

22_LTE Band 66_20M_QPSK_1RB_49Offset_Back_5mm_Ch132072

Communication System: UID 0, LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220930 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 38.529$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.4, 8.4, 8.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch132072/Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

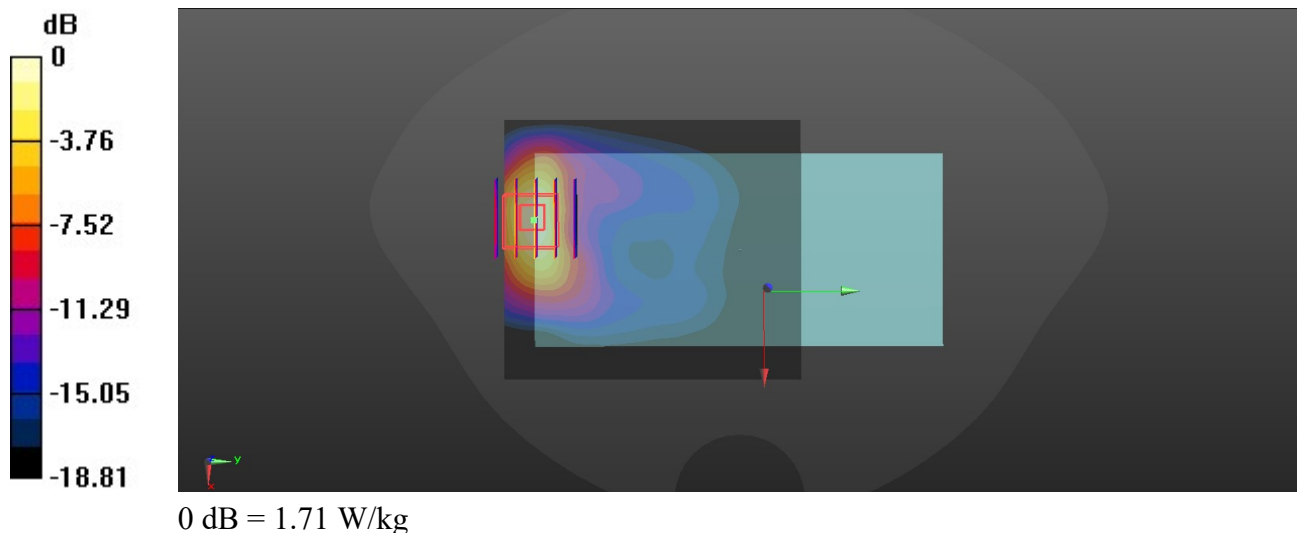
Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.530 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.496 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



23_GSM1900_GPRS (4 TX slots)_Bottom Side_5mm_Ch512

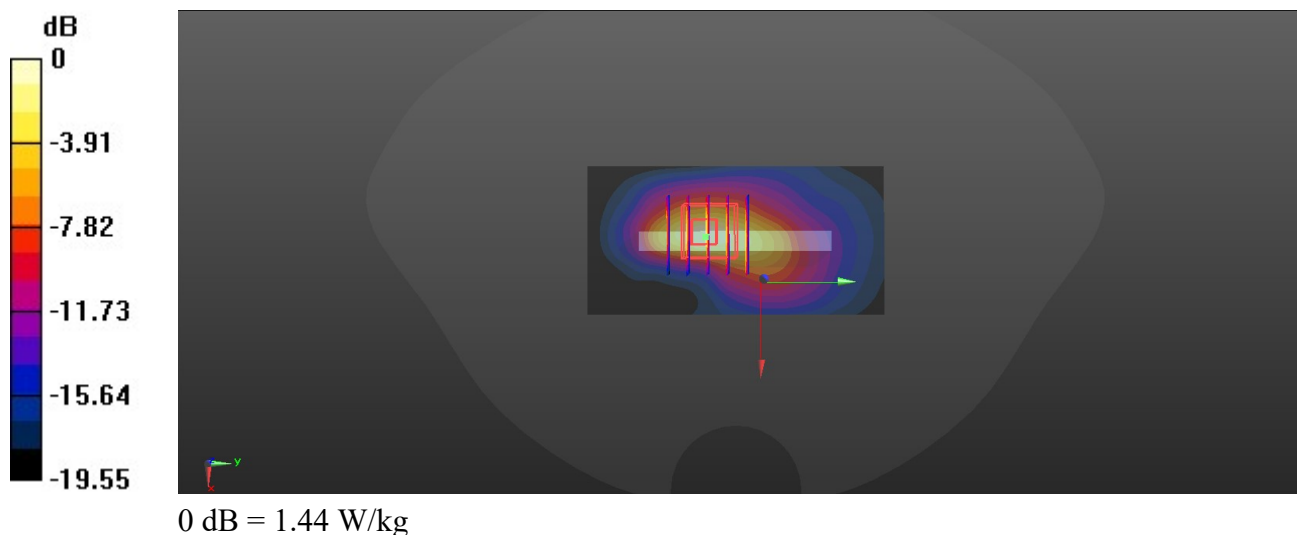
Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
Medium: HSL_1900_221001 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 41.306$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch512/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 28.11 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



24_WCDMA II_RMC 12.2Kbps_Bottom Side_5mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221001 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 41.296$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9262/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

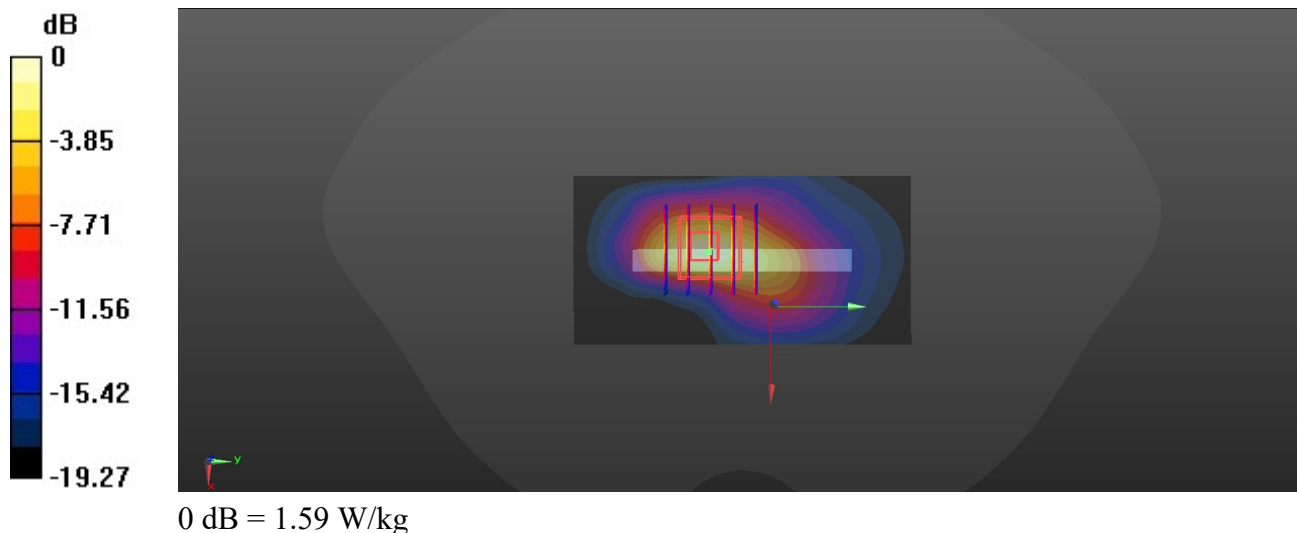
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.87 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



