

#01_GSM850_GPRS (2 Tx slots)_Front_10mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: HSL_850_160311 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 41.487$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(9.96, 9.96, 9.96); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch128/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

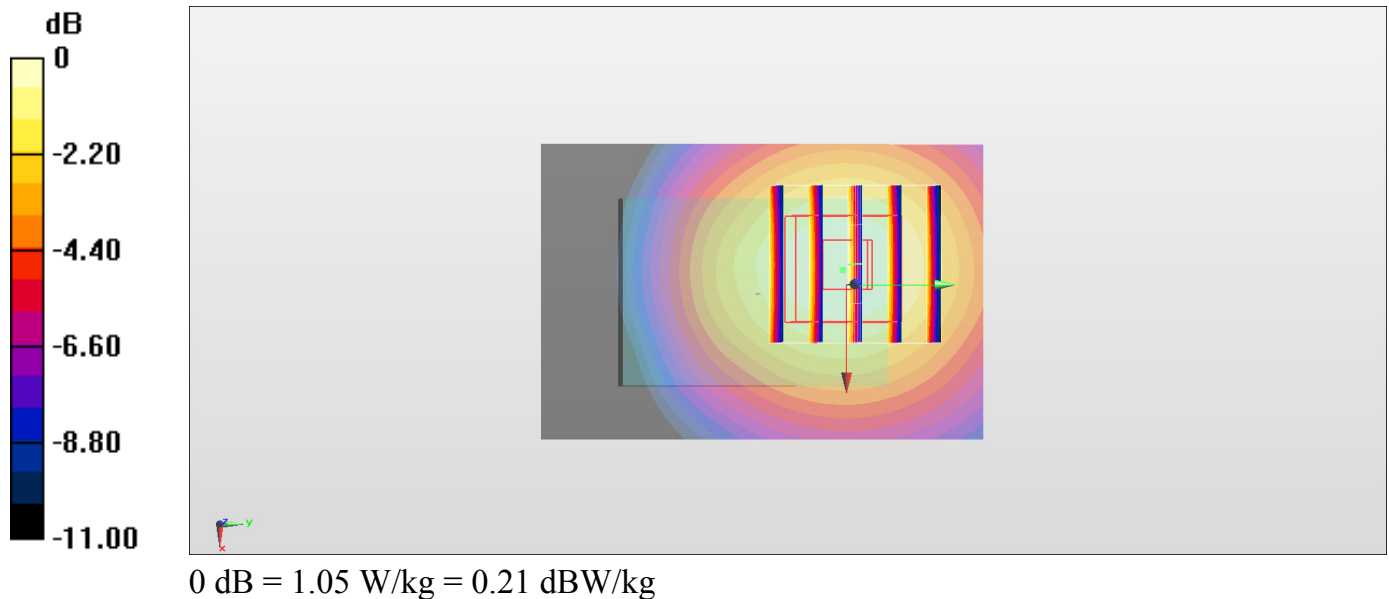
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.297 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.531 W/kg

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



#02_GSM1900_GPRS (2 Tx slots)_Front_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: HSL_1900_160326 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.469$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(8.32, 8.32, 8.32); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch810/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.678 W/kg

