

#01_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_211127 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 38.882$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.82, 7.82, 7.82) @ 1852.4 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

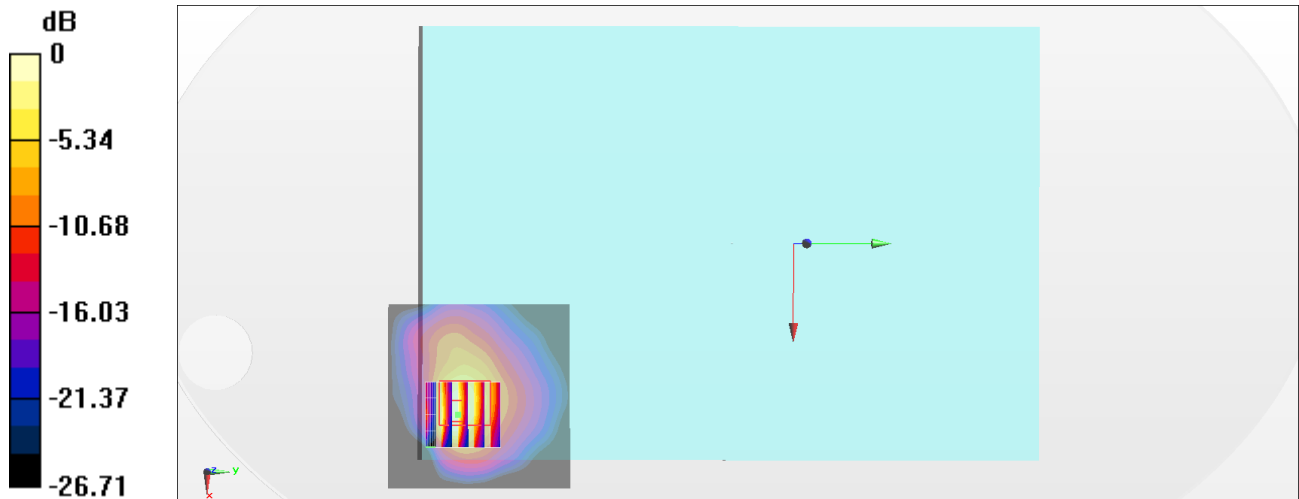
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.43 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Bottom Face_0mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_211127 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 40.225$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(8.09, 8.09, 8.09) @ 1752.6 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.84 W/kg

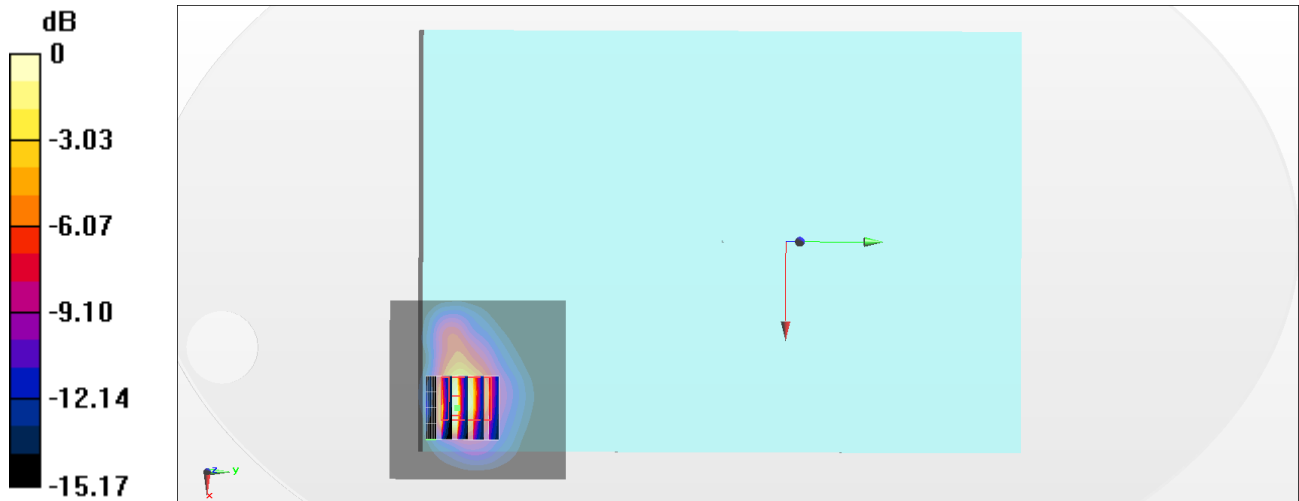
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.67 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.389 W/kg

