

APPENDIX A MULTIBAND EVALUATION CONSIDERATIONS

According to the SAR standards, when the sum of SAR results (simultaneously transmitting antennas WLAN and WWAN) is $> 1.6\text{mW/g}$ and the distance between the antennas is 5cm or less, or the ratio of above sum to the distance between antennas > 0.3 , simultaneous transmission SAR evaluation is required.

Host System #1:

Multiband evaluation was conducted for UMTS/GSM WWAN (MC8781) and WIFI (533AN_HMW) because the ratio of the sum of highest SAR results for the WWAN and WiFi (in 5GHz band) to the distance between WWAN and WiFi Tx1 antennas is $- 2.62/8 = 0.3275 > 0.3$.

Summary of the highest SAR results considered for multiband evaluation:

- 1) Worst case SAR in UMTS/GSM, Tablet Ant. OUT, Channel 190 (836.6MHz) GPRS Class 10 mode: 1.55 mW/g
- 2) Worst case SAR 5.6GHz band, Tablet Ant. A Channel 64 (5320MHz), OFDM mode: 1.07 mW/g

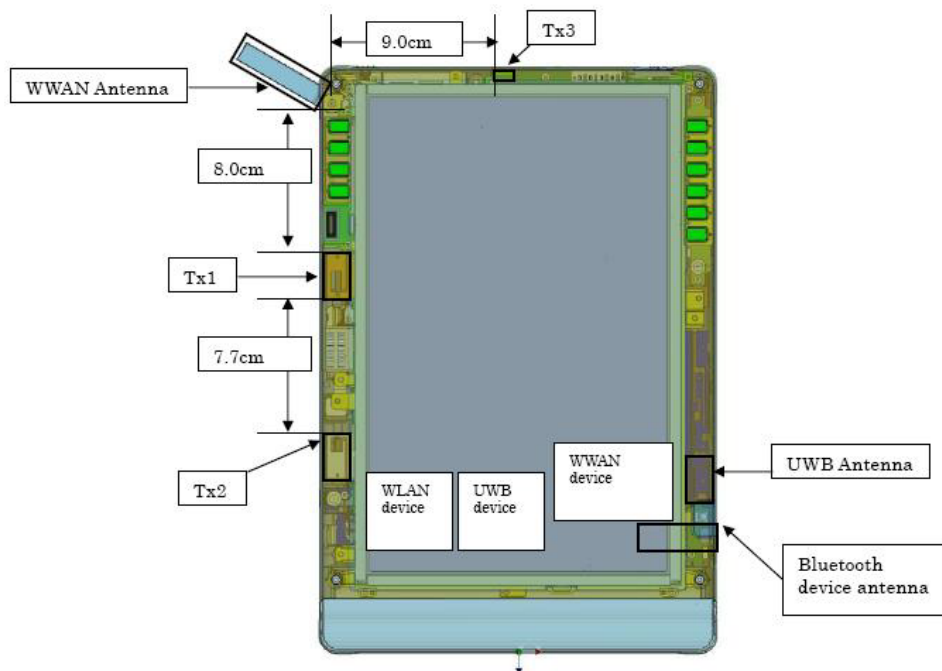
Host System #2:

Multiband evaluation was not required for UMTS/GSM WWAN (MC8781) and WIFI (AR5BHB92) because the ratio of the sum of highest SAR results for the WWAN and WiFi (in 5GHz band) to the distance between WWAN and WiFi Tx1 antennas is $- 1.89/8 = 0.2363 < 0.3$. The Average output power of the AR5BHB92 module is 2.5dB lower than that of the Intel 533AN_HMW module and hence the difference in multiband SAR considerations

Summary of the highest SAR results considered for multiband evaluation:

- 3) Worst case SAR in UMTS/GSM, Tablet Ant. OUT, Channel 190 (836.6MHz) GPRS Class 10 mode: 1.55 mW/g
- 4) Worst case SAR 5.2GHz band, Tablet Ant. A Channel 52 (5260MHz), OFDM mode: 0.34 mW/g

Diagram Showing Antenna Positions

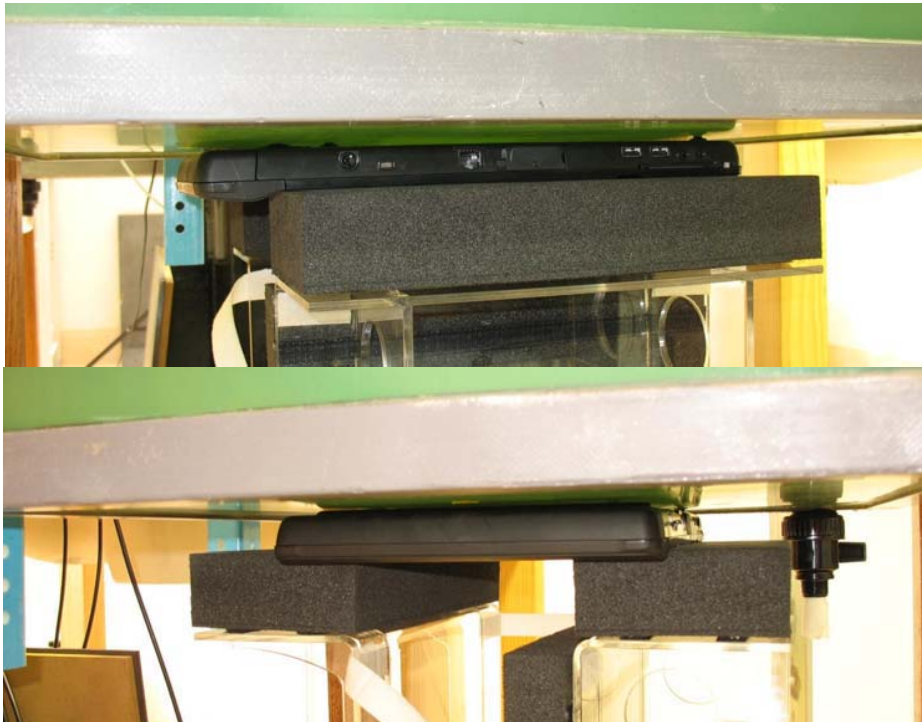


NOTE: Throughout this report, Antenna A, B and C refer to Tx1, Tx2 and Tx3 in the host respectively.



APPENDIX B TEST SETUP PHOTOGRAPHS

Tablet Position Ant. IN



Tablet Position Ant. OUT



APPENDIX C 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: SAR MEASUREMENT RESULTS – 850MHz GPRS

Test Position	Plot No.	Test Channel	Test Freq (MHz)
Tablet Ant. OUT GPRS Class 10	1	128	824.2
	2	190	836.6
	3	251	848.8
Tablet Ant. OUT GPRS Class 11	4	190	836.6
Z-Axis graphs for Plots 1 to 4			
Tablet Ant. OUT GPRS Class 12	5	190	836.6
Tablet Ant. IN GPRS Class 10	6	190	836.6
Z-Axis graphs for Plots 5 to 6			

Table: SAR MEASUREMENT RESULTS – 1900MHz GPRS

Test Position	Plot No.	Test Channel	Test Freq (MHz)
Tablet Ant. OUT GPRS Class 12	7	512	1850.2
	8	661	1880.0
	9	810	1909.8
Tablet Ant. OUT GPRS Class 10	10	810	1880.0
Z-Axis graphs for Plots 7 to 10			
Tablet Ant. OUT GPRS Class 11	11	810	1880.0
Tablet Ant. IN GPRS Class 12	12	810	1880.0
Z-Axis graphs for Plots 11 to 12			

Table: SAR MEASUREMENT RESULTS – 850MHz UMTS

Test Position	Plot No.	Test Channel	Test Freq (MHz)
Tablet Ant. IN	-	4183	836.6
Tablet Ant. OUT	13	4132	826.4
	14	4183	836.6
	15	4233	846.6
Z-Axis graphs for Plots 13 to 15			



Table: SAR MEASUREMENT RESULTS – 1900MHz UMTS

Test Position	Plot No.	Test Channel	Test Freq (MHz)
Tablet Ant. IN	-	9400	1880.0
	16	9262	1852.4
Tablet Ant. OUT	17	9400	1880.0
	18	9538	1907.6
Z-Axis graphs for Plots 16 to 18			

Table: MULTIBAND SAR MEASUREMENT RESULTS – 900MHz GPRS and 5.2GHz OFDM (533AN_HMW)

Test Position	Plot No.	Test Channels	Test Freq (MHz)
Tablet	19	190/64	836.6/5320

Table: Validation Plots

Plot 20	Validation 900 MHz 31 st August 2008
Plot 21	Validation 900 MHz 1 st September 2008
Plot 22	Validation 900 MHz 11 th September 2008
Z-Axis graphs for Plots 19 to 22	
Plot 23	Validation 1950 MHz 27 th August 2008
Plot 24	Validation 5200 MHz 11 th September 2008
Z-Axis graphs for Plots 23 to 24	



Test Date: 31 August 2008

File Name: Tablet 850 MHz GPRS Class 10 Antenna Out 31-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 824 \text{ MHz}$; $\sigma = 0.975 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; 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 (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.59 mW/g

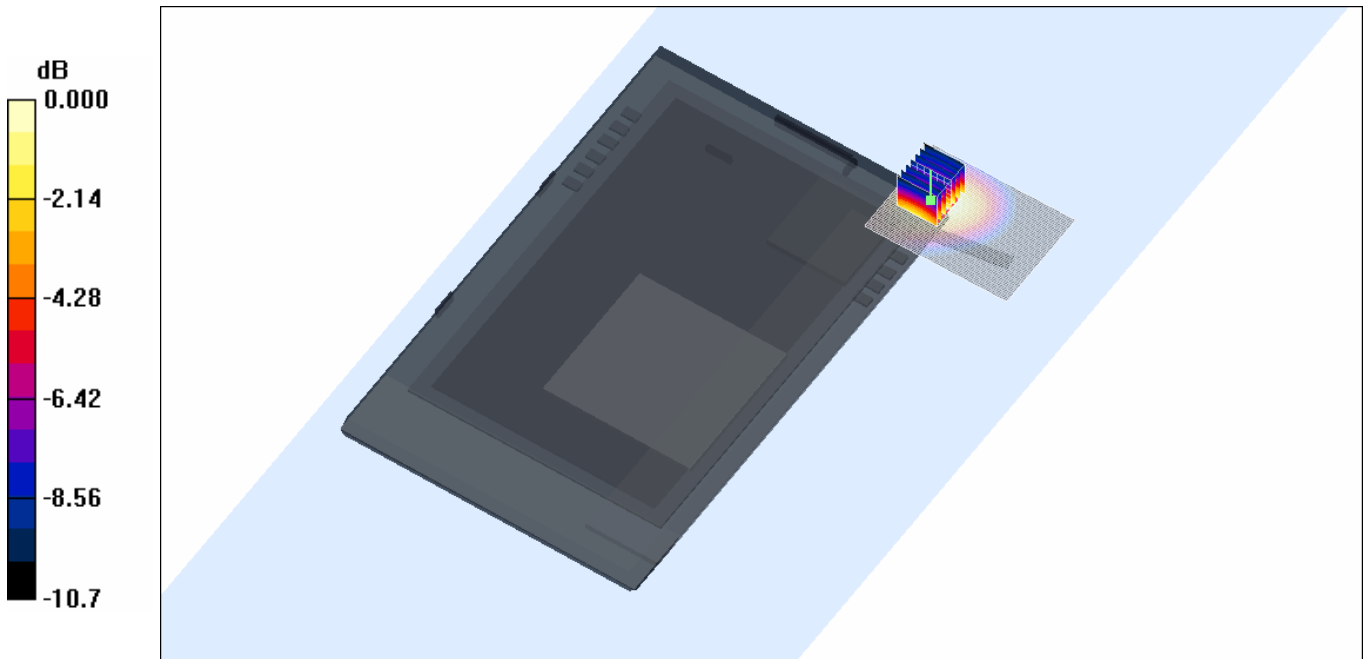
Channel 128 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.1 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.954 mW/g

Maximum value of SAR (measured) = 1.57 mW/g



0 dB = 1.57mW/g

SAR MEASUREMENT PLOT 1

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
51.0 %



Test Date: 31 August 2008

File Name: Tablet 850 MHz GPRS Class 10 Antenna Out 31-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 836 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; 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 (71x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.70 mW/g

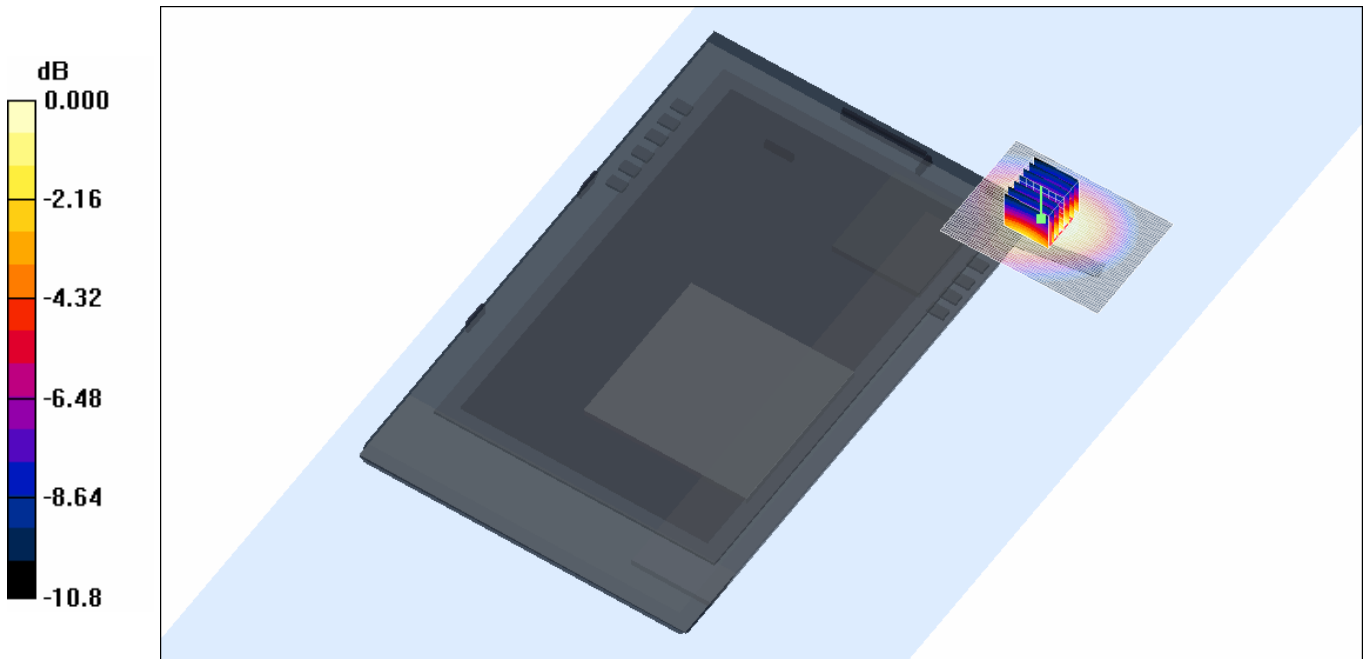
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 41.4 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.55 mW/g; SAR(10 g) = 1.02 mW/g

Maximum value of SAR (measured) = 1.69 mW/g



0 dB = 1.69mW/g

SAR MEASUREMENT PLOT 2

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
51.0 %



Test Date: 31 August 2008

File Name: Tablet 850 MHz GPRS Class 10 Antenna Out 31-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 848 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; 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 (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.65 mW/g

