Appendix D: Plots of SAR Test Data

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Project No.: CCIS150300148RF

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Test Laboratory: CCIS   Date/Time: 03.20.2015 12:07:07

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.906 S/m; ε_r = 42.604; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 850 Right Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.734 V/m; Power Drift = -0.30 dB
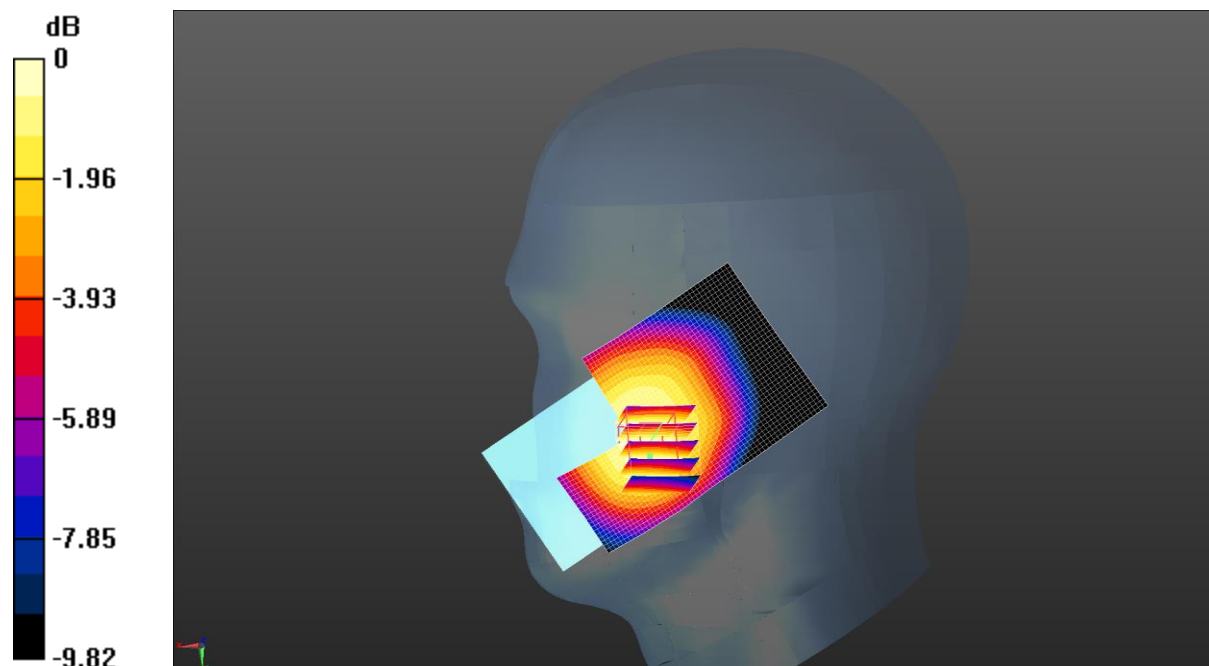Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.356 W/kg

GSM 850 Right Cheek/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.351 W/kg

0 dB = 0.351 W/kg = -4.55 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.20.2015 13:07:02

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.906 S/m; ε_r = 42.604; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 850 Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.460 V/m; Power Drift = 0.03 dB
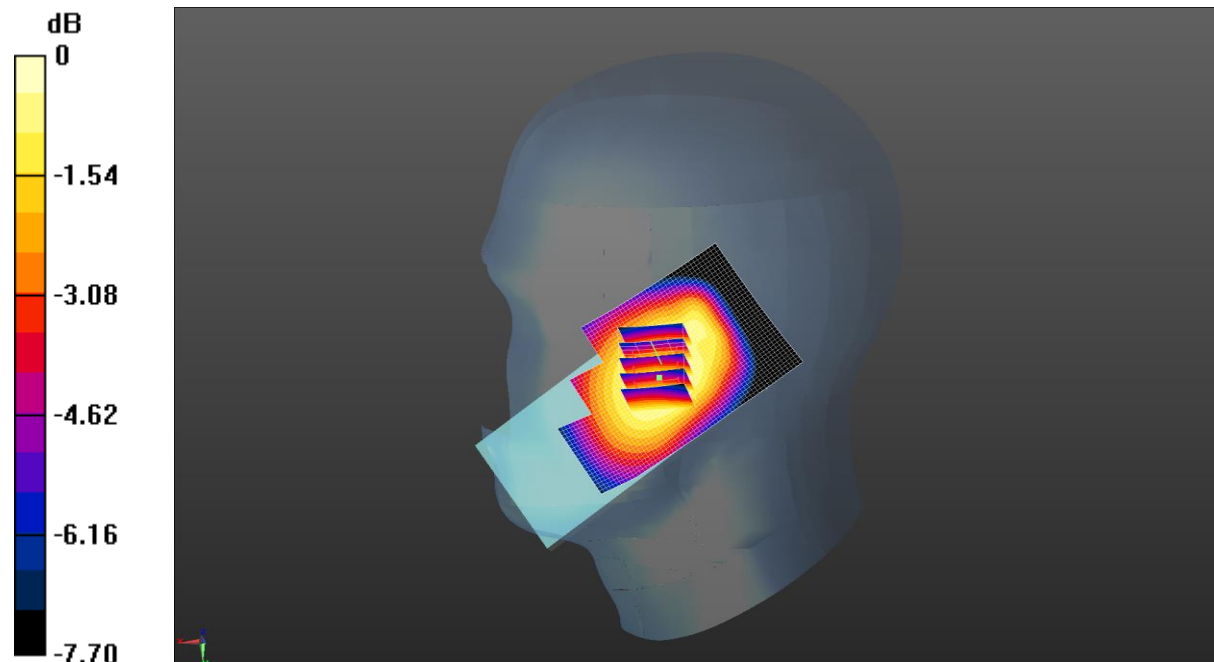Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.217 W/kg

GSM 850 Right Tilted/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.208 W/kg

0 dB = 0.208 W/kg = -6.82 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.20.2015 13:56:28

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.906 S/m; ε_r = 42.604; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 850 Left Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.977 V/m; Power Drift = 0.12 dB
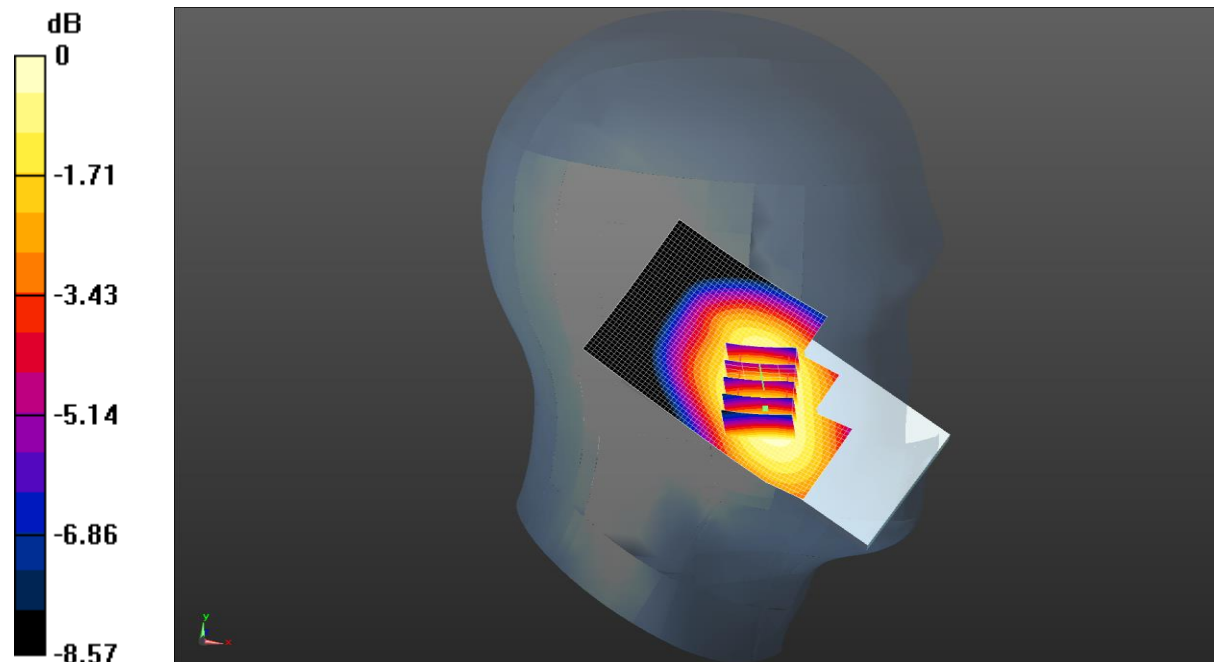Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.325 W/kg

GSM 850 Left Cheek/High Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.316 W/kg

0 dB = 0.316 W/kg = -5.00 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.20.2015 13:36:32

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.906 S/m; $ε_r$ = 42.604; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 850 Left Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.427 V/m; Power Drift = 0.00 dB
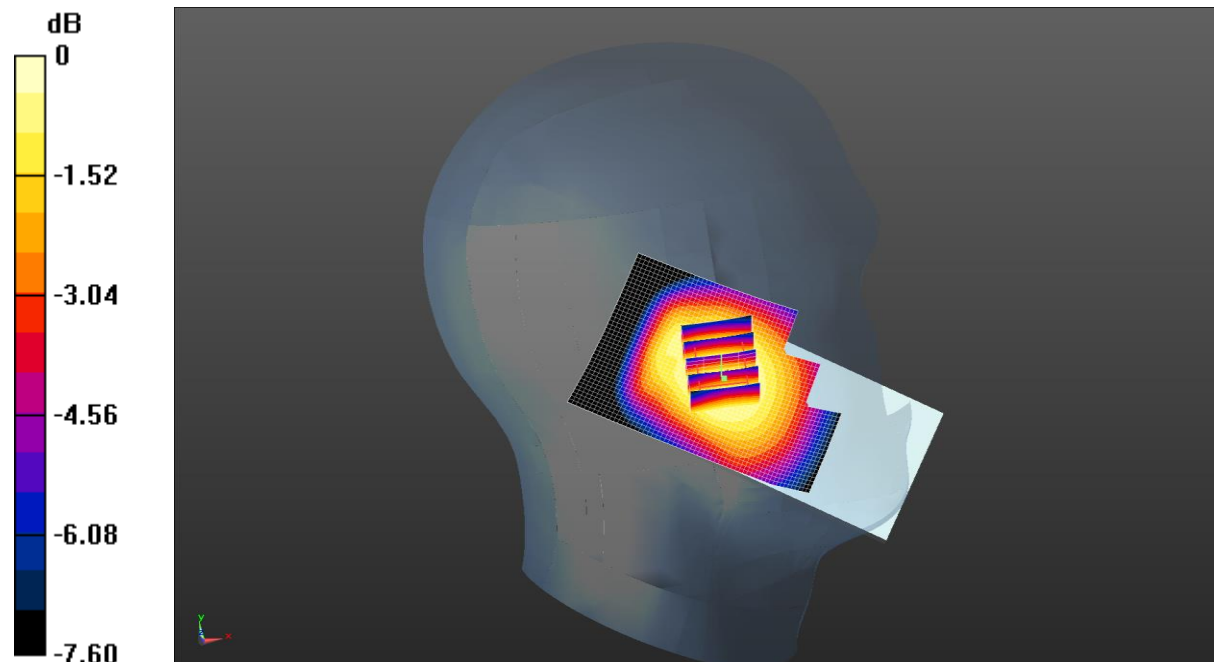Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.199 W/kg

GSM 850 Left Tilted/High Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.186 W/kg

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

Test Laboratory: CCIS   Date/Time: 03.29.2015 17:13:29

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.368 S/m; $ε_r$ = 40.698; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 1900 Right Cheek/Low Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0470 W/kg

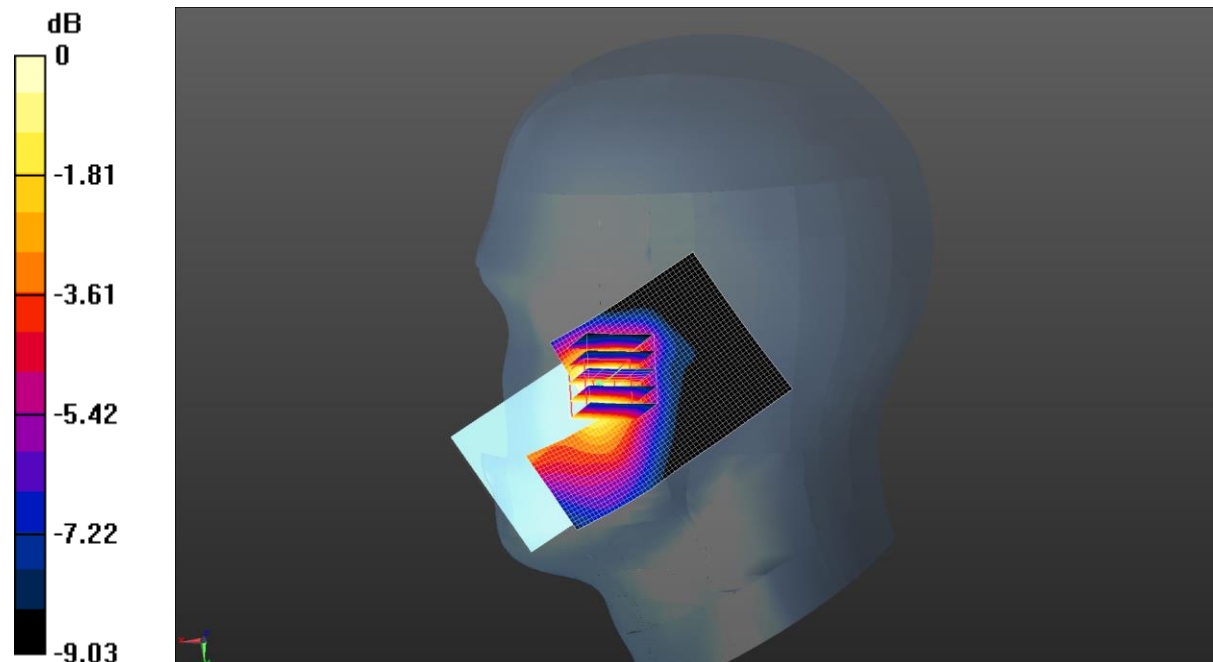**GSM 1900 Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.192 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0406 W/kg

0 dB = 0.0406 W/kg = -13.91 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.29.2015 17:28:41

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.368 S/m; ε_r = 40.698; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 1900 Right Tilted/Low Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0151 W/kg

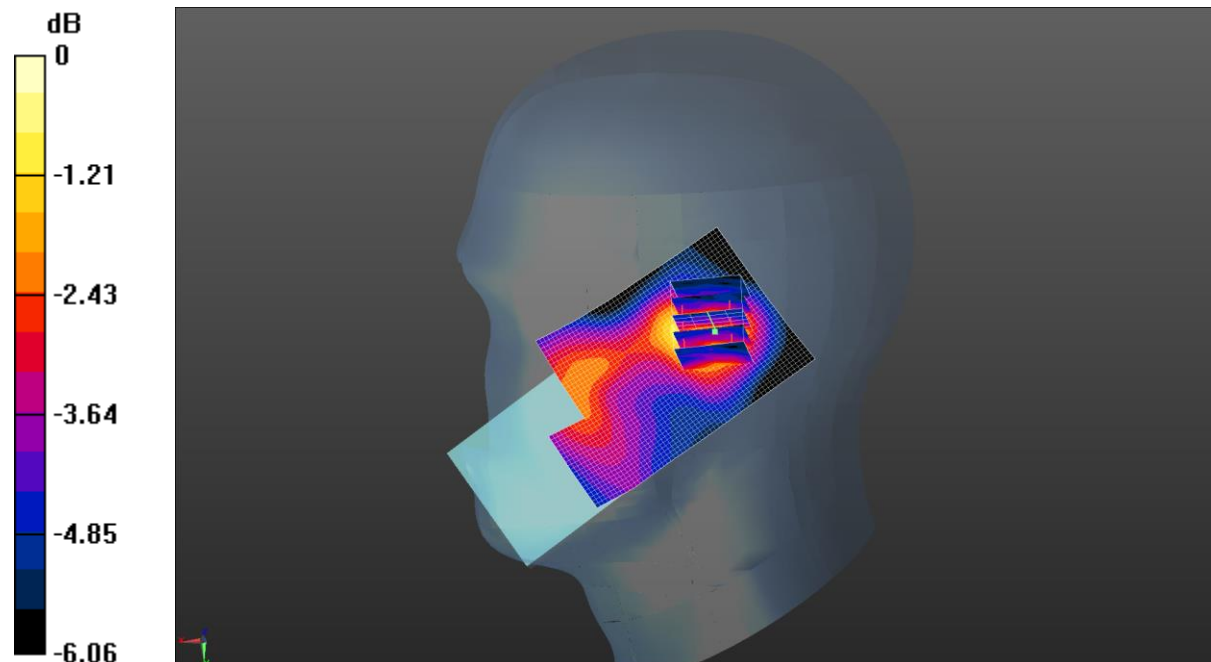**GSM 1900 Right Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.438 V/m; Power Drift = 0.36 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00888 W/kg
Maximum value of SAR (measured) = 0.0148 W/kg

0 dB = 0.0148 W/kg = -18.30 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.30.2015 08:31:00

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.368 S/m; ε_r = 40.698; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 1900 Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.461 V/m; Power Drift = -0.10 dB
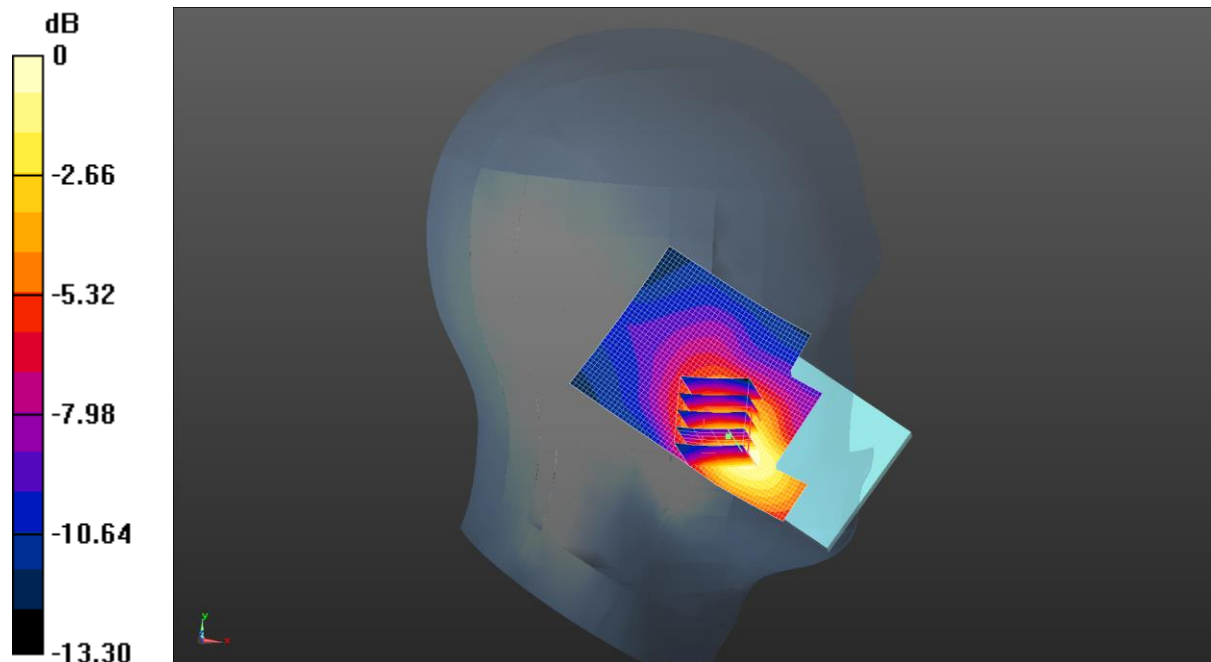Peak SAR (extrapolated) = 0.0750 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0636 W/kg

GSM 1900 Left Cheek/Low Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0617 W/kg

0 dB = 0.0617 W/kg = -12.10 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.29.2015 17:43:56

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.368 S/m; ε_r = 40.698; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

GSM 1900 Left Tilted/Low Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0150 W/kg

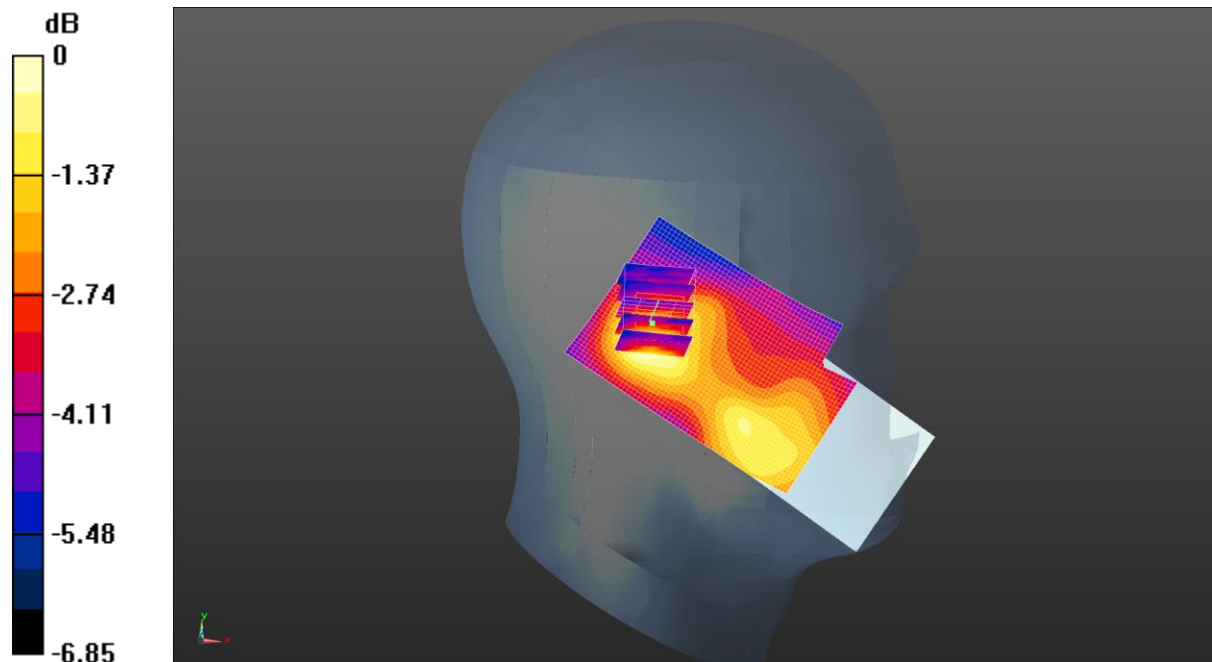**GSM 1900 Left Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:** Measurement
grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.268 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00778 W/kg
Maximum value of SAR (measured) = 0.0123 W/kg

0 dB = 0.0123 W/kg = -19.10 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.20.2015 15:24:38

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.885 S/m; $ε_r$ = 42.535; ρ = 1000 kg/m^3
Phantom section: Right Section
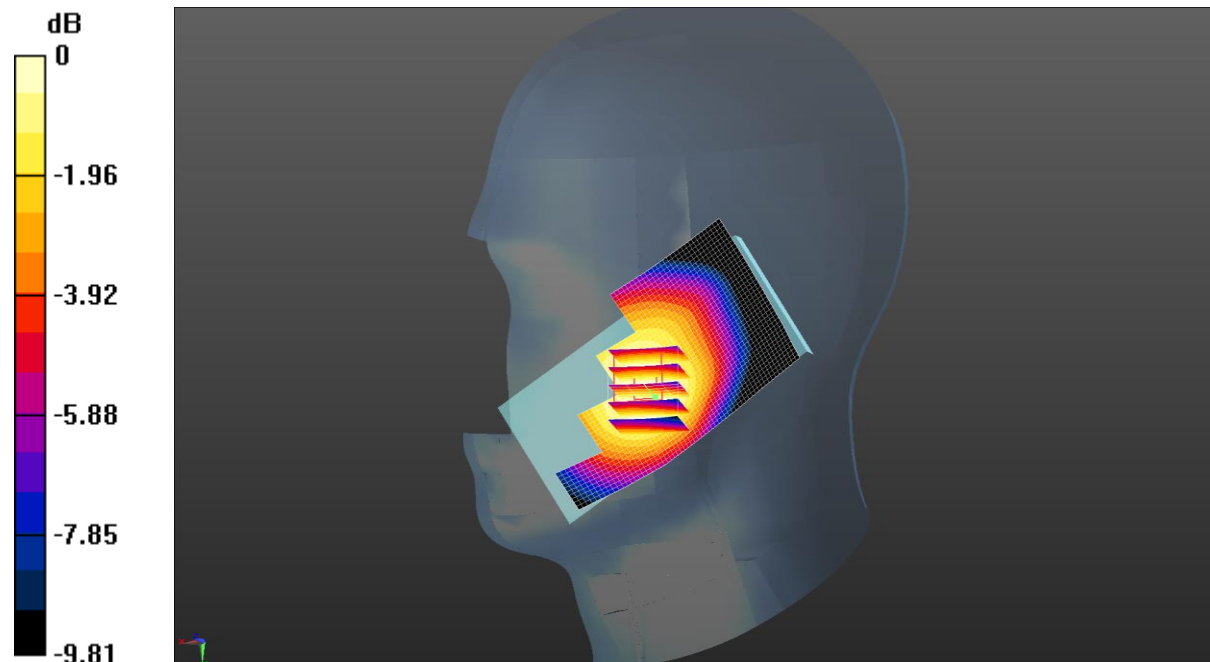Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.821 V/m; Power Drift = 0.34 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.271 W/kg

WCDMA 850 Right Cheek/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.270 W/kg

0 dB = 0.270 W/kg = -5.69 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.20.2015 15:08:11

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.885 S/m; ε_r = 42.535; ρ = 1000 kg/m^3
Phantom section: Right Section
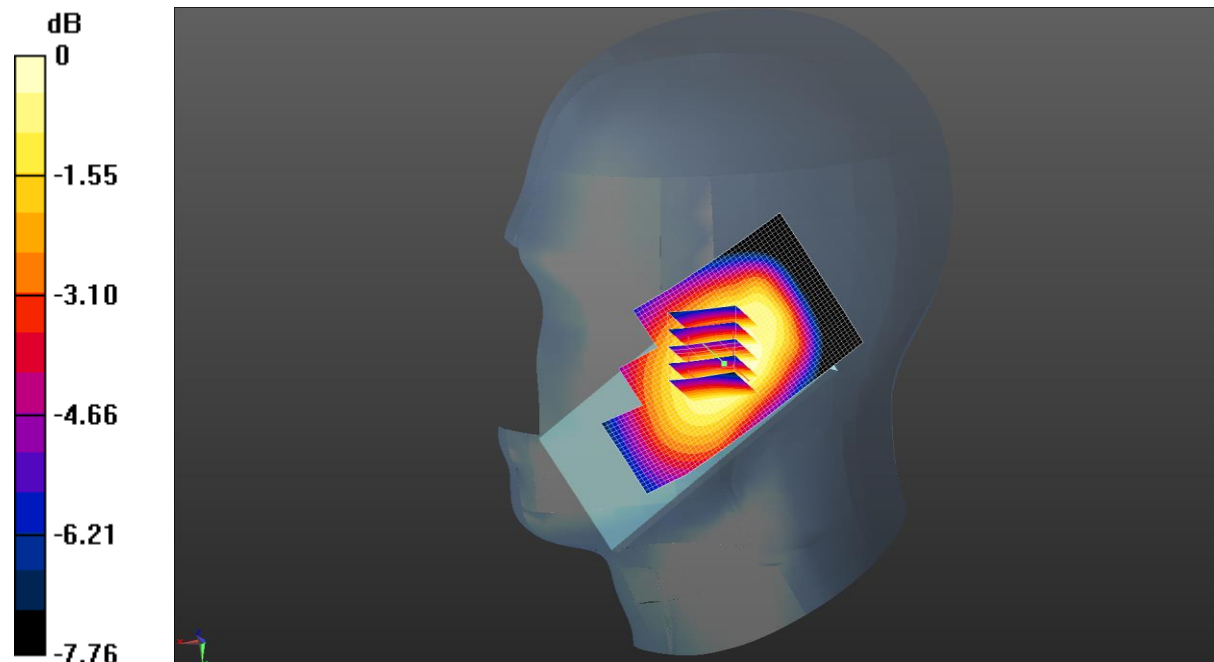Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.010 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.179 W/kg

WCDMA 850 Right Tilted/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.167 W/kg

0 dB = 0.167 W/kg = -7.77 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.20.2015 14:25:18

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.885 S/m; ε_r = 42.535; ρ = 1000 kg/m^3
Phantom section: Left Section
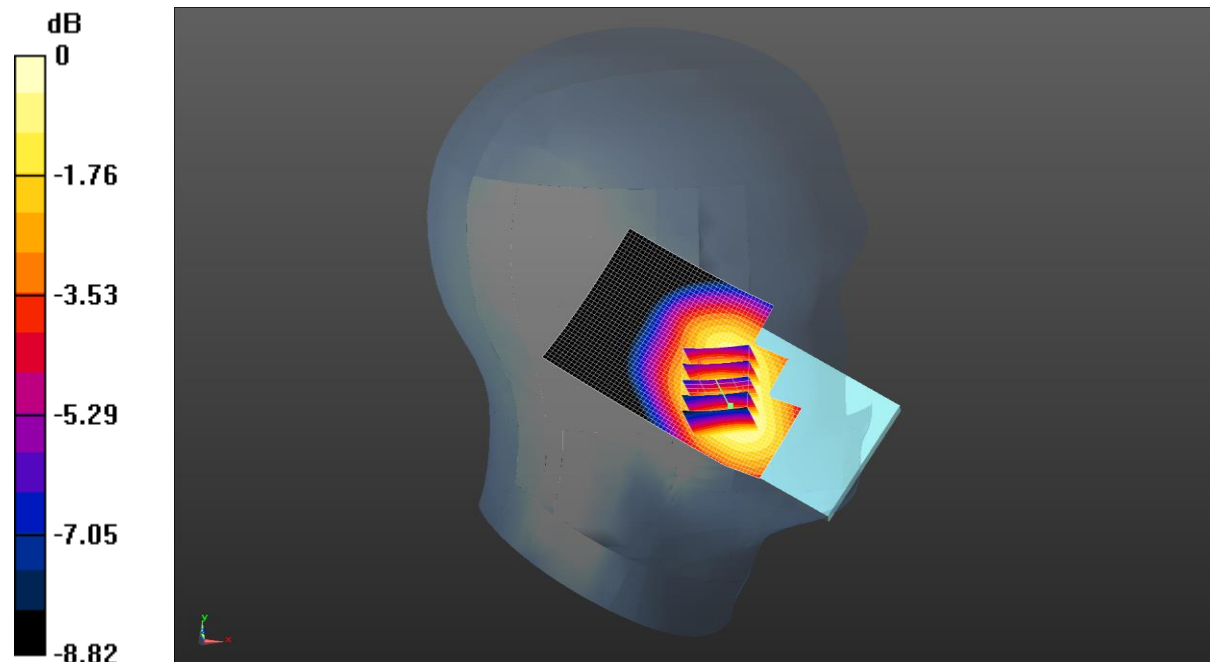Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Left Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.430 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.286 W/kg

WCDMA 850 Left Cheek/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.270 W/kg

0 dB = 0.270 W/kg = -5.69 dBW/kg

Project No.: CCIS150300148RF

Test Laboratory: CCIS   Date/Time: 03.20.2015 14:44:43

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.885 S/m; ε_r = 42.535; ρ = 1000 kg/m^3
Phantom section: Left Section
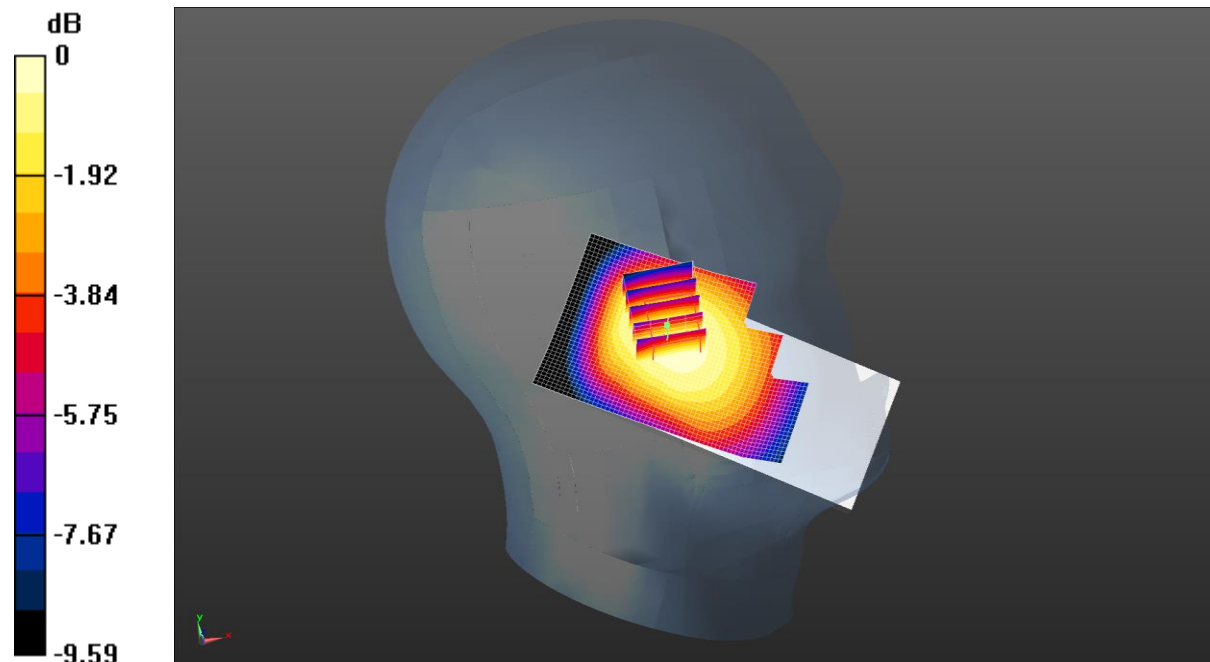Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.46, 9.46, 9.46); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 850 Left Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.566 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.180 W/kg

WCDMA 850 Left Tilted/Middle Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.172 W/kg

0 dB = 0.172 W/kg = -7.64 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.30.2015 09:38:52

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3
Phantom section: Right Section
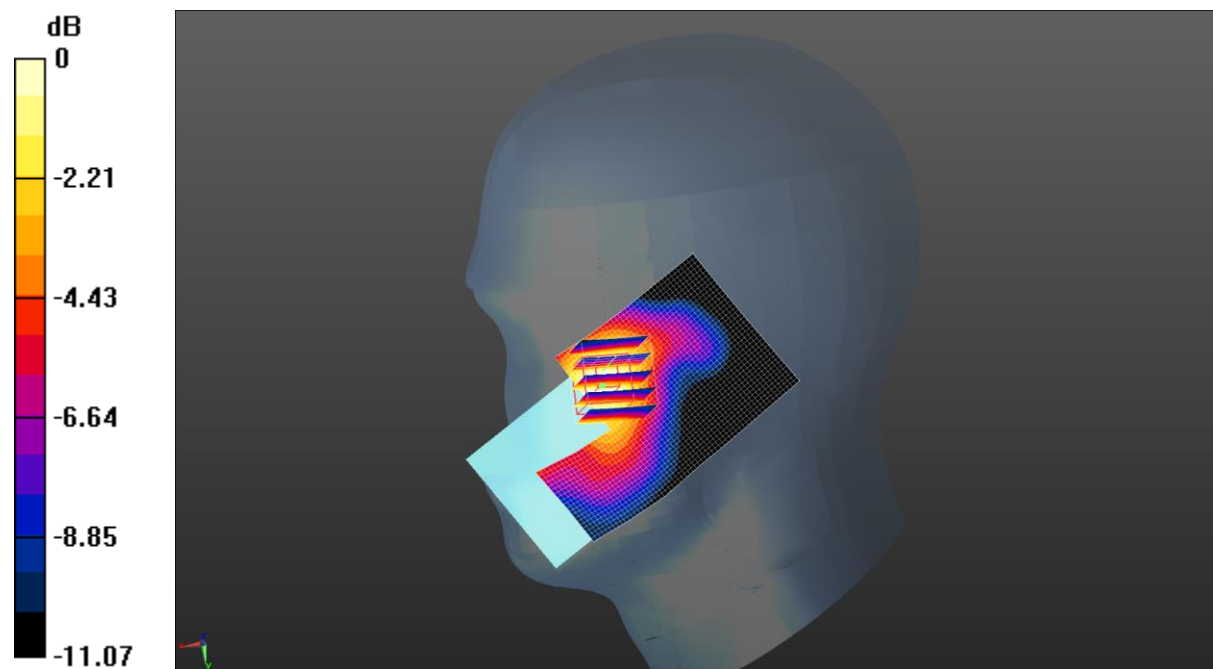Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.354 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0510 W/kg

WCDMA 1900 Right Cheek/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0548 W/kg

0 dB = 0.0548 W/kg = -12.61 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.30.2015 09:22:10

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3
Phantom section: Right Section
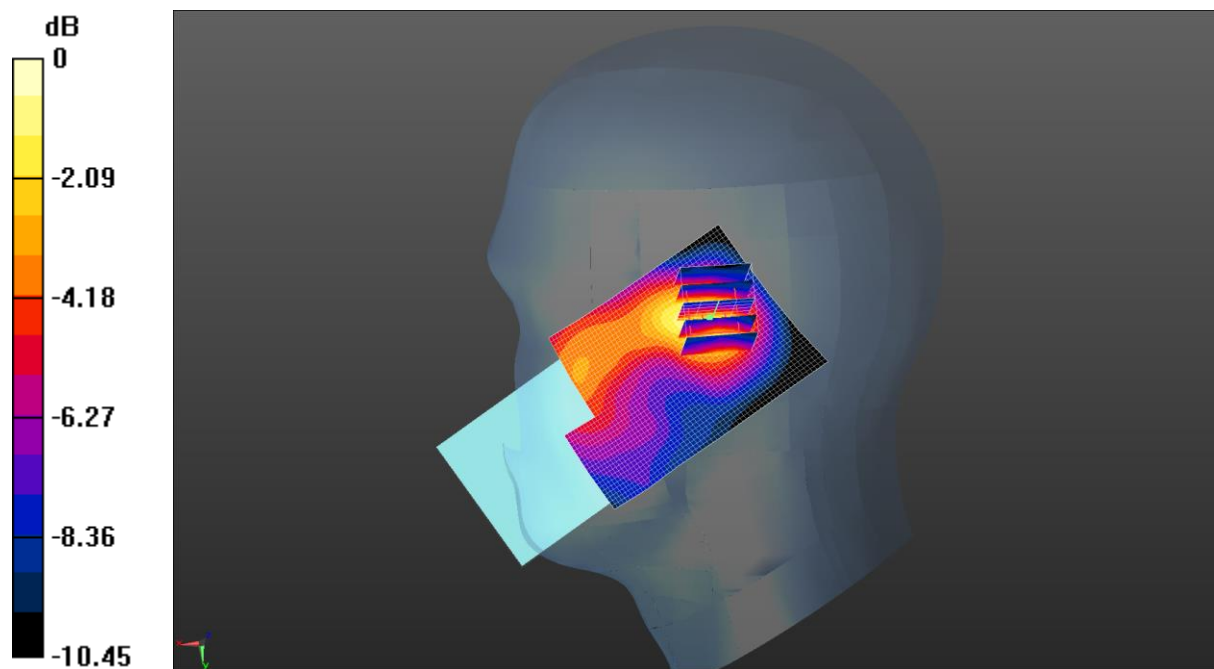Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.643 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0254 W/kg

WCDMA 1900 Right Tilted/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0297 W/kg

0 dB = 0.0297 W/kg = -15.27 dBW/kg

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Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366

