
APPENDIX B: MEASUREMENT SCANS

Date: 2015.05.25.

1.1.1 Y560-U23 GSM850 Head Right Cheek Mid

Medium: HSL900

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.55, 6.55, 6.55); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GSM 850_Right Cheek/Mid TDM/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.655 W/kg

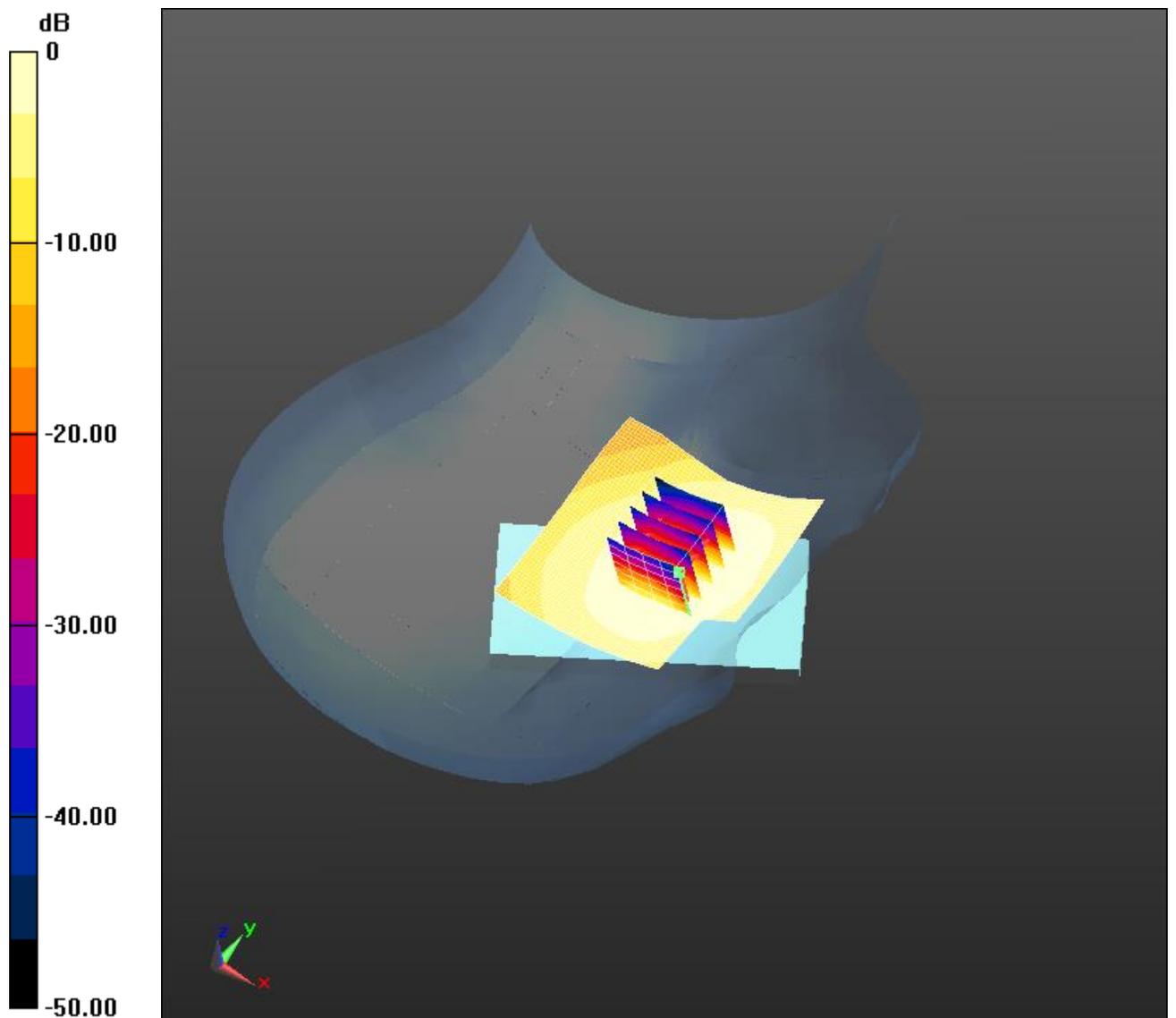
GSM 850_Right Cheek/Mid TDM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.573 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 1.180 mW/g

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.662 W/kg



0 dB = 0.655 W/kg = -3.68 dB W/kg

Date: 2015.05.25.

1.1.2 Y560-U23 GSM850 Body Back Side High 10mm

Medium: MSL900

Communication System: GPRS FDD(TDMA,GSMK); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz;Duty Cycle: 1:4.1

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 1.019$ mho/m; $\epsilon_r = 55.752$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GPRS 850_Facedown 10mm/High/Area Scan (51x51x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.13 W/kg

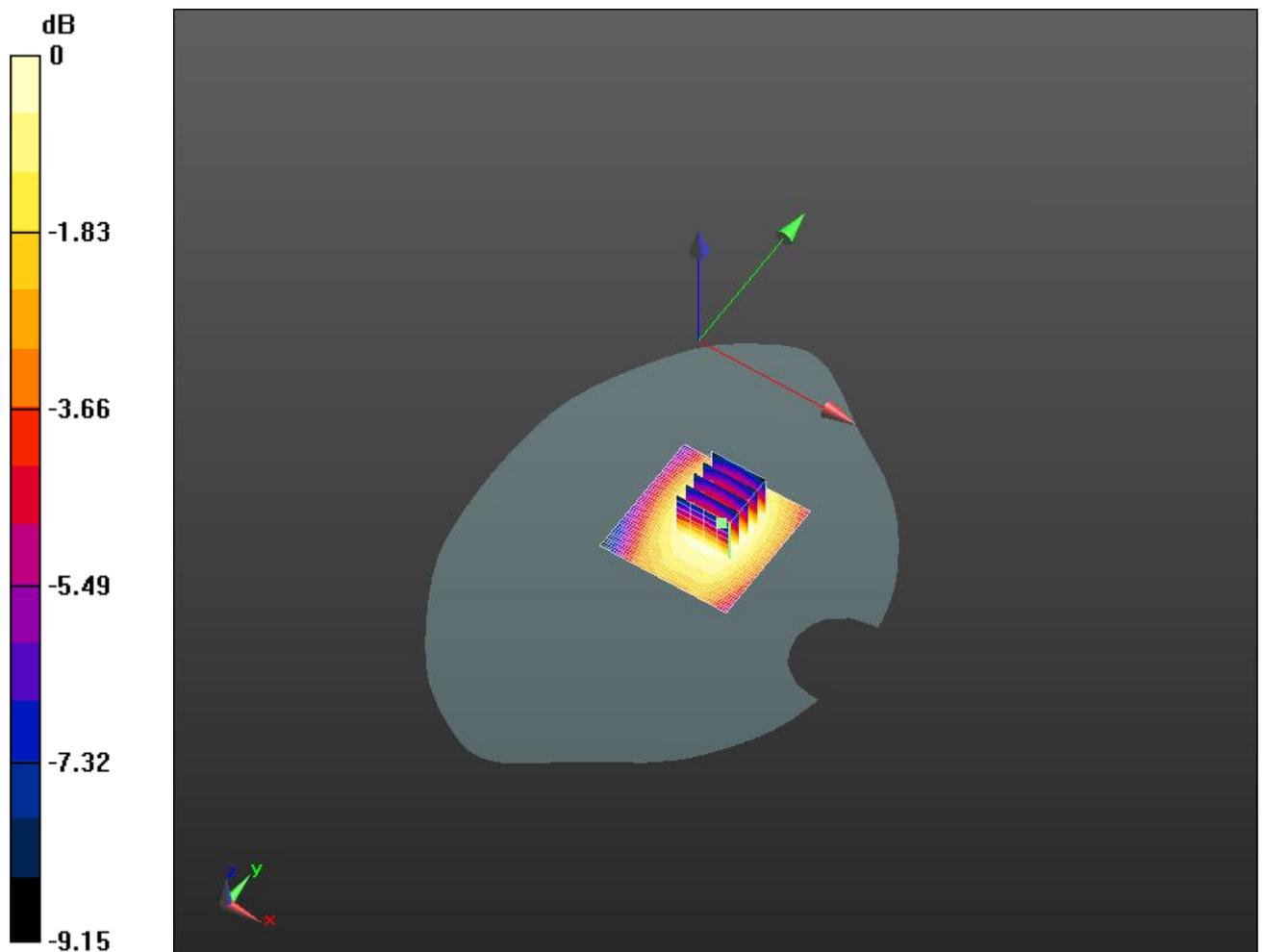
GPRS 850_Facedown 10mm/High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.756 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.307 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.846 mW/g

