



# **Appendix B**

## **Detailed Test Results**

WIFI 802.11b 11CH Back Side 0mm
WIFI 802.11b 11CH Left Side 0mm
WIFI 802.11b 11CH Bottom Side 0mm

Test Laboratory: SGS-SAR Lab

## MFC155 WiFi 802.11b 11CH Back Side 0mm

**DUT: MFC155; Type: 7 Inch Lexibook Tablet; Serial: NA**

Communication System: 802.11b/g; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (7x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.480 \text{ mW/g}$

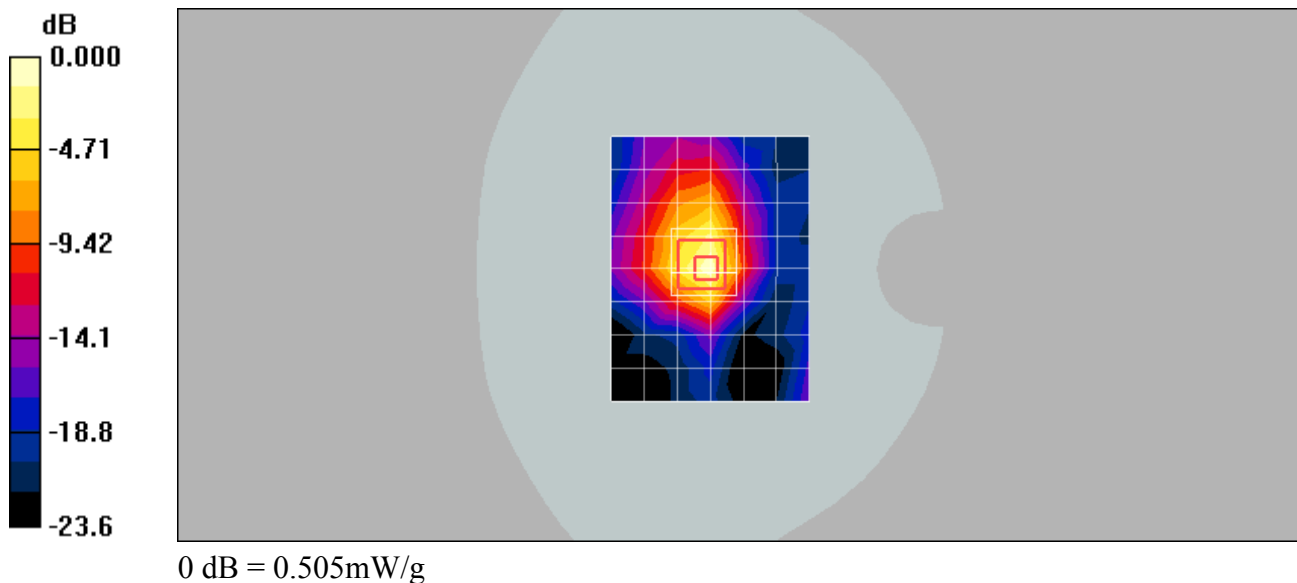
**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.0 \text{ V/m}$ ; Power Drift =  $-0.179 \text{ dB}$

Peak SAR (extrapolated) =  $0.972 \text{ W/kg}$

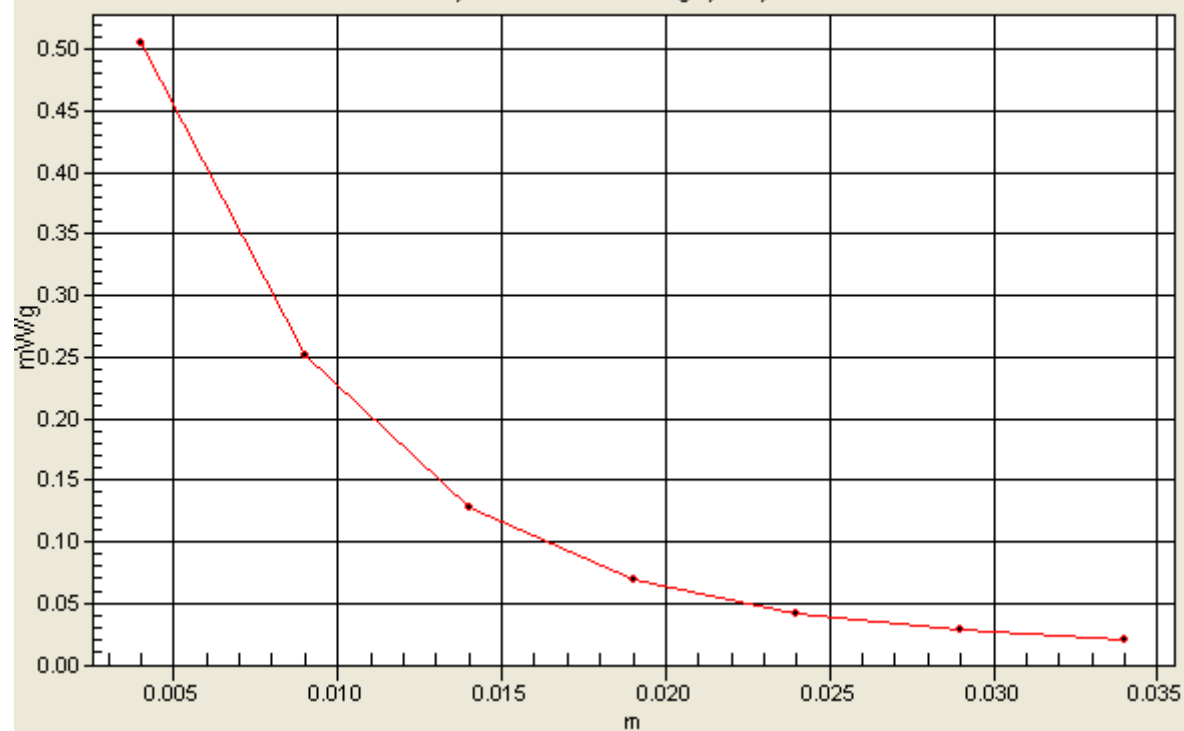
**SAR(1 g) =  $0.444 \text{ mW/g}$ ; SAR(10 g) =  $0.200 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.505 \text{ mW/g}$



# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=3, Y=2



Test Laboratory: SGS-SAR Lab

## MFC155 WiFi 802.11b 11CH Left Side 0mm

**DUT: MFC155; Type: 7 Inch Lexibook Tablet; Serial: NA**

Communication System: 802.11b/g; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.95 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (7x12x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.026 mW/g

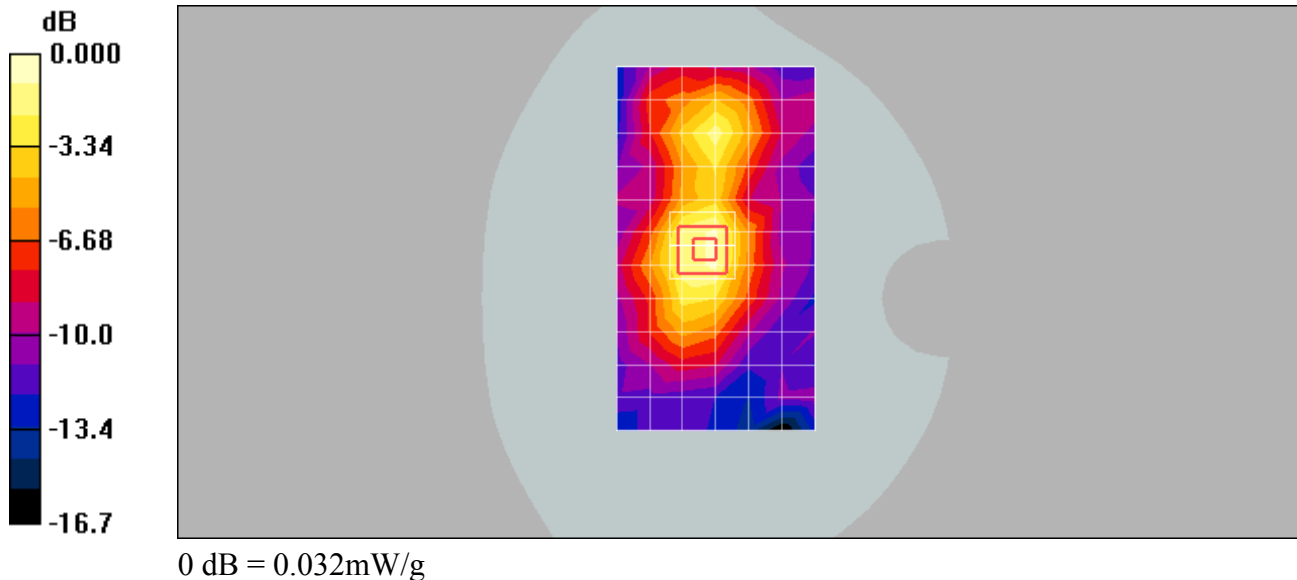
**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.71 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.051 W/kg

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

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



Test Laboratory: SGS-SAR Lab

## MFC155 WiFi 802.11b 11CH Bottom Side 0mm

**DUT: MFC155; Type: 7 Inch Lexibook Tablet; Serial: NA**

Communication System: 802.11b/g; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.2, 4.2, 4.2); Calibrated: 2012-11-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn569; Calibrated: 2012-11-27
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.052 mW/g

**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.07 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.062 mW/g

