

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

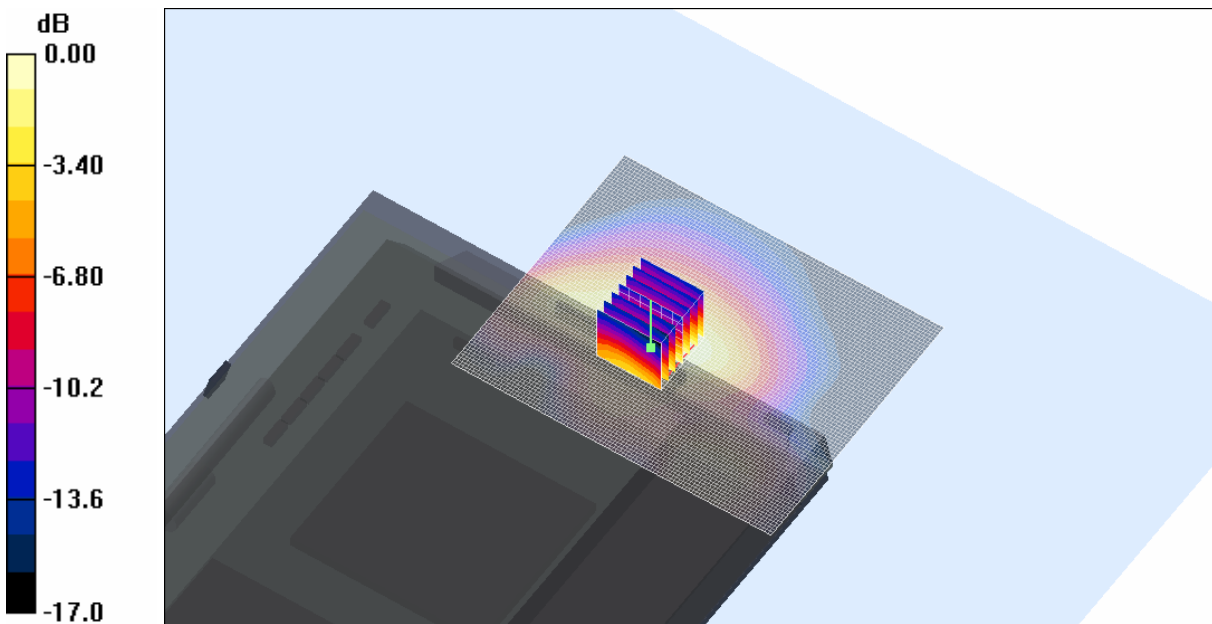
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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 39

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 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 (81x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 mW/g

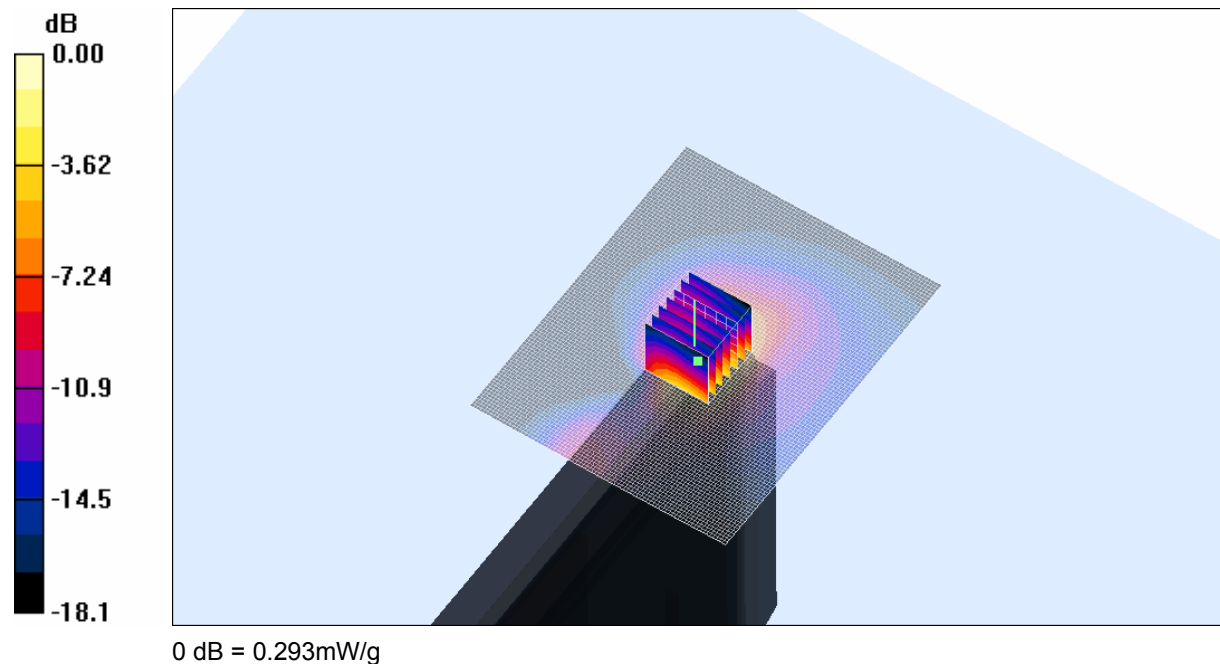
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.42 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.146 mW/g

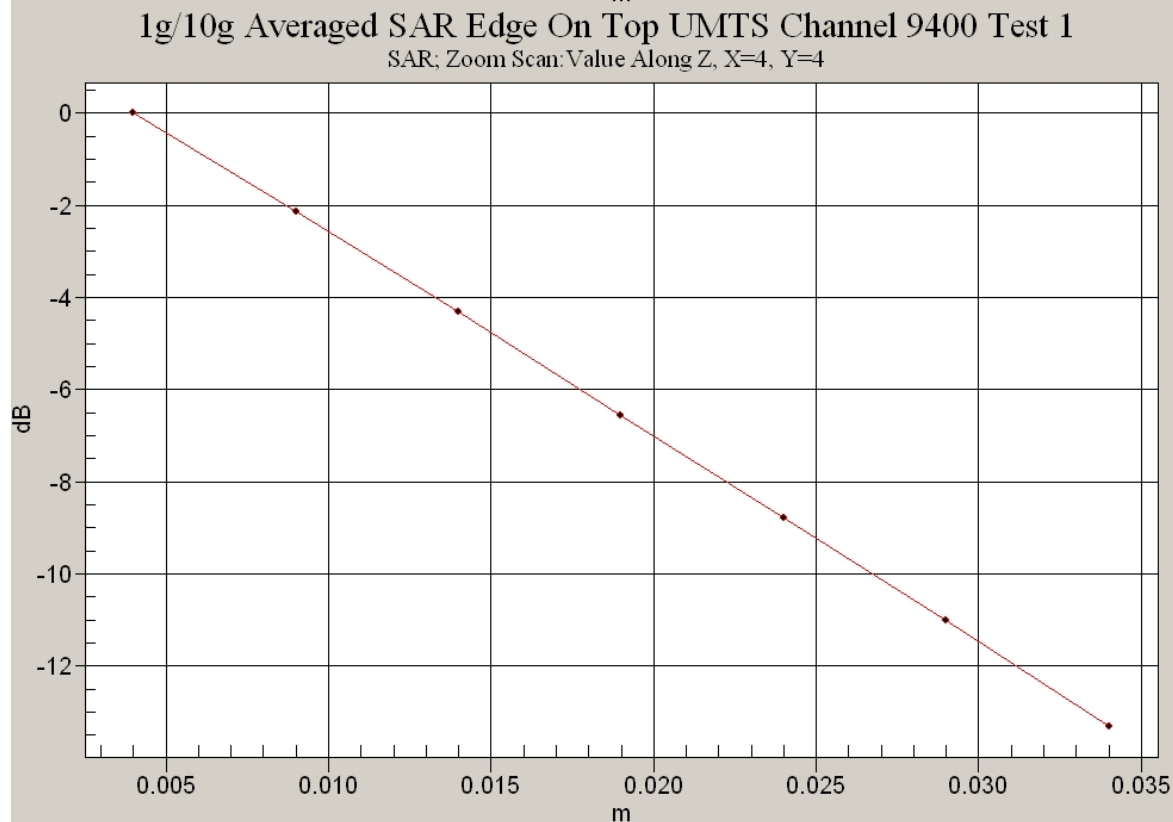
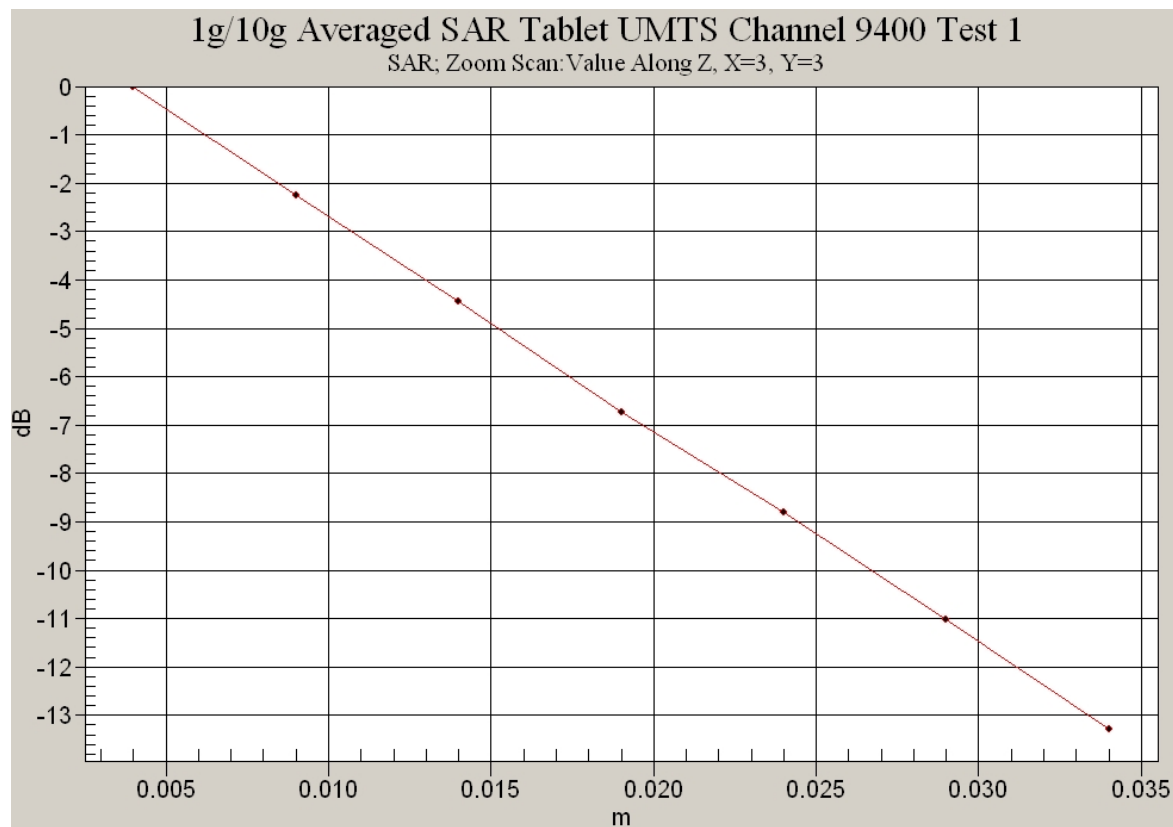
Maximum value of SAR (measured) = 0.293 mW/g



