

APPENDIX B PLOTS OF THE SAR MEASUREMENTS

Plots of the measured SAR distributions inside the phantom are given in this Appendix for all tested configurations. The spatial peak SAR values were assessed with the procedure described in this report.

Table: 850MHz GPRS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant (In/Out)	Test Channel
Tablet	1	In	190
	2	Out	190
Secondary Portrait	3	In	190
	4	Out	128
	5	Out	190
	6	Out	251

Table: 1900MHz GPRS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant (In/Out)	Test Channel
Tablet	7	In	661
Secondary Portrait	8	Out	661
	9	In	512
	10	In	661
	11	In	810

Table: 850MHz UMTS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant (In/Out)	Test Channel
Tablet	12	In	4183
	13	Out	4183
Secondary Portrait	14	In	4183
	15	Out	4132
	16	Out	4183
	17	Out	4233

Table: 1900MHz UMTS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Ant (In/Out)	Test Channel
Tablet	18	In	9400
	19	Out	9400
Secondary Portrait	20	Out	9400
	21	In	9262
	22	In	9400
	23	In	9538



Table: Validation Plots

Plot 24	Validation 900 MHz 20 th November 2009
Plot 25	Validation 1800 MHz 22 nd November 2009
Plot 26	Validation 1950 MHz 22 nd November 2009



Test Date: 20 November 2009

File Name: M091071 850 MHz GPRS Class 10 Tablet Antenna In 20-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 190 Test/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.016 mW/g

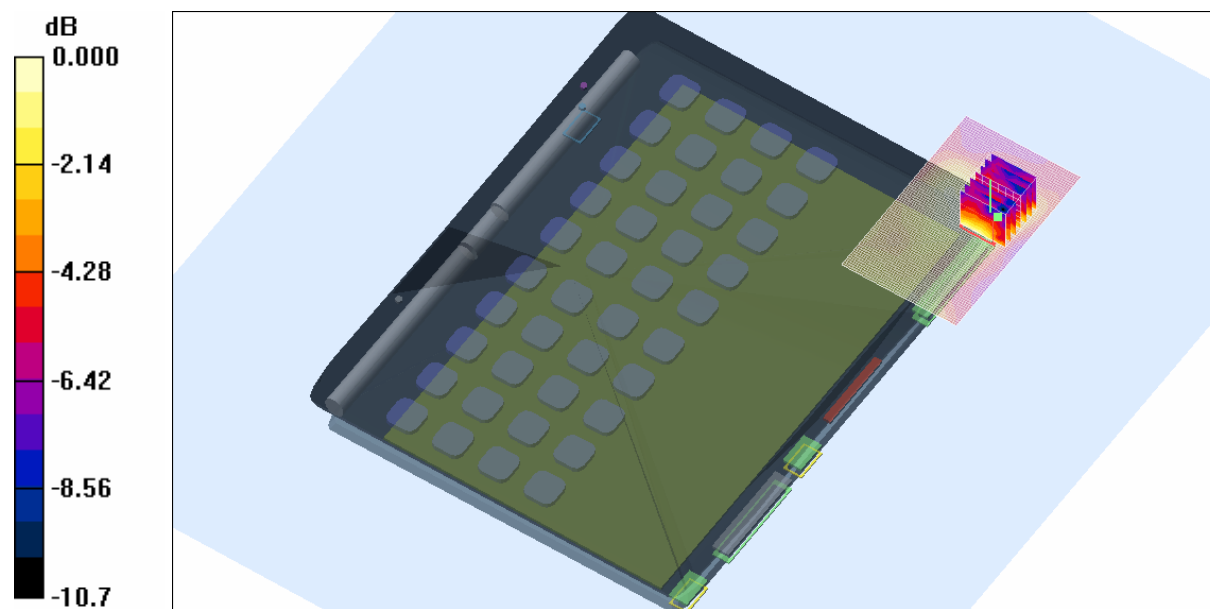
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.72 V/m ; Power Drift = -0.436 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.015 mW/g ; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



0 dB = 0.016mW/g

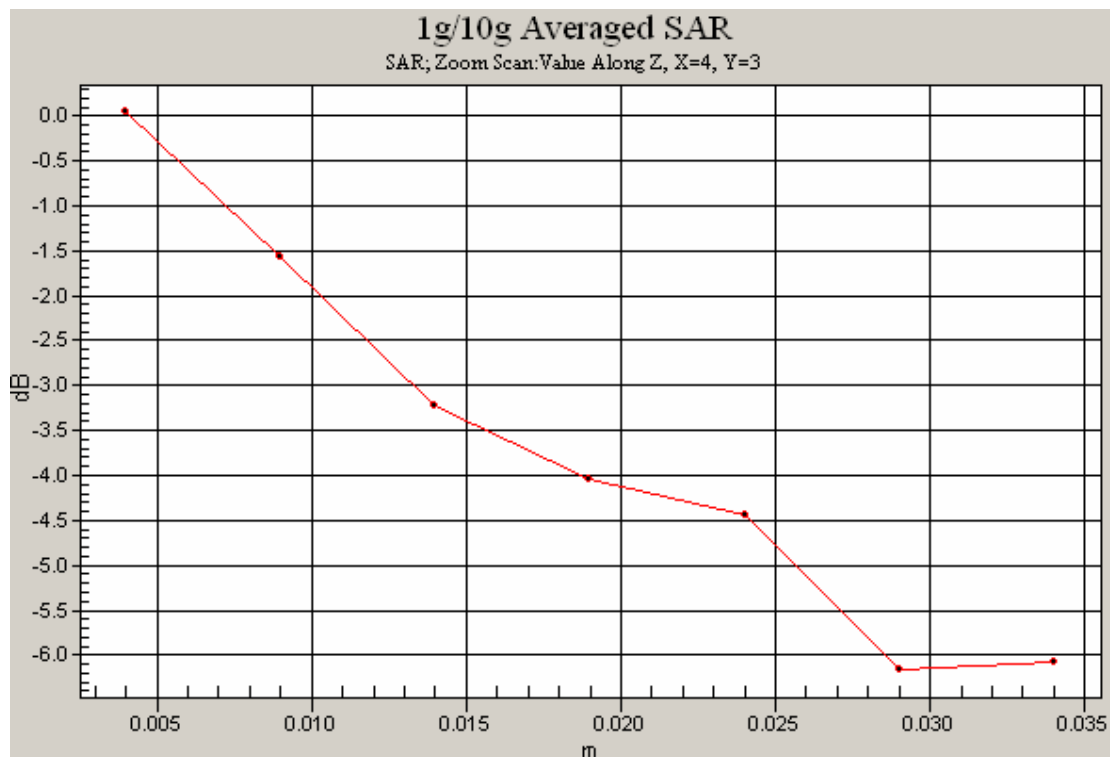
SAR MEASUREMENT PLOT 1

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %



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Test Date: 20 November 2009

File Name: M091071 850 MHz GPRS Class 10 Tablet Antenna Out 20-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 190 Test 2/Area Scan (81x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.019 mW/g

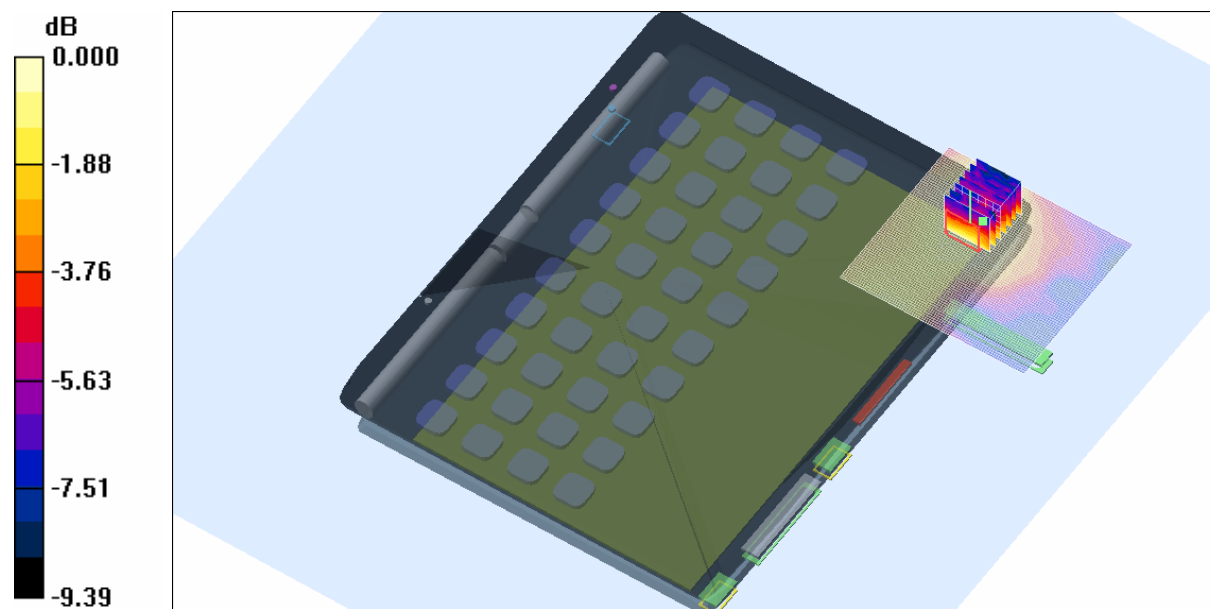
Channel 190 Test 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.02 V/m; Power Drift = -0.346 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.020 mW/g



0 dB = 0.020mW/g

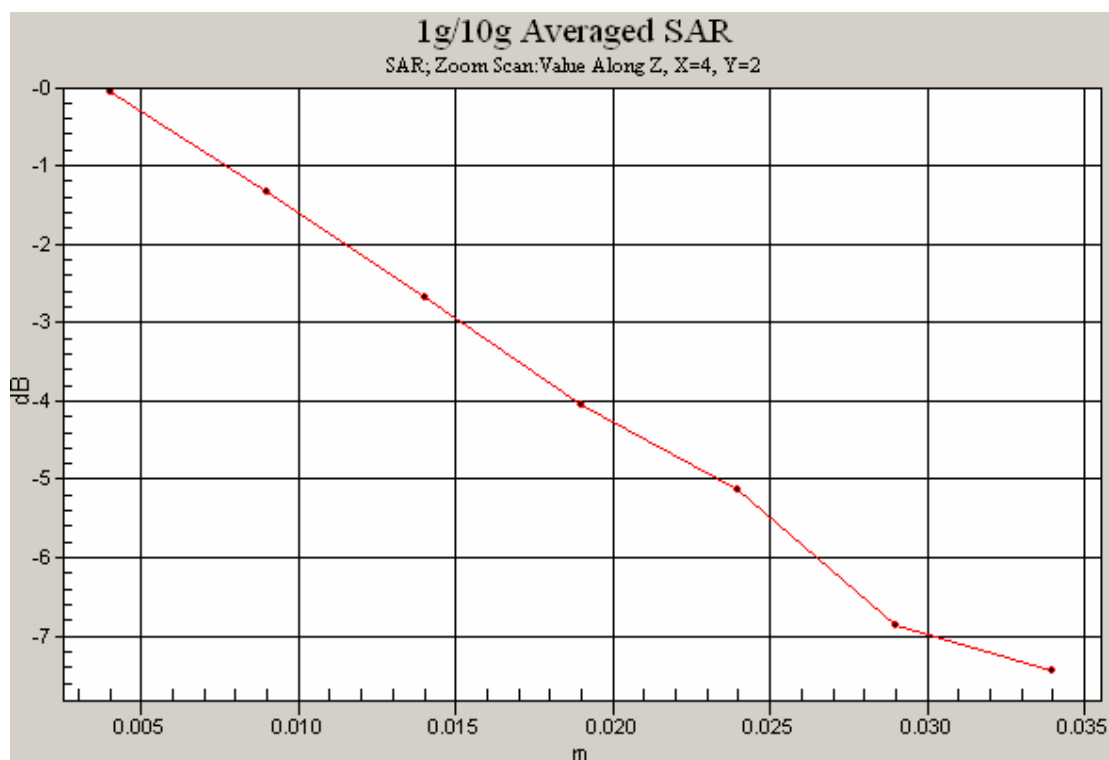
SAR MEASUREMENT PLOT 2

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %



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Test Date: 20 November 2009

File Name: M091071 850 MHz GPRS Class 10 Edge On Secondary Portrait Antenna In 20-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 190 Test/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.059 mW/g

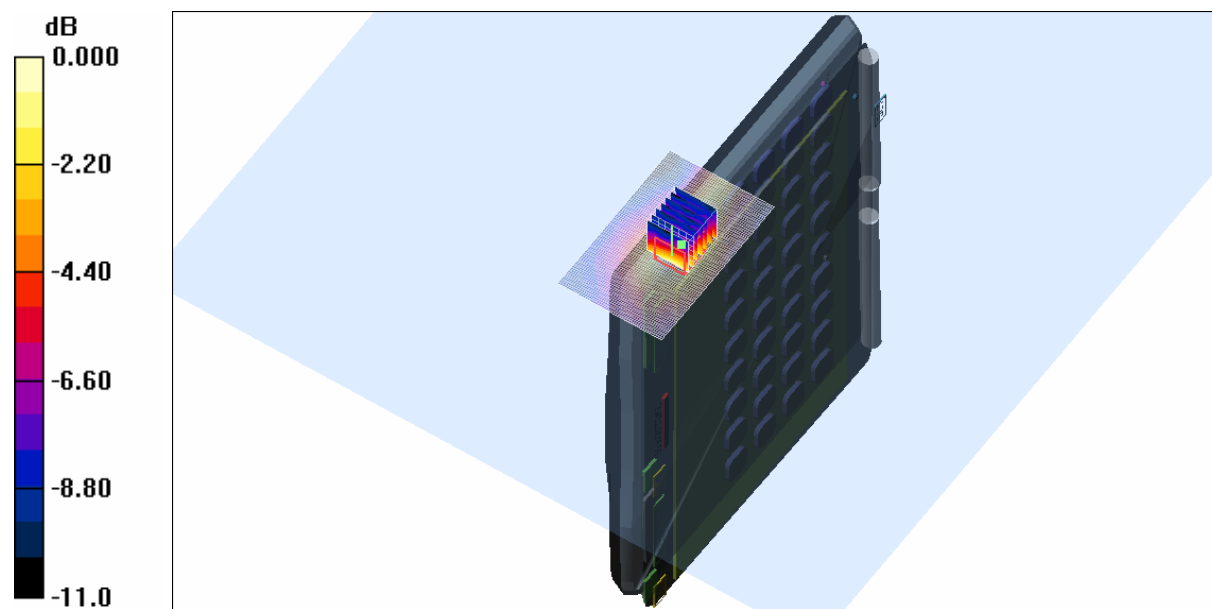
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.32 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

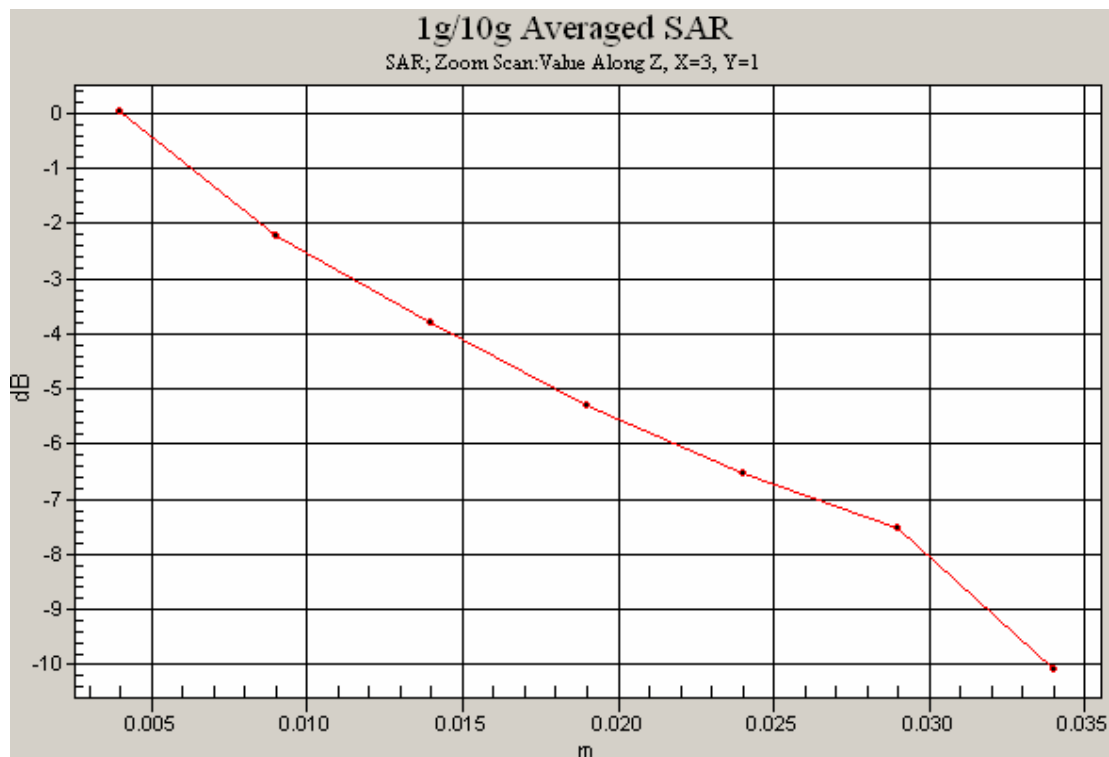
SAR MEASUREMENT PLOT 3

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %



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Test Date: 20 November 2009

File Name: M091071 850 MHz GPRS Class 10 Edge On Secondary Portrait Antenna Out 20-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

* Medium parameters used: $f = 824$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 128 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.068 mW/g

