

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.	Test Channel
Tablet Ant. In GPRS Class 10	1	190
Tablet Ant. Out GPRS Class 10	2	190
Edge On Right Ant. In GPRS Class 10	3	190
Edge On Right Ant. In GPRS Class 11	4	190
Z-Axis graphs for Plots 1 to 4		
Edge On Right Ant. In GPRS Class 12	5	190
Edge On Right Ant. Out GPRS Class 10	6	128
	7	190
	8	251
Z-Axis graphs for Plots 5 to 8		

Table: 1900MHz GPRS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet Ant. In GPRS Class 12	9	661
Tablet Ant. Out GPRS Class 12	10	661
Edge On Right Ant. In GPRS Class 10	11	661
Edge On Right Ant. In GPRS Class 11	12	661
Z-Axis graphs for Plots 9 to 12		
Edge On Right Ant. In GPRS Class 12	13	661
Edge On Right Ant. Out GPRS Class 12	14	512
	15	661
	16	810
Z-Axis graphs for Plots 13 to 16		



Table: 850MHz UMTS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet Ant. In	17	4183
Tablet Ant. Out	18	4132
	19	4183
	20	4233
Z-Axis graphs for Plots 17 to 20		
Edge On Right Ant. In	21	4183
Edge On Right Ant. Out	22	4183
Z-Axis graphs for Plots 21 to 22		

Table: 1900MHz UMTS Band SAR Measurement Plot Numbers

Test Position	Plot No.	Test Channel
Tablet Ant. In	23	9400
Tablet Ant. Out	24	9400
Edge On Right Ant. In	25	9400
Edge On Right Ant. Out	26	9262
	Z-Axis graphs for Plots 23 to 26	
	27	9400
	28	9538
Z-Axis graphs for Plots 27-28		

Table: Validation Plots

Plot 29	Validation 900 MHz 20 th June 2008
Plot 30	Validation 900 MHz 23 rd June 2008
Plot 31	Validation 1800 MHz 19 th June 2008
Plot 32	Validation 1800 MHz 21 st June 2008
Z-Axis graphs for Plots 29 to 32	



Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 10 Tablet Antenna In 20-06-08.da4

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

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 190 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.004 mW/g

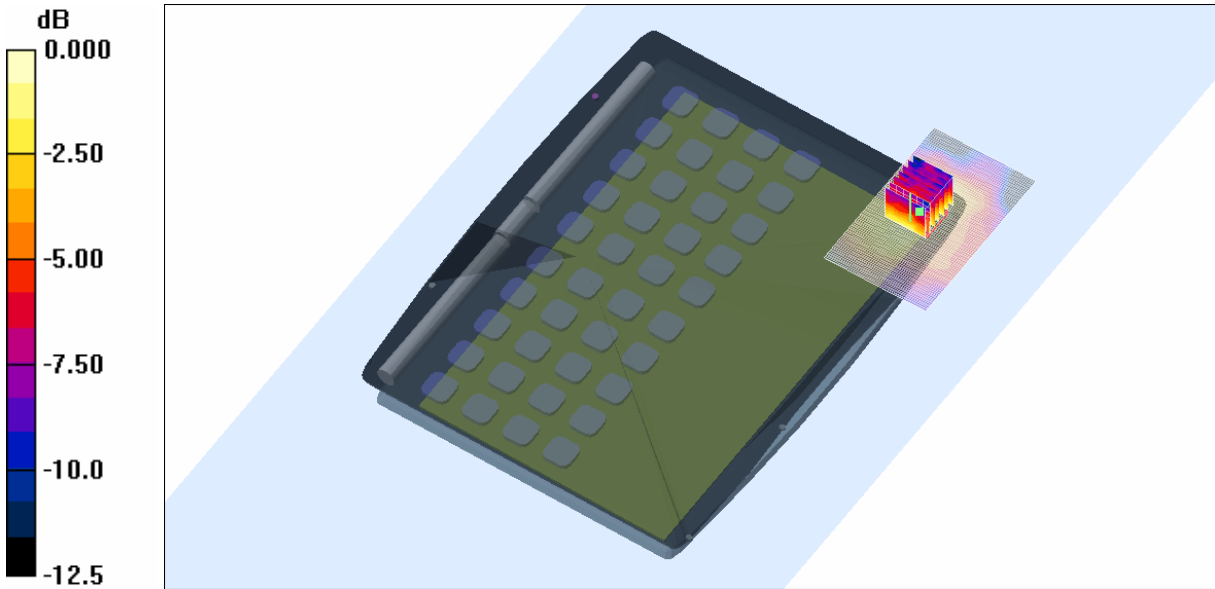
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.76 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.00364 mW/g; SAR(10 g) = 0.00246 mW/g

Maximum value of SAR (measured) = 0.004 mW/g



SAR MEASUREMENT PLOT 1

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %



Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 10 Tablet Antenna Out 20-06-08.da4

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

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 190 Test/Area Scan (81x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.539 mW/g

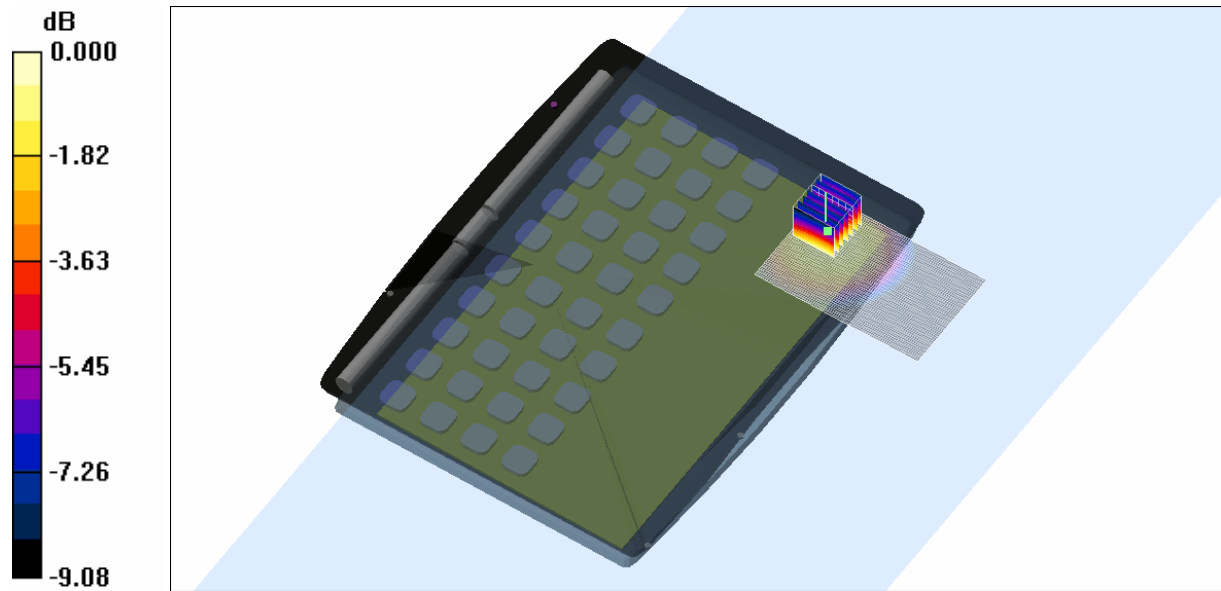
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.38 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.532 mW/g



0 dB = 0.532mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %



Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 10 Edge On Right Antenna In 20-06-08.da4

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

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 190 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

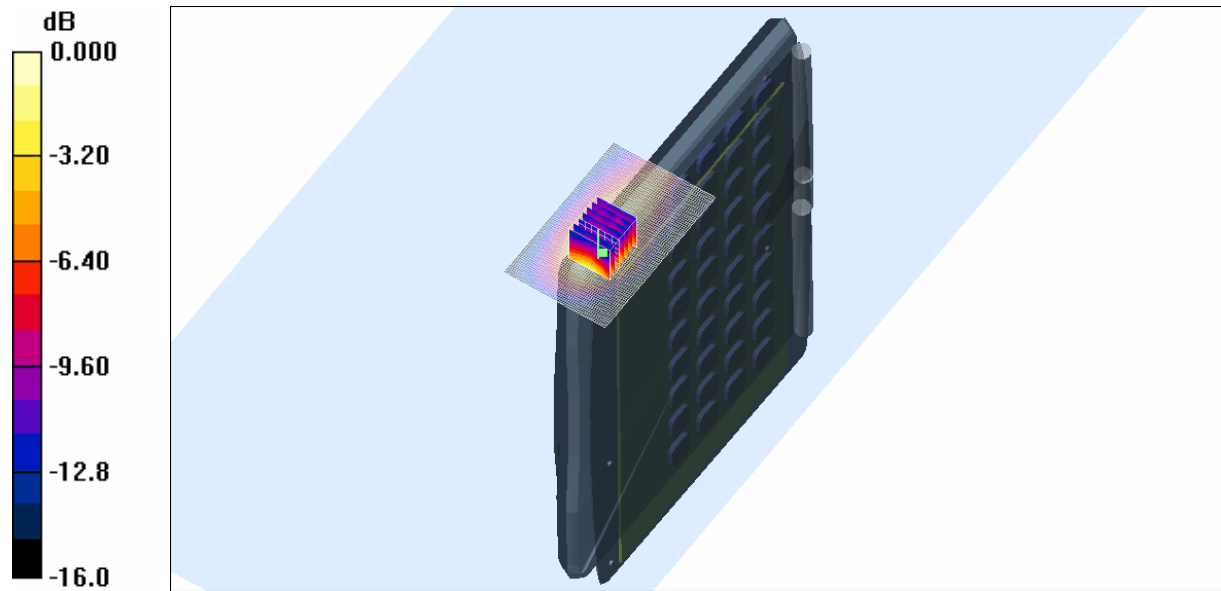
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.07 V/m; Power Drift = -0.353 dB

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



SAR MEASUREMENT PLOT 3

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %



Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 11 Edge On Right Antenna In 20-06-08.da4

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

* Communication System: 850MHz 1900 MHz GPRS Class 11; Frequency: 836.6 MHz; Duty Cycle: 1:3.1125

