

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

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

This appendix contains only P_{Limit} specific to part 0 only testing. P_{Limit} data for shared data with part 1 report can be referenced in the RF Exposure Part 1 Test Report

Table A-1
 P_{Limit} Calculations – GPRS 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 4 Tx Slots	A	3707M	1:2.076	-0.12	824.20	128	27.73	Back	0	1.110	28.0	28.0
Phablet	GPRS 850	GPRS 4 Tx Slots	A	3707M	1:2.076	0.04	824.20	128	27.73	Front	0	0.636	30.4	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	3707M	1:2.076	0.05	824.20	128	27.73	Bottom	0	0.999	28.5	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	3707M	1:2.076	-0.02	824.20	128	27.73	Right	0	0.626	30.5	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	3707M	1:2.076	0.04	824.20	128	27.73	Left	0	0.048	41.7	
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 1900	GPRS 4 Tx Slots	B	3654M	1:2.076	0.03	1850.20	512	22.21	Back	0	0.997	23.0	23.0
Phablet	GPRS 1900	GPRS 4 Tx Slots	B	3654M	1:2.076	0.02	1850.20	512	22.21	Front	0	0.775	24.1	
Phablet	GPRS 1900	GPRS 4 Tx Slots	B	3654M	1:2.076	0.01	1850.20	512	22.21	Bottom	0	0.837	23.7	
Phablet	GPRS 1900	GPRS 4 Tx Slots	B	3654M	1:2.076	-0.02	1850.20	512	22.21	Left	0	0.341	27.6	

Table A-2
 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	3707M	1:1	0.04	826.40	4132	24.48	Back	0	1.240	27.5	27.5
Phablet	UMTS 850	RMC	A	3707M	1:1	-0.03	826.40	4132	24.48	Front	0	0.554	31.0	
Phablet	UMTS 850	RMC	A	3707M	1:1	0.02	826.40	4132	24.48	Bottom	0	1.090	28.0	
Phablet	UMTS 850	RMC	A	3707M	1:1	0.03	826.40	4132	24.48	Right	0	0.636	30.4	
Phablet	UMTS 850	RMC	A	3707M	1:1	-0.02	826.40	4132	24.48	Left	0	0.057	40.9	
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	B	3706M	1:1	-0.05	1712.40	1312	20.63	Back	0	1.590	22.5	22.5
Phablet	UMTS 1750	RMC	B	3706M	1:1	0.00	1712.40	1312	20.63	Front	0	0.996	24.6	
Phablet	UMTS 1750	RMC	B	3706M	1:1	-0.03	1712.40	1312	20.63	Bottom	0	1.030	24.4	
Phablet	UMTS 1750	RMC	B	3706M	1:1	0.04	1712.40	1312	20.63	Left	0	0.550	27.2	
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	B	3616M	1:1	0.01	1852.40	9262	20.12	Back	0	1.850	21.4	21.4
Phablet	UMTS 1900	RMC	B	3616M	1:1	-0.09	1852.40	9262	20.12	Front	0	1.360	22.7	
Phablet	UMTS 1900	RMC	B	3616M	1:1	-0.02	1852.40	9262	20.12	Bottom	0	1.280	23.0	
Phablet	UMTS 1900	RMC	B	3616M	1:1	-0.03	1852.40	9262	20.12	Left	0	0.602	26.3	

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Table A-3
***P_{Limit}* Calculations – LTE Band 71 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 71	20	QPSK	A	3490M	1:1	-0.08	680.50	133297	0.0	24.17	1	0	Back	0	0.934	28.4	28.4
Phablet	LTE Band 71	20	QPSK	A	3490M	1:1	0.01	680.50	133297	0.0	24.17	1	0	Front	0	0.552	30.7	
Phablet	LTE Band 71	20	QPSK	A	3490M	1:1	0.00	680.50	133297	0.0	24.17	1	0	Bottom	0	0.818	29.0	
Phablet	LTE Band 71	20	QPSK	A	3490M	1:1	0.02	680.50	133297	0.0	24.17	1	0	Right	0	0.638	30.1	
Phablet	LTE Band 71	20	QPSK	A	3490M	1:1	-0.07	680.50	133297	0.0	24.17	1	0	Left	0	0.054	40.8	

