

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

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

Table A-1
DSI = 6 P_{Limit} Calculations –UMTS Tablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Accessory	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
826.40	4132	back	0 mm	UMTS 850	RMC	4	N/A	17.02	1:1	0.638	18.00	18.00
836.60	4183	back	0 mm	UMTS 850	RMC	4	N/A	17.01	1:1	0.598	18.27	
846.60	4233	back	0 mm	UMTS 850	RMC	4	N/A	16.87	1:1	0.523	18.72	
826.40	4132	back	0 mm	UMTS 850	RMC	4	Keyboard	17.02	1:1	0.261	21.88	
826.40	4132	top	0 mm	UMTS 850	RMC	4	N/A	17.02	1:1	0.349	20.62	
826.40	4132	bottom	0 mm	UMTS 850	RMC	4	N/A	17.02	1:1	0.019	33.26	
826.40	4132	right	0 mm	UMTS 850	RMC	4	N/A	17.02	1:1	0.003	41.28	
826.40	4132	left	0 mm	UMTS 850	RMC	4	N/A	17.02	1:1	0.451	19.51	
1880.00	9400	back	0 mm	UMTS 1900	RMC	1	N/A	13.26	1:1	0.504	16.24	13.65
1852.40	9262	top	0 mm	UMTS 1900	RMC	1	N/A	13.25	1:1	0.810	14.17	
1880.00	9400	top	0 mm	UMTS 1900	RMC	1	N/A	13.26	1:1	0.914	13.65	
1907.60	9538	top	0 mm	UMTS 1900	RMC	1	N/A	13.24	1:1	0.871	13.84	
1880.00	9400	top	0 mm	UMTS 1900	RMC	1	Keyboard	13.26	1:1	0.872	13.85	
1880.00	9400	bottom	0 mm	UMTS 1900	RMC	1	N/A	13.26	1:1	0.002	40.25	
1880.00	9400	right	0 mm	UMTS 1900	RMC	1	N/A	13.26	1:1	0.067	25.00	
1880.00	9400	left	0 mm	UMTS 1900	RMC	1	N/A	13.26	1:1	0.005	36.27	

Table A-2
DSI = 6 P_{Limit} Calculations – LTE Band 71 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
680.50	133297	Mid	back	0 mm	LTE Band 71	4	N/A	20	QPSK	1	99	13.92	1:1	0.223	19.47	17.25
680.50	133297	Mid	back	0 mm	LTE Band 71	4	N/A	20	QPSK	50	50	13.94	1:1	0.235	19.26	
680.50	133297	Mid	top	0 mm	LTE Band 71	4	N/A	20	QPSK	1	99	13.92	1:1	0.173	20.57	
680.50	133297	Mid	top	0 mm	LTE Band 71	4	N/A	20	QPSK	50	50	13.94	1:1	0.203	19.90	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	4	N/A	20	QPSK	1	99	13.92	1:1	0.005	35.96	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	4	N/A	20	QPSK	50	50	13.94	1:1	0.005	35.98	
680.50	133297	Mid	right	0 mm	LTE Band 71	4	N/A	20	QPSK	1	99	13.92	1:1	0.000	52.95	
680.50	133297	Mid	right	0 mm	LTE Band 71	4	N/A	20	QPSK	50	50	13.94	1:1	0.000	52.97	
680.50	133297	Mid	left	0 mm	LTE Band 71	4	N/A	20	QPSK	1	99	13.92	1:1	0.359	17.40	
680.50	133297	Mid	left	0 mm	LTE Band 71	4	N/A	20	QPSK	50	50	13.94	1:1	0.373	17.25	
680.50	133297	Mid	left	0 mm	LTE Band 71	4	Keyboard	20	QPSK	50	50	13.94	1:1	0.049	26.07	

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Table A-3
DSI = 6 P_{Limit} Calculations – LTE Band 12 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
707.50	23095	Mid	back	0 mm	LTE Band 12	4	N/A	10	QPSK	1	0	15.86	1:1	0.315	19.91	17.75
707.50	23095	Mid	back	0 mm	LTE Band 12	4	N/A	10	QPSK	25	25	15.97	1:1	0.312	20.06	
707.50	23095	Mid	top	0 mm	LTE Band 12	4	N/A	10	QPSK	1	0	15.86	1:1	0.242	21.05	
707.50	23095	Mid	top	0 mm	LTE Band 12	4	N/A	10	QPSK	25	25	15.97	1:1	0.243	21.14	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	4	N/A	10	QPSK	1	0	15.86	1:1	0.008	35.86	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	4	N/A	10	QPSK	25	25	15.97	1:1	0.009	35.46	
707.50	23095	Mid	right	0 mm	LTE Band 12	4	N/A	10	QPSK	1	0	15.86	1:1	0.002	41.88	
707.50	23095	Mid	right	0 mm	LTE Band 12	4	N/A	10	QPSK	25	25	15.97	1:1	0.000	55.00	
707.50	23095	Mid	left	0 mm	LTE Band 12	4	N/A	10	QPSK	1	0	15.86	1:1	0.518	17.75	
707.50	23095	Mid	left	0 mm	LTE Band 12	4	Keyboard	10	QPSK	1	0	15.86	1:1	0.453	18.33	
707.50	23095	Mid	left	0 mm	LTE Band 12	4	N/A	10	QPSK	25	25	15.97	1:1	0.503	17.99	