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 1.04 dB W/kg

Date: 2015.05.25.

1.1.3 Y560-U23 GSM850 Body Back Side Low 15mm

Medium: MSL900

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (extrapolated): $f = 824.2$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.967$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;
Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GSM 850_Back 15mm/Low/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

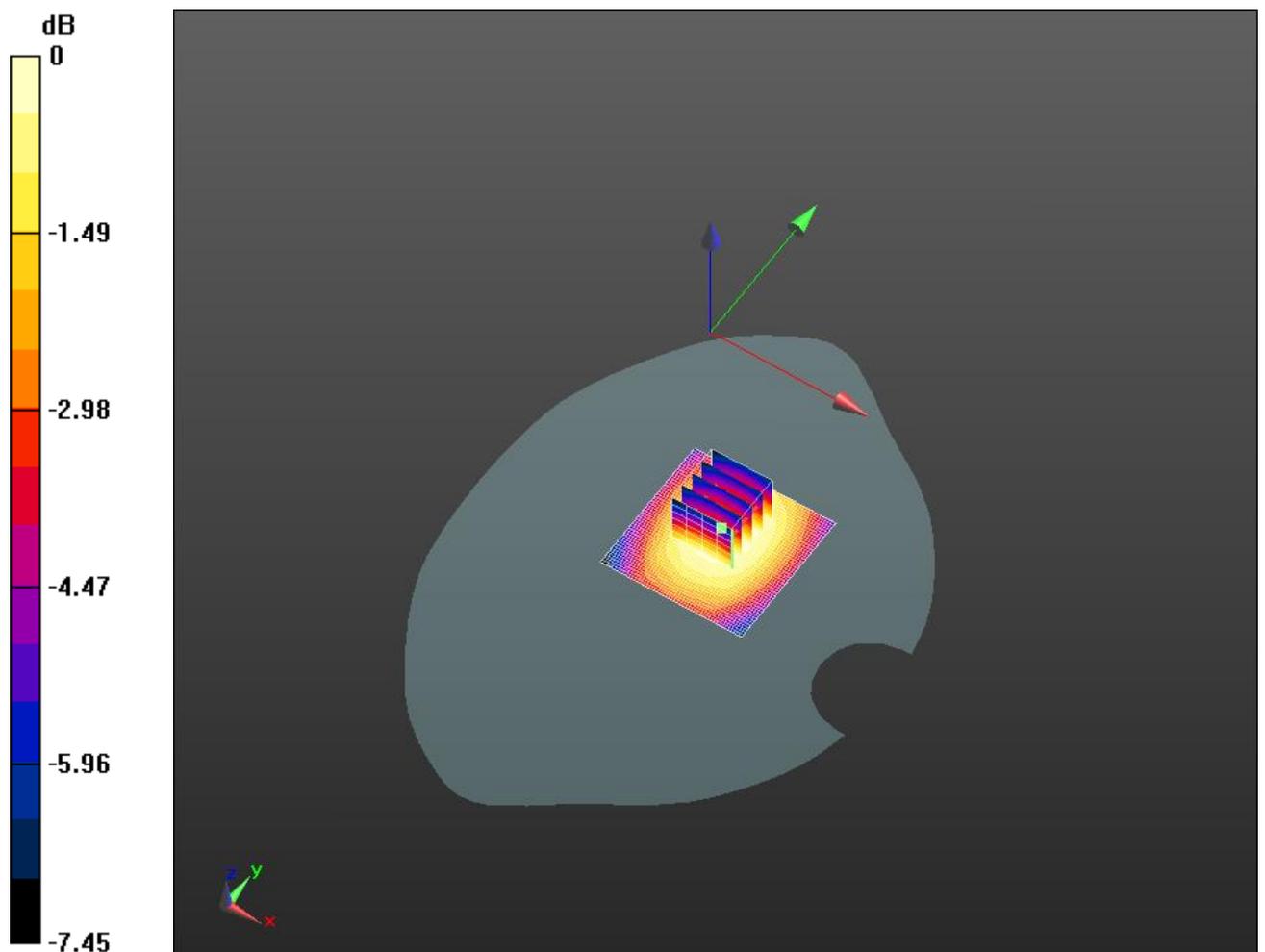
GSM 850_Back 15mm/Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm

Reference Value = 26.941 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.319 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.814 mW/g

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



$$0 \text{ dB} = 1.10 \text{ W/kg} = 0.82 \text{ dB W/kg}$$

Date: 2015.05.27.

1.1.4 Y560-U23 GSM1900 Head Right Cheek-Mid

Medium: HSL1900

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39.74$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.09, 8.09, 8.09); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_Right GSM Head/1900 GSM Cheek-Mid TDM/Area Scan (61x61x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.224 W/kg