SAR MEASUREMENT PLOT 40

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 + HSDPA 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: 1852.4 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.52539$ mho/m, $\epsilon_r = 51.1839$; $\rho = 1000$ 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) = 0.539 mW/g

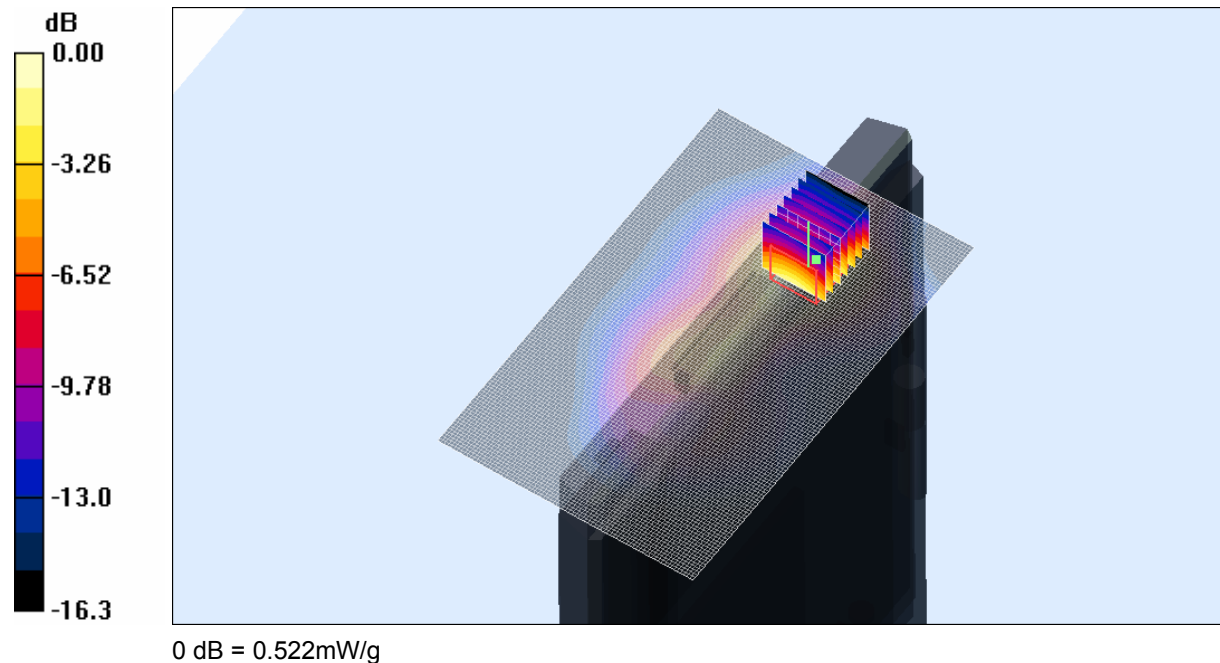
Channel 9262 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.71 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.522 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 Right 1900 MHz UMTS + HSDPA 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 (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 mW/g

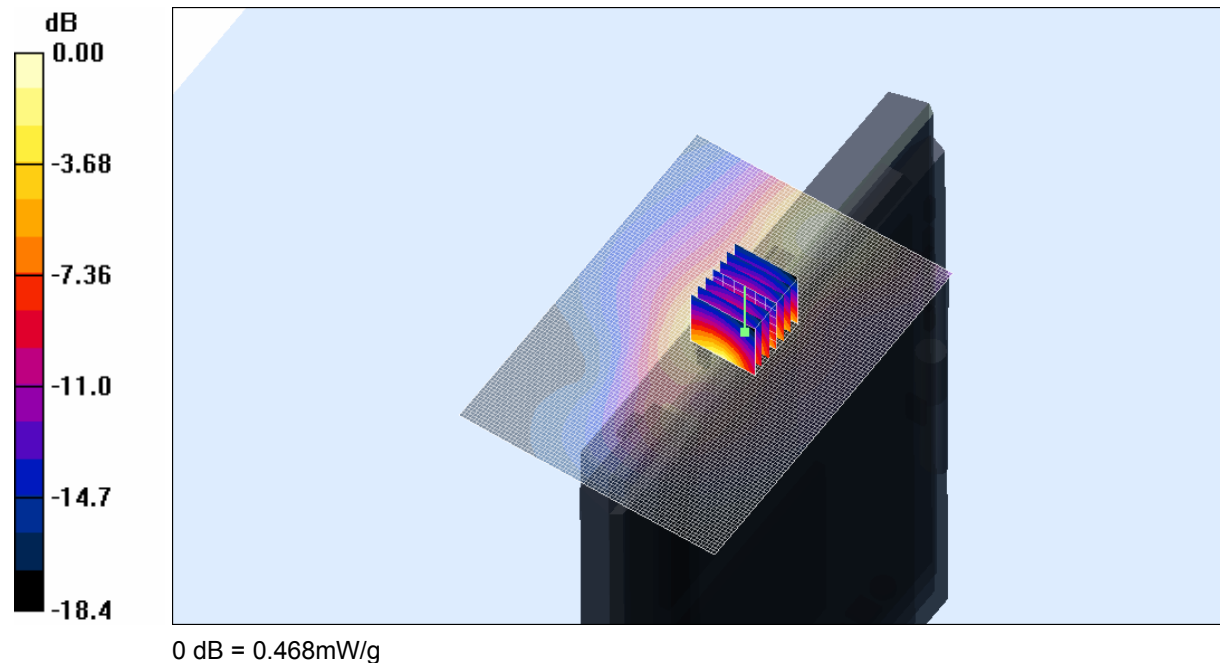
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.468 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 + HSDPA 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: 1907.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55854$ mho/m, $\epsilon_r = 50.9548$; $\rho = 1000$ 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 9538 Test/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.501 mW/g

