



REPORT No.: SZ23040082S01

Annex D Plots of Maximum SAR Test Results

WCDMA Band II_RMC 12.2Kbps_Bottom Face_0mm_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 39.377$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1852.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9262/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

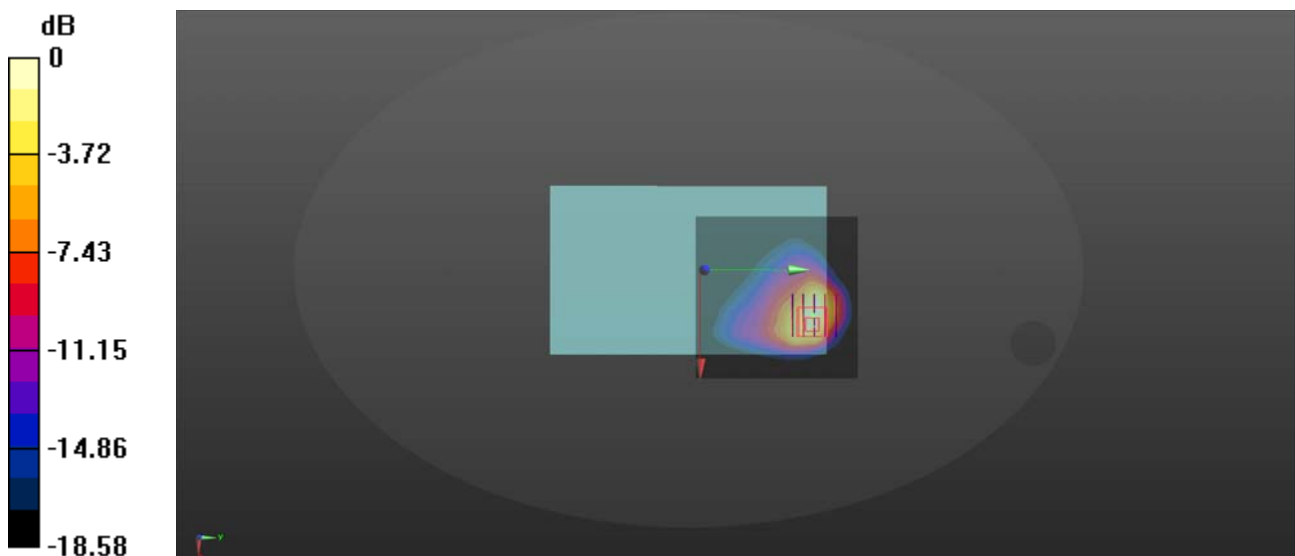
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.398 W/kg

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



0 dB = 1.38 W/kg

WCDMA Band IV_RMC 12.2Kbps_Bottom Face_0mm_Ch1513

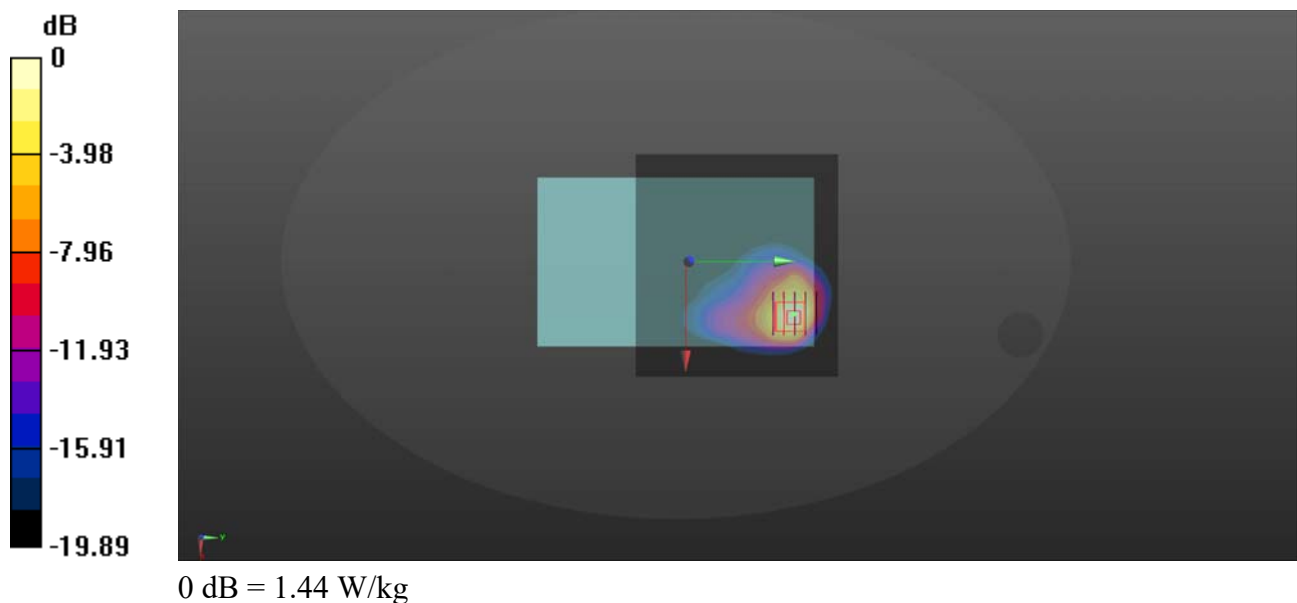
Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.522$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1752.6 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1513/Area Scan (111x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.75 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.449 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



