tilt	DFT-S-OFDM	QPSK	135	138	1.1	0.462	18.53		
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	Left	Cheek	DFT-S-OFDM	QPSK	1	271	1.1	0.234	21.70		
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	Left	Cheek	DFT-S-OFDM	QPSK	135	138	1.1	0.231	21.54		
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	Left	Tilt	DFT-S-OFDM	QPSK	1	271	1.1	0.166	23.19		
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	Left	Tilt	DFT-S-OFDM	QPSK	135	138	1.1	0.173	22.80		
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	Right	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.000	53.53	53.53	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	Right	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.000	53.53		
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	Left	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.000	53.53		
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	Left	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.000	53.53		
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	Right	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.356	18.45		18.40
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	Right	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.344	18.59		
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	Left	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.215	20.64		
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	Left	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.360	18.40		
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	Right	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.000	52.68	42.68	
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	Right	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.000	52.68		
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	Left	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.000	52.68		
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	Left	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.001	42.68		
3750.00	650000	Low	NR Band n77	100	15.72	F	Right	Cheek	DFT-S-OFDM	QPSK	1	271	1.1	0.759	16.92	16.87	
3930.00	662000	High	NR Band n77	100	15.44	F	Right	Cheek	DFT-S-OFDM	QPSK	1	271	1.1	0.653	17.29		
3750.00	650000	Low	NR Band n77	100	15.43	F	Right	Cheek	DFT-S-OFDM	QPSK	135	138	1.1	0.718	16.87		
3930.00	662000	High	NR Band n77	100	15.24	F	Right	Cheek	DFT-S-OFDM	QPSK	135	138	1.1	0.650	17.11		
3750.00	650000	Low	NR Band n77	100	15.23	F	Right	Cheek	DFT-S-OFDM	QPSK	270	0	1.1	0.591	17.51		
3750.00	650000	Low	NR Band n77	100	15.10	F	Right	Cheek	CP-OFDM	QPSK	1	1	1.1	0.617	17.20		
3750.00	650000	Low	NR Band n77	100	15.72	F	Right	Tilt	DFT-S-OFDM	QPSK	1	271	1.1	0.530	18.48		
3930.00	662000	High	NR Band n77	100	15.44	F	Right	Tilt	DFT-S-OFDM	QPSK	1	271	1.1	0.605	17.62		
3750.00	650000	Low	NR Band n77	100	15.43	F	Right	Tilt	DFT-S-OFDM	QPSK	135	138	1.1	0.518	18.29		
3930.00	662000	High	NR Band n77	100	15.24	F	Right	Tilt	DFT-S-OFDM	QPSK	135	138	1.1	0.587	17.55		
3750.00	650000	Low	NR Band n77	100	15.23	F	Right	Tilt	DFT-S-OFDM	QPSK	270	0	1.1	0.529	18.00		
3750.00	650000	Low	NR Band n77	100	15.72	F	Left	Cheek	DFT-S-OFDM	QPSK	1	271	1.1	0.208	22.54		
3750.00	650000	Low	NR Band n77	100	15.43	F	Left	Cheek	DFT-S-OFDM	QPSK	135	138	1.1	0.206	22.29		
3750.00	650000	Low	NR Band n77	100	15.72	F	Left	Tilt	DFT-S-OFDM	QPSK	1	271	1.1	0.141	24.23		
3750.00	650000	Low	NR Band n77	100	15.43	F	Left	Tilt	DFT-S-OFDM	QPSK	135	138	1.1	0.140	23.97		
3750.00	650000	Low	NR Band n77	100	13.83	C	Right	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.015	32.07		32.07
3750.00	650000	Low	NR Band n77	100	13.83	C	Right	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.000	53.83		
3750.00	650000	Low	NR Band n77	100	13.83	C	Left	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.003	39.06		
3750.00	650000	Low	NR Band n77	100	13.83	C	Left	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.000	53.83		
3750.00	650000	Low	NR Band n77	100	14.41	L	Right	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.054	27.09	27.09	
3750.00	650000	Low	NR Band n77	100	14.41	L	Right	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.054	27.09		
3750.00	650000	Low	NR Band n77	100	14.41	L	Left	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.048	27.60		
3750.00	650000	Low	NR Band n77	100	14.41	L	Left	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.039	28.50		
3750.00	650000	Low	NR Band n77	100	12.04	D	Right	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.000	52.04		52.04
3750.00	650000	Low	NR Band n77	100	12.04	D	Right	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.000	52.04		
3750.00	650000	Low	NR Band n77	100	12.04	D	Left	Cheek	CW/SRS	N/A	N/A	N/A	1.1	0.000	52.04		
3750.00	650000	Low	NR Band n77	100	12.04	D	Left	Tilt	CW/SRS	N/A	N/A	N/A	1.1	0.000	52.04		

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-19
DSI = 0 P_{Limit} Calculations – GSM/UMTS Body-Worn SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
848.80	251	GSM 850	GSM	33.25	15 mm	A	1:8.3	back	0.260	29.90	29.90
1880.00	661	GSM 1900	GSM	30.45	15 mm	A	1:8.3	back	0.300	26.48	26.48
846.60	4233	UMTS 850	RMC	24.44	15 mm	A	1:1	back	0.316	29.44	29.44
1732.40	1412	UMTS 1750	RMC	23.64	15 mm	A	1:1	back	0.484	26.79	26.79
1852.40	9262	UMTS 1900	RMC	21.66	15 mm	A	1:1	back	0.333	26.44	24.73
1880.00	9400	UMTS 1900	RMC	21.83	15 mm	A	1:1	back	0.410	25.70	
1907.60	9538	UMTS 1900	RMC	22.02	15 mm	A	1:1	back	0.536	24.73	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-20
DSI = 0 P_{Limit} Calculations – LTE Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	15 mm	back	1:1	0.225	31.19	30.83
707.50	23095	Mid	LTE Band 12	10	23.64	A	QPSK	25	12	15 mm	back	1:1	0.191	30.83	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	15 mm	back	1:1	0.268	30.61	30.61
782.00	23230	Mid	LTE Band 13	10	23.89	A	QPSK	25	12	15 mm	back	1:1	0.212	30.63	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	15 mm	back	1:1	0.305	29.84	29.49
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	A	QPSK	36	37	15 mm	back	1:1	0.253	29.49	
1720.00	132072	Low	LTE Band 66 (AWS)	20	22.31	A	QPSK	1	50	15 mm	back	1:1	0.583	24.65	24.07
1745.00	132322	Mid	LTE Band 66 (AWS)	20	22.06	A	QPSK	1	50	15 mm	back	1:1	0.630	24.07	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	15 mm	back	1:1	0.609	24.96	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	15 mm	back	1:1	0.491	24.92	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	15 mm	back	1:1	0.070	31.89	31.57
1732.50	20175	Mid	LTE Band 4 (AWS)	20	19.20	J	QPSK	50	50	15 mm	back	1:1	0.058	31.57	
1905.00	26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	15 mm	back	1:1	0.384	26.56	26.56
1905.00	26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	15 mm	back	1:1	0.235	27.61	
1860.00	18700	Low	LTE Band 2 (PCS)	20	21.05	A	QPSK	1	99	15 mm	back	1:1	0.494	24.11	24.02
1880.00	18900	Mid	LTE Band 2 (PCS)	20	21.61	A	QPSK	1	50	15 mm	back	1:1	0.461	24.97	
1900.00	19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	15 mm	back	1:1	0.545	24.35	
1900.00	19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	15 mm	back	1:1	0.460	24.02	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-21
DSI = 0 P_{Limit} Calculations – LTE B41 Body-Worn SAR

FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
2593.00	40620	Mid	LTE Band 41	20	23.97	B	QPSK	1	50	15 mm	back	1:1.58	0.310	27.07	27.07
2593.00	40620	Mid	LTE Band 41	20	23.02	B	QPSK	50	25	15 mm	back	1:1.58	0.247	27.11	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-22
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.224	31.39	31.09
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.234	31.09	
836.50	167300	Mid	NR Band n5 (Cell)	20	23.90	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.164	31.75	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	15 mm	back	1:1	0.291	27.86	27.07
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.301	27.59	
1770.00	354000	High	NR Band n66 (AWS)	20	21.83	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.299	27.07	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.155	30.74	30.66
1720.00	344000	Low	NR Band n66 (AWS)	20	22.54	J	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.149	30.81	
1720.00	344000	Low	NR Band n66 (AWS)	20	20.91	J	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.106	30.66	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	15 mm	back	1:1	0.484	25.83	25.74
1860.00	372000	Low	NR Band n25 (PCS)	20	22.44	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.373	26.72	
1882.50	376500	Mid	NR Band n25 (PCS)	20	22.50	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.449	25.98	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	15 mm	back	1:1	0.513	25.74	
1905.00	381000	High	NR Band n25 (PCS)	20	21.04	A	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.332	25.83	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-23
DSI = 0 P_{Limit} Calculations – 5G n41 Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	15 mm	back	1:1	0.102	28.39	28.39
2592.99	518598	Mid	NR Band n41	100	18.36	J	DFT-S-OFDM	QPSK	135	69	15 mm	back	1:1	0.096	28.54	
2592.99	518598	Mid	NR Band n41	100	18.15	J	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.091	28.56	
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.131	25.24	25.24
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.016	31.09	31.09
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.087	26.22	26.22