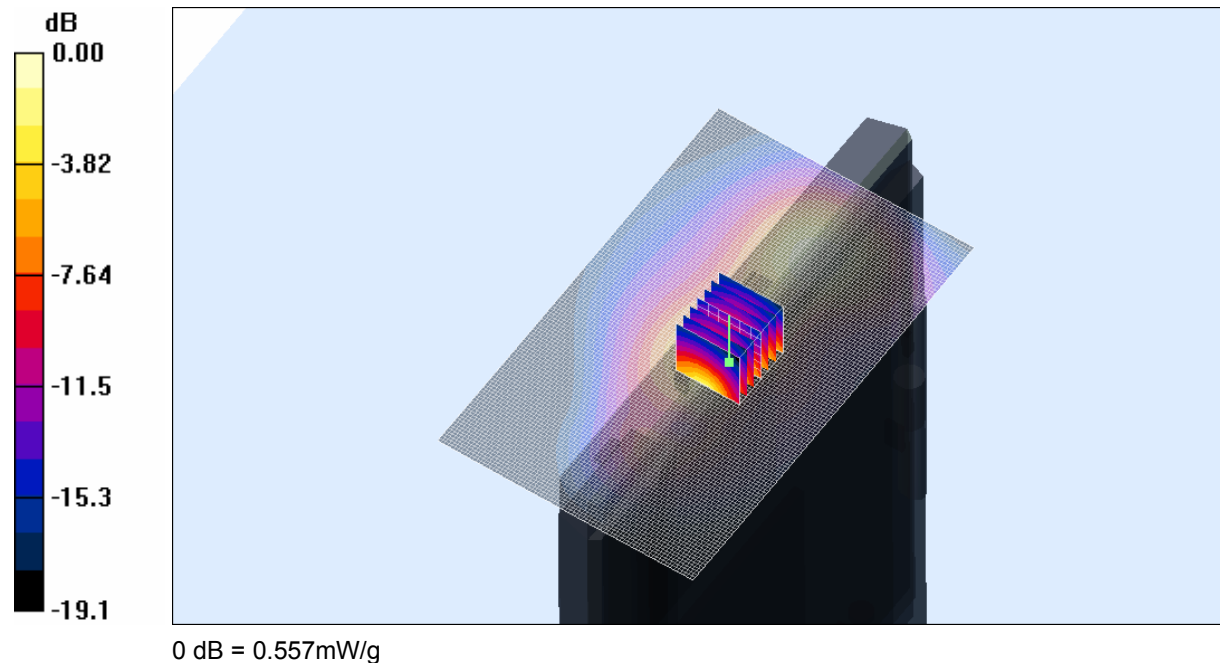
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.243 mW/g

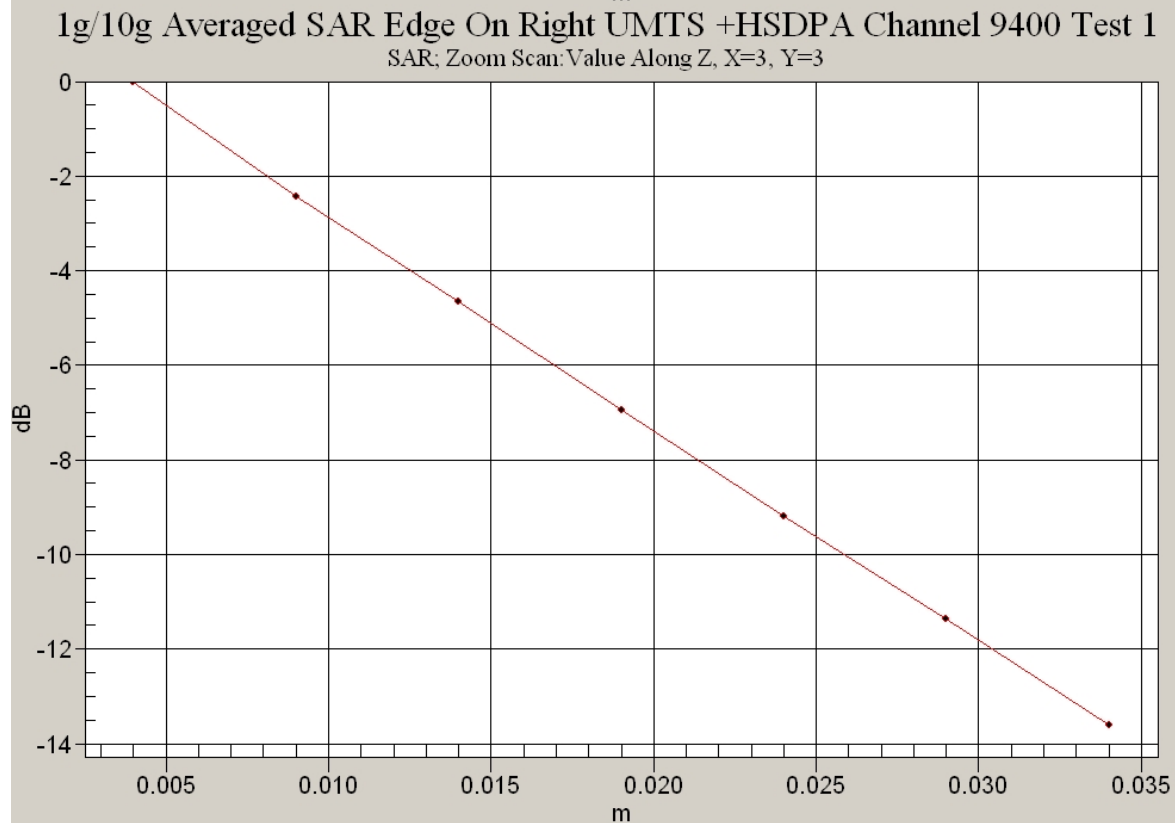
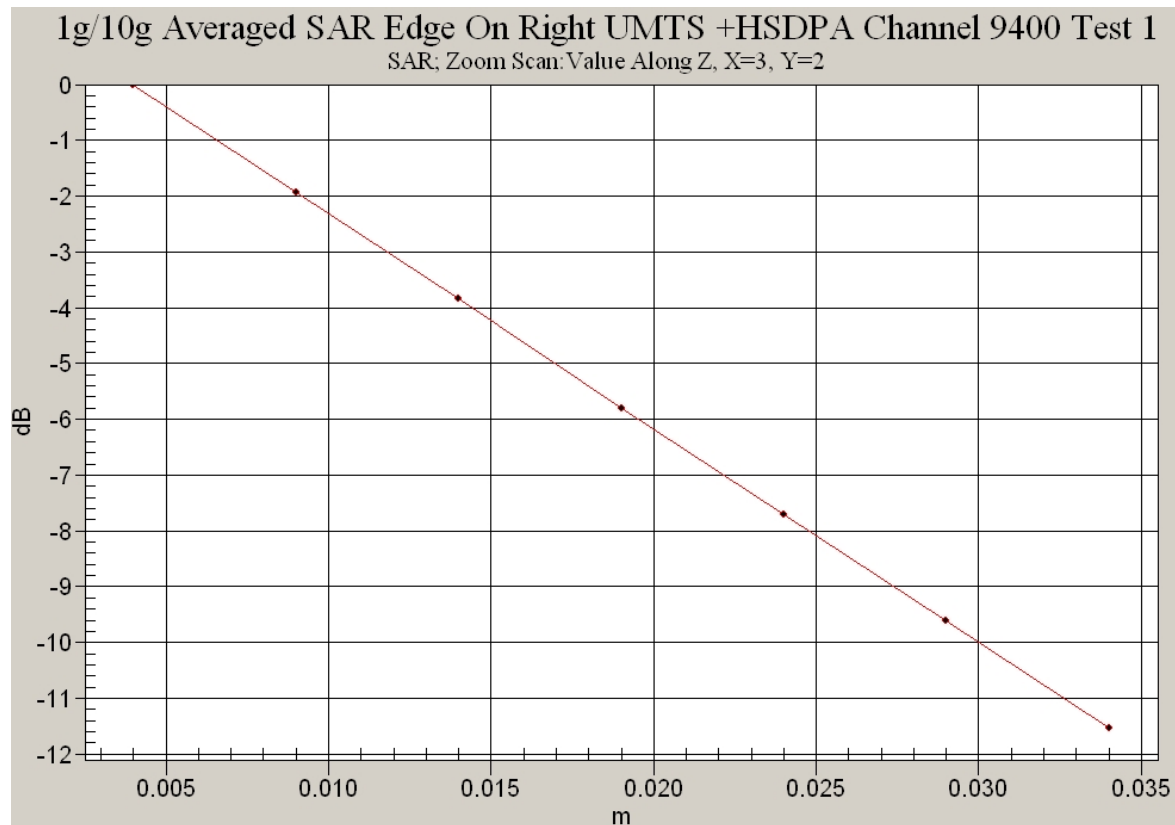
Maximum value of SAR (measured) = 0.557 mW/g

