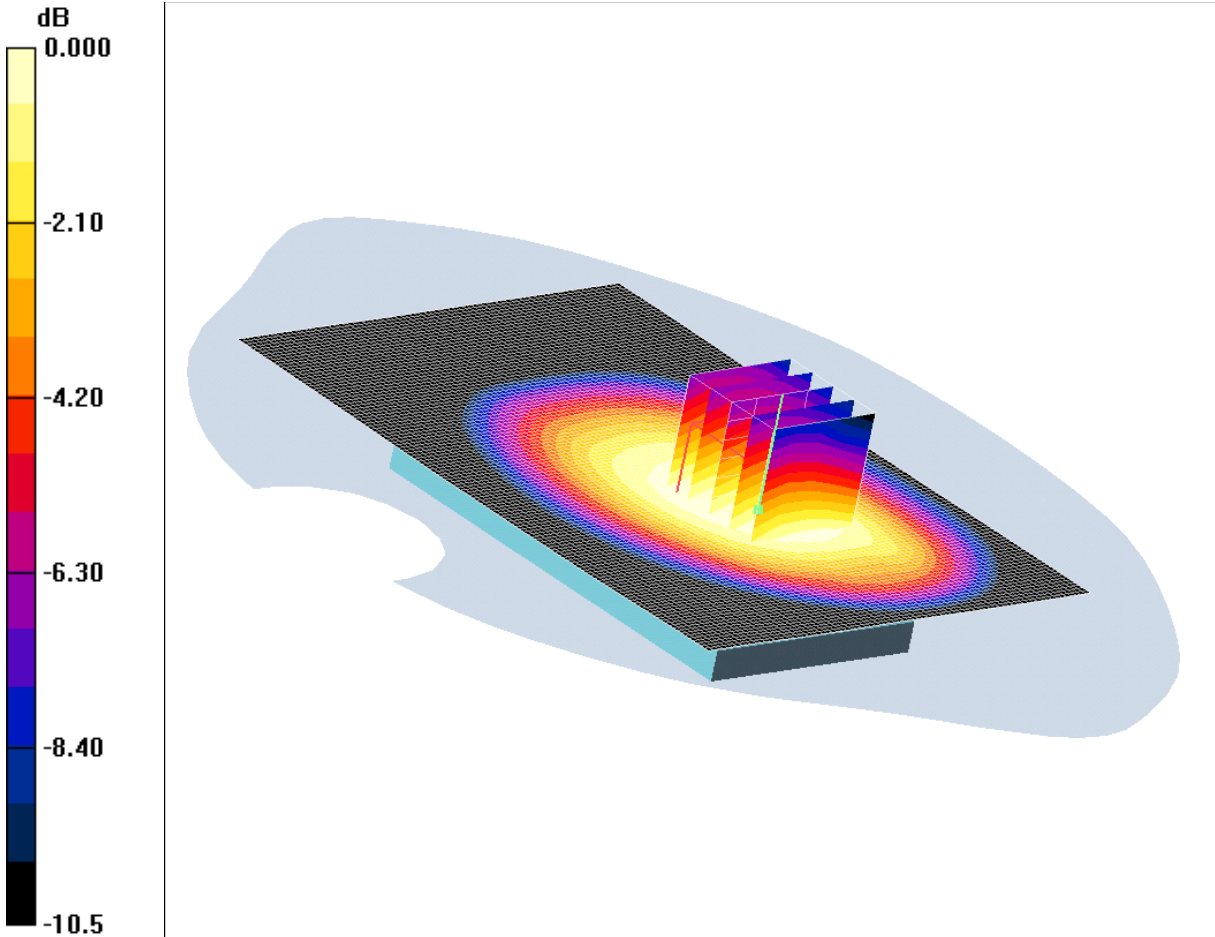


SCN/85051JD03/041: Front of EUT Facing Phantom Hotspot Mode UMTS FDD V CH4183

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.738mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Front of EUT Facing Phantom - Middle 2/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.755 mW/g

**Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.856 W/kg

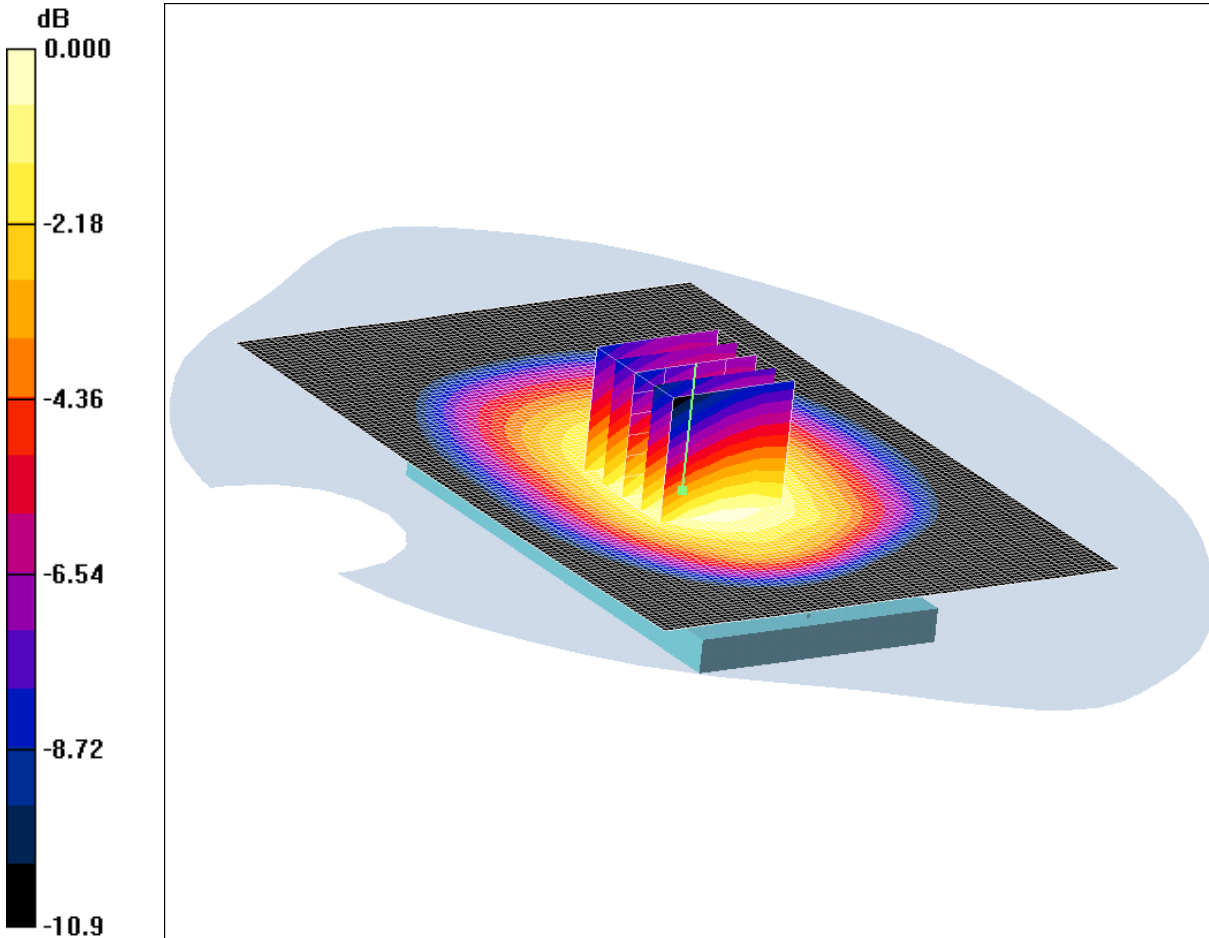
**SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.535 mW/g**

Maximum value of SAR (measured) = 0.738 mW/g

SCN/85051JD03/042: Rear of EUT Facing Phantom Hotspot Mode UMTS FDD V CH4183

Date 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.767mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.778 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.8 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.905 W/kg

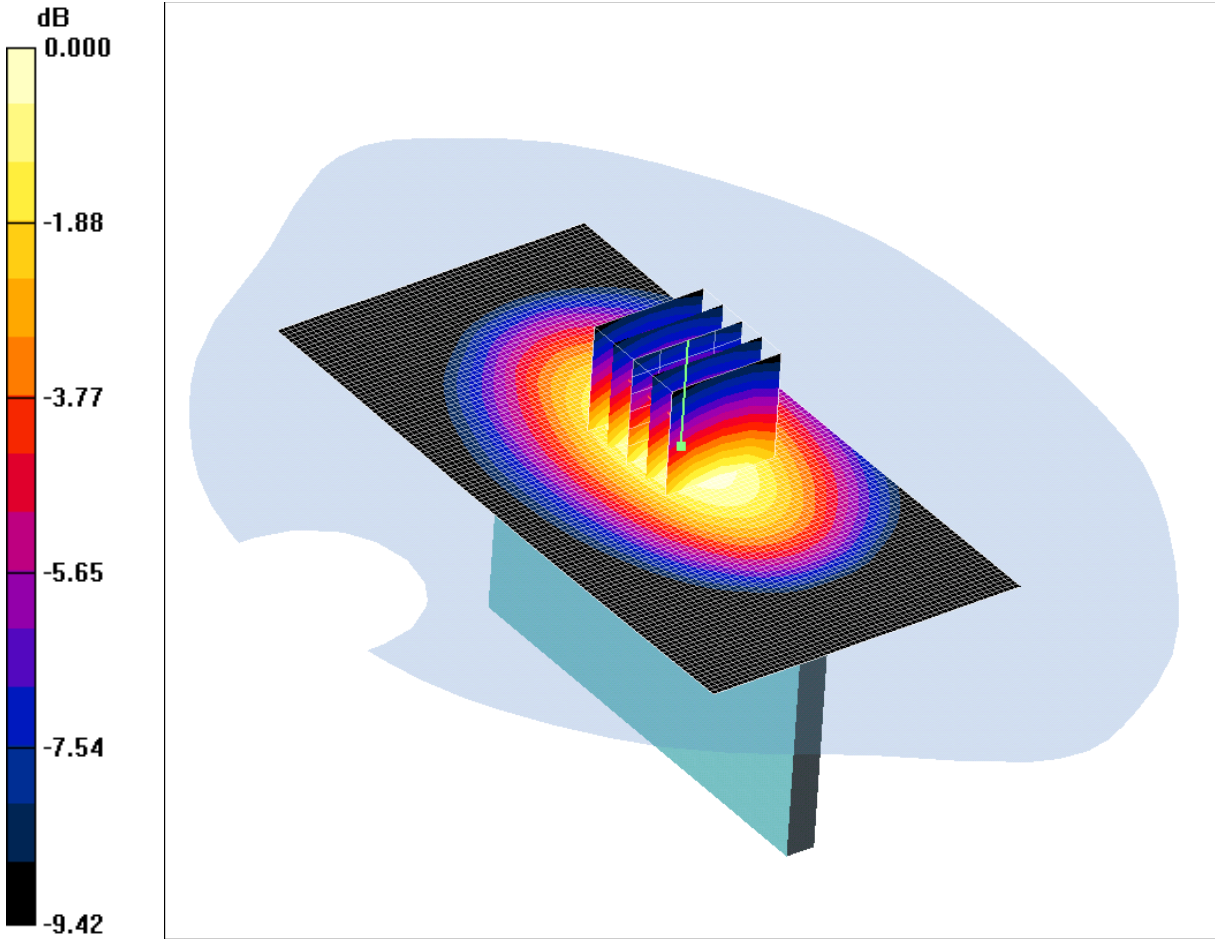
**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.546 mW/g**

Maximum value of SAR (measured) = 0.767 mW/g

SCN/85051JD03/043: Left Hand Side of EUT Facing Phantom Hotspot Mode UMTS FDD V CH4183

Date 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.335mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 mW/g

**Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.420 W/kg

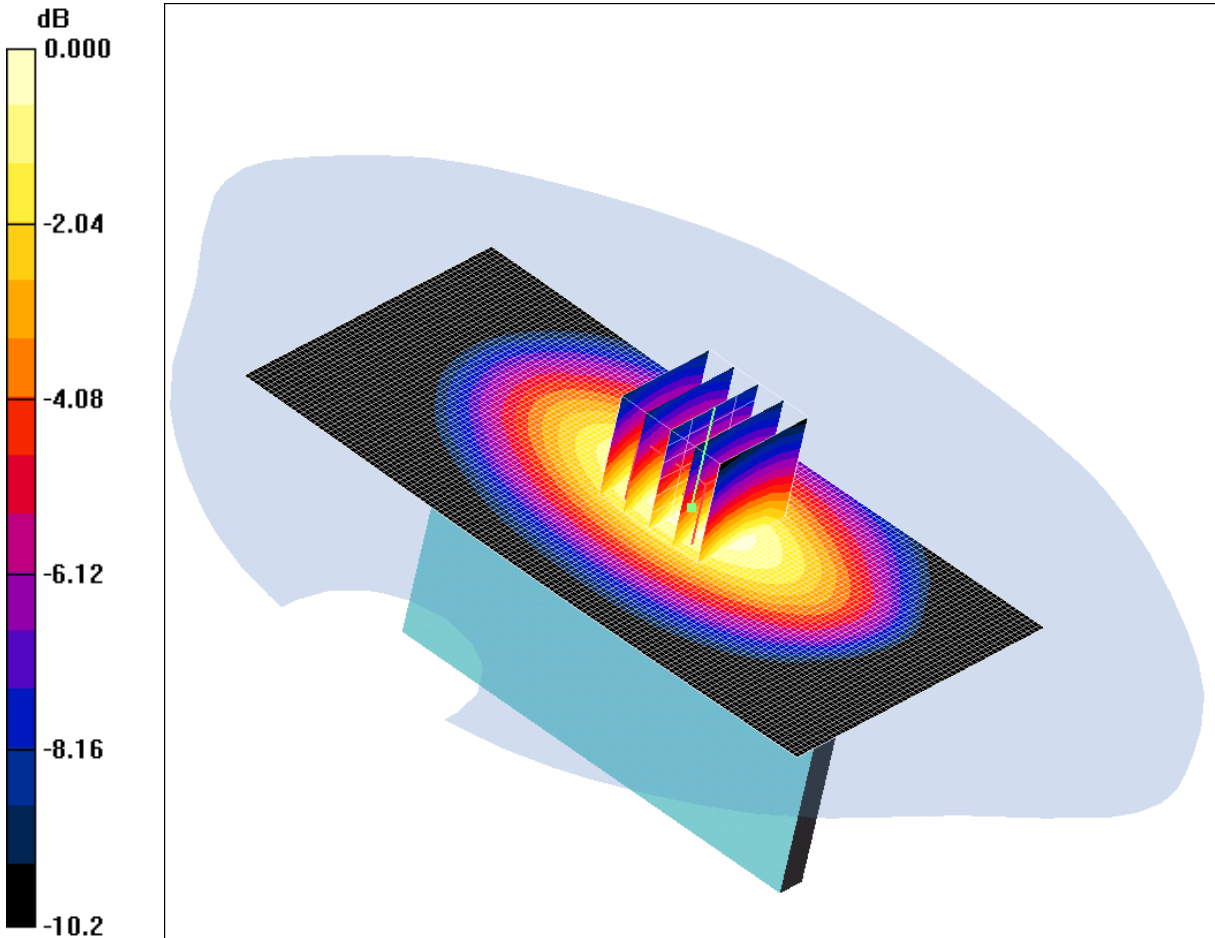
**SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 0.335 mW/g

SCN/85051JD03/044: Right Hand Side of EUT Facing Phantom Hotspot Mode UMTS FDD V CH4183

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.321mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.317 mW/g

**Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.403 W/kg

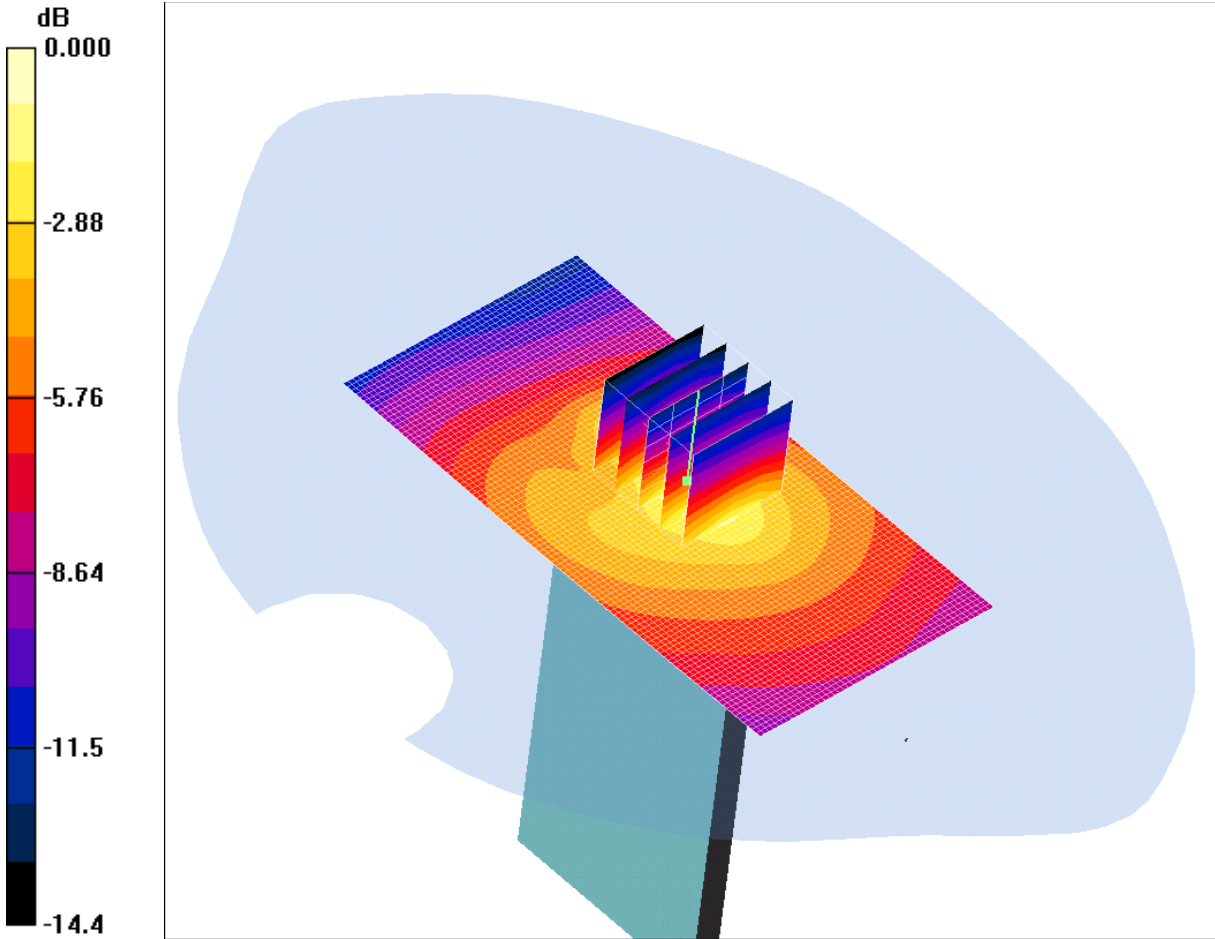
**SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.321 mW/g

SCN/85051JD03/045: Bottom of EUT Facing Phantom Hotspot Mode UMTS FDD V CH4183

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.117mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Bottom of EUT Facing Phantom - Middle/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.117 mW/g

**Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.53 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.246 W/kg

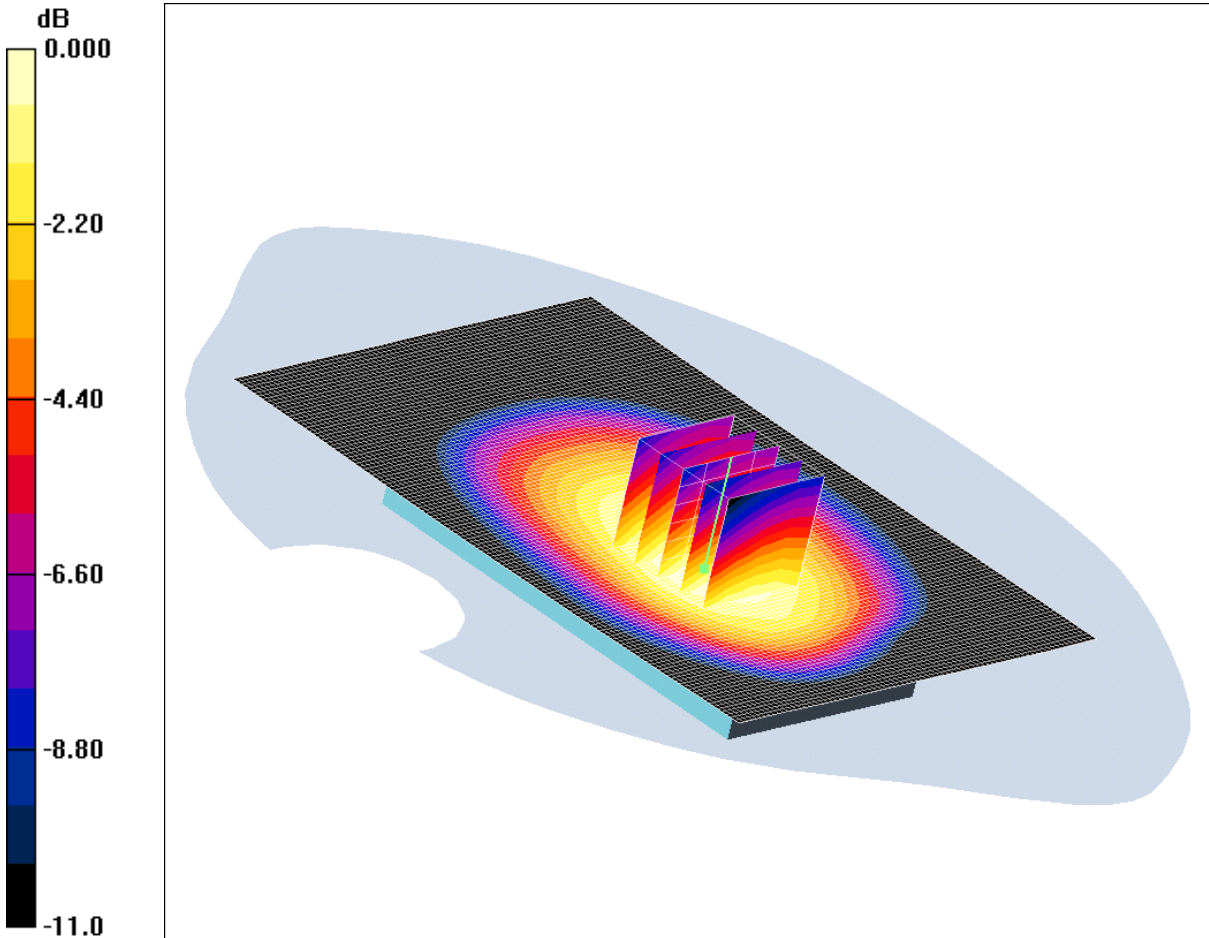
**SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.117 mW/g

SCN/85051JD03/046: Rear of EUT Facing Phantom Hotspot Mode UMTS FDD V + HSDPA CH4183

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.694mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.713 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 0.818 W/kg

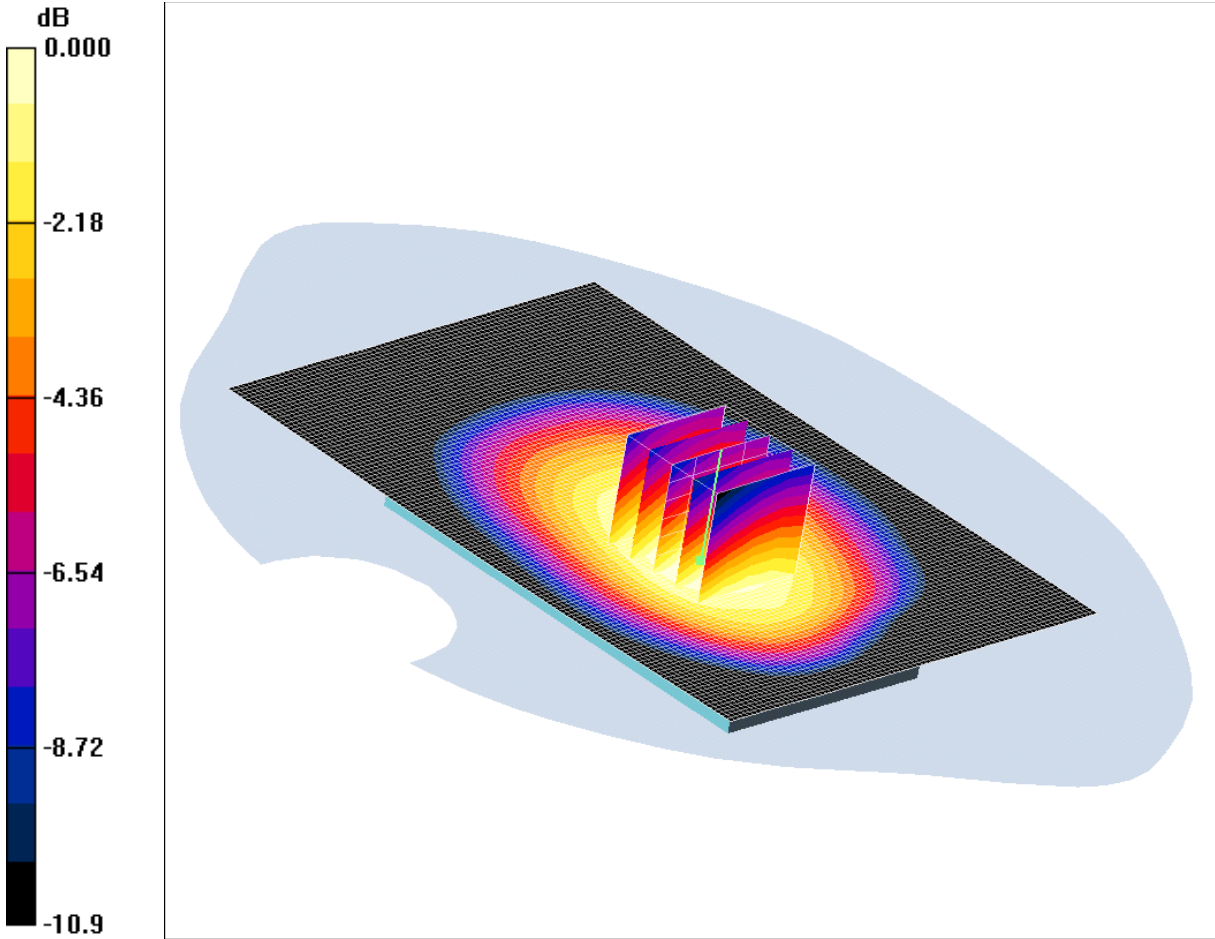
**SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.494 mW/g**

Maximum value of SAR (measured) = 0.694 mW/g

SCN/85051JD03/047: Rear of EUT Facing Phantom Hotspot Mode UMTS FDD V + HSPA CH4183

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.519mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.527 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.609 W/kg

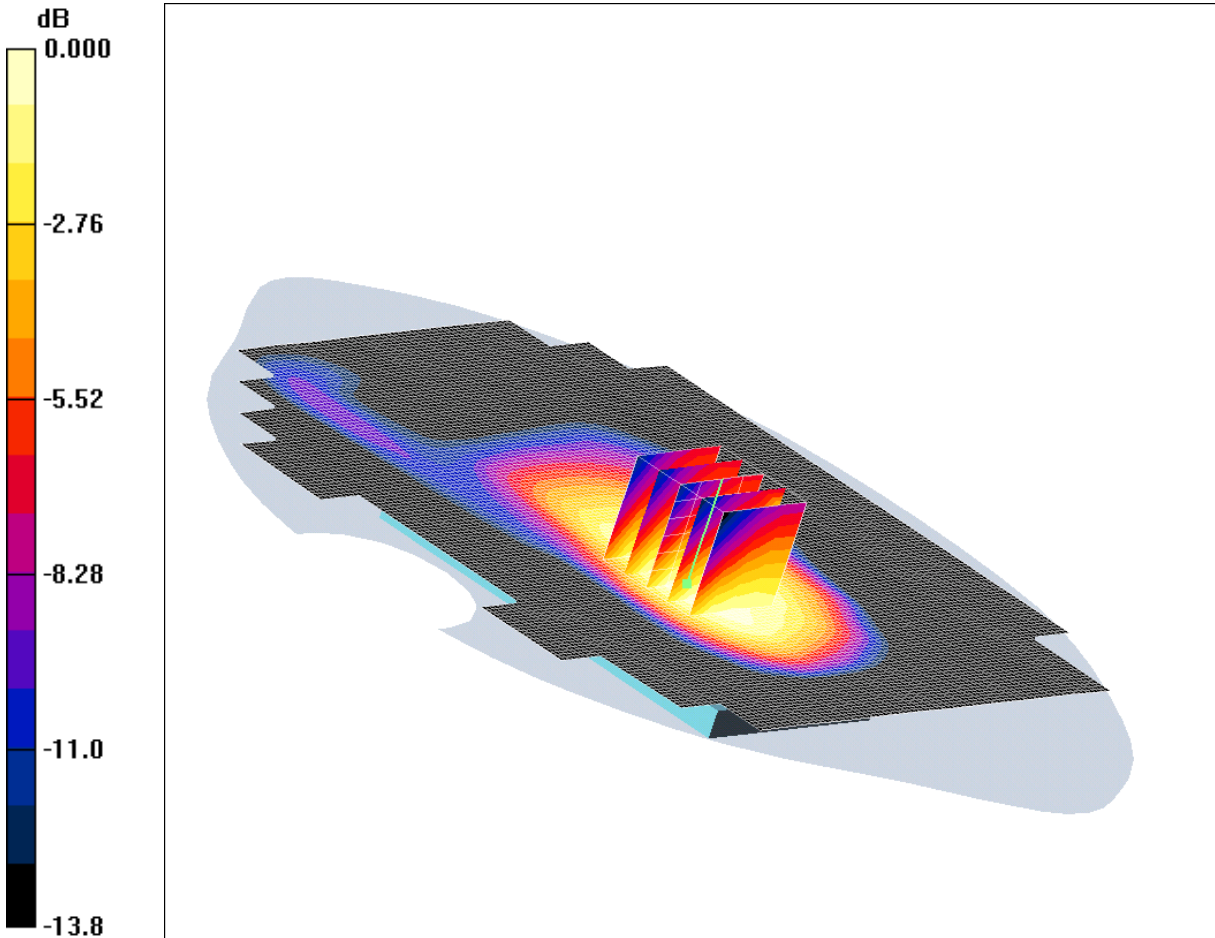
**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.371 mW/g**

Maximum value of SAR (measured) = 0.519 mW/g

SCN/85051JD03/048: Rear of EUT Facing Phantom With PHF Hotspot Mode UMTS FDD V CH4183

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.970mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom With PHF - Middle/Area Scan (121x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 mW/g

**Rear of EUT Facing Phantom With PHF - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.0 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.679 mW/g**

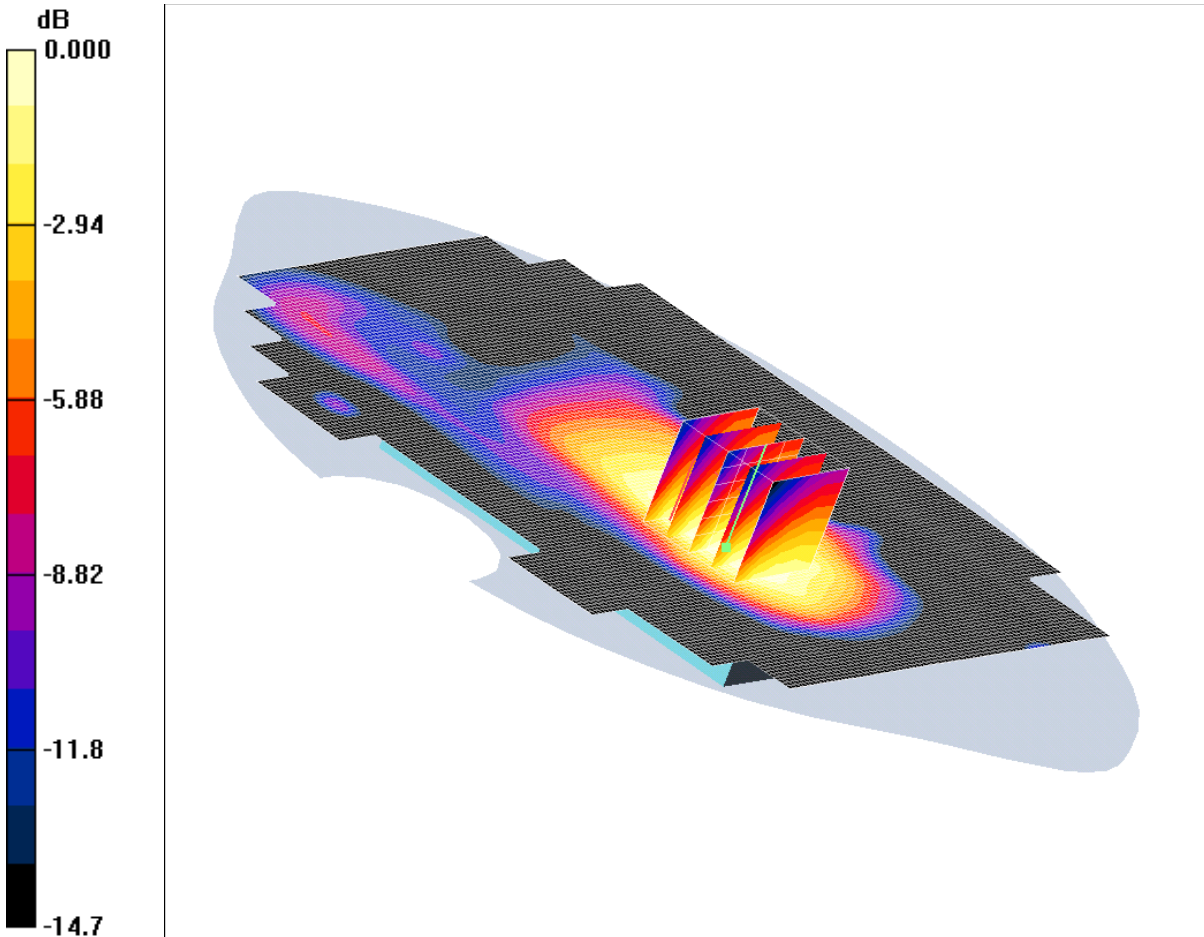
Maximum value of SAR (measured) = 0.970 mW/g



