

Test Laboratory: CCIS

Date/Time: 05.27.2015 20:53:12

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.908$ S/m; $\epsilon_r = 37.862$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.5, 7.5, 7.5); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 11.592 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.645 W/kg

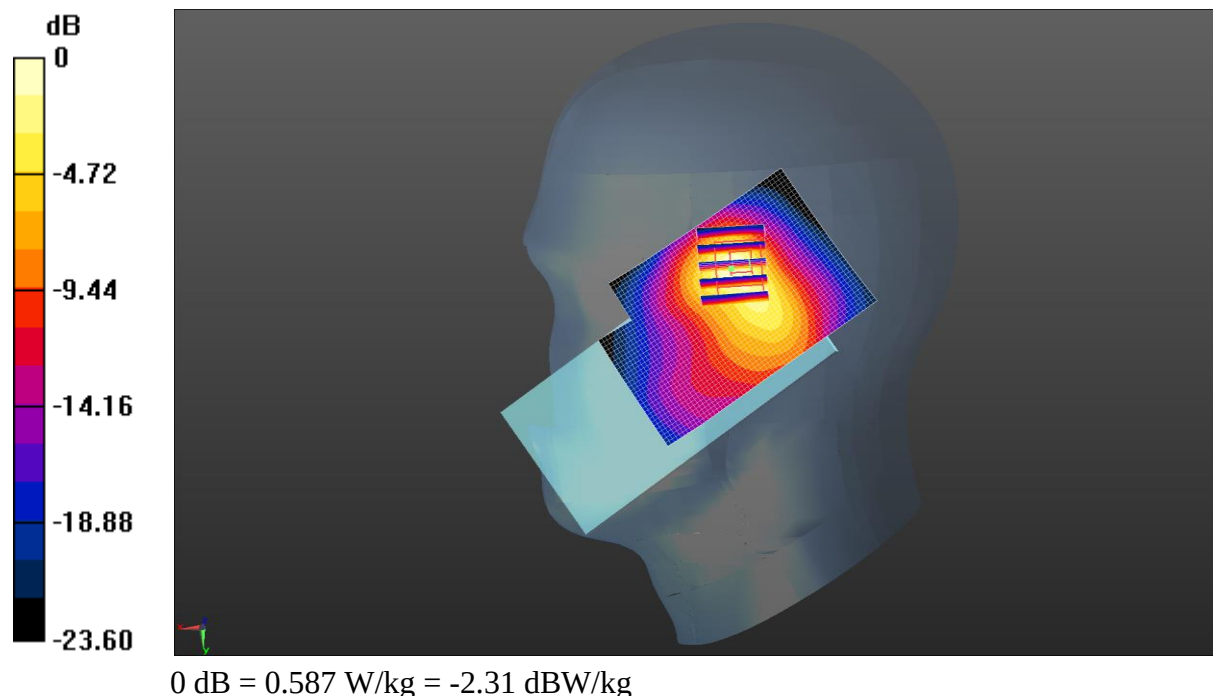
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.417 W/kg

WIFI Right Tilted/High Channel/Area Scan (41x61x1): Interpolated grid: $dx=1.200$

mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.587 W/kg



Test Laboratory: CCIS

Date/Time: 05.27.2015 21:25:04

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.908$ S/m; $\epsilon_r = 37.862$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.5, 7.5, 7.5); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Left Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.476 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.482 W/kg

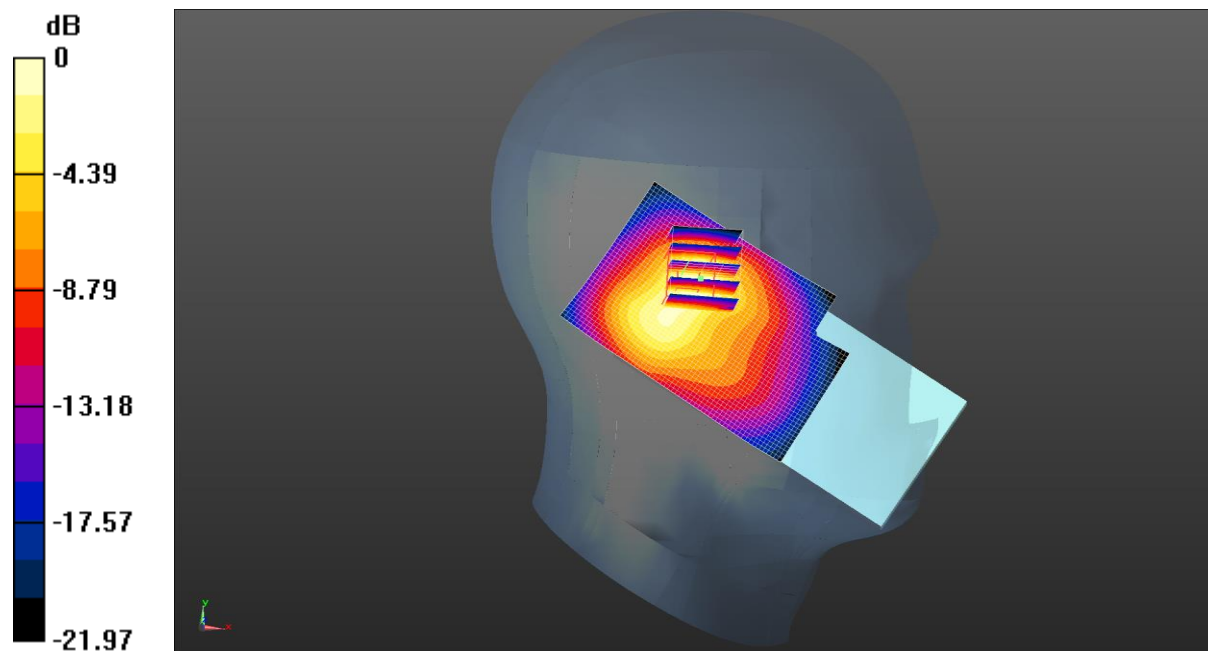
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.349 W/kg

WIFI Left Cheek/High Channel/Area Scan (41x61x1): Interpolated grid: $dx=1.200$

mm, $dy=1.200$ mm

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



0 dB = 0.414 W/kg = -3.83 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.27.2015 21:10:09

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.908$ S/m; $\epsilon_r = 37.862$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.5, 7.5, 7.5); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Left Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.299 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.492 W/kg

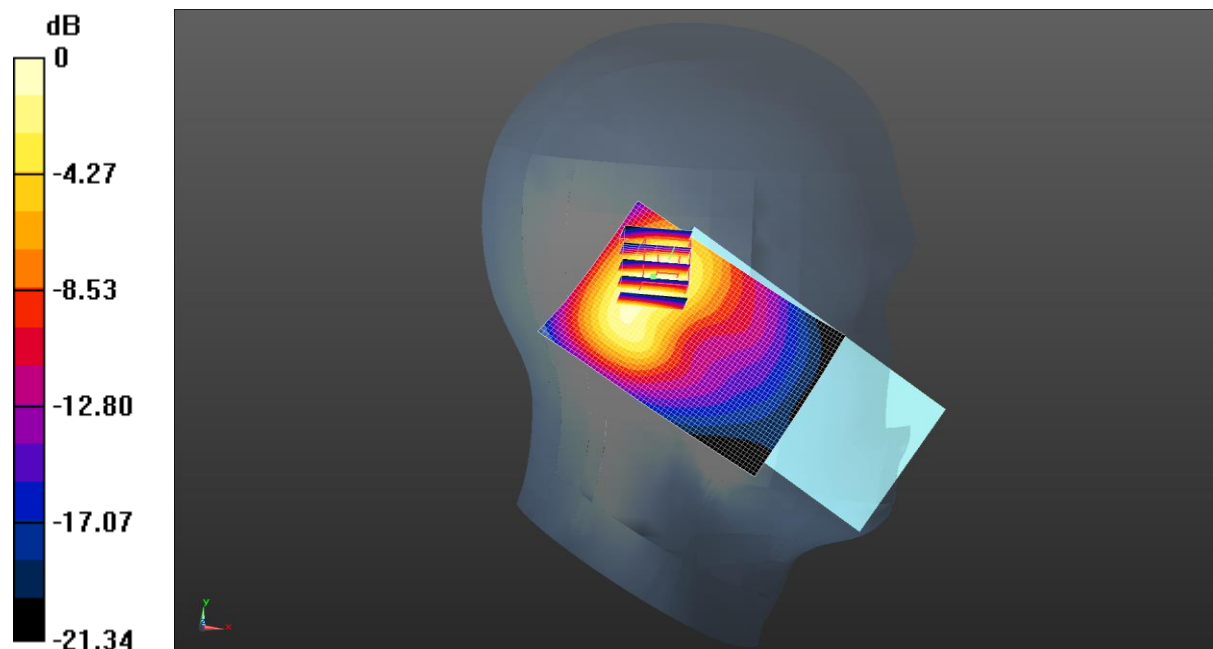
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.362 W/kg

WIFI Left Tilted/High Channel/Area Scan (41x61x1): Interpolated grid: $dx=1.200$

mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.329 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.24.2015 08:35:52

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz

Medium parameters used (extrapolated): $f = 824.2$ MHz; $\sigma = 1.039$ S/m; $\epsilon_r = 57.312$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 850 Body Front/Low Channel/Area Scan (41x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.311 W/kg

GSM 850 Body Front/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement

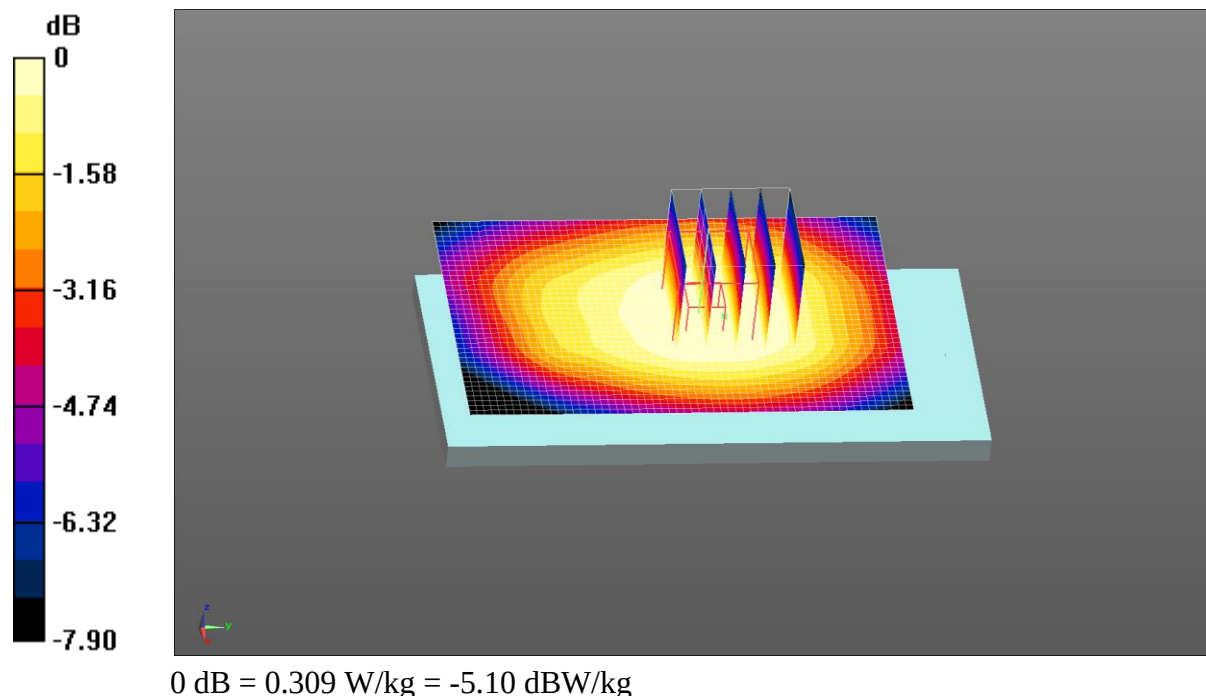
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.810 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.309 W/kg



Test Laboratory: CCIS

Date/Time: 05.23.2015 17:40:41

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz

Medium parameters used (extrapolated): $f = 824.2$ MHz; $\sigma = 1.039$ S/m; $\epsilon_r = 57.312$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 850 Body Back/Low Channel/Area Scan (41x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

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

GSM 850 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement

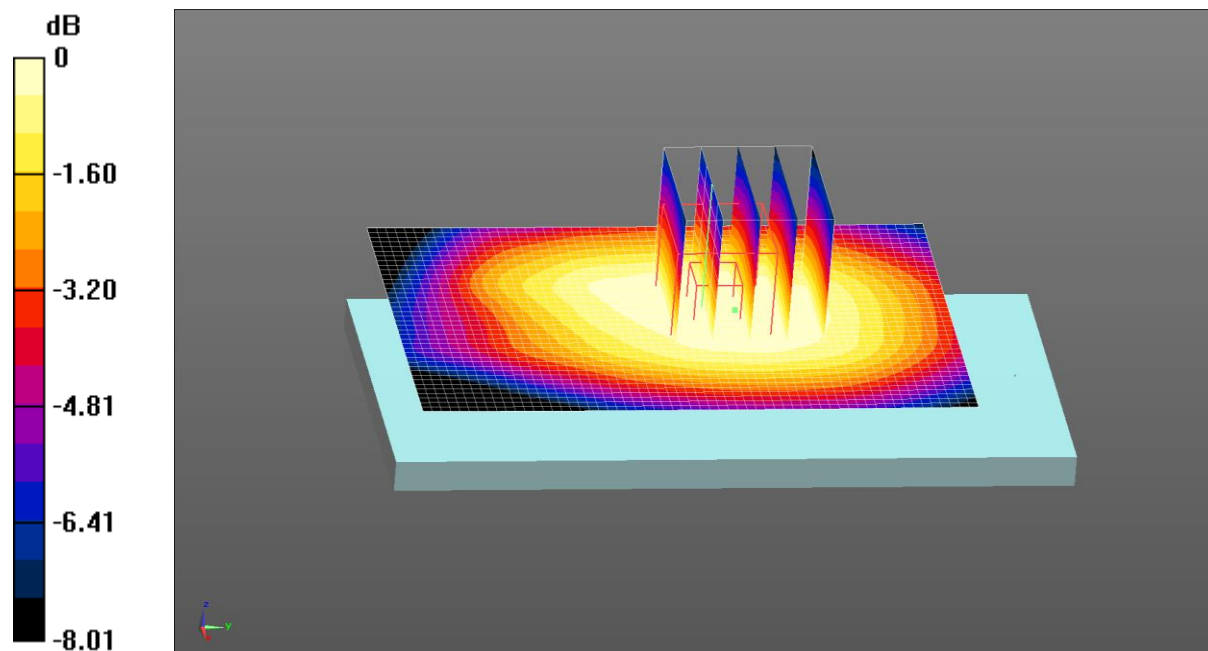
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.451 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.29.2015 19:39:03

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 1900 Body Front/Low Channel/Area Scan (41x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.112 W/kg

GSM 1900 Body Front/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement

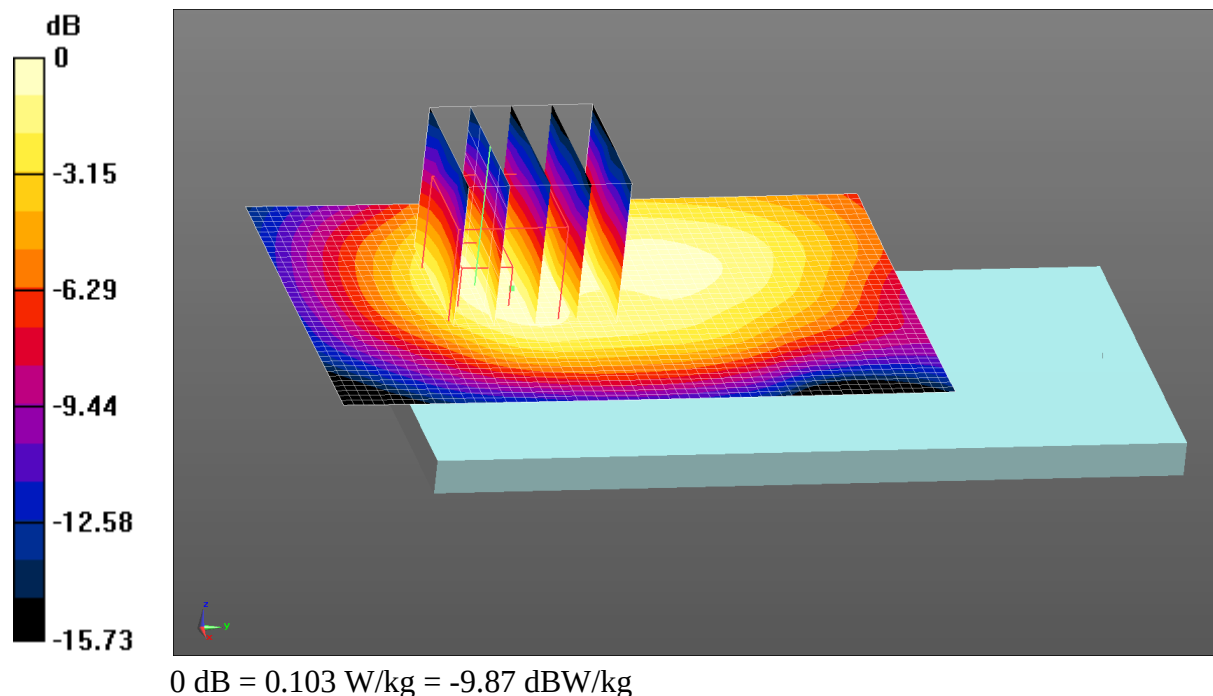
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.884 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



Test Laboratory: CCIS

Date/Time: 05.29.2015 19:54:05

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 1900 Body Back/Low Channel/Area Scan (41x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.171 W/kg

GSM 1900 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement

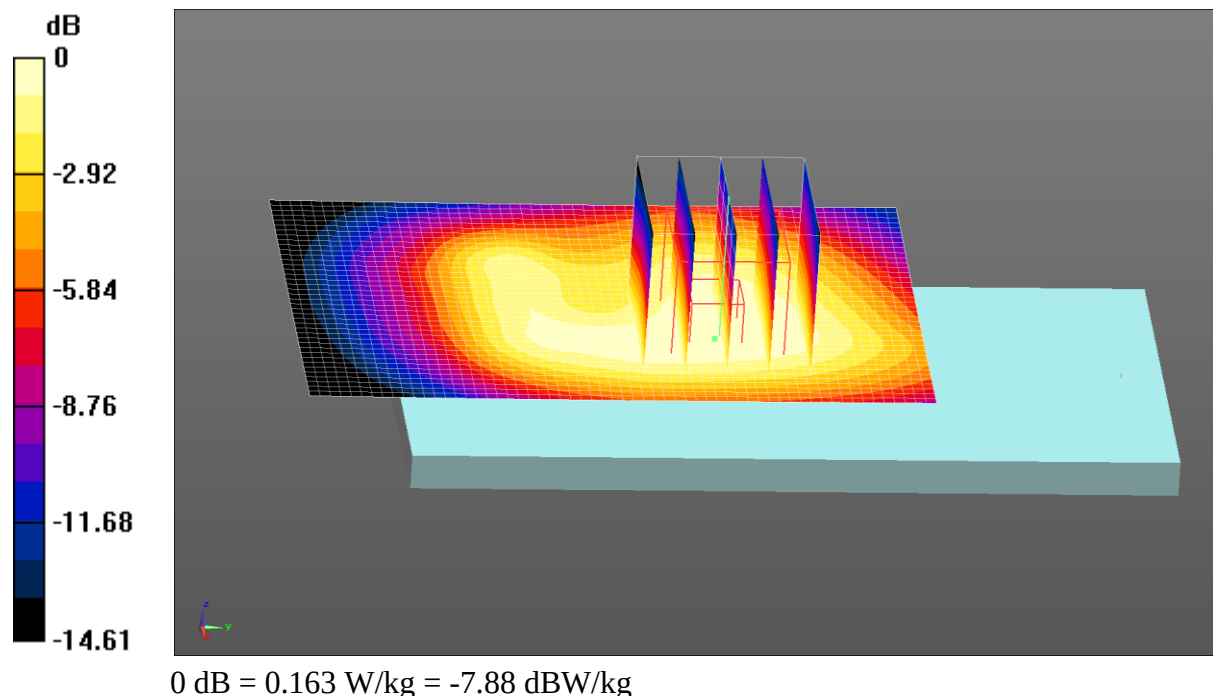
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.216 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.084 W/kg

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



Test Laboratory: CCIS

Date/Time: 05.24.2015 11:14:46

DUT: Mobile phone; Type: LT50+; Serial: 1#

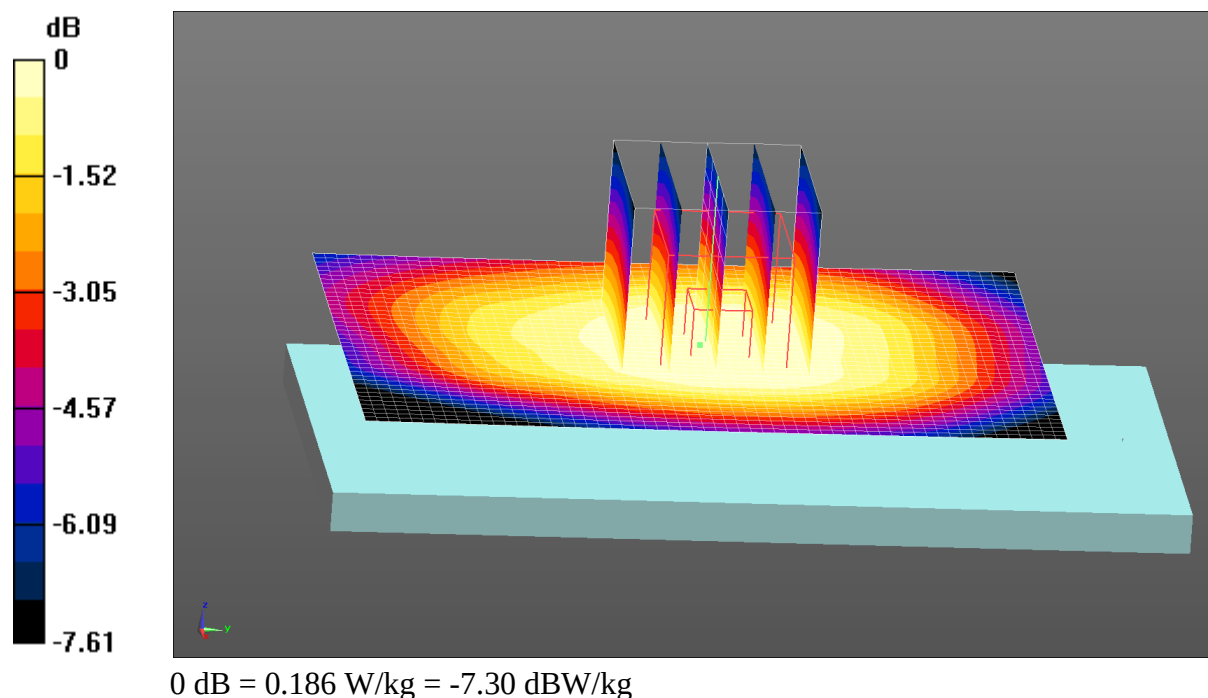
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
 Medium parameters used (extrapolated): $f = 836.6 \text{ MHz}$; $\sigma = 1.039 \text{ S/m}$; $\epsilon_r = 56.886$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Body Front/Middle Channel/Area Scan (41x61x1): Interpolated
 grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.190 W/kg

WCDMA 850 Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.996 V/m ; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.162 W/kg ; SAR(10 g) = 0.125 W/kg
 Maximum value of SAR (measured) = 0.186 W/kg



Test Laboratory: CCIS

Date/Time: 05.24.2015 10:57:54

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
 Medium parameters used (extrapolated): $f = 836.6 \text{ MHz}$; $\sigma = 1.039 \text{ S/m}$; $\epsilon_r = 56.886$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Body Back/Middle Channel/Area Scan (41x61x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.330 W/kg

WCDMA 850 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

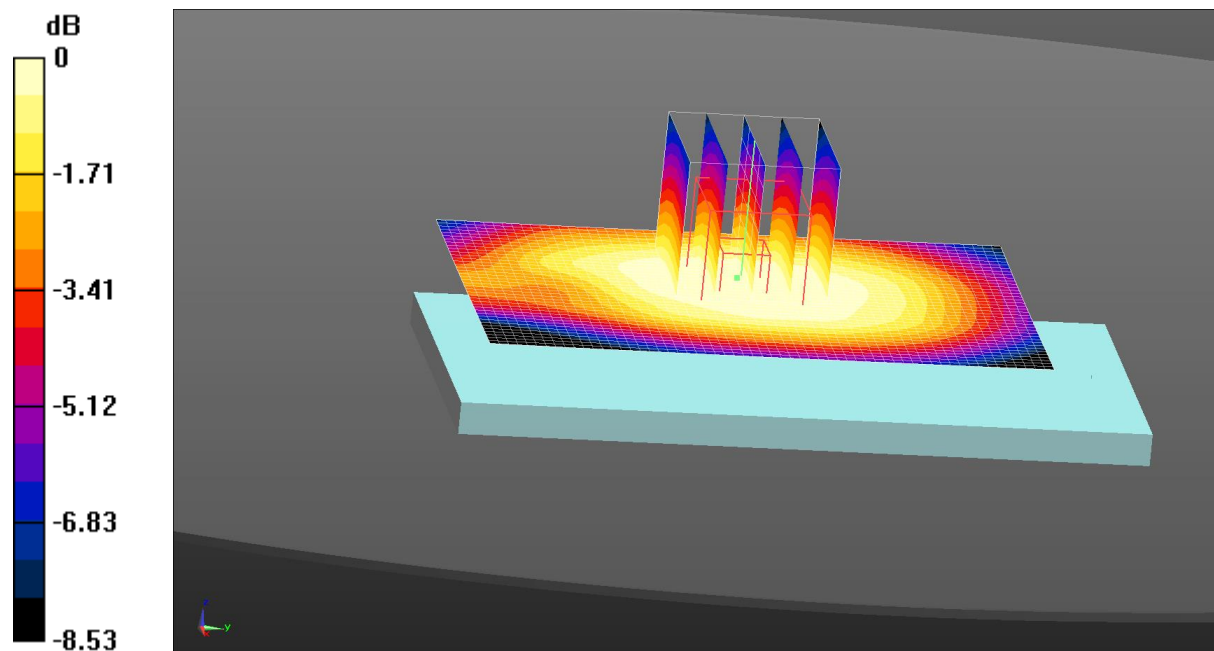
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.015 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.280 W/kg ; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.29.2015 22:33:23

