

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

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

Table A-1
RSI=0 P_{Limit} Calculations – GPRS 850 Phablet SAR

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0946M	1:2.76	-0.08	836.60	190	29.29	Back	0	1.230	27.9	27.9
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0946M	1:2.76	-0.17	836.60	190	29.29	Front	0	0.974	28.9	
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0946M	1:2.76	-0.12	836.60	190	29.29	Bottom	0	0.824	29.6	
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0946M	1:2.76	-0.06	836.60	190	29.29	Right	0	0.187	36.1	
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0946M	1:2.76	0.04	836.60	190	29.29	Left	0	0.809	29.7	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	GPRS 850	GPRS 4 Tx Slots	E	0946M	1:2.076	0.00	836.60	190	22.01	Back	0	0.328	27.6	27.6
Phablet	GPRS 850	GPRS 4 Tx Slots	E	0946M	1:2.076	-0.01	836.60	190	22.01	Front	0	0.311	27.8	
Phablet	GPRS 850	GPRS 4 Tx Slots	E	0946M	1:2.076	0.00	836.60	190	22.01	Top	0	0.316	27.8	
Phablet	GPRS 850	GPRS 4 Tx Slots	E	0946M	1:2.076	0.04	836.60	190	22.01	Right	0	0.240	29.0	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0948M	1:2.076	-0.05	1909.80	810	21.55	Back	0	0.990	22.3	22.2
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0948M	1:2.076	0.05	1909.80	810	21.55	Front	0	1.030	22.2	
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0948M	1:2.076	-0.02	1909.80	810	21.55	Right	0	0.137	30.9	
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0948M	1:2.076	-0.10	1909.80	810	21.55	Left	0	0.140	30.8	

Table A-2
RSI=0 P_{Limit} Calculations – UMTS Phablet SAR

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 850	RMC	A	0946M	1:1	-0.01	836.60	4183	24.06	Back	0	0.882	28.5	28.5
Phablet	UMTS 850	RMC	A	0946M	1:1	-0.01	836.60	4183	24.06	Front	0	0.643	29.9	
Phablet	UMTS 850	RMC	A	0946M	1:1	0.00	836.60	4183	24.06	Bottom	0	0.600	30.2	
Phablet	UMTS 850	RMC	A	0946M	1:1	0.01	836.60	4183	24.06	Right	0	0.179	35.5	
Phablet	UMTS 850	RMC	A	0946M	1:1	0.01	836.60	4183	24.06	Left	0	0.842	28.7	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 850	RMC	E	0946M	1:1	0.00	826.40	4132	19.12	Back	0	0.650	24.9	24.6
Phablet	UMTS 850	RMC	E	0946M	1:1	-0.01	826.40	4132	19.12	Front	0	0.583	25.4	
Phablet	UMTS 850	RMC	E	0946M	1:1	0.01	826.40	4132	19.12	Top	0	0.699	24.6	
Phablet	UMTS 850	RMC	E	0946M	1:1	-0.01	826.40	4132	19.12	Right	0	0.567	25.5	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 1750	RMC	A	0948M	1:1	0.01	1752.60	1513	18.20	Back	0	1.080	21.8	21.8
Phablet	UMTS 1750	RMC	A	0948M	1:1	0.01	1752.60	1513	18.20	Front	0	1.080	21.8	
Phablet	UMTS 1750	RMC	A	0948M	1:1	0.01	1752.60	1513	18.20	Right	0	0.086	32.8	
Phablet	UMTS 1750	RMC	A	0948M	1:1	0.00	1752.60	1513	18.20	Left	0	0.139	30.7	

