

Appendix 3. SAR Distribution Scans

This appendix contains SAR distribution scans which are not included in the total number of pages for this report.

Scan Reference Number	Title
SCN/87693JD02/001	Touch Left GSM CH190
SCN/87693JD02/002	Touch Left GSM CH128
SCN/87693JD02/003	Touch Left GSM CH251
SCN/87693JD02/004	Tilt Left GSM CH190
SCN/87693JD02/005	Touch Right GSM CH190
SCN/87693JD02/006	Touch Right GSM CH128
SCN/87693JD02/007	Touch Right GSM CH251
SCN/87693JD02/008	Tilt Right GSM CH190
SCN/87693JD02/009	Front of EUT Facing Phantom GPRS CH190
SCN/87693JD02/010	Back of EUT Facing Phantom GPRS CH190
SCN/87693JD02/011	Left Hand Side of EUT Facing Phantom GPRS CH190
SCN/87693JD02/012	Right Hand Side of EUT Facing Phantom GPRS CH190
SCN/87693JD02/013	Bottom of EUT Facing Phantom GPRS CH190
SCN/87693JD02/014	Back of EUT Facing Phantom GPRS CH128
SCN/87693JD02/015	Back of EUT Facing Phantom GPRS CH251
SCN/87693JD02/016	Back of EUT Facing Phantom at 15mm GPRS CH190
SCN/87693JD02/017	Back of EUT Facing Phantom at 15mm GPRS CH128
SCN/87693JD02/018	Back of EUT Facing Phantom at 15mm GPRS CH251
SCN/87693JD02/019	Back of EUT Facing Phantom GSM CH190
SCN/87693JD02/020	Back of EUT Facing Phantom GSM CH128
SCN/87693JD02/021	Back of EUT Facing Phantom GSM CH251
SCN/87693JD02/022	Back of EUT Facing Phantom with PHF GSM CH190
SCN/87693JD02/023	Touch Left PCS CH661
SCN/87693JD02/024	Tilt Left PCS CH661
SCN/87693JD02/025	Touch Right PCS CH661
SCN/87693JD02/026	Tilt Right PCS CH661
SCN/87693JD02/027	Touch Left PCS CH512
SCN/87693JD02/028	Touch Left PCS CH810
SCN/87693JD02/029	Front of EUT Facing Phantom GPRS CH661
SCN/87693JD02/030	Back of EUT Facing Phantom GPRS CH661
SCN/87693JD02/031	Left Hand Side of EUT Facing Phantom GPRS CH661
SCN/87693JD02/032	Right Hand Side of EUT Facing Phantom GPRS CH661
SCN/87693JD02/033	Bottom of EUT Facing Phantom GPRS CH661

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/87693JD02/034	Back of EUT Facing Phantom GPRS CH512
SCN/87693JD02/035	Back of EUT Facing Phantom GPRS CH810
SCN/87693JD02/036	Back of EUT Facing Phantom at 15mm GPRS CH661
SCN/87693JD02/037	Back of EUT Facing Phantom at 15mm GPRS CH512
SCN/87693JD02/038	Back of EUT Facing Phantom at 15mm GPRS CH810
SCN/87693JD02/039	Back of EUT Facing Phantom PCS CH661
SCN/87693JD02/040	Back of EUT Facing Phantom with PHF PCS CH661
SCN/87693JD02/041	Touch Left UMTS FDD II CH9400
SCN/87693JD02/042	Touch Left UMTS FDD II CH9262
SCN/87693JD02/043	Touch Left UMTS FDD II CH9538
SCN/87693JD02/044	Tilt Left UMTS FDD II CH9400
SCN/87693JD02/045	Touch Right UMTS FDD II CH9400
SCN/87693JD02/046	Tilt Right UMTS FDD II CH9400
SCN/87693JD02/047	Front of EUT Facing Phantom UMTS FDD II CH9400
SCN/87693JD02/048	Back of EUT Facing Phantom UMTS FDD II CH9400
SCN/87693JD02/049	Left Hand Side of EUT Facing Phantom UMTS FDD II CH9400
SCN/87693JD02/050	Right Hand Side of EUT Facing Phantom UMTS FDD II CH9400
SCN/87693JD02/051	Bottom of EUT Facing Phantom UMTS FDD II CH9400
SCN/87693JD02/052	Back of EUT Facing Phantom UMTS FDD II CH9262
SCN/87693JD02/053	Back of EUT Facing Phantom UMTS FDD II CH9538
SCN/87693JD02/054	Back of EUT Facing Phantom at 15mm UMTS FDD II CH9400
SCN/87693JD02/055	Back of EUT Facing Phantom at 15mm UMTS FDD II CH9262
SCN/87693JD02/056	Back of EUT Facing Phantom at 15mm UMTS FDD II CH9538
SCN/87693JD02/057	Back of EUT Facing Phantom at 15mm with PHF UMTS FDD II CH9400
SCN/87693JD02/058	Touch Left UMTS FDD V CH4183
SCN/87693JD02/059	Touch Left UMTS FDD V CH4132
SCN/87693JD02/060	Touch Left UMTS FDD V CH4233
SCN/87693JD02/061	Tilt Left UMTS FDD V CH4183
SCN/87693JD02/062	Touch Right UMTS FDD V CH4183
SCN/87693JD02/063	Touch Right UMTS FDD V CH4132
SCN/87693JD02/064	Touch Right UMTS FDD V CH4233
SCN/87693JD02/065	Tilt Right UMTS FDD V CH4183
SCN/87693JD02/066	Front of EUT Facing Phantom UMTS FDD V CH4183
SCN/87693JD02/067	Back of EUT Facing Phantom UMTS FDD V CH4183
SCN/87693JD02/068	Left Hand Side of EUT Facing Phantom UMTS FDD V CH4183
SCN/87693JD02/069	Right Hand Side of EUT Facing Phantom UMTS FDD V CH4183
SCN/87693JD02/070	Bottom of EUT Facing Phantom UMTS FDD V CH4183

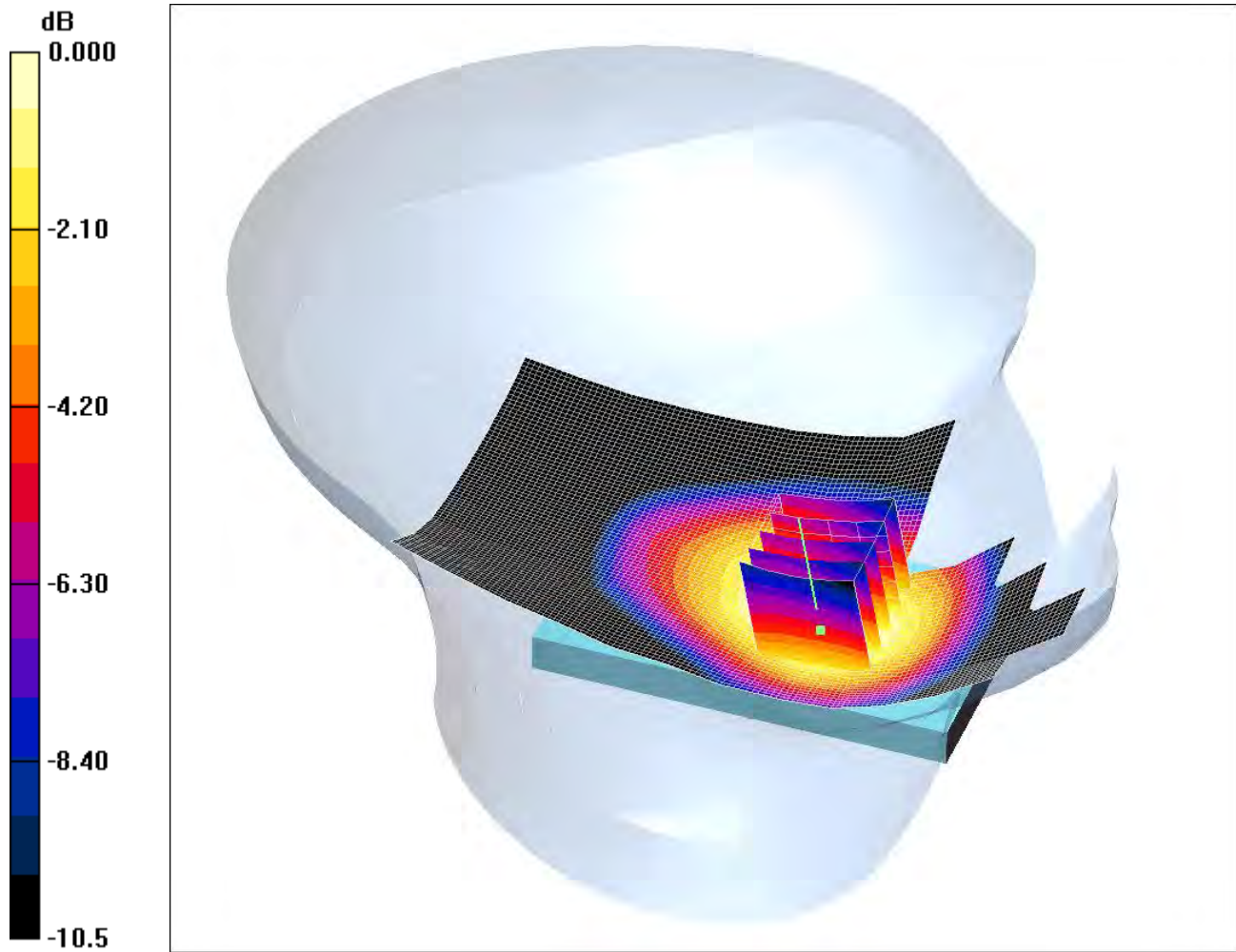
SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/87693JD02/071	Back of EUT Facing Phantom UMTS FDD V CH4132
SCN/87693JD02/072	Back of EUT Facing Phantom UMTS FDD V CH4233
SCN/87693JD02/073	Back of EUT Facing Phantom at 15mm UMTS FDD V CH4183
SCN/87693JD02/074	Back of EUT Facing Phantom at 15mm UMTS FDD V CH4132
SCN/87693JD02/075	Back of EUT Facing Phantom at 15mm UMTS FDD V CH4233
SCN/87693JD02/076	Back of EUT Facing Phantom at 15mm with PHF UMTS FDD V CH4233
SCN/87693JD02/077	Touch Left WLAN 802.11b 1Mbps CH6
SCN/87693JD02/078	Tilt Left WLAN 802.11b 1Mbps CH6
SCN/87693JD02/079	Touch Right WLAN 802.11b 1Mbps CH6
SCN/87693JD02/080	Tilt Right WLAN 802.11b 1Mbps CH6
SCN/87693JD02/081	Touch Right WLAN 802.11b 1Mbps CH1
SCN/87693JD02/082	Touch Right WLAN 802.11b 1Mbps CH11
SCN/87693JD02/083	Front of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87693JD02/084	Back of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87693JD02/085	Left Hand Side of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87693JD02/086	Back of EUT Facing Phantom WLAN 802.11b 1Mbps CH1
SCN/87693JD02/087	Back of EUT Facing Phantom WLAN 802.11b 1Mbps CH11
SCN/87693JD02/088	Back of EUT Facing Phantom with PHF WLAN 802.11b 1Mbps CH11
SCN/87693JD02/089	System Performance Check 900MHz Head 26 05 12
SCN/87693JD02/090	System Performance Check 900MHz Head 28 05 12
SCN/87693JD02/091	System Performance Check 900MHz Body 28 05 12
SCN/87693JD02/092	System Performance Check 900MHz Body 29 05 12
SCN/87693JD02/093	System Performance Check 900MHz Body 30 05 12
SCN/87693JD02/094	System Performance Check 1900MHz Head 28 05 12
SCN/87693JD02/095	System Performance Check 1900MHz Head 29 05 12
SCN/87693JD02/096	System Performance Check 1900MHz Body 30 05 12
SCN/87693JD02/097	System Performance Check 1900MHz Body 31 05 12
SCN/87693JD02/098	System Performance Check 2450MHz Head 01 06 12
SCN/87693JD02/099	System Performance Check 2450MHz Head 02 06 12
SCN/87693JD02/100	System Performance Check 2450MHz Body 01 06 12
SCN/87693JD02/101	System Performance Check 2450MHz Body 02 06 12

SCN/87693JD02/001: Touch Left GSM CH190

Date: 26/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.987mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.991 mW/g

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

Reference Value = 11.8 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.20 W/kg

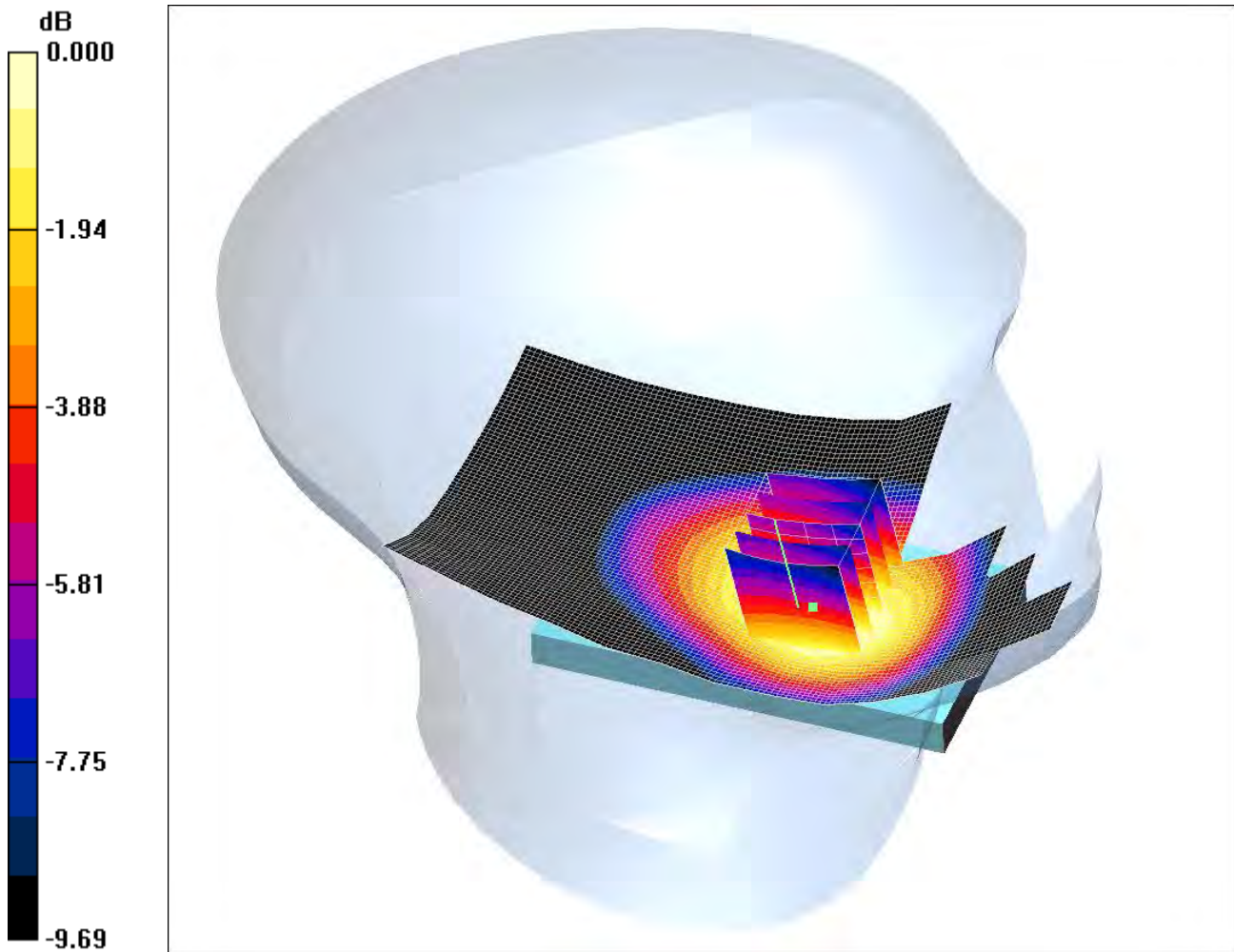
SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.701 mW/g

Maximum value of SAR (measured) = 0.987 mW/g

SCN/87693JD02/002: Touch Left GSM CH128

Date: 26/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.791mW/g

Communication System: GSM 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.784 mW/g

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

Reference Value = 10.5 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.963 W/kg

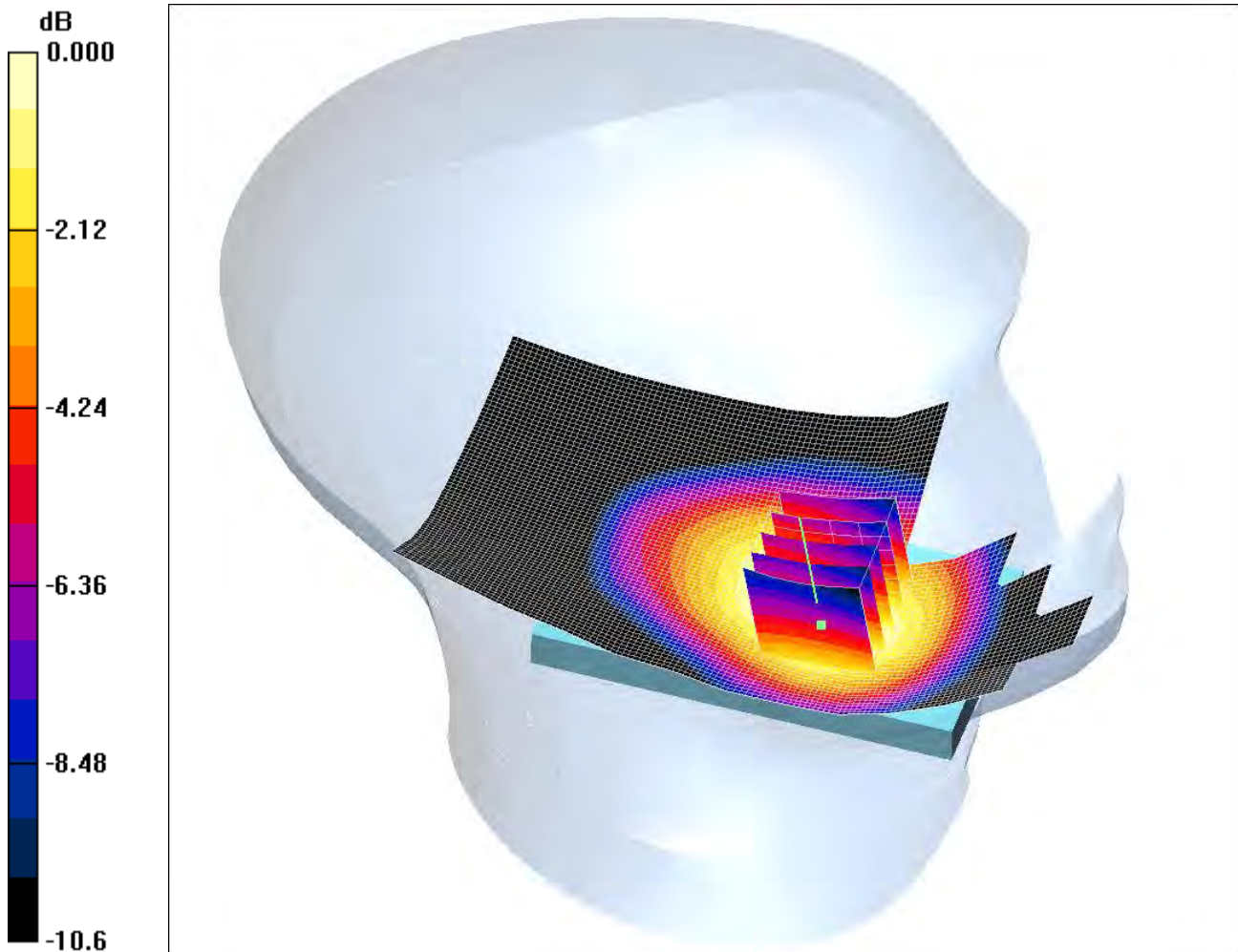
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.567 mW/g

Maximum value of SAR (measured) = 0.791 mW/g

SCN/87693JD02/003: Touch Left GSM CH251

Date: 26/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 1.10mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

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

Reference Value = 12.3 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.34 W/kg

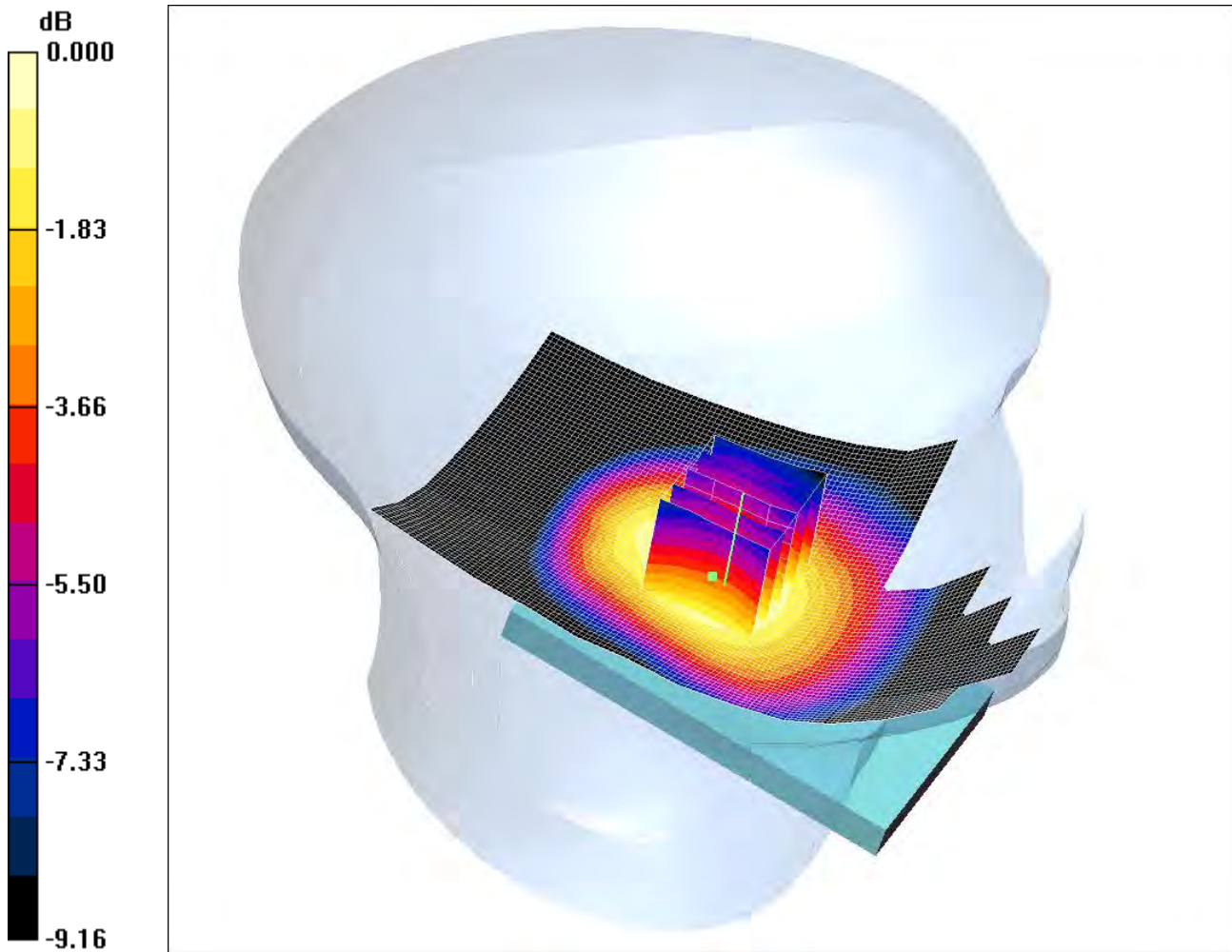
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.785 mW/g

Maximum value of SAR (measured) = 1.10 mW/g

SCN/87693JD02/004: Tilt Left GSM CH190

Date: 26/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.599mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.608 mW/g

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

Reference Value = 17.9 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.720 W/kg

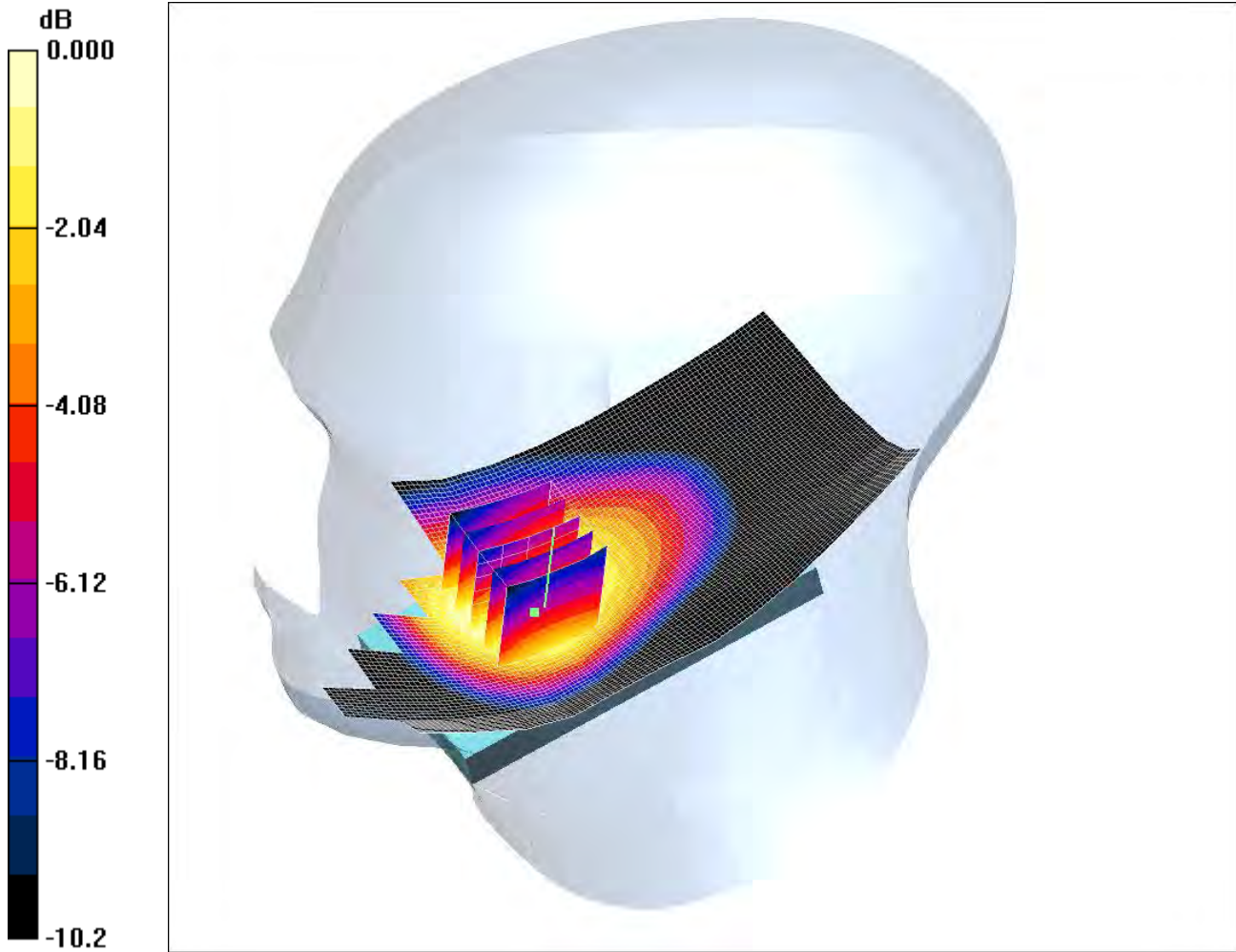
SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.599 mW/g

SCN/87693JD02/005: Touch Right GSM CH190

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.929mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.935 mW/g

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

Reference Value = 11.0 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 1.10 W/kg

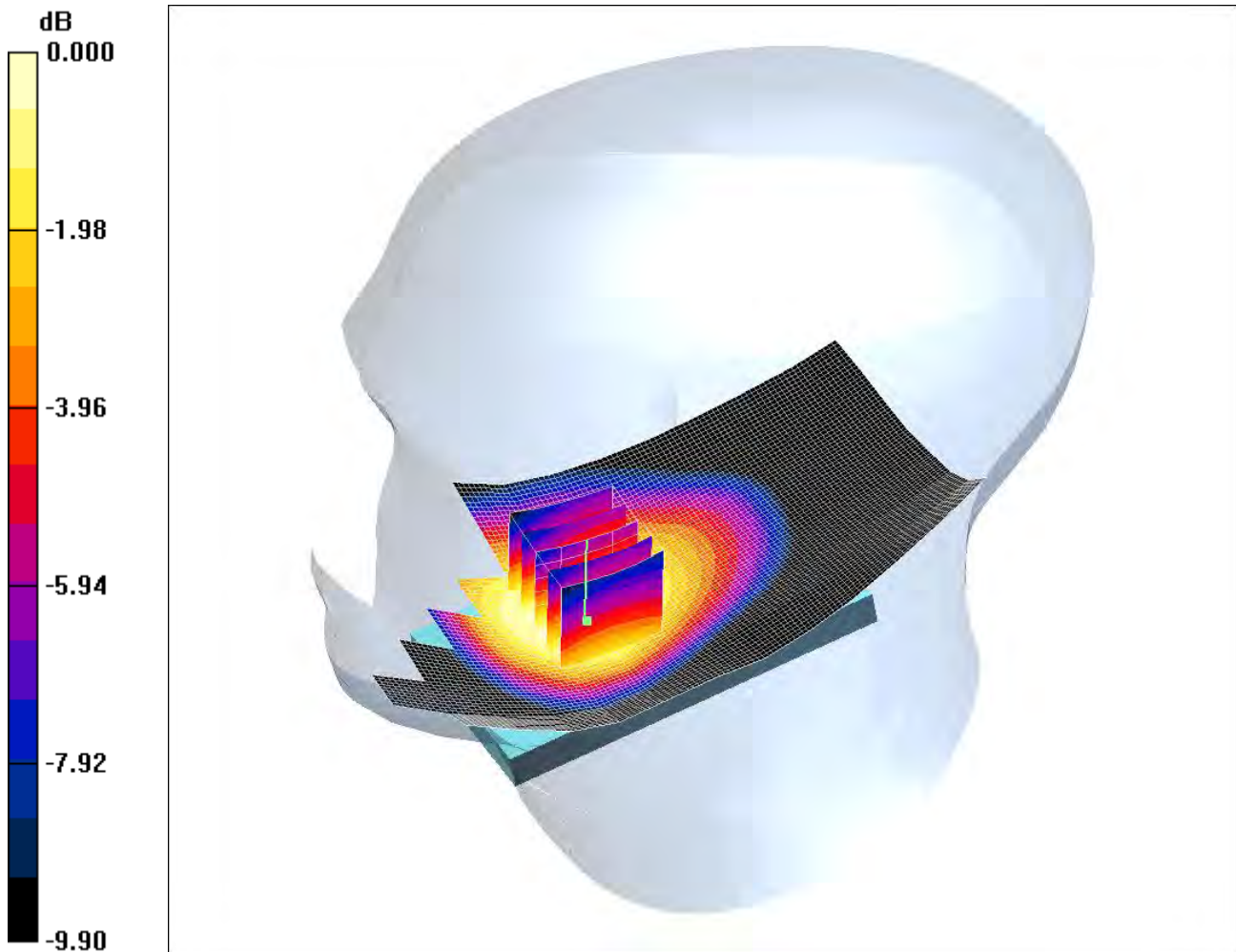
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.659 mW/g

Maximum value of SAR (measured) = 0.929 mW/g

SCN/87693JD02/006: Touch Right GSM CH128

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.774mW/g

Communication System: GSM 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Right - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.796 mW/g

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

Reference Value = 9.83 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.913 W/kg

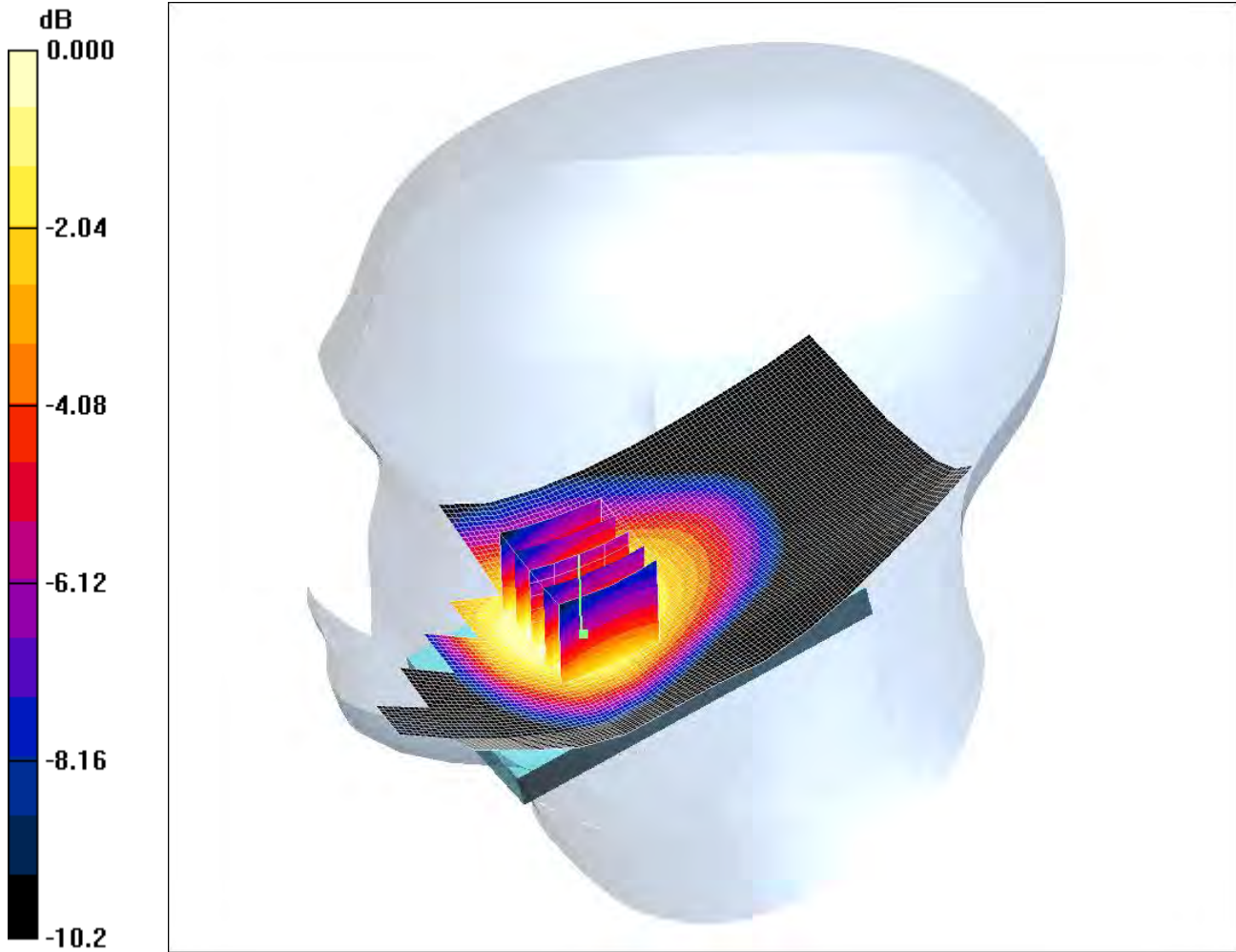
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.563 mW/g

Maximum value of SAR (measured) = 0.774 mW/g

SCN/87693JD02/007: Touch Right GSM CH251

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.03mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Right - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 mW/g

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

Reference Value = 11.1 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 1.23 W/kg

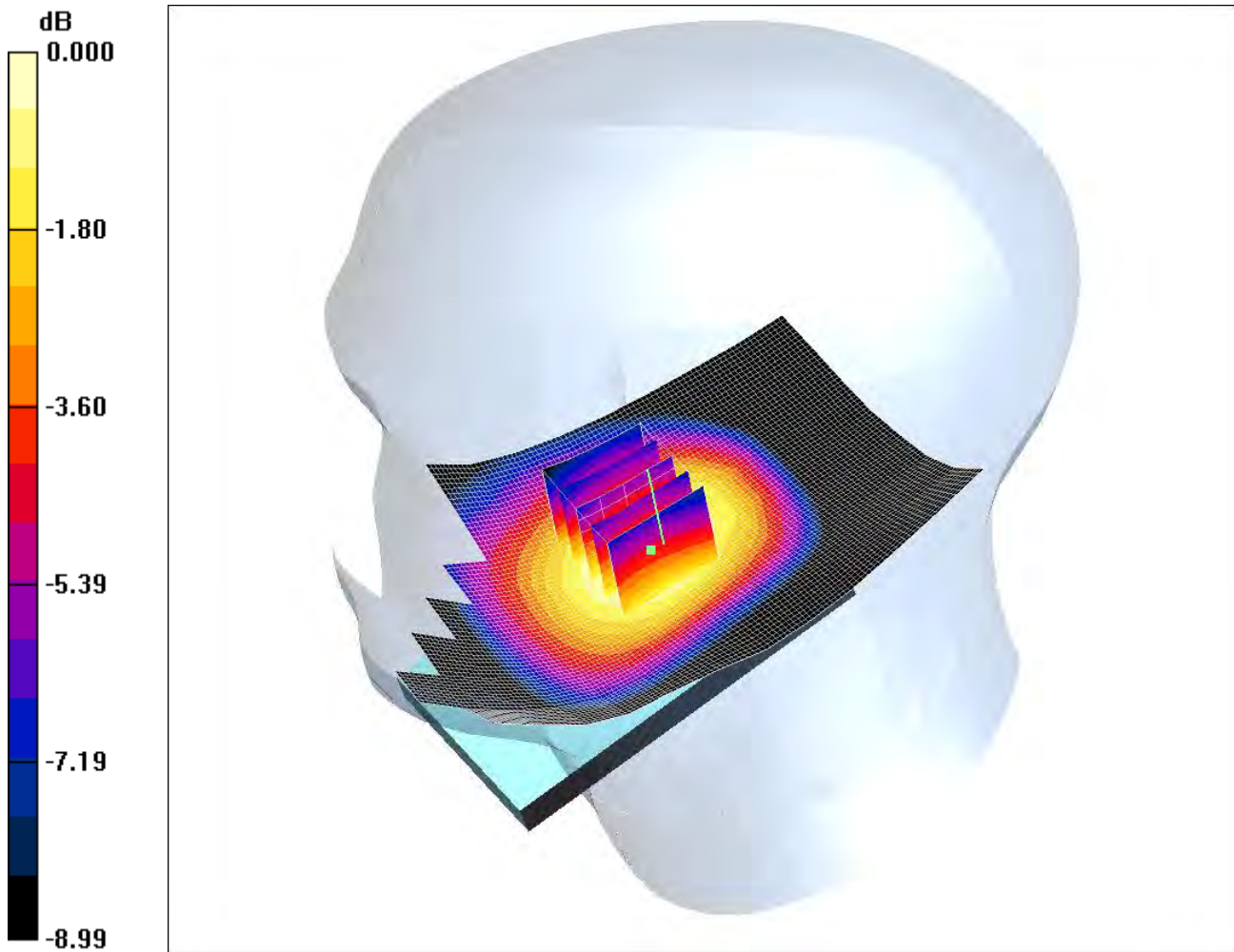
SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.747 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

SCN/87693JD02/008: Tilt Right GSM CH190

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.560mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.570 mW/g

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

Reference Value = 16.7 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.676 W/kg

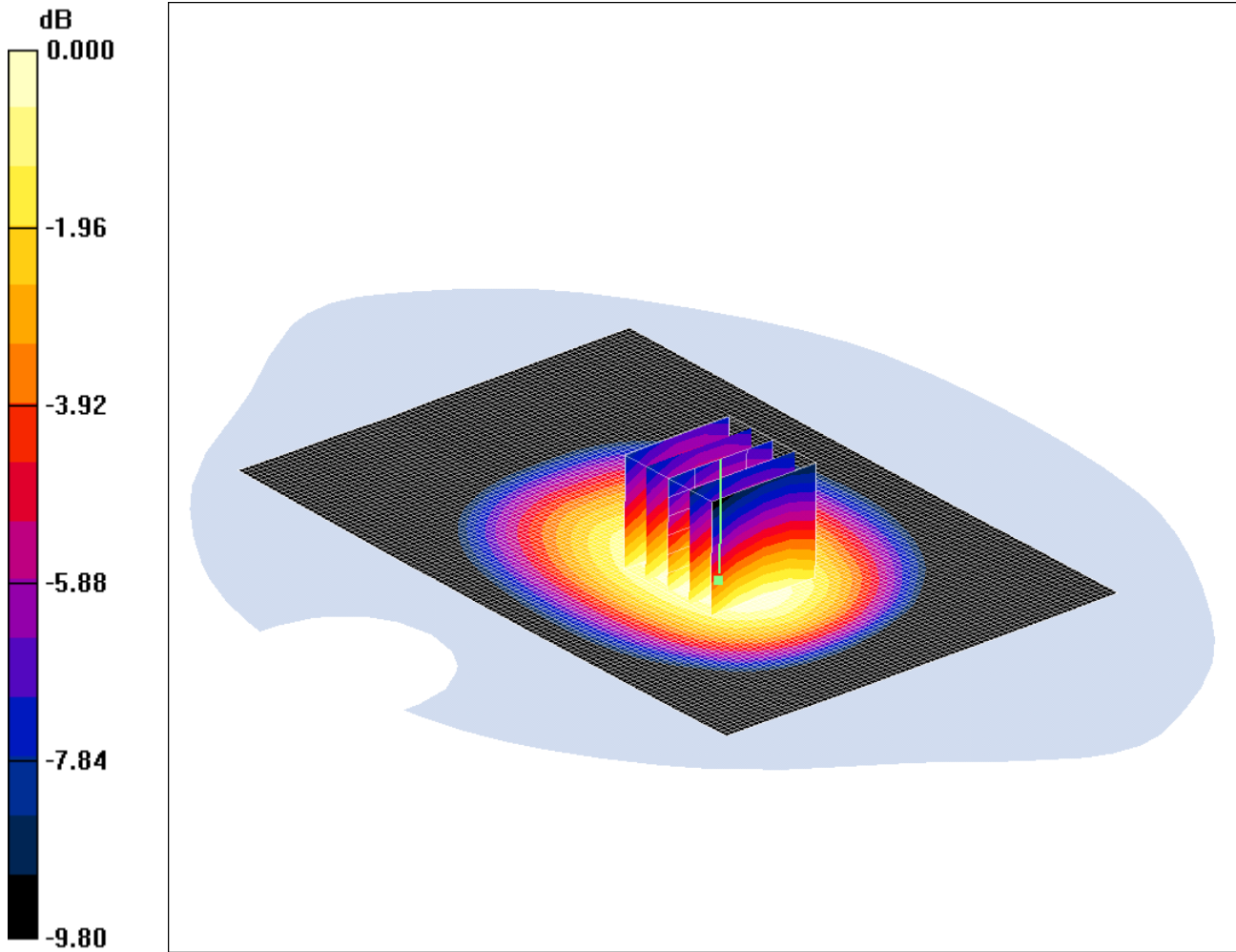
SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.560 mW/g

SCN/87693JD02/009: Front of EUT Facing Phantom GPRS CH190

Date: 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.646mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.648 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 24.2 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.740 W/kg

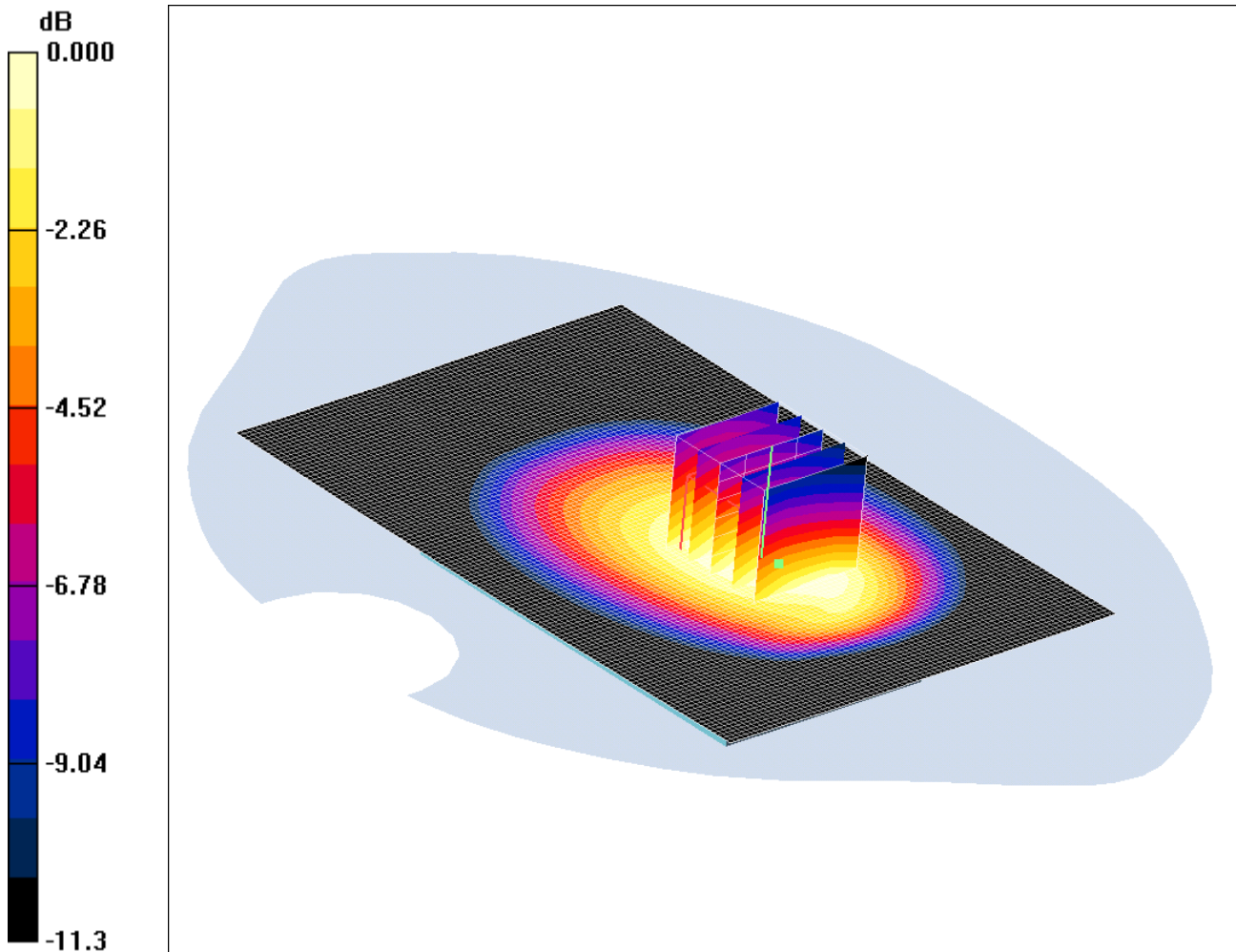
SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.646 mW/g

SCN/87693JD02/010: Back of EUT Facing Phantom GPRS CH190

Date: 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.807mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.826 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 25.7 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.981 W/kg

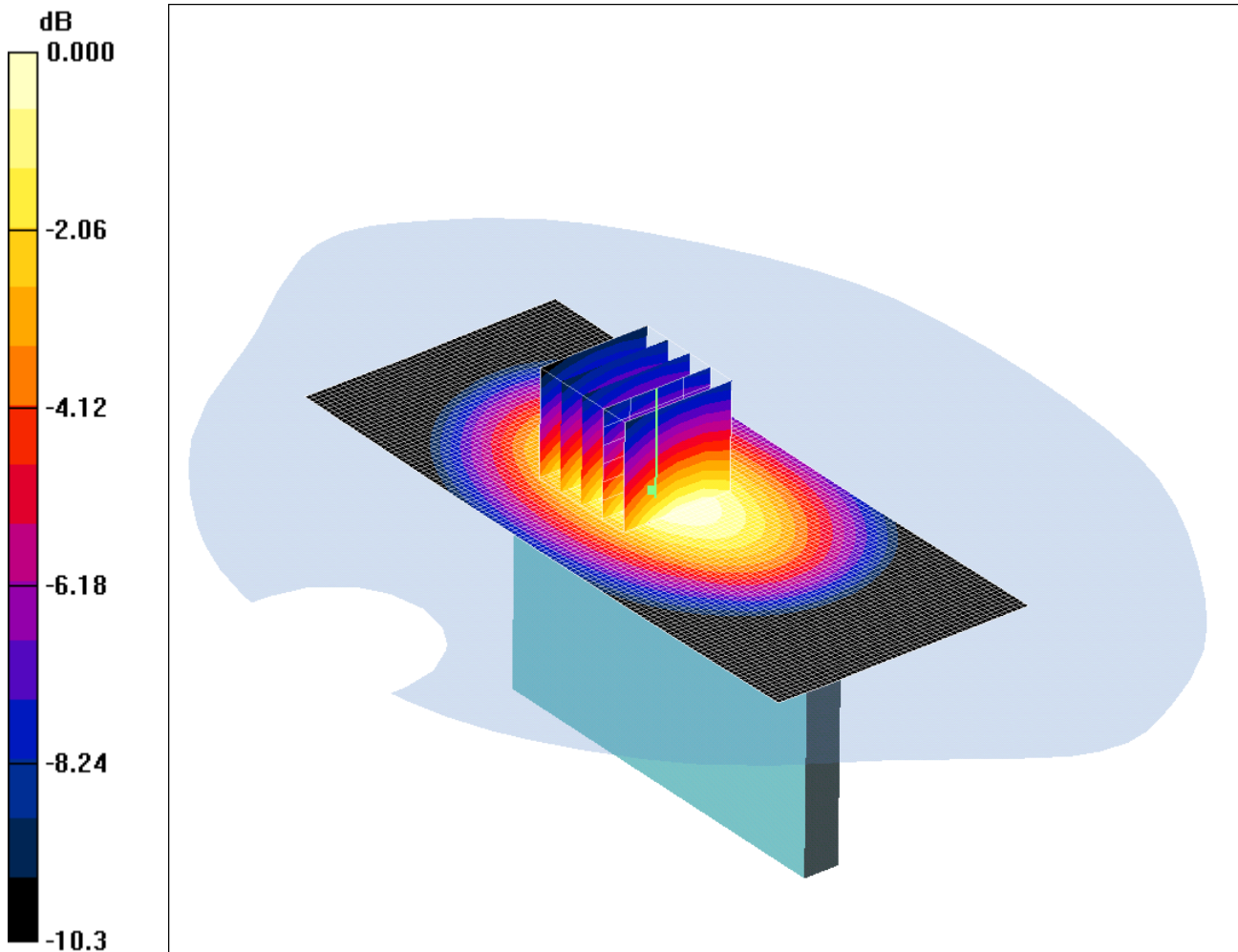
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.807 mW/g

SCN/87693JD02/011: Left Hand Side of EUT Facing Phantom GPRS CH190

Date: 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.627mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.638 mW/g

Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 2 2 2 2 (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.3 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.769 W/kg

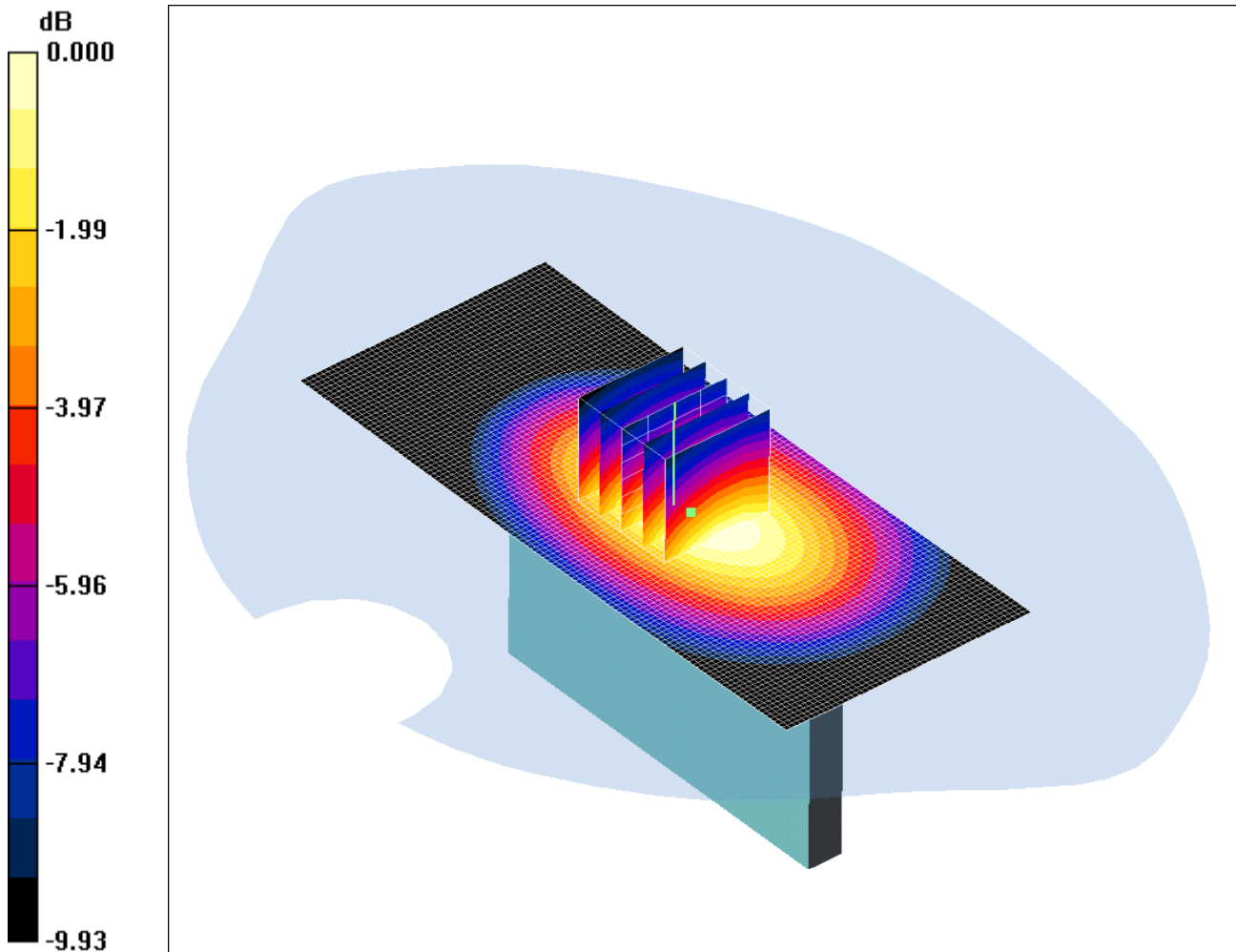
SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.627 mW/g

SCN/87693JD02/012: Right Hand Side of EUT Facing Phantom GPRS CH190

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.593mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.607 mW/g

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

Reference Value = 24.6 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.722 W/kg

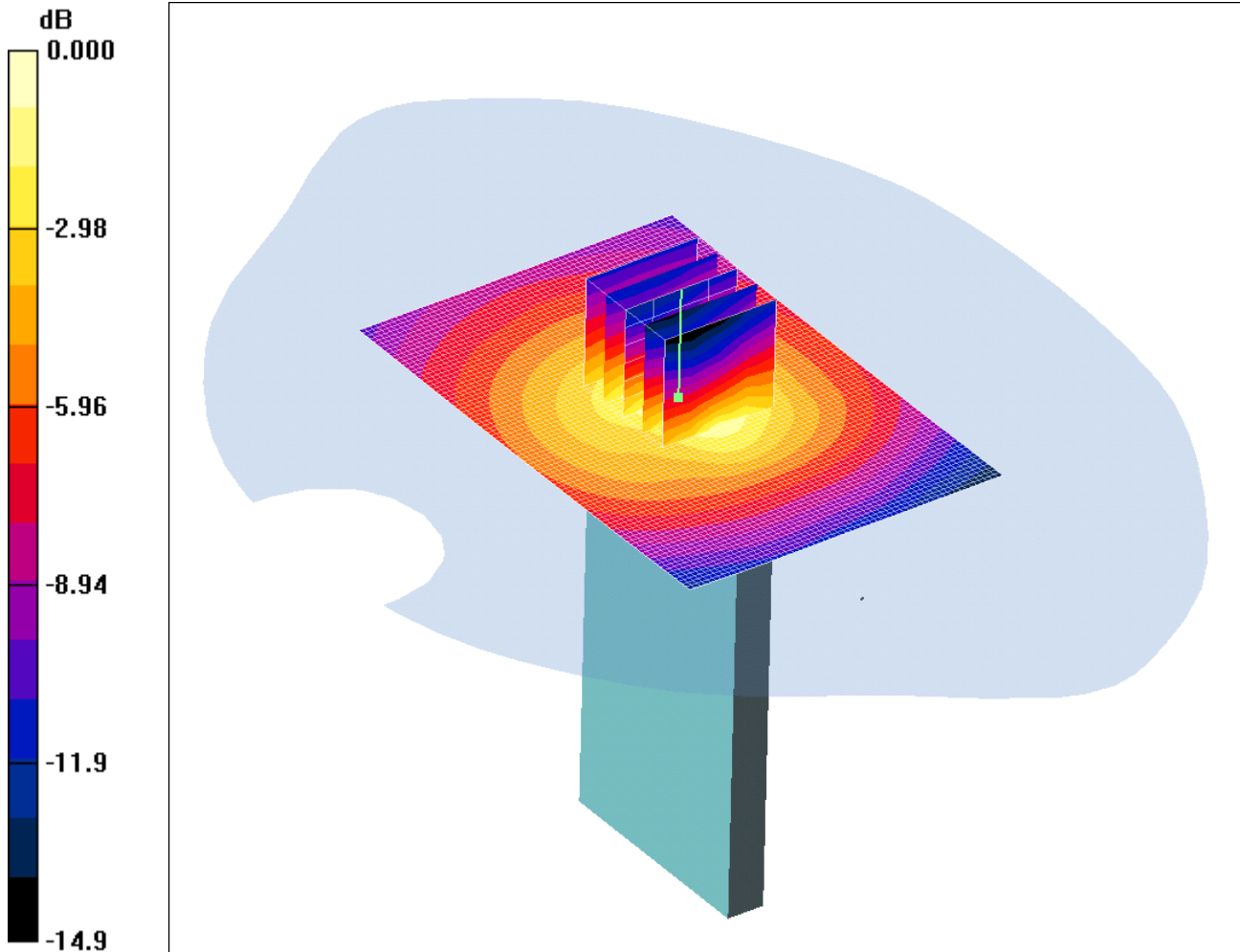
SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.593 mW/g

SCN/87693JD02/013: Bottom of EUT Facing Phantom GPRS CH190

Date: 29/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.144mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.138 mW/g

Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 11.5 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.204 W/kg

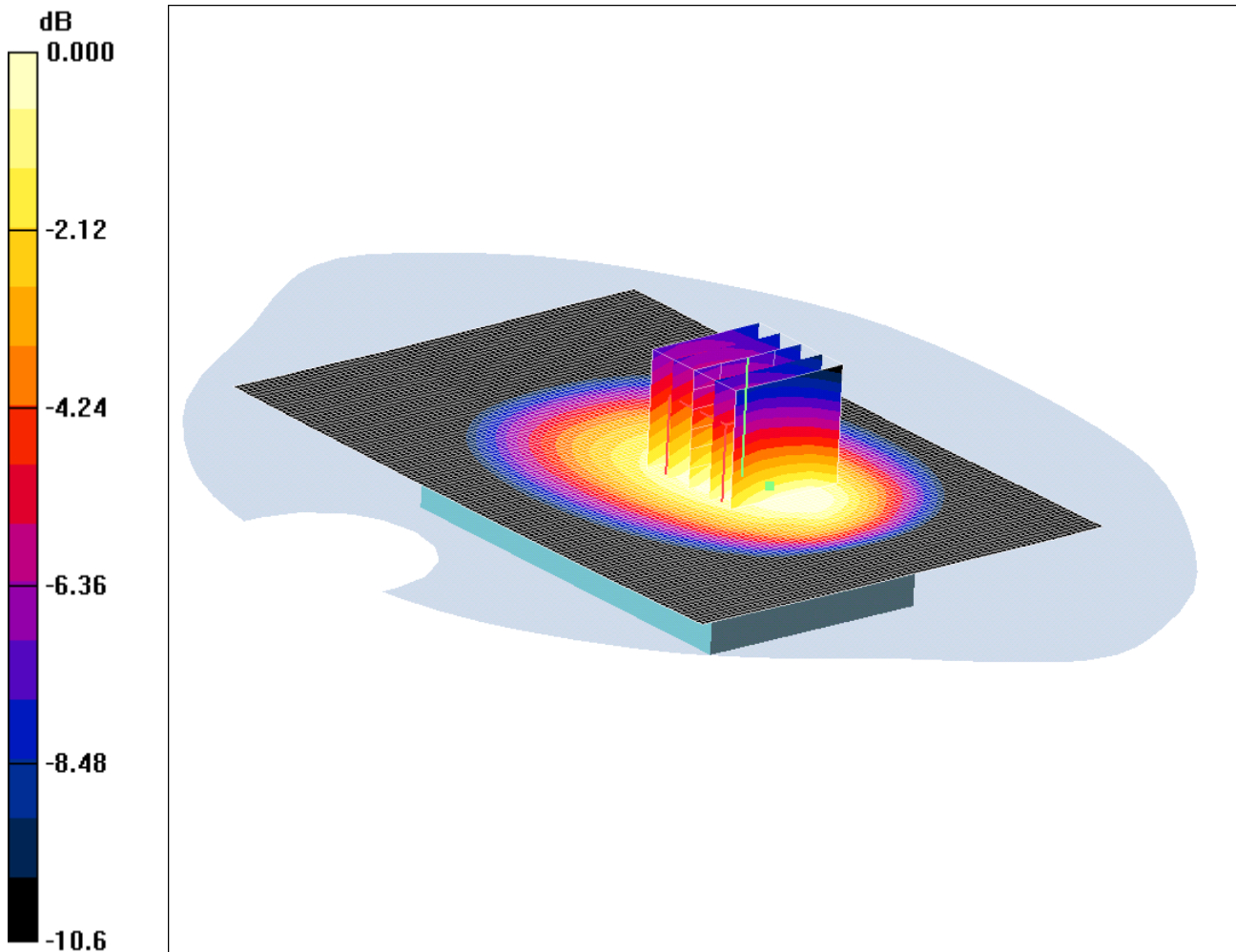
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.144 mW/g

SCN/87693JD02/014: Back of EUT Facing Phantom GPRS CH128

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.720mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 824.2 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.750 mW/g

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

Reference Value = 25.0 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.863 W/kg

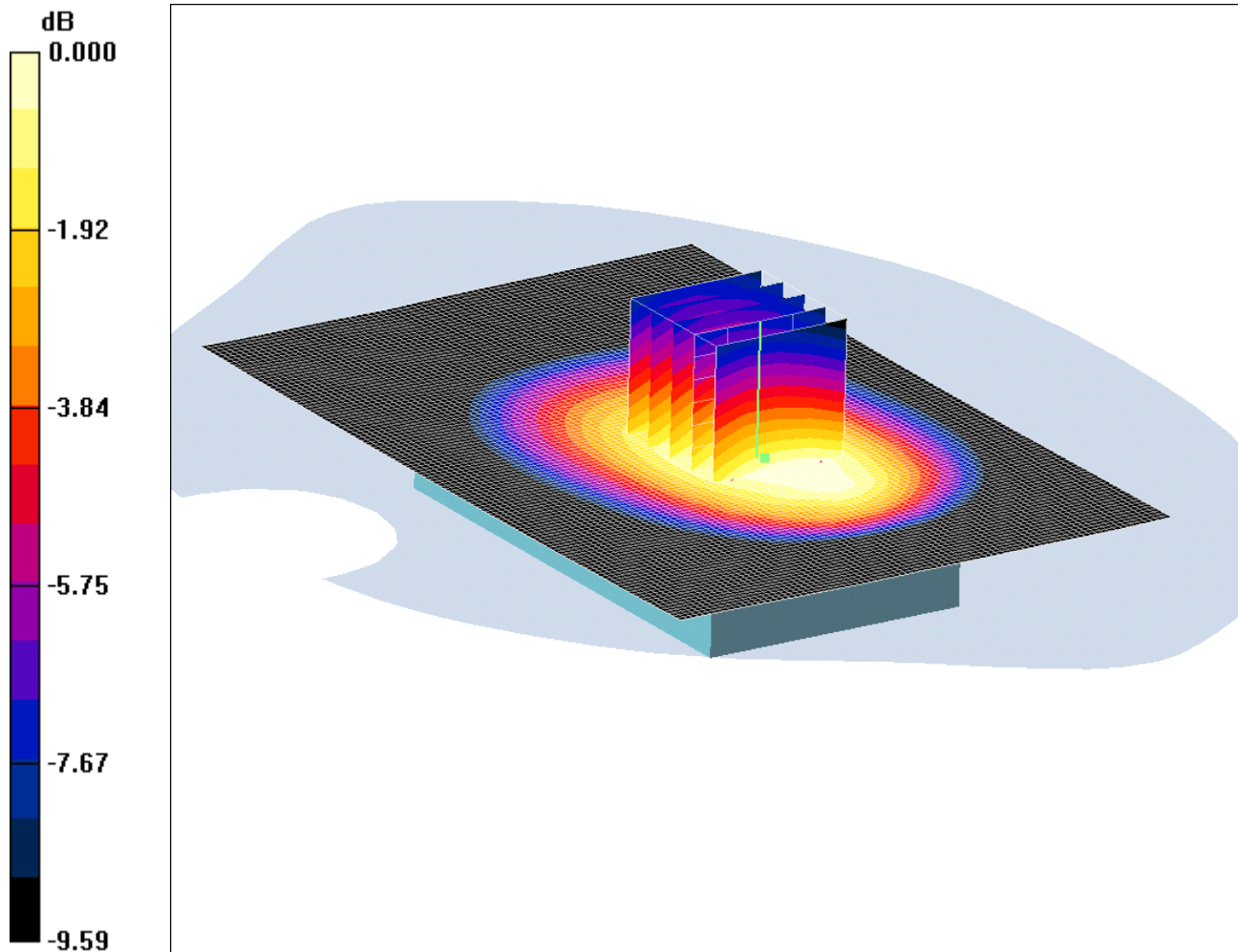
SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.460 mW/g

Maximum value of SAR (measured) = 0.720 mW/g

SCN/87693JD02/015: Back of EUT Facing Phantom GPRS CH251

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.858mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.863 mW/g

Back of EUT Facing Phantom - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 27.4 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.00 W/kg

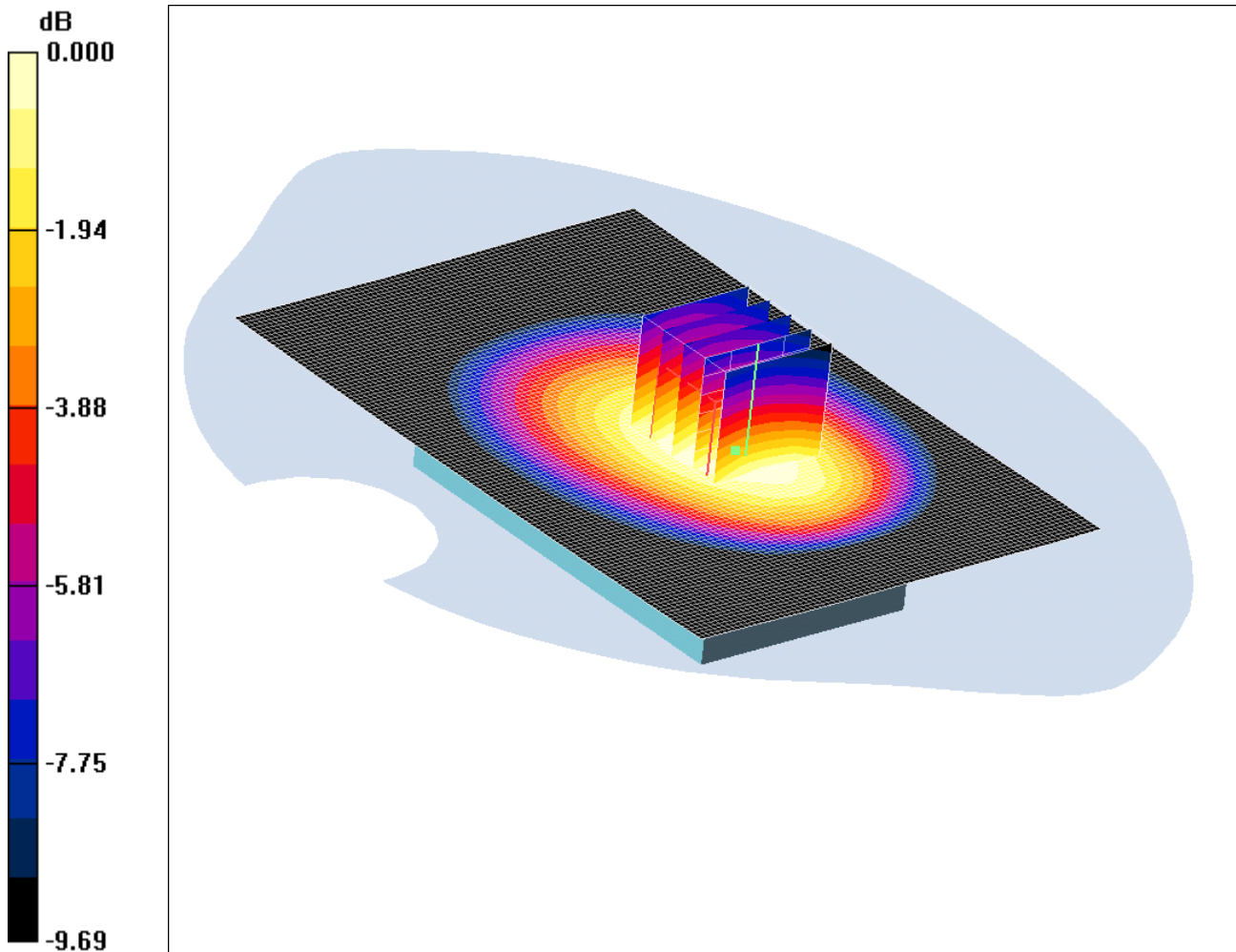
SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 0.858 mW/g

SCN/87693JD02/016: Back of EUT Facing Phantom at 15mm GPRS CH190

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.23mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 1.24 mW/g

Back of EUT Facing Phantom at 15mm - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 33.9 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 1.43 W/kg

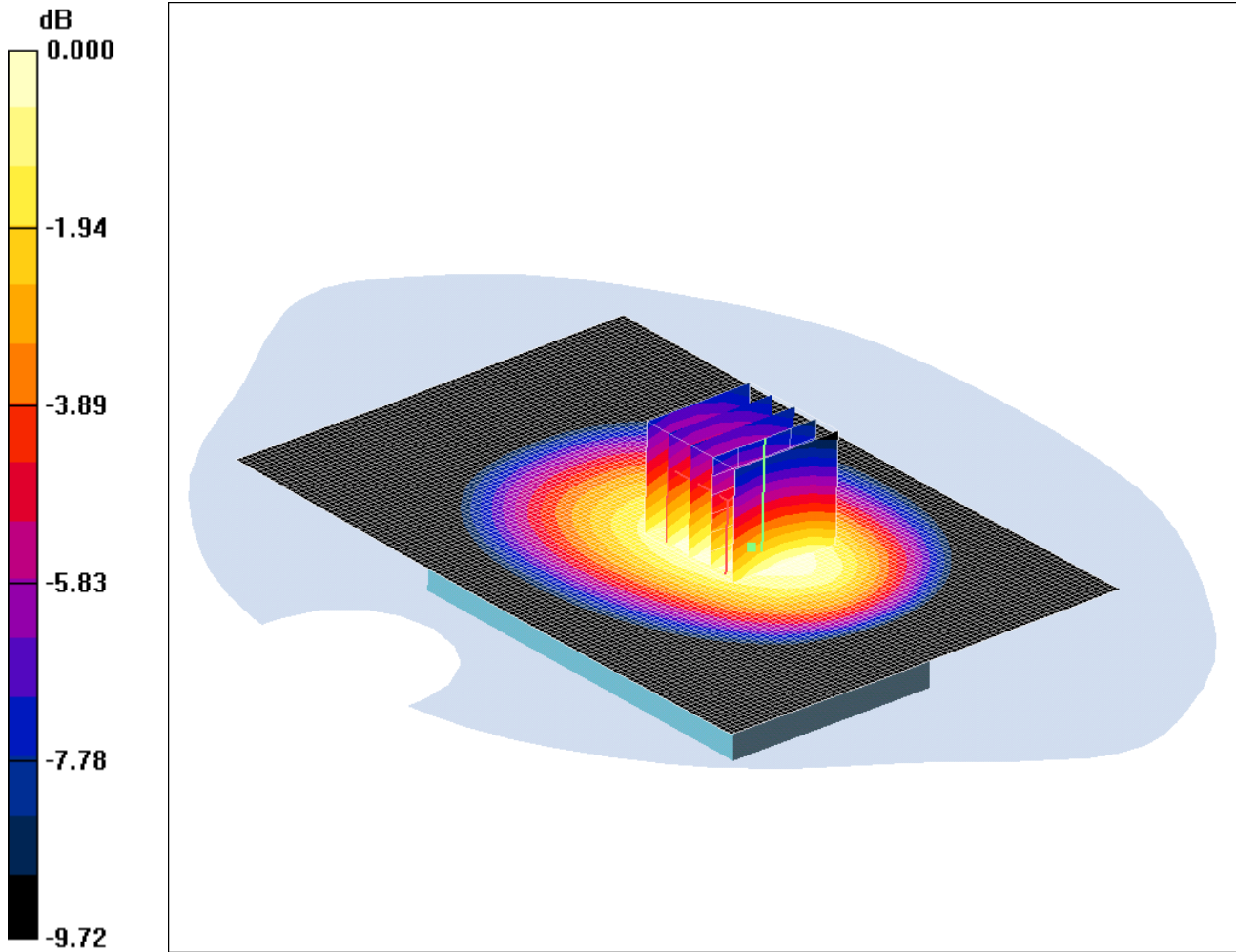
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.797 mW/g

Maximum value of SAR (measured) = 1.23 mW/g

SCN/87693JD02/017: Back of EUT Facing Phantom at 15mm GPRS CH128

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.09mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 824.2 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Back of EUT Facing Phantom at 15mm - Low/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 mW/g

Back of EUT Facing Phantom at 15mm - Low/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.5 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.27 W/kg

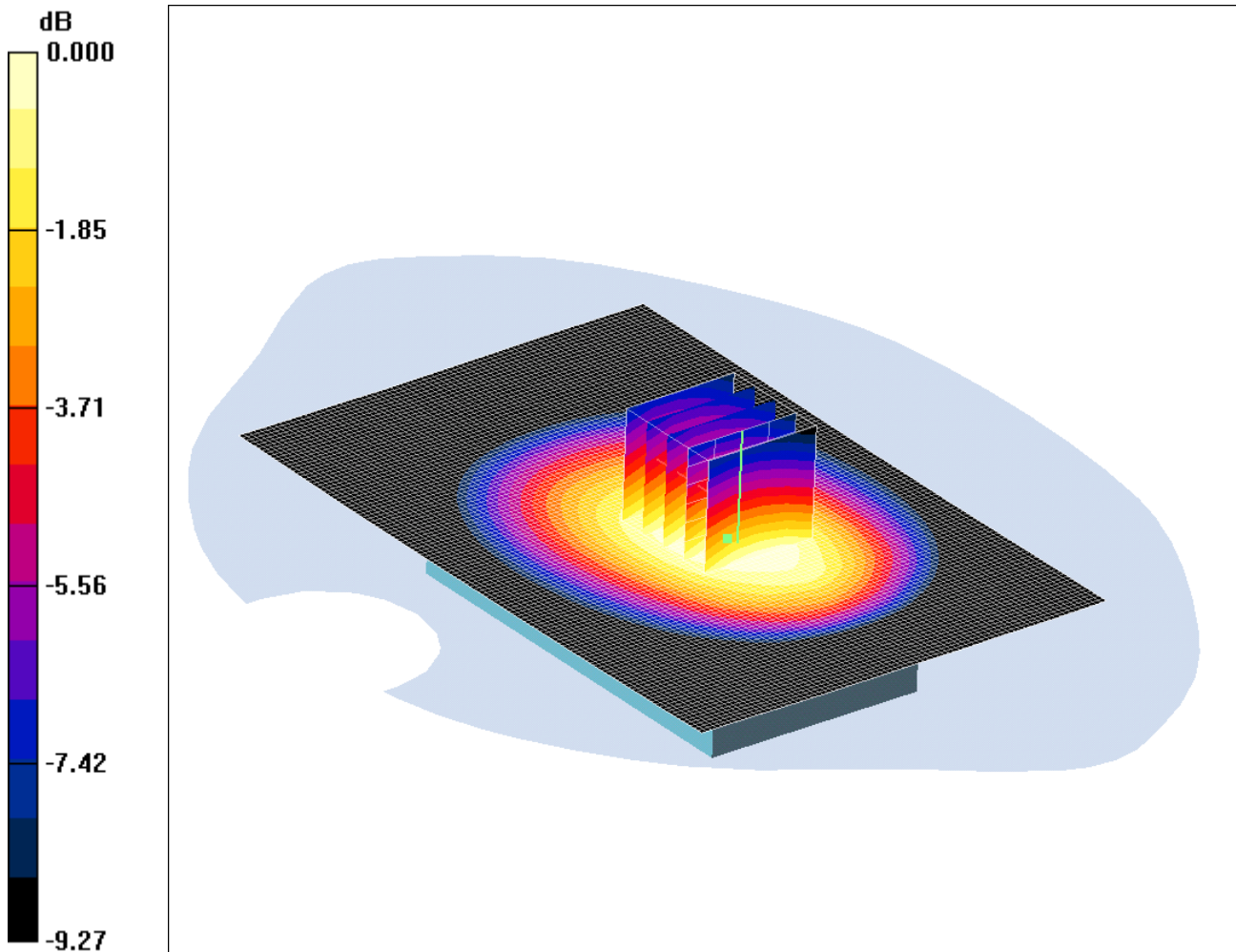
SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.698 mW/g

Maximum value of SAR (measured) = 1.09 mW/g

SCN/87693JD02/018: Back of EUT Facing Phantom at 15mm GPRS CH251

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.29mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Back of EUT Facing Phantom at 15mm - High/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.32 mW/g

Back of EUT Facing Phantom at 15mm - High/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.0 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 1.49 W/kg

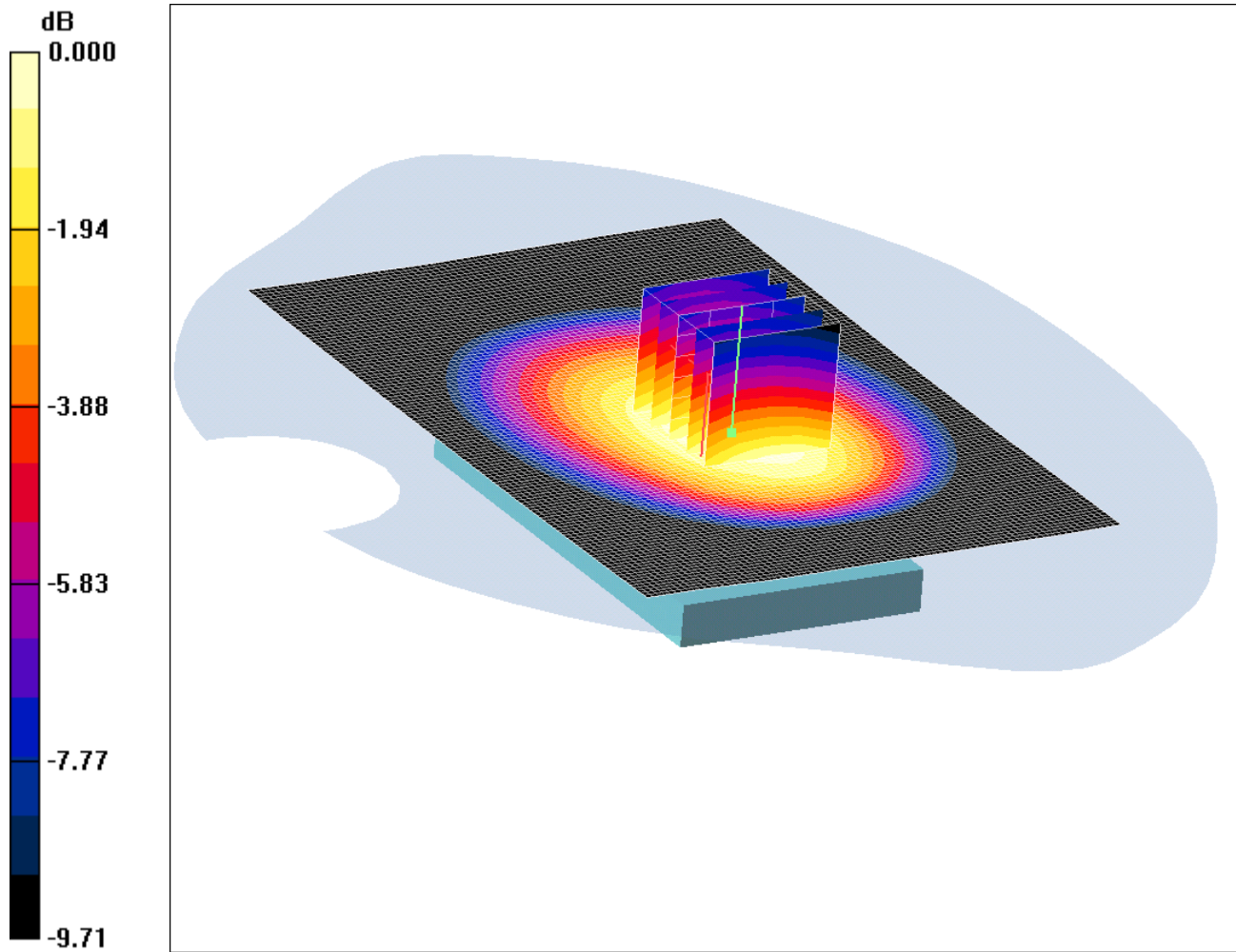
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.848 mW/g

Maximum value of SAR (measured) = 1.29 mW/g

SCN/87693JD02/019: Back of EUT Facing Phantom GSM CH190

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.03mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 1.03 mW/g

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

dy=8mm, dz=5mm

Reference Value = 31.3 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.20 W/kg

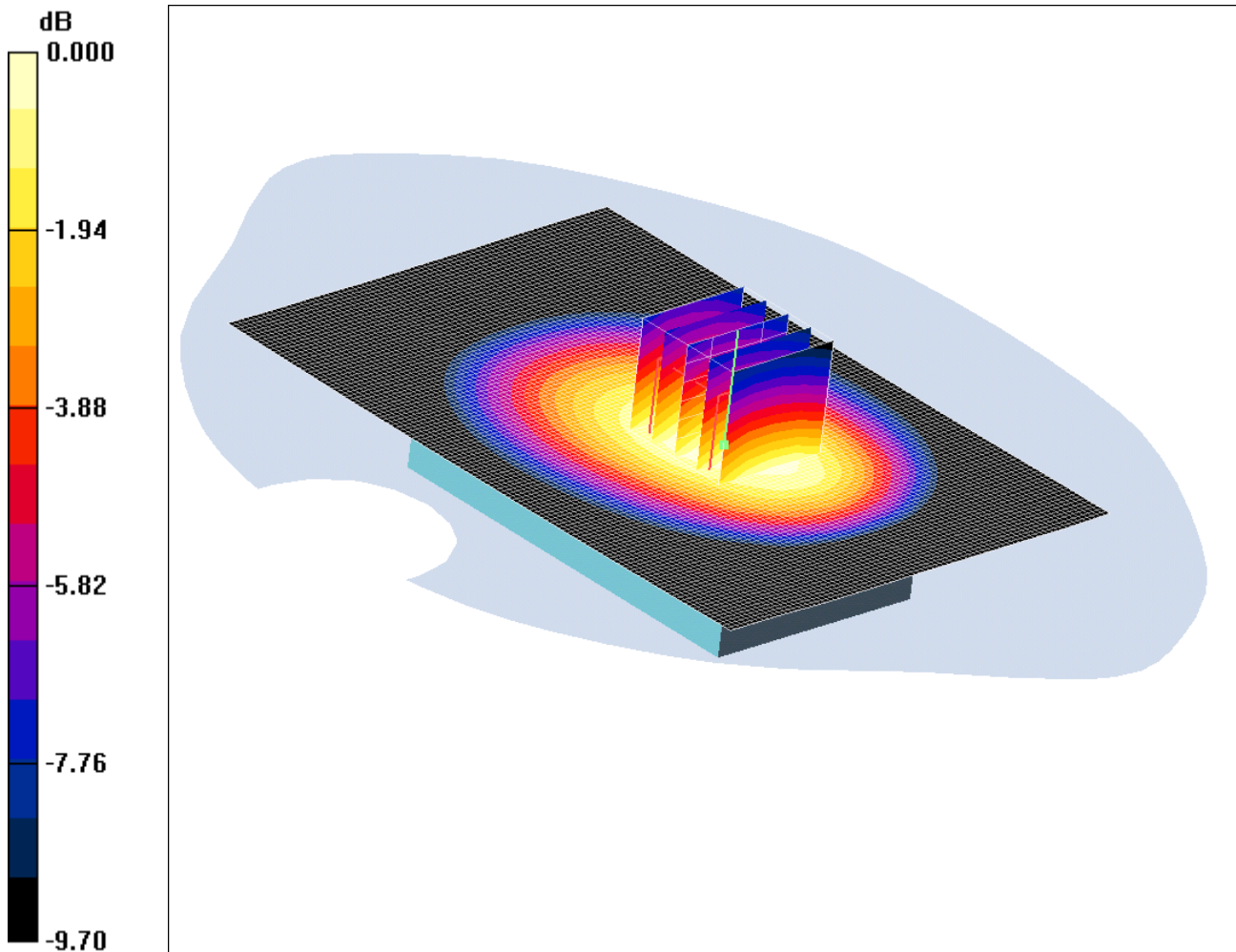
SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

SCN/87693JD02/020: Back of EUT Facing Phantom GSM CH128

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.895mW/g

Communication System: GSM 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.900 mW/g

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

Reference Value = 28.8 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.05 W/kg

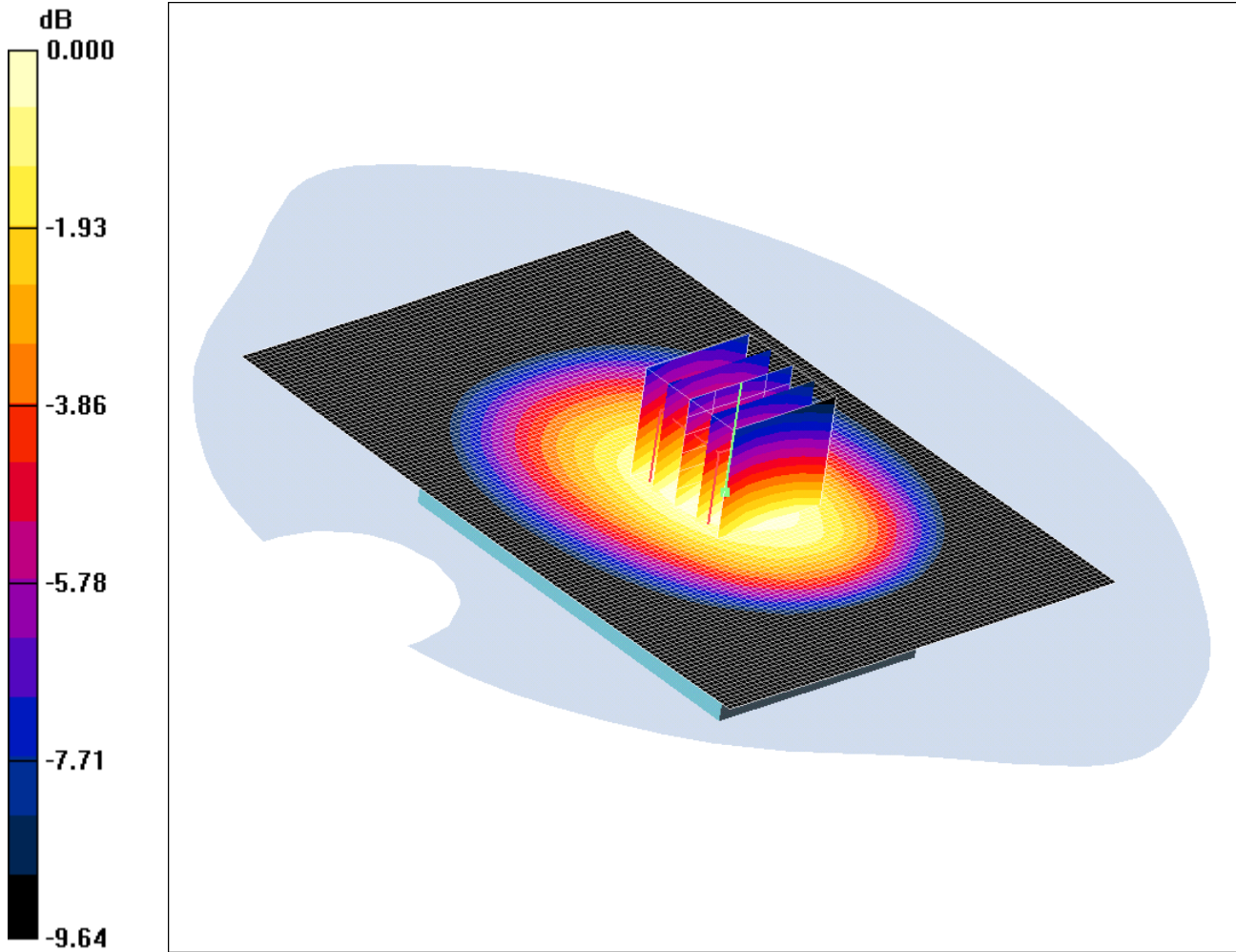
SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.577 mW/g

Maximum value of SAR (measured) = 0.895 mW/g

SCN/87693JD02/021: Back of EUT Facing Phantom GSM CH251

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.09mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 1.10 mW/g

Back of EUT Facing Phantom- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 32.4 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.27 W/kg

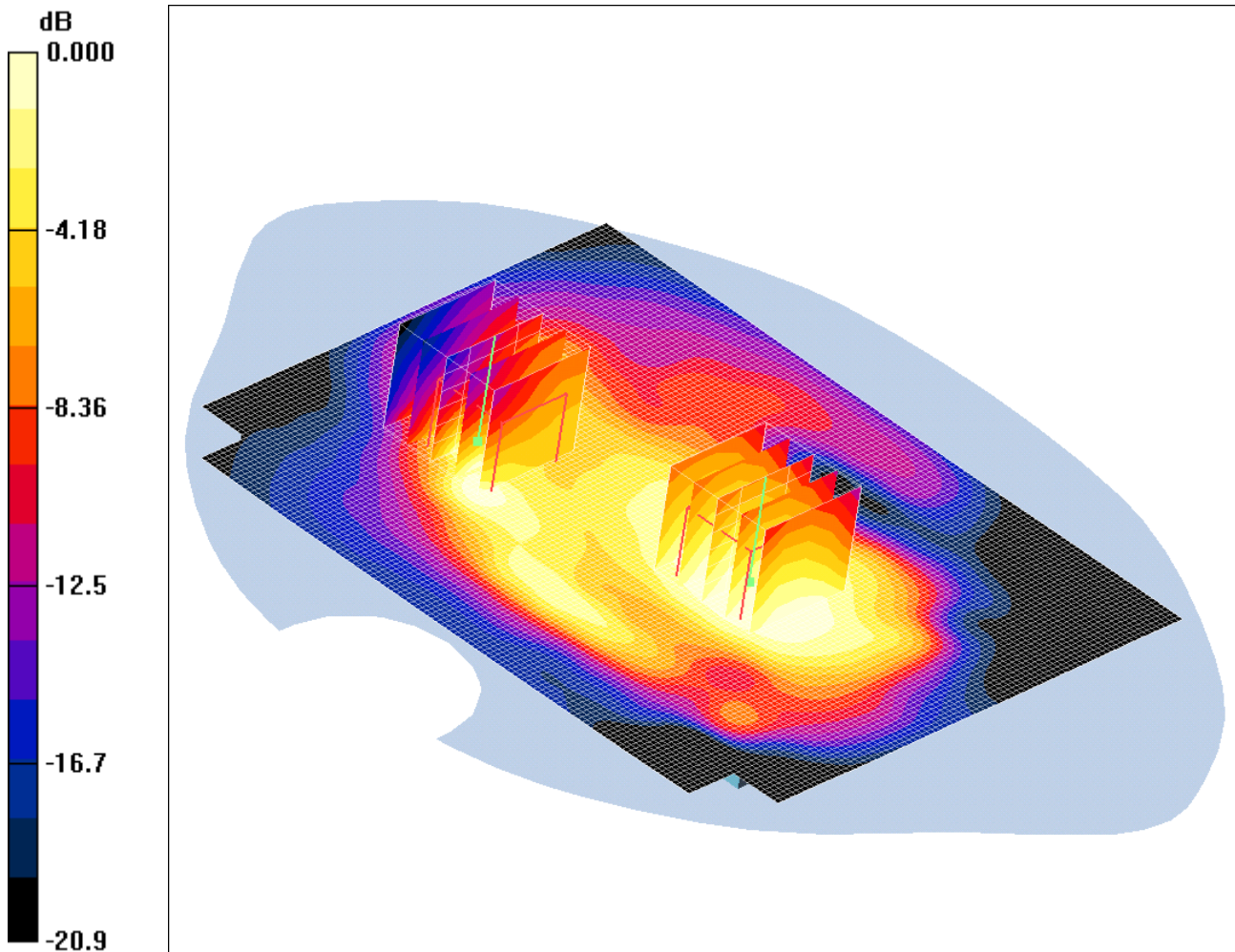
SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.711 mW/g

Maximum value of SAR (measured) = 1.09 mW/g

SCN/87693JD02/022: Back of EUT Facing Phantom with PHF GSM CH190

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.790mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Back of EUT Facing Phantom with PHF- Middle/Area Scan 2 (101x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.905 mW/g

Back of EUT Facing Phantom with PHF- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 26.2 V/m; Power Drift = -0.006 Db; Peak SAR (extrapolated) = 0.997 W/kg

SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.540 mW/g

Maximum value of SAR (measured) = 0.864 mW/g

Back of EUT Facing Phantom with PHF- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid:

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

Reference Value = 26.2 V/m; Power Drift = -0.006 dB; Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.275 mW/g

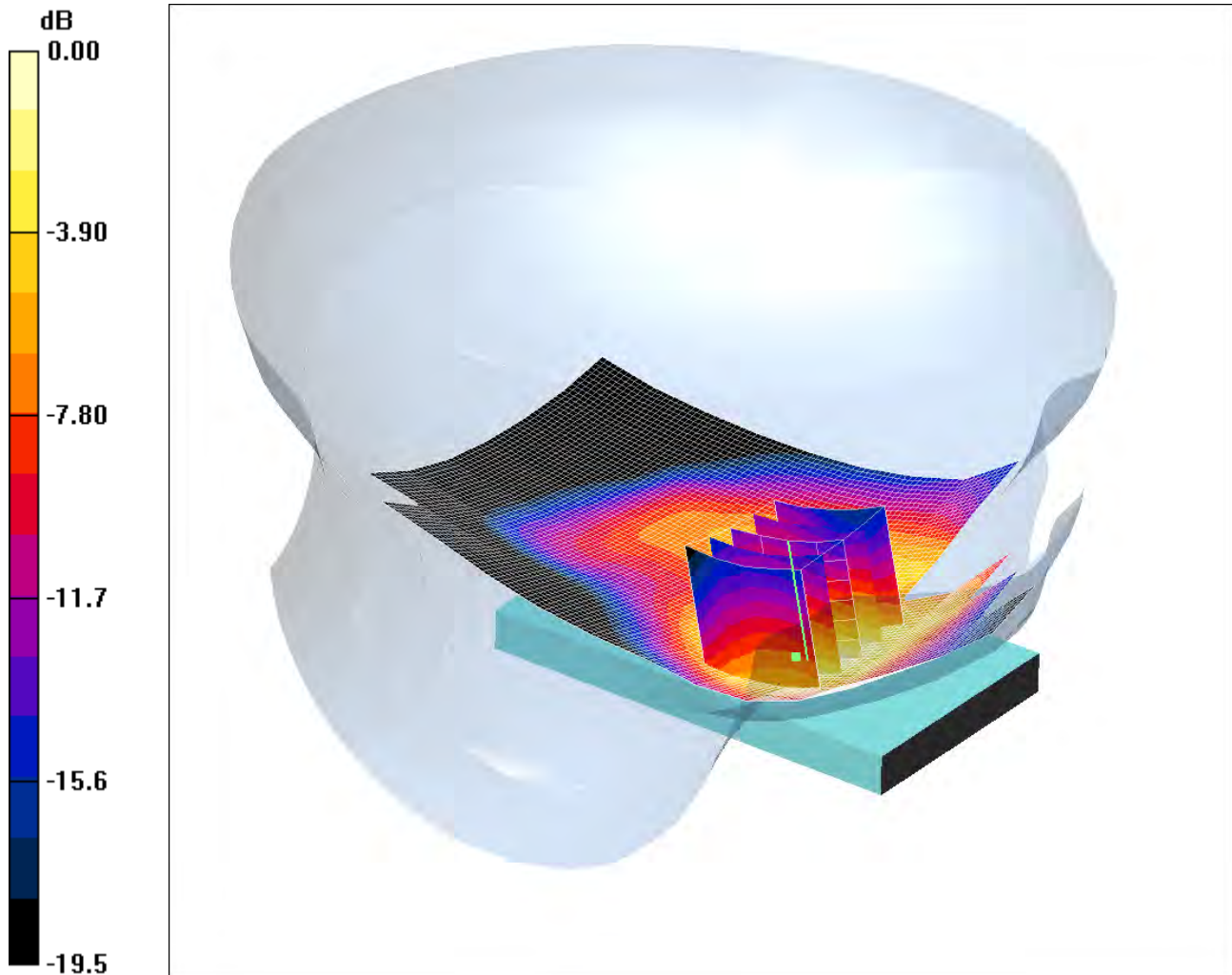
Maximum value of SAR (measured) = 0.790 mW/g

Note: DASY system is configured to measure any secondary maxima that are within 2dB of the measured SAR level.

