

Test Laboratory: UL CCS

Bottom Face_GPRS1900

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. 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 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Slot2 _M_ CH 661/Area Scan (13x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.040 mW/g

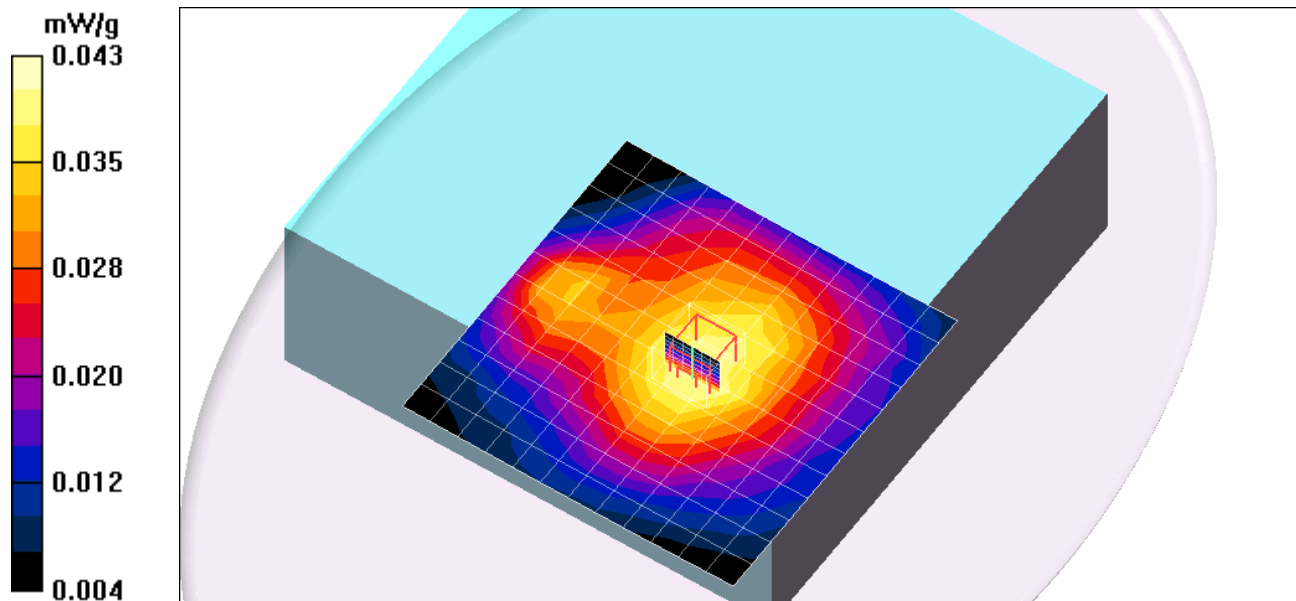
Slot2 _M_ CH 661/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.41 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.043 mW/g



Test Laboratory: UL CCS

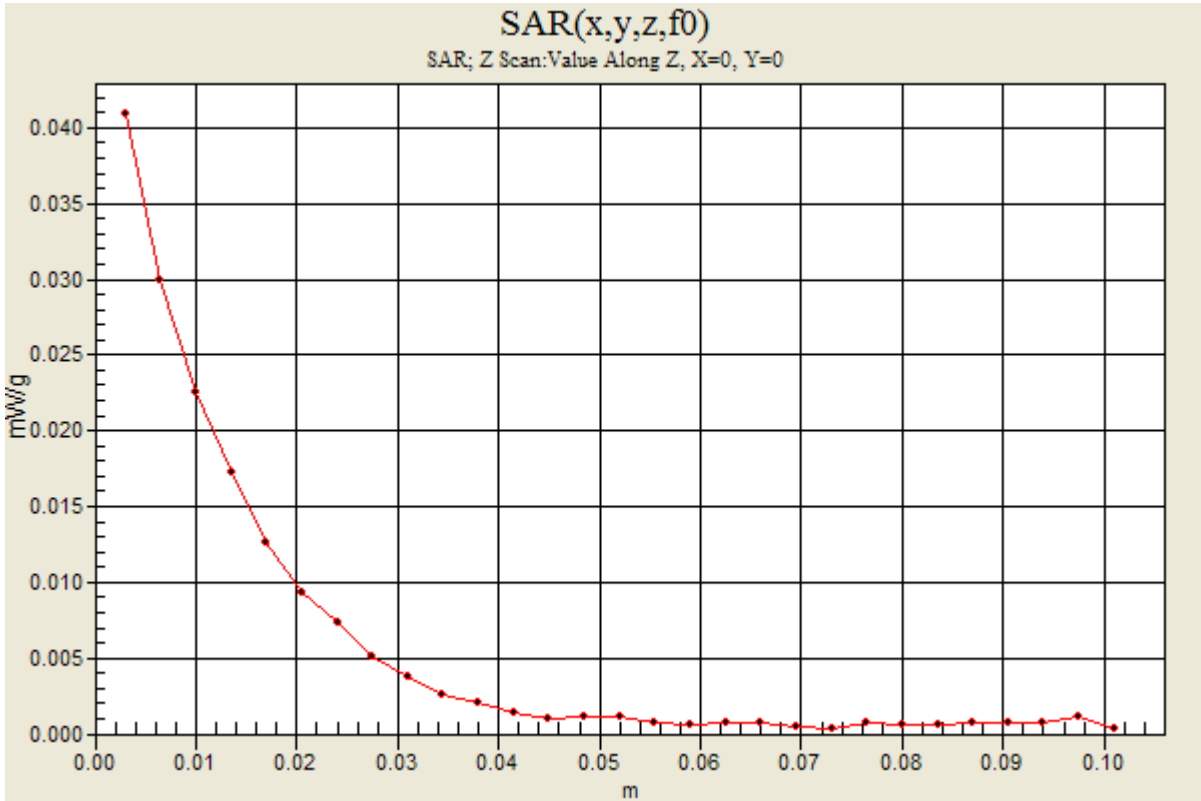
Bottom Face_GPRS1900

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

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:4

Slot2 _M_CH 661/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.041 mW/g



Test Laboratory: UL CCS

Secondary Landscape_GPRS1900

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. 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 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Slot2 _M_ CH 661/Area Scan (11x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.106 mW/g

