

#01_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9262

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

Medium: HSL_1900_210618 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 38.922$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(5.1, 5.1, 5.1) @ 1852.4 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.978 W/kg

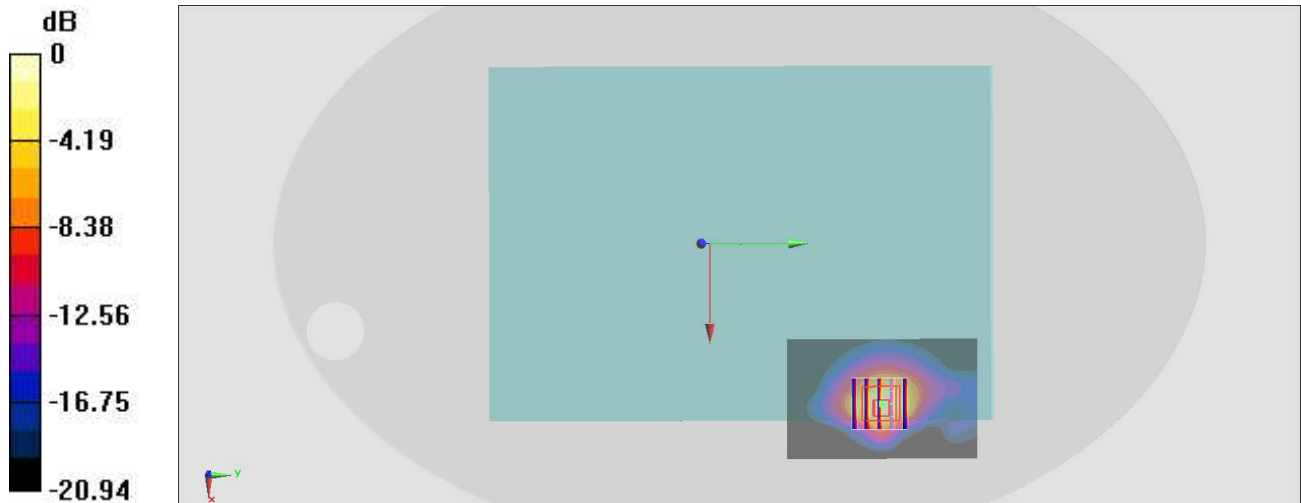
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.11 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 0.868 W/kg



#02_WCDMA IV_RMC 12.2Kbps_Bottom Face_0mm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_210618 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 40.406$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(5.46, 5.46, 5.46) @ 1712.4 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

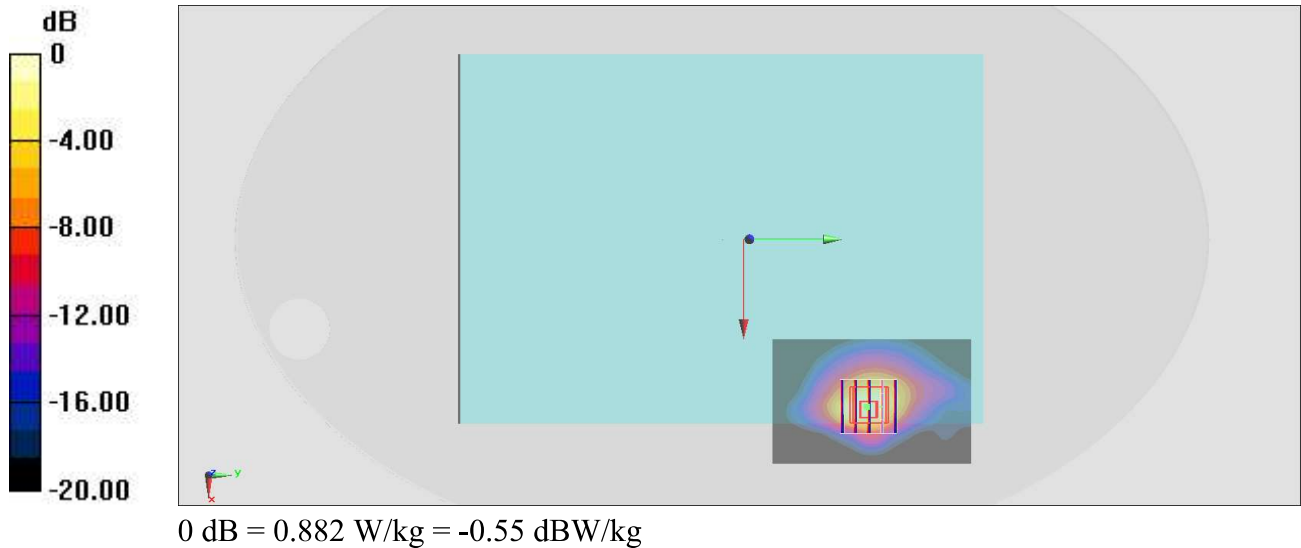
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.02 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.882 W/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_210618 Medium parameters used: $f = 847$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 40.469$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09) @ 846.6 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