25_LTE Band 2_20M_QPSK_1RB_49Offset_Bottom Side_5mm_Ch18700

Communication System: UID 0, LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221001 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 41.264$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch18700/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.68 W/kg

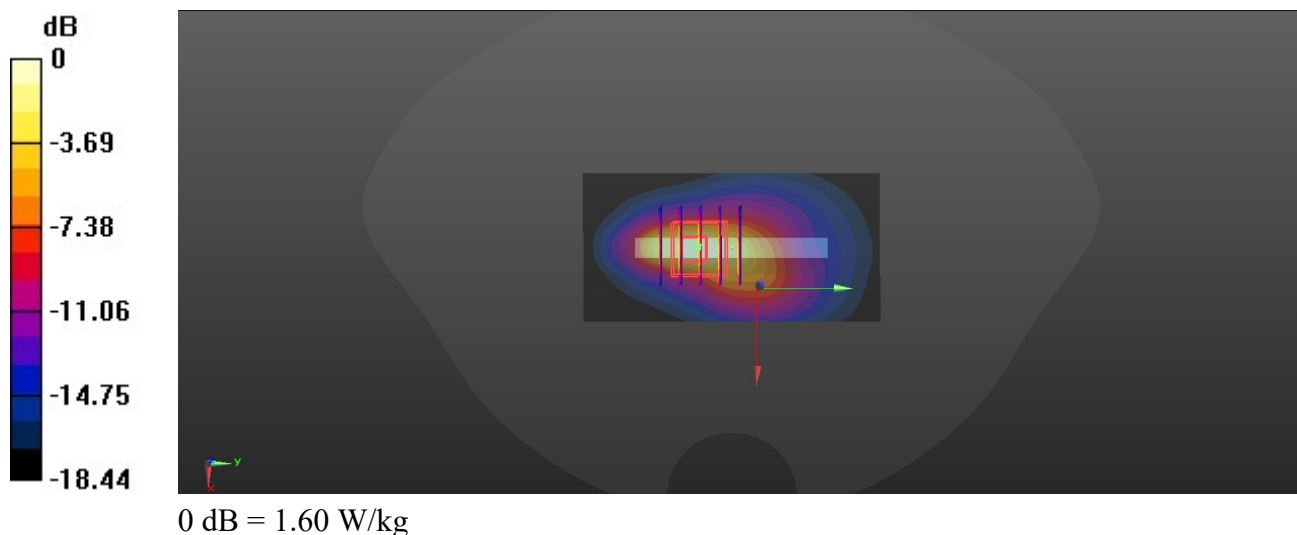
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.72 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.476 W/kg

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



26_LTE Band 7_20M_QPSK_1RB_49Offset_Bottom Side_5mm_Ch21350

Communication System: UID 0, LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600_221003 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.009$ S/m; $\epsilon_r = 37.783$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.68, 7.68, 7.68); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21350/Area Scan (41x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 2.15 W/kg

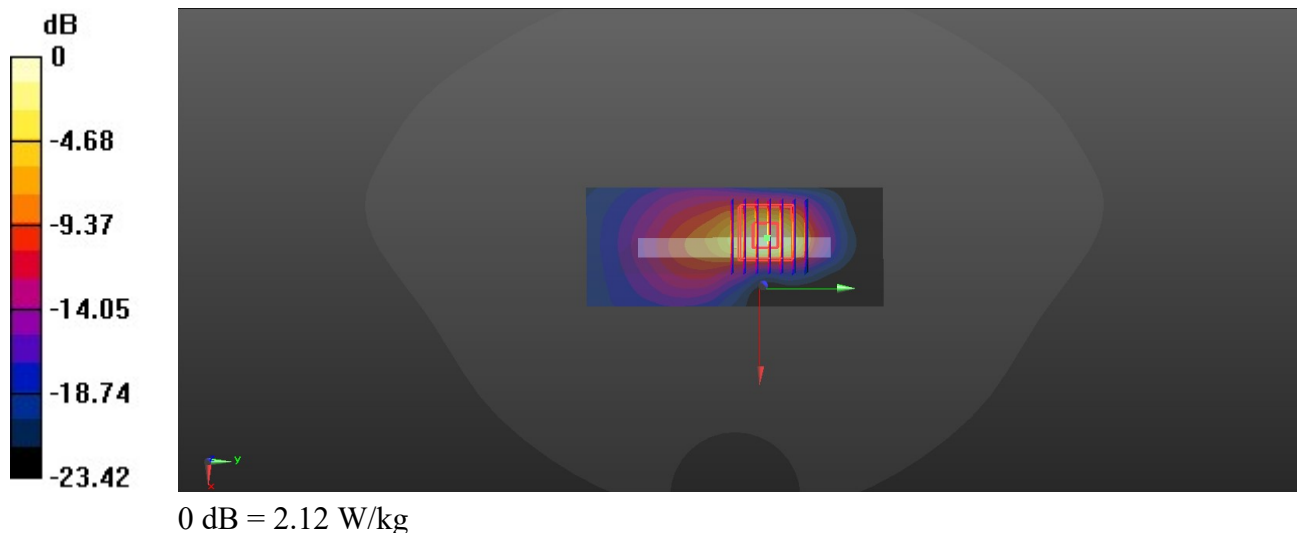
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.46 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 2.12 W/kg