Test Laboratory: CCIS   Date/Time: 03.30.2015 08:49:28

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; $ε_r$ = 40.047; ρ = 1000 kg/m^3
Phantom section: Left Section
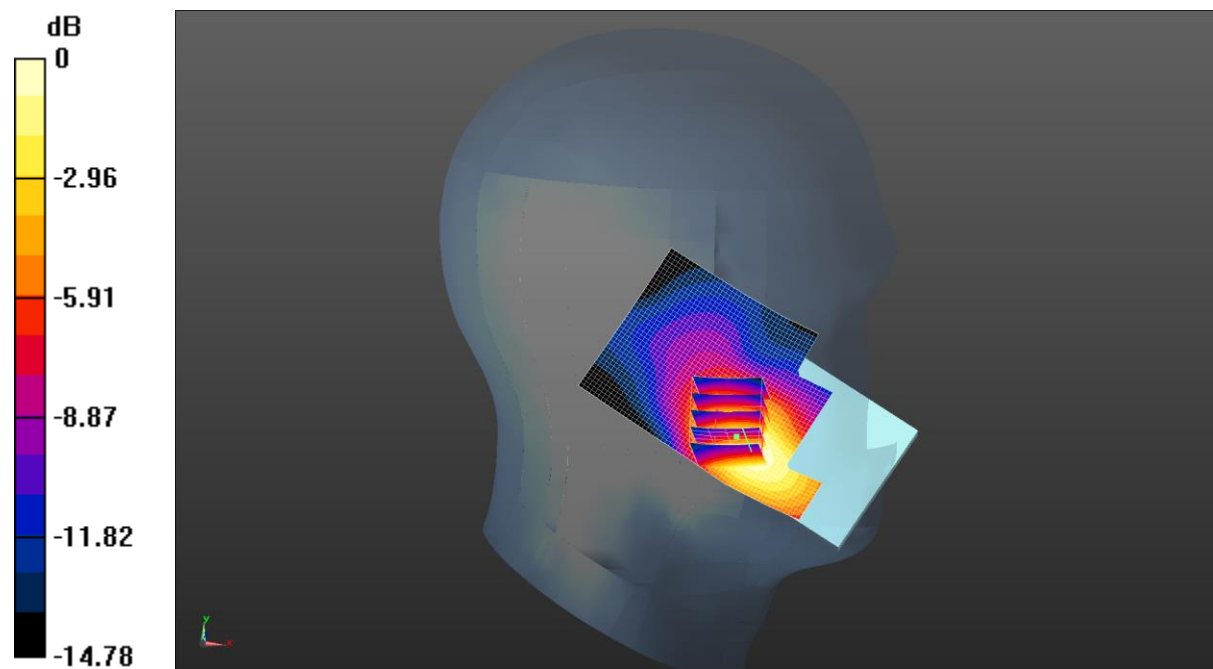Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Left Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.498 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.106 W/kg

WCDMA 1900 Left Cheek/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.101 W/kg

0 dB = 0.101 W/kg = -9.96 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.30.2015 09:04:23

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; $ε_r$ = 40.047; ρ = 1000 kg/m^3
Phantom section: Left Section
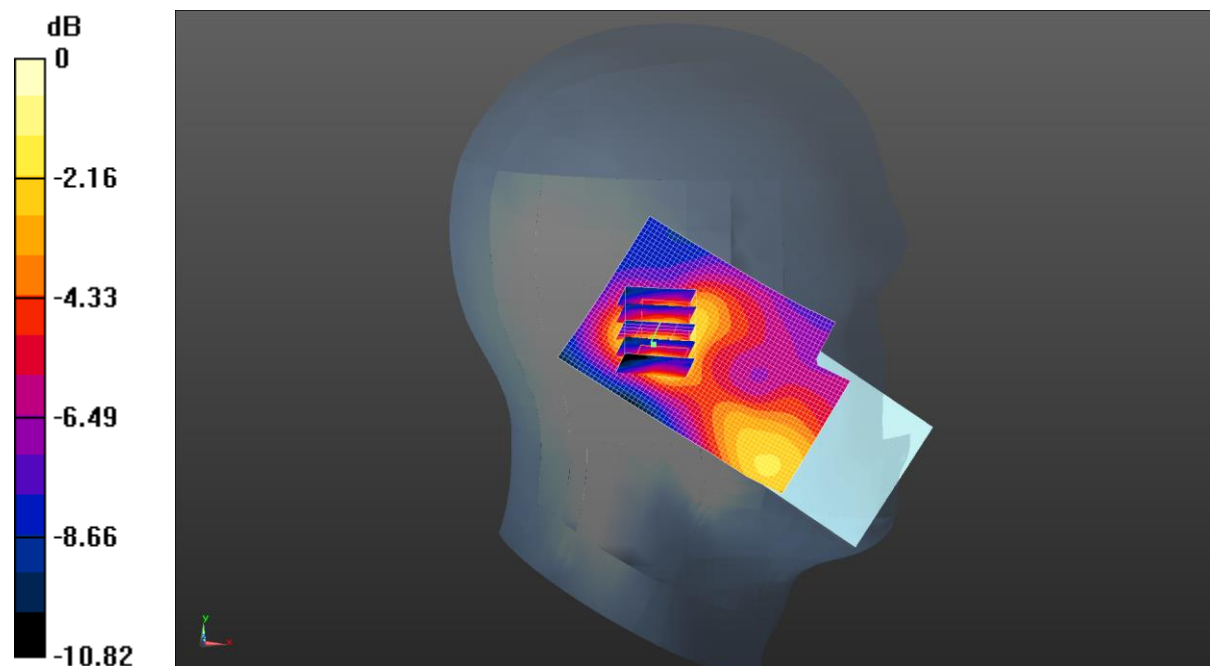Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1900 Left Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.946 V/m; Power Drift = 0.24 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) = 0.0228 W/kg

WCDMA 1900 Left Tilted/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0246 W/kg

0 dB = 0.0246 W/kg = -16.09 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.30.2015 15:03:47

DUT: LTE mobile phone; Type: X3; Serial: 1#
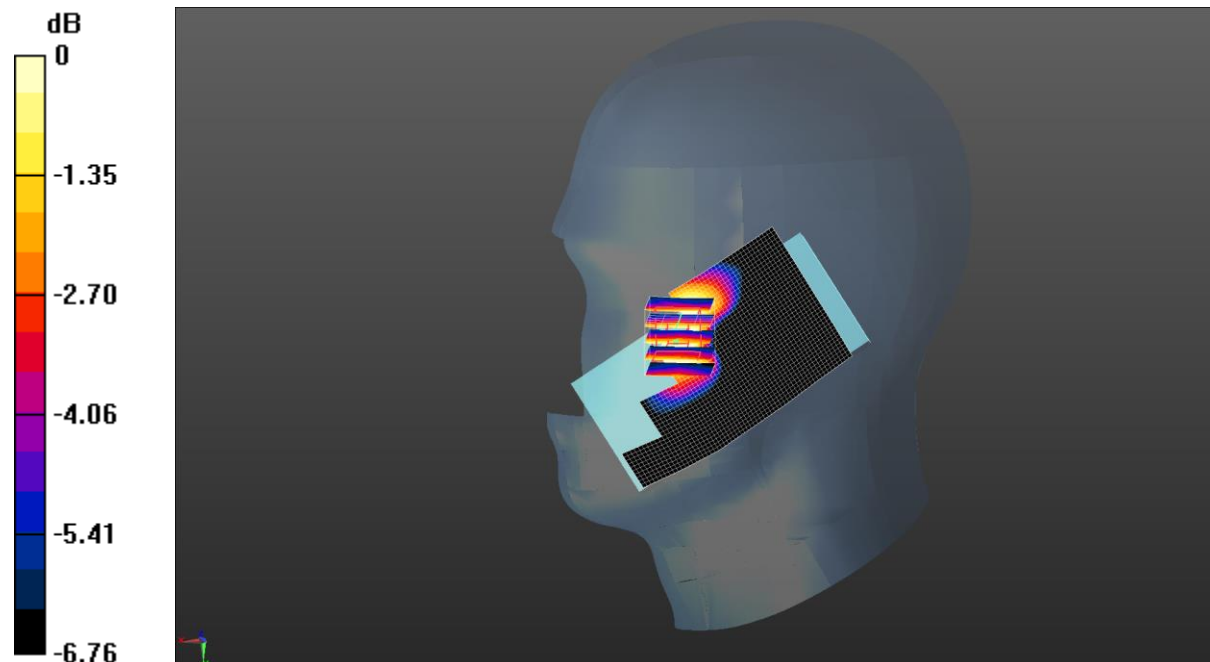
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.406 S/m; $ε_r$ = 40.884; ρ =
1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1700 Right Cheek/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0319 W/kg

WCDMA 1700 Right Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.592 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0234 W/kg

0 dB = 0.0234 W/kg = -16.31 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.30.2015 14:47:39
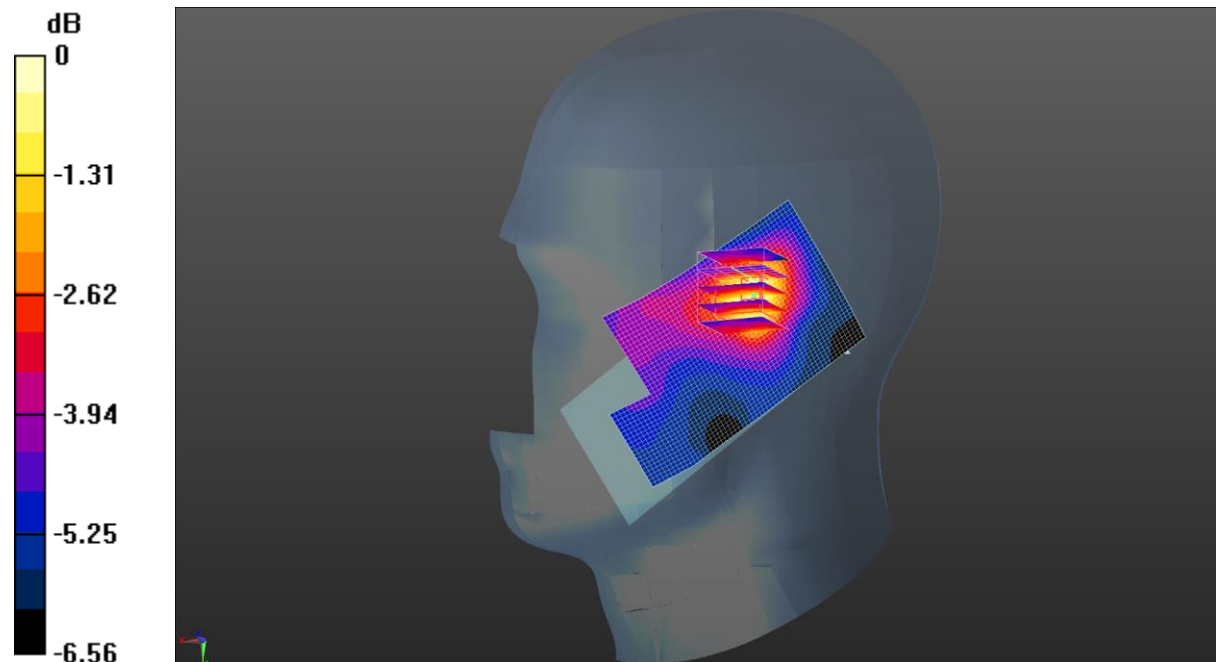
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.406 S/m; $ε_r$ = 40.884; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1700 Right Tilted/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0136 W/kg

WCDMA 1700 Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.892 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0200 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.0092 W/kg
Maximum value of SAR (measured) = 0.0138 W/kg

0 dB = 0.0138 W/kg = -18.60 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.30.2015 14:11:20
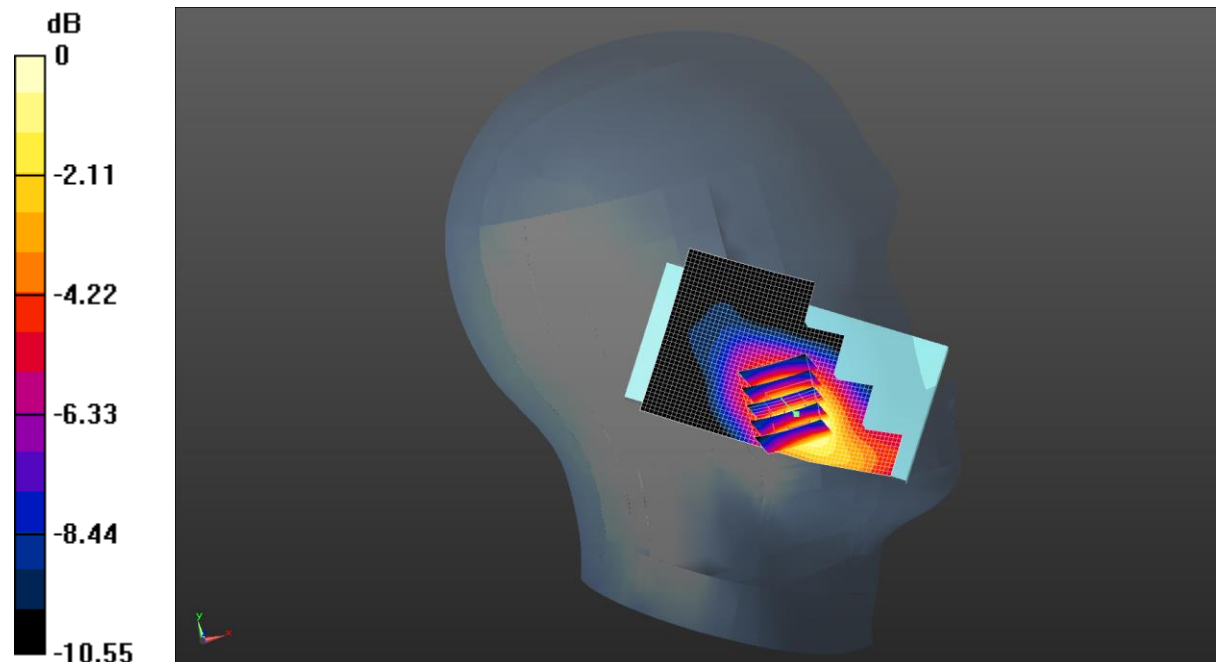
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.406 S/m; ε_r = 40.884; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1700 Left Cheek/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0661 W/kg

WCDMA 1700 Left Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.144 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0606 W/kg

0 dB = 0.0606 W/kg = -12.18 dBW/kg

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Test Laboratory: CCIS   Date/Time: 03.30.2015 14:27:54

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.406 S/m; ε_r = 40.884; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WCDMA 1700 Left Tilted/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0154 W/kg
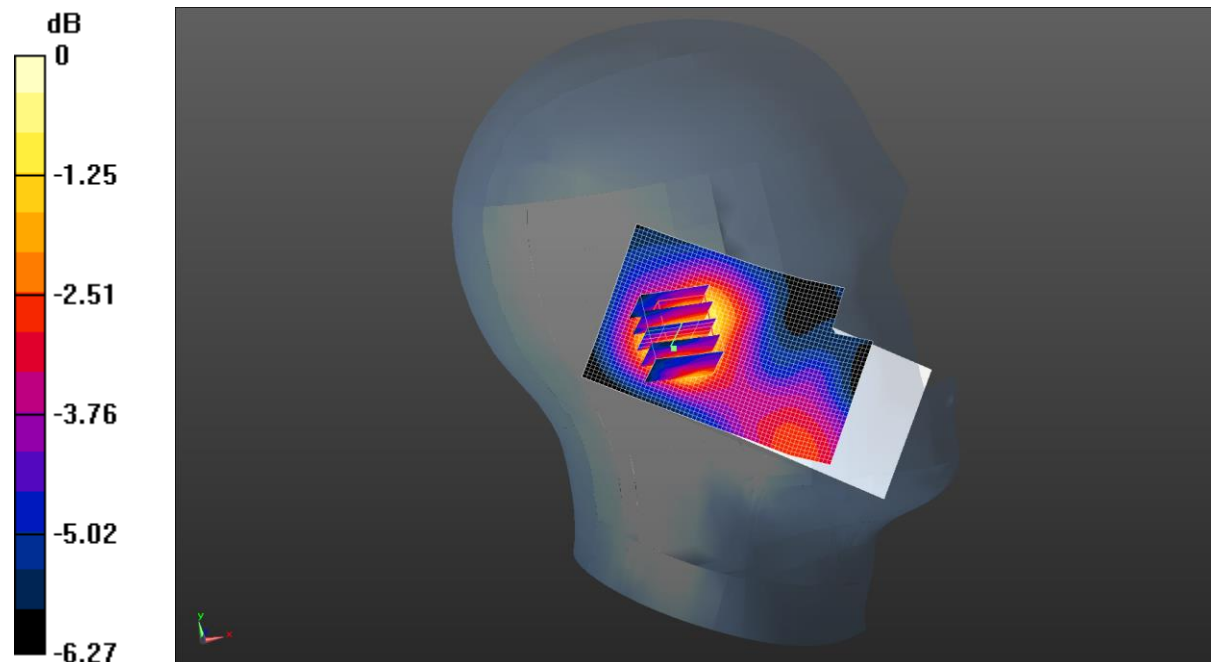
WCDMA 1700 Left Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.235 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0230 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00926 W/kg
Maximum value of SAR (measured) = 0.0144 W/kg

0 dB = 0.0144 W/kg = -18.42 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 08:52:40

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB Right Cheek/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.134 W/kg

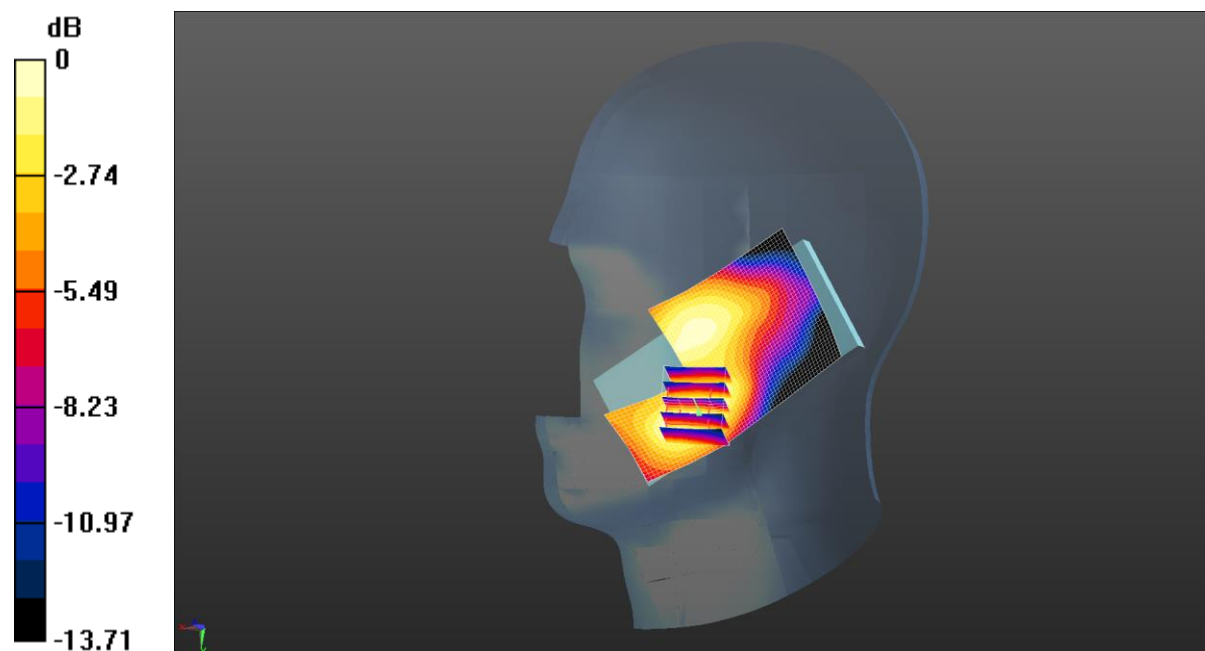**LTE Band 2 1RB Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.182 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.124 W/kg

0 dB = 0.124 W/kg = -9.07 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 09:08:00

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB Right Tilted/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0953 W/kg

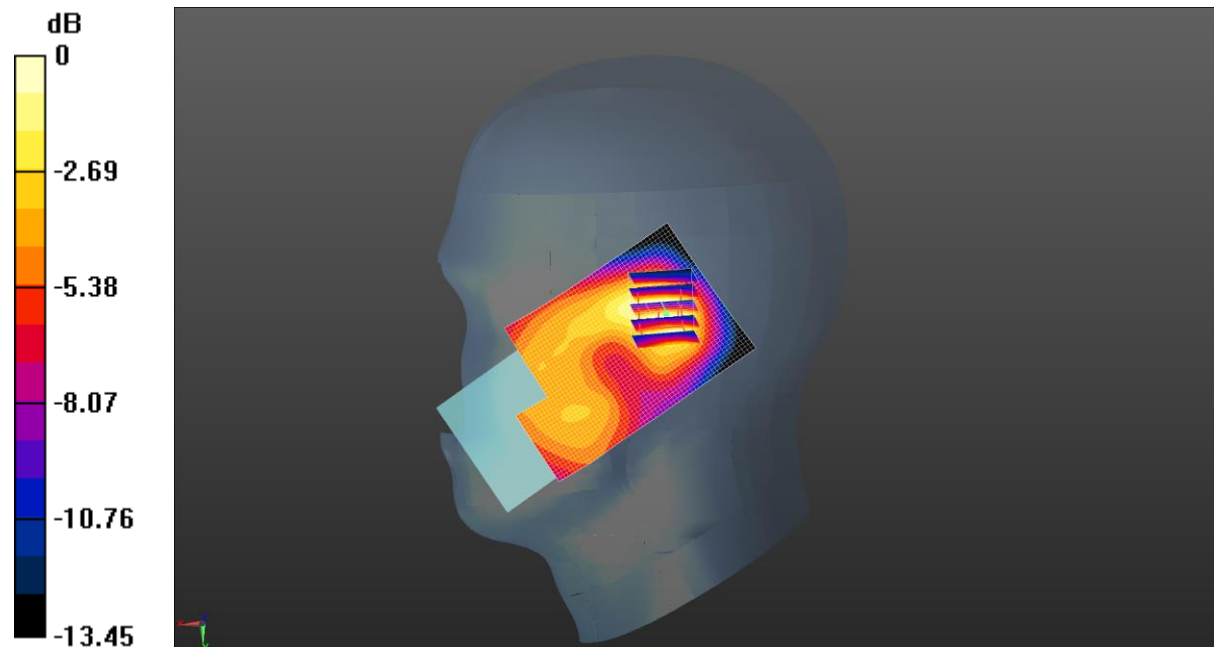**LTE Band 2 1RB Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.982 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.0833 W/kg

0 dB = 0.0833 W/kg = -10.79 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 09:43:38

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB Left cheek/Middle Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.196 W/kg

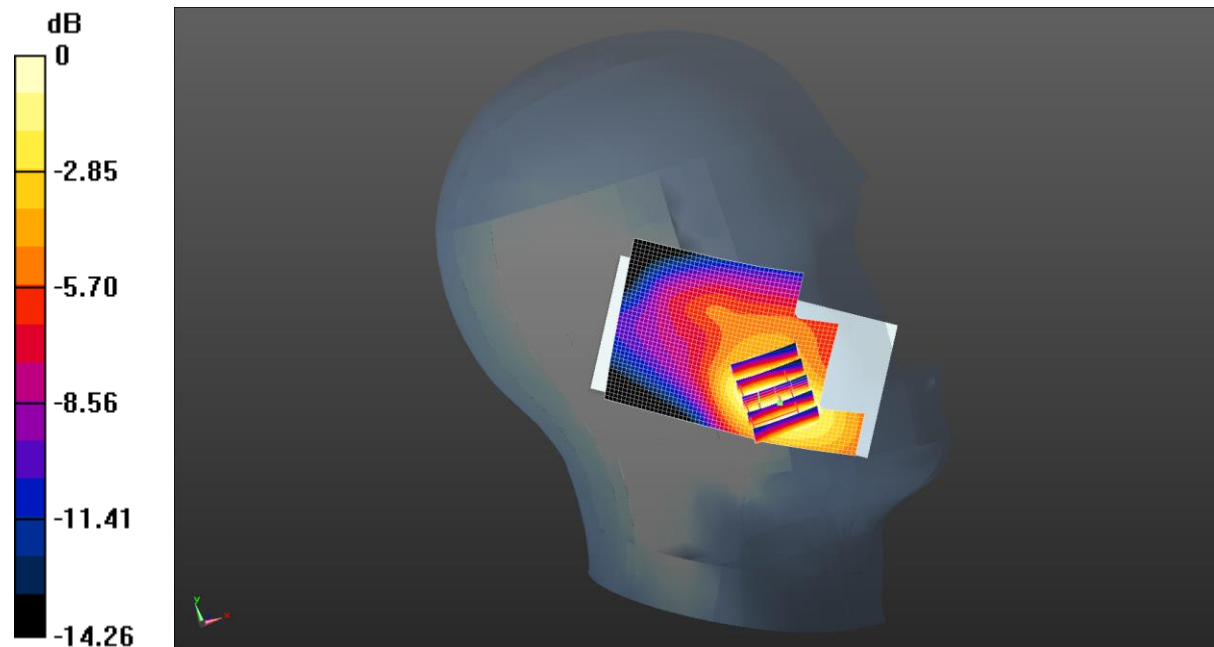**LTE Band 2 1RB Left cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

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

Reference Value = 4.480 V/m; Power Drift = 0.28 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.209 W/kg

0 dB = 0.209 W/kg = -6.80 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 09:26:15

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 1RB Left Tilted/Middle Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

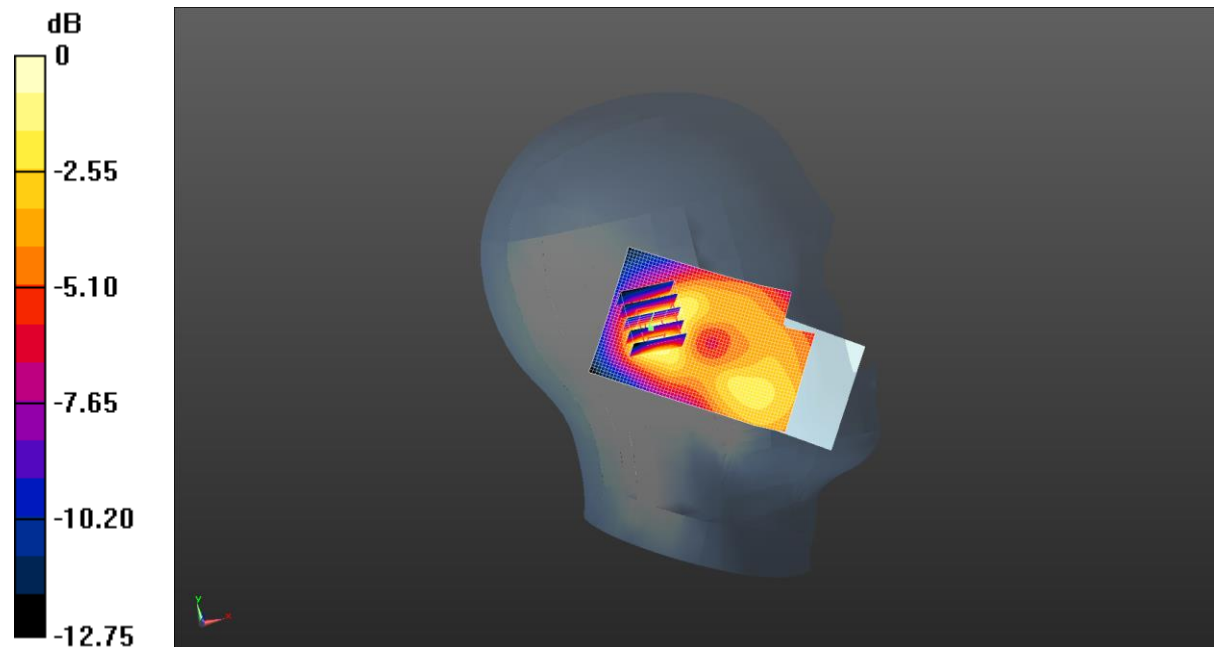**LTE Band 2 1RB Left Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

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

Reference Value = 7.220 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0662 W/kg

0 dB = 0.0662 W/kg = -11.79 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 20:16:34

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; $ε_r$ = 40.907; ρ = 1000 kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB Right Cheek/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.141 W/kg

LTE Band 4 1RB Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.547 V/m; Power Drift = 0.26 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.073 W/kg
Maximum value of SAR (measured) = 0.134 W/kg

0 dB = 0.134 W/kg = -8.73 dBW/kg

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; $ε_r$ = 40.907; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB Right Tilted/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.106 W/kg

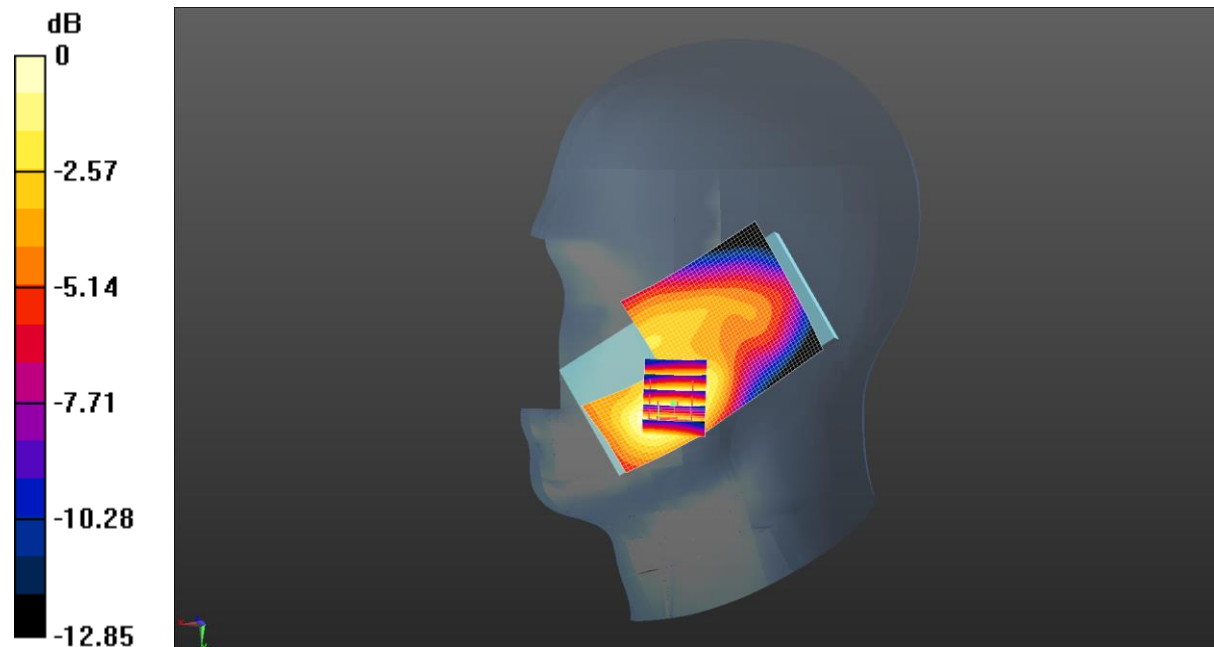## LTE Band 4 1RB Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.491 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0886 W/kg

0 dB = 0.0886 W/kg = -10.53 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 19:27:55

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5
MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; $ε_r$ = 40.907; ρ =
1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB Left Cheek/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.292 W/kg

LTE Band 4 1RB Left Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
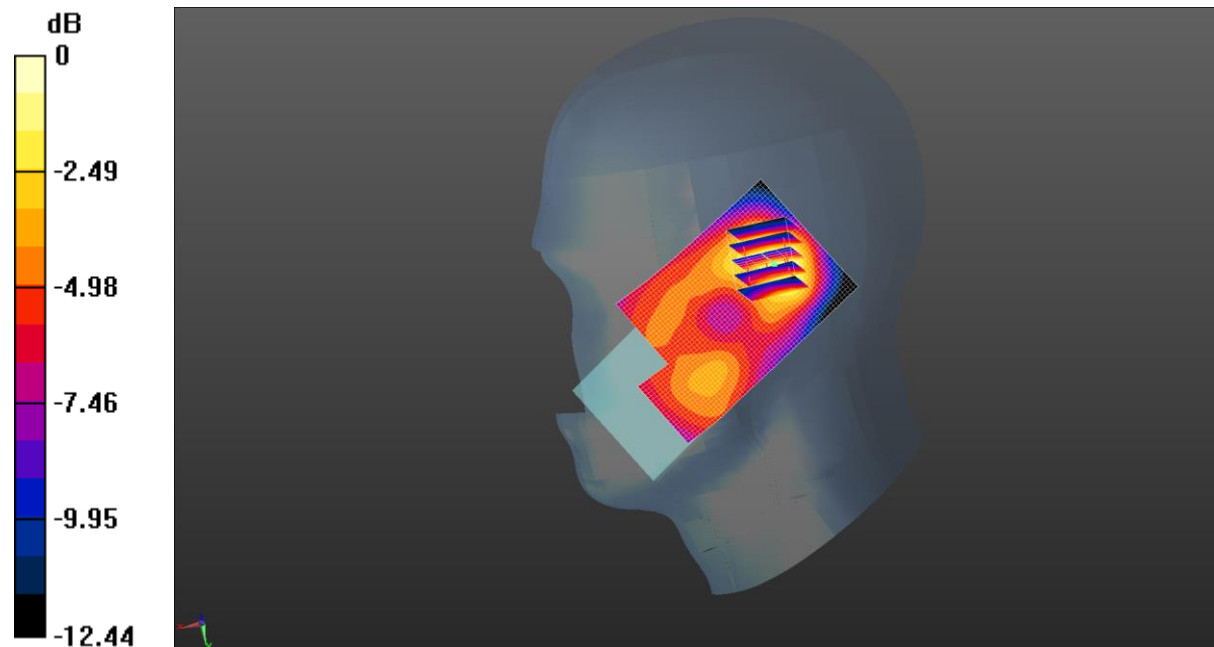Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.170 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.313 W/kg

0 dB = 0.313 W/kg = -5.04 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.06.2015 19:43:52

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; ε_r = 40.907; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 1RB Left Tilted/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0951 W/kg

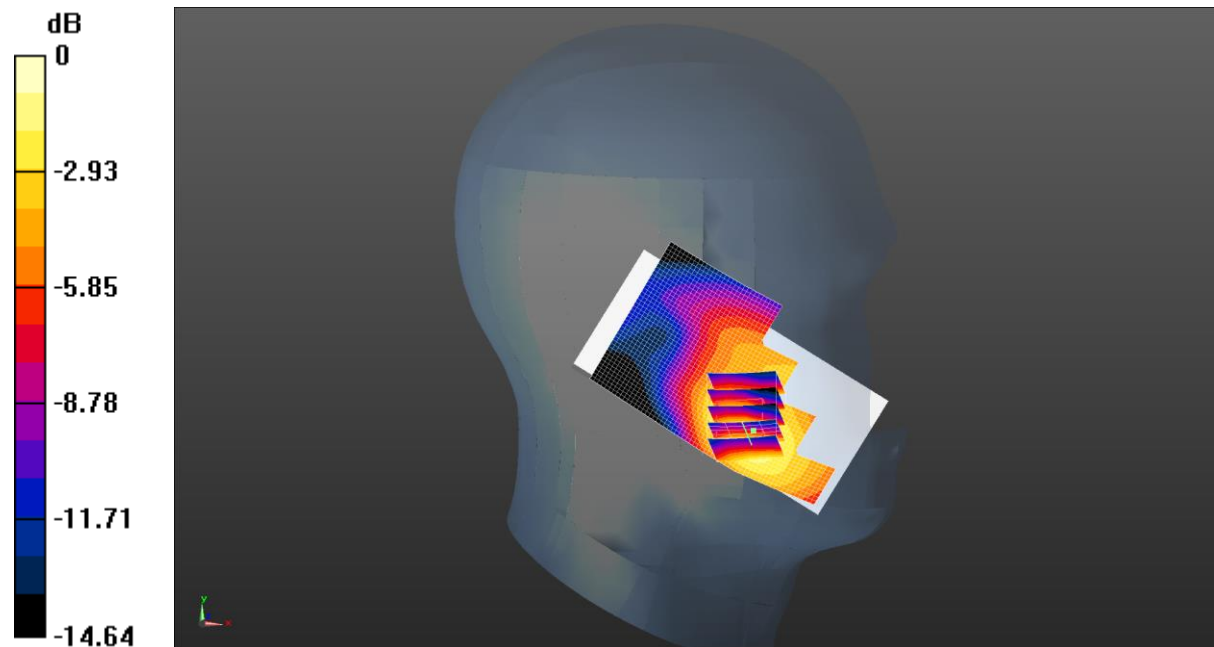**LTE Band 4 1RB Left Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.448 V/m; Power Drift = -0.34 dB
Peak SAR (extrapolated) = 0.0980 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.0817 W/kg

0 dB = 0.0817 W/kg = -10.88 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 15:59:18

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 10MHz QPSK (0); Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.861 S/m; $ε_r$ = 42.398; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.97, 9.97, 9.97); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 17 1RB Left Cheek/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0779 W/kg

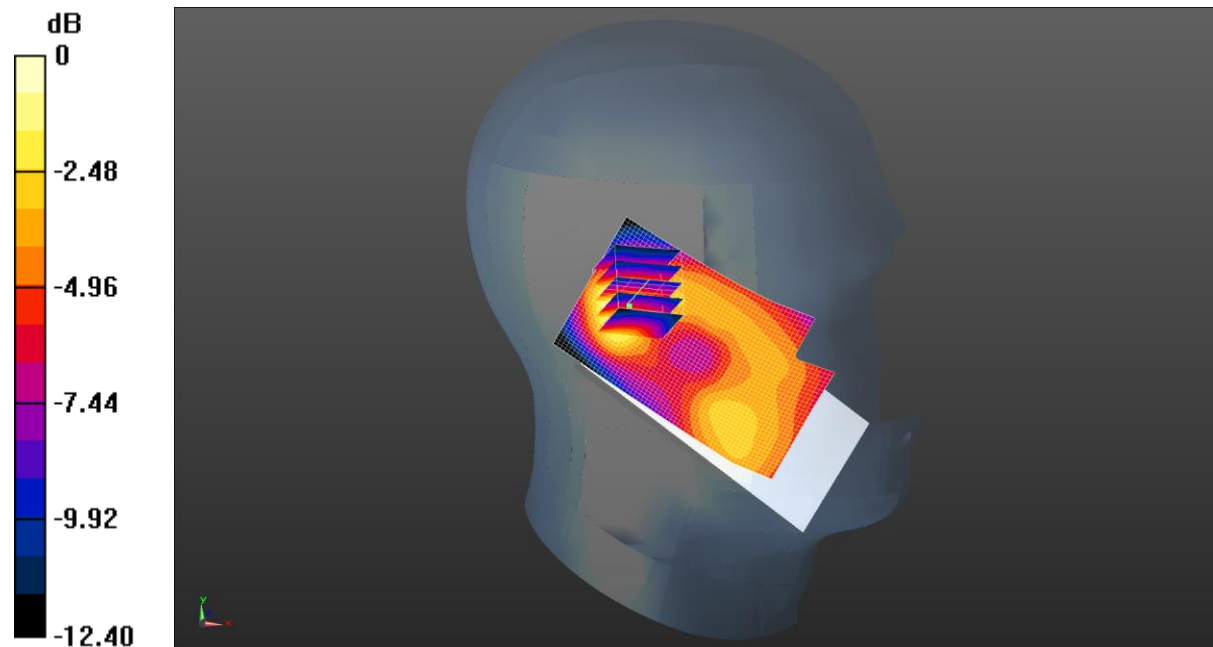**LTE Band 17 1RB Left Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.552 V/m; Power Drift = 0.26 dB
Peak SAR (extrapolated) = 0.0890 W/kg
SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.0801 W/kg

0 dB = 0.0801 W/kg = -10.96 dBW/kg

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DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 10MHz QPSK (0); Frequency: 711 MHz
Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.861$ S/m; $\varepsilon_r = 42.398$; $\rho = 1000$ kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.97, 9.97, 9.97); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 17 1RB Left Tilted/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0489 W/kg