Table A-4
***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	3647M	1:1	-0.01	707.50	23095	0.0	24.64	1	0	Back	0	0.811	29.5	29.1
Phablet	LTE Band 12	10	QPSK	A	3647M	1:1	0.00	707.50	23095	0.0	24.64	1	0	Front	0	0.484	31.7	
Phablet	LTE Band 12	10	QPSK	A	3647M	1:1	-0.08	707.50	23095	0.0	24.64	1	0	Bottom	0	0.879	29.1	
Phablet	LTE Band 12	10	QPSK	A	3647M	1:1	-0.04	707.50	23095	0.0	24.64	1	0	Right	0	0.545	31.2	
Phablet	LTE Band 12	10	QPSK	A	3647M	1:1	0.10	707.50	23095	0.0	24.64	1	0	Left	0	0.060	40.8	

Table A-5
***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	3647M	1:1	-0.07	782.00	23230	0.0	24.06	1	0	Back	0	0.760	29.2	29.2
Phablet	LTE Band 13	10	QPSK	A	3647M	1:1	0.00	782.00	23230	0.0	24.06	1	0	Front	0	0.482	31.2	
Phablet	LTE Band 13	10	QPSK	A	3647M	1:1	-0.05	782.00	23230	0.0	24.06	1	0	Bottom	0	0.761	29.2	
Phablet	LTE Band 13	10	QPSK	A	3647M	1:1	-0.15	782.00	23230	0.0	24.06	1	0	Right	0	0.464	31.3	
Phablet	LTE Band 13	10	QPSK	A	3647M	1:1	0.06	782.00	23230	0.0	24.06	1	0	Left	0	0.068	39.7	

Table A-6
***P_{Limit}* Calculations – LTE Band 14 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 14	10	QPSK	A	3647M	1:1	-0.01	793.00	23330	0.0	24.21	1	0	Back	0	0.907	28.6	27.9
Phablet	LTE Band 14	10	QPSK	A	3647M	1:1	0.00	793.00	23330	0.0	24.21	1	0	Front	0	0.532	30.9	
Phablet	LTE Band 14	10	QPSK	A	3647M	1:1	-0.07	793.00	23330	0.0	24.21	1	0	Bottom	0	1.050	27.9	
Phablet	LTE Band 14	10	QPSK	A	3647M	1:1	0.00	793.00	23330	0.0	24.21	1	0	Right	0	0.535	30.9	
Phablet	LTE Band 14	10	QPSK	A	3647M	1:1	0.05	793.00	23330	0.0	24.21	1	0	Left	0	0.071	39.6	

Table A-7
***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	3647M	1:1	-0.03	831.50	26865	0.0	24.53	1	0	Back	0	1.390	27.0	27.0
Phablet	LTE Band 26	15	QPSK	A	3647M	1:1	-0.05	831.50	26865	0.0	24.53	1	0	Front	0	0.520	31.3	
Phablet	LTE Band 26	15	QPSK	A	3647M	1:1	0.03	831.50	26865	0.0	24.53	1	0	Bottom	0	1.090	28.1	
Phablet	LTE Band 26	15	QPSK	A	3647M	1:1	-0.01	831.50	26865	0.0	24.53	1	0	Right	0	0.660	30.3	
Phablet	LTE Band 26	15	QPSK	A	3647M	1:1	-0.02	831.50	26865	0.0	24.53	1	0	Left	0	0.068	40.1	

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Table A-8
 P_{Limit} Calculations – LTE Band 5 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 5	10	QPSK	A	3707M	1:1	0.01	836.50	20525	0.0	24.20	1	0	Back	0	1.170	27.4	27.4
Phablet	LTE Band 5	10	QPSK	A	3707M	1:1	0.00	836.50	20525	0.0	24.20	1	0	Front	0	0.658	29.9	
Phablet	LTE Band 5	10	QPSK	A	3707M	1:1	0.00	836.50	20525	0.0	24.20	1	0	Bottom	0	1.160	27.5	
Phablet	LTE Band 5	10	QPSK	A	3707M	1:1	0.02	836.50	20525	0.0	24.20	1	0	Right	0	0.704	29.7	
Phablet	LTE Band 5	10	QPSK	A	3707M	1:1	0.00	836.50	20525	0.0	24.20	1	0	Left	0	0.069	39.7	

