

## 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.

**Table 22 5200 MHz Band SAR Measurement Plot Numbers**

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	1	A	6	-	36
	2		6	-	48
	3		6	-	52
	4		6	-	64
	5	B	6	-	36
	6		6	-	48
	7		6	-	52
	8		6	-	64
Edge On Primary Portrait	9	B	6	-	48

**Table 23 5600 MHz Band SAR Measurement Plot Numbers**

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	10	A	6	-	104
	11		6	-	116
	12		6	-	124
	13		6	-	136
	14	B	6	-	104
	15		6	-	116
	16		6	-	124
	17		6	-	136

**Table 24 5800 MHz Band SAR Measurement Plot Numbers**

Test Position	Plot No.	Ant	Bit rate Mode (Mbps)	Channel Bandwidth (MHz)	Test Channel
Lap Held	18	A	6	-	149
	19		6	-	157
	20		6	-	165
	21	B	6	-	149
	22		6	-	157
	23		6	-	165
Edge On Primary Portrait	24	A	6	-	149

**Table 25 System verification Plots**

Plot 25	System Verification 5200 MHz 7 <sup>th</sup> August 2012
Plot 26	System Verification 5500 MHz 8 <sup>th</sup> August 2012
Plot 27	System Verification 5800 MHz 10 <sup>th</sup> August 2012



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz (-1.5 dB) Antenna A (1) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5183.2$  MHz;  $\sigma = 5.349$  mho/m;  $\epsilon_r = 47.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 36 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.933 mW/g

**Configuration/Channel 36 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

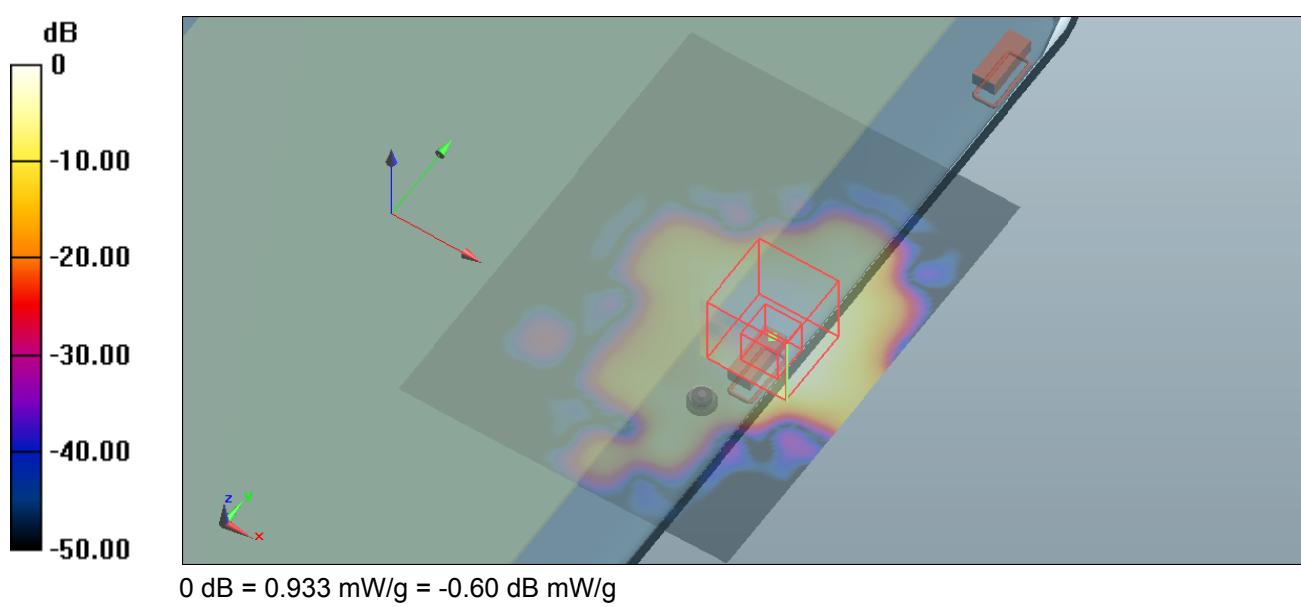
dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.044 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 4.481 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.316 mW/g**

Maximum value of SAR (measured) = 2.11 mW/g



Ambient Temperature  
Liquid Temperature  
Humidity

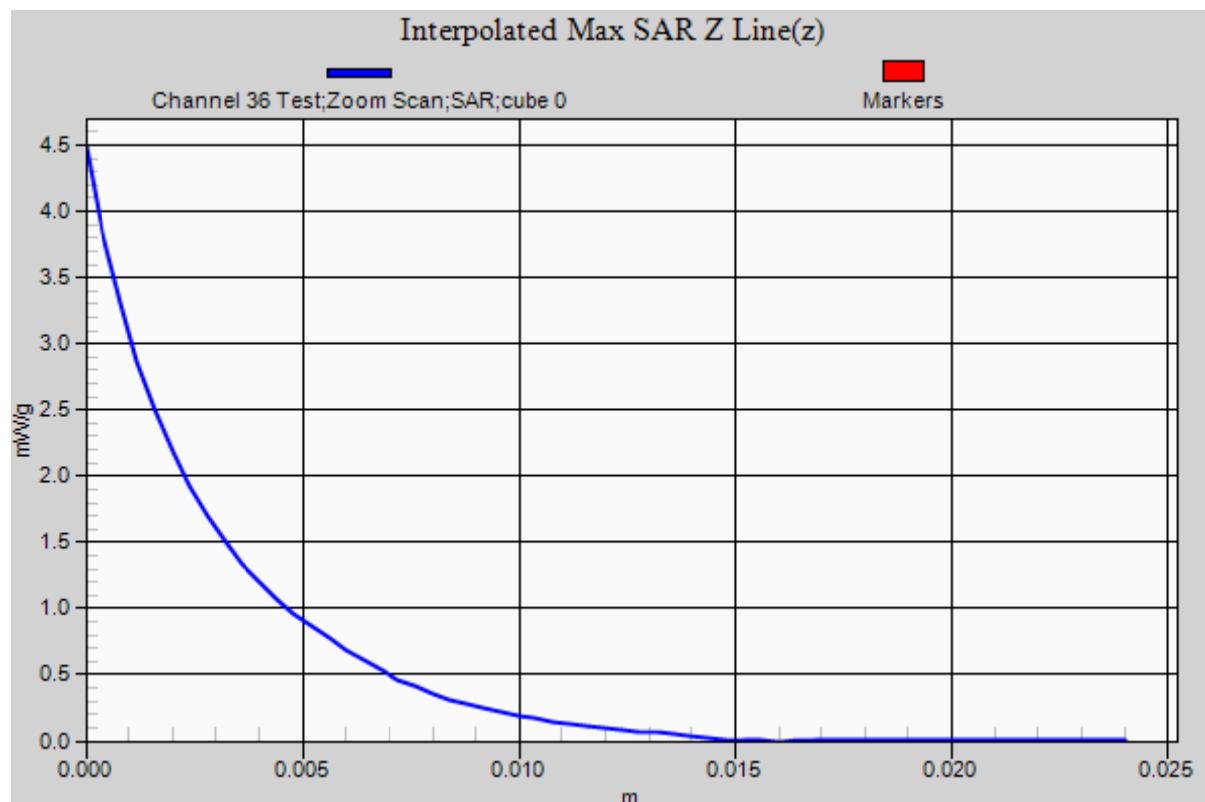
20.5 Degrees Celsius  
20.2 Degrees Celsius  
36.0%



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz (-1.5 dB) Antenna A (1) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.471$  mho/m;  $\epsilon_r = 47.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 48 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.761 mW/g

**Configuration/Channel 48 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

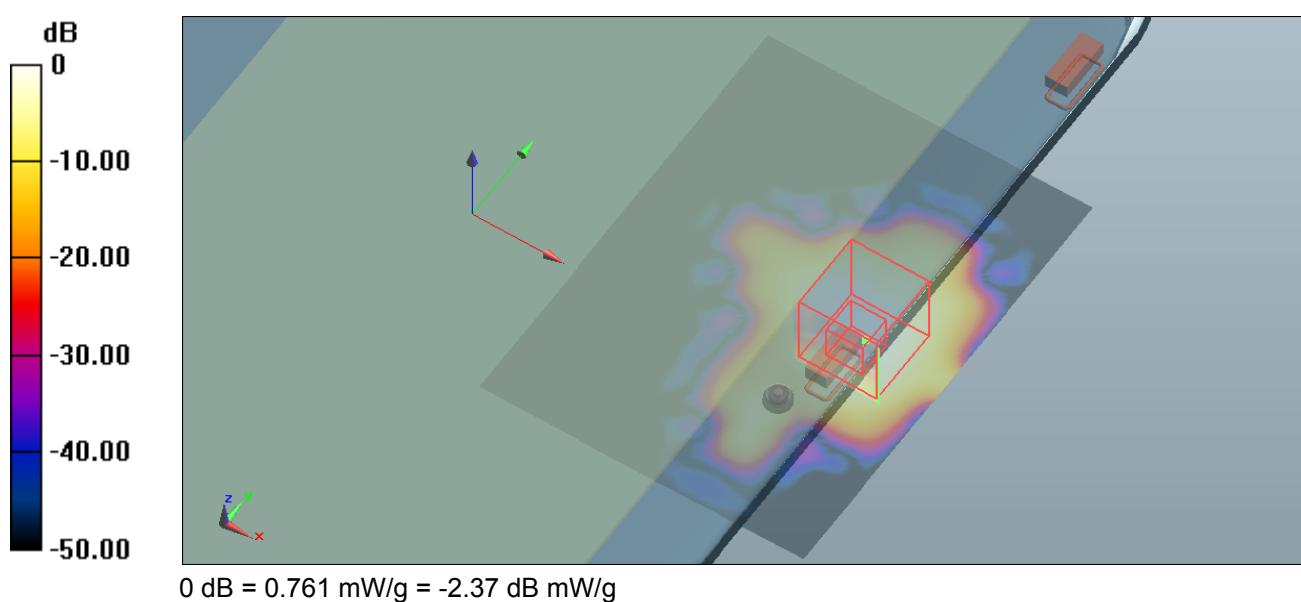
dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.653 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.587 mW/g

**SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 1.62 mW/g



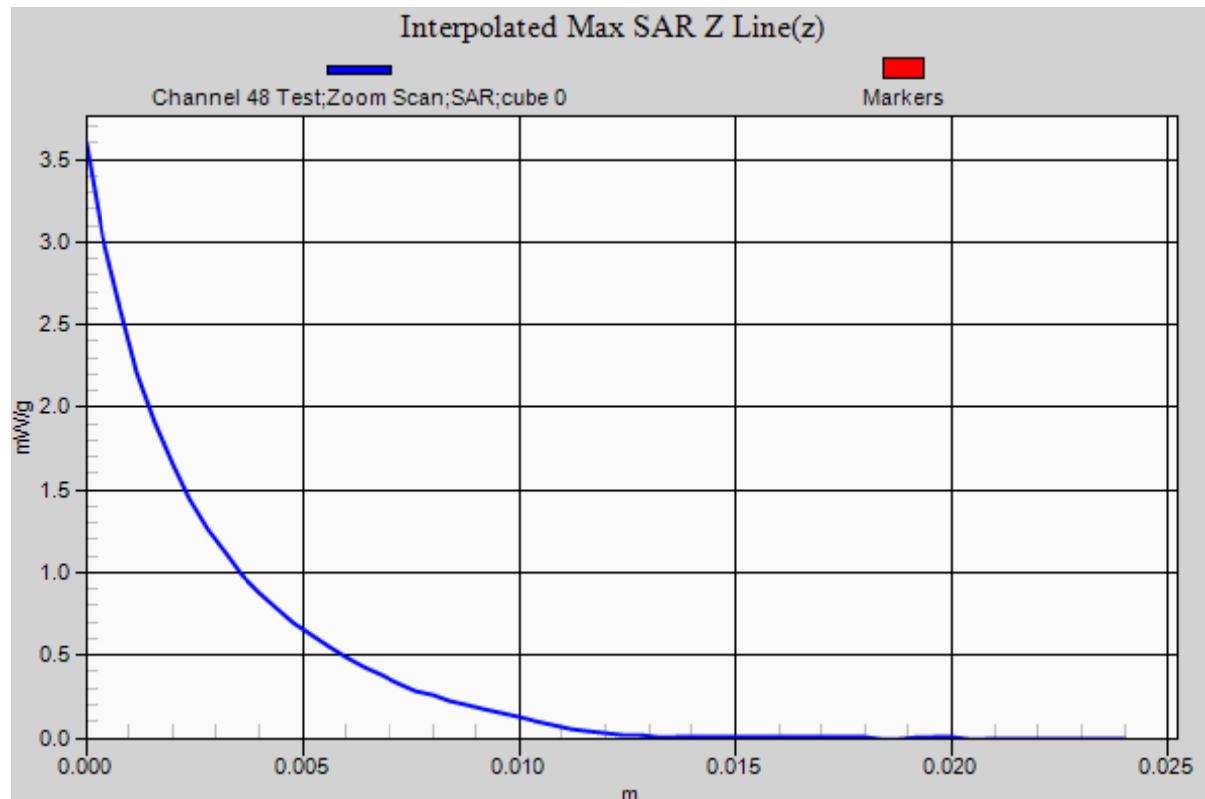
**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**20.5 Degrees Celsius**  
**20.2 Degrees Celsius**  
**36.0%**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz (-1.5 dB) Antenna A (1) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5262.4$  MHz;  $\sigma = 5.512$  mho/m;  $\epsilon_r = 47.155$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 52 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.580 mW/g

**Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

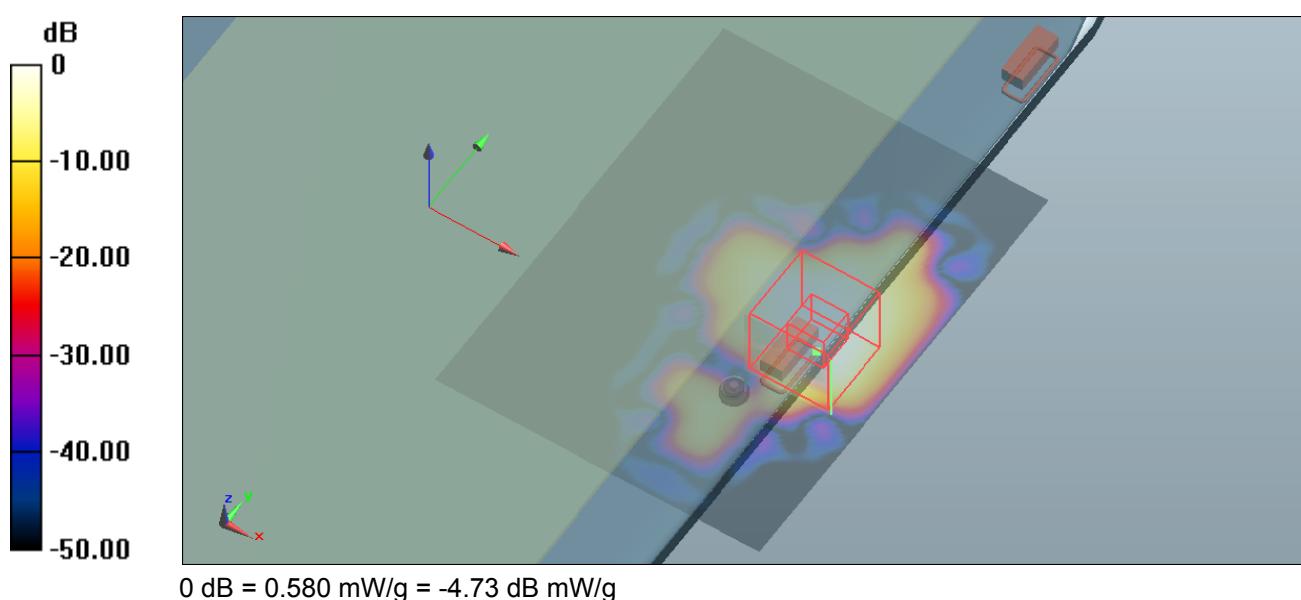
dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.616 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.526 mW/g

**SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.157 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



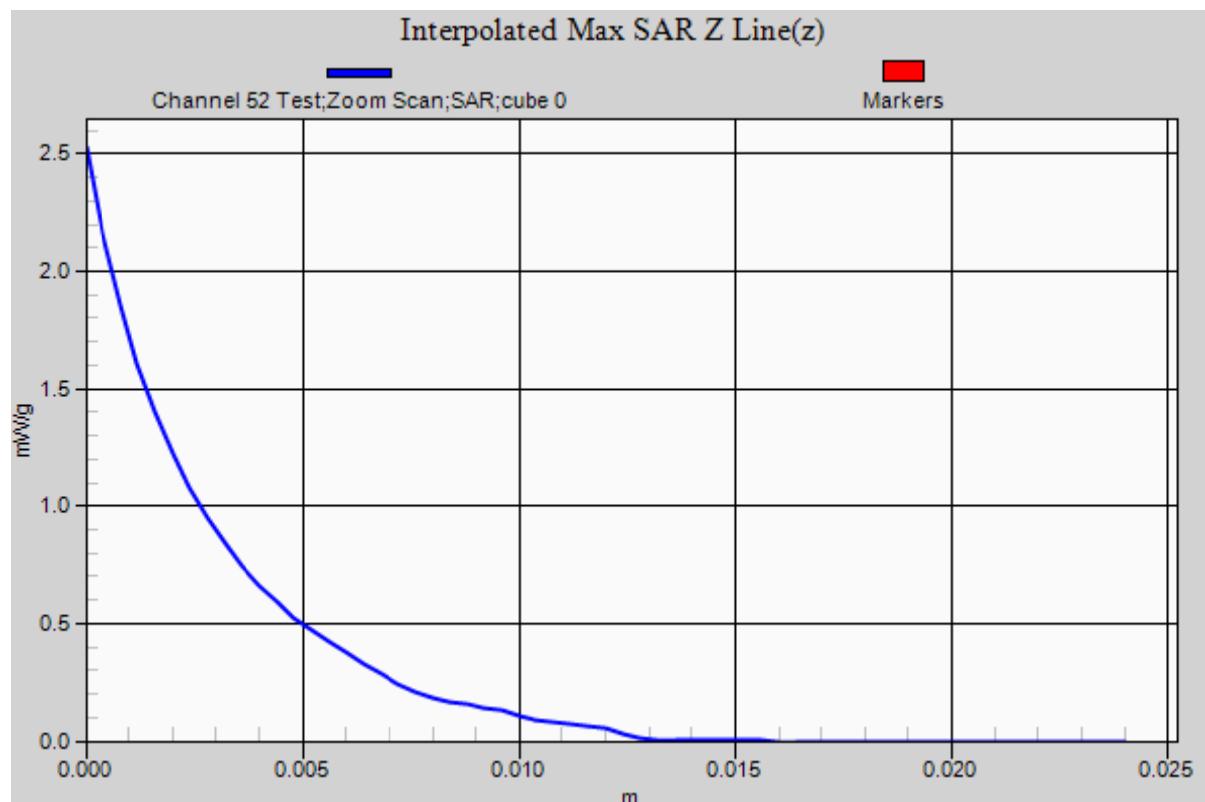
**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**20.5 Degrees Celsius**  
**20.2 Degrees Celsius**  
**36.0%**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz (-1.5 dB) Antenna A (1) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5321.8$  MHz;  $\sigma = 5.619$  mho/m;  $\epsilon_r = 46.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 64 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/Channel 64 Test/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:

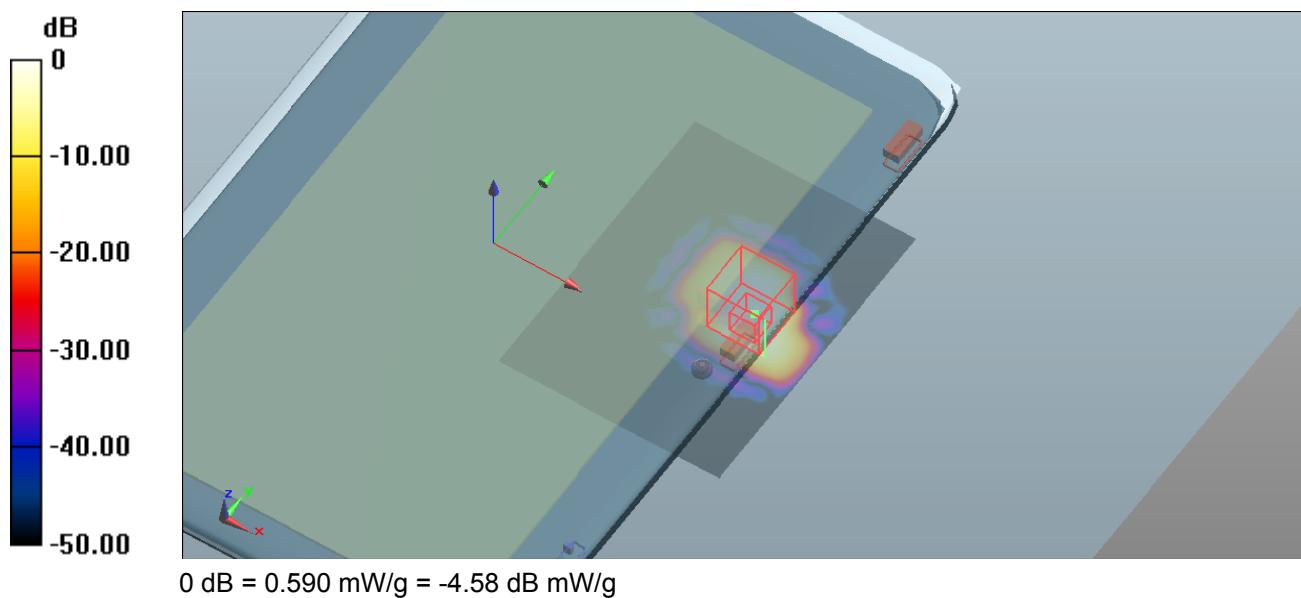
dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.958 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.160 mW/g

**SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.152 mW/g**

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



**Ambient Temperature**

**20.5 Degrees Celsius**

**Liquid Temperature**

**20.2 Degrees Celsius**

**Humidity**

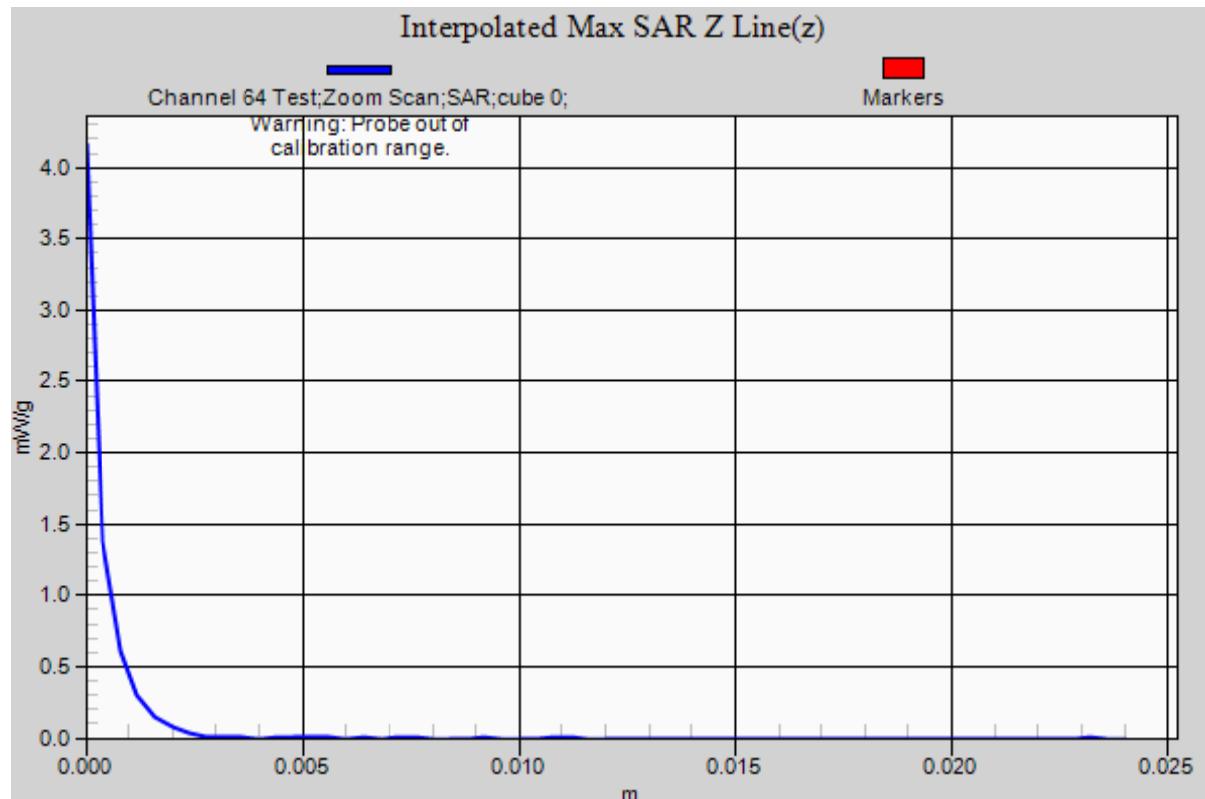
**36.0%**



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz Antenna B (2) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5180 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5183.2$  MHz;  $\sigma = 5.349$  mho/m;  $\epsilon_r = 47.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 36 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.43 mW/g

**Configuration/Channel 36 Test/Zoom Scan (9x9x12)/Cube 0:** Measurement grid:

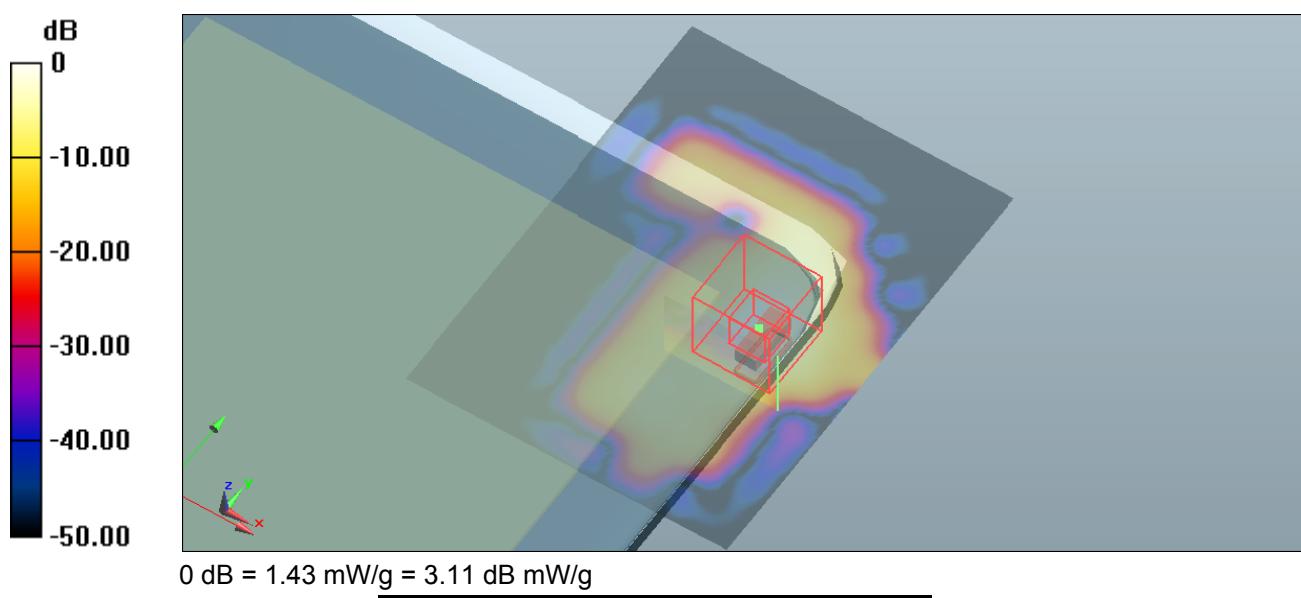
dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.482 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.804 mW/g

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.316 mW/g**

Maximum value of SAR (measured) = 2.36 mW/g



Ambient Temperature

Liquid Temperature

Humidity

20.5 Degrees Celsius

20.2 Degrees Celsius

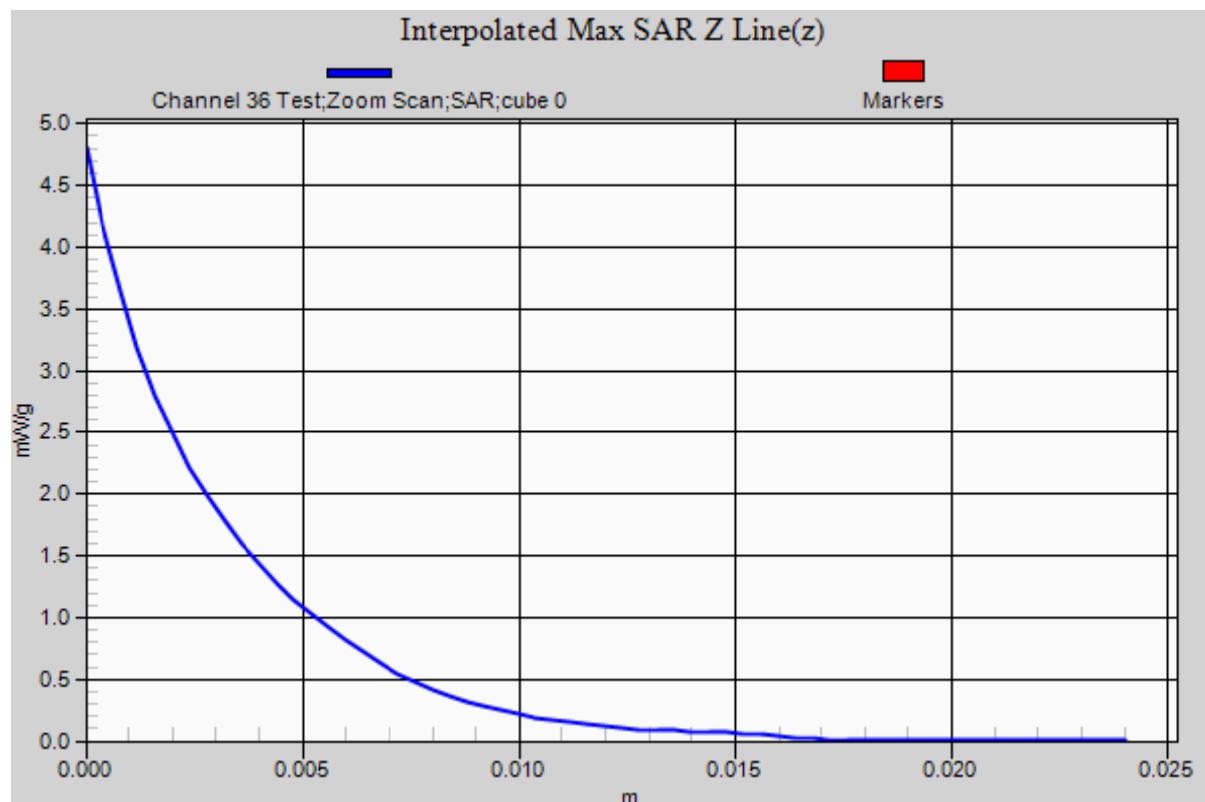
36.0%



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz Antenna B (2) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.471$  mho/m;  $\epsilon_r = 47.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 48 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.30 mW/g

