Appendix B. MEASUREMENT SCANS

Date: 2016.01.25.

HY1-5137 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; σ = 0.91 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3

Phantom section: Right Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(9.86, 9.86, 9.86); Calibrated: 2015.11.26.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

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

Reference Value = 10.088 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (interpolated) = 0.291 W/kg

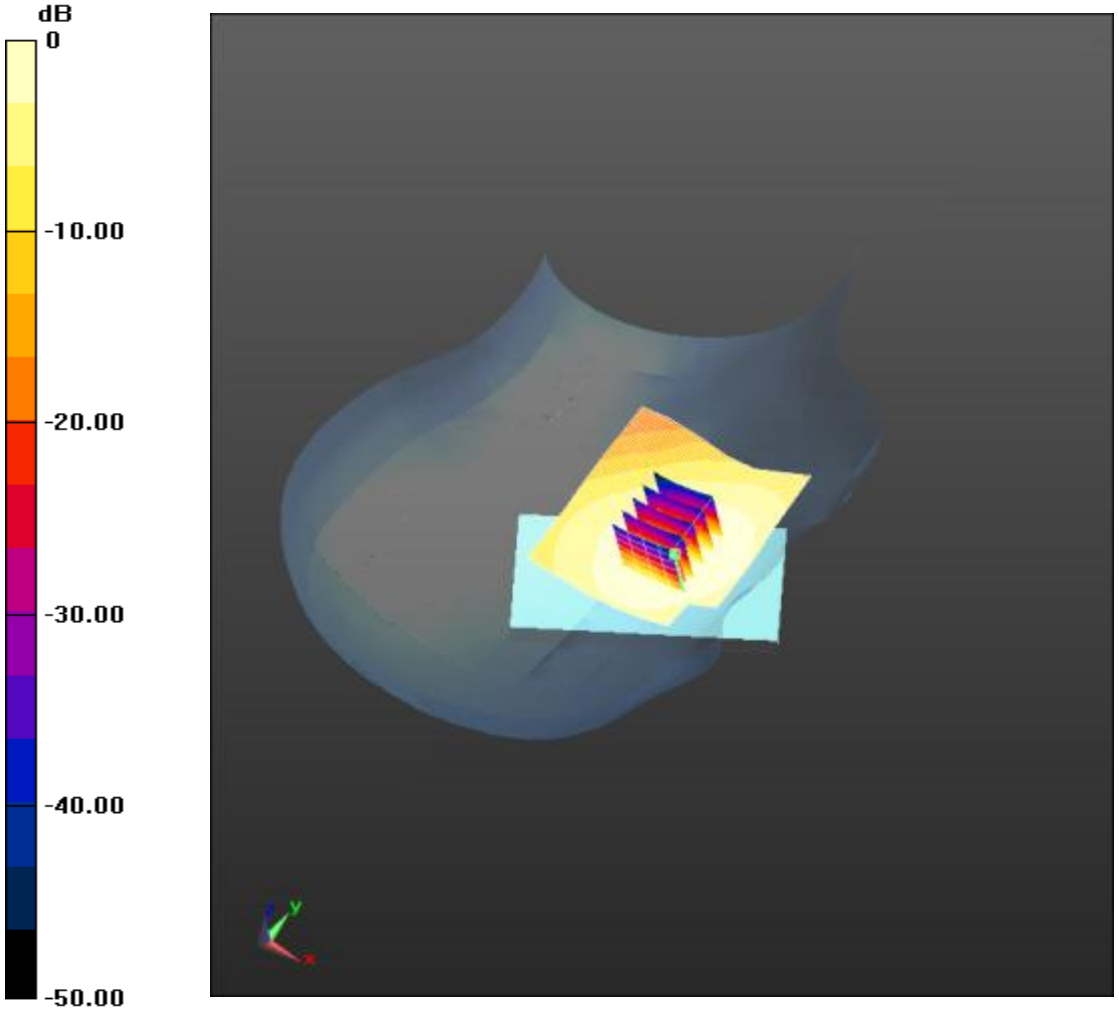
GSM 850_Right Cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.088 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.340 mW/g

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.291 W/kg = -10.72 dB W/kg

Date: 2016.01.25.

HY1-5137 GPRS850 Body Hotspot Rear Side High

Medium: MSL900

Communication System: GPRS 4 Tx slots; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Duty Cycle: 1:2.08

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.98 mho/m; ε_r = 55.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(9.45, 9.45, 9.45); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GPRS 850_Back/High/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 28.594 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (interpolated) = 0.925 W/kg

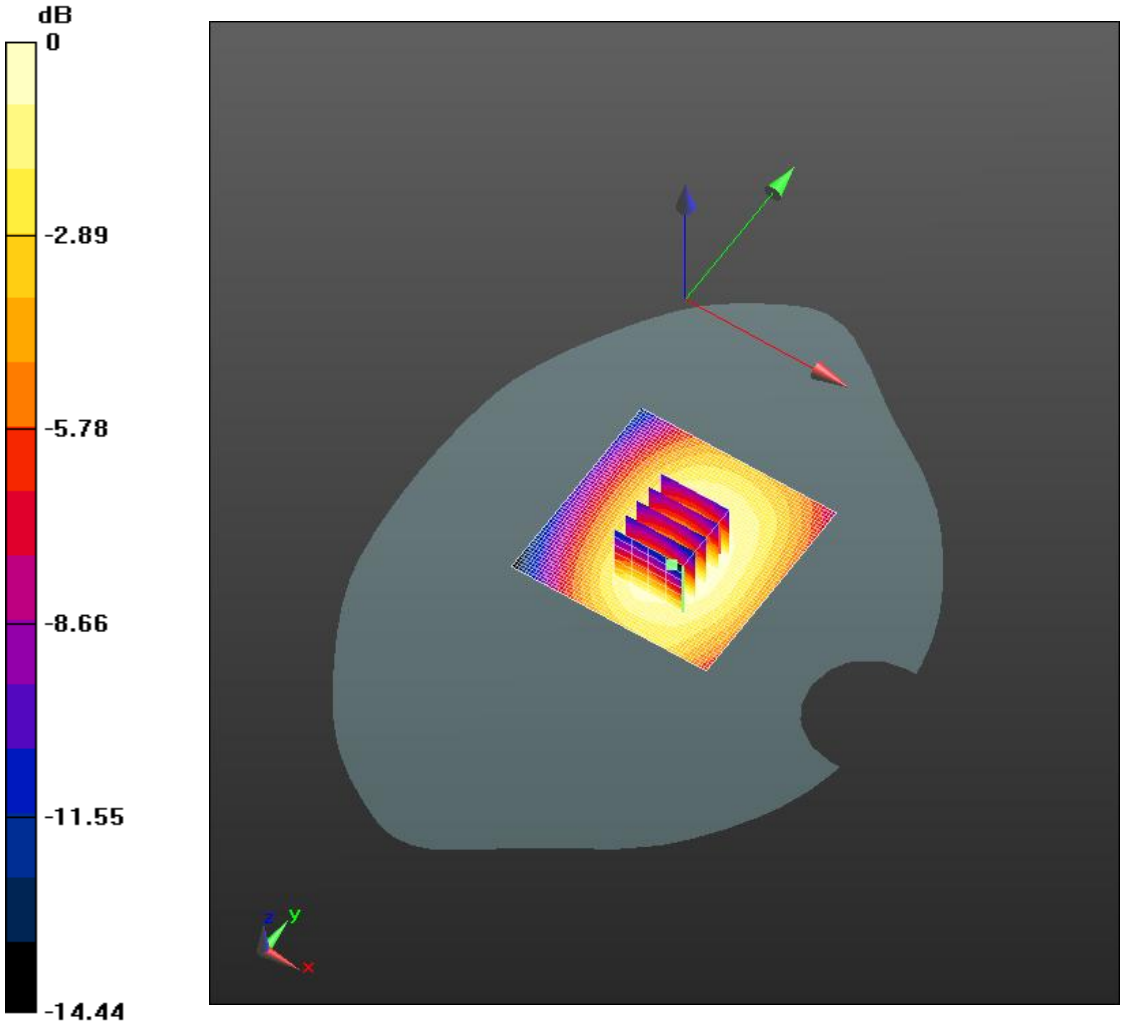
GPRS 850_Back/High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.594 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.093 mW/g

SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.661 mW/g

Maximum value of SAR (measured) = 0.910 W/kg



0 dB = 0.925 W/kg = -0.68 dB W/kg

Date: 2016.01.25.

HY1-5137 GSM850 Body Worn Rear Side Mid

Medium: MSL900

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; σ = 0.98 mho/m; ε_r = 55.858; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(9.45, 9.45, 9.45); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GSM 850_Back 15mm/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.088 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.381 mW/g

Maximum value of SAR (interpolated) = 0.575 W/kg

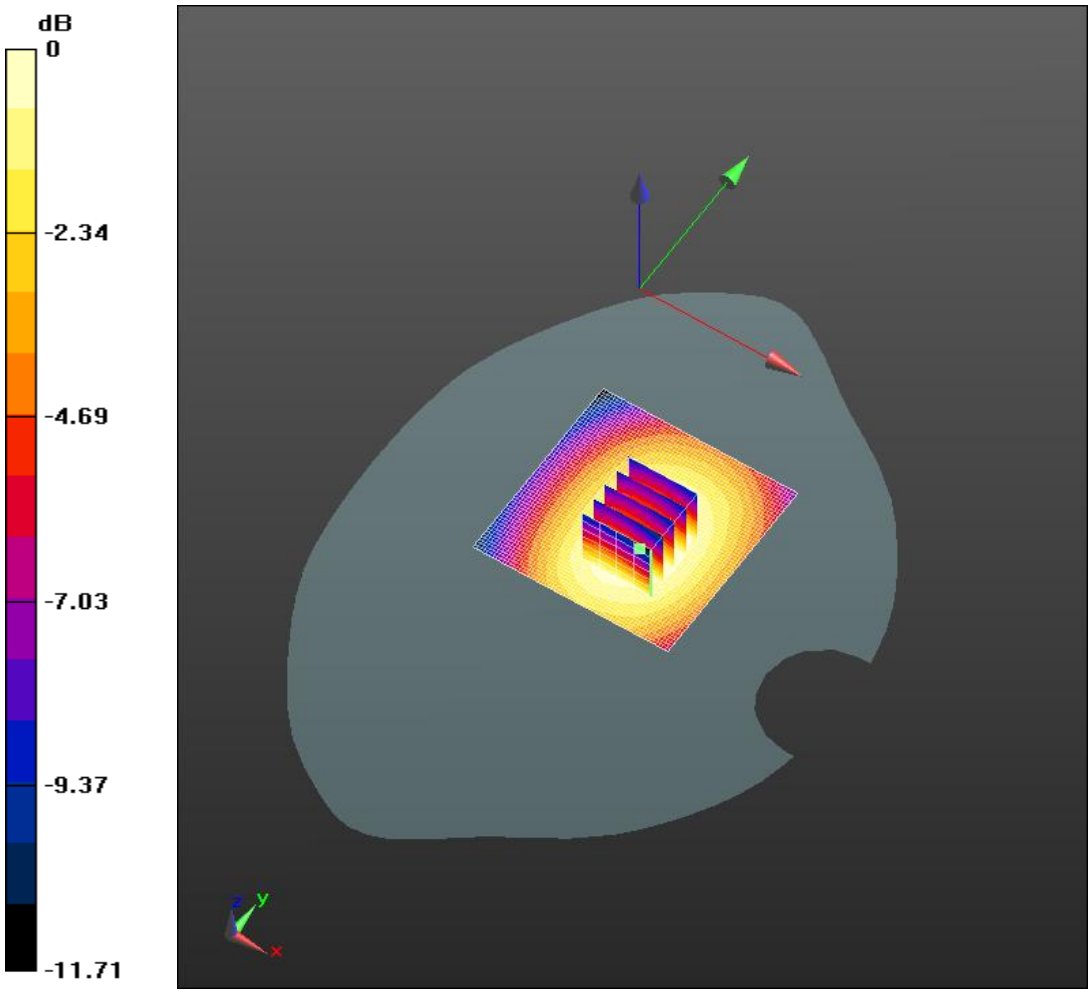
GSM 850_Back 15mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.088 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.699 mW/g

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 0.573 W/kg



0 dB = 0.575 W/kg = -4.80 dB W/kg

Date: 2016.01.26.

