

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

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

Table A-1
RSI = 0 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 2 Tx Slots	A	1237M	1:2.76	0.02	848.80	251	27.27	Back	0	0.595	29.0	29.0
Phablet	GPRS 850	GPRS 2 Tx Slots	A	1237M	1:2.76	-0.01	848.80	251	27.27	Front	0	0.498	29.8	
Phablet	GPRS 850	GPRS 2 Tx Slots	A	1237M	1:2.76	-0.03	848.80	251	27.27	Bottom	0	0.246	32.9	
Phablet	GPRS 850	GPRS 2 Tx Slots	A	1237M	1:2.76	0.01	848.80	251	27.27	Right	0	0.157	34.8	
Phablet	GPRS 850	GPRS 2 Tx Slots	A	1237M	1:2.76	0.08	848.80	251	27.27	Left	0	0.268	32.5	
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	GPRS 850	GPRS 2 Tx Slots	E	1237M	1:2.76	0.00	848.80	251	26.34	Back	0	0.649	27.7	27.1
Phablet	GPRS 850	GPRS 2 Tx Slots	E	1237M	1:2.76	0.04	848.80	251	26.34	Front	0	0.754	27.1	
Phablet	GPRS 850	GPRS 2 Tx Slots	E	1237M	1:2.76	-0.04	848.80	251	26.34	Top	0	0.669	27.6	
Phablet	GPRS 850	GPRS 2 Tx Slots	E	1237M	1:2.76	-0.07	848.80	251	26.34	Right	0	0.453	29.3	
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]
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1211M	1:4.15	0.01	1850.20	512	26.99	Back	0	0.830	22.5	22.2
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1211M	1:4.15	0.04	1850.20	512	26.99	Front	0	0.896	22.2	
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1211M	1:4.15	0.18	1850.20	512	26.99	Bottom	0	0.707	23.2	
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1211M	1:4.15	-0.01	1850.20	512	26.99	Right	0	0.125	30.7	
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1211M	1:4.15	0.07	1850.20	512	26.99	Left	0	0.092	32.1	

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	1237M	1:1	0.02	836.60	4183	22.14	Back	0	0.697	27.6	27.6
Phablet	UMTS 850	RMC	A	1237M	1:1	0.03	836.60	4183	22.14	Front	0	0.625	28.1	
Phablet	UMTS 850	RMC	A	1237M	1:1	0.12	836.60	4183	22.14	Bottom	0	0.364	30.5	
Phablet	UMTS 850	RMC	A	1237M	1:1	-0.01	836.60	4183	22.14	Right	0	0.115	35.5	
Phablet	UMTS 850	RMC	A	1237M	1:1	-0.05	836.60	4183	22.14	Left	0	0.321	31.0	
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	UMTS 850	RMC	E	1237M	1:1	0.00	836.60	4183	21.34	Back	0	0.450	28.7	27.9
Phablet	UMTS 850	RMC	E	1237M	1:1	-0.02	836.60	4183	21.34	Front	0	0.512	28.2	
Phablet	UMTS 850	RMC	E	1237M	1:1	-0.01	836.60	4183	21.34	Top	0	0.548	27.9	
Phablet	UMTS 850	RMC	E	1237M	1:1	-0.03	836.60	4183	21.34	Right	0	0.296	30.6	
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	1211M	1:1	-0.03	1712.40	1312	16.51	Back	0	0.839	21.2	21.2
Phablet	UMTS 1750	RMC	A	1211M	1:1	-0.01	1712.40	1312	16.51	Front	0	0.667	22.2	
Phablet	UMTS 1750	RMC	A	1211M	1:1	-0.01	1712.40	1312	16.51	Bottom	0	0.672	22.2	
Phablet	UMTS 1750	RMC	A	1211M	1:1	-0.03	1712.40	1312	16.51	Right	0	0.073	31.8	
Phablet	UMTS 1750	RMC	A	1211M	1:1	0.04	1712.40	1312	16.51	Left	0	0.107	30.1	
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]
Phablet	UMTS 1900	RMC	A	1237M	1:1	-0.02	1852.40	9262	16.18	Back	0	1.010	20.1	20.1
Phablet	UMTS 1900	RMC	A	1237M	1:1	-0.07	1852.40	9262	16.18	Front	0	0.931	20.4	
Phablet	UMTS 1900	RMC	A	1237M	1:1	-0.01	1852.40	9262	16.18	Bottom	0	0.707	21.6	
Phablet	UMTS 1900	RMC	A	1237M	1:1	0.00	1852.40	9262	16.18	Right	0	0.145	28.5	
Phablet	UMTS 1900	RMC	A	1237M	1:1	-0.07	1852.40	9262	16.18	Left	0	0.074	31.4	