SCN/87693JD02/023: Touch Left PCS CH661

Date: 28/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.789mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.833 mW/g

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

Reference Value = 8.43 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 1.23 W/kg

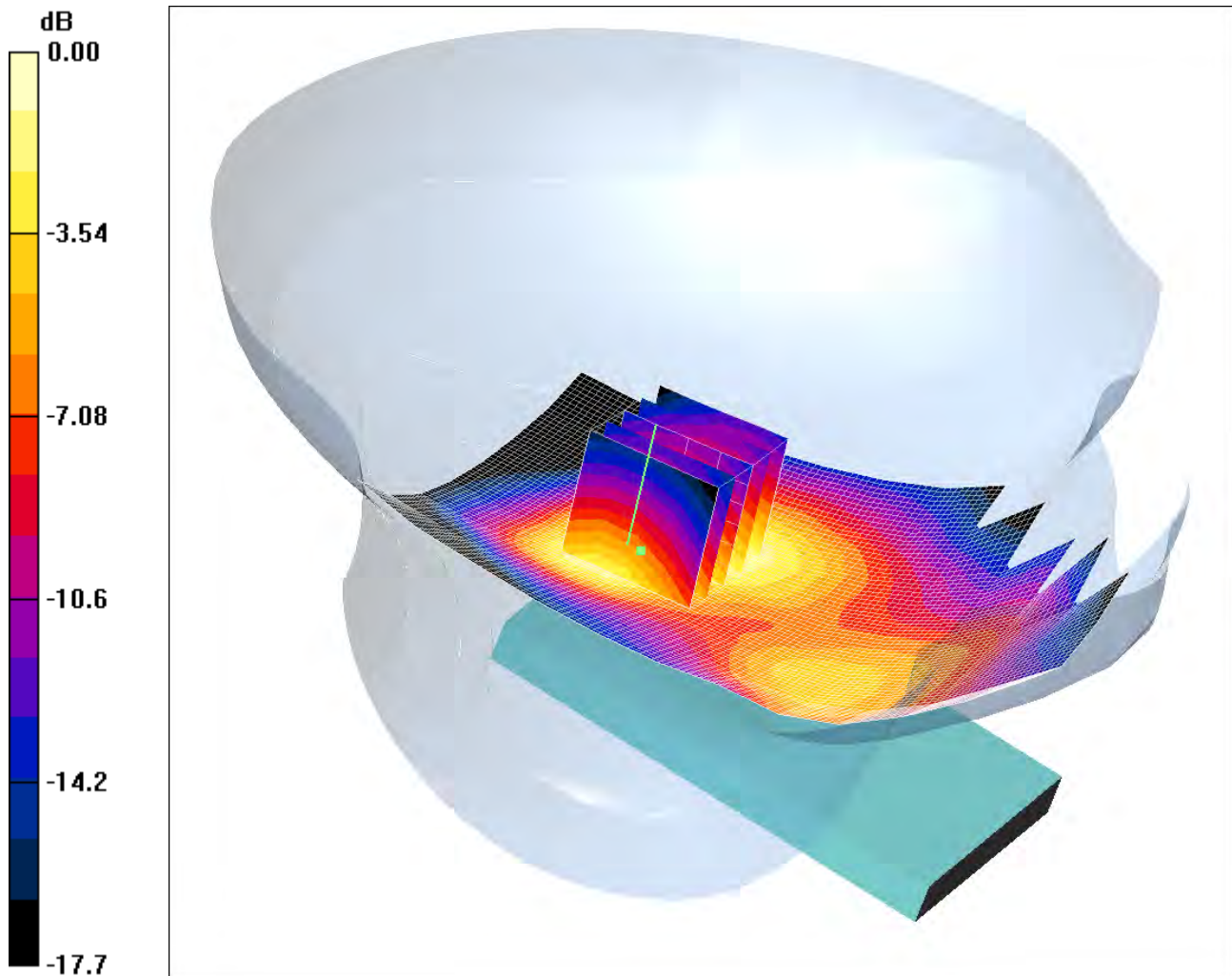
SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.789 mW/g

SCN/87693JD02/024: Tilt Left PCS CH661

Date: 28/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.365mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.393 mW/g

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

Reference Value = 15.2 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.540 W/kg

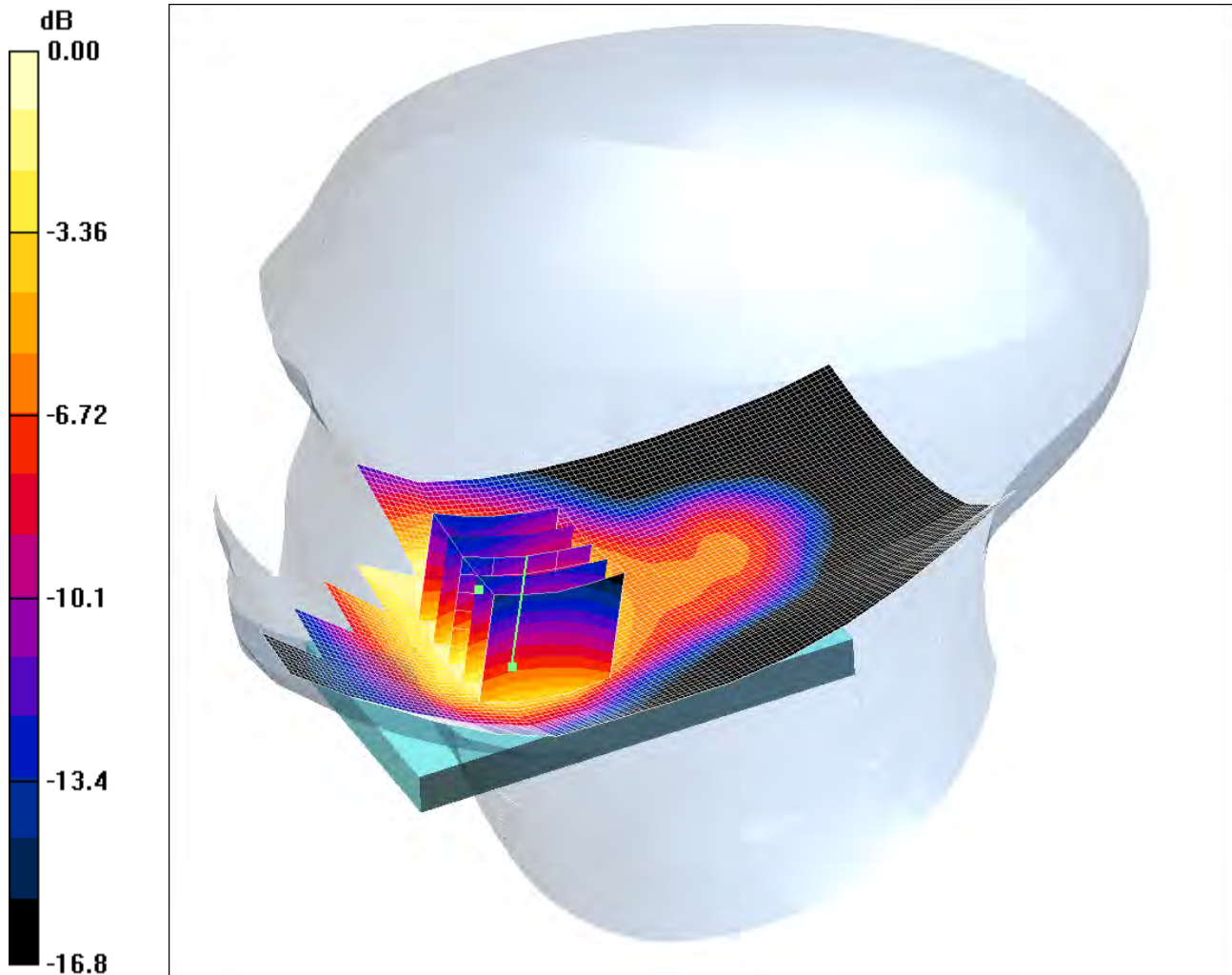
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.365 mW/g

SCN/87693JD02/025: Touch Right PCS CH661

Date: 28/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.614mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.614 mW/g

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

Reference Value = 9.02 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.858 W/kg

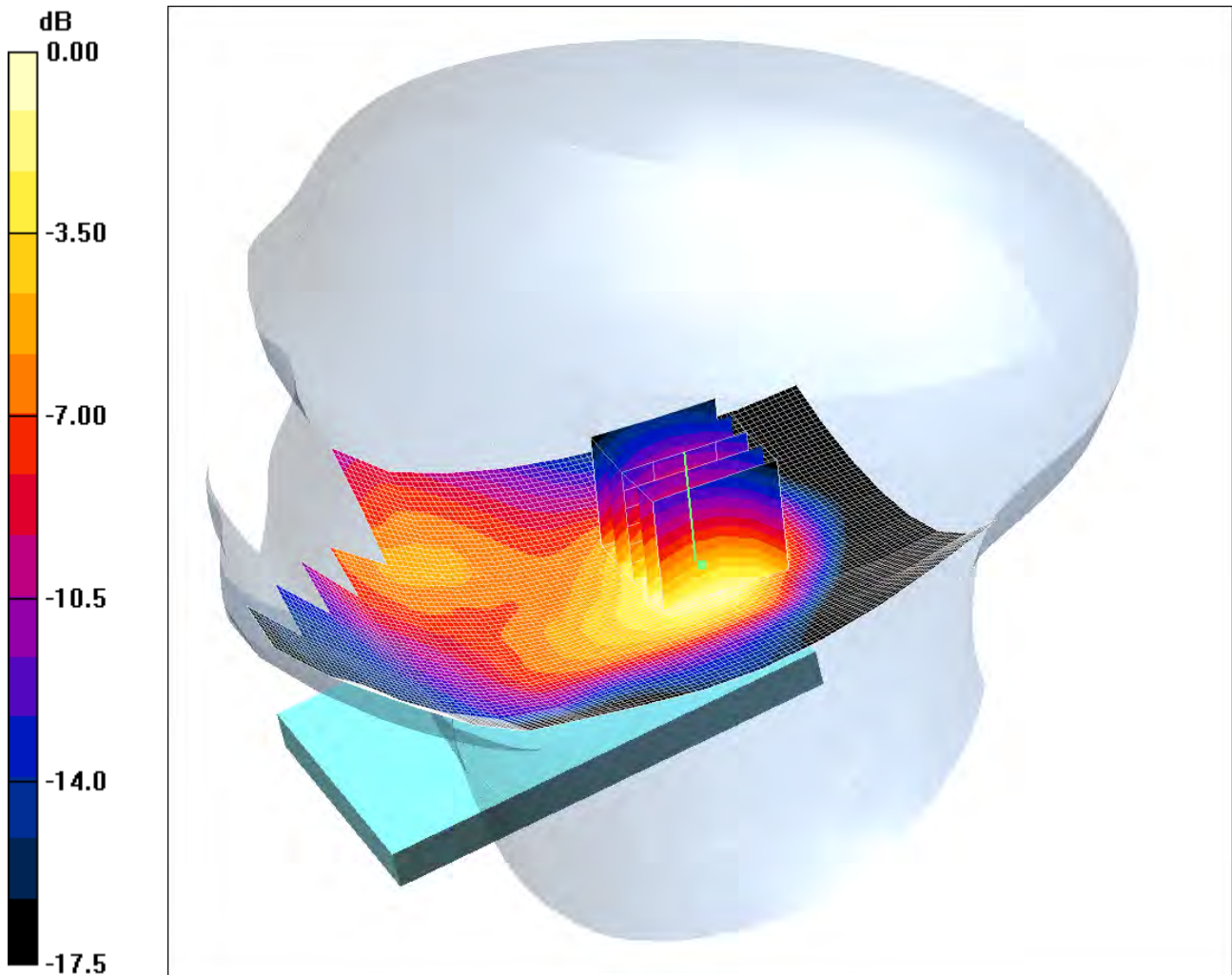
SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.614 mW/g

SCN/87693JD02/026: Tilt Right PCS CH661

Date: 28/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.322mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.360 mW/g

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

Reference Value = 14.9 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.495 W/kg

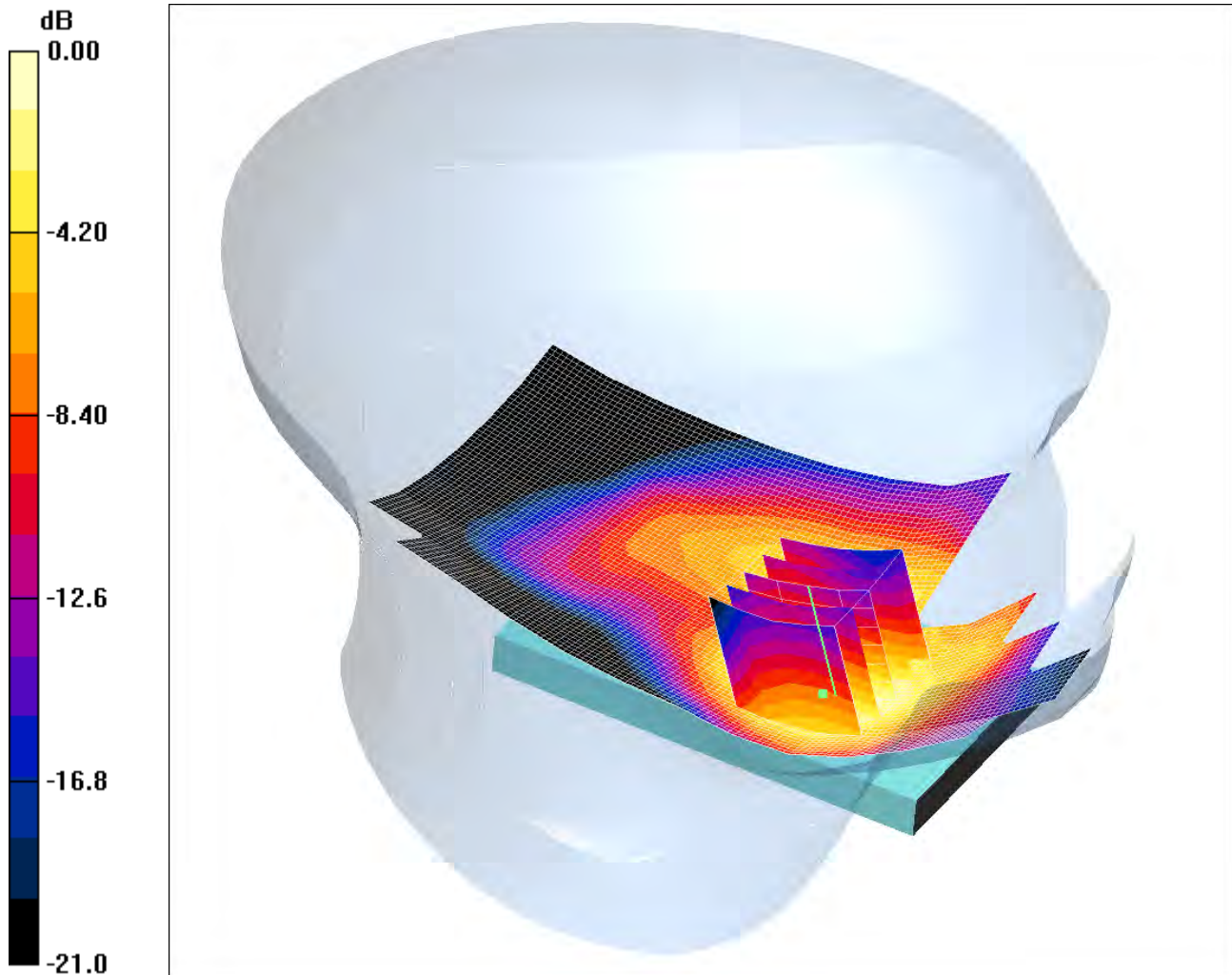
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.322 mW/g

SCN/87693JD02/027: Touch Left PCS CH512

Date: 28/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.711mW/g

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Low 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.40 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.08 W/kg

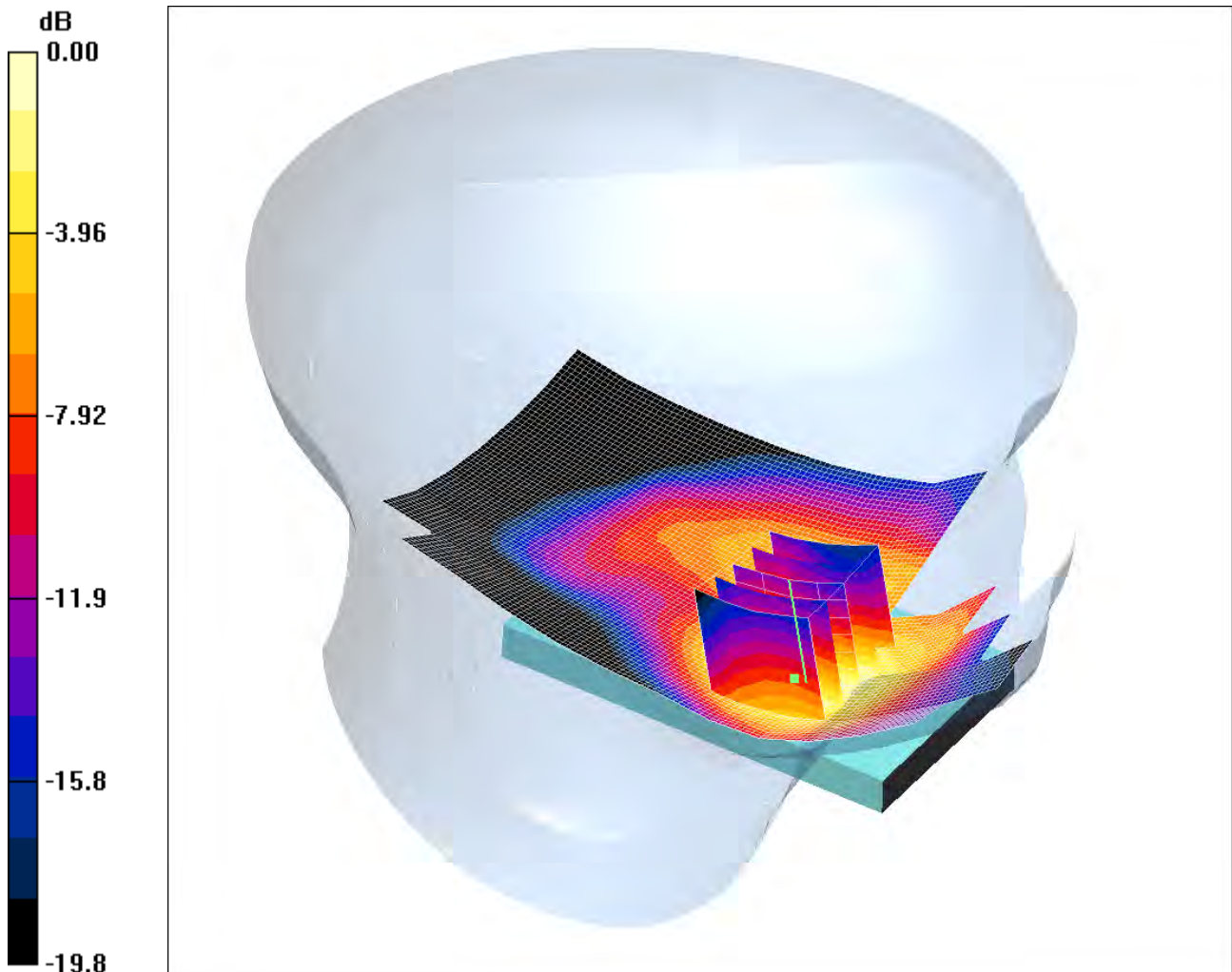
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.711 mW/g

SCN/87693JD02/028: Touch Left PCS CH810

Date: 28/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.921mW/g

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.924 mW/g

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

Reference Value = 8.35 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.40 W/kg

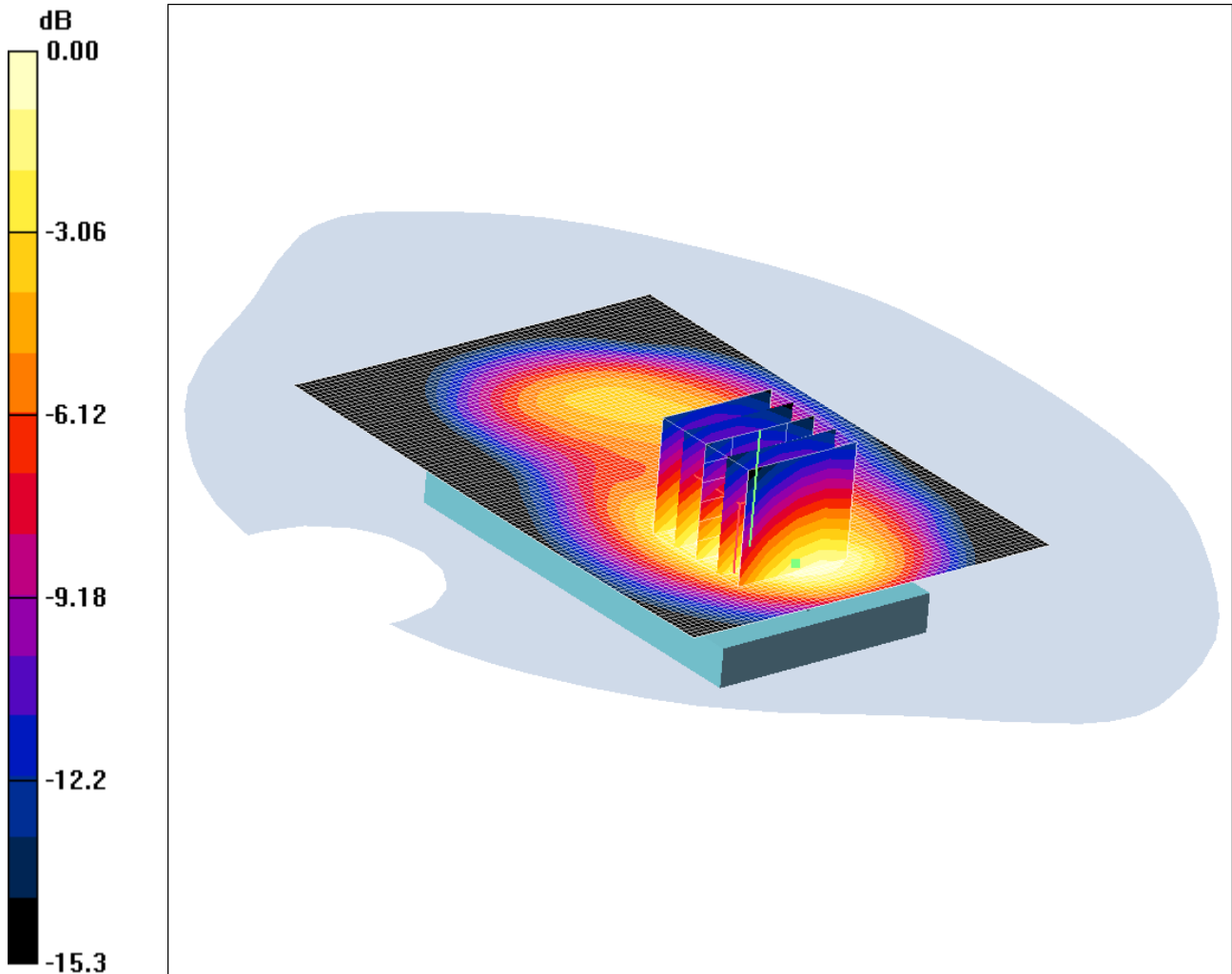
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.473 mW/g

Maximum value of SAR (measured) = 0.921 mW/g

SCN/87693JD02/029: Front of EUT Facing Phantom GPRS CH661

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.299mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.305 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:

$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.47 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.448 W/kg

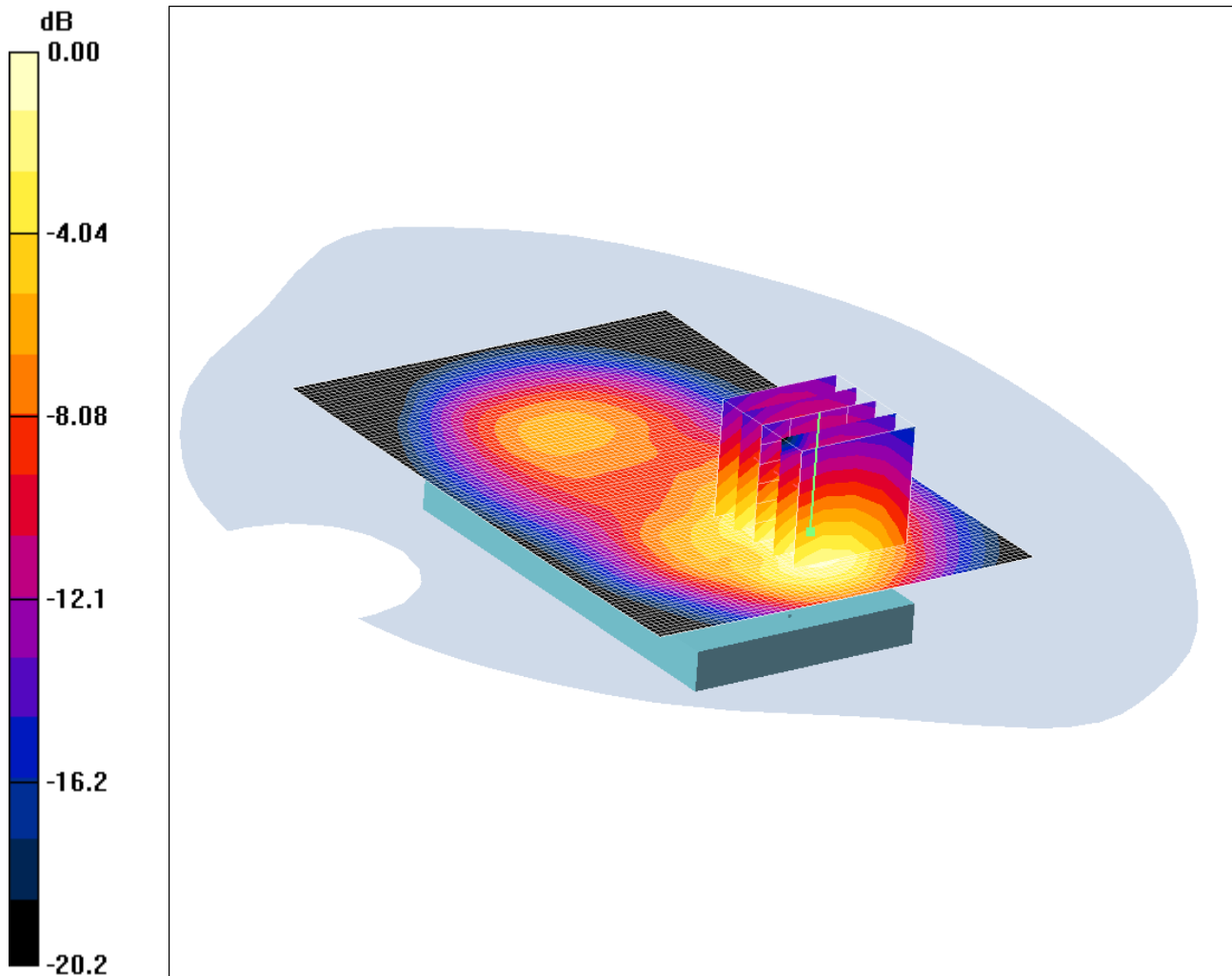
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.299 mW/g

SCN/87693JD02/030: Back of EUT Facing Phantom GPRS CH661

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.536mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.518 mW/g

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

Reference Value = 7.64 V/m; Power Drift = 0.066 dB

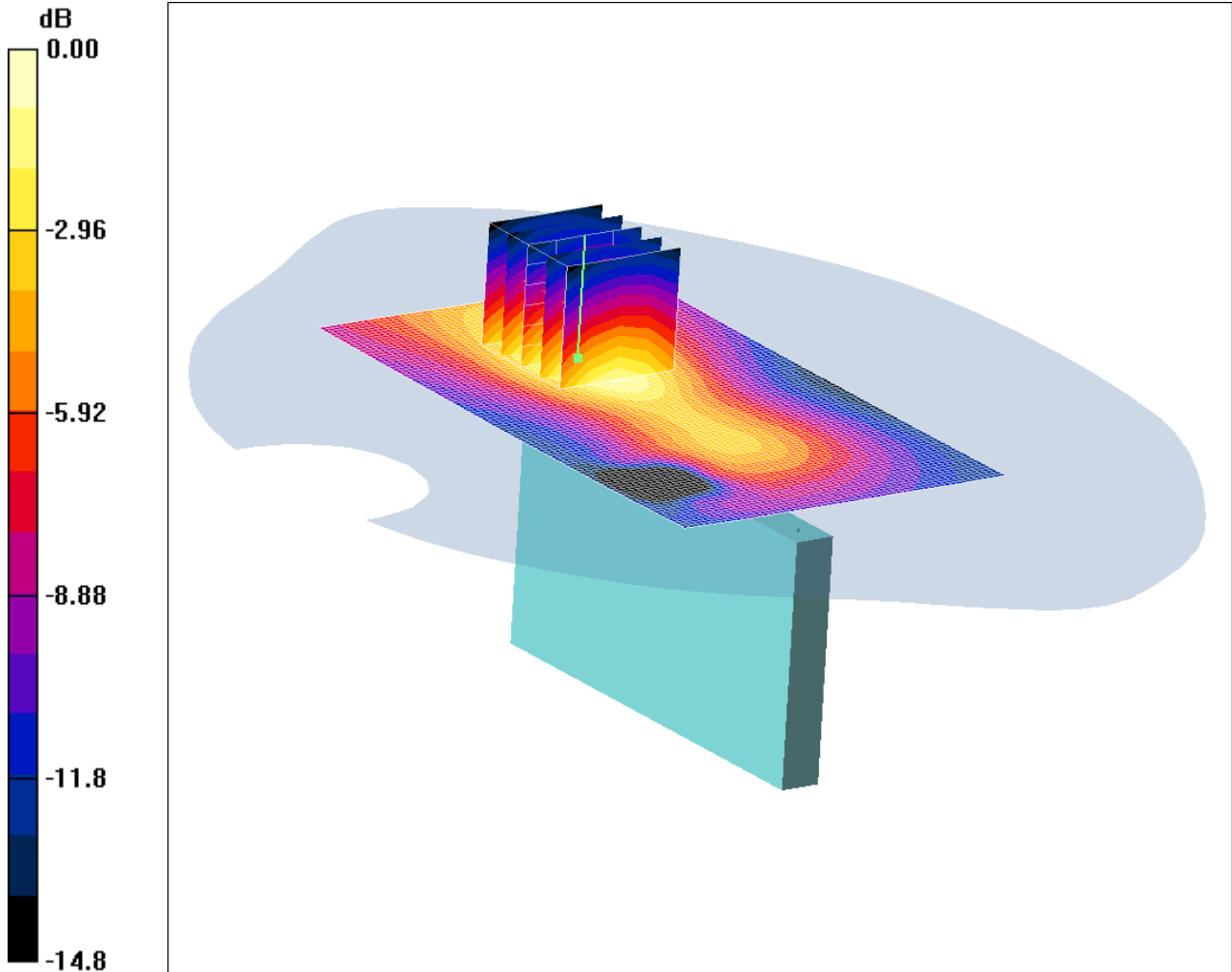
Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.536 mW/g

SCN/87693JD02/031: Left Hand Side of EUT Facing Phantom GPRS CH661
 Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.095mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67
 Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.097 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 = 5.54 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.133 W/kg

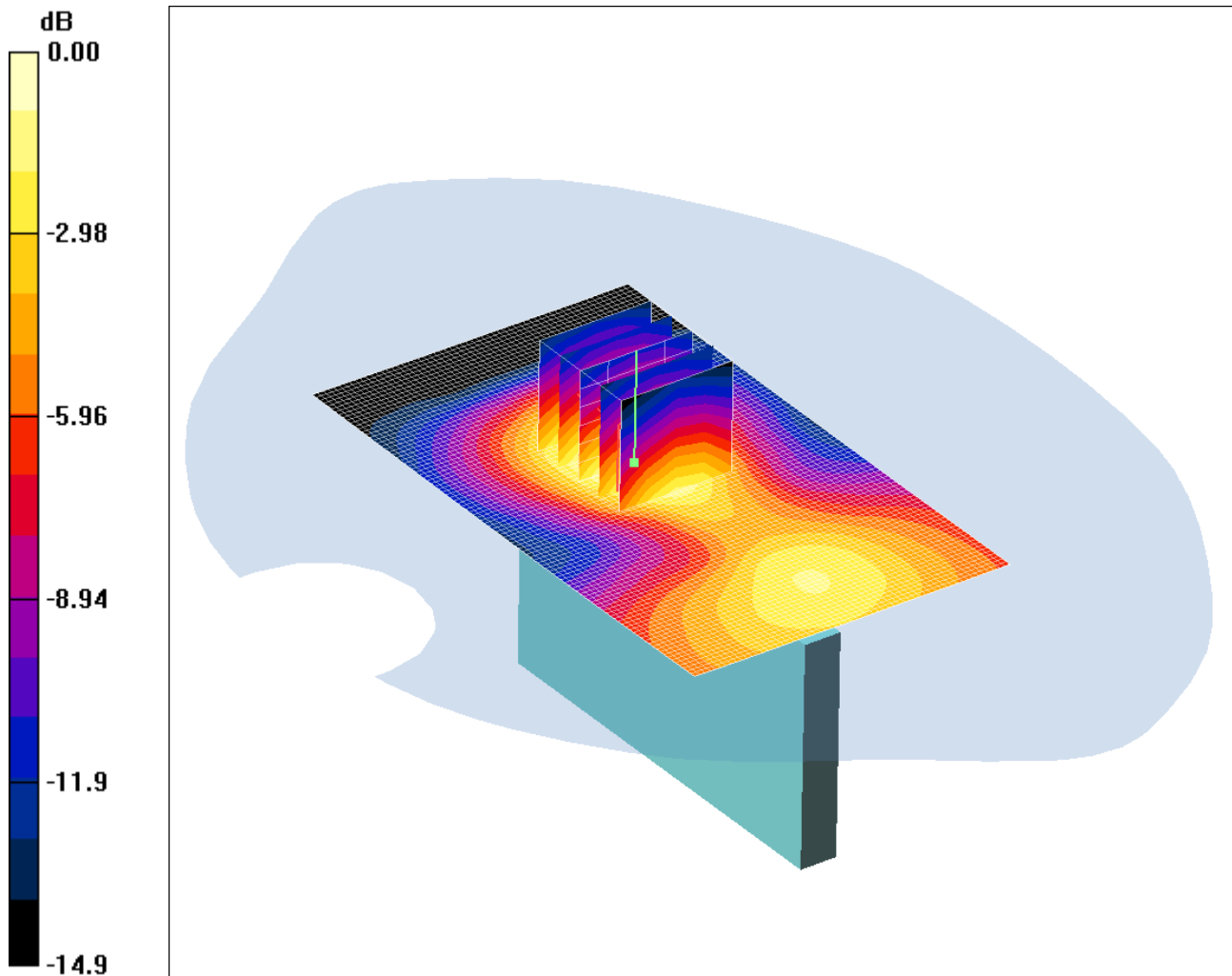
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.095 mW/g

SCN/87693JD02/032: Right Hand Side of EUT Facing Phantom GPRS CH661

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.062mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.065 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 = 6.22 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.085 W/kg

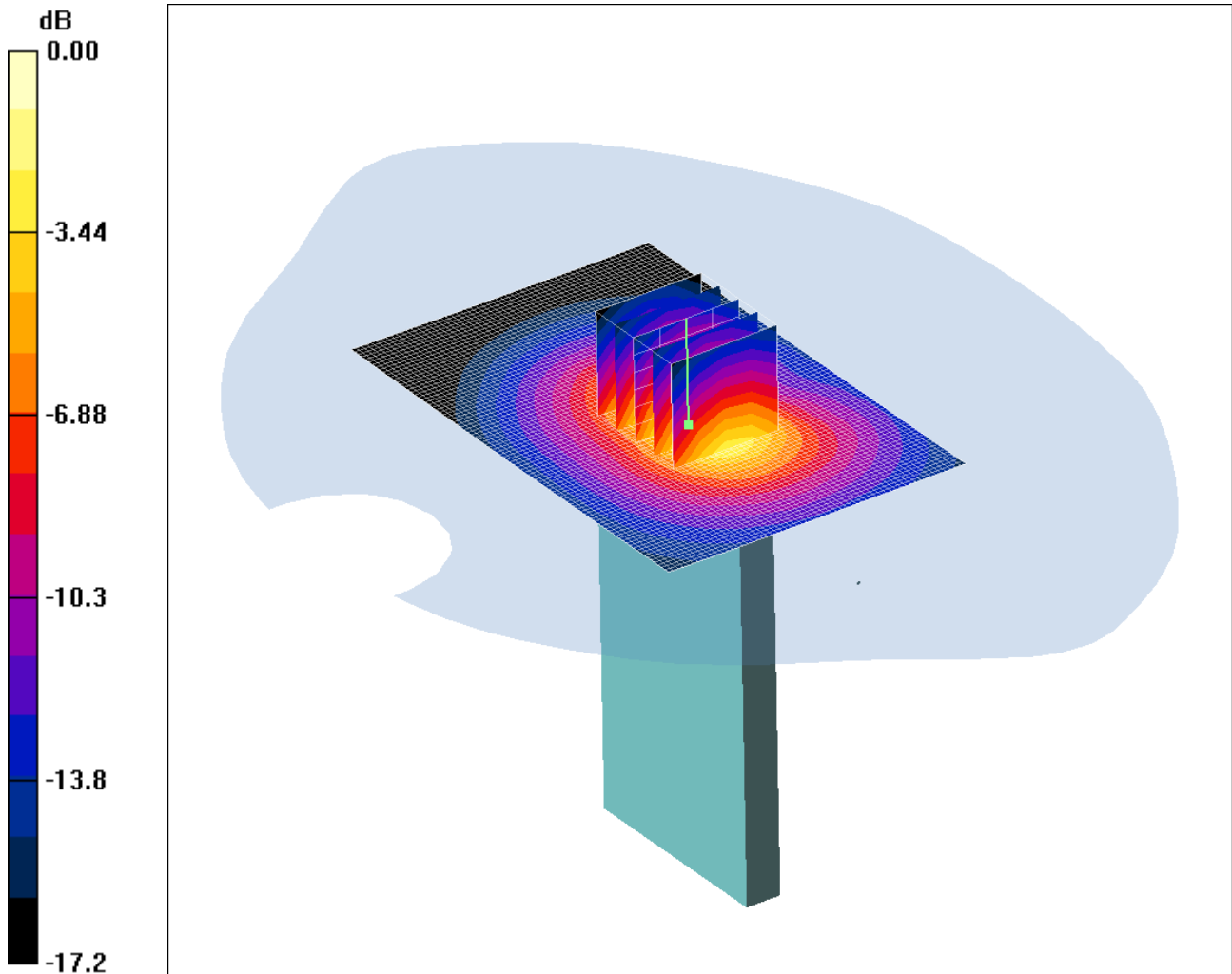
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.035 mW/g

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

SCN/87693JD02/033: Bottom of EUT Facing Phantom GPRS CH661

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.396mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.379 mW/g

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

Reference Value = 15.5 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.572 W/kg

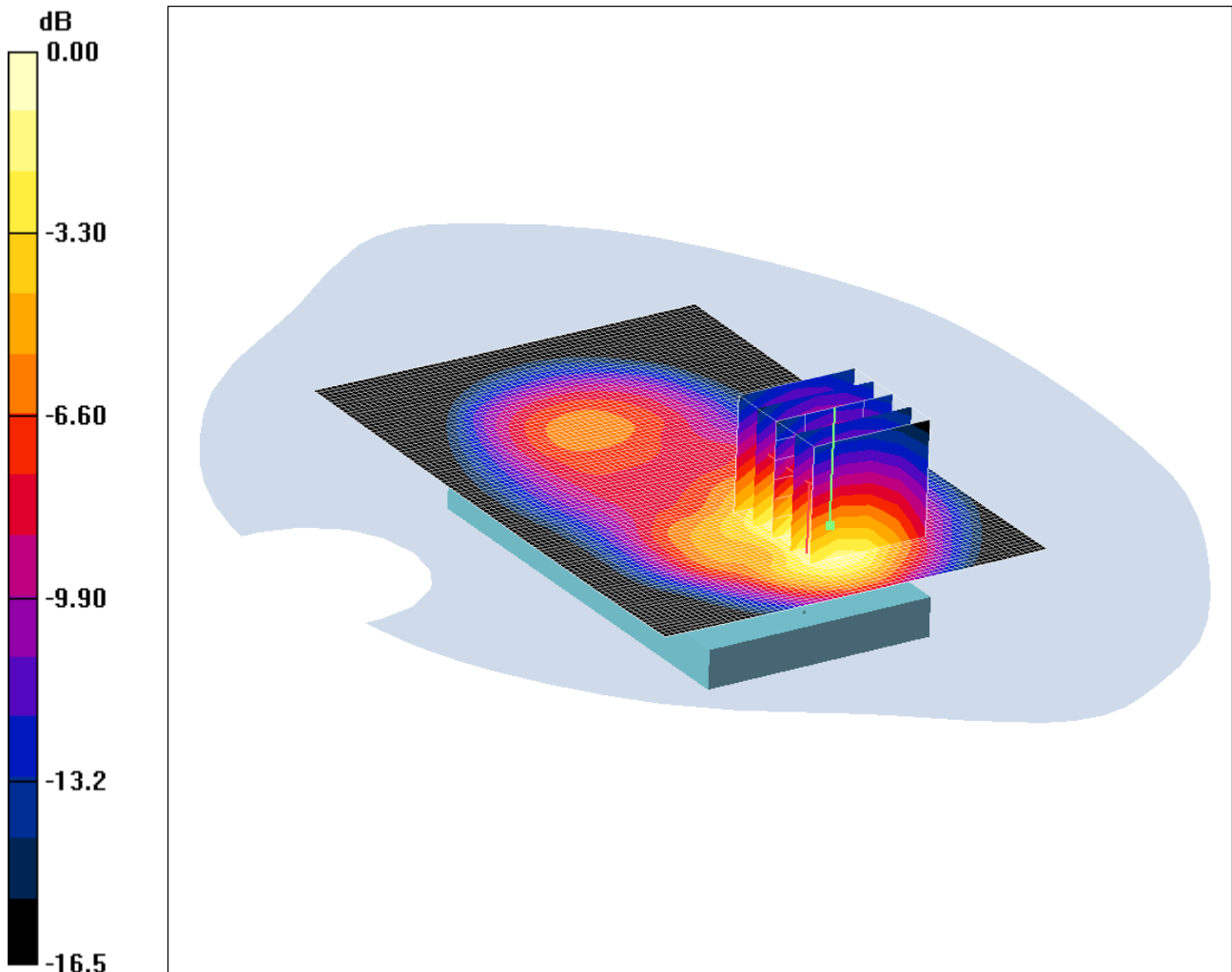
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.396 mW/g

SCN/87693JD02/034: Back of EUT Facing Phantom GPRS CH512

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.479mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.471 mW/g

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

Reference Value = 7.62 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.682 W/kg

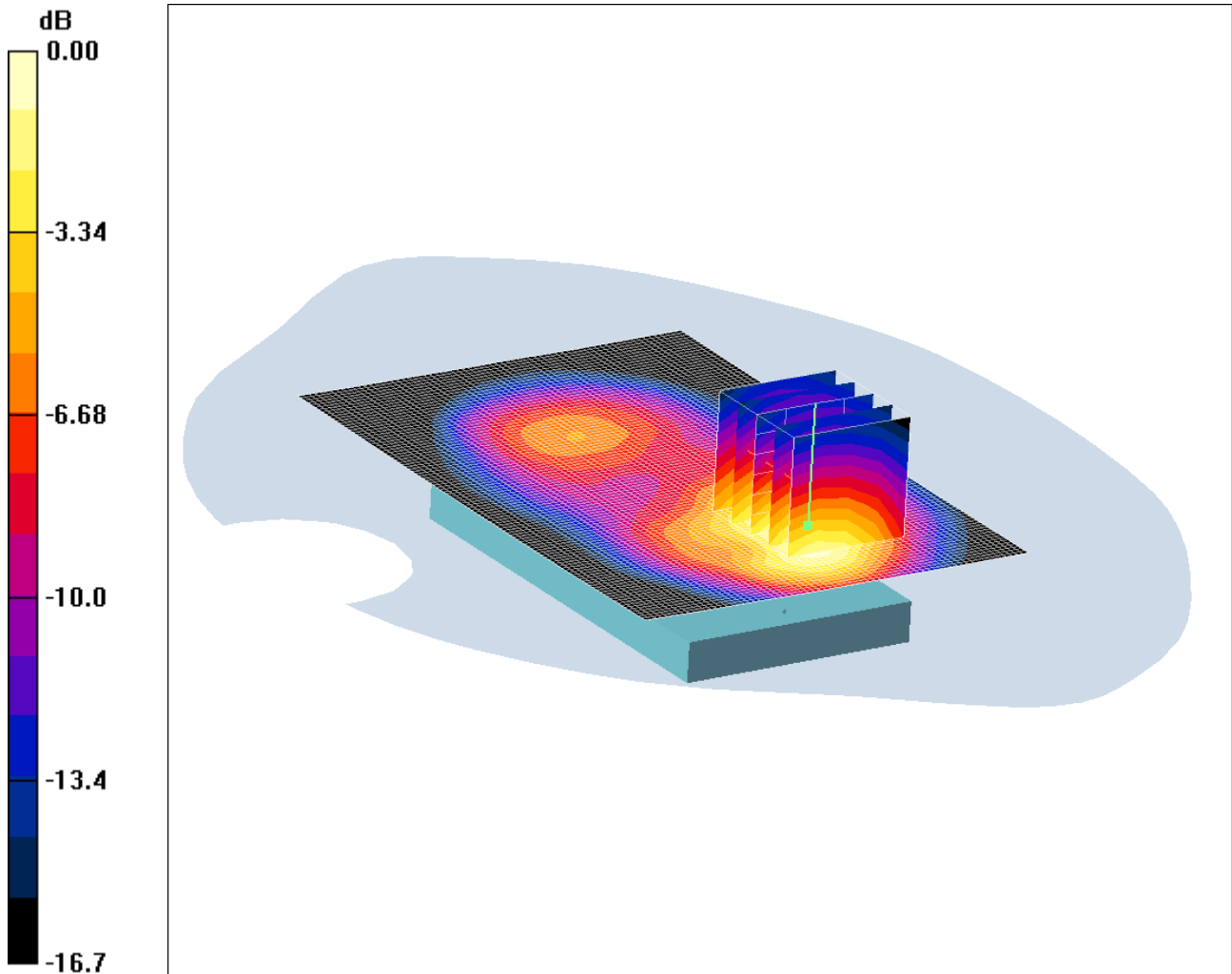
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.479 mW/g

SCN/87693JD02/035: Back of EUT Facing Phantom GPRS CH810

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.572mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - High/Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.556 mW/g

Back of EUT Facing Phantom - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.61 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.838 W/kg

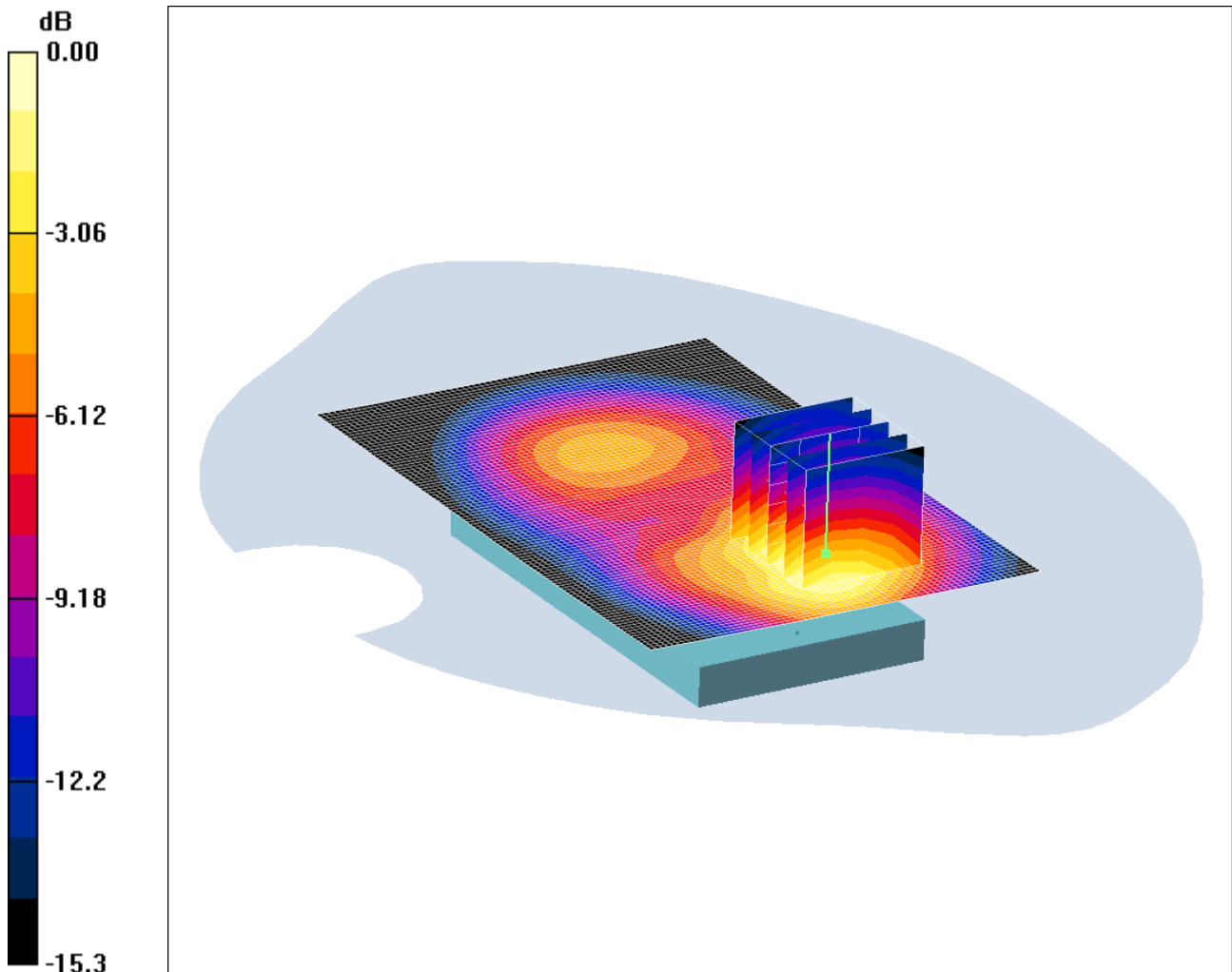
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.572 mW/g

SCN/87693JD02/036: Back of EUT Facing Phantom at 15mm GPRS CH661

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.535mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm - Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.530 mW/g

Back of EUT Facing Phantom at 15mm - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 8.26 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 1.24 W/kg

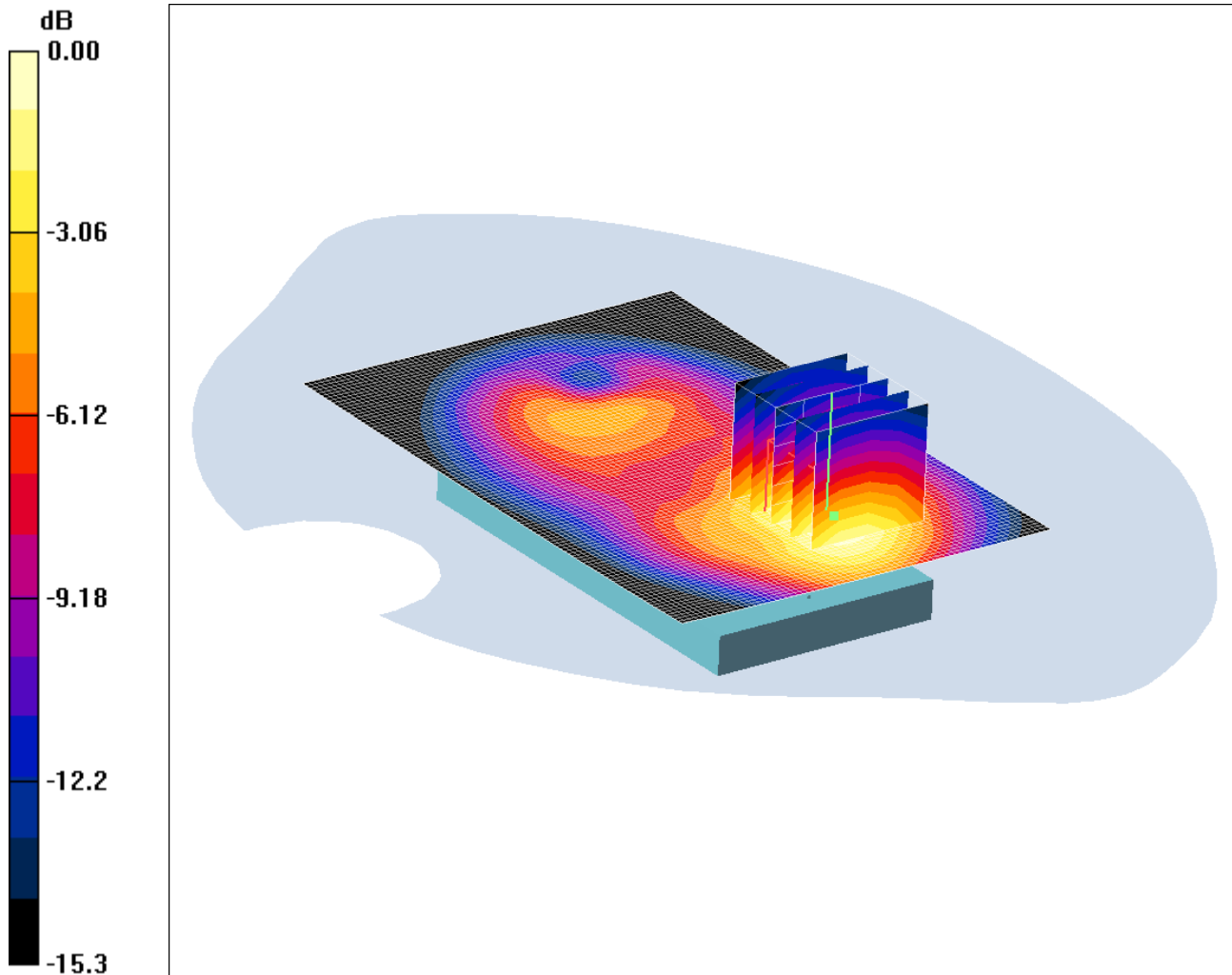
SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.535 mW/g