1900_Right GSM Head/1900 GSM Cheek-Mid TDM/Zoom Scan (5x5x7)/Cube 0: Measurement

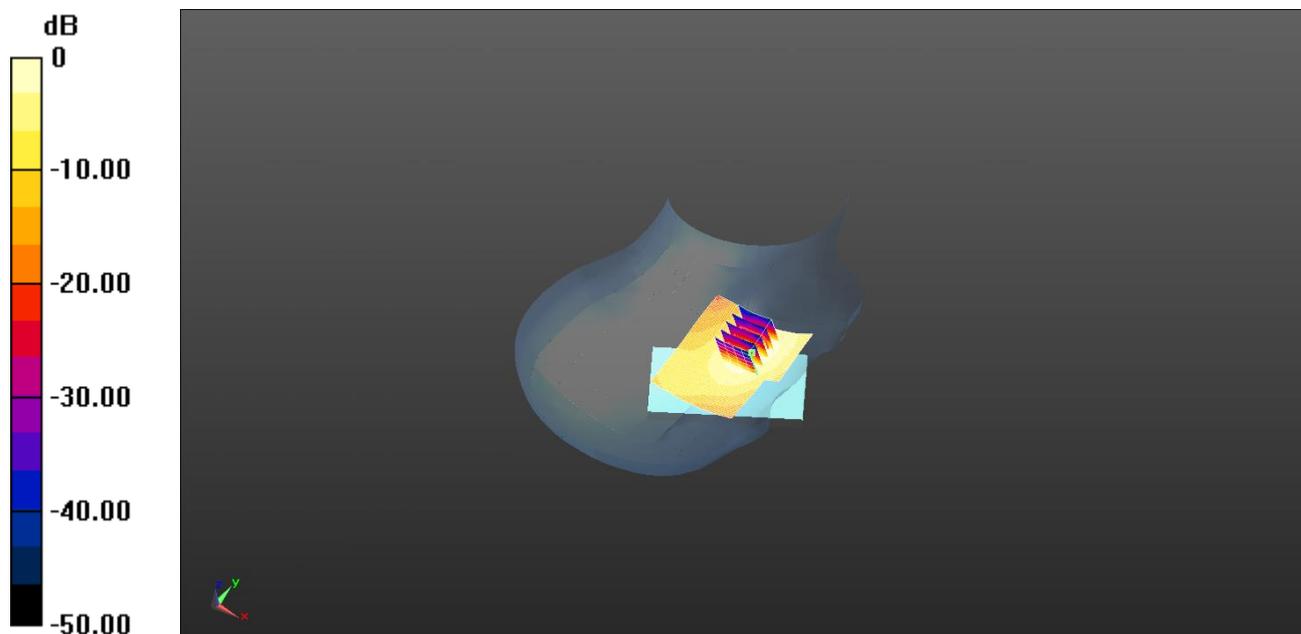
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.558 V/m; Power Drift = -0.19dB

Peak SAR (extrapolated) = 0.377 mW/g

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.224 W/kg = -12.98 dB W/kg

Date: 2015.05.27.

1.1.5 Y560-U23 GSM1900 Body Back Side-High 10mm

Medium: MSL1900

Communication System: GPRS FDD(TDMA,GSMK); Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Duty Cycle: 1:4.1

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 51.04$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_GPRS/GPRS1900 Facedown-High/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm,

dy=1.500 mm

Maximum value of SAR (interpolated) = 0.895 W/kg

1900_GPRS/GPRS1900 Facedown-High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

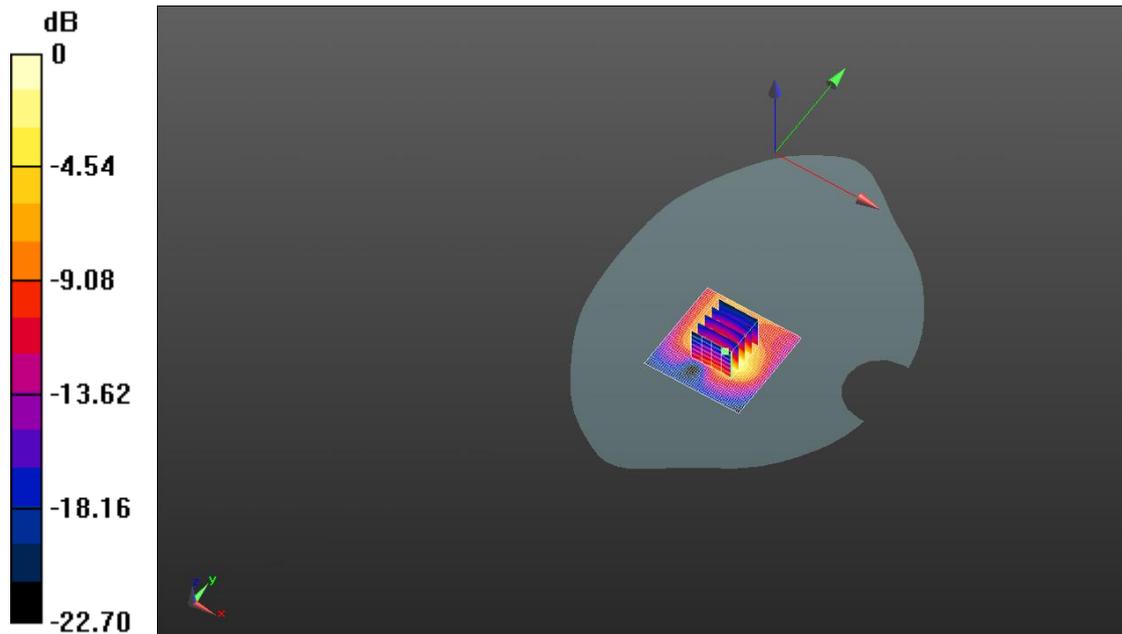
dy=8mm, dz=5mm

Reference Value = 9.640 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.501 mW/g

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.930 W/kg



0 dB = 0.895 W/kg = -0.96 dB W/kg

Date: 2015.05.27.

1.1.6 Y560-U23 GSM1900 Body Back Side 15mm

Medium: MSL1900

Communication System: GPRS FDD(TDMA,GSMK); Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_GPRS/GPRS1900 15mm Facedown-Mid/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.365 W/kg

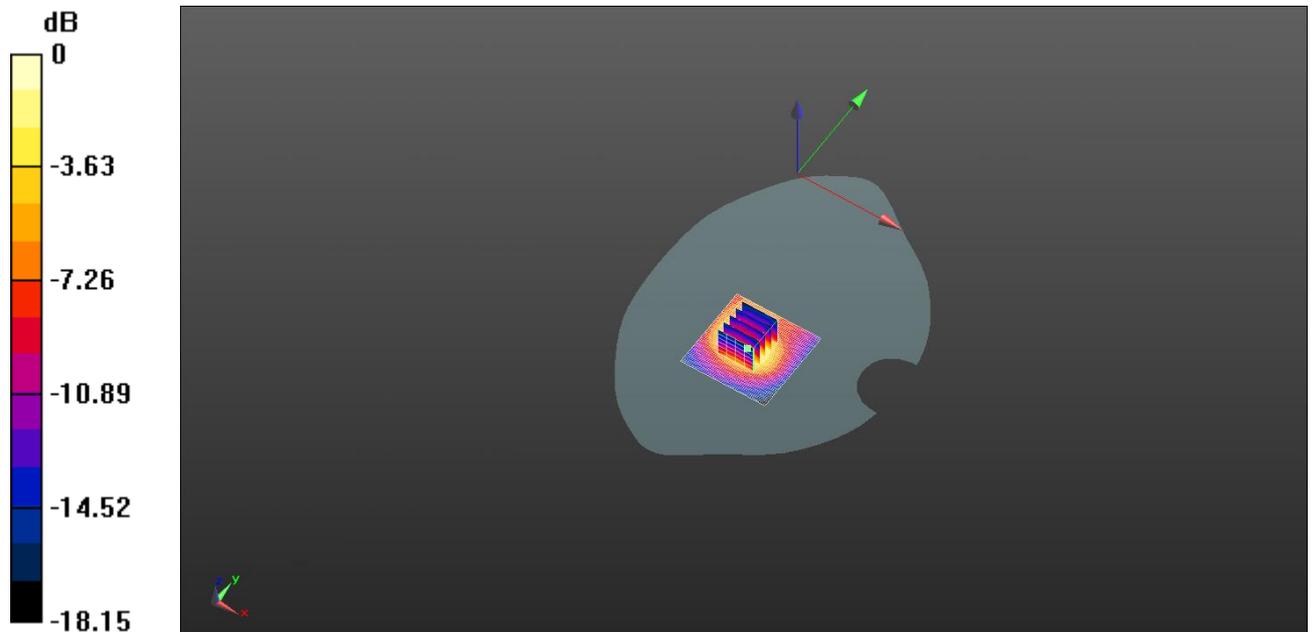
1900_GPRS/GPRS1900 15mm Facedown-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.112 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.569 mW/g

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.365 W/kg = -8.75 dB W/kg

Date: 2015.05.27.

