

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

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

Table A-1
DSI = 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]	EFS Plimit [dBm]
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0832M	1:2.76	-0.04	836.60	190	29.85	Back	0	0.911	29.8	29.8	29.8
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0832M	1:2.76	0.04	836.60	190	29.85	Front	0	0.679	31.0		
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0832M	1:2.76	0.00	836.60	190	29.85	Bottom	0	0.586	31.7		
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0832M	1:2.76	-0.01	836.60	190	29.85	Right	0	0.661	31.1		
Phablet	GPRS 850	GPRS 3 Tx Slots	A	0832M	1:2.76	0.02	836.60	190	29.85	Left	0	0.166	37.1		
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]	EFS Plimit [dBm]
Phablet	GPRS 850	GPRS 3 Tx Slots	E	0832M	1:2.76	-0.06	836.60	190	29.77	Back	0	1.410	27.8	26.5	26.5
Phablet	GPRS 850	GPRS 3 Tx Slots	E	0832M	1:2.76	0.05	836.60	190	29.77	Front	0	1.840	26.6		
Phablet	GPRS 850	GPRS 3 Tx Slots	E	0832M	1:2.76	0.02	836.60	190	29.77	Top	0	1.570	27.3		
Phablet	GPRS 850	GPRS 3 Tx Slots	E	0832M	1:2.76	0.01	836.60	190	29.77	Right	0	1.880	26.5		

Table A-2
DSI = 0 P_{Limit} Calculations – GPRS 1900 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]	EFS Plimit [dBm]
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0820M	1:2.076	-0.02	1909.80	810	21.75	Back	0	1.070	22.2	22.0	18.8
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0820M	1:2.076	0.04	1909.80	810	21.75	Front	0	0.798	23.5		
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0820M	1:2.076	0.00	1909.80	810	21.75	Bottom	0	1.110	22.0		
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0820M	1:2.076	0.03	1909.80	810	21.75	Right	0	0.078	33.6		
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	0820M	1:2.076	0.04	1909.80	810	21.75	Left	0	0.065	34.4		

Table A-3
DSI = 0 P_{Limit} Calculations – UMTS 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]	EFS Plimit [dBm]
Phablet	UMTS 850	RMC	A	0832M	1:1	0.01	846.60	4233	24.61	Back	0	1.010	28.5	28.5	28.5
Phablet	UMTS 850	RMC	A	0832M	1:1	0.04	846.60	4233	24.61	Front	0	0.741	29.8		
Phablet	UMTS 850	RMC	A	0832M	1:1	0.00	846.60	4233	24.61	Bottom	0	0.774	29.7		
Phablet	UMTS 850	RMC	A	0832M	1:1	0.06	846.60	4233	24.61	Right	0	0.540	31.2		
Phablet	UMTS 850	RMC	A	0832M	1:1	0.00	846.60	4233	24.61	Left	0	0.141	37.0		
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]	EFS Plimit [dBm]
Phablet	UMTS 850	RMC	E	0832M	1:1	0.00	846.60	4233	24.78	Back	0	1.220	27.8	27.3	27.0
Phablet	UMTS 850	RMC	E	0832M	1:1	0.00	846.60	4233	24.78	Front	0	1.260	27.7		
Phablet	UMTS 850	RMC	E	0832M	1:1	0.01	846.60	4233	24.78	Top	0	1.250	27.7		
Phablet	UMTS 850	RMC	E	0832M	1:1	0.01	846.60	4233	24.78	Right	0	1.390	27.3		

Table A-4
DSI = 0 P_{Limit} Calculations – UMTS 1750 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]	EFS Plimit [dBm]
Phablet	UMTS 1750	RMC	A	0820M	1:1	0.01	1752.60	1513	19.58	Back	0	1.720	21.2	21.2	19.0
Phablet	UMTS 1750	RMC	A	0820M	1:1	0.02	1752.60	1513	19.58	Front	0	1.440	21.9		
Phablet	UMTS 1750	RMC	A	0820M	1:1	0.00	1752.60	1513	19.58	Bottom	0	1.500	21.7		
Phablet	UMTS 1750	RMC	A	0820M	1:1	-0.03	1752.60	1513	19.58	Right	0	0.182	30.9		
Phablet	UMTS 1750	RMC	A	0820M	1:1	0.04	1752.60	1513	19.58	Left	0	0.121	32.7		