SCN/87693JD02/037: Back of EUT Facing Phantom at 15mm GPRS CH512

Date 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.509mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm - Low/Area Scan 2 (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.508 mW/g

Back of EUT Facing Phantom at 15mm - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 8.38 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.706 W/kg

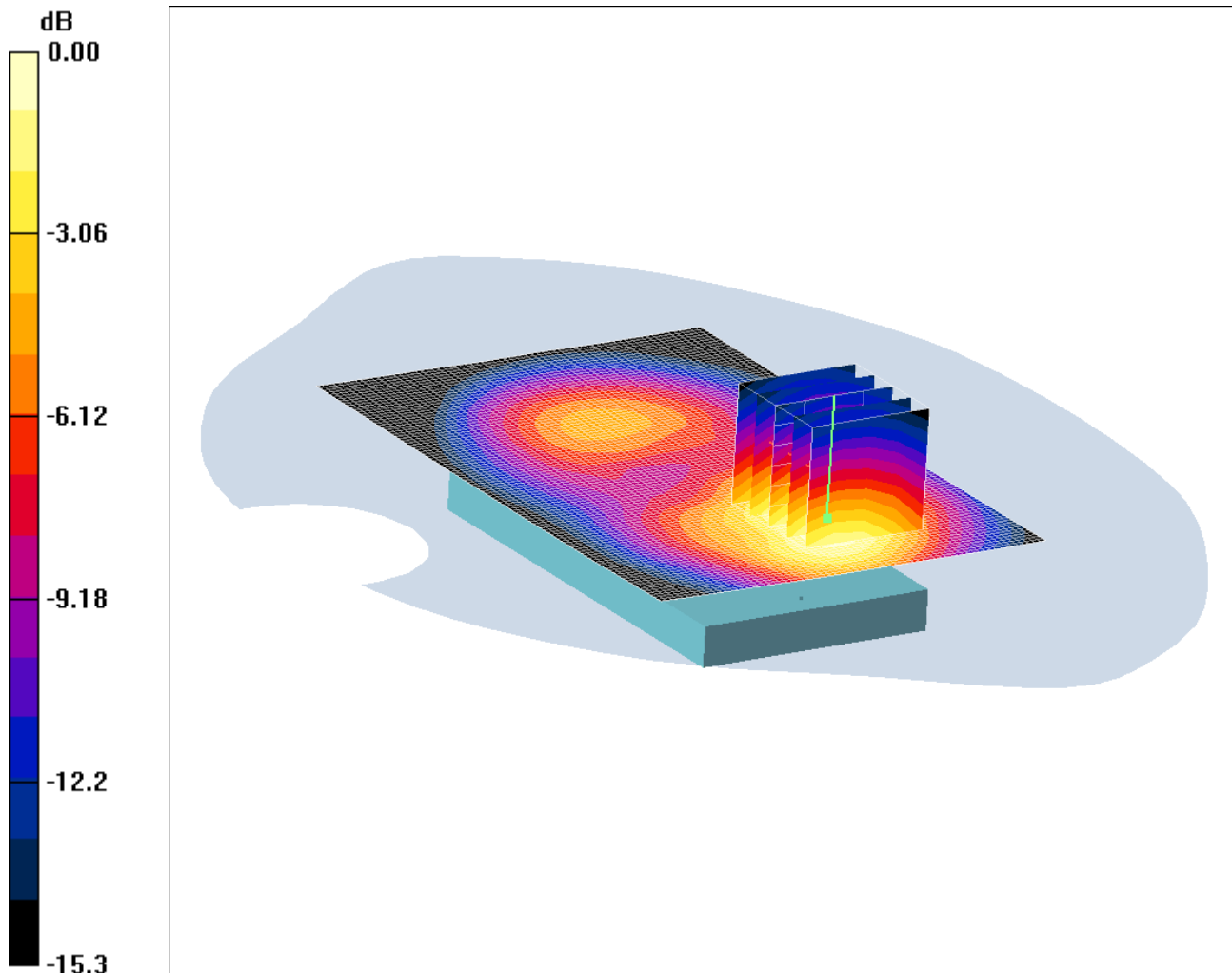
SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.509 mW/g

SCN/87693JD02/038: Back of EUT Facing Phantom at 15mm GPRS CH810

Date/Time: 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.580mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm - High/Area Scan 2 (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.573 mW/g

Back of EUT Facing Phantom at 15mm - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 8.01 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.811 W/kg

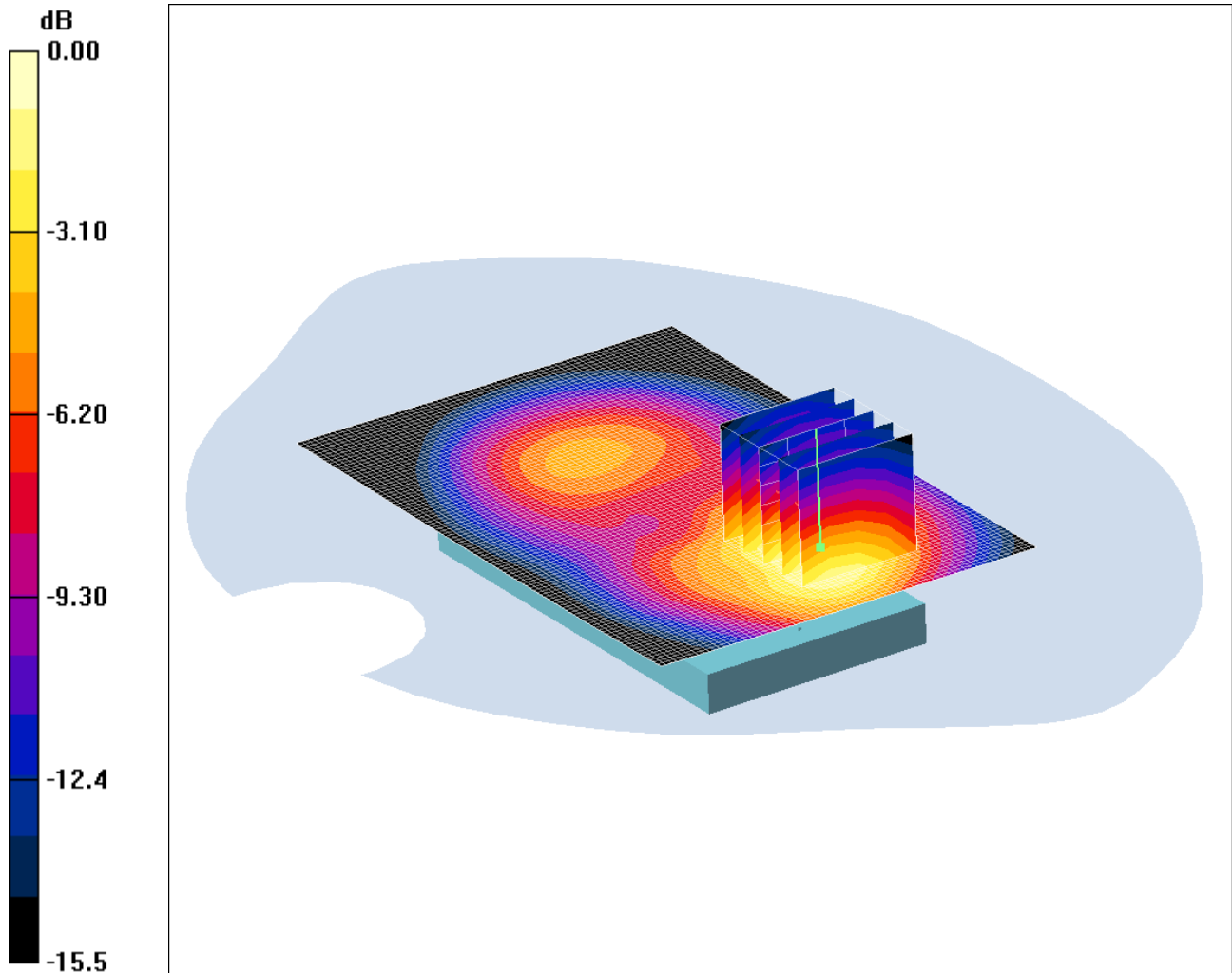
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.580 mW/g

SCN/87693JD02/039: Back of EUT Facing Phantom PCS CH661

Date: 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.530mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.520 mW/g

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

Reference Value = 8.05 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.731 W/kg

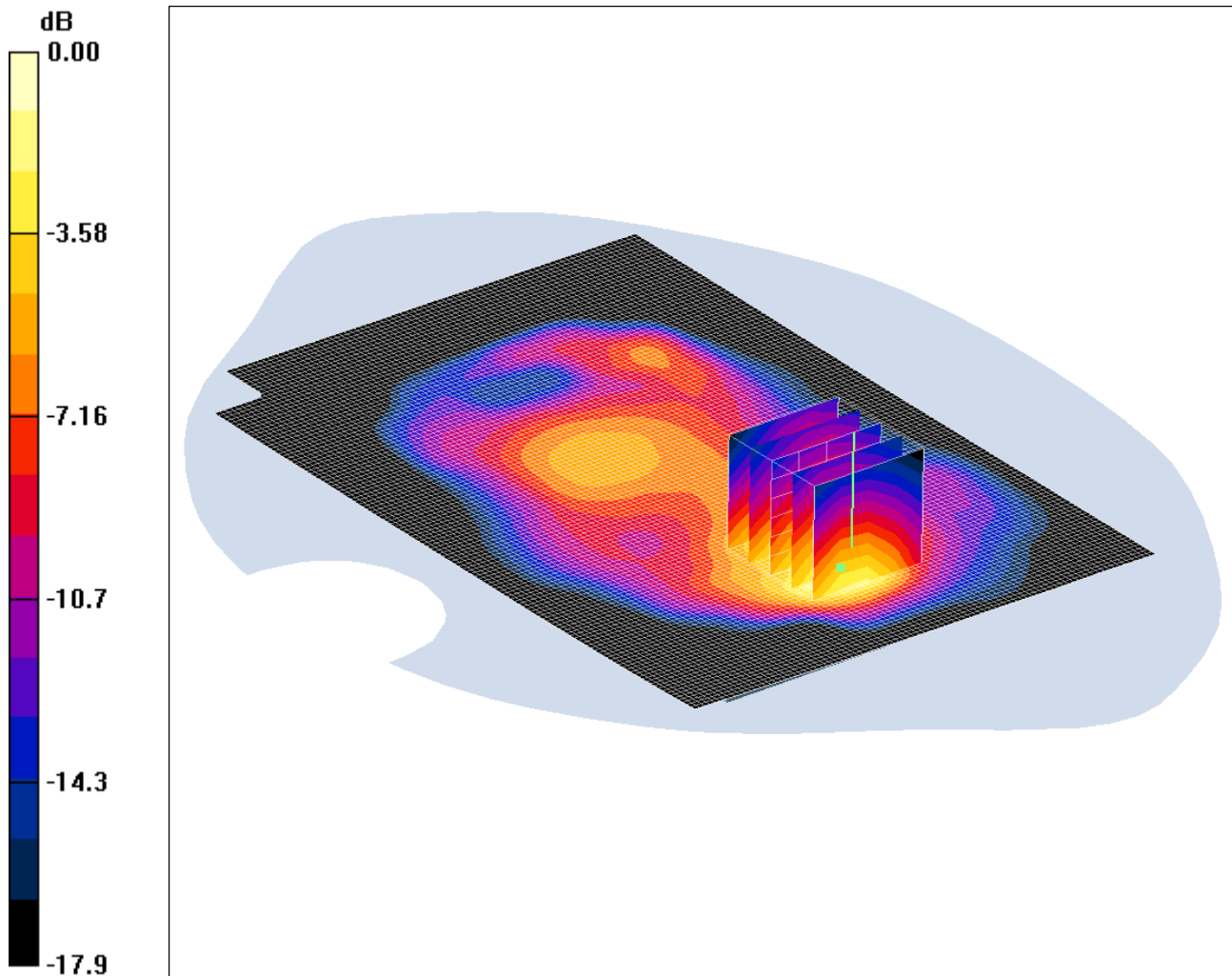
SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.530 mW/g

SCN/87693JD02/040: Back of EUT Facing Phantom with PHF PCS CH661

Date: 30/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.602mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom with PHF - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.649 mW/g

Back of EUT Facing Phantom with PHF - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:

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

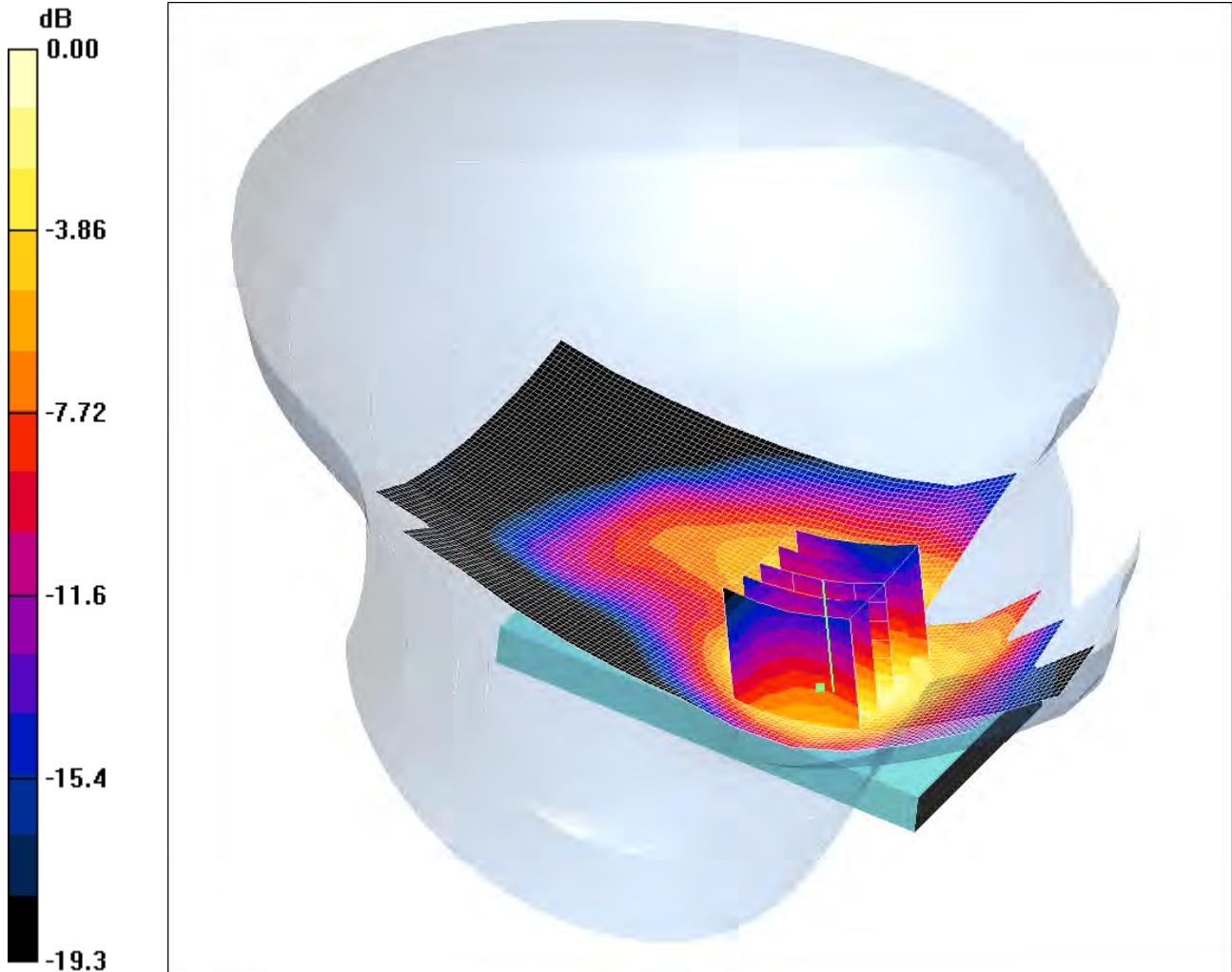
Reference Value = 10.0 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.602 mW/g

SCN/87693JD02/041: Touch Left UMTS FDD II CH9400
 Date 29/05/2012
 DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.14mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 38.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.17 mW/g

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

Reference Value = 9.57 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 1.75 W/kg

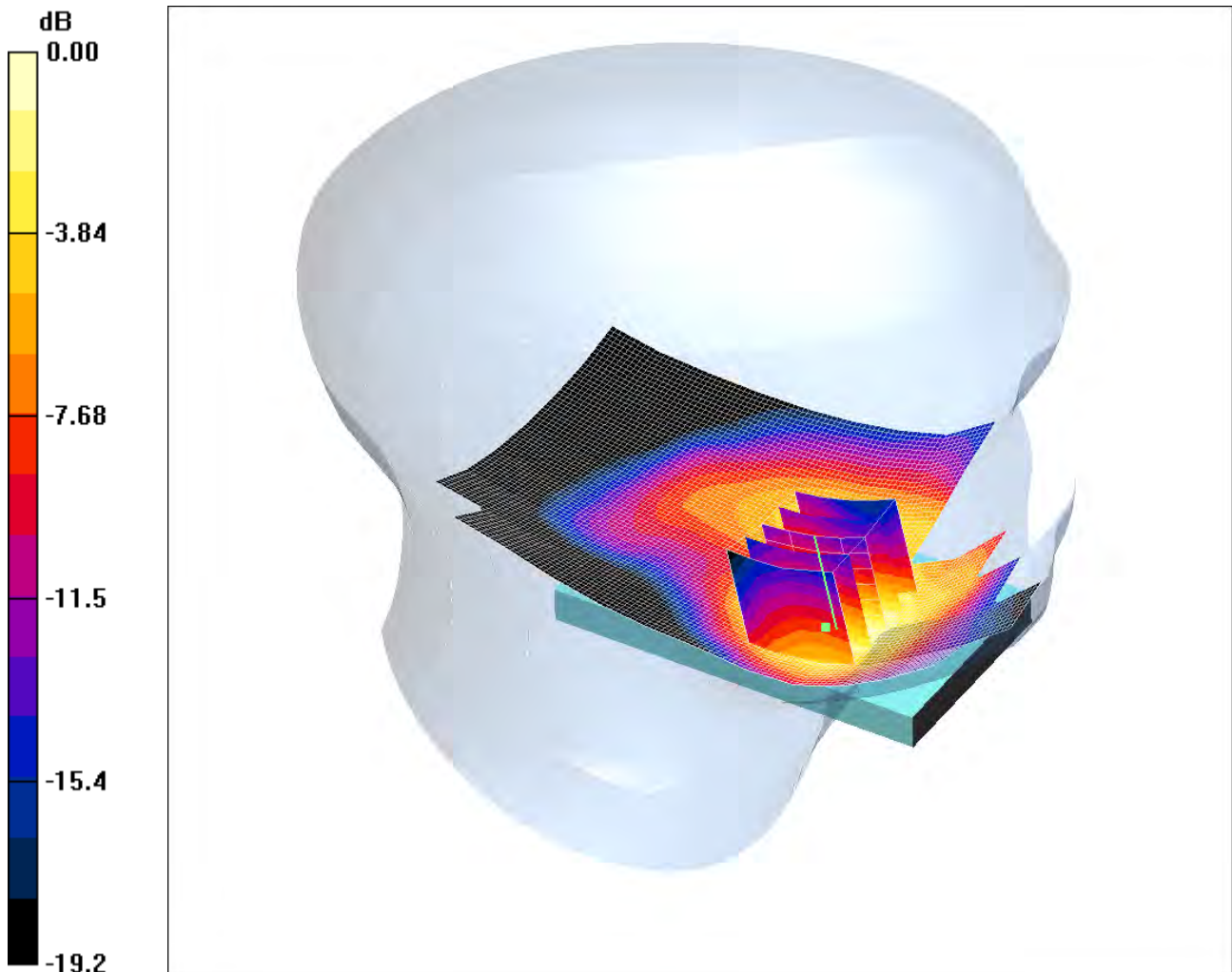
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 1.14 mW/g

SCN/87693JD02/042: Touch Left UMTS FDD II CH9262

Date 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.02mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Low/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Touch Left - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.56 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.56 W/kg

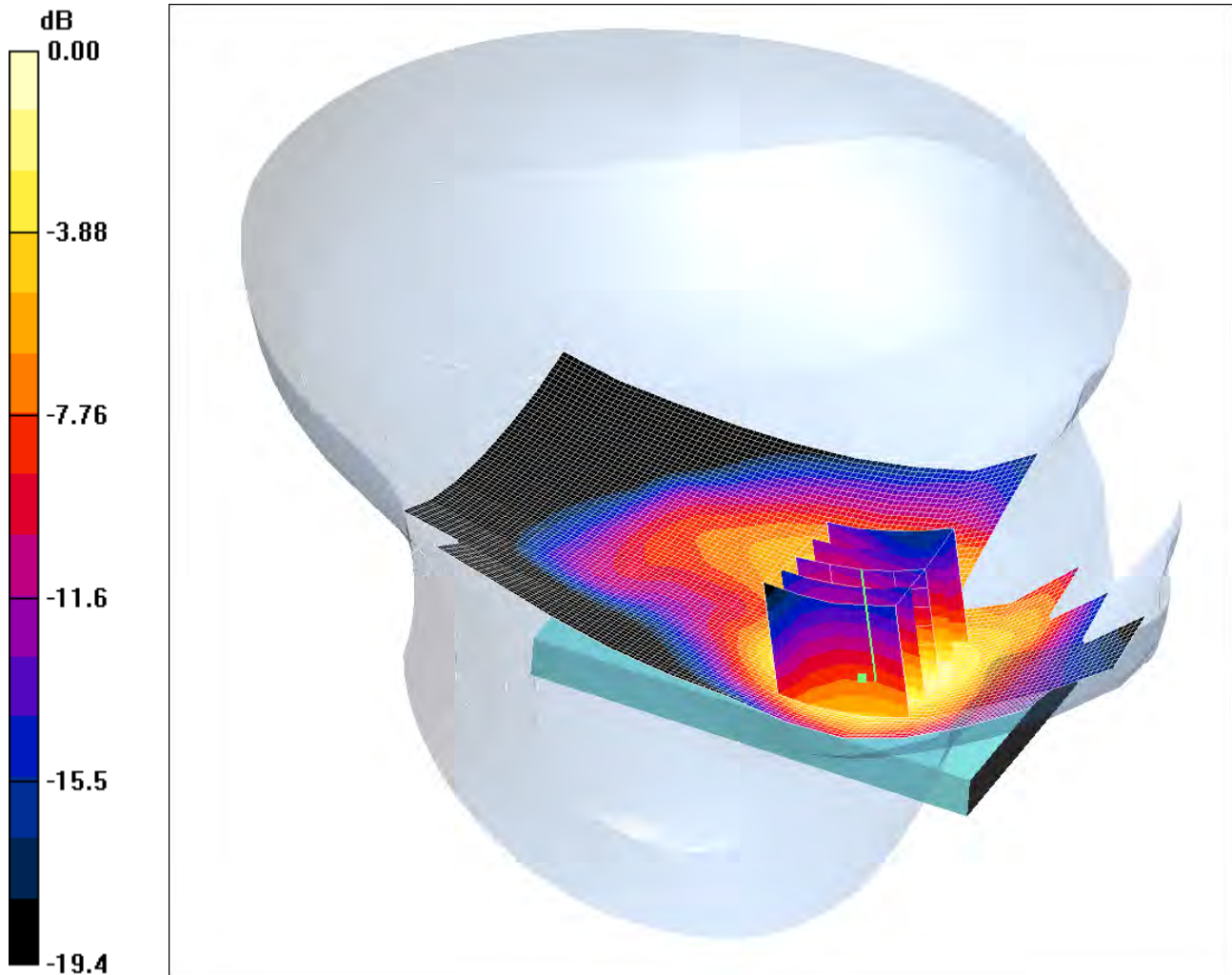
SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.550 mW/g

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

SCN/87693JD02/043: Touch Left UMTS FDD II CH9538

Date 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.06mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 mW/g

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

Reference Value = 8.70 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.62 W/kg

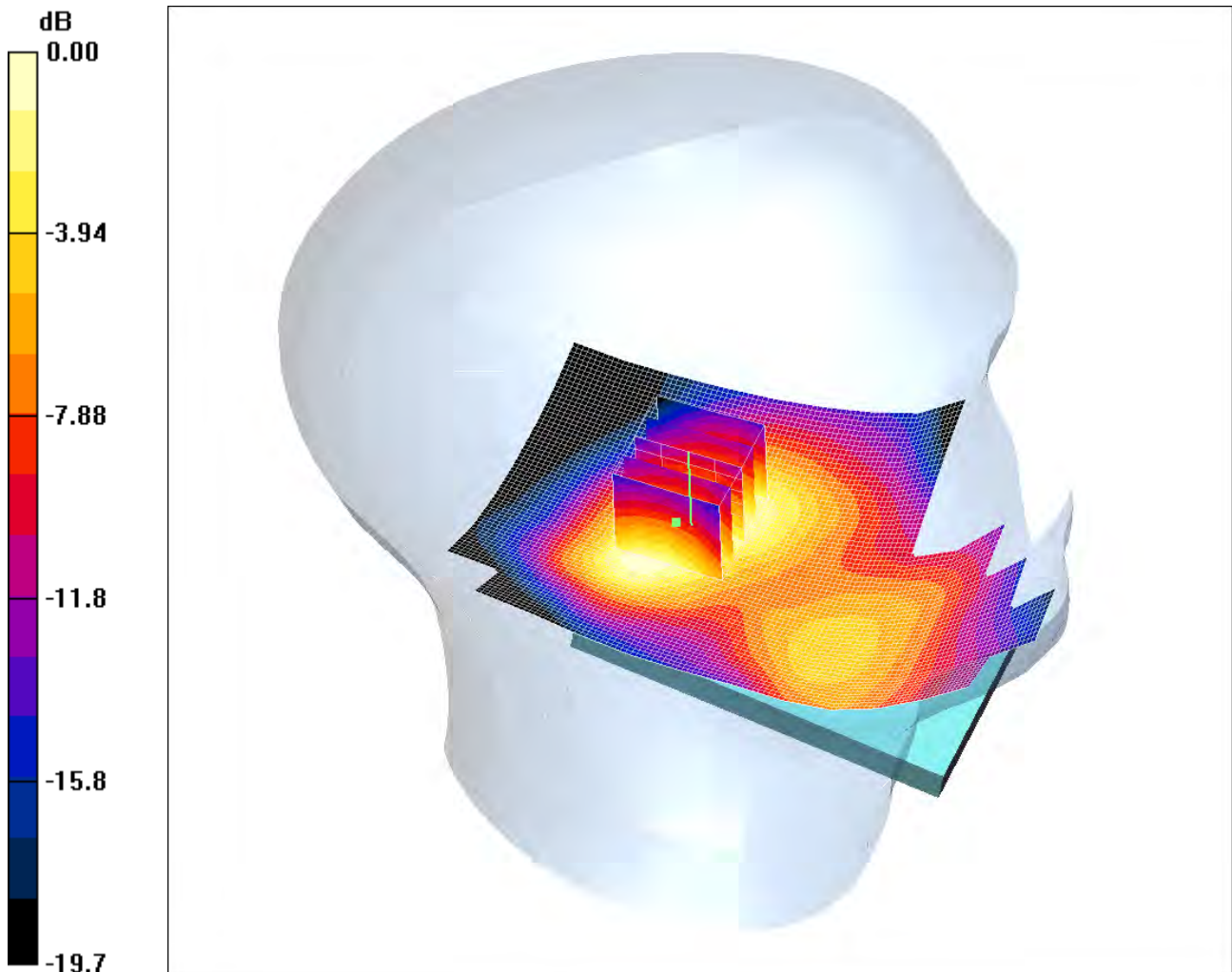
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

SCN/87693JD02/044: Tilt Left UMTS FDD II CH9400

Date 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.489mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.612 mW/g

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

Reference Value = 16.8 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.740 W/kg

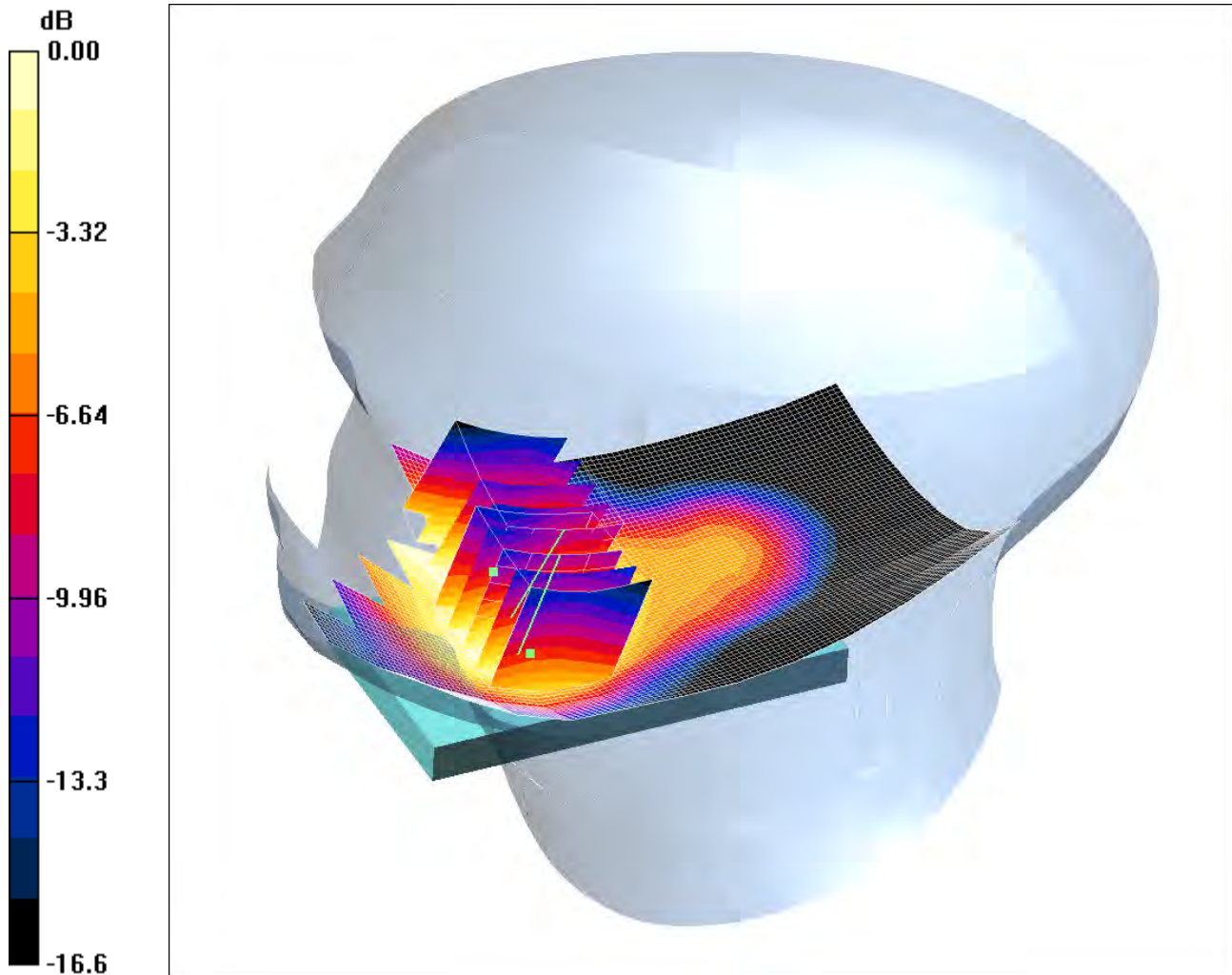
SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 0.489 mW/g

SCN/87693JD02/045: Touch Right UMTS FDD II CH9400

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.643mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.864 mW/g

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

Reference Value = 9.65 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.822 mW/g

Touch Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.65 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.393 mW/g

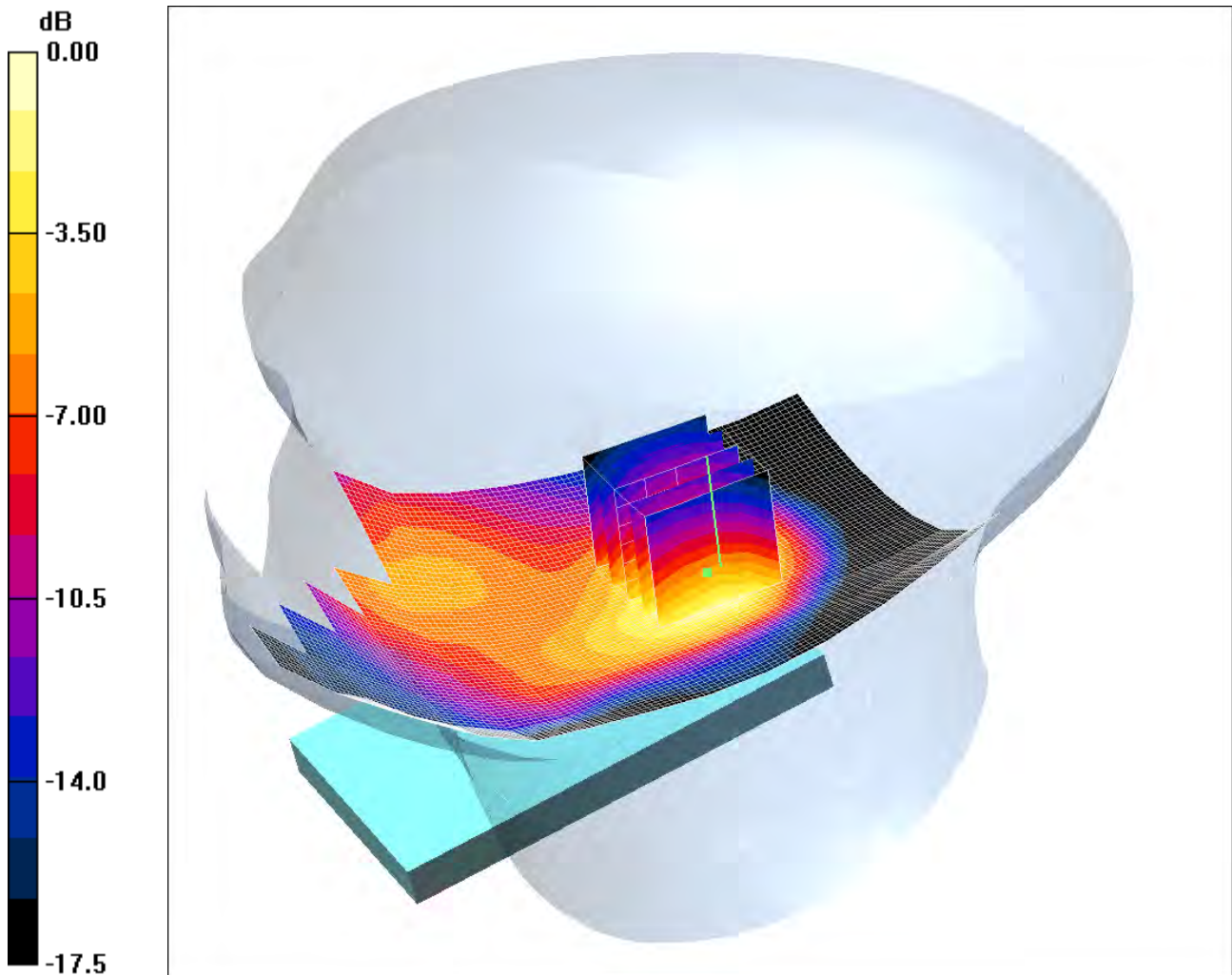
Maximum value of SAR (measured) = 0.643 mW/g

Note: DASY system is configured to measure any secondary maxima that are within 2dB of the measured SAR level.

SCN/87693JD02/046: Tilt Right UMTS FDD II CH9400

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.496mW/g

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

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.548 mW/g

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

Reference Value = 18.0 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 0.714 W/kg

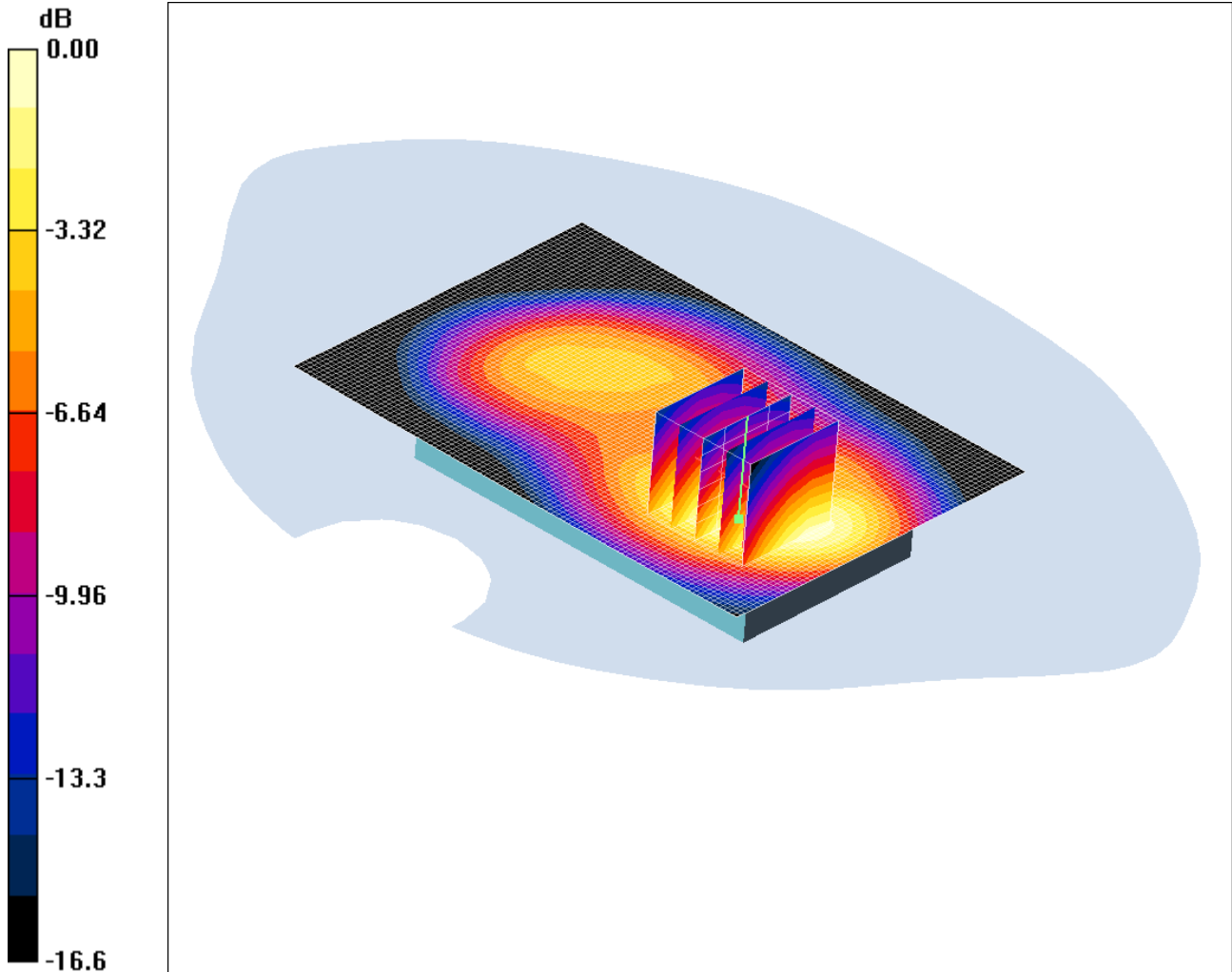
SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.496 mW/g

SCN/87693JD02/047: Front of EUT Facing Phantom UMTS FDD II CH9400

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.335mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 8.02 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.496 W/kg

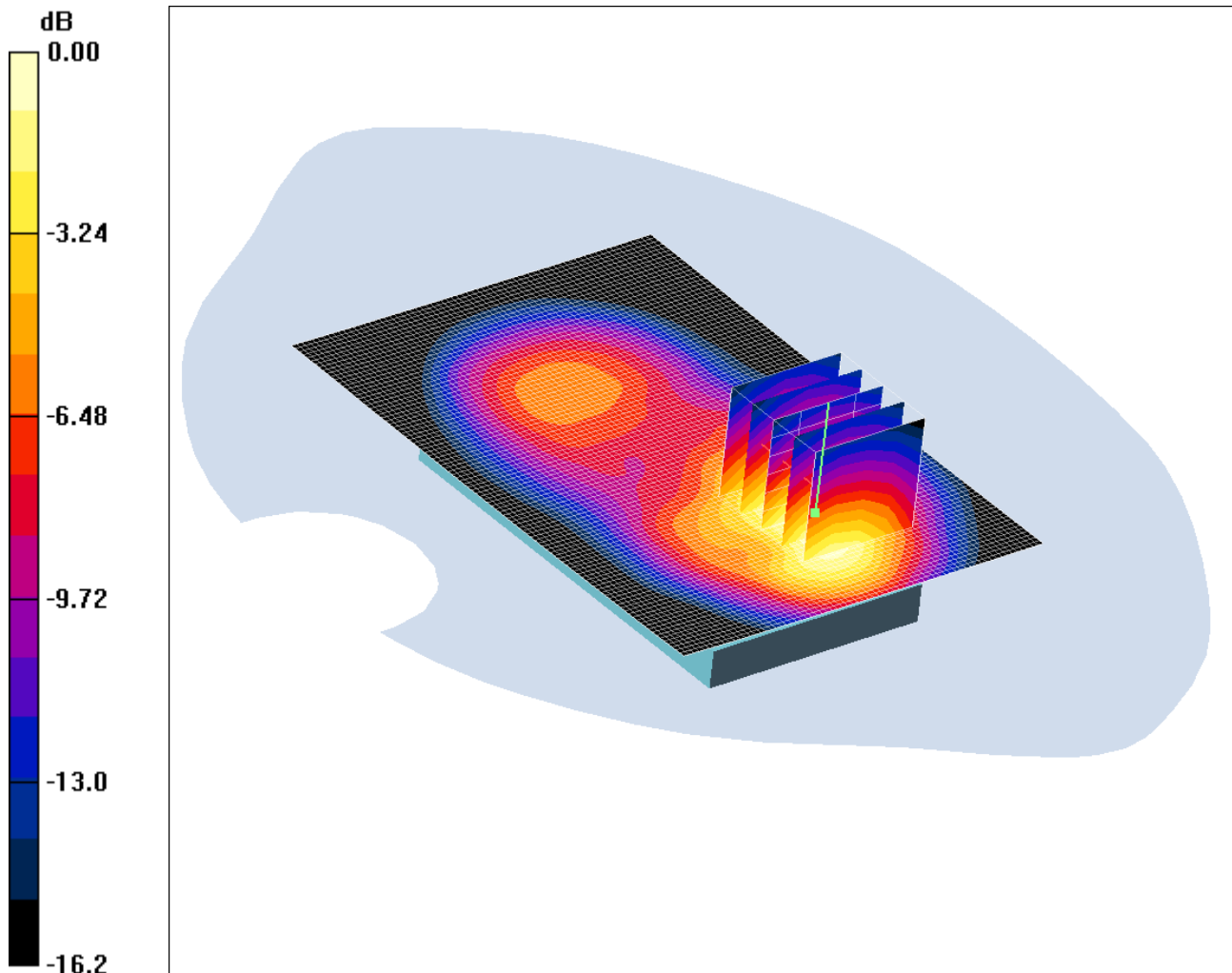
SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.182 mW/g

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

SCN/87693JD02/048: Back of EUT Facing Phantom UMTS FDD II CH9400

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.509mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.517 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 7.76 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.729 W/kg

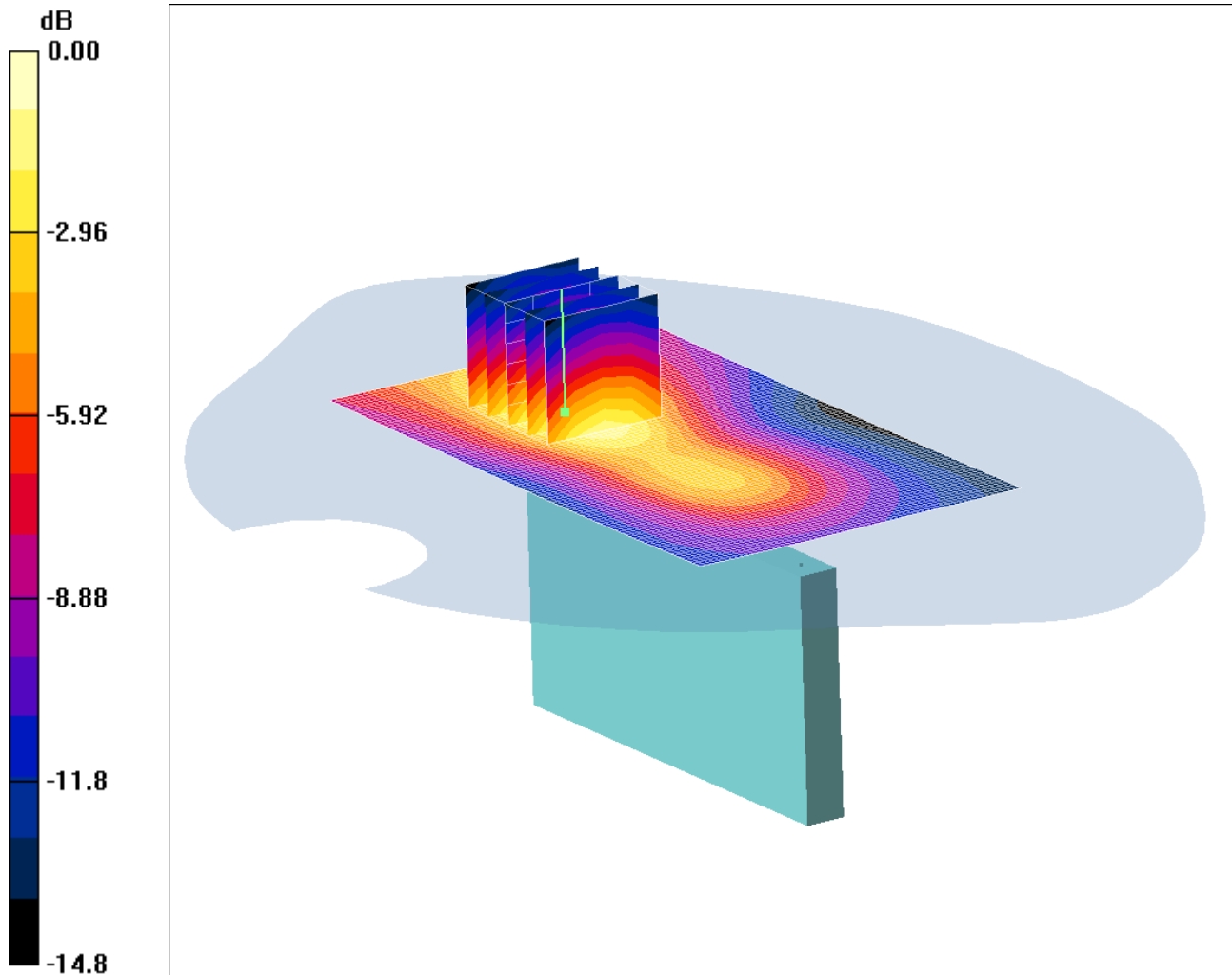
SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.509 mW/g

SCN/87693JD02/049: Left Hand Side of EUT Facing Phantom UMTS FDD II CH9400

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.101mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.44 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.139 W/kg

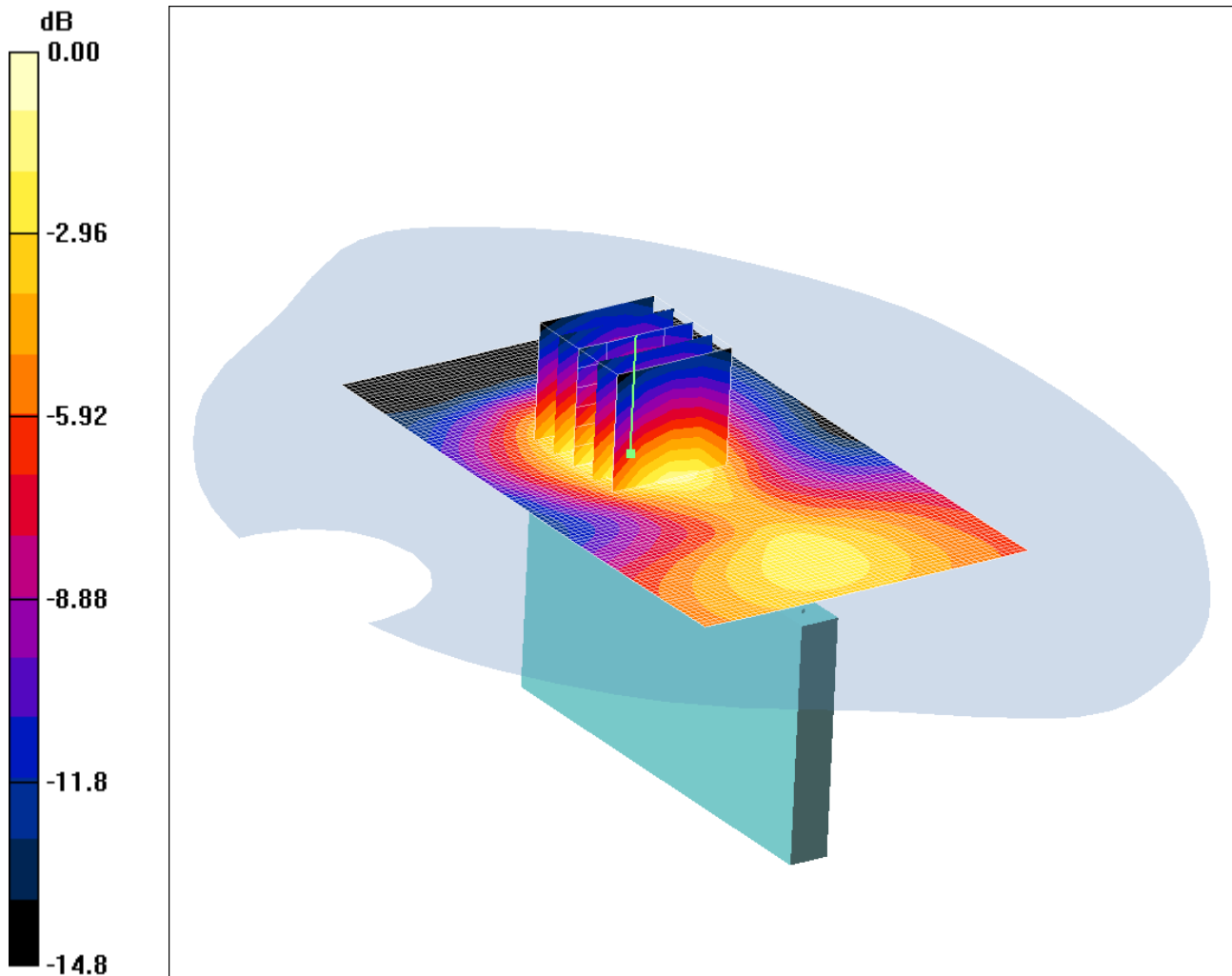
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.101 mW/g

