

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

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation. For 2.4 GHz WLAN and Bluetooth, please refer to the part 0 test data in Appendix K.

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]	DFS Plimit [dBm]
Phablet	GPRS 850	GPRS 3 Tx Slots	A	2654R	1:2.76	-0.04	848.80	251	29.46	Back	0	1.070	28.7	28.7	26.3
Phablet	GPRS 850	GPRS 3 Tx Slots	A	2654R	1:2.76	0.07	848.80	251	29.46	Front	0	0.901	29.4		
Phablet	GPRS 850	GPRS 3 Tx Slots	A	2654R	1:2.76	-0.02	848.80	251	29.46	Bottom	0	0.886	29.5		
Phablet	GPRS 850	GPRS 3 Tx Slots	A	2654R	1:2.76	0.01	848.80	251	29.46	Right	0	0.919	29.3		
Phablet	GPRS 850	GPRS 3 Tx Slots	A	2654R	1:2.76	-0.03	848.80	251	29.46	Left	0	0.104	38.8		
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]	DFS Plimit [dBm]
Phablet	GPRS 850	GPRS 4 Tx Slots	E	2654R	1:2.076	-0.06	824.20	128	23.95	Back	0	0.421	28.5	27.6	20.8
Phablet	GPRS 850	GPRS 4 Tx Slots	E	2654R	1:2.076	0.01	824.20	128	23.95	Front	0	0.499	27.7		
Phablet	GPRS 850	GPRS 4 Tx Slots	E	2654R	1:2.076	-0.07	824.20	128	23.95	Top	0	0.514	27.6		
Phablet	GPRS 850	GPRS 4 Tx Slots	E	2654R	1:2.076	0.07	824.20	128	23.95	Right	0	0.436	28.3		
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]	DFS Plimit [dBm]
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	2666R	1:2.076	0.01	1880.00	661	20.42	Back	0	1.040	21.0	21.0	17.8
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	2666R	1:2.076	0.01	1880.00	661	20.42	Front	0	0.798	22.1		
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	2666R	1:2.076	0.07	1880.00	661	20.42	Bottom	0	0.590	23.5		
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	2666R	1:2.076	-0.07	1880.00	661	20.42	Right	0	0.198	28.2		
Phablet	GPRS 1900	GPRS 4 Tx Slots	A	2666R	1:2.076	-0.03	1880.00	661	20.42	Left	0	0.139	29.7		

Table A-2
DSI = 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]	DFS Plimit [dBm]
Phablet	UMTS 850	RMC	A	2654R	1:1	-0.01	846.60	4233	23.88	Back	0	0.905	28.2	26.0	25.5
Phablet	UMTS 850	RMC	A	2654R	1:1	-0.03	846.60	4233	23.88	Front	0	0.841	28.6		
Phablet	UMTS 850	RMC	A	2654R	1:1	-0.03	846.60	4233	23.88	Bottom	0	0.843	28.6		
Phablet	UMTS 850	RMC	A	2654R	1:1	-0.02	846.60	4233	23.88	Right	0	1.520	26.0		
Phablet	UMTS 850	RMC	A	2654R	1:1	-0.02	846.60	4233	23.88	Left	0	0.122	36.9		
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]	DFS Plimit [dBm]
Phablet	UMTS 850	RMC	E	2654R	1:1	-0.15	846.60	4233	21.59	Back	0	0.590	27.8	27.8	21.0
Phablet	UMTS 850	RMC	E	2654R	1:1	-0.02	846.60	4233	21.59	Front	0	0.525	28.3		
Phablet	UMTS 850	RMC	E	2654R	1:1	-0.01	846.60	4233	21.59	Top	0	0.543	28.2		
Phablet	UMTS 850	RMC	E	2654R	1:1	-0.07	846.60	4233	21.59	Right	0	0.485	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]	DFS Plimit [dBm]
Phablet	UMTS 1750	RMC	A	0285M	1:1	-0.01	1712.40	1312	16.12	Back	0	0.799	21.0	21.0	16.0
Phablet	UMTS 1750	RMC	A	0285M	1:1	-0.05	1712.40	1312	16.12	Front	0	0.773	21.2		
Phablet	UMTS 1750	RMC	A	0285M	1:1	-0.01	1712.40	1312	16.12	Bottom	0	0.721	21.5		
Phablet	UMTS 1750	RMC	A	0285M	1:1	0.01	1712.40	1312	16.12	Right	0	0.119	29.3		
Phablet	UMTS 1750	RMC	A	0285M	1:1	-0.02	1712.40	1312	16.12	Left	0	0.082	30.9		
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]	DFS Plimit [dBm]
Phablet	UMTS 1900	RMC	A	0285M	1:1	-0.04	1880.00	9400	17.28	Back	0	0.842	22.0	20.9	17.0
Phablet	UMTS 1900	RMC	A	0285M	1:1	-0.04	1880.00	9400	17.28	Front	0	0.857	21.9		
Phablet	UMTS 1900	RMC	A	0285M	1:1	-0.14	1880.00	9400	17.28	Bottom	0	1.070	20.9		
Phablet	UMTS 1900	RMC	A	0285M	1:1	0.02	1880.00	9400	17.28	Right	0	0.144	29.6		
Phablet	UMTS 1900	RMC	A	0285M	1:1	-0.03	1880.00	9400	17.28	Left	0	0.117	30.5		