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 190 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

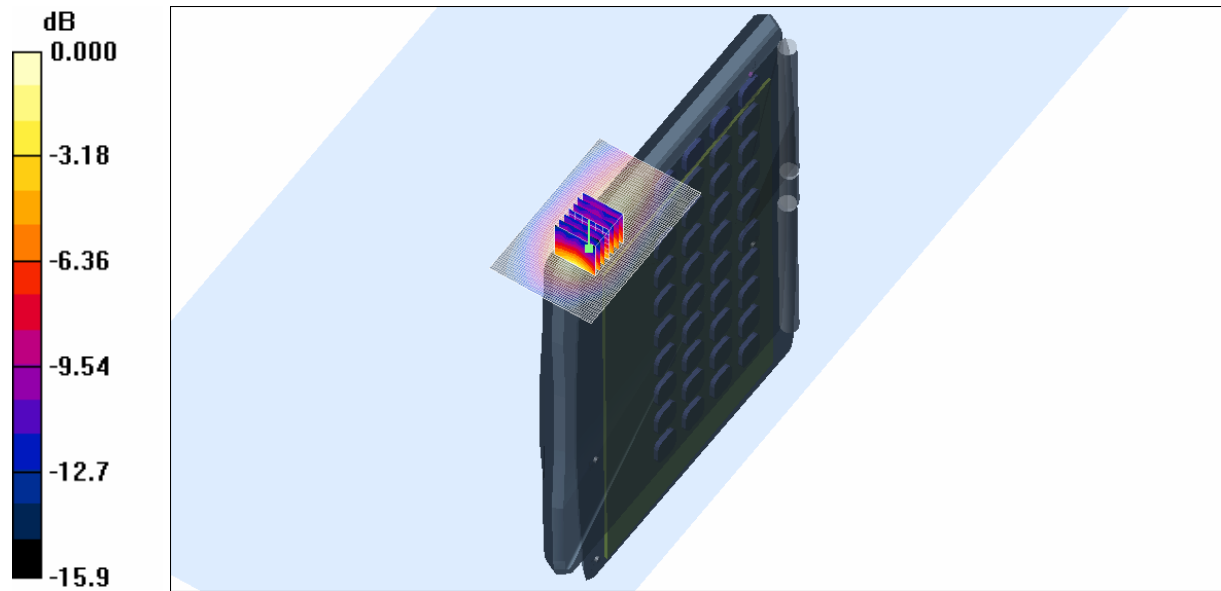
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.66 V/m; Power Drift = -0.369 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00835 mW/g

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



0 dB = 0.018mW/g

SAR MEASUREMENT PLOT 4

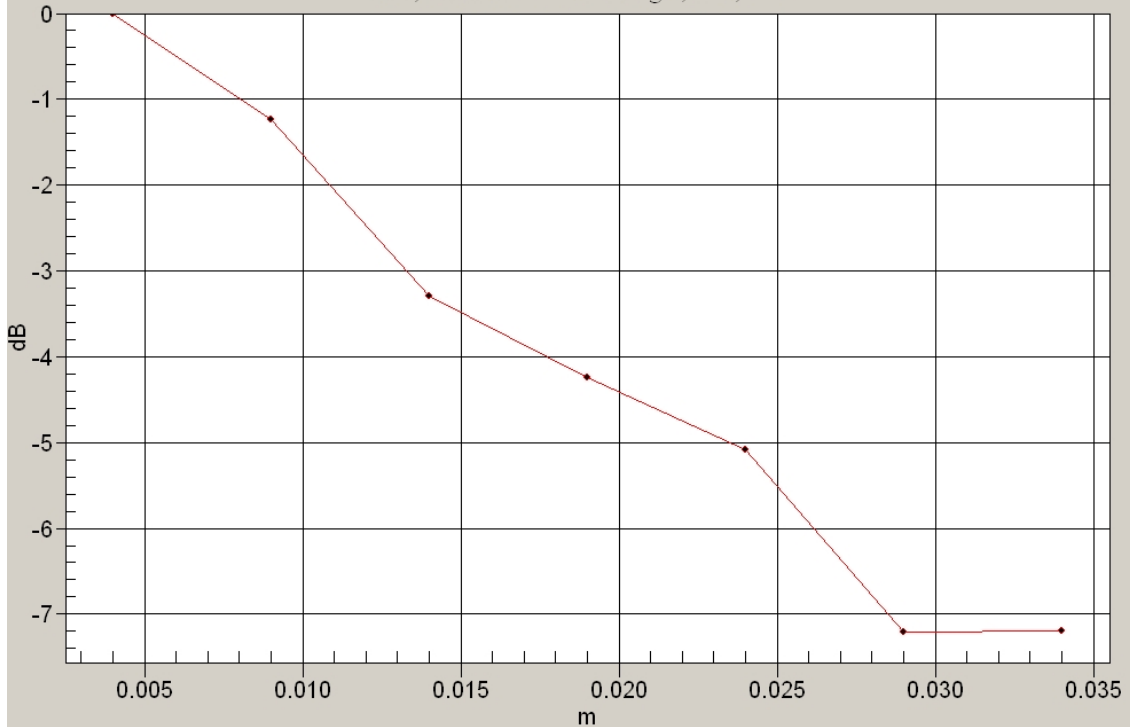
Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %



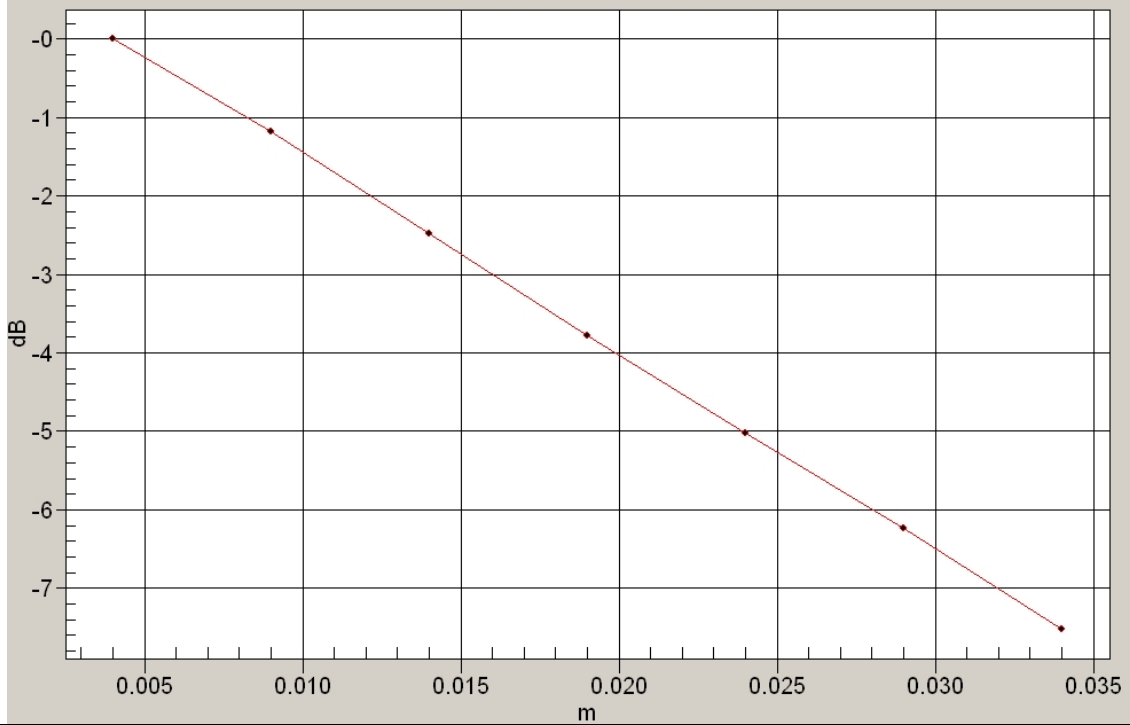
1g/10g Averaged SAR Tablet Channel 190 GPRS Class 10 Antenna In Test 1