**Configuration/Channel 48 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

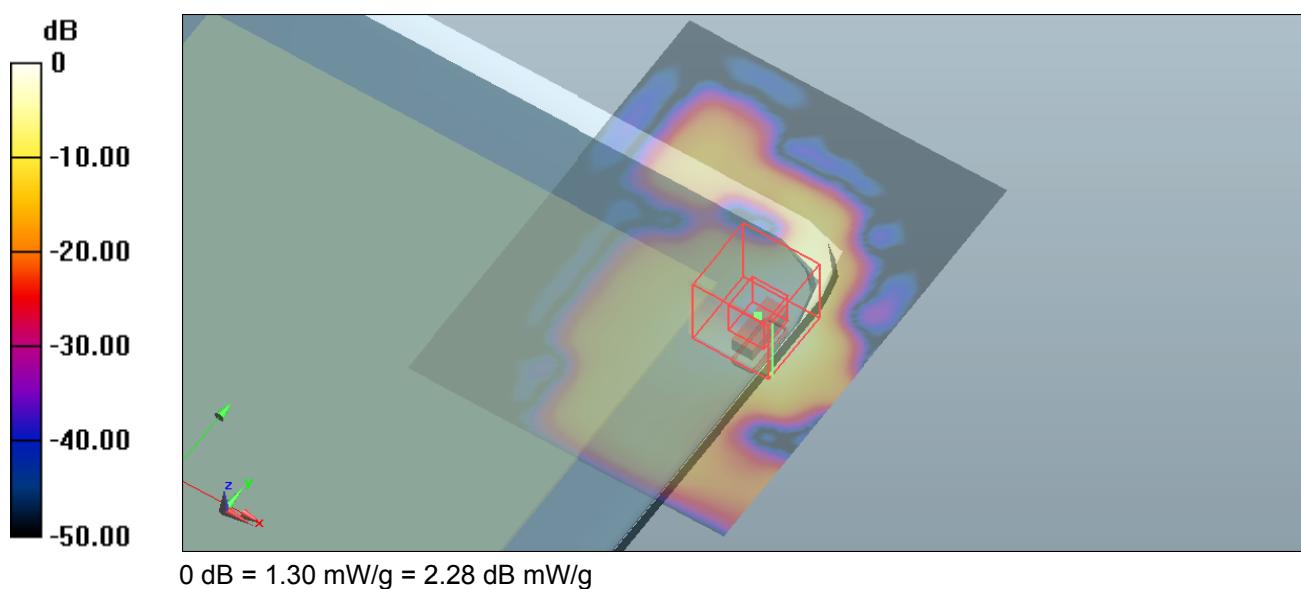
dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.115 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.175 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.277 mW/g**

Maximum value of SAR (measured) = 2.28 mW/g



Ambient Temperature

Liquid Temperature

Humidity

20.5 Degrees Celsius

20.2 Degrees Celsius

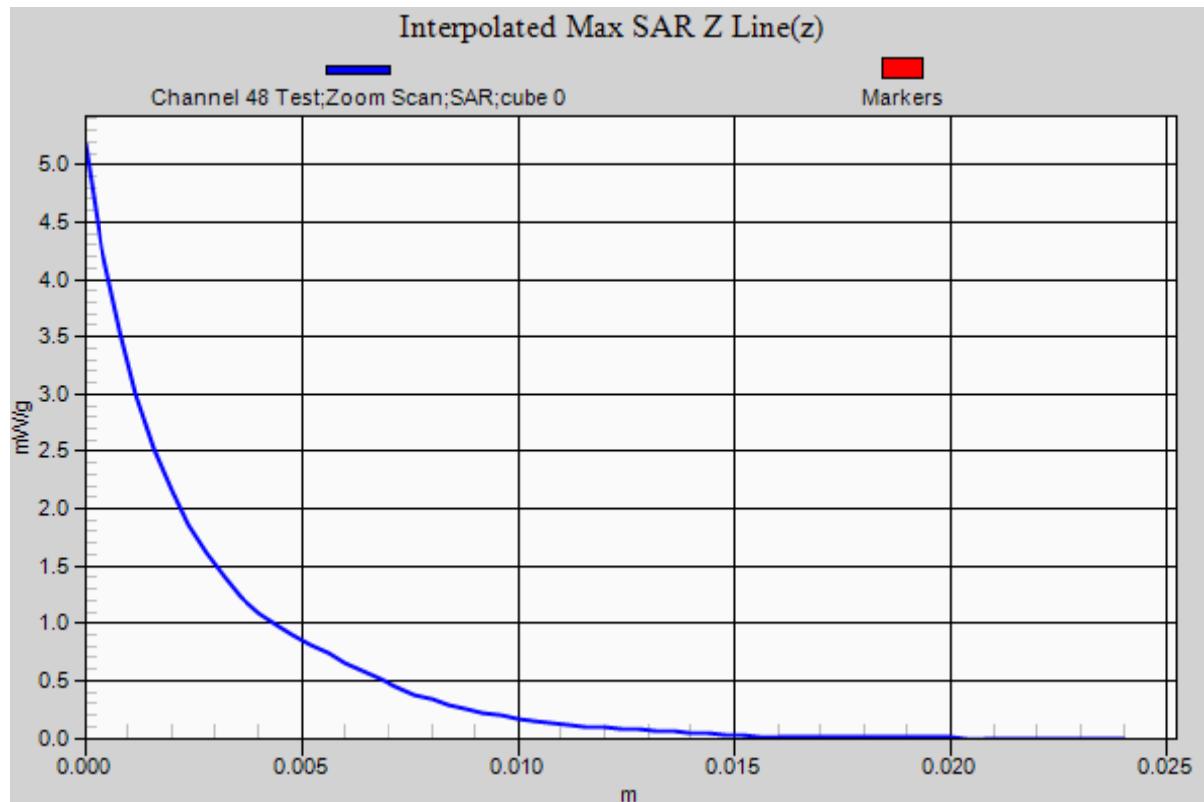
36.0%



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz Antenna B (2) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5260 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5262.4$  MHz;  $\sigma = 5.512$  mho/m;  $\epsilon_r = 47.155$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 52 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.902 mW/g

**Configuration/Channel 52 Test/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

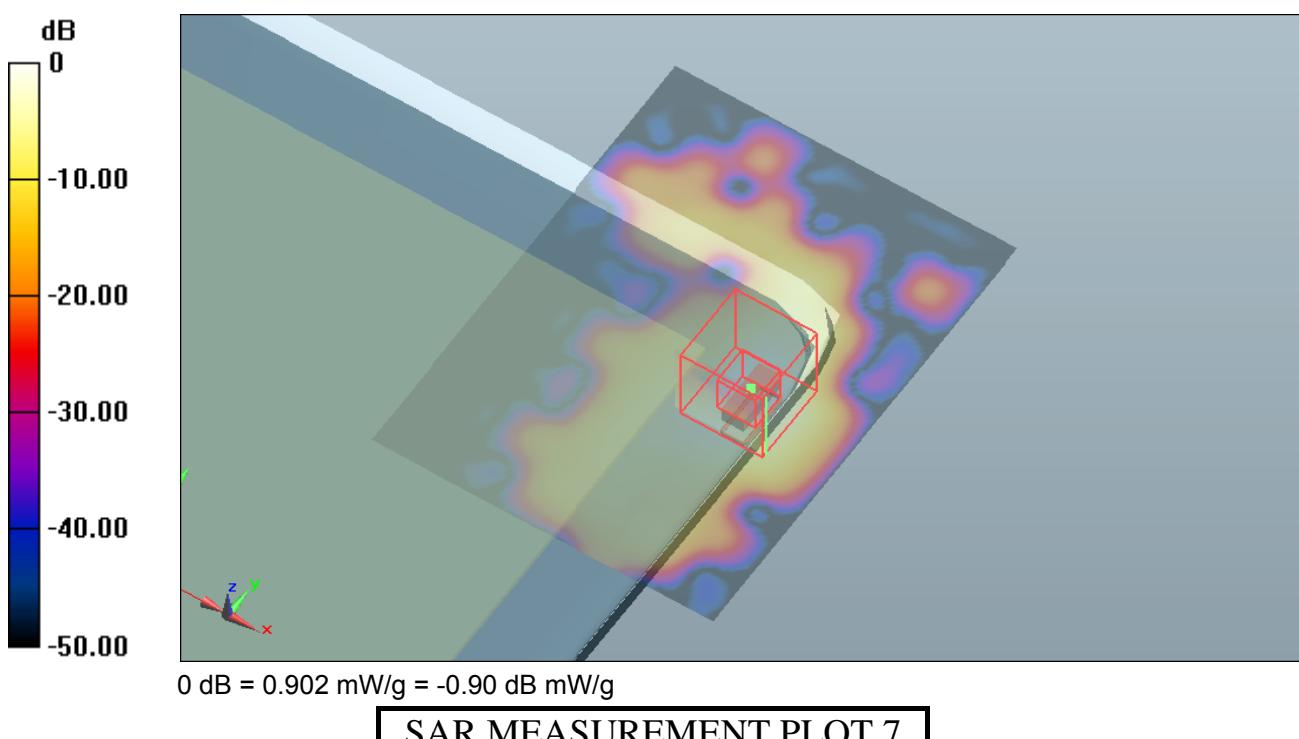
dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.346 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.791 mW/g

**SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 1.72 mW/g



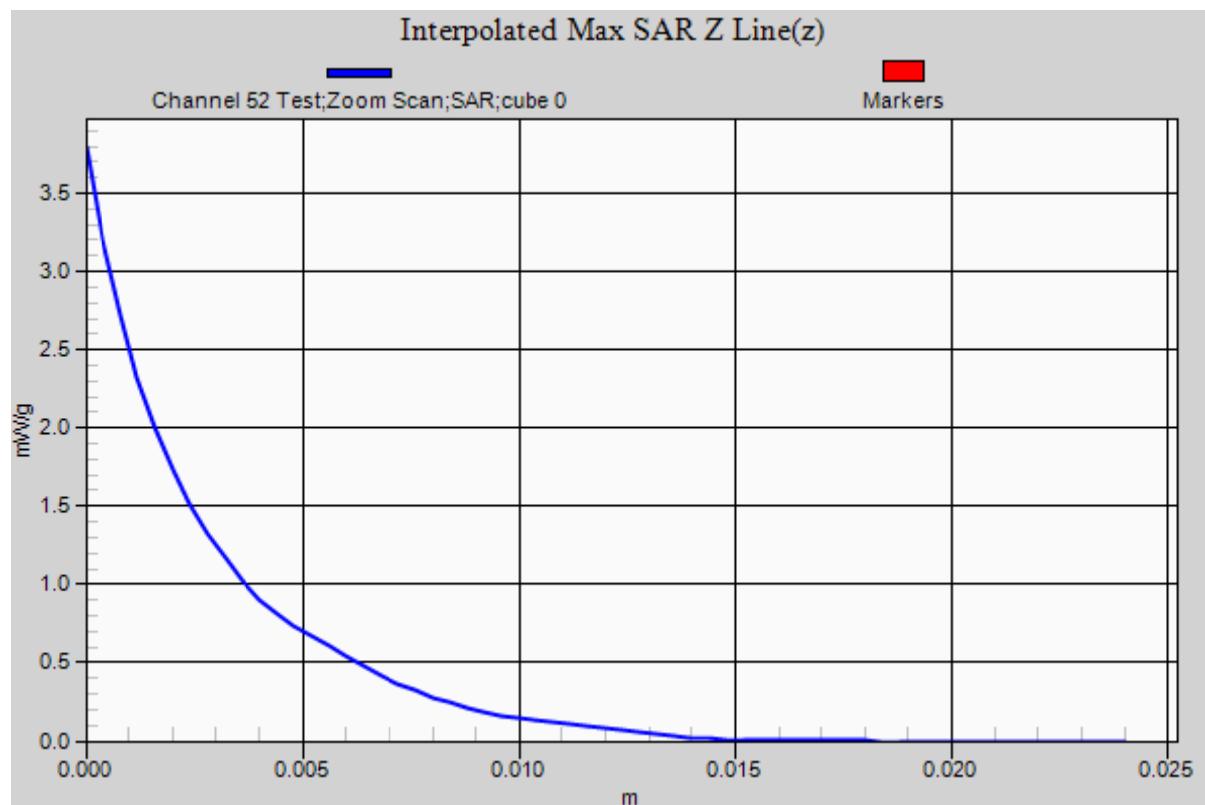
Ambient Temperature  
Liquid Temperature  
Humidity