SCN/87693JD02/050: Right Hand Side of EUT Facing Phantom UMTS FDD II CH9400

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.066mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.09 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.089 W/kg

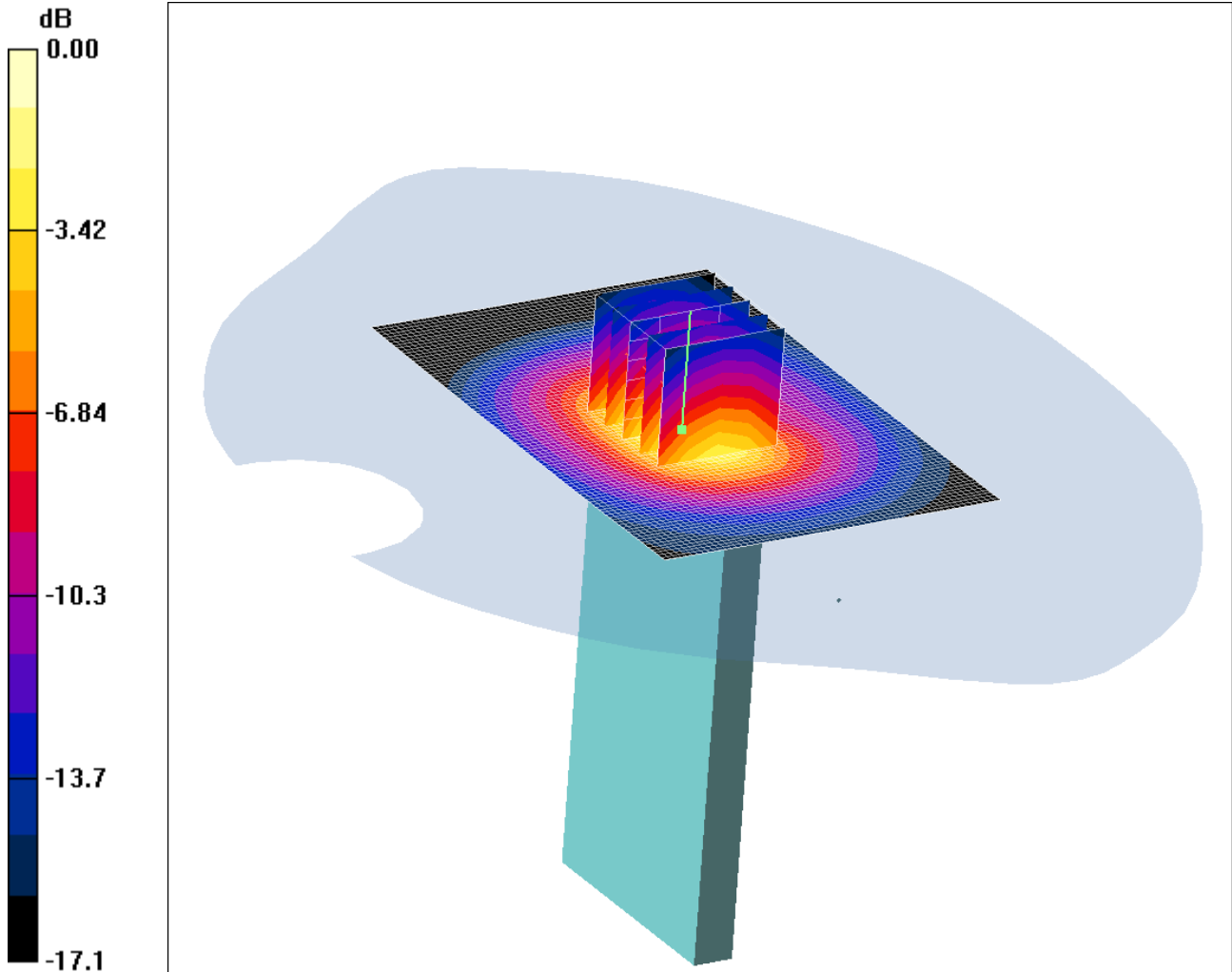
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.066 mW/g

SCN/87693JD02/051: Bottom of EUT Facing Phantom UMTS FDD II CH9400

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.417mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.386 mW/g

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

Reference Value = 16.0 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.579 W/kg

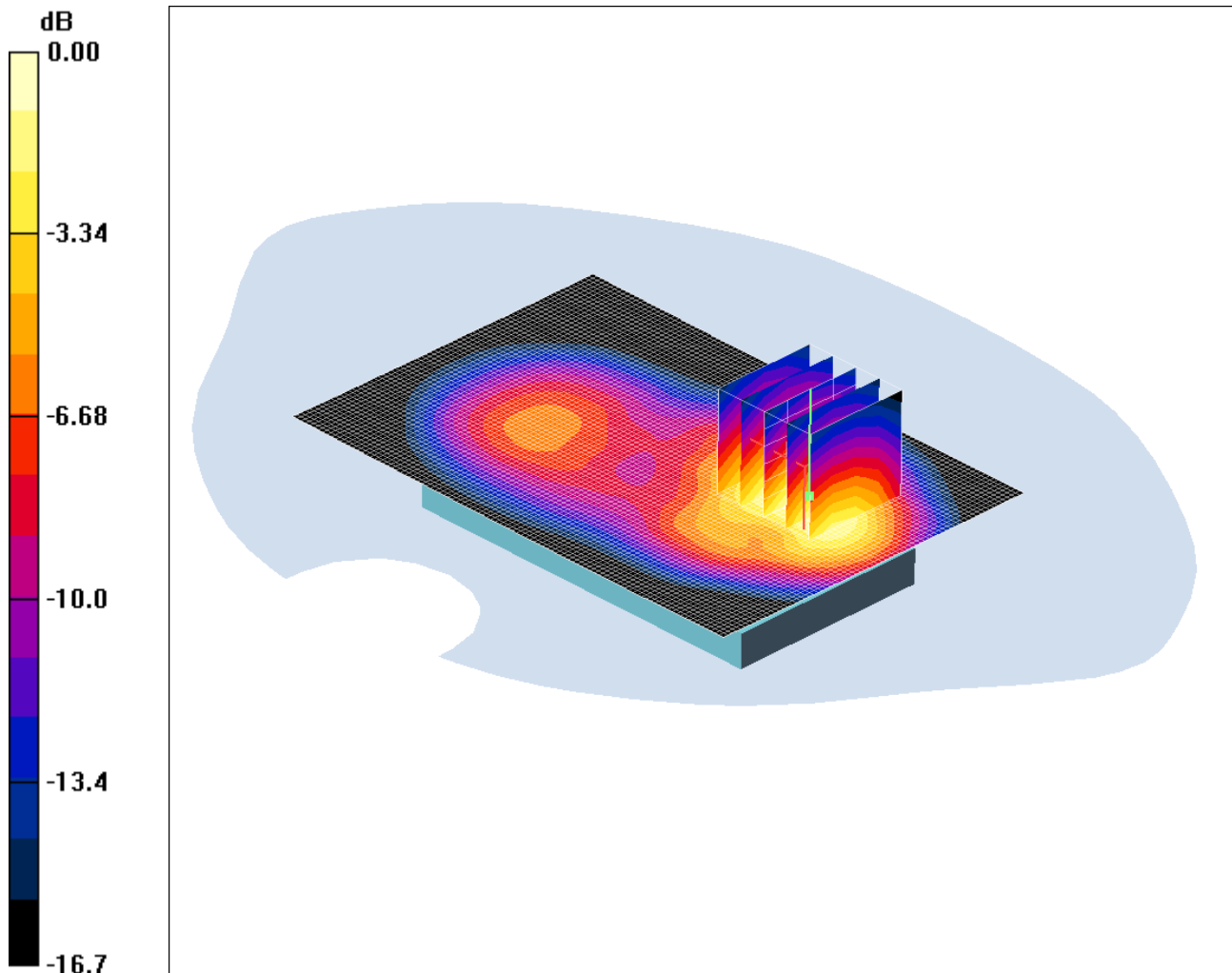
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.417 mW/g

SCN/87693JD02/052: Back of EUT Facing Phantom UMTS FDD II CH9262

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.536mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.525 mW/g

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

Reference Value = 7.30 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.764 W/kg

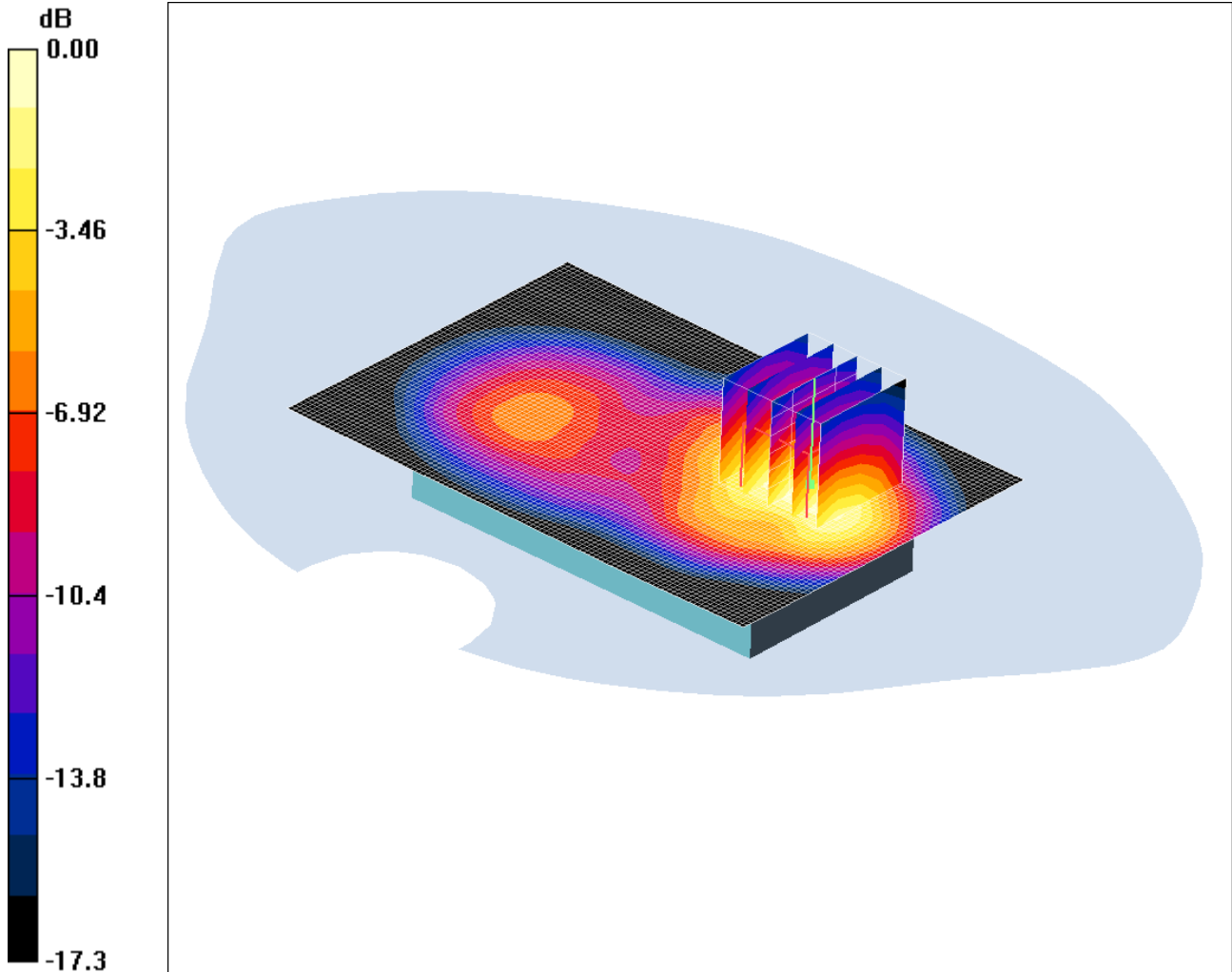
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.536 mW/g

SCN/87693JD02/053: Back of EUT Facing Phantom UMTS FDD II CH9538

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.560mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - High/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.564 mW/g

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

Reference Value = 7.58 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.811 W/kg

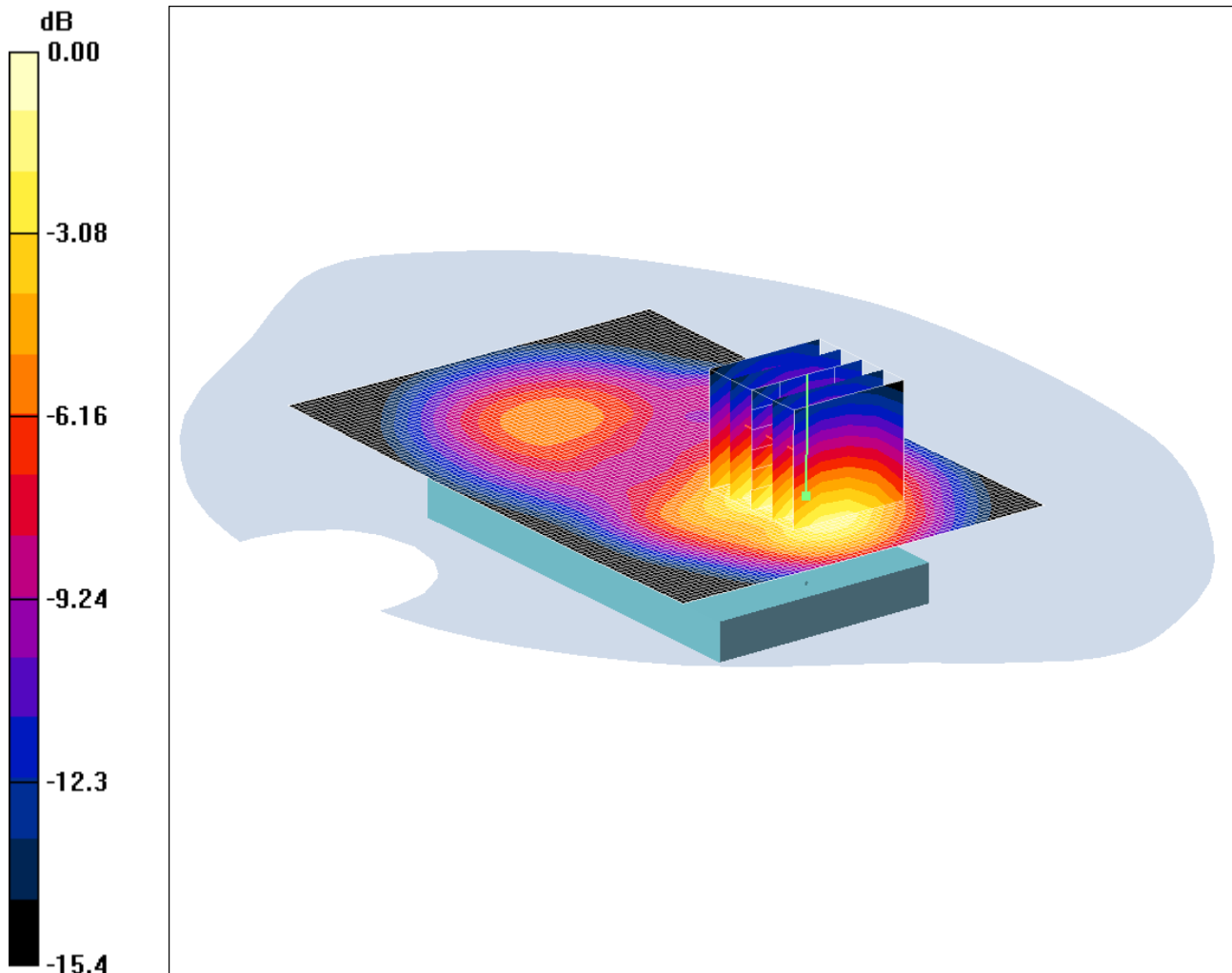
SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.560 mW/g

SCN/87693JD02/054: Back of EUT Facing Phantom at 15mm UMTS FDD II CH9400

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.828mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm- Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.820 mW/g

Back of EUT Facing Phantom at 15mm- Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 1.15 W/kg

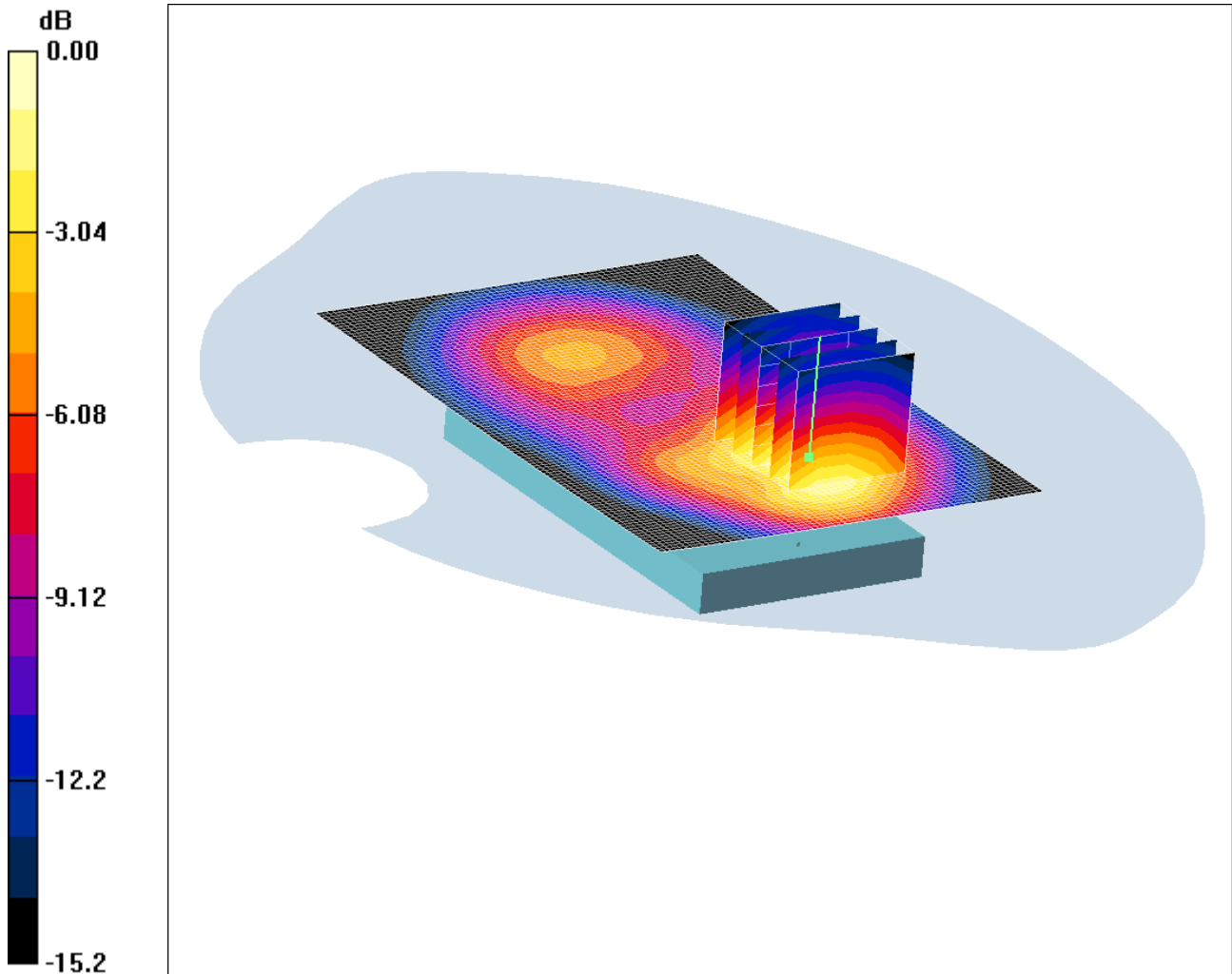
SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 0.828 mW/g

SCN/87693JD02/055: Back of EUT Facing Phantom at 15mm UMTS FDD II CH9262

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.744mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm- Low/Area Scan 2 (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.747 mW/g

Back of EUT Facing Phantom at 15mm- Low/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.40 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.02 W/kg

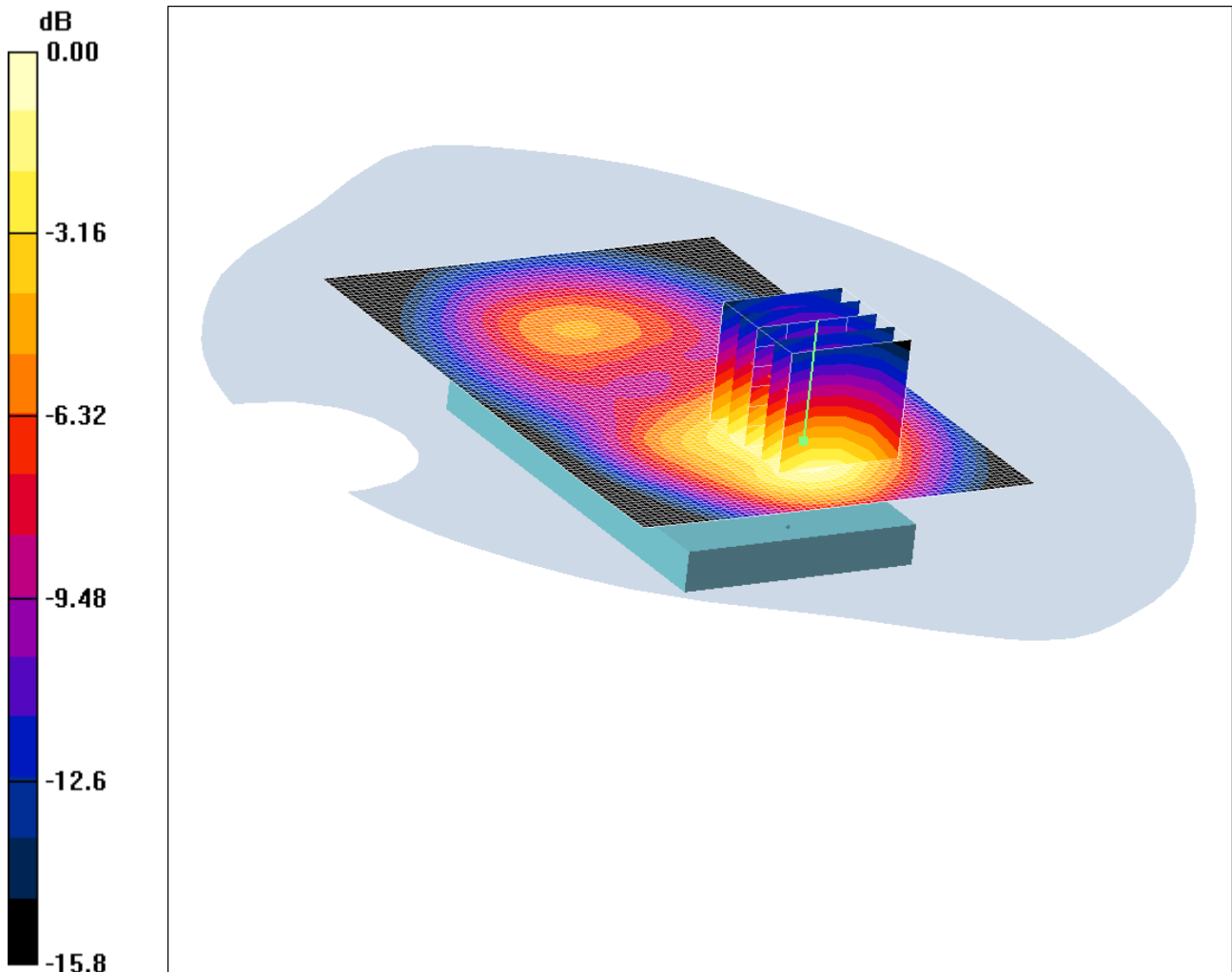
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.744 mW/g

SCN/87693JD02/056: Back of EUT Facing Phantom at 15mm UMTS FDD II CH9538

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.789mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm- High/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.827 mW/g

Back of EUT Facing Phantom at 15mm- High/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 10.1 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 1.09 W/kg

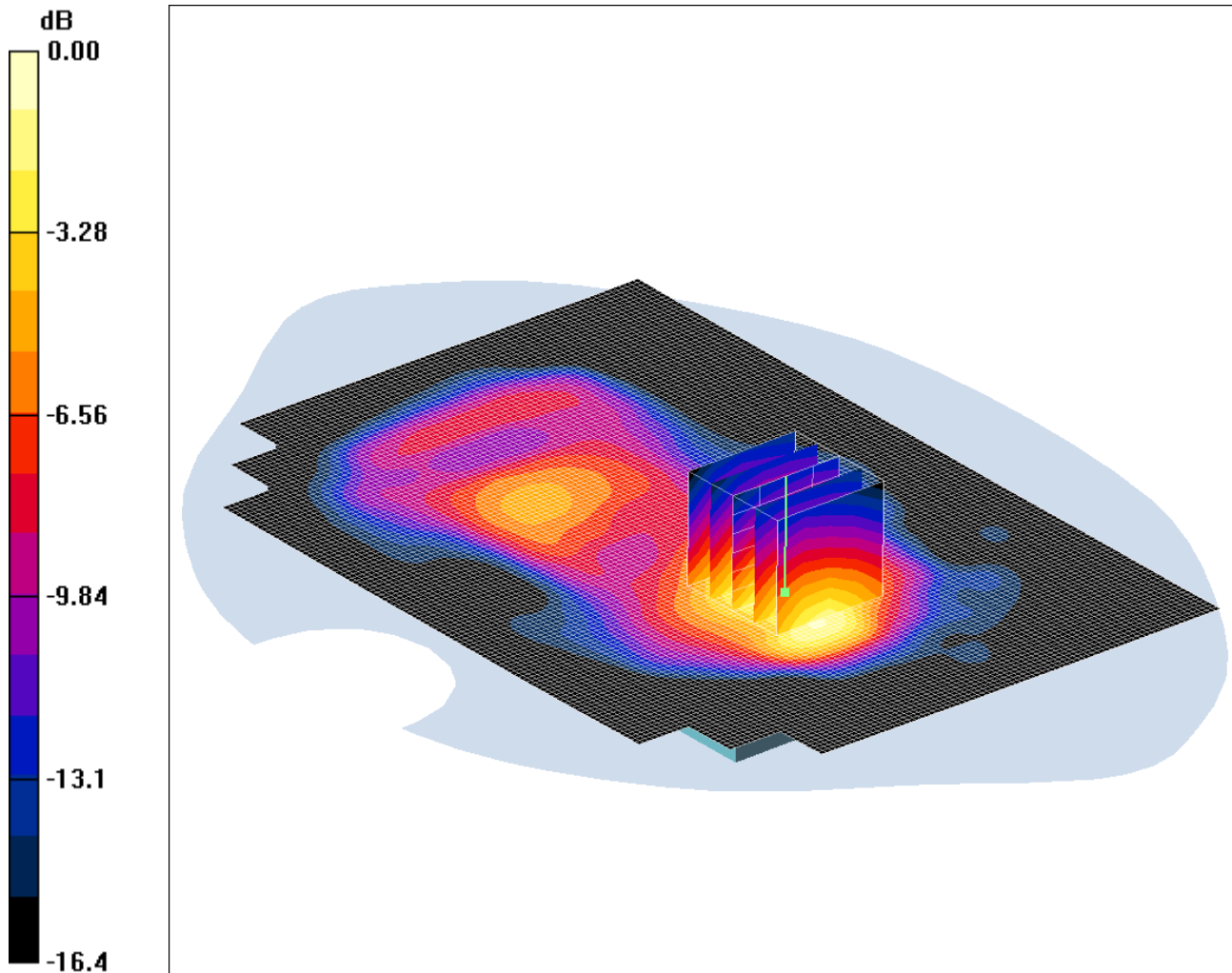
SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.789 mW/g

SCN/87693JD02/057: Back of EUT Facing Phantom at 15mm with PHF UMTS FDD II CH9400

Date: 31/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.821mW/g

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

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm with PHF- Middle/Area Scan (101x141x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.774 mW/g

Back of EUT Facing Phantom at 15mm with PHF- Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.21 W/kg

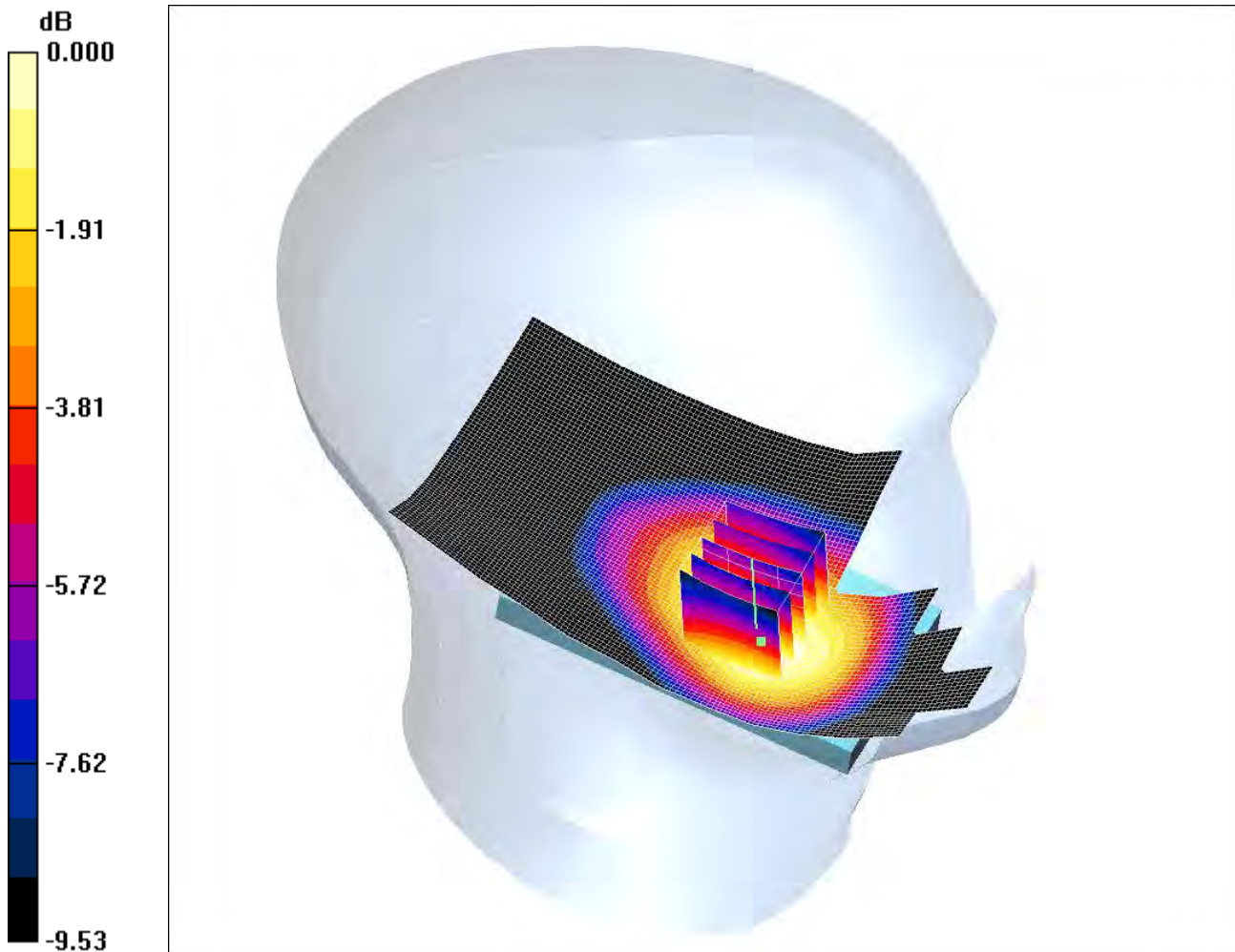
SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.821 mW/g

SCN/87693JD02/058: Touch Left UMTS FDD V CH4183

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.992mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.998 mW/g

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

Reference Value = 10.8 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 1.21 W/kg

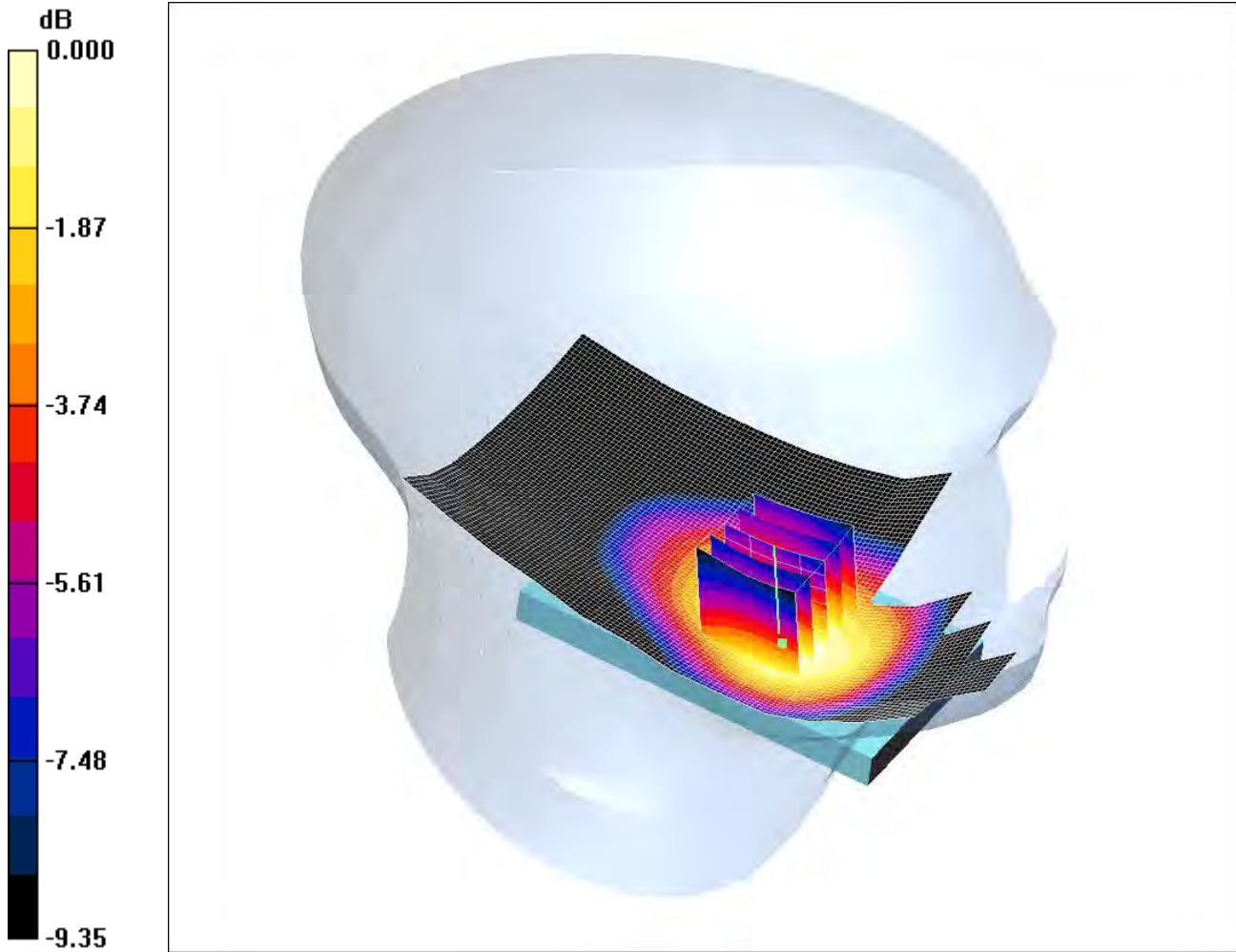
SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.695 mW/g

Maximum value of SAR (measured) = 0.992 mW/g

SCN/87693JD02/059: Touch Left UMTS FDD V CH4132

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.801mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.799 mW/g

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

Reference Value = 10.2 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.962 W/kg

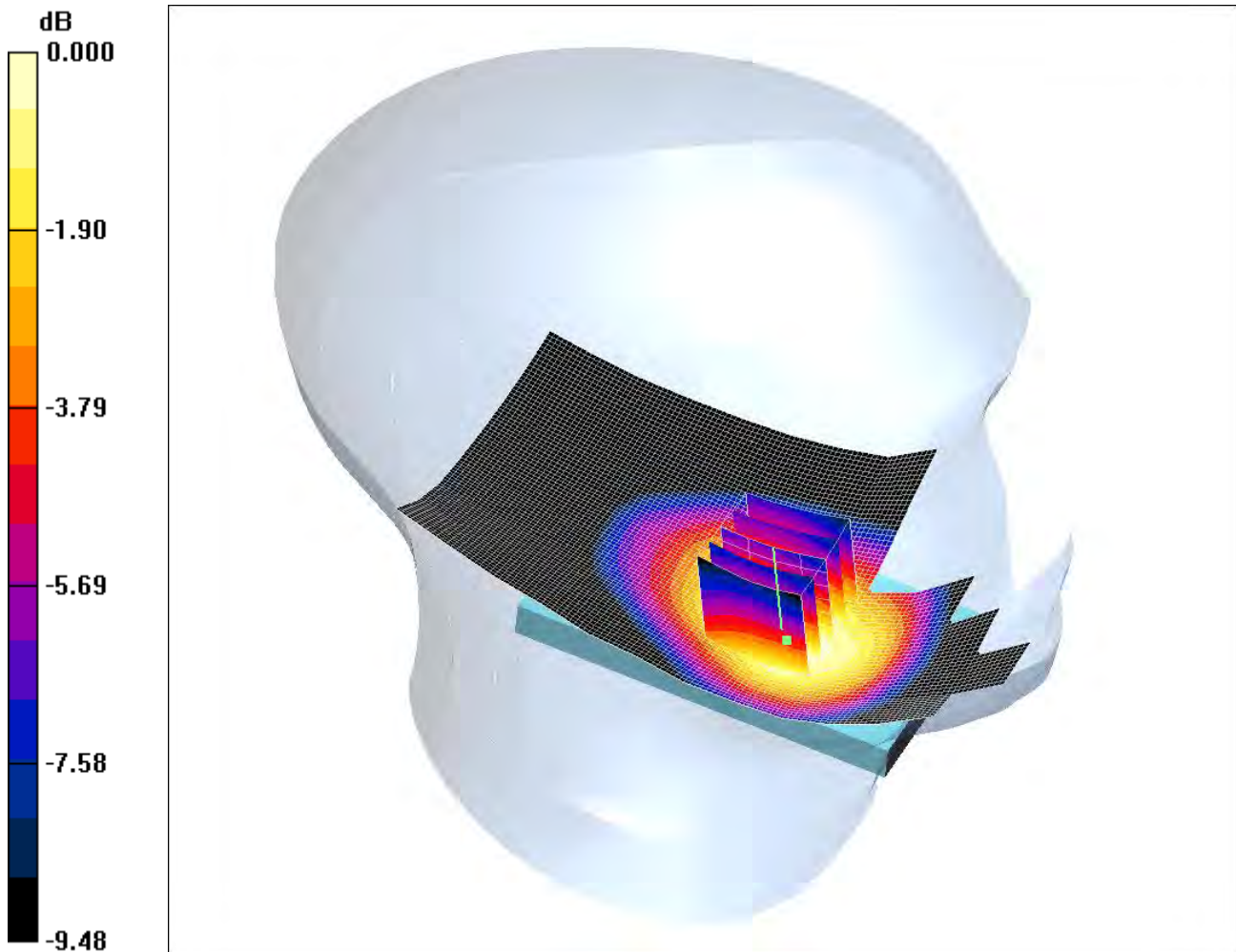
SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.801 mW/g

SCN/87693JD02/060: Touch Left UMTS FDD V CH4233

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.17mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.16 mW/g

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

Reference Value = 11.8 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.40 W/kg

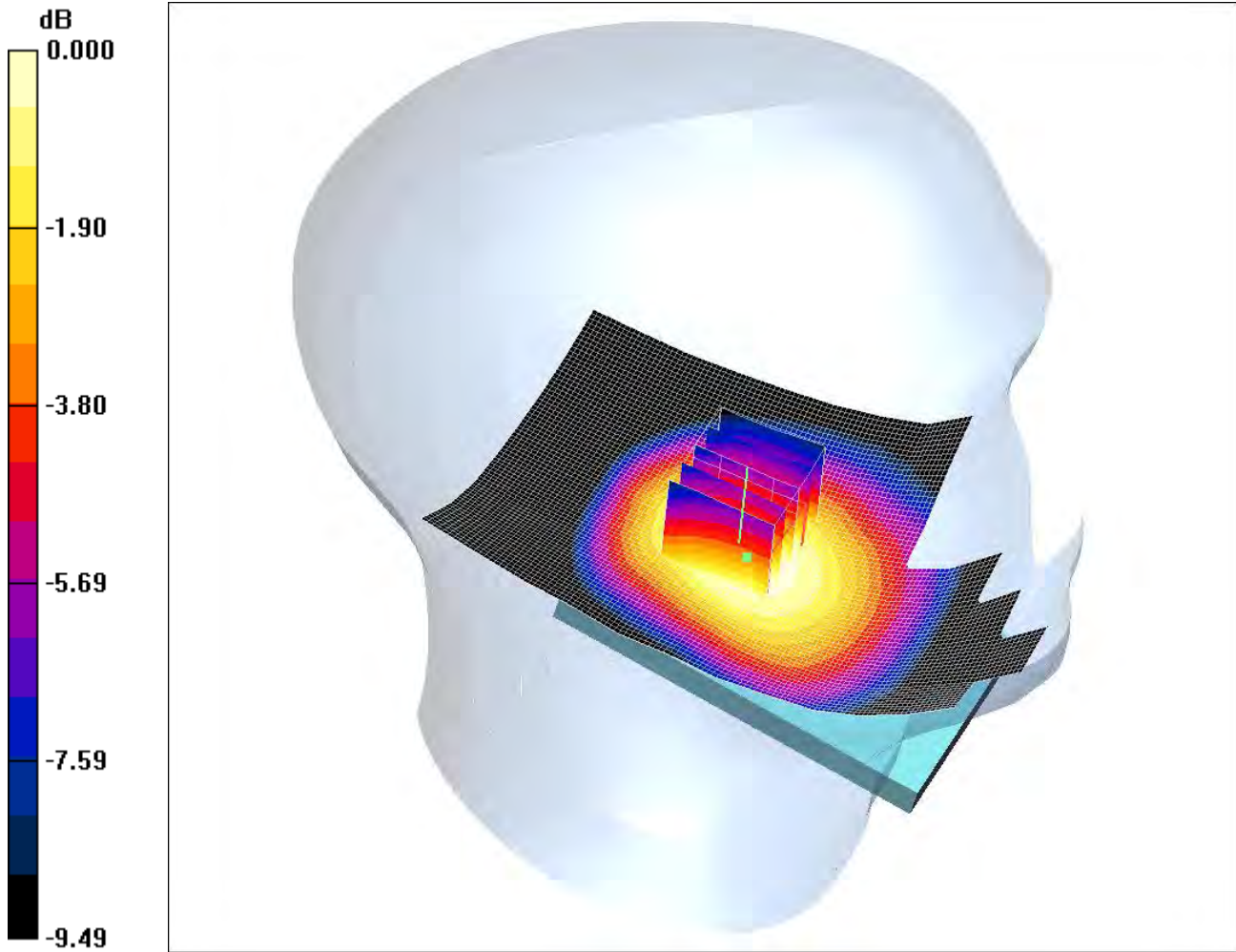
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.814 mW/g

Maximum value of SAR (measured) = 1.17 mW/g

SCN/87693JD02/061: Tilt Left UMTS FDD V CH4183

Date 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.609mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.626 mW/g

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

Reference Value = 18.3 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.737 W/kg

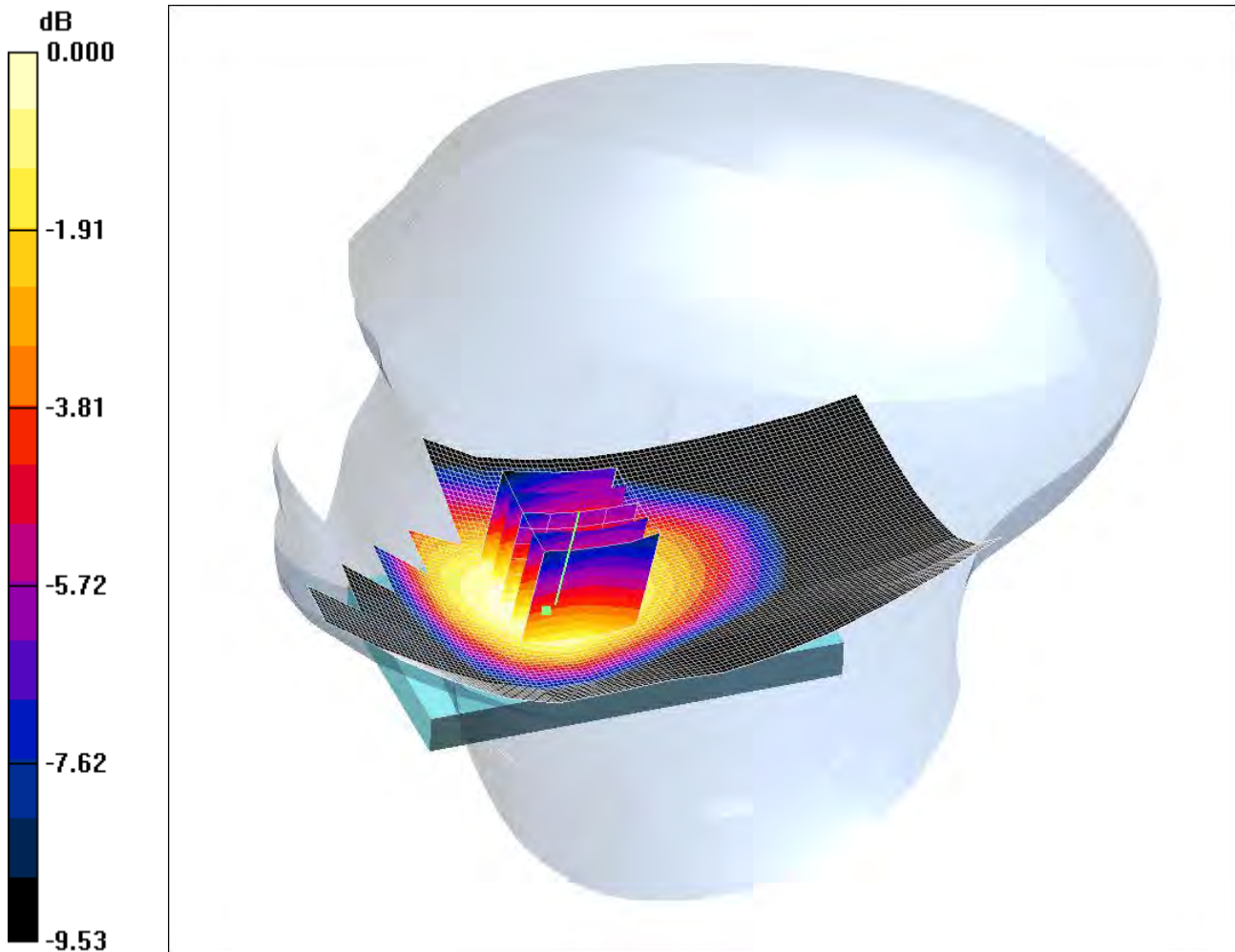
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.442 mW/g

Maximum value of SAR (measured) = 0.609 mW/g

SCN/87693JD02/062: Touch Right UMTS FDD V CH4183

Date: 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.954mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.987 mW/g

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

Reference Value = 13.3 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 1.05 W/kg

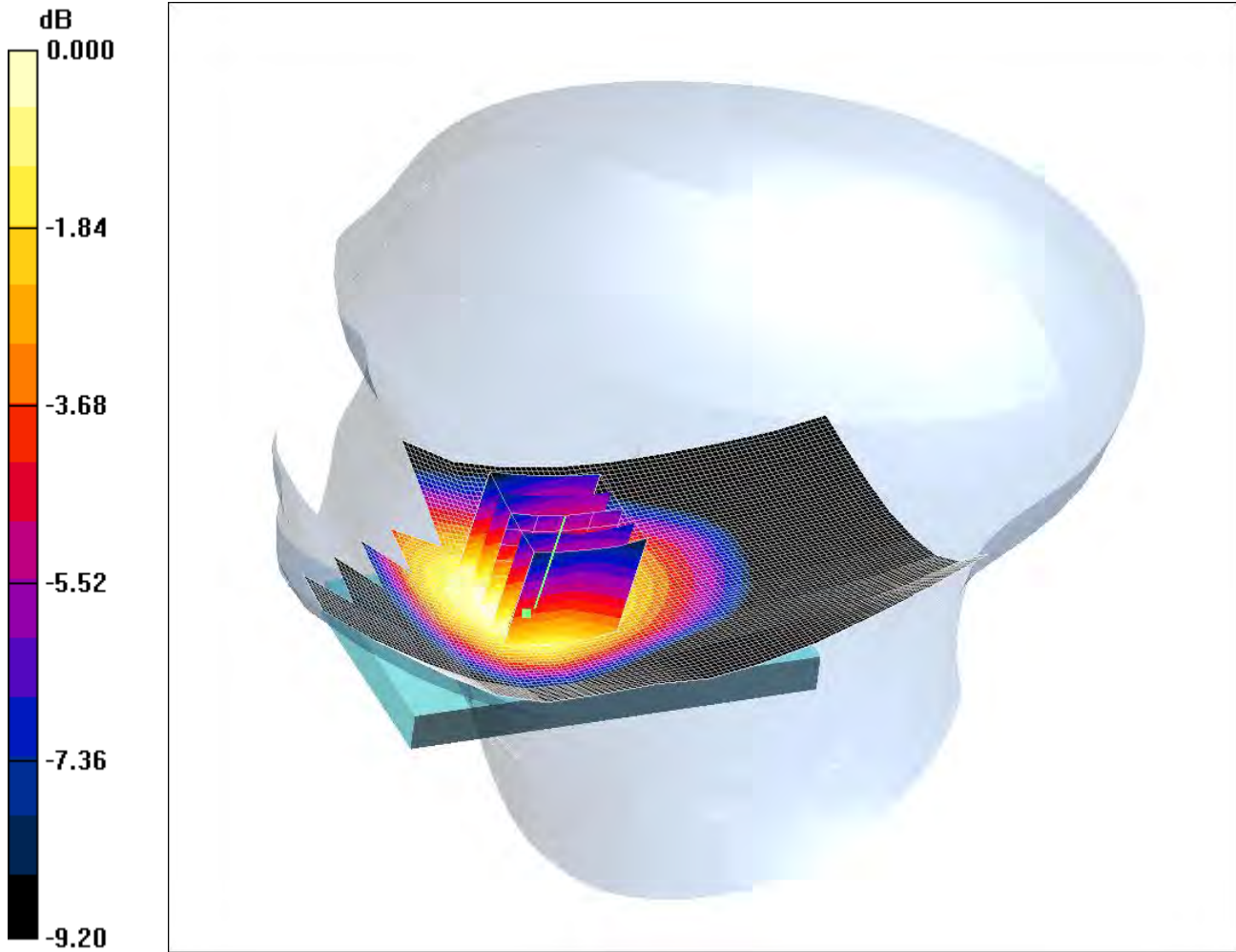
SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 0.954 mW/g