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



0 dB = 1.39 W/kg = 1.43 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Bottom Face_0mm_Ch4233

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

Medium: HSL_850_211126 Medium parameters used: $f = 847$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 42.399$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(9.54, 9.54, 9.54) @ 846.6 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

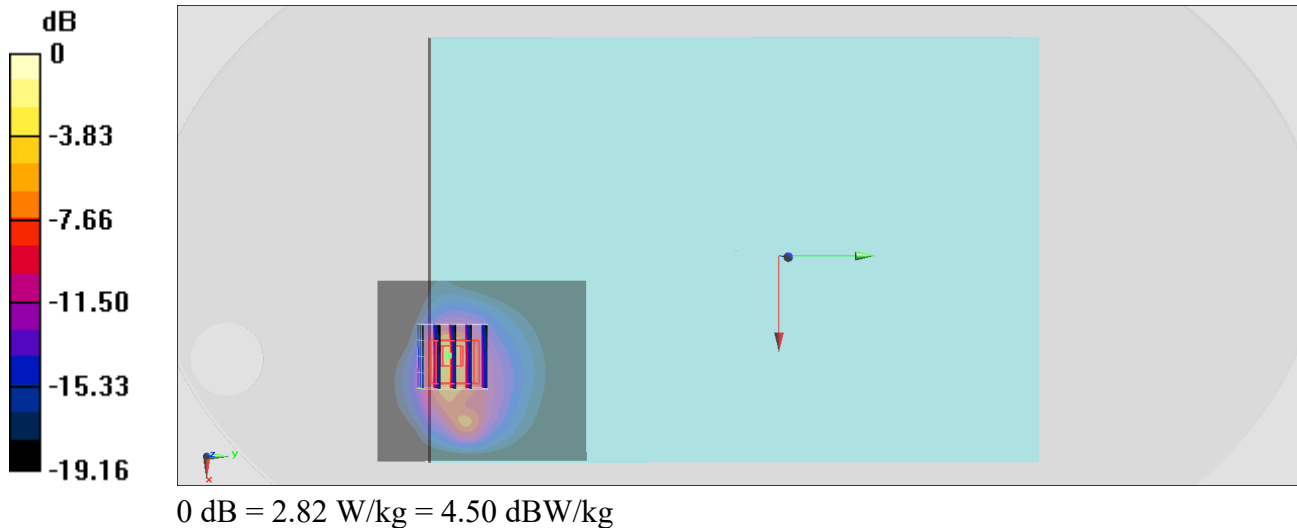
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.20 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 2.82 W/kg



#04_LTE Band 7_20M_QPSK_1_0_Bottom Face_0mm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_211127 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 37.957$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2535 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

