APPENDIX B PLOTS OF THE SAR MEASUREMENTS

Plots of the measured SAR distributions inside the phantom are given in this Appendix for all tested configurations. The spatial peak SAR values were assessed with the procedure described in this report.

Table: 850MHz GPRS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet *	1	190
Edge On Top *	2	190
Edge On Right *	3	190
Laps On **	4	190
Tablet GPRS Class 10	5	190
Edge On Top GPRS Class 10	6	190
Z-Axis graphs for Plots 5 to 6		
Edge On Right EGPRS Class 10	7	251
Edge On Right GPRS Class 11	8	190
Edge On Right GPRS Class 12	9	190
Z-Axis graphs for Plots 7 to 9		
Edge On Right GPRS Class 10	10	128
	11	190
	12	251
Z-Axis graphs for Plots 10 to 12		
Edge On Right GPRS Class 10 WLAN On	13	251
WLAN (DSSS) Edge On Top Ant A with 850 MHz GPRS	14	WLAN: 01 GPRS: 190
WLAN (OFDM) Edge On Top Ant A ^ with 850 MHz GPRS #	15	WLAN: 157 GPRS: 190
Z-Axis graphs for Plots 13 - 15		

* = Pre-scan Only ** = Noise Floor ^ = 2dB attenuation antenna # = Multi-band Test

Table: 1900MHz GPRS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet *	16	661
Edge On Top *	17	661
Edge On Right *	18	661
Laps On *	19	661
Tablet GPRS Class 12	20	661
Edge On Top GPRS Class 12	21	661
Z-Axis graphs for Plots 20 to 21		
Edge On Right GPRS Class 10	22	661
Edge On Right GPRS Class 11	23	661
Z-Axis graphs for Plots 22 to 23		
Edge On Right GPRS Class 12	24	512
	25	661
	26	810
Z-Axis graphs for Plots 24 to 26		
Edge On Right EGPRS Class 12	27	810
Edge On Right GPRS Class 10 WLAN On	28	810
Z-Axis graphs for Plots 27 to 22		
WLAN (DSSS) Edge On Top Ant A with 1900 MHz GPRS	29	WLAN: 01 GPRS: 661
WLAN (OFDM) Edge On Top Ant A with 1900 MHz GPRS	30	WLAN: 157 GPRS: 661
Z-Axis graphs for Plots 29 to 30		

* = Pre-scan Only

Table: 850MHz UMTS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet *	31	4183
Edge On Top *	32	4183
Edge On Right *	33	4183
Laps On *	34	4183
Tablet	35	4183
Edge On Top	36	4183
Edge On Right + HSDPA	37	4132
Z-Axis graphs for Plots 35 to 37		
Edge On Right	38	4132
	39	4183
	40	4233
Z-Axis graphs for Plots 38 to 40		
Edge On Right WLAN On	41	4233
WLAN (DSSS) Edge On Top Ant A with 850 MHz UMTS	42	WLAN: 01 UMTS: 4183
WLAN (OFDM) Edge On Top Ant A with 850 MHz UMTS #	43	WLAN: 157 UMTS: 4183
Z-Axis graphs for Plots 41 to 43		

* = Pre-scan Only
# = Multi-band Testing

Table: 1900MHz UMTS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet **	44	9400
Edge On Top *	45	9400
Edge On Right *	46	9400
Laps On **	47	9400
Tablet	48	9400
Edge On Top	49	9400
Z-Axis graphs for Plots 48 to 49		
Edge On Right + HSDPA	50	9262
	51	9400
	52	9538
Z-Axis graphs for Plots 50 to 52		
Edge On Right	53	9262
	54	9400
	55	9538
Z-Axis graphs for Plots 53 to 55		
Edge On Right WLAN On	56	9538
WLAN (DSSS) Edge On Top Ant A with 1900 MHz UMTS	57	WLAN: 01 UMTS: 9400
WLAN (OFDM) Edge On Top Ant A with 1900 MHz UMTS	58	WLAN: 157 UMTS: 9400
Z-Axis graphs for Plots 56 to 58		

* = Pre-scan Only
** = Noise Floor

Table: Validation Plots

Plot 59	Validation 1800 MHz 24th November 2007
Plot 60	Validation 900 MHz 25th November 2007
Z-Axis graphs for Plots 59 to 60	
Plot 61	Validation 1800 MHz 26th November 2007
Plot 62	Validation 900 MHz 26th November 2007
Z-Axis graphs for Plots 61 to 62	
Plot 63	Validation 2450 MHz 31st January 2008
Plot 64	Validation 5800 MHz 5th February 2008
Z-Axis graphs for Plots 63 – 64	
Plot 65	Validation 900 MHz 11th February 2008
Plot 66	Validation 5800 MHz 11th February 2008
Z-Axis graphs for Plots 65 to 66	

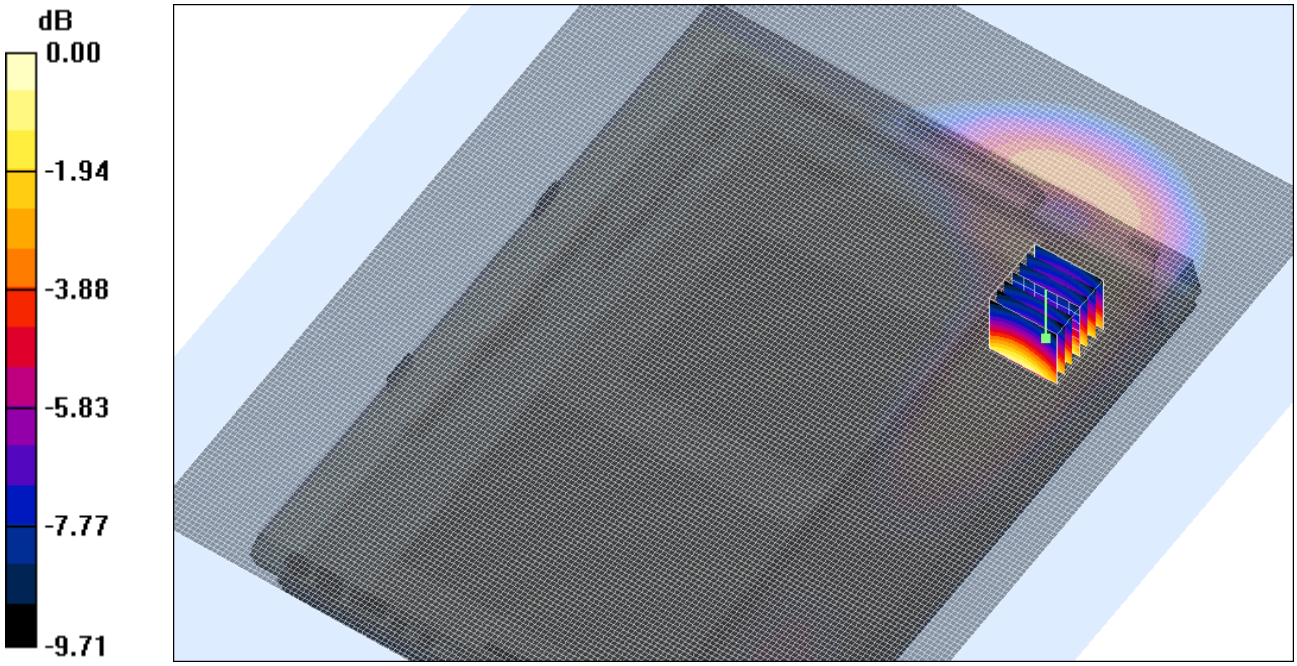
Test Date: 25 November 2007

File Name: Tablet 850 MHz GPRS Class 10 Champlain Prescan 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (141x181x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.331 mW/g