HY1-5137 GSM1900 Head Left 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 MHz; σ = 1.41 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.96, 7.96, 7.96); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_Left GSM Head/1900 GSM Cheek-Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 4.222 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (interpolated) = 0.348 W/kg

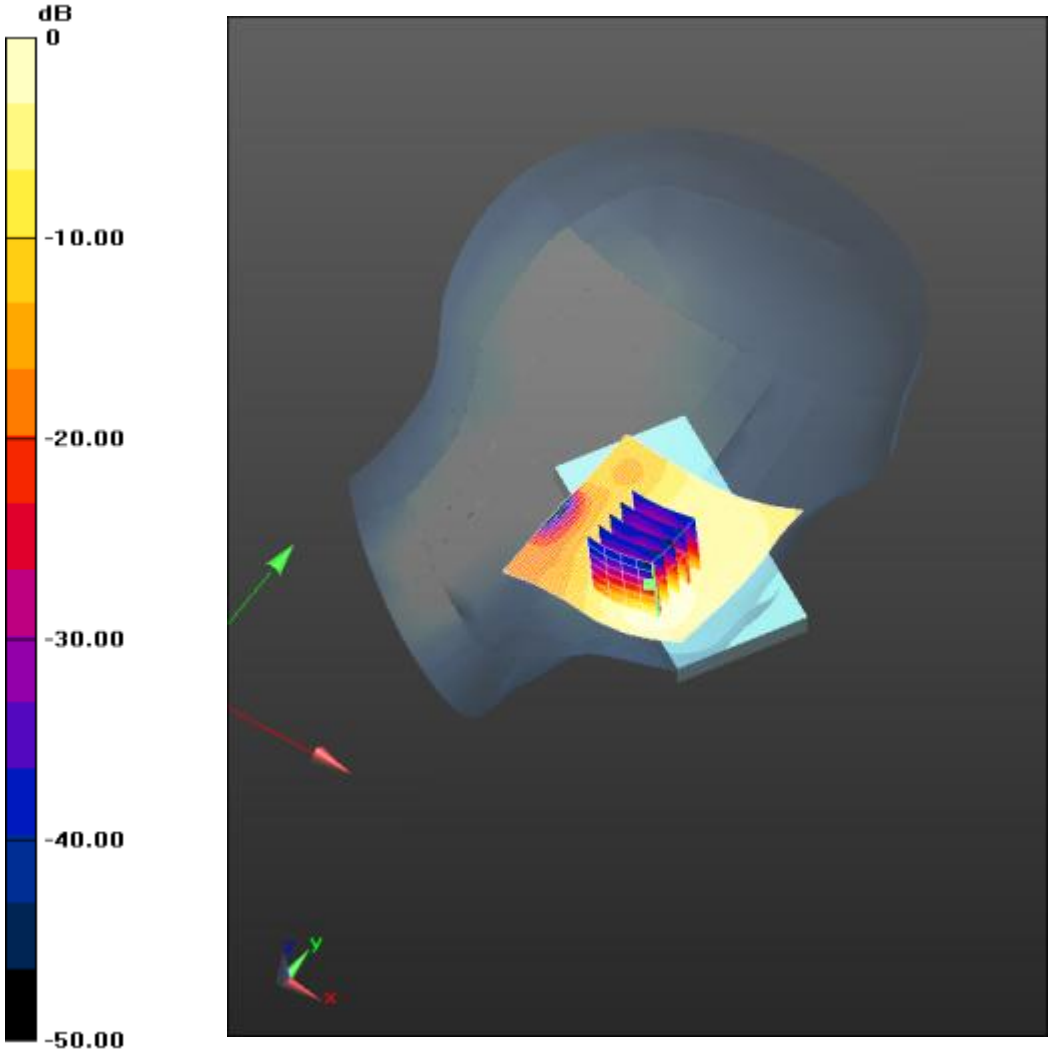
1900_Left GSM Head/1900 GSM Cheek-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.222 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.664 mW/g

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.348 W/kg = -9.17 dB W/kg

Date: 2016.01.26.

HY1-5137 GPRS1900 Body Hotspot Bottom Side High

Medium: MSL1900

Communication System: GPRS 4 Tx slots; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz;Duty Cycle: 1:2.08

Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_GPRS/GPRS1900 10mm Bottom-High /Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 22.077 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (interpolated) = 1.15 W/kg

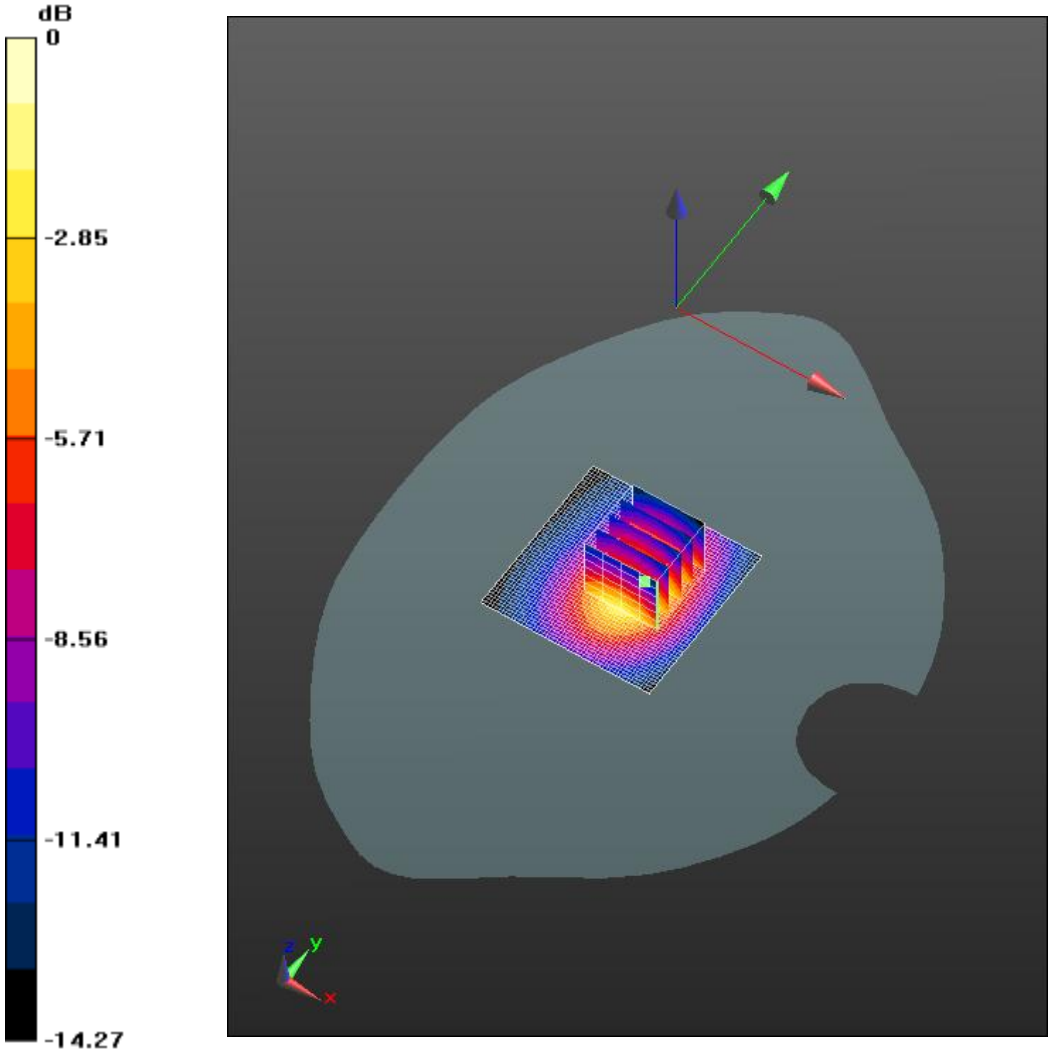
1900_GPRS/GPRS1900 10mm Bottom-High /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.077 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.833 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.15 W/kg = 1.19 dB W/kg

Date: 2016.01.26.

HY1-5137 GSM1900 Body Worn Front Side Mid

Medium: MSL1900

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 MHz; σ = 1.53 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_GSM/GSM1900 Faceup-Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.685 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (interpolated) = 0.456 W/kg

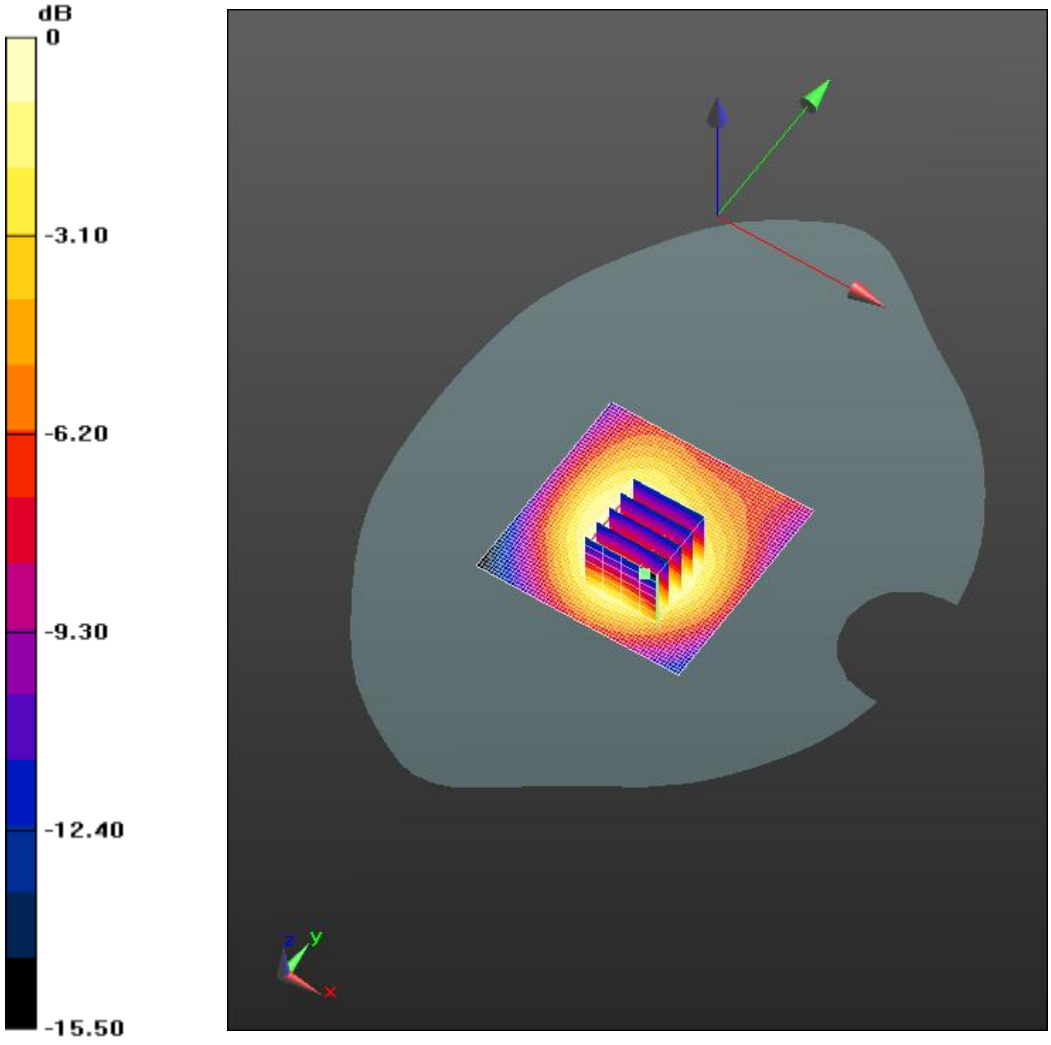
1900_GSM/GSM1900 Faceup-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.685 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.682 mW/g

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.443 W/kg



0 dB = 0.456 W/kg = -6.82 dB W/kg

Date: 2016.01.26.

HY1-5137 WCDMA BAND II Head Left 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; σ = 1.41 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.96, 7.96, 7.96); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2 _left head cheek/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 6.062 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (interpolated) = 0.427 W/kg

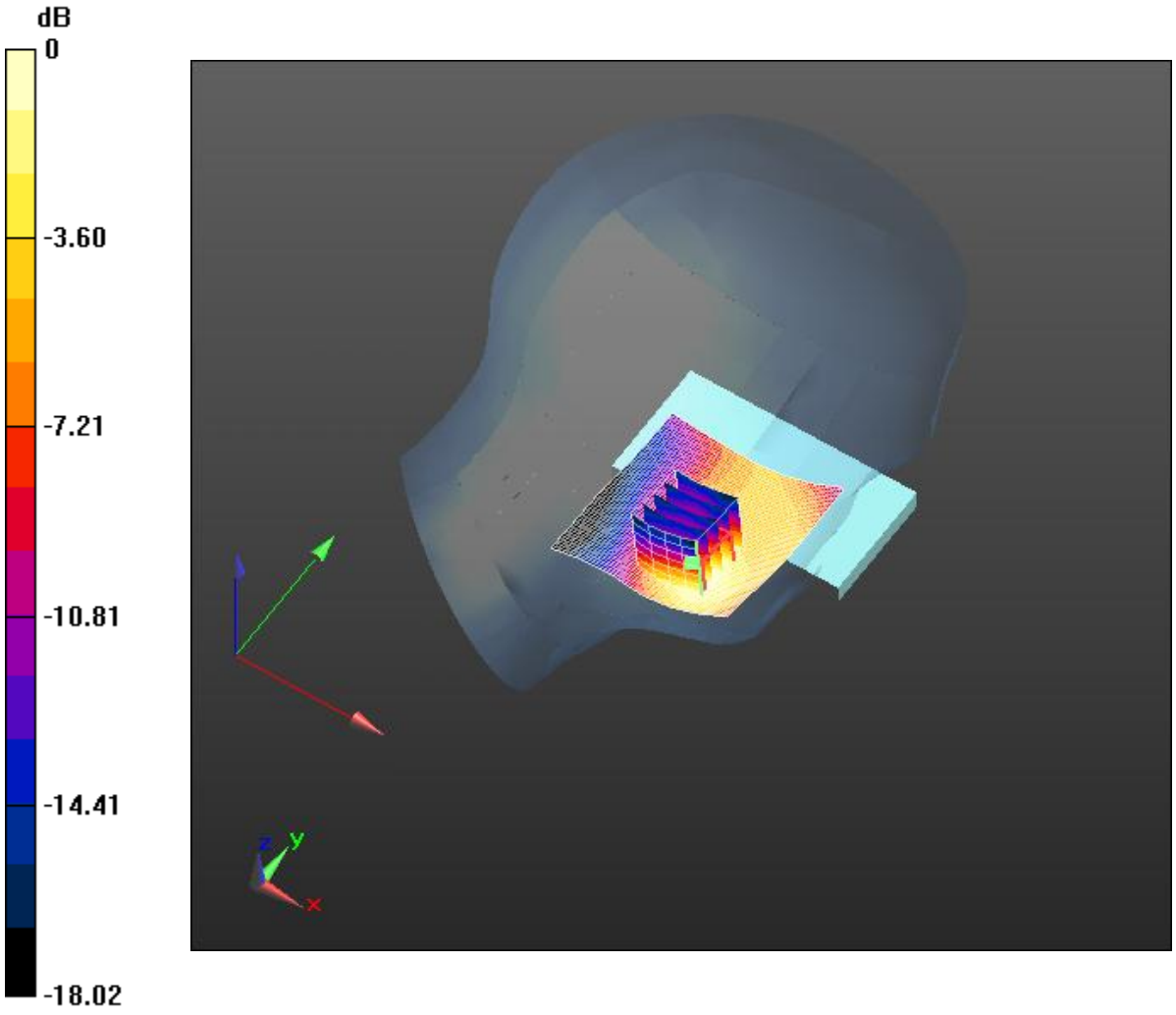
UMTS Band 2 _left head cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.062 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.791 mW/g

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.427 W/kg = -7.39 dB W/kg

Date: 2016.01.26.