Table A-4
DSI = 6 P_{Limit} Calculations – LTE Band 13 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
782.00	23230	Mid	back	0 mm	LTE Band 13	4	N/A	10	QPSK	1	0	16.59	1:1	0.566	18.09	18.09
782.00	23230	Mid	back	0 mm	LTE Band 13	4	Keyboard	10	QPSK	1	0	16.59	1:1	0.398	19.62	
782.00	23230	Mid	back	0 mm	LTE Band 13	4	N/A	10	QPSK	25	0	16.67	1:1	0.560	18.22	
782.00	23230	Mid	top	0 mm	LTE Band 13	4	N/A	10	QPSK	1	0	16.59	1:1	0.294	20.94	
782.00	23230	Mid	top	0 mm	LTE Band 13	4	N/A	10	QPSK	25	0	16.67	1:1	0.309	20.80	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	4	N/A	10	QPSK	1	0	16.59	1:1	0.018	33.07	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	4	N/A	10	QPSK	25	0	16.67	1:1	0.018	33.15	
782.00	23230	Mid	right	0 mm	LTE Band 13	4	N/A	10	QPSK	1	0	16.59	1:1	0.002	42.61	
782.00	23230	Mid	right	0 mm	LTE Band 13	4	N/A	10	QPSK	25	0	16.67	1:1	0.004	39.68	
782.00	23230	Mid	left	0 mm	LTE Band 13	4	N/A	10	QPSK	1	0	16.59	1:1	0.509	18.55	
782.00	23230	Mid	left	0 mm	LTE Band 13	4	N/A	10	QPSK	25	0	16.67	1:1	0.534	18.43	

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Table A-5
DSI = 6 P_{Limit} Calculations – LTE Band 14 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
793.00	23330	Mid	back	0 mm	LTE Band 14	4	N/A	10	QPSK	1	0	16.61	1:1	0.510	18.57	18.27
793.00	23330	Mid	back	0 mm	LTE Band 14	4	N/A	10	QPSK	25	0	16.54	1:1	0.483	18.73	
793.00	23330	Mid	top	0 mm	LTE Band 14	4	N/A	10	QPSK	1	0	16.61	1:1	0.287	21.06	
793.00	23330	Mid	top	0 mm	LTE Band 14	4	N/A	10	QPSK	25	0	16.54	1:1	0.283	21.05	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	4	N/A	10	QPSK	1	0	16.61	1:1	0.017	33.34	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	4	N/A	10	QPSK	25	0	16.54	1:1	0.018	33.02	
793.00	23330	Mid	right	0 mm	LTE Band 14	4	N/A	10	QPSK	1	0	16.61	1:1	0.001	45.64	
793.00	23330	Mid	right	0 mm	LTE Band 14	4	N/A	10	QPSK	25	0	16.54	1:1	0.004	39.55	
793.00	23330	Mid	left	0 mm	LTE Band 14	4	N/A	10	QPSK	1	0	16.61	1:1	0.546	18.27	
793.00	23330	Mid	left	0 mm	LTE Band 14	4	Keyboard	10	QPSK	1	0	16.61	1:1	0.139	24.21	
793.00	23330	Mid	left	0 mm	LTE Band 14	4	N/A	10	QPSK	25	0	16.54	1:1	0.494	18.63	

Table A-6
DSI = 6 P_{Limit} Calculations – LTE Band 26 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	1	36	16.46	1:1	0.593	17.76	17.70
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	36	18	16.65	1:1	0.600	17.90	
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	75	0	16.45	1:1	0.600	17.70	
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	4	Keyboard	15	QPSK	75	0	16.45	1:1	0.217	22.12	
831.50	26865	Mid	top	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	1	36	16.46	1:1	0.314	20.52	
831.50	26865	Mid	top	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	36	18	16.65	1:1	0.323	20.59	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	1	36	16.46	1:1	0.030	30.72	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	36	18	16.65	1:1	0.031	30.77	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	1	36	16.46	1:1	0.003	40.72	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	36	18	16.65	1:1	0.003	40.91	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	1	36	16.46	1:1	0.431	19.15	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	4	N/A	15	QPSK	36	18	16.65	1:1	0.444	19.21	

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Table A-7
DSI = 6 P_{Limit} Calculations – LTE Band 5 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	1	0	16.75	1:1	0.473	19.03	19.03
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	4	Keyboard	10	QPSK	1	0	16.75	1:1	0.457	19.18	
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	25	0	16.73	1:1	0.454	19.19	
836.50	20525	Mid	top	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	1	0	16.75	1:1	0.310	20.87	
836.50	20525	Mid	top	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	25	0	16.73	1:1	0.309	20.86	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	1	0	16.75	1:1	0.019	32.99	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	25	0	16.73	1:1	0.018	33.21	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	1	0	16.75	1:1	0.003	41.01	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	25	0	16.73	1:1	0.003	40.99	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	1	0	16.75	1:1	0.447	19.28	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	4	N/A	10	QPSK	25	0	16.73	1:1	0.441	19.32	

Table A-8
DSI = 6 P_{Limit} Calculations – LTE Band 66 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.												(W/kg)			
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	1	50	14.74	1:1	0.483	17.90	14.45
1770.00	132572	High	back	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	50	50	14.74	1:1	0.517	17.61	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	1	99	14.49	1:1	0.835	15.27	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	1	50	14.72	1:1	0.919	15.09	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	1	50	14.74	1:1	1.050	14.53	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	50	25	14.73	1:1	0.839	15.49	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	50	50	14.72	1:1	0.957	14.91	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	50	50	14.74	1:1	1.070	14.45	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	1	Keyboard	20	QPSK	50	50	14.74	1:1	1.050	14.53	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	100	0	14.73	1:1	1.030	14.60	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	1	50	14.74	1:1	0.018	32.19	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	50	50	14.74	1:1	0.015	32.98	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	1	50	14.74	1:1	0.152	22.92	
1770.00	132572	High	right	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	50	50	14.74	1:1	0.158	22.75	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	1	50	14.74	1:1	0.007	36.29	
1770.00	132572	High	left	0 mm	LTE Band 66 (AWS)	1	N/A	20	QPSK	50	50	14.74	1:1	0.007	36.29	

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Table A-9
DSI = 6 P_{Limit} Calculations – LTE Band 25 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	1	50	13.15	1:1	0.319	18.11	13.31
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	50	0	13.21	1:1	0.462	16.56	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	1	50	13.15	1:1	0.854	13.84	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	1	50	13.12	1:1	0.909	13.53	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	1	0	12.99	1:1	0.917	13.37	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	50	0	13.21	1:1	0.873	13.80	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	50	50	13.10	1:1	0.919	13.47	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	50	50	13.06	1:1	0.943	13.31	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	1	Keyboard	20	QPSK	50	50	13.06	1:1	0.613	15.19	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	100	0	13.14	1:1	0.886	13.67	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	1	50	13.15	1:1	0.005	36.16	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	50	0	13.21	1:1	0.004	37.19	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	1	50	13.15	1:1	0.079	24.17	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	50	0	13.21	1:1	0.081	24.13	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	1	50	13.15	1:1	0.012	32.36	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	1	N/A	20	QPSK	50	0	13.21	1:1	0.010	33.21	