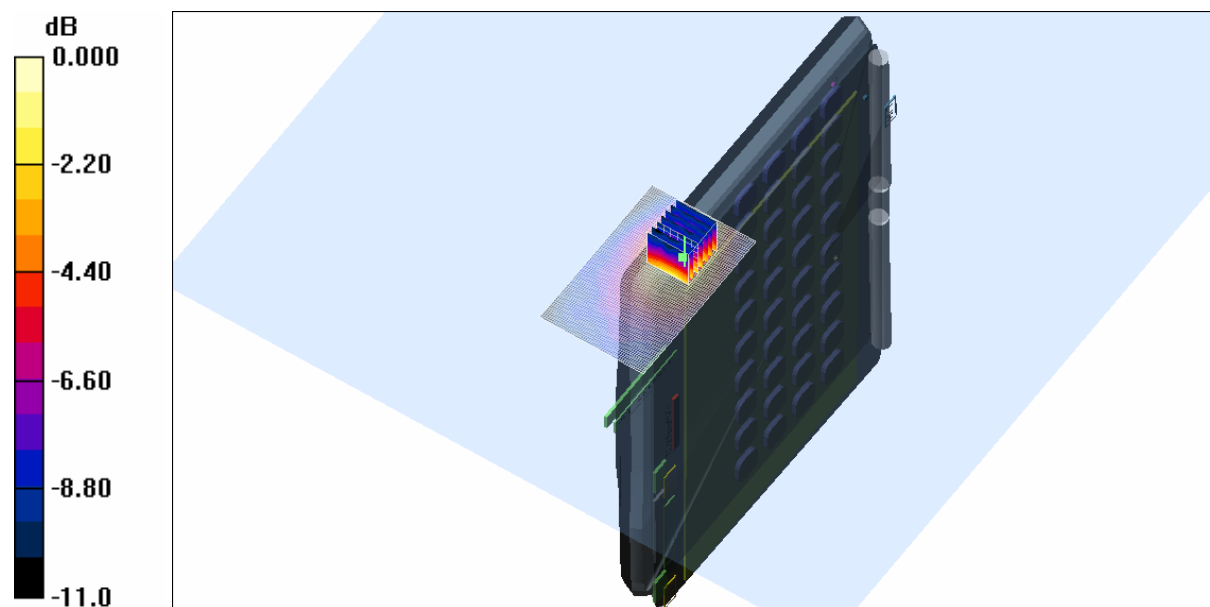
Channel 128 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.28 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.068mW/g

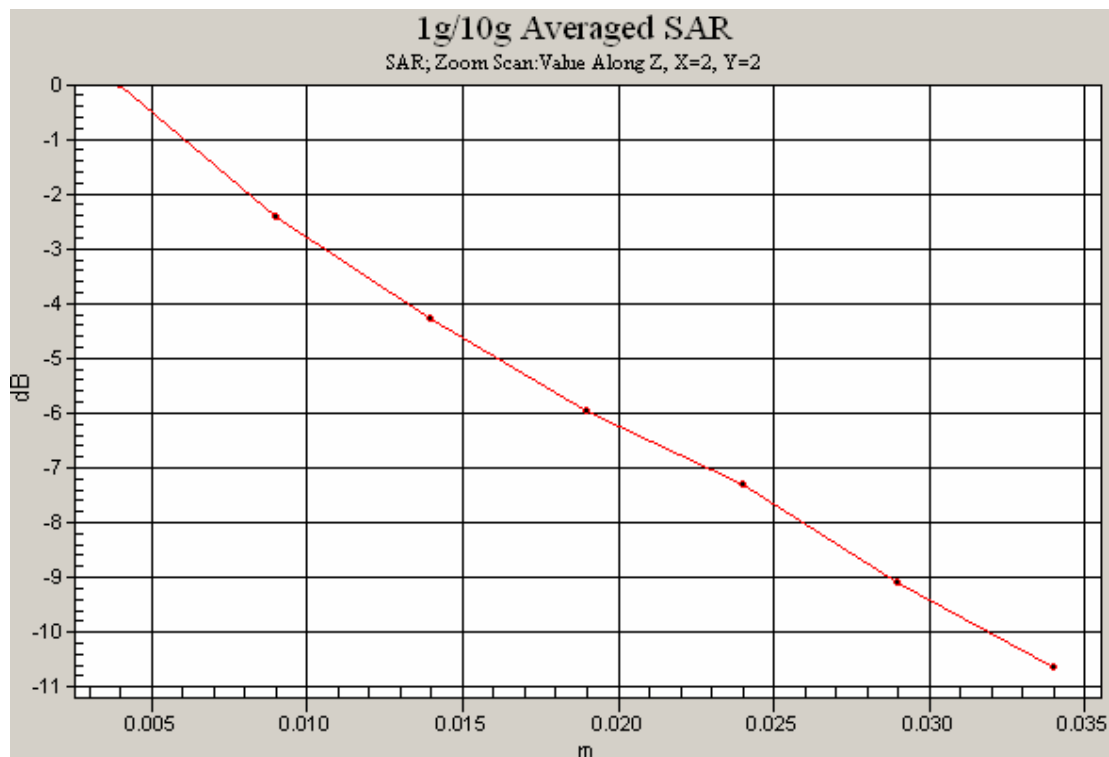
SAR MEASUREMENT PLOT 4

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %



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Test Date: 20 November 2009

File Name: M091071 850 MHz GPRS Class 10 Edge On Secondary Portrait Antenna Out 20-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

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

* Medium parameters used: $f = 836$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 190 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.089 mW/g

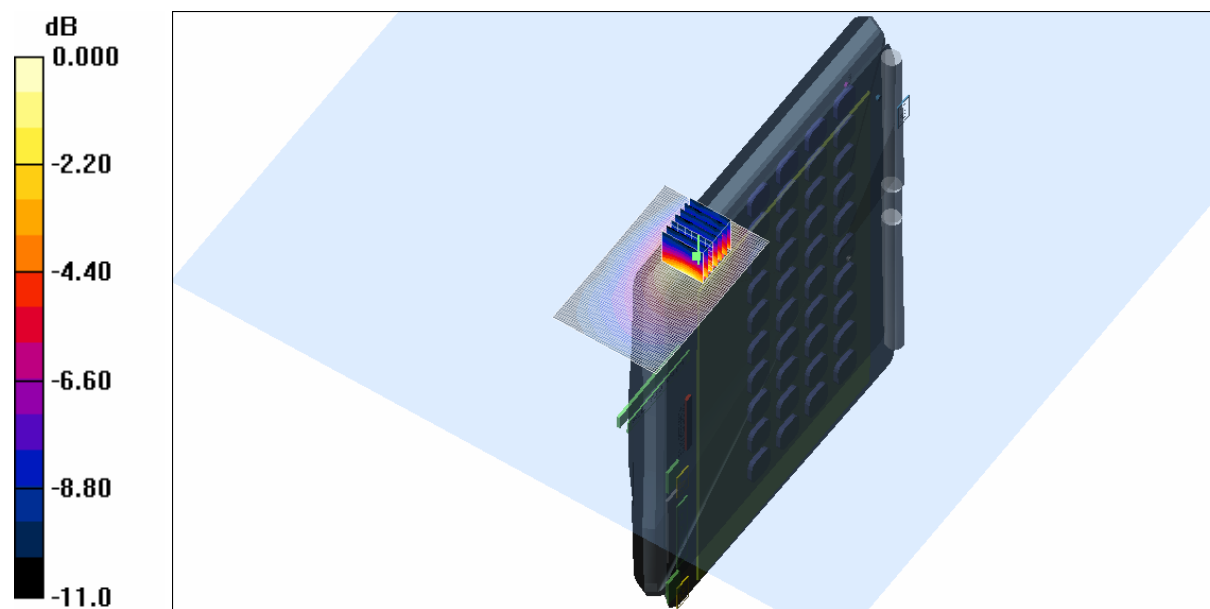
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.86 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.092mW/g

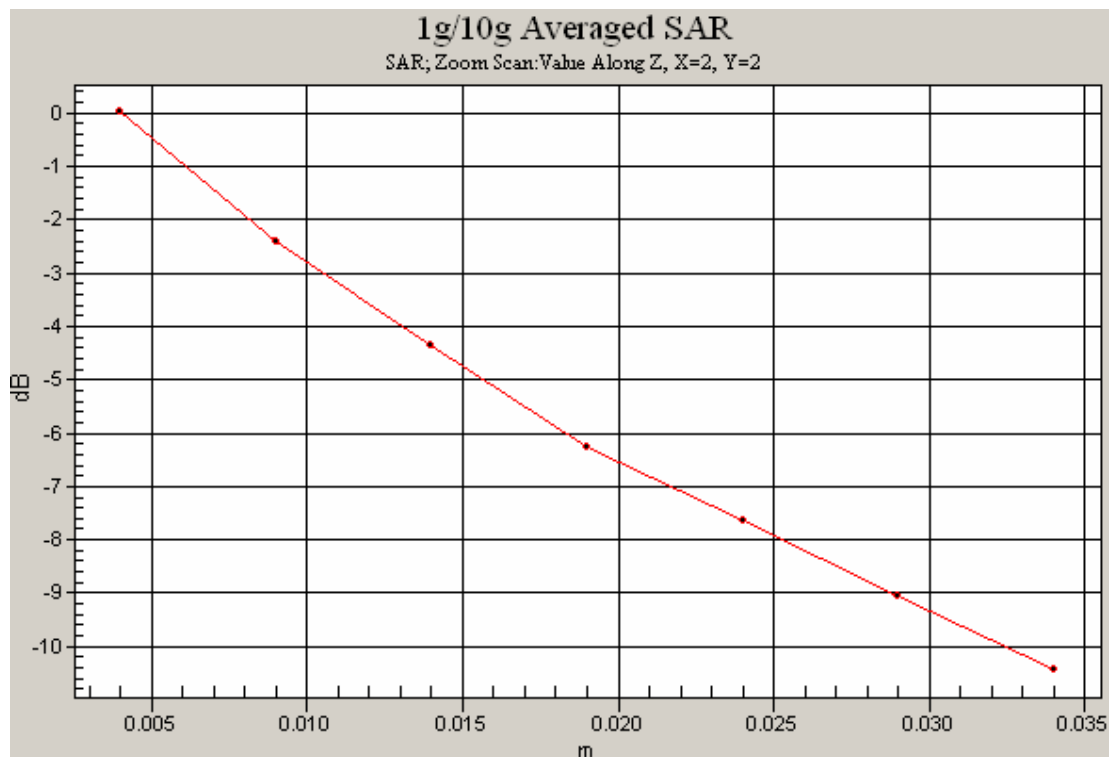
SAR MEASUREMENT PLOT 5

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %



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Test Date: 20 November 2009

File Name: M091071 850 MHz GPRS Class 10 Edge On Secondary Portrait Antenna Out 20-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

* Medium parameters used: $f = 848 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 251 Test/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.111 mW/g

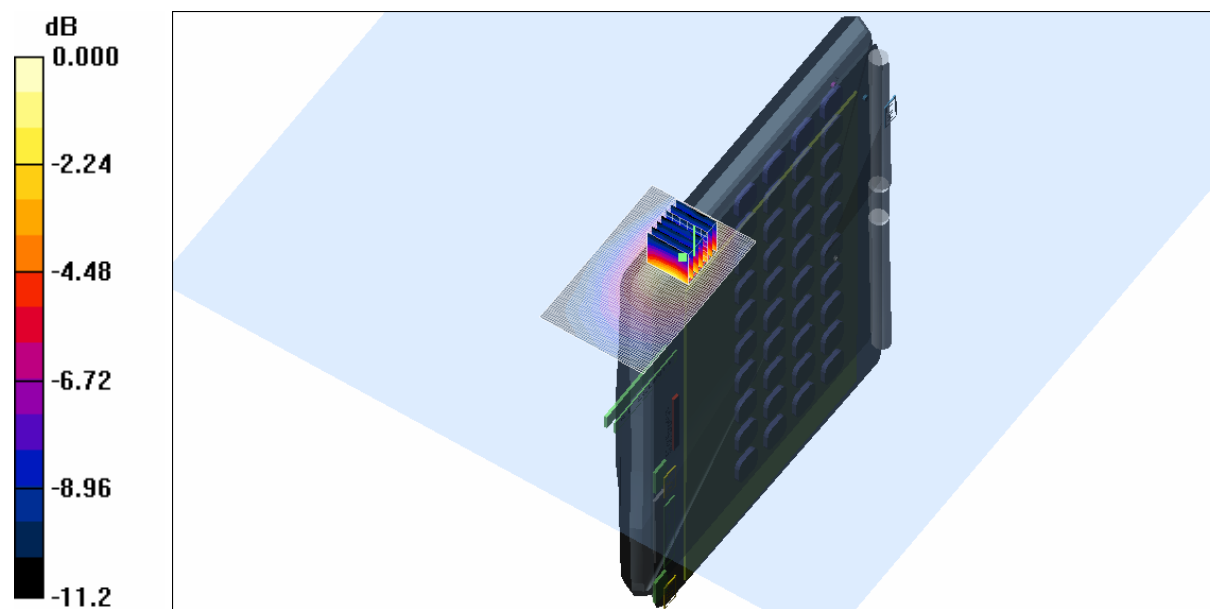
Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.74 V/m ; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.103 mW/g ; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.113 mW/g



0 dB = 0.113 mW/g

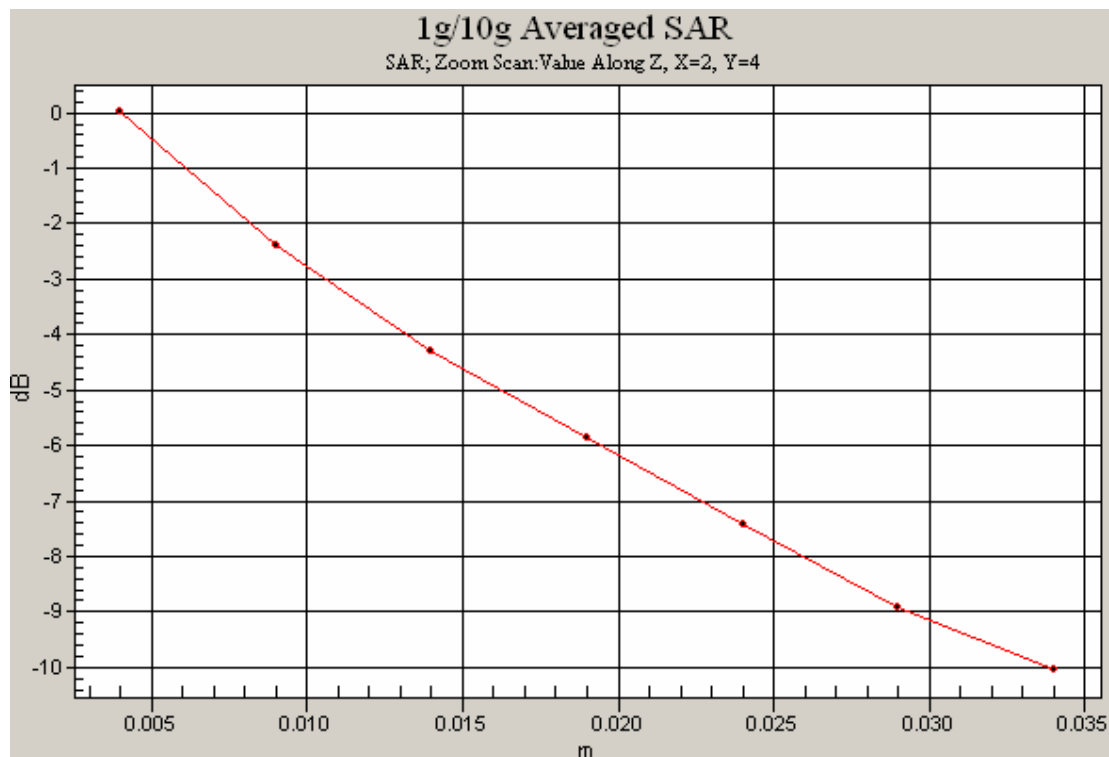
SAR MEASUREMENT PLOT 6

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %



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Test Date: 22 November 2009

File Name: M091071 1950 MHz GPRS Class 10 Tablet Antenna In 22-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

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

* Medium parameters used: $f = 1881$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 661 Test 2/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.035 mW/g

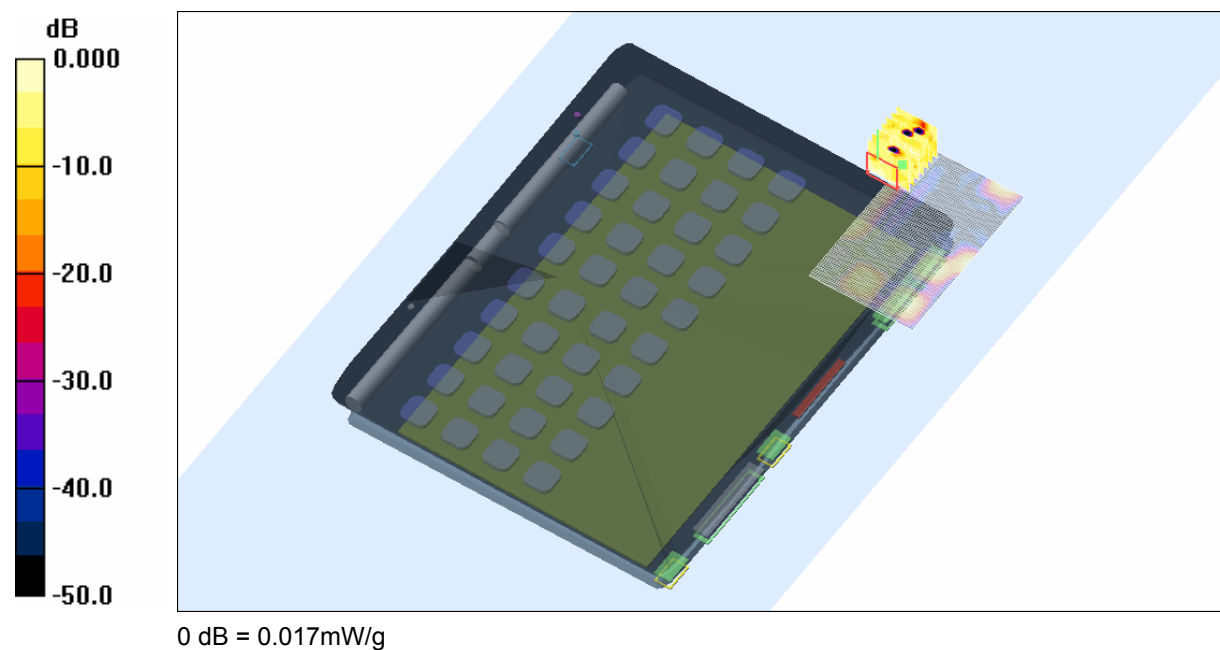
Channel 661 Test 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.32 V/m; Power Drift = -0.319 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0057 mW/g