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Table A-3
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]	DFS Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	A	2666R	1:1	0.05	707.50	23095	0.0	23.95	1	0	Back	0	0.505	30.8	27.9	25.9
Phablet	LTE Band 12	10	QPSK	A	2666R	1:1	0.08	707.50	23095	0.0	23.95	1	0	Front	0	0.745	29.2		
Phablet	LTE Band 12	10	QPSK	A	2666R	1:1	0.01	707.50	23095	0.0	23.95	1	0	Bottom	0	0.586	30.2		
Phablet	LTE Band 12	10	QPSK	A	2666R	1:1	0.19	707.50	23095	0.0	23.95	1	0	Right	0	0.988	27.9		
Phablet	LTE Band 12	10	QPSK	A	2666R	1:1	-0.17	707.50	23095	0.0	23.95	1	0	Left	0	0.123	37.0		
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]	DFS Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	E	2666R	1:1	0.00	707.50	23095	0.0	22.07	1	49	Back	0	0.566	28.5	27.2	22.0
Phablet	LTE Band 12	10	QPSK	E	2666R	1:1	0.00	707.50	23095	0.0	22.07	1	49	Front	0	0.590	28.3		
Phablet	LTE Band 12	10	QPSK	E	2666R	1:1	-0.02	707.50	23095	0.0	22.07	1	49	Top	0	0.764	27.2		
Phablet	LTE Band 12	10	QPSK	E	2666R	1:1	-0.03	707.50	23095	0.0	22.07	1	49	Right	0	0.509	28.9		

Table A-4
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]	DFS Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	A	2666R	1:1	0.00	782.00	23230	0.0	23.90	1	0	Back	0	0.498	30.9	28.5	25.1
Phablet	LTE Band 13	10	QPSK	A	2666R	1:1	-0.01	782.00	23230	0.0	23.90	1	0	Front	0	0.855	28.5		
Phablet	LTE Band 13	10	QPSK	A	2666R	1:1	0.01	782.00	23230	0.0	23.90	1	0	Bottom	0	0.687	29.5		
Phablet	LTE Band 13	10	QPSK	A	2666R	1:1	0.03	782.00	23230	0.0	23.90	1	0	Right	0	0.646	29.7		
Phablet	LTE Band 13	10	QPSK	A	2666R	1:1	0.07	782.00	23230	0.0	23.90	1	0	Left	0	0.126	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]	DFS Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	E	2666R	1:1	0.01	782.00	23230	0.0	20.57	1	0	Back	0	0.446	28.0	27.3	21.0
Phablet	LTE Band 13	10	QPSK	E	2666R	1:1	-0.01	782.00	23230	0.0	20.57	1	0	Front	0	0.385	28.6		
Phablet	LTE Band 13	10	QPSK	E	2666R	1:1	-0.04	782.00	23230	0.0	20.57	1	0	Top	0	0.527	27.3		
Phablet	LTE Band 13	10	QPSK	E	2666R	1:1	0.02	782.00	23230	0.0	20.57	1	0	Right	0	0.340	29.2		

