

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

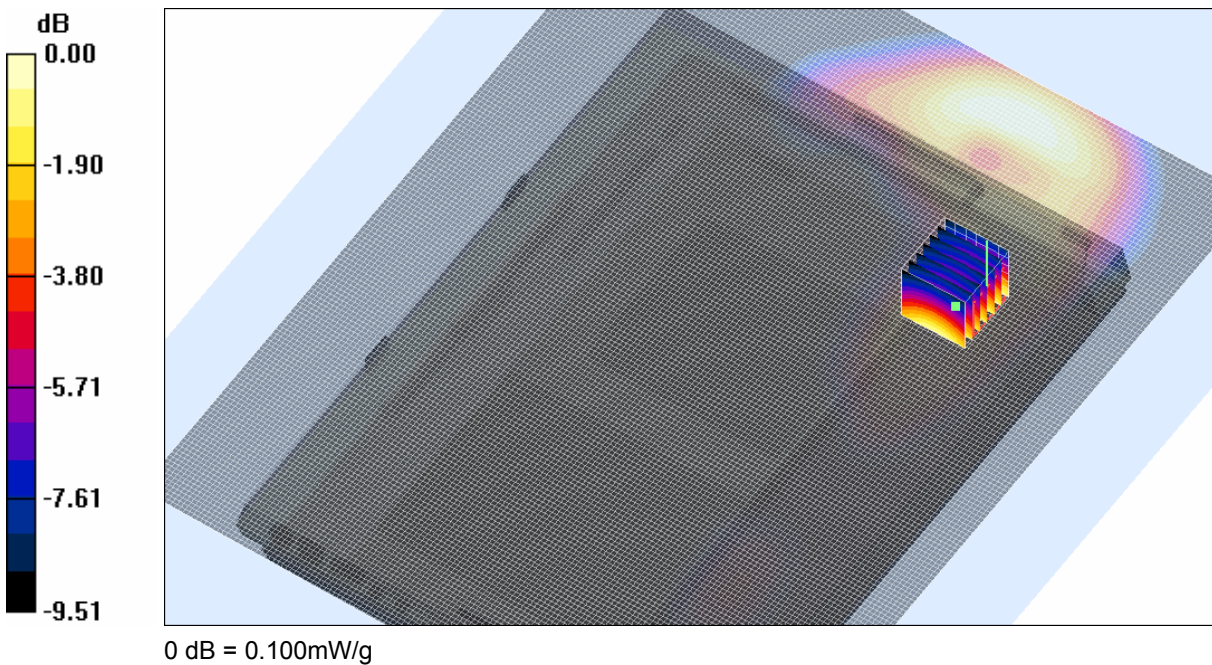
* Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.956357$ mho/m, $\epsilon_r = 53.0302$; $\rho = 1000$ kg/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) = 0.101 mW/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 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

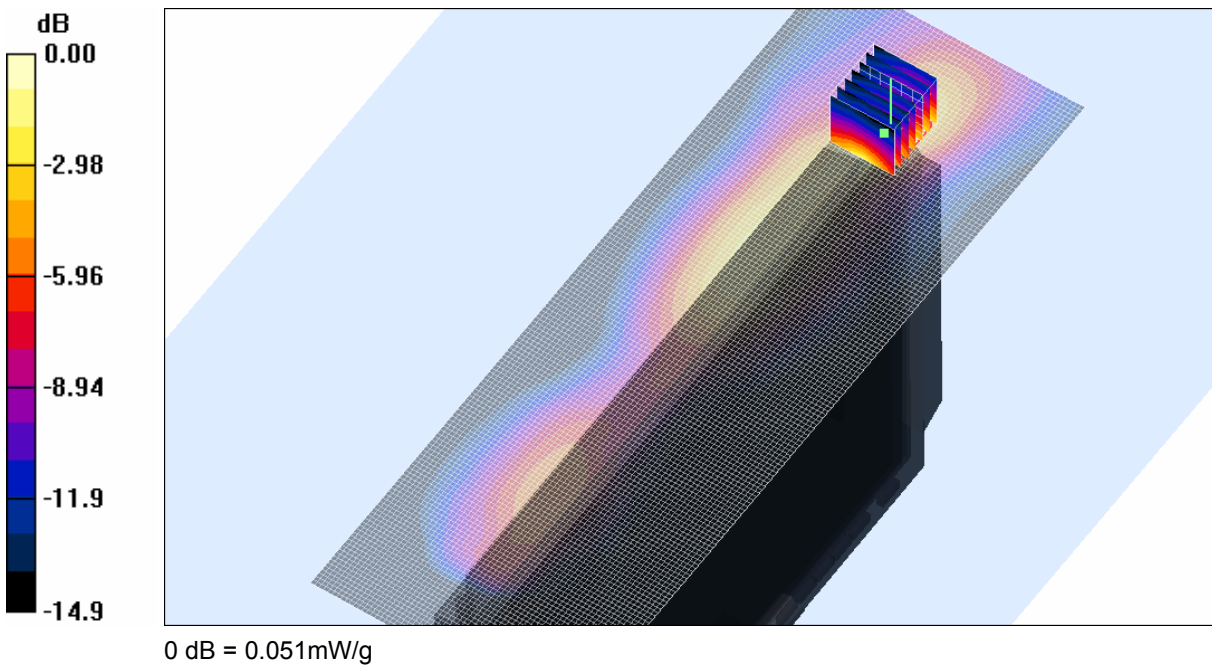
* Medium parameters used: $\sigma = 0.956357$ mho/m, $\epsilon_r = 53.0302$; $\rho = 1000$ kg/m³

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

Maximum value of SAR (interpolated) = 0.046 mW/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 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

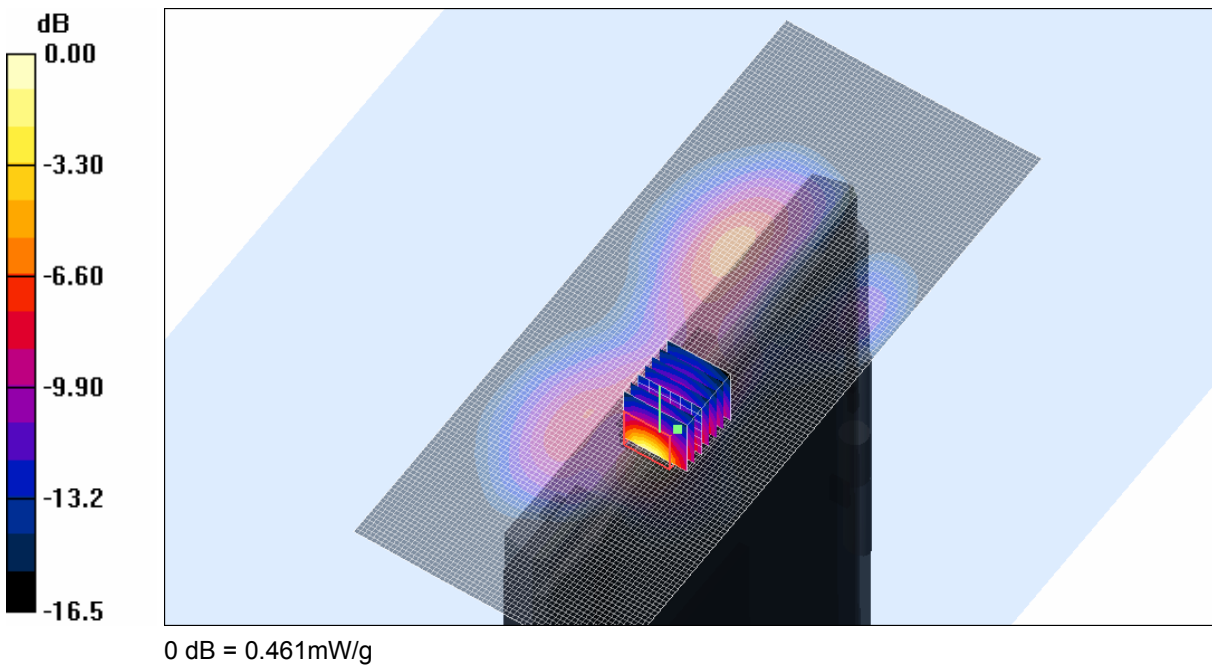
* Medium parameters used: $\sigma = 0.956357$ mho/m, $\epsilon_r = 53.0302$; $\rho = 1000$ kg/m³