Maximum value of SAR (measured) = 0.017 mW/g

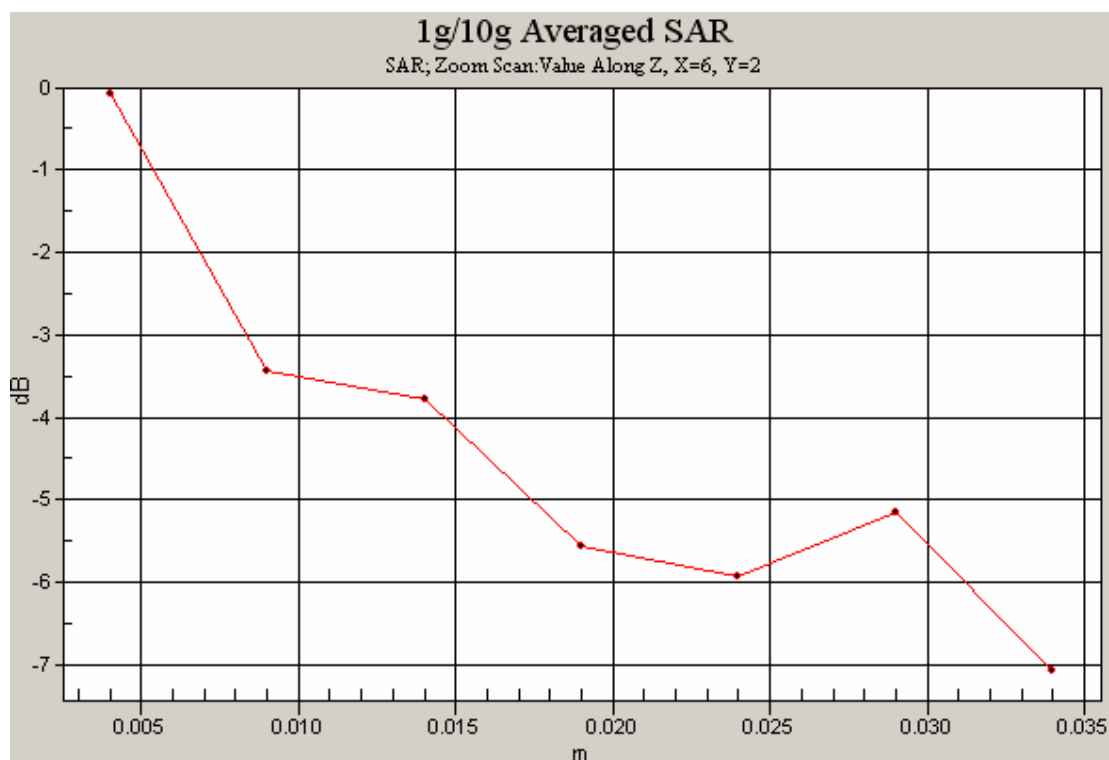


SAR MEASUREMENT PLOT 7

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz GPRS Class 10 Edge On Secondary Portrait Antenna Out 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 1881$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 661 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.027 mW/g

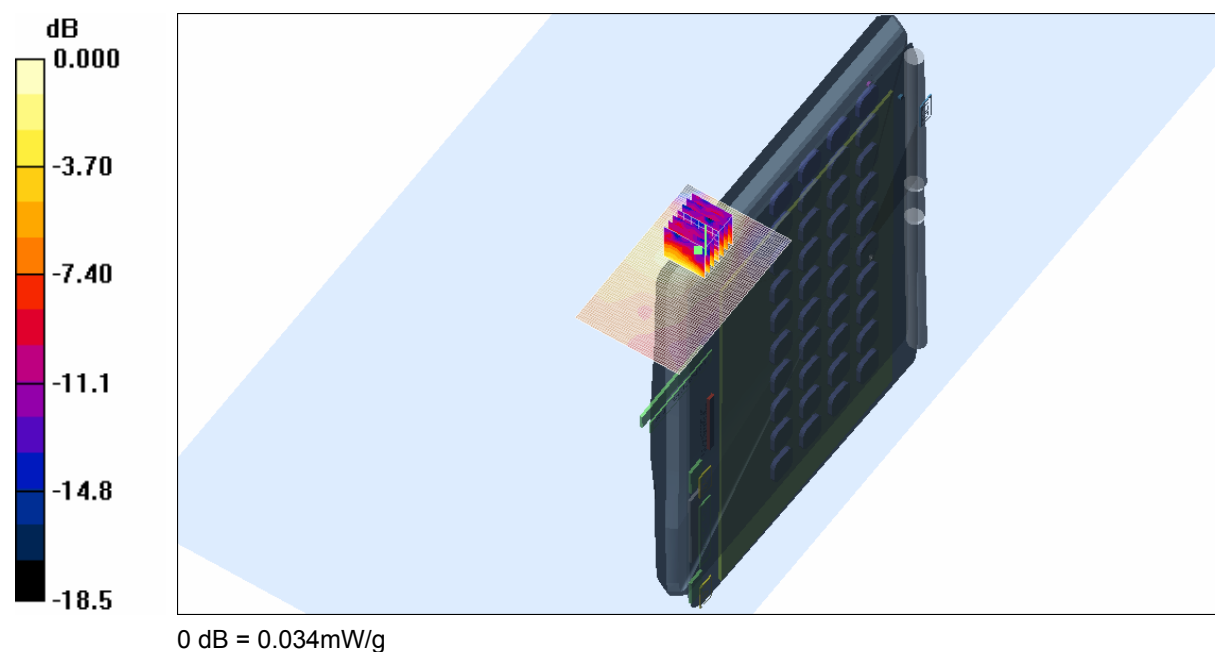
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.09 V/m; Power Drift = 0.342 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



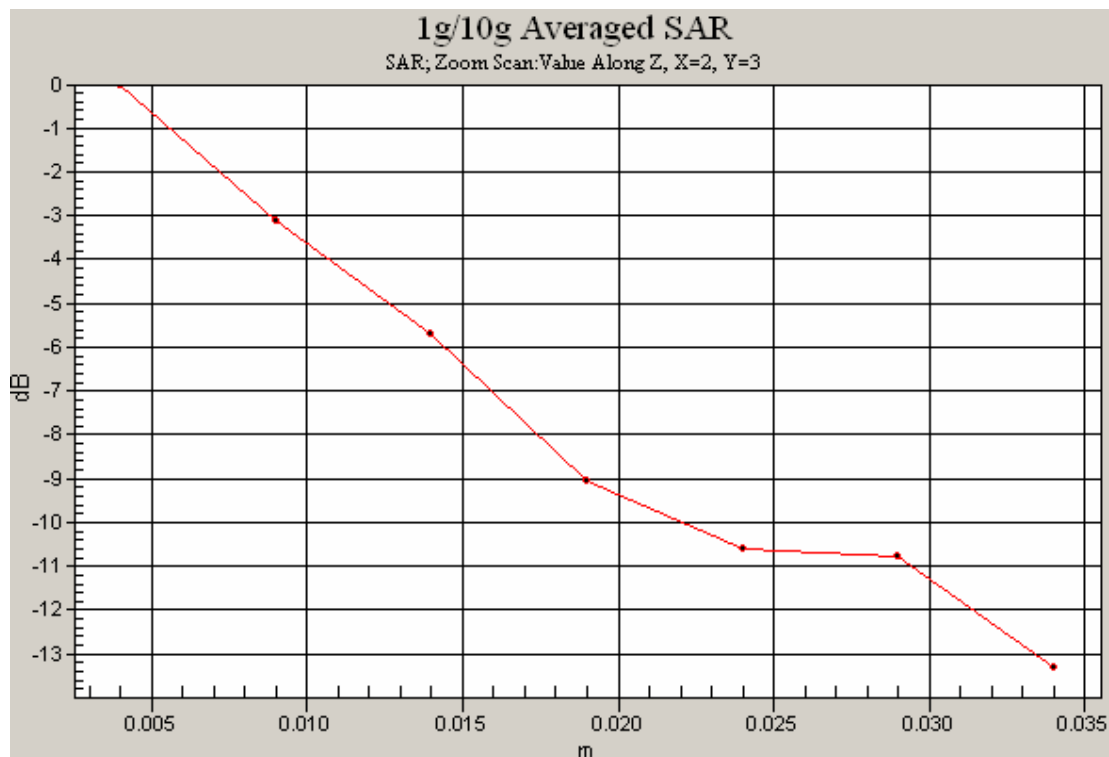
SAR MEASUREMENT PLOT 8

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %



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Test Date: 22 November 2009

File Name: M091071 1950 MHz GPRS Class 10 Edge On Secondary Portrait Antenna In 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

* Medium parameters used: $f = 1851$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 512 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

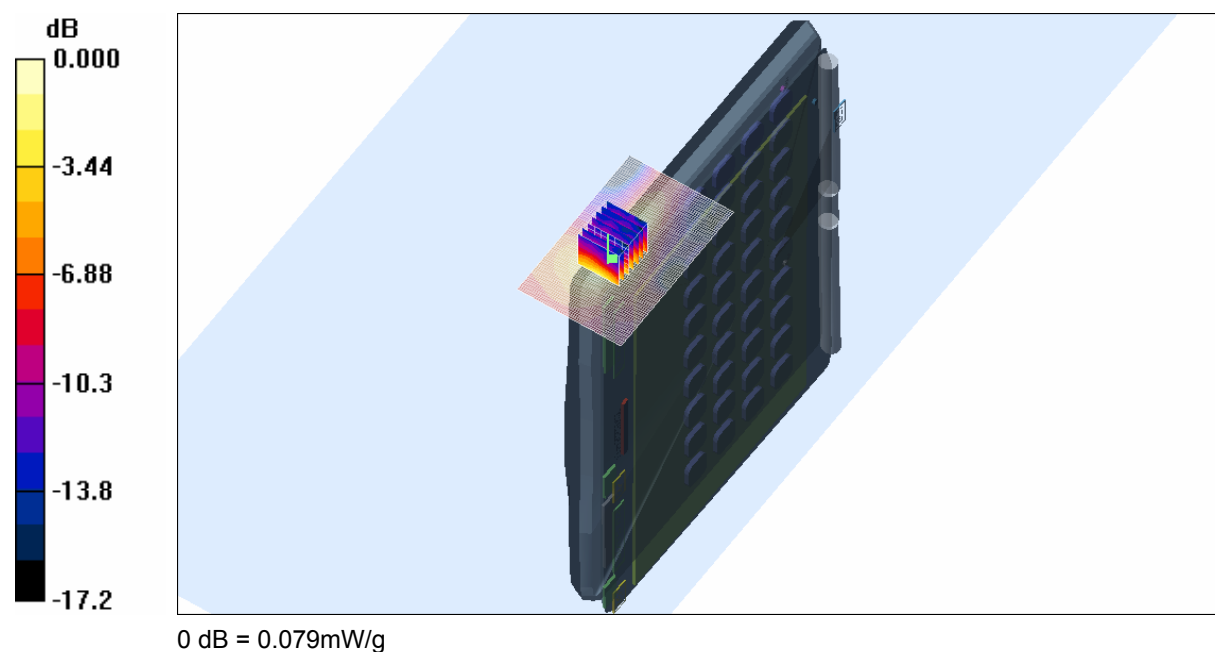
Channel 512 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.01 V/m; Power Drift = 0.243 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.079 mW/g

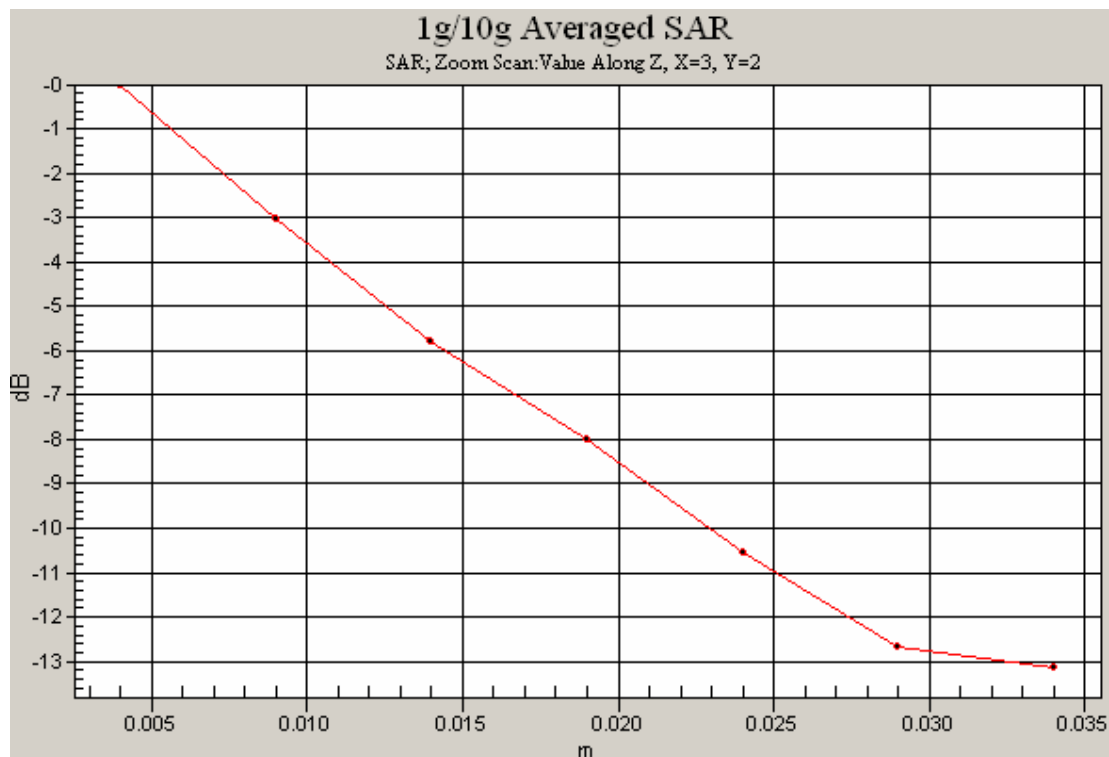


SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz GPRS Class 10 Edge On Secondary Portrait Antenna In 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 1881$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 661 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.060 mW/g

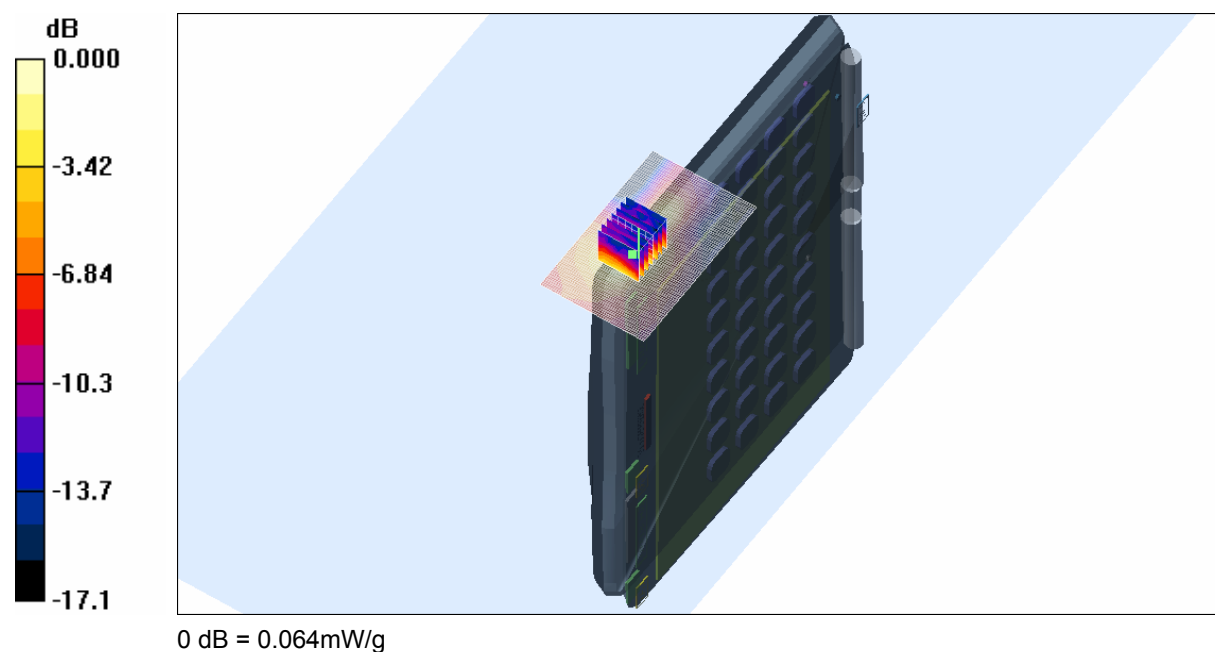
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.84 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.064 mW/g