Table A-5
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]	DFS Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	A	2666R	1:1	-0.02	831.50	26865	0.0	24.18	1	36	Back	0	0.519	31.0	27.1	25.7
Phablet	LTE Band 26	15	QPSK	A	2666R	1:1	0.00	831.50	26865	0.0	24.18	1	36	Front	0	0.935	28.4		
Phablet	LTE Band 26	15	QPSK	A	2666R	1:1	-0.06	831.50	26865	0.0	24.18	1	36	Bottom	0	0.775	29.2		
Phablet	LTE Band 26	15	QPSK	A	2666R	1:1	0.04	831.50	26865	0.0	24.18	1	36	Right	0	1.250	27.1		
Phablet	LTE Band 26	15	QPSK	A	2666R	1:1	0.00	831.50	26865	0.0	24.18	1	36	Left	0	0.100	38.1		
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]	DFS Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	E	2666R	1:1	0.05	831.50	26865	0.0	20.96	1	36	Back	0	0.601	27.1	27.1	21.0
Phablet	LTE Band 26	15	QPSK	E	2666R	1:1	-0.04	831.50	26865	0.0	20.96	1	36	Front	0	0.552	27.5		
Phablet	LTE Band 26	15	QPSK	E	2666R	1:1	-0.01	831.50	26865	0.0	20.96	1	36	Top	0	0.605	27.1		
Phablet	LTE Band 26	15	QPSK	E	2666R	1:1	-0.01	831.50	26865	0.0	20.96	1	36	Right	0	0.485	28.0		

Table A-6
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]	DFS Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	A	0330M	1:1	0.00	1745.00	132322	0.0	17.28	1	50	Back	0	0.753	22.4	21.1	17.0
Phablet	LTE Band 66	20	QPSK	A	0330M	1:1	0.02	1745.00	132322	0.0	17.28	1	50	Front	0	0.908	21.6		
Phablet	LTE Band 66	20	QPSK	A	0292M	1:1	0.11	1745.00	132322	0.0	17.28	1	50	Bottom	0	1.030	21.1		
Phablet	LTE Band 66	20	QPSK	A	0292M	1:1	0.06	1745.00	132322	0.0	17.28	1	50	Right	0	0.118	30.5		
Phablet	LTE Band 66	20	QPSK	A	0292M	1:1	0.08	1745.00	132322	0.0	17.28	1	50	Left	0	0.073	32.6		
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]	DFS Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	F	0330M	1:1	0.00	1745.00	132322	0.0	19.36	1	50	Back	0	0.683	24.9	21.3	20.0
Phablet	LTE Band 66	20	QPSK	F	0330M	1:1	-0.03	1745.00	132322	0.0	19.36	1	50	Front	0	0.741	24.6		
Phablet	LTE Band 66	20	QPSK	F	0330M	1:1	-0.01	1745.00	132322	0.0	19.36	1	50	Top	0	1.570	21.3		
Phablet	LTE Band 66	20	QPSK	F	0330M	1:1	0.03	1745.00	132322	0.0	19.36	1	50	Left	0	0.135	32.0		