- 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) = 0.216 mW/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: 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

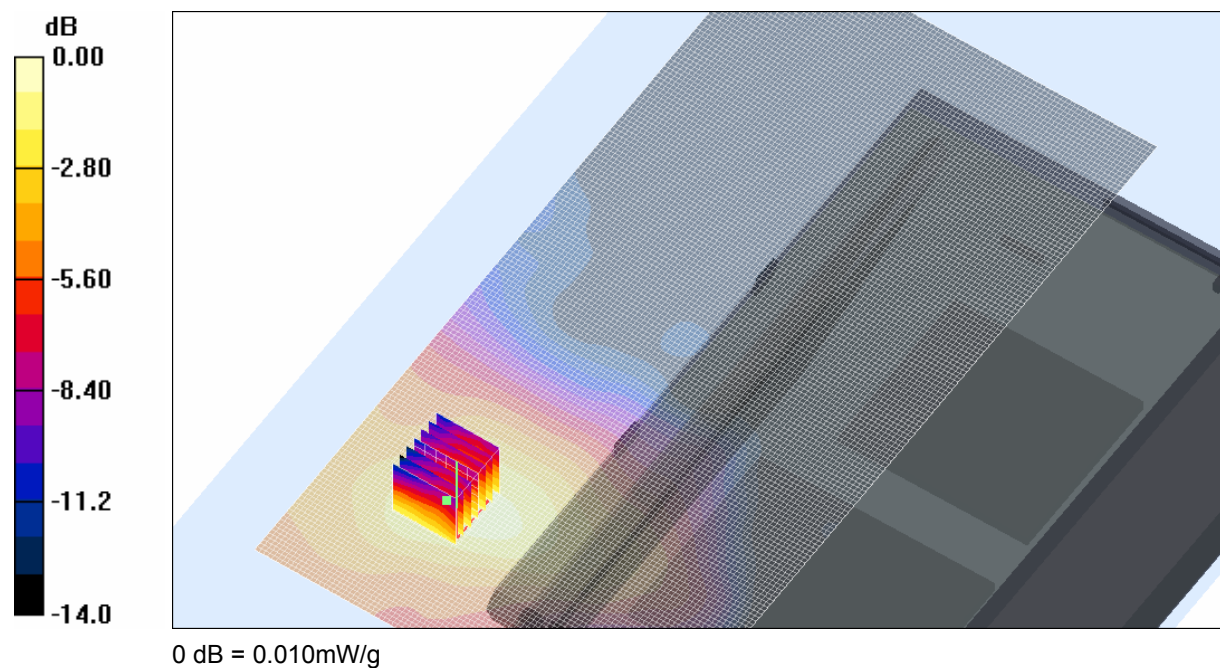
* Medium parameters used: $\sigma = 0.956357$ mho/m, $\epsilon_r = 53.0302$; $\rho = 1000$ kg/m³

- 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) = 0.01 mW/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 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/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) = 0.490 mW/g

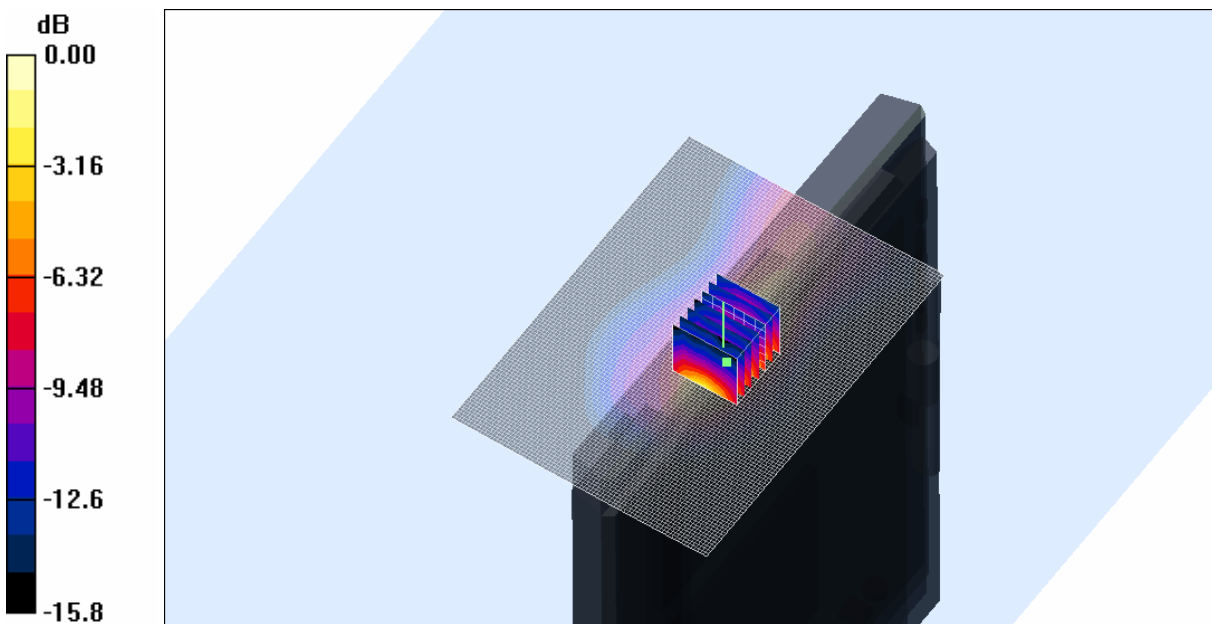
Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

