

P27 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS49

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

Medium: HSL835_1029 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.391$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

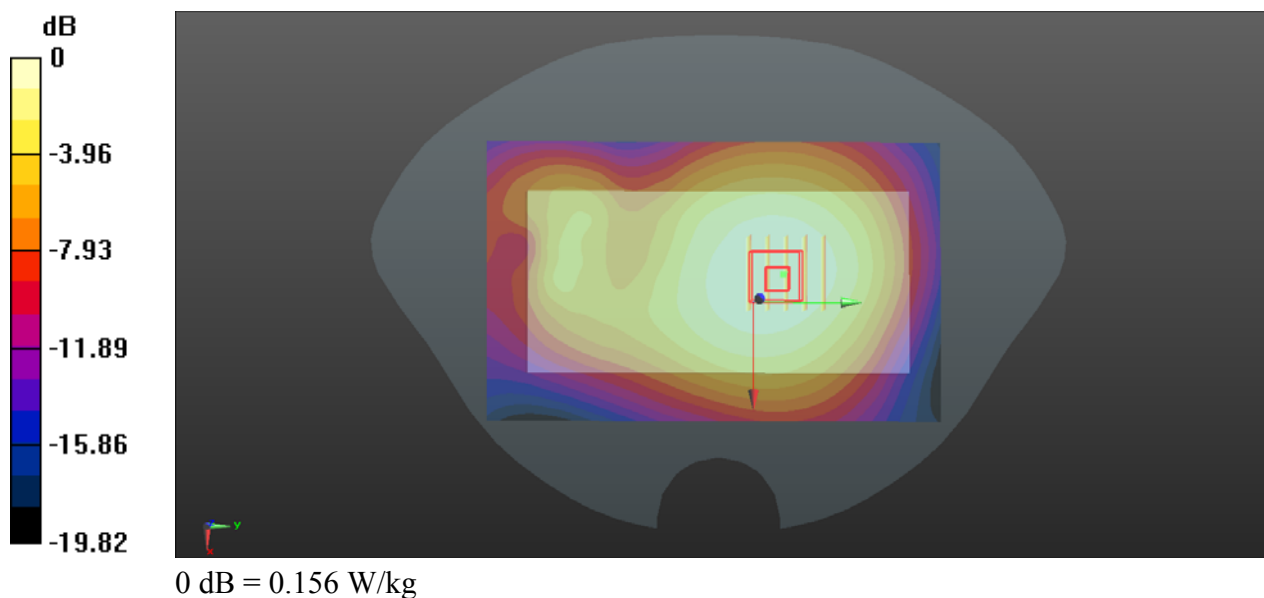
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.015 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



P28 LTE 7_QPSK20M_Rear Face_1cm_Ch21350_1RB_OS0

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

Medium: HSL2600_1103 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x161x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

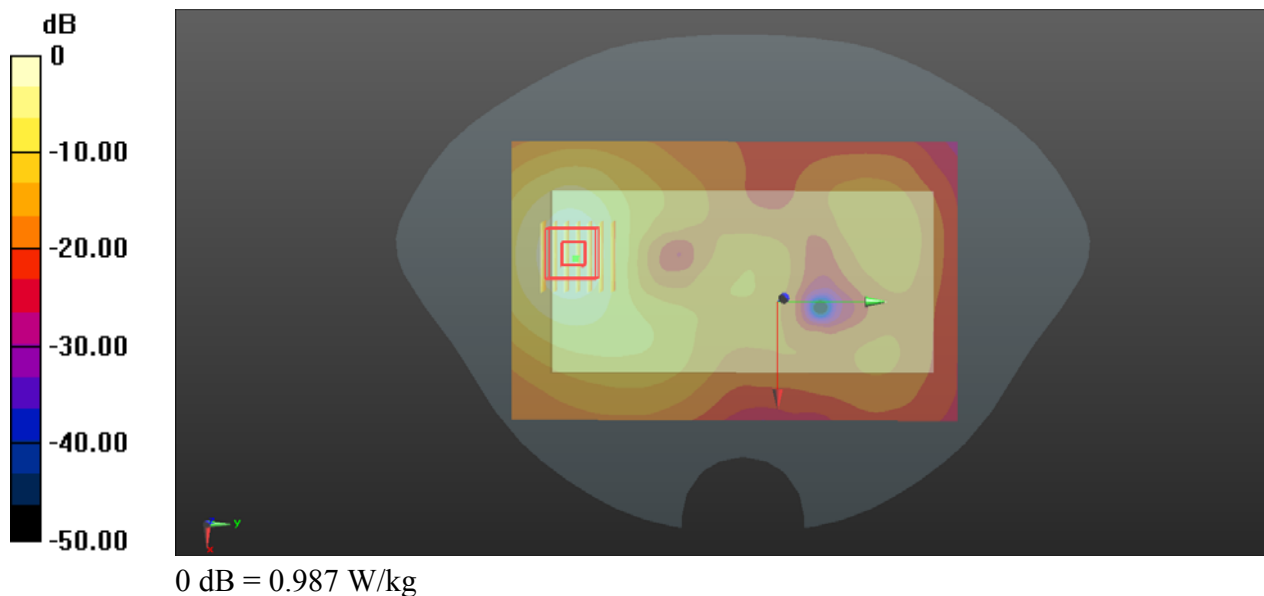
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.363 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.467 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



P29 LTE 12_QPSK10M_Rear Face_1cm_Ch23060_1RB_OS0

Communication System: LTE; Frequency: 704 MHz; Duty Cycle: 1:1

Medium: HSL750_1029 Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 42.431$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0646 W/kg

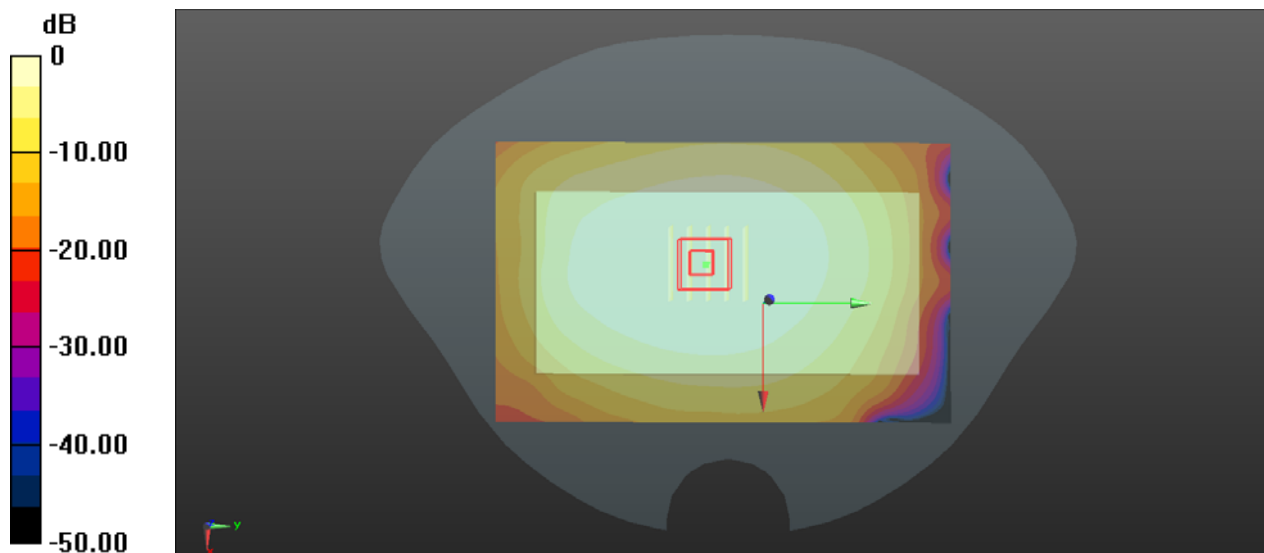
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.499 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.062 W/kg ; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



0 dB = 0.0646 W/kg

P30 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_1RB_OS0

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

Medium: HSL750_1029 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 42.235$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1)**: Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.155 W/kg

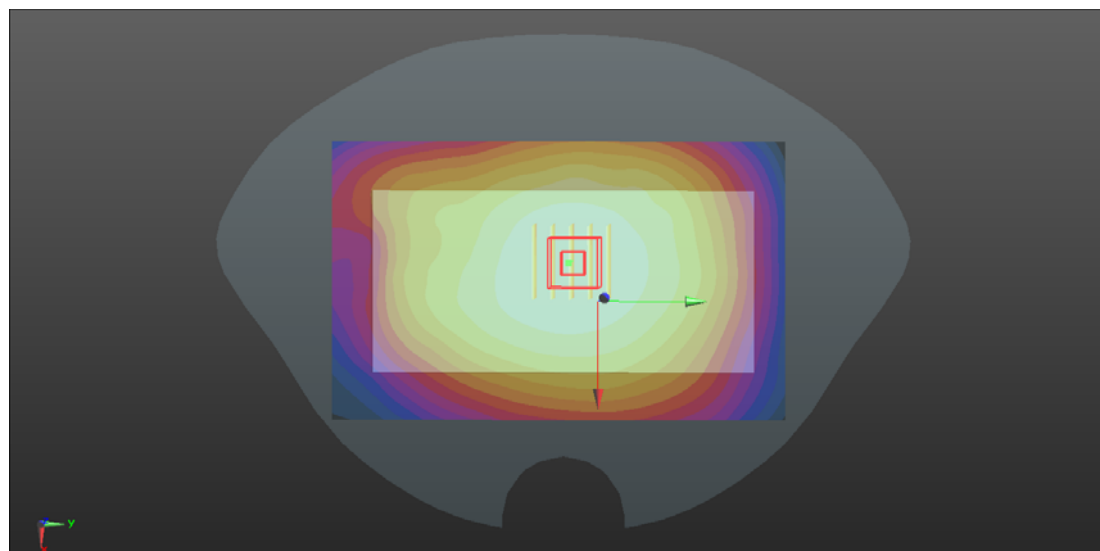
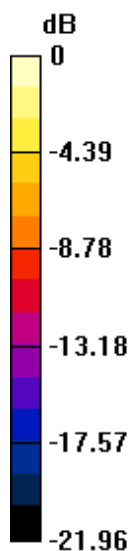
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.277 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.151 W/kg ; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.155 W/kg

P31 LTE 14_QPSK10M_Rear Face_1cm_Ch23330_1RB_OS0

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

Medium: HSL750_1029 Medium parameters used: $f = 793$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.194$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.255 W/kg

