

Test Date: 29 November 2007

File Name: Edge On Right 850 MHz GPRS Class 10 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 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

\* Medium parameters used:  $\sigma = 0.970352$  mho/m,  $\epsilon_r = 53.1386$ ;  $\rho = 1000$  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 190 Test/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.661 mW/g

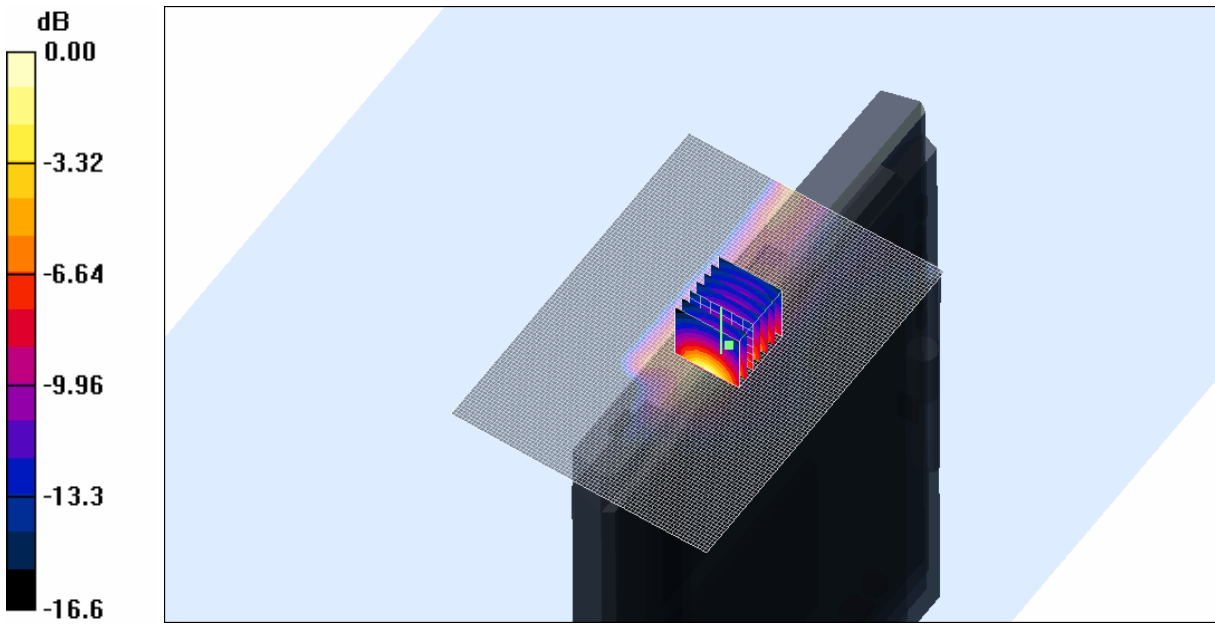
**Channel 190 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.305 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.381 mW/g**

Maximum value of SAR (measured) = 0.898 mW/g



0 dB = 0.898mW/g

**SAR MEASUREMENT PLOT 10**

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

**21.7 Degrees Celsius**  
**21.2 Degrees Celsius**  
**59.0 %**



Test Date: 29 November 2007

File Name: Edge On Right 850 MHz GPRS Class 10 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 10; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

\* Medium parameters used:  $\sigma = 0.98351$  mho/m,  $\epsilon_r = 53.0728$ ;  $\rho = 1000$  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 251 Test/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

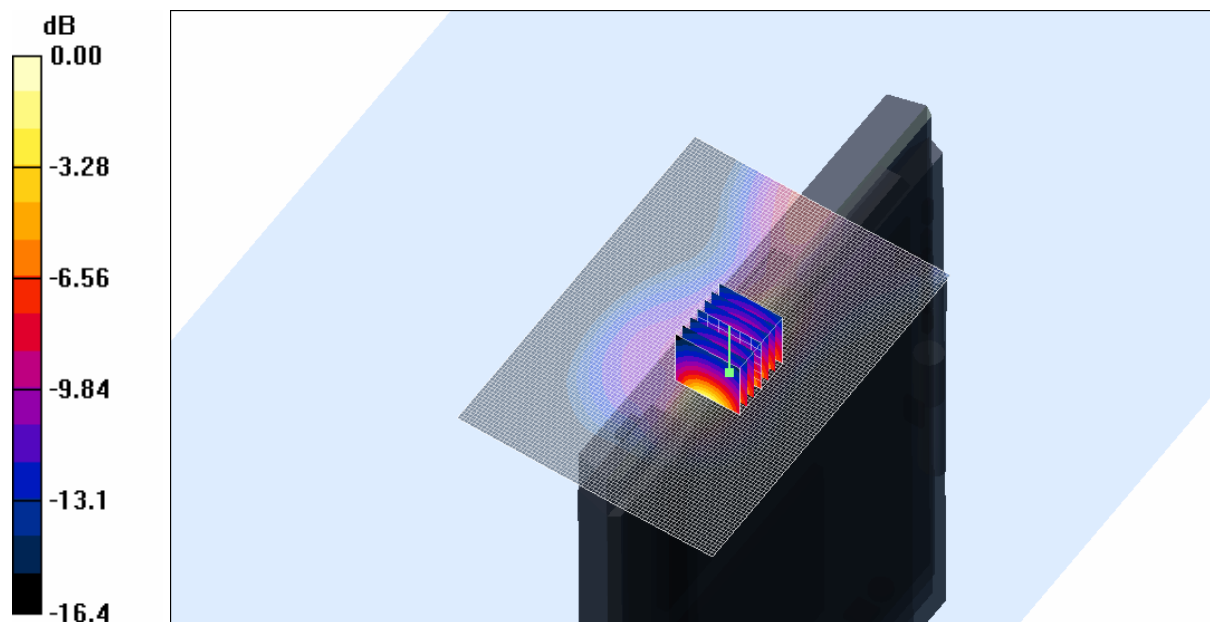
**Channel 251 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.493 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

**SAR MEASUREMENT PLOT 11**

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

**21.7 Degrees Celsius**  
**21.2 Degrees Celsius**  
**59.0 %**



Test Date: 29 November 2007

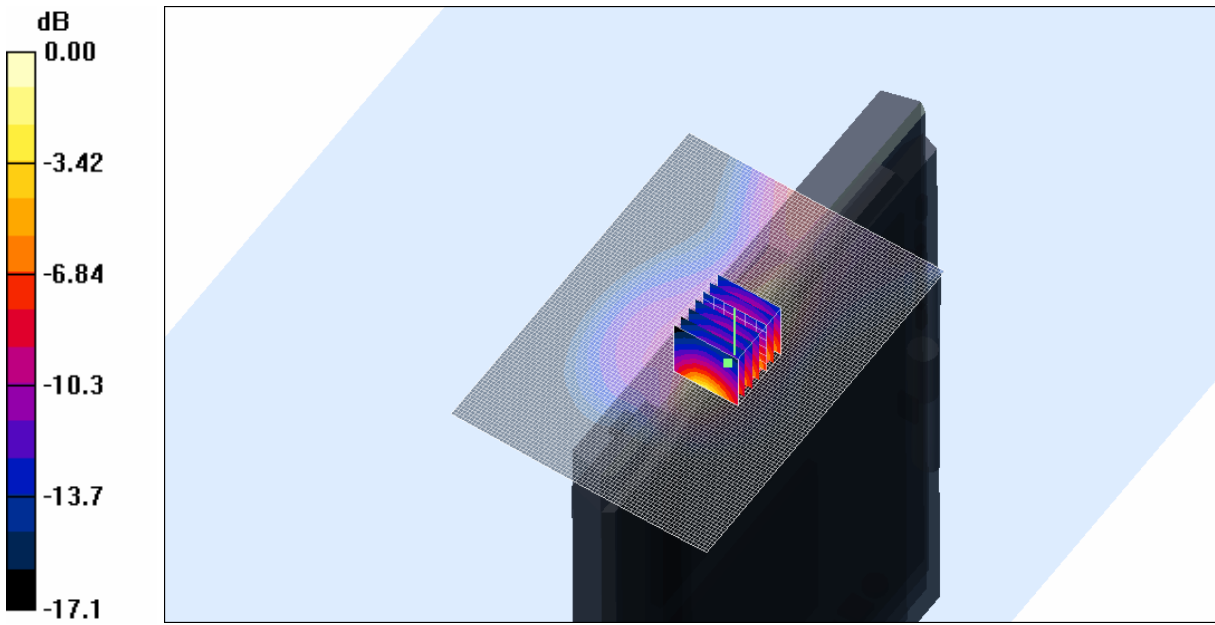
File Name: Edge On Right 850 MHz GPRS Class 10 Champlain WiFi On 29-11-07.da4