SCN/87693JD02/063: Touch Right UMTS FDD V CH4132

Date: 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.813mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.811 mW/g

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

Reference Value = 11.2 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.892 W/kg

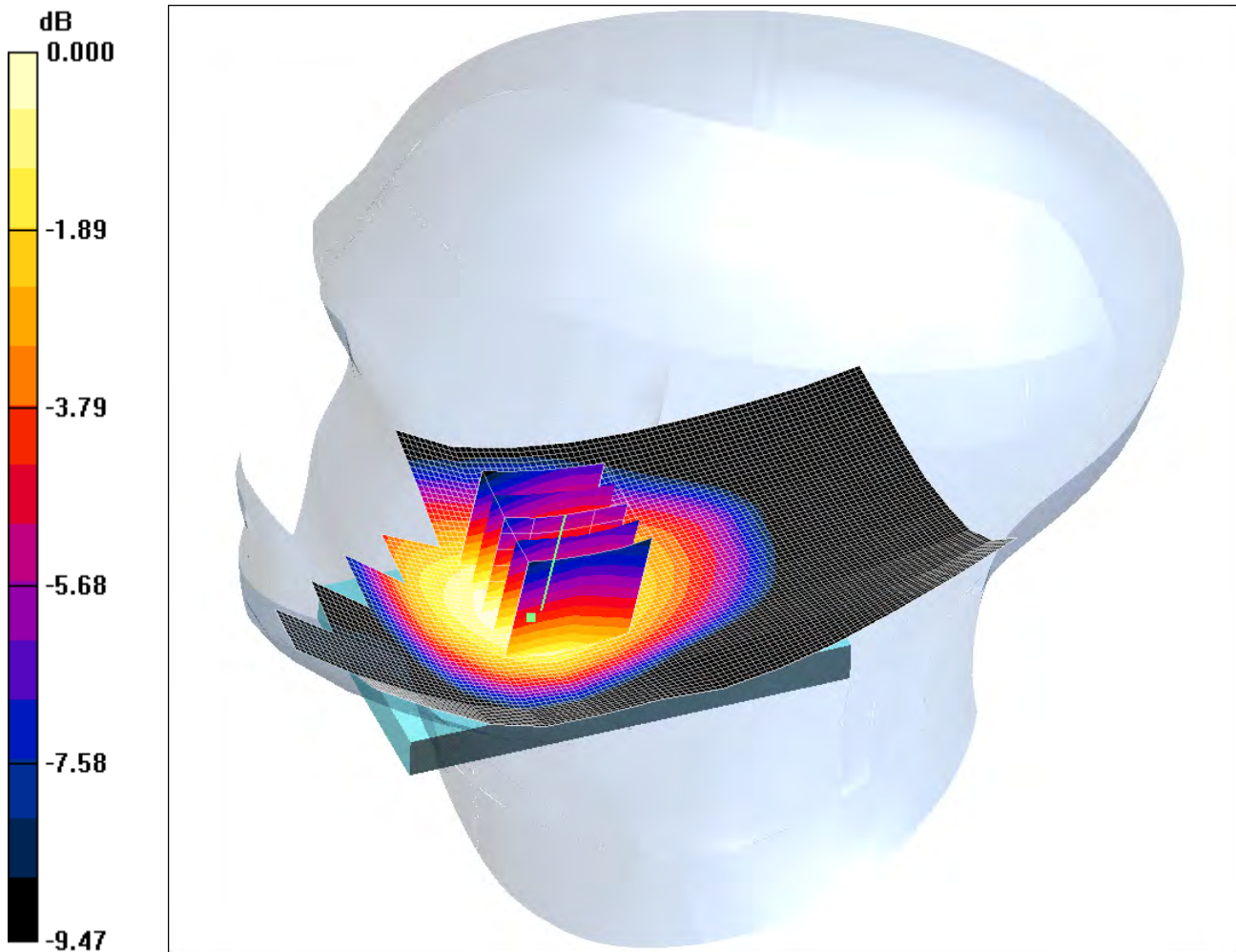
SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 0.813 mW/g

SCN/87693JD02/064: Touch Right UMTS FDD V CH4233

Date: 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 1.11mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Touch Left - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

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

Reference Value = 13.1 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.23 W/kg

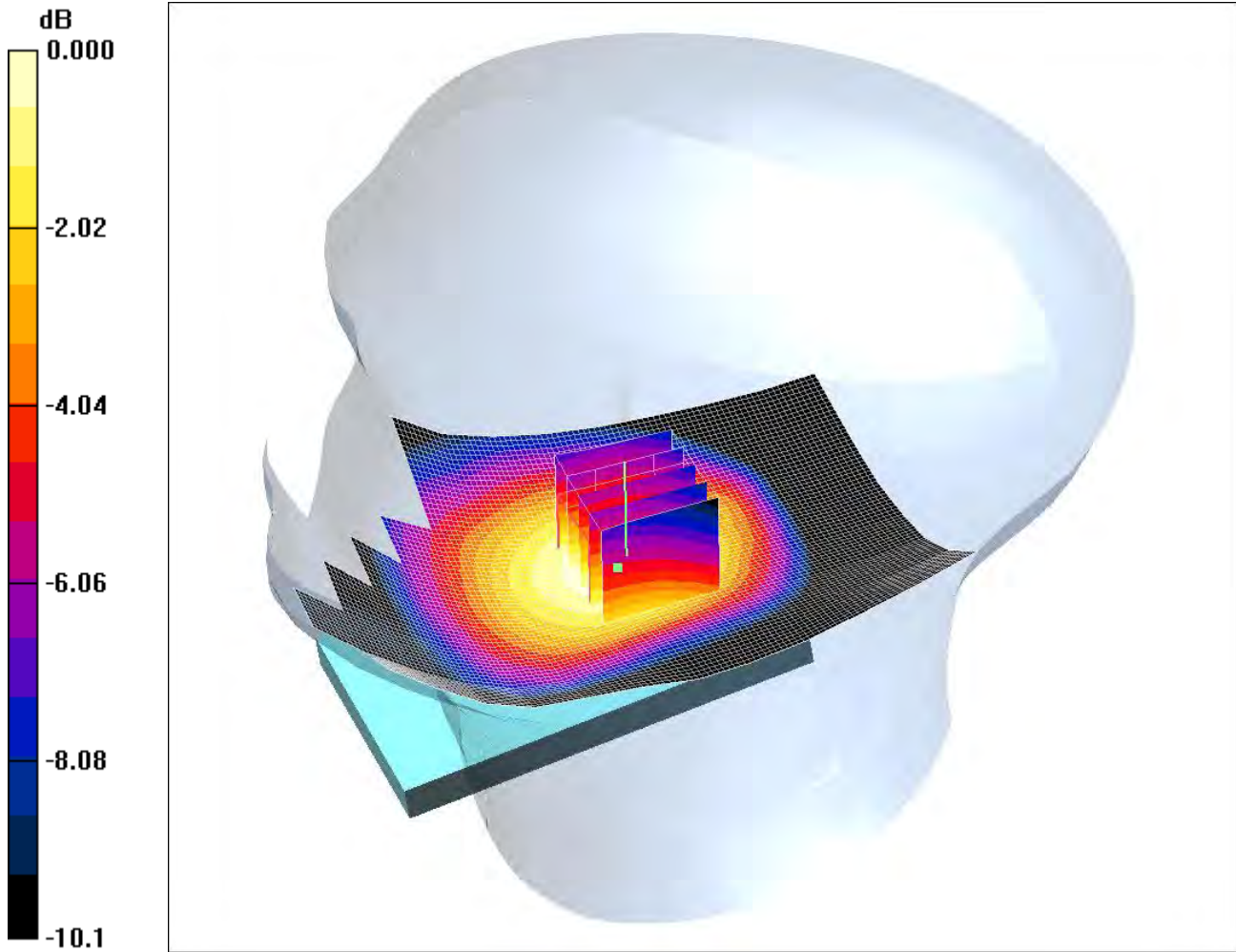
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.756 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

SCN/87693JD02/065: Tilt Right UMTS FDD V CH4183

Date: 28/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.677mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.680 mW/g

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

Reference Value = 19.5 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.770 W/kg

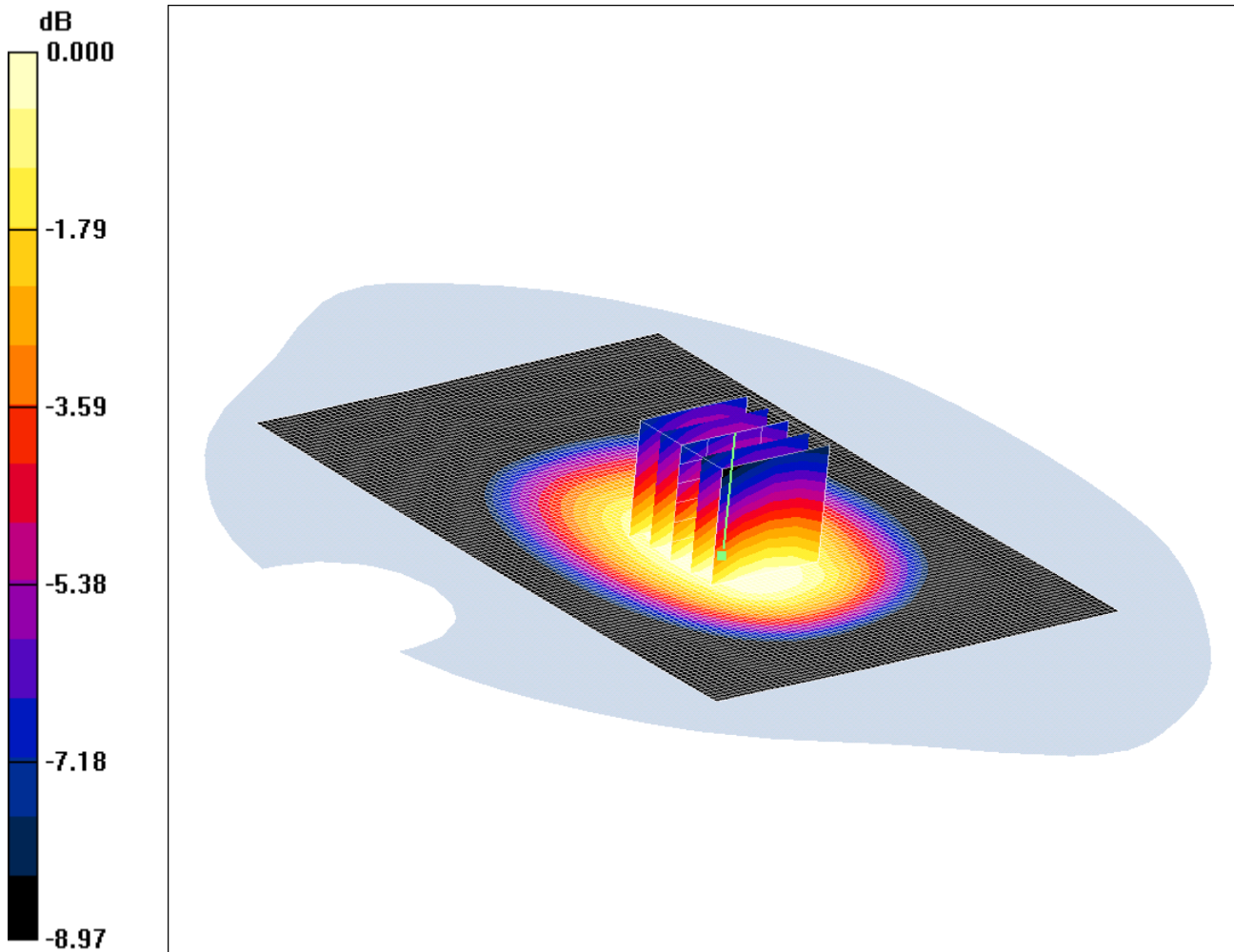
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.677 mW/g

SCN/87693JD02/066: Front of EUT Facing Phantom UMTS FDD V CH4183

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.370mW/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; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.385 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 18.9 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.422 W/kg

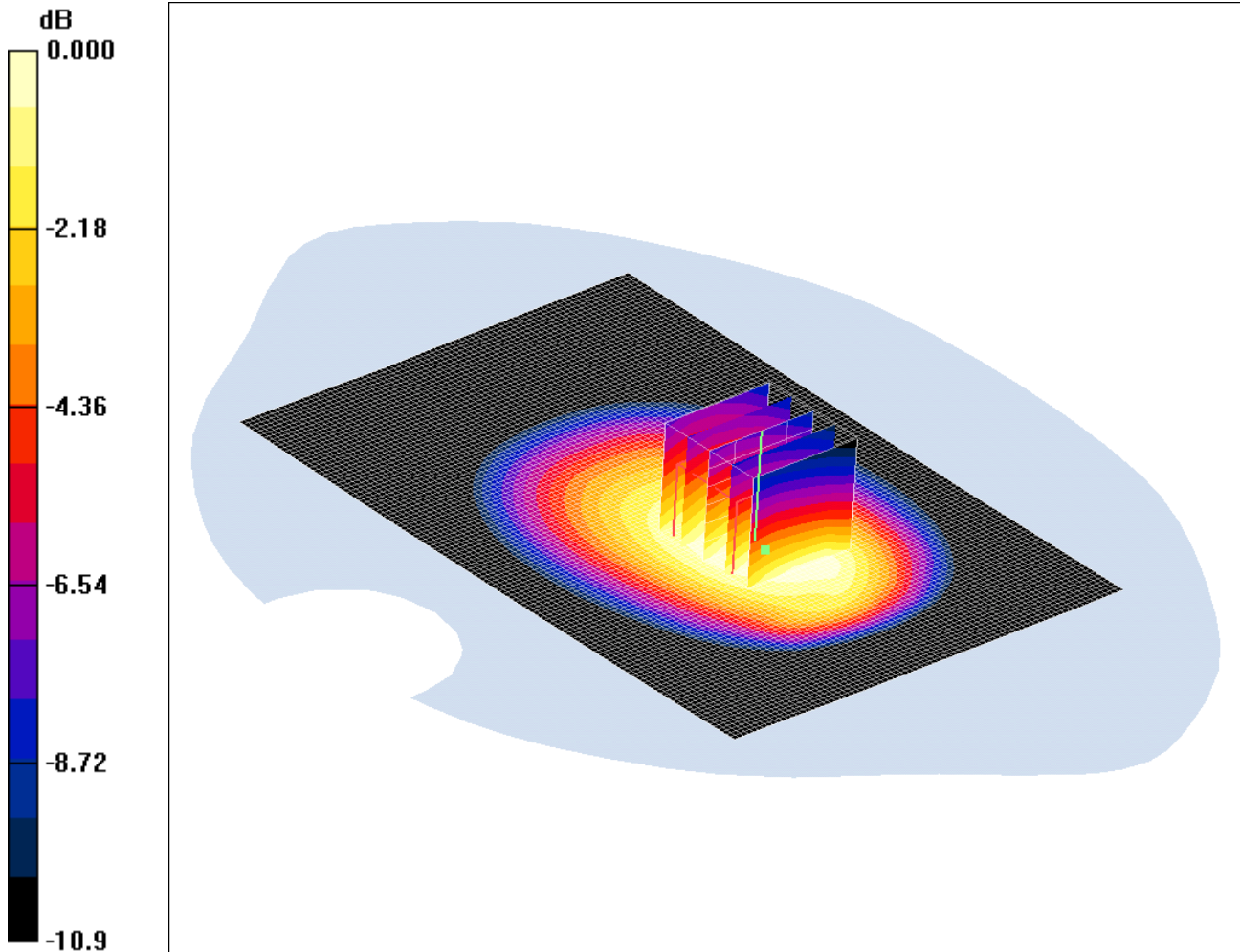
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.370 mW/g

SCN/87693JD02/067: Back of EUT Facing Phantom UMTS FDD V CH4183

Date: 29/05/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.471mW/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; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.474 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 19.8 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.565 W/kg

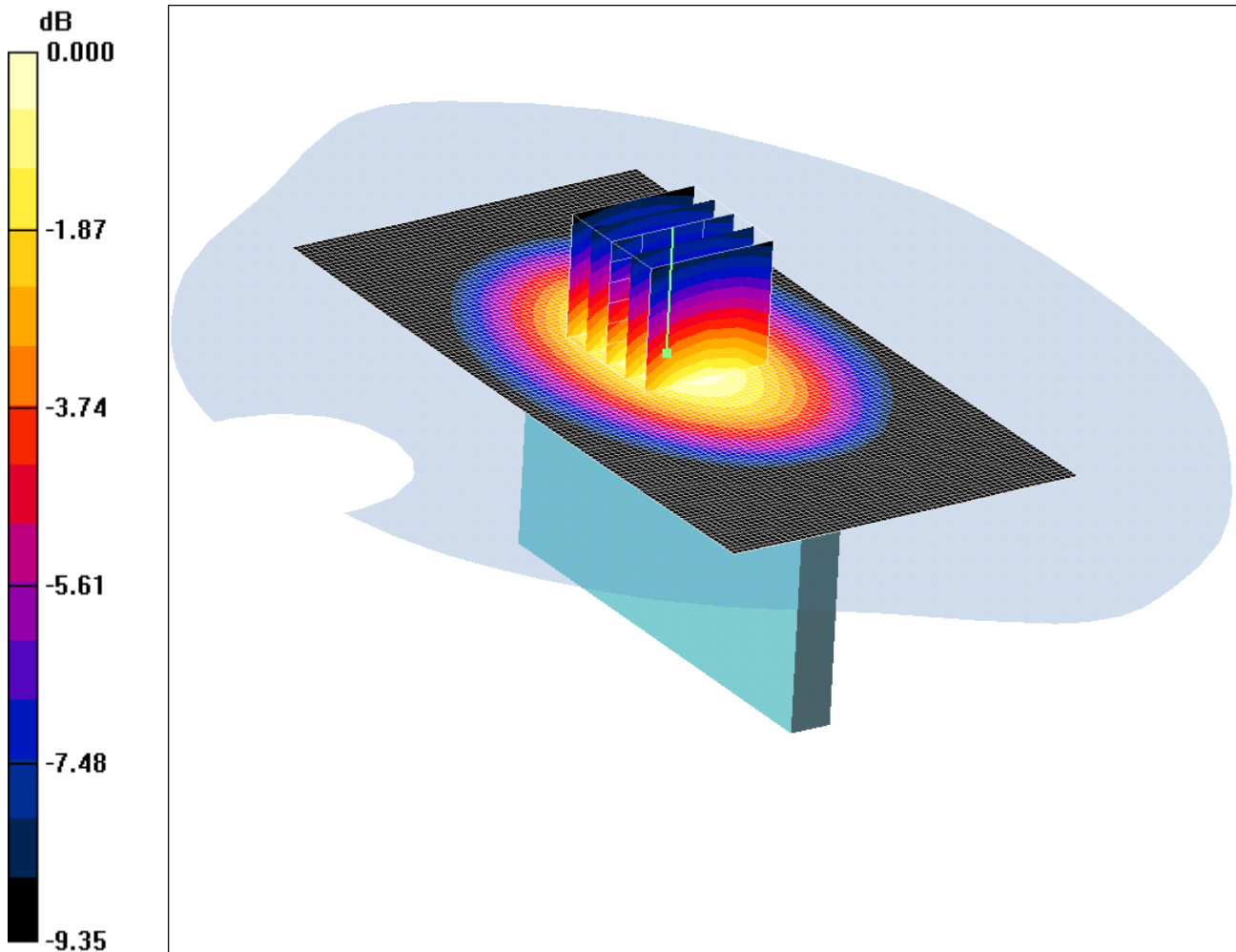
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.471 mW/g

SCN/87693JD02/068: Left Hand Side of EUT Facing Phantom UMTS FDD V CH4183

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.408mW/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; $\sigma = 0.971$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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) = 0.414 mW/g

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

Reference Value = 20.5 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.485 W/kg

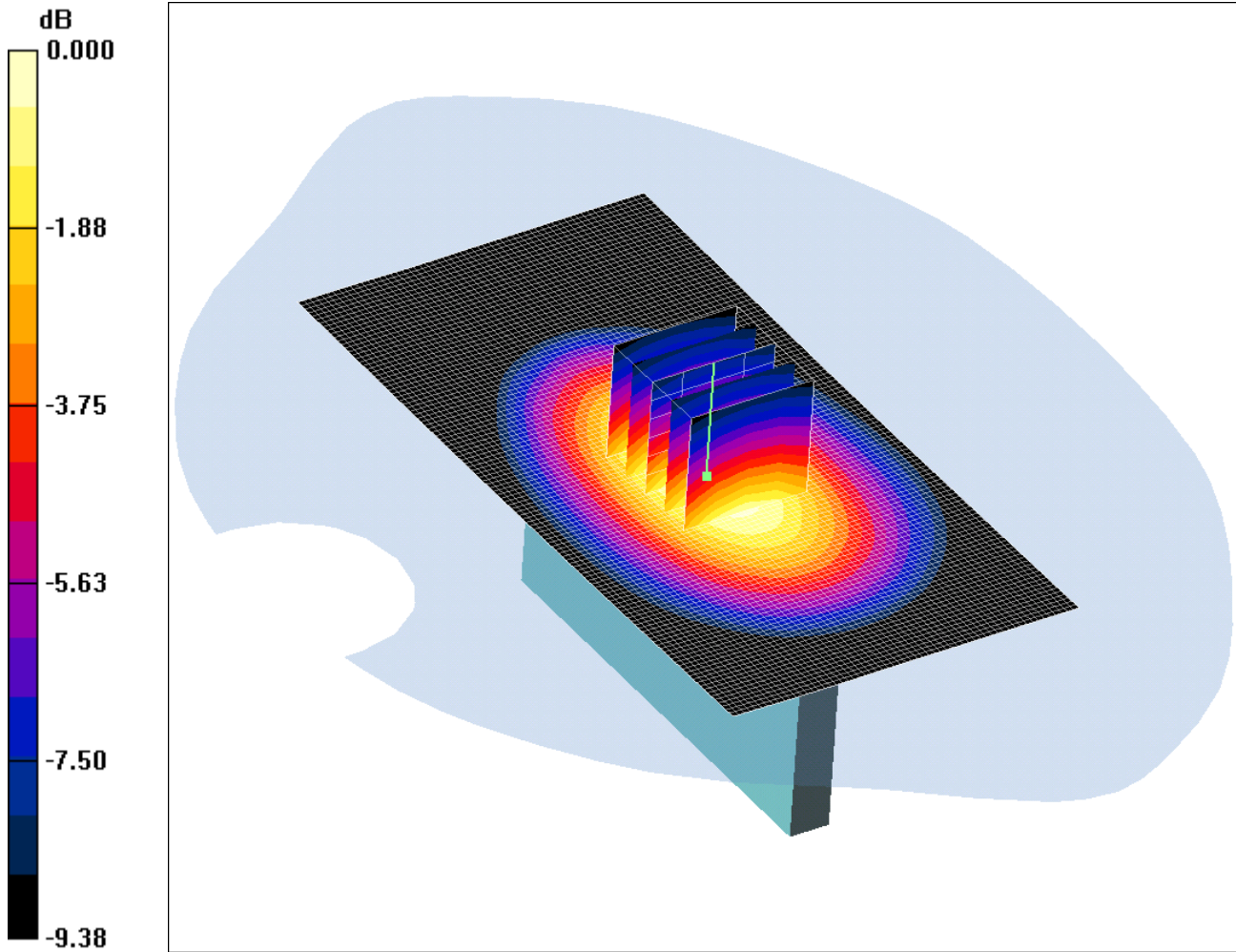
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.408 mW/g

SCN/87693JD02/069: Right Hand Side of EUT Facing Phantom UMTS FDD V CH4183

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.403mW/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; $\sigma = 0.971$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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) = 0.400 mW/g

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

Reference Value = 20.1 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.488 W/kg

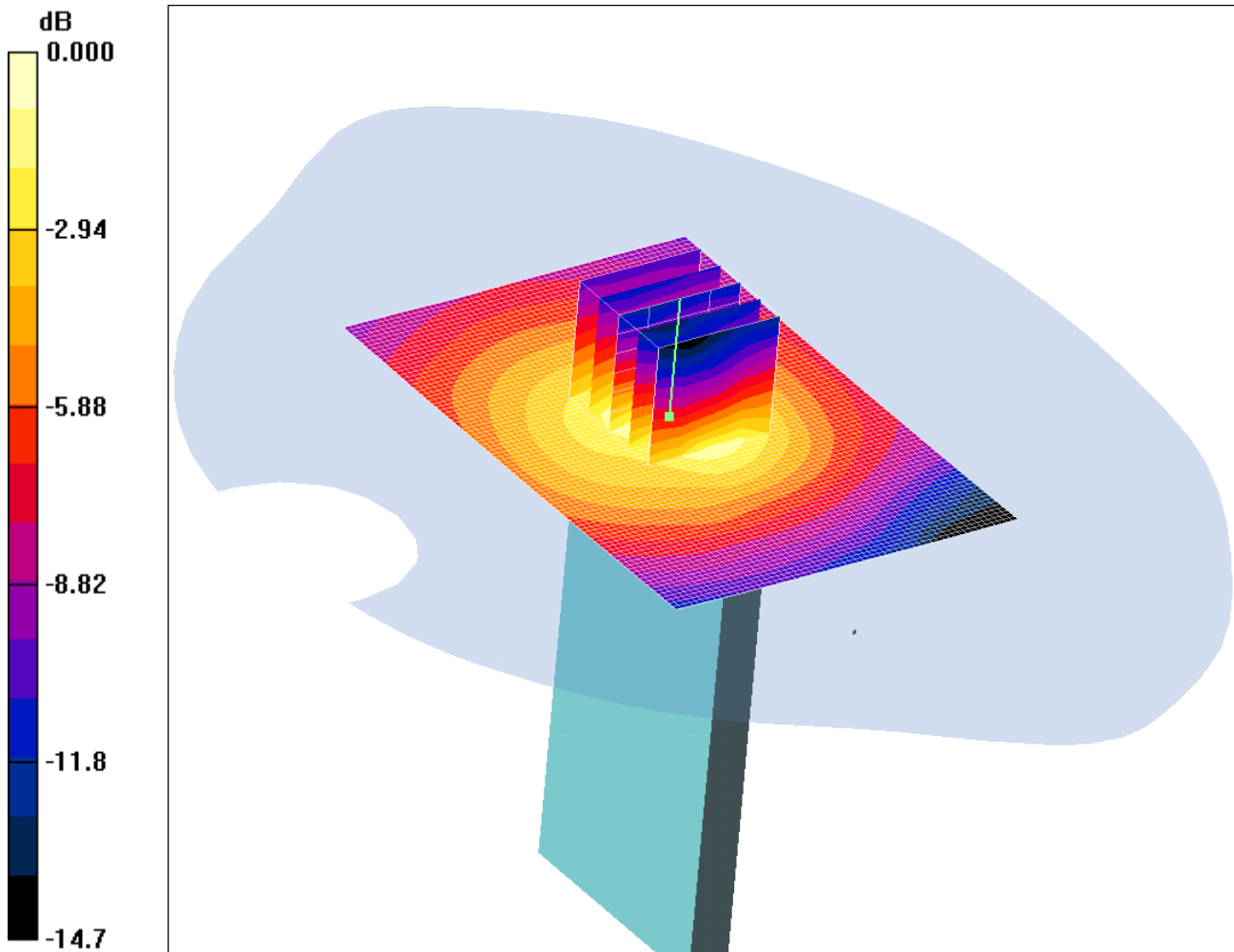
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.403 mW/g

SCN/87693JD02/070: Bottom of EUT Facing Phantom UMTS FDD V CH4183

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.065mW/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; $\sigma = 0.971$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.93 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.092 W/kg

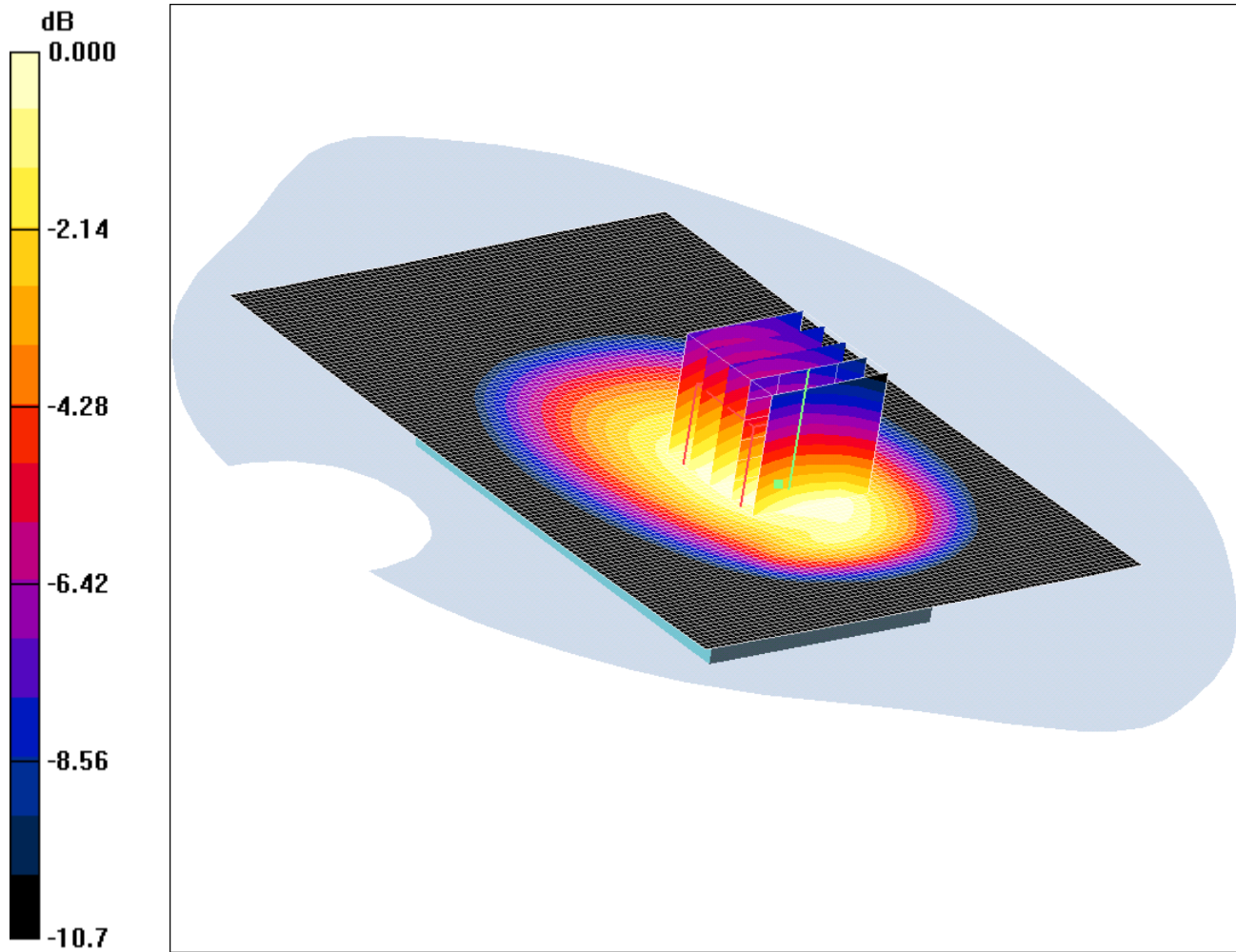
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.030 mW/g

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

SCN/87693JD02/071: Back of EUT Facing Phantom UMTS FDD V CH4132

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.410mW/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; $\sigma = 0.966$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.415 mW/g

Back of EUT Facing Phantom - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.491 W/kg

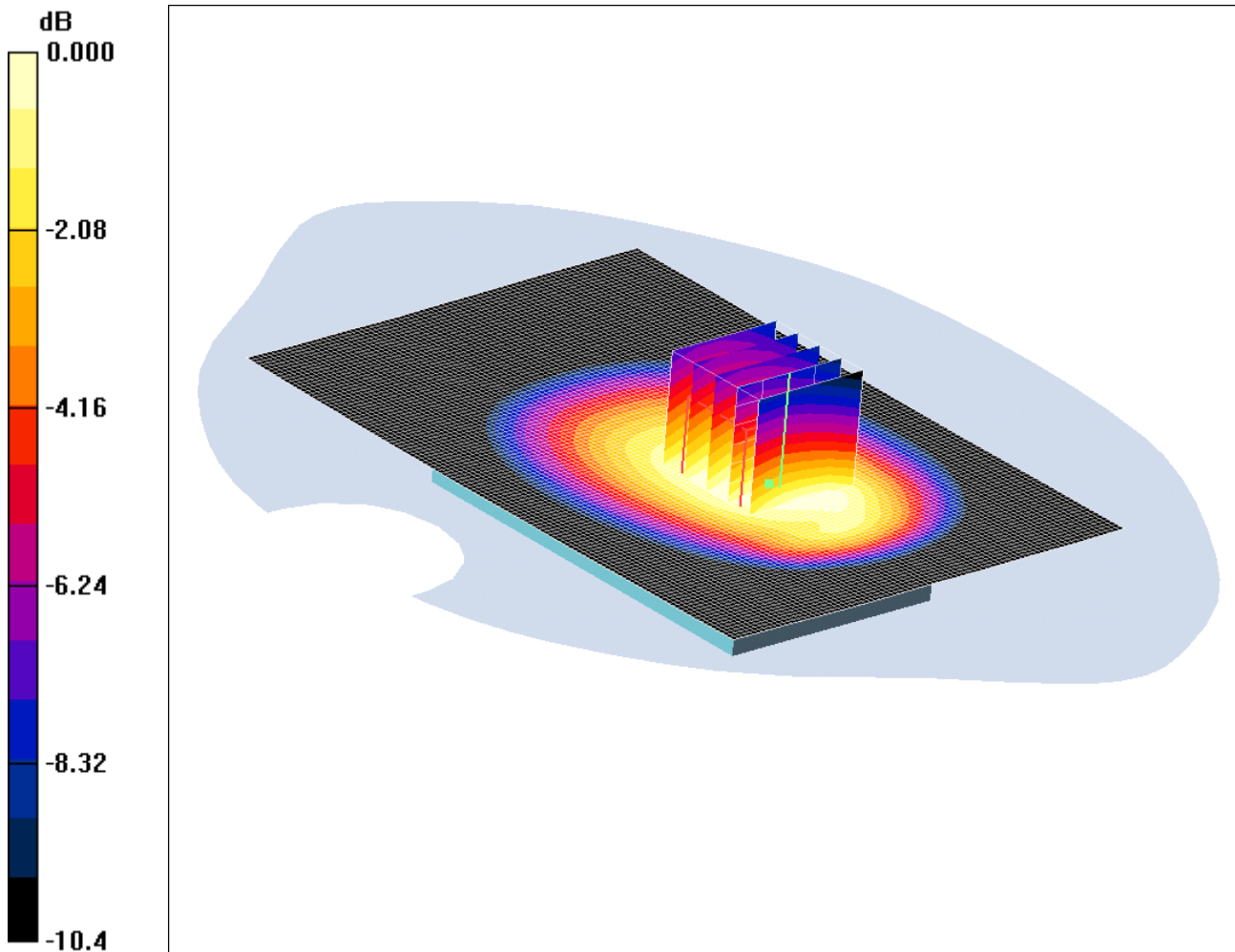
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.410 mW/g

SCN/87693JD02/072: Back of EUT Facing Phantom UMTS FDD V CH4233

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.485mW/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; $\sigma = 0.976$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.496 mW/g

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

Reference Value = 20.2 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.572 W/kg

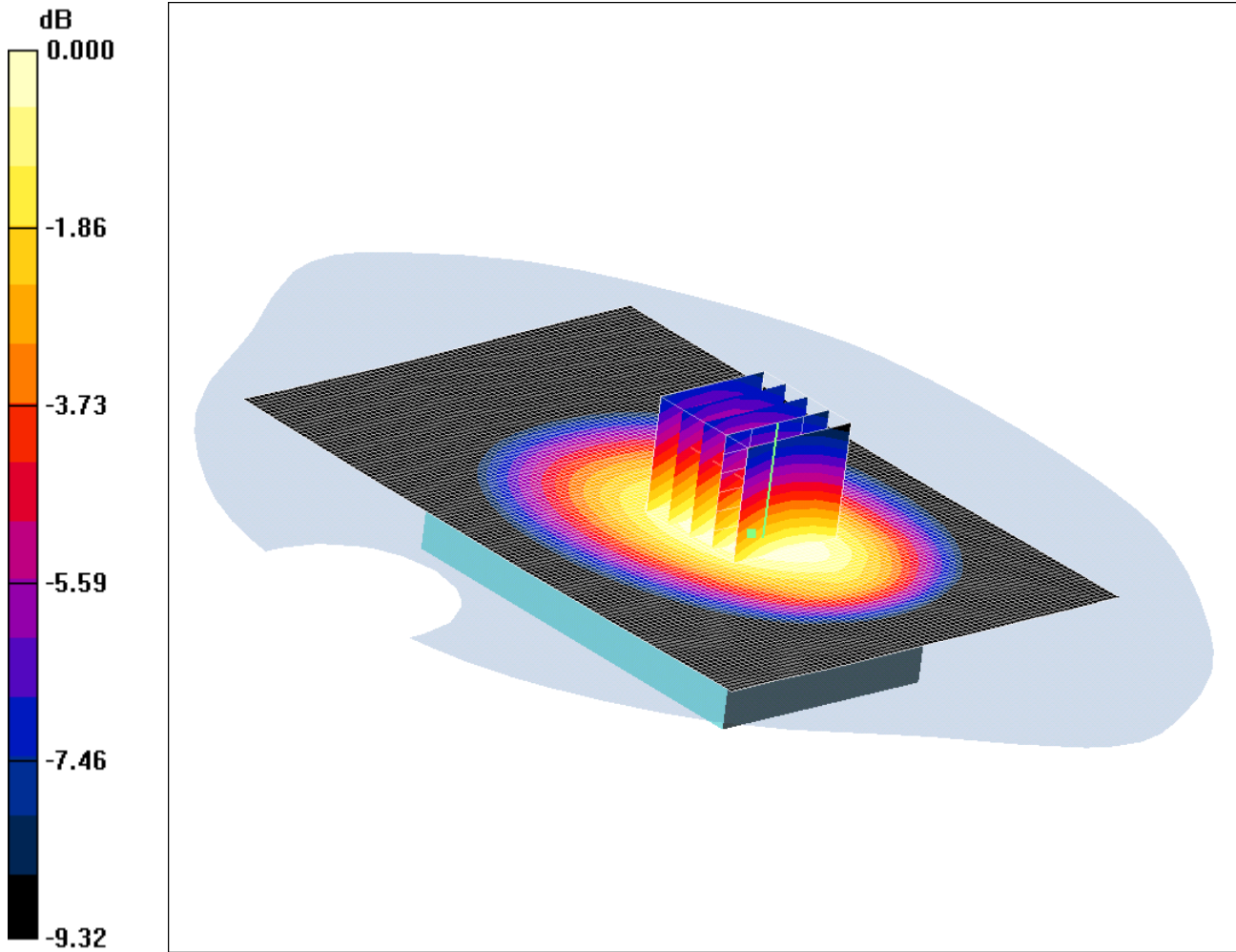
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.485 mW/g

SCN/87693JD02/073: Back of EUT Facing Phantom at 15mm UMTS FDD V CH4183

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 1.00mW/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; $\sigma = 0.971$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

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

Back of EUT Facing Phantom at 15mm - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.17 W/kg

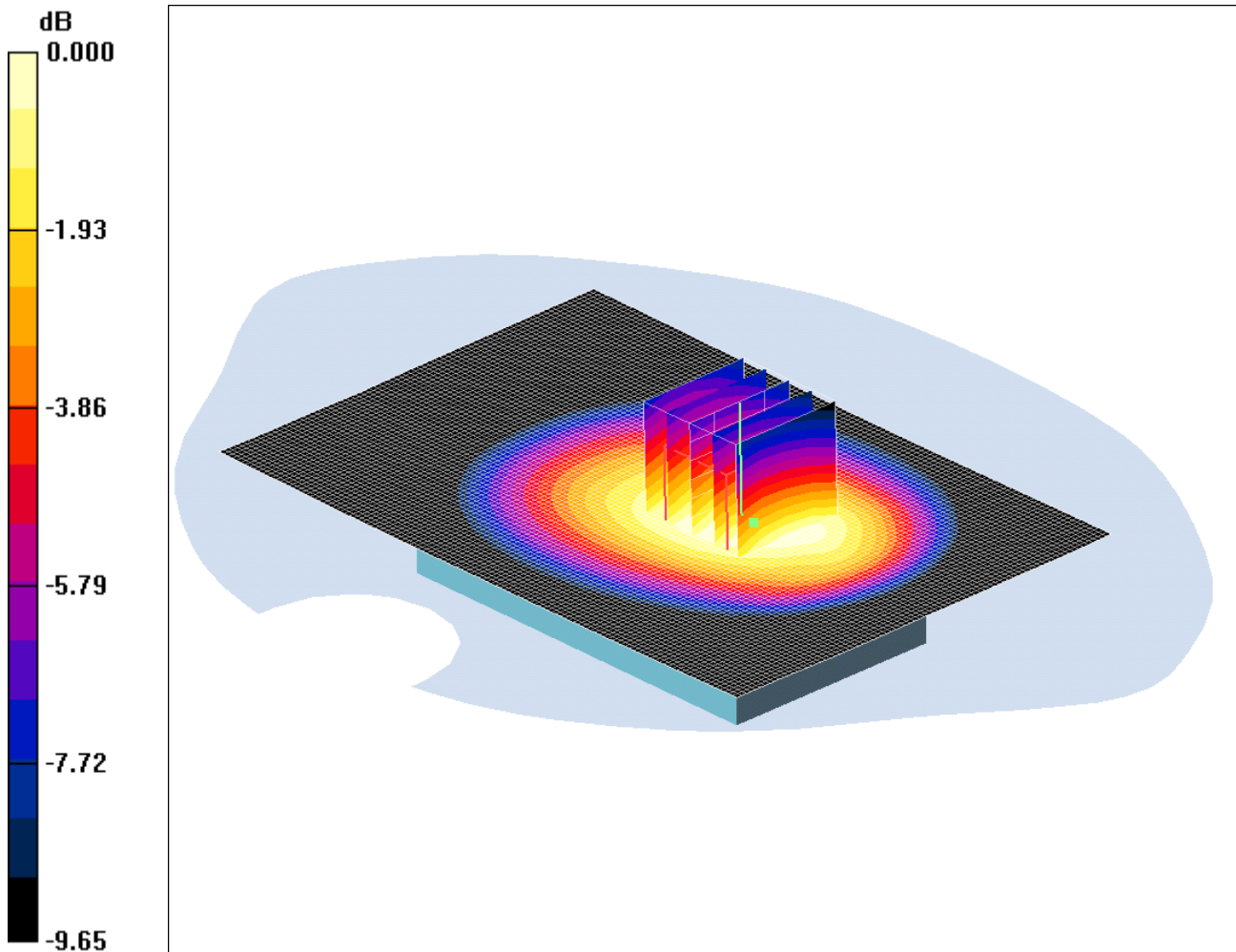
SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.646 mW/g

Maximum value of SAR (measured) = 1.00 mW/g

SCN/87693JD02/074: Back of EUT Facing Phantom at 15mm UMTS FDD V CH4132

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.851mW/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; $\sigma = 0.966$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Back of EUT Facing Phantom at 15mm - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.869 mW/g

Back of EUT Facing Phantom at 15mm - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.994 W/kg

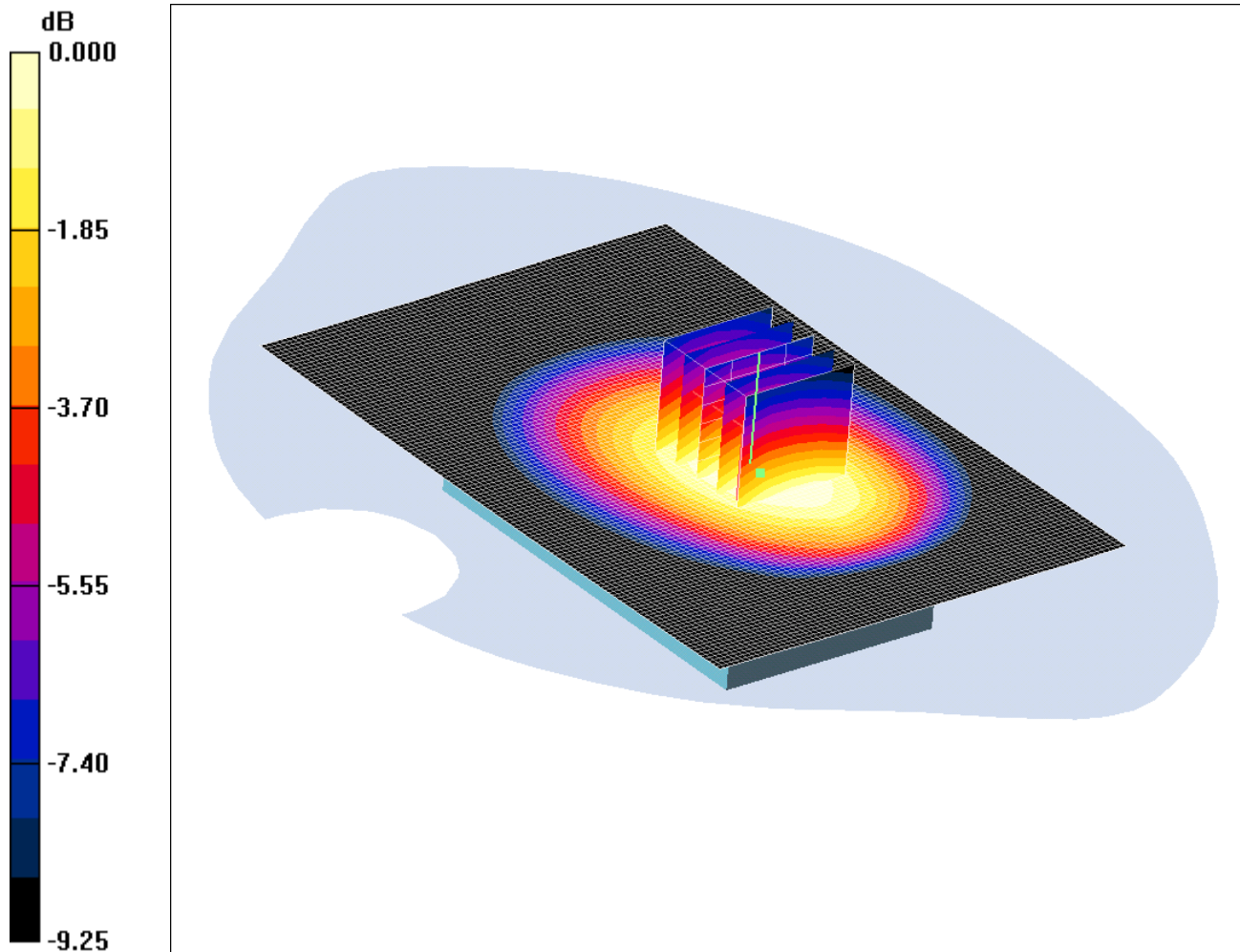
SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.552 mW/g

Maximum value of SAR (measured) = 0.851 mW/g

SCN/87693JD02/075: Back of EUT Facing Phantom at 15mm UMTS FDD V CH4233

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 1.12mW/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; $\sigma = 0.976$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Back of EUT Facing Phantom at 15mm - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

Back of EUT Facing Phantom at 15mm - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.0 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 1.31 W/kg

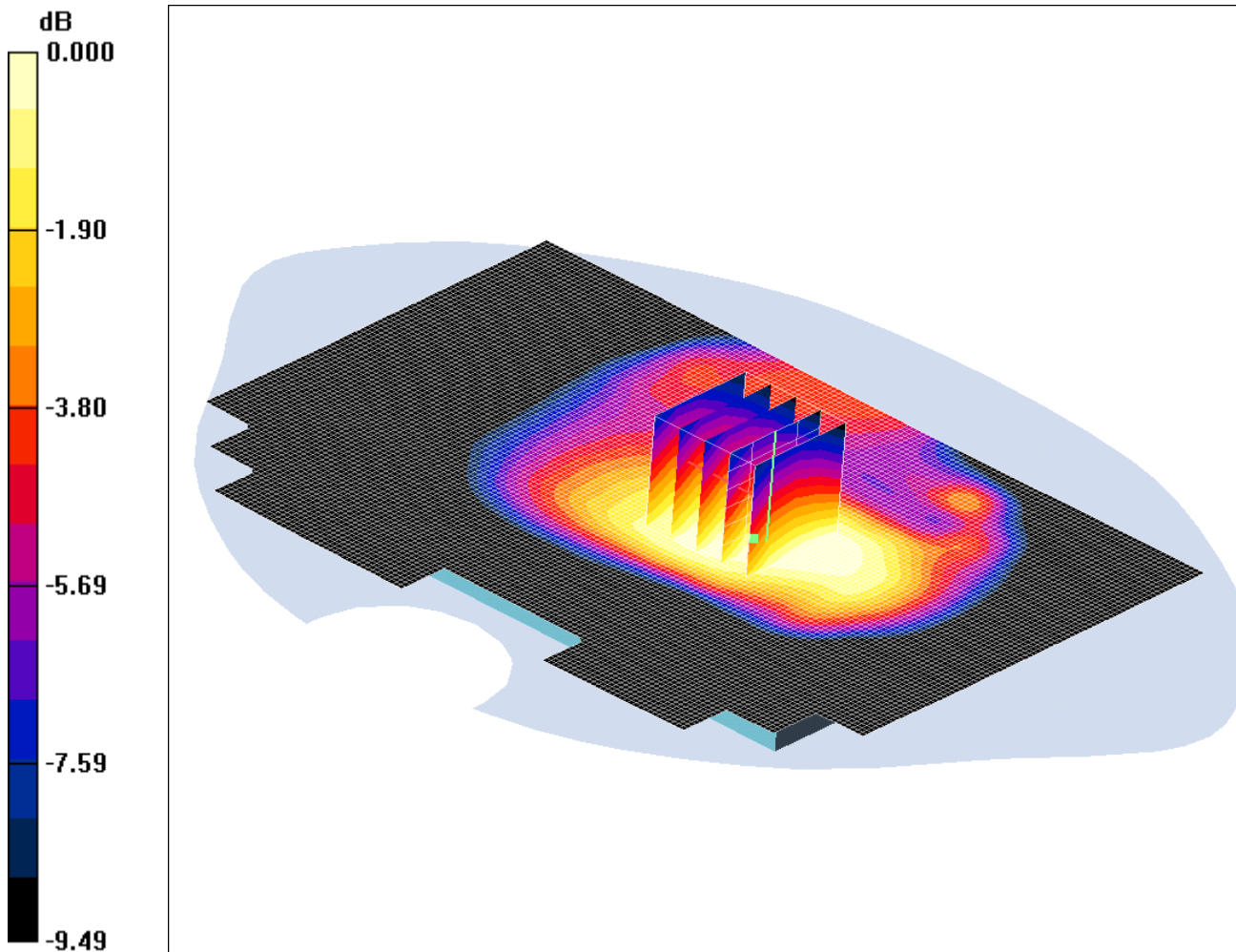
SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.728 mW/g

Maximum value of SAR (measured) = 1.12 mW/g

SCN/87693JD02/076: Back of EUT Facing Phantom at 15mm with PHF UMTS FDD V CH4233

Date: 30/05/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.879mW/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; $\sigma = 0.976$ mho/m; $\epsilon_r = 55.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Back of EUT Facing Phantom at 15mm with PHF - High/Area Scan (101x141x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 mW/g

Back of EUT Facing Phantom at 15mm with PHF - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.02 W/kg

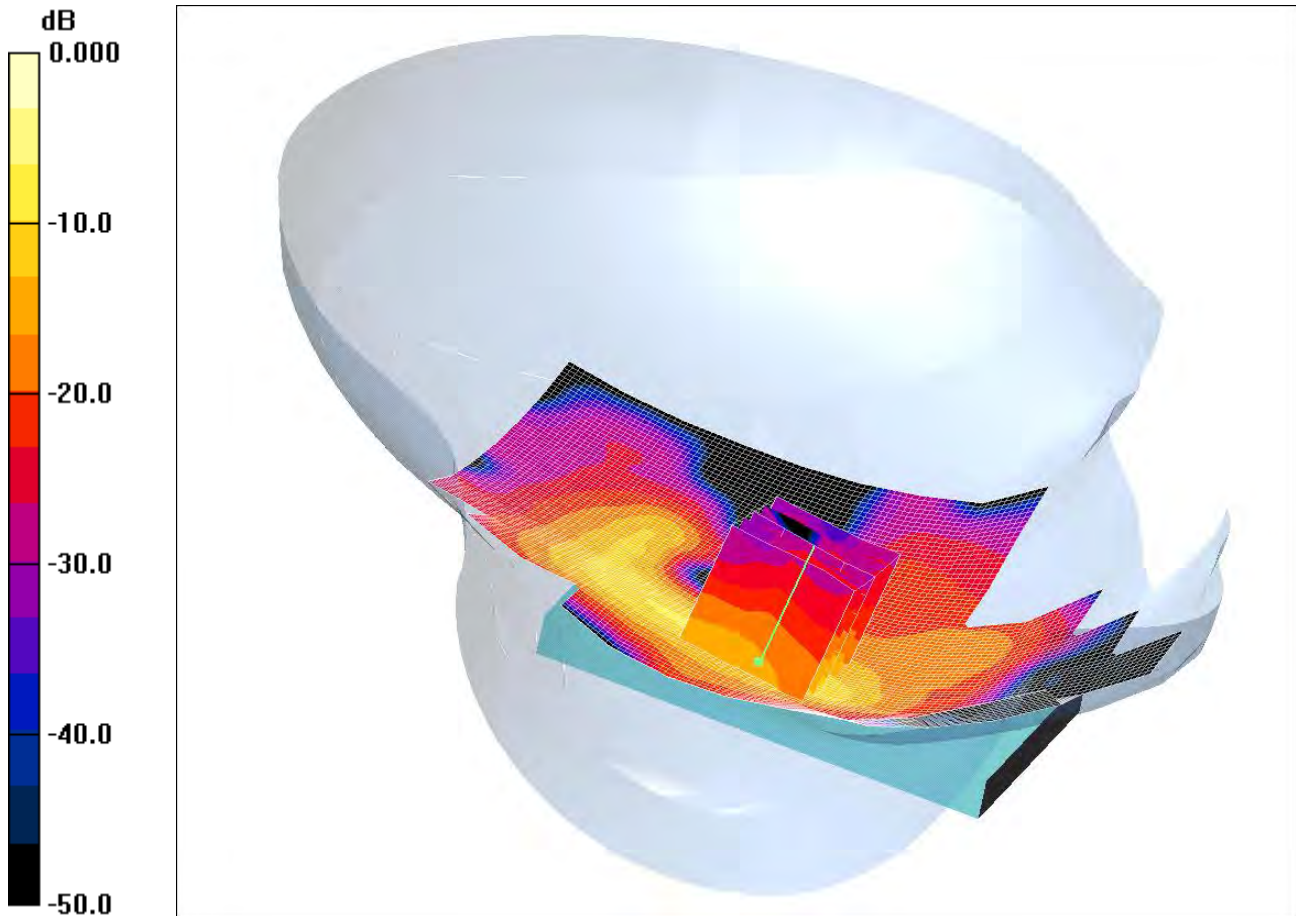
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 0.879 mW/g

SCN/87693JD02/077: Touch Left WLAN 802.11b 1Mbps CH6

Date: 01/06/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.800mW/g

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.33 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.161 W/kg

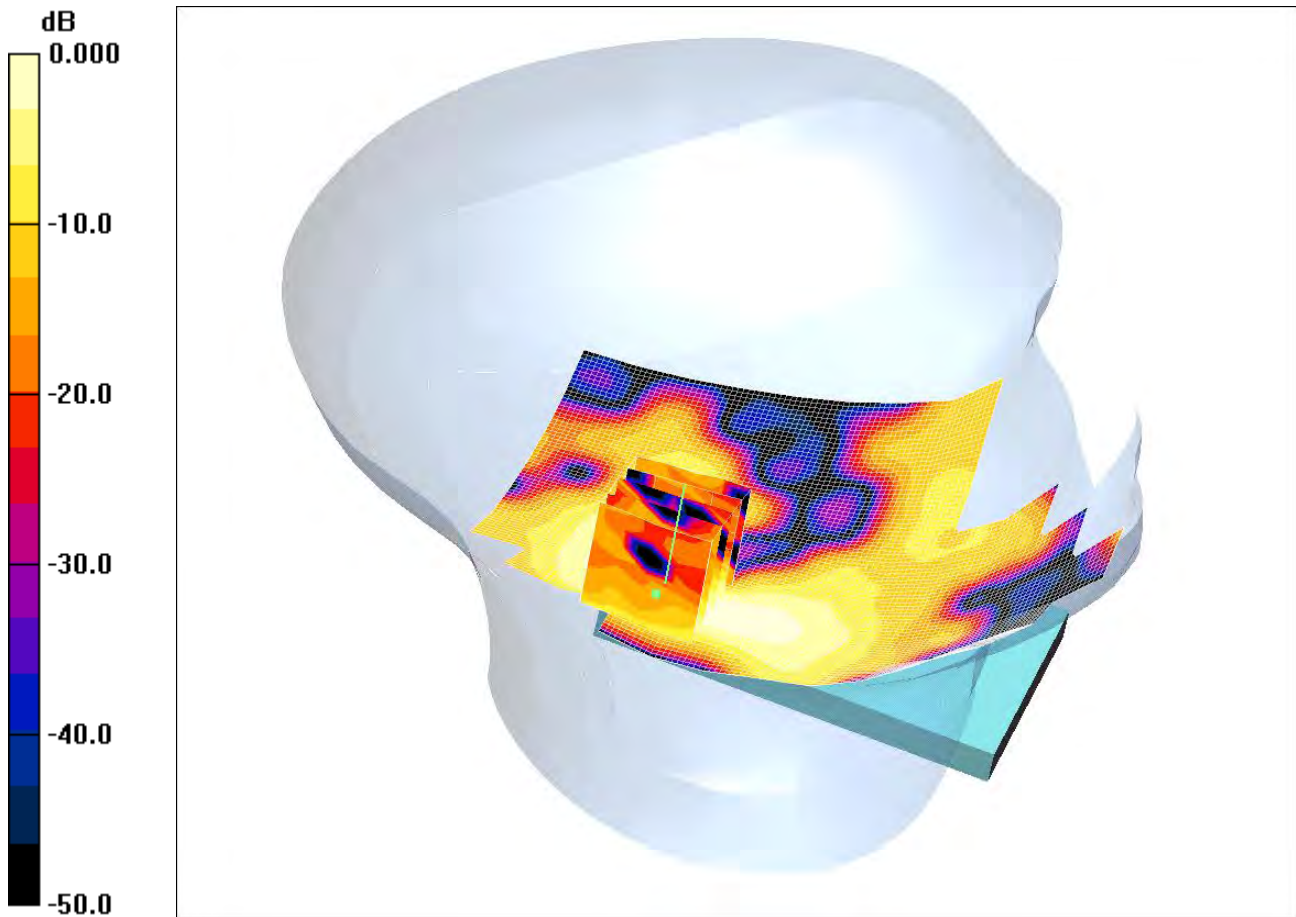
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.095 mW/g

SCN/87693JD02/078: Tilt Left WLAN 802.11b 1Mbps CH6

Date: 01/06/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.031mW/g

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 3.42 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.040 W/kg

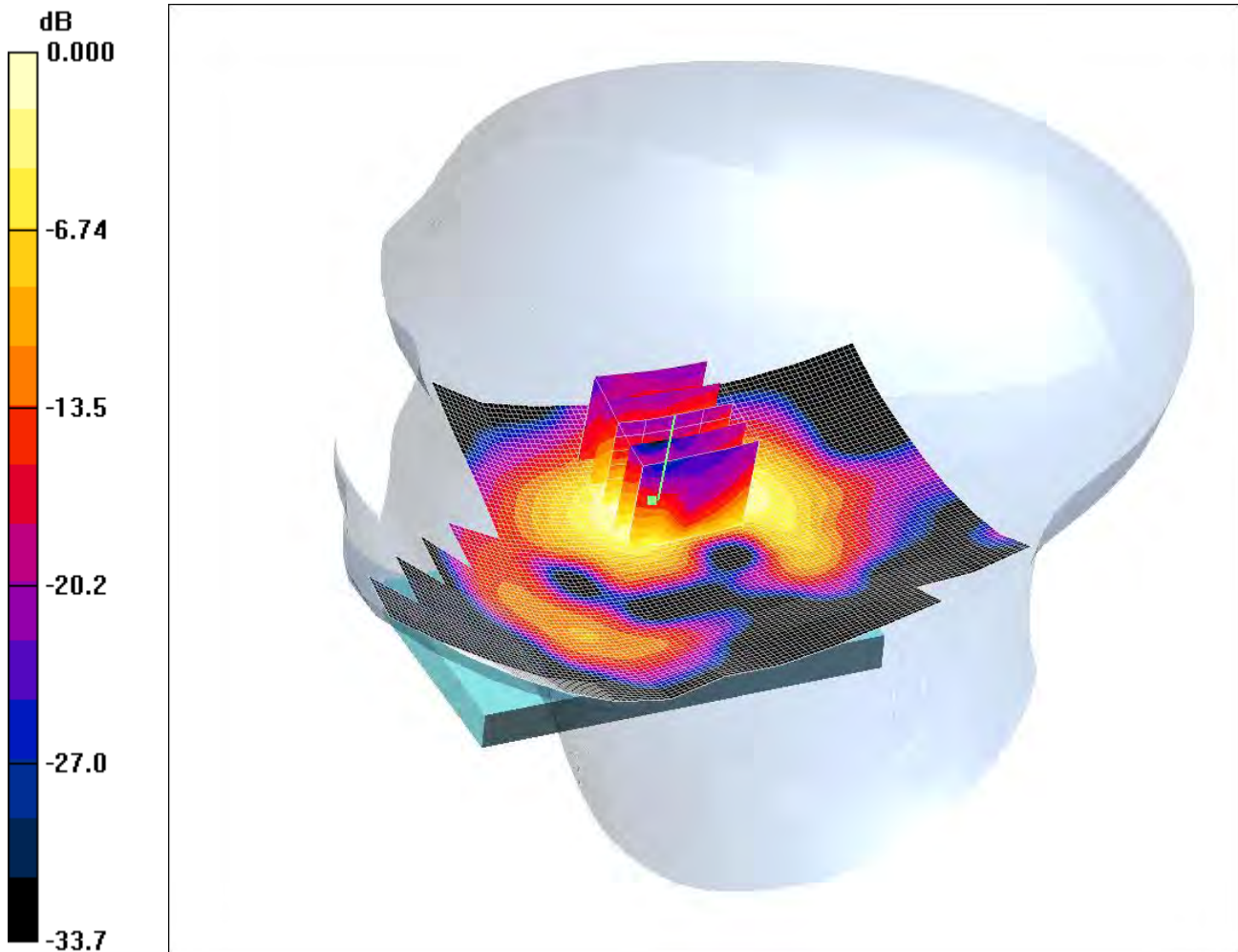
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00889 mW/g

Maximum value of SAR (measured) = 0.031 mW/g

SCN/87693JD02/079: Touch Right WLAN 802.11b 1Mbps CH6

Date: 01/06/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.245mW/g

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.289 mW/g

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

Reference Value = 5.02 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.361 W/kg

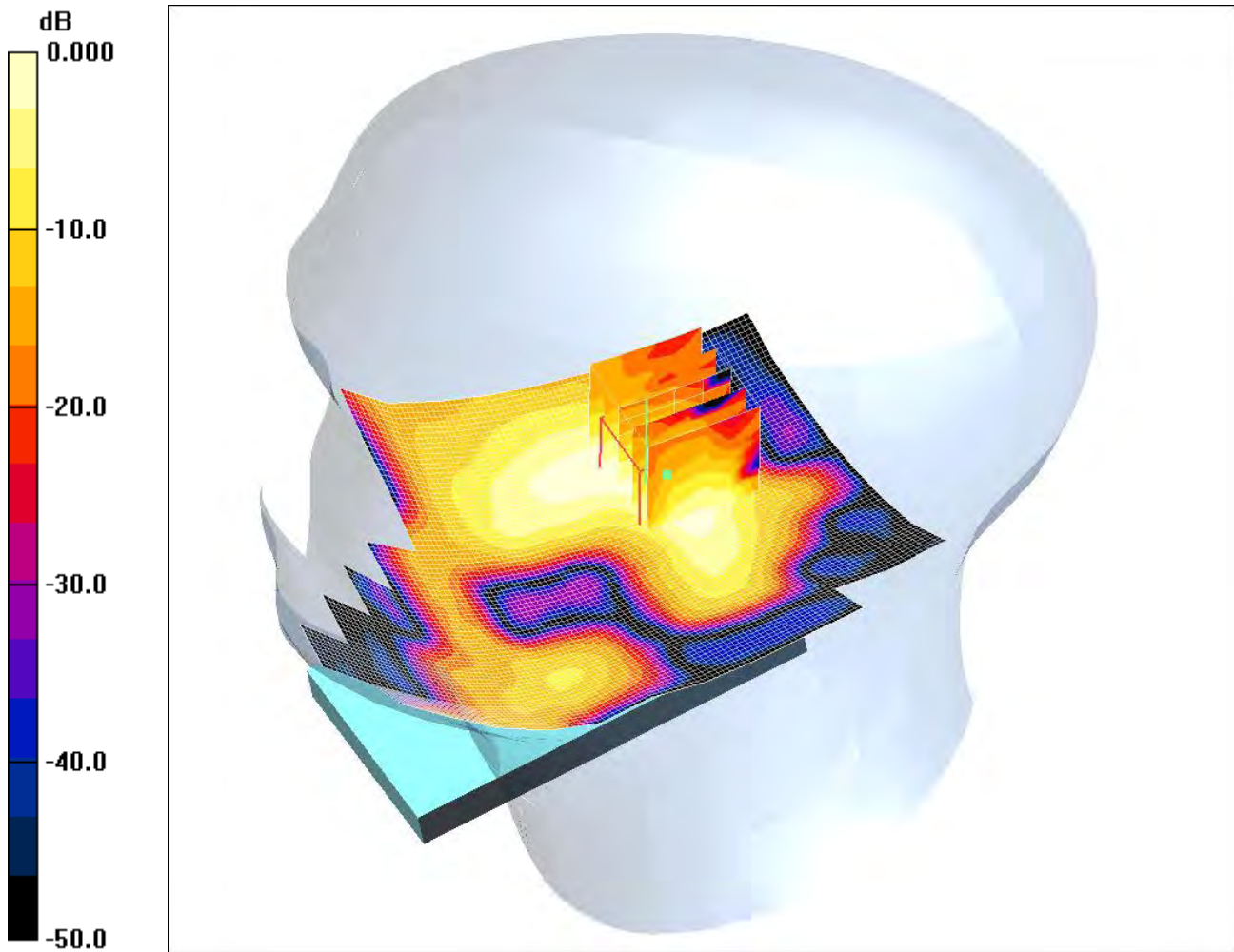
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

SCN/87693JD02/080: Tilt Right WLAN 802.11b 1Mbps CH6

Date: 01/06/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.059mW/g

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.068 mW/g

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

Reference Value = 4.61 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.088 W/kg

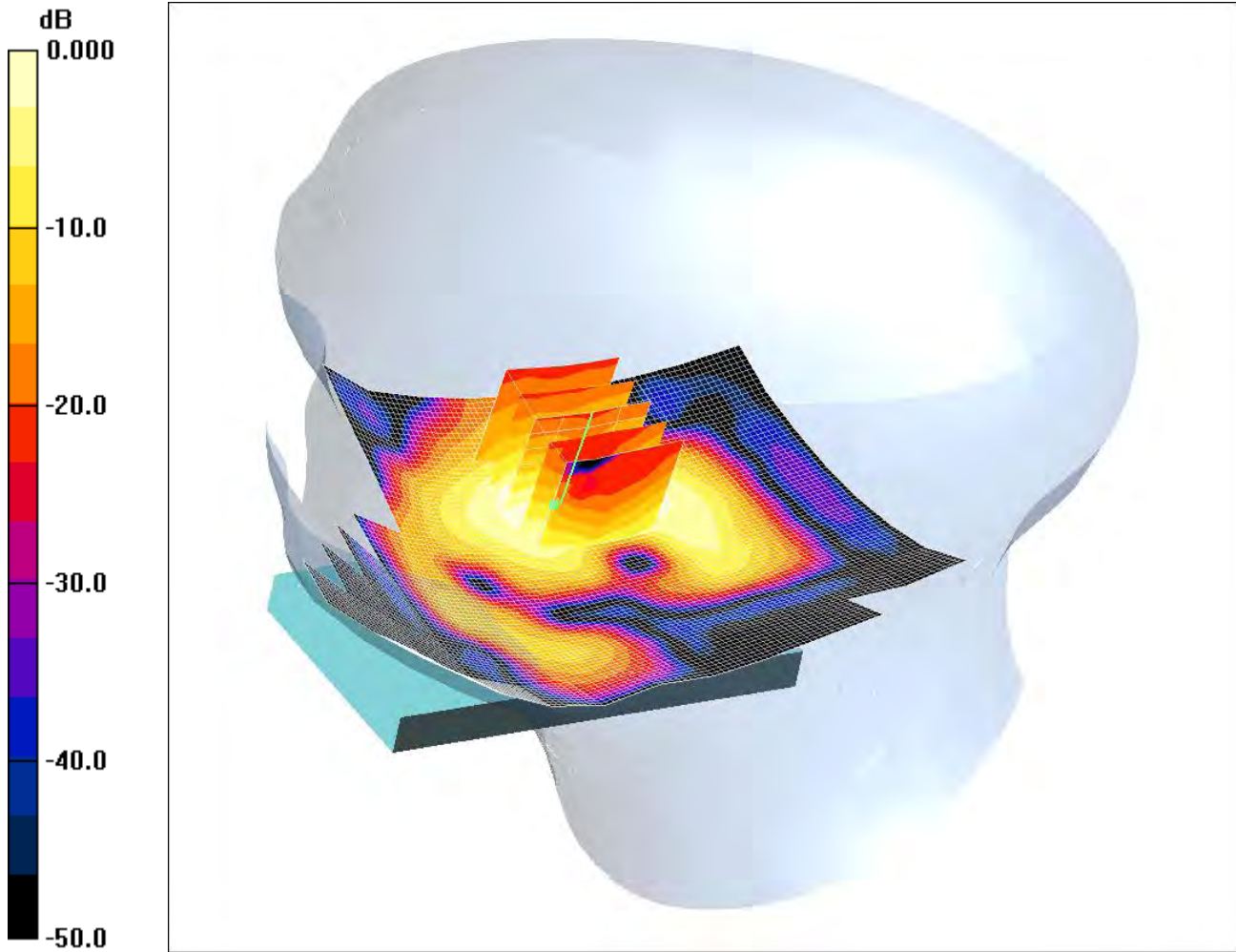
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.059 mW/g

SCN/87693JD02/081: Touch Right WLAN 802.11b 1Mbps CH1

Date: 02/06/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.215mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.255 mW/g

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

Reference Value = 7.94 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 0.333 W/kg

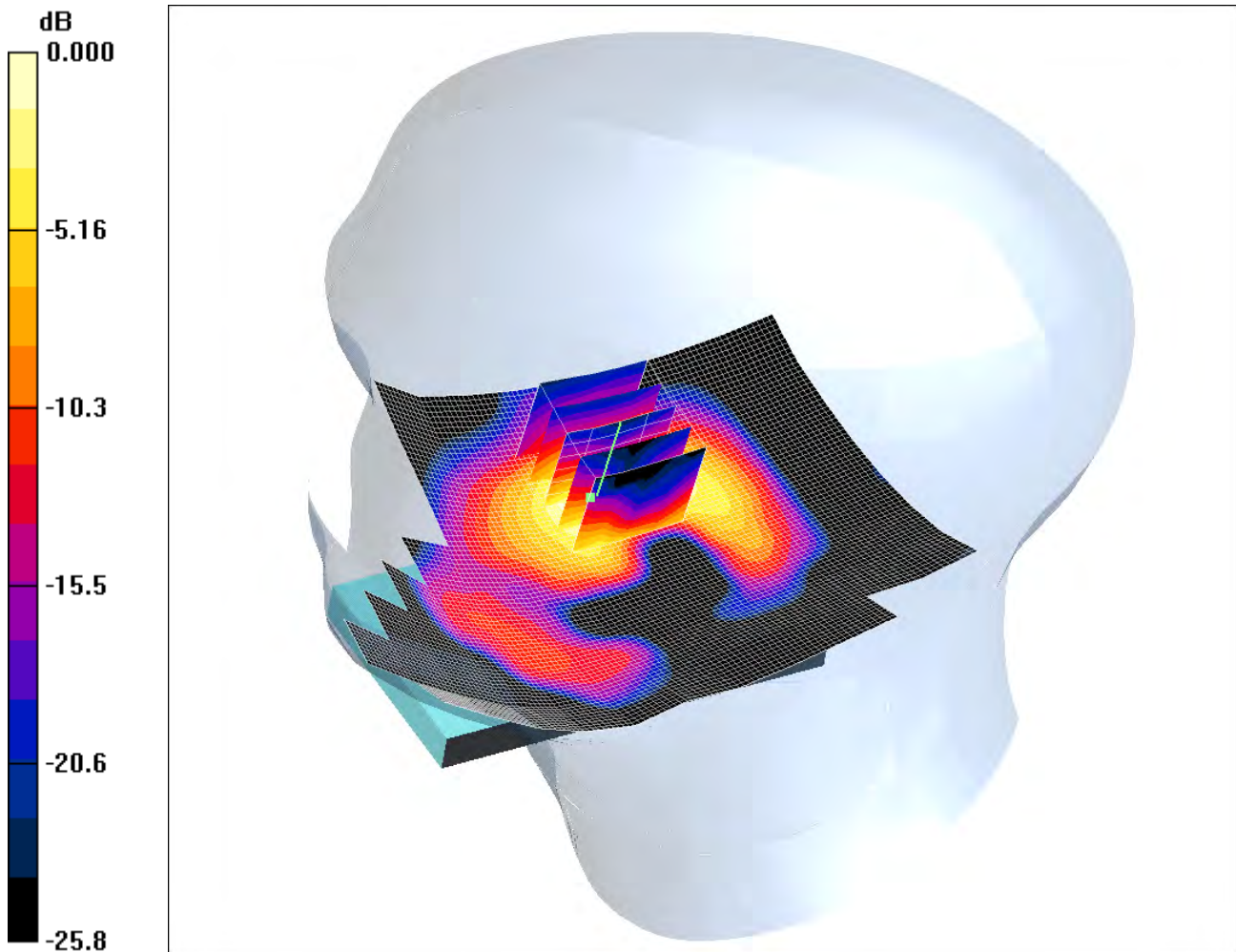
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.215 mW/g

SCN/87693JD02/082: Touch Right WLAN 802.11b 1Mbps CH11

Date: 02/06/2012

DUT: Sony Lotus; Type: Lotus 125;



0 dB = 0.375mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.85$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 - High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.419 mW/g

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

Reference Value = 9.55 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.577 W/kg

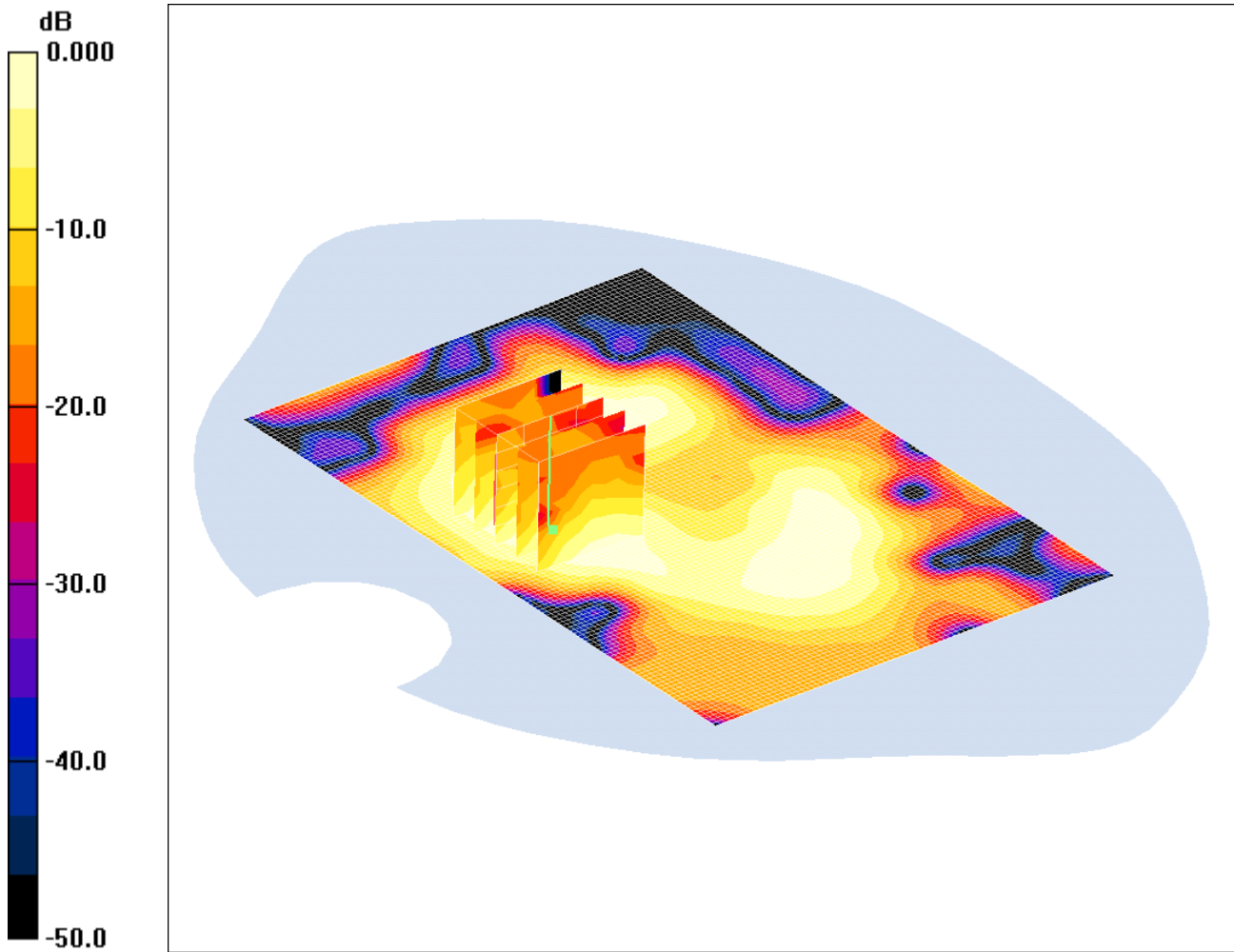
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.375 mW/g

SCN/87693JD02/083: Front of EUT Facing Phantom WLAN 802.11b 1Mbps CH6

Date: 01/06/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.047mW/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/m³

Phantom section: Flat Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.049 mW/g

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

Reference Value = 4.45 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.068 W/kg

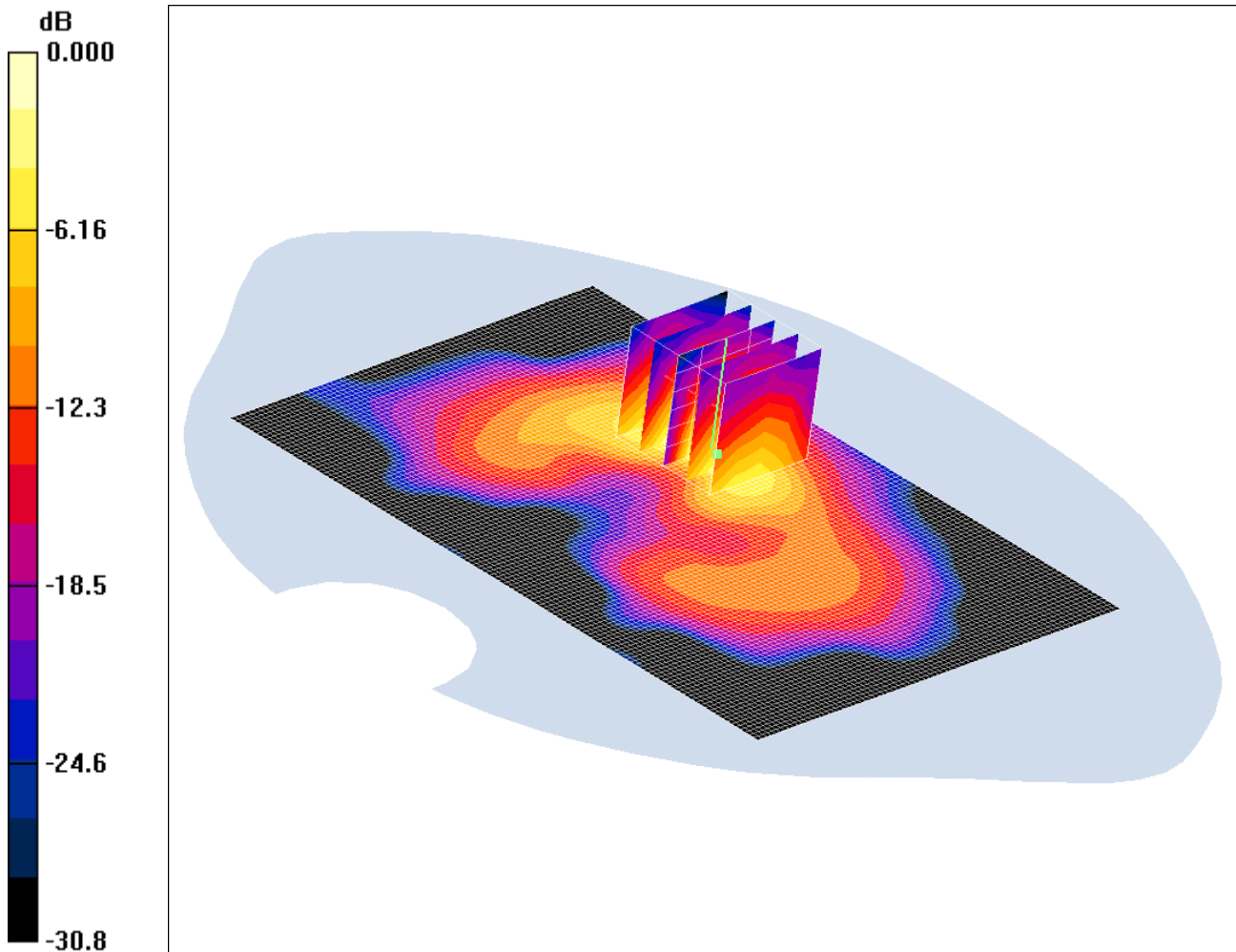
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.047 mW/g

SCN/87693JD02/084: Back of EUT Facing Phantom WLAN 802.11b 1Mbps CH6

Date: 01/06/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.318mW/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/m³

Phantom section: Flat Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.312 mW/g

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

Reference Value = 12.1 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.482 W/kg

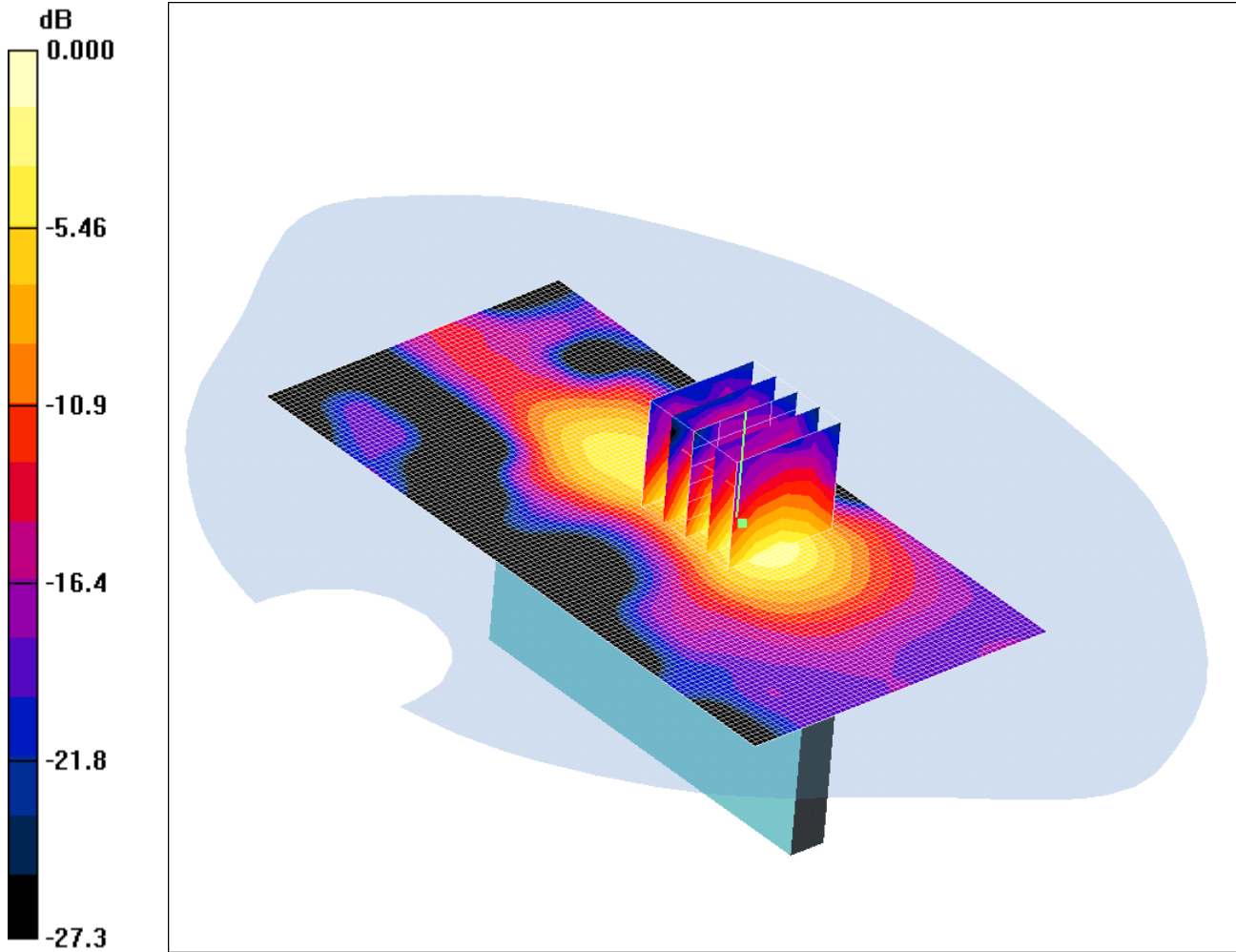
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.318 mW/g

SCN/87693JD02/085: Left Hand Side of EUT Facing Phantom WLAN 802.11b 1Mbps CH6

Date: 01/06/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.157mW/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/m³

Phantom section: Flat Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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 (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 mW/g

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

Reference Value = 5.04 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.230 W/kg

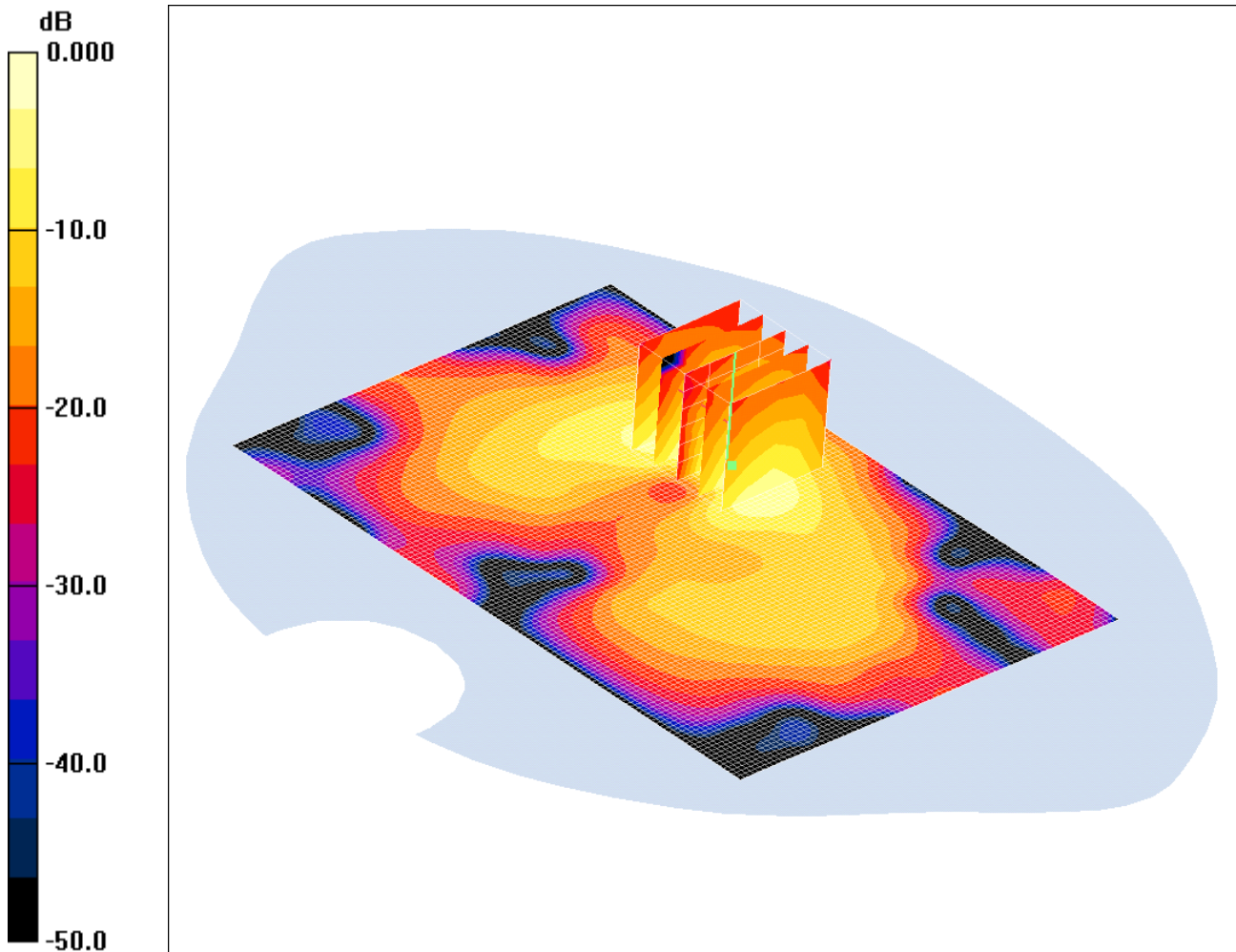
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.157 mW/g

SCN/87693JD02/086: Back of EUT Facing Phantom WLAN 802.11b 1Mbps CH1

Date: 02/06/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.289mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR(interpolated) = 0.292 mW/g

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

Reference Value = 12.4 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.439 W/kg

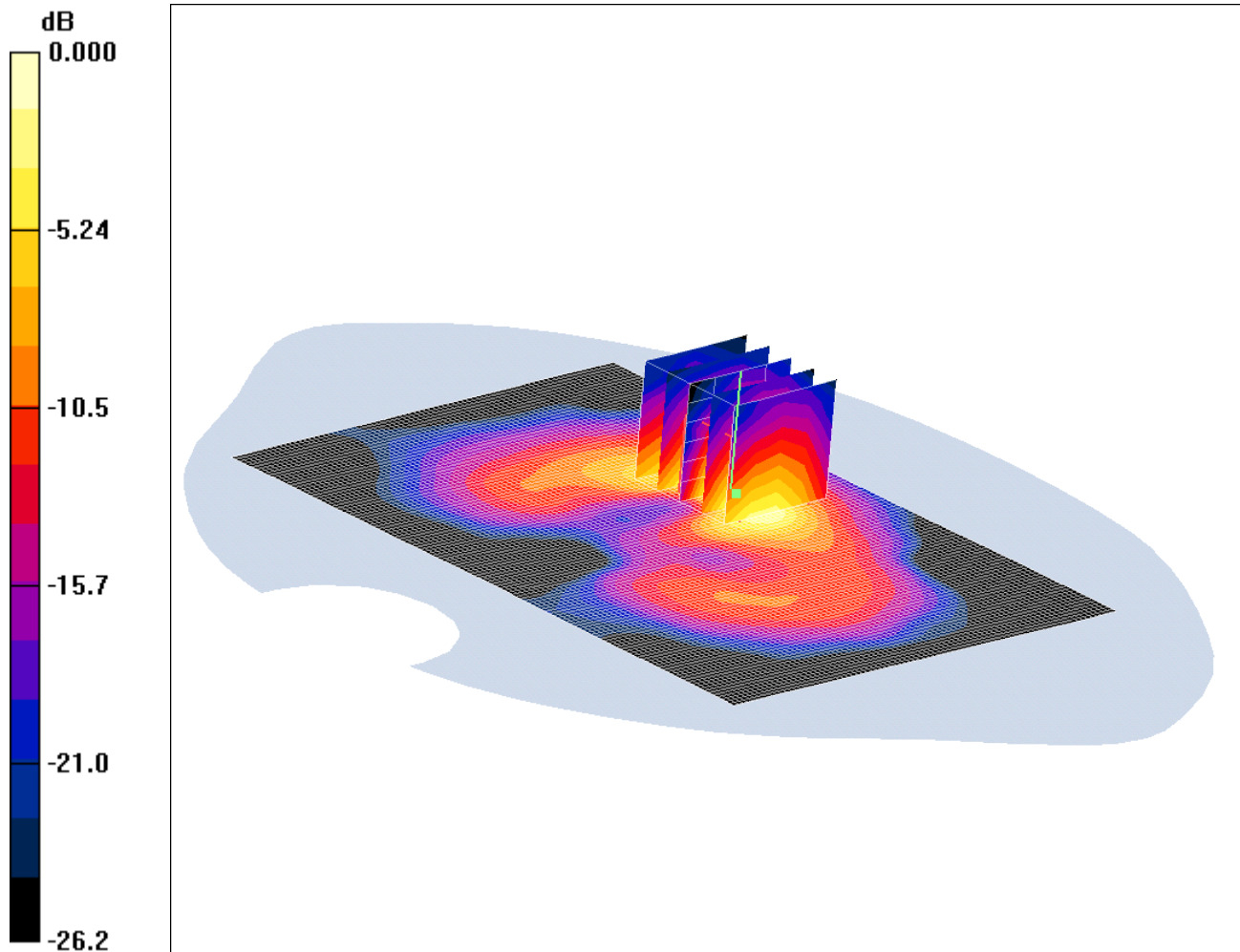
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.289 mW/g

SCN/87693JD02/087: Back of EUT Facing Phantom WLAN 802.11b 1Mbps CH11

Date: 02/06/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.428mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.04$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

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

Maximum value of SAR (interpolated) = 0.447 mW/g

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

Reference Value = 14.5 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.679 W/kg

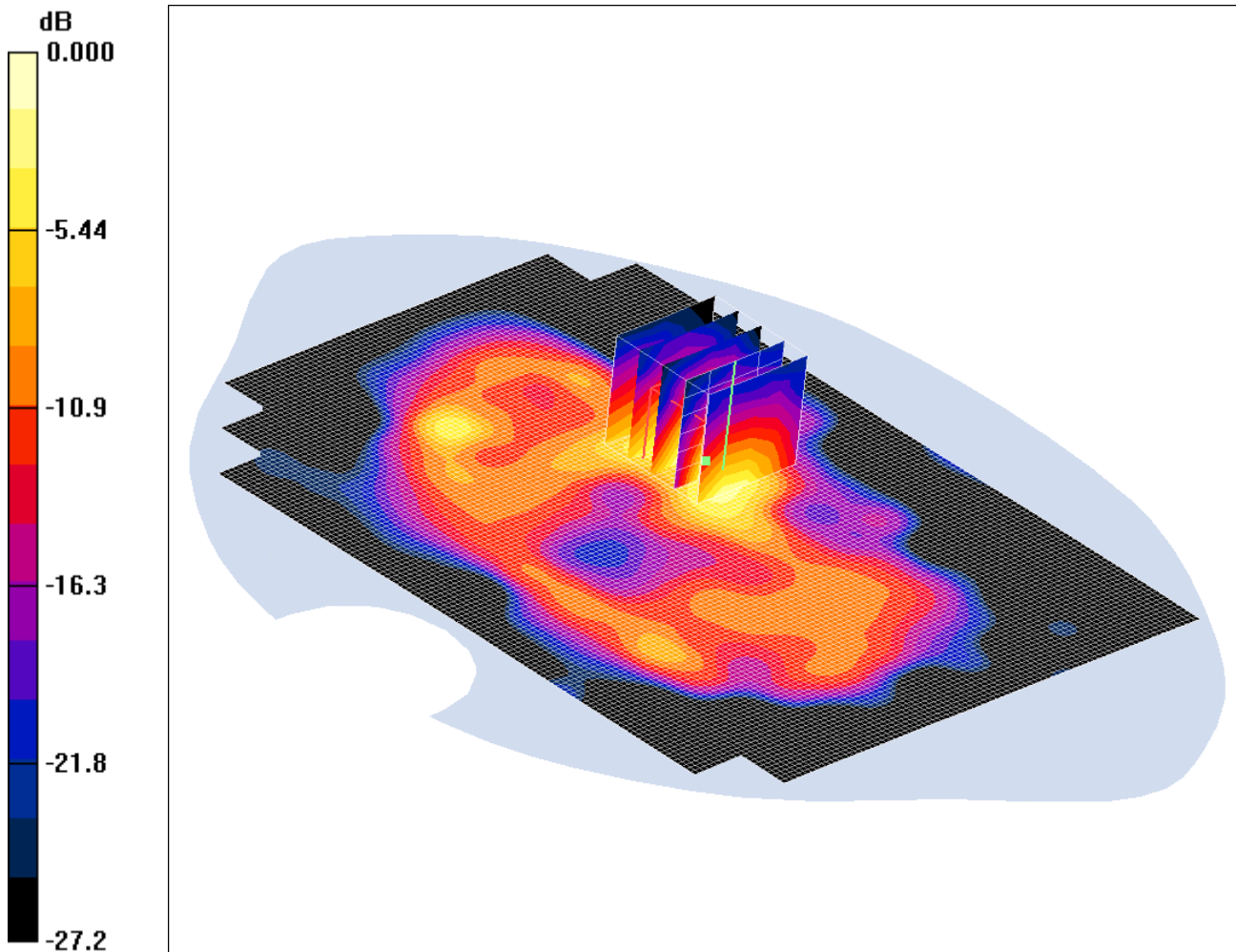
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.428 mW/g

SCN/87693JD02/088: Back of EUT Facing Phantom with PHF WLAN 802.11b 1Mbps CH11

Date: 02/06/2012

DUT: Sony Lotus 125; Type: Lotus 125;



0 dB = 0.341mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.04$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

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

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

Back of EUT Facing Phantom with PHF - High/Area Scan (101x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.313 mW/g

Back of EUT Facing Phantom with PHF - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.88 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.545 W/kg

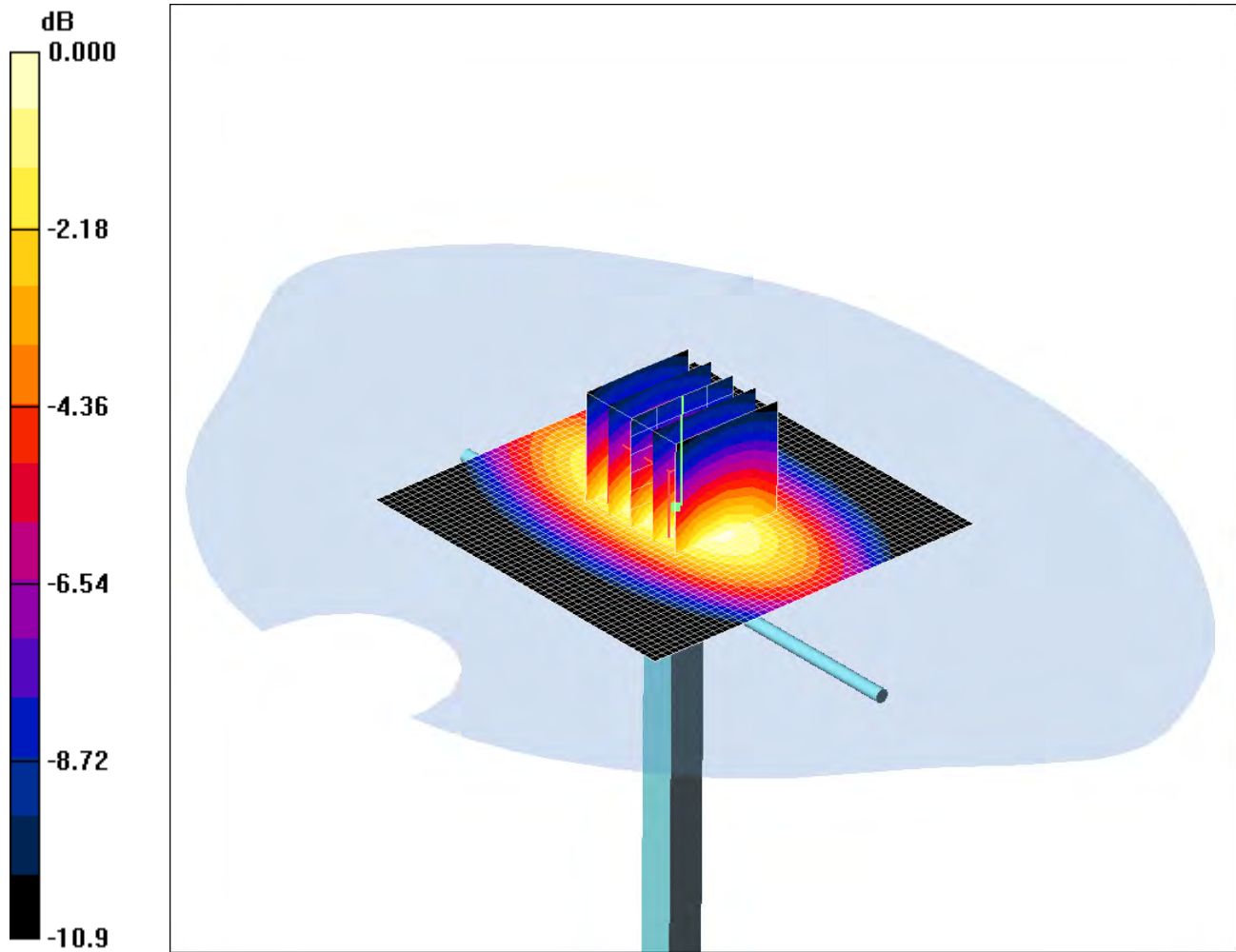
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.341 mW/g