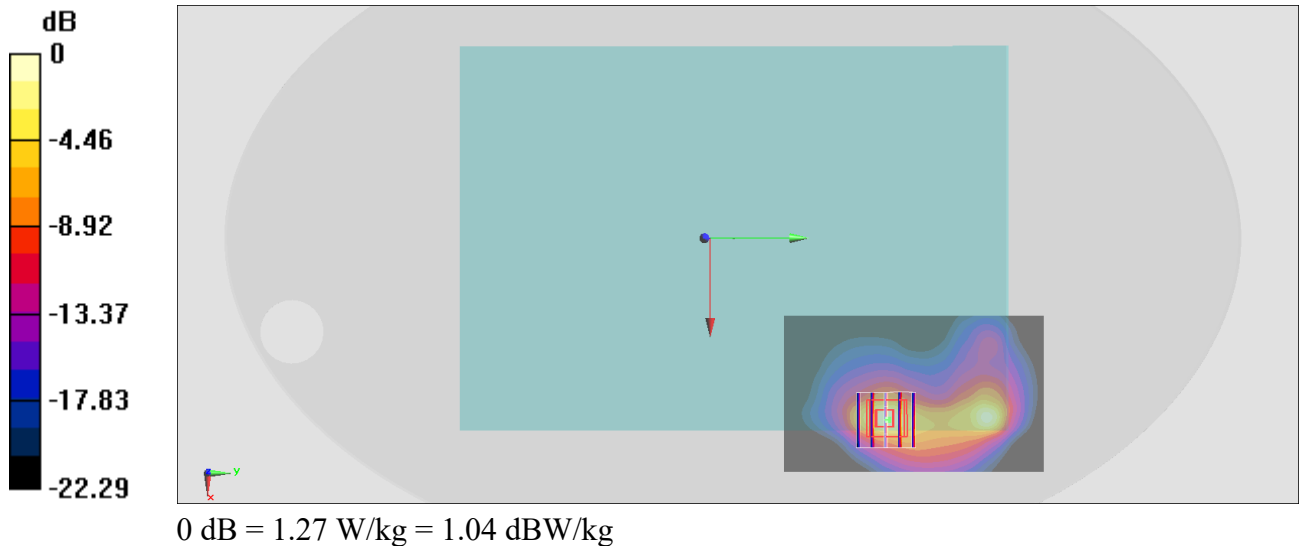
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.26 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



#04 _LTE Band 5_10M_QPSK_1_0_Edge 2_0mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_210618 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 40.548$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09) @ 836.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.626 W/kg

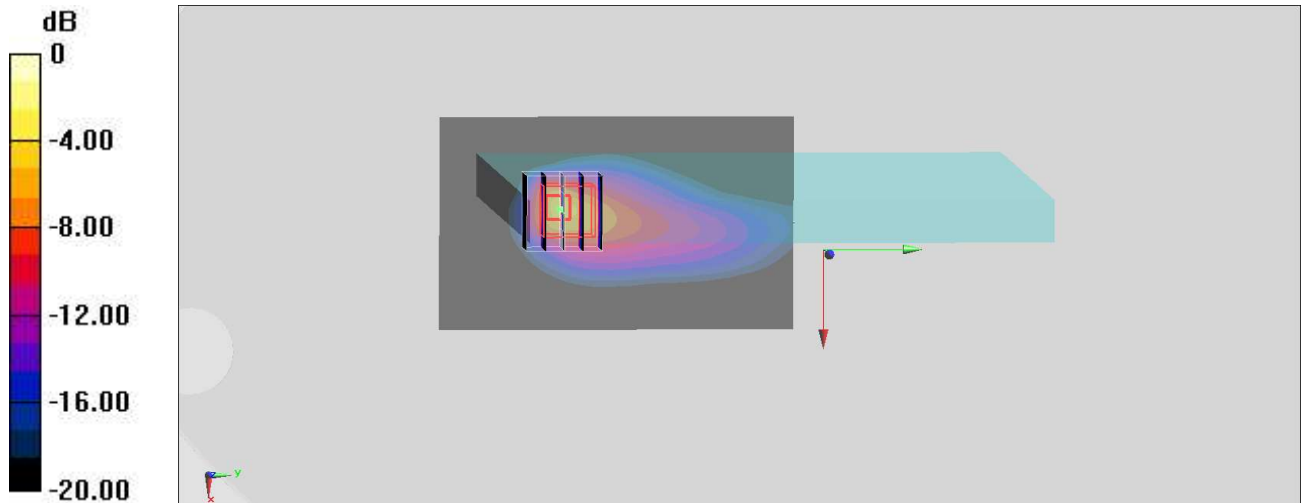
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.92 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.91 W/kg

SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.202 W/kg

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



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

#05_LTE Band 7_20M_QPSK_1_0_Bottom Face_0mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600_210619 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.936$ S/m; $\epsilon_r = 38.352$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(4.47, 4.47, 4.47) @ 2560 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

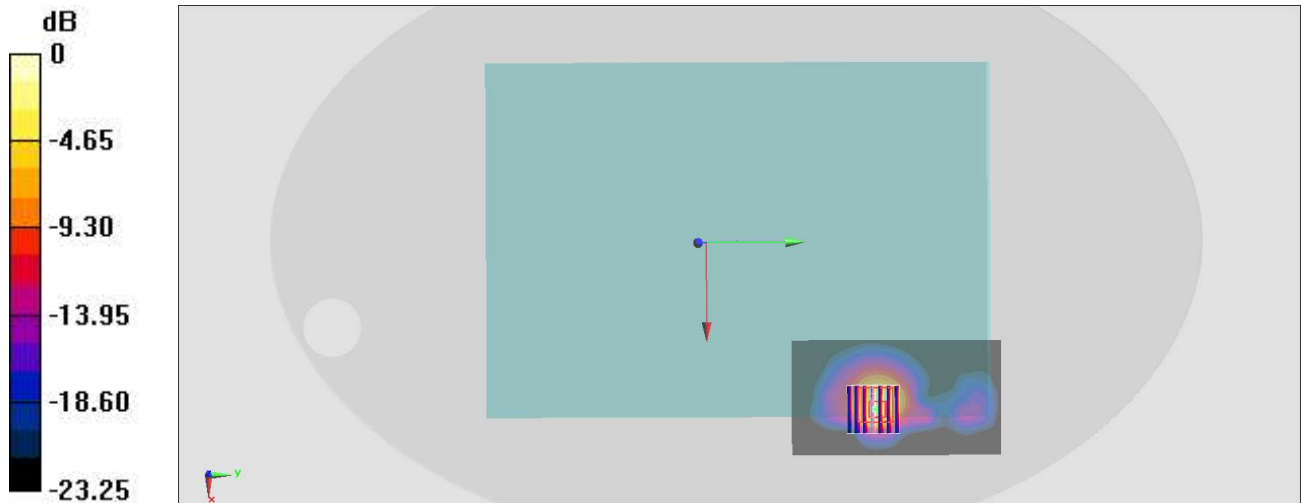
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.67 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

#06_LTE Band 12_10M_QPSK_1_0_Edge 2_0mm_Ch23095

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

Medium: HSL_750_210618 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 41.154$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 707.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.740 W/kg

