

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom of Laptop\_0mm\_Ch1;Ant 1**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.003

Medium: HSL\_2450\_221128 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.758$  S/m;  $\epsilon_r = 39.506$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(7.91, 7.91, 7.91) @ 2412 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (121x71x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.62 W/kg

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

Reference Value = 28.08 V/m; Power Drift = -0.16 dB

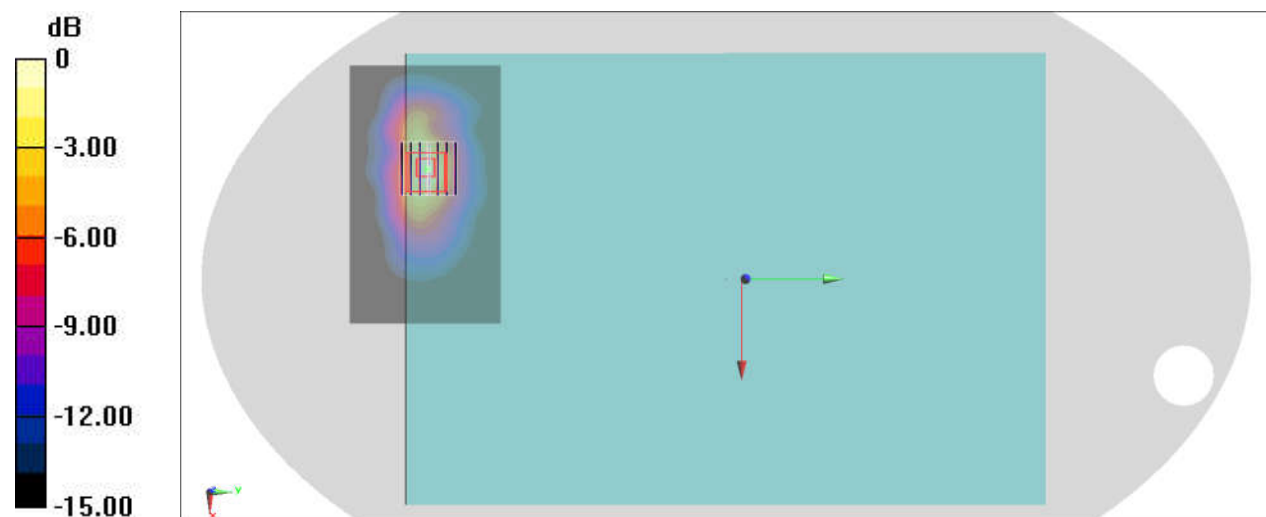
Peak SAR (extrapolated) = 2.48 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.477 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

**#02\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Edge 4\_0mm\_Ch50;Ant 1**

Communication System: 802.11ac; Frequency: 5250 MHz; Duty Cycle: 1:1.174

Medium: HSL\_5G\_221128 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.598$  S/m;  $\epsilon_r = 35.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(5.45, 5.45, 5.45) @ 5250 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.915 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.8530 V/m; Power Drift = 0.06 dB

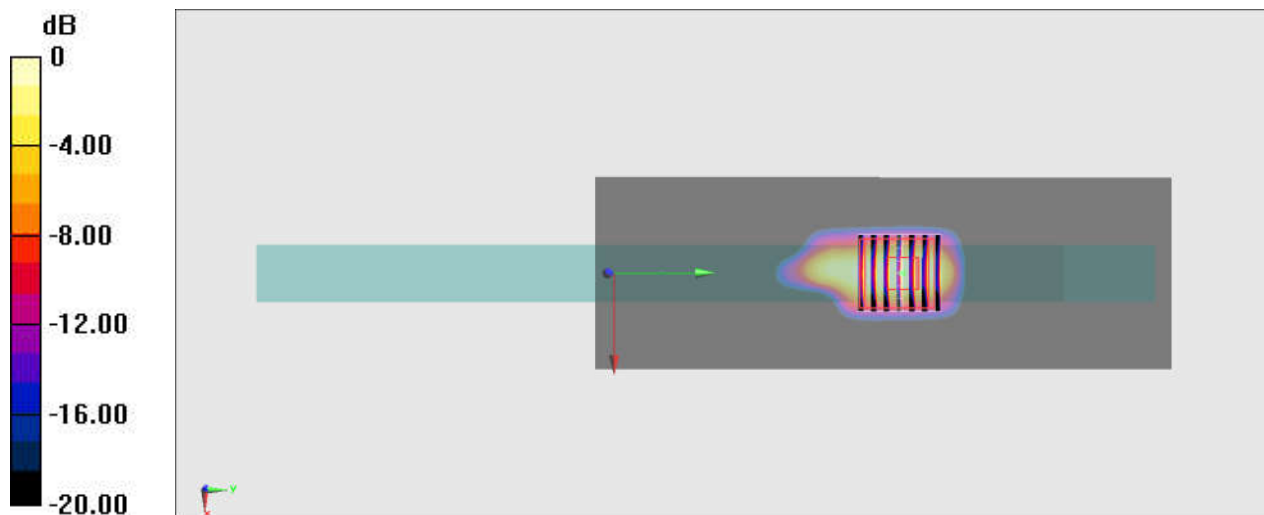
Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.126 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.1%

Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg = -0.87 dBW/kg

**#03\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Edge 2\_0mm\_Ch114;Ant 2**

Communication System: 802.11ac; Frequency: 5570 MHz; Duty Cycle: 1:1.174

Medium: HSL\_5G\_221128 Medium parameters used:  $f = 5570$  MHz;  $\sigma = 4.965$  S/m;  $\epsilon_r = 34.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(4.85, 4.85, 4.85) @ 5570 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x181x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 1.30 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 1.027 V/m; Power Drift = 0.05 dB

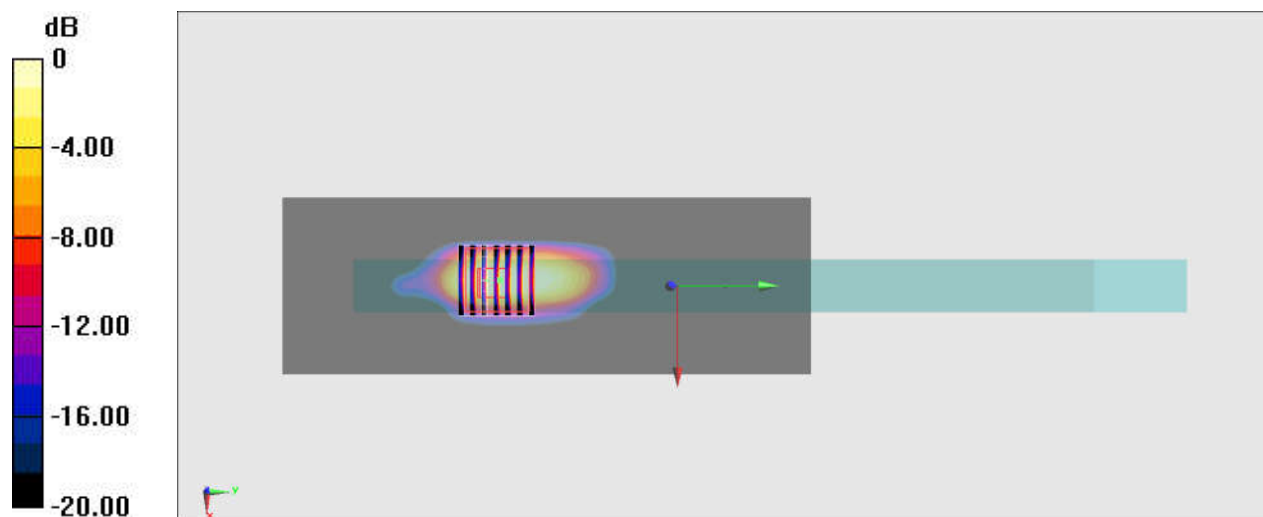
Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.165 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 67.4%

Maximum value of SAR (measured) = 1.04 W/kg



**#04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 4\_0mm\_Ch155;Ant 1**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.103

Medium: HSL\_5G\_221128 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.204$  S/m;  $\epsilon_r = 34.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5775 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.661 V/m; Power Drift = 0.06 dB