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Table A-5
DSI = 0 P_{Limit} Calculations – UMTS 1900 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]	EFS Plimit [dBm]
Phablet	UMTS 1900	RMC	A	0820M	1:1	0.01	1907.60	9538	18.24	Back	0	1.310	21.0	20.7	18.0
Phablet	UMTS 1900	RMC	A	0820M	1:1	0.00	1907.60	9538	18.24	Front	0	1.160	21.5		
Phablet	UMTS 1900	RMC	A	0820M	1:1	0.06	1907.60	9538	18.24	Bottom	0	1.410	20.7		
Phablet	UMTS 1900	RMC	A	0820M	1:1	0.03	1907.60	9538	18.24	Right	0	0.114	31.6		
Phablet	UMTS 1900	RMC	A	0820M	1:1	0.06	1907.60	9538	18.24	Left	0	0.130	31.0		

Table A-6
DSI = 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]	EFS Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	A	0827M	1:1	-0.03	707.50	23095	0.0	24.27	1	25	Back	0	0.489	31.3	27.5	27.5
Phablet	LTE Band 12	10	QPSK	A	0827M	1:1	-0.07	707.50	23095	0.0	24.27	1	25	Front	0	0.543	30.9		
Phablet	LTE Band 12	10	QPSK	A	0827M	1:1	0.17	707.50	23095	0.0	24.27	1	25	Bottom	0	0.605	30.4		
Phablet	LTE Band 12	10	QPSK	A	0827M	1:1	0.12	707.50	23095	0.0	24.27	1	25	Right	0	1.180	27.5		
Phablet	LTE Band 12	10	QPSK	A	0827M	1:1	0.10	707.50	23095	0.0	24.27	1	25	Left	0	0.077	39.3		
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]	EFS Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	E	0833M	1:1	0.02	707.50	23095	0.0	24.15	1	25	Back	0	0.950	28.3	26.0	26.0
Phablet	LTE Band 12	10	QPSK	E	0833M	1:1	-0.01	707.50	23095	0.0	24.15	1	25	Front	0	1.400	26.0		
Phablet	LTE Band 12	10	QPSK	E	0833M	1:1	-0.07	707.50	23095	0.0	24.15	1	25	Top	0	1.300	26.9		
Phablet	LTE Band 12	10	QPSK	E	0833M	1:1	0.07	707.50	23095	0.0	24.15	1	25	Right	0	1.320	26.9		

Table A-7
DSI = 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]	EFS Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	A	0827M	1:1	-0.01	782.00	23230	0.0	24.28	1	25	Back	0	0.957	28.4	27.2	27.2
Phablet	LTE Band 13	10	QPSK	A	0827M	1:1	0.04	782.00	23230	0.0	24.28	1	25	Front	0	0.921	28.6		
Phablet	LTE Band 13	10	QPSK	A	0827M	1:1	0.00	782.00	23230	0.0	24.28	1	25	Bottom	0	0.944	28.5		
Phablet	LTE Band 13	10	QPSK	A	0827M	1:1	0.02	782.00	23230	0.0	24.28	1	25	Right	0	1.360	27.2		
Phablet	LTE Band 13	10	QPSK	A	0827M	1:1	0.00	782.00	23230	0.0	24.28	1	25	Left	0	0.150	36.4		
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]	EFS Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	E	0833M	1:1	-0.01	782.00	23230	0.0	24.52	1	25	Back	0	1.290	27.3	26.9	26.4
Phablet	LTE Band 13	10	QPSK	E	0833M	1:1	0.06	782.00	23230	0.0	24.52	1	25	Front	0	1.200	27.7		
Phablet	LTE Band 13	10	QPSK	E	0833M	1:1	-0.07	782.00	23230	0.0	24.52	1	25	Top	0	1.430	26.9		
Phablet	LTE Band 13	10	QPSK	E	0833M	1:1	0.00	782.00	23230	0.0	24.52	1	25	Right	0	1.190	27.7		