0 dB = 0.353mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

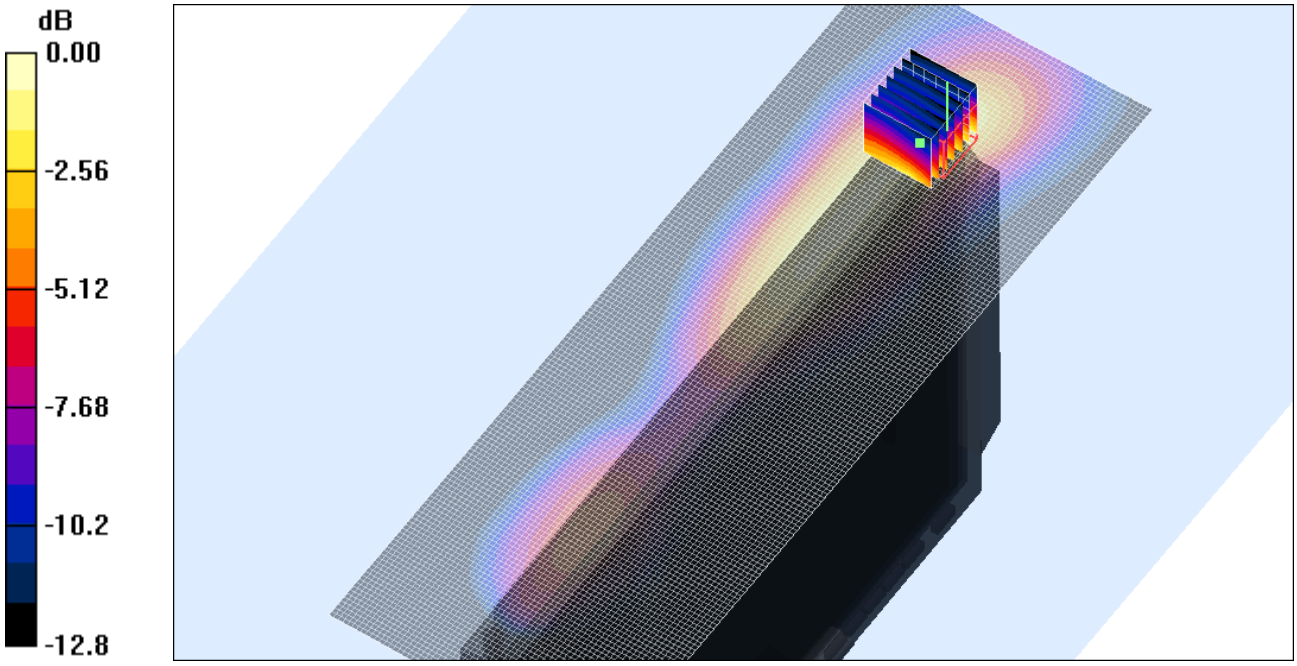
Test Date: 25 November 2007

File Name: Edge On Top 850 MHz GPRS Class 10 Champlain Prescan 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (61x181x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.215 mW/g



0 dB = 0.244mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007

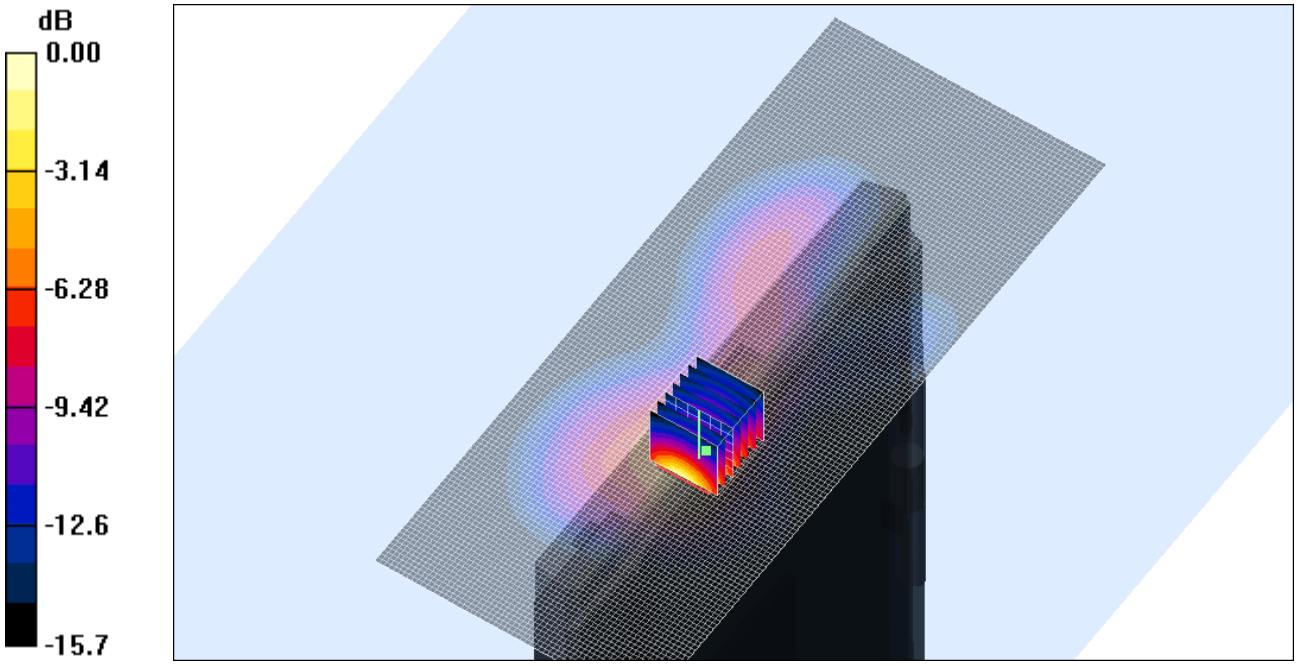
File Name: Edge On Right 850 MHz GPRS Class 10 Champlain Prescan 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (61x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.537 mW/g



0 dB = 0.909mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007

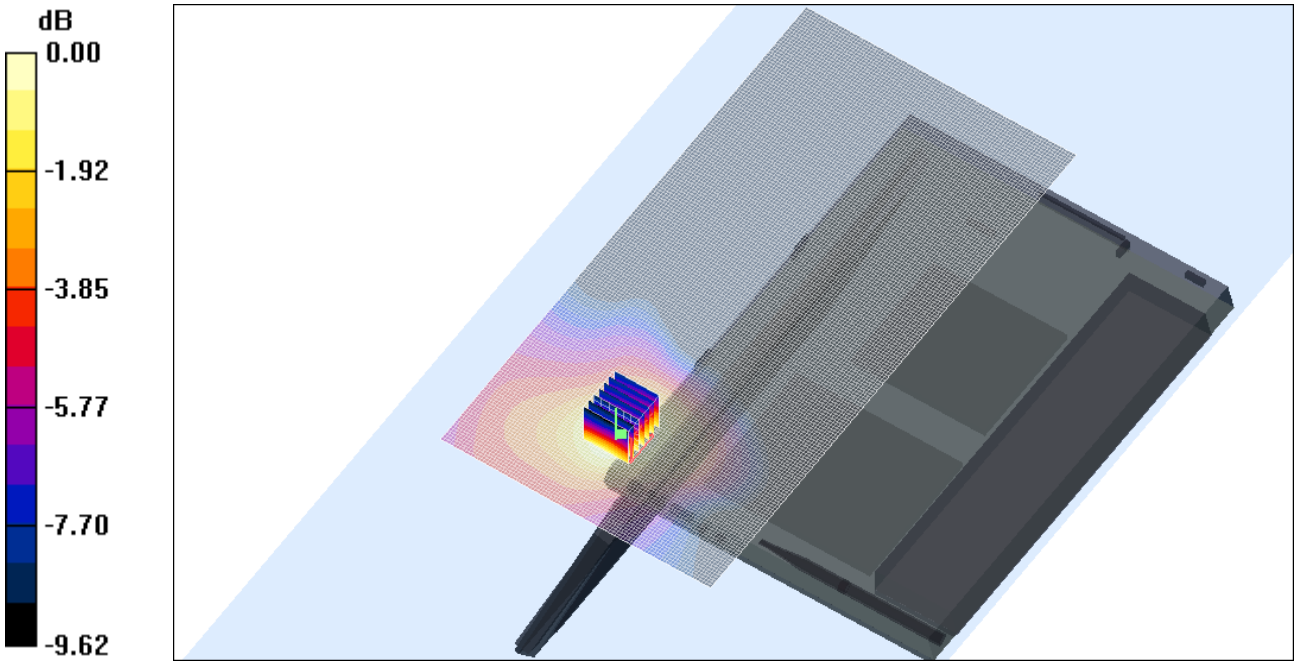
File Name: Laps On 850 MHz GPRS Class 10 Champlain Prescan 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (91x181x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.053 mW/g