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Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 1750	RMC	F	0946M	1:1	-0.03	1752.60	1513	18.06	Back	0	0.618	24.1	24.1
Phablet	UMTS 1750	RMC	F	0946M	1:1	-0.02	1752.60	1513	18.06	Front	0	0.549	24.6	
Phablet	UMTS 1750	RMC	F	0946M	1:1	0.02	1752.60	1513	18.06	Left	0	0.144	30.4	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 1900	RMC	A	0948M	1:1	0.00	1880.00	9400	16.99	Back	0	0.733	22.3	22.3
Phablet	UMTS 1900	RMC	A	0948M	1:1	0.00	1880.00	9400	16.99	Front	0	0.736	22.3	
Phablet	UMTS 1900	RMC	A	0948M	1:1	0.02	1880.00	9400	16.99	Right	0	0.120	30.1	
Phablet	UMTS 1900	RMC	A	0948M	1:1	-0.03	1880.00	9400	16.99	Left	0	0.091	31.3	

Table A-3
RSI=0 P_{Limit} Calculations – LTE Band 12 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	A	0321M	1:1	0.00	707.50	23095	0.0	23.51	1	0	Back	0	0.759	28.6	28.6
Phablet	LTE Band 12	10	QPSK	A	0321M	1:1	-0.01	707.50	23095	0.0	23.51	1	0	Front	0	0.650	29.3	
Phablet	LTE Band 12	10	QPSK	A	0321M	1:1	-0.03	707.50	23095	0.0	23.51	1	0	Bottom	0	0.450	30.9	
Phablet	LTE Band 12	10	QPSK	A	0321M	1:1	0.04	707.50	23095	0.0	23.51	1	0	Right	0	0.152	35.6	
Phablet	LTE Band 12	10	QPSK	A	0321M	1:1	-0.11	707.50	23095	0.0	23.51	1	0	Left	0	0.405	31.4	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	E	0749M	1:1	0.09	707.50	23095	0.0	18.88	1	0	Back	0	0.345	27.4	26.1
Phablet	LTE Band 12	10	QPSK	E	0749M	1:1	-0.03	707.50	23095	0.0	18.88	1	0	Front	0	0.423	26.5	
Phablet	LTE Band 12	10	QPSK	E	0749M	1:1	-0.06	707.50	23095	0.0	18.88	1	0	Top	0	0.438	26.4	
Phablet	LTE Band 12	10	QPSK	E	0321M	1:1	0.03	707.50	23095	0.0	18.88	1	0	Right	0	0.467	26.1	

Table A-4
RSI=0 P_{Limit} Calculations – LTE Band 17 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 17	10	QPSK	E	0739M	1:1	-0.04	710.00	23790	0.0	20.5	25	0	Back	0	0.424	28.1	25.6
Phablet	LTE Band 17	10	QPSK	E	0739M	1:1	0.05	710.00	23790	0.0	20.5	25	0	Front	0	0.601	26.6	
Phablet	LTE Band 17	10	QPSK	E	0739M	1:1	-0.01	710.00	23790	0.0	20.5	25	0	Top	0	0.762	25.6	
Phablet	LTE Band 17	10	QPSK	E	0739M	1:1	0.00	710.00	23790	0.0	20.5	25	0	Right	0	0.571	26.8	

Table A-5
RSI=0 P_{Limit} Calculations – LTE Band 13 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	A	0321M	1:1	-0.02	782.00	23230	0.0	22.62	1	49	Back	0	0.600	28.8	28.0
Phablet	LTE Band 13	10	QPSK	A	0321M	1:1	0.03	782.00	23230	0.0	22.62	1	49	Front	0	0.557	29.1	
Phablet	LTE Band 13	10	QPSK	A	0321M	1:1	-0.05	782.00	23230	0.0	22.62	1	49	Bottom	0	0.516	29.4	
Phablet	LTE Band 13	10	QPSK	A	0321M	1:1	0.02	782.00	23230	0.0	22.62	1	49	Right	0	0.145	34.9	
Phablet	LTE Band 13	10	QPSK	A	0321M	1:1	0.01	782.00	23230	0.0	22.62	1	49	Left	0	0.714	28.0	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	E	0321M	1:1	-0.01	782.00	23230	0.0	19.27	1	49	Back	0	0.472	26.5	25.6
Phablet	LTE Band 13	10	QPSK	E	0321M	1:1	-0.05	782.00	23230	0.0	19.27	1	49	Front	0	0.514	26.1	
Phablet	LTE Band 13	10	QPSK	E	0321M	1:1	0.00	782.00	23230	0.0	19.27	1	49	Top	0	0.579	25.6	
Phablet	LTE Band 13	10	QPSK	E	0321M	1:1	0.03	782.00	23230	0.0	19.27	1	49	Right	0	0.425	26.9	