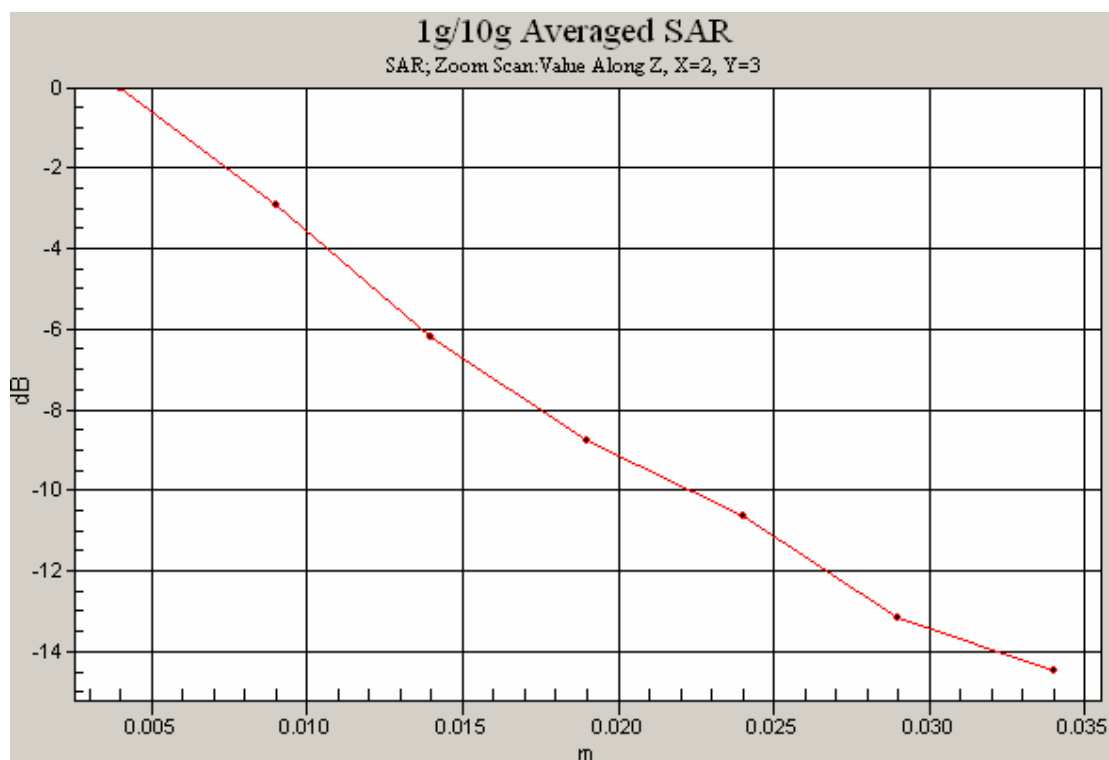


SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz GPRS Class 10 Edge On Secondary Portrait Antenna In 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

* Communication System: 850MHz 1900 MHz GPRS Class 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

* Medium parameters used: $f = 1911$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 810 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.069 mW/g

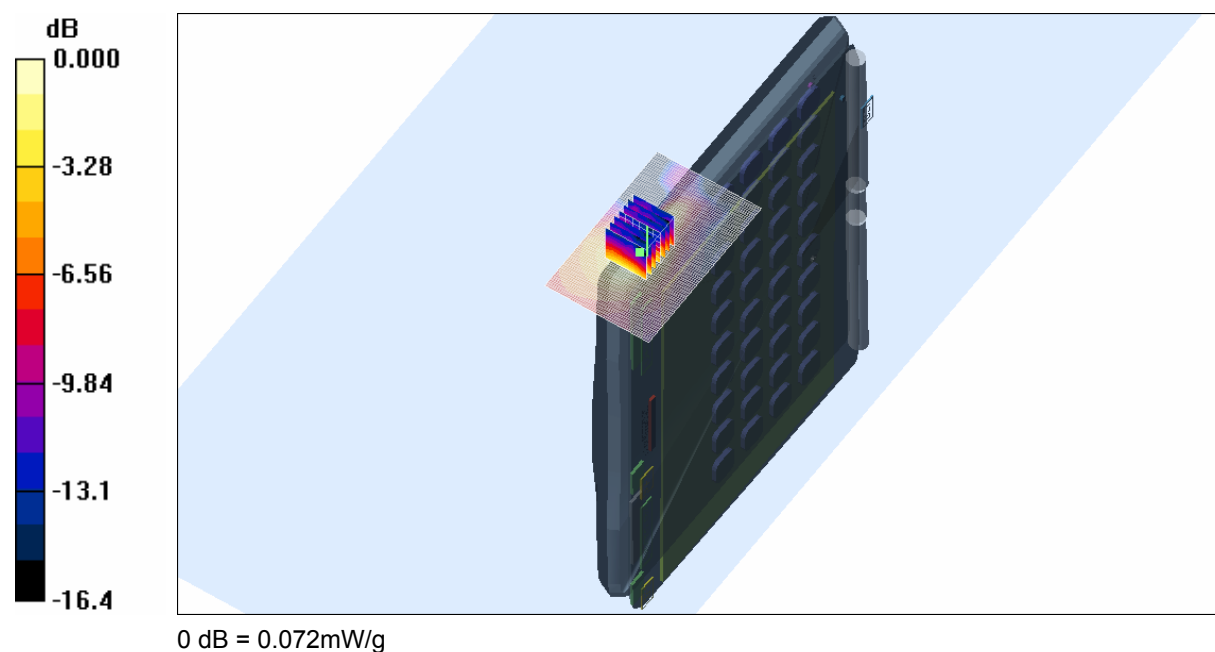
Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.03 V/m; Power Drift = 0.206 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.072 mW/g

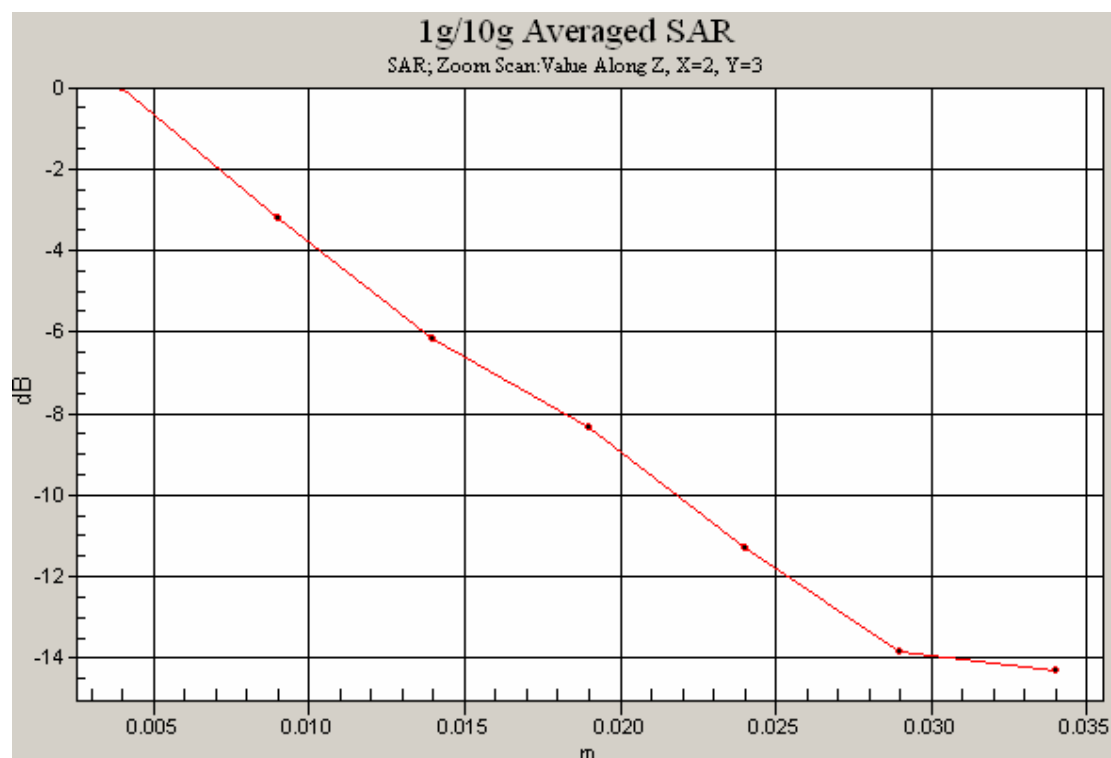


SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 20 November 2009

File Name: M091071 850 MHz 3G Tablet Antenna In 20-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

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

* Medium parameters used: $f = 836$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 4183 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.015 mW/g

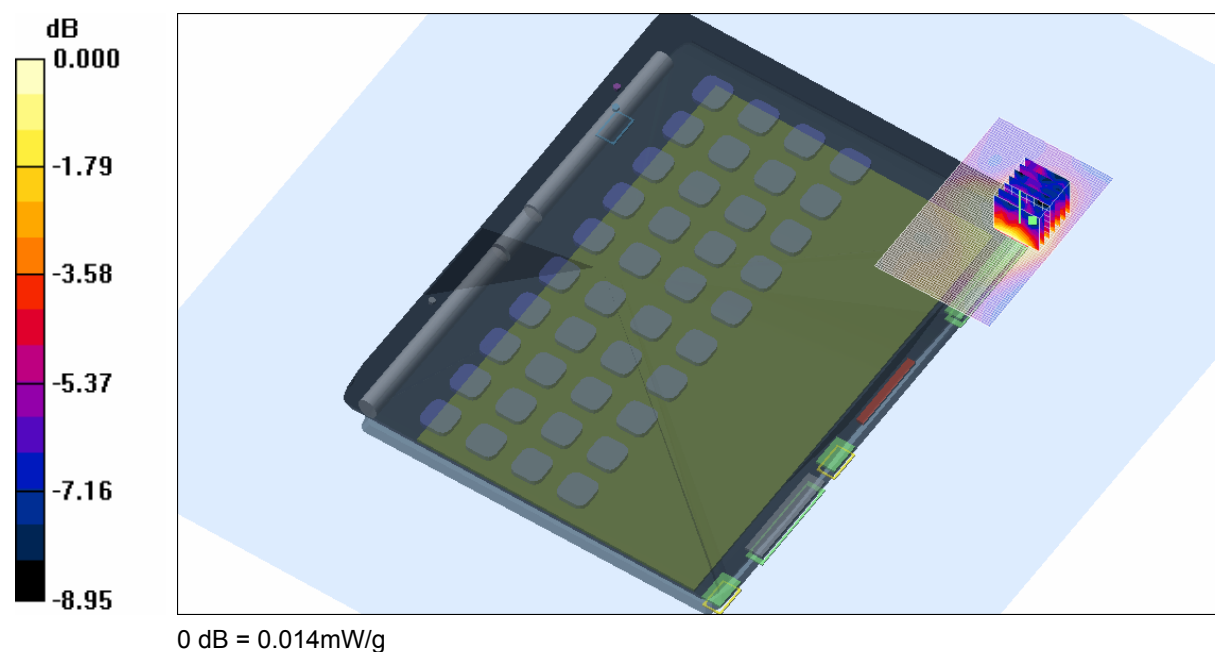
Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.79 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00872 mW/g

Maximum value of SAR (measured) = 0.014 mW/g

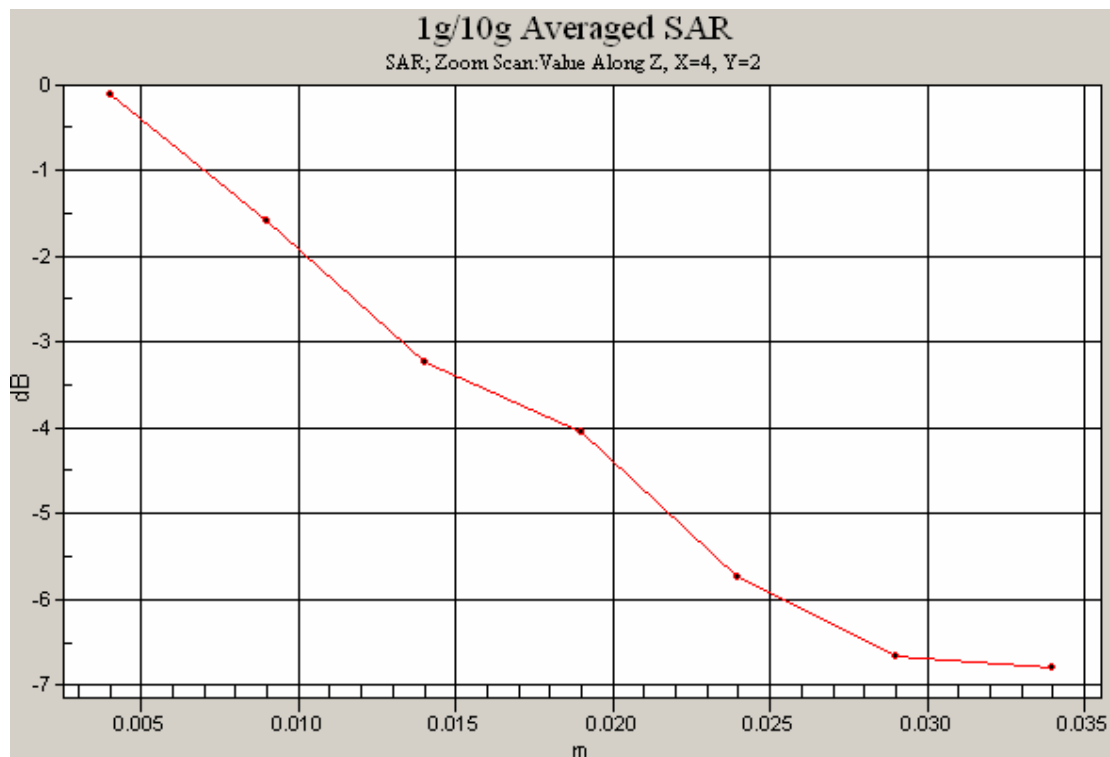


SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %





Test Date: 20 November 2009

File Name: M091071 850 MHz 3G Tablet Antenna Out 20-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

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

* Medium parameters used: $f = 836$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 4183 Test 2/Area Scan (81x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.017 mW/g

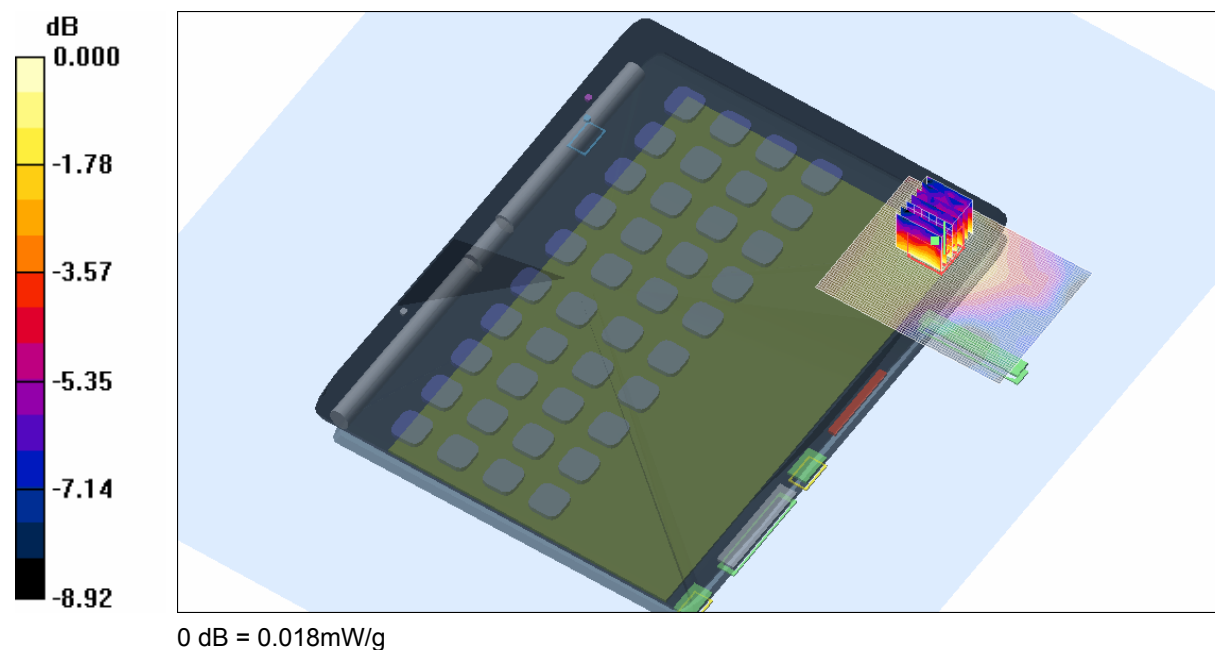
Channel 4183 Test 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.82 V/m; Power Drift = -0.376 dB

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.018 mW/g

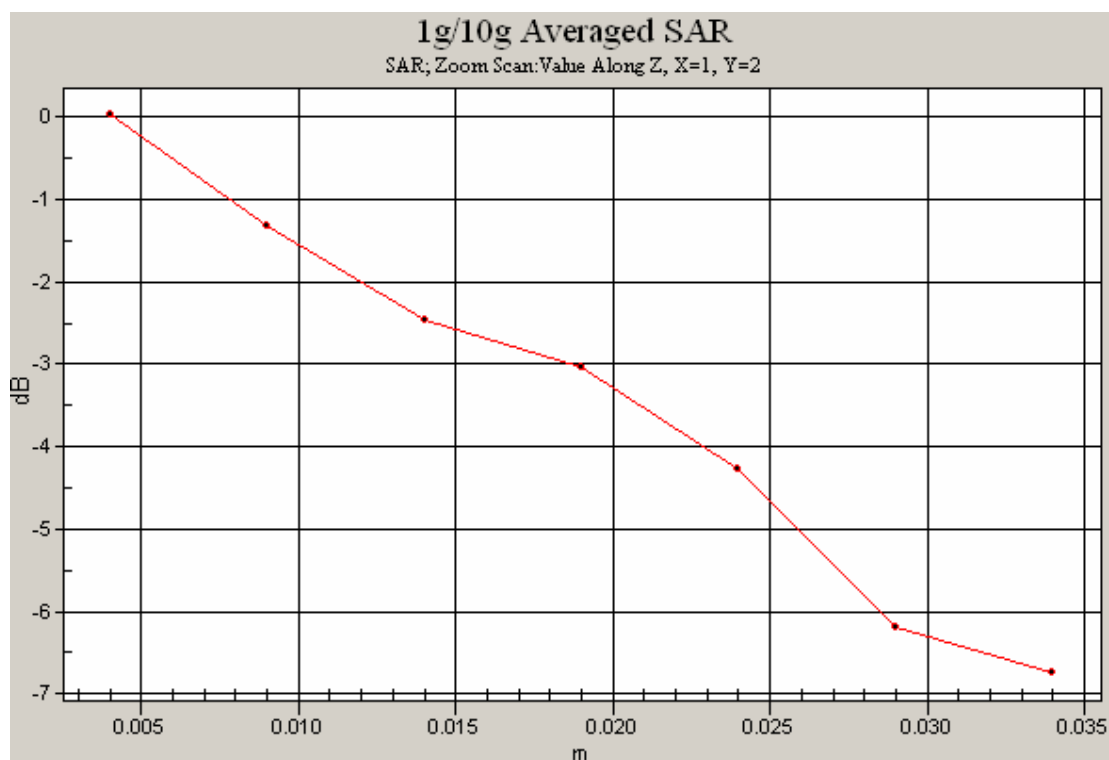


SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %





Test Date: 20 November 2009

File Name: M091071 850 MHz 3G Edge On Secondary Portrait Antenna In 20-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 4183 Test/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.066 mW/g