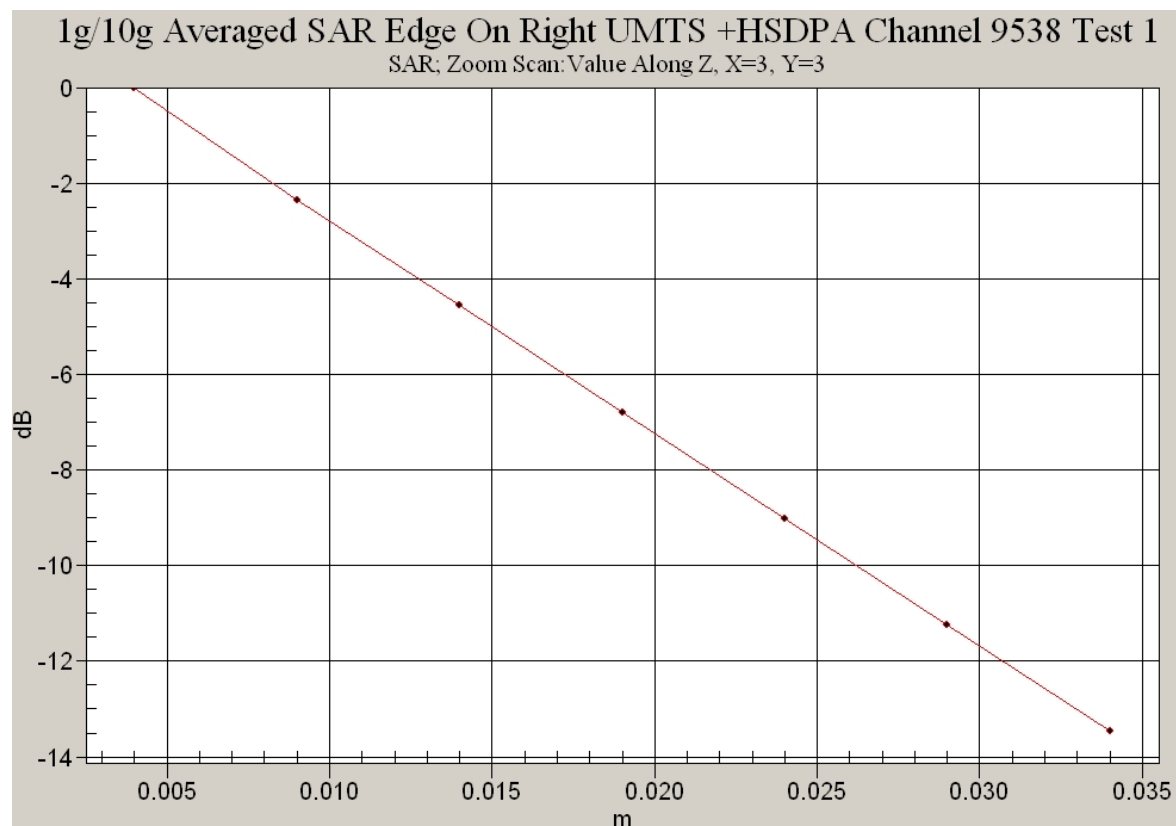


SAR MEASUREMENT PLOT 43

Ambient Temperature
Liquid Temperature
Humidity

21.5 Degrees Celsius
21.1 Degrees Celsius
61.0 %





Test Date: 28 November 2007

File Name: Edge On Right 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: 1852.4 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.52539$ mho/m, $\epsilon_r = 51.1839$; $\rho = 1000$ 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 (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.511 mW/g

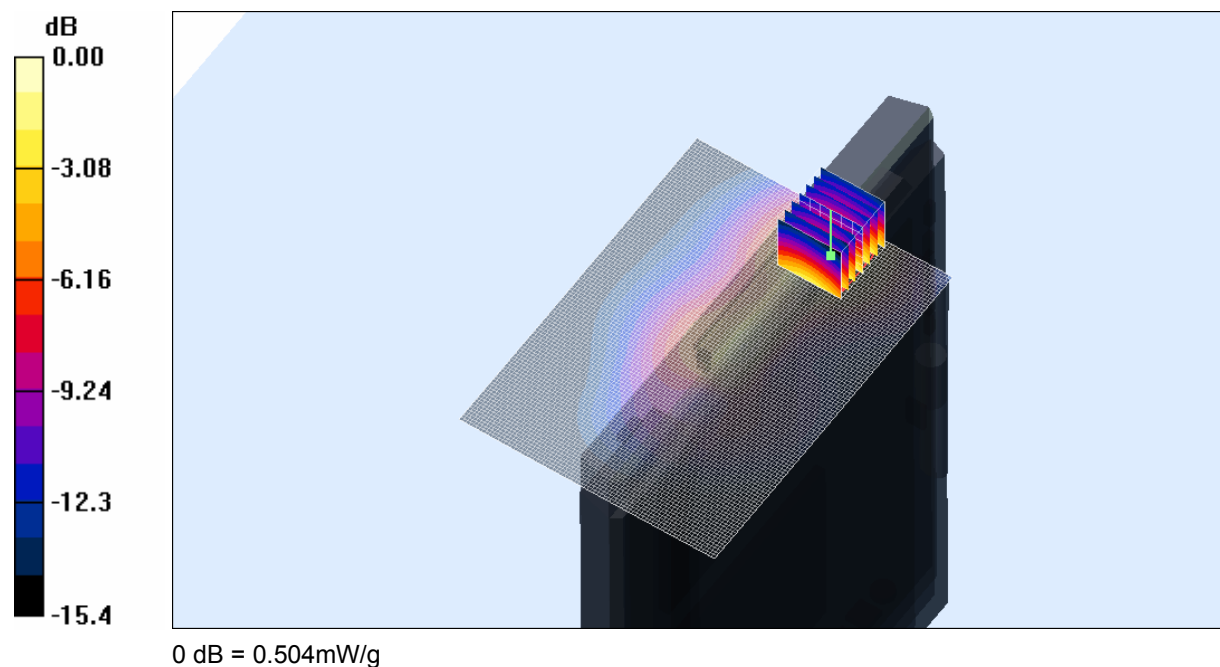
Channel 9262 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.91 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.504 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: Edge On Right 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 (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.456 mW/g