Table A-10
DSI = 6 P_{Limit} Calculations – LTE Band 30 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2310.00	27710	Mid	back	0 mm	LTE Band 30	1	N/A	10	QPSK	1	25	11.94	1:1	0.494	15.00	12.36
2310.00	27710	Mid	back	0 mm	LTE Band 30	1	N/A	10	QPSK	25	12	12.11	1:1	0.500	15.12	
2310.00	27710	Mid	top	0 mm	LTE Band 30	1	N/A	10	QPSK	1	25	11.94	1:1	0.865	12.57	
2310.00	27710	Mid	top	0 mm	LTE Band 30	1	N/A	10	QPSK	25	12	12.11	1:1	0.884	12.65	
2310.00	27710	Mid	top	0 mm	LTE Band 30	1	N/A	10	QPSK	50	0	11.90	1:1	0.900	12.36	
2310.00	27710	Mid	top	0 mm	LTE Band 30	1	Keyboard	10	QPSK	50	0	11.90	1:1	0.895	12.38	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	1	N/A	10	QPSK	1	25	11.94	1:1	0.000	51.94	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	1	N/A	10	QPSK	25	12	12.11	1:1	0.000	52.11	
2310.00	27710	Mid	right	0 mm	LTE Band 30	1	N/A	10	QPSK	1	25	11.94	1:1	0.018	29.39	
2310.00	27710	Mid	right	0 mm	LTE Band 30	1	N/A	10	QPSK	25	12	12.11	1:1	0.032	27.06	
2310.00	27710	Mid	left	0 mm	LTE Band 30	1	N/A	10	QPSK	1	25	11.94	1:1	0.008	32.91	
2310.00	27710	Mid	left	0 mm	LTE Band 30	1	N/A	10	QPSK	25	12	12.11	1:1	0.008	33.08	

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Table A-11
DSI = 6 P_{Limit} Calculations – LTE Band 7 Tablet SAR

MEASUREMENT RESULTS																				
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Accessory	Device Serial Number	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Maximum Allowed Power [dBm]	Conducted Power [dBm]	MPR [dB]	Power Drift [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.																(W/kg)			
2535.00	21100	Mid	back	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	1	99	12.5	11.49	0	-0.01	1:1	0.501	14.49	12.47
2535.00	21100	Mid	back	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	50	25	12.5	11.54	0	0.00	1:1	0.519	14.39	
2510.00	20850	Low	top	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	1	99	12.5	11.38	0	-0.02	1:1	0.736	12.71	
2535.00	21100	Mid	top	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	1	99	12.5	11.49	0	-0.03	1:1	0.781	12.56	
2560.00	21350	High	top	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	1	0	12.5	11.40	0	-0.02	1:1	0.781	12.47	
2510.00	20850	Low	top	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	50	50	12.5	11.51	0	-0.01	1:1	0.752	12.75	
2535.00	21100	Mid	top	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	50	25	12.5	11.54	0	-0.01	1:1	0.788	12.57	
2560.00	21350	High	top	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	50	0	12.5	11.41	0	-0.01	1:1	0.772	12.53	
2535.00	21100	Mid	top	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	100	0	12.5	11.47	0	-0.02	1:1	0.793	12.48	
2535.00	21100	Mid	top	0 mm	LTE Band 7	1	Keyboard	H8220	20	QPSK	100	0	12.5	11.47	0	0.02	1:1	0.769	12.61	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	1	99	12.5	11.49	0	0.08	1:1	0.000	51.49	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	50	25	12.5	11.54	0	0.03	1:1	0.000	51.54	
2535.00	21100	Mid	right	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	1	99	12.5	11.49	0	0.09	1:1	0.032	26.44	
2535.00	21100	Mid	right	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	50	25	12.5	11.54	0	-0.06	1:1	0.034	26.23	
2535.00	21100	Mid	left	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	1	99	12.5	11.49	0	0.06	1:1	0.012	30.70	
2535.00	21100	Mid	left	0 mm	LTE Band 7	1	N/A	H8220	20	QPSK	50	25	12.5	11.54	0	0.02	1:1	0.011	31.13	

Table A-12
DSI = 6 P_{Limit} Calculations – LTE Band 41 Tablet SAR

MEASUREMENT RESULTS																		
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit			
MHz	Ch.												(W/kg)					
2680.00	41490	High	back	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.65	0.260	17.52	12.00		
2680.00	41490	High	back	0 mm	LTE Band 41	1	N/A	20	QPSK	50	0	1:1.58	13.59	0.232	17.95			
2506.00	39750	Low	top	0 mm	LTE Band 41	1	N/A	20	QPSK	1	99	1:1.58	13.39	0.822	12.26			
2549.50	40185	Low-Mid	top	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.46	0.825	12.31			
2593.00	40620	Mid	top	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.55	0.810	12.48			
2636.50	41055	Mid-High	top	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.54	0.751	12.80			
2680.00	41490	High	top	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.65	0.661	13.46			
2506.00	39750	Low	top	0 mm	LTE Band 41	1	N/A	20	QPSK	50	50	1:1.58	13.42	0.878	12.00			
2549.50	40185	Low-Mid	top	0 mm	LTE Band 41	1	N/A	20	QPSK	50	0	1:1.58	13.39	0.834	12.19			
2593.00	40620	Mid	top	0 mm	LTE Band 41	1	N/A	20	QPSK	50	25	1:1.58	13.51	0.789	12.56			
2636.50	41055	Mid-High	top	0 mm	LTE Band 41	1	N/A	20	QPSK	50	0	1:1.58	13.50	0.733	12.87			
2680.00	41490	High	top	0 mm	LTE Band 41	1	N/A	20	QPSK	50	0	1:1.58	13.59	0.649	13.48			
2680.00	41490	High	top	0 mm	LTE Band 41	1	N/A	20	QPSK	100	0	1:1.58	13.58	0.652	13.45			
2680.00	41490	High	bottom	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.65	0.000	51.67			
2680.00	41490	High	bottom	0 mm	LTE Band 41	1	N/A	20	QPSK	50	0	1:1.58	13.59	0.000	51.61			
2680.00	41490	High	right	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.65	0.011	31.25			
2680.00	41490	High	right	0 mm	LTE Band 41	1	N/A	20	QPSK	50	0	1:1.58	13.59	0.011	31.19			
2680.00	41490	High	left	0 mm	LTE Band 41	1	N/A	20	QPSK	1	0	1:1.58	13.65	0.005	34.68			
2680.00	41490	High	left	0 mm	LTE Band 41	1	N/A	20	QPSK	50	0	1:1.58	13.59	0.005	34.62			