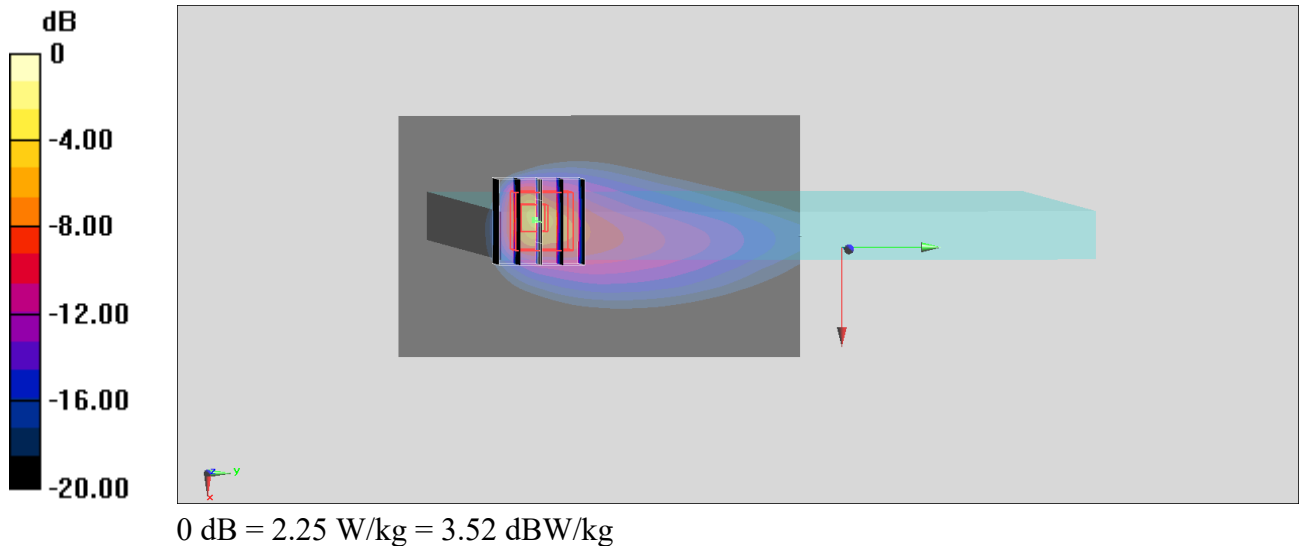
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.88 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.82 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 2.25 W/kg



07_LTE Band 13_10M_QPSK_1_0_Bottom Face_0mm_Ch23230

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

Medium: HSL_750_210618 Medium parameters used: $f = 782$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 40.679$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 782 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.81 W/kg

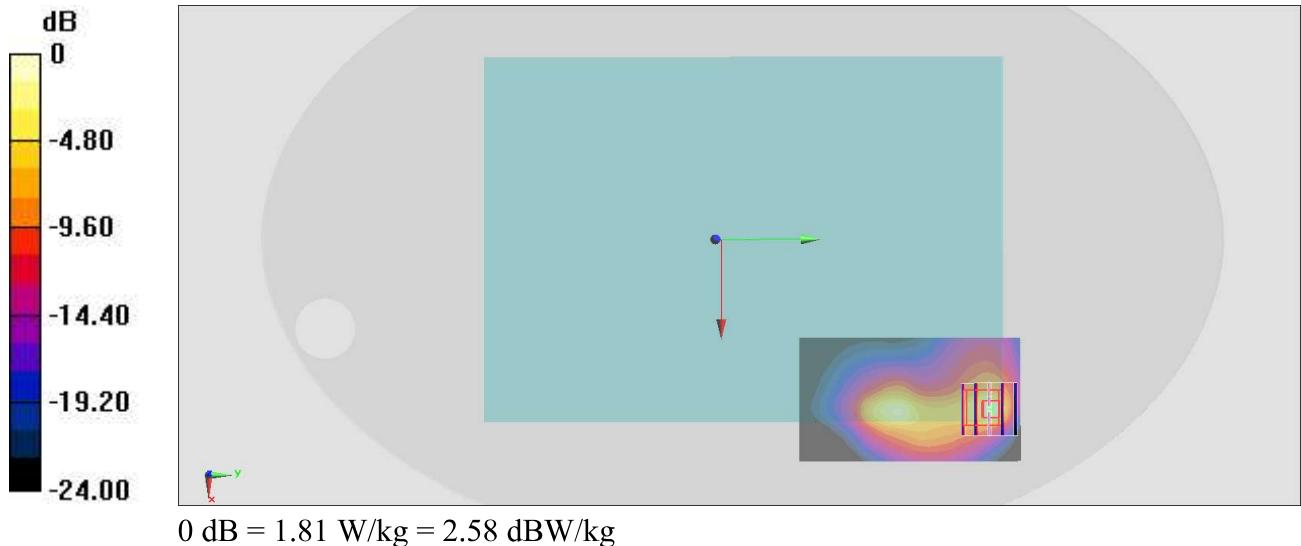
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.91 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.305 W/kg

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



#08_LTE Band 14_10M_QPSK_1_0_Edge 2_0mm_Ch23330

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

Medium: HSL_750_210618 Medium parameters used: $f = 793$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 40.641$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36) @ 793 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.675 W/kg