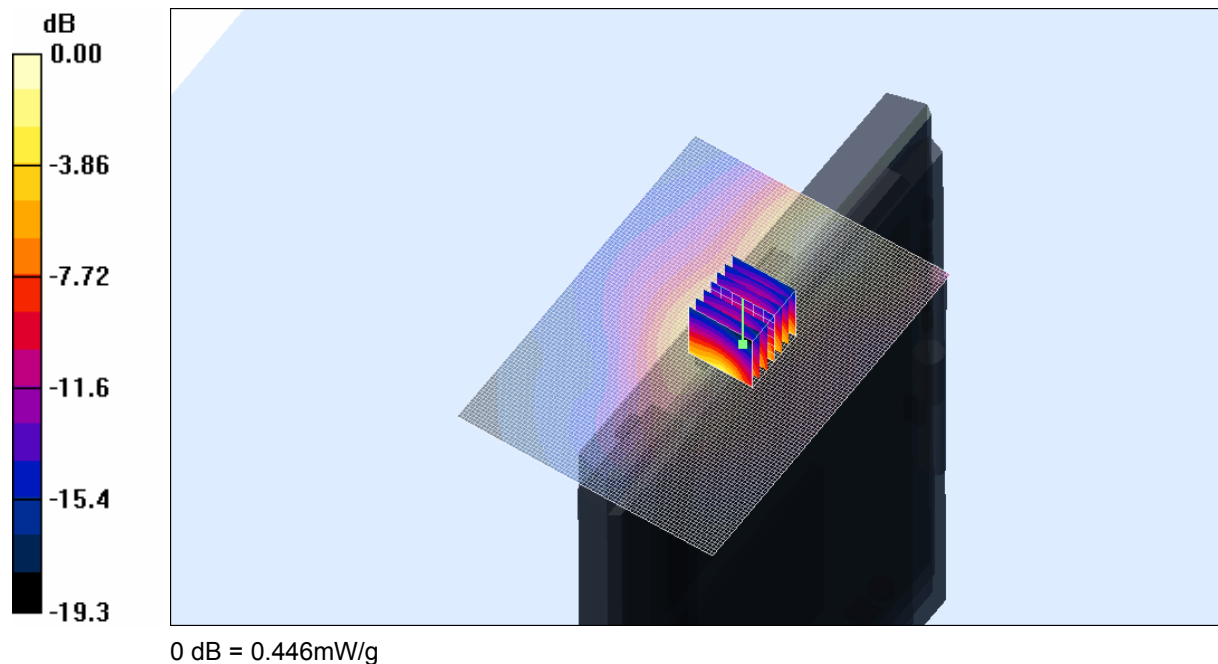
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.60 V/m; Power Drift = -0.260 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.446 mW/g



SAR MEASUREMENT PLOT 45

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 28-11-07.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1907.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55854$ mho/m, $\epsilon_r = 50.9548$; $\rho = 1000$ 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 9538 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.613 mW/g

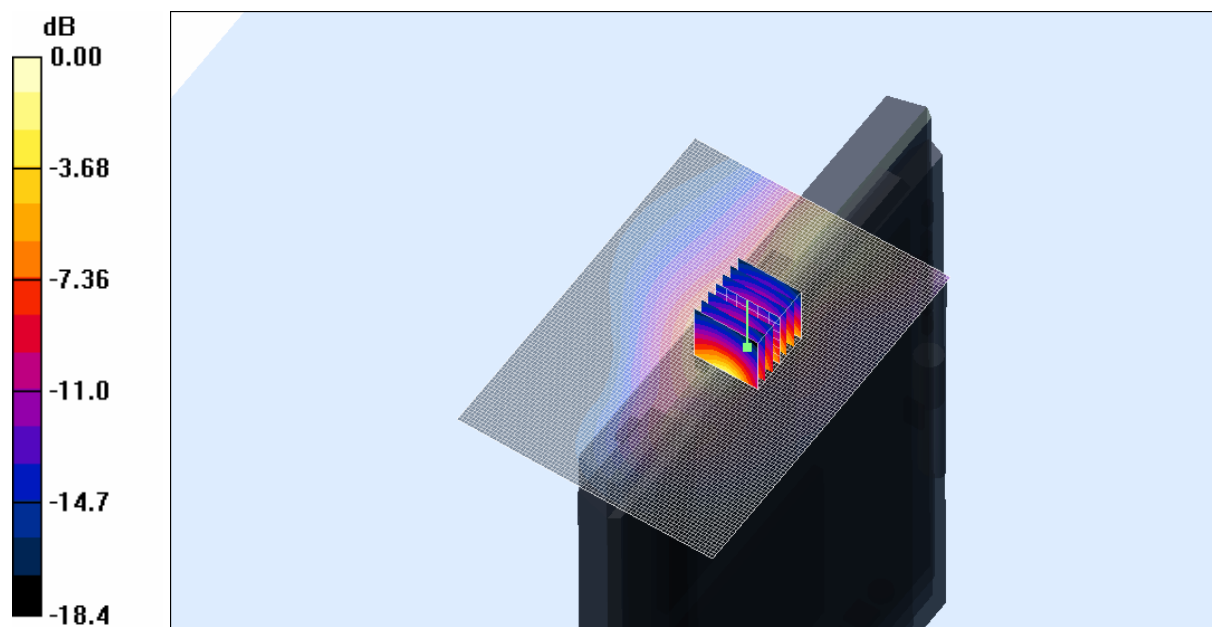
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.901 V/m; Power Drift = 0.212 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.605 mW/g



0 dB = 0.605mW/g

SAR MEASUREMENT PLOT 46

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 WiFi ON 28-11-07.da4

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

* Communication System: 1900 MHz 3G; Frequency: 1907.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.55854$ mho/m, $\epsilon_r = 50.9548$; $\rho = 1000$ 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 9538 Test/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.522 mW/g

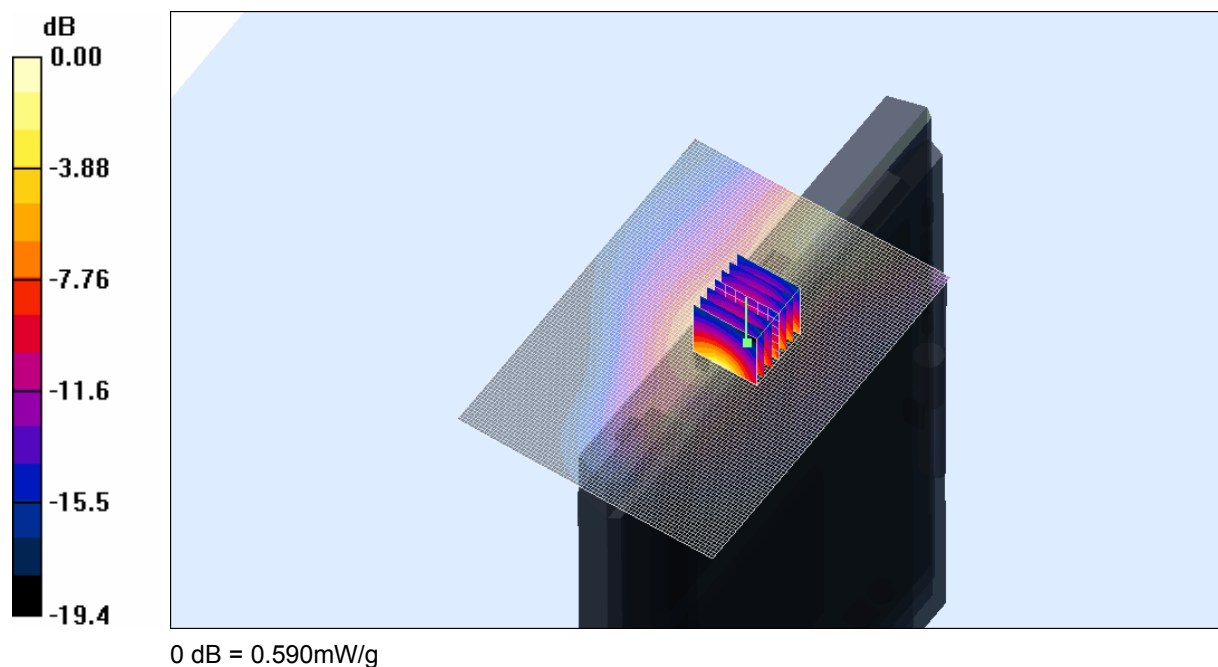
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.288 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.258 mW/g