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Table A-13
DSI = 6 P_{Limit} Calculations – LTE Band 48 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.49	1:1.58	0.452	12.95	9.63
3646.70	56207	Mid-High	back	0 mm	LTE Band 48	2	N/A	20	QPSK	50	50	11.45	1:1.58	0.472	12.73	
3560.00	55340	Low	top	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.21	1:1.58	0.735	10.56	
3603.30	55773	Low-Mid	top	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.20	1:1.58	0.709	10.71	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.49	1:1.58	0.749	10.76	
3690.00	56640	High	top	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.47	1:1.58	0.783	10.55	
3560.00	55340	Low	top	0 mm	LTE Band 48	2	N/A	20	QPSK	50	25	11.20	1:1.58	0.734	10.56	
3603.30	55773	Low-Mid	top	0 mm	LTE Band 48	2	N/A	20	QPSK	50	50	11.06	1:1.58	0.880	9.63	
3603.30	55773	Low-Mid	top	0 mm	LTE Band 48	2	Keyboard	20	QPSK	50	50	11.06	1:1.58	0.798	10.06	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	2	N/A	20	QPSK	50	50	11.45	1:1.58	0.776	10.57	
3690.00	56640	High	top	0 mm	LTE Band 48	2	N/A	20	QPSK	50	50	11.37	1:1.58	0.758	10.59	
3646.70	56207	Mid-High	top	0 mm	LTE Band 48	2	N/A	20	QPSK	100	0	11.44	1:1.58	0.778	10.55	
3646.70	56207	Mid-High	bottom	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.49	1:1.58	0.000	49.51	
3646.70	56207	Mid-High	bottom	0 mm	LTE Band 48	2	N/A	20	QPSK	50	50	11.45	1:1.58	0.000	49.47	
3646.70	56207	Mid-High	right	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.49	1:1.58	0.009	29.96	
3646.70	56207	Mid-High	right	0 mm	LTE Band 48	2	N/A	20	QPSK	50	50	11.45	1:1.58	0.009	29.92	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	2	N/A	20	QPSK	1	99	11.49	1:1.58	0.001	39.51	
3646.70	56207	Mid-High	left	0 mm	LTE Band 48	2	N/A	20	QPSK	50	50	11.45	1:1.58	0.002	36.46	

Table A-14
DSI = 6 P_{Limit} Calculations – NR Band n71 Tablet SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Accessory	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
680.50	136100	Mid	back	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	1	104	14.83	1:1	0.204	20.76	16.33
680.50	136100	Mid	back	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	50	28	14.85	1:1	0.234	20.19	
680.50	136100	Mid	top	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	1	104	14.83	1:1	0.203	20.79	
680.50	136100	Mid	top	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	50	28	14.85	1:1	0.219	20.48	
680.50	136100	Mid	bottom	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	1	104	14.83	1:1	0.006	36.08	
680.50	136100	Mid	bottom	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	50	28	14.85	1:1	0.005	36.89	
680.50	136100	Mid	right	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	1	104	14.83	1:1	0.001	43.86	
680.50	136100	Mid	right	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	50	28	14.85	1:1	0.000	53.88	
680.50	136100	Mid	left	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	1	104	14.83	1:1	0.433	17.50	
680.50	136100	Mid	left	0 mm	NR Band n71	4	N/A	20	DFT-S-OFDM	QPSK	50	28	14.85	1:1	0.474	17.12	
680.50	136100	Mid	left	0 mm	NR Band n71	4	N/A	20	CP-OFDM	QPSK	1	1	14.93	1:1	0.580	16.33	
680.50	136100	Mid	left	0 mm	NR Band n71	4	Keyboard	20	CP-OFDM	QPSK	1	1	14.93	1:1	0.075	25.21	

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Table A-15
DSI = 6 P_{Limit} Calculations – NR Band n5 Tablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Accessory	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plimit	
MHz	Ch.													(W/kg)			
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	1	53	16.86	1:1	0.548	18.50	17.79
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	50	28	16.61	1:1	0.558	18.17	
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	4	N/A	20	CP-OFDM	QPSK	1	1	16.50	1:1	0.595	17.79	
836.50	167300	Mid	back	0 mm	NR Band n5 (Cell)	4	Keyboard	20	CP-OFDM	QPSK	1	1	16.50	1:1	0.228	21.95	
836.50	167300	Mid	top	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	1	53	16.86	1:1	0.330	20.71	
836.50	167300	Mid	top	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	50	28	16.61	1:1	0.341	20.31	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	1	53	16.86	1:1	0.027	31.58	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	50	28	16.61	1:1	0.009	36.10	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	1	53	16.86	1:1	0.002	42.88	
836.50	167300	Mid	right	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	50	28	16.61	1:1	0.000	55.64	
836.50	167300	Mid	left	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	1	53	16.86	1:1	0.434	19.52	
836.50	167300	Mid	left	0 mm	NR Band n5 (Cell)	4	N/A	20	DFT-S-OFDM	QPSK	50	28	16.61	1:1	0.289	21.03	