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Table A-7
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	0330M	1:1	0.00	1905.00	26590	0.0	17.04	50	50	Back	0	0.645	22.9	20.8	17.0
Phablet	LTE Band 25	20	QPSK	A	0330M	1:1	-0.01	1905.00	26590	0.0	17.04	50	50	Front	0	0.779	22.1		
Phablet	LTE Band 25	20	QPSK	A	0292M	1:1	0.14	1905.00	26590	0.0	17.04	50	50	Bottom	0	1.050	20.8		
Phablet	LTE Band 25	20	QPSK	A	0292M	1:1	0.05	1905.00	26590	0.0	17.04	50	50	Right	0	0.107	30.7		
Phablet	LTE Band 25	20	QPSK	A	0292M	1:1	0.03	1905.00	26590	0.0	17.04	50	50	Left	0	0.087	31.6		
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]	EFS Plimit [dBm]
Phablet	LTE Band 25	20	QPSK	F	0330M	1:1	0.01	1905.00	26590	0.0	19.78	1	0	Back	0	0.525	26.5	20.8	20.0
Phablet	LTE Band 25	20	QPSK	F	0330M	1:1	0.02	1905.00	26590	0.0	19.78	1	0	Front	0	0.714	25.2		
Phablet	LTE Band 25	20	QPSK	F	0330M	1:1	0.01	1905.00	26590	0.0	19.78	1	0	Top	0	1.970	20.8		
Phablet	LTE Band 25	20	QPSK	F	0330M	1:1	-0.10	1905.00	26590	0.0	19.78	1	0	Left	0	0.277	29.3		

Table A-8
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	0291M	1:1.58	-0.03	2636.50	41055	0.0	18.88	50	50	Back	0	0.744	22.1	20.5	17.0
Phablet	LTE Band 41	20	QPSK	B	0291M	1:1.58	0.00	2636.50	41055	0.0	18.88	50	50	Front	0	0.822	21.7		
Phablet	LTE Band 41	20	QPSK	B	0291M	1:1.58	-0.02	2636.50	41055	0.0	18.88	50	50	Bottom	0	1.070	20.5		
Phablet	LTE Band 41	20	QPSK	B	0291M	1:1.58	0.04	2636.50	41055	0.0	18.88	50	50	Right	0	0.486	24.0		
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]	EFS Plimit [dBm]
Phablet	LTE Band 41	20	QPSK	F	0291M	1:1.58	0.00	2636.50	41055	0.0	21.16	50	25	Back	0	1.130	22.6	19.8	18.5
Phablet	LTE Band 41	20	QPSK	F	0291M	1:1.58	0.01	2636.50	41055	0.0	21.16	50	25	Front	0	0.990	23.1		
Phablet	LTE Band 41	20	QPSK	F	0291M	1:1.58	0.02	2636.50	41055	0.0	21.16	50	25	Top	0	2.120	19.8		
Phablet	LTE Band 41	20	QPSK	F	0291M	1:1.58	-0.01	2636.50	41055	0.0	21.16	50	25	Left	0	0.231	29.5		

Table A-9
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	2659R	1:1	-0.07	836.50	167300	DFT-s-OFDM	0.0	24.21	50	28	Back	0	1.030	28.0	27.6	26.1
Phablet	NR Band n5	20	QPSK	A	2659R	1:1	-0.05	836.50	167300	DFT-s-OFDM	0.0	24.21	50	28	Front	0	0.978	28.2		
Phablet	NR Band n5	20	QPSK	A	2659R	1:1	-0.04	836.50	167300	DFT-s-OFDM	0.0	24.21	50	28	Bottom	0	0.443	31.7		
Phablet	NR Band n5	20	QPSK	A	2659R	1:1	-0.18	836.50	167300	DFT-s-OFDM	0.0	24.21	50	28	Right	0	1.180	27.6		
Phablet	NR Band n5	20	QPSK	A	2659R	1:1	-0.12	836.50	167300	DFT-s-OFDM	0.0	24.21	50	28	Left	0	0.099	38.2		
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 n5	20	QPSK	E	0292M	1:1	-0.07	836.50	167300	DFT-s-OFDM	0.0	21.05	1	53	Back	0	0.991	27.3	27.1	21.0
Phablet	NR Band n5	20	QPSK	E	0292M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	21.05	1	53	Front	0	0.586	27.5		
Phablet	NR Band n5	20	QPSK	E	0292M	1:1	-0.02	836.50	167300	DFT-s-OFDM	0.0	21.05	1	53	Top	0	0.619	27.1		
Phablet	NR Band n5	20	QPSK	E	0292M	1:1	0.04	836.50	167300	DFT-s-OFDM	0.0	21.05	1	53	Right	0	0.495	28.0		