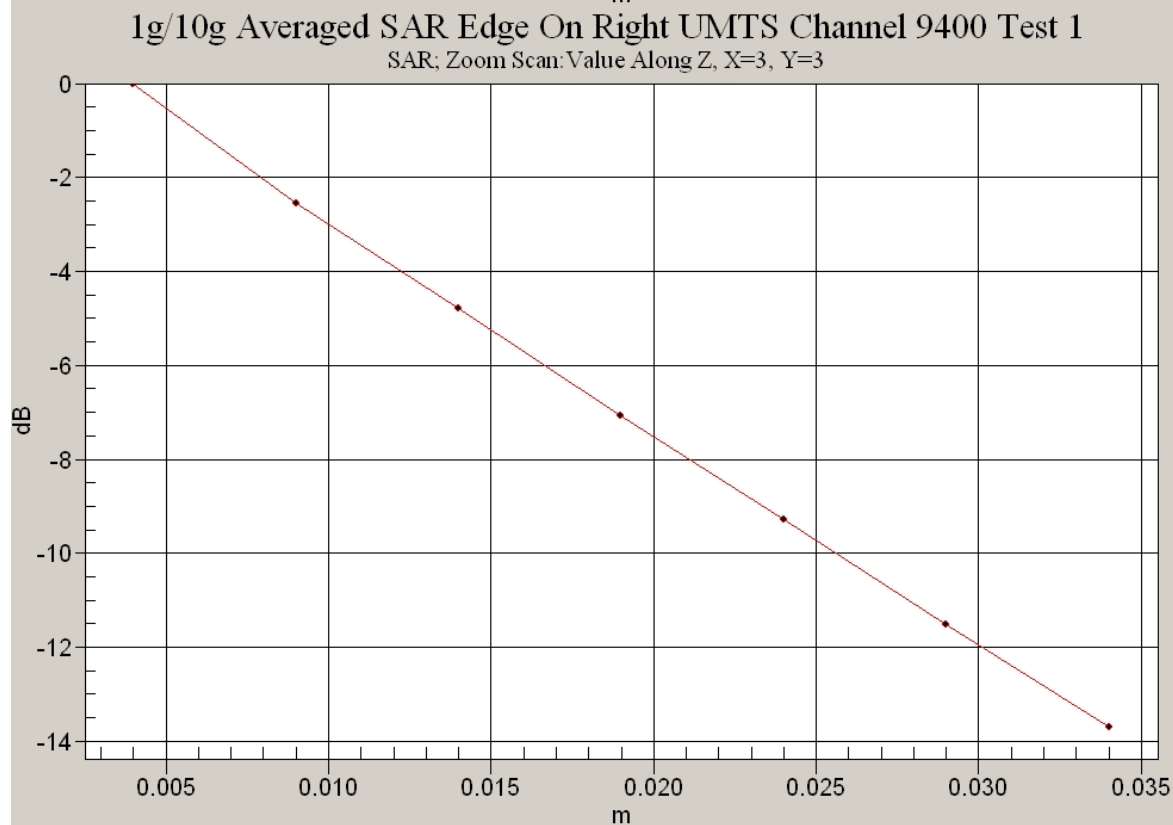
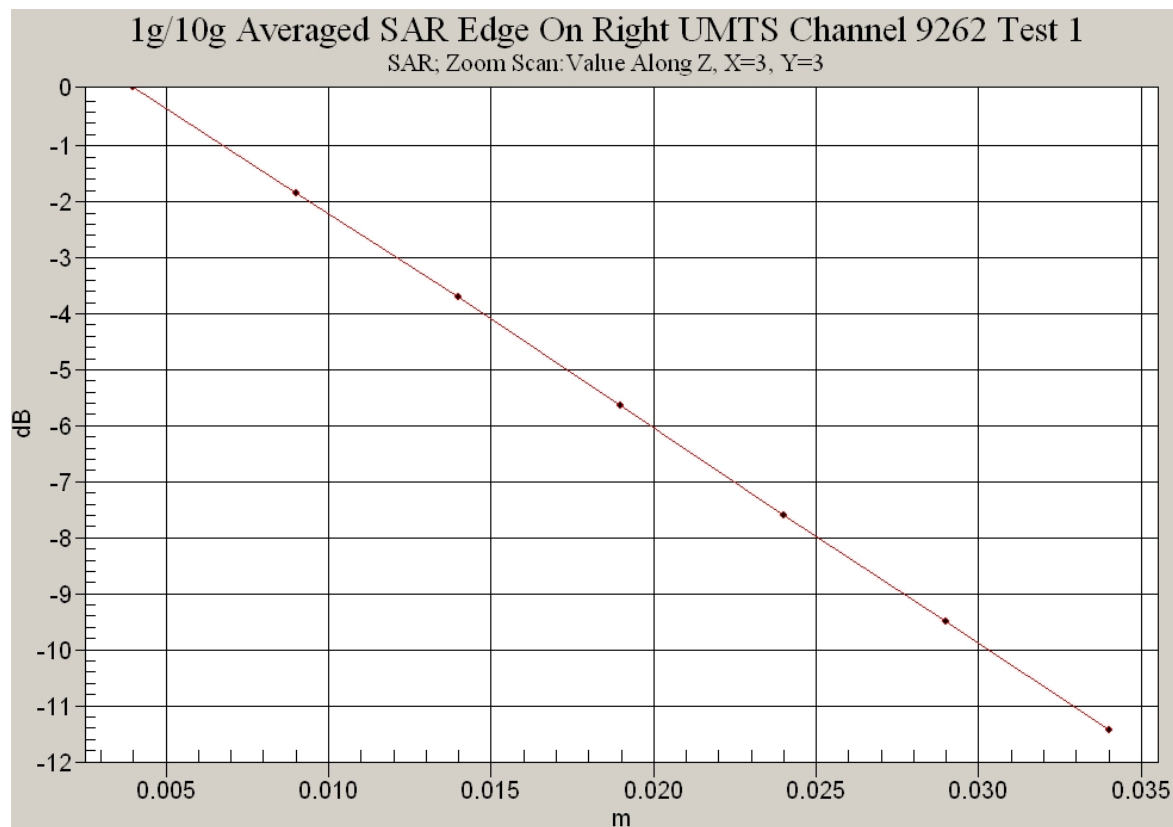
Maximum value of SAR (measured) = 0.590 mW/g

