

Test Laboratory: Compliance Certification Services

Cell Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 825$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 128/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.137 mW/g

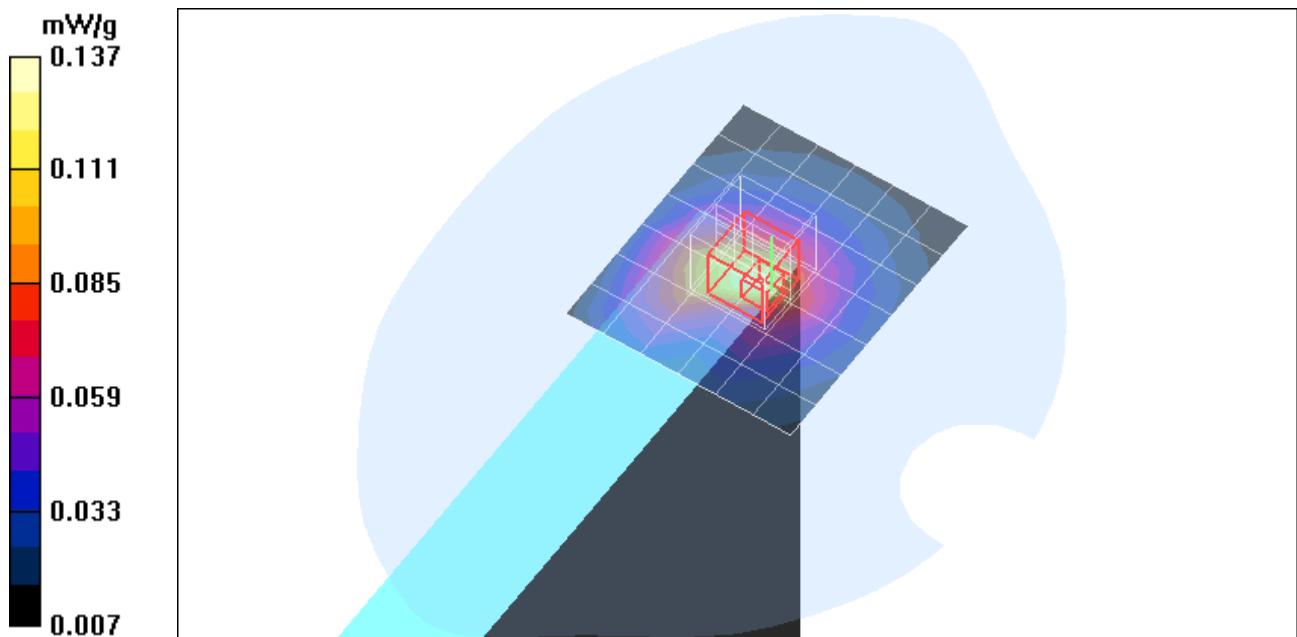
GPRS ch 128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.136 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 837 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 837 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 192/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.087 mW/g

GPRS ch 192/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

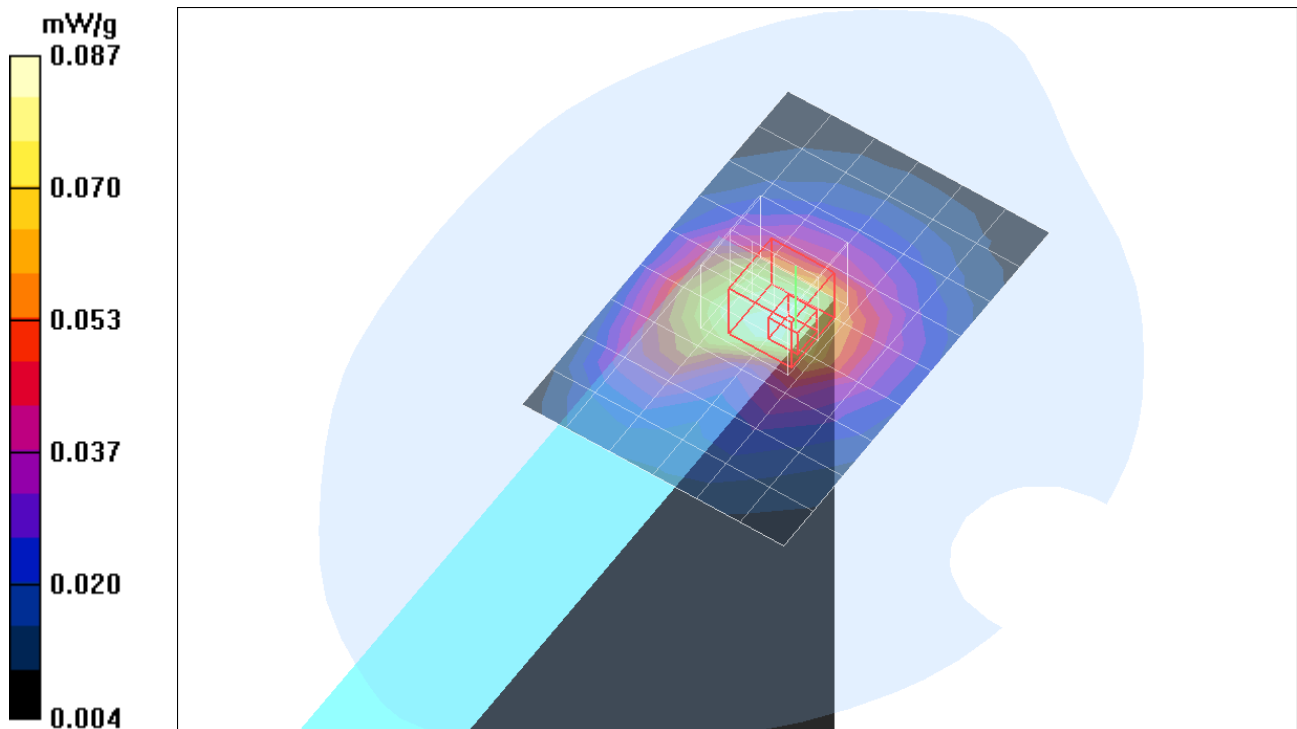
Reference Value = 5.81 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.056 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.109 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 251/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.109 mW/g

