

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch6;Ant 1+2

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: HSL_2450_220115 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 38.215$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2437 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x341x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.573 W/kg

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

Reference Value = 16.38 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.789 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.656 W/kg

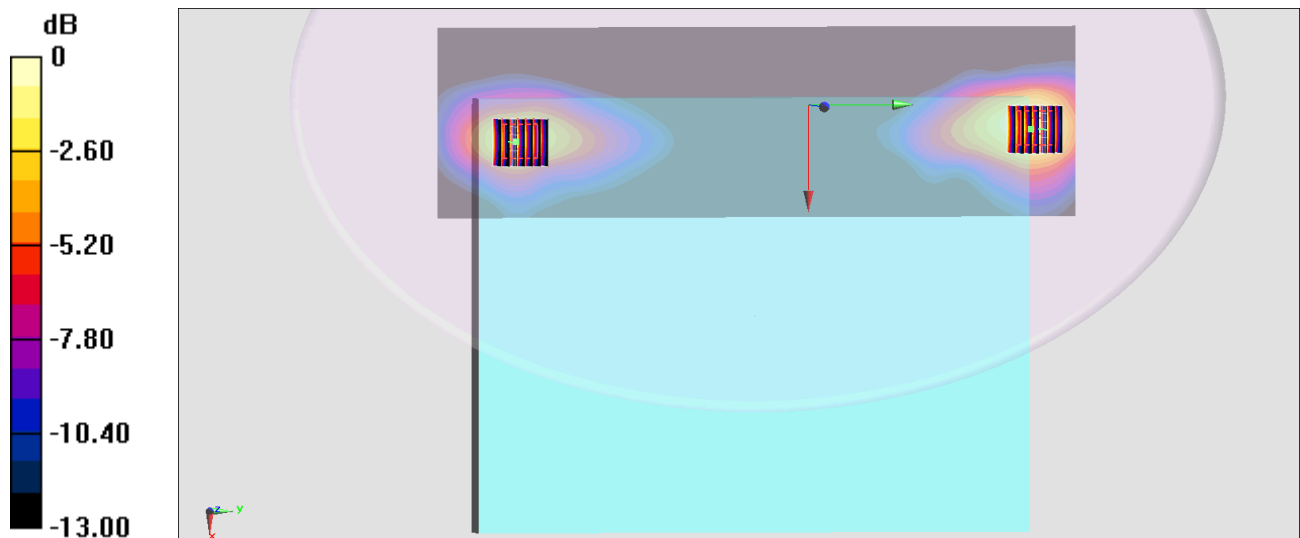
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.38 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.532 W/kg



0 dB = 0.532 W/kg = -2.74 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch56;Ant 1+2

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.012

Medium: HSL_5G_220116 Medium parameters used: $f = 5280$ MHz; $\sigma = 4.642$ S/m; $\epsilon_r = 36.143$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.23, 5.23, 5.23) @ 5280 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x421x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

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

Reference Value = 14.27 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 1.11 W/kg