Table A-8
DSI = 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]	EFS Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	A	0827M	1:1	0.03	831.50	26865	0.0	24.33	1	36	Back	0	0.716	29.7	29.1	28.2
Phablet	LTE Band 26	15	QPSK	A	0827M	1:1	0.01	831.50	26865	0.0	24.33	1	36	Front	0	0.832	29.1		
Phablet	LTE Band 26	15	QPSK	A	0827M	1:1	0.00	831.50	26865	0.0	24.33	1	36	Bottom	0	0.698	29.9		
Phablet	LTE Band 26	15	QPSK	A	0827M	1:1	0.07	831.50	26865	0.0	24.33	1	36	Right	0	0.787	29.3		
Phablet	LTE Band 26	15	QPSK	A	0827M	1:1	0.04	831.50	26865	0.0	24.33	1	36	Left	0	0.141	36.8		
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]	EFS Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	E	0833M	1:1	-0.06	831.50	26865	0.0	24.23	1	36	Back	0	1.340	26.9	26.5	26.5
Phablet	LTE Band 26	15	QPSK	E	0833M	1:1	0.10	831.50	26865	0.0	24.23	1	36	Front	0	1.450	26.5		
Phablet	LTE Band 26	15	QPSK	E	0833M	1:1	0.00	831.50	26865	0.0	24.23	1	36	Top	0	1.400	26.5		
Phablet	LTE Band 26	15	QPSK	E	0833M	1:1	0.06	831.50	26865	0.0	24.23	1	36	Right	0	1.440	26.4		

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Table A-9
DSI = 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]	EFS Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	A	0738M	1:1	0.01	1770.00	132572	0.0	19.39	1	0	Back	0	0.969	23.5	21.1	19.0
Phablet	LTE Band 66	20	QPSK	A	0738M	1:1	0.05	1770.00	132572	0.0	19.39	1	0	Front	0	1.250	22.4		
Phablet	LTE Band 66	20	QPSK	A	0738M	1:1	0.00	1770.00	132572	0.0	19.39	1	0	Bottom	0	1.660	21.1		
Phablet	LTE Band 66	20	QPSK	A	0738M	1:1	0.11	1770.00	132572	0.0	19.39	1	0	Right	0	0.160	31.3		
Phablet	LTE Band 66	20	QPSK	A	0738M	1:1	-0.14	1770.00	132572	0.0	19.39	1	0	Left	0	0.081	34.2		
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]	EFS Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	F	0827M	1:1	-0.04	1770.00	132572	0.0	20.93	1	0	Back	0	1.020	24.8	21.4	21.0
Phablet	LTE Band 66	20	QPSK	F	0827M	1:1	-0.17	1770.00	132572	0.0	20.93	1	0	Front	0	1.240	23.9		
Phablet	LTE Band 66	20	QPSK	F	0827M	1:1	0.02	1770.00	132572	0.0	20.93	1	0	Top	0	2.200	21.4		
Phablet	LTE Band 66	20	QPSK	F	0827M	1:1	-0.06	1770.00	132572	0.0	20.93	1	0	Left	0	0.419	28.6		