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-24
DSI = 0 P_{Limit} Calculations – 5G n77 Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	15 mm	back	1:1	0.131	26.22	25.85
3500.01	633334	Mid	NR Band n77 DoD	100	17.16	F	DFT-S-OFDM	QPSK	135	0	15 mm	back	1:1	0.128	26.09	
3500.01	633334	Mid	NR Band n77 DoD	100	16.92	F	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.128	25.85	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.033	28.34	28.34
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.058	28.29	28.29
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.066	24.48	24.48
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	15 mm	back	1:1	0.125	26.79	26.43
3930.00	662000	High	NR Band n77	100	17.59	F	DFT-S-OFDM	QPSK	135	138	15 mm	back	1:1	0.122	26.73	
3930.00	662000	High	NR Band n77	100	17.26	F	CP-OFDM	QPSK	1	1	15 mm	back	1:1	0.121	26.43	
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.039	27.92	27.92
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.138	25.06	25.06
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	15 mm	back	1:1	0.031	27.13	27.13

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-25
DSI = 3 P_{Limit} Calculations – GPRS Hotspot SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
824.20	128	GSM 850	GPRS	29.08	10 mm	A	3	1:2.76	back	0.616	26.75	25.80
836.60	190	GSM 850	GPRS	29.66	10 mm	A	3	1:2.76	back	0.779	26.31	
848.80	251	GSM 850	GPRS	29.39	10 mm	A	3	1:2.76	back	0.825	25.80	
836.60	190	GSM 850	GPRS	29.66	10 mm	A	3	1:2.76	front	0.293	30.56	
836.60	190	GSM 850	GPRS	29.66	10 mm	A	3	1:2.76	bottom	0.248	31.29	
836.60	190	GSM 850	GPRS	29.66	10 mm	A	3	1:2.76	right	0.142	33.71	
836.60	190	GSM 850	GPRS	29.66	10 mm	A	3	1:2.76	left	0.259	31.10	
1909.80	810	GSM 1900	GPRS	20.80	10 mm	A	4	1:2.076	back	0.196	24.70	20.69
1909.80	810	GSM 1900	GPRS	20.80	10 mm	A	4	1:2.076	front	0.138	26.22	
1850.20	512	GSM 1900	GPRS	20.50	10 mm	A	4	1:2.076	bottom	0.460	20.69	
1880.00	661	GSM 1900	GPRS	20.60	10 mm	A	4	1:2.076	bottom	0.471	20.69	
1909.80	810	GSM 1900	GPRS	20.80	10 mm	A	4	1:2.076	bottom	0.486	20.75	
1909.80	810	GSM 1900	GPRS	20.80	10 mm	A	4	1:2.076	right	0.044	31.18	
1909.80	810	GSM 1900	GPRS	20.80	10 mm	A	4	1:2.076	left	0.029	33.00	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-26
DSI = 3 P_{Limit} Calculations – UMTS Hotspot SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
826.40	4132	UMTS 850	RMC	24.02	10 mm	A	1:1	back	0.493	27.09	26.64
836.60	4183	UMTS 850	RMC	24.28	10 mm	A	1:1	back	0.581	26.64	
846.60	4233	UMTS 850	RMC	24.44	10 mm	A	1:1	back	0.533	27.17	
846.60	4233	UMTS 850	RMC	24.44	10 mm	A	1:1	front	0.330	29.25	
846.60	4233	UMTS 850	RMC	24.44	10 mm	A	1:1	bottom	0.215	31.12	
846.60	4233	UMTS 850	RMC	24.44	10 mm	A	1:1	right	0.130	33.30	
846.60	4233	UMTS 850	RMC	24.44	10 mm	A	1:1	left	0.274	30.06	
1732.40	1412	UMTS 1750	RMC	19.92	10 mm	A	1:1	back	0.735	21.26	19.59
1732.40	1412	UMTS 1750	RMC	19.92	10 mm	A	1:1	front	0.616	22.02	
1712.40	1312	UMTS 1750	RMC	19.45	10 mm	A	1:1	bottom	0.914	19.84	
1732.40	1412	UMTS 1750	RMC	19.92	10 mm	A	1:1	bottom	1.080	19.59	
1752.60	1513	UMTS 1750	RMC	19.67	10 mm	A	1:1	bottom	0.877	20.24	
1732.40	1412	UMTS 1750	RMC	19.92	10 mm	A	1:1	right	0.107	29.63	
1732.40	1412	UMTS 1750	RMC	19.92	10 mm	A	1:1	left	0.074	31.23	
1907.60	9538	UMTS 1900	RMC	17.42	10 mm	A	1:1	back	0.368	21.76	18.34
1907.60	9538	UMTS 1900	RMC	17.42	10 mm	A	1:1	front	0.337	22.14	
1852.40	9262	UMTS 1900	RMC	17.21	10 mm	A	1:1	bottom	0.485	20.35	
1880.00	9400	UMTS 1900	RMC	17.26	10 mm	A	1:1	bottom	0.665	19.03	
1907.60	9538	UMTS 1900	RMC	17.42	10 mm	A	1:1	bottom	0.810	18.34	
1907.60	9538	UMTS 1900	RMC	17.42	10 mm	A	1:1	right	0.033	32.23	
1907.60	9538	UMTS 1900	RMC	17.42	10 mm	A	1:1	left	0.032	32.37	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-27
DSI = 3 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	10 mm	back	1:1	0.355	29.21	29.00
707.50	23095	Mid	LTE Band 12	10	23.64	A	QPSK	25	12	10 mm	back	1:1	0.291	29.00	
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	10 mm	front	1:1	0.242	30.87	
707.50	23095	Mid	LTE Band 12	10	23.64	A	QPSK	25	12	10 mm	front	1:1	0.186	30.94	
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	10 mm	bottom	1:1	0.108	34.38	
707.50	23095	Mid	LTE Band 12	10	23.64	A	QPSK	25	12	10 mm	bottom	1:1	0.094	33.89	
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	10 mm	right	1:1	0.165	32.54	
707.50	23095	Mid	LTE Band 12	10	23.64	A	QPSK	25	12	10 mm	right	1:1	0.127	32.60	
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	10 mm	left	1:1	0.211	31.47	
707.50	23095	Mid	LTE Band 12	10	23.64	A	QPSK	25	12	10 mm	left	1:1	0.179	31.11	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-28
DSI = 3 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	10 mm	back	1:1	0.494	27.95	27.95
782.00	23230	Mid	LTE Band 13	10	23.89	A	QPSK	25	12	10 mm	back	1:1	0.387	28.01	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	10 mm	front	1:1	0.337	29.61	
782.00	23230	Mid	LTE Band 13	10	23.89	A	QPSK	25	12	10 mm	front	1:1	0.266	29.64	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	10 mm	bottom	1:1	0.264	30.67	
782.00	23230	Mid	LTE Band 13	10	23.89	A	QPSK	25	12	10 mm	bottom	1:1	0.207	30.73	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	10 mm	right	1:1	0.138	33.49	
782.00	23230	Mid	LTE Band 13	10	23.89	A	QPSK	25	12	10 mm	right	1:1	0.108	33.56	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	10 mm	left	1:1	0.258	30.77	
782.00	23230	Mid	LTE Band 13	10	23.89	A	QPSK	25	12	10 mm	left	1:1	0.202	30.84	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-29
DSI = 3 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	10 mm	back	1:1	0.613	26.81	26.57
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	A	QPSK	36	37	10 mm	back	1:1	0.496	26.57	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	10 mm	front	1:1	0.361	29.10	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	A	QPSK	36	37	10 mm	front	1:1	0.286	28.96	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	10 mm	bottom	1:1	0.206	31.54	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	A	QPSK	36	37	10 mm	bottom	1:1	0.170	31.22	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	10 mm	right	1:1	0.112	34.19	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	A	QPSK	36	37	10 mm	right	1:1	0.086	34.18	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	10 mm	left	1:1	0.176	32.22	
831.50	26865	Mid	LTE Band 26 (Cell)	15	23.52	A	QPSK	36	37	10 mm	left	1:1	0.135	32.22	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-30
DSI = 3 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1770.00	132572	High	LTE Band 66 (AWS)	20	16.78	A	QPSK	1	50	10 mm	back	1:1	0.195	23.88	20.72
1770.00	132572	High	LTE Band 66 (AWS)	20	16.91	A	QPSK	50	25	10 mm	back	1:1	0.193	24.05	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.78	A	QPSK	1	50	10 mm	front	1:1	0.205	23.66	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.91	A	QPSK	50	25	10 mm	front	1:1	0.208	23.73	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.78	A	QPSK	1	50	10 mm	bottom	1:1	0.404	20.72	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.91	A	QPSK	50	25	10 mm	bottom	1:1	0.409	20.79	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.78	A	QPSK	1	50	10 mm	right	1:1	0.035	31.34	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.91	A	QPSK	50	25	10 mm	right	1:1	0.033	31.72	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.78	A	QPSK	1	50	10 mm	left	1:1	0.037	31.10	
1770.00	132572	High	LTE Band 66 (AWS)	20	16.91	A	QPSK	50	25	10 mm	left	1:1	0.037	31.23	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-31
DSI = 3 P_{Limit} Calculations – LTE Band 4 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	J	QPSK	1	50	10 mm	back	1:1	0.052	29.00	23.19
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	J	QPSK	50	25	10 mm	back	1:1	0.051	29.13	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	J	QPSK	1	50	10 mm	front	1:1	0.064	28.10	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	J	QPSK	50	25	10 mm	front	1:1	0.064	28.15	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	J	QPSK	1	50	10 mm	top	1:1	0.198	23.19	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	J	QPSK	50	25	10 mm	top	1:1	0.191	23.40	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.16	J	QPSK	1	50	10 mm	right	1:1	0.027	31.85	
1732.50	20175	Mid	LTE Band 4 (AWS)	20	16.21	J	QPSK	50	25	10 mm	right	1:1	0.025	32.23	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-32
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
1905.00	26590	High	LTE Band 25 (PCS)	20	17.54	A	QPSK	1	50	10 mm	back	1:1	0.194	24.66	19.79
1905.00	26590	High	LTE Band 25 (PCS)	20	17.45	A	QPSK	50	25	10 mm	back	1:1	0.194	24.57	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.54	A	QPSK	1	50	10 mm	front	1:1	0.198	24.57	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.45	A	QPSK	50	25	10 mm	front	1:1	0.194	24.57	
1860.00	26140	Low	LTE Band 25 (PCS)	20	17.17	A	QPSK	1	50	10 mm	bottom	1:1	0.465	20.50	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	17.44	A	QPSK	1	50	10 mm	bottom	1:1	0.530	20.20	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.54	A	QPSK	1	50	10 mm	bottom	1:1	0.588	19.85	
1860.00	26140	Low	LTE Band 25 (PCS)	20	17.15	A	QPSK	50	25	10 mm	bottom	1:1	0.461	20.51	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	17.34	A	QPSK	50	25	10 mm	bottom	1:1	0.506	20.30	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.45	A	QPSK	50	25	10 mm	bottom	1:1	0.583	19.79	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.33	A	QPSK	100	0	10 mm	bottom	1:1	0.552	19.91	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.54	A	QPSK	1	50	10 mm	right	1:1	0.025	33.56	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.45	A	QPSK	50	25	10 mm	right	1:1	0.024	33.65	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.54	A	QPSK	1	50	10 mm	left	1:1	0.030	32.77	
1905.00	26590	High	LTE Band 25 (PCS)	20	17.45	A	QPSK	50	25	10 mm	left	1:1	0.028	32.98	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-33
DSI = 3 P_{Limit} Calculations – LTE Band 2 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.30	A	QPSK	1	50	10 mm	back	1:1	0.144	24.72	20.46
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.26	A	QPSK	50	25	10 mm	back	1:1	0.136	24.92	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.30	A	QPSK	1	50	10 mm	front	1:1	0.161	24.23	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.26	A	QPSK	50	25	10 mm	front	1:1	0.163	24.14	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.30	A	QPSK	1	50	10 mm	bottom	1:1	0.384	20.46	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.26	A	QPSK	50	25	10 mm	bottom	1:1	0.380	20.46	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.30	A	QPSK	1	50	10 mm	right	1:1	0.019	33.51	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.26	A	QPSK	50	25	10 mm	right	1:1	0.018	33.71	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.30	A	QPSK	1	50	10 mm	left	1:1	0.026	32.15	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	16.26	A	QPSK	50	25	10 mm	left	1:1	0.026	32.11	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-34
DSI = 3 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Scaling Factor	Plimit	Overall Plimit
MHz	Ch.												(W/kg)			
2636.50	41055	Mid-High	LTE Band 41	20	21.91	B	QPSK	1	50	10 mm	back	1:1.58	0.346	1.285	24.54	20.59
2636.50	41055	Mid-High	LTE Band 41	20	21.94	B	QPSK	50	25	10 mm	back	1:1.58	0.388	1.276	24.07	
2636.50	41055	Mid-High	LTE Band 41	20	21.91	B	QPSK	1	50	10 mm	front	1:1.58	0.259	1.285	25.79	
2636.50	41055	Mid-High	LTE Band 41	20	21.94	B	QPSK	50	25	10 mm	front	1:1.58	0.291	1.276	25.32	
2506.00	39750	Low	LTE Band 41	20	21.54	B	QPSK	1	99	10 mm	bottom	1:1.58	0.762	1.400	20.74	
2549.50	40185	Low-Mid	LTE Band 41	20	21.83	B	QPSK	1	50	10 mm	bottom	1:1.58	0.708	1.309	21.35	
2593.00	40620	Mid	LTE Band 41	20	21.87	B	QPSK	1	50	10 mm	bottom	1:1.58	0.851	1.297	20.59	
2636.50	41055	Mid-High	LTE Band 41	20	21.91	B	QPSK	1	50	10 mm	bottom	1:1.58	0.580	1.285	22.29	
2680.00	41490	High	LTE Band 41	20	21.89	B	QPSK	1	99	10 mm	bottom	1:1.58	0.594	1.291	22.17	
2506.00	39750	Low	LTE Band 41	20	21.55	B	QPSK	50	25	10 mm	bottom	1:1.58	0.774	1.396	20.68	
2549.50	40185	Low-Mid	LTE Band 41	20	21.86	B	QPSK	50	25	10 mm	bottom	1:1.58	0.693	1.300	21.47	
2593.00	40620	Mid	LTE Band 41	20	21.92	B	QPSK	50	25	10 mm	bottom	1:1.58	0.845	1.282	20.67	
2636.50	41055	Mid-High	LTE Band 41	20	21.94	B	QPSK	50	25	10 mm	bottom	1:1.58	0.571	1.276	22.39	
2680.00	41490	High	LTE Band 41	20	21.91	B	QPSK	50	0	10 mm	bottom	1:1.58	0.597	1.285	22.17	
2593.00	40620	Mid	LTE Band 41	20	21.79	B	QPSK	100	0	10 mm	bottom	1:1.58	0.784	1.321	20.86	
2636.50	41055	Mid-High	LTE Band 41	20	21.91	B	QPSK	1	50	10 mm	right	1:1.58	0.235	1.285	26.22	
2636.50	41055	Mid-High	LTE Band 41	20	21.94	B	QPSK	50	25	10 mm	right	1:1.58	0.235	1.276	26.25	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-35
DSI = 3 P_{Limit} Calculations – NR Band n5 Hotspot SAR