SCN/85051JD03/049: Rear of EUT Facing Phantom With PHF Hotspot Mode UMTS FDD V CH4132

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.941mW/g

Communication System: UMTS-FDD V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): f = 826.4 MHz;  $\sigma = 1 \text{ mho/m}$ ;  $\epsilon_r = 53$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom With PHF - Middle/Area Scan (121x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

**Rear of EUT Facing Phantom With PHF - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 1.14 W/kg

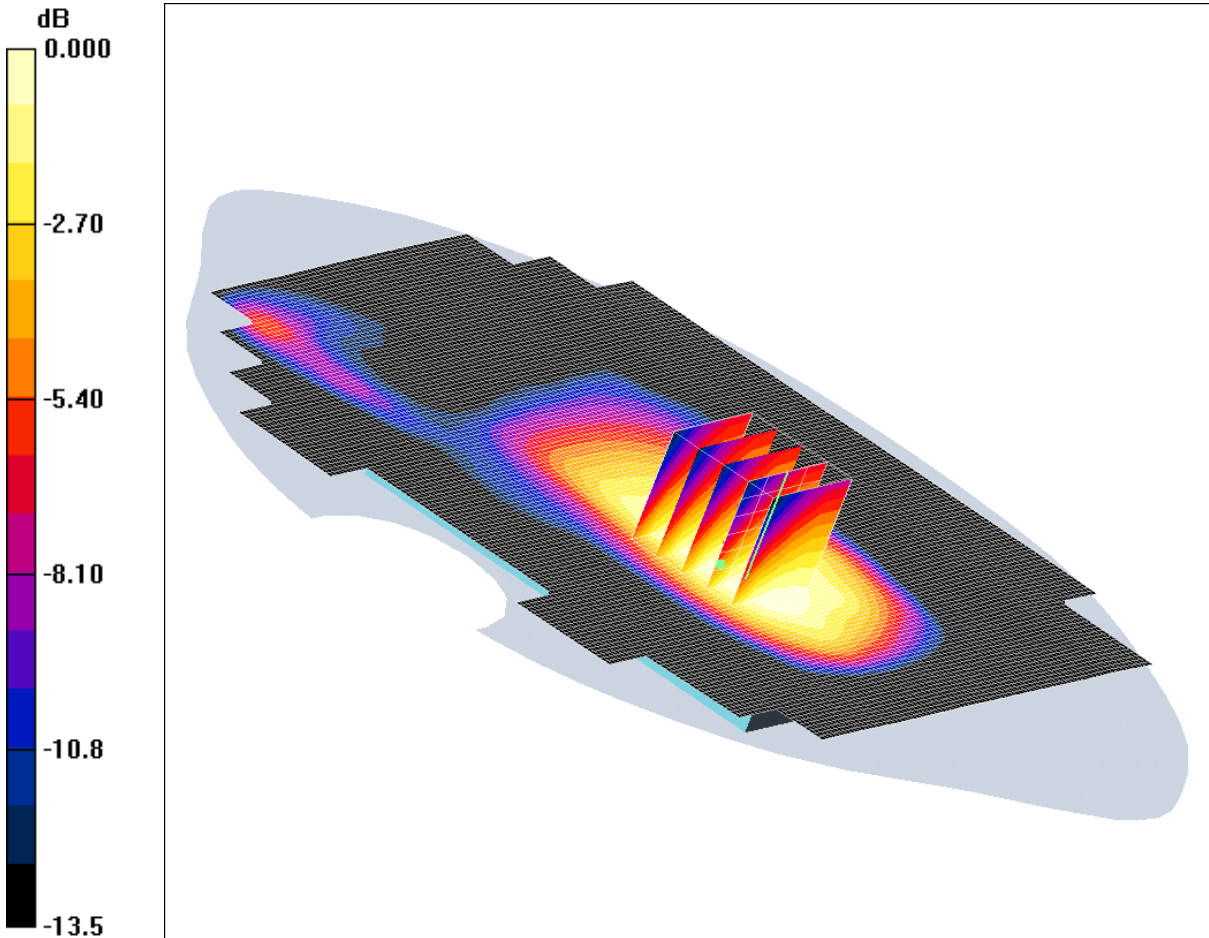
**SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.671 mW/g**

Maximum value of SAR (measured) = 0.941 mW/g

SCN/85051JD03/050: Rear of EUT Facing Phantom With PHF Hotspot Mode UMTS FDD V CH4233

Date: 11/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.952mW/g

Communication System: UMTS-FDD V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom With PHF - Middle/Area Scan (121x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

**Rear of EUT Facing Phantom With PHF - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.2 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 1.16 W/kg

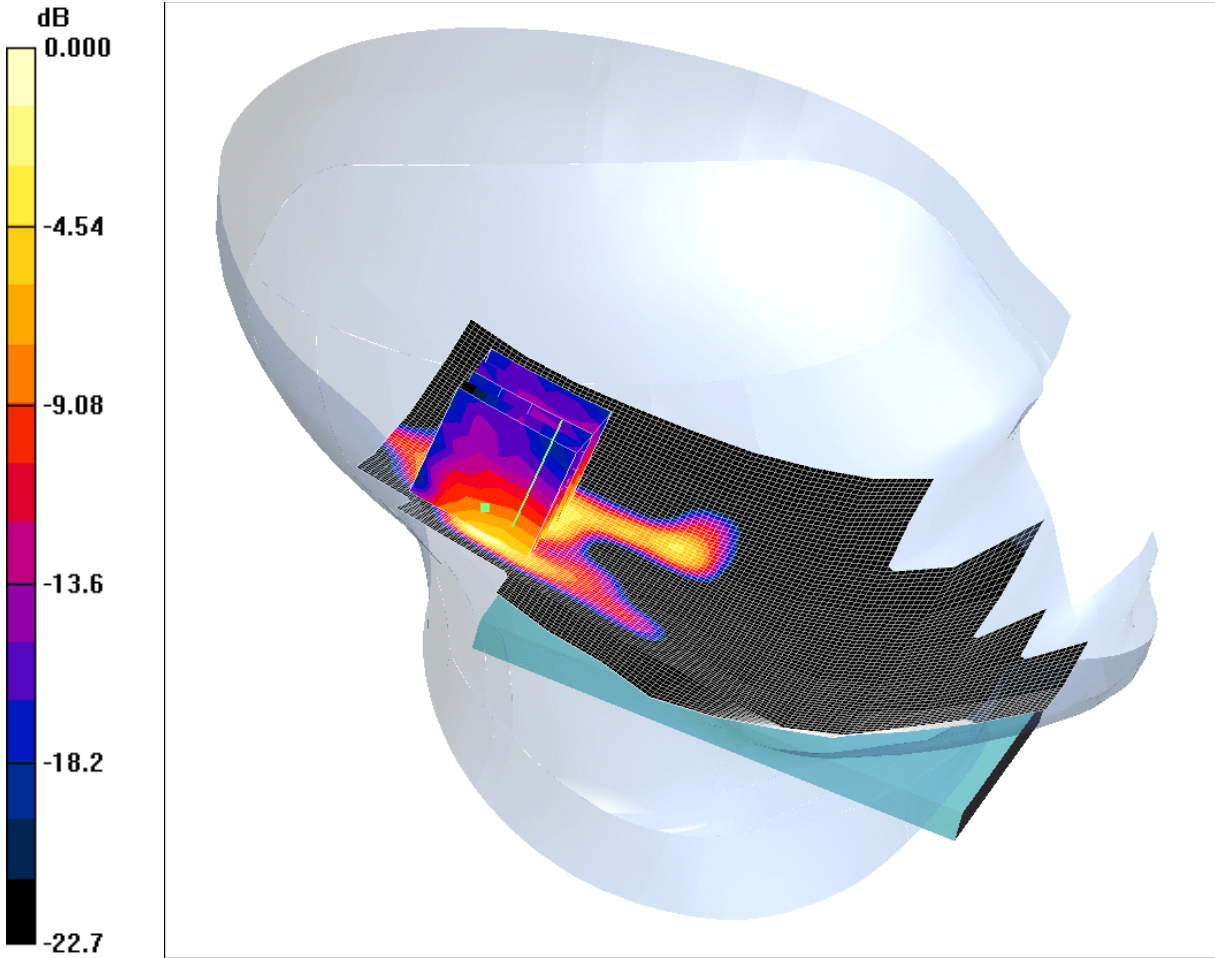
**SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.684 mW/g**

Maximum value of SAR (measured) = 0.952 mW/g

SCN/85051JD03/051: Touch Left WLAN 802.11b 1Mbps CH6

Date: 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.064mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.02, 7.02, 7.02); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Left - Middle 2 2/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

**Touch Left - Middle 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.69 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.120 W/kg

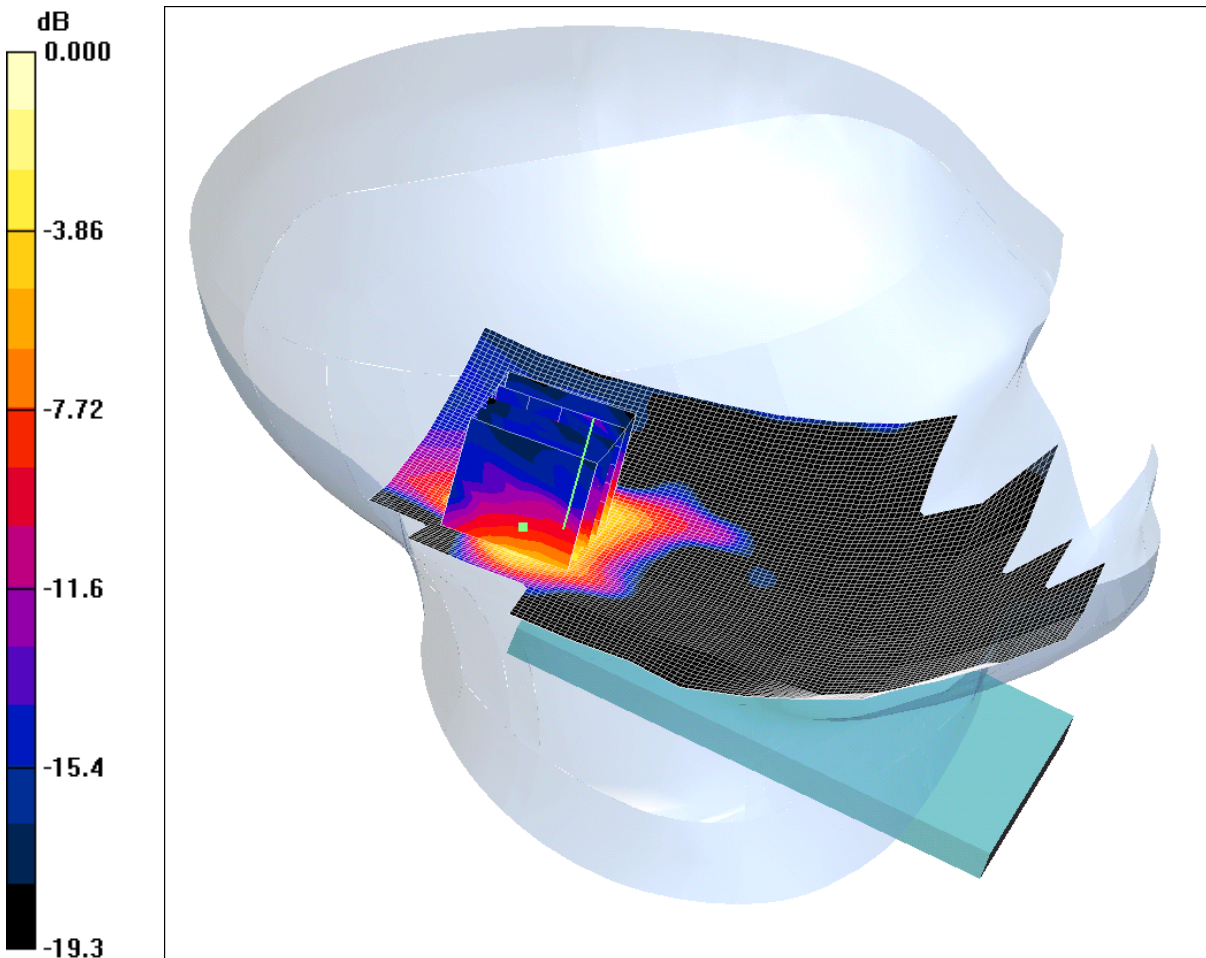
**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.064 mW/g

SCN/85051JD03/052: Tilt Left WLAN 802.11b 1Mbps CH6

Date: 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.071mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.02, 7.02, 7.02); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Left - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.078 mW/g

**Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.16 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.218 W/kg

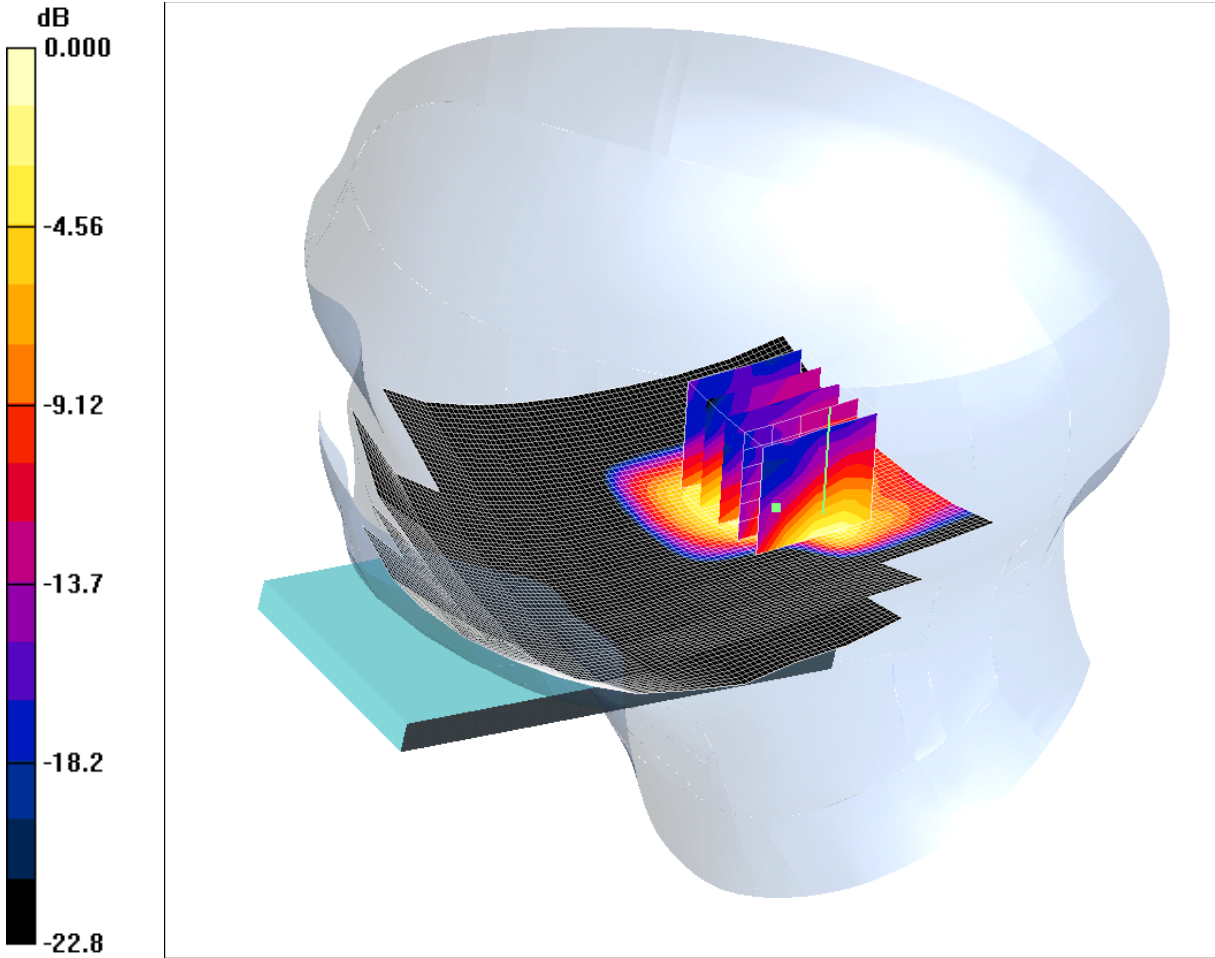
**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.029 mW/g**