1.1.7 Y560-U23 WCDMA Body BAND2 Right Head Cheek Mid

Medium: HSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.74$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.09, 8.09, 8.09); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2_ right head cheek/Mid B2/Area Scan (51x61x1): Interpolated grid: dx=1.500 mm,
dy=1.500 mm

Maximum value of SAR (interpolated) = 0.576 W/kg

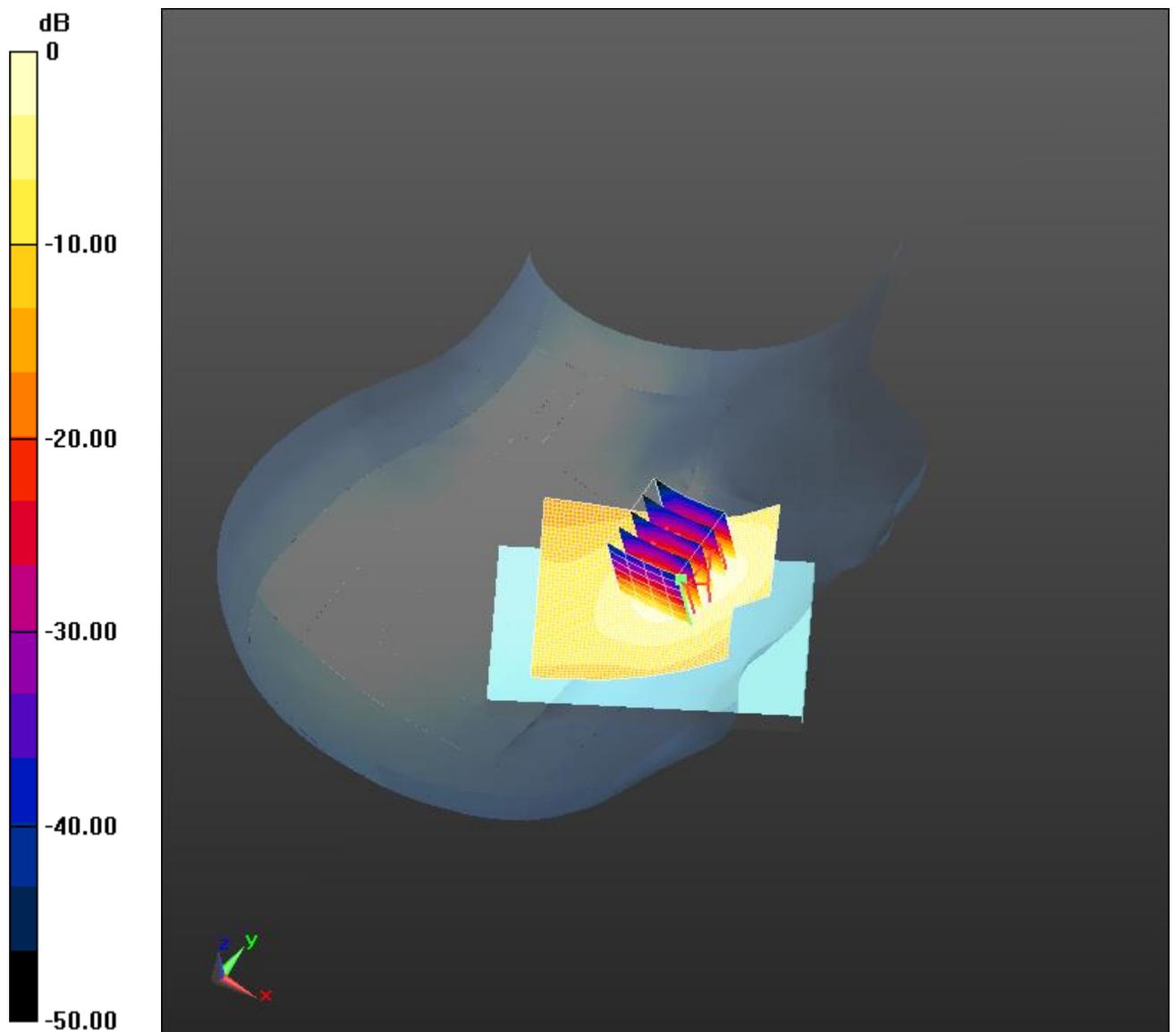
UMTS Band 2_ right head cheek/Mid B2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 8.174 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.943 mW/g

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.576 W/kg = -4.80 dB W/kg

Date: 2015.05.27.

1.1.8 Y560-U23 WCDMA BAND2 Body Back Side Mid 10mm

Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2_ Back 10mm/Mid/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

