

#01_LTE Band 4_20M_QPSK_1_0_Bottom Face_0mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_191122 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 41.045$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1732.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

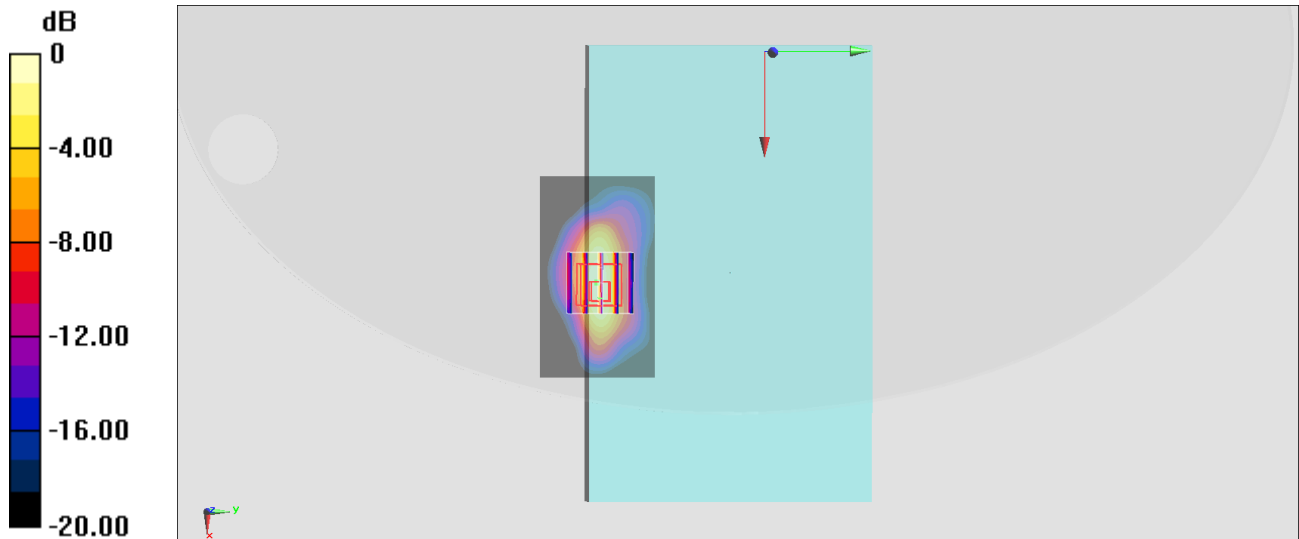
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.02 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.475 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



#02_LTE Band 7_20M_QPSK_50_0_Bottom Face_0mm_Ch20850

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

Medium: HSL_2600_191219 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 38.692$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.94, 6.94, 6.94) @ 2510 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (91x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

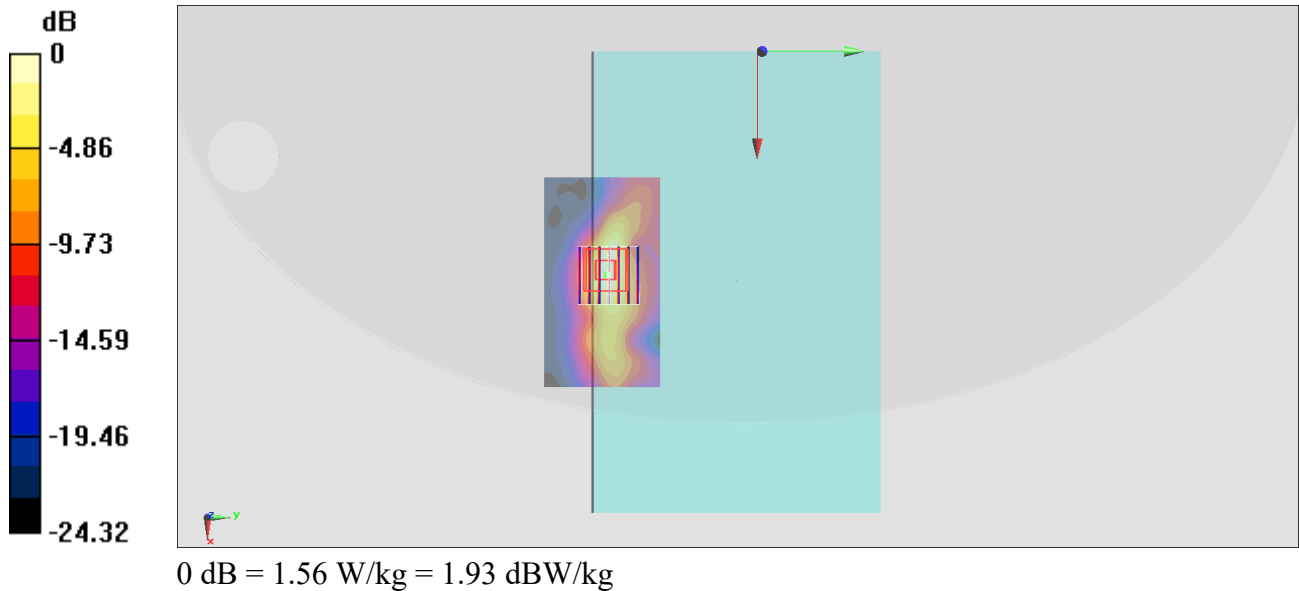
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.14 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.394 W/kg

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



#03_LTE Band 12_10M_QPSK_1_0_Edge 1_0mm_Ch23095

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

Medium: HSL_750_191123 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.065$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 707.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (41x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.505 W/kg

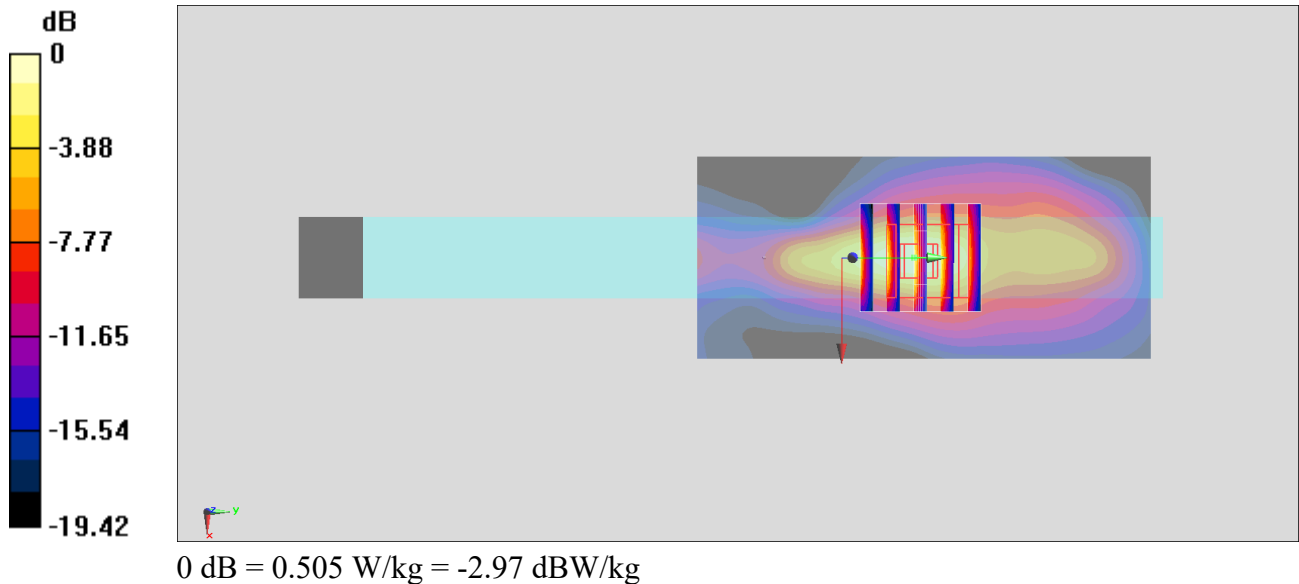
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.33 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.552 W/kg



#04_LTE Band 13_10M_QPSK_1_0_Edge 1_0mm_Ch23230

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

Medium: HSL_750_191123 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 42.065$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 782 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (41x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.508 W/kg

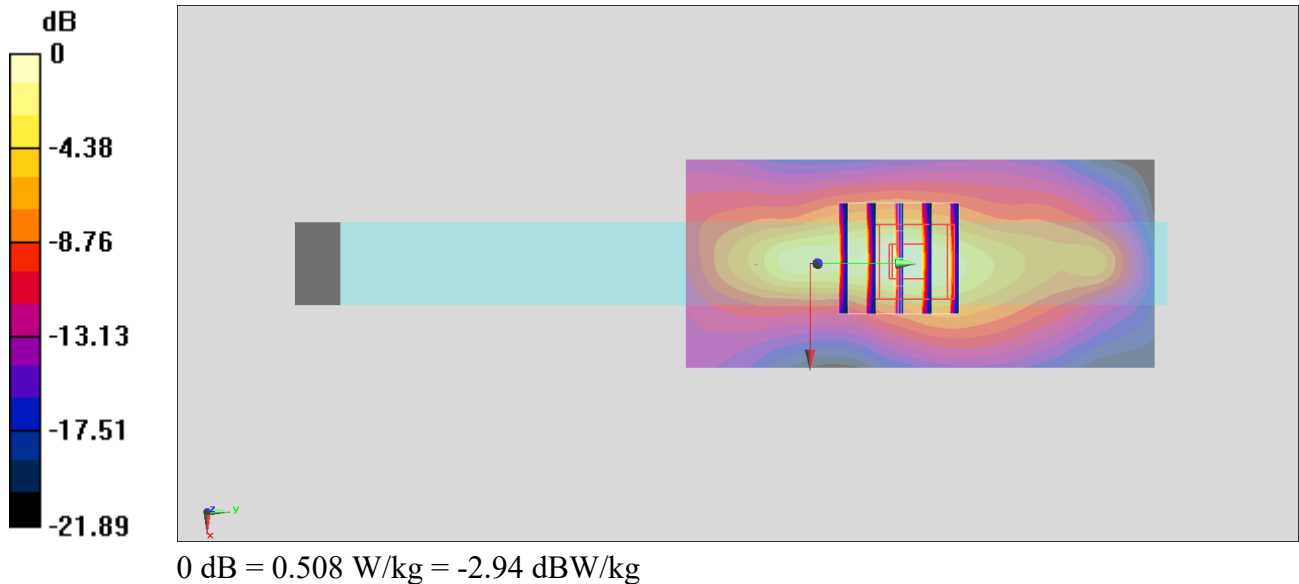
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.56 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.296 W/kg ; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.517 W/kg



#05_LTE Band 25_20M_QPSK_1_0_Bottom Face_0mm_Ch26340

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

Medium: HSL_1900_191122 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 39.837$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x41x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

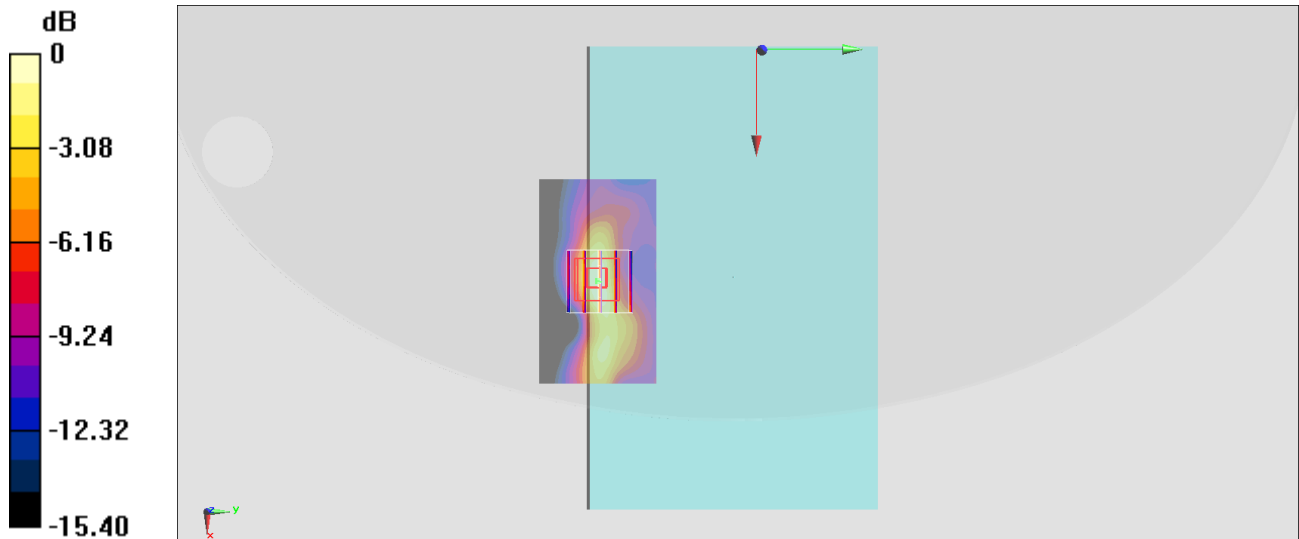
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.44 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



#06_LTE Band 26_15M_QPSK_1_0_Edge 1_0mm_Ch26865

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

Medium: HSL_850_191123 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 43.232$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 831.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (41x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

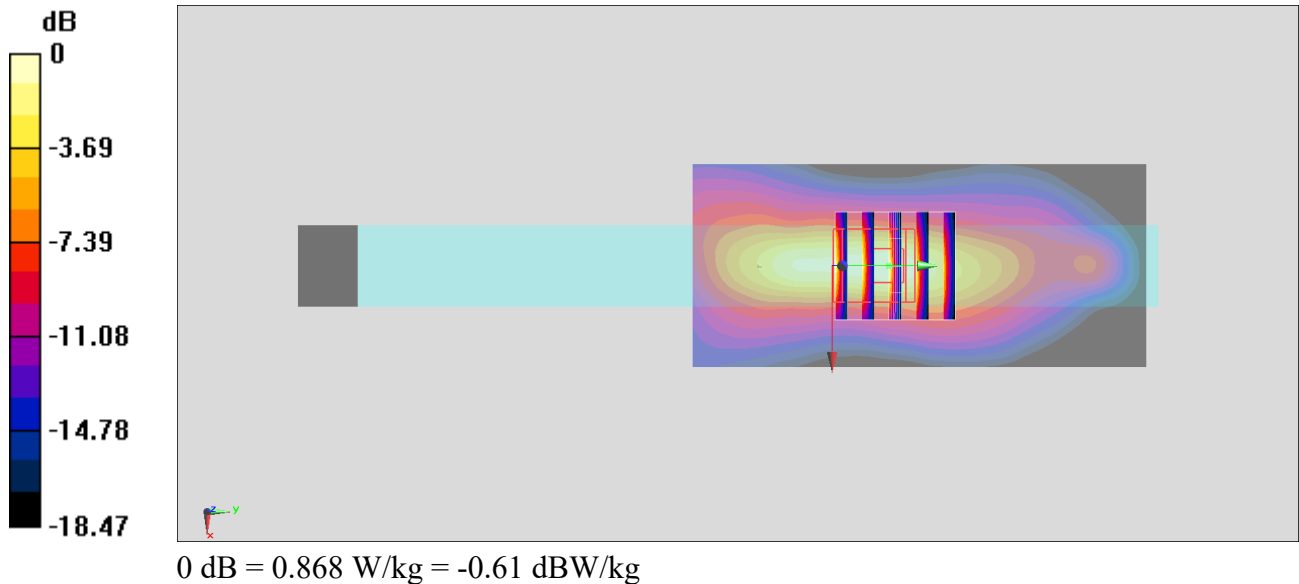
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.89 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.921 W/kg



#07_LTE Band 30_10M_QPSK_1_0_Bottom Face_0mm_Ch27710

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

Medium: HSL_2300_200110 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.631$ S/m; $\epsilon_r = 39.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.83, 7.83, 7.83) @ 2310 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (91x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

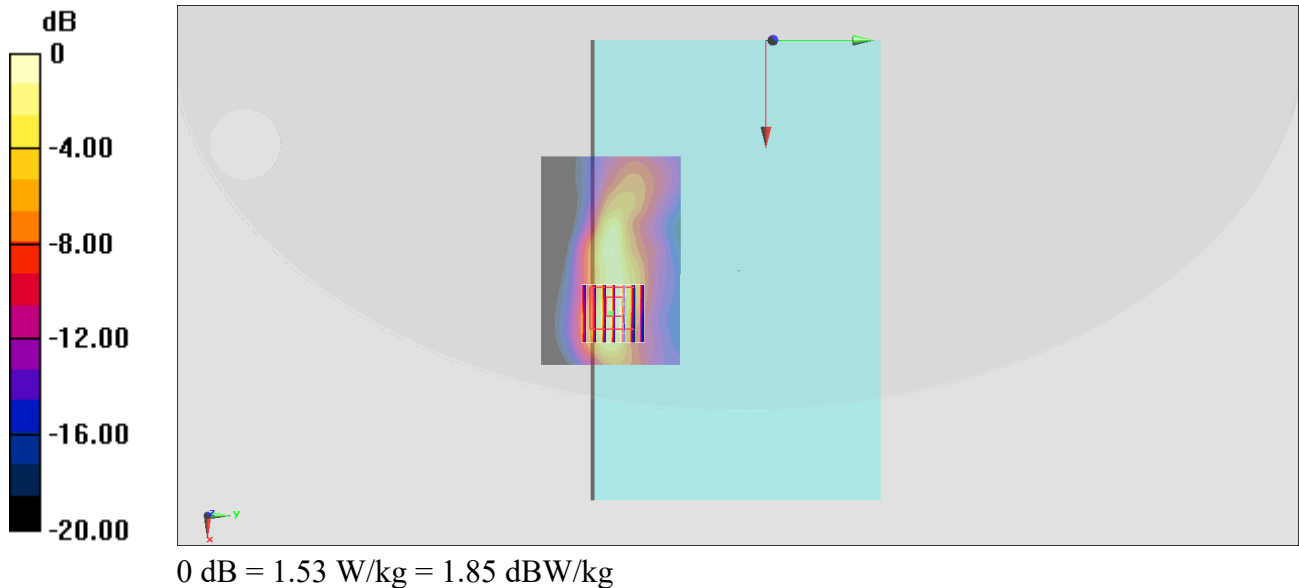
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.95 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



#08_LTE Band 41_20M_QPSK_50_0_Bottom Face_0mm_Ch39750

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

Medium: HSL_2600_191219 Medium parameters used : $f = 2506$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 38.704$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.94, 6.94, 6.94) @ 2506 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 15.92 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 1.77 W/kg