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

SCN/85051JD03/053: Touch Right WLAN 802.11b 1Mbps CH6

Date: 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.086mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.02, 7.02, 7.02); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Touch Right - Middle 2 2/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

**Touch Right - Middle 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.65 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.178 W/kg

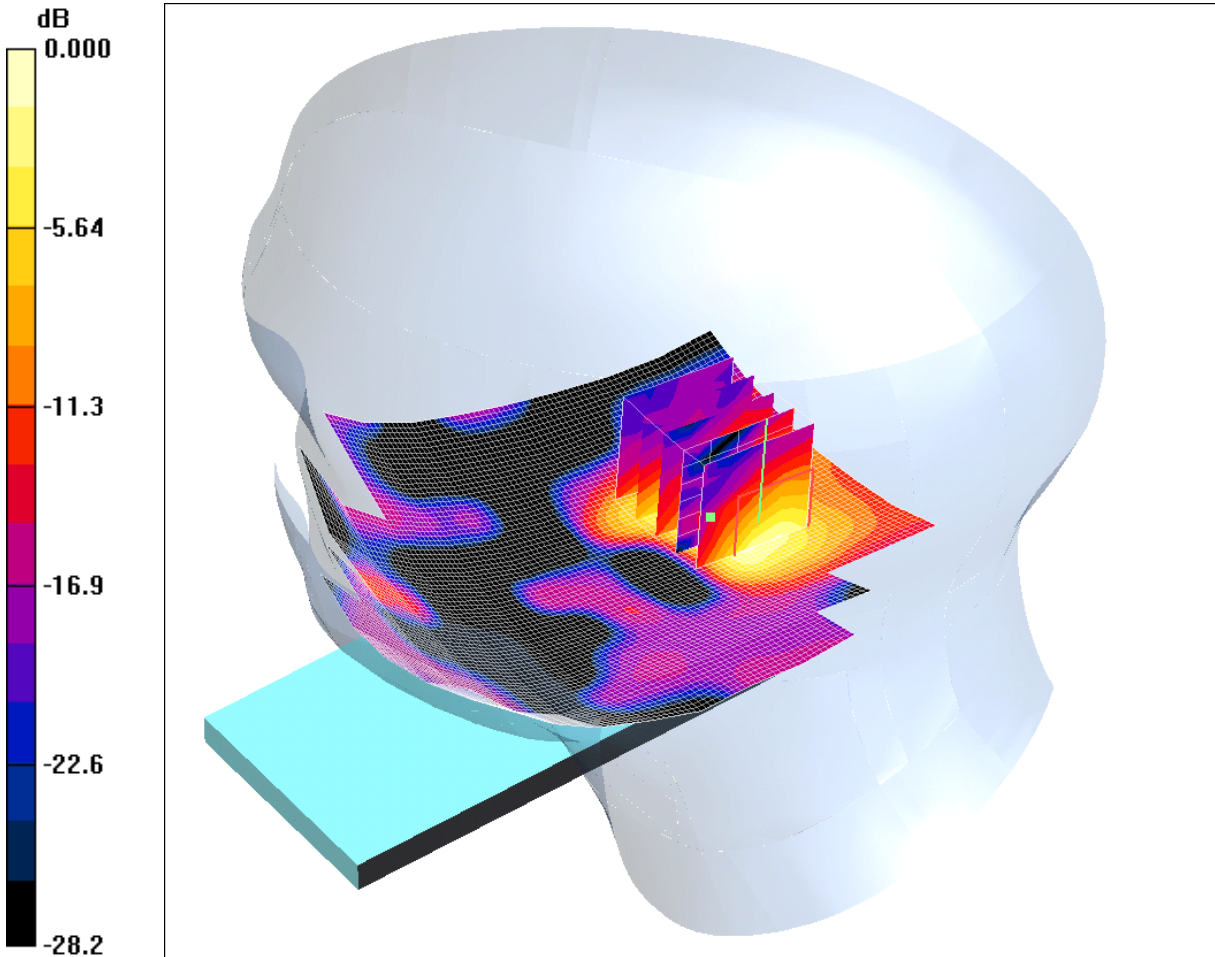
**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.037 mW/g**

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

SCN/85051JD03/054: Tilt Right WLAN 802.11b 1Mbps CH6

Date: 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.104mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.02, 7.02, 7.02); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Right - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.099 mW/g

**Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.06 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.299 W/kg

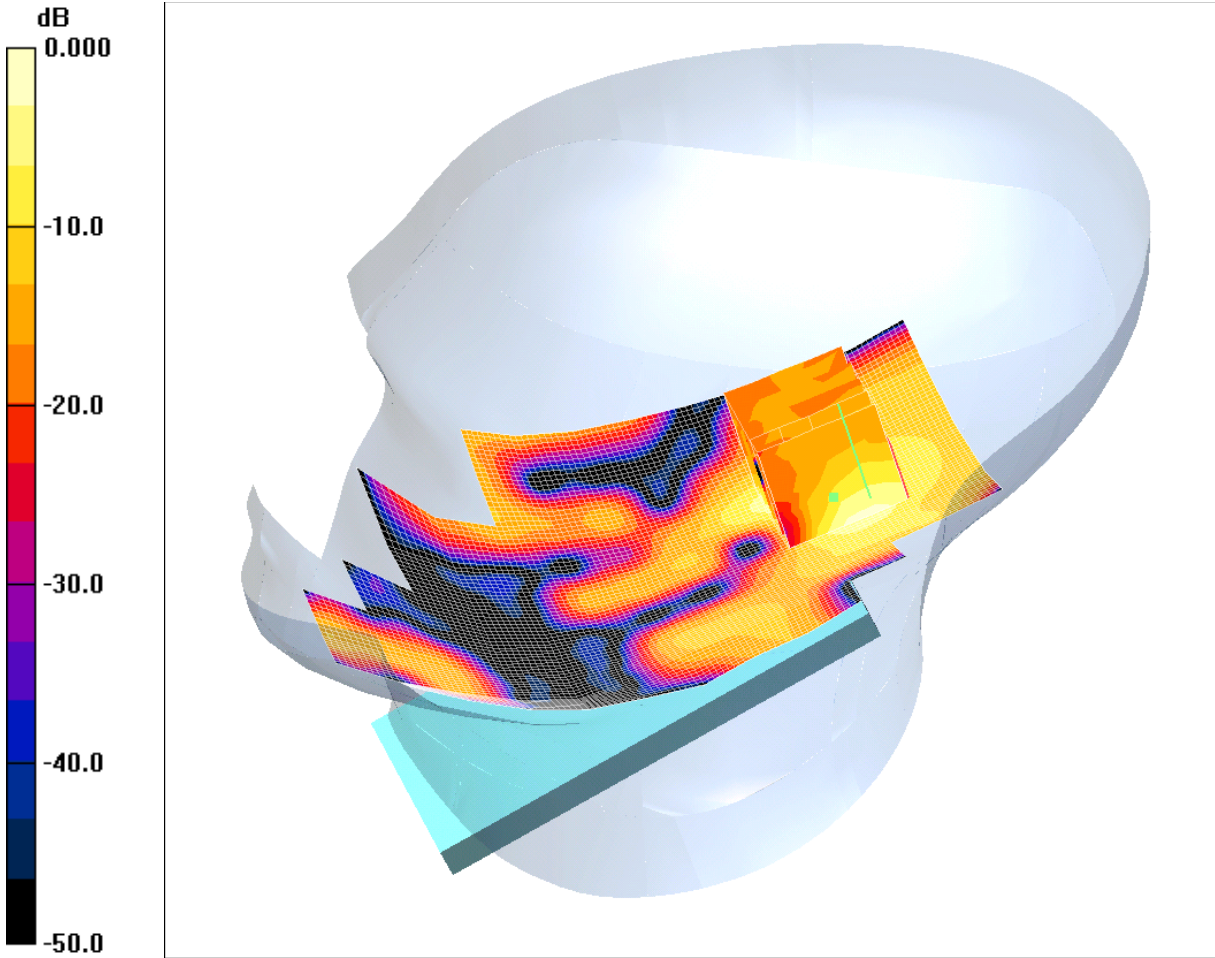
**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g

SCN/85051JD03/055: Tilt Right WLAN 802.11g 6Mbps CH6

Date 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.056mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.02, 7.02, 7.02); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Right - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

**Tilt Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.30 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.106 W/kg

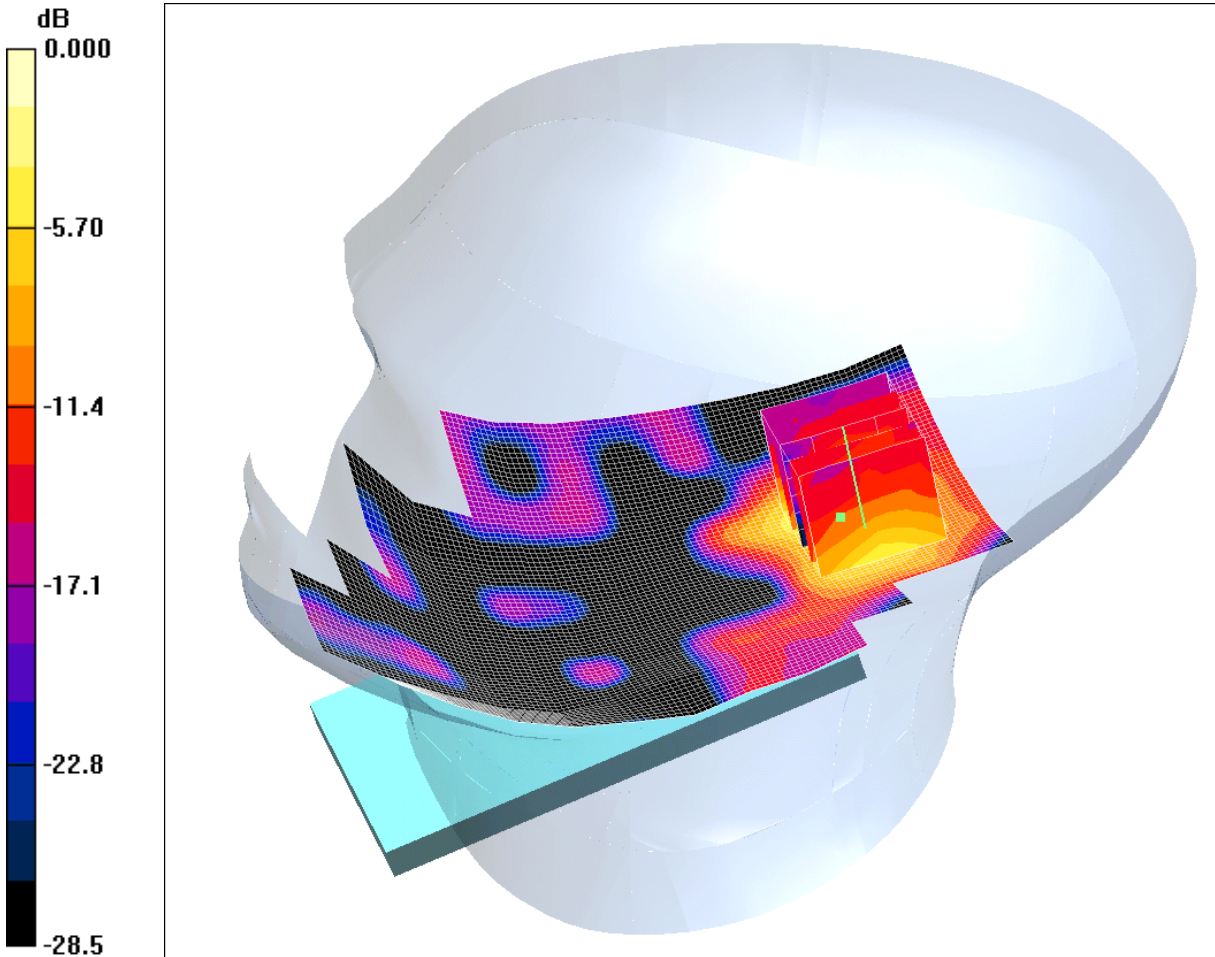
**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.056 mW/g

SCN/85051JD03/056: Tilt Right WLAN 802.11n 6.5Mbps CH6

Date 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.070mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.02, 7.02, 7.02); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Tilt Right - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.063 mW/g

**Tilt Right - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.51 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.295 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.029 mW/g**

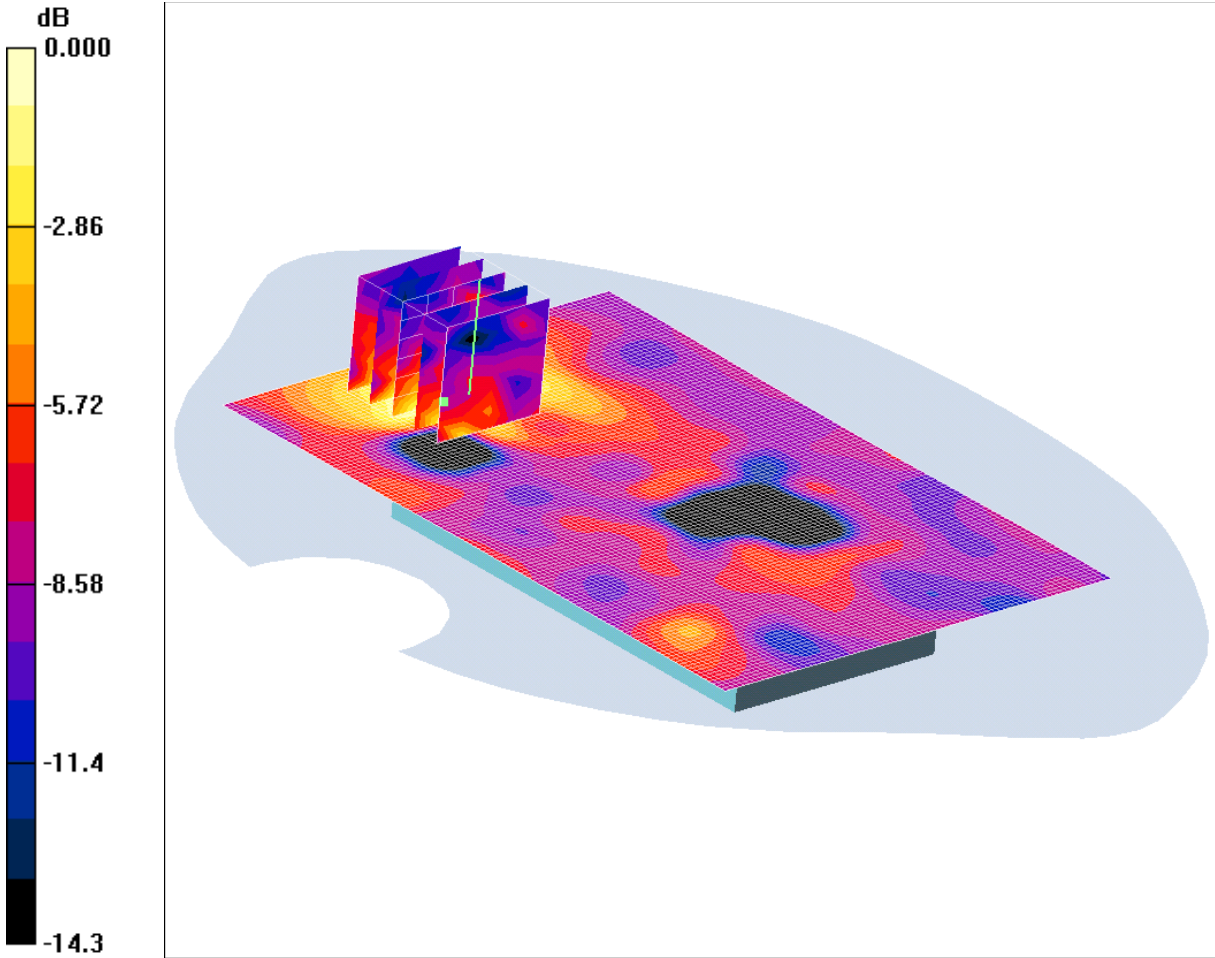
Maximum value of SAR (measured) = 0.070 mW/g



SCN/85051JD03/057: Front of EUT Facing Phantom Hotspot Mode WLAN 802.11b 1Mbps CH6

Date 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.016mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Front of EUT Facing Phantom - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.018 mW/g

**Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.47 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.037 W/kg