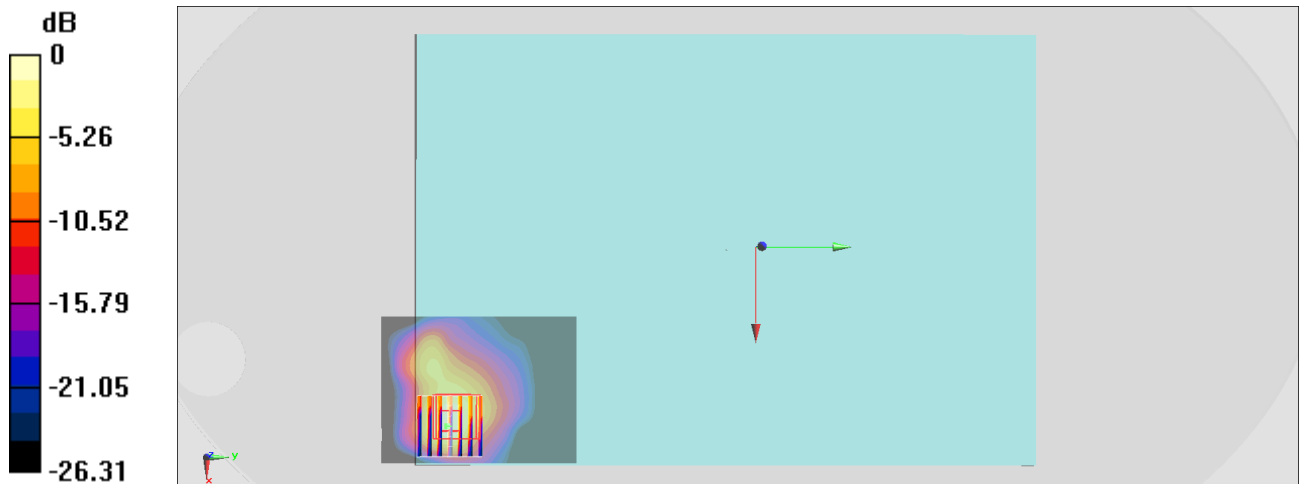
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.88 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.424 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

#05_LTE Band 12_10M_QPSK_1_0_Bottom Face_0mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_211126 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 43.084$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 707.5 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.926 W/kg

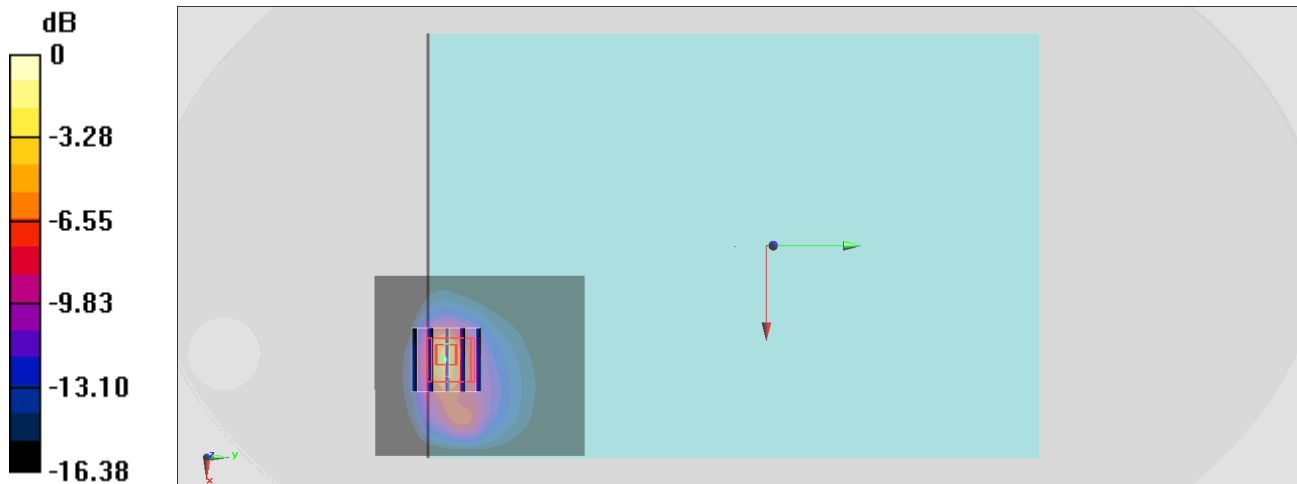
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.73 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.33 W/kg

SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

#06_LTE Band 13_10M_QPSK_1_0_Bottom Face_0mm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_211126 Medium parameters used: $f = 782$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 42.609$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 782 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.816 W/kg