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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	1214M	1:1	-0.02	707.50	23095	0.0	22.37	25	0	Back	0	0.712	27.8	27.8
Phablet	LTE Band 12	10	QPSK	A	1214M	1:1	0.03	707.50	23095	0.0	22.37	25	0	Front	0	0.704	27.8	
Phablet	LTE Band 12	10	QPSK	A	1214M	1:1	0.05	707.50	23095	0.0	22.37	25	0	Bottom	0	0.434	29.9	
Phablet	LTE Band 12	10	QPSK	A	1214M	1:1	0.01	707.50	23095	0.0	22.37	25	0	Right	0	0.106	36.0	
Phablet	LTE Band 12	10	QPSK	A	1214M	1:1	-0.05	707.50	23095	0.0	22.37	25	0	Left	0	0.187	33.6	
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 12	10	QPSK	E	1214M	1:1	0.00	707.50	23095	0.0	19.58	25	25	Back	0	0.320	28.5	26.5
Phablet	LTE Band 12	10	QPSK	E	1214M	1:1	-0.04	707.50	23095	0.0	19.58	25	25	Front	0	0.407	27.4	
Phablet	LTE Band 12	10	QPSK	E	1214M	1:1	0.00	707.50	23095	0.0	19.58	25	25	Top	0	0.505	26.5	
Phablet	LTE Band 12	10	QPSK	E	1214M	1:1	0.04	707.50	23095	0.0	19.58	25	25	Right	0	0.271	29.2	

Table A-4
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	0817M	1:1	-0.01	782.00	23230	0.0	21.99	1	0	Back	0	0.832	26.7	26.7
Phablet	LTE Band 13	10	QPSK	A	0817M	1:1	0.02	782.00	23230	0.0	21.99	1	0	Front	0	0.647	27.8	
Phablet	LTE Band 13	10	QPSK	A	0817M	1:1	0.00	782.00	23230	0.0	21.99	1	0	Bottom	0	0.357	30.4	
Phablet	LTE Band 13	10	QPSK	A	0817M	1:1	0.00	782.00	23230	0.0	21.99	1	0	Right	0	0.174	33.5	
Phablet	LTE Band 13	10	QPSK	A	0817M	1:1	0.03	782.00	23230	0.0	21.99	1	0	Left	0	0.202	32.9	
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]
Phablet	LTE Band 13	10	QPSK	E	0817M	1:1	0.00	782.00	23230	0.0	18.55	1	0	Back	0	0.394	26.5	25.2
Phablet	LTE Band 13	10	QPSK	E	0817M	1:1	0.01	782.00	23230	0.0	18.55	1	0	Front	0	0.492	25.6	
Phablet	LTE Band 13	10	QPSK	E	0817M	1:1	0.00	782.00	23230	0.0	18.55	1	0	Top	0	0.540	25.2	
Phablet	LTE Band 13	10	QPSK	E	0817M	1:1	0.04	782.00	23230	0.0	18.55	1	0	Right	0	0.261	28.3	