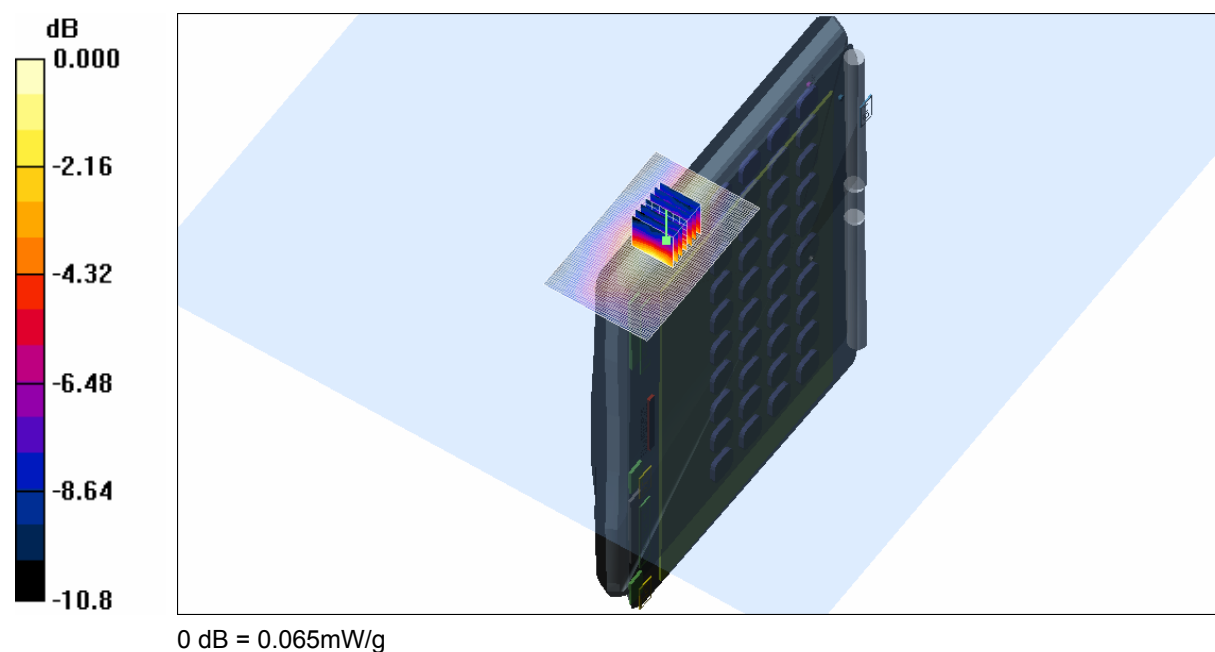
Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.88 V/m ; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.060 mW/g ; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.065 mW/g



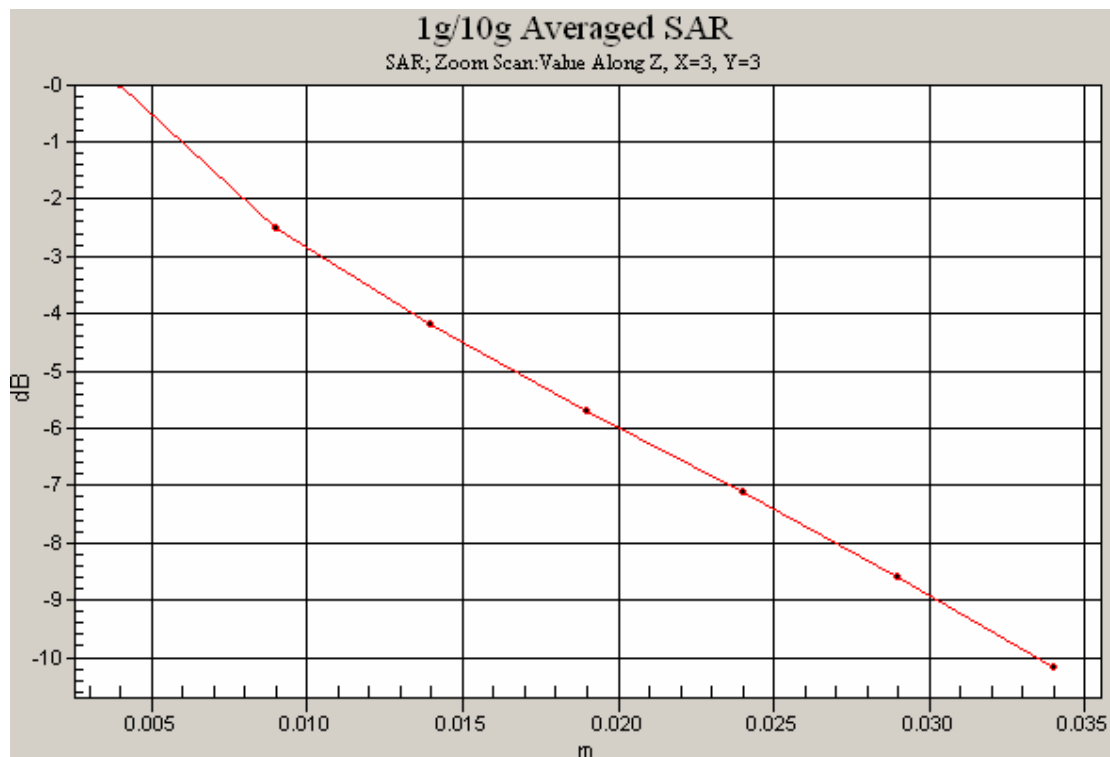
SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %



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Test Date: 20 November 2009

File Name: M091071 850 MHz 3G Edge On Secondary Portrait Antenna Out 20-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

* Communication System: 850 MHz 3G; Frequency: 826.4 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 828$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 4132 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.072 mW/g

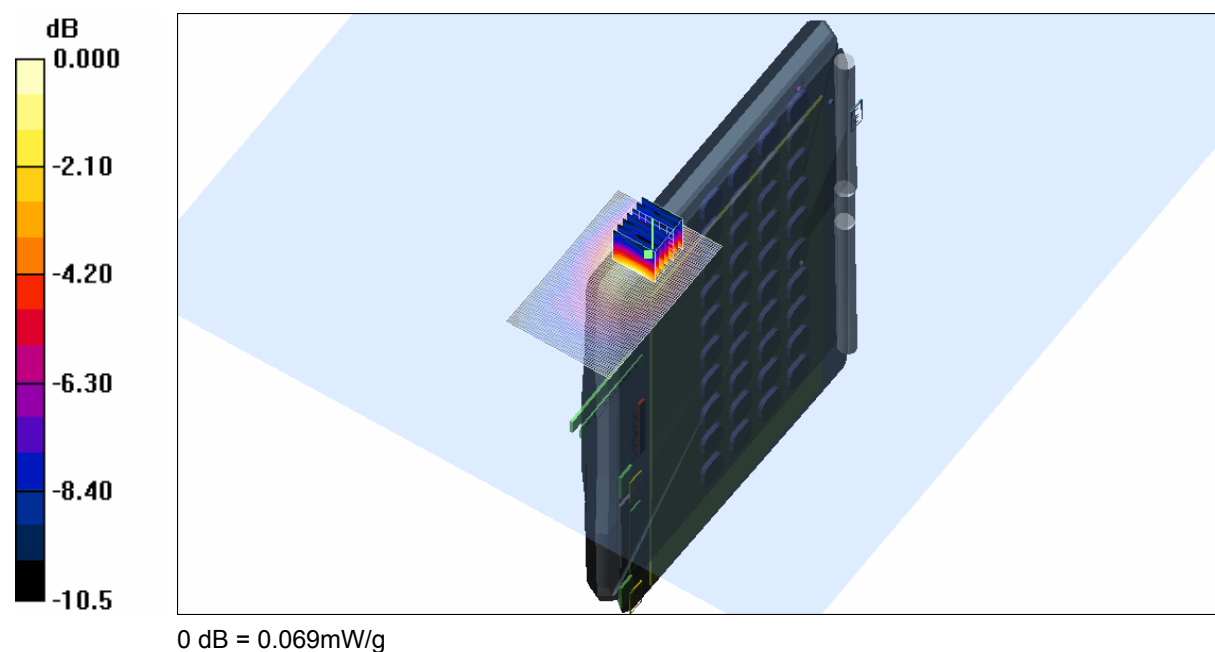
Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.80 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.069 mW/g

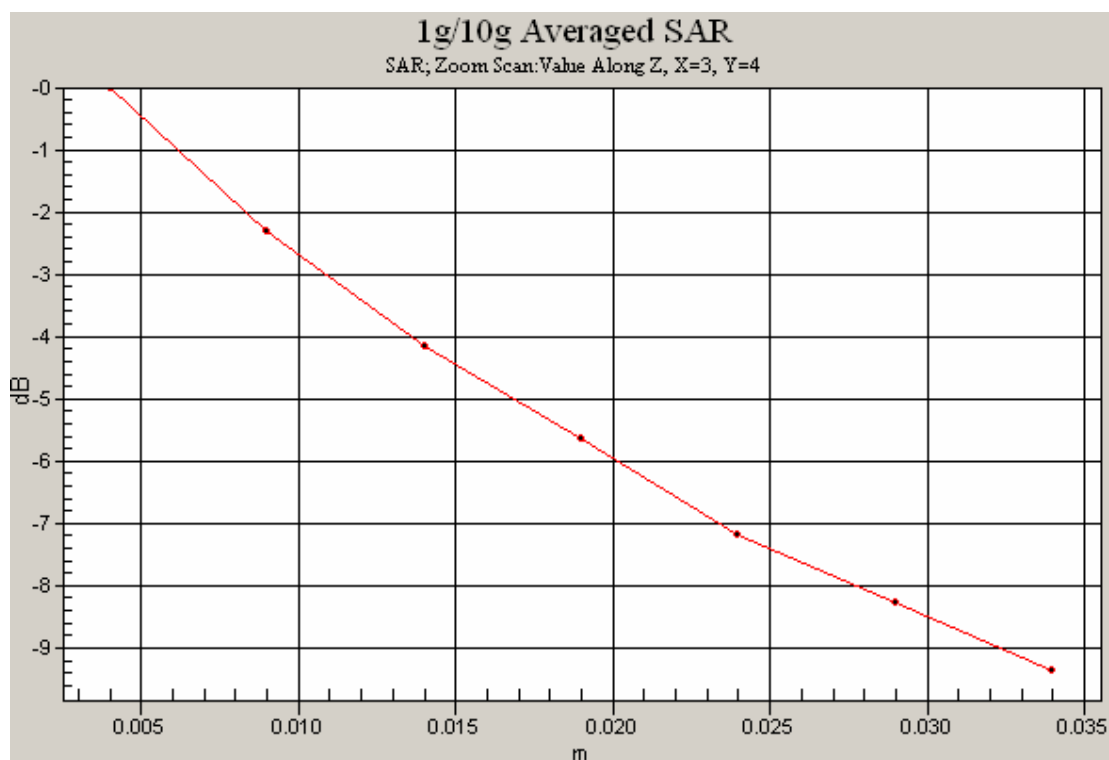


SAR MEASUREMENT PLOT 15

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %





Test Date: 20 November 2009

File Name: M091071 850 MHz 3G Edge On Secondary Portrait Antenna Out 20-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 836$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 4183 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.113 mW/g

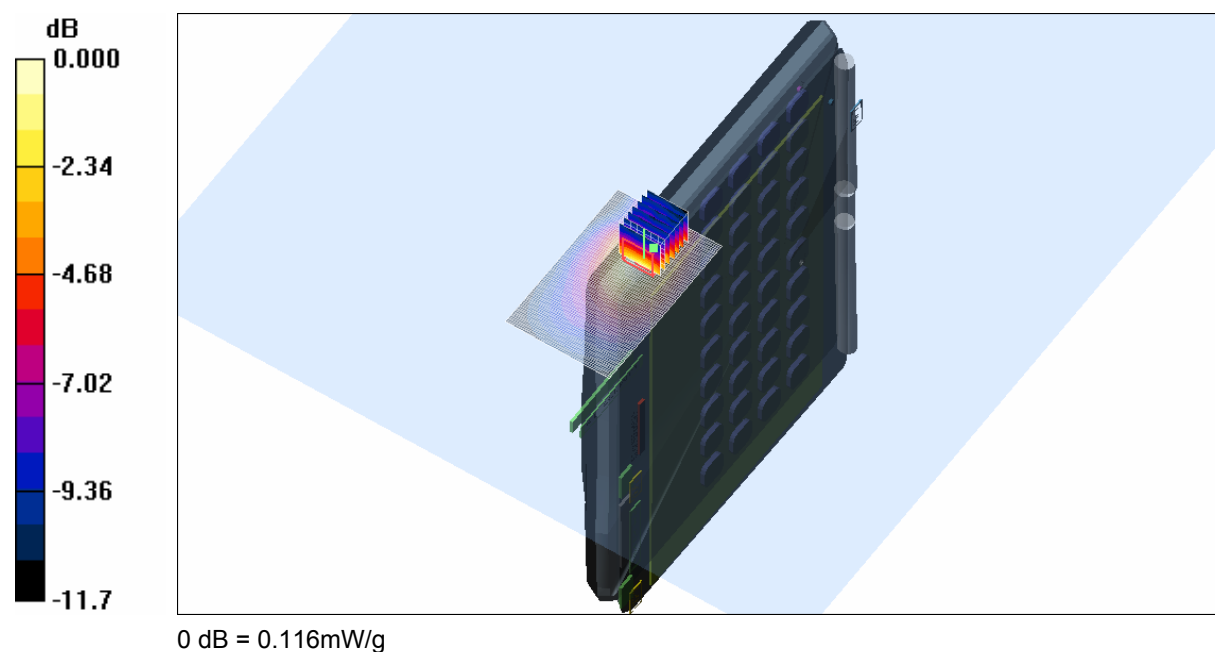
Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.15 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.116 mW/g

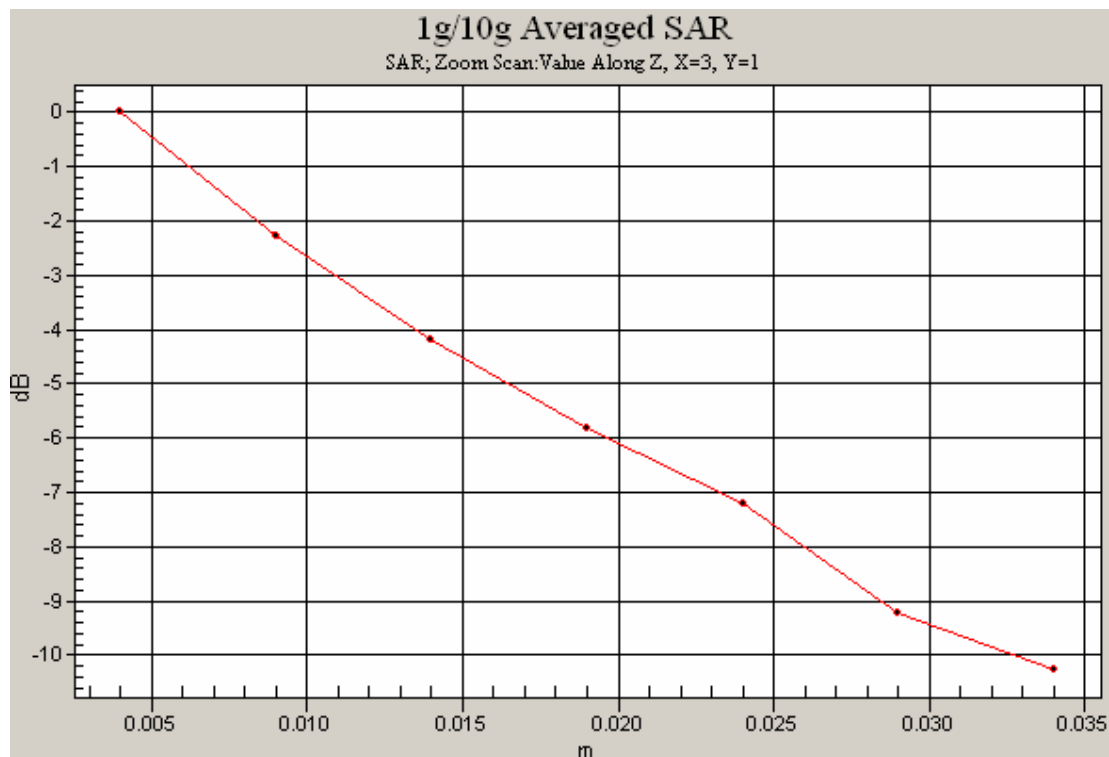


SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %





Test Date: 20 November 2009

File Name: M091071 850 MHz 3G Edge On Secondary Portrait Antenna Out 20-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