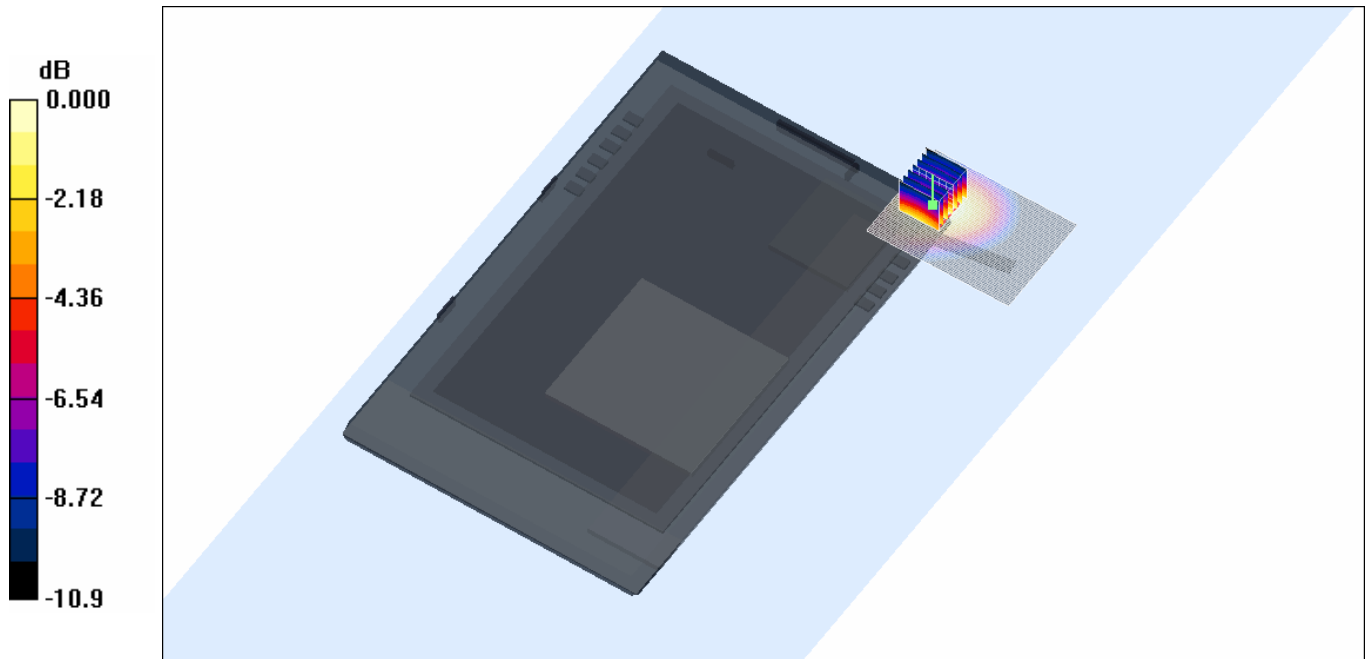
Channel 251 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.981 mW/g

Maximum value of SAR (measured) = 1.63 mW/g



0 dB = 1.63mW/g

SAR MEASUREMENT PLOT 3

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
51.0 %



Test Date: 31 August 2008

File Name: Tablet 850 MHz GPRS Class 11 Antenna Out 31-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 836 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; 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 (71x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.30 mW/g

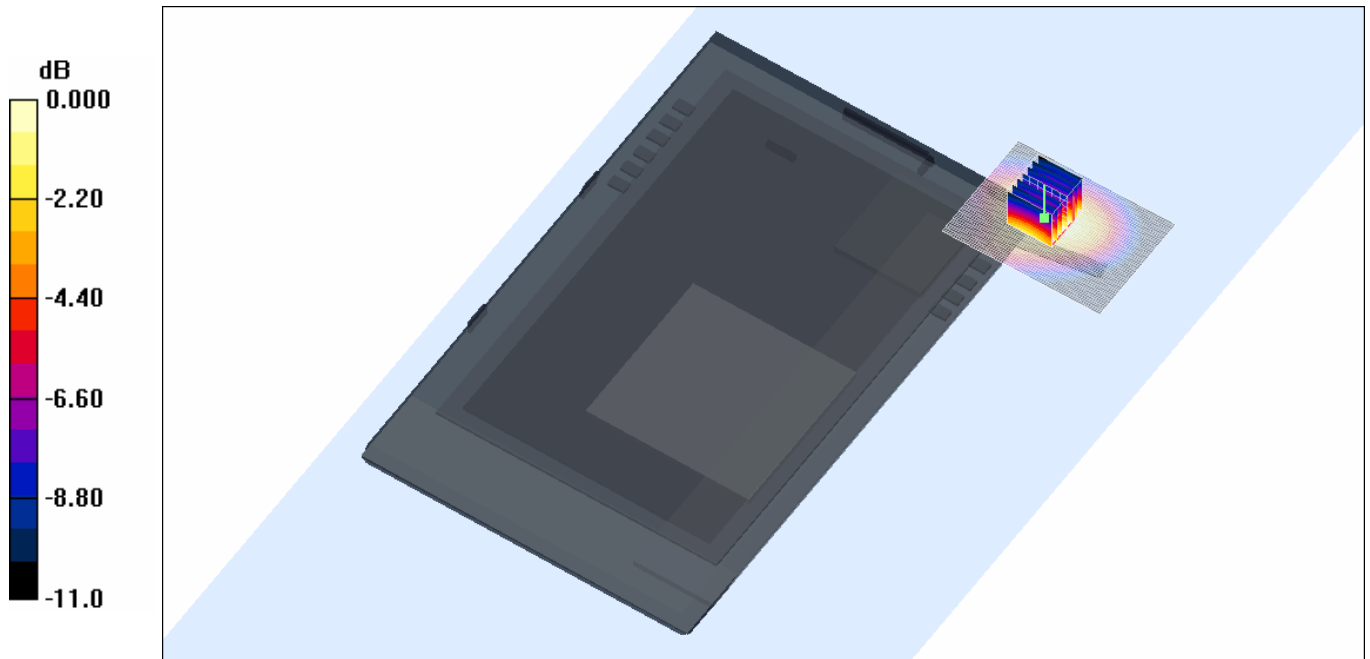
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.5 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.772 mW/g

Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28mW/g

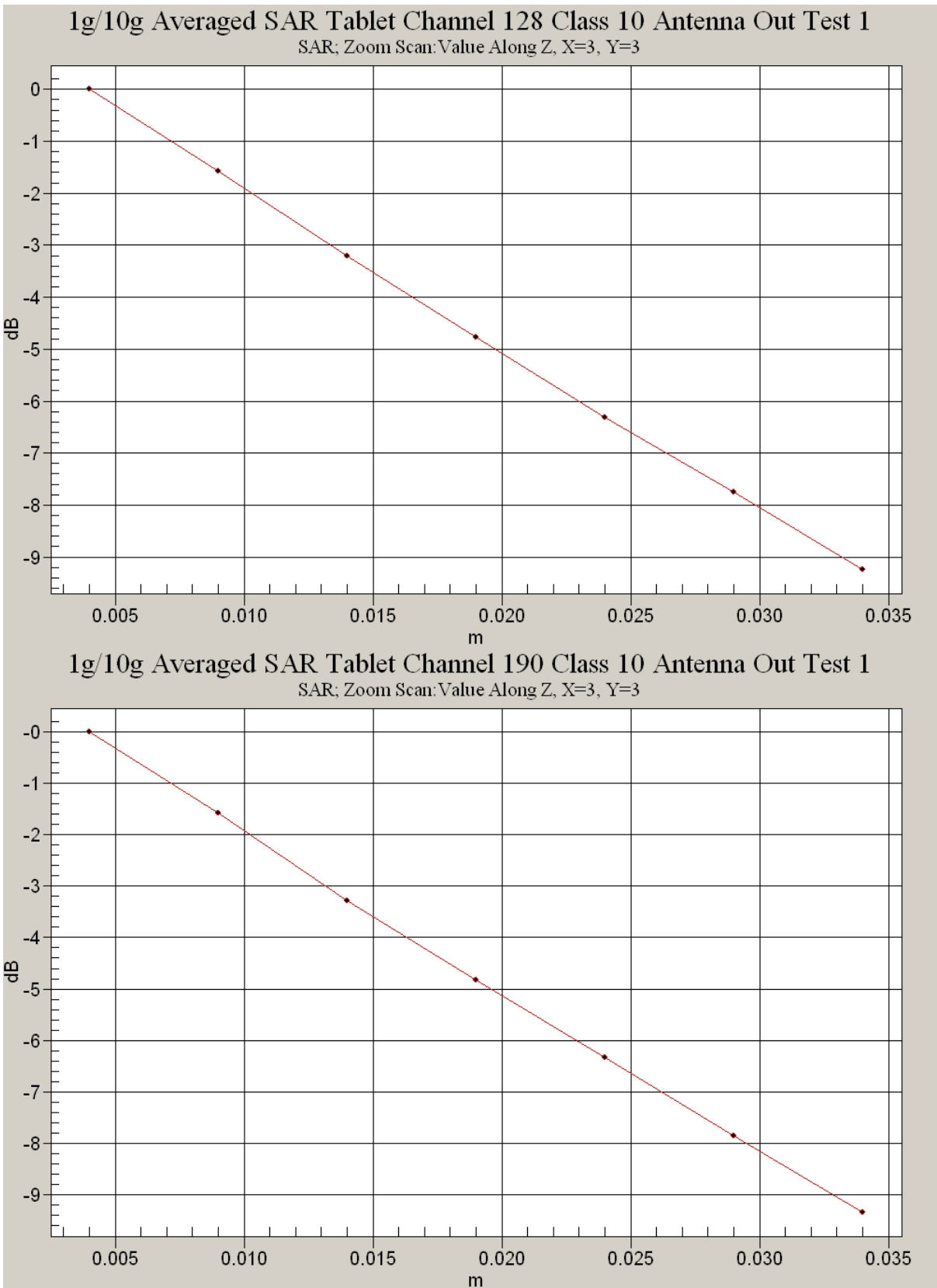
SAR MEASUREMENT PLOT 4

Ambient Temperature
Liquid Temperature
Humidity

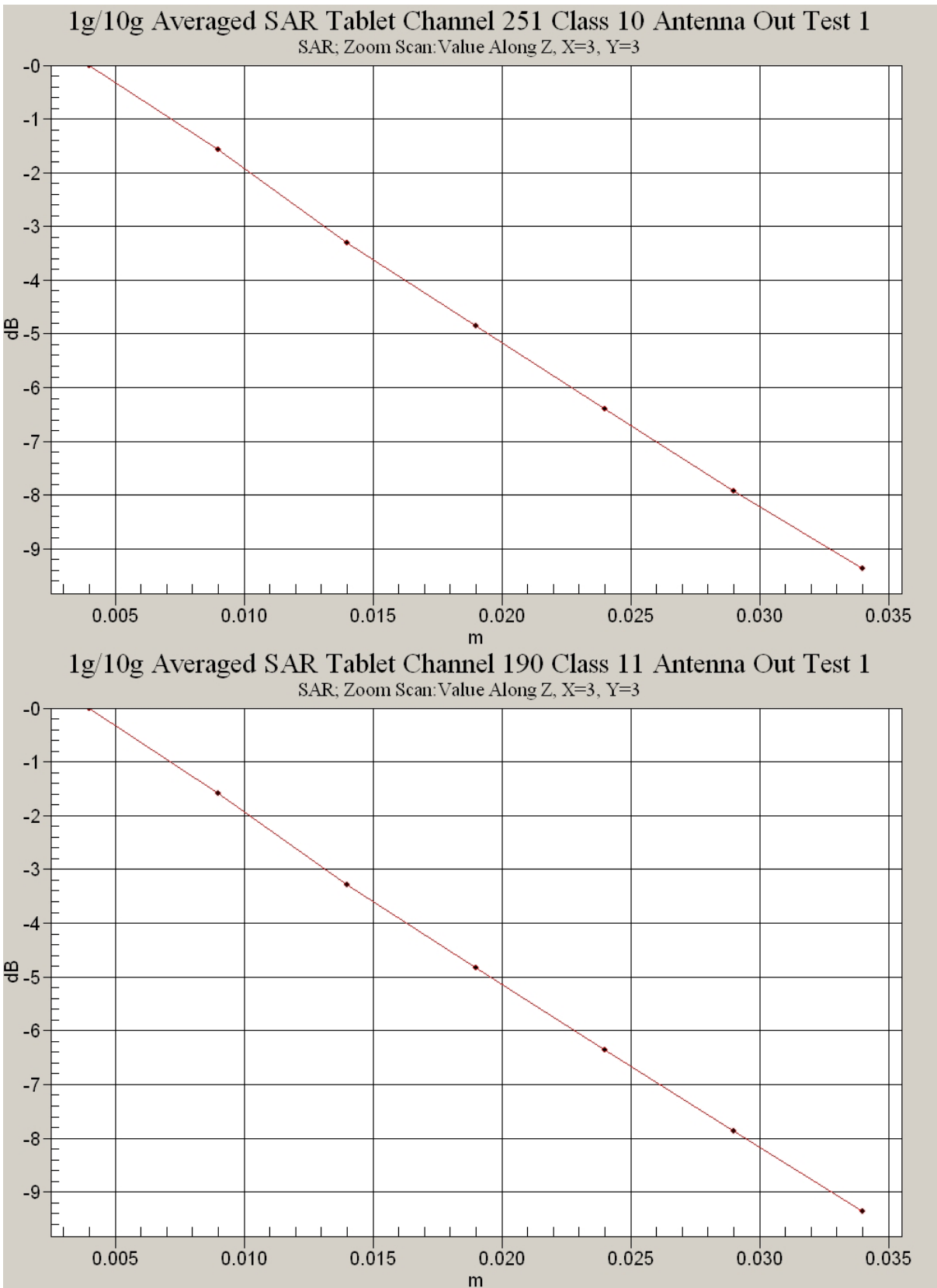
20.5 Degrees Celsius
20.3 Degrees Celsius
51.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au

Test Date: 31 August 2008

File Name: Tablet 850 MHz GPRS Class 12 Antenna Out 31-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 836 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; 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 (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.857 mW/g

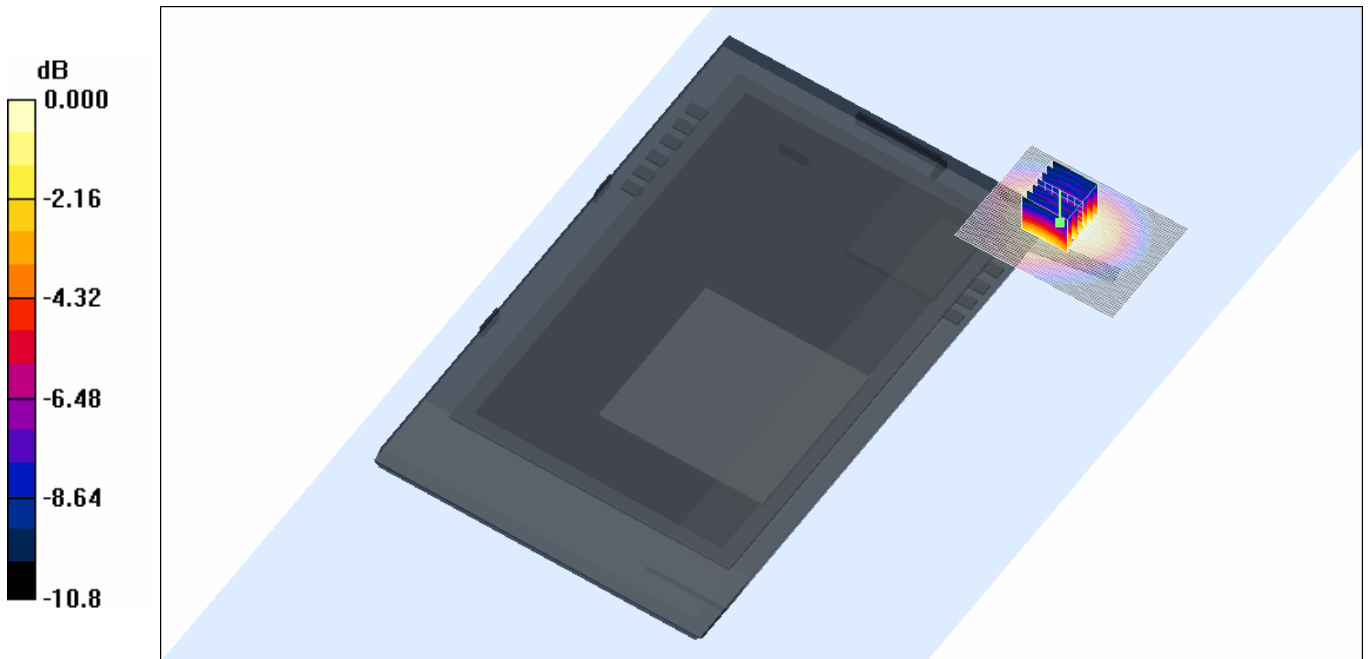
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.513 mW/g

Maximum value of SAR (measured) = 0.839 mW/g



0 dB = 0.839mW/g

SAR MEASUREMENT PLOT 5

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
51.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 31 August 2008

File Name: Tablet 850 MHz GPRS Class 10 Antenna In 31-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 836 \text{ MHz}$; $\sigma = 0.987 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; 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 (51x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.012 mW/g

