

Test Date: 31 January 2008

File Name: [Edge On Top DSSS 2.45 GHz Champlain Antenna A Bluetooth Off 1900MHz GSM 31-01-08.da4](#)

DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F

* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.94329$ mho/m, $\epsilon_r = 51.9716$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(3.98, 3.98, 3.98)

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

Channel 1 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.72 mW/g

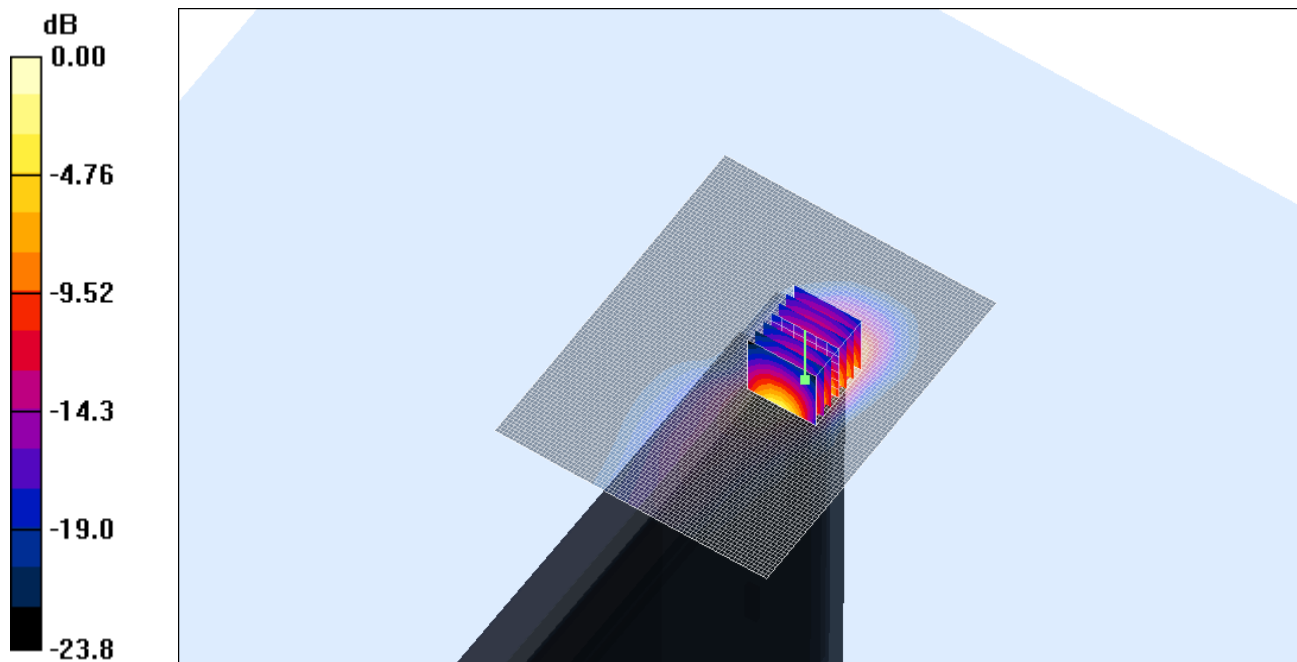
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.391 dB

Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 1.55 mW/g; SAR(10 g) = 0.648 mW/g

Maximum value of SAR (measured) = 1.77 mW/g



0 dB = 1.77mW/g

SAR MEASUREMENT PLOT 29

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
63.0 %

1.1.1 Combined**DASY4 Configuration for Arm Held Position/Channel 190 Test 2/Volume Scan:**

Date/Time: 11/02/2008 7:37:29 AM

Test Laboratory: EMC Technologies

File Name: [Edge On Top OFDM \(HT0 Mbps 20 MHz\) 5.8 GHz Ant A 2dB Att BLT Off 850 MHz GSM \(Volumetric GSM part\) 11-02-08.da4](#)**DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F**

Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium: Body 835 MHz Medium parameters used: $\sigma = 0.959924$ mho/m, $\epsilon_r = 53.0305$; $\rho = 1000$ kg/m³

Phantom section: Flat 2.2 Section

Measurement Standard: DASY4 (High Precision Assessment)

- Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03); Calibrated: 9/07/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 17/12/2007
- Measurement SW: DASY4, V4.7 Build 53

DASY4 Configuration for Arm Held Position/Channel 157 Test 2/Volume Scan:

Date/Time: 11/02/2008 1:48:39 PM

Test Laboratory: EMC Technologies

File Name: [Edge On Top OFDM \(HT0 Mbps 20 MHz\) 5.8 GHz Ant A 2dB Att BLT Off \(Volumetric WiFi part\) 11-02-08.da4](#)**DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F**

Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: Body 5600 MHz Medium parameters used: $\sigma = 6.08734$ mho/m, $\epsilon_r = 47.8207$; $\rho = 1000$ kg/m³

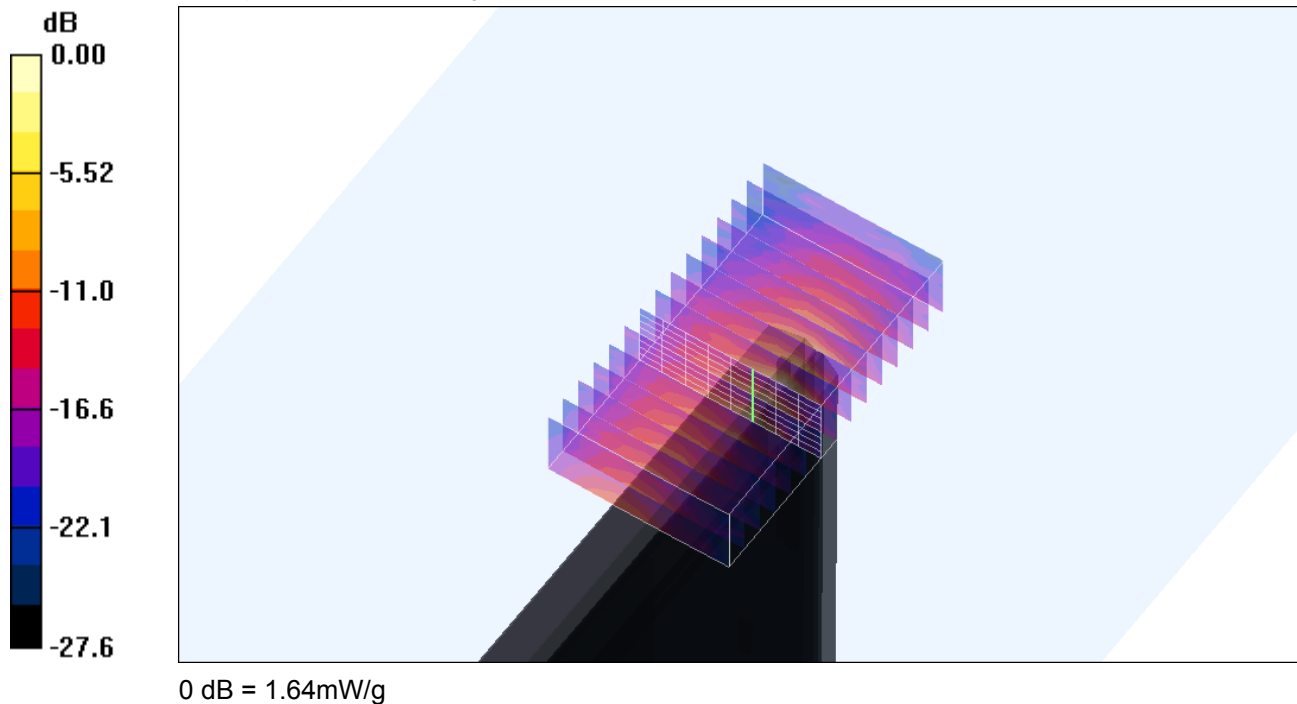
Phantom section: Flat 2.2 Section

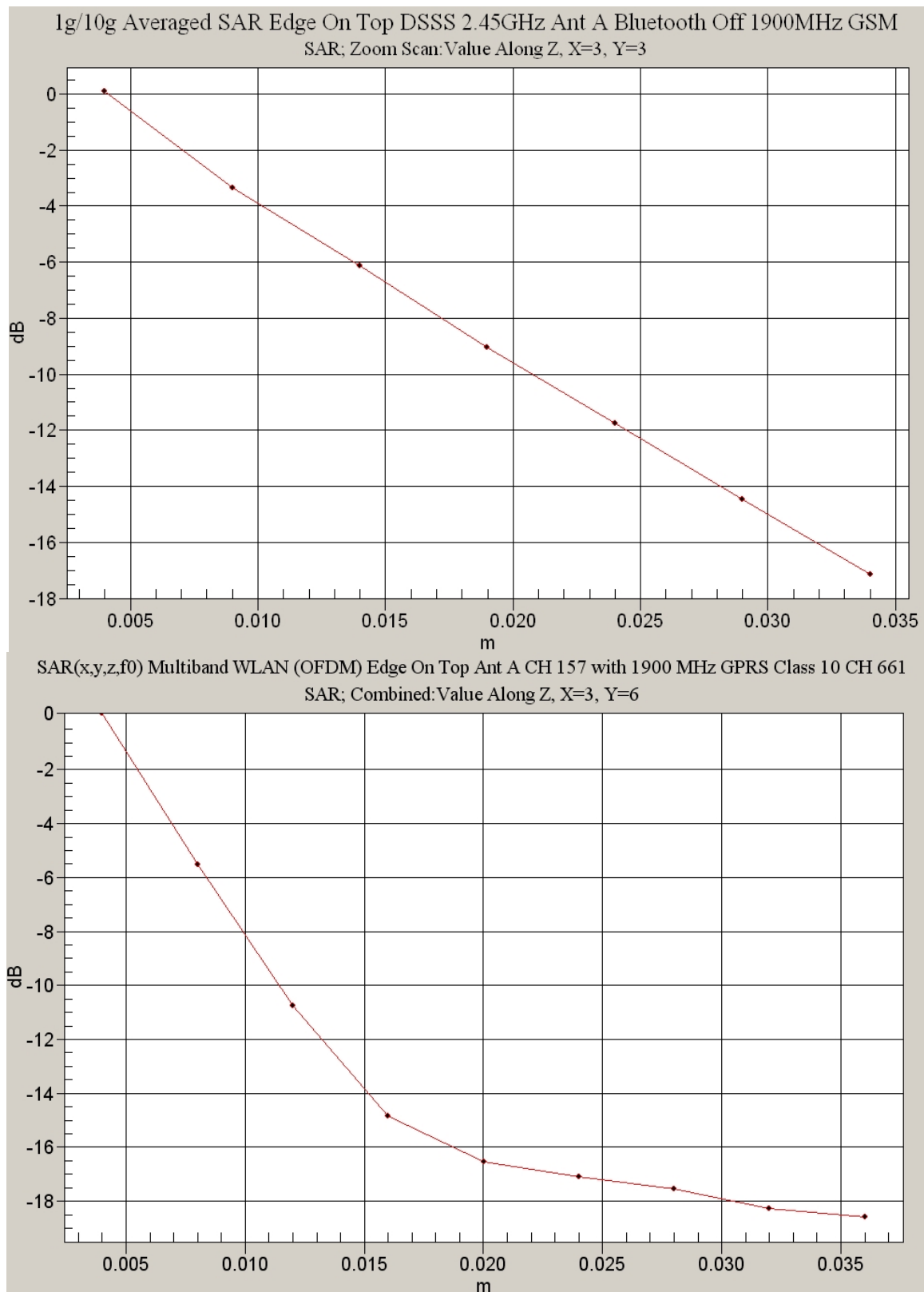
Measurement Standard: DASY4 (High Precision Assessment)

- Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64); Calibrated: 14/07/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 17/12/2007
- Measurement SW: DASY4, V4.7 Build 53

Multi Band Result:**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.372 mW/g**