27_1_LTE Band 38_20M_QPSK_1RB_49Offset_Back_5mm_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_221018 Medium parameters used: $f = 2595$ MHz; $\sigma = 2.049$ S/m; $\epsilon_r = 37.613$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.68, 7.68, 7.68); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch38000/Area Scan (91x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.87 W/kg

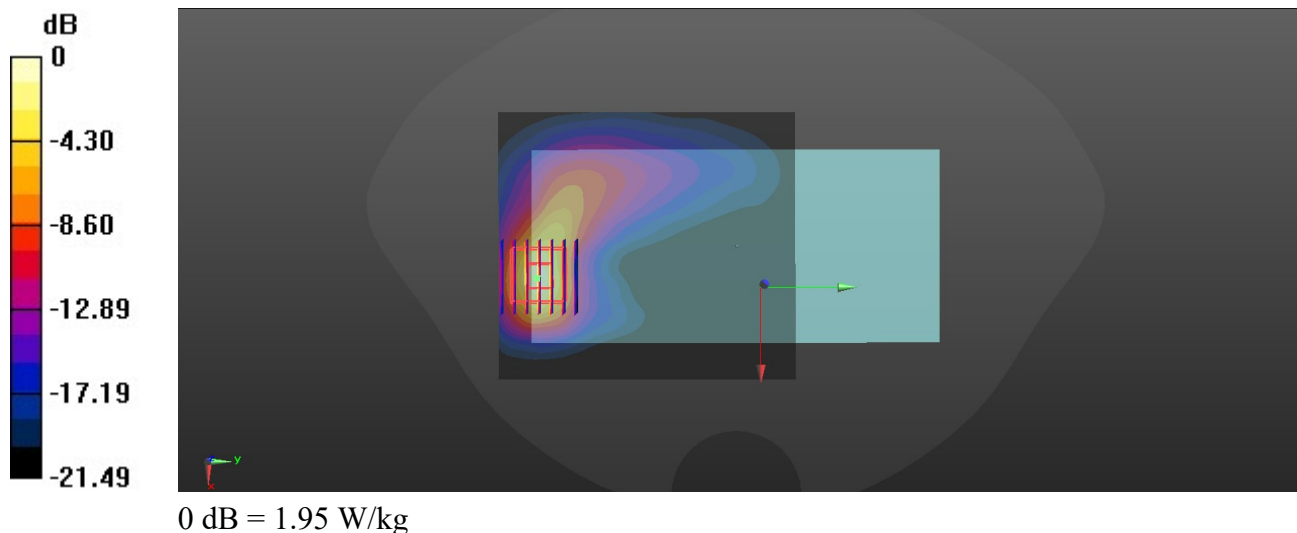
Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.770 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 1.95 W/kg



28_Bluetooth_DH5 1Mbps_Back_5mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.301

Medium: HSL_2450_221002 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.861$ S/m; $\epsilon_r = 38.158$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.03, 8.03, 8.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

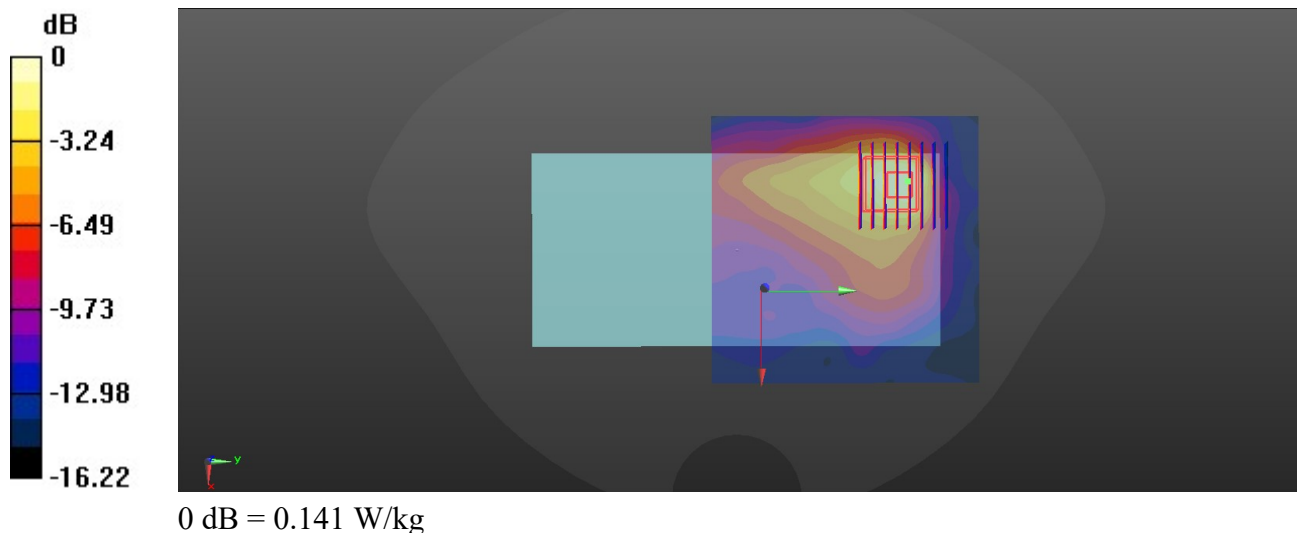
Ch39/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.793 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



29_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.007

Medium: HSL_2450_221002 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 38.072$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.03, 8.03, 8.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch11/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.64 W/kg