* Communication System: 850 MHz 3G; Frequency: 846.6 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 848$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.18, 8.18, 8.18)

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

Channel 4233 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.114 mW/g

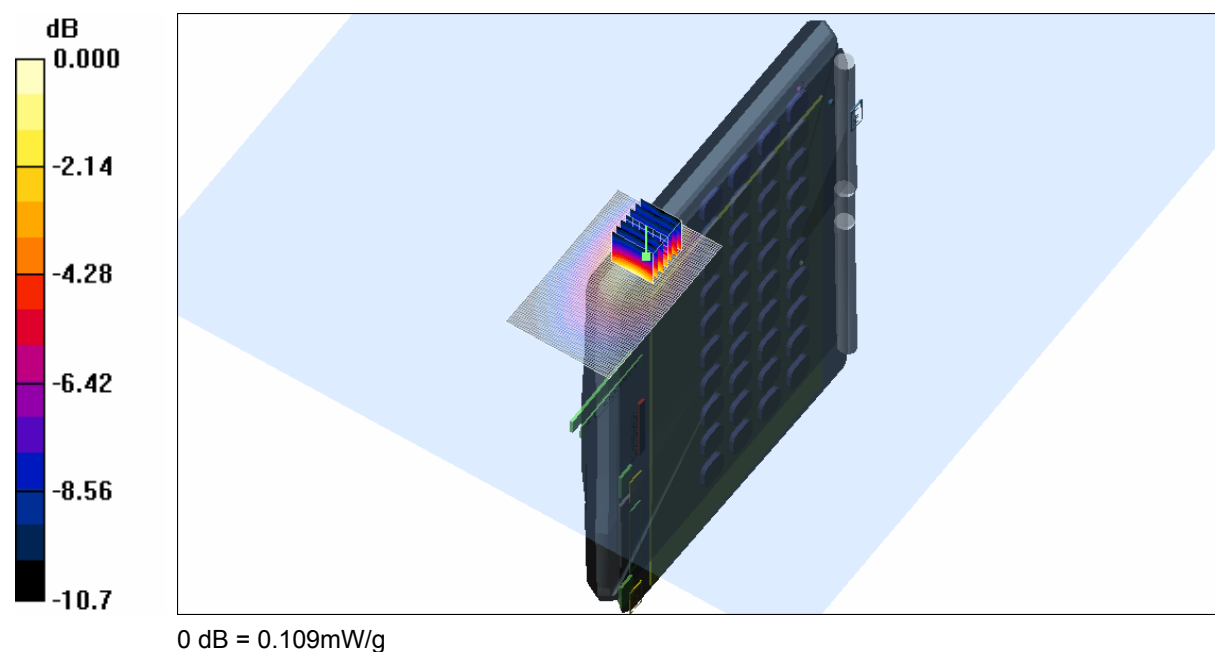
Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.28 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.109 mW/g

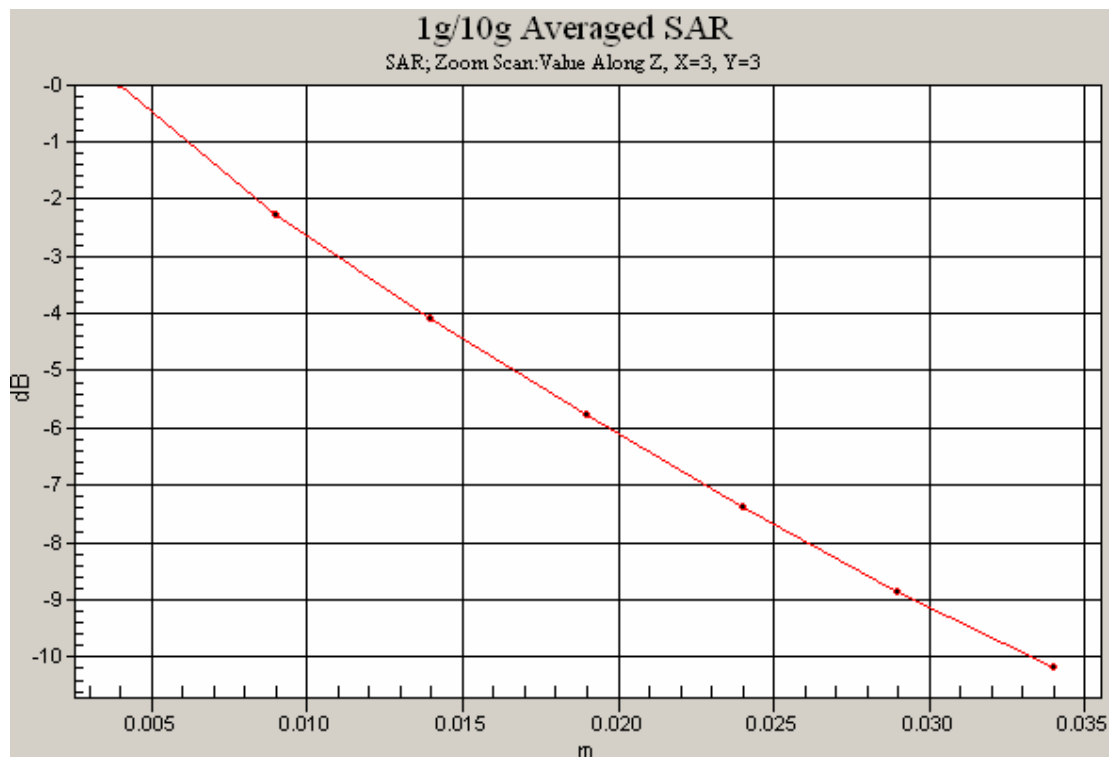


SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz 3G Tablet Antenna In 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 1881$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 9400 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.034 mW/g

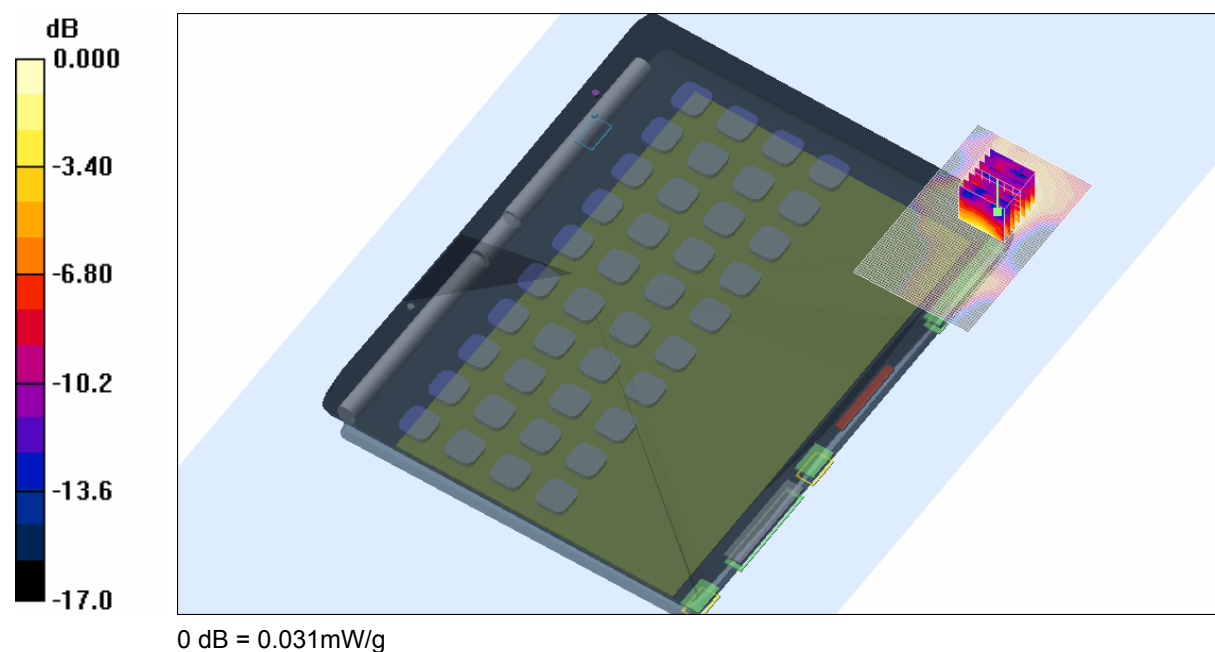
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.97 V/m; Power Drift = -0.317 dB

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.031 mW/g

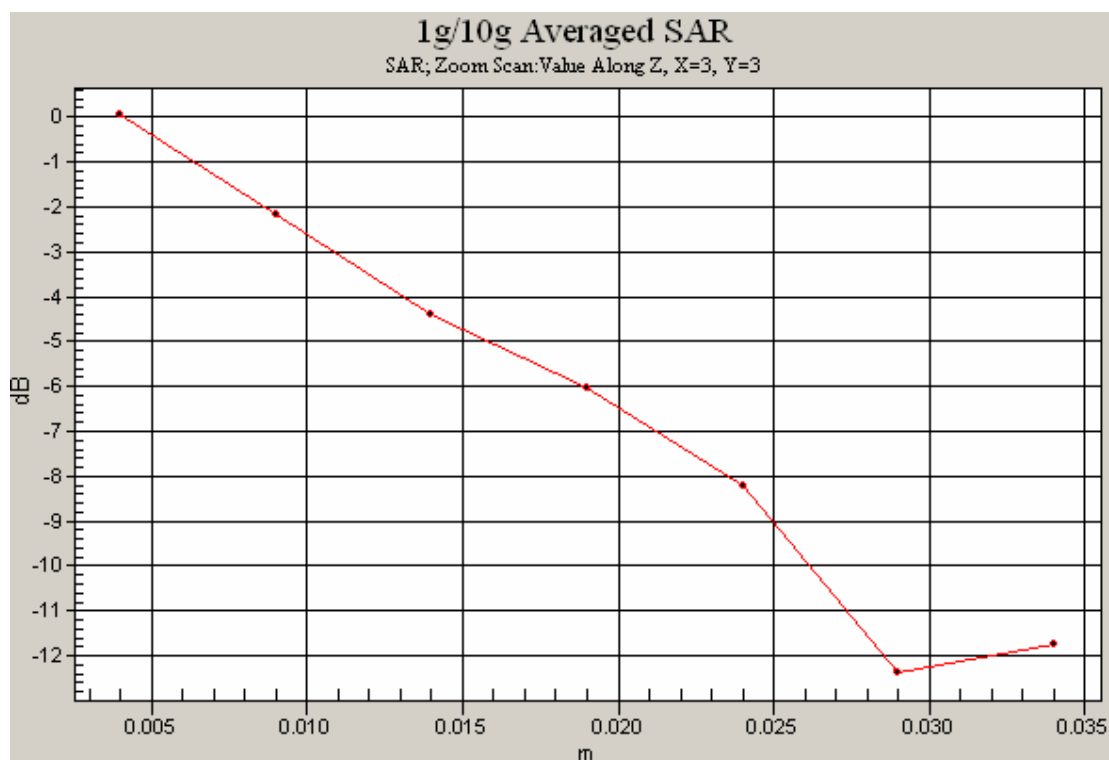


SAR MEASUREMENT PLOT 18

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz 3G Tablet Antenna Out 22-11-09.da4

DUT: Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890

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

* Medium parameters used: $f = 1881$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 9400 Test/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.032 mW/g

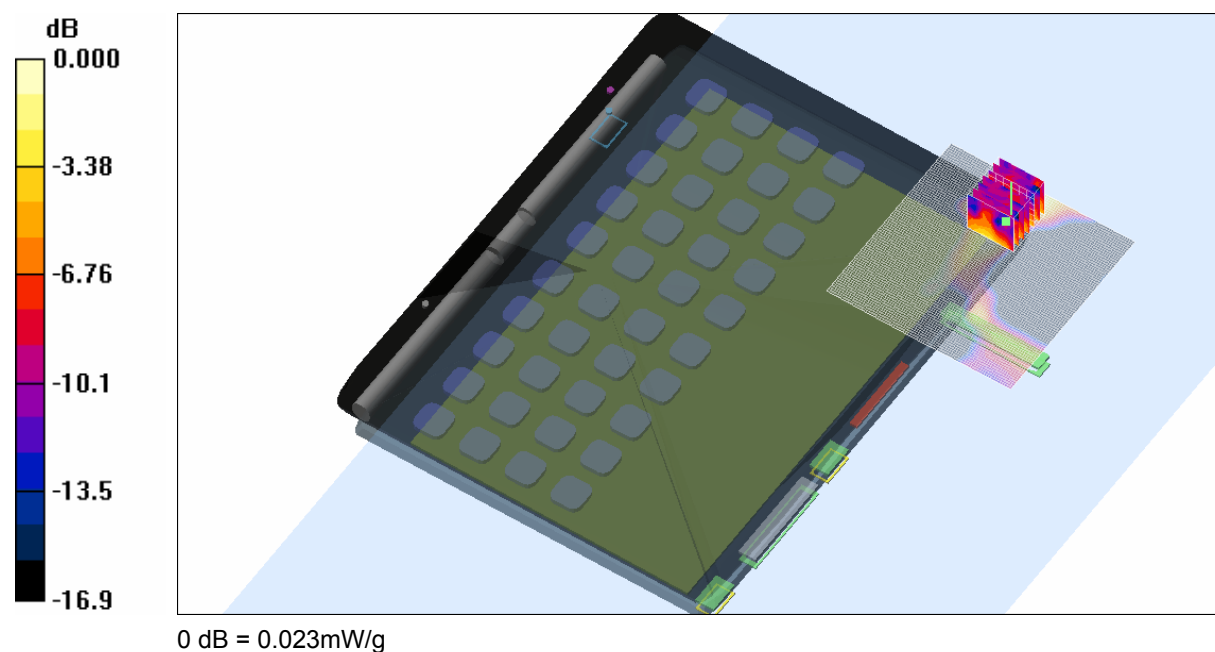
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.47 V/m; Power Drift = 0.236 dB

Peak SAR (extrapolated) = 0.037 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00966 mW/g

Maximum value of SAR (measured) = 0.023 mW/g



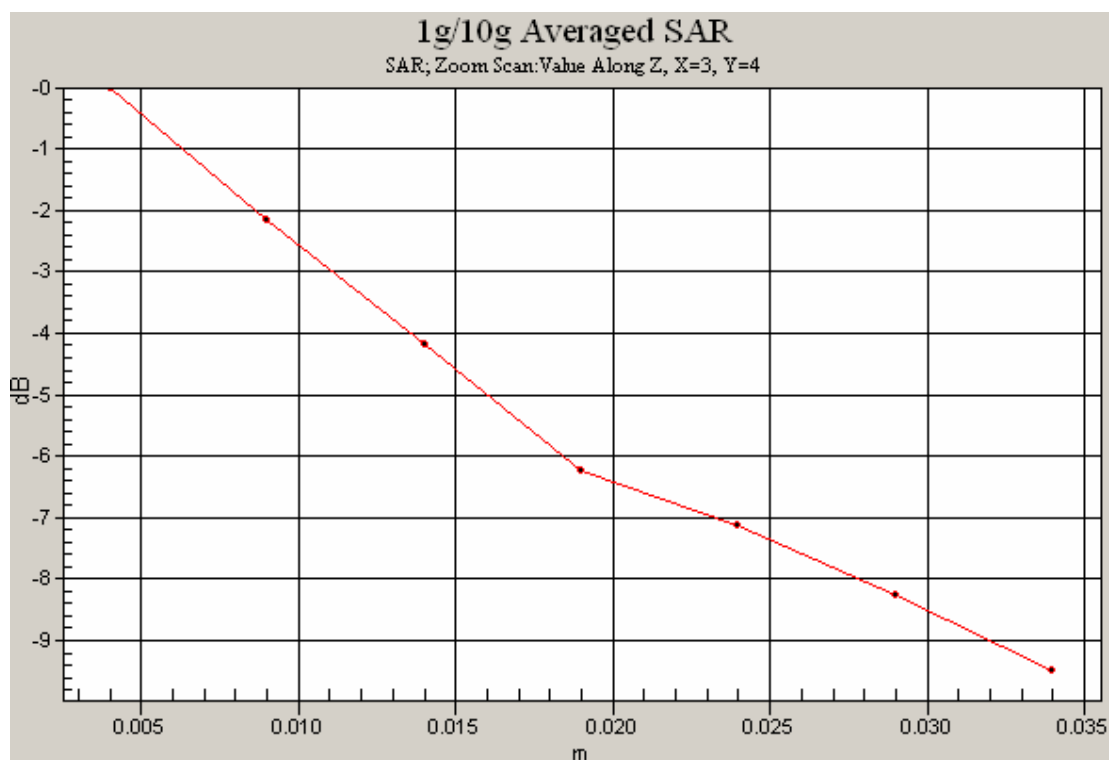
SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %



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Test Date: 22 November 2009

File Name: M091071 1950 MHz 3G Edge On Secondary Portrait Antenna Out 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 1881$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 9400 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