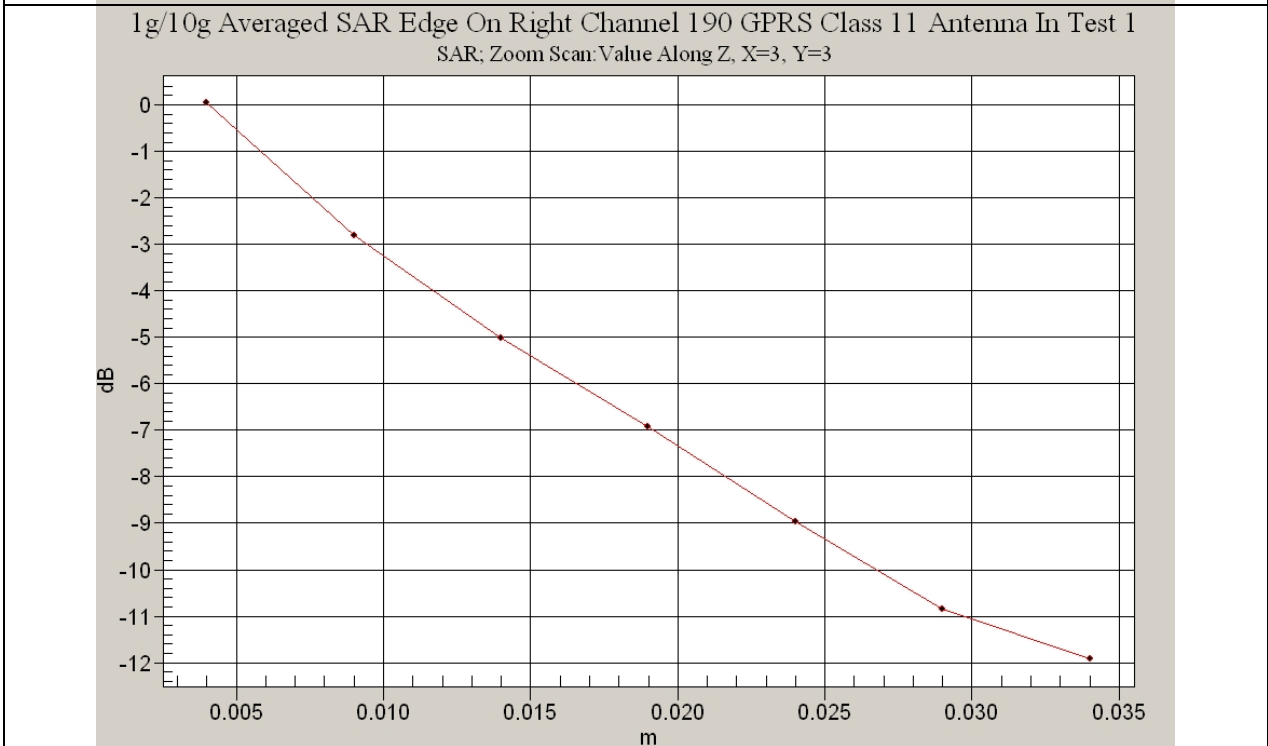
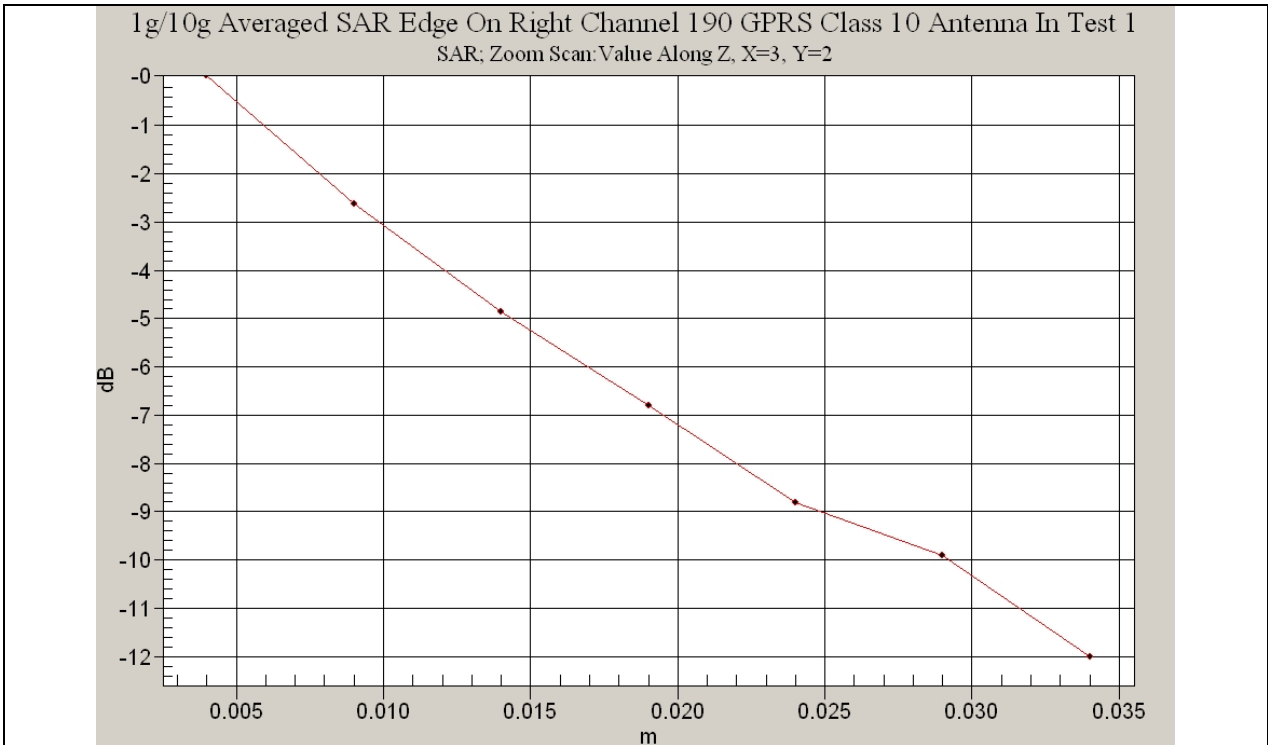
SAR; Zoom Scan: Value Along Z, X=3, Y=1



1g/10g Averaged SAR Tablet Channel 190 GPRS Class 10 Antenna Out Test 1

SAR; Zoom Scan: Value Along Z, X=4, Y=4





Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 12 Edge On Right Antenna In 20-06-08.da4

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

* Communication System: 850MHz 1900 MHz GPRS Class 12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 190 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.011 mW/g

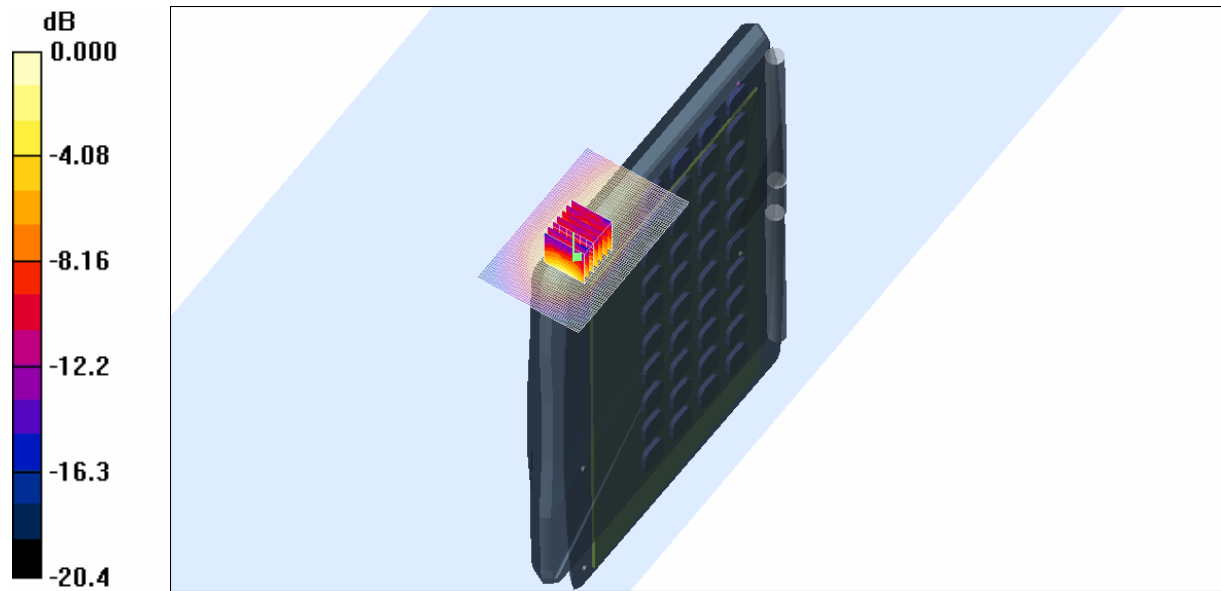
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.90 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00561 mW/g

Maximum value of SAR (measured) = 0.012 mW/g



SAR MEASUREMENT PLOT 5

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %



Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 10 Edge On Right Antenna Out 20-06-08.da4

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

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

* Medium parameters used: $f = 824 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 55.5$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 128 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.451 mW/g

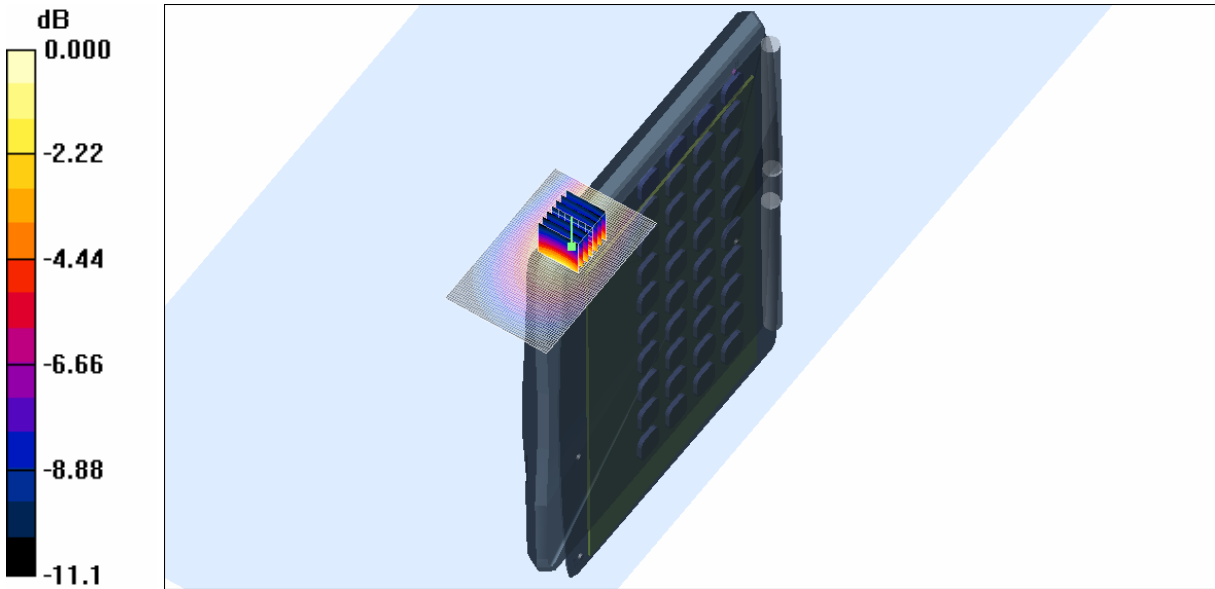
Channel 128 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.711 W/kg

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 0.413 mW/g



SAR MEASUREMENT PLOT 6

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %



Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 10 Edge On Right Antenna Out 20-06-08.da4

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

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

* Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 190 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.506 mW/g