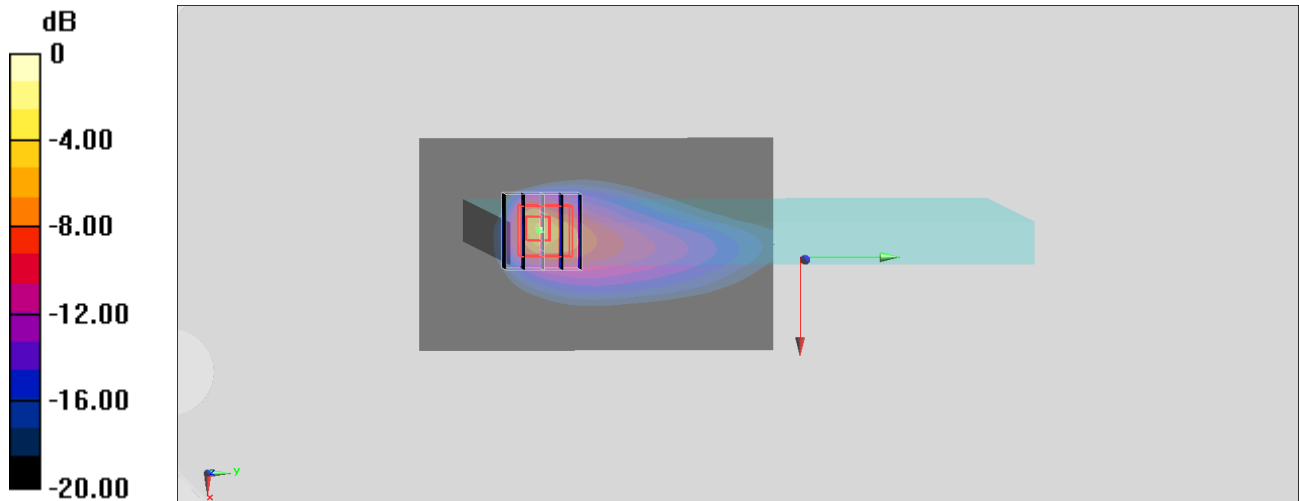
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.89 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.78 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 dBW/kg

#09_LTE Band 25_20M_QPSK_1_0_Bottom Face_0mm_Ch26140

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

Medium: HSL_1900_210618 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 38.906$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(5.1, 5.1, 5.1) @ 1860 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

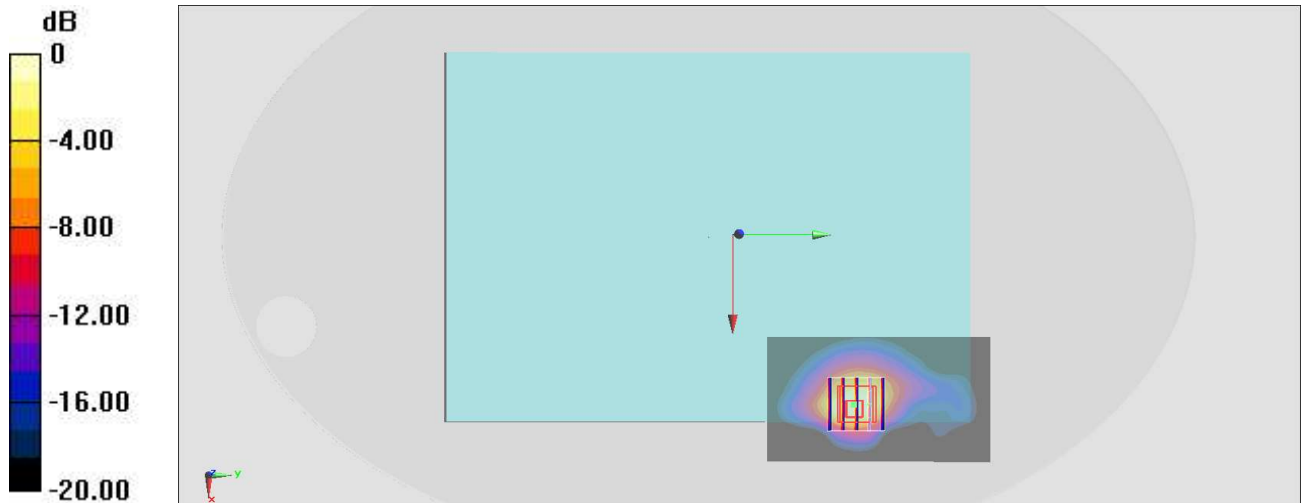
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 0.994 W/kg