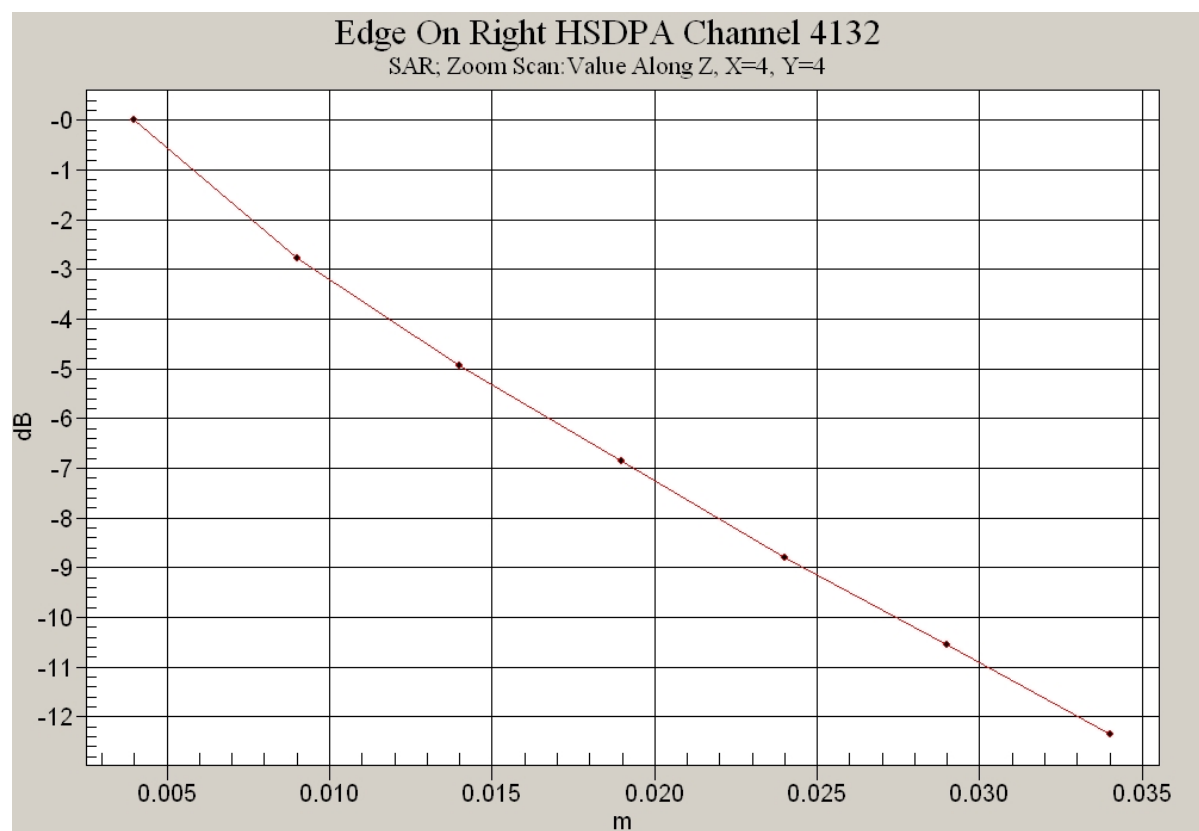


0 dB = 0.572mW/g

SAR MEASUREMENT PLOT 34

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/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) = 0.436 mW/g

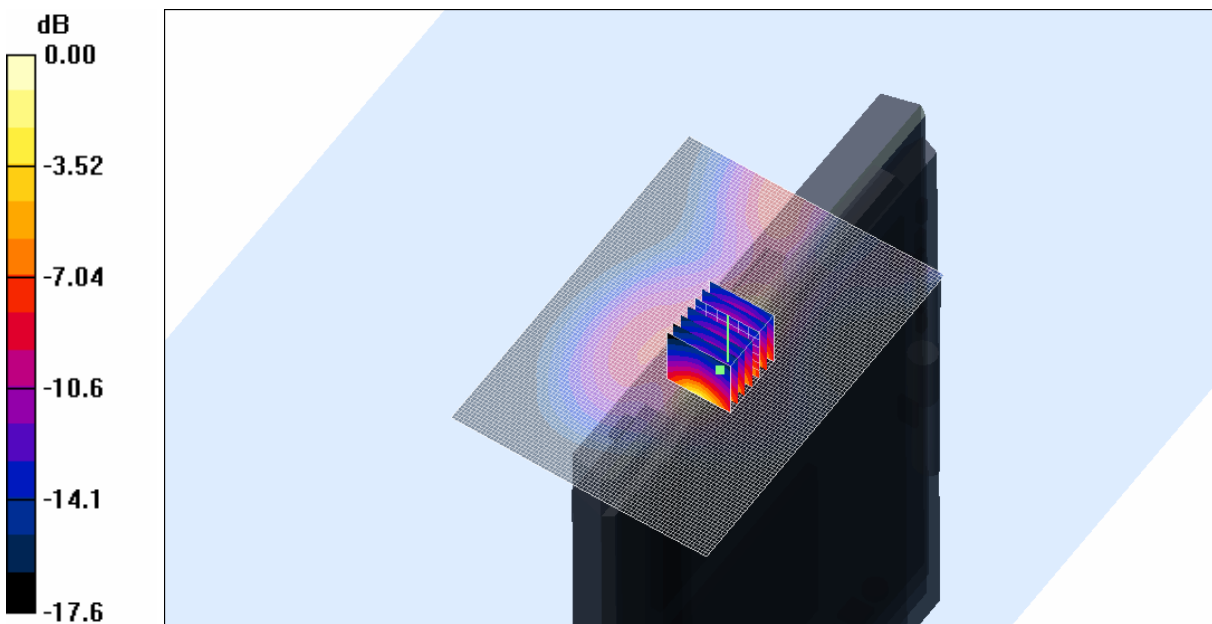
Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 35

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/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 2/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.521 mW/g

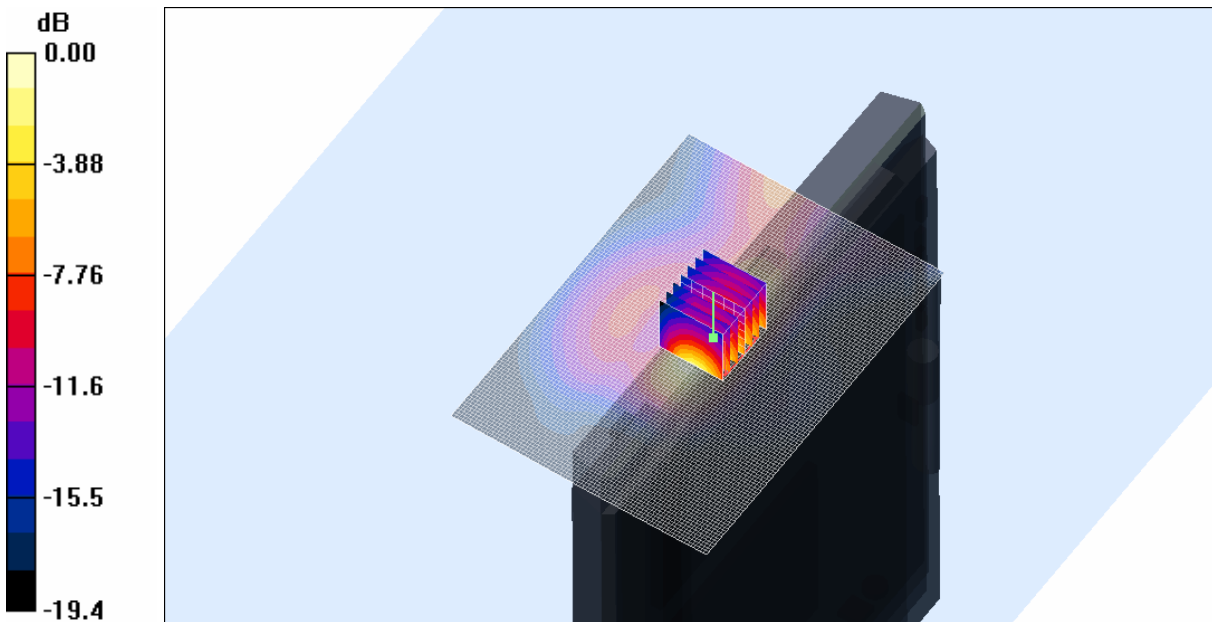
Channel 4183 Test 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 36

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/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) = 0.517 mW/g