HY1-5137 WCDMA BAND II Body Hotspot Bottom Side Mid

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; σ = 1.53 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2_ body bottom/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 6.062 V/m; Power Drift = 0.20 dB

Fast SAR: SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.465 mW/g

Maximum value of SAR (interpolated) = 1.05 W/kg

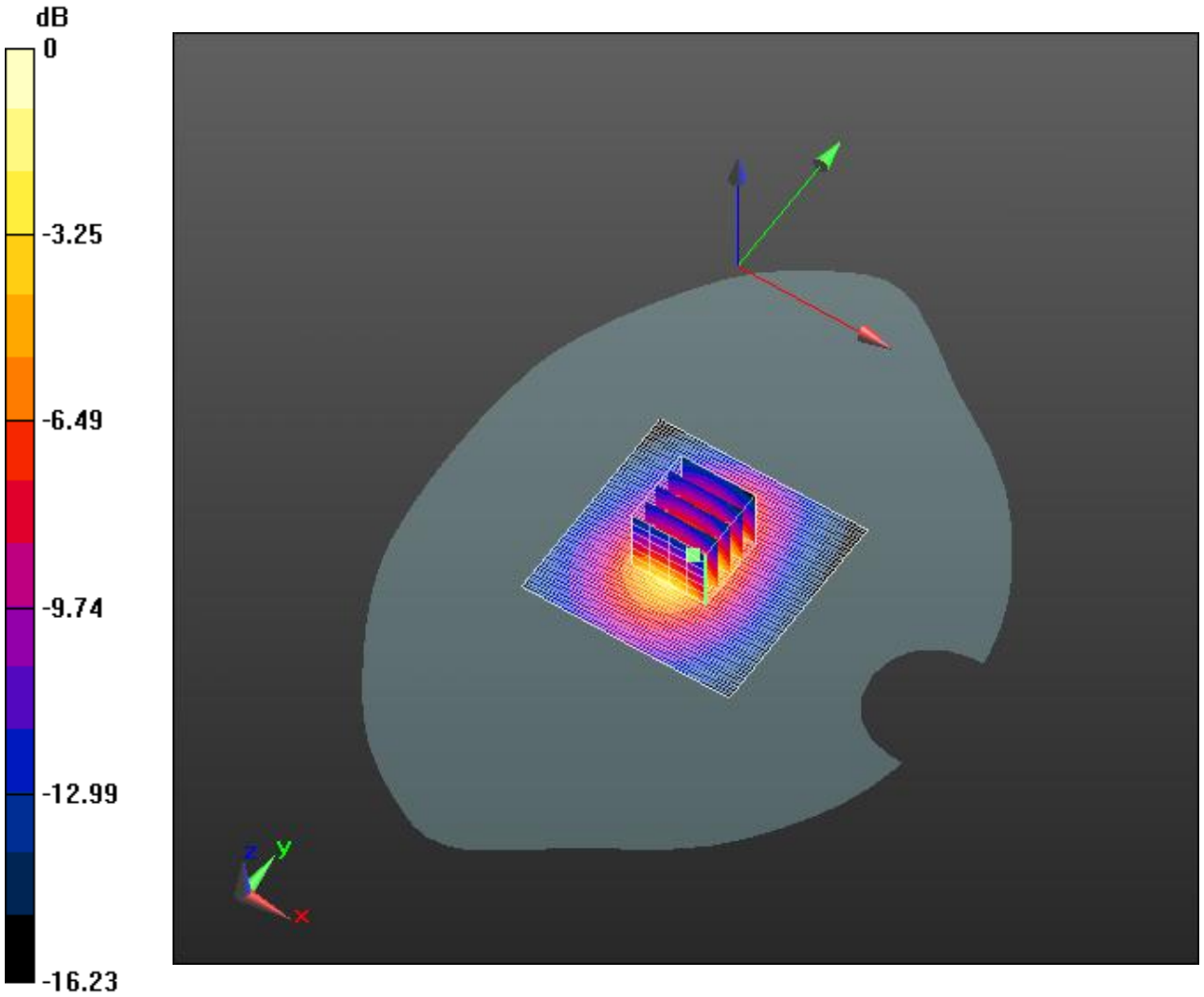
UMTS Band 2_ body bottom/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.062 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 1.534 mW/g

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.965 W/kg



0 dB = 1.05 W/kg = 0.43 dB W/kg

Date: 2016.01.26.

HY1-5137 WCDMA BAND II Body Worn Front Side Mid

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; σ = 1.53 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2_ Front 15mm/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 6.062 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (interpolated) = 0.395 W/kg

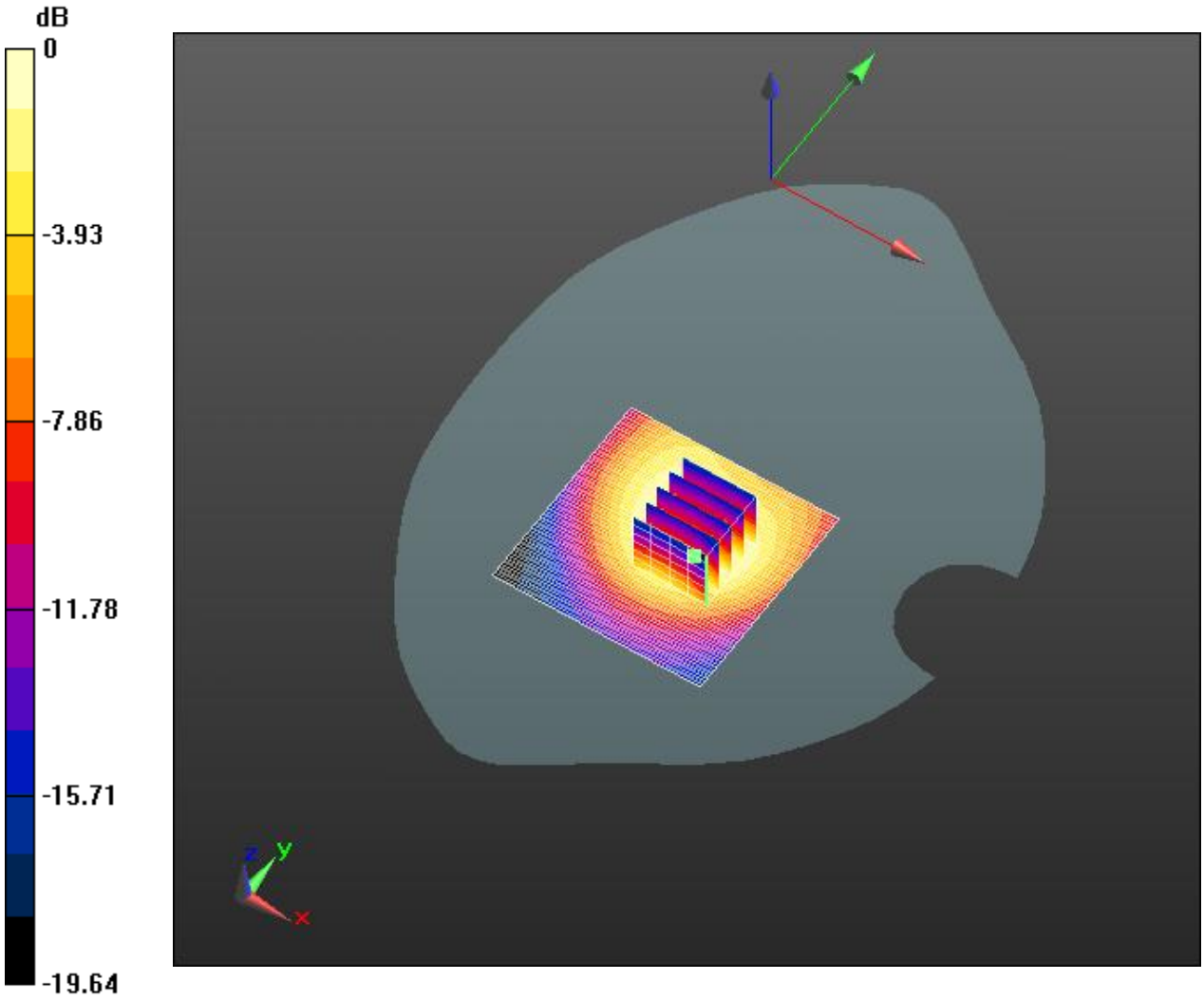
UMTS Band 2_ Front 15mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.062 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.573 mW/g

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.206 mW/g

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



0 dB = 0.395 W/kg = -8.06 dB W/kg

Date: 2016.01.29.

HY1-5137 WCDMA BAND IV Head Left Cheek Mid

Medium: HSL1800

Communication System: UMTS-FDD; Communication System Band: Band4; Frequency: 1740 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1740 MHz; σ = 1.36 mho/m; ε_r = 40.0; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(5.22, 5.22, 5.22); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 4_left head cheek/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.162 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (interpolated) = 0.516 W/kg

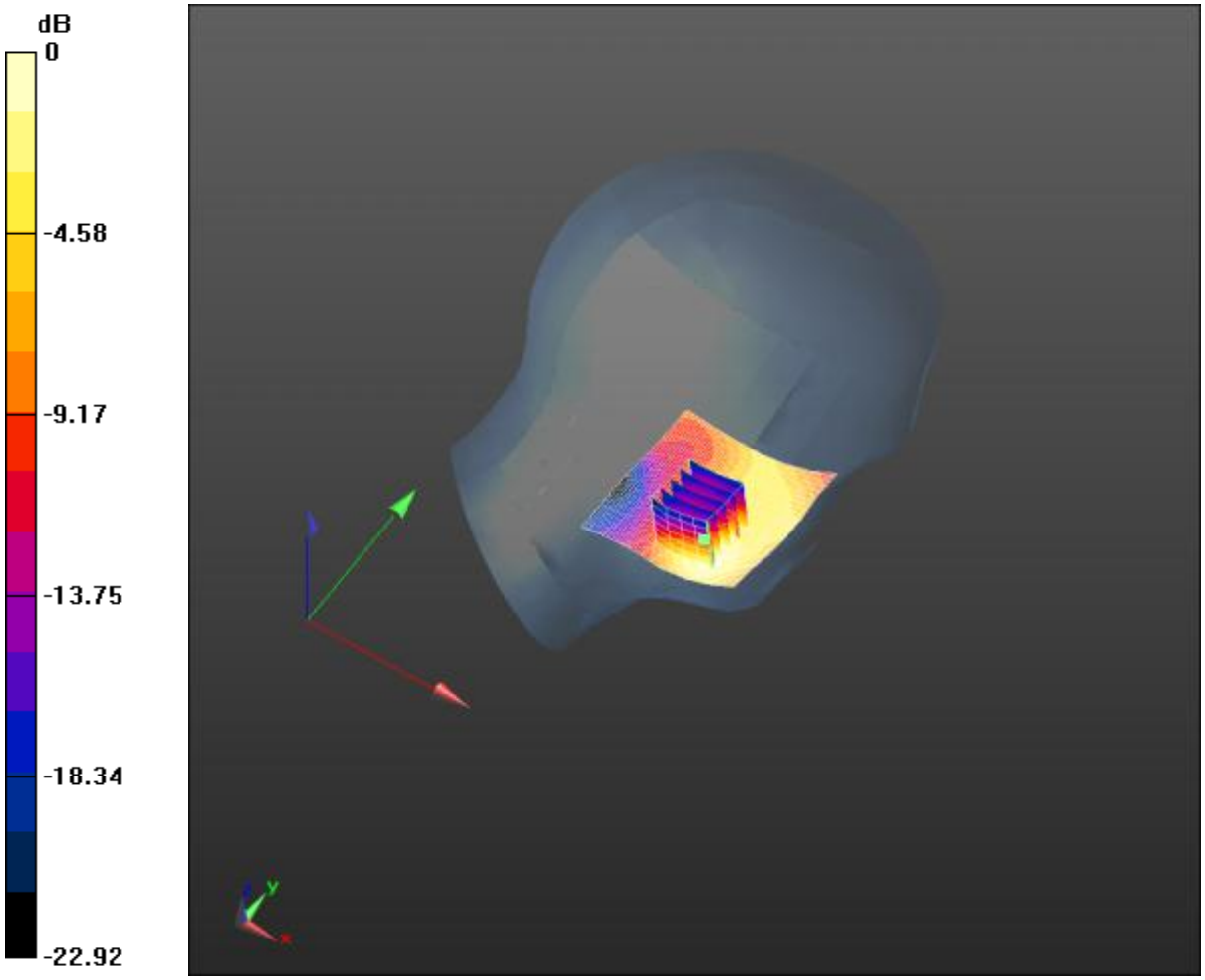
UMTS Band 4_left head cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.162 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.882 mW/g

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.493 W/kg



0 dB = 0.516 W/kg = -5.74 dB W/kg

Date: 2016.01.29.

