



REPORT No. : SZ21080296S01

Annex D Plots of Maximum SAR Test Results

GSM850_GPRS(2 TX slots)_Bottom Face_0mm_Ch189

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15
Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.57, 9.57, 9.57) @ 836.4 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch189/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.768 W/kg

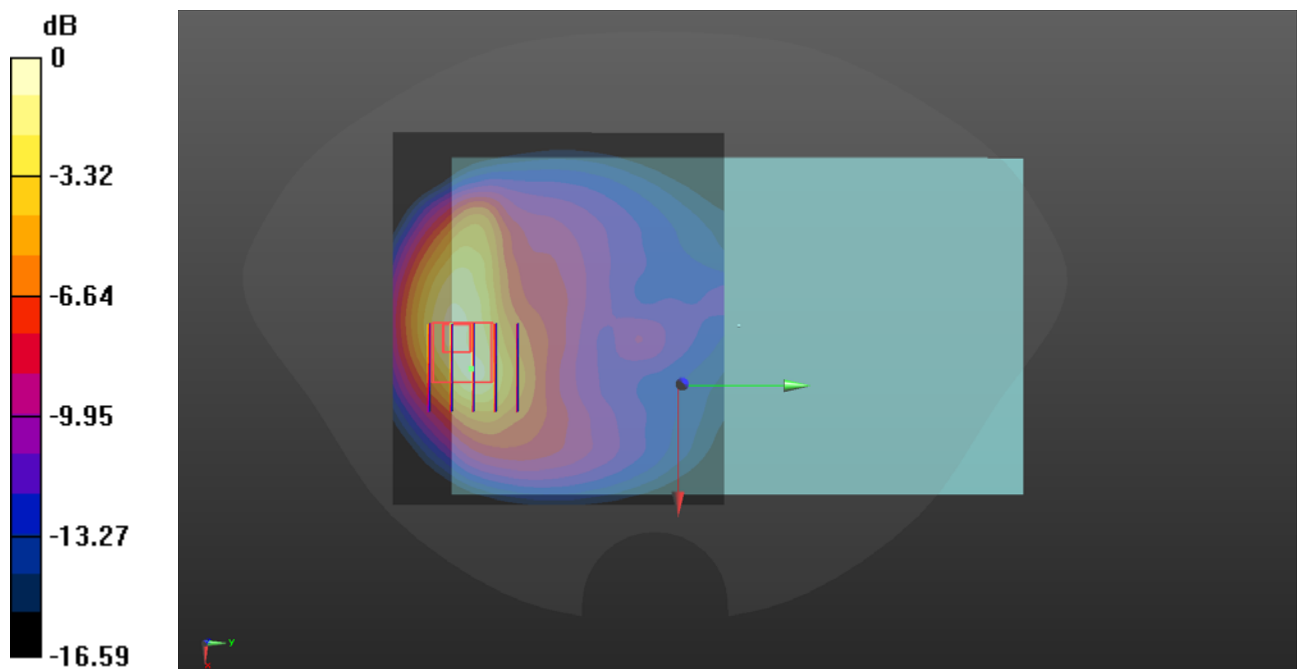
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.133 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.889 W/kg



0 dB = 0.889 W/kg

GSM1900_GPRS(2 TX slots)_Bottom Face_0mm_Ch661

Communication System: UID 0, GSM1900(Class 10) (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium: HSL_2000 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 39.882$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.04, 8.04, 8.04) @ 1880 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch661/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.18 W/kg