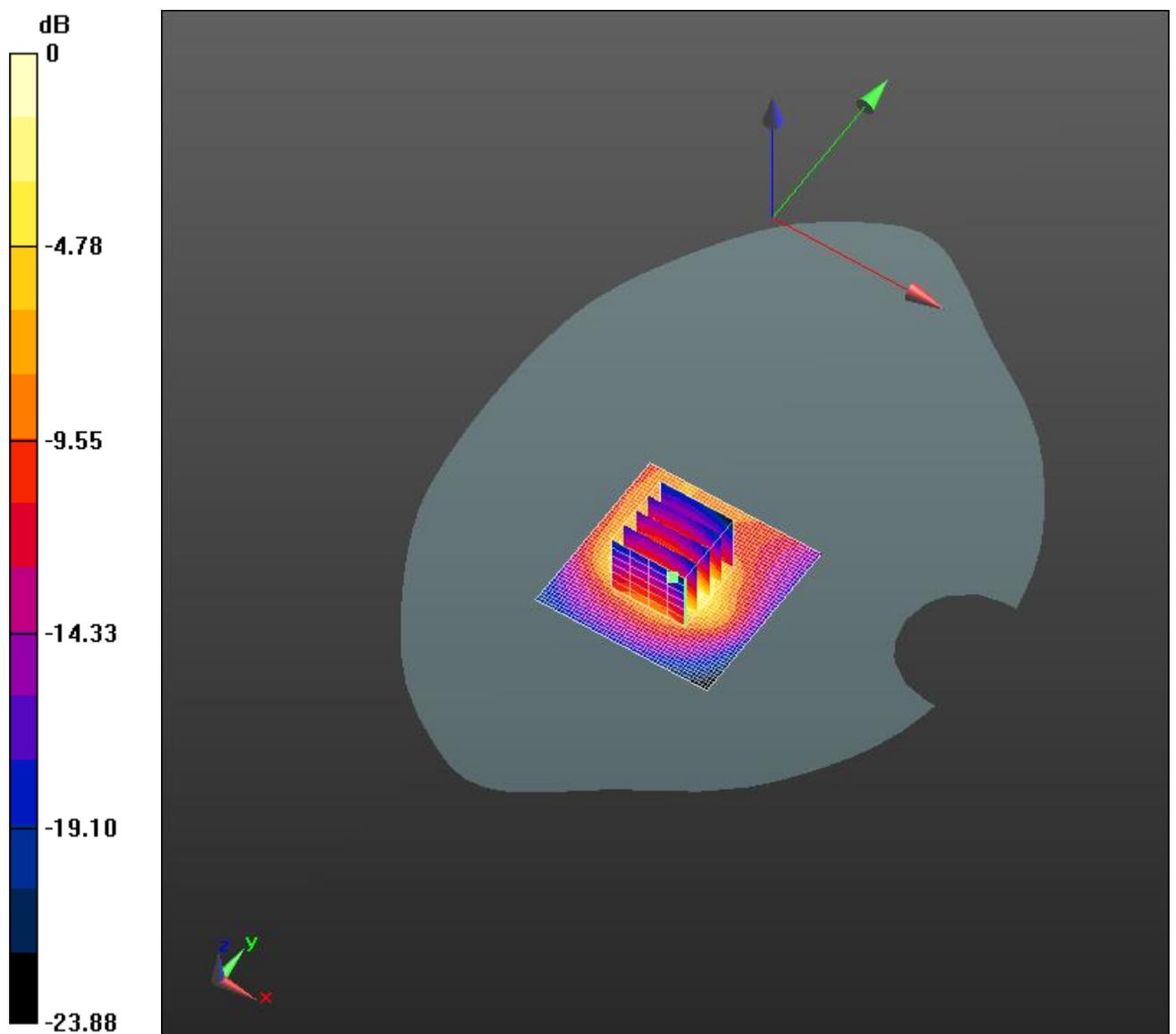
UMTS Band 2_ Back 10mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.892 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.999 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.10 W/kg = 0.86 dB W/kg

Date: 2015.05.27.

1.1.9 Y560-U23 WCDMA BAND2 Body Back Side Mid 15mm

Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2_Back 15mm/Mid/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.474 W/kg

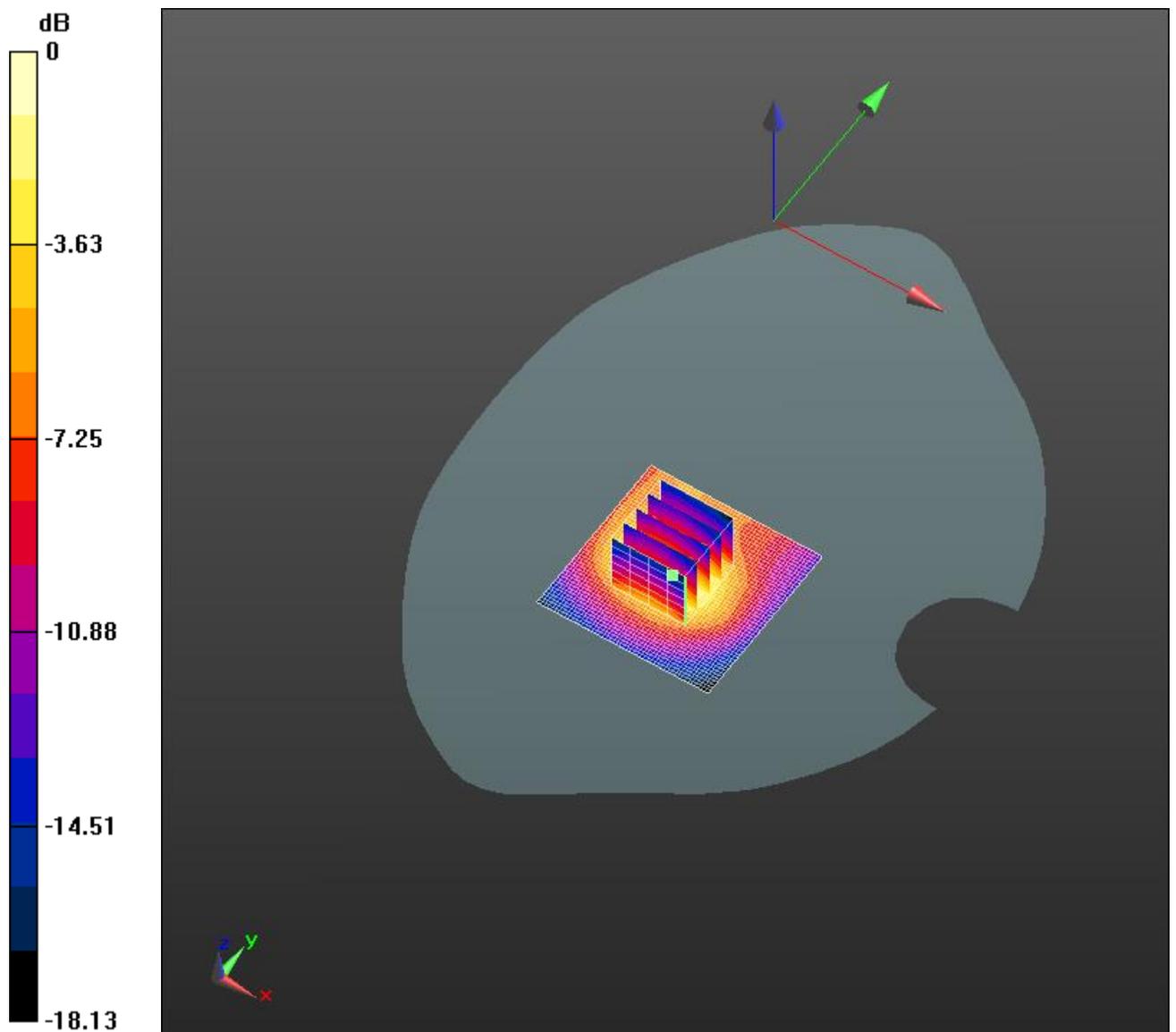
UMTS Band 2_Back 15mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.892 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.790 mW/g

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.474 W/kg = -6.48 dB W/kg

Date: 2015.05.25.