HY1-5137 WCDMA BAND IV Body Hotspot Rear Side Mid

Medium: MSL1800

Communication System: UMTS-FDD; Communication System Band: Band4; Frequency: 1740 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1740 MHz; σ = 1.5 mho/m; ε_r = 53.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.81, 4.81, 4.81); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 4_body Faceup/Back Mid /Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 16.497 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (interpolated) = 0.808 W/kg

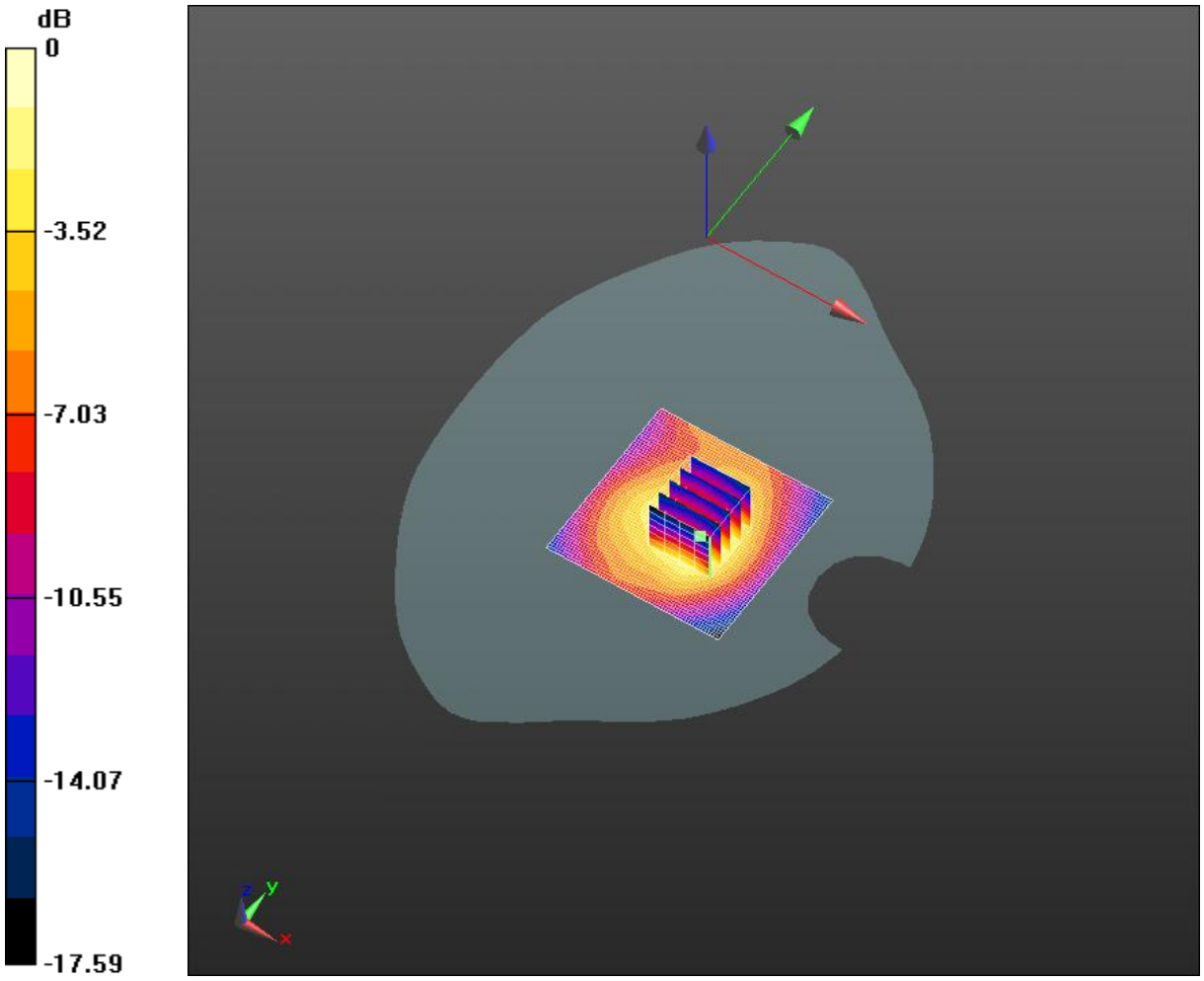
UMTS Band 4_body Faceup/Back Mid /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.497 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.243 mW/g

SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.808 W/kg = -1.85 dB W/kg

Date: 2016.01.29.

HY1-5137 WCDMA BAND IV Body Worn Rear Side Mid

Medium: MSL1800

Communication System: UMTS-FDD; Communication System Band: Band4; Frequency: 1740 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1740 MHz; σ = 1.5 mho/m; ε_r = 53.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.81, 4.81, 4.81); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 4_body Facedown/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.162 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (interpolated) = 0.418 W/kg

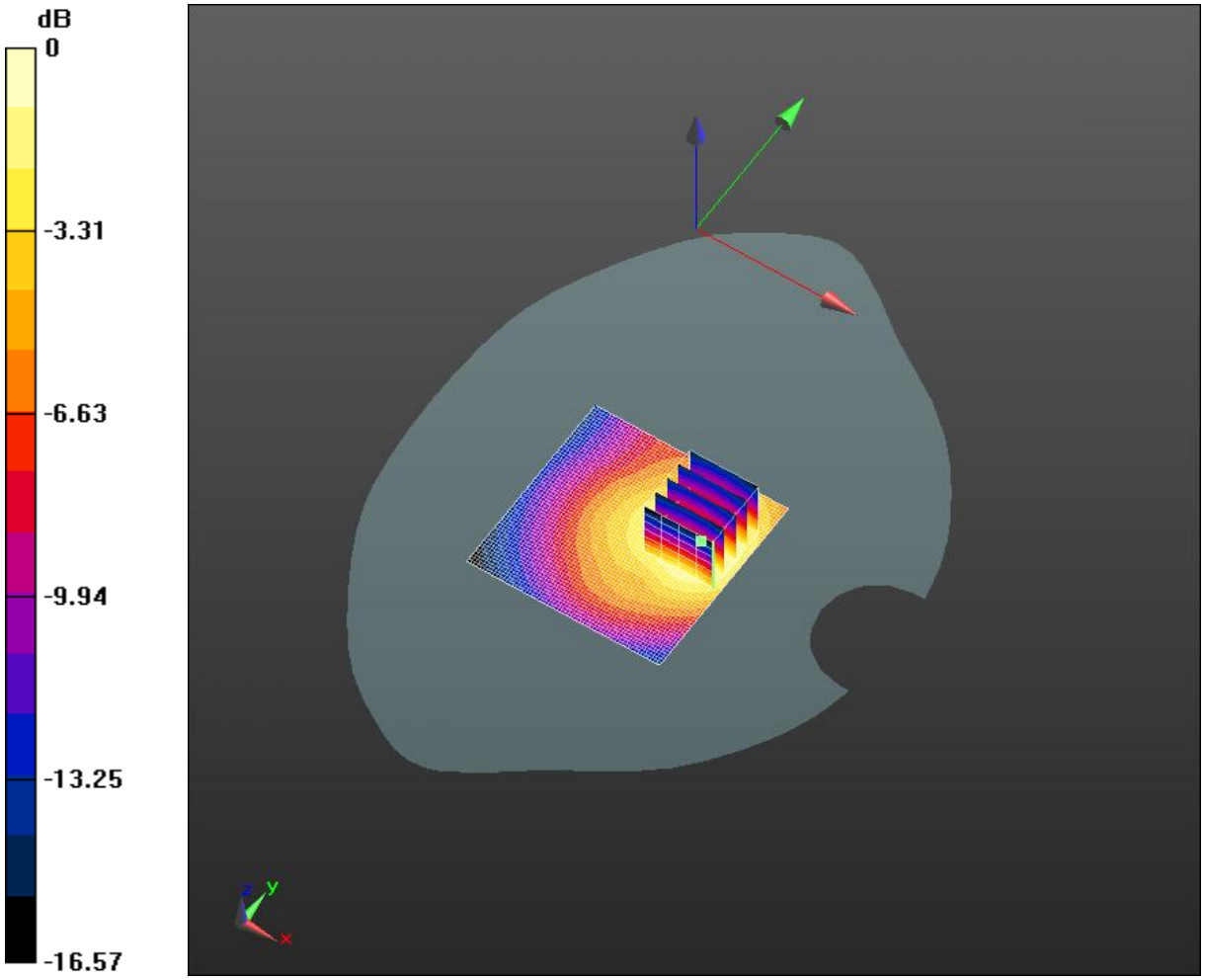
UMTS Band 4_body Facedown/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.162 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.616 mW/g

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.418 W/kg = -7.58 dB W/kg

Date: 2016.01.25.

HY1-5137 WCDMA BAND V Head Right Cheek Mid

Medium: HSL900

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; σ = 0.91 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3

Phantom section: Right Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(9.86, 9.86, 9.86); Calibrated: 2015.11.26.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

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

Reference Value = 7.241 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (interpolated) = 0.545 W/kg

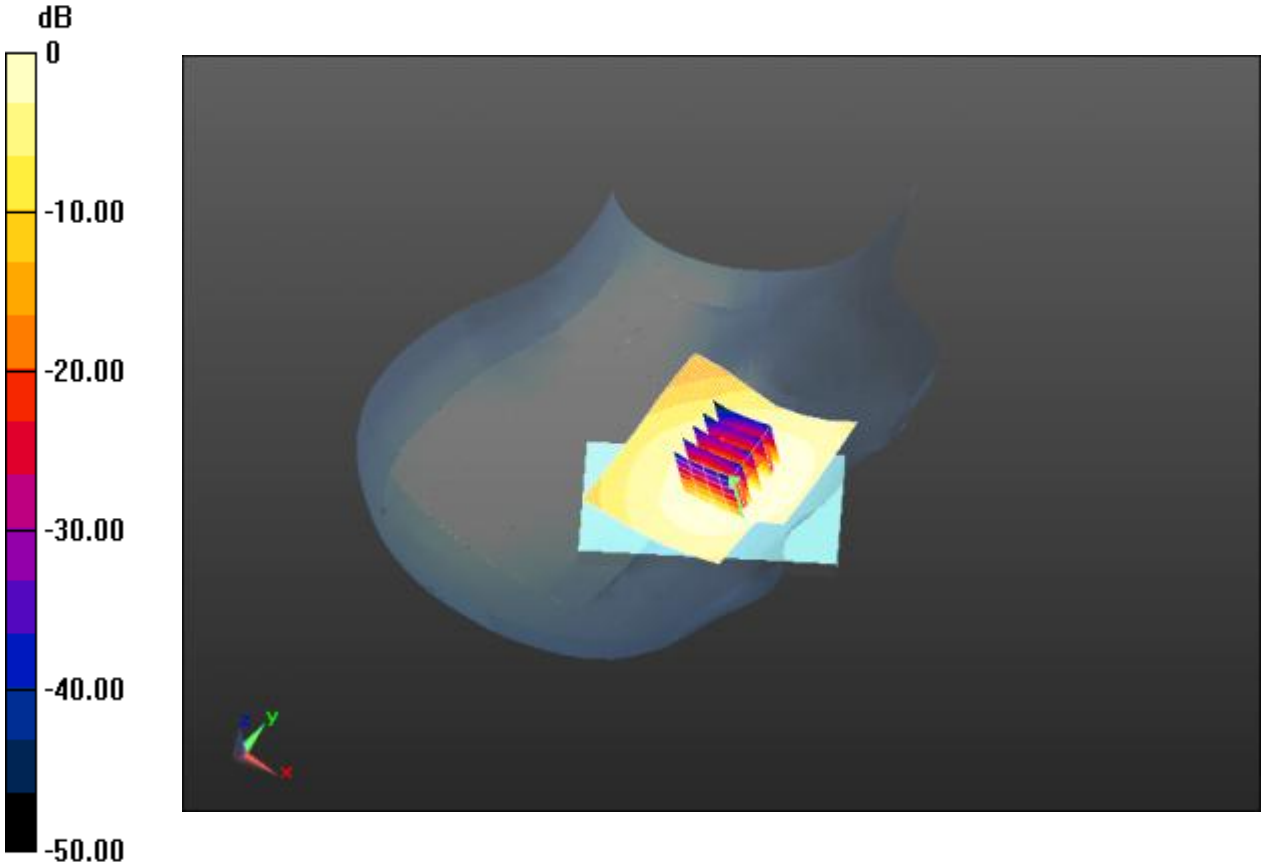
UMTS Band 5_right head cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.241 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.640 mW/g

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.545 W/kg = -5.27 dB W/kg

Date: 2016.01.25.

HY1-5137 WCDMA BAND V Body Hotspot Rear Side Mid

Medium: MSL900

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Duty Cycle: 1:1.95434

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.98 mho/m; ε_r = 55.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(9.66, 9.66, 9.66); Calibrated: 2015.11.26.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

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

Reference Value = 7.241 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (interpolated) = 0.734 W/kg

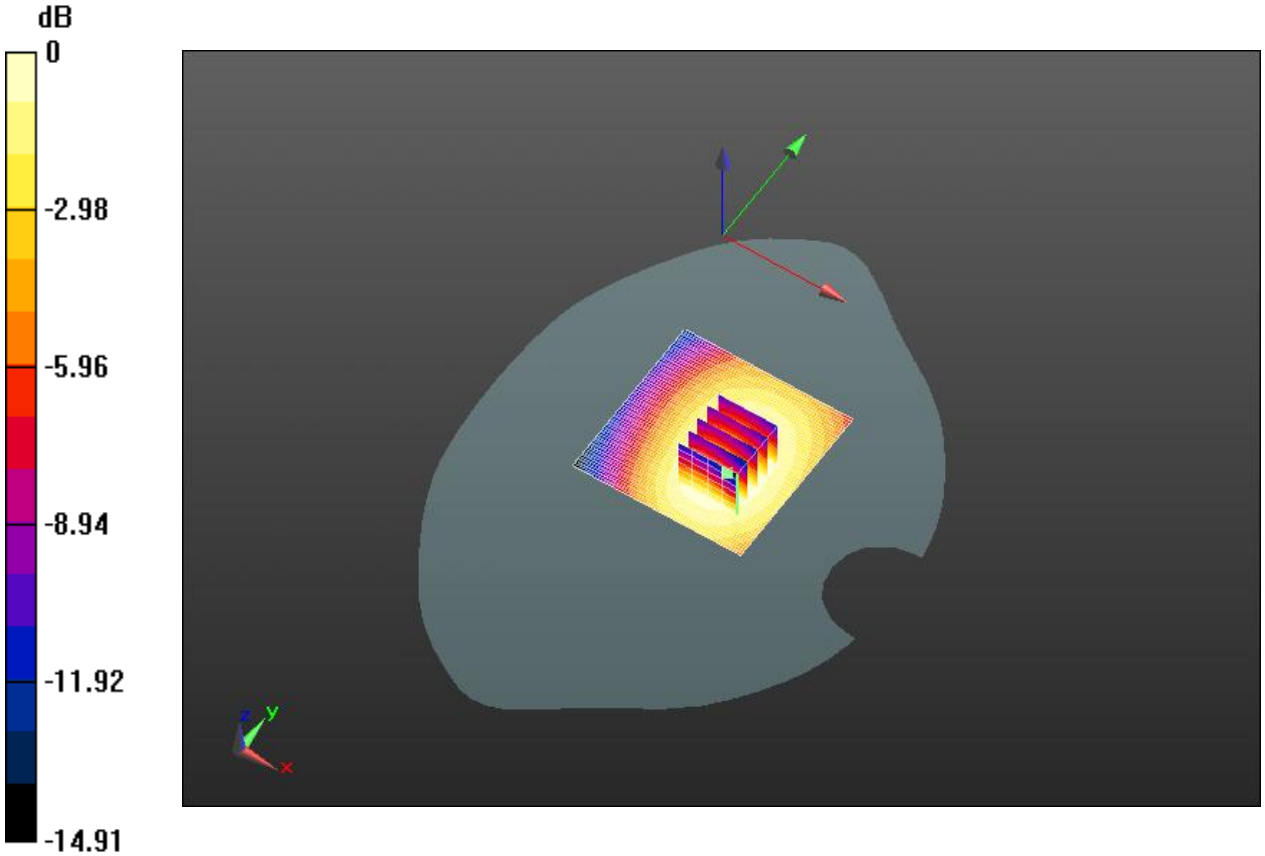
UMTS Band 5_body Back/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.241 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.861 mW/g

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.534 mW/g

Maximum value of SAR (measured) = 0.729 W/kg



0 dB = 0.734 W/kg = -2.68 dB W/kg

Date: 2016.01.25.