Table A-16
DSI = 6 P_{Limit} Calculations – NR Band n66 Tablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Accessory	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plimit	
MHz	Ch.													(W/kg)			
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	1	108	15.27	1:1	0.661	17.07	15.38
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	15.26	1:1	0.607	17.43	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	1	108	15.27	1:1	0.956	15.47	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	15.26	1:1	0.954	15.46	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	216	0	15.25	1:1	0.971	15.38	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	1	Keyboard	40	DFT-S-OFDM	QPSK	216	0	15.25	1:1	0.938	15.53	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	1	N/A	40	CP-OFDM	QPSK	1	1	15.14	1:1	0.891	15.64	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	1	108	15.27	1:1	0.015	33.51	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	15.26	1:1	0.026	31.11	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	1	108	15.27	1:1	0.147	23.60	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	15.26	1:1	0.133	24.02	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	1	108	15.27	1:1	0.002	42.26	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	15.26	1:1	0.000	55.26	
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	14.42	1:1	0.363	18.82	15.89
1745.00	349000	Mid	back	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	108	108	14.43	1:1	0.303	19.62	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	14.42	1:1	0.701	15.96	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	108	108	14.43	1:1	0.714	15.89	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	216	0	14.41	1:1	0.712	15.89	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	4	Keyboard	40	DFT-S-OFDM	QPSK	216	0	14.41	1:1	0.473	17.66	
1745.00	349000	Mid	top	0 mm	NR Band n66 (AWS)	4	N/A	40	CP-OFDM	QPSK	1	1	14.46	1:1	0.682	16.12	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	14.42	1:1	0.000	54.42	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	108	108	14.43	1:1	0.000	54.43	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	14.42	1:1	0.004	38.40	
1745.00	349000	Mid	right	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	108	108	14.43	1:1	0.004	38.41	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	14.42	1:1	0.124	23.49	
1745.00	349000	Mid	left	0 mm	NR Band n66 (AWS)	4	N/A	40	DFT-S-OFDM	QPSK	108	108	14.43	1:1	0.128	23.36	

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Table A-17
DSI = 6 P_{Limit} Calculations – NR Band n25 Tablet SAR

MEASUREMENT RESULTS																	
FREQUENCY		Side	Spacing	Mode	Antenna Config	Accessory	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
MHz	Ch.													(W/kg)			
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	1	214	13.02	1:1	0.765	14.18	13.03
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	12.99	1:1	0.770	14.13	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	216	0	12.89	1:1	0.737	14.22	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	1	214	13.02	1:1	0.996	13.04	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	12.99	1:1	0.985	13.06	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	216	0	12.89	1:1	0.968	13.03	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	1	Keyboard	40	DFT-S-OFDM	QPSK	216	0	12.89	1:1	0.509	15.62	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	1	N/A	40	CP-OFDM	QPSK	1	1	13.00	1:1	0.986	13.06	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	1	214	13.02	1:1	0.005	36.03	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	12.99	1:1	0.006	35.21	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	1	214	13.02	1:1	0.084	23.78	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	12.99	1:1	0.084	23.75	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	1	214	13.02	1:1	0.005	36.03	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	1	N/A	40	DFT-S-OFDM	QPSK	108	108	12.99	1:1	0.010	32.99	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	13.82	1:1	0.240	20.02	
1882.50	376500	Mid	back	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	108	0	13.78	1:1	0.230	20.16	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	13.82	1:1	0.854	14.51	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	4	Keyboard	40	DFT-S-OFDM	QPSK	1	1	13.82	1:1	0.775	14.93	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	108	0	13.78	1:1	0.777	14.88	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	216	0	13.76	1:1	0.775	14.87	
1882.50	376500	Mid	top	0 mm	NR Band n25 (PCS)	4	N/A	40	CP-OFDM	QPSK	1	1	13.74	1:1	0.776	14.84	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	13.82	1:1	0.000	53.82	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	108	0	13.78	1:1	0.000	53.78	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	13.82	1:1	0.003	39.05	
1882.50	376500	Mid	right	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	108	0	13.78	1:1	0.002	40.77	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	1	1	13.82	1:1	0.118	23.10	
1882.50	376500	Mid	left	0 mm	NR Band n25 (PCS)	4	N/A	40	DFT-S-OFDM	QPSK	108	0	13.78	1:1	0.085	24.49	