Table A-5
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	1214M	1:1	-0.03	831.50	26865	0.0	21.93	1	74	Back	0	0.749	27.1	27.1
Phablet	LTE Band 26	15	QPSK	A	1214M	1:1	0.02	831.50	26865	0.0	21.93	1	74	Front	0	0.660	27.7	
Phablet	LTE Band 26	15	QPSK	A	1214M	1:1	0.15	831.50	26865	0.0	21.93	1	74	Bottom	0	0.404	29.8	
Phablet	LTE Band 26	15	QPSK	A	1214M	1:1	-0.17	831.50	26865	0.0	21.93	1	74	Right	0	0.140	34.4	
Phablet	LTE Band 26	15	QPSK	A	1214M	1:1	0.10	831.50	26865	0.0	21.93	1	74	Left	0	0.349	30.4	
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 26	15	QPSK	E	1214M	1:1	-0.03	831.50	26865	0.0	19.08	1	36	Back	0	0.366	27.4	25.9
Phablet	LTE Band 26	15	QPSK	E	1214M	1:1	0.00	831.50	26865	0.0	19.08	1	36	Front	0	0.475	26.2	
Phablet	LTE Band 26	15	QPSK	E	1214M	1:1	-0.01	831.50	26865	0.0	19.08	1	36	Top	0	0.513	25.9	
Phablet	LTE Band 26	15	QPSK	E	1214M	1:1	-0.10	831.50	26865	0.0	19.08	1	36	Right	0	0.253	29.0	

Table A-6
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	1493M	1:1	0.08	1720.00	132072	0.0	17.53	50	0	Back	0	0.862	22.1	22.1
Phablet	LTE Band 66	20	QPSK	A	1493M	1:1	0.04	1720.00	132072	0.0	17.53	50	0	Front	0	0.833	22.3	
Phablet	LTE Band 66	20	QPSK	A	1211M	1:1	-0.03	1720.00	132072	0.0	17.53	50	0	Bottom	0	0.666	23.2	
Phablet	LTE Band 66	20	QPSK	A	1493M	1:1	-0.04	1720.00	132072	0.0	17.53	50	0	Right	0	0.091	31.9	
Phablet	LTE Band 66	20	QPSK	A	1493M	1:1	-0.10	1720.00	132072	0.0	17.53	50	0	Left	0	0.125	30.5	
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 66	20	QPSK	F	1493M	1:1	0.00	1720.00	132072	0.0	19.74	50	0	Back	0	0.672	25.4	23.8
Phablet	LTE Band 66	20	QPSK	F	1493M	1:1	-0.03	1720.00	132072	0.0	19.74	50	0	Front	0	0.559	26.2	
Phablet	LTE Band 66	20	QPSK	F	1493M	1:1	-0.04	1720.00	132072	0.0	19.74	50	0	Top	0	0.961	23.8	
Phablet	LTE Band 66	20	QPSK	F	1493M	1:1	-0.03	1720.00	132072	0.0	19.74	50	0	Left	0	0.158	31.7	

FCC ID: A3LSMA576B	RF EXPOSURE PART 0 TEST REPORT	Approved by: Technical Manager
Document S/N: 1M2510280091-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 2 of 5

Table A-7
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	1493M	1:1	0.05	1860.00	26140	0.0	17.78	1	0	Back	0	0.881	22.3	21.9
Phablet	LTE Band 25	20	QPSK	A	1493M	1:1	0.00	1860.00	26140	0.0	17.78	1	0	Front	0	0.952	21.9	
Phablet	LTE Band 25	20	QPSK	A	1493M	1:1	0.00	1860.00	26140	0.0	17.78	1	0	Bottom	0	0.858	22.4	
Phablet	LTE Band 25	20	QPSK	A	1493M	1:1	-0.04	1860.00	26140	0.0	17.78	1	0	Right	0	0.121	30.9	
Phablet	LTE Band 25	20	QPSK	A	1493M	1:1	-0.06	1860.00	26140	0.0	17.78	1	0	Left	0	0.063	33.7	
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	1493M	1:1	-0.02	1882.50	26365	0.0	19.96	50	0	Back	0	0.728	25.3	23.9
Phablet	LTE Band 25	20	QPSK	F	1493M	1:1	0.01	1882.50	26365	0.0	19.96	50	0	Front	0	0.567	26.4	
Phablet	LTE Band 25	20	QPSK	F	1493M	1:1	-0.01	1882.50	26365	0.0	19.96	50	0	Top	0	0.994	23.9	
Phablet	LTE Band 25	20	QPSK	F	1493M	1:1	-0.03	1882.50	26365	0.0	19.96	50	0	Left	0	0.098	34.0	