Table A-10
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	40	QPSK	A	0330M	1:1	-0.11	1745.00	349000	CP-OFDM	0.0	17.50	1	1	Back	0	0.903	21.9	21.6	17.0
Phablet	NR Band n66	40	QPSK	A	0330M	1:1	-0.01	1745.00	349000	CP-OFDM	0.0	17.50	1	1	Front	0	0.918	21.8		
Phablet	NR Band n66	40	QPSK	A	0330M	1:1	0.03	1745.00	349000	CP-OFDM	0.0	17.50	1	1	Bottom	0	0.971	21.6		
Phablet	NR Band n66	40	QPSK	A	0330M	1:1	0.00	1745.00	349000	CP-OFDM	0.0	17.50	1	1	Right	0	0.103	31.3		
Phablet	NR Band n66	40	QPSK	A	0330M	1:1	0.18	1745.00	349000	CP-OFDM	0.0	17.50	1	1	Left	0	0.066	33.2		
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 n66	40	QPSK	F	0330M	1:1	0.07	1745.00	349000	DFT-s-OFDM	0.0	20.04	108	54	Back	0	0.846	24.7	21.7	20.0
Phablet	NR Band n66	40	QPSK	F	0330M	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	20.04	108	54	Front	0	0.836	24.9		
Phablet	NR Band n66	40	QPSK	F	0330M	1:1	0.02	1745.00	349000	DFT-s-OFDM	0.0	20.04	108	54	Top	0	1.670	21.7		
Phablet	NR Band n66	40	QPSK	F	0330M	1:1	0.00	1745.00	349000	DFT-s-OFDM	0.0	20.04	108	54	Left	0	0.115	33.4		

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Table A-11
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]	EFSPlimit [dBm]
Phablet	NR Band n25	40	QPSK	A	0330M	1:1	-0.06	1882.50	376500	CP-OFDM	0.0	17.62	1	1	Back	0	0.995	21.6	21.3	17.0
Phablet	NR Band n25	40	QPSK	A	0330M	1:1	-0.03	1882.50	376500	CP-OFDM	0.0	17.62	1	1	Front	0	0.821	22.4		
Phablet	NR Band n25	40	QPSK	A	0330M	1:1	-0.08	1882.50	376500	CP-OFDM	0.0	17.62	1	1	Bottom	0	1.090	21.3		
Phablet	NR Band n25	40	QPSK	A	0330M	1:1	0.03	1882.50	376500	CP-OFDM	0.0	17.62	1	1	Right	0	0.122	30.7		
Phablet	NR Band n25	40	QPSK	A	0330M	1:1	0.09	1882.50	376500	CP-OFDM	0.0	17.62	1	1	Left	0	0.092	31.9	21.1	20.0
Phablet	NR Band n25	40	QPSK	F	0330M	1:1	-0.10	1882.50	376500	DFT-s-OFDM	0.0	20.20	1	1	Back	0	0.840	24.9		
Phablet	NR Band n25	40	QPSK	F	0330M	1:1	0.00	1882.50	376500	DFT-s-OFDM	0.0	20.20	1	1	Front	0	0.841	24.9		
Phablet	NR Band n25	40	QPSK	F	0330M	1:1	-0.06	1882.50	376500	DFT-s-OFDM	0.0	20.20	1	1	Top	0	2.020	21.1		
Phablet	NR Band n25	40	QPSK	F	0330M	1:1	0.02	1882.50	376500	DFT-s-OFDM	0.0	20.20	1	1	Left	0	0.309	29.2		