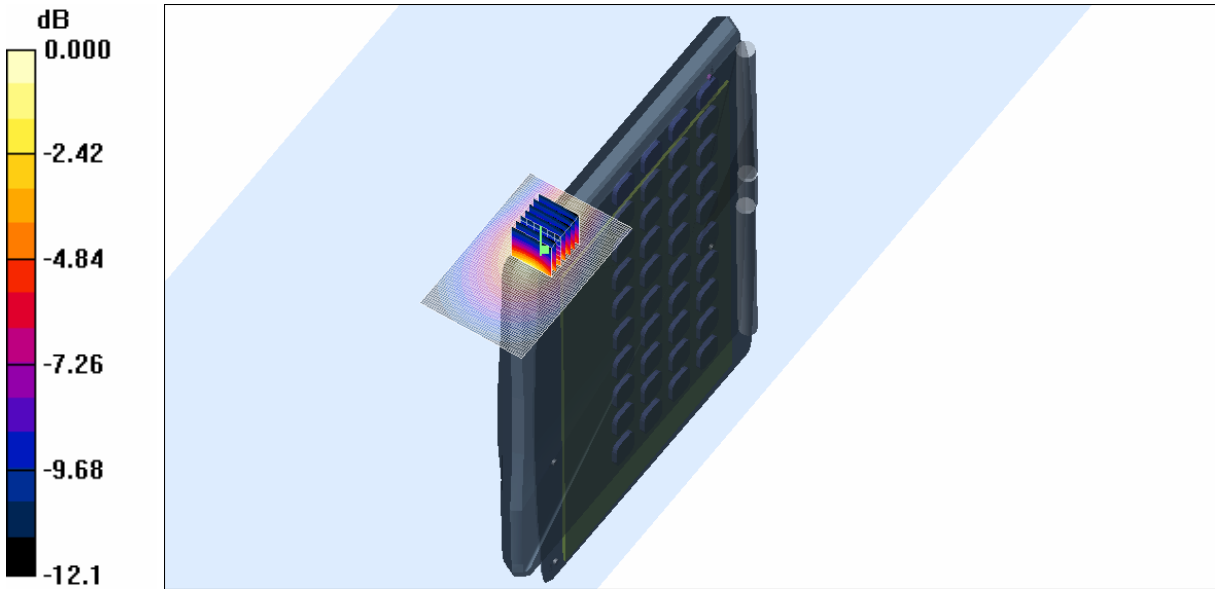
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.621 mW/g



SAR MEASUREMENT PLOT 7

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %



Test Date: 20 June 2008

File Name: 850 MHz GPRS Class 10 Edge On Right Antenna Out 20-06-08.da4

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

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

* Medium parameters used: $f = 848 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 251 Test/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.500 mW/g

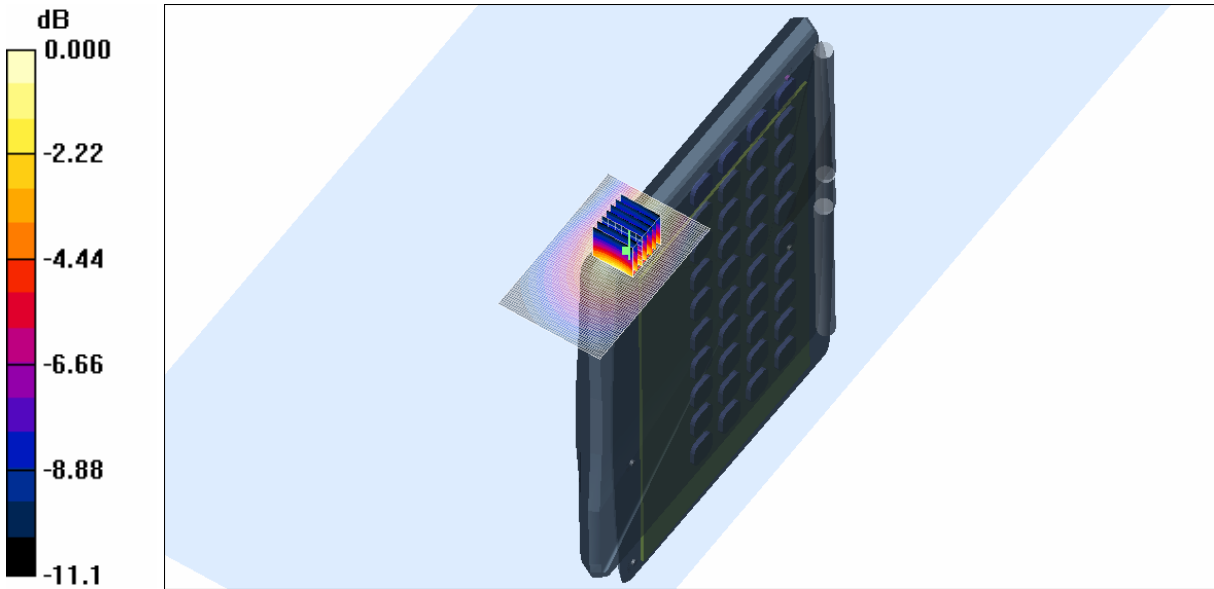
Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.443 mW/g

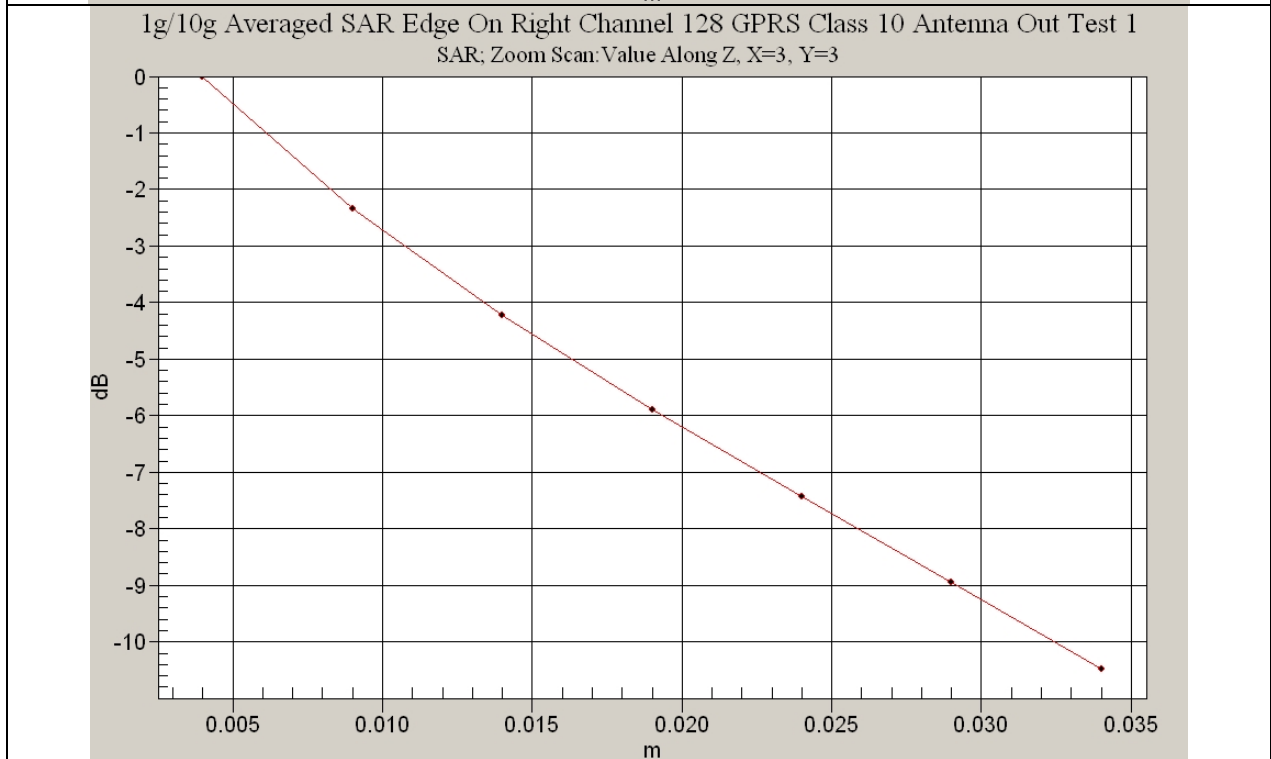
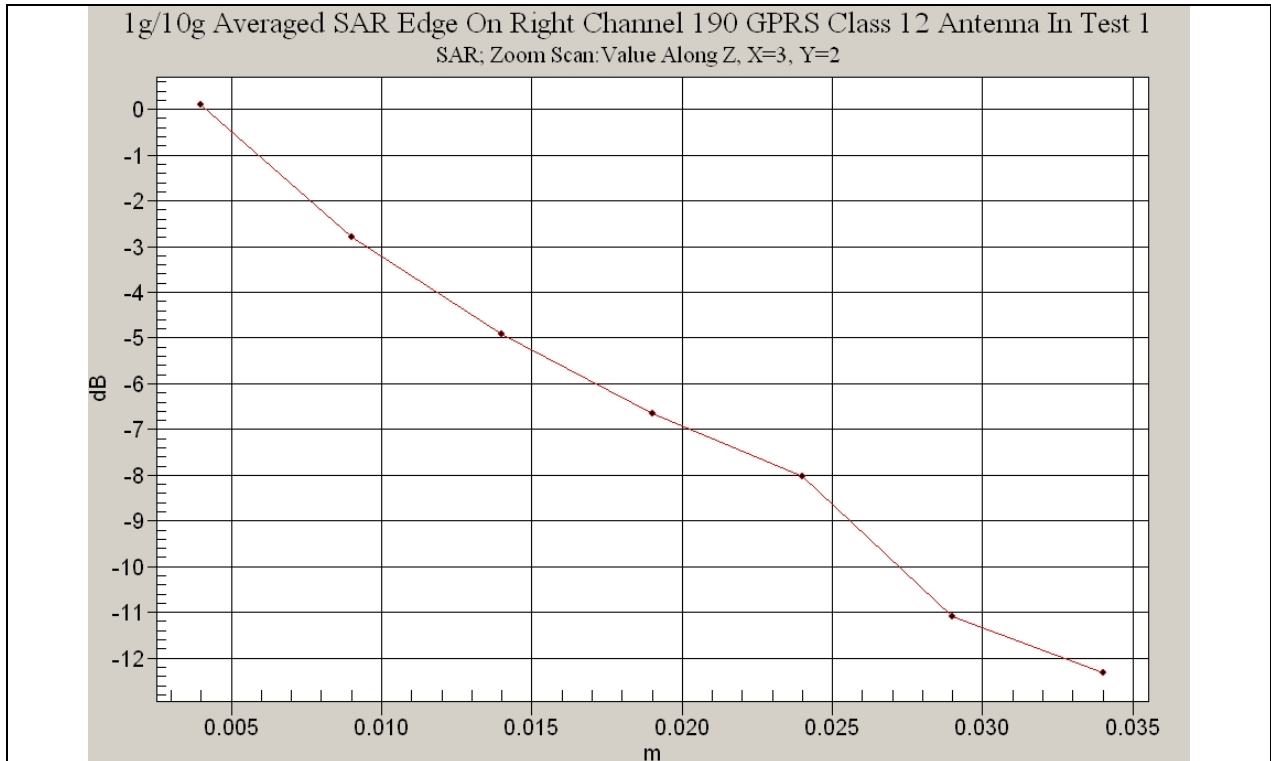