Maximum value of SAR (measured) = 1.64 mW/g

**SAR MEASUREMENT PLOT 30**



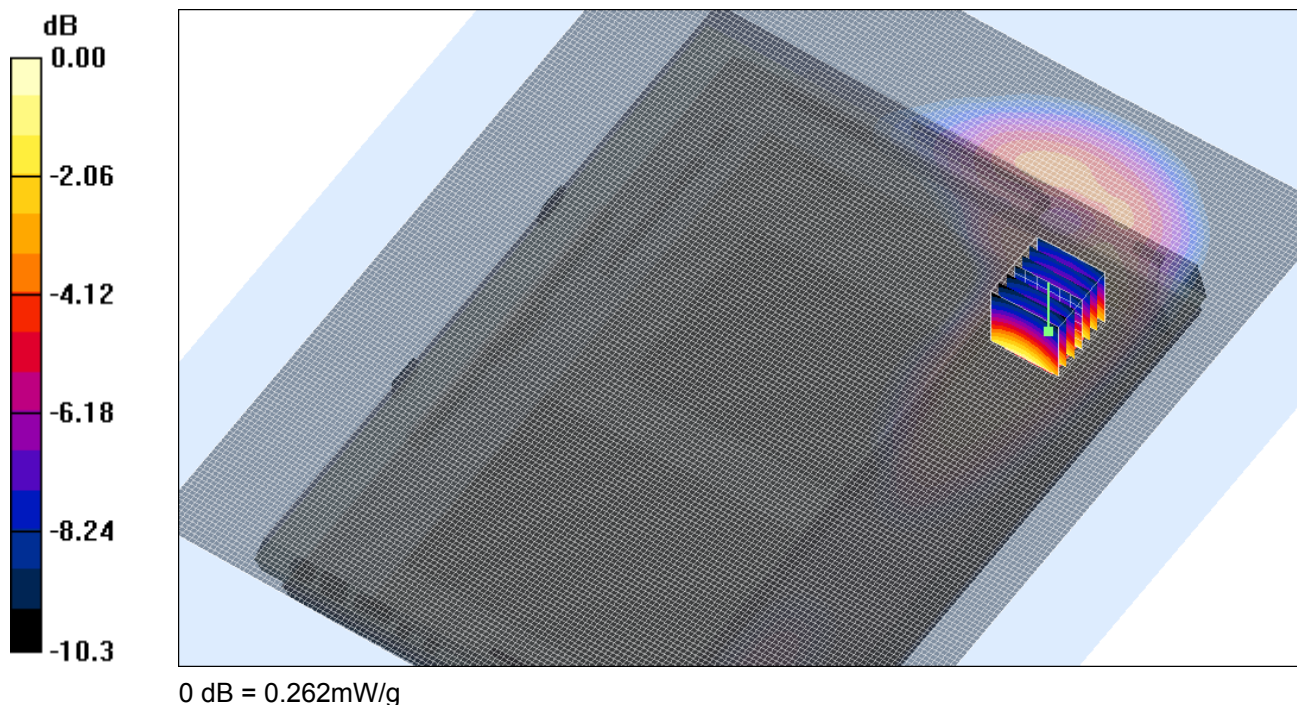
Test Date: 26 November 2007

File Name: Tablet 850 MHz UMTS Champlain Prescan 26-11-07.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: $\sigma = 0.956553$ mho/m, $\epsilon_r = 53.1247$; $\rho = 1000$ kg/m³
- 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) = 0.256 mW/g



SAR MEASUREMENT PLOT 31

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Top 850 MHz UMTS Champlain Prescan 26-11-07.da4

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

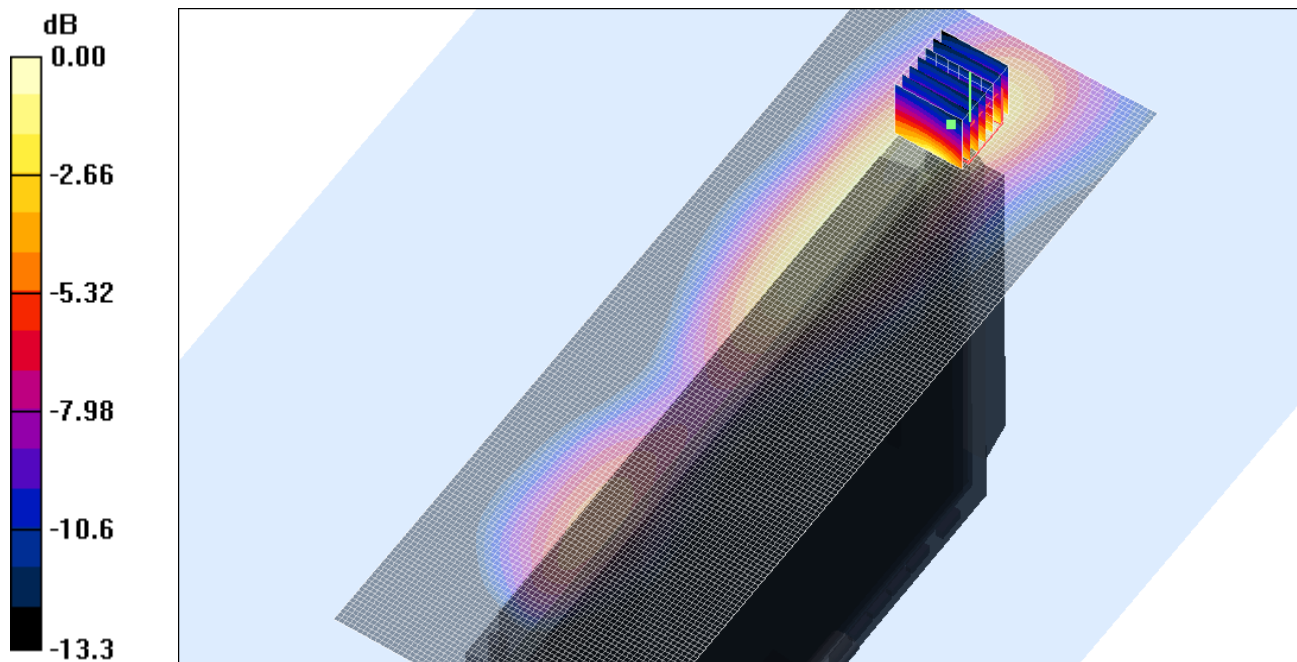
* Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.956553$ mho/m, $\epsilon_r = 53.1247$; $\rho = 1000$ kg/m³

- 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 (61x181x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g



0 dB = 0.170mW/g

SAR MEASUREMENT PLOT 32

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

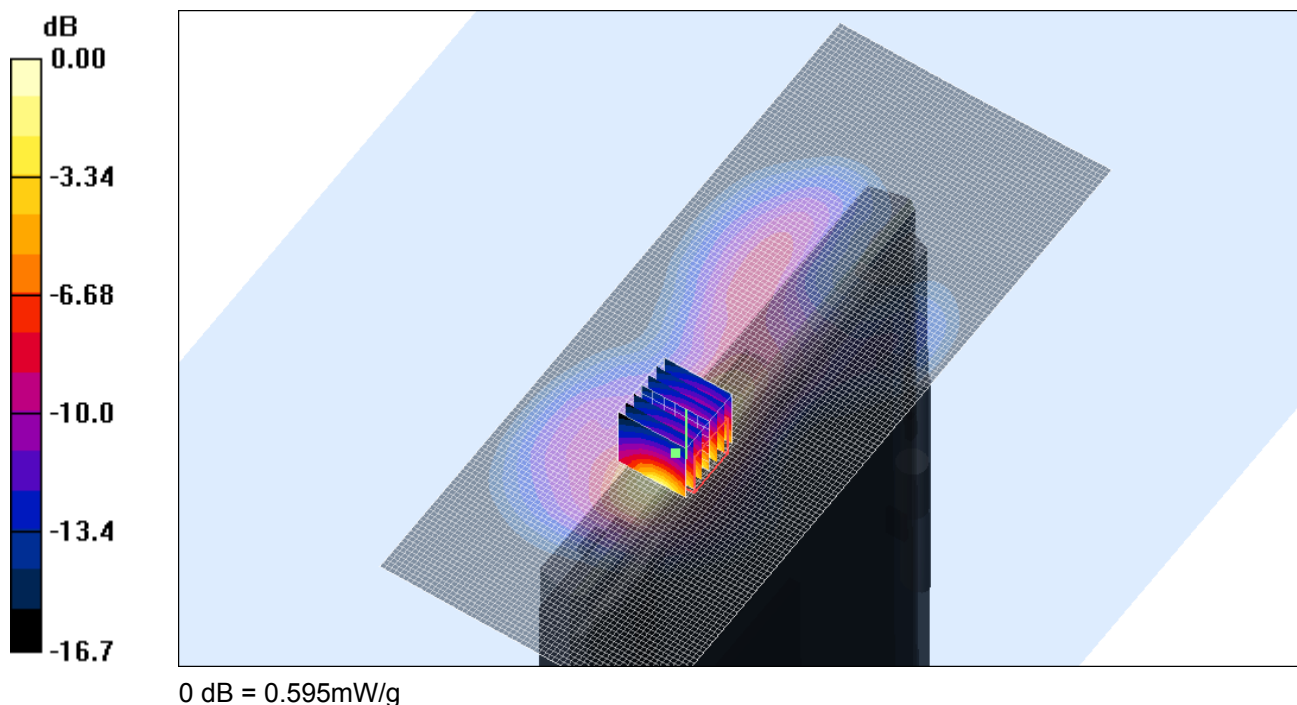
Test Date: 26 November 2007

File Name: Edge On Right 850 MHz UMTS Champlain Prescan 26-11-07.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: $\sigma = 0.956553$ mho/m, $\epsilon_r = 53.1247$; $\rho = 1000$ kg/m³
- 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) = 0.587 mW/g



SAR MEASUREMENT PLOT 33

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

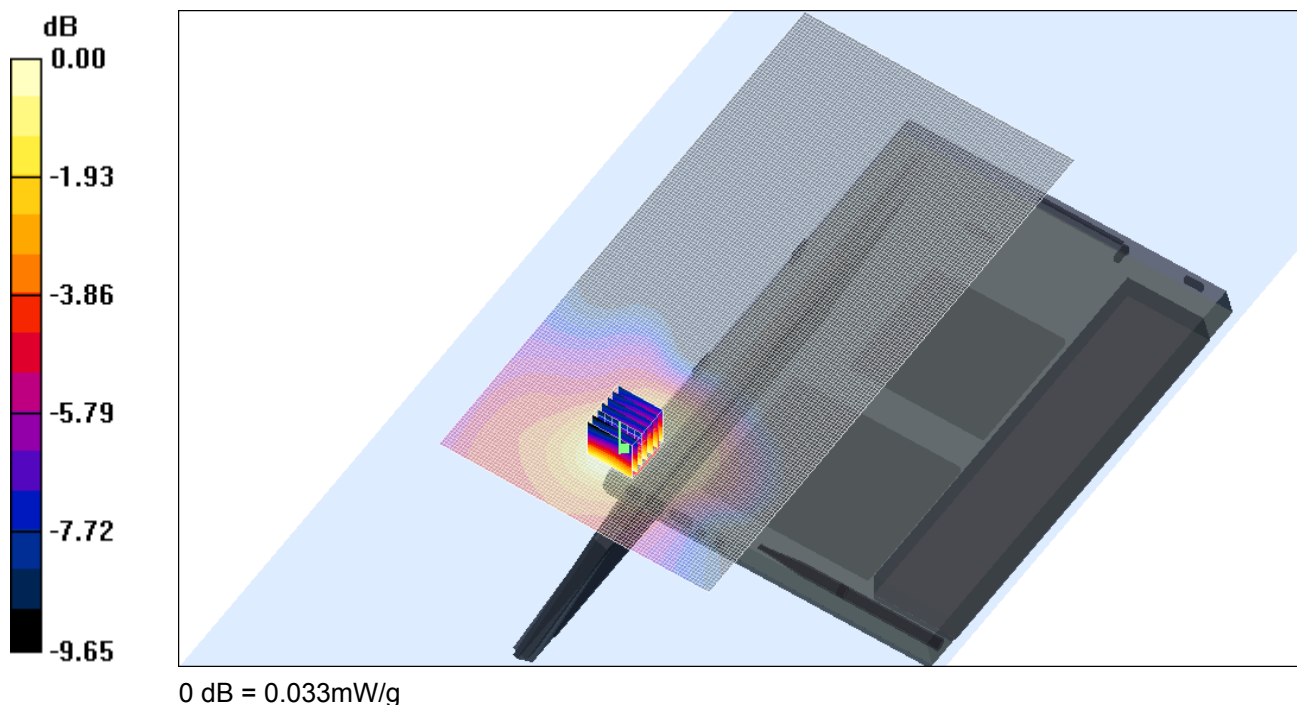
Test Date: 26 November 2007

File Name: Laps On 850 MHz UMTS Champlain Prescan 26-11-07.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: $\sigma = 0.956553$ mho/m, $\epsilon_r = 53.1247$; $\rho = 1000$ kg/m³
- 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) = 0.033 mW/g



SAR MEASUREMENT PLOT 34

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Tablet 850 MHz UMTS Champlain 26-11-07.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