0 dB = 0.054mW/g

SAR MEASUREMENT PLOT 4

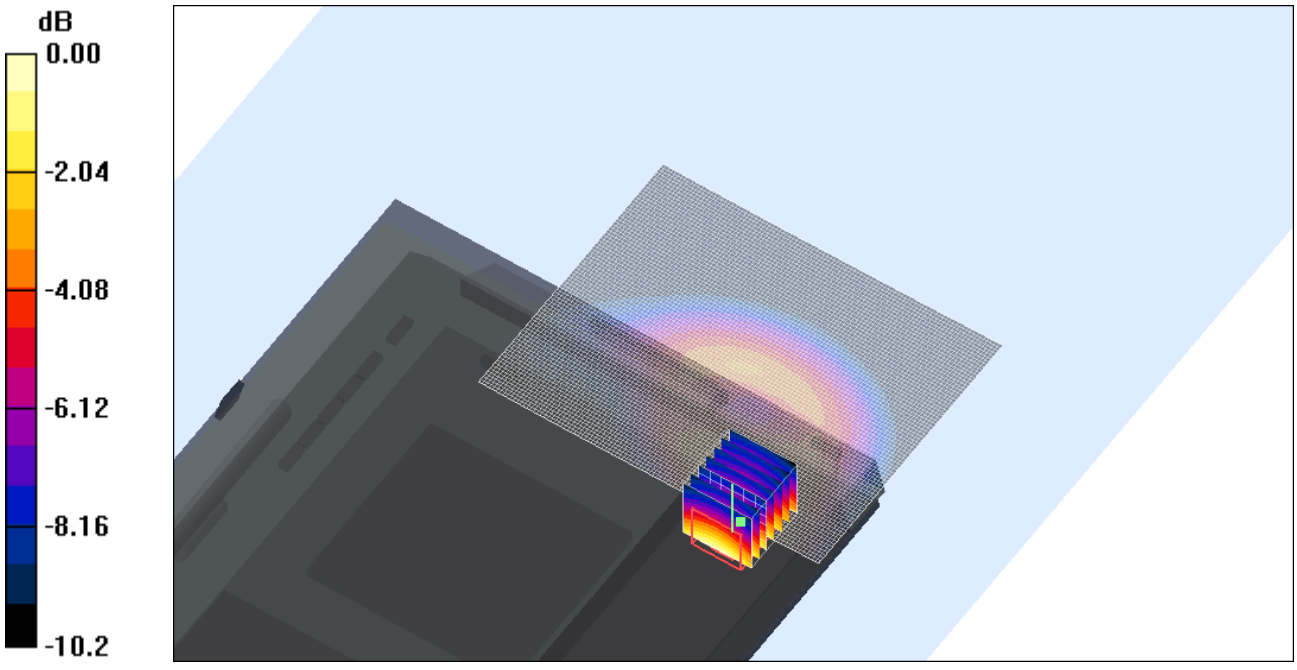
Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007
File Name: Tablet 850 MHz GPRS Class 10 Champlain 25-11-07.da4
DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.325 mW/g

Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.347 mW/g



0 dB = 0.347mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007

File Name: Edge On Top 850 MHz GPRS Class 10 Champlain 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

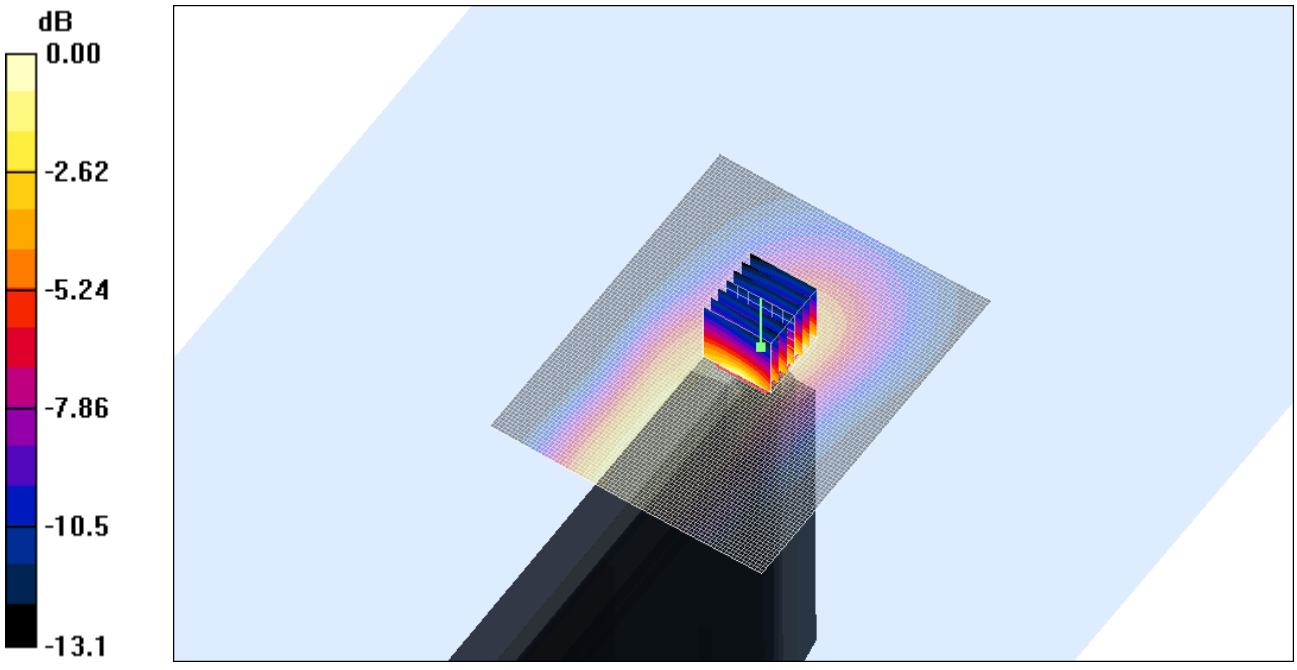
* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.223 mW/g

Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

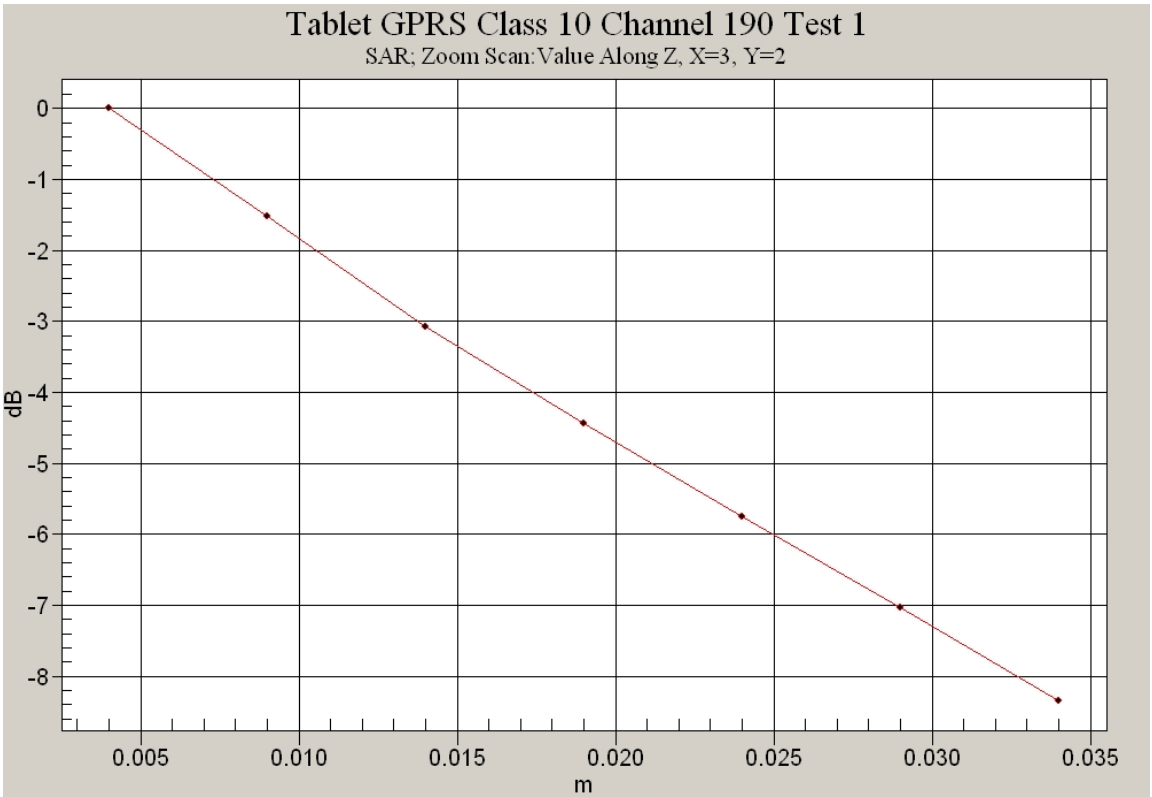
Reference Value = 12.6 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.234 mW/g