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.492$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

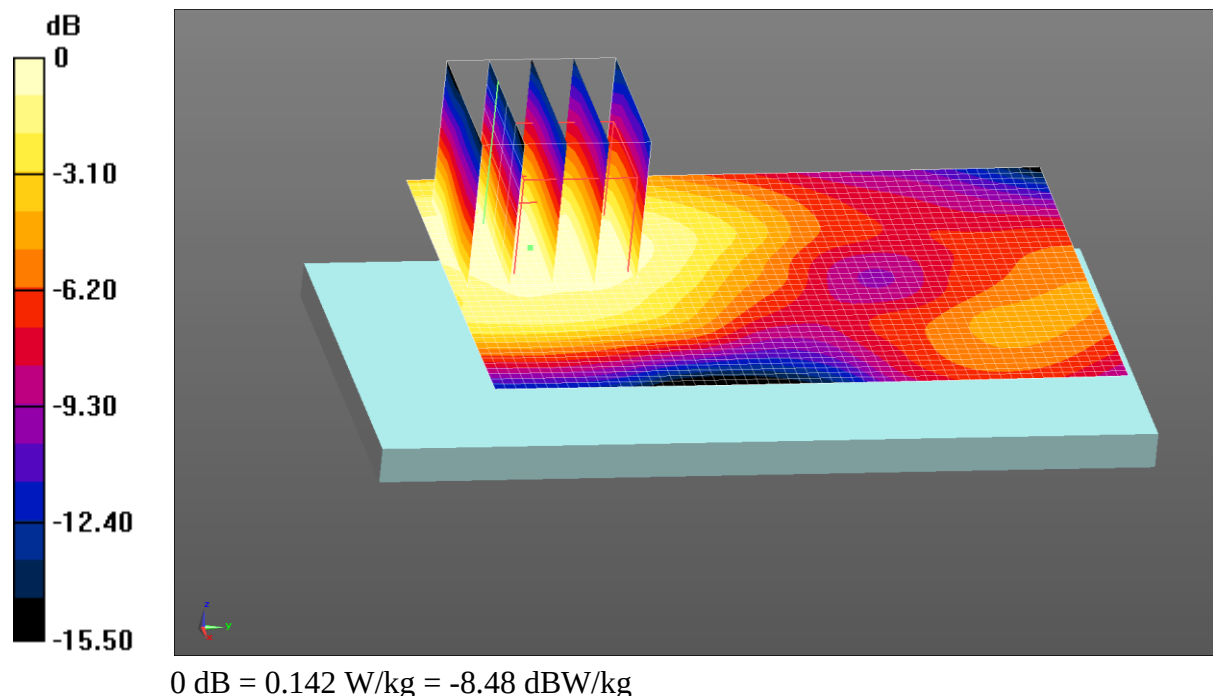
- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Body Front/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 6.940 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.068 W/kg
 Maximum value of SAR (measured) = 0.137 W/kg

WCDMA 1900 Body Front/Low Channel/Area Scan (41x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 0.142 W/kg



Test Laboratory: CCIS

Date/Time: 05.29.2015 22:46:07

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.492$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

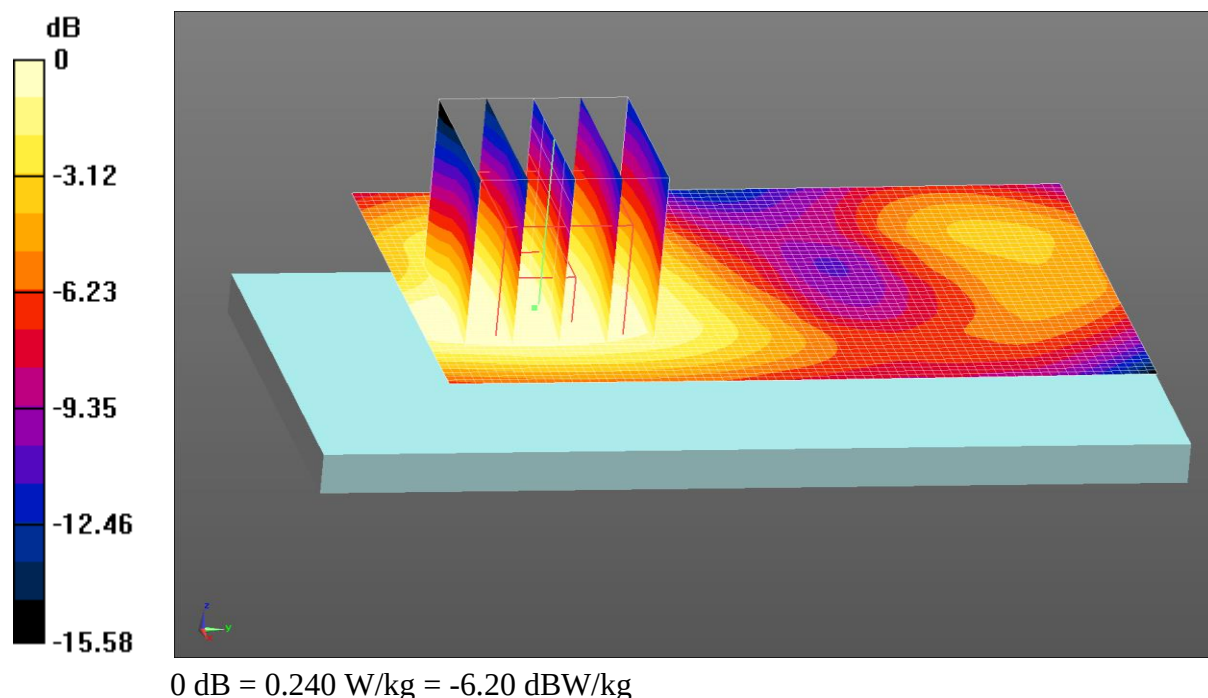
- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 8.809 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.125 W/kg
 Maximum value of SAR (measured) = 0.240 W/kg

WCDMA 1900 Body Back/Low Channel/Area Scan (51x81x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 0.240 W/kg



Test Laboratory: CCIS

Date/Time: 06.03.2015 08:29:05

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 52.414$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASYS2 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB(20MHz) Body Front/Low Channel/Area Scan (41x61x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0778 W/kg

LTE Band 2 1RB(20MHz) Body Front/Low Channel/Zoom Scan (5x5x7)/Cube

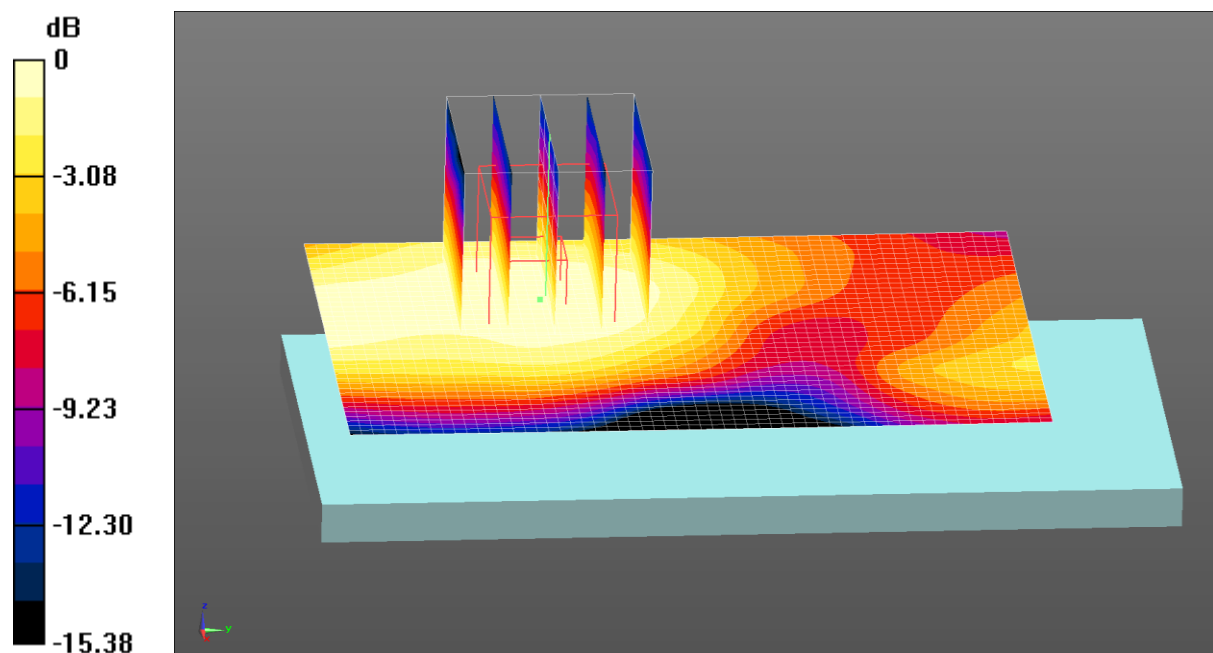
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.155 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0748 W/kg



0 dB = 0.0748 W/kg = -11.26 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 08:14:23

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 52.414$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB(20MHz) Body Back/Low Channel/Area Scan (41x61x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

LTE Band 2 1RB(20MHz) Body Back/Low Channel/Zoom Scan (5x5x7)/Cube

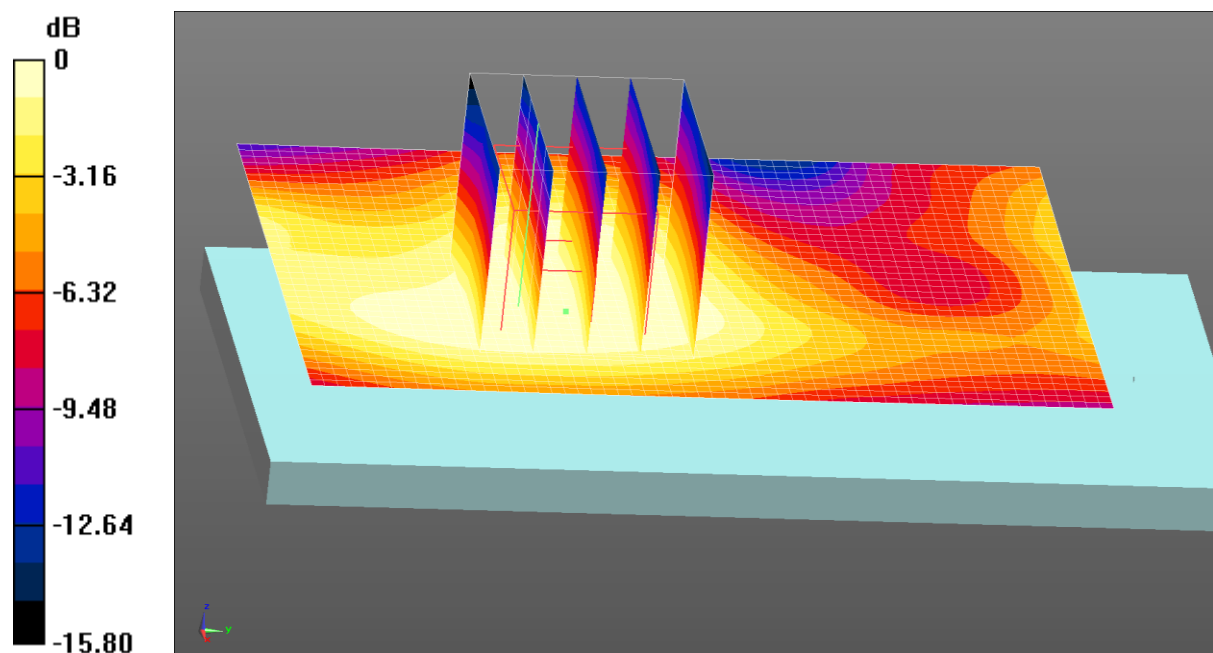
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.001 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 11:37:29

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 54.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB(20MHz) Body Front/High Channel/Area Scan (41x71x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.264 W/kg

LTE Band 4 1RB(20MHz) Body Front/High Channel/Zoom Scan

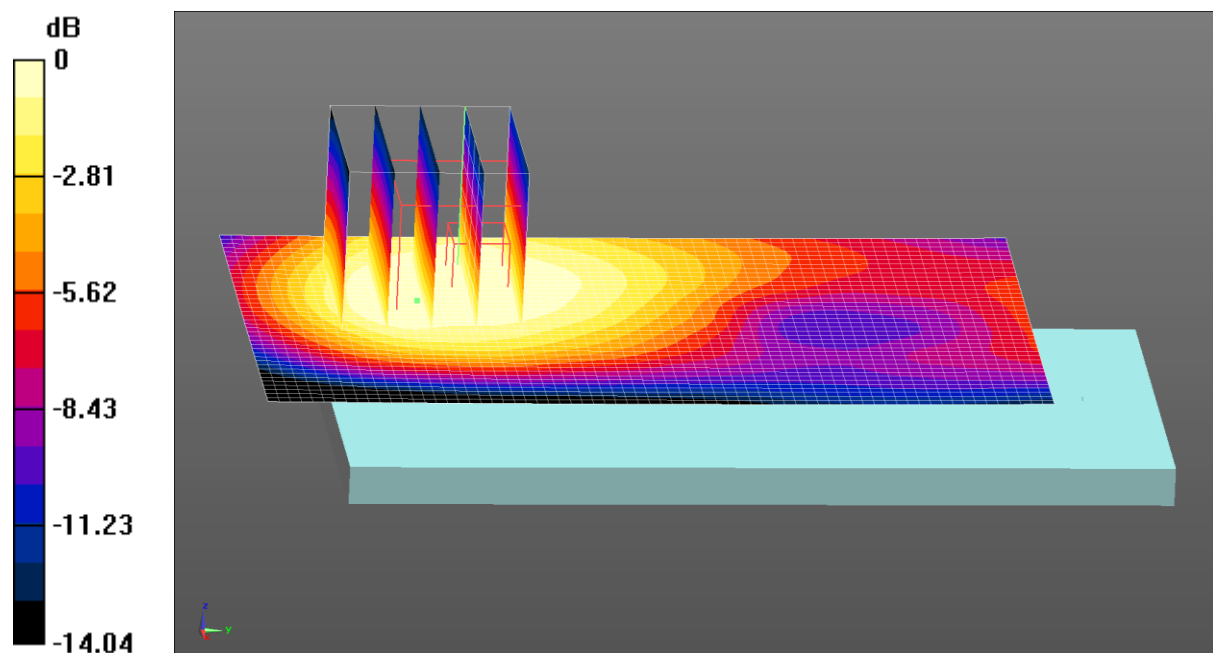
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.630 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 11:52:40

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 54.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB(20MHz) Body Back/High Channel/Area Scan (41x71x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.322 W/kg

LTE Band 4 1RB(20MHz) Body Back/High Channel/Zoom Scan (5x5x7)/Cube

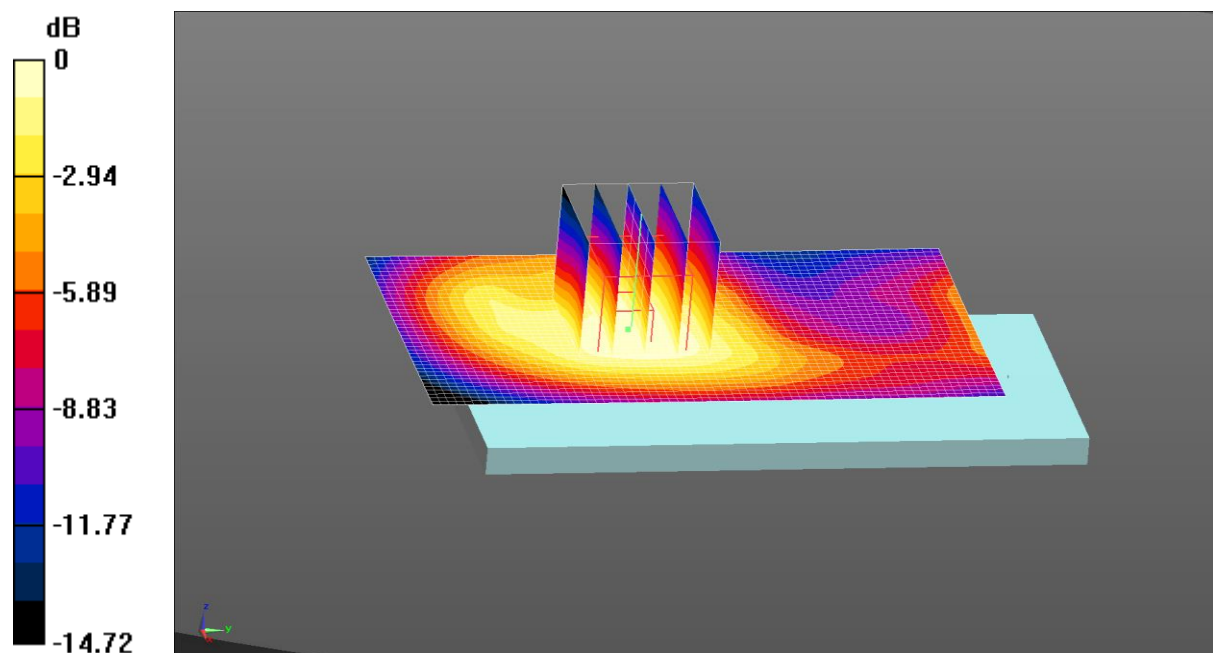
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.666 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg

Date: 5/21/2015

LTE B7 1RB Front ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Front 2/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.221 mW/g

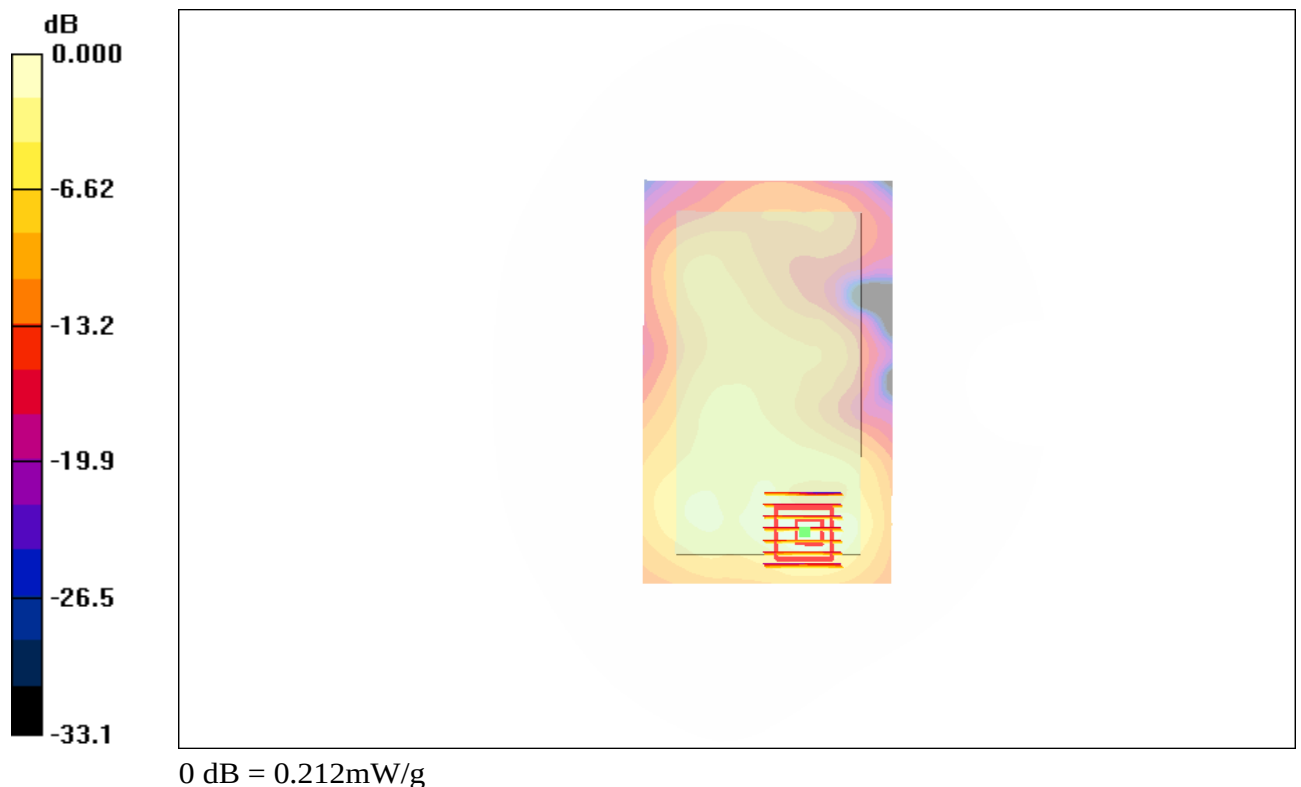
Front 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.75 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.212 mW/g



Date: 5/21/2015

LTE B7 1RB Back ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.49 mW/g

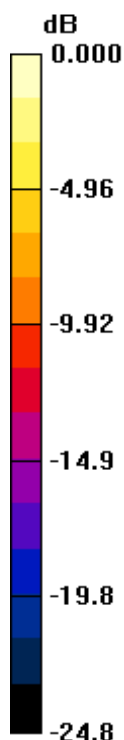
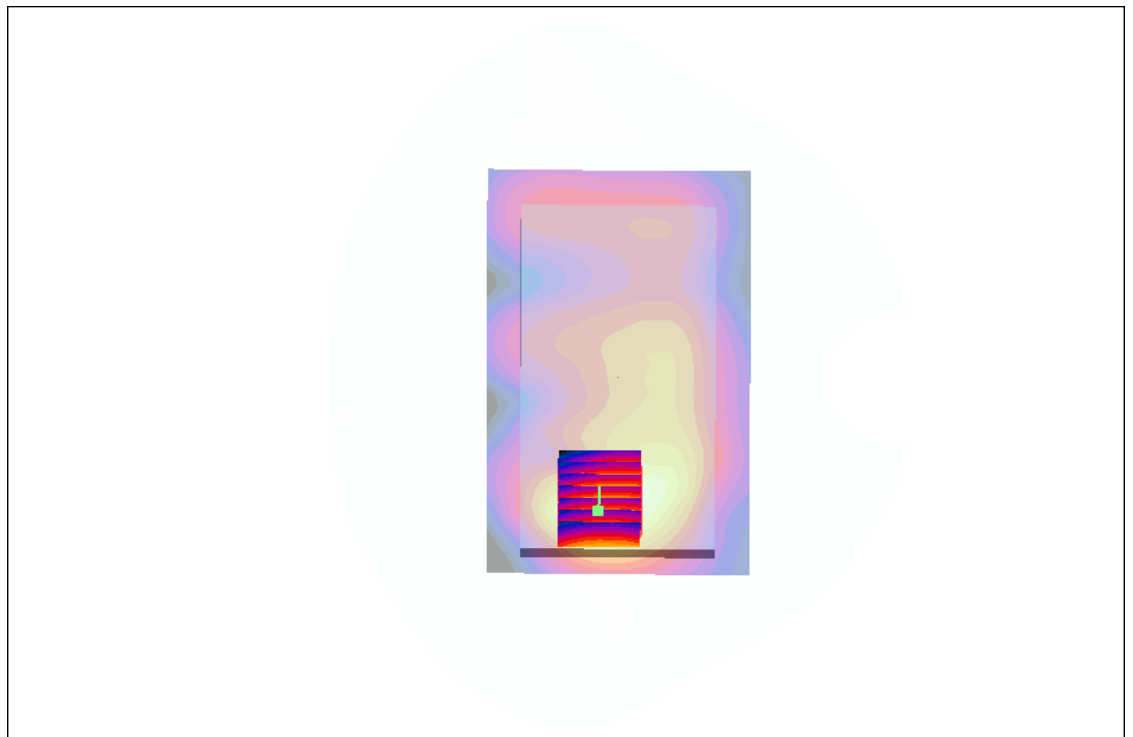
Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.83 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.44 mW/g



0 dB = 1.44mW/g

Date: 5/21/2015

LTE B7 1RB Back ch21100 Repeat SAR

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.47 mW/g

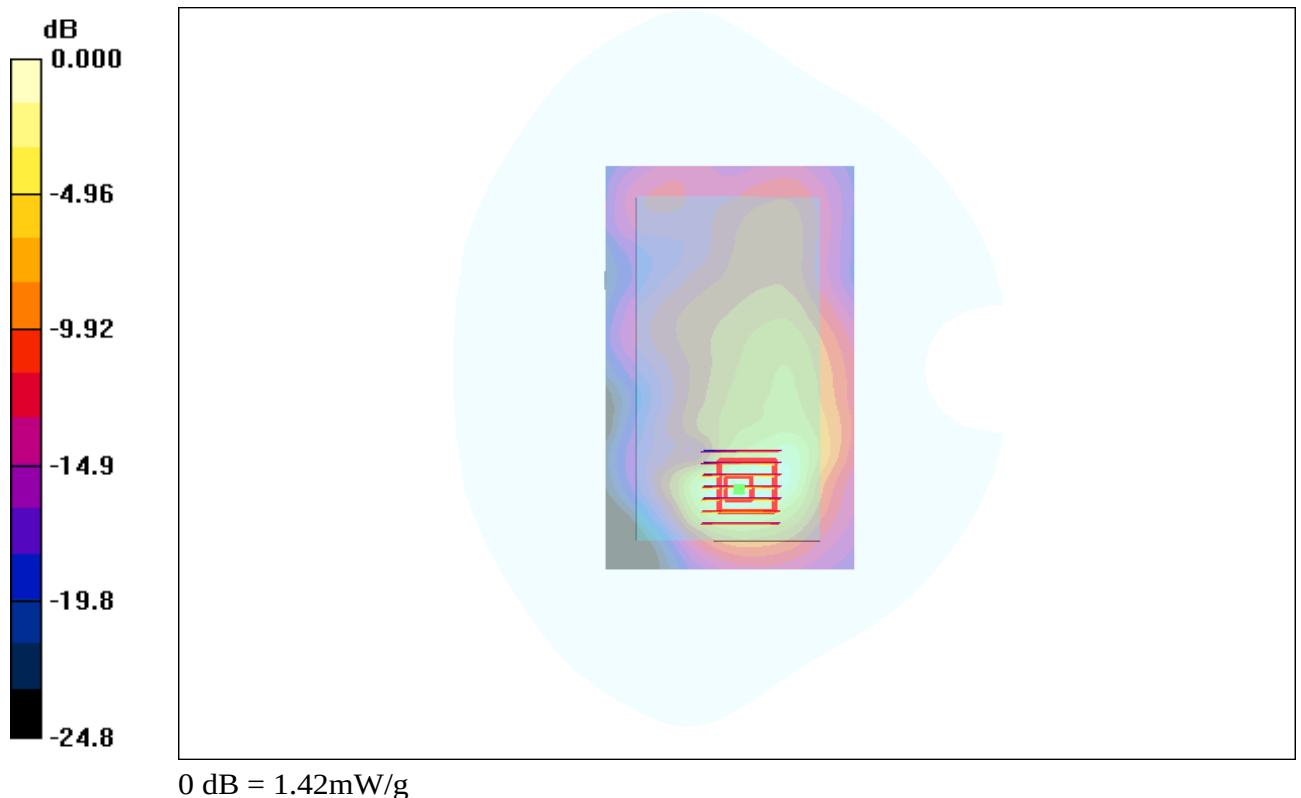
Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.81 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 1.20 mW/g; SAR(10 g) = 0.621 mW/g