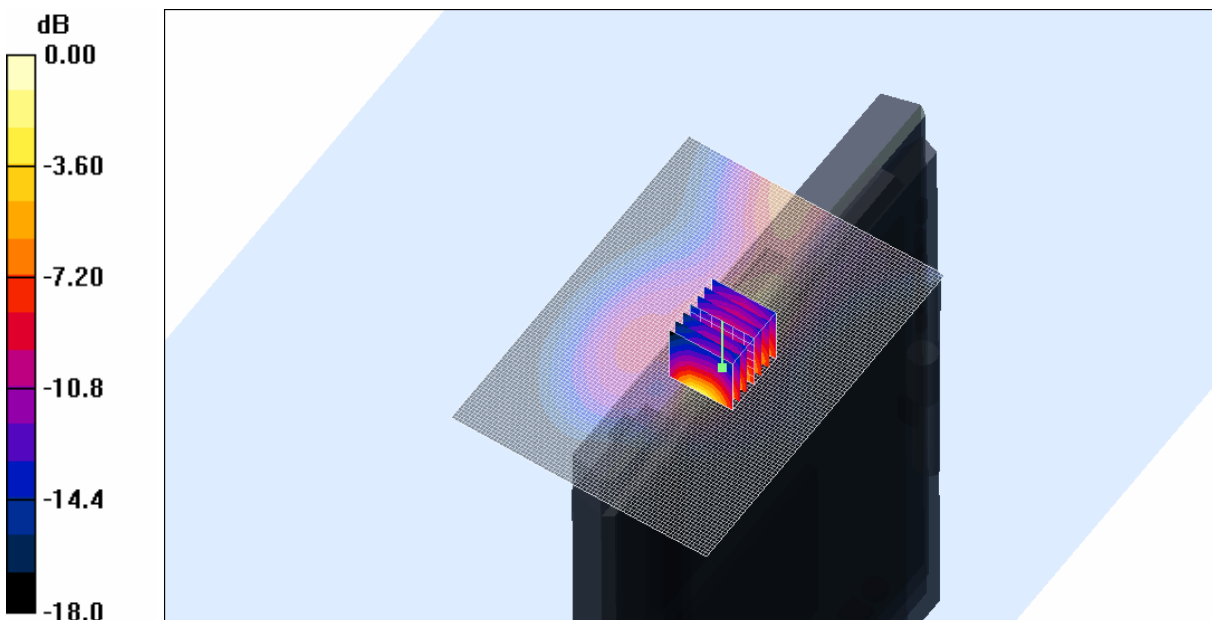
Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 37

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

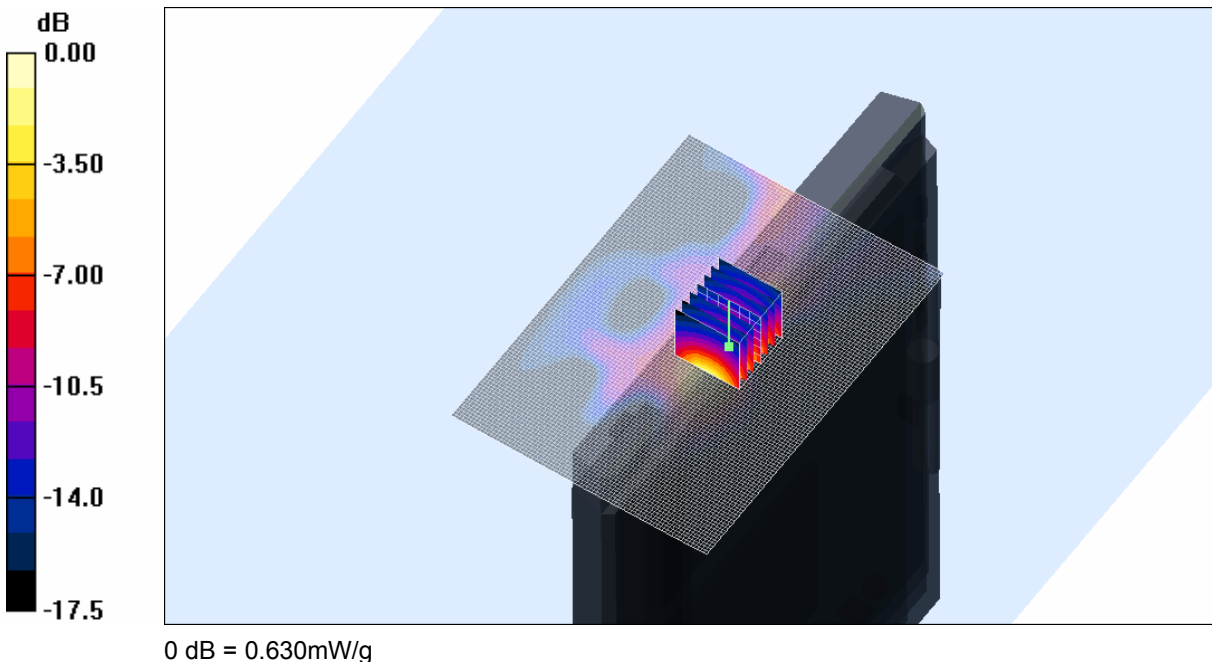
* Medium parameters used: $\sigma = 0.938416$ mho/m, $\epsilon_r = 53.1859$; $\rho = 1000$ kg/m³

- 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 2 2/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.547 mW/g