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

- \* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
- \* Medium parameters used:  $\sigma = 0.98351$  mho/m,  $\epsilon_r = 53.0728$ ;  $\rho = 1000$  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 251 Test/Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.04 mW/g

**Channel 251 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 15.1 V/m; Power Drift = -0.271 dB  
 Peak SAR (extrapolated) = 2.11 W/kg  
**SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.465 mW/g**  
 Maximum value of SAR (measured) = 1.09 mW/g

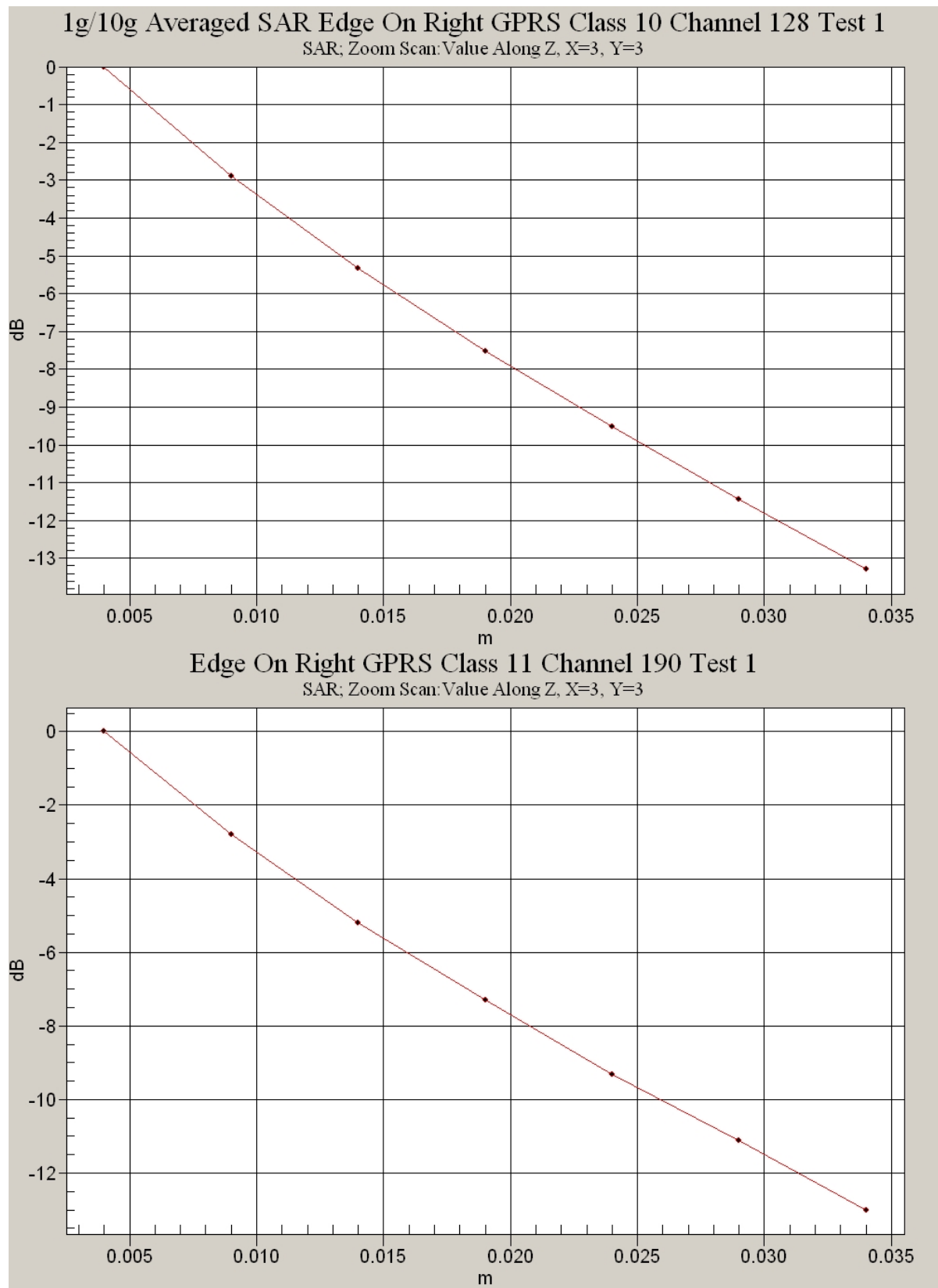


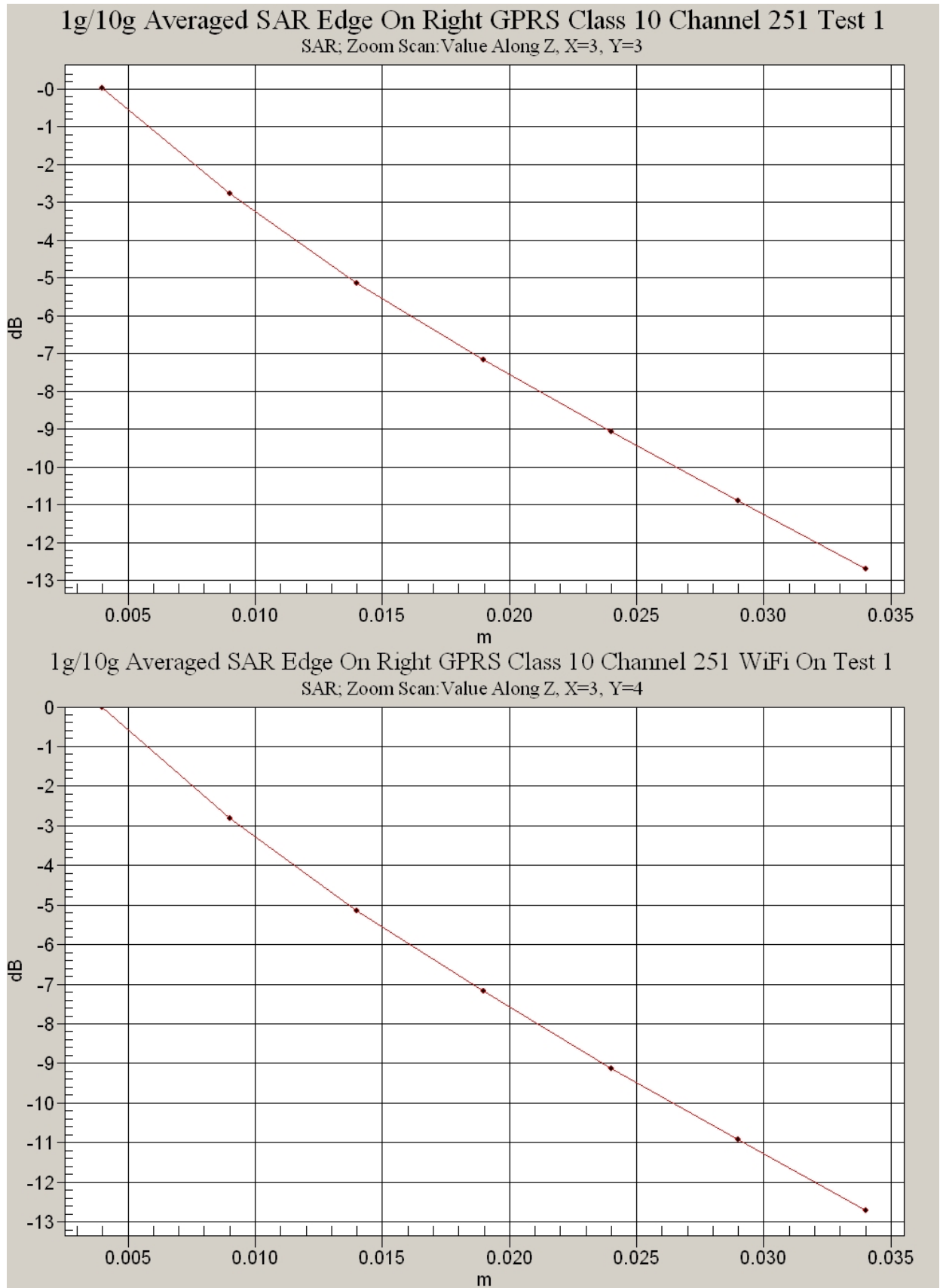
**SAR MEASUREMENT PLOT 12**

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

**21.7 Degrees Celsius**  
**21.2 Degrees Celsius**  
**59.0 %**











**Test Date: 29 November 2007**

File Name: Tablet 1900 MHz GPRS Class 10 Champlain Prescan 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 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15