Maximum value of SAR (measured) = 1.42 mW/g



Date: 5/21/2015

LTE B7 1RB Body Back ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back 3/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.53 mW/g

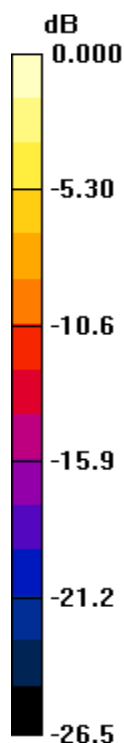
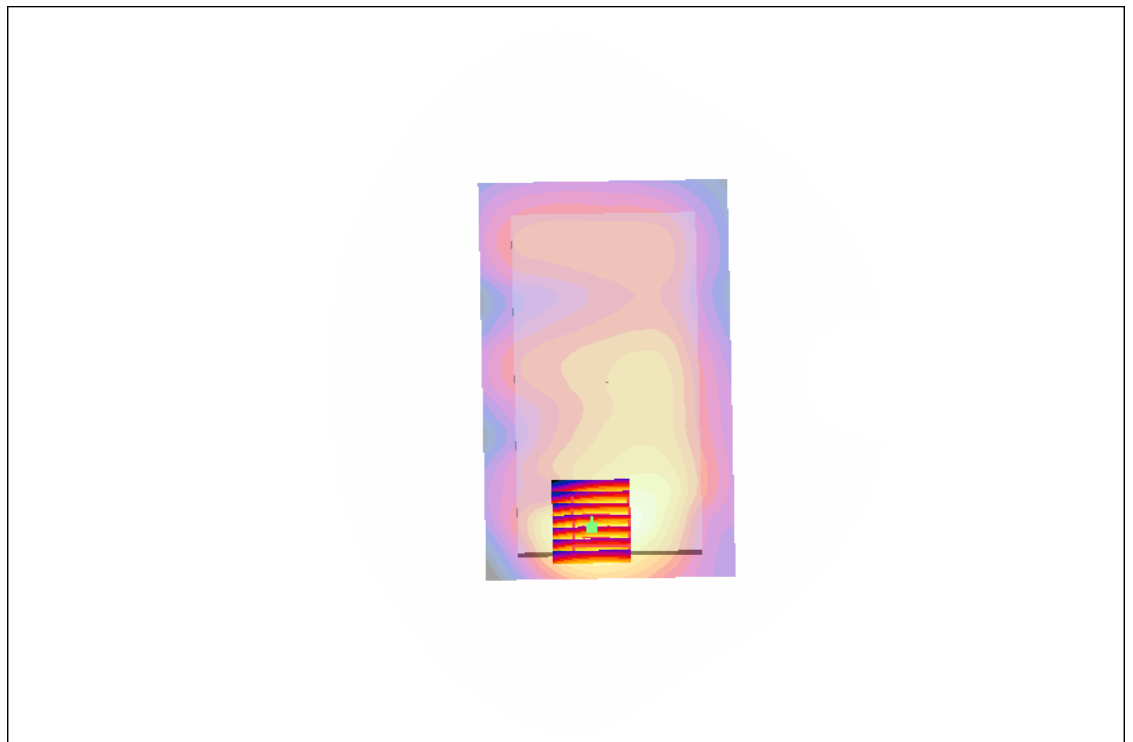
Back 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.590 mW/g

Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38mW/g

Date: 5/21/2015

LTE B7 1RB Back ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back 2/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.33 mW/g

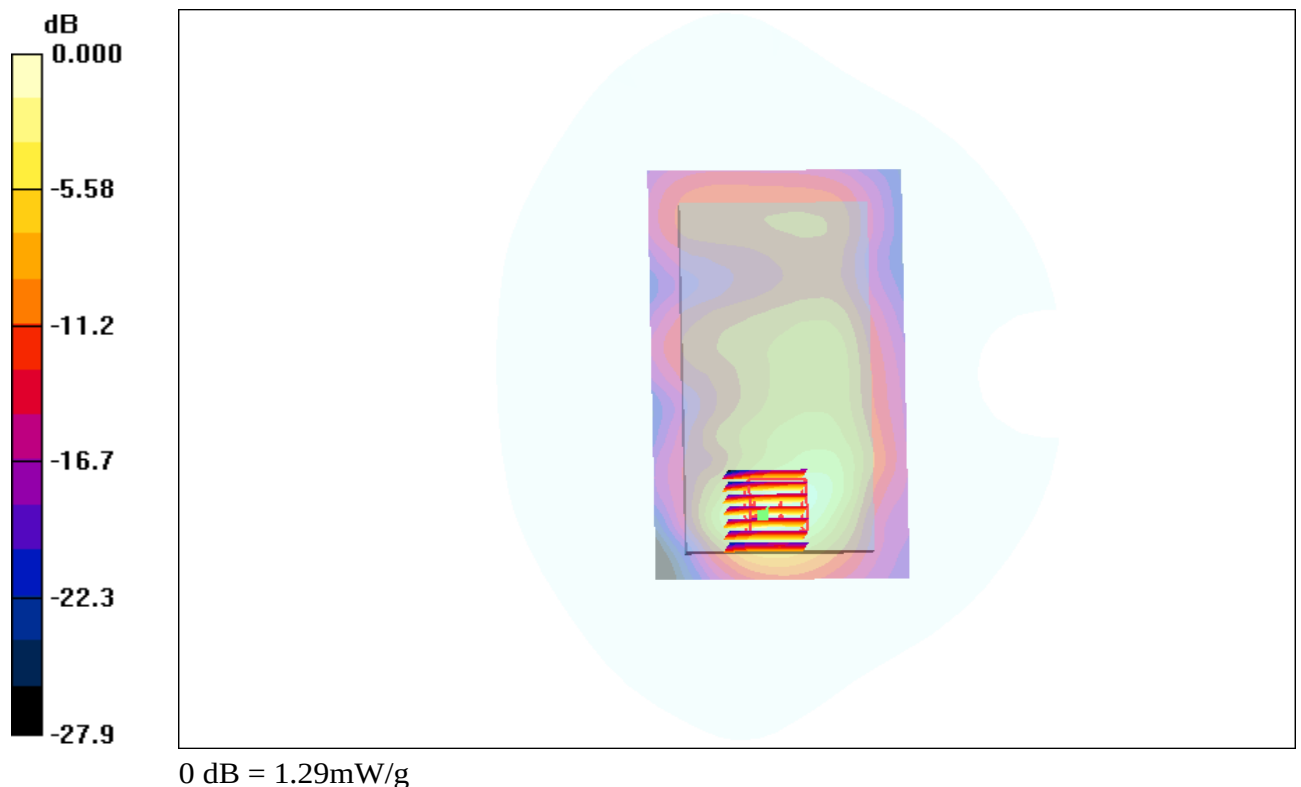
Back 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.54 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.10 mW/g; SAR(10 g) = 0.554 mW/g

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



Test Laboratory: CCIS

Date/Time: 06.03.2015 11:17:23

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 51.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB(20MHz) Body Front/Middle Channel/Area Scan

(41x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0933 W/kg

LTE Band 2 50%RB(20MHz) Body Front/Middle Channel/Zoom Scan

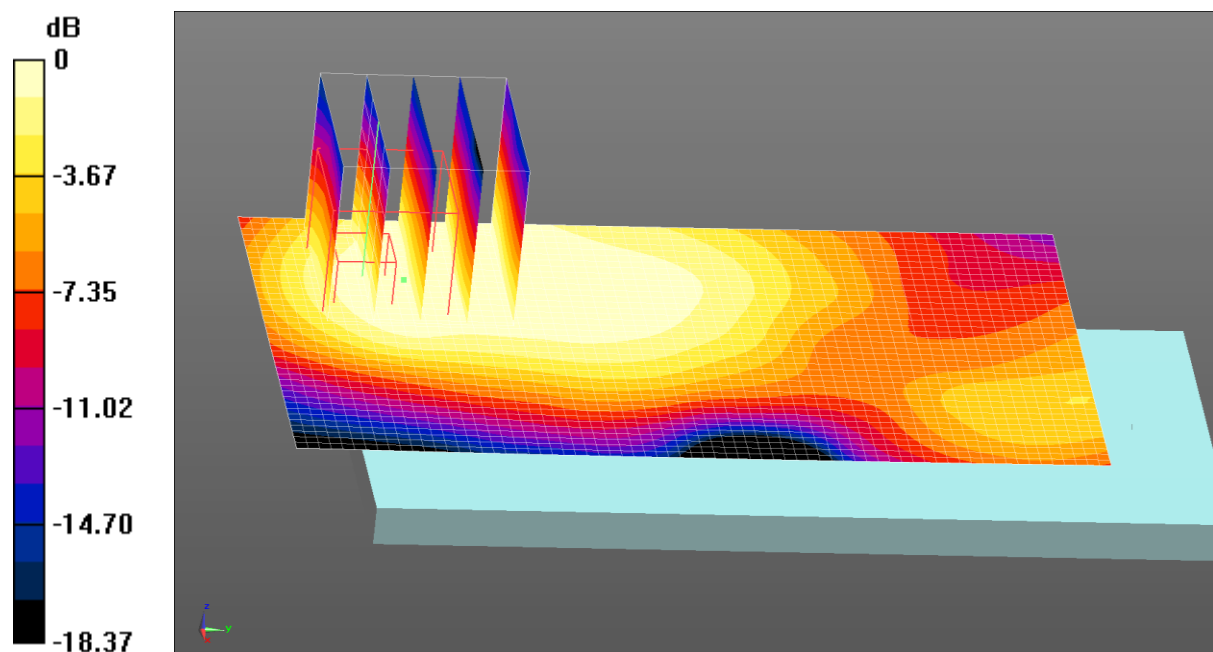
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.479 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0838 W/kg



0 dB = 0.0838 W/kg = -10.77 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 10:56:15

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 51.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB(20MHz) Body Back/Middle Channel/Area Scan

(41x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.145 W/kg

LTE Band 2 50%RB(20MHz) Body Back/Middle Channel/Zoom Scan

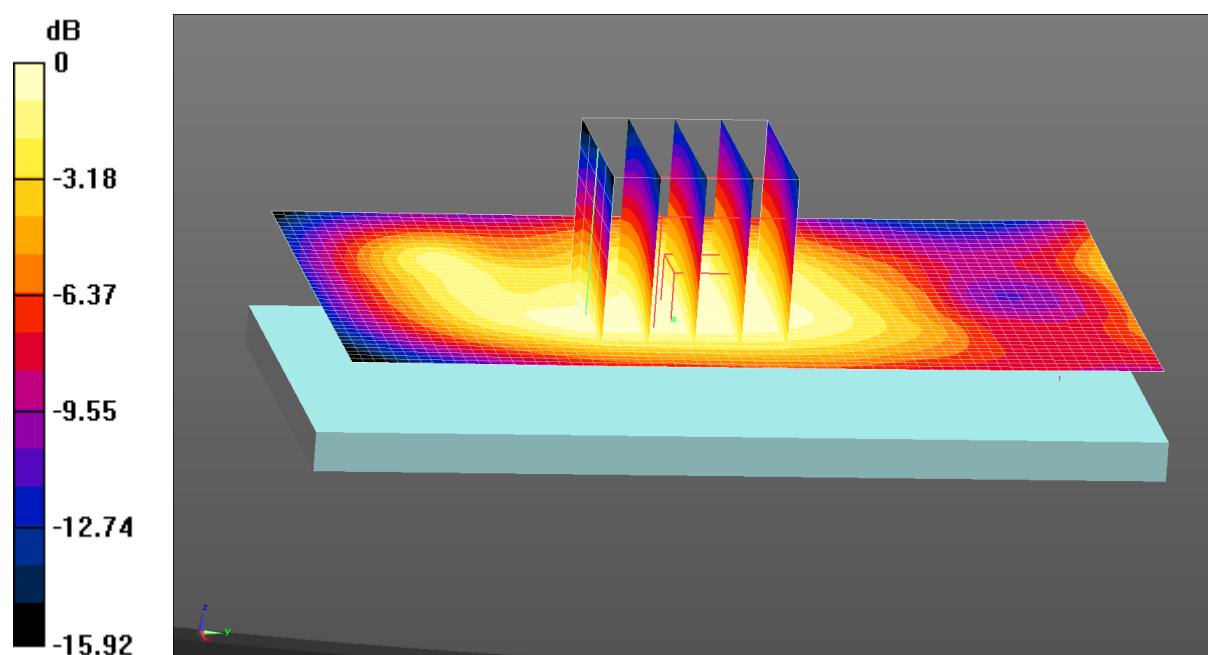
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.473 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 15:52:54

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1720 MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 55.018$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB(20MHz) Body Front/Low Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.061 V/m; Power Drift = 0.25 dB

Peak SAR (extrapolated) = 0.256 W/kg

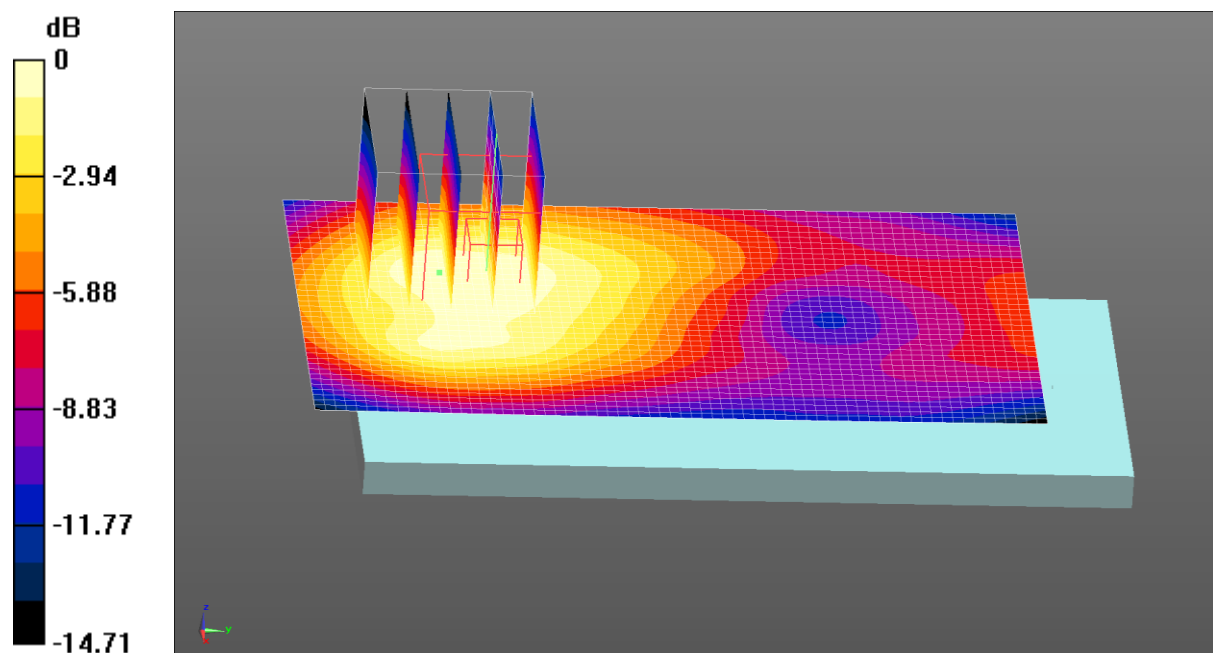
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.214 W/kg

LTE Band 4 50%RB(20MHz) Body Front/Low Channel/Area Scan (41x71x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.243 W/kg



0 dB = 0.243 W/kg = -6.14 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 15:37:22

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1720 MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 55.018$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB(20MHz) Body Back/Low Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.049 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.396 W/kg

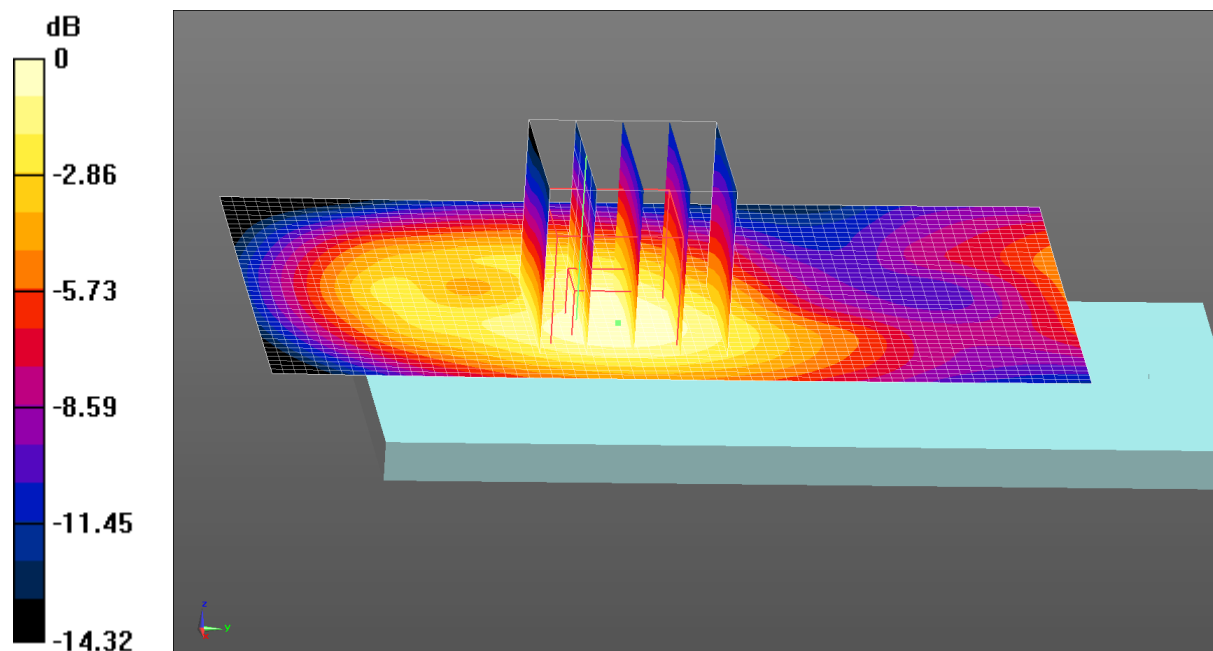
SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.335 W/kg

LTE Band 4 50%RB(20MHz) Body Back/Low Channel/Area Scan (41x71x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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



0 dB = 0.348 W/kg = -4.58 dBW/kg

Date: 5/21/2015

LTE B7 50%RB front ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Front/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.215 mW/g

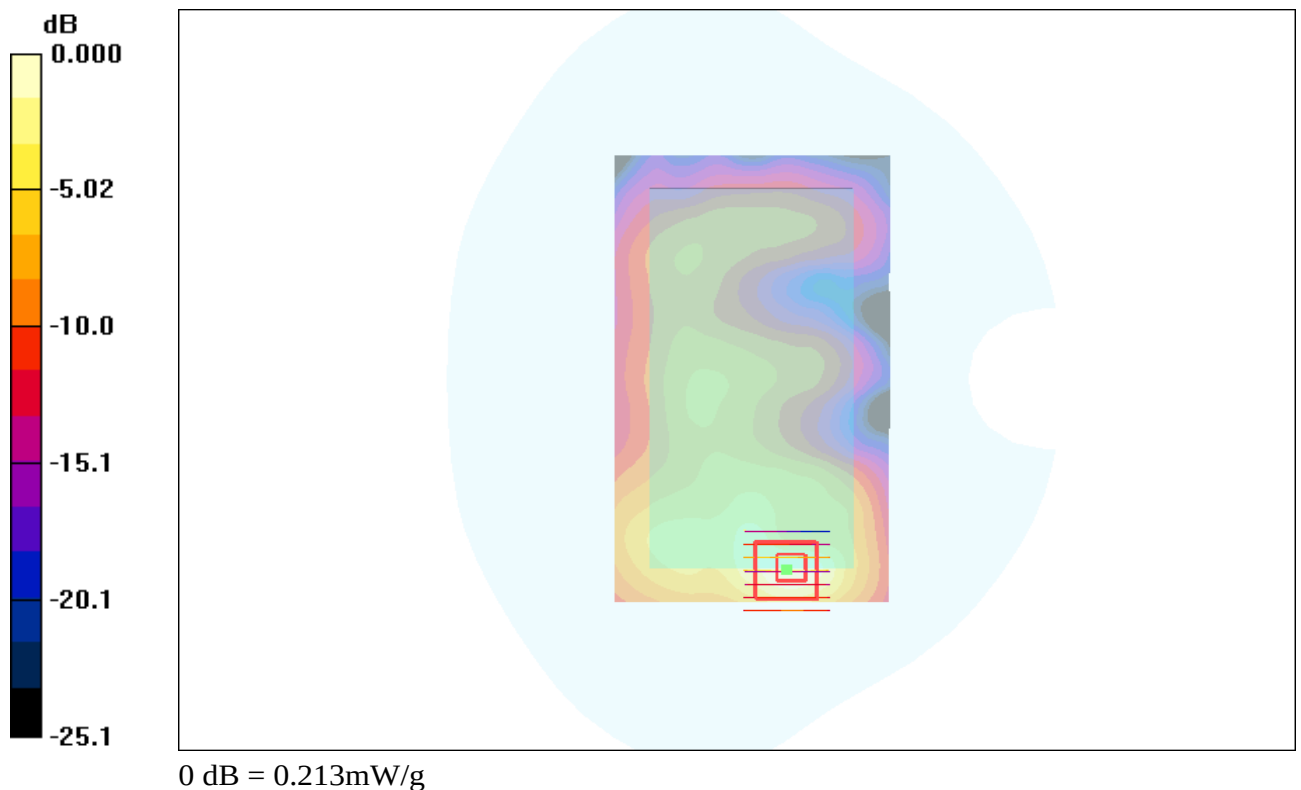
Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.48 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



Date: 5/21/2015

LTE B7 50%RB Back ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.63 mW/g

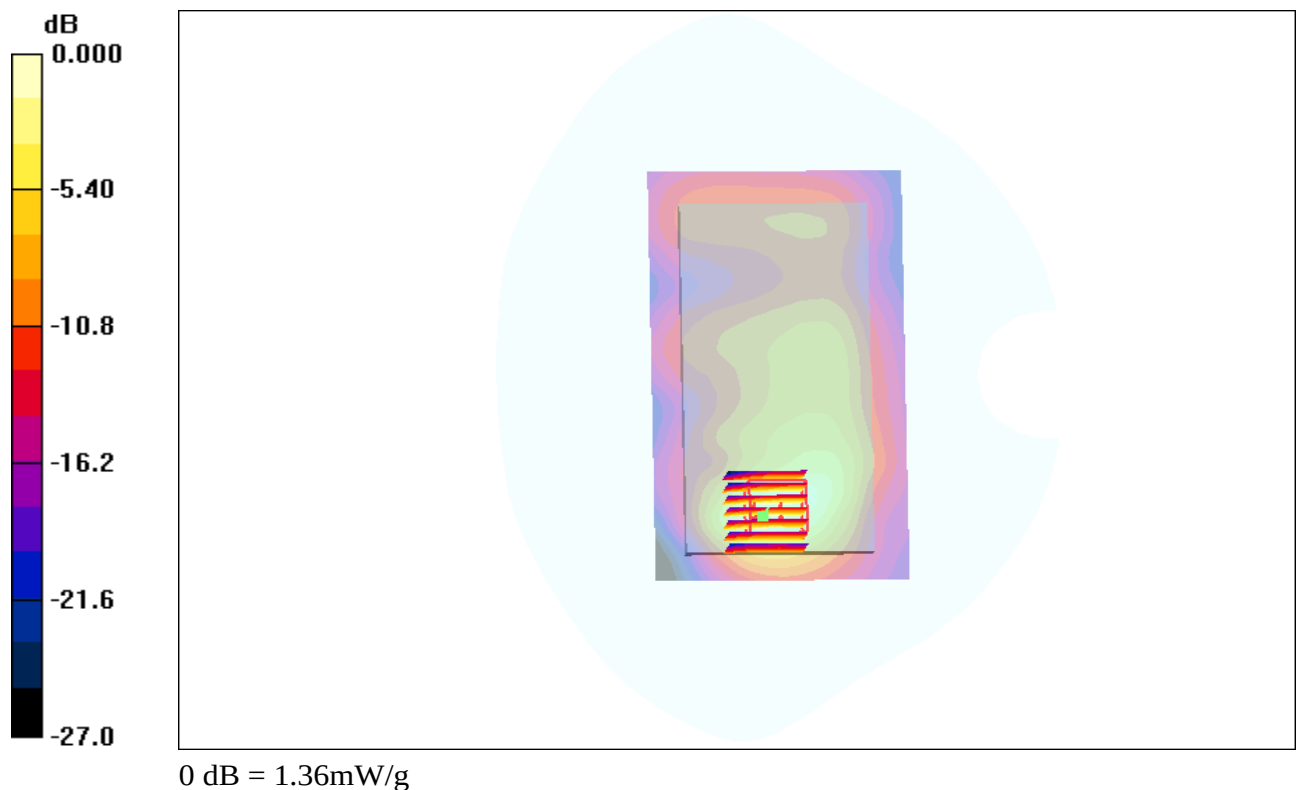
Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.09 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



Date: 5/21/2015

LTE B7 50%RB Back ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back 3/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.33 mW/g