Table A-10
DSI = 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]	EFS Plimit [dBm]
Phablet	LTE Band 25	20	QPSK	A	0738M	1:1	0.08	1905.00	26590	0.0	18.40	50	50	Back	0	0.914	22.7	21.1	18.0
Phablet	LTE Band 25	20	QPSK	A	0738M	1:1	0.01	1905.00	26590	0.0	18.40	50	50	Front	0	1.030	22.4		
Phablet	LTE Band 25	20	QPSK	A	0738M	1:1	-0.02	1905.00	26590	0.0	18.40	50	50	Bottom	0	1.120	21.1		
Phablet	LTE Band 25	20	QPSK	A	0738M	1:1	0.03	1905.00	26590	0.0	18.40	50	50	Right	0	0.139	30.9		
Phablet	LTE Band 25	20	QPSK	A	0738M	1:1	0.00	1905.00	26590	0.0	18.40	50	50	Left	0	0.111	31.9		
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]	EFS Plimit [dBm]
Phablet	LTE Band 25	20	QPSK	F	0827M	1:1	0.11	1882.50	26365	0.0	20.16	50	50	Back	0	0.836	24.9	21.2	20.0
Phablet	LTE Band 25	20	QPSK	F	0827M	1:1	0.09	1882.50	26365	0.0	20.16	50	50	Front	0	1.000	24.1		
Phablet	LTE Band 25	20	QPSK	F	0827M	1:1	0.01	1882.50	26365	0.0	20.16	50	50	Top	0	1.940	21.2		
Phablet	LTE Band 25	20	QPSK	F	0827M	1:1	-0.05	1882.50	26365	0.0	20.16	50	50	Left	0	0.182	31.5		

Table A-11
DSI = 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]	EFS Plimit [dBm]
Phablet	LTE Band 41	20	QPSK	B	0829M	1:1.58	-0.03	2506.00	39750	0.0	21.67	1	99	Back	0	1.420	22.1	20.4	19.0
Phablet	LTE Band 41	20	QPSK	B	0829M	1:1.58	0.01	2506.00	39750	0.0	21.67	1	99	Front	0	1.608	21.5		
Phablet	LTE Band 41	20	QPSK	B	0829M	1:1.58	0.05	2506.00	39750	0.0	21.67	1	99	Bottom	0	2.110	20.4		
Phablet	LTE Band 41	20	QPSK	B	0829M	1:1.58	0.04	2506.00	39750	0.0	21.67	1	99	Right	0	1.480	21.9		
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]	EFS Plimit [dBm]
Phablet	LTE Band 41	20	QPSK	F	0829M	1:1.58	0.01	2506.00	39750	0.0	21.51	50	50	Back	0	0.538	26.1	19.4	19.0
Phablet	LTE Band 41	20	QPSK	F	0829M	1:1.58	0.00	2506.00	39750	0.0	21.51	50	50	Front	0	1.180	22.7		
Phablet	LTE Band 41	20	QPSK	F	0829M	1:1.58	-0.03	2506.00	39750	0.0	21.51	50	50	Top	0	2.550	19.4		
Phablet	LTE Band 41	20	QPSK	F	0829M	1:1.58	0.00	2506.00	39750	0.0	21.51	50	50	Left	0	0.182	30.9		

Table A-12
DSI = 0 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]	EFS Plimit [dBm]
Phablet	NR Band n5	20	QPSK	A	0833M	1:1	0.02	836.50	167300	DFT-s-OFDM	0.0	23.93	1	53	Back	0	1.190	27.1	25.9	25.9
Phablet	NR Band n5	20	QPSK	A	0833M	1:1	-0.13	836.50	167300	DFT-s-OFDM	0.0	23.93	1	53	Front	0	0.761	28.0		
Phablet	NR Band n5	20	QPSK	A	0833M	1:1	0.04	836.50	167300	DFT-s-OFDM	0.0	23.93	1	53	Bottom	0	1.930	27.7		
Phablet	NR Band n5	20	QPSK	A	0833M	1:1	-0.20	836.50	167300	DFT-s-OFDM	0.0	23.93	1	53	Right	0	1.570	25.9		
Phablet	NR Band n5	20	QPSK	A	0833M	1:1	0.06	836.50	167300	DFT-s-OFDM	0.0	23.93	1	53	Left	0	0.081	38.8		
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]	EFS Plimit [dBm]
Phablet	NR Band n5	20	QPSK	E	0833M	1:1	0.03	836.50	167300	DFT-s-OFDM	0.0	24.01	1	104	Back	0	1.210	27.1	26.7	26.5
Phablet	NR Band n5	20	QPSK	E	0833M	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	24.01	1	104	Front	0	1.930	26.7		
Phablet	NR Band n5	20	QPSK	E	0833M	1:1	-0.01	836.50	167300	DFT-s-OFDM	0.0	24.01	1	104	Top	0	1.210	27.1		
Phablet	NR Band n5	20	QPSK	E	0833M	1:1	0.04	836.50	167300	DFT-s-OFDM	0.0	24.01	1	104	Right	0	1.100	27.5		