GPRS ch 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

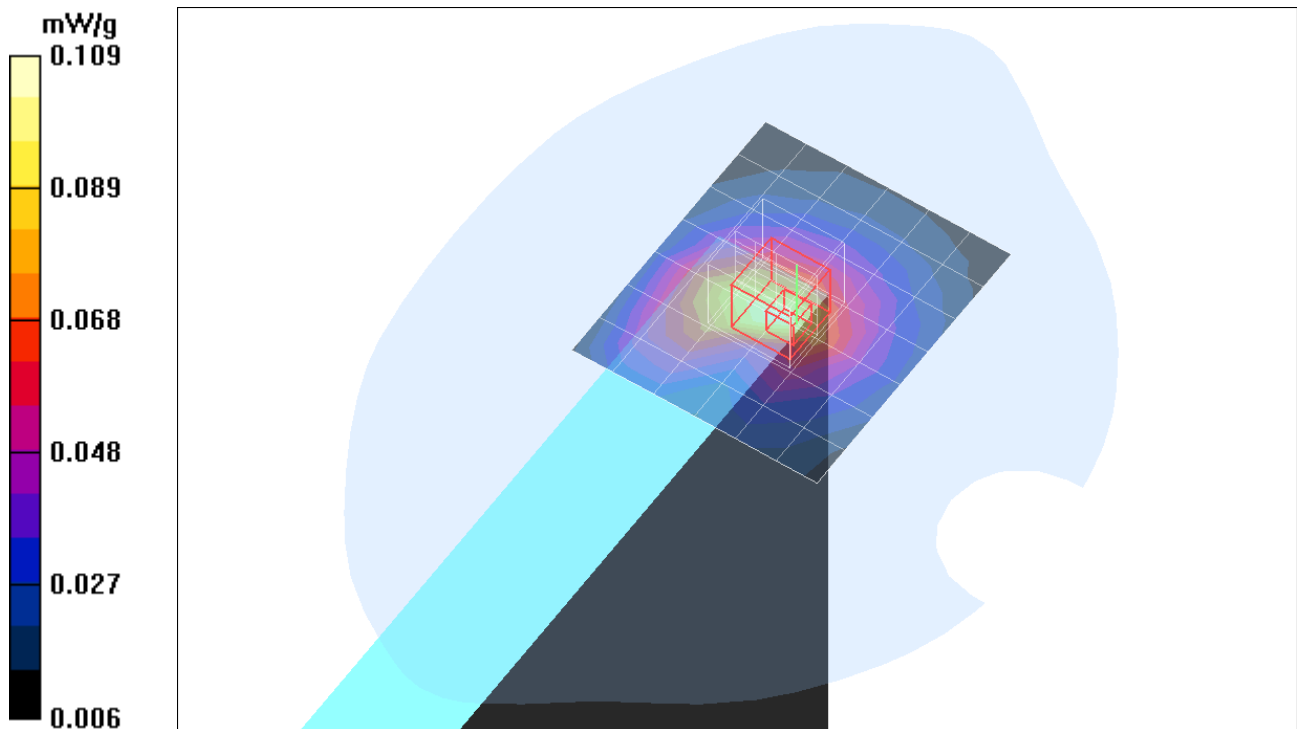
Reference Value = 9.84 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.058 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.110 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 825$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 128 (Co-Tx w/ BT & WLAN 2.4 GHz band)/Area Scan (7x8x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.142 mW/g

GPRS ch 128 (Co-Tx w/ BT & WLAN 2.4 GHz band)/Zoom Scan (5x5x7)/Cube 0:

