

Test Date: 29 November 2007

File Name: Edge On Right 1900 MHz GPRS Class 12 Champlain 29-11-07.da4

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

\* Communication System: 850MHz 1900 MHz GPRS Class 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

\* Medium parameters used:  $\sigma = 1.56892$  mho/m,  $\epsilon_r = 50.9238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.74, 4.74, 4.74)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 810 Test/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.847 mW/g

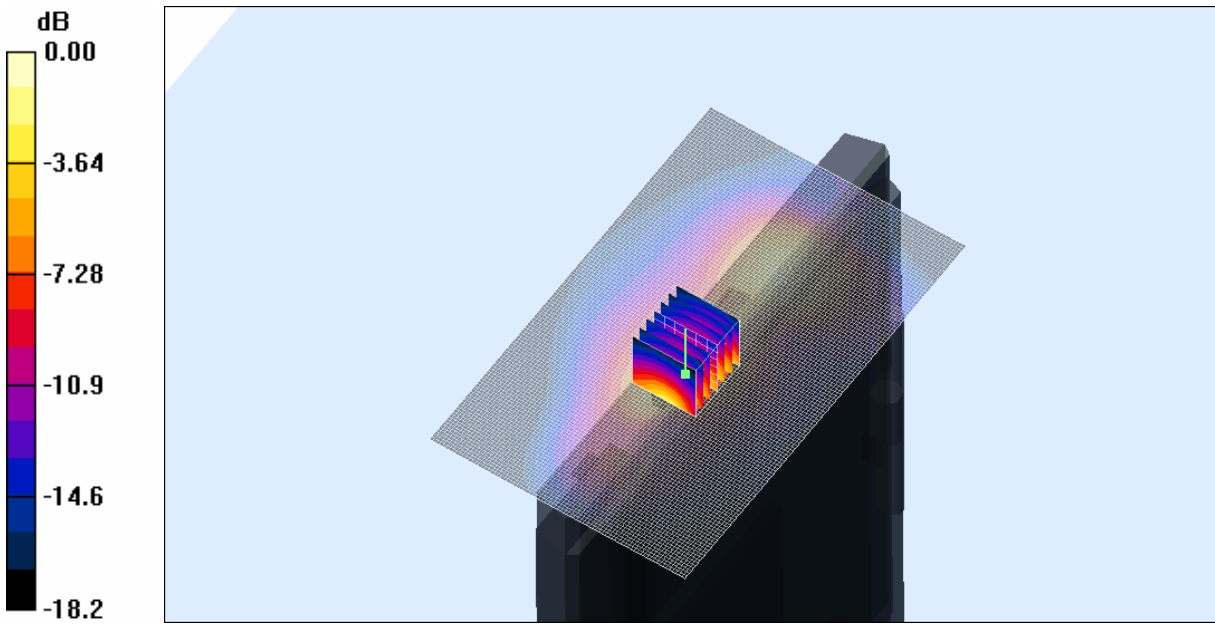
**Channel 810 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.479 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

**SAR MEASUREMENT PLOT 24**

**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**21.7 Degrees Celsius**  
**21.1 Degrees Celsius**  
**62.0 %**



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File Name: Edge On Right 1900 MHz GPRS Class 12 Champlain WiFi On 29-11-07.da4

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

\* Communication System: 850MHz 1900 MHz GPRS Class 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

\* Medium parameters used:  $\sigma = 1.56892$  mho/m,  $\epsilon_r = 50.9238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(4.74, 4.74, 4.74)

- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

**Channel 810 Test/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.824 mW/g

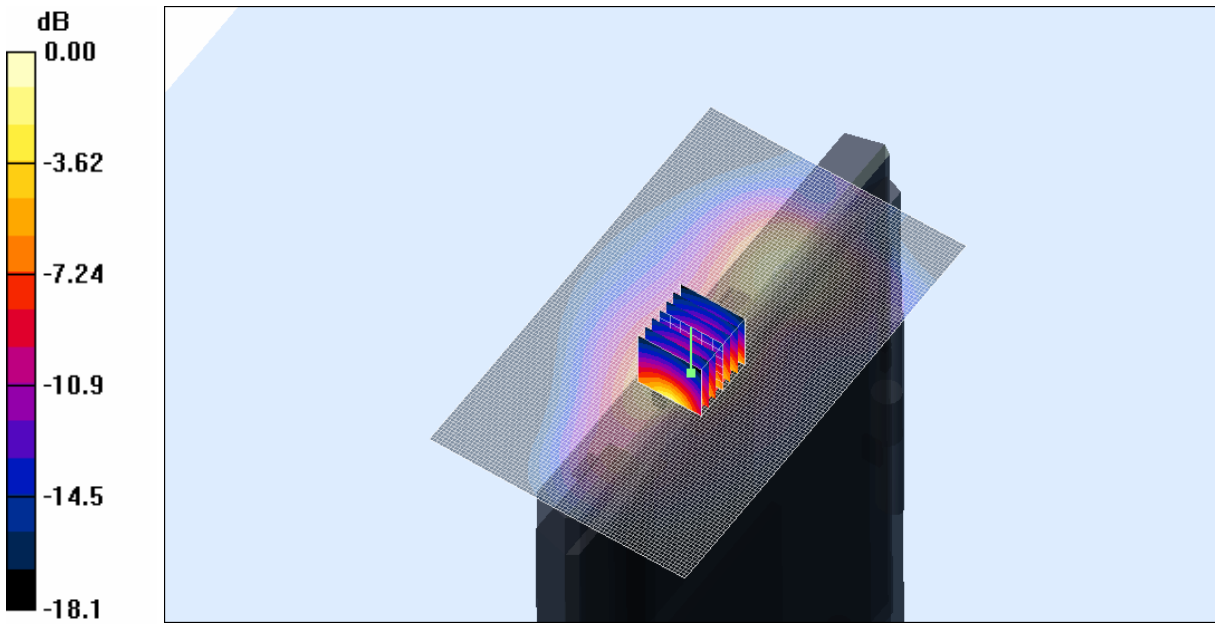
**Channel 810 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