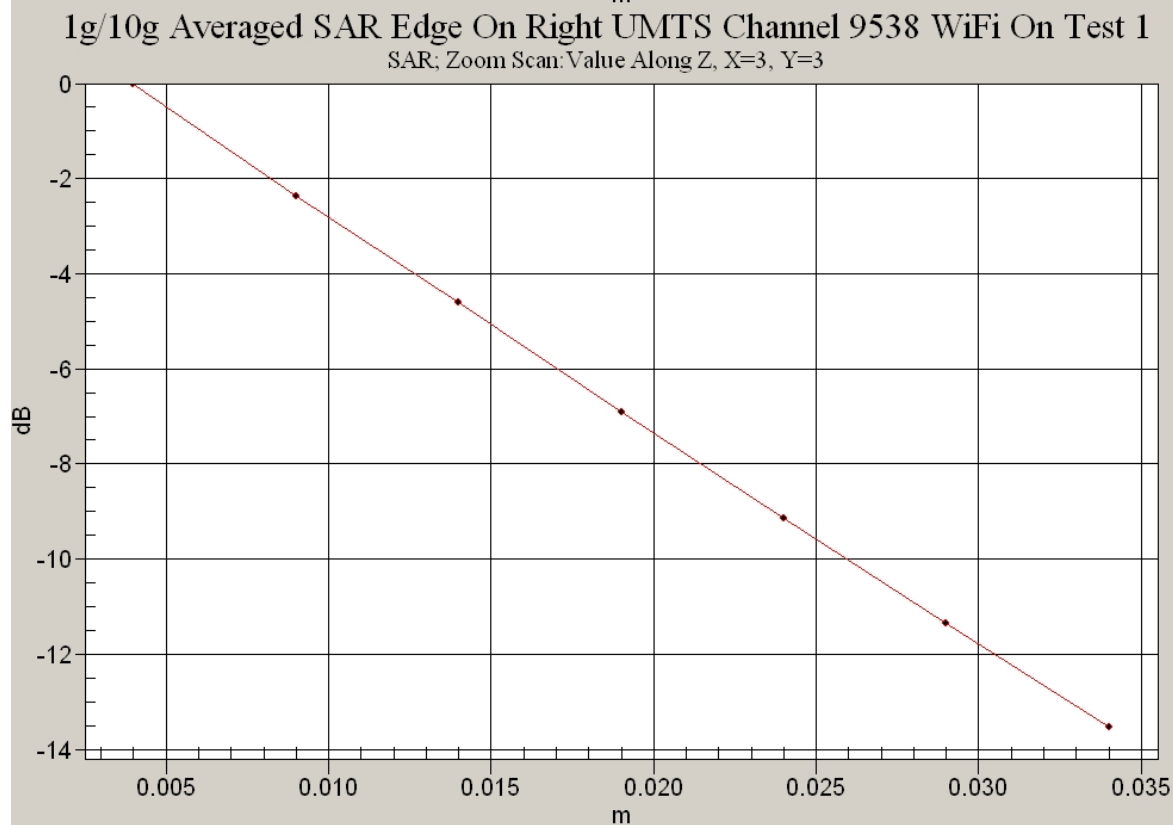
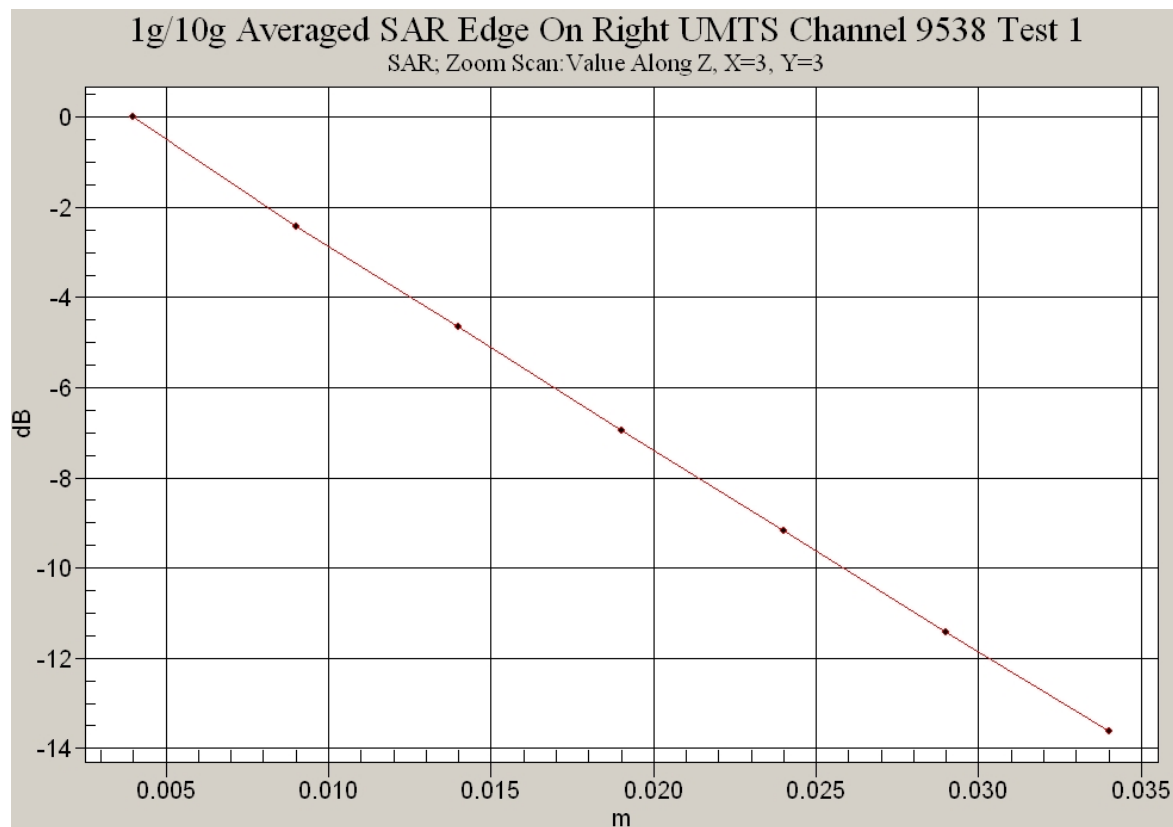


SAR MEASUREMENT PLOT 47

Ambient Temperature
Liquid Temperature
Humidity

21.5 Degrees Celsius
21.1 Degrees Celsius
61.0 %





Test Date: 27 November 2007

File Name: Validation 900 MHz (DAE359 Probe1377) 27-11-07.da4

DUT: Dipole 900 MHz; Type: DV900; Serial: 047

* Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.996746$ mho/m, $\epsilon_r = 42.1565$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.43, 6.43, 6.43)

- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.02 mW/g

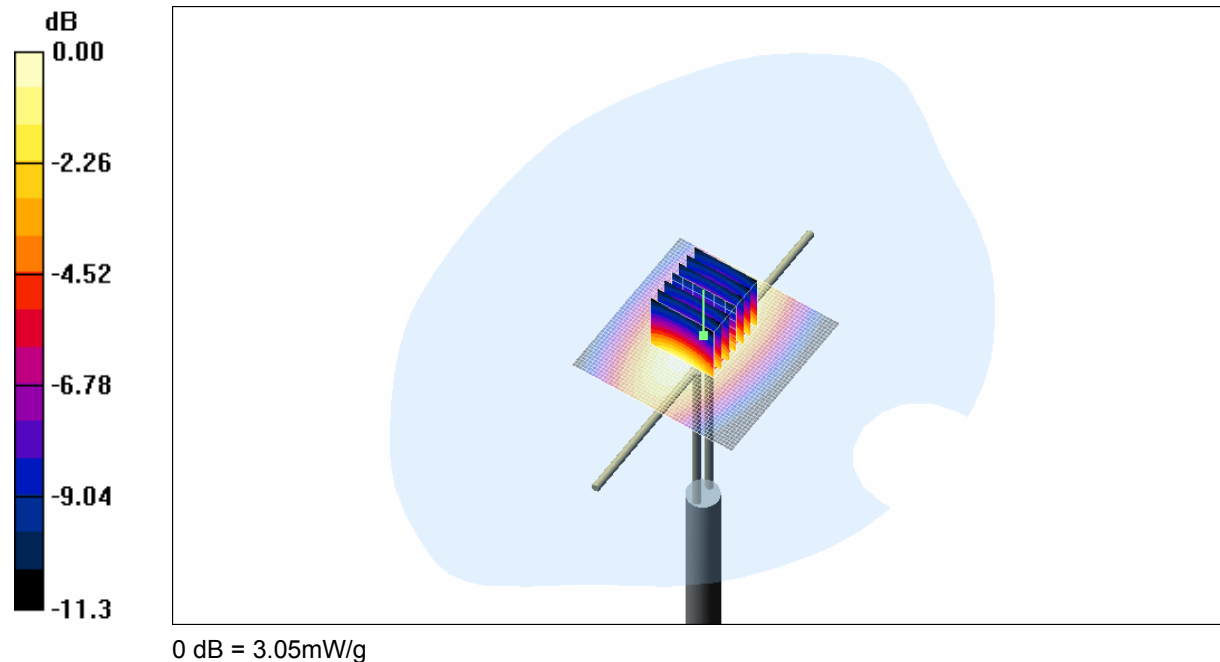
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.1 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.31 W/kg

SAR(1 g) = 2.81 mW/g; SAR(10 g) = 1.8 mW/g

Maximum value of SAR (measured) = 3.05 mW/g



SAR MEASUREMENT PLOT 48

Ambient Temperature
Liquid Temperature
Humidity

21.6 Degrees Celsius
20.9 Degrees Celsius
53.0 %

Test Date: 28 November 2007

File Name: Validation 1800 MHz (DAE359 Probe1377) 28-11-07.da4

DUT: Dipole 1800 MHz; Type: DV1800V2; Serial: 242

* Communication System: CW 1800 MHz; Frequency: 1800 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.3624$ mho/m, $\epsilon_r = 38.1139$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(5.13, 5.13, 5.13)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.4 mW/g