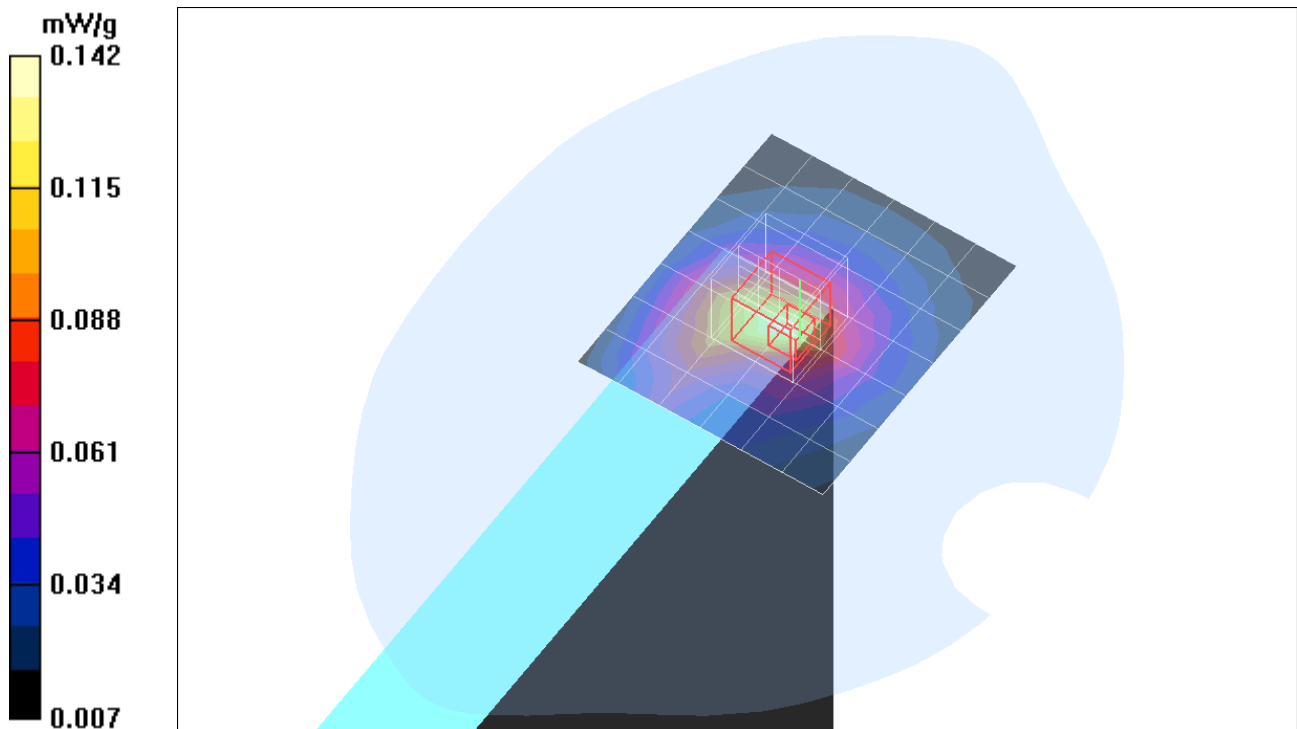
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 825$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 128 (Co-Tx w/ BT & WLAN 5 GHz band)/Area Scan (7x8x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.140 mW/g

GPRS ch 128 (Co-Tx w/ BT & WLAN 5 GHz band)/Zoom Scan (5x5x7)/Cube 0:

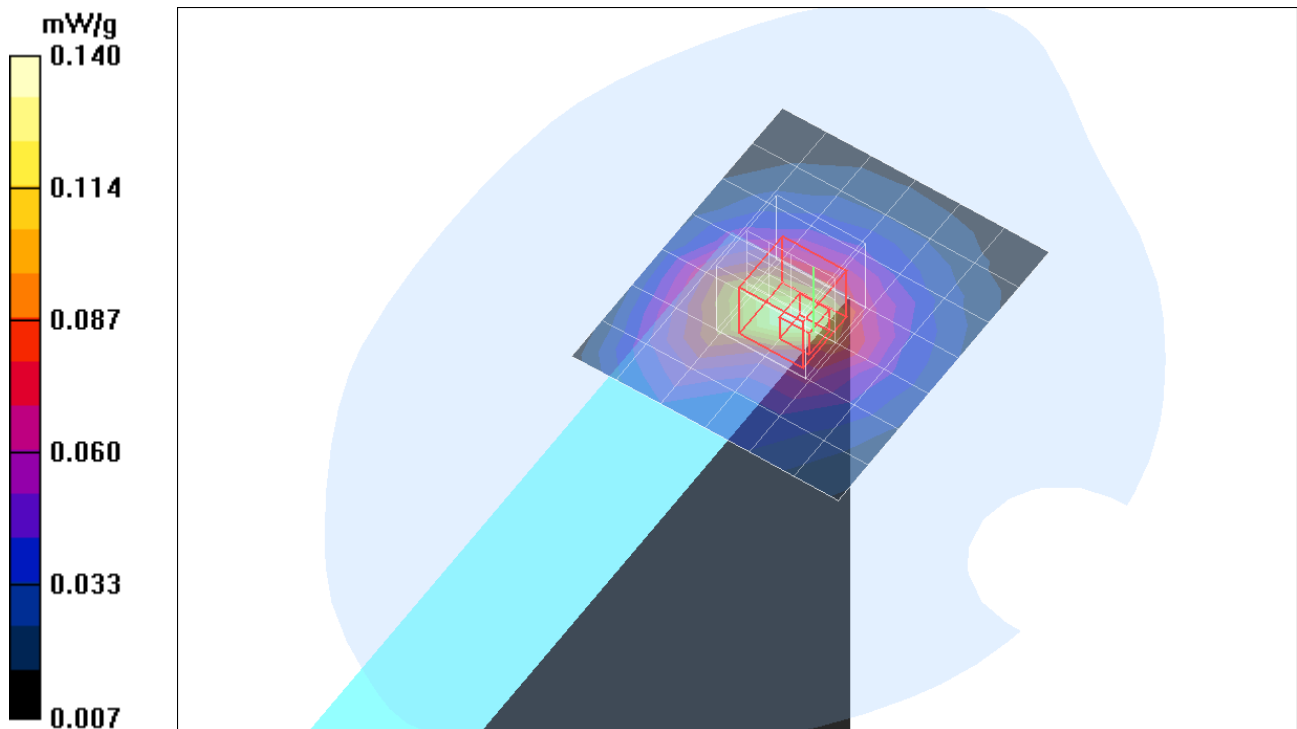
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.37 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Edge position