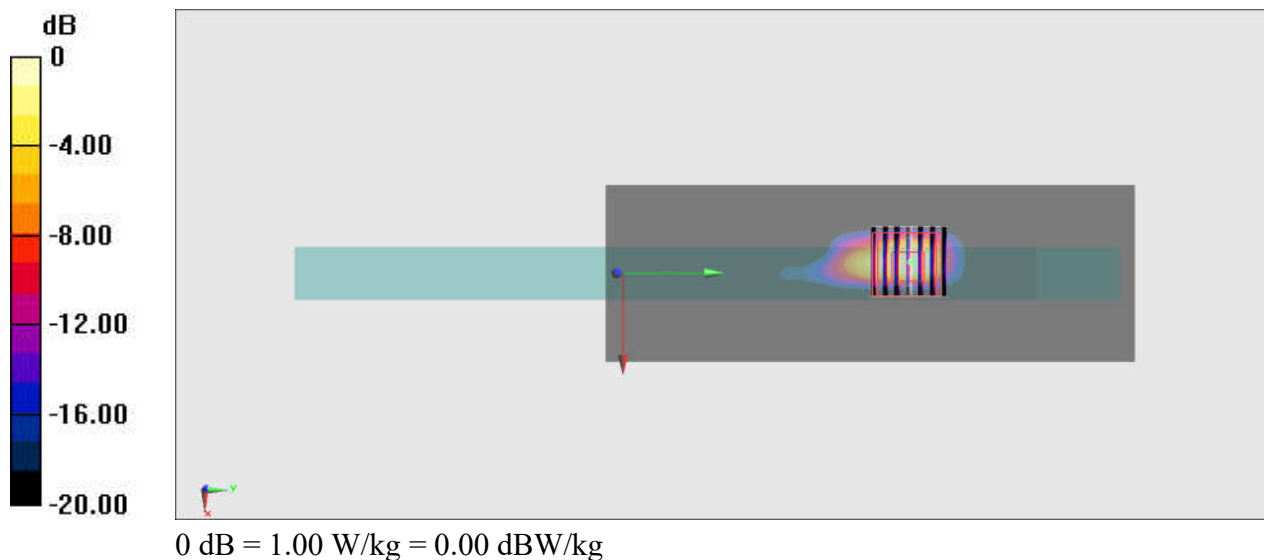
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.135 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 66.8%

Maximum value of SAR (measured) = 1.00 W/kg



**#05\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Edge 2\_0mm\_Ch163;Ant 2**

Communication System: 802.11ac; Frequency: 5815 MHz; Duty Cycle: 1:1.101

Medium: HSL\_5G\_221128 Medium parameters used:  $f = 5815$  MHz;  $\sigma = 5.251$  S/m;  $\epsilon_r = 34.386$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5815 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

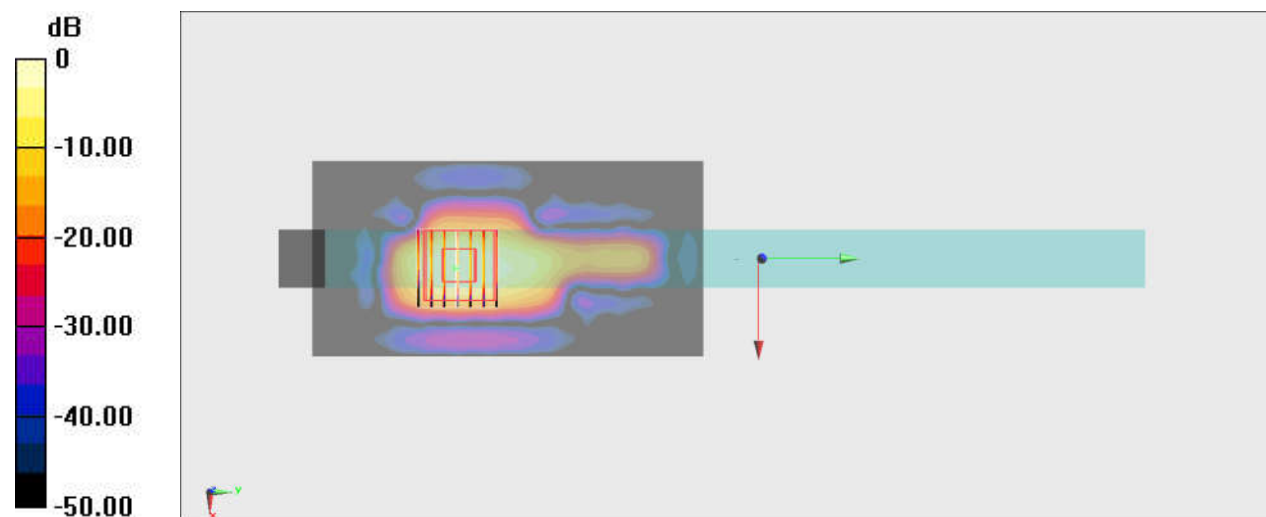
Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.129 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