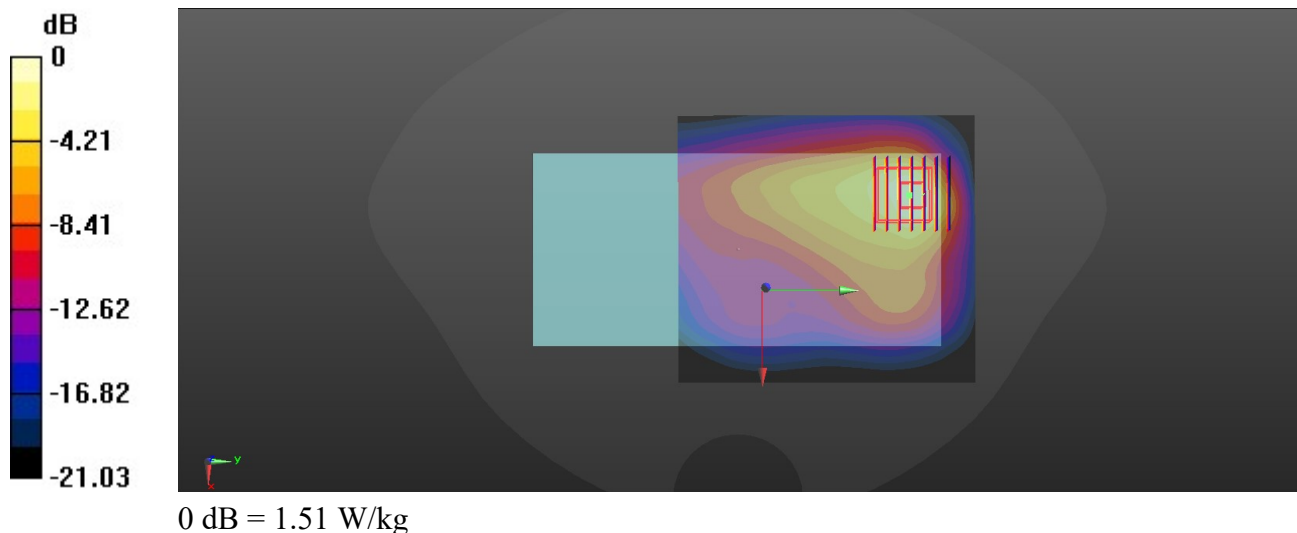
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.638 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



30_WLAN5GHz_802.11n-HT40 MCS0_Back_5mm_Ch46

Communication System: UID 0, WIFI (0); Frequency: 5230 MHz; Duty Cycle: 1:1.067

Medium: HSL_5250_221004 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.739$ S/m; $\epsilon_r = 37.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(5.4, 5.4, 5.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch46/Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

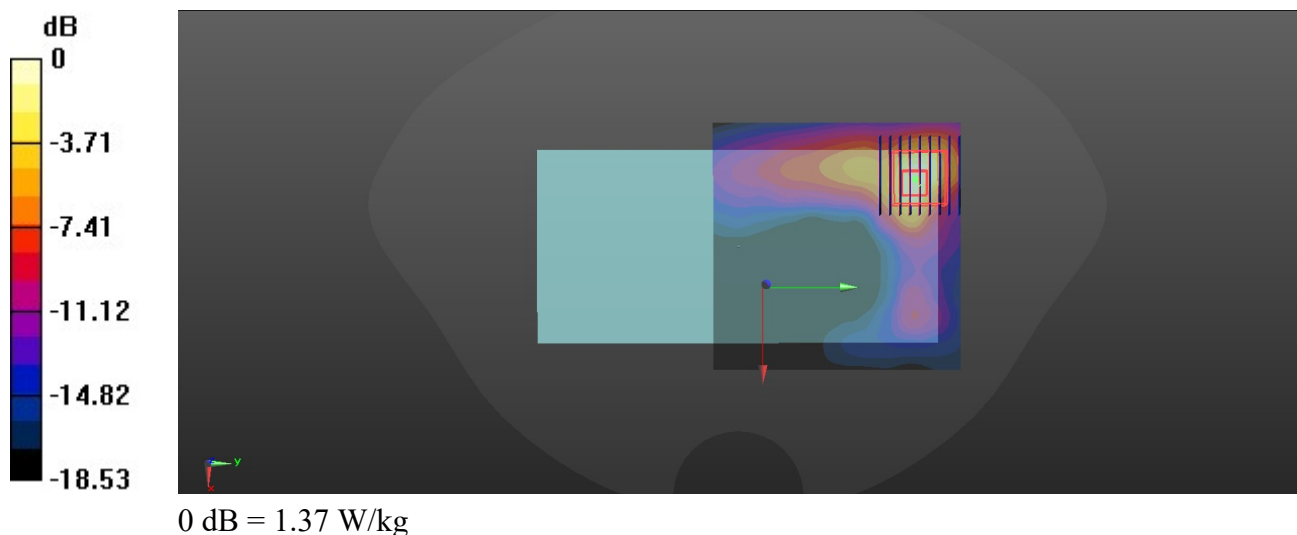
Ch46/Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.225 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.224 W/kg

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



31_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1.133

Medium: HSL_5750_221005 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.403$ S/m; $\epsilon_r = 35.876$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch155/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.87 W/kg

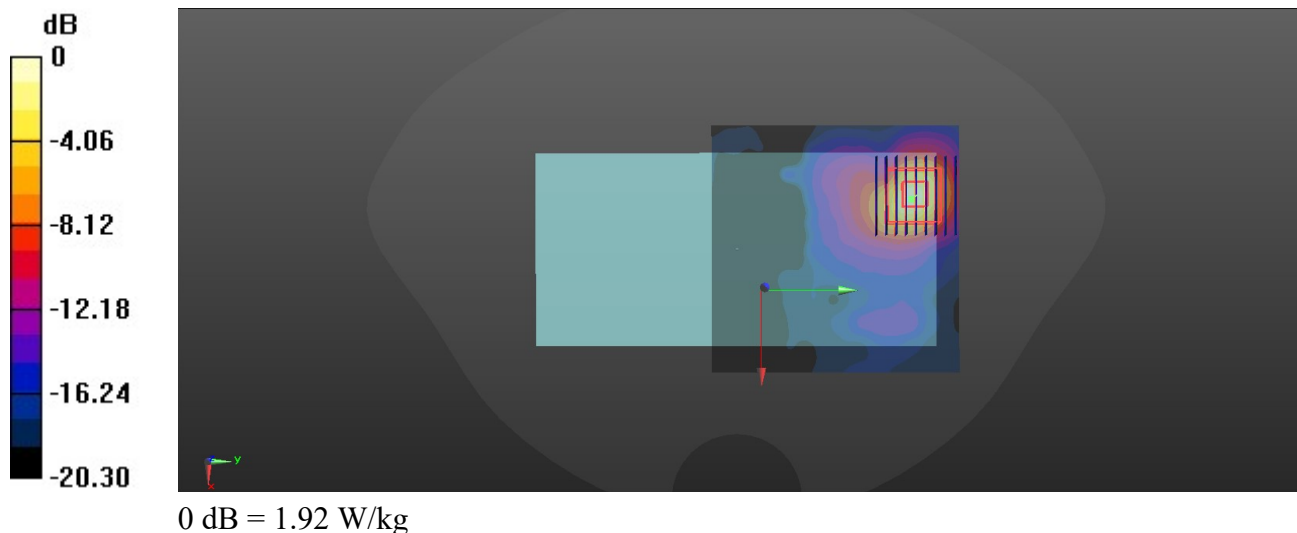
Ch155/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.093 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.00 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 1.92 W/kg



32_LTE Band 13_10M_QPSK_1RB_25Offset_Back_5mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_220928 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 39.981$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.78, 9.78, 9.78); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23230/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.12 W/kg

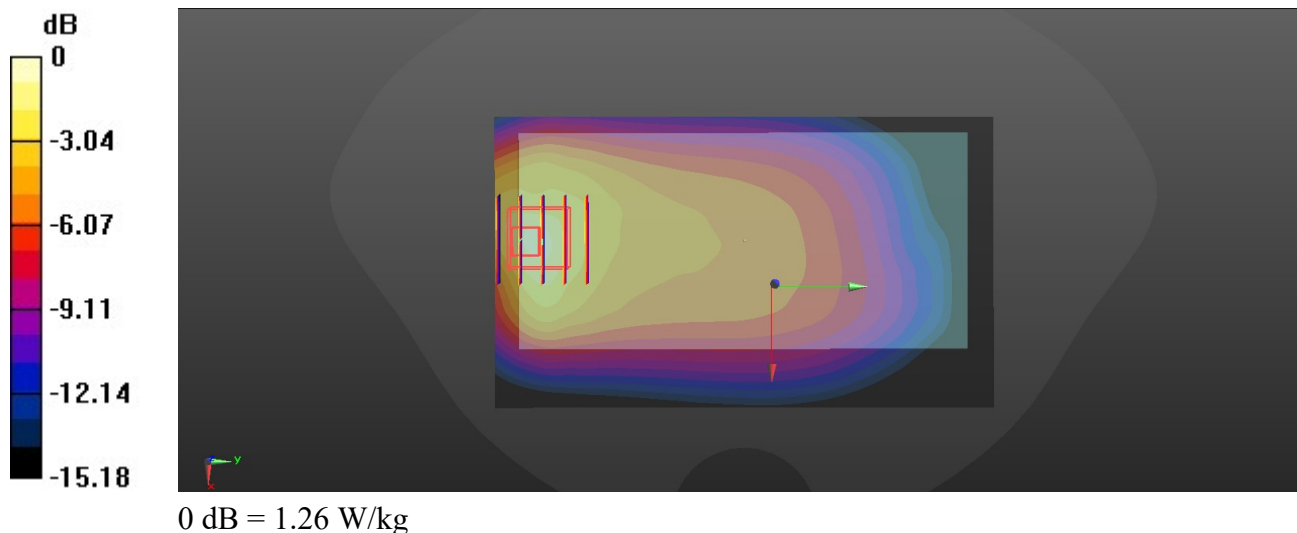
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.66 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.541 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



33_GSM850_GPRS (4 TX slots)_Back_5mm_Ch189

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL_835_220929 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.511$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.55, 9.55, 9.55); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch189/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

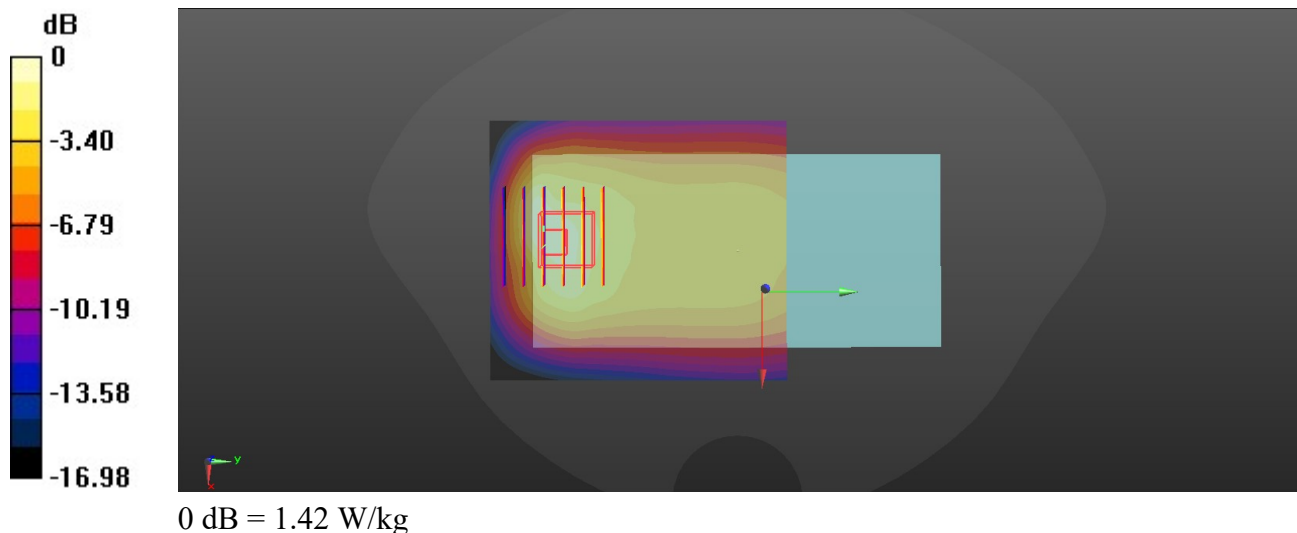
Ch189/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.90 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.597 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



34_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4182

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_220929 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.511$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.55, 9.55, 9.55); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4182/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

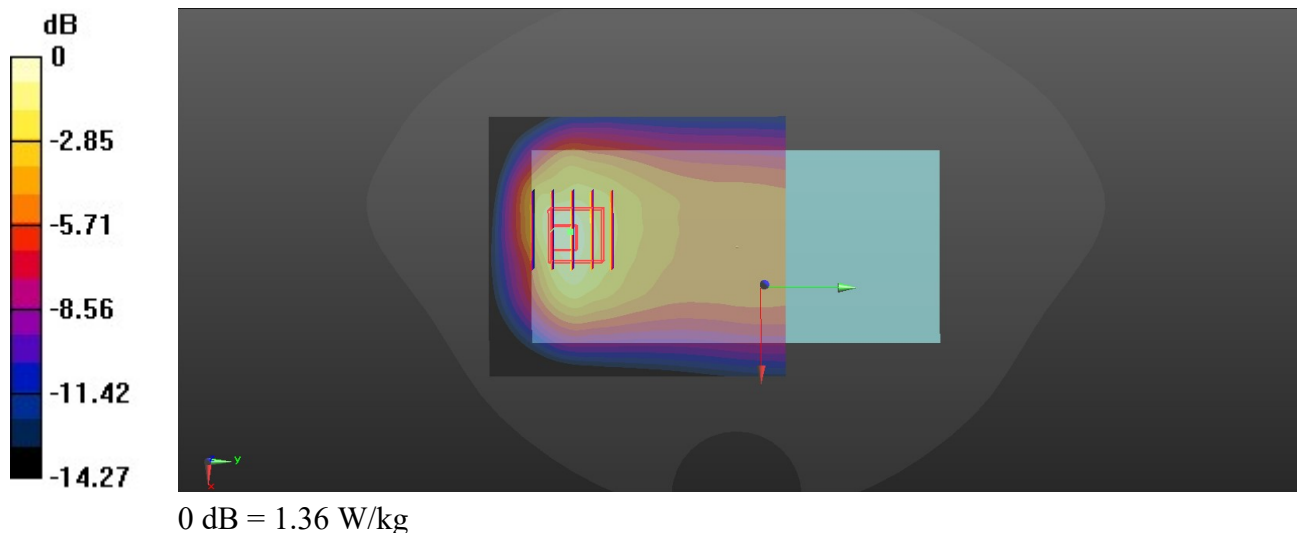
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.548 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.565 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



35_LTE Band 26_15M_QPSK_1RB_37Offset_Back_5mm_Ch26865

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_220929 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 41.553$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.55, 9.55, 9.55); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch26865/Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.93 W/kg

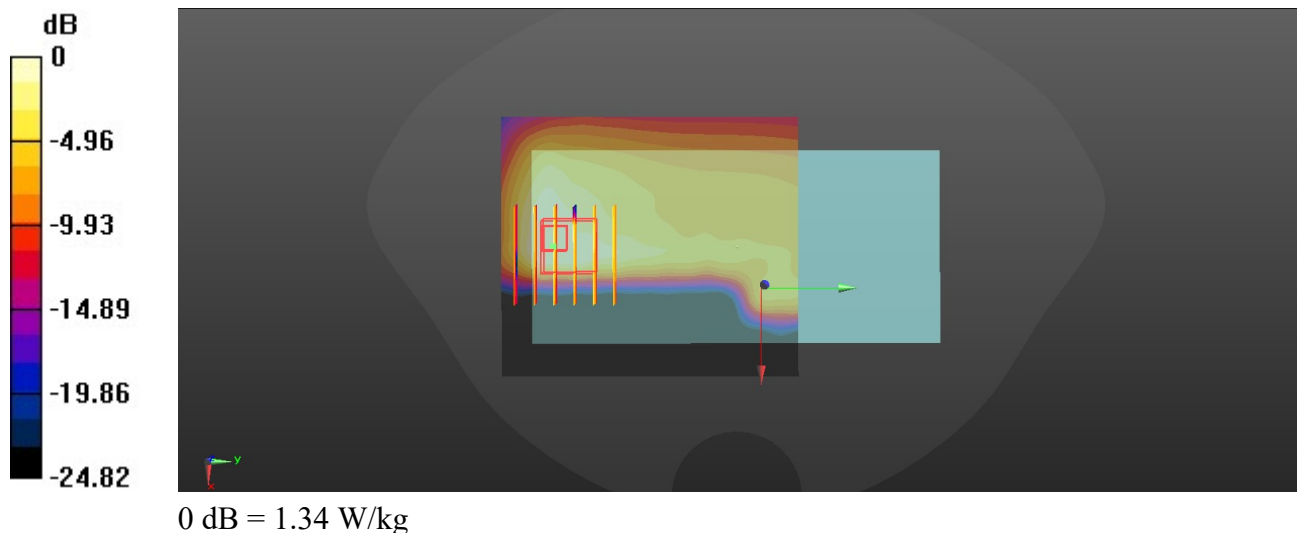
Ch26865/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.201 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.528 W/kg

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



36_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ch1312

Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220930 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 38.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.4, 8.4, 8.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1312/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

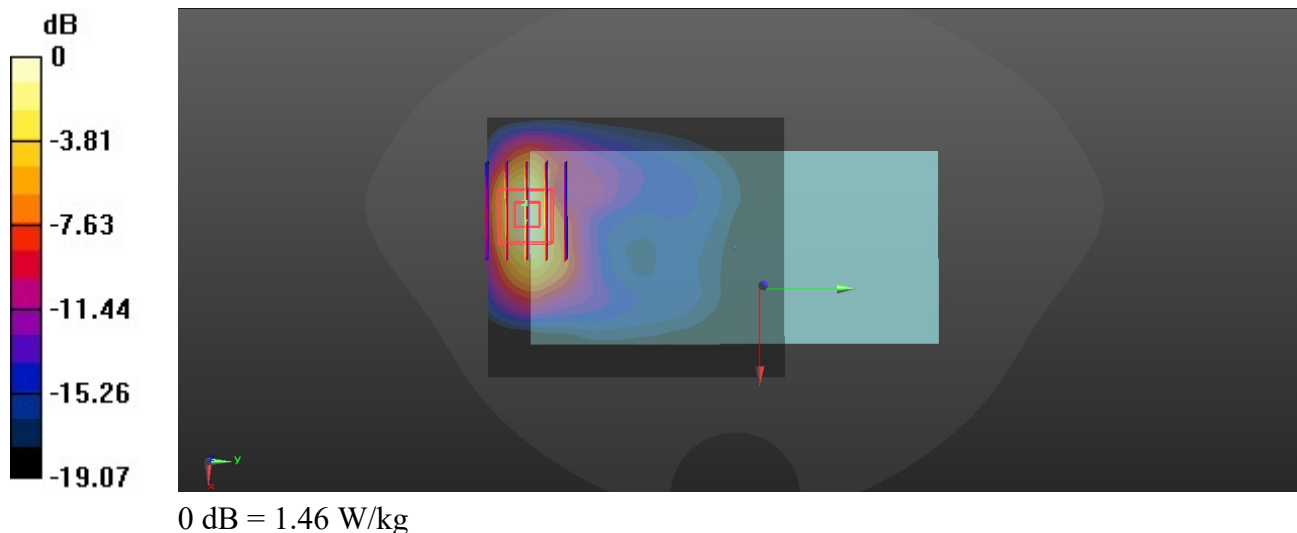
Ch1312/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.134 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



37_LTE Band 66_20M_QPSK_1RB_49Offset_Back_5mm_Ch132072

Communication System: UID 0, LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220930 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 38.529$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.4, 8.4, 8.4); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch132072/Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