Table A-8
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	1237M	1:1.58	0.00	2506.00	39750	0.0	20.82	1	0	Back	0	1.020	22.7	21.7
Phablet	LTE Band 41	20	QPSK	B	1237M	1:1.58	-0.06	2506.00	39750	0.0	20.82	1	0	Front	0	0.604	25.0	
Phablet	LTE Band 41	20	QPSK	B	1237M	1:1.58	0.01	2506.00	39750	0.0	20.82	1	0	Bottom	0	1.270	21.7	
Phablet	LTE Band 41	20	QPSK	B	1237M	1:1.58	0.03	2506.00	39750	0.0	20.82	1	0	Left	0	0.530	25.5	
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	1215M	1:1.58	0.02	2680.00	41490	0.0	16.91	1	0	Back	0	0.708	20.4	18.8
Phablet	LTE Band 41	20	QPSK	F	1215M	1:1.58	0.04	2680.00	41490	0.0	16.91	1	0	Front	0	0.472	22.1	
Phablet	LTE Band 41	20	QPSK	F	1215M	1:1.58	-0.02	2680.00	41490	0.0	16.91	1	0	Top	0	1.010	18.8	
Phablet	LTE Band 41	20	QPSK	F	1215M	1:1.58	0.08	2680.00	41490	0.0	16.91	1	0	Left	0	0.079	29.9	

Table A-9
RSI = 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]
Phablet	NR Band n5	20	QPSK	A	1493M	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	22.51	50	28	Back	0	0.864	27.1	27.1
Phablet	NR Band n5	20	QPSK	A	1493M	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	22.51	50	28	Front	0	0.096	28.0	
Phablet	NR Band n5	20	QPSK	A	1493M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	22.51	50	28	Bottom	0	0.421	30.2	
Phablet	NR Band n5	20	QPSK	A	1493M	1:1	-0.03	836.50	167300	DFT-s-OFDM	0.0	22.51	50	28	Right	0	0.114	35.9	
Phablet	NR Band n5	20	QPSK	A	1493M	1:1	0.07	836.50	167300	DFT-s-OFDM	0.0	22.51	50	28	Left	0	0.266	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]
Phablet	NR Band n5	20	QPSK	E	1493M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	19.30	50	0	Back	0	0.371	27.5	26.3
Phablet	NR Band n5	20	QPSK	E	1493M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	19.30	50	0	Front	0	0.474	26.5	
Phablet	NR Band n5	20	QPSK	E	1493M	1:1	-0.01	836.50	167300	DFT-s-OFDM	0.0	19.30	50	0	Top	0	0.488	26.3	
Phablet	NR Band n5	20	QPSK	E	1493M	1:1	-0.06	836.50	167300	DFT-s-OFDM	0.0	19.30	50	0	Right	0	0.265	29.0	

Table A-10
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	1493M	1:1	0.02	1745.00	349000	DFT-s-OFDM	0.0	18.61	108	54	Back	0	1.150	21.9	21.9
Phablet	NR Band n66	40	QPSK	A	1493M	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	18.61	108	54	Front	0	0.934	22.8	
Phablet	NR Band n66	40	QPSK	A	1493M	1:1	-0.04	1745.00	349000	DFT-s-OFDM	0.0	18.61	108	54	Bottom	0	0.756	23.8	
Phablet	NR Band n66	40	QPSK	A	1493M	1:1	0.02	1745.00	349000	DFT-s-OFDM	0.0	18.61	108	54	Right	0	0.114	32.0	
Phablet	NR Band n66	40	QPSK	A	1493M	1:1	-0.07	1745.00	349000	DFT-s-OFDM	0.0	18.61	108	54	Left	0	0.112	32.0	
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 n66	40	QPSK	F	1493M	1:1	0.00	1745.00	349000	DFT-s-OFDM	0.0	18.11	1	108	Back	0	0.409	25.9	22.2
Phablet	NR Band n66	40	QPSK	F	1493M	1:1	-0.05	1745.00	349000	DFT-s-OFDM	0.0	18.11	1	108	Front	0	0.522	24.9	
Phablet	NR Band n66	40	QPSK	F	1493M	1:1	0.06	1745.00	349000	DFT-s-OFDM	0.0	18.11	1	108	Top	0	0.973	22.2	
Phablet	NR Band n66	40	QPSK	F	1493M	1:1	0.02	1745.00	349000	DFT-s-OFDM	0.0	18.11	1	108	Left	0	0.218	28.7	