20.5 Degrees Celsius  
20.2 Degrees Celsius  
36.0%



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Lap Held OFDM 5200 MHz Antenna B (2) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5320 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5321.8$  MHz;  $\sigma = 5.619$  mho/m;  $\epsilon_r = 46.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 64 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.771 mW/g

**Configuration/Channel 64 Test/Zoom Scan (9x9x12)/Cube 0:** Measurement grid:

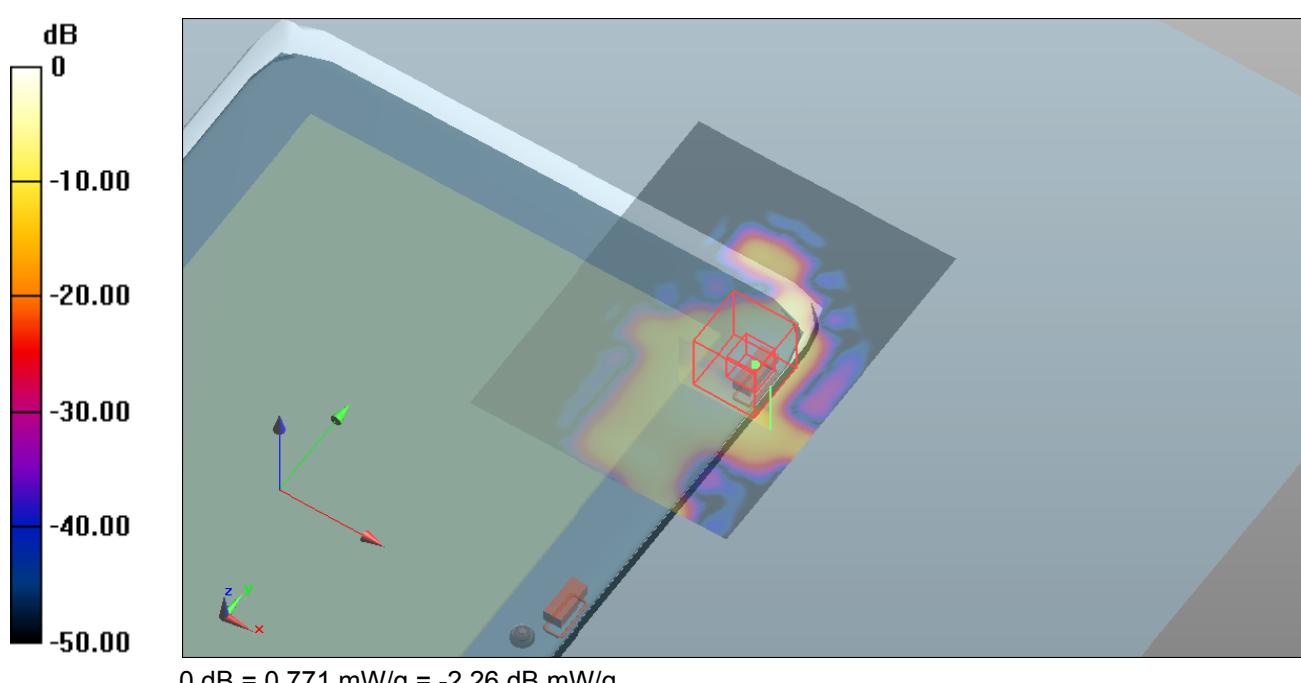
dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.553 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.834 mW/g

**SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



**Ambient Temperature**

**Liquid Temperature**

**Humidity**

**20.5 Degrees Celsius**

**20.2 Degrees Celsius**

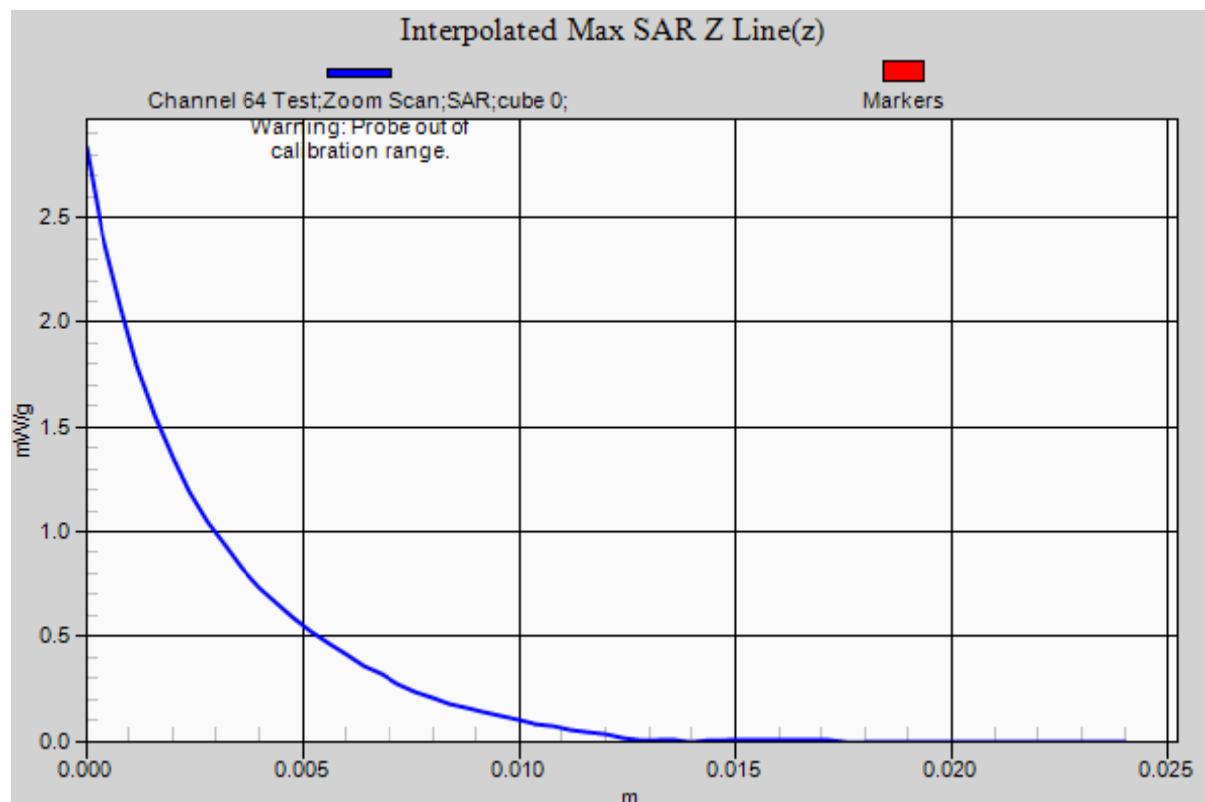
**36.0%**



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 7 August 2012**

File Name: M120808 Edge On Primary Portrait OFDM 5200 MHz Antenna B (2) 07-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5240 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5242.6$  MHz;  $\sigma = 5.471$  mho/m;  $\epsilon_r = 47.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.79, 3.79, 3.79); Calibrated: 21/06/2012

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

**Configuration/Channel 48 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.232 mW/g

**Configuration/Channel 48 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

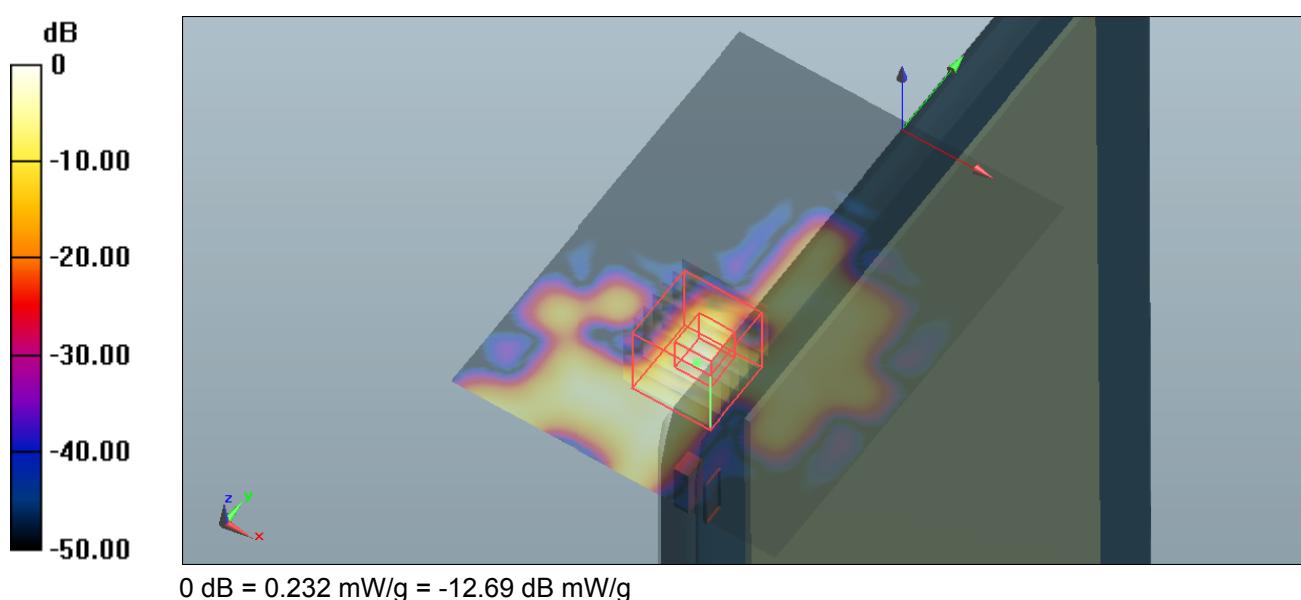
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.069 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.417 mW/g