Table A-12
DSI = 0 P_{Limit} Calculations – NR Band n41 Ant F 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	0284M	1:1	0.04	2592.99	518598	CP-OFDM	0.0	19.29	1	1	Back	0	1.020	23.1	19.5	18.5
Phablet	NR Band n41	100	QPSK	F	1	0284M	1:1	-0.01	2592.99	518598	CP-OFDM	0.0	19.29	1	1	Front	0	1.010	23.2		
Phablet	NR Band n41	100	QPSK	F	1	0284M	1:1	0.02	2592.99	518598	CP-OFDM	0.0	19.29	1	1	Top	0	2.360	19.5		
Phablet	NR Band n41	100	QPSK	F	1	0284M	1:1	0.05	2592.99	518598	CP-OFDM	0.0	19.29	1	1	Left	0	0.123	32.3		
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]	EFS Plimit [dBm]				
Phablet	NR Band n41	100	F	2	0284M	1:1	0.06	2592.99	518598	CW/SRS	18.52	Top	0	2.410	18.6	18.6	18.5				

Table A-13
DSI = 0 P_{Limit} Calculations – NR Band n41 Ant B 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	B	2	0284M	1:1	0.04	2592.99	518598	CP-OFDM	0.0	17.07	1	1	Back	0	1.280	19.9	19.7	17.0
Phablet	NR Band n41	100	QPSK	B	2	0284M	1:1	-0.01	2592.99	518598	CP-OFDM	0.0	17.07	1	1	Front	0	0.699	22.6		
Phablet	NR Band n41	100	QPSK	B	2	0284M	1:1	0.07	2592.99	518598	CP-OFDM	0.0	17.07	1	1	Bottom	0	1.340	19.7		
Phablet	NR Band n41	100	QPSK	B	2	0284M	1:1	-0.02	2592.99	518598	CP-OFDM	0.0	17.07	1	1	Right	0	0.475	24.2		
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	B	1	0284M	1:1	0.04	2592.99	518598	CW/SRS	16.09	Bottom	0	1.000	20.0	20.0	17.0				

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

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]	EFSPlimit [dBm]
Phablet	NR Band n41	100	E	1	0284M	1:1	-0.03	2592.99	518598	CW/SRS	16.10	Back	0	0.097	30.2	23.1	15.5
Phablet	NR Band n41	100	E	1	0284M	1:1	0.02	2592.99	518598	CW/SRS	16.10	Front	0	0.263	25.8		
Phablet	NR Band n41	100	E	1	0284M	1:1	-0.05	2592.99	518598	CW/SRS	16.10	Top	0	0.181	27.5		
Phablet	NR Band n41	100	E	1	0284M	1:1	0.09	2592.99	518598	CW/SRS	16.10	Right	0	0.491	23.1		
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]	EFSPlimit [dBm]
Phablet	NR Band n41	100	E	2	0284M	1:1	-0.11	2592.99	518598	CW/SRS	15.72	Right	0	0.673	21.4	21.4	15.5

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Table A-15
DSI = 0 P_{Limit} Calculations – NR Band n41 Ant D Phablet SAR