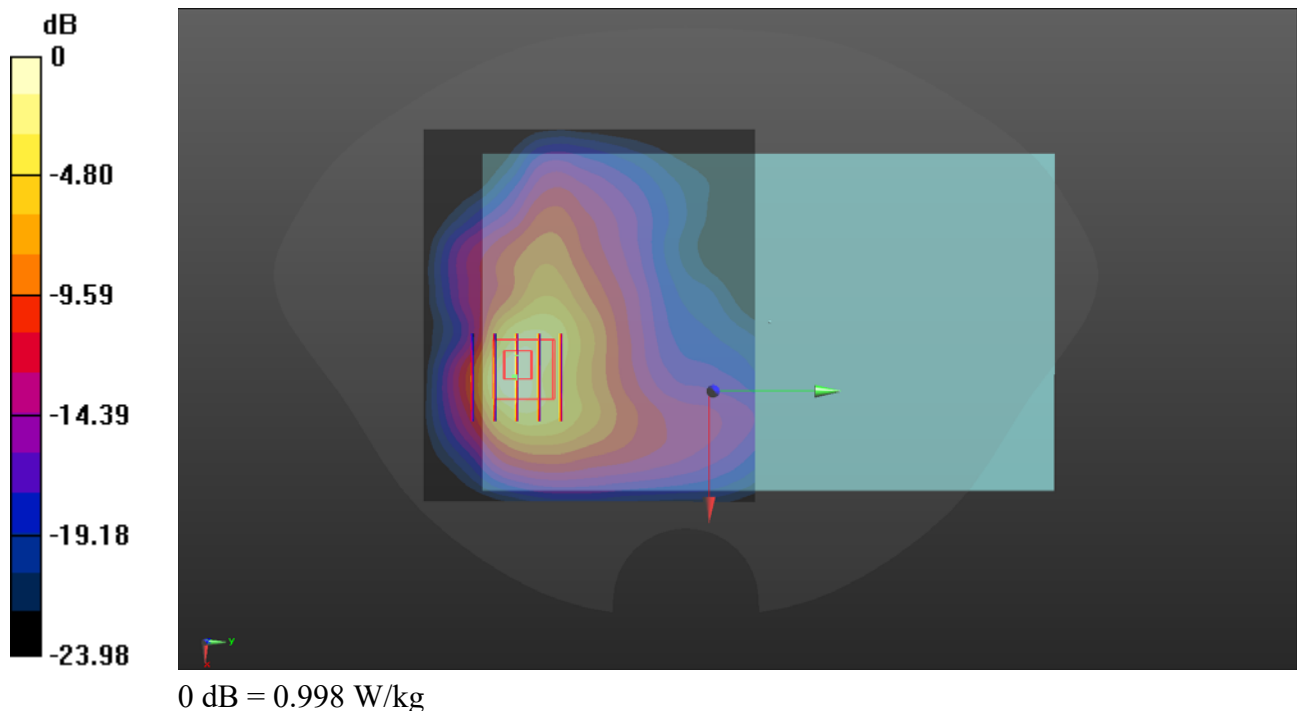
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.318 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.998 W/kg



WCDMA Band II_RMC 12.2Kbps_Bottom Face_0mm_Ch9400

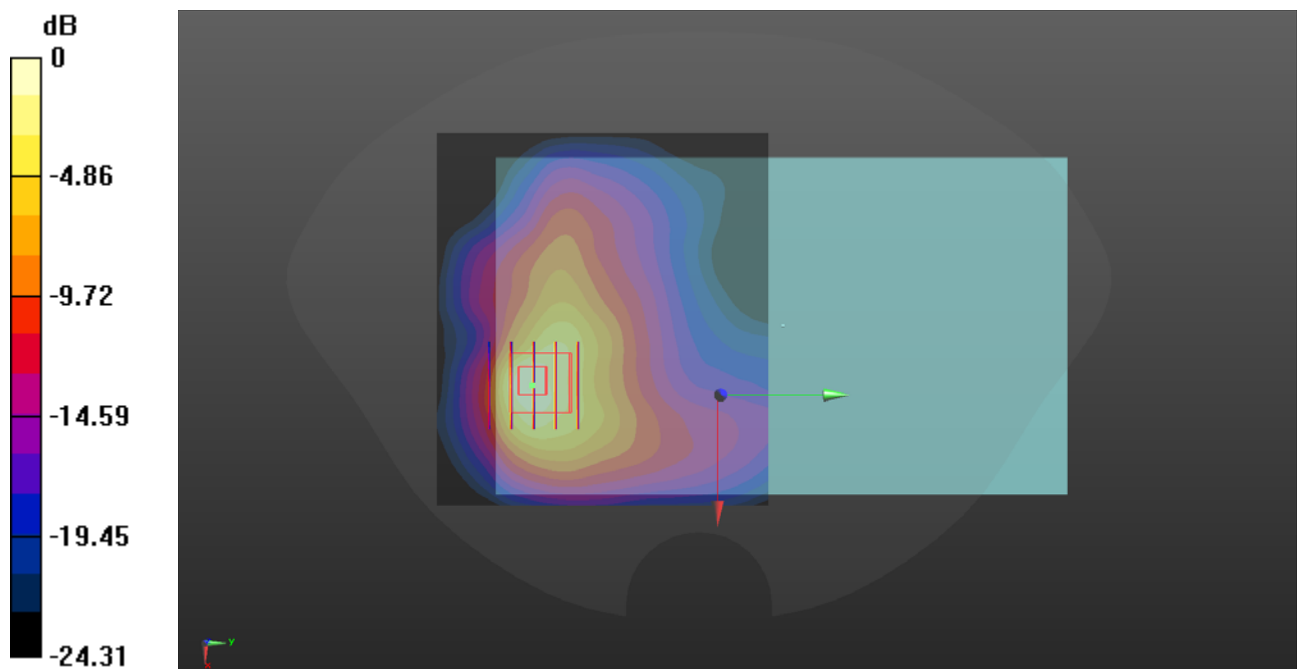
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: HSL_2000 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 39.882$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.04, 8.04, 8.04) @ 1880 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.756 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 1.318 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.292 W/kg
 Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.660 W/kg

WCDMA Band IV_RMC 12.2Kbps_Bottom Face_0mm_Ch1413

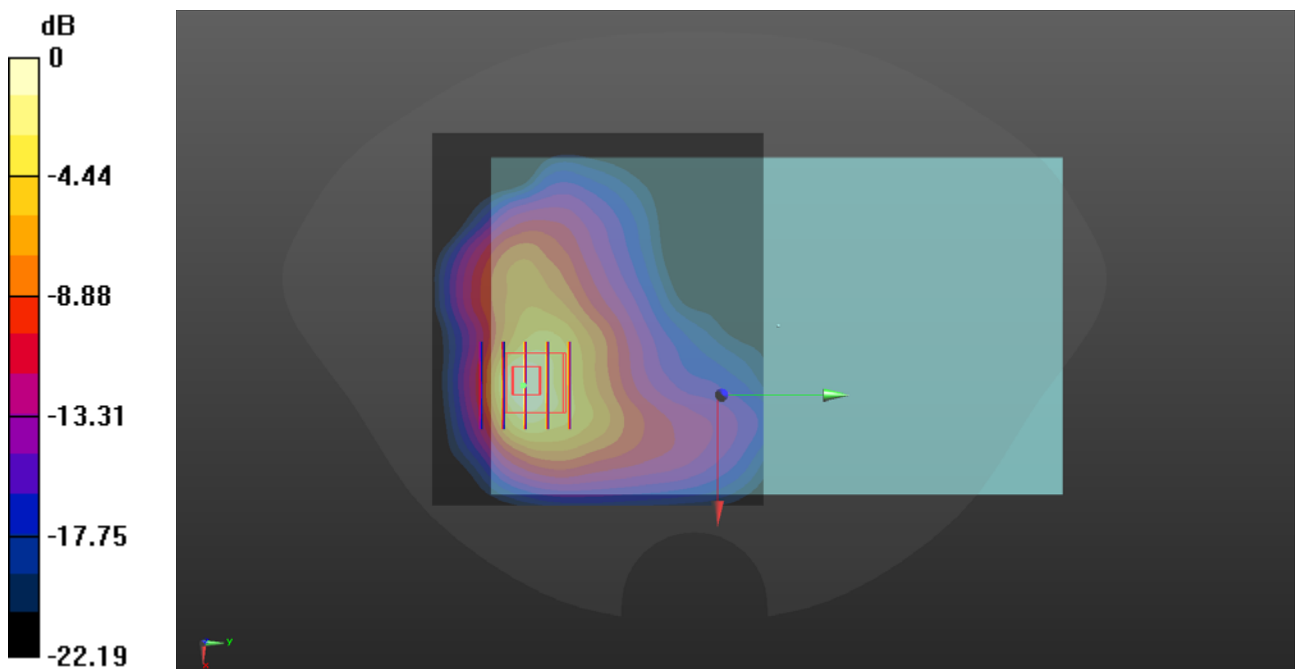
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.814$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.32, 8.32, 8.32) @ 1732.6 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1413/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.811 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.636 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg

WCDMA Band V_RMC 12.2Kbps_Bottom Face_0mm_Ch4182

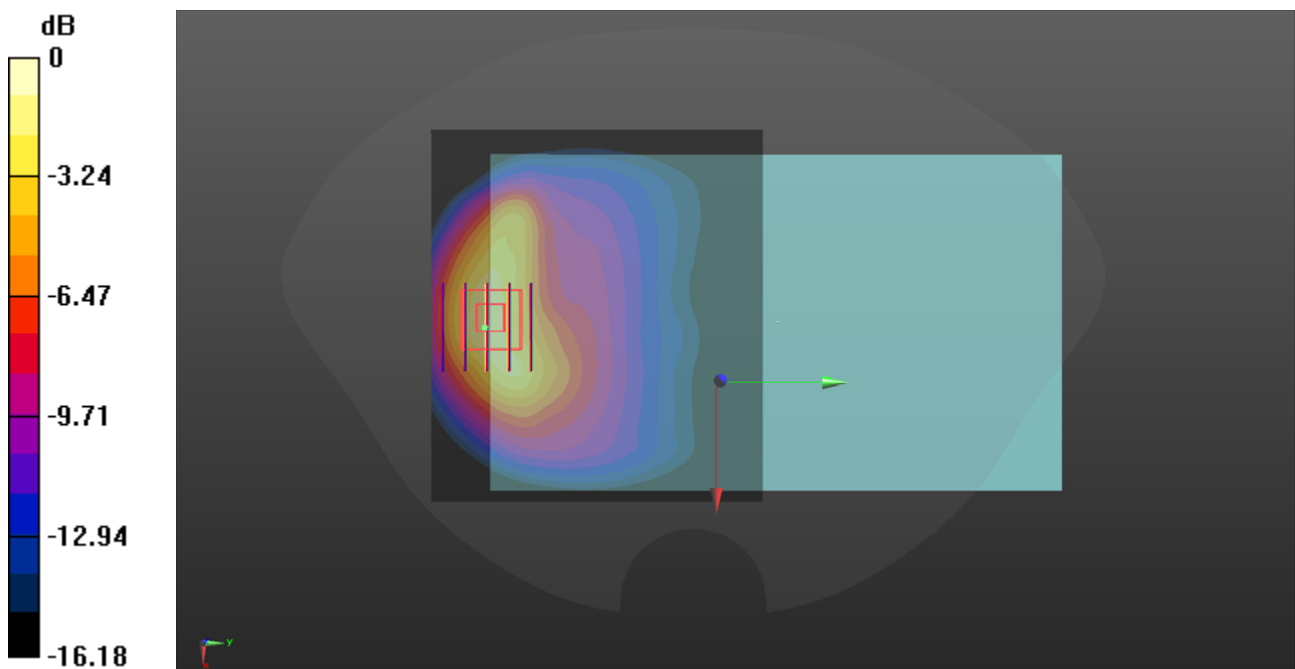
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.978$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.57, 9.57, 9.57) @ 836.4 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4182/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.592 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.786 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.742 W/kg



LTE Band 2_20MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_2000 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.321$ S/m; $\epsilon_r = 39.882$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.04, 8.04, 8.04) @ 1880 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.83 W/kg

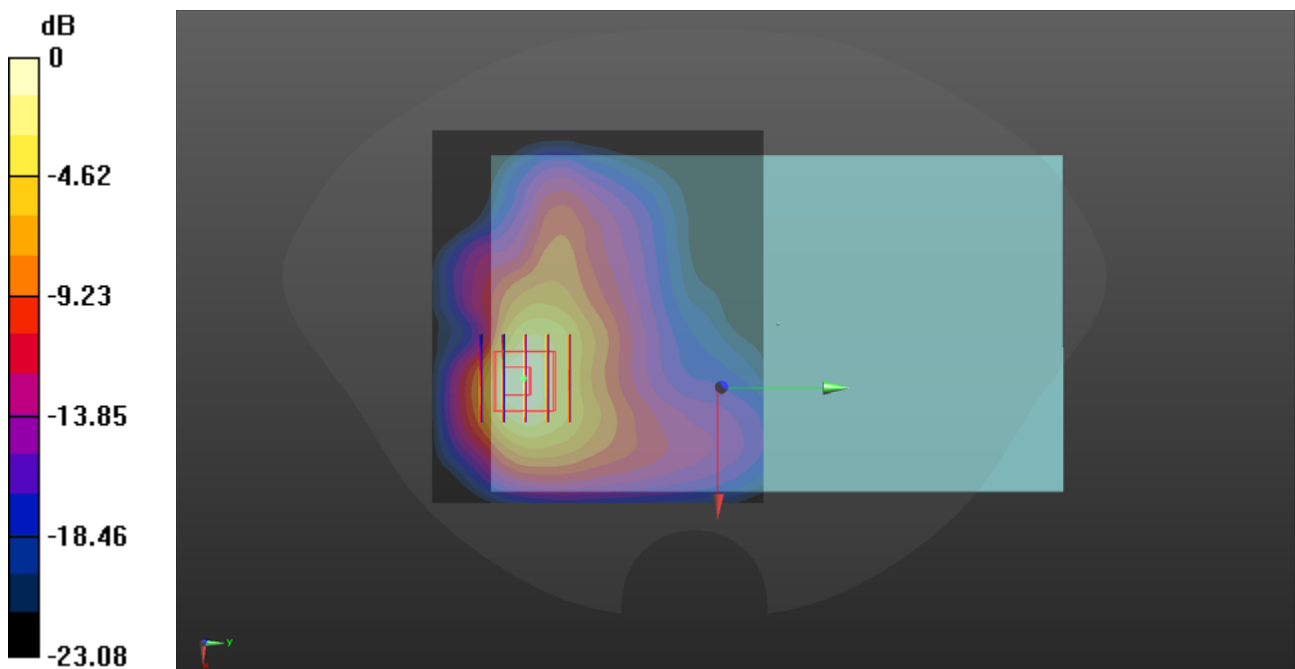
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.694 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.431 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



LTE Band 4_20MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.814$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.32, 8.32, 8.32) @ 1732.5 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20175/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

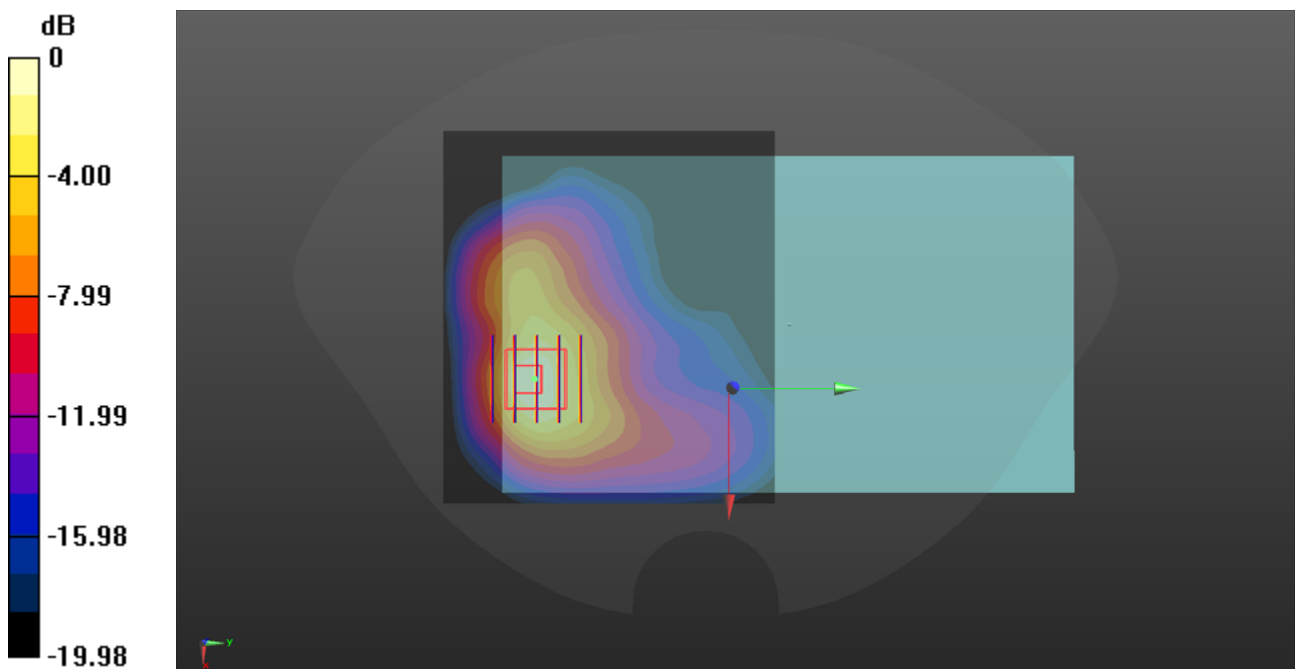
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.680 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 42.967$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20525/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.778 W/kg

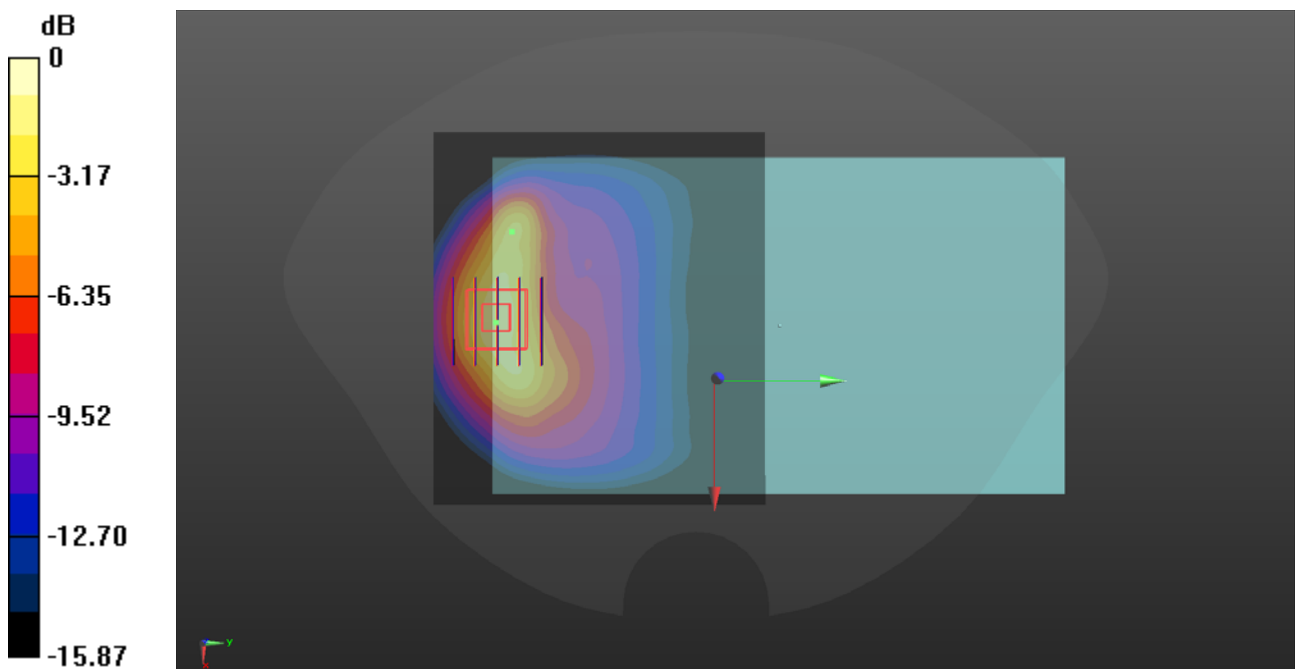
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.331 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 38.489$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.4, 7.4, 7.4) @ 2535 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (111x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

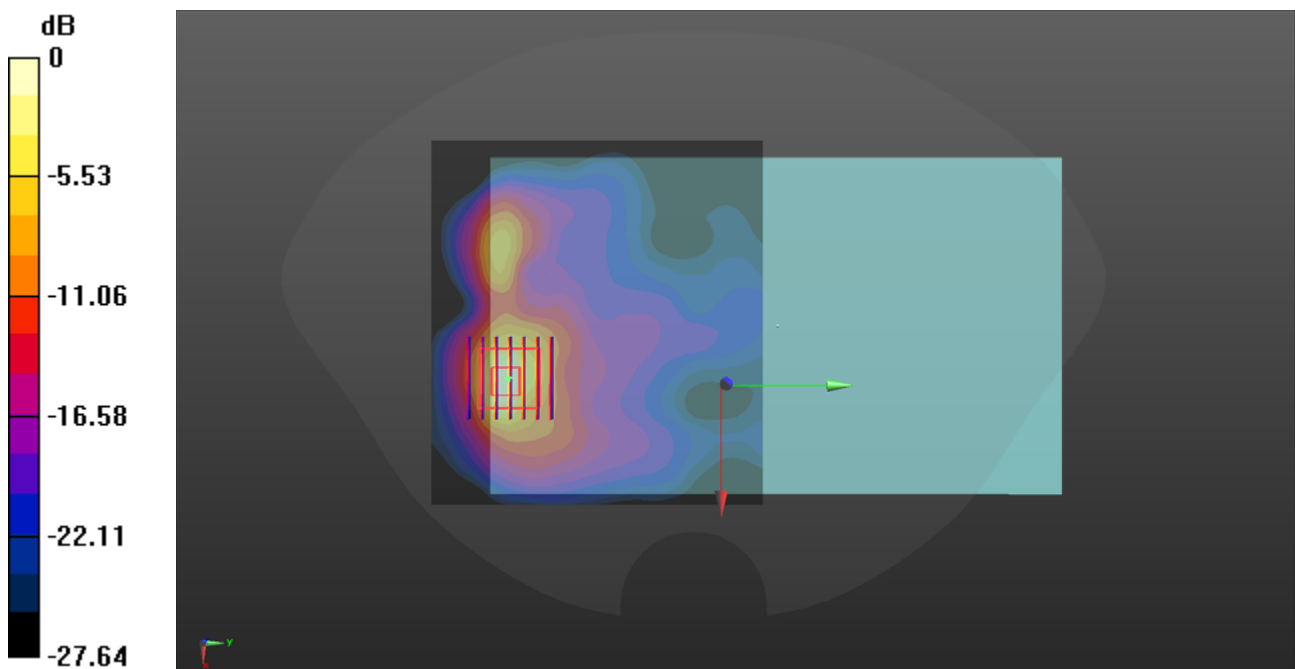
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.274 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg

LTE Band 12_10MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.848$ S/m; $\epsilon_r = 44.777$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.76, 9.76, 9.76) @ 707.5 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.982 W/kg

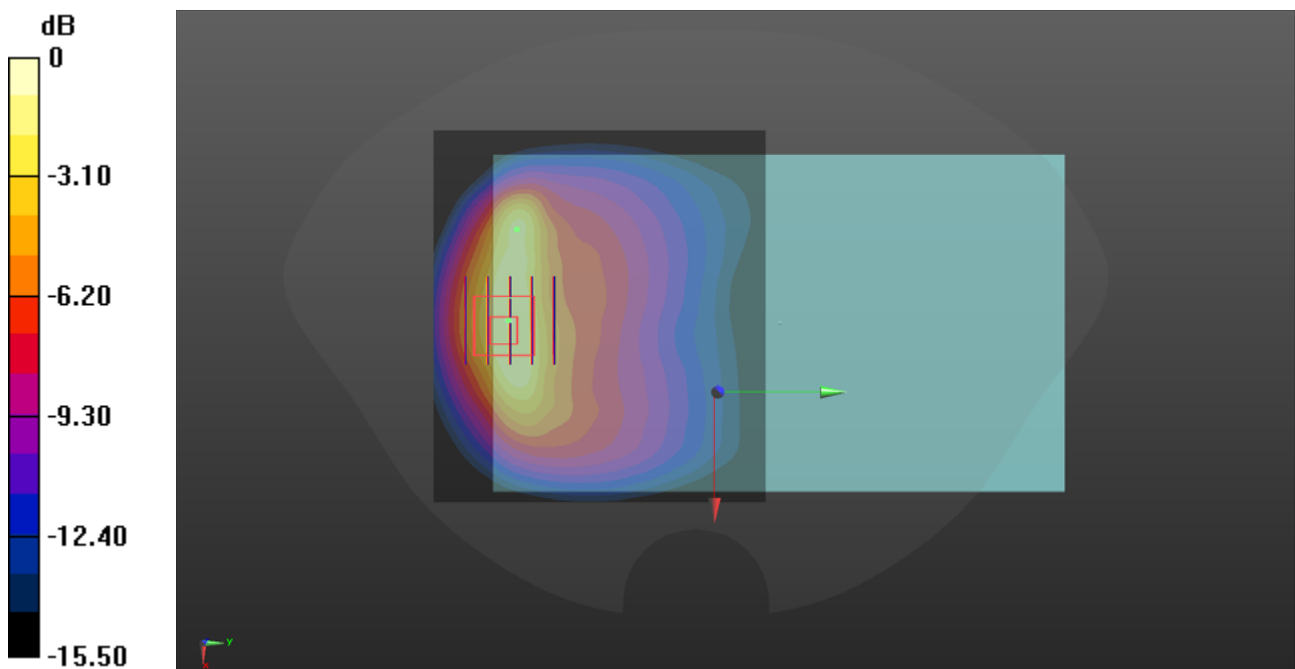
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.184 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.409 W/kg

