



Appendix B. MEASUREMENT SCANS

Date: 2018.09.06

1.1.1 EVDO BC0 Head Right Cheek Mid

Medium: MSL900

Communication System: CDMA 1X ; Communication System Band: EVDO BC0; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.859$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.57, 9.57, 9.57); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BCo-Right Cheek/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Reference Value = 9.207 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (interpolated) = 0.213 W/kg

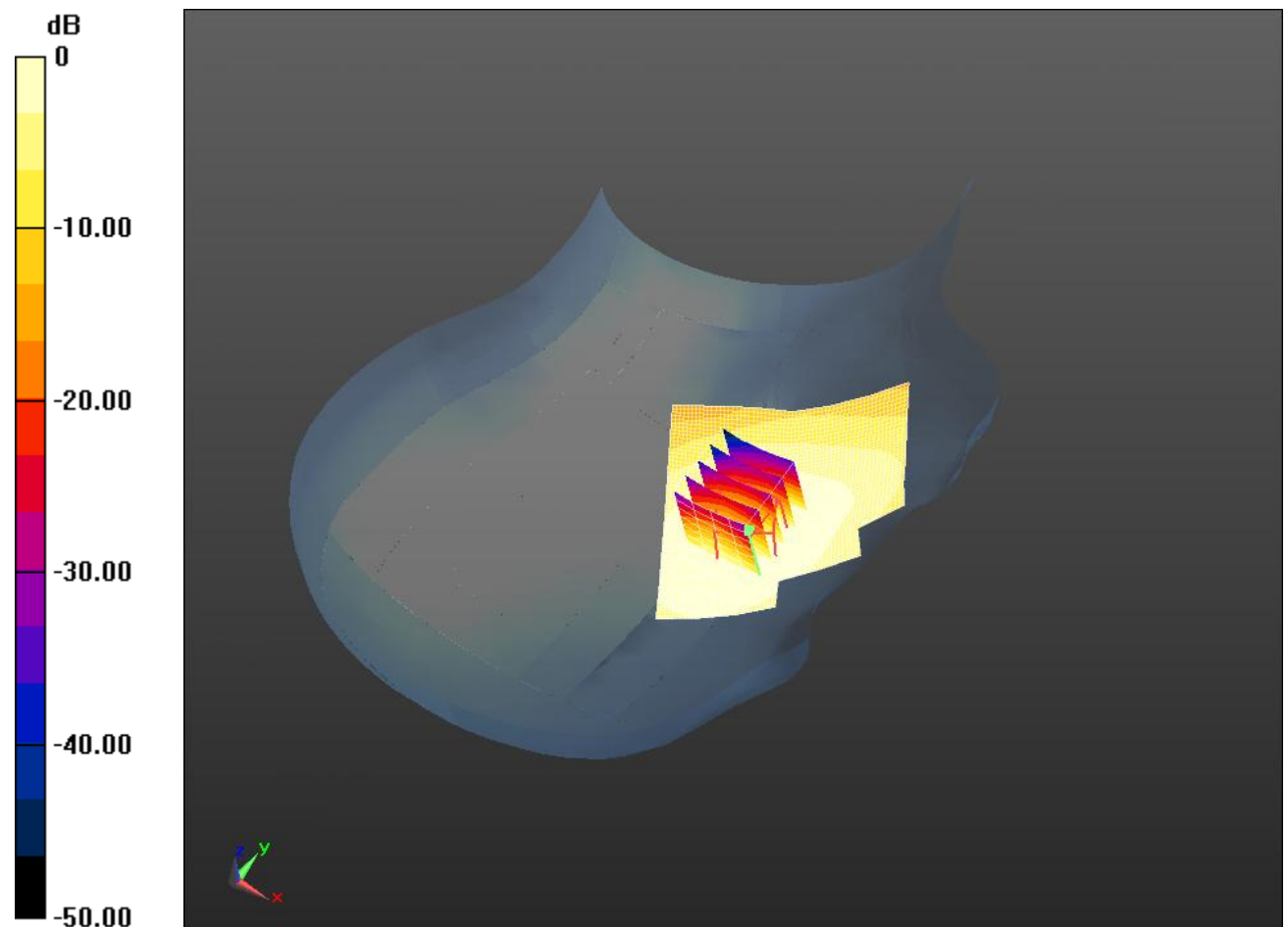
EVDO BCo-Right Cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.207 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.251 mW/g

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.160 mW/g

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



0 dB = 0.213 W/kg = -13.42 dB W/kg

Date: 2018.09.06

1.1.2 EVDO BC0 Body Front Side Mid 15mm

Medium: MSL900

Communication System: CDMA 1X ; Communication System Band: EVDO BC0; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.859$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.57, 9.57, 9.57); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC0-Faceup/Mid 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 11.809 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (interpolated) = 0.175 W/kg

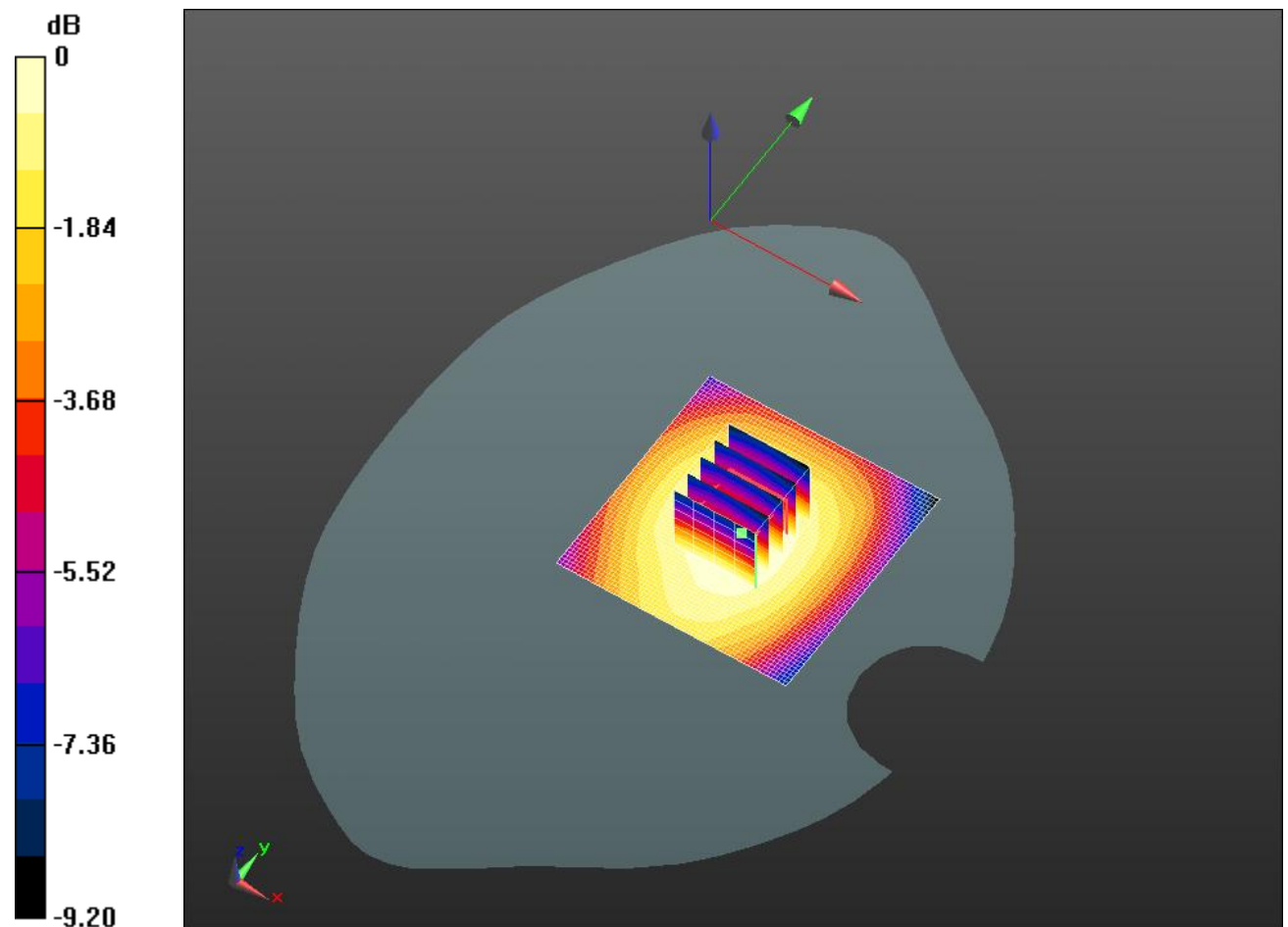
EVDO BC0-Faceup/Mid 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.809 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.213 mW/g

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -15.14 dB W/kg

Date: 2018.09.06

1.1.3 EVDO BC0 Body Front Side Mid 10mm

Medium: MSL900

Communication System: CDMA 1X ; Communication System Band: EVDO BC0; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.859$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASYS Configuration: Probe: EX3DV4 - SN3881; ConvF(9.57, 9.57, 9.57); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC0-Faceup/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.207 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (interpolated) = 0.248 W/kg

