

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

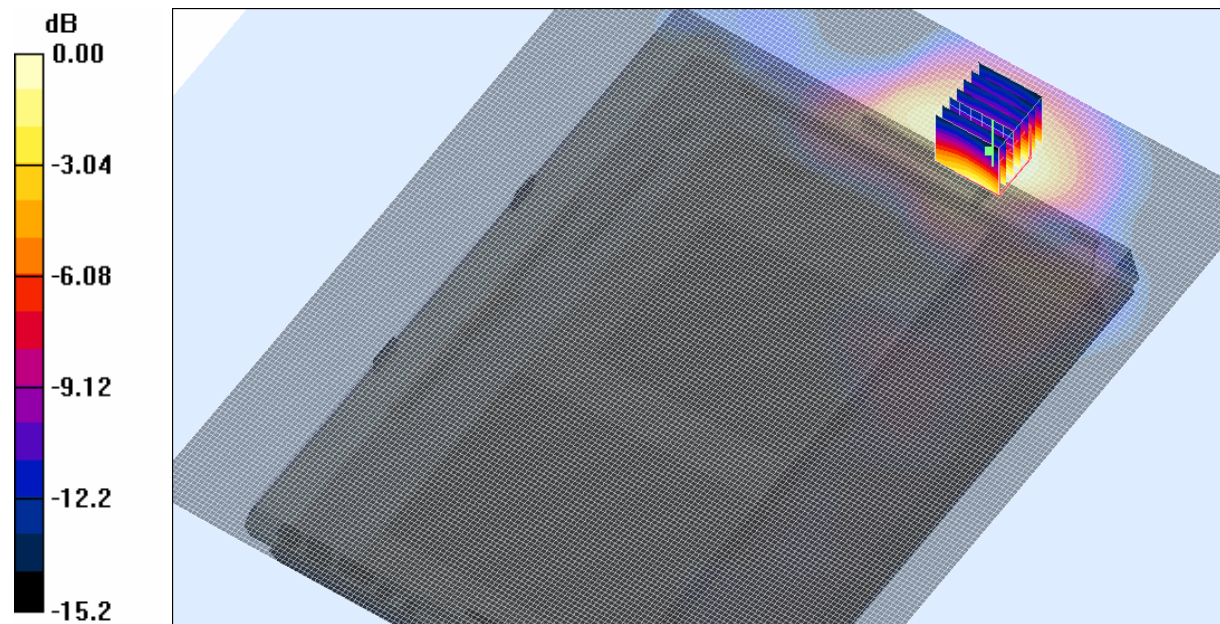
* Medium parameters used: $\sigma = 1.55171$ mho/m, $\epsilon_r = 51.0136$; $\rho = 1000$ kg/m³

- 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 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 15

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

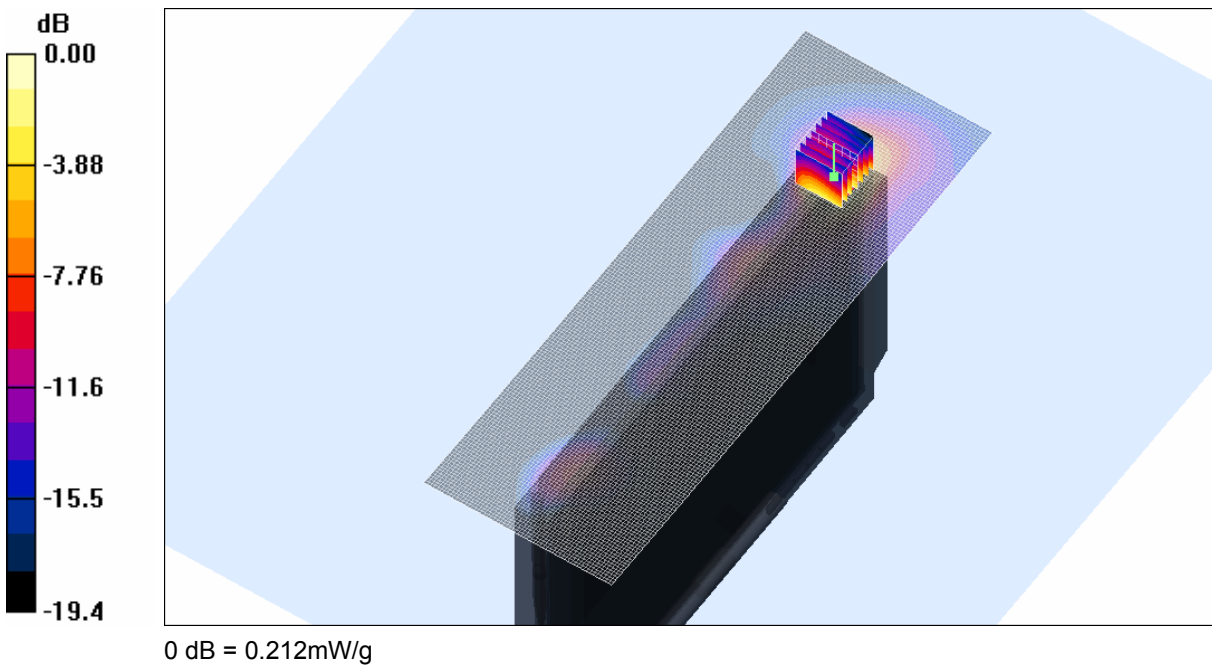
* Medium parameters used: $\sigma = 1.55171$ mho/m, $\epsilon_r = 51.0136$; $\rho = 1000$ kg/m³

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

Maximum value of SAR (interpolated) = 0.264 mW/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: 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

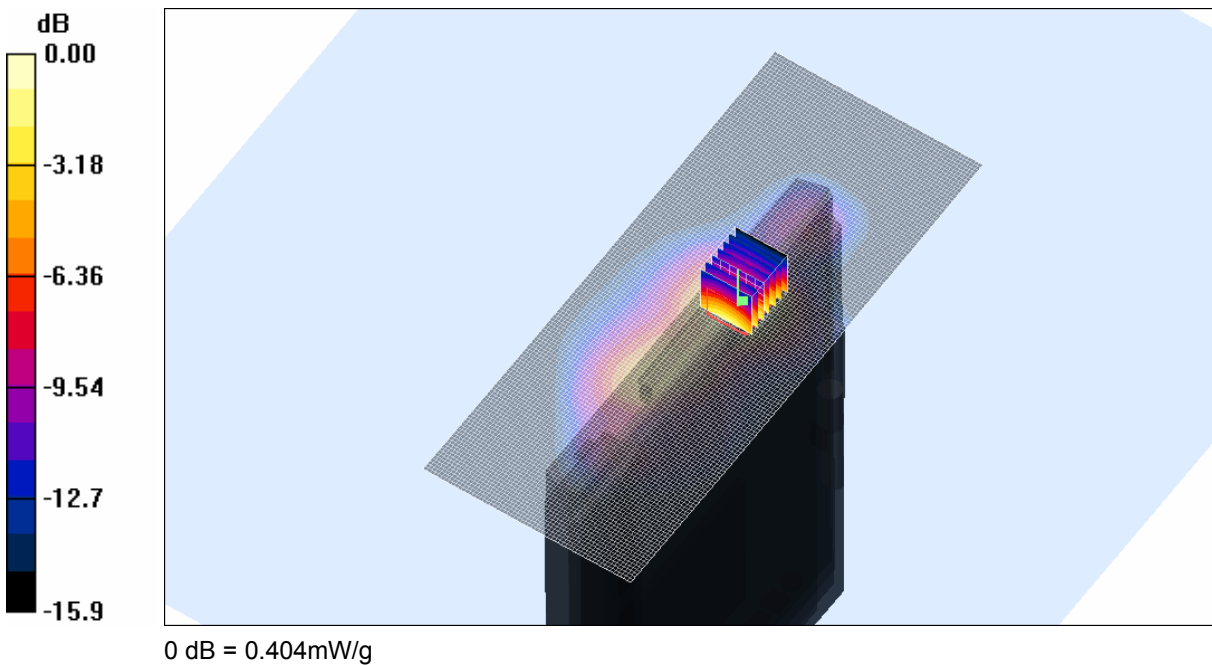
* Medium parameters used: $\sigma = 1.55171$ mho/m, $\epsilon_r = 51.0136$; $\rho = 1000$ kg/m³