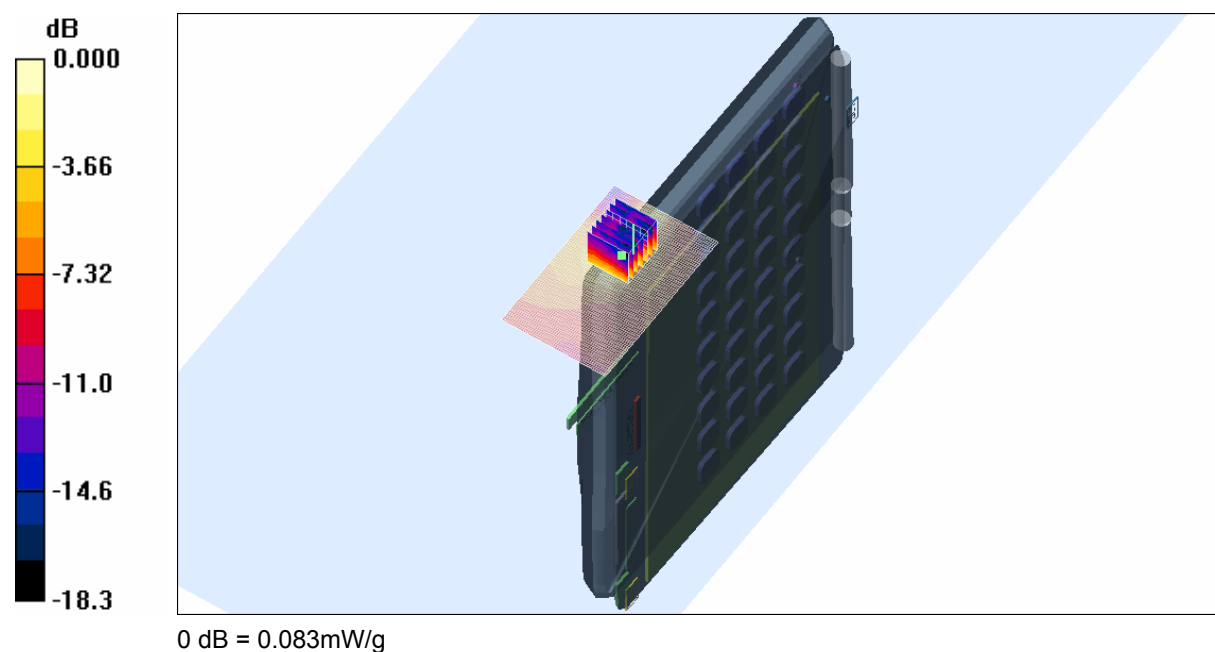
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.24 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.083 mW/g

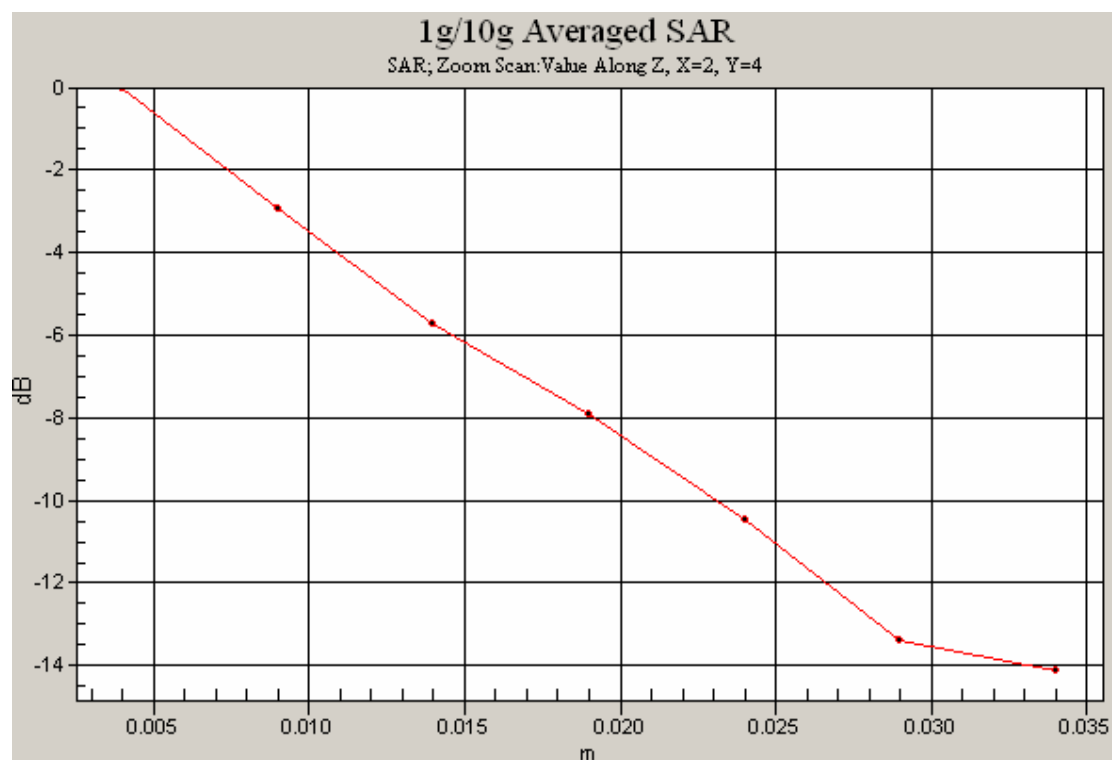


SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz 3G Edge On Secondary Portrait Antenna In 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 1851$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 9262 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.143 mW/g

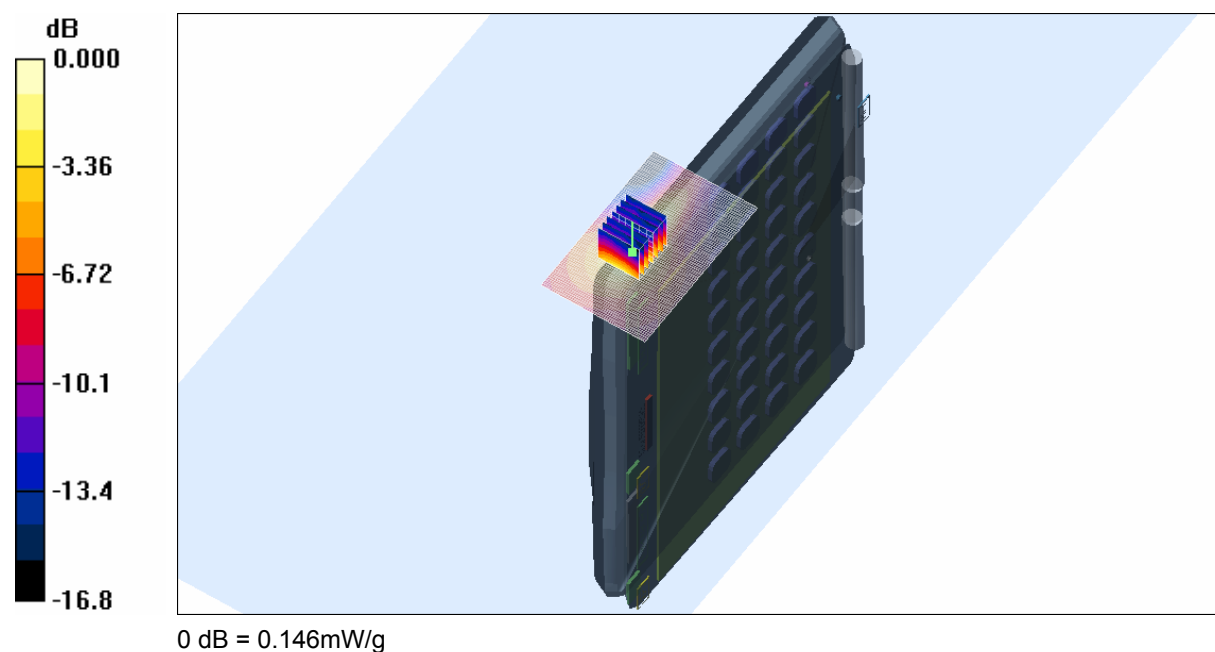
Channel 9262 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.10 V/m; Power Drift = -0.262 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.070 mW/g

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

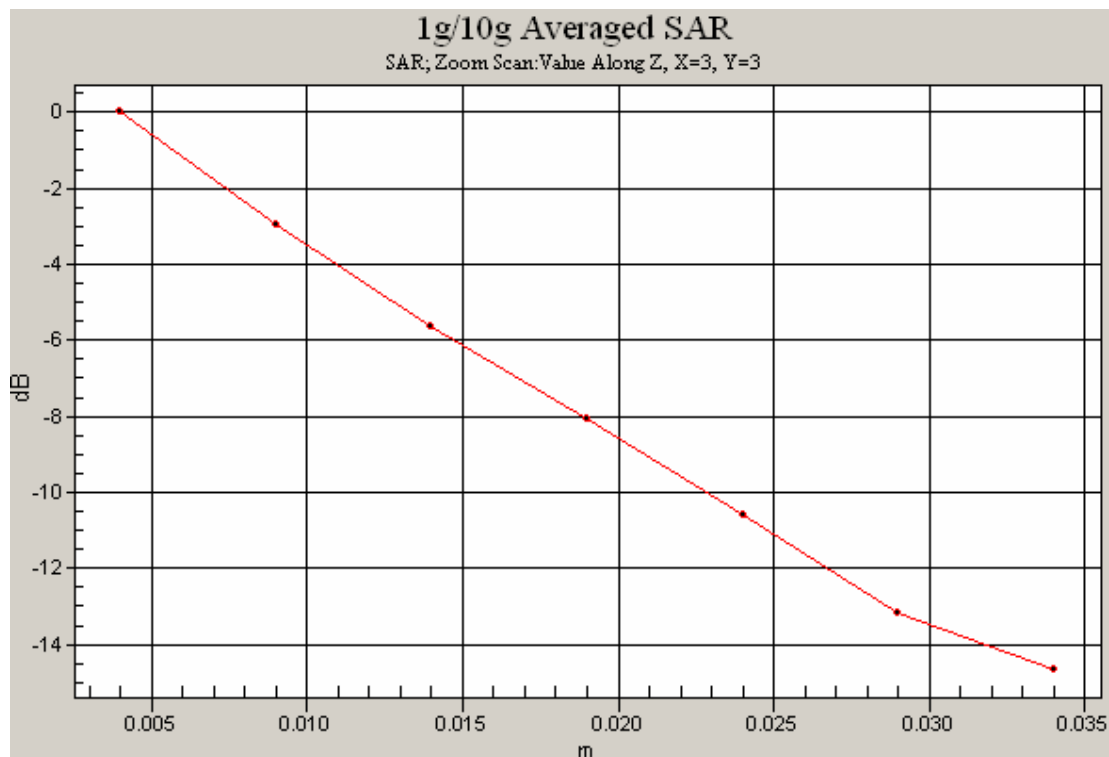


SAR MEASUREMENT PLOT 21

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz 3G Edge On Secondary Portrait Antenna In 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 1881$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 9400 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.139 mW/g

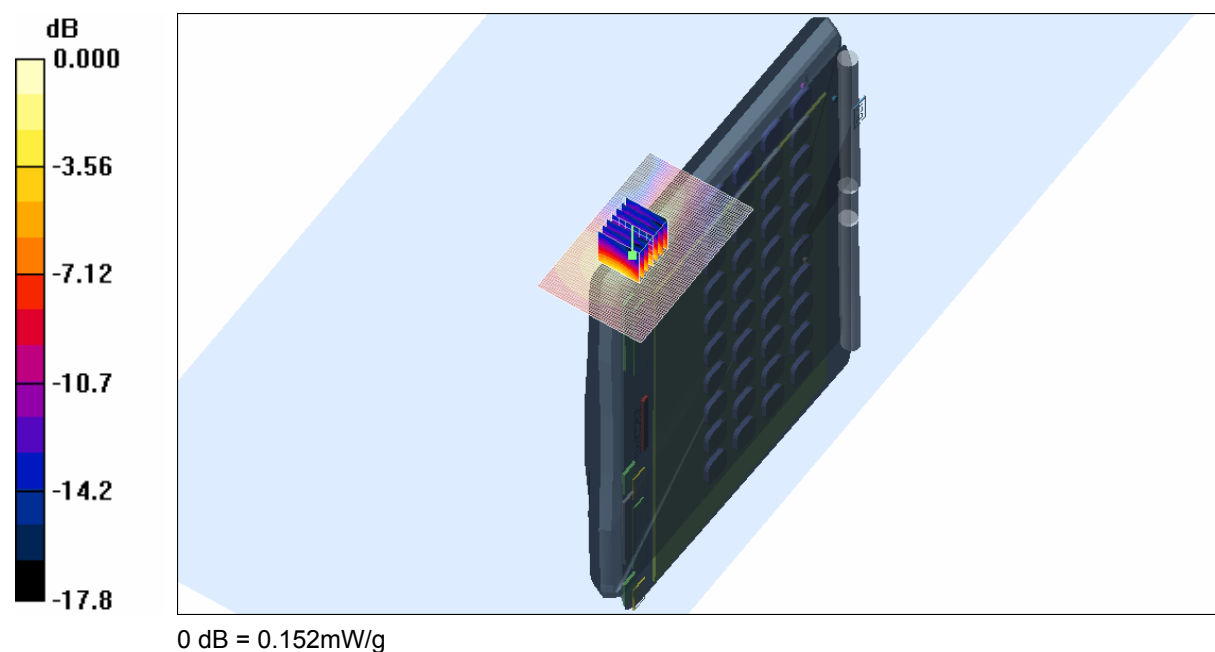
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.98 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.152 mW/g

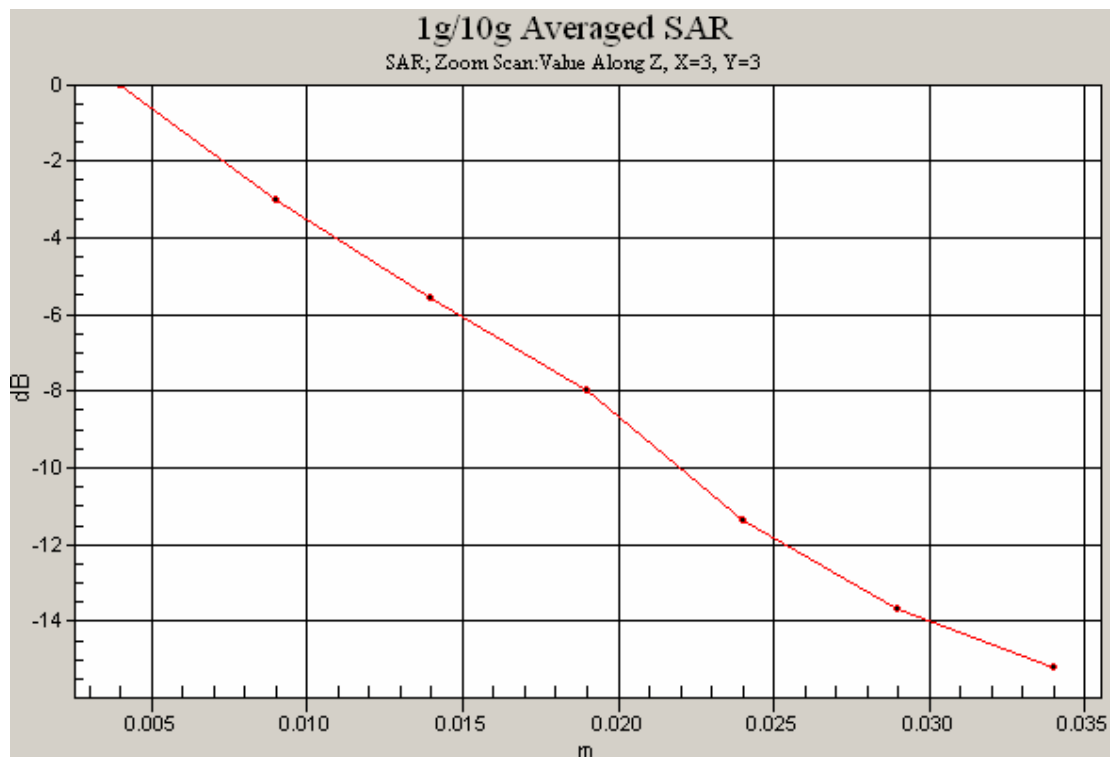


SAR MEASUREMENT PLOT 22

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 22 November 2009

File Name: M091071 1950 MHz 3G Edge On Secondary Portrait Antenna In 22-11-09.da4

DUT: **Fujitsu Tablet Souther with Puma 11abgn and Bluetooth; Type: 622ANHMW; Serial: MAC: 0015005BE890**

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

* Medium parameters used: $f = 1908$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.91, 6.91, 6.91)

- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 9538 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

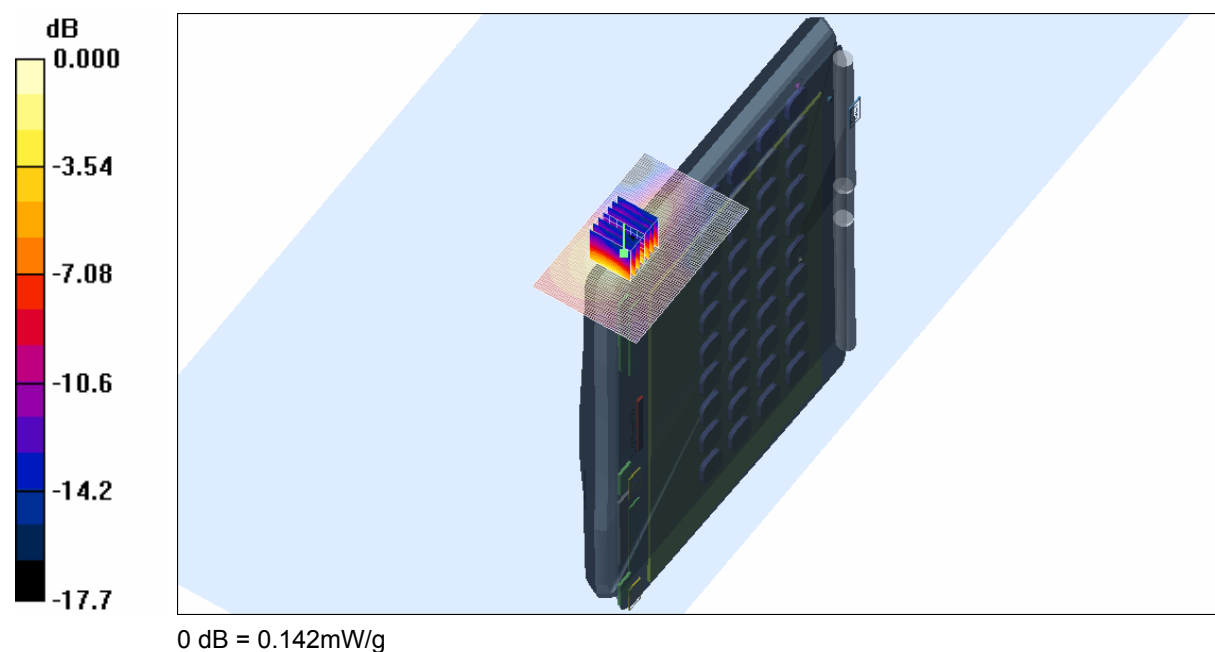
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.82 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.067 mW/g