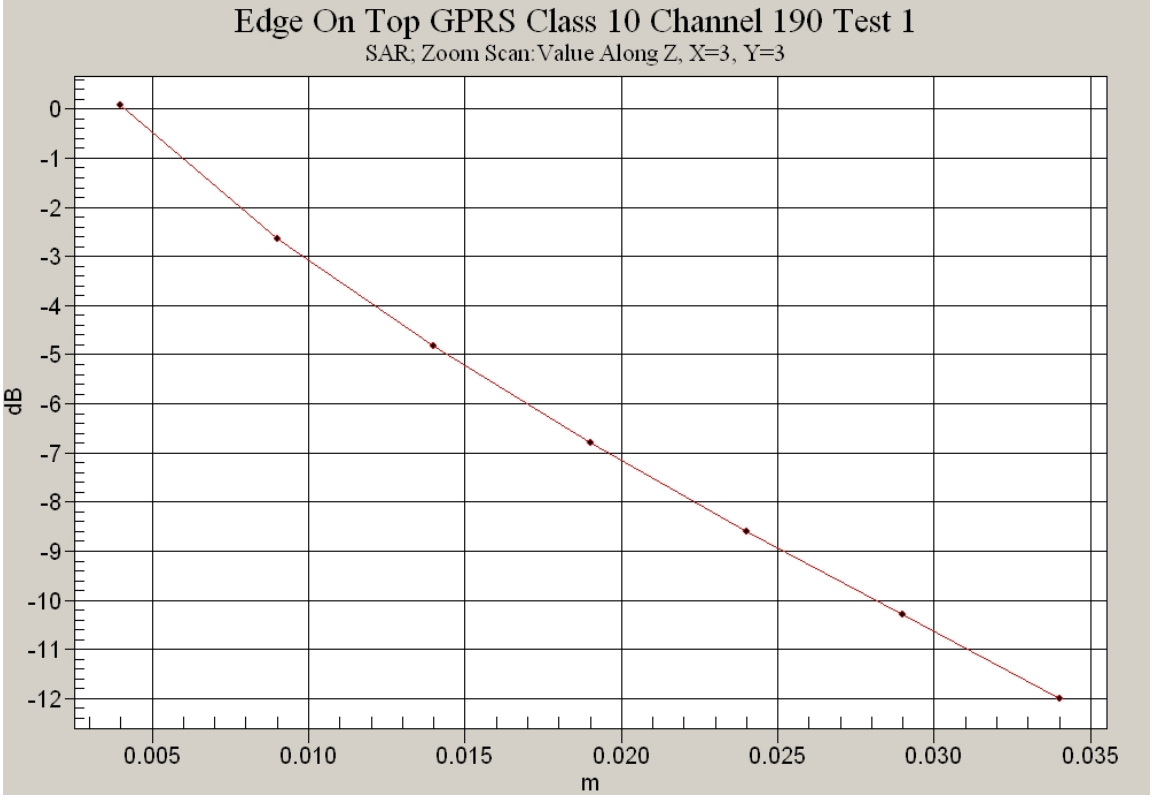


0 dB = 0.234mW/g

SAR MEASUREMENT PLOT 6

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**





Test Date: 25 November 2007
File Name: Edge On Right 850 MHz EGPRS Class 10 Champlain 25-11-07.da4
DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

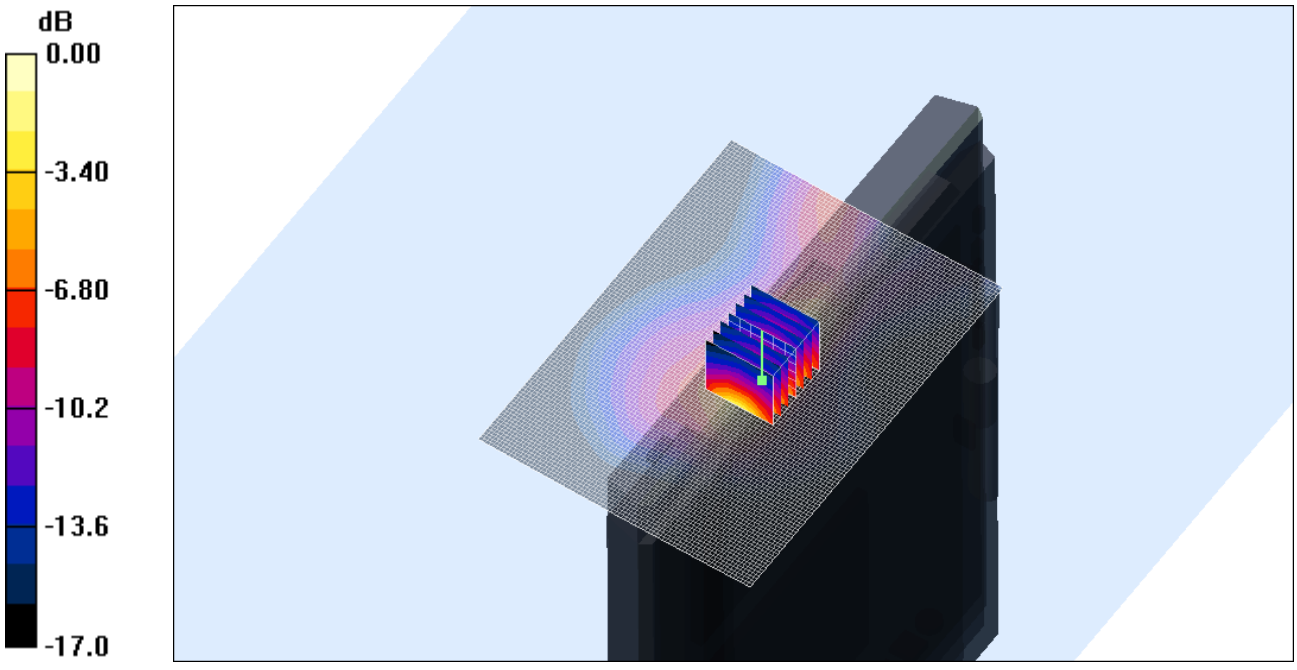
* Communication System: 850MHz 1900 MHz EGPRS Class 10; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.966506 mho/m, ε_r = 53.6666; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 251 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.304 mW/g

Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.382 mW/g



0 dB = 0.382mW/g

SAR MEASUREMENT PLOT 7

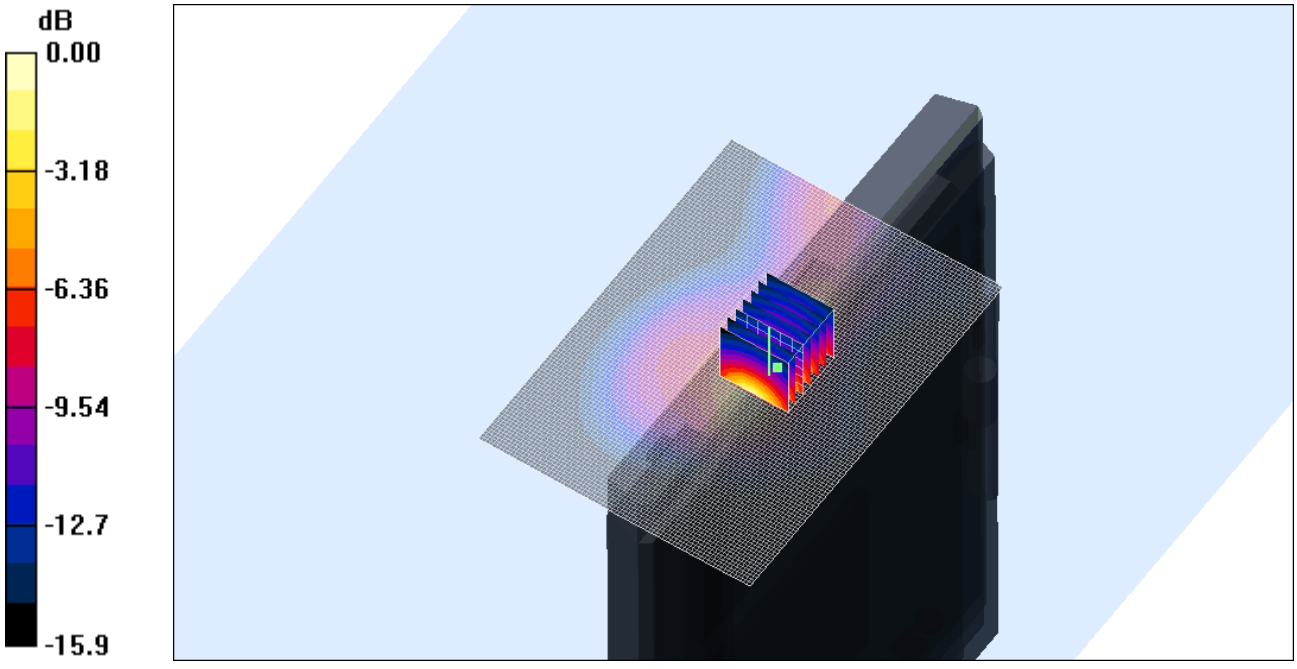
Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007
File Name: Edge On Right 850 MHz GPRS Class 11 Champlain 25-11-07.da4
DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 11; Frequency: 836.6 MHz; Duty Cycle: 1:3.1125
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.618 mW/g

Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.728 mW/g



0 dB = 0.728mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007

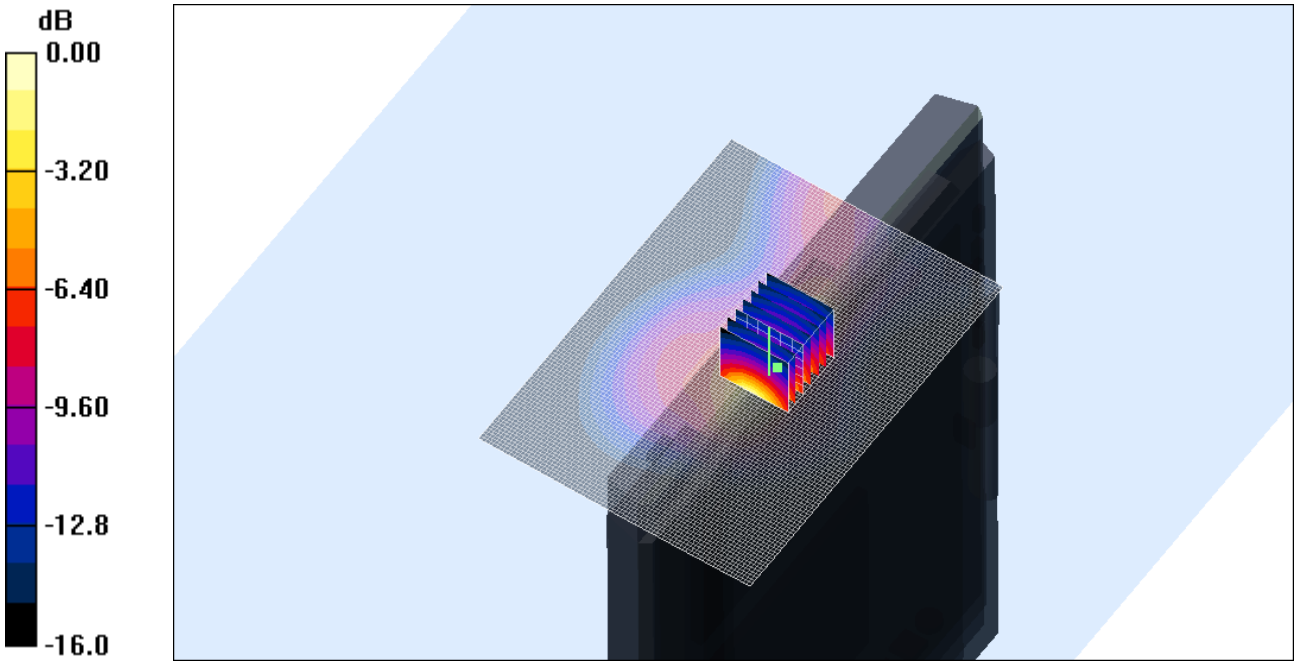
File Name: Edge On Right 850 MHz GPRS Class 12 Champlain 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 11; Frequency: 836.6 MHz; Duty Cycle: 1:3.1125
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.432 mW/g

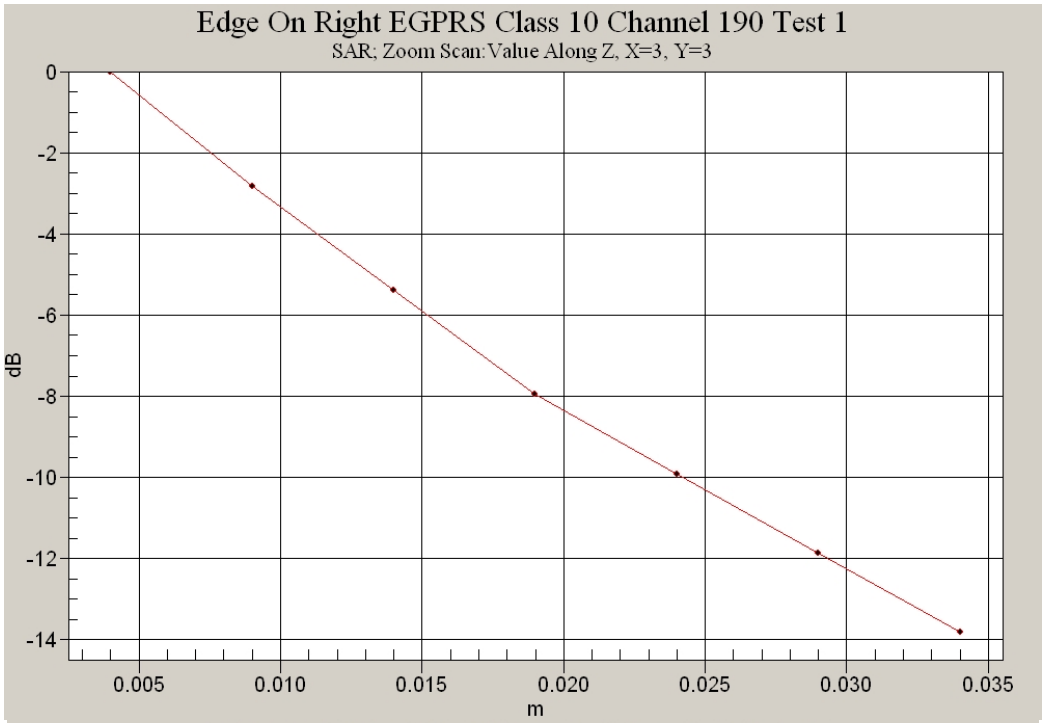
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.508 mW/g