HY1-5137 WCDMA BAND V Body Worn Rear Side Mid

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; σ = 0.98 mho/m; ε_r = 55.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(9.66, 9.66, 9.66); Calibrated: 2015.11.26.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 5_body Back 15mm/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.241 V/m; Power Drift = 0.19 dB

Fast SAR: SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (interpolated) = 0.494 W/kg

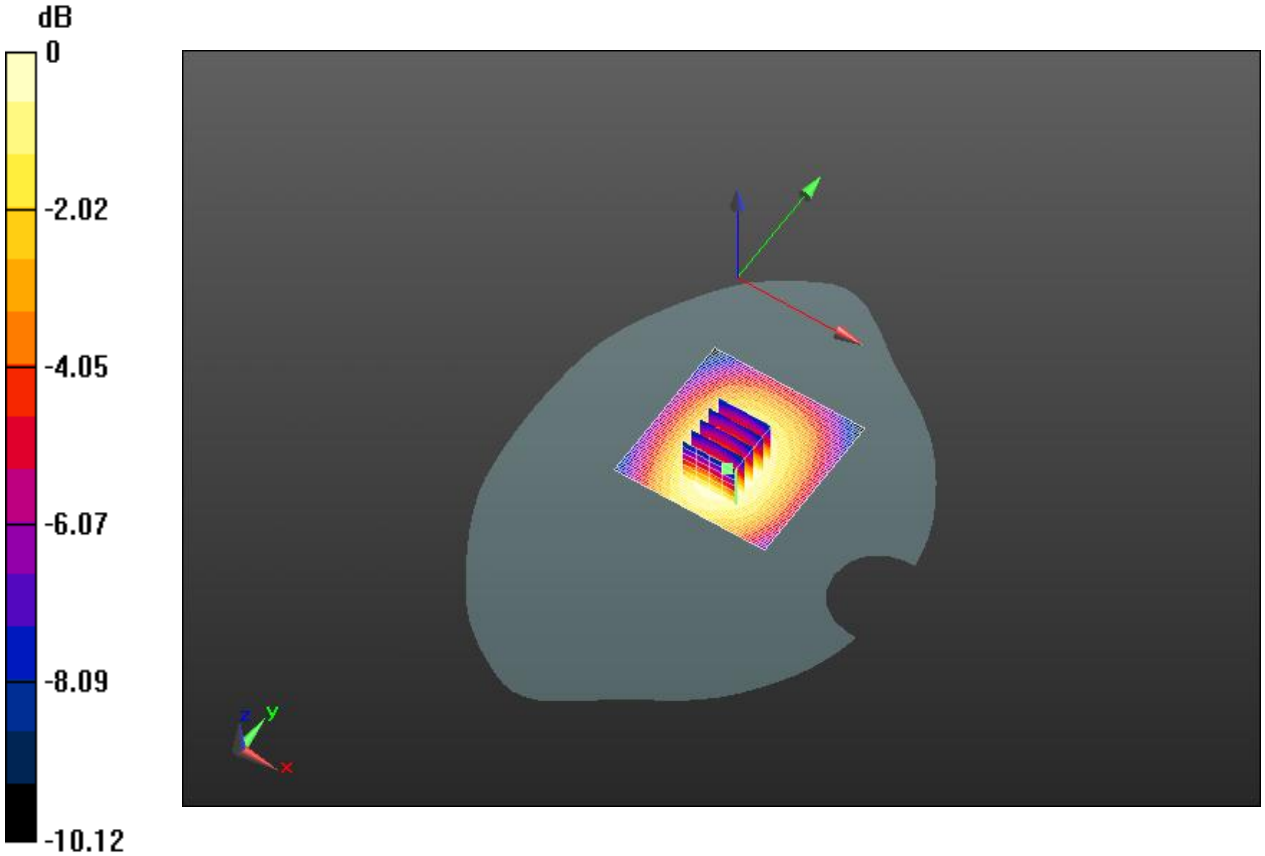
UMTS Band 5_body Back 15mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.241 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.601 mW/g

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.503 W/kg



0 dB = 0.494 W/kg = -6.12 dB W/kg

Date: 2016.01.26.

HY1-5137 LTE Band 2 Head Left Cheek Mid

Medium: HSL1900

Communication System: LTE-FDD; Communication System Band: Band2(1.4MHz); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.96, 7.96, 7.96); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Head Left/Cheek Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 4.439 V/m; Power Drift = 0.18 dB

Fast SAR: SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (interpolated) = 0.320 W/kg

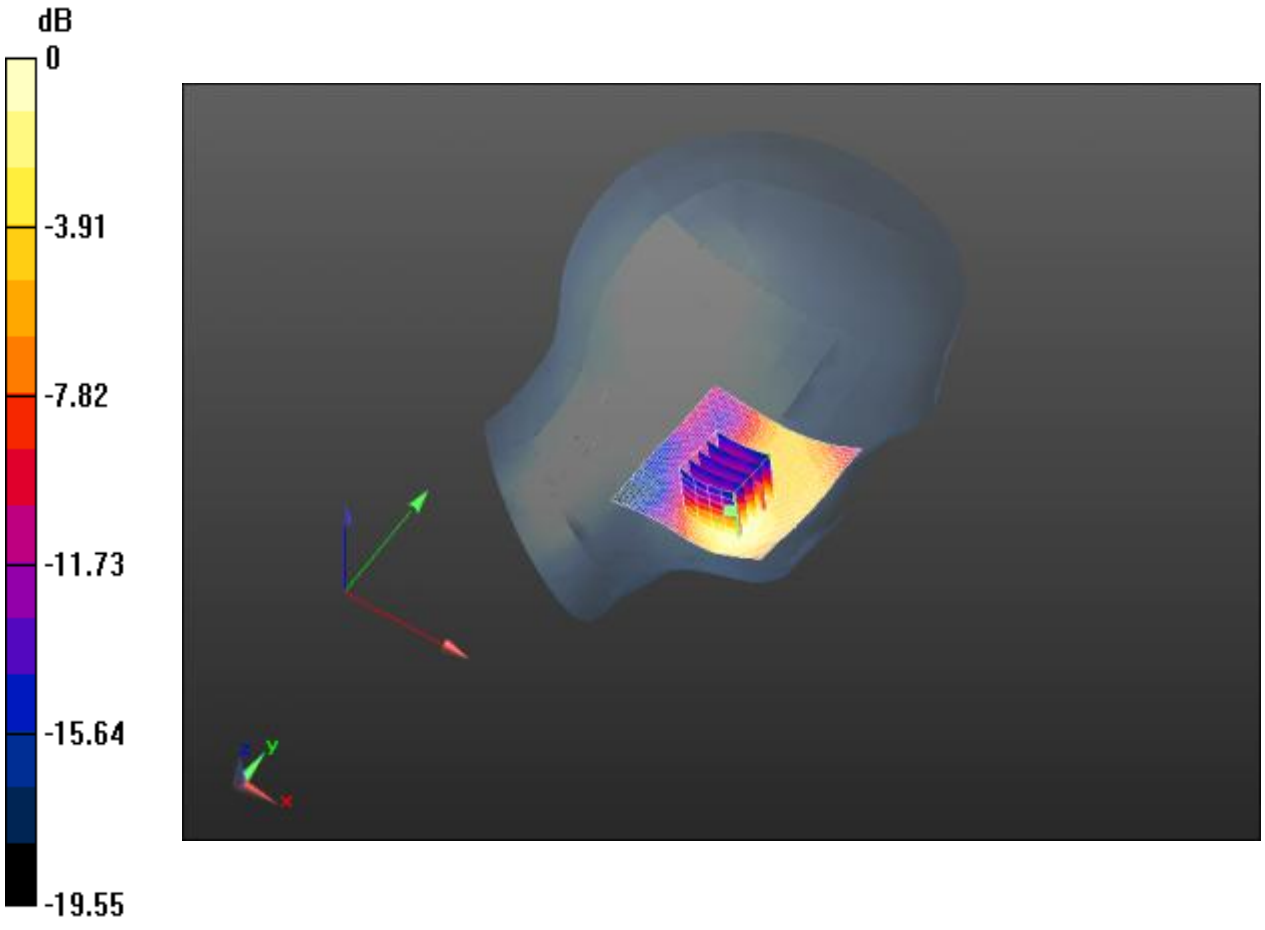
Head Left/Cheek Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.439 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.572 mW/g

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.320 W/kg = -9.90 dB W/kg

Date: 2016.01.26.

HY1-5137 LTE Band 2 Body Hotspot Bottom Side Mid

Medium: MSL1900

Communication System: LTE-FDD; Communication System Band: Band2(1.4MHz); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Bottom Mid 4/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 19.329 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (interpolated) = 0.772 W/kg

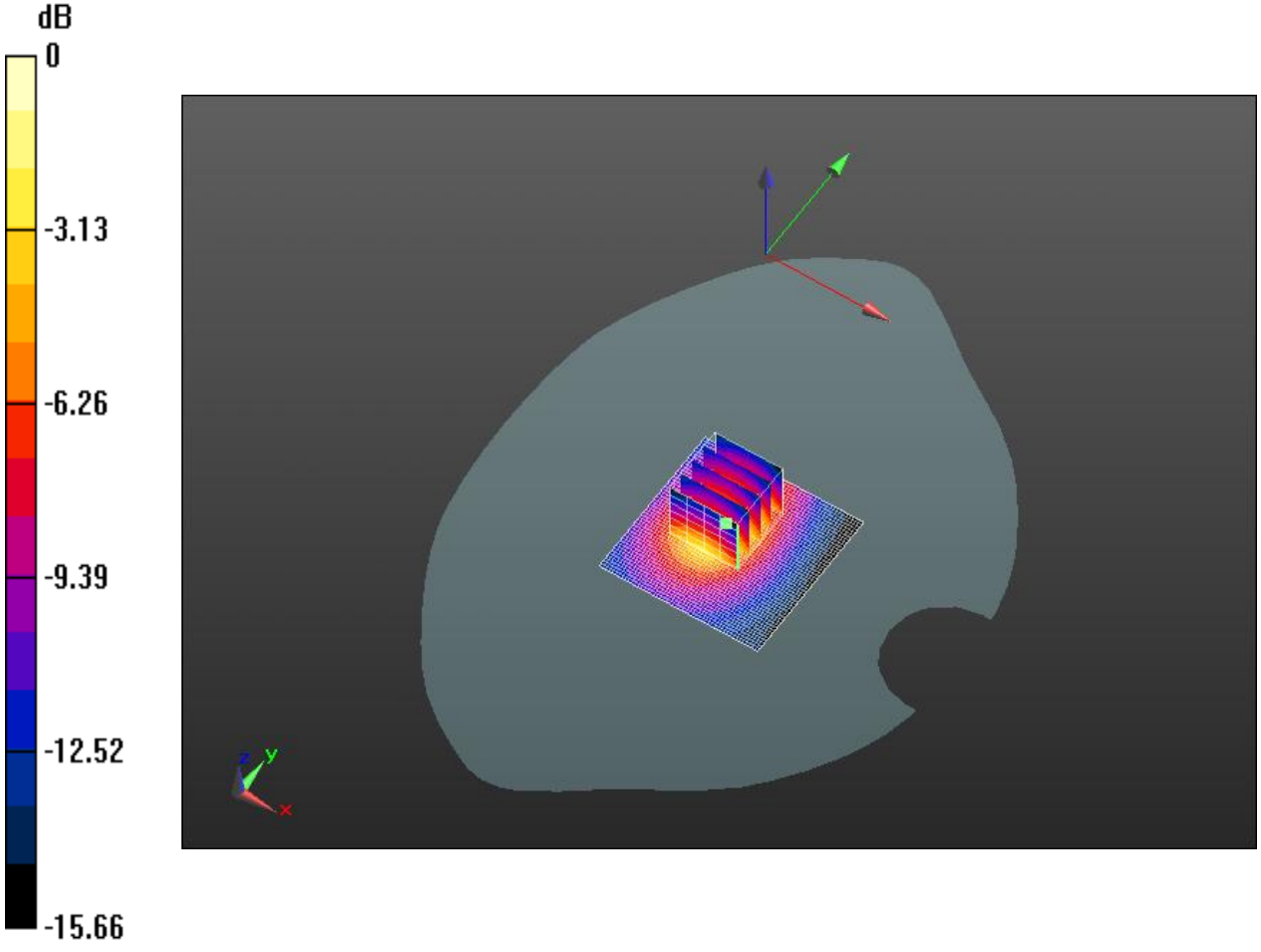
Body/Bottom Mid 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.329 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.227 mW/g

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.774 W/kg



0 dB = 0.772 W/kg = -2.24 dB W/kg

Date: 2016.01.26.