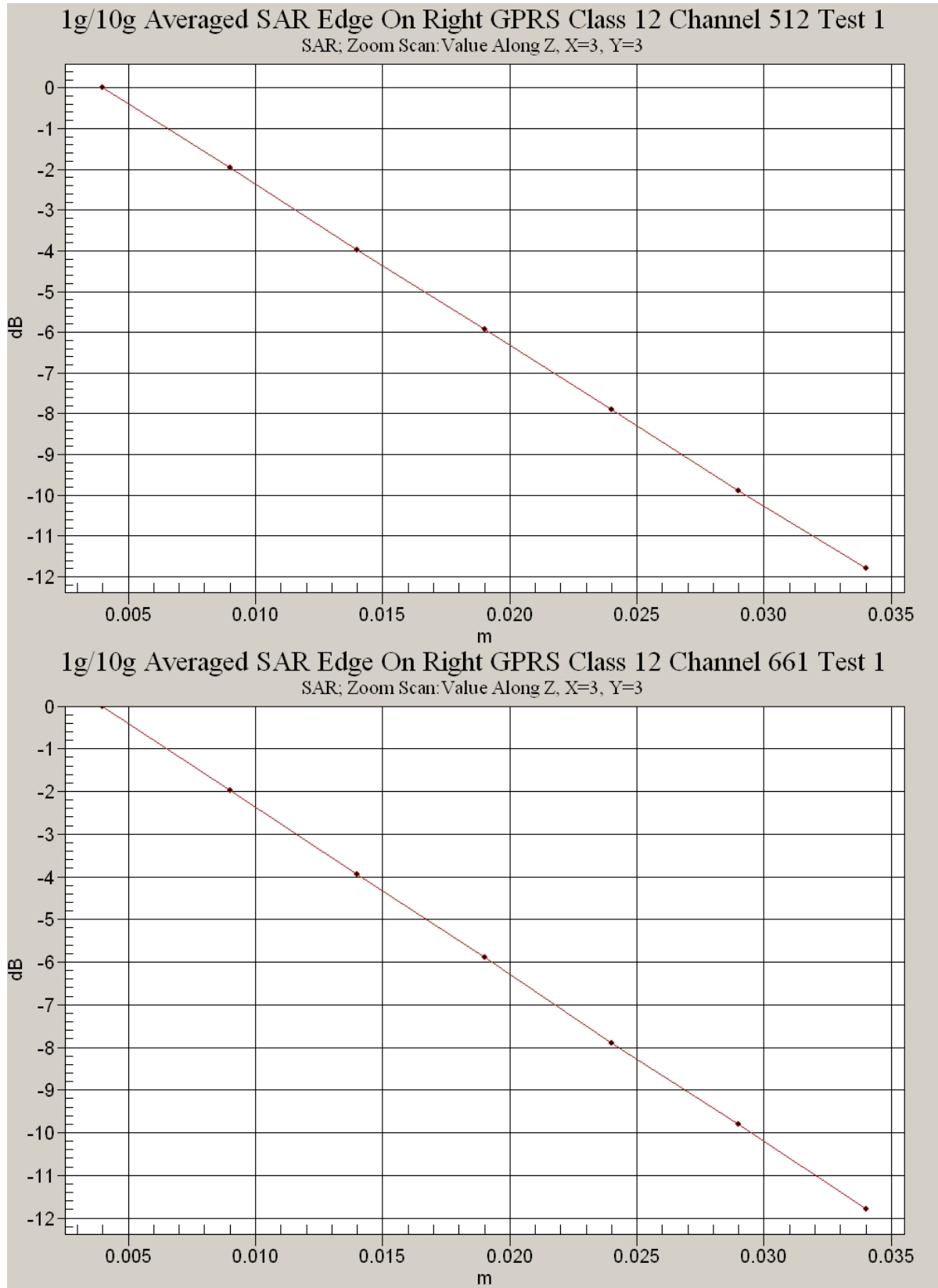
0 dB = 1.10mW/g

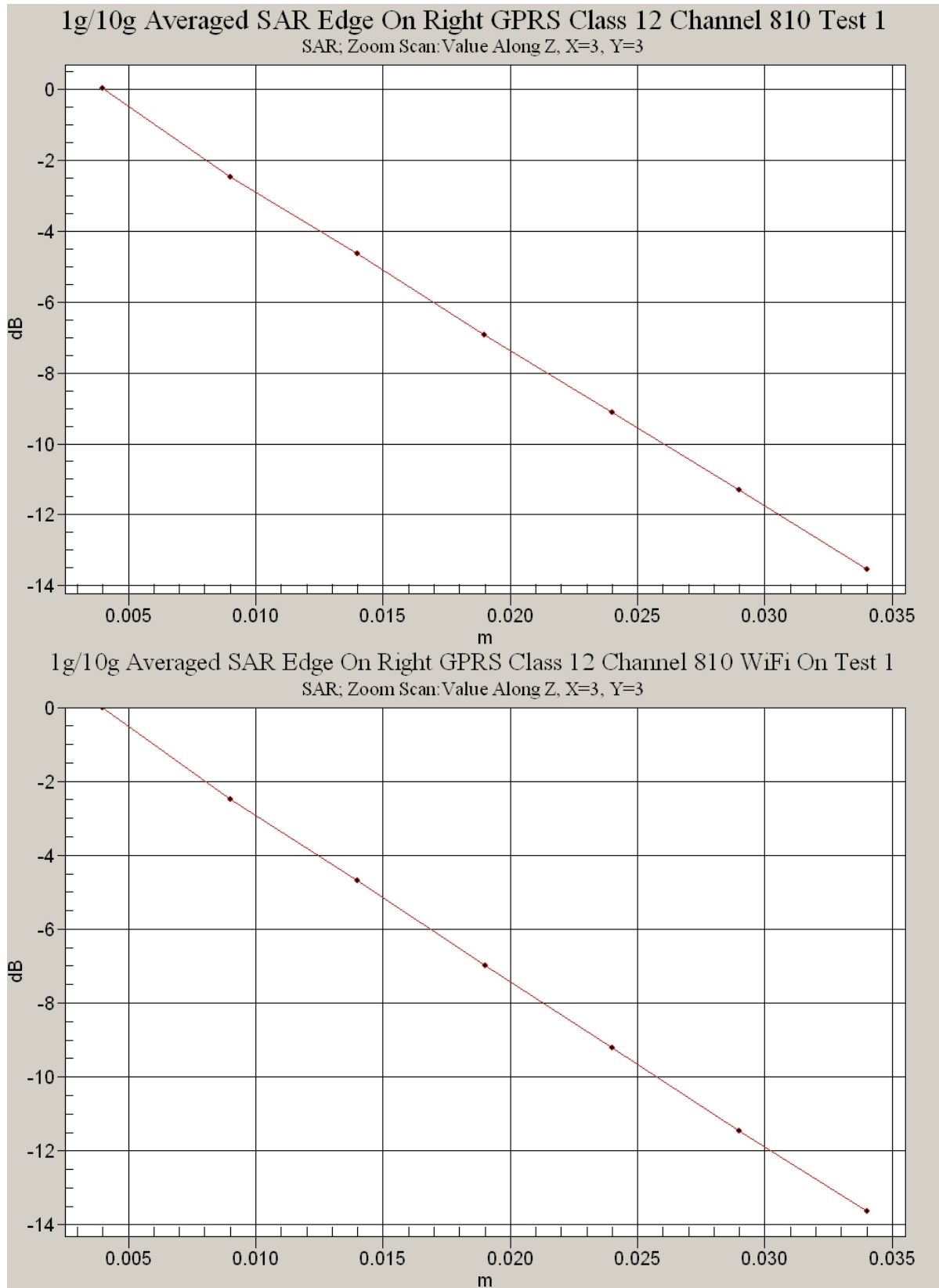
**SAR MEASUREMENT PLOT 25**

Ambient Temperature  
Liquid Temperature  
Humidity

21.7 Degrees Celsius  
21.1 Degrees Celsius  
62.0 %







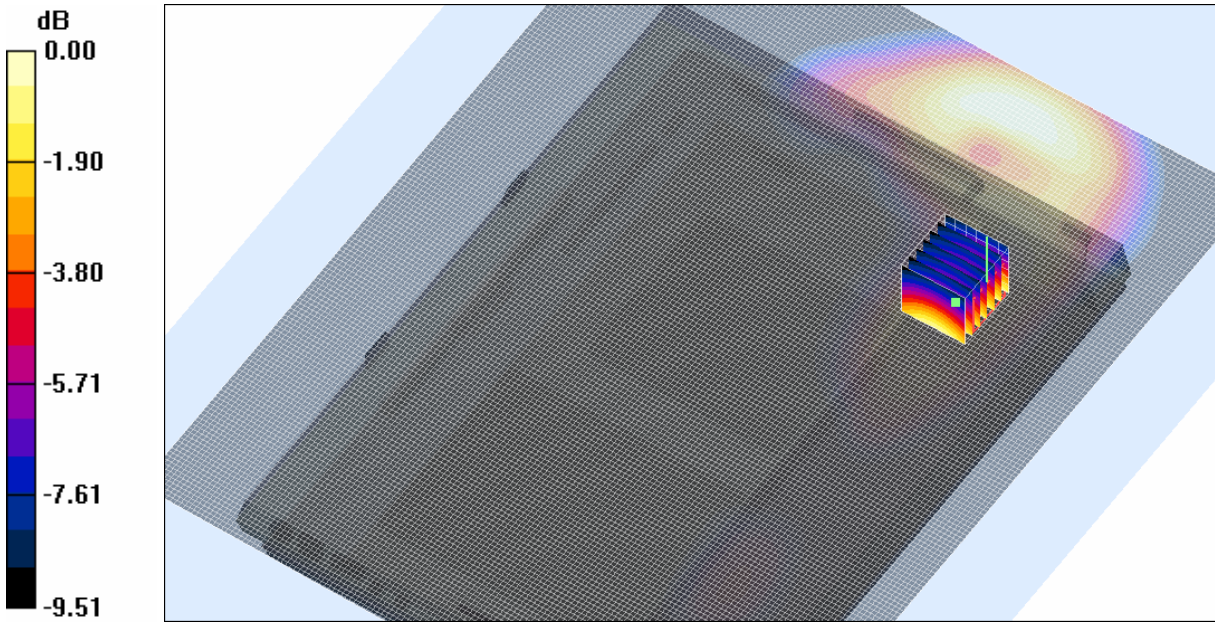
Test Date: 27 November 2007

File Name: Tablet 850 MHz UMTS Champlain Prescan 27-11-07.da4

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

- \* Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1
- \* Medium parameters used:  $\sigma = 0.956357$  mho/m,  $\epsilon_r = 53.0302$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- 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 4183 Test/Area Scan (141x181x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.101 mW/g