1.1.10 Y560-U23 WCDMA BAND5 Head Left cheek Mid

Medium: HSL900

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.352$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.55, 6.55, 6.55); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 5_left head cheek/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm,
dy=1.500 mm

Maximum value of SAR (interpolated) = 0.529 W/kg

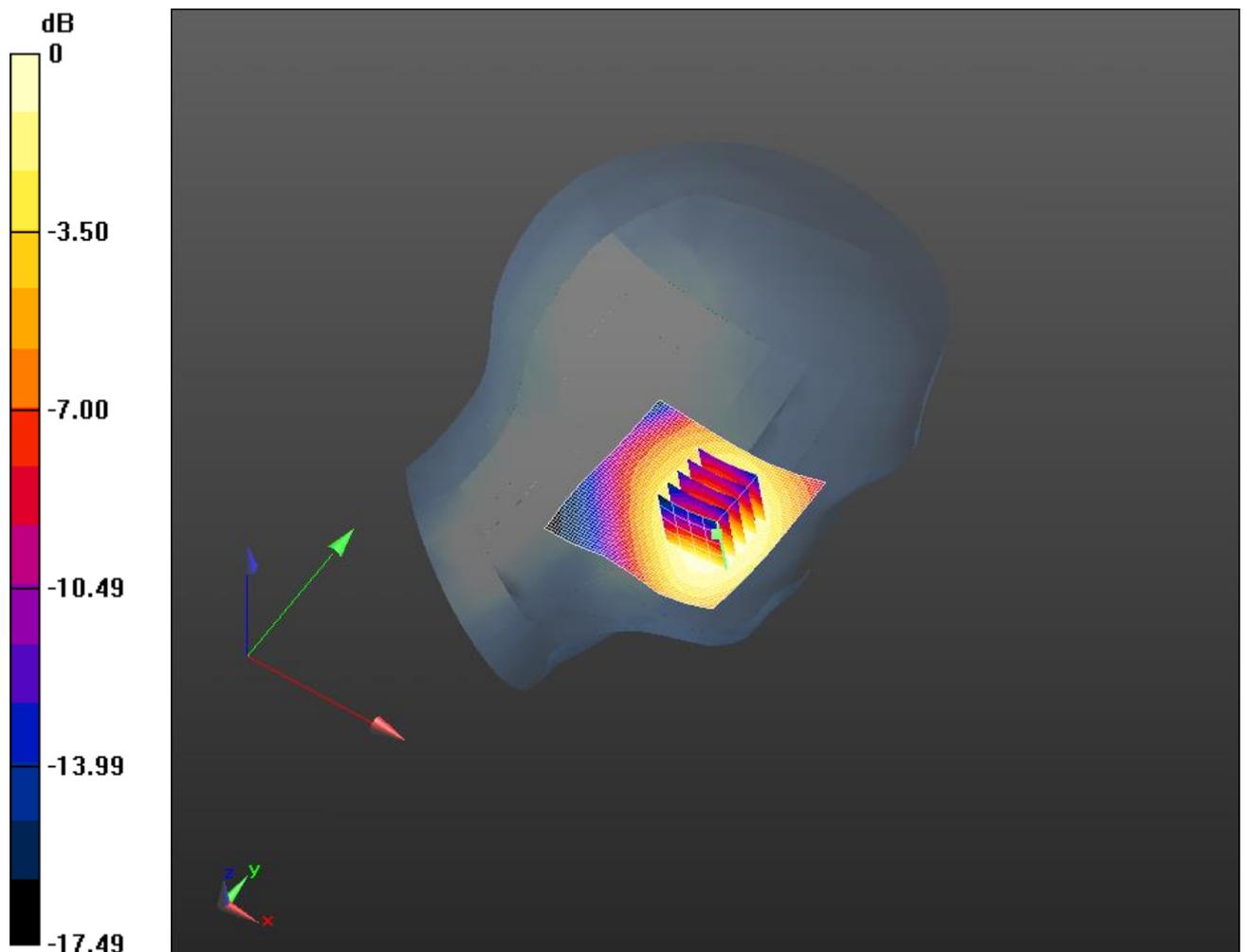
UMTS Band 5_left head cheek/Mid/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=8mm

Reference Value = 10.054 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.610 mW/g

SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.529 W/kg = -5.52 dB W/kg

Date: 2015.05.25.

1.1.11 Y560-U23 WCDMA Body BAND5 Back Side Low 10mm

Medium: MSL900

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.952$ mho/m; $\epsilon_r = 55.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

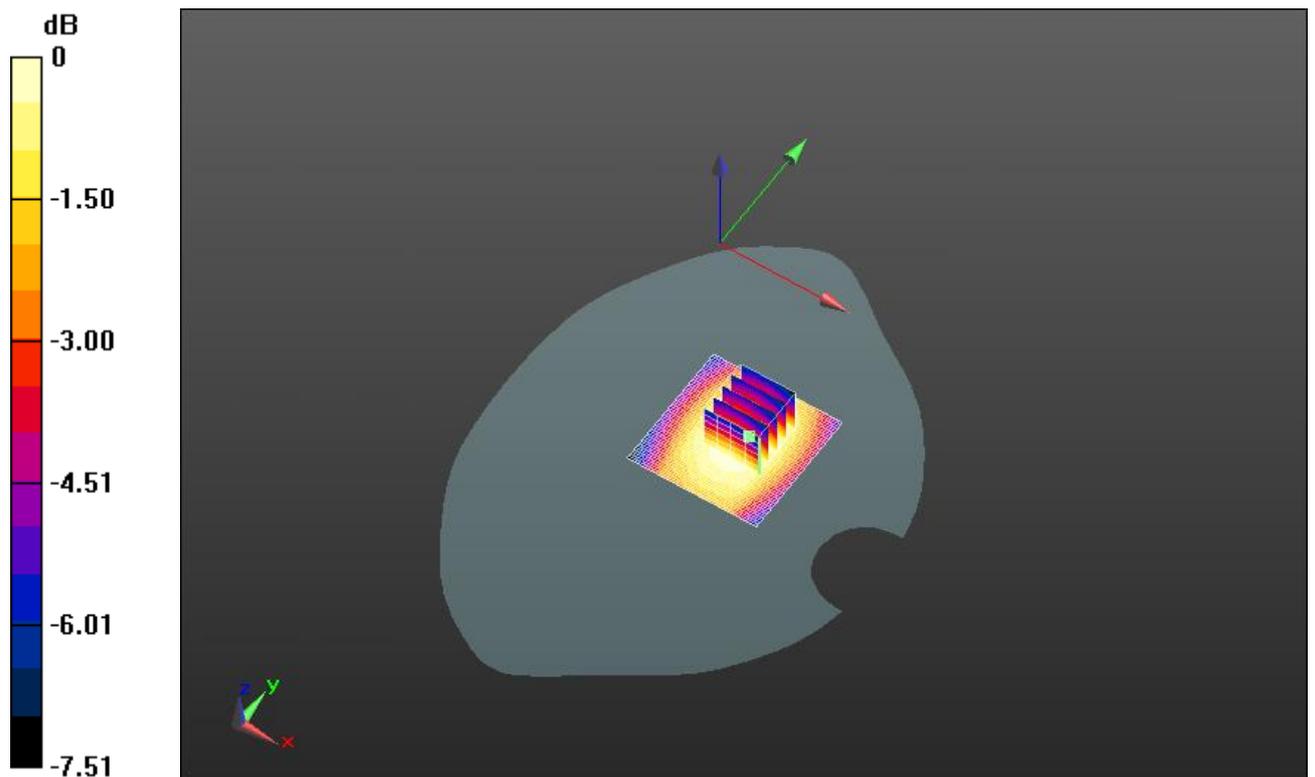
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;
Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 5_body Back 10mm/Low/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm,
dy=1.500 mm
Maximum value of SAR (interpolated) = 0.781 W/kg

UMTS Band 5_body Back 10mm/Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 25.013 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.935 mW/g
SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.781 W/kg = -2.15 dB W/kg

Date: 2015.05.25.