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Table A-6
RSI=0 P_{Limit} Calculations – LTE Band 26 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	A	0321M	1:1	0.00	831.50	26865	0.0	23.13	1	74	Back	0	0.800	28.0	28.0
Phablet	LTE Band 26	15	QPSK	A	0321M	1:1	-0.02	831.50	26865	0.0	23.13	1	74	Front	0	0.583	29.4	
Phablet	LTE Band 26	15	QPSK	A	0321M	1:1	-0.01	831.50	26865	0.0	23.13	1	74	Bottom	0	0.494	30.1	
Phablet	LTE Band 26	15	QPSK	A	0321M	1:1	-0.03	831.50	26865	0.0	23.13	1	74	Right	0	0.142	35.5	
Phablet	LTE Band 26	15	QPSK	A	0321M	1:1	-0.11	831.50	26865	0.0	23.13	1	74	Left	0	0.591	29.3	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	E	0321M	1:1	0.10	831.50	26865	0.0	20.35	1	74	Back	0	0.497	27.3	25.6
Phablet	LTE Band 26	15	QPSK	E	0321M	1:1	-0.07	831.50	26865	0.0	20.35	1	74	Front	0	0.746	25.6	
Phablet	LTE Band 26	15	QPSK	E	0321M	1:1	0.16	831.50	26865	0.0	20.35	1	74	Top	0	0.539	27.0	
Phablet	LTE Band 26	15	QPSK	E	0321M	1:1	0.18	831.50	26865	0.0	20.35	1	74	Right	0	0.356	28.8	

Table A-7
RSI=0 P_{Limit} Calculations – LTE Band 66 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	A	0760M	1:1	0.04	1745.00	132322	0.0	18.19	50	50	Back	0	0.625	24.2	23.9
Phablet	LTE Band 66	20	QPSK	A	0760M	1:1	-0.02	1745.00	132322	0.0	18.19	50	50	Front	0	0.657	23.9	
Phablet	LTE Band 66	20	QPSK	A	0760M	1:1	-0.03	1745.00	132322	0.0	18.19	50	50	Right	0	0.073	33.5	
Phablet	LTE Band 66	20	QPSK	A	0760M	1:1	-0.03	1745.00	132322	0.0	18.19	50	50	Left	0	0.185	29.4	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	F	0760M	1:1	-0.01	1720.00	132072	0.0	18.53	1	0	Back	0	1.030	22.3	22.3
Phablet	LTE Band 66	20	QPSK	F	0760M	1:1	-0.03	1720.00	132072	0.0	18.53	1	0	Front	0	0.898	22.9	
Phablet	LTE Band 66	20	QPSK	F	0760M	1:1	-0.04	1720.00	132072	0.0	18.53	1	0	Left	0	0.225	28.9	

Table A-8
RSI=0 P_{Limit} Calculations – LTE Band 25 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 25	20	QPSK	A	0760M	1:1	0.01	1905.00	26590	0.0	17.33	50	0	Back	0	0.591	23.5	23.5
Phablet	LTE Band 25	20	QPSK	A	0760M	1:1	0.00	1905.00	26590	0.0	17.33	50	0	Front	0	0.580	23.0	
Phablet	LTE Band 25	20	QPSK	A	0760M	1:1	-0.03	1905.00	26590	0.0	17.33	50	0	Right	0	0.107	31.0	
Phablet	LTE Band 25	20	QPSK	A	0760M	1:1	0.00	1905.00	26590	0.0	17.33	50	0	Left	0	0.094	31.5	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 25	20	QPSK	F	0760M	1:1	-0.02	1905.00	26590	0.0	19.66	1	99	Back	0	1.100	23.2	23.2
Phablet	LTE Band 25	20	QPSK	F	0760M	1:1	0.00	1905.00	26590	0.0	19.66	1	99	Front	0	0.806	24.5	
Phablet	LTE Band 25	20	QPSK	F	0760M	1:1	0.04	1905.00	26590	0.0	19.66	1	99	Left	0	0.240	29.8	