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

Maximum value of SAR (interpolated) = 0.430 mW/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: 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

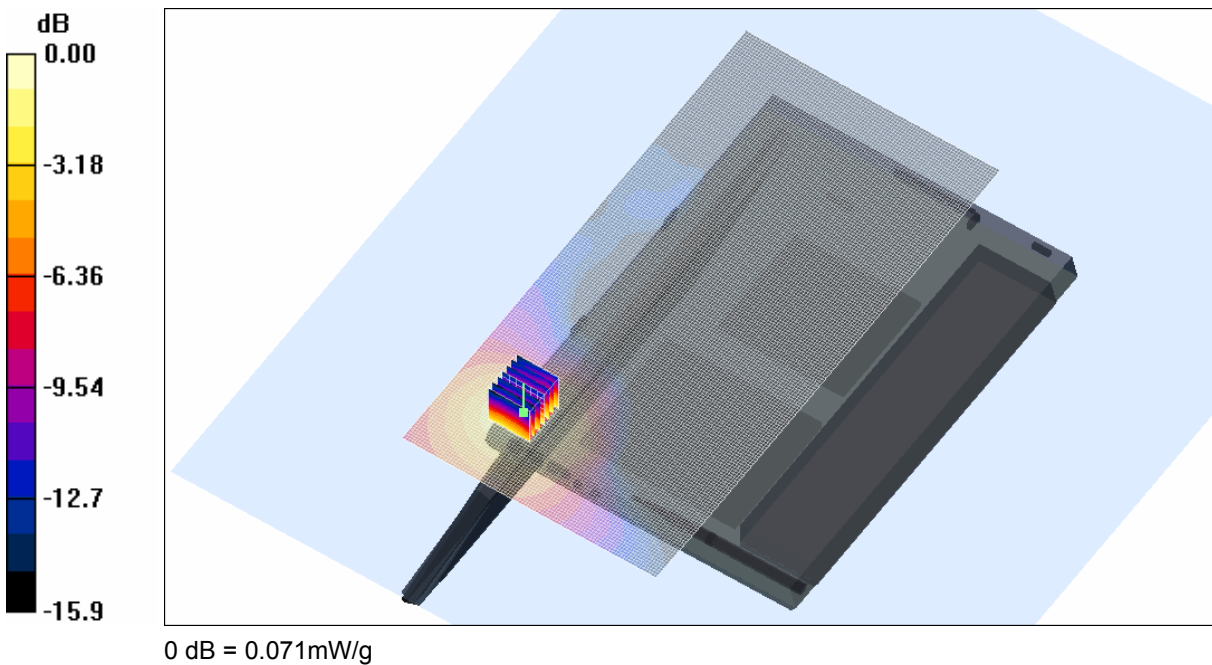
* Medium parameters used: $\sigma = 1.55171$ mho/m, $\epsilon_r = 51.0136$; $\rho = 1000$ kg/m³

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

Maximum value of SAR (interpolated) = 0.058 mW/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: 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/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 661 Test/Area Scan (101x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 mW/g

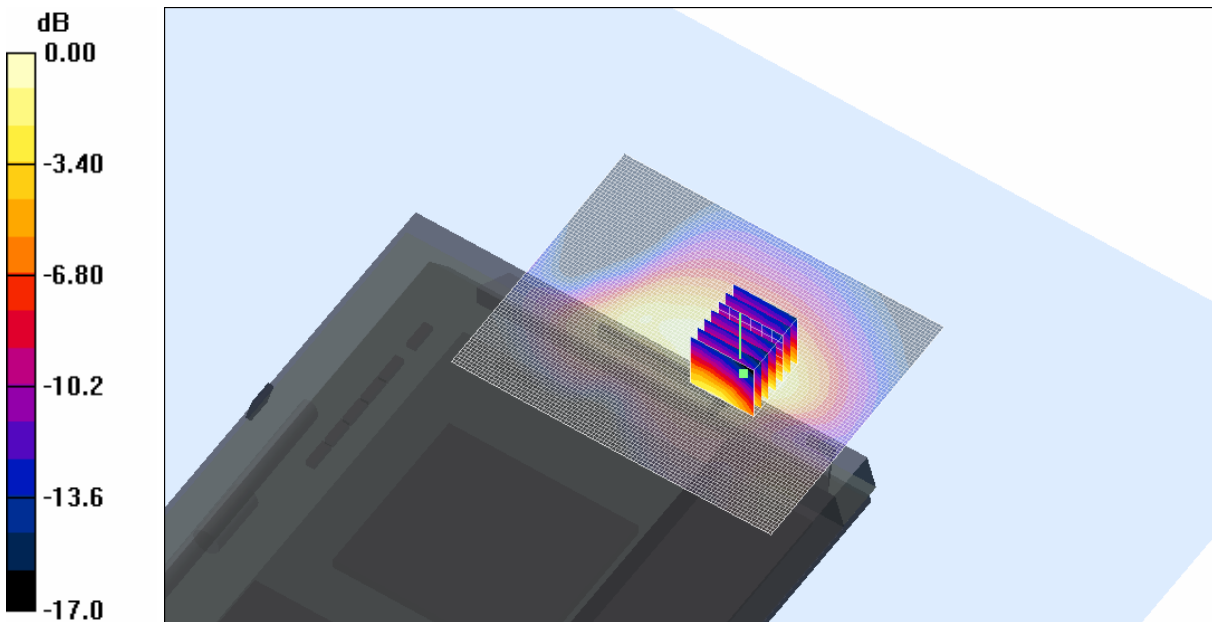
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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 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/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 661 Test/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.485 mW/g