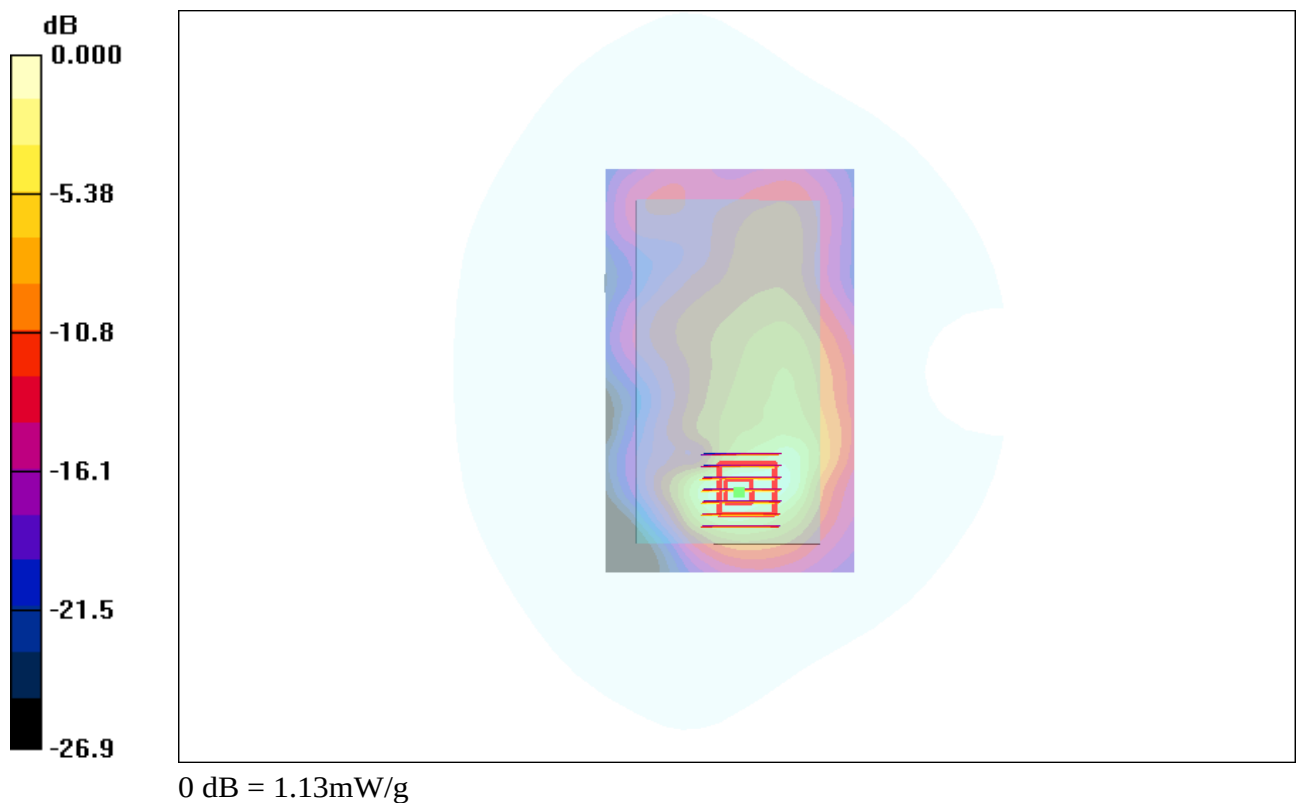
Back 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.31 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 1.13 mW/g



Date: 5/21/2015

LTE B7 50%RB Body Back ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back 2/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.15 mW/g

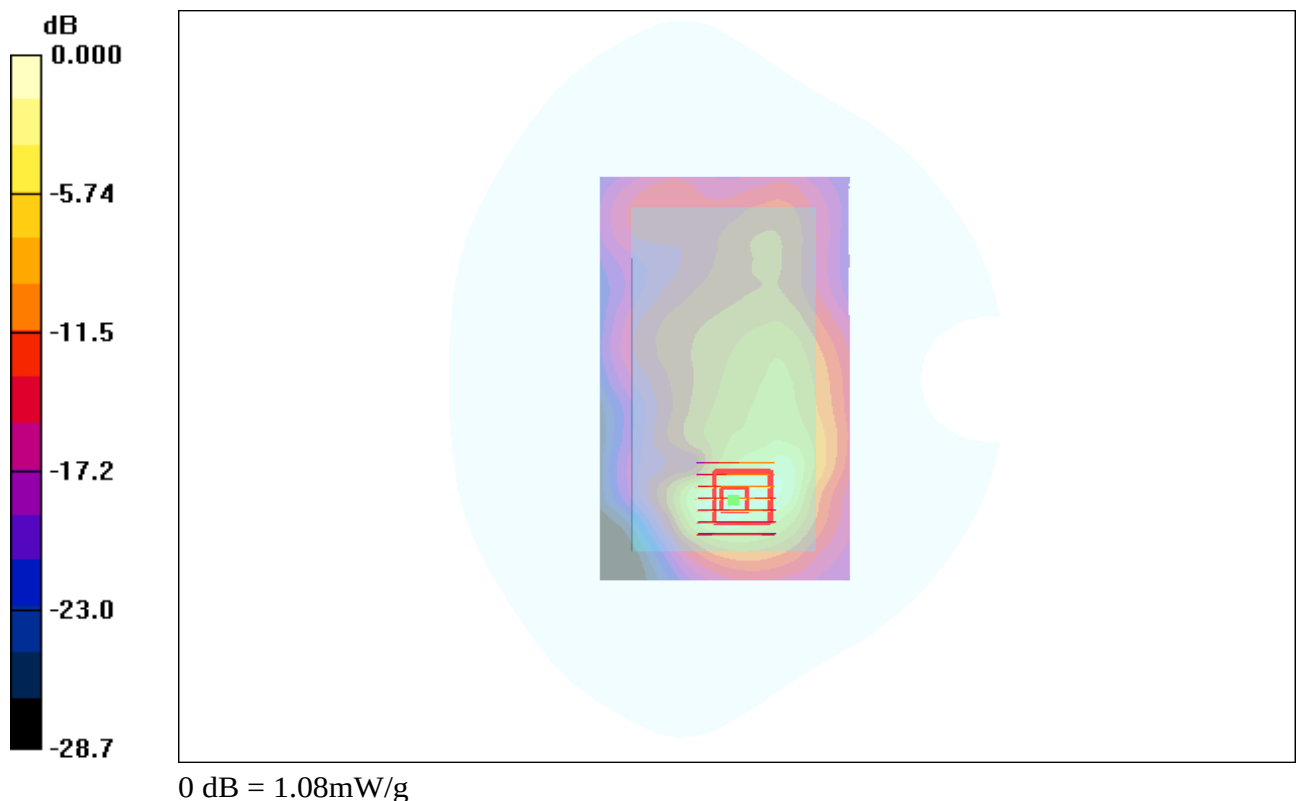
Back 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.50 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



Date: 5/21/2015

LTE B7 100%RB Back ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.63 mW/g

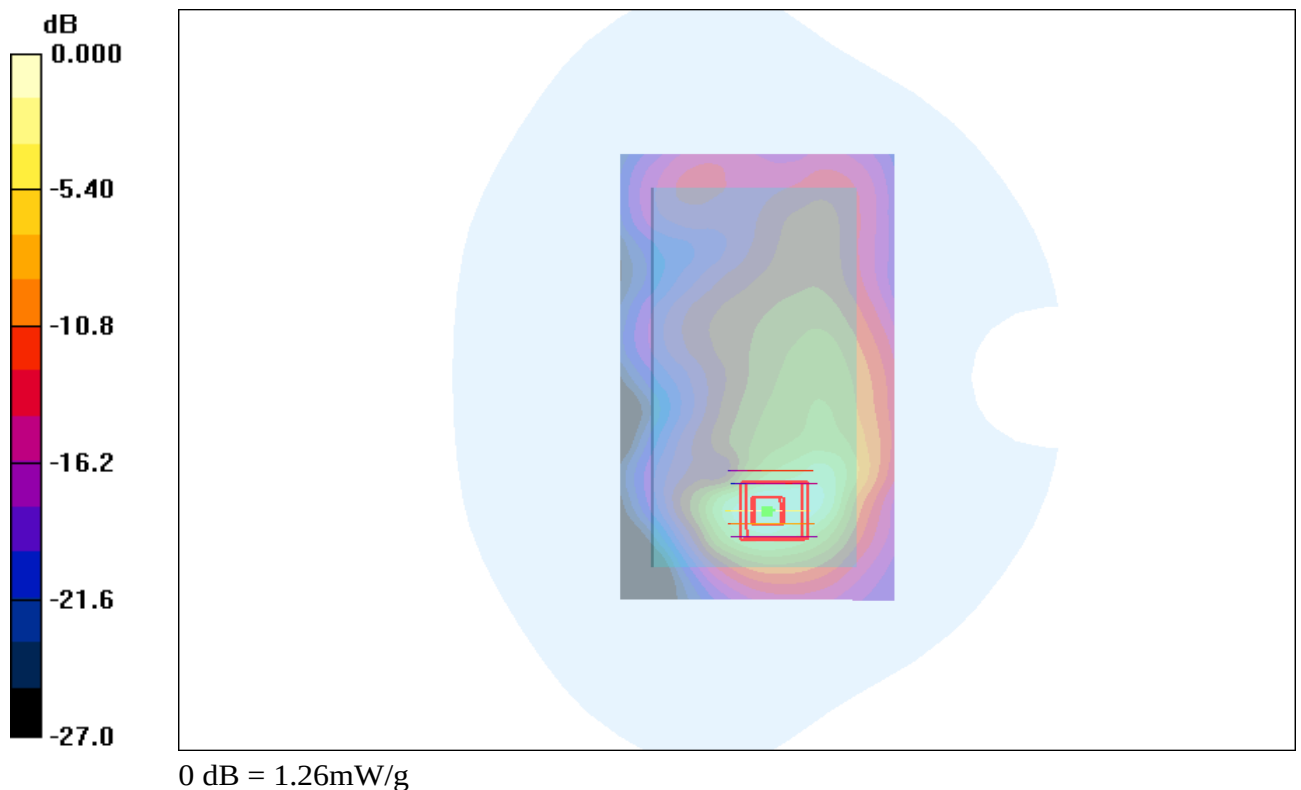
Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.09 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



Date: 5/21/2015

LTE B7 100%RB Back ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back 3/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

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

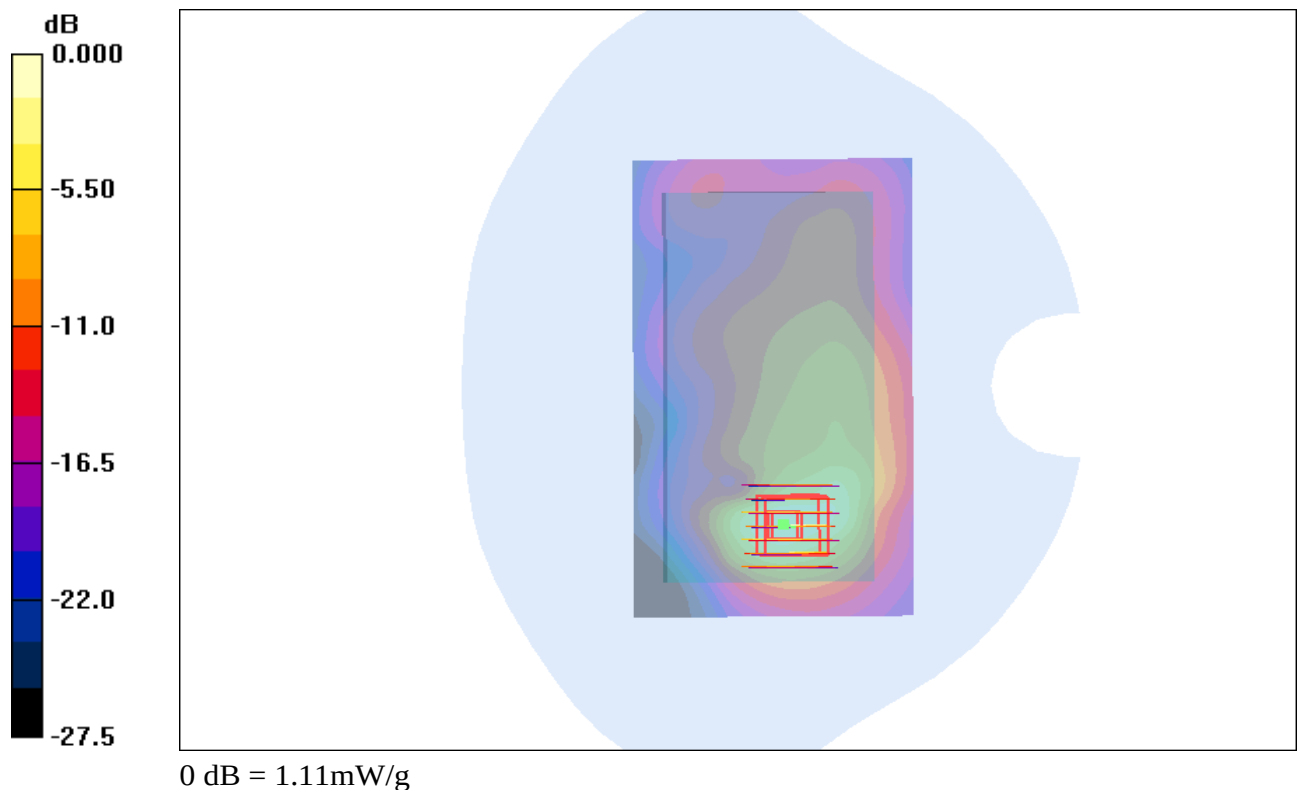
Back 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.64 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



Date: 5/21/2015

LTE B7 100%RB Back ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Back 2/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

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

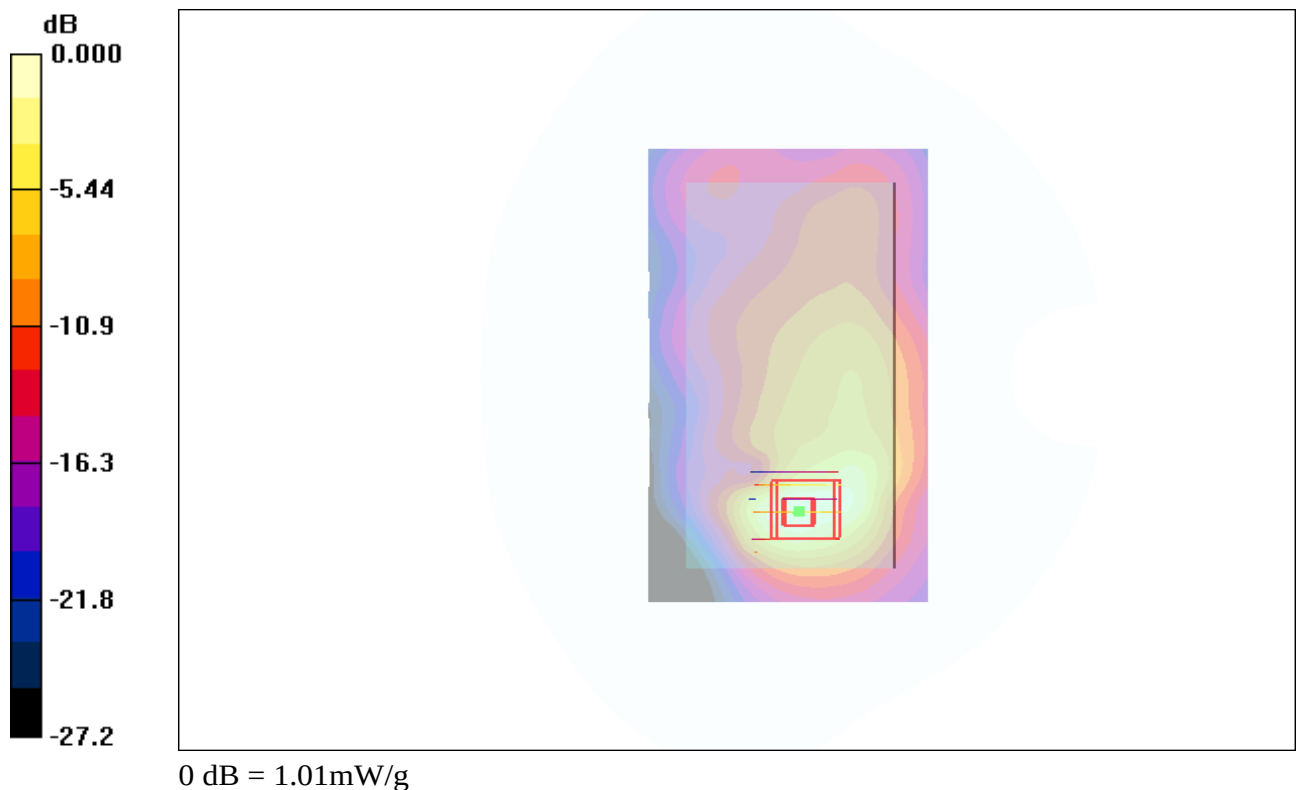
Back 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.16 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.413 mW/g

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



Test Laboratory: CCIS

Date/Time: 05.27.2015 18:03:14

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.048$ S/m; $\epsilon_r = 50.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.42, 7.42, 7.42); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.599 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.111 W/kg

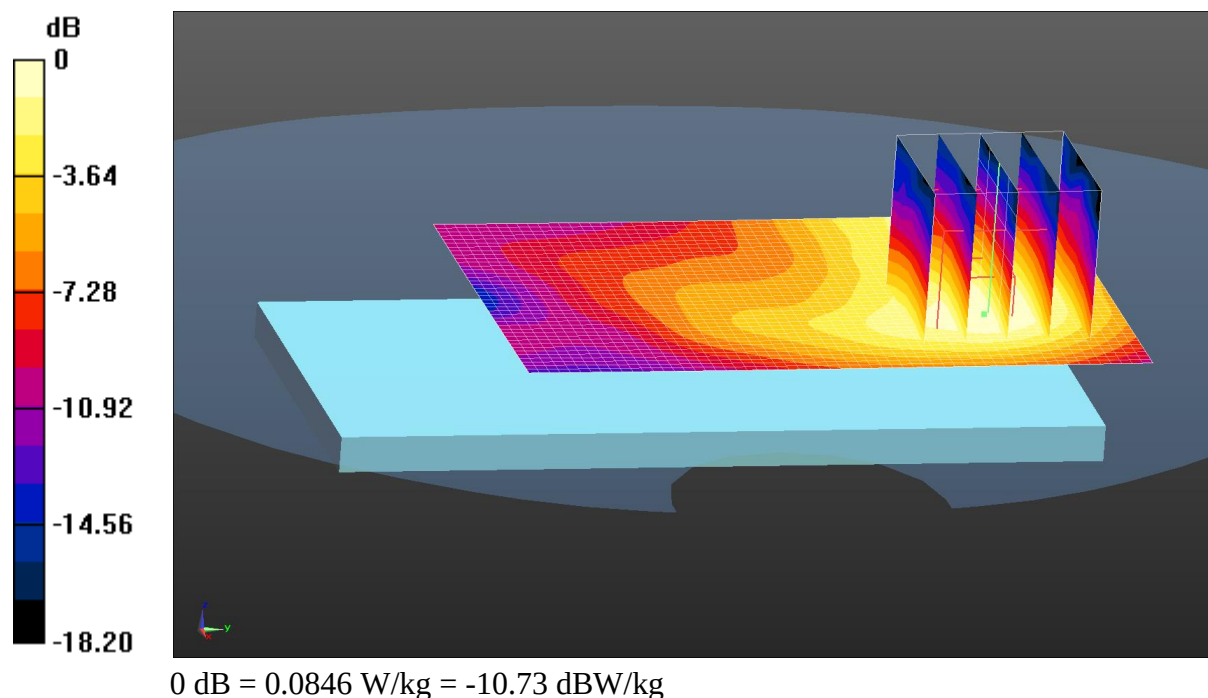
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0841 W/kg

WIFI Body Front/High Channel/Area Scan (41x61x1): Interpolated grid: $dx=1.200$

mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0846 W/kg



Test Laboratory: CCIS

Date/Time: 05.27.2015 18:21:05

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.048$ S/m; $\epsilon_r = 50.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.42, 7.42, 7.42); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.779 V/m; Power Drift = -0.30 dB

Peak SAR (extrapolated) = 0.294 W/kg

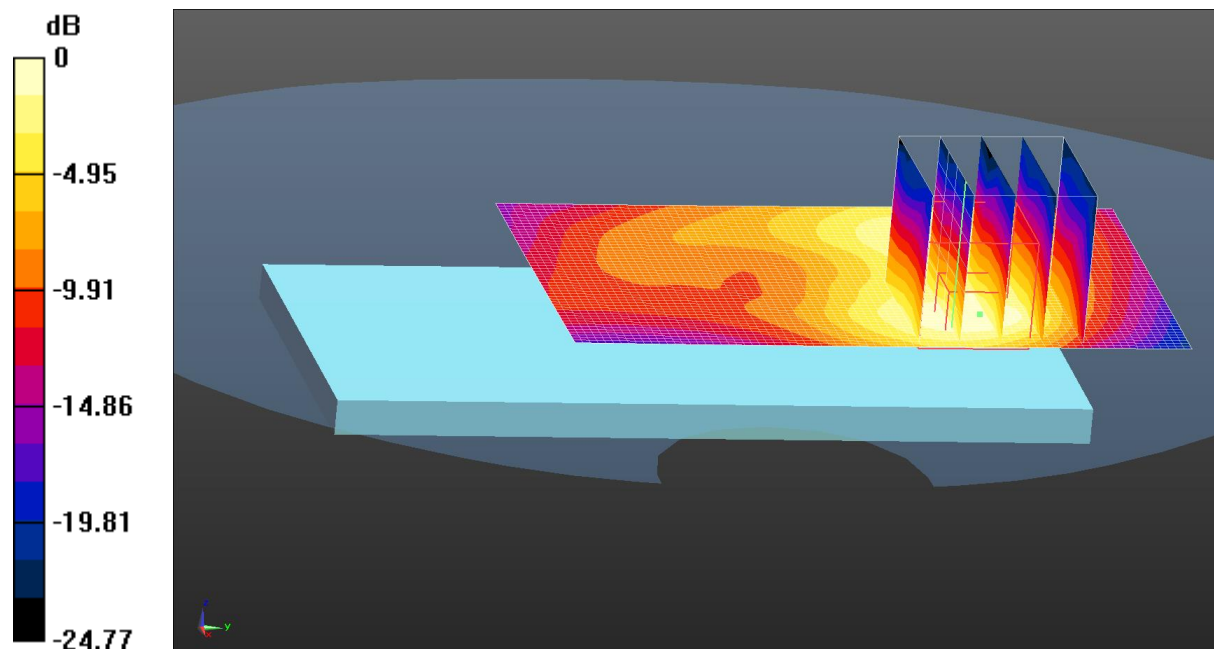
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.198 W/kg

WIFI Body Back/High Channel/Area Scan (51x81x1): Interpolated grid: $dx=1.200$

mm, $dy=1.200$ mm

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



0 dB = 0.249 W/kg = -6.04 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.24.2015 09:08:11

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 848.8 MHz

Medium parameters used (extrapolated): $f = 848.8$ MHz; $\sigma = 1.039$ S/m; $\epsilon_r = 56.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 850 2Slots Body Front/High Channel/Area Scan (41x61x1): Interpolated

grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.556 W/kg

GPRS 850 2Slots Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0:

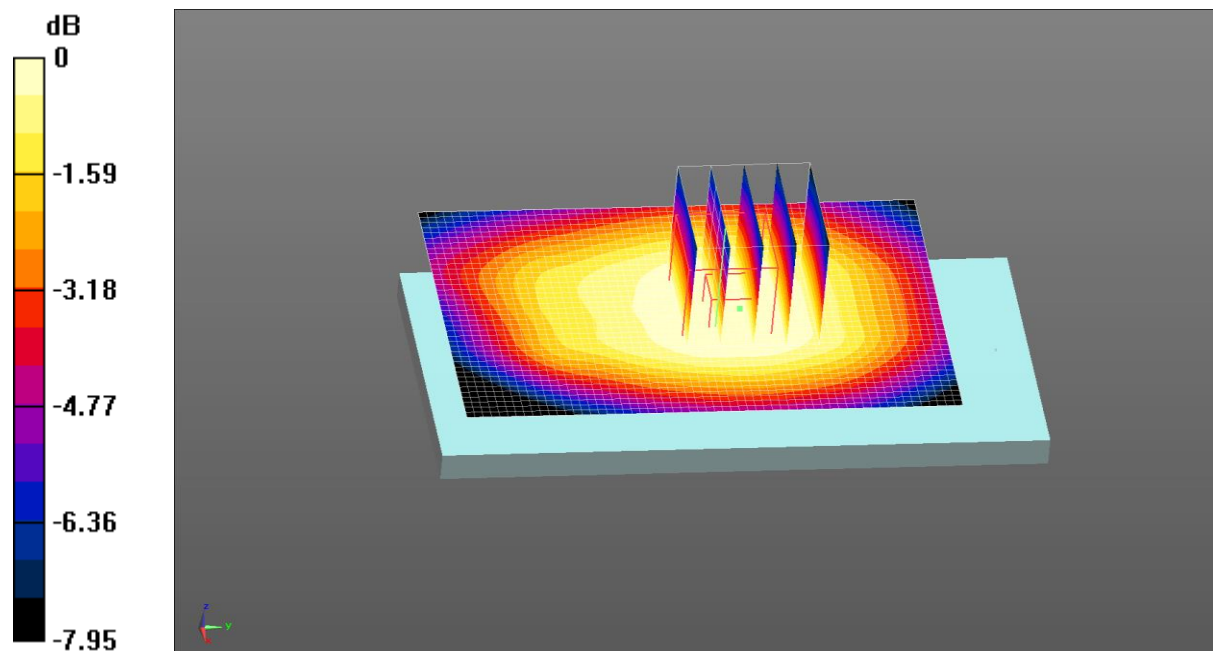
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.686 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.376 W/kg

Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg = -2.52 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.24.2015 08:52:27

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 848.8 MHz

Medium parameters used (extrapolated): $f = 848.8$ MHz; $\sigma = 1.039$ S/m; $\epsilon_r = 56.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 850 2Slots Body Back/High Channel/Area Scan (41x61x1): Interpolated

grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.824 W/kg

GPRS 850 2Slots Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:

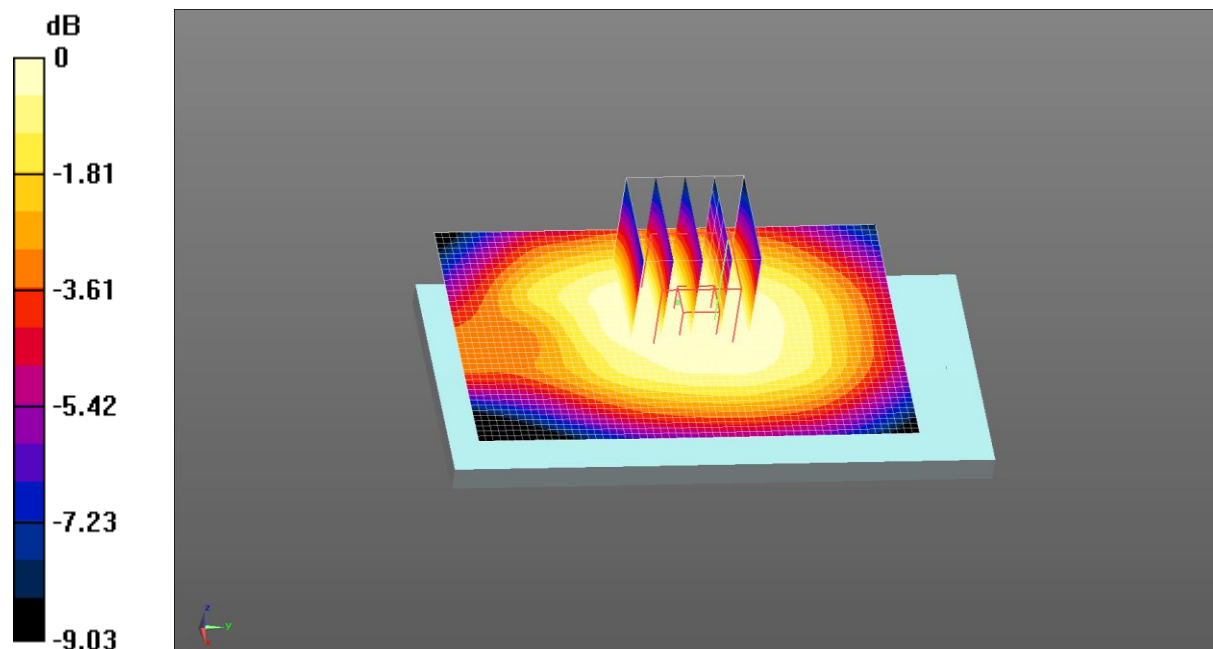
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.581 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.547 W/kg

Maximum value of SAR (measured) = 0.822 W/kg



0 dB = 0.822 W/kg = -0.85 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.24.2015 09:24:46

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 848.8 MHz

Medium parameters used (extrapolated): $f = 848.8$ MHz; $\sigma = 1.039$ S/m; $\epsilon_r = 56.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 850 2Slots Body Left/High Channel/Area Scan (31x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.500 W/kg

GPRS 850 2Slots Body Left/High Channel/Zoom Scan (5x5x7)/Cube 0:

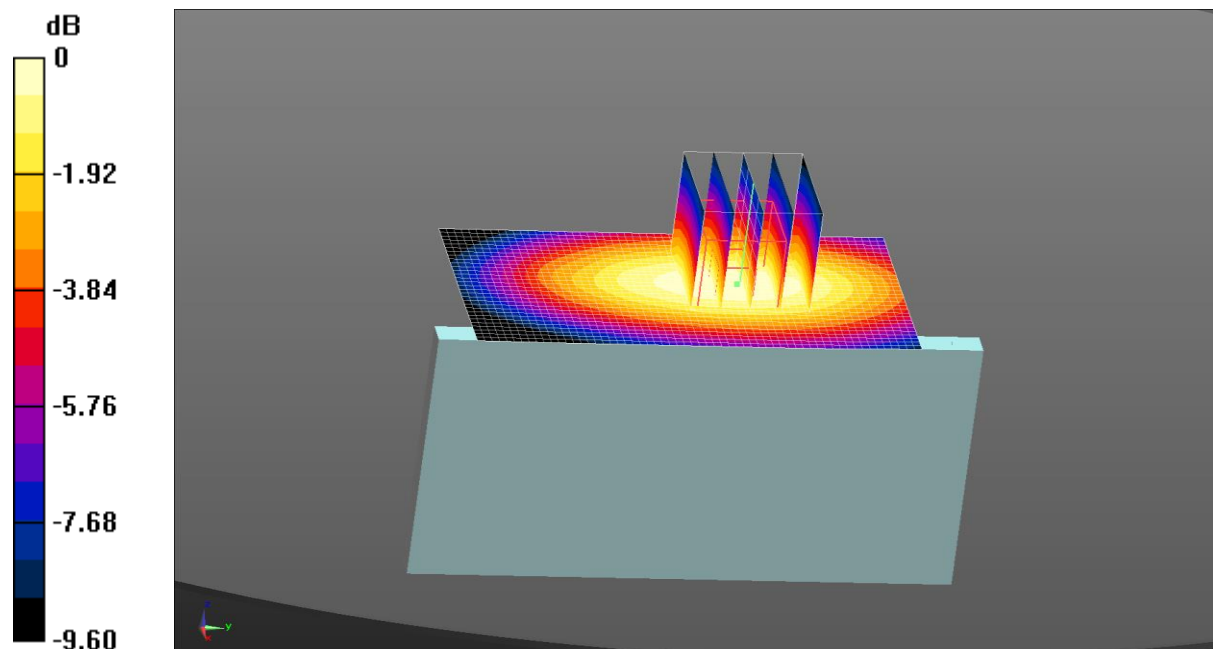
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.054 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.506 W/kg



0 dB = 0.506 W/kg = -2.96 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.24.2015 09:38:43

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 848.8 MHz

Medium parameters used (extrapolated): $f = 848.8 \text{ MHz}$; $\sigma = 1.039 \text{ S/m}$; $\epsilon_r = 56.466$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 850 2Slots Body Right/High Channel/Area Scan (31x61x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.362 W/kg

GPRS 850 2Slots Body Right/High Channel/Zoom Scan (5x5x7)/Cube 0:

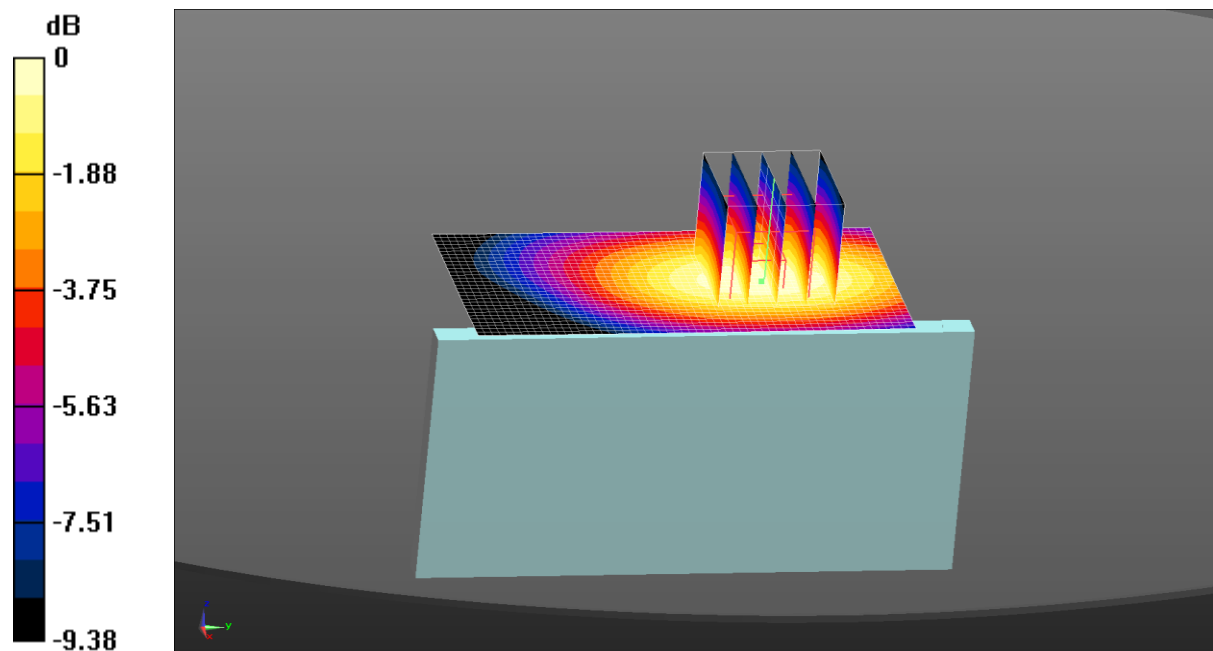
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.959 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.301 W/kg ; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.367 W/kg



0 dB = 0.367 W/kg = -4.35 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.24.2015 10:00:40

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 848.8 MHz

Medium parameters used (extrapolated): $f = 848.8 \text{ MHz}$; $\sigma = 1.039 \text{ S/m}$; $\epsilon_r = 56.466$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 850 2Slots Body Bottom/High Channel/Area Scan (31x51x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.118 W/kg

GPRS 850 2Slots Body Bottom/High Channel/Zoom Scan (5x5x7)/Cube 0:

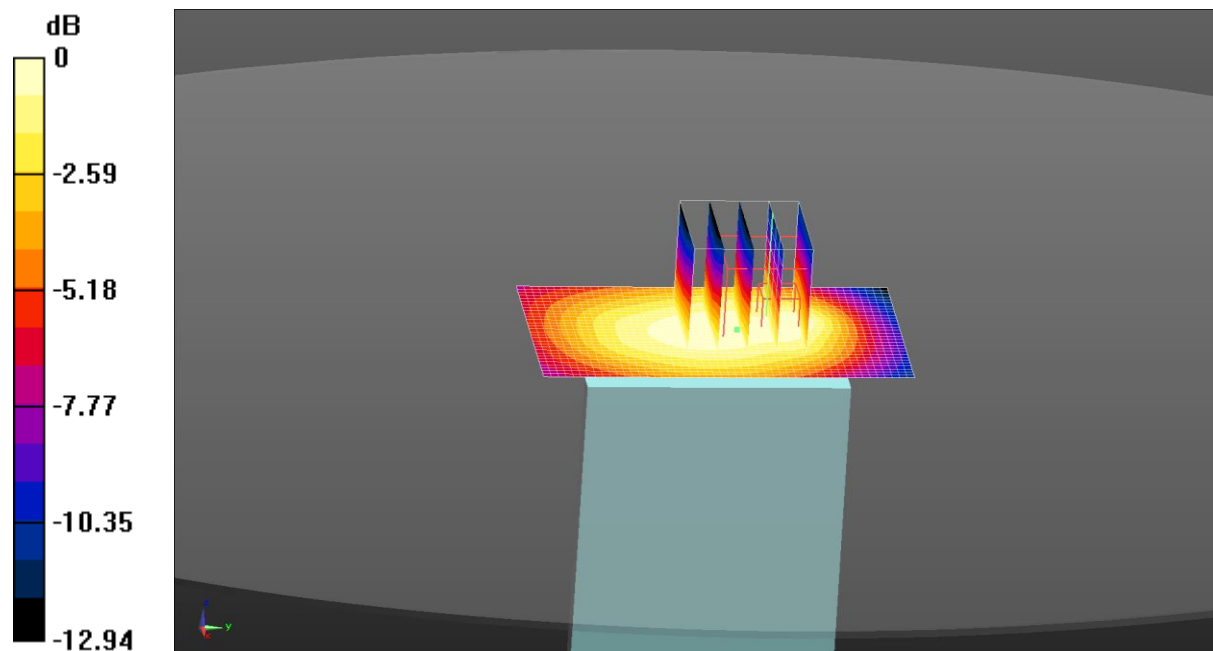
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.262 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.087 W/kg ; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = $0.118 \text{ W/kg} = -9.28 \text{ dBW/kg}$

Test Laboratory: CCIS

Date/Time: 05.29.2015 20:26:27

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 1900 2Slots Body Front/Low Channel/Area Scan (41x61x1): Interpolated

grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.149 W/kg

GPRS 1900 2Slots Body Front/Low Channel/Zoom Scan (5x5x7)/Cube 0:

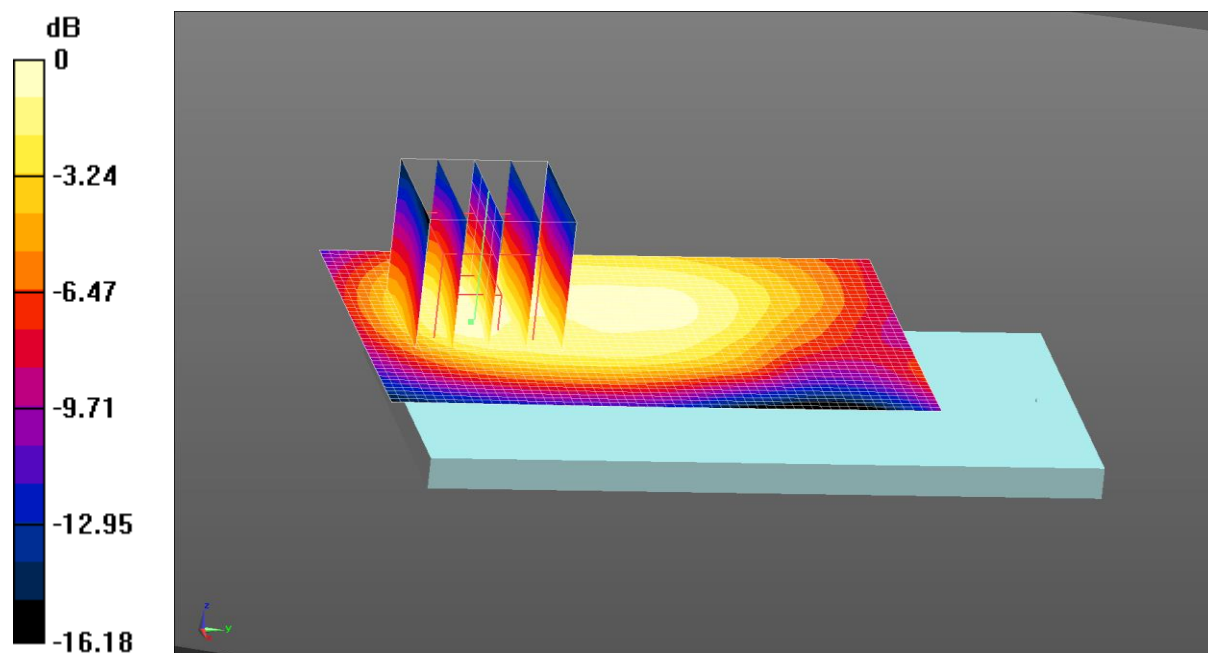
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.114 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.29.2015 20:11:07

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 1900 2Slots Body Back/Low Channel/Area Scan (41x61x1): Interpolated

grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.259 W/kg

GPRS 1900 2Slots Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

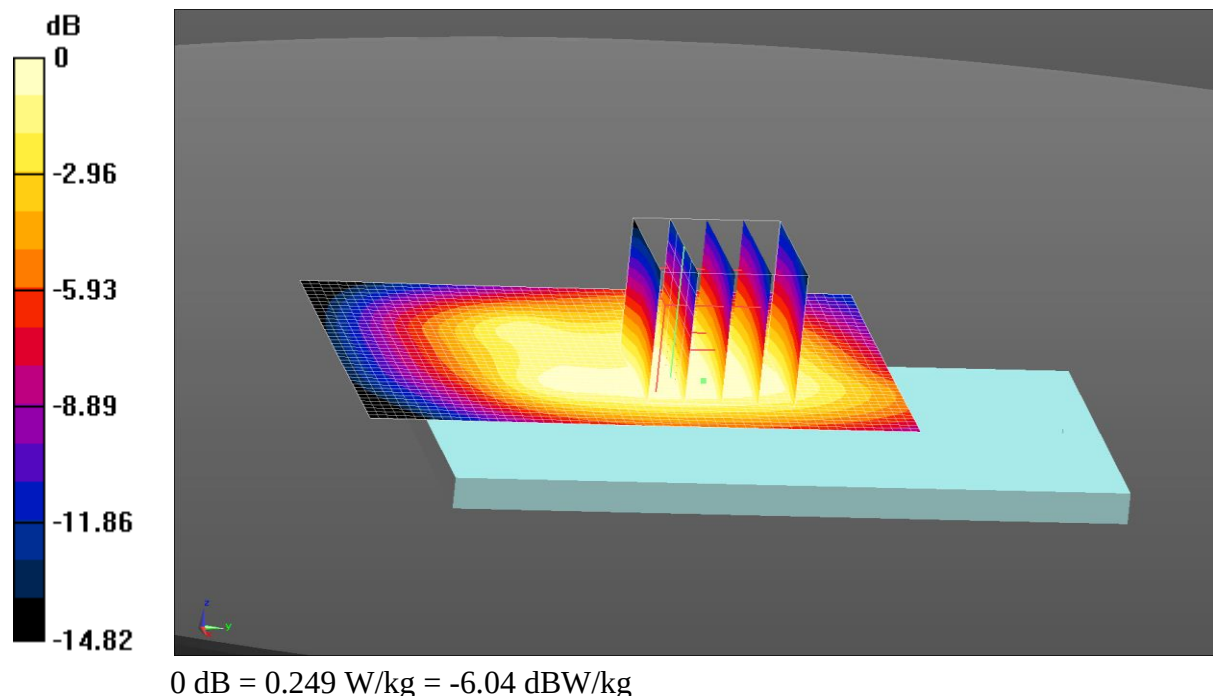
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.113 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.128 W/kg

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



Test Laboratory: CCIS

Date/Time: 05.29.2015 20:49:17

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 1900 2Slots Body Left/Low Channel/Area Scan (41x61x1): Interpolated
grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0242 W/kg

GPRS 1900 2Slots Body Left/Low Channel/Zoom Scan (5x5x7)/Cube 0:

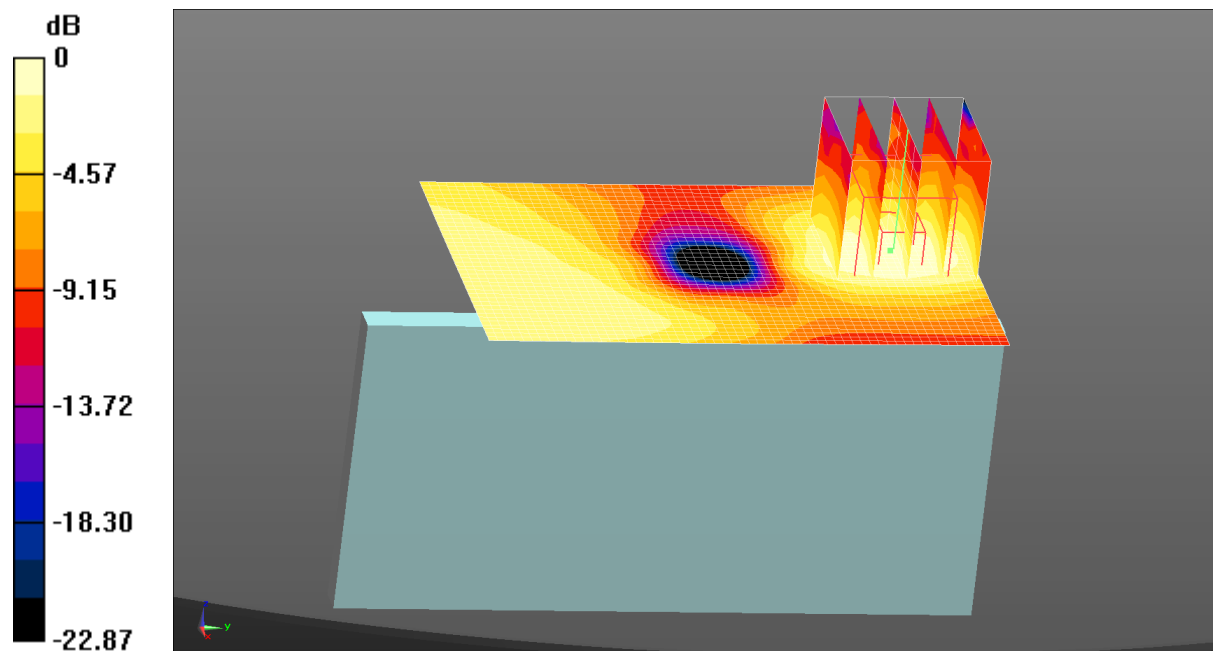
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.646 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0238 W/kg



0 dB = 0.0238 W/kg = -16.23 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.29.2015 21:10:40

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 1900 2Slots Body Right/Low Channel/Area Scan (41x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.110 W/kg

GPRS 1900 2Slots Body Right/Low Channel/Zoom Scan (5x5x7)/Cube 0:

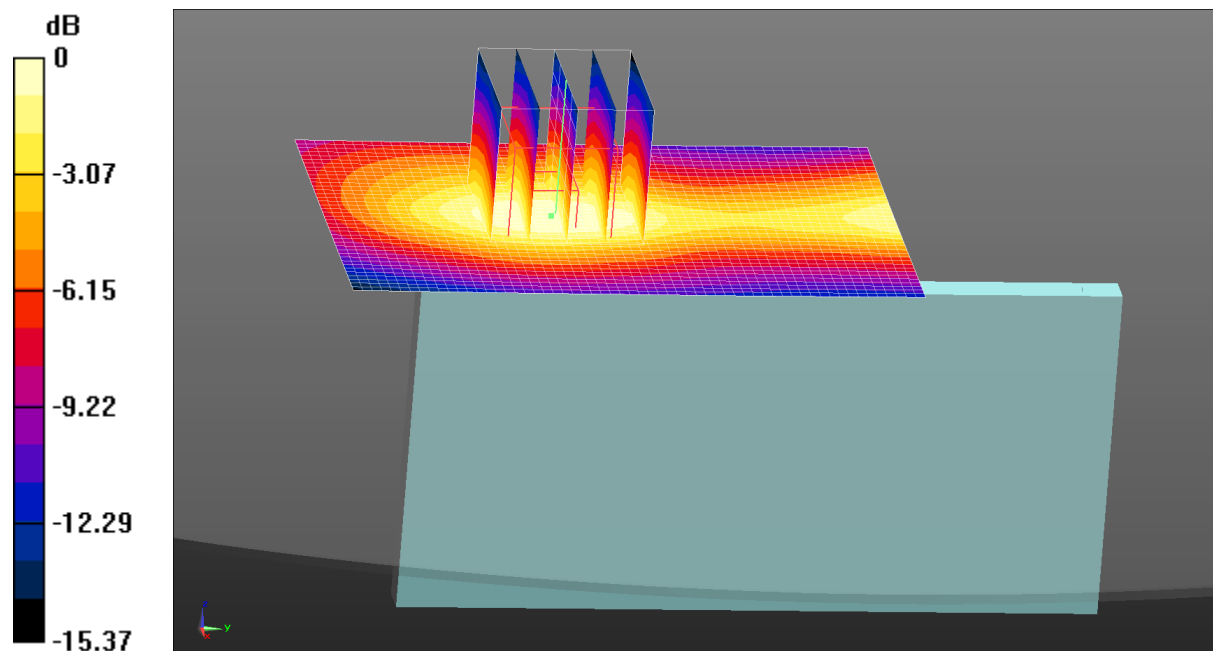
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.128 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg = -9.75 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.29.2015 21:26:45

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, GPRS(2 Slots) (0); Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GPRS 1900 2Slots Body Bottom/Low Channel/Area Scan (41x61x1):Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.220 W/kg

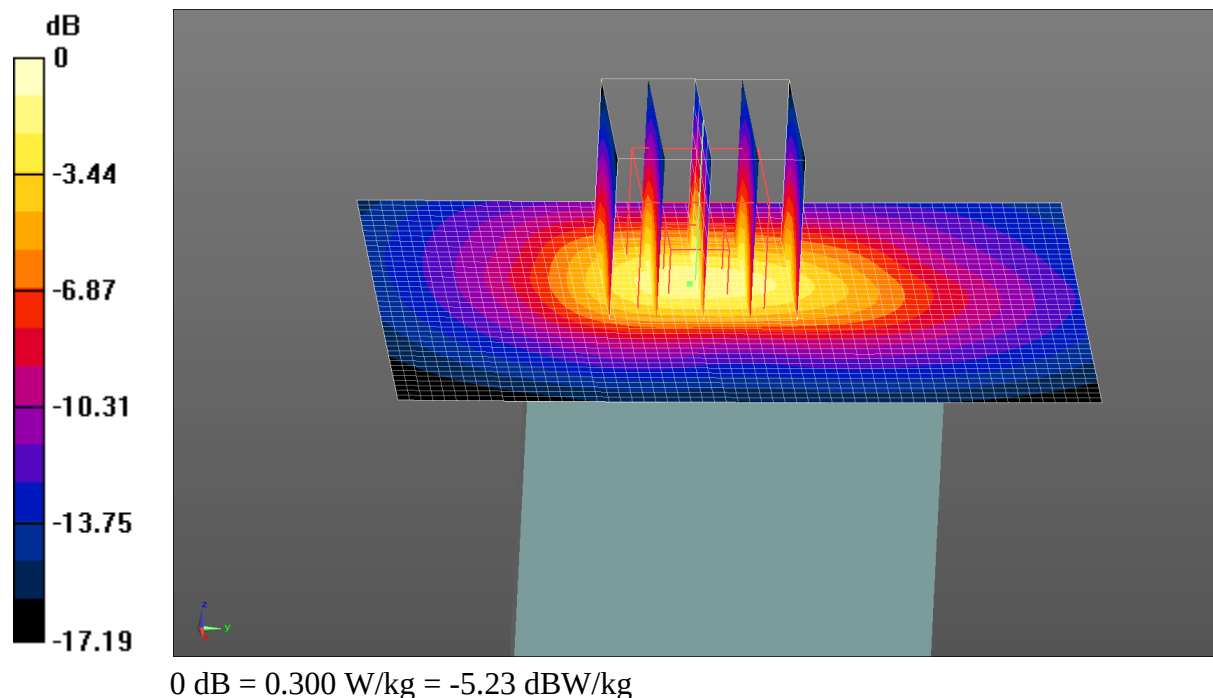
GPRS 1900 2Slots Body Bottom/Low Channel/Zoom Scan (5x5x7)/Cube 0:Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.807 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.113 W/kg

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



Test Laboratory: CCIS

Date/Time: 05.24.2015 10:31:57

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
 Medium parameters used (extrapolated): $f = 836.6 \text{ MHz}$; $\sigma = 1.039 \text{ S/m}$; $\epsilon_r = 56.886$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Body Left/Middle Channel/Area Scan (31x61x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.190 W/kg