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	1	0284M	1:1	-0.01	2592.99	518598	CW/SRS	14.58	Back	0	0.404	22.4	22.4	15.5
Phablet	NR Band n41	100	D	1	0284M	1:1	-0.16	2592.99	518598	CW/SRS	14.58	Front	0	0.006	40.7		
Phablet	NR Band n41	100	D	1	0284M	1:1	-0.04	2592.99	518598	CW/SRS	14.58	Bottom	0	0.036	32.9		
Phablet	NR Band n41	100	D	1	0284M	1:1	0.05	2592.99	518598	CW/SRS	14.58	Left	0	0.000	58.5		
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	0284M	1:1	-0.03	2592.99	518598	CW/SRS	14.85	Back	0	0.501	21.8	21.8	15.5
Phablet	NR Band n41	100	D	2	0284M	1:1	0.01	2592.99	518598	CW/SRS	14.85	Front	0	0.007	40.3		
Phablet	NR Band n41	100	D	2	0284M	1:1	-0.12	2592.99	518598	CW/SRS	14.85	Bottom	0	0.046	32.2		
Phablet	NR Band n41	100	D	2	0284M	1:1	0.08	2592.99	518598	CW/SRS	14.85	Left	0	0.004	42.8		

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	0285M	1:1	-0.08	3930.00	662000	CP-OFDM	0.0	17.26	1	1	Back	0	0.916	21.6	19.2	16.5
Phablet	NR Band n77	100	QPSK	F	0285M	1:1	0.03	3930.00	662000	CP-OFDM	0.0	17.26	1	1	Front	0	0.457	24.6		
Phablet	NR Band n77 DoD	100	QPSK	F	0285M	1:1	0.00	3500.01	633334	DFT-s-OFDM	0.0	17.24	1	271	Top	0	1.570	19.2		
Phablet	NR Band n77	100	QPSK	F	0285M	1:1	-0.11	3930.00	662000	CP-OFDM	0.0	17.26	1	1	Top	0	1.330	20.0		
Phablet	NR Band n77	100	QPSK	F	0285M	1:1	-0.01	3930.00	662000	CP-OFDM	0.0	17.26	1	1	Left	0	0.147	29.5		
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]	EFS Plimit [dBm]				
Phablet	NR Band n77	100	C	0285M	1:1	0.06	3750.00	650000	CW/SRS	11.04	Back	0	0.064	26.9	17.3	11.5				
Phablet	NR Band n77	100	C	0285M	1:1	-0.05	3750.00	650000	CW/SRS	11.04	Front	0	0.241	21.1						
Phablet	NR Band n77	100	C	0285M	1:1	-0.05	3750.00	650000	CW/SRS	11.04	Bottom	0	0.151	23.2						
Phablet	NR Band n77 DoD	100	C	0285M	1:1	0.01	3500.01	633334	CW/SRS	11.51	Right	0	0.617	17.5						
Phablet	NR Band n77	100	C	0285M	1:1	-0.06	3750.00	650000	CW/SRS	11.04	Right	0	0.586	17.3						
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]	EFS Plimit [dBm]				
Phablet	NR Band n77	100	H	0285M	1:1	0.02	3930.00	662000	CW/SRS	15.76	Back	0	0.868	20.3	20.2	16.5				
Phablet	NR Band n77 DoD	100	H	0285M	1:1	-0.01	3500.01	633334	CW/SRS	15.91	Front	0	0.391	23.9						
Phablet	NR Band n77	100	H	0285M	1:1	-0.03	3930.00	662000	CW/SRS	15.76	Front	0	0.896	20.2						
Phablet	NR Band n77	100	H	0285M	1:1	-0.09	3930.00	662000	CW/SRS	15.76	Left	0	0.232	26.0						
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	0285M	1:1	0.02	3500.01	633334	CW/SRS	11.07	Back	0	0.072	26.4	25.8	10.5				
Phablet	NR Band n77	100	D	0285M	1:1	-0.10	3930.00	662000	CW/SRS	11.37	Back	0	0.089	25.8						
Phablet	NR Band n77	100	D	0285M	1:1	0.06	3930.00	662000	CW/SRS	11.37	Front	0	0.000	55.3						
Phablet	NR Band n77	100	D	0285M	1:1	0.04	3930.00	662000	CW/SRS	11.37	Bottom	0	0.010	35.3						
Phablet	NR Band n77	100	D	0285M	1:1	0.01	3930.00	662000	CW/SRS	11.37	Left	0	0.000	55.3						

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