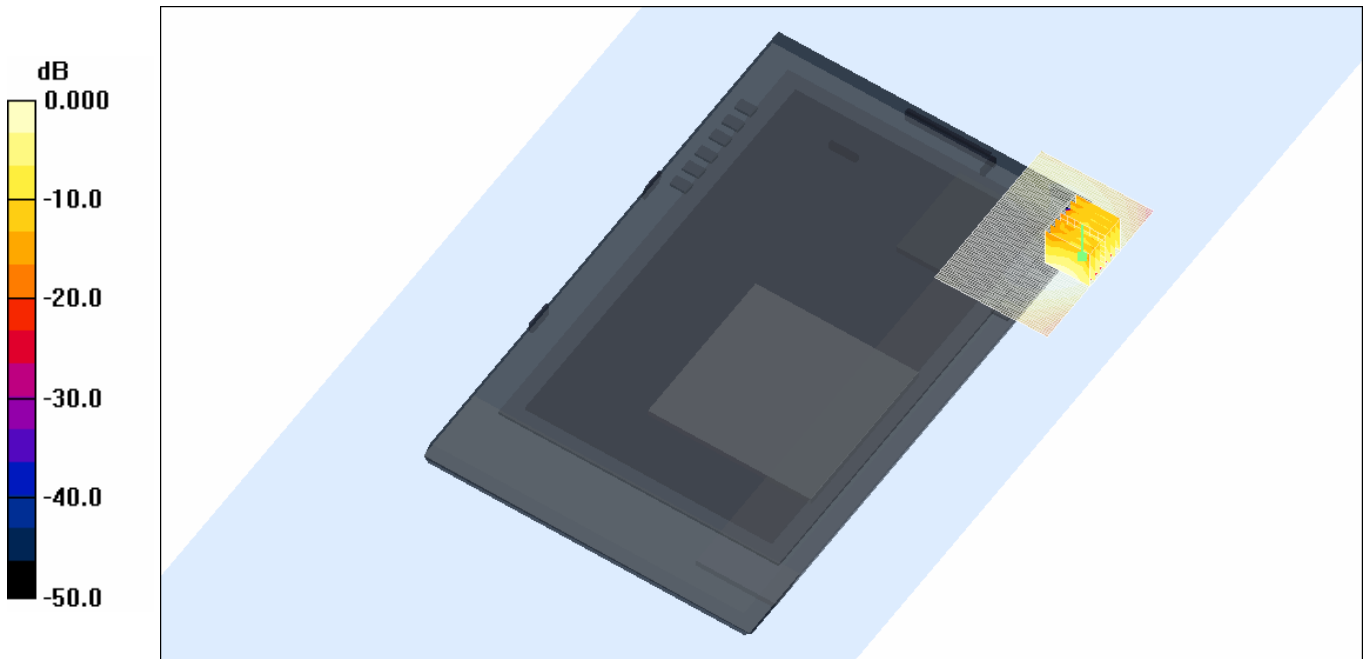
Channel 190 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.25 V/m; Power Drift = 0.201 dB

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.0059 mW/g

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

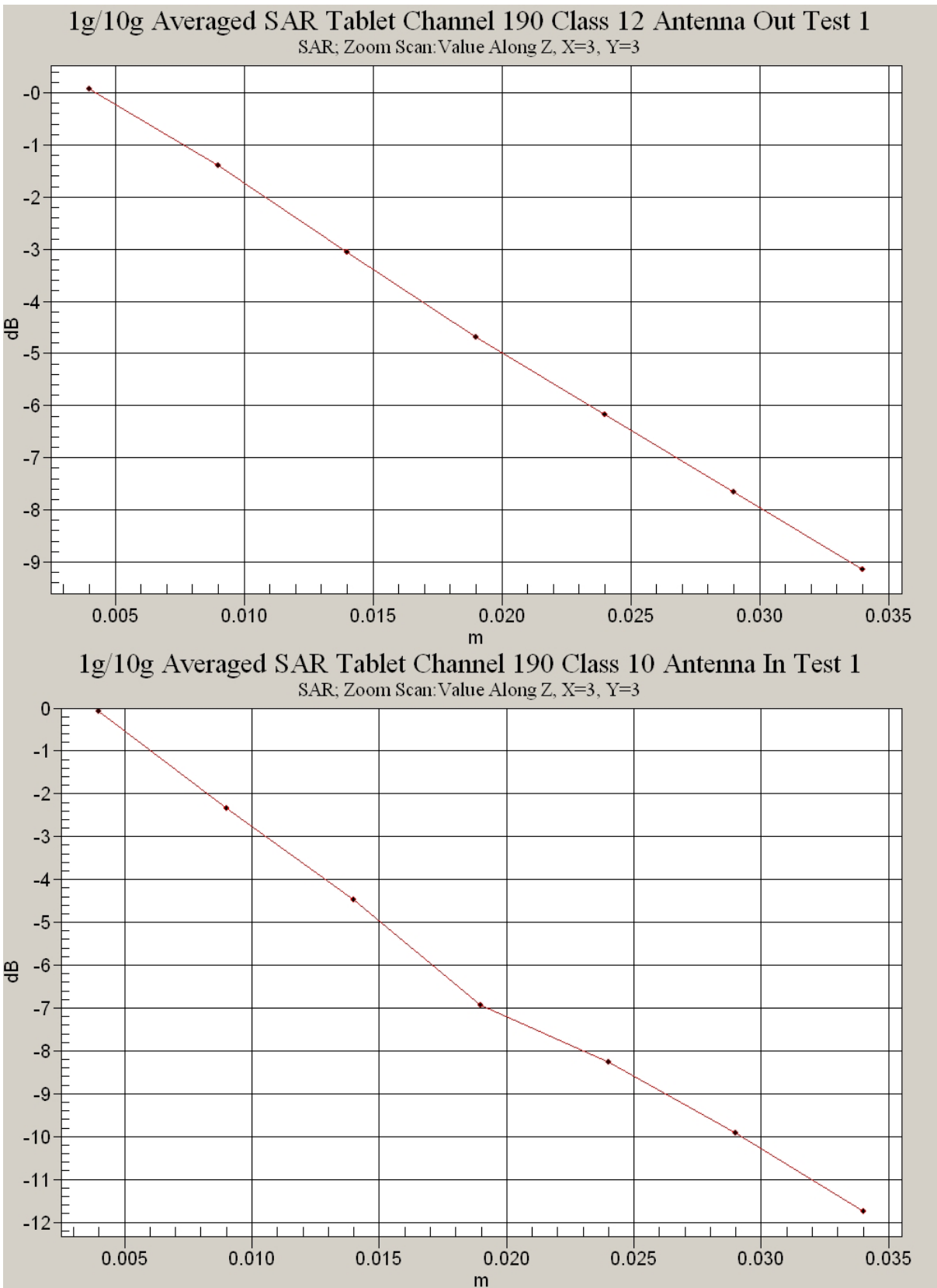


SAR MEASUREMENT PLOT 6

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
51.0 %





This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au

Test Date: 27 August 2008

File Name: Tablet 1900 MHz GPRS Class 12 Antenna Out 27-08-08.da4

DUT: Fujitsu Tablet Oneya 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: $f = 1849.8 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 512 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.66 mW/g

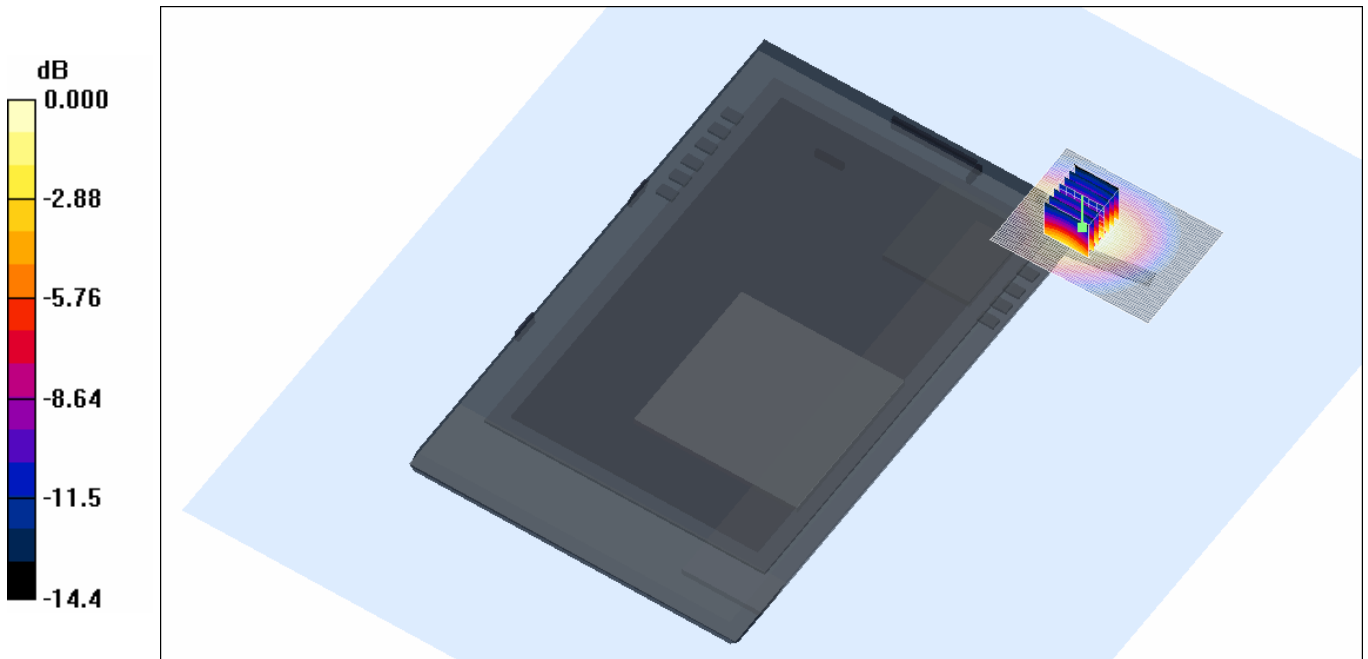
Channel 512 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.3 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.51 mW/g; SAR(10 g) = 0.895 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

SAR MEASUREMENT PLOT 7

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 27 August 2008

File Name: Tablet 1900 MHz GPRS Class 12 Antenna Out 27-08-08.da4

DUT: Fujitsu Tablet Oneya 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; $\sigma = 1.49$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)

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

Channel 661 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.65 mW/g

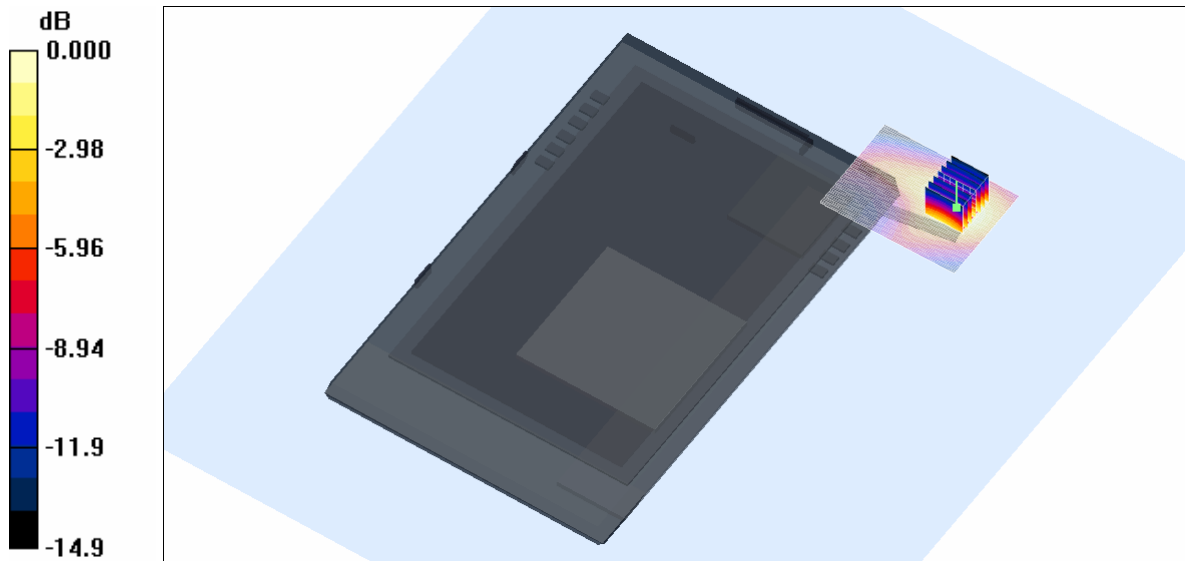
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 1.51 mW/g; SAR(10 g) = 0.890 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

SAR MEASUREMENT PLOT 8

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %



Test Date: 27 August 2008

File Name: Tablet 1900 MHz GPRS Class 12 Antenna Out 27-08-08.da4

DUT: **Fujitsu Tablet Oneya 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; $\sigma = 1.51$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 810 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.62 mW/g

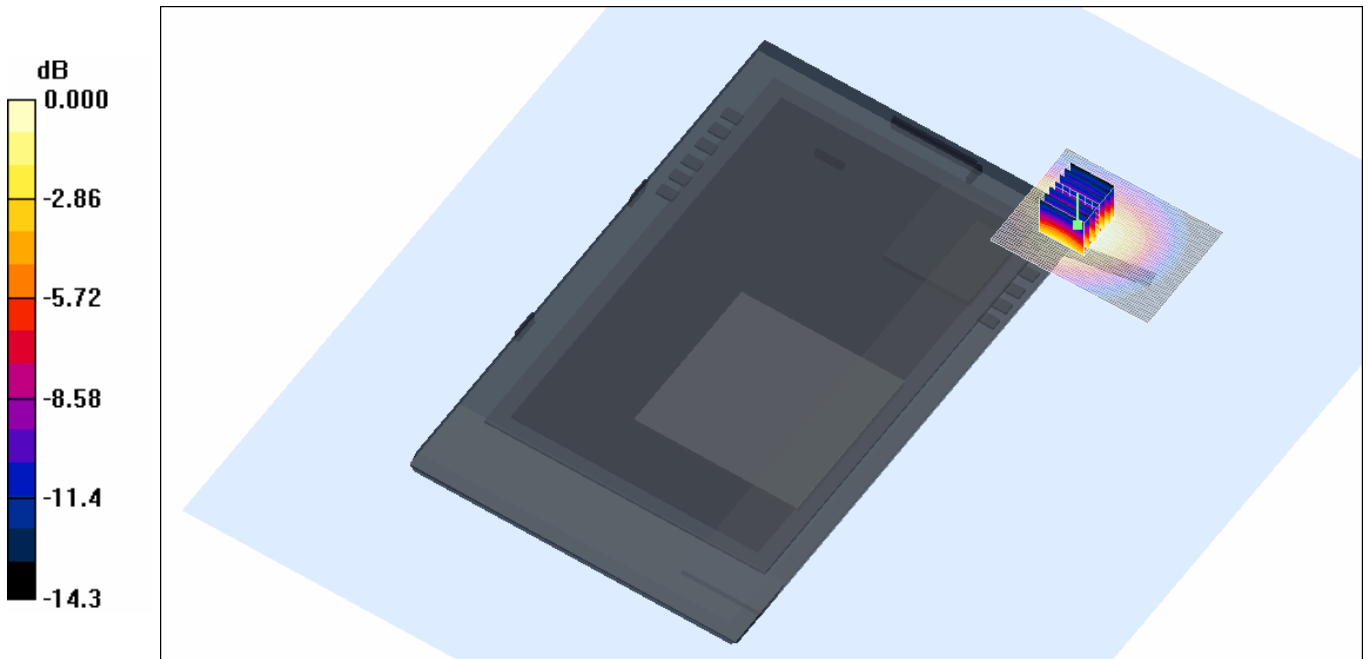
Channel 810 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.8 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.882 mW/g

Maximum value of SAR (measured) = 1.57 mW/g



0 dB = 1.57mW/g

SAR MEASUREMENT PLOT 9

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 27 August 2008

File Name: Tablet 1900 MHz GPRS Class 10 Antenna Out 27-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 1881$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 661 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.990 mW/g