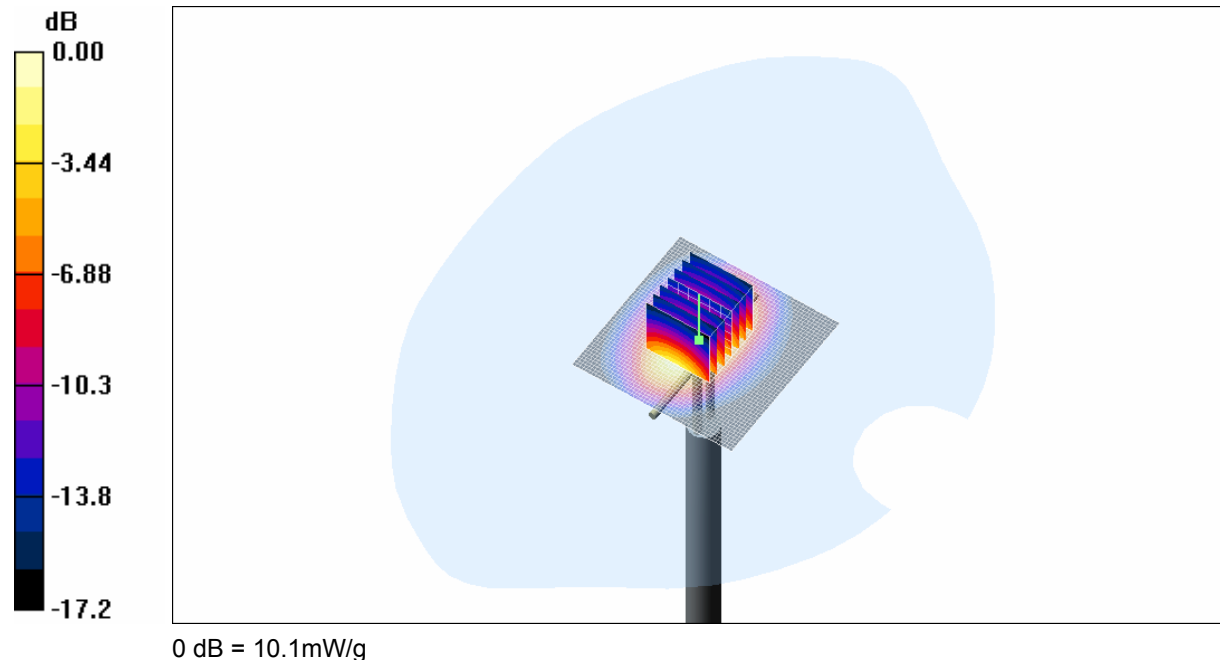
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.2 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 9.03 mW/g; SAR(10 g) = 4.8 mW/g

Maximum value of SAR (measured) = 10.1 mW/g



SAR MEASUREMENT PLOT 49

Ambient Temperature

21.5 Degrees Celsius

Liquid Temperature

21.1 Degrees Celsius

Humidity

61.0 %

Test Date: 29 November 2007

File Name: Validation 1800 MHz (DAE359 Probe1377) 29-11-07.da4

DUT: Dipole 1800 MHz; Type: DV1800V2; Serial: 242

* Communication System: CW 1800 MHz; Frequency: 1800 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 1.38049$ mho/m, $\epsilon_r = 38.5131$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(5.13, 5.13, 5.13)

- Phantom: SAM 22; Serial: 1260; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.7 mW/g

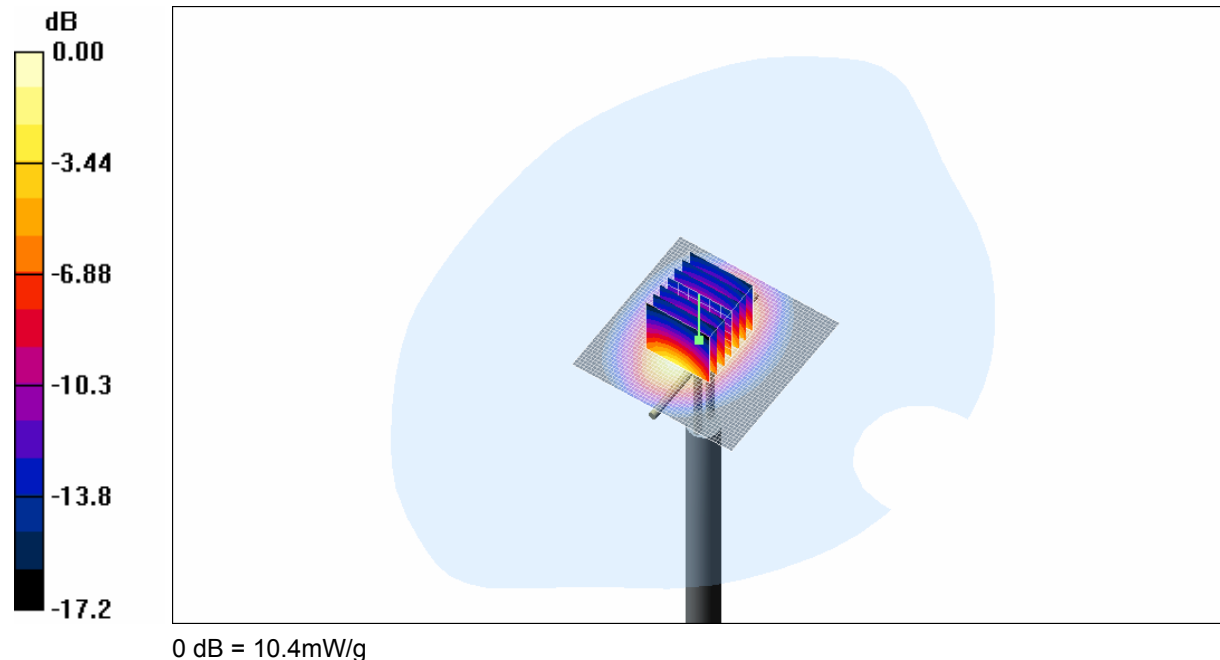
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.7 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 9.27 mW/g; SAR(10 g) = 4.95 mW/g

Maximum value of SAR (measured) = 10.4 mW/g



SAR MEASUREMENT PLOT 50

Ambient Temperature

21.7 Degrees Celsius

Liquid Temperature

21.1 Degrees Celsius

Humidity

62.0 %

Test Date: 29 November 2007

File Name: Validation 900 MHz (DAE359 Probe1377) 28-11-07.da4

DUT: Dipole 900 MHz; Type: DV900; Serial: 047

* Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1

* Medium parameters used: $\sigma = 0.950406$ mho/m, $\epsilon_r = 40.2931$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: ET3DV6 - SN1377; ConvF(6.43, 6.43, 6.43)

- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.91 mW/g

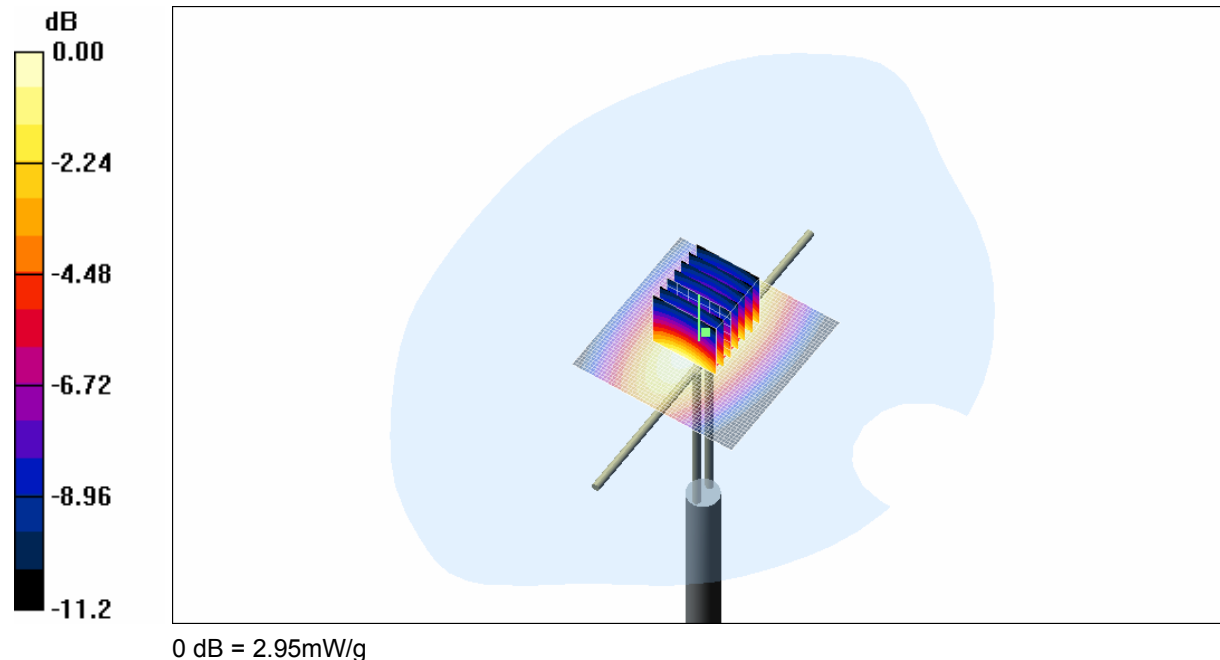
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.3 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.15 W/kg

SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.73 mW/g

Maximum value of SAR (measured) = 2.95 mW/g



SAR MEASUREMENT PLOT 51

Ambient Temperature

21.7 Degrees Celsius

Liquid Temperature

21.2 Degrees Celsius

Humidity

59.0 %