0 dB = 0.100mW/g

**SAR MEASUREMENT PLOT 26**

Ambient Temperature  
 Liquid Temperature  
 Humidity

21.6 Degrees Celsius  
 20.9 Degrees Celsius  
 53.0 %



**Test Date: 27 November 2007**

File Name: Edge On Top 850 MHz UMTS Champlain Prescan 27-11-07.da4

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

\* Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1

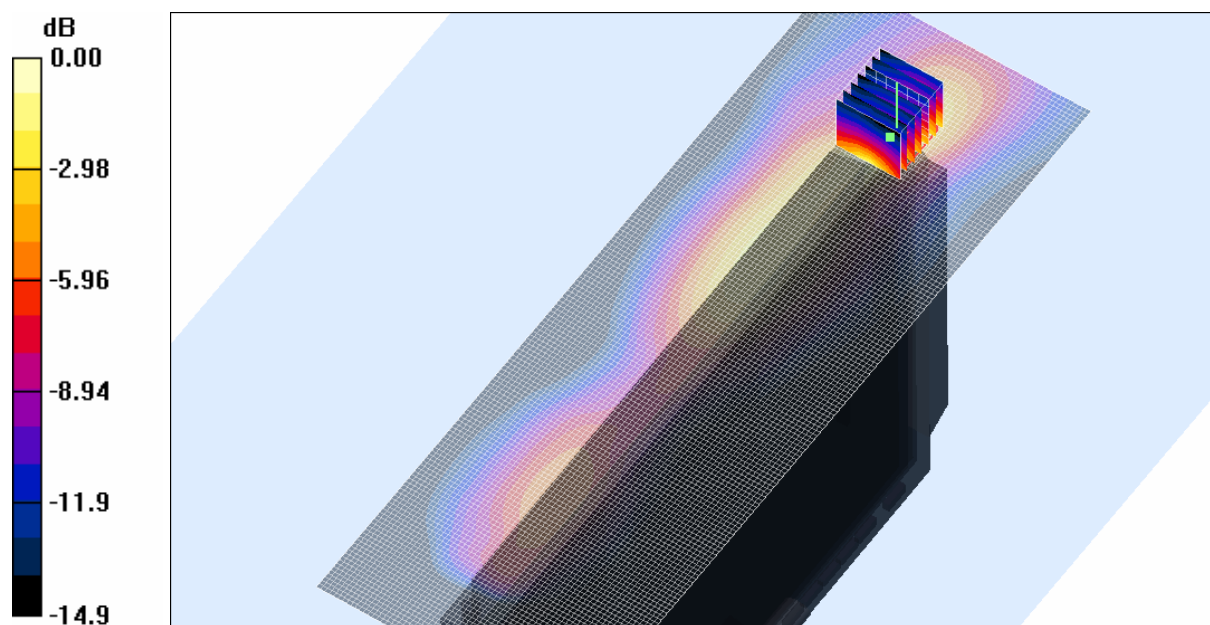
\* Medium parameters used:  $\sigma = 0.956357$  mho/m,  $\epsilon_r = 53.0302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- 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 4183 Test 2/Area Scan (61x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.046 mW/g



0 dB = 0.051mW/g

**SAR MEASUREMENT PLOT 27**

**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**21.6 Degrees Celsius**  
**20.9 Degrees Celsius**  
**53.0 %**



**Test Date: 27 November 2007**

File Name: Edge On Right 850 MHz UMTS Champlain Prescan 27-11-07.da4

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

\* Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1

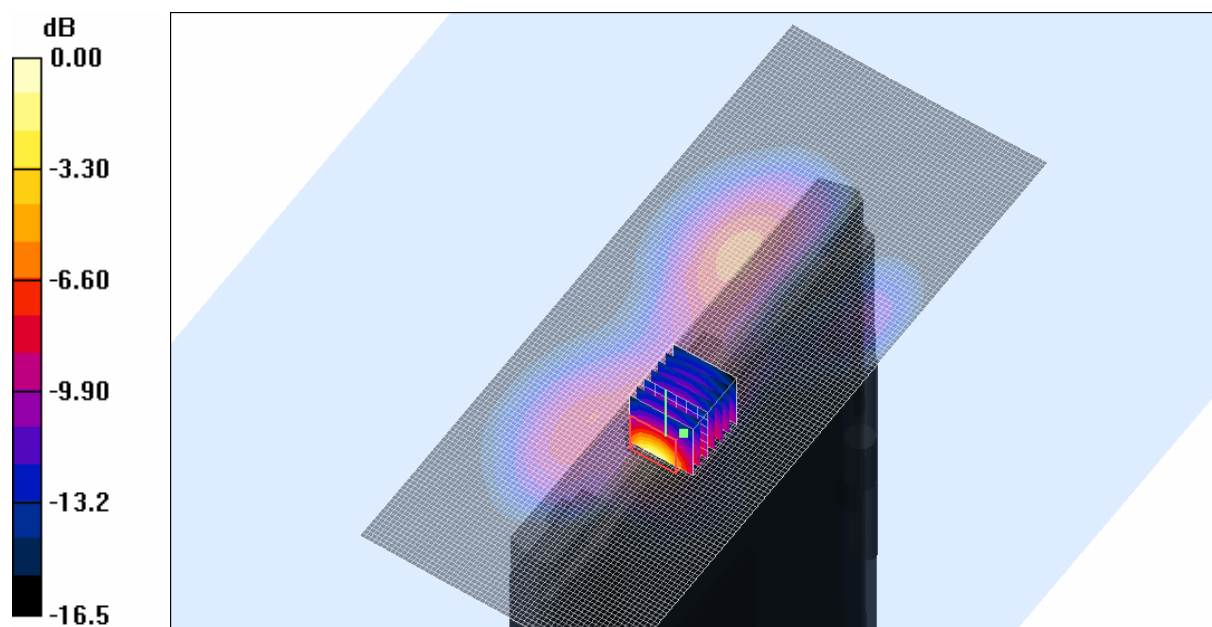
\* Medium parameters used:  $\sigma = 0.956357$  mho/m,  $\epsilon_r = 53.0302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- 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 4183 Test/Area Scan (61x151x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.216 mW/g