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Table A-13
DSI = 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]	EFS Plimit [dBm]
Phablet	NR Band n66	45	QPSK	A	0744M	1:1	0.02	1745.00	349000	CP-OFDM	0.0	19.19	1	1	Back	0	1.390	21.7	20.4	19.0
Phablet	NR Band n66	45	QPSK	A	0744M	1:1	-0.05	1745.00	349000	CP-OFDM	0.0	19.19	1	1	Front	0	1.110	22.7		
Phablet	NR Band n66	45	QPSK	A	0744M	1:1	-0.01	1745.00	349000	CP-OFDM	0.0	19.19	1	1	Bottom	0	1.890	20.4		
Phablet	NR Band n66	45	QPSK	A	0744M	1:1	-0.12	1745.00	349000	CP-OFDM	0.0	19.19	1	1	Right	0	0.122	32.3		
Phablet	NR Band n66	45	QPSK	A	0074M	1:1	-0.06	1745.00	349000	CP-OFDM	0.0	19.19	1	1	Left	0	0.095	33.3		
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]	EFS Plimit [dBm]
Phablet	NR Band n66	45	QPSK	F	0824M	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	20.83	1	1	Back	0	0.577	27.1	21.3	21.0
Phablet	NR Band n66	45	QPSK	F	0824M	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	20.83	1	1	Front	0	1.260	23.8		
Phablet	NR Band n66	45	QPSK	F	0824M	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	20.83	1	1	Top	0	2.210	21.3		
Phablet	NR Band n66	45	QPSK	F	0824M	1:1	-0.05	1745.00	349000	DFT-s-OFDM	0.0	20.83	1	1	Left	0	0.332	29.5		

Table A-14
DSI = 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]	EFS Plimit [dBm]
Phablet	NR Band n25	40	QPSK	A	0744M	1:1	-0.04	1882.50	376500	CP-OFDM	0.0	18.28	1	1	Back	0	1.080	21.9	20.7	18.0
Phablet	NR Band n25	40	QPSK	A	0744M	1:1	0.00	1882.50	376500	CP-OFDM	0.0	18.28	1	1	Front	0	0.995	22.2		
Phablet	NR Band n25	40	QPSK	A	0744M	1:1	0.03	1882.50	376500	CP-OFDM	0.0	18.28	1	1	Bottom	0	1.430	20.7		
Phablet	NR Band n25	40	QPSK	A	0744M	1:1	-0.02	1882.50	376500	CP-OFDM	0.0	18.28	1	1	Right	0	0.109	31.8		
Phablet	NR Band n25	40	QPSK	A	0074M	1:1	0.07	1882.50	376500	CP-OFDM	0.0	18.28	1	1	Left	0	0.101	32.2		
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]	EFS Plimit [dBm]
Phablet	NR Band n25	40	QPSK	F	0824M	1:1	-0.05	1882.50	376500	DFT-s-OFDM	0.0	19.85	1	214	Back	0	0.635	25.9	21.4	20.0
Phablet	NR Band n25	40	QPSK	F	0824M	1:1	-0.06	1882.50	376500	DFT-s-OFDM	0.0	19.85	1	214	Front	0	0.960	24.0		
Phablet	NR Band n25	40	QPSK	F	0824M	1:1	0.02	1882.50	376500	DFT-s-OFDM	0.0	19.85	1	214	Top	0	1.720	21.4		
Phablet	NR Band n25	40	QPSK	F	0824M	1:1	-0.01	1882.50	376500	DFT-s-OFDM	0.0	19.85	1	214	Left	0	0.141	32.3		