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Table A-18
DSI = 6 P_{Limit} Calculations – NR Band n41 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Accessory	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	1	137	12.01	1:1	0.415	15.83
2592.99	518598	Mid	back	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	135	69	12.02	1:1	0.462	15.37
2592.99	518598	Mid	top	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	1	137	12.01	1:1	0.698	13.57
2592.99	518598	Mid	top	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	135	69	12.02	1:1	0.694	13.61
2592.99	518598	Mid	top	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	270	0	11.95	1:1	0.682	13.61
2592.99	518598	Mid	top	0 mm	NR Band n41	1.00	N/A	100	CP-OFDM	QPSK	1	1	11.57	1:1	0.824	12.41
2592.99	518598	Mid	top	0 mm	NR Band n41	1.00	Keyboard	100	CP-OFDM	QPSK	1	1	11.57	1:1	0.814	12.46
2592.99	518598	Mid	bottom	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	1	137	12.01	1:1	0.000	52.01
2592.99	518598	Mid	bottom	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	135	69	12.02	1:1	0.000	52.02
2592.99	518598	Mid	right	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	1	137	12.01	1:1	0.045	25.48
2592.99	518598	Mid	right	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	135	69	12.02	1:1	0.036	26.46
2592.99	518598	Mid	left	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	1	137	12.01	1:1	0.011	31.60
2592.99	518598	Mid	left	0 mm	NR Band n41	1.00	N/A	100	DFT-S-OFDM	QPSK	135	69	12.02	1:1	0.008	32.99
2592.99	518598	Mid	back	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	1	137	14.46	1:1	0.332	19.25
2592.99	518598	Mid	back	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	135	69	14.34	1:1	0.365	18.72
2592.99	518598	Mid	top	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	1	137	14.46	1:1	0.731	15.82
2592.99	518598	Mid	top	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	135	69	14.34	1:1	0.740	15.65
2592.99	518598	Mid	top	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	270	0	14.25	1:1	0.744	15.53
2592.99	518598	Mid	top	0 mm	NR Band n41	4.00	Keyboard	100	DFT-S-OFDM	N/A	270	0	14.25	1:1	0.720	15.68
2592.99	518598	Mid	top	0 mm	NR Band n41	4.00	N/A	100	CP-OFDM	N/A	1	1	13.85	1:1	0.673	15.57
2592.99	518598	Mid	bottom	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	1	137	14.46	1:1	0.000	54.46
2592.99	518598	Mid	bottom	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	135	69	14.34	1:1	0.002	41.33
2592.99	518598	Mid	right	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	1	137	14.46	1:1	0.006	36.68
2592.99	518598	Mid	right	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	135	69	14.34	1:1	0.008	35.31
2592.99	518598	Mid	left	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	1	137	14.46	1:1	0.287	19.88
2592.99	518598	Mid	left	0 mm	NR Band n41	4.00	N/A	100	DFT-S-OFDM	N/A	135	69	14.34	1:1	0.287	19.76
2592.99	518598	Mid	back	0 mm	NR Band n41	5	N/A	100	CW/SRS	N/A	N/A	N/A	10.32	1:1	0.083	21.13
2592.99	518598	Mid	top	0 mm	NR Band n41	5	N/A	100	CW/SRS	N/A	N/A	N/A	10.32	1:1	0.002	37.31
2592.99	518598	Mid	bottom	0 mm	NR Band n41	5	N/A	100	CW/SRS	N/A	N/A	N/A	10.32	1:1	0.009	30.78
2592.99	518598	Mid	right	0 mm	NR Band n41	5	N/A	100	CW/SRS	N/A	N/A	N/A	10.32	1:1	0.000	50.32
2592.99	518598	Mid	left	0 mm	NR Band n41	5	N/A	100	CW/SRS	N/A	N/A	N/A	10.32	1:1	0.432	13.97
2592.99	518598	Mid	left	0 mm	NR Band n41	5	Keyboard	100	CW/SRS	N/A	N/A	N/A	10.32	1:1	0.108	19.99
2592.99	518598	Mid	back	0 mm	NR Band n41	8	N/A	100	CW/SRS	N/A	N/A	N/A	10.25	1:1	0.075	21.50
2592.99	518598	Mid	top	0 mm	NR Band n41	8	N/A	100	CW/SRS	N/A	N/A	N/A	10.25	1:1	0.000	50.25
2592.99	518598	Mid	bottom	0 mm	NR Band n41	8	N/A	100	CW/SRS	N/A	N/A	N/A	10.25	1:1	0.009	30.71
2592.99	518598	Mid	right	0 mm	NR Band n41	8	N/A	100	CW/SRS	N/A	N/A	N/A	10.25	1:1	0.277	15.83
2592.99	518598	Mid	right	0 mm	NR Band n41	8	Keyboard	100	CW/SRS	N/A	N/A	N/A	10.25	1:1	0.150	18.49
2592.99	518598	Mid	left	0 mm	NR Band n41	8	N/A	100	CW/SRS	N/A	N/A	N/A	10.25	1:1	0.000	50.25

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Table A-19
DSI = 6 P_{Limit} Calculations – NR Band n77 Tablet SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Accessory	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3930.00	662000	High	back	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	1	271	7.90	1:1	0.214	14.60
3930.00	662000	High	back	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	135	138	7.83	1:1	0.213	14.55
3750.00	650000	Low	top	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	1	271	7.80	1:1	0.621	9.87
3930.00	662000	High	top	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	1	271	7.90	1:1	0.618	9.99
3750.00	650000	Low	top	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	135	138	7.81	1:1	0.651	9.67
3930.00	662000	High	top	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	135	138	7.83	1:1	0.587	10.14
3930.00	662000	High	top	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	270	0	7.75	1:1	0.703	9.28
3930.00	662000	High	top	0 mm	NR Band n77	2	Keyboard	100	DFT-S-OFDM	QPSK	270	0	7.75	1:1	0.547	10.37
3930.00	662000	High	top	0 mm	NR Band n77	2	N/A	100	CP-OFDM	QPSK	1	1	7.71	1:1	0.597	9.95
3930.00	662000	High	bottom	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	1	271	7.90	1:1	0.000	47.90
3930.00	662000	High	bottom	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	135	138	7.83	1:1	0.000	47.83
3930.00	662000	High	right	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	1	271	7.90	1:1	0.004	31.88
3930.00	662000	High	right	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	135	138	7.83	1:1	0.002	34.82
3930.00	662000	High	left	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	1	271	7.90	1:1	0.000	47.90
3930.00	662000	High	left	0 mm	NR Band n77	2	N/A	100	DFT-S-OFDM	QPSK	135	138	7.83	1:1	0.000	47.83
3930.00	662000	High	back	0 mm	NR Band n77	3	N/A	100	CW/SRS	N/A	N/A	N/A	8.00	1:1	0.113	17.47
3750.00	650000	Low	top	0 mm	NR Band n77	3	N/A	100	CW/SRS	N/A	N/A	N/A	7.72	1:1	0.331	12.52
3930.00	662000	High	top	0 mm	NR Band n77	3	N/A	100	CW/SRS	N/A	N/A	N/A	8.00	1:1	0.470	11.28
3930.00	662000	High	top	0 mm	NR Band n77	3	Keyboard	100	CW/SRS	N/A	N/A	N/A	8.00	1:1	0.550	10.60
3930.00	662000	High	bottom	0 mm	NR Band n77	3	N/A	100	CW/SRS	N/A	N/A	N/A	8.00	1:1	0.000	48.00
3930.00	662000	High	right	0 mm	NR Band n77	3	N/A	100	CW/SRS	N/A	N/A	N/A	8.00	1:1	0.002	34.99
3930.00	662000	High	left	0 mm	NR Band n77	3	N/A	100	CW/SRS	N/A	N/A	N/A	8.00	1:1	0.002	34.99
3930.00	662000	High	back	0 mm	NR Band n77	5	N/A	100	CW/SRS	N/A	N/A	N/A	8.47	1:1	0.099	18.51
3930.00	662000	High	top	0 mm	NR Band n77	5	N/A	100	CW/SRS	N/A	N/A	N/A	8.47	1:1	0.000	48.47
3930.00	662000	High	bottom	0 mm	NR Band n77	5	N/A	100	CW/SRS	N/A	N/A	N/A	8.47	1:1	0.000	48.47
3930.00	662000	High	right	0 mm	NR Band n77	5	N/A	100	CW/SRS	N/A	N/A	N/A	8.47	1:1	0.000	48.47
3750.00	650000	Low	left	0 mm	NR Band n77	5	N/A	100	CW/SRS	N/A	N/A	N/A	8.06	1:1	0.413	11.90
3750.00	650000	Low	left	0 mm	NR Band n77	5	Keyboard	100	CW/SRS	N/A	N/A	N/A	8.06	1:1	0.130	16.92
3930.00	662000	High	left	0 mm	NR Band n77	5	N/A	100	CW/SRS	N/A	N/A	N/A	8.47	1:1	0.430	12.14
3750.00	650000	Low	back	0 mm	NR Band n77	8	N/A	100	CW/SRS	N/A	N/A	N/A	8.30	1:1	0.185	15.63
3750.00	650000	Low	top	0 mm	NR Band n77	8	N/A	100	CW/SRS	N/A	N/A	N/A	8.30	1:1	0.000	48.30
3750.00	650000	Low	bottom	0 mm	NR Band n77	8	N/A	100	CW/SRS	N/A	N/A	N/A	8.30	1:1	0.010	28.30
3750.00	650000	Low	right	0 mm	NR Band n77	8	N/A	100	CW/SRS	N/A	N/A	N/A	8.30	1:1	0.580	10.67
3750.00	650000	Low	right	0 mm	NR Band n77	8	Keyboard	100	CW/SRS	N/A	N/A	N/A	8.30	1:1	0.434	11.93
3930.00	662000	High	right	0 mm	NR Band n77	8	N/A	100	CW/SRS	N/A	N/A	N/A	7.57	1:1	0.465	10.90
3750.00	650000	Low	left	0 mm	NR Band n77	8	N/A	100	CW/SRS	N/A	N/A	N/A	8.30	1:1	0.000	51.31