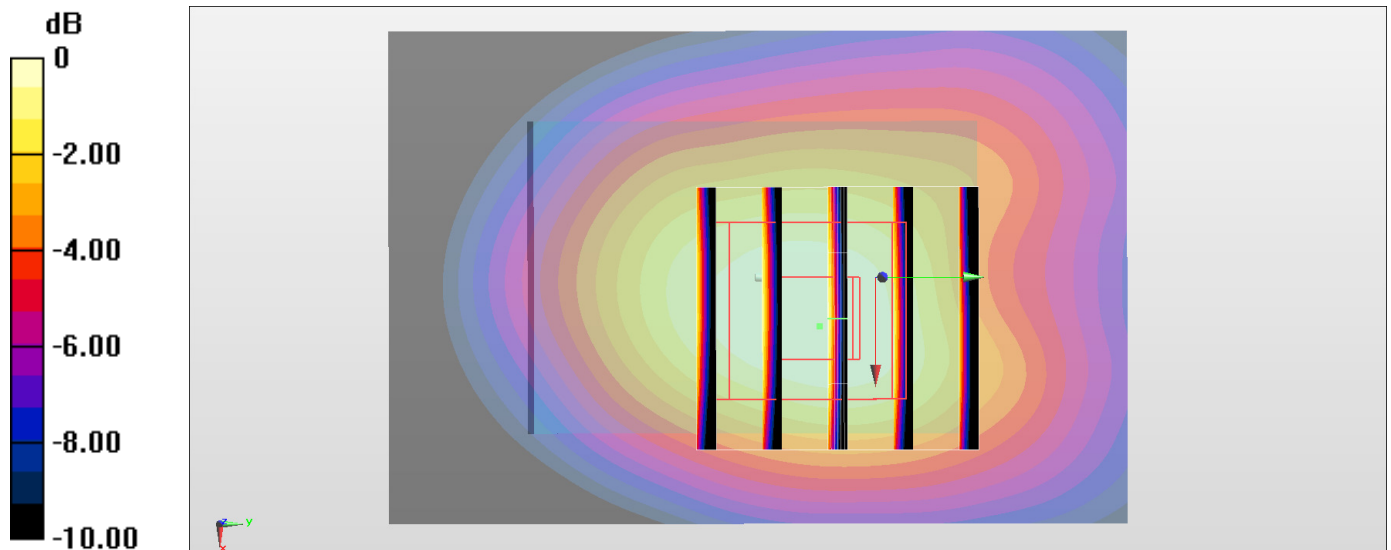
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.262 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg = -1.87 dBW/kg

#03_WCDMA II_RMC 12.2Kbps_Front_10mm_Ch9400

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

Medium: HSL_1900_160326 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 38.877$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(8.32, 8.32, 8.32); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9400/Area Scan (41x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.944 W/kg

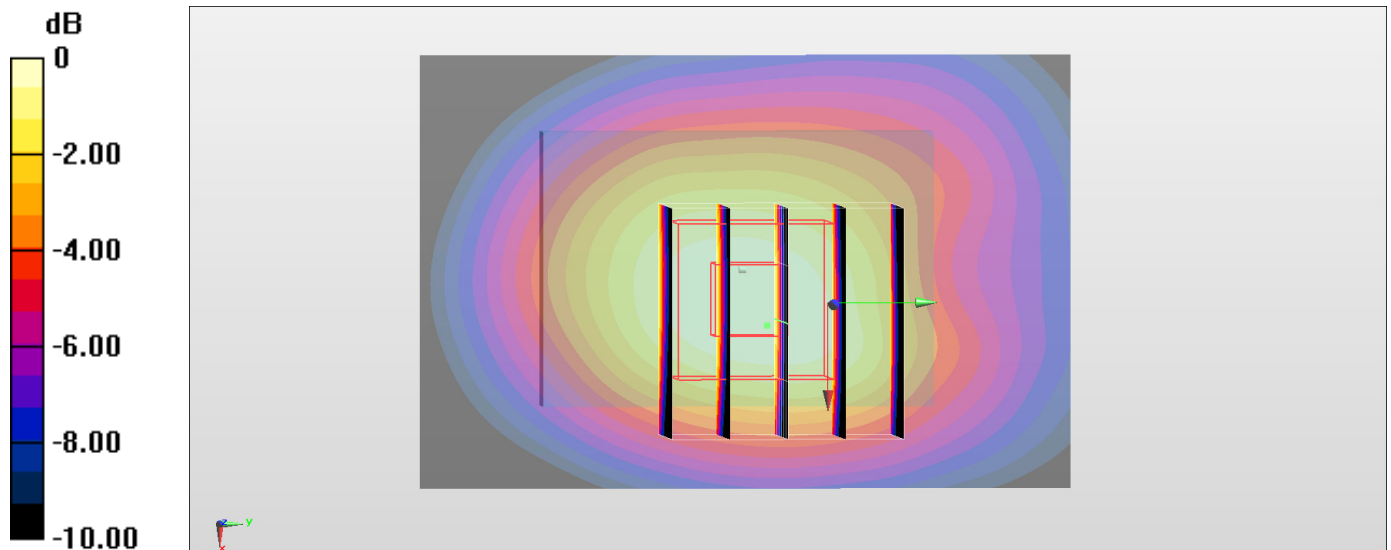
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.291 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 0.929 W/kg