HY1-5137 LTE Band 2 Body Worn Rear Side Mid

Medium: MSL1900

Communication System: LTE-FDD; Communication System Band: Band2(1.4MHz); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 12.592 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (interpolated) = 0.352 W/kg

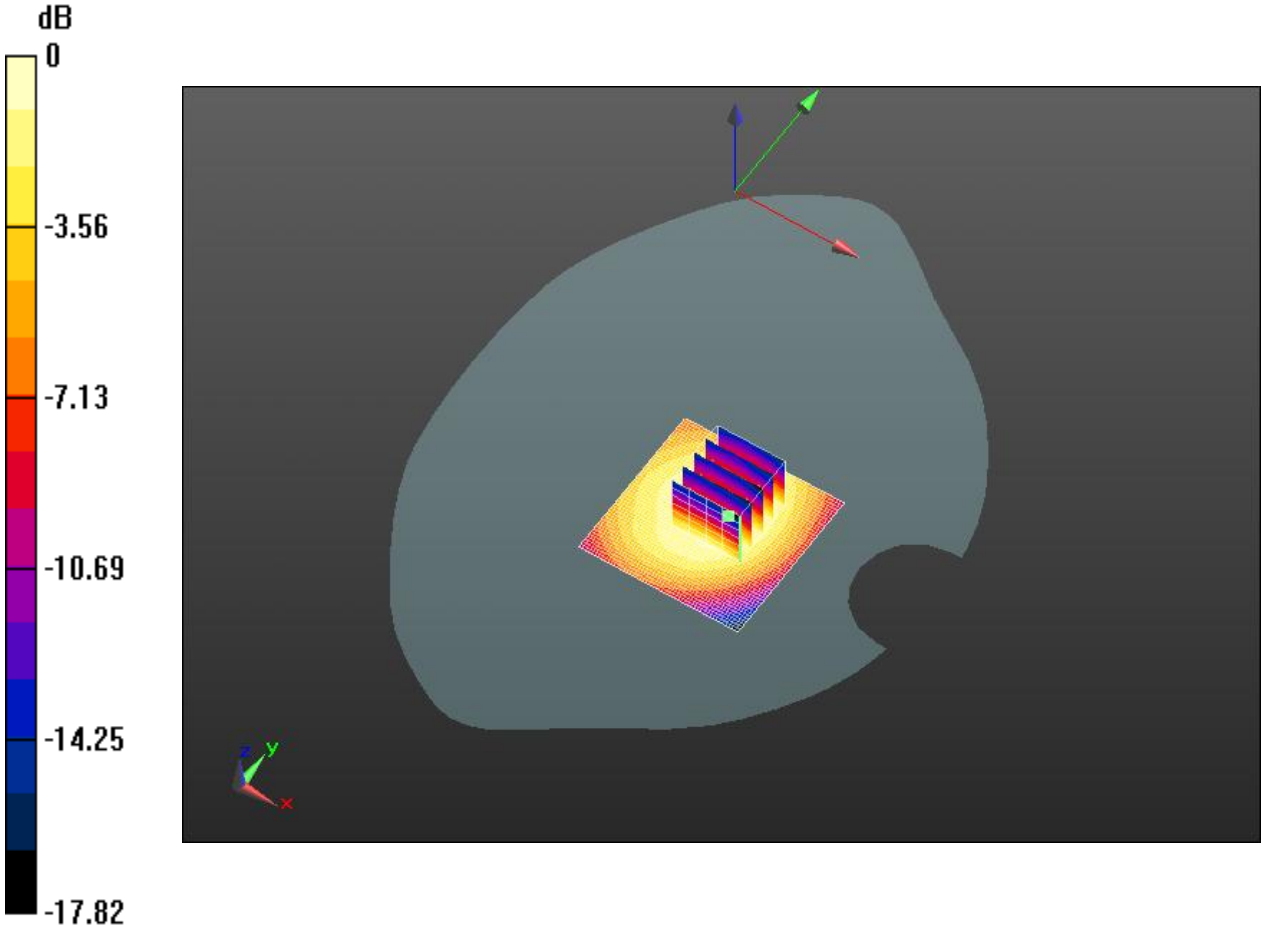
Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.592 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.515 mW/g

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.352 W/kg = -9.06 dB W/kg

Date: 2016.01.29.

HY1-5137 LTE Band 4 Head Right Cheek Mid

Medium: HSL1800

Communication System: LTE-FDD; Communication System Band: Band4(20MHz); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.36 mho/m; ε_r = 40.0; ρ = 1000 kg/m^3

Phantom section: Right Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(5.22, 5.22, 5.22); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Head Right/Cheek Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 6.297 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (interpolated) = 0.255 W/kg

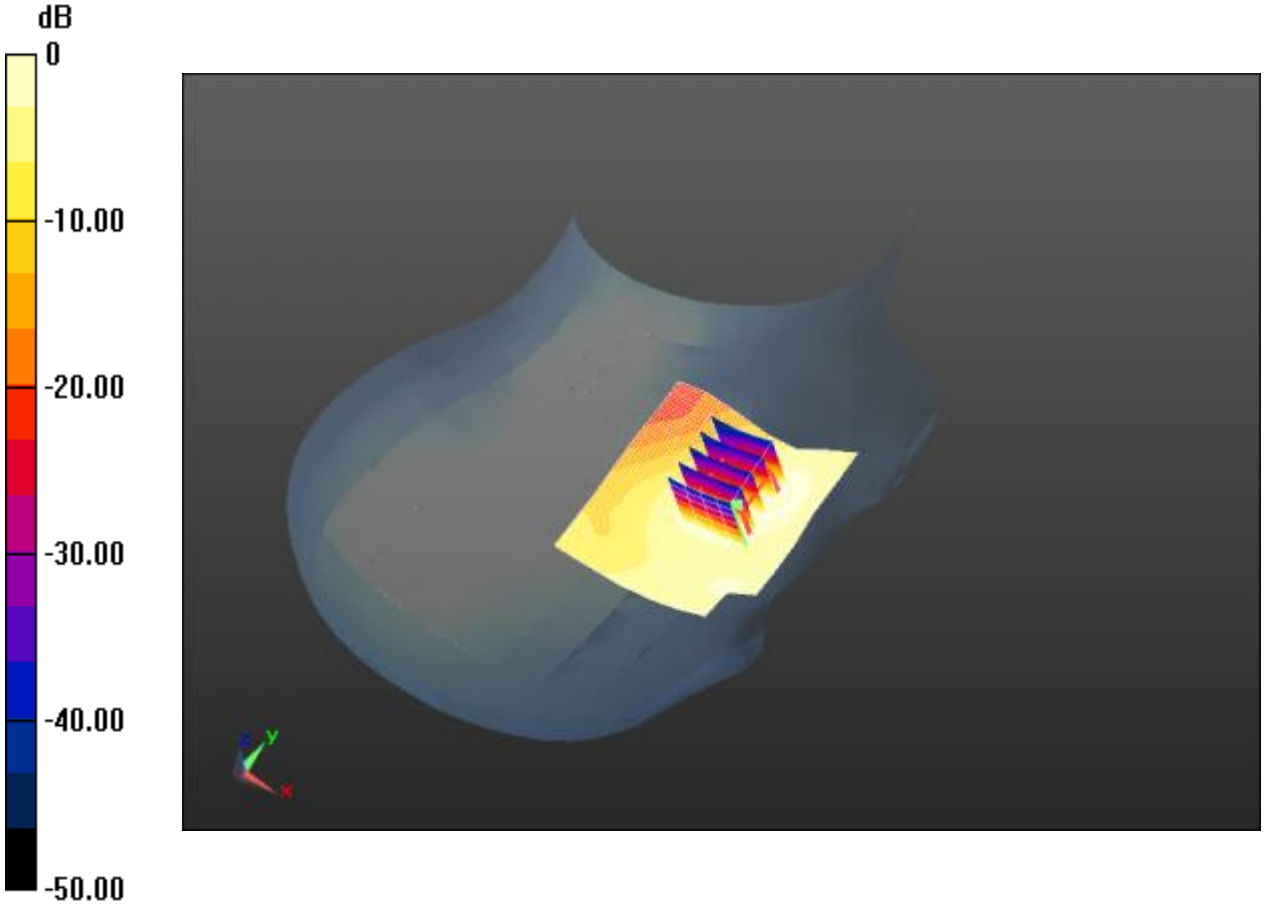
Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.297 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.431 mW/g

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.255 W/kg = -11.86 dB W/kg

Date: 2016.01.29.

HY1-5137 LTE Band 4 Body Hotspot Rear Side Mid

Medium: MSL1800

Communication System: LTE-FDD; Communication System Band: Band4(20MHz); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 53.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.81, 4.81, 4.81); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid /Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 14.110 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (interpolated) = 0.437 W/kg

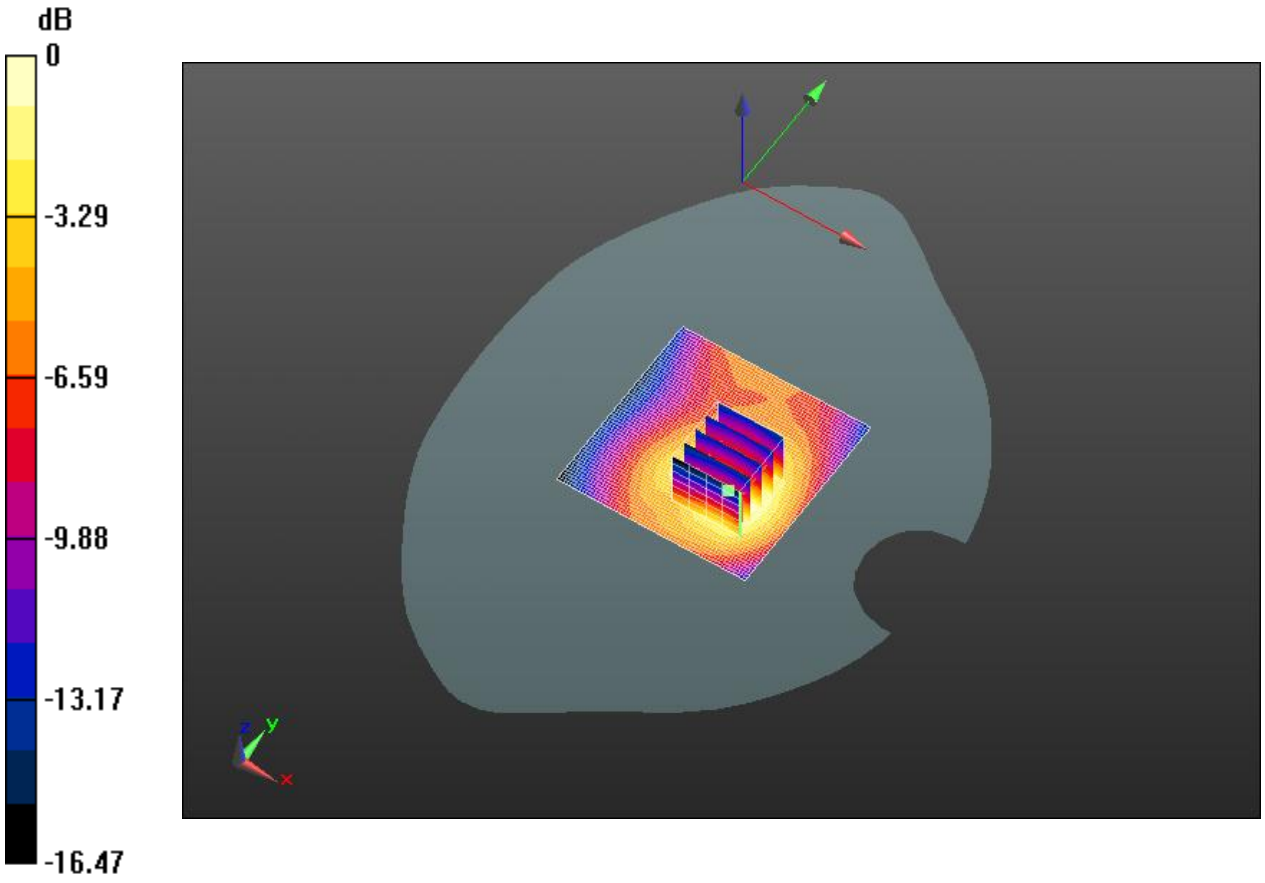
Body/Facedown Mid /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.110 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.667 mW/g

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.437 W/kg = -7.18 dB W/kg

Date: 2016.01.29.

HY1-5137 LTE Band 4 Body Worn Rear Side Mid

Medium: MSL1800

Communication System: LTE-FDD(CE); Communication System Band: Band4(10MHz); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 53.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.81, 4.81, 4.81); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.099 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (interpolated) = 0.215 W/kg

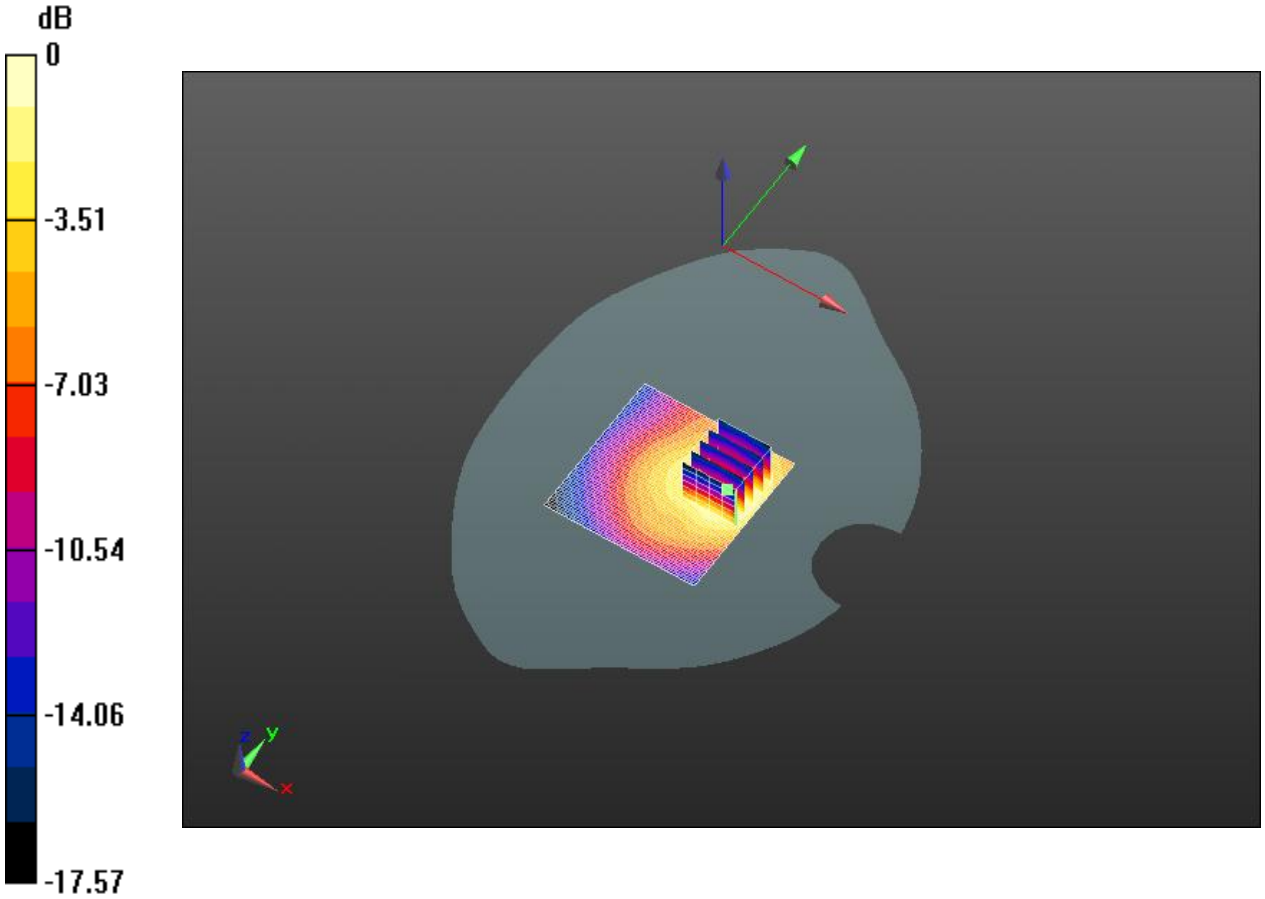
Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.099 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.325 mW/g

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = -13.35 dB W/kg

Date: 2016.01.28.

HY1-5137 LTE Band 7 Head Left Cheek Mid

Medium: HSL2600

Communication System: LTE-FDD; Communication System Band: Band7(20MHz); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz; σ = 1.95 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(7.38, 7.38, 7.38); Calibrated: 2015.11.26.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Head Left/Cheek Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 2.997 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (interpolated) = 0.342 W/kg

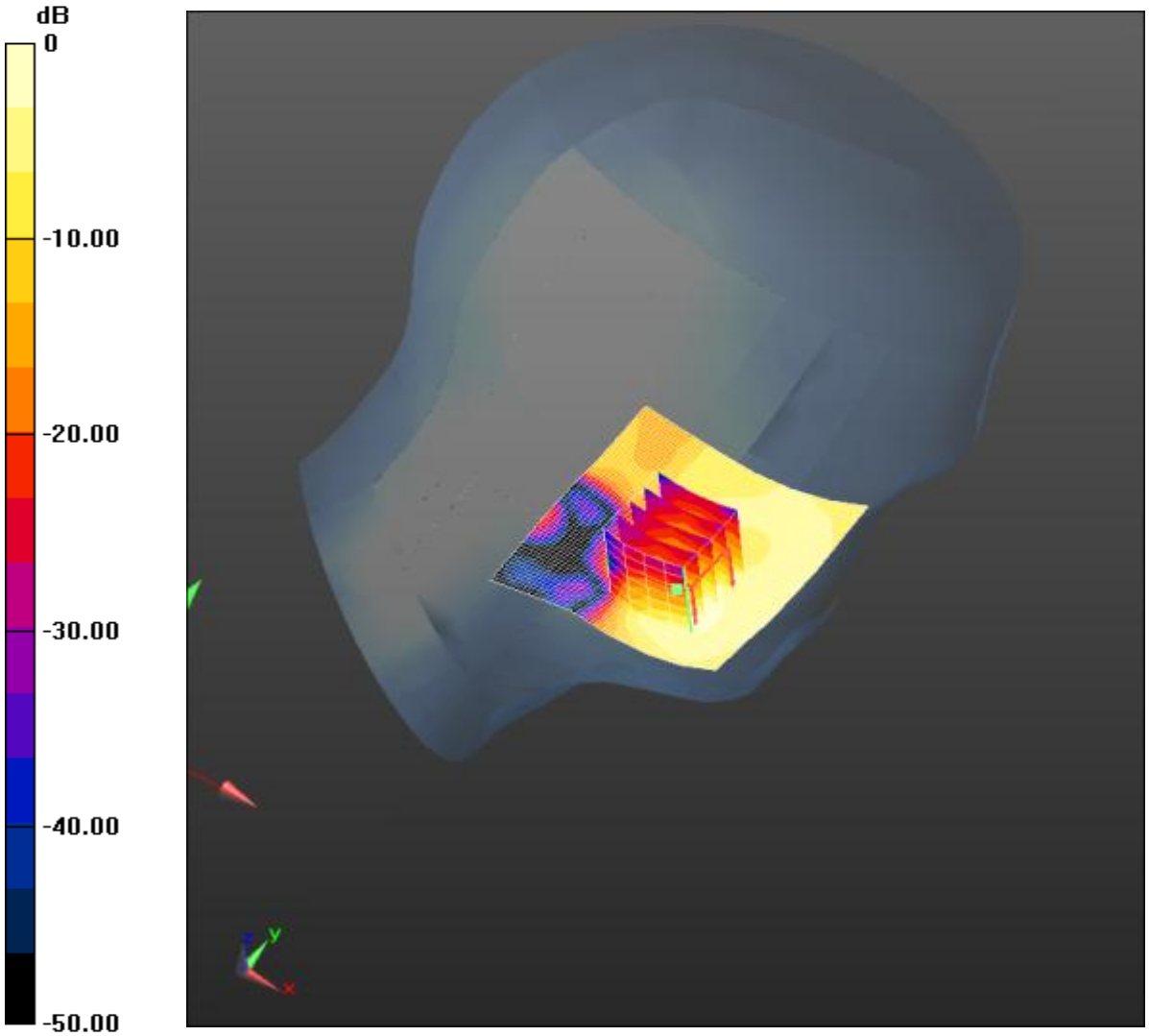
Head Left/Cheek Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.997 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.518 mW/g

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.342 W/kg = -9.32 dB W/kg

Date: 2016.01.28.

HY1-5137 LTE Band 7 Body Hotspot Bottom Side Low

Medium: MSL22600

Communication System: LTE-FDD; Communication System Band: Band7(20MHz); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated): f = 2510 MHz; σ = 2.72 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(6.87, 6.87, 6.87); Calibrated: 2015.11.26.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Bottom Low /Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 20.409 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (interpolated) = 1.01 W/kg

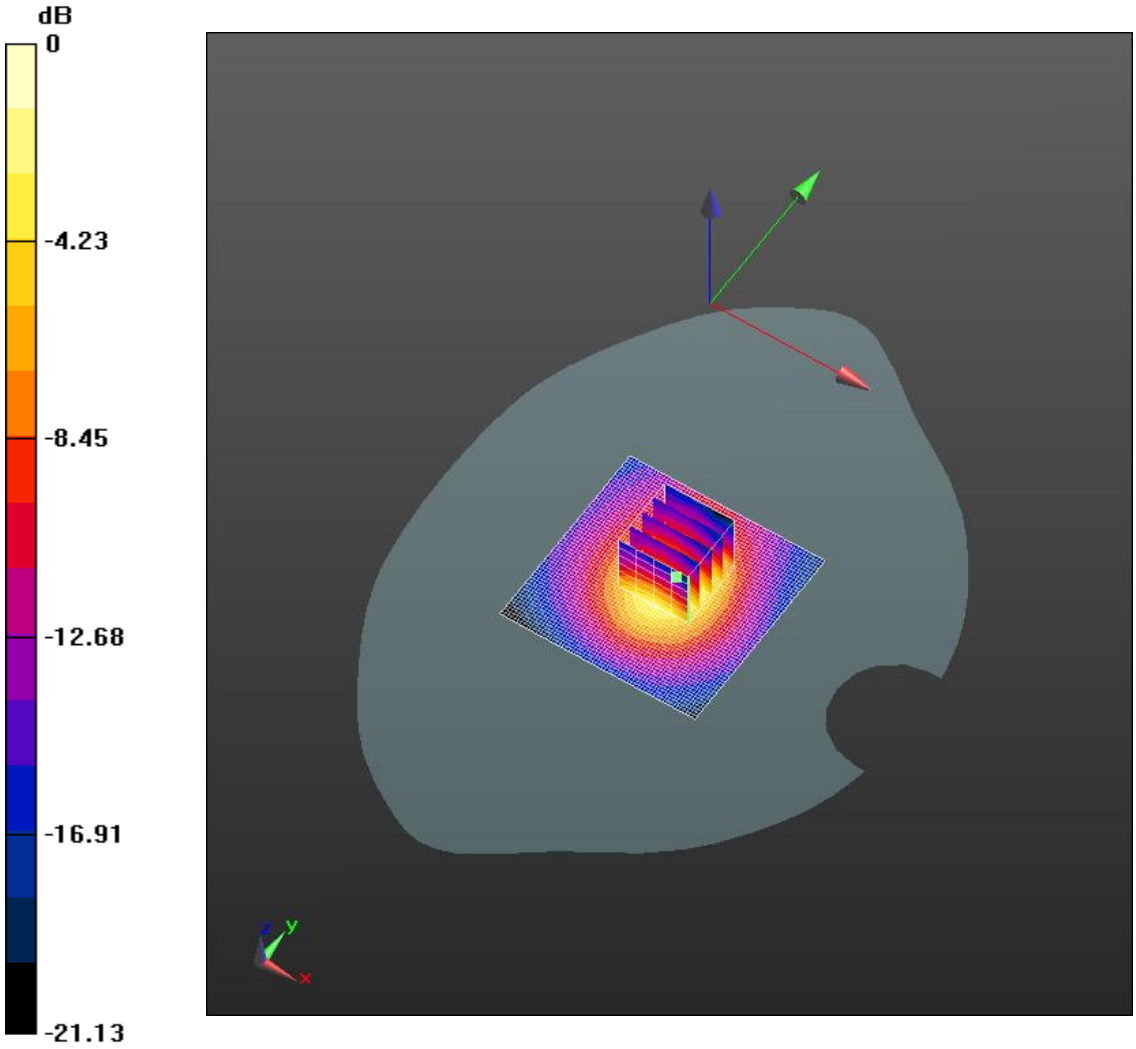
Body/Bottom Low /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.409 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.836 mW/g

SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.01 W/kg = 0.10 dB W/kg

Date: 2016.01.28.

HY1-5137 LTE Band 7 Body Worn Rear Side Mid

Medium: MSL2600

Communication System: LTE-FDD; Communication System Band: Band7(20MHz); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz; σ = 2.72 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: EX3DV4 - SN3881; ConvF(6.87, 6.87, 6.87); Calibrated: 2015.11.26.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 5.092 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.184 mW/g

.