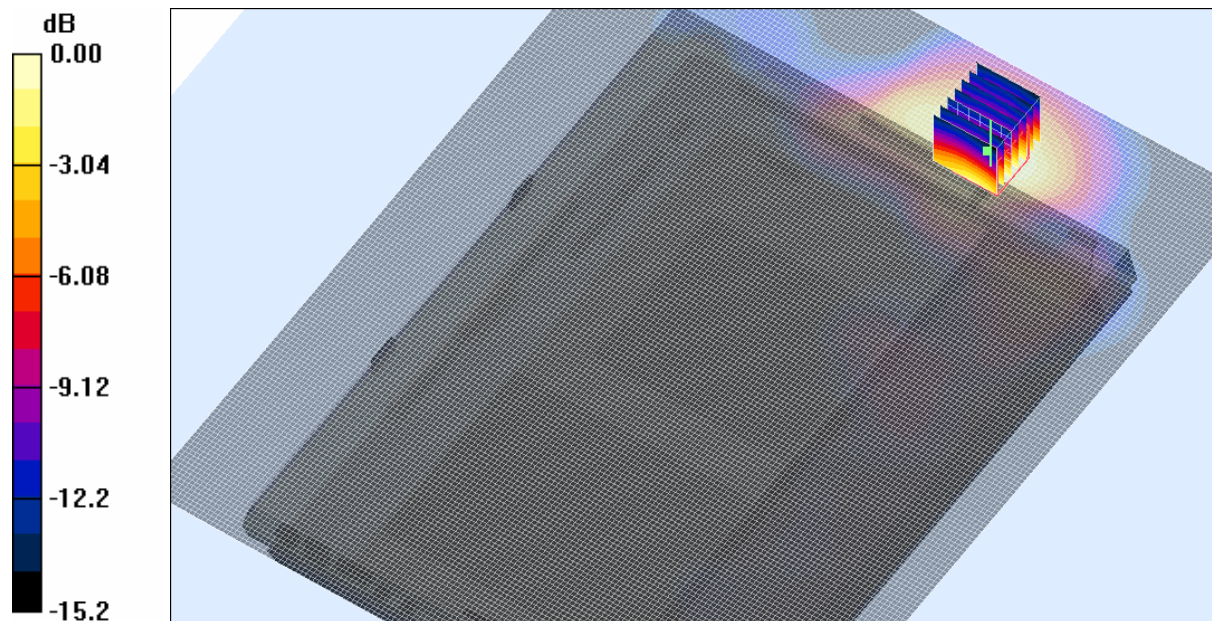
\* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- 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 661 Test/Area Scan (141x181x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.156 mW/g



0 dB = 0.166mW/g

**SAR MEASUREMENT PLOT 13**

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

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

**Test Date: 29 November 2007**

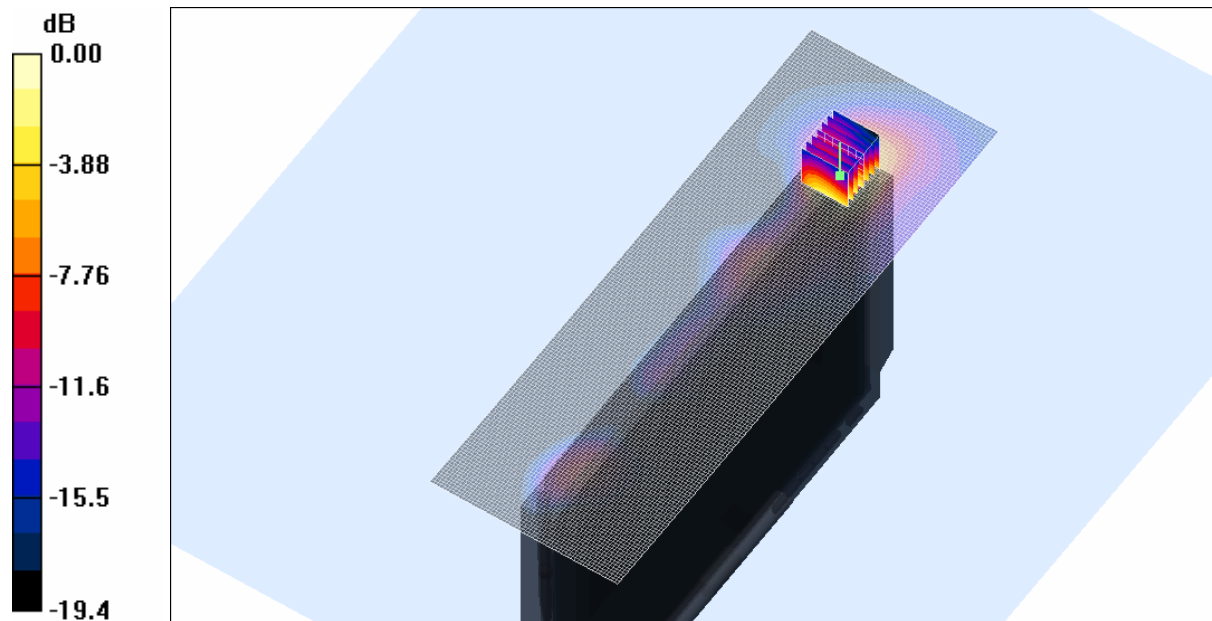
File Name: Edge On Top 1900 MHz GPRS Class 10 Champlain Prescan 29-11-07.da4



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

- \* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15
- \* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (61x181x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.264 mW/g