SAR MEASUREMENT PLOT 8

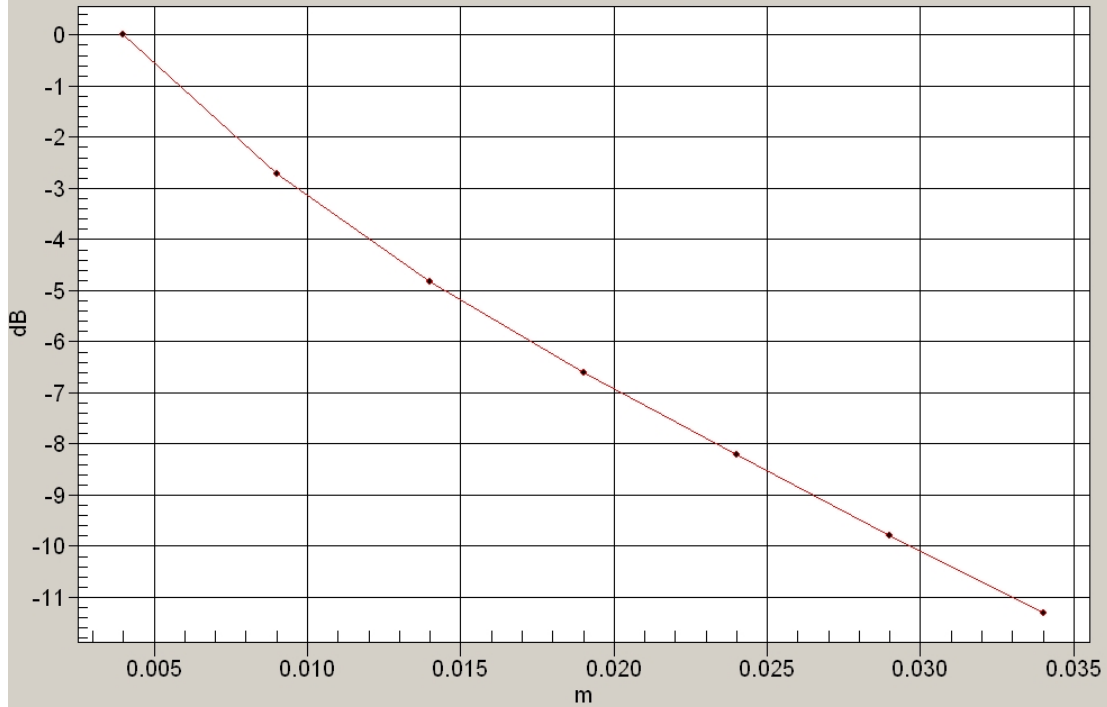
Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.2 Degrees Celsius
50.0 %

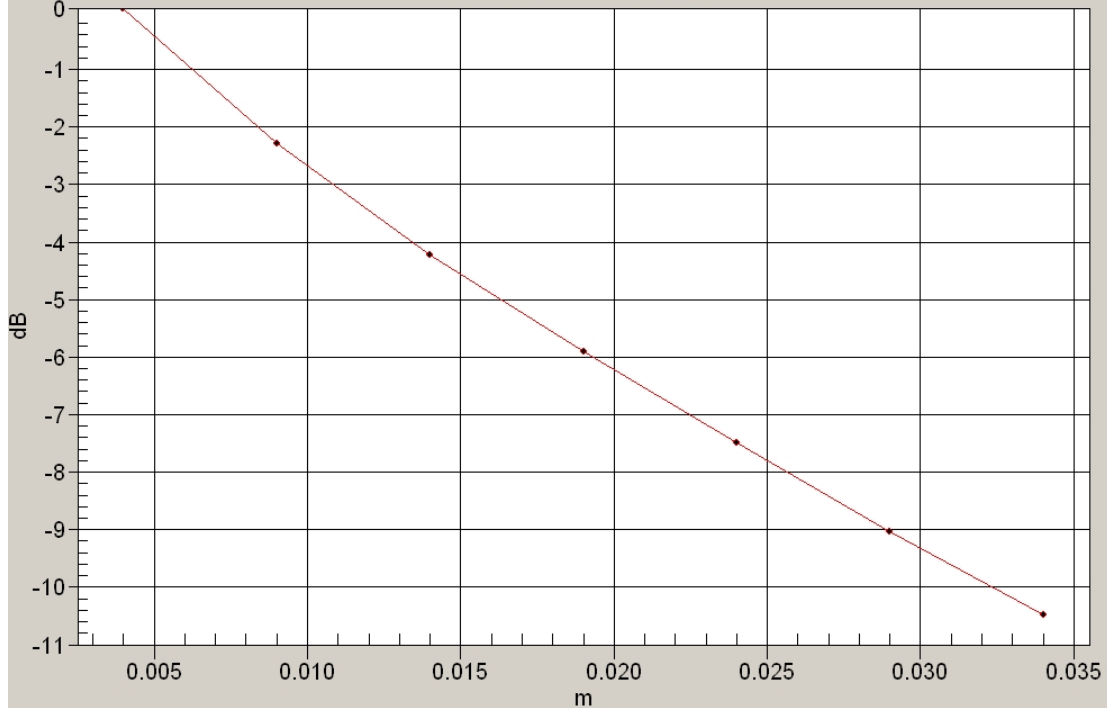




1g/10g Averaged SAR Edge On Right Channel 190 GPRS Class 10 Antenna Out Test 1
SAR: Zoom Scan: Value Along Z, X=3, Y=2



1g/10g Averaged SAR Edge On Right Channel 251 GPRS Class 10 Antenna Out Test 1
SAR: Zoom Scan: Value Along Z, X=2, Y=2



Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 12 Tablet Antenna In 19-06-08.da4

DUT: Fujitsu Tablet Seneca 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: $f = 1881$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

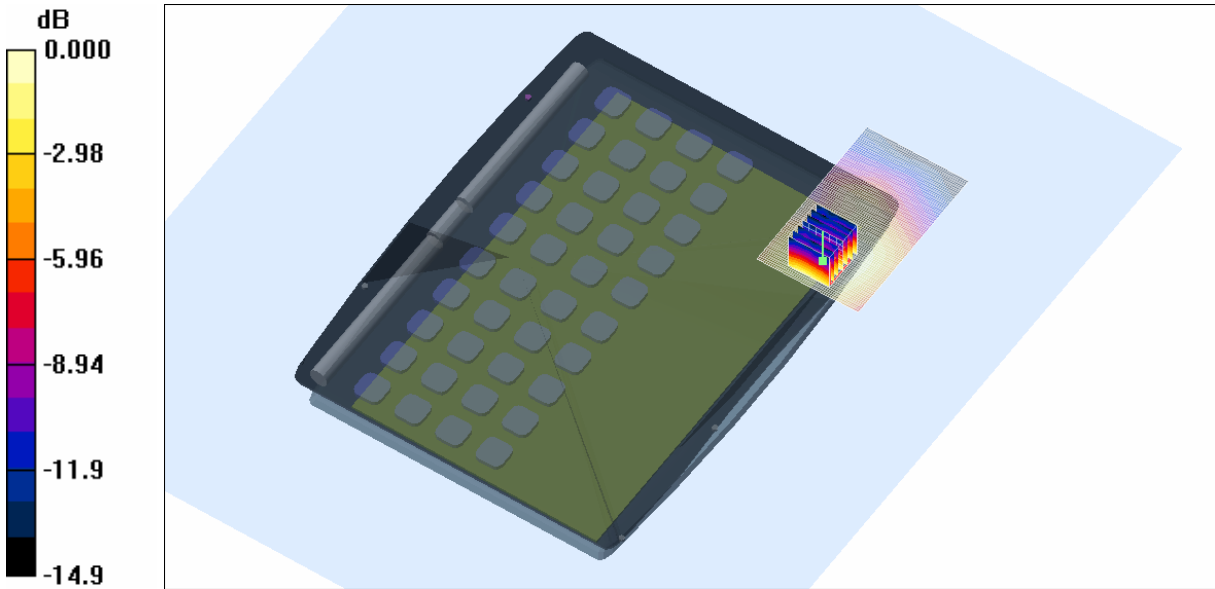
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.43 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.020 mW/g

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



SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %



Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 12 Tablet Antenna Out 19-06-08.da4

DUT: Fujitsu Tablet Seneca 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: $f = 1881 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 (81x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.403 mW/g