Table A-9
RSI=0 P_{Limit} Calculations – LTE Band 41 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 41	20	QPSK	B	0948M	1:1.58	-0.13	2549.50	40185	0.0	19.86	50	0	Back	0	1.010	21.8	21.8
Phablet	LTE Band 41	20	QPSK	B	0948M	1:1.58	-0.02	2549.50	40185	0.0	19.86	50	0	Front	0	0.778	22.9	
Phablet	LTE Band 41	20	QPSK	B	0948M	1:1.58	0.02	2549.50	40185	0.0	19.86	50	0	Bottom	0	0.898	22.3	
Phablet	LTE Band 41	20	QPSK	B	0948M	1:1.58	0.04	2549.50	40185	0.0	19.86	50	0	Left	0	0.533	24.5	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 41	20	QPSK	F	0946M	1:1.58	0.01	2506.00	39750	0.0	16.96	1	0	Back	0	0.298	24.2	20.0
Phablet	LTE Band 41	20	QPSK	F	0946M	1:1.58	-0.02	2506.00	39750	0.0	16.96	1	0	Front	0	0.268	24.6	
Phablet	LTE Band 41	20	QPSK	F	0946M	1:1.58	0.01	2506.00	39750	0.0	16.96	1	0	Top	0	0.779	20.0	
Phablet	LTE Band 41	20	QPSK	F	0946M	1:1.58	0.09	2506.00	39750	0.0	16.96	1	0	Left	0	0.023	35.3	

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Table A-10
RSI=0 P_{Limit} Calculations – NR Band n12 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n12	15	QPSK	A	0760M	1:1	0.00	707.50	141500	DFT-s-OFDM	0.0	24.06	1	1	Back	0	1.080	27.7	27.7
Phablet	NR Band n12	15	QPSK	A	0760M	1:1	0.01	707.50	141500	DFT-s-OFDM	0.0	24.06	1	1	Front	0	0.852	28.7	
Phablet	NR Band n12	15	QPSK	A	0760M	1:1	0.08	707.50	141500	DFT-s-OFDM	0.0	24.06	1	1	Bottom	0	0.621	30.1	
Phablet	NR Band n12	15	QPSK	A	0760M	1:1	0.03	707.50	141500	DFT-s-OFDM	0.0	24.06	1	1	Right	0	0.183	35.4	
Phablet	NR Band n12	15	QPSK	A	0760M	1:1	0.05	707.50	141500	DFT-s-OFDM	0.0	24.06	1	1	Left	0	0.248	34.0	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n12	15	QPSK	E	0760M	1:1	-0.04	707.50	141500	DFT-s-OFDM	0.0	20.92	36	22	Back	0	0.679	26.5	25.4
Phablet	NR Band n12	15	QPSK	E	0760M	1:1	-0.01	707.50	141500	DFT-s-OFDM	0.0	20.92	36	22	Front	0	0.739	26.2	
Phablet	NR Band n12	15	QPSK	E	0760M	1:1	-0.05	707.50	141500	DFT-s-OFDM	0.0	20.92	36	22	Top	0	0.883	25.4	
Phablet	NR Band n12	15	QPSK	E	0760M	1:1	-0.09	707.50	141500	DFT-s-OFDM	0.0	20.92	36	22	Right	0	0.387	29.0	