Table A-15
DSI = 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]	EFS Plimit [dBm]
Phablet	NR Band n41	100	QPSK	F	1	0832M	1:1	0.04	2592.99	518598	DFT-s-OFDM	0.0	19.50	1	137	Back	0	0.619	25.5	19.3	18.5
Phablet	NR Band n41	100	QPSK	F	1	0832M	1:1	-0.07	2592.99	518598	DFT-s-OFDM	0.0	19.50	1	137	Front	0	1.220	22.6		
Phablet	NR Band n41	100	QPSK	F	1	0832M	1:1	-0.09	2592.99	518598	DFT-s-OFDM	0.0	19.50	1	137	Top	0	2.600	19.3		
Phablet	NR Band n41	100	QPSK	F	1	0832M	1:1	-0.05	2592.99	518598	DFT-s-OFDM	0.0	19.50	1	137	Left	0	0.188	30.7		
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]	EFS Plimit [dBm]
Phablet	NR Band n41	100	QPSK	B	2	0829M	1:1	0.02	2592.99	518598	DFT-s-OFDM	0.0	20.95	1	137	Back	0	2.730	20.5	20.5	20.0
Phablet	NR Band n41	100	QPSK	B	2	0829M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	20.95	1	137	Front	0	1.320	23.7		
Phablet	NR Band n41	100	QPSK	B	2	0829M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	20.95	1	137	Bottom	0	2.400	21.1		
Phablet	NR Band n41	100	QPSK	B	2	0829M	1:1	-0.02	2592.99	518598	DFT-s-OFDM	0.0	20.95	1	137	Right	0	2.050	21.8		
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]	EFS Plimit [dBm]				
Phablet	NR Band n41	100	D	2	0832M	1:1	0.05	2592.99	518598	CW/SRS	18.38	Back	0	0.583	24.7	24.7	18.0				
Phablet	NR Band n41	100	D	2	0832M	1:1	0.04	2592.99	518598	CW/SRS	18.38	Front	0	0.103	32.2						
Phablet	NR Band n41	100	D	2	0832M	1:1	0.01	2592.99	518598	CW/SRS	18.38	Bottom	0	0.351	26.9						
Phablet	NR Band n41	100	D	2	0832M	1:1	0.05	2592.99	518598	CW/SRS	18.38	Left	0	0.051	35.2						
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]	EFS Plimit [dBm]				
Phablet	NR Band n41	100	E	2	0829M	1:1	0.03	2592.99	518598	CW/SRS	16.33	Back	0	0.325	25.1	20.9	16.0				
Phablet	NR Band n41	100	E	2	0829M	1:1	0.11	2592.99	518598	CW/SRS	16.33	Front	0	0.571	22.7						
Phablet	NR Band n41	100	E	2	0829M	1:1	-0.14	2592.99	518598	CW/SRS	16.33	Top	0	0.333	25.0						
Phablet	NR Band n41	100	E	2	0829M	1:1	-0.08	2592.99	518598	CW/SRS	16.33	Right	0	0.859	20.9						