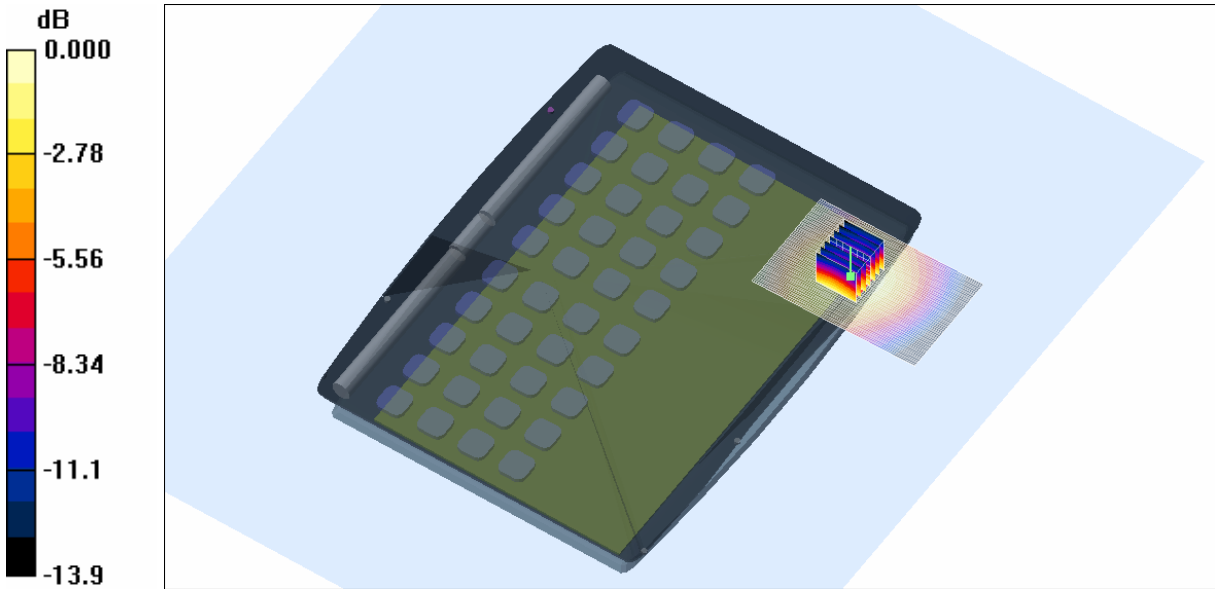
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.78 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.406 mW/g



0 dB = 0.406mW/g

SAR MEASUREMENT PLOT 10

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %



Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 10 Edge On Right Antenna In 19-06-08.da4

DUT: **Fujitsu Tablet Seneca 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: $f = 1881 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.081 mW/g

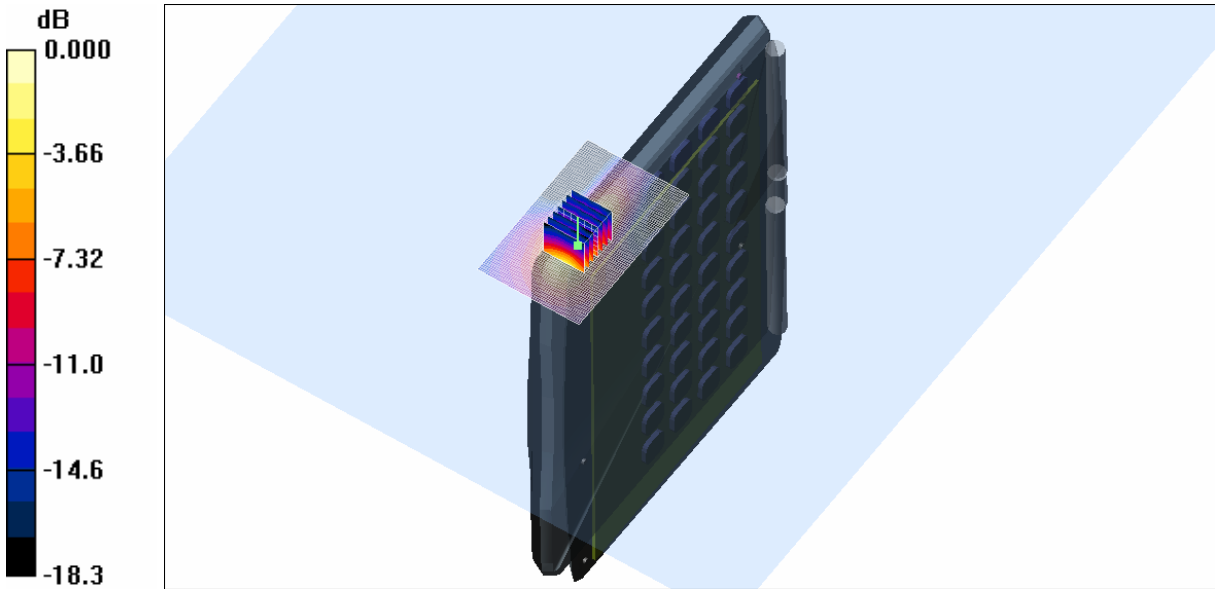
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.16 V/m; Power Drift = -0.401 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.091 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %



Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 11 Edge On Right Antenna In 19-06-08.da4

DUT: Fujitsu Tablet Seneca 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: $f = 1881$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.107 mW/g

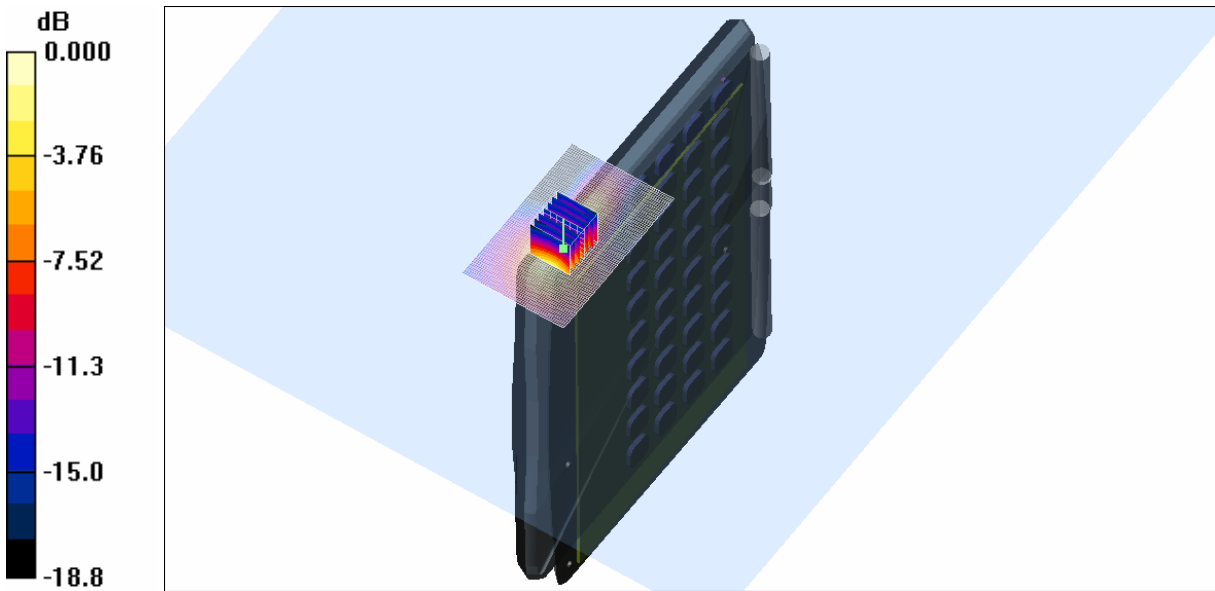
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.13 V/m; Power Drift = -0.315 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.118 mW/g

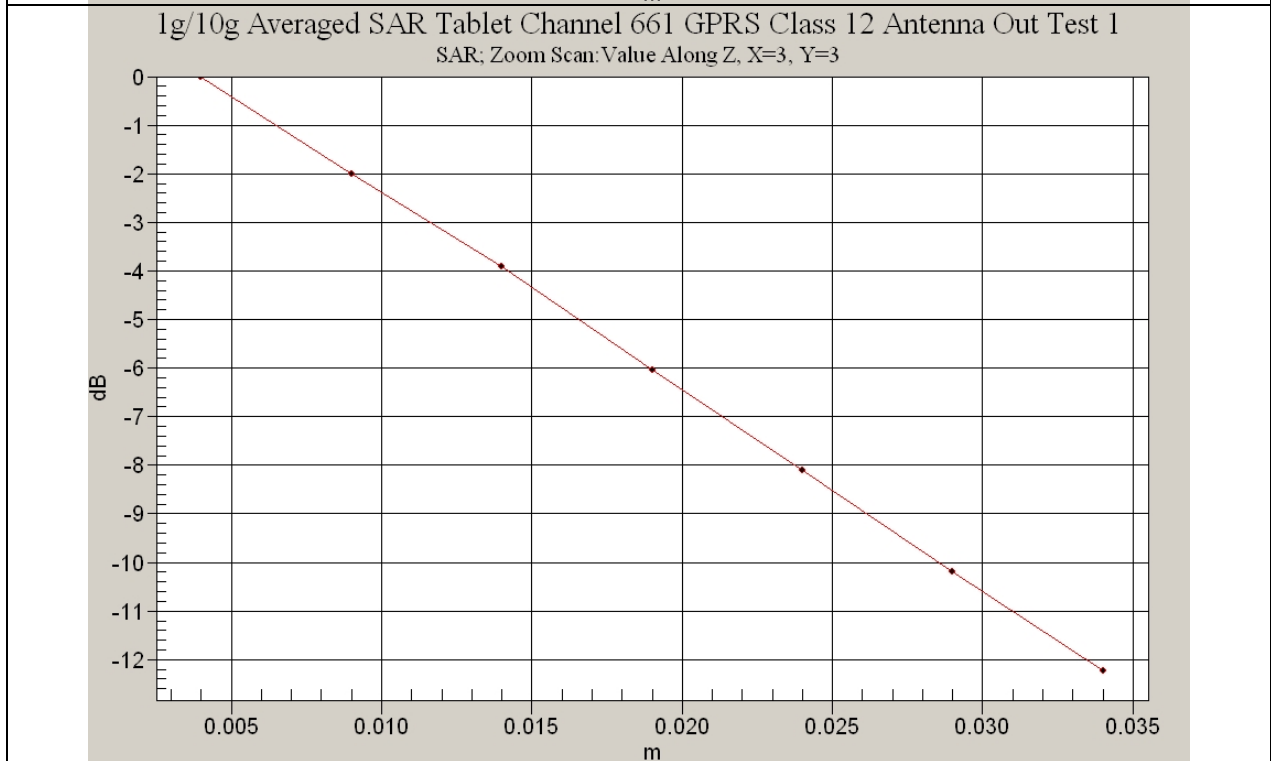
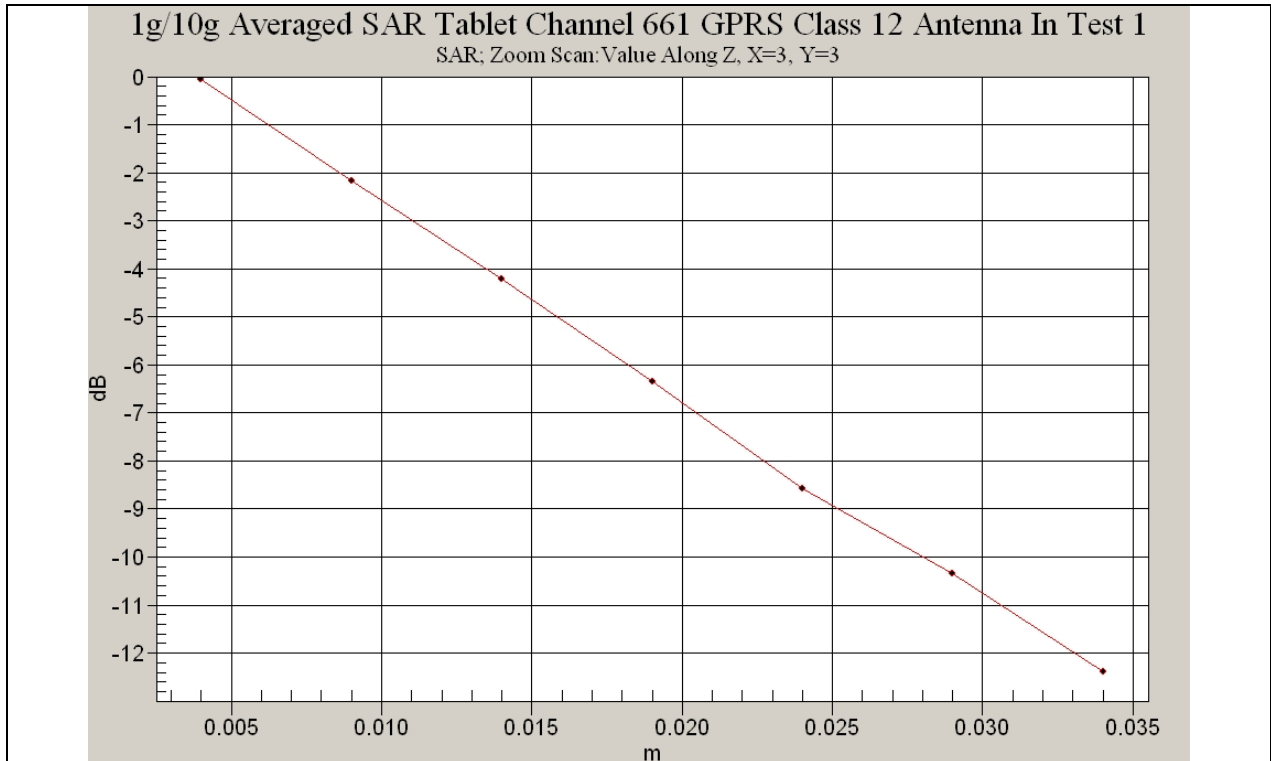