WCDMA Band V_RMC 12.2Kbps_Bottom Face_0mm_Ch4182

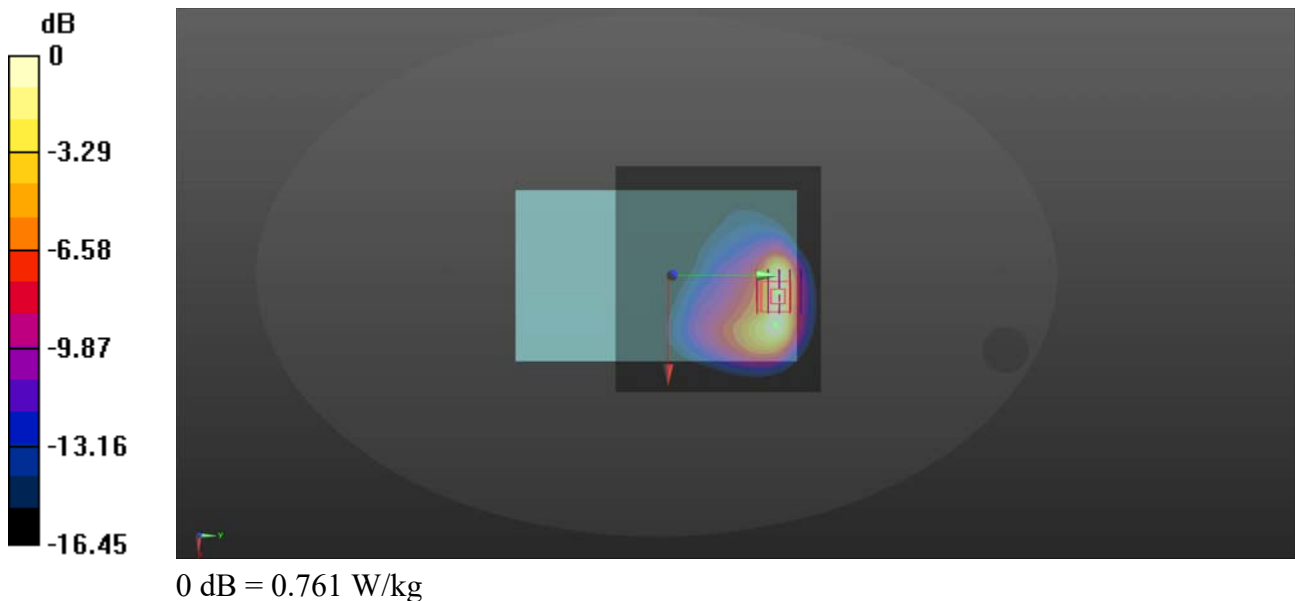
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 40.132$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4182/Area Scan (111x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.759 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.454 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 0.761 W/kg



LTE Band 5_10MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch20450

Communication System: UID 0, LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 829$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 40.139$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 829 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20450/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

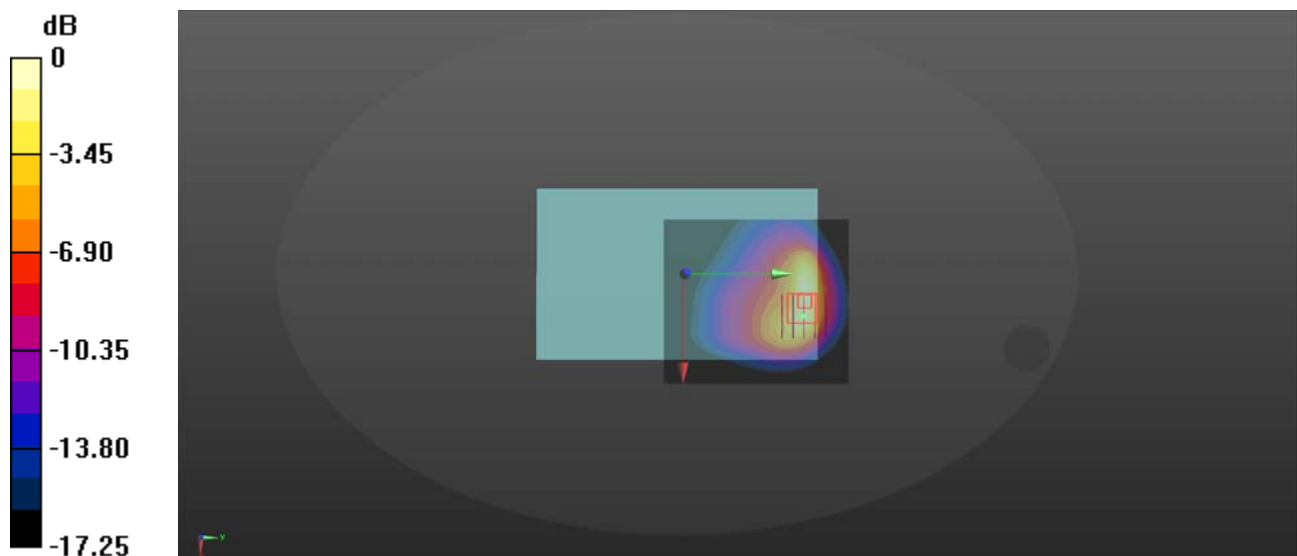
Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.591 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.464 W/kg

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



0 dB = 1.63 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.07.27

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; $\sigma = 0.892$ S/m; $\epsilon_r = 40.608$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 707.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (111x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

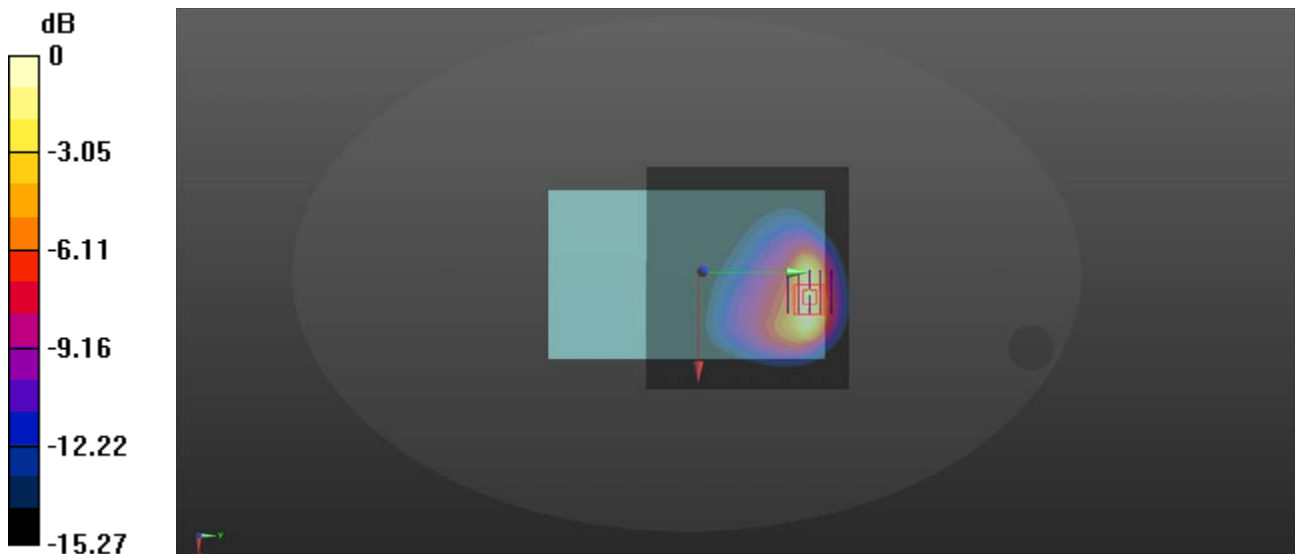
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.493 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg

LTE Band 13_10MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 40.414$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 782 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.22 W/kg

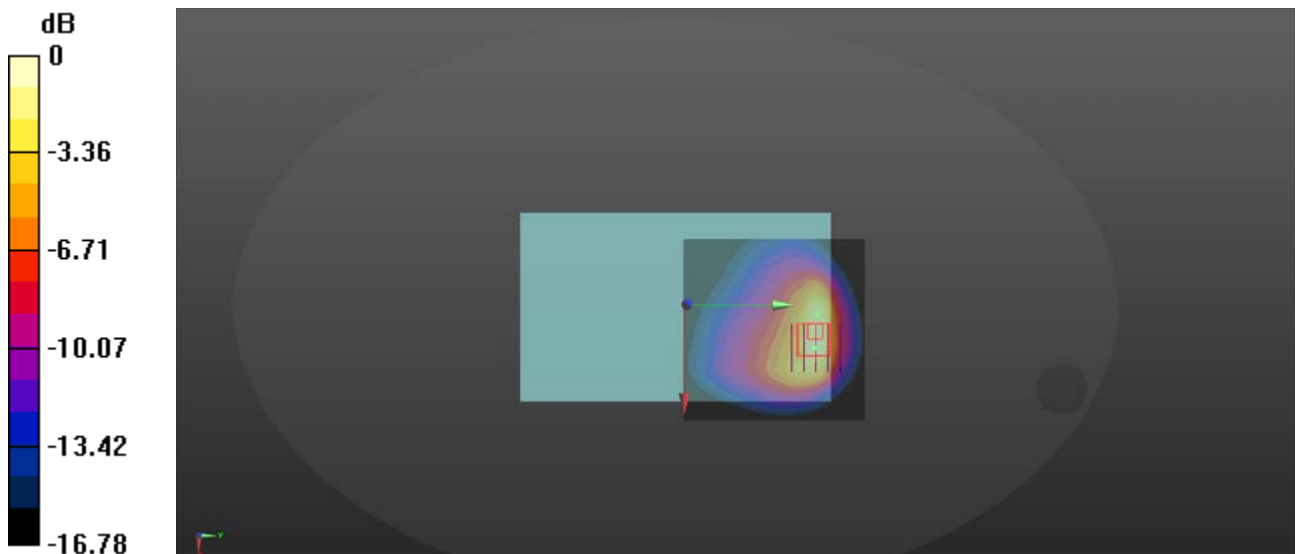
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.652 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.868 W/kg ; SAR(10 g) = 0.444 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

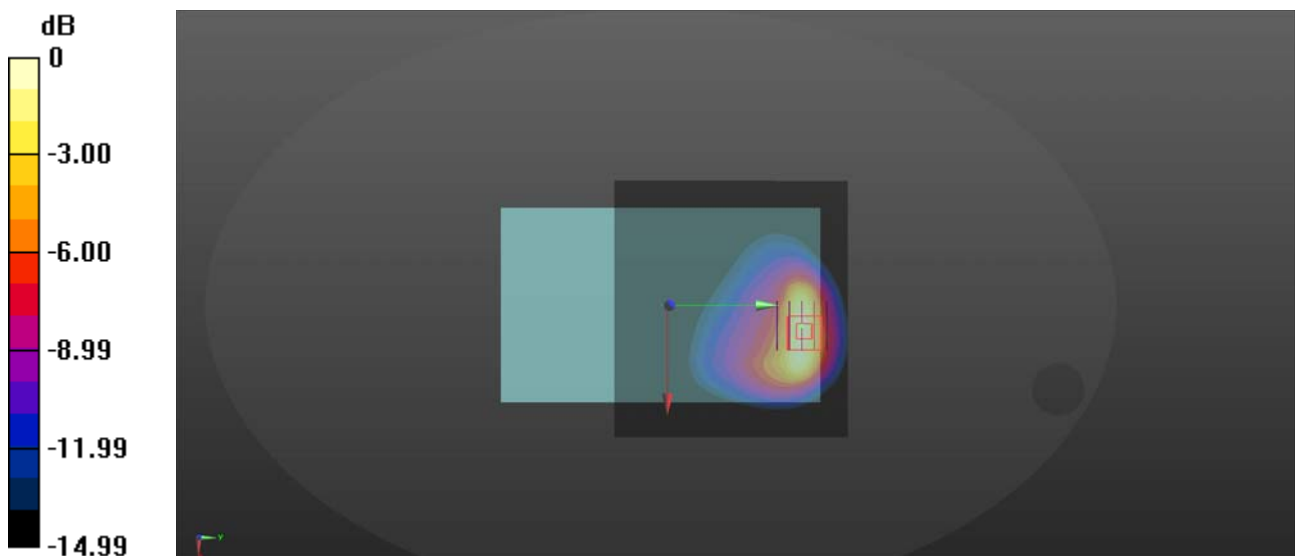
Date: 2023.07.28

LTE Band 14_10MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 40.303$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$ **DASY5 Configuration:**

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 793 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23330/Area Scan (111x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.39 W/kg **Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 2.446 V/m ; Power Drift = 0.18 dB Peak SAR (extrapolated) = 2.10 W/kg **SAR(1 g) = 0.884 W/kg ; SAR(10 g) = 0.446 W/kg** Maximum value of SAR (measured) = 1.48 W/kg 0 dB = 1.48 W/kg

LTE Band 25_20MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch26140

Communication System: UID 0, LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.336$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1860 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26140/Area Scan (111x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