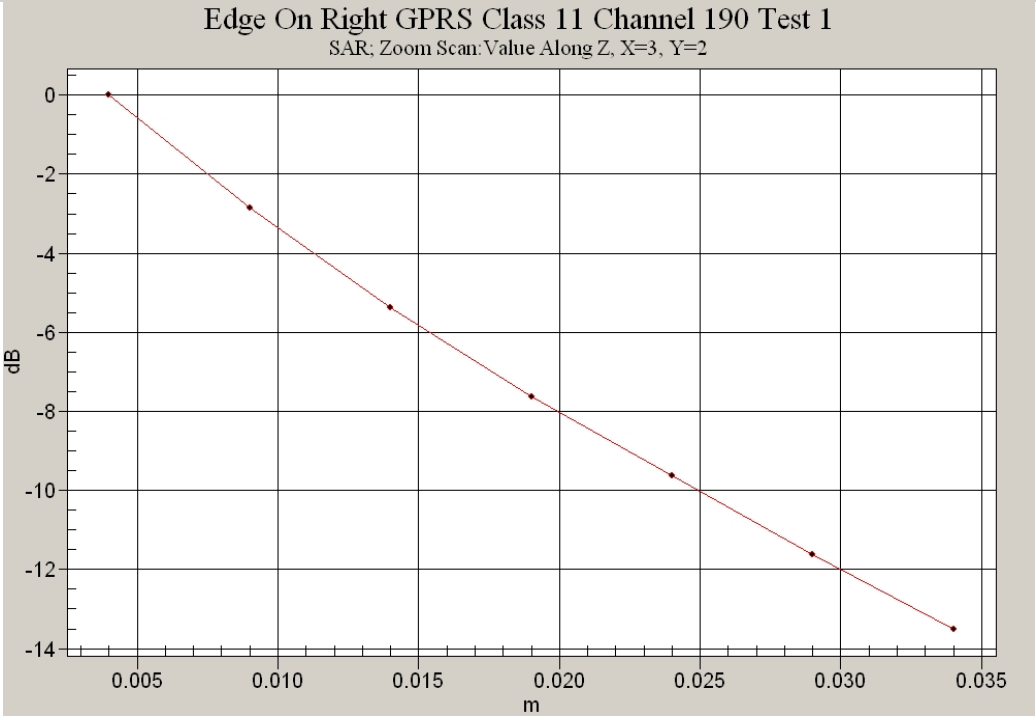


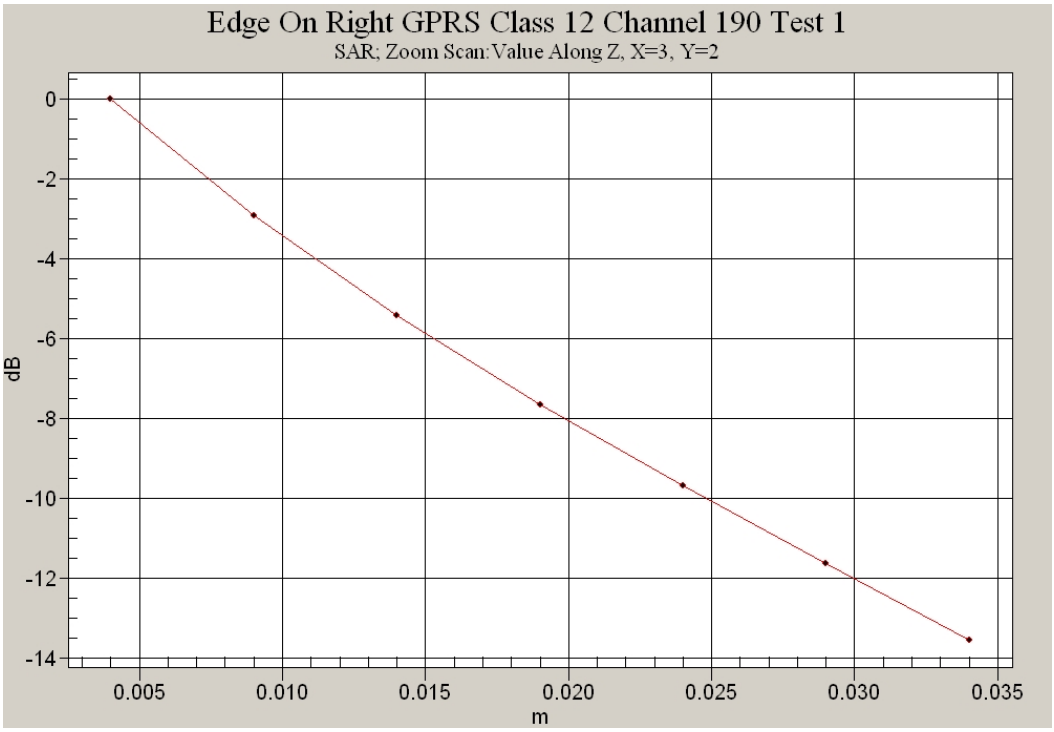
0 dB = 0.508mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**





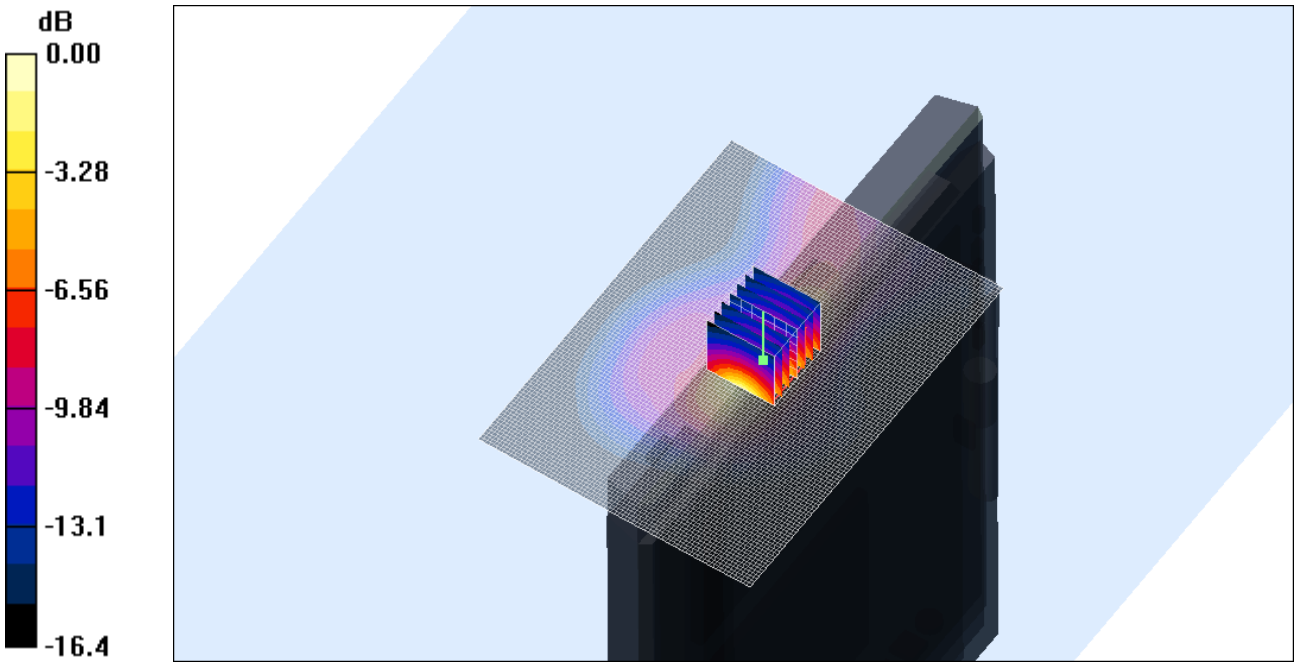


Test Date: 25 November 2007
File Name: Edge On Right 850 MHz GPRS Class 10 Champlain 25-11-07.da4
DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.94734 mho/m, ε_r = 54.2131; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 128 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.704 mW/g

Channel 128 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.5 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.900 mW/g