0 dB = 0.461mW/g

**SAR MEASUREMENT PLOT 28**

**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**21.6 Degrees Celsius**  
**20.9 Degrees Celsius**  
**53.0 %**



**Test Date: 27 November 2007**

File Name: Laps On 850 MHz UMTS Champlain Prescan 27-11-07.da4

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

\* Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1

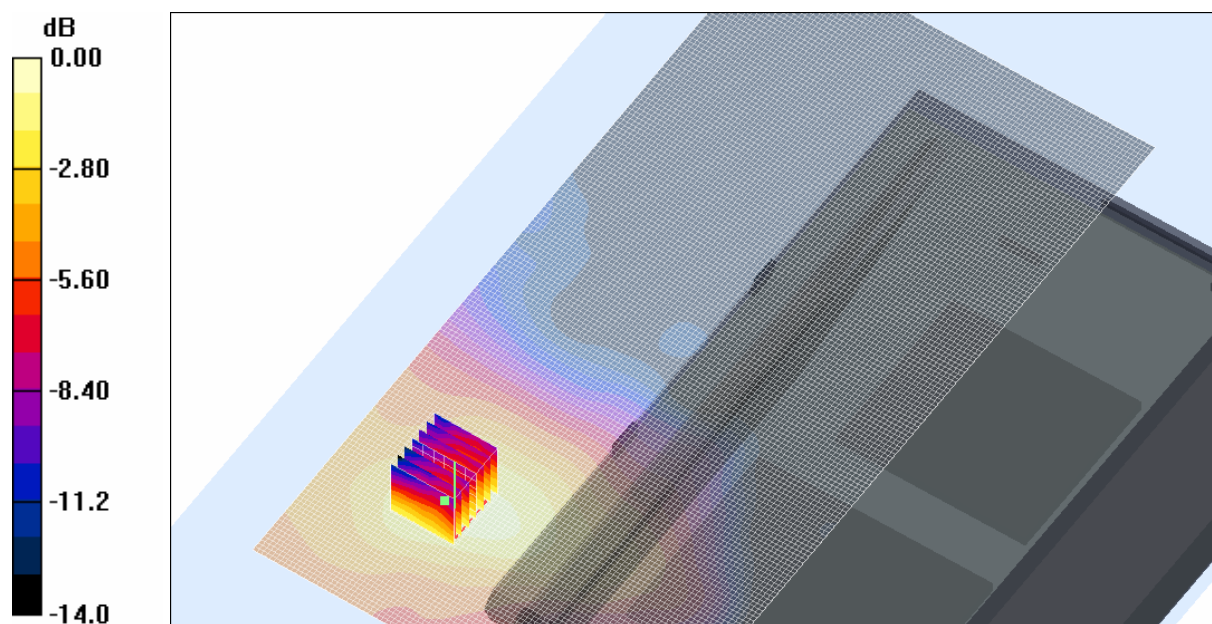
\* Medium parameters used:  $\sigma = 0.956357$  mho/m,  $\epsilon_r = 53.0302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- 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 4183 Test/Area Scan (91x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.01 mW/g



0 dB = 0.010mW/g

**SAR MEASUREMENT PLOT 29**

**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**21.6 Degrees Celsius**  
**20.9 Degrees Celsius**  
**53.0 %**





Test Date: 27 November 2007

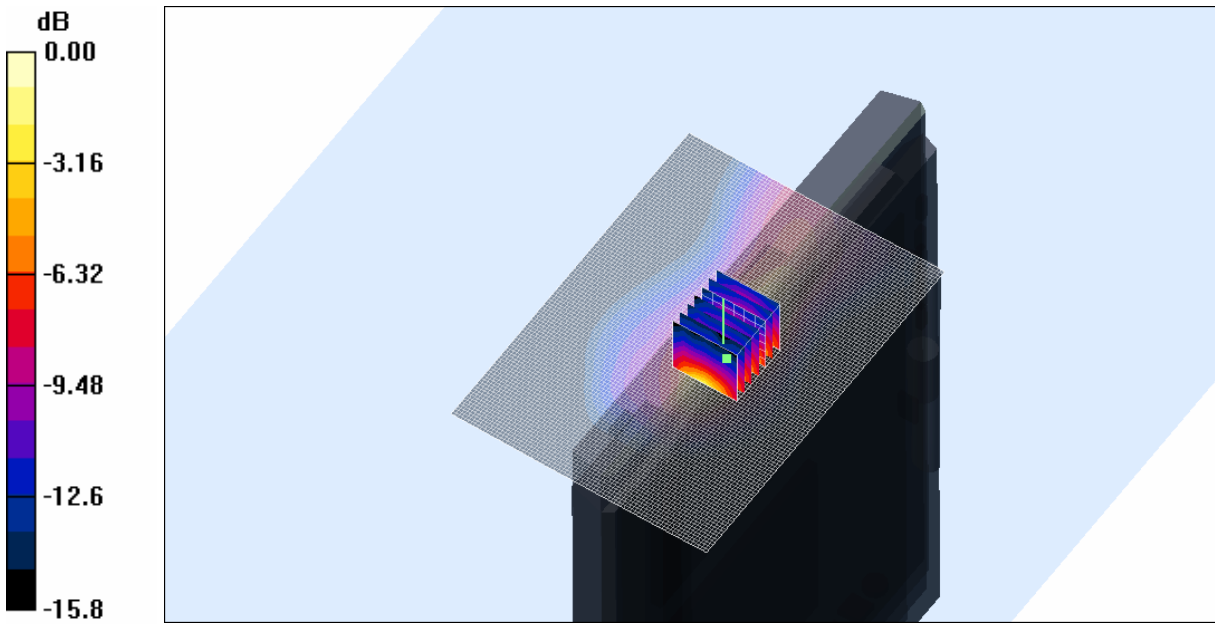
File Name: Edge On Right 850 MHz HSDPA Champlain 27-11-07.da4

