Test Plot 1#: GSM 850_Head Flat_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8

Medium parameters used: 836.6 MHz; $\sigma = 0.895$ S/m; $\varepsilon_r = 43.121$; $\rho = 1000$ kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

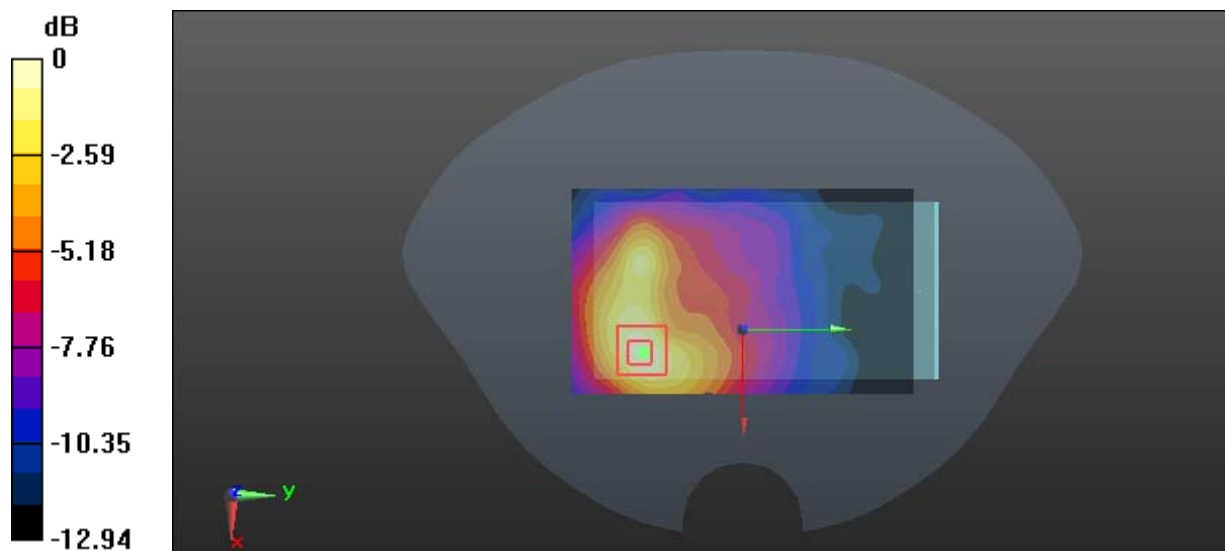Maximum value of SAR (interpolated) = 0.168 W/kg

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

Reference Value = 6.686 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.084 W/kg

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

0 dB = 0.164 W/kg = -7.85 dBW/kg

Test Plot 2#: GSM 850_ Body Worn Back_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8

Medium parameters used: 836.6 MHz; σ = 0.948 S/m; ε_r = 55.401; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

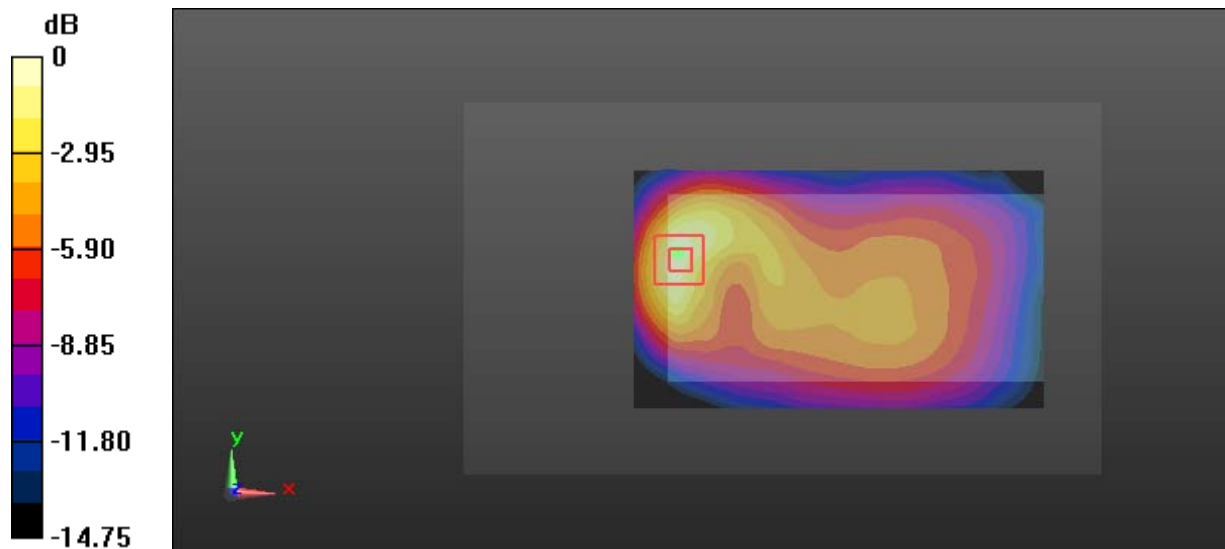Maximum value of SAR (interpolated) = 0.284 W/kg

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

Reference Value = 10.71 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.281 W/kg

0 dB = 0.281 W/kg = -5.51 dBW/kg

Test Plot 3#: GSM 850_Body Back_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 836.6 MHz;Duty Cycle: 1:2

Medium parameters used: 836.6 MHz; σ = 0.948 S/m; ε_r = 55.401; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
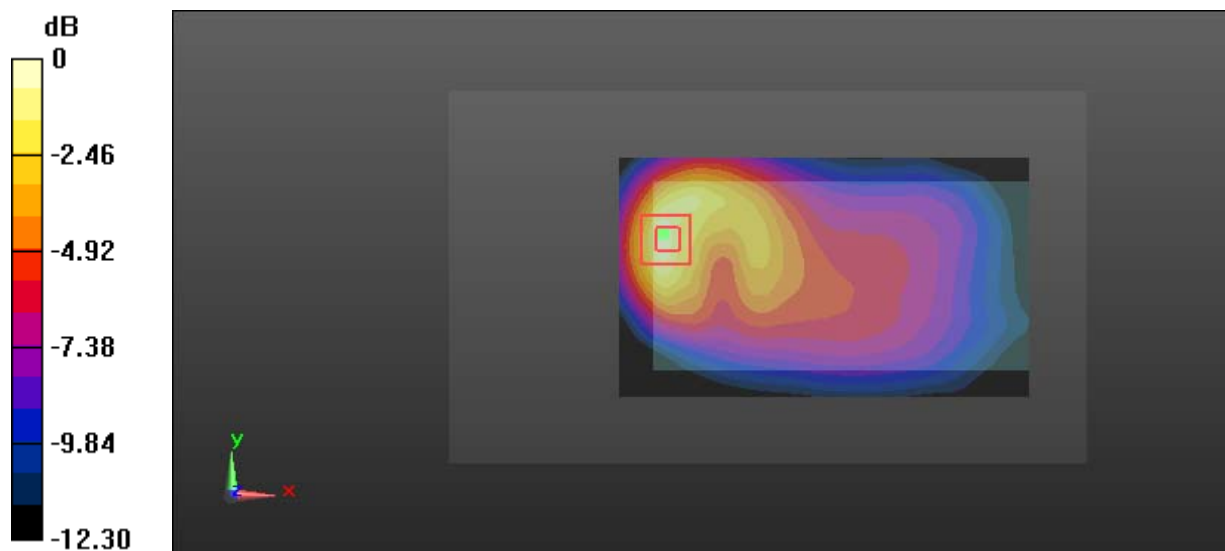
Maximum value of SAR (interpolated) = 0.341 W/kg

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

Reference Value = 12.15 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.369 W/kg

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

Test Plot 4#: GSM 850_Body Left_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 836.6 MHz;Duty Cycle: 1:2

Medium parameters used: 836.6 MHz; $\sigma = 0.948$ S/m; $\varepsilon_r = 55.401$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
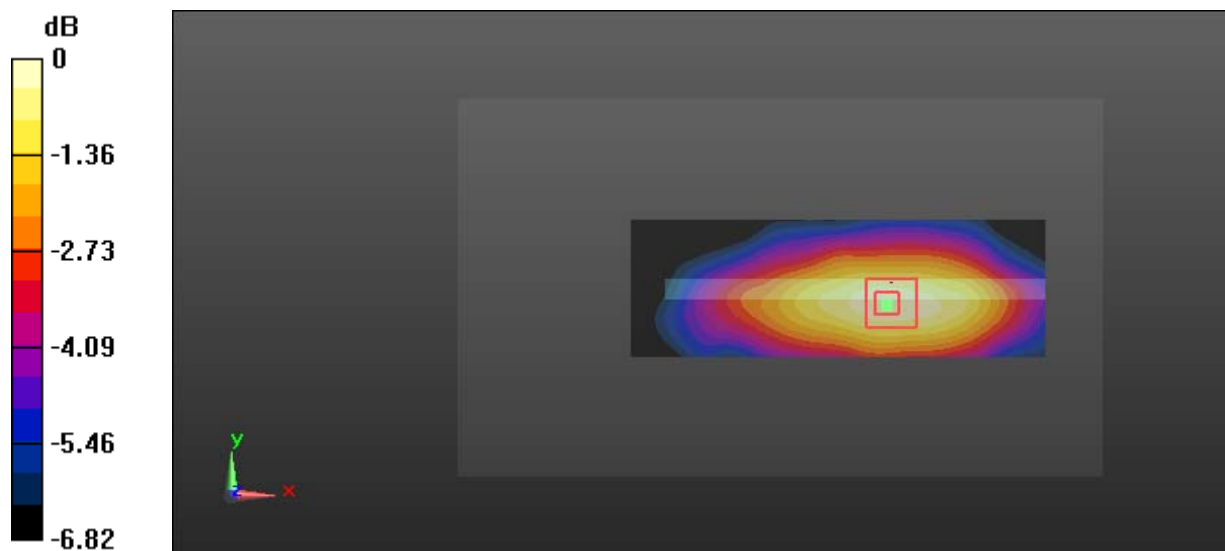
Maximum value of SAR (interpolated) = 0.160 W/kg

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

Reference Value = 6.239 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.15 W/kg; SAR(10 g) = 0.11 W/kg

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

0 dB = 0.163 W/kg = -7.88 dBW/kg

Test Plot 5#: GSM 850_Body Right_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 836.6 MHz;Duty Cycle: 1:2
Medium parameters used: 836.6 MHz; $\sigma = 0.948$ S/m; $\varepsilon_r = 55.401$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
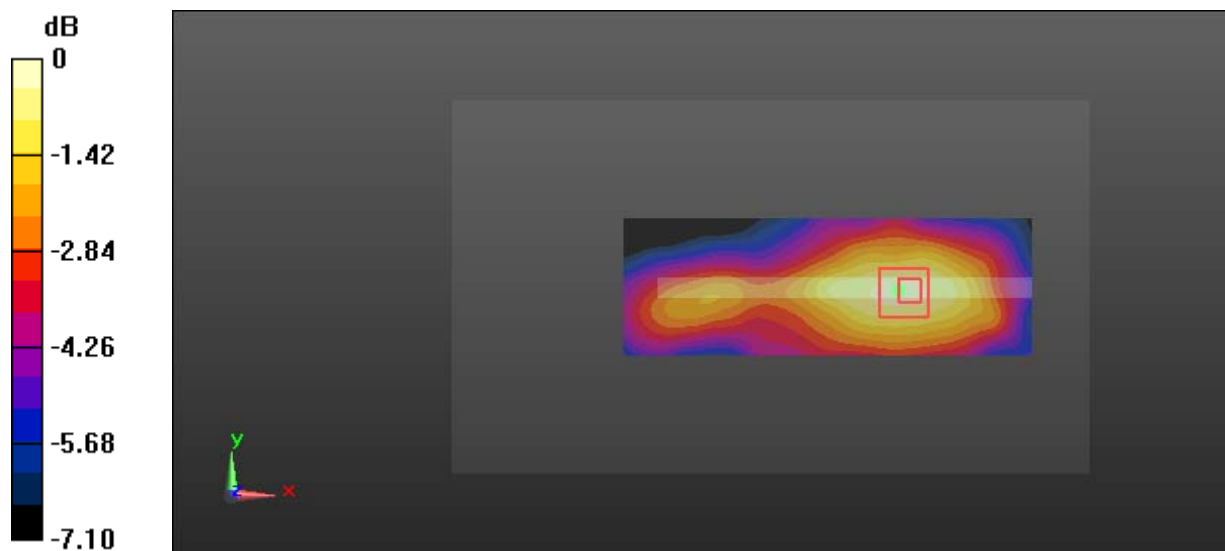Maximum value of SAR (interpolated) = 0.0838 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.153 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.0817 W/kg; SAR(10 g) = 0.0604 W/kg
Maximum value of SAR (measured) = 0.0871 W/kg

0 dB = 0.0871 W/kg = -10.60 dBW/kg

Test Plot 6#: GSM 850_Body Bottom_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 836.6 MHz;Duty Cycle: 1:2

Medium parameters used: 836.6 MHz; σ = 0.948 S/m; ε_r = 55.401; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
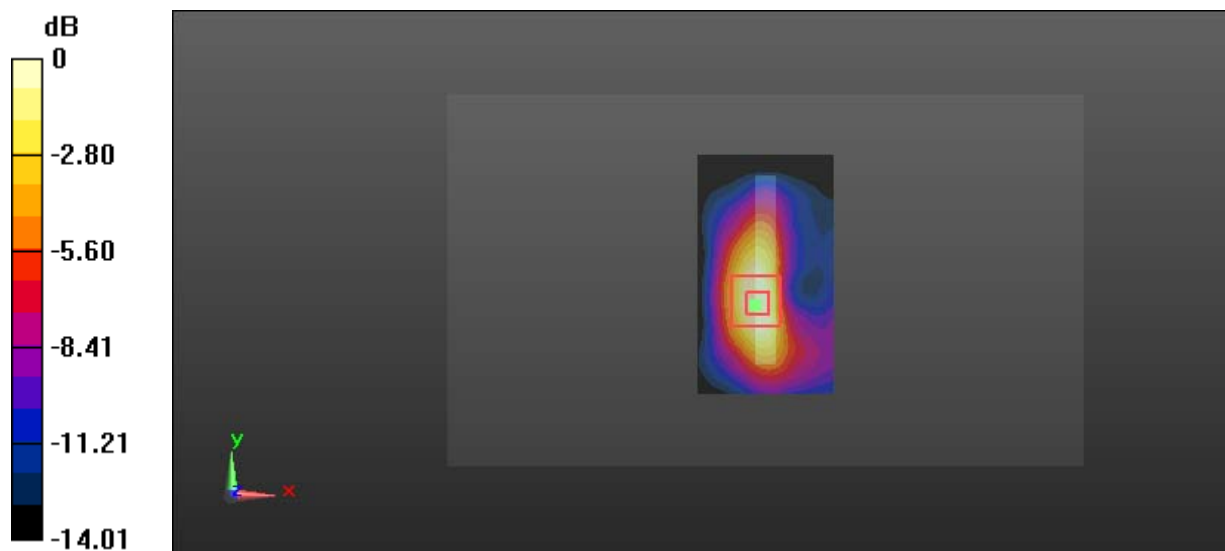
Maximum value of SAR (interpolated) = 0.434 W/kg

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

Reference Value = 13.94 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.33 W/kg; SAR(10 g) = 0.18 W/kg

Maximum value of SAR (measured) = 0.371 W/kg

0 dB = 0.371 W/kg = -4.31 dBW/kg

Test Plot 7#: GSM 1900_Head Left Cheek_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

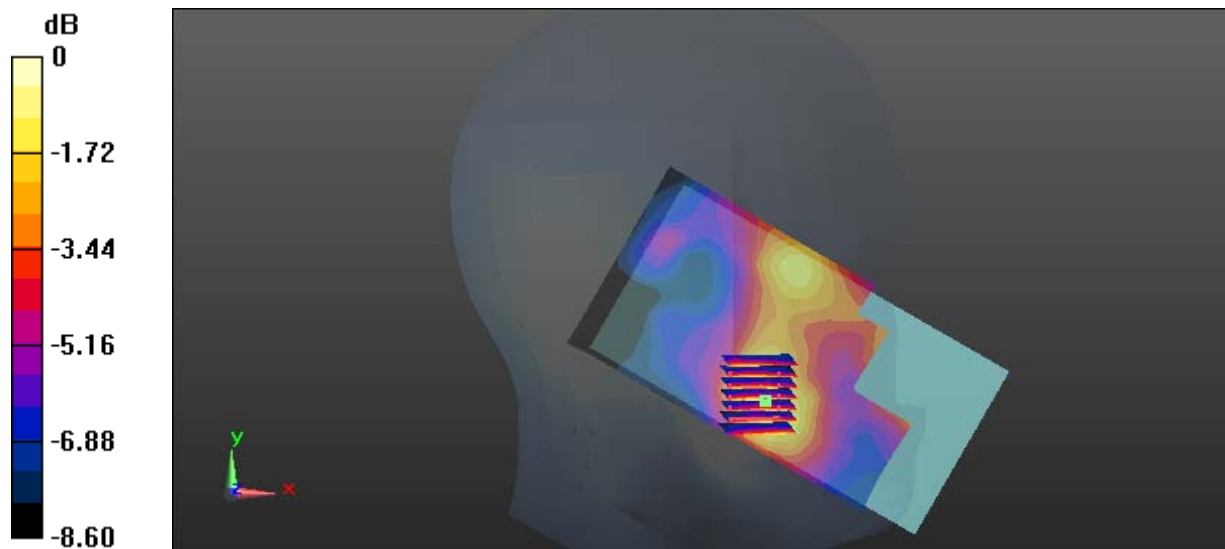Maximum value of SAR (interpolated) = 0.0411 W/kg

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

Reference Value = 2.781 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0396 W/kg

0 dB = 0.0396 W/kg = -14.02 dBW/kg

Test Plot 8#: GSM 1900_Head Left Tilt_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

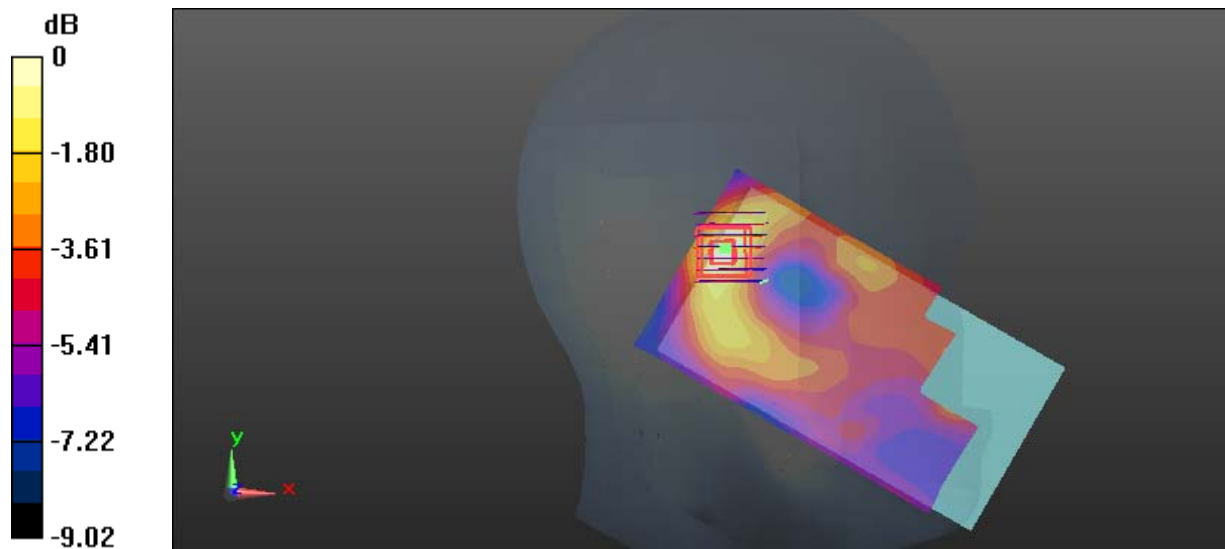Maximum value of SAR (interpolated) = 0.0278 W/kg

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

Reference Value = 4.464 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0280 W/kg

0 dB = 0.0280 W/kg = -15.53 dBW/kg

Test Plot 9#: GSM 1900_Head Right Cheek_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

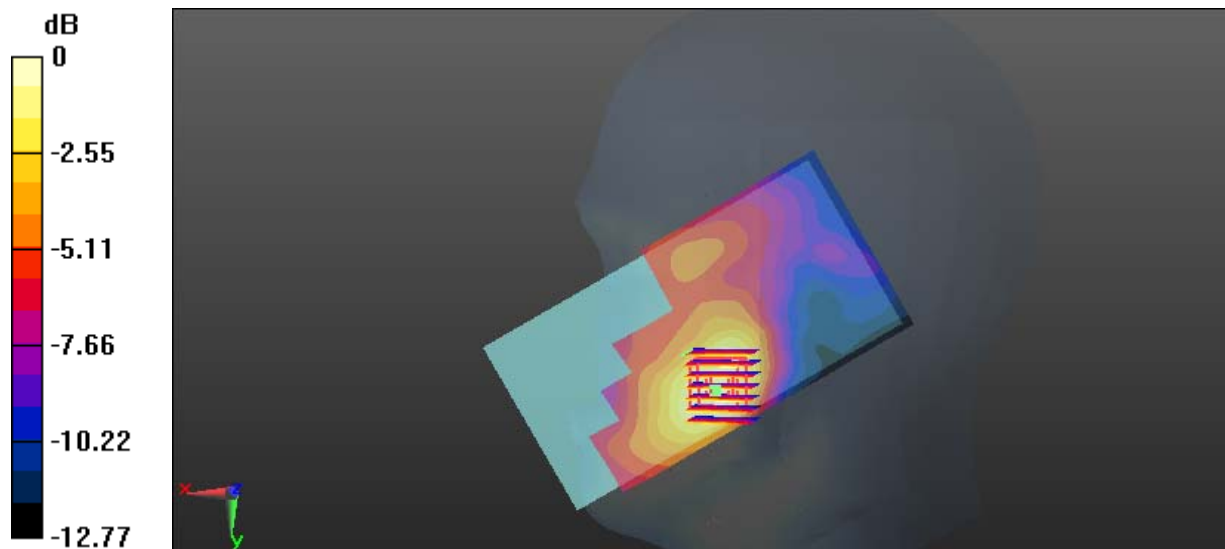Maximum value of SAR (interpolated) = 0.0680 W/kg

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

Reference Value = 2.635 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0644 W/kg

0 dB = 0.0644 W/kg = -11.91 dBW/kg

Test Plot 10#: GSM 1900_Head Right Tilt_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

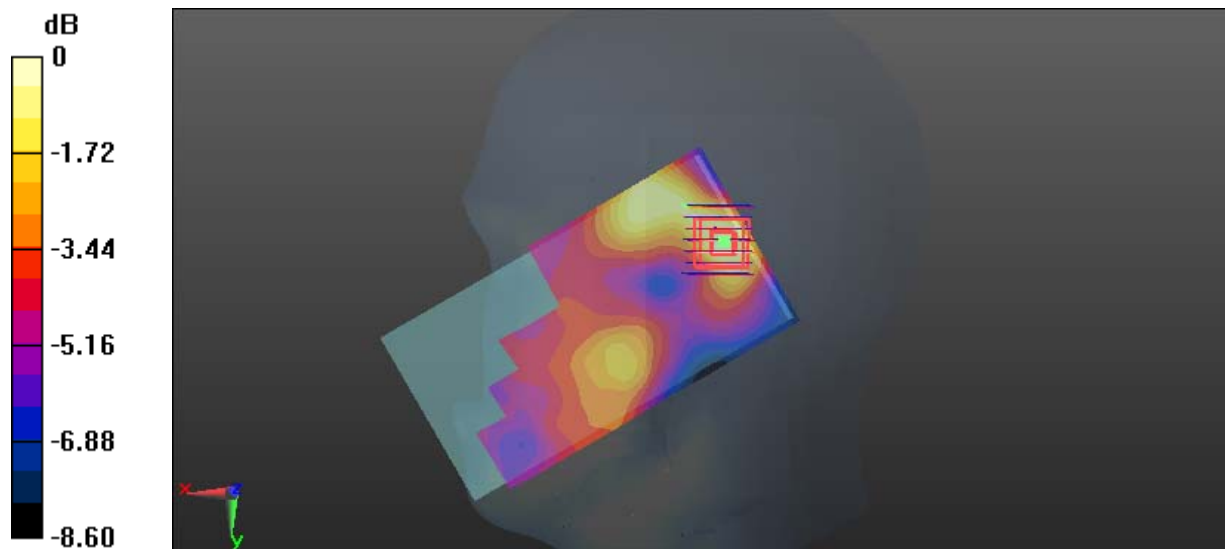Maximum value of SAR (interpolated) = 0.0252 W/kg

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

Reference Value = 3.981 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0390 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0256 W/kg

0 dB = 0.0256 W/kg = -15.92 dBW/kg

Test Plot 11#: GSM 1900_ Body Worn Back_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

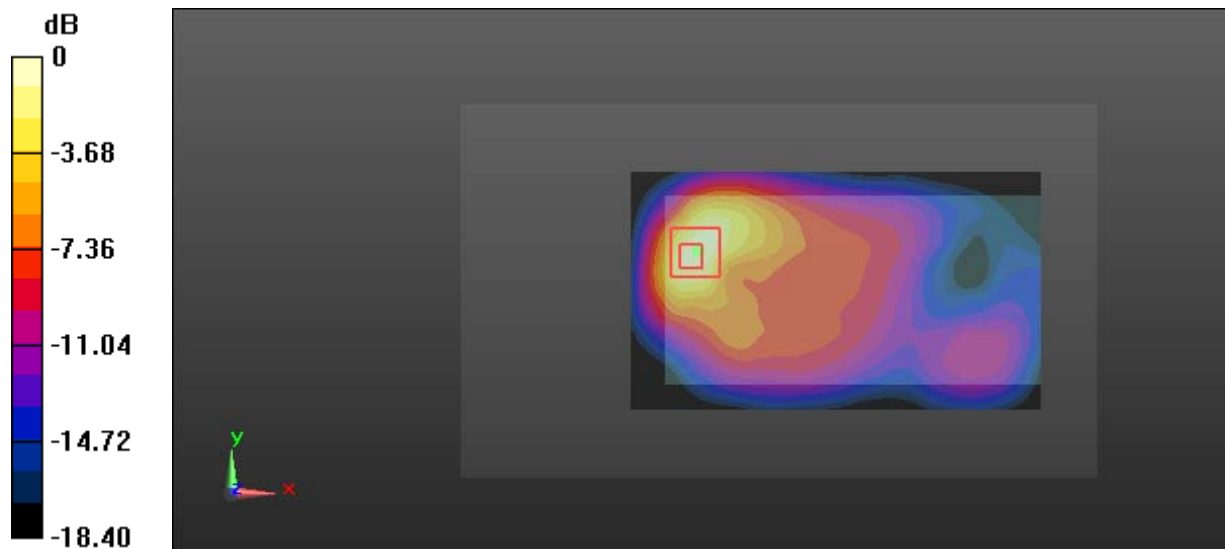Maximum value of SAR (interpolated) = 0.425 W/kg

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

Reference Value = 6.915 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.451 W/kg

0 dB = 0.451 W/kg = -3.46 dBW/kg

Test Plot 12#: GSM 1900_Body Back_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 1880 MHz;Duty Cycle: 1:2

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

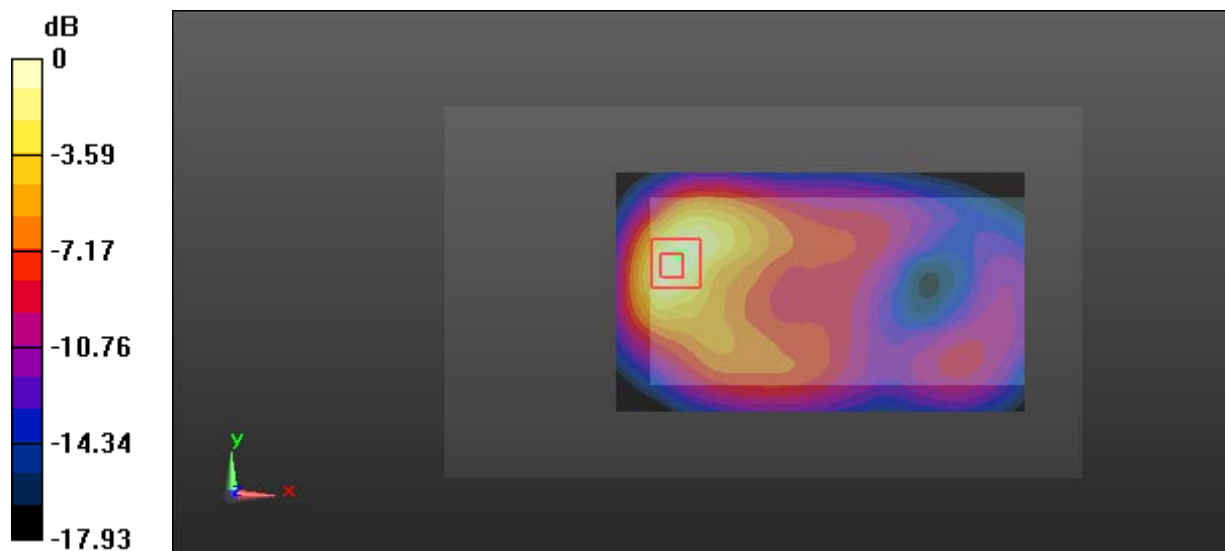Maximum value of SAR (interpolated) = 0.551 W/kg

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

Reference Value = 7.763 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.595 W/kg

0 dB = 0.595 W/kg = -2.25 dBW/kg

Test Plot 13#: GSM 1900_Body Left_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 1880 MHz;Duty Cycle: 1:2

Medium parameters used: 1880 MHz; $\sigma = 1.557$ S/m; $\varepsilon_r = 51.692$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

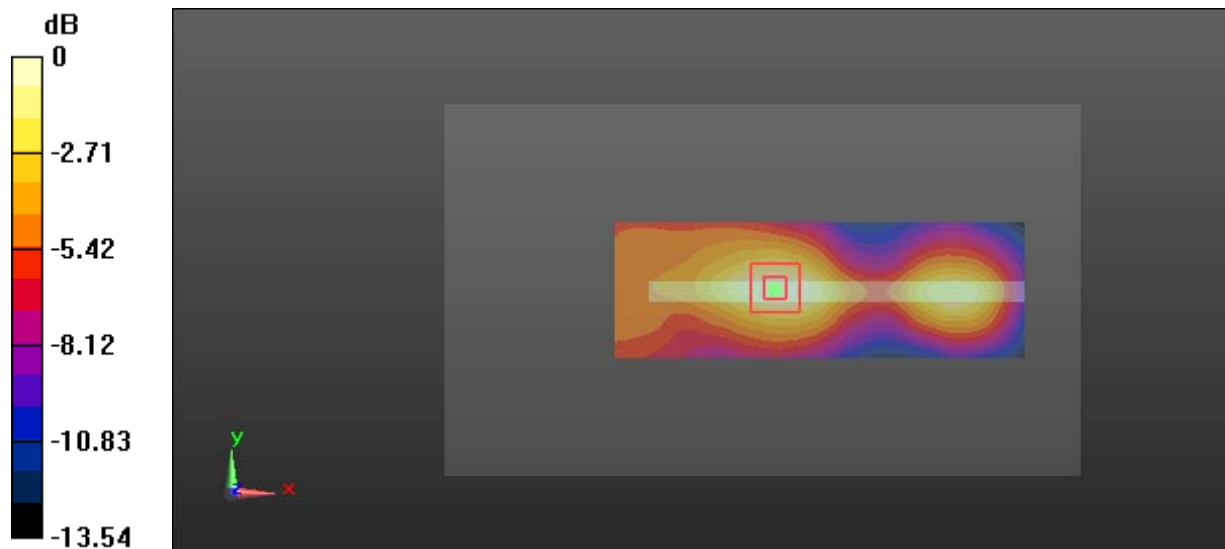Maximum value of SAR (interpolated) = 0.0698 W/kg

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

Reference Value = 6.441 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.104 W/kg

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

Maximum value of SAR (measured) = 0.0680 W/kg

0 dB = 0.0680 W/kg = -11.67 dBW/kg

Test Plot 14#: GSM 1900_Body Right_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 1880 MHz;Duty Cycle: 1:2

Medium parameters used: 1880 MHz; $\sigma = 1.557$ S/m; $\varepsilon_r = 51.692$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
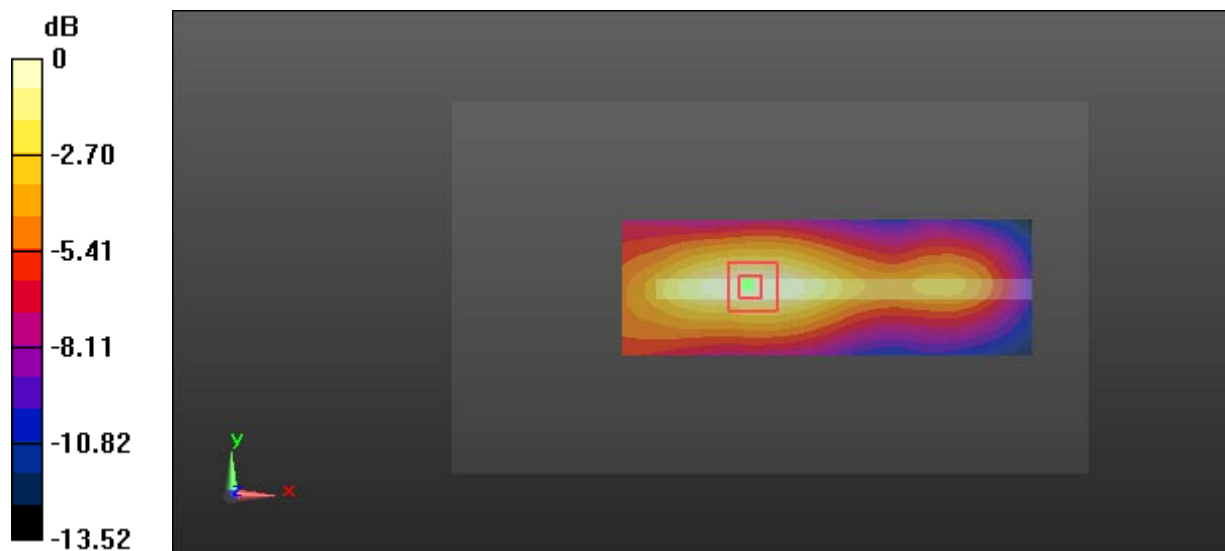
Maximum value of SAR (interpolated) = 0.103 W/kg

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

Reference Value = 8.212 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.056 W/kg

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

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

Test Plot 15#: GSM 1900_Body Bottom_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: GPRS-4 slot; Frequency: 1880 MHz;Duty Cycle: 1:2

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
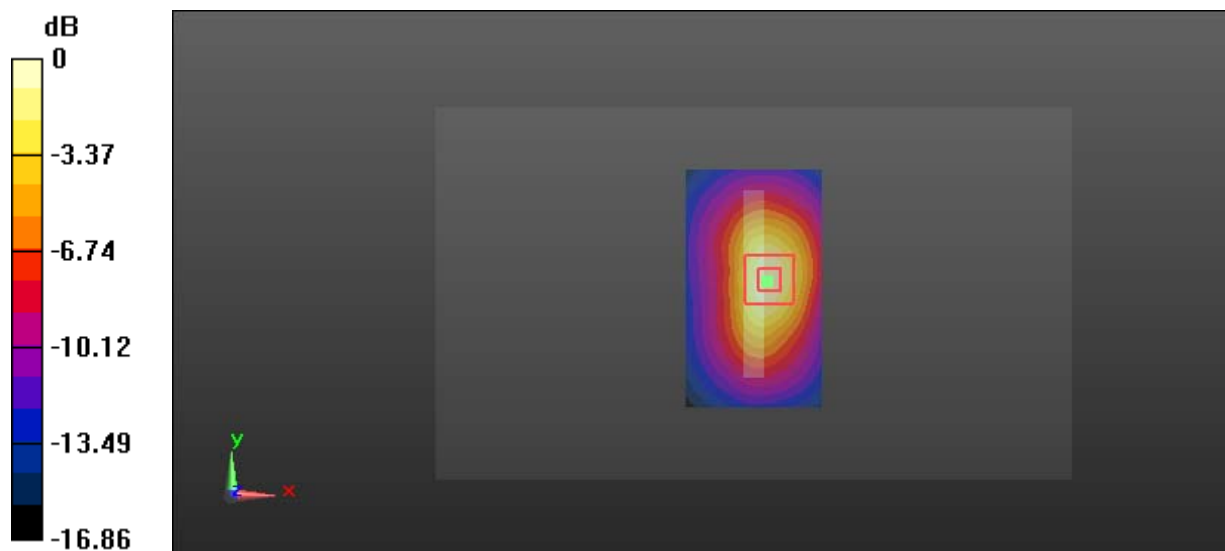
Maximum value of SAR (interpolated) = 0.466 W/kg

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

Reference Value = 15.16 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.463 W/kg

0 dB = 0.463 W/kg = -3.34 dBW/kg

Test Plot 16#: WCDMA Band 5_Head Flat _Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: 836.6 MHz; σ = 0.895 S/m; ε_r = 43.121; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.84, 9.84, 9.84); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

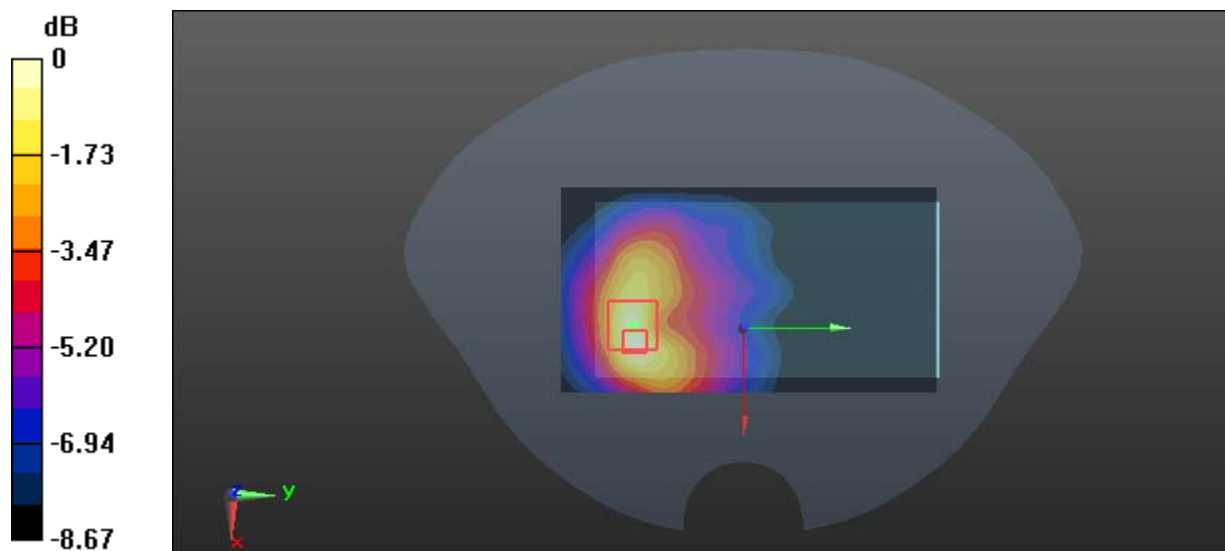Maximum value of SAR (interpolated) = 0.0952 W/kg

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

Reference Value = 5.104 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.102 W/kg

0 dB = 0.102 W/kg = -9.91 dBW/kg

Test Plot 17#: WCDMA Band 5_Body Back_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: 836.6 MHz; $\sigma = 0.948$ S/m; $\varepsilon_r = 55.401$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
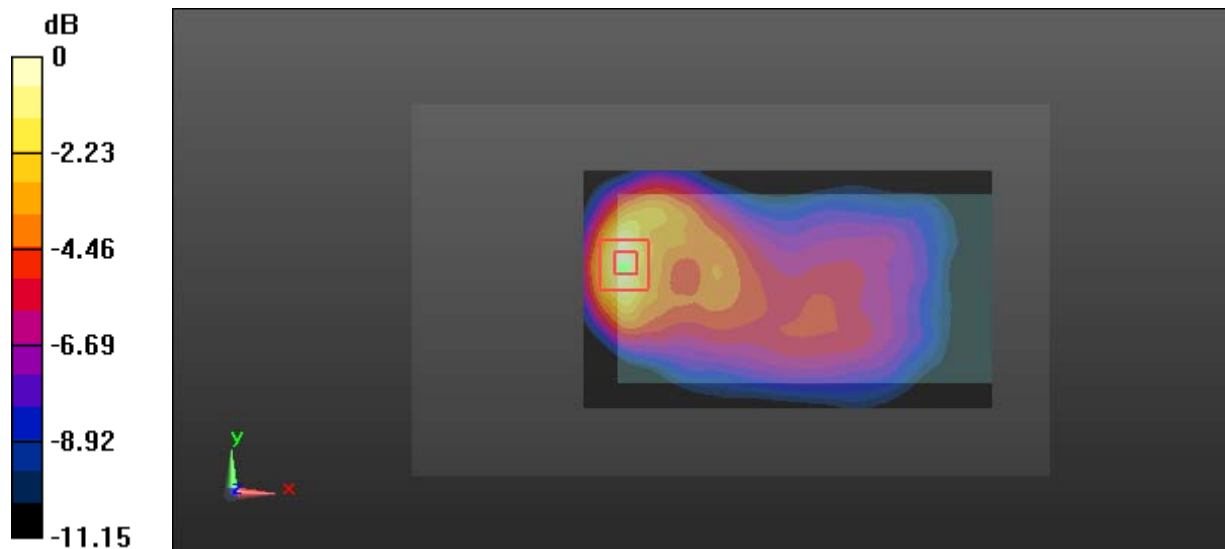
Maximum value of SAR (interpolated) = 0.391 W/kg

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

Reference Value = 14.20 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.21 W/kg

Maximum value of SAR (measured) = 0.421 W/kg

0 dB = 0.421 W/kg = -3.76 dBW/kg

Test Plot 18#: WCDMA Band 5_Body Left_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: 836.6 MHz; $\sigma = 0.948$ S/m; $\varepsilon_r = 55.401$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
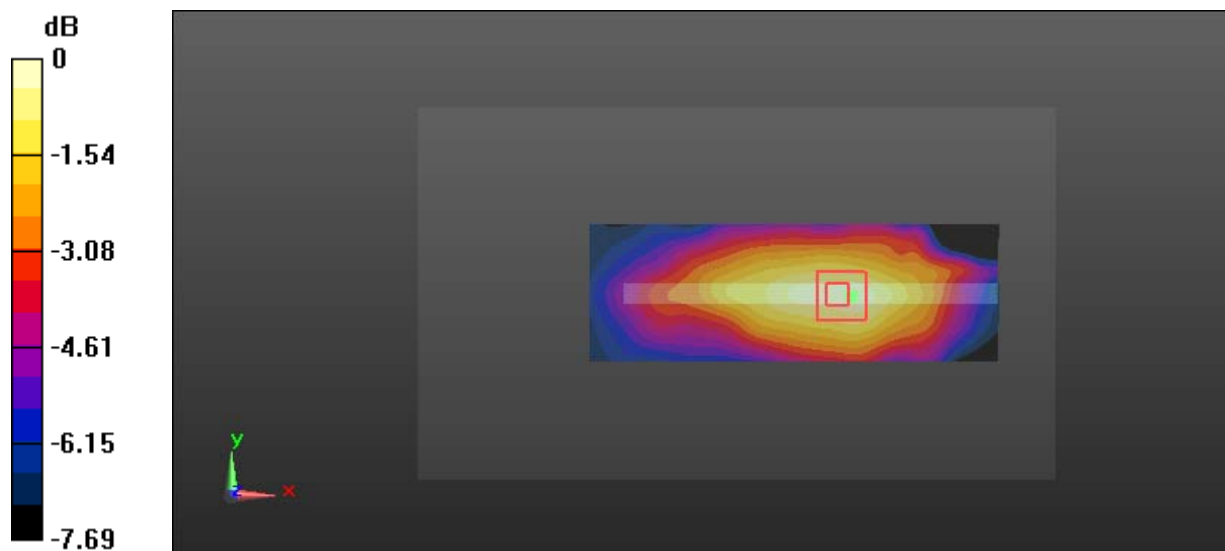
Maximum value of SAR (interpolated) = 0.0871 W/kg

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

Reference Value = 2.723 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.0837 W/kg; SAR(10 g) = 0.0614 W/kg

Maximum value of SAR (measured) = 0.0903 W/kg

0 dB = 0.0903 W/kg = -20.44 dBW/kg

Test Plot 19#: WCDMA Band 5_Body Right_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: 836.6 MHz; σ = 0.948 S/m; ε_r = 55.401; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
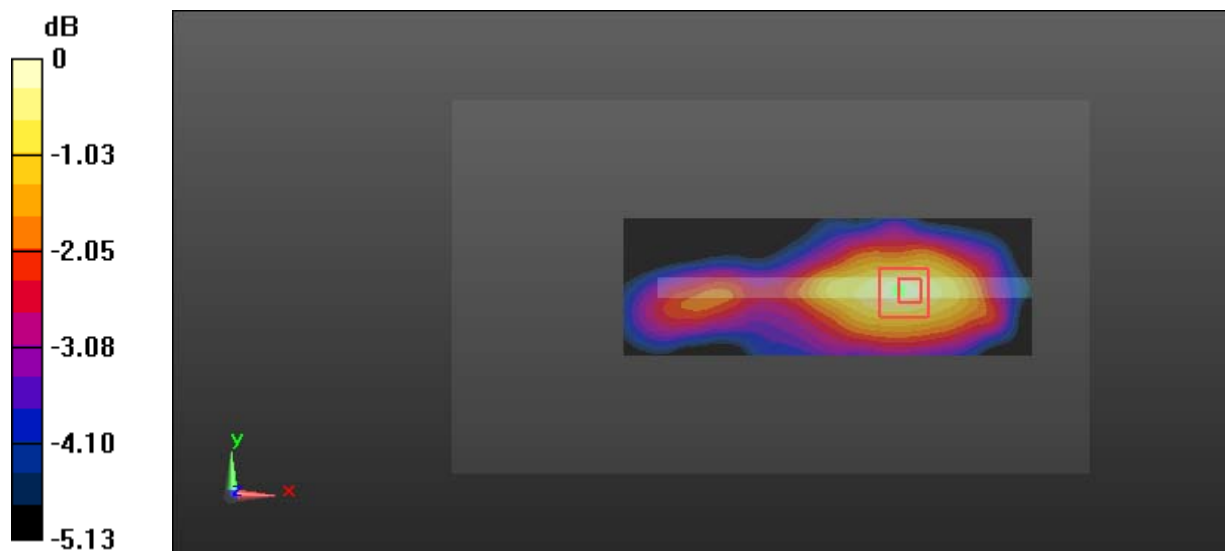
Maximum value of SAR (interpolated) = 0.0324 W/kg

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

Reference Value = 4.372 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0358 W/kg

SAR(1 g) = 0.0267 W/kg; SAR(10 g) = 0.00208 W/kg

Maximum value of SAR (measured) = 0.0304 W/kg

0 dB = 0.0324 W/kg = -14.90 dBW/kg

Test Plot 20#: WCDMA Band 5_Body Bottom_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: 836.6 MHz; σ = 0.948 S/m; ε_r = 55.401; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(9.89, 9.89, 9.89); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
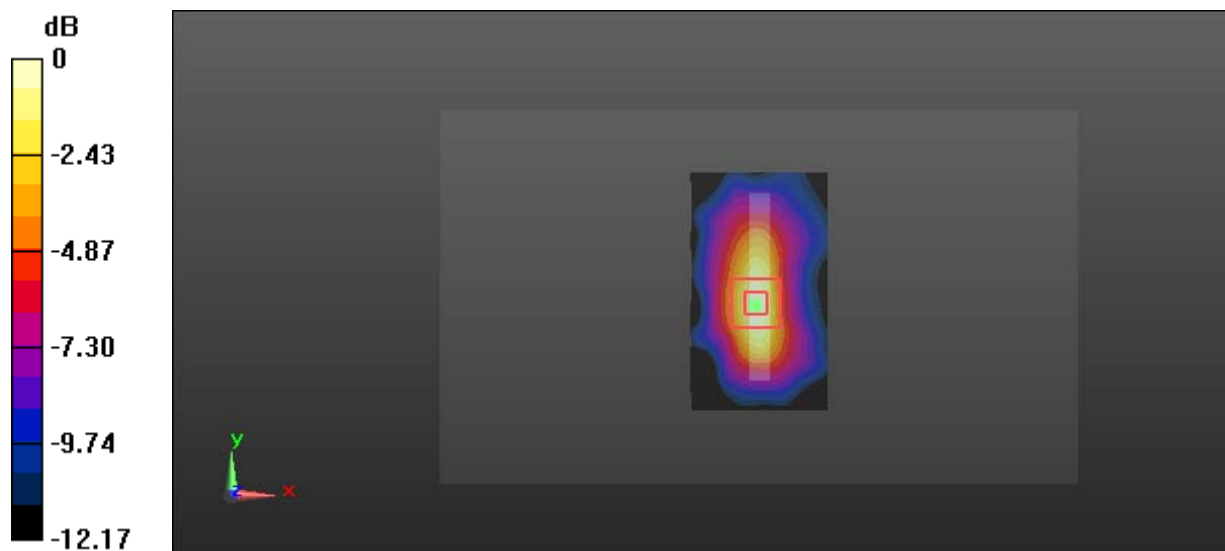
Maximum value of SAR (interpolated) = 0.181 W/kg

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

Reference Value = 10.95 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.0894 W/kg

Maximum value of SAR (measured) = 0.179 W/kg

0 dB = 0.179 W/kg = -7.47 dBW/kg

Test Plot 21#: WCDMA Band 4_Head Left Cheek_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; σ = 1.39 S/m; ε_r = 40.457; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

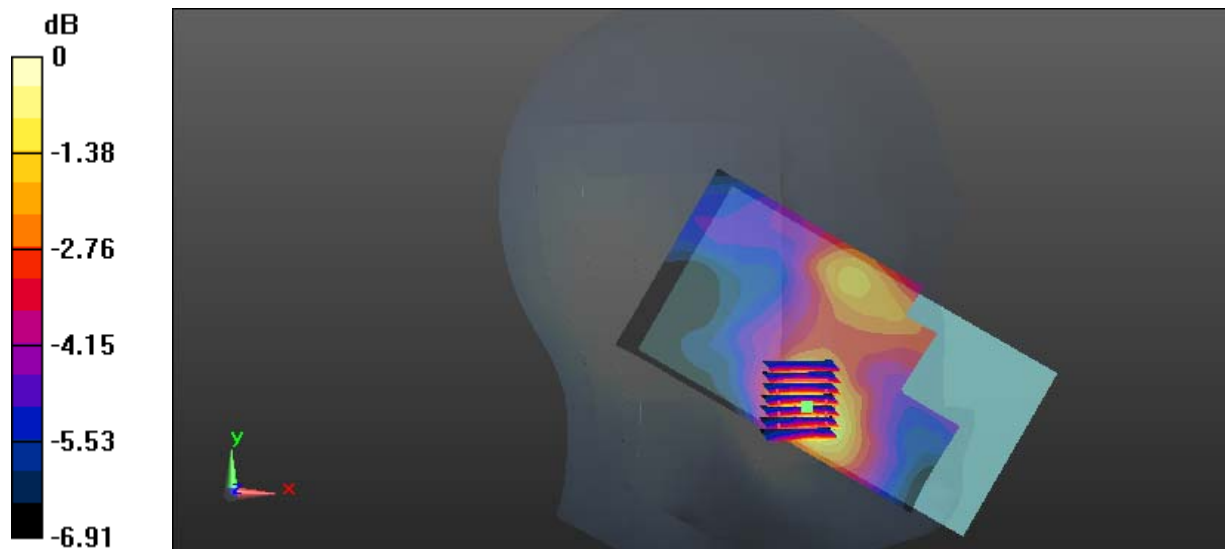Maximum value of SAR (interpolated) = 0.119 W/kg

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

Reference Value = 4.642 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.074 W/kg

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

0 dB = 0.114 W/kg = -9.43 dBW/kg

Test Plot 22#: WCDMA Band 4_Head Left Tilt_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; $\sigma = 1.39$ S/m; $\varepsilon_r = 40.457$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

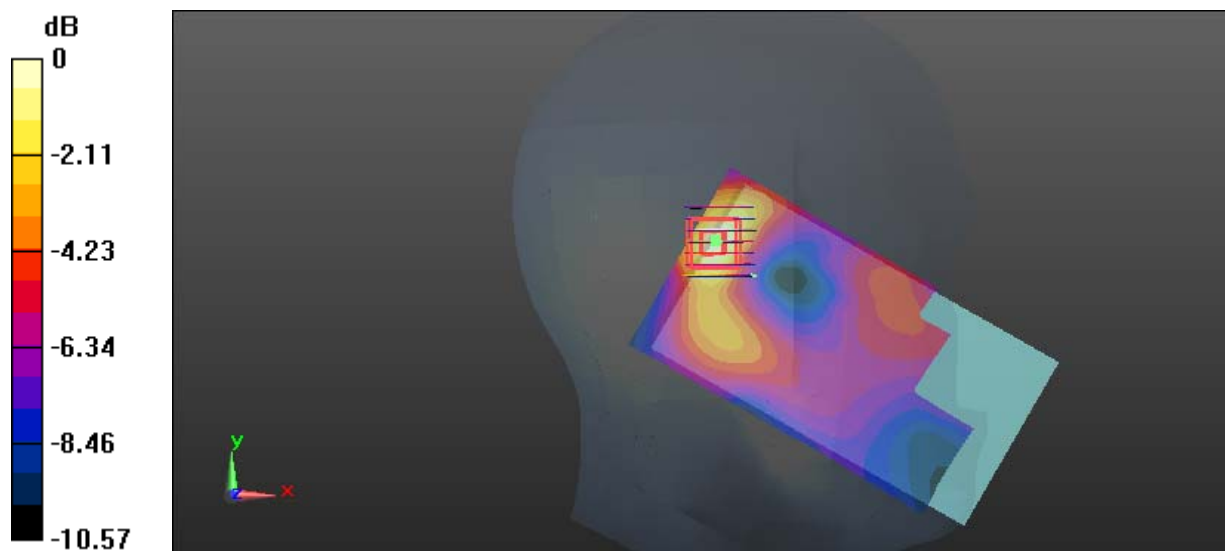Maximum value of SAR (interpolated) = 0.0707 W/kg

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

Reference Value = 5.001 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0697 W/kg

0 dB = 0.0697 W/kg = -11.57 dBW/kg

Test Plot 23#: WCDMA Band 4_Head Right Cheek_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; σ = 1.39 S/m; ε_r = 40.457; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

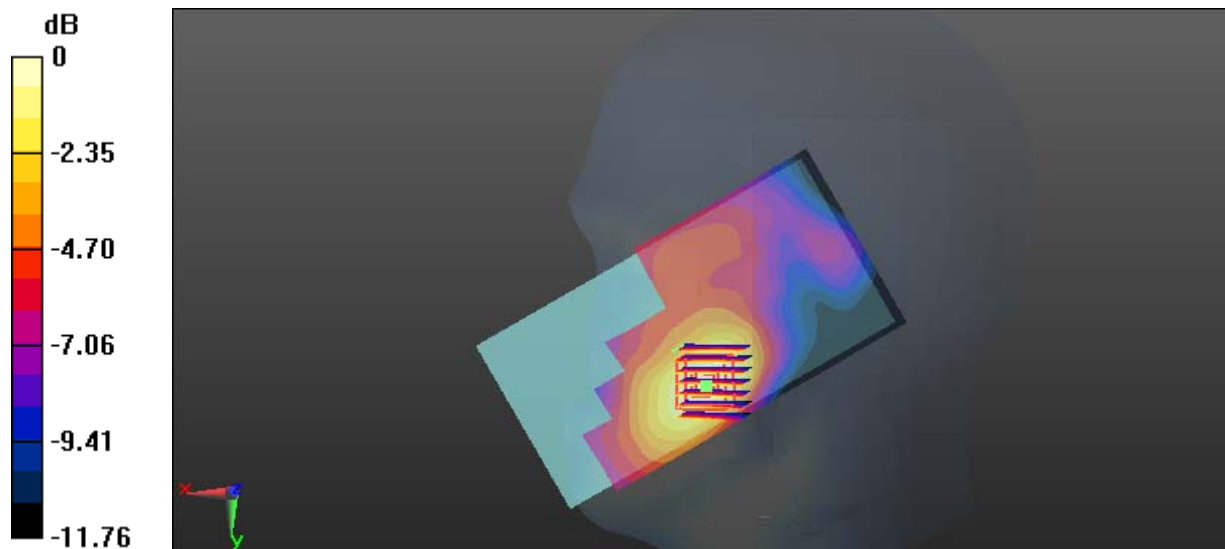Maximum value of SAR (interpolated) = 0.137 W/kg

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

Reference Value = 4.508 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.132 W/kg

0 dB = 0.132 W/kg = -8.79 dBW/kg

Test Plot 24#: WCDMA Band 4_Head Right Tilt_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; σ = 1.39 S/m; ε_r = 40.457; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

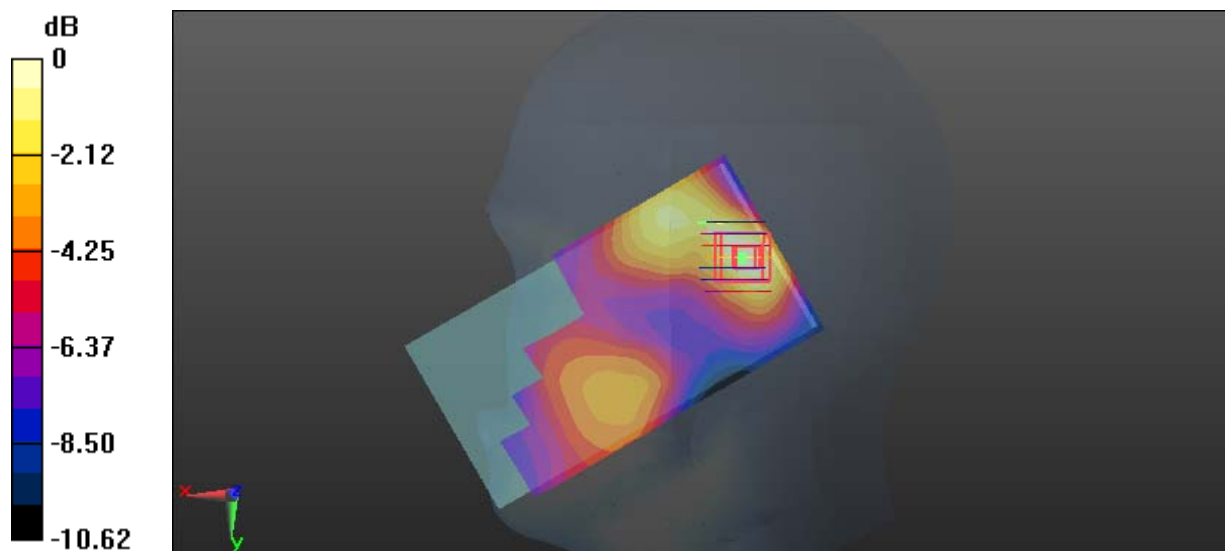Maximum value of SAR (interpolated) = 0.0608 W/kg

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

Reference Value = 6.493 V/m; Power Drift = 0.14 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) = 0.0599 W/kg

0 dB = 0.0599 W/kg = -12.23 dBW/kg

Test Plot 25#: WCDMA Band 4_Body Back_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; $\sigma = 1.495$ S/m; $\varepsilon_r = 53.431$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
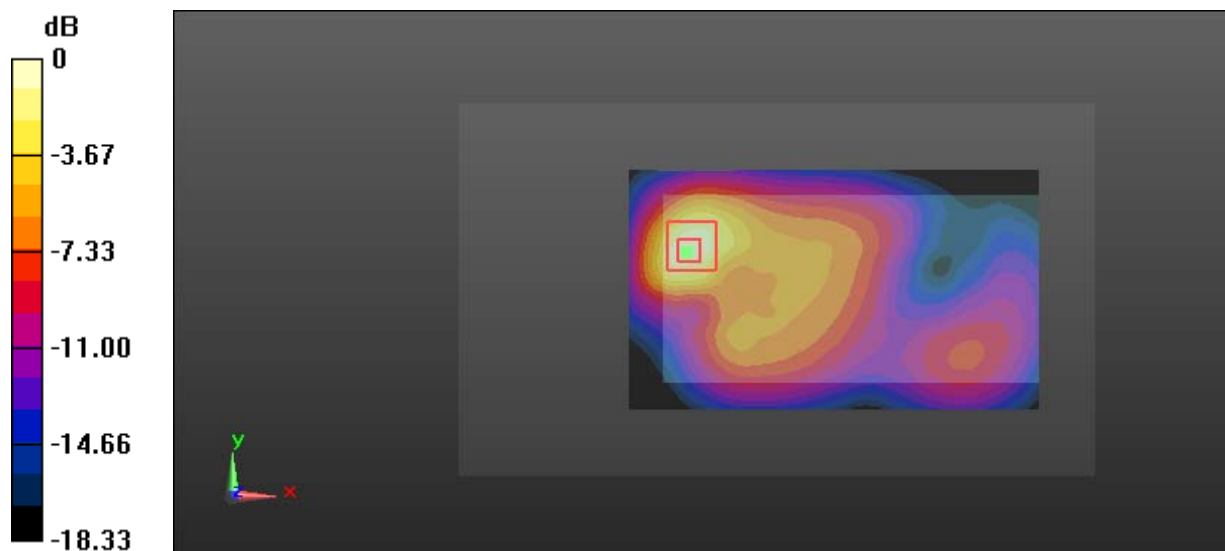
Maximum value of SAR (interpolated) = 0.636 W/kg

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

Reference Value = 10.37 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.647 W/kg

0 dB = 0.647 W/kg = -1.89 dBW/kg

Test Plot 26#: WCDMA Band 4_Body Left_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; $\sigma = 1.495$ S/m; $\varepsilon_r = 53.431$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
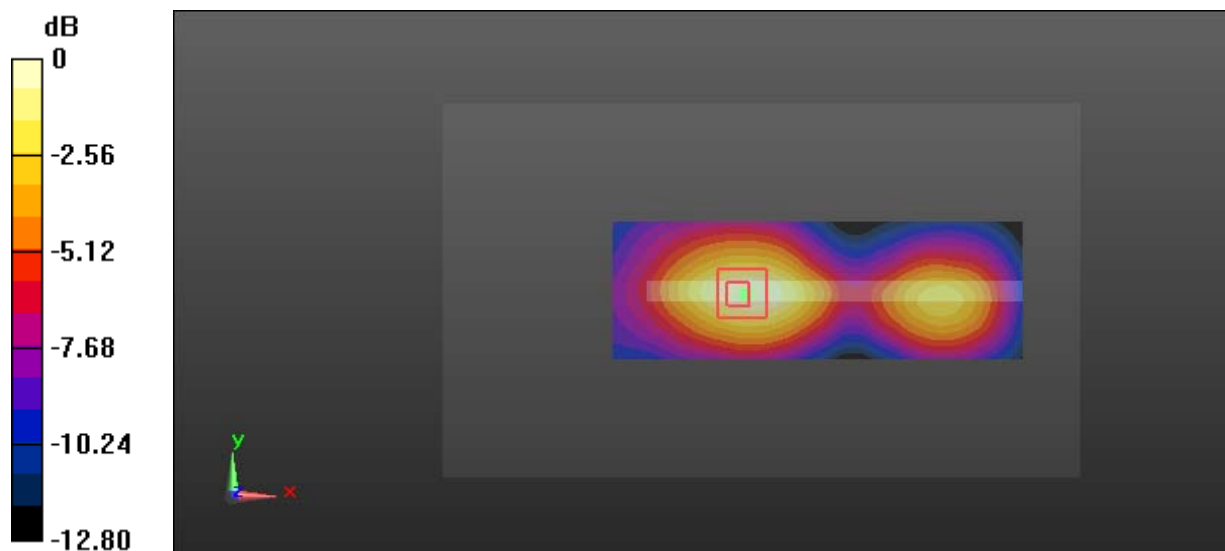
Maximum value of SAR (interpolated) = 0.118 W/kg

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

Reference Value = 8.700 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.117 W/kg

0 dB = 0.117 W/kg = -9.32 dBW/kg

Test Plot 27#: WCDMA Band 4_Body Right_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; σ = 1.495 S/m; ε_r = 53.431; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
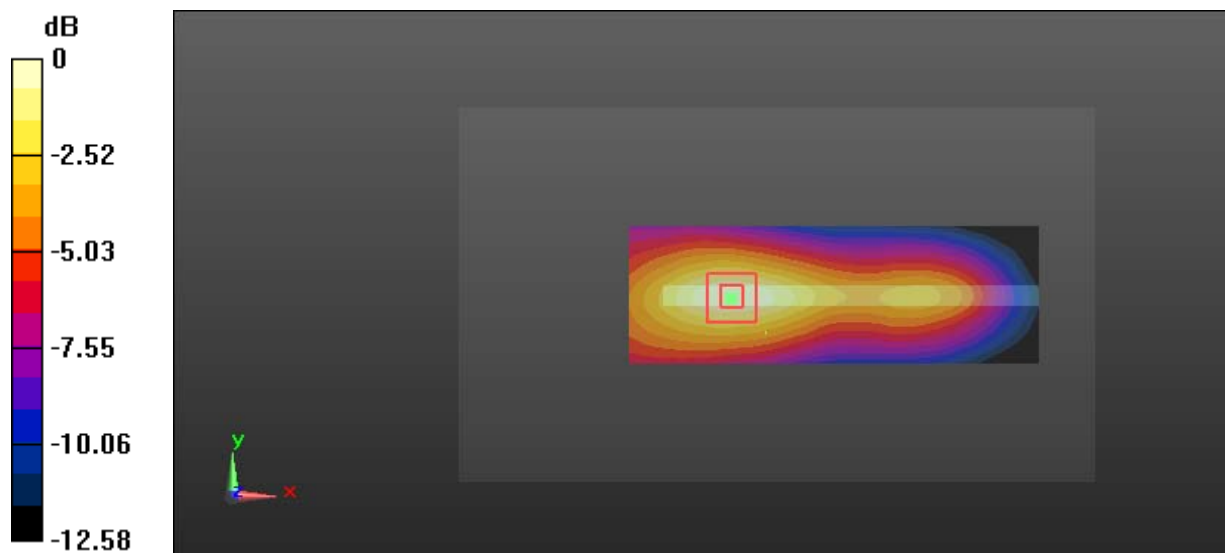
Maximum value of SAR (interpolated) = 0.142 W/kg

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

Reference Value = 8.793 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.142 W/kg

0 dB = 0.142 W/kg = -8.48 dBW/kg

Test Plot 28#: WCDMA Band 4_Body Bottom_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.6 MHz; σ = 1.495 S/m; ε_r = 53.431; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
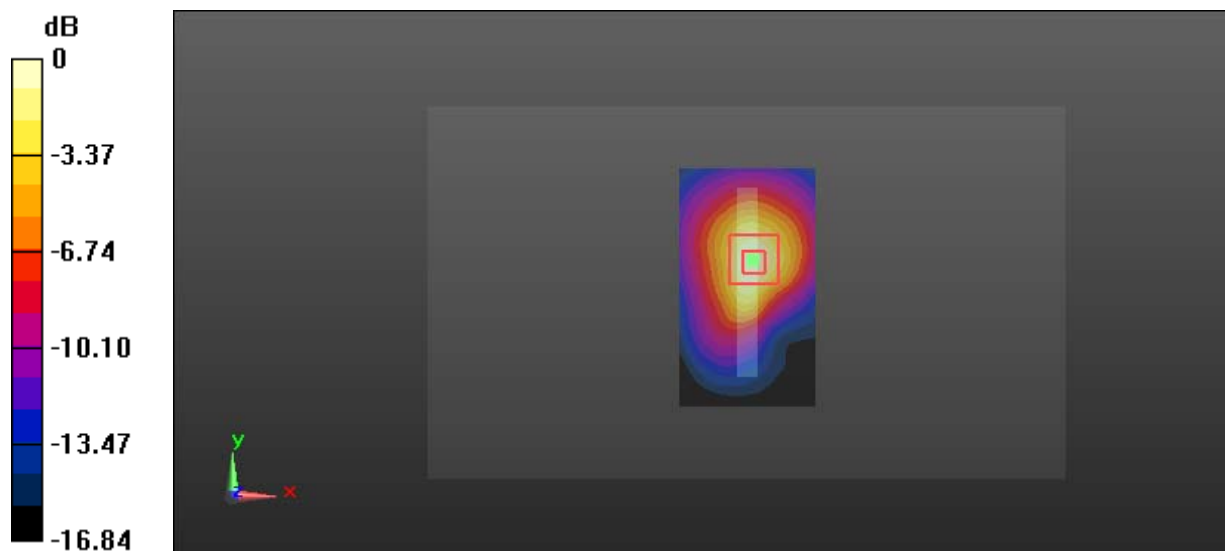
Maximum value of SAR (interpolated) = 0.631 W/kg

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

Reference Value = 16.27 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.881 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.598 W/kg

0 dB = 0.598 W/kg = -2.23 dBW/kg

Test Plot 29#: WCDMA Band 2_Head Left Cheek_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

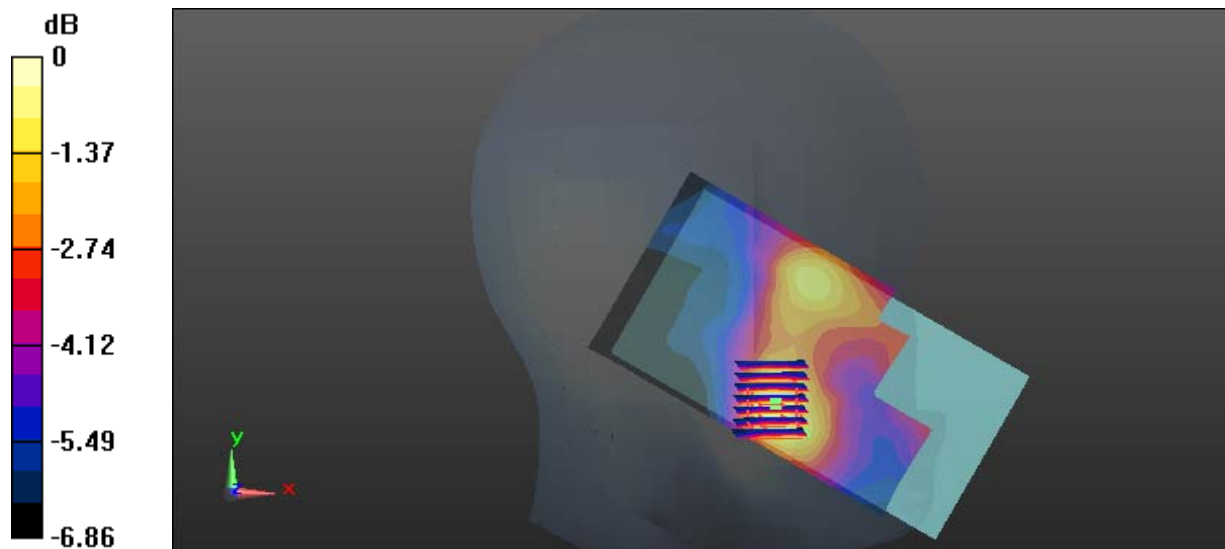Maximum value of SAR (interpolated) = 0.124 W/kg

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

Reference Value = 4.464 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.117 W/kg

0 dB = 0.117 W/kg = -9.32 dBW/kg

Test Plot 30#: WCDMA Band 2_Head Left Tilt_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

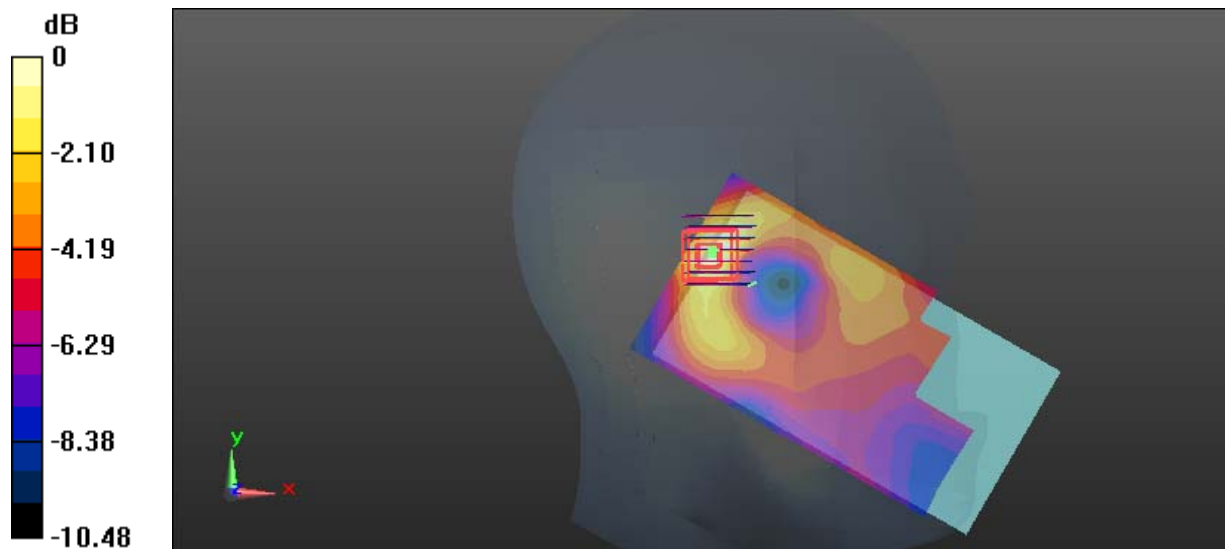Maximum value of SAR (interpolated) = 0.0640 W/kg

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

Reference Value = 6.089 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg

0 dB = 0.0648 W/kg = -11.88 dBW/kg

Test Plot 31#: WCDMA Band 2 _Head Right Cheek_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

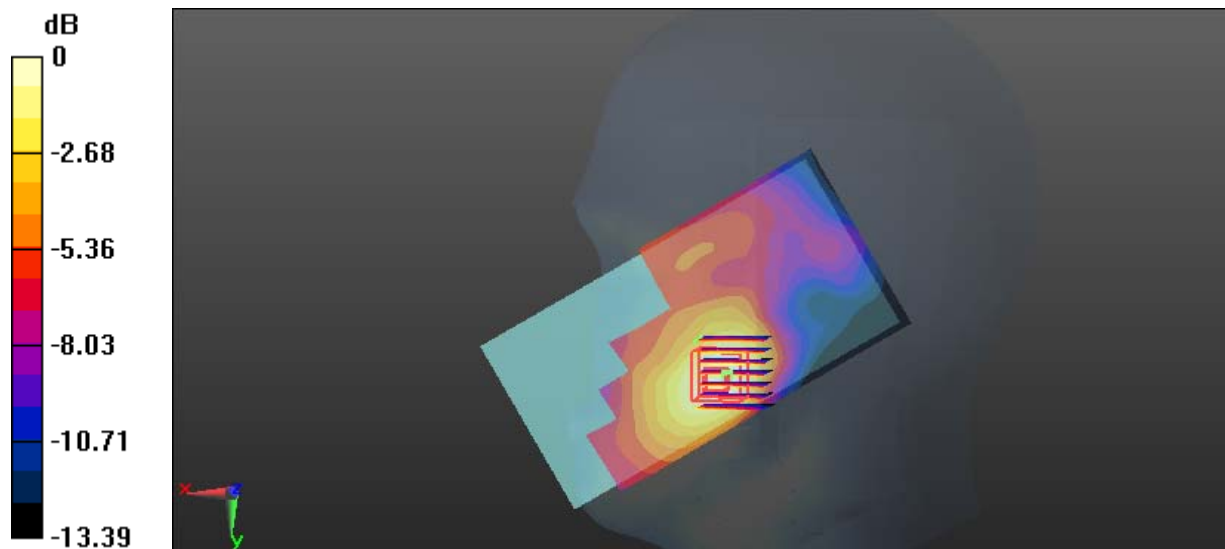Maximum value of SAR (interpolated) = 0.145 W/kg

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

Reference Value = 3.639 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.135 W/kg

0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Plot 32#: WCDMA Band 2_Head Right Tilt_Middle Channel

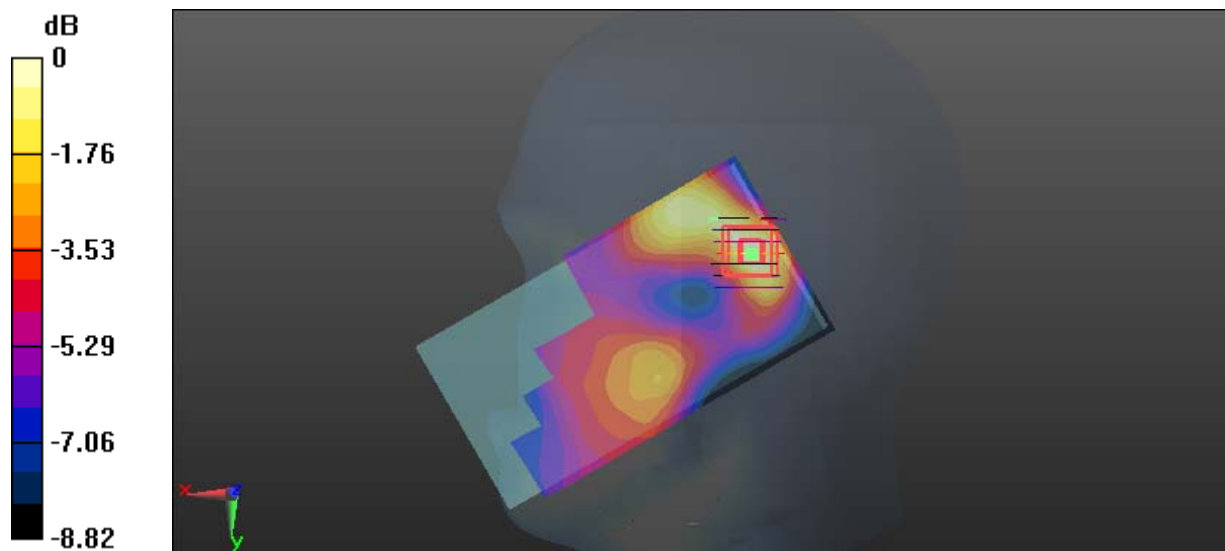**DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321**

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0593 W/kg

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

Reference Value = 6.152 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0586 W/kg

0 dB = 0.0586 W/kg = -12.32 dBW/kg

Test Plot 33#: WCDMA Band 2_Body Back_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

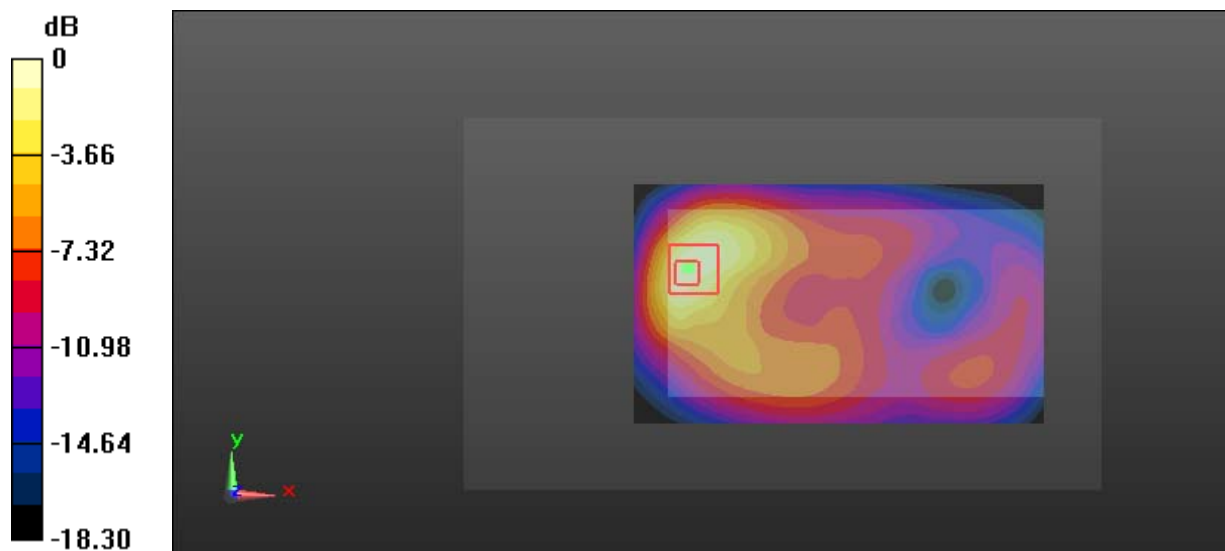Maximum value of SAR (interpolated) = 0.639 W/kg

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

Reference Value = 7.748 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.675 W/kg

0 dB = 0.675 W/kg = -1.71 dBW/kg

Test Plot 34#: WCDMA Band 2_Body Left_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

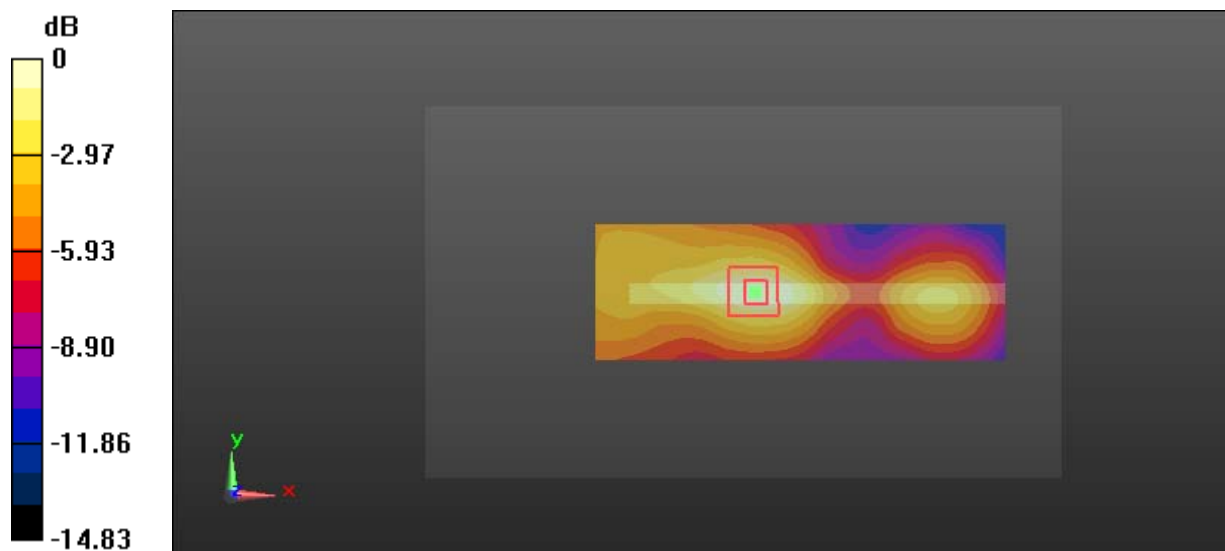Maximum value of SAR (interpolated) = 0.0625 W/kg

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

Reference Value = 6.841 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0606 W/kg

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

Test Plot 35#: WCDMA Band 2_Body Right_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

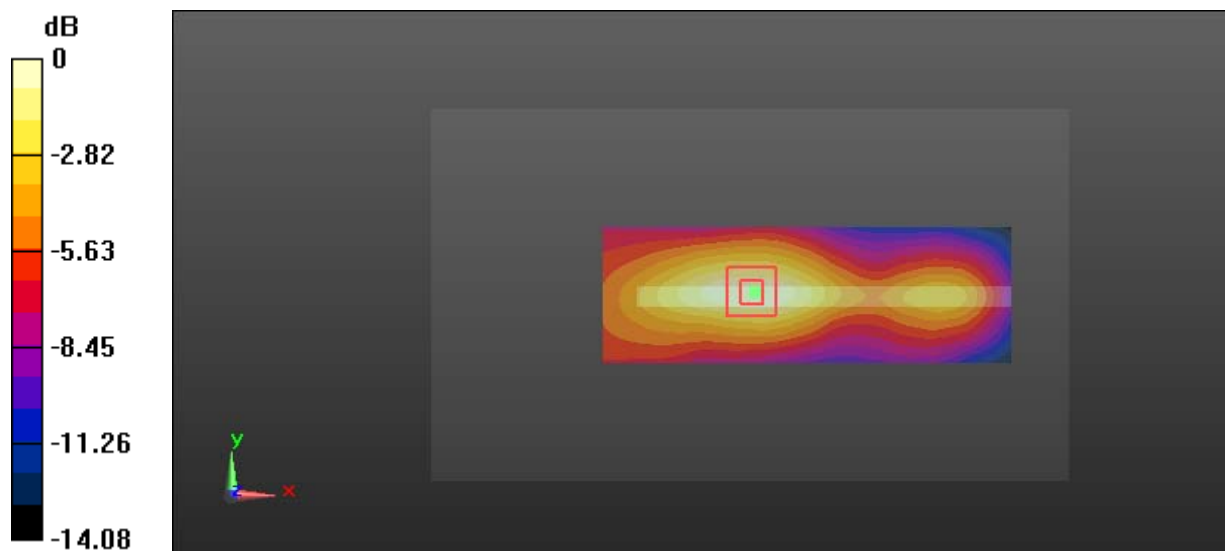Maximum value of SAR (interpolated) = 0.129 W/kg

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

Reference Value = 9.292 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.129 W/kg

0 dB = 0.129 W/kg = -8.89 dBW/kg

Test Plot 36#: WCDMA Band 2_Body Bottom_Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

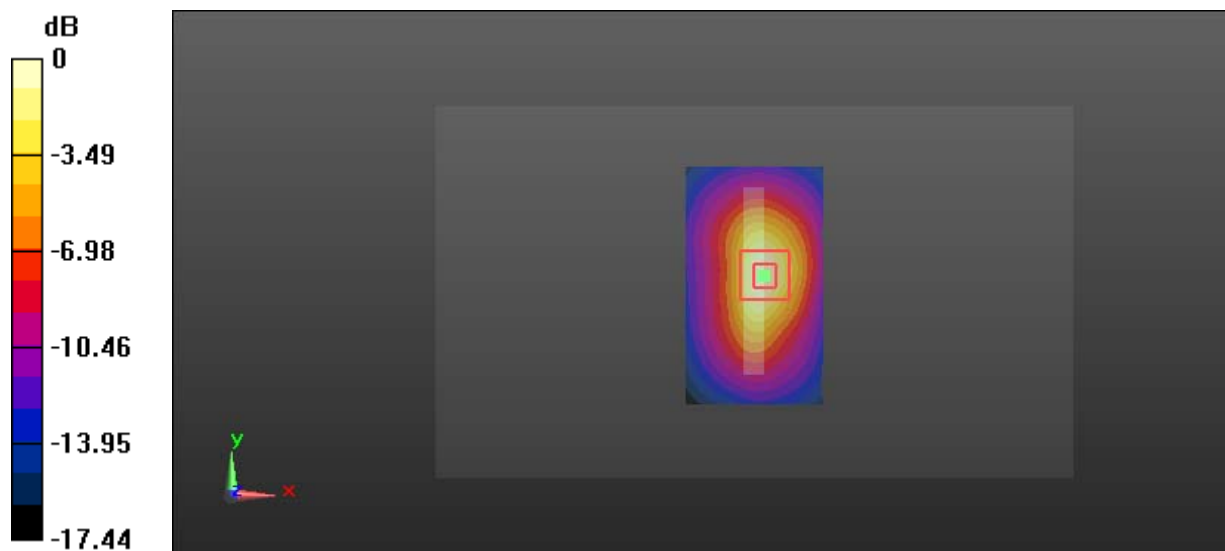Maximum value of SAR (interpolated) = 0.601 W/kg

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

Reference Value = 18.25 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.611 W/kg

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

Test Plot 37#: LTE Band 2_Head Left Cheek_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; $\sigma = 1.438$ S/m; $\varepsilon_r = 40.074$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

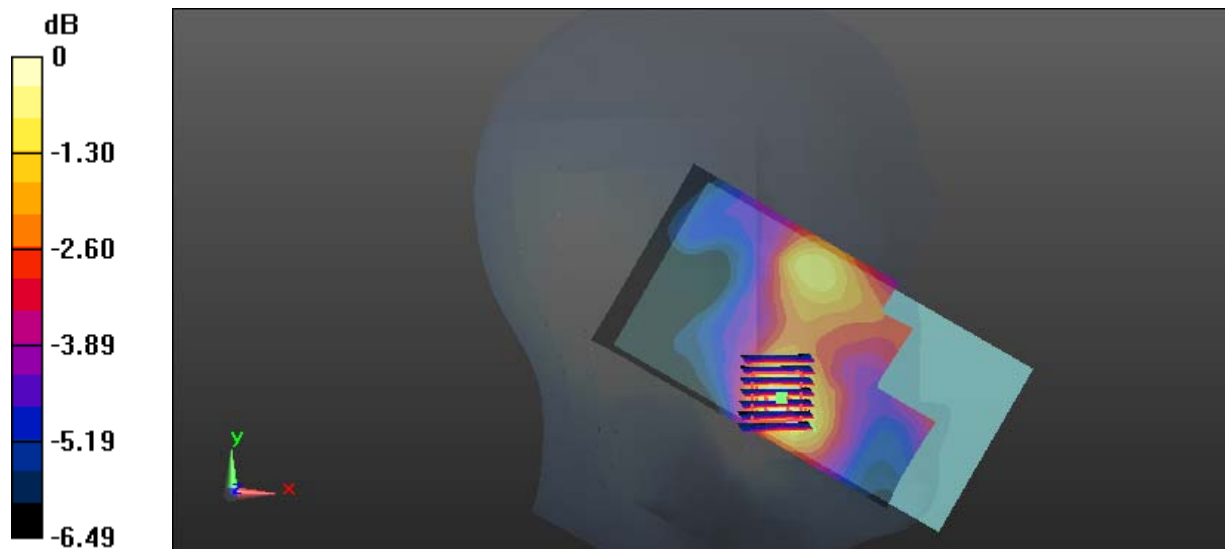Maximum value of SAR (interpolated) = 0.115 W/kg

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

Reference Value = 4.766 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.109 W/kg

0 dB = 0.109 W/kg = -9.63 dBW/kg

Test Plot 38#: LTE Band 2_Head Left Cheek_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

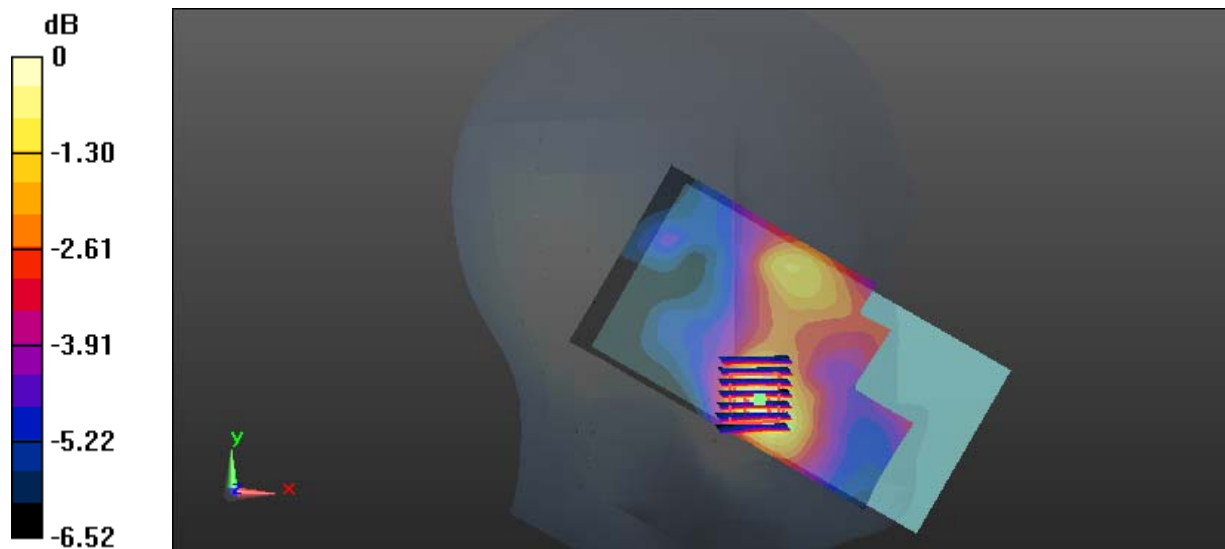Maximum value of SAR (interpolated) = 0.107 W/kg

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

Reference Value = 4.590 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.102 W/kg

0 dB = 0.102 W/kg = -9.91 dBW/kg

Test Plot 39#: LTE Band 2_Head Left Tilt_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

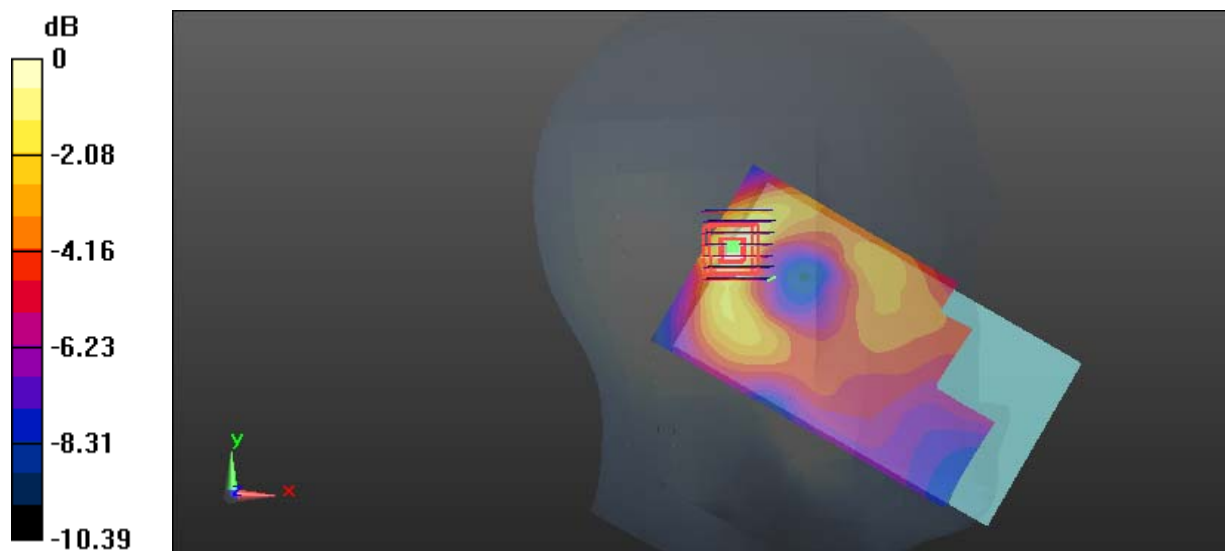Maximum value of SAR (interpolated) = 0.0617 W/kg

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

Reference Value = 5.824 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0641 W/kg

0 dB = 0.0641 W/kg = -11.93 dBW/kg

Test Plot 40#: LTE Band 2_Head Left Tilt_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

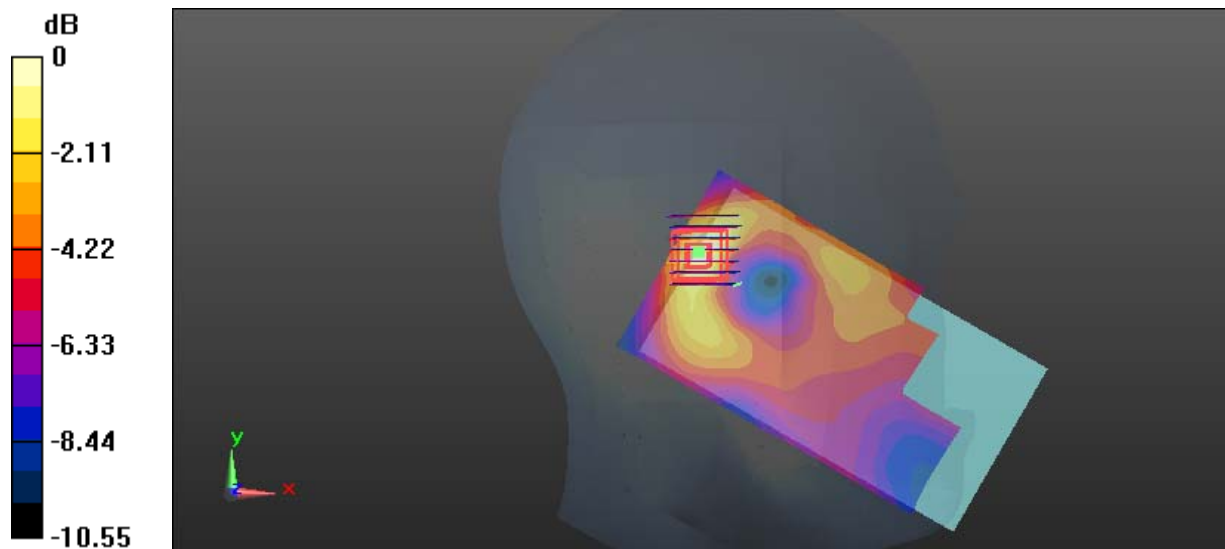Maximum value of SAR (interpolated) = 0.0573 W/kg

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

Reference Value = 6.086 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0604 W/kg

0 dB = 0.0604 W/kg = -12.19 dBW/kg

Test Plot 41#: LTE Band 2_Head Right Cheek_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

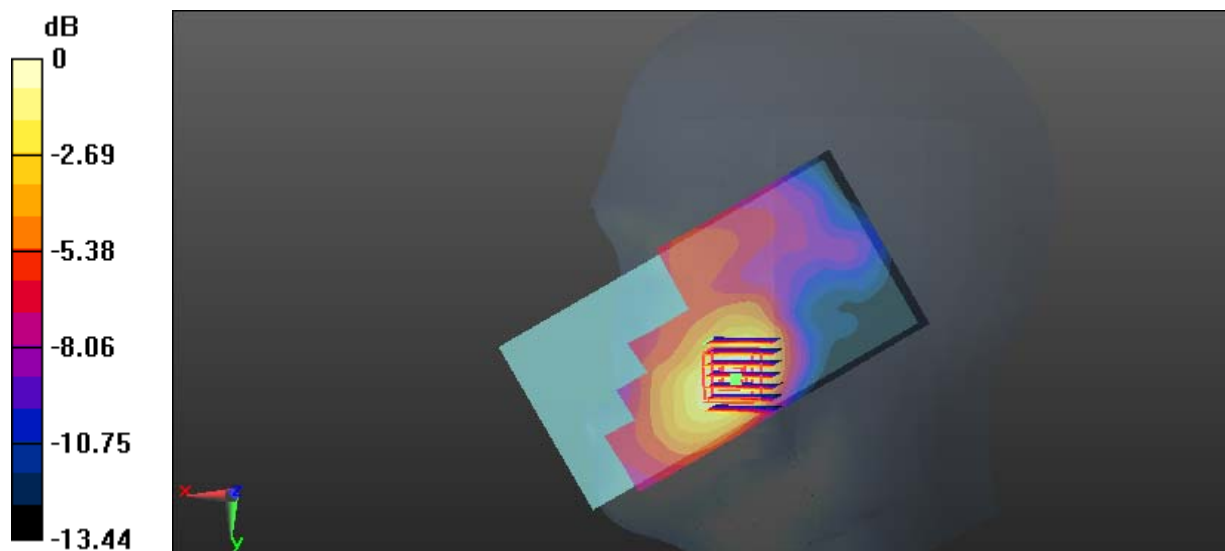Maximum value of SAR (interpolated) = 0.162 W/kg

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

Reference Value = 3.910 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.085 W/kg

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

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

Test Plot 42#: LTE Band 2_Head Right Cheek_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

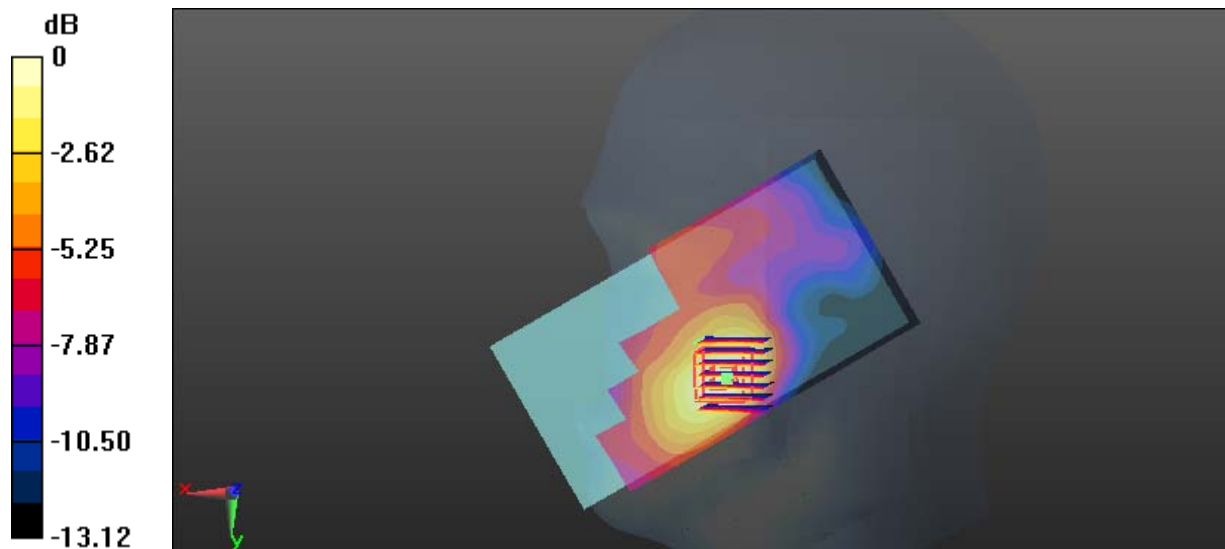Maximum value of SAR (interpolated) = 0.142 W/kg

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

Reference Value = 3.498 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.138 W/kg

0 dB = 0.138 W/kg = -8.60 dBW/kg

Test Plot 43#: LTE Band 2_Head Right Tilt_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

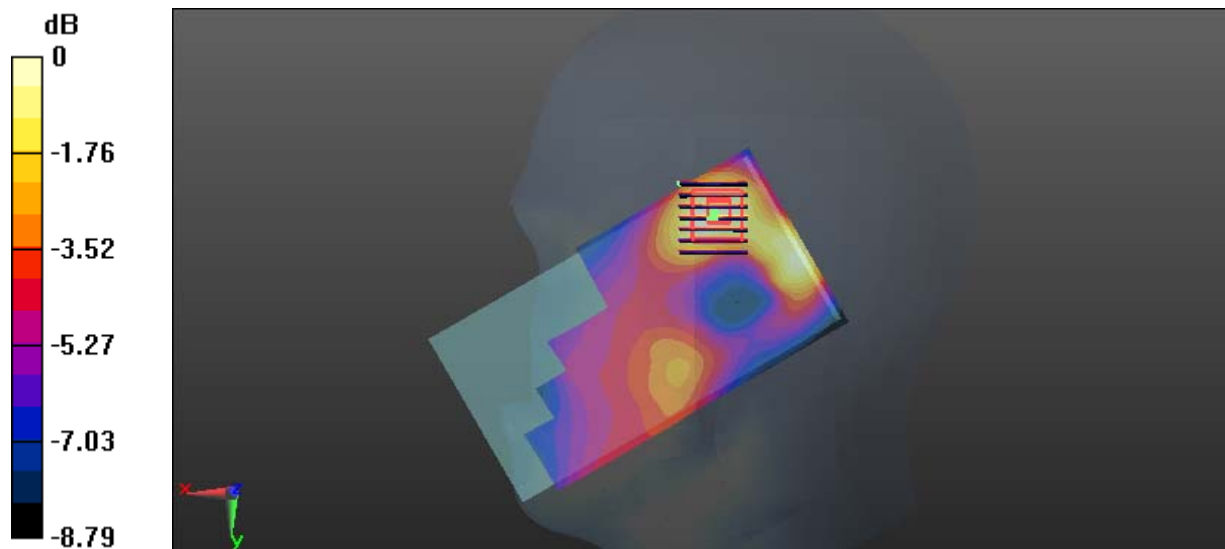Maximum value of SAR (interpolated) = 0.0638 W/kg

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

Reference Value = 5.608 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0610 W/kg

0 dB = 0.0610 W/kg = -12.15 dBW/kg

Test Plot 44#: LTE Band 2_Head Right Tilt_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.438 S/m; ε_r = 40.074; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

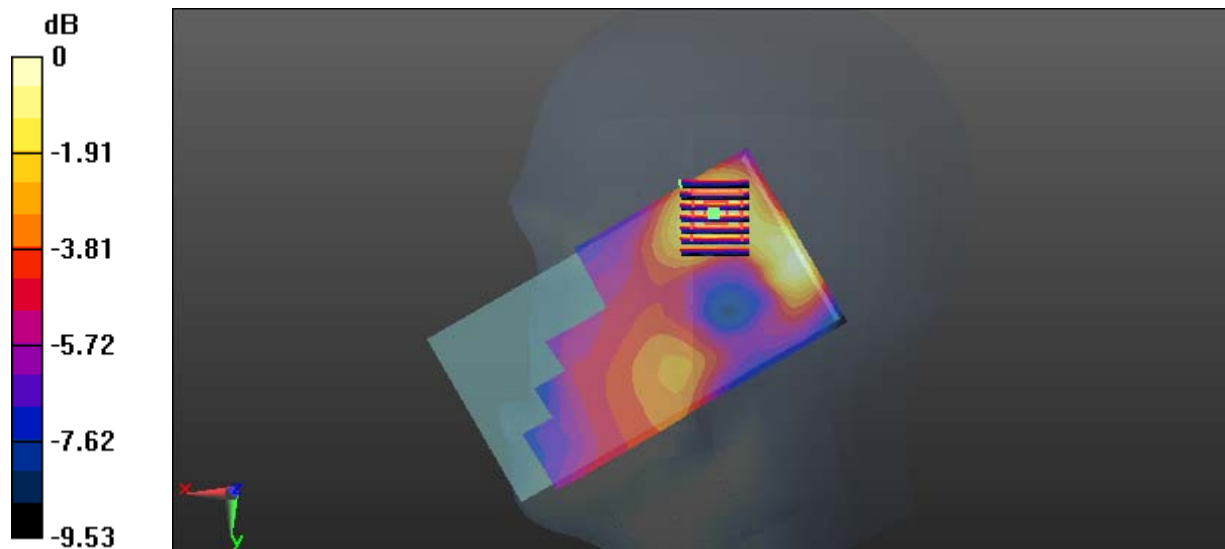Maximum value of SAR (interpolated) = 0.0542 W/kg

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

Reference Value = 5.209 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0542 W/kg

0 dB = 0.0542 W/kg = -12.66 dBW/kg

Test Plot 45#: LTE Band 2_Body Back_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; $\sigma = 1.557$ S/m; $\varepsilon_r = 51.692$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

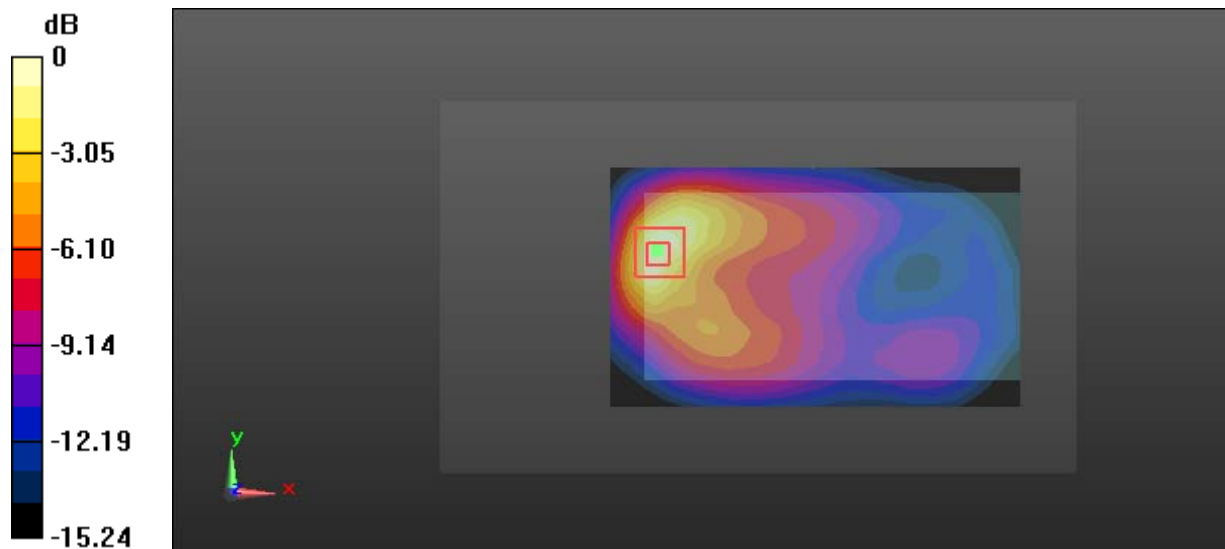Maximum value of SAR (interpolated) = 0.636 W/kg

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

Reference Value = 8.899 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.652 W/kg

0 dB = 0.652 W/kg = -1.86 dBW/kg

Test Plot 46#: LTE Band 2_Body Back_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

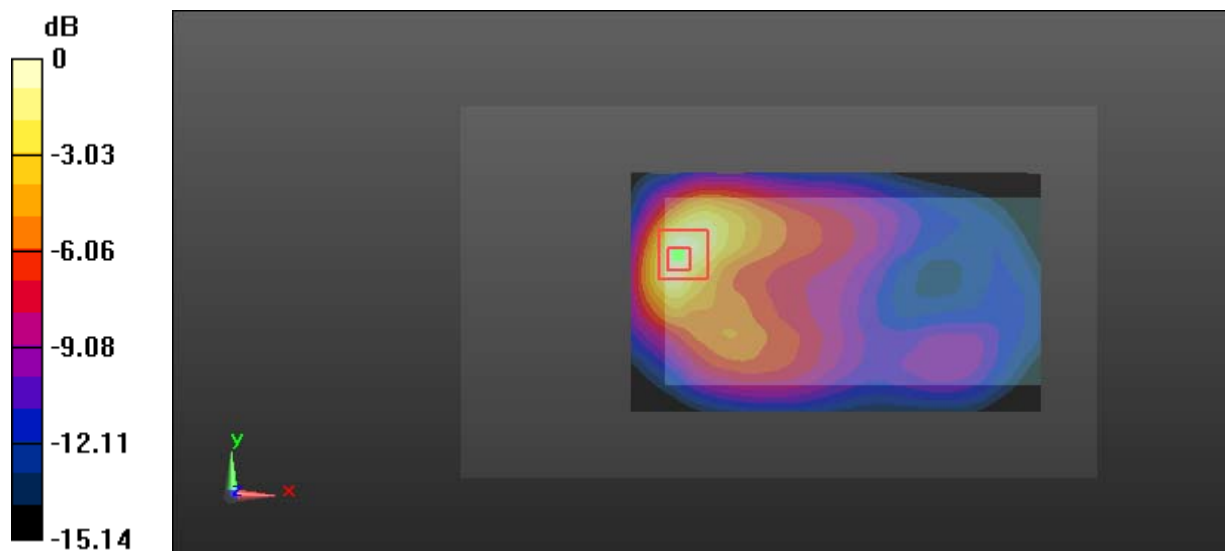Maximum value of SAR (interpolated) = 0.570 W/kg

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

Reference Value = 8.329 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 0.586 W/kg

0 dB = 0.586 W/kg = -2.32 dBW/kg

Test Plot 47#: LTE Band 2_Body Left_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

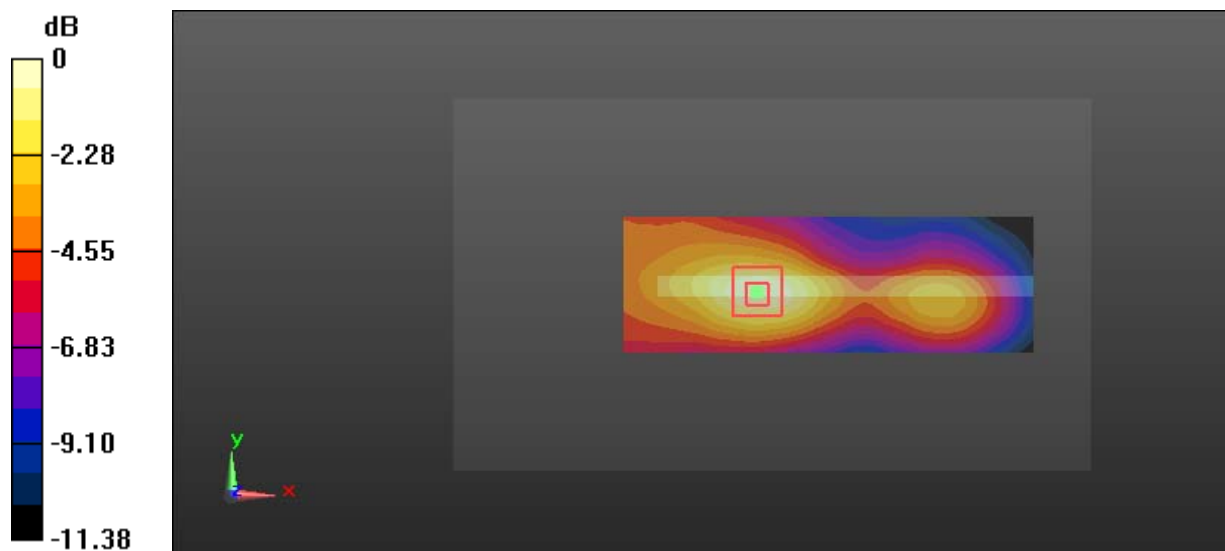Maximum value of SAR (interpolated) = 0.0871 W/kg

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

Reference Value = 7.474 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0890 W/kg

0 dB = 0.0890 W/kg = -10.51 dBW/kg

Test Plot 48#: LTE Band 2_Body Left_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

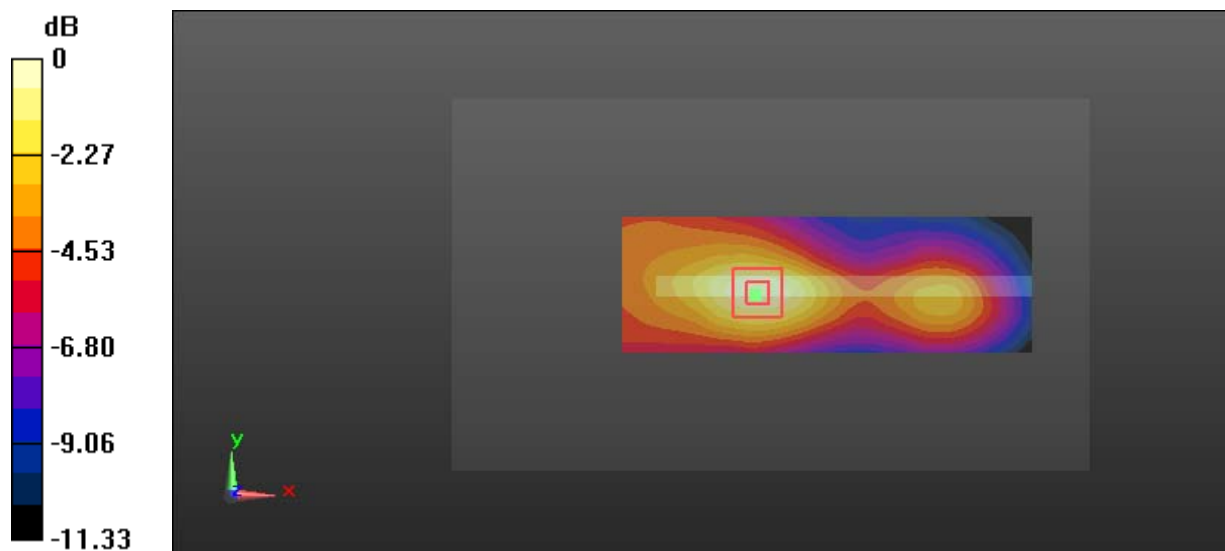Maximum value of SAR (interpolated) = 0.0771 W/kg

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

Reference Value = 6.885 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0776 W/kg

0 dB = 0.0776 W/kg = -11.10 dBW/kg

Test Plot 49#: LTE Band 2_Body Right_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

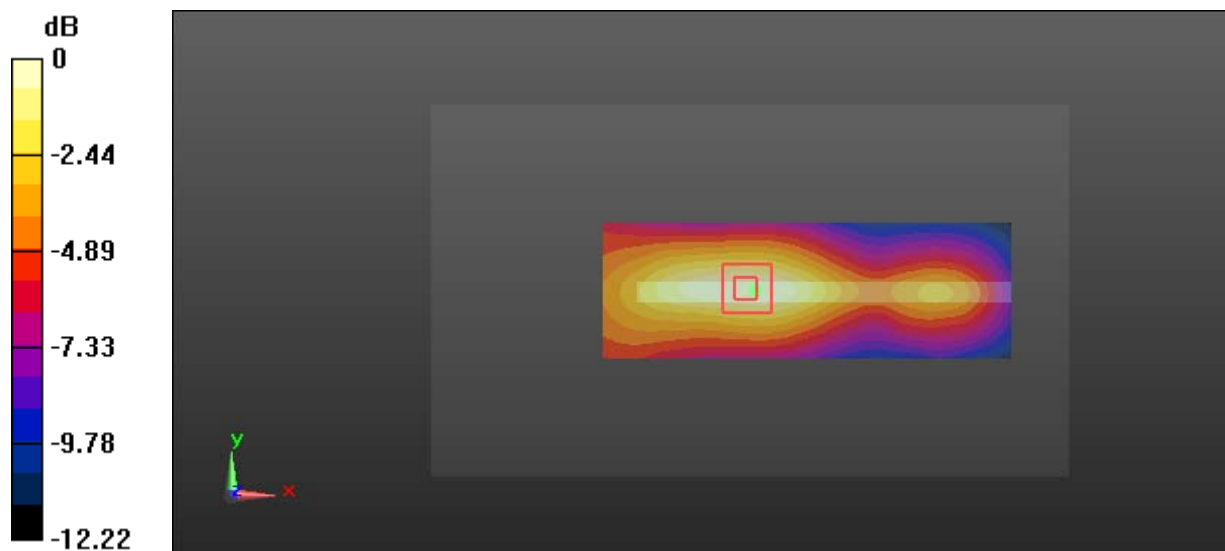Maximum value of SAR (interpolated) = 0.126 W/kg

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

Reference Value = 9.125 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.070 W/kg

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

0 dB = 0.125 W/kg = -9.03 dBW/kg

Test Plot 50#: LTE Band 2_Body Right_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
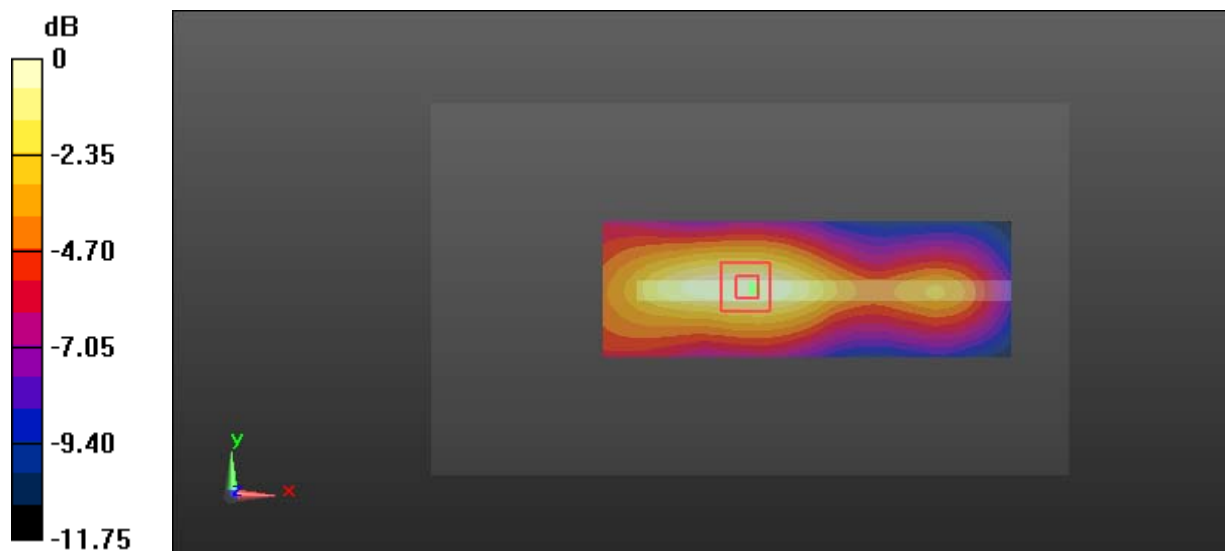
Maximum value of SAR (interpolated) = 0.107 W/kg

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

Reference Value = 8.598 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.109 W/kg

0 dB = 0.109 W/kg = -9.63 dBW/kg

Test Plot 51#: LTE Band 2_Body Bottom_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; $\sigma = 1.557$ S/m; $\varepsilon_r = 51.692$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
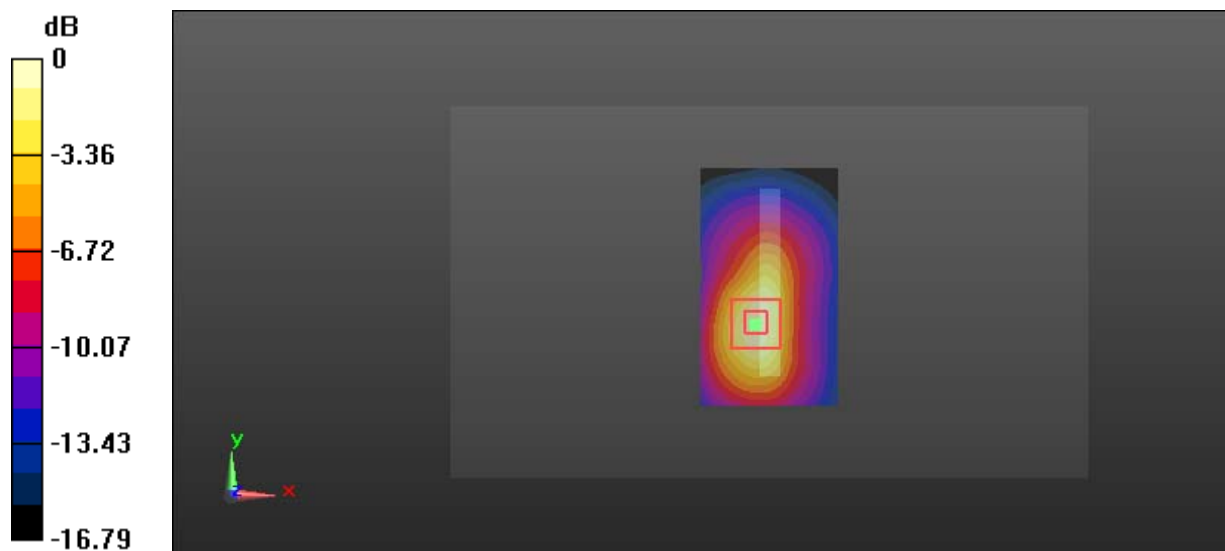
Maximum value of SAR (interpolated) = 0.642 W/kg

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

Reference Value = 16.53 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.639 W/kg

0 dB = 0.639 W/kg = -1.94 dBW/kg

Test Plot 52#: LTE Band 2_Body Bottom_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: 1880 MHz; σ = 1.557 S/m; ε_r = 51.692; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.98, 7.98, 7.98); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
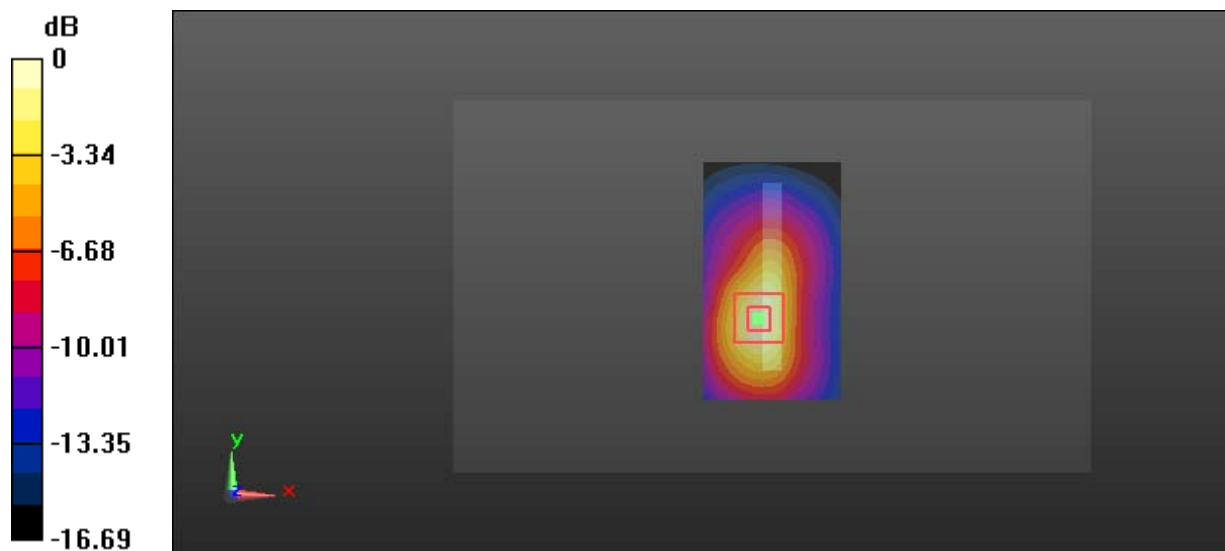
Maximum value of SAR (interpolated) = 0.564 W/kg

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

Reference Value = 15.48 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.561 W/kg

0 dB = 0.561 W/kg = -2.51 dBW/kg

Test Plot 53#: LTE Band 4_Head Left Cheek_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

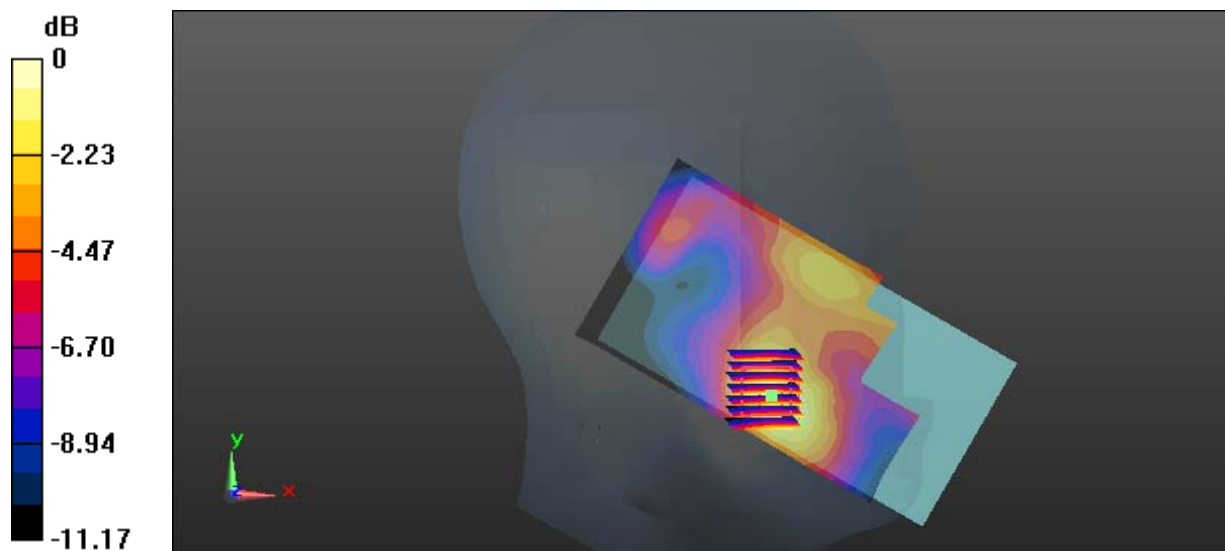Maximum value of SAR (interpolated) = 0.117 W/kg

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

Reference Value = 4.784 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.066 W/kg

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

0 dB = 0.114 W/kg = -9.43 dBW/kg

Test Plot 54#: LTE Band 4_Head Left Cheek_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

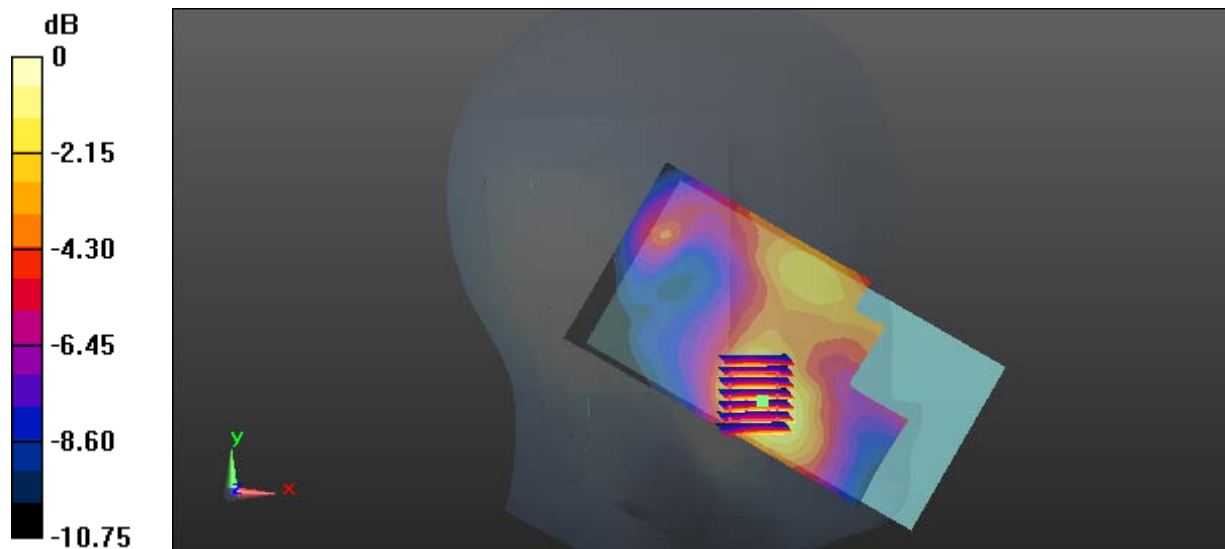Maximum value of SAR (interpolated) = 0.0851 W/kg

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

Reference Value = 4.292 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0827 W/kg

0 dB = 0.0827 W/kg = -10.82 dBW/kg

Test Plot 55#: LTE Band 4_Head Left Tilt_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

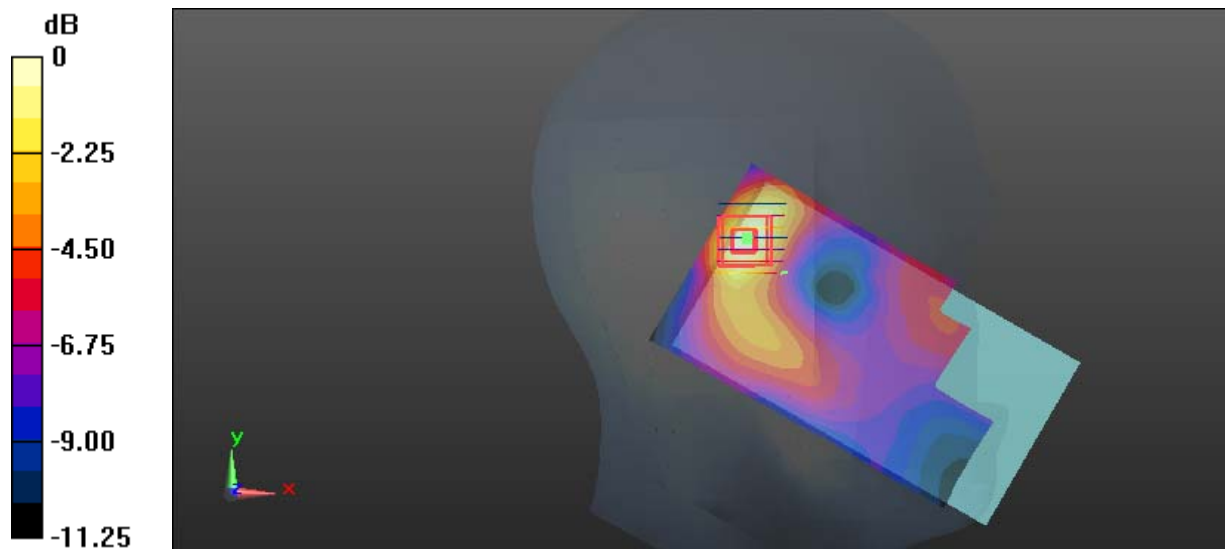Maximum value of SAR (interpolated) = 0.0860 W/kg

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

Reference Value = 7.464 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0867 W/kg

0 dB = 0.0867 W/kg = -10.62 dBW/kg

Test Plot 56#: LTE Band 4_Head Left Tilt_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

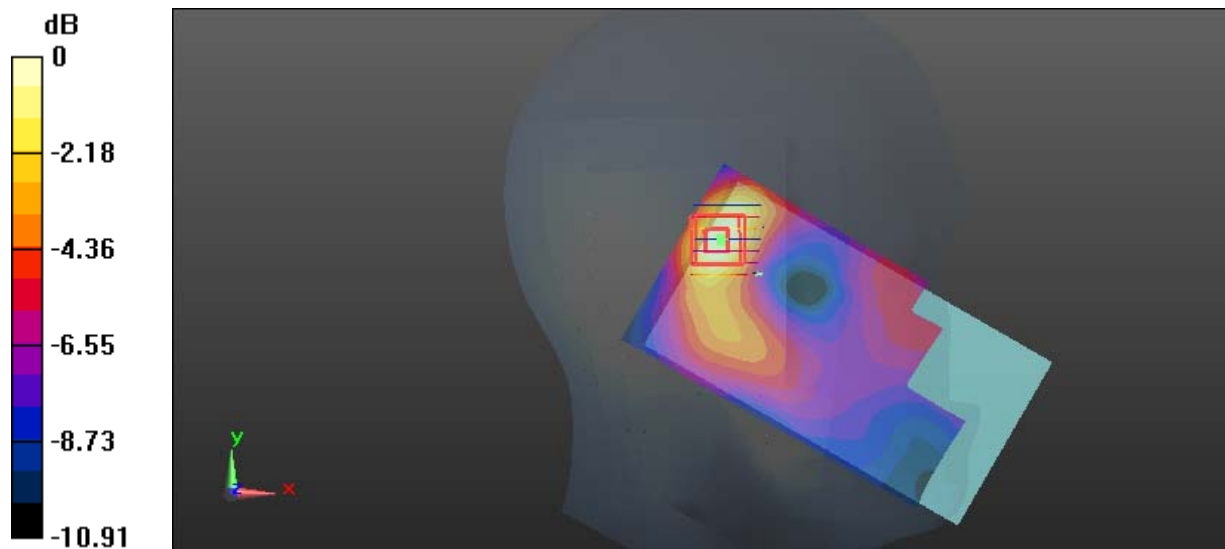Maximum value of SAR (interpolated) = 0.0694 W/kg

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

Reference Value = 6.661 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0675 W/kg

0 dB = 0.0675 W/kg = -11.71 dBW/kg

Test Plot 57#: LTE Band 4_Head Right Cheek_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

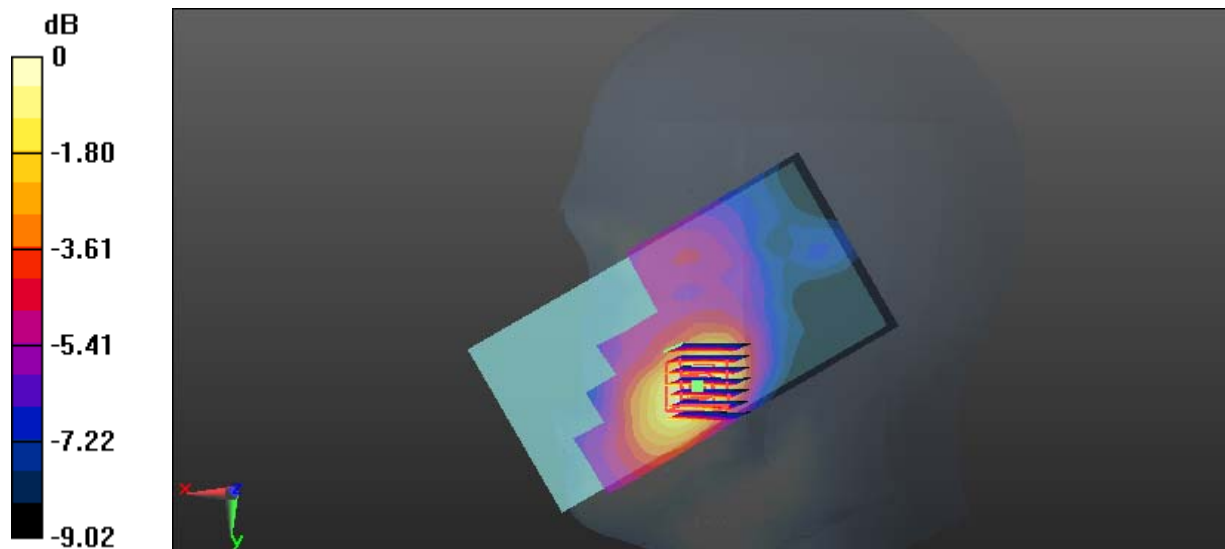Maximum value of SAR (interpolated) = 0.191 W/kg

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

Reference Value = 5.100 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.188 W/kg

0 dB = 0.188 W/kg = -7.26 dBW/kg

Test Plot 58#: LTE Band 4_Head Right Cheek_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

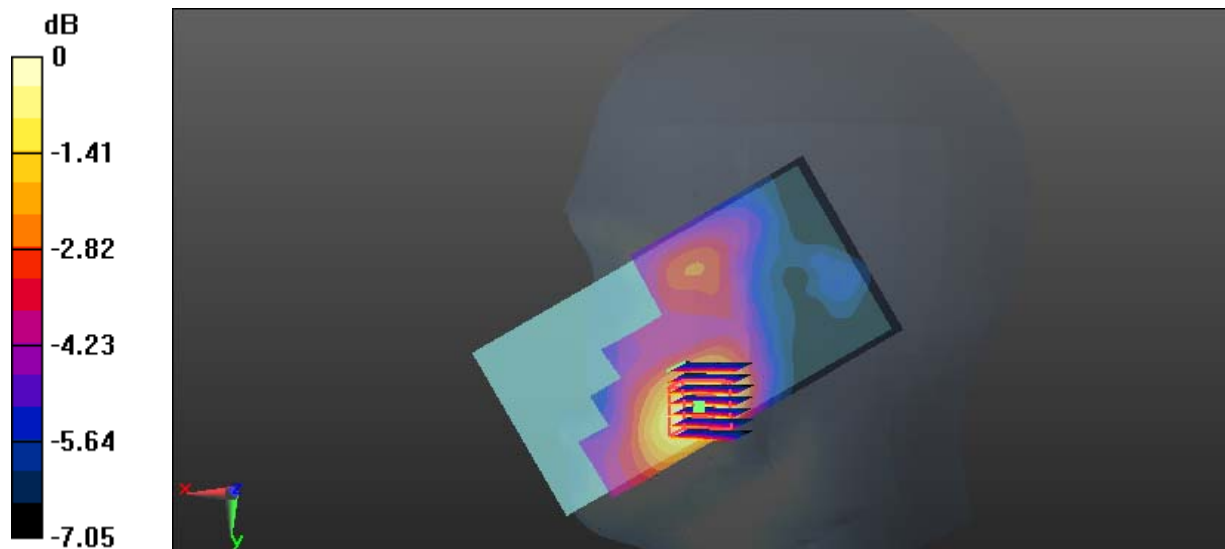Maximum value of SAR (interpolated) = 0.119 W/kg

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

Reference Value = 4.961 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.075 W/kg

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

0 dB = 0.118 W/kg = -9.28 dBW/kg

Test Plot 59#: LTE Band 4_Head Right Tilt_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

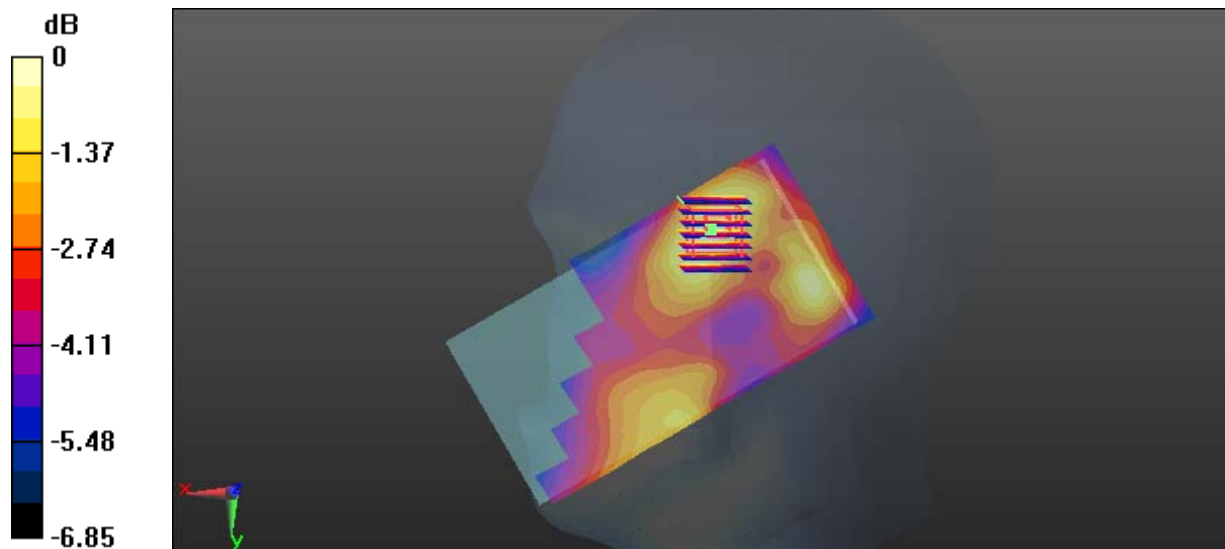Maximum value of SAR (interpolated) = 0.0546 W/kg

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

Reference Value = 5.376 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0549 W/kg

0 dB = 0.0549 W/kg = -12.60 dBW/kg

Test Plot 60#: LTE Band 4_Head Right Tilt_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.388 S/m; ε_r = 40.461; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.47, 8.47, 8.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

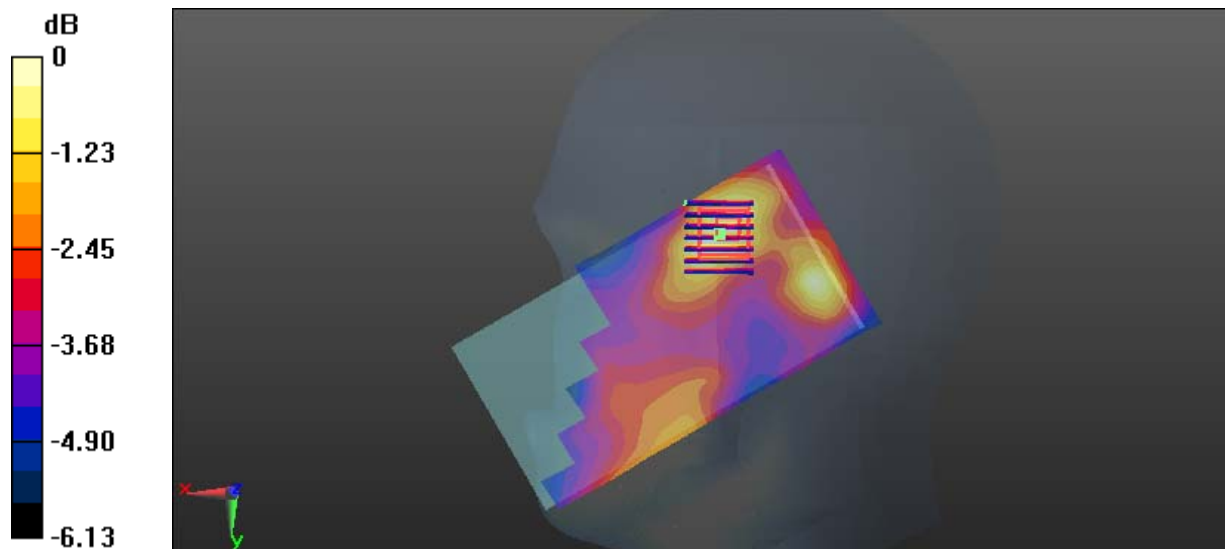Maximum value of SAR (interpolated) = 0.0474 W/kg

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

Reference Value = 5.417 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0475 W/kg

0 dB = 0.0475 W/kg = -13.23 dBW/kg

Test Plot 61#: LTE Band 4_Body Back_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.492 S/m; ε_r = 53.436; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
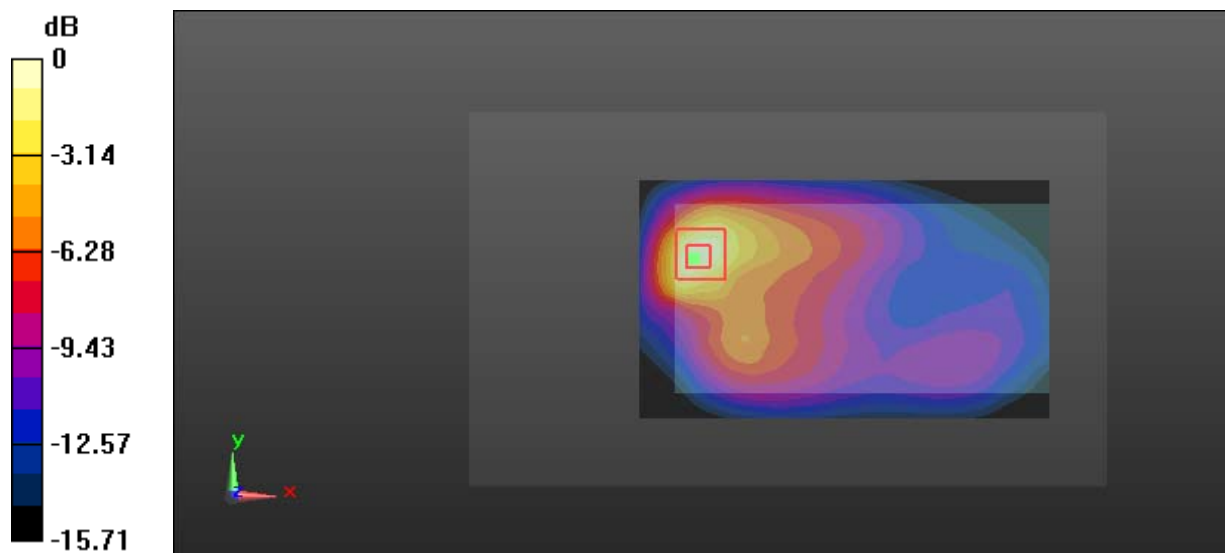
Maximum value of SAR (interpolated) = 0.846 W/kg

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

Reference Value = 10.84 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 0.876 W/kg

0 dB = 0.876 W/kg = -0.57 dBW/kg

Test Plot 62#: LTE Band 4_Body Back_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; $\sigma = 1.492$ S/m; $\varepsilon_r = 53.436$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
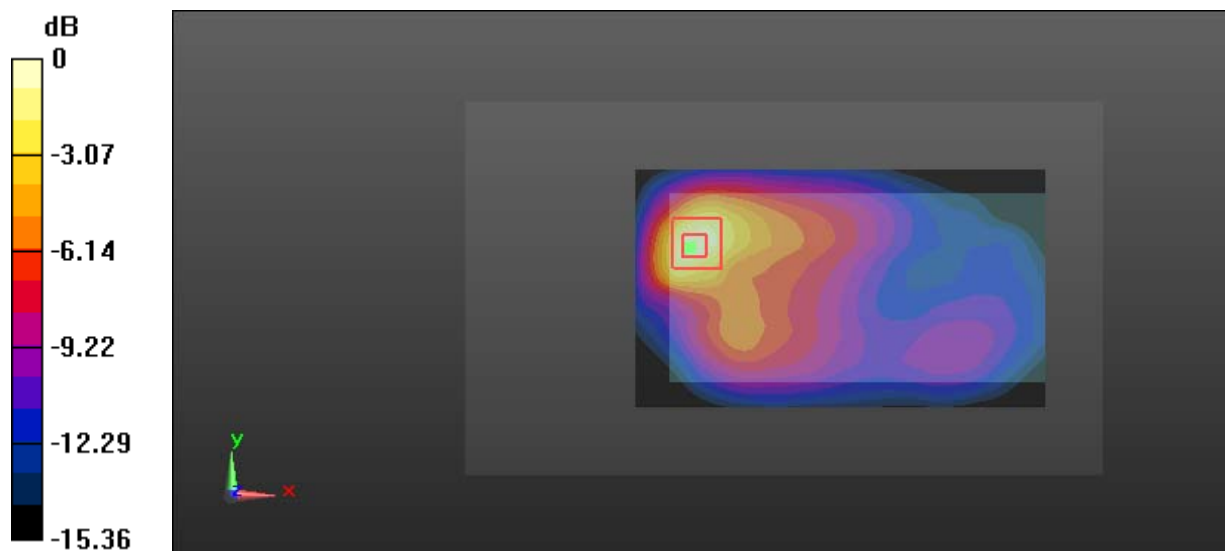
Maximum value of SAR (interpolated) = 0.585 W/kg

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

Reference Value = 9.086 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.606 W/kg

0 dB = 0.606 W/kg = -2.18 dBW/kg

Test Plot 63#: LTE Band 4_Body Left_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.492 S/m; ε_r = 53.436; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
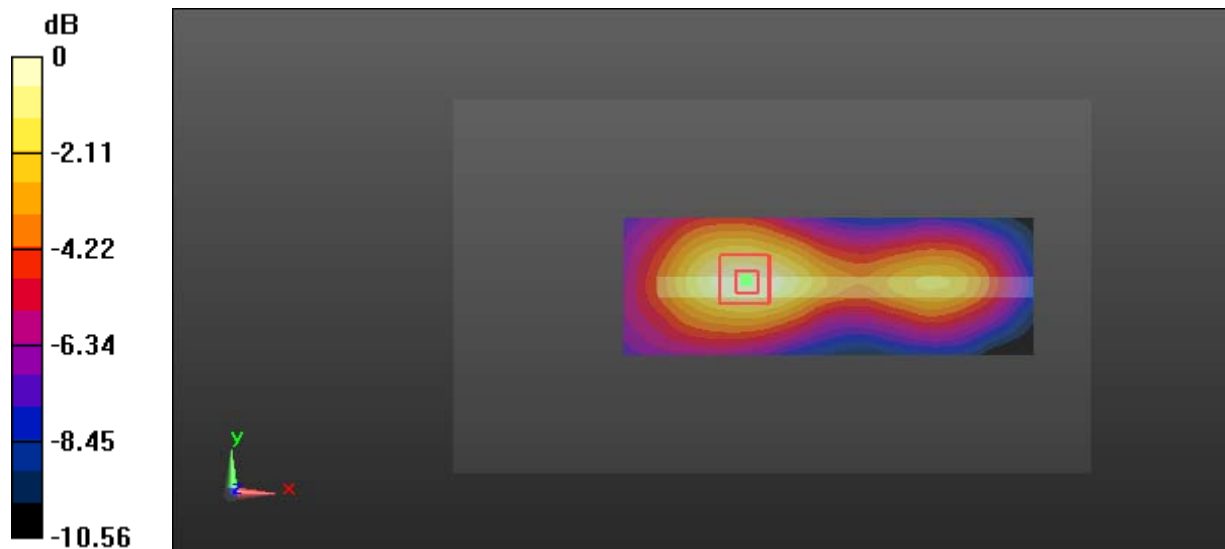
Maximum value of SAR (interpolated) = 0.0915 W/kg

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

Reference Value = 7.626 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.0899 W/kg

0 dB = 0.0899 W/kg = -10.46 dBW/kg

Test Plot 64#: LTE Band 4_Body Left_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.492 S/m; ε_r = 53.436; ρ = 1000 kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
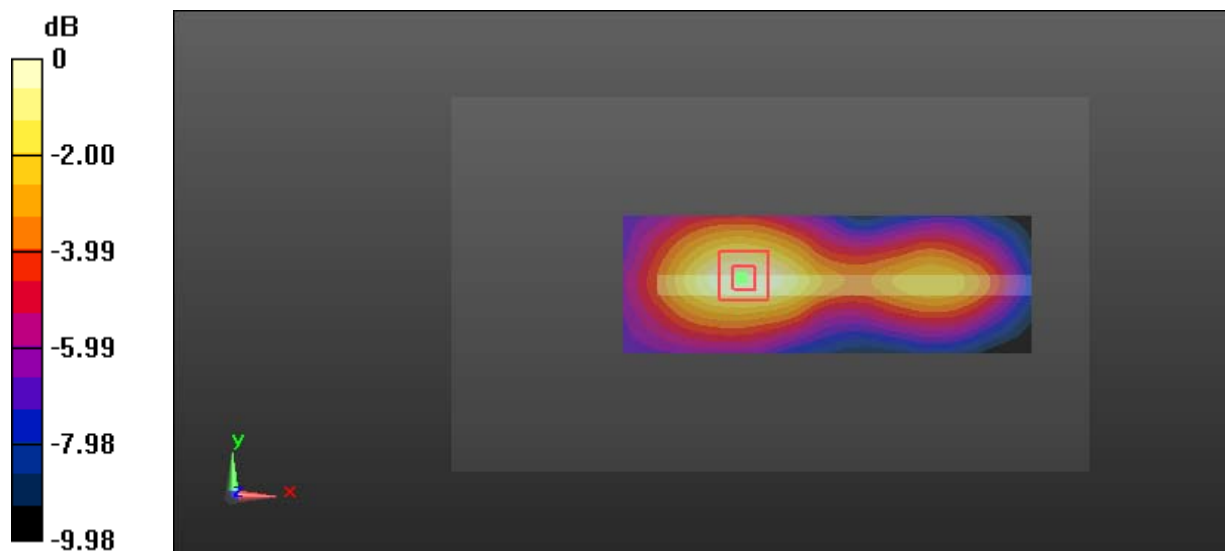
Maximum value of SAR (interpolated) = 0.0773 W/kg

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

Reference Value = 6.714 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0746 W/kg

0 dB = 0.0746 W/kg = -11.27 dBW/kg

Test Plot 65#: LTE Band 4_Body Right_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.492 S/m; ε_r = 53.436; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
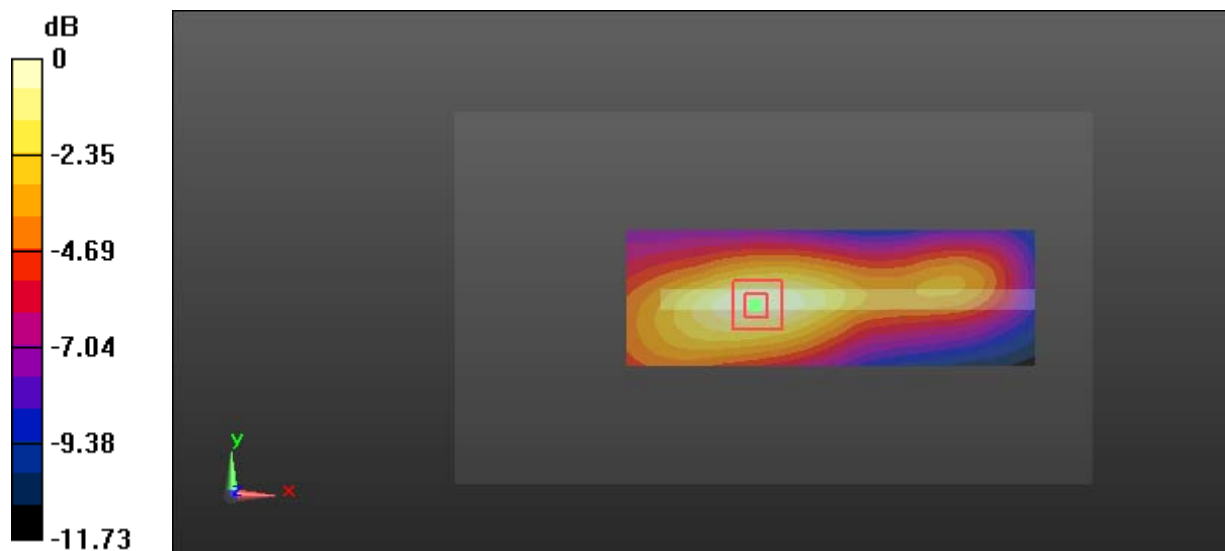
Maximum value of SAR (interpolated) = 0.134 W/kg

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

Reference Value = 9.666 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.135 W/kg

0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Plot 65#: LTE Band 4_Body Right_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.492 S/m; ε_r = 53.436; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
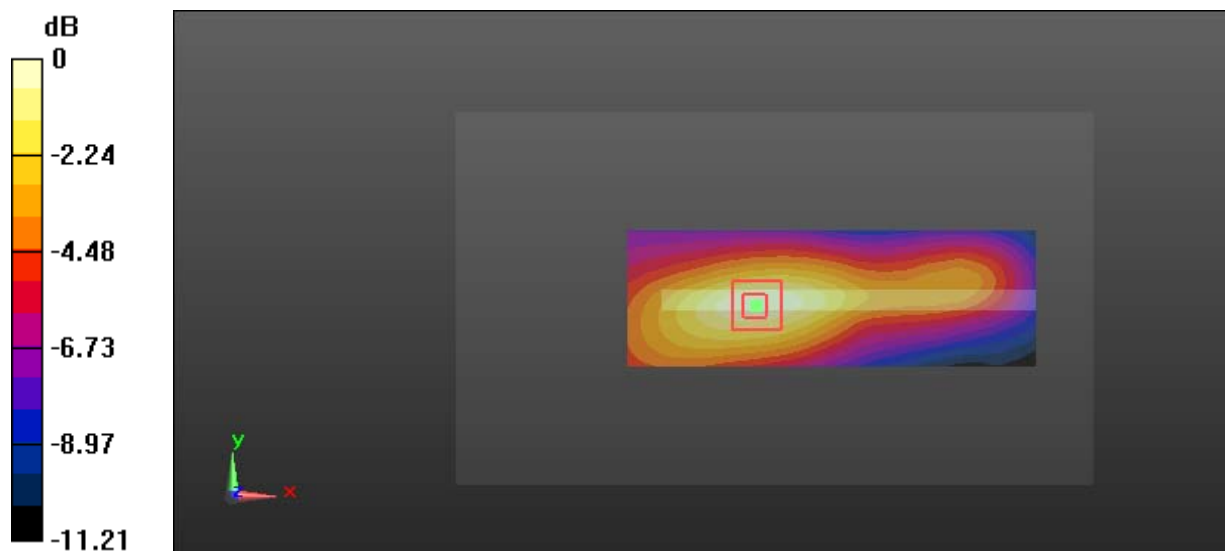
Maximum value of SAR (interpolated) = 0.112 W/kg

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

Reference Value = 8.512 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.113 W/kg

0 dB = 0.113 W/kg = -9.47 dBW/kg

Test Plot 67#: LTE Band 4_Body Bottom_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.492 S/m; ε_r = 53.436; ρ = 1000 kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

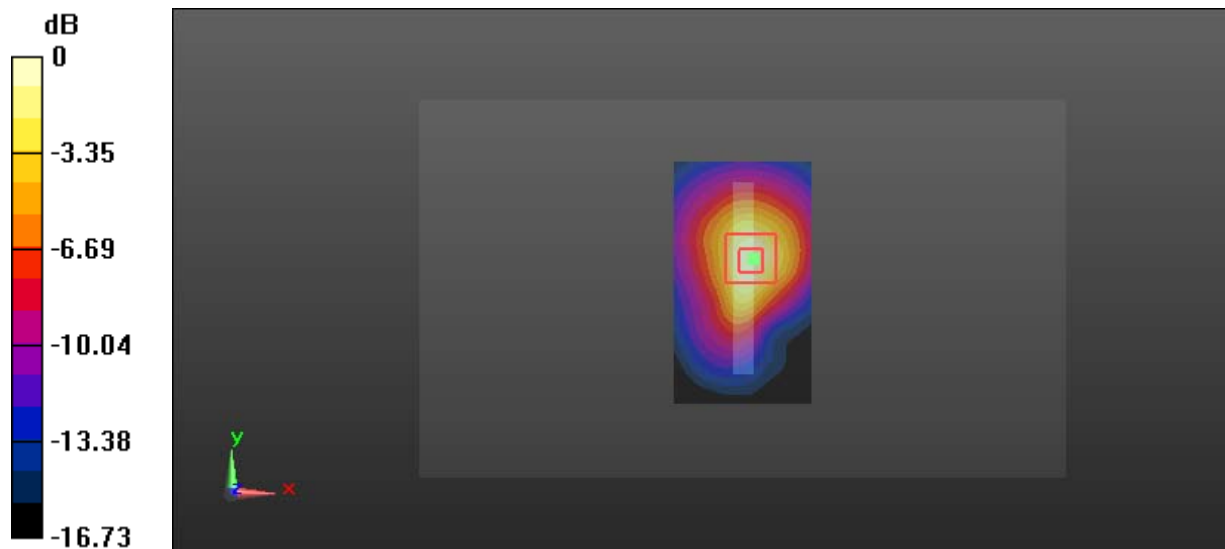Maximum value of SAR (interpolated) = 0.674 W/kg

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

Reference Value = 19.03 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.977 W/kg

SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.661 W/kg

0 dB = 0.661 W/kg = -1.80 dBW/kg

Test Plot 68#: LTE Band 4_Body Bottom_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: 1732.5 MHz; σ = 1.492 S/m; ε_r = 53.436; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
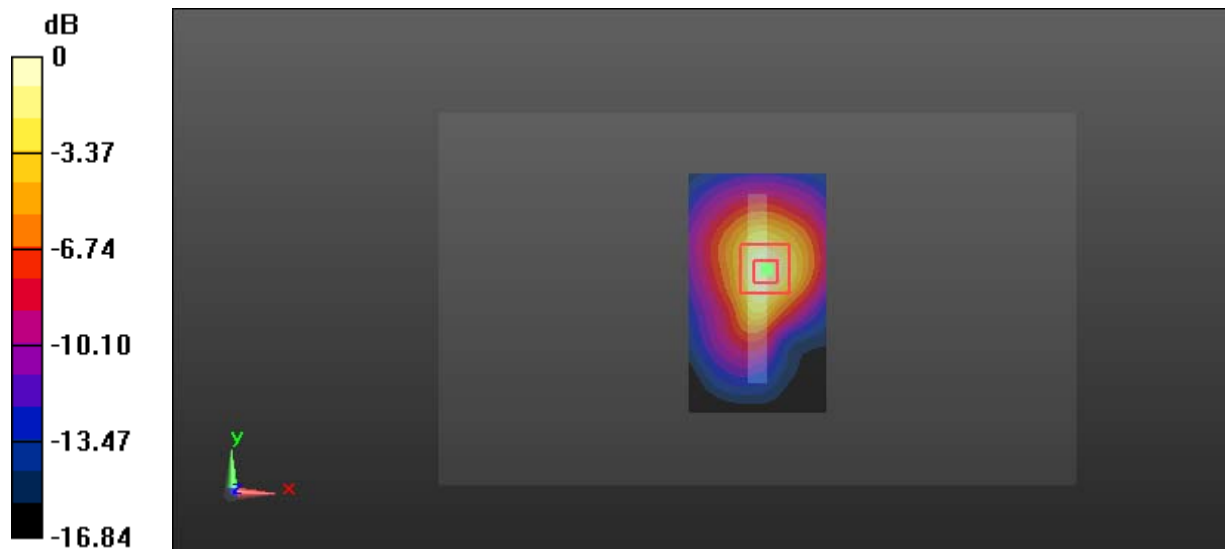
Maximum value of SAR (interpolated) = 0.504 W/kg

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

Reference Value = 15.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.241 W/kg

Maximum value of SAR (measured) = 0.495 W/kg

0 dB = 0.495 W/kg = -3.05 dBW/kg

Test Plot 69#: LTE Band 7_Head Left Cheek_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; $\sigma = 1.931$ S/m; $\varepsilon_r = 38.447$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

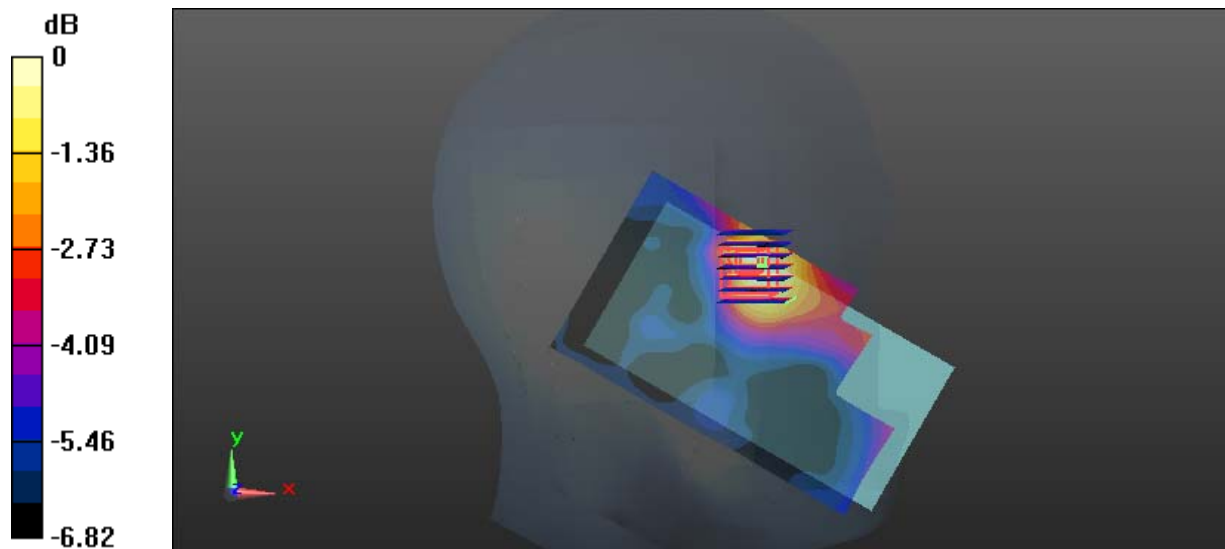Maximum value of SAR (interpolated) = 0.103 W/kg

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

Reference Value = 3.417 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.0982 W/kg

0 dB = 0.0982 W/kg = -10.08 dBW/kg

Test Plot 70#: LTE Band 7_Head Left Cheek_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 1.931 S/m; ε_r = 38.447; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

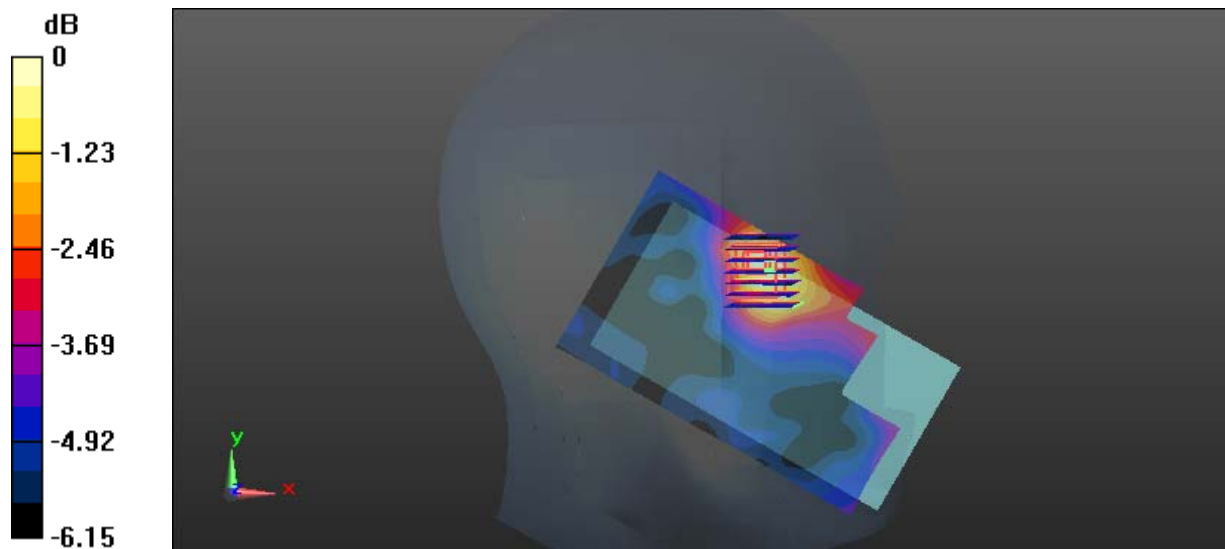Maximum value of SAR (interpolated) = 0.0791 W/kg

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

Reference Value = 3.454 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0772 W/kg

0 dB = 0.0772 W/kg = -11.12 dBW/kg

Test Plot 71#: LTE Band 7_Head Left Tilt_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; $\sigma = 1.931$ S/m; $\varepsilon_r = 38.447$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

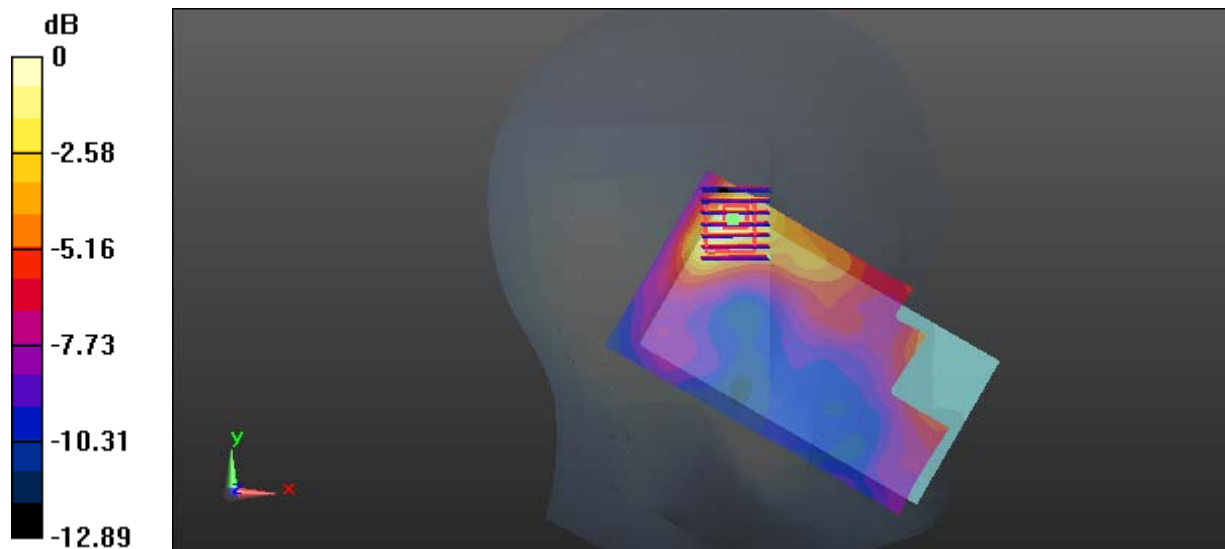Maximum value of SAR (interpolated) = 0.0632 W/kg

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

Reference Value = 4.056 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0585 W/kg

0 dB = 0.0585 W/kg = -12.33 dBW/kg

Test Plot 72#: LTE Band 7_Head Left Tilt_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 1.931 S/m; ε_r = 38.447; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

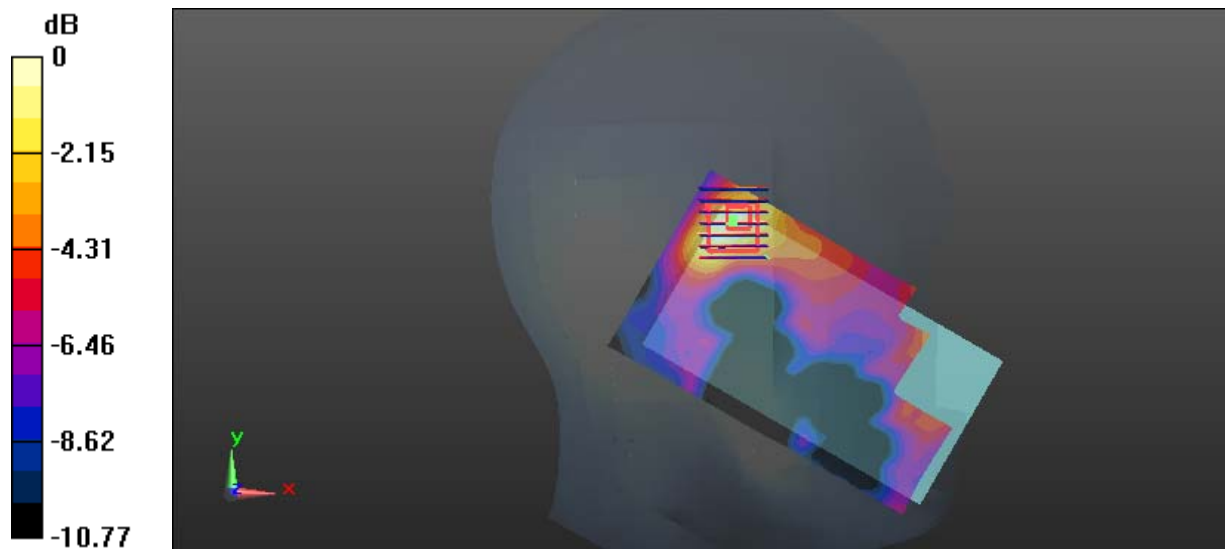Maximum value of SAR (interpolated) = 0.0431 W/kg

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

Reference Value = 3.452 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0470 W/kg

0 dB = 0.0470 W/kg = -13.28 dBW/kg

Test Plot 73#: LTE Band 7_Head Right Cheek_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 1.931 S/m; ε_r = 38.447; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

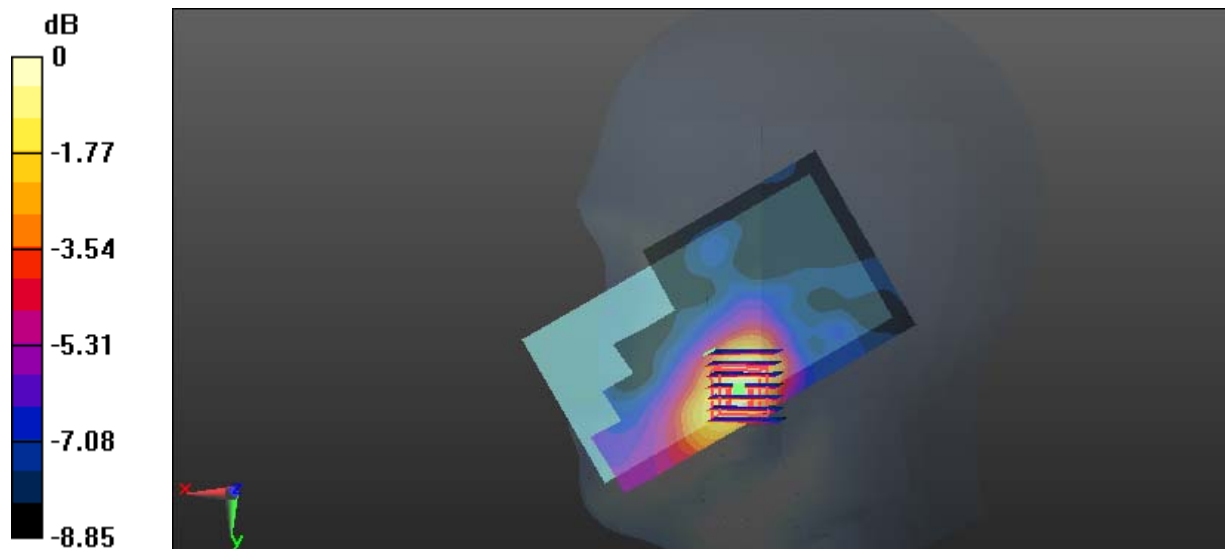Maximum value of SAR (interpolated) = 0.129 W/kg

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

Reference Value = 3.501 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.132 W/kg

0 dB = 0.132 W/kg = -8.79 dBW/kg

Test Plot 74#: LTE Band 7_Head Right Cheek_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 1.931 S/m; ε_r = 38.447; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

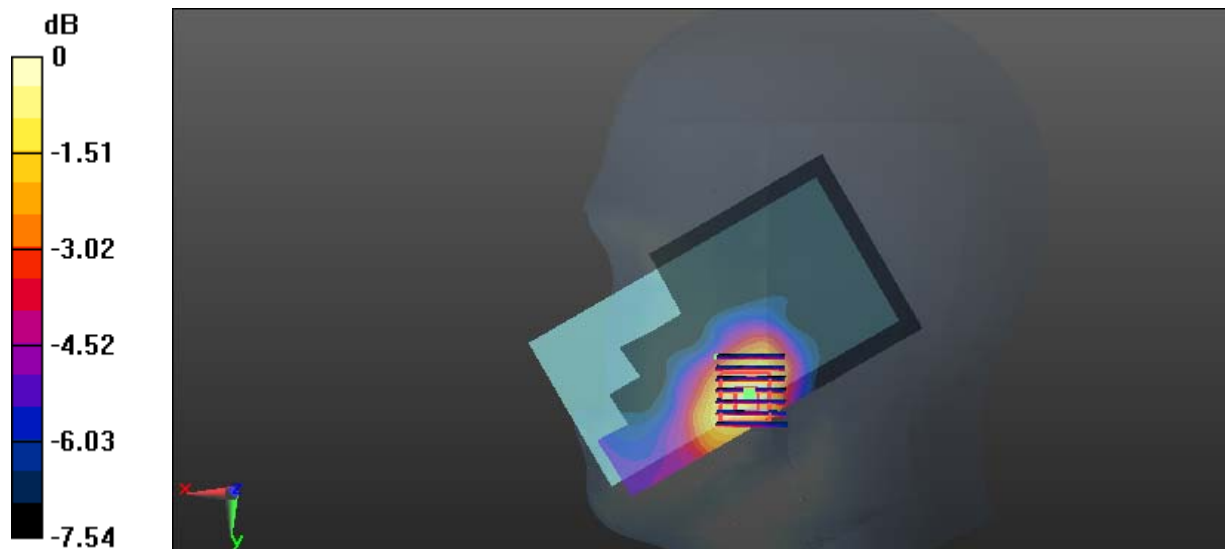Maximum value of SAR (interpolated) = 0.111 W/kg

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

Reference Value = 3.329 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.111 W/kg

0 dB = 0.111 W/kg = -9.55 dBW/kg

Test Plot 75#: LTE Band 7_Head Right Tilt_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 1.931 S/m; ε_r = 38.447; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

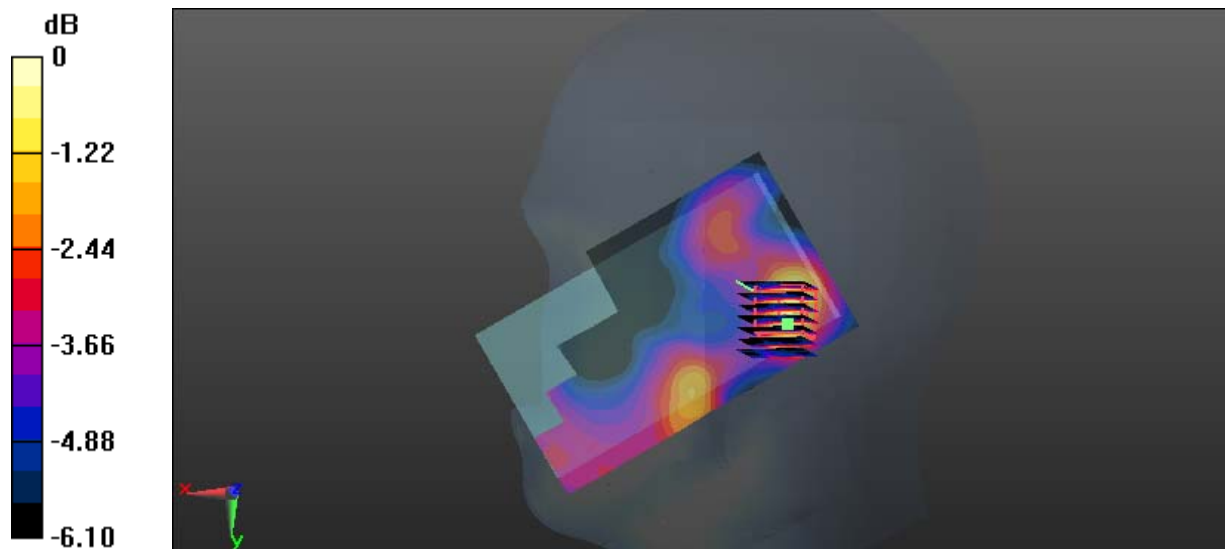Maximum value of SAR (interpolated) = 0.0417 W/kg

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

Reference Value = 3.816 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0481 W/kg

0 dB = 0.0481 W/kg = -13.18 dBW/kg

Test Plot 76#: LTE Band 7_Head Right Tilt_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 1.931 S/m; $ε_r$ = 38.447; ρ = 1000 kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.44, 7.44, 7.44); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

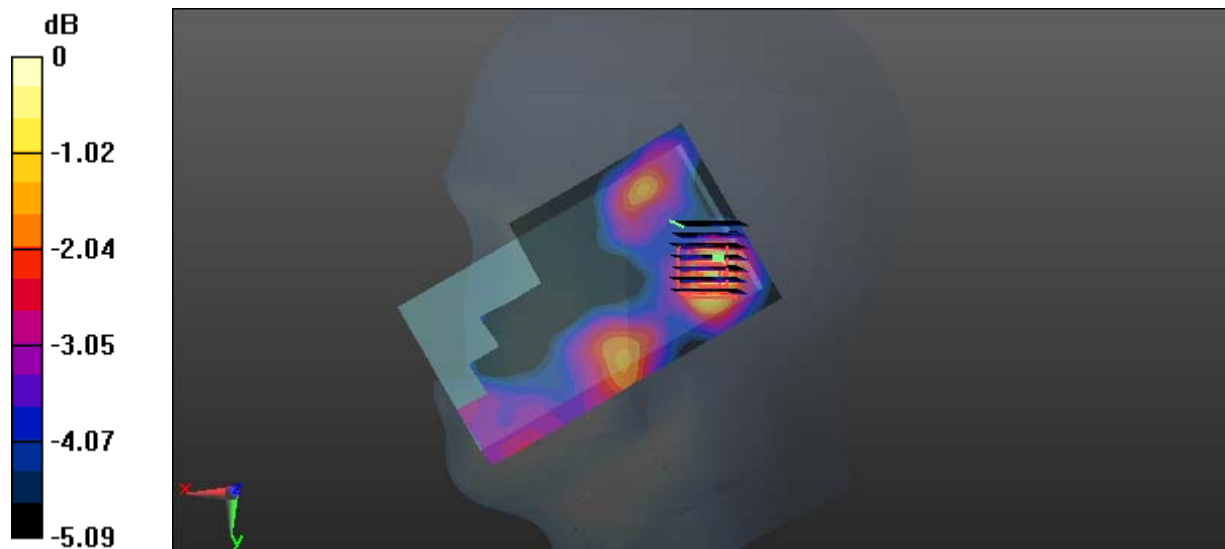Maximum value of SAR (interpolated) = 0.0362 W/kg

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

Reference Value = 3.338 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0368 W/kg

0 dB = 0.0368 W/kg = -14.34 dBW/kg

Test Plot 77#: LTE Band 7_Body Back_1RB Low Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2510 MHz; σ = 2.061 S/m; ε_r = 51.823; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

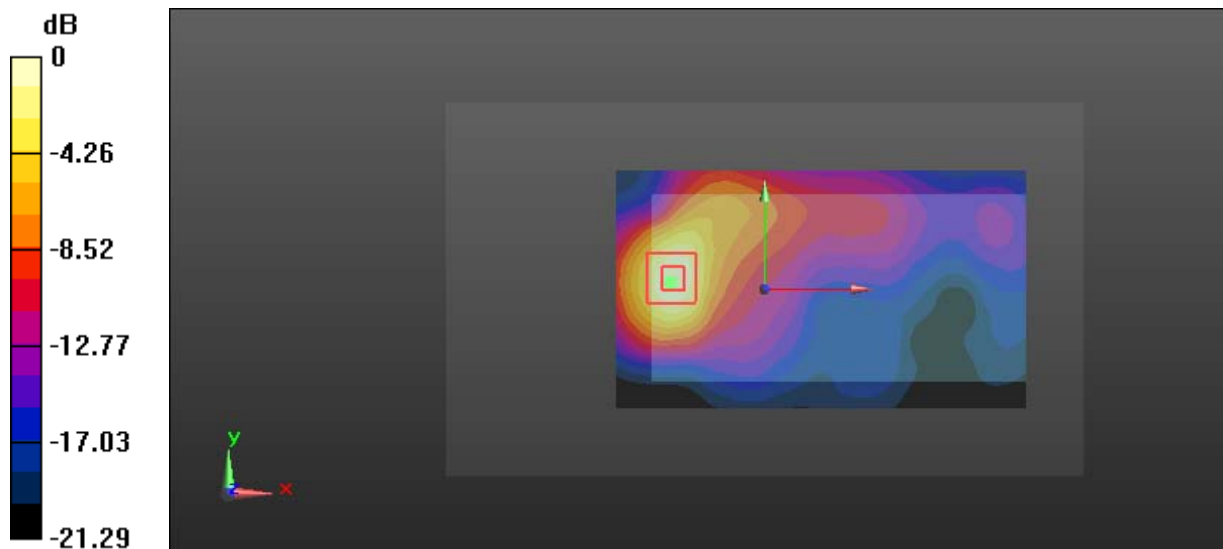Maximum value of SAR (interpolated) = 1.37 W/kg

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

Reference Value = 7.297 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.554 W/kg

Maximum value of SAR (measured) = 1.37 W/kg

0 dB = 1.37 W/kg = 1.37 dBW/kg

Test Plot 78#: LTE Band 7_Body Back_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; $ε_r$ = 51.67; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

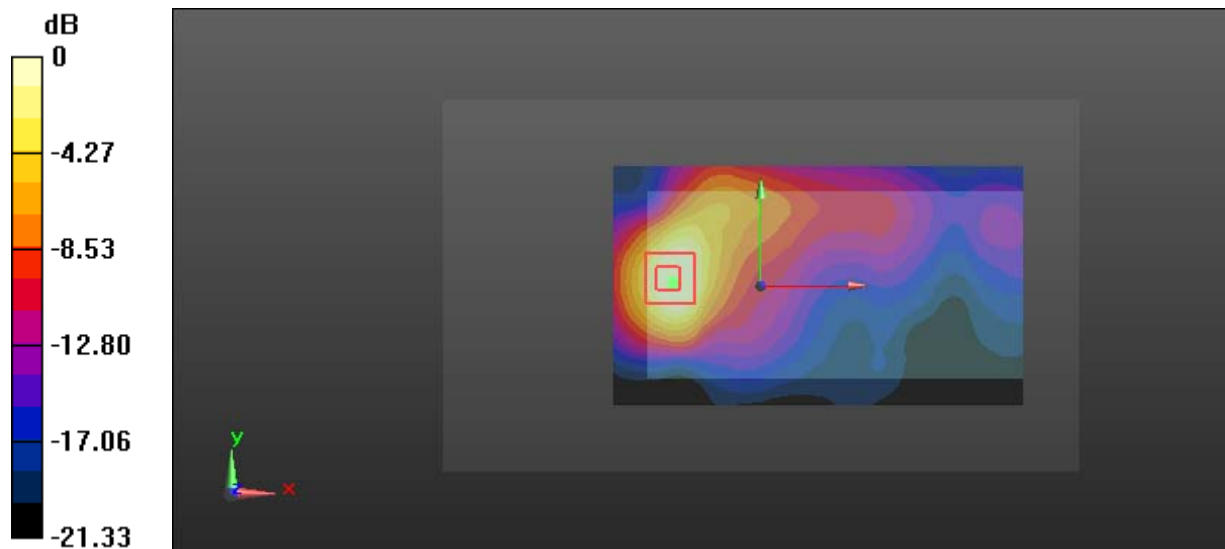Maximum value of SAR (interpolated) = 1.86 W/kg

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

Reference Value = 7.842 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.591 W/kg

Maximum value of SAR (measured) = 1.41 W/kg

0 dB = 1.41 W/kg = 1.49 dBW/kg

Test Plot 79#: LTE Band 7_Body Back_1RB High Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2560 MHz; σ = 2.138 S/m; ε_r = 51.475; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

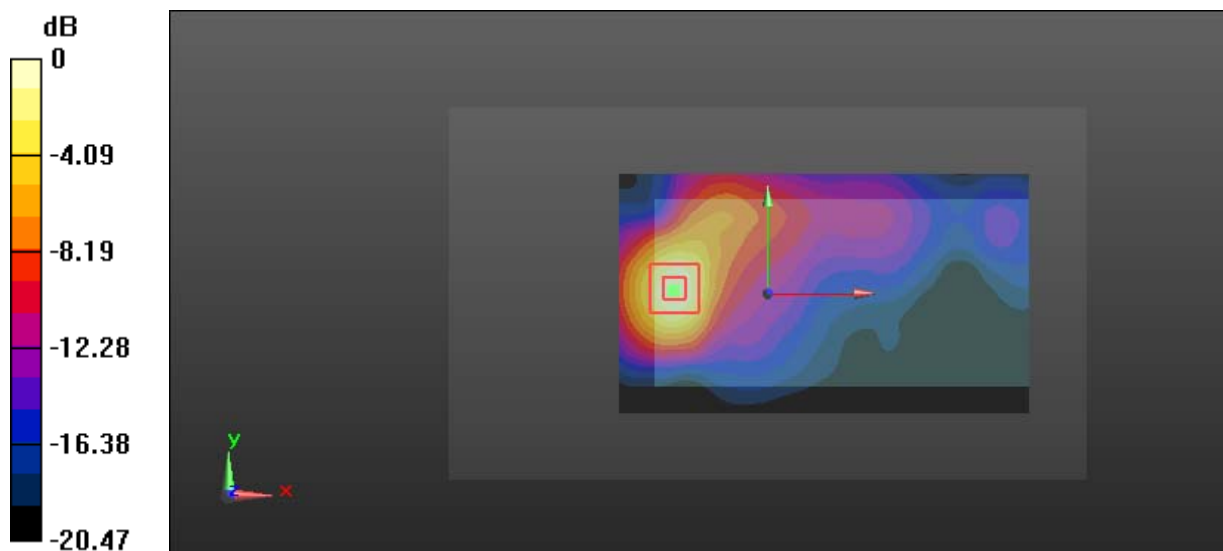Maximum value of SAR (interpolated) = 1.11 W/kg

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

Reference Value = 5.920 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 1.06 W/kg

0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Plot 80#: LTE Band 7_Body Back_50%RB Low Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2510 MHz; σ = 2.061 S/m; ε_r = 51.823; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

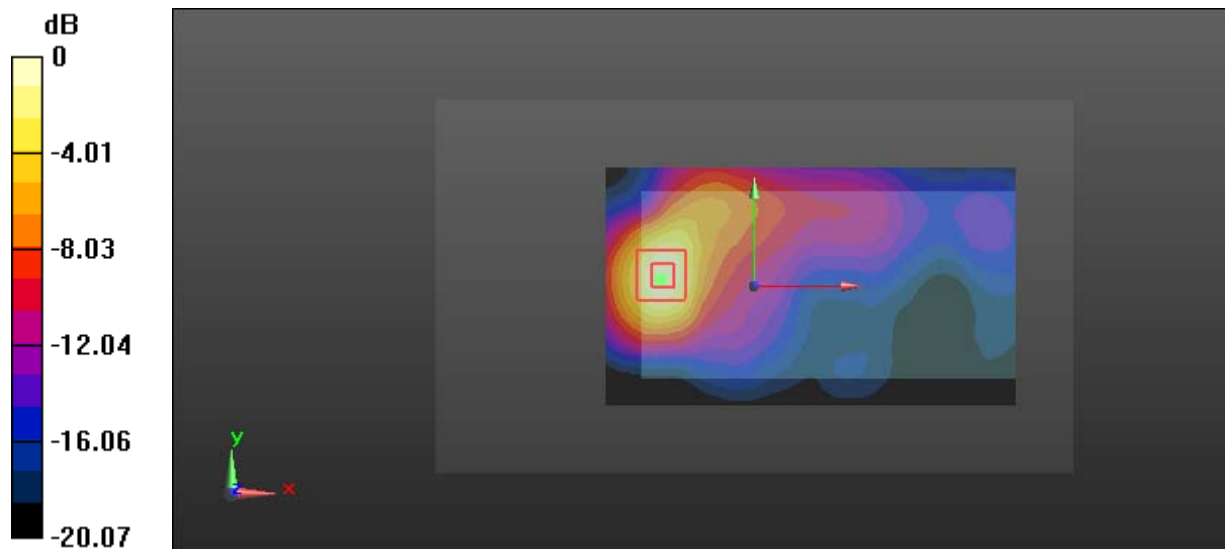Maximum value of SAR (interpolated) = 1.10 W/kg

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

Reference Value = 6.232 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.458 W/kg

Maximum value of SAR (measured) = 1.07 W/kg

0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Plot 81#: LTE Band 7_Body Back_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; ε_r = 51.67; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
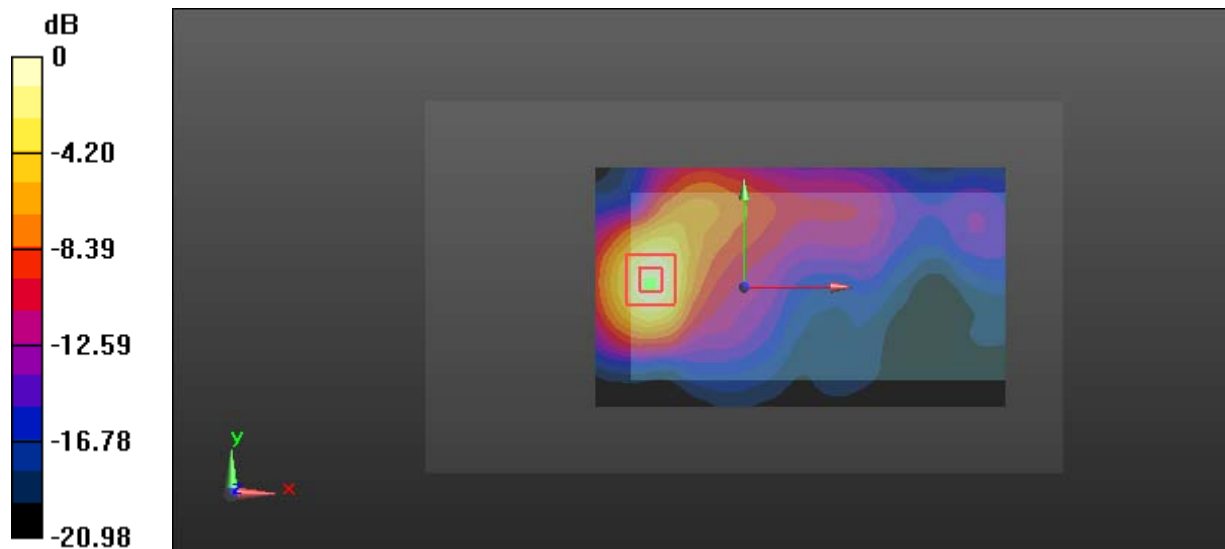
Maximum value of SAR (interpolated) = 1.18 W/kg

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

Reference Value = 6.563 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.465 W/kg

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

0 dB = 1.16 W/kg = 0.64 dBW/kg

Test Plot 82#: LTE Band 7_Body Back_50%RB High Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2560 MHz; σ = 2.138 S/m; ε_r = 51.475; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

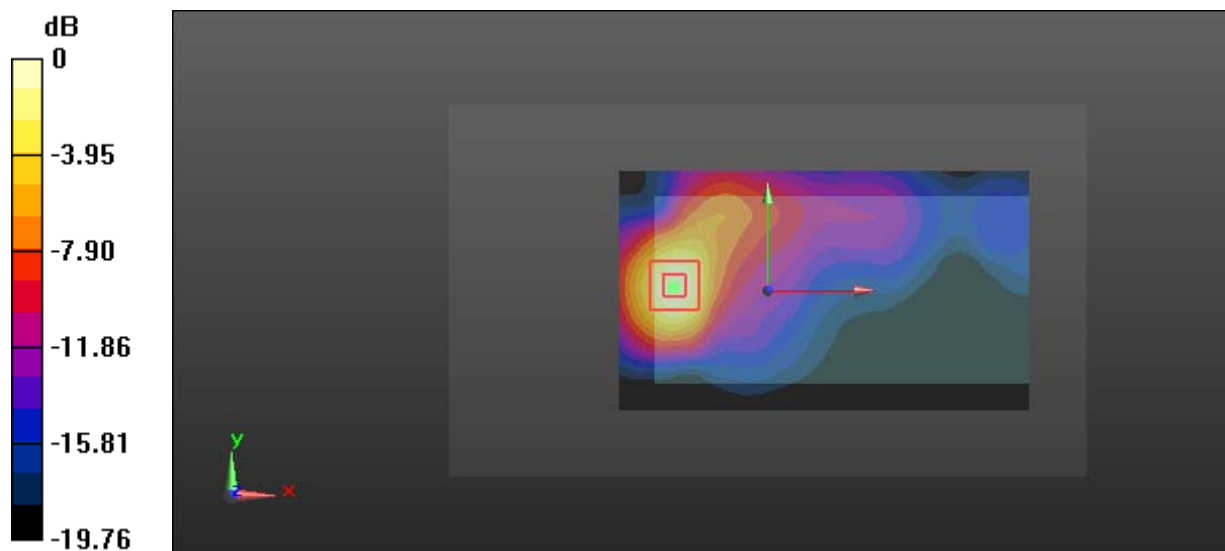Maximum value of SAR (interpolated) = 0.831 W/kg

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

Reference Value = 5.244 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 0.823 W/kg

0 dB = 0.823 W/kg = -0.85 dBW/kg

Test Plot 83#: LTE Band 7_Body Left_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; ε_r = 51.67; ρ = 1000 kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

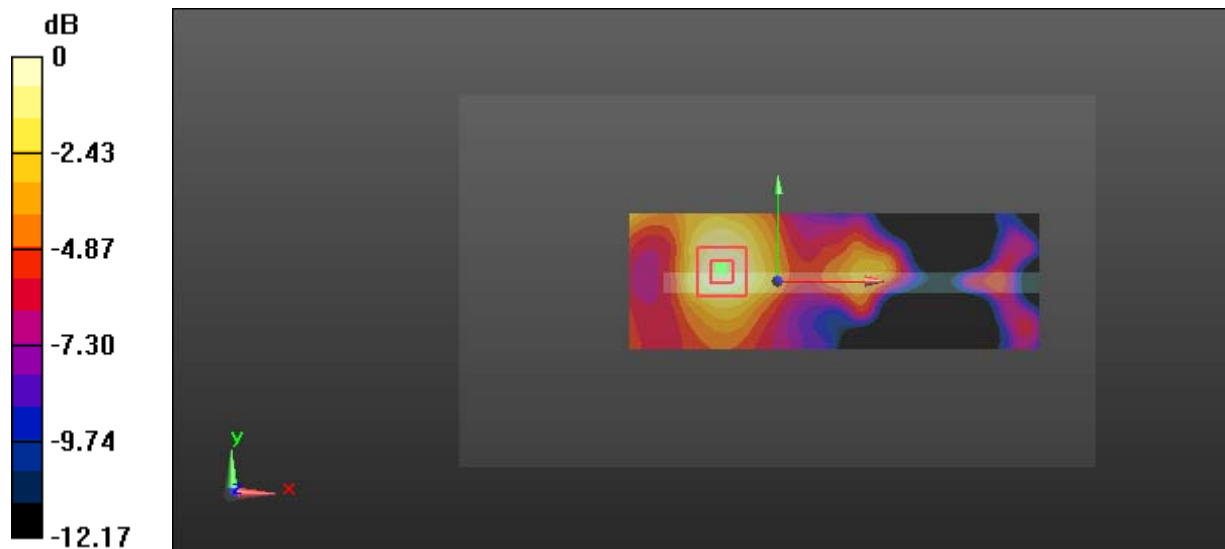Maximum value of SAR (interpolated) = 0.0414 W/kg

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

Reference Value = 2.902 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0397 W/kg

0 dB = 0.0397 W/kg = -14.01 dBW/kg

Test Plot 84#: LTE Band 7_Body Left_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; ε_r = 51.67; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
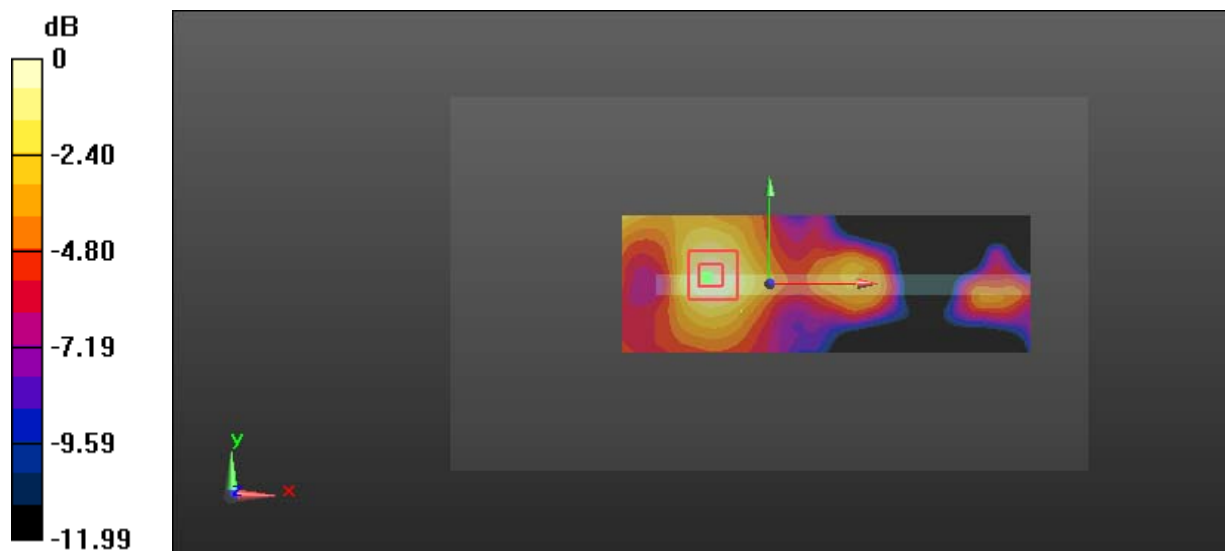
Maximum value of SAR (interpolated) = 0.0332 W/kg

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

Reference Value = 2.895 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0327 W/kg

0 dB = 0.0327 W/kg = -14.85 dBW/kg

Test Plot 85#: LTE Band 7_Body Right_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; $ε_r$ = 51.67; ρ = 1000 kg/m³

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
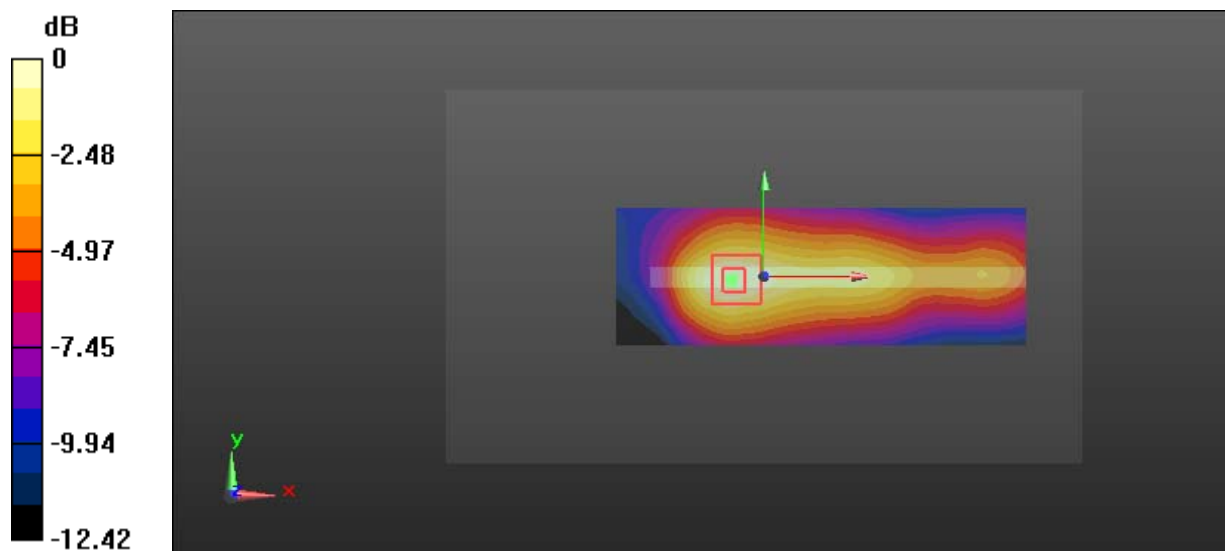
Maximum value of SAR (interpolated) = 0.196 W/kg

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

Reference Value = 9.172 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.185 W/kg

0 dB = 0.185 W/kg = -7.33 dBW/kg

Test Plot 86#: LTE Band 7_Body Right_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; ε_r = 51.67; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
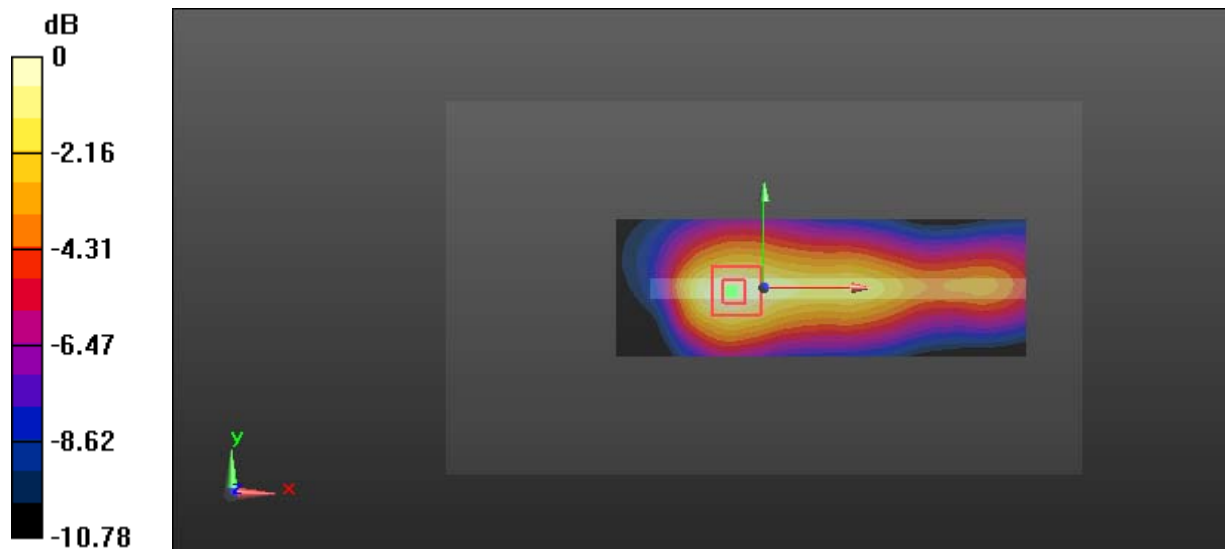
Maximum value of SAR (interpolated) = 0.158 W/kg

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

Reference Value = 8.174 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.151 W/kg

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

Test Plot 87#: LTE Band 7_Body Bottom_1RB Low Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2510 MHz; σ = 2.061 S/m; ε_r = 51.823; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

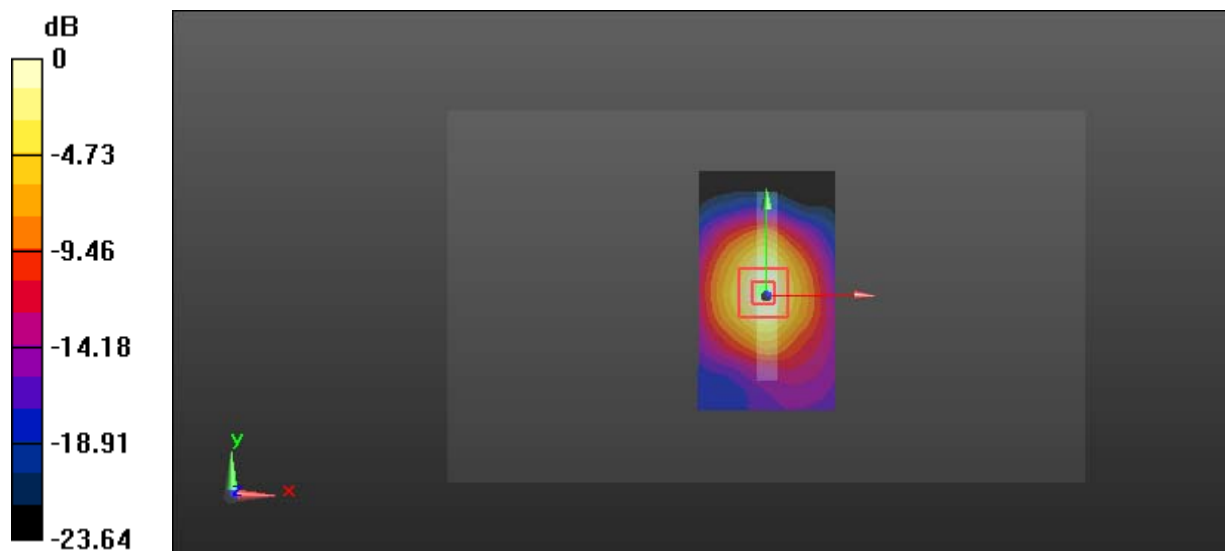Maximum value of SAR (interpolated) = 1.48 W/kg

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

Reference Value = 25.49 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.566 W/kg

Maximum value of SAR (measured) = 1.39 W/kg

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

Test Plot 88#: LTE Band 7_Body Bottom_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; ε_r = 51.67; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

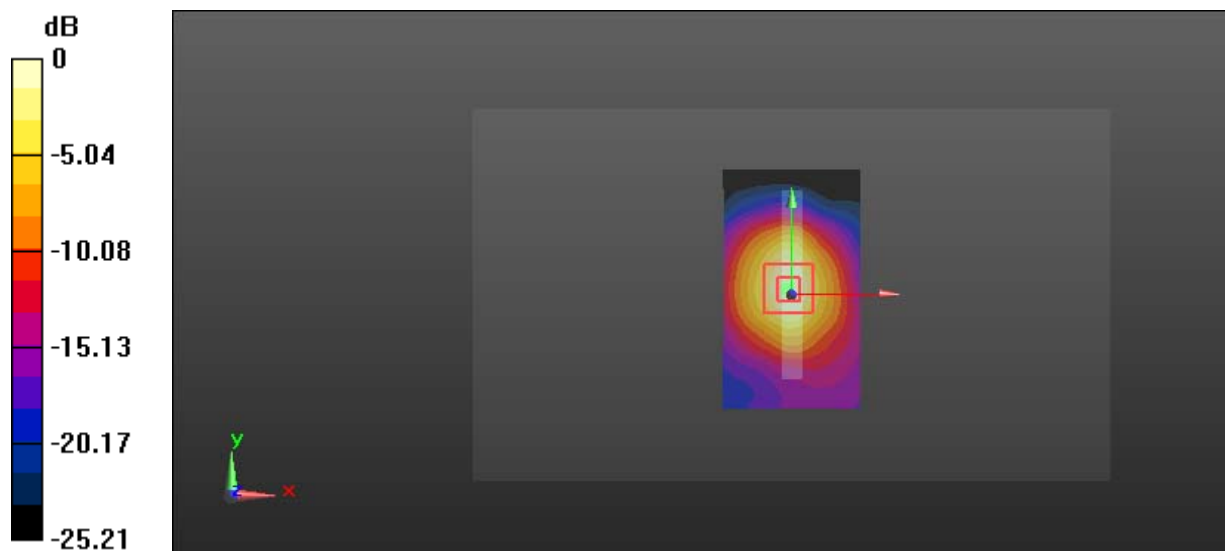Maximum value of SAR (interpolated) = 1.52 W/kg

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

Reference Value = 26.07 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.583 W/kg

Maximum value of SAR (measured) = 1.49 W/kg

0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Plot 89#: LTE Band 7_Body Bottom_1RB High Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2560 MHz; σ = 2.138 S/m; ε_r = 51.475; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

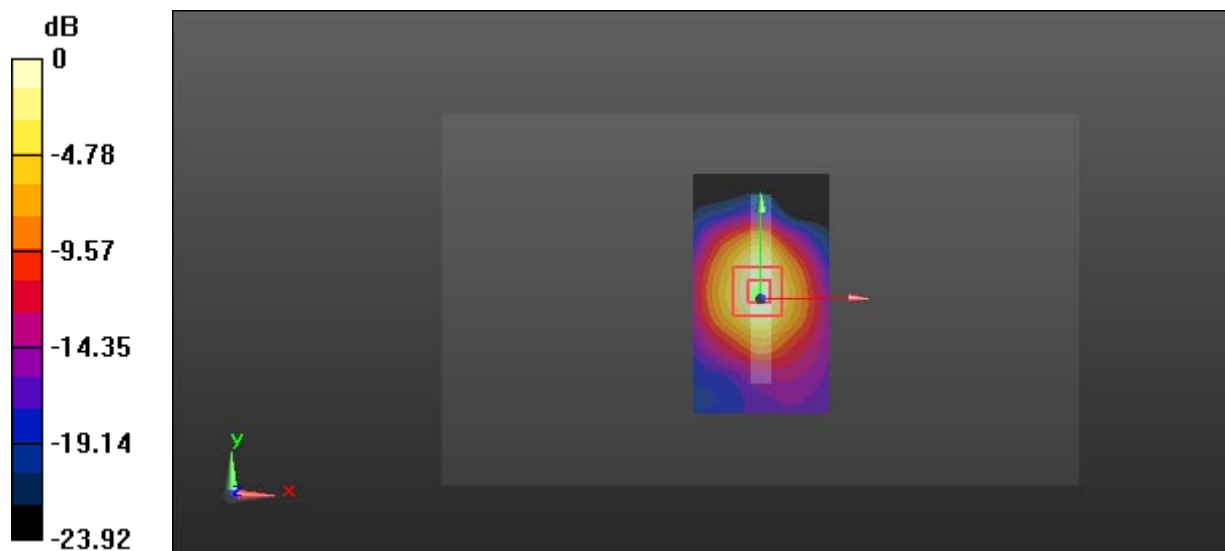Maximum value of SAR (interpolated) = 1.30 W/kg

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

Reference Value = 24.14 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.429 W/kg

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

0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Plot 90#: LTE Band 7_Body Bottom_50%RB Low Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2510 MHz; σ = 2.061 S/m; ε_r = 51.823; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

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

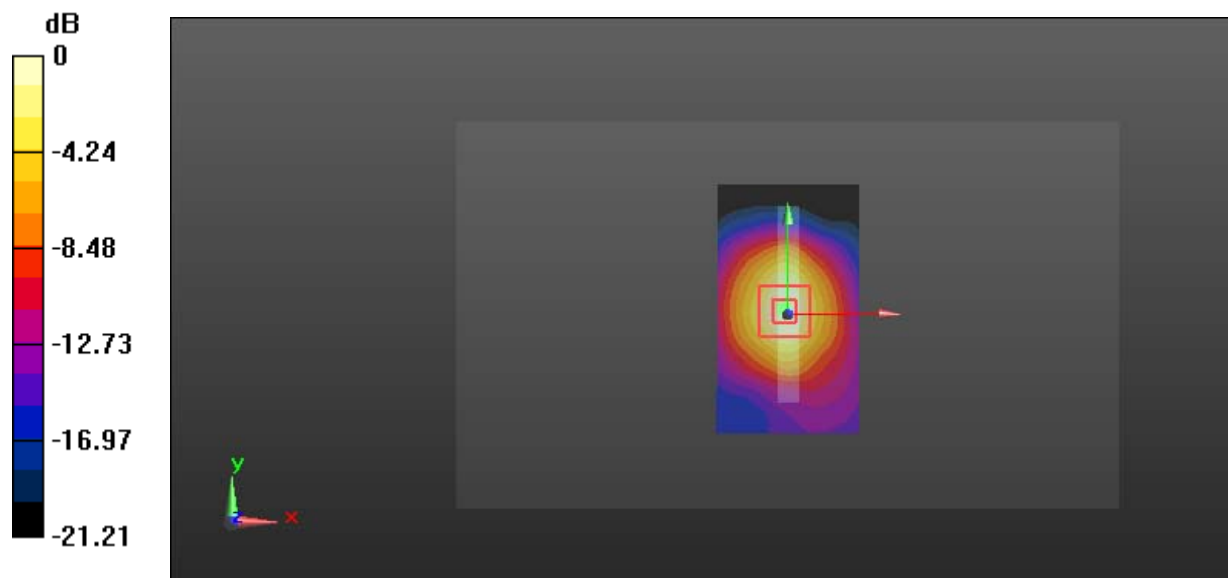Maximum value of SAR (interpolated) = 1.18 W/kg

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

Reference Value = 25.49 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (measured) = 1.12 W/kg

0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Plot 91#: LTE Band 7_Body Bottom_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2535 MHz; σ = 2.111 S/m; ε_r = 51.67; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
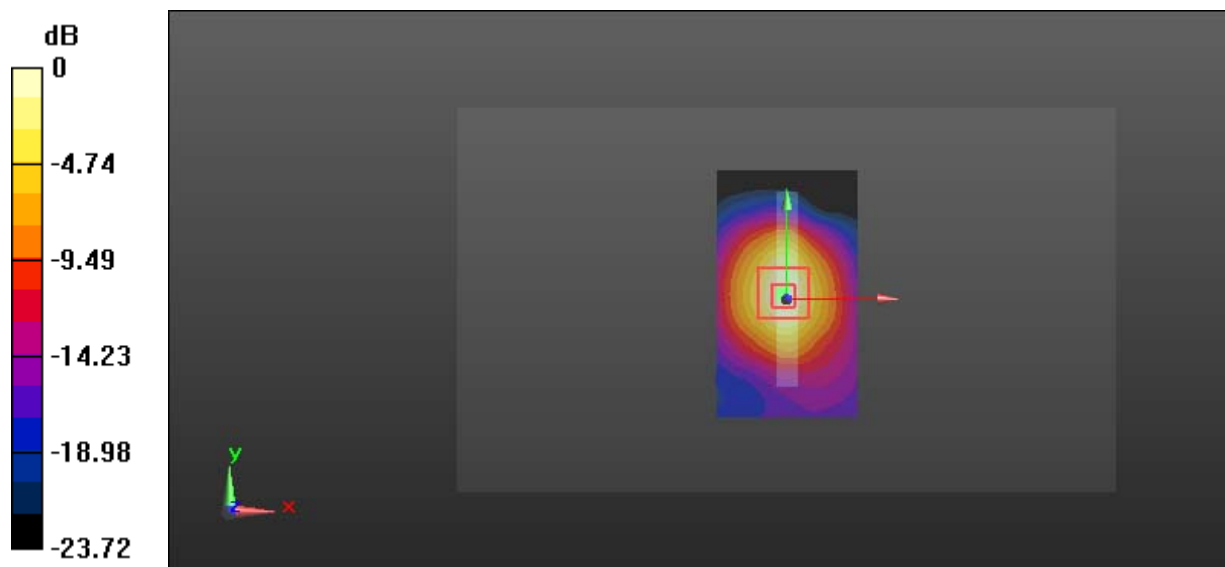
Maximum value of SAR (interpolated) = 1.45 W/kg

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

Reference Value = 23.46 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.488 W/kg

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

0 dB = 1.28 W/kg = 1.07 dBW/kg

Test Plot 92#: LTE Band 7_Body Bottom_50%RB High Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

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

Medium parameters used: 2560 MHz; σ = 2.138 S/m; ε_r = 51.475; ρ = 1000 kg/m^3

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.47, 7.47, 7.47); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
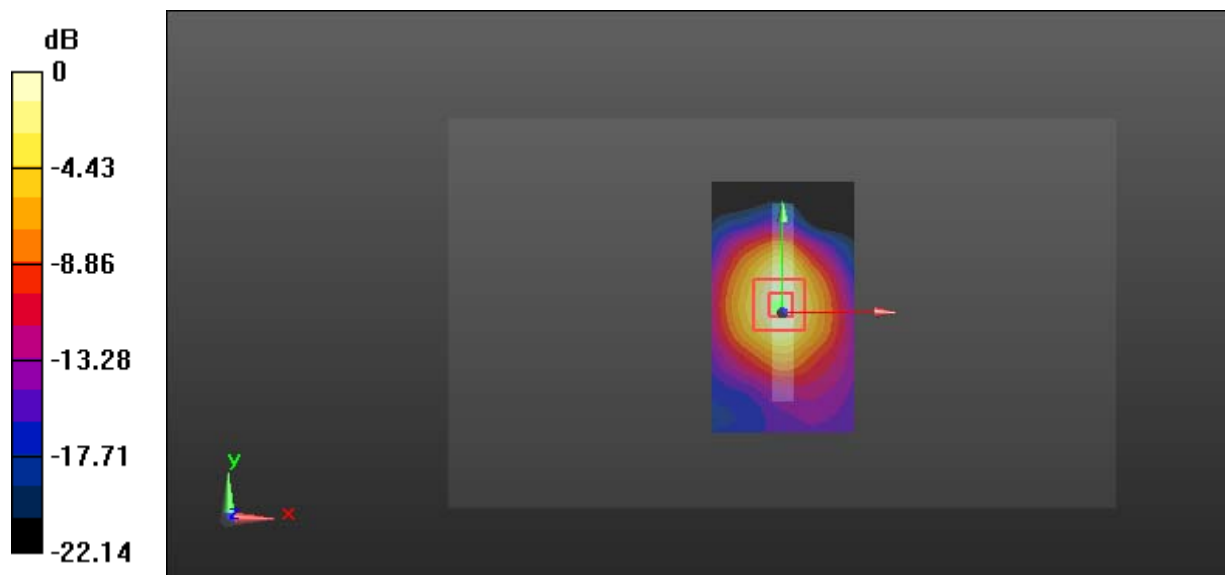
Maximum value of SAR (interpolated) = 1.01 W/kg

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

Reference Value = 21.14 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 0.995 W/kg

0 dB = 0.995 W/kg = -0.02 dBW/kg

Test Plot 93#: LTE Band 12_Head Flat_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: 707.5 MHz; $\sigma = 0.911$ S/m; $\varepsilon_r = 41.362$; $\rho = 1000$ kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

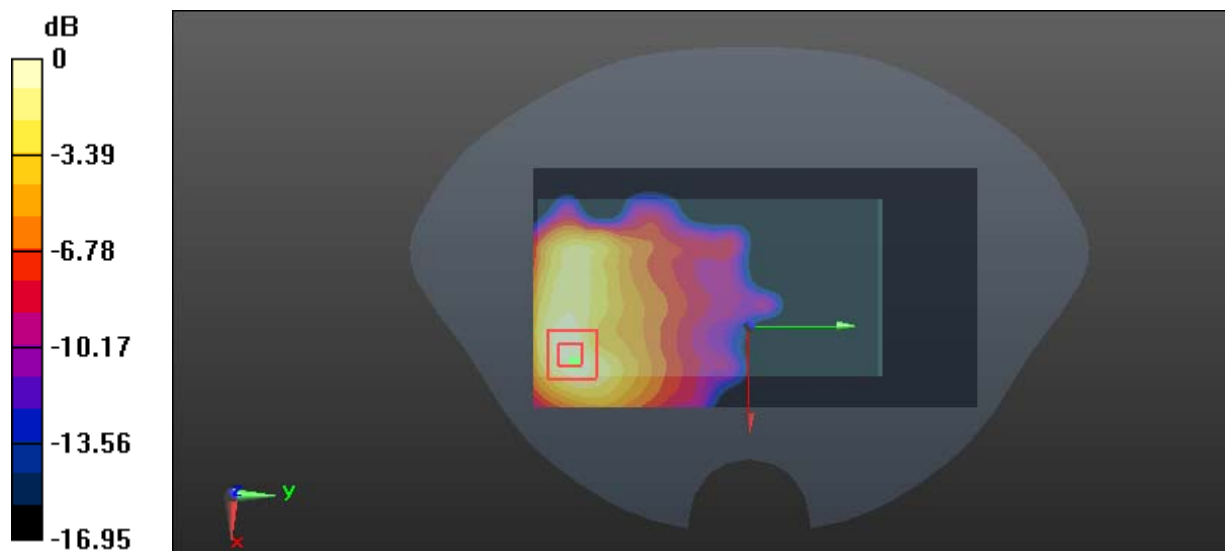Maximum value of SAR (interpolated) = 0.0949 W/kg

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

Reference Value = 3.021 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.101 W/kg

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

Test Plot 94#: LTE Band 12_Head Flat _50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: 707.5 MHz; σ = 0.911 S/m; ε_r = 41.362; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

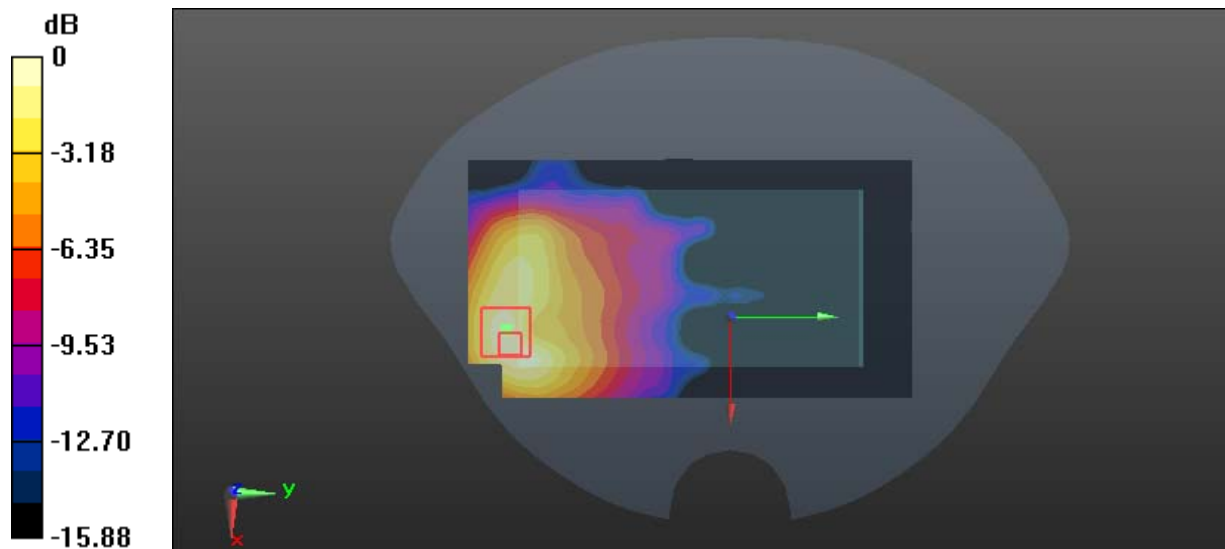Maximum value of SAR (interpolated) = 0.0877 W/kg

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

Reference Value = 2.190 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0942 W/kg

0 dB = 0.0942 W/kg = -10.26 dBW/kg

Test Plot 95#: LTE Band 12_Body Back _1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 707.5 MHz; σ = 0.951 S/m; ε_r = 55.31; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

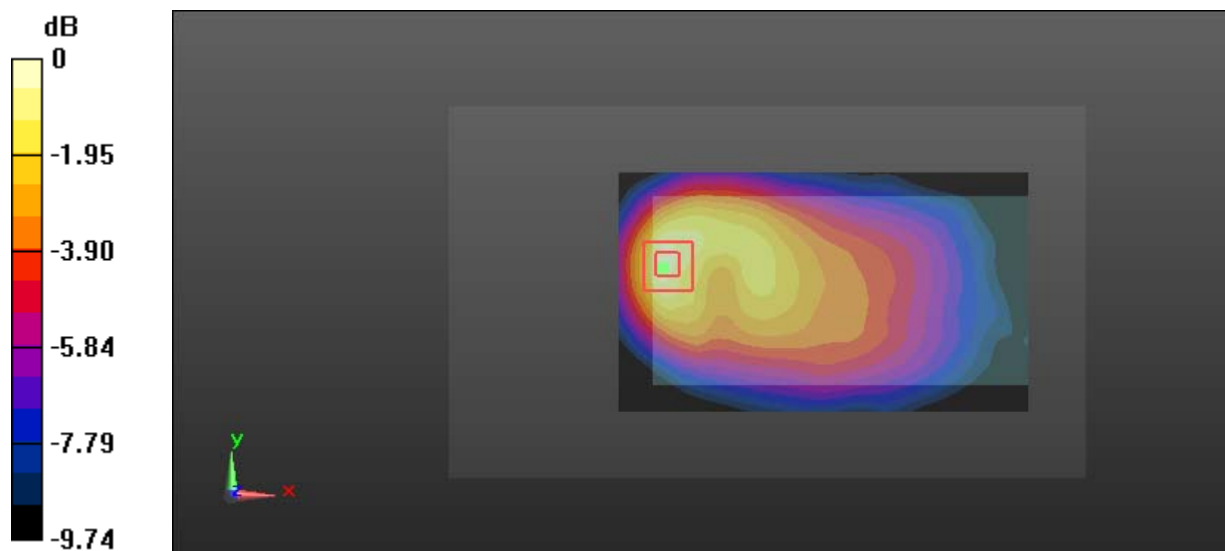Maximum value of SAR (interpolated) = 0.428 W/kg

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

Reference Value = 15.67 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.41 W/kg; SAR(10 g) = 0.24 W/kg

Maximum value of SAR (measured) = 0.439 W/kg

0 dB = 0.439 W/kg = -3.58 dBW/kg

Test Plot 96#: LTE Band 12_Body Back _50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 707.5 MHz; σ = 0.951 S/m; ε_r = 55.31; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

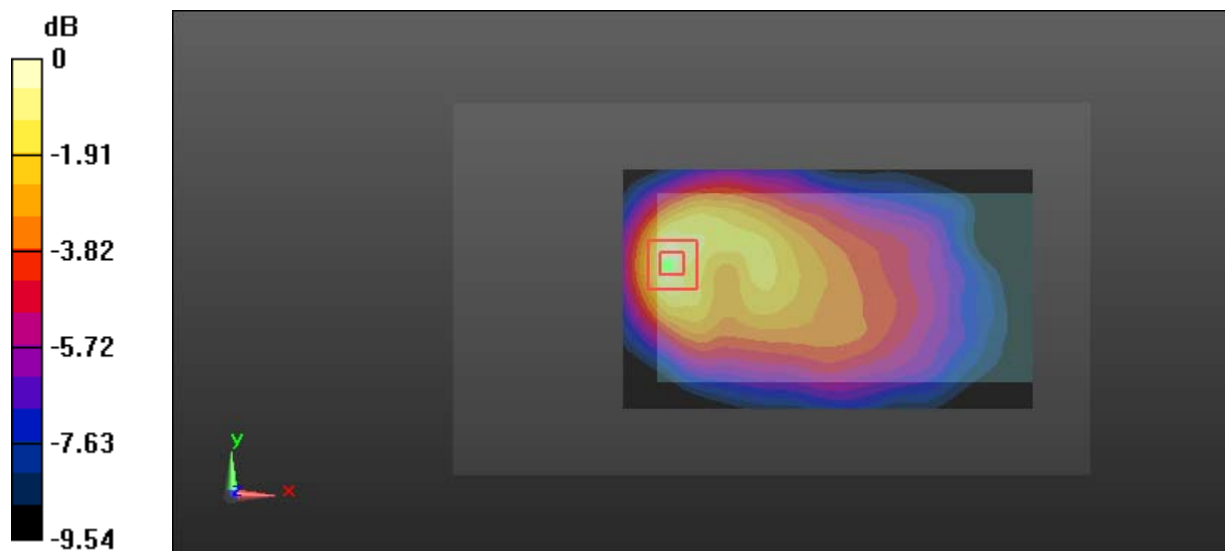Maximum value of SAR (interpolated) = 0.324 W/kg

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

Reference Value = 14.76 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.19 W/kg

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

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

Test Plot 97#: LTE Band 12_Body Left_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: 707.5 MHz; σ = 0.958 S/m; ε_r = 54.125; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
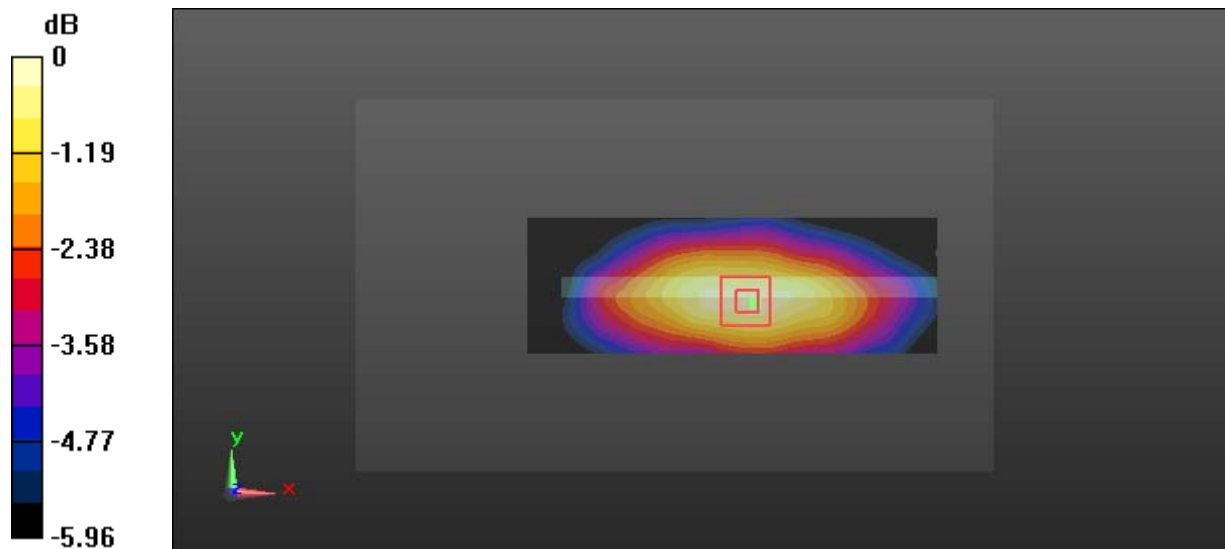
Maximum value of SAR (interpolated) = 0.149 W/kg

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

Reference Value = 6.374 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.13 W/kg; SAR(10 g) = 0.0932 W/kg

Maximum value of SAR (measured) = 0.135 W/kg

0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Plot 98#: LTE Band 12_Body Left_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: 707.5 MHz; σ = 0.958 S/m; ε_r = 54.125; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

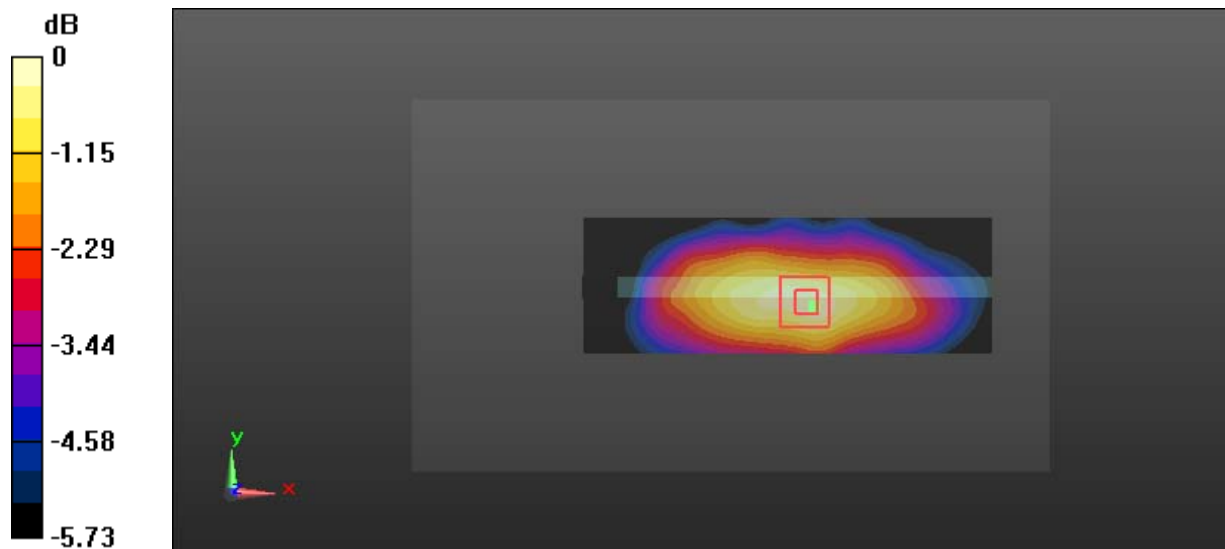Maximum value of SAR (interpolated) = 0.105 W/kg

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

Reference Value = 5.556 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.0998 W/kg; SAR(10 g) = 0.0756 W/kg

Maximum value of SAR (measured) = 0.108 W/kg

0 dB = 0.108 W/kg = -9.67 dBW/kg

Test Plot 99#: LTE Band 12_Body Right_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used: 707.5 MHz; $\sigma = 0.958$ S/m; $\varepsilon_r = 54.125$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
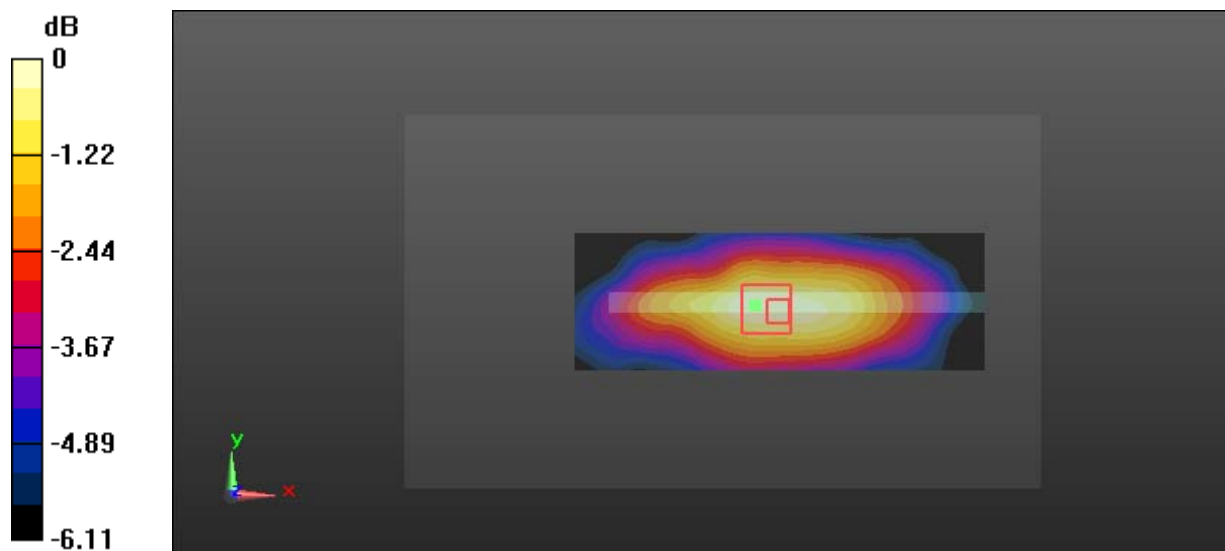
Maximum value of SAR (interpolated) = 0.110 W/kg

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

Reference Value = 7.269 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.0762 W/kg

Maximum value of SAR (measured) = 0.109 W/kg

0 dB = 0.109 W/kg = -9.63 dBW/kg

Test Plot 100#: LTE Band 12_Body Right_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: 707.5 MHz; σ = 0.958 S/m; ε_r = 54.125; ρ = 1000 kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

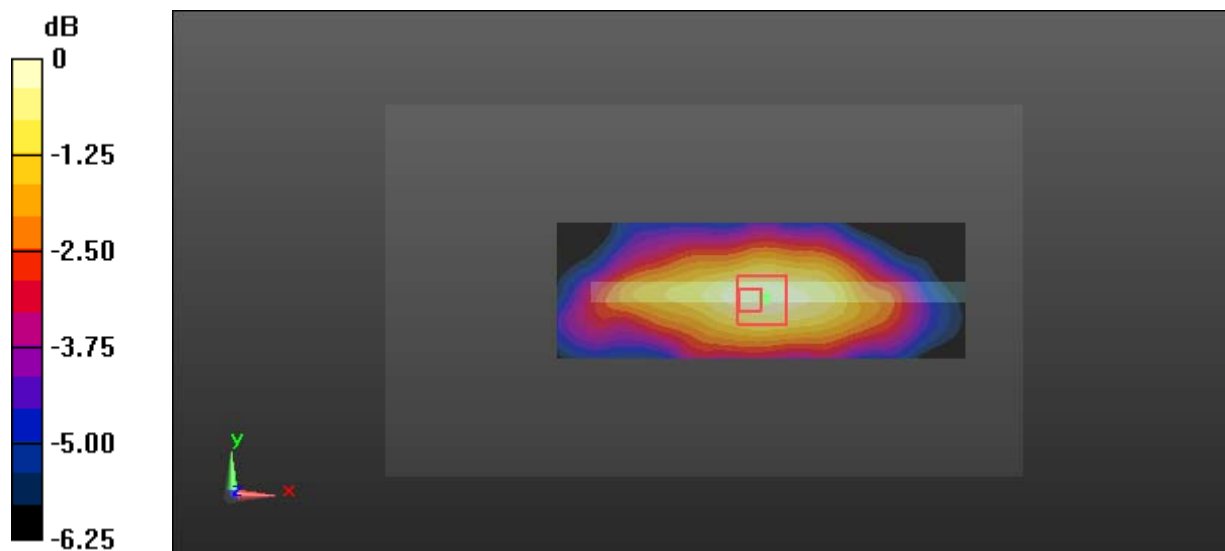Maximum value of SAR (interpolated) = 0.0831 W/kg

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

Reference Value = 6.829 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.0809 W/kg; SAR(10 g) = 0.0623 W/kg

Maximum value of SAR (measured) = 0.0859 W/kg

0 dB = 0.0859 W/kg = -10.66 dBW/kg

Test Plot 101#: LTE Band 12_Body Bottom_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; σ = 0.958 S/m; ε_r = 53.931; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
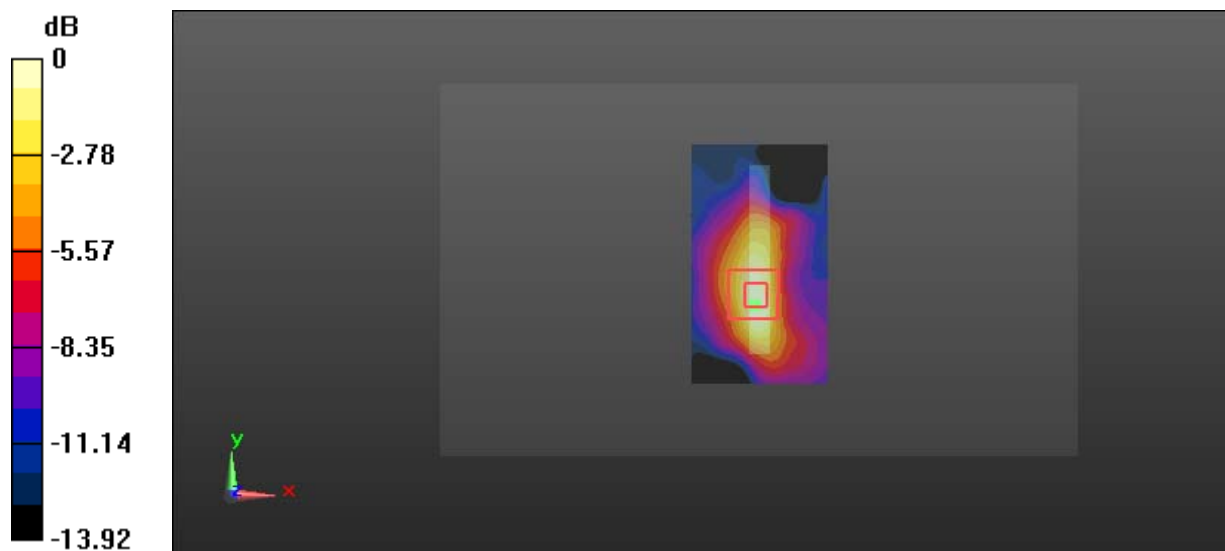
Maximum value of SAR (interpolated) = 0.172 W/kg

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

Reference Value = 8.755 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.15 W/kg; SAR(10 g) = 0.0828 W/kg

Maximum value of SAR (measured) = 0.174 W/kg

0 dB = 0.174 W/kg = -7.59 dBW/kg

Test Plot 102#: LTE Band 12_Body Bottom_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; $\sigma = 0.958$ S/m; $\varepsilon_r = 53.931$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
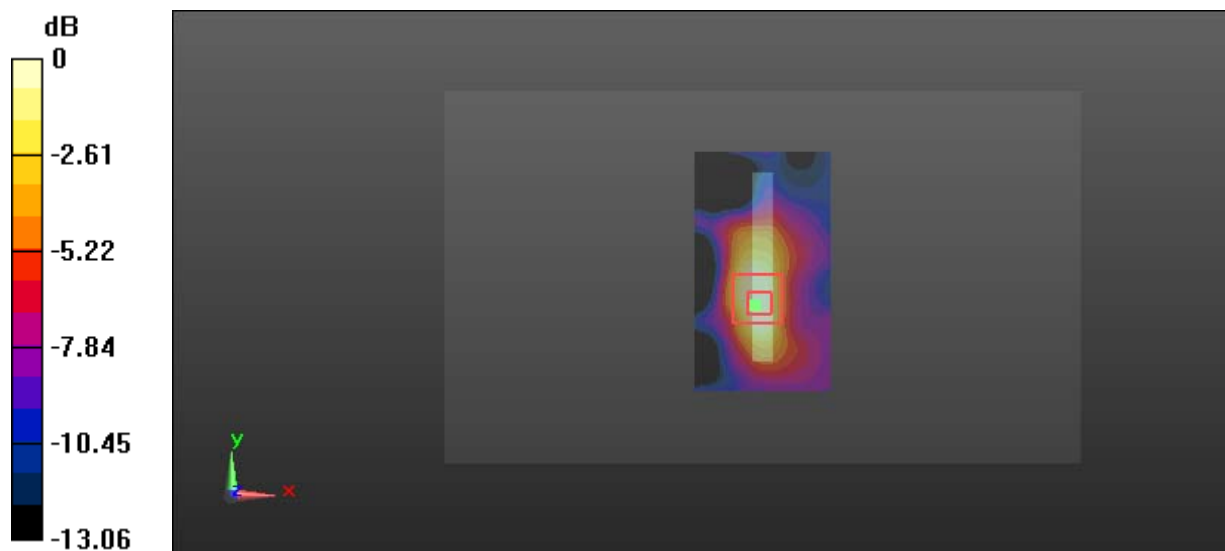
Maximum value of SAR (interpolated) = 0.133 W/kg

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

Reference Value = 8.222 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.11 W/kg; SAR(10 g) = 0.0609 W/kg

Maximum value of SAR (measured) = 0.123 W/kg

0 dB = 0.123 W/kg = -9.10 dBW/kg

Test Plot 103#: LTE Band 17_Head Flat_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; $\sigma = 0.912$ S/m; $\varepsilon_r = 41.328$; $\rho = 1000$ kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

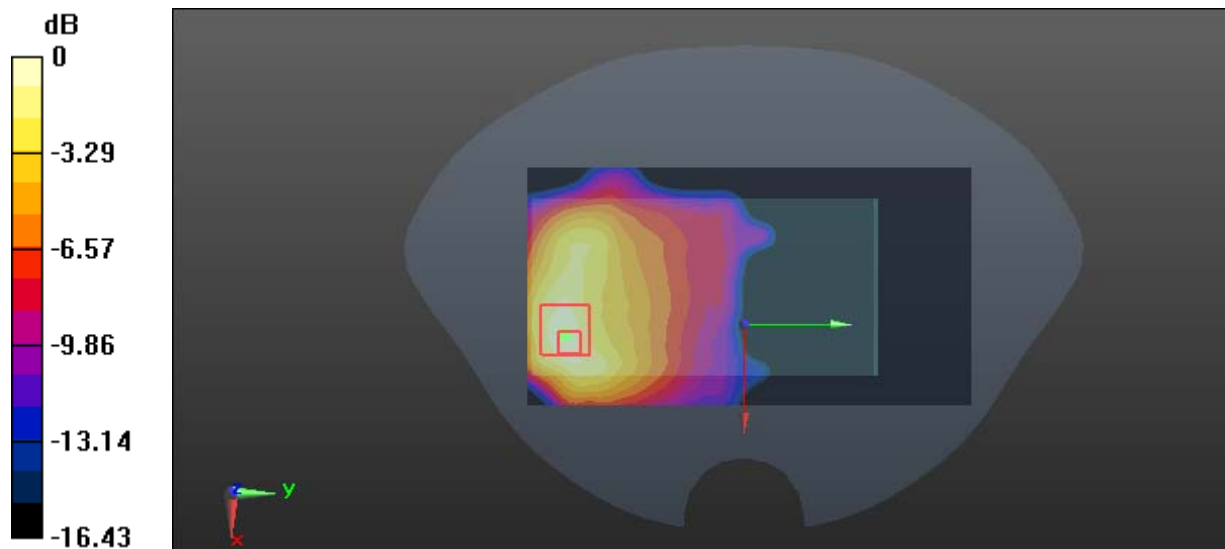Maximum value of SAR (interpolated) = 0.0823 W/kg

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

Reference Value = 2.430 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0836 W/kg

0 dB = 0.0836 W/kg = -10.78 dBW/kg

Test Plot 104#: LTE Band 17_ Head Flat _50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; σ = 0.912 S/m; ε_r = 41.328; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.38, 10.38, 10.38); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1412
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

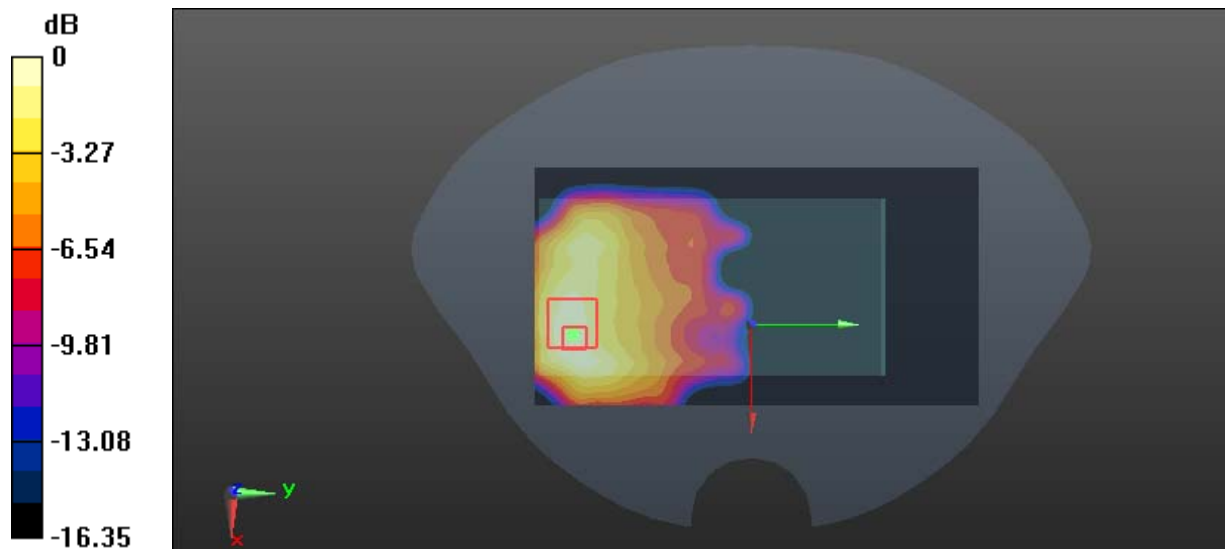Maximum value of SAR (interpolated) = 0.0702 W/kg

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

Reference Value = 2.552 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0683 W/kg

0 dB = 0.0683 W/kg = -11.66 dBW/kg

Test Plot 105#: LTE Band 17_ Body Back _1RB Middle Channel

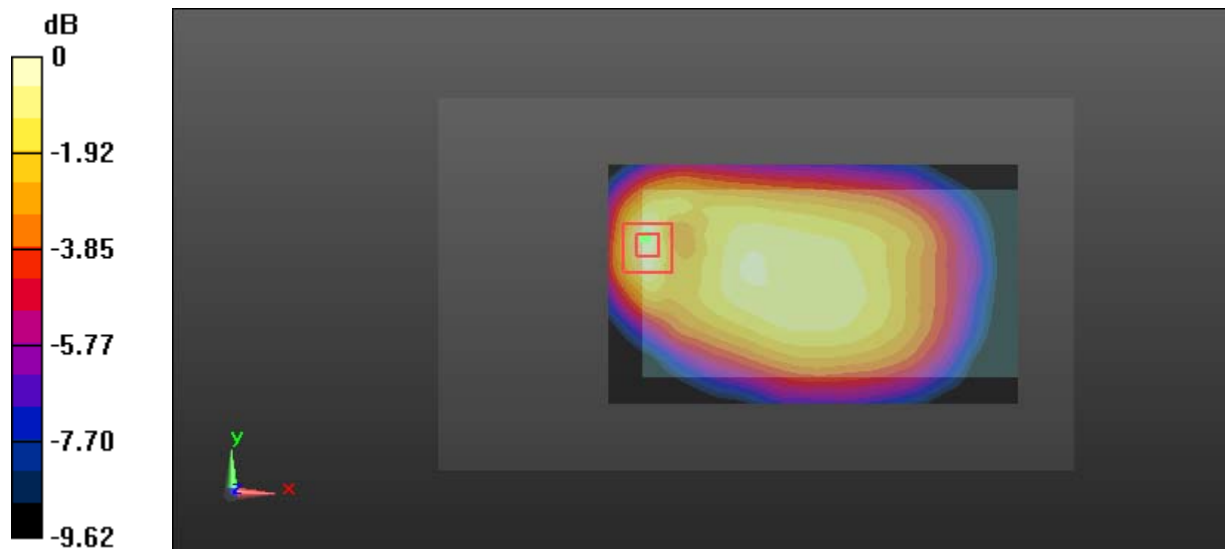**DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: f = 710 MHz; σ = 0.96 S/m; $ε_r$ = 55.324; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.318 W/kg

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

Reference Value = 9.463 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.30 W/kg; SAR(10 g) = 0.17 W/kg

Maximum value of SAR (measured) = 0.324 W/kg

0 dB = 0.324 W/kg = -4.89 dBW/kg

Test Plot 106#: LTE Band 17_ Body Back _50%RB Middle Channel

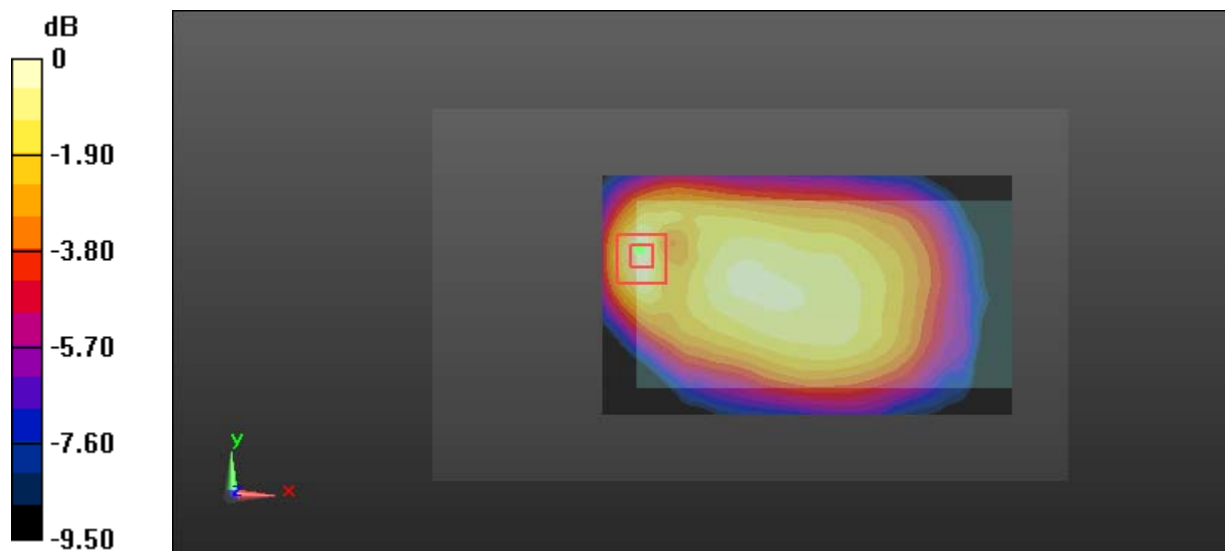**DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: f = 710 MHz; σ = 0.96 S/m; ε_r = 55.324; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.266 W/kg

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

Reference Value = 8.929 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.14 W/kg

Maximum value of SAR (measured) = 0.265 W/kg

0 dB = 0.265 W/kg = -5.77 dBW/kg

Test Plot 107#: LTE Band 17_Body Left_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; $\sigma = 0.958$ S/m; $\varepsilon_r = 53.931$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
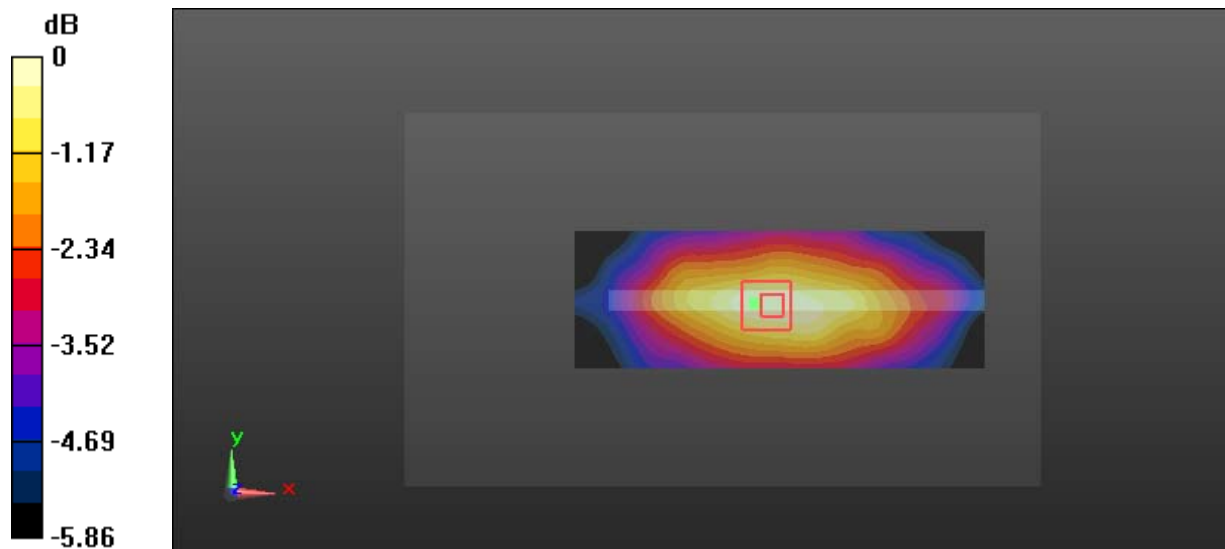
Maximum value of SAR (interpolated) = 0.0851 W/kg

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

Reference Value = 4.836 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.0818 W/kg; SAR(10 g) = 0.0622 W/kg

Maximum value of SAR (measured) = 0.0858 W/kg

0 dB = 0.0858 W/kg = -10.67 dBW/kg

Test Plot 108#: LTE Band 17_Body Left_50%RB Middle Channel

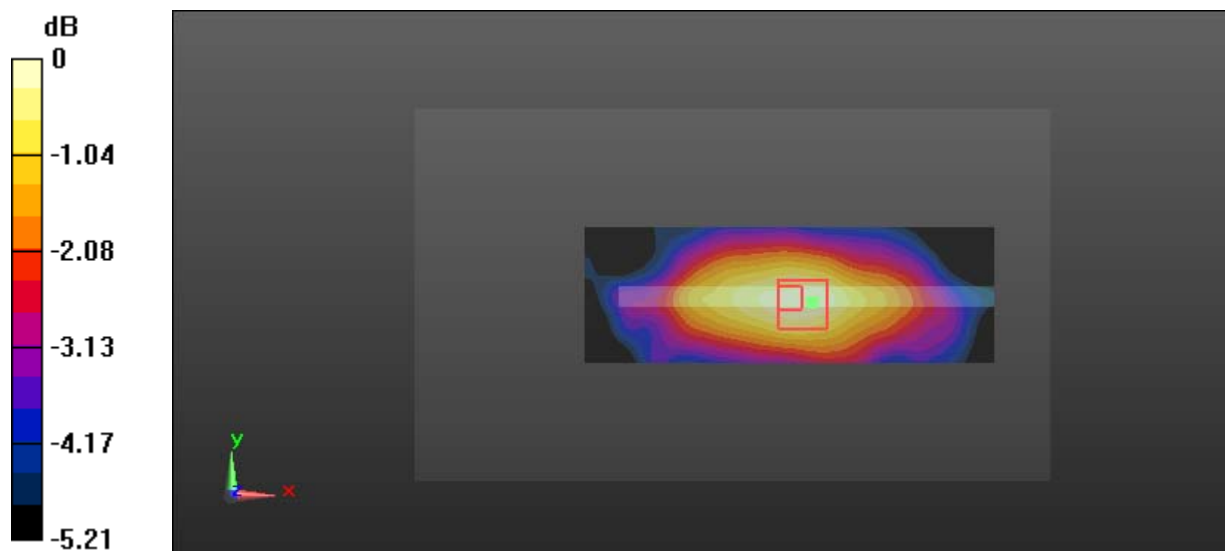**DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: f = 710 MHz; σ = 0.96 S/m; ε_r = 55.324; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0733 W/kg

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

Reference Value = 4.644 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.0701 W/kg; SAR(10 g) = 0.0533 W/kg

Maximum value of SAR (measured) = 0.0744 W/kg

0 dB = 0.0744 W/kg = -11.28 dBW/kg

Test Plot 109#: LTE Band 17_Body Right_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; σ = 0.958 S/m; ε_r = 53.931; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
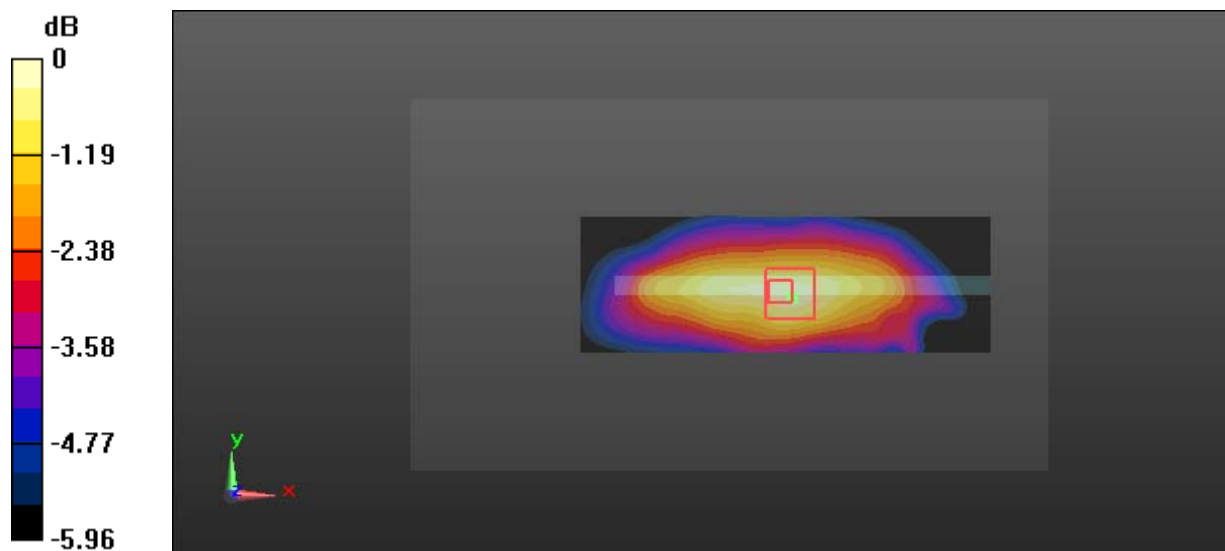
Maximum value of SAR (interpolated) = 0.0805 W/kg

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

Reference Value = 4.840 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.0793 W/kg; SAR(10 g) = 0.0606 W/kg

Maximum value of SAR (measured) = 0.0849 W/kg

0 dB = 0.0849 W/kg = -10.71 dBW/kg

Test Plot 110#: LTE Band 17_Body Right_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: f = 710 MHz; σ = 0.96 S/m; ε_r = 55.324; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (121x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

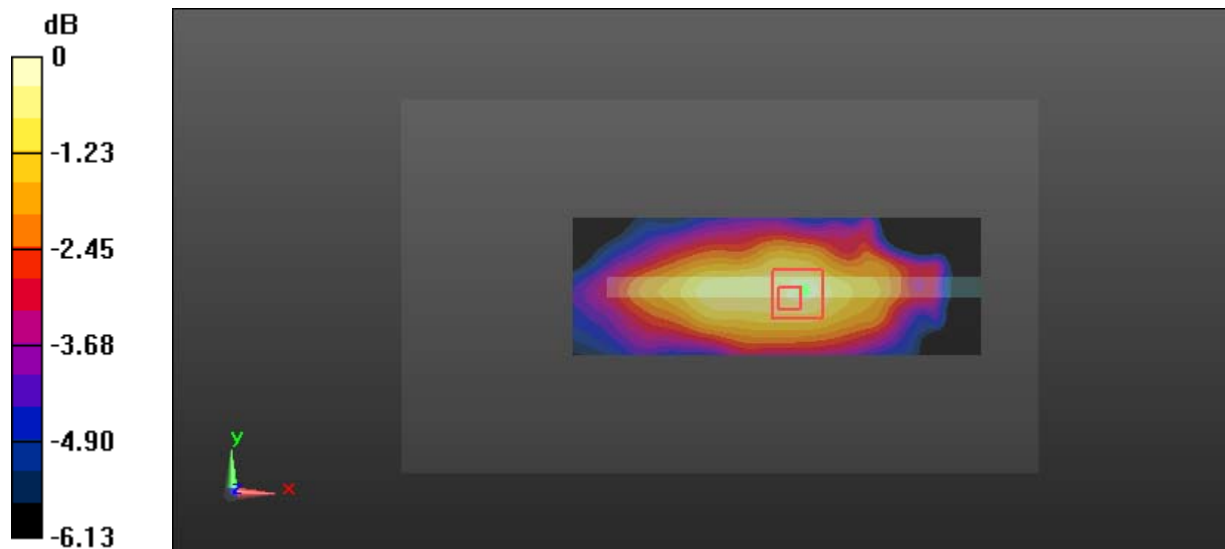Maximum value of SAR (interpolated) = 0.0647 W/kg

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

Reference Value = 4.526 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0962 W/kg

SAR(1 g) = 0.0623 W/kg; SAR(10 g) = 0.0486 W/kg

Maximum value of SAR (measured) = 0.0684 W/kg

0 dB = 0.0684 W/kg = -11.65 dBW/kg

Test Plot 111#: LTE Band 17_Body Bottom_1RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; σ = 0.958 S/m; ε_r = 53.931; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
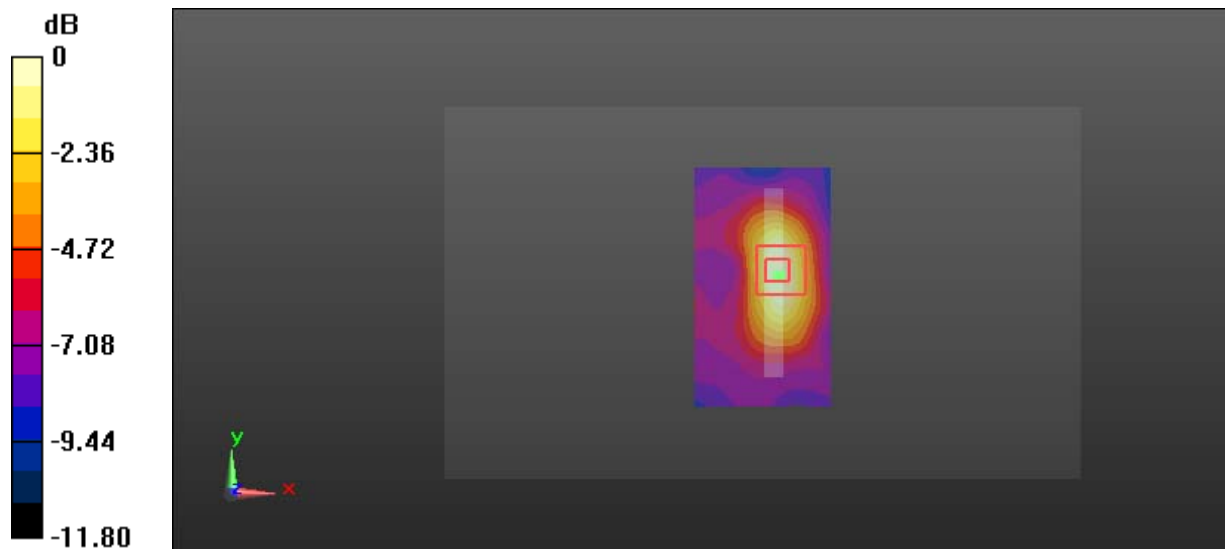
Maximum value of SAR (interpolated) = 0.136 W/kg

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

Reference Value = 8.923 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.0605 W/kg

Maximum value of SAR (measured) = 0.123 W/kg

0 dB = 0.123 W/kg = -9.10 dBW/kg

Test Plot 112#: LTE Band 17_Body Bottom_50%RB Middle Channel

DUT: Mobile phone; Type: STUDIO XL 2; Serial: 16082600321

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: 710 MHz; σ = 0.958 S/m; ε_r = 53.931; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.15, 10.15, 10.15); Calibrated: 2016/10/4;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn379; Calibrated: 2016/10/4
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
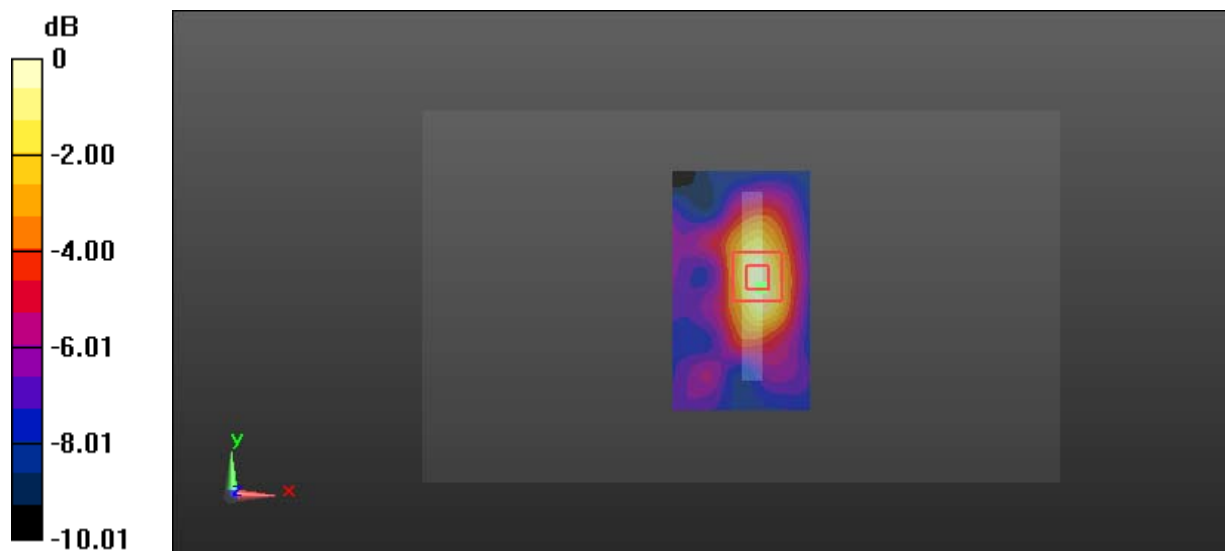
Maximum value of SAR (interpolated) = 0.103 W/kg

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

Reference Value = 6.495 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.0959 W/kg; SAR(10 g) = 0.0569 W/kg

Maximum value of SAR (measured) = 0.104 W/kg

0 dB = 0.104 W/kg = -9.83 dBW/kg