Table A-9
 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	B	3706M	1:1	-0.07	1720.00	132072	0.0	21.13	50	25	Back	0	1.070	24.8	24.8
Phablet	LTE Band 66	20	QPSK	B	3706M	1:1	-0.03	1720.00	132072	0.0	21.13	50	25	Front	0	1.000	25.1	
Phablet	LTE Band 66	20	QPSK	B	3706M	1:1	-0.08	1720.00	132072	0.0	21.13	50	25	Bottom	0	1.040	24.9	
Phablet	LTE Band 66	20	QPSK	B	3706M	1:1	0.00	1720.00	132072	0.0	21.13	50	25	Left	0	0.610	27.2	
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	3438M	1:1	0.08	1720.00	132072	0.0	20.08	50	25	Back	0	1.310	22.8	22.2
Phablet	LTE Band 66	20	QPSK	F	3438M	1:1	-0.05	1720.00	132072	0.0	20.08	50	25	Front	0	0.795	25.0	
Phablet	LTE Band 66	20	QPSK	F	3438M	1:1	0.01	1720.00	132072	0.0	20.08	50	25	Top	0	1.500	22.2	
Phablet	LTE Band 66	20	QPSK	F	3438M	1:1	-0.02	1720.00	132072	0.0	20.08	50	25	Left	0	0.300	29.2	

Table A-10
 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	B	3616M	1:1	0.00	1882.50	26365	0.0	20.74	50	0	Back	0	2.060	21.5	21.5
Phablet	LTE Band 25	20	QPSK	B	3616M	1:1	0.01	1882.50	26365	0.0	20.74	50	0	Front	0	1.390	23.2	
Phablet	LTE Band 25	20	QPSK	B	3616M	1:1	0.09	1882.50	26365	0.0	20.74	50	0	Bottom	0	1.430	23.1	
Phablet	LTE Band 25	20	QPSK	B	3616M	1:1	-0.03	1882.50	26365	0.0	20.74	50	0	Left	0	0.665	26.4	
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 25	20	QPSK	F	3616M	1:1	0.01	1882.50	26365	0.0	20.99	1	0	Back	0	1.240	24.0	22.1
Phablet	LTE Band 25	20	QPSK	F	3616M	1:1	-0.02	1882.50	26365	0.0	20.99	1	0	Front	0	0.735	26.3	
Phablet	LTE Band 25	20	QPSK	F	3616M	1:1	0.15	1882.50	26365	0.0	20.99	1	0	Top	0	1.900	22.1	
Phablet	LTE Band 25	20	QPSK	F	3616M	1:1	0.04	1882.50	26365	0.0	20.99	1	0	Left	0	0.276	30.5	

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Table A-11
 P_{Limit} Calculations – LTE Band 30 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 30	10	QPSK	B	3651M	1:1	-0.01	2310.00	27710	0.0	19.37	1	0	Back	0	1.560	21.4	21.4
Phablet	LTE Band 30	10	QPSK	B	3651M	1:1	-0.11	2310.00	27710	0.0	19.37	1	0	Front	0	1.080	23.0	
Phablet	LTE Band 30	10	QPSK	B	3651M	1:1	-0.04	2310.00	27710	0.0	19.37	1	0	Bottom	0	1.190	22.5	
Phablet	LTE Band 30	10	QPSK	B	3651M	1:1	-0.05	2310.00	27710	0.0	19.37	1	0	Left	0	0.371	27.6	
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 30	10	QPSK	F	3422M	1:1	0.00	2310.00	27710	0.0	18.56	1	49	Back	0	0.857	23.2	22.2
Phablet	LTE Band 30	10	QPSK	F	3422M	1:1	-0.01	2310.00	27710	0.0	18.56	1	49	Front	0	0.419	26.3	
Phablet	LTE Band 30	10	QPSK	F	3422M	1:1	-0.02	2310.00	27710	0.0	18.56	1	49	Top	0	1.070	22.2	
Phablet	LTE Band 30	10	QPSK	F	3422M	1:1	-0.12	2310.00	27710	0.0	18.56	1	49	Left	0	0.155	30.6	