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

- \* Communication System: 850 MHz 3G; Frequency: 826.4 MHz; Duty Cycle: 1:1
- \* Medium parameters used:  $\sigma = 0.938416$  mho/m,  $\epsilon_r = 53.1859$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- 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 4132 Test/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.490 mW/g

**Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 15.5 V/m; Power Drift = -0.373 dB  
 Peak SAR (extrapolated) = 1.10 W/kg  
**SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.255 mW/g**  
 Maximum value of SAR (measured) = 0.572 mW/g



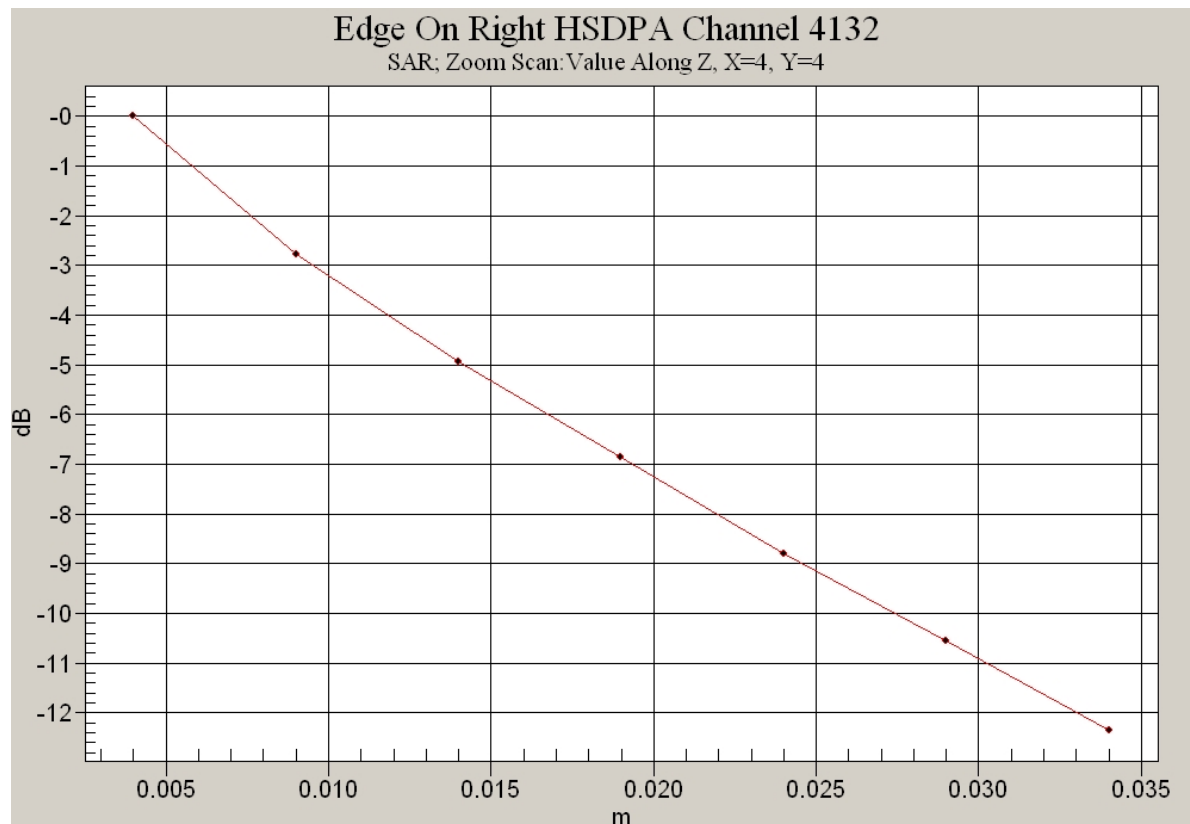
0 dB = 0.572mW/g

**SAR MEASUREMENT PLOT 30**

**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**21.6 Degrees Celsius**  
**20.9 Degrees Celsius**  
**53.0 %**





Test Date: 27 November 2007

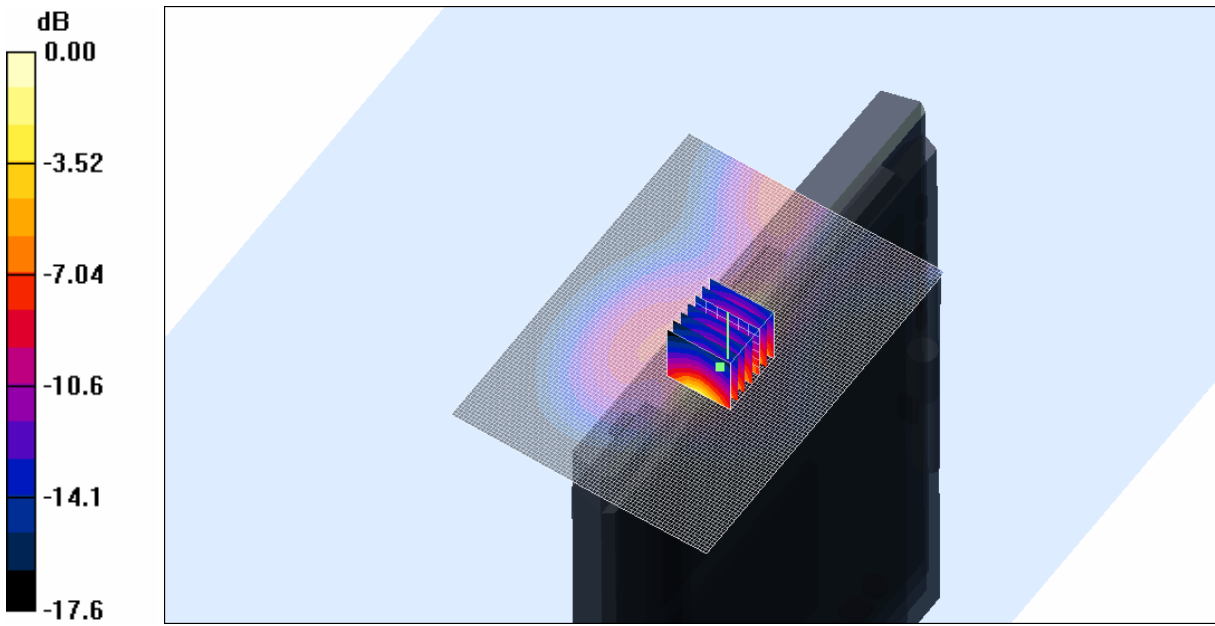
File Name: Edge On Right 850 MHz UMTS Champlain 27-11-07.da4