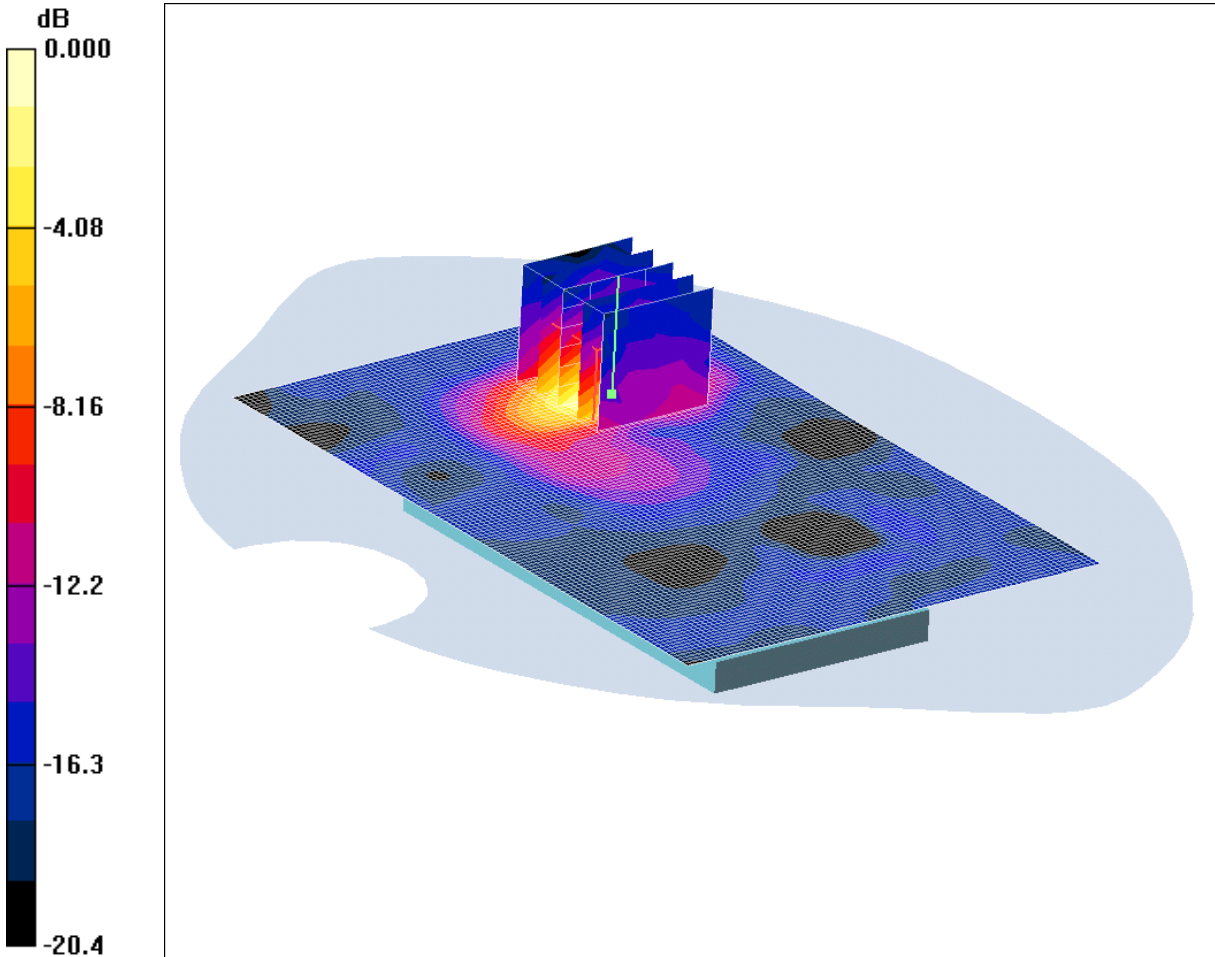
**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00862 mW/g**

Maximum value of SAR (measured) = 0.016 mW/g

SCN/85051JD03/058: Rear of EUT Facing Phantom Hotspot Mode WLAN 802.11b 1Mbps CH6

Date 17/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.145mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma$  = 2.01 mho/m;  $\epsilon_r$  = 50.7;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

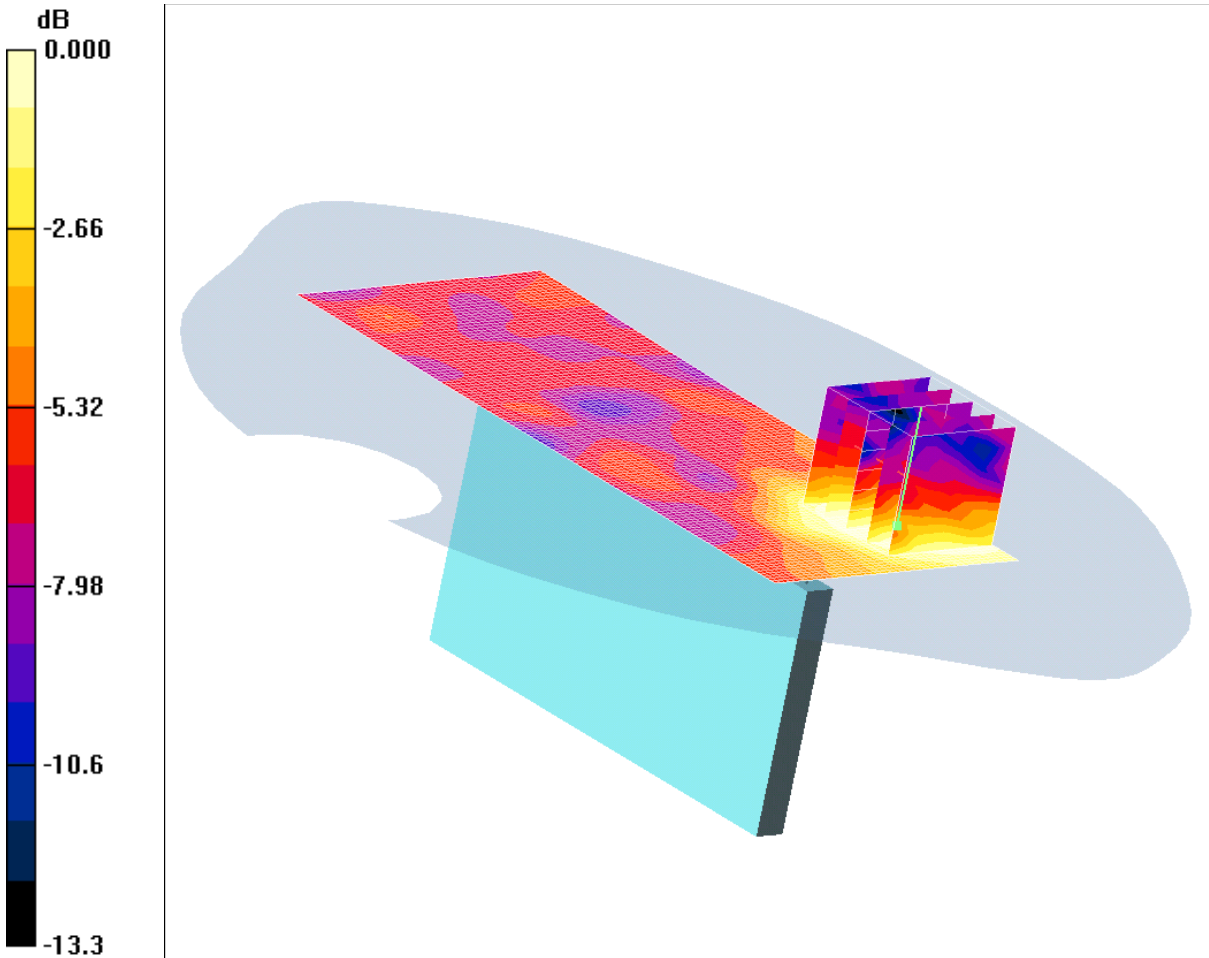
Reference Value = 8.64 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.145 mW/g

SCN/85051JD03/059: Left Hand Side of EUT Facing Phantom Hotspot Mode WLAN 802.11b 1Mbps CH6  
 Date: 18/01/2012  
 DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial:  
 359569040021629



0 dB = 0.014mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
 Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.015 mW/g

**Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.82 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.024 W/kg

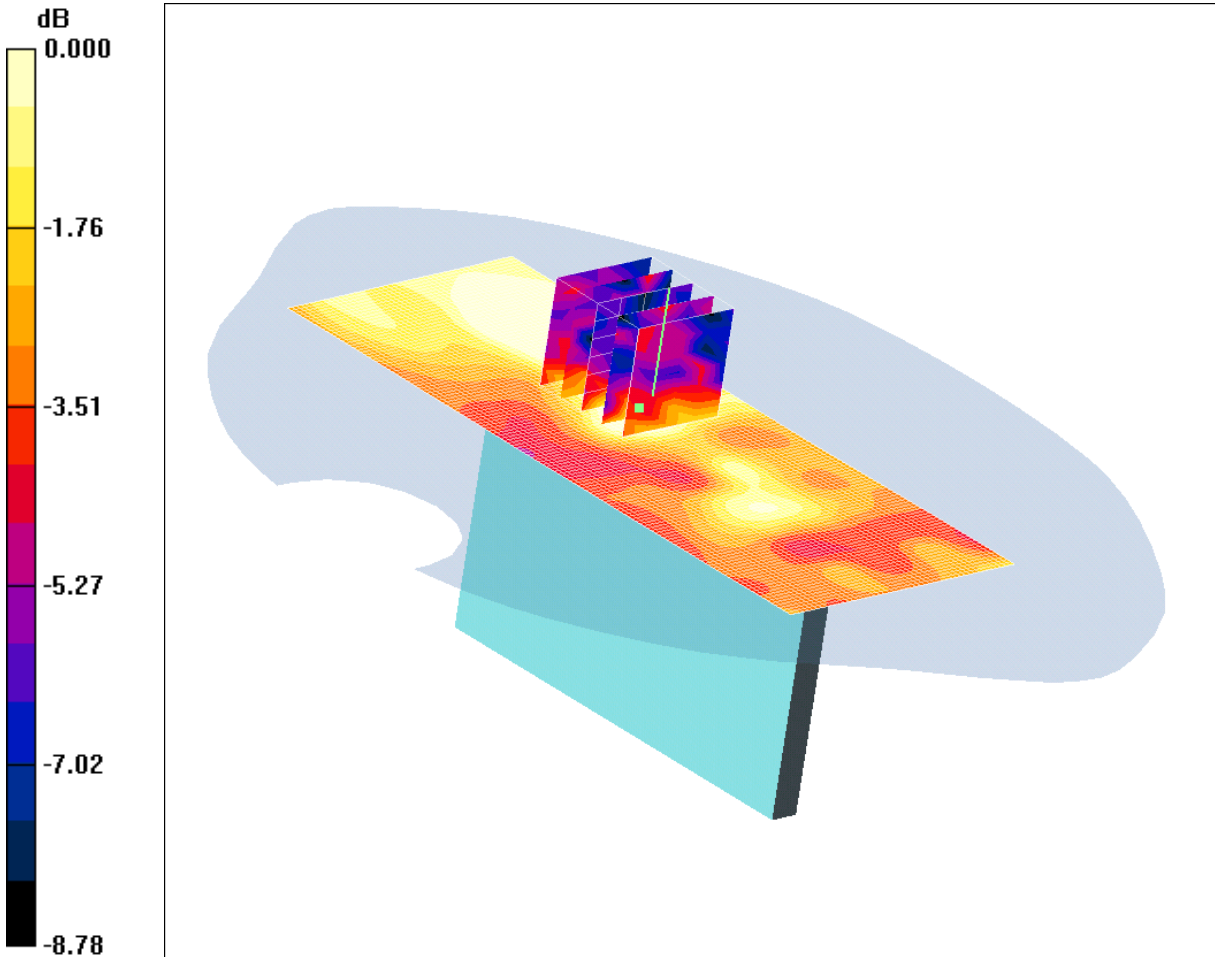
**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00827 mW/g**

Maximum value of SAR (measured) = 0.014 mW/g

SCN/85051JD03/060: Right Hand Side of EUT Facing Phantom Hotspot Mode WLAN 802.11b 1Mbps CH6

Date: 18/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.006mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Right Hand Side of EUT Facing Phantom - Middle 2/Area Scan 3 (51x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.008 mW/g

**Right Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.74 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.015 W/kg

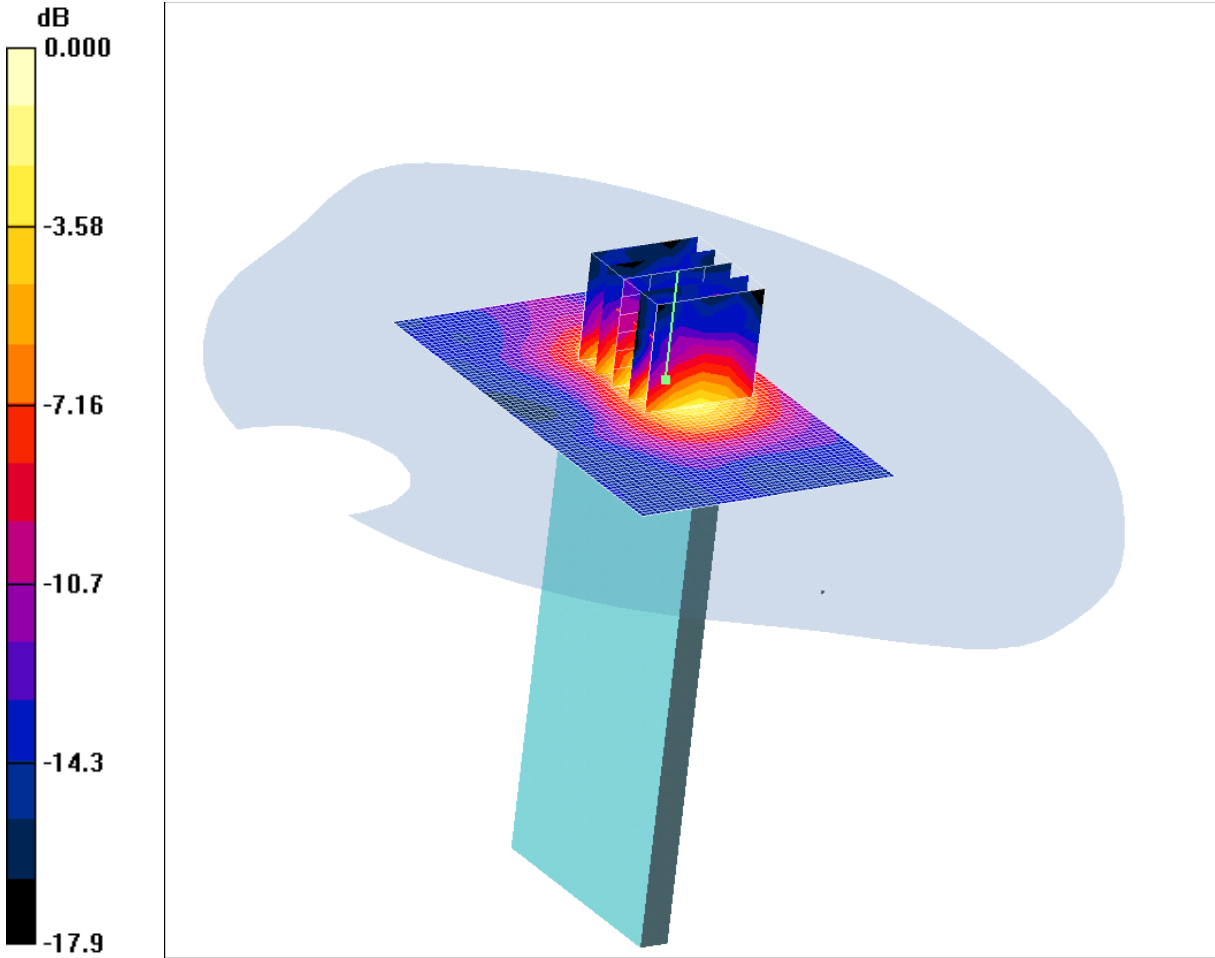
**SAR(1 g) = 0.00544 mW/g; SAR(10 g) = 0.00349 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g

SCN/85051JD03/061: Top of EUT Facing Phantom Hotspot Mode WLAN 802.11b 1Mbps CH6

Date: 18/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.072mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Top of EUT Facing Phantom - Middle 2/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.079 mW/g

**Top of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.95 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.118 W/kg