Table A-12
 P_{Limit} Calculations – LTE Band 7 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 7	20	QPSK	B	3423M	1:1	0.01	2510.00	20850	0.0	19.75	1	0	Back	0	0.355	28.2	28.2
Phablet	LTE Band 7	20	QPSK	B	3423M	1:1	-0.04	2510.00	20850	0.0	19.75	1	0	Front	0	0.221	30.2	
Phablet	LTE Band 7	20	QPSK	B	3423M	1:1	0.03	2510.00	20850	0.0	19.75	1	0	Bottom	0	0.312	28.7	
Phablet	LTE Band 7	20	QPSK	B	3423M	1:1	-0.02	2510.00	20850	0.0	19.75	1	0	Left	0	0.052	36.5	
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 7	20	QPSK	F	3423M	1:1	-0.01	2560.00	21350	0.0	21.00	50	0	Back	0	1.120	24.4	24.4
Phablet	LTE Band 7	20	QPSK	F	3423M	1:1	-0.03	2560.00	21350	0.0	21.00	50	0	Front	0	0.315	29.9	
Phablet	LTE Band 7	20	QPSK	F	3423M	1:1	-0.01	2560.00	21350	0.0	21.00	50	0	Top	0	1.090	24.6	
Phablet	LTE Band 7	20	QPSK	F	3423M	1:1	0.03	2560.00	21350	0.0	21.00	50	0	Left	0	0.110	34.5	

Table A-13
 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	F	3434M	1:2.31	0.03	2680.00	41490	0.0	23.13	50	0	Back	0	1.020	23.3	22.0
Phablet	LTE Band 41	20	QPSK	F	3434M	1:2.31	-0.02	2680.00	41490	0.0	23.13	50	0	Front	0	0.338	28.1	
Phablet	LTE Band 41	20	QPSK	F	3434M	1:2.31	0.06	2680.00	41490	0.0	23.13	50	0	Top	0	1.390	22.0	
Phablet	LTE Band 41	20	QPSK	F	3434M	1:2.31	0.00	2680.00	41490	0.0	23.13	50	0	Left	0	0.069	35.0	
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 41	20	QPSK	B	0751M	1:2.31	0.00	2636.50	41055	0.0	24.05	50	0	Back	0	1.610	22.3	22.3
Phablet	LTE Band 41	20	QPSK	B	0751M	1:2.31	-0.02	2636.50	41055	0.0	24.05	50	0	Front	0	0.690	26.0	
Phablet	LTE Band 41	20	QPSK	B	0751M	1:2.31	0.00	2636.50	41055	0.0	24.05	50	0	Bottom	0	1.310	23.2	
Phablet	LTE Band 41	20	QPSK	B	0751M	1:2.31	-0.03	2636.50	41055	0.0	24.05	50	0	Left	0	0.369	28.7	

Table A-14
 P_{Limit} Calculations – LTE Band 48 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 48	20	QPSK	G	3714M	1:1.58	-0.04	3560.00	55340	0.0	20.86	50	50	Back	0	0.811	23.7	19.2
Phablet	LTE Band 48	20	QPSK	G	3714M	1:1.58	-0.02	3560.00	55340	0.0	20.86	50	50	Front	0	0.840	23.6	
Phablet	LTE Band 48	20	QPSK	G	3714M	1:1.58	0.04	3560.00	55340	0.0	20.86	50	50	Top	0	0.300	28.0	
Phablet	LTE Band 48	20	QPSK	G	3714M	1:1.58	0.00	3560.00	55340	0.0	20.86	50	50	Left	0	2.300	19.2	

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Table A-15
***P_{Limit}* Calculations – NR Band n71 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	NR Band n71	20	QPSK	A	3654M	1:1	-0.04	680.50	136100	0.0	24.56	1	53	Back	0	0.890	29.0	29.0
Phablet	NR Band n71	20	QPSK	A	3654M	1:1	0.01	680.50	136100	0.0	24.56	1	53	Front	0	0.662	30.3	
Phablet	NR Band n71	20	QPSK	A	3654M	1:1	-0.02	680.50	136100	0.0	24.56	1	53	Bottom	0	0.899	29.0	
Phablet	NR Band n71	20	QPSK	A	3654M	1:1	-0.08	680.50	136100	0.0	24.56	1	53	Right	0	0.674	30.2	
Phablet	NR Band n71	20	QPSK	A	3654M	1:1	0.06	680.50	136100	0.0	24.56	1	53	Left	0	0.055	41.1	