Table A-20
DSI = 3 P_{Limit} Calculations – UMTS Laptop SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Configuration	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	4183	bottom	0 mm	UMTS 850	RMC	4	Laptop	24.54	1:1	0.091	34.95	34.95
1880.00	9400	bottom	0 mm	UMTS 1900	RMC	1	Laptop	24.76	1:1	0.052	37.60	37.60

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Table A-21
DSI = 3 P_{Limit} Calculations – LTE Band 71 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
680.50	133297	Mid	bottom	0 mm	LTE Band 71	4	Laptop	20	QPSK	1	99	23.20	1:1	0.020	40.19	39.68
680.50	133297	Mid	bottom	0 mm	LTE Band 71	4	Laptop	20	QPSK	50	25	22.23	1:1	0.018	39.68	

Table A-22
DSI = 3 P_{Limit} Calculations – LTE Band 12 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
707.50	23095	Mid	bottom	0 mm	LTE Band 12	4	Laptop	10	QPSK	1	0	24.05	1:1	0.024	40.25	40.25
707.50	23095	Mid	bottom	0 mm	LTE Band 12	4	Laptop	10	QPSK	25	0	23.13	1:1	0.019	40.34	

Table A-23
DSI = 3 P_{Limit} Calculations – LTE Band 13 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
782.00	23230	Mid	bottom	0 mm	LTE Band 13	4	Laptop	10	QPSK	1	0	24.30	1:1	0.073	35.67	35.67
782.00	23230	Mid	bottom	0 mm	LTE Band 13	4	Laptop	10	QPSK	25	0	23.60	1:1	0.055	36.20	

Table A-24
DSI = 3 P_{Limit} Calculations – LTE Band 14 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
793.00	23330	Mid	bottom	0 mm	LTE Band 14	4	Laptop	10	QPSK	1	0	24.31	1:1	0.040	38.29	38.29
793.00	23330	Mid	bottom	0 mm	LTE Band 14	4	Laptop	10	QPSK	25	25	23.32	1:1	0.026	39.17	

Table A-25
DSI = 3 P_{Limit} Calculations – LTE Band 26 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	4	Laptop	15	QPSK	1	0	24.70	1:1	0.070	36.25	36.13
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	4	Laptop	15	QPSK	36	0	23.98	1:1	0.061	36.13	

Table A-26
DSI = 3 P_{Limit} Calculations – LTE Band 5 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	4	Laptop	10	QPSK	1	0	23.78	1:1	0.097	33.91	33.91
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	4	Laptop	10	QPSK	25	0	22.98	1:1	0.072	34.41	

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Table A-27
DSI = 3 P_{Limit} Calculations – LTE Band 66 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	1	Laptop	20	QPSK	1	0	24.64	1:1	0.103	34.51	33.99
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	1	Laptop	20	QPSK	50	50	23.72	1:1	0.094	33.99	

Table A-28
DSI = 3 P_{Limit} Calculations – LTE Band 25 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	1	Laptop	20	QPSK	1	99	24.56	1:1	0.051	37.48	37.48
1882.50	26365	Mid	bottom	0 mm	LTE Band 25 (PCS)	1	Laptop	20	QPSK	50	50	23.60	1:1	0.029	38.98	

Table A-29
DSI = 3 P_{Limit} Calculations – LTE Band 30 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	1	Laptop	10	QPSK	1	0	23.01	1:1	0.006	45.23	44.10
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	1	Laptop	10	QPSK	25	0	21.88	1:1	0.006	44.10	

Table A-30
DSI = 3 P_{Limit} Calculations – LTE Band 7 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	1	Laptop	20	QPSK	1	0	23.76	1:1	0.004	47.74	47.74
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	1	Laptop	20	QPSK	50	50	22.88	1:1	0.002	49.87	

Table A-31
DSI = 3 P_{Limit} Calculations – LTE Band 41 Laptop SAR

MEASUREMENT RESULTS																		
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	MPR [dB]	Power Drift [dB]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)																
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	1	Laptop	20	QPSK	1	0	23.99	0	0.05	1:1.58	0.005	45.02	45.02
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	1	Laptop	20	QPSK	50	50	23.02	1	0.03	1:1.58	0.000	61.04	