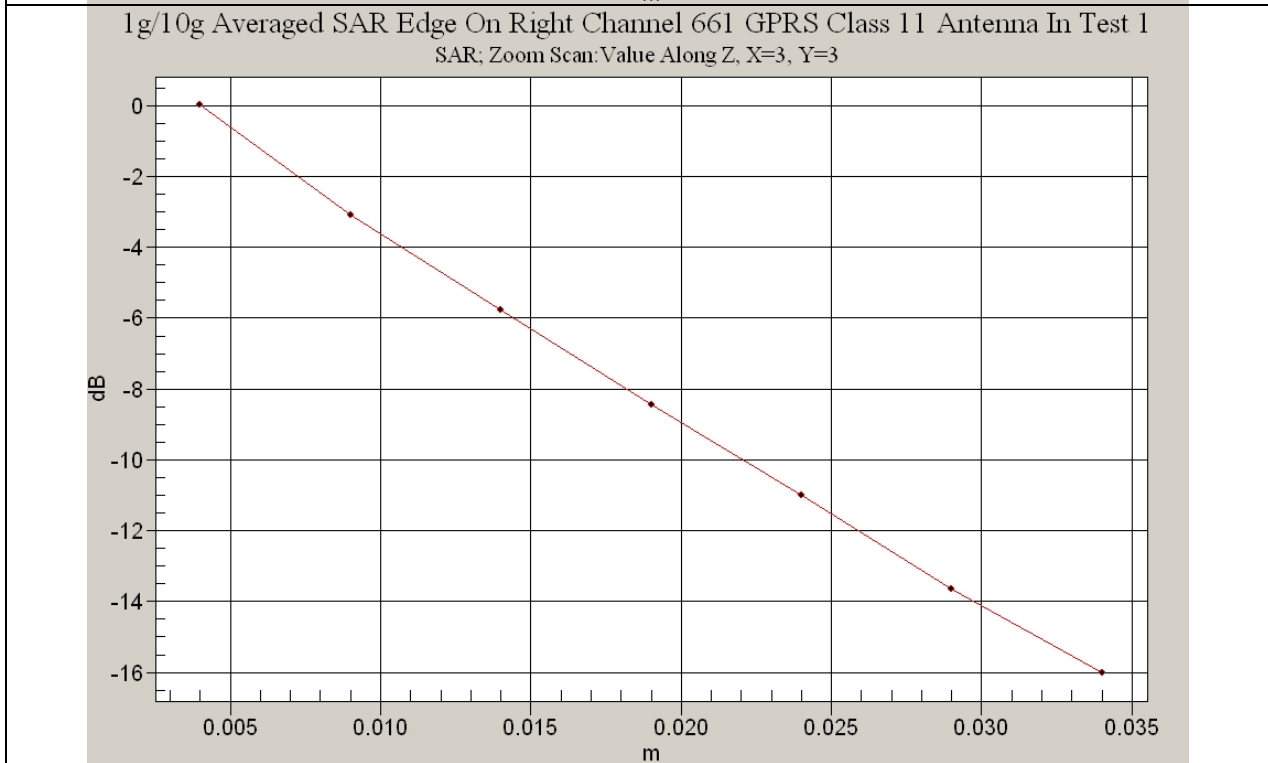
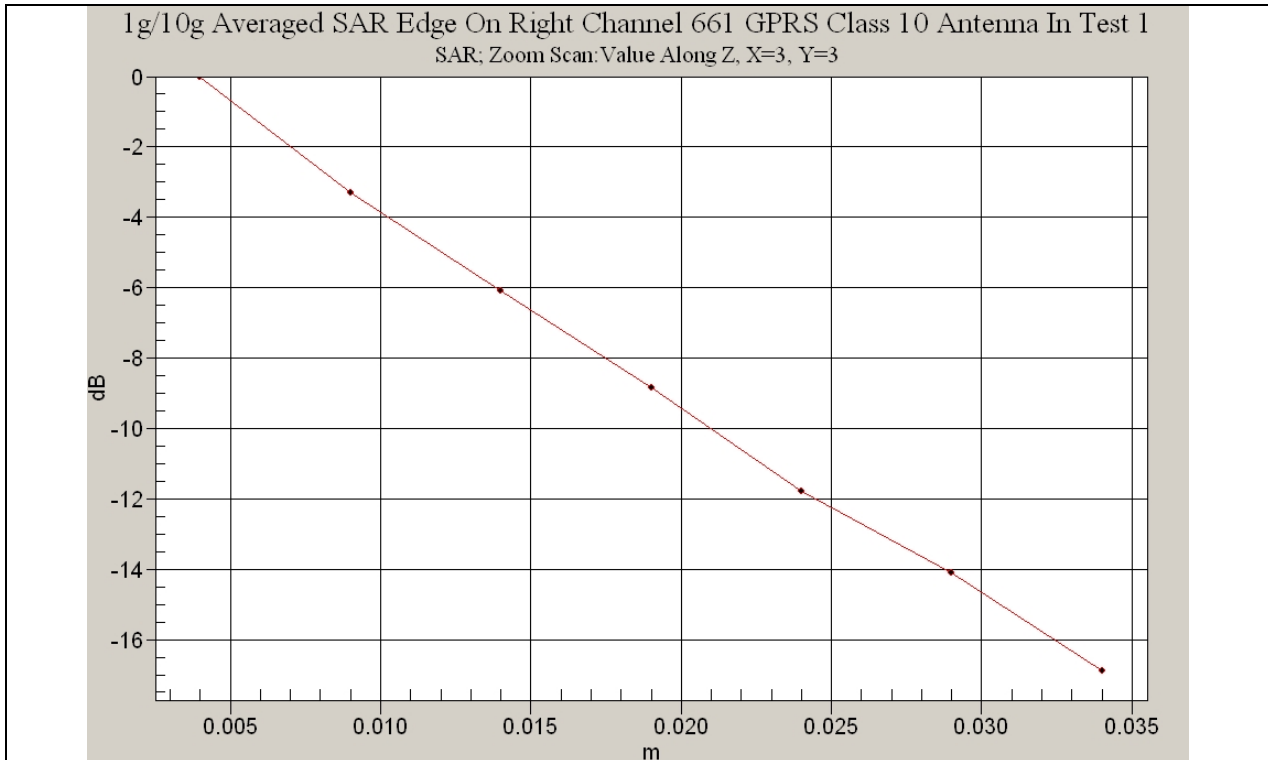
SAR MEASUREMENT PLOT 12

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %







Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 12 Edge On Right Antenna In 19-06-08.da4

DUT: Fujitsu Tablet Seneca 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: $f = 1881 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