Table A-16
***P_{Limit}* Calculations – NR Band n5 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 n5	20	QPSK	A	3490M	1:1	0.03	836.50	167300	DFT-s-OFDM	0.0	24.97	50	28	Back	0	1.730	26.5	26.5
Phablet	NR Band n5	20	QPSK	A	3490M	1:1	-0.02	836.50	167300	DFT-s-OFDM	0.0	24.97	50	28	Front	0	0.747	30.2	
Phablet	NR Band n5	20	QPSK	A	3490M	1:1	-0.04	836.50	167300	DFT-s-OFDM	0.0	24.97	50	28	Bottom	0	1.310	27.7	
Phablet	NR Band n5	20	QPSK	A	3490M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	24.97	50	28	Right	0	0.754	30.1	
Phablet	NR Band n5	20	QPSK	A	3490M	1:1	0.08	836.50	167300	DFT-s-OFDM	0.0	24.97	50	28	Left	0	0.060	41.1	

Table A-17
***P_{Limit}* Calculations – NR Band n70 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 n70	15	QPSK	B	3658M	1:1	-0.06	1702.50	340500	DFT-s-OFDM	0.0	20.61	36	22	Back	0	1.430	23.0	23.0
Phablet	NR Band n70	15	QPSK	B	3658M	1:1	-0.01	1702.50	340500	DFT-s-OFDM	0.0	20.61	36	22	Front	0	1.060	24.3	
Phablet	NR Band n70	15	QPSK	B	3658M	1:1	0.06	1702.50	340500	DFT-s-OFDM	0.0	20.61	36	22	Bottom	0	0.931	24.8	
Phablet	NR Band n70	15	QPSK	B	3658M	1:1	0.03	1702.50	340500	DFT-s-OFDM	0.0	20.61	36	22	Left	0	0.560	27.1	

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Table A-18
 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	B	3658M	1:1	-0.05	1745.00	349000	DFT-s-OFDM	0.0	21.55	108	0	Front	0	1.030	25.4	23.7
Phablet	NR Band n66	40	QPSK	B	3658M	1:1	0.05	1745.00	349000	DFT-s-OFDM	0.0	21.55	108	0	Bottom	0	1.160	24.8	
Phablet	NR Band n66	40	QPSK	B	3658M	1:1	-0.07	1745.00	349000	DFT-s-OFDM	0.0	21.55	108	0	Left	0	0.655	27.3	
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	3714M	1:1	0.17	1745.00	349000	DFT-s-OFDM	0.0	20.21	1	108	Back	0	0.991	24.2	22.3
Phablet	NR Band n66	40	QPSK	F	3714M	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	20.21	1	108	Front	0	0.675	25.8	
Phablet	NR Band n66	40	QPSK	F	3714M	1:1	0.07	1745.00	349000	DFT-s-OFDM	0.0	20.21	1	108	Top	0	1.510	22.3	
Phablet	NR Band n66	40	QPSK	F	3714M	1:1	-0.05	1745.00	349000	DFT-s-OFDM	0.0	20.21	1	108	Left	0	0.260	30.0	