0 dB = 0.900mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007

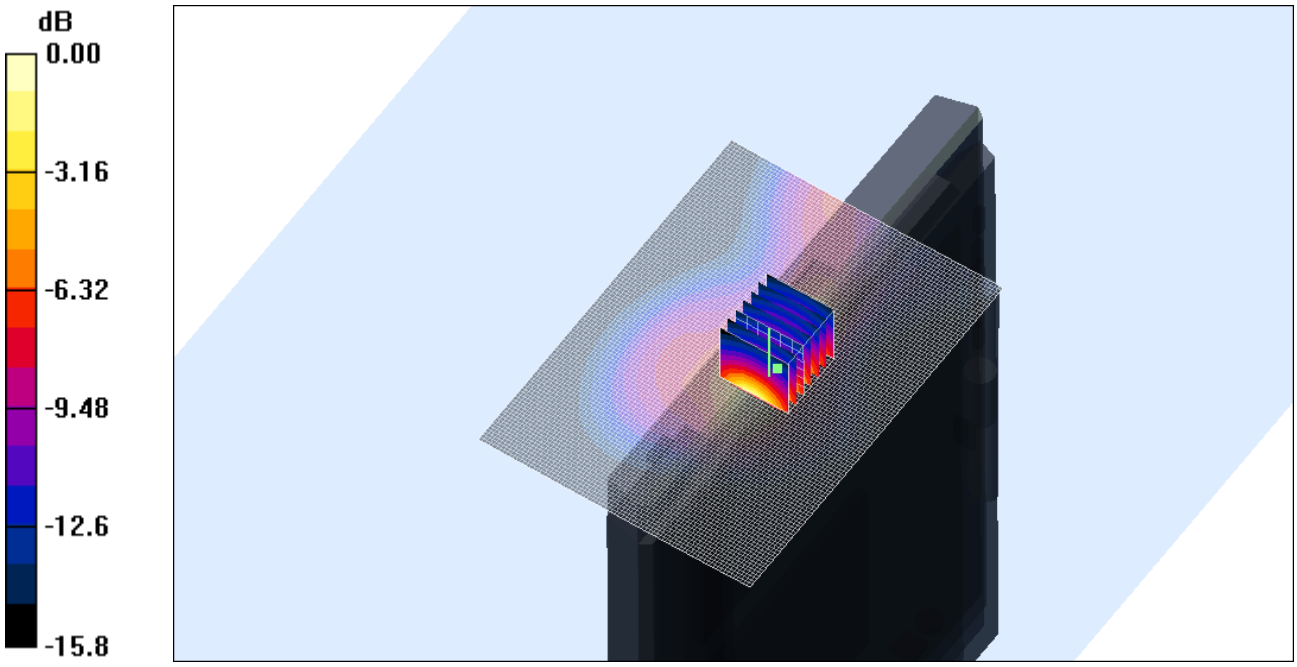
File Name: Edge On Right 850 MHz GPRS Class 10 Champlain 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.957863 mho/m, ε_r = 53.9342; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 190 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.779 mW/g

Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.898 mW/g



0 dB = 0.898mW/g

SAR MEASUREMENT PLOT 11

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**

Test Date: 25 November 2007
File Name: Edge On Right 850 MHz GPRS Class 10 Champlain 25-11-07.da4
DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

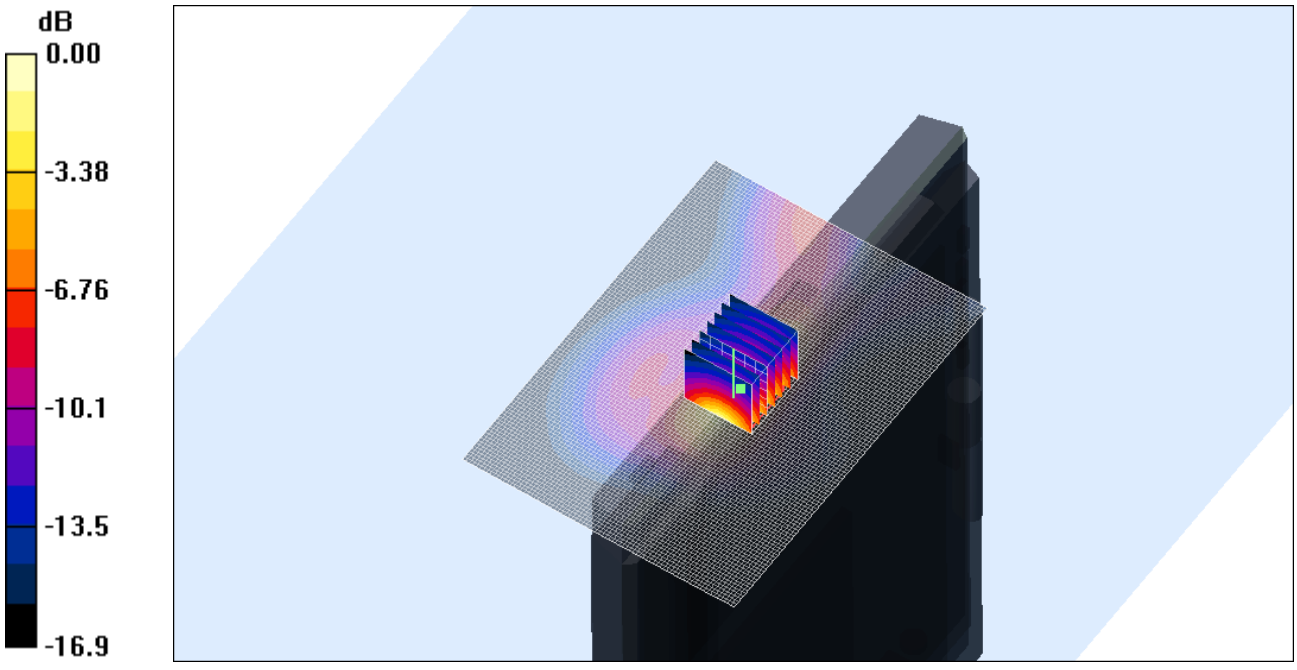
* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.966506 mho/m, ε_r = 53.6666; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 251 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.866 mW/g

Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

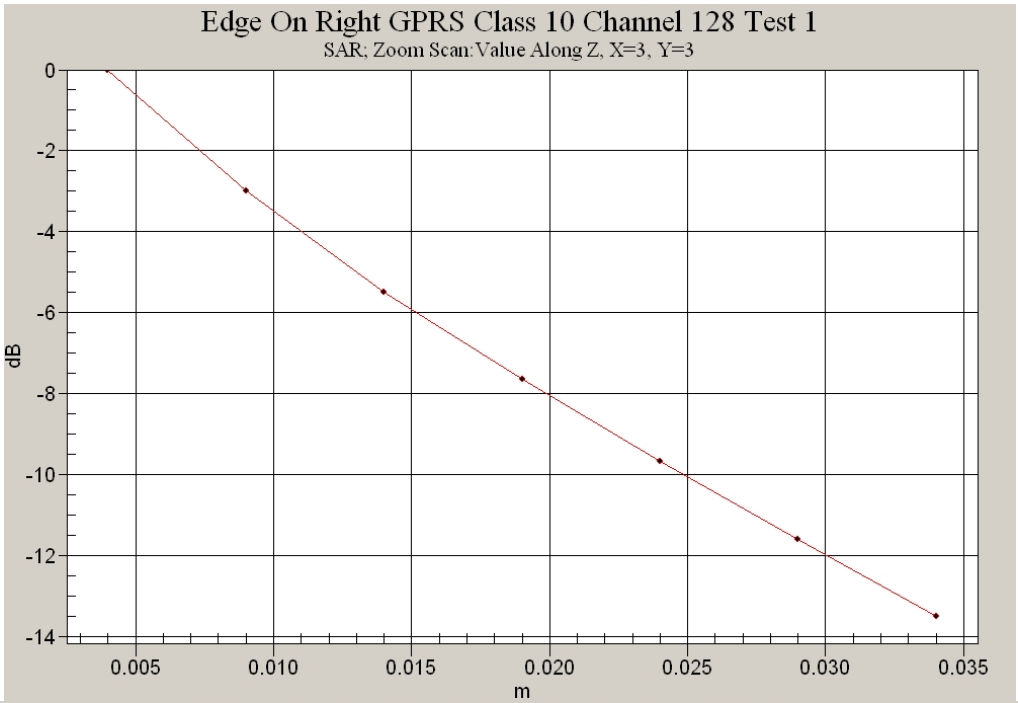
Reference Value = 27.6 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