MEASUREMENT RESULTS																	
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Reported SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)	(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	10 mm	back	1:1	0.496	0.342	27.94	27.49
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.536	0.378	27.49	
836.50	167300	Mid	NR Band n5 (Cell)	20	23.90	A	CP-OFDM	QPSK	1	1	10 mm	back	1:1	0.323	0.199	28.81	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	10 mm	front	1:1	0.332	0.244	29.68	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.356	0.267	29.27	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.145	0.094	33.28	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1:1	0.163	0.107	32.66	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	10 mm	right	1:1	0.083	0.064	35.70	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.073	0.059	36.15	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	10 mm	left	1:1	0.145	0.116	33.28	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.78	A	DFT-S-OFDM	QPSK	50	28	10 mm	left	1:1	0.134	0.110	33.51	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-36
DSI = 3 P_{Limit} Calculations – NR Band n66 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)	(W/kg)		
1770.00	354000	High	NR Band n66 (AWS)	20	18.70	A	DFT-S-OFDM	QPSK	1	104	10 mm	back	1:1	0.254	24.65	21.88
1770.00	354000	High	NR Band n66 (AWS)	20	18.64	A	DFT-S-OFDM	QPSK	50	0	10 mm	back	1:1	0.253	24.61	
1770.00	354000	High	NR Band n66 (AWS)	20	18.70	A	DFT-S-OFDM	QPSK	1	104	10 mm	front	1:1	0.194	25.82	
1770.00	354000	High	NR Band n66 (AWS)	20	18.64	A	DFT-S-OFDM	QPSK	50	0	10 mm	front	1:1	0.192	25.81	
1770.00	354000	High	NR Band n66 (AWS)	20	18.70	A	DFT-S-OFDM	QPSK	1	104	10 mm	bottom	1:1	0.481	21.88	
1770.00	354000	High	NR Band n66 (AWS)	20	18.64	A	DFT-S-OFDM	QPSK	50	0	10 mm	bottom	1:1	0.452	22.09	
1770.00	354000	High	NR Band n66 (AWS)	20	18.65	A	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.467	21.96	
1770.00	354000	High	NR Band n66 (AWS)	20	18.70	A	DFT-S-OFDM	QPSK	1	104	10 mm	right	1:1	0.035	33.26	
1770.00	354000	High	NR Band n66 (AWS)	20	18.64	A	DFT-S-OFDM	QPSK	50	0	10 mm	right	1:1	0.040	32.62	
1770.00	354000	High	NR Band n66 (AWS)	20	18.70	A	DFT-S-OFDM	QPSK	1	104	10 mm	left	1:1	0.040	32.68	
1770.00	354000	High	NR Band n66 (AWS)	20	18.64	A	DFT-S-OFDM	QPSK	50	0	10 mm	left	1:1	0.042	32.41	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	DFT-S-OFDM	QPSK	1	104	10 mm	back	1:1	0.096	29.30	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	DFT-S-OFDM	QPSK	50	56	10 mm	back	1:1	0.097	29.14	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	DFT-S-OFDM	QPSK	1	104	10 mm	front	1:1	0.099	29.16	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	DFT-S-OFDM	QPSK	50	56	10 mm	front	1:1	0.098	29.10	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	DFT-S-OFDM	QPSK	1	104	10 mm	top	1:1	0.318	24.10	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	DFT-S-OFDM	QPSK	50	56	10 mm	top	1:1	0.286	24.45	
1770.00	354000	High	NR Band n66 (AWS)	20	18.92	J	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.312	23.98	
1770.00	354000	High	NR Band n66 (AWS)	20	19.12	J	DFT-S-OFDM	QPSK	1	104	10 mm	right	1:1	0.044	32.69	
1770.00	354000	High	NR Band n66 (AWS)	20	19.01	J	DFT-S-OFDM	QPSK	50	56	10 mm	right	1:1	0.043	32.68	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-37
DSI = 3 P_{Limit} Calculations – NR Band n25 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1905.00	381000	High	NR Band n25 (PCS)	20	18.22	A	DFT-S-OFDM	QPSK	1	104	10 mm	back	1:1	0.405	22.15	18.59
1905.00	381000	High	NR Band n25 (PCS)	20	18.24	A	DFT-S-OFDM	QPSK	50	28	10 mm	back	1:1	0.402	22.20	
1905.00	381000	High	NR Band n25 (PCS)	20	18.22	A	DFT-S-OFDM	QPSK	1	104	10 mm	front	1:1	0.305	23.38	
1905.00	381000	High	NR Band n25 (PCS)	20	18.24	A	DFT-S-OFDM	QPSK	50	28	10 mm	front	1:1	0.319	23.20	
1860.00	372000	Low	NR Band n25 (PCS)	20	17.70	A	DFT-S-OFDM	QPSK	1	53	10 mm	bottom	1:1	0.645	19.60	
1882.50	376500	Mid	NR Band n25 (PCS)	20	17.74	A	DFT-S-OFDM	QPSK	1	104	10 mm	bottom	1:1	0.776	18.84	
1905.00	381000	High	NR Band n25 (PCS)	20	18.22	A	DFT-S-OFDM	QPSK	1	104	10 mm	bottom	1:1	0.839	18.98	
1860.00	372000	Low	NR Band n25 (PCS)	20	17.94	A	DFT-S-OFDM	QPSK	50	56	10 mm	bottom	1:1	0.705	19.46	
1882.50	376500	Mid	NR Band n25 (PCS)	20	17.95	A	DFT-S-OFDM	QPSK	50	0	10 mm	bottom	1:1	0.780	19.03	
1905.00	381000	High	NR Band n25 (PCS)	20	18.24	A	DFT-S-OFDM	QPSK	50	28	10 mm	bottom	1:1	0.923	18.59	
1905.00	381000	High	NR Band n25 (PCS)	20	18.21	A	DFT-S-OFDM	QPSK	100	0	10 mm	bottom	1:1	0.868	18.82	
1905.00	381000	High	NR Band n25 (PCS)	20	17.92	A	CP-OFDM	QPSK	1	1	10 mm	bottom	1:1	0.801	18.88	
1905.00	381000	High	NR Band n25 (PCS)	20	18.22	A	DFT-S-OFDM	QPSK	1	104	10 mm	right	1:1	0.035	32.78	
1905.00	381000	High	NR Band n25 (PCS)	20	18.24	A	DFT-S-OFDM	QPSK	50	28	10 mm	right	1:1	0.037	32.56	
1905.00	381000	High	NR Band n25 (PCS)	20	18.22	A	DFT-S-OFDM	QPSK	1	104	10 mm	left	1:1	0.036	32.66	
1905.00	381000	High	NR Band n25 (PCS)	20	18.24	A	DFT-S-OFDM	QPSK	50	28	10 mm	left	1:1	0.038	32.44	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-38
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2592.99	518598	Mid	NR Band n41	100	15.96	J	DFT-S-OFDM	QPSK	1	137	10 mm	back	1:1	0.203	22.89	19.73
2592.99	518598	Mid	NR Band n41	100	15.79	J	DFT-S-OFDM	QPSK	135	69	10 mm	back	1:1	0.186	23.09	
2592.99	518598	Mid	NR Band n41	100	15.96	J	DFT-S-OFDM	QPSK	1	137	10 mm	front	1:1	0.142	24.44	
2592.99	518598	Mid	NR Band n41	100	15.79	J	DFT-S-OFDM	QPSK	135	69	10 mm	front	1:1	0.134	24.52	
2592.99	518598	Mid	NR Band n41	100	15.96	J	DFT-S-OFDM	QPSK	1	137	10 mm	top	1:1	0.391	20.04	
2592.99	518598	Mid	NR Band n41	100	15.79	J	DFT-S-OFDM	QPSK	135	69	10 mm	top	1:1	0.367	20.14	
2592.99	518598	Mid	NR Band n41	100	15.50	J	CP-OFDM	QPSK	1	1	10 mm	top	1:1	0.378	19.73	
2592.99	518598	Mid	NR Band n41	100	15.96	J	DFT-S-OFDM	QPSK	1	137	10 mm	right	1:1	0.068	27.63	
2592.99	518598	Mid	NR Band n41	100	15.79	J	DFT-S-OFDM	QPSK	135	69	10 mm	right	1:1	0.067	27.53	
2592.99	518598	Mid	NR Band n41	100	14.95	B	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.258	20.83	
2592.99	518598	Mid	NR Band n41	100	14.95	B	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.223	21.47	17.77
2592.99	518598	Mid	NR Band n41	100	14.95	B	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.523	17.77	
2592.99	518598	Mid	NR Band n41	100	14.95	B	CW/SRS	N/A	N/A	N/A	10 mm	right	1:1	0.099	24.99	
2592.99	518598	Mid	NR Band n41	100	11.02	E	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.027	26.71	24.03
2592.99	518598	Mid	NR Band n41	100	11.02	E	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.050	24.03	
2592.99	518598	Mid	NR Band n41	100	11.02	E	CW/SRS	N/A	N/A	N/A	10 mm	top	1:1	0.026	26.87	
2592.99	518598	Mid	NR Band n41	100	11.02	E	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.011	30.61	
2592.99	518598	Mid	NR Band n41	100	14.08	D	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.214	20.78	20.78
2592.99	518598	Mid	NR Band n41	100	14.08	D	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.043	27.75	
2592.99	518598	Mid	NR Band n41	100	14.08	D	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.088	24.64	
2592.99	518598	Mid	NR Band n41	100	14.08	D	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.012	33.29	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-39
DSI = 3 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	DFT-S-OFDM	QPSK	1	271	10 mm	back	1:1	0.173	23.01	21.06
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	DFT-S-OFDM	QPSK	135	138	10 mm	back	1:1	0.166	22.98	
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	DFT-S-OFDM	QPSK	1	271	10 mm	front	1:1	0.072	26.82	
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	DFT-S-OFDM	QPSK	135	138	10 mm	front	1:1	0.076	26.37	
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	DFT-S-OFDM	QPSK	1	271	10 mm	top	1:1	0.059	27.68	
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	DFT-S-OFDM	QPSK	135	138	10 mm	top	1:1	0.058	27.55	
3500.01	633334	Mid	NR Band n77 DoD	100	15.39	F	DFT-S-OFDM	QPSK	1	271	10 mm	left	1:1	0.261	21.22	
3500.01	633334	Mid	NR Band n77 DoD	100	15.18	F	DFT-S-OFDM	QPSK	135	138	10 mm	left	1:1	0.258	21.06	
3500.01	633334	Mid	NR Band n77 DoD	100	14.82	F	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.233	21.15	
3500.01	633334	Mid	NR Band n77 DoD	100	11.56	C	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.026	27.41	23.71
3500.01	633334	Mid	NR Band n77 DoD	100	11.56	C	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.016	29.52	
3500.01	633334	Mid	NR Band n77 DoD	100	11.56	C	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.012	30.77	
3500.01	633334	Mid	NR Band n77 DoD	100	11.56	C	CW/SRS	N/A	N/A	N/A	10 mm	right	1:1	0.061	23.71	
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.131	22.79	23.71
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.020	30.95	
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	CW/SRS	N/A	N/A	N/A	10 mm	top	1:1	0.038	28.16	
3500.01	633334	Mid	NR Band n77 DoD	100	13.96	L	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.021	30.74	17.99
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	D	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.184	17.99	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	D	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.010	30.64	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	D	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.033	25.45	
3500.01	633334	Mid	NR Band n77 DoD	100	10.64	D	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.006	32.86	
3750.00	650000	Low	NR Band n77	100	15.72	F	DFT-S-OFDM	QPSK	1	271	10 mm	back	1:1	0.157	23.76	21.11
3750.00	650000	Low	NR Band n77	100	15.43	F	DFT-S-OFDM	QPSK	135	138	10 mm	back	1:1	0.144	23.85	
3750.00	650000	Low	NR Band n77	100	15.72	F	DFT-S-OFDM	QPSK	1	271	10 mm	front	1:1	0.074	27.03	
3750.00	650000	Low	NR Band n77	100	15.43	F	DFT-S-OFDM	QPSK	135	138	10 mm	front	1:1	0.068	27.10	
3750.00	650000	Low	NR Band n77	100	15.72	F	DFT-S-OFDM	QPSK	1	271	10 mm	top	1:1	0.055	28.32	
3750.00	650000	Low	NR Band n77	100	15.43	F	DFT-S-OFDM	QPSK	135	138	10 mm	top	1:1	0.056	27.95	
3750.00	650000	Low	NR Band n77	100	15.72	F	DFT-S-OFDM	QPSK	1	271	10 mm	left	1:1	0.289	21.11	
3750.00	650000	Low	NR Band n77	100	15.43	F	DFT-S-OFDM	QPSK	135	138	10 mm	left	1:1	0.268	21.15	
3750.00	650000	Low	NR Band n77	100	15.10	F	CP-OFDM	QPSK	1	1	10 mm	left	1:1	0.243	21.24	
3750.00	650000	Low	NR Band n77	100	11.78	C	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.079	22.80	21.91
3750.00	650000	Low	NR Band n77	100	11.78	C	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.032	26.73	
3750.00	650000	Low	NR Band n77	100	11.78	C	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.023	28.16	
3750.00	650000	Low	NR Band n77	100	11.78	C	CW/SRS	N/A	N/A	N/A	10 mm	right	1:1	0.097	21.91	
3750.00	650000	Low	NR Band n77	100	14.41	L	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.142	22.89	22.89
3750.00	650000	Low	NR Band n77	100	14.41	L	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.019	31.62	
3750.00	650000	Low	NR Band n77	100	14.41	L	CW/SRS	N/A	N/A	N/A	10 mm	top	1:1	0.036	28.85	
3750.00	650000	Low	NR Band n77	100	14.41	L	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.006	36.63	22.13
3750.00	650000	Low	NR Band n77	100	9.98	D	CW/SRS	N/A	N/A	N/A	10 mm	back	1:1	0.061	22.13	
3750.00	650000	Low	NR Band n77	100	9.98	D	CW/SRS	N/A	N/A	N/A	10 mm	front	1:1	0.002	36.97	
3750.00	650000	Low	NR Band n77	100	9.98	D	CW/SRS	N/A	N/A	N/A	10 mm	bottom	1:1	0.021	26.76	
3750.00	650000	Low	NR Band n77	100	9.98	D	CW/SRS	N/A	N/A	N/A	10 mm	left	1:1	0.002	36.97	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-40
DSI = 0 P_{Limit} Calculations – GPRS 850 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	GSM 850	GPRS	29.66	6 mm	A	3	1:2.76	back	0.730	30.58	29.86
836.60	190	GSM 850	GPRS	29.66	6 mm	A	3	1:2.76	front	0.430	32.87	
836.60	190	GSM 850	GPRS	29.66	12 mm	A	3	1:2.76	bottom	0.200	36.20	
836.60	190	GSM 850	GPRS	29.66	0 mm	A	3	1:2.76	right	0.860	29.86	
836.60	190	GSM 850	GPRS	29.66	0 mm	A	3	1:2.76	left	0.220	35.79	