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



0 dB = 1.23 W/kg

LTE Band 66_20MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.32, 8.32, 8.32) @ 1745 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch132322/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.914 W/kg

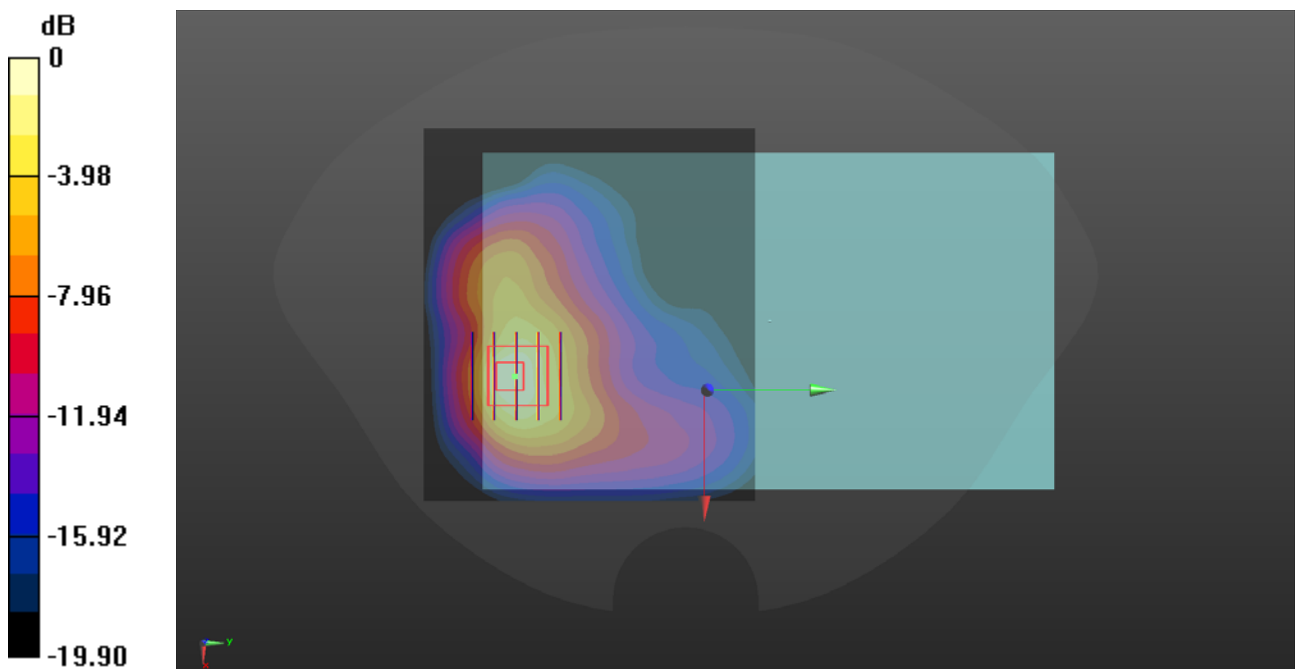
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.302 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.753 W/kg



0 dB = 0.753 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch7

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2442$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 38.829$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.58, 7.58, 7.58) @ 2442 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch7/Area Scan (111x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.469 W/kg

Ch7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.520 W/kg