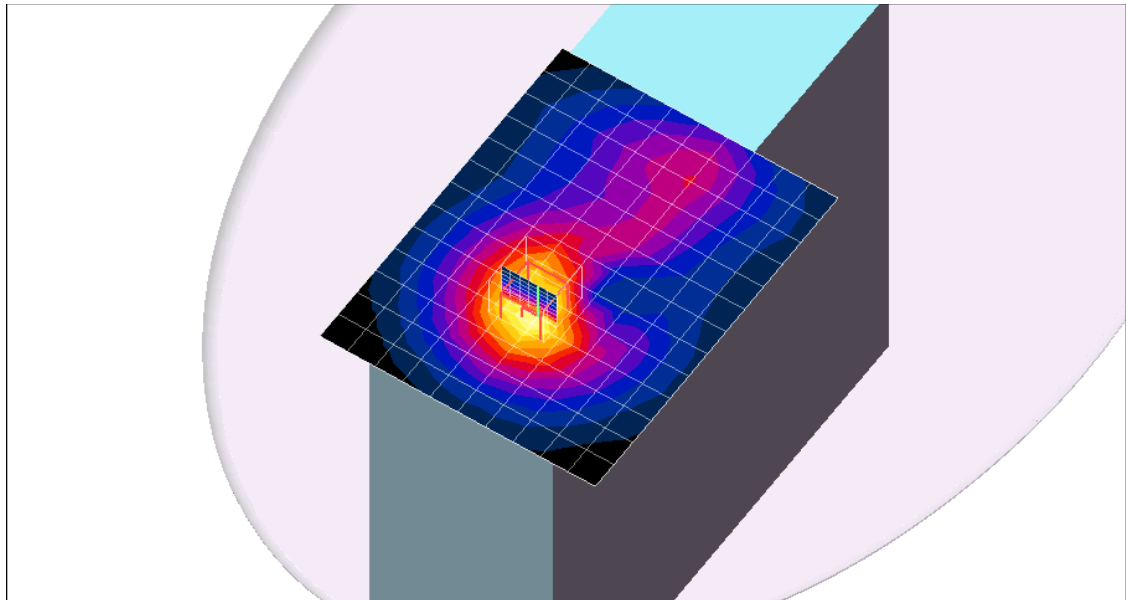
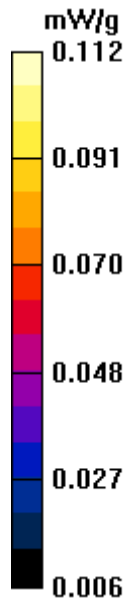
Slot2 _M_ CH 661/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.57 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.112 mW/g



Test Laboratory: UL CCS

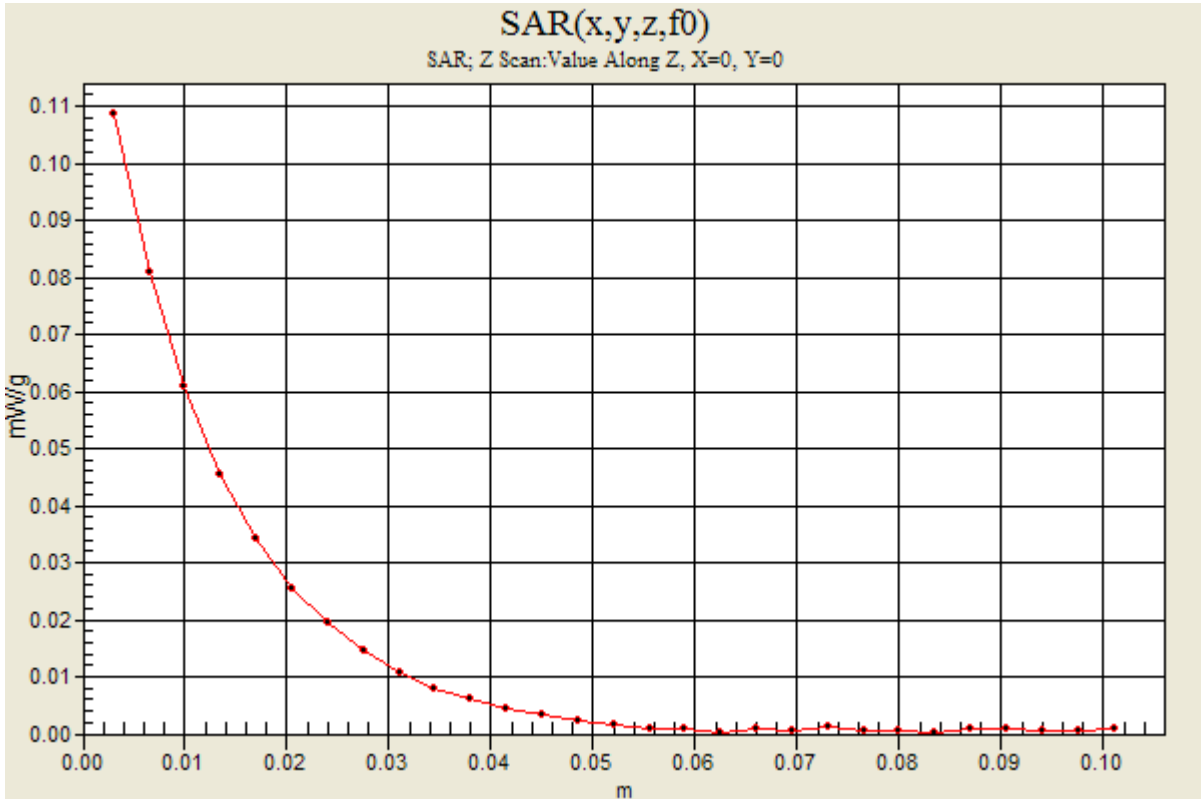
Secondary Landscape_GPRS1900

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Slot2 _M_CH 661/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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