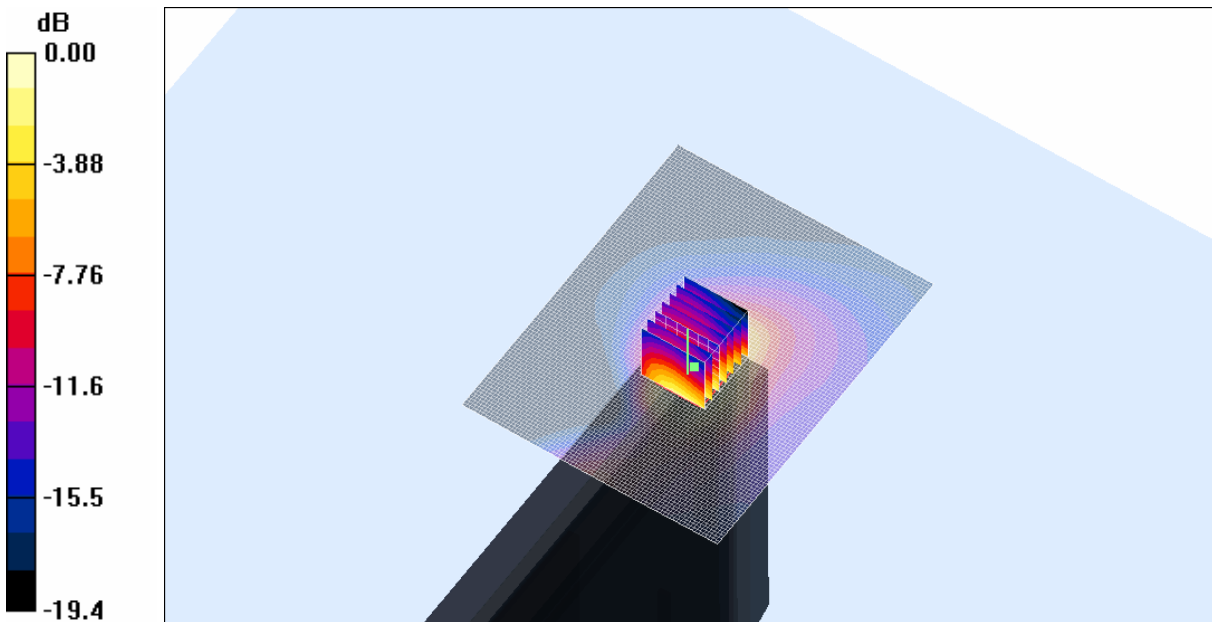
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 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 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/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 661 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.482 mW/g

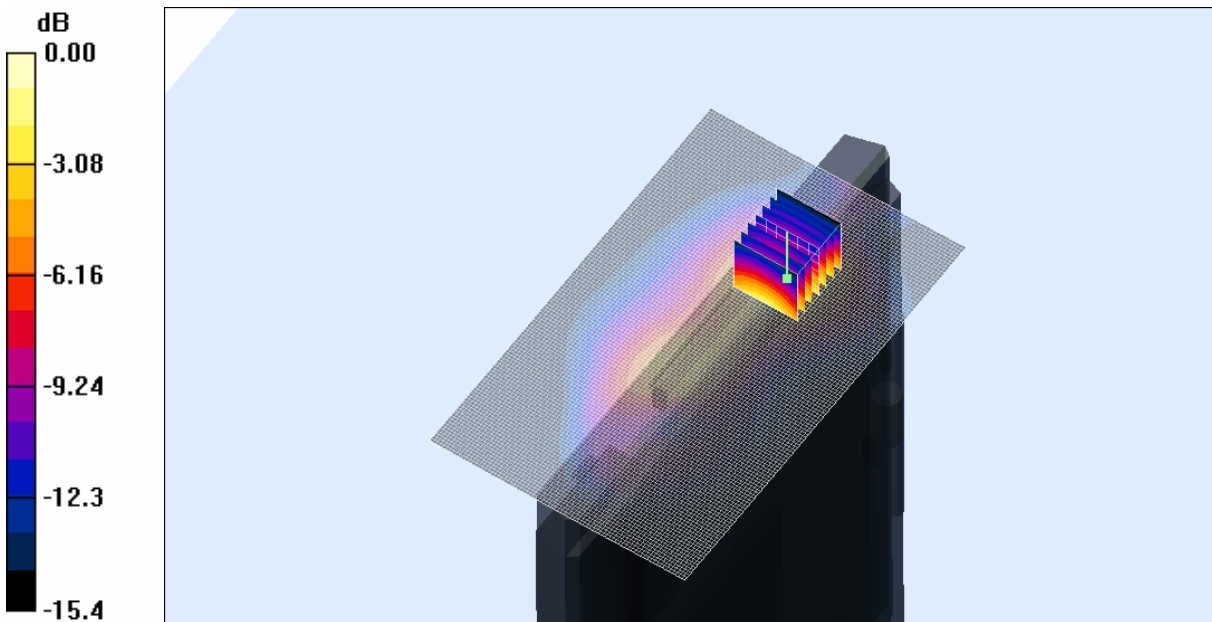
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

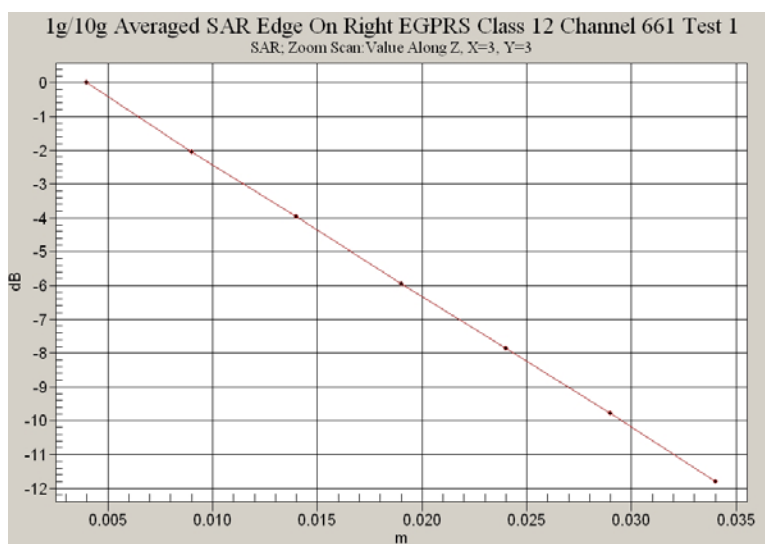
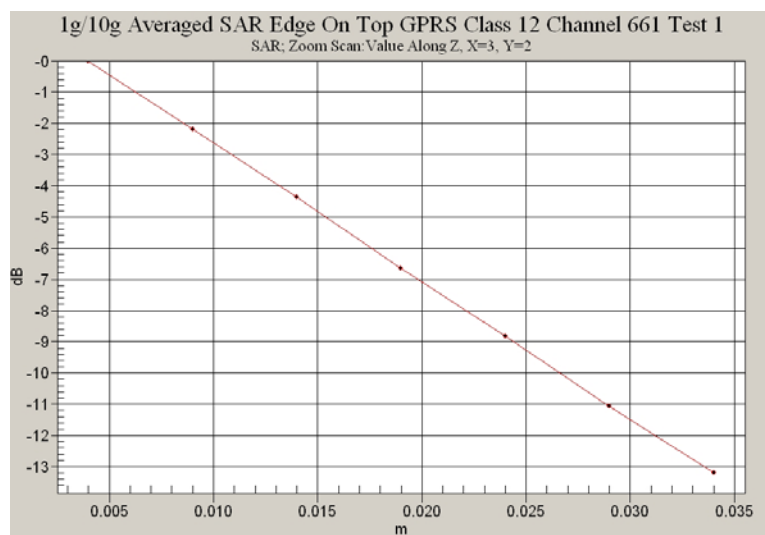
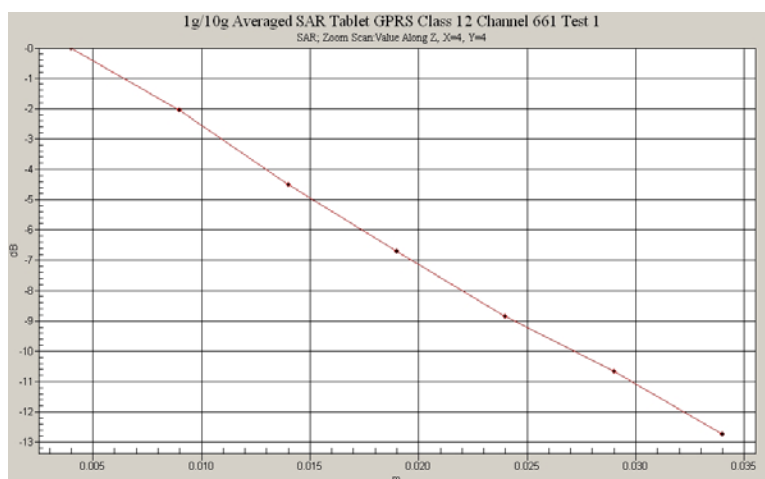