Table A-11
RSI=0 P_{Limit} Calculations – NR Band n26 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n26	20	QPSK	A	0760M	1:1	-0.02	831.50	166300	DFT-s-OFDM	0.0	24.01	1	104	Back	0	0.851	28.6	28.6
Phablet	NR Band n26	20	QPSK	A	0760M	1:1	-0.03	831.50	166300	DFT-s-OFDM	0.0	24.01	1	104	Front	0	0.693	29.5	
Phablet	NR Band n26	20	QPSK	A	0760M	1:1	0.00	831.50	166300	DFT-s-OFDM	0.0	24.01	1	104	Bottom	0	0.712	29.4	
Phablet	NR Band n26	20	QPSK	A	0760M	1:1	0.00	831.50	166300	DFT-s-OFDM	0.0	24.01	1	104	Right	0	0.213	34.7	
Phablet	NR Band n26	20	QPSK	A	0760M	1:1	0.04	831.50	166300	DFT-s-OFDM	0.0	24.01	1	104	Left	0	0.480	31.1	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n26	20	QPSK	E	0760M	1:1	0.00	831.50	166300	CP-OFDM	0.0	19.70	1	1	Back	0	0.758	24.8	24.3
Phablet	NR Band n26	20	QPSK	E	0760M	1:1	-0.04	831.50	166300	CP-OFDM	0.0	19.70	1	1	Front	0	0.832	24.4	
Phablet	NR Band n26	20	QPSK	E	0760M	1:1	0.02	831.50	166300	CP-OFDM	0.0	19.70	1	1	Top	0	0.864	24.3	
Phablet	NR Band n26	20	QPSK	E	0760M	1:1	-0.02	831.50	166300	CP-OFDM	0.0	19.70	1	1	Right	0	0.477	26.8	

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Table A-12
RSI=0 P_{Limit} Calculations – NR Band n66 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n66	40	QPSK	A	0729M	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	18.28	1	214	Back	0	0.590	22.5	22.5
Phablet	NR Band n66	40	QPSK	A	0729M	1:1	-0.02	1745.00	349000	DFT-s-OFDM	0.0	18.28	1	214	Front	0	0.824	23.1	
Phablet	NR Band n66	40	QPSK	A	0729M	1:1	-0.06	1745.00	349000	DFT-s-OFDM	0.0	18.28	1	214	Right	0	0.076	33.4	
Phablet	NR Band n66	40	QPSK	A	0729M	1:1	0.06	1745.00	349000	DFT-s-OFDM	0.0	18.28	1	214	Left	0	0.158	30.2	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n66	40	QPSK	F	0729M	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	19.74	108	108	Back	0	1.160	23.0	23.0
Phablet	NR Band n66	40	QPSK	F	0729M	1:1	-0.02	1745.00	349000	DFT-s-OFDM	0.0	19.74	108	108	Front	0	1.010	23.6	
Phablet	NR Band n66	40	QPSK	F	0729M	1:1	0.02	1745.00	349000	DFT-s-OFDM	0.0	19.74	108	108	Left	0	0.193	30.8	
ANSI/IEEE C55.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																Phablet 4.0 W/kg (mW/g) averaged over 10 grams			

Table A-13
RSI=0 P_{Limit} Calculations – NR Band n25 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n25	40	QPSK	A	0729M	1:1	0.00	1882.50	376500	DFT-s-OFDM	0.0	17.46	1	214	Back	0	0.886	21.9	21.9
Phablet	NR Band n25	40	QPSK	A	0729M	1:1	-0.02	1882.50	376500	DFT-s-OFDM	0.0	17.46	1	214	Front	0	0.800	22.4	
Phablet	NR Band n25	40	QPSK	A	0729M	1:1	-0.01	1882.50	376500	DFT-s-OFDM	0.0	17.46	1	214	Right	0	0.103	31.3	
Phablet	NR Band n25	40	QPSK	A	0729M	1:1	0.01	1882.50	376500	DFT-s-OFDM	0.0	17.46	1	214	Left	0	0.084	32.1	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n25	40	QPSK	F	0729M	1:1	0.04	1882.50	376500	DFT-s-OFDM	0.0	19.30	108	108	Back	0	1.090	22.9	22.9
Phablet	NR Band n25	40	QPSK	F	0729M	1:1	-0.01	1882.50	376500	DFT-s-OFDM	0.0	19.30	108	108	Front	0	0.872	23.8	
Phablet	NR Band n25	40	QPSK	F	0729M	1:1	0.00	1882.50	376500	DFT-s-OFDM	0.0	19.30	108	108	Left	0	0.214	29.9	