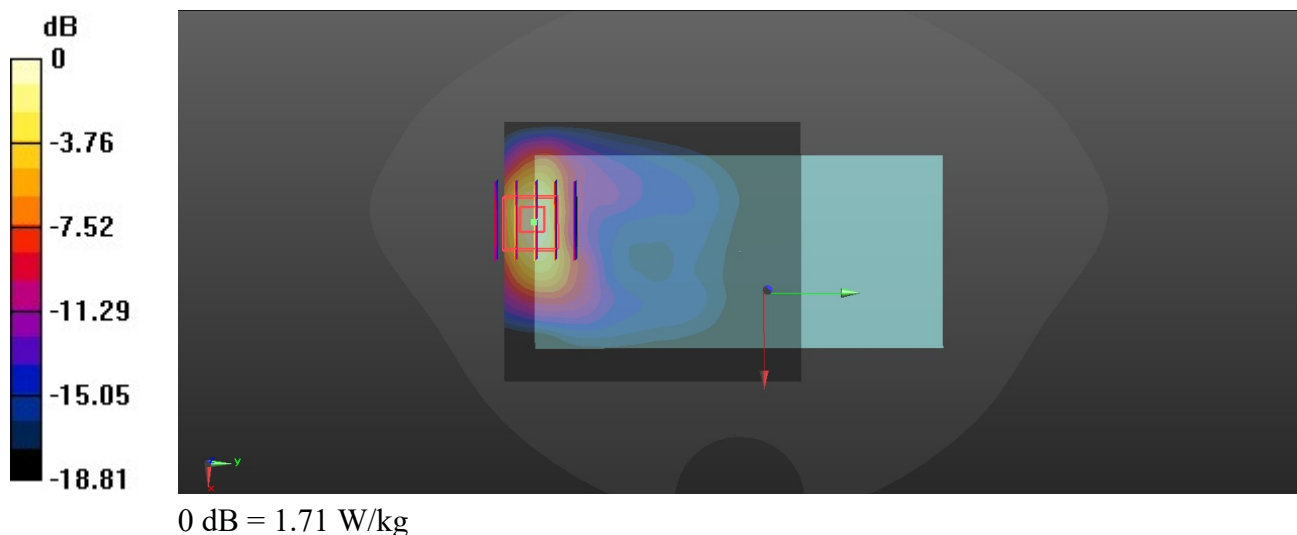
Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.530 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.496 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



38_GSM1900_GPRS (4 TX slots)_Back_5mm_Ch512

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
Medium: HSL_1900_221001 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 41.306$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

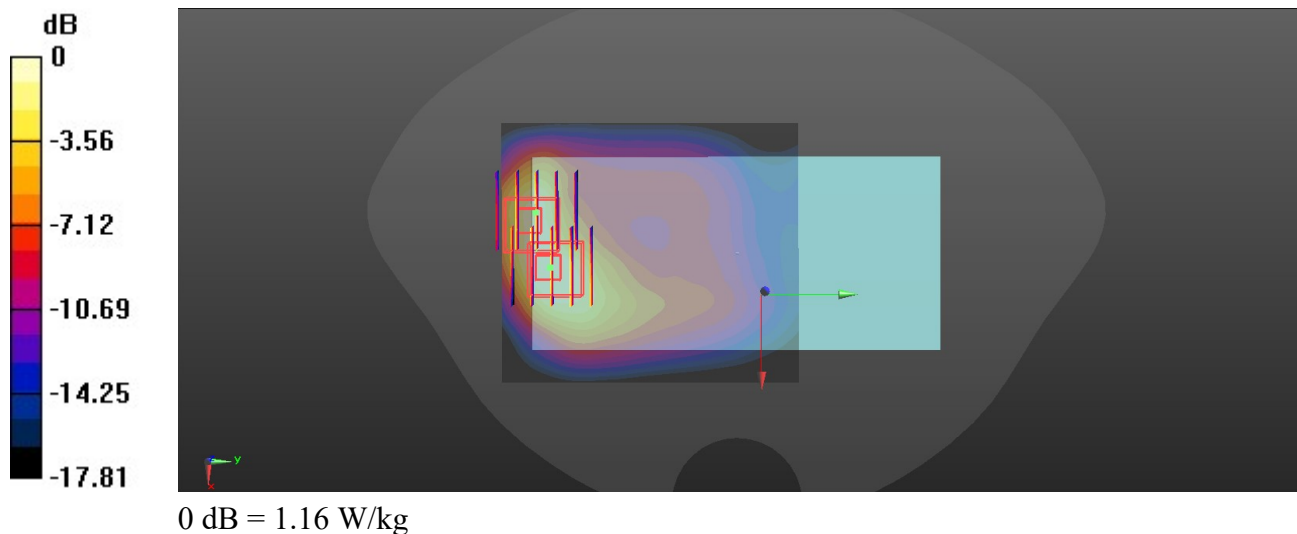
DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch512/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.968 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.475 W/kg
Maximum value of SAR (measured) = 1.39 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.968 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.405 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



39_WCDMA II_RMC 12.2Kbps_Back_5mm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221001 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 41.103$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9538/Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

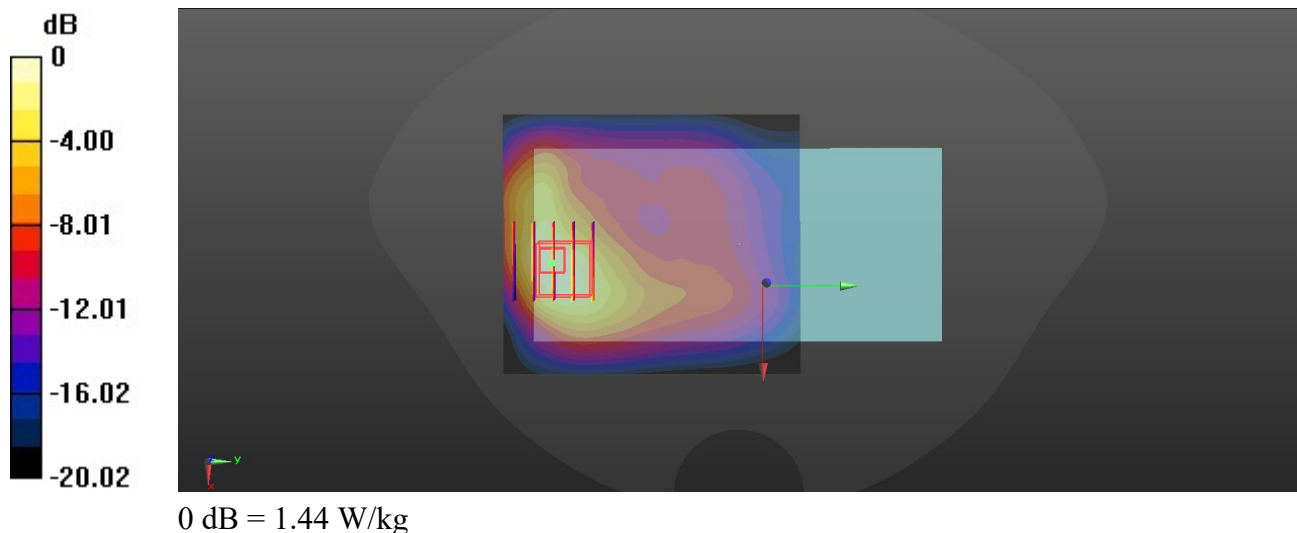
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.433 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.495 W/kg

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



40_LTE Band 2_20M_QPSK_1RB_49Offset_Back_5mm_Ch19100

Communication System: UID 0, LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_221001 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 41.128$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.13, 8.13, 8.13); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch19100/Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

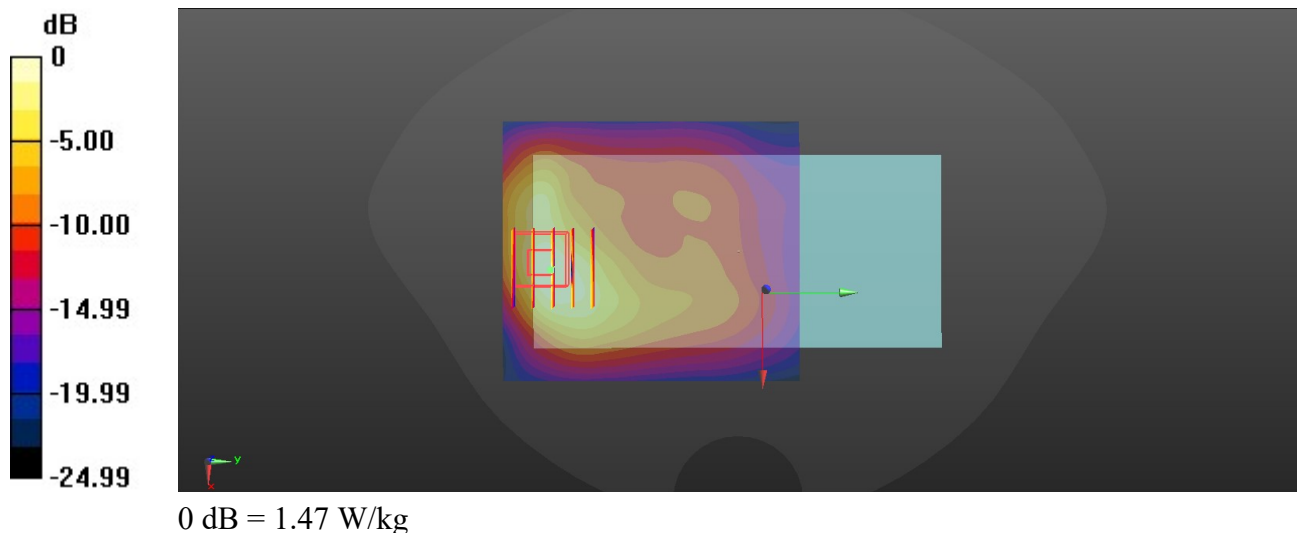
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.423 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



41_LTE Band 7_20M_QPSK_1RB_49Offset_Back_5mm_Ch21350

Communication System: UID 0, LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600_221003 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.009$ S/m; $\epsilon_r = 37.783$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.68, 7.68, 7.68); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21350/Area Scan (91x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

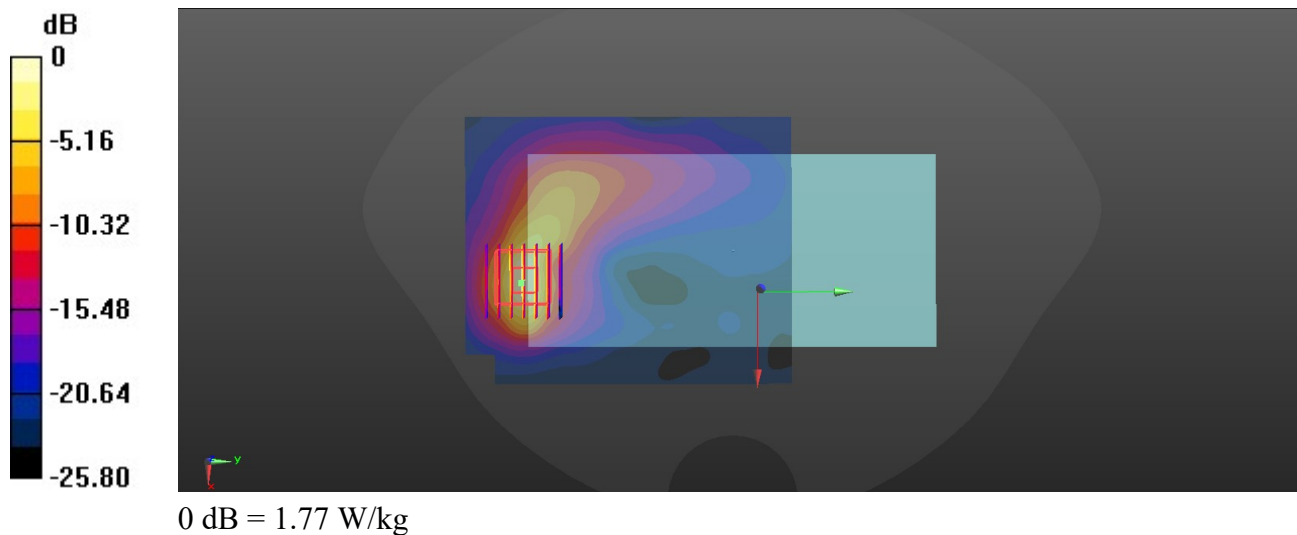
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.796 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.421 W/kg

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



42_LTE Band 38_20M_QPSK_1RB_49Offset_Back_5mm_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_221018 Medium parameters used: $f = 2595$ MHz; $\sigma = 2.049$ S/m; $\epsilon_r = 37.613$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.68, 7.68, 7.68); Calibrated: 2021/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2021/10/26
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch38000/Area Scan (91x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.87 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.770 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 1.95 W/kg