0 dB = 0.460mW/g

SAR MEASUREMENT PLOT 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 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/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 661 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

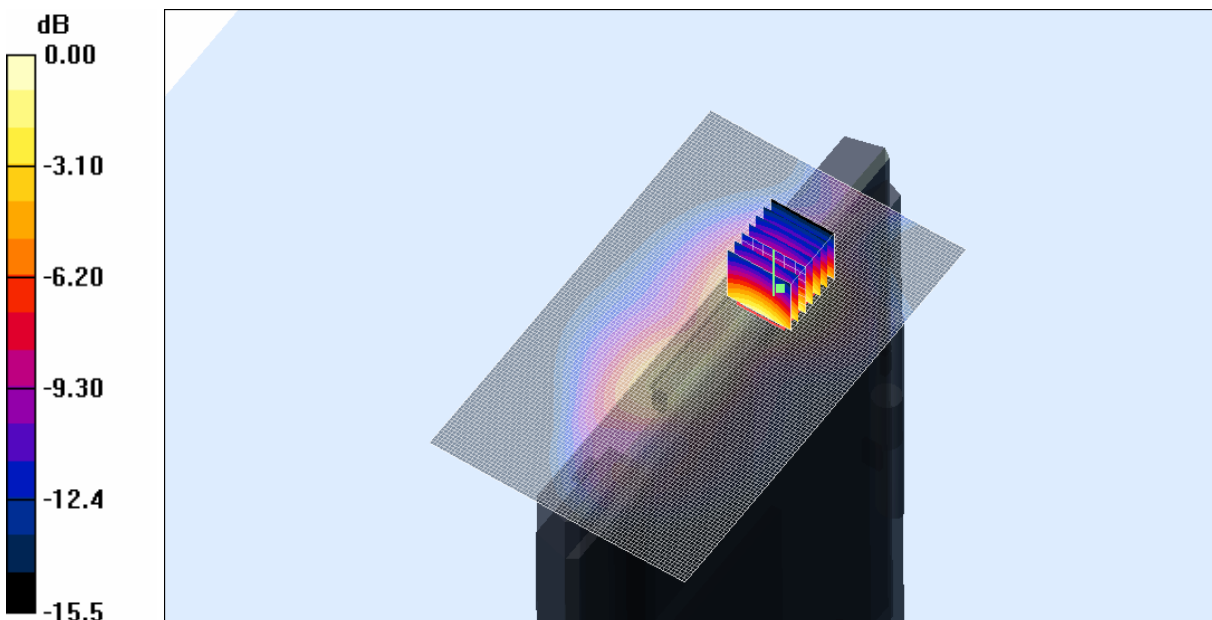
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 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 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/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 661 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

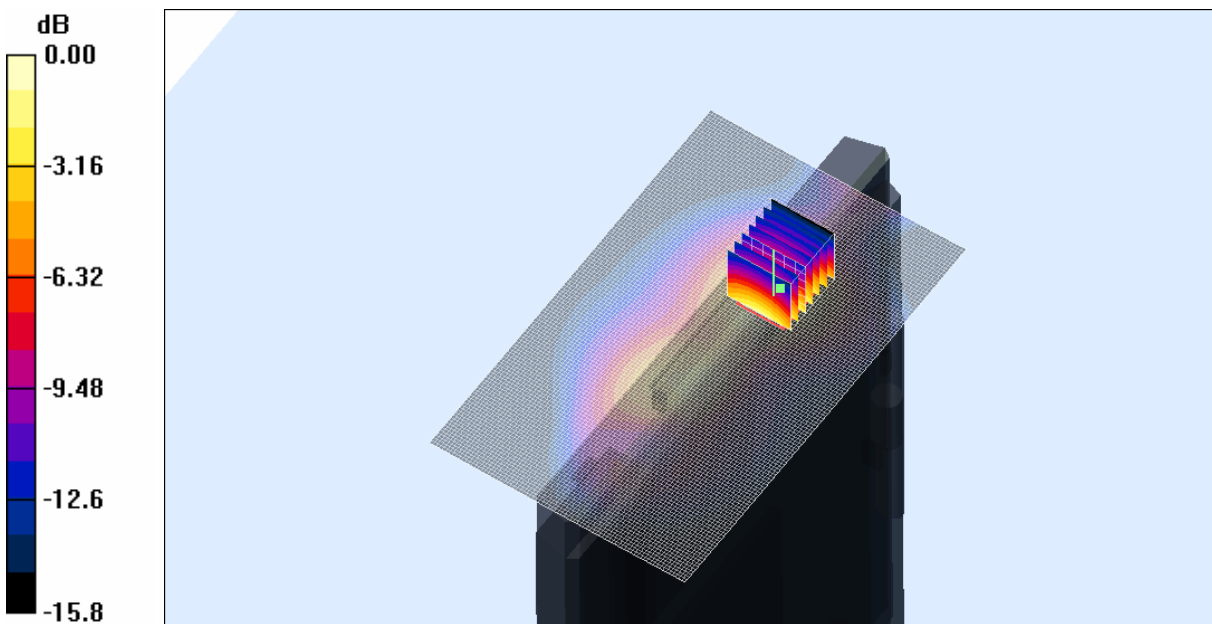
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