Table A-14
RSI=0 P_{Limit} Calculations – NR Band n41 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Path	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n41	100	QPSK	F	1	0993M	1:1	-0.01	2592.99	518598	DFT-s-OFDM	0.0	17.57	1	137	Back	0	0.727	22.9	22.9
Phablet	NR Band n41	100	QPSK	F	1	0993M	1:1	0.03	2592.99	518598	DFT-s-OFDM	0.0	17.57	1	137	Front	0	0.652	23.4	
Phablet	NR Band n41	100	QPSK	F	1	0993M	1:1	-0.04	2592.99	518598	DFT-s-OFDM	0.0	17.57	1	137	Left	0	0.070	33.0	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Path	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n41	100	QPSK	B	2	0993M	1:1	0.04	2592.99	518598	DFT-s-OFDM	0.0	20.94	1	137	Back	0	1.680	22.6	22.6
Phablet	NR Band n41	100	QPSK	B	2	0993M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	20.94	1	137	Front	0	0.830	25.7	
Phablet	NR Band n41	100	QPSK	B	2	0993M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	20.94	1	137	Left	0	0.931	25.2	
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Path	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n41	100	B	1	0993M	1:1	0.03	2592.99	518598	CW/SRS	21.29	Back	0	1.560	23.3	23.3				
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Path	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n41	100	E	1	0993M	1:1	0.03	2592.99	518598	CW/SRS	15.94	Back	0	0.282	25.4	21.6				
Phablet	NR Band n41	100	E	1	0993M	1:1	-0.03	2592.99	518598	CW/SRS	15.94	Front	0	0.422	23.6					
Phablet	NR Band n41	100	E	1	0993M	1:1	-0.05	2592.99	518598	CW/SRS	15.94	Top	0	0.291	25.2					
Phablet	NR Band n41	100	E	1	0993M	1:1	-0.01	2592.99	518598	CW/SRS	15.94	Right	0	0.666	21.6					
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Path	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n41	100	E	2	0993M	1:1	0.00	2592.99	518598	CW/SRS	16.11	Right	0	0.807	21.0	21.0				

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Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Path	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n41	100	D	1	0993M	1:1	0.00	2592.99	518598	CW/SRS	18.07	Back	0	1.260	21.0	21.0
Phablet	NR Band n41	100	D	1	0993M	1:1	0.02	2592.99	518598	CW/SRS	18.07	Front	0	0.261	27.8	
Phablet	NR Band n41	100	D	1	0993M	1:1	-0.05	2592.99	518598	CW/SRS	18.07	Bottom	0	0.284	27.5	
Phablet	NR Band n41	100	D	1	0993M	1:1	-0.08	2592.99	518598	CW/SRS	18.07	Right	0	0.026	37.8	
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Path	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n41	100	D	2	0993M	1:1	-0.05	2592.99	518598	CW/SRS	17.90	Back	0	1.330	20.6	20.6