Test Laboratory: UL CCS

Primary Portrait_GPRS1900

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

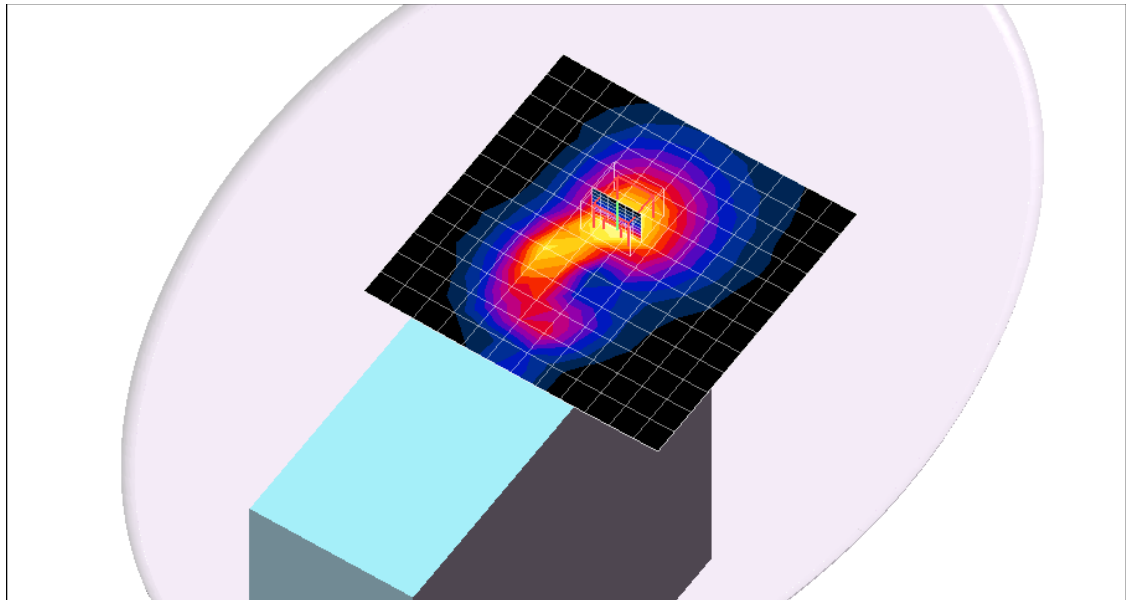
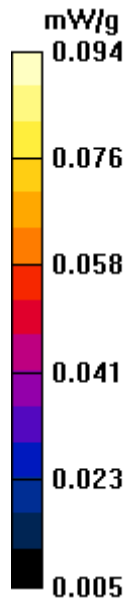
Room Ambient Temperature: 22.0 deg. C; Liquid Temperature: 21.0 deg. C

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 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Slot2 _M_ CH 661/Area Scan (13x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.088 mW/g

Slot2 _M_ CH 661/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.74 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.094 mW/g



Test Laboratory: UL CCS

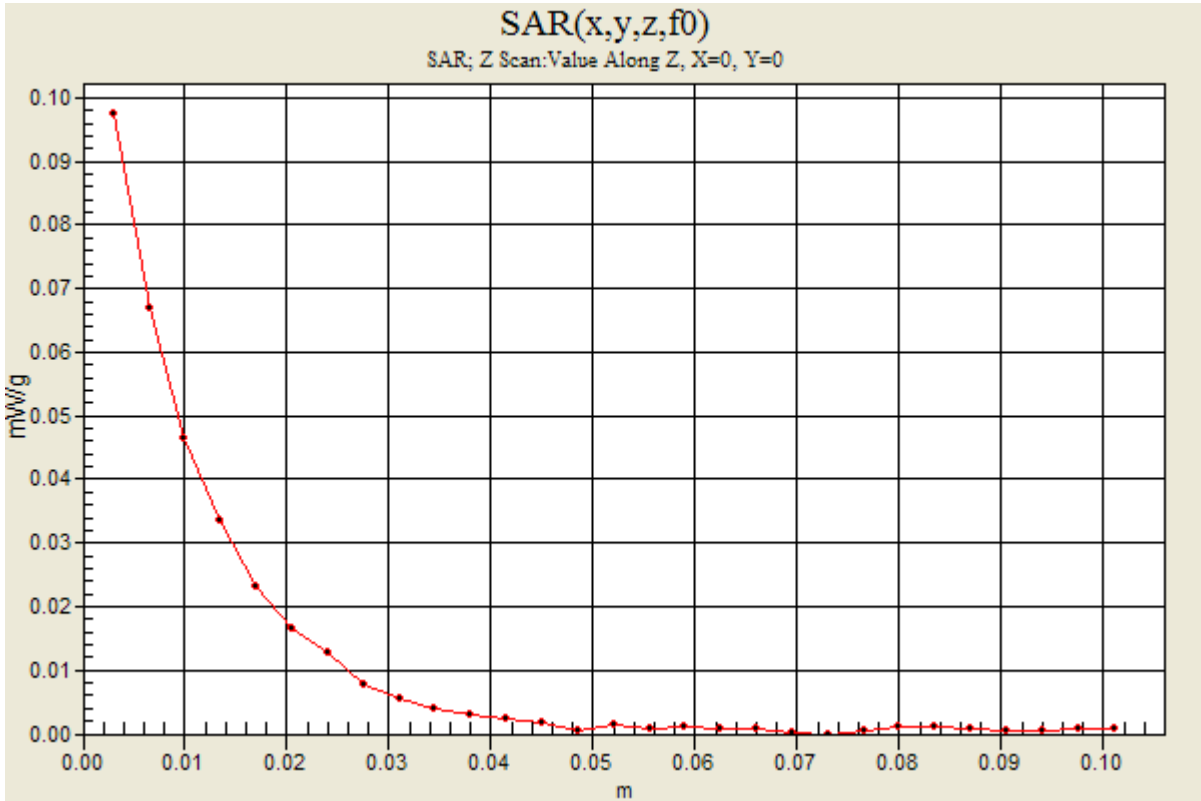
Primary Portrait_GPRS1900

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Slot2 _M_CH 661/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.097 mW/g