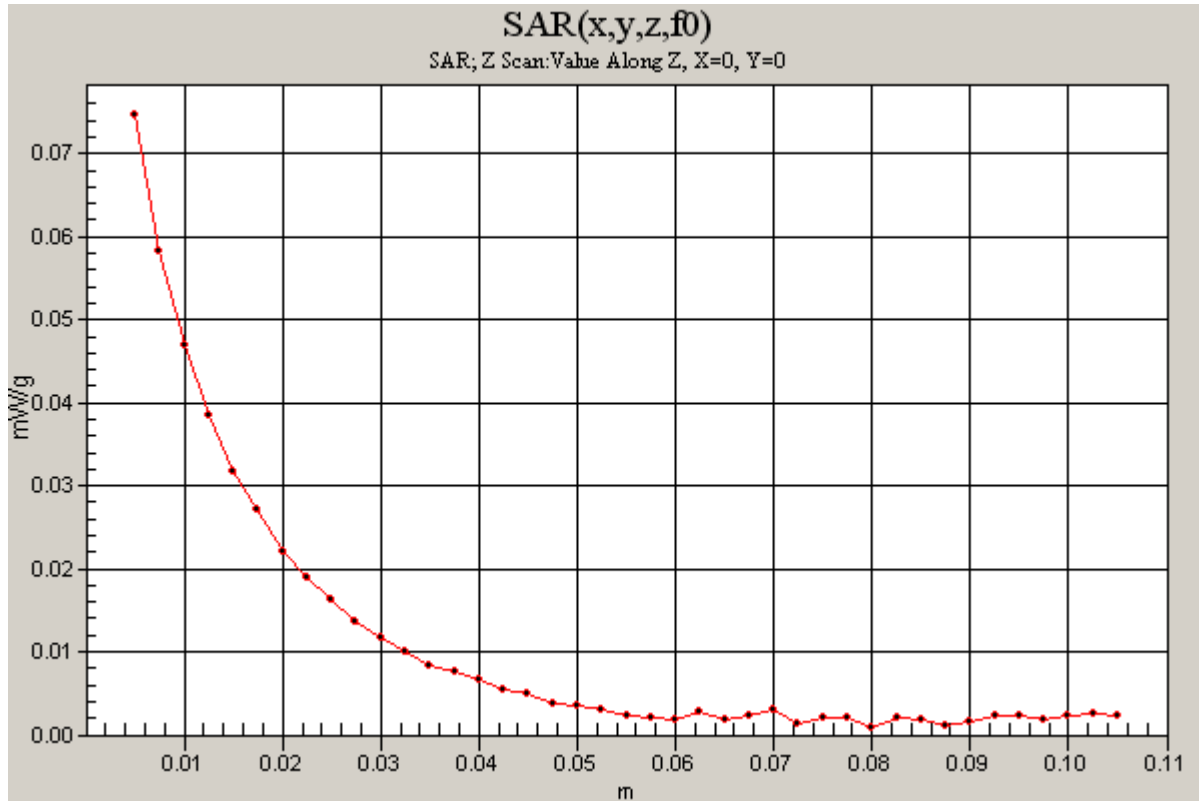
DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4

GPRS ch 128 (Co-Tx w/ BT & WLAN 5 GHz band)/Z Scan (1x1x41): Measurement grid:

dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.075 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 837 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 837$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