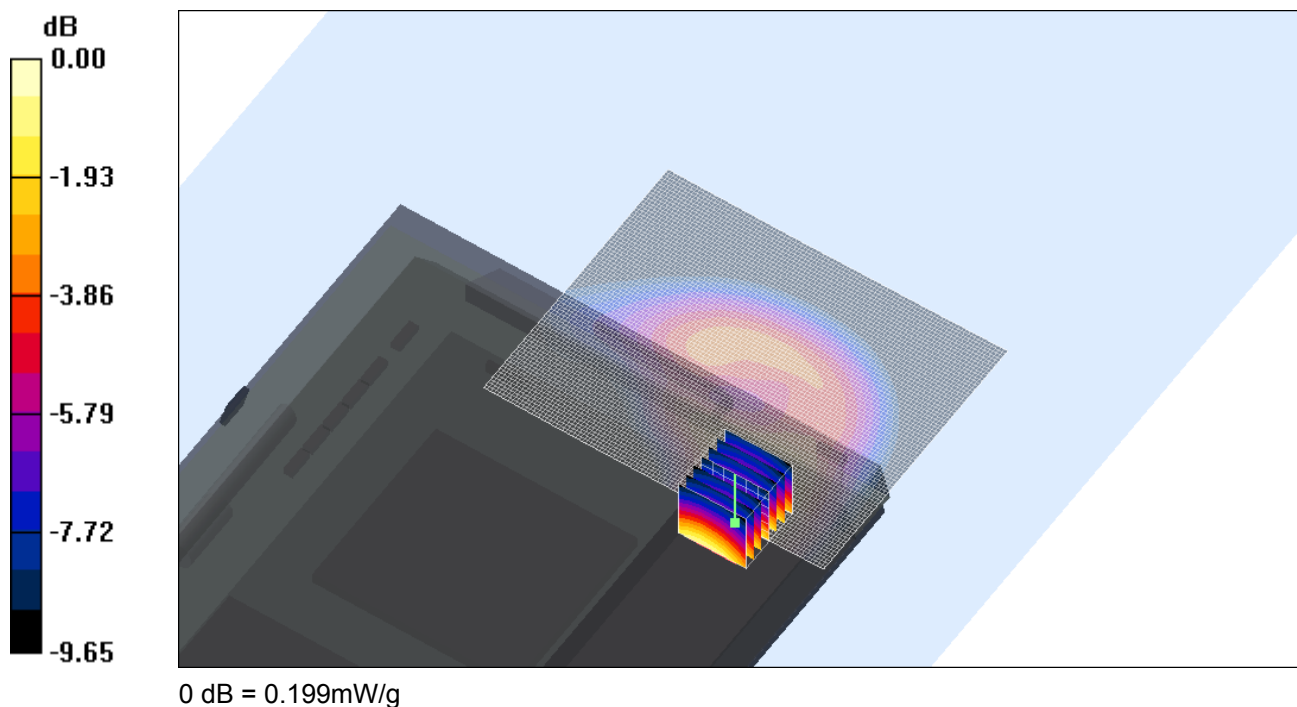
* Medium parameters used: $\sigma = 0.956553$ mho/m, $\epsilon_r = 53.1247$; $\rho = 1000$ kg/m³

- 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 (101x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.207 mW/g

Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.29 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.199 mW/g



SAR MEASUREMENT PLOT 35

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

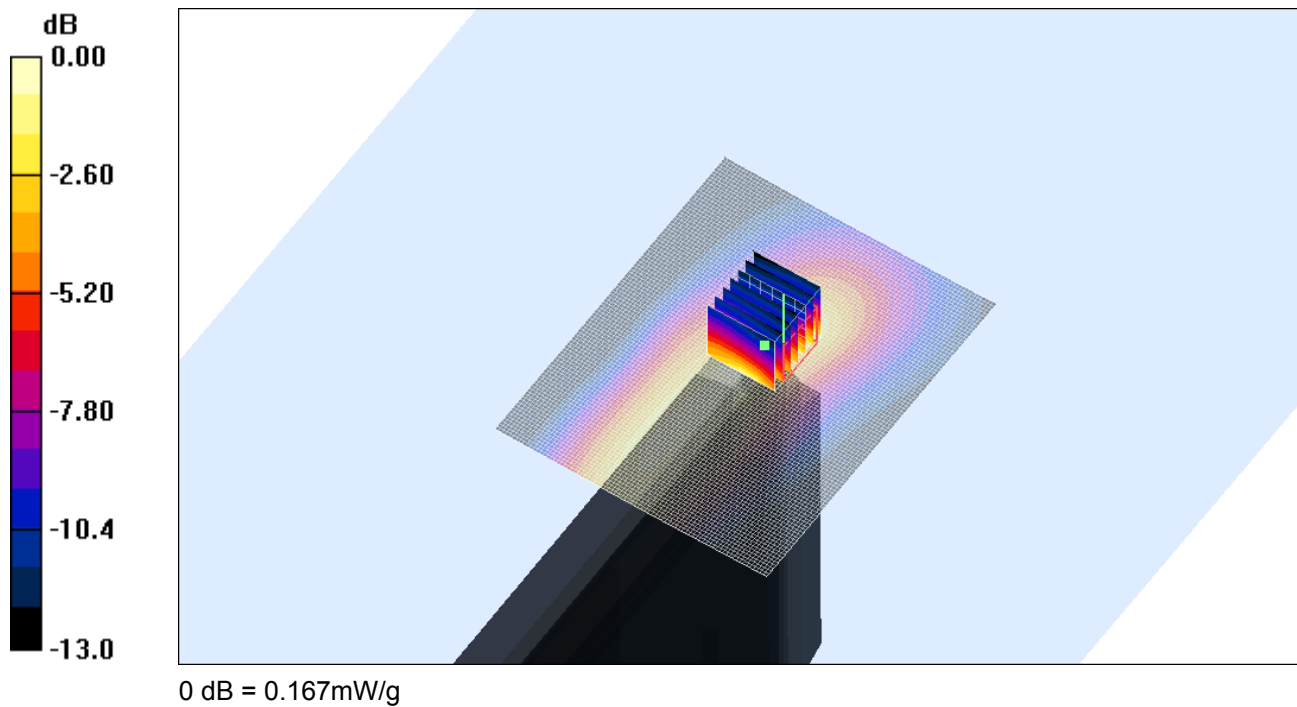
File Name: Edge On Top 850 MHz UMTS Champlain 26-11-07.da4

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: $\sigma = 0.956553$ mho/m, $\epsilon_r = 53.1247$; $\rho = 1000$ kg/m³
- 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 (81x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.161 mW/g

Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



SAR MEASUREMENT PLOT 36

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

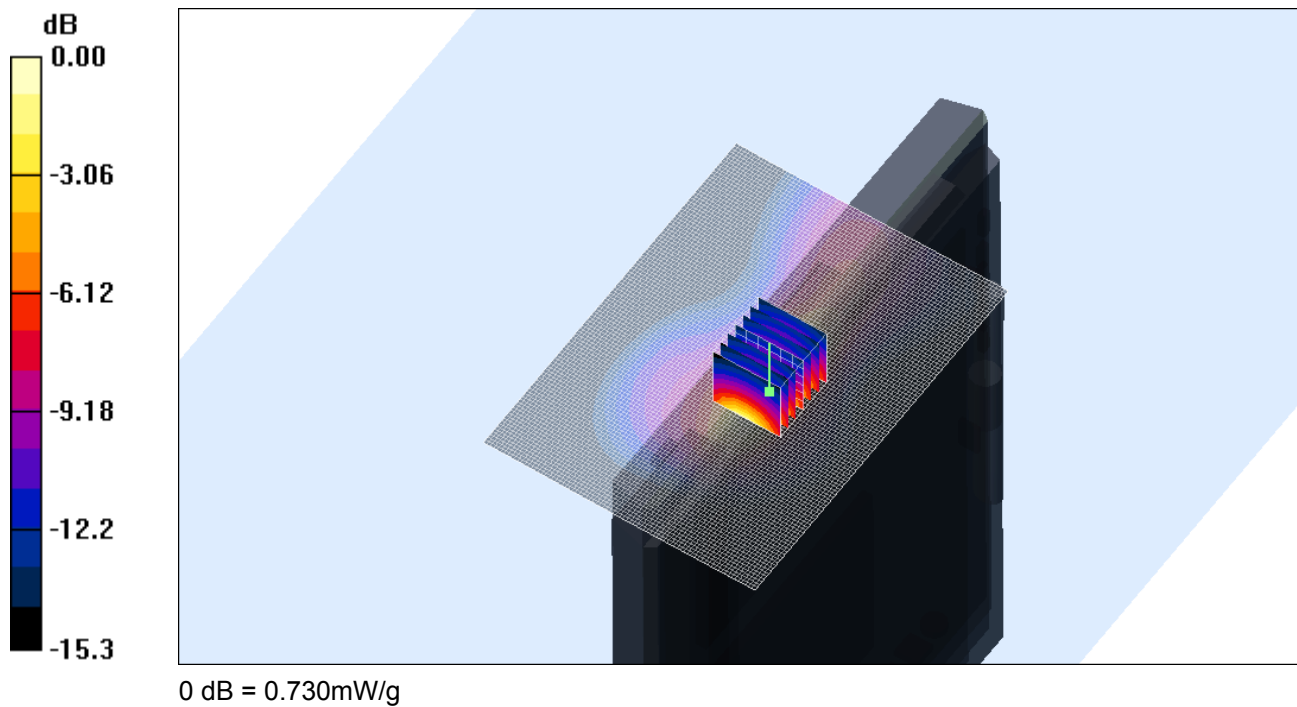
File Name: Edge On Right 850 MHz UMTS + HSDPA Champlain 26-11-07.da4

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: $\sigma = 0.964117$ mho/m, $\epsilon_r = 53.0106$; $\rho = 1000$ kg/m³
- 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) = 0.726 mW/g

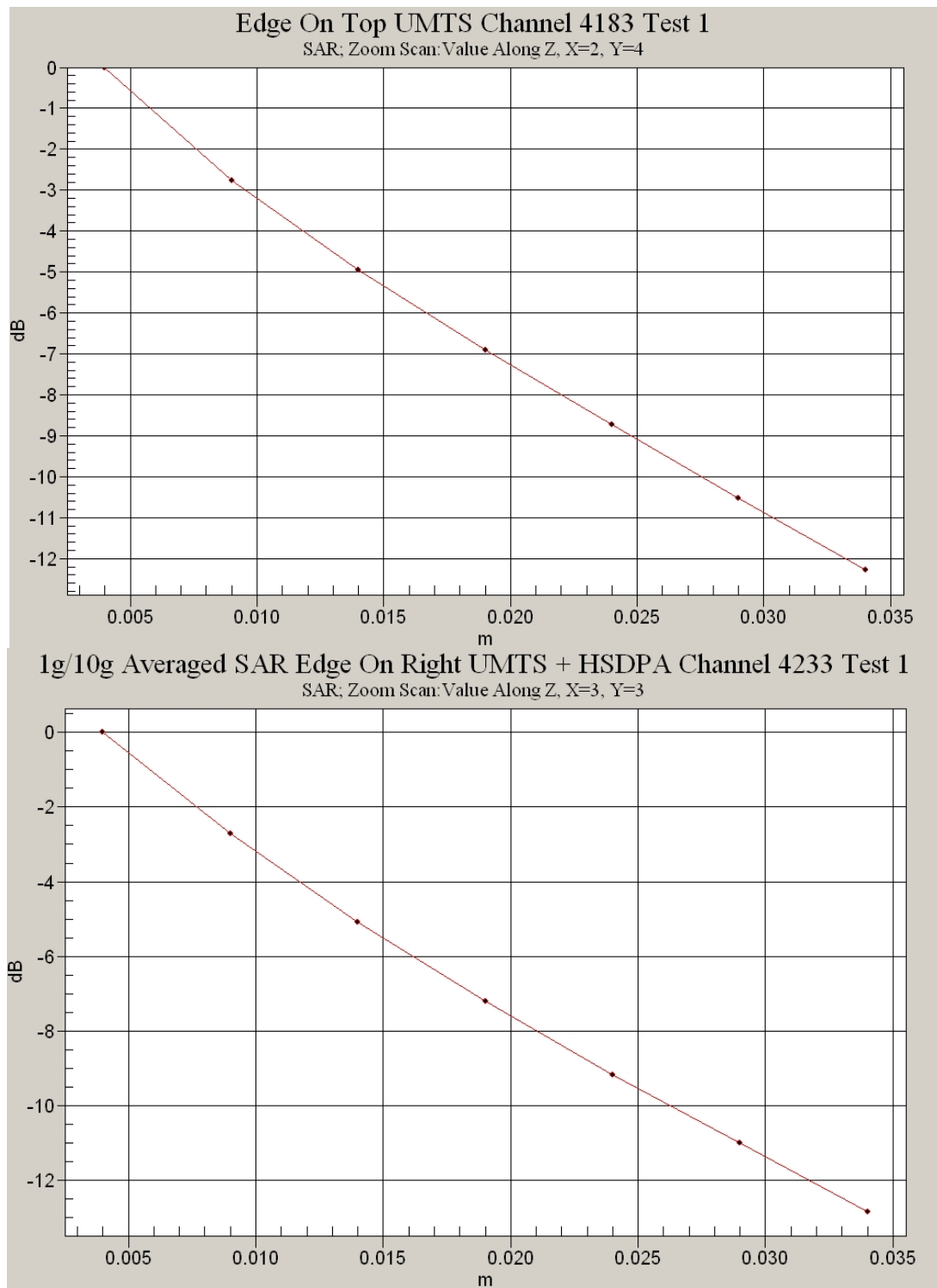
Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.2 V/m; Power Drift = 0.270 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.730 mW/g



SAR MEASUREMENT PLOT 37

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %



Test Date: 26 November 2007

File Name: Edge On Right 850 MHz UMTS Champlain 26-11-07.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: $\sigma = 0.938104$ mho/m, $\epsilon_r = 53.4209$; $\rho = 1000$ kg/m³