Test Laboratory: UL CCS

Bottom Face_CDMA2000

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

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

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

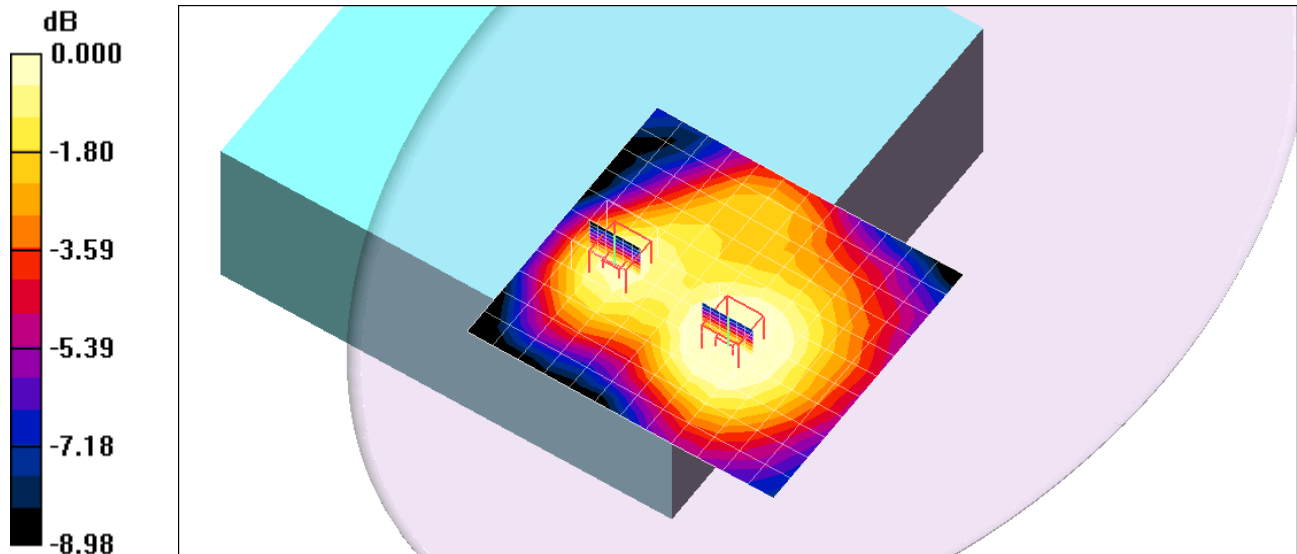
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

CDMA2000 PCS_1xRTT_Ch-M/Area Scan (13x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.064 mW/g

CDMA2000 PCS_1xRTT_Ch-M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 6.62 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.080 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.065 mW/g

CDMA2000 PCS_1xRTT_Ch-M/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 6.62 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.066 W/kg
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.051 mW/g



Test Laboratory: UL CCS

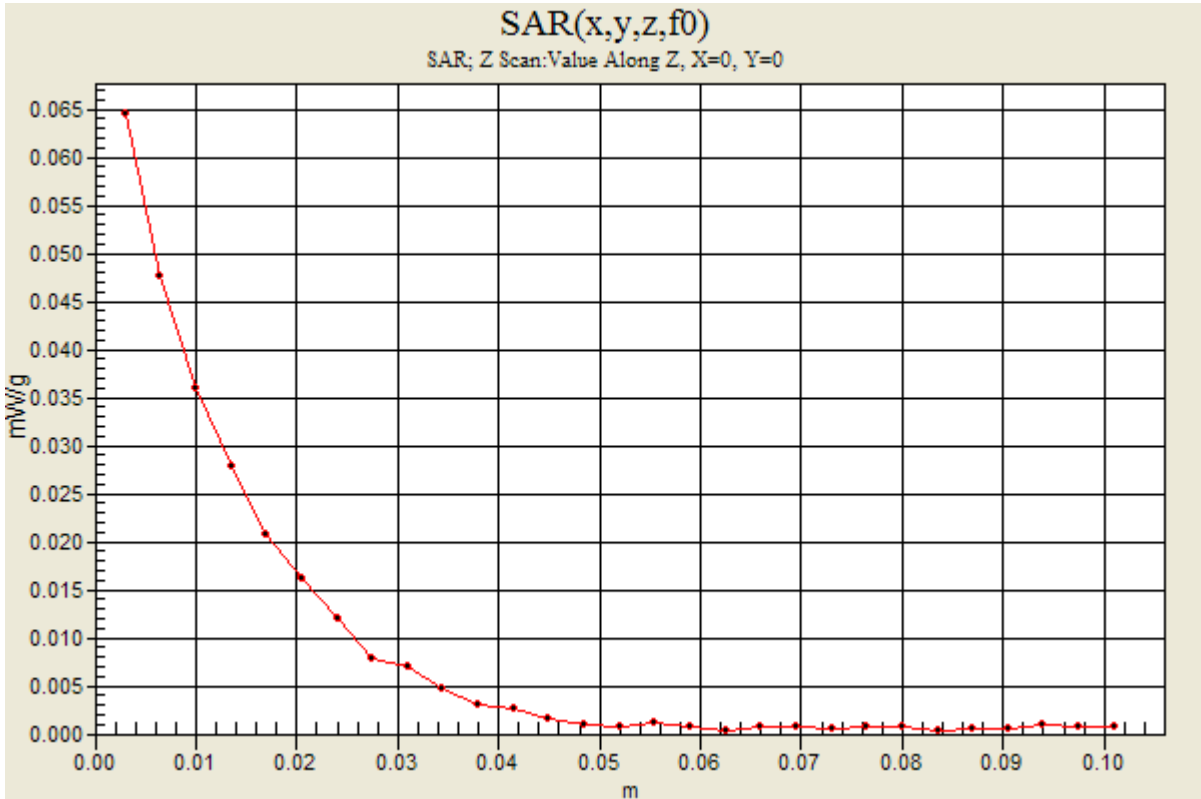
Bottom Face_CDMA2000

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

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:1

CDMA2000 PCS_1xRTT_Ch-M/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.065 mW/g



Test Laboratory: UL CCS

Secondary Landscape_CDMA2000

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. 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 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

CDMA2000 PCS_1xRTT_Ch_M/Area Scan (11x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.046 mW/g

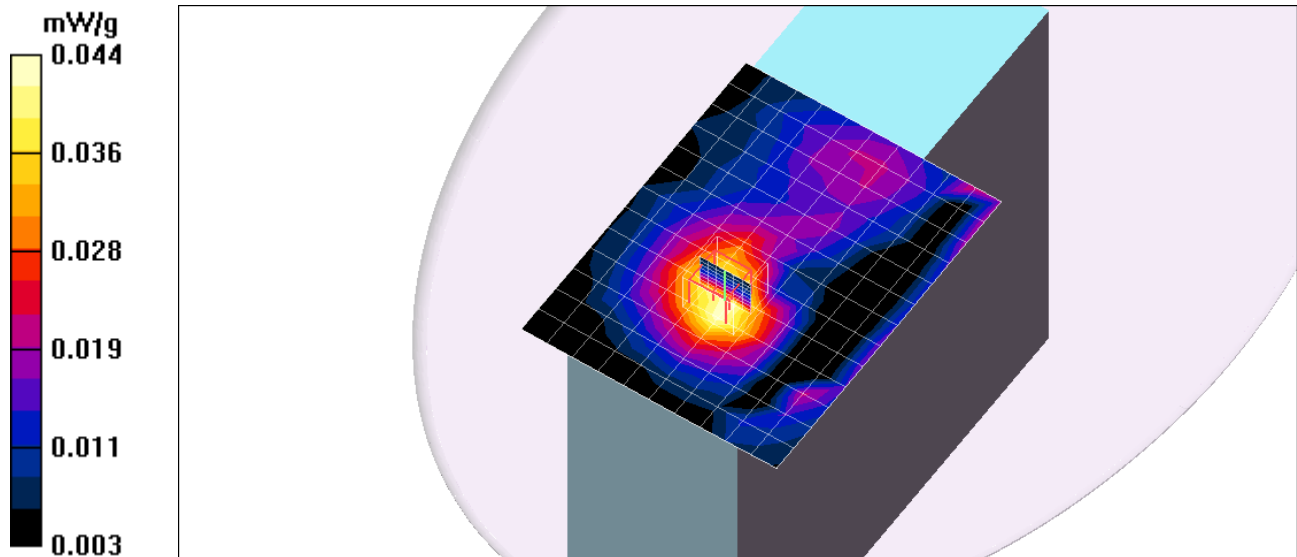
CDMA2000 PCS_1xRTT_Ch_M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.46 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.044 mW/g