0 dB = 0.212mW/g

**SAR MEASUREMENT PLOT 14**

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

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

Test Date: 29 November 2007





File Name: Edge On Right 1900 MHz GPRS Class 10 Champlain Prescan 29-11-07.da4

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

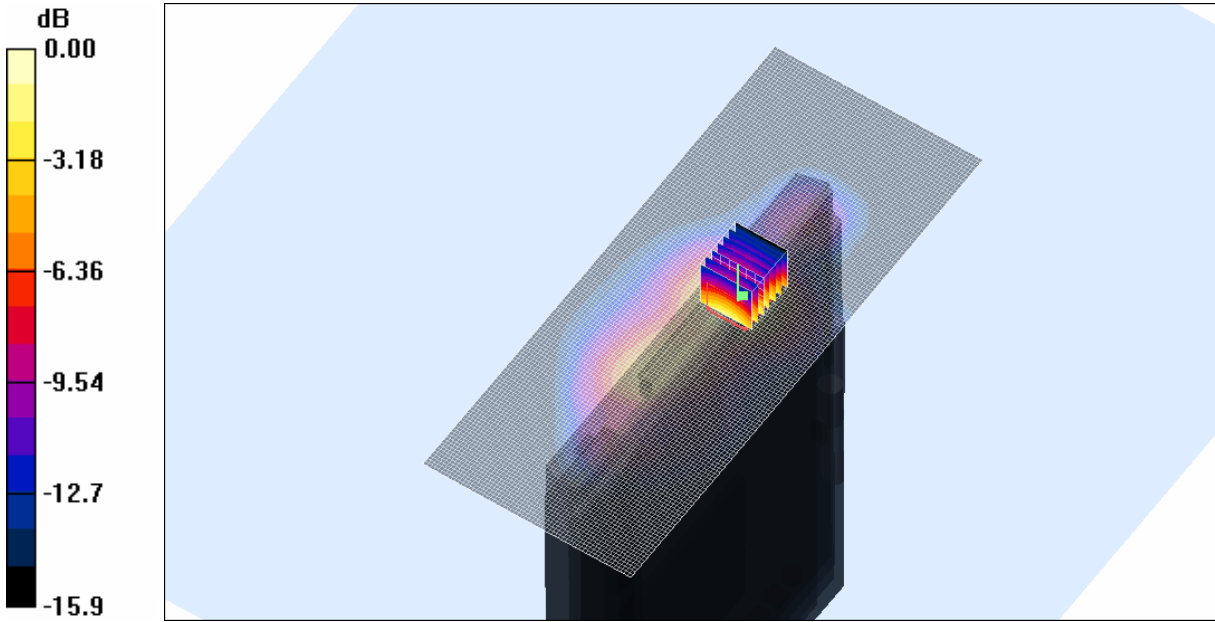
\* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15

\* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (61x151x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.430 mW/g



0 dB = 0.404mW/g

**SAR MEASUREMENT PLOT 15**

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

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

**Test Date: 29 November 2007**

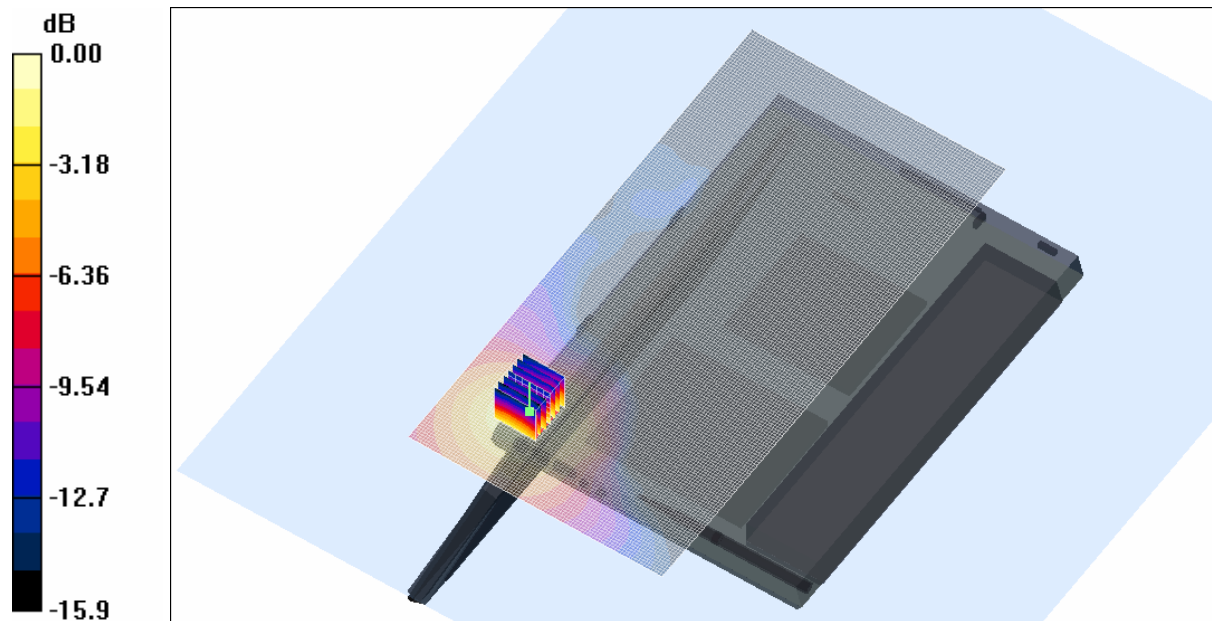
File Name: Laps On 1900 MHz GPRS Class 10 Champlain Prescan 29-11-07.da4



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

- \* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15
- \* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (91x181x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.058 mW/g



0 dB = 0.071mW/g

**SAR MEASUREMENT PLOT 16**

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

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

**Test Date: 29 November 2007**

File Name: Tablet 1900 MHz GPRS Class 12 Champlain 29-11-07.da4

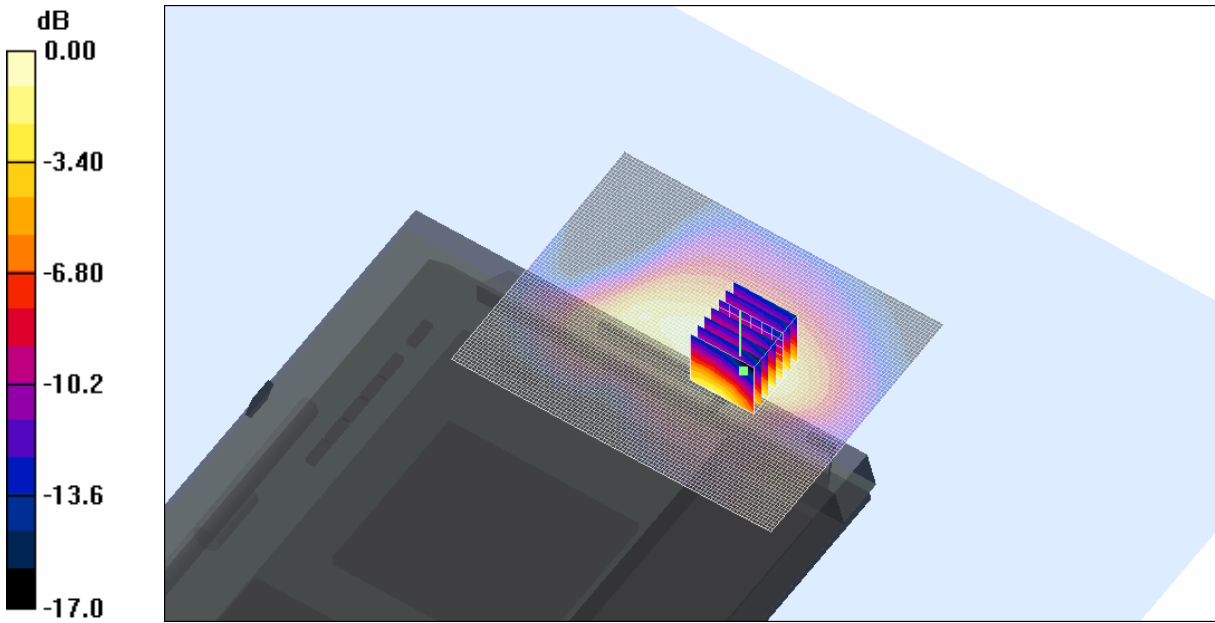


**DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398**

- \* Communication System: 850MHz 1900 MHz GPRS Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075
- \* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (101x81x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.135 mW/g