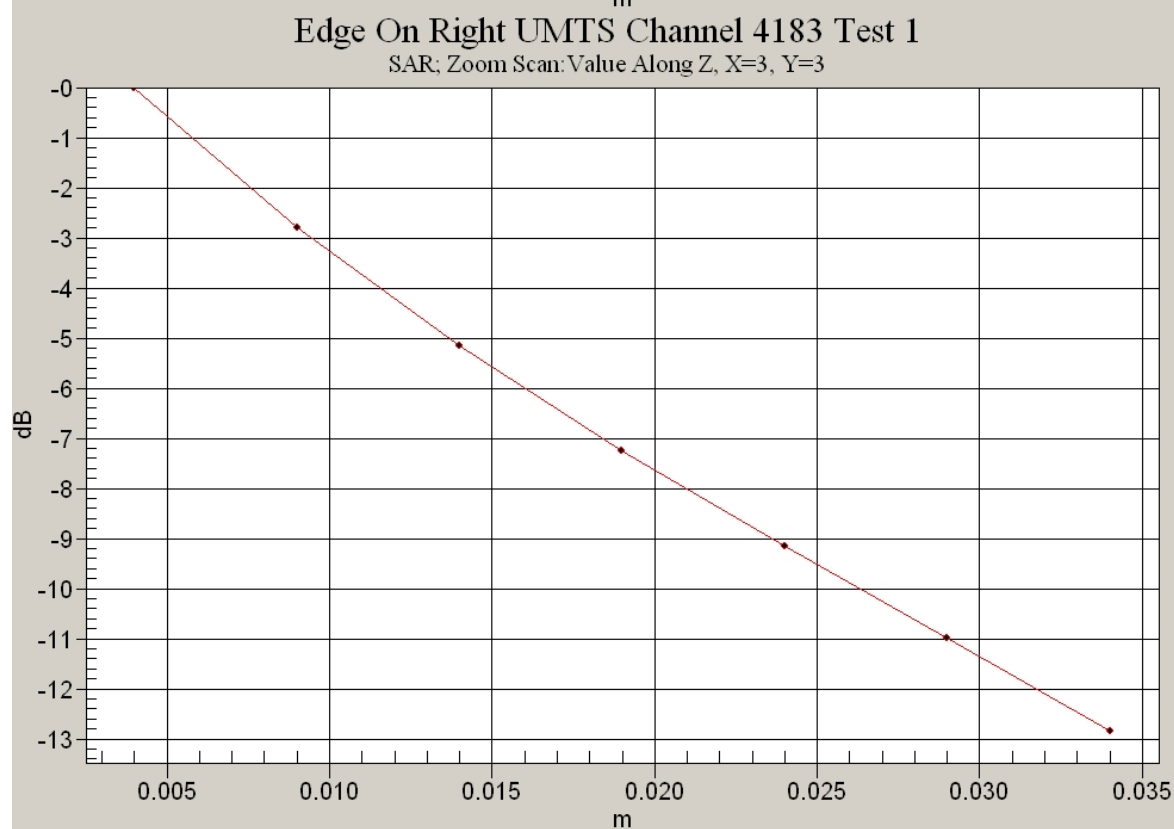
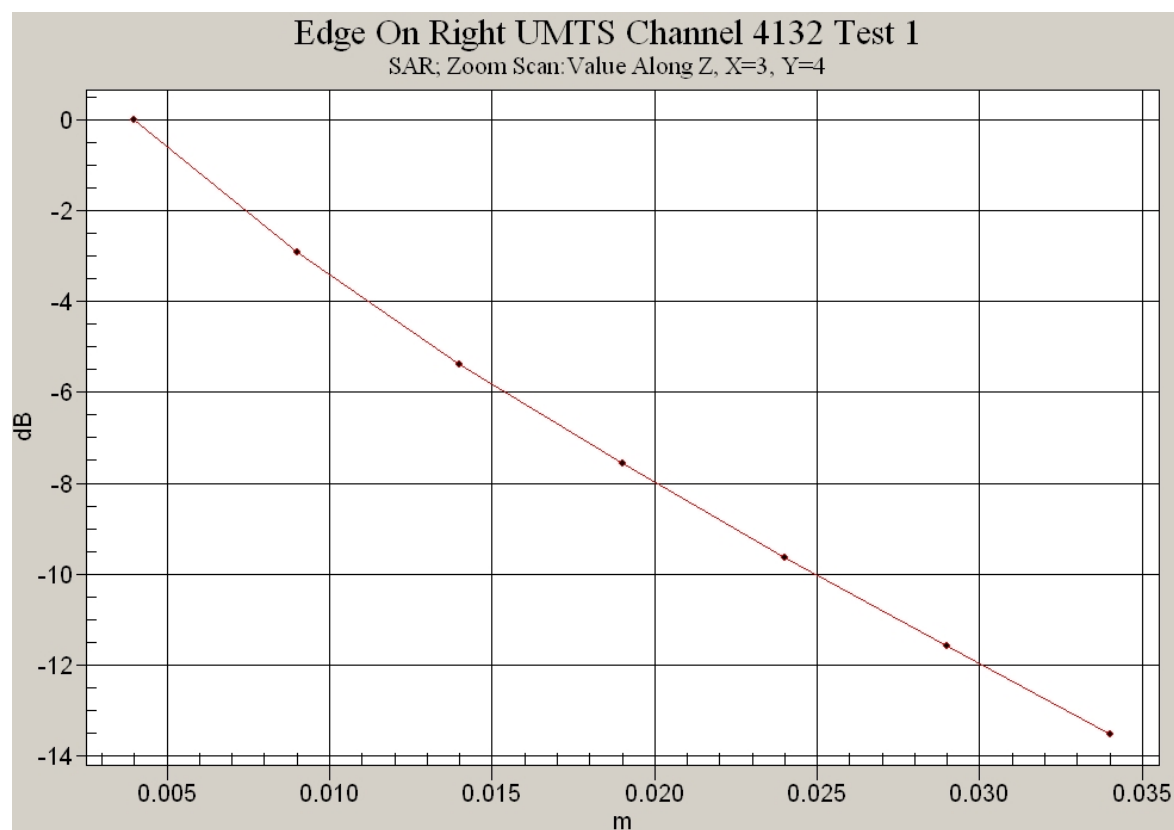
Channel 4132 Test 2 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = 0.343 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.630 mW/g

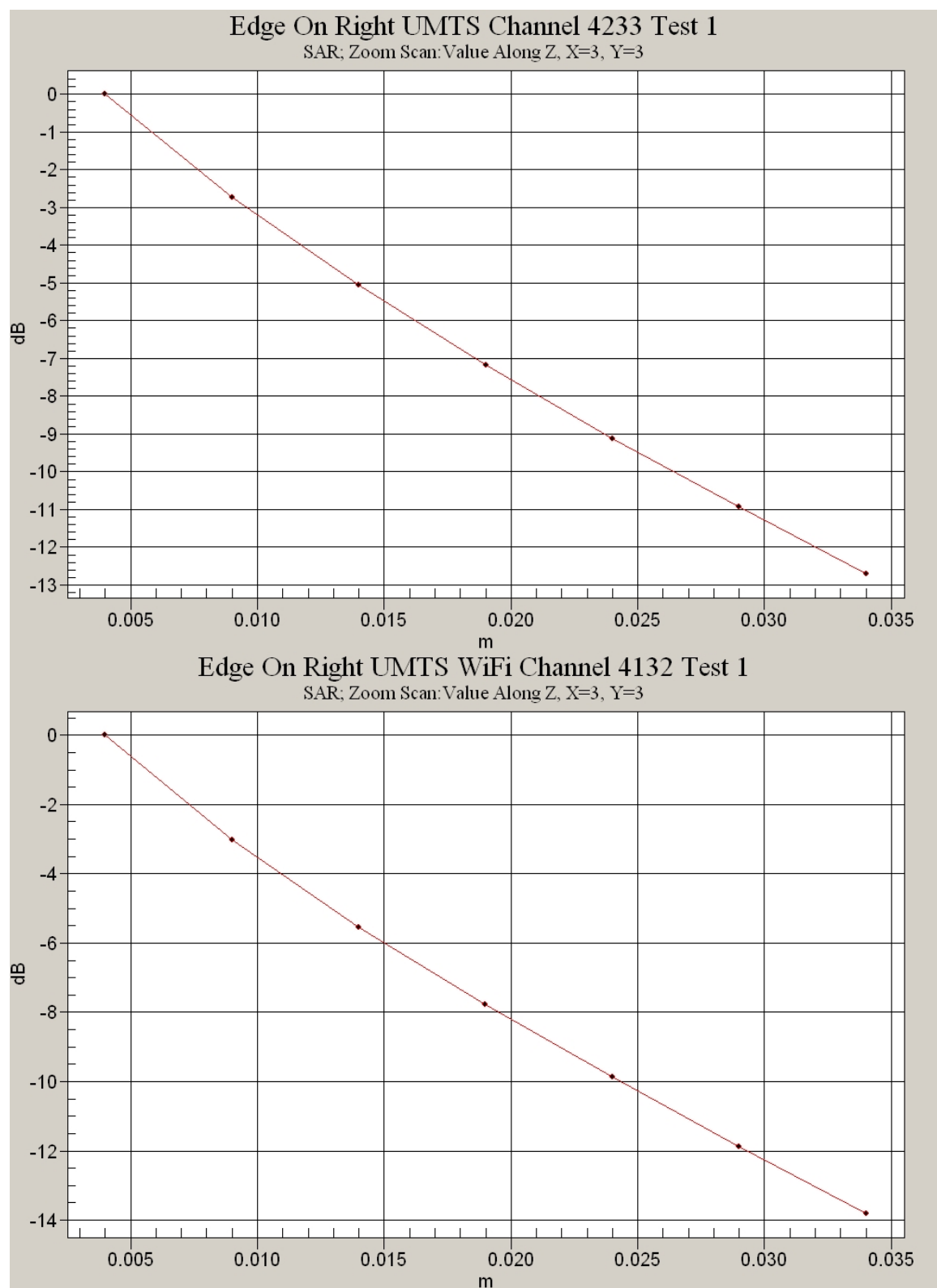


SAR MEASUREMENT PLOT 38

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %





Test Date: 04 February 2008

File Name: Edge On Top DSSS 2.45 GHz Champlain Antenna B Bluetooth Off 850MHz 3G 04-02-08.da4

DUT: Fujitsu Tablet Champlain with Atheros 11abg and Bluetooth; Type: AR5BXB6; Serial: ZX7323727

* Communication System: DSSS 2450 MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.99487$ mho/m, $\epsilon_r = 51.7595$; $\rho = 1000$ 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 6 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.991 mW/g

Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.490 mW/g

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

0 dB = 1.15mW/g

SAR MEASUREMENT PLOT 39

Ambient Temperature

21.8 Degrees Celsius

Liquid Temperature

21.2 Degrees Celsius

Humidity

65.0 %



Test Date: 04 February 2008

File Name: Edge On Top OFDM 5.8 GHz Champlain Antenna A Bluetooth Off 850 MHz 3G 05-02-08.da4

DUT: **Fujitsu Tablet Champlain with Atheros 11abg and Bluetooth; Type: AR5BXB6; Serial: ZX7323727**

* Communication System: OFDM 5770 MHz; Frequency: 5825 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 6.15936$ mho/m, $\epsilon_r = 47.6663$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.64, 3.64, 3.64)

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

Channel 165 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.940 mW/g

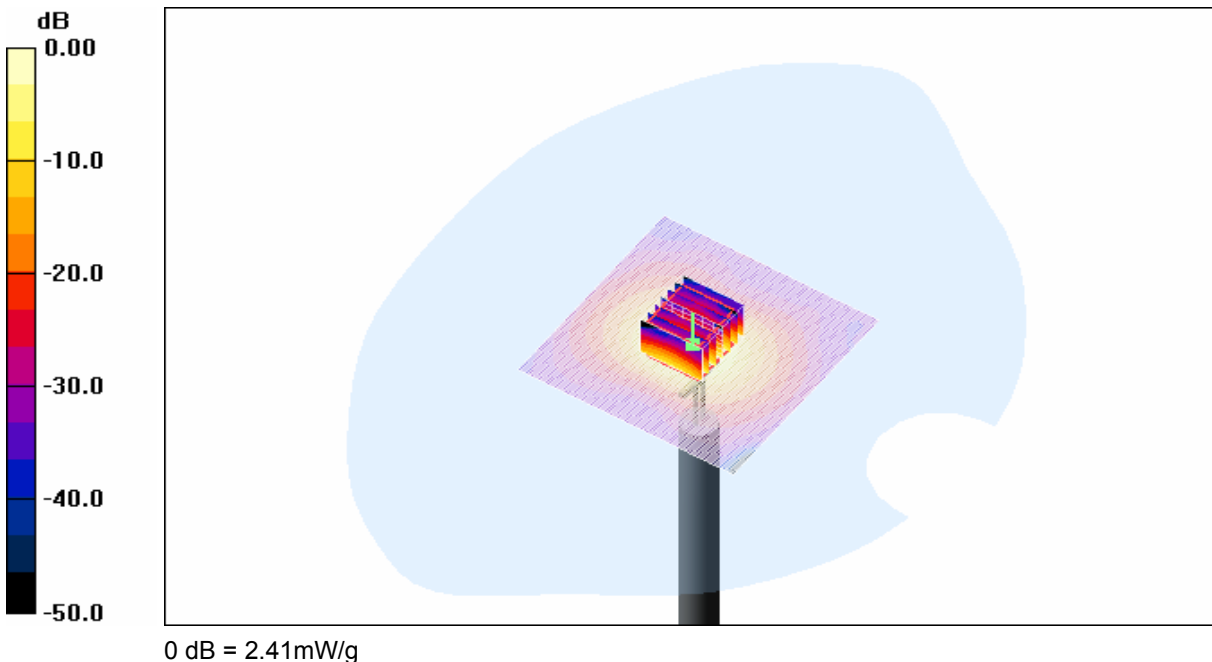
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.8 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 5.35 W/kg

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.784 mW/g

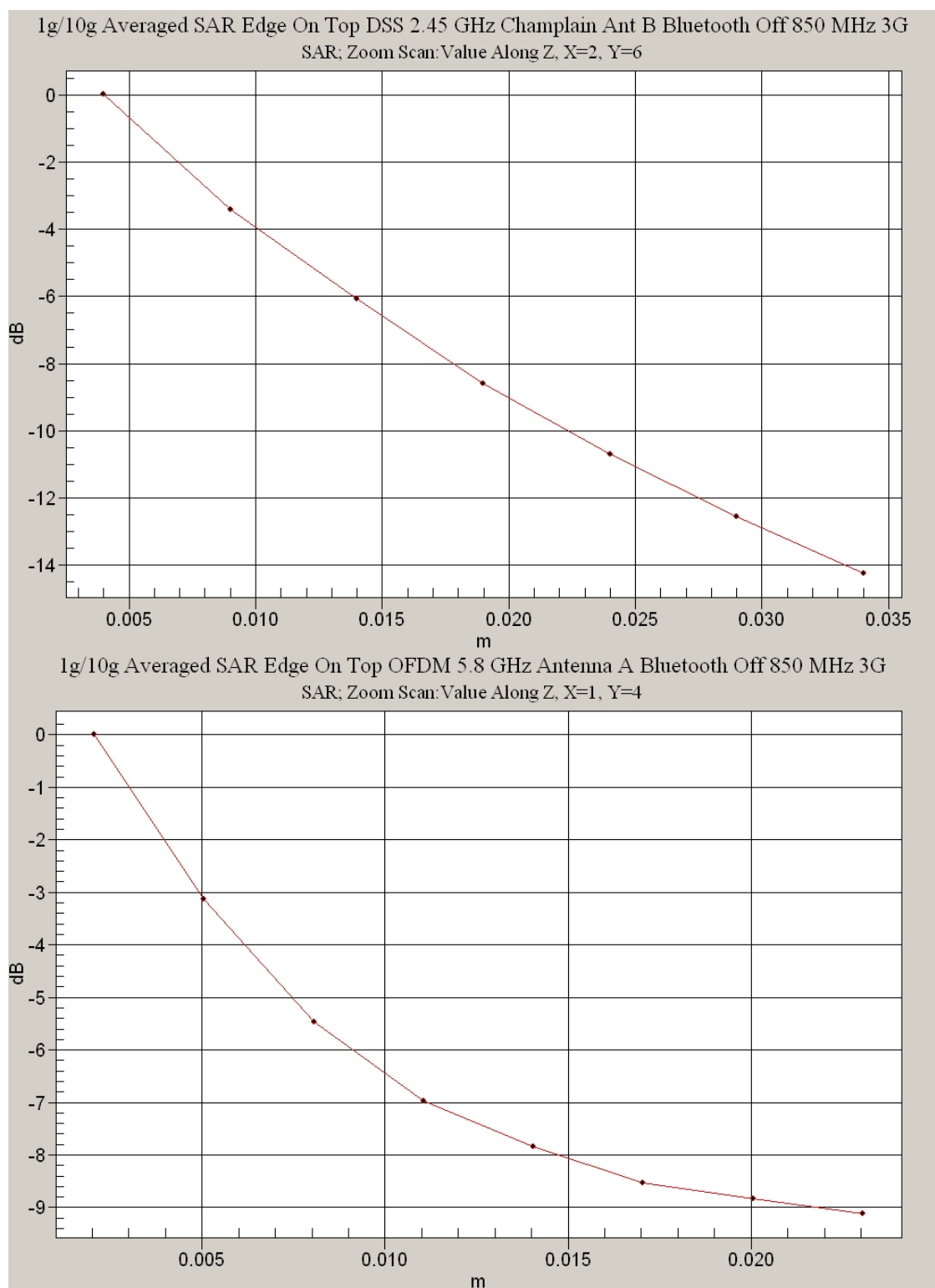
Maximum value of SAR (measured) = 2.41 mW/g