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.256 mW/g



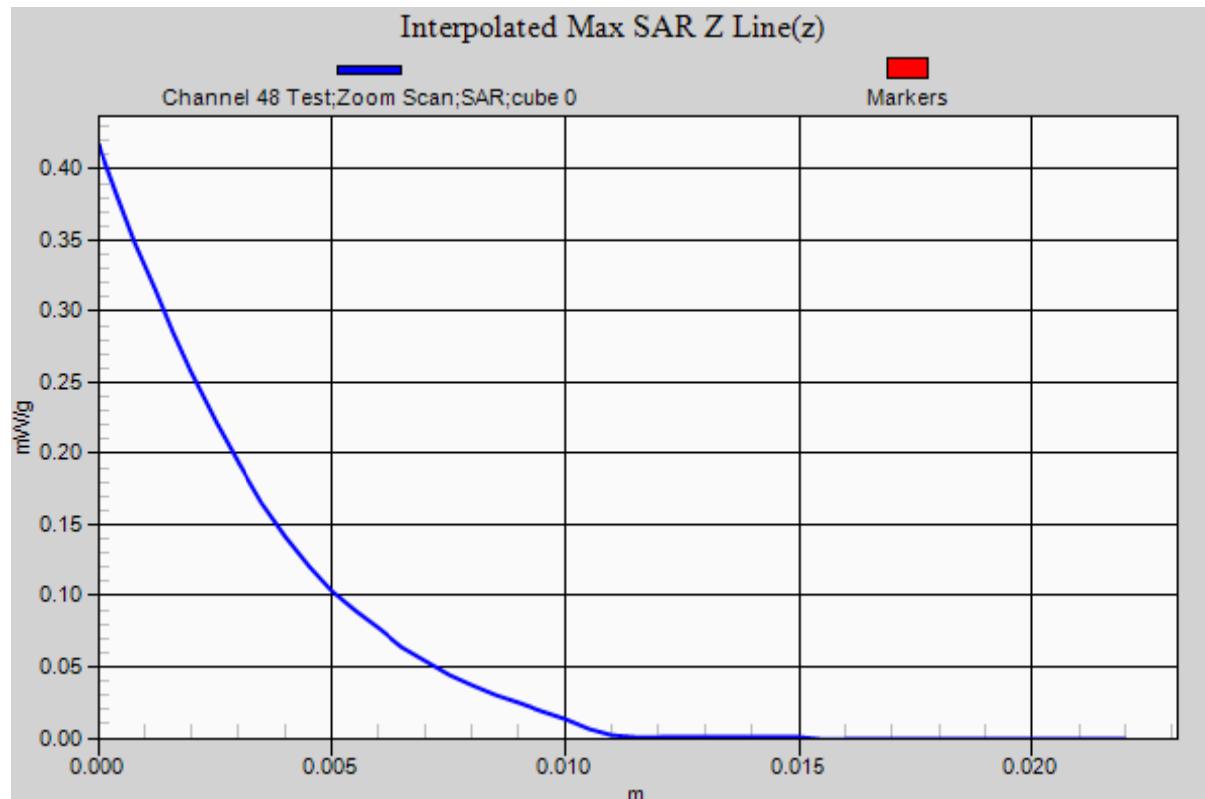
**Ambient Temperature**  
**Liquid Temperature**  
**Humidity**

**20.5 Degrees Celsius**  
**20.2 Degrees Celsius**  
**36.0%**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 8 August 2012**

File Name: M120808 Lap Held OFDM 5600 MHz (-1.5 dB) Antenna A (1) 08-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5520 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5519.8$  MHz;  $\sigma = 5.82$  mho/m;  $\epsilon_r = 48.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

**Configuration/Channel 104 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.14 mW/g

**Configuration/Channel 104 Test/Zoom Scan (8x8x9)/Cube 0:** Measurement grid:

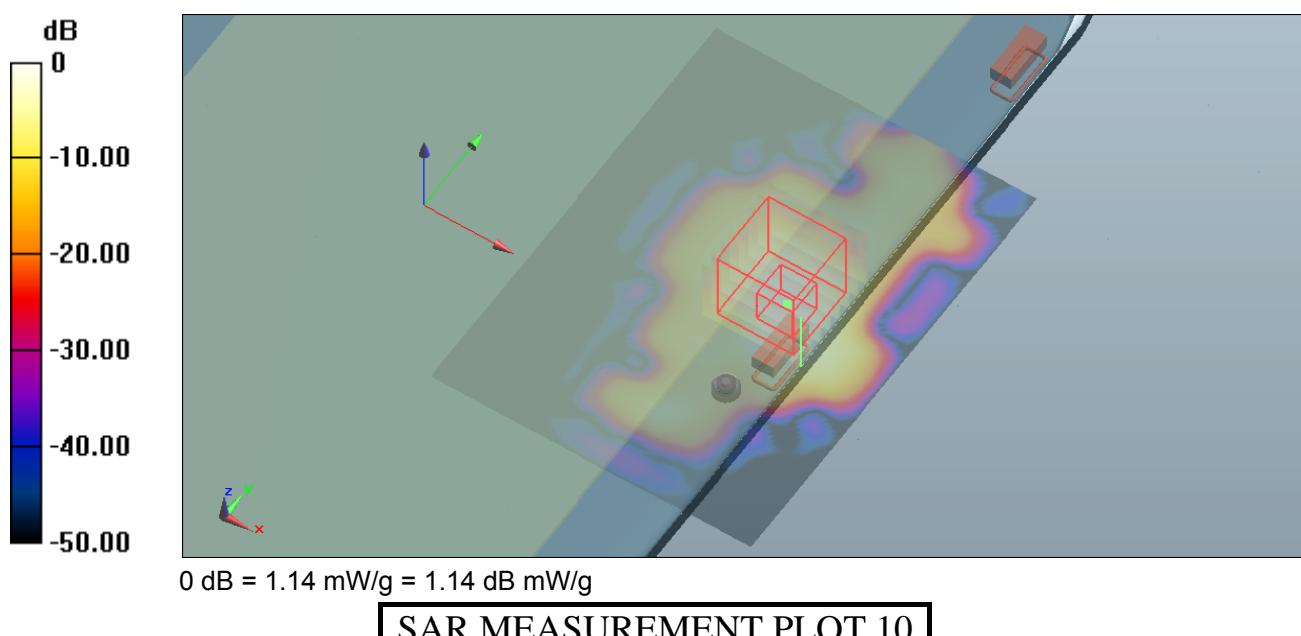
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.736 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.334 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 2.09 mW/g



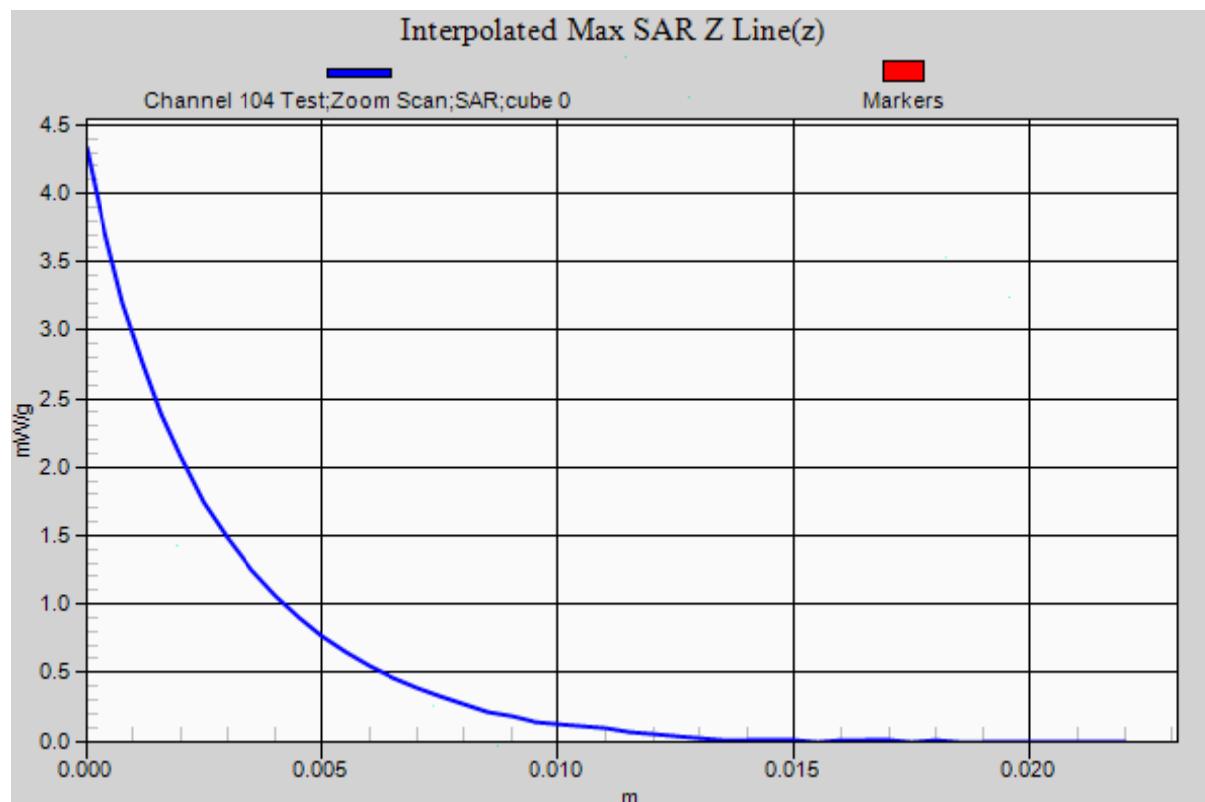
Ambient Temperature  
Liquid Temperature  
Humidity

20.8 Degrees Celsius  
20.5 Degrees Celsius  
37.0%



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 8 August 2012**

File Name: M120808 Lap Held OFDM 5600 MHz (-1.5 dB) Antenna A (1) 08-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5580 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5579.2$  MHz;  $\sigma = 5.925$  mho/m;  $\epsilon_r = 48.516$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

