Test Plot 1#: GSM 850_Handheld Back_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz;Duty Cycle: 1:4 Medium parameters used: f = 836.6 MHz; σ = 0.958 S/m; ϵ_r = 56.943; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

• Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.988 W/kg

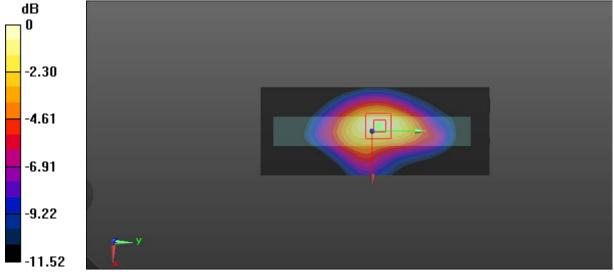
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.39 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.439 W/kg

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



0 dB = 1.01 W/kg = 0.04 dBW/kg

SAR Plots Plot 1#

Test Plot 2#: GSM 850_Handheld Front_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz;Duty Cycle: 1:4 Medium parameters used: f = 836.6 MHz; σ = 0.958 S/m; ϵ_r = 56.943; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

• Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

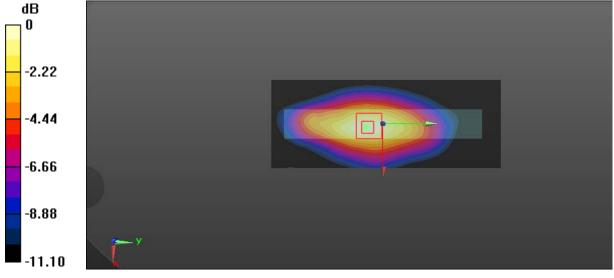
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.32 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.523 W/kg

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



0 dB = 1.15 W/kg = 0.61 dBW/kg

SAR Plots Plot 2#

Test Plot 3#: GSM 850_Handheld Right_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz;Duty Cycle: 1:4 Medium parameters used: f = 836.6 MHz; σ = 0.958 S/m; ϵ_r = 56.943; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 0.232 W/kg

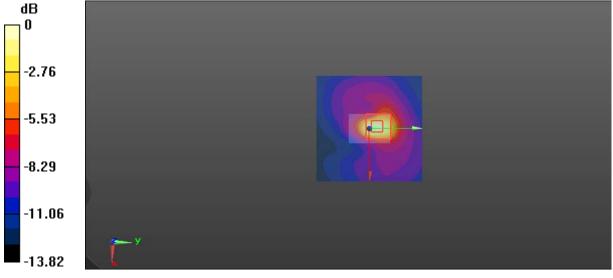
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.56 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.054 W/kg

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



0 dB = 0.220 W/kg = -6.58 dBW/kg

SAR Plots Plot 3#

Test Plot 4#: GSM 850_Handheld Top_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz;Duty Cycle: 1:4 Medium parameters used: f = 836.6 MHz; σ = 0.958 S/m; ϵ_r = 56.943; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.91 W/kg

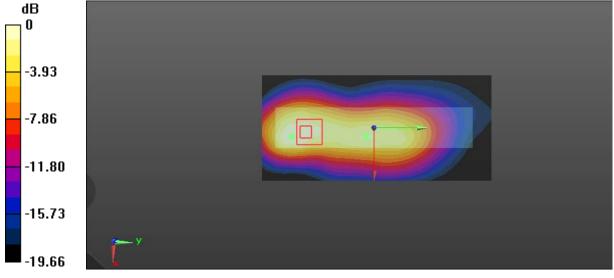
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.15 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.719 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

SAR Plots Plot 4#

Test Plot 5#: GSM 850_Handheld Bottom_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz;Duty Cycle: 1:4 Medium parameters used: f = 836.6 MHz; σ = 0.958 S/m; ϵ_r = 56.943; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.449 W/kg

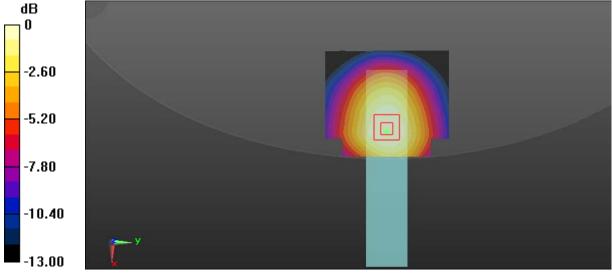
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.000 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.439 W/kg = -3.58 dBW/kg

SAR Plots Plot 5#

Test Plot 6#: PCS 1900_Handheld Back_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-3 slots; Frequency: 1880 MHz;Duty Cycle: 1:2.66 Medium parameters used: f = 1880 MHz; σ = 1.488 S/m; ϵ_r = 54.204; ρ = 1000 kg/m³

Phantom section: Flat Section

DASY5 Configuration:

• Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.550 W/kg

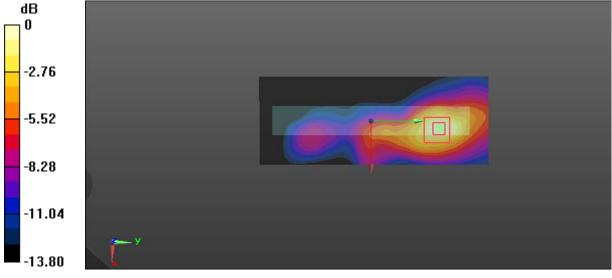
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.198 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.566 W/kg = -2.47 dBW/kg

SAR Plots Plot 6#

Test Plot 7#: PCS 1900_Handheld Front_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-3 slots; Frequency: 1880 MHz;Duty Cycle: 1:2.66 Medium parameters used: f=1880 MHz; $\sigma=1.488$ S/m; $\epsilon_r=54.204$; $\rho=1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.614 W/kg

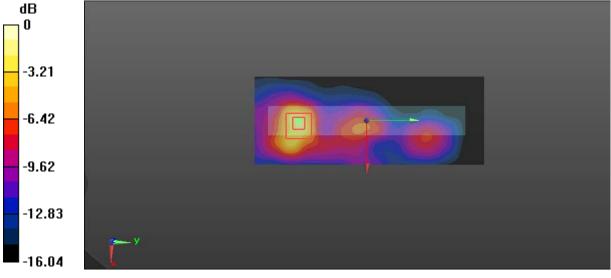
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.588 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.234 W/kg

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



0 dB = 0.912 W/kg = -0.40 dBW/kg

SAR Plots Plot 7#

Test Plot 8#: PCS 1900_Handheld Right_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-3 slots; Frequency: 1880 MHz; Duty Cycle: 1:2.66 Medium parameters used: f = 1880 MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 54.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

• Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.795 W/kg

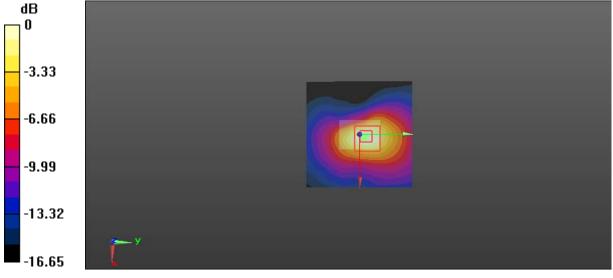
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.86 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (measured) = 0.718 W/kg



0 dB = 0.718 W/kg = -1.44 dBW/kg

SAR Plots Plot 8#

Test Plot 9#: PCS 1900_Handheld Top_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-3 slots; Frequency: 1880 MHz;Duty Cycle: 1:2.66 Medium parameters used: f=1880 MHz; $\sigma=1.488$ S/m; $\epsilon_r=54.204$; $\rho=1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.725 W/kg

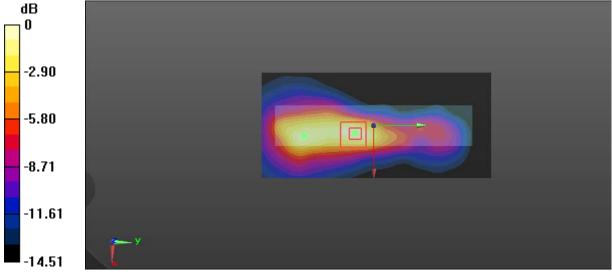
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.73 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.785 W/kg



0 dB = 0.785 W/kg = -1.05 dBW/kg

SAR Plots Plot 9#

Test Plot 10#: PCS 1900_Handheld Bottom_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

Communication System: Generic GPRS-3 slots; Frequency: 1880 MHz; Duty Cycle: 1:2.66 Medium parameters used: f = 1880 MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 54.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 0.427 W/kg

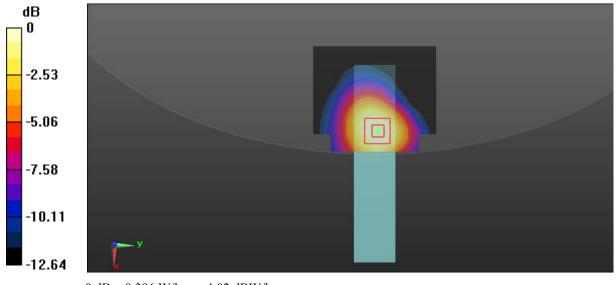
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.868 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

SAR Plots Plot 10#

Test Plot 11#: WCDMA Band 2_Handheld Back_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 1880 MHz; $\sigma = 1.488$ S/m; $\varepsilon_r = 54.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.655 W/kg

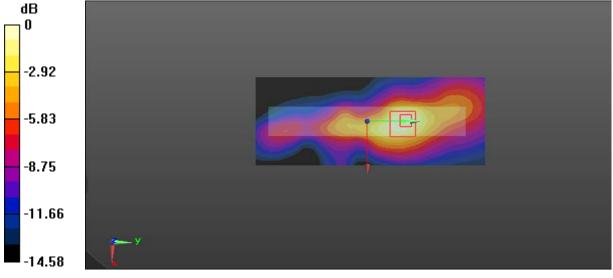
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.01 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg = -2.08 dBW/kg

SAR Plots Plot 11#

Test Plot 12#: WCDMA Band 2_Handheld Front_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 1880 MHz; $\sigma = 1.488 \text{ S/m}$; $\varepsilon_r = 54.204$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.956 W/kg

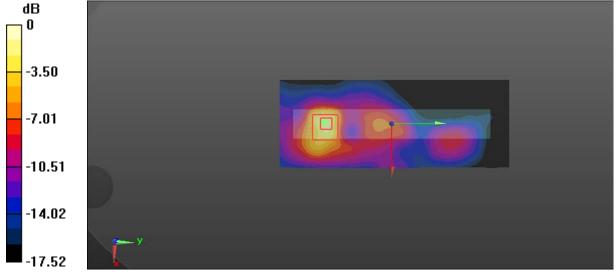
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.23 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

SAR Plots Plot 12#

Test Plot 13#: WCDMA Band 2_Handheld Right_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 1880 MHz; $\sigma = 1.488 \text{ S/m}$; $\varepsilon_r = 54.204$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.903 W/kg

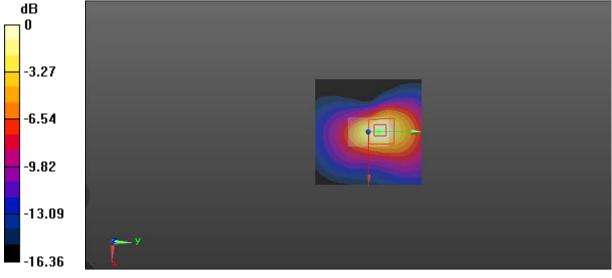
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.18 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.906 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg

SAR Plots Plot 13#

Test Plot 14#: WCDMA Band 2_Handheld Top_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 1880 MHz; $\sigma = 1.488 \text{ S/m}$; $\varepsilon_r = 54.204$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• 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) = 1.35 W/kg

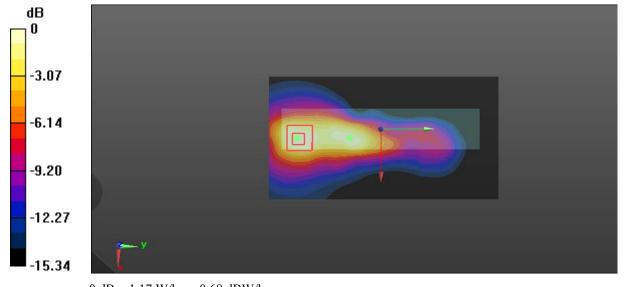
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.95 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.398 W/kg

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

SAR Plots Plot 14#

Test Plot 15#: WCDMA Band 2_Handheld Bottom_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 1880 MHz; $\sigma = 1.488$ S/m; $\varepsilon_r = 54.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(7.79, 7.79, 7.79); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.549 W/kg

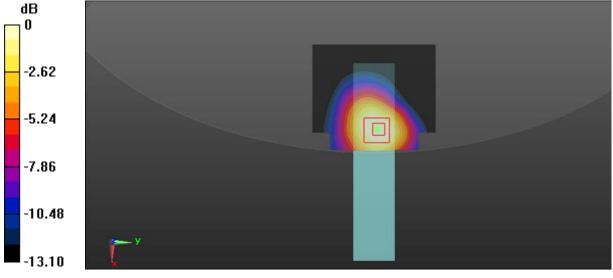
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.792 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.224 W/kg

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



0 dB = 0.516 W/kg = -2.87 dBW/kg

SAR Plots Plot 15#

Test Plot 16#: WCDMA Band 5_Handheld Back_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 836.6 MHz; $\sigma = 0.958$ S/m; $\varepsilon_r = 56.943$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

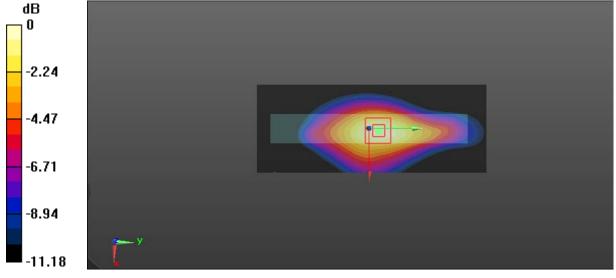
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.15 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.502 W/kg

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



0 dB = 1.13 W/kg = 0.53 dBW/kg

SAR Plots Plot 16#

Test Plot 17#: WCDMA Band 5_Handheld Front_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 836.6 MHz; $\sigma = 0.958 \text{ S/m}$; $\varepsilon_r = 56.943$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

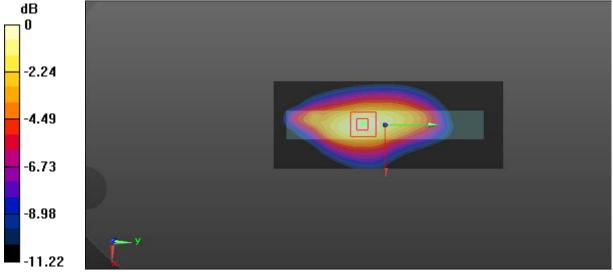
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.58 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.698 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

SAR Plots Plot 17#

Test Plot 18#: WCDMA Band 5_Handheld Right_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 836.6 MHz; $\sigma = 0.958$ S/m; $\varepsilon_r = 56.943$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.242 W/kg

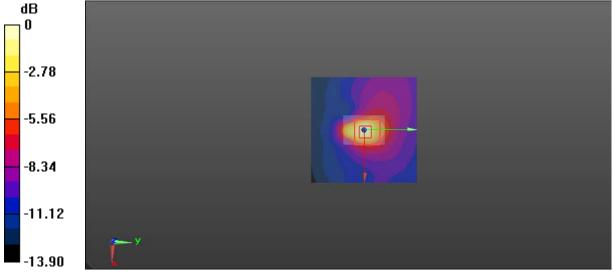
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.17 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg = -6.25 dBW/kg

SAR Plots Plot 18#

Test Plot 19#: WCDMA Band 5_Handheld Top_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 836.6 MHz; $\sigma = 0.958$ S/m; $\varepsilon_r = 56.943$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

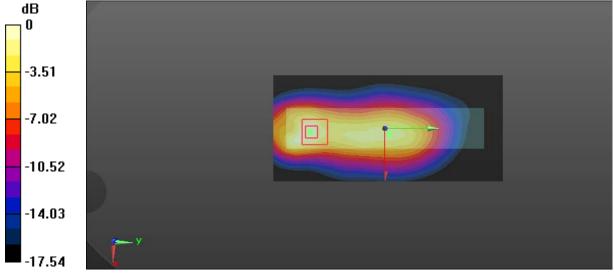
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.57 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

SAR Plots Plot 19#

Test Plot 20#: WCDMA Band 5_Handheld Bottom_Middle

DUT: Robotic Suitcase; Type: CWL16R1L; Serial: 18090705021

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

Medium parameters used: f = 836.6 MHz; $\sigma = 0.958 \text{ S/m}$; $\varepsilon_r = 56.943$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7441; ConvF(9.95, 9.95, 9.95); Calibrated: 2017/11/2;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE3 Sn494; Calibrated: 2017/11/15

• Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051

• Measurement SW: DASY52, Version 52.8 (8);

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.455 W/kg

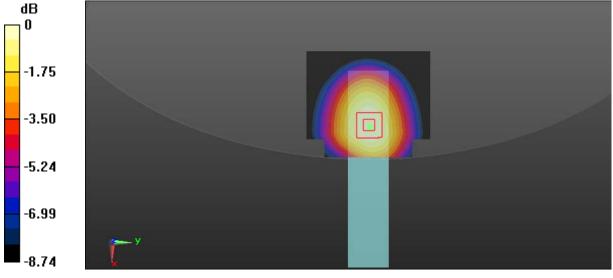
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.357 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

SAR Plots Plot 20#