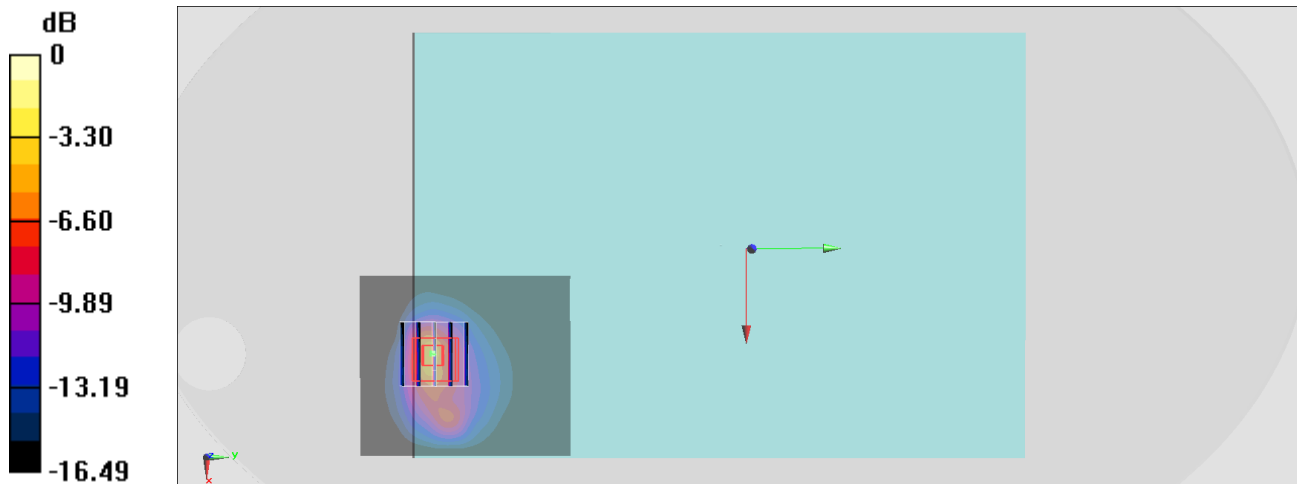
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.217 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.84 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

#07_LTE Band 14_10M_QPSK_1_0_Bottom Face_0mm_Ch23330

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750_211126 Medium parameters used: $f = 793$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.571$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 793 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.913 W/kg

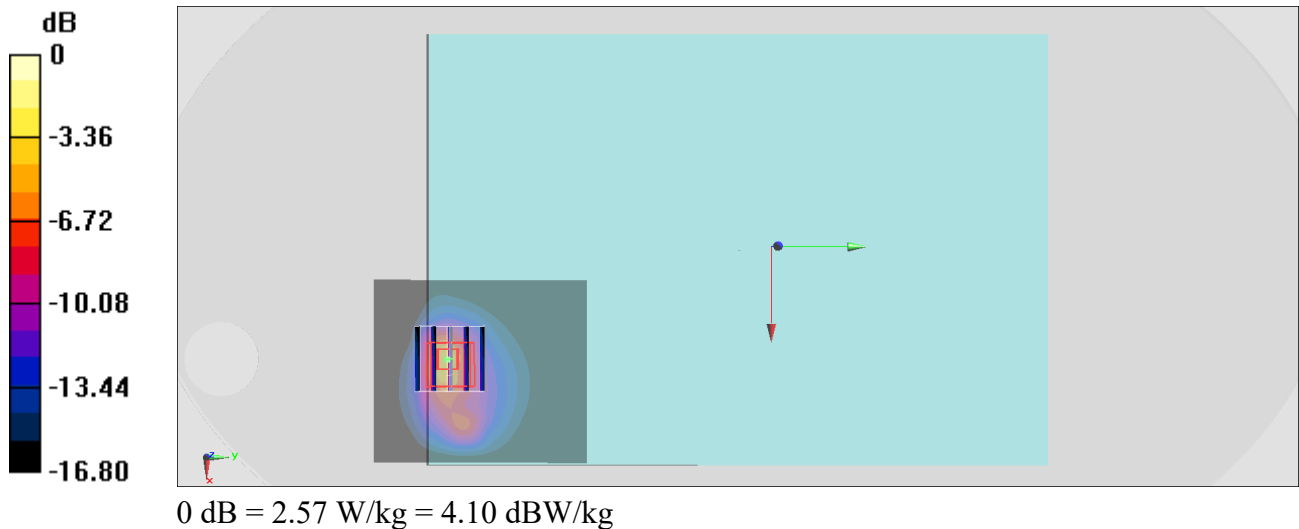
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.62 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.26 W/kg

SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 2.57 W/kg



#08_LTE Band 25_20M_QPSK_1_0_Bottom Face_0mm_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_211127 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 38.866$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.82, 7.82, 7.82) @ 1860 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.09 W/kg

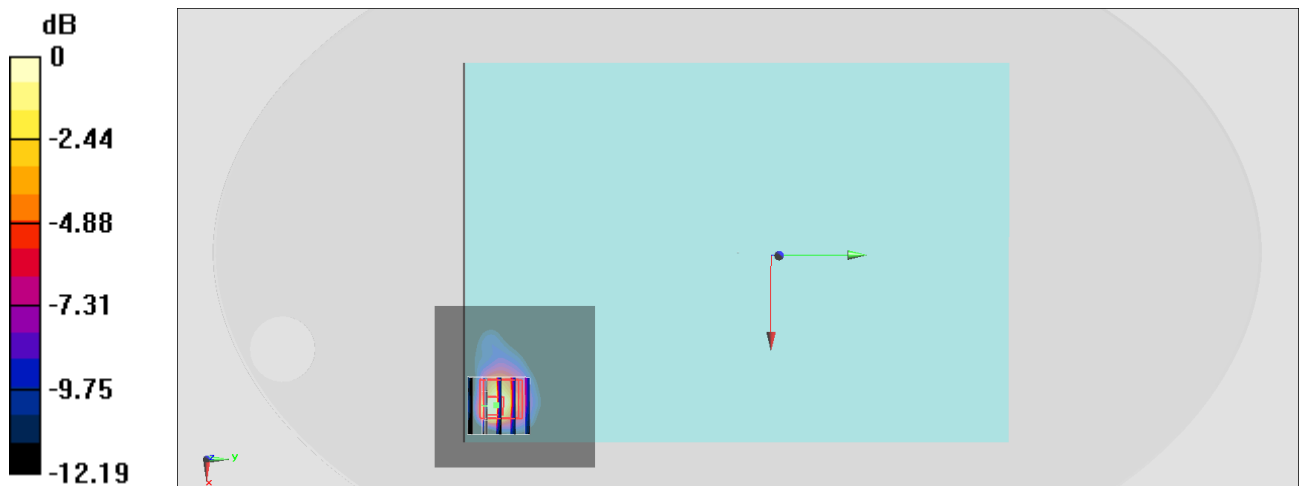
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.20 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.425 W/kg

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



0 dB = 1.43 W/kg = 1.55 dBW/kg

#09_LTE Band 26_15M_QPSK_1_0_Bottom Face_0mm_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_211126 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.505$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(9.54, 9.54, 9.54) @ 831.5 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.896 W/kg

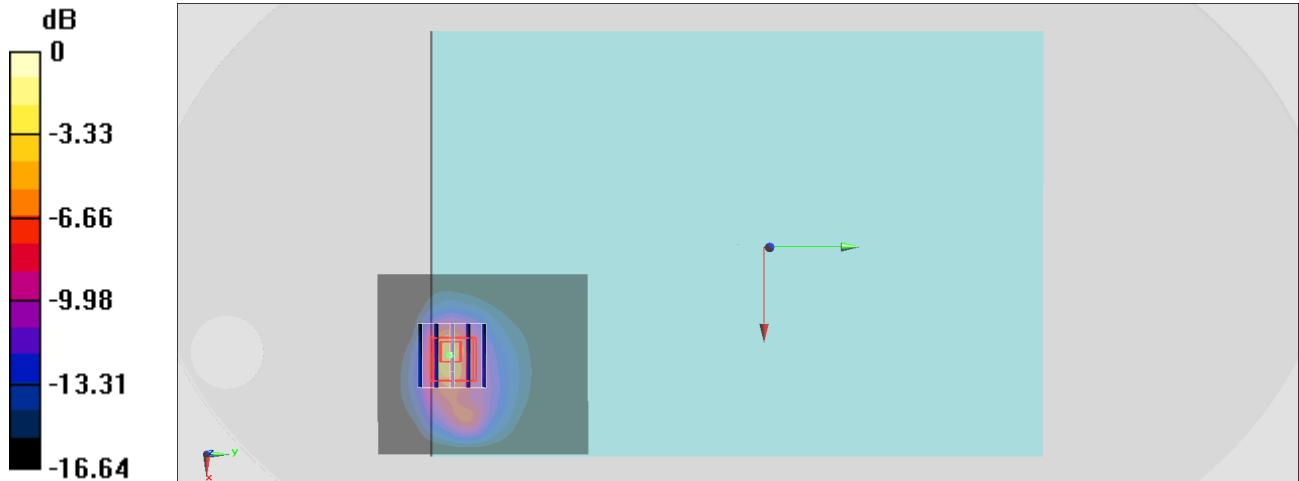
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.31 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.21 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 2.54 W/kg



0 dB = 2.54 W/kg = 4.05 dBW/kg

#10_LTE Band 30_10M_QPSK_1_0_Bottom Face_0mm_Ch27710

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300_20211127 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.627$ S/m; $\epsilon_r = 38.733$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.58, 7.58, 7.58) @ 2310 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

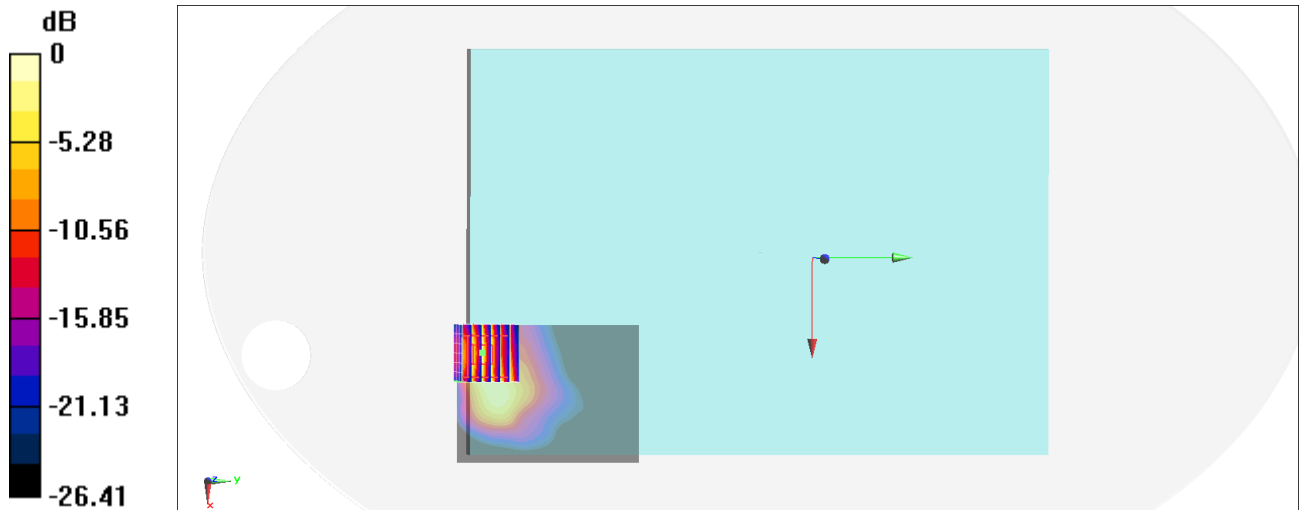
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.35 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.274 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