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

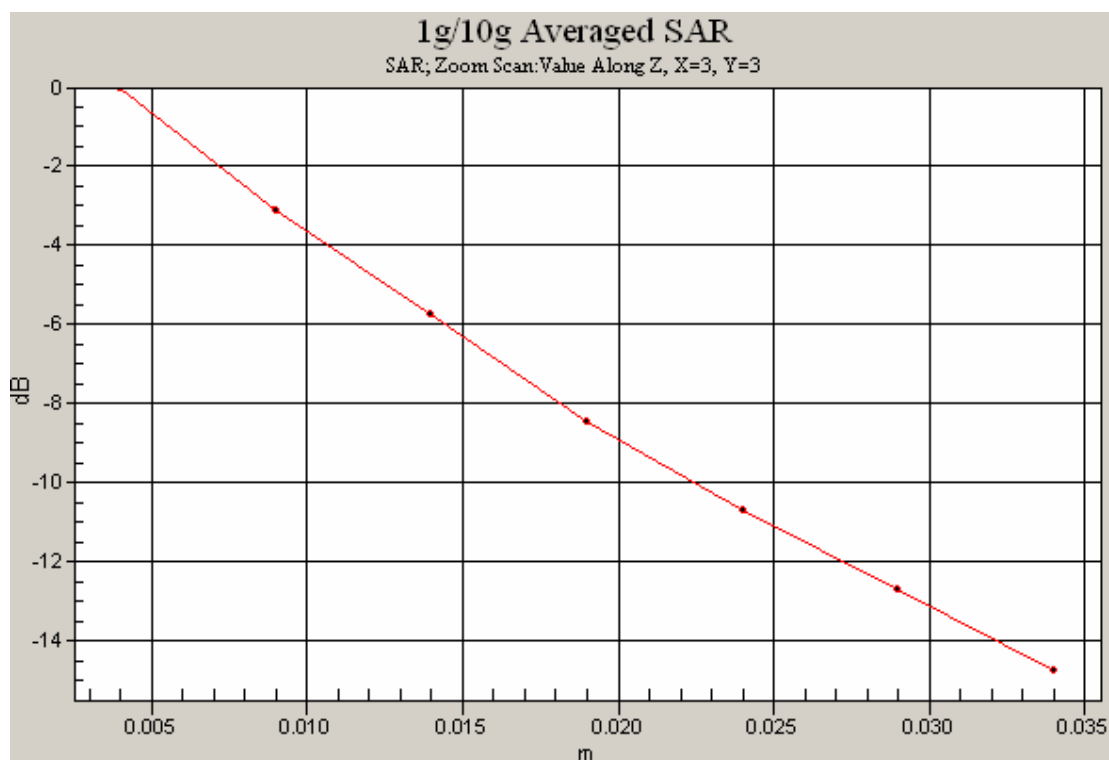


SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %





Test Date: 20 November 2009

File Name: Validation 900 MHz (DAE442 Probe1380) 20-11-09.da4

DUT: **Dipole 900 MHz; Type: DV900V2; Serial: 047**

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

* Medium parameters used: $f = 900$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.17, 8.17, 8.17)

- 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) = 3.00 mW/g

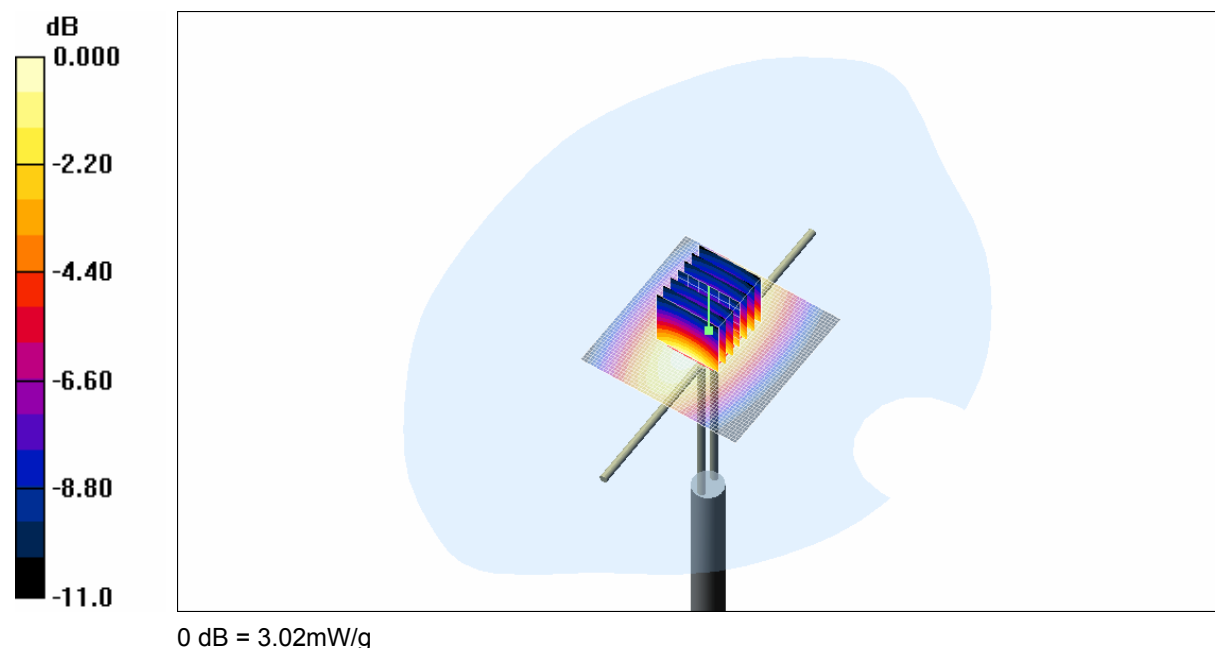
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.4 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 2.8 mW/g; SAR(10 g) = 1.8 mW/g

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

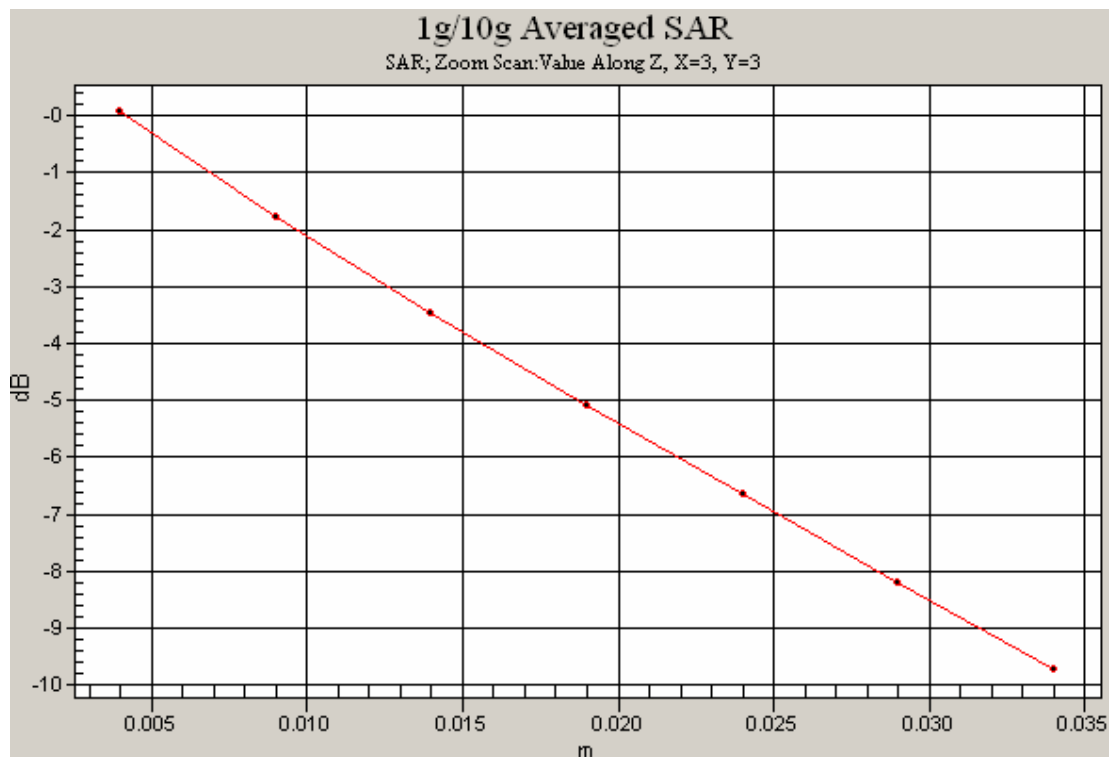


SAR MEASUREMENT PLOT 24

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
54.0 %





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Test Date: 22 November 2009

File Name: Validation 1800 MHz (DAE 359 Probe EX3DV4) 22-11-09.da4

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

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

* Medium parameters used: $f = 1800$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(7.14, 7.14, 7.14)

- 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) = 11.9 mW/g

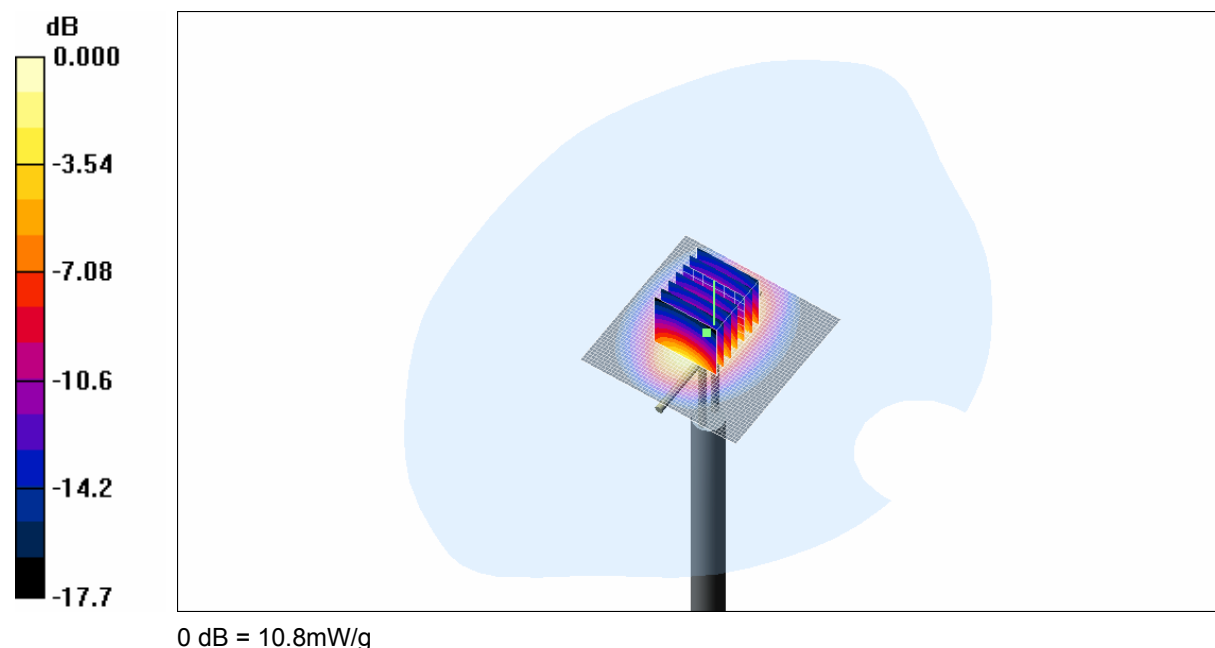
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.8 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.66 mW/g; SAR(10 g) = 5.02 mW/g

Maximum value of SAR (measured) = 10.8 mW/g



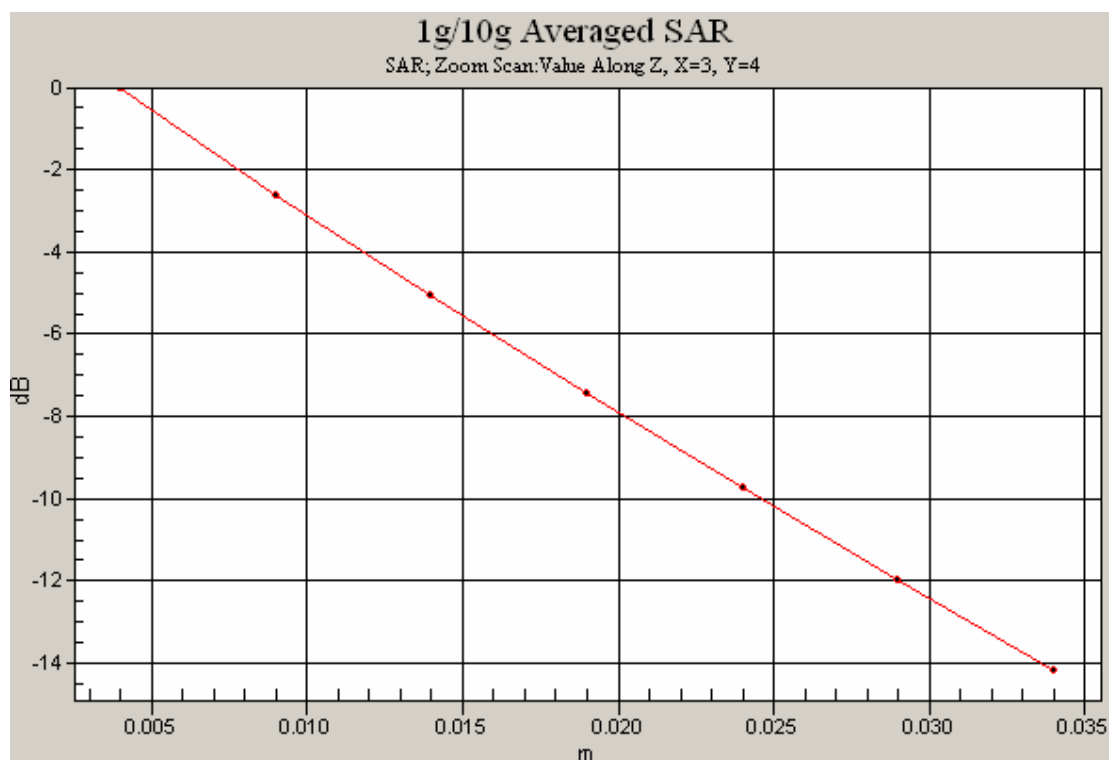
SAR MEASUREMENT PLOT 25

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %



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Test Date: 22 November 2009

File Name: Validation 1950 MHz (DAE 359 Probe EX3DV4) 22-11-09.da4

DUT: **Dipole 1950 MHz; Type: DV1950V3; Serial: 1113**

* Communication System: CW 1950 MHz; Frequency: 1950 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 1950$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn359; Probe: EX3DV4 - SN3563; ConvF(6.89, 6.89, 6.89)

- 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) = 13.3 mW/g

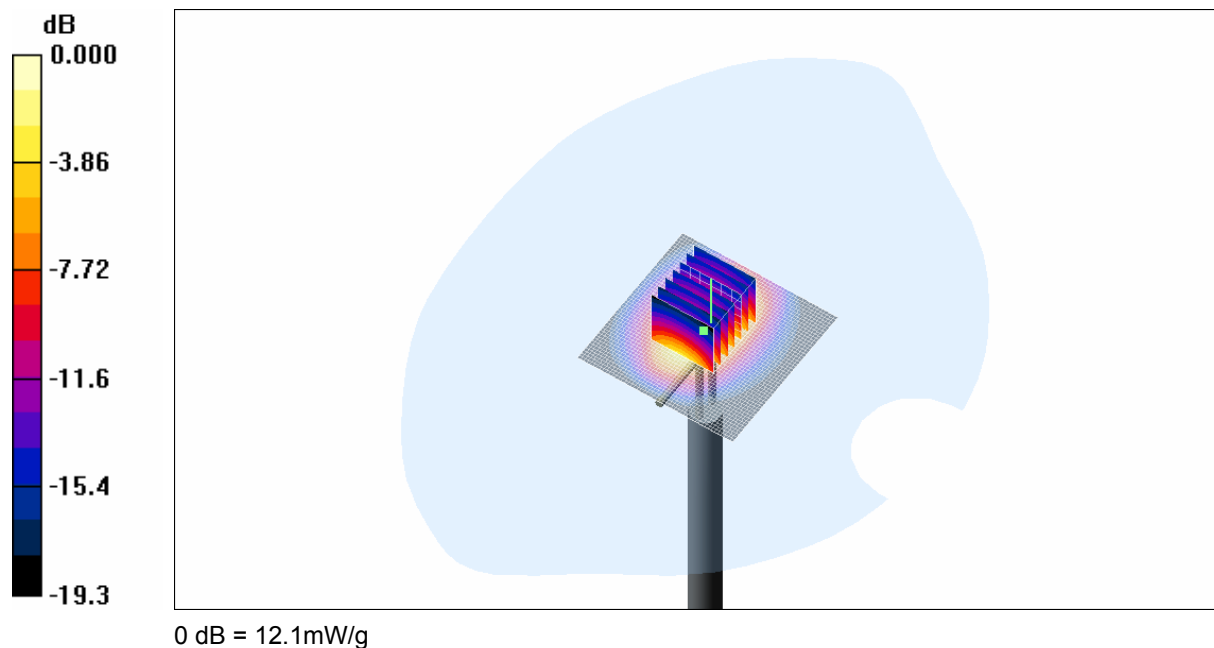
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.2 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 20.9 W/kg

SAR(1 g) = 10.9 mW/g; SAR(10 g) = 5.48 mW/g

Maximum value of SAR (measured) = 12.1 mW/g



SAR MEASUREMENT PLOT 26

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.2 Degrees Celsius
75.0 %



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