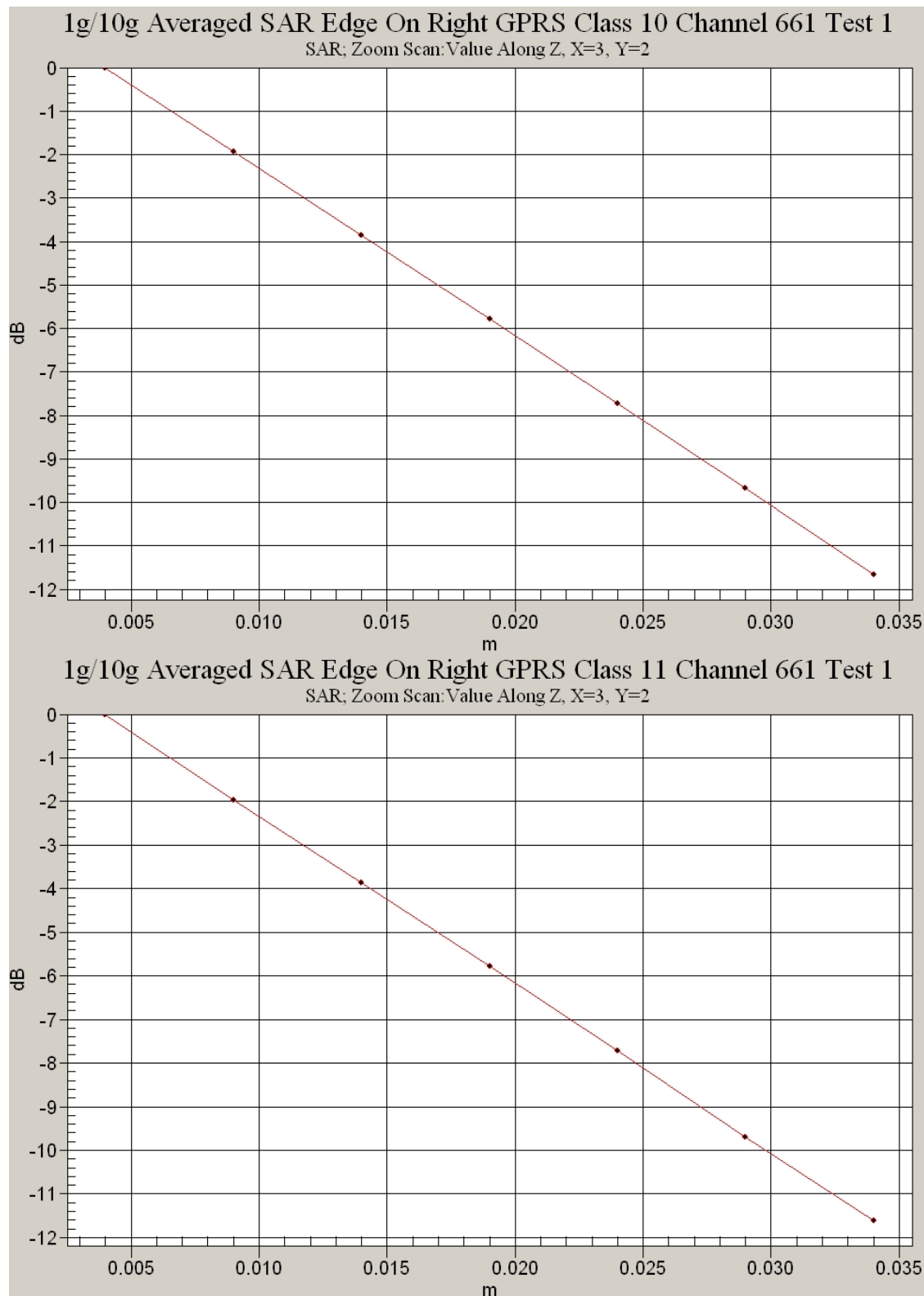


0 dB = 0.615mW/g

SAR MEASUREMENT PLOT 23

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/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 512 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

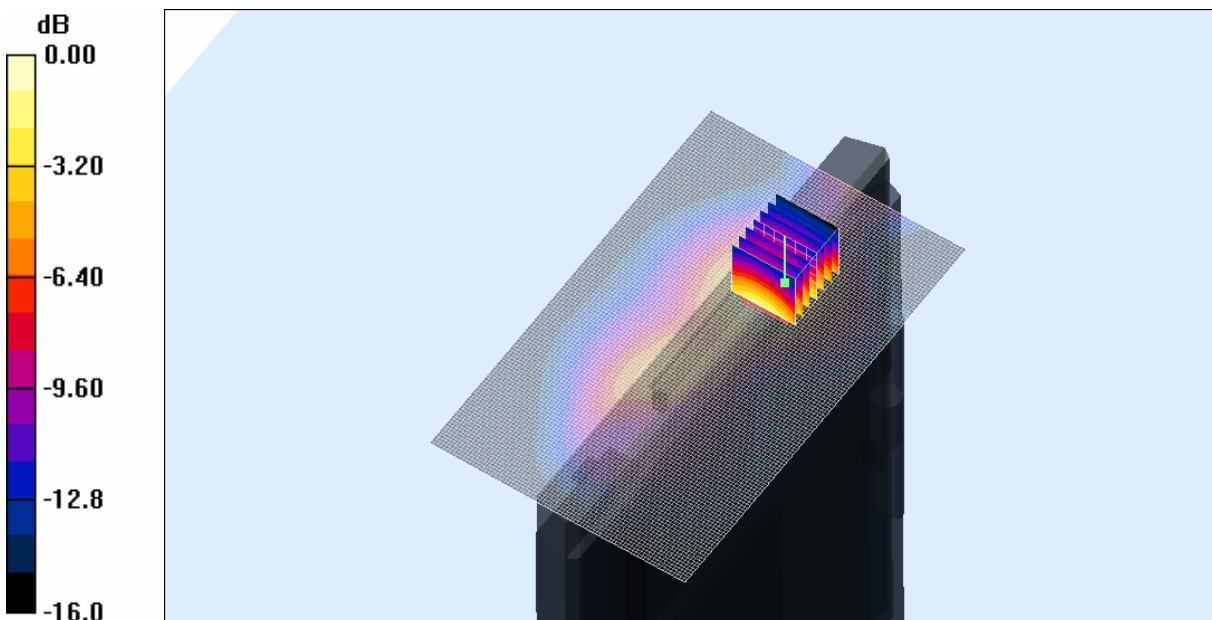
Channel 512 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 24

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/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 661 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