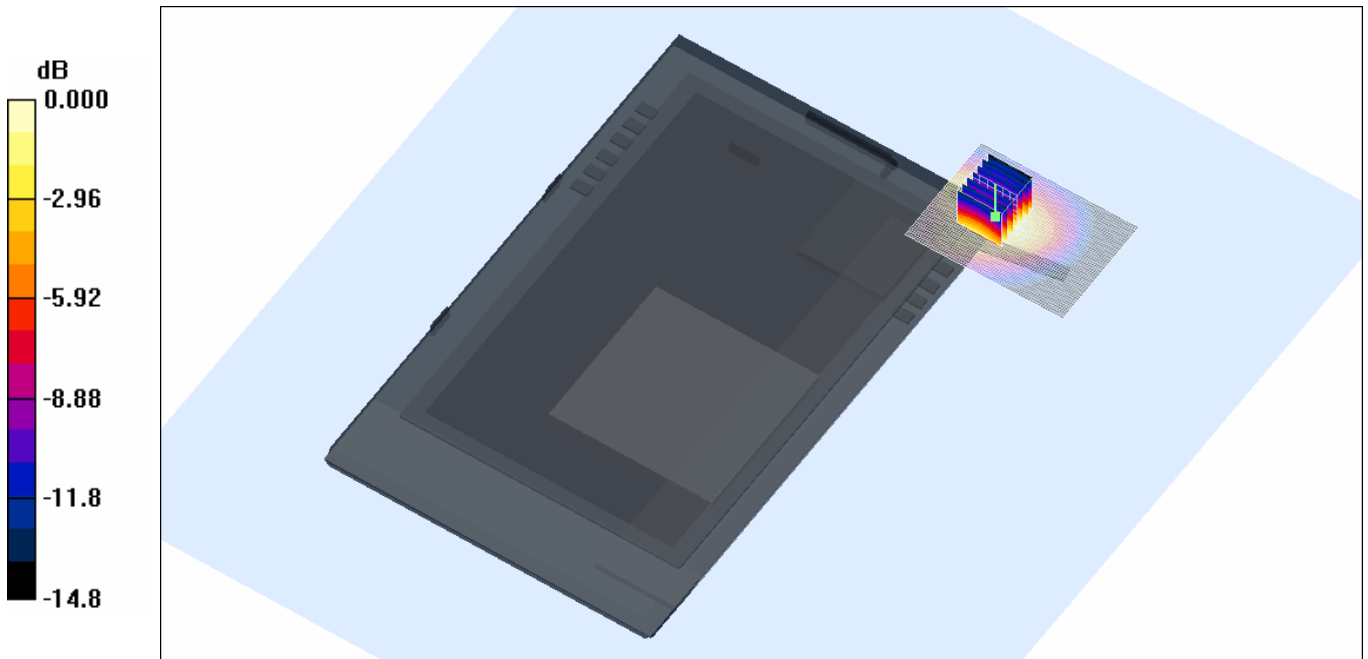
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.3 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.527 mW/g

Maximum value of SAR (measured) = 0.976 mW/g



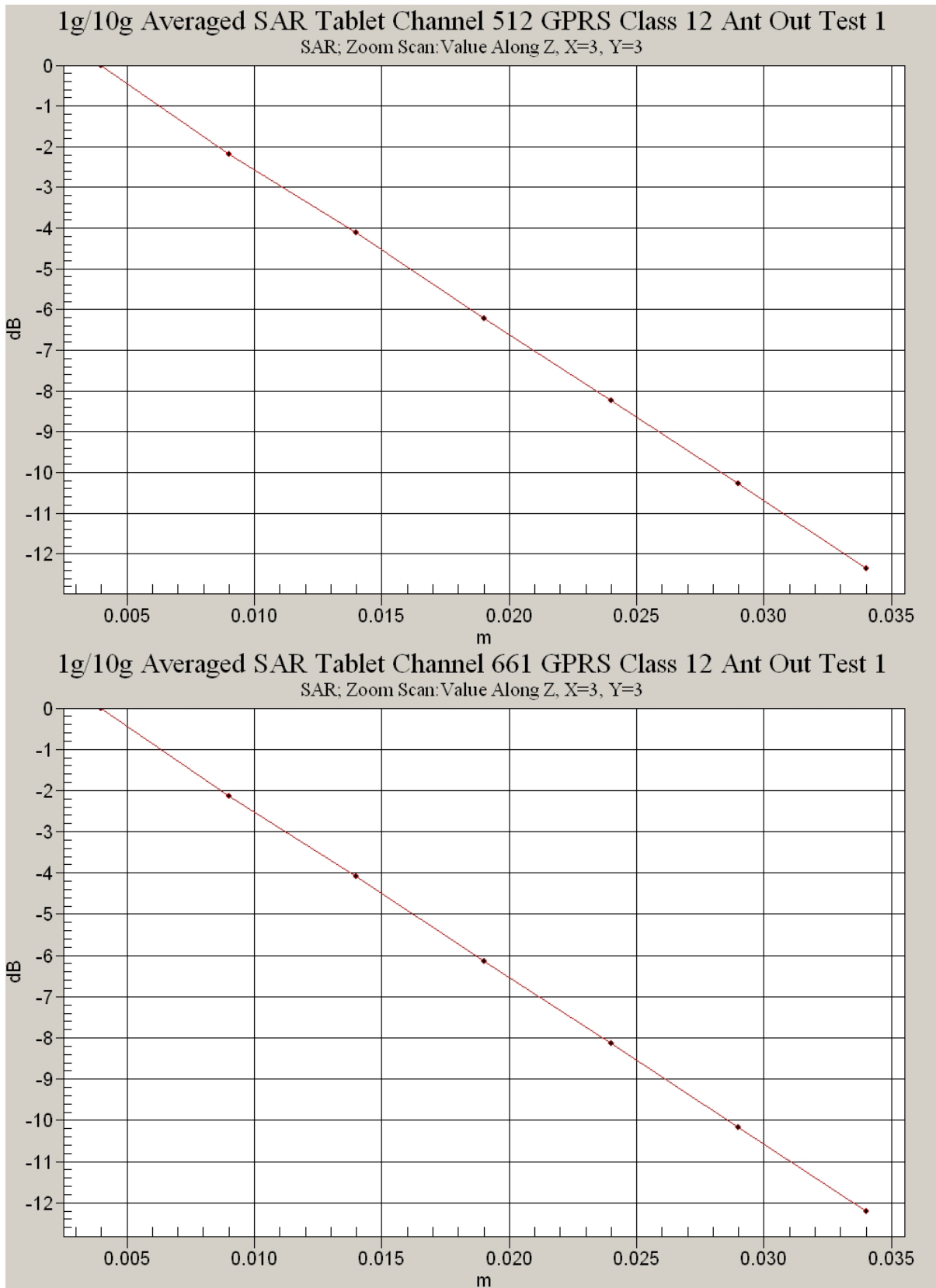
0 dB = 0.976mW/g

SAR MEASUREMENT PLOT 10

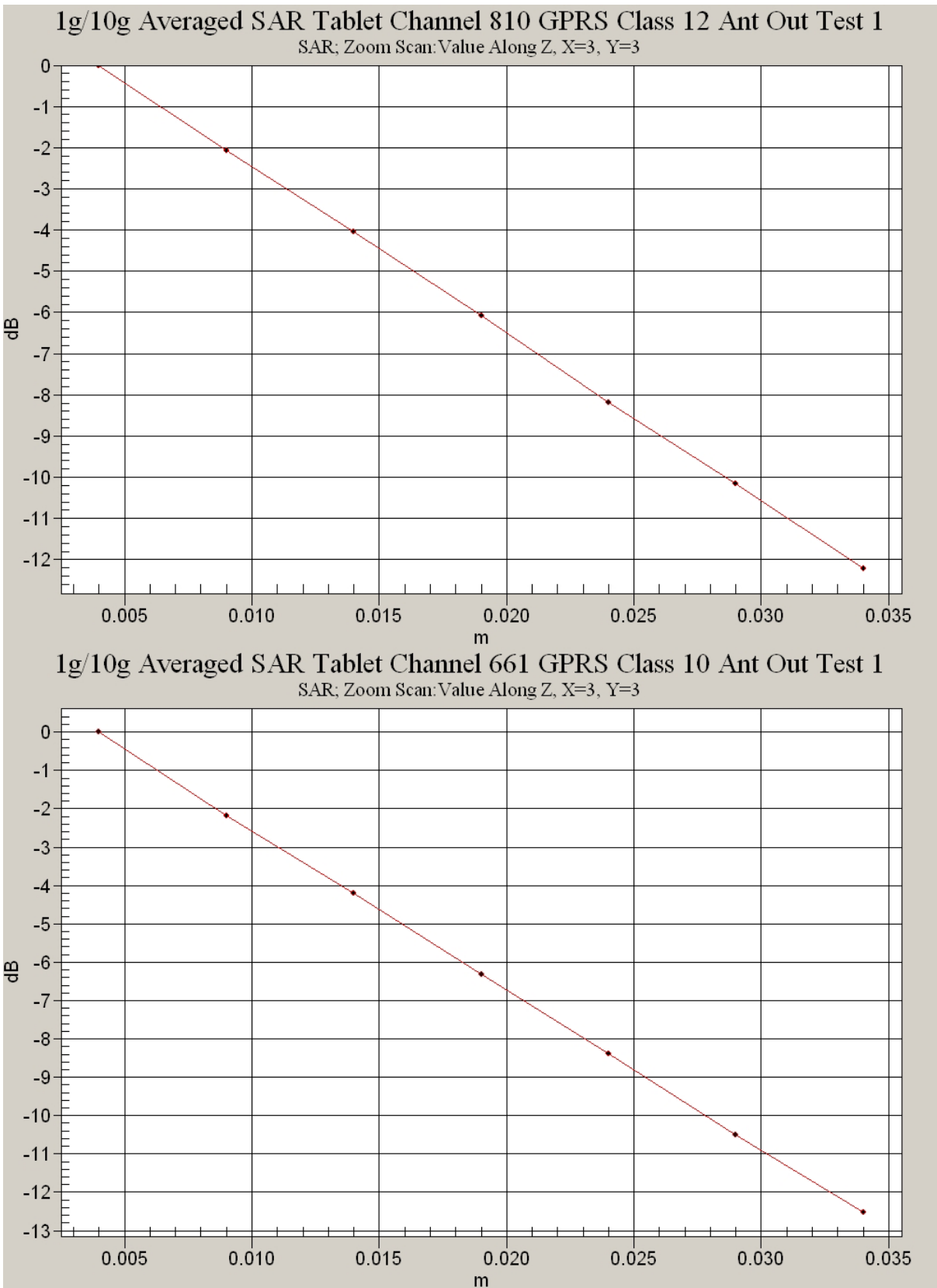
Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %





This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au

Test Date: 27 August 2008

File Name: Tablet 1900 MHz GPRS Class 11 Antenna Out 27-08-08.da4

DUT: **Fujitsu Tablet Oneya 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; $\sigma = 1.49$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 661 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.44 mW/g

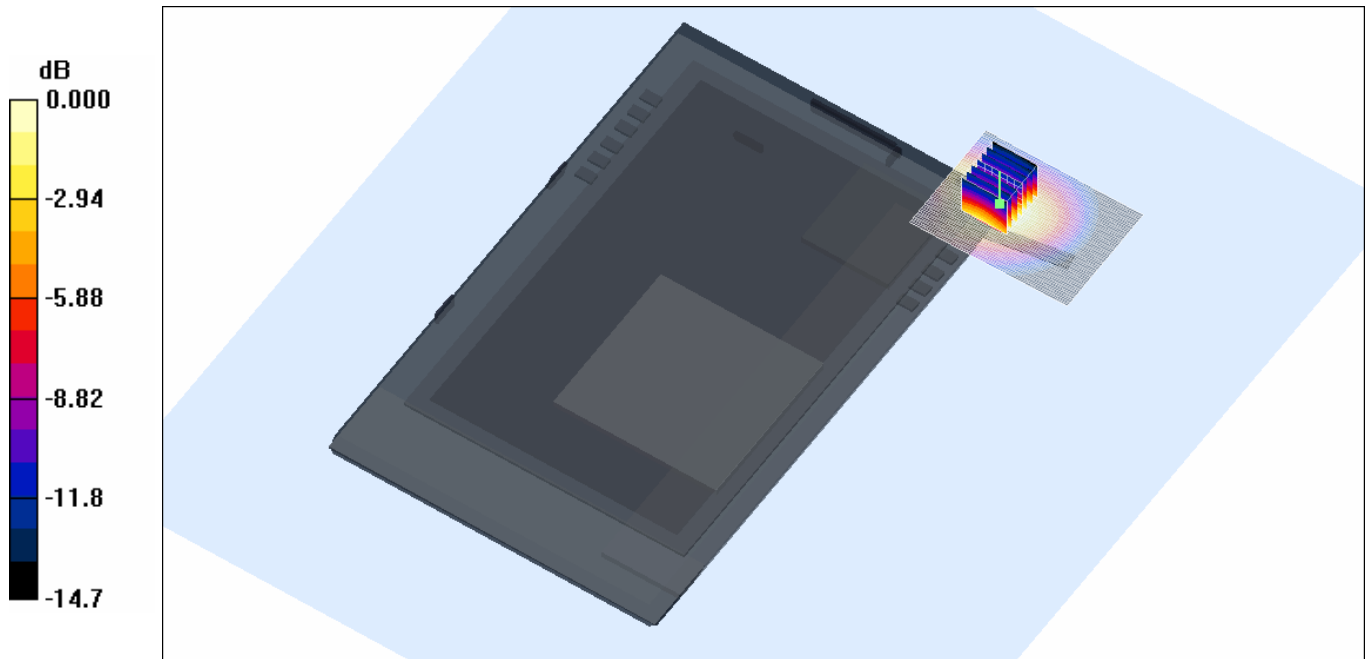
Channel 661 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.1 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.771 mW/g

Maximum value of SAR (measured) = 1.42 mW/g



SAR MEASUREMENT PLOT 11

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %



Test Date: 27 August 2008

File Name: Tablet 1900 MHz GPRS Class 12 Antenna In 27-08-08.da4

DUT: **Fujitsu Tablet Oneya 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; $\sigma = 1.49$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 661 Test/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.007 mW/g

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

Reference Value = 2.00 V/m; Power Drift = -2.92 dB

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00581 mW/g; SAR(10 g) = 0.00286 mW/g

Maximum value of SAR (measured) = 0.007 mW/g



0 dB = 0.007mW/g

SAR MEASUREMENT PLOT 12

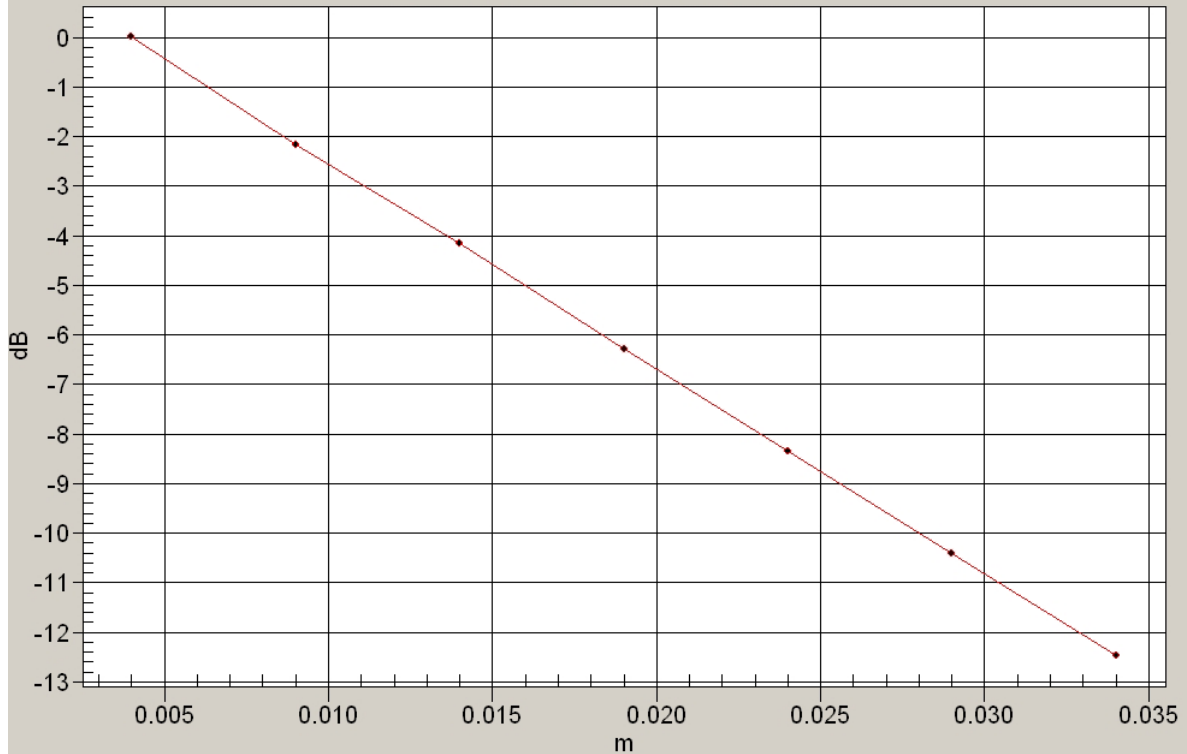
Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %



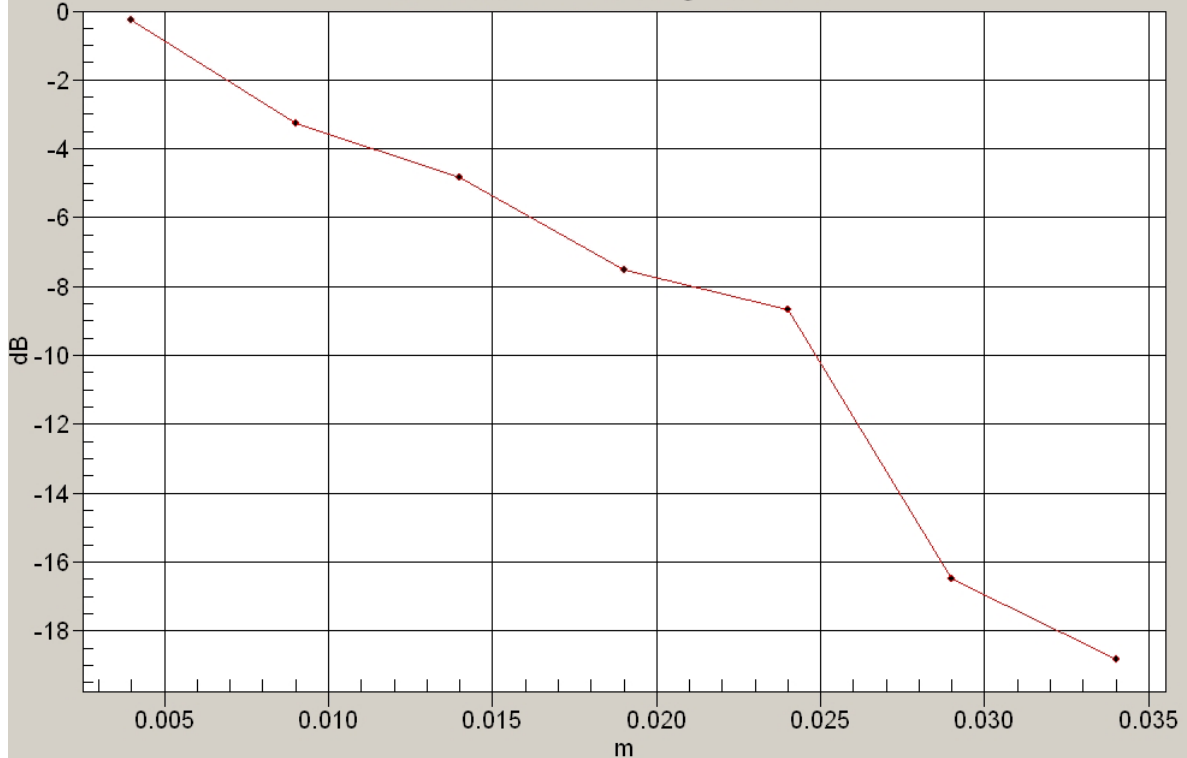
1g/10g Averaged SAR Tablet Channel 661 GPRS Class 11 Ant Out Test 1

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



1g/10g Averaged SAR Tablet Channel 661 GPRS Class 12 Ant In Test 1

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



Test Date: 1 September 2008

File Name: Tablet 850 MHz 3G Antenna Out 01-09-08.da4

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

- * Communication System: 850 MHz 3G; Frequency: 826.4 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 826 \text{ MHz}$; $\sigma = 0.984 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 4132 Test/Area Scan (71x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.899 mW/g

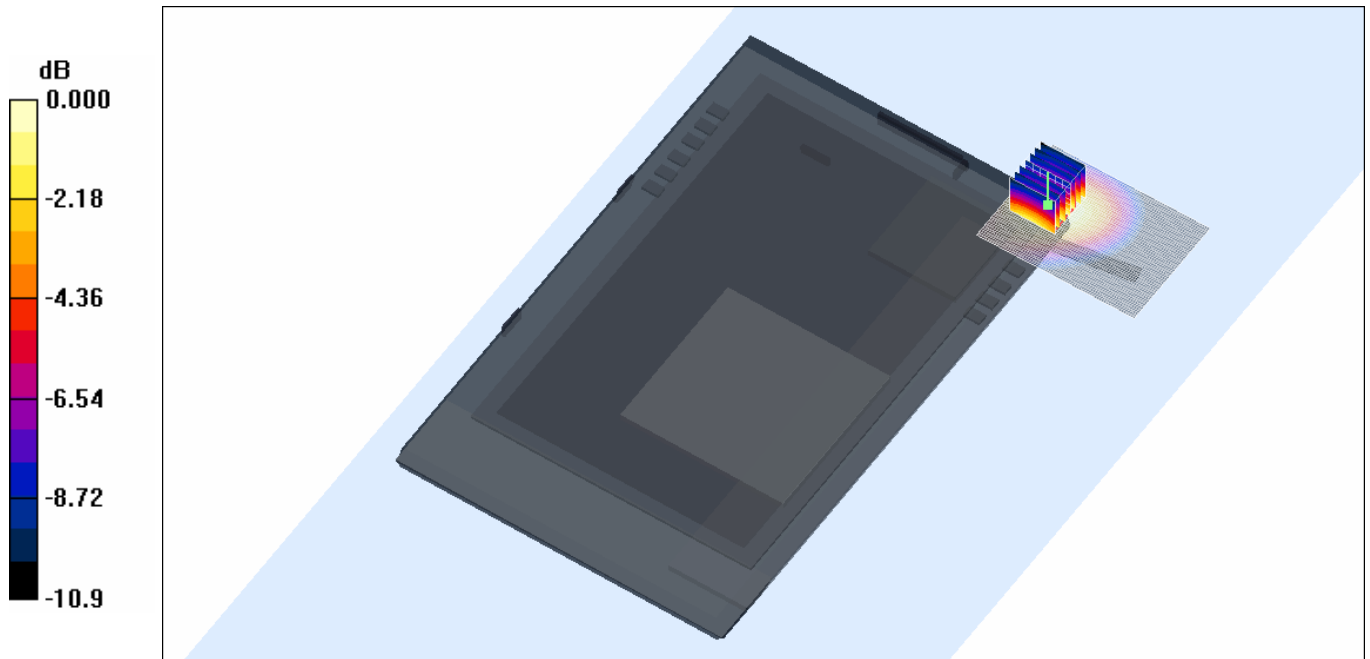
Channel 4132 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.0 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 0.897 mW/g



0 dB = 0.897mW/g

SAR MEASUREMENT PLOT 13

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
43.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 1 September 2008

File Name: Tablet 850 MHz 3G Antenna Out 01-09-08.da4

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

- * Communication System: 850 MHz 3G; Frequency: 836.6 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 4183 Test/Area Scan (71x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.902 mW/g

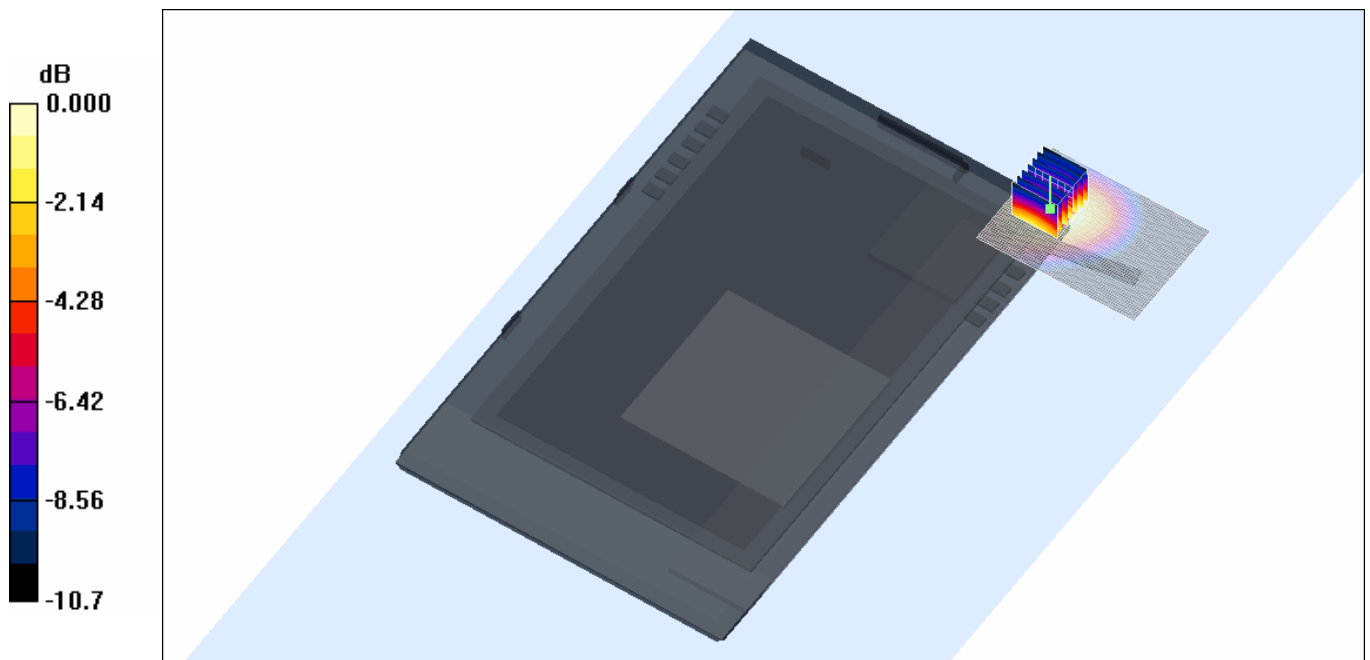
Channel 4183 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.7 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 0.885 mW/g



0 dB = 0.885mW/g

SAR MEASUREMENT PLOT 14

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
43.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 1 September 2008

File Name: Tablet 850 MHz 3G Antenna Out 01-09-08.da4

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

- * Communication System: 850 MHz 3G; Frequency: 846.6 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 846 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.03, 6.03, 6.03)
- Phantom: Flat Phantom 9.1; Serial: P 9.1; Phantom section: Flat 2.2 Section

Channel 4233 Test/Area Scan (71x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.00 mW/g

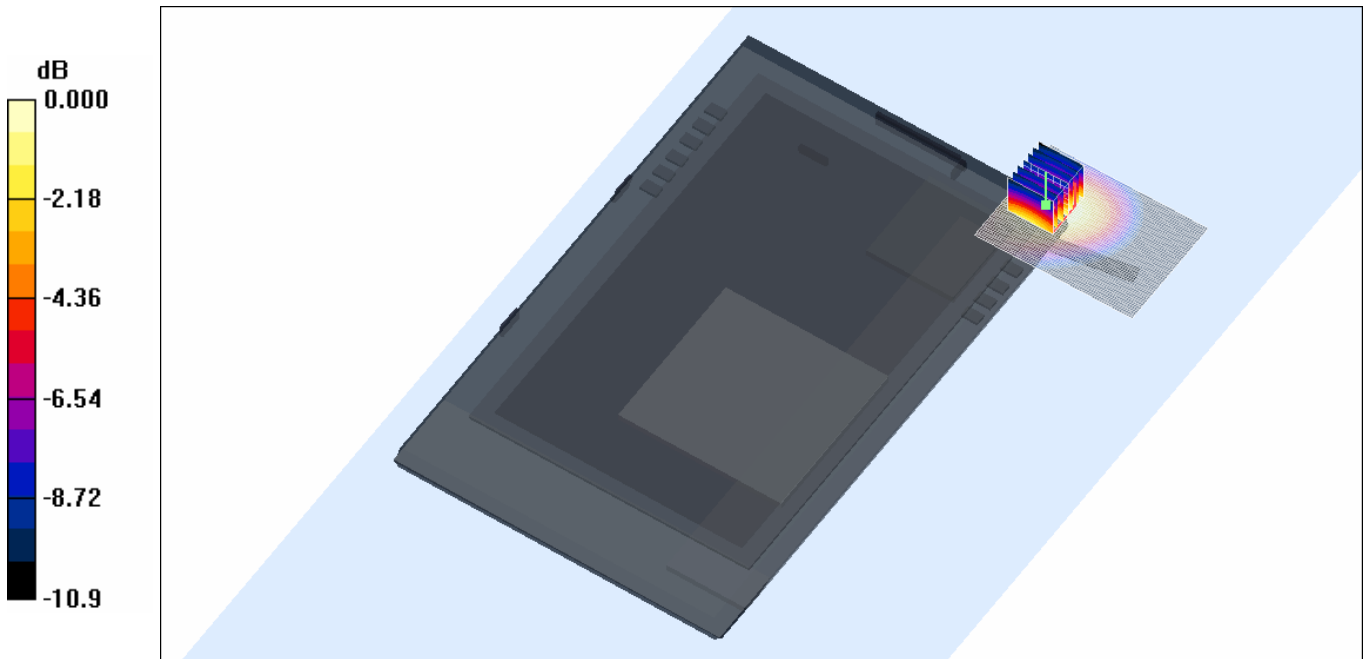
Channel 4233 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.0 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.605 mW/g

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



SAR MEASUREMENT PLOT 15

Ambient Temperature
Liquid Temperature
Humidity

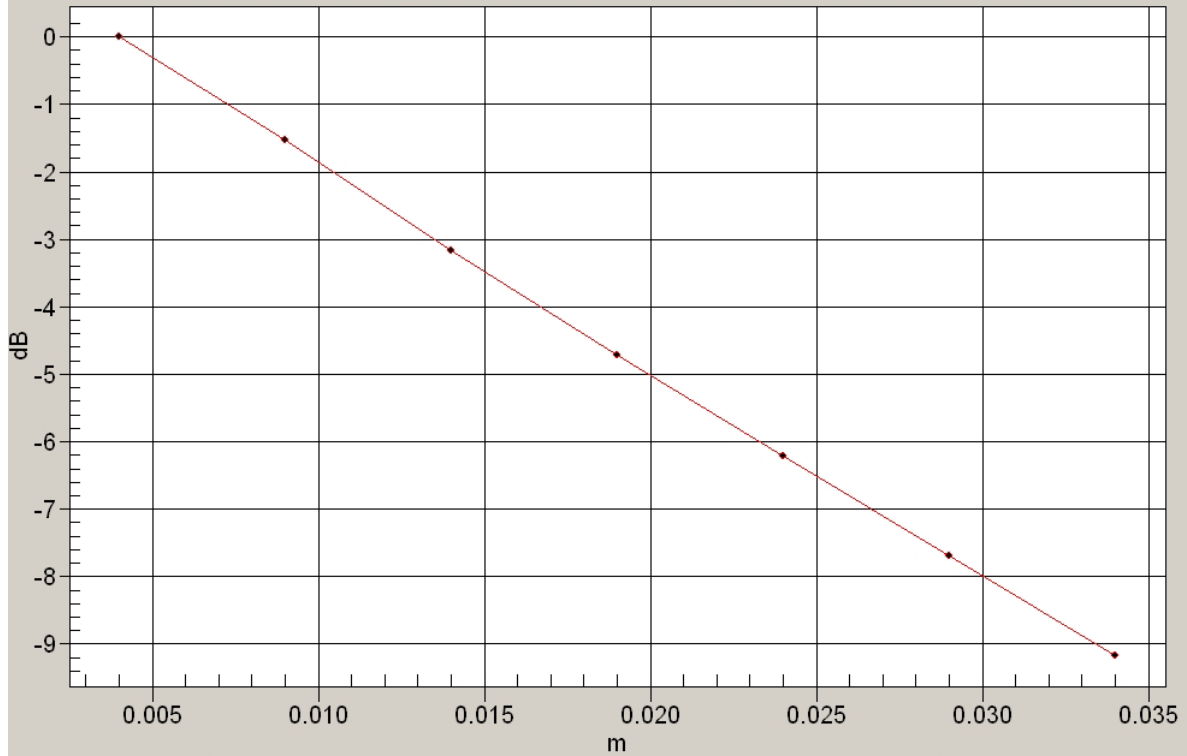
20.4 Degrees Celsius
20.1 Degrees Celsius
43.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