0 dB = 0.929 W/kg = -0.32 dBW/kg

#04_WCDMA V_RMC 12.2Kbps_Front_10mm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_160311 Medium parameters used: $f = 847$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(9.96, 9.96, 9.96); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.898 W/kg

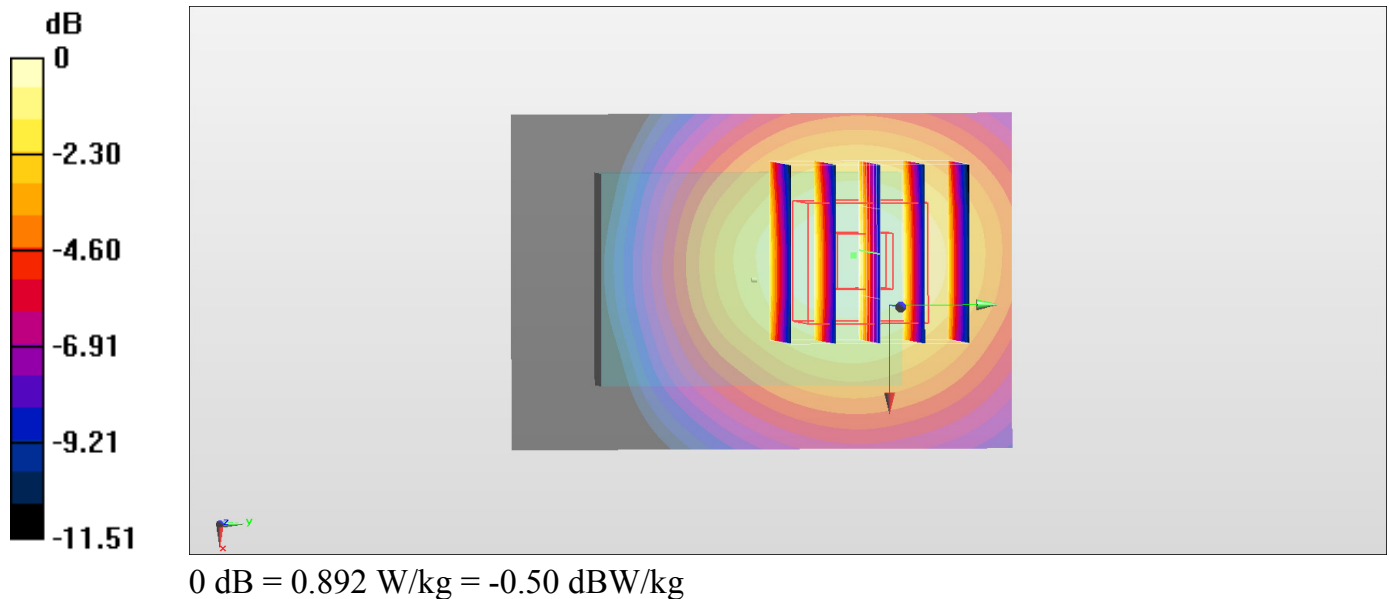
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.522 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 0.892 W/kg



#05_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1.022

Medium: HSL_2450_160311 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ S/m; $\epsilon_r = 40.087$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.36, 7.36, 7.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0768 W/kg

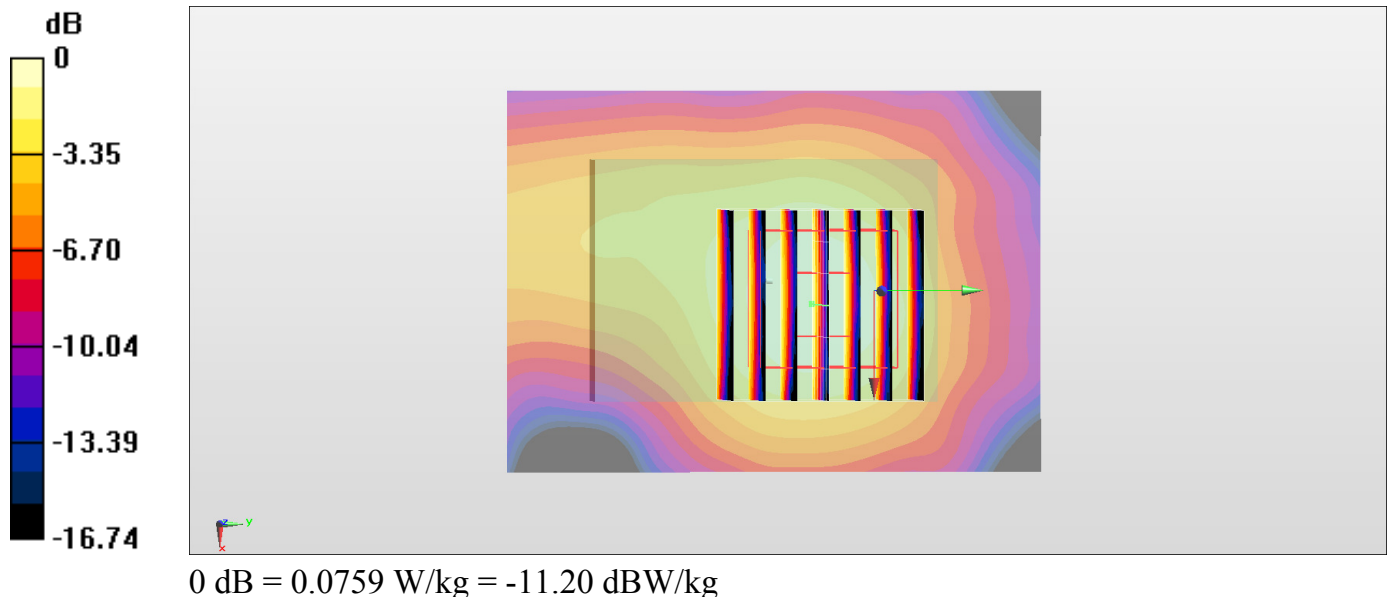
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.316 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0759 W/kg



#06_GSM850_GPRS10_Inner_wrist band_0mm_Ch128

Communication System: UID 0, GSM850 (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 824.2 MHz; Communication System PAR: 6.18 dB; PMF: 2.03704

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 56.378$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 24.11.2015;
- Modulation Compensation:
 - Sensor-Surface: 3.47mm (Fix Surface), $z = 51.0$
- Electronics: DAE4 Sn1399; Calibrated: 23.11.2015
- Phantom: WATCH_PHANTOM
- DASY52 52.8.8(1222); SEMCAD X 14.9.7285(0)
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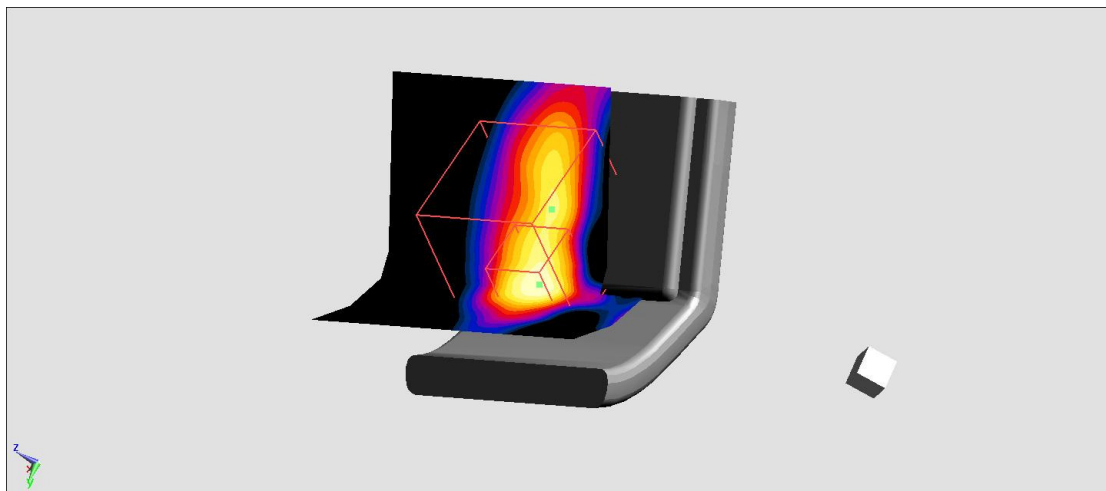
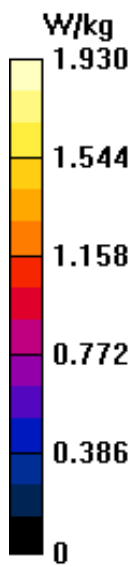
STEP 2_ SAR Measurement/Select Communication System and Frequency of EUT/Area Scan (71x61x1):

Interpolated grid: $dx=0.8000$ mm, $dy=0.8000$ mm

Reference Value = 21.20 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.847 W/kg

Maximum value of SAR (interpolated) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

#09_WCDMA V_RMC12.2K_Inner wrist band_0mm_Ch4233

Communication System: UID 0, WCDMA (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 846.6 MHz; Communication System PAR: 0 dB; PMF: 1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 56.166$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

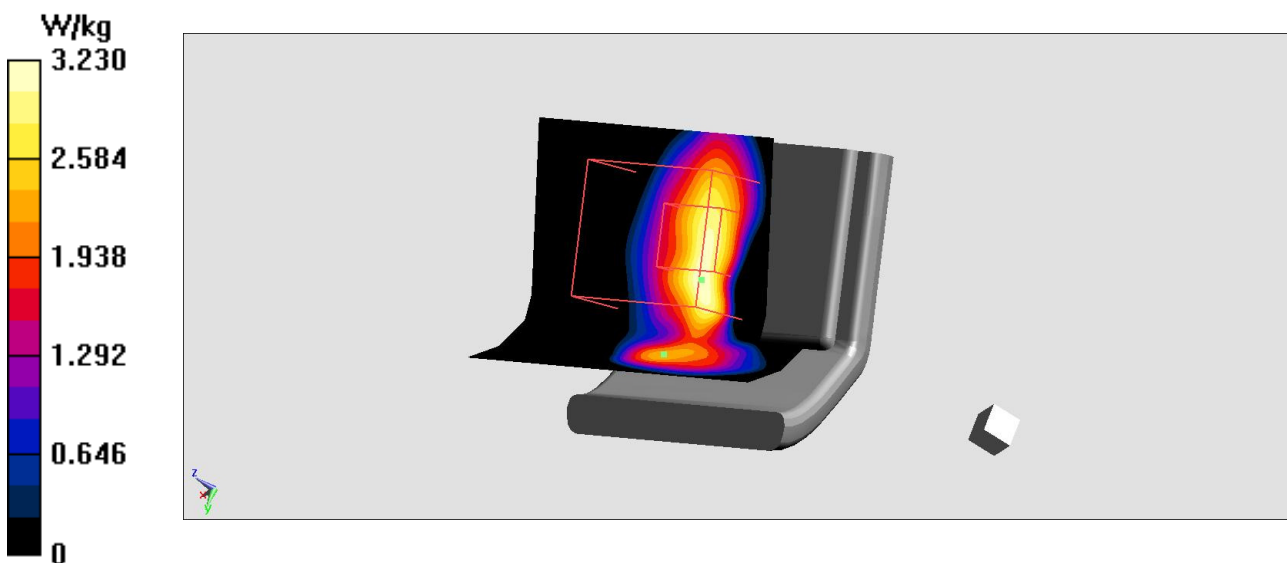
- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 24.11.2015;
- Modulation Compensation:
 - Sensor-Surface: 3.47mm (Fix Surface), $z = 51.0$
- Electronics: DAE4 Sn1399; Calibrated: 23.11.2015
- Phantom: WATCH_PHANTOM
- DASY52 52.8.8(1222); SEMCAD X 14.9.7285(0)
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STEP 2_ SAR Measurement/Select Communication System and Frequency of EUT/Area Scan (71x61x1): Interpolated grid: $dx=0.8000$ mm, $dy=0.8000$ mm

Reference Value = 22.44 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.27 W/kg

Maximum value of SAR (interpolated) = 3.23 W/kg



$$0 \text{ dB} = 3.23 \text{ W/kg} = 5.09 \text{ dBW/kg}$$