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Table A-16
DSI = 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]	EFS Plimit [dBm]
Phablet	NR Band n77	100	QPSK	F	0820M	1:1	0.08	3930.00	662000	CP-OFDM	0.0	19.27	1	1	Back	0	0.915	23.6	20.7	18.5
Phablet	NR Band n77	100	QPSK	F	0820M	1:1	0.01	3930.00	662000	CP-OFDM	0.0	19.27	1	1	Front	0	0.850	23.9		
Phablet	NR Band n77 DoD	100	QPSK	F	0820M	1:1	-0.02	3500.01	633334	DFT-s-OFDM	0.0	19.31	1	271	Top	0	1.790	20.7		
Phablet	NR Band n77	100	QPSK	F	0820M	1:1	-0.08	3930.00	662000	CP-OFDM	0.0	19.27	1	1	Top	0	1.440	21.6		
Phablet	NR Band n77	100	QPSK	F	0820M	1:1	0.09	3930.00	662000	CP-OFDM	0.0	19.27	1	1	Left	0	0.215	29.9		
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]	EFS Plimit [dBm]				
Phablet	NR Band n77	100	C	0820M	1:1	0.02	3930.00	662000	CW/SRS	13.69	Back	0	0.348	22.2	17.9	14.0				
Phablet	NR Band n77	100	C	0820M	1:1	0.00	3930.00	662000	CW/SRS	13.69	Front	0	0.266	23.4						
Phablet	NR Band n77	100	C	0820M	1:1	0.02	3930.00	662000	CW/SRS	13.69	Bottom	0	0.080	28.6						
Phablet	NR Band n77 DoD	100	C	0820M	1:1	0.00	3500.01	633334	CW/SRS	14.45	Right	0	0.801	19.3						
Phablet	NR Band n77	100	C	0820M	1:1	-0.05	3930.00	662000	CW/SRS	13.69	Right	0	0.941	17.9						
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]	EFS Plimit [dBm]				
Phablet	NR Band n77	100	I	0820M	1:1	0.02	3930.00	662000	CW/SRS	19.34	Back	0	0.431	26.9	23.8	18.5				
Phablet	NR Band n77 DoD	100	I	0820M	1:1	-0.11	3500.01	633334	CW/SRS	18.49	Front	0	0.730	23.8						
Phablet	NR Band n77	100	I	0820M	1:1	0.01	3930.00	662000	CW/SRS	19.34	Front	0	0.764	24.4						
Phablet	NR Band n77	100	I	0820M	1:1	0.05	3930.00	662000	CW/SRS	19.34	Left	0	0.203	30.2						
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]	EFS Plimit [dBm]				
Phablet	NR Band n77 DoD	100	D	0820M	1:1	-0.01	3500.01	633334	CW/SRS	14.76	Back	0	0.435	22.3	22.3	14.0				
Phablet	NR Band n77	100	D	0820M	1:1	-0.02	3750.00	650000	CW/SRS	14.34	Back	0	0.313	23.3						
Phablet	NR Band n77	100	D	0820M	1:1	0.03	3750.00	650000	CW/SRS	14.34	Front	0	0.015	36.5						
Phablet	NR Band n77	100	D	0820M	1:1	-0.01	3750.00	650000	CW/SRS	14.34	Bottom	0	0.041	32.1						
Phablet	NR Band n77	100	D	0820M	1:1	0.01	3750.00	650000	CW/SRS	14.34	Left	0	0.002	45.3						

Table A-17
DSI = 0 P_{Max} Calculations – Bluetooth MIMO Phablet SAR

Exposure	Band / Mode	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]	Duty Cycle Scaling Factor	Plimit [dBm]	Overall Plimit [dBm]	EFS Plimit [dBm]
Phablet	2.4 GHz Bluetooth	FHSS	MIMO	0742M	77.07	-0.07	2441.00	39	1	13.70	12.72	Back	0	0.282	N/A	21.0	19.0	17.9
Phablet	2.4 GHz Bluetooth	FHSS	MIMO	0742M	77.07	0.00	2441.00	39	1	13.70	12.72	Front	0	0.257	N/A	21.4		
Phablet	2.4 GHz Bluetooth	FHSS	MIMO	0742M	77.07	-0.18	2441.00	39	1	13.70	12.72	Top	0	0.146	N/A	23.9		
Phablet	2.4 GHz Bluetooth	FHSS	MIMO	0742M	77.07	0.09	2441.00	39	1	13.70	12.72	Right	0	0.028	N/A	31.0		
Phablet	2.4 GHz Bluetooth	FHSS	MIMO	0742M	77.07	0.00	2441.00	39	1	13.70	12.72	Left	0	0.450	N/A	19.0		

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