1.1.12 Y560-U23 WCDMA Body BAND5 Back Side Mid 15mm

Medium: MSL900

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 5_body Back 15mm/Mid/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.613 W/kg

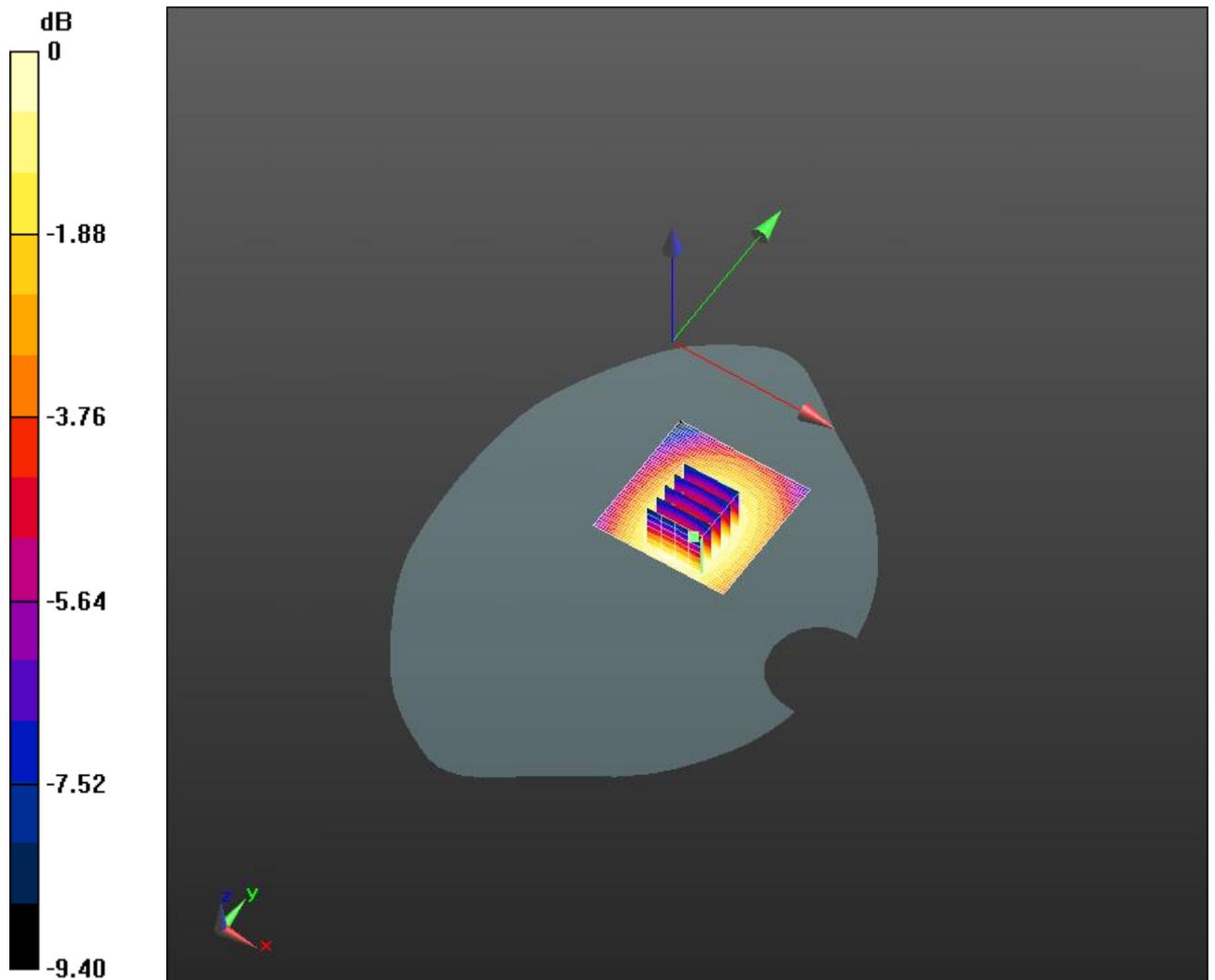
UMTS Band 5_body Back 15mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.914 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.713 mW/g

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.613 W/kg = -4.25 dB W/kg

Date: 2015.05.28.

1.1.13 Y560-U23(B2) WiFi 802.11b Head Left Cheek Mid

Medium: HSL2450

Communication System: WiFi (802.11a/b/g/n); Communication System Band: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r = 39.441$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.55, 4.55, 4.55); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b-Left Head/left Check-Mid B2/Area Scan (51x61x1): Interpolated grid: dx=1.500 mm,
dy=1.500 mm

Maximum value of SAR (interpolated) = 0.377 W/kg

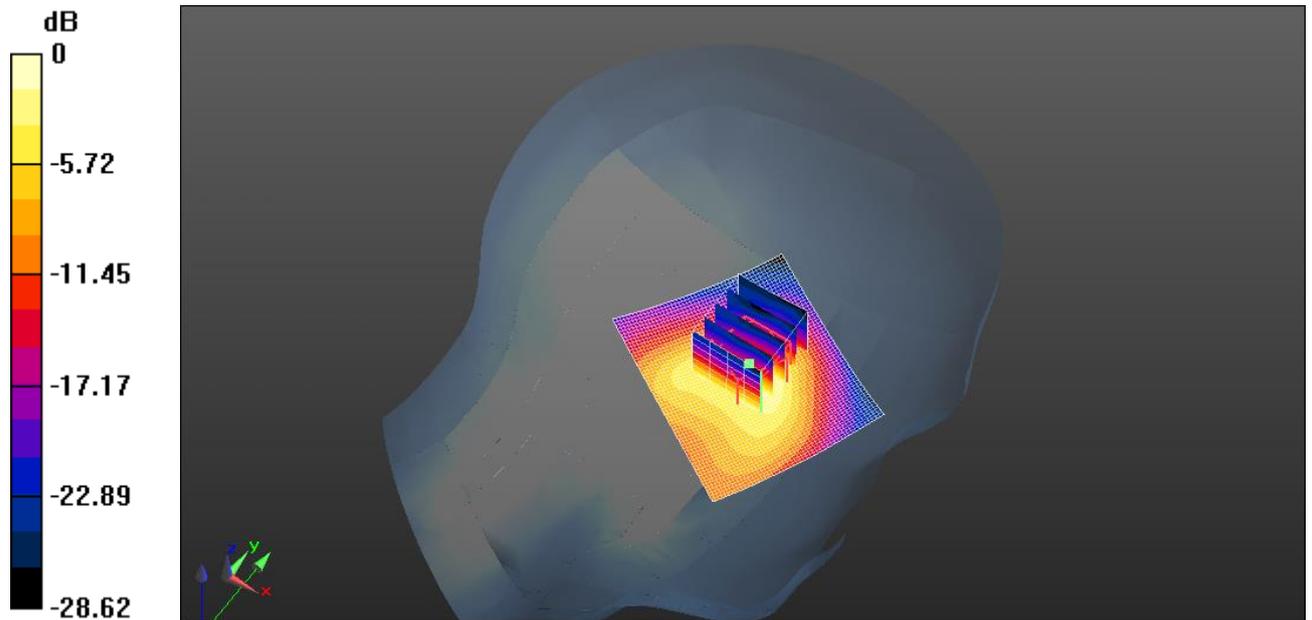
802.11b-Left Head/left Check-Mid B2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 8.152 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.934 mW/g

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.377 W/kg = -8.47 dB W/kg

Date: 2015.05.28.