EGPRS ch 192/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.027 mW/g

EGPRS ch 192/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

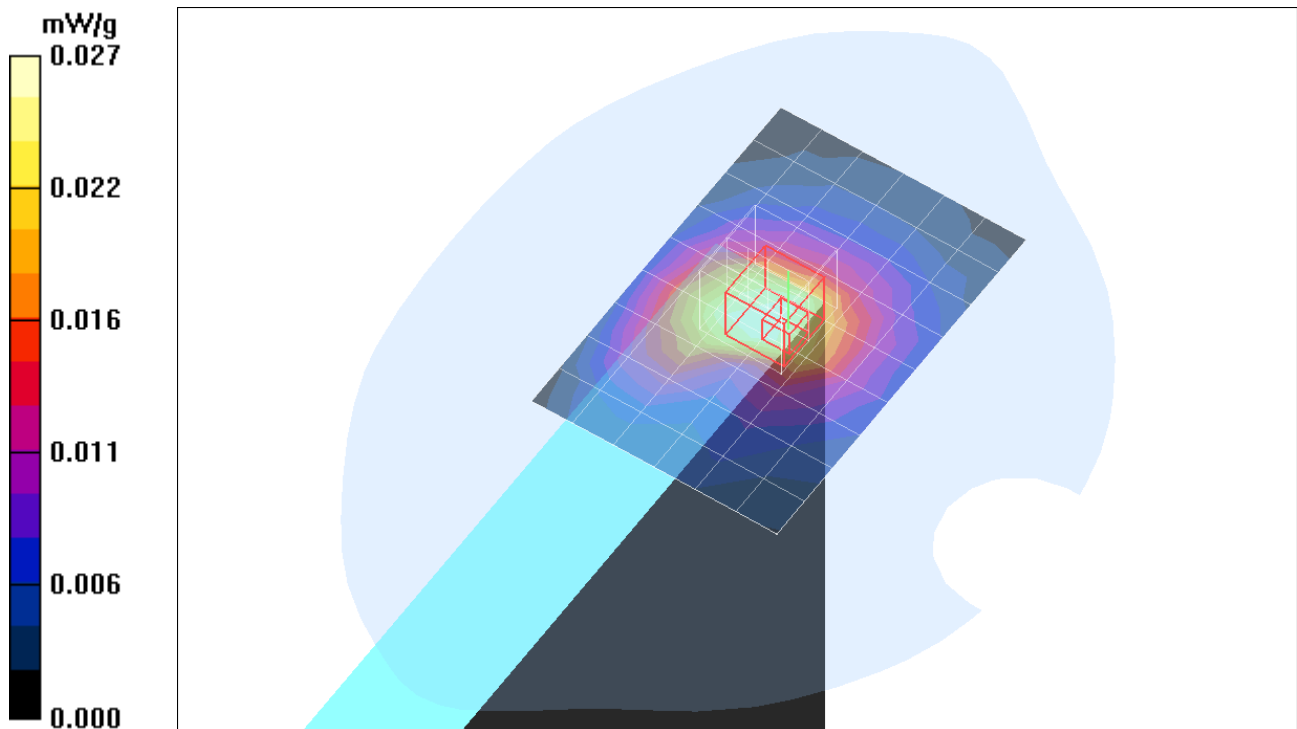
Reference Value = 3.14 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.017 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.034 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Lap Held Position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 128/Area Scan (10x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.085 mW/g

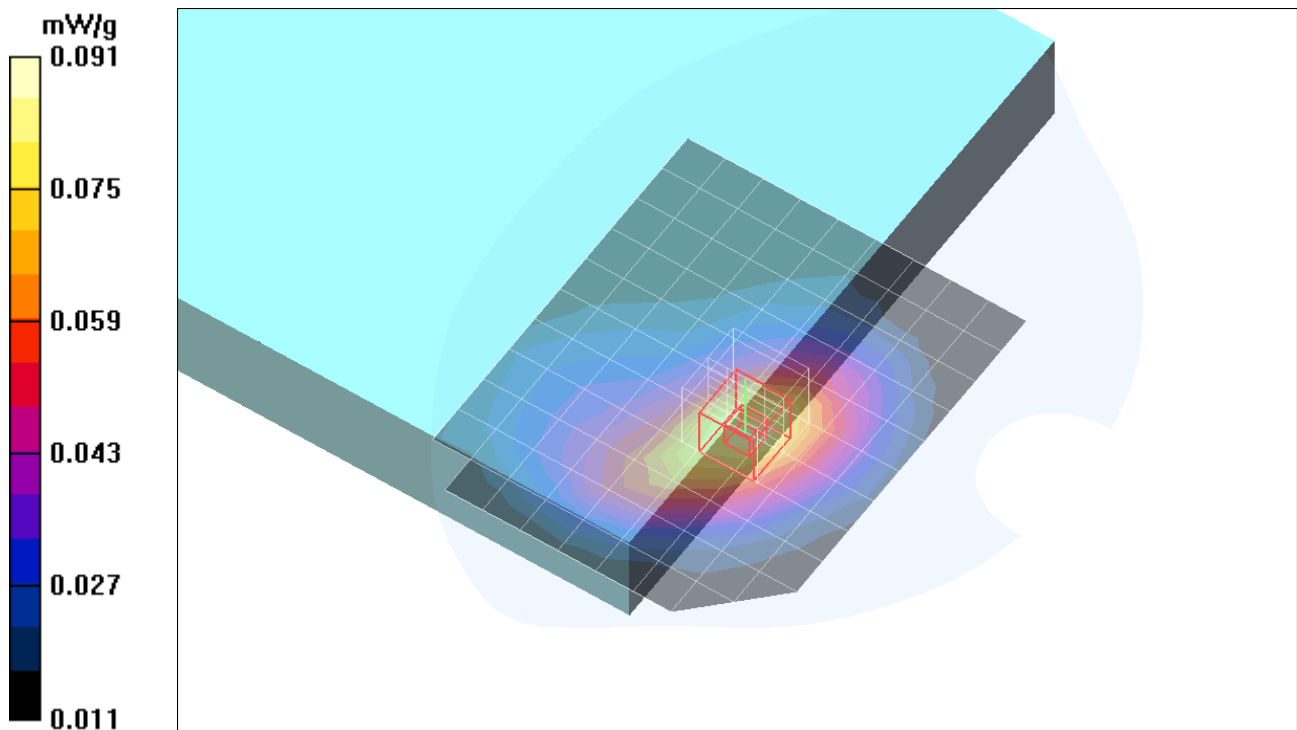
GPRS ch 128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.36 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.091 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Lap Held Position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 837 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 837$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 192/Area Scan (12x19x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.071 mW/g