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-41
DSI = 0 P_{Limit} Calculations – GPRS 1900 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
1909.80	810	GSM 1900	GPRS	26.36	6 mm	A	3	1:2.76	back	0.722	27.32	25.99
1909.80	810	GSM 1900	GPRS	26.36	6 mm	A	3	1:2.76	front	0.982	25.99	
1909.80	810	GSM 1900	GPRS	26.36	12 mm	A	3	1:2.76	bottom	0.717	27.35	
1909.80	810	GSM 1900	GPRS	26.36	0 mm	A	3	1:2.76	right	0.362	30.32	
1909.80	810	GSM 1900	GPRS	26.36	0 mm	A	3	1:2.76	left	0.226	32.37	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-42
DSI = 0 P_{Limit} Calculations – UMTS B5 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.								(W/kg)			
846.60	4233	UMTS 850	RMC	24.44	6 mm	A	1:1	back	0.580	30.79	28.69	
846.60	4233	UMTS 850	RMC	24.44	6 mm	A	1:1	front	0.350	32.98		
846.60	4233	UMTS 850	RMC	24.44	12 mm	A	1:1	bottom	0.210	35.20		
846.60	4233	UMTS 850	RMC	24.44	0 mm	A	1:1	right	0.940	28.69		
846.60	4233	UMTS 850	RMC	24.44	0 mm	A	1:1	left	0.190	35.63		