WCDMA 850 Body Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

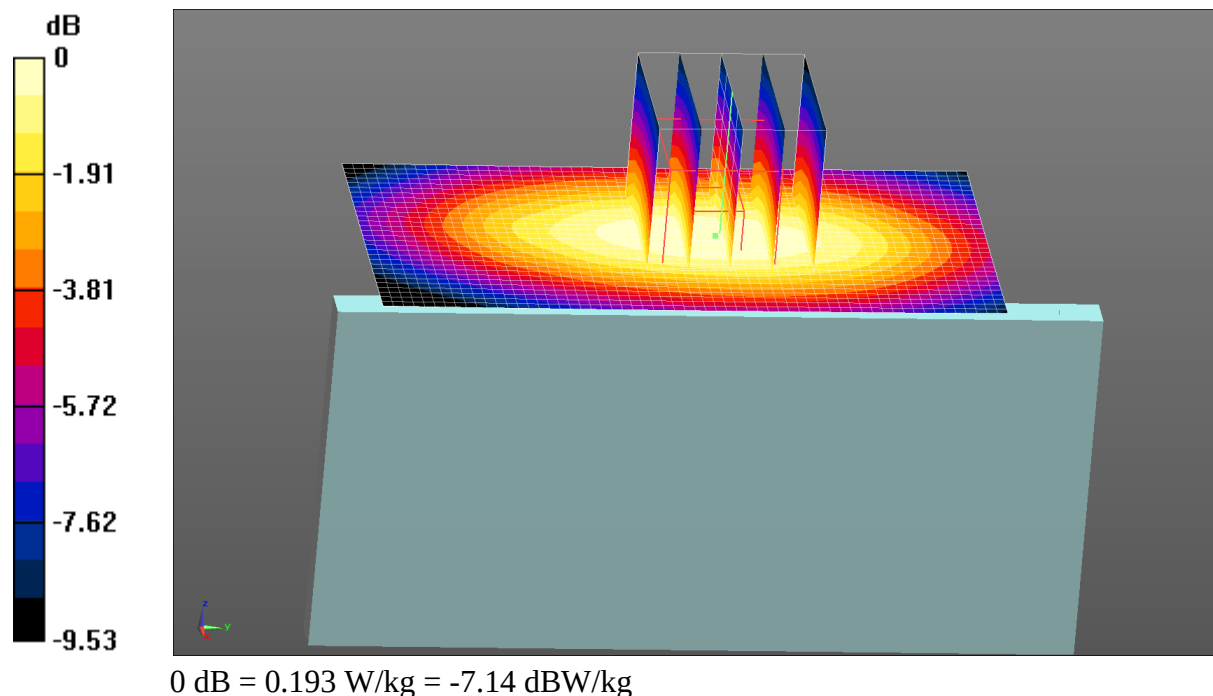
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.969 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.159 W/kg ; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.193 W/kg



Test Laboratory: CCIS

Date/Time: 05.24.2015 10:46:18

DUT: Mobile phone; Type: LT50+; Serial: 1#

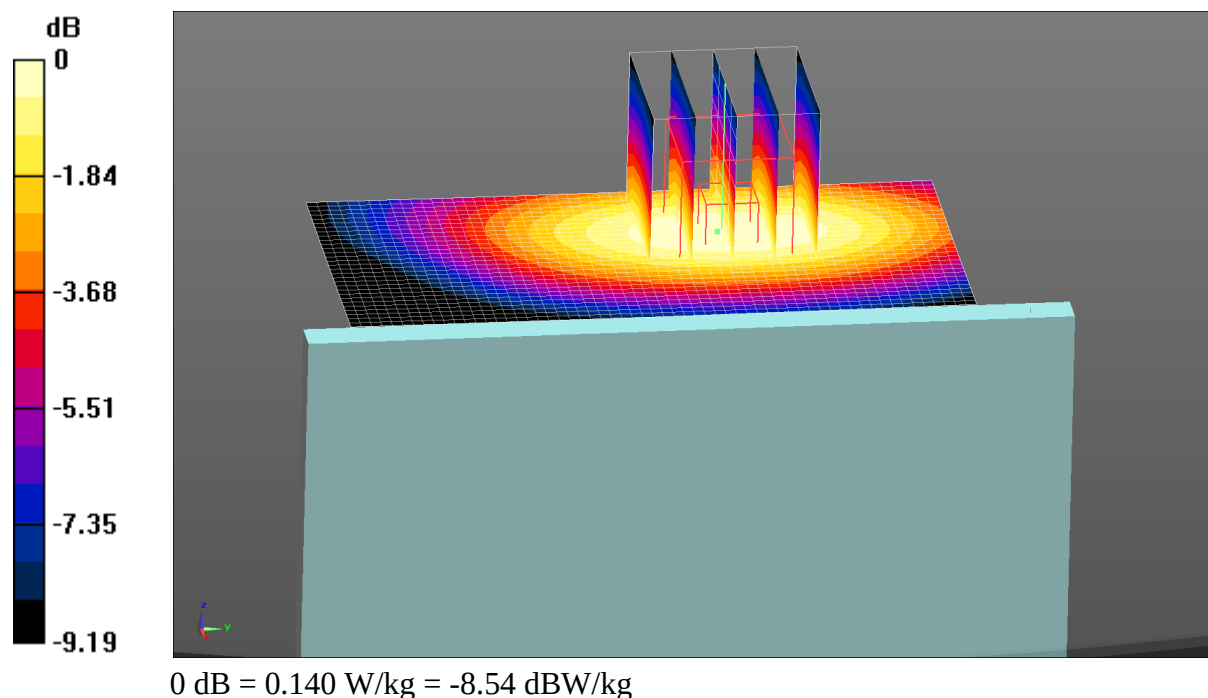
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
 Medium parameters used (extrapolated): $f = 836.6 \text{ MHz}$; $\sigma = 1.039 \text{ S/m}$; $\epsilon_r = 56.886$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Body Right/Middle Channel/Area Scan (31x61x1): Interpolated
 grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.140 W/kg

WCDMA 850 Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.719 V/m ; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.116 W/kg ; SAR(10 g) = 0.081 W/kg
 Maximum value of SAR (measured) = 0.140 W/kg



Test Laboratory: CCIS

Date/Time: 05.24.2015 10:16:29

DUT: Mobile phone; Type: LT50+; Serial: 1#

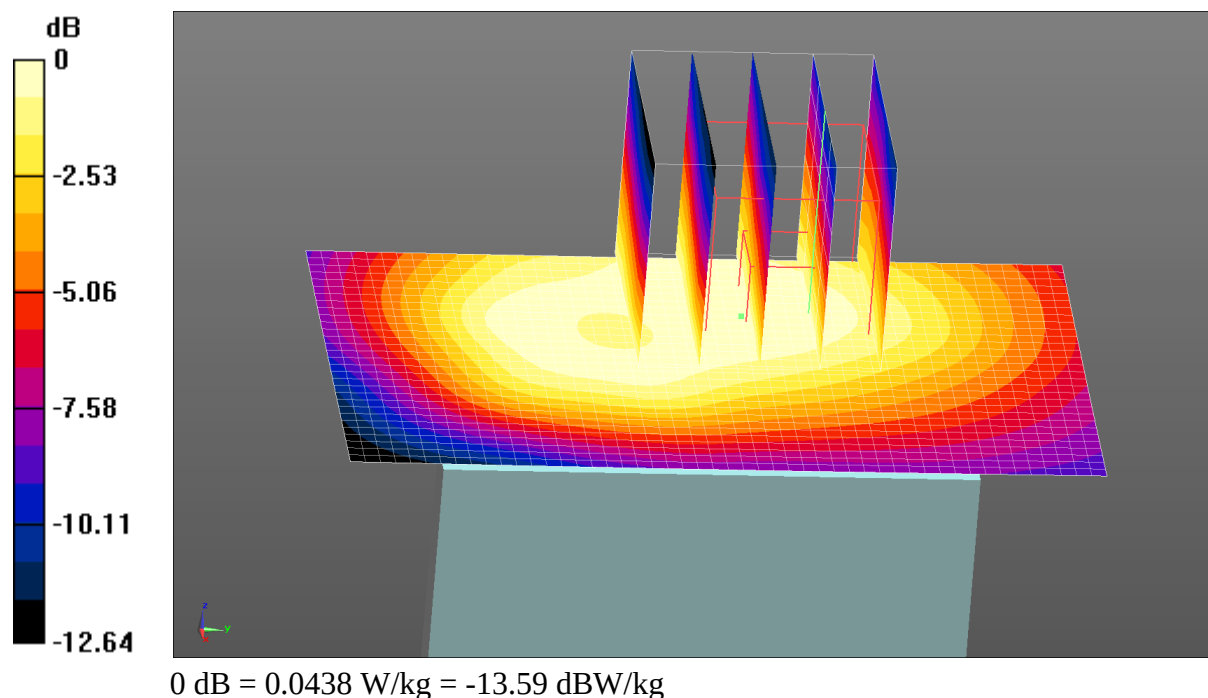
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
 Medium parameters used (extrapolated): $f = 836.6 \text{ MHz}$; $\sigma = 1.039 \text{ S/m}$; $\epsilon_r = 56.886$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.62, 9.62, 9.62); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Body Bottom/Middle Channel/Area Scan (31x51x1): Interpolated
 grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0454 W/kg

WCDMA 850 Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.721 V/m ; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.035 W/kg ; SAR(10 g) = 0.023 W/kg
 Maximum value of SAR (measured) = 0.0438 W/kg



Test Laboratory: CCIS

Date/Time: 05.29.2015 22:00:41

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.492$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Body Left/Low Channel/Area Scan (41x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0209 W/kg

WCDMA 1900 Body Left/Low Channel/Zoom Scan (5x5x7)/Cube 0:

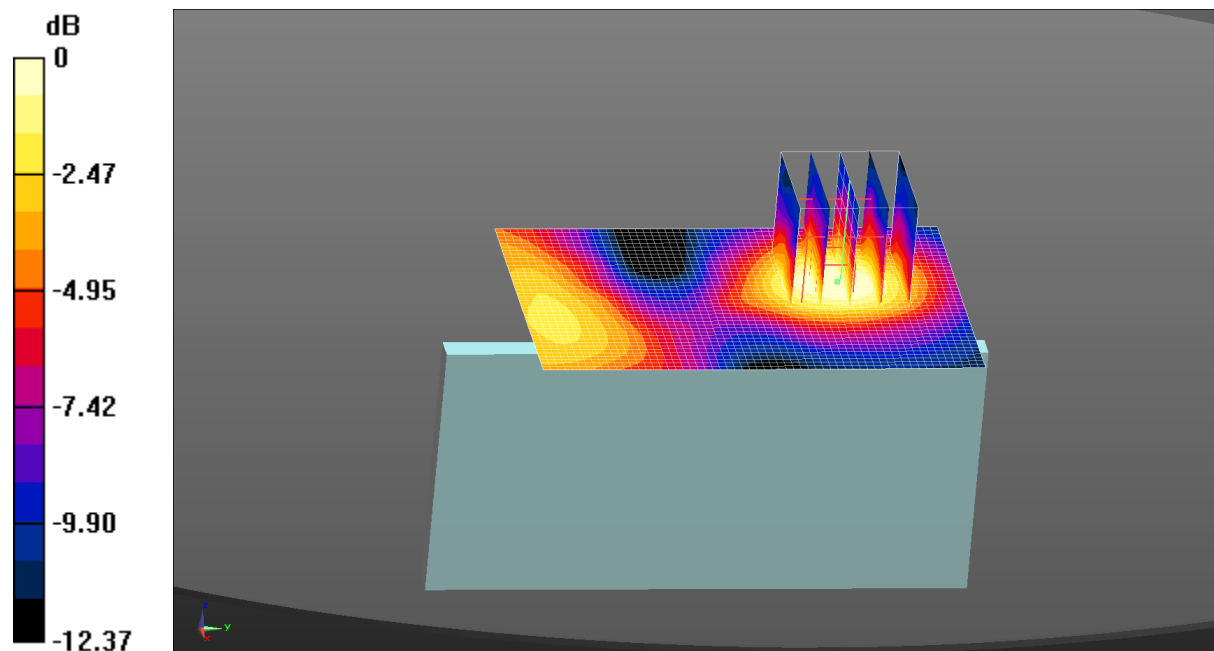
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.404 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0230 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.0086 W/kg

Maximum value of SAR (measured) = 0.0185 W/kg



0 dB = 0.0185 W/kg = -17.33 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.29.2015 22:15:54

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.492$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Body Right/Low Channel/Area Scan (41x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0953 W/kg

WCDMA 1900 Body Right/Low Channel/Zoom Scan (5x5x7)/Cube 0:

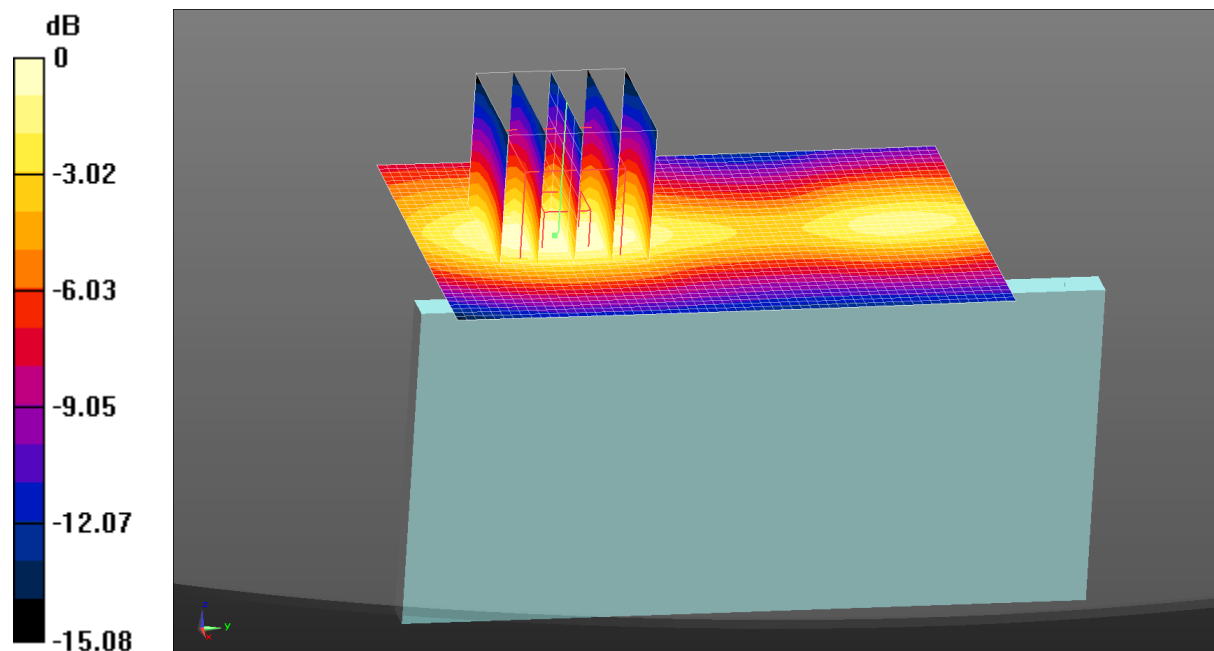
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.682 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0956 W/kg



0 dB = 0.0956 W/kg = -10.20 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.29.2015 21:44:29

DUT: Mobile phone; Type: LT50+; Serial: 1#

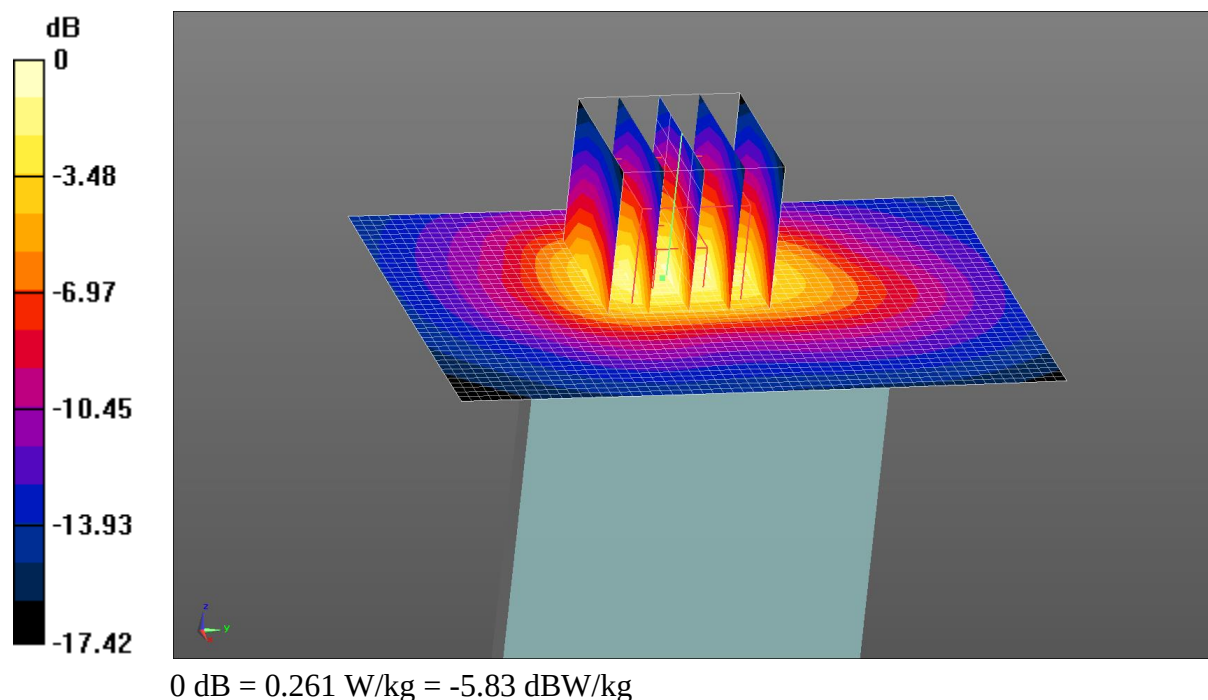
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.492$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Body Bottom/Low Channel/Area Scan (41x61x1): Interpolated
 grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 0.199 W/kg

WCDMA 1900 Body Bottom/Low Channel/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 9.524 V/m; Power Drift = -0.25 dB
 Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.100 W/kg
 Maximum value of SAR (measured) = 0.261 W/kg



Test Laboratory: CCIS

Date/Time: 06.03.2015 08:58:31

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 52.414$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB(20MHz) Body Left/Low Channel/Area Scan (31x61x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0175 W/kg

LTE Band 2 1RB(20MHz) Body Left/Low Channel/Zoom Scan (5x5x7)/Cube 0:

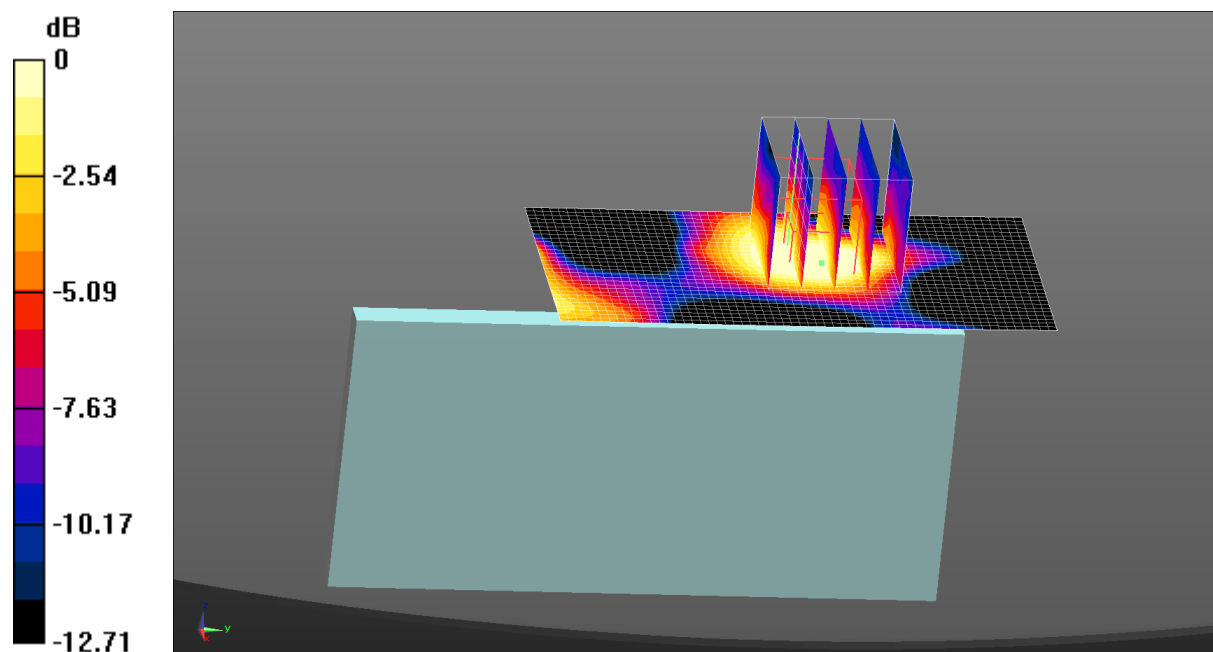
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.560 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 0.0370 W/kg

SAR(1 g) = 0.00907 W/kg; SAR(10 g) = 0.00539 W/kg

Maximum value of SAR (measured) = 0.0117 W/kg



0 dB = 0.0117 W/kg = -19.32 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 09:12:20

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 52.414$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB(20MHz) Body Right/Low Channel/Area Scan (31x71x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0681 W/kg

LTE Band 2 1RB(20MHz) Body Right/Low Channel/Zoom Scan (5x5x7)/Cube

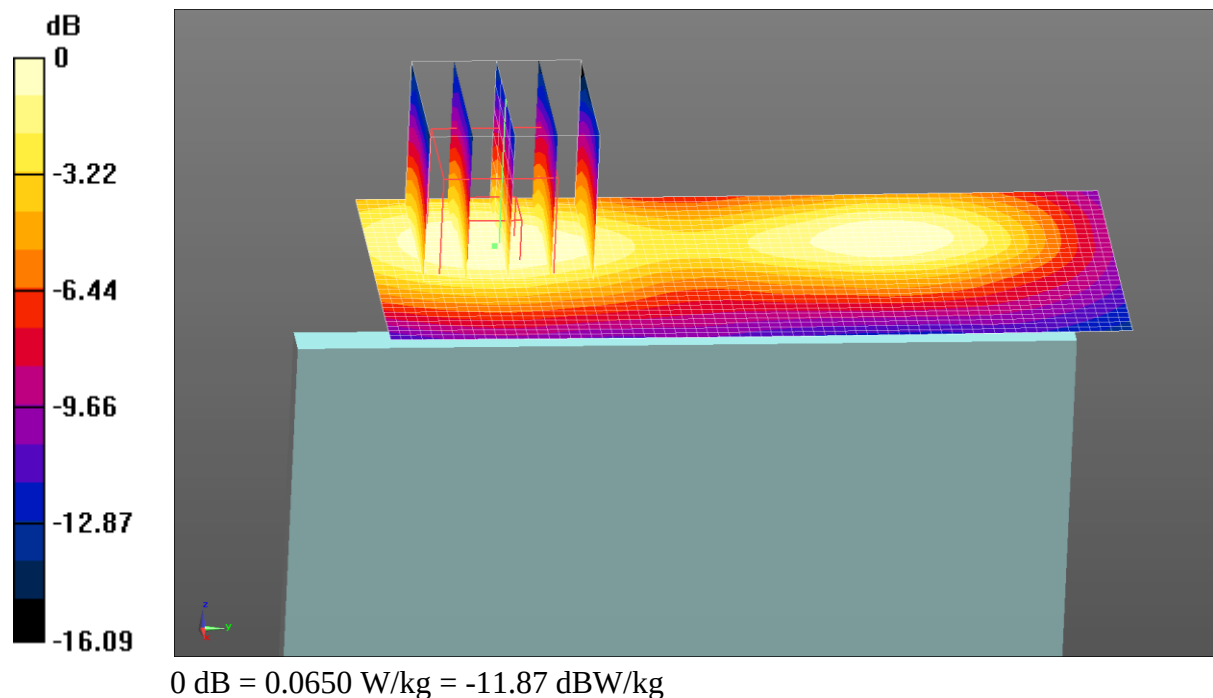
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.464 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0650 W/kg



Test Laboratory: CCIS

Date/Time: 06.03.2015 09:43:03

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 52.414$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASYS2 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB(20MHz) Body Bottom/Low Channel/Area Scan (31x61x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.145 W/kg

LTE Band 2 1RB(20MHz) Body Bottom/Low Channel/Zoom Scan

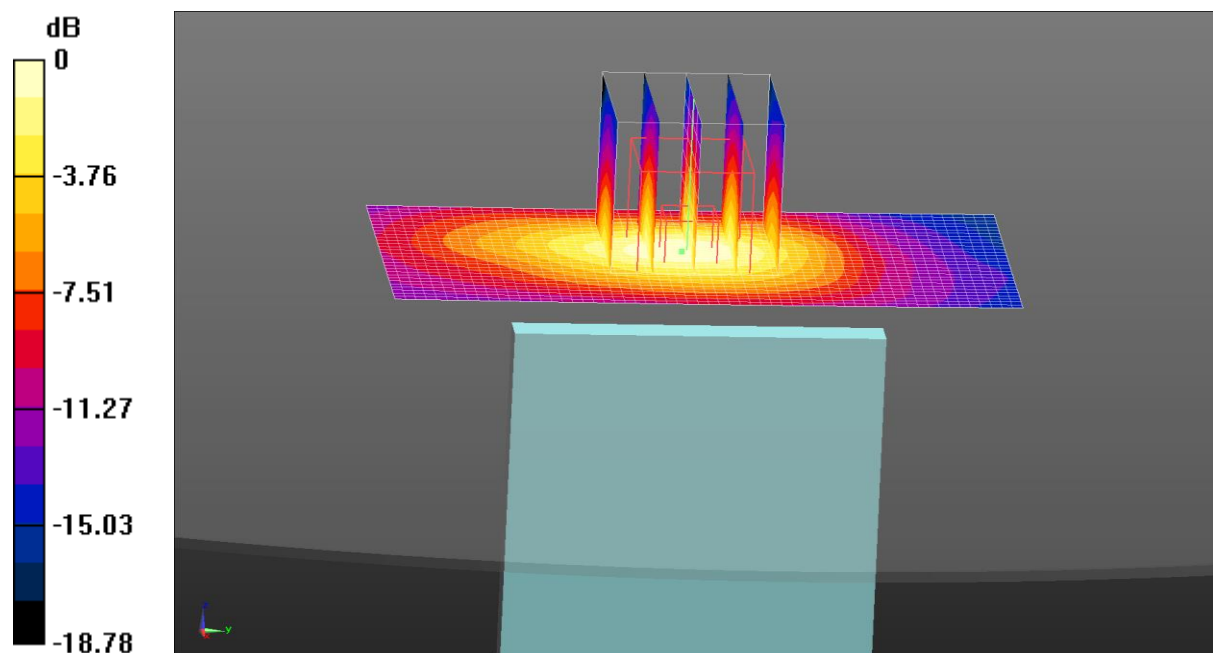
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.603 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 12:59:47

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 54.88$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB(20MHz) Body Left/High Channel/Area Scan (31x71x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0295 W/kg

LTE Band 4 1RB(20MHz) Body Left/High Channel/Zoom Scan (5x5x7)/Cube

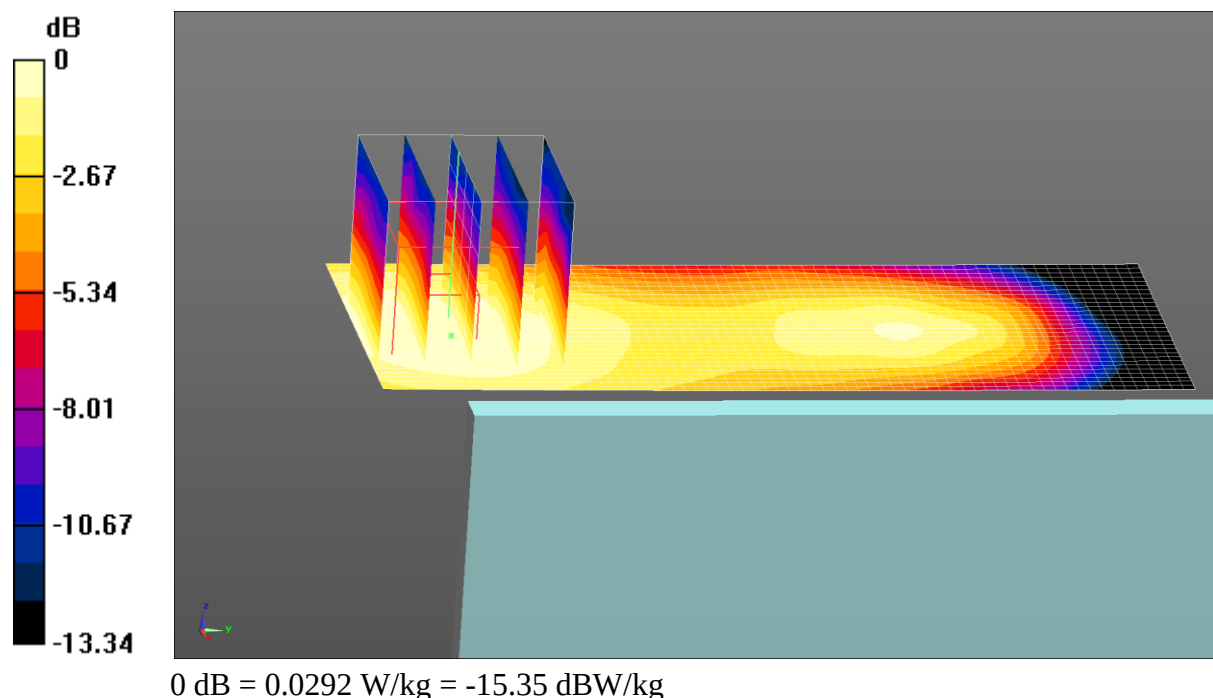
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.314 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.023 W/kg ; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0292 W/kg



Test Laboratory: CCIS

Date/Time: 06.03.2015 13:27:14

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 54.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB(20MHz) Body Right/High Channel/Area Scan (31x71x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

LTE Band 4 1RB(20MHz) Body Right/High Channel/Zoom Scan

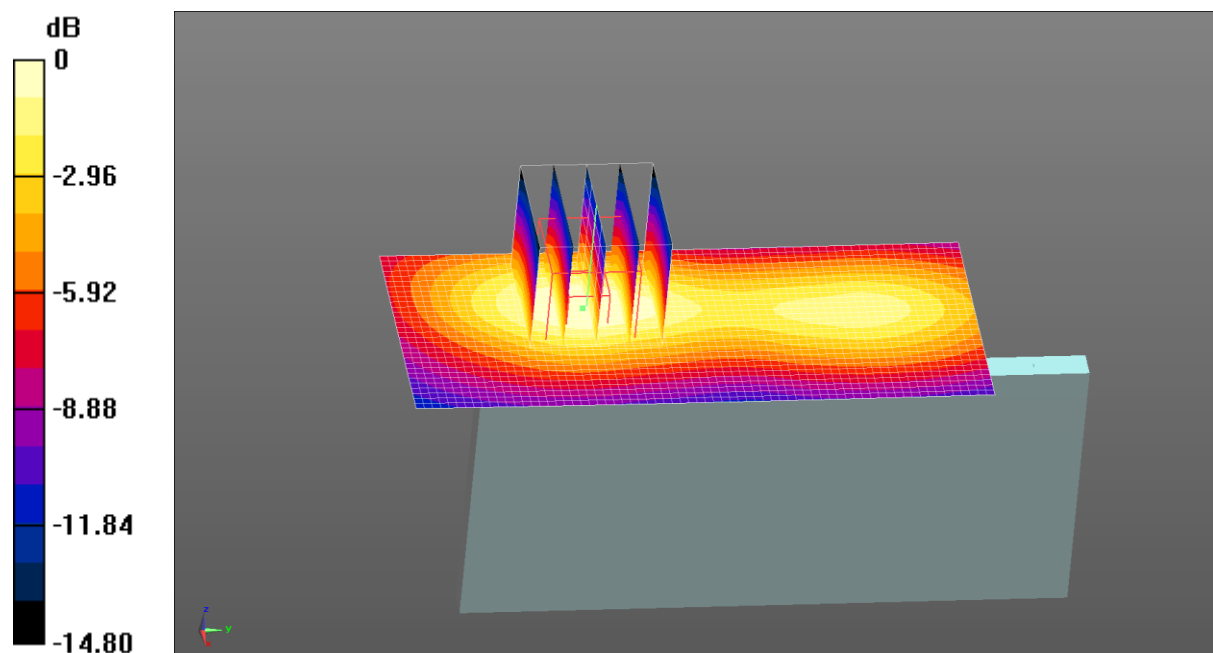
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.665 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg = -7.96 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 13:58:44

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1745 MHz

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 54.88$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB(20MHz) Body Bottom/High Channel/Area Scan (31x51x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.231 W/kg

LTE Band 4 1RB(20MHz) Body Bottom/High Channel/Zoom Scan

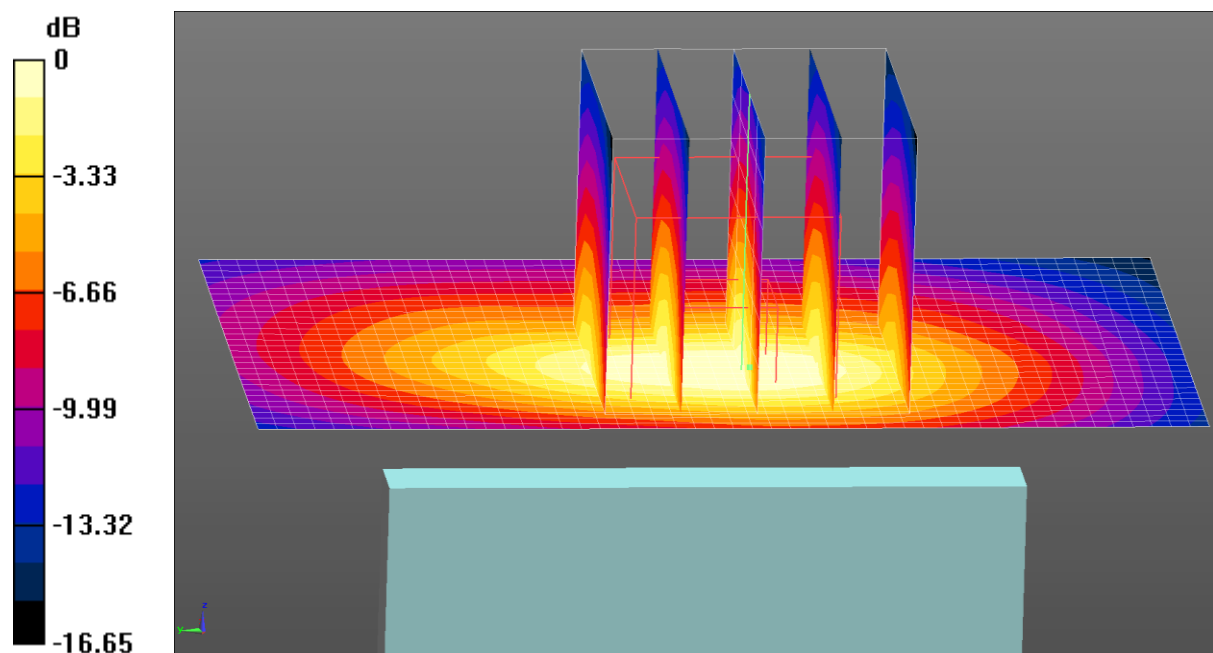
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.046 V/m ; Power Drift = -0.28 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.166 W/kg ; SAR(10 g) = 0.093 W/kg

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



0 dB = 0.224 W/kg = -6.50 dBW/kg

Date: 5/21/2015

LTE B7 1RB Left side ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Side/Area Scan (61x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.135 mW/g

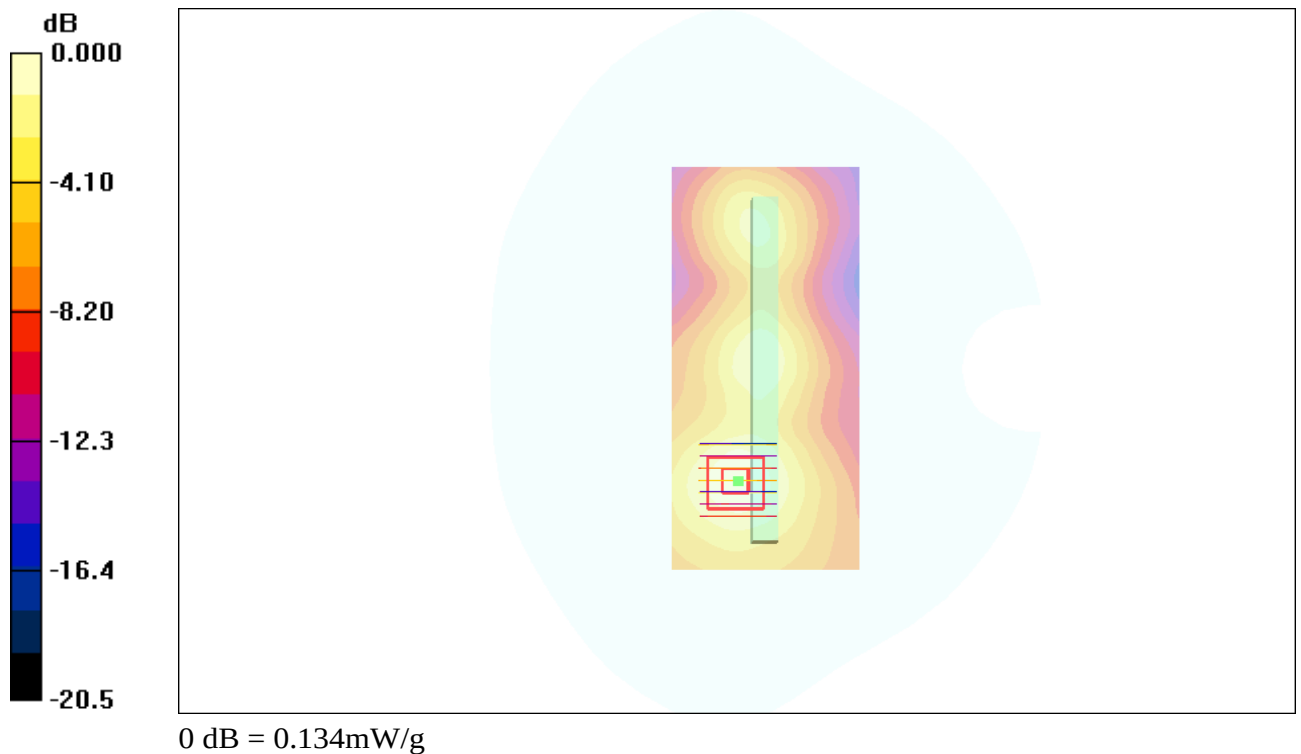
Left Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.31 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



Date: 5/21/2015

LTE B7 1RB Right side ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Side/Area Scan (61x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.048 mW/g

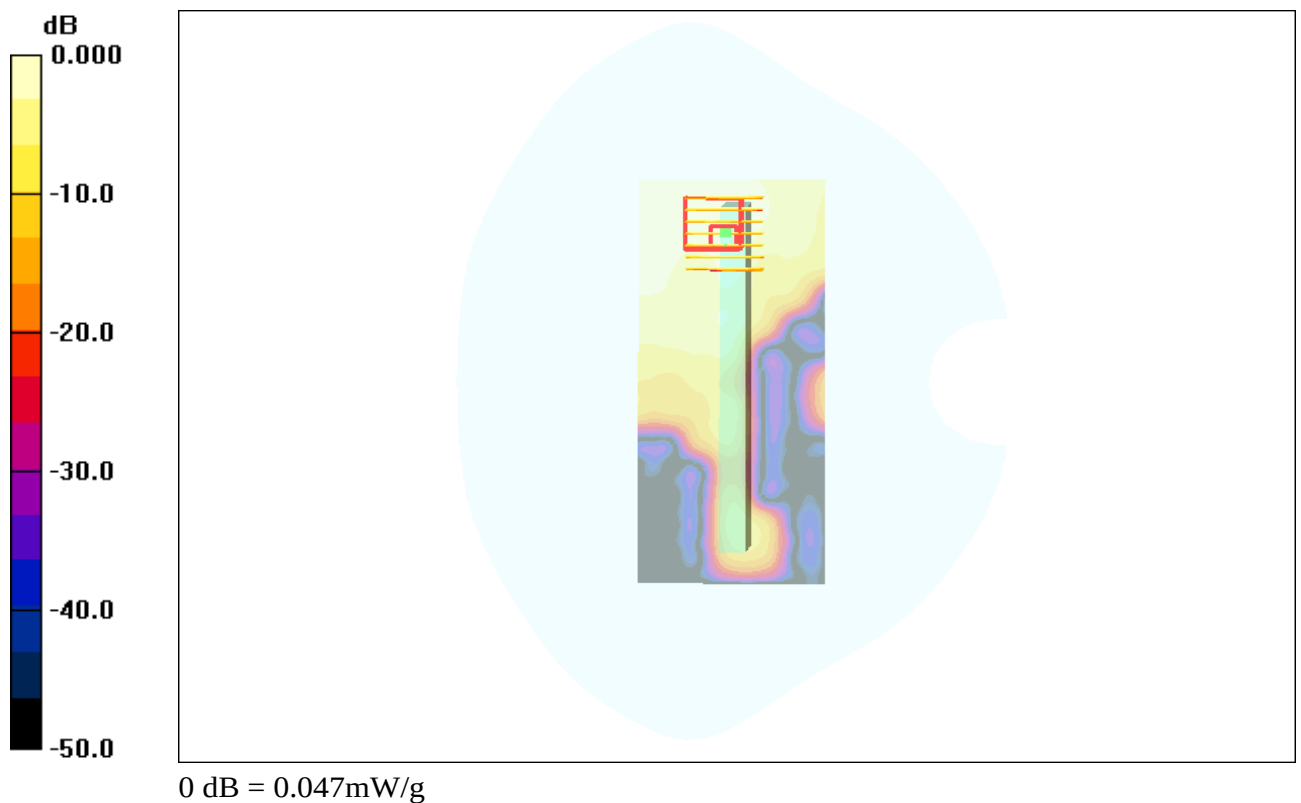
Right Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.61 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.047 mW/g



Date: 5/21/2015

LTE B7 1RB Bottom ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Bottom/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.742 mW/g

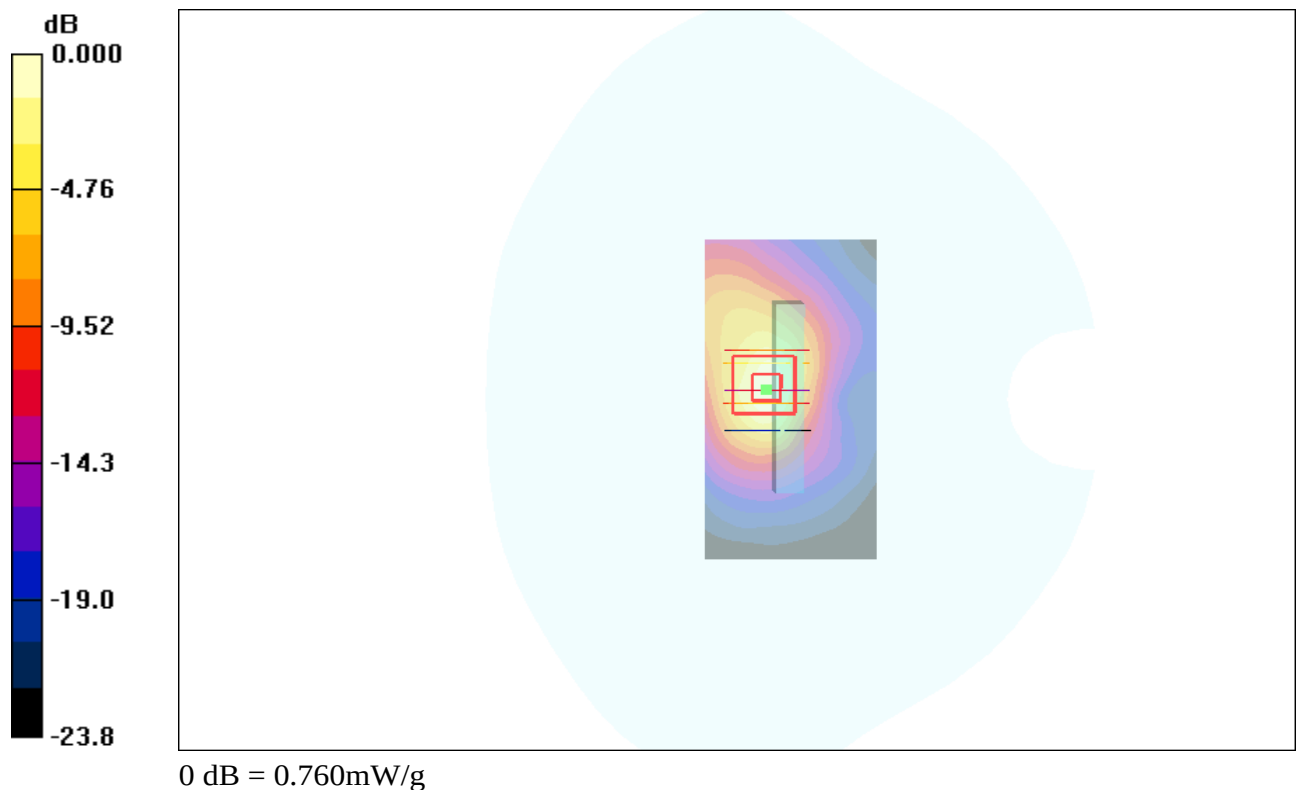
Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.760 mW/g



Test Laboratory: CCIS

Date/Time: 06.03.2015 10:26:12

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 51.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB(20MHz) Body Left/Middle Channel/Area Scan (31x71x1):Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0251 W/kg

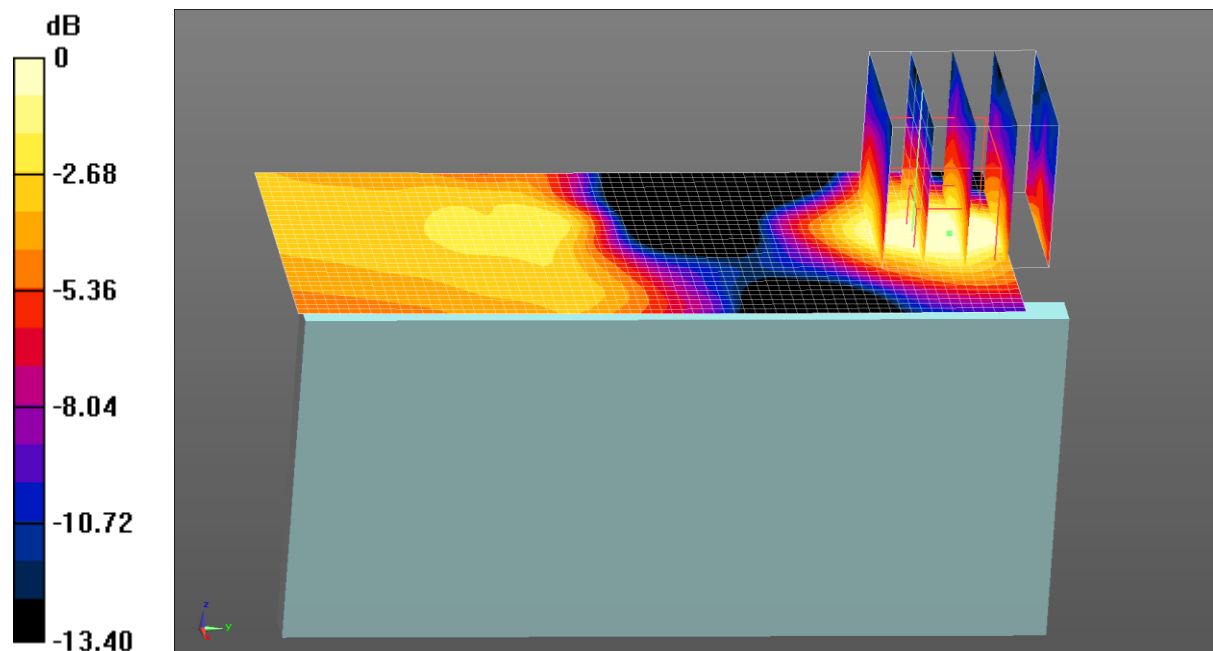
LTE Band 2 50%RB(20MHz) Body Left/Middle Channel/Zoom Scan**(5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.654 V/m; Power Drift = 0.26 dB

Peak SAR (extrapolated) = 0.0230 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00798 W/kg

Maximum value of SAR (measured) = 0.0181 W/kg



0 dB = 0.0181 W/kg = -17.42 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 10:40:29

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 51.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB(20MHz) Body Right/Middle Channel/Area Scan

(31x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0594 W/kg

LTE Band 2 50%RB(20MHz) Body Right/Middle Channel/Zoom Scan

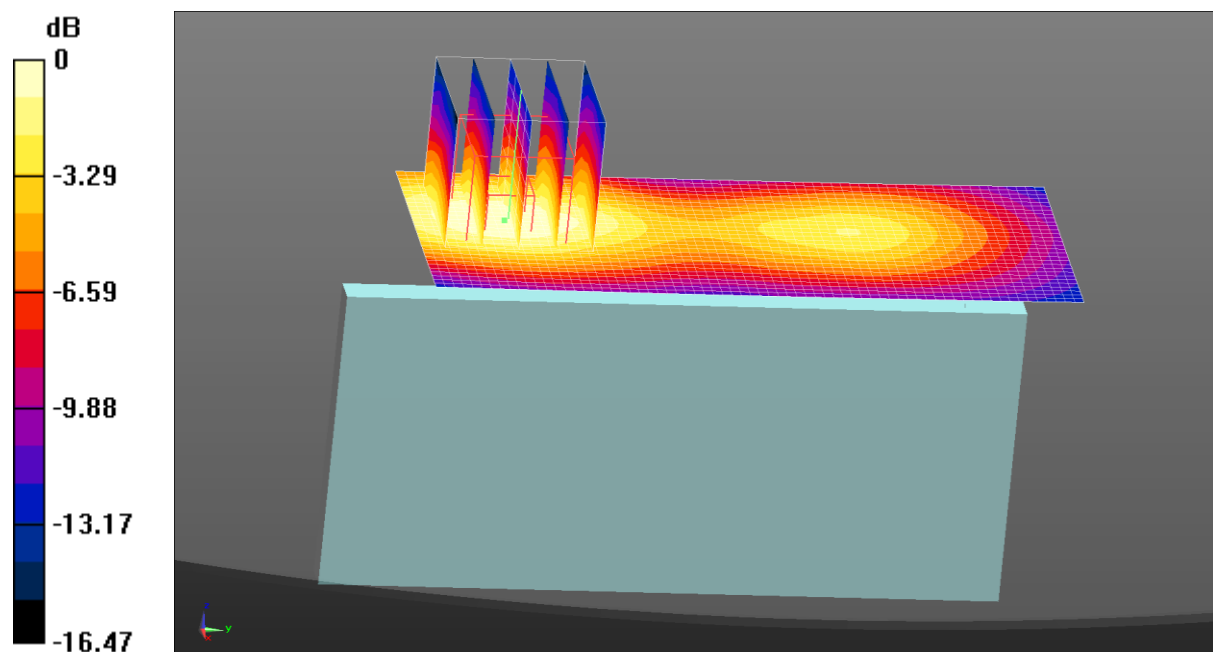
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.326 V/m; Power Drift = -0.26 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0603 W/kg



0 dB = 0.0603 W/kg = -12.20 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 10:10:27

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 51.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.63, 7.63, 7.63); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB(20MHz) Body Bottom/Middle Channel/Area Scan

(31x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.169 W/kg

LTE Band 2 50%RB(20MHz) Body Bottom/Middle Channel/Zoom Scan

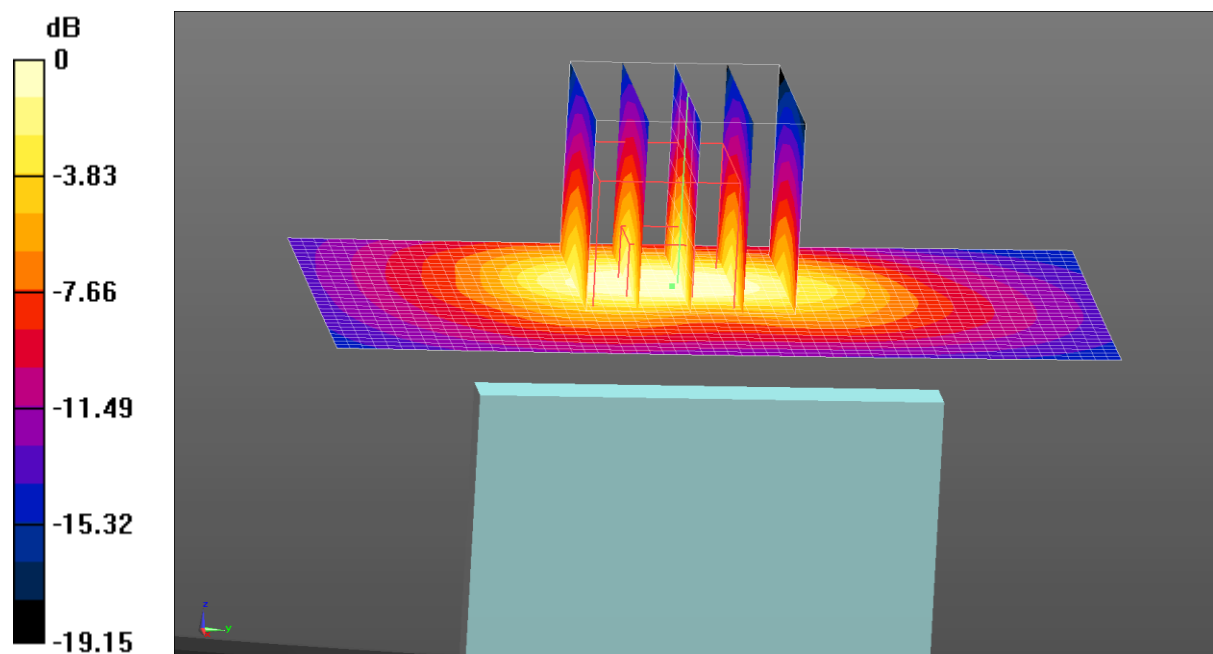
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.102 V/m; Power Drift = -0.22 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 15:04:17