GPRS ch 192/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

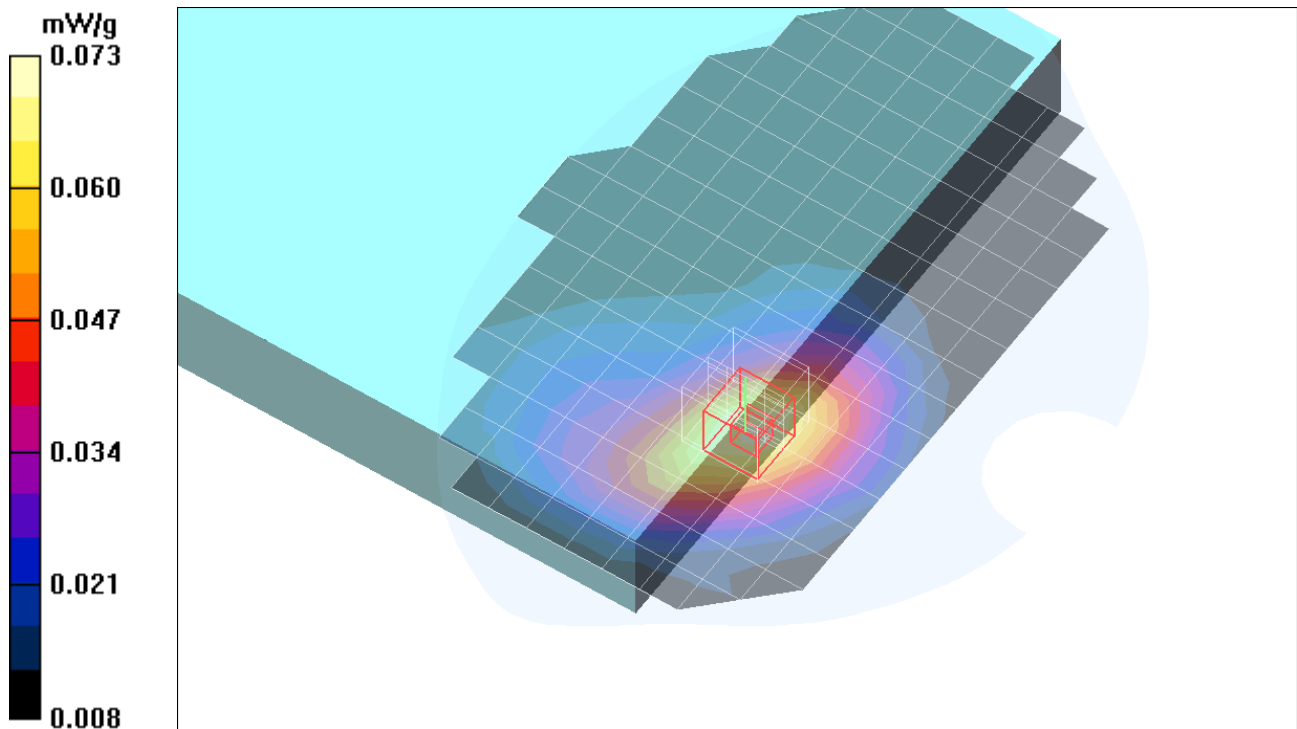
Reference Value = 5.00 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.048 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.073 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Lap Held Position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 251/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.080 mW/g