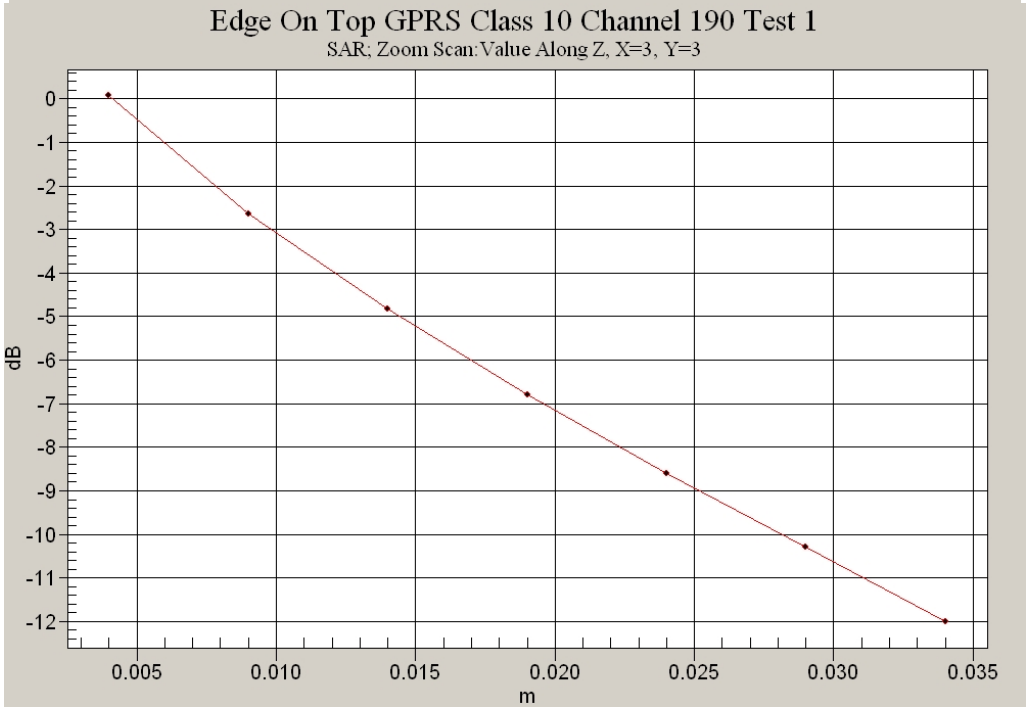


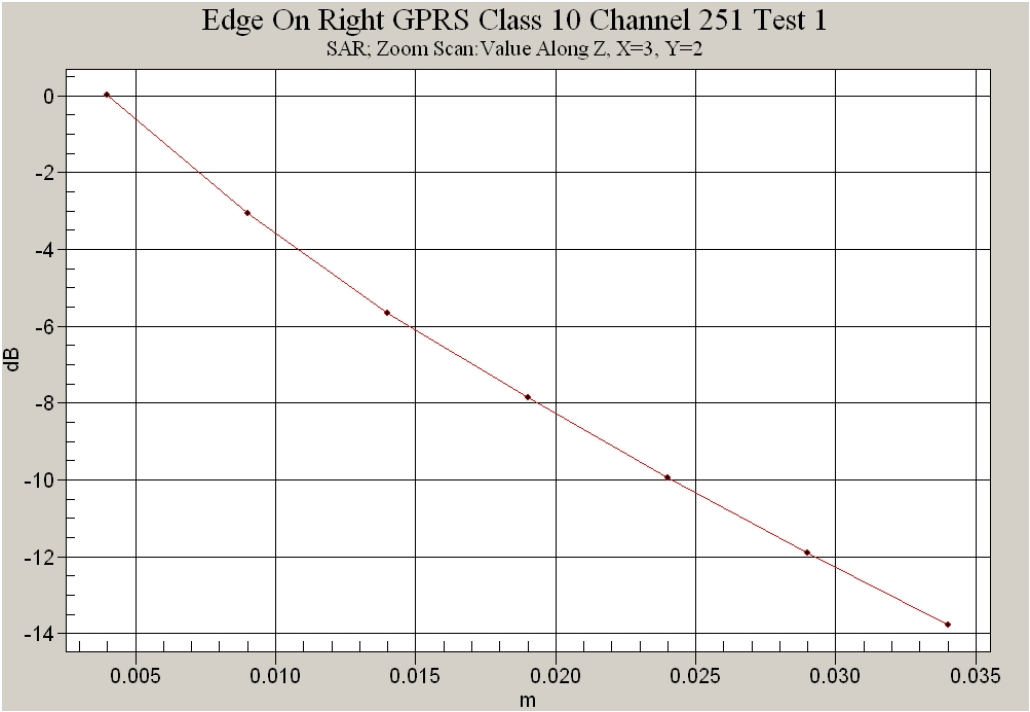
0 dB = 1.11mW/g

SAR MEASUREMENT PLOT 12

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**







Test Date: 25 November 2007

File Name: Edge On Right 850 MHz GPRS Class 10 Champlain WiFi 25-11-07.da4

DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398

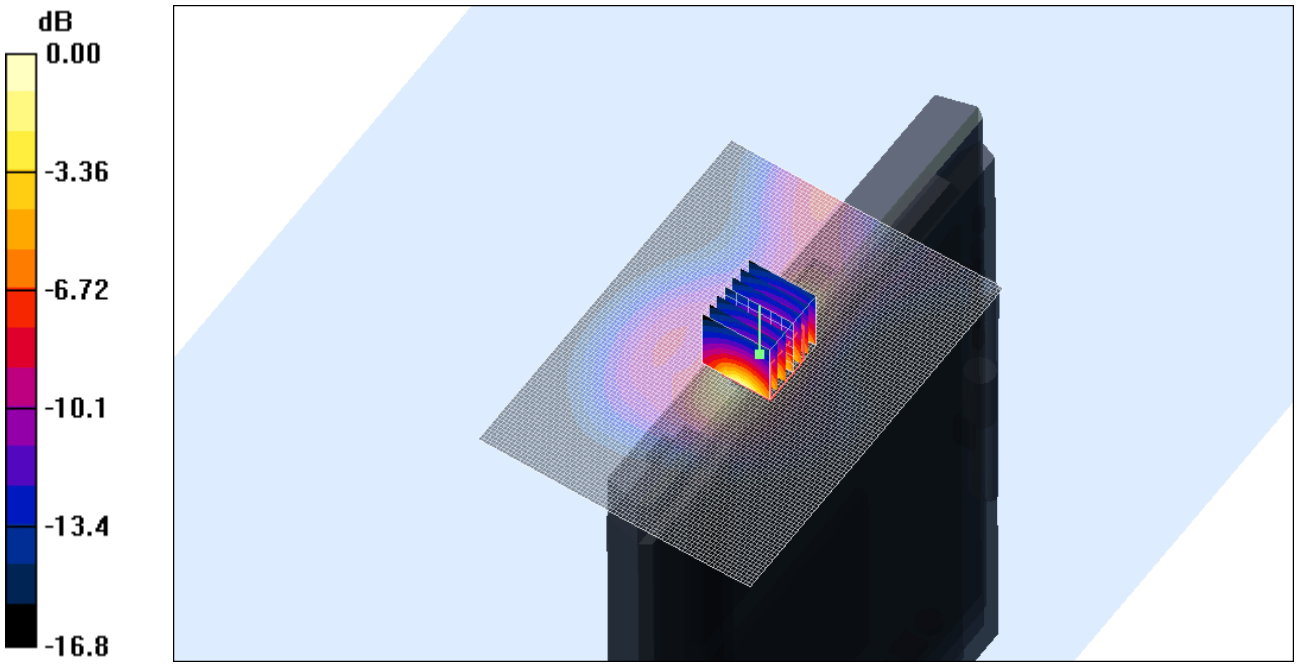
* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
* Medium parameters used: σ = 0.966506 mho/m, ε_r = 53.6666; ρ = 1000 kg/m^3
- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 251 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.964 mW/g

Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.4 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature	**21.6 Degrees Celsius**
Liquid Temperature	**20.8 Degrees Celsius**
Humidity	**56.0 %**