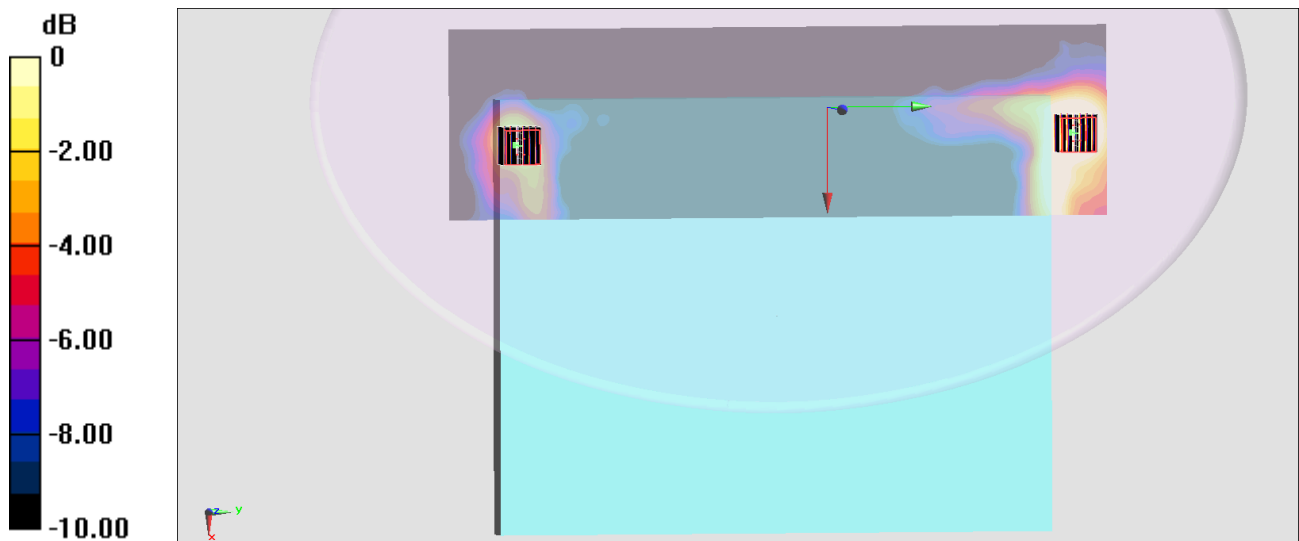
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.27 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



#03_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch132;Ant 1+2

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.007

Medium: HSL_5G_220116 Medium parameters used: $f = 5660$ MHz; $\sigma = 4.961$ S/m; $\epsilon_r = 35.801$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5660 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x421x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.973 W/kg

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

Reference Value = 13.29 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 1.03 W/kg

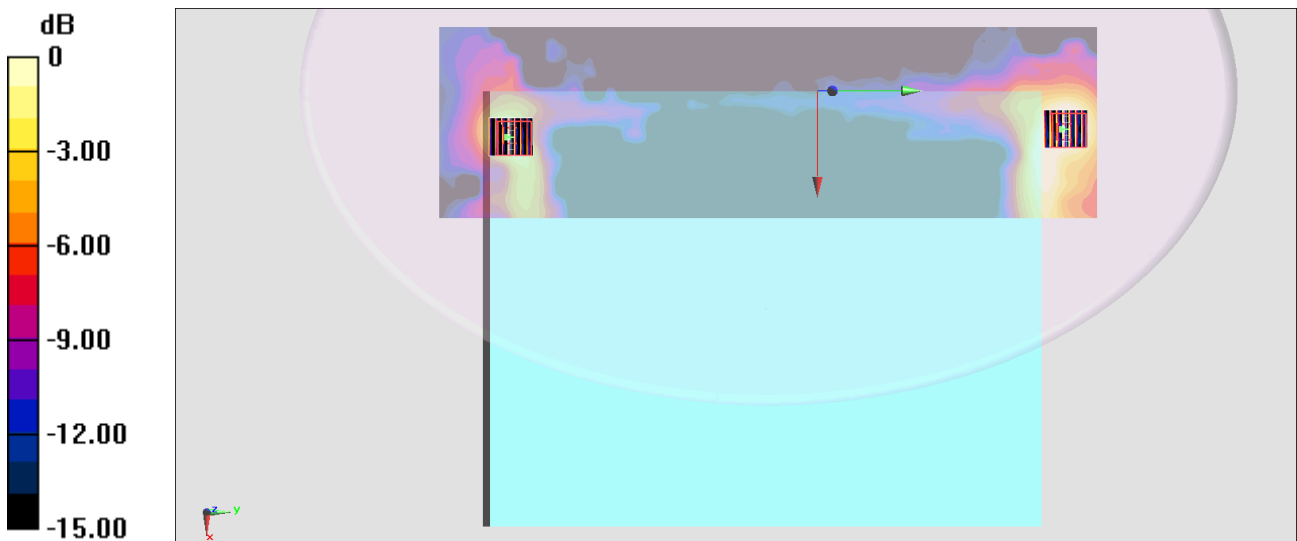
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.29 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.753 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.444 W/kg



0 dB = 0.444 W/kg = -3.53 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch157;Ant 1+2