Table A-32
DSI = 3 P_{Limit} Calculations – LTE Band 48 Laptop SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Configuration	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.	(W/kg)														
3690.00	56640	High	bottom	0 mm	LTE Band 48	2	Laptop	20	QPSK	1	0	24.47	1:1.58	0.000	62.49	61.73
3690.00	56640	High	bottom	0 mm	LTE Band 48	2	Laptop	20	QPSK	50	0	23.71	1:1.58	0.000	61.73	

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Table A-33
DSI = 3 P_{Limit} Calculations – NR Band n71 Laptop SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Configuration	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
680.50	136100	Mid	bottom	0 mm	NR Band n71	4	Laptop	20	DFT-S-OFDM	QPSK	1	104	24.12	1:1	0.027	38.84	38.84
680.50	136100	Mid	bottom	0 mm	NR Band n71	4	Laptop	20	DFT-S-OFDM	QPSK	50	28	23.99	1:1	0.021	39.80	
680.50	136100	Mid	bottom	0 mm	NR Band n71	4	Laptop	20	CP-OFDM	QPSK	1	1	22.24	1:1	0.010	41.27	

Table A-34
DSI = 3 P_{Limit} Calculations – NR Band n5 Laptop SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Configuration	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	4	Laptop	20	DFT-S-OFDM	QPSK	1	53	24.07	1:1	0.073	34.47	33.37
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	4	Laptop	20	DFT-S-OFDM	QPSK	50	28	23.86	1:1	0.055	35.49	
836.50	167300	Mid	bottom	0 mm	NR Band n5 (Cell)	4	Laptop	20	CP-OFDM	QPSK	1	1	22.12	1:1	0.060	33.37	

Table A-35
DSI = 3 P_{Limit} Calculations – NR Band n66 Laptop SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Configuration	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	1	Laptop	40	DFT-S-OFDM	QPSK	1	108	24.77	1:1	0.127	33.73	32.64
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	1	Laptop	40	DFT-S-OFDM	QPSK	108	54	24.77	1:1	0.123	33.87	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	1	Laptop	40	CP-OFDM	QPSK	1	1	23.25	1:1	0.115	32.64	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	4	Laptop	40	DFT-S-OFDM	QPSK	1	108	24.66	1:1	0.015	42.90	42.90
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	4	Laptop	40	DFT-S-OFDM	QPSK	108	54	24.70	1:1	0.010	44.70	
1745.00	349000	Mid	bottom	0 mm	NR Band n66 (AWS)	4	Laptop	40	CP-OFDM	QPSK	1	1	23.08	1:1	0.008	44.05	

Table A-36
DSI = 3 P_{Limit} Calculations – NR Band n25 Laptop SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Configuration	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	1	Laptop	40	DFT-S-OFDM	QPSK	1	108	24.25	1:1	0.024	40.45	39.26
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	1	Laptop	40	DFT-S-OFDM	QPSK	108	54	24.31	1:1	0.032	39.26	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	1	Laptop	40	CP-OFDM	QPSK	1	1	22.56	1:1	0.020	39.55	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	4	Laptop	40	DFT-S-OFDM	QPSK	1	214	24.71	1:1	0.008	45.68	45.68
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	4	Laptop	40	DFT-S-OFDM	QPSK	108	54	24.62	1:1	0.003	49.85	
1882.50	376500	Mid	bottom	0 mm	NR Band n25 (PCS)	4	Laptop	40	CP-OFDM	QPSK	1	1	22.78	1:1	0.005	45.79	

Table A-37
DSI = 3 P_{Limit} Calculations – NR Band n41 Laptop SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Configuration	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.														(W/kg)		
2592.99	518598	Mid	bottom	0 mm	NR Band n41	1	Laptop	100	DFT-S-OFDM	QPSK	1	137	23.58	1:1	0.011	43.17	43.17
2592.99	518598	Mid	bottom	0 mm	NR Band n41	1	Laptop	100	DFT-S-OFDM	QPSK	135	69	23.60	1:1	0.010	43.60	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	1	Laptop	100	CP-OFDM	QPSK	1	1	21.69	1:1	0.000	61.69	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	4	Laptop	100	DFT-S-OFDM	QPSK	1	137	23.81	1:1	0.000	63.81	61.82
2592.99	518598	Mid	bottom	0 mm	NR Band n41	4	Laptop	100	DFT-S-OFDM	QPSK	135	69	23.72	1:1	0.000	63.72	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	4	Laptop	100	CP-OFDM	QPSK	1	1	21.82	1:1	0.000	61.82	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	5	Laptop	100	CW/SRS	N/A	N/A	N/A	22.23	1:1	0.056	34.75	34.75
2592.99	518598	Mid	bottom	0 mm	NR Band n41	8	Laptop	100	CW/SRS	N/A	N/A	N/A	22.31	1:1	0.069	33.92	33.92

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Table A-38
DSI = 3 P_{Limit} Calculations – NR Band n77 Laptop SAR

MEASUREMENT RESULTS																	
FREQUENCY			Side	Spacing	Mode	Antenna Config	Configuration	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	P _{limit}	Overall P _{limit}
MHz	Ch.	(W/kg)															
3750.00	650000	Low	bottom	0 mm	NR Band n77	2	Laptop	100	DFT-S-OFDM	QPSK	1	271	24.18	1:1	0.001	54.18	54.18
3750.00	650000	Low	bottom	0 mm	NR Band n77	2	Laptop	100	DFT-S-OFDM	QPSK	135	69	24.03	1:1	0.000	64.03	
3750.00	650000	Low	bottom	0 mm	NR Band n77	2	Laptop	100	CP-OFDM	QPSK	1	1	22.42	1:1	0.000	62.42	
3930.00	662000	High	bottom	0 mm	NR Band n77	3	Laptop	100	CW/SRS	N/A	N/A	N/A	25.50	1:1	0.006	47.72	47.72
3930.00	662000	High	bottom	0 mm	NR Band n77	5	Laptop	100	CW/SRS	N/A	N/A	N/A	23.01	1:1	0.123	32.11	32.11
3750.00	650000	Low	bottom	0 mm	NR Band n77	8	Laptop	100	CW/SRS	N/A	N/A	N/A	23.45	1:1	0.123	32.55	32.55

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