

APPENDIX K: PART 0 SAR TEST RESULTS FOR P_{Limit} CALCULATIONS

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

Table K-1
ECI = 4 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	00101	1:2.076	0.01	836.60	190	27.83	Back	0	1.210	25.9	25.9
Phablet	GPRS 850	GPRS 4 Tx Slots	A	00101	1:2.076	0.03	836.60	190	27.83	Front	0	0.502	29.8	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	00101	1:2.076	0.07	836.60	190	27.83	Bottom	0	1.020	26.7	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	00101	1:2.076	-0.02	836.60	190	27.83	Right	0	0.605	28.9	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	00101	1:2.076	-0.10	836.60	190	27.83	Left	0	0.102	36.7	
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	00911	1:2.076	0.01	1850.20	512	22.61	Back	0	1.410	20.0	20.0
Phablet	GPRS 1900	GPRS 4 Tx Slots	B	00911	1:2.076	0.01	1850.20	512	22.61	Front	0	0.880	22.0	
Phablet	GPRS 1900	GPRS 4 Tx Slots	B	00911	1:2.076	-0.02	1850.20	512	22.61	Bottom	0	0.906	21.9	
Phablet	GPRS 1900	GPRS 4 Tx Slots	B	00911	1:2.076	-0.01	1850.20	512	22.61	Left	0	0.564	24.0	

Table K-2
ECI = 4 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	00101	1:1	0.04	836.60	4183	23.12	Back	0	1.240	24.3	24.3
Phablet	UMTS 850	RMC	A	00101	1:1	0.01	836.60	4183	23.12	Front	0	0.492	28.3	
Phablet	UMTS 850	RMC	A	00101	1:1	0.01	836.60	4183	23.12	Bottom	0	1.040	25.1	
Phablet	UMTS 850	RMC	A	00101	1:1	-0.01	836.60	4183	23.12	Right	0	0.622	27.3	
Phablet	UMTS 850	RMC	A	00101	1:1	0.03	836.60	4183	23.12	Left	0	0.091	35.6	
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	B	00127	1:1	0.01	1712.40	1312	20.46	Back	0	1.130	22.0	22.0
Phablet	UMTS 1750	RMC	B	00127	1:1	-0.01	1712.40	1312	20.46	Front	0	0.882	23.1	
Phablet	UMTS 1750	RMC	B	00127	1:1	0.00	1712.40	1312	20.46	Bottom	0	0.857	23.2	
Phablet	UMTS 1750	RMC	B	00127	1:1	-0.04	1712.40	1312	20.46	Left	0	0.446	26.0	
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 1900	RMC	B	00911	1:1	0.01	1880.00	9400	20.07	Back	0	1.640	20.0	20.0
Phablet	UMTS 1900	RMC	B	00911	1:1	0.01	1880.00	9400	20.07	Front	0	0.955	22.3	
Phablet	UMTS 1900	RMC	B	00911	1:1	0.01	1880.00	9400	20.07	Bottom	0	1.020	22.0	
Phablet	UMTS 1900	RMC	B	00911	1:1	-0.01	1880.00	9400	20.07	Left	0	0.569	24.6	

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DUT Type: Portable Handset		APPENDIX K: Page 1 of 3

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Table K-3
ECI = 4 P_{Limit} Calculations – LTE Band 12 Phablet SAR

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]
LTE Band 12	10	QPSK	A	00127	1:1	0.00	707.50	23095	0.0	23.76	1	0	Back	0	0.953	26.1	26.1
LTE Band 12	10	QPSK	A	00127	1:1	-0.01	707.50	23095	0.0	23.76	1	0	Front	0	0.234	32.2	
LTE Band 12	10	QPSK	A	00127	1:1	-0.02	707.50	23095	0.0	23.76	1	0	Bottom	0	0.556	28.4	
LTE Band 12	10	QPSK	A	00127	1:1	-0.01	707.50	23095	0.0	23.76	1	0	Right	0	0.399	29.9	
LTE Band 12	10	QPSK	A	00127	1:1	-0.02	707.50	23095	0.0	23.76	1	0	Left	0	0.104	35.7	

Table K-4
ECI = 4 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	00226	1:1	0.00	831.50	26865	0.0	23.81	1	36	Back	0	1.030	27.7	27.7
Phablet	LTE Band 26	15	QPSK	A	00226	1:1	-0.02	831.50	26865	0.0	23.81	1	36	Front	0	0.457	31.2	
Phablet	LTE Band 26	15	QPSK	A	00226	1:1	0.02	831.50	26865	0.0	23.81	1	36	Bottom	0	0.929	28.1	
Phablet	LTE Band 26	15	QPSK	A	00226	1:1	0.00	831.50	26865	0.0	23.81	1	36	Right	0	0.534	30.5	
Phablet	LTE Band 26	15	QPSK	A	00226	1:1	-0.16	831.50	26865	0.0	23.81	1	36	Left	0	0.102	37.7	