- 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) = 0.685 mW/g

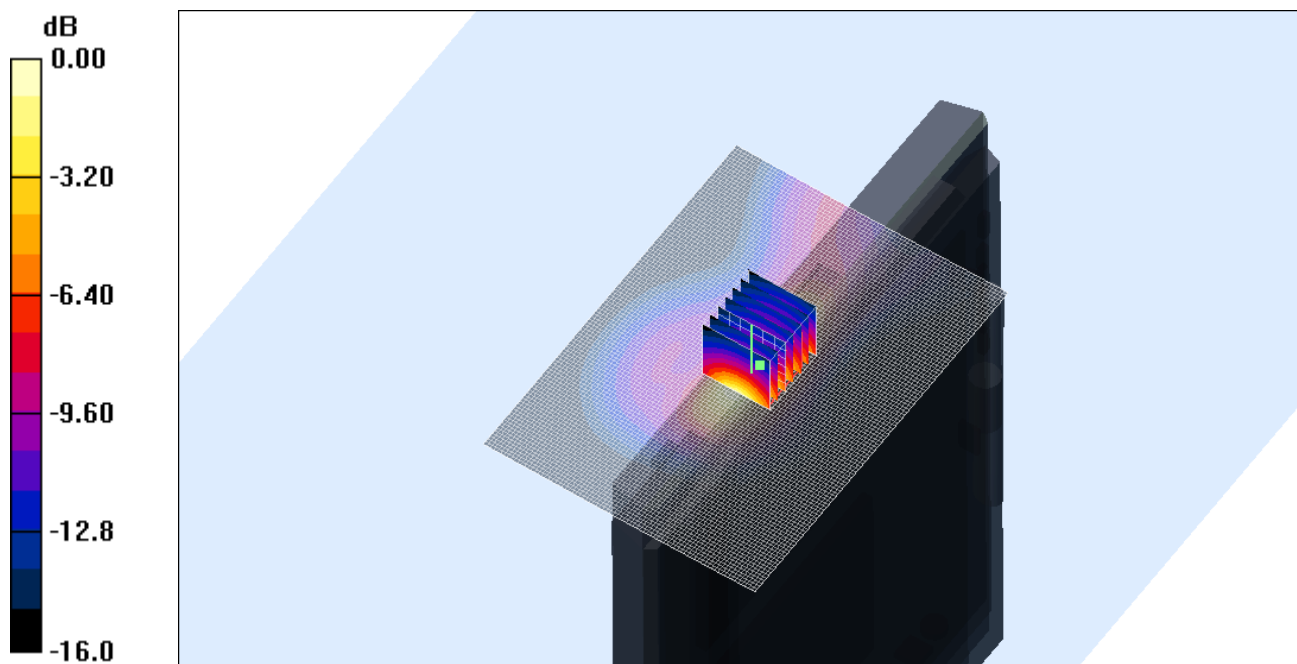
Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 0.723 mW/g



0 dB = 0.723mW/g

SAR MEASUREMENT PLOT 38

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Right 850 MHz UMTS Champlain 26-11-07.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: $\sigma = 0.956553$ mho/m, $\epsilon_r = 53.1247$; $\rho = 1000$ kg/m³

- 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 (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.590 mW/g

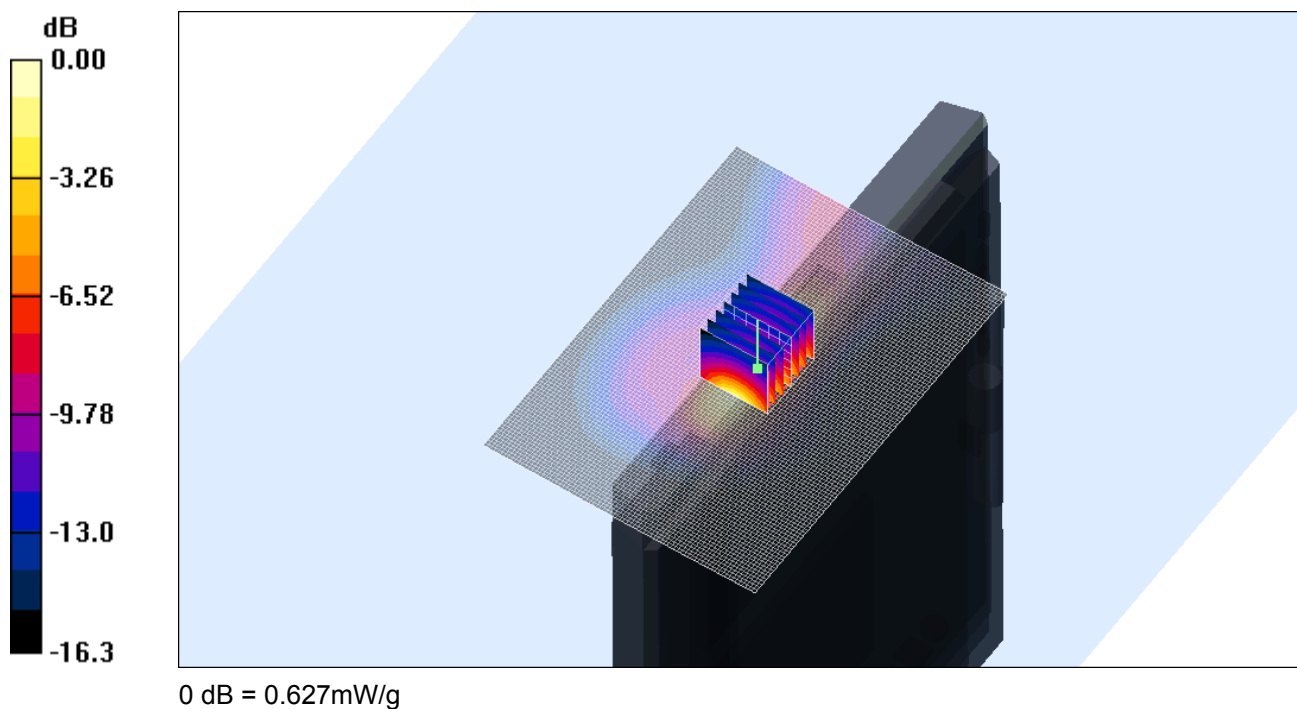
Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.627 mW/g



SAR MEASUREMENT PLOT 39

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Right 850 MHz UMTS Champlain 26-11-07.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: $\sigma = 0.964117$ mho/m, $\epsilon_r = 53.0106$; $\rho = 1000$ kg/m³

- 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) = 0.722 mW/g

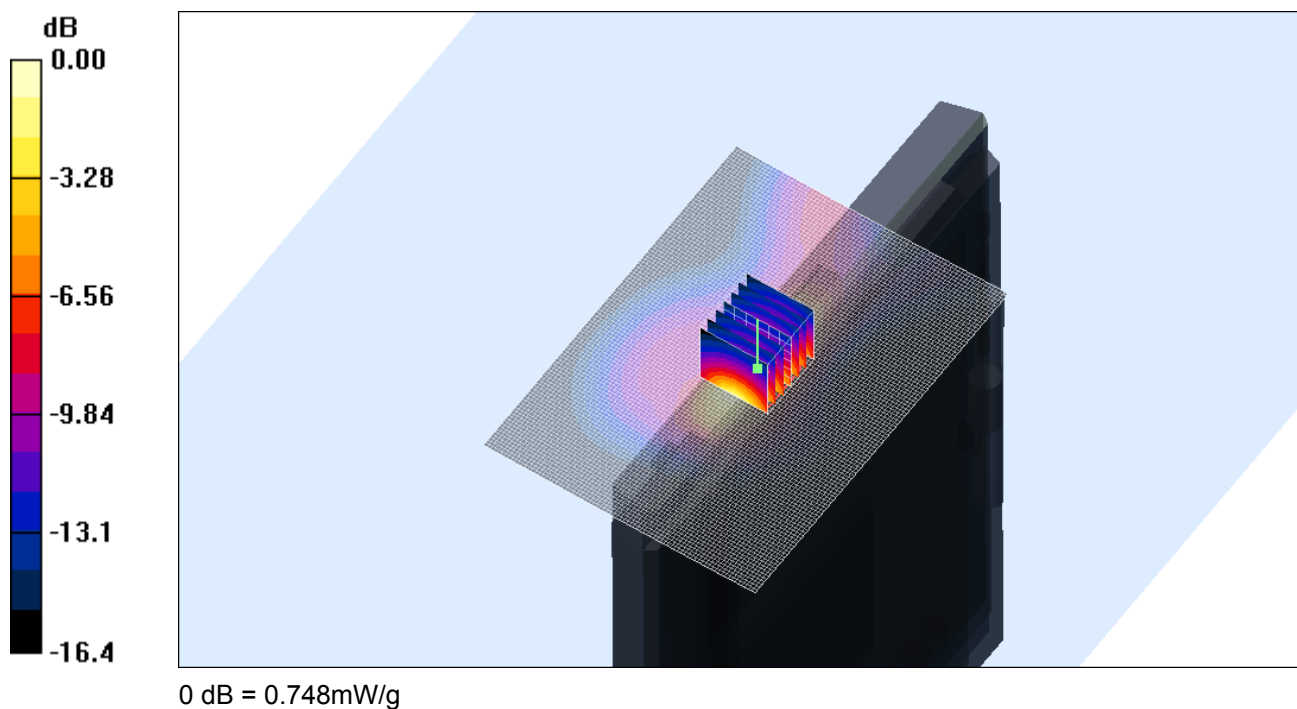
Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.316 mW/g

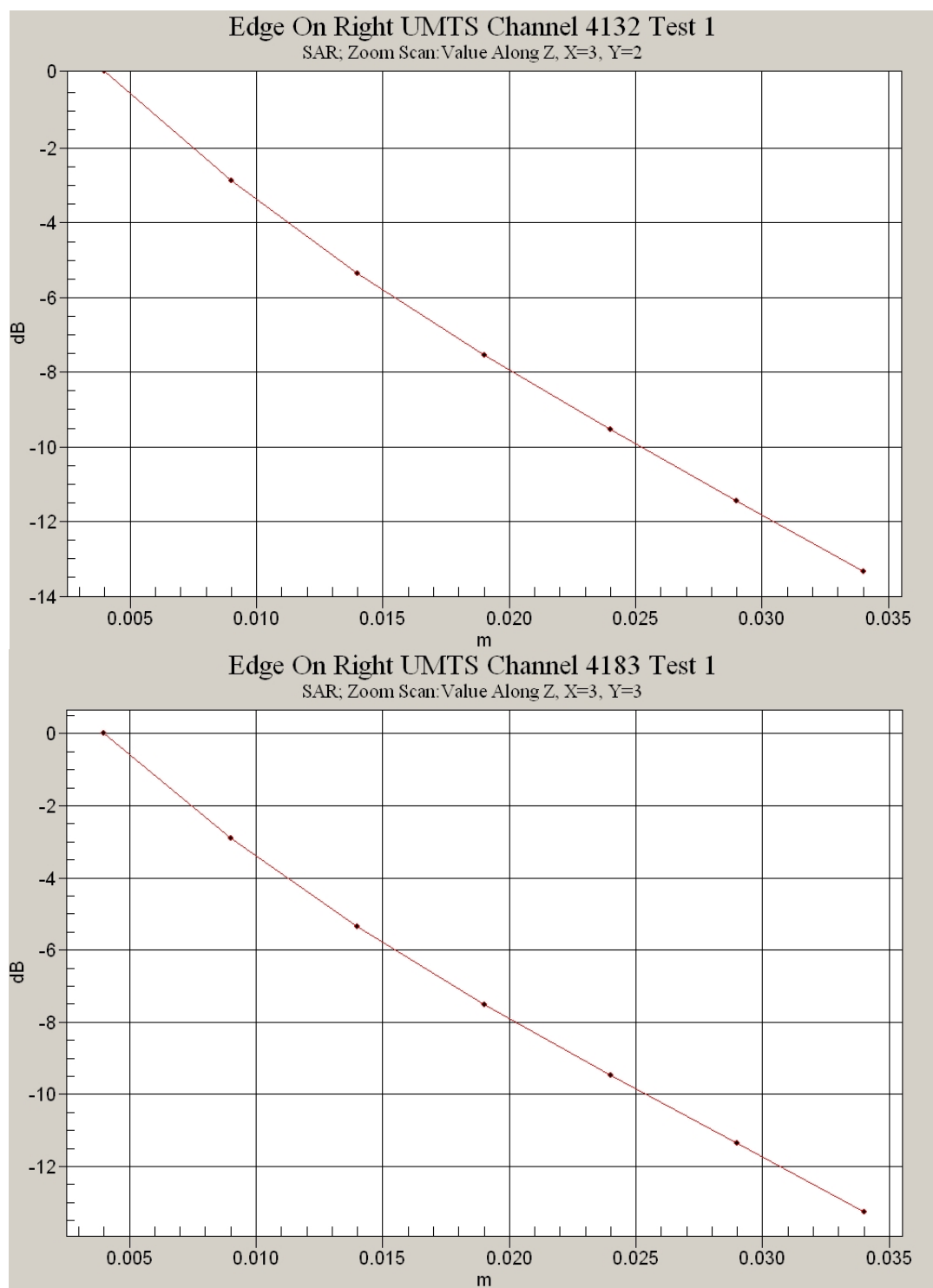
Maximum value of SAR (measured) = 0.748 mW/g