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1720 MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 55.018$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB(20MHz) Body Left/Low Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.747 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 0.0310 W/kg

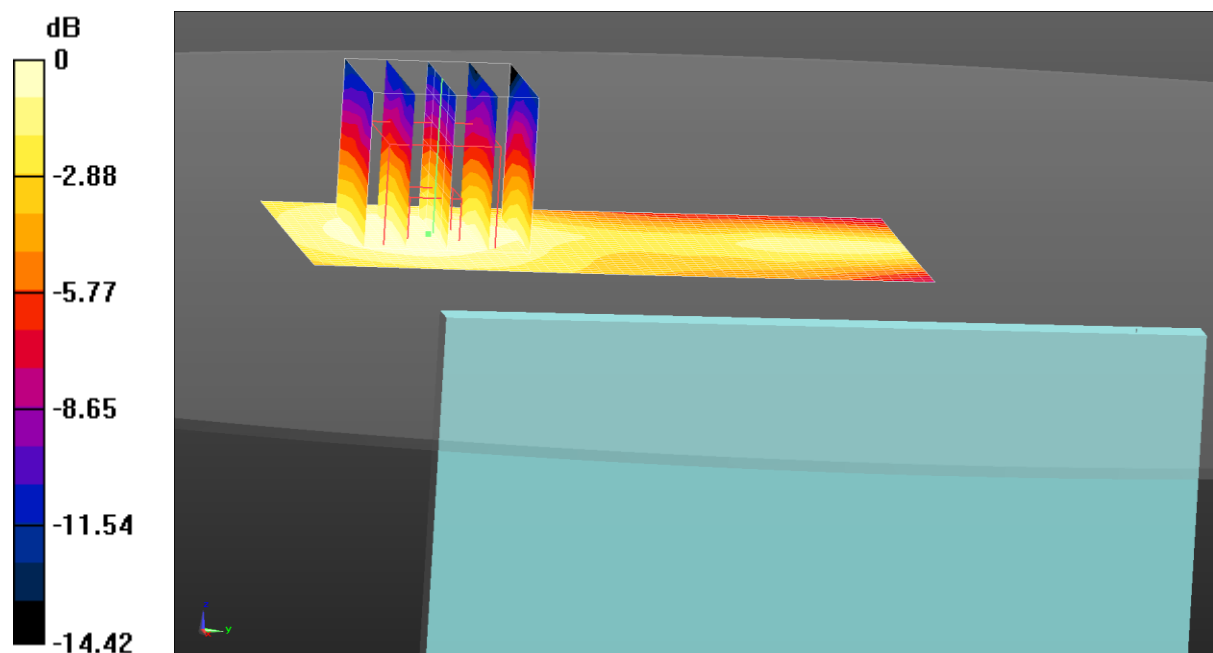
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0258 W/kg

LTE Band 4 50%RB(20MHz) Body Left/Low Channel/Area Scan (31x61x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0261 W/kg



0 dB = 0.0261 W/kg = -15.83 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 15:18:04

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1720 MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 55.018$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB(20MHz) Body Right/Low Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.640 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0990 W/kg

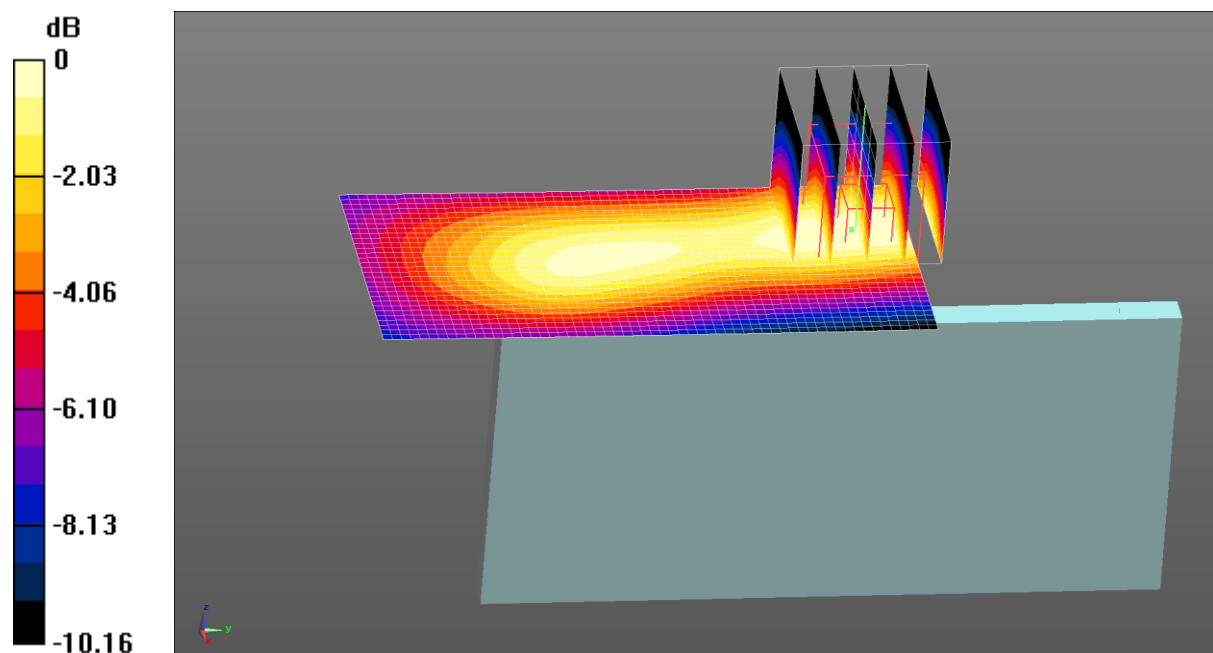
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0837 W/kg

LTE Band 4 50%RB(20MHz) Body Right/Low Channel/Area Scan (31x61x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0821 W/kg



0 dB = 0.0821 W/kg = -10.86 dBW/kg

Test Laboratory: CCIS

Date/Time: 06.03.2015 14:43:14

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB QPSK (0); Frequency: 1720 MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 55.018$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.13, 8.13, 8.13); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB(20MHz) Body Bottom/Low Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.086 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.210 W/kg

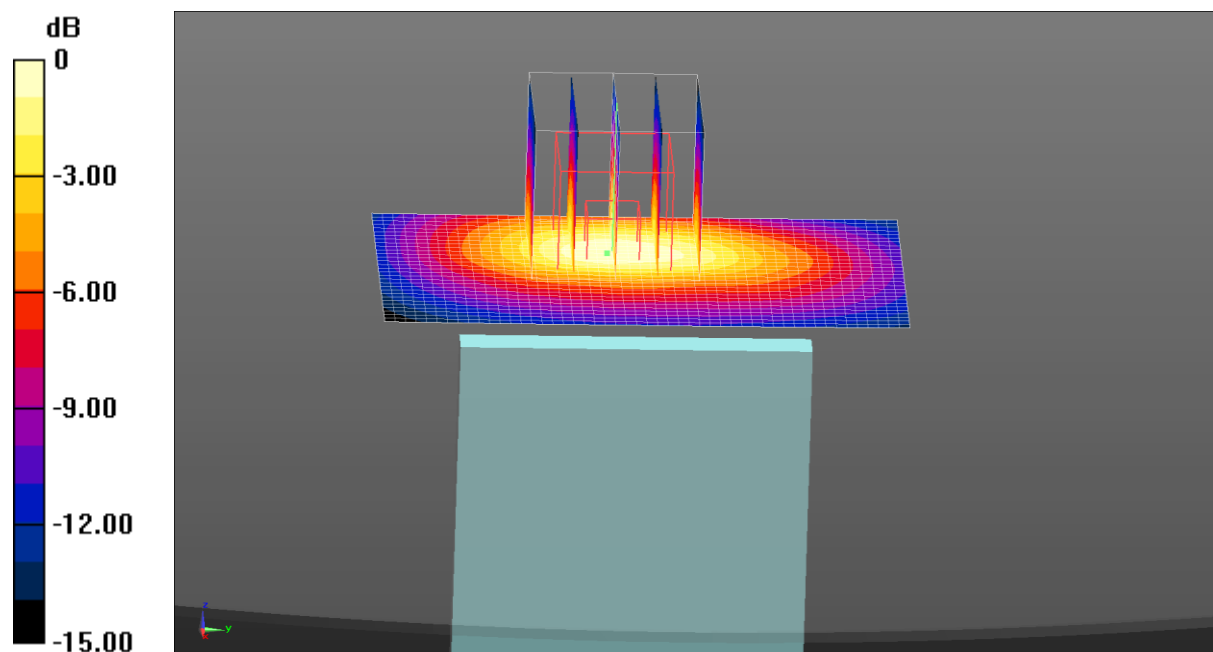
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.076 W/kg

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

LTE Band 4 50%RB(20MHz) Body Bottom/Low Channel/Area Scan

(31x51x1): Interpolated grid: $dx=2.000$ mm, $dy=2.000$ mm

Maximum value of SAR (interpolated) = 0.186 W/kg



0 dB = 0.186 W/kg = -7.30 dBW/kg

Date: 5/21/2015

LTE B7 50%RB Left side ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Side/Area Scan (61x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.118 mW/g

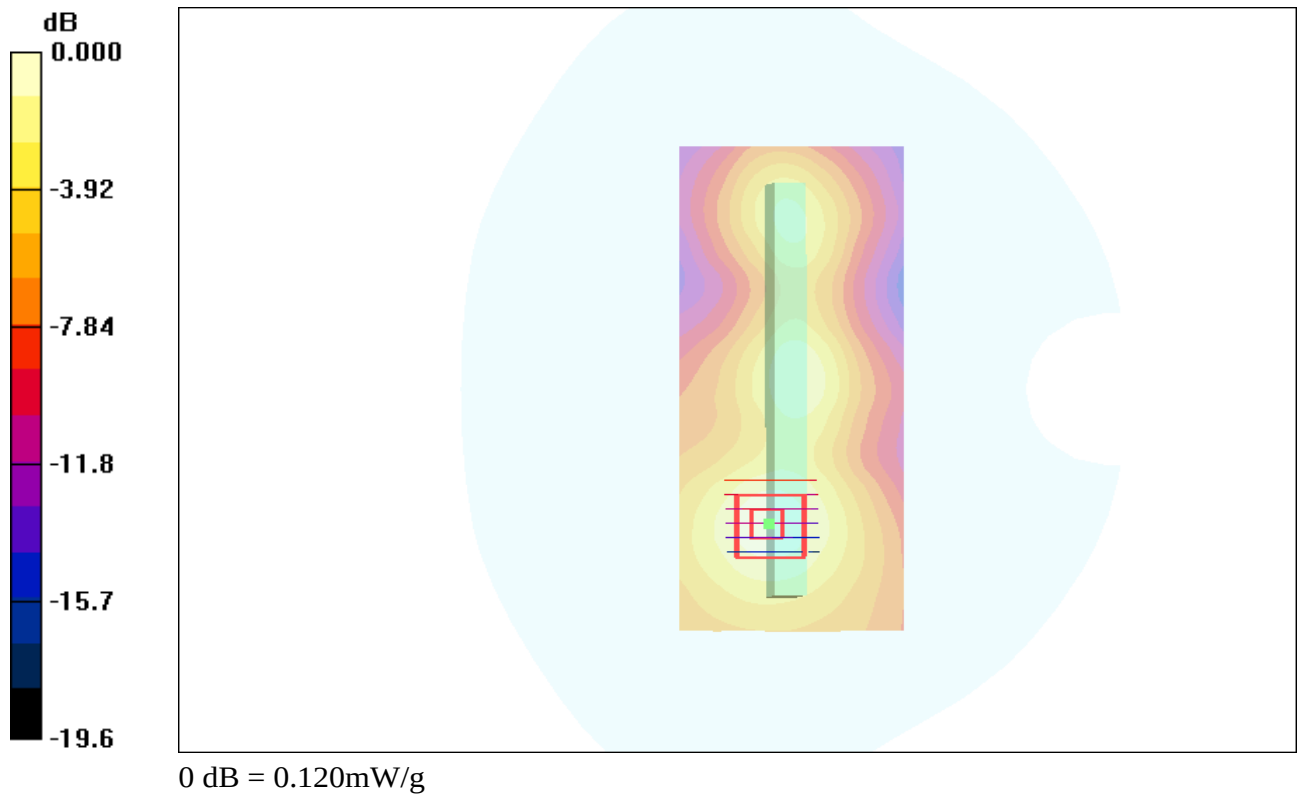
Left Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.91 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.120 mW/g



Date: 5/21/2015

LTE B7 50%RB Right side ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Side/Area Scan (61x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.038 mW/g

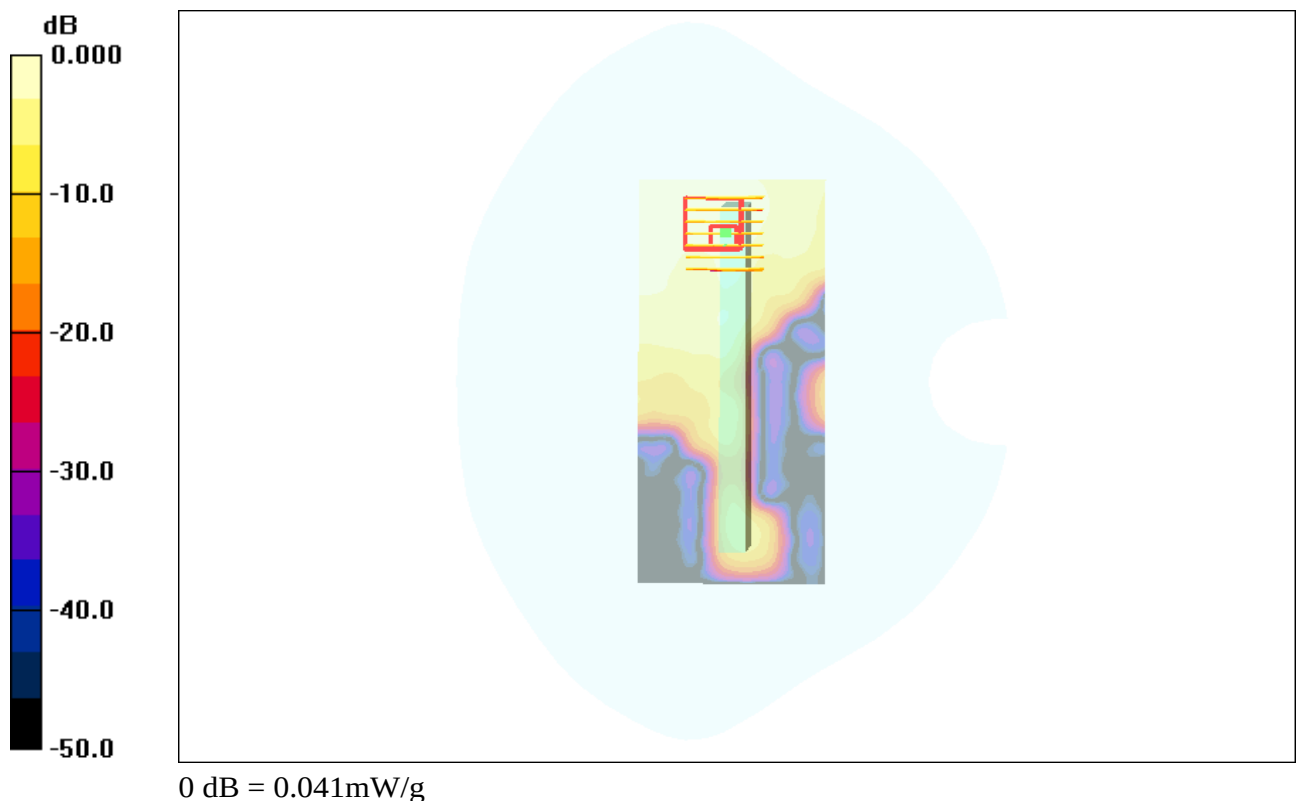
Right Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.51 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.041 mW/g



Date: 5/21/2015

LTE B7 50%RB Bottom ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3028; ConvF(4.14, 4.14, 4.14); Calibrated: 10/22/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn689; Calibrated: 10/1/2014
- Phantom: SAM 1; Type: SAM; Serial: TP-1360
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Bottom/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.659 mW/g

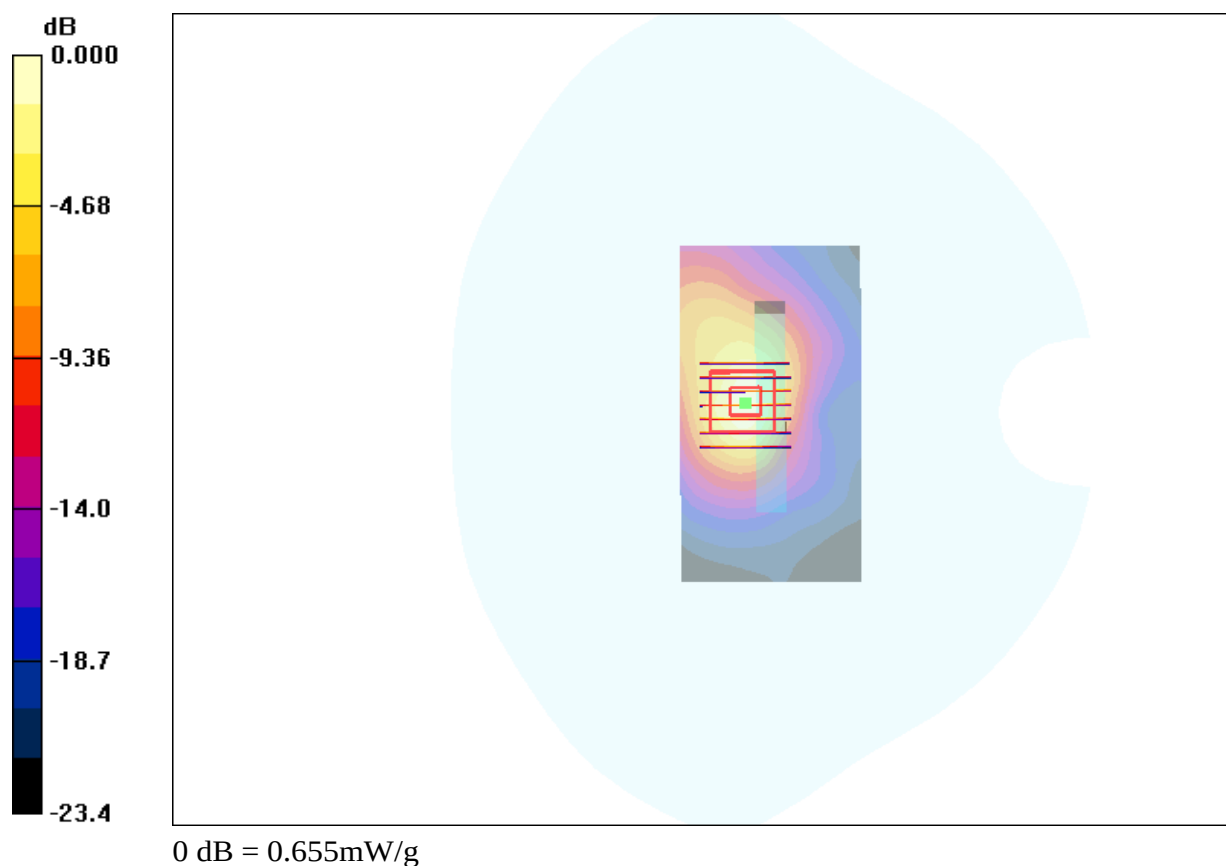
Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.655 mW/g



Test Laboratory: CCIS

Date/Time: 05.27.2015 18:59:43

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.048$ S/m; $\epsilon_r = 50.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.42, 7.42, 7.42); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Right/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.849 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0780 W/kg

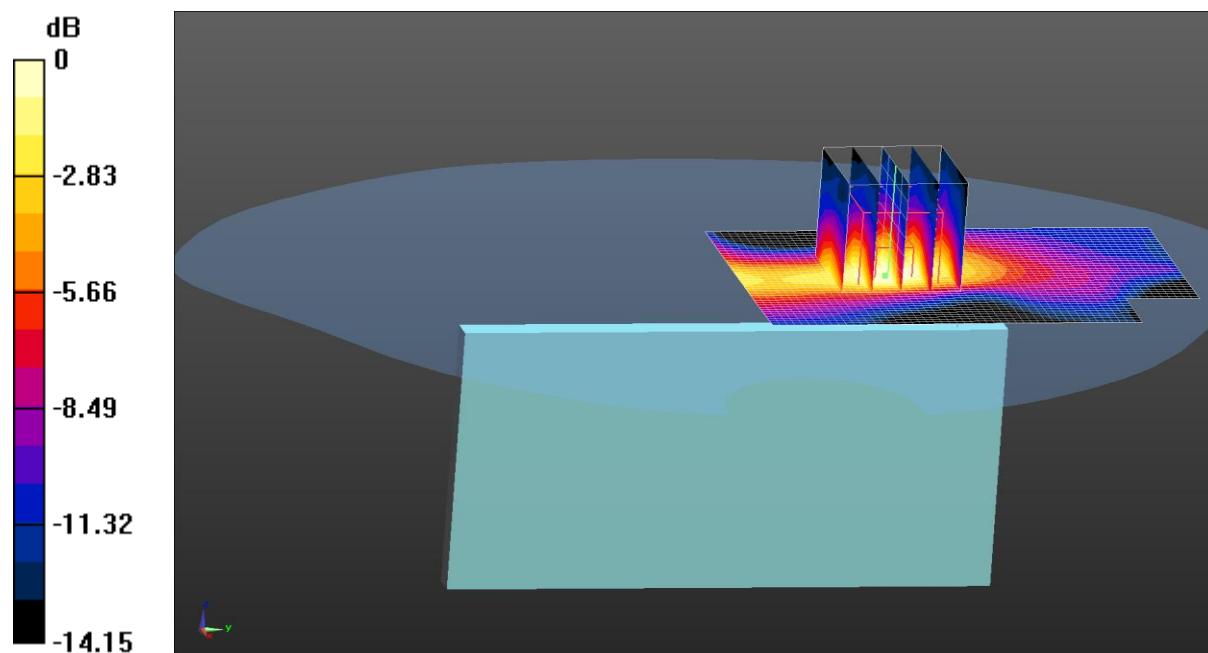
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0532 W/kg

WIFI Body Right/High Channel/Area Scan (41x61x1): Interpolated grid: $dx=1.200$

mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0480 W/kg



0 dB = 0.0480 W/kg = -13.19 dBW/kg

Test Laboratory: CCIS

Date/Time: 05.27.2015 19:15:07

DUT: Mobile phone; Type: LT50+; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.048$ S/m; $\epsilon_r = 50.622$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.42, 7.42, 7.42); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 31.0$
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Top/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.782 V/m; Power Drift = -0.24 dB

Peak SAR (extrapolated) = 0.162 W/kg

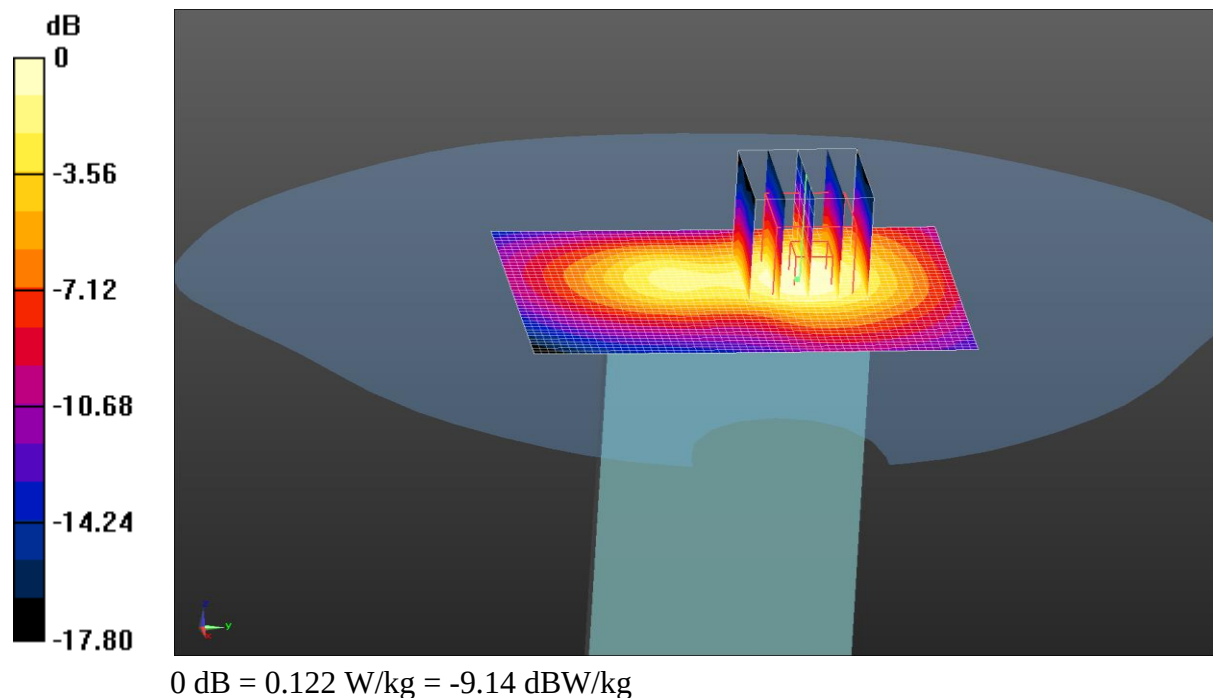
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.122 W/kg

WIFI Body Top/High Channel/Area Scan (41x61x1): Interpolated grid: $dx=1.200$

mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.122 W/kg



Appendix E: System Calibration Certificate