Table K-5
ECI = 4 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	00911	1:1	0.00	1720.00	132072	0.0	17.90	50	50	Back	0	0.827	20.8	20.8
Phablet	LTE Band 66	20	QPSK	B	00911	1:1	-0.01	1720.00	132072	0.0	17.90	50	50	Front	0	0.579	22.3	
Phablet	LTE Band 66	20	QPSK	B	00911	1:1	0.00	1720.00	132072	0.0	17.90	50	50	Bottom	0	0.587	22.3	
Phablet	LTE Band 66	20	QPSK	B	00911	1:1	-0.05	1720.00	132072	0.0	17.90	50	50	Left	0	0.329	24.8	

Table K-6
ECI = 4 P_{Limit} Calculations – LTE Band 2 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 2	20	QPSK	B	00267	1:1	-0.03	1860.00	18700	0.0	17.44	50	50	Back	0	0.504	22.5	22.0
Phablet	LTE Band 2	20	QPSK	B	00267	1:1	0.00	1860.00	18700	0.0	17.44	50	50	Front	0	0.564	22.0	
Phablet	LTE Band 2	20	QPSK	B	00267	1:1	-0.02	1860.00	18700	0.0	17.44	50	50	Bottom	0	0.497	22.6	
Phablet	LTE Band 2	20	QPSK	B	00267	1:1	0.00	1860.00	18700	0.0	17.44	50	50	Left	0	0.332	24.3	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 2	20	QPSK	C	00101	1:1	0.05	1860.00	18700	0.0	21.64	1	99	Back	0	1.860	21.0	21.0
Phablet	LTE Band 2	20	QPSK	C	00101	1:1	-0.01	1860.00	18700	0.0	21.64	1	99	Front	0	0.198	30.7	
Phablet	LTE Band 2	20	QPSK	C	00101	1:1	0.07	1860.00	18700	0.0	21.64	1	99	Top	0	0.054	36.4	
Phablet	LTE Band 2	20	QPSK	C	00101	1:1	0.02	1860.00	18700	0.0	21.64	1	99	Left	0	0.993	23.7	

Table K-7
ECI = 4 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	00127	1:1.58	0.02	2680.00	41490	0.0	22.08	1	99	Back	0	1.510	20.4	20.4
Phablet	LTE Band 41	20	QPSK	B	00127	1:1.58	0.04	2680.00	41490	0.0	22.08	1	99	Front	0	0.619	24.3	
Phablet	LTE Band 41	20	QPSK	B	00127	1:1.58	0.02	2680.00	41490	0.0	22.08	1	99	Bottom	0	0.707	23.7	
Phablet	LTE Band 41	20	QPSK	B	00127	1:1.58	-0.01	2680.00	41490	0.0	22.08	1	99	Left	0	0.606	24.4	

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DUT Type: Portable Handset		APPENDIX K: Page 2 of 3

Table K-8

ECI = 4 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	00127	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	22.82	50	0	Back	0	1.040	24.7	24.7
Phablet	NR Band n5	20	QPSK	A	00127	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	22.82	50	0	Front	0	0.307	30.0	
Phablet	NR Band n5	20	QPSK	A	00127	1:1	0.02	836.50	167300	DFT-s-OFDM	0.0	22.82	50	0	Bottom	0	0.798	25.9	
Phablet	NR Band n5	20	QPSK	A	00127	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	22.82	50	0	Right	0	0.539	27.6	
Phablet	NR Band n5	20	QPSK	A	00127	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	22.82	50	0	Left	0	0.069	36.5	

Table K-9

ECI = 4 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	00697	1:1	-0.02	1745.00	349000	DFT-s-OFDM	0.0	18.50	108	54	Back	0	0.830	21.4	21.4
Phablet	NR Band n66	40	QPSK	B	00697	1:1	-0.01	1745.00	349000	DFT-s-OFDM	0.0	18.50	108	54	Front	0	0.638	22.6	
Phablet	NR Band n66	40	QPSK	B	00697	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	18.50	108	54	Bottom	0	0.624	22.7	
Phablet	NR Band n66	40	QPSK	B	00697	1:1	0.00	1745.00	349000	DFT-s-OFDM	0.0	18.50	108	54	Left	0	0.370	24.9	

Table K-10

ECI = 4 P_{Limit} Calculations – DTS 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	20	DSSS	E	00911	99.51	0.01	2437.00	6	1	19.81	Back	0	1.090	20.7	20.7
Phablet	2.4 GHz WiFi/ IEEE 802.11b	20	DSSS	E	00911	99.51	0.00	2437.00	6	1	19.81	Front	0	0.383	25.3	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	20	DSSS	E	00911	99.51	-0.07	2437.00	6	1	19.81	Top	0	0.853	21.8	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	20	DSSS	E	00911	99.51	-0.01	2437.00	6	1	19.81	Left	0	0.160	29.1	

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DUT Type: Portable Handset		APPENDIX K: Page 3 of 3