Test Laboratory: UL CCS

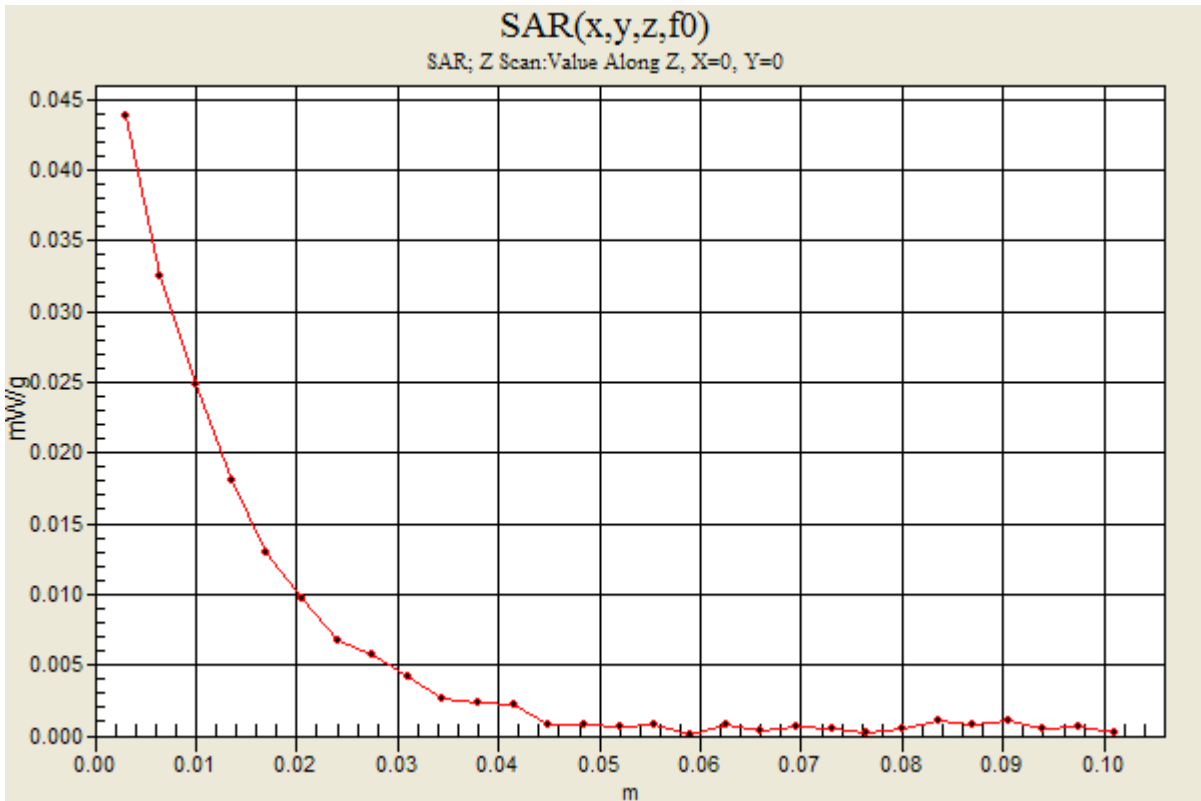
Secondary Landscape_CDMA2000

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1

CDMA2000 PCS_1xRTT_Ch_M/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.044 mW/g



Test Laboratory: UL CCS

Primary Portrait_CDMA2000

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

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. 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 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

CDMA2000 PCS_1xRTT_Ch-M/Area Scan (11x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.095 mW/g

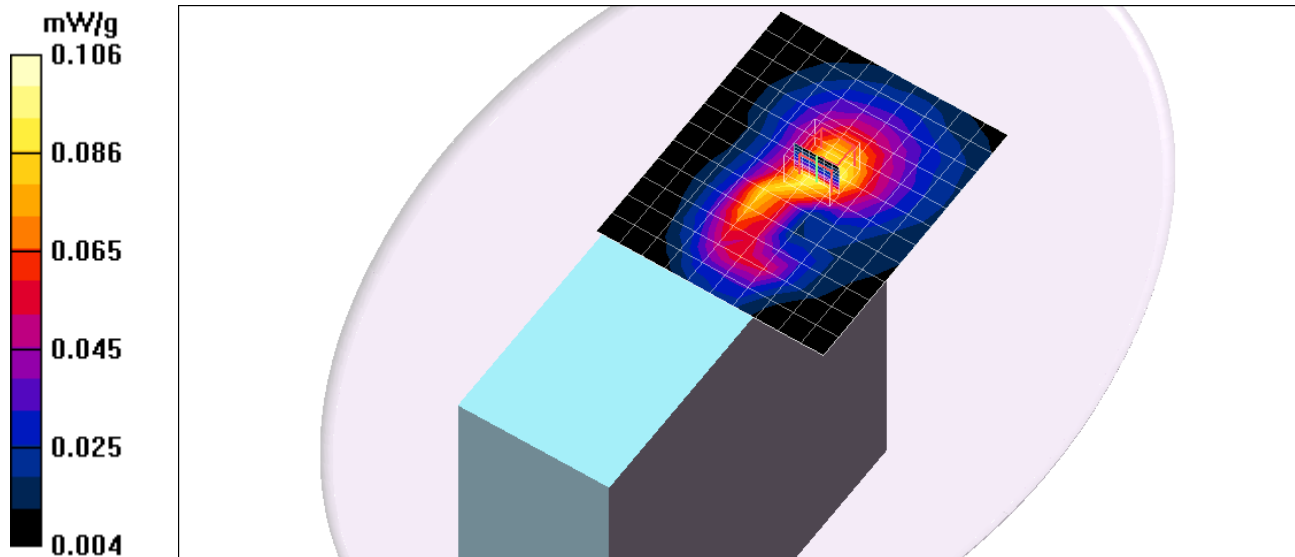
CDMA2000 PCS_1xRTT_Ch-M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.11 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



Test Laboratory: UL CCS

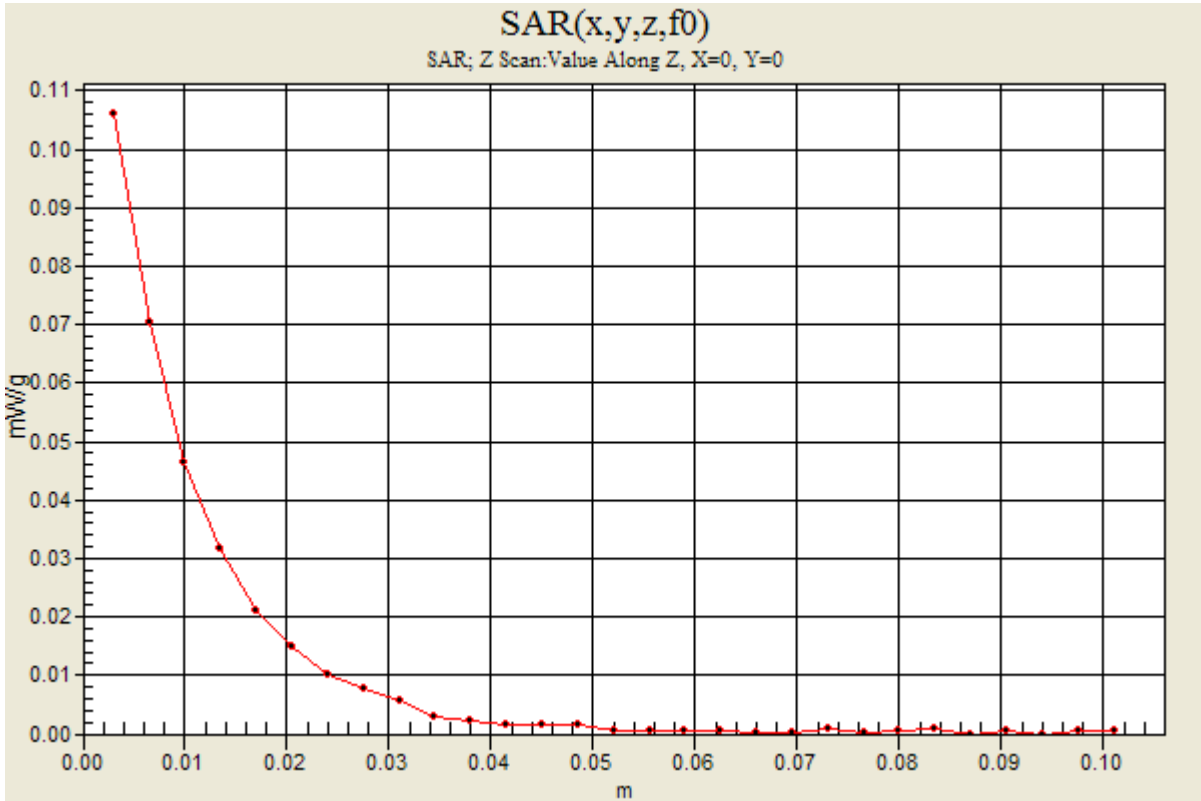
Primary Portrait_CDMA2000

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

Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:1

CDMA2000 PCS_1xRTT_Ch-M/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.106 mW/g



Test Laboratory: UL CCS

Bottom Face_UMTS BAND II

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

Communication System: UMTS Band II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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

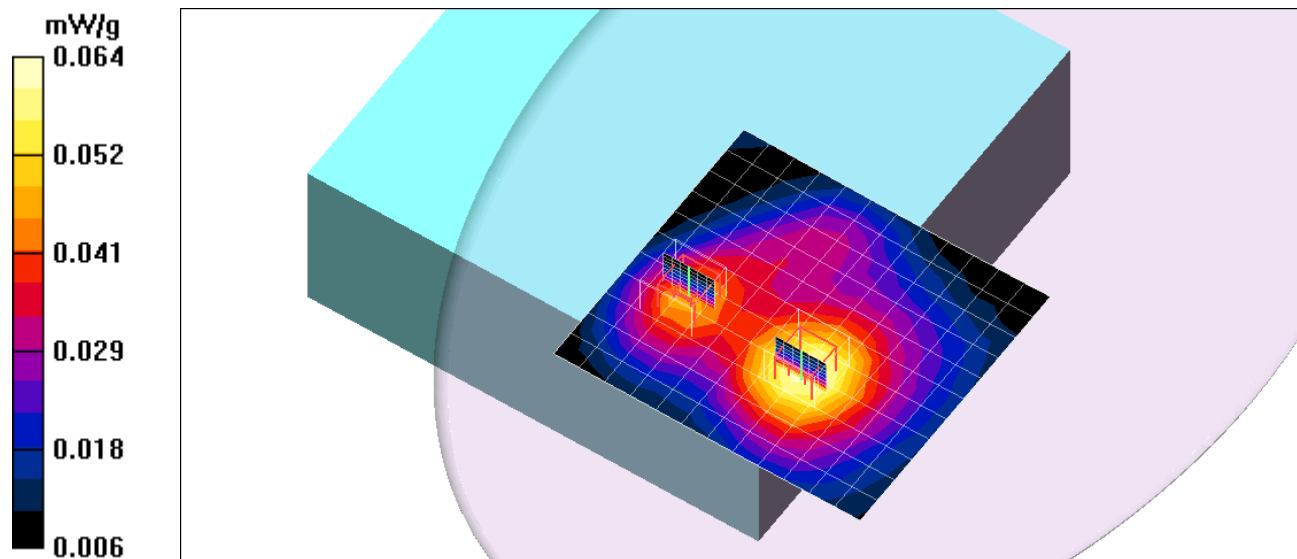
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UMTS Band II_Rel99_RMC_M_Ch/Area Scan (13x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.064 mW/g

UMTS Band II_Rel99_RMC_M_Ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 6.63 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.036 mW/g

UMTS Band II_Rel99_RMC_M_Ch/Zoom Scan 2 (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 6.63 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.048 mW/g



Test Laboratory: UL CCS

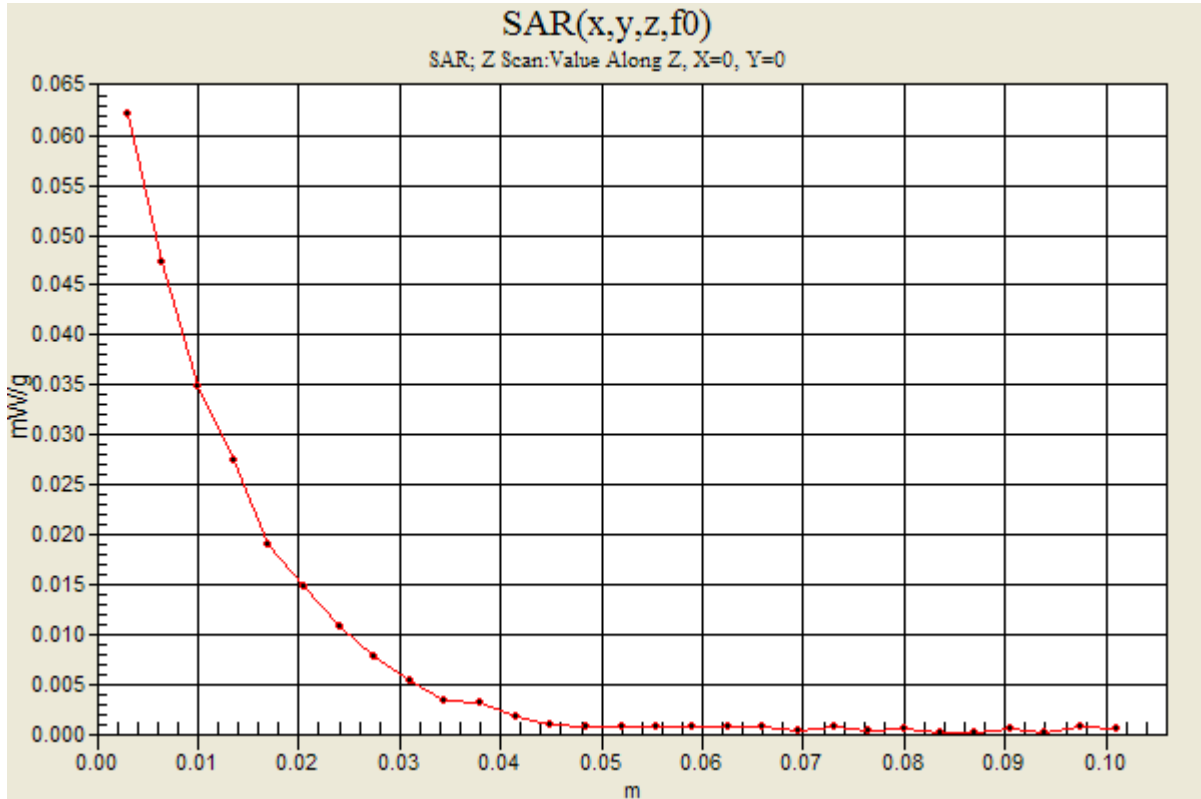
Bottom Face_UMTS BAND II

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

Communication System: UMTS Band II; Frequency: 1880 MHz;Duty Cycle: 1:1

UMTS Band II_Rel99_RMC_M_Ch/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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



Test Laboratory: UL CCS

Secondary Landscape_UMTS BAND II

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

Communication System: UMTS Band II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. 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 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UMTS Band II_Rel99_RMC_M_Ch/Area Scan (11x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.127 mW/g

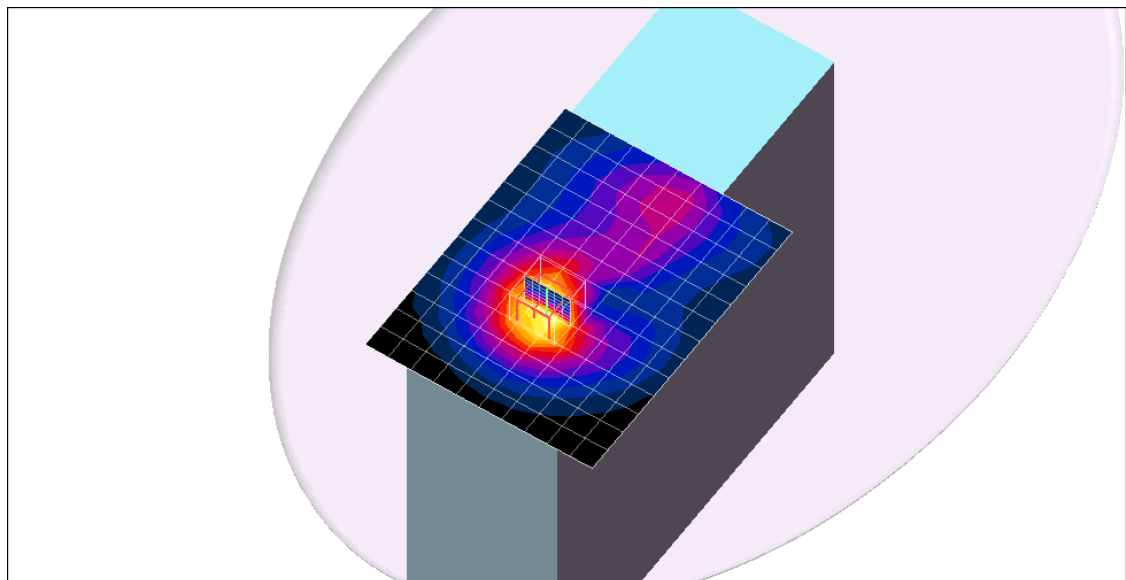
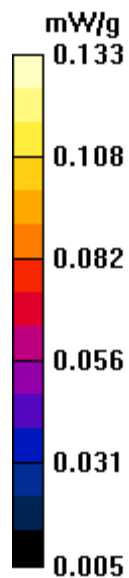
UMTS Band II_Rel99_RMC_M_Ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.39 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.133 mW/g