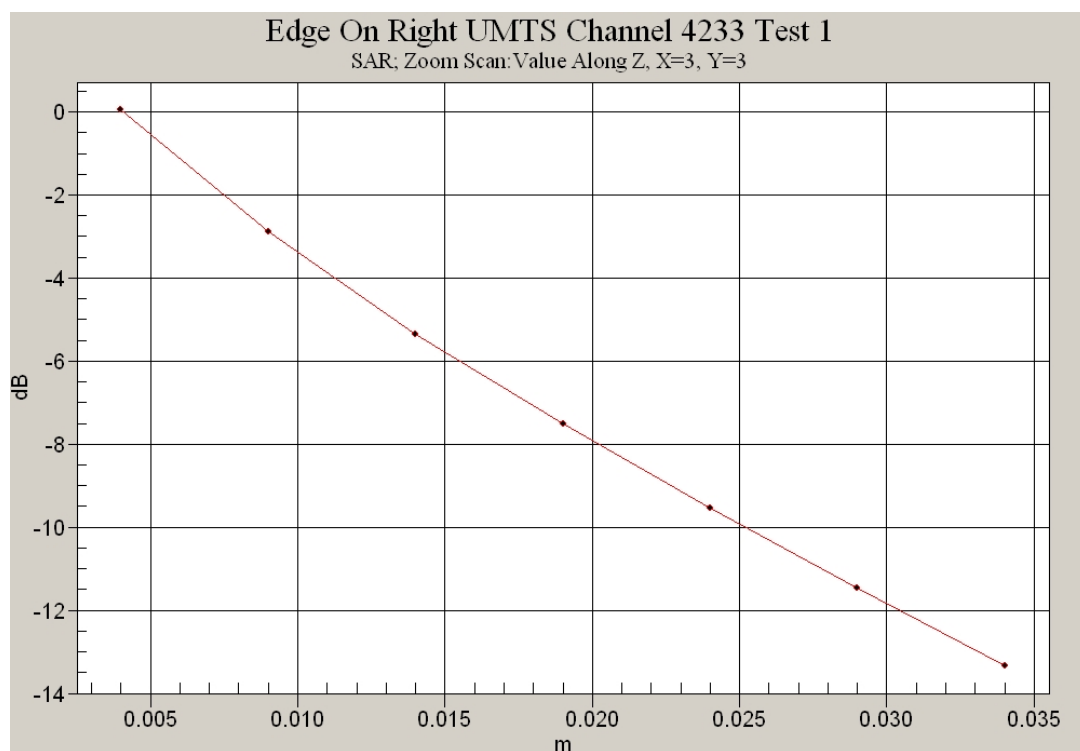


SAR MEASUREMENT PLOT 40

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %





Test Date: 26 November 2007

File Name: Edge On Right 850 MHz UMTS + HSDPA Champlain WiFi On 26-11-07.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: $\sigma = 0.964117$ mho/m, $\epsilon_r = 53.0106$; $\rho = 1000$ kg/m³

- 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) = 0.693 mW/g

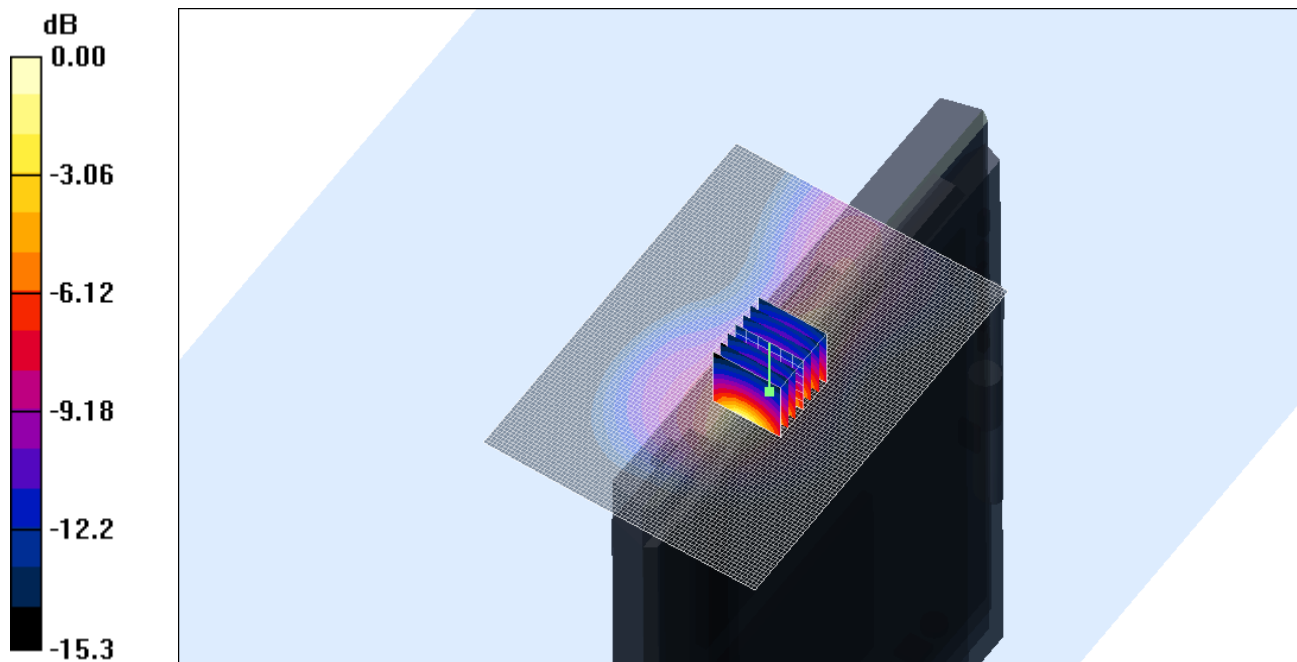
Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 0.705 mW/g



0 dB = 0.705mW/g

SAR MEASUREMENT PLOT 41

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 31 January 2008

File Name: [Edge On Top DSSS 2.45 GHz Champlain Antenna A Bluetooth Off 850MHz 3G 31-01-08.da4](#)

DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F

* Communication System: DSSS 2450 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.94329$ mho/m, $\epsilon_r = 51.9716$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1377; ConvF(3.98, 3.98, 3.98)

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

Channel 1 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.41 mW/g

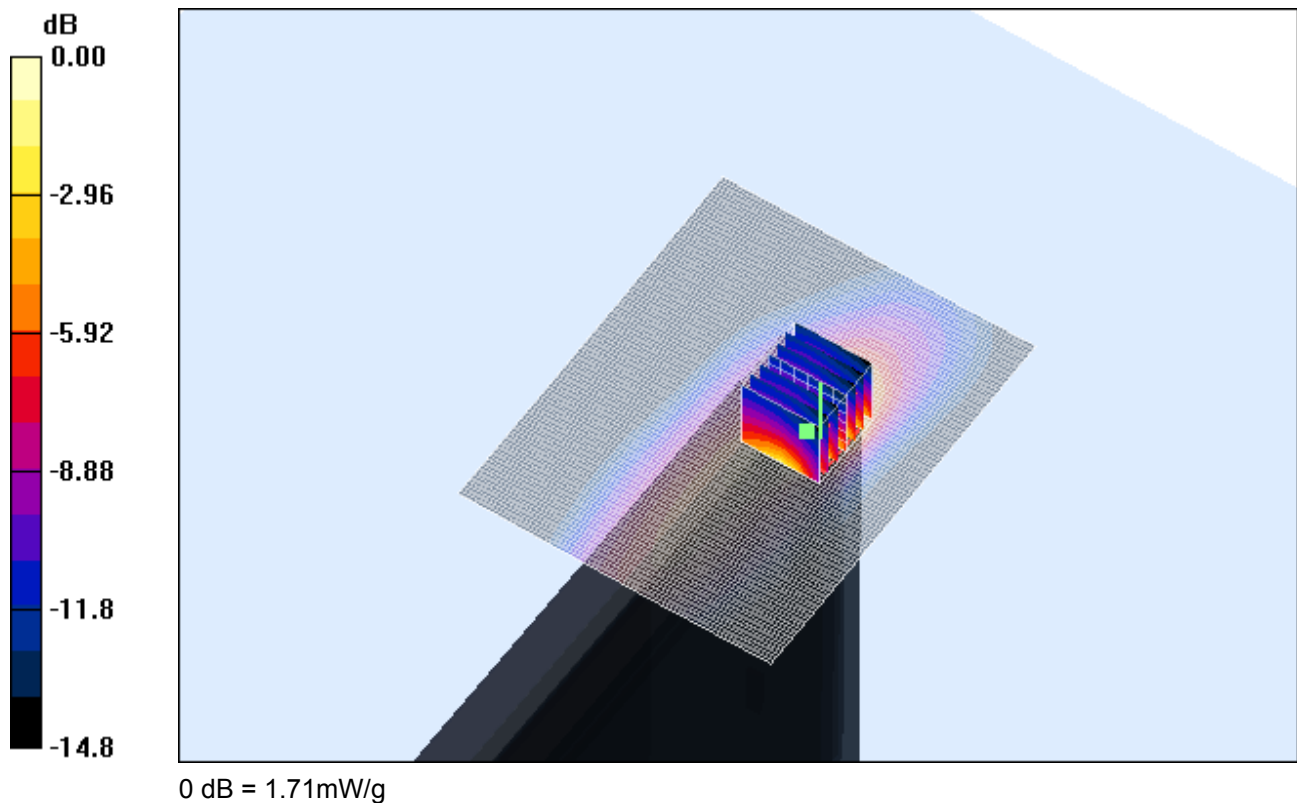
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.451 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.54 mW/g; SAR(10 g) = 0.745 mW/g

Maximum value of SAR (measured) = 1.71 mW/g



SAR MEASUREMENT PLOT 42

Ambient Temperature
Liquid Temperature
Humidity

21.4 Degrees Celsius
20.9 Degrees Celsius
63.0 %

Test Date: 11 February 2008

Multi-band WLAN + 850MHz UMTS Evaluation

DASY4 Configuration for Arm Held Position/Channel 4183 Test/Volume Scan:

Date/Time: 11/02/2008 8:47:30 AM

Test Laboratory: EMC Technologies

File Name: [Edge On Top OFDM \(HT0 Mbps 20 MHz\) 5.8 GHz Ant A 2dB Att BLT Off 850 MHz 3G \(Volumetric 3G part\) 11-02-08.da4](#)

DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F

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

Medium: Body 835 MHz Medium parameters used: $\sigma = 0.959924$ mho/m, $\epsilon_r = 53.0305$; $\rho = 1000$ kg/m³

Phantom section: Flat 2.2 Section

Measurement Standard: DASY4 (High Precision Assessment)

- Probe: ET3DV6 - SN1377; ConvF(6.03, 6.03, 6.03); Calibrated: 9/07/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 17/12/2007
- Measurement SW: DASY4, V4.7 Build 53

DASY4 Configuration for Arm Held Position/Channel 157 Test 2/Volume Scan:

Date/Time: 11/02/2008 1:48:39 PM

Test Laboratory: EMC Technologies

File Name: [Edge On Top OFDM \(HT0 Mbps 20 MHz\) 5.8 GHz Ant A 2dB Att BLT Off \(Volumetric WiFi part\) 11-02-08.da4](#)

DUT: Fujitsu Tablet Champlain with Kedron 11abgn and Bluetooth; Type: 4965ABG; Serial: MAC: 0013E8175E6F

Communication System: OFDM 5770 MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: Body 5600 MHz Medium parameters used: $\sigma = 6.08734$ mho/m, $\epsilon_r = 47.8207$; $\rho = 1000$ kg/m³

Phantom section: Flat 2.2 Section

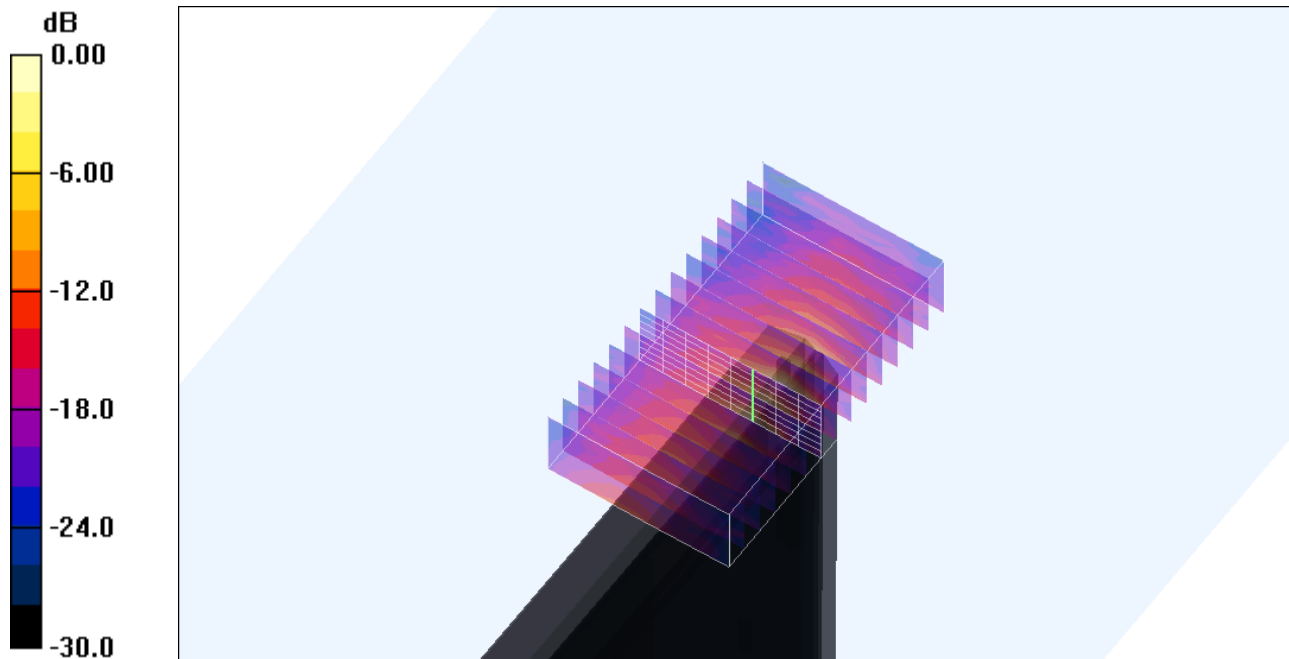
Measurement Standard: DASY4 (High Precision Assessment)

- Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64); Calibrated: 14/07/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 17/12/2007
- Measurement SW: DASY4, V4.7 Build 53

Multi Band Result:

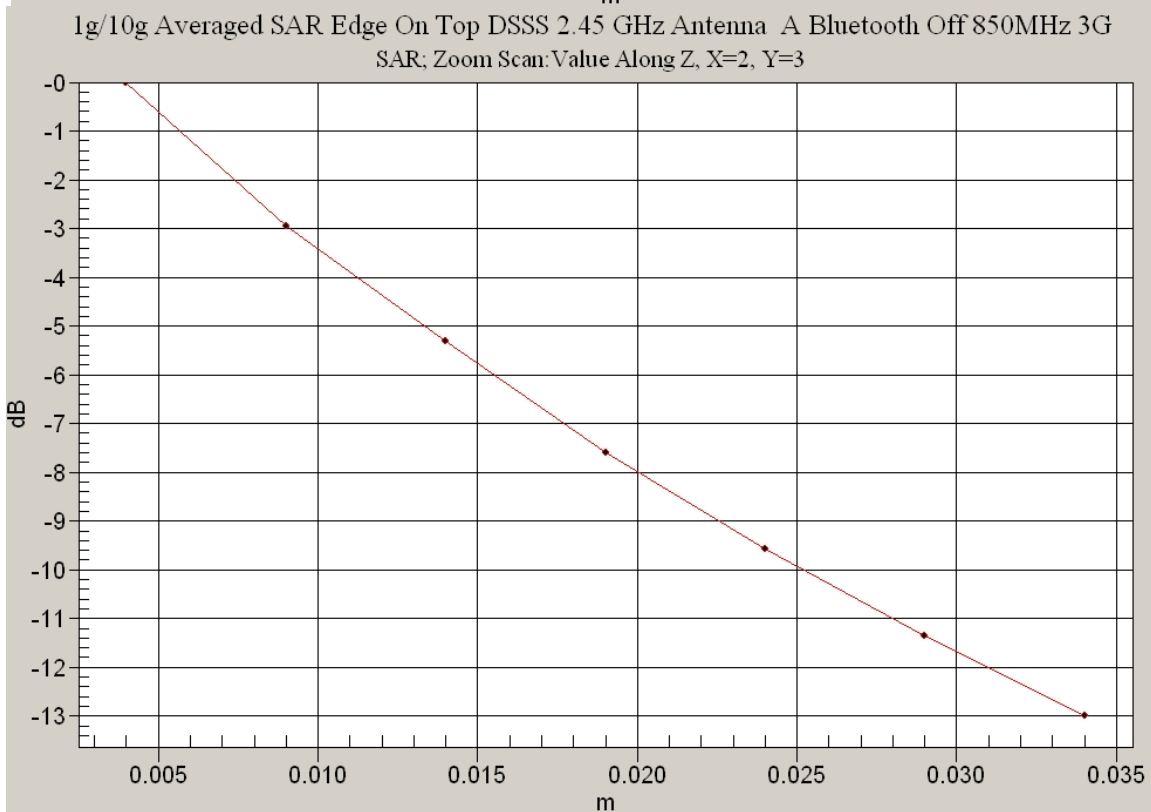
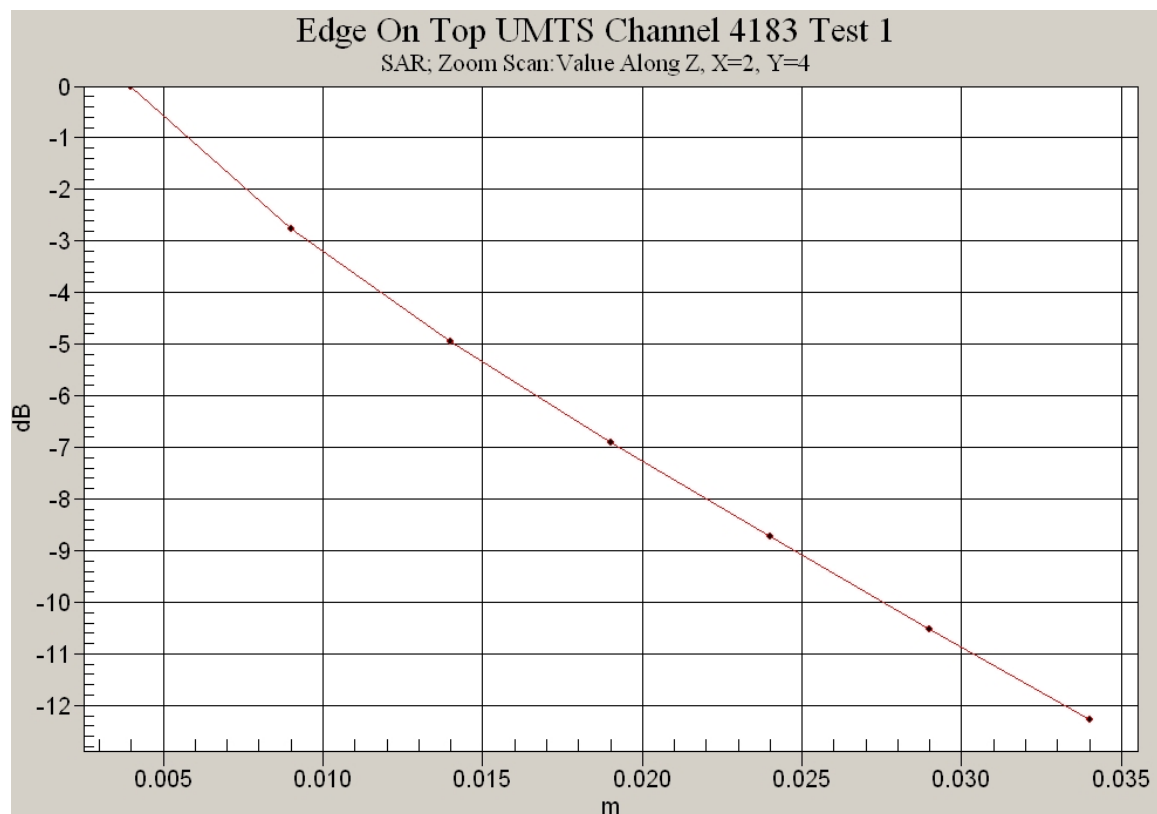
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.349 mW/g

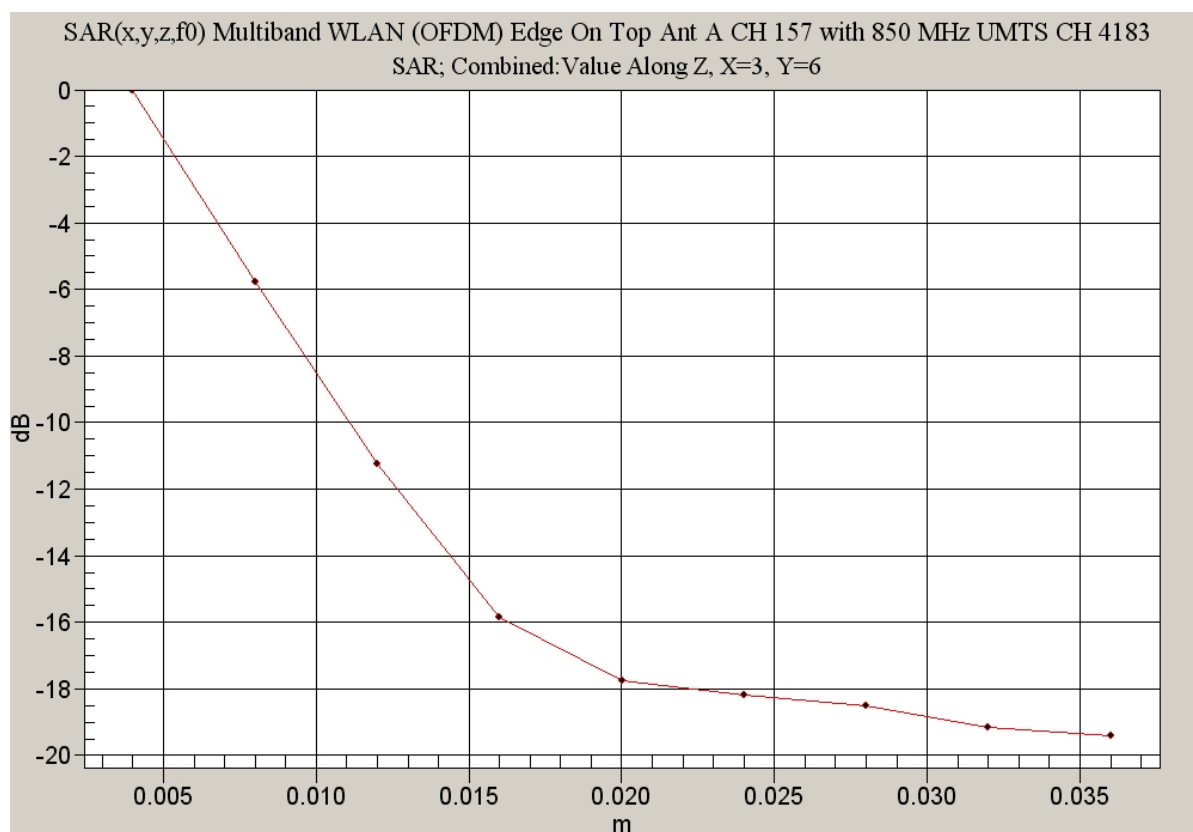
Maximum value of SAR (measured) = 1.62 mW/g



0 dB = 1.62mW/g

SAR MEASUREMENT PLOT 43





Test Date: 26 November 2007

File Name: Tablet 1900 MHz UMTS Champlain Prescan 26-11-07.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

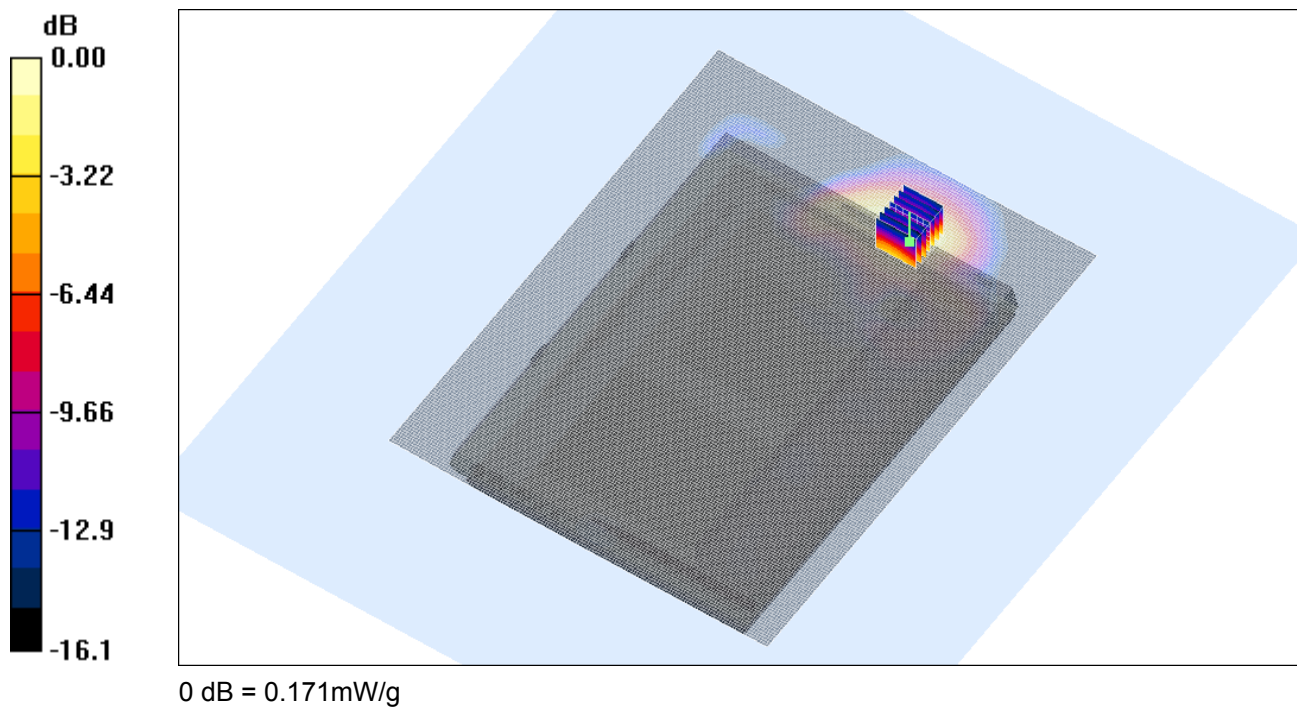
* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- 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 9400 Test/Area Scan (141x181x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.167 mW/g