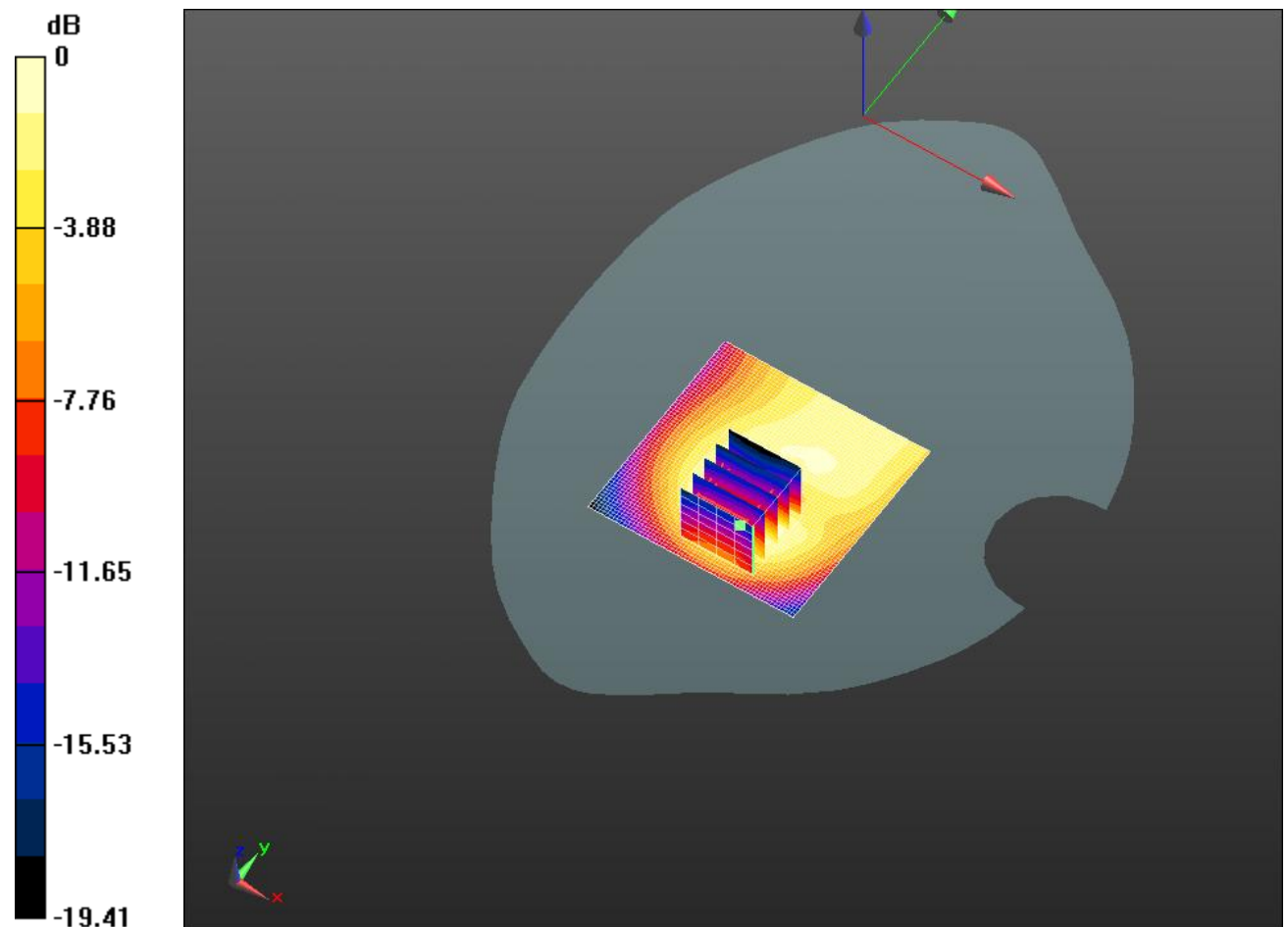
EVDO BC0-Faceup/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.207 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.387 mW/g

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.248 W/kg = -12.10 dB W/kg

Date: 2018.09.07.

1.1.4 EVDO BC1 Head Left Cheek Mid

Medium: HSL1800

Communication System: CDMA 1X ; Communication System Band: EVDO BC1; 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: Left Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.92, 7.92, 7.92); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC1-Left Cheek/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Reference Value = 12.733 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (interpolated) = 0.426 W/kg

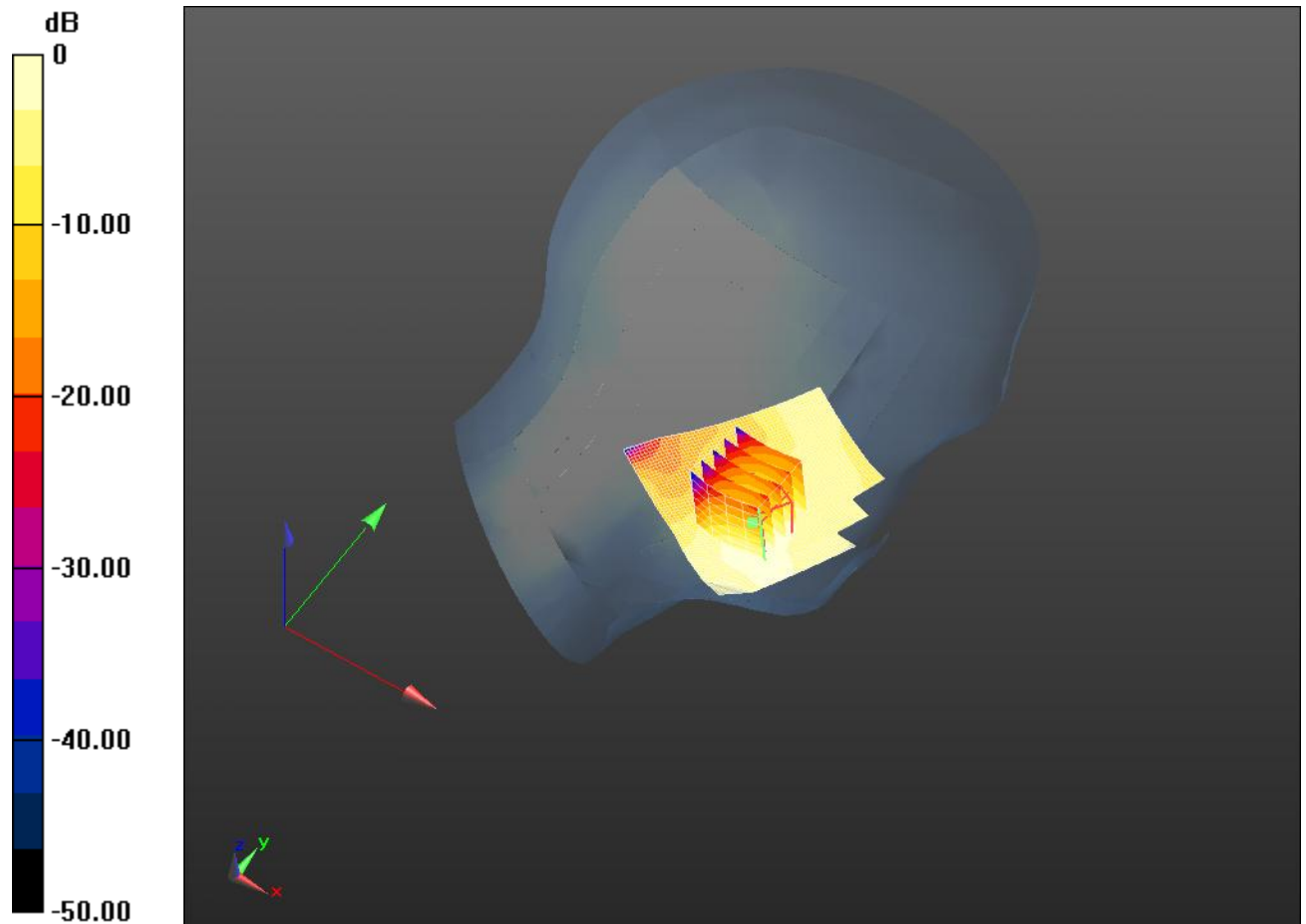
EVDO BC1-Left Cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.733 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.543 mW/g

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.426 W/kg = -7.41 dB W/kg

Date: 2018.09.07.

1.1.5 EVDO BC1 Body Front Side Mid 15mm

Medium: MSL1800

Communication System: CDMA 1X ; Communication System Band: EVDO BC1; 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(7.64, 7.64, 7.64); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC1-Faceup/Mid 15mm/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 9.638 V/m; Power Drift = 0.08 dB

Fast SAR: SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.220 mW/g

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

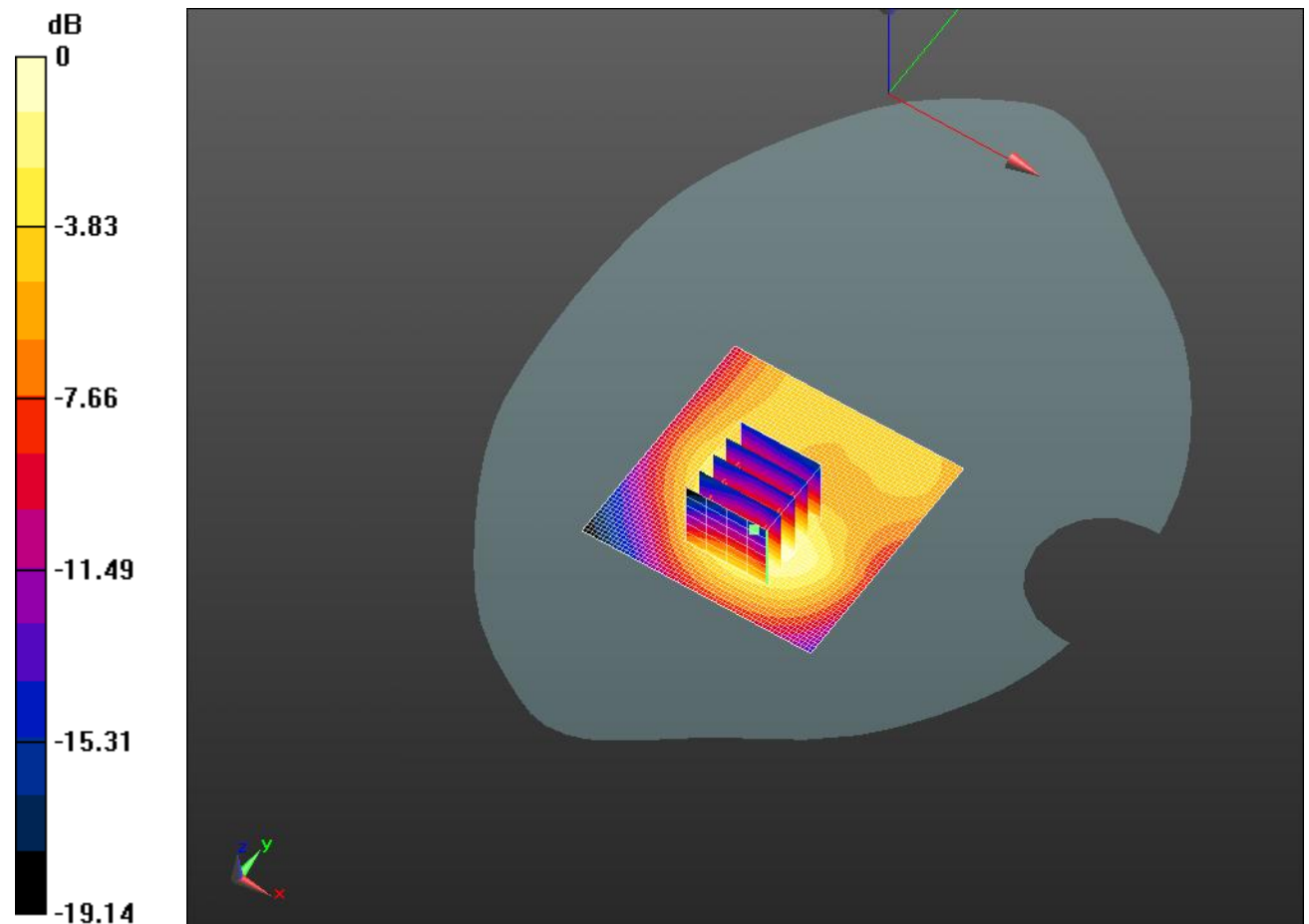
EVDO BC1-Faceup/Mid 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.638 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.657 mW/g

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.432 W/kg



0 dB = 0.429 W/kg = -7.36 dB W/kg

Date: 2018.09.07.