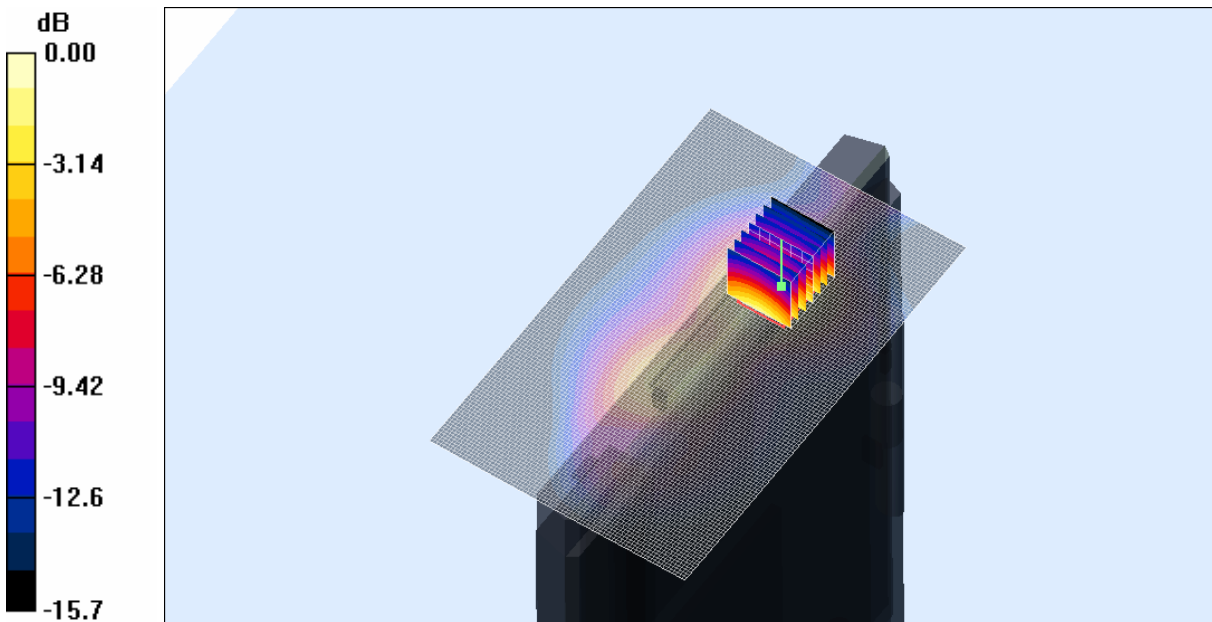
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 25

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: 1909.8 MHz; Duty Cycle: 1:2.075

* Medium parameters used: $\sigma = 1.56892$ mho/m, $\epsilon_r = 50.9238$; $\rho = 1000$ 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 810 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

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

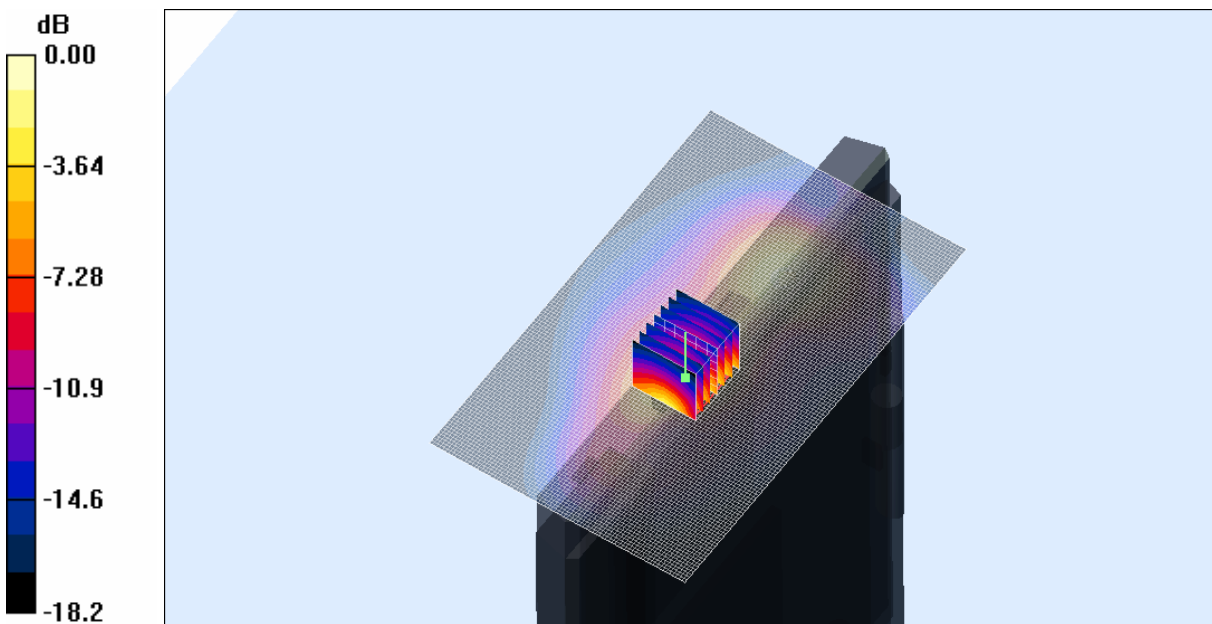
Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



SAR MEASUREMENT PLOT 26

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

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

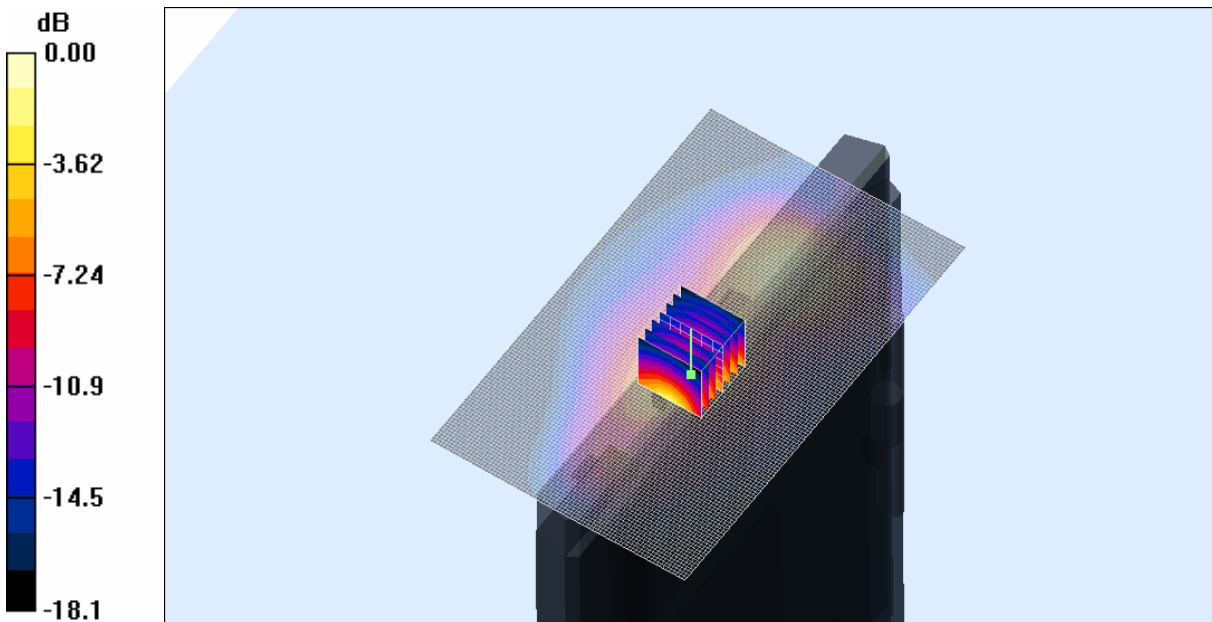
Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