**Configuration/Channel 116 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.26 mW/g

**Configuration/Channel 116 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

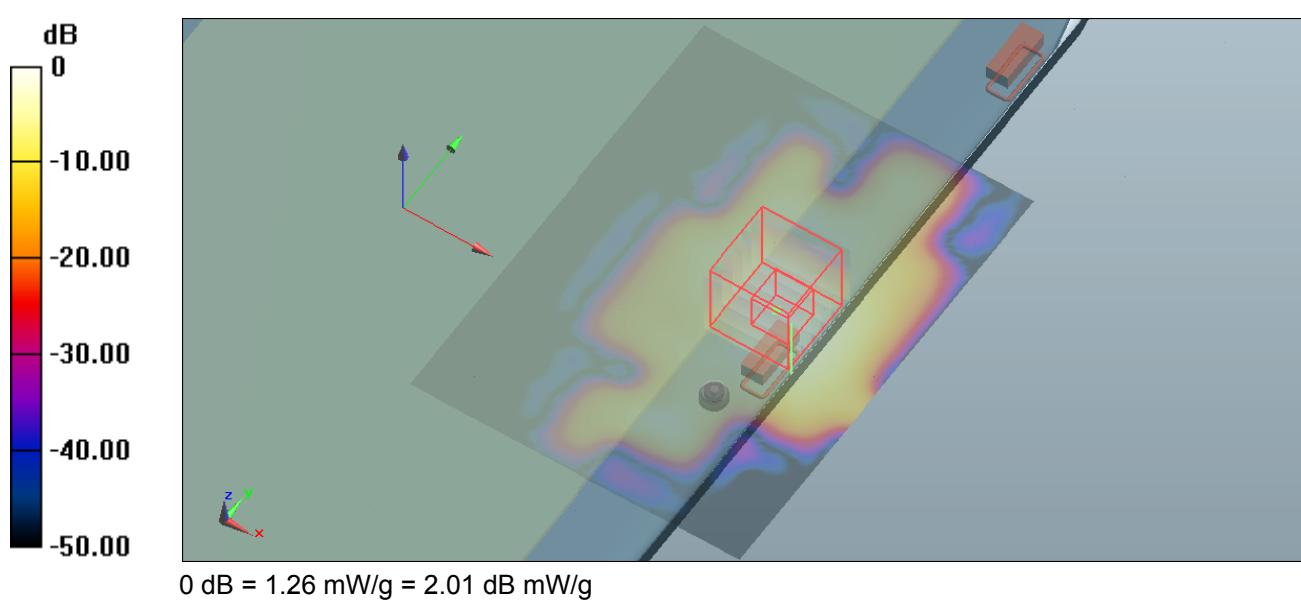
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.568 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 5.413 mW/g

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.395 mW/g**

Maximum value of SAR (measured) = 2.37 mW/g



**Ambient Temperature**

**Liquid Temperature**

**Humidity**

**20.8 Degrees Celsius**

**20.5 Degrees Celsius**

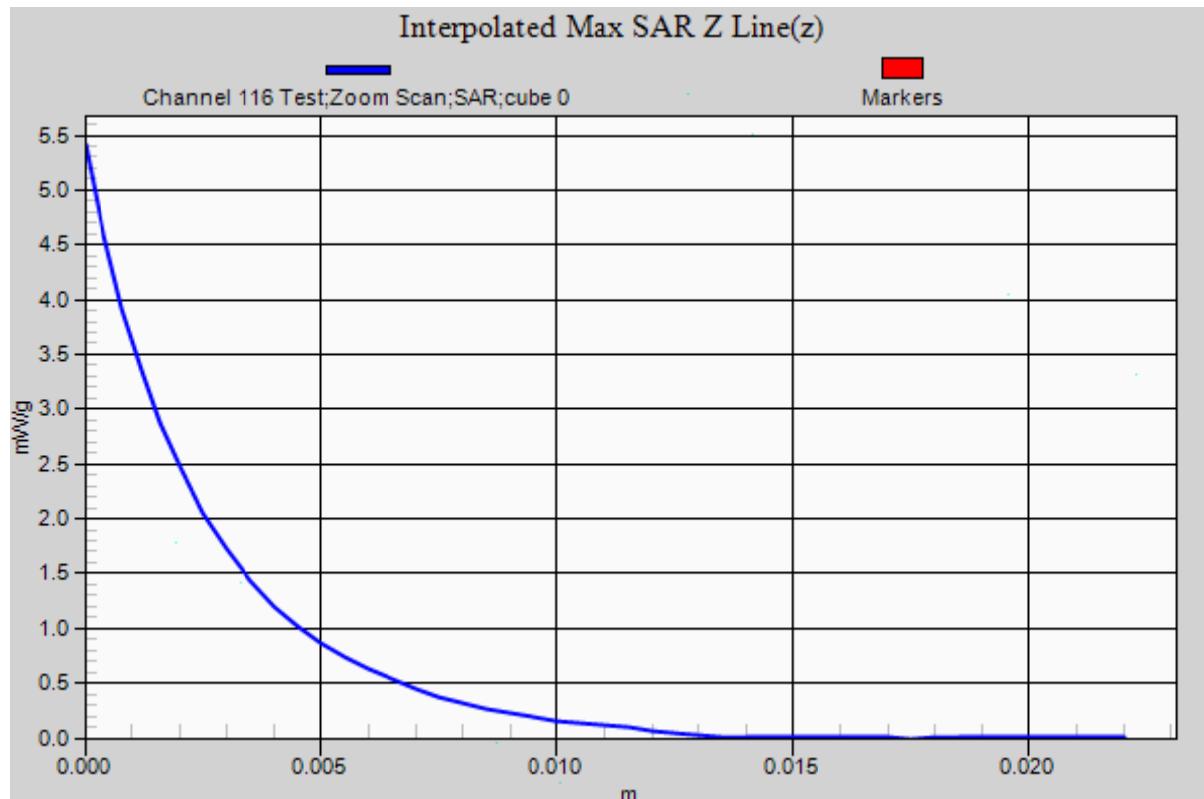
**37.0%**



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 8 August 2012**

File Name: M120808 Lap Held OFDM 5600 MHz (-1.5 dB) Antenna A (1) 08-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5620 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5618.8$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 48.384$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

**Configuration/Channel 124 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.21 mW/g

**Configuration/Channel 124 Test/Zoom Scan (8x8x9)/Cube 0:** Measurement grid:

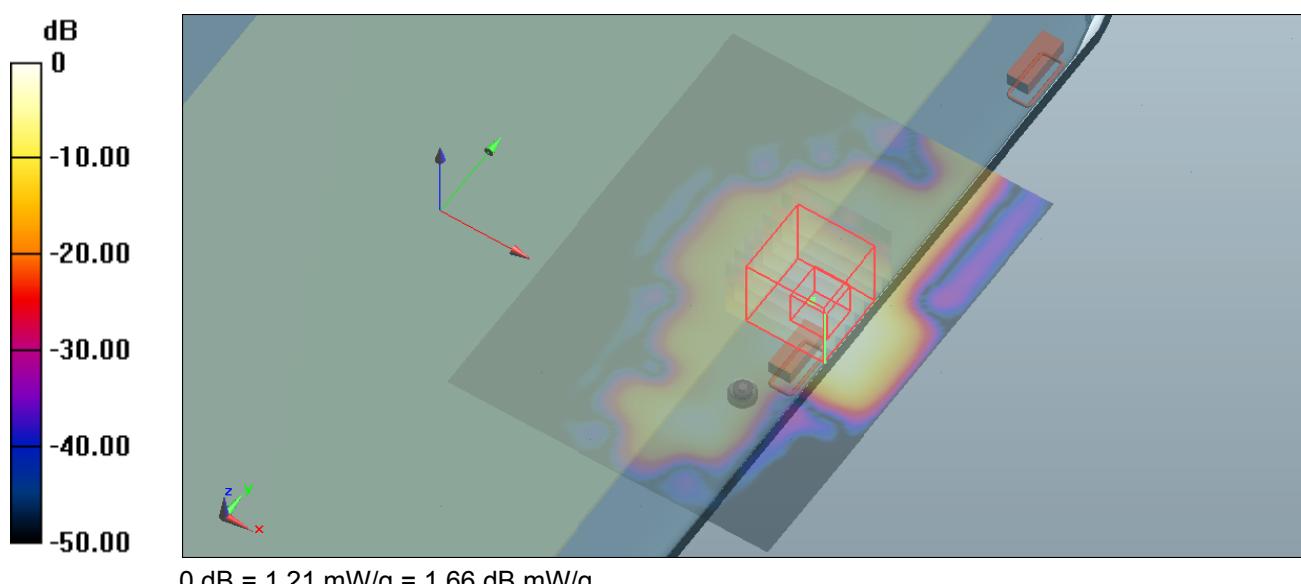
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.544 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 5.137 mW/g

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.398 mW/g**

Maximum value of SAR (measured) = 2.48 mW/g



**Ambient Temperature**

**Liquid Temperature**

**Humidity**

**20.8 Degrees Celsius**

**20.5 Degrees Celsius**

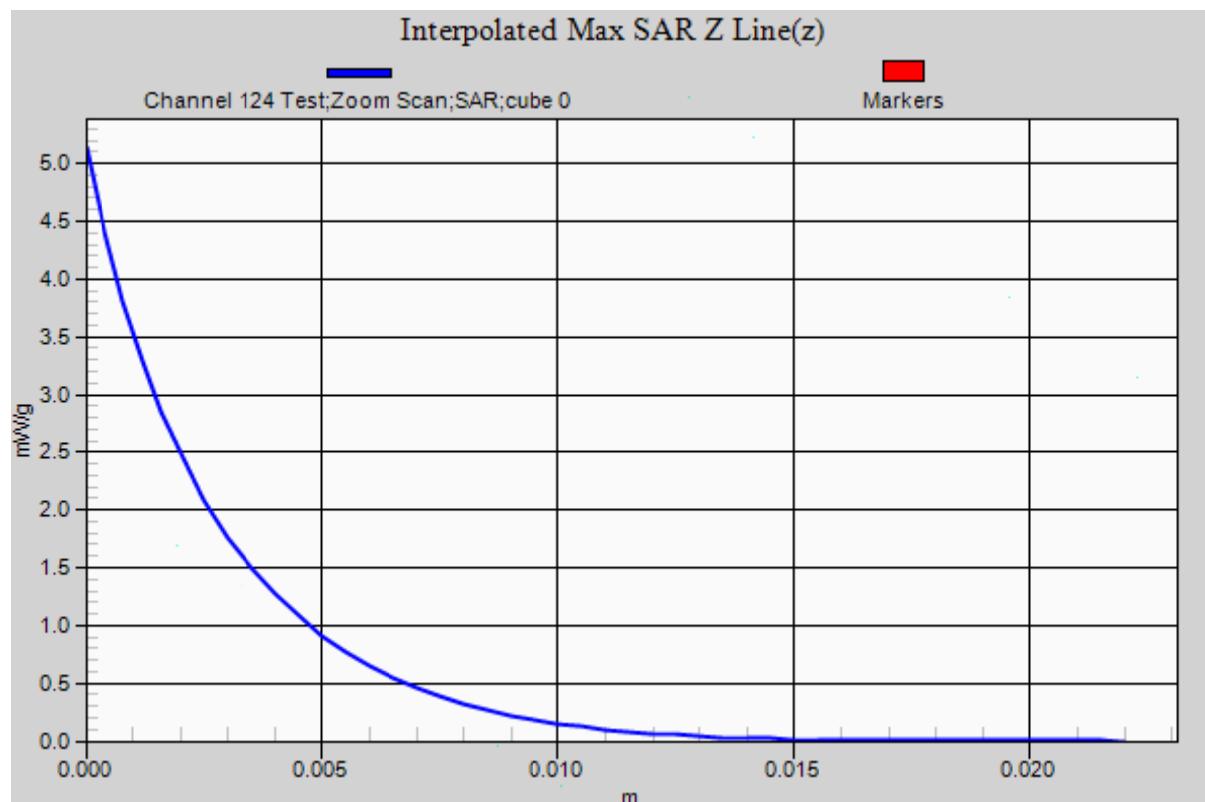
**37.0%**



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 8 August 2012**

File Name: M120808 Lap Held OFDM 5600 MHz (-1.5 dB) Antenna A (1) 08-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5680 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5678.2$  MHz;  $\sigma = 6.082$  mho/m;  $\epsilon_r = 48.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