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.012

Medium: HSL_5G_220116 Medium parameters used : $f = 5785 \text{ MHz}$; $\sigma = 5.081 \text{ S/m}$; $\epsilon_r = 35.462$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.81, 4.81, 4.81) @ 5785 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x421x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.991 W/kg

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

Reference Value = 13.11 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.453 W/kg ; SAR(10 g) = 0.181 W/kg

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

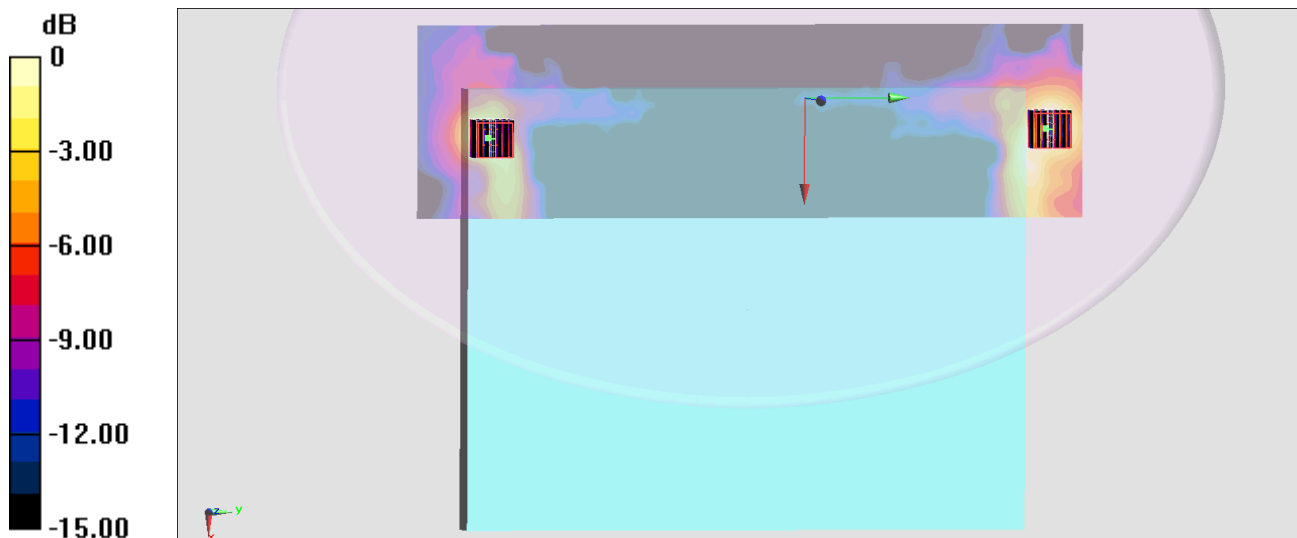
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 13.11 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.241 W/kg ; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.545 W/kg



0 dB = $0.545 \text{ W/kg} = -2.64 \text{ dBW/kg}$

#05_WLAN6GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch57;Ant 1+2

Communication System: U-NII-5; Frequency: 6235.0

Medium: HSL. Medium parameters used: $f = 6235.0$ MHz; $\sigma = 5.77$ S/m; $\epsilon_r = 34.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.7, 5.7, 5.7); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn854; Calibrated: 2021-08-19
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10683-AAC
- MAIA: Area Scan: Y; Zoom Scan: Y

Area Scan (102.0 mm x 408.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.182 W/kg; SAR (10g) = 0.071 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