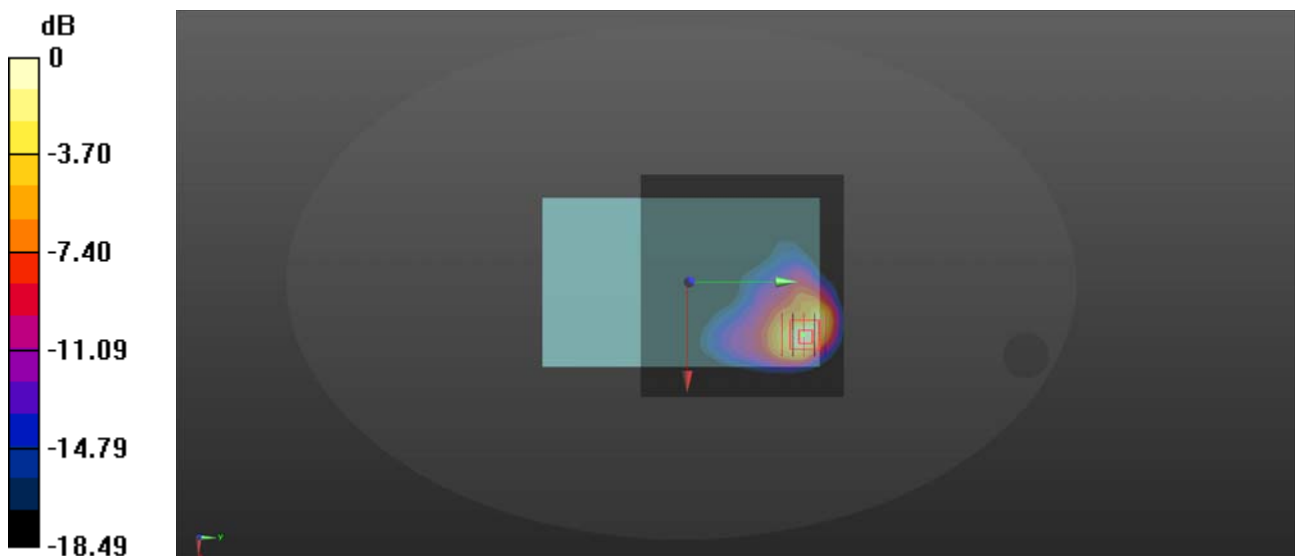
Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg

LTE Band 26_15MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch26765

Communication System: UID 0, LTE (0); Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 821.5$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 40.141$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 821.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26765/Area Scan (111x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

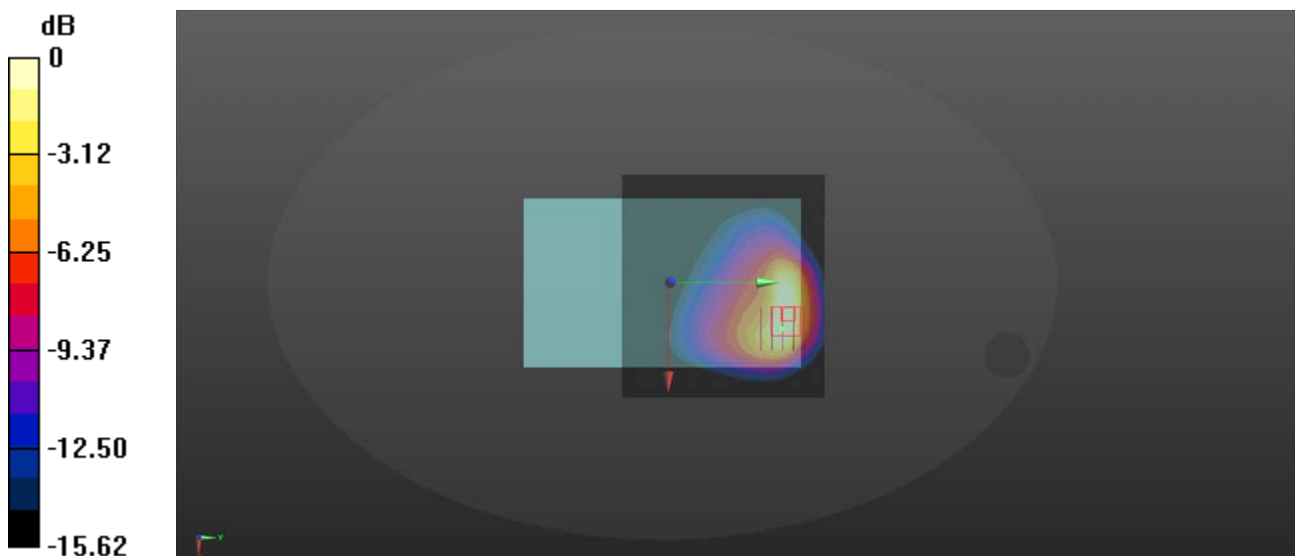
Ch26765/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.280 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.08.02

LTE Band 30_10MHz_QPSK_1RB_0Offset_Edge 1_0mm_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.654$ S/m; $\epsilon_r = 39.309$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.85, 7.85, 7.85) @ 2310 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch27710/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