SAR MEASUREMENT PLOT 40

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.2 Degrees Celsius
65.0 %



Test Date: 28 November 2007

File Name: Tablet 1900 MHz UMTS Champlain Prescan 28-11-07.da4

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

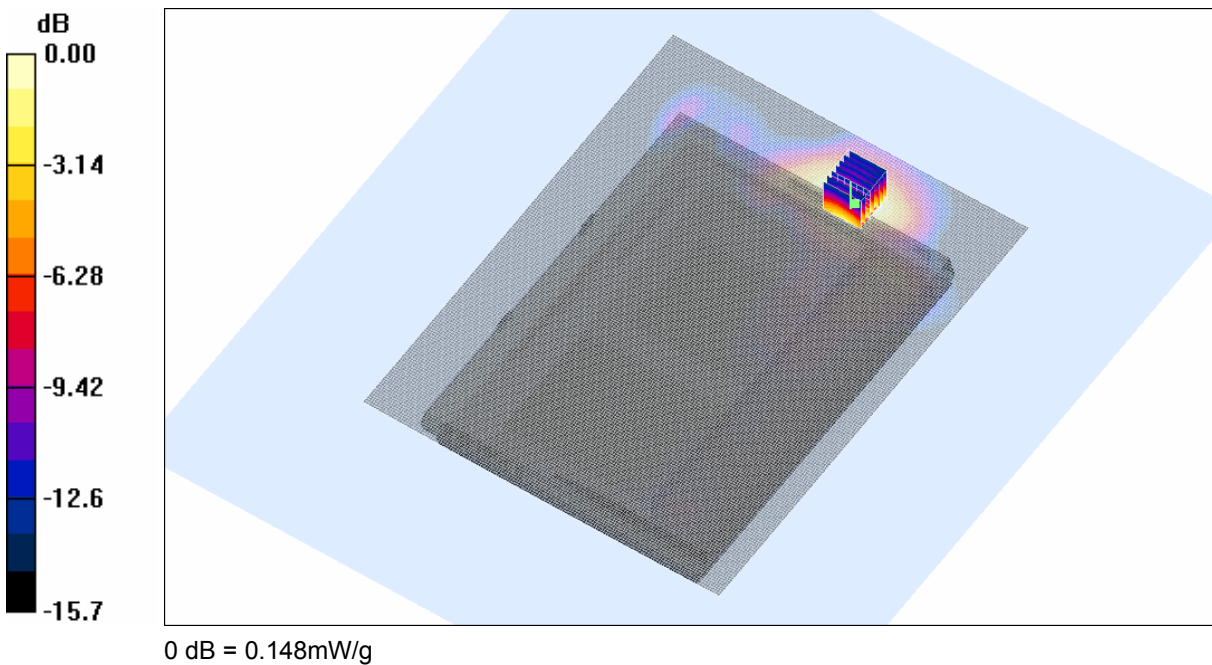
* Communication System: 1900 MHz 3G; Frequency: 1880 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.54366$ mho/m, $\epsilon_r = 51.0538$; $\rho = 1000$ 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) = 0.140 mW/g



SAR MEASUREMENT PLOT 41

Ambient Temperature
Liquid Temperature
Humidity

21.5 Degrees Celsius
21.1 Degrees Celsius
61.0 %

Test Date: 28 November 2007

File Name: Edge On Top 1900 MHz UMTS Champlain Prescan 28-11-07.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

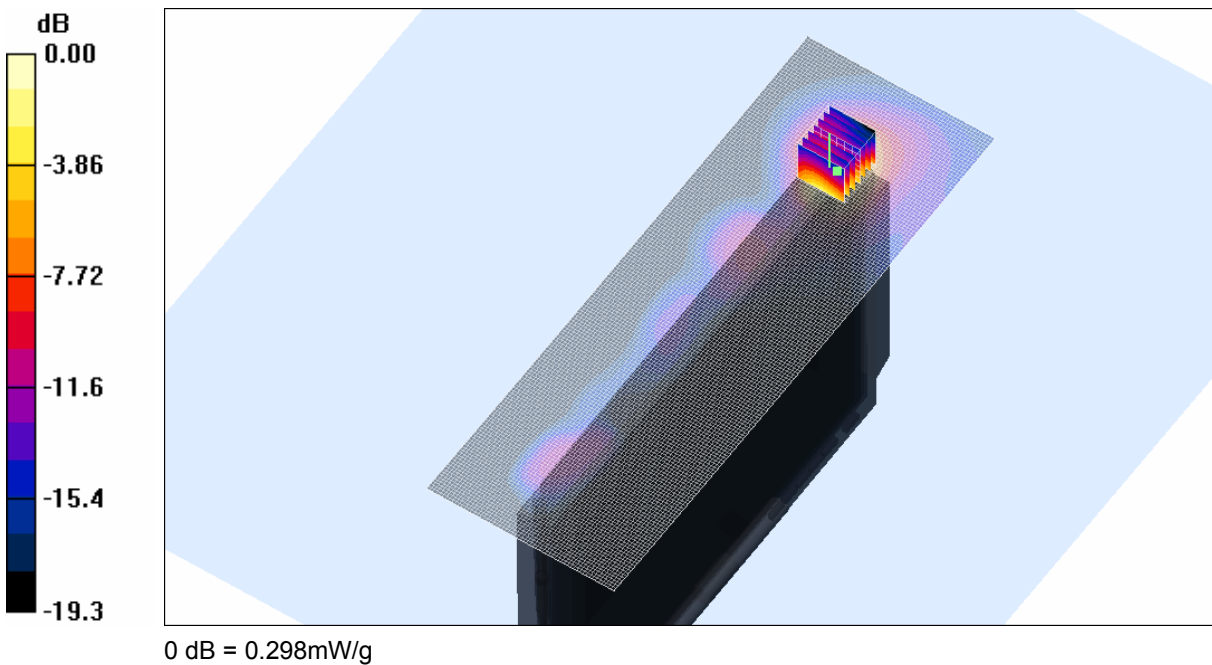
* Medium parameters used: $\sigma = 1.54366$ mho/m, $\epsilon_r = 51.0538$; $\rho = 1000$ kg/m³

- 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) = 0.284 mW/g



SAR MEASUREMENT PLOT 42

Ambient Temperature
Liquid Temperature
Humidity

21.5 Degrees Celsius
21.1 Degrees Celsius
61.0 %

Test Date: 28 November 2007

File Name: Edge On Right 1900 MHz UMTS Champlain Prescan 28-11-07.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

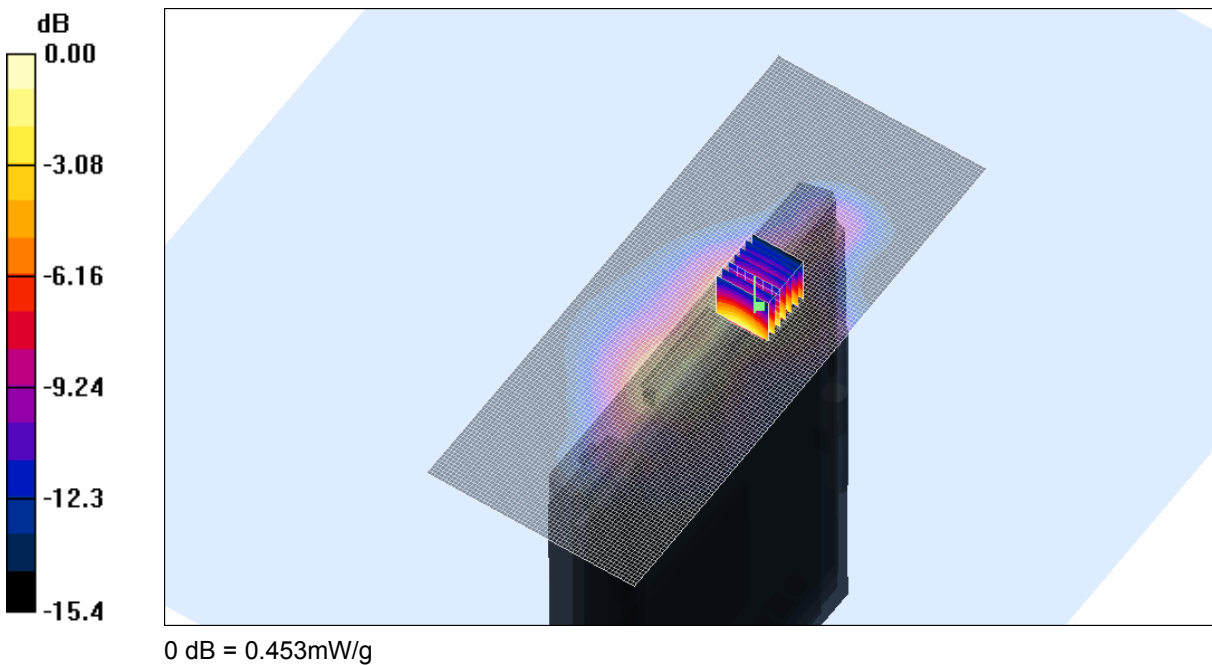
* Medium parameters used: $\sigma = 1.54366$ mho/m, $\epsilon_r = 51.0538$; $\rho = 1000$ kg/m³

- 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) = 0.476 mW/g



SAR MEASUREMENT PLOT 43

Ambient Temperature
Liquid Temperature
Humidity

21.5 Degrees Celsius
21.1 Degrees Celsius
61.0 %

Test Date: 28 November 2007

File Name: Laps On 1900 MHz UMTS Champlain Prescan 28-11-07.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

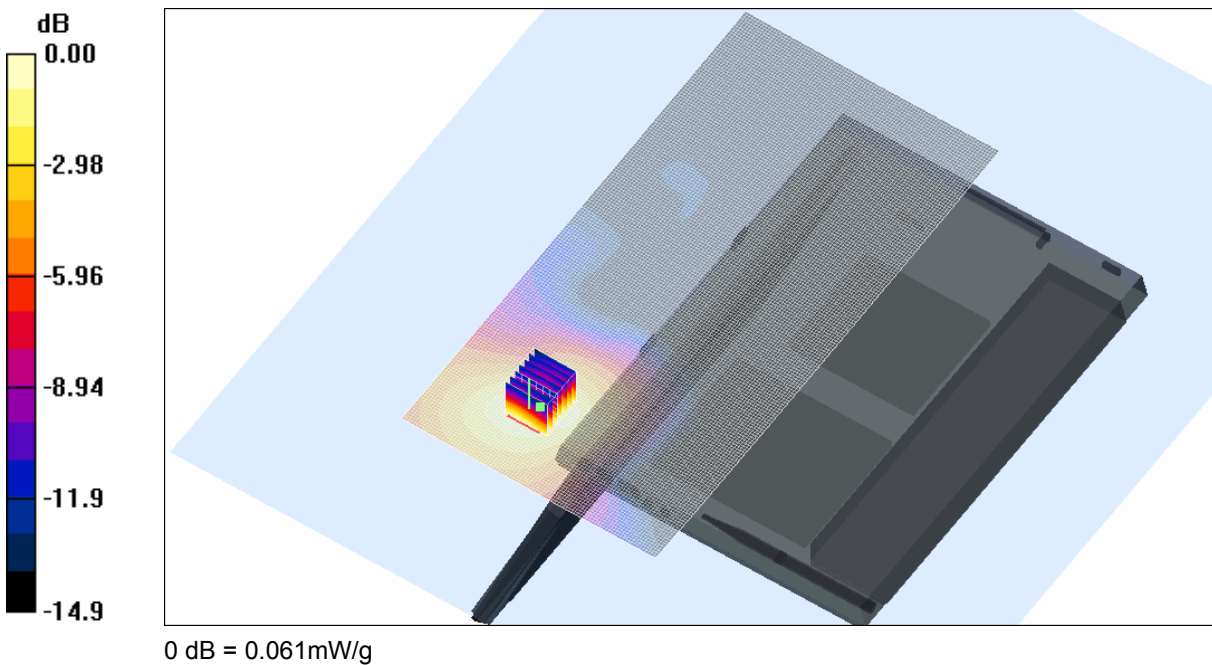
* Medium parameters used: $\sigma = 1.54366$ mho/m, $\epsilon_r = 51.0538$; $\rho = 1000$ kg/m³

- 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) = 0.056 mW/g



SAR MEASUREMENT PLOT 44

Ambient Temperature
Liquid Temperature
Humidity

21.5 Degrees Celsius
21.1 Degrees Celsius
61.0 %

Test Date: 28 November 2007

File Name: Tablet 1900 MHz UMTS Champlain 28-11-07.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: $\sigma = 1.54366$ mho/m, $\epsilon_r = 51.0538$; $\rho = 1000$ 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 (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

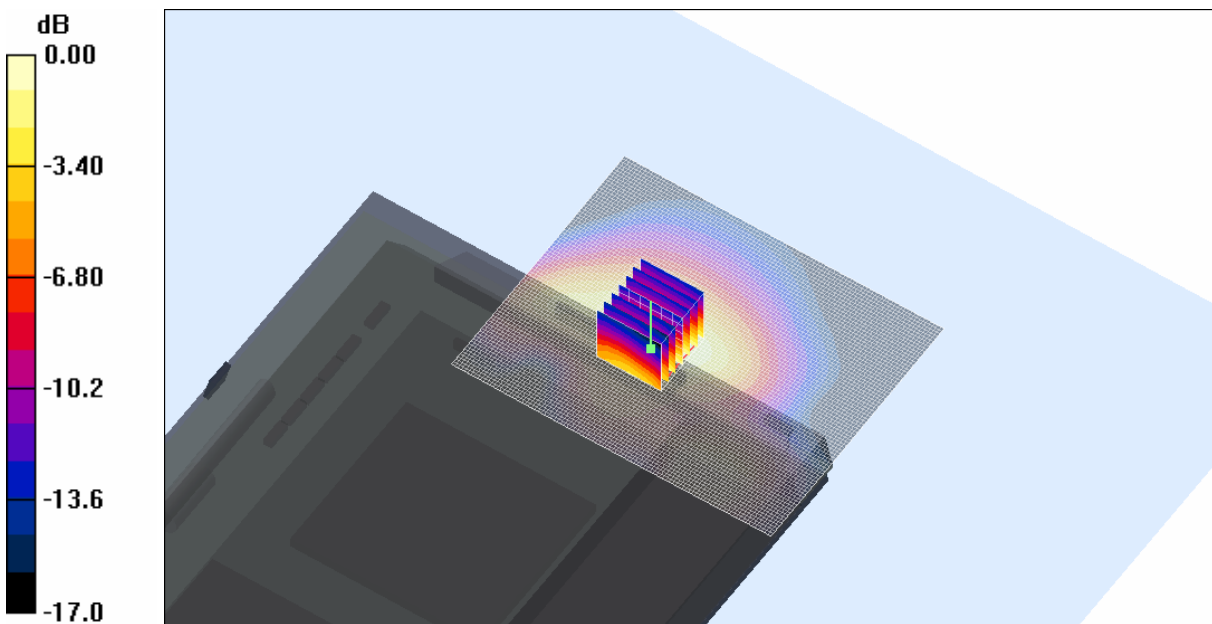
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.15 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.073 mW/g

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



0 dB = 0.137mW/g

SAR MEASUREMENT PLOT 45

Ambient Temperature
Liquid Temperature
Humidity

21.5 Degrees Celsius
21.1 Degrees Celsius
61.0 %