1.1.6 EVDO BC1 Body Bottom Side Low 10mm

Medium: MSL1800

Communication System: CDMA 1X ; Communication System Band: EVDO BC1; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 51.236$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.64, 7.64, 7.64); Calibrated: 2018.07.14.; Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC1-Bottom/Low/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.393 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (interpolated) = 1.29 W/kg

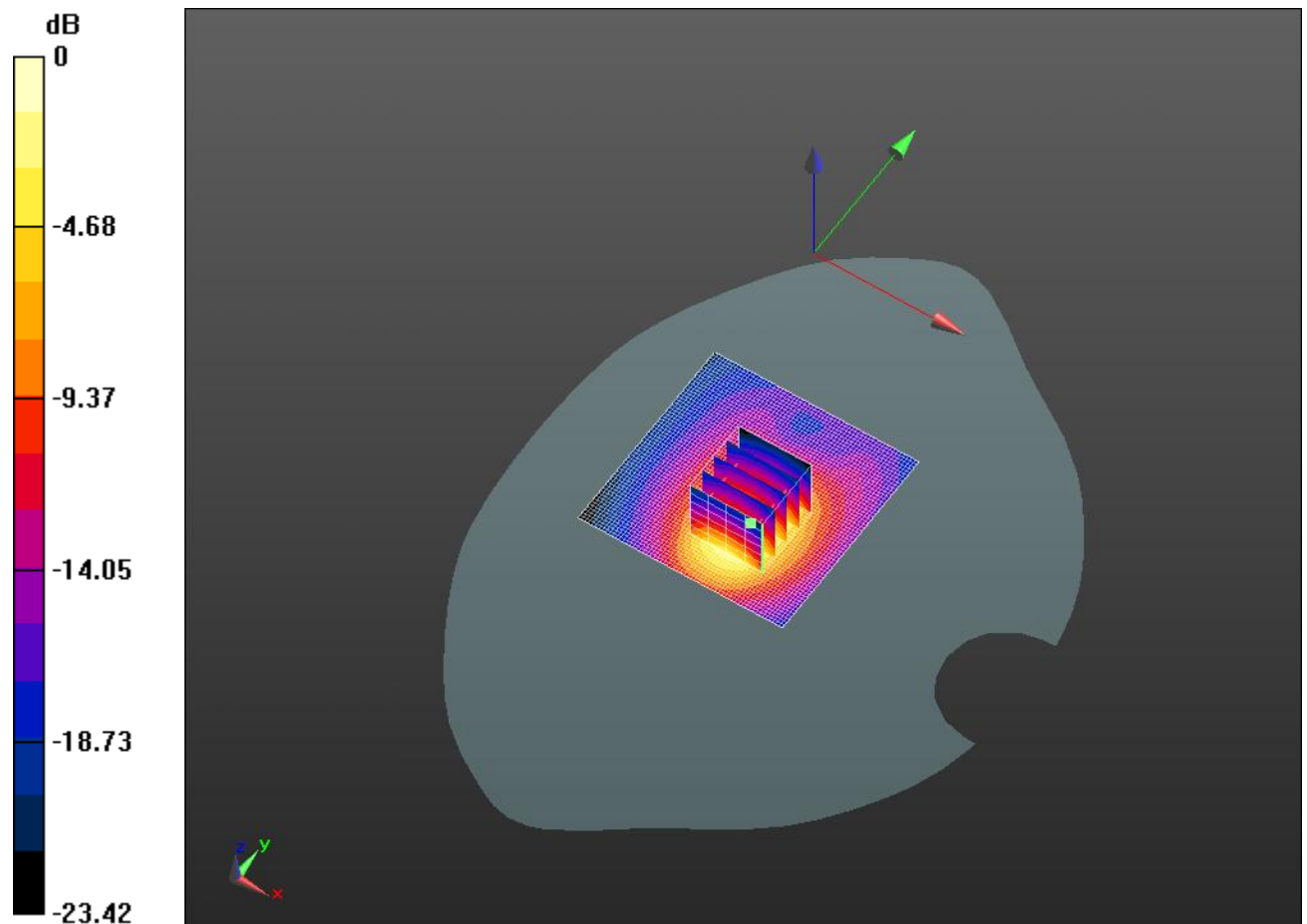
EVDO BC1-Bottom/Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.393 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.982 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.29 W/kg = 2.22 dB W/kg

Date: 2018.09.07.

1.1.7 EVDO BC10 Head Right Cheek Mid

Medium: HSL1800

Communication System: CDMA 1X ; Communication System Band: EVDO BC1; 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: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.92, 7.92, 7.92); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC1-Right Cheek/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 11.078 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (interpolated) = 0.537 W/kg

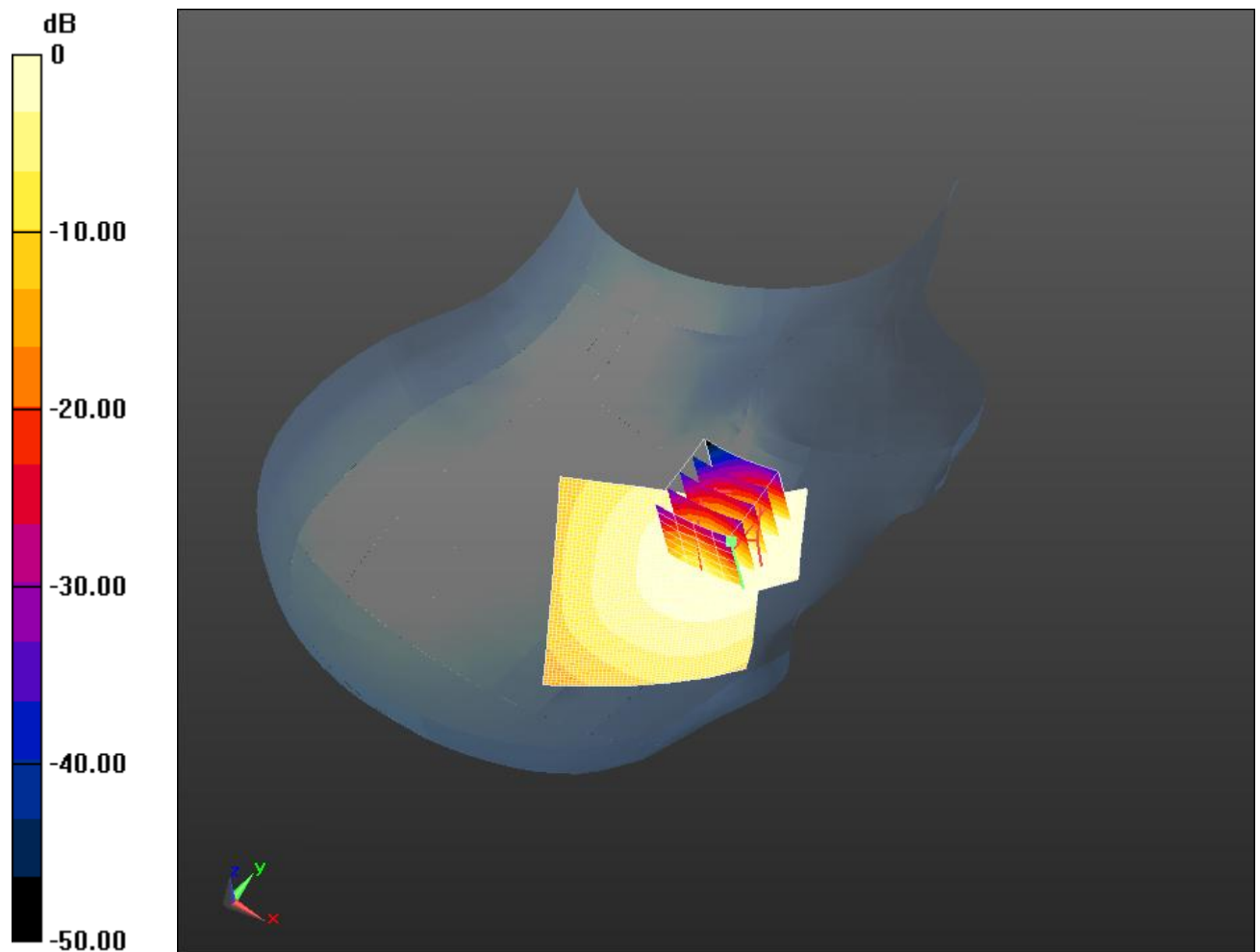
EVDO BC1-Right Cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.078 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.607 mW/g

SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.537 W/kg = -5.40 dB W/kg

Date: 2018.09.07.