Table A-19
 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	B	3651M	1:1	-0.01	1882.50	376500	DFT-s-OFDM	0.0	21.38	108	0	Back	0	2.060	22.2	22.2
Phablet	NR Band n25	40	QPSK	B	3651M	1:1	-0.01	1882.50	376500	DFT-s-OFDM	0.0	21.38	108	0	Front	0	1.430	23.8	
Phablet	NR Band n25	40	QPSK	B	3651M	1:1	0.07	1882.50	376500	DFT-s-OFDM	0.0	21.38	108	0	Bottom	0	1.390	23.9	
Phablet	NR Band n25	40	QPSK	B	3651M	1:1	0.01	1882.50	376500	DFT-s-OFDM	0.0	21.38	108	0	Left	0	0.679	27.0	
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 n25	40	QPSK	F	3438M	1:1	0.01	1882.50	376500	DFT-s-OFDM	0.0	21.28	1	108	Back	0	1.040	25.0	22.7
Phablet	NR Band n25	40	QPSK	F	3438M	1:1	-0.04	1882.50	376500	DFT-s-OFDM	0.0	21.28	1	108	Front	0	0.665	27.0	
Phablet	NR Band n25	40	QPSK	F	3438M	1:1	-0.02	1882.50	376500	DFT-s-OFDM	0.0	21.28	1	108	Top	0	1.770	22.7	
Phablet	NR Band n25	40	QPSK	F	3438M	1:1	-0.07	1882.50	376500	DFT-s-OFDM	0.0	21.28	1	108	Left	0	0.236	31.5	

Table A-20
 P_{Limit} Calculations – NR Band n30 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 n30	10	QPSK	B	3422M	1:1	-0.11	2310.00	462000	CP-OFDM	0.0	20.34	1	1	Back	0	0.174	31.9	31.9
Phablet	NR Band n30	10	QPSK	B	3422M	1:1	0.02	2310.00	462000	CP-OFDM	0.0	20.34	1	1	Front	0	0.088	34.8	
Phablet	NR Band n30	10	QPSK	B	3422M	1:1	0.03	2310.00	462000	CP-OFDM	0.0	20.34	1	1	Bottom	0	0.111	33.8	
Phablet	NR Band n30	10	QPSK	B	3422M	1:1	0.02	2310.00	462000	CP-OFDM	0.0	20.34	1	1	Left	0	0.024	40.5	
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 n30	10	QPSK	F	3422M	1:1	0.00	2310.00	462000	CP-OFDM	0.0	19.52	1	1	Back	0	0.672	25.2	23.0
Phablet	NR Band n30	10	QPSK	F	3422M	1:1	-0.11	2310.00	462000	CP-OFDM	0.0	19.52	1	1	Front	0	0.400	27.4	
Phablet	NR Band n30	10	QPSK	F	3422M	1:1	-0.05	2310.00	462000	CP-OFDM	0.0	19.52	1	1	Top	0	1.120	23.0	
Phablet	NR Band n30	10	QPSK	F	3422M	1:1	-0.08	2310.00	462000	CP-OFDM	0.0	19.52	1	1	Left	0	0.151	31.7	

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Table A-21
***P*_{Limit} Calculations – NR Band n41 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 n41	100	QPSK	B	3659M	1:1	-0.05	2592.99	518598	DFT-s-OFDM	0.0	20.40	1	137	Front	0	1.150	23.7	21.3
Phablet	NR Band n41	100	QPSK	B	3659M	1:1	0.01	2592.99	518598	DFT-s-OFDM	0.0	20.40	1	137	Left	0	0.360	28.8	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Phablet 4.0 W/kg (mW/g) averaged over 10 grams				
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 n41	100	QPSK	F	32867	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	19.17	1	271	Back	0	0.697	24.7	22.5
Phablet	NR Band n41	100	QPSK	F	32867	1:1	-0.03	2592.99	518598	DFT-s-OFDM	0.0	19.17	1	271	Front	0	0.299	28.3	
Phablet	NR Band n41	100	QPSK	F	32867	1:1	0.04	2592.99	518598	DFT-s-OFDM	0.0	19.17	1	271	Top	0	1.160	22.5	
Phablet	NR Band n41	100	QPSK	F	32867	1:1	-0.10	2592.99	518598	DFT-s-OFDM	0.0	19.17	1	271	Left	0	0.070	34.6	