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.



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Table A-43
DSI = 0 P_{Limit} Calculations – UMTS B4 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1732.40	1412	UMTS 1750	RMC	23.64	6 mm	A	1:1	back	1.640	25.47	25.47
1732.40	1412	UMTS 1750	RMC	23.64	6 mm	A	1:1	front	1.350	26.32	
1732.40	1412	UMTS 1750	RMC	23.64	12 mm	A	1:1	bottom	1.200	26.83	
1732.40	1412	UMTS 1750	RMC	23.64	0 mm	A	1:1	right	0.712	29.09	
1732.40	1412	UMTS 1750	RMC	23.64	0 mm	A	1:1	left	0.320	32.57	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-44
DSI = 0 P_{Limit} Calculations – UMTS B2 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1907.60	9538	UMTS 1900	RMC	22.02	6 mm	A	1:1	back	1.050	25.79	25.79
1907.60	9538	UMTS 1900	RMC	22.02	6 mm	A	1:1	front	0.869	26.61	
1907.60	9538	UMTS 1900	RMC	22.02	12 mm	A	1:1	bottom	0.988	26.05	
1907.60	9538	UMTS 1900	RMC	22.02	0 mm	A	1:1	right	0.342	30.66	
1907.60	9538	UMTS 1900	RMC	22.02	0 mm	A	1:1	left	0.229	32.40	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-45
DSI = 0 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
Ch.												(W/kg)		
23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	6 mm	back	1:1	0.340	33.37	33.37
23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	6 mm	front	1:1	0.230	35.07	
23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	12 mm	bottom	1:1	0.140	37.23	
23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	0 mm	right	1:1	0.300	33.92	
23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	0 mm	left	1:1	0.160	36.65	

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-46
DSI = 0 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
Ch.												(W/kg)		
23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	6 mm	back	1:1	0.500	31.88	31.88
23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	6 mm	front	1:1	0.350	33.43	
23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	12 mm	bottom	1:1	0.250	34.89	
23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	0 mm	right	1:1	0.470	32.15	
23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	0 mm	left	1:1	0.240	35.07	

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-47
DSI = 0 P_{Limit} Calculations – LTE Band 26 Phablet SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
Ch.												(W/kg)		
26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	6 mm	back	1:1	0.610	30.81	28.75
26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	6 mm	front	1:1	0.350	33.22	
26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	12 mm	bottom	1:1	0.250	34.68	
26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	0 mm	right	1:1	0.980	28.75	
26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	0 mm	left	1:1	0.220	35.24	

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.



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Table A-48
DSI = 0 P_{Limit} Calculations – LTE Band 66 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	6 mm	back	1:1	1.180	26.07	26.03
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	6 mm	back	1:1	0.951	26.03	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	6 mm	front	1:1	0.824	27.63	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	6 mm	front	1:1	0.655	27.65	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	12 mm	bottom	1:1	0.792	27.80	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	12 mm	bottom	1:1	0.630	27.82	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	0 mm	right	1:1	0.387	30.91	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	0 mm	right	1:1	0.302	31.01	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	0 mm	left	1:1	0.253	32.76	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	0 mm	left	1:1	0.202	32.76	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-49
DSI = 0 P_{Limit} Calculations – LTE Band 4 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	back	1:1	0.600	26.54	21.02
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	front	1:1	1.060	24.07	
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	top	1:1	2.140	21.02	
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	right	1:1	0.170	32.01	

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




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Table A-50
DSI = 0 P_{Limit} Calculations – LTE Band 25 Phablet SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
Ch.	(W/kg)													
26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	6 mm	back	1:1	0.714	27.84	27.62
26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	6 mm	back	1:1	0.561	27.81	
26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	6 mm	front	1:1	0.538	29.07	
26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	6 mm	front	1:1	0.426	29.01	
26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	12 mm	bottom	1:1	0.749	27.63	
26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	12 mm	bottom	1:1	0.586	27.62	
26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	0 mm	right	1:1	0.282	31.88	
26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	0 mm	right	1:1	0.222	31.84	
26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	0 mm	left	1:1	0.157	34.42	
26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	0 mm	left	1:1	0.123	34.40	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-51
DSI = 0 P_{Limit} Calculations – LTE Band 2 Phablet SAR

MEASUREMENT RESULTS														
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
Ch.	(W/kg)													
19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	6 mm	back	1:1	0.879	26.25	25.64
19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	6 mm	back	1:1	0.687	26.26	
19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	6 mm	front	1:1	0.866	26.31	
19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	6 mm	front	1:1	0.643	26.55	
19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	12 mm	bottom	1:1	1.010	25.65	
19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	12 mm	bottom	1:1	0.792	25.64	
19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	0 mm	right	1:1	0.459	29.07	
19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	0 mm	right	1:1	0.370	28.95	
19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	0 mm	left	1:1	0.246	31.78	
19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	0 mm	left	1:1	0.197	31.68	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-52
DSI = 0 P_{Limit} Calculations – LTE Band 41 Phablet SAR

FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.											(W/kg)			
2593.00	40620	Mid	LTE Band 41	20	23.97	B	QPSK	1	50	6 mm	back	1:1.58	0.468	29.26	26.41
2593.00	40620	Mid	LTE Band 41	20	23.02	B	QPSK	50	25	6 mm	back	1:1.58	0.370	29.33	
2593.00	40620	Mid	LTE Band 41	20	23.97	B	QPSK	1	50	6 mm	front	1:1.58	0.370	30.28	
2593.00	40620	Mid	LTE Band 41	20	23.02	B	QPSK	50	25	6 mm	front	1:1.58	0.299	30.26	
2593.00	40620	Mid	LTE Band 41	20	23.97	B	QPSK	1	50	12 mm	bottom	1:1.58	0.477	29.18	
2593.00	40620	Mid	LTE Band 41	20	23.02	B	QPSK	50	25	12 mm	bottom	1:1.58	0.384	29.17	
2593.00	40620	Mid	LTE Band 41	20	23.97	B	QPSK	1	50	0 mm	right	1:1.58	0.896	26.44	
2593.00	40620	Mid	LTE Band 41	20	23.02	B	QPSK	50	25	0 mm	right	1:1.58	0.726	26.41	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-53
DSI = 0 P_{Limit} Calculations – NR Band n5 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	6 mm	back	1:1	0.350	33.43	29.89
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	6 mm	front	1:1	0.230	35.25	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	12 mm	bottom	1:1	0.110	38.46	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.790	29.89	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.170	36.56	

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.