FCC ID: A3LSMA576B	RF EXPOSURE PART 0 TEST REPORT	Approved by: Technical Manager
Document S/N: 1M2510280091-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 3 of 5

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Table A-11
RSI = 0 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	1215M	1:1	-0.02	2592.99	518598	DFT-s-OFDM	0.0	17.88	135	69	Back	0	1.490	20.1	20.1
Phablet	NR Band n41	100	QPSK	B	1215M	1:1	-0.03	2592.99	518598	DFT-s-OFDM	0.0	17.88	135	69	Front	0	0.762	23.0	
Phablet	NR Band n41	100	QPSK	B	1215M	1:1	-0.04	2592.99	518598	DFT-s-OFDM	0.0	17.88	135	69	Bottom	0	1.360	20.5	
Phablet	NR Band n41	100	QPSK	B	1215M	1:1	-0.02	2592.99	518598	DFT-s-OFDM	0.0	17.88	135	69	Left	0	0.581	24.2	
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]				
Phablet	NR Band n41	100	F	1215M	1:1	0.01	2592.99	518598	CW/SRS	16.31	Back	0	0.826	21.1	19.6				
Phablet	NR Band n41	100	F	1215M	1:1	-0.03	2592.99	518598	CW/SRS	16.31	Front	0	0.603	22.4					
Phablet	NR Band n41	100	F	1215M	1:1	-0.01	2592.99	518598	CW/SRS	16.31	Top	0	1.150	19.6					
Phablet	NR Band n41	100	F	1215M	1:1	0.03	2592.99	518598	CW/SRS	16.31	Left	0	0.099	30.3					
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 n41	100	H	1215M	1:1	-0.04	2592.99	518598	CW/SRS	14.78	Back	0	1.160	18.1	16.9				
Phablet	NR Band n41	100	H	1215M	1:1	0.02	2592.99	518598	CW/SRS	14.78	Front	0	0.606	20.9					
Phablet	NR Band n41	100	H	1215M	1:1	0.01	2592.99	518598	CW/SRS	14.78	Top	0	0.393	22.8					
Phablet	NR Band n41	100	H	1215M	1:1	0.00	2592.99	518598	CW/SRS	14.78	Left	0	1.530	16.9					
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 n41	100	J	1215M	1:1	-0.05	2592.99	518598	CW/SRS	16.22	Back	0	0.114	29.6	25.6				
Phablet	NR Band n41	100	J	1215M	1:1	-0.08	2592.99	518598	CW/SRS	16.22	Front	0	0.284	25.6					
Phablet	NR Band n41	100	J	1215M	1:1	0.01	2592.99	518598	CW/SRS	16.22	Top	0	0.000	60.1					
Phablet	NR Band n41	100	J	1215M	1:1	0.07	2592.99	518598	CW/SRS	16.22	Right	0	0.092	30.5					

Table A-12
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	1214M	1:1	-0.10	3930.00	662000	DFT-s-OFDM	0.0	15.68	1	271	Back	0	0.388	23.7	20.4
Phablet	NR Band n77	100	QPSK	F	1214M	1:1	-0.13	3930.00	662000	DFT-s-OFDM	0.0	15.68	1	271	Front	0	0.340	24.3	
Phablet	NR Band n77	100	QPSK	F	1214M	1:1	-0.06	3930.00	662000	DFT-s-OFDM	0.0	15.68	1	271	Top	0	0.409	23.5	
Phablet	NR Band n77 DoD	100	QPSK	F	1214M	1:1	0.02	3500.01	633334	DFT-s-OFDM	0.0	15.41	135	138	Top	0	0.778	20.4	
Phablet	NR Band n77	100	QPSK	F	1214M	1:1	-0.19	3930.00	662000	DFT-s-OFDM	0.0	15.68	1	271	Left	0	0.050	32.6	