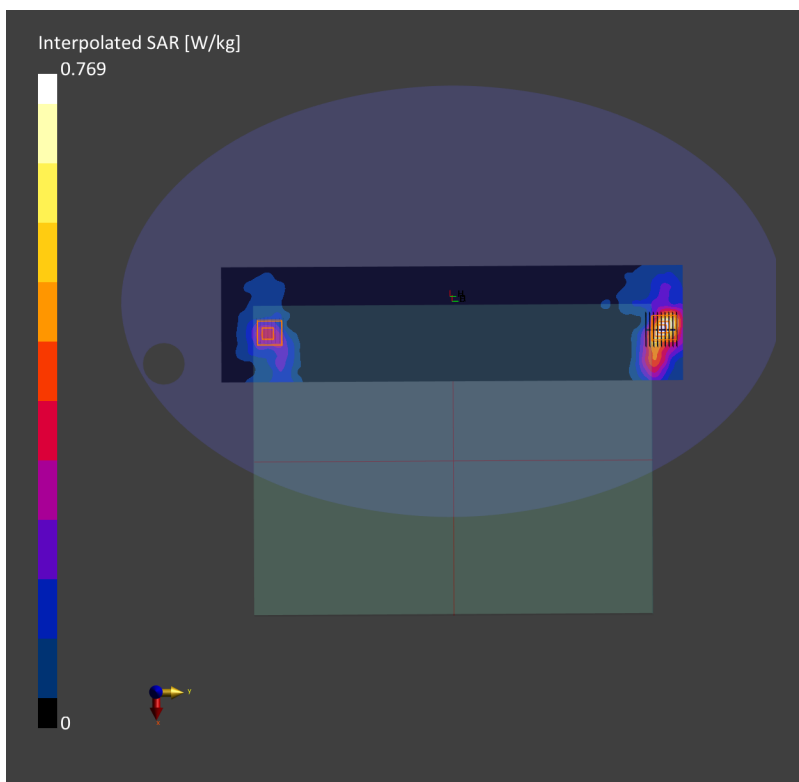
Power Drift = -0.10 dB

SAR (1g) = 0.183 W/kg; SAR (10g) = 0.071 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

mmPower Drift = -0.10 dB

SAR (1g) = 0.086 W/kg; SAR (10g) = 0.032 W/kg;



#06_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.295

Medium: HSL_2450_220115 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.205$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.52, 7.52, 7.52) @ 2441 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.135 W/kg

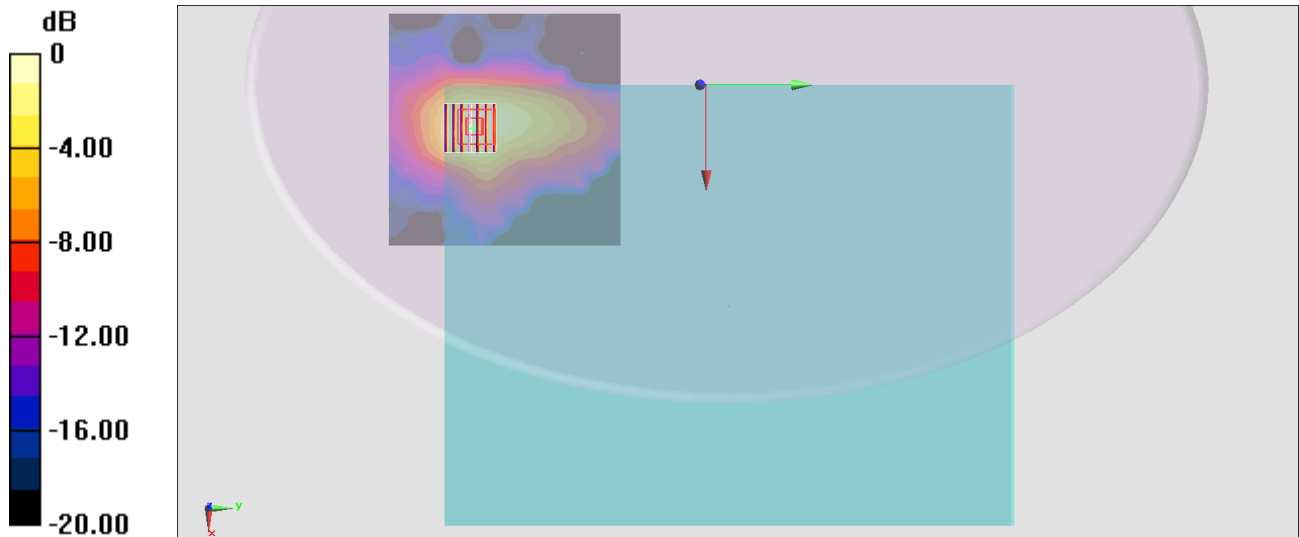
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.790 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg