

#01_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9400

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

Medium: HSL_1900_201008 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 39.91$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.74, 4.74, 4.74) @ 1880 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

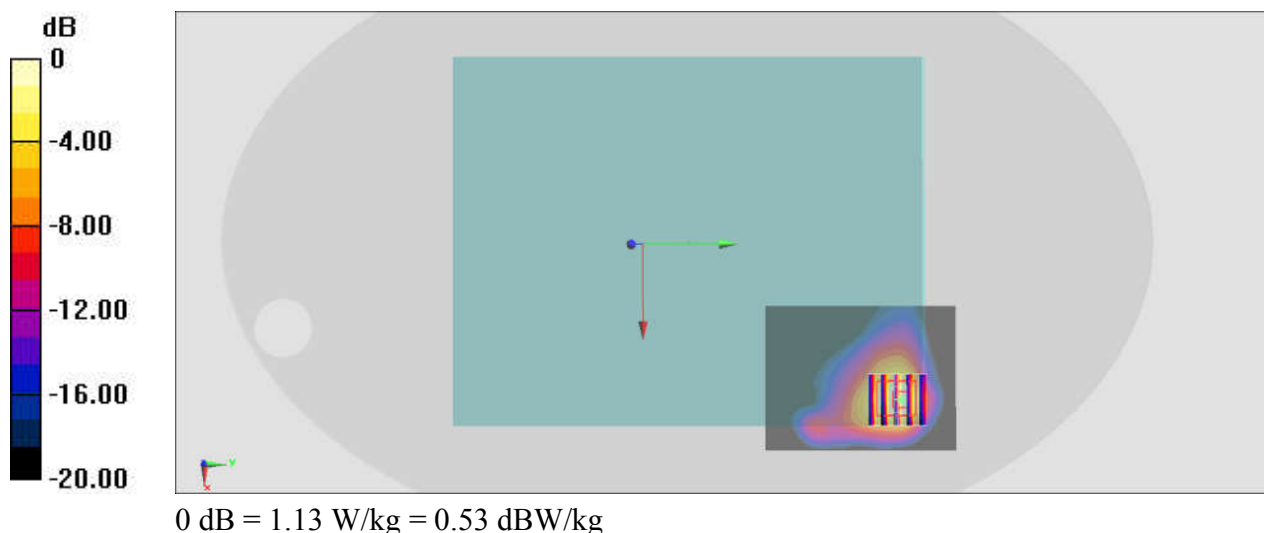
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.42 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.446 W/kg

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



#02_WCDMA IV_RMC 12.2Kbps_Bottom of Laptop_0mm_Ch1312

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

Medium: HSL_1750_201010 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.357$ S/m; $\epsilon_r = 41.567$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.94, 8.94, 8.94) @ 1712.4 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

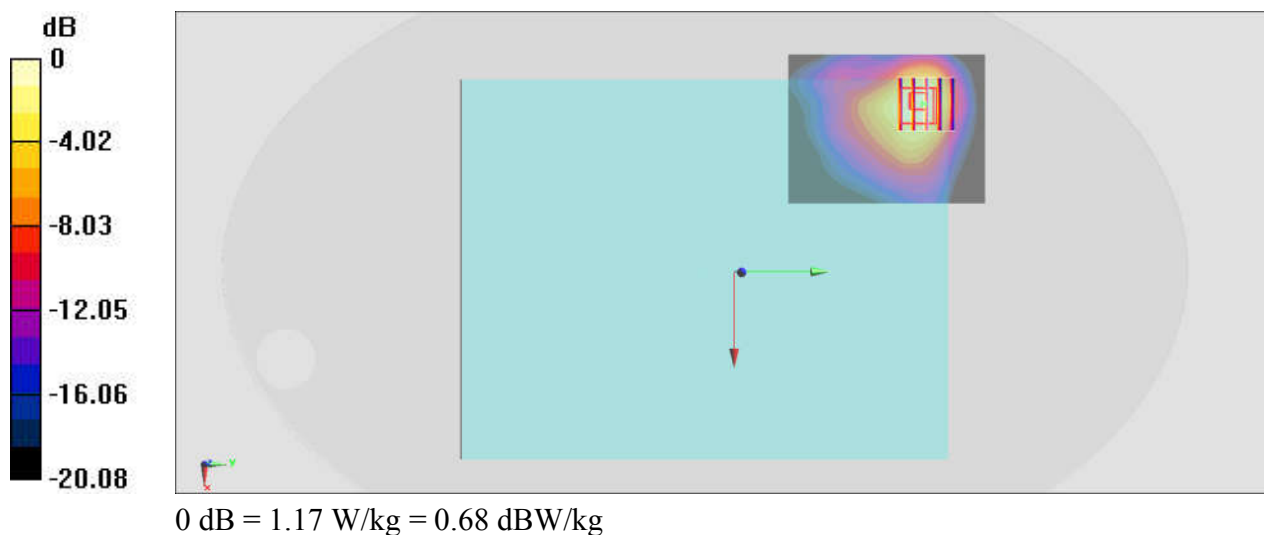
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.71 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.500 W/kg

Maximum value of SAR (measured) = 1.17 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_201014 Medium parameters used: $f = 847$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 43.308$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 846.6 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: ELI v4.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

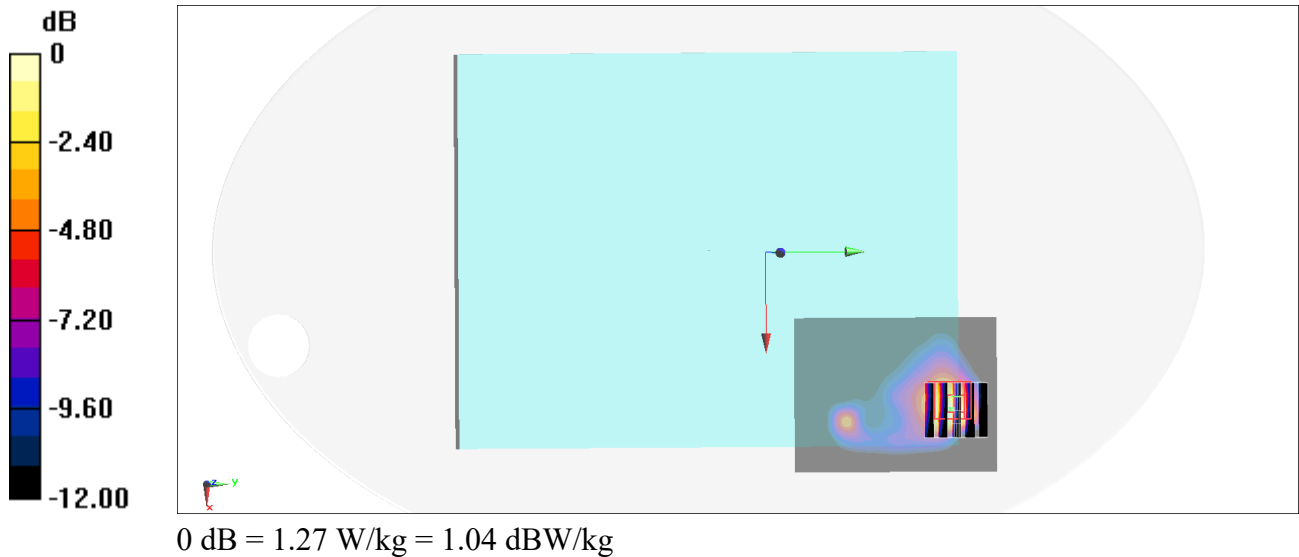
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.272 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.401 W/kg

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



#04_LTE Band 2_20M_QPSK_1_0_Bottom Face_0mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_201008 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.457$ S/m; $\epsilon_r = 39.815$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.74, 4.74, 4.74) @ 1900 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.52 W/kg

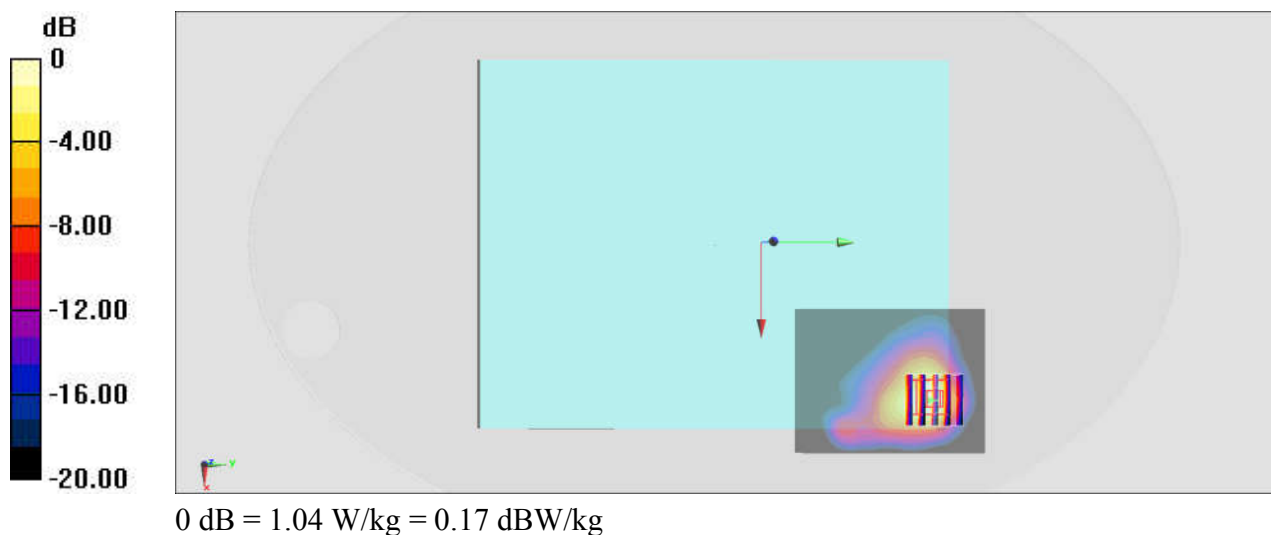
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.49 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.403 W/kg

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



#05_LTE Band 7_20M_QPSK_1_0_Bottom Face_0mm_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: HSL_2600_201014 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 37.865$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2) @ 2510 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

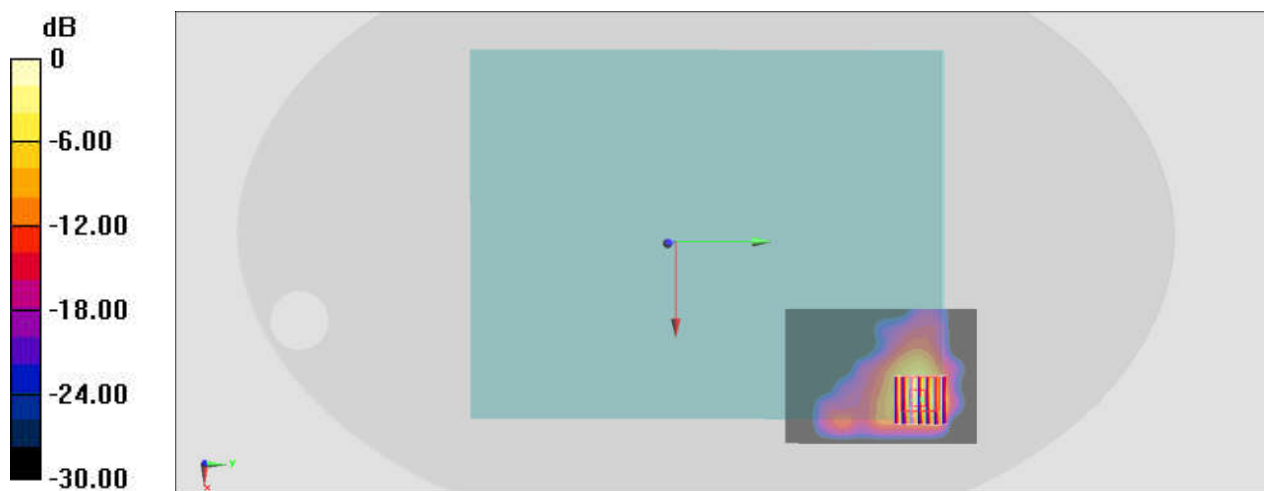
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.31 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.317 W/kg

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



#06_LTE Band 12_10M_QPSK_25_12_Bottom Face_0mm_Ch23095

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

Medium: HSL_750_201013 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 41.573$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.9, 5.9, 5.9) @ 707.5 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1164
- 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) = 1.04 W/kg

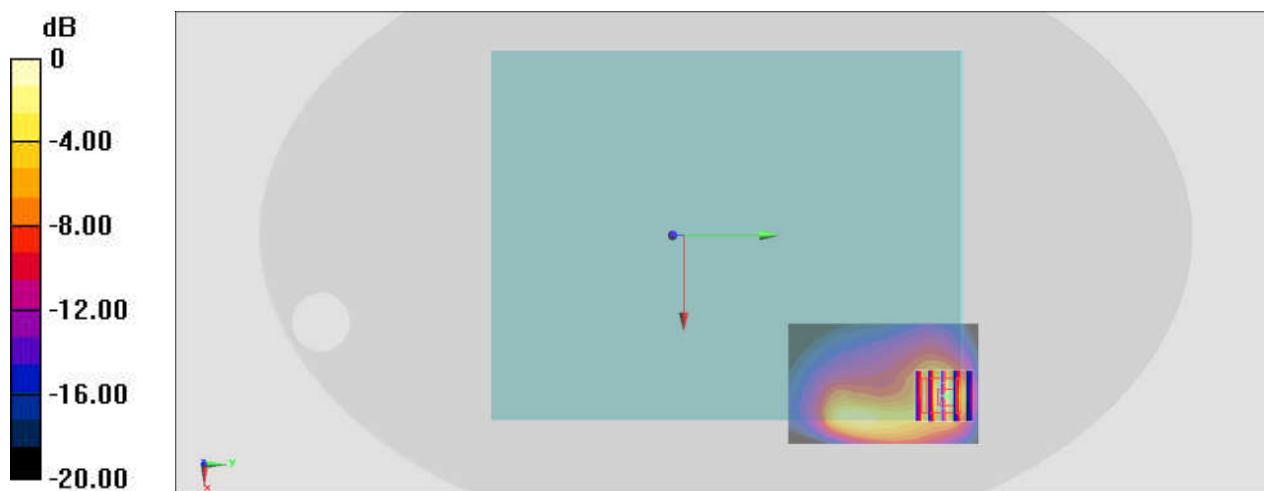
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 34.49 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg = -0.13 dBW/kg

#07_LTE Band 13_10M_QPSK_25_0_Bottom Face_0mm_Ch23230

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

Medium: HSL_750_201013 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 41.309$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.9, 5.9, 5.9) @ 782 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

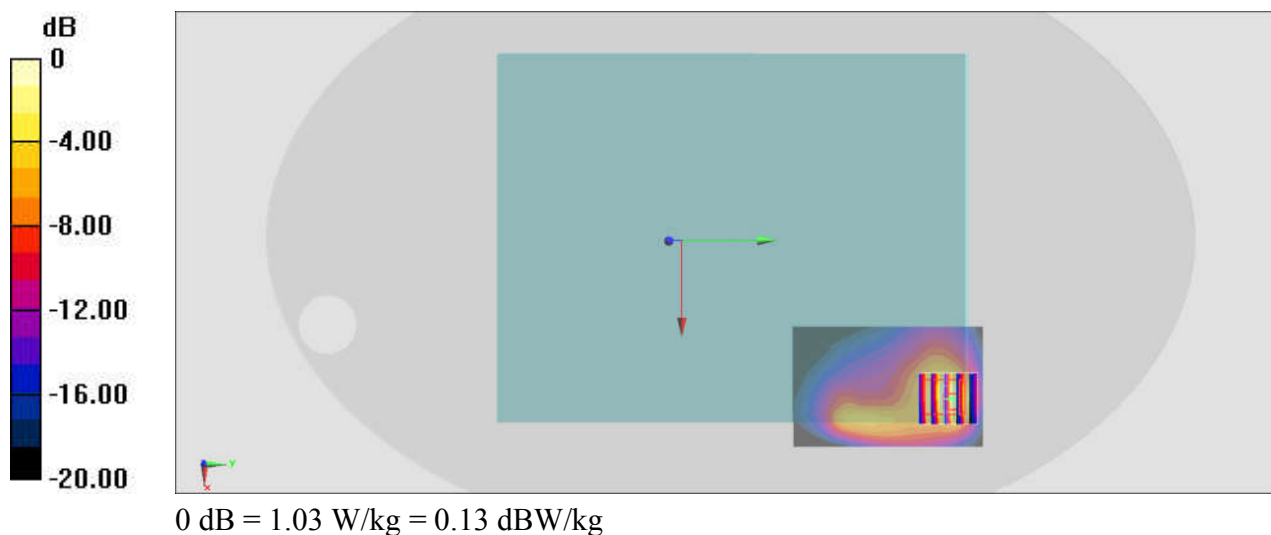
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.35 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 0.841 W/kg ; SAR(10 g) = 0.366 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



#08_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_201012 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.989$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.77, 5.77, 5.77) @ 831.5 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1164
- 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) = 1.08 W/kg

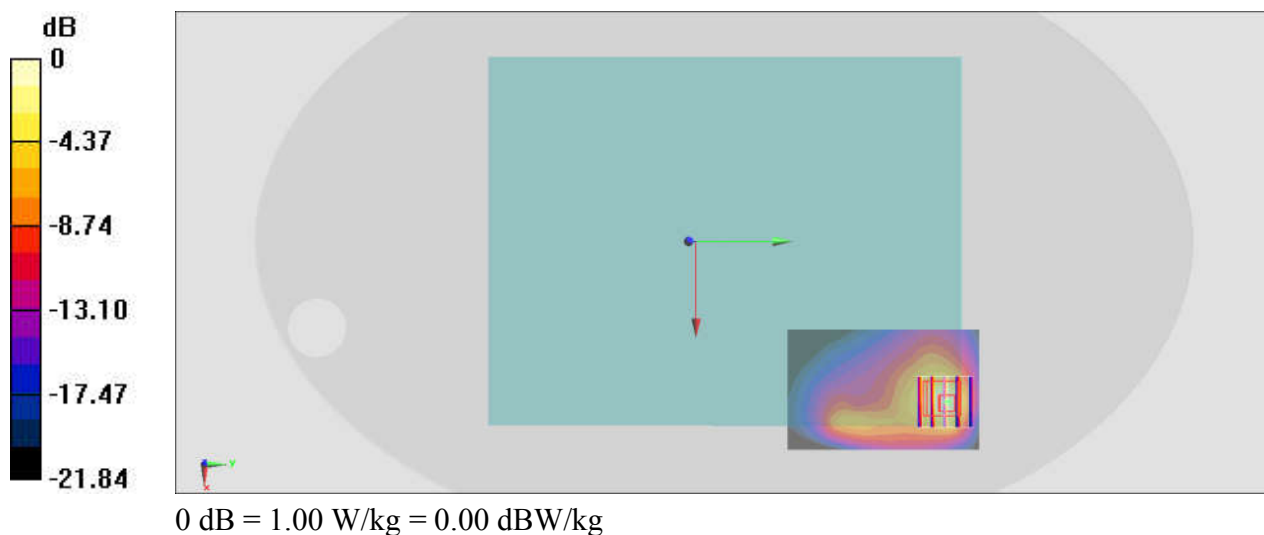
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 34.95 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



#09_LTE Band 30_10M_QPSK_50_0_Bottom Face_0mm_Ch27710

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

Medium: HSL_2300_201014 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.641$ S/m; $\epsilon_r = 38.756$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.53, 4.53, 4.53) @ 2310 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

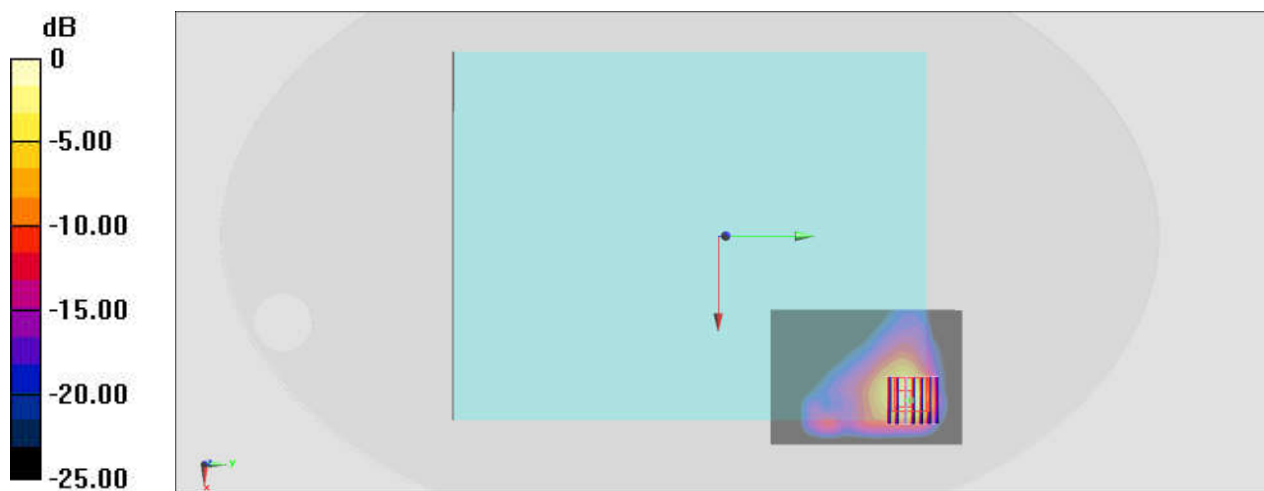
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.81 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.299 W/kg

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



0 dB = 1.25 W/kg = 0.97 dBW/kg

#10_LTE Band 66_20M_QPSK_1_0_Bottom of Laptop_0mm_Ch132072

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750_201010 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 41.531$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.94, 8.94, 8.94) @ 1720 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

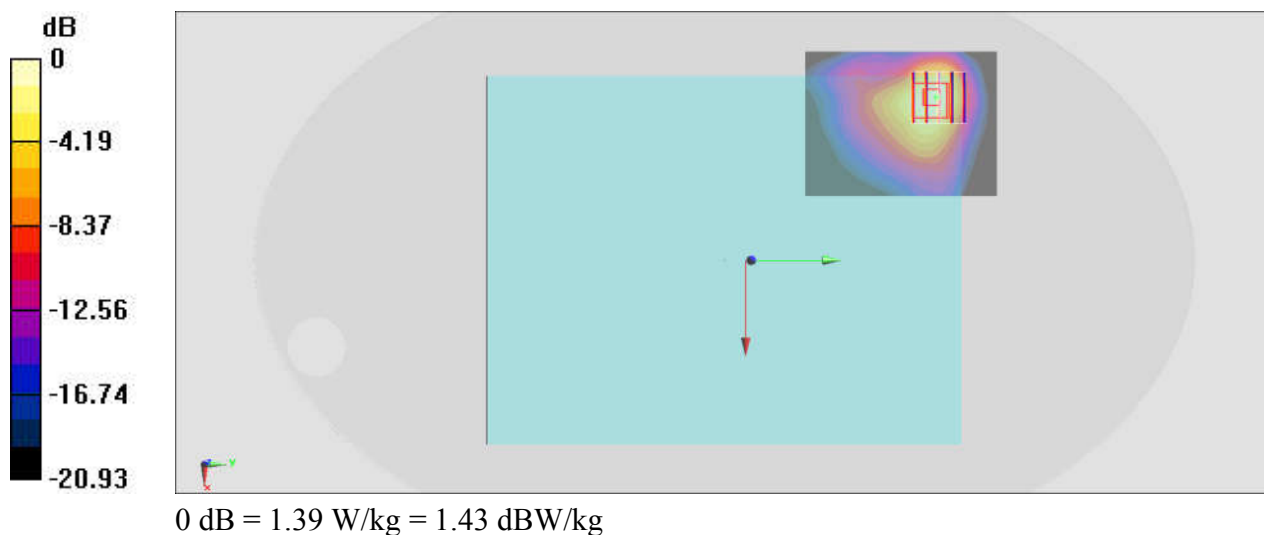
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.63 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.466 W/kg

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



#11_LTE Band 41_20M_QPSK_50_50_Bottom Face_0mm_Ch39750

Communication System: LTE ; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_201009 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 39.137$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2) @ 2506 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

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

Reference Value = 27.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.339 W/kg

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