**Channel 661 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 7.47 V/m; Power Drift = 0.193 dB  
 Peak SAR (extrapolated) = 0.220 W/kg  
**SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.080 mW/g**  
 Maximum value of SAR (measured) = 0.143 mW/g



0 dB = 0.143mW/g

**SAR MEASUREMENT PLOT 17**

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

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

**Test Date: 29 November 2007**

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

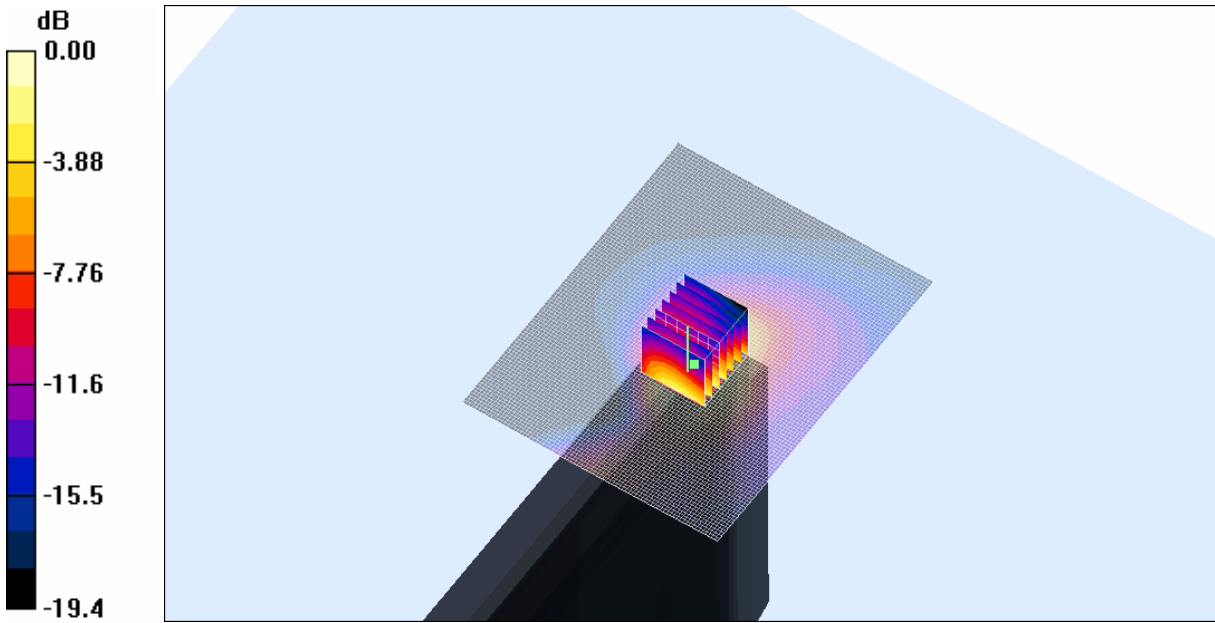


**DUT: Fujitsu Tablet Champlain with Sierra GSM/UMTS Module; Type: MC8781; Serial: IMEI:354220010021398**

- \* Communication System: 850MHz 1900 MHz GPRS Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075
- \* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.485 mW/g

**Channel 661 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 5.62 V/m; Power Drift = 0.344 dB  
 Peak SAR (extrapolated) = 0.660 W/kg  
**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.204 mW/g**  
 Maximum value of SAR (measured) = 0.417 mW/g



0 dB = 0.417mW/g

**SAR MEASUREMENT PLOT 18**

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

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

Test Date: 29 November 2007



File Name: Edge On Right 1900 MHz EGPRS 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 EGPRS Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

\* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.482 mW/g

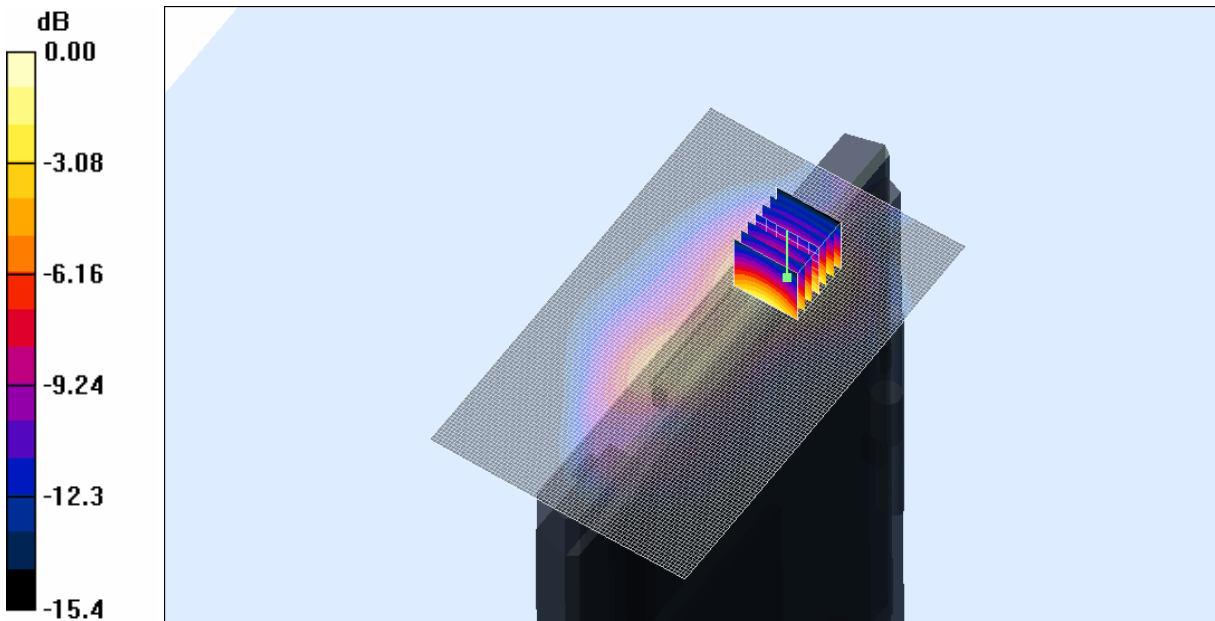
**Channel 661 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.65 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 0.674 W/kg