**#06\_WLAN6GHz\_802.11ax-HE160 MCS0\_Bottom of Laptop\_0mm\_Ch15;Ant 2**

Communication System: U-NII-5; Frequency: 6025.0

Medium: MSL\_6G\_221129 Medium parameters used:  $f = 6025.0$  MHz;  $\sigma = 5.64$  S/m;  $\epsilon_r = 34.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(5.35, 5.35, 5.35); Calibrated: 2022-01-27
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2022-10-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10755-AAC
- MAIA: Area Scan: Y; Zoom Scan: Y

**Area Scan (102.0 mm x 68.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

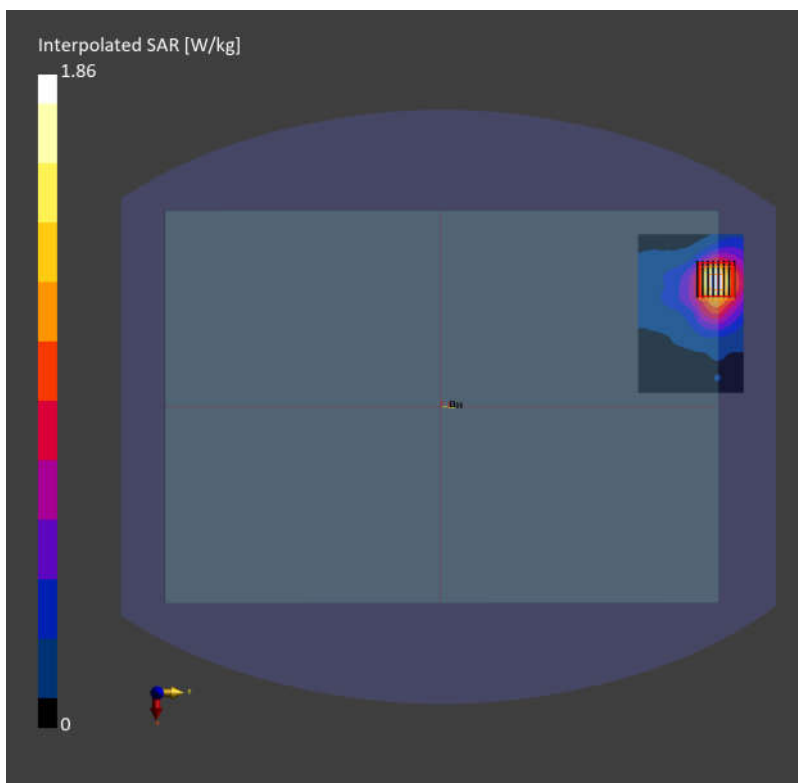
SAR (1g) = 0.492 W/kg; SAR (10g) = 0.188 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.12 dB

SAR (1g) = 0.461 W/kg; SAR (8g) = 0.188 W/kg; SAR (10g) = 0.165 W/kg;

psAPD (1.0cm<sup>2</sup>, sq) = 4.61 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 3.77 [W/m<sup>2</sup>]



**#07\_Bluetooth\_1Mbps\_Bottom of Laptop\_0mm\_Ch0;Ant 2**

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_221128 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.747$  S/m;  $\epsilon_r = 39.558$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7625; ConvF(7.91, 7.91, 7.91) @ 2402 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2055
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (111x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.191 W/kg

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

Reference Value = 6.665 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.066 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 0.219 W/kg