GPRS ch 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

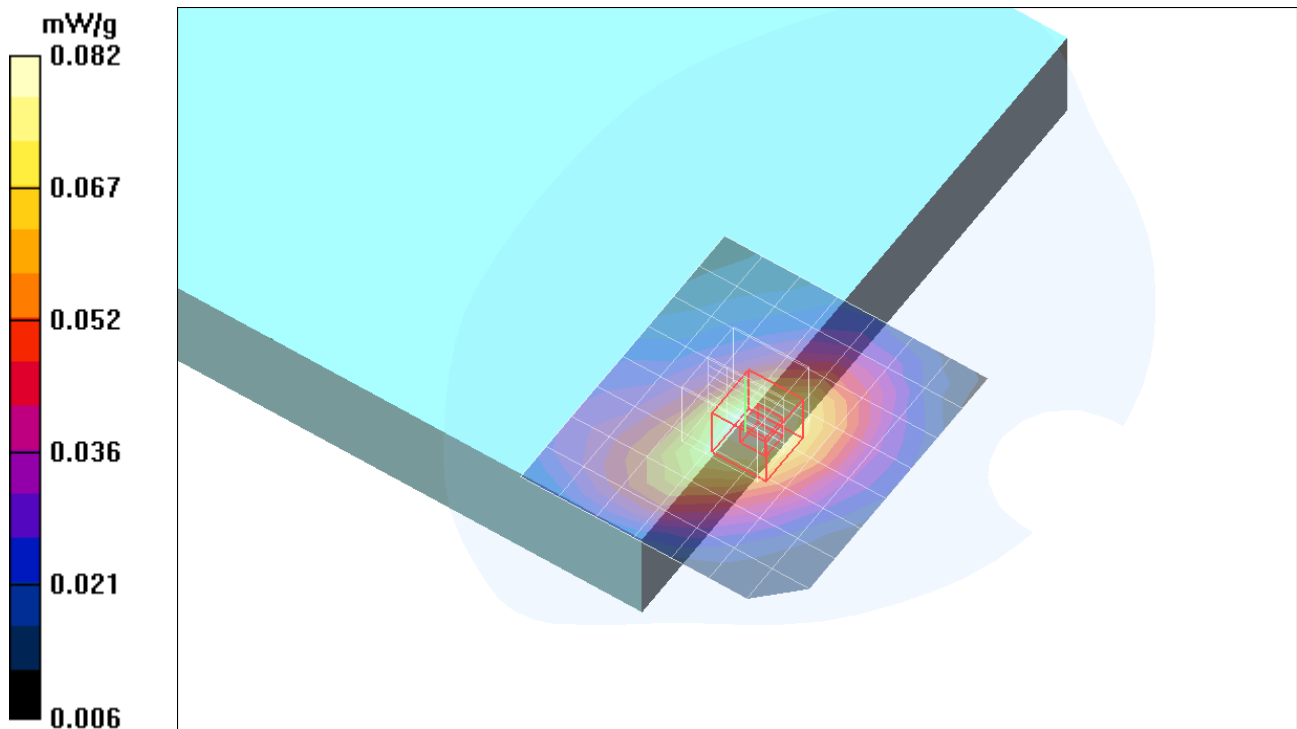
Reference Value = 9.16 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.054 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.082 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Lap Held Position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 128 collocation with WLAN @ 2.4GHz and BT/Area Scan (8x10x1): Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.086 mW/g

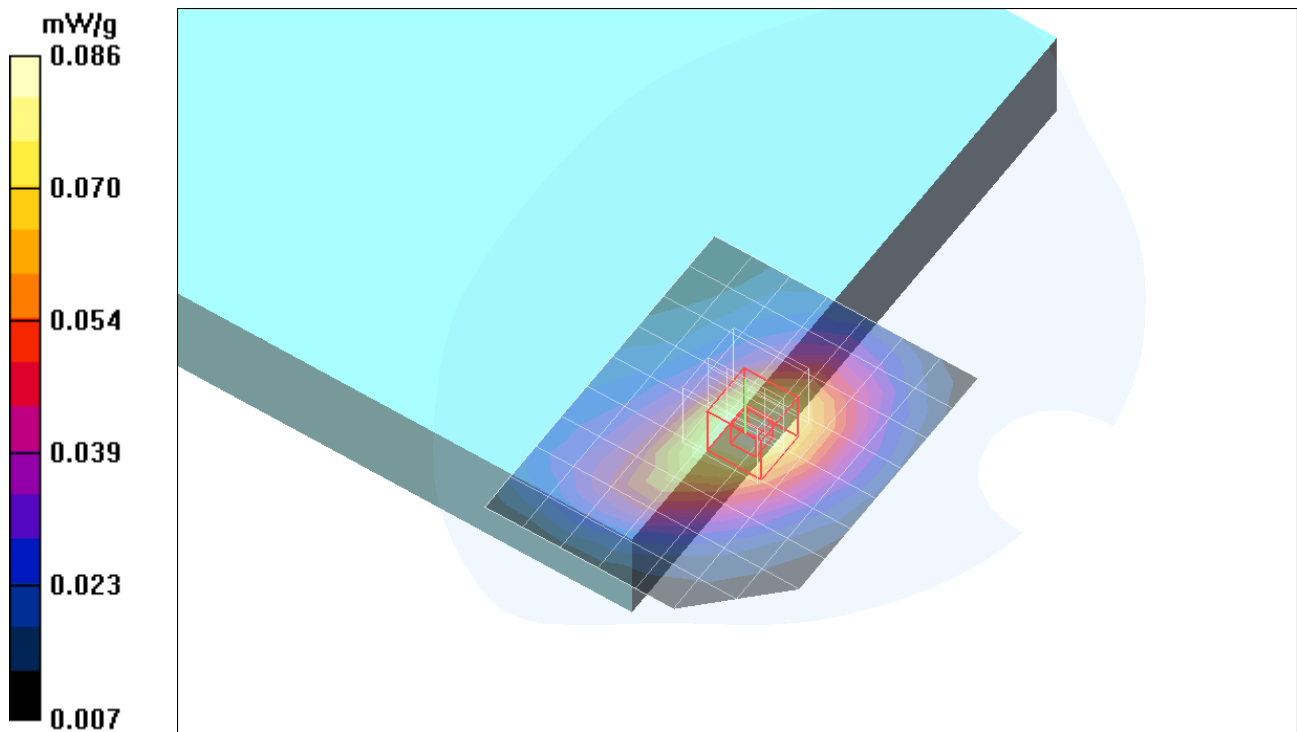
GPRS ch 128 collocation with WLAN @ 2.4GHz and BT/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.47 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.056 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Lap Held Position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 825$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS ch 128 collocation with WLAN @ 5 GHz and BT/Area Scan (8x10x1): Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.082 mW/g