#11_LTE Band 66_20M_QPSK_1_0_Bottom Face_0mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_211127 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.173$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(8.09, 8.09, 8.09) @ 1770 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.48 W/kg

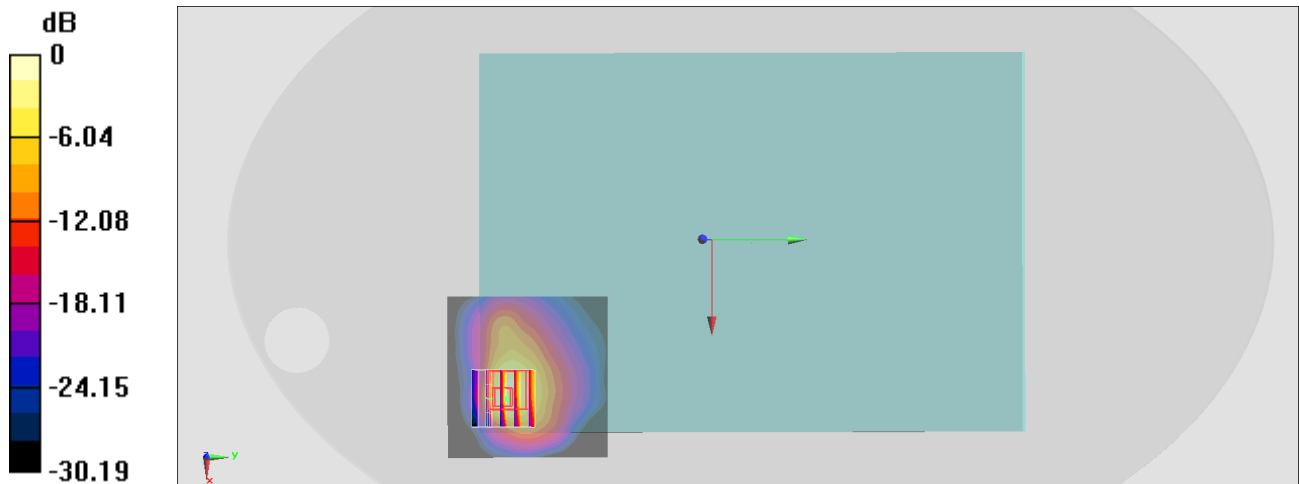
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.87 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.24 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.457 W/kg

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



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

#12_LTE Band 71_20M_QPSK_1_0_Bottom Face_0mm_Ch133322

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL_750_211126 Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.182$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(10.02, 10.02, 10.02) @ 683 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.845 W/kg

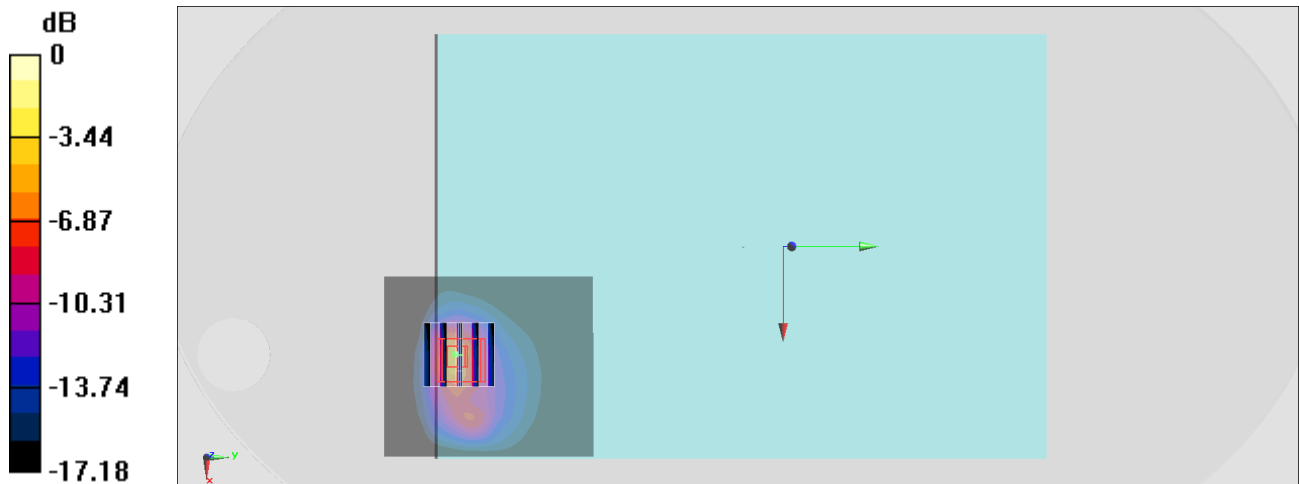
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.33 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.57 W/kg