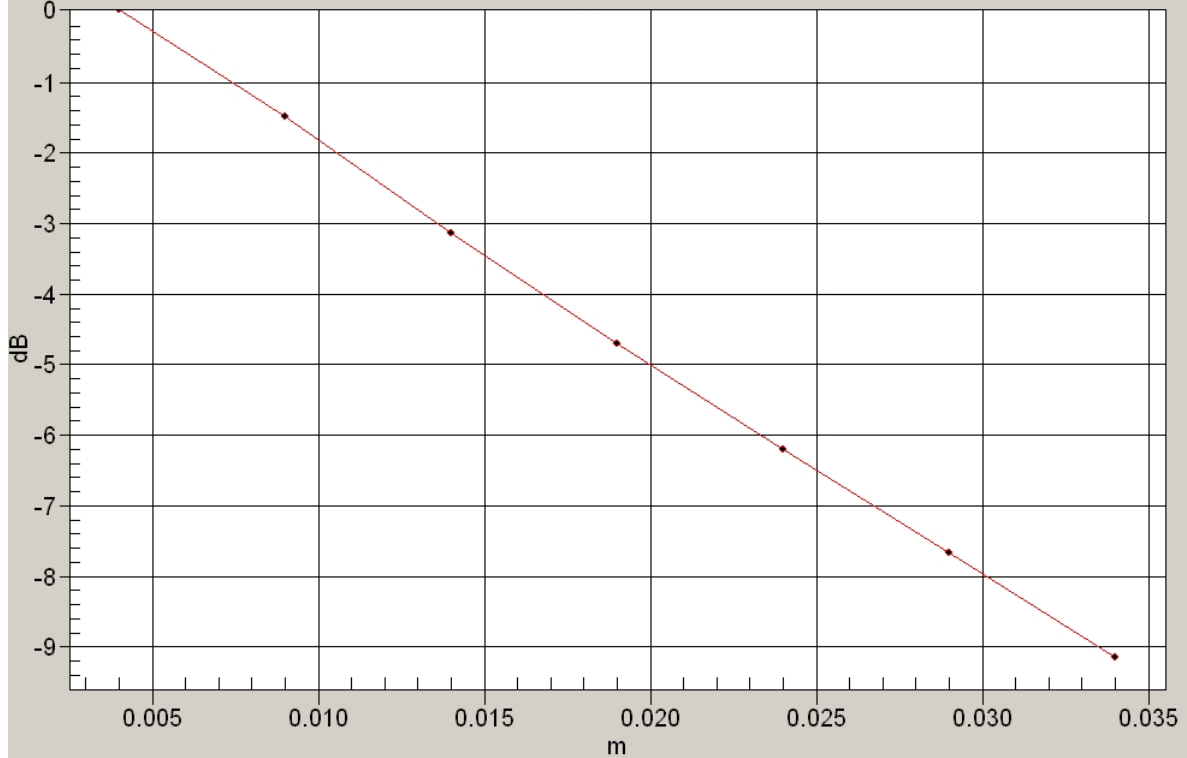
1g/10g Averaged SAR Tablet Channel 4132 Antenna Out Test 1

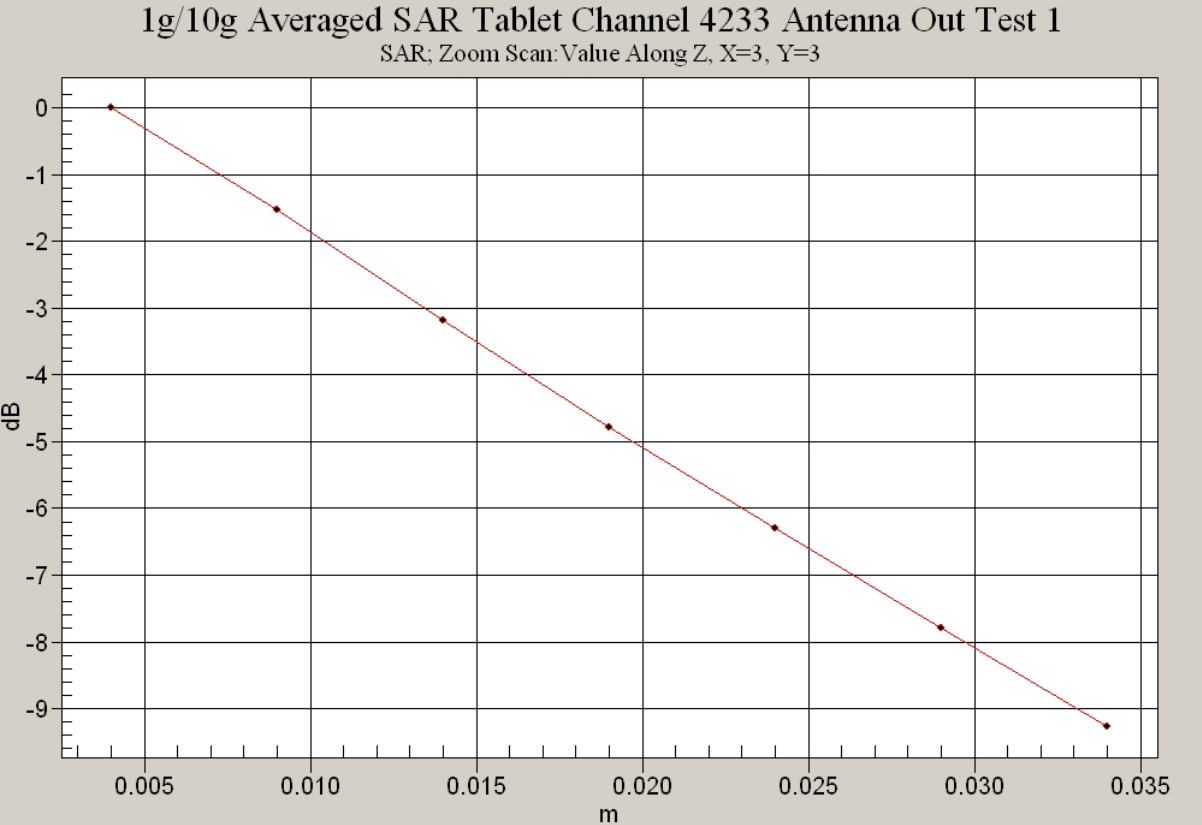
SAR; Zoom Scan: Value Along Z, X=3, Y=3



1g/10g Averaged SAR Tablet Channel 4183 Antenna Out Test 1

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





This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au

Test Date: 27 August 2008

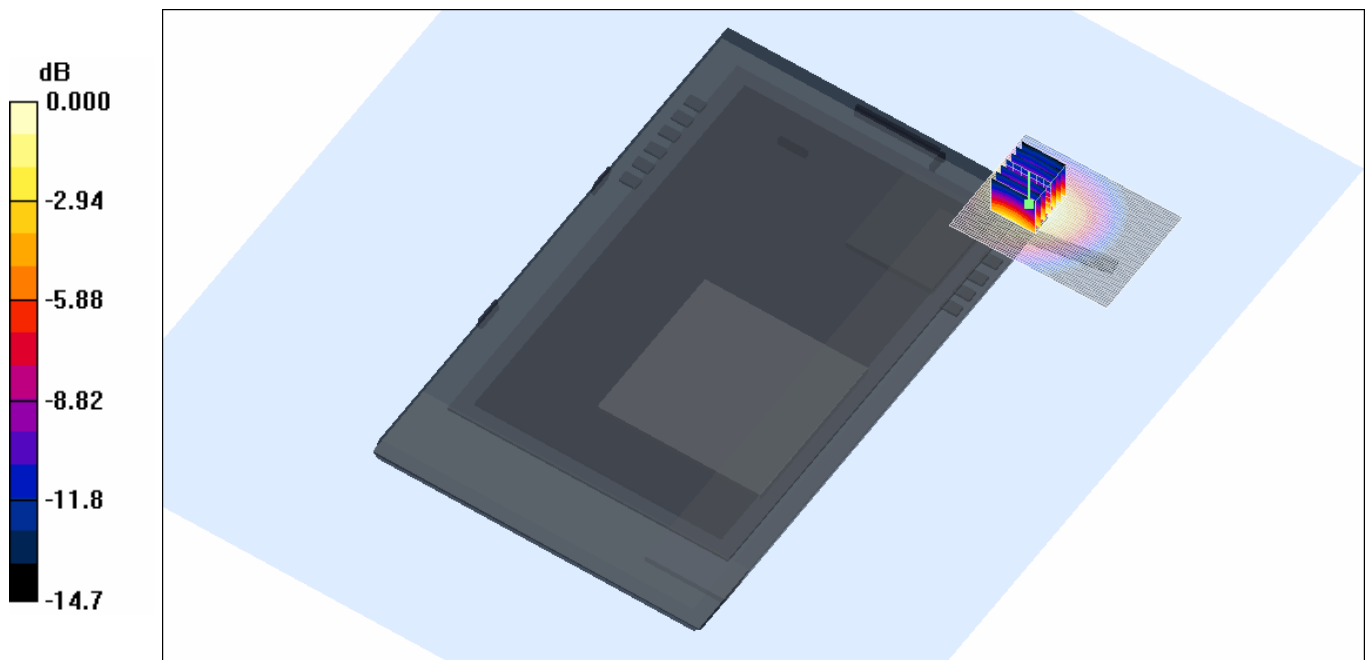
File Name: Tablet 1900 MHz 3G Antenna Out 27-08-08.da4

DUT: Fujitsu Tablet Oneya 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: $f = 1852.4$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 9262 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.06 mW/g

Channel 9262 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.3 V/m; Power Drift = -0.005 dB
 Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.576 mW/g
 Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07mW/g

SAR MEASUREMENT PLOT 16

Ambient Temperature
 Liquid Temperature
 Humidity

20.1 Degrees Celsius
 19.8 Degrees Celsius
 45.0 %



Test Date: 27 August 2008

File Name: Tablet 1900 MHz 3G Antenna Out 27-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 1881$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 9400 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 mW/g

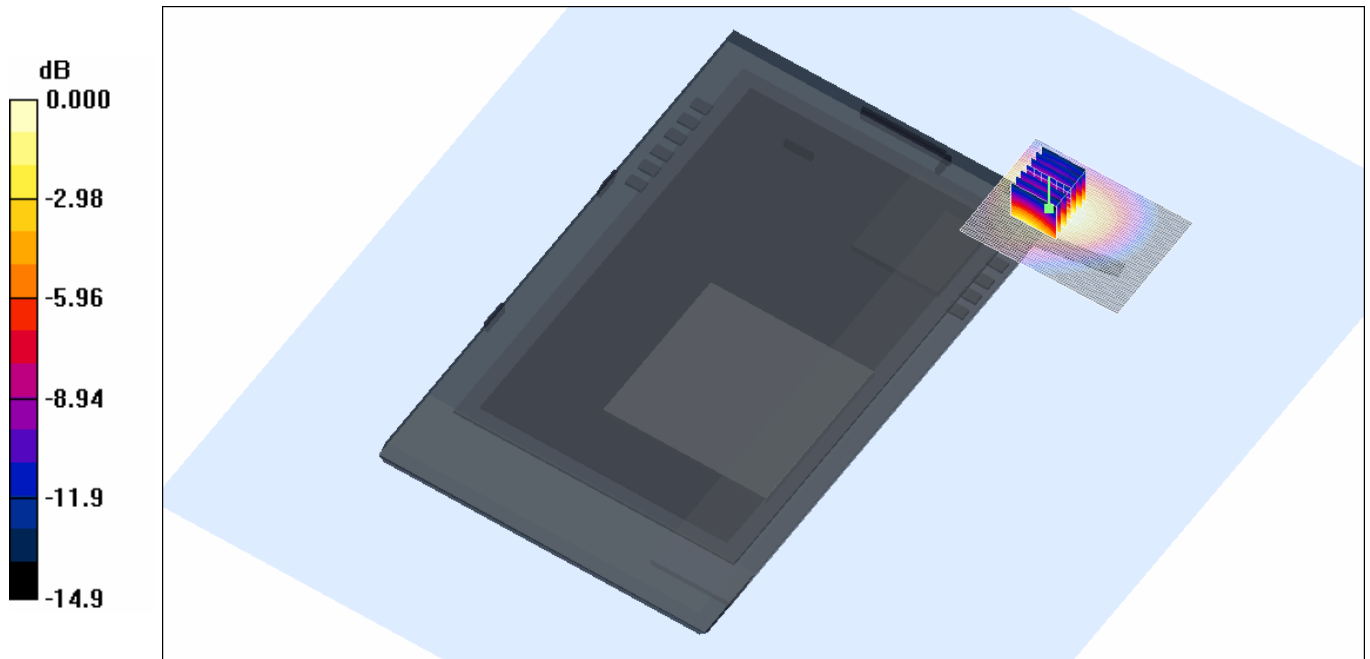
Channel 9400 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.587 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

SAR MEASUREMENT PLOT 17

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 27 August 2008

File Name: Tablet 1900 MHz 3G Antenna Out 27-08-08.da4

DUT: **Fujitsu Tablet Oneya 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: $f = 1907$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(4.79, 4.79, 4.79)
- Phantom: Flat Phantom 10.1; Serial: P 10.1; Phantom section: Flat 2.2 Section

Channel 9538 Test/Area Scan (71x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 mW/g

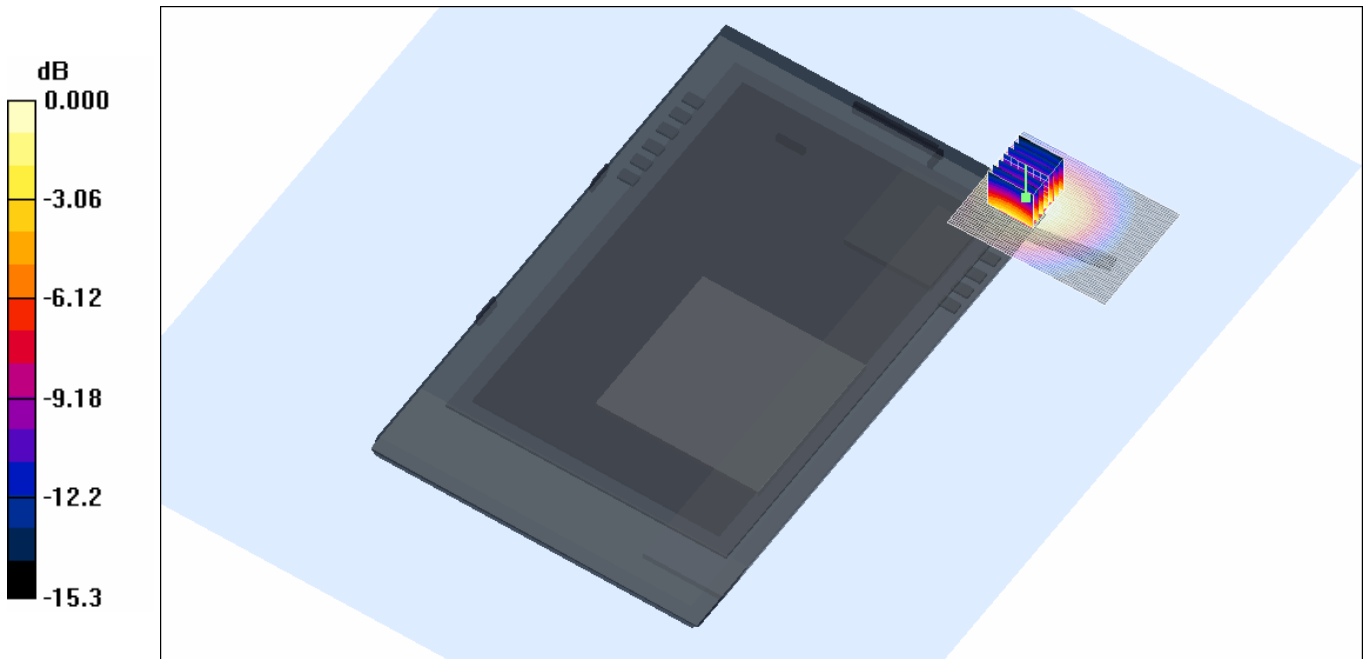
Channel 9538 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