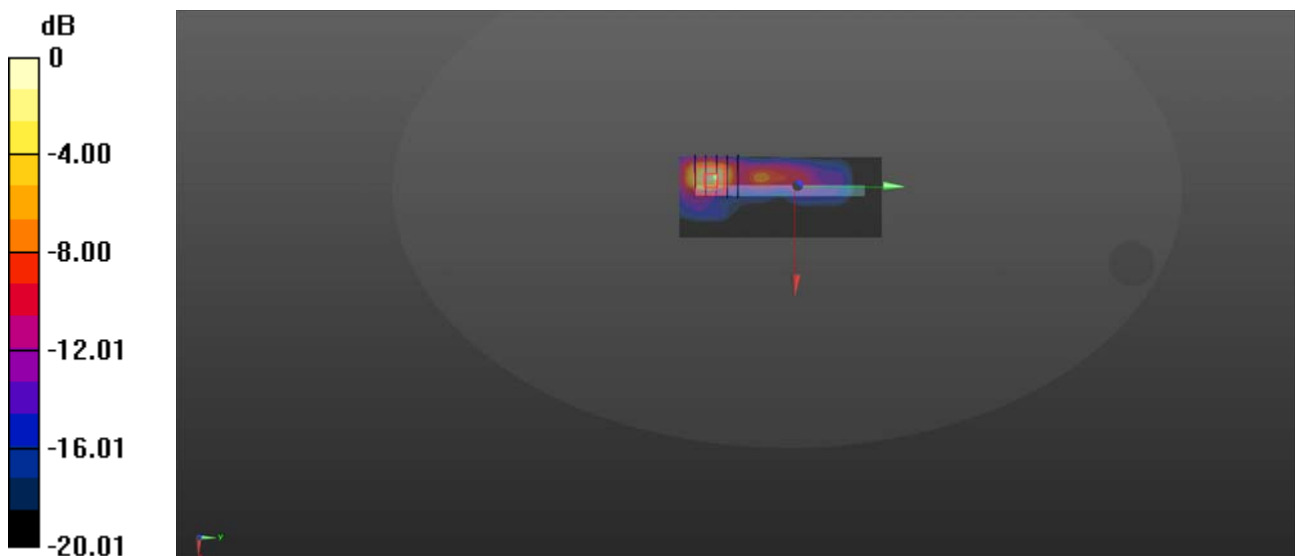
Ch27710/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.160 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Edge 4_11mm_Ch41490

Communication System: UID 0, LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.058$ S/m; $\epsilon_r = 37.678$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2680 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch41490/Area Scan (41x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

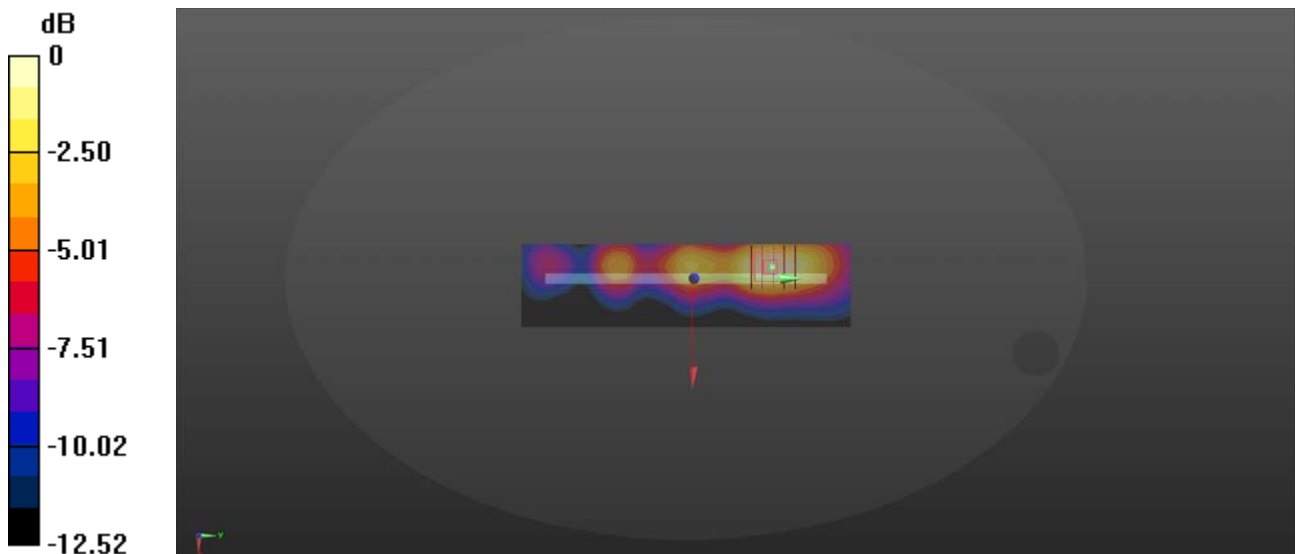
Ch41490/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.97 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.556 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg

LTE Band 66_20MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch132572

Communication System: UID 0, LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1800 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.594$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1770 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch132572/Area Scan (111x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

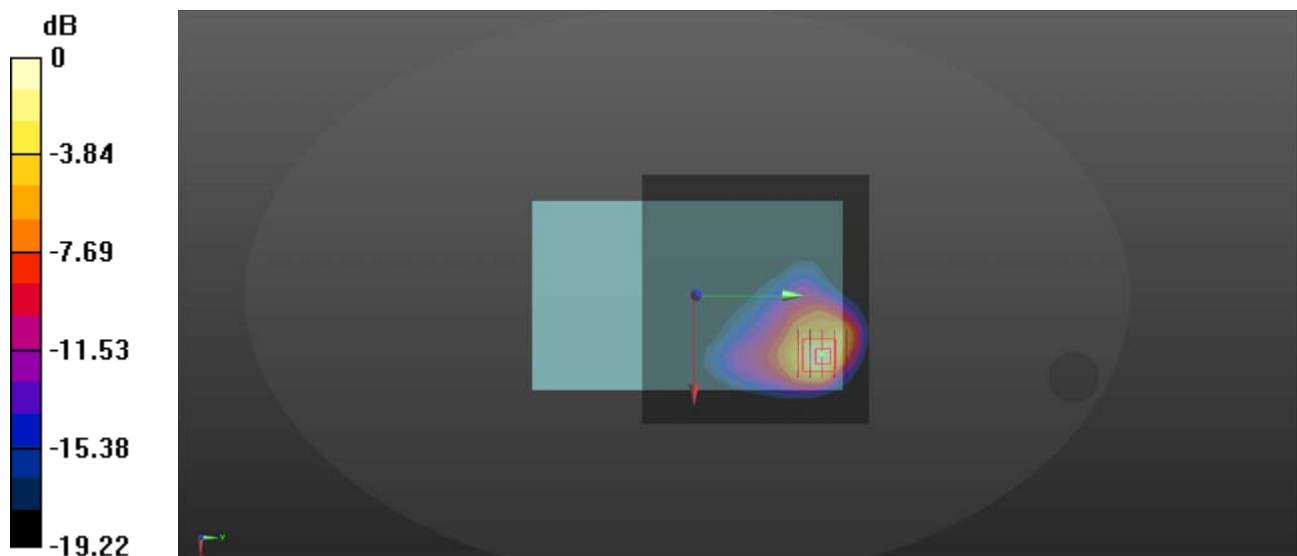
Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

LTE Band 71_20MHz_QPSK_1RB_0Offset_Bottom Face_0mm_Ch133372

Communication System: UID 0, LTE (0); Frequency: 688 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 688$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.712$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 688 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch133372/Area Scan (111x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

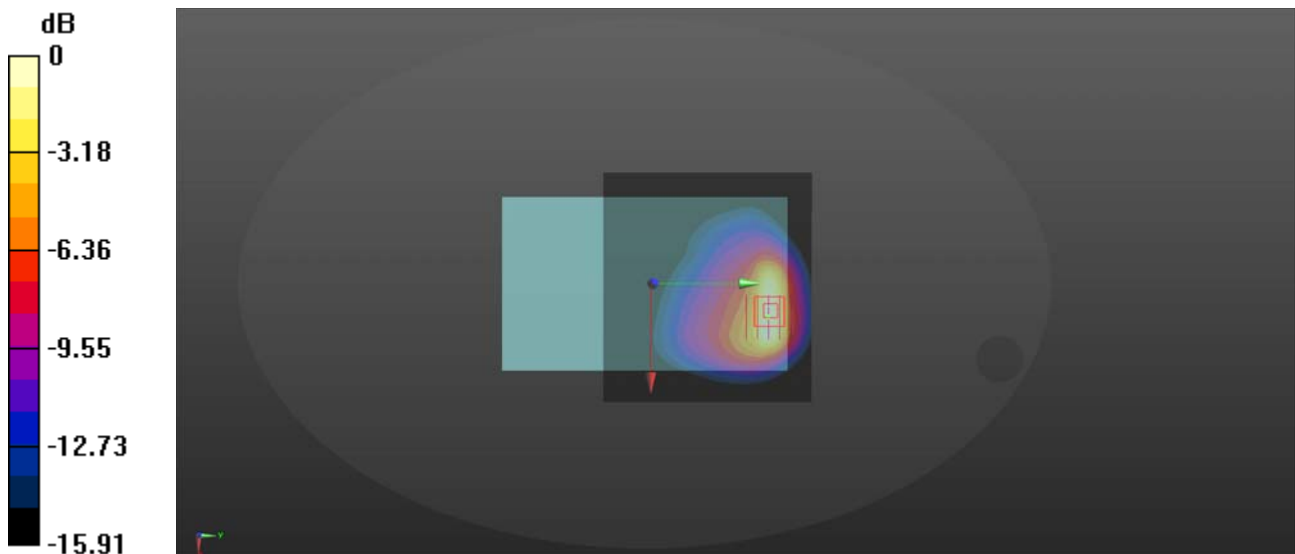
Ch133372/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.270 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch13

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1.011
Medium: HSL_2450 Medium parameters used: $f = 2472$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 38.651$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2472 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch13/Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

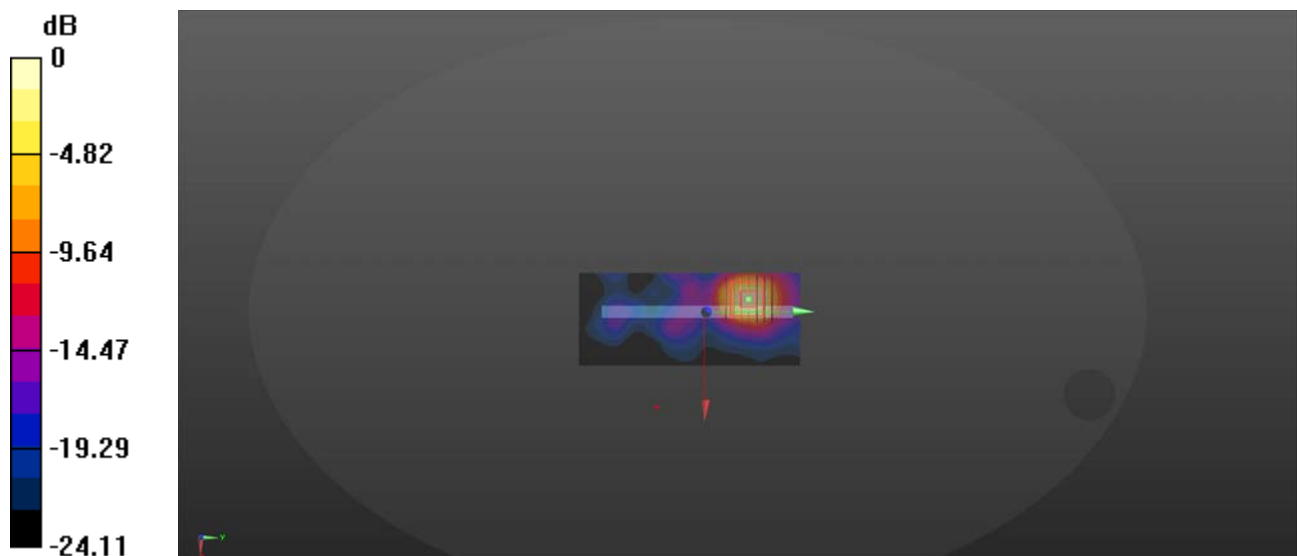
Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.312 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

WLAN 2.4GHz_802.11g 6Mbps_Edge 1_0mm_Ch7

Communication System: UID 0, WLAN 2.4GHz 802.11g (0); Frequency: 2442 MHz; Duty Cycle: 1:1.016
Medium: HSL_2450 Medium parameters used: $f = 2442$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 38.784$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2442 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch7/Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

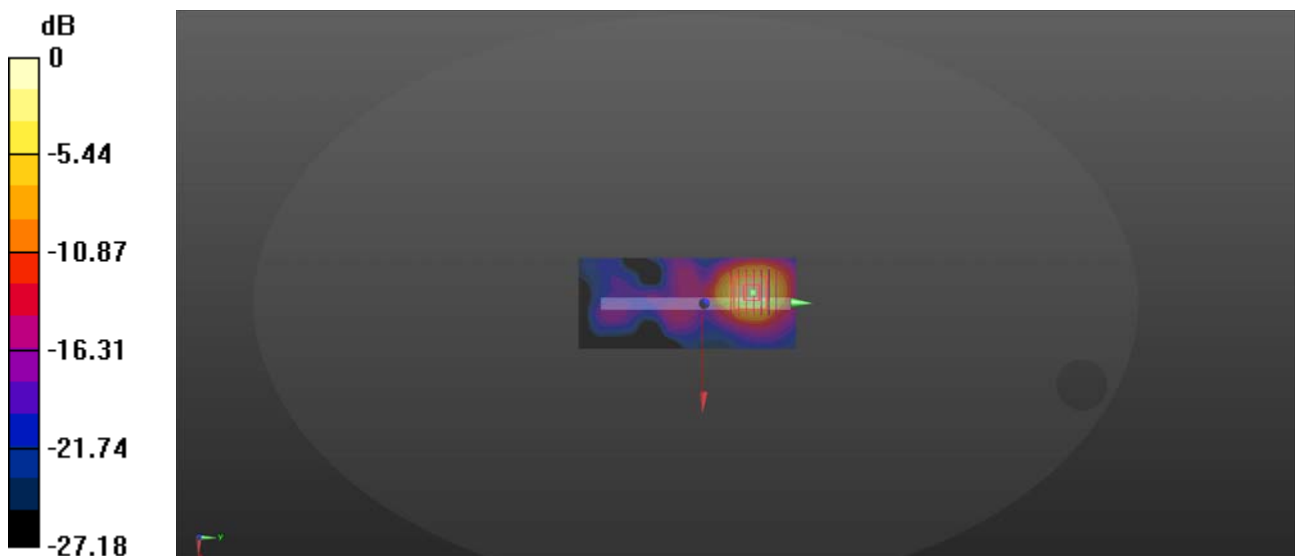
Ch7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.084 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.296 W/kg

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



0 dB = 1.13 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.08.10

WLAN 5.2GHz_802.11a 6Mbps_Edge 1_0mm_Ch36

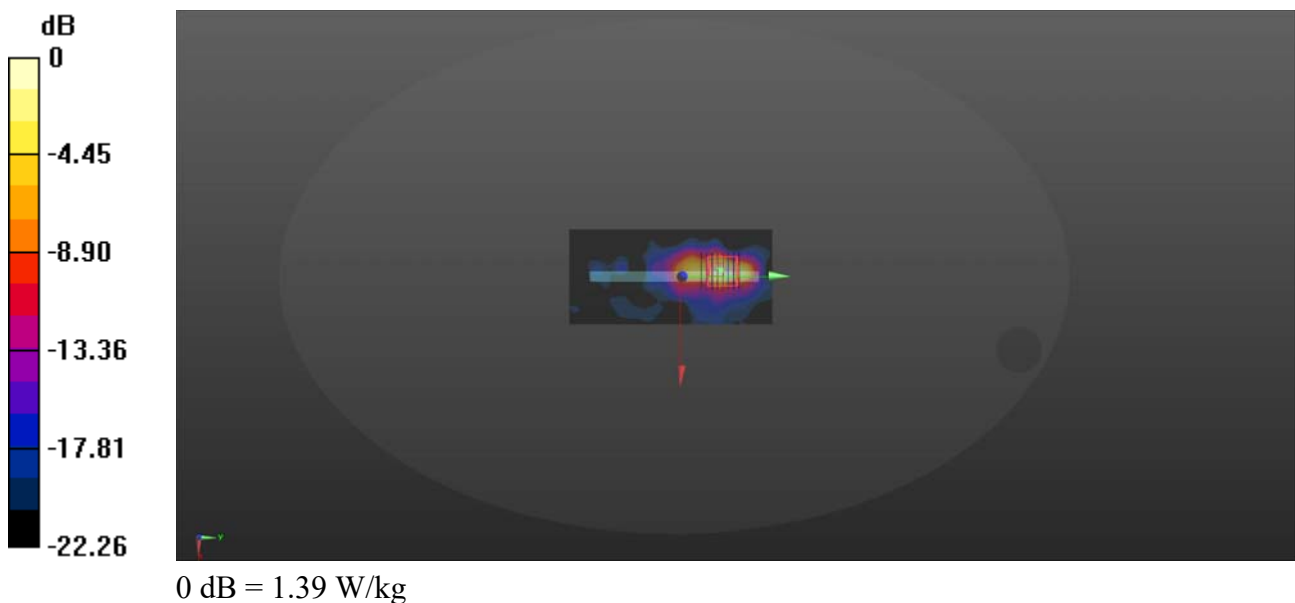
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.019
Medium: HSL_5250 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.73$ S/m; $\epsilon_r = 35.497$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5180 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch36/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Ch36/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.081 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.08.10

WLAN 5.3GHz_802.11a 6Mbps_Edge 1_0mm_Ch60

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1.019

Medium: HSL_5250 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.857$ S/m; $\epsilon_r = 35.218$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5300 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch60/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

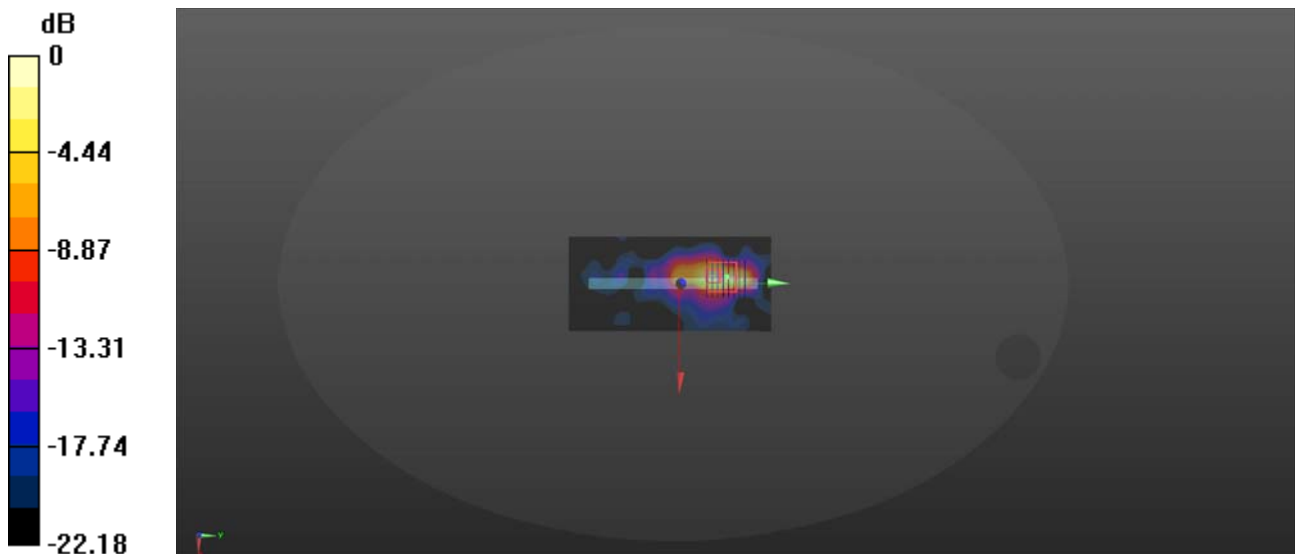
Ch60/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.585 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg

WLAN 5.5GHz_802.11a 6Mbps_Edge 1_0mm_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.019
Medium: HSL_5600 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.069$ S/m; $\epsilon_r = 34.785$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5500 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch100/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

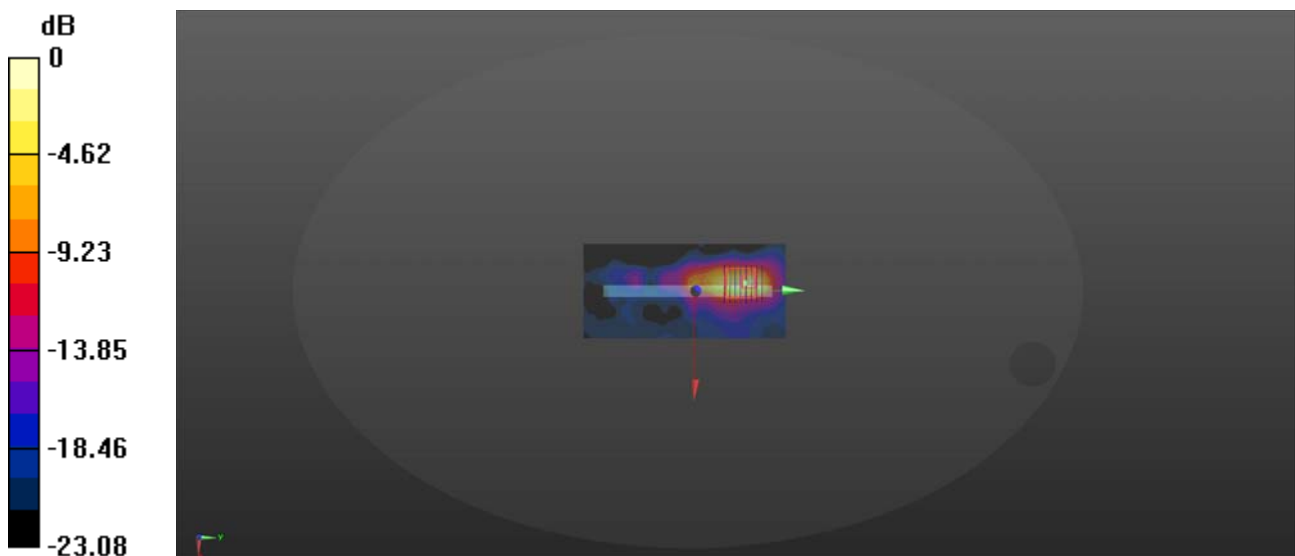
Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.398 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.08.06

WLAN 5.8GHz_802.11a 6Mbps_Edge 1_0mm_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.019
Medium: HSL_5750 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.291$ S/m; $\epsilon_r = 35.168$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.87, 4.87, 4.87) @ 5745 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch149/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

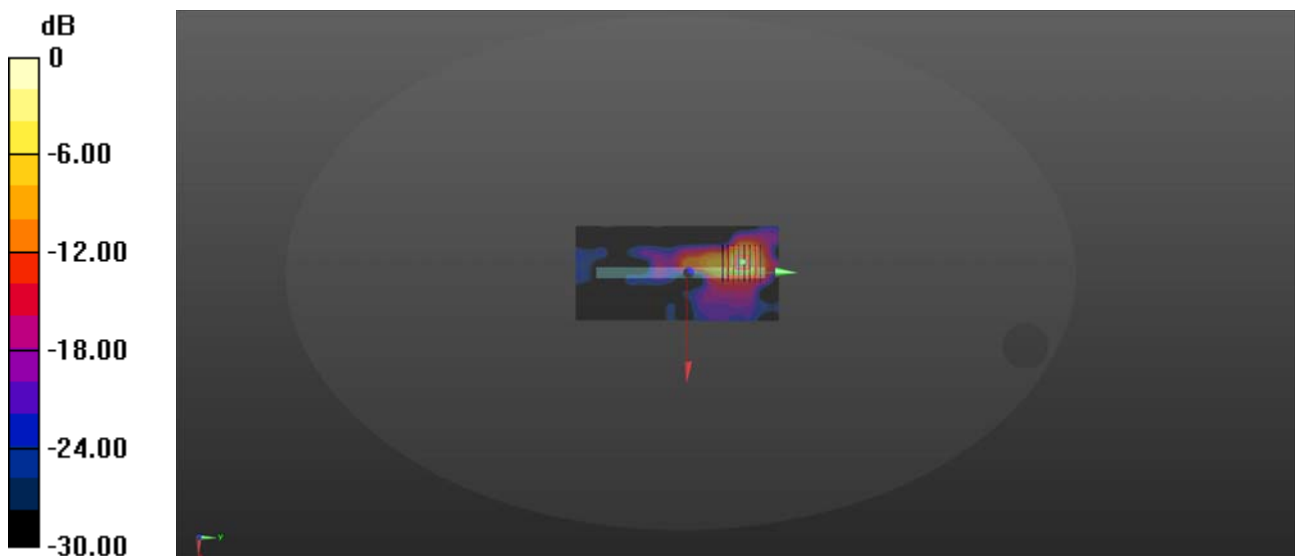
Ch149/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.58 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg

Bluetooth_DH5_Edge 1_0mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.081
Medium: HSL_2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.833$ S/m; $\epsilon_r = 38.63$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2480 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (51x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.264 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 1.06 W/kg