SAR(1 g) = 0.824 W/kg ; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 2.58 W/kg



0 dB = $2.58 \text{ W/kg} = 4.12 \text{ dBW/kg}$

#13_LTE Band 41_20M_QPSK_1_0_Bottom Face_0mm_Ch41055

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_211127 Medium parameters used: $f = 2636.5$ MHz; $\sigma = 1.987$ S/m; $\epsilon_r = 37.351$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2636.5 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

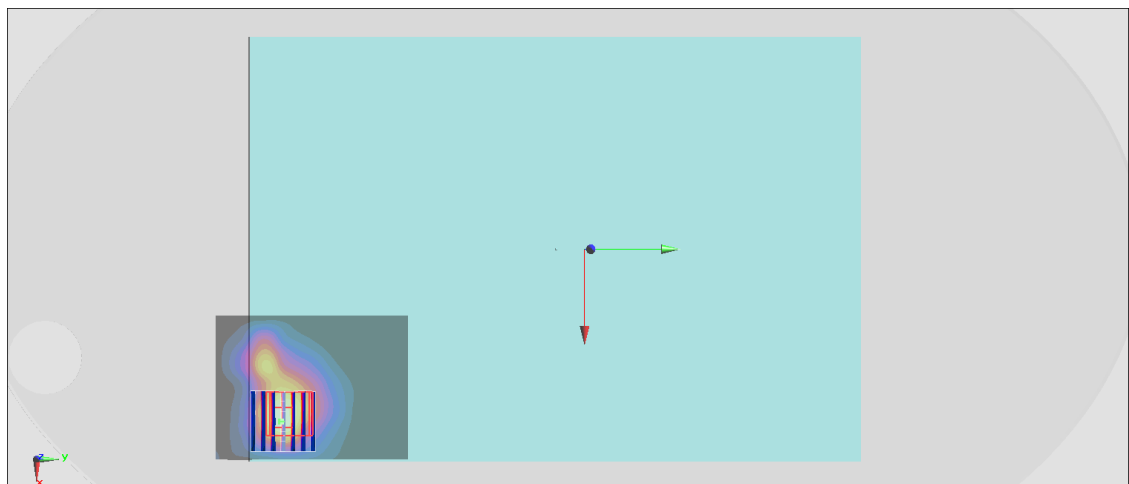
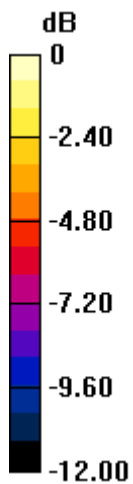
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.78 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.424 W/kg

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



0 dB = 1.43 W/kg = 1.55 dBW/kg

#14_LTE Band 48_20M_QPSK_1_0_Bottom Face_0mm_Ch56640

Communication System: LTE; Frequency: 3690 MHz; Duty Cycle: 1:1.59

Medium: HSL3300-4200_211128 Medium parameters used : $f = 3690$ MHz; $\sigma = 3.188$ S/m; $\epsilon_r = 37.548$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(6.96, 6.96, 6.96) @ 3690 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 20.90 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.07 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 2.62 W/kg