Table A-22
***P*_{Limit} Calculations – NR Band n48 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 n48	40	QPSK	G	2783M	1:1	-0.05	3679.98	645332	DFT-s-OFDM	0.0	17.40	1	104	Back	0	0.603	23.5	18.1
Phablet	NR Band n48	40	QPSK	G	2783M	1:1	-0.07	3679.98	645332	DFT-s-OFDM	0.0	17.40	1	104	Front	0	0.725	22.7	
Phablet	NR Band n48	40	QPSK	G	2783M	1:1	0.01	3679.98	645332	DFT-s-OFDM	0.0	17.40	1	104	Top	0	0.243	27.5	
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 n48	40	B	2783M	1:1	-0.01	3679.98	645332	CW/SRS	13.36	Back	0	0.541	20.0	19.7				
Phablet	NR Band n48	40	B	2783M	1:1	-0.01	3679.98	645332	CW/SRS	13.36	Front	0	0.287	22.7					
Phablet	NR Band n48	40	B	2783M	1:1	-0.02	3679.98	645332	CW/SRS	13.36	Bottom	0	0.571	19.7					
Phablet	NR Band n48	40	B	2783M	1:1	-0.14	3679.98	645332	CW/SRS	13.36	Left	0	0.036	31.7					
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 n48	40	K	2783M	1:1	0.04	3624.99	641666	CW/SRS	14.40	Back	0	0.238	24.6	24.6				
Phablet	NR Band n48	40	K	2783M	1:1	0.07	3624.99	641666	CW/SRS	14.40	Front	0	0.002	45.3					
Phablet	NR Band n48	40	K	2783M	1:1	0.03	3624.99	641666	CW/SRS	14.40	Left	0	0.015	36.6					
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 n48	40	L	2783M	1:1	-0.03	3679.98	645332	CW/SRS	12.05	Back	0	0.060	28.2	28.2				
Phablet	NR Band n48	40	L	2783M	1:1	0.01	3679.98	645332	CW/SRS	12.05	Front	0	0.002	43.0					
Phablet	NR Band n48	40	L	2783M	1:1	0.04	3679.98	645332	CW/SRS	12.05	Top	0	0.009	36.4					
Phablet	NR Band n48	40	L	2783M	1:1	0.01	3679.98	645332	CW/SRS	12.05	Right	0	0.001	46.0					

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Table A-23
***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]	Power Scaling Factor	Reported 10g SAR [W/kg]	Plot #	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n77	100	QPSK	G	32867	1:1	0.05	3750.00	650000	DFT-s-OFDM	0.0	17.57	135	69	Top	0	0.292	N/A	N/A		26.8	18.1
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	B	31703	1:1	0.04	3750.00	650000	CW/SRS	12.71	Back	0	0.569	19.1	18.7							
Phablet	NR Band n77	100	B	31703	1:1	0.03	3750.00	650000	CW/SRS	12.71	Front	0	0.309	21.7								
Phablet	NR Band n77 DoD	100	B	31703	1:1	0.09	3500.01	633334	CW/SRS	11.81	Bottom	0	0.249	21.8								
Phablet	NR Band n77	100	B	31703	1:1	-0.06	3750.00	650000	CW/SRS	12.71	Bottom	0	0.620	18.7								
Phablet	NR Band n77	100	B	31703	1:1	0.07	3750.00	650000	CW/SRS	12.71	Left	0	0.051	29.6								
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	K	31703	1:1	0.02	3500.01	633334	CW/SRS	14.31	Back	0	0.482	21.4	21.4							
Phablet	NR Band n77	100	K	31703	1:1	-0.02	3930.00	662000	CW/SRS	15.30	Back	0	0.607	21.4								
Phablet	NR Band n77	100	K	31703	1:1	0.07	3930.00	662000	CW/SRS	15.30	Front	0	0.004	43.2								
Phablet	NR Band n77	100	K	31703	1:1	-0.02	3930.00	662000	CW/SRS	15.30	Left	0	0.049	32.3								
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	L	3501M	1:1	-0.08	3500.01	633334	CW/SRS	12.70	Back	0	0.100	26.6	26.6							
Phablet	NR Band n77	100	L	3501M	1:1	0.02	3750.00	650000	CW/SRS	13.71	Back	0	0.107	27.3								
Phablet	NR Band n77	100	L	3501M	1:1	-0.06	3750.00	650000	CW/SRS	13.71	Front	0	0.003	42.9								
Phablet	NR Band n77	100	L	3501M	1:1	-0.09	3750.00	650000	CW/SRS	13.71	Top	0	0.012	36.8								
Phablet	NR Band n77	100	L	3501M	1:1	0.01	3750.00	650000	CW/SRS	13.71	Right	0	0.000	57.6								

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