0 dB = 0.994 W/kg = -0.03 dBW/kg

#10_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_210618 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 40.575$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09) @ 831.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

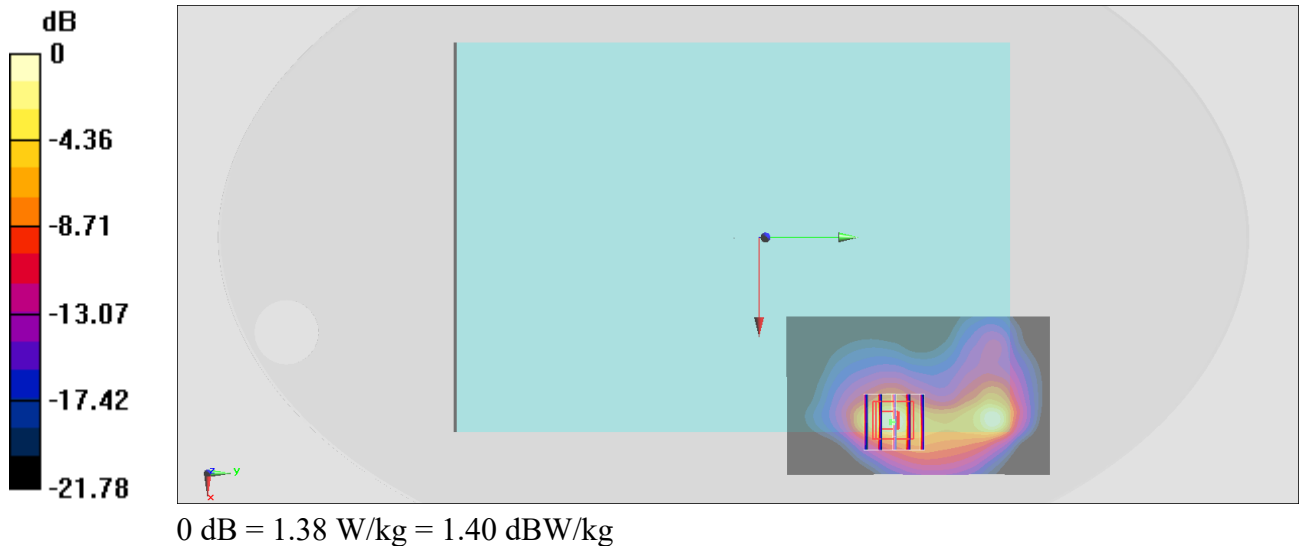
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.33 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.343 W/kg

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



#11_LTE Band 30_10M_QPSK_1_0_Bottom Face_0mm_Ch27710

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

Medium: HSL_2300_210619 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.651$ S/m; $\epsilon_r = 39.334$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(4.82, 4.82, 4.82) @ 2310 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

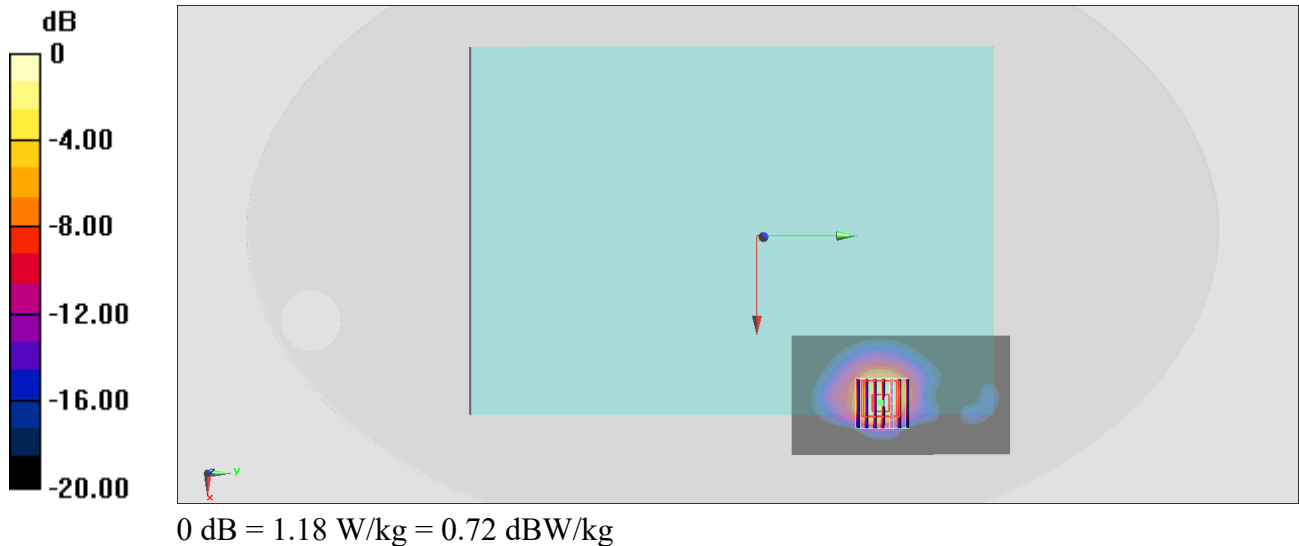
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.10 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.379 W/kg

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



#12 _LTE Band 66_20M_QPSK_1_0_Bottom Face_0mm_Ch132572

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

Medium: HSL_1750_210618 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(5.46, 5.46, 5.46) @ 1770 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

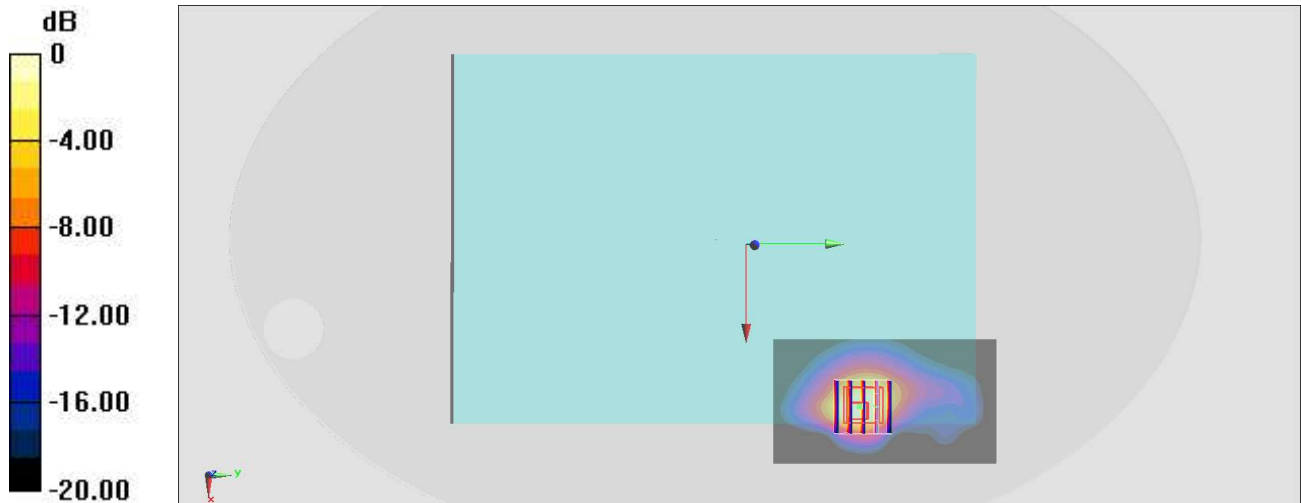
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.65 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

#13_LTE Band 38_20M_QPSK_1_0_Bottom Face_0mm_Ch38000

Communication System: LTE; Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_210619 Medium parameters used: $f = 2595$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 38.206$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(4.47, 4.47, 4.47) @ 2595 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

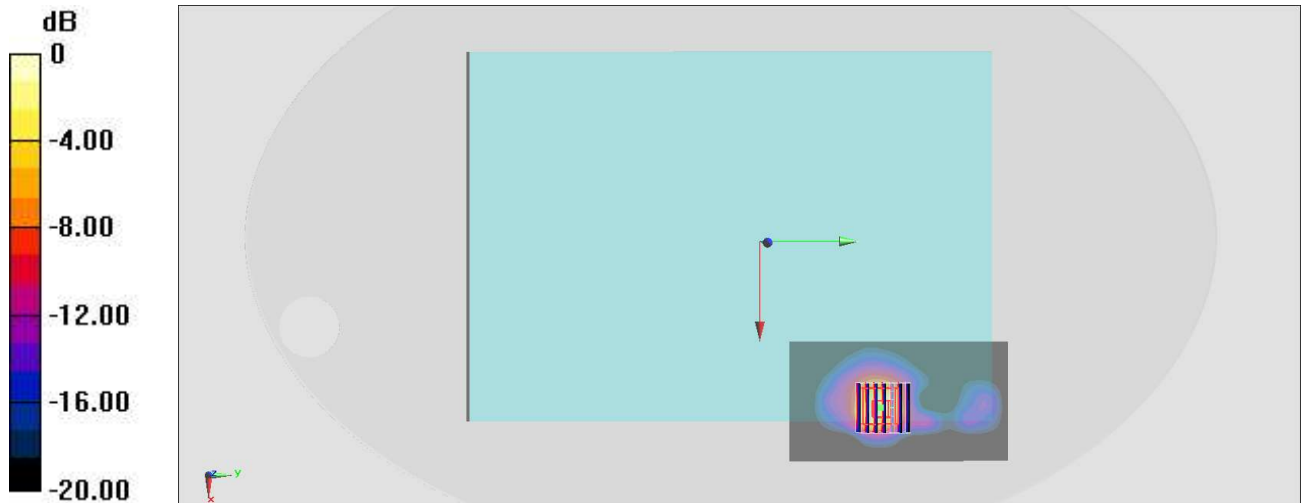
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.93 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.314 W/kg

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



0 dB = 1.09 W/kg = 0.37 dBW/kg

#14_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_210619 Medium parameters used: $f = 2636.5$ MHz; $\sigma = 2.025$ S/m; $\epsilon_r = 38.041$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3124; ConvF(4.47, 4.47, 4.47) @ 2636.5 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- 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 (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

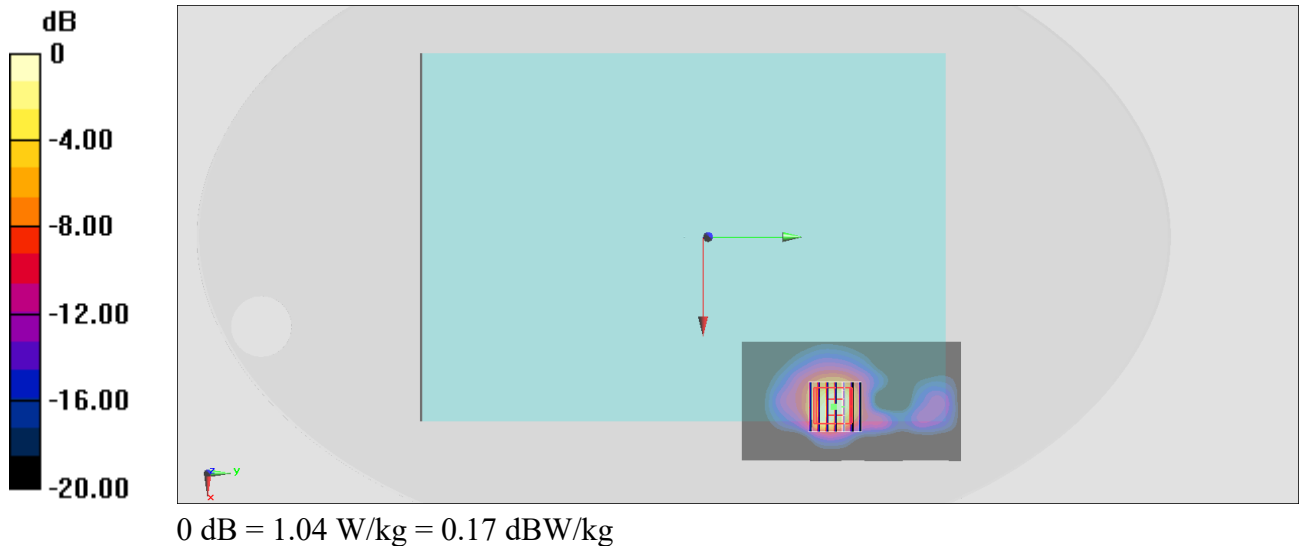
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.78 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#15_LTE Band 48_20M_QPSK_1_0_Bottom Face_0mm_Ch55340

Communication System: LTE; Frequency: 3560 MHz; Duty Cycle: 1:1.59

Medium: HSL_3300-4200_210619 Medium parameters used: $f = 3560$ MHz; $\sigma = 3.006$ S/m; $\epsilon_r = 37.528$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3642; ConvF(6.8, 6.8, 6.8) @ 3560 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.56 W/kg

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

Reference Value = 14.42 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 2.56 W/kg