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Table A-54
DSI = 0 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.												(W/kg)			
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	6 mm	back	1:1	0.643	28.40	27.80
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	6 mm	back	1:1	0.633	28.35	
1770.00	354000	High	NR Band n66 (AWS)	20	21.83	A	CP-OFDM	QPSK	1	1	6 mm	back	1:1	0.633	27.80	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	6 mm	front	1:1	0.526	29.27	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	6 mm	front	1:1	0.531	29.11	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	12 mm	bottom	1:1	0.397	30.49	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	12 mm	bottom	1:1	0.402	30.32	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	0 mm	right	1:1	0.161	34.41	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.160	34.32	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	0 mm	left	1:1	0.115	35.87	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.111	35.91	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	1.030	26.49	22.73
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.780	24.12	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	2.450	22.73	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.300	31.85	

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-55
DSI = 0 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.												(W/kg)			
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	6 mm	back	1:1	1.120	26.17	26.17
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	6 mm	back	1:1	1.130	26.29	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	6 mm	front	1:1	0.927	26.99	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	6 mm	front	1:1	0.941	27.08	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	12 mm	bottom	1:1	0.997	26.67	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	12 mm	bottom	1:1	1.070	26.53	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	0 mm	right	1:1	0.416	30.47	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.445	30.34	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	0 mm	left	1:1	0.215	33.34	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.230	33.20	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-56
DSI = 0 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.												(W/kg)			
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.293	27.79	18.80
2592.99	518598	Mid	NR Band n41	100	18.36	J	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.286	27.78	
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.724	23.86	
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	1.970	19.51	
2592.99	518598	Mid	NR Band n41	100	18.36	J	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	1.960	19.42	
2592.99	518598	Mid	NR Band n41	100	18.21	J	DFT-S-OFDM	QPSK	270	0	0 mm	top	1:1	2.180	18.80	
2592.99	518598	Mid	NR Band n41	100	18.15	J	CP-OFDM	QPSK	1	1	0 mm	top	1:1	2.100	18.91	
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.091	32.87	
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.998	20.40	20.40
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.632	22.38	
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.978	20.49	
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	0.204	27.29	
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.223	23.63	23.47
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.231	23.47	
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.097	27.24	
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.213	23.83	
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.888	20.12	20.12
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.092	29.96	
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.132	28.39	
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.011	39.19	

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.



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Table A-57
DSI = 0 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.656	23.20	17.50
3500.01	633334	Mid	NR Band n77 DoD	100	17.16	F	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	0.662	22.93	
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.464	24.70	
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.175	28.94	
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	2.360	17.64	
3500.01	633334	Mid	NR Band n77 DoD	100	17.16	F	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	2.310	17.50	
3500.01	633334	Mid	NR Band n77 DoD	100	17.12	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	2.090	17.90	
3500.01	633334	Mid	NR Band n77 DoD	100	16.92	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.170	17.53	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.094	27.78	20.78
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.069	29.12	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.021	34.29	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	0.471	20.78	
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.859	20.56	20.56
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.188	27.16	
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.115	29.29	
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.029	35.28	
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.519	19.51	19.51
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.045	30.13	
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.079	27.68	
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.028	32.19	
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	1.070	21.45	17.45
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	front	1:1	0.458	25.13	
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	top	1:1	0.250	27.76	
3750.00	650000	Low	NR Band n77	100	17.75	F	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	2.680	17.45	
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	2.660	17.49	
3750.00	650000	Low	NR Band n77	100	17.55	F	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	2.480	17.58	
3930.00	662000	High	NR Band n77	100	17.59	F	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	2.310	17.93	
3930.00	662000	High	NR Band n77	100	17.22	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	2.370	17.45	
3930.00	662000	High	NR Band n77	100	17.26	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.350	17.53	
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.151	26.02	20.49
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.123	26.91	
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.059	30.10	
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	0.539	20.49	
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.615	22.55	22.55
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.030	35.67	
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.043	34.10	
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.014	38.98	
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.218	22.63	22.63
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.021	32.80	
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.037	30.34	
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.000	56.02	

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.




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Table A-58
DSI = 1 P_{Limit} Calculations – GPRS 850 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	GSM 850	GPRS	29.66	0 mm	A	3	1:2.76	back	1.380	27.81	27.22
836.60	190	GSM 850	GPRS	29.66	0 mm	A	3	1:2.76	front	1.580	27.22	
836.60	190	GSM 850	GPRS	29.66	0 mm	A	3	1:2.76	bottom	1.210	28.38	
836.60	190	GSM 850	GPRS	29.66	0 mm	A	3	1:2.76	right	0.860	29.86	
836.60	190	GSM 850	GPRS	29.66	0 mm	A	3	1:2.76	left	0.220	35.79	

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-59
DSI = 1 P_{Limit} Calculations – GPRS 1900 Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	# of Time Slots	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
1850.20	512	GSM 1900	GPRS	21.14	0 mm	A	4	1:2.076	back	0.828	22.76	21.93
1850.20	512	GSM 1900	GPRS	21.14	0 mm	A	4	1:2.076	front	0.812	22.84	
1850.20	512	GSM 1900	GPRS	21.14	0 mm	A	4	1:2.076	bottom	0.884	22.47	
1880.00	661	GSM 1900	GPRS	21.08	0 mm	A	4	1:2.076	bottom	0.989	21.93	
1909.80	810	GSM 1900	GPRS	21.06	0 mm	A	4	1:2.076	bottom	0.964	22.02	
1909.80	810	GSM 1900	GPRS	26.36	0 mm	A	3	1:2.76	right	0.362	30.32	
1909.80	810	GSM 1900	GPRS	26.36	0 mm	A	3	1:2.76	left	0.226	32.37	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-60
DSI = 1 P_{Limit} Calculations – UMTS B5 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	UMTS 850	RMC	24.44	0 mm	A	1:1	back	1.190	27.66	26.57
846.60	4233	UMTS 850	RMC	24.44	0 mm	A	1:1	front	1.530	26.57	
846.60	4233	UMTS 850	RMC	24.44	0 mm	A	1:1	bottom	1.050	28.21	
846.60	4233	UMTS 850	RMC	24.44	0 mm	A	1:1	right	0.940	28.69	
846.60	4233	UMTS 850	RMC	24.44	0 mm	A	1:1	left	0.190	35.63	

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-61
DSI = 1 P_{Limit} Calculations – UMTS B4 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1732.40	1412	UMTS 1750	RMC	19.92	0 mm	A	1:1	back	1.520	22.08	20.57
1732.40	1412	UMTS 1750	RMC	19.92	0 mm	A	1:1	front	1.560	21.97	
1712.40	1312	UMTS 1750	RMC	19.45	0 mm	A	1:1	bottom	1.930	20.57	
1732.40	1412	UMTS 1750	RMC	19.92	0 mm	A	1:1	bottom	1.980	20.93	
1752.60	1513	UMTS 1750	RMC	19.67	0 mm	A	1:1	bottom	1.940	20.77	
1732.40	1412	UMTS 1750	RMC	23.64	0 mm	A	1:1	right	0.712	29.09	
1732.40	1412	UMTS 1750	RMC	23.64	0 mm	A	1:1	left	0.320	32.57	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-62
DSI = 1 P_{Limit} Calculations – UMTS B2 Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Mode	Service	Conducted Power [dBm]	Spacing	Antenna Config.	Duty Cycle	Side	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1907.60	9538	UMTS 1900	RMC	18.87	0 mm	A	1:1	back	1.250	21.88	20.02
1907.60	9538	UMTS 1900	RMC	18.87	0 mm	A	1:1	front	1.150	22.24	
1852.40	9262	UMTS 1900	RMC	18.29	0 mm	A	1:1	bottom	1.680	20.02	
1880.00	9400	UMTS 1900	RMC	18.55	0 mm	A	1:1	bottom	1.750	20.10	
1907.60	9538	UMTS 1900	RMC	18.87	0 mm	A	1:1	bottom	1.820	20.25	
1907.60	9538	UMTS 1900	RMC	22.02	0 mm	A	1:1	right	0.342	30.66	
1907.60	9538	UMTS 1900	RMC	22.02	0 mm	A	1:1	left	0.229	32.40	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	0 mm	back	1:1	1.480	26.99	26.99
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	0 mm	front	1:1	1.290	27.58	
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	0 mm	bottom	1:1	1.300	27.55	
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	0 mm	right	1:1	0.300	33.92	
707.50	23095	Mid	LTE Band 12	10	24.71	A	QPSK	1	0	0 mm	left	1:1	0.160	36.65	

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

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	0 mm	back	1:1	1.570	26.91	26.91
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	0 mm	front	1:1	1.320	27.66	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	0 mm	bottom	1:1	1.350	27.57	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	0 mm	right	1:1	0.470	32.15	
782.00	23230	Mid	LTE Band 13	10	24.89	A	QPSK	1	25	0 mm	left	1:1	0.240	35.07	

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.




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Table A-65
DSI = 1 P_{Limit} Calculations – LTE Band 26 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	0 mm	back	1:1	1.450	27.05	26.70
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	0 mm	front	1:1	1.570	26.70	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	0 mm	bottom	1:1	1.090	28.29	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	0 mm	right	1:1	0.980	28.75	
831.50	26865	Mid	LTE Band 26 (Cell)	15	24.68	A	QPSK	1	36	0 mm	left	1:1	0.220	35.24	

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-66
DSI = 1 P_{Limit} Calculations – LTE Band 66 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1770.00	132572	High	LTE Band 66 (AWS)	20	18.79	A	QPSK	1	50	0 mm	back	1:1	1.120	22.28	21.22
1770.00	132572	High	LTE Band 66 (AWS)	20	18.92	A	QPSK	50	25	0 mm	back	1:1	1.120	22.41	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.79	A	QPSK	1	50	0 mm	front	1:1	1.010	22.73	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.92	A	QPSK	50	25	0 mm	front	1:1	1.020	22.81	
1720.00	132072	Low	LTE Band 66 (AWS)	20	18.61	A	QPSK	1	50	0 mm	bottom	1:1	1.370	21.22	
1745.00	132322	Mid	LTE Band 66 (AWS)	20	18.68	A	QPSK	1	50	0 mm	bottom	1:1	1.340	21.39	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.79	A	QPSK	1	50	0 mm	bottom	1:1	1.380	21.37	
1770.00	132572	High	LTE Band 66 (AWS)	20	18.92	A	QPSK	50	25	0 mm	bottom	1:1	1.390	21.47	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	0 mm	right	1:1	0.387	30.91	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	0 mm	right	1:1	0.302	31.01	
1770.00	132572	High	LTE Band 66 (AWS)	20	22.81	A	QPSK	1	50	0 mm	left	1:1	0.253	32.76	
1770.00	132572	High	LTE Band 66 (AWS)	20	21.83	A	QPSK	50	25	0 mm	left	1:1	0.202	32.76	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-67
DSI = 1 P_{Limit} Calculations – LTE Band 4 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	back	1:1	0.600	26.54	21.02
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	front	1:1	1.060	24.07	
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	top	1:1	2.140	21.02	
1732.50	20175	Md	LTE Band 4 (AWS)	20	20.34	J	QPSK	1	99	0 mm	right	1:1	0.170	32.01	