GPRS ch 128 collocation with WLAN @ 5 GHz and BT/Zoom Scan (5x5x7)/Cube 0:

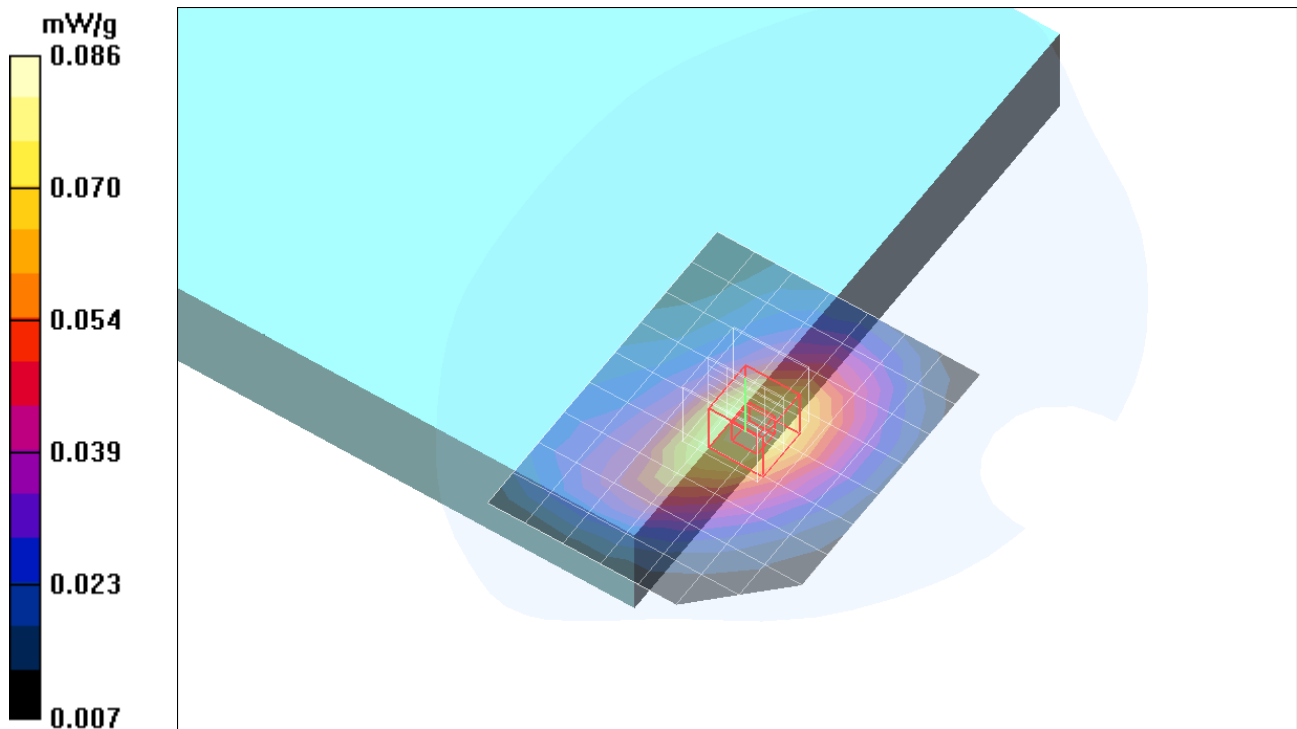
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.39 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



Test Laboratory: Compliance Certification Services

Cell Band - Lap Held Position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: GSM850; Frequency: 837 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 837$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

EGPRS ch 192/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.033 mW/g

EGPRS ch 192/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.90 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.022 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.034 mW/g

