

#01_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_211001 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.457$ S/m; $\epsilon_r = 38.746$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.12, 8.12, 8.12) @ 1907.6 MHz; Calibrated: 2021/7/26
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.656 W/kg

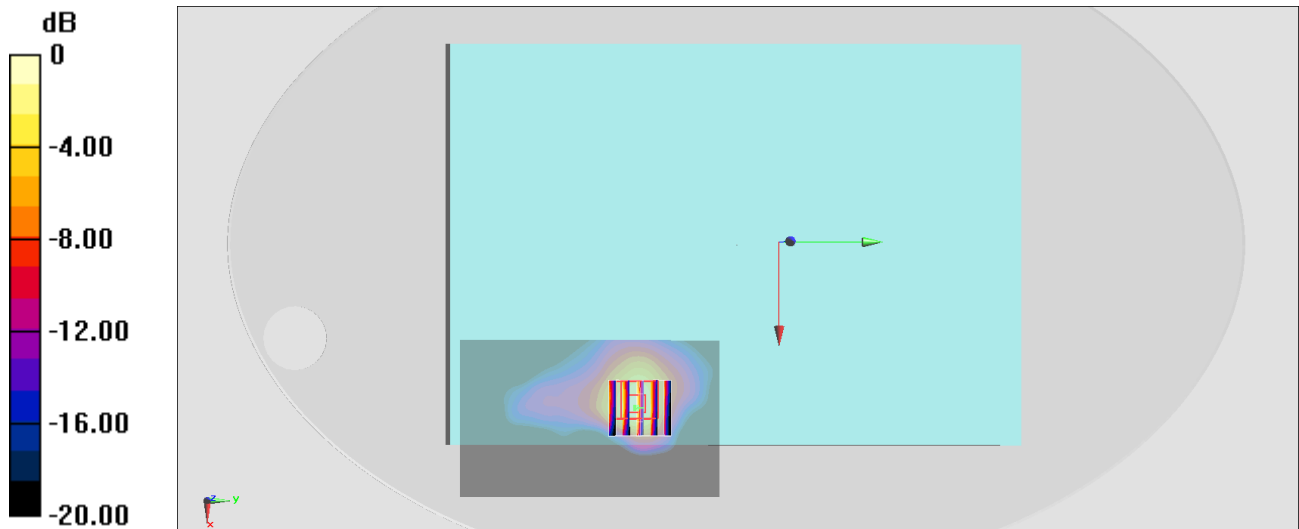
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.91 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.694 W/kg



0 dB = 0.694 W/kg = -1.59 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_211002 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.626$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.4, 8.4, 8.4) @ 1752.6 MHz; Calibrated: 2021/7/26
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.743 W/kg

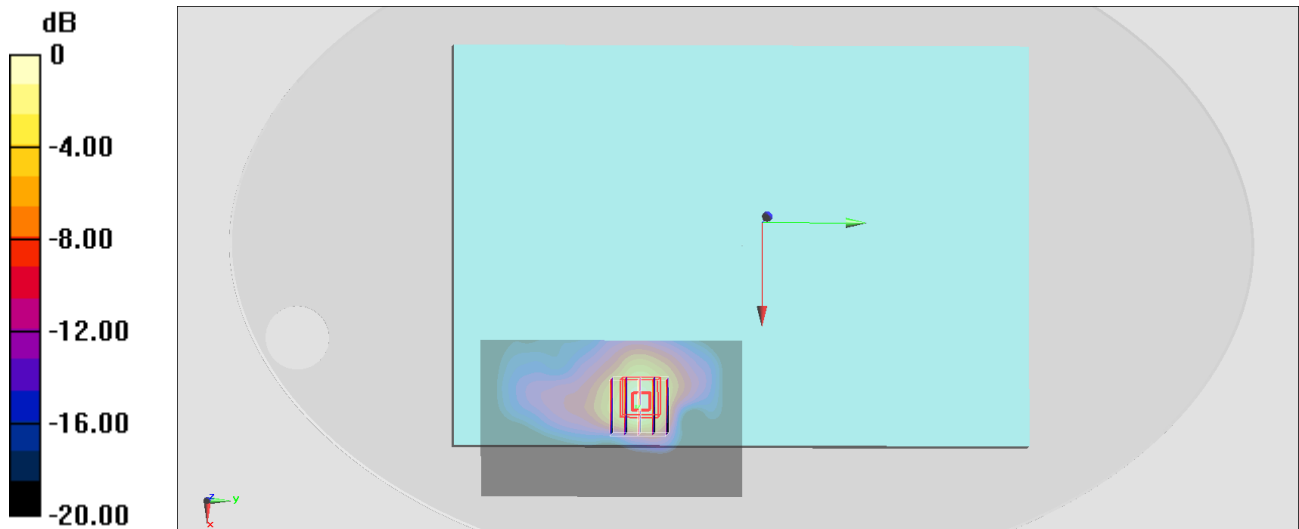
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.07 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg = -1.37 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_211002 Medium parameters used: $f = 847$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.132$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) @ 846.6 MHz; Calibrated: 2021/7/26
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

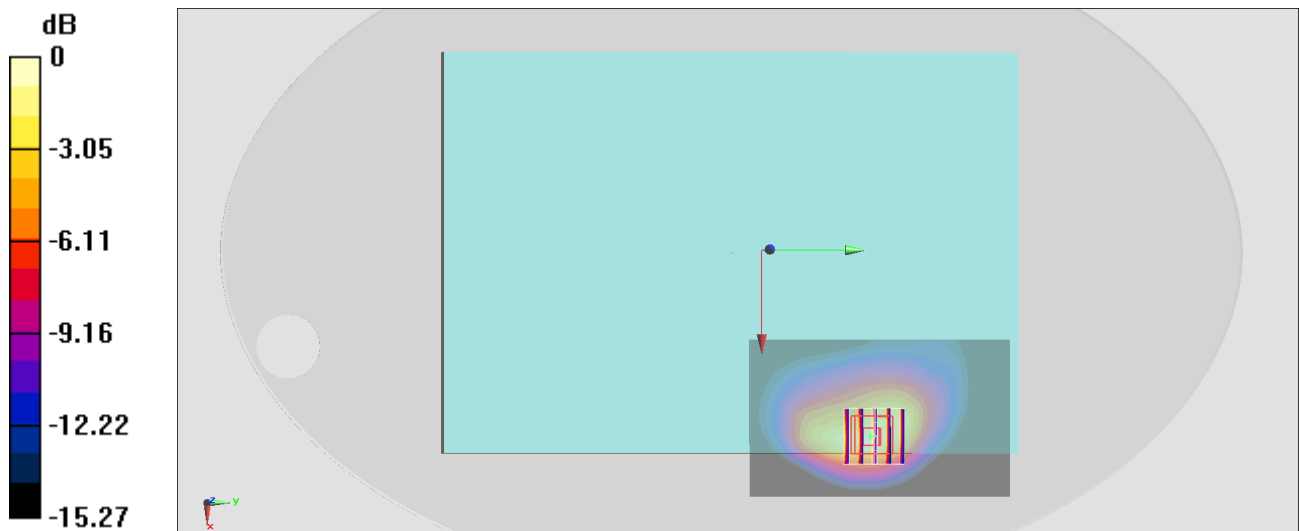
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.38 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.523 W/kg

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



0 dB = 1.50 W/kg = 1.76 dBW/kg

#04_LTE Band 7_20M_QPSK_1_0_Edge 1_31mm_Ch21350

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

Medium: HSL_2600_211004 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.992$ S/m; $\epsilon_r = 38.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(7.35, 7.35, 7.35) @ 2560 MHz; Calibrated: 2021/6/25
- 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 (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.825 W/kg

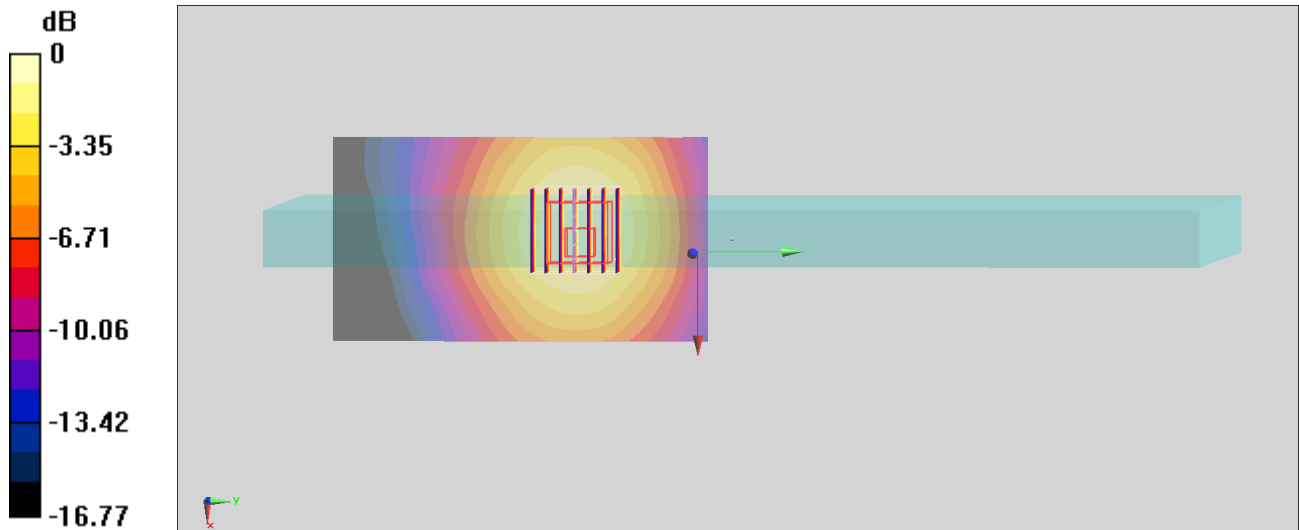
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.18 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 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_211013 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 42.964$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09) @ 707.5 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2021/7/14
- 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) = 1.01 W/kg

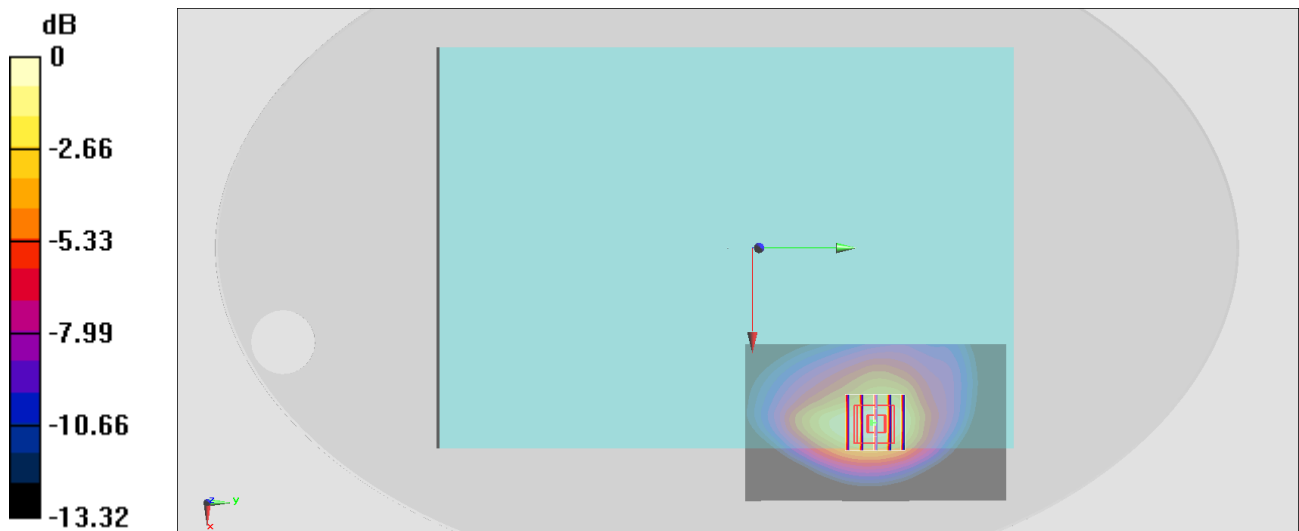
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.68 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.489 W/kg

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



0 dB = 0.978 W/kg = -0.10 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_211013 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.489$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09) @ 782 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2021/7/14
- 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

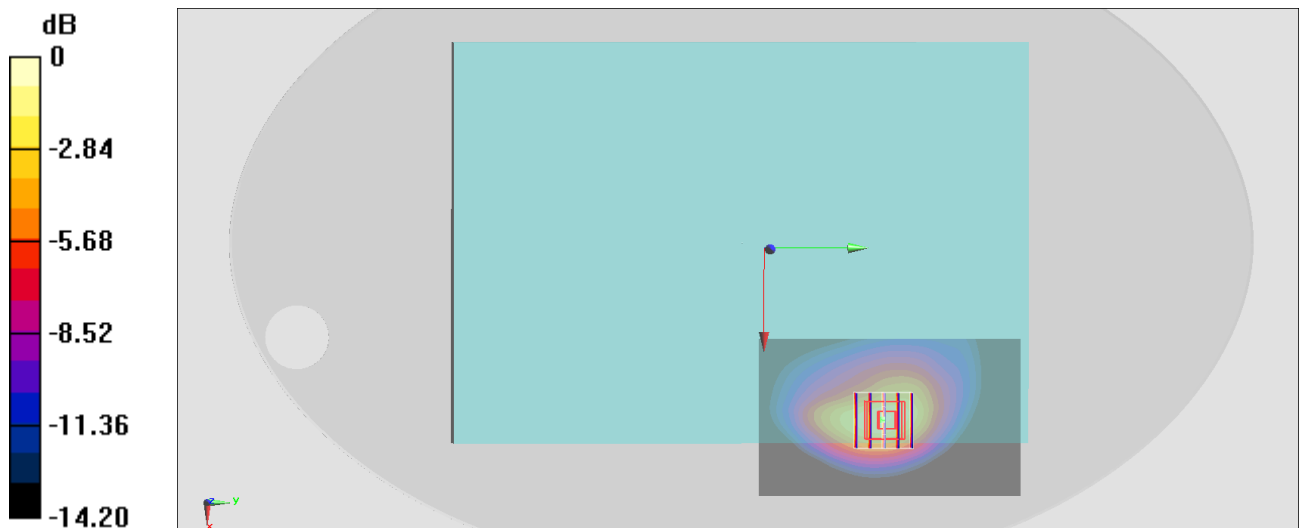
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.47 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.883 W/kg ; SAR(10 g) = 0.512 W/kg

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



0 dB = 1.33 W/kg = 1.24 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_211013 Medium parameters used: $f = 793$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.45$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09) @ 793 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2021/7/14
- 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) = 1.34 W/kg

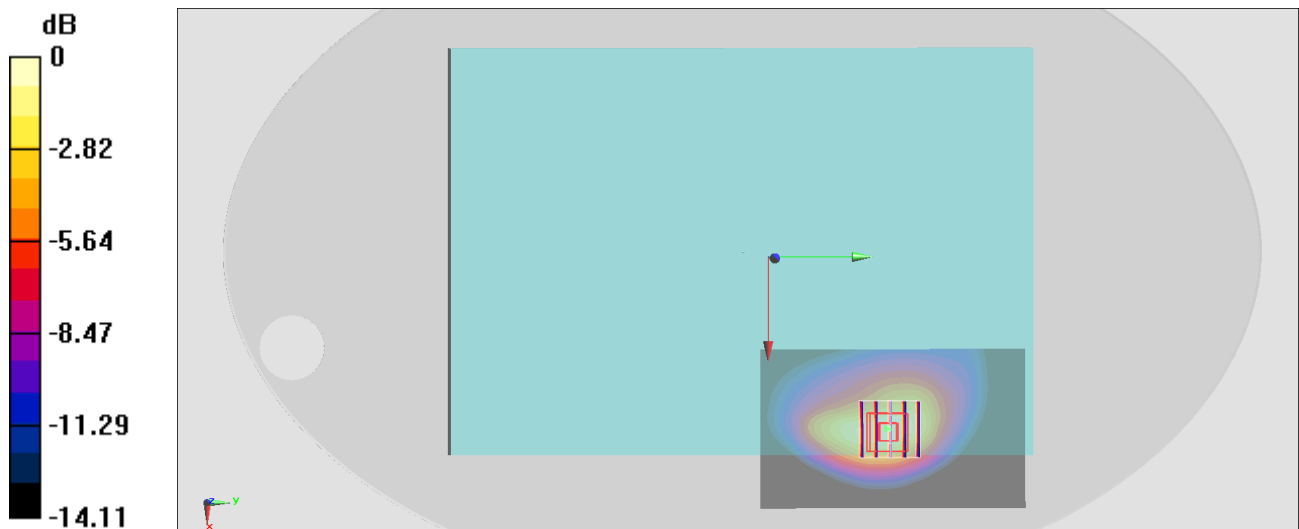
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.81 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.506 W/kg

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



#08_LTE Band 25_20M_QPSK_1_0_Edge 4_0mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_211001 Medium parameters used : $f = 1905$ MHz; $\sigma = 1.454$ S/m; $\epsilon_r = 38.759$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1905 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (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 (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.510 W/kg

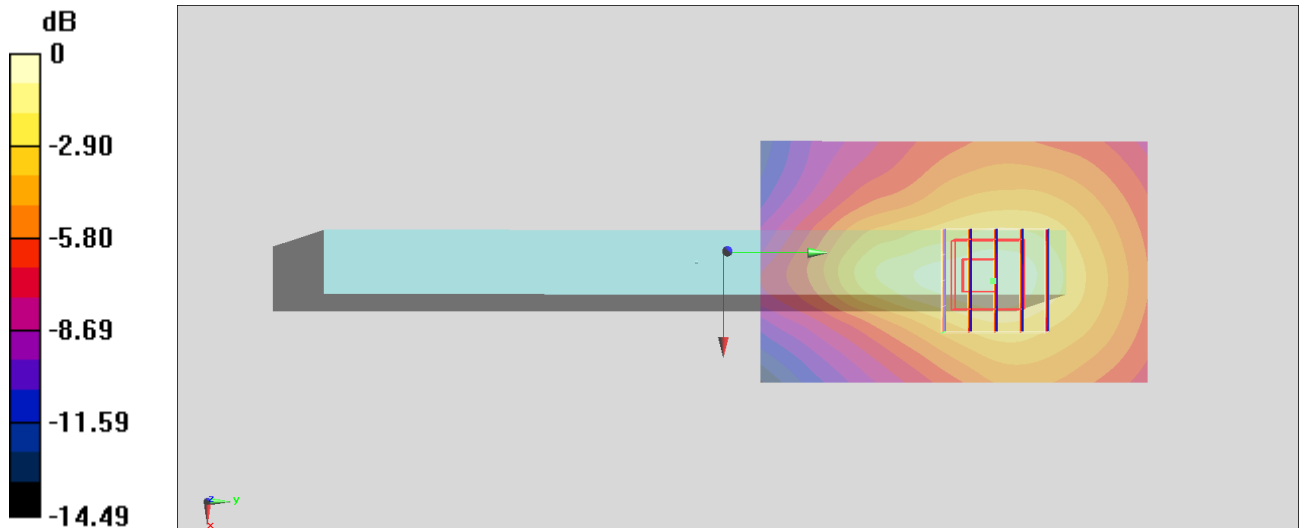
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.86 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg = -3.02 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_211002 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.33$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) @ 831.5 MHz; Calibrated: 2021/7/26
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

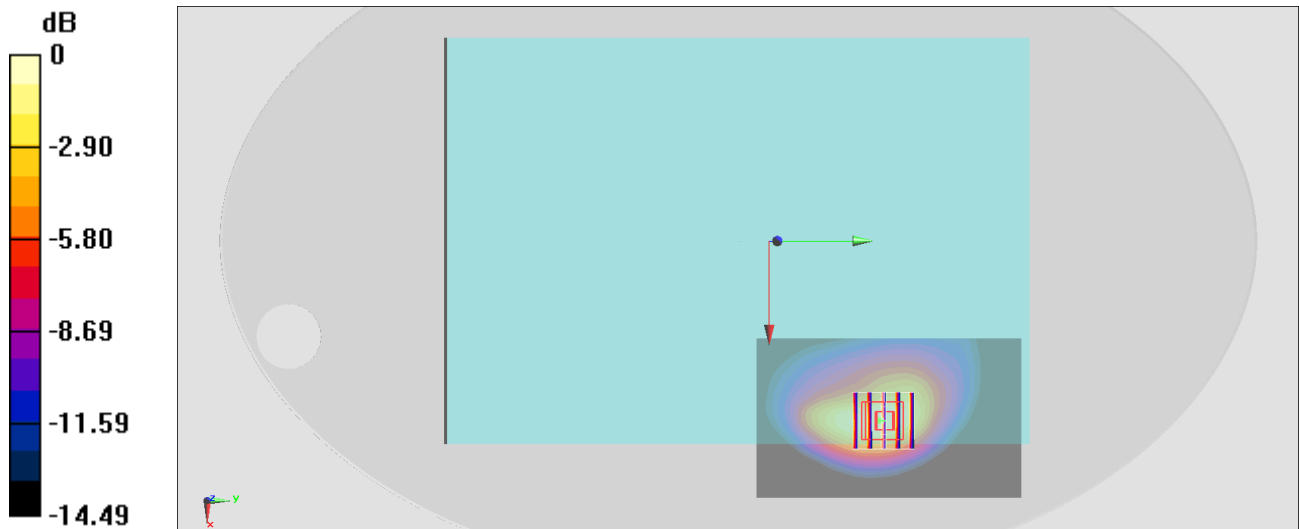
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.42 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.494 W/kg

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



0 dB = 1.31 W/kg = 1.17 dBW/kg

#10_LTE Band 30_10M_QPSK_1_0_Edge 1_31mm_Ch27710

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

Medium: HSL_2300_211015 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.627$ S/m; $\epsilon_r = 38.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.618 W/kg

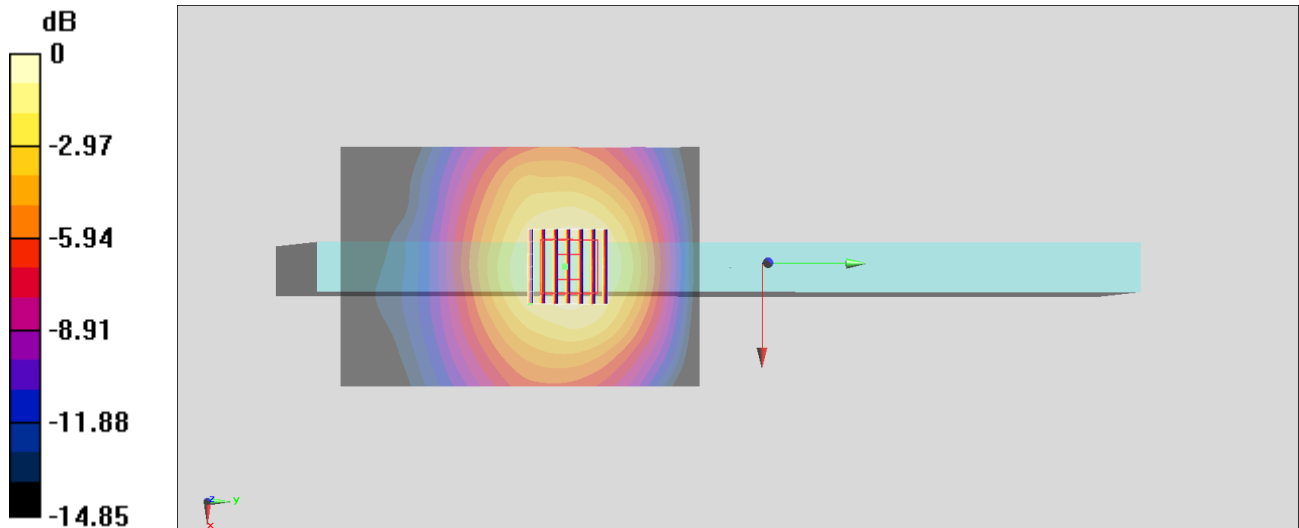
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.37 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

#11_LTE Band 66_20M_QPSK_1_0_Bottom Face_0mm_Ch132322

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_211002 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 40.647$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2021/7/26
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.609 W/kg

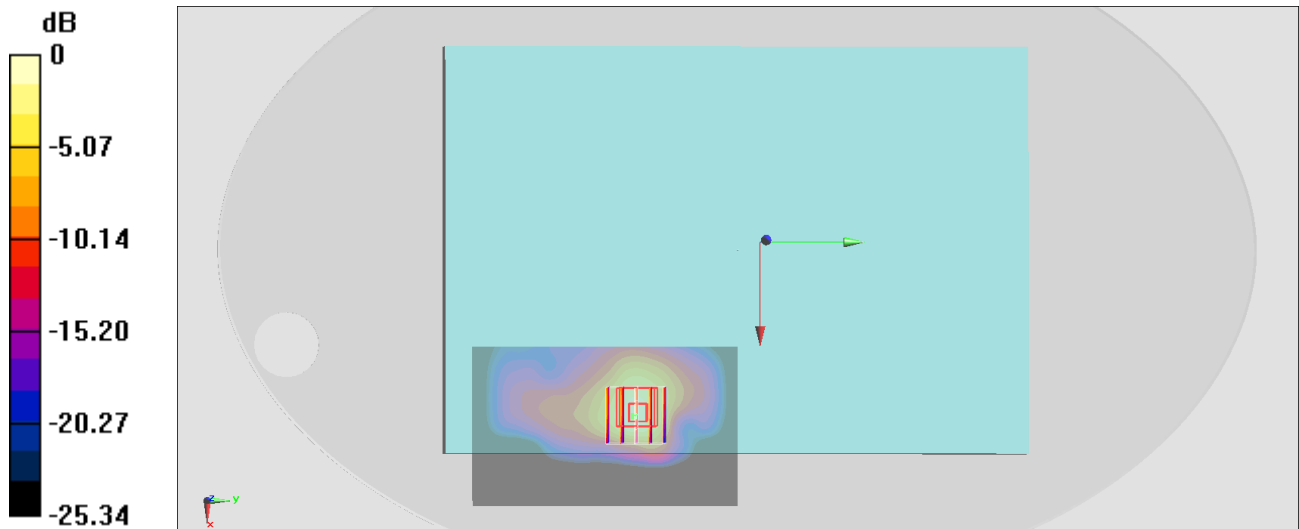
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.84 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg = -2.08 dBW/kg

#12_LTE Band 71_20M_QPSK_1_0_Bottom Face_0mm_Ch133297

Communication System: LTE; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_211013 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 43.063$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09) @ 683 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2021/7/14
- 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) = 1.22 W/kg

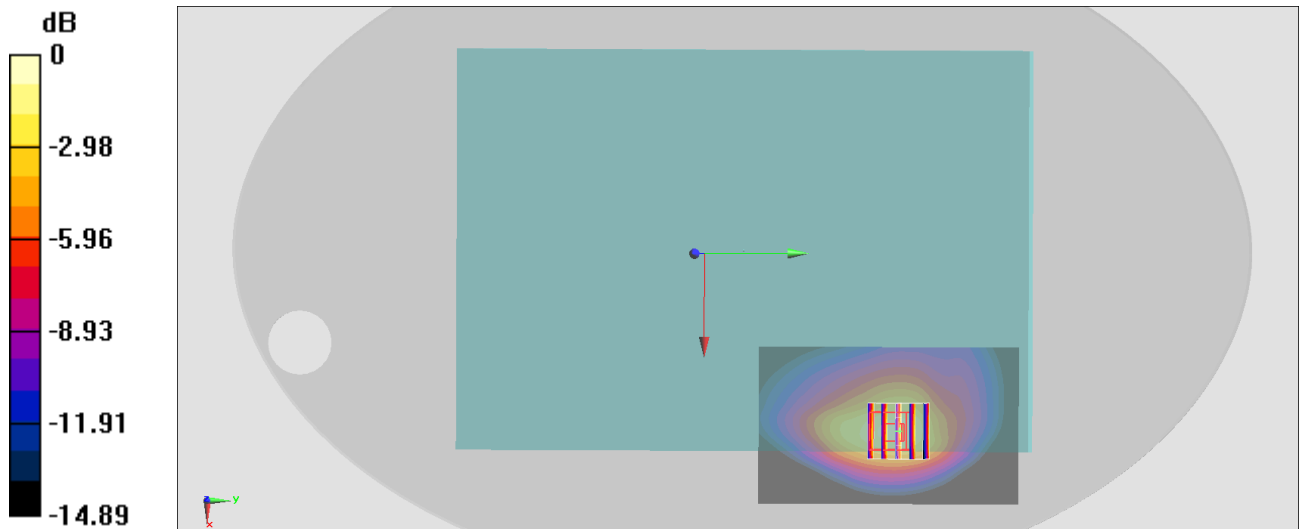
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.47 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.540 W/kg

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



0 dB = 1.34 W/kg = 1.27 dBW/kg

#13_LTE Band 41_20M_QPSK_1_0_Edge 1_31mm_Ch40620

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_211004 Medium parameters used : $f = 2593$ MHz; $\sigma = 2.024$ S/m; $\epsilon_r = 38.45$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(7.35, 7.35, 7.35) @ 2593 MHz; Calibrated: 2021/6/25
- 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 (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.660 W/kg

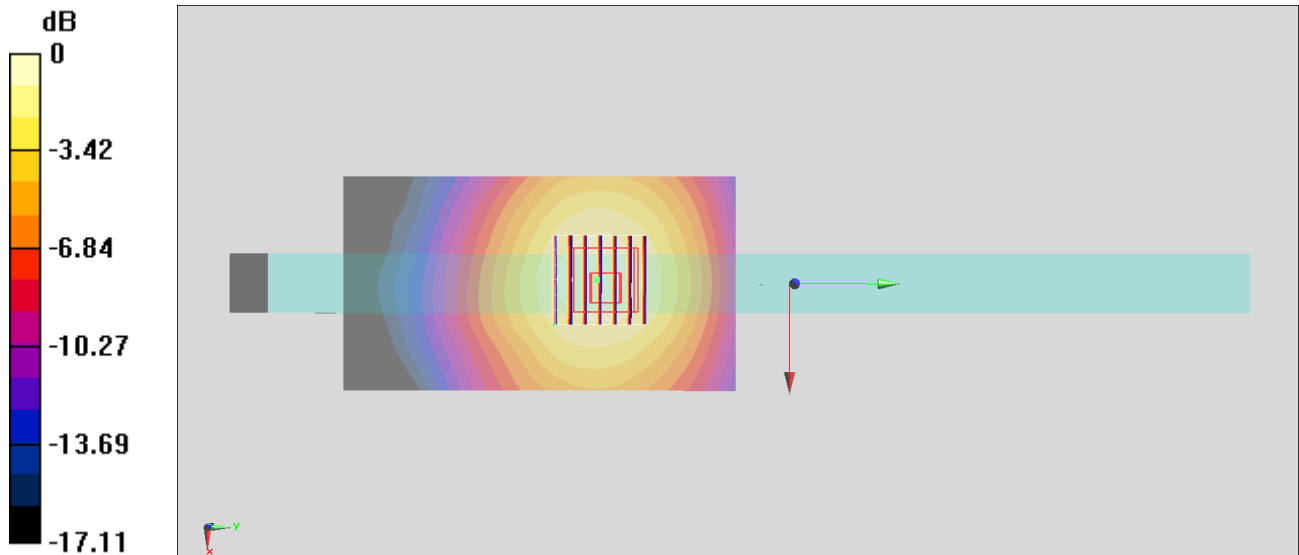
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.73 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.666 W/kg = -1.77 dBW/kg

#14_LTE Band 48_20M_QPSK_1_0_Edge 4_0mm_Ch55830

Communication System: LTE; Frequency: 3609 MHz; Duty Cycle: 1:1.59

Medium: HSL_3300-4200_211003 Medium parameters used: $f = 3609$ MHz; $\sigma = 3.111$ S/m; $\epsilon_r = 38.301$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.01, 7.01, 7.01) @ 3609 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2020/12/22
- 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 (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.862 W/kg

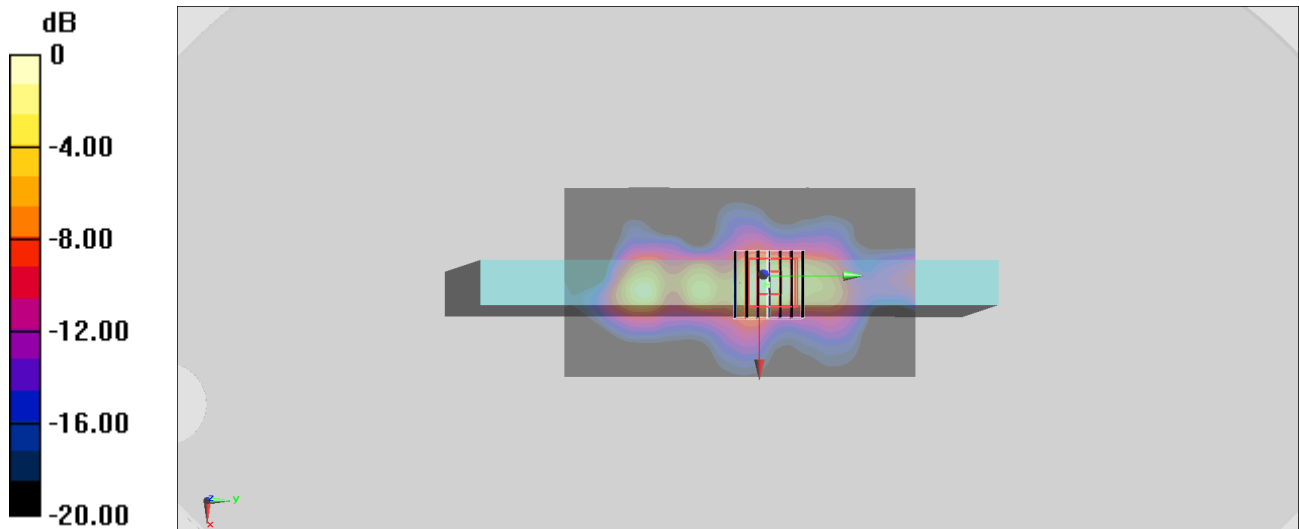
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 7.672 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.989 W/kg



0 dB = 0.989 W/kg = -0.05 dBW/kg

#15_FR1 n5_20M_BPSK_100_0_Bottom Face_0mm_Ch167300

Communication System: FR1; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_211005 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 40.548$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2021/6/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

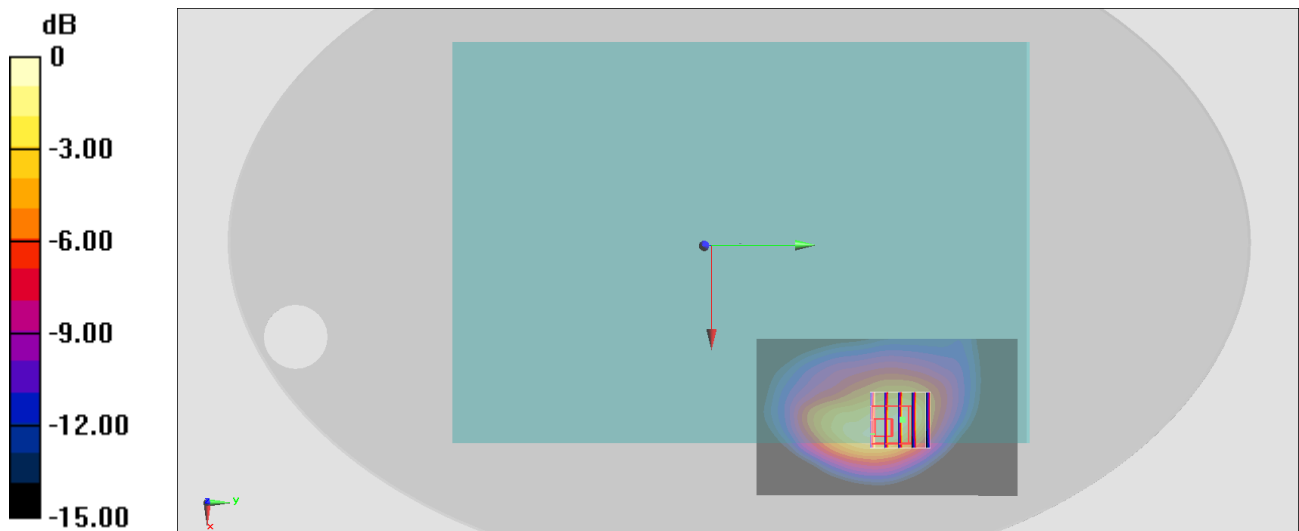
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.40 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.439 W/kg

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



0 dB = 1.19 W/kg = 0.76 dBW/kg

#16_FR1 n7_20M_BPSK_50_28_Bottom Face_0mm_Ch507000

Communication System: FR1; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_211004 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 38.747$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(7.6, 7.6, 7.6) @ 2535 MHz; Calibrated: 2021/6/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.717 W/kg

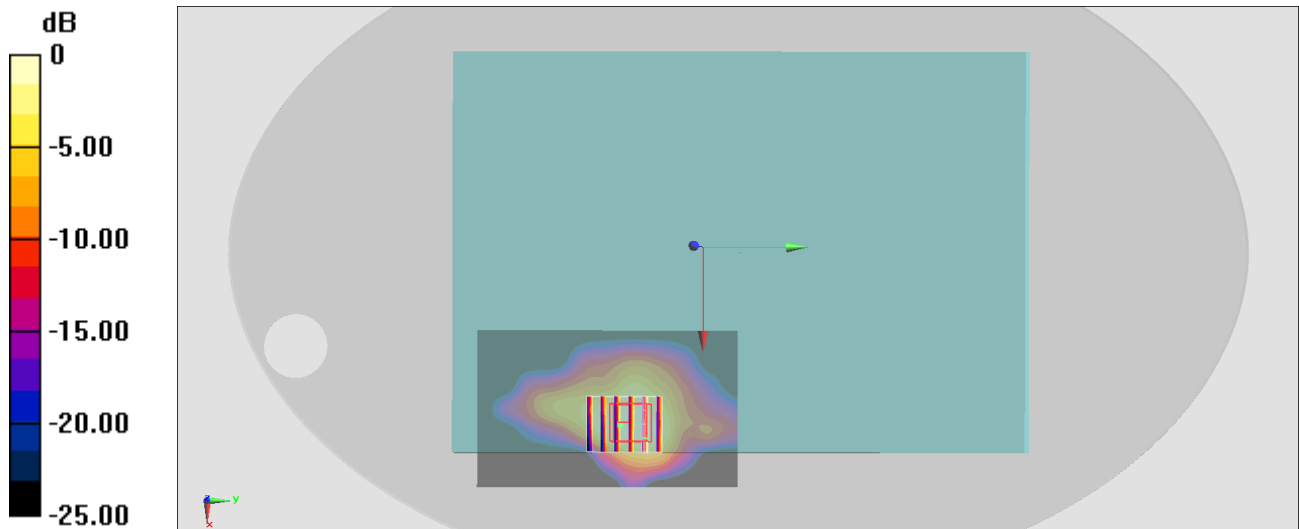
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.68 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.609 W/kg



0 dB = 0.609 W/kg = -2.15 dBW/kg

#17_FR1 n12_15M_BPSK_36_22_Bottom Face_0mm_Ch141500

Communication System: FR1; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_211005 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 41.154$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(10.34, 10.34, 10.34) @ 707.5 MHz; Calibrated: 2021/6/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

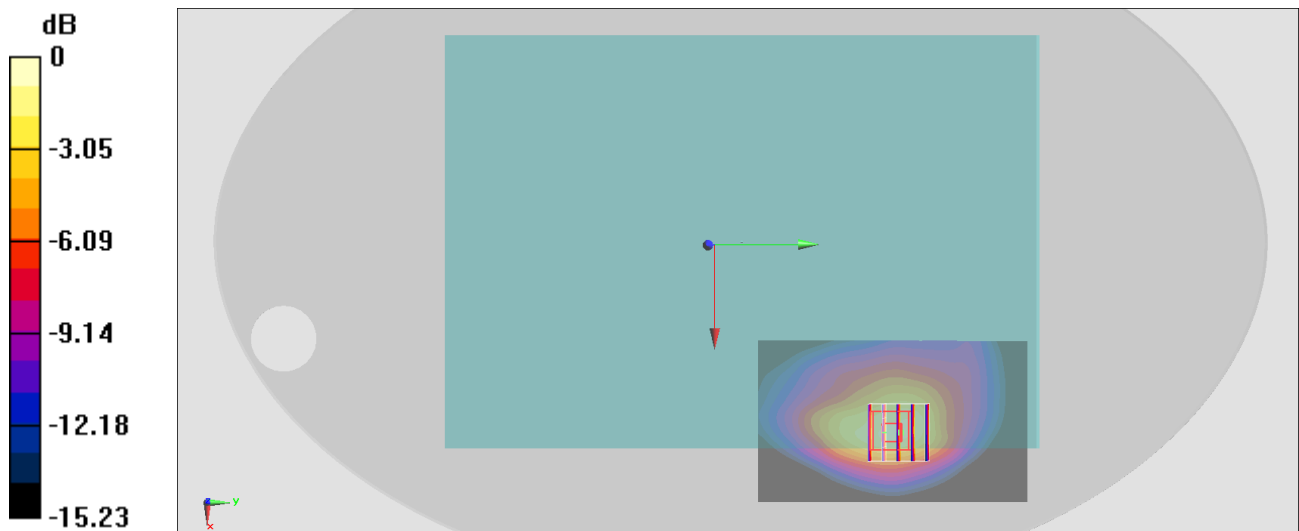
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.01 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.521 W/kg

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



0 dB = 1.38 W/kg = 1.40 dBW/kg

#18_FR1 n25_20M_BPSK_1_1_Bottom Face_0mm_Ch376500

Communication System: FR1; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_211017 Medium parameters used : $f = 1882.5$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 40.981$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.82, 7.82, 7.82) @ 1882.5 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

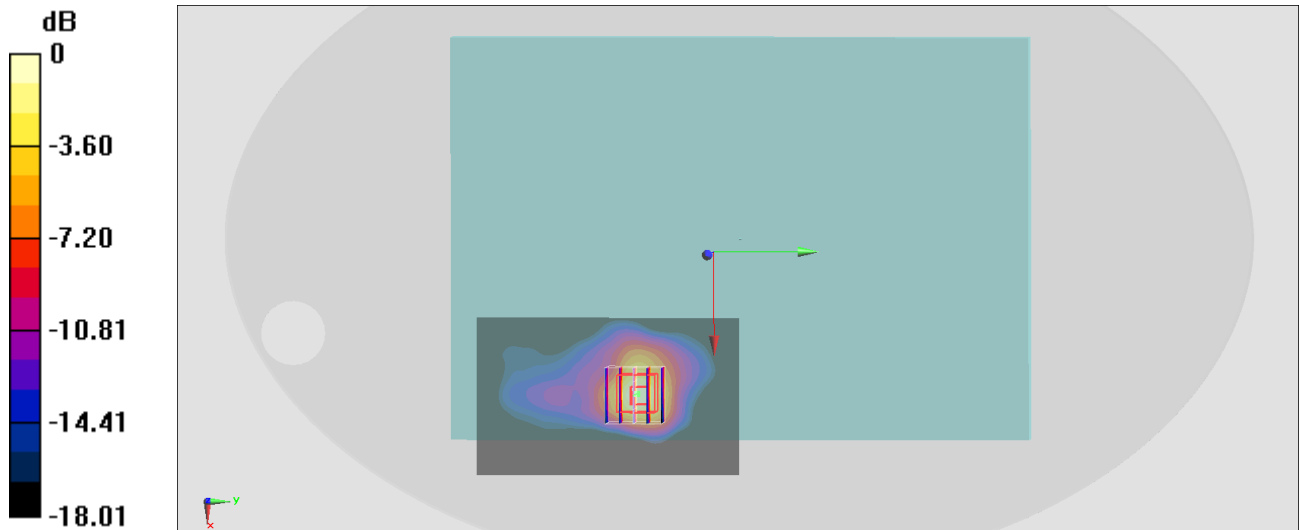
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.90 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.616 W/kg



#19_FR1 n41_100M_BPSK_1_1_Edge 4_24mm_Ch518598

Communication System: FR1; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL_2600_211015 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 1.945$ S/m; $\epsilon_r = 37.694$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.22, 7.22, 7.22) @ 2592.99 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 (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.32 W/kg

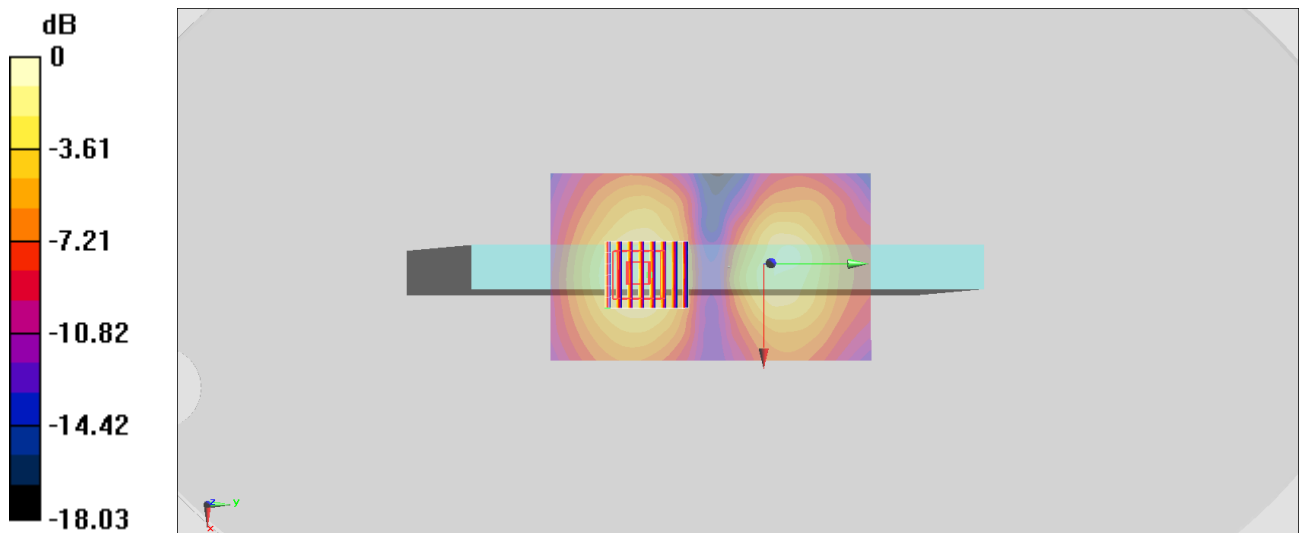
Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.54 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.533 W/kg

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



0 dB = 1.32 W/kg = 1.22 dBW/kg

#20_FR1 n66_20M_BPSK_1_1_Bottom Face_0mm_Ch349000

Communication System: FR1; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_211006 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 40.305$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(8.38, 8.38, 8.38) @ 1745 MHz; Calibrated: 2021/6/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.669 W/kg

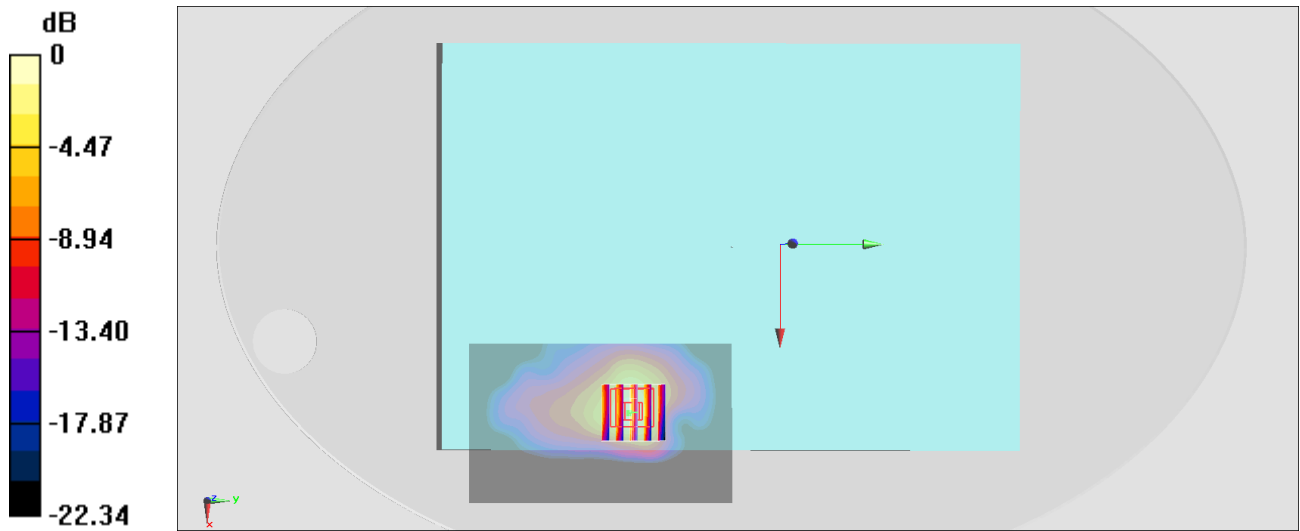
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.44 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

#21_FR1 n71_20M_BPSK_100_0_Bottom Face_0mm_Ch136100

Communication System: FR1; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_211005 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 41.266$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(10.34, 10.34, 10.34) @ 680.5 MHz; Calibrated: 2021/6/25
- 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

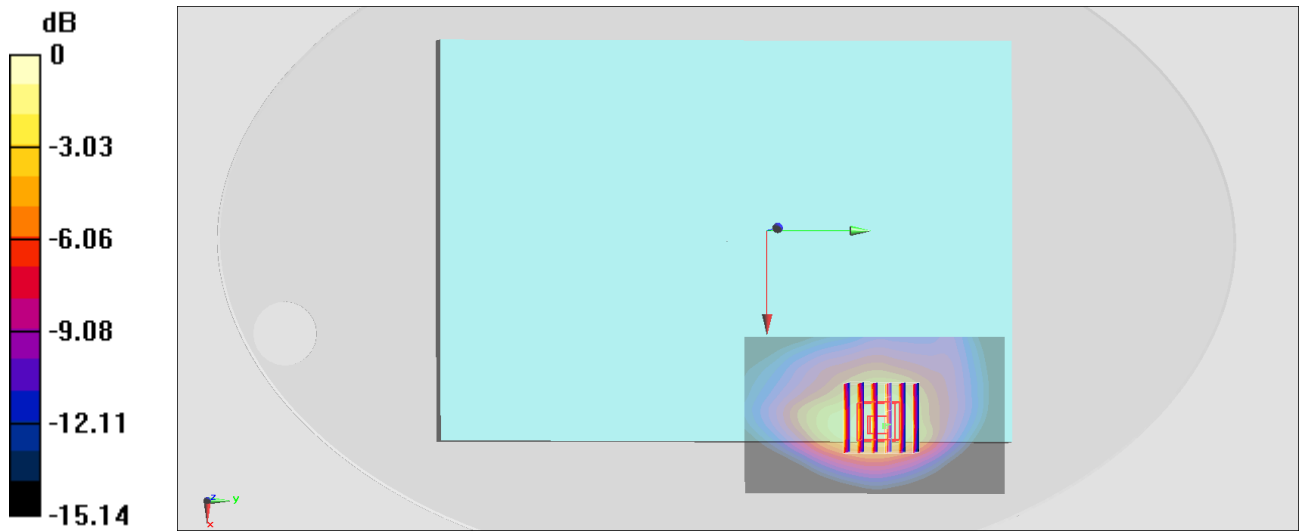
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.74 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.466 W/kg

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



#22_FR1 n77_HPUE_100M_BPSK_1_1_Edge 4_0mm_Ch656000

Communication System: FR1; Frequency: 3840 MHz; Duty Cycle: 1:2

Medium: HSL_3300-4200_211007 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.175$ S/m; $\epsilon_r = 36.751$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(6.56, 6.56, 6.56) @ 3840 MHz; Calibrated: 2021/6/25
- 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 (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.758 W/kg

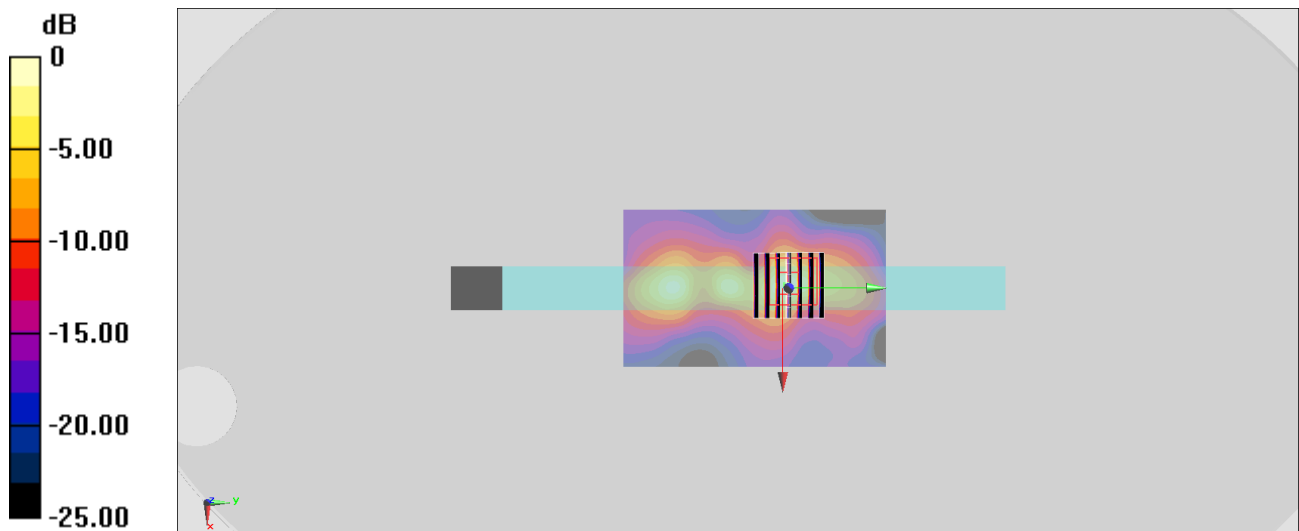
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 5.976 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.837 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

#23_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch1;Ant 2

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.005

Medium: HSL_2450_210914 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 39.223$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2412 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.919 W/kg

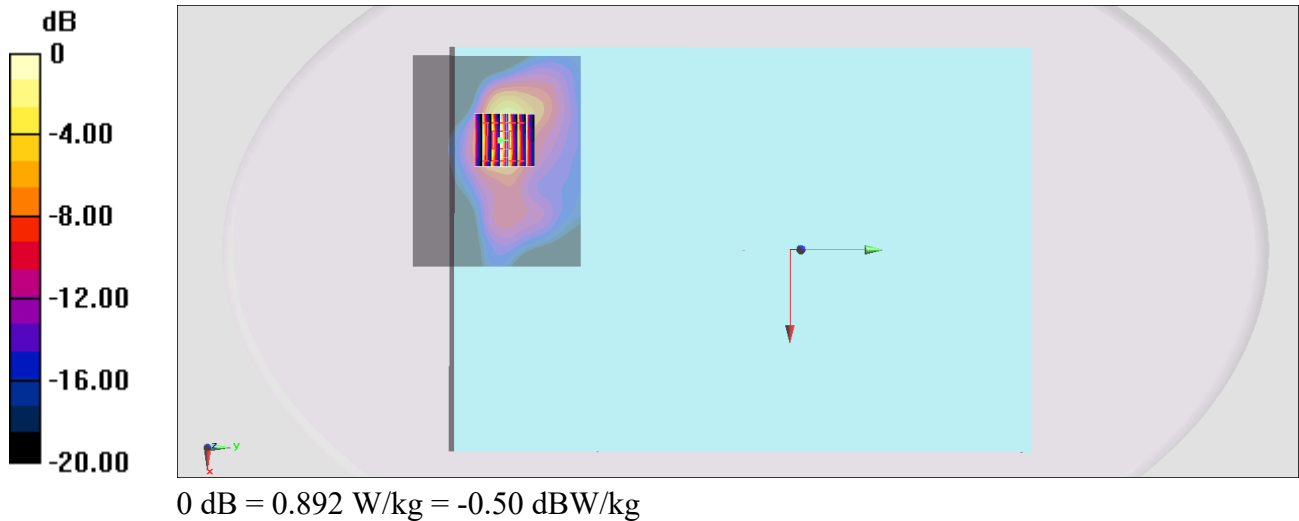
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.929 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.892 W/kg



#24_WLAN5GHz_802.11ac-VHT160 MCS0_Edge 1_0mm_Ch50;Ant 1

Communication System: 802.11ac; Frequency: 5250 MHz; Duty Cycle: 1:1.011

Medium: HSL_5G_210914 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.54$ S/m; $\epsilon_r =$

36.809; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(5.7, 5.7, 5.7) @ 5250 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: ELI v4.0_LEFT; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.987 W/kg

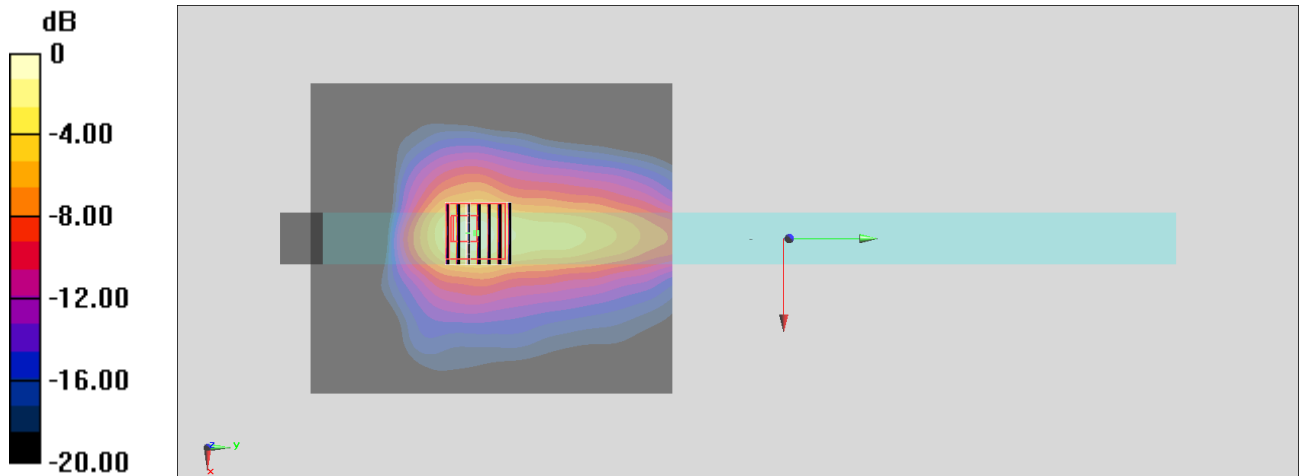
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 10.02 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



#25_WLAN5GHz_802.11ac-VHT160 MCS0_Edge 1_0mm_Ch114;Ant 1

Communication System: 802.11ac; Frequency: 5570 MHz; Duty Cycle: 1:1.011

Medium: HSL_5G_210914 Medium parameters used: $f = 5570$ MHz; $\sigma = 4.86$ S/m; $\epsilon_r = 36.393$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.99, 4.99, 4.99) @ 5570 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: ELI v4.0_LEFT; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

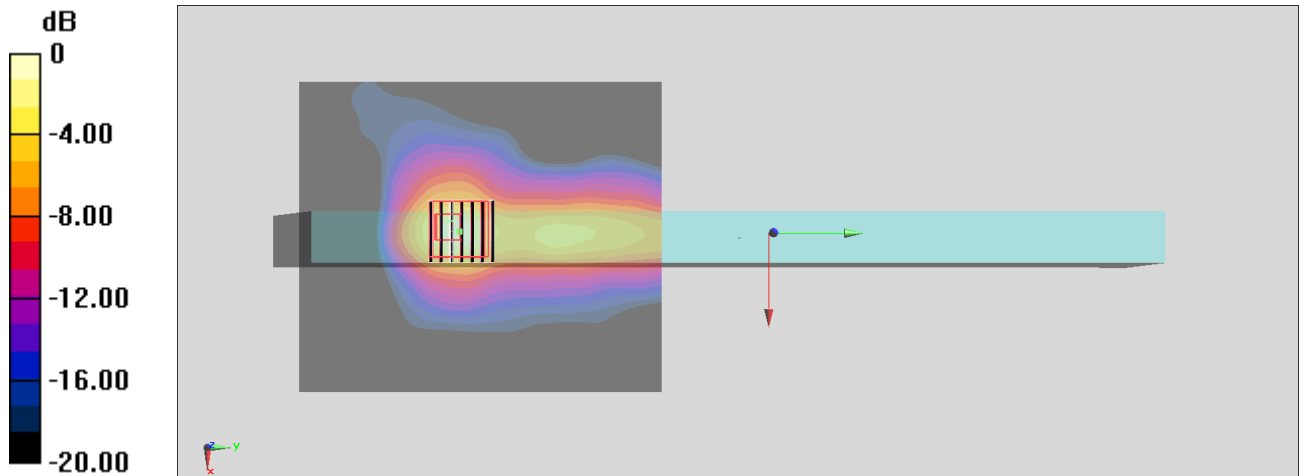
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 9.373 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

#26_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_0mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.011

Medium: HSL_5G_210914 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.073$ S/m; $\epsilon_r = 36.133$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(5.16, 5.16, 5.16) @ 5775 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: ELI v4.0_LEFT; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

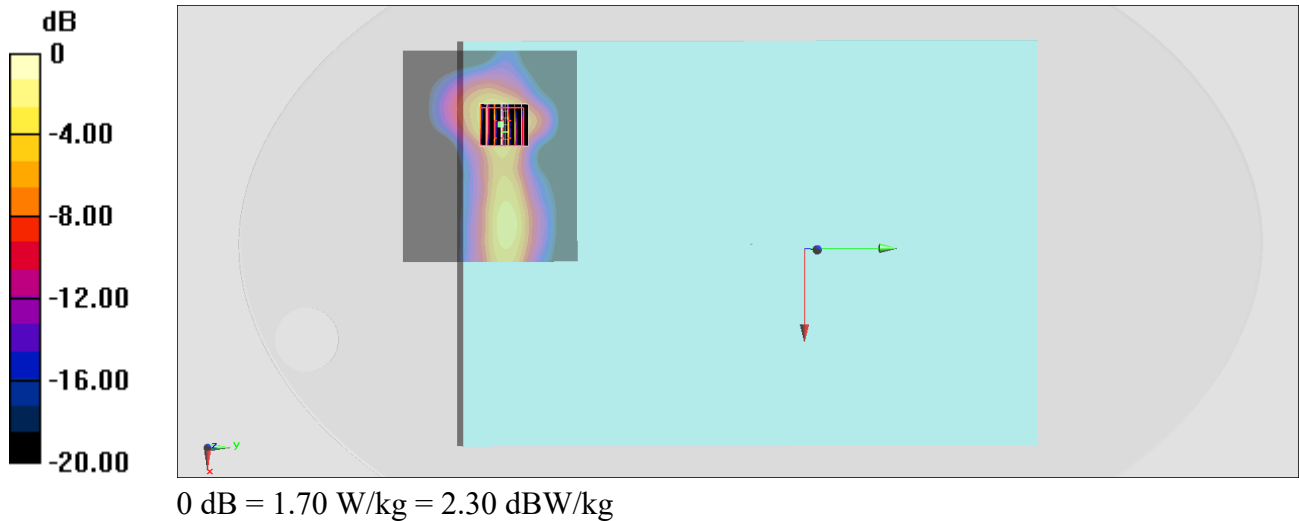
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.590 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.201 W/kg

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



#27_Bluetooth_1Mbps_Bottom Face_0mm_Ch0;Ant 2

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.307

Medium: HSL_2450_210914 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.721$ S/m; $\epsilon_r = 38.943$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.93, 7.93, 7.93) @ 2402 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.292 W/kg

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

Reference Value = 7.029 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.249 W/kg