Table A-15
RSI=0 P_{Limit} Calculations – NR Band n77 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n77	100	QPSK	F	0904M	1:1	0.04	3750.00	650000	DFT-s-OFDM	0.0	15.41	1	137	Back	0	0.510	22.3	20.3
Phablet	NR Band n77	100	QPSK	F	0904M	1:1	-0.05	3750.00	650000	DFT-s-OFDM	0.0	15.41	1	137	Front	0	0.532	22.1	
Phablet	NR Band n77 DoD	100	QPSK	F	0904M	1:1	0.00	3500.01	633334	DFT-s-OFDM	0.0	15.55	1	271	Top	0	0.829	20.3	
Phablet	NR Band n77	100	QPSK	F	0904M	1:1	-0.02	3750.00	650000	DFT-s-OFDM	0.0	15.41	1	137	Top	0	0.700	20.9	
Phablet	NR Band n77	100	QPSK	F	0904M	1:1	-0.08	3750.00	650000	DFT-s-OFDM	0.0	15.41	1	137	Left	0	0.083	30.1	
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n77	100	C	0904M	1:1	-0.07	3930.00	662000	CW/SRS	18.64	Back	0	0.862	23.2	19.5				
Phablet	NR Band n77	100	C	0904M	1:1	0.04	3930.00	662000	CW/SRS	18.64	Front	0	0.571	25.0					
Phablet	NR Band n77	100	C	0904M	1:1	0.02	3930.00	662000	CW/SRS	18.64	Bottom	0	0.170	30.3					
Phablet	NR Band n77 DoD	100	C	0904M	1:1	0.00	3500.01	633334	CW/SRS	17.01	Left	0	1.400	19.5					
Phablet	NR Band n77	100	C	0904M	1:1	-0.11	3930.00	662000	CW/SRS	18.64	Left	0	1.280	21.5					
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n77 DoD	100	H	0904M	1:1	-0.03	3500.01	633334	CW/SRS	12.94	Back	0	0.641	18.8	18.8				
Phablet	NR Band n77	100	H	0904M	1:1	0.01	3930.00	662000	CW/SRS	13.49	Back	0	0.630	19.4					
Phablet	NR Band n77	100	H	0904M	1:1	-0.01	3930.00	662000	CW/SRS	13.49	Front	0	0.598	19.7					
Phablet	NR Band n77	100	H	0904M	1:1	0.04	3930.00	662000	CW/SRS	13.49	Left	0	0.114	26.9					
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n77 DoD	100	D	0904M	1:1	-0.12	3500.01	633334	CW/SRS	13.96	Back	0	0.872	18.5	18.5				
Phablet	NR Band n77	100	D	0904M	1:1	-0.10	3750.00	650000	CW/SRS	13.87	Back	0	0.688	19.4					
Phablet	NR Band n77	100	D	0904M	1:1	-0.06	3750.00	650000	CW/SRS	13.87	Front	0	0.034	32.5					
Phablet	NR Band n77	100	D	0904M	1:1	-0.01	3750.00	650000	CW/SRS	13.87	Bottom	0	0.062	29.9					
Phablet	NR Band n77	100	D	0904M	1:1	-0.11	3750.00	650000	CW/SRS	13.87	Right	0	0.025	33.8					

Table A-16
DSI = 0 P_{Limit} Calculations – 2.4 GHz WIFI Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	G	3044M	99.87	0.00	2437.00	6	1.0	15.14	Back	0	0.829	19.9	18.6	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	G	3044M	99.87	0.04	2437.00	6	1.0	15.14	Front	0	0.633	21.0		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	G	3044M	99.87	-0.02	2437.00	6	1.0	15.14	Top	0	0.215	25.7		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	G	3044M	99.87	0.00	2437.00	6	1.0	15.14	Left	0	1.100	18.6		
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	I	3044M	97.68	0.03	2437.00	6	1.0	15.96	Back	0	0.118	29.1	22.1	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	I	3044M	97.68	0.12	2437.00	6	1.0	15.96	Front	0	0.592	22.1		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	I	3044M	97.68	-0.15	2437.00	6	1.0	15.96	Top	0	0.004	43.8		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	I	3044M	97.68	0.08	2437.00	6	1.0	15.96	Right	0	0.149	28.1		
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	3044M	98.72	-0.01	2412.00	1	1.0	15.03	15.99	Back	0	0.884	19.4	18.4
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	3044M	98.72	-0.07	2412.00	1	1.0	15.03	15.99	Front	0	0.521	21.7	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	3044M	98.72	0.06	2412.00	1	1.0	15.03	15.99	Top	0	0.108	28.6	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	3044M	98.72	0.06	2412.00	1	1.0	15.03	15.99	Right	0	0.118	28.2	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	3044M	98.72	0.05	2412.00	1	1.0	15.03	15.99	Left	0	1.120	18.4	

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