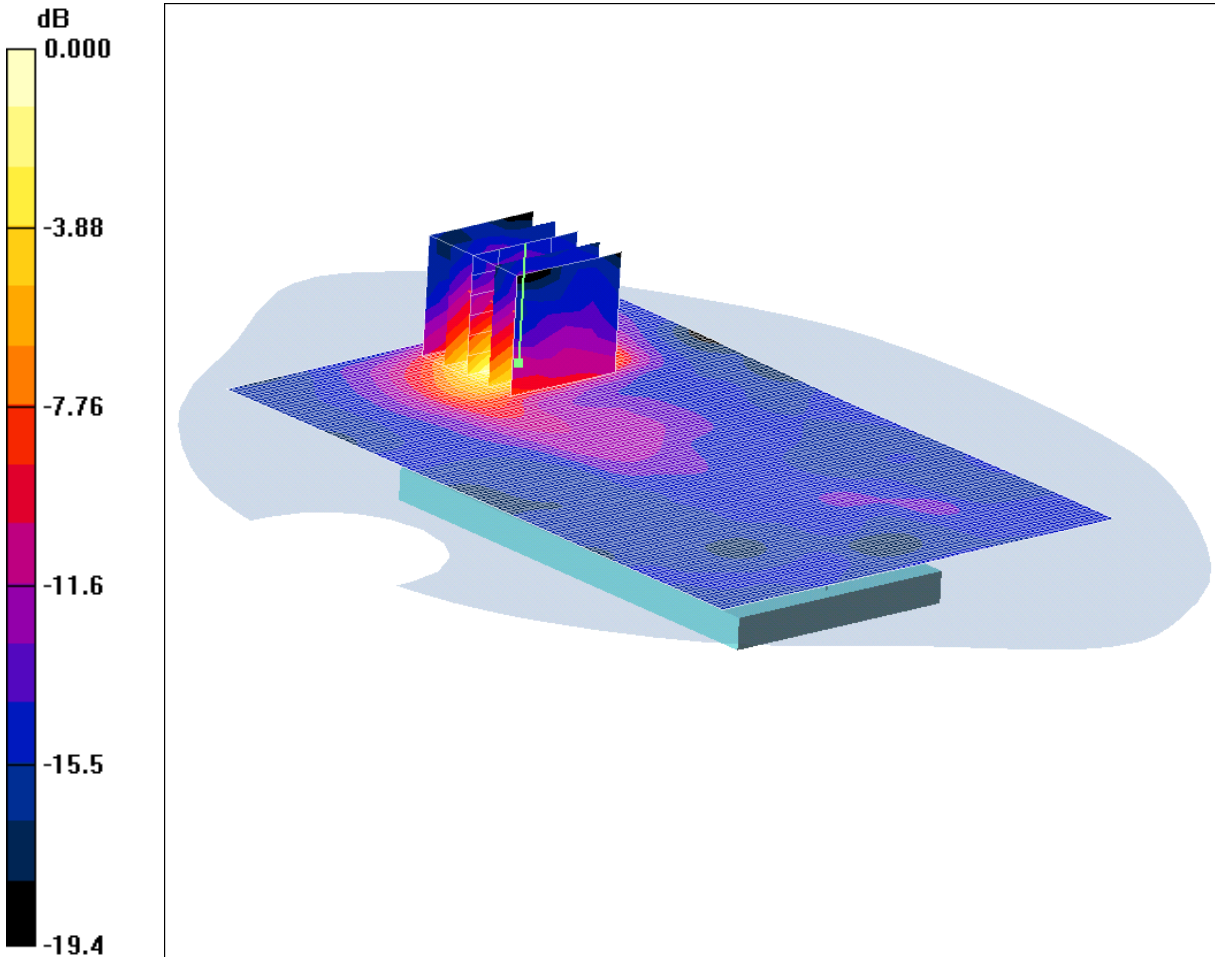
**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.031 mW/g**

Maximum value of SAR (measured) = 0.072 mW/g

SCN/85051JD03/062: Rear of EUT Facing Phantom Hotspot Mode WLAN 802.11g 6Mbps CH6

Date: 18/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.100mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.46 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.195 W/kg

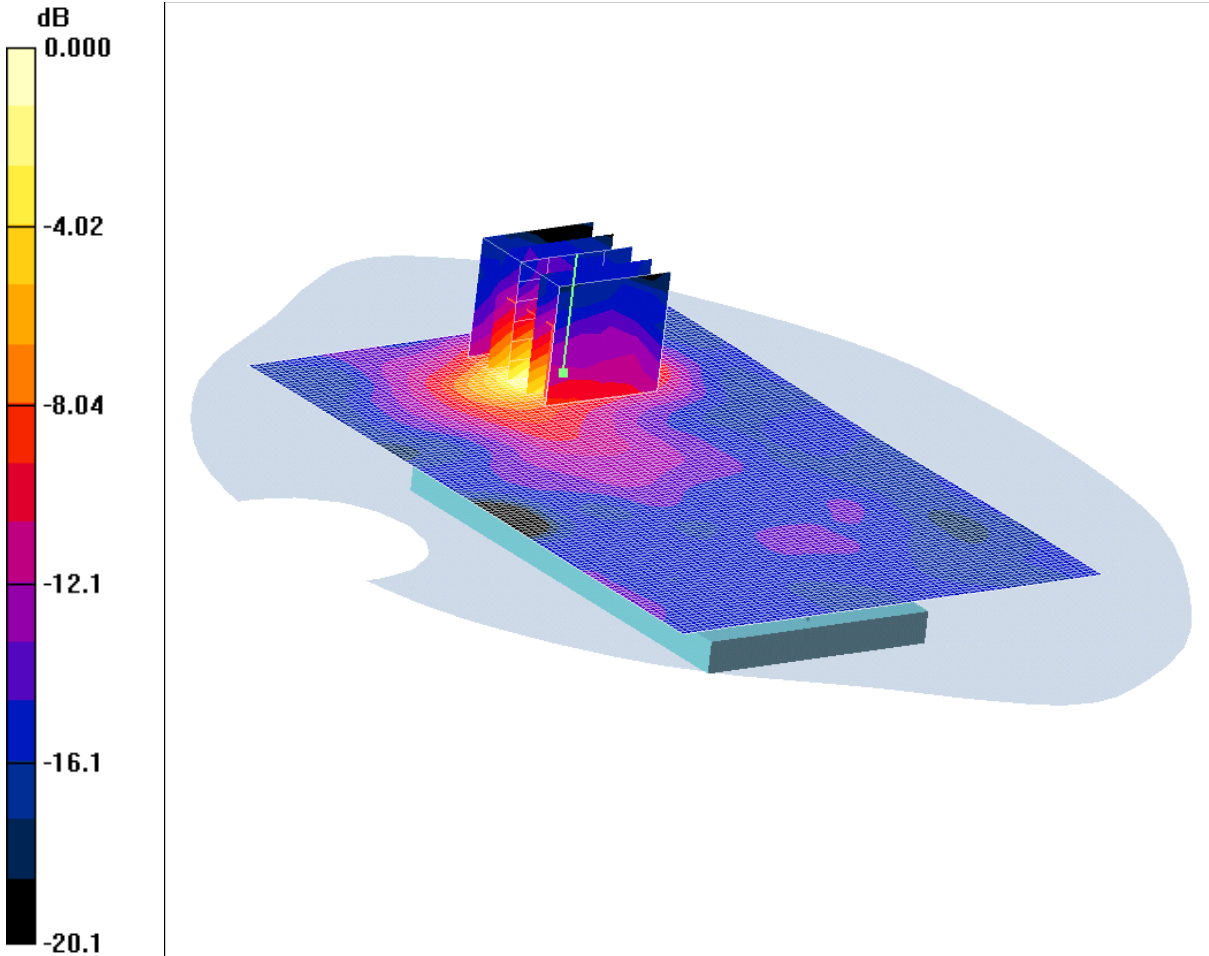
**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.100 mW/g

SCN/85051JD03/063: Rear of EUT Facing Phantom Hotspot Mode WLAN 802.11n 6.5Mbps CH6

Date: 18/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.107mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

**Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.67 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.209 W/kg

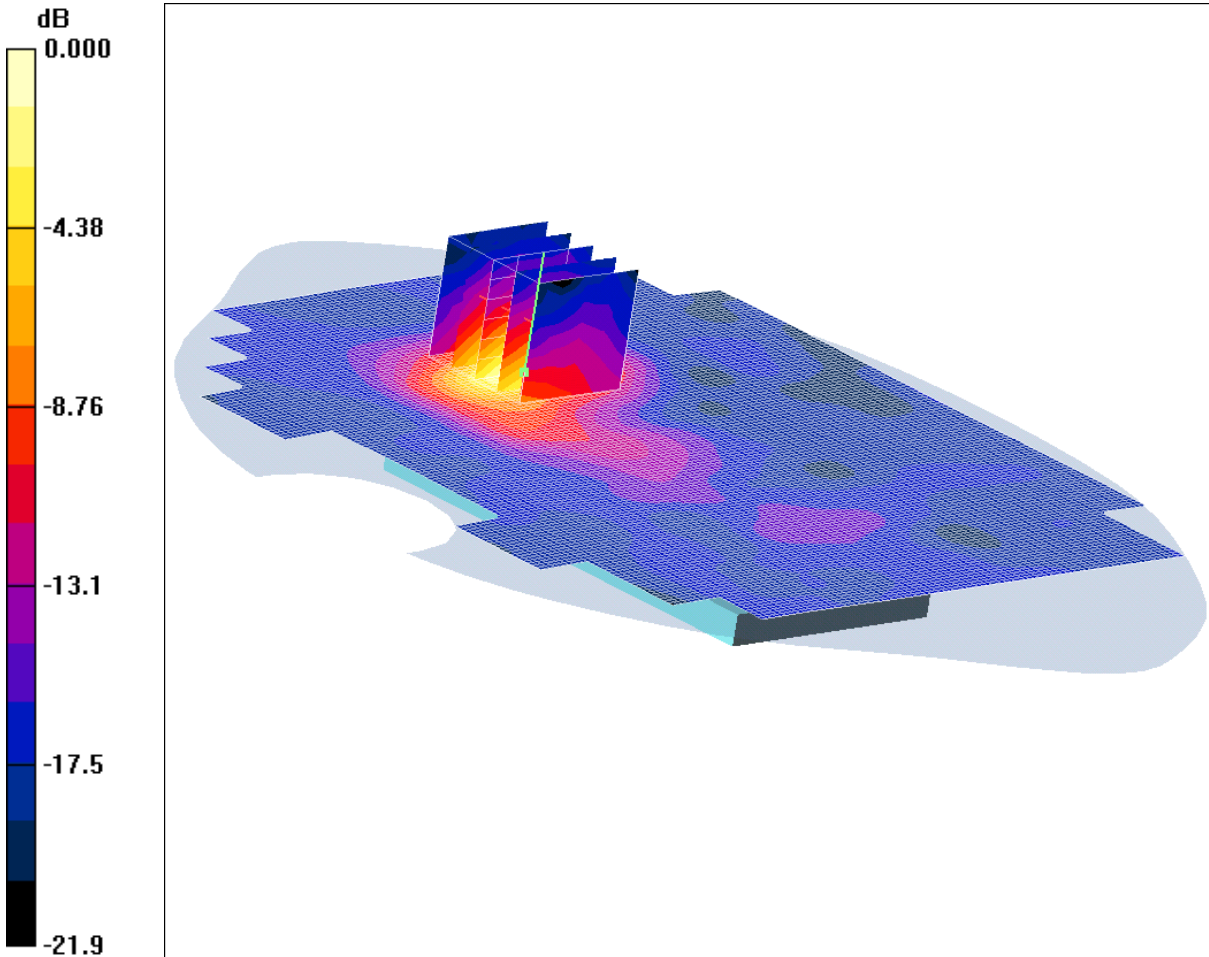
**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.040 mW/g**

Maximum value of SAR (measured) = 0.107 mW/g

SCN/85051JD03/064: Rear of EUT Facing Phantom With PHF Hotspot Mode WLAN 802.11b 1Mbps CH6

Date: 18/01/2012

DUT: Panasonic Mobile Comms Dev of Europe Ltd; Type: EB-4054 (Sample C21); Serial: 359569040021629



0 dB = 0.179mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Rear of EUT Facing Phantom With PHF - Middle/Area Scan (121x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

**Rear of EUT Facing Phantom With PHF - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.60 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.066 mW/g**

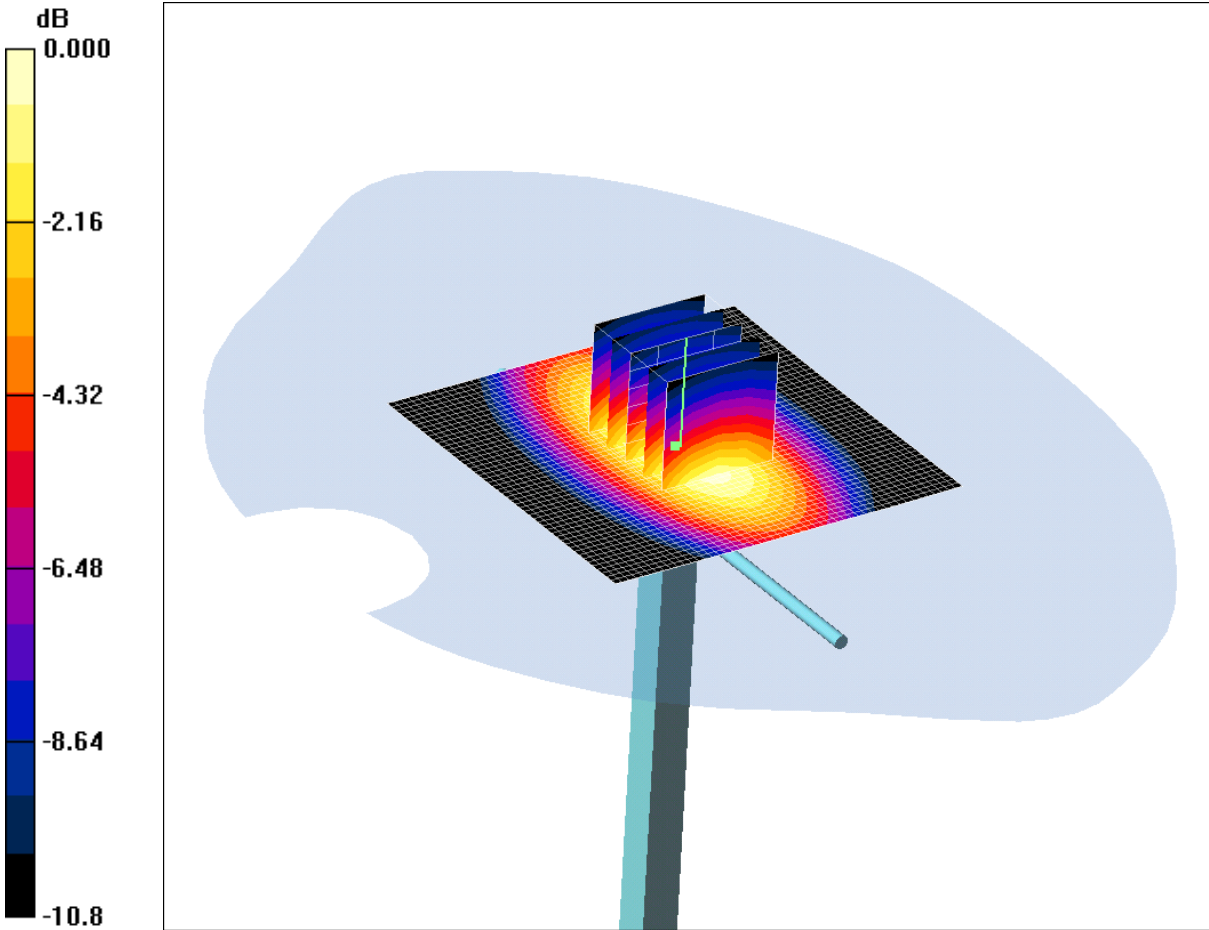
Maximum value of SAR (measured) = 0.179 mW/g



SCN/85051JD03/065: System Performance Check 900MHz Head 09 01 12

Date 09/01/2012

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 2.91mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 42.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW 2/Area Scan (51x51x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 2.94 mW/g

**d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 58.4 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 3.85 W/kg

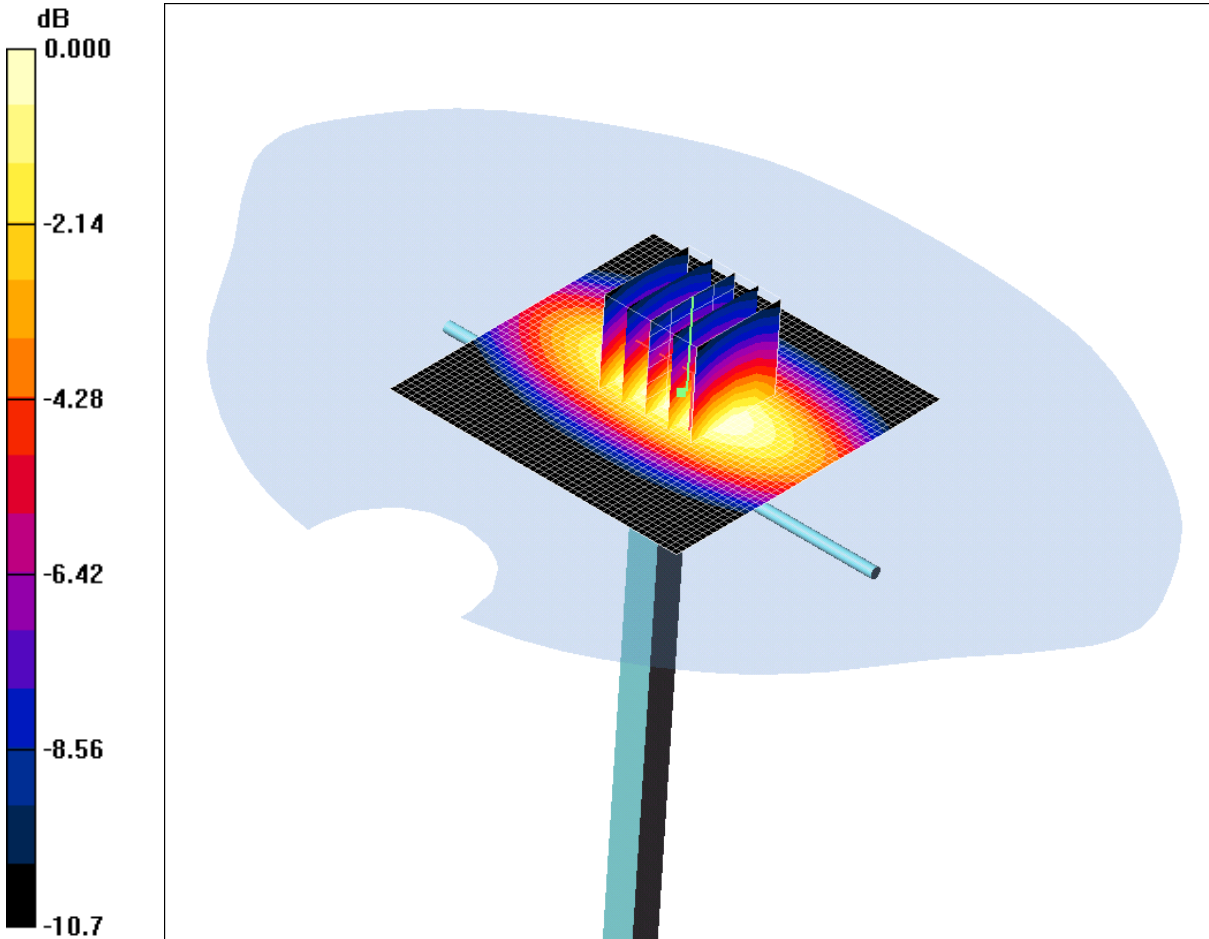
**SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.75 mW/g**