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

- \* Communication System: 850 MHz 3G; Frequency: 826.4 MHz; Duty Cycle: 1:1
- \* Medium parameters used:  $\sigma = 0.938416$  mho/m,  $\epsilon_r = 53.1859$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- 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 4132 Test/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.436 mW/g

**Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 12.8 V/m; Power Drift = 0.300 dB  
 Peak SAR (extrapolated) = 1.29 W/kg  
**SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.262 mW/g**  
 Maximum value of SAR (measured) = 0.623 mW/g



0 dB = 0.623mW/g

**SAR MEASUREMENT PLOT 31**

Ambient Temperature  
 Liquid Temperature  
 Humidity

21.6 Degrees Celsius  
 20.9 Degrees Celsius  
 53.0 %



Test Date: 27 November 2007

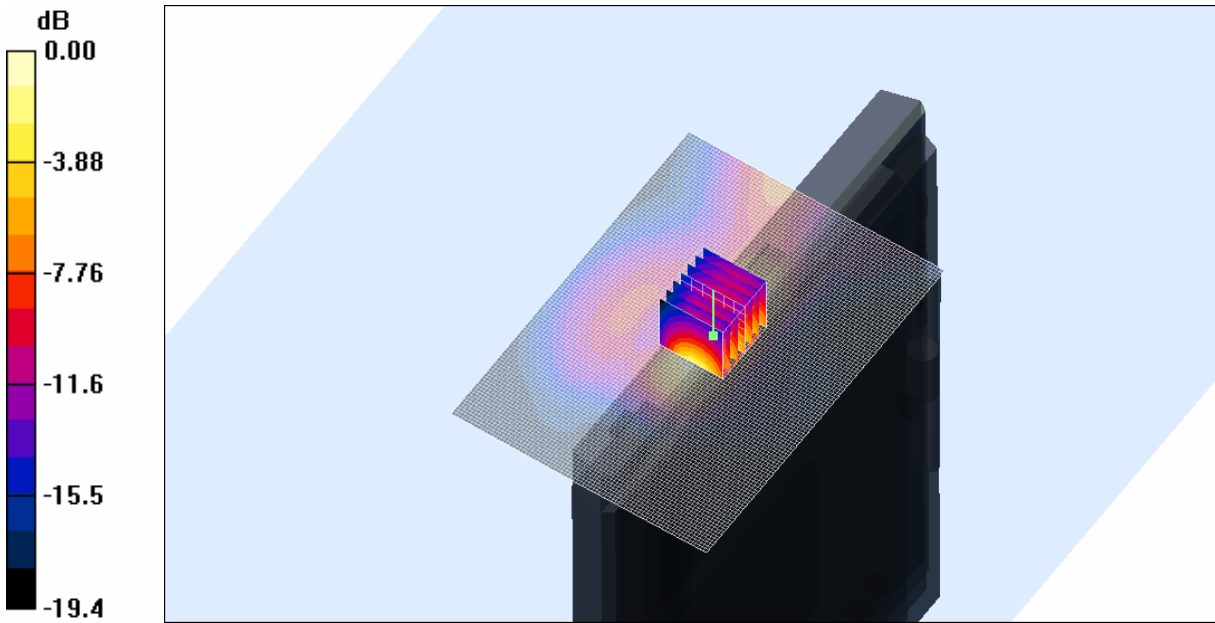
File Name: Edge On Right 850 MHz UMTS Champlain 27-11-07.da4

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

- \* Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1
- \* Medium parameters used:  $\sigma = 0.956357$  mho/m,  $\epsilon_r = 53.0302$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- 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 4183 Test 2/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.521 mW/g

**Channel 4183 Test 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 20.5 V/m; Power Drift = -0.024 dB  
 Peak SAR (extrapolated) = 0.837 W/kg  
**SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.195 mW/g**  
 Maximum value of SAR (measured) = 0.456 mW/g