Test Laboratory: UL CCS

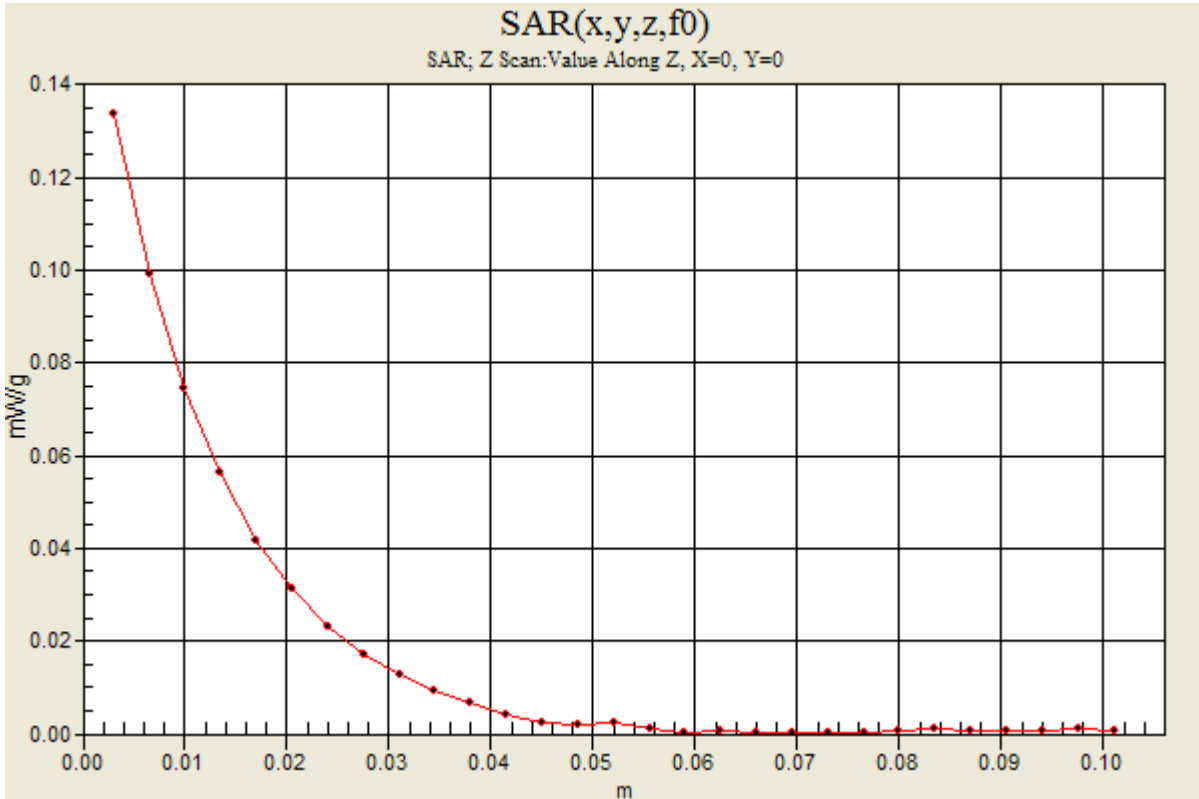
Secondary Landscape_UMTS BAND II

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

Communication System: UMTS Band II; Frequency: 1880 MHz;Duty Cycle: 1:1

UMTS Band II_Rel99_RMC_M_Ch/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.134 mW/g



Test Laboratory: UL CCS

Primary Portrait_UMTS BAND II

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

Communication System: UMTS Band II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. 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 - SN3749; ConvF(7.33, 7.33, 7.33); Calibrated: 12/13/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 7/21/2010
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

UMTS Band II_Rel99_RMC_M_Ch/Area Scan (11x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.095 mW/g

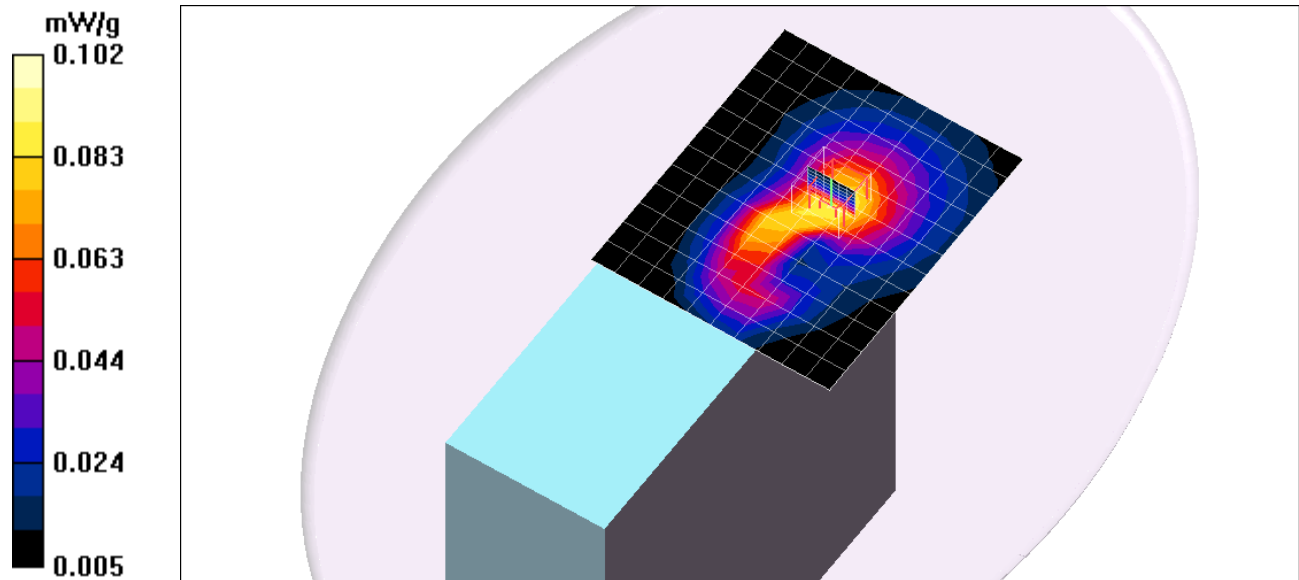
UMTS Band II_Rel99_RMC_M_Ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.08 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.102 mW/g



Test Laboratory: UL CCS

Primary Portrait_UMTS BAND II

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

Communication System: UMTS Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

UMTS Band II_Rel99_RMC_M_Ch/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.103 mW/g