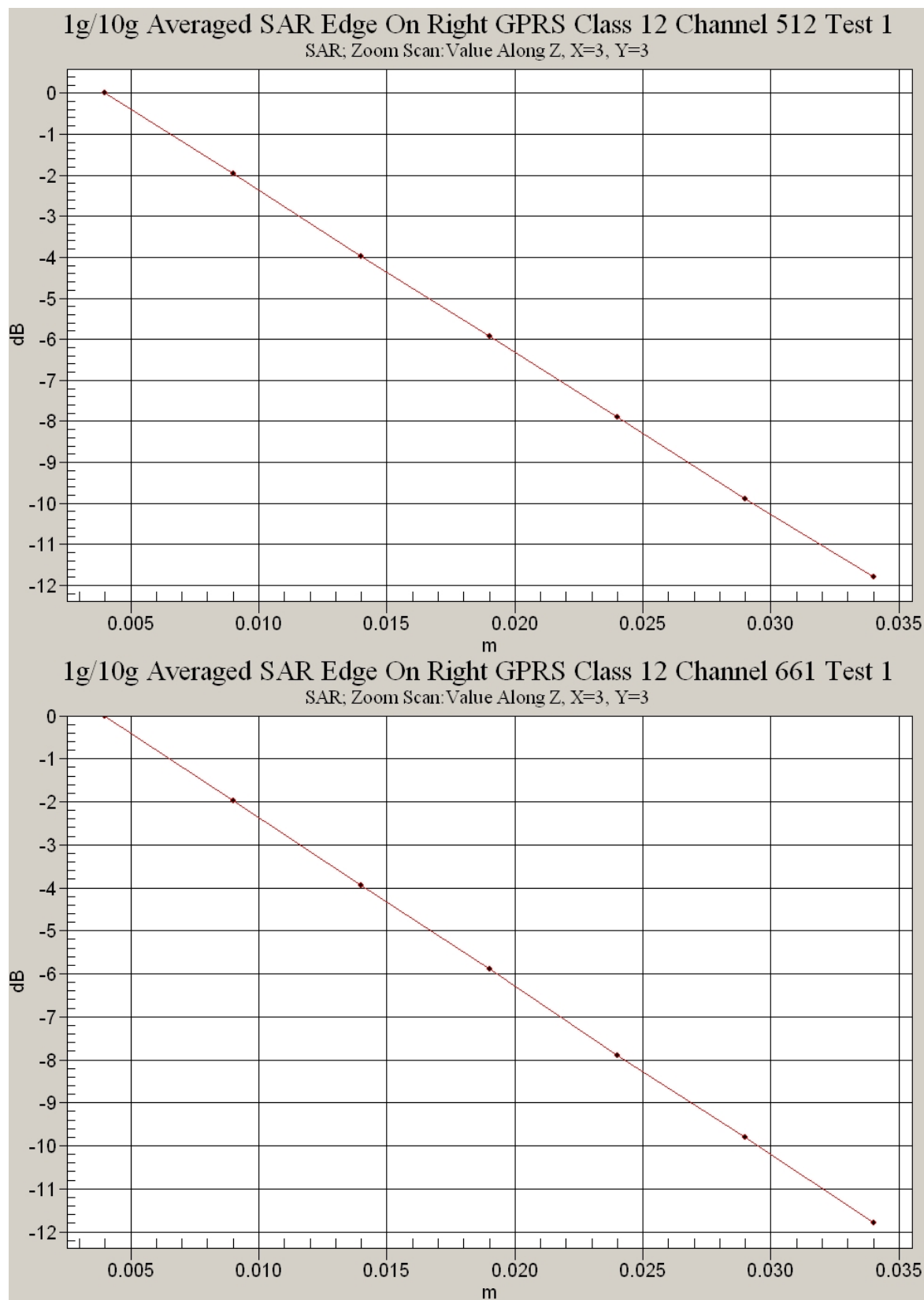
Maximum value of SAR (measured) = 1.10 mW/g