Maximum value of SAR (interpolated) = 0.384 W/kg

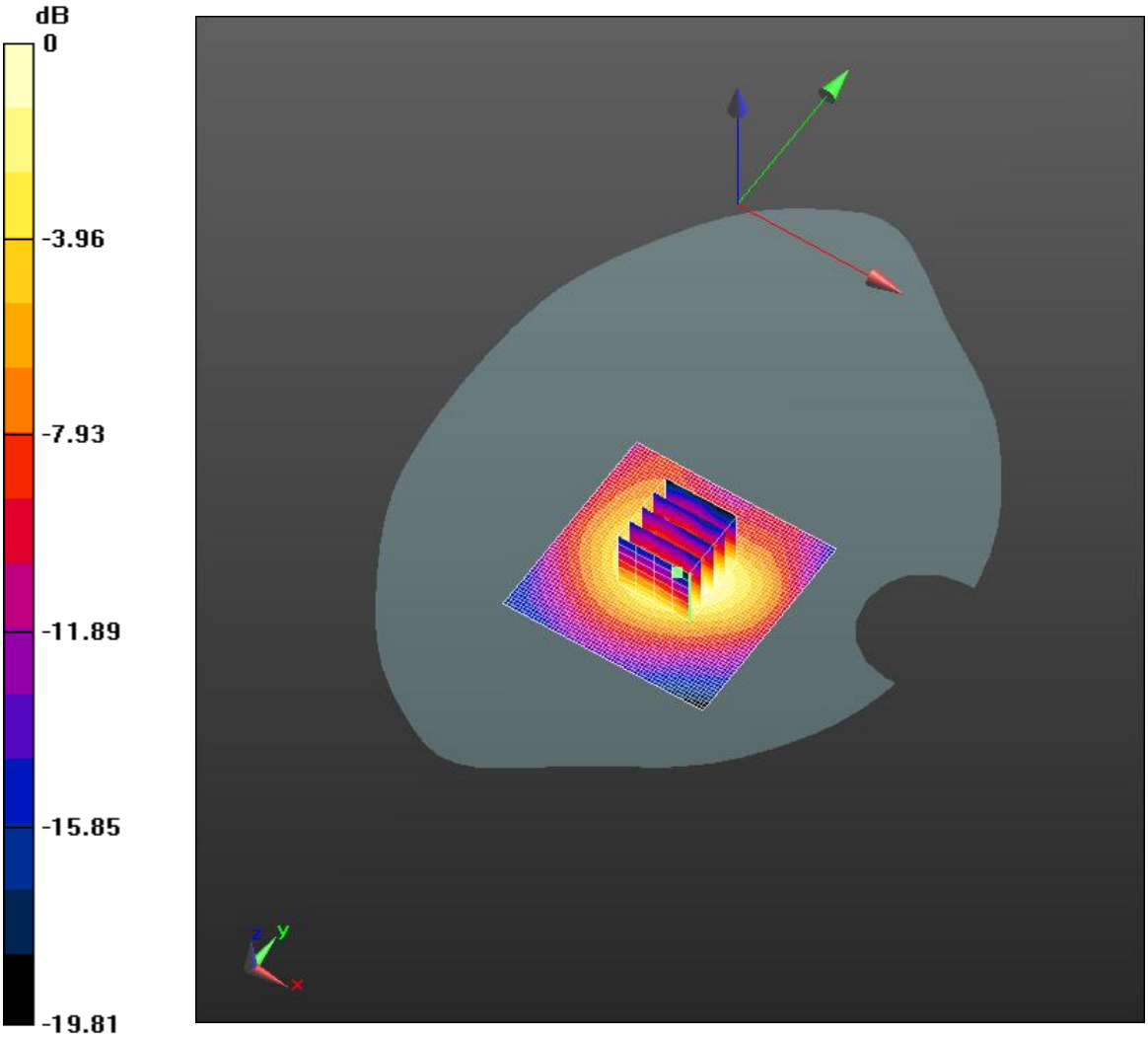
Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.092 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.657 mW/g

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.384 W/kg = -8.30 dB W/kg

Date: 2016.01.28.

HY1-5137 Wi-Fi 802.11b Head Left Cheek Mid

Medium: HSL2450

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

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.79 mho/m; ε_r = 39.0; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.68, 4.68, 4.68); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b-Left Head/left Cheek-Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 12.817 V/m; Power Drift = 0.10 dB

Fast SAR: SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (interpolated) = 0.944 W/kg

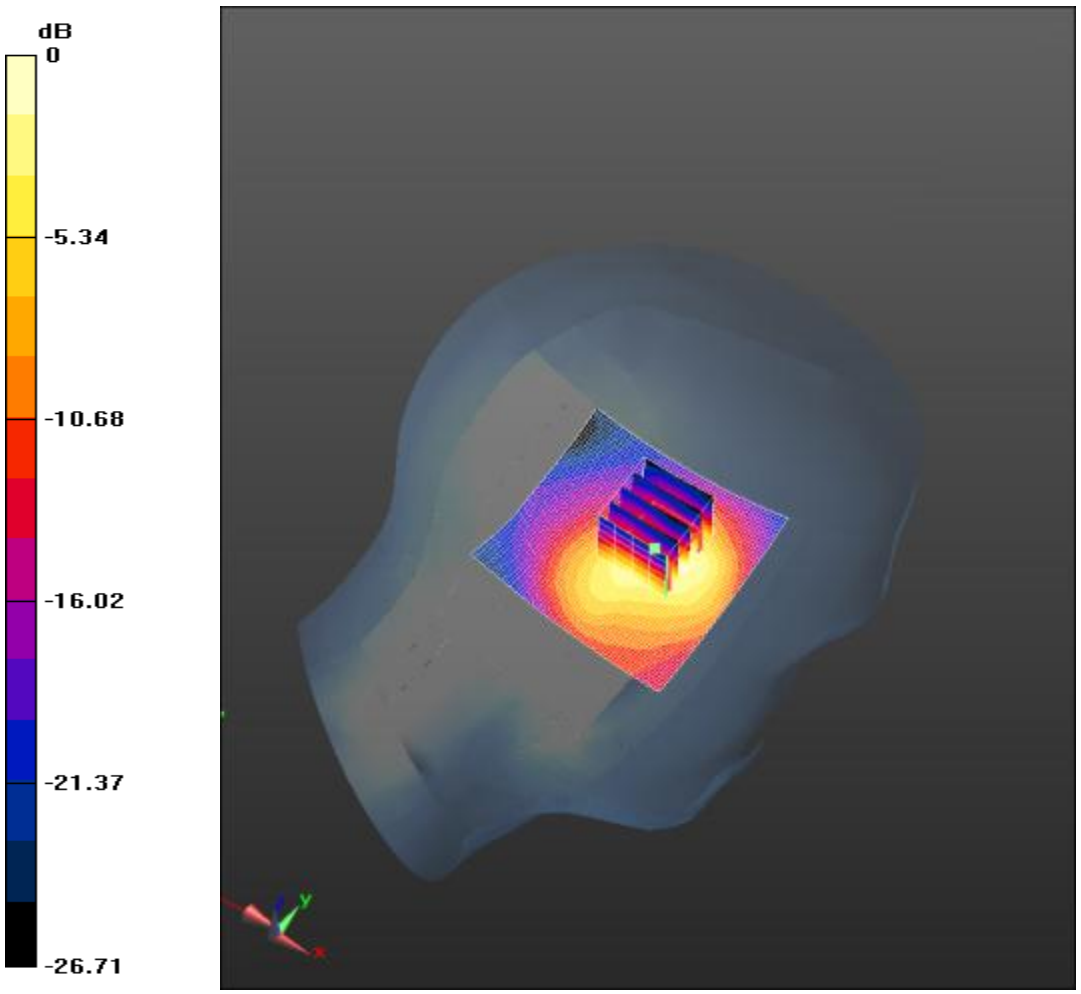
802.11b-Left Head/left Cheek-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.817 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.586 mW/g

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.713 W/kg



0 dB = 0.944 W/kg = -0.50 dB W/kg

Date: 2016.01.28.

HY1-5137 Wi-Fi 802.11b Body Hotspot Front Side Mid

Medium: MSL2450

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

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.95 mho/m; ε_r = 53.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.38, 4.38, 4.38); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

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

Reference Value = 9.732 V/m; Power Drift = 0.12 dB

Fast SAR: SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (interpolated) = 0.225 W/kg

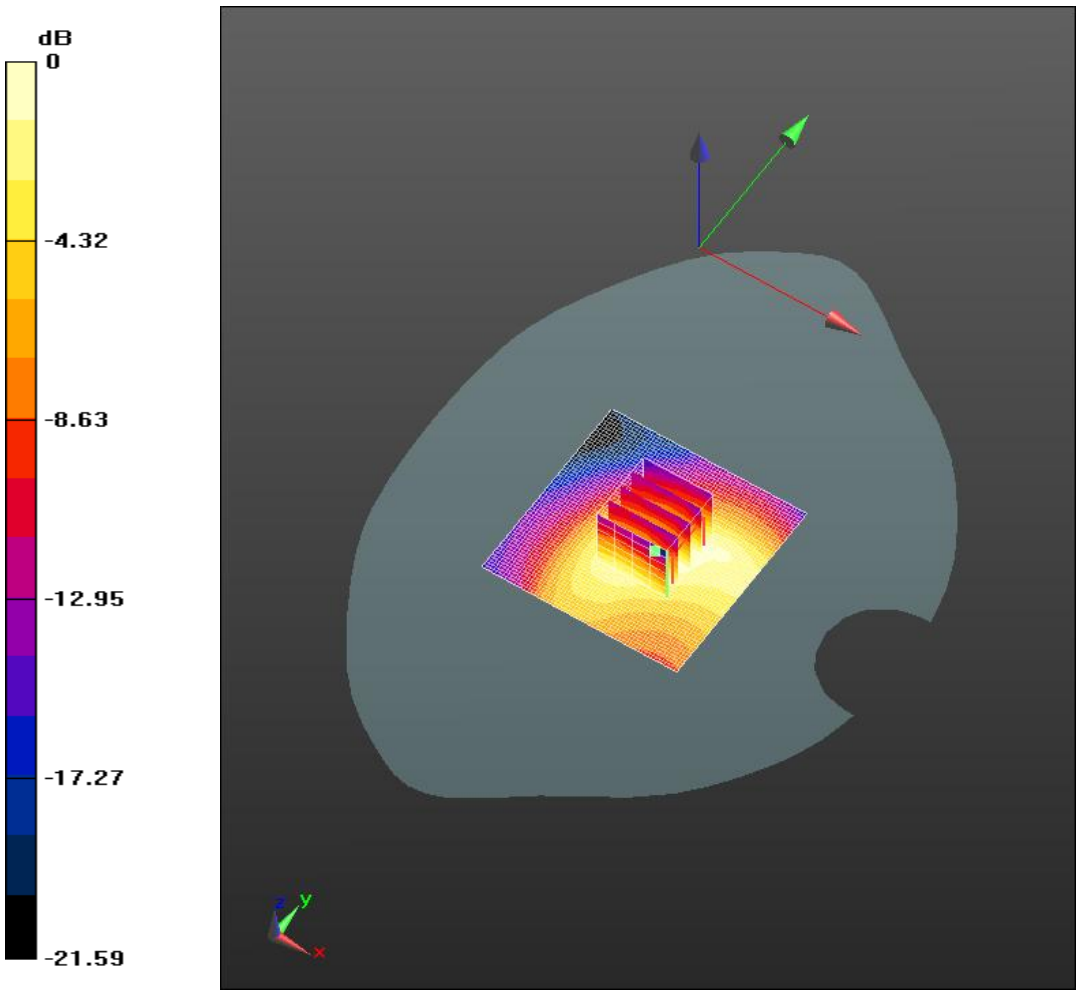
802.11b-10mm/Facedown-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.732 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.375 mW/g

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.225 W/kg = -12.94 dB W/kg

Date: 2016.01.28.

HY1-5137 Wi-Fi 802.11b Body Worn Front Side Mid

Medium: MSL2450

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

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.95 mho/m; ε_r = 53.0; ρ = 1000 kg/m^3

Phantom section: Flat Section

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

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.38, 4.38, 4.38); Calibrated: 2016.01.12.; Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b-15mm/Faceup-Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.290 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (interpolated) = 0.114 W/kg

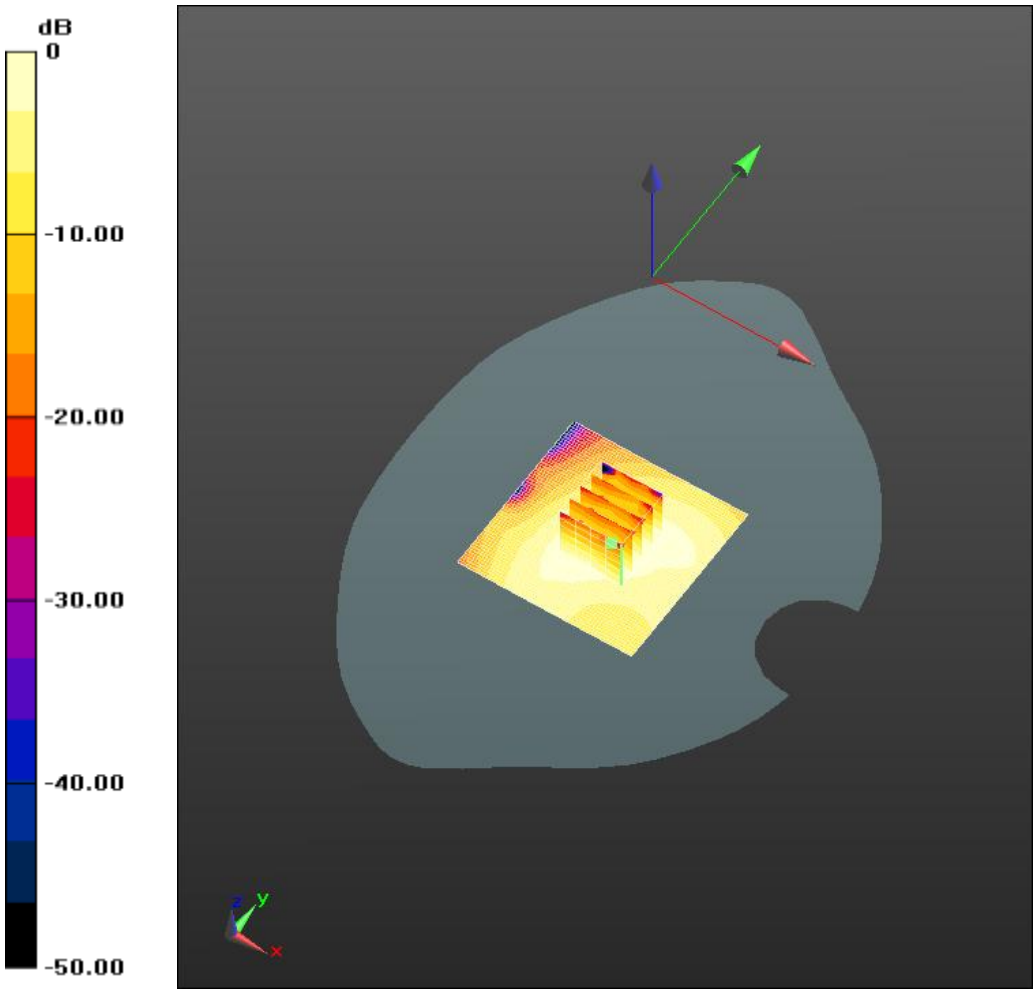
802.11b-15mm/Faceup-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.290 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.201 mW/g

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -18.84 dB W/kg