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.460 mW/g



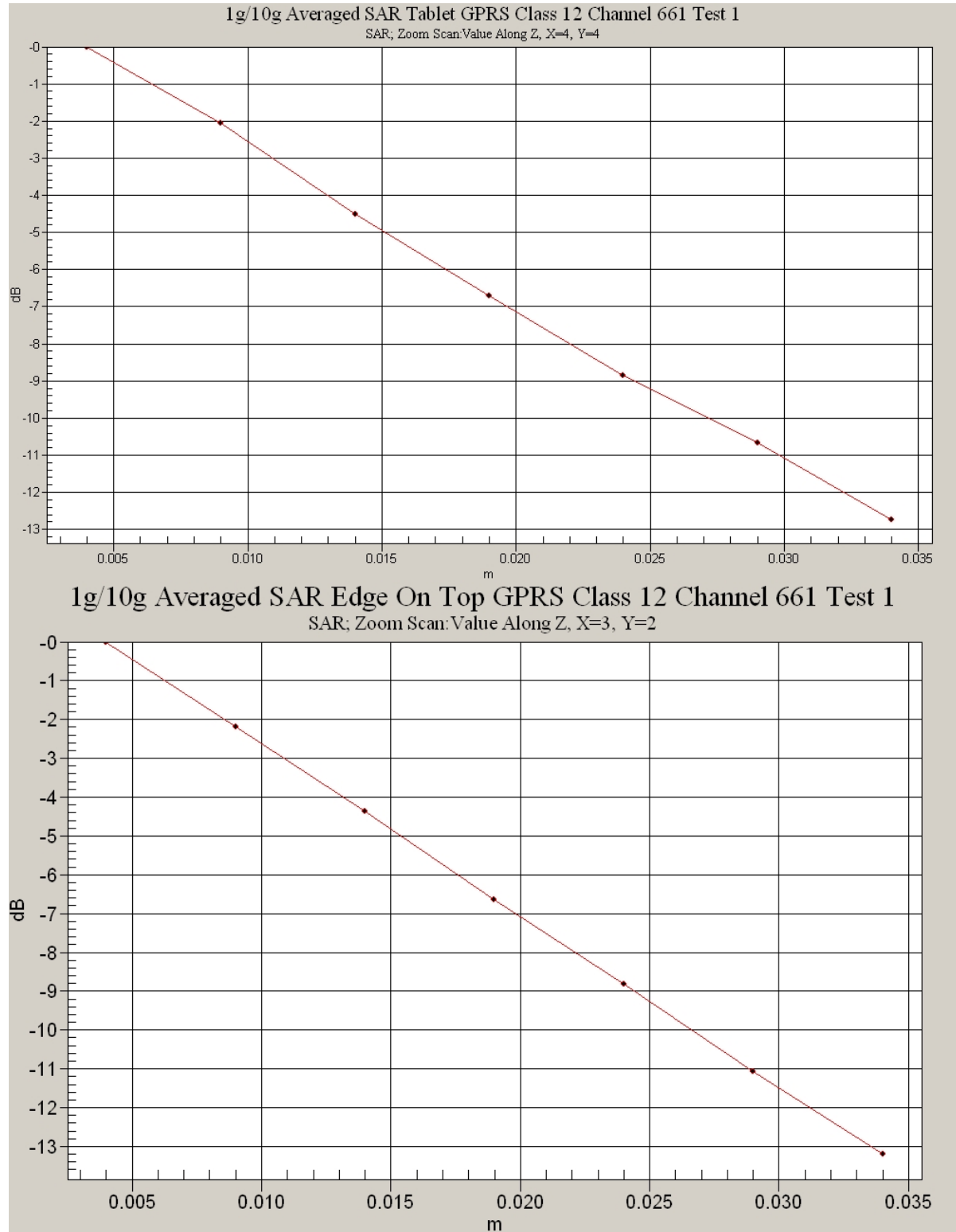
0 dB = 0.460mW/g

**SAR MEASUREMENT PLOT 19**

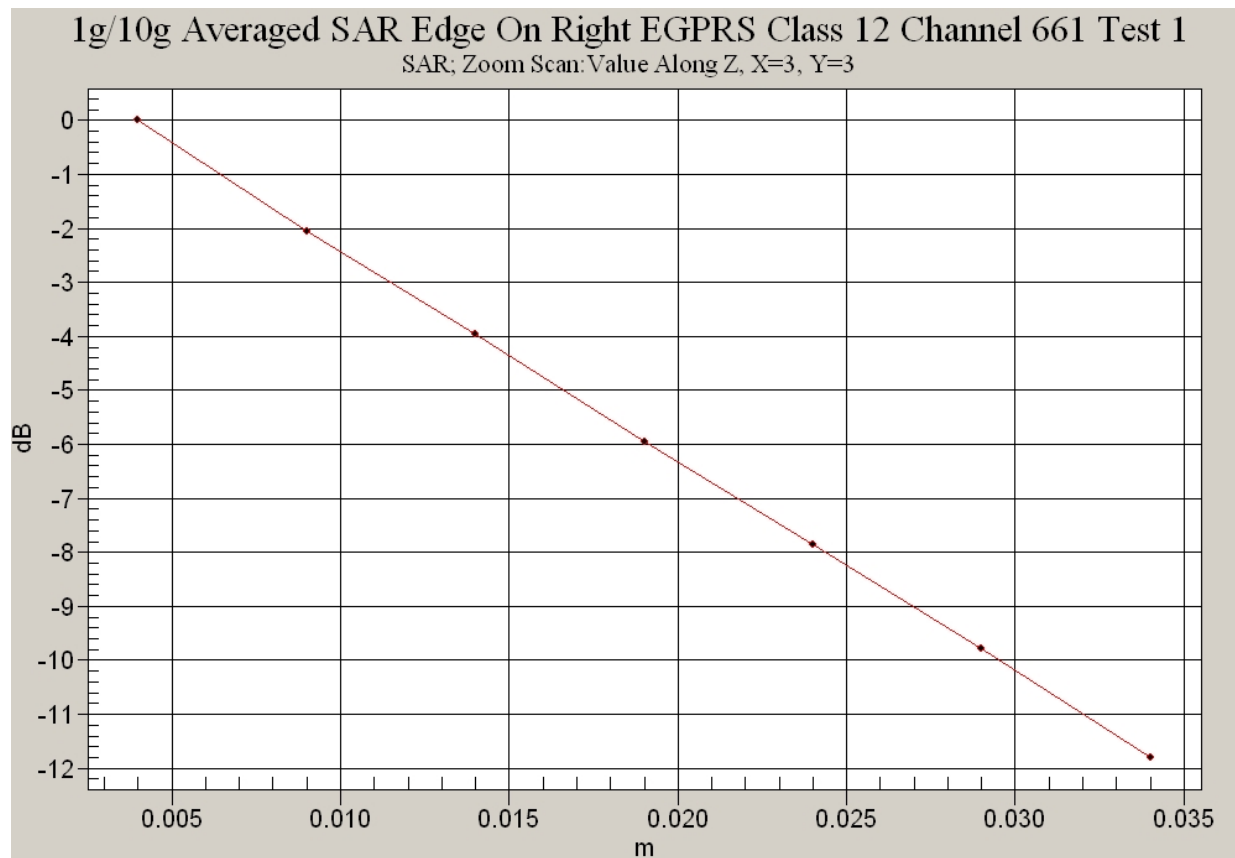
**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

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









Test Date: 29 November 2007

File Name: Edge On Right 1900 MHz GPRS Class 10 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 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15

\* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.425 mW/g

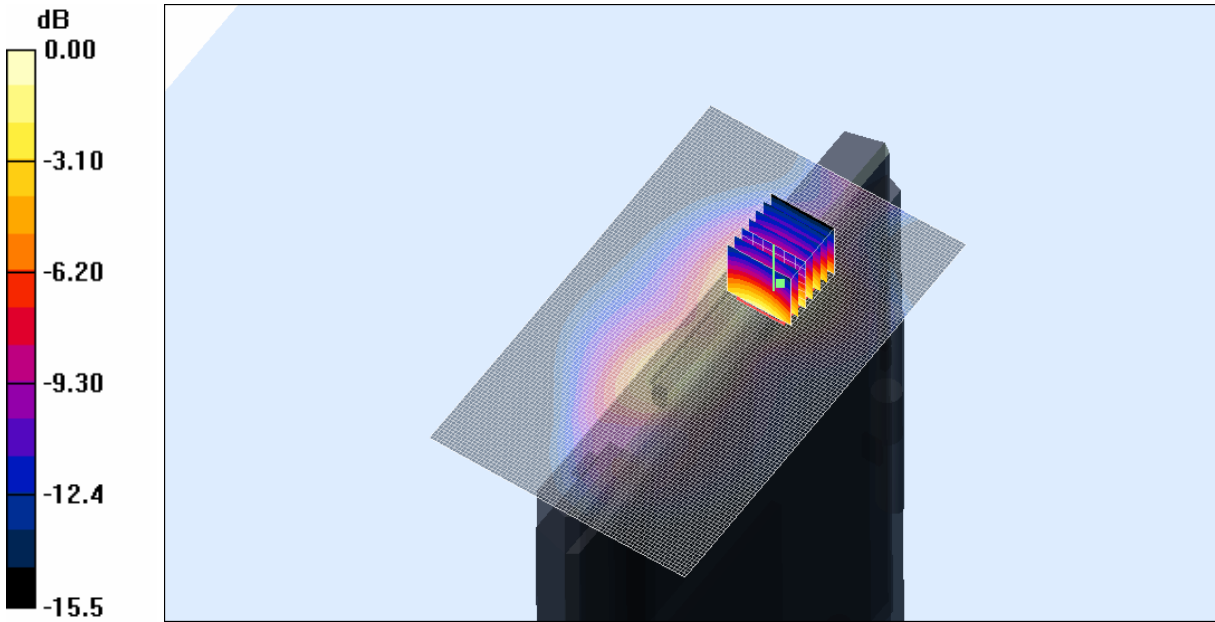
**Channel 661 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.589 W/kg

**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 0.409 mW/g



0 dB = 0.409mW/g

**SAR MEASUREMENT PLOT 20**

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

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



Test Date: 29 November 2007

File Name: Edge On Right 1900 MHz GPRS Class 11 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 11; Frequency: 1880 MHz; Duty Cycle: 1:3.1125

\* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.631 mW/g

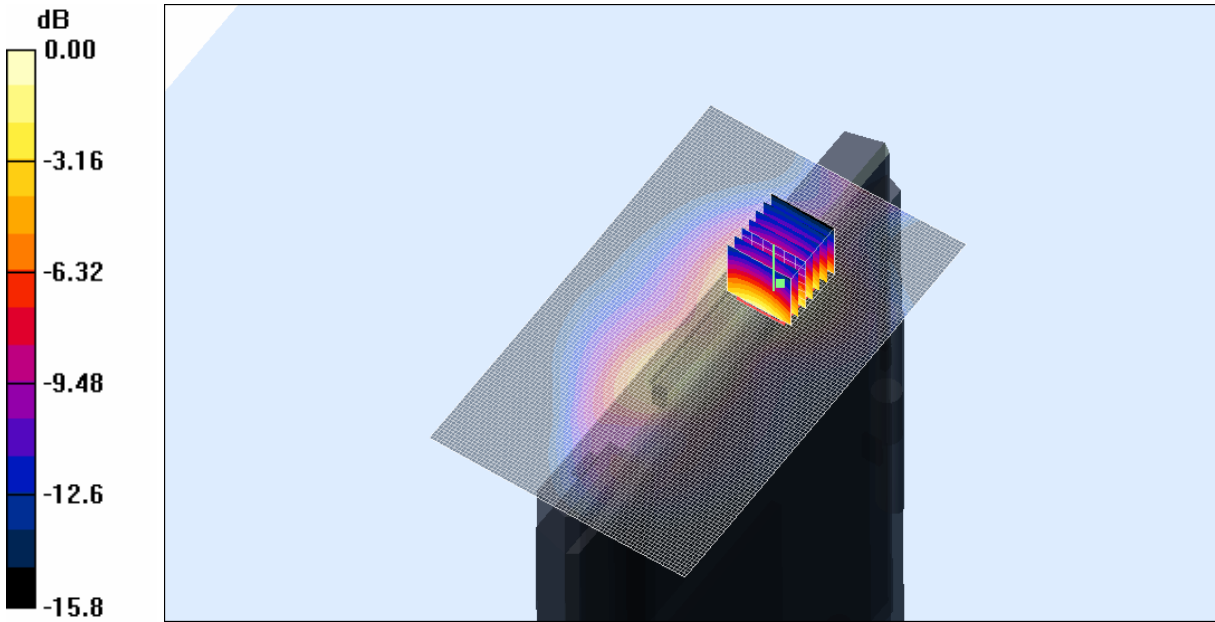
**Channel 661 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.892 W/kg