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-68
DSI = 1 P_{Limit} Calculations – LTE Band 25 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1905.00	26590	High	LTE Band 25 (PCS)	20	19.37	A	QPSK	1	50	0 mm	back	1:1	0.825	24.18	21.24
1905.00	26590	High	LTE Band 25 (PCS)	20	19.30	A	QPSK	50	25	0 mm	back	1:1	0.824	24.12	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.37	A	QPSK	1	50	0 mm	front	1:1	0.918	23.72	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.30	A	QPSK	50	25	0 mm	front	1:1	0.918	23.65	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.37	A	QPSK	1	50	0 mm	bottom	1:1	1.340	22.08	
1860.00	26140	Low	LTE Band 25 (PCS)	20	18.93	A	QPSK	50	25	0 mm	bottom	1:1	1.470	21.24	
1882.50	26365	Mid	LTE Band 25 (PCS)	20	19.13	A	QPSK	50	25	0 mm	bottom	1:1	1.380	21.71	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.30	A	QPSK	50	25	0 mm	bottom	1:1	1.380	21.88	
1905.00	26590	High	LTE Band 25 (PCS)	20	19.17	A	QPSK	100	0	0 mm	bottom	1:1	1.340	21.88	
1905.00	26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	0 mm	right	1:1	0.282	31.88	
1905.00	26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	0 mm	right	1:1	0.222	31.84	
1905.00	26590	High	LTE Band 25 (PCS)	20	22.40	A	QPSK	1	50	0 mm	left	1:1	0.157	34.42	
1905.00	26590	High	LTE Band 25 (PCS)	20	21.32	A	QPSK	50	25	0 mm	left	1:1	0.123	34.40	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-69
DSI = 1 P_{Limit} Calculations – LTE Band 2 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)													
1900.00	19100	High	LTE Band 2 (PCS)	20	18.77	A	QPSK	1	50	0 mm	back	1:1	1.430	21.20	19.44
1900.00	19100	High	LTE Band 2 (PCS)	20	18.68	A	QPSK	50	25	0 mm	back	1:1	1.400	21.20	
1900.00	19100	High	LTE Band 2 (PCS)	20	18.77	A	QPSK	1	50	0 mm	front	1:1	1.400	21.29	
1900.00	19100	High	LTE Band 2 (PCS)	20	18.68	A	QPSK	50	25	0 mm	front	1:1	1.380	21.26	
1860.00	18700	Low	LTE Band 2 (PCS)	20	18.11	A	QPSK	1	99	0 mm	bottom	1:1	1.840	19.44	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	18.62	A	QPSK	1	50	0 mm	bottom	1:1	1.810	20.02	
1900.00	19100	High	LTE Band 2 (PCS)	20	18.77	A	QPSK	1	50	0 mm	bottom	1:1	1.920	19.92	
1860.00	18700	Low	LTE Band 2 (PCS)	20	18.35	A	QPSK	50	25	0 mm	bottom	1:1	1.870	19.61	
1880.00	18900	Mid	LTE Band 2 (PCS)	20	18.53	A	QPSK	50	50	0 mm	bottom	1:1	1.850	19.84	
1900.00	19100	High	LTE Band 2 (PCS)	20	18.68	A	QPSK	50	25	0 mm	bottom	1:1	1.900	19.87	
1900.00	19100	High	LTE Band 2 (PCS)	20	18.52	A	QPSK	100	0	0 mm	bottom	1:1	1.860	19.80	
1900.00	19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	0 mm	right	1:1	0.459	29.07	
1900.00	19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	0 mm	right	1:1	0.370	28.95	
1900.00	19100	High	LTE Band 2 (PCS)	20	21.71	A	QPSK	1	50	0 mm	left	1:1	0.246	31.78	
1900.00	19100	High	LTE Band 2 (PCS)	20	20.65	A	QPSK	50	25	0 mm	left	1:1	0.197	31.68	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-70
DSI = 1 P_{Limit} Calculations – LTE Band 41 Phablet SAR

FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config.	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.											(W/kg)			
2506.00	39750	Low	LTE Band 41	20	21.54	B	QPSK	1	99	0 mm	back	1:1.58	1.860	20.84	20.27
2549.50	40185	Low-Mid	LTE Band 41	20	21.83	B	QPSK	1	50	0 mm	back	1:1.58	1.760	21.37	
2593.00	40620	Mid	LTE Band 41	20	21.87	B	QPSK	1	50	0 mm	back	1:1.58	2.110	20.62	
2636.50	41055	Mid-High	LTE Band 41	20	21.91	B	QPSK	1	50	0 mm	back	1:1.58	2.310	20.27	
2680.00	41490	High	LTE Band 41	20	21.89	B	QPSK	1	99	0 mm	back	1:1.58	2.280	20.31	
2506.00	39750	Low	LTE Band 41	20	21.55	B	QPSK	50	25	0 mm	back	1:1.58	1.850	20.87	
2549.50	40185	Low-Mid	LTE Band 41	20	21.86	B	QPSK	50	25	0 mm	back	1:1.58	1.750	21.43	
2593.00	40620	Mid	LTE Band 41	20	21.92	B	QPSK	50	25	0 mm	back	1:1.58	2.030	20.84	
2636.50	41055	Mid-High	LTE Band 41	20	21.94	B	QPSK	50	25	0 mm	back	1:1.58	2.320	20.28	
2680.00	41490	High	LTE Band 41	20	21.91	B	QPSK	50	0	0 mm	back	1:1.58	2.250	20.38	
2593.00	40620	Mid	LTE Band 41	20	21.79	B	QPSK	100	0	0 mm	back	1:1.58	1.990	20.80	
2636.50	41055	Mid-High	LTE Band 41	20	21.91	B	QPSK	1	50	0 mm	front	1:1.58	1.030	23.78	
2636.50	41055	Mid-High	LTE Band 41	20	21.94	B	QPSK	50	25	0 mm	front	1:1.58	0.999	23.94	
2506.00	39750	Low	LTE Band 41	20	21.54	B	QPSK	1	99	0 mm	bottom	1:1.58	1.810	20.96	
2549.50	40185	Low-Mid	LTE Band 41	20	21.83	B	QPSK	1	50	0 mm	bottom	1:1.58	1.960	20.90	
2593.00	40620	Mid	LTE Band 41	20	21.87	B	QPSK	1	50	0 mm	bottom	1:1.58	2.020	20.81	
2636.50	41055	Mid-High	LTE Band 41	20	21.91	B	QPSK	1	50	0 mm	bottom	1:1.58	2.090	20.70	
2680.00	41490	High	LTE Band 41	20	21.89	B	QPSK	1	99	0 mm	bottom	1:1.58	2.020	20.83	
2506.00	39750	Low	LTE Band 41	20	21.55	B	QPSK	50	25	0 mm	bottom	1:1.58	1.950	20.65	
2549.50	40185	Low-Mid	LTE Band 41	20	21.86	B	QPSK	50	25	0 mm	bottom	1:1.58	1.970	20.91	
2593.00	40620	Mid	LTE Band 41	20	21.92	B	QPSK	50	25	0 mm	bottom	1:1.58	2.020	20.86	
2636.50	41055	Mid-High	LTE Band 41	20	21.94	B	QPSK	50	25	0 mm	bottom	1:1.58	2.110	20.69	
2680.00	41490	High	LTE Band 41	20	21.91	B	QPSK	50	0	0 mm	bottom	1:1.58	2.070	20.75	
2593.00	40620	Mid	LTE Band 41	20	21.79	B	QPSK	100	0	0 mm	bottom	1:1.58	1.990	20.80	
2593.00	40620	Mid	LTE Band 41	20	23.97	B	QPSK	1	50	0 mm	right	1:1.58	0.896	26.44	
2593.00	40620	Mid	LTE Band 41	20	23.02	B	QPSK	50	25	0 mm	right	1:1.58	0.726	26.41	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-71
DSI = 1 P_{Limit} Calculations – NR Band n5 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	1.280	27.80	27.47
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.380	27.47	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	1.090	28.50	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.790	29.89	
836.50	167300	Mid	NR Band n5 (Cell)	20	24.89	A	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	0.170	36.56	

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-72
DSI = 1 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
1770.00	354000	High	NR Band n66 (AWS)	20	20.09	A	DFT-S-OFDM	QPSK	1	104	0 mm	back	1:1	1.210	23.24	22.10
1770.00	354000	High	NR Band n66 (AWS)	20	20.13	A	DFT-S-OFDM	QPSK	50	56	0 mm	back	1:1	1.100	23.70	
1770.00	354000	High	NR Band n66 (AWS)	20	20.09	A	DFT-S-OFDM	QPSK	1	104	0 mm	front	1:1	1.060	23.82	
1770.00	354000	High	NR Band n66 (AWS)	20	20.13	A	DFT-S-OFDM	QPSK	50	56	0 mm	front	1:1	1.040	23.94	
1720.00	344000	Low	NR Band n66 (AWS)	20	20.08	A	DFT-S-OFDM	QPSK	1	1	0 mm	bottom	1:1	1.570	22.10	
1745.00	349000	Mid	NR Band n66 (AWS)	20	20.00	A	DFT-S-OFDM	QPSK	1	104	0 mm	bottom	1:1	1.470	22.31	
1770.00	354000	High	NR Band n66 (AWS)	20	20.09	A	DFT-S-OFDM	QPSK	1	104	0 mm	bottom	1:1	1.430	22.52	
1770.00	354000	High	NR Band n66 (AWS)	20	20.13	A	DFT-S-OFDM	QPSK	50	56	0 mm	bottom	1:1	1.260	23.11	
1770.00	354000	High	NR Band n66 (AWS)	20	20.06	A	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	1.480	22.34	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	0 mm	right	1:1	0.161	34.41	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.160	34.32	
1770.00	354000	High	NR Band n66 (AWS)	20	22.50	A	DFT-S-OFDM	QPSK	1	104	0 mm	left	1:1	0.115	35.87	
1770.00	354000	High	NR Band n66 (AWS)	20	22.38	A	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.111	35.91	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	1.030	26.49	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	1.780	24.12	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	2.450	22.73	
1720.00	344000	Low	NR Band n66 (AWS)	20	22.64	J	DFT-S-OFDM	QPSK	1	1	0 mm	right	1:1	0.300	31.85	

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.