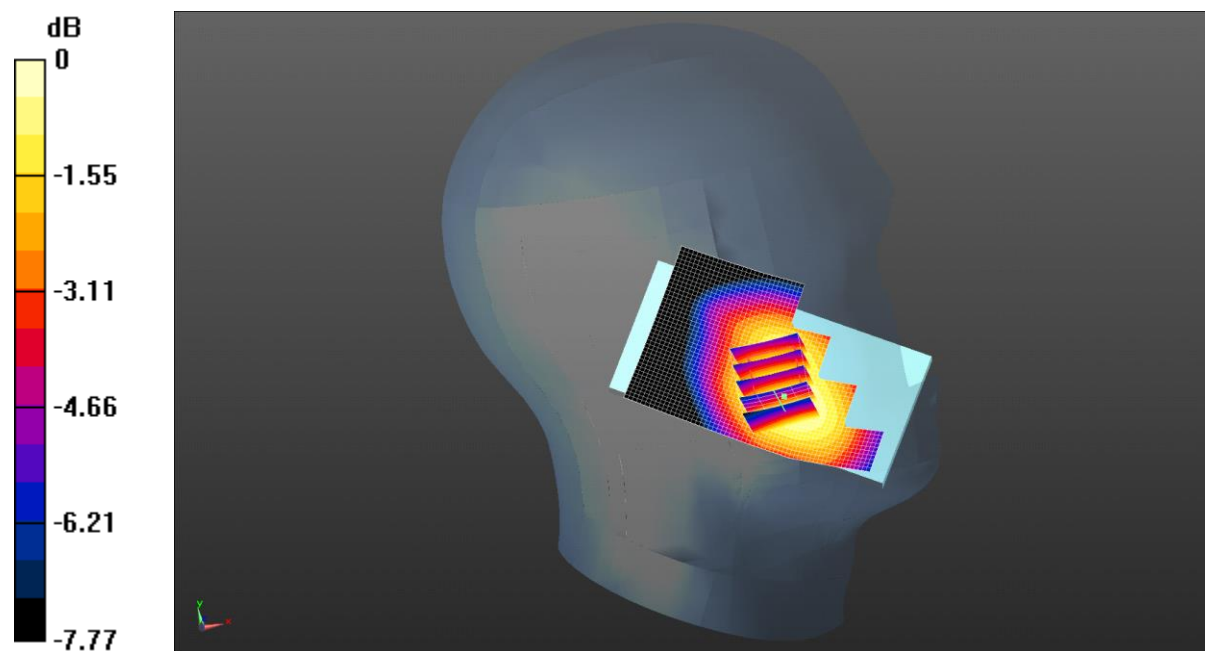**LTE Band 17 1RB Left Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.247 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.0510 W/kg

0 dB = 0.0510 W/kg = -12.92 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.07.2015 10:53:57

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB Right Cheek/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0998 W/kg

LTE Band 2 50%RB Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
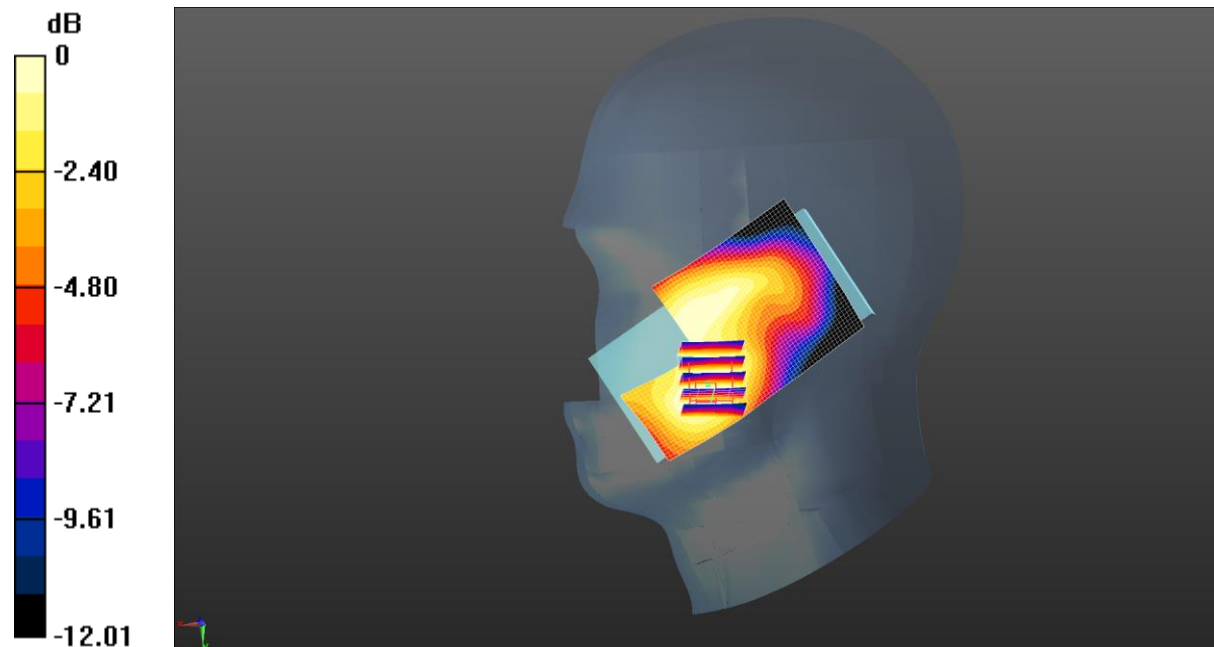Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.353 V/m; Power Drift = 0.34 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.0931 W/kg

0 dB = 0.0931 W/kg = -10.31 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.07.2015 10:39:19

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB Right Tilted/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0860 W/kg

LTE Band 2 50%RB Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
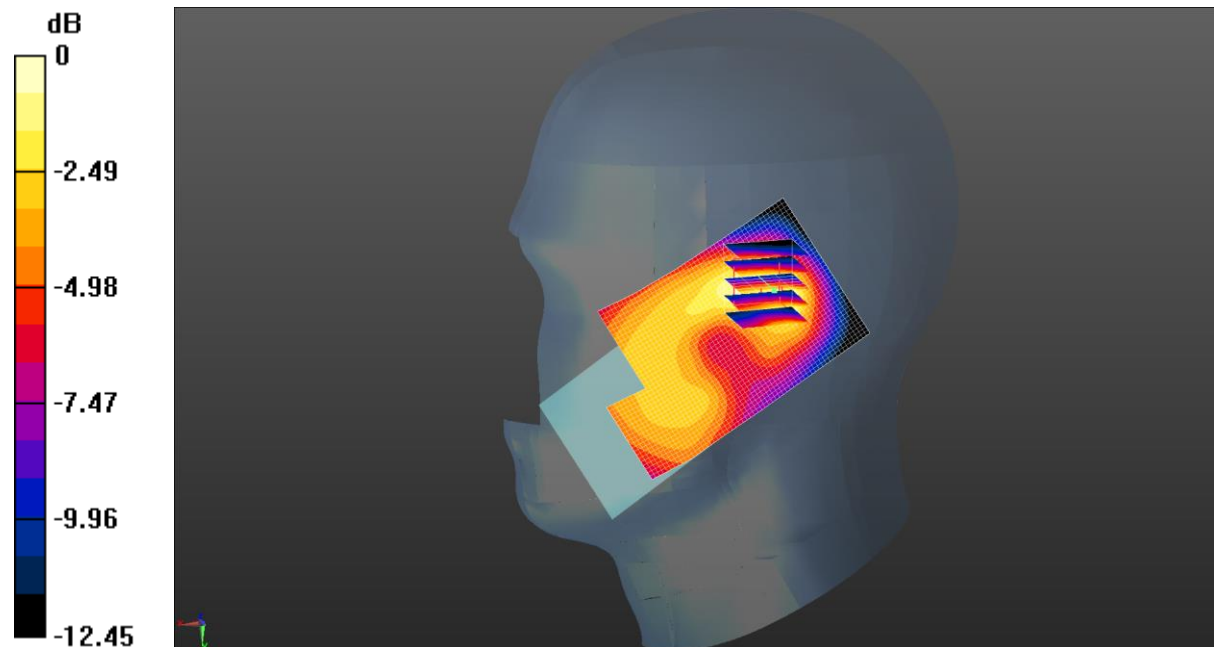Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.509 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0960 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.0739 W/kg

0 dB = 0.0739 W/kg = -11.31 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 10:01:40

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; ε_r = 40.047; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB Left cheek/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.215 W/kg

LTE Band 2 50%RB Left cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
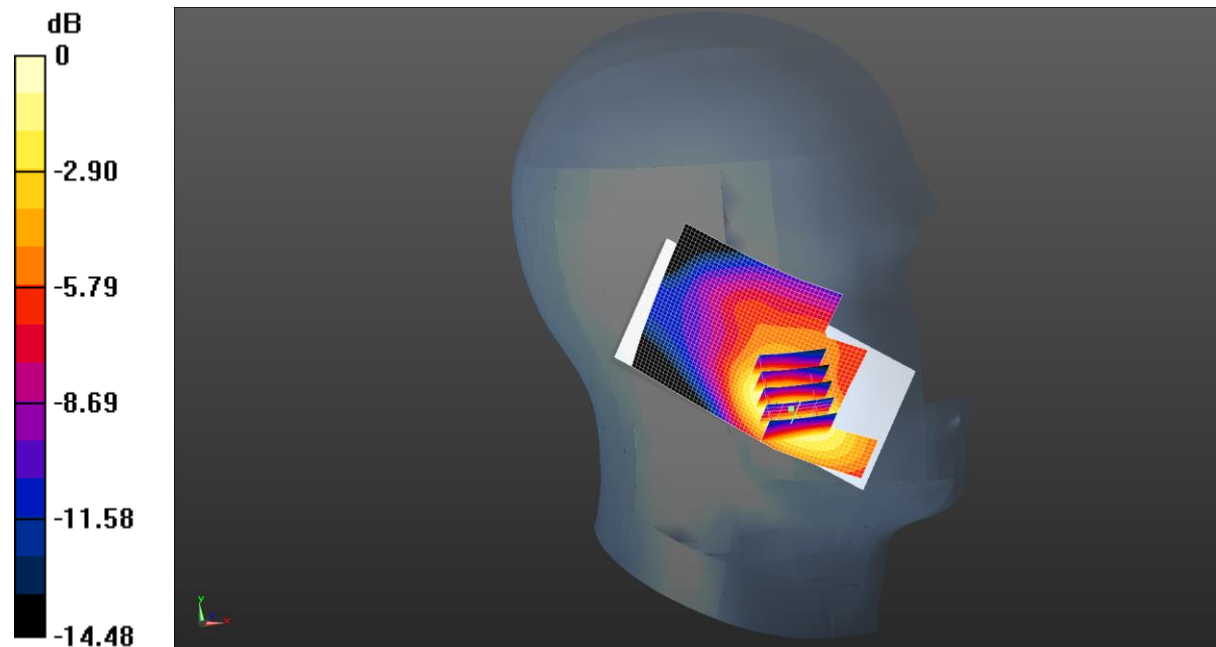Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.397 V/m; Power Drift = 0.27 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.224 W/kg

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

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Test Laboratory: CCIS   Date/Time: 04.07.2015 10:16:31

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.382 S/m; $ε_r$ = 40.047; ρ = 1000 kg/m^3

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.03, 8.03, 8.03); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 2 50%RB Left Tilted/Middle Channel/Area Scan (41x61x1):

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

Maximum value of SAR (interpolated) = 0.0743 W/kg

LTE Band 2 50%RB Left Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

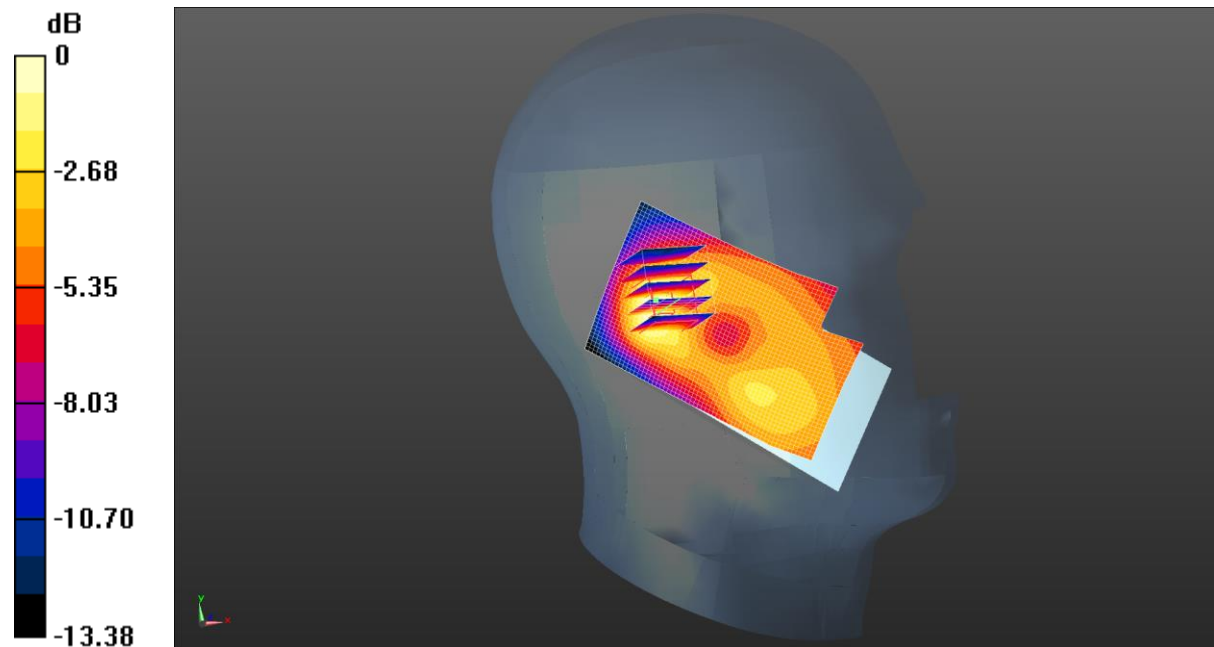Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.267 V/m; Power Drift = 0.32 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0705 W/kg

0 dB = 0.0705 W/kg = -11.52 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 18:28:03

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency:
1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; ε_r = 40.907; ρ =
1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB Right Cheek/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.216 W/kg

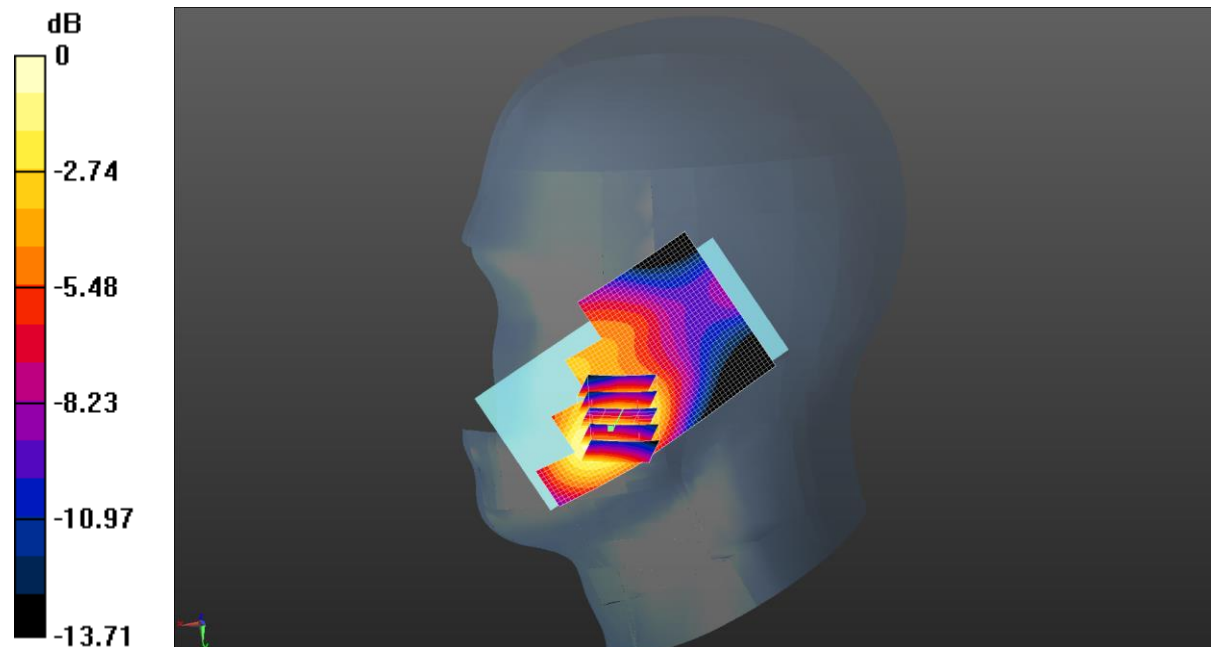## LTE Band 4 50%RB Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.739 V/m; Power Drift = 0.35 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.207 W/kg

0 dB = 0.207 W/kg = -6.84 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 18:42:46

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; ε_r = 40.907; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB Right Tilted/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0673 W/kg

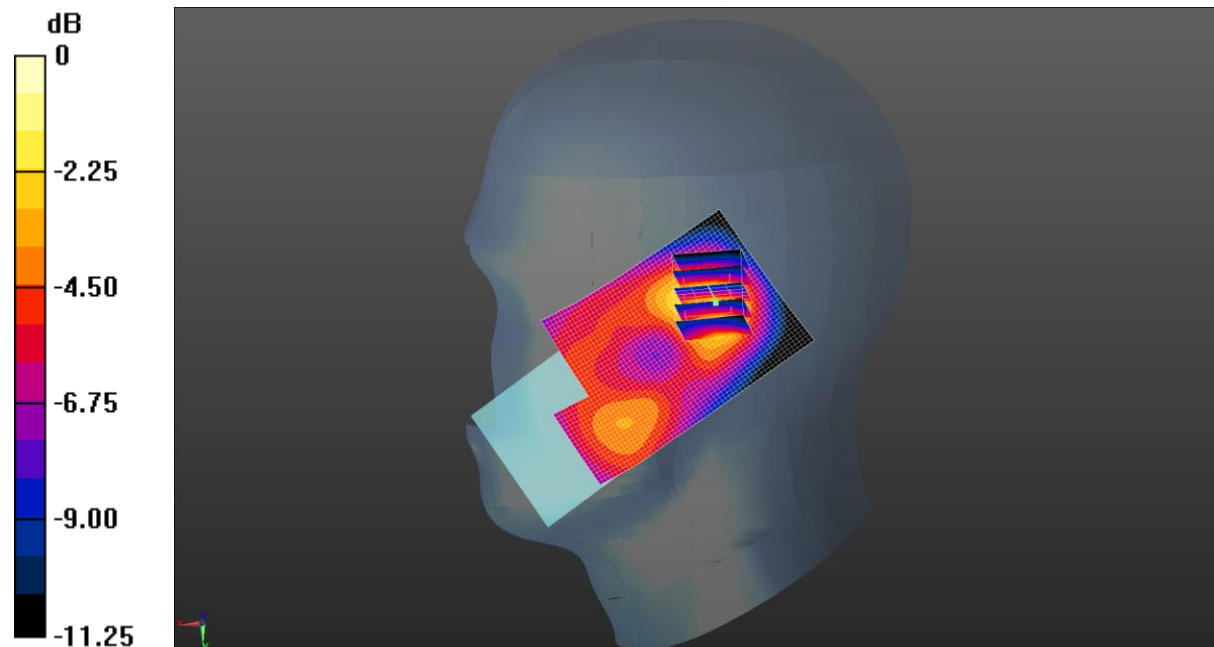## LTE Band 4 50%RB Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.926 V/m; Power Drift = 0.23 dB
Peak SAR (extrapolated) = 0.0810 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0671 W/kg

0 dB = 0.0671 W/kg = -11.73 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.06.2015 19:13:34

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; $ε_r$ = 40.907; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB Left Cheek/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.254 W/kg

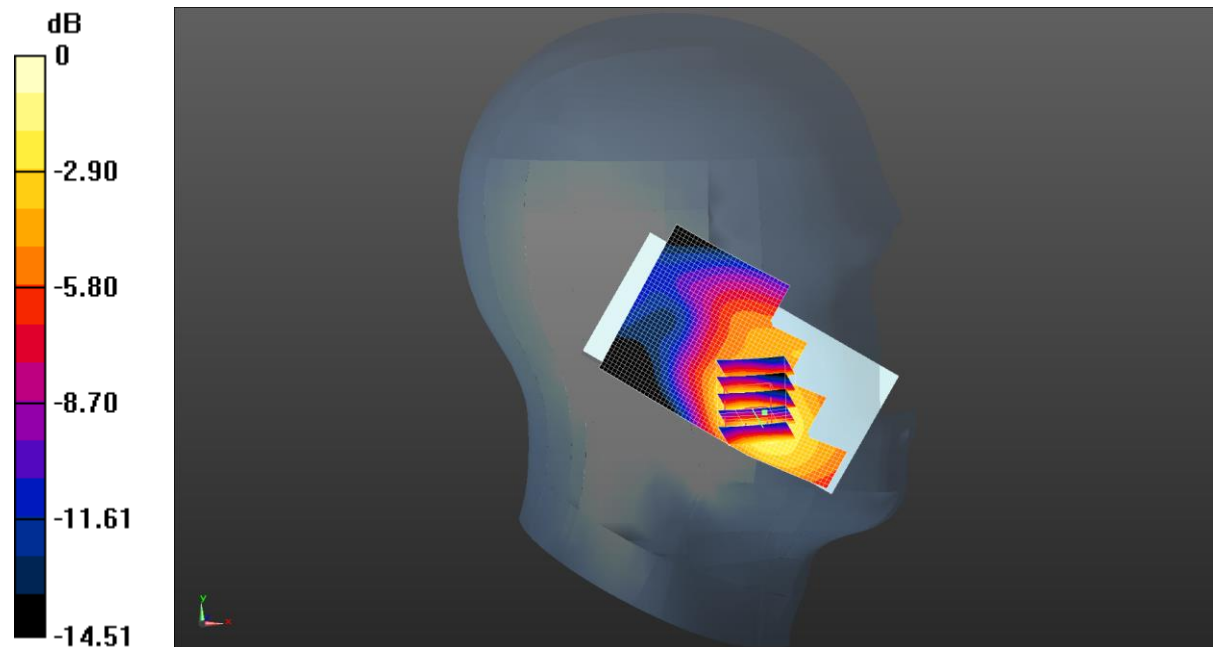## LTE Band 4 50%RB Left Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.139 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 0.280 W/kg

0 dB = 0.280 W/kg = -5.53 dBW/kg

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DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.397 S/m; ε_r = 40.907; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.49, 8.49, 8.49); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 4 50%RB Left Tilted/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0748 W/kg

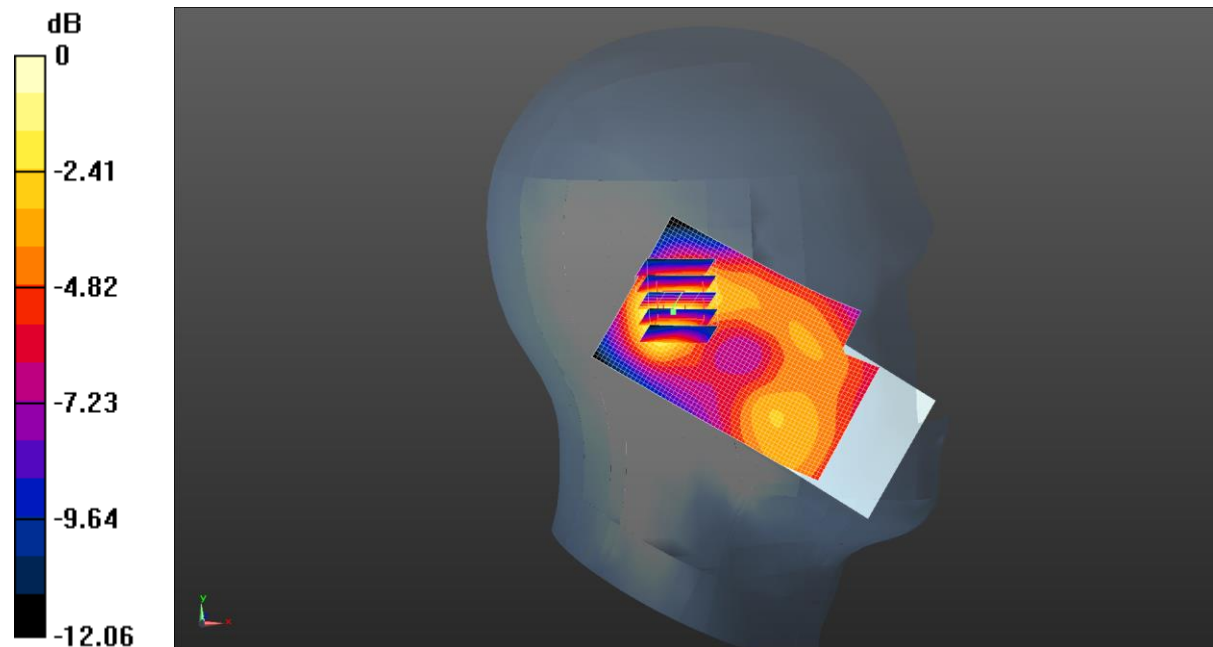## LTE Band 4 50%RB Left Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.804 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0820 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0671 W/kg

0 dB = 0.0671 W/kg = -11.73 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.07.2015 14:55:54

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.861 S/m; $ε_r$ = 42.398; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.97, 9.97, 9.97); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 17 50%RB Right Cheek/High Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0497 W/kg

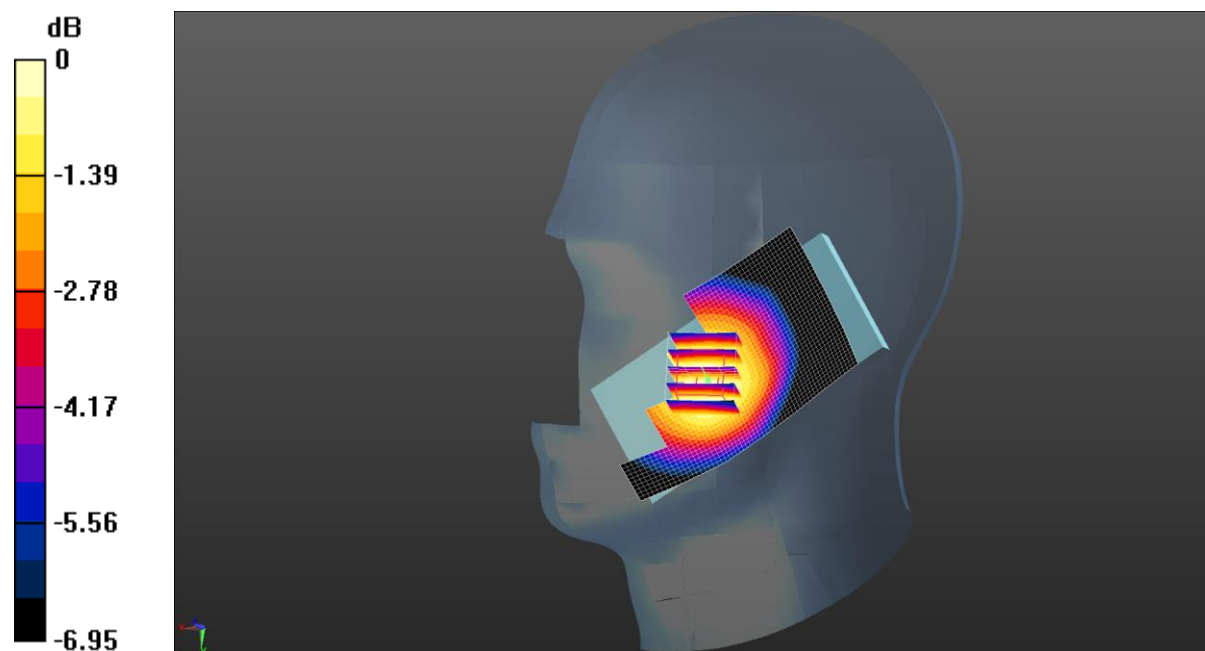## LTE Band 17 50%RB Right Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.626 V/m; Power Drift = 0.27 dB
Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.0526 W/kg

0 dB = 0.0526 W/kg = -12.79 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.07.2015 15:10:26

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.861 S/m; $ε_r$ = 42.398; ρ = 1000 kg/m^3
Phantom section: Right Section
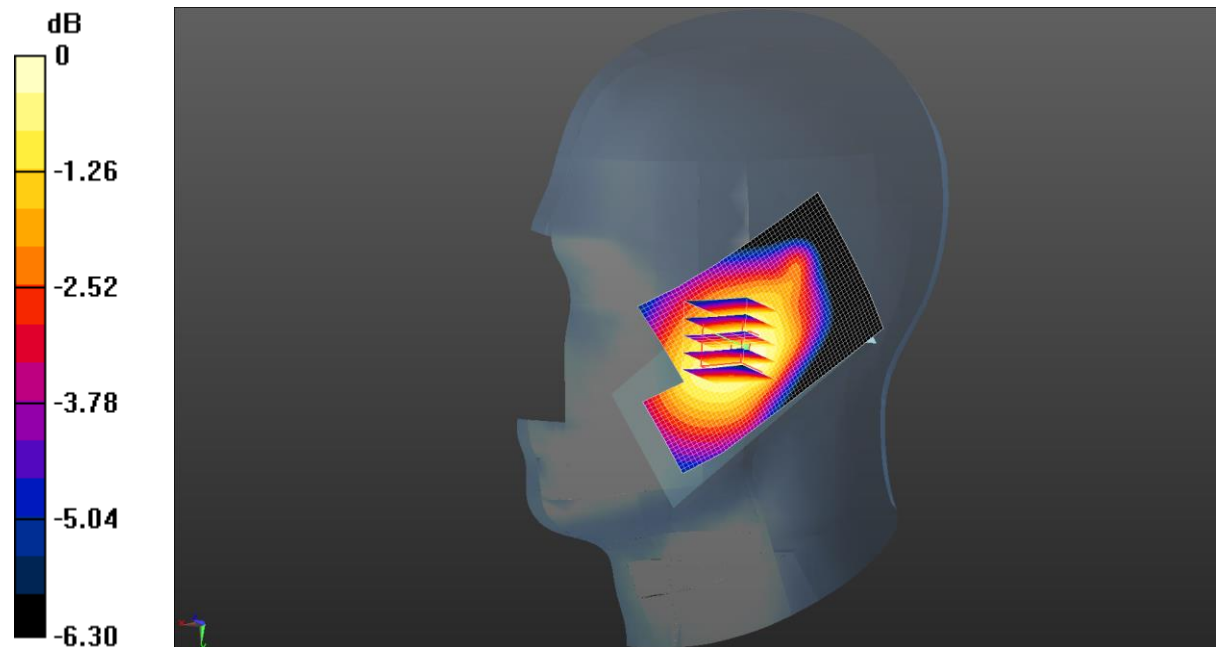Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.97, 9.97, 9.97); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 17 50%RB Right Tilted/High Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0316 W/kg

LTE Band 17 50%RB Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.210 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 0.0350 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0325 W/kg

0 dB = 0.0325 W/kg = -14.88 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 15:41:40

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.861 S/m; ε_r = 42.398; ρ = 1000 kg/m^3
Phantom section: Left Section
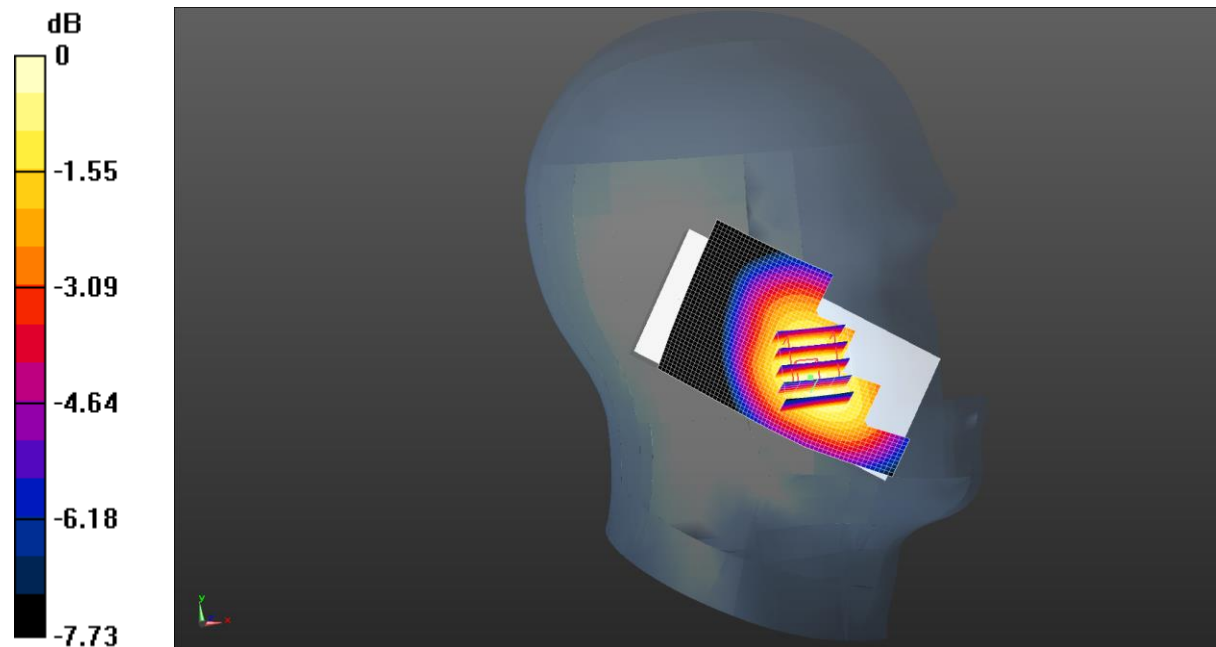Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.97, 9.97, 9.97); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 17 50%RB Left Cheek/High Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0618 W/kg

LTE Band 17 50%RB Left Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.077 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0750 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.0655 W/kg

0 dB = 0.0655 W/kg = -11.84 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 15:26:04

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.861 S/m; ε_r = 42.398; ρ = 1000 kg/m^3
Phantom section: Left Section
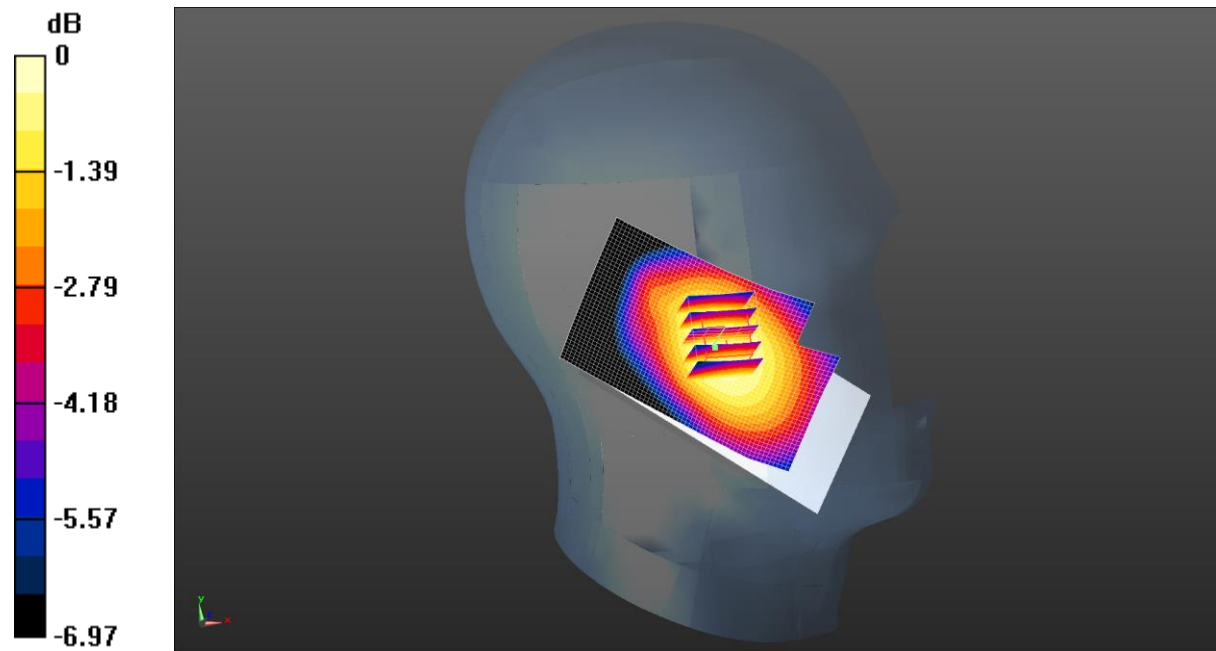Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.97, 9.97, 9.97); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 17 50%RB Left Tilted/High Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0382 W/kg

LTE Band 17 50%RB Left Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.225 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 0.0400 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0376 W/kg

0 dB = 0.0376 W/kg = -14.25 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 14:24:08

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.838 S/m; $ε_r$ = 38.256; ρ = 1000 kg/m^3
Phantom section: Right Section
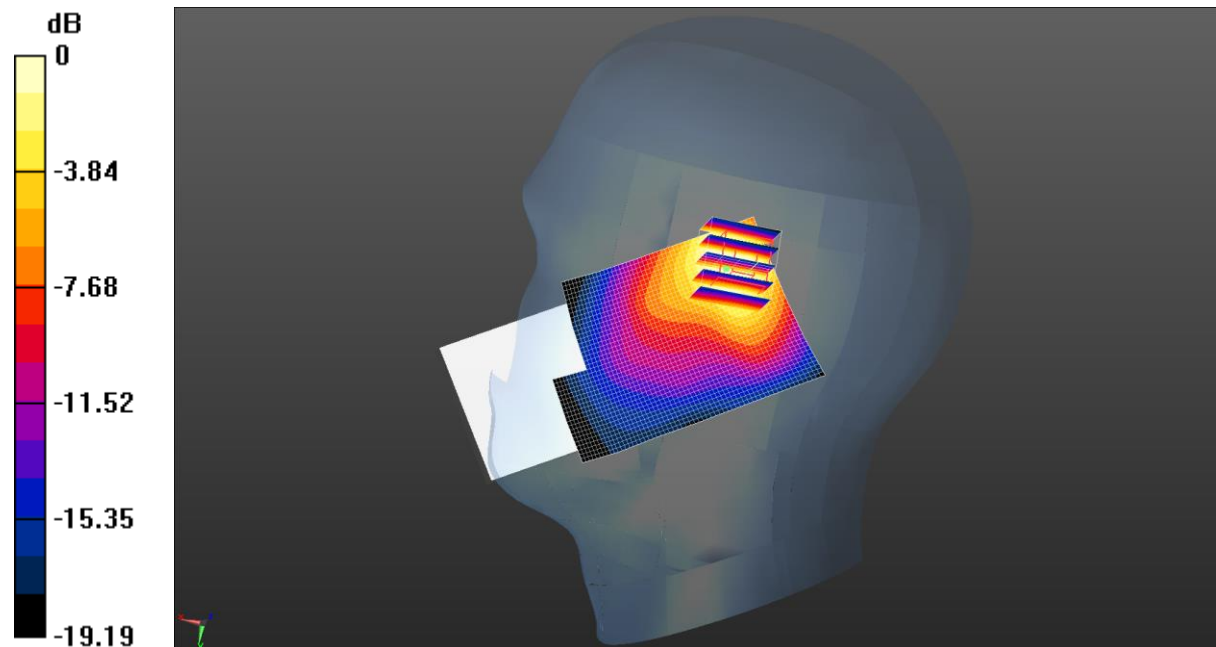Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=5m, dy=5m, dz=5mm
Reference Value = 13.345 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.396 W/kg
Maximum value of SAR (measured) = 1.24 W/kg

WIFI Right Cheek/Middle Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.2mm, dy=1.2mm
Maximum value of SAR (interpolated) = 1.02 W/kg

0 dB = 1.02 W/kg = 0.09 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 15:26:12

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2412 MHz
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.721 S/m; ε_r = 37.981; ρ = 1000 kg/m^3
Phantom section: Right Section
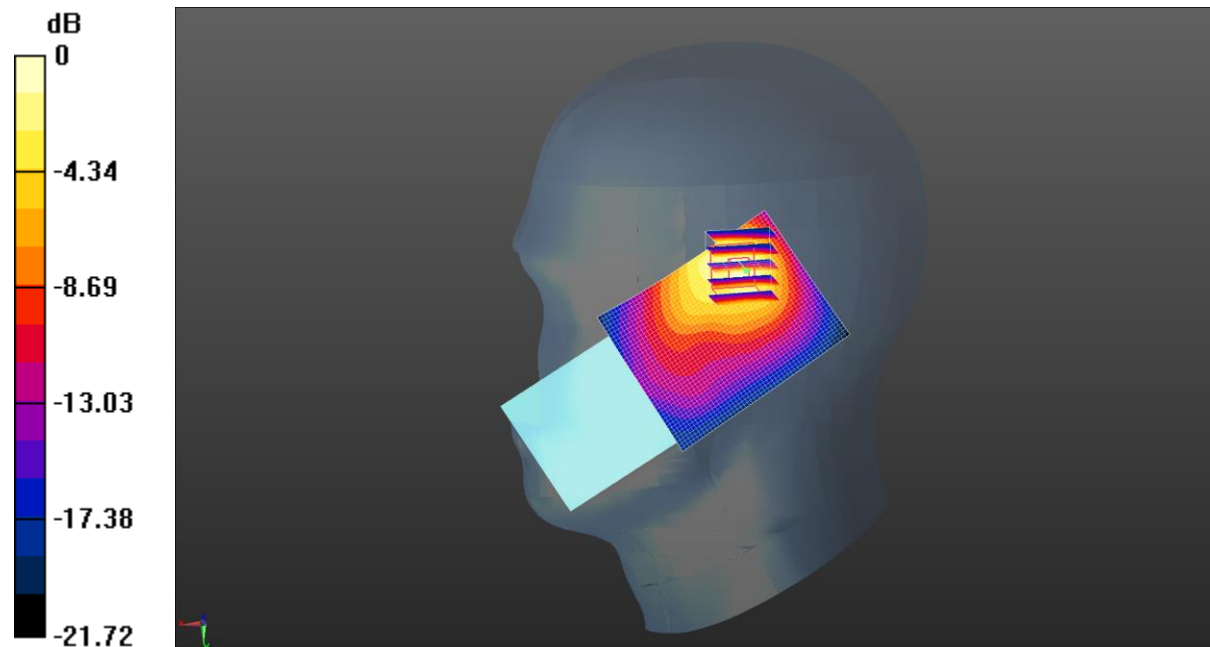Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=5m, dy=5m, dz=5mm
Reference Value = 13.664 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 0.845 W/kg

WIFI Right Cheek/Low Channel/Area Scan (41x51x1): Interpolated grid:
dx=1.200mm, dy=1.2mm
Maximum value of SAR (interpolated) = 0.767 W/kg

0 dB = 0.767 W/kg = -1.15 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 15:43:51

DUT: LTE mobile phone; Type: X3; 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; σ = 1.844 S/m; ε_r = 39.387; ρ = 1000 kg/m^3
Phantom section: Right Section
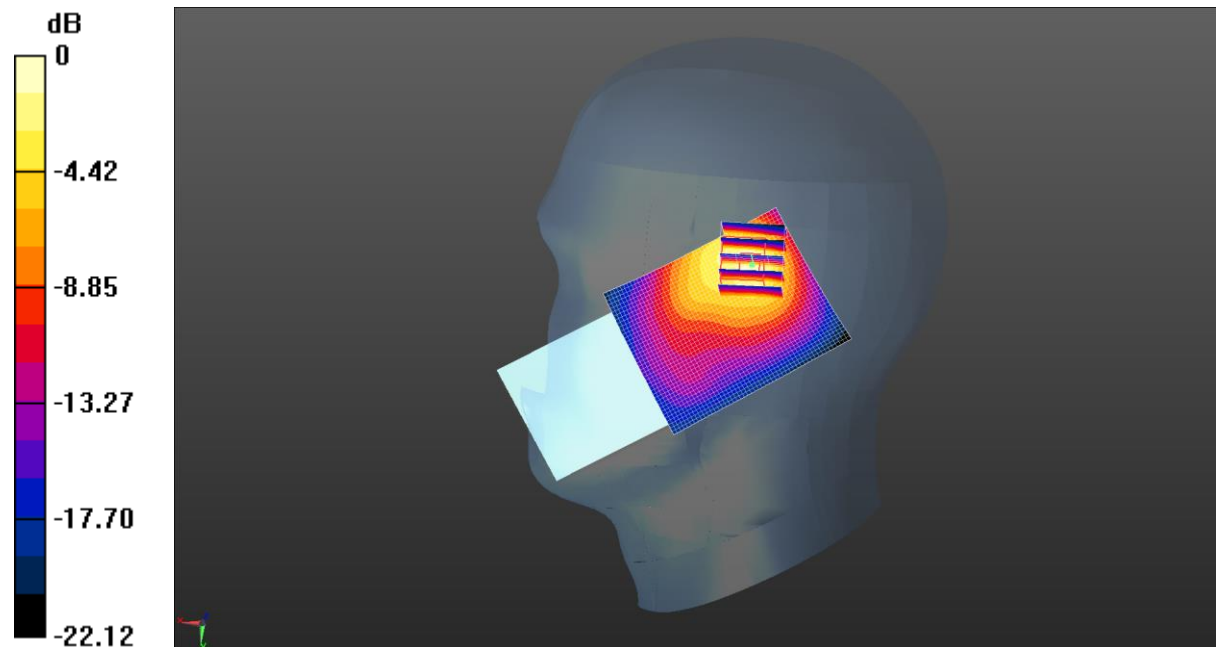Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI High Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.025 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.420 W/kg
Maximum value of SAR (measured) = 1.49 W/kg

WIFI High Cheek/High Channel/Area Scan (41x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

0 dB = 1.39 W/kg = 1.43 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 16:03:06

DUT: LTE mobile phone; Type: X3; 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; σ = 1.844 S/m; ε_r = 39.387; ρ = 1000 kg/m^3
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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI High Cheek Repeat/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.826 V/m; Power Drift = 0.07 dB
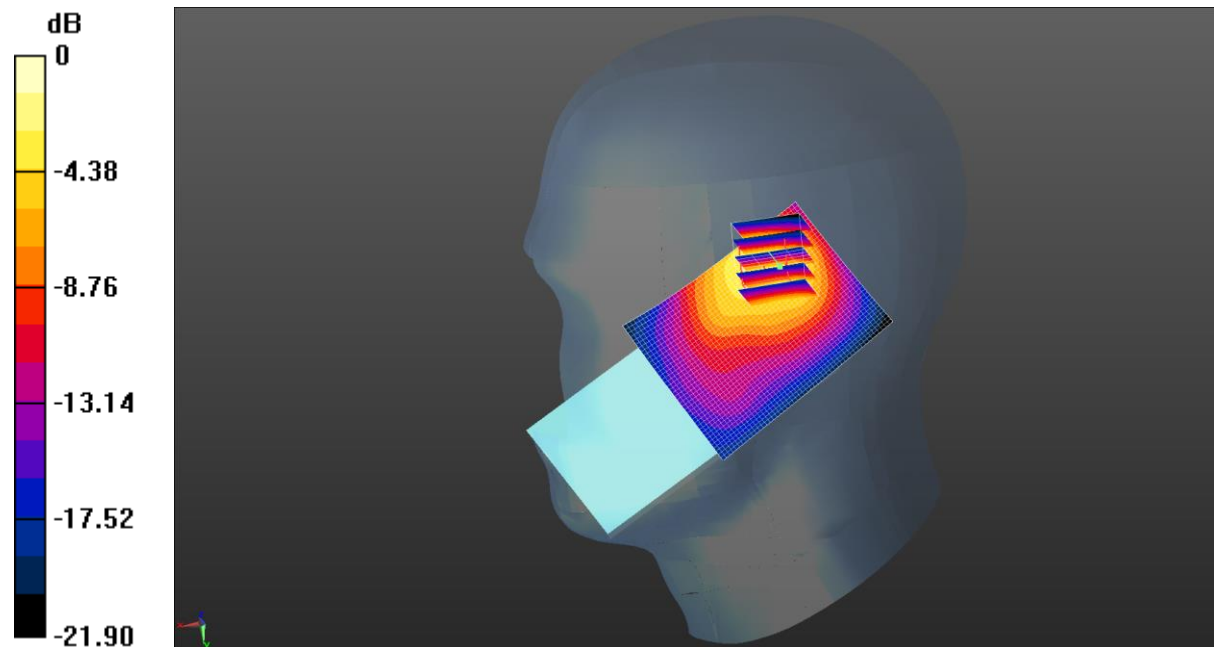Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.49 W/kg

WIFI High Cheek Repeat/High Channel/Area Scan (41x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

0 dB = 1.39 W/kg = 1.43 dBW/kg

Test Laboratory: CCIS

Date/Time: 04.03.2015 14:43:09

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.838$ S/m; $\varepsilon_r = 38.256$; $\rho = 1000$ kg/m^3
Phantom section: Right Section
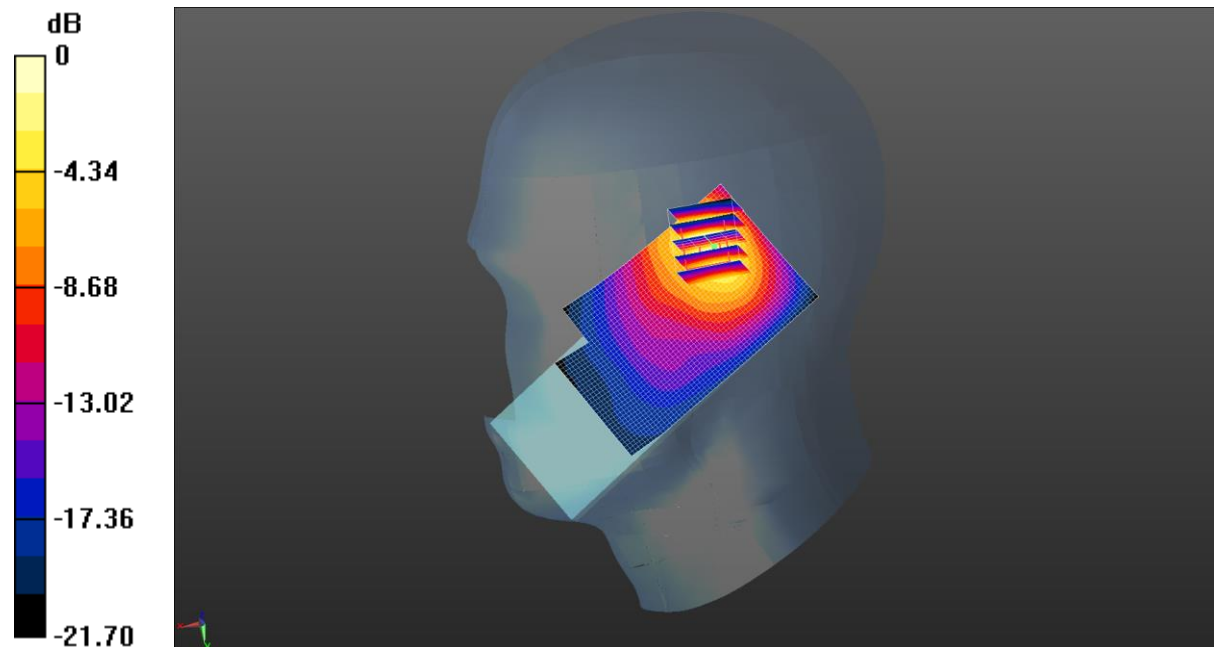Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5m, dy=5m, dz=5mm
Reference Value = 17.189 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.362 W/kg
Maximum value of SAR (measured) = 1.31 W/kg

WIFI Right Tilted/Middle Channel/Area Scan (41x61x1): Interpolated grid: dx=1.2mm, dy=1.2mm
Maximum value of SAR (interpolated) = 1.31 W/kg

0 dB = 1.31 W/kg = 1.17 dBW/kg

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No.B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,
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Test Laboratory: CCIS   Date/Time: 04.03.2015 15:01:29

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.838 S/m; ε_r = 38.256; ρ = 1000 kg/m^3
Phantom section: Left Section
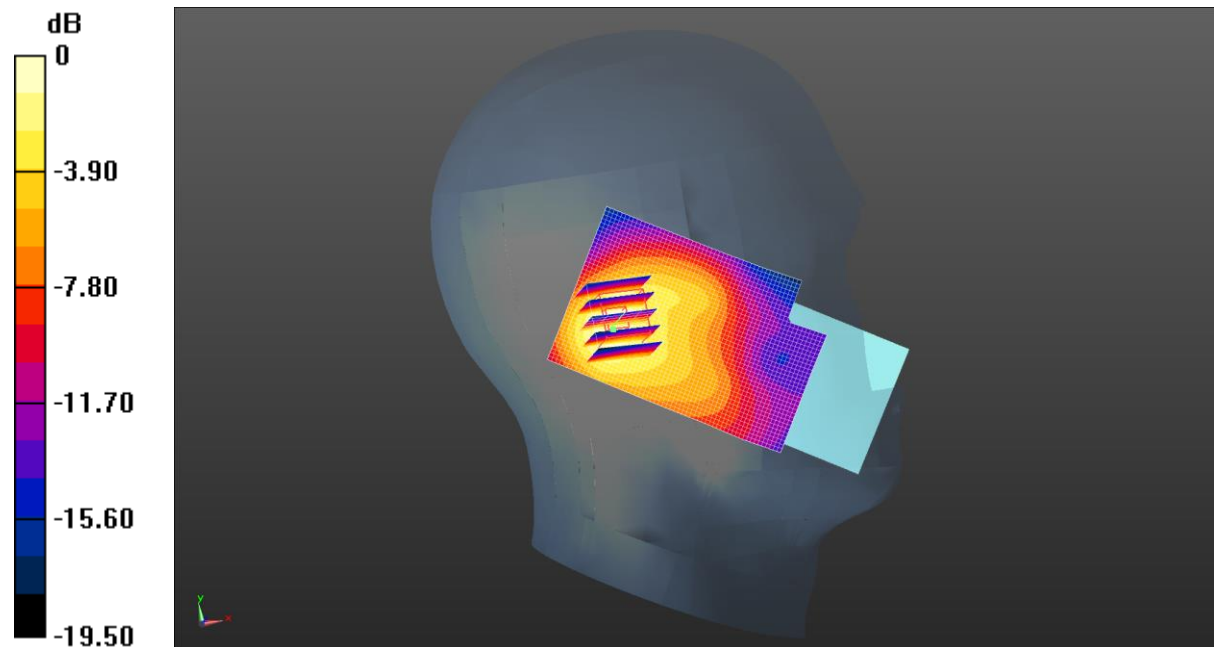Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Left Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5m, dy=5m, dz=5mm
Reference Value = 15.873 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.633 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.493 W/kg

WIFI Left Cheek/Middle Channel/Area Scan (41x61x1): Interpolated grid: dx=1.2m, dy=1.2mm
Maximum value of SAR (interpolated) = 0.560 W/kg

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

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.838 S/m; ε_r = 38.256; ρ = 1000 kg/m^3
Phantom section: Left Section
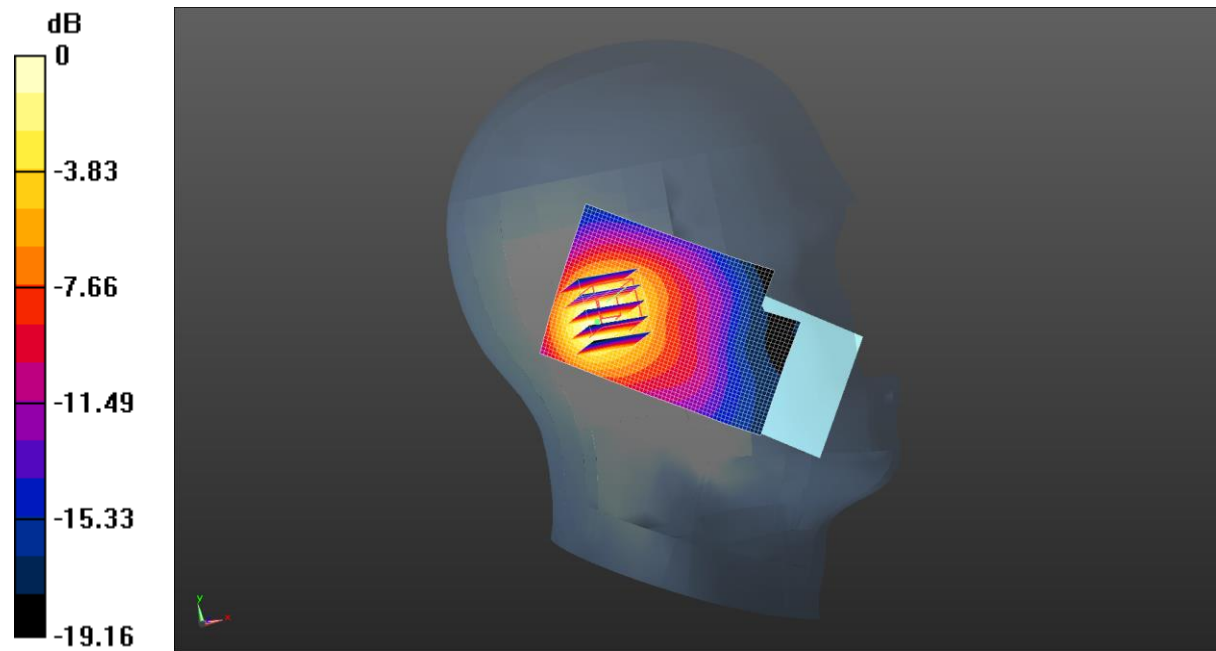Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Left Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5m, dy=5m, dz=5mm
Reference Value = 17.809 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 0.603 W/kg

WIFI Left Tilted/Middle Channel/Area Scan (41x61x1): Interpolated grid: dx=1.2mm, dy=1.2mm
Maximum value of SAR (interpolated) = 0.611 W/kg

0 dB = 0.611 W/kg = -2.14 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.21.2015 15:26:23

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz
Medium parameters used: f = 848.8 MHz; σ = 0.954 S/m; ε_r = 54.102; ρ = 1000 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)

GSM 850 Body Front/High Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.436 W/kg

GSM 850 Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
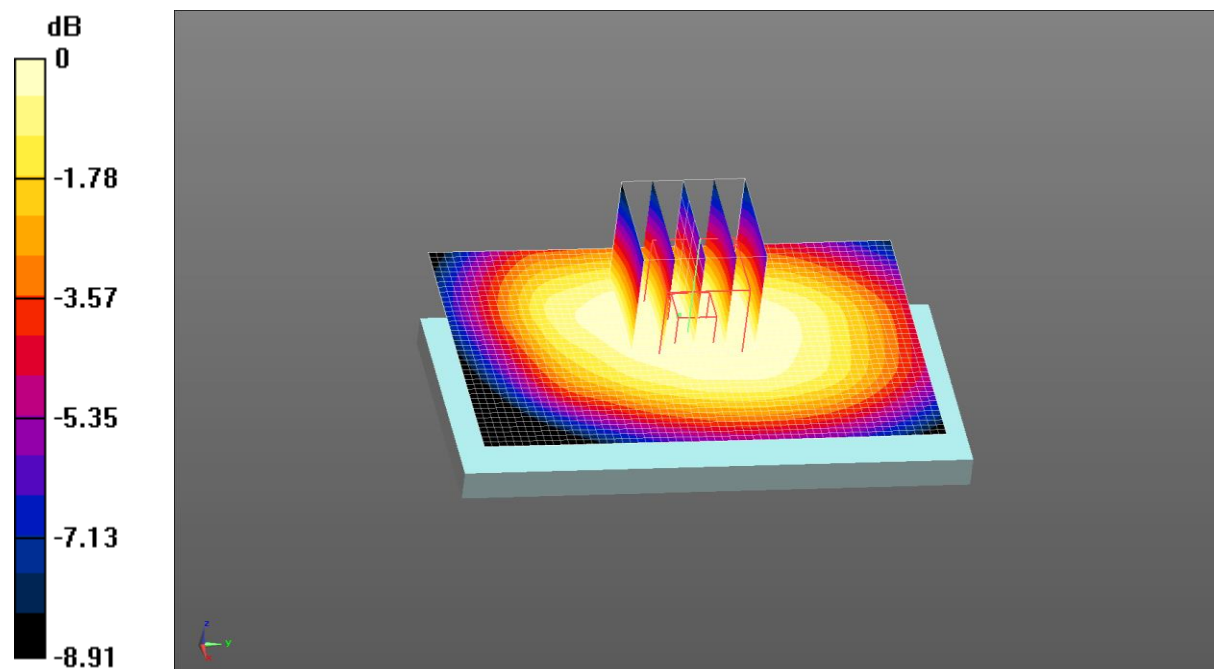grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.786 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.430 W/kg

0 dB = 0.430 W/kg = -3.67 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.21.2015 15:11:39

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 848.8 MHz
Medium parameters used: f = 848.8 MHz; σ = 0.954 S/m; ε_r = 54.102; ρ = 1000 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)

GSM 850 Body Back/High Channel/Area Scan (41x61x1): Interpolated grid:
dx=2.000 mm, dy=2.000 mm
Maximum value of SAR (interpolated) = 0.492 W/kg

GSM 850 Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
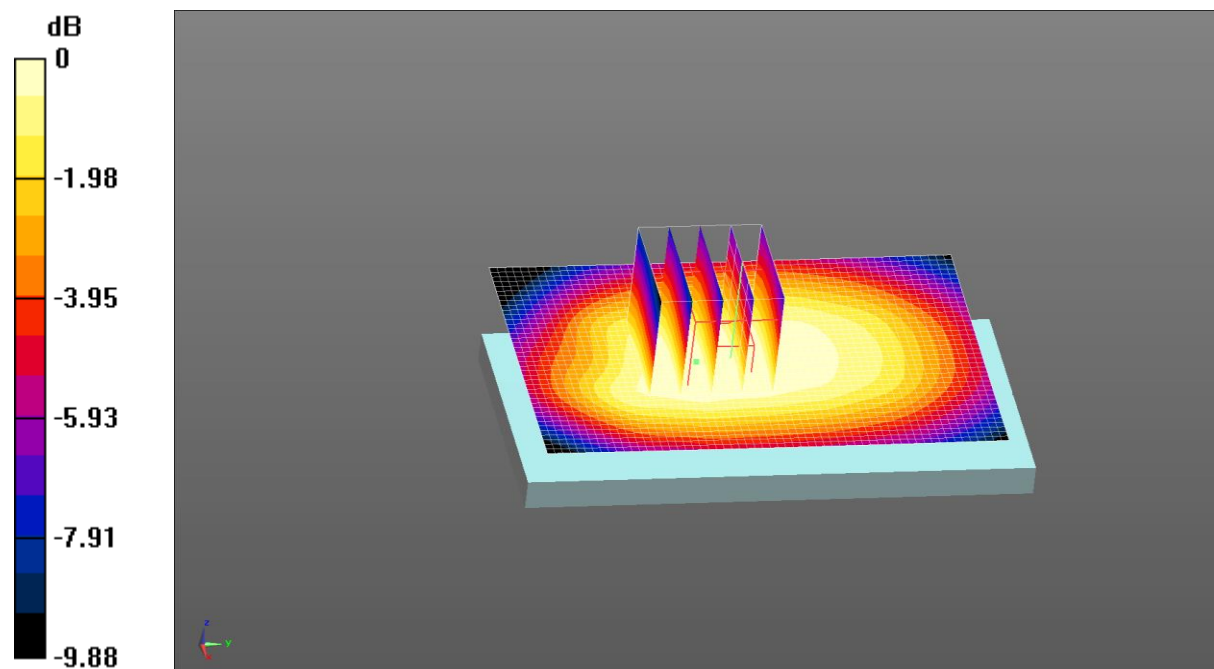grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.928 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.483 W/kg

0 dB = 0.483 W/kg = -3.16 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 15:32:08

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.475 S/m; $ε_r$ = 51.154; ρ = 1000 kg/m^3
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) = 0.0253 W/kg

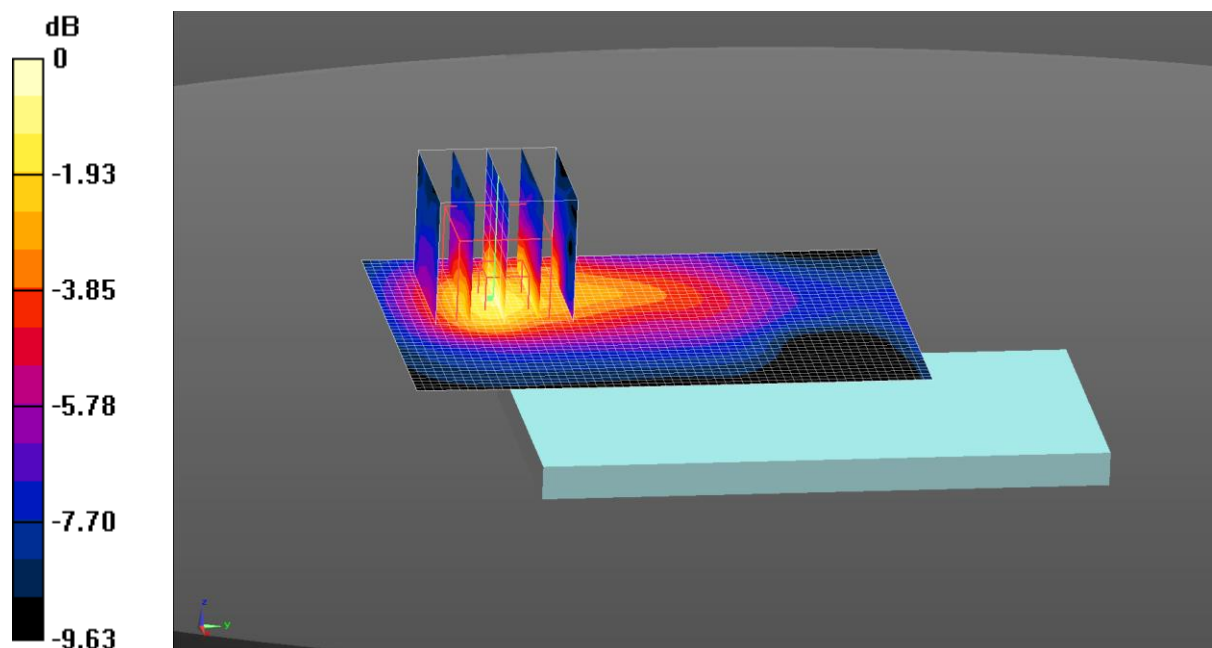**GSM 1900 Body Front/Low Channel/Zoom Scan (5x5x7)/Cube 0:** Measurement
grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.902 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0330 W/kg

0 dB = 0.0330 W/kg = -14.81 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 15:45:08

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 51.154; ρ = 1000 kg/m^3
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) = 0.0332 W/kg

GSM 1900 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
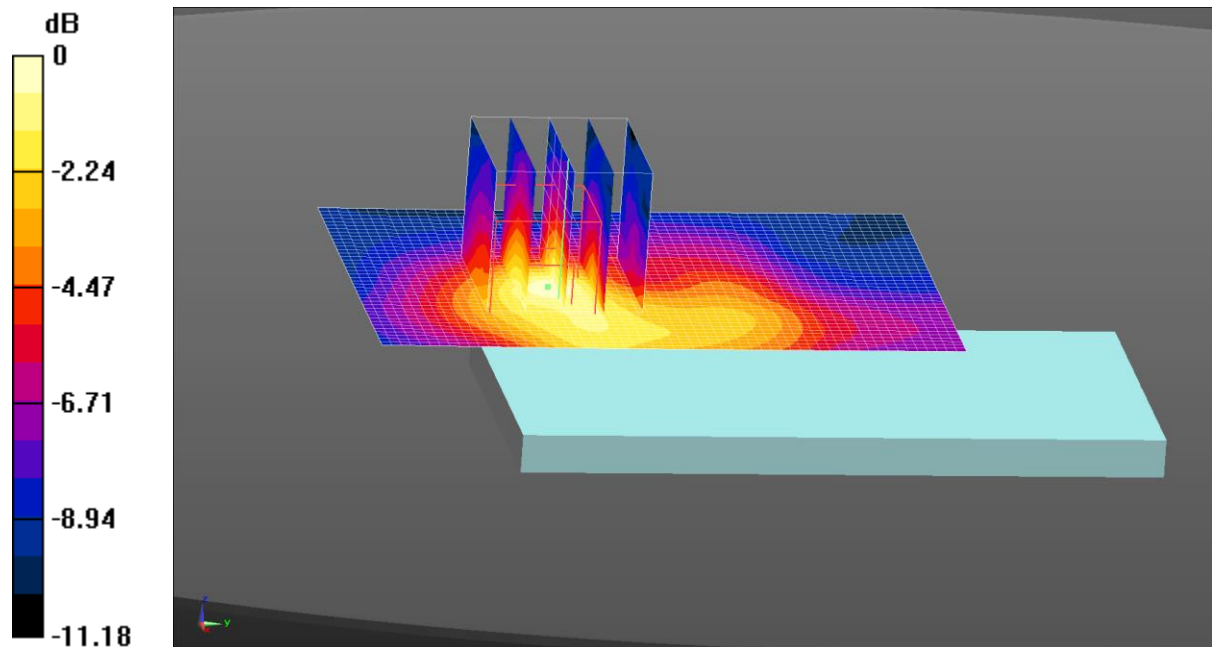Reference Value = 3.027 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0351 W/kg

0 dB = 0.0351 W/kg = -14.55 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.21.2015 16:00:20
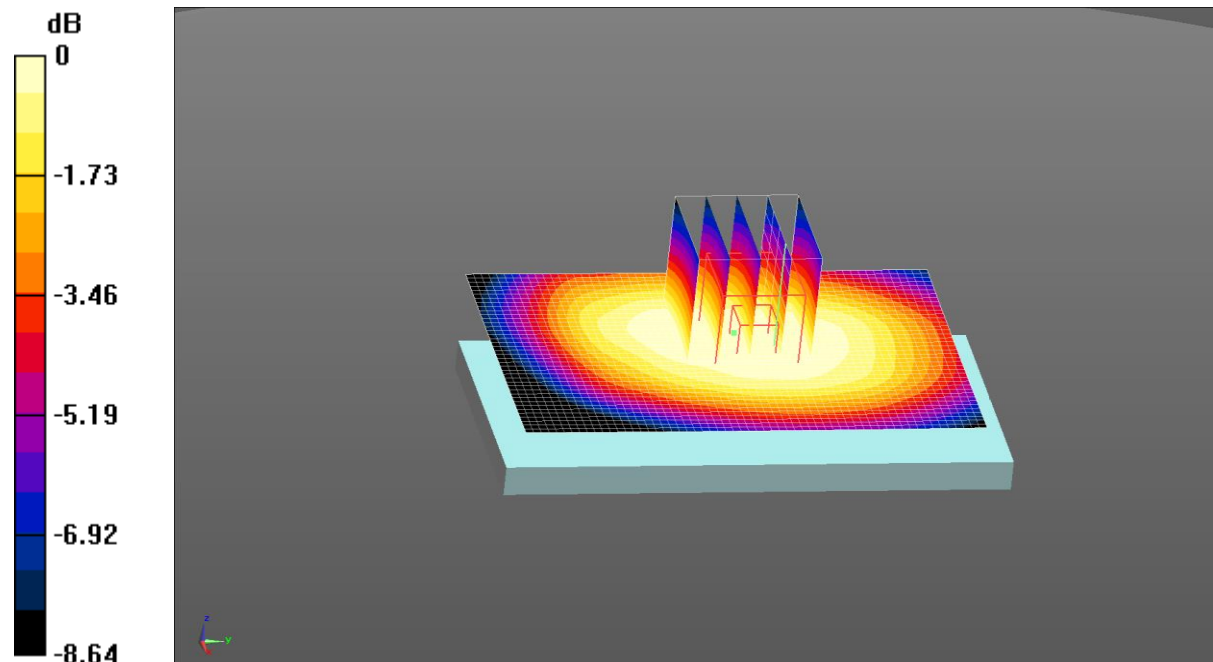
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.982 S/m; ε_r = 54.498; ρ = 1000 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 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.372 W/kg

WCDMA 850 Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.610 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.407 W/kg
SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 0.369 W/kg

0 dB = 0.369 W/kg = -4.33 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.21.2015 15:42:35
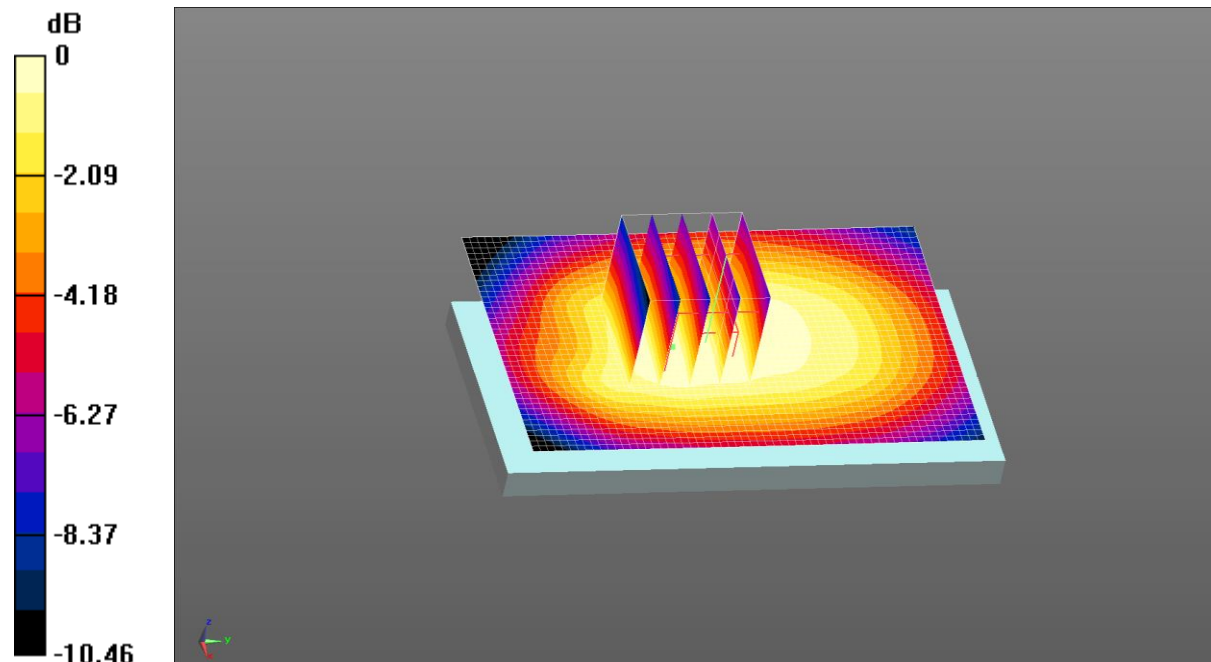
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.982 S/m; ε_r = 54.498; ρ = 1000 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 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.397 W/kg

WCDMA 850 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.348 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.404 W/kg

0 dB = 0.404 W/kg = -3.94 dBW/kg

Test Laboratory: CCIS

Date/Time: 04.03.2015 15:17:25
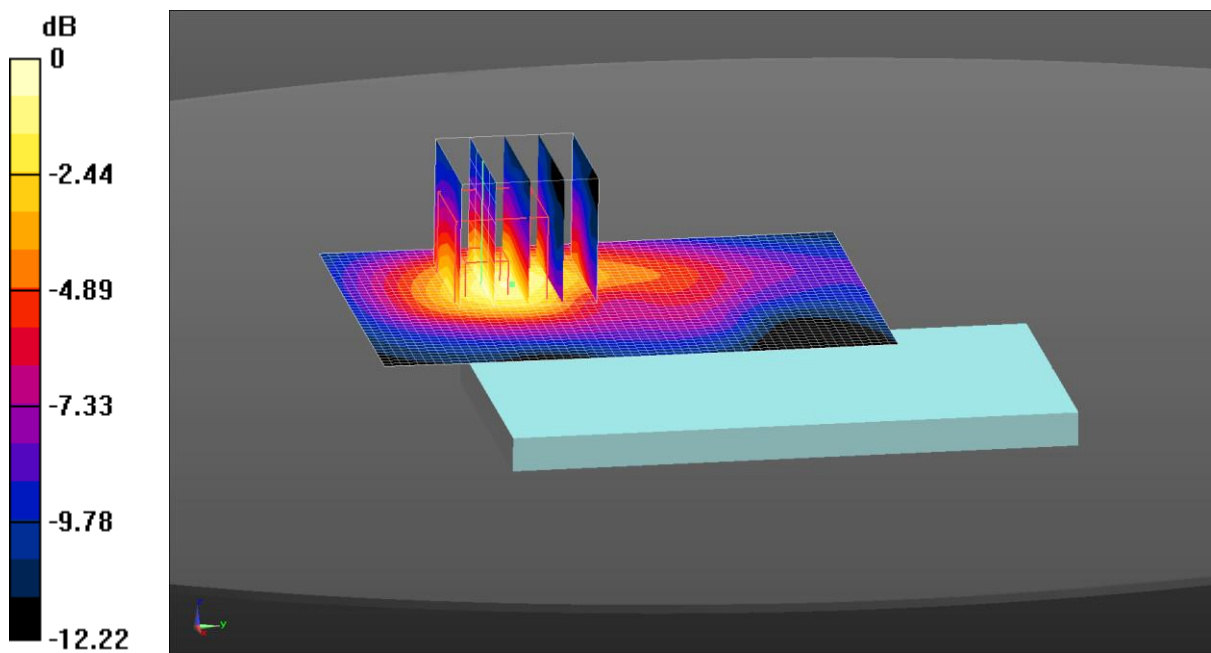
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.601 S/m; $ε_r$ = 52.532; ρ = 1000 kg/m^3
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 Front/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0541 W/kg

WCDMA 1900 Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.206 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0643 W/kg

0 dB = 0.0643 W/kg = -11.92 dBW/kg

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Project No.: CCIS150300148RF

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Test Laboratory: CCIS   Date/Time: 04.03.2015 15:02:10
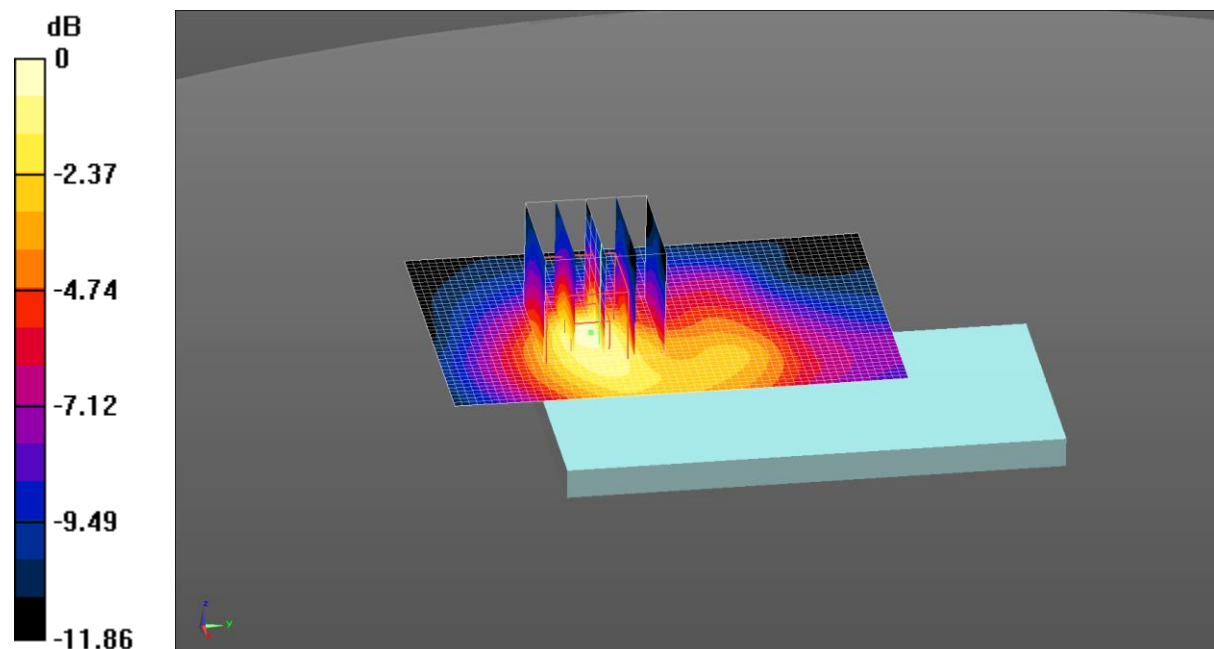
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.601 S/m; ε_r = 52.532; ρ = 1000 kg/m^3
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 Back/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0632 W/kg

WCDMA 1900 Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.982 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0850 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.0660 W/kg

0 dB = 0.0660 W/kg = -11.80 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 21:52:30

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.483 S/m; $ε_r$ = 53.118; ρ = 1000 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)

WCDMA 1700 Body Front/High Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0693 W/kg

WCDMA 1700 Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.188 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0946 W/kg

0 dB = 0.0946 W/kg = -10.24 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 21:31:20

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.483 S/m; $ε_r$ = 53.118; ρ = 1000 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)

WCDMA 1700 Body Back/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0808 W/kg

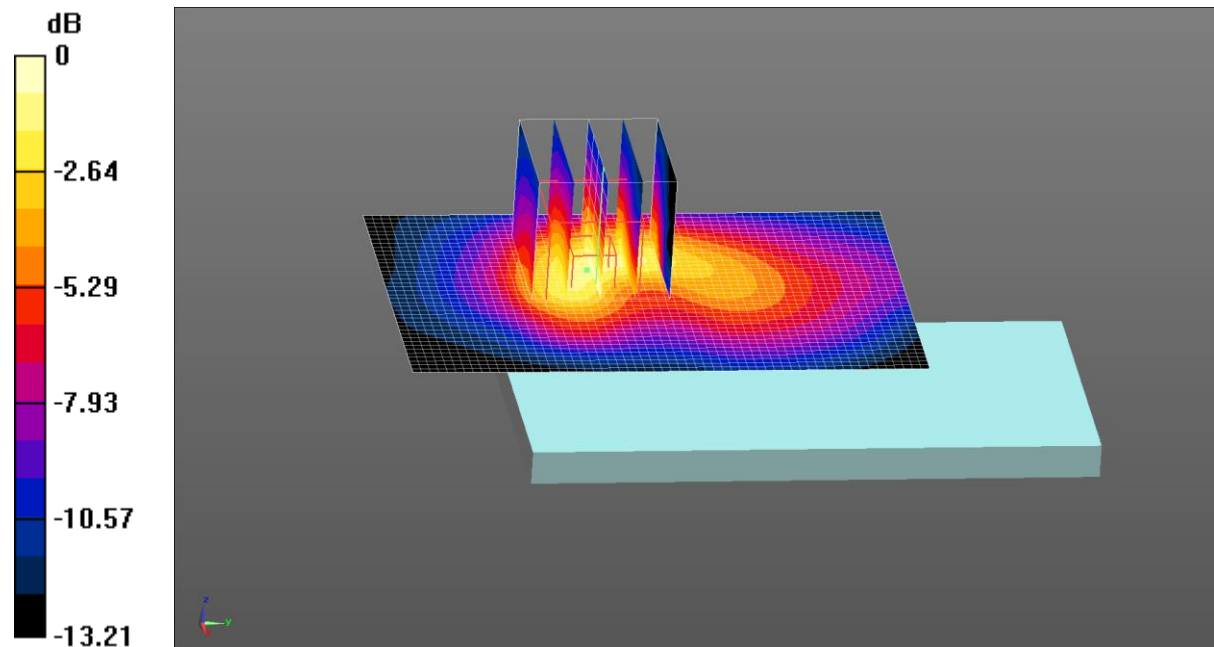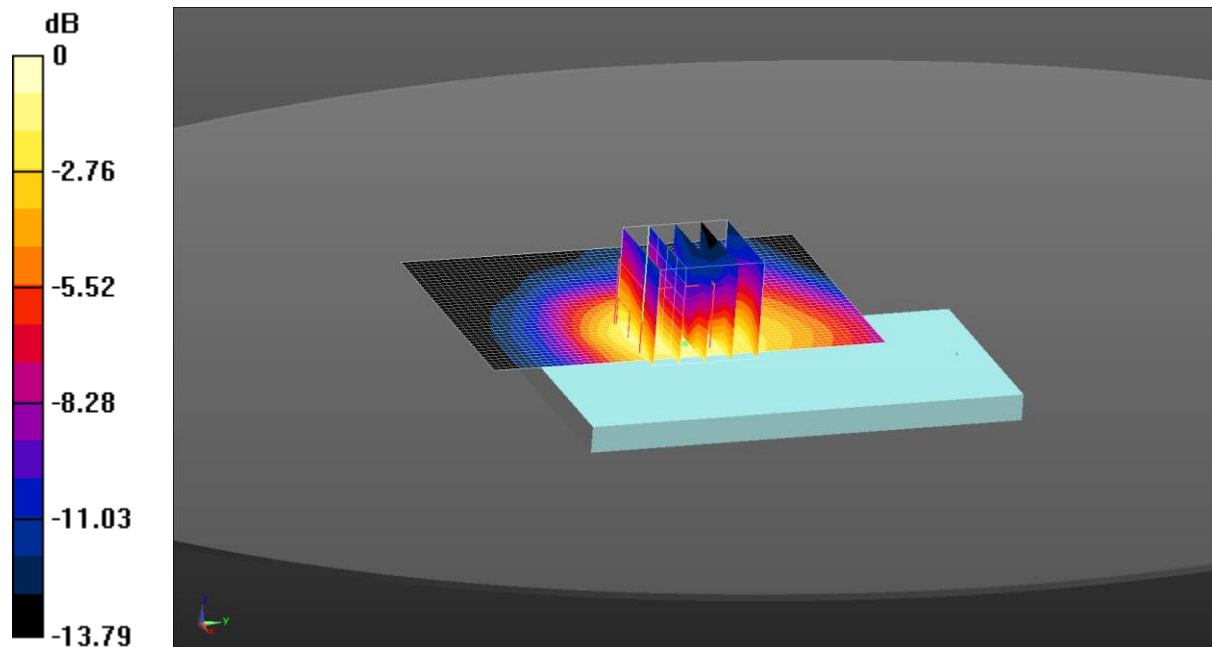**WCDMA 1700 Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.132 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.101 W/kg

0 dB = 0.101 W/kg = -9.96 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 08:26:53

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Front/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.292 W/kg

LTE Band 2 1RB Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.366 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.266 W/kg

0 dB = 0.266 W/kg = -5.75 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.06.2015 08:06:05

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Back/Middle Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.168 W/kg

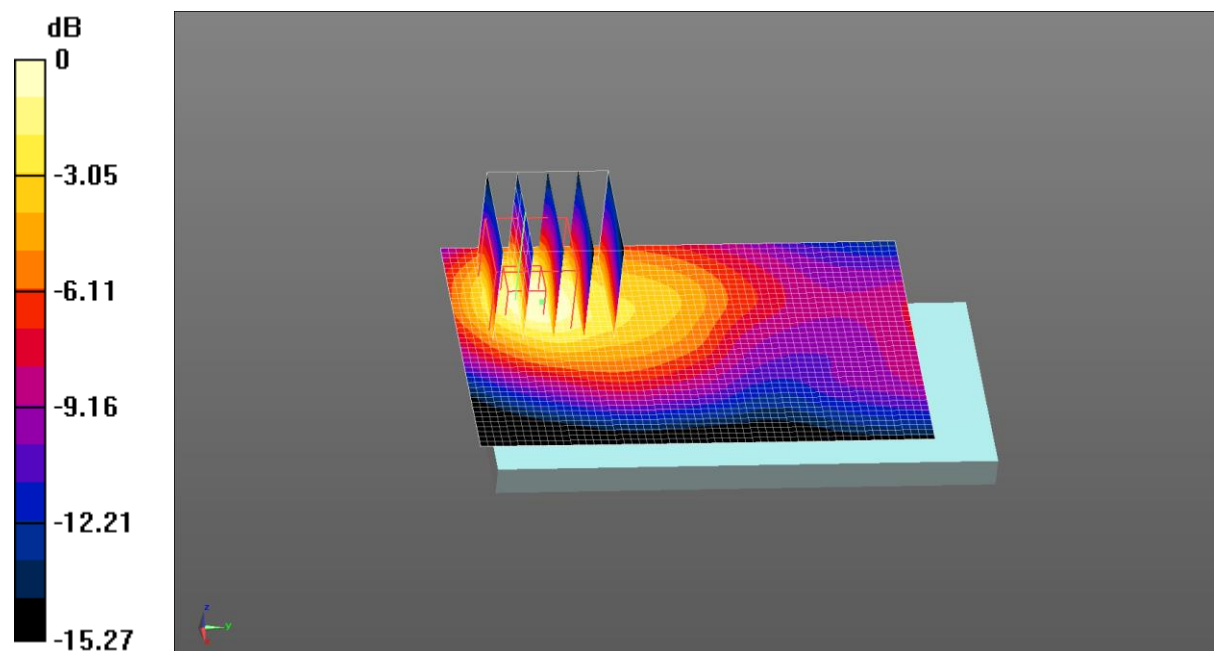**LTE Band 2 1RB Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.050 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.204 W/kg

0 dB = 0.204 W/kg = -6.90 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 13:05:30

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000 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 Body Front/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

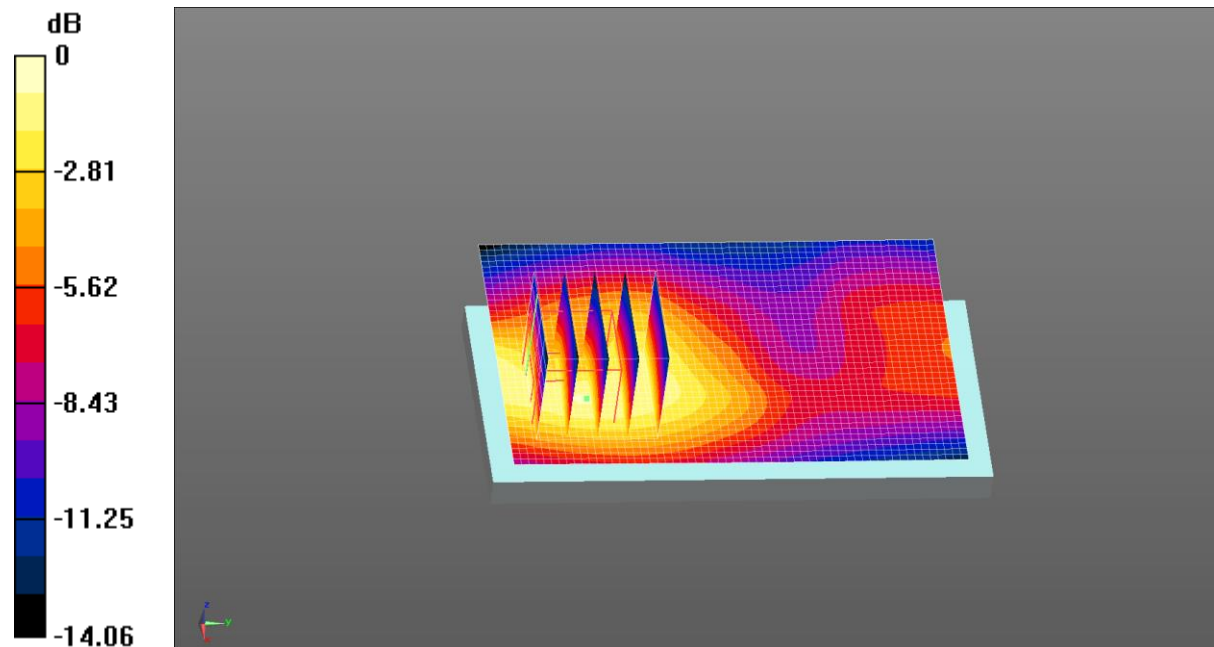## LTE Band 4 1RB Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.843 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.279 W/kg

0 dB = 0.279 W/kg = -5.54 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 13:21:16

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000 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 Body Back/Middle Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.196 W/kg

LTE Band 4 1RB Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
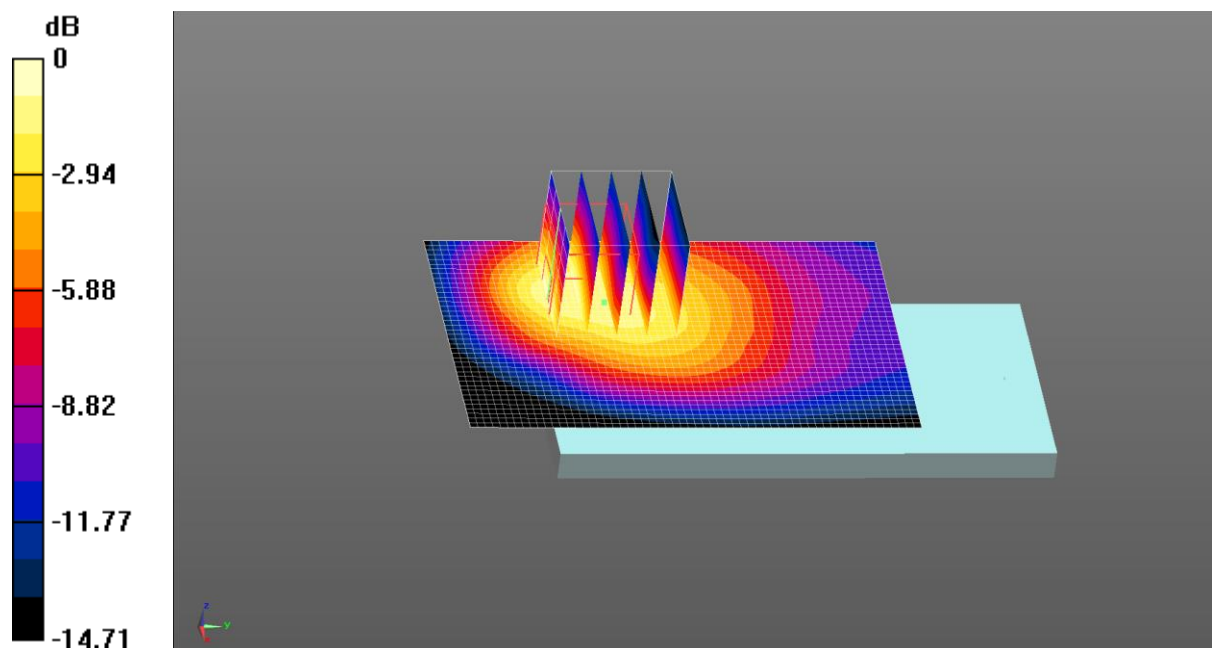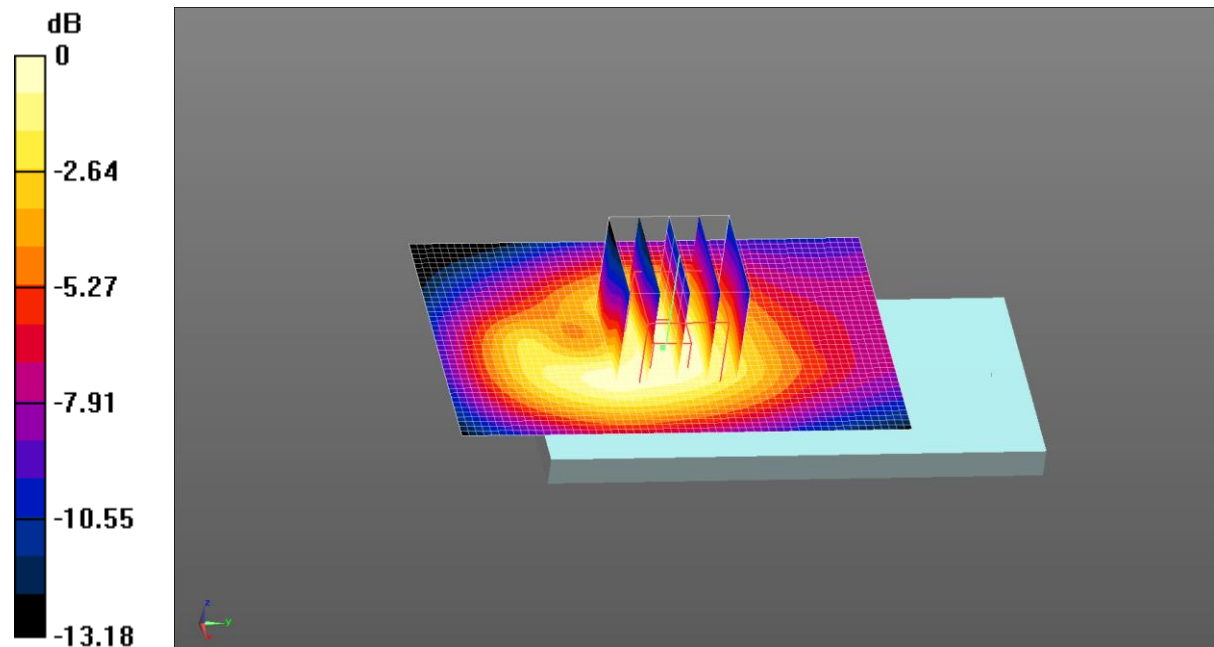Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.934 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.194 W/kg

0 dB = 0.194 W/kg = -7.12 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 11:57:44

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 10MHz QPSK (0); Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 1RB Body Front/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0857 W/kg

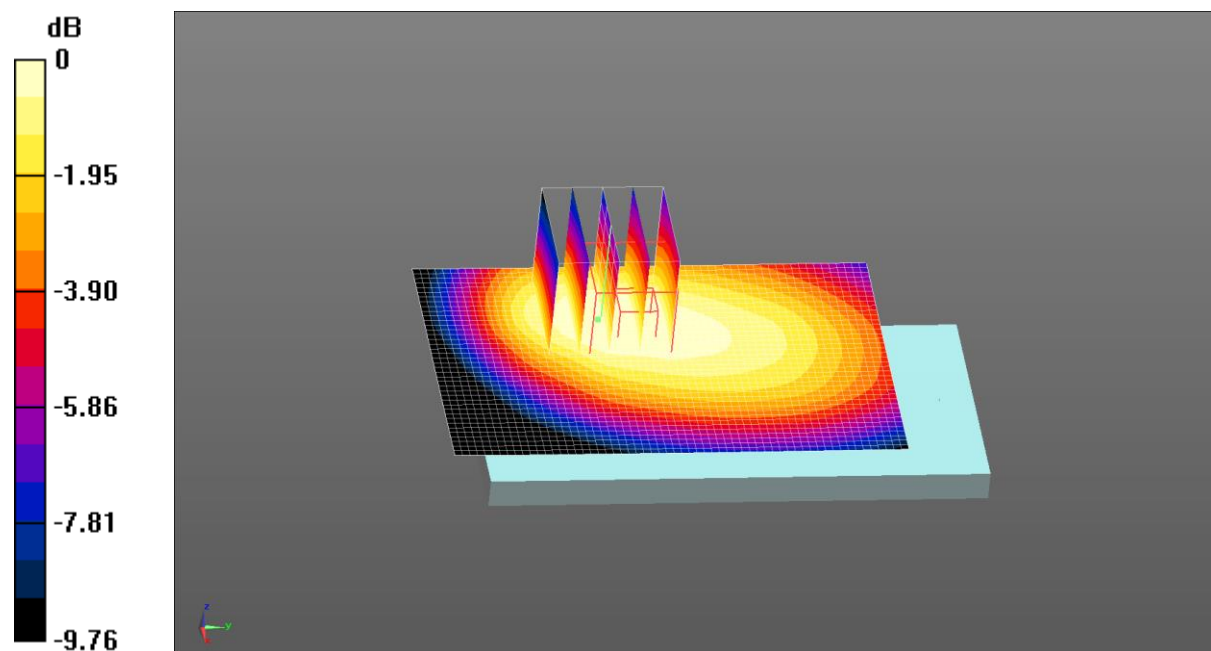**LTE Band 17 1RB Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.975 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0920 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.0822 W/kg

0 dB = 0.0822 W/kg = -10.85 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 11:40:54

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 10MHz QPSK (0); Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 1RB Body Back/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0976 W/kg

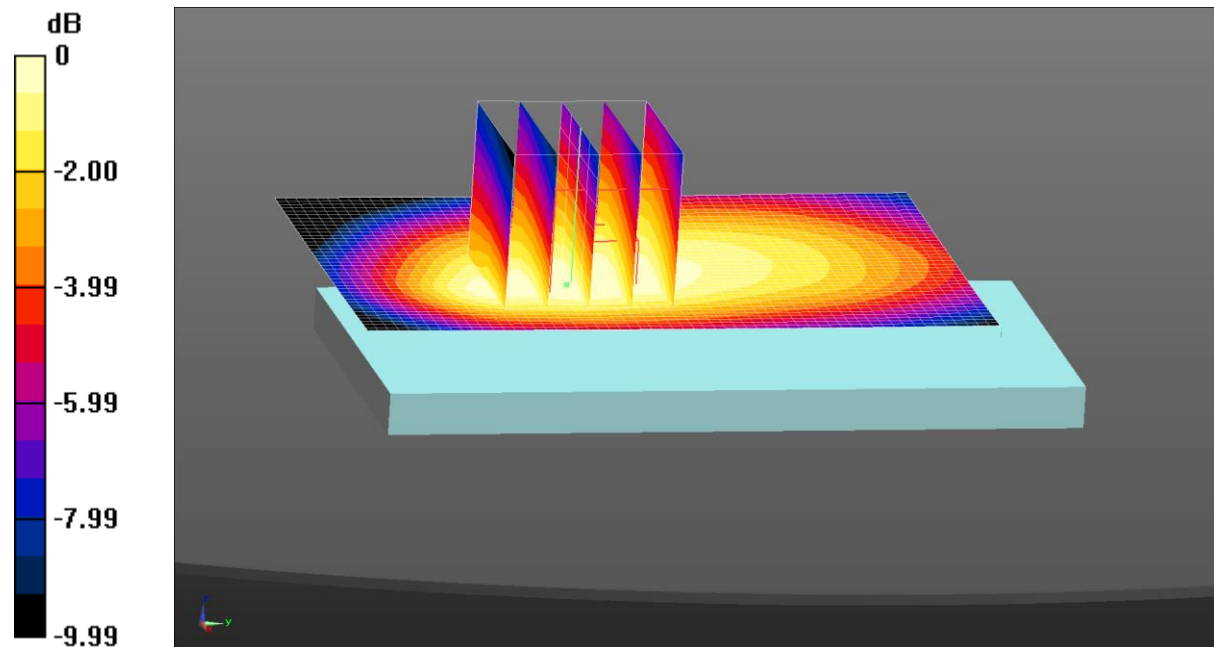**LTE Band 17 1RB Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.967 V/m; Power Drift = -0.33 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.0944 W/kg

0 dB = 0.0944 W/kg = -10.25 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 10:43:49

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3

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 Body Front/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.160 W/kg

LTE Band 2 50%RB Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.291 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.200 W/kg

0 dB = 0.200 W/kg = -6.99 dBW/kg

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Test Laboratory: CCIS Date/Time: 04.06.2015 10:27:52

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Back/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.152 W/kg

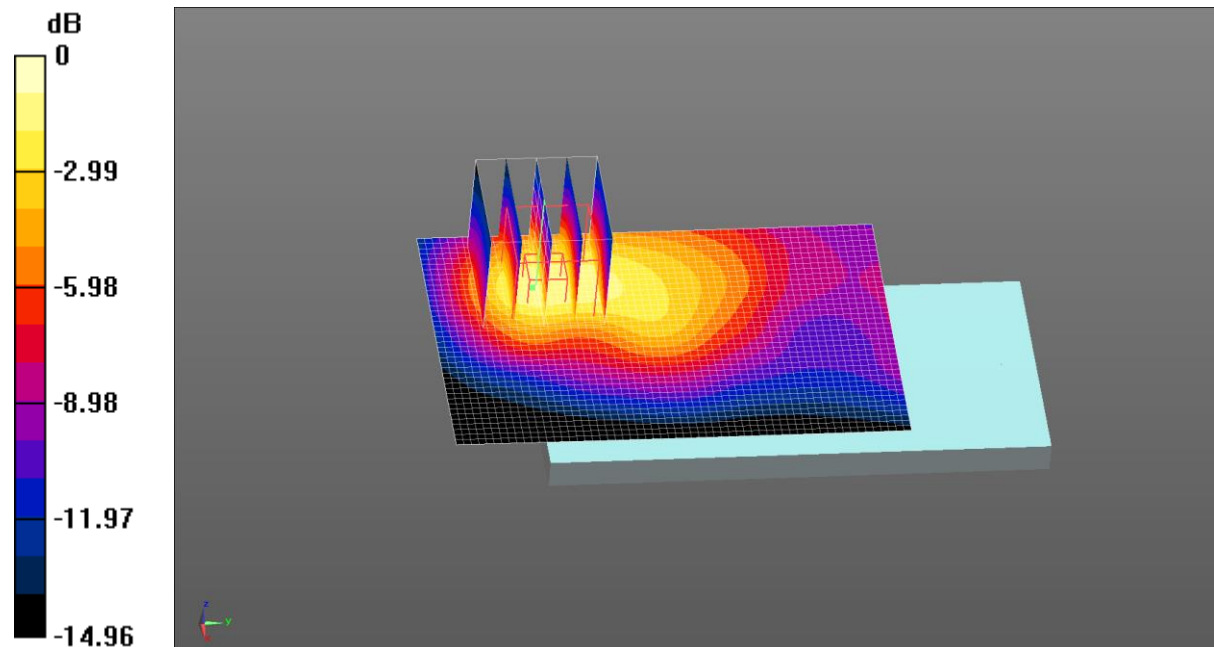**LTE Band 2 50%RB Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
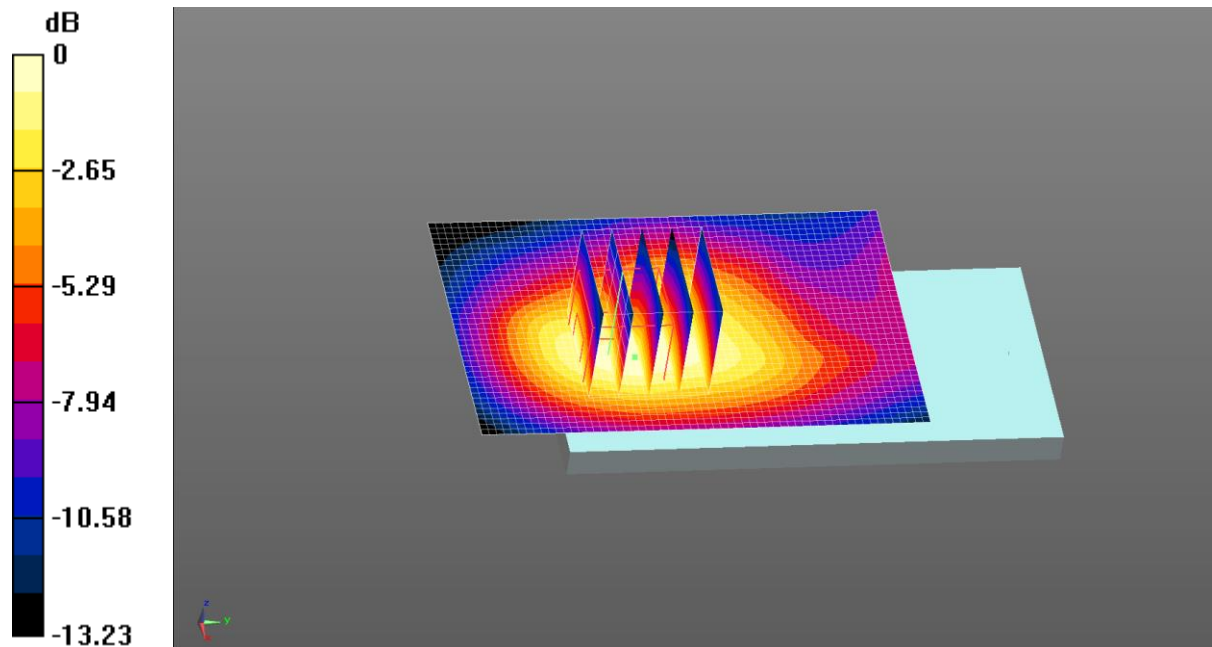Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.900 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.157 W/kg

0 dB = 0.157 W/kg = -8.04 dBW/kg

Test Laboratory: CCIS

Date/Time: 04.06.2015 17:08:08

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000 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 50%RB Body Front/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.597 W/kg

LTE Band 4 50%RB Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.606 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 0.541 W/kg

0 dB = 0.541 W/kg = -2.67 dBW/kg

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Project No.: CCIS150300148RF

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Test Laboratory: CCIS   Date/Time: 04.06.2015 16:53:35

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000 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 50%RB Body Back/Middle Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.330 W/kg

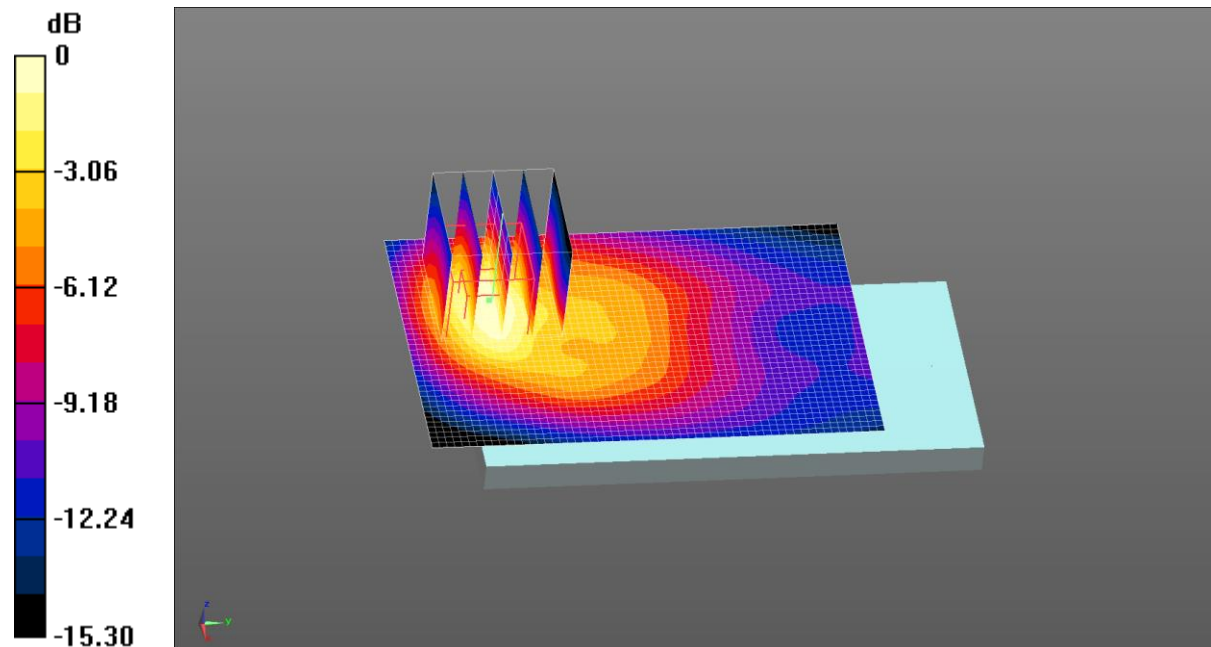## LTE Band 4 50%RB Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.516 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.292 W/kg

0 dB = 0.292 W/kg = -5.35 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.07.2015 14:06:48

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 50%RB Body Front/High Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0718 W/kg

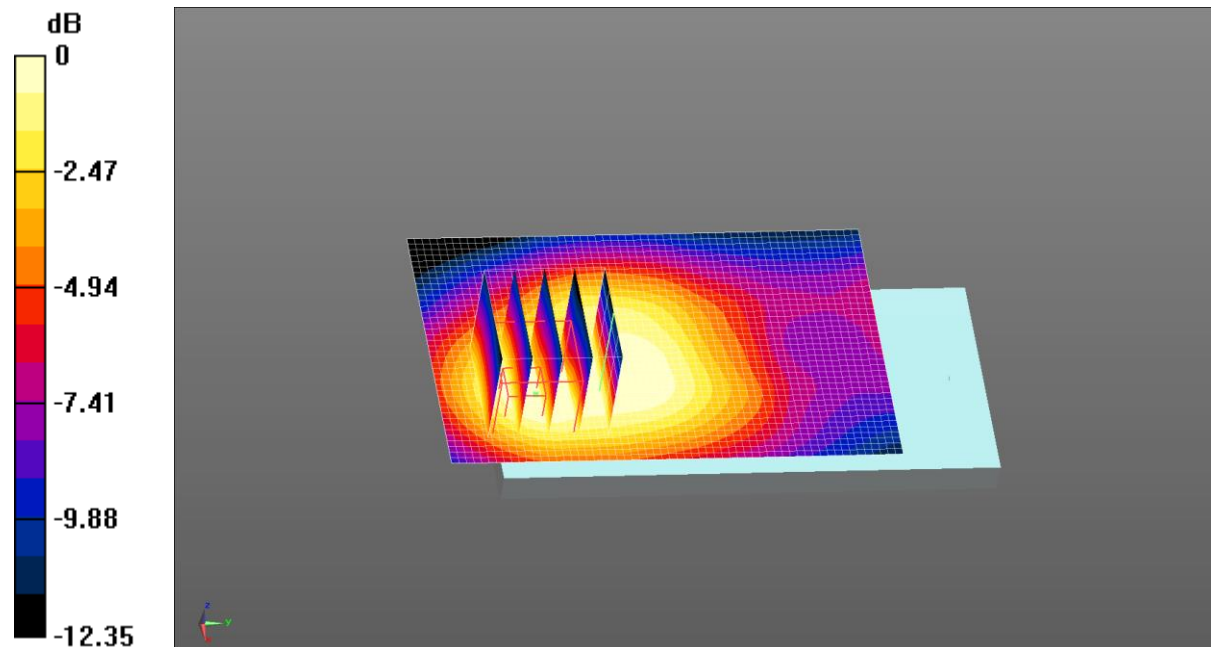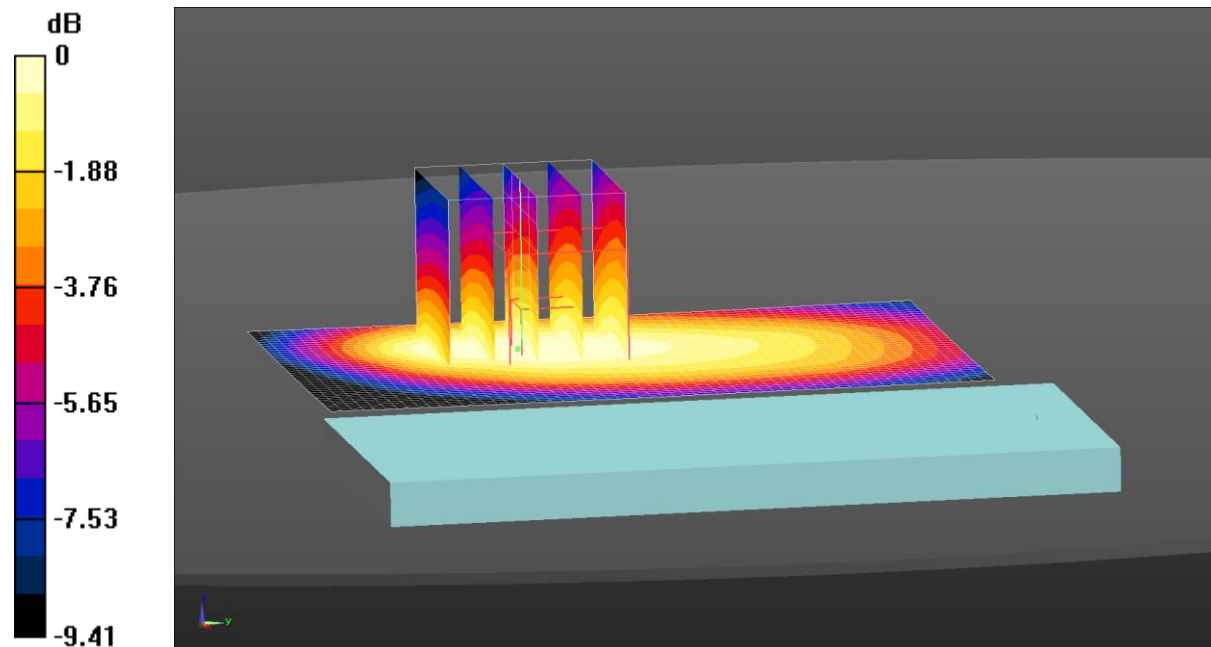**LTE Band 17 50%RB Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.165 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0770 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.045 W/kg
Maximum value of SAR (measured) = 0.0689 W/kg

0 dB = 0.0689 W/kg = -11.62 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.07.2015 13:51:05

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; $ε_r$ = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
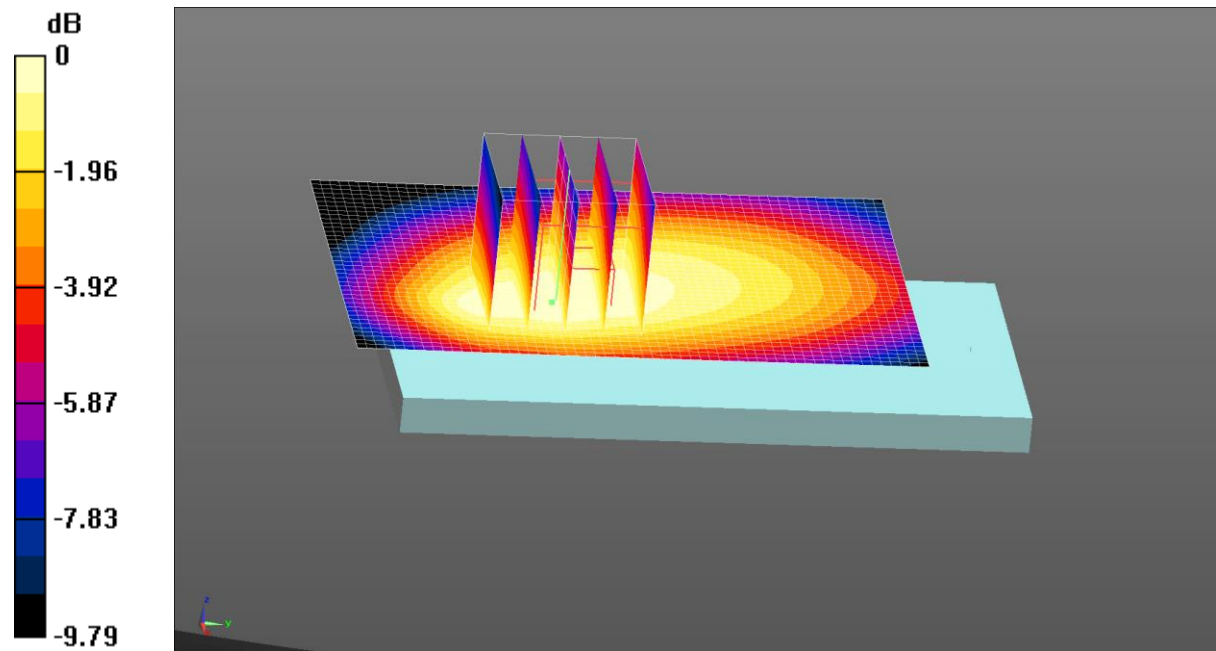Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 50%RB Body Back/High Channel/Area Scan (41x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0721 W/kg

LTE Band 17 50%RB Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.279 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.0790 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.045 W/kg
Maximum value of SAR (measured) = 0.0695 W/kg

0 dB = 0.0695 W/kg = -11.58 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.04.2015 09:02:48

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.977 S/m; ε_r = 52.655; ρ = 1000 kg/m^3
Phantom section: Flat Section
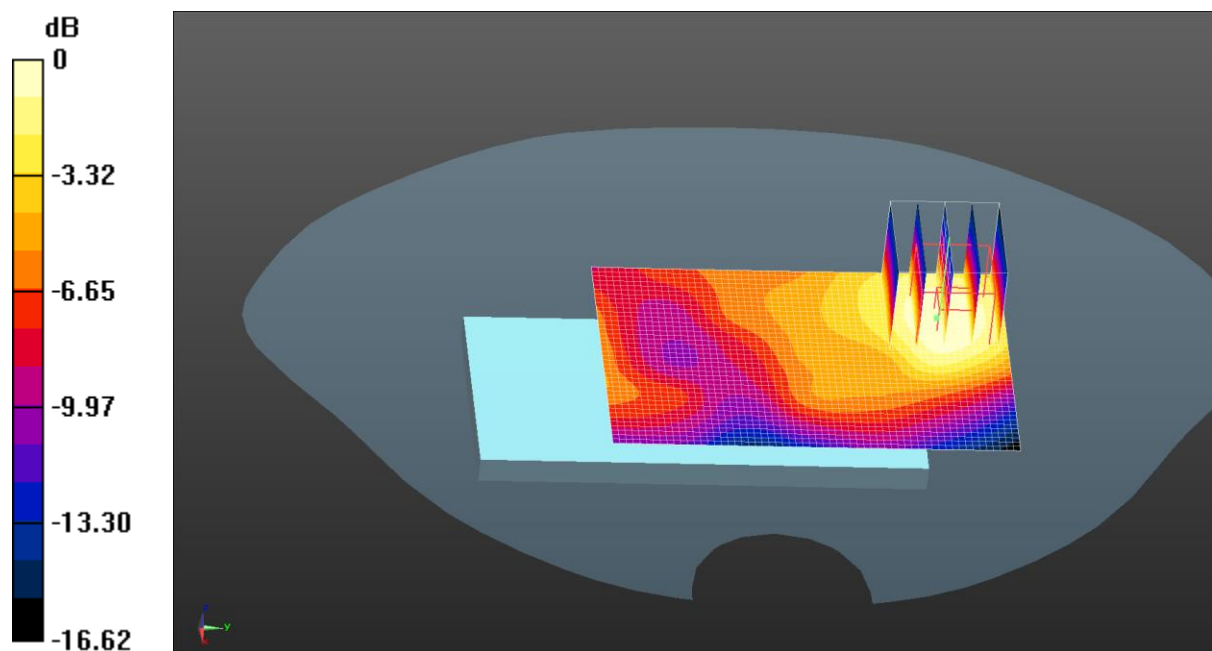Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Front/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.191 V/m; Power Drift = 0.36 dB
Peak SAR (extrapolated) = 0.554 W/kg
SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.410 W/kg

WIFI Body Front/Middle Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.393 W/kg

0 dB = 0.393 W/kg = -4.06 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.04.2015 08:41:57

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.977 S/m; $ε_r$ = 52.655; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

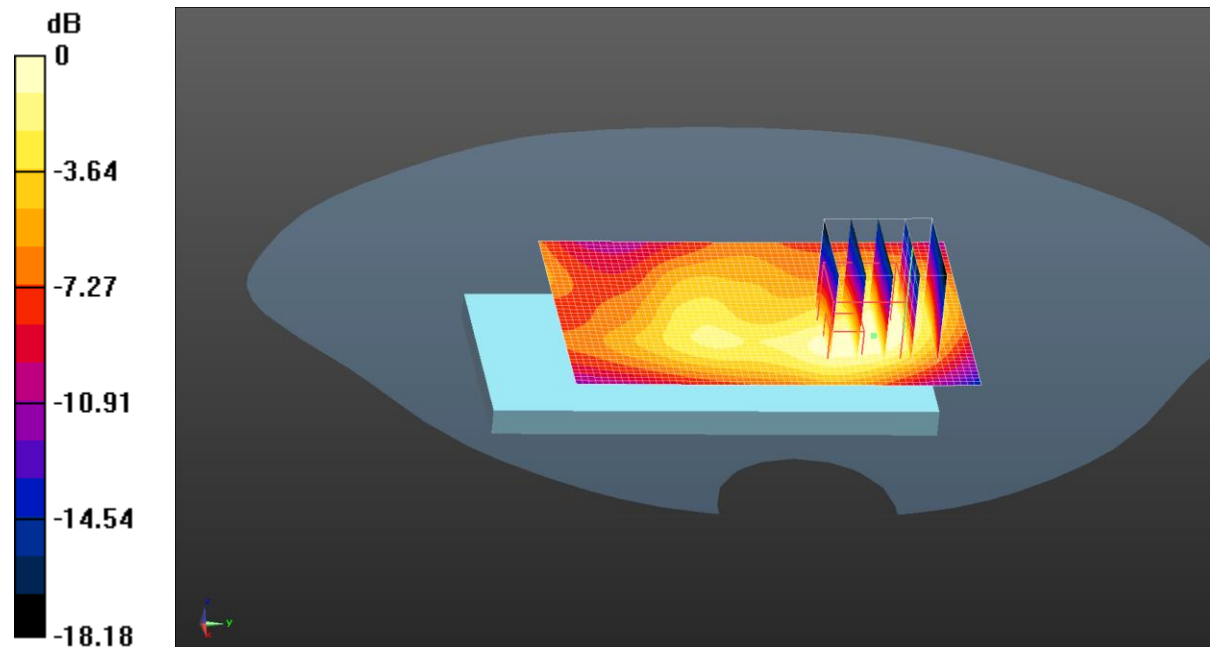- Probe: EX3DV4 - SN3924; ConvF(7.42, 7.42, 7.42); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.410 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.450 W/kg

WIFI Body Back/Middle Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.501 W/kg

0 dB = 0.501 W/kg = -3.00 dBW/kg

Test Laboratory: CCIS   Date/Time: 03.21.2015 18:15:11

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.006 S/m; ε_r = 55.126; ρ = 1000 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 4Slots Body Front/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.482 W/kg

GPRS 850 4Slots Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.095 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.370 W/kg
Maximum value of SAR (measured) = 0.548 W/kg

0 dB = 0.548 W/kg = -2.61 dBW/kg

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Test Laboratory: CCIS   Date/Time: 03.21.2015 17:58:49

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.006 S/m; ε_r = 55.126; ρ = 1000 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 4Slots Body Back/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.609 W/kg

GPRS 850 4Slots Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:
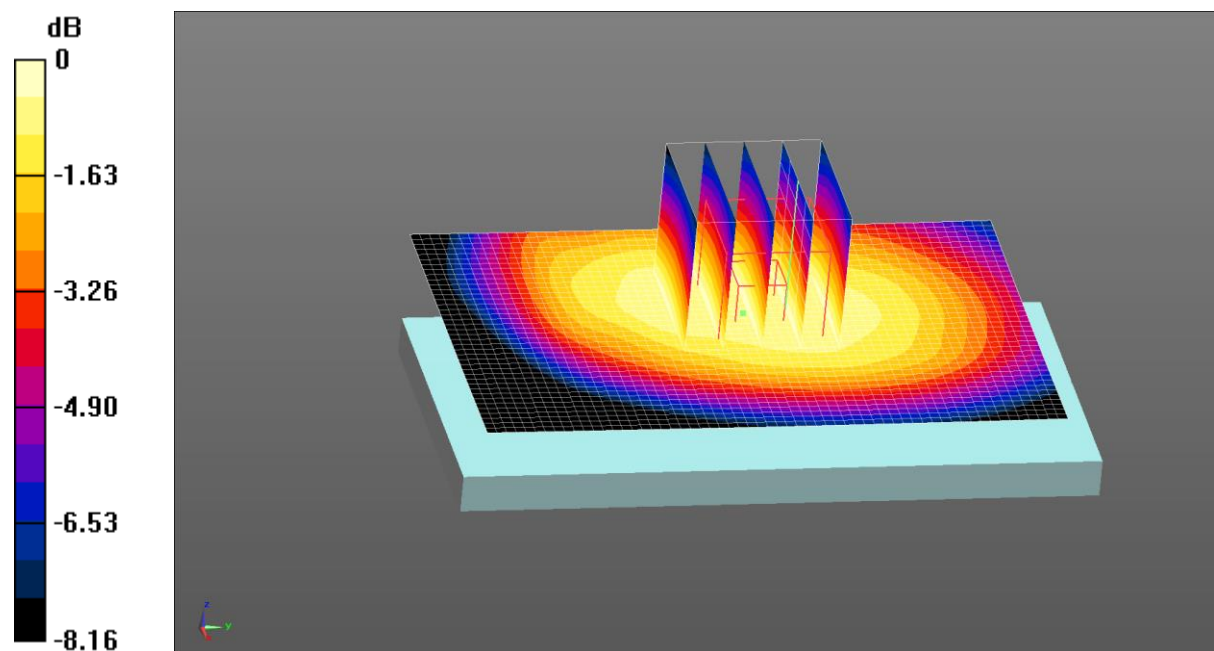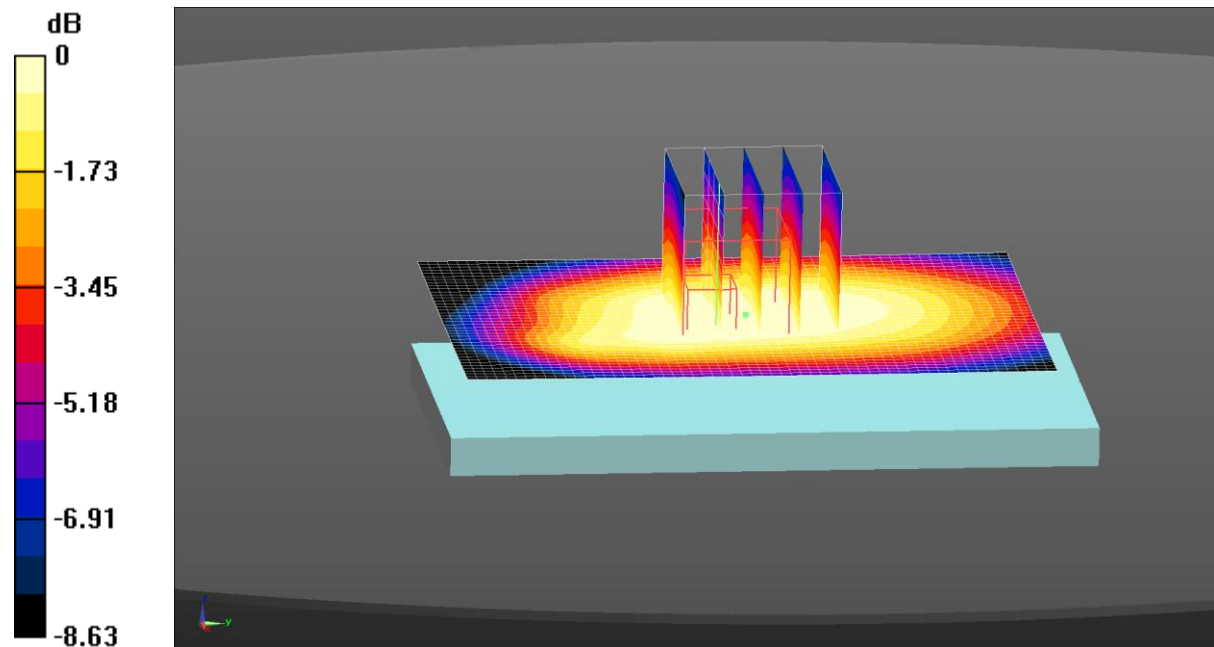Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.427 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 0.555 W/kg

0 dB = 0.555 W/kg = -2.56 dBW/kg

Test Laboratory: CCIS

Date/Time: 03.21.2015 17:32:45

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.006 S/m; ε_r = 55.126; ρ = 1000 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 4Slots Body Left/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.336 W/kg

GPRS 850 4Slots Body Left/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.400 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.327 W/kg

0 dB = 0.327 W/kg = -4.85 dBW/kg

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Project No.: CCIS150300148RF

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Test Laboratory: CCIS   Date/Time: 03.21.2015 17:41:30

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.006 S/m; ε_r = 55.126; ρ = 1000 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 4Slots Body Right/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.361 W/kg

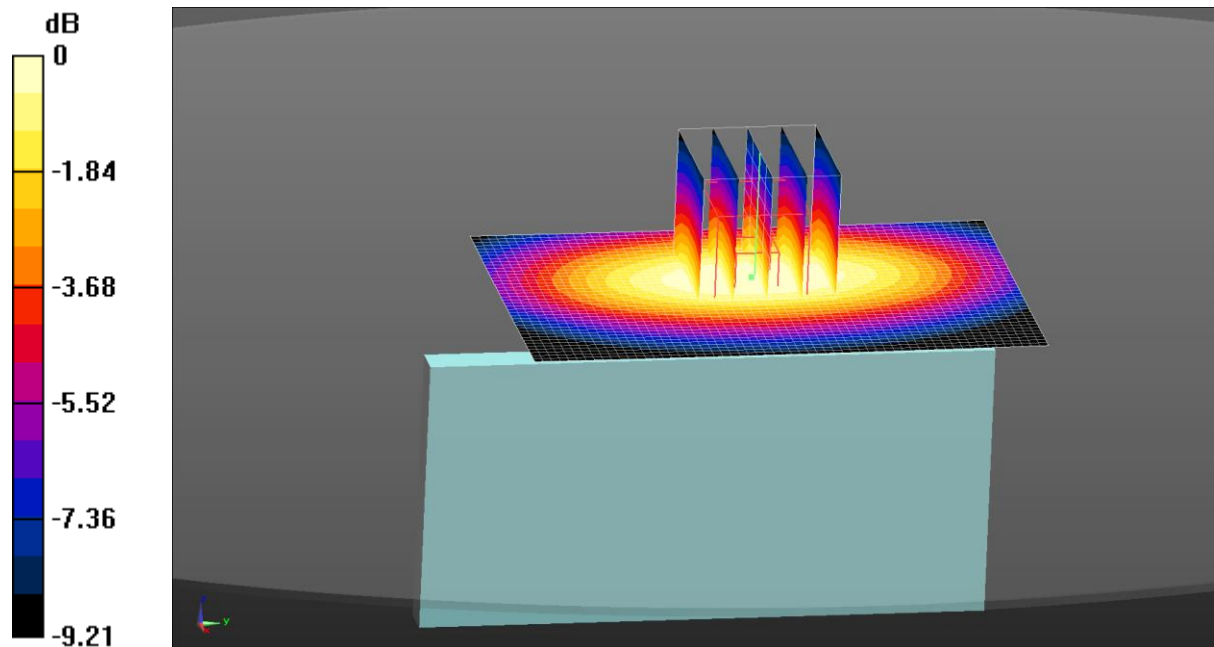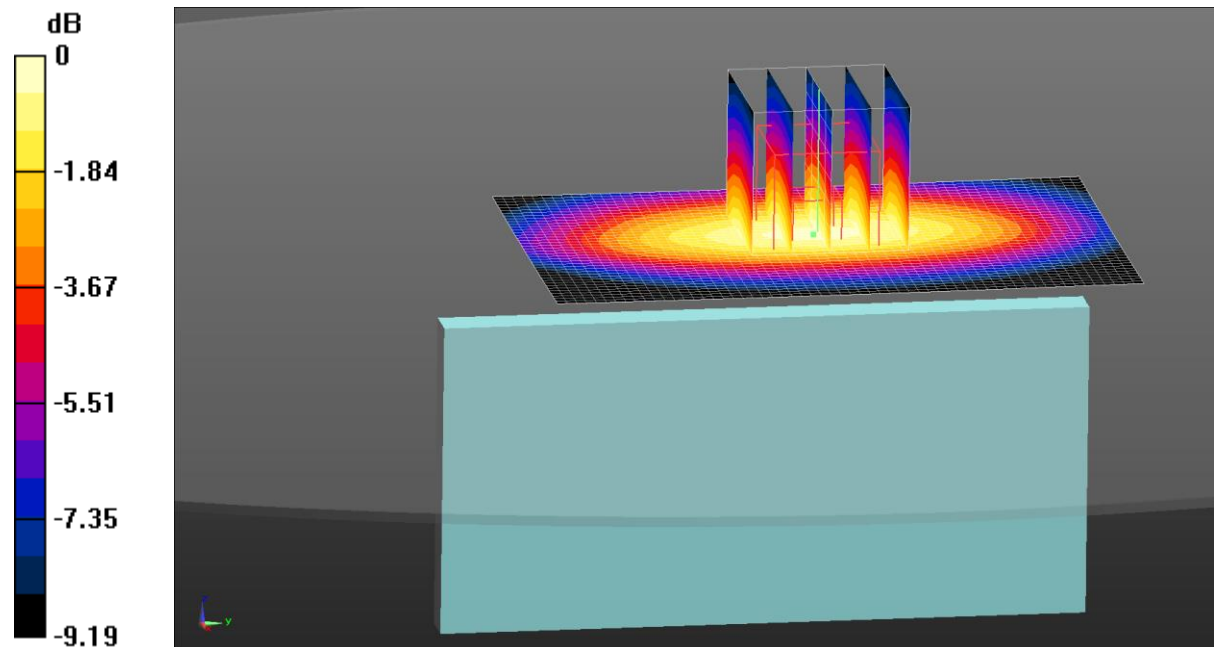**GPRS 850 4Slots Body Right/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.820 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.454 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 0.398 W/kg

0 dB = 0.398 W/kg = -4.00 dBW/kg

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Test Laboratory: CCIS   Date/Time: 03.21.2015 17:16:01

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 848.8 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.006 S/m; ε_r = 55.126; ρ = 1000 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 4Slots Body Bottom/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0989 W/kg

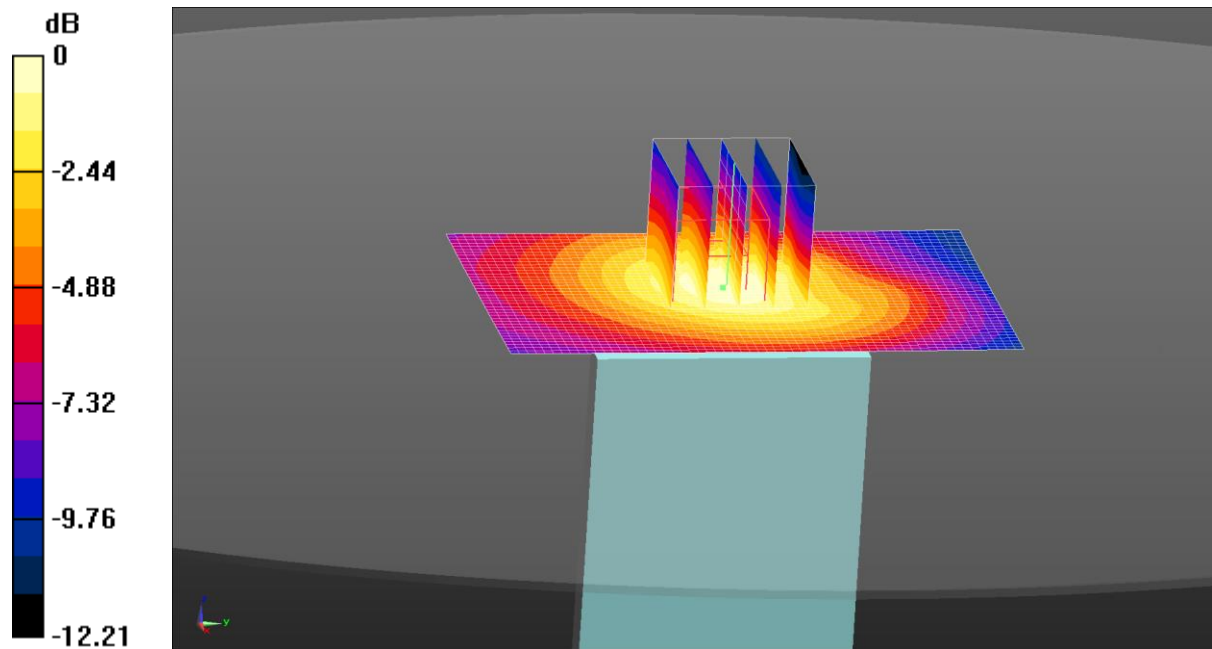**GPRS 850 4Slots Body Bottom/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.130 V/m; Power Drift = -0.38 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.103 W/kg

0 dB = 0.103 W/kg = -9.87 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.03.2015 11:37:55

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.517 S/m; ε_r = 50.848; ρ = 1000 kg/m^3
Phantom section: Flat Section
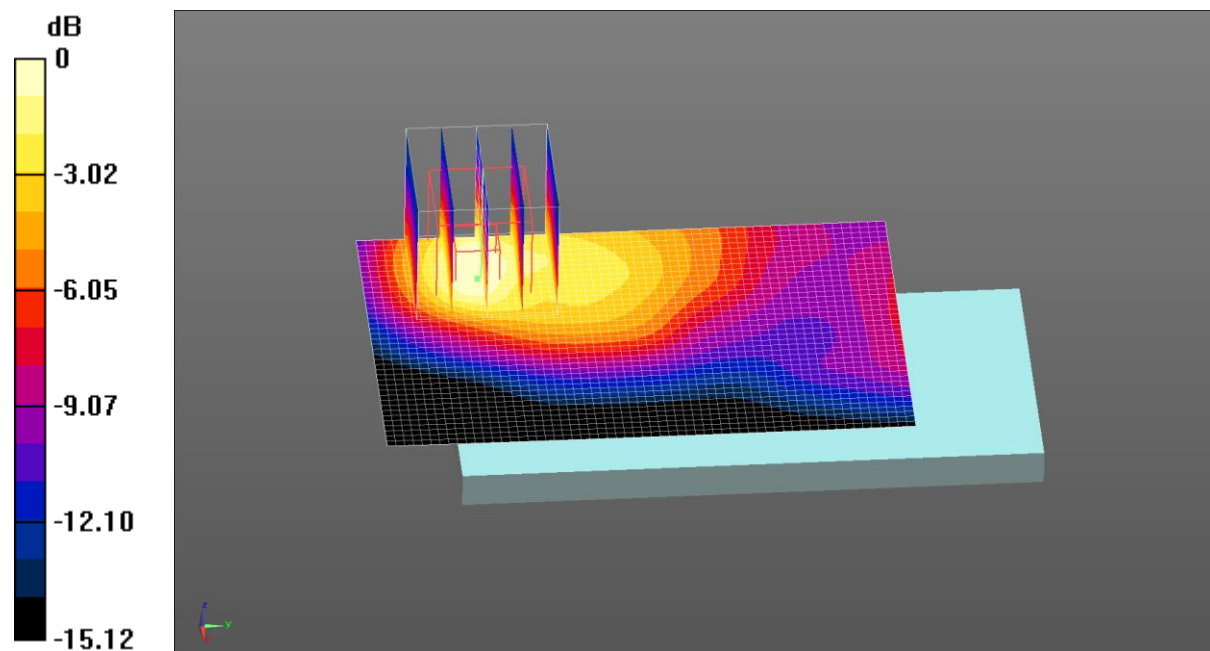Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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)

GPRS 1900 4Slst Body Front/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.166 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.241 W/kg

GPRS 1900 4Slst Body Front/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

0 dB = 0.232 W/kg = -6.35 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.03.2015 11:16:00

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.517 S/m; ε_r = 50.848; ρ = 1000 kg/m^3
Phantom section: Flat Section
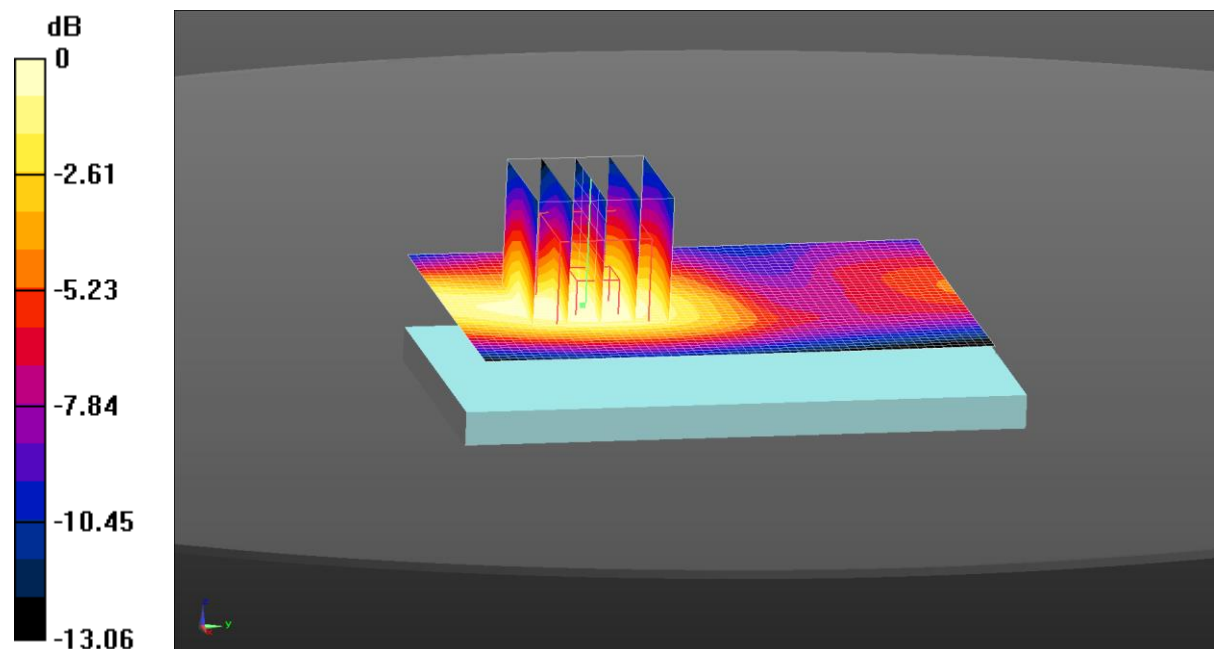Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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)

GPRS 1900 4Slst Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.848 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 0.180 W/kg

GPRS 1900 4Slst Body Back/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.172 W/kg

0 dB = 0.172 W/kg = -7.64 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 12:05:58

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.517 S/m; ε_r = 50.848; ρ = 1000 kg/m^3
Phantom section: Flat Section
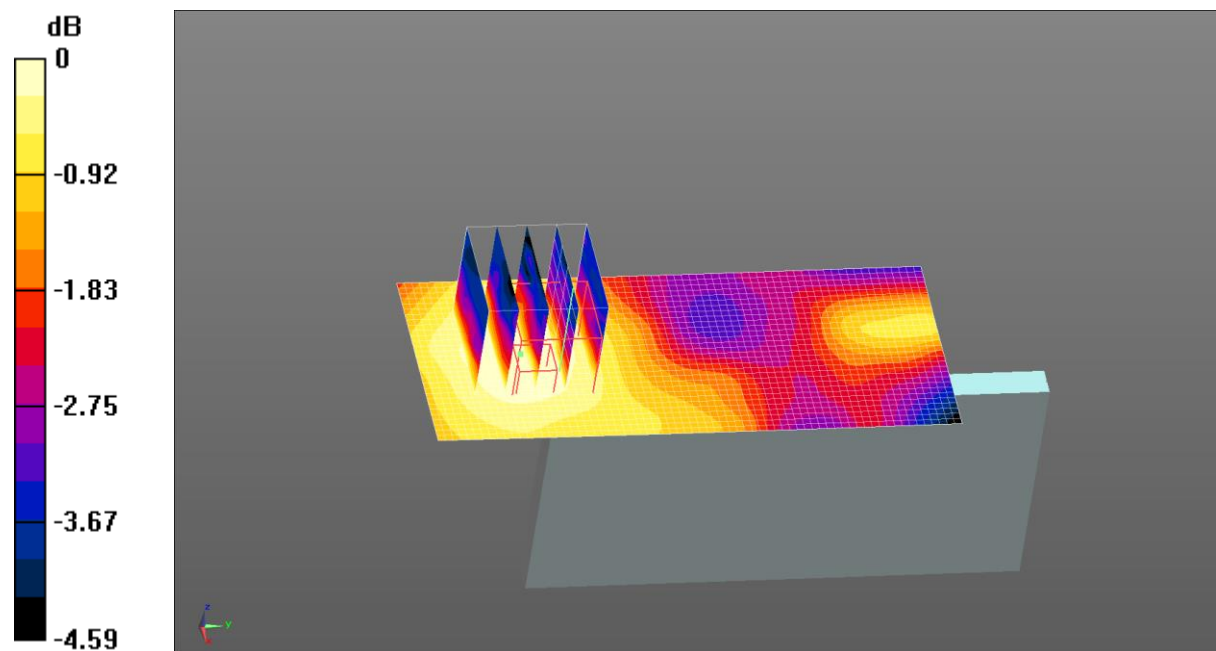Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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)

GPRS 1900 4Slst Body Left/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.994 V/m; Power Drift = 0.37 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.00916 W/kg; SAR(10 g) = 0.00716 W/kg
Maximum value of SAR (measured) = 0.0109 W/kg

GPRS 1900 4Slst Body Left/High Channel/Area Scan (31x71x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0106 W/kg

0 dB = 0.0106 W/kg = -19.75 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.03.2015 13:40:38

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.517 S/m; ε_r = 50.848; ρ = 1000 kg/m^3
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)

GPRS 1900 4Slst Body Right/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.564 V/m; Power Drift = -0.09 dB
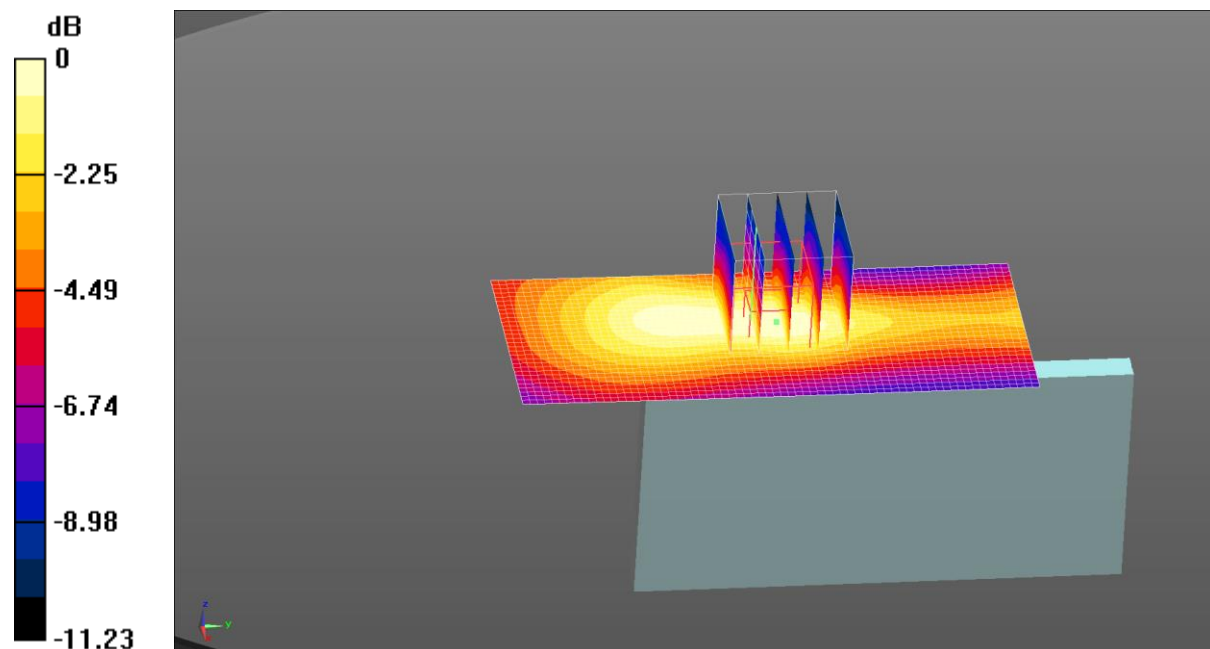Peak SAR (extrapolated) = 0.0610 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0506 W/kg

GPRS 1900 4Slst Body Right/High Channel/Area Scan (31x71x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0528 W/kg

0 dB = 0.0528 W/kg = -12.77 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 13:58:06

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.517 S/m; $ε_r$ = 50.848; ρ = 1000 kg/m^3
Phantom section: Flat Section
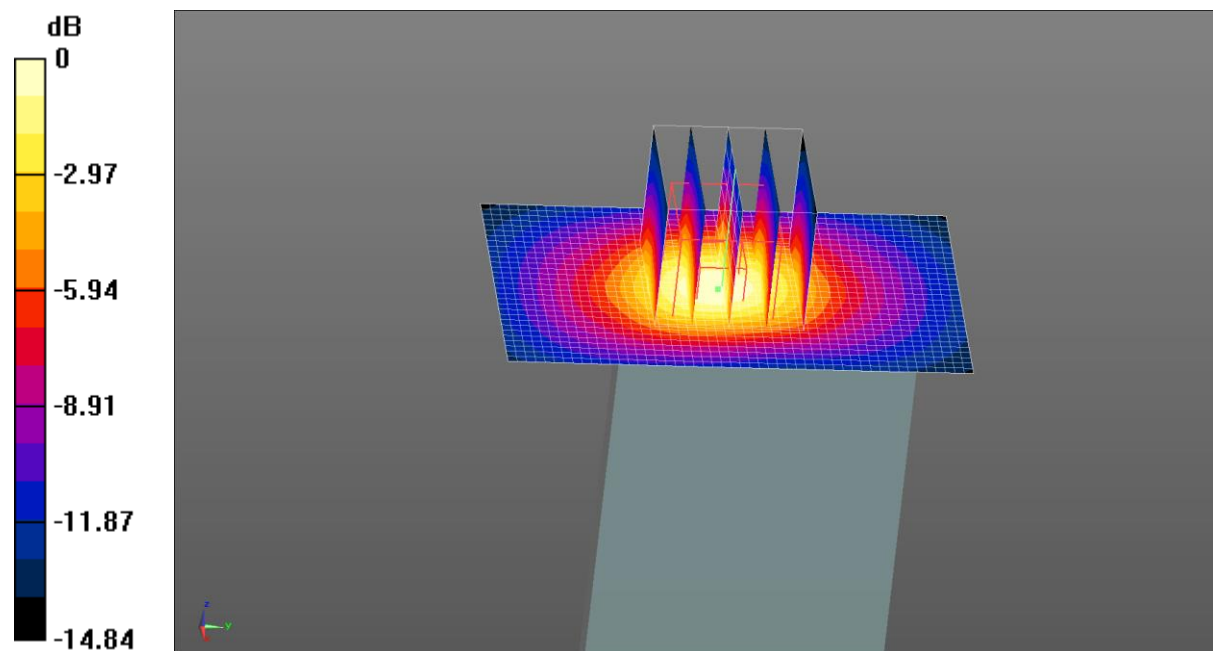Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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)

GPRS 1900 4Slst Body Bottom/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.601 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.263 W/kg

GPRS 1900 4Slst Body Bottom/High Channel/Area Scan (31x51x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.241 W/kg

0 dB = 0.241 W/kg = -6.18 dBW/kg

Test Laboratory: CCIS

Date/Time: 03.21.2015 16:20:55
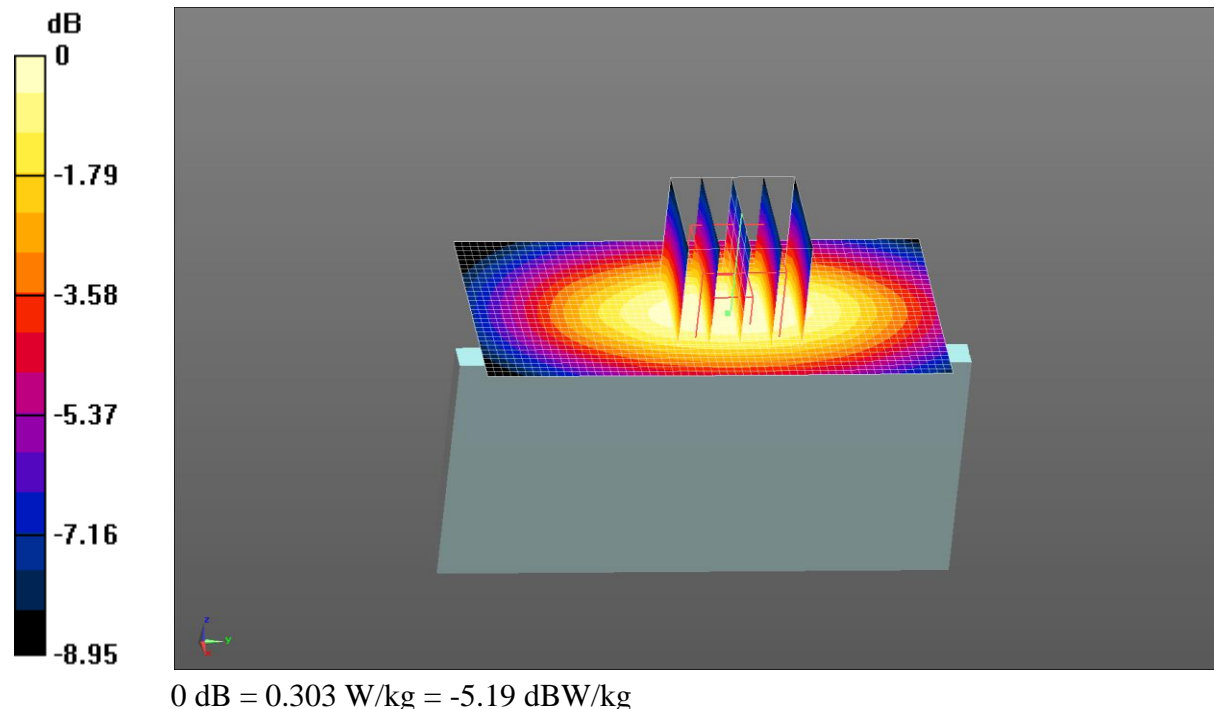
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.982 S/m; ε_r = 54.498; ρ = 1000 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 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.307 W/kg

WCDMA 850 Body Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.220 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.303 W/kg

0 dB = 0.303 W/kg = -5.19 dBW/kg

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Project No.: CCIS150300148RF

Test Laboratory: CCIS   Date/Time: 03.21.2015 16:46:04
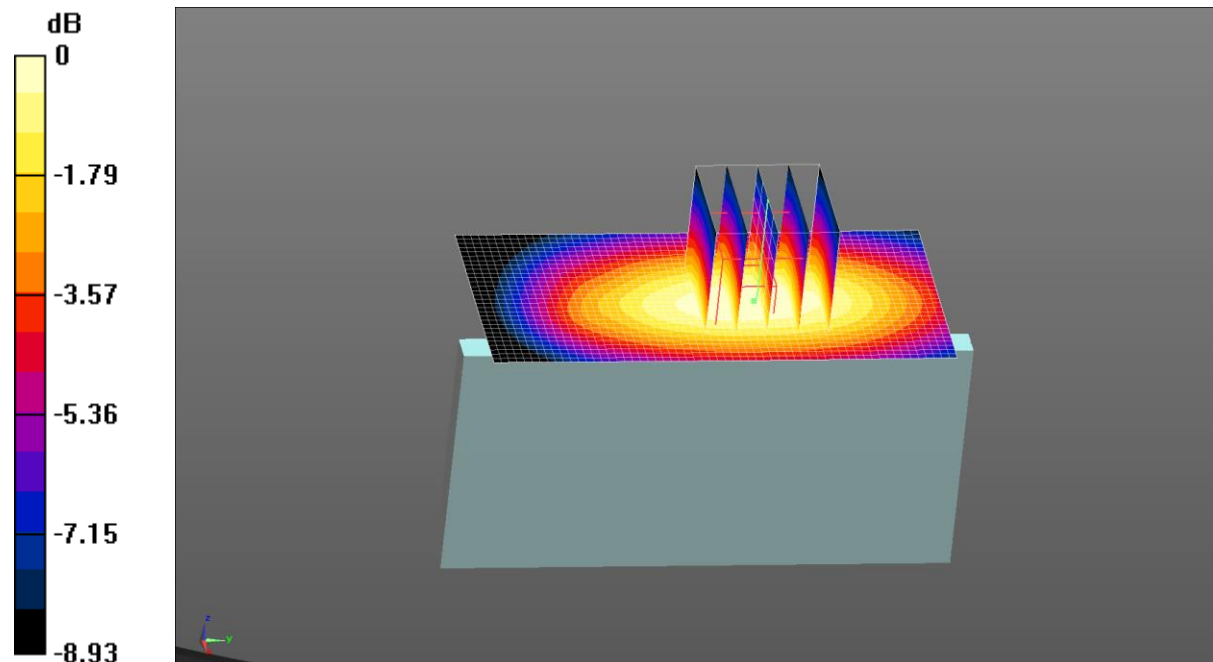
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.982 S/m; ε_r = 54.498; ρ = 1000 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 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

WCDMA 850 Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.934 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.243 W/kg

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

Test Laboratory: CCIS   Date/Time: 03.21.2015 17:00:44

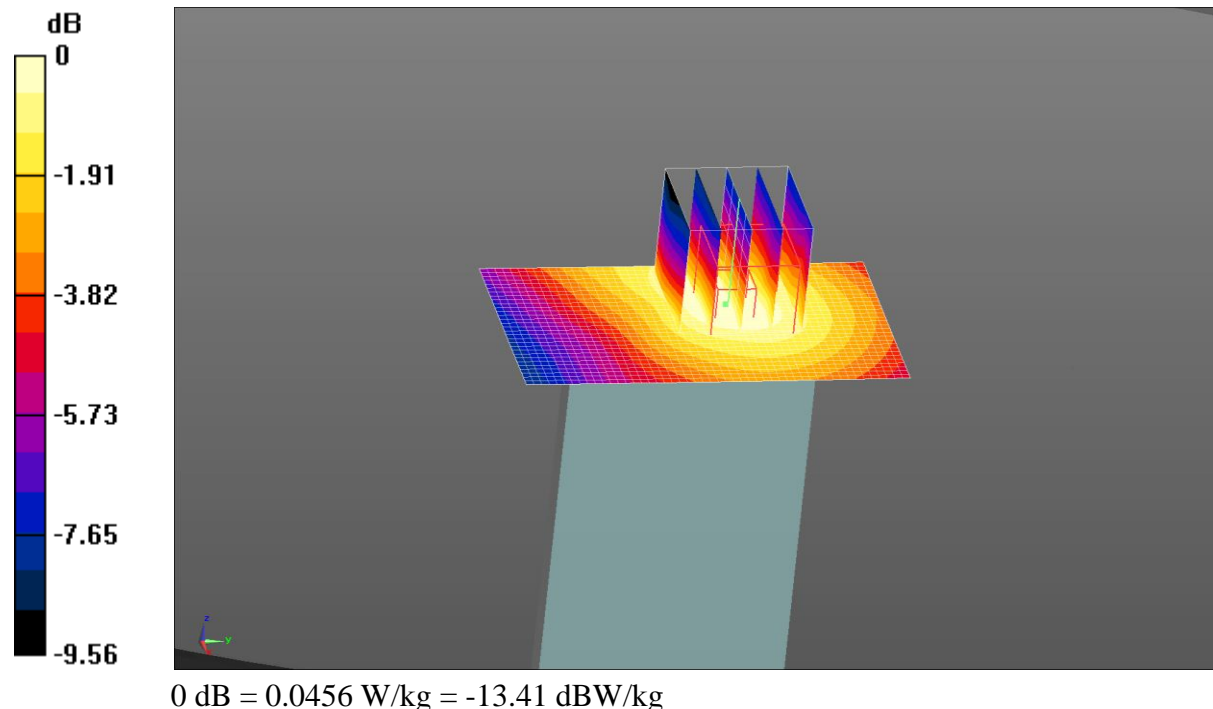**DUT: LTE mobile phone; Type: X3; Serial: 1#**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.982 S/m; ε_r = 54.498; ρ = 1000 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=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0548 W/kg

WCDMA 850 Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.875 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.0550 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0456 W/kg

0 dB = 0.0456 W/kg = -13.41 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 14:31:26
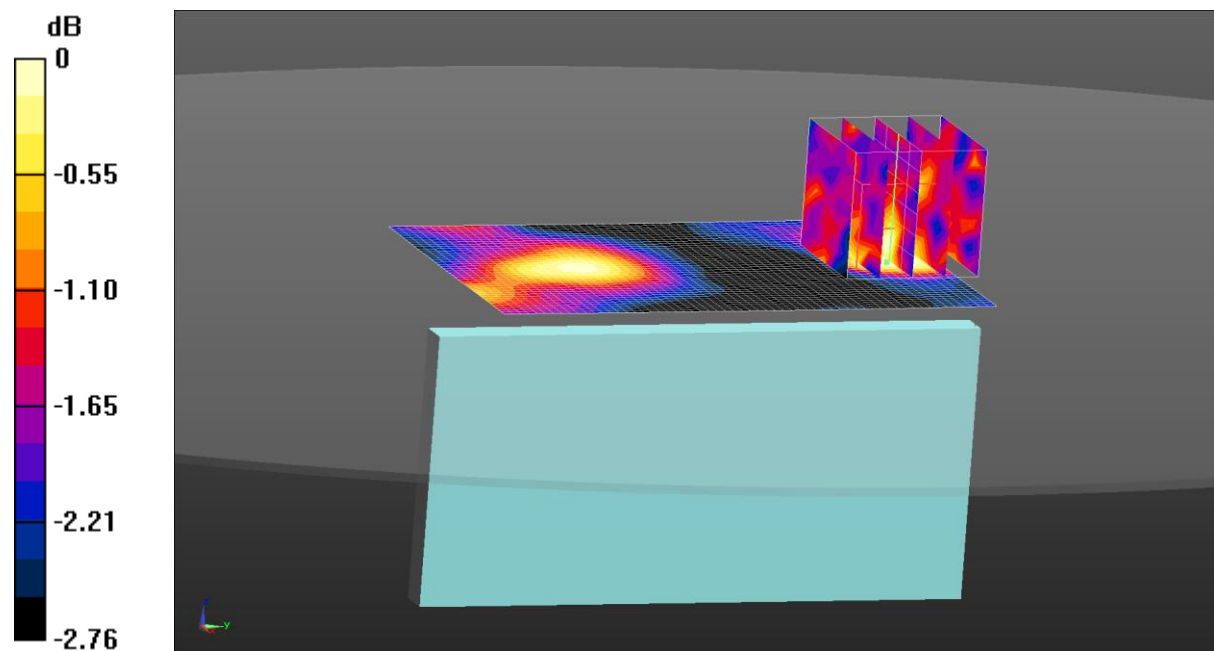
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.601 S/m; ε_r = 52.532; ρ = 1000 kg/m^3
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/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.00642 W/kg

WCDMA 1900 Body Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.713 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.00707 W/kg
SAR(1 g) = 0.00593 W/kg; SAR(10 g) = 0.00502 W/kg
Maximum value of SAR (measured) = 0.00639 W/kg

0 dB = 0.00639 W/kg = -21.94 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 14:44:30

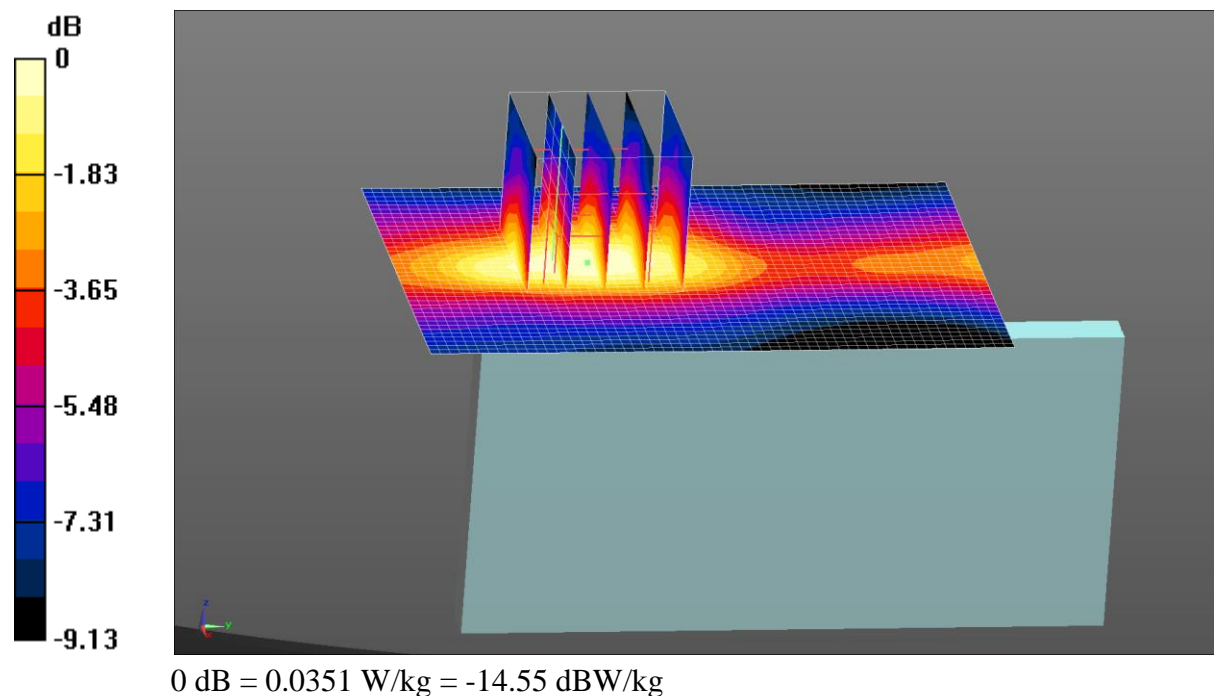**DUT: LTE mobile phone; Type: X3; Serial: 1#**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.601 S/m; $ε_r$ = 52.532; ρ = 1000 kg/m^3
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/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0348 W/kg

WCDMA 1900 Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.174 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0351 W/kg

0 dB = 0.0351 W/kg = -14.55 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 14:16:21
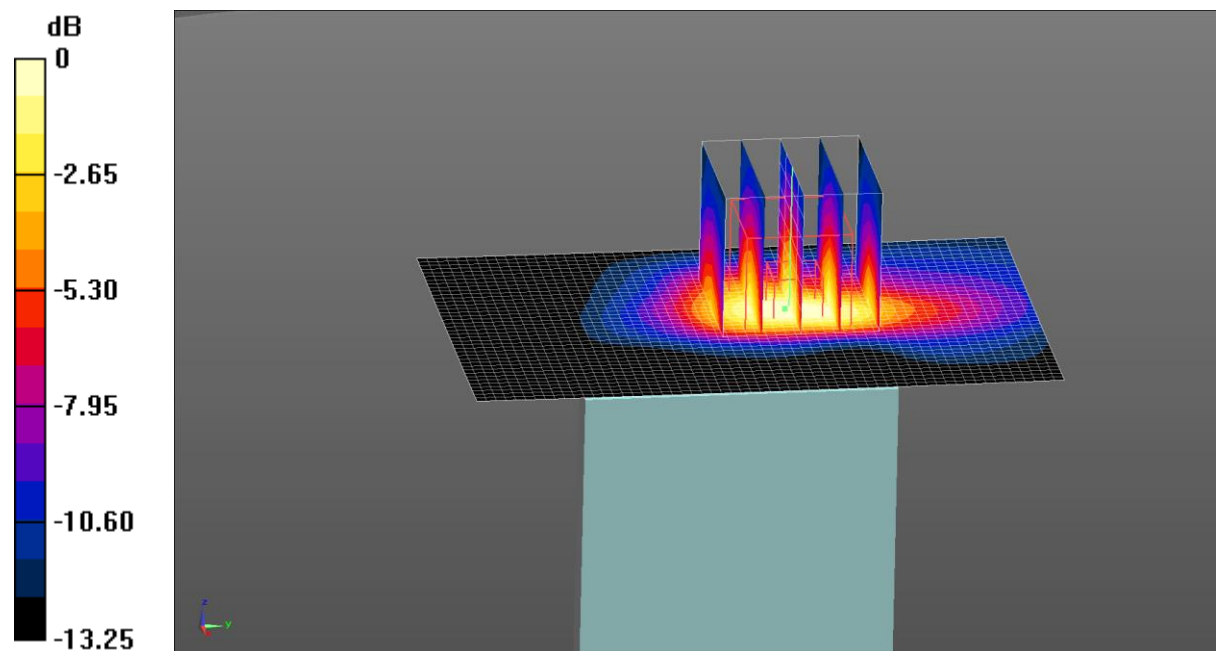
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.601 S/m; ε_r = 52.532; ρ = 1000 kg/m^3
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/Middle Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0882 W/kg

WCDMA 1900 Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.853 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.0854 W/kg

0 dB = 0.0854 W/kg = -10.69 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 22:08:28
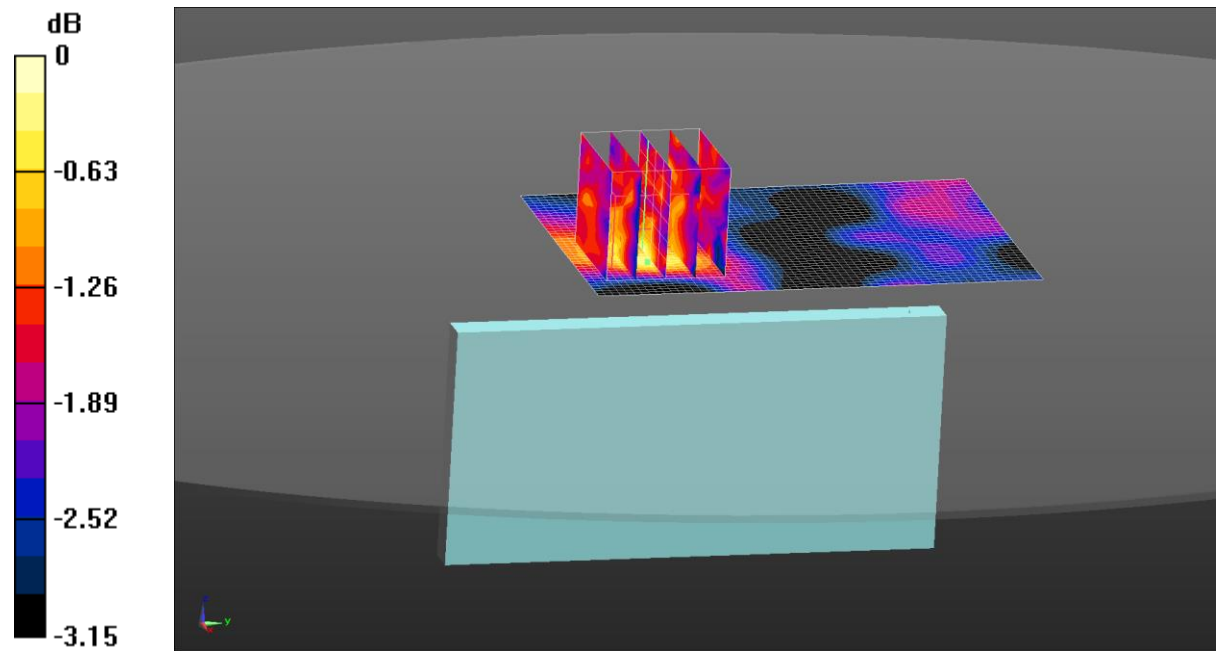
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.483 S/m; ε_r = 53.118; ρ = 1000 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)

WCDMA 1700 Body Left/High Channel/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.00552 W/kg

WCDMA 1700 Body Left/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.650 V/m; Power Drift = -0.27 dB
Peak SAR (extrapolated) = 0.00663 W/kg
SAR(1 g) = 0.00516 W/kg; SAR(10 g) = 0.00451 W/kg
Maximum value of SAR (measured) = 0.00589 W/kg

0 dB = 0.00589 W/kg = -22.30 dBW/kg

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Test Laboratory: CCIS   Date/Time: 04.03.2015 22:23:55
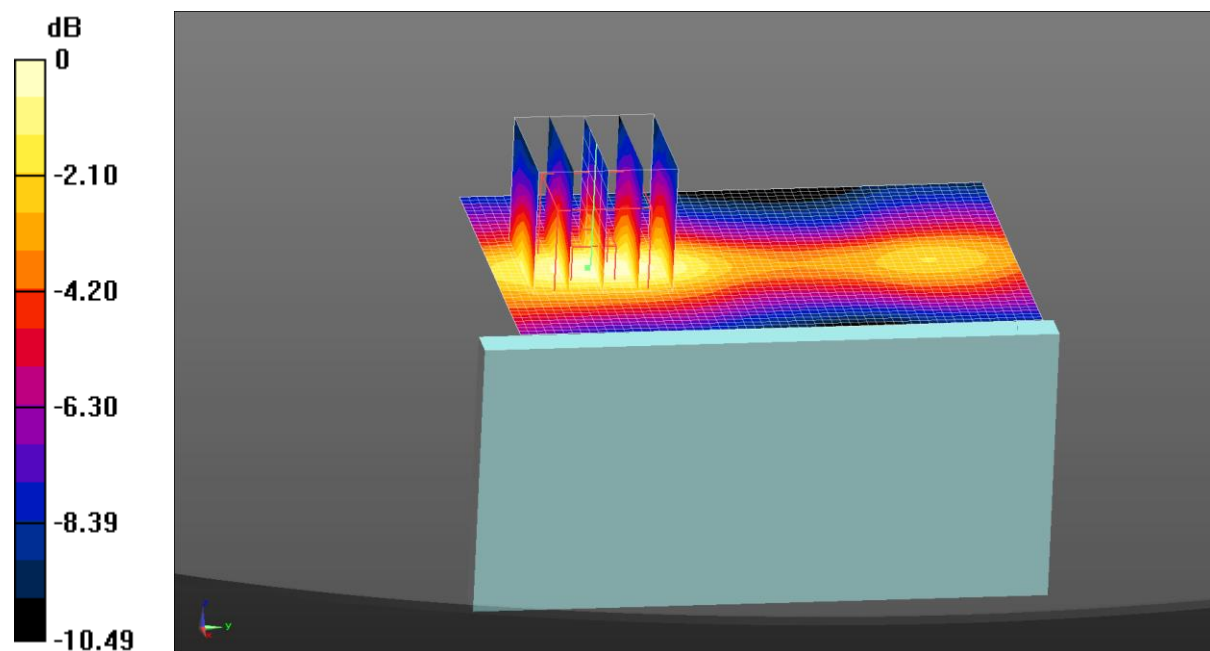
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.483 S/m; ε_r = 53.118; ρ = 1000 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)

WCDMA 1700 Body Right/High Channel/Area Scan (41x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0449 W/kg

WCDMA 1700 Body Right/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.699 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0466 W/kg

0 dB = 0.0466 W/kg = -13.32 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.03.2015 22:39:41
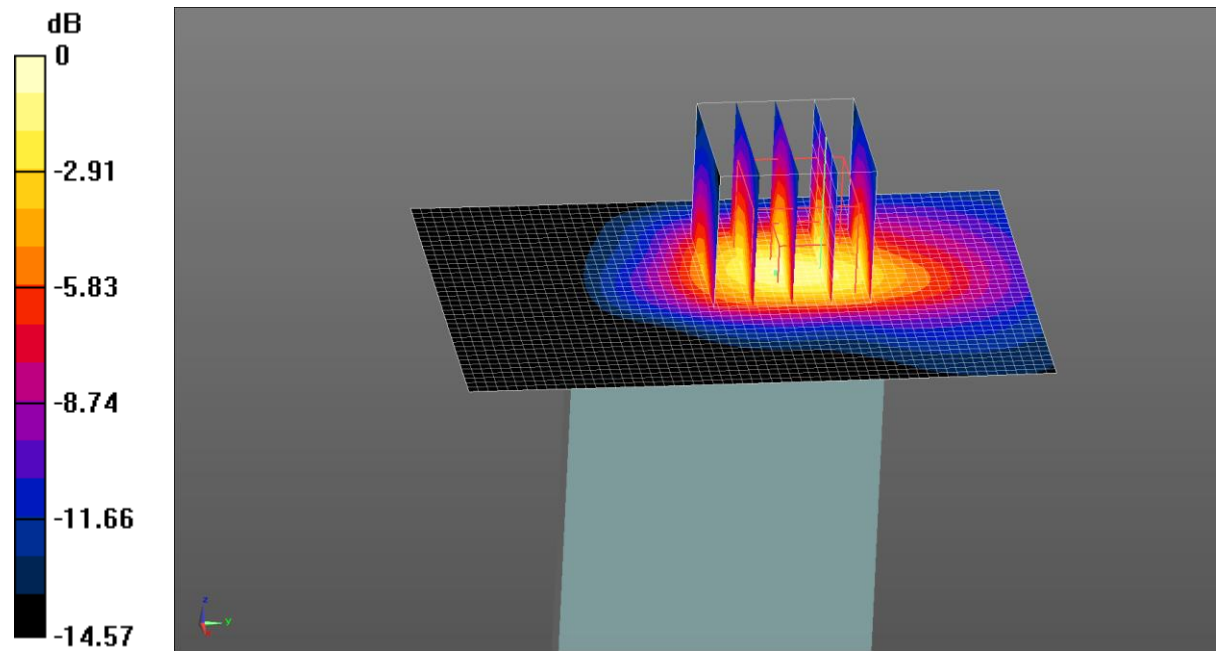
DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.483 S/m; ε_r = 53.118; ρ = 1000 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)

WCDMA 1700 Body Bottom/High Channel/Area Scan (41x61x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.123 W/kg

WCDMA 1700 Body Bottom/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.487 V/m; Power Drift = 0.33 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.151 W/kg

0 dB = 0.151 W/kg = -8.21 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 08:50:16

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Left/Middle Channel/Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0102 W/kg

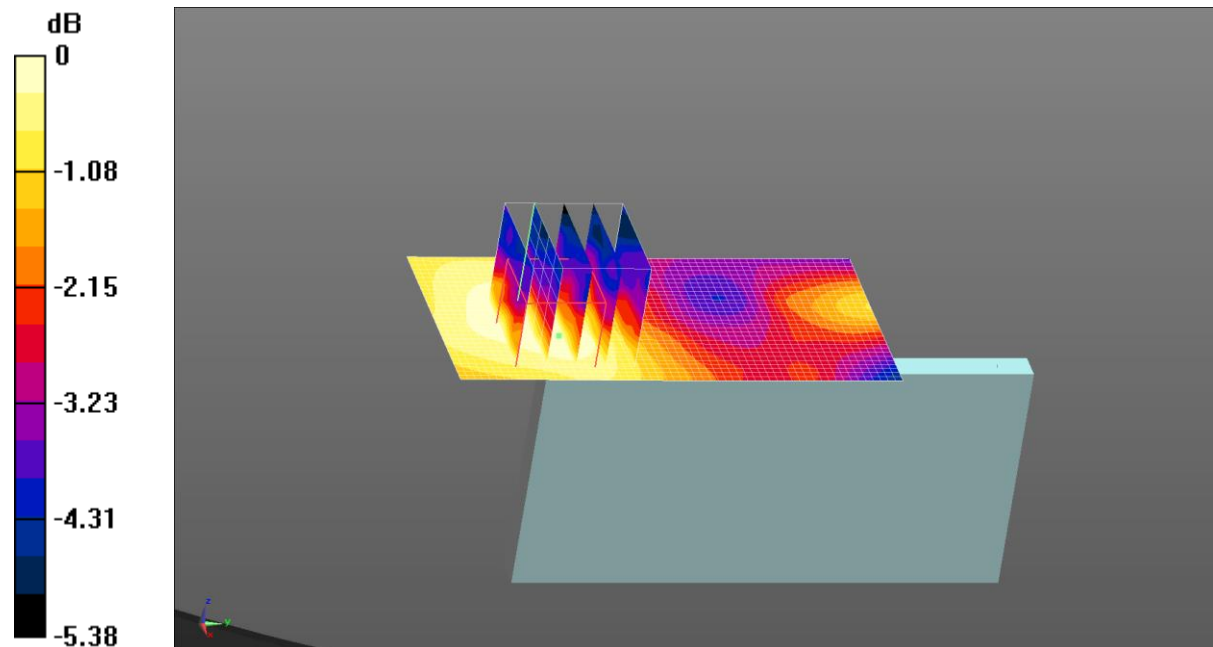**LTE Band 2 1RB Body Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.158 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.00875 W/kg; SAR(10 g) = 0.00676 W/kg
Maximum value of SAR (measured) = 0.0105 W/kg

0 dB = 0.0105 W/kg = -19.79 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 09:05:36

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Right/Middle Channel/Area Scan (31x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0513 W/kg

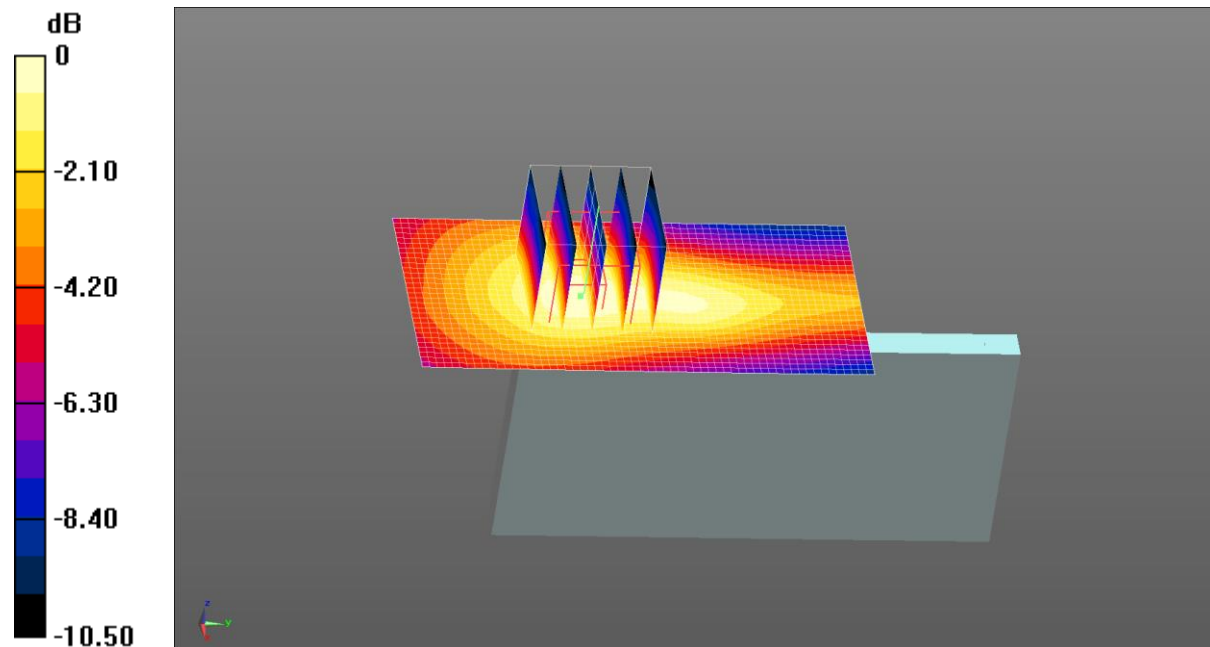**LTE Band 2 1RB Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.921 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0640 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0538 W/kg

0 dB = 0.0538 W/kg = -12.69 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 09:21:02

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Bottom/Middle Channel/Area Scan (31x51x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.271 W/kg

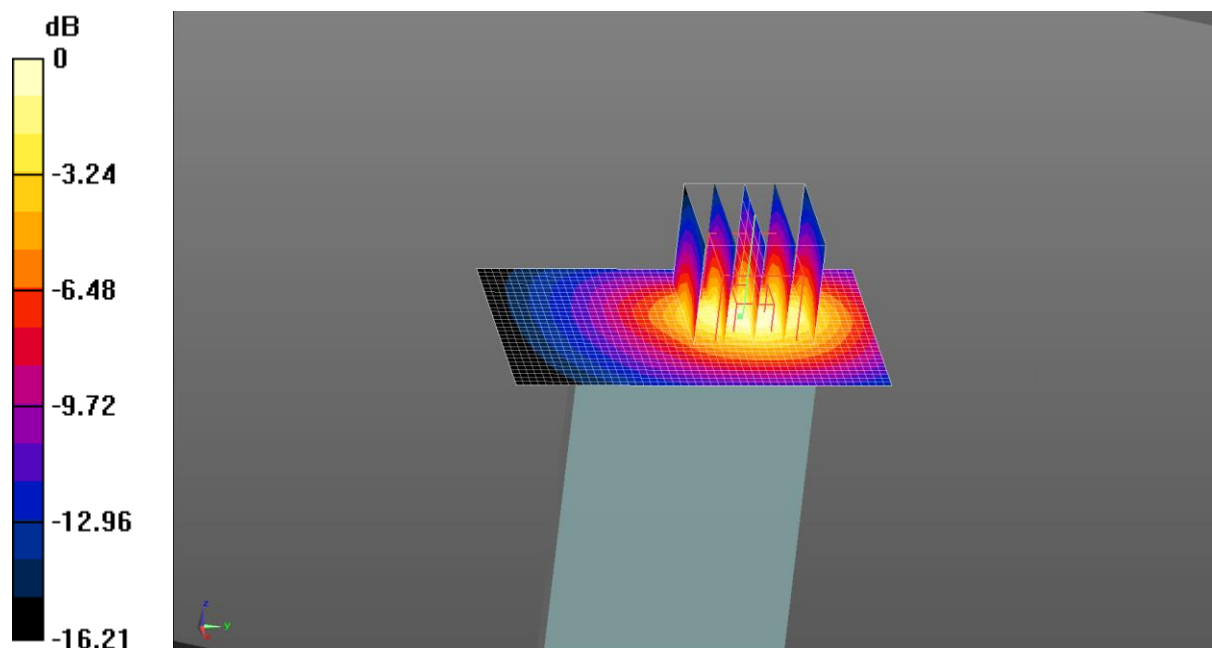**LTE Band 2 1RB Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.037 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.290 W/kg

0 dB = 0.290 W/kg = -5.38 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 13:43:38

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; $ε_r$ = 55.13; ρ = 1000 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 Body Left/Middle Channel/Area Scan (31x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0199 W/kg

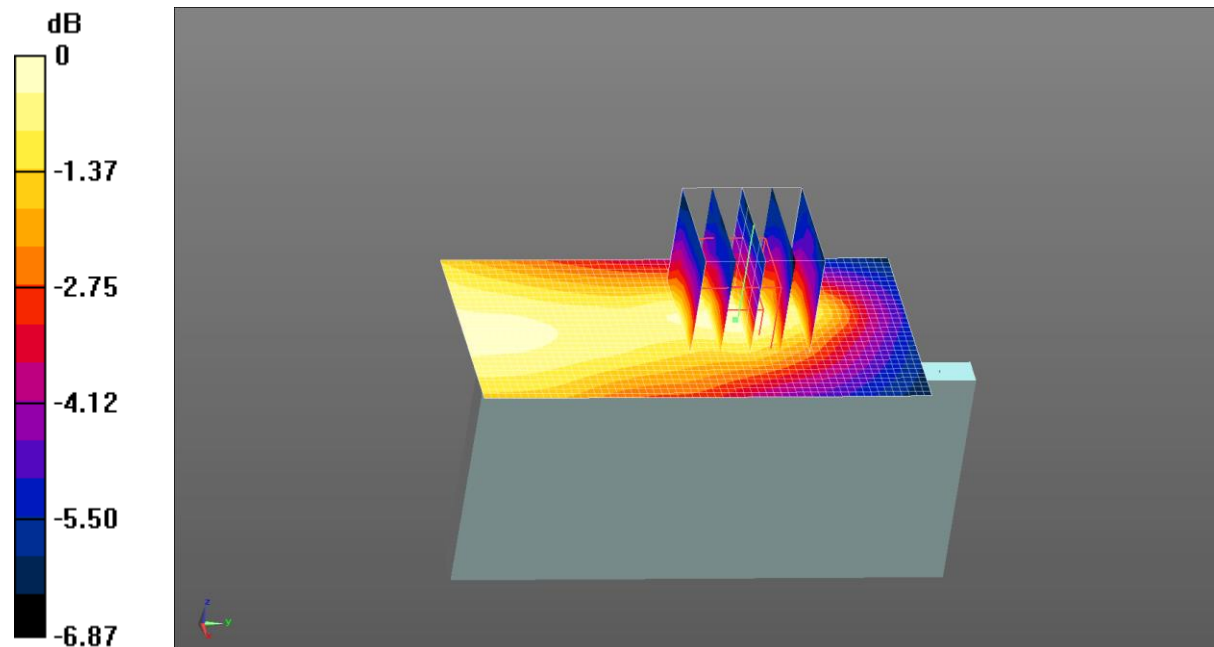**LTE Band 4 1RB Body Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**

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

Reference Value = 3.746 V/m; Power Drift = 0.40 dB

Peak SAR (extrapolated) = 0.0240 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0204 W/kg

0 dB = 0.0204 W/kg = -16.90 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 13:58:44

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000 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 Body Right/Middle Channel/Area Scan (31x71x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0708 W/kg

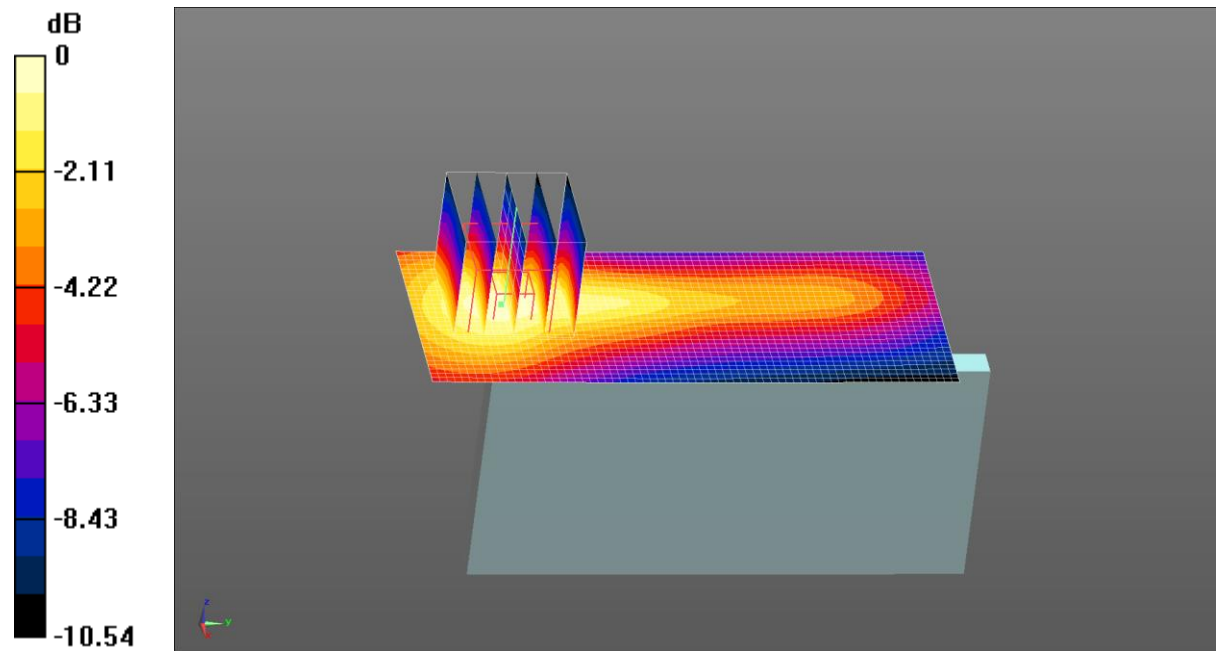## LTE Band 4 1RB Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.937 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0900 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.0749 W/kg

0 dB = 0.0749 W/kg = -11.26 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 14:14:10

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; $ε_r$ = 55.13; ρ = 1000 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 Body Bottom/Middle Channel/Area Scan (31x51x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.271 W/kg

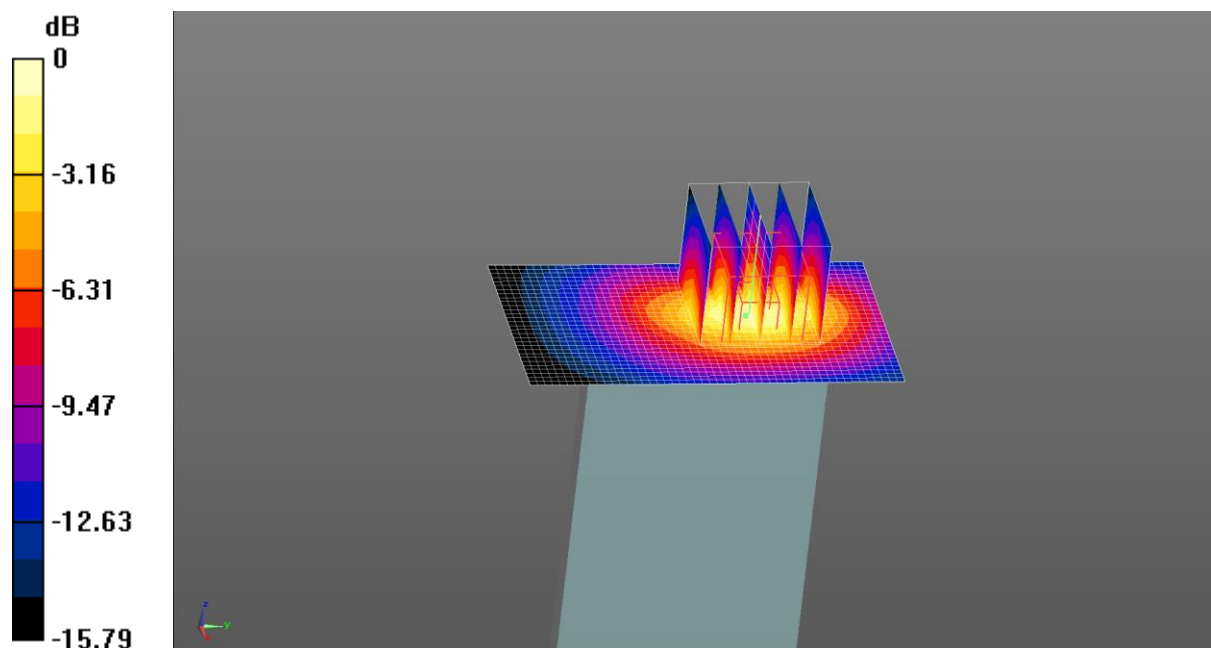## LTE Band 4 1RB Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.582 V/m; Power Drift = 0.23 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.338 W/kg

0 dB = 0.338 W/kg = -4.71 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 12:32:11

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 10MHz QPSK (0); Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 1RB Body Left/High Channel/Area Scan (31x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0359 W/kg

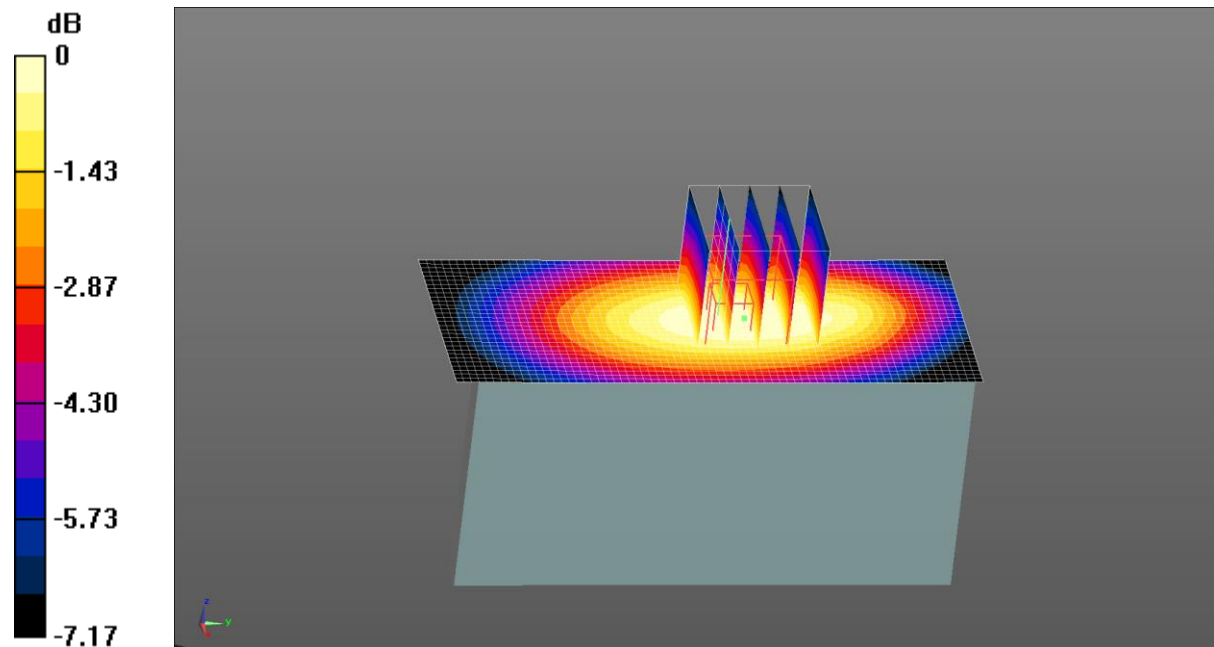**LTE Band 17 1RB Body Left/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.567 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0390 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0348 W/kg

0 dB = 0.0348 W/kg = -14.58 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 12:50:00

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 10MHz QPSK (0); Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 1RB Body Right/High Channel/Area Scan (31x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0587 W/kg

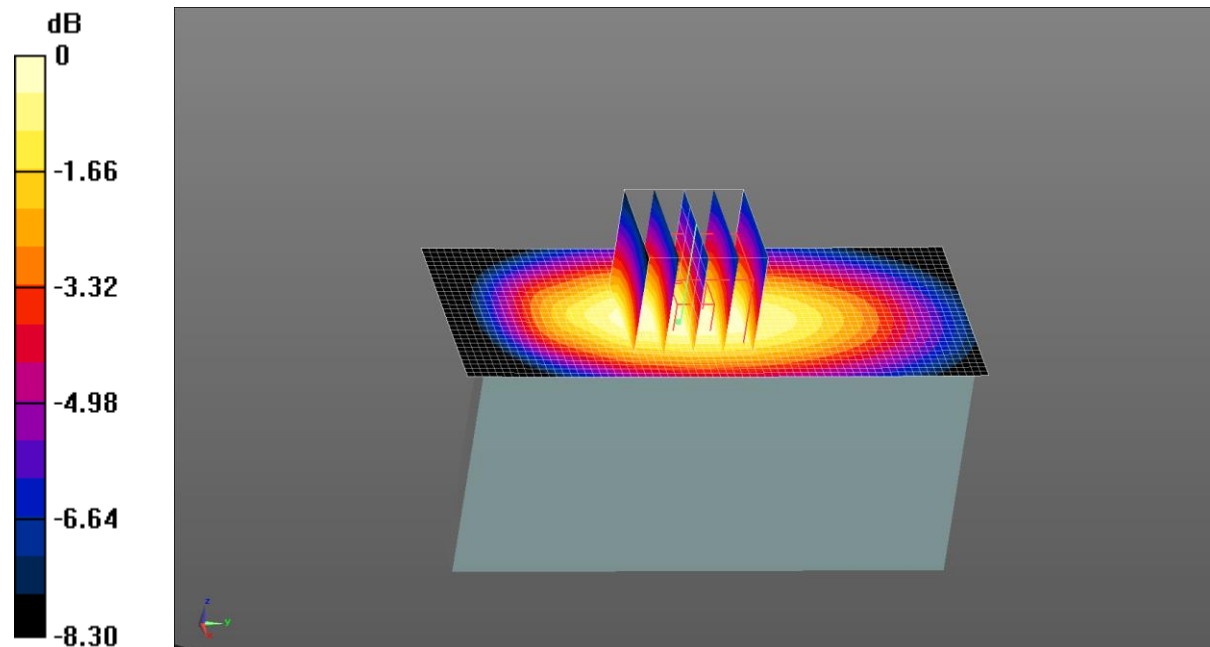**LTE Band 17 1RB Body Right/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.249 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0690 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.0608 W/kg

0 dB = 0.0608 W/kg = -12.16 dBW/kg

Test Laboratory: CCIS

Date/Time: 04.07.2015 13:05:10

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-Fdd(USA) 1RB 10MHz QPSK (0); Frequency: 711 MHz

Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.951$ S/m; $\varepsilon_r = 54.698$; $\rho = 1000$ kg/m^3

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 1RB Body Bottom/High Channel/Area Scan (31x51x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0161 W/kg

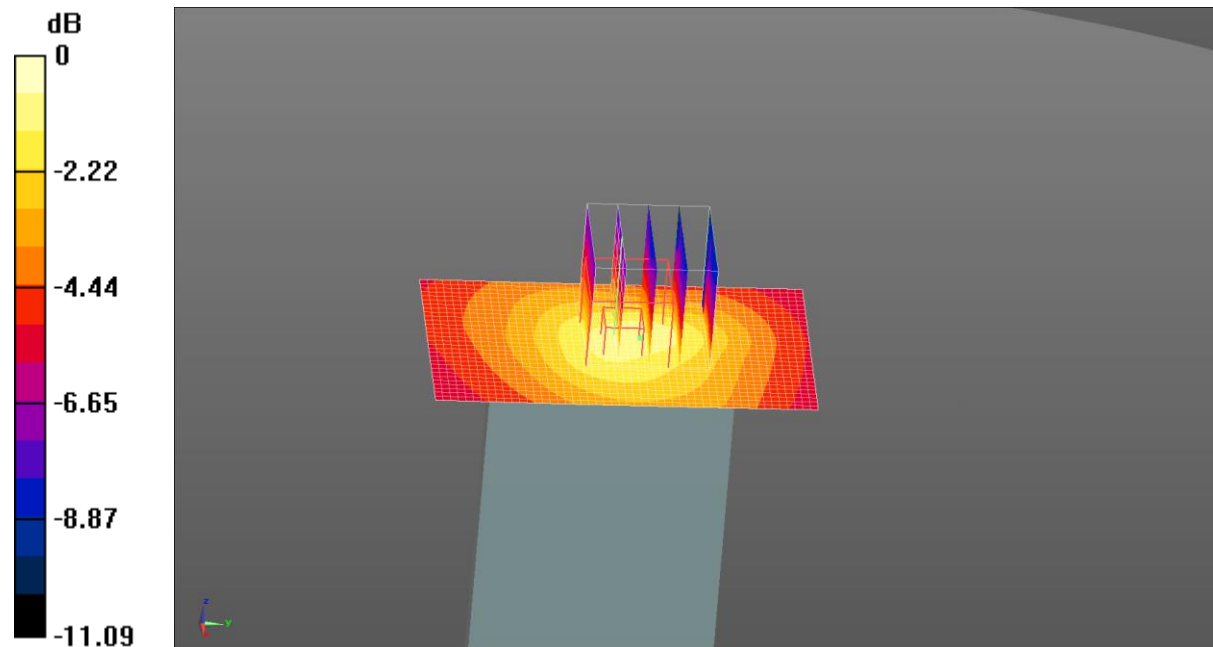**LTE Band 17 1RB Body Bottom/High Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.857 V/m; Power Drift = -0.32 dB
Peak SAR (extrapolated) = 0.0260 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00963 W/kg
Maximum value of SAR (measured) = 0.0192 W/kg

0 dB = 0.0192 W/kg = -17.17 dBW/kg

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Project No.: CCIS150300148RF

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Test Laboratory: CCIS

Date/Time: 04.06.2015 09:52:26

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3

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 Body Left/Middle Channel/Area Scan (31x61x1):

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

Maximum value of SAR (interpolated) = 0.00902 W/kg

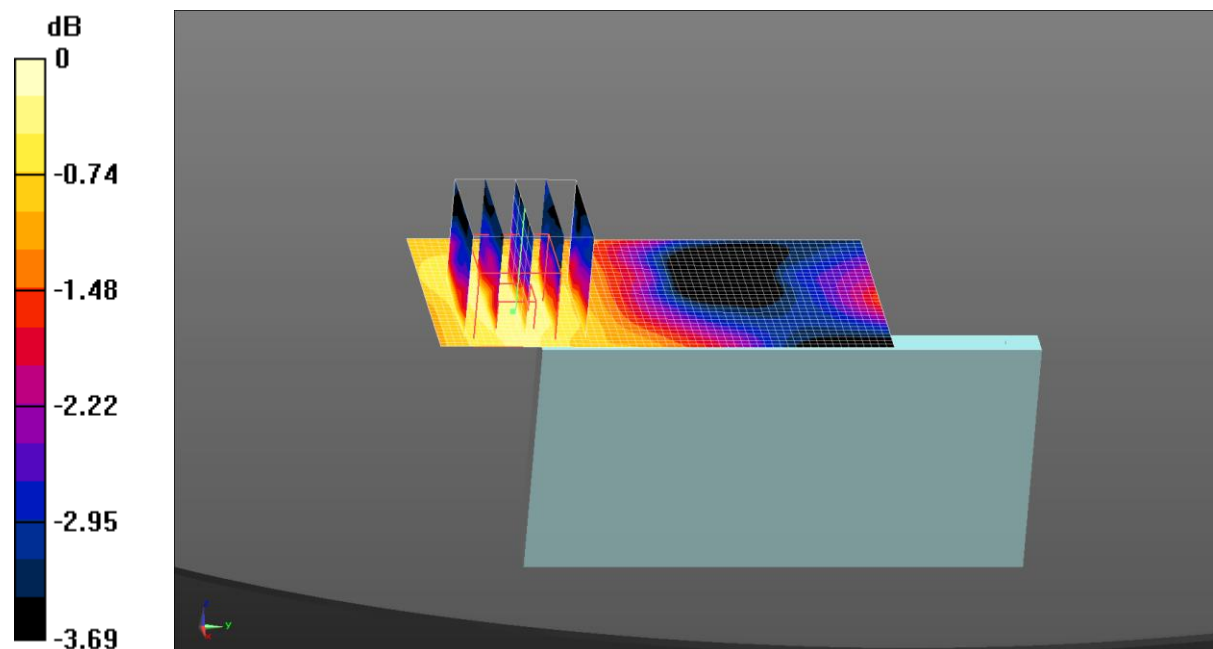## LTE Band 2 50%RB Body Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 1.895 V/m; Power Drift = 0.36 dB

Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00833 W/kg; SAR(10 g) = 0.00688 W/kg

Maximum value of SAR (measured) = 0.00968 W/kg

0 dB = 0.00968 W/kg = -20.14 dBW/kg

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Project No.: CCIS150300148RF

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Test Laboratory: CCIS   Date/Time: 04.06.2015 10:06:30

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Right/Middle Channel/Area Scan (31x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0409 W/kg

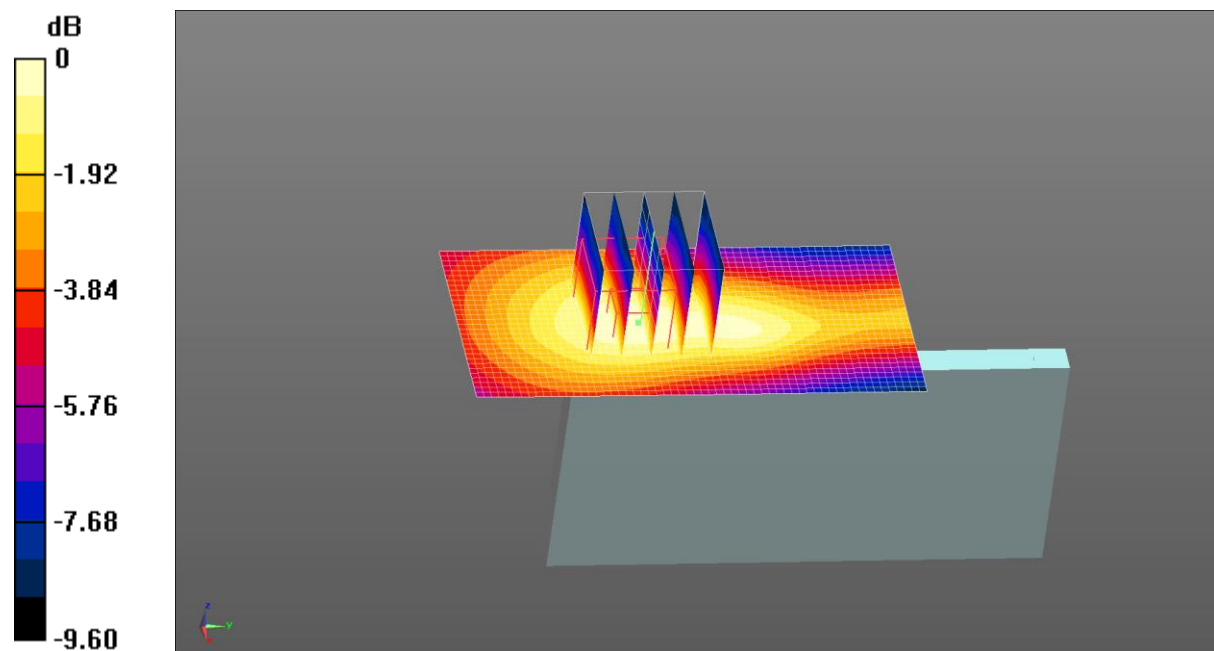**LTE Band 2 50%RB Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0:**
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.472 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0423 W/kg

0 dB = 0.0423 W/kg = -13.74 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 09:37:07

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
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 Body Bottom/Middle Channel/Area Scan (31x51x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

LTE Band 2 50%RB Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube

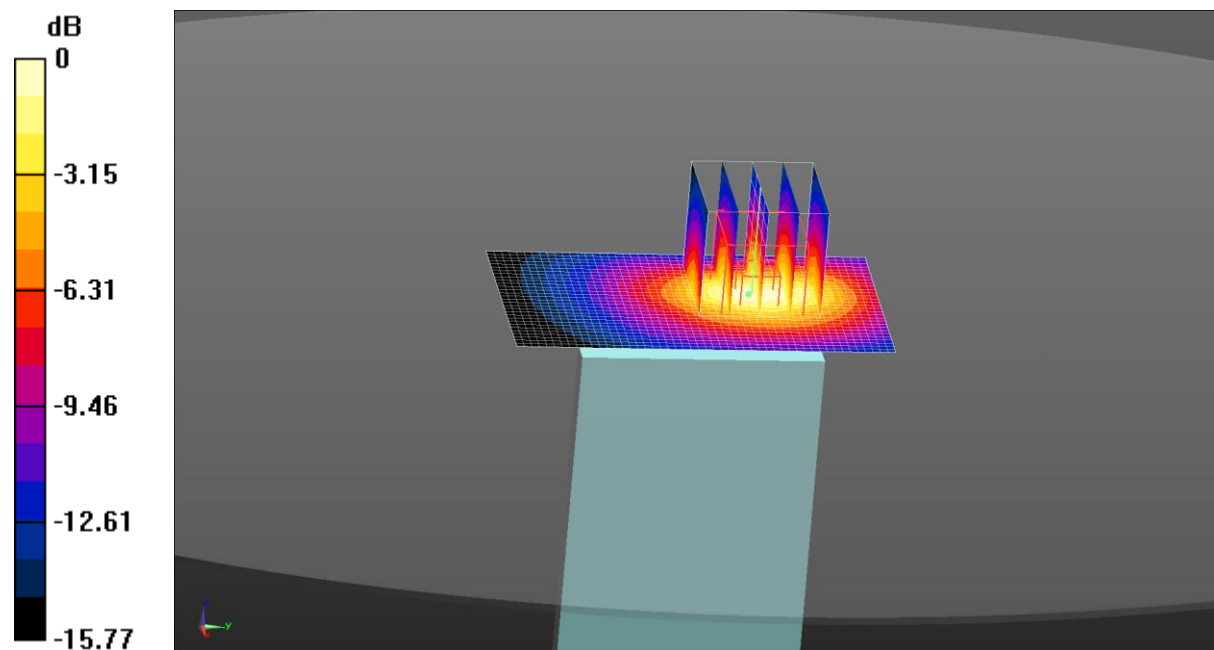**0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.859 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.257 W/kg

0 dB = 0.257 W/kg = -5.90 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 15:06:19

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000 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 50%RB Body Left/Middle Channel/Area Scan (31x71x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.02584 W/kg

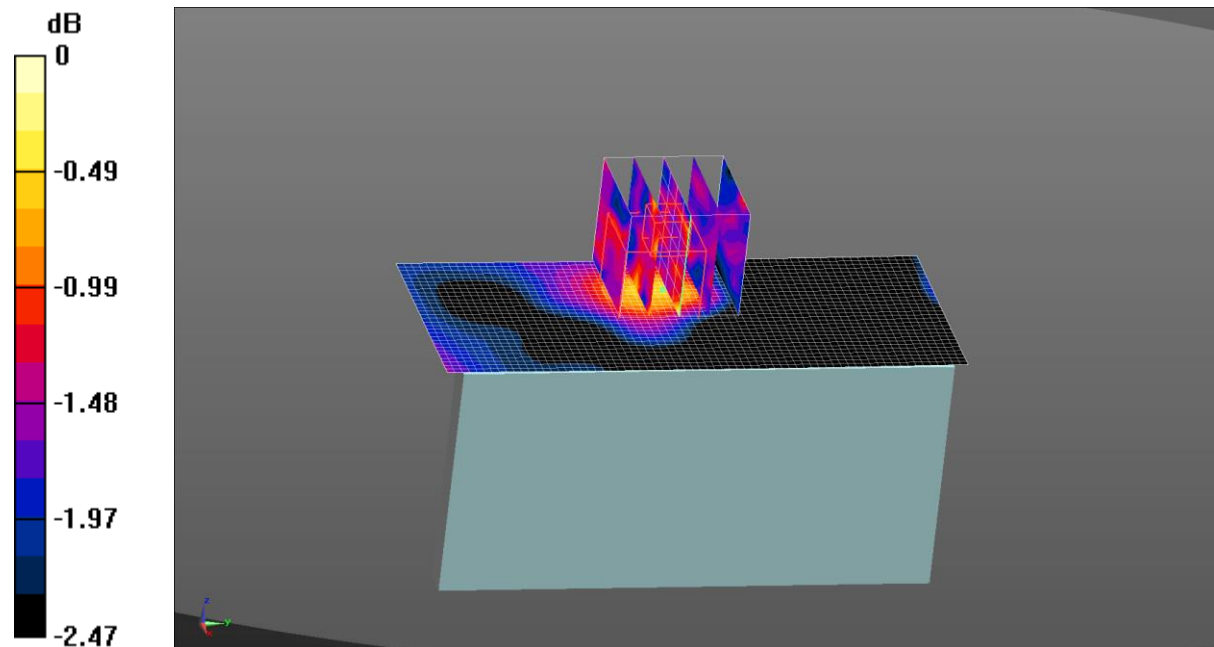## LTE Band 4 50%RB Body Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.903 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 0.02808 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.0018W/kg
Maximum value of SAR (measured) = 0.0266 W/kg

0 dB = 0.0266 W/kg = -15.75 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.06.2015 15:21:29

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency:
1732.5 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000
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 50%RB Body Right/Middle Channel/Area Scan (31x71x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0367 W/kg

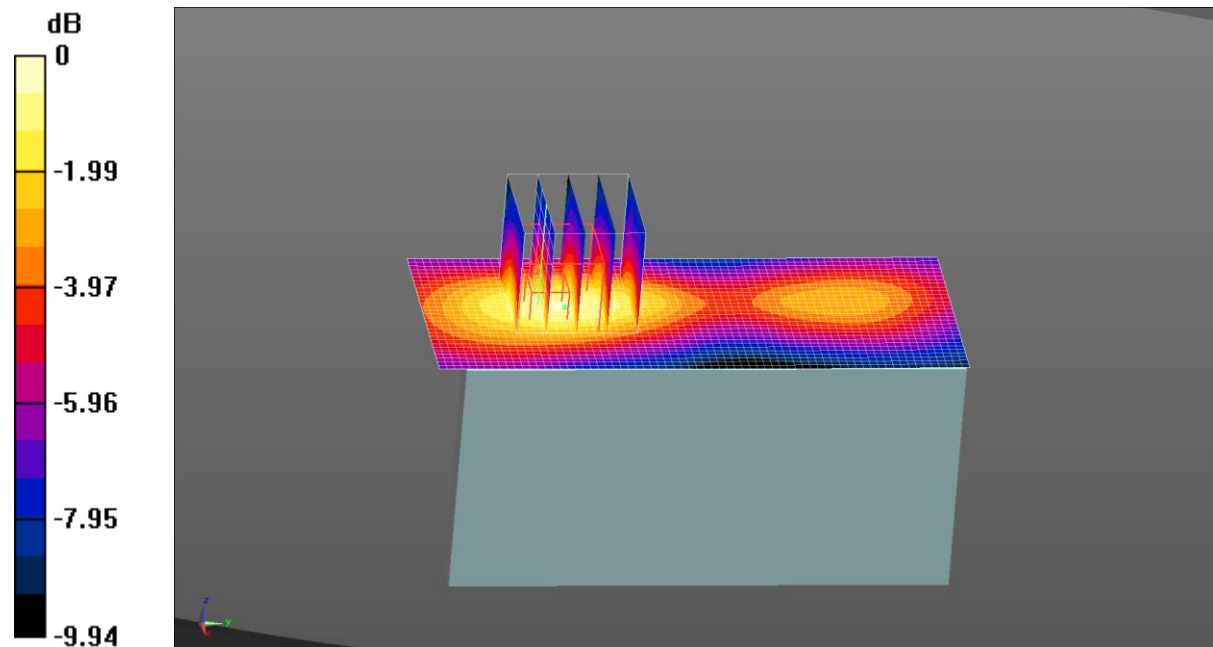## LTE Band 4 50%RB Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.371 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0415 W/kg

0 dB = 0.0415 W/kg = -13.82 dBW/kg

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Test Laboratory: CCIS

Date/Time: 04.06.2015 14:51:41

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD(USA) 50%RB 20MHz QPSK (0); Frequency: 1732.5 MHz

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.505 S/m; ε_r = 55.13; ρ = 1000 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 50%RB Body Bottom/Middle Channel/Area Scan (31x51x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.301 W/kg

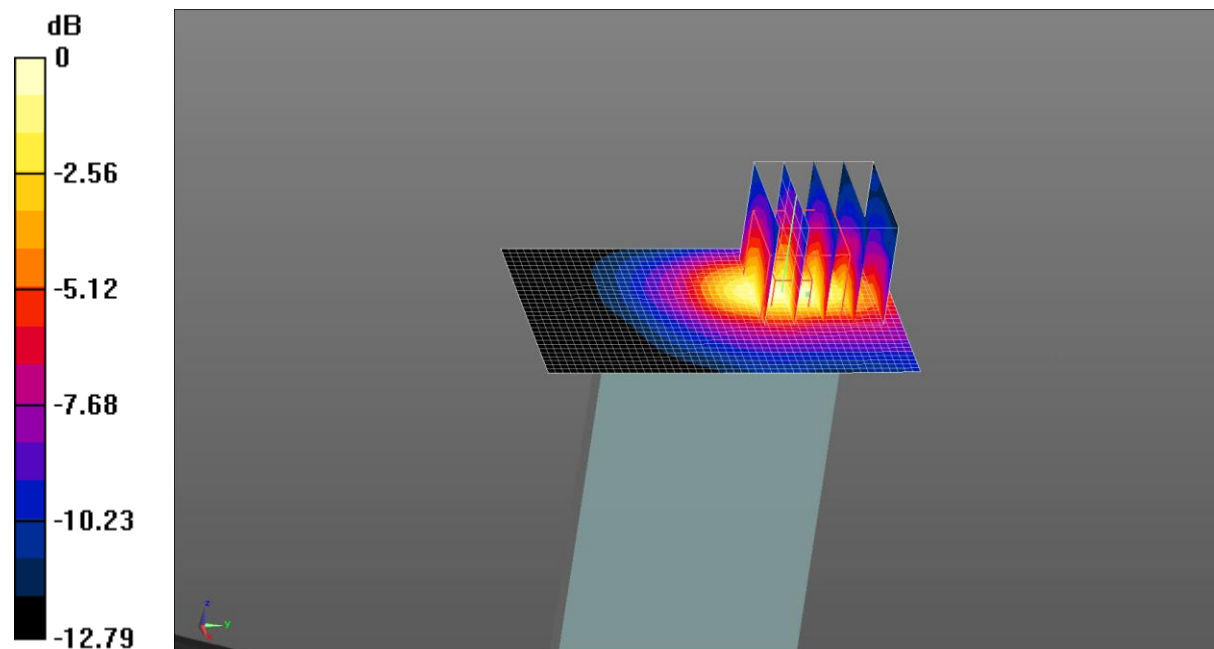## LTE Band 4 50%RB Body Bottom/Middle Channel/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.453 V/m; Power Drift = 0.26 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.347 W/kg

0 dB = 0.347 W/kg = -4.6 dBW/kg

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No.B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,
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Project No.: CCIS150300148RF

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Test Laboratory: CCIS   Date/Time: 04.07.2015 14:22:40

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε$_r$ = 54.698; ρ = 1000
kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

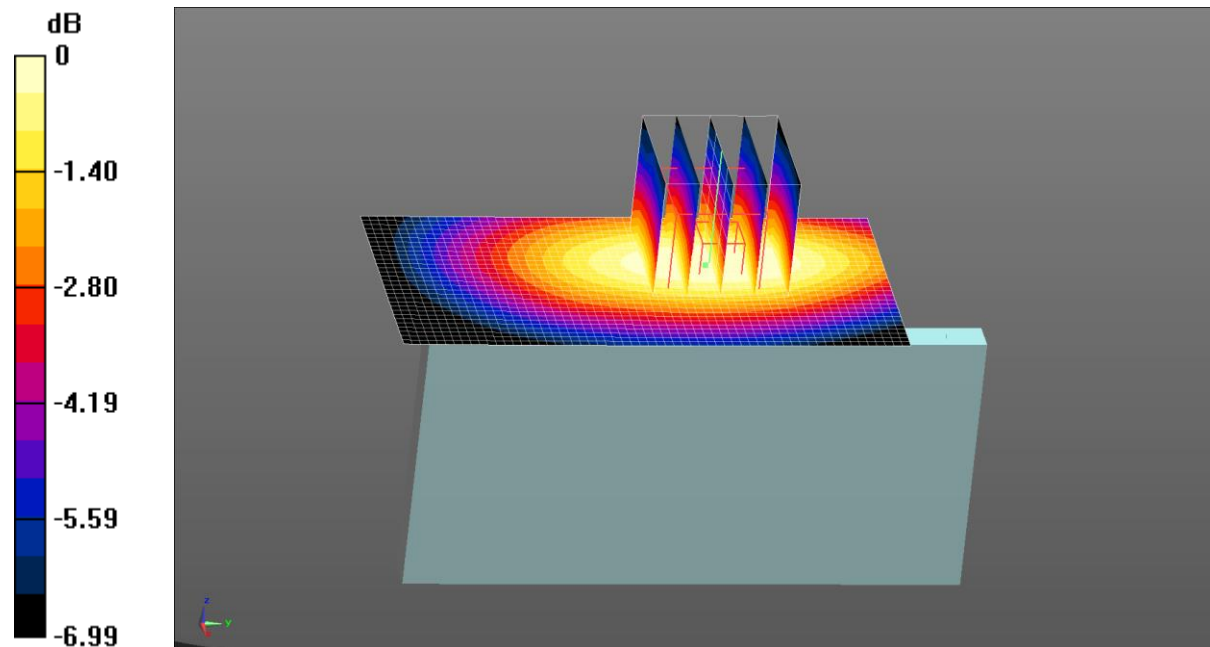- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); Calibrated: 06.20.2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1373; Calibrated: 06.11.2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1208
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LTE Band 17 50%RB Body Left/High Channel/Area Scan (31x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0290 W/kg

LTE Band 17 50%RB Body Left/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.616 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0290 W/kg

0 dB = 0.0290 W/kg = -15.38 dBW/kg

Shenzhen Zhongjian Nanfang Testing Co., Ltd.   Project No.: CCIS150300148RF
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Test Laboratory: CCIS   Date/Time: 04.07.2015 14:36:48

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
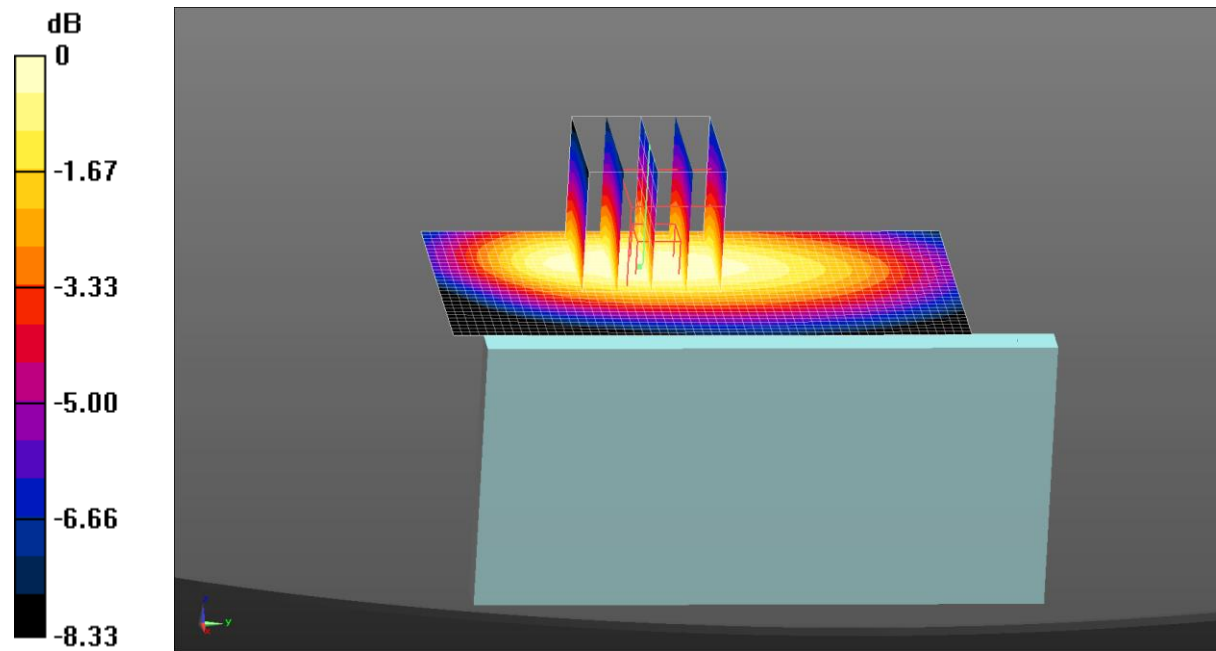Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 50%RB Body Right/High Channel/Area Scan (31x61x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0523 W/kg

LTE Band 17 50%RB Body Right/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.982 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0580 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0518 W/kg

0 dB = 0.0518 W/kg = -12.86 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.07.2015 13:34:29

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, LTE-FDD Band 17 (USA) 50%RB 10MHz QPSK (0);
Frequency: 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.951 S/m; ε_r = 54.698; ρ = 1000 kg/m^3
Phantom section: Flat Section
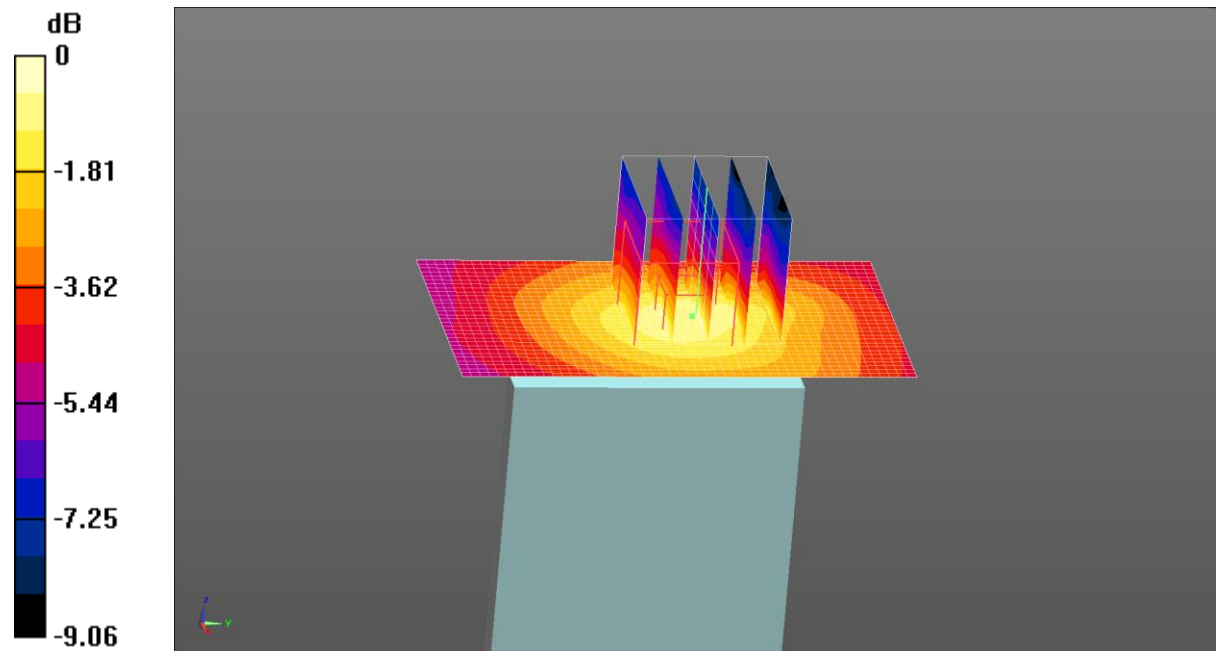Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.99, 9.99, 9.99); 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 17 50%RB Body Bottom/High Channel/Area Scan (31x51x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0132 W/kg

LTE Band 17 50%RB Body Bottom/High Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.397 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0200 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.008 W/kg
Maximum value of SAR (measured) = 0.0154 W/kg

0 dB = 0.0154 W/kg = -18.12 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.04.2015 09:26:19

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.977 S/m; ε_r = 52.655; ρ = 1000 kg/m^3
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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Right/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.591 V/m; Power Drift = 0.30 dB
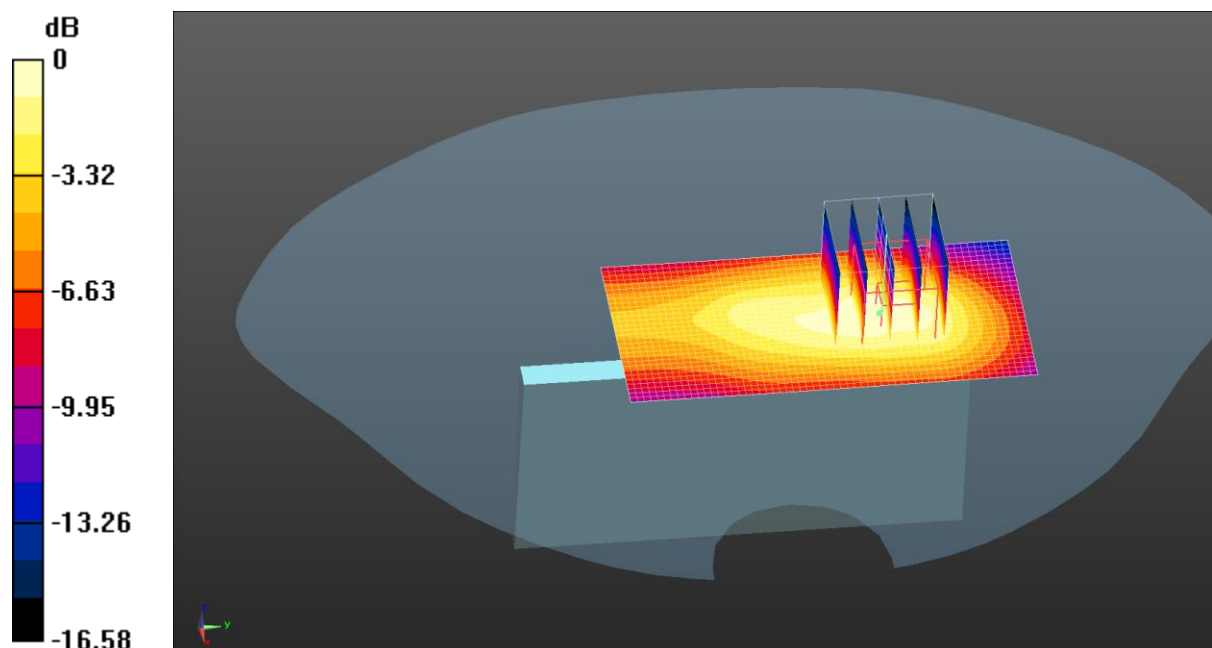Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.427 W/kg

WIFI Body Right/Middle Channel/Area Scan (31x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.355 W/kg

0 dB = 0.355 W/kg = -4.50 dBW/kg

Test Laboratory: CCIS   Date/Time: 04.04.2015 09:47:42

DUT: LTE mobile phone; Type: X3; Serial: 1#

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Frequency: 2437 MHz
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.977$ S/m; $\varepsilon_r = 52.655$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section
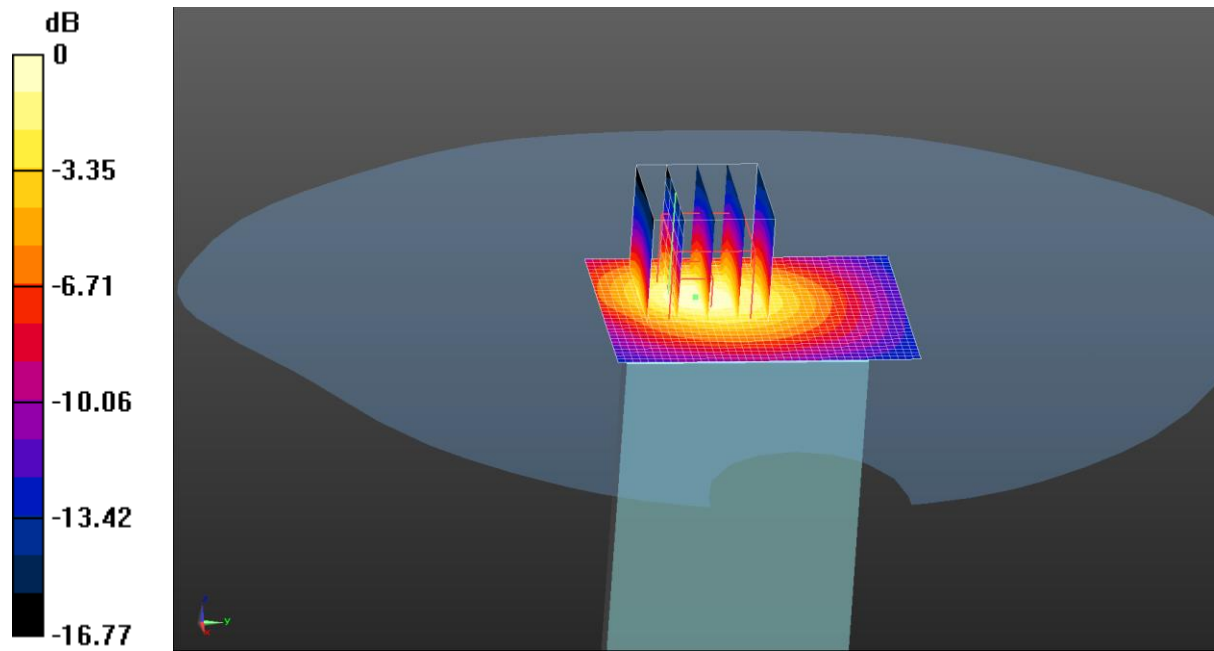Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 with CRP; Type: QD000P40CD; Serial: 1765
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WIFI Body Top/Middle Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.131 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.259 W/kg

WIFI Body Top/Middle Channel/Area Scan (31x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.295 W/kg

0 dB = 0.295 W/kg = -5.30 dBW/kg