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.334 mW/g**

Maximum value of SAR (measured) = 0.615 mW/g



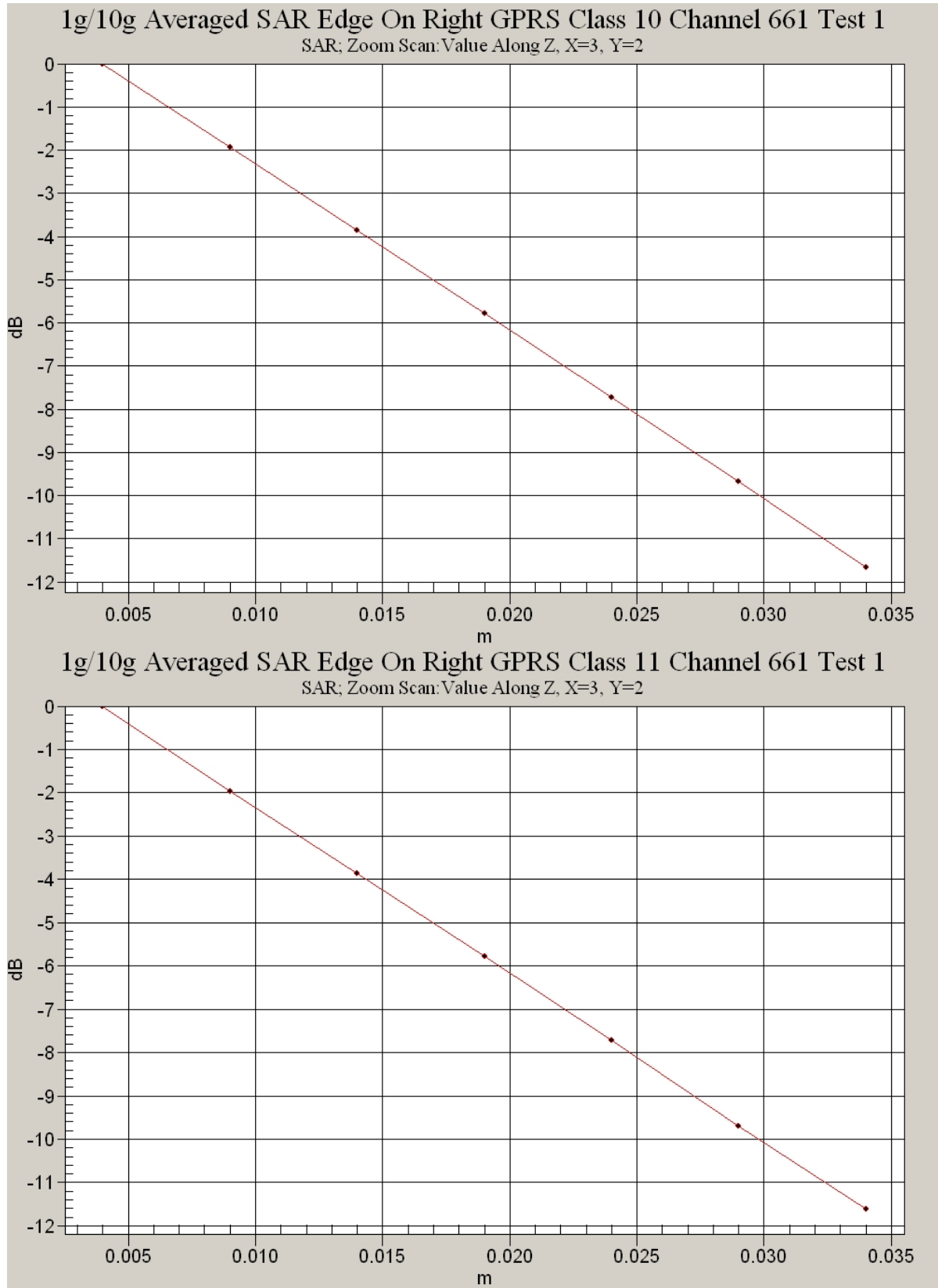
0 dB = 0.615mW/g

**SAR MEASUREMENT PLOT 21**

Ambient Temperature  
Liquid Temperature  
Humidity

21.7 Degrees Celsius  
21.1 Degrees Celsius  
62.0 %





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: 1850.2 MHz; Duty Cycle: 1:2.075

\* Medium parameters used:  $\sigma = 1.53071$  mho/m,  $\epsilon_r = 51.1102$ ;  $\rho = 1000$  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 512 Test/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.871 mW/g

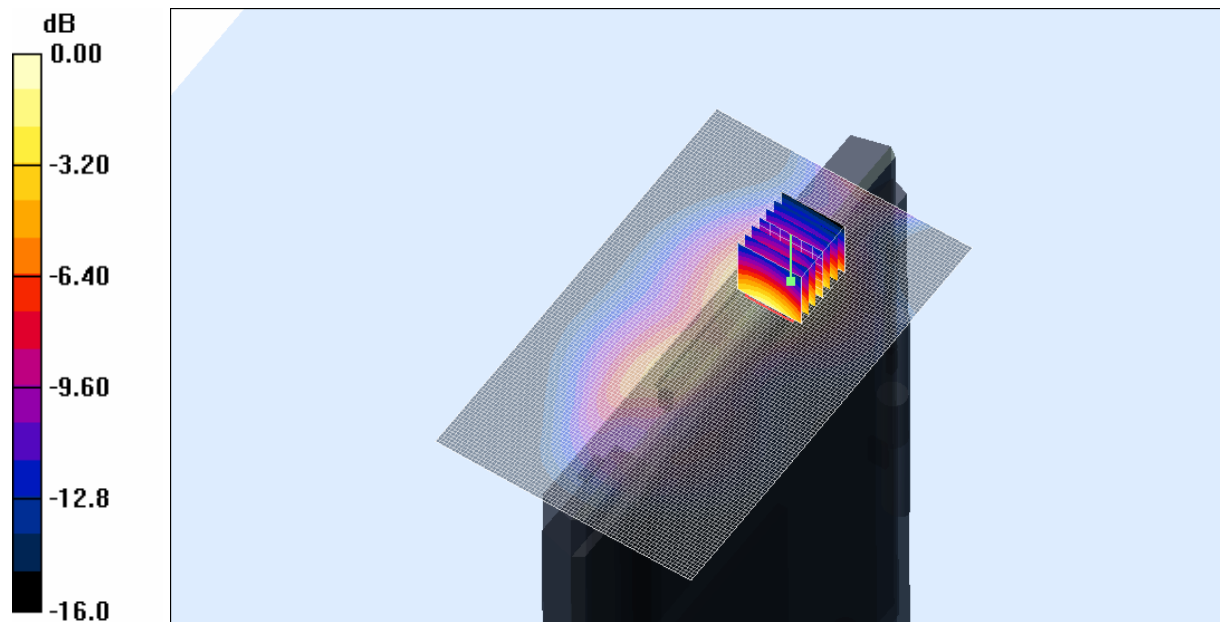
**Channel 512 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.448 mW/g**

Maximum value of SAR (measured) = 0.827 mW/g



0 dB = 0.827mW/g

**SAR MEASUREMENT PLOT 22**

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

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



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: 1880 MHz; Duty Cycle: 1:2.075

\* Medium parameters used:  $\sigma = 1.55171$  mho/m,  $\epsilon_r = 51.0136$ ;  $\rho = 1000$  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 661 Test/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.838 mW/g

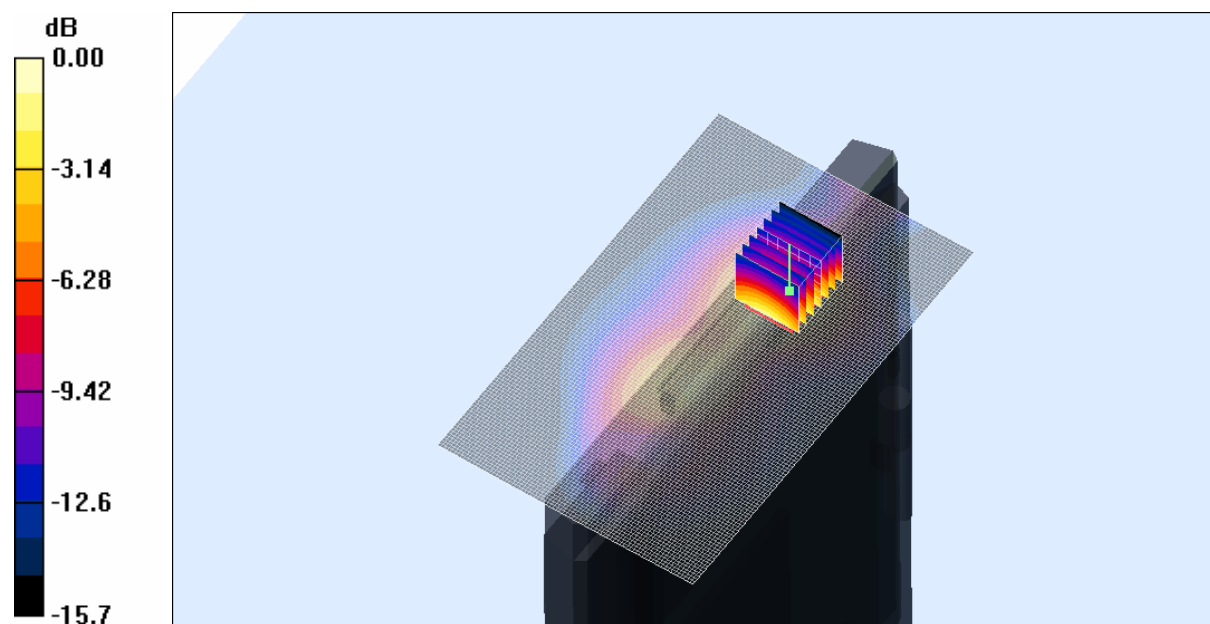
**Channel 661 Test/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.447 mW/g**

Maximum value of SAR (measured) = 0.818 mW/g



0 dB = 0.818mW/g

**SAR MEASUREMENT PLOT 23**

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

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