SCN/87693JD02/089: System Performance Check 900MHz Head 26 05 12

Date: 26/05/2012

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



0 dB = 2.88mW/g

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

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.944 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.95 mW/g

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

Reference Value = 55.4 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 4.06 W/kg

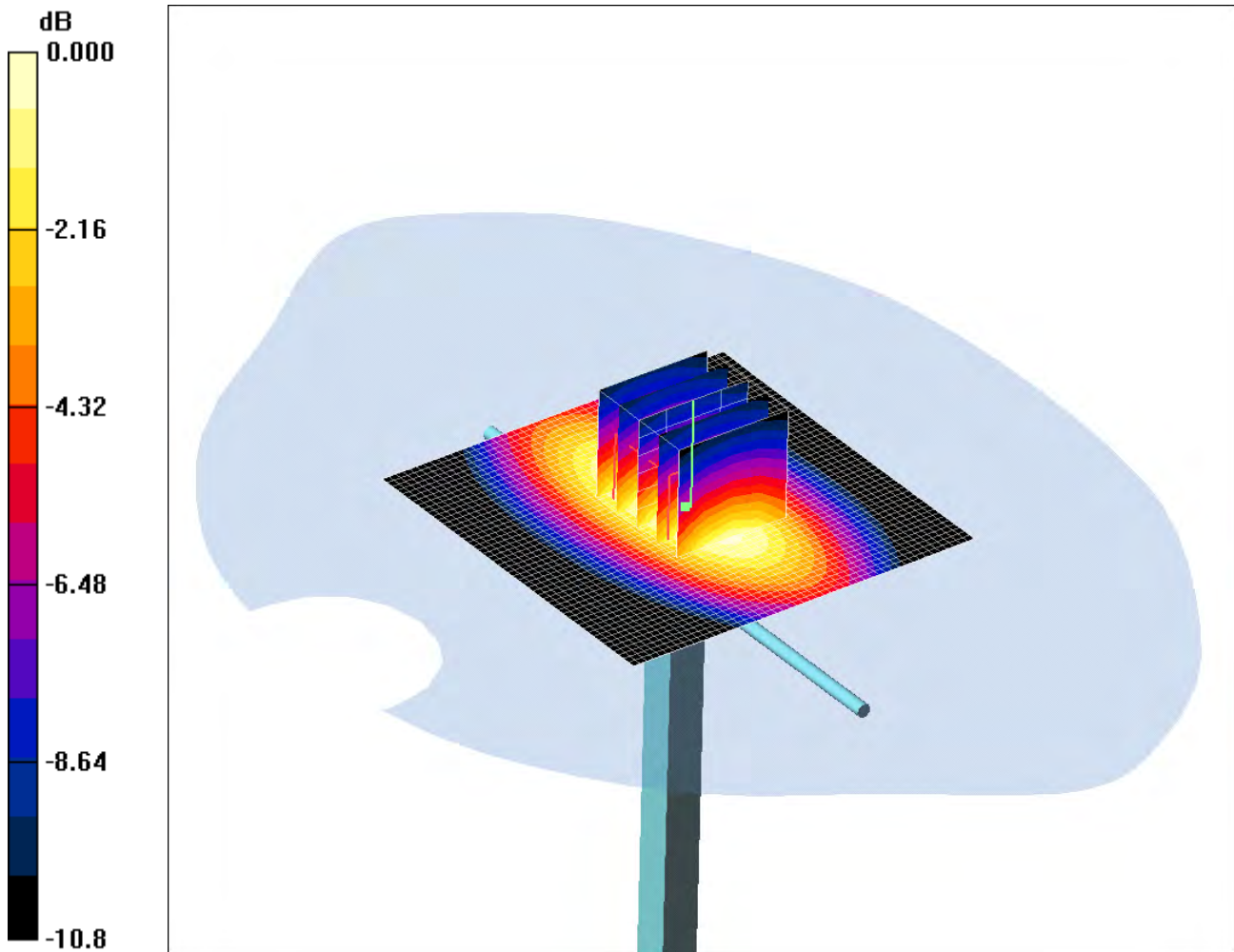
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.74 mW/g

Maximum value of SAR (measured) = 2.88 mW/g

SCN/87693JD02/090: System Performance Check 900MHz Head 28 05 12

Date: 28/05/2012

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 HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 43.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.75, 8.75, 8.75); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.93 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 = 0.029 dB

Peak SAR (extrapolated) = 4.05 W/kg

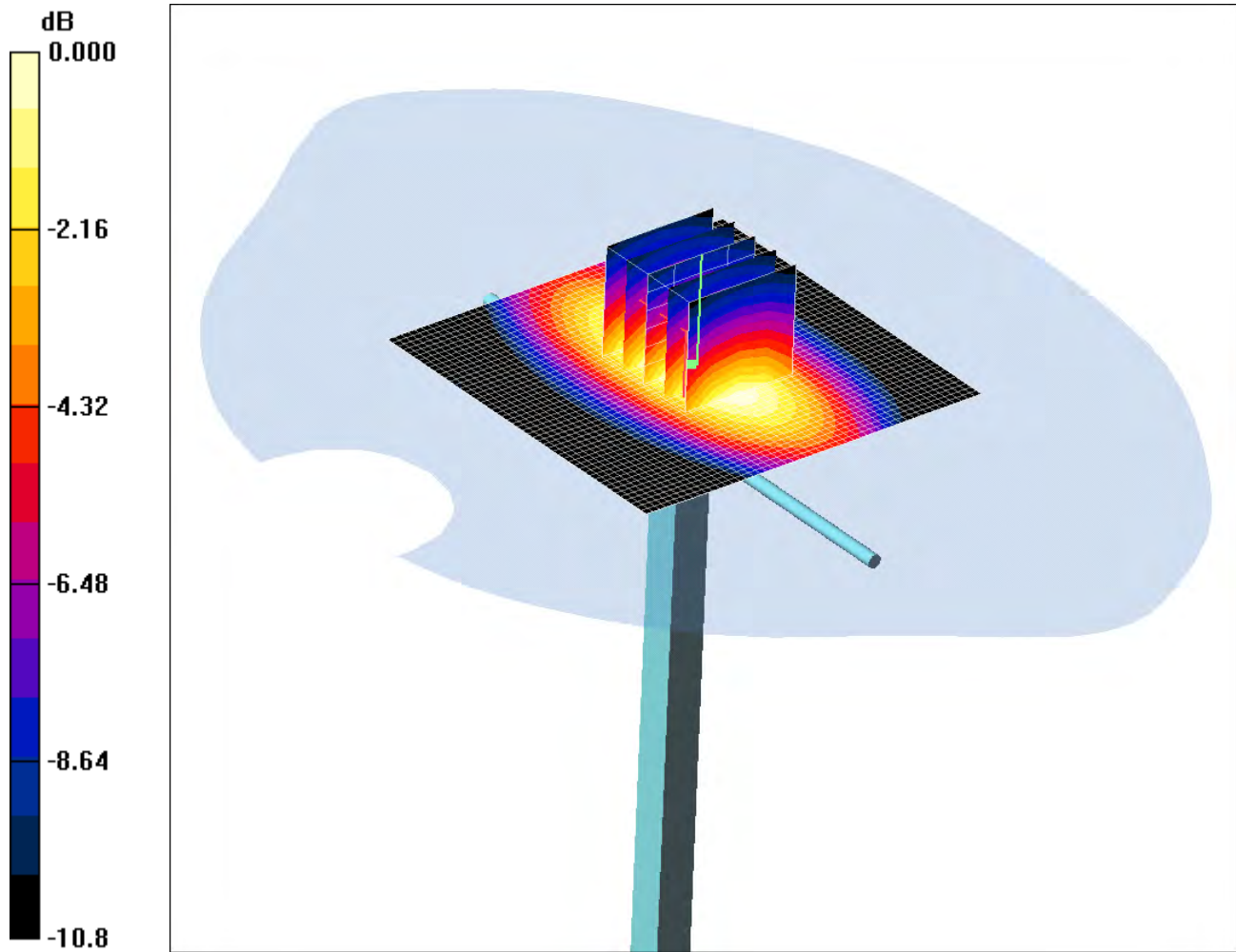
SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.75 mW/g

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

SCN/87693JD02/091: System Performance Check 900MHz Body 28 05 12

Date: 28/05/2012

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



0 dB = 2.87mW/g

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

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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) = 3.04 mW/g

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

Reference Value = 53.0 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 4.00 W/kg

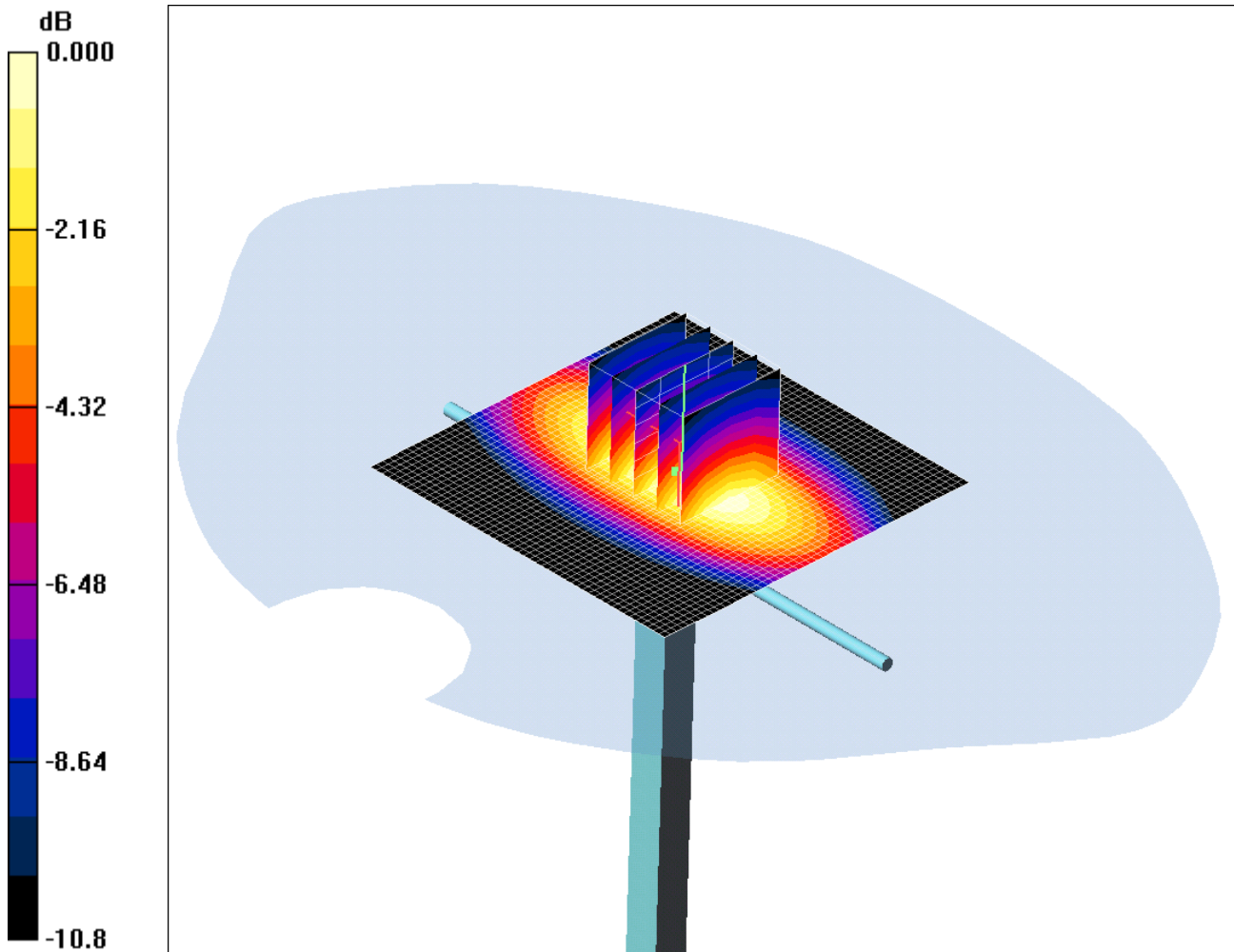
SAR(1 g) = 2.67 mW/g; SAR(10 g) = 1.73 mW/g

Maximum value of SAR (measured) = 2.87 mW/g

SCN/87693JD02/092: System Performance Check 900MHz Body 29 05 12

Date: 29/05/2012

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



0 dB = 2.87mW/g

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

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.03 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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) = 3.00 mW/g

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

Reference Value = 52.2 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 4.00 W/kg

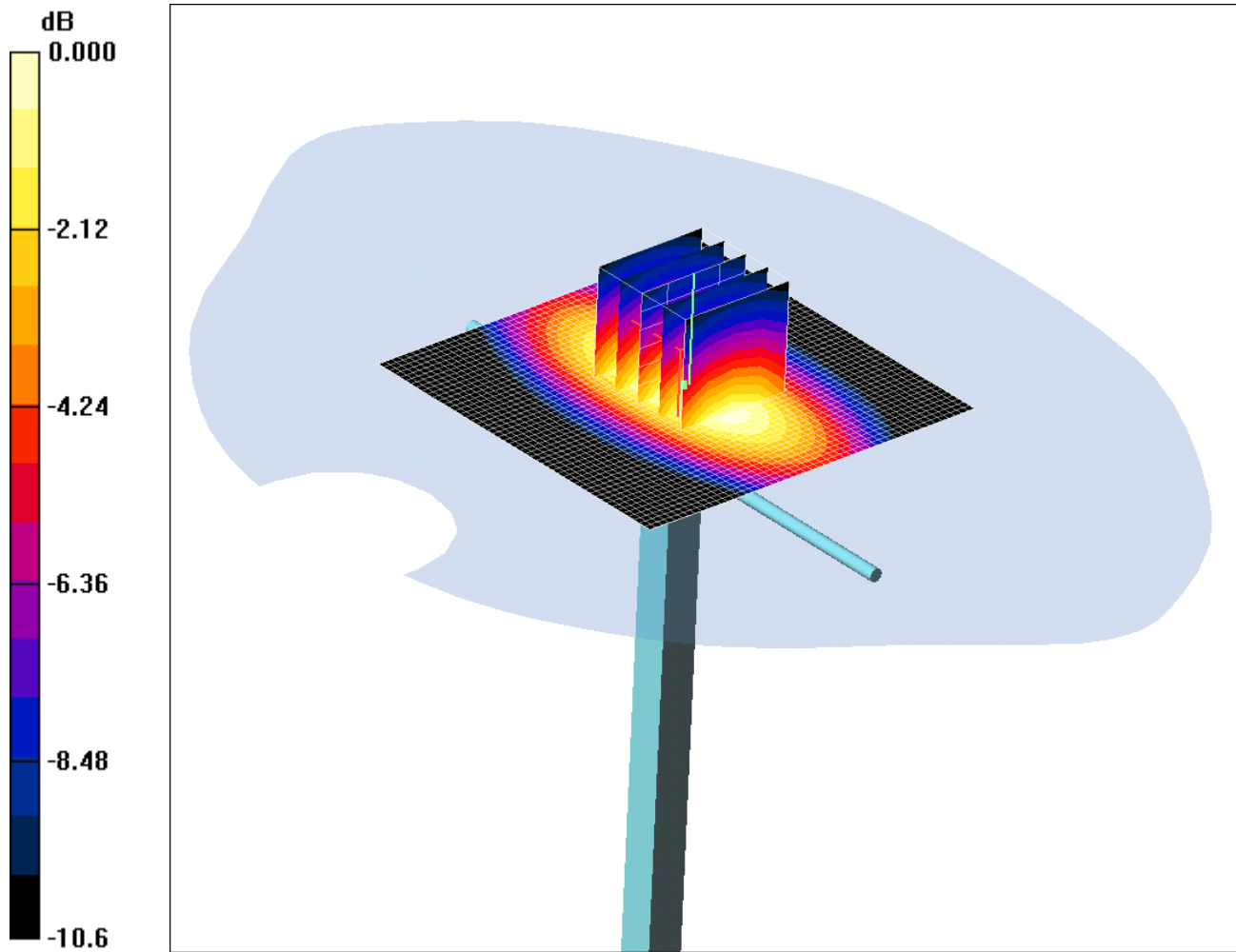
SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.72 mW/g

Maximum value of SAR (measured) = 2.87 mW/g

SCN/87693JD02/093: System Performance Check 900MHz Body 30 05 12

Date: 30/05/2012

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



0 dB = 2.98mW/g

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

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 55.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- 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) = 3.15 mW/g

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

Reference Value = 54.1 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 4.15 W/kg

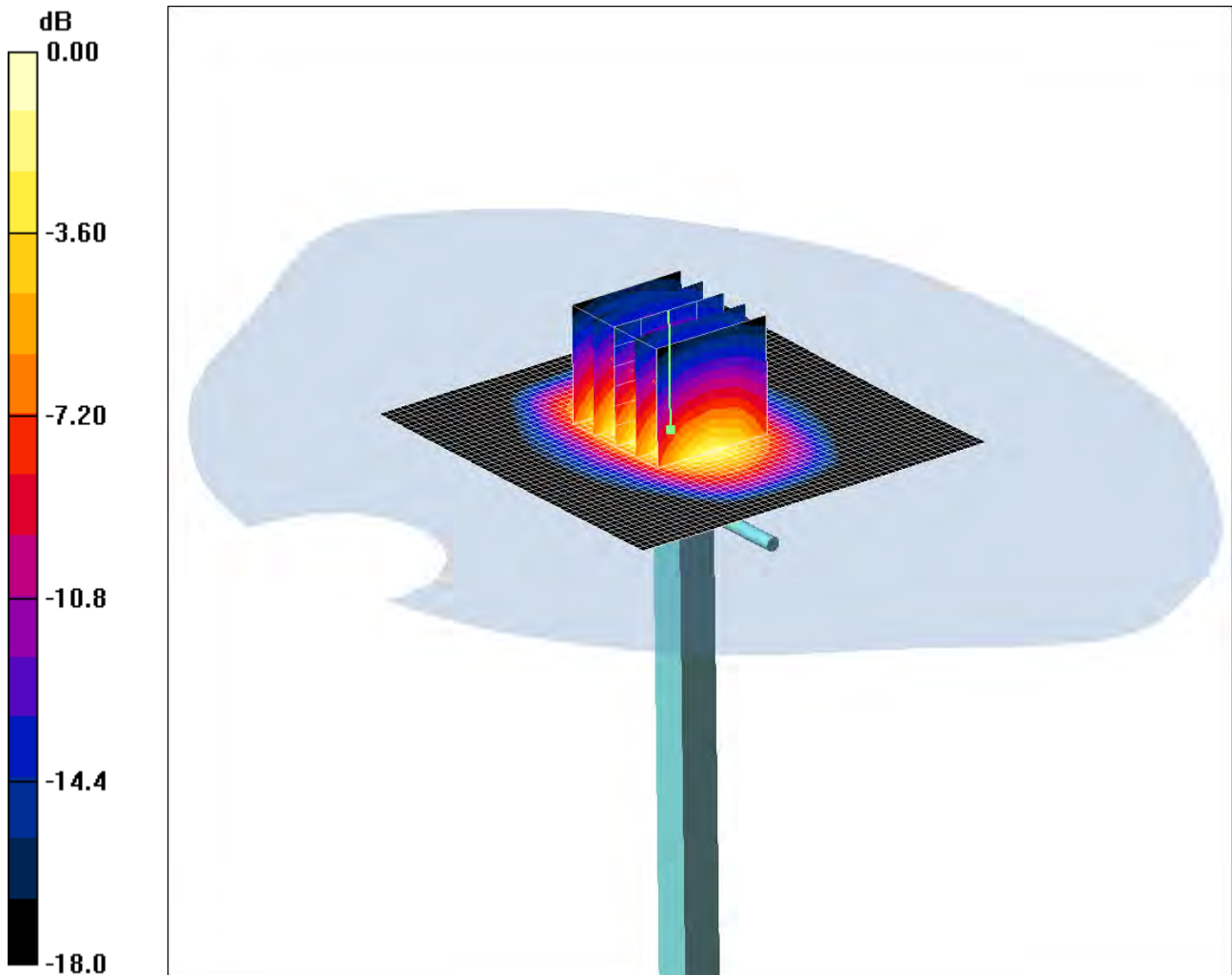
SAR(1 g) = 2.77 mW/g; SAR(10 g) = 1.81 mW/g

Maximum value of SAR (measured) = 2.98 mW/g

SCN/87693JD02/094: System Performance Check 1900MHz Head 28 05 12

Date: 28/05/2012

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



0 dB = 10.8mW/g

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

Medium: 1900 MHz HSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 38.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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 = 88.1 V/m; Power Drift = 0.013 dB

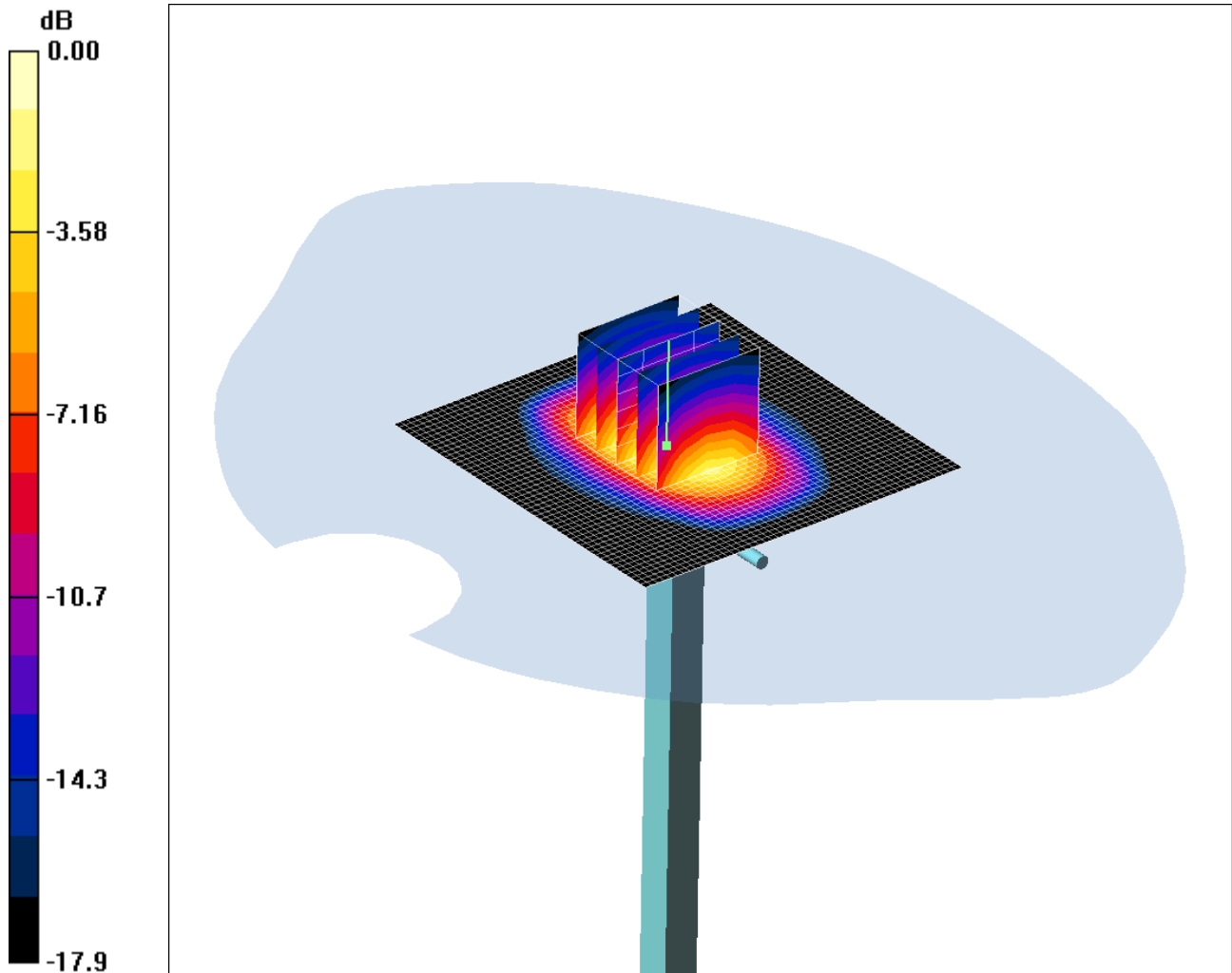
Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 9.72 mW/g; SAR(10 g) = 5.05 mW/g

Maximum value of SAR (measured) = 10.8 mW/g

SCN/87693JD02/095: System Performance Check 1900MHz Head 29 05 12
 Date 29/05/2012

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



0 dB = 11.6mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium: 1900 MHz HSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 38.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 15.6 mW/g

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

Reference Value = 92.6 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 19.3 W/kg

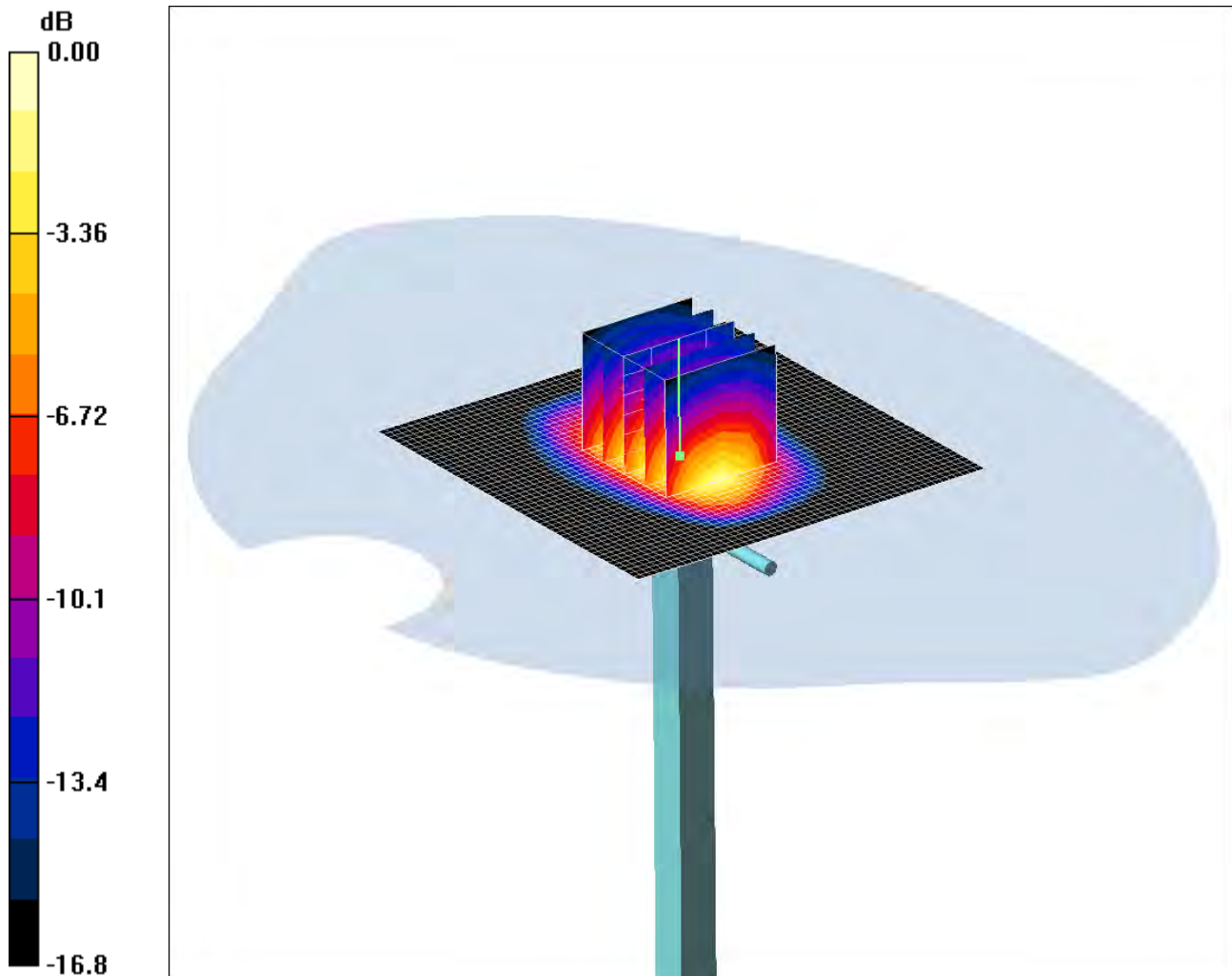
SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.5 mW/g

Maximum value of SAR (measured) = 11.6 mW/g

SCN/87693JD02/096: System Performance Check 1900MHz Body 30 05 12

Date 30/05/2012

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



0 dB = 11.3mW/g

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

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 13.8 mW/g

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

Reference Value = 89.0 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 16.7 W/kg

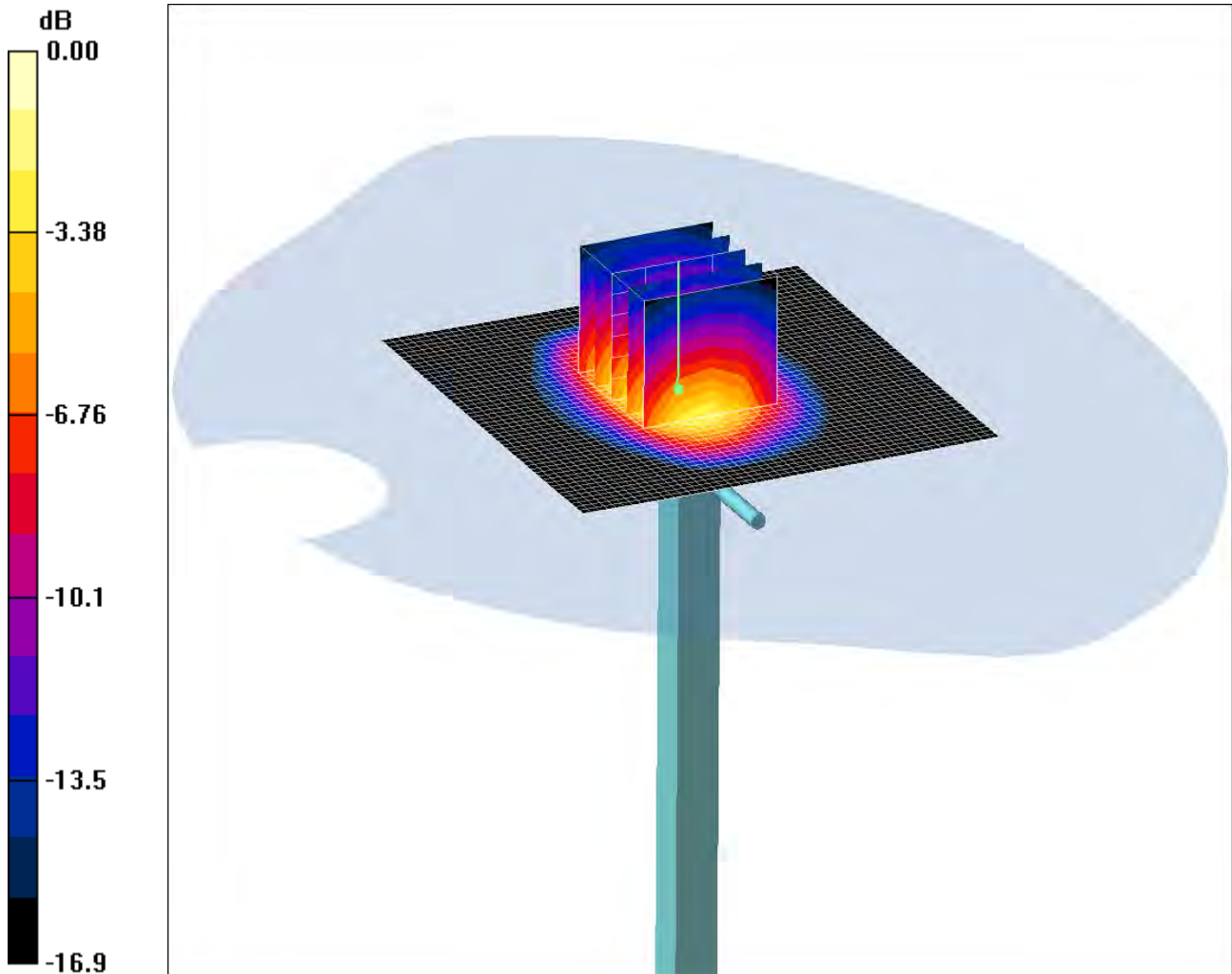
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.42 mW/g

Maximum value of SAR (measured) = 11.3 mW/g

SCN/87693JD02/097: System Performance Check 1900MHz Body 31 05 12

Date: 31/05/2012

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



0 dB = 11.6mW/g

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

Medium: 1900 MHz MSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 14.1 mW/g

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

Reference Value = 89.7 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 16.8 W/kg

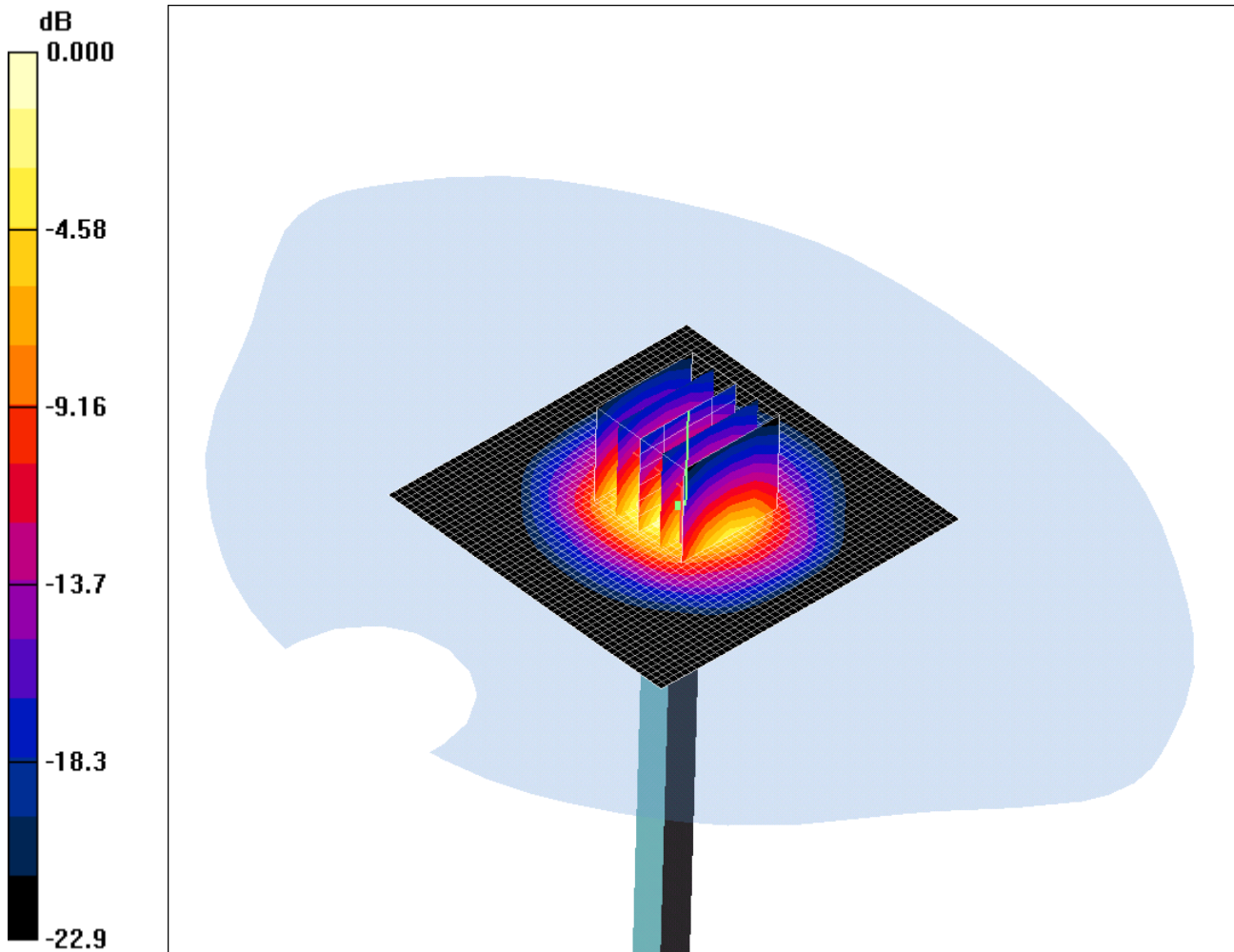
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.6 mW/g

Maximum value of SAR (measured) = 11.6 mW/g

SCN/87693JD02/098: System Performance Check 2450MHz Head 01 06 12

Date: 01/06/2012

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



0 dB = 14.6mW/g

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

Medium: 2450 MHz HSL Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.83 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

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 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 19.7 mW/g

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

Reference Value = 87.4 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 27.5 W/kg

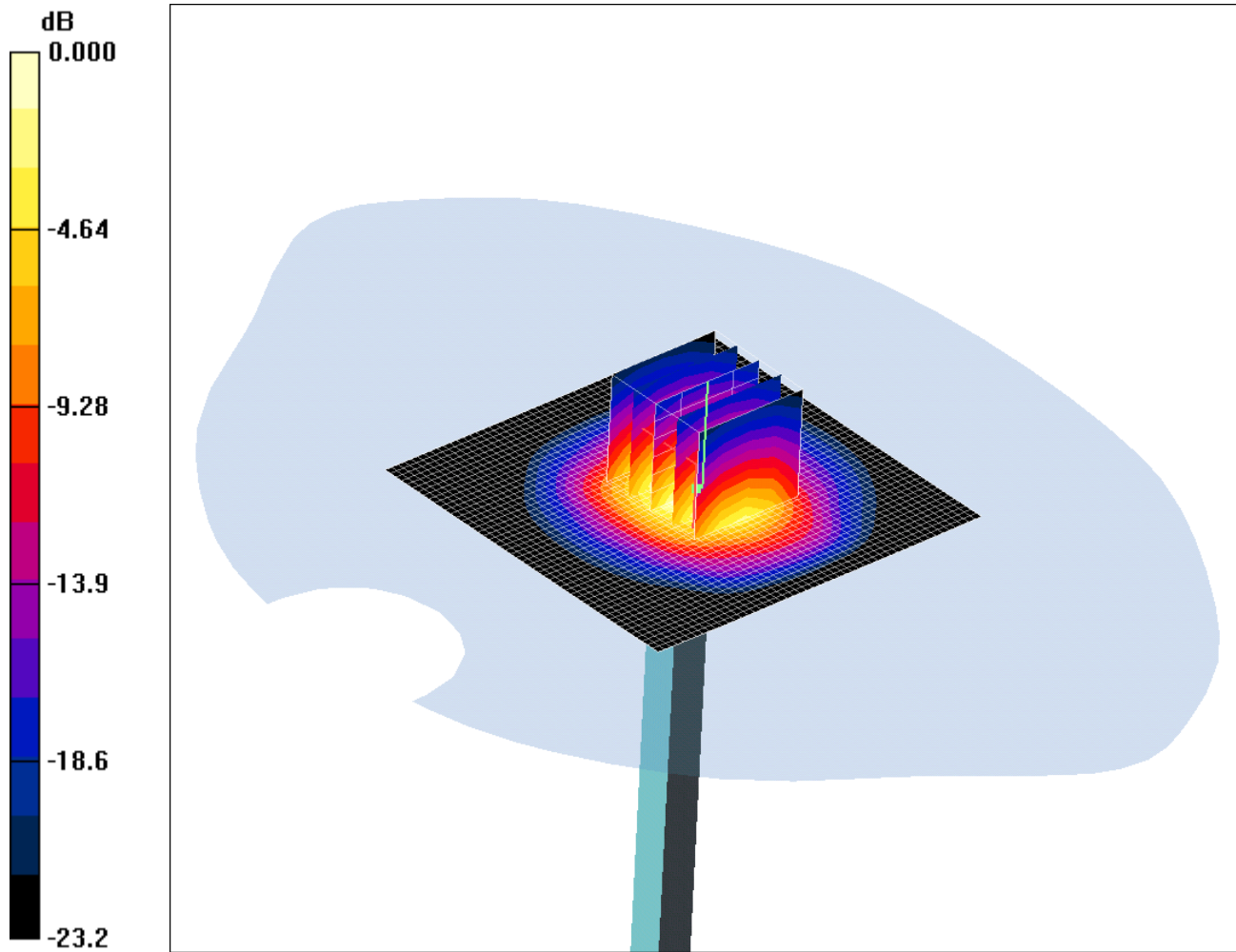
SAR(1 g) = 13 mW/g; SAR(10 g) = 5.97 mW/g

Maximum value of SAR (measured) = 14.6 mW/g

SCN/87693JD02/099: System Performance Check 2450MHz Head 02 06 12

Date: 02/06/2012

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



0 dB = 14.9mW/g

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

Medium: 2450 MHz HSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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 Sn394; Calibrated: 26/01/2012

- 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 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 19.8 mW/g

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

Reference Value = 87.9 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 28.7 W/kg

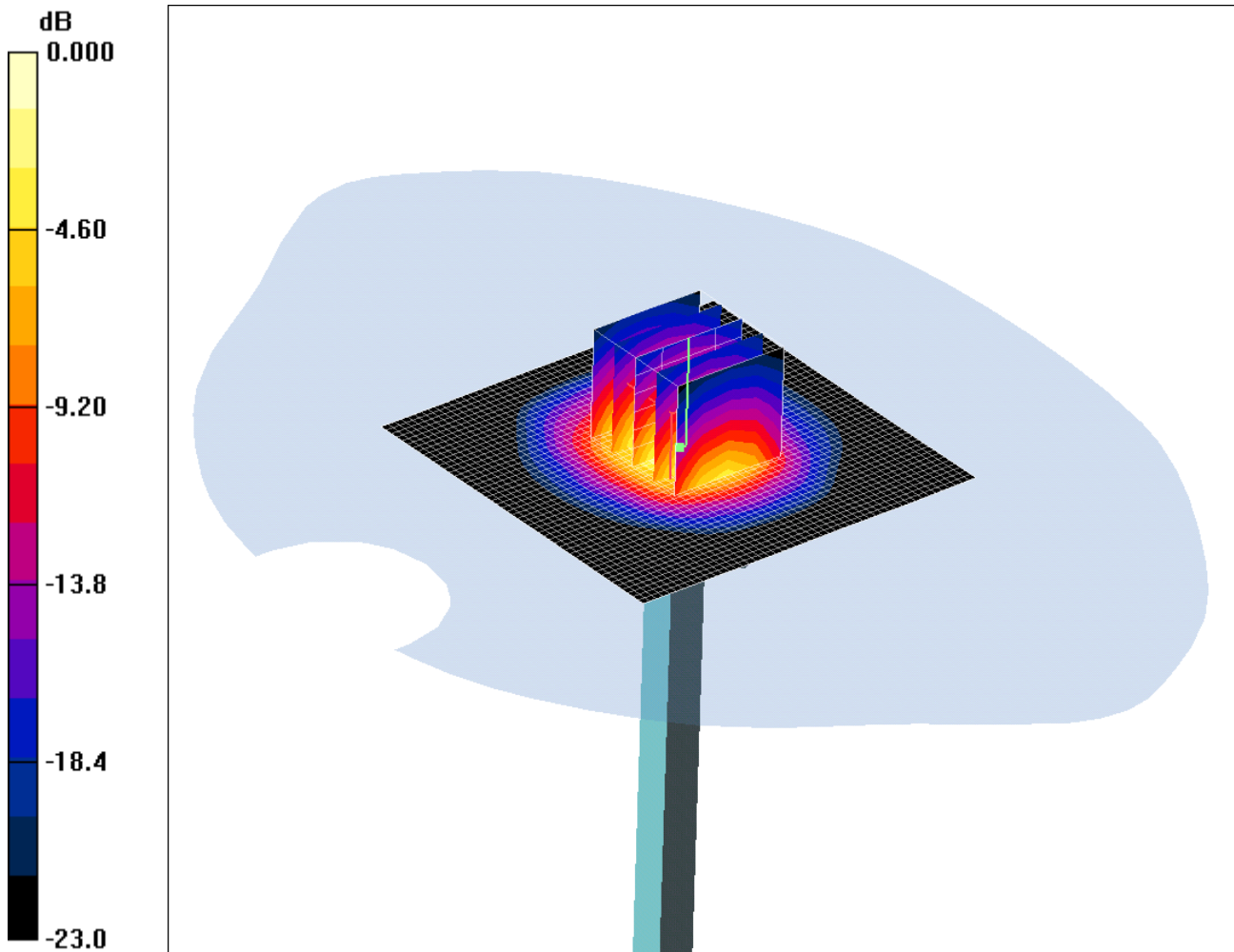
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.24 mW/g

Maximum value of SAR (measured) = 14.9 mW/g

SCN/87693JD02/100: System Performance Check 2450MHz Body 01 06 12

Date 01/06/2012

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: $f = 2450 \text{ MHz}$; $\sigma = 2.03 \text{ mho/m}$; $\epsilon_r = 50.7$; $\rho = 1000 \text{ kg/m}^3$

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 Sn394; Calibrated: 26/01/2012

- 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) = 17.3 mW/g

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

Reference Value = 82.7 V/m; Power Drift = 0.280 dB

Peak SAR (extrapolated) = 28.1 W/kg

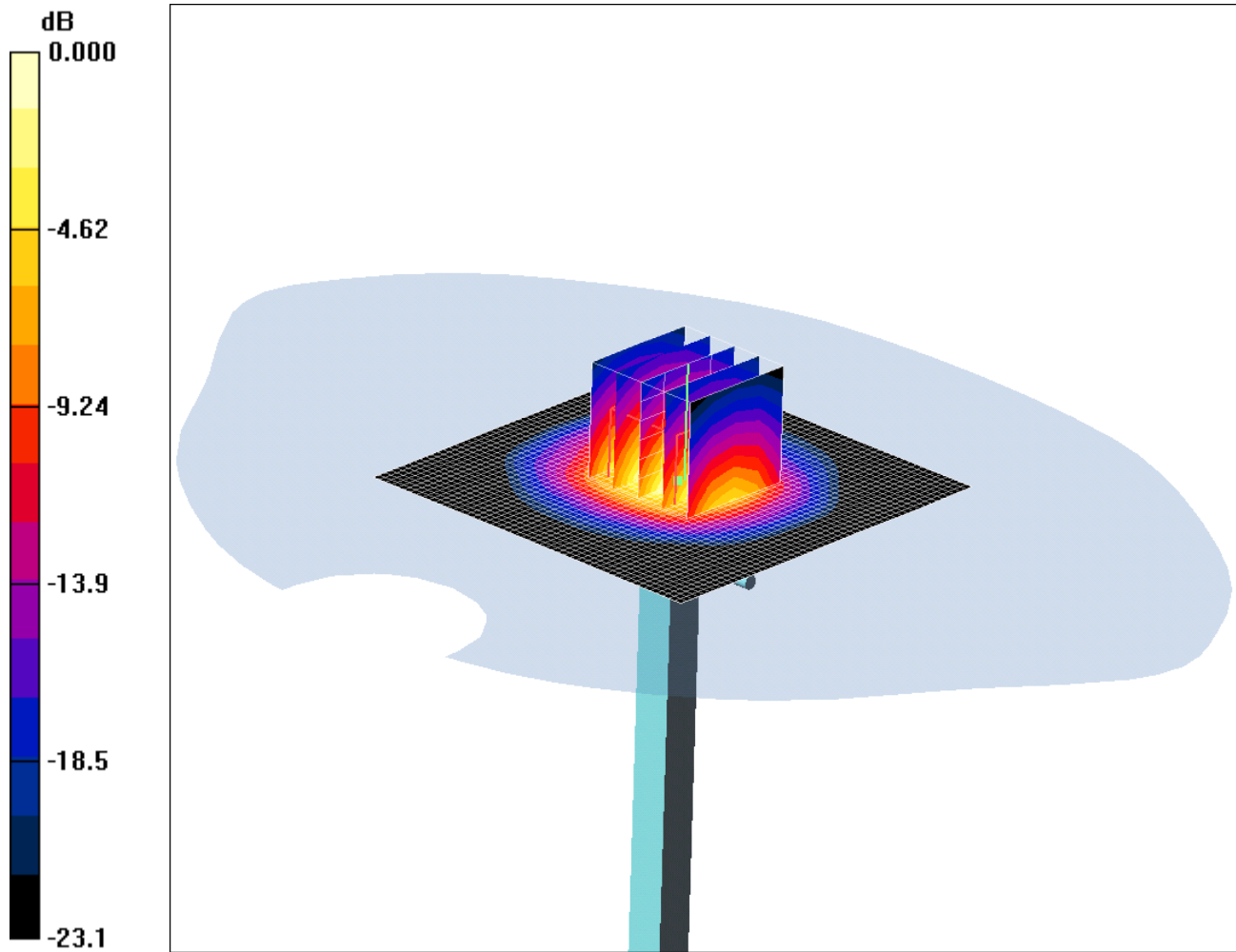
SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.1 mW/g

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

SCN/87693JD02/101: System Performance Check 2450MHz Body 02 06 12

Date: 02/06/2012

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



0 dB = 14.5mW/g

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

Medium: 2450 MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

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 Sn394; Calibrated: 26/01/2012

- 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) = 17.4 mW/g

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

Reference Value = 83.3 V/m; Power Drift = 0.115 dB

Peak SAR (extrapolated) = 27.1 W/kg

SAR(1 g) = 13.1 mW/g; SAR(10 g) = 6 mW/g

Maximum value of SAR (measured) = 14.5 mW/g