0 dB = 0.456mW/g

**SAR MEASUREMENT PLOT 32**

**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**21.6 Degrees Celsius**  
**20.9 Degrees Celsius**  
**53.0 %**



Test Date: 27 November 2007

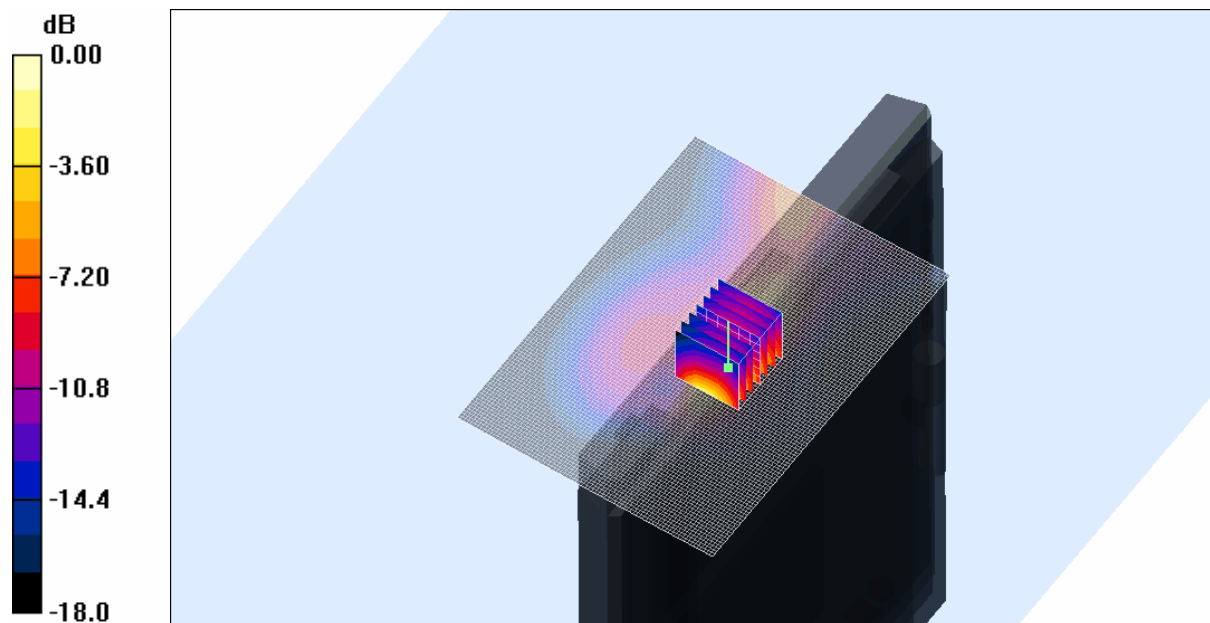
File Name: Edge On Right 850 MHz UMTS Champlain 27-11-07.da4

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

- \* Communication System: 850 MHz 3G; Frequency: 846.6 MHz; Duty Cycle: 1:1
- \* Medium parameters used:  $\sigma = 0.962376$  mho/m,  $\epsilon_r = 52.8886$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- 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 4233 Test/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.517 mW/g

**Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 13.6 V/m; Power Drift = 0.045 dB  
 Peak SAR (extrapolated) = 1.17 W/kg  
**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.259 mW/g**  
 Maximum value of SAR (measured) = 0.584 mW/g



0 dB = 0.584mW/g

**SAR MEASUREMENT PLOT 33**

Ambient Temperature  
 Liquid Temperature  
 Humidity

21.6 Degrees Celsius  
 20.9 Degrees Celsius  
 53.0 %



Test Date: 27 November 2007

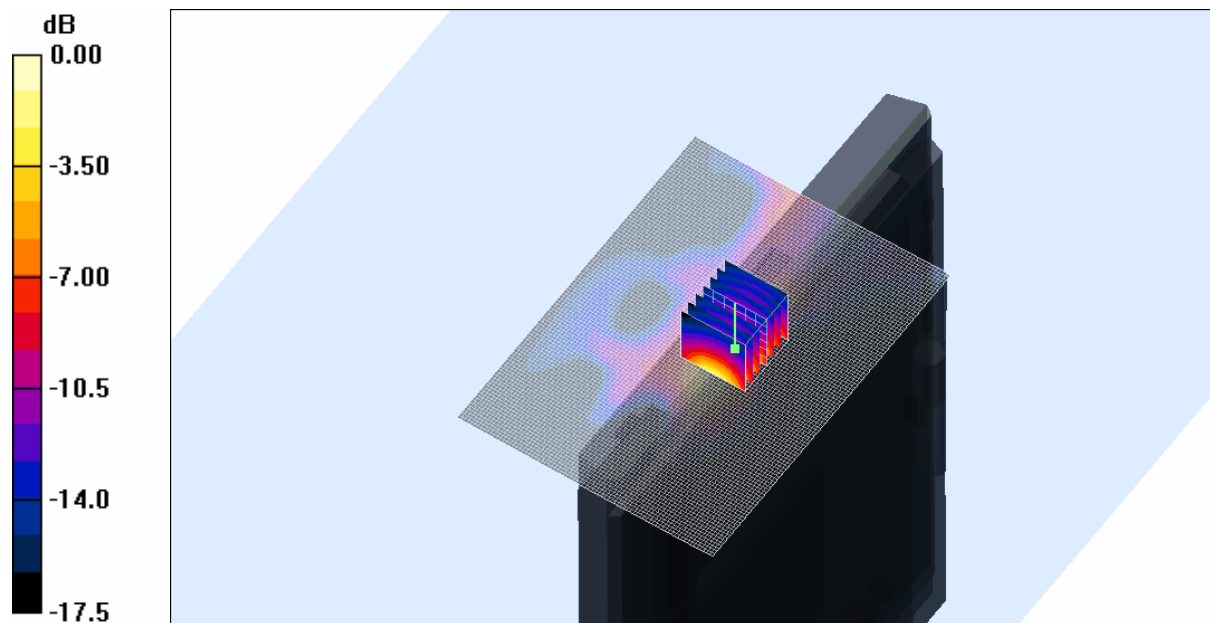
File Name: Edge On Right 850 MHz UMTS WiFi On Champlain 27-11-07.da4

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

- \* Communication System: 850 MHz 3G; Frequency: 826.4 MHz; Duty Cycle: 1:1
- \* Medium parameters used:  $\sigma = 0.938416$  mho/m,  $\epsilon_r = 53.1859$ ;  $\rho = 1000$  kg/m<sup>3</sup>
- 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 4132 Test 2 2/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.547 mW/g

**Channel 4132 Test 2 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 15.2 V/m; Power Drift = 0.343 dB  
 Peak SAR (extrapolated) = 1.28 W/kg  
**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.243 mW/g**  
 Maximum value of SAR (measured) = 0.630 mW/g



0 dB = 0.630mW/g

**SAR MEASUREMENT PLOT 34**

Ambient Temperature  
 Liquid Temperature  
 Humidity

21.6 Degrees Celsius  
 20.9 Degrees Celsius  
 53.0 %