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Table A-73
DSI = 1 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.												(W/kg)			
1905.00	381000	High	NR Band n25 (PCS)	20	20.26	A	DFT-S-OFDM	QPSK	1	104	0 mm	back	1:1	1.500	22.48	20.82
1860.00	372000	Low	NR Band n25 (PCS)	20	19.92	A	DFT-S-OFDM	QPSK	50	28	0 mm	back	1:1	1.300	22.76	
1882.50	376500	Mid	NR Band n25 (PCS)	20	19.96	A	DFT-S-OFDM	QPSK	50	28	0 mm	back	1:1	1.550	22.04	
1905.00	381000	High	NR Band n25 (PCS)	20	20.26	A	DFT-S-OFDM	QPSK	50	28	0 mm	back	1:1	1.600	22.20	
1905.00	381000	High	NR Band n25 (PCS)	20	20.25	A	DFT-S-OFDM	QPSK	100	0	0 mm	back	1:1	1.610	22.16	
1905.00	381000	High	NR Band n25 (PCS)	20	20.26	A	DFT-S-OFDM	QPSK	1	104	0 mm	front	1:1	1.450	22.63	
1860.00	372000	Low	NR Band n25 (PCS)	20	19.92	A	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	1.350	22.60	
1882.50	376500	Mid	NR Band n25 (PCS)	20	19.96	A	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	1.440	22.36	
1905.00	381000	High	NR Band n25 (PCS)	20	20.26	A	DFT-S-OFDM	QPSK	50	28	0 mm	front	1:1	1.590	22.23	
1905.00	381000	High	NR Band n25 (PCS)	20	20.25	A	DFT-S-OFDM	QPSK	100	0	0 mm	front	1:1	1.510	22.44	
1860.00	372000	Low	NR Band n25 (PCS)	20	19.70	A	DFT-S-OFDM	QPSK	1	104	0 mm	bottom	1:1	1.900	20.89	
1882.50	376500	Mid	NR Band n25 (PCS)	20	19.84	A	DFT-S-OFDM	QPSK	1	104	0 mm	bottom	1:1	1.900	21.03	
1905.00	381000	High	NR Band n25 (PCS)	20	20.26	A	DFT-S-OFDM	QPSK	1	104	0 mm	bottom	1:1	1.720	21.88	
1860.00	372000	Low	NR Band n25 (PCS)	20	19.92	A	DFT-S-OFDM	QPSK	50	28	0 mm	bottom	1:1	2.020	20.85	
1882.50	376500	Mid	NR Band n25 (PCS)	20	19.96	A	DFT-S-OFDM	QPSK	50	28	0 mm	bottom	1:1	2.050	20.82	
1905.00	381000	High	NR Band n25 (PCS)	20	20.26	A	DFT-S-OFDM	QPSK	50	28	0 mm	bottom	1:1	2.090	21.04	
1905.00	381000	High	NR Band n25 (PCS)	20	20.25	A	DFT-S-OFDM	QPSK	100	0	0 mm	bottom	1:1	2.090	21.03	
1905.00	381000	High	NR Band n25 (PCS)	20	19.88	A	CP-OFDM	QPSK	1	1	0 mm	bottom	1:1	1.880	21.12	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	0 mm	right	1:1	0.416	30.47	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	0 mm	right	1:1	0.445	30.34	
1905.00	381000	High	NR Band n25 (PCS)	20	22.68	A	DFT-S-OFDM	QPSK	1	53	0 mm	left	1:1	0.215	33.34	
1905.00	381000	High	NR Band n25 (PCS)	20	22.84	A	DFT-S-OFDM	QPSK	50	28	0 mm	left	1:1	0.230	33.20	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



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Table A-74
DSI = 1 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}	
MHz	Ch.												(W/kg)			
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	back	1:1	0.293	27.79	18.80
2592.99	518598	Mid	NR Band n41	100	18.36	J	DFT-S-OFDM	QPSK	135	69	0 mm	back	1:1	0.286	27.78	
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	front	1:1	0.724	23.86	
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	top	1:1	1.970	19.51	
2592.99	518598	Mid	NR Band n41	100	18.36	J	DFT-S-OFDM	QPSK	135	69	0 mm	top	1:1	1.960	19.42	
2592.99	518598	Mid	NR Band n41	100	18.21	J	DFT-S-OFDM	QPSK	270	0	0 mm	top	1:1	2.180	18.80	
2592.99	518598	Mid	NR Band n41	100	18.15	J	CP-OFDM	QPSK	1	1	0 mm	top	1:1	2.100	18.91	
2592.99	518598	Mid	NR Band n41	100	18.48	J	DFT-S-OFDM	QPSK	1	137	0 mm	right	1:1	0.091	32.87	
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.998	20.40	20.40
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.632	22.38	
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.978	20.49	
2592.99	518598	Mid	NR Band n41	100	16.41	B	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	0.204	27.29	
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.223	23.63	23.47
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.231	23.47	
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.097	27.24	
2592.99	518598	Mid	NR Band n41	100	13.13	E	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.213	23.83	
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.888	20.12	20.12
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.092	29.96	
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.132	28.39	
2592.99	518598	Mid	NR Band n41	100	15.62	D	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.011	39.19	

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
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Table A-75
DSI = 1 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Mode	Bandwidth [MHz]	Conducted Power [dBm]	Antenna Config	Waveform	Modulation	RB Size	RB Offset	Spacing	Side	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	back	1:1	0.656	23.20	17.50
3500.01	633334	Mid	NR Band n77 DoD	100	17.16	F	DFT-S-OFDM	QPSK	135	0	0 mm	back	1:1	0.662	22.93	
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	front	1:1	0.464	24.70	
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	top	1:1	0.175	28.94	
3500.01	633334	Mid	NR Band n77 DoD	100	17.39	F	DFT-S-OFDM	QPSK	1	1	0 mm	left	1:1	2.360	17.64	
3500.01	633334	Mid	NR Band n77 DoD	100	17.16	F	DFT-S-OFDM	QPSK	135	0	0 mm	left	1:1	2.310	17.50	
3500.01	633334	Mid	NR Band n77 DoD	100	17.12	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	2.090	17.90	
3500.01	633334	Mid	NR Band n77 DoD	100	16.92	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.170	17.53	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.094	27.78	20.78
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.069	29.12	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.021	34.29	
3500.01	633334	Mid	NR Band n77 DoD	100	13.53	C	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	0.471	20.78	
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.859	20.56	20.56
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.188	27.16	
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.115	29.29	
3500.01	633334	Mid	NR Band n77 DoD	100	15.92	L	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.029	35.28	
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.519	19.51	19.51
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.045	30.13	
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.079	27.68	
3500.01	633334	Mid	NR Band n77 DoD	100	12.68	D	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.028	32.19	
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	back	1:1	1.070	21.45	17.45
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	front	1:1	0.458	25.13	
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	top	1:1	0.250	27.76	
3750.00	650000	Low	NR Band n77	100	17.75	F	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	2.680	17.45	
3930.00	662000	High	NR Band n77	100	17.76	F	DFT-S-OFDM	QPSK	1	271	0 mm	left	1:1	2.660	17.49	
3750.00	650000	Low	NR Band n77	100	17.55	F	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	2.480	17.58	
3930.00	662000	High	NR Band n77	100	17.59	F	DFT-S-OFDM	QPSK	135	138	0 mm	left	1:1	2.310	17.93	
3930.00	662000	High	NR Band n77	100	17.22	F	DFT-S-OFDM	QPSK	270	0	0 mm	left	1:1	2.370	17.45	
3930.00	662000	High	NR Band n77	100	17.26	F	CP-OFDM	QPSK	1	1	0 mm	left	1:1	2.350	17.53	
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.151	26.02	20.49
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.123	26.91	
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.059	30.10	
3750.00	650000	Low	NR Band n77	100	13.83	C	CW/SRS	N/A	N/A	N/A	0 mm	right	1:1	0.539	20.49	
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.615	22.55	22.55
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.030	35.67	
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	top	1:1	0.043	34.10	
3750.00	650000	Low	NR Band n77	100	16.46	L	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.014	38.98	
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	back	1:1	0.218	22.63	22.63
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	front	1:1	0.021	32.80	
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	bottom	1:1	0.037	30.34	
3750.00	650000	Low	NR Band n77	100	12.04	D	CW/SRS	N/A	N/A	N/A	0 mm	left	1:1	0.000	56.02	

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.

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