Maximum value of SAR (measured) = 2.91 mW/g

SCN/85051JD03/066: System Performance Check 900MHz Head 11 01 12

Date: 11/01/2012

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 2.93mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.938 \text{ mho/m}$ ;  $\epsilon_r = 42.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW 2/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.99 mW/g

**d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.7 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 3.85 W/kg

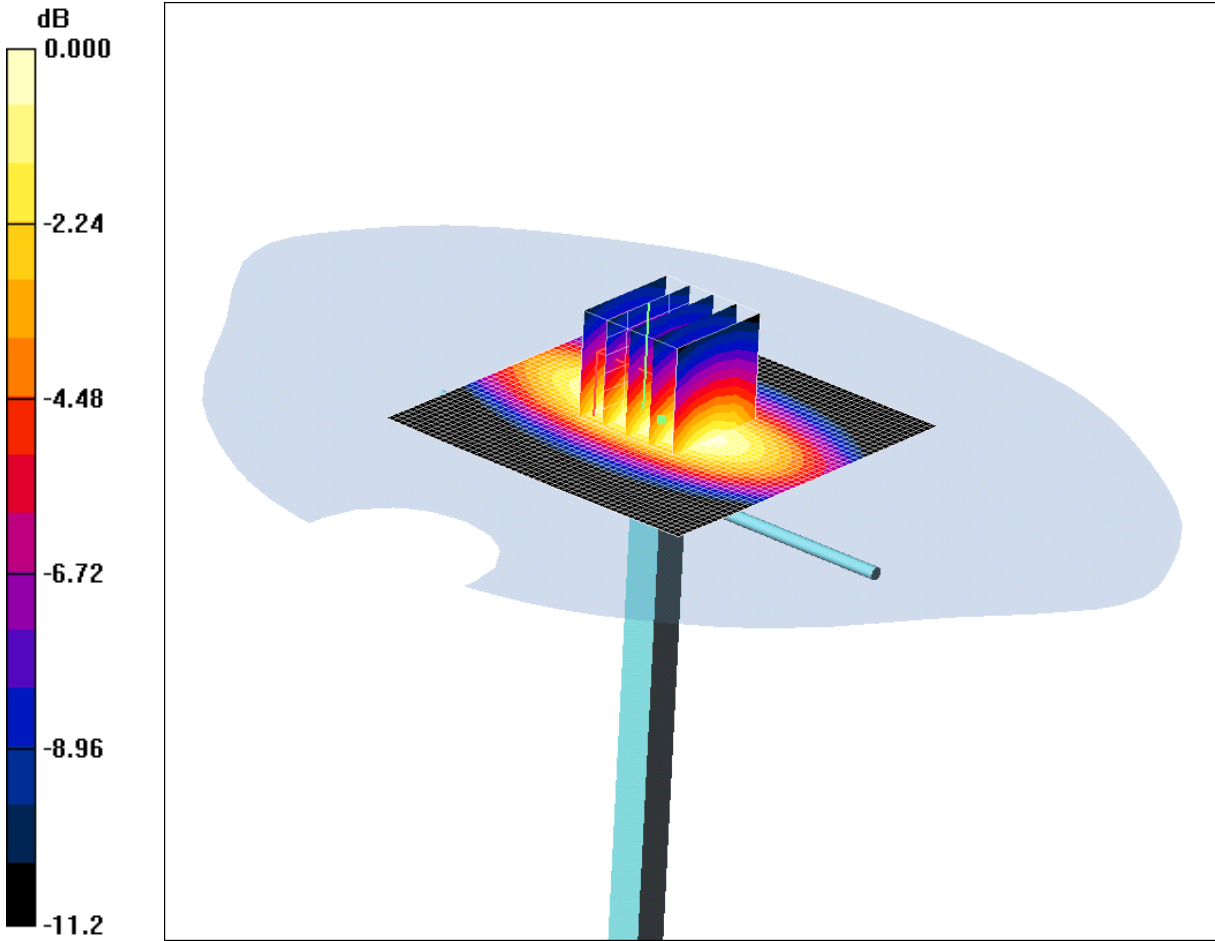
**SAR(1 g) = 2.71 mW/g; SAR(10 g) = 1.78 mW/g**

Maximum value of SAR (measured) = 2.93 mW/g

SCN/85051JD03/067: System Performance Check 900MHz Body 09 01 12

Date: 09/01/2012

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 2.86mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.04 \text{ mho/m}$ ;  $\epsilon_r = 52.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1)**: Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.05 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.5 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 3.78 W/kg

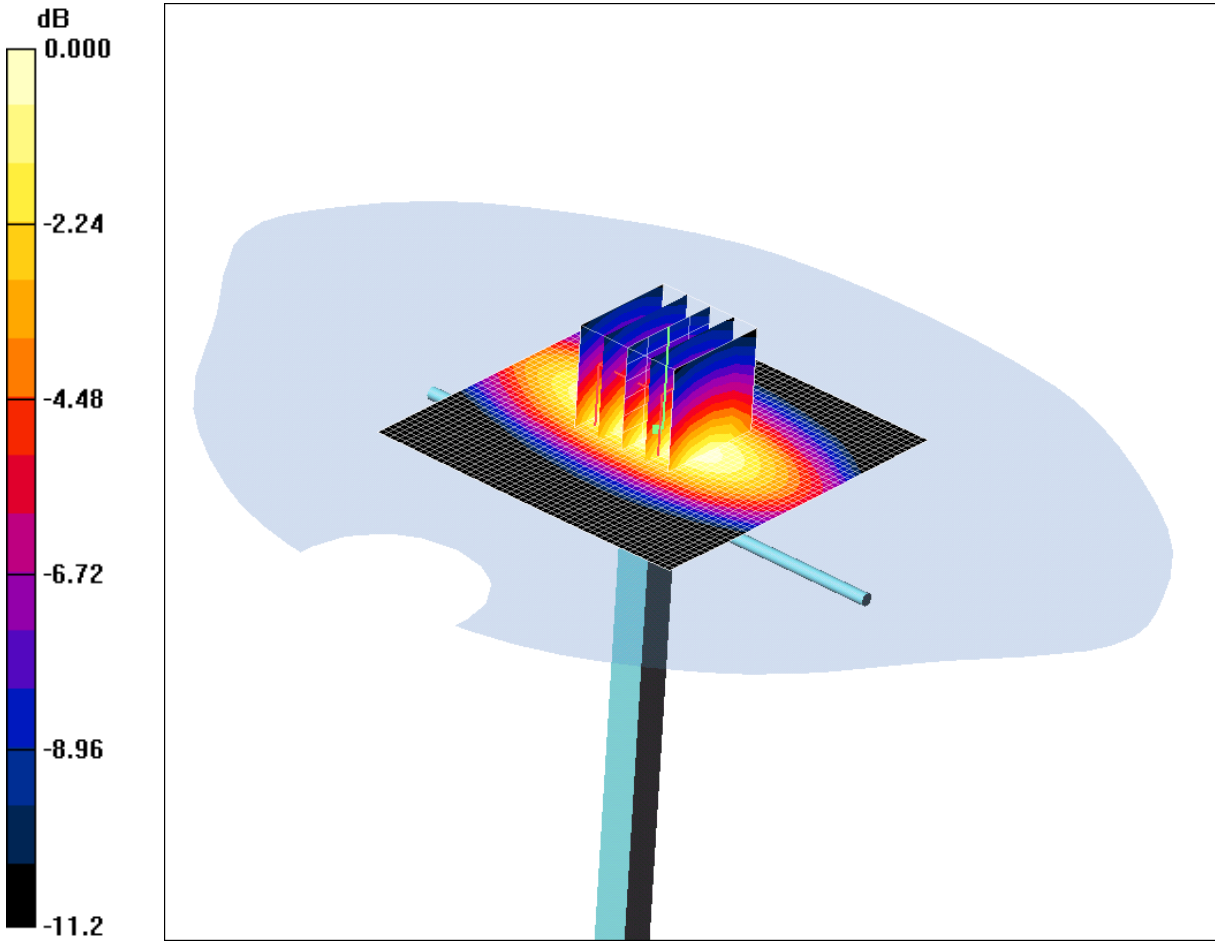
**SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.73 mW/g**

Maximum value of SAR (measured) = 2.86 mW/g

SCN/85051JD03/068: System Performance Check 900MHz Body 10 01 12

Date: 10/01/2012

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 3.00mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.04 \text{ mho/m}$ ;  $\epsilon_r = 52.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 3.16 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 54.2 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 3.94 W/kg

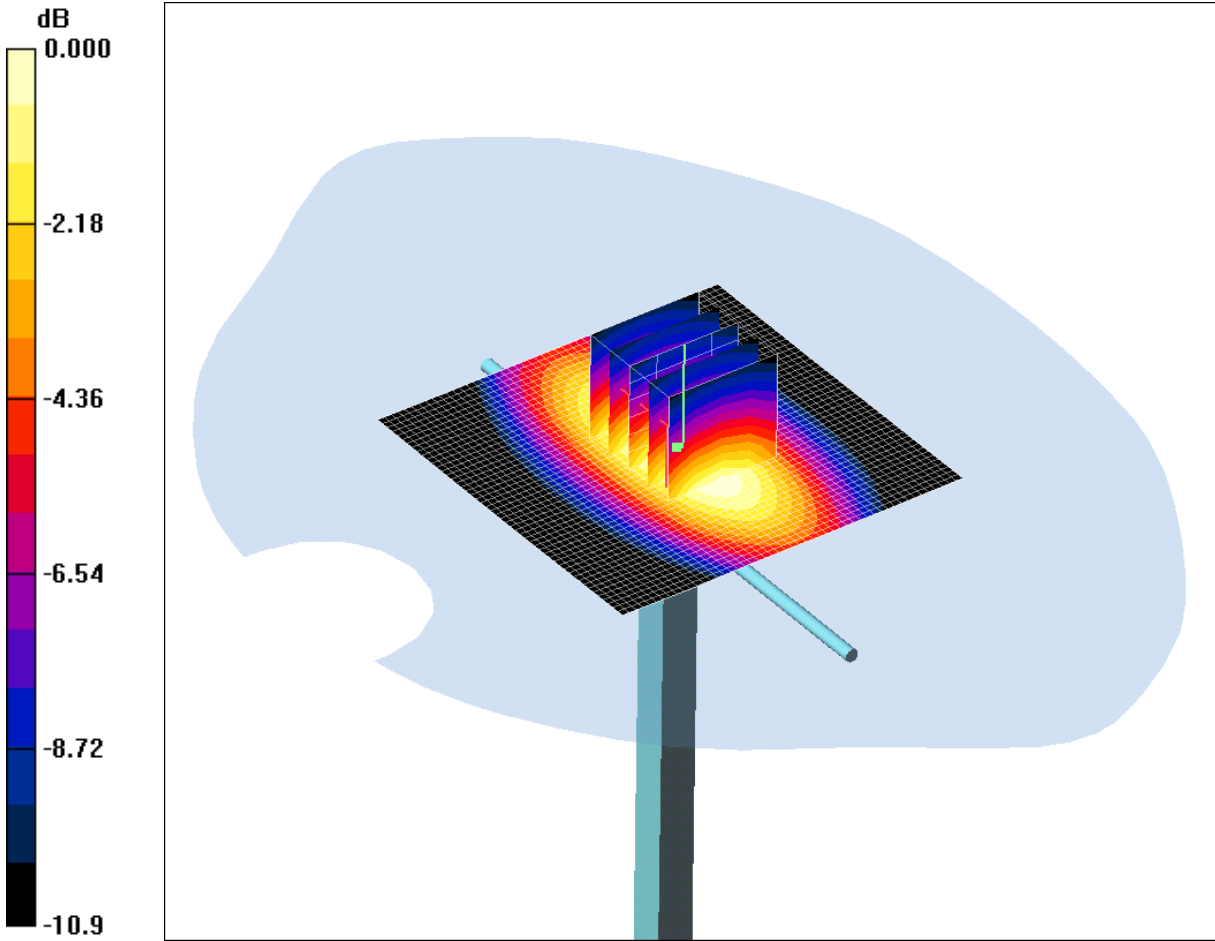
**SAR(1 g) = 2.76 mW/g; SAR(10 g) = 1.79 mW/g**

Maximum value of SAR (measured) = 3.00 mW/g

SCN/85051JD03/069: System Performance Check 900MHz Body 11 01 12

Date 11/01/2012

DUT: Dipole 900 MHz; SN: 124; Type: D900V2; Serial: SN124



0 dB = 2.89mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.05 \text{ mho/m}$ ;  $\epsilon_r = 52.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.06 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.3 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 3.75 W/kg

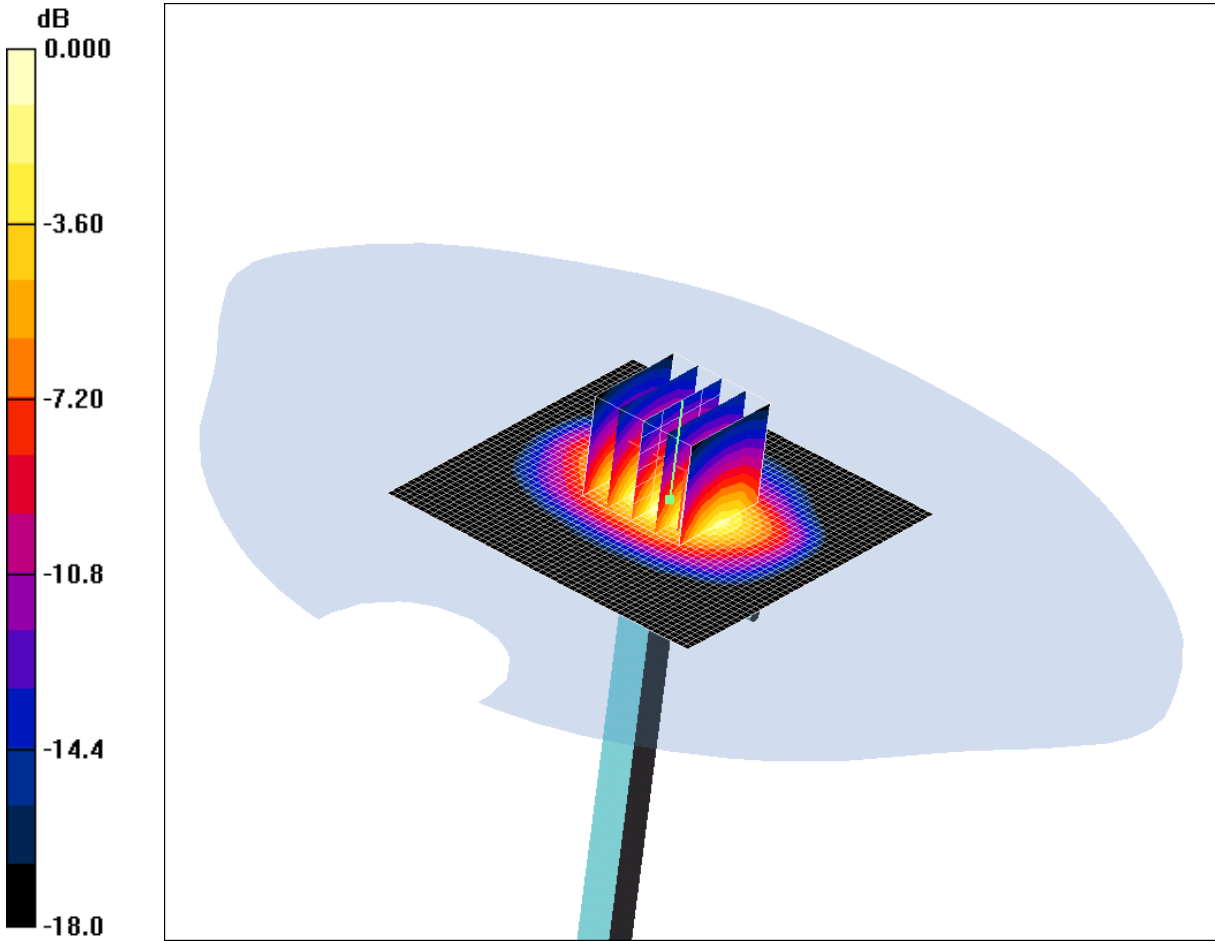
**SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.75 mW/g**