1.1.14 Y560-U23 2.4WiFi(802.11b) Body Back Side 10mm

Medium: MSL2450

Communication System: WiFi (802.11a/b/g/n); Communication System Band: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.011$ mho/m; $\epsilon_r = 50.719$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.47, 4.47, 4.47); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b 2/Facedown-Mid 10mm/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0948 W/kg

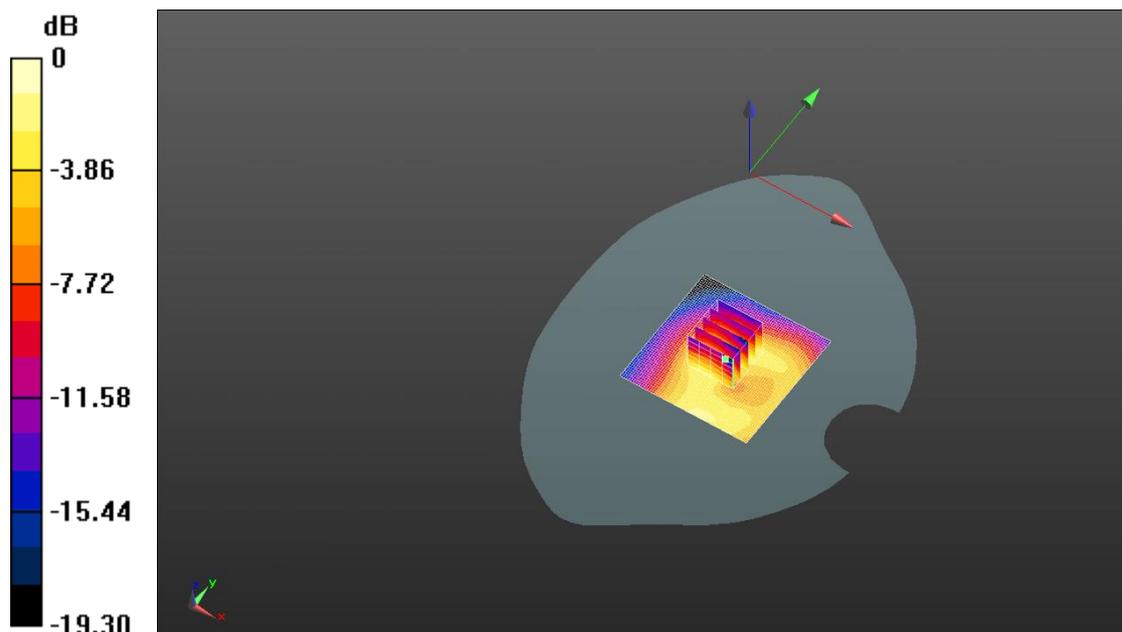
802.11b 2/Facedown-Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.703 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.198 mW/g

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.0955 W/kg



0 dB = 0.0948 W/kg = -20.46 dB W/kg

Date: 2015.05.28.

1.1.15 Y560-U23 2.4WiFi(802.11b) Back Side 15mm

Medium: MSL2450

Communication System: WiFi (802.11a/b/g/n); Communication System Band: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.011$ mho/m; $\epsilon_r = 50.719$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.47, 4.47, 4.47); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b 2/Facedown-Mid 10mm B2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm,

dy=1.500 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

802.11b 2/Facedown-Mid 10mm B2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

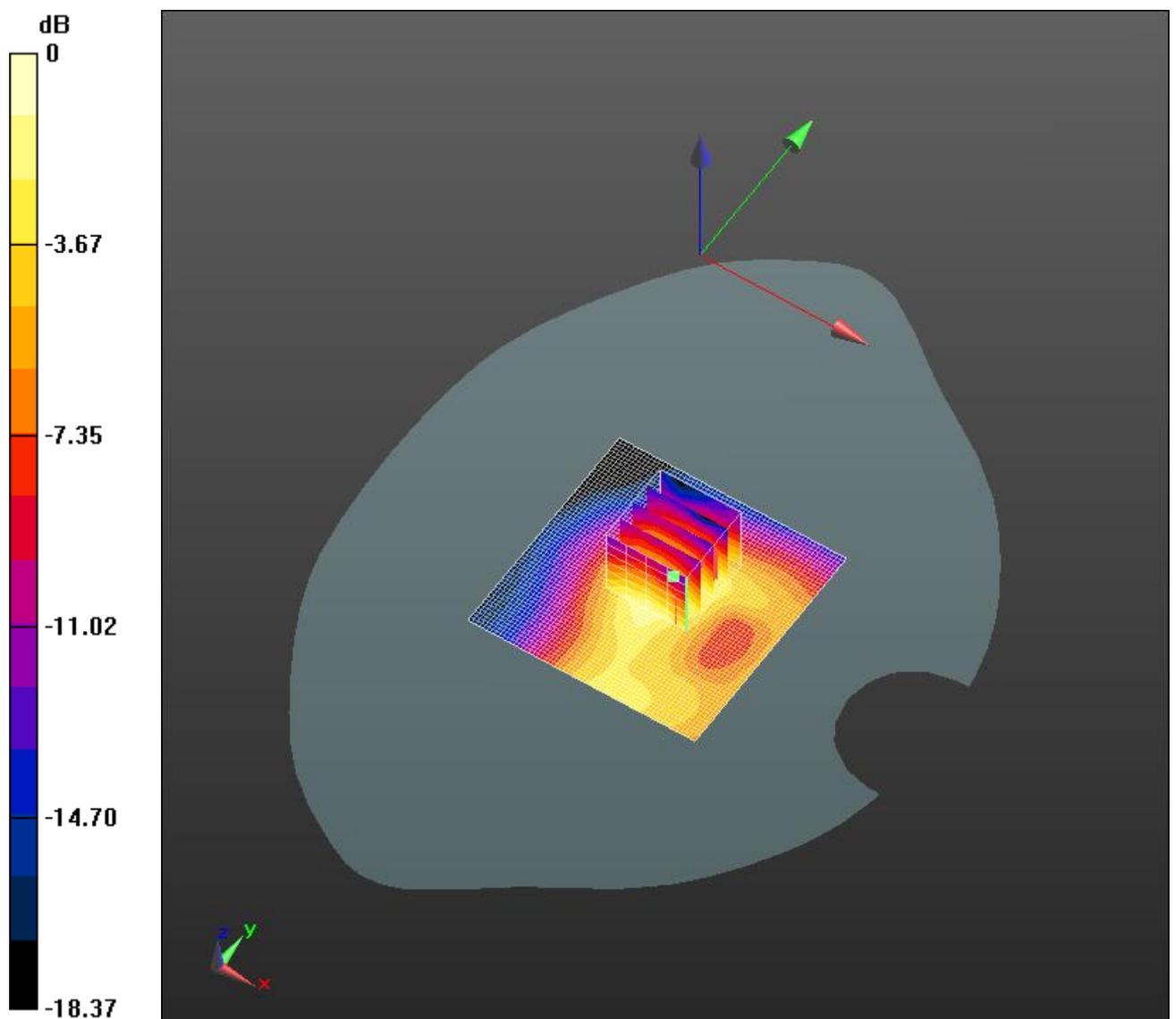
dy=8mm, dz=5mm

Reference Value = 7.563 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.249 mW/g

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.124 W/kg = -18.17 dB W/kg