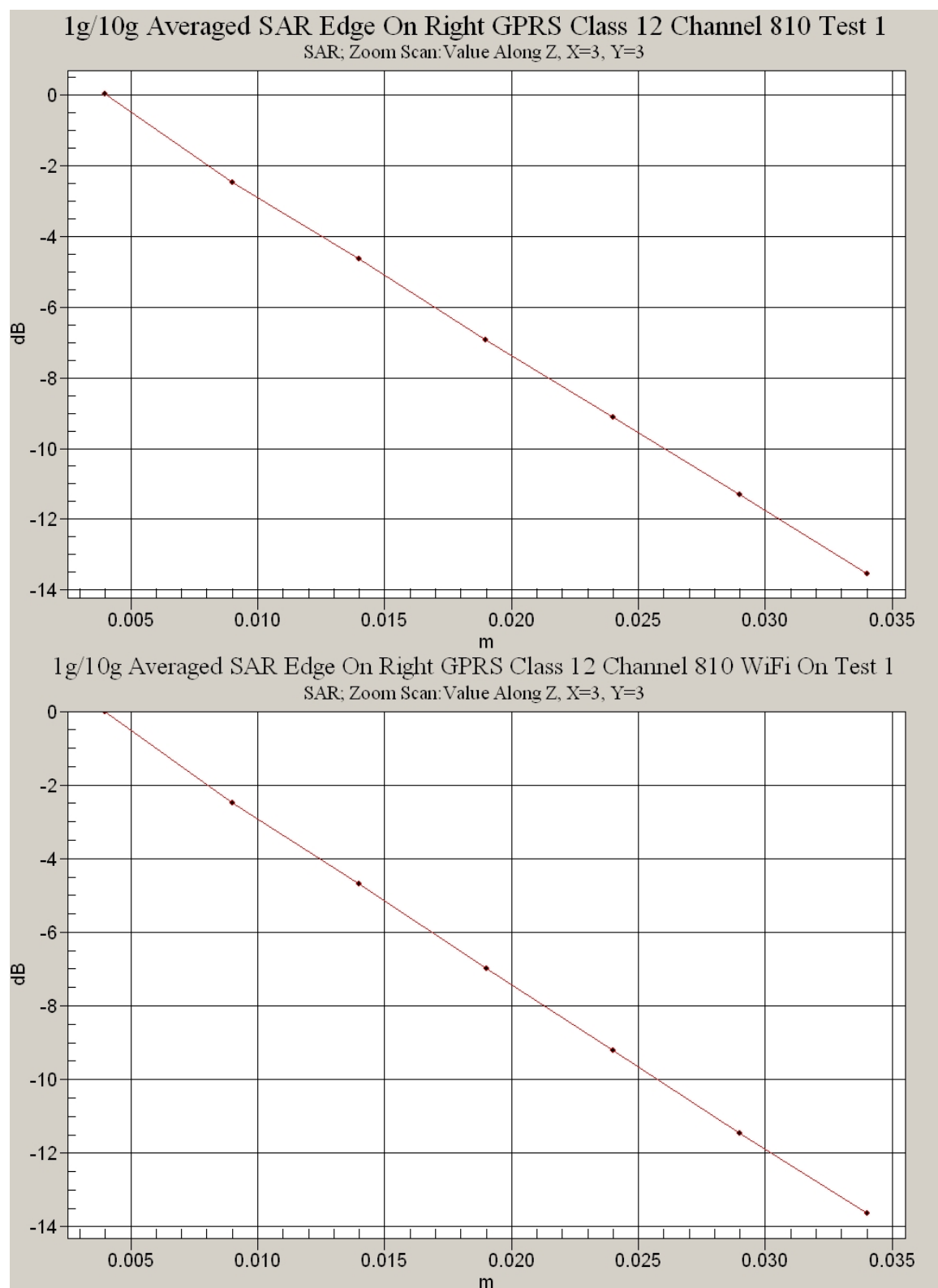


SAR MEASUREMENT PLOT 27

Ambient Temperature
Liquid Temperature
Humidity

21.7 Degrees Celsius
21.1 Degrees Celsius
62.0 %





Test Date: 04 February 2008

File Name: Edge On Top DSSS 2.45 GHz Champlain Antenna B Bluetooth Off 1900MHz GSM 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) = 1.10 mW/g

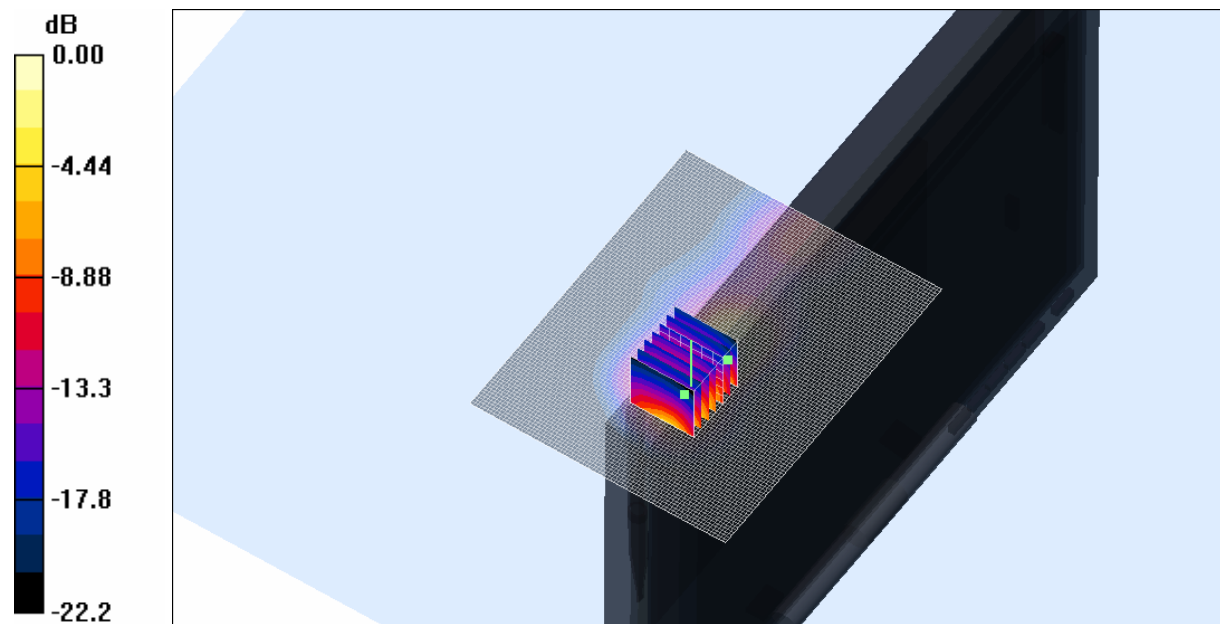
Channel 6 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = 0.238 dB

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24mW/g

SAR MEASUREMENT PLOT 28

Ambient Temperature

Liquid Temperature

Humidity

21.8 Degrees Celsius

21.2 Degrees Celsius

65.0 %

Test Date: 04 February 2008

File Name: Edge On Top OFDM 5.8 GHz Champlain Antenna A Bluetooth Off 1900 MHz GSM 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) = 1.18 mW/g

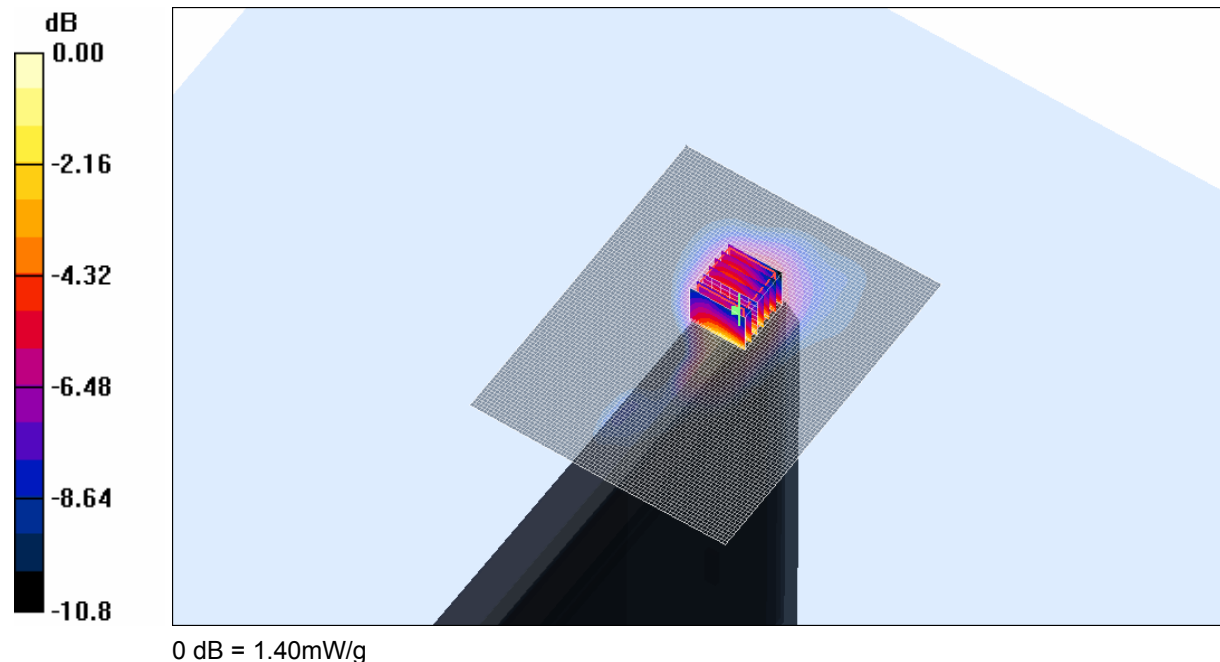
Channel 165 Test/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.8 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.651 mW/g

Maximum value of SAR (measured) = 1.40 mW/g



SAR MEASUREMENT PLOT 29

Ambient Temperature
Liquid Temperature
Humidity

21.8 Degrees Celsius
21.2 Degrees Celsius
65.0 %