Table A-13
RSI = 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	H	1233M	98.48	0.07	2462.00	11	1.0	16.88	Back	0	0.627	22.8	20.6			
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	H	1233M	98.48	0.04	2462.00	11	1.0	16.88	Front	0	0.457	24.1				
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	H	1233M	98.48	0.09	2462.00	11	1.0	16.88	Top	0	0.420	24.5				
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	H	1233M	98.48	0.18	2462.00	11	1.0	16.88	Left	0	1.030	20.6				
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing (mm)	Measured 10g SAR [W/kg]	MIMO Plimit Ant H [dBm]	MIMO Plimit Ant J [dBm]	Overall MIMO Plimit Ant H [dBm]	Overall MIMO Plimit Ant J [dBm]
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	1233M	98.22	-0.10	2462.00	11	1.0	16.92	14.61	Back	0	0.436	24.4	22.1	22.6	20.3
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	1233M	98.22	0.00	2462.00	11	1.0	16.92	14.61	Front	0	0.424	24.5	22.2		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	1233M	98.22	-0.04	2462.00	11	1.0	16.92	14.61	Top	0	0.262	26.6	24.3		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	1233M	98.22	0.20	2462.00	11	1.0	16.92	14.61	Right	0	0.059	33.1	30.8		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	1233M	98.22	0.19	2462.00	11	1.0	16.92	14.61	Left	0	0.651	22.6	20.3		

FCC ID: A3LSMA576B	RF EXPOSURE PART 0 TEST REPORT	Approved by: Technical Manager
Document S/N: 1M2510280091-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 4 of 5

Table A-14
RSI = 0 P_{Limit} Calculations – 6 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	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	0.03	5985.00	7	34.0	8.97	Back	0	0.128	21.5	21.5				
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	0.09	5985.00	7	34.0	8.97	Front	0	0.062	24.6					
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	0.08	5985.00	7	34.0	8.97	Top	0	0.029	27.9					
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	-0.10	5985.00	7	34.0	8.97	Left	0	0.091	23.0					
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 APD [W/m² (4cm²)]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	0.03	5985.00	7	34.0	8.97	Back	0	2.970	14.8	14.8				
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	0.09	5985.00	7	34.0	8.97	Front	0	1.370	18.2					
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	0.08	5985.00	7	34.0	8.97	Top	0	0.687	21.2					
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	G	1496M	92.11	-0.10	5985.00	7	34.0	8.97	Left	0	2.150	16.2					
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]	Duty Cycle Scaling Factor	MIMO Plimit Ant E [dBm]	MIMO Plimit Ant G [dBm]	Overall MIMO Plimit Ant E [dBm]	Overall MIMO Plimit Ant G [dBm]
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.03	5985.00	7	68.1	5.91	8.76	Back	0	0.112	N/A	18.7	21.6	18.7	21.6
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	-0.06	5985.00	7	68.1	5.91	8.76	Front	0	0.045	N/A	22.7	25.5		
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.06	5985.00	7	68.1	5.91	8.76	Top	0	0.024	N/A	25.4	28.3		
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.13	5985.00	7	68.1	5.91	8.76	Right	0	0.022	N/A	25.8	28.6		
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.03	5985.00	7	68.1	5.91	8.76	Left	0	0.086	N/A	19.9	22.7	12.1	14.9
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 APD [W/m² (4cm²)]	Duty Cycle Scaling Factor	MIMO Plimit Ant E [dBm]	MIMO Plimit Ant G [dBm]	Overall MIMO Plimit Ant E [dBm]	Overall MIMO Plimit Ant G [dBm]
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.03	5985.00	7	68.1	5.91	8.76	Back	0	2.600	1.156	12.1	14.9	12.1	14.9
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	-0.06	5985.00	7	68.1	5.91	8.76	Front	0	1.000	1.156	16.2	19.1		
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.06	5985.00	7	68.1	5.91	8.76	Top	0	0.566	1.156	18.7	21.6		
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.13	5985.00	7	68.1	5.91	8.76	Right	0	0.535	1.156	19.0	21.8		
Phablet	6 GHz WiFi/ IEEE 802.11ax	80	OFDM	MIMO	1496M	86.47	0.03	5985.00	7	68.1	5.91	8.76	Left	0	2.030	1.156	13.2	16.0		

FCC ID: A3LSMA576B	RF EXPOSURE PART 0 TEST REPORT	Approved by: Technical Manager
Document S/N: 1M2510280091-02.A3L	DUT Type: Portable Handset	APPENDIX A: Page 5 of 5