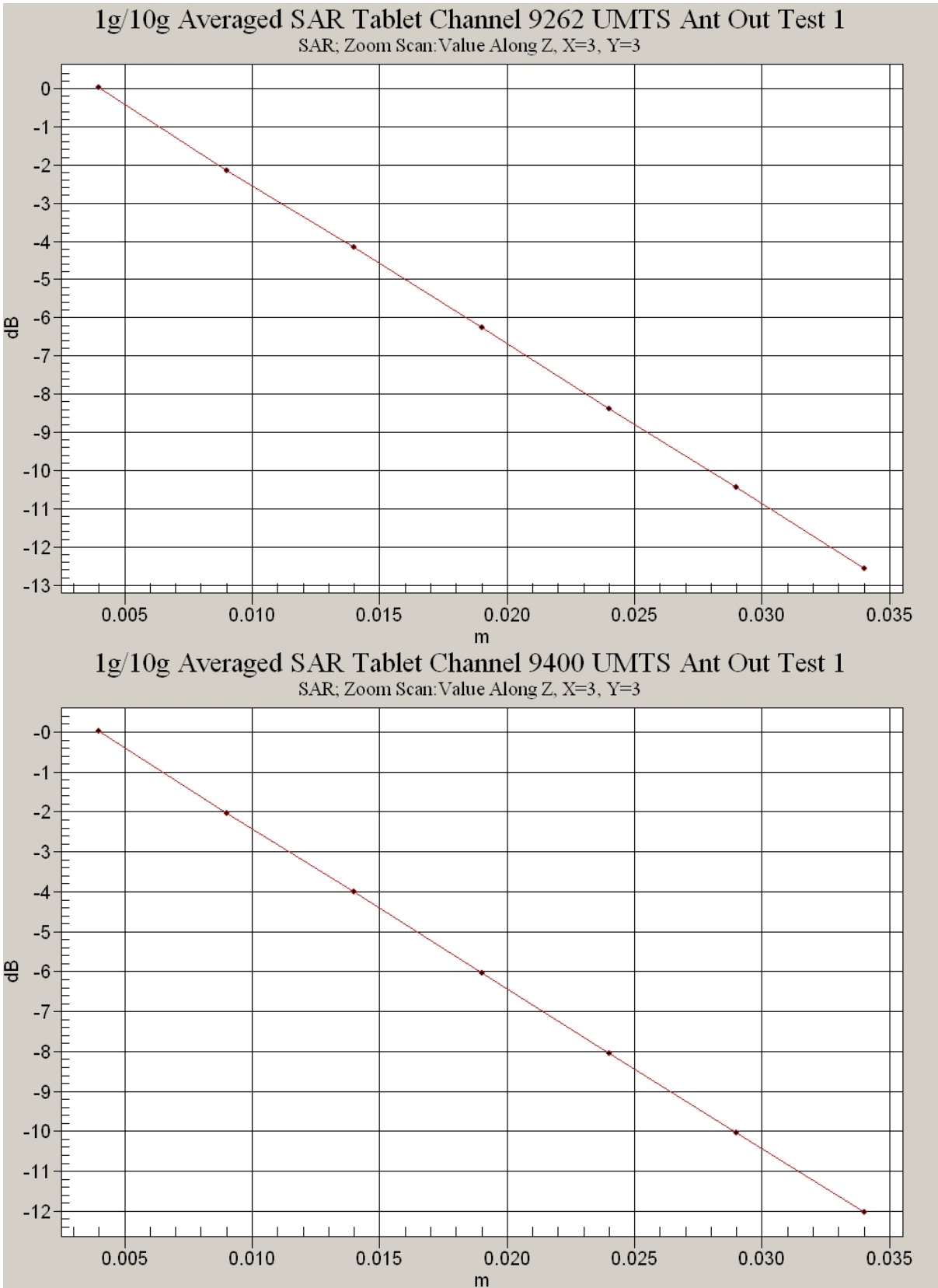
0 dB = 1.00mW/g

SAR MEASUREMENT PLOT 18

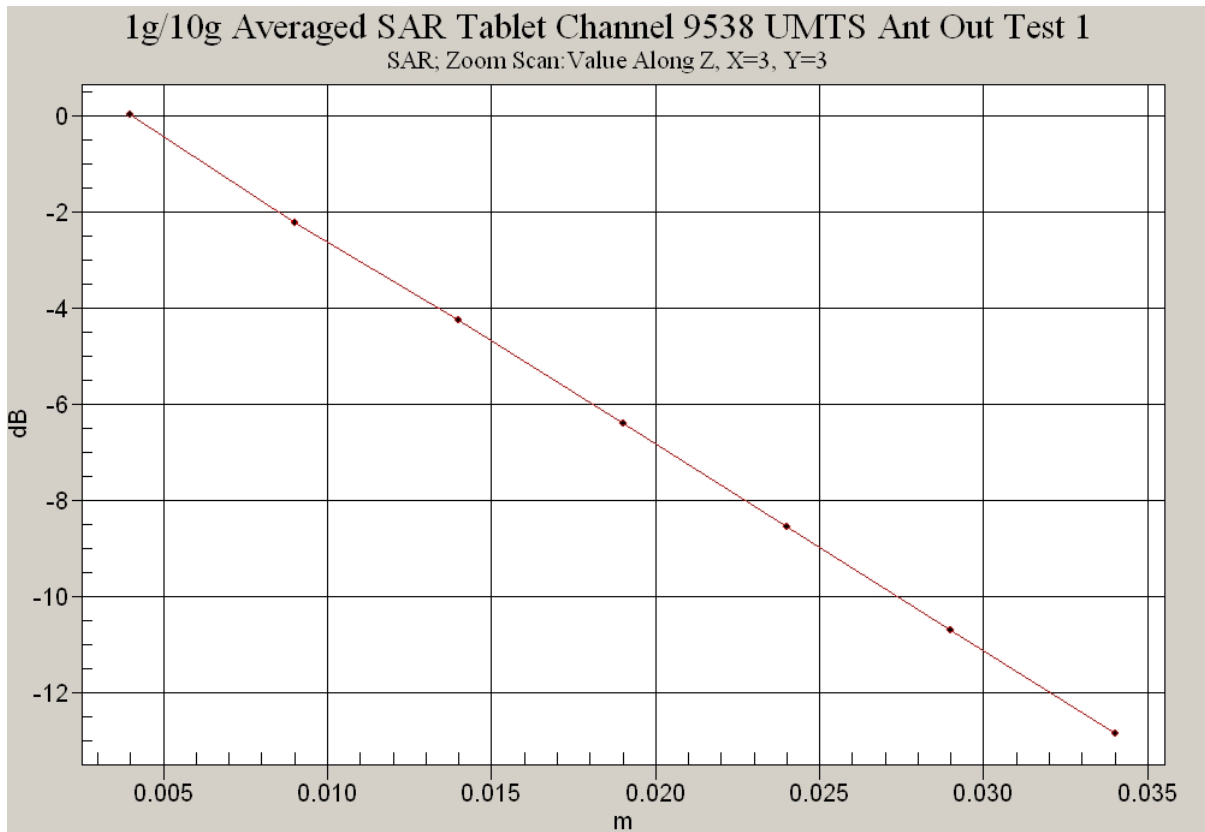
Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %





This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

DASY4 Configuration for Tablet Position/Channel 190 Test/Volume Scan:

Date/Time: 11/09/2008 5:50:52 PM

Test Laboratory: EMC Technologies

File Name: [Tablet 850 MHz GPRS Class 10 Antenna Out Multiband 11-09-08.da4](#)

DUT: Fujitsu Tablet Oneya with SP 3x3 abgn; Type: HMW_533AN; Serial: MAC: 0016EA16277E

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

Medium: Body 900 MHz Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.988 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat 2.2 Section

Measurement Standard: DASY4 (High Precision Assessment)

- Probe: EX3DV4 - SN3563; ConvF(8.38, 8.38, 8.38); Calibrated: 14/07/2008
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 24/07/2008
- Phantom: Flat Phantom 10.1; Type: Flat Phantom 10.1; Serial: P 10.1
- Measurement SW: DASY4, V4.7 Build 53

DASY4 Configuration for Tablet Position/Channel 64 Test/Volume Scan:

Date/Time: 11/09/2008 10:42:59 AM

Test Laboratory: EMC Technologies

File Name: [Tablet OFDM 5.2 GHz Antenna A Multiband 11-09-08.da4](#)

DUT: Fujitsu Tablet Oneya with SP 3x3 abgn; Type: HMW_533AN; Serial: MAC: 0016EA16277E

Communication System: OFDM 5250 MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: Body 5200 MHz Medium parameters used: $f = 5318 \text{ MHz}$; $\sigma = 5.33 \text{ mho/m}$; $\epsilon_r = 44.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat 2.2 Section

Measurement Standard: DASY4 (High Precision Assessment)

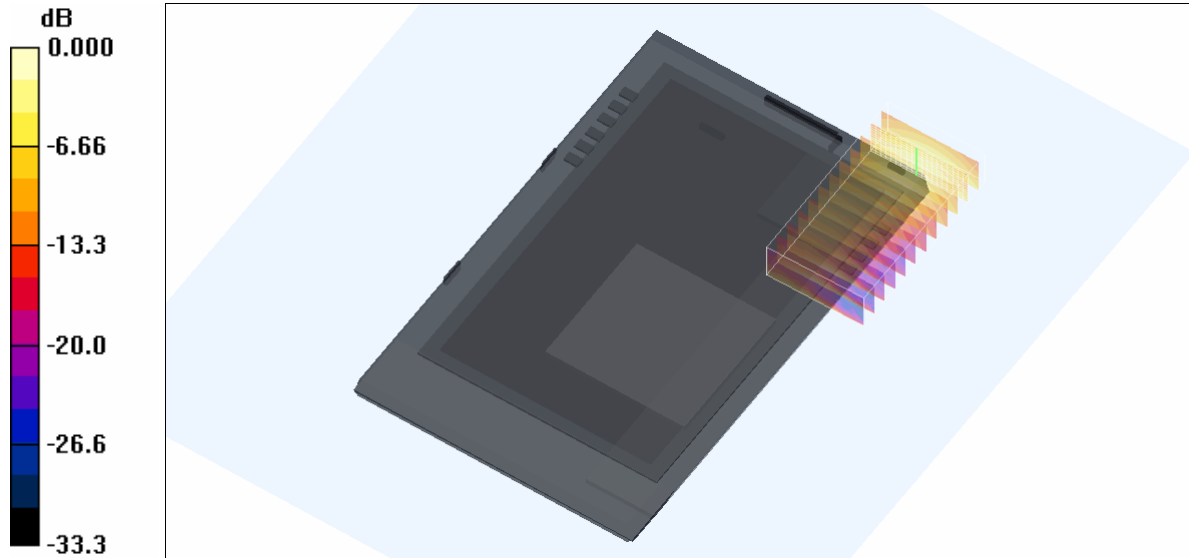
- Probe: EX3DV4 - SN3563; ConvF(3.72, 3.72, 3.72); Calibrated: 14/07/2008
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn442; Calibrated: 24/07/2008
- Phantom: Flat Phantom 10.1; Type: Flat Phantom 10.1; Serial: P 10.1
- Measurement SW: DASY4, V4.7 Build 53



Multi Band Result:

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.902 mW/g

Maximum value of SAR (measured) = 1.73 mW/g



0 dB = 1.73mW/g

SAR MEASUREMENT PLOT 19

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
35.0 %



Test Date: 31 August 2008

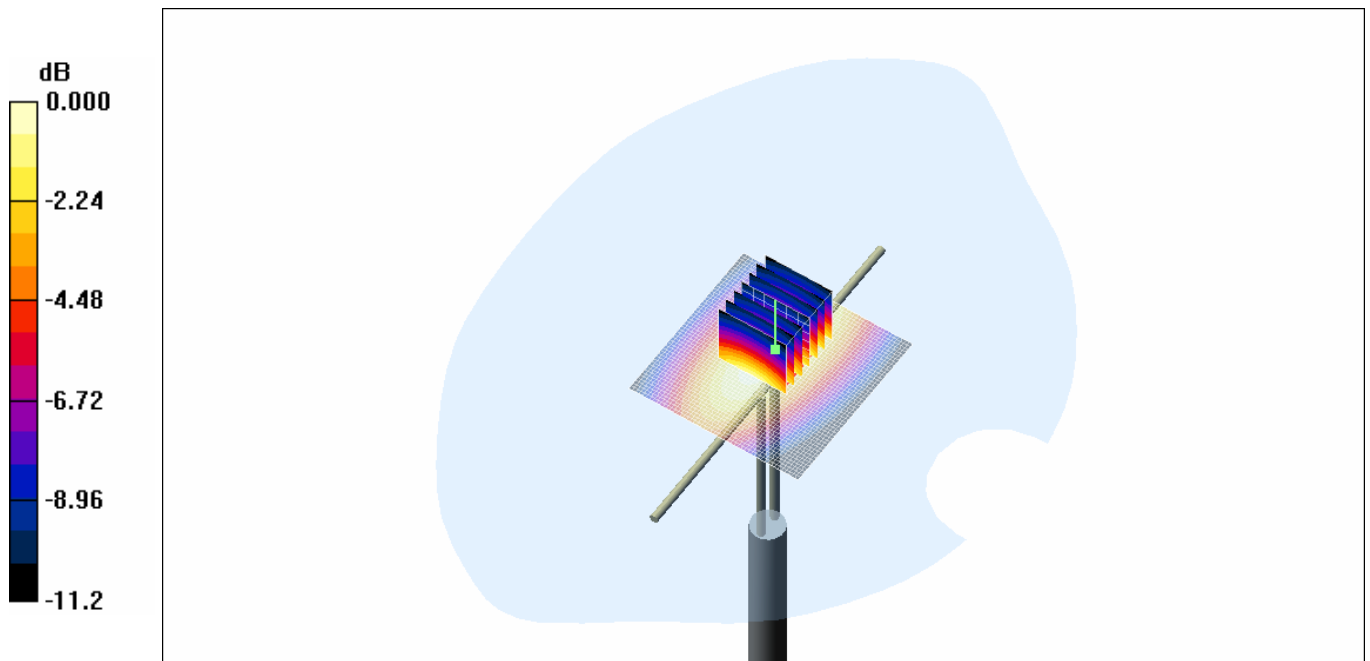
File Name: Validation 900 MHz (DAE442 Probe1380) 31-08-08.da4

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

- * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.3, 6.3, 6.3)
- Phantom: SAM 12; Serial: 1060; Phantom section: Flat Section

Channel 1 Test/Area Scan (51x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.81 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 56.2 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 3.80 W/kg
SAR(1 g) = 2.6 mW/g; SAR(10 g) = 1.67 mW/g
Maximum value of SAR (measured) = 2.85 mW/g



0 dB = 2.85mW/g

SAR MEASUREMENT PLOT 20

Ambient Temperature
Liquid Temperature
Humidity

20.5 Degrees Celsius
20.3 Degrees Celsius
51.0 %



Test Date: 1 September 2008

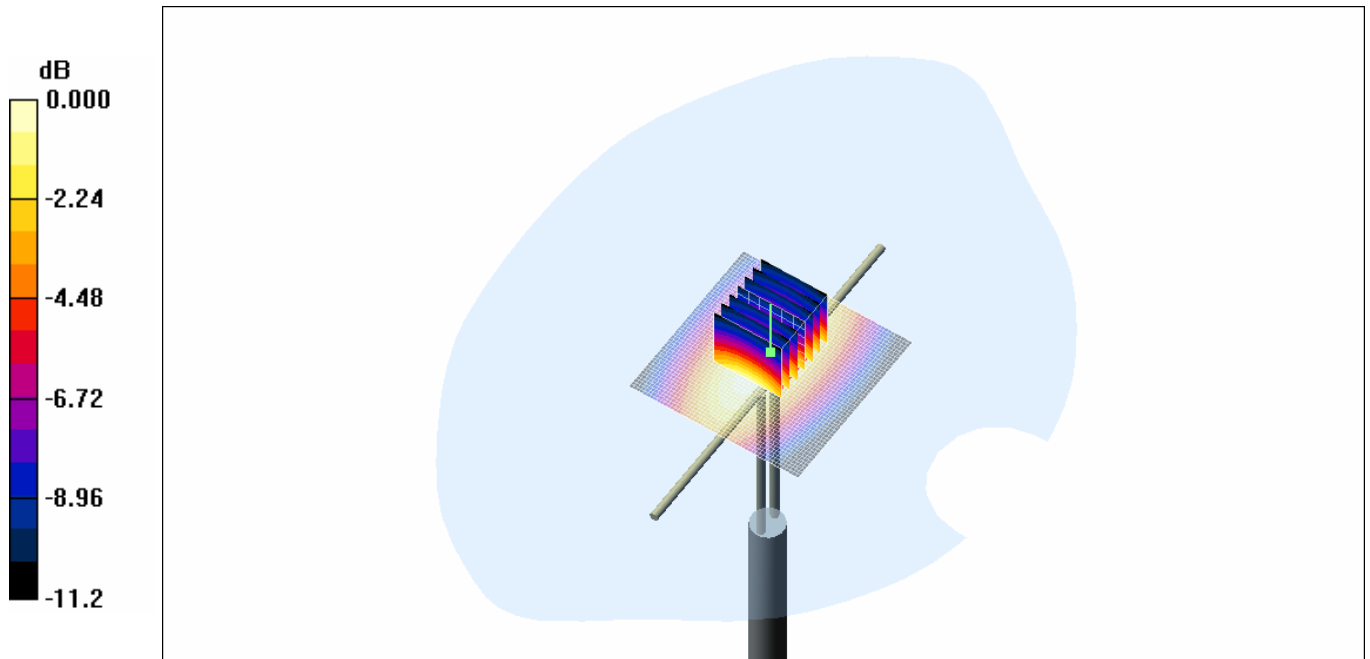
File Name: Validation 900 MHz (DAE442 Probe1380) 01-09-08.da4

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

- * Communication System: CW 900 MHz; Frequency: 900 MHz; Duty Cycle: 1:1
- * Medium parameters used: $f = 900$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(6.3, 6.3, 6.3)
- 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) = 2.83 mW/g

Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.6 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 3.83 W/kg
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.7 mW/g
Maximum value of SAR (measured) = 2.87 mW/g



0 dB = 2.87mW/g

SAR MEASUREMENT PLOT 21

Ambient Temperature
Liquid Temperature
Humidity

20.4 Degrees Celsius
20.1 Degrees Celsius
43.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 11 September 2008

File Name: Validation 900 MHz (DAE442 Probe1380) 11-09-08.da4

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

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

* Medium parameters used: f = 900 MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(8.3, 8.3, 8.3)

- 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) = 2.86 mW/g

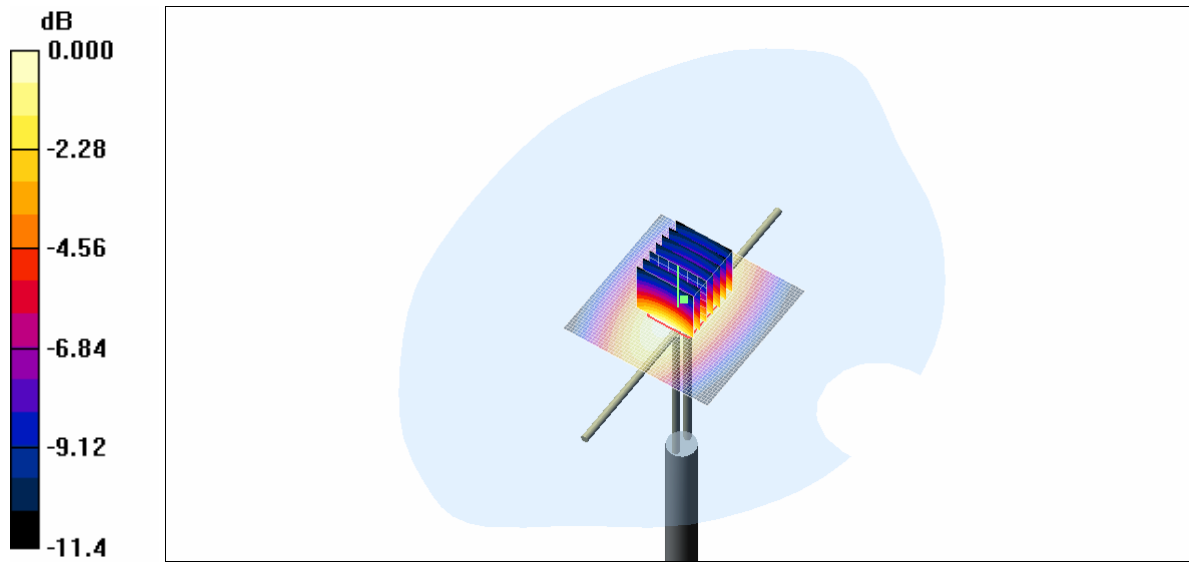
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.2 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.71 mW/g

Maximum value of SAR (measured) = 2.90 mW/g



SAR MEASUREMENT PLOT 22

Ambient Temperature

20.6 Degrees Celsius

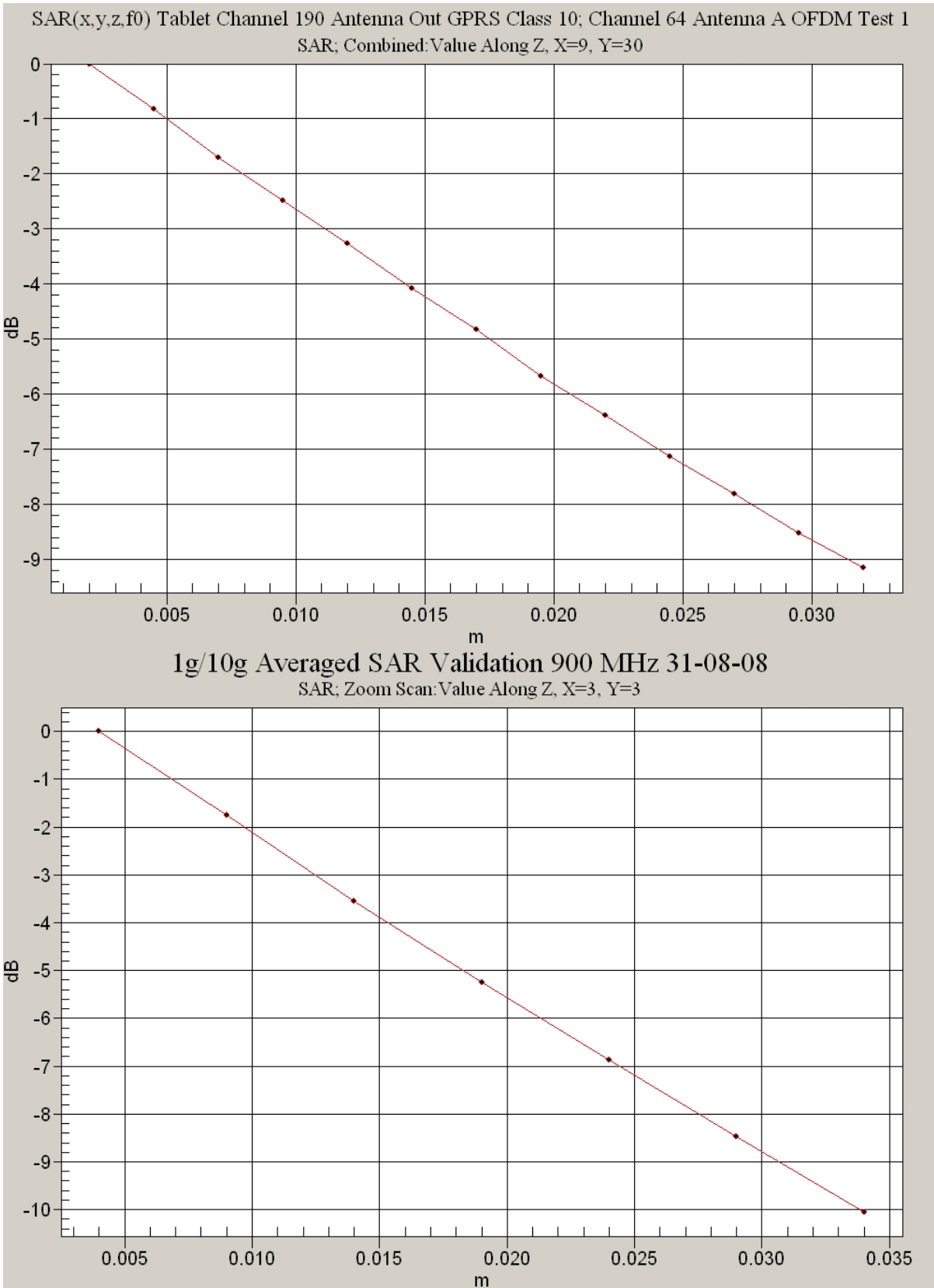
Liquid Temperature

20.2 Degrees Celsius

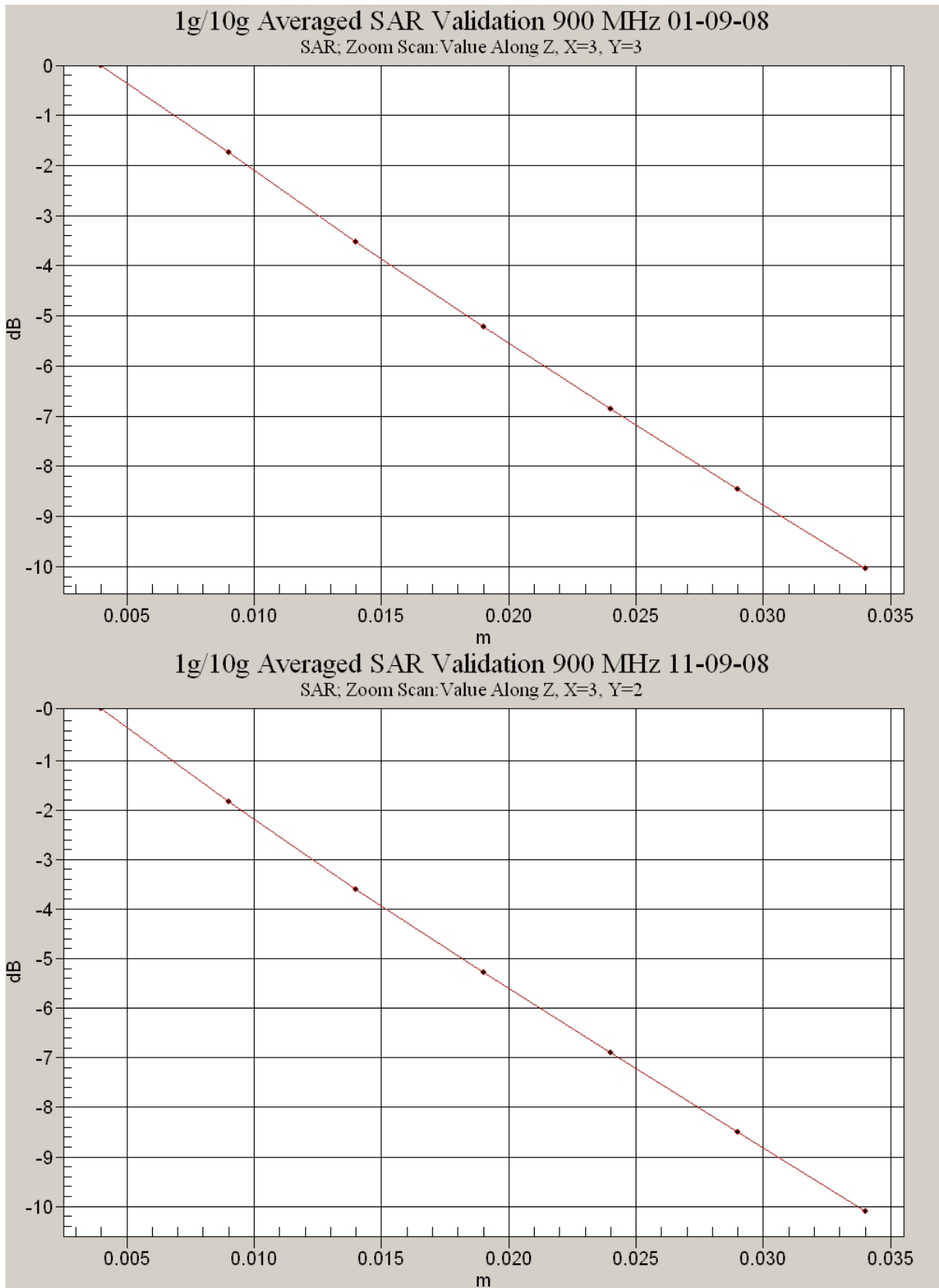
Humidity

35.0 %





This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full. www.emctech.com.au

Test Date: 27 August 2008

File Name: Validation 1800 MHz (DAE442 Probe1380) 27-08-08.da4

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

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

* Medium parameters used: $f = 1800.4$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: ET3DV6 - SN1380; ConvF(5.11, 5.11, 5.11)

- 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) = 11.3 mW/g

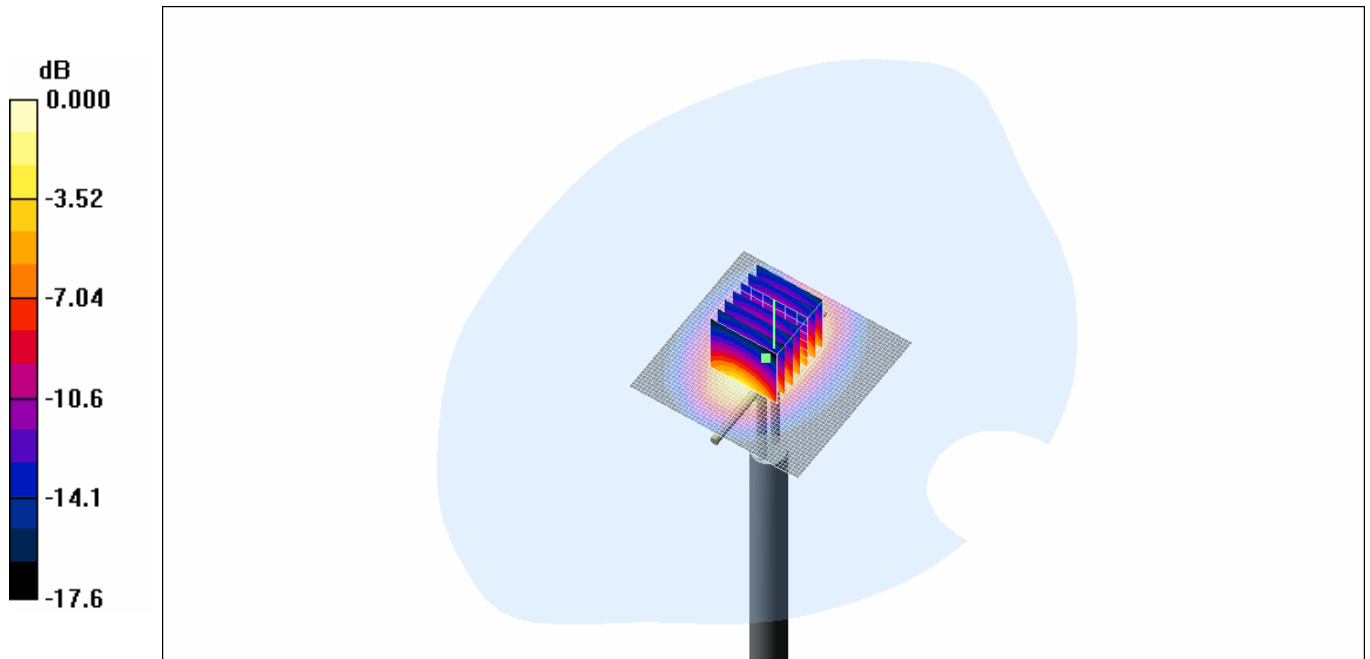
Channel 1 Test/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.6 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 9.29 mW/g; SAR(10 g) = 4.92 mW/g

Maximum value of SAR (measured) = 10.3 mW/g



0 dB = 10.3mW/g

SAR MEASUREMENT PLOT 23

Ambient Temperature
Liquid Temperature
Humidity

20.1 Degrees Celsius
19.8 Degrees Celsius
45.0 %



This document must not be copied or reproduced, except in full without the written permission of the Manager, EMC Technologies Pty Ltd. The certificate on page 3 may be reproduced in full.
www.emctech.com.au

Test Date: 11 September 2008

File Name: Validation 5200MHz (DAE 442 Probe EX3DV4) 11-09-08.da4

DUT: Dipole 5200_5800 MHz; Type: D5GHzV2; Serial: 1008

* Communication System: CW 5200 MHz; Frequency: 5200 MHz; Duty Cycle: 1:1

* Medium parameters used: $f = 5198$ MHz; $\sigma = 4.67$ mho/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(4.3, 4.3, 4.3)

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

Channel 1 Test/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 47.9 mW/g

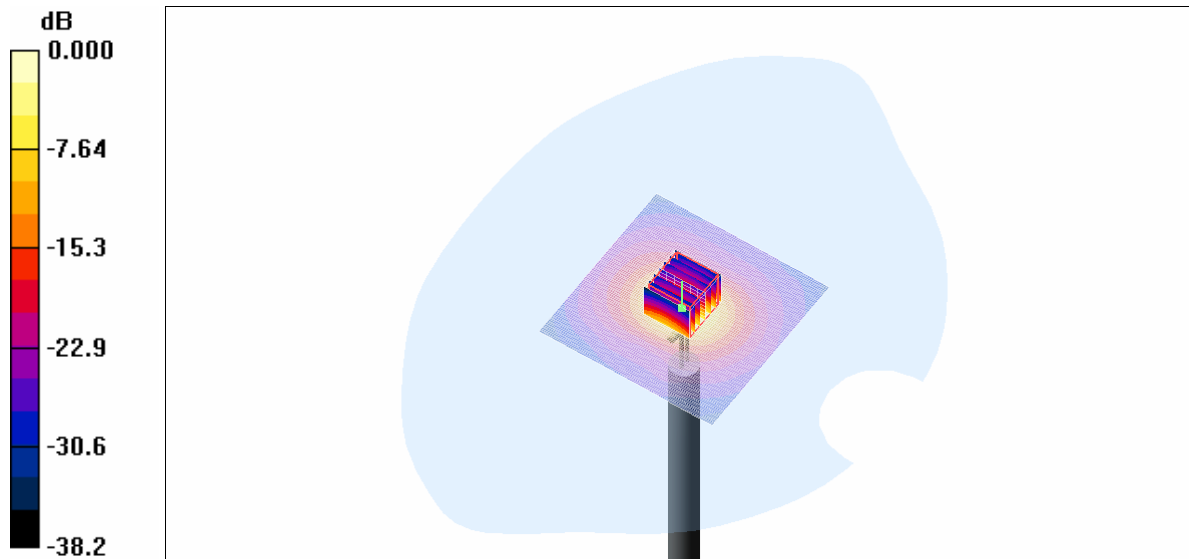
Channel 1 Test/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 105.3 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 89.0 W/kg

SAR(1 g) = 22.2 mW/g; SAR(10 g) = 6.3 mW/g

Maximum value of SAR (measured) = 47.3 mW/g



0 dB = 47.3mW/g

SAR MEASUREMENT PLOT 24

Ambient Temperature
Liquid Temperature
Humidity

20.6 Degrees Celsius
20.2 Degrees Celsius
35.0 %