1.1.8 EVDO BC10 Body Right Side Mid 10mm

Medium: MSL1800

Communication System: CDMA 1X ; Communication System Band: EVDO BC1; 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: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASYS Configuration: Probe: EX3DV4 - SN3881; ConvF(7.64, 7.64, 7.64); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC1-Right Side/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Reference Value = 11.078 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (interpolated) = 0.720 W/kg

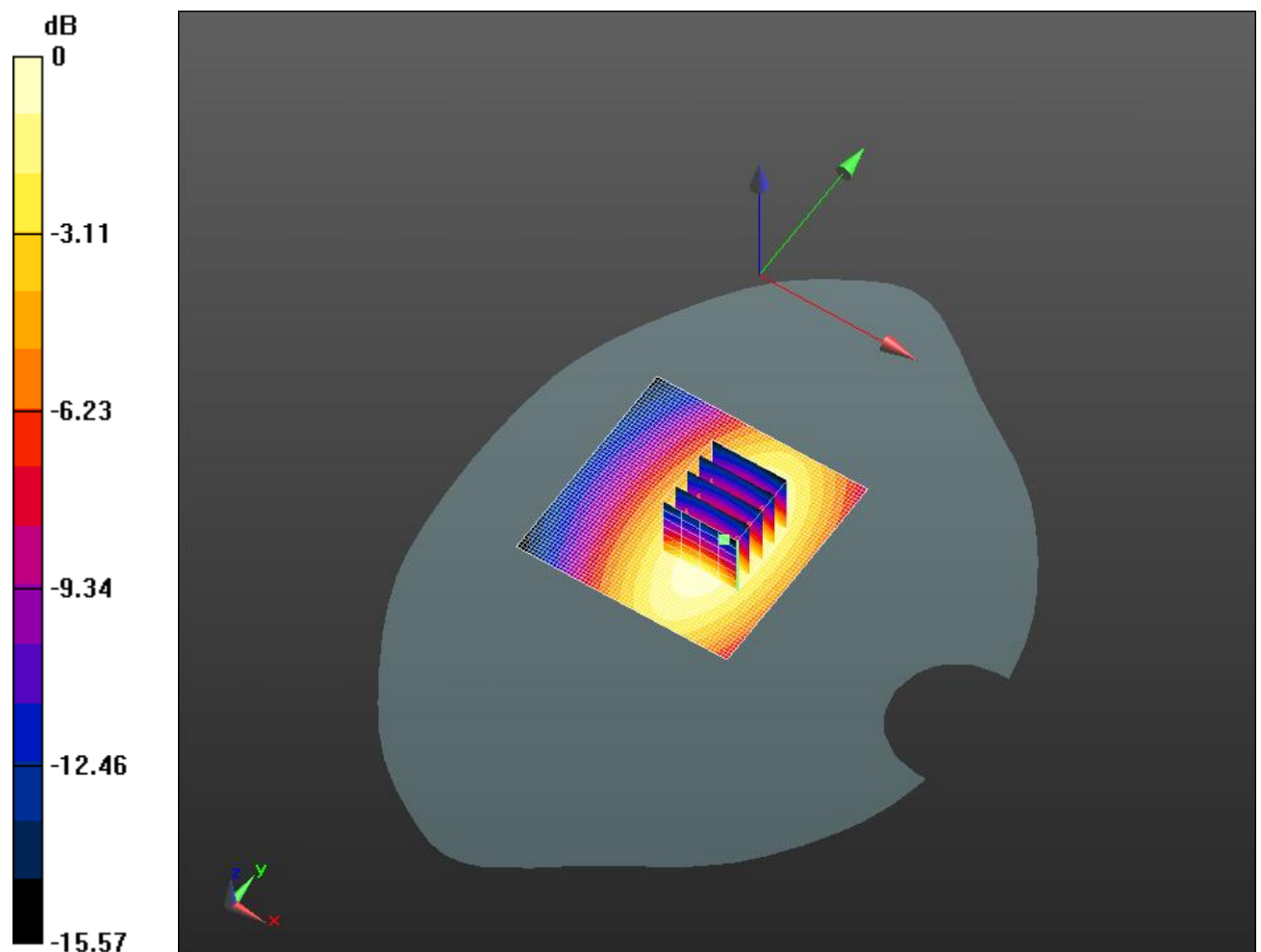
EVDO BC1-Right Side/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.078 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.881 mW/g

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.489 mW/g

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.720 W/kg = -2.85 dB W/kg

Date: 2018.09.07.

1.1.9 EVDO BC10 Body Front Side Mid 15mm

Medium: MSL1800

Communication System: CDMA 1X ; Communication System Band: EVDO BC1; 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(7.64, 7.64, 7.64); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

EVDO BC1-Facedown/Mid 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 18.448 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (interpolated) = 0.578 W/kg

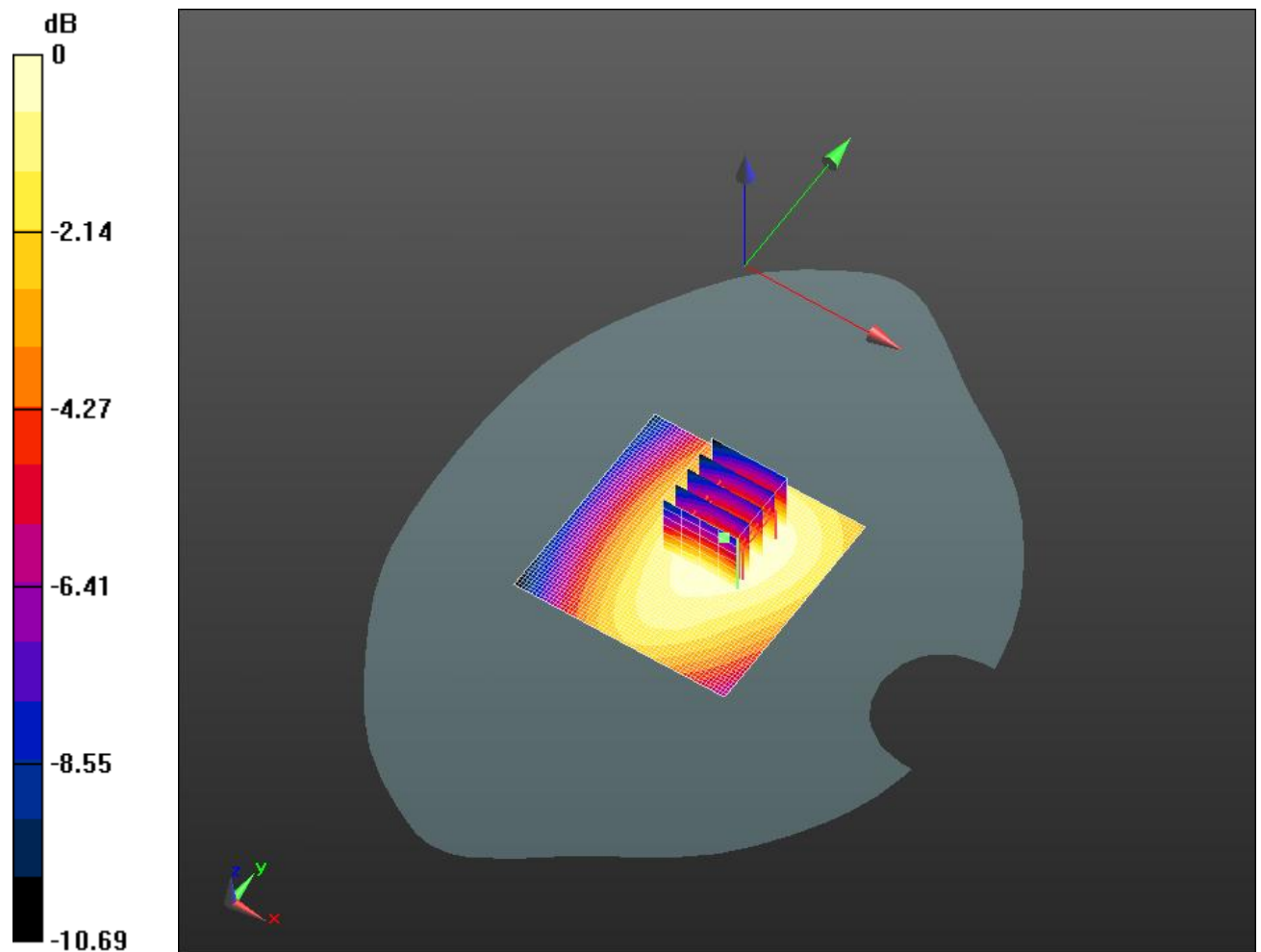
EVDO BC1-Facedown/Mid 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.448 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.662 mW/g

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.435 mW/g

Maximum value of SAR (measured) = 0.570 W/kg



0 dB = 0.578 W/kg = -4.77 dB W/kg

Date: 2018.09.05.

1.1.10 LTE Band12 (10MHz) Head Right Cheek Mid

Medium: HSL750

Communication System: LTE-FDD(CE); Communication System Band: Band12(10MHz); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ mho/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

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

Reference Value = 7.852 V/m; Power Drift = -0.12 dB

Fast SAR: SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (interpolated) = 0.163 W/kg

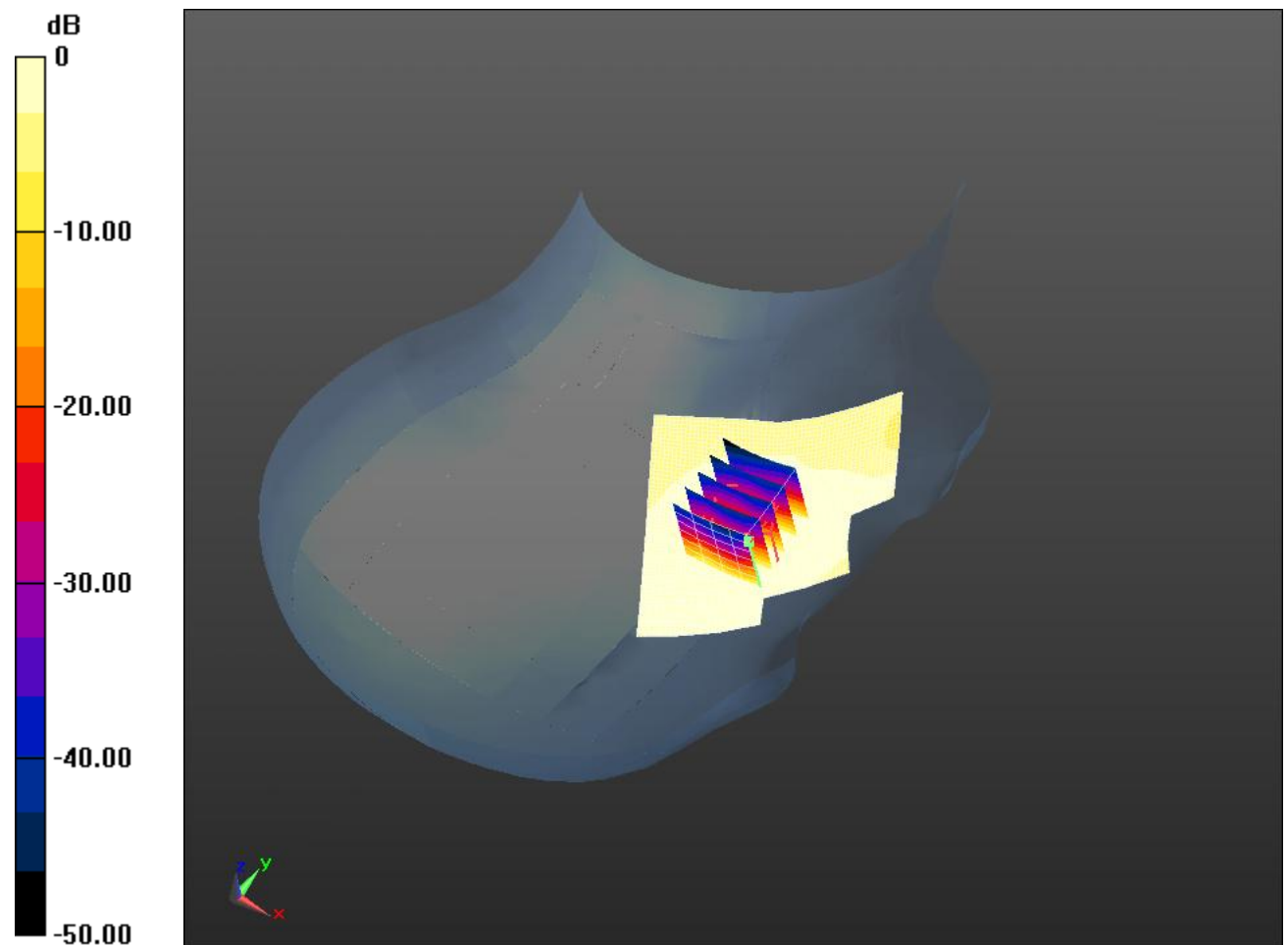
Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.852 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.190 mW/g

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.163 W/kg = -15.73 dB W/kg

Date: 2018.09.05.

1.1.11 LTE Band12 (10MHz) Body Back Side Mid 15mm

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band12(10MHz); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ mho/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

Body/Facedown Mid 15/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 13.259 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (interpolated) = 0.158 W/kg

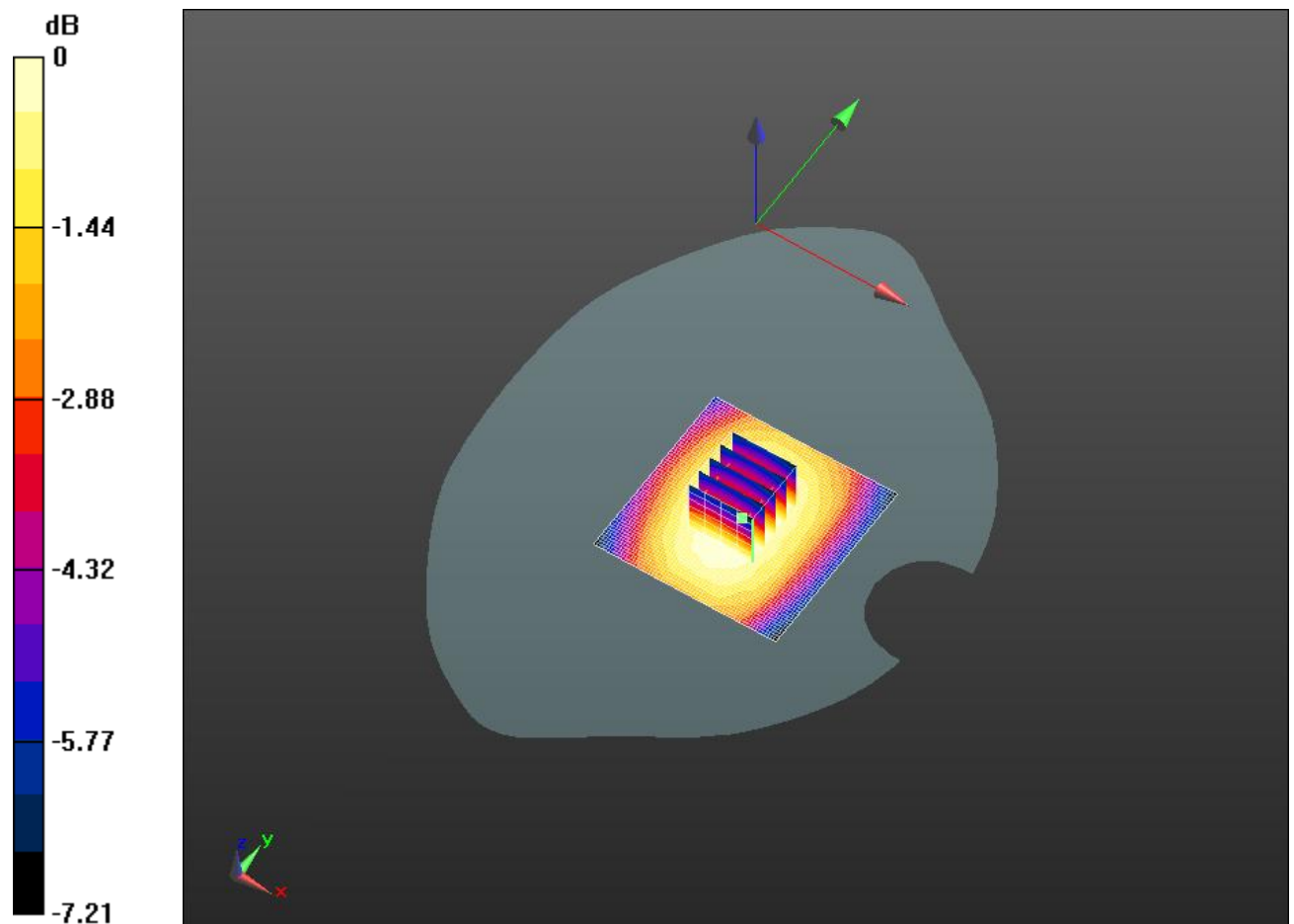
Body/Facedown Mid 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.259 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.185 mW/g

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.158 W/kg = -16.05 dB W/kg

Date: 2018.09.05.

1.1.12 LTE Band12 (10MHz) Body Back Side Mid 10mm

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band12(10MHz); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ mho/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

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

Reference Value = 13.841 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (interpolated) = 0.183 W/kg

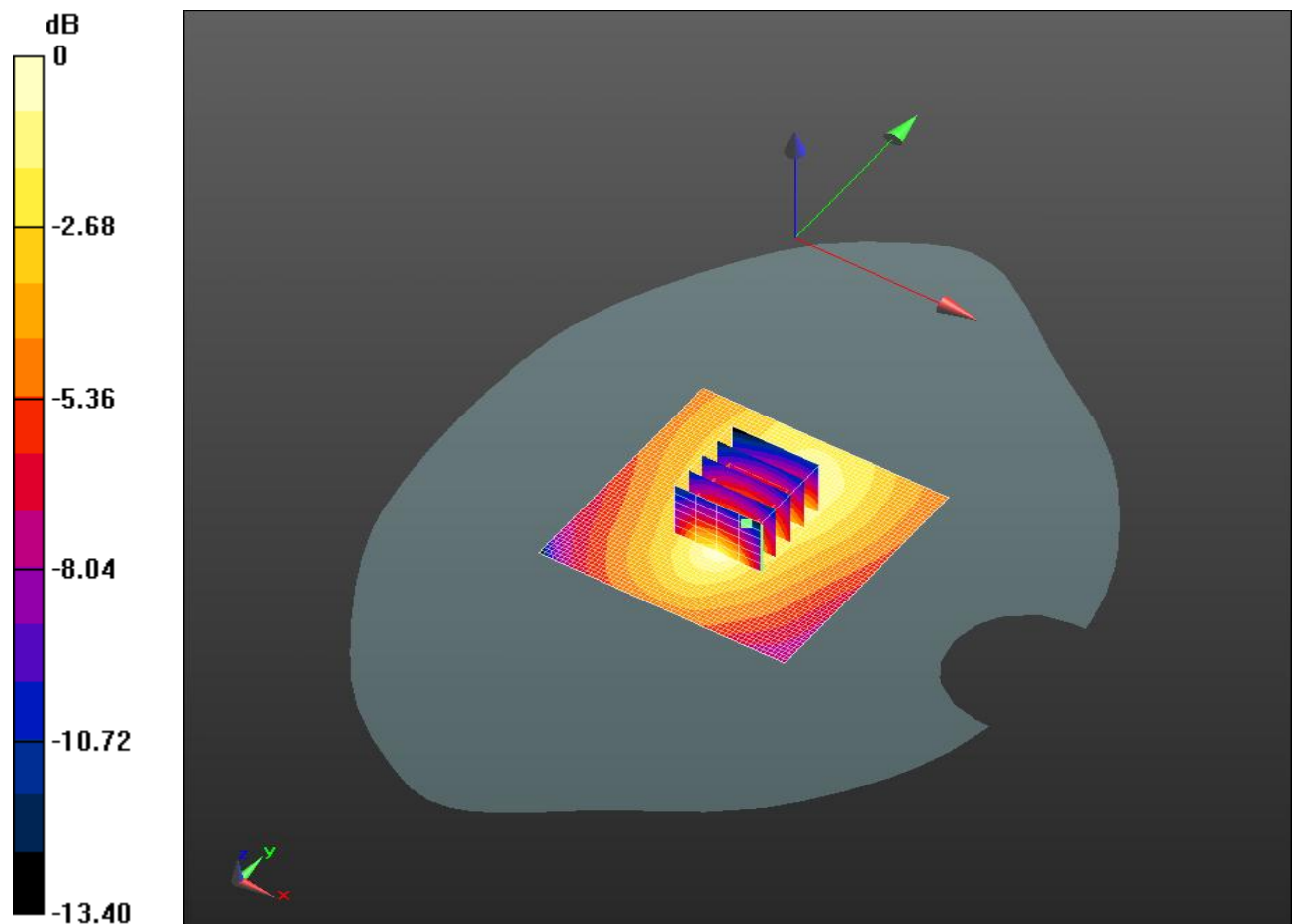
Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.841 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.208 mW/g

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.183 W/kg = -14.76 dB W/kg

Date: 2018.09.05.

1.1.13 LTE Band17 (10MHz) Head Right Cheek Mid

Medium: HSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17(10MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 710 \text{ MHz}$; $\sigma = 0.86 \text{ mho/m}$; $\epsilon_r = 42.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

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

Reference Value = 7.082 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (interpolated) = 0.125 W/kg

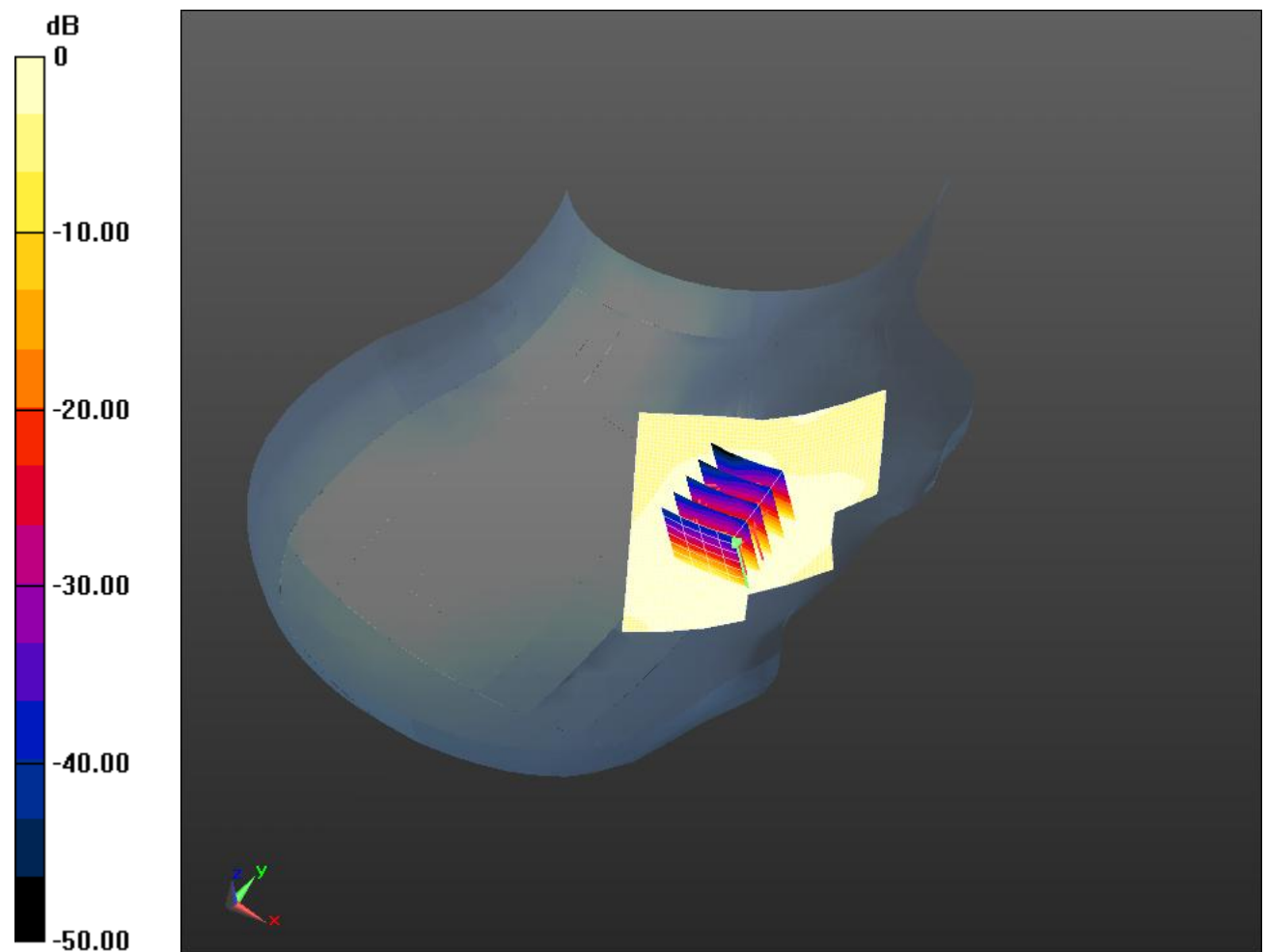
Head Right/Cheek Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.082 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.144 mW/g

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.096 mW/g

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



0 dB = 0.125 W/kg = -18.03 dB W/kg

Date: 2018.09.05.

1.1.14 LTE Band17 (10MHz) Body Back Side Mid 15mm

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17(10MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 710 \text{ MHz}$; $\sigma = 0.86 \text{ mho/m}$; $\epsilon_r = 42.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

Body/Facedown Mid 15/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 13.519 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.113 mW/g.

Maximum value of SAR (interpolated) = 0.166 W/kg

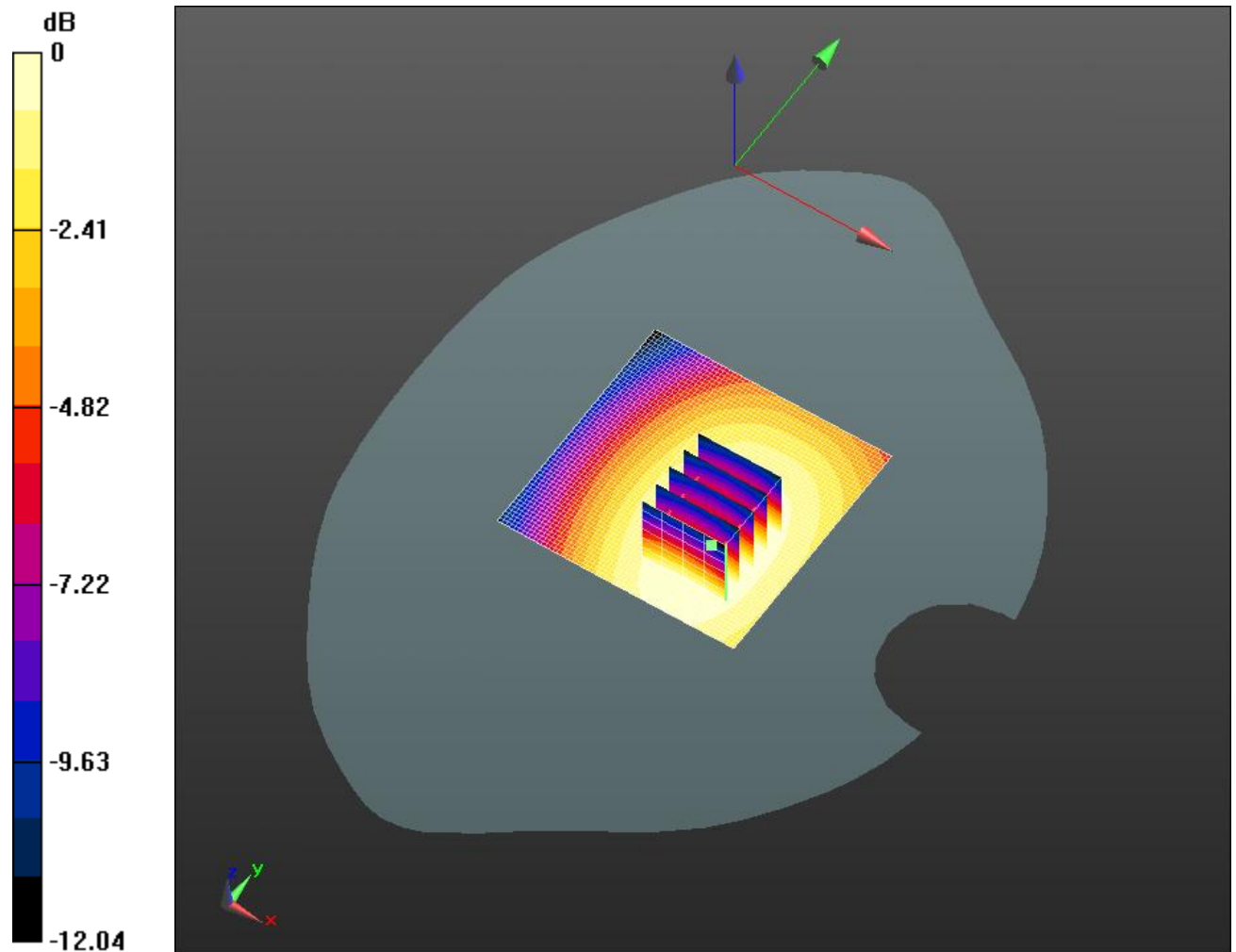
Body/Facedown Mid 15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.519 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.193 mW/g

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.166 W/kg = -15.62 dB W/kg

Date: 2018.09.10.

1.1.15 LTE Band17 (10MHz) Body Back Side Mid 10mm

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17(10MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 710$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 42.412$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

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

Reference Value = 13.808 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (interpolated) = 0.178 W/kg

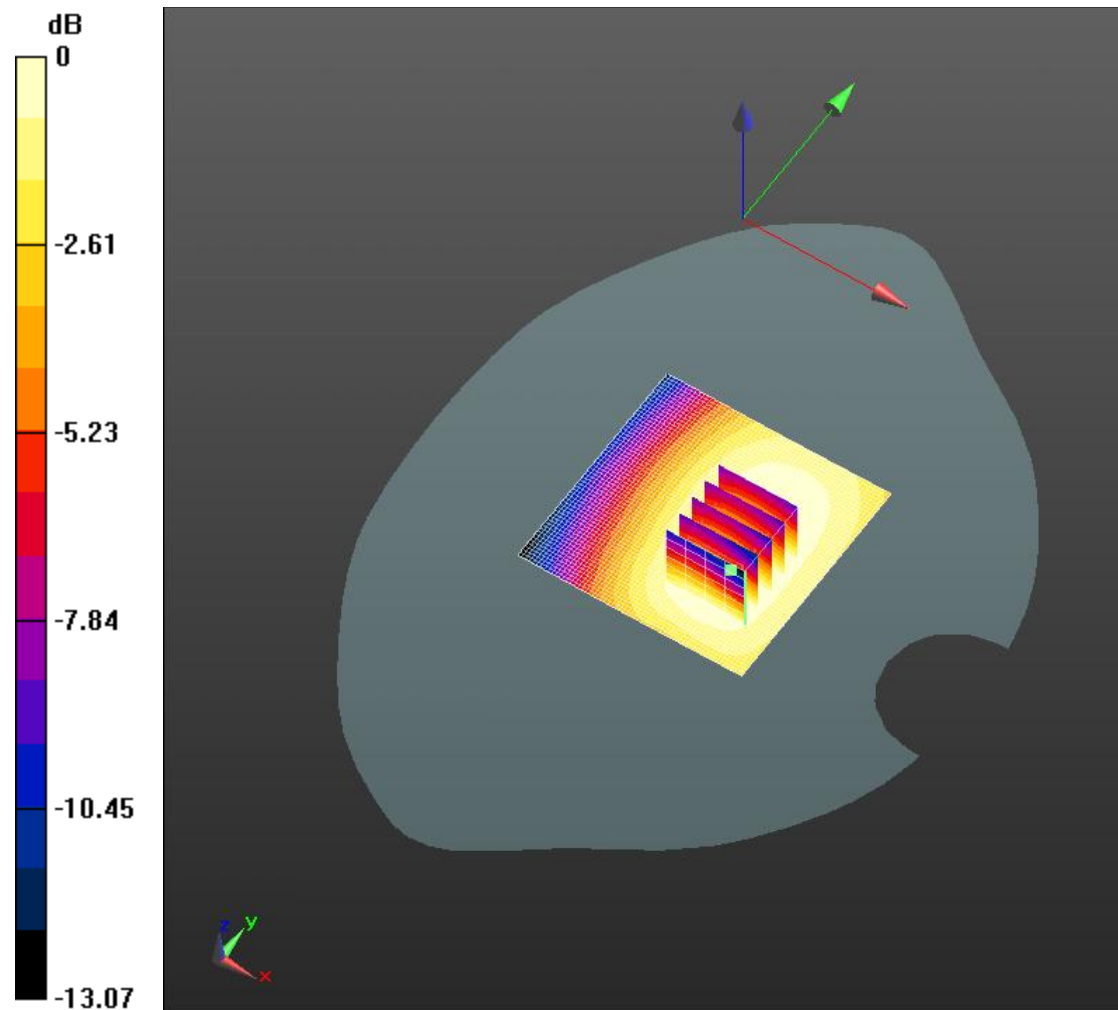
Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.808 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.209 mW/g

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.178 W/kg = -15.01 dB W/kg

Date: 2018.11.01.

1.1.16 CDMA BC0 Body Front Side Mid 0mm

Medium: MSL900

Communication System: CDMA 1X ; Communication System Band: EVDO BC0; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.859$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASYS Configuration: Probe: EX3DV4 - SN3881; ConvF(9.57, 9.57, 9.57); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

CDMA BC0-Faceup/Mid 3/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 13.995 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (interpolated) = 0.934 W/kg

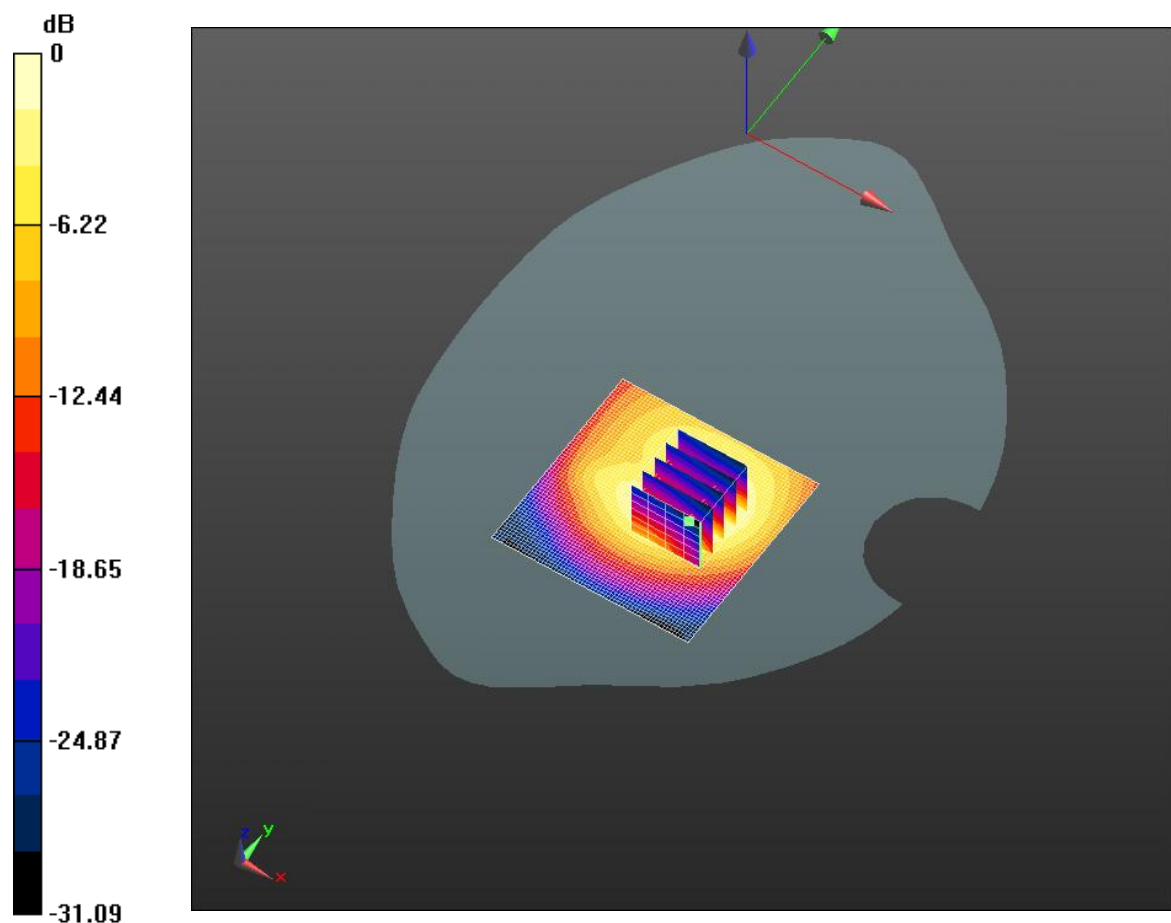
CDMA BC0-Faceup/Mid 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.995 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.712 mW/g

SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 0.934 W/kg = -0.60 dB W/kg

Date: 2018.11.01.

1.1.17 CDMA BC1 Body Bottom Side Low 0mm

Medium: MSL1800

Communication System: CDMA 1X ; Communication System Band: EVDO BC1; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 51.236$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.64, 7.64, 7.64); Calibrated: 2018.07.14.; Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

CDMA BC1-Bottom/Low/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 26.339 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 3.11 mW/g; SAR(10 g) = 1.41 mW/g.

Maximum value of SAR (interpolated) = 3.64 W/kg

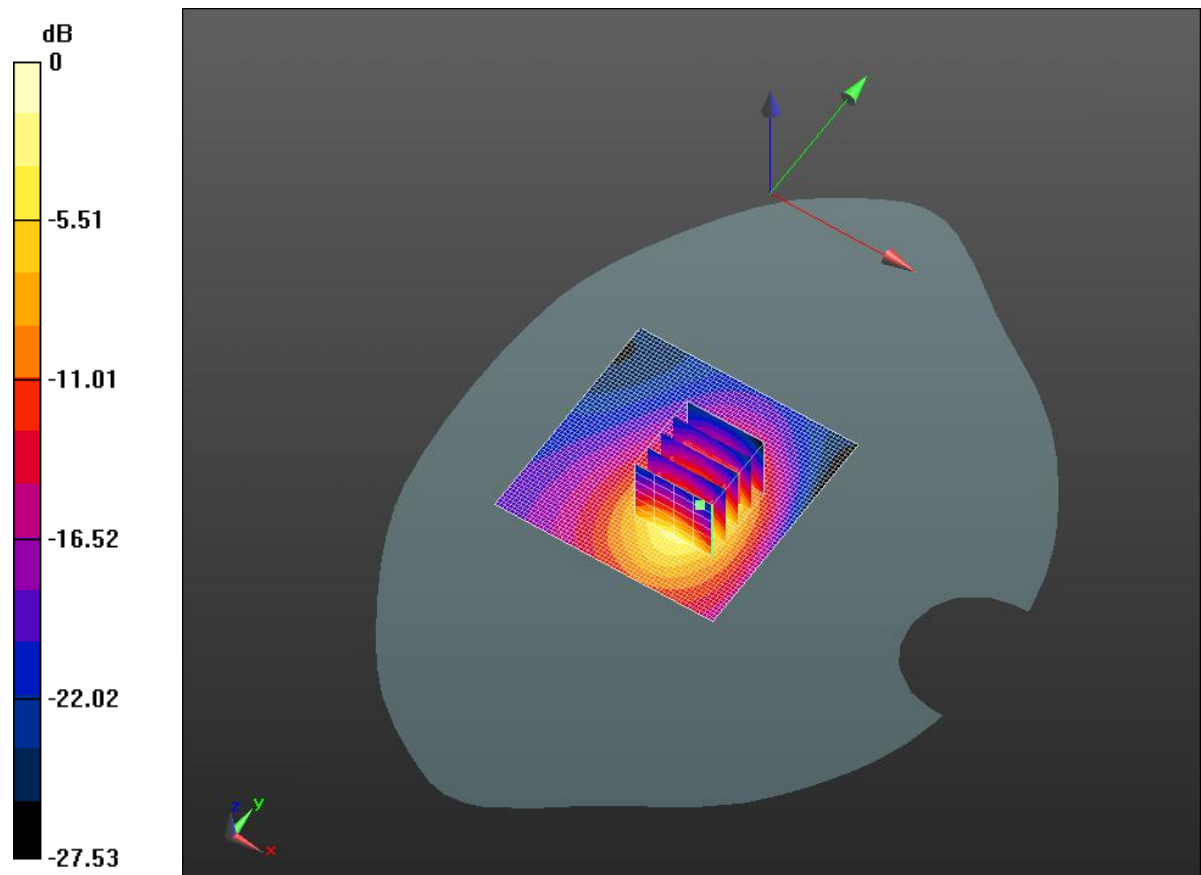
CDMA BC1-Bottom/Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.339 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.747 mW/g

SAR(1 g) = 3.24 mW/g; SAR(10 g) = 1.48 mW/g

Maximum value of SAR (measured) = 3.64 W/kg



0 dB = 3.64 W/kg = 11.22 dB W/kg

Date: 2018.11.01.

1.1.18 CDMA BC10 Body Back Side Mid 0mm

Medium: MSL750

Communication System: CDMA 1X ; Communication System Band: CDMA2000 BC0; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 848.31$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 40.484$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASYS Configuration: Probe: EX3DV4 - SN3881; ConvF(9.47, 9.47, 9.47); Calibrated: 2018.07.14.; Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

CDMA BC1-Left Side/Mid 2/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Reference Value = 15.288 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (interpolated) = 0.781 W/kg

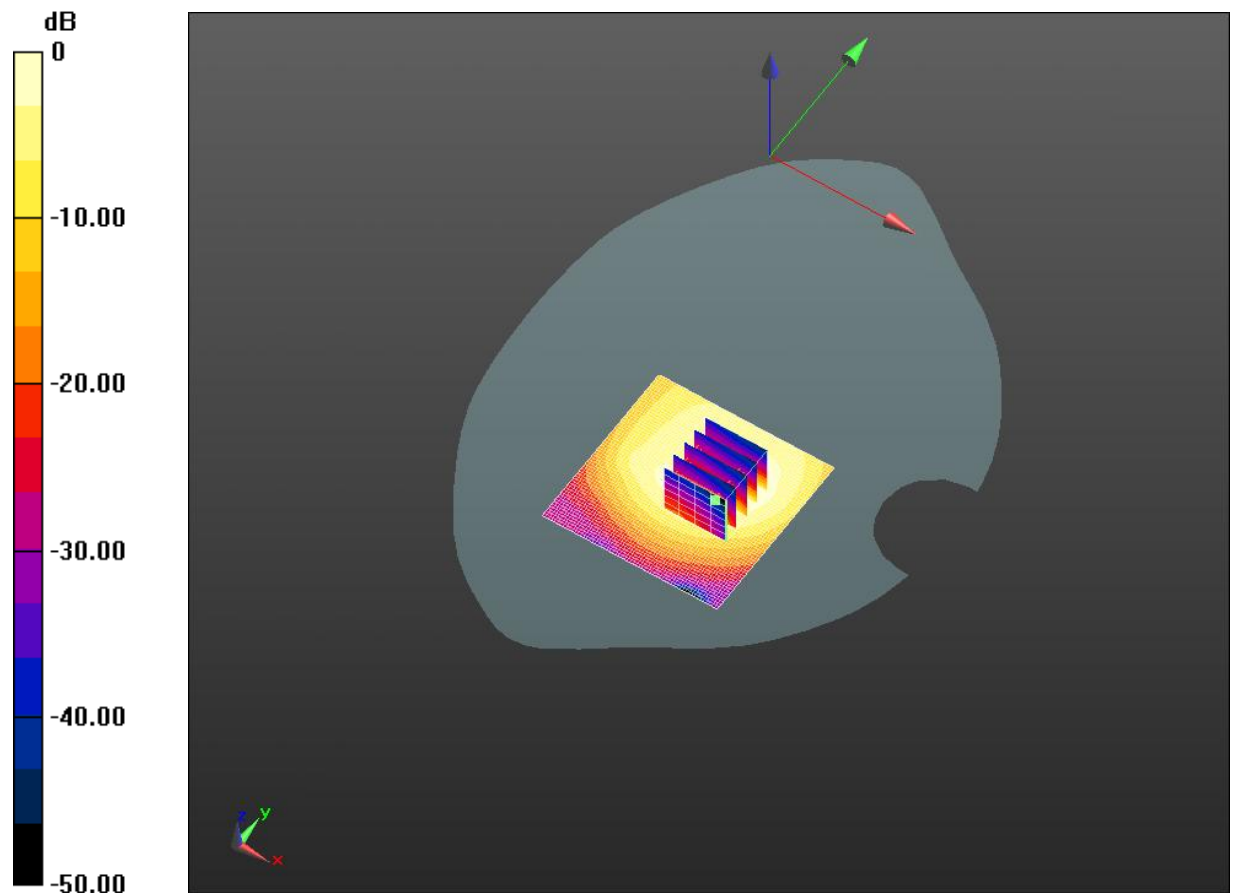
CDMA BC1-Left Side/Mid 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.288 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.622 mW/g

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.888 W/kg



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

Date: 2018.11.01.

1.1.19 LTE Band12 (10MHz) Body Back Side Mid 0mm

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band12(10MHz); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ mho/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;

Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

Body/Facedown Mid 2 2/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 18.053 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (interpolated) = 0.978 W/kg

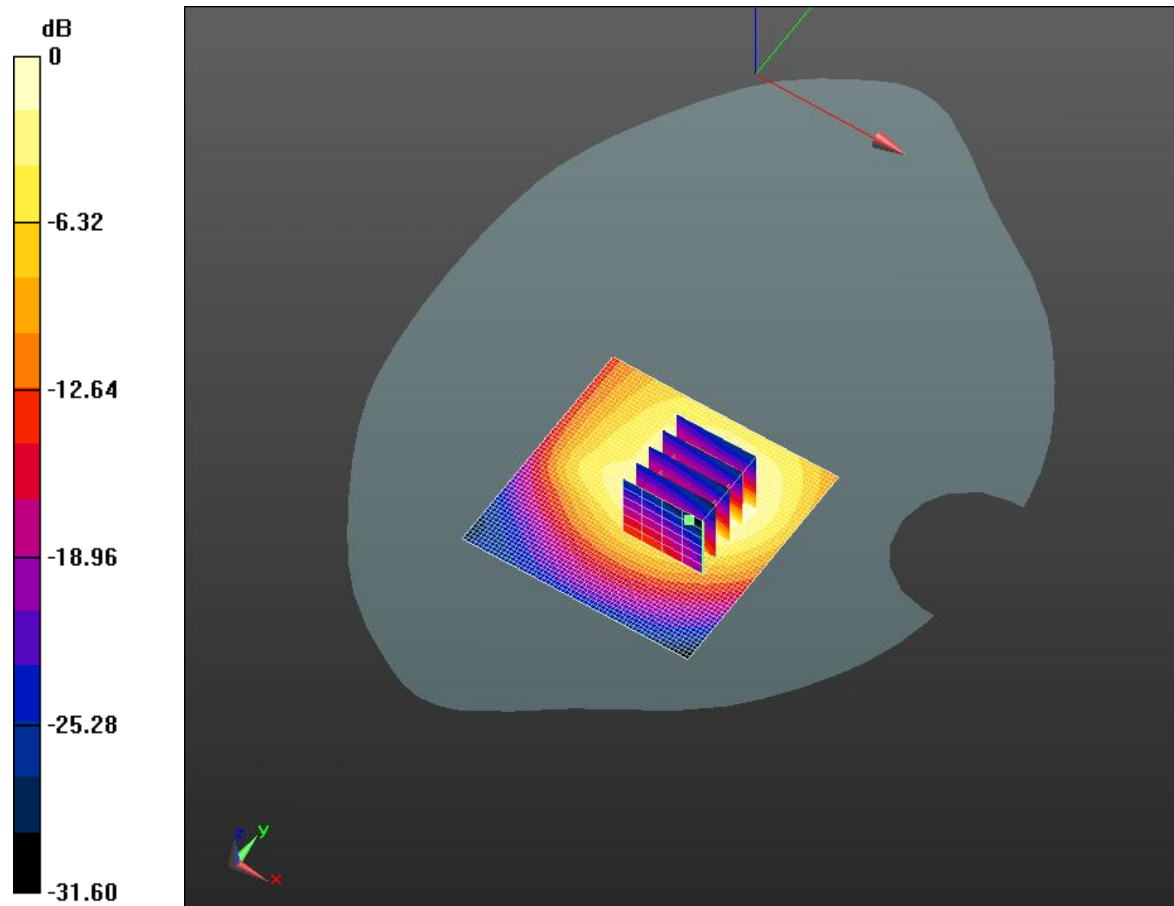
Body/Facedown Mid 2 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.053 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.303 mW/g

SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.469 mW/g

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



0 dB = 0.978 W/kg = -0.19 dB W/kg

Date: 2018.11.01.

1.1.20 LTE Band17 (10MHz) Body Back Side Low 0mm

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17(10MHz); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.859$ mho/m; $\epsilon_r = 42.426$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.73, 9.73, 9.73); Calibrated: 2018.07.14.;
Electronics: DAE4 Sn876; Calibrated: 2018.03.22.

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

Reference Value = 17.761 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (interpolated) = 1.17 W/kg

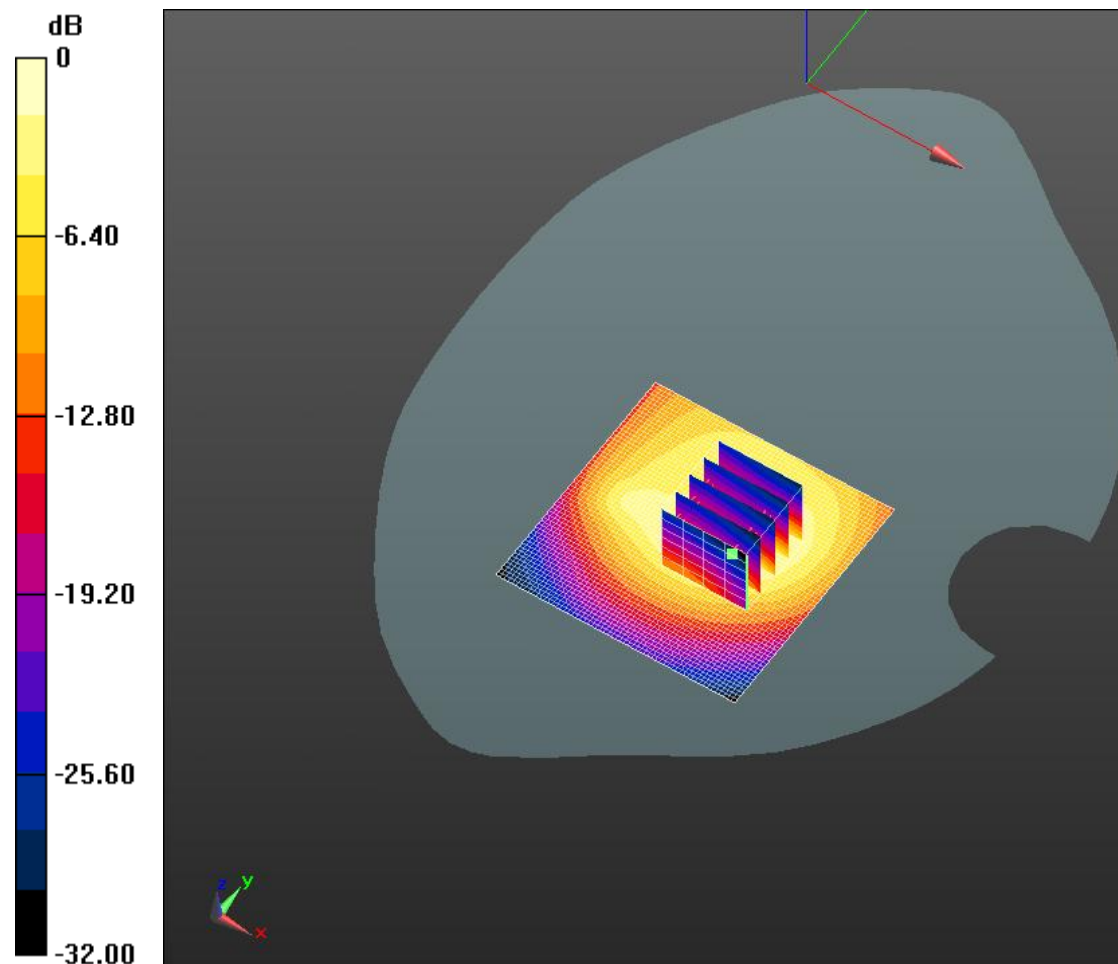
Body/Facedown Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.761 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.684 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.17 W/kg = 1.39 dB W/kg