SAR MEASUREMENT PLOT 44

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Top 1900 MHz UMTS Champlain Prescan 26-11-07.da4

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

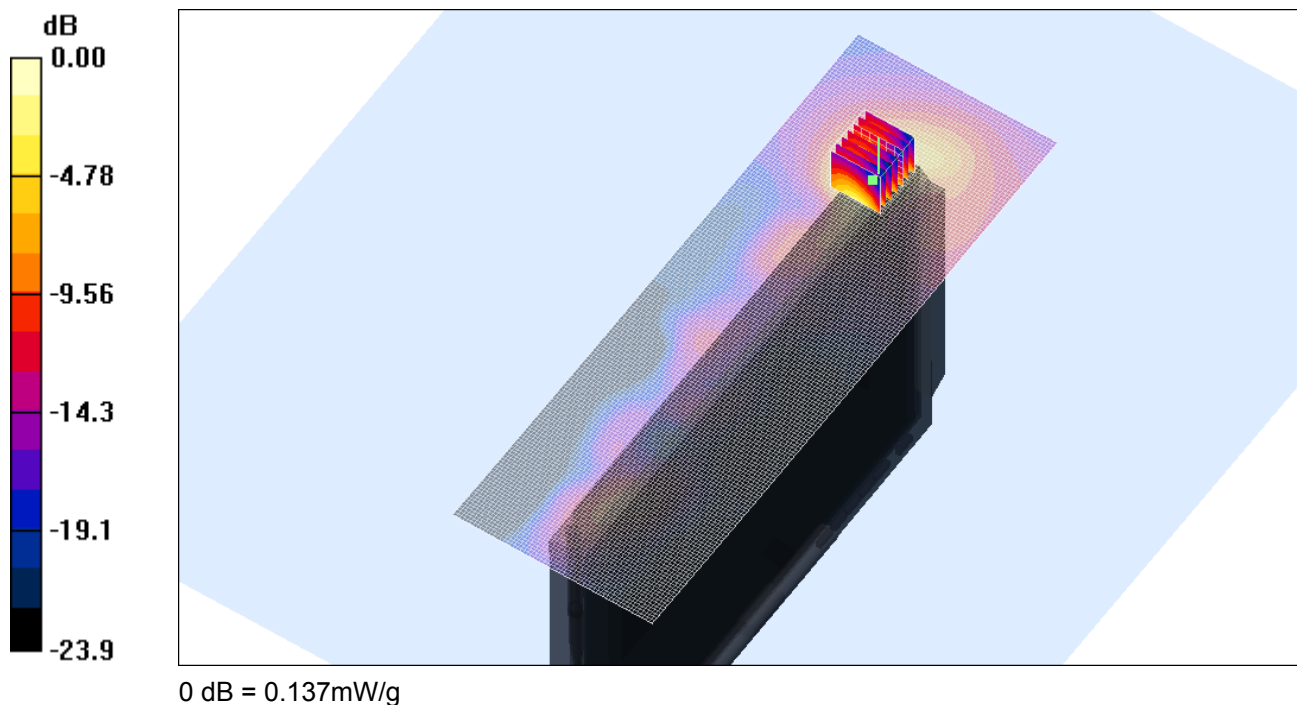
* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- 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 9400 Test/Area Scan (61x181x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.120 mW/g



SAR MEASUREMENT PLOT 45

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS Champlain Prescan 26-11-07.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

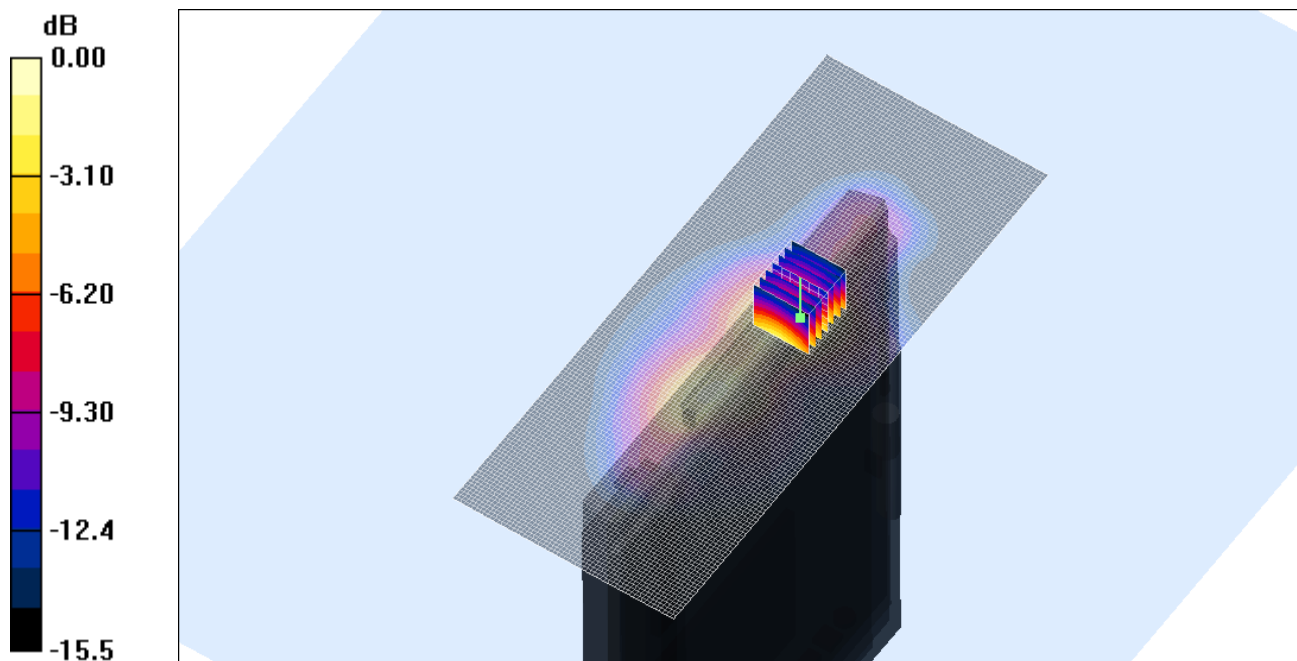
* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- 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 9400 Test/Area Scan (61x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.418 mW/g



0 dB = 0.438mW/g

SAR MEASUREMENT PLOT 46

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Laps On 1900 MHz UMTS Champlain Prescan 26-11-07.da4

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

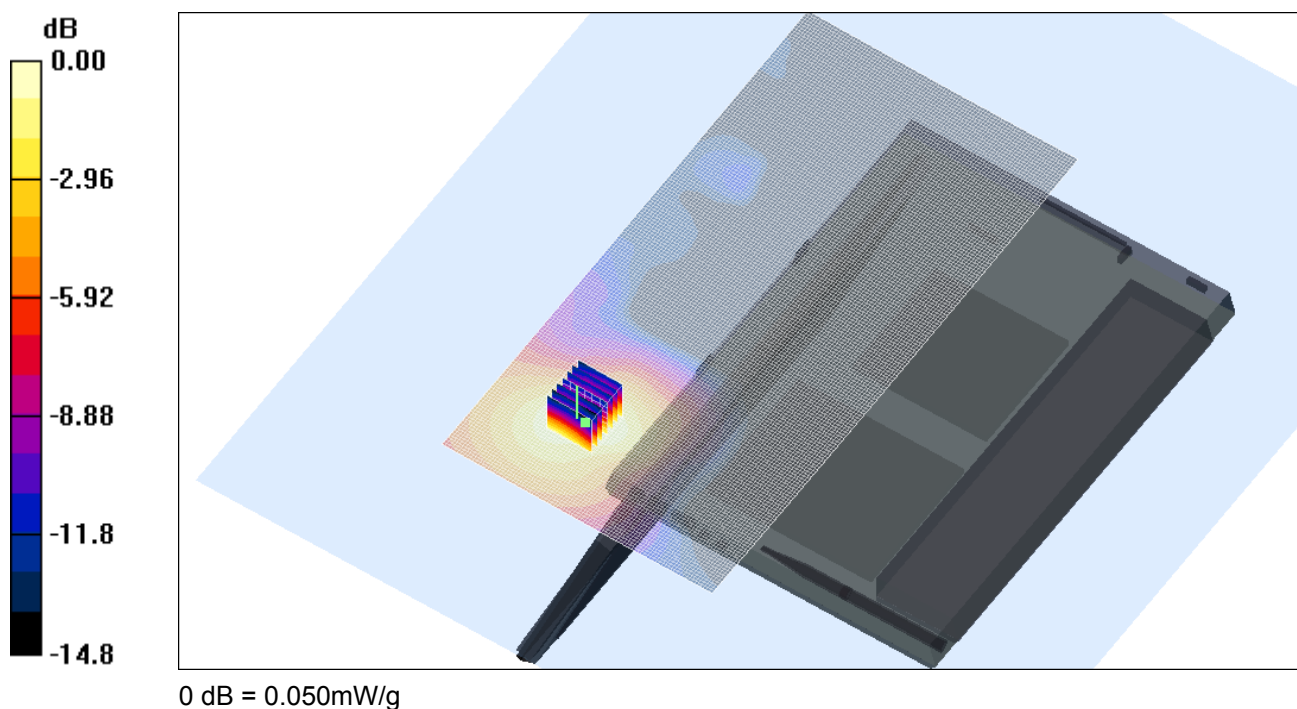
* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- 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 9400 Test/Area Scan (91x181x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.047 mW/g



SAR MEASUREMENT PLOT 47

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Tablet 1900 MHz UMTS Champlain 26-11-07.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- 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 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.77 V/m; Power Drift = 0.065 dB

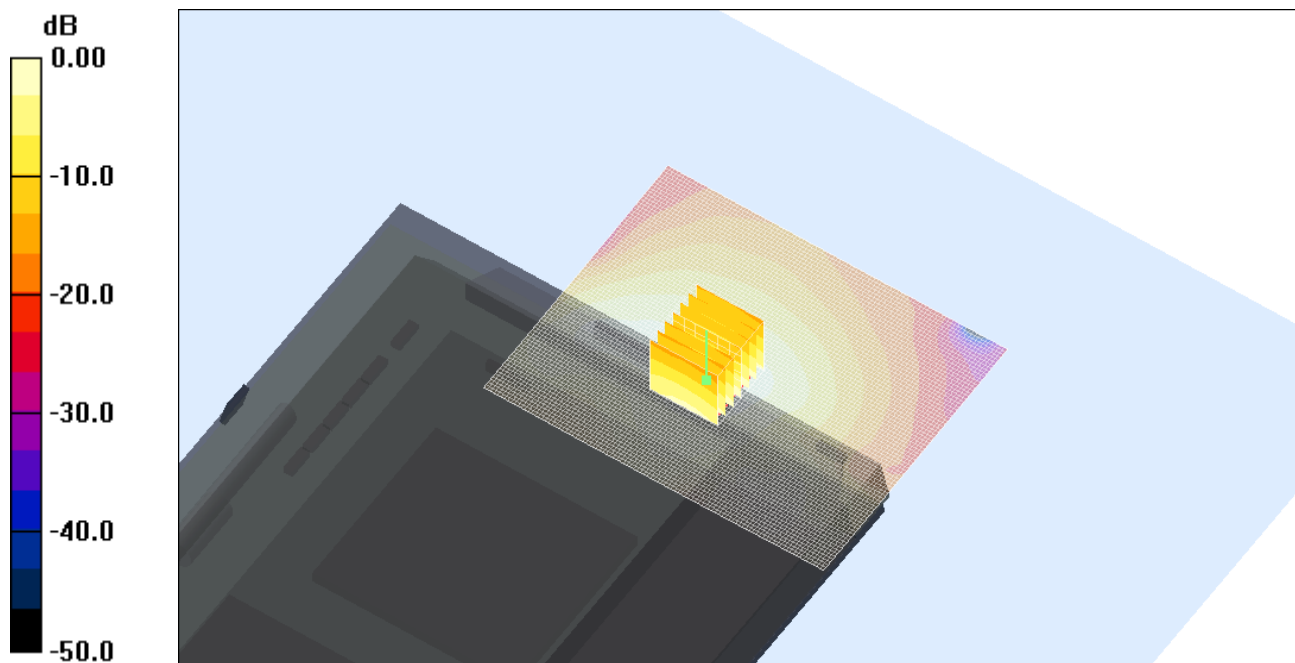
Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.169 mW/g

Channel 9400 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.157 mW/g



0 dB = 0.157mW/g

SAR MEASUREMENT PLOT 48

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Top 1900 MHz UMTS Champlain 26-11-07.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- 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 9400 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