Maximum value of SAR (measured) = 2.89 mW/g

SCN/85051JD03/070: System Performance Check 1900MHz Head 12 01 12

Date: 12/01/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.7mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.81, 4.81, 4.81); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 09/02/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.8 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.6 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 18.7 W/kg

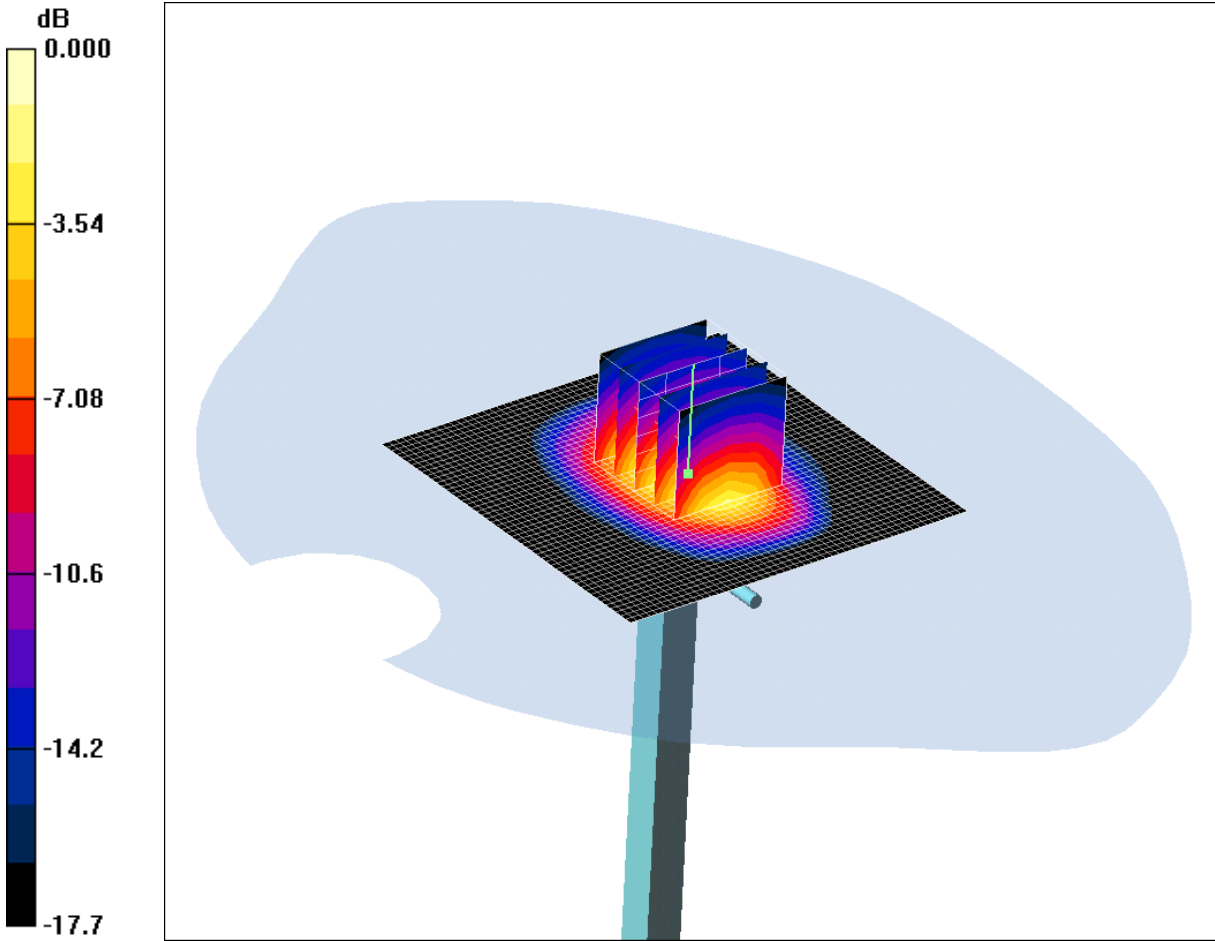
**SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.5 mW/g**

Maximum value of SAR (measured) = 11.7 mW/g

SCN/85051JD03/071: System Performance Check 1900MHz Body 13 01 12

Date: 13/01/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.5mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.4 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.8 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 17.2 W/kg

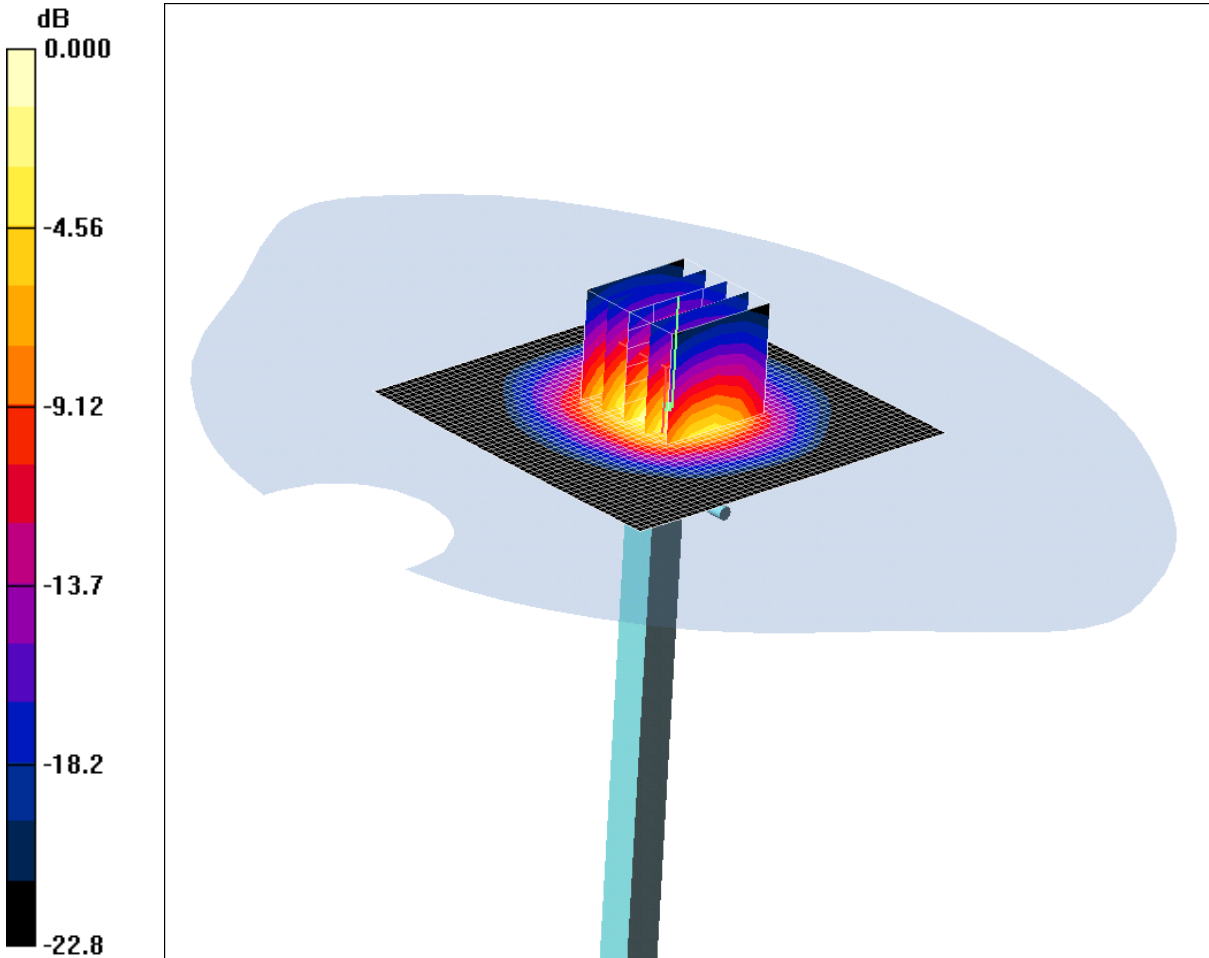
**SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.33 mW/g**

Maximum value of SAR (measured) = 11.5 mW/g

SCN/85051JD03/072: System Performance Check 2450MHz Head 17 01 12

Date: 17/01/2012

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 14.3mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.82 \text{ mho/m}$ ;  $\epsilon_r = 38.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.02, 7.02, 7.02); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 18.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.5 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 27.2 W/kg

**SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.9 mW/g**

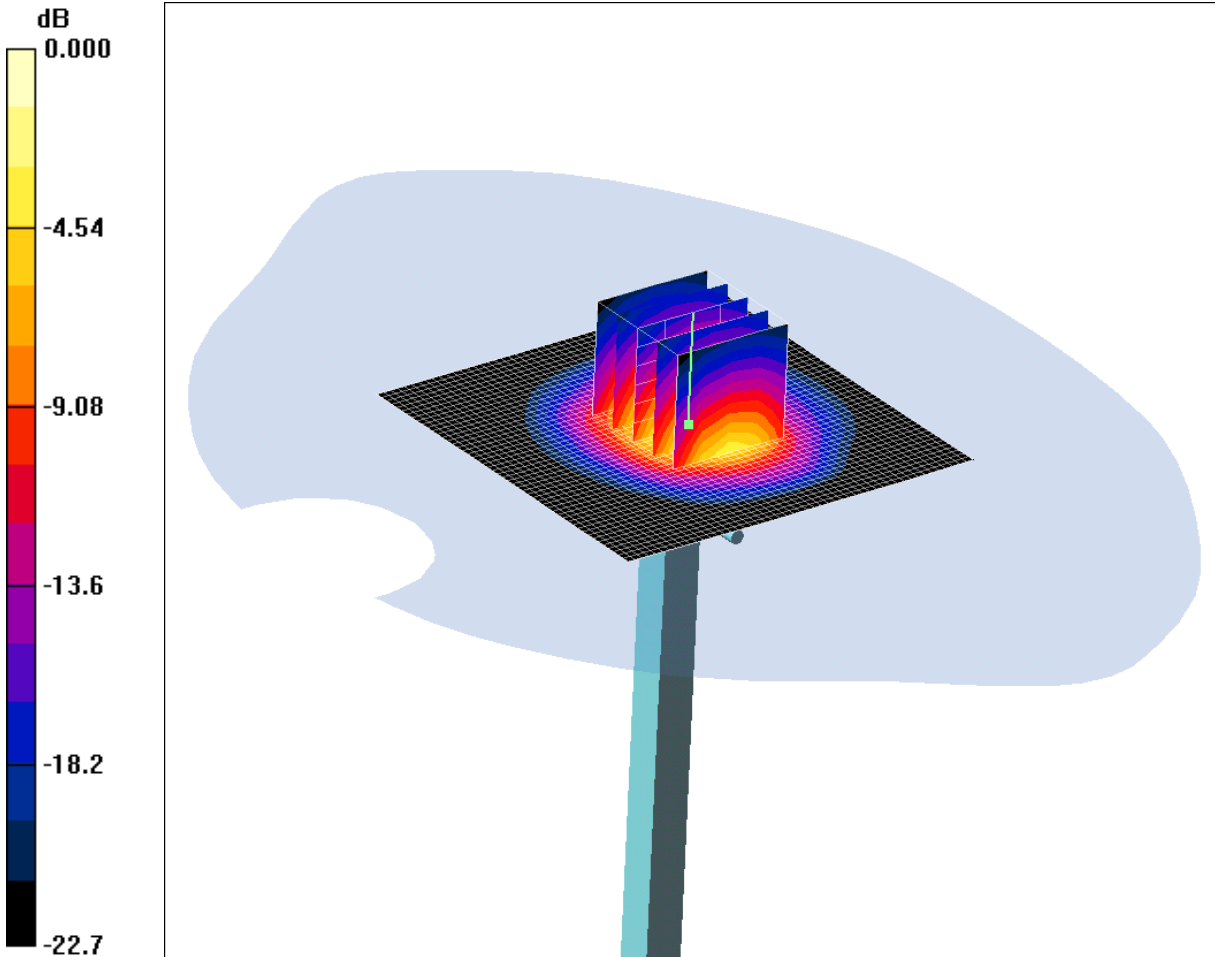
Maximum value of SAR (measured) = 14.3 mW/g



SCN/85051JD03/073: System Performance Check 2450MHz Body 17 01 12

Date 17/01/2012

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 15.1mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 2.03 \text{ mho/m}$ ;  $\epsilon_r = 50.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 18.4 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.9 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 27.9 W/kg

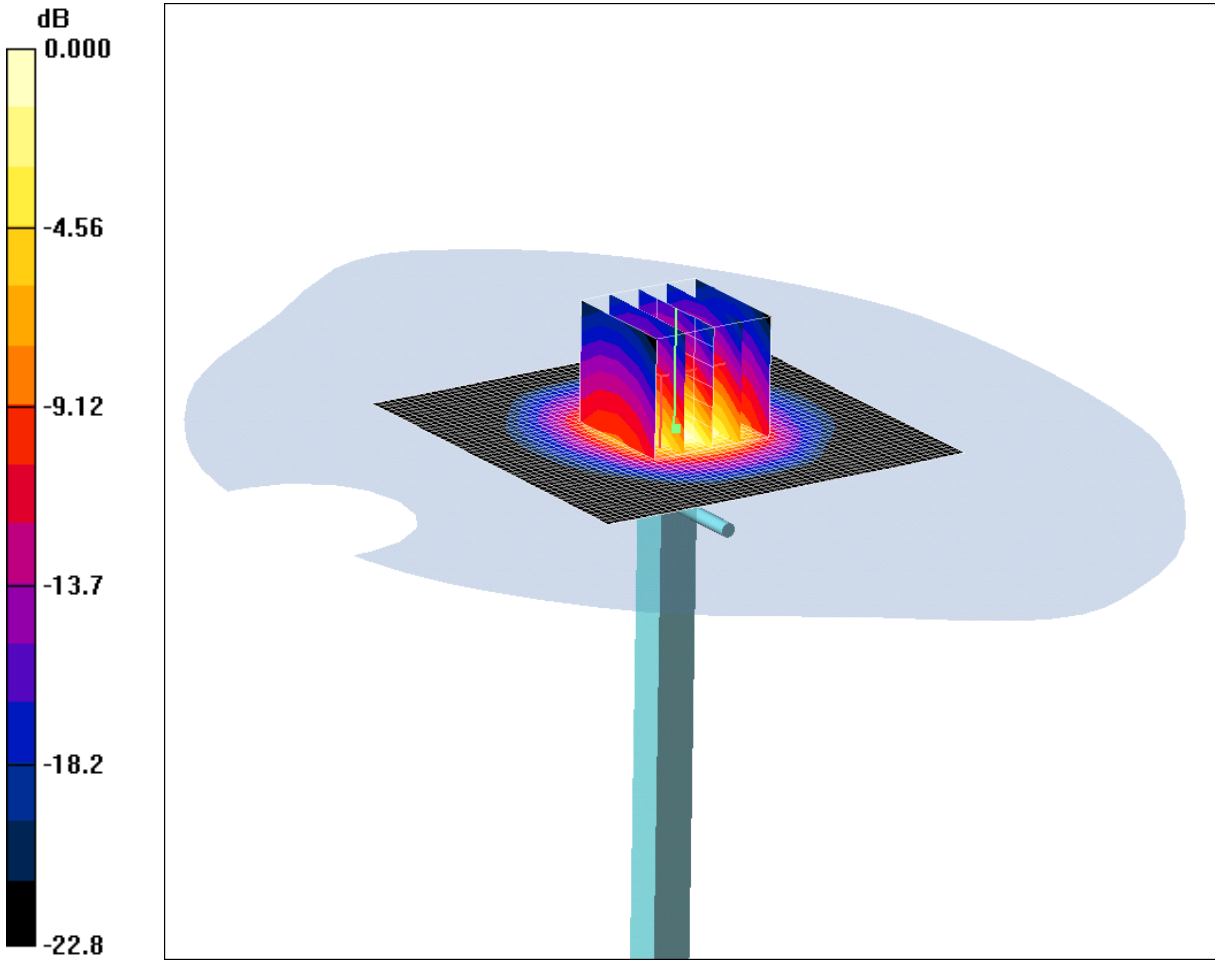
**SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.1 mW/g**

Maximum value of SAR (measured) = 15.1 mW/g

SCN/85051JD03/074: System Performance Check 2450MHz Body 18 01 12

Date: 18/01/2012

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 15.2mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 2.03 \text{ mho/m}$ ;  $\epsilon_r = 50.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.15, 7.15, 7.15); Calibrated: 22/09/2011

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 09/02/2011

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 19.6 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.0 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 27.6 W/kg

**SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.08 mW/g**

Maximum value of SAR (measured) = 15.2 mW/g