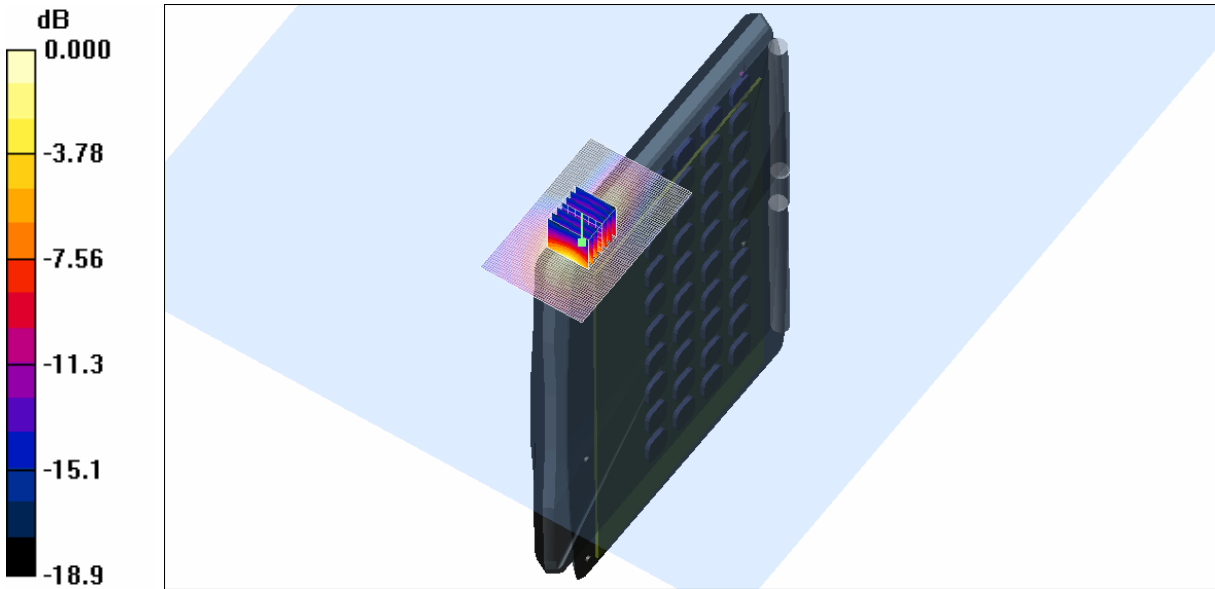
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.83 V/m; Power Drift = -0.275 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.144 mW/g



SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %



Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 12 Edge On Right Antenna Out 19-06-08.da4

DUT: Fujitsu Tablet Seneca 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: $f = 1849.8 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

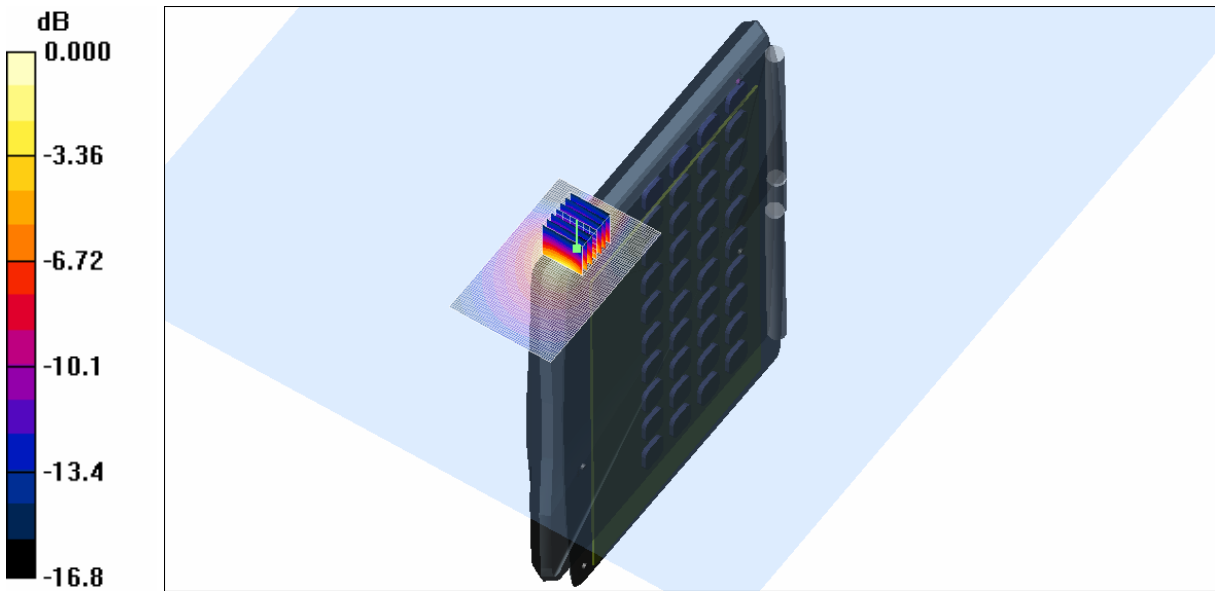
Channel 512 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %



Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 12 Edge On Right Antenna Out 19-06-08.da4

DUT: Fujitsu Tablet Seneca 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: $f = 1881 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

- Electronics: DAE3 Sn442; 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.929 mW/g

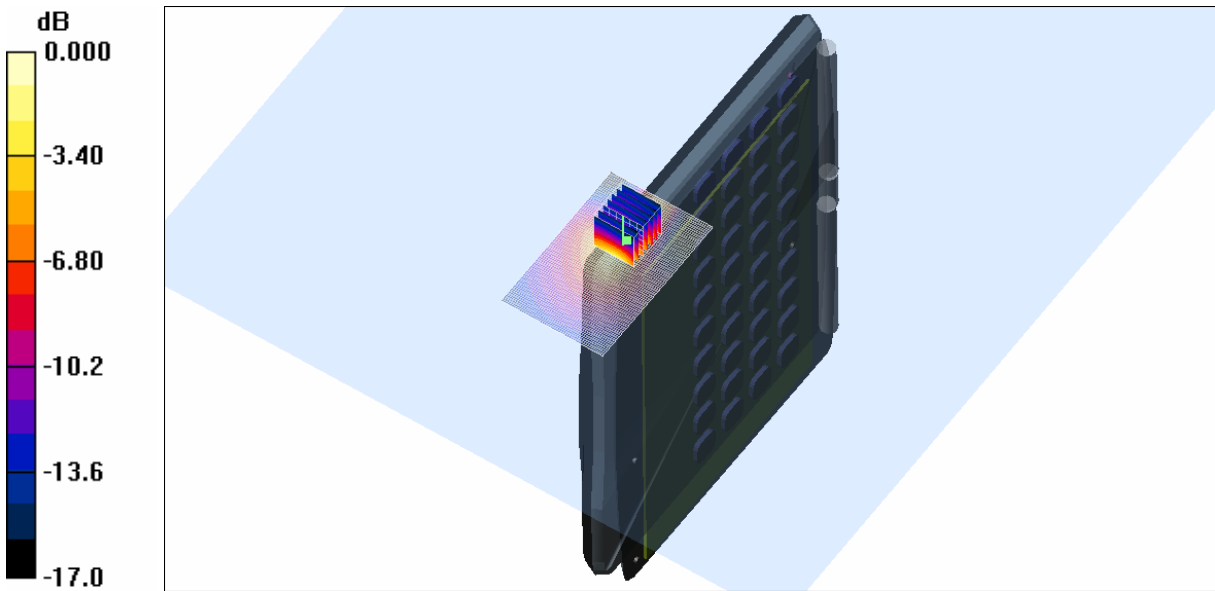
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.54 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.888 mW/g



SAR MEASUREMENT PLOT 15

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %



Test Date: 19 June 2008

File Name: 1900 MHz GPRS Class 12 Edge On Right Antenna Out 19-06-08.da4

DUT: Fujitsu Tablet Seneca 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: $f = 1909.6$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

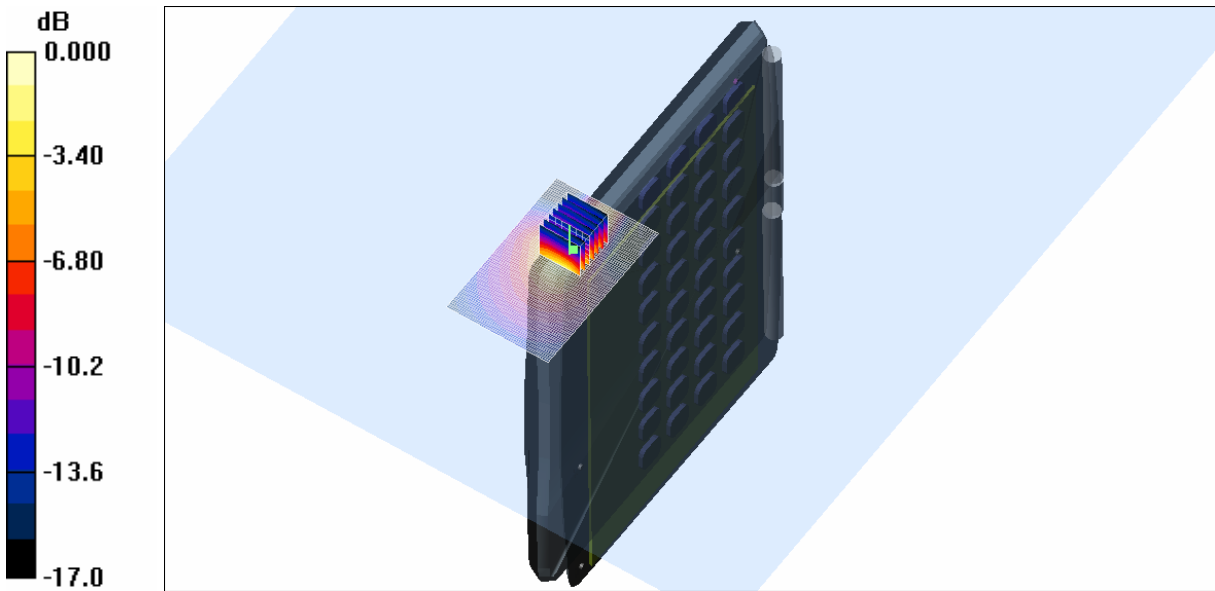
Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.518 mW/g

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



SAR MEASUREMENT PLOT 16

Ambient Temperature
Liquid Temperature
Humidity

20.8 Degrees Celsius
20.5 Degrees Celsius
51.0 %