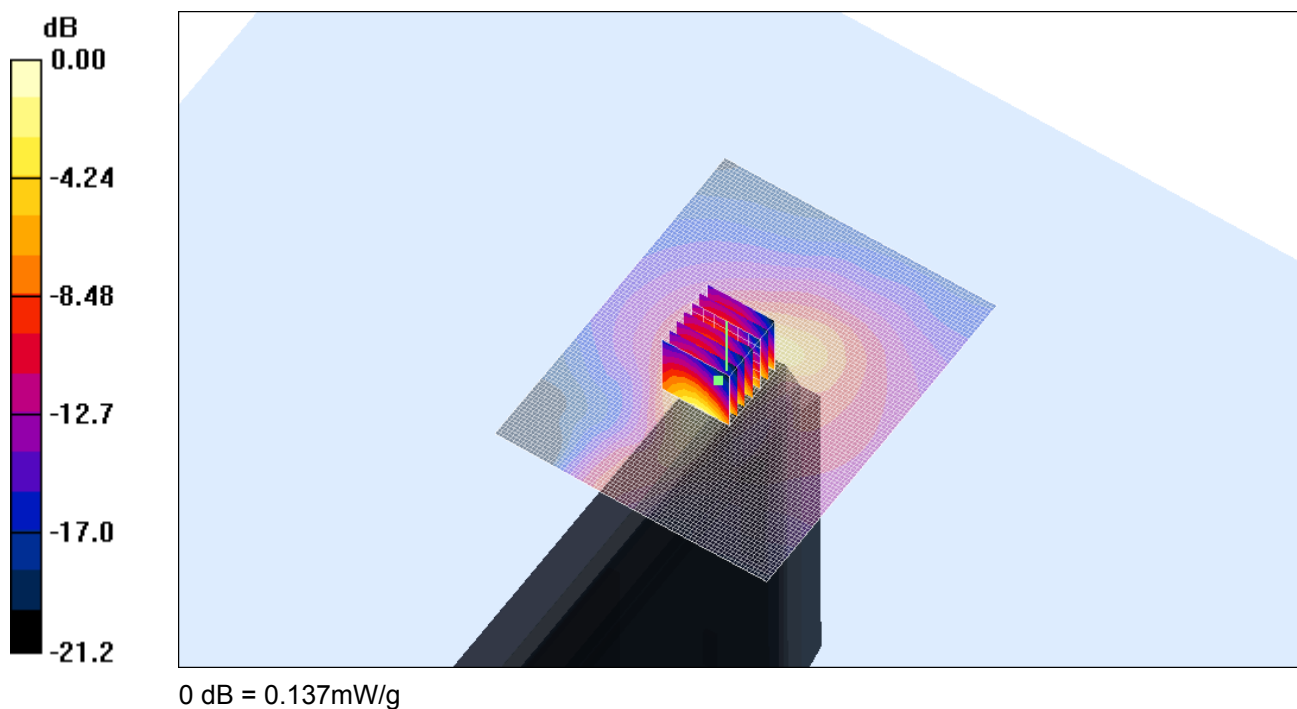
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.39 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.066 mW/g

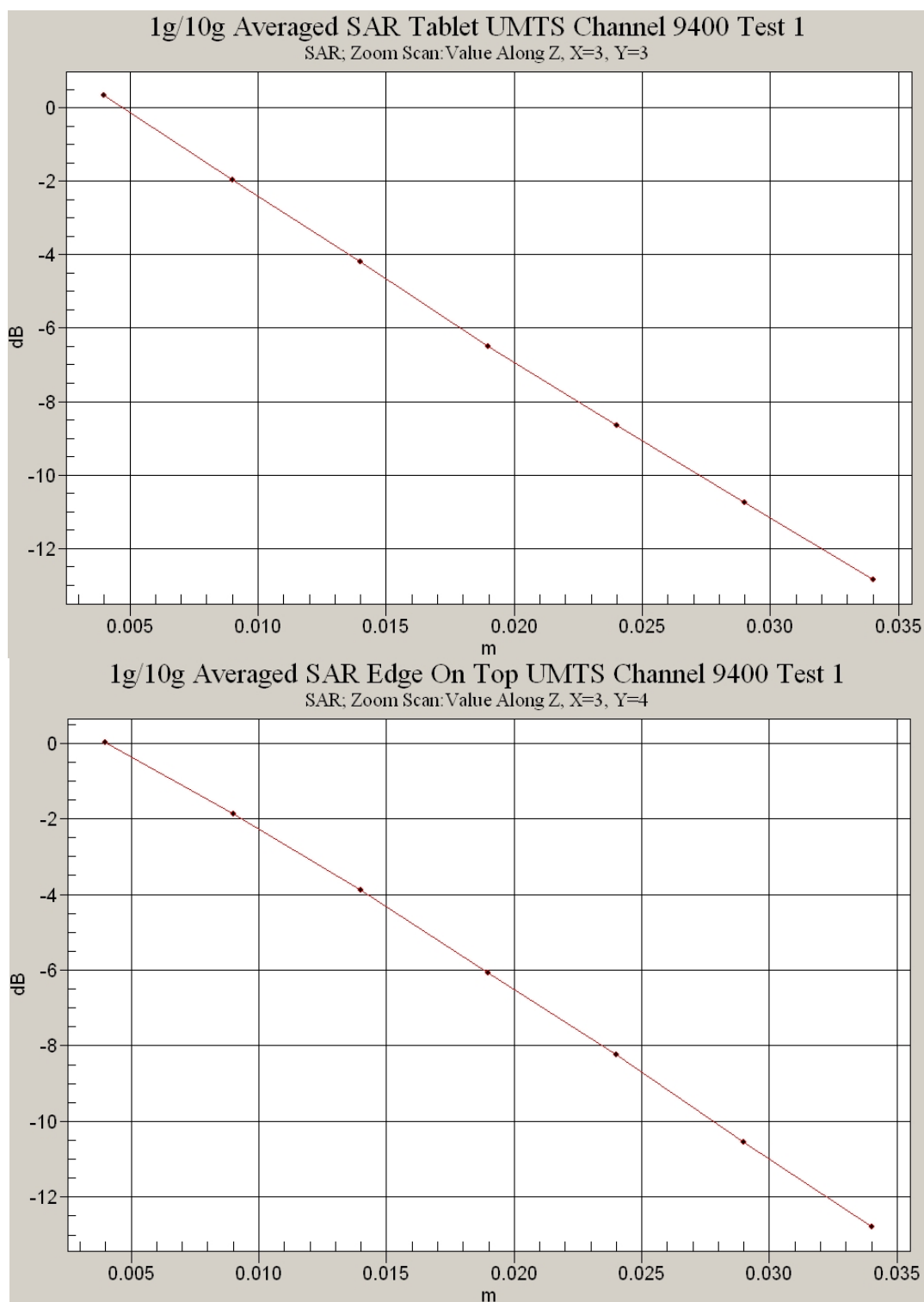
Maximum value of SAR (measured) = 0.137 mW/g



SAR MEASUREMENT PLOT 49

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %



Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS + HSDPA Champlain 26-11-07b.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1852.4 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.53559$ mho/m, $\epsilon_r = 51.6428$; $\rho = 1000$ kg/m³

- 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 9262 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.411 mW/g

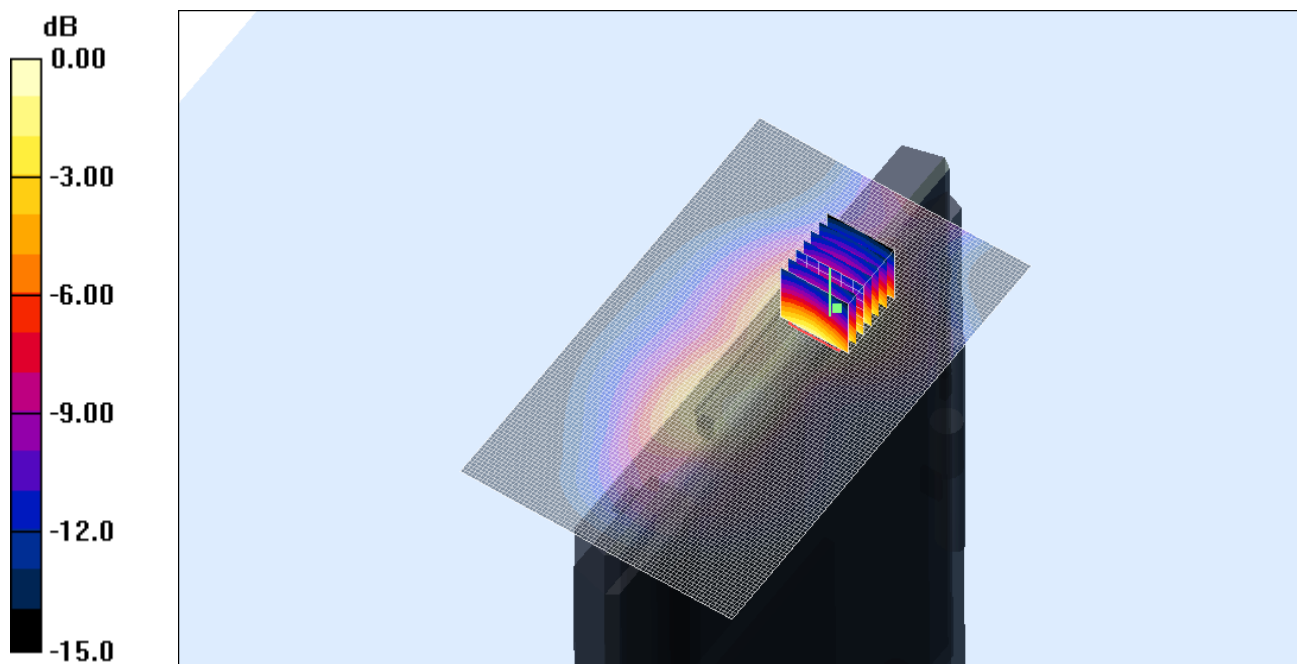
Channel 9262 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.392mW/g

SAR MEASUREMENT PLOT 50

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 26 November 2007

File Name: Edge On Right 1900 MHz UMTS + HSDPA Champlain 26-11-07b.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55747$ mho/m, $\epsilon_r = 51.5592$; $\rho = 1000$ kg/m³

- 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 9400 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.447 mW/g

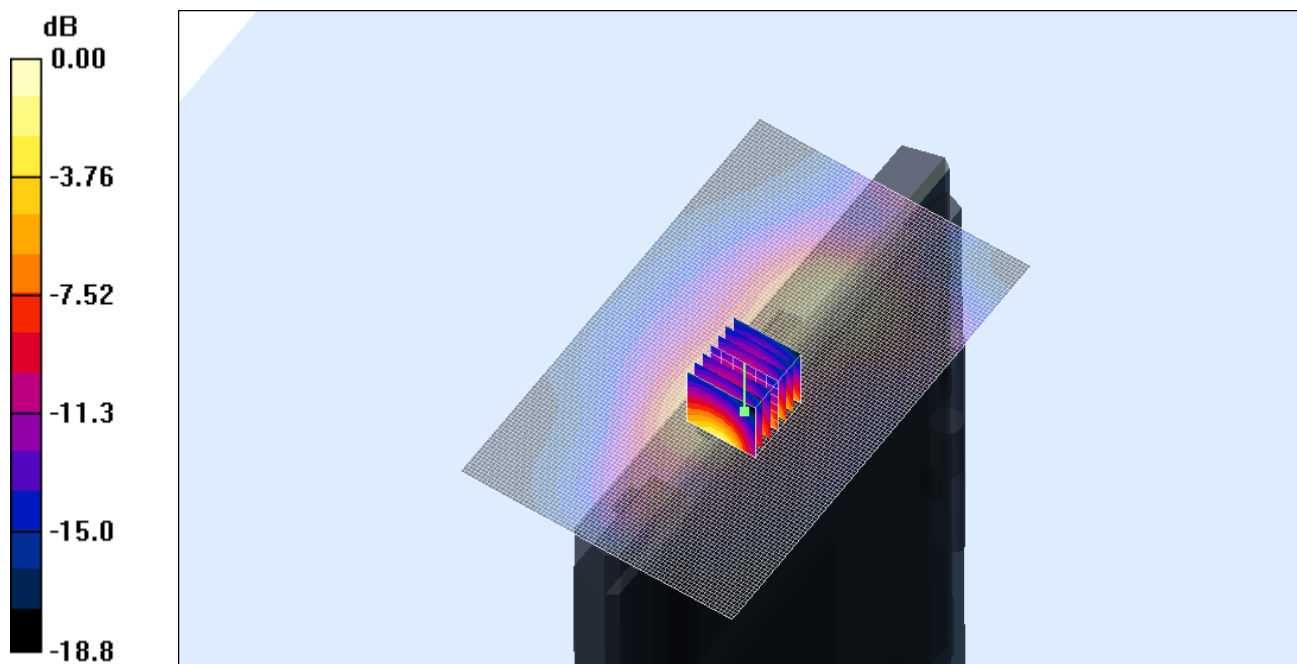
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.514 mW/g



0 dB = 0.514mW/g

SAR MEASUREMENT PLOT 51

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %