Test Plot 1#: GSM 850_Body Back_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; ε_r = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (141x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
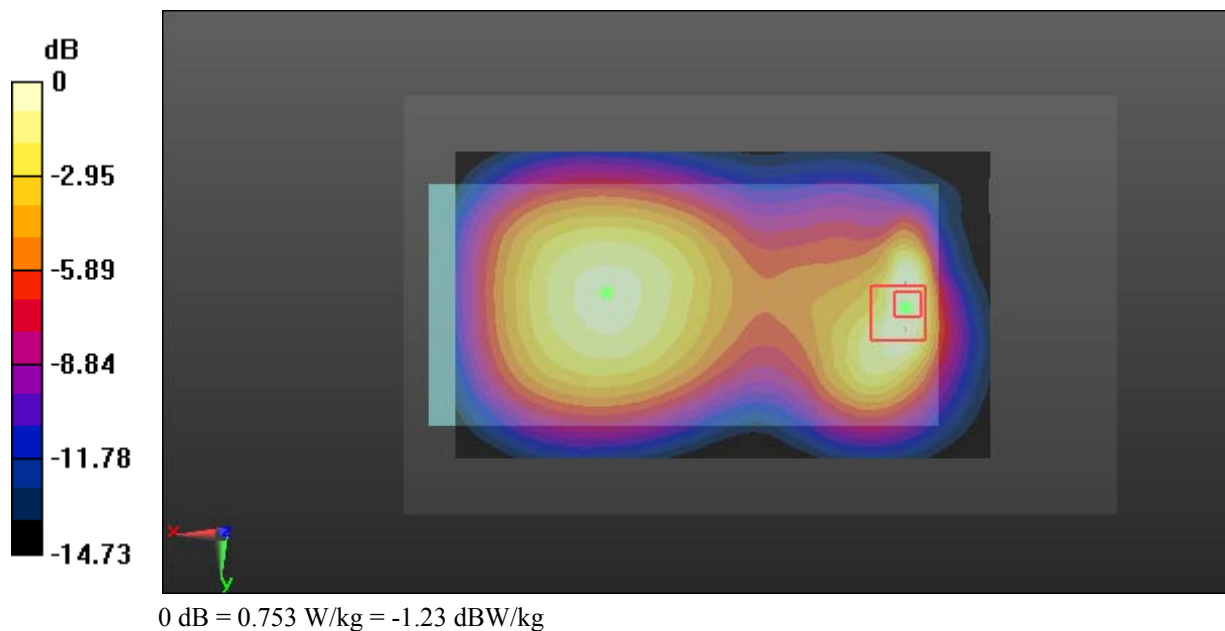Maximum value of SAR (interpolated) = 0.982 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.87 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.976 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.314 W/kg
Maximum value of SAR (measured) = 0.753 W/kg

0 dB = 0.753 W/kg = -1.23 dBW/kg

Test Plot 2#: GSM 850_Body Left_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; ε_r = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (141x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
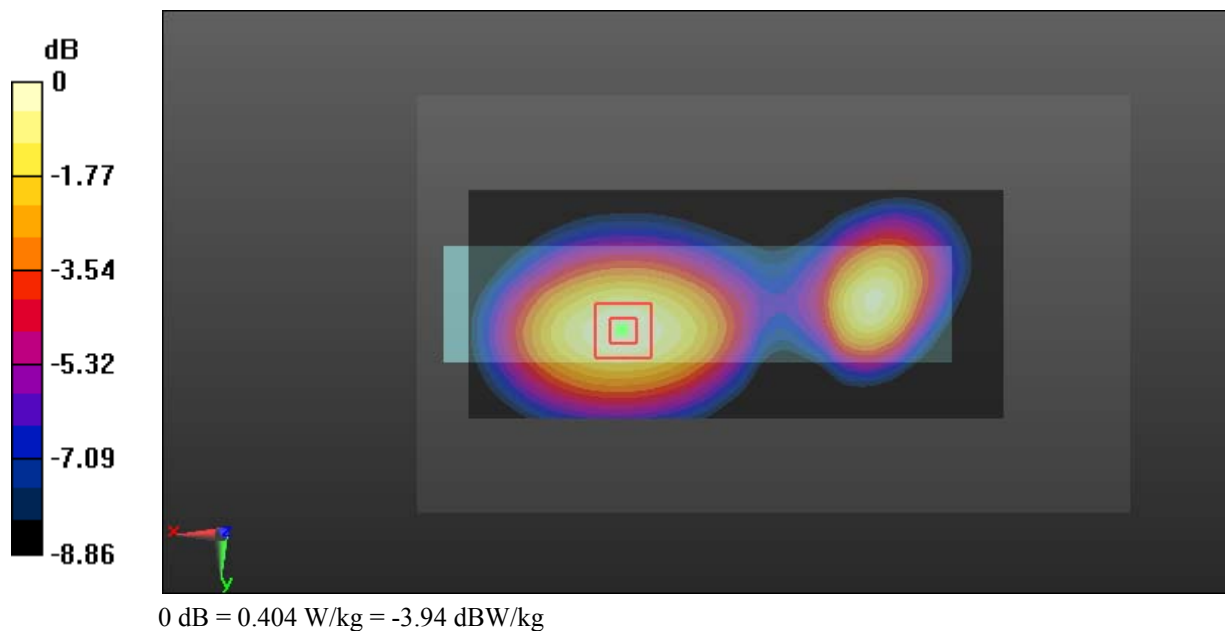Maximum value of SAR (interpolated) = 0.404 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.17 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.448 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.404 W/kg

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

Test Plot 3#: GSM 850_Body Right_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; $ε_r$ = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (141x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
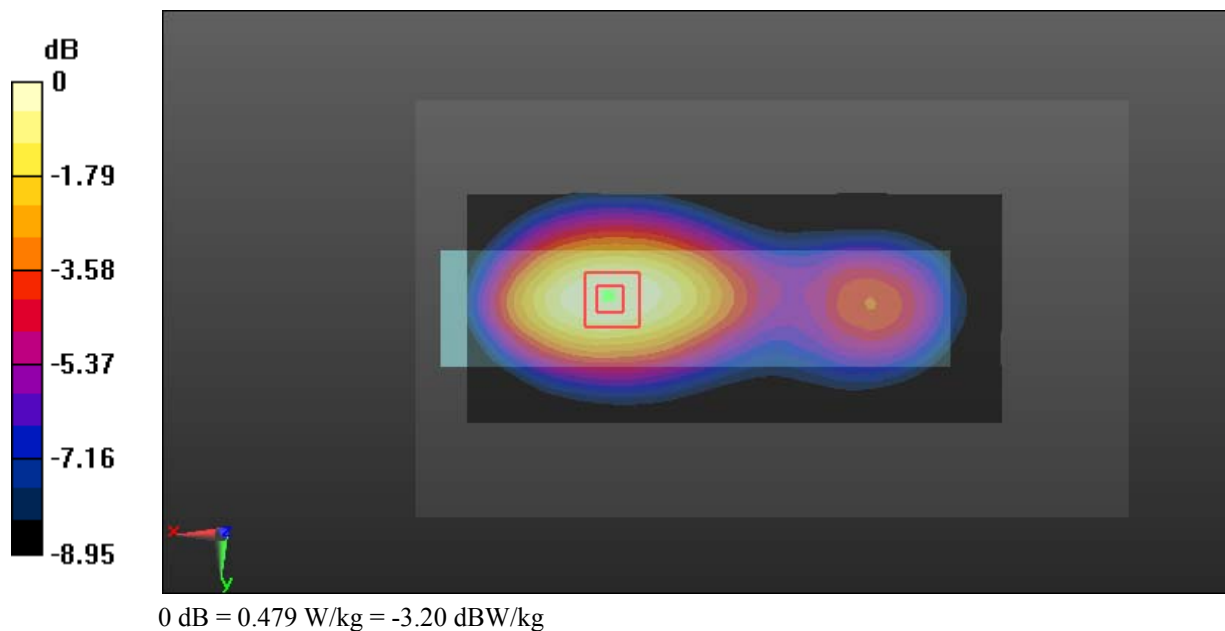Maximum value of SAR (interpolated) = 0.492 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.44 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.479 W/kg

0 dB = 0.479 W/kg = -3.20 dBW/kg

Test Plot 4#: GSM 850_Body Top_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; ε_r = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
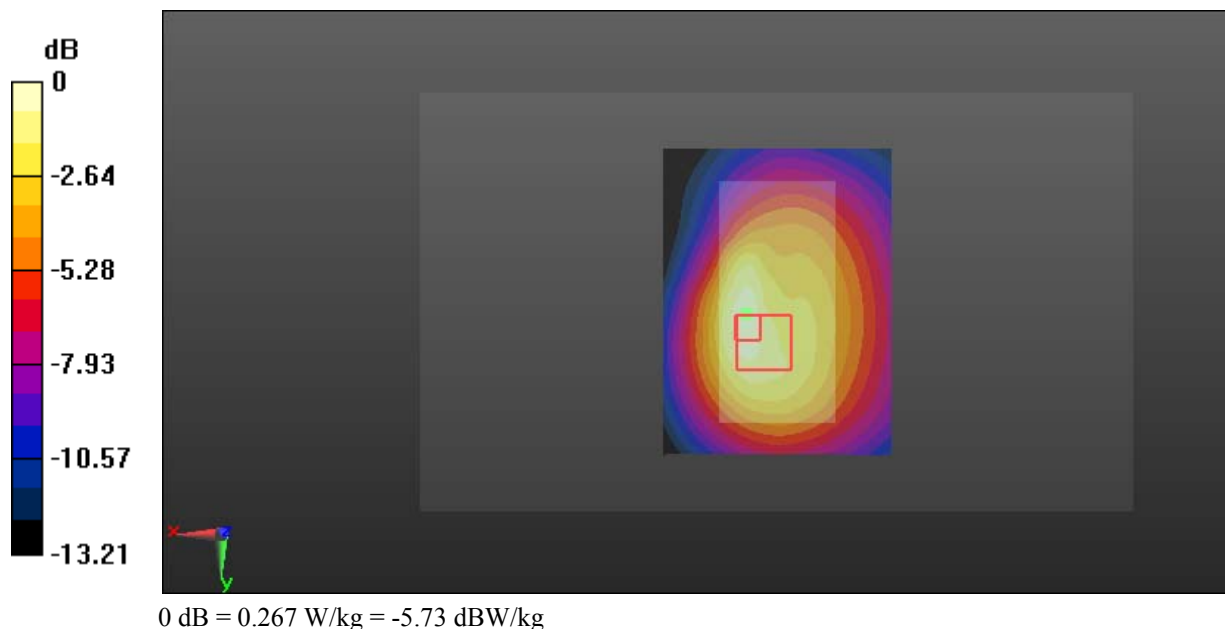Maximum value of SAR (interpolated) = 0.251 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.39 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.267 W/kg

0 dB = 0.267 W/kg = -5.73 dBW/kg

Test Plot 5#: GSM 1900_Body Back_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; ε_r = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
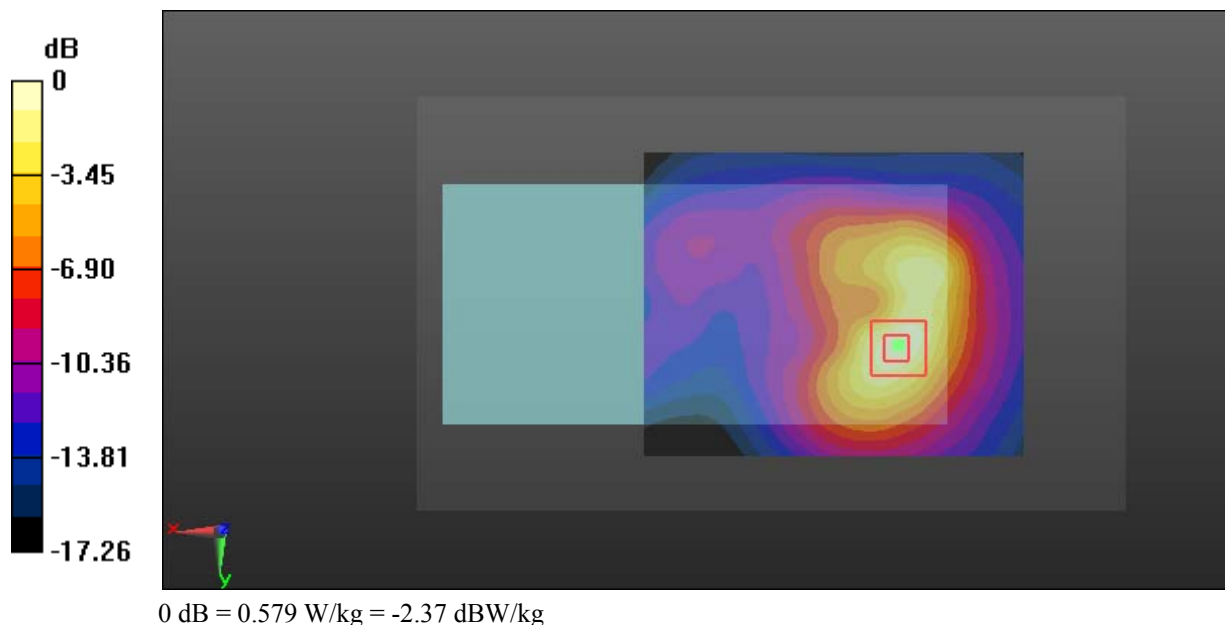Maximum value of SAR (interpolated) = 0.560 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.780 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.579 W/kg

0 dB = 0.579 W/kg = -2.37 dBW/kg

Test Plot 6#: GSM 1900_Body Left_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; ε_r = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
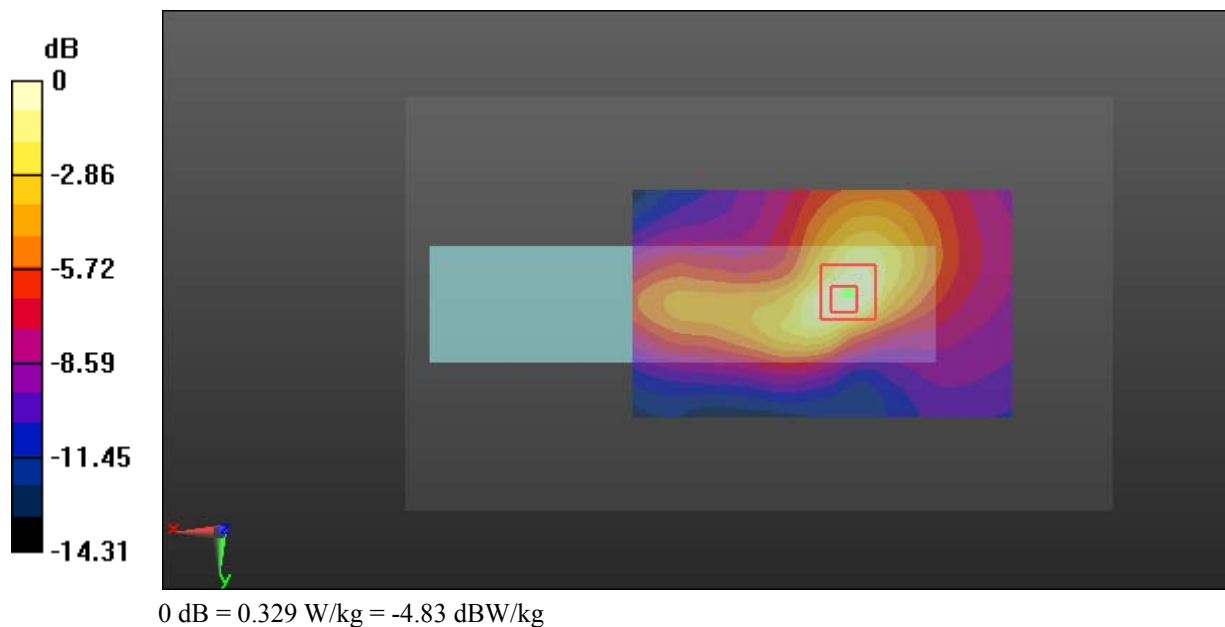Maximum value of SAR (interpolated) = 0.348 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.157 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.329 W/kg

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

Test Plot 7#: GSM 1900_Body Right_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; ε_r = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
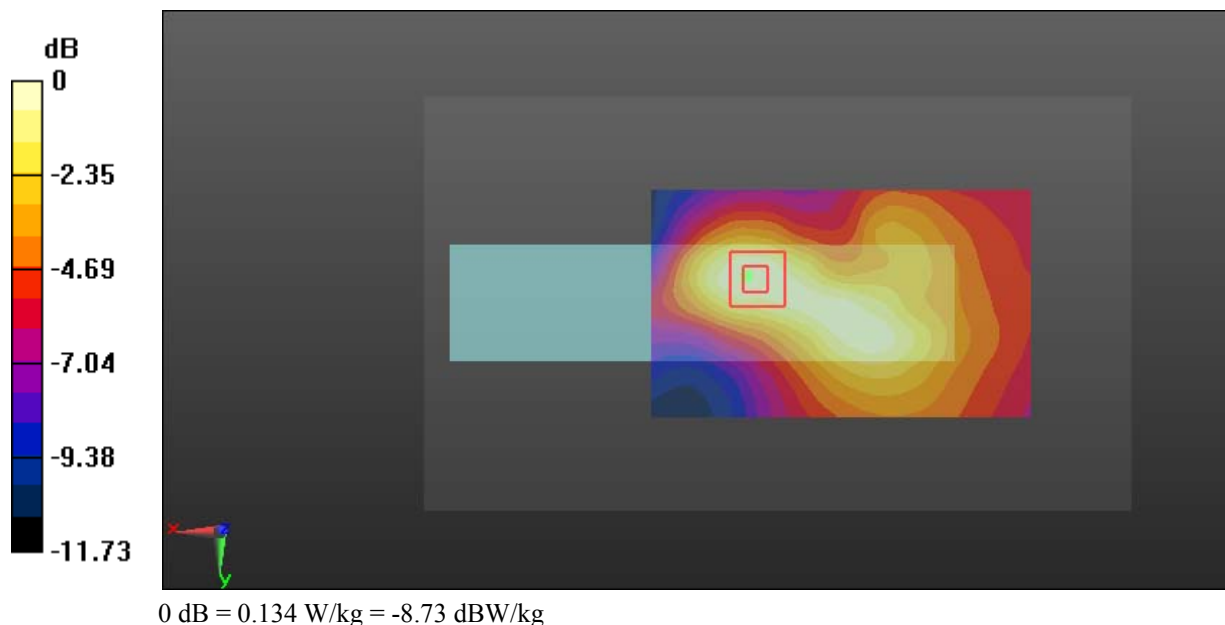Maximum value of SAR (interpolated) = 0.142 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.630 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.134 W/kg

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

Test Plot 8#: GSM 1900_Body Top_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; ε_r = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
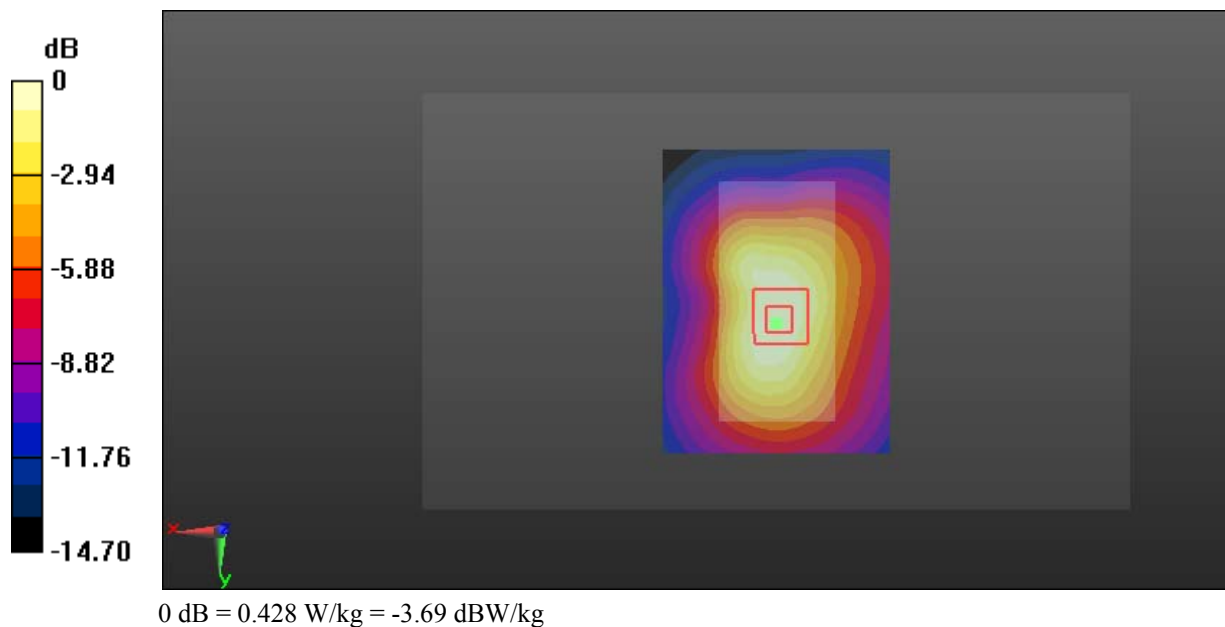Maximum value of SAR (interpolated) = 0.445 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.34 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.428 W/kg

0 dB = 0.428 W/kg = -3.69 dBW/kg

Test Plot 9#: WCDMA Band 2_Body Back_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; ε_r = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
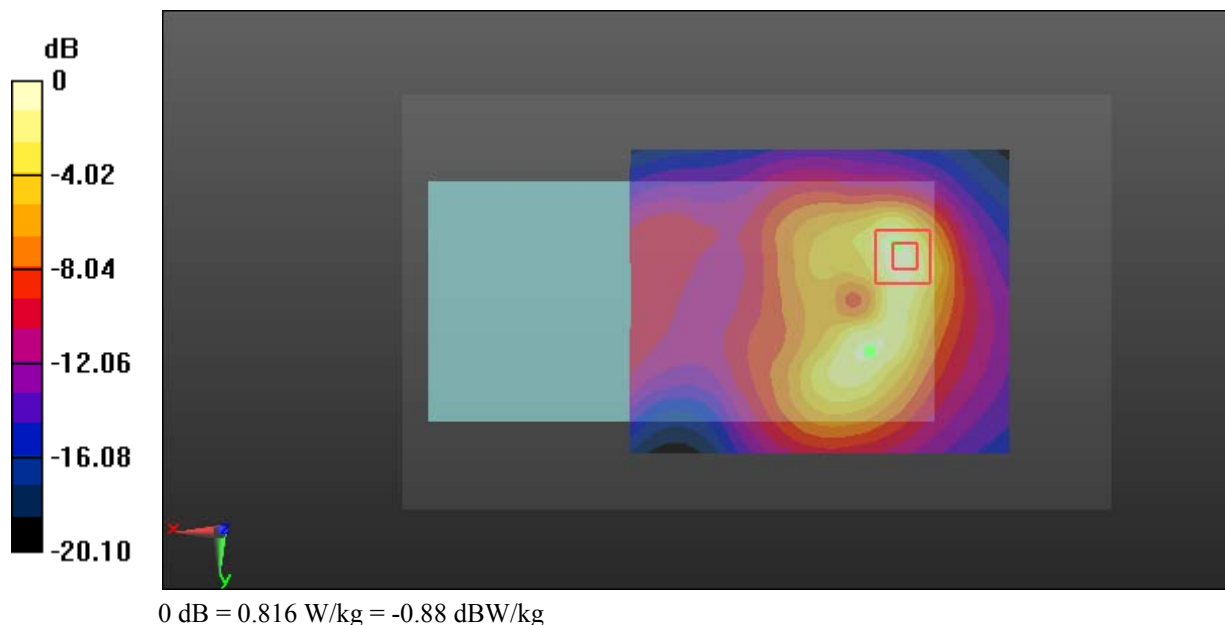Maximum value of SAR (interpolated) = 0.690 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.030 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.240 W/kg
Maximum value of SAR (measured) = 0.816 W/kg

0 dB = 0.816 W/kg = -0.88 dBW/kg

Test Plot 10#: WCDMA Band 2_Body Left_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; ε_r = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
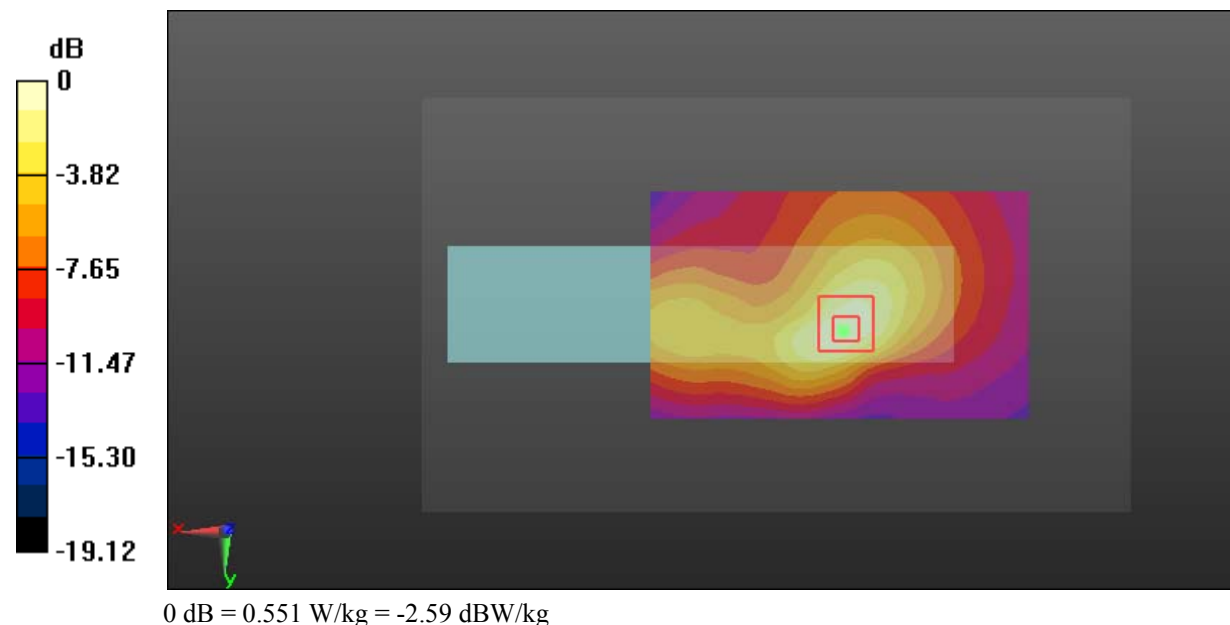Maximum value of SAR (interpolated) = 0.560 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.222 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 0.551 W/kg

0 dB = 0.551 W/kg = -2.59 dBW/kg

Test Plot 11#: WCDMA Band 2_Body Right_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; $ε_r$ = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
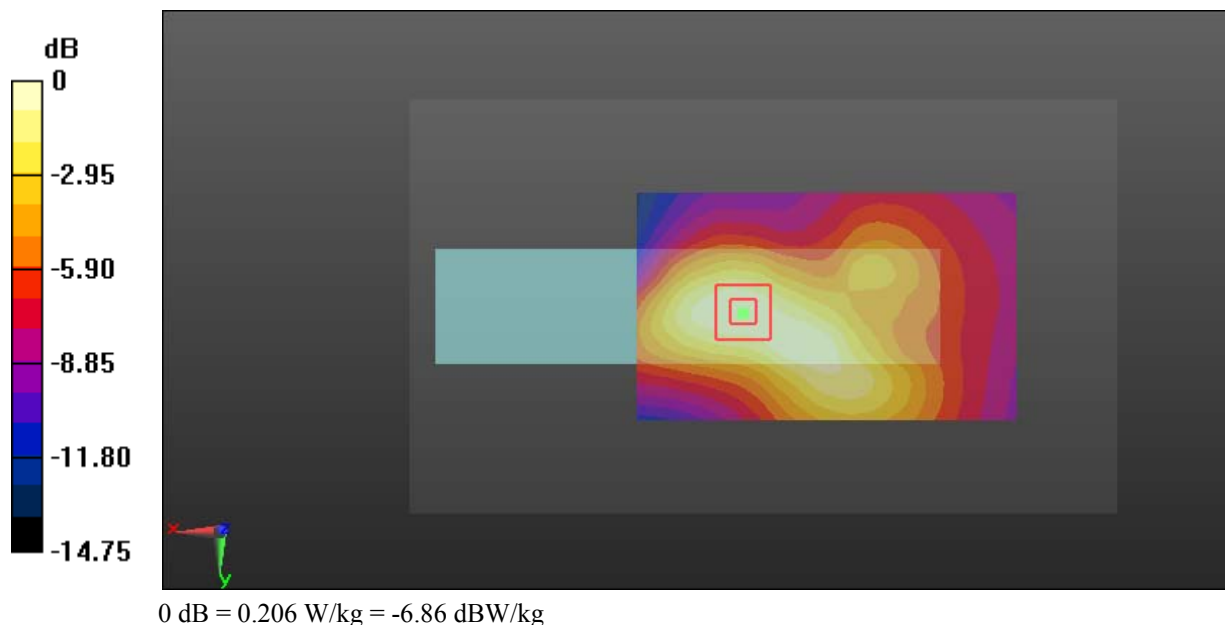Maximum value of SAR (interpolated) = 0.213 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.864 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.206 W/kg

0 dB = 0.206 W/kg = -6.86 dBW/kg

Test Plot 12#: WCDMA Band 2_Body Top_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.493 S/m; ε_r = 54.149; ρ = 1000 kg/m^3 ;
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
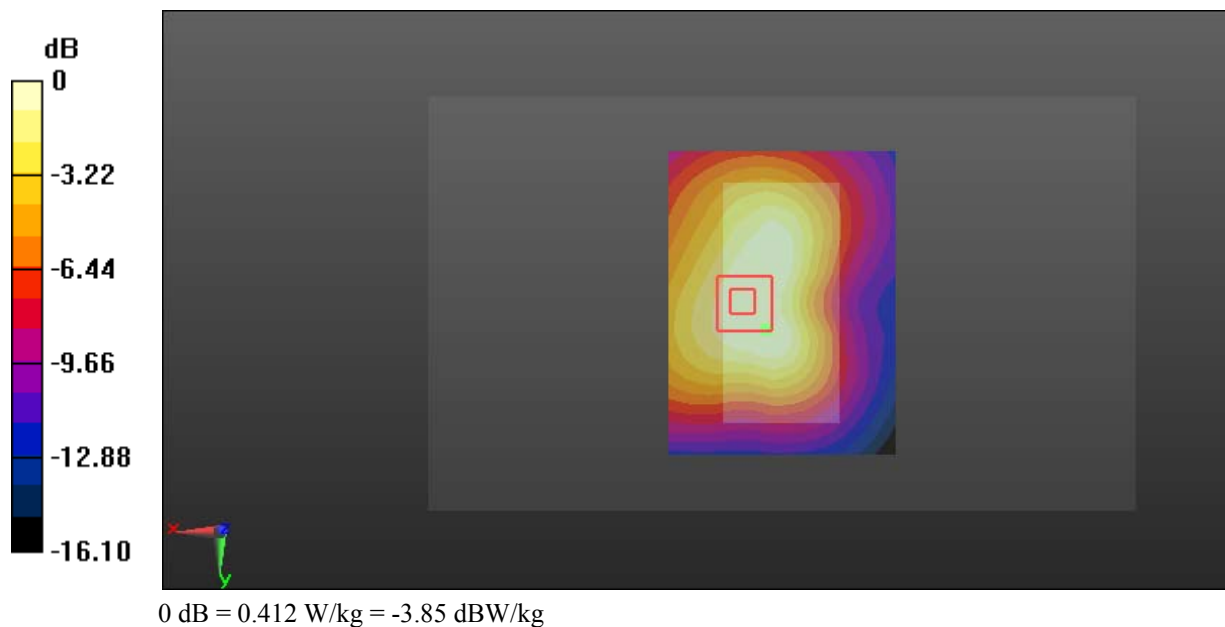Maximum value of SAR (interpolated) = 0.448 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.38 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.412 W/kg

0 dB = 0.412 W/kg = -3.85 dBW/kg

Test Plot 13#: WCDMA Band 5_Body Back_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; ε_r = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (141x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
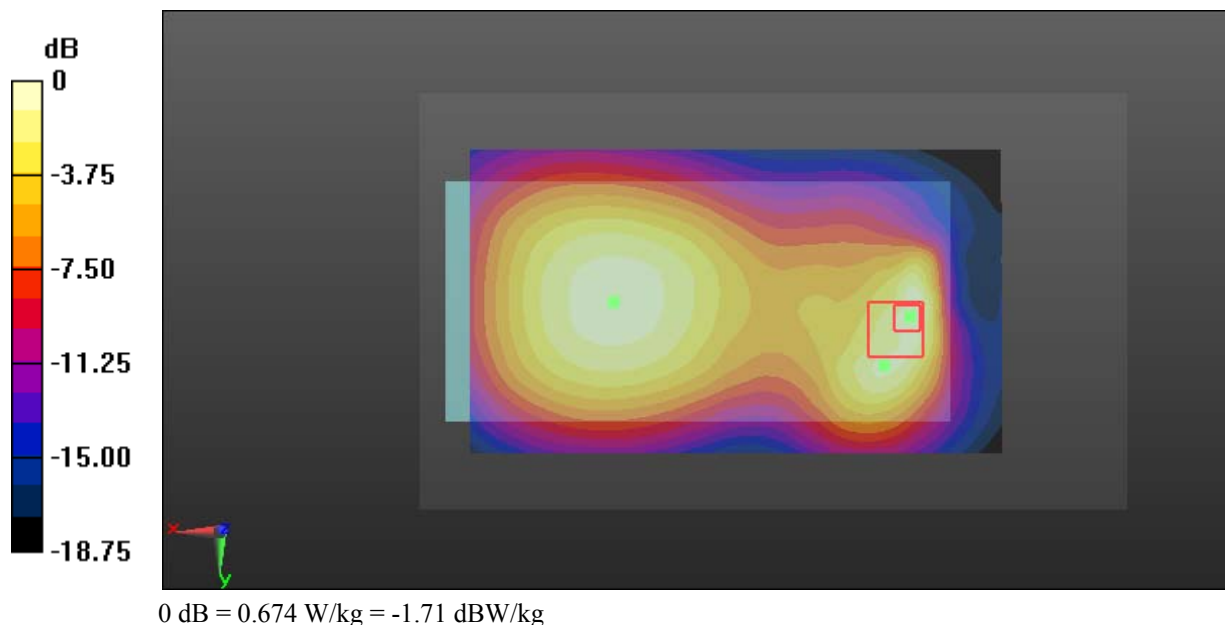Maximum value of SAR (interpolated) = 0.694 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.93 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.832 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.251 W/kg
Maximum value of SAR (measured) = 0.674 W/kg

0 dB = 0.674 W/kg = -1.71 dBW/kg

Test Plot 14#: WCDMA Band 5_Body Left_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; ε_r = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (141x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
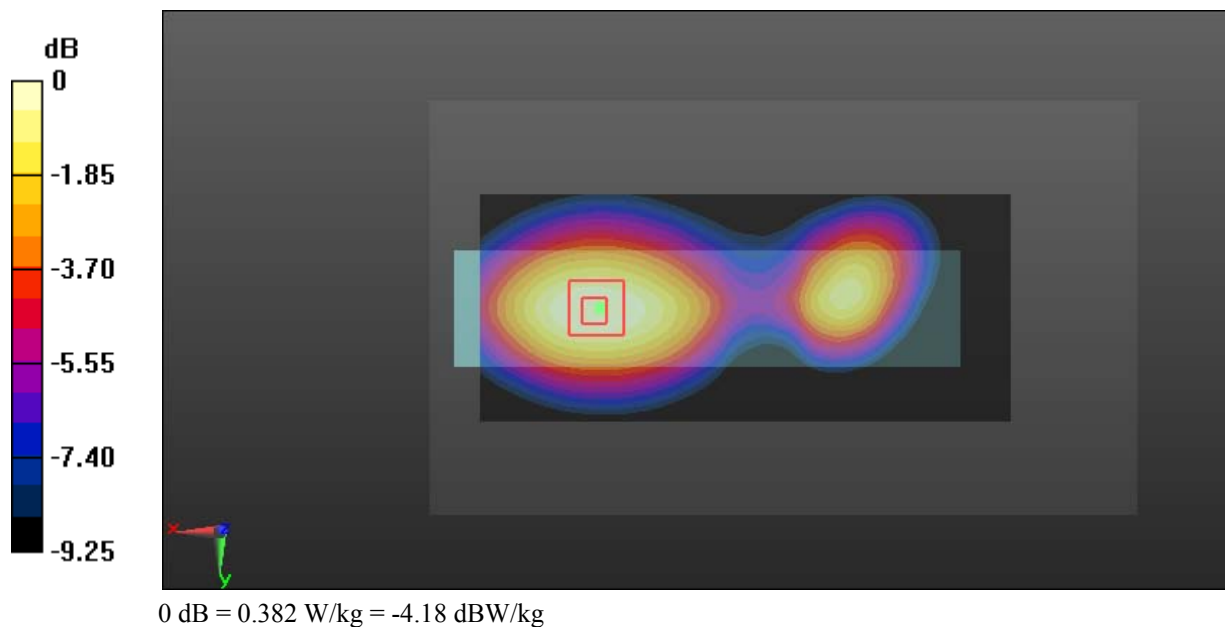Maximum value of SAR (interpolated) = 0.385 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.68 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.426 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.382 W/kg

0 dB = 0.382 W/kg = -4.18 dBW/kg

Test Plot 15#: WCDMA Band 5_Body Right_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; ε_r = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (141x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
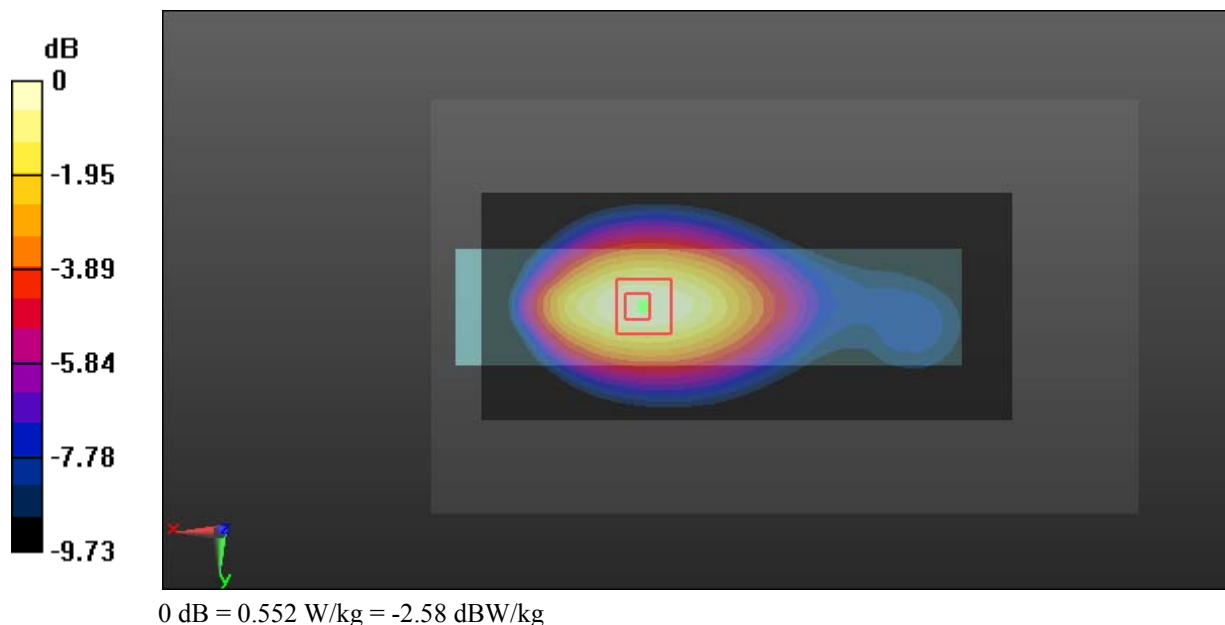Maximum value of SAR (interpolated) = 0.567 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.01 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.622 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 0.552 W/kg

0 dB = 0.552 W/kg = -2.58 dBW/kg

Test Plot 16#: WCDMA Band 5_Body Top_Middle

DUT: Industrial Data Controller/Collector; Type: T18; Serial: 18030200121

Communication System: Generic WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.95 S/m; ε_r = 56.985; ρ = 1000 kg/m^3 ;
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772;Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.164 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.56 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.083 W/kg
Maximum value of SAR (measured) = 0.187 W/kg

0 dB = 0.187 W/kg = -7.28 dBW/kg