**Configuration/Channel 136 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.811 mW/g

**Configuration/Channel 136 Test/Zoom Scan (9x9x9)/Cube 0:** Measurement grid:

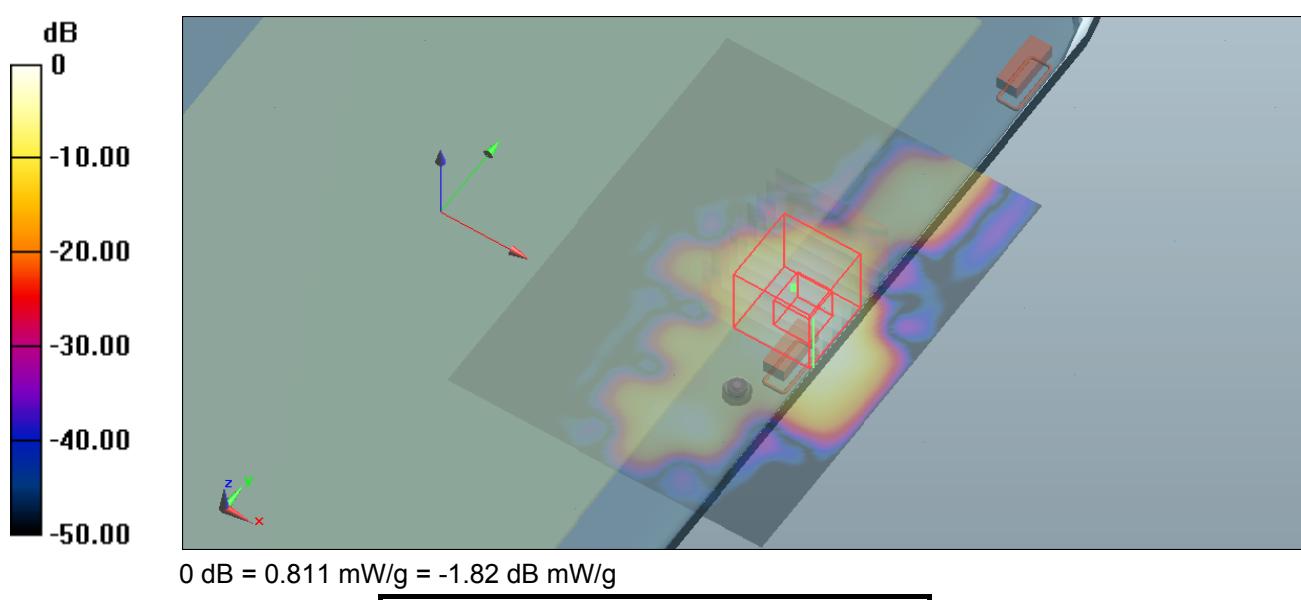
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.819 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 3.396 mW/g

**SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.256 mW/g**

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



**Ambient Temperature**

**Liquid Temperature**

**Humidity**

**20.8 Degrees Celsius**

**20.5 Degrees Celsius**

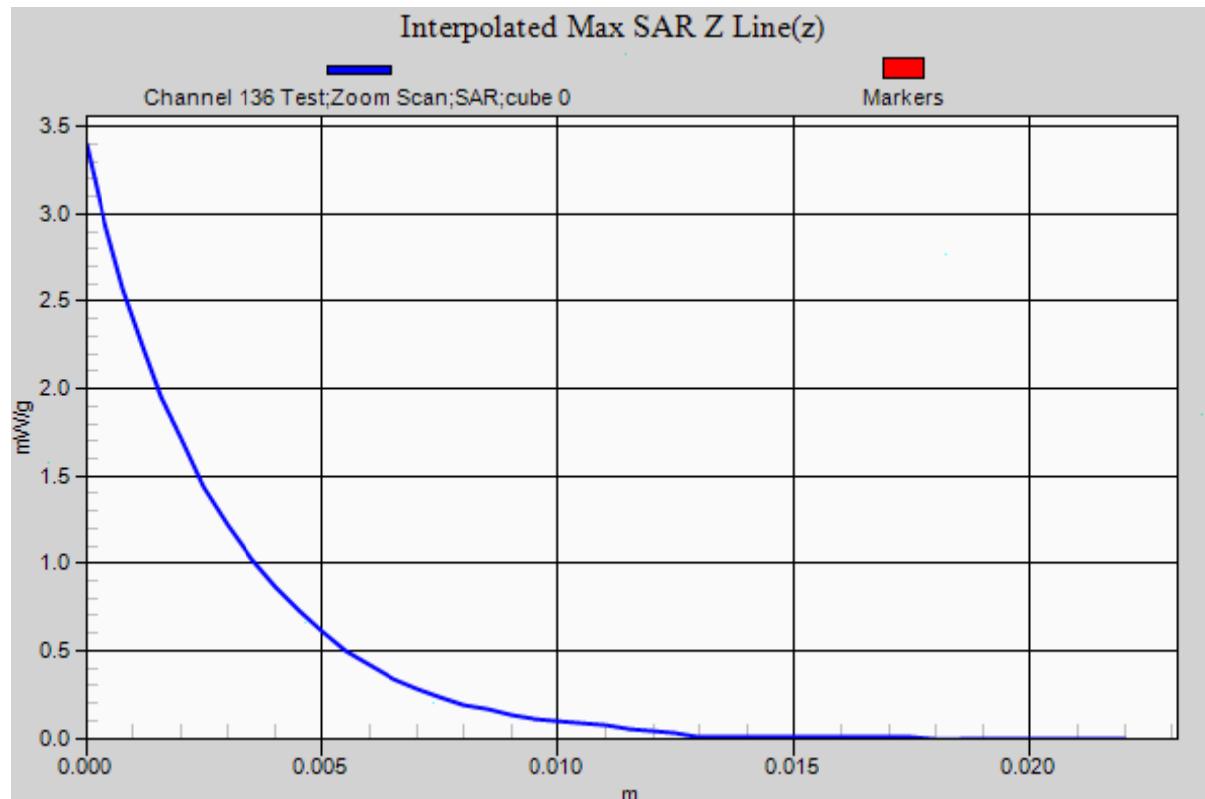
**37.0%**



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**



This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**

**Test Date: 8 August 2012**

File Name: M120808 Lap Held OFDM 5600 MHz Antenna B (2) 08-08-12.da52:0

**DUT: Fujitsu Tablet Quattro with Taylor Peak 11abgn and Bluetooth; Type: 62205ANHMW; Serial: WFM: 001500647600**

\* Communication System: OFDM 5 GHz 6 Mbs; Frequency: 5520 MHz; Duty Cycle: 1:17.0451

\* Medium parameters used:  $f = 5519.8$  MHz;  $\sigma = 5.82$  mho/m;  $\epsilon_r = 48.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Electronics: DAE3 Sn442; Probe: EX3DV4 - SN3563; ConvF(3.4, 3.4, 3.4); Calibrated: 21/06/2012

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

**Configuration/Channel 104 Test/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.610 mW/g

**Configuration/Channel 104 Test/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

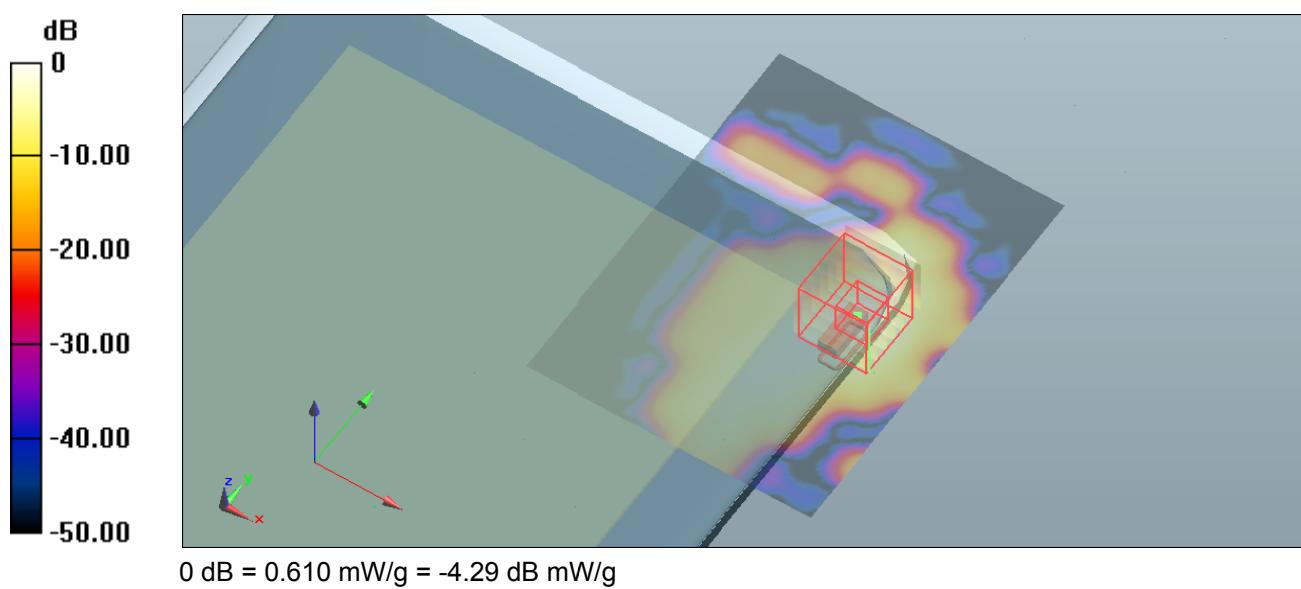
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.562 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.786 mW/g

**SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.177 mW/g**

Maximum value of SAR (measured) = 1.41 mW/g



Ambient Temperature

Liquid Temperature

Humidity

20.8 Degrees Celsius

20.5 Degrees Celsius

37.0%



Accreditation No. 5292

This document is issued in accordance with NATA's accreditation requirements. The results of tests, calibration and/or measurements included in this document are traceable to Australian/national standards. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing and calibration reports.

**This document shall only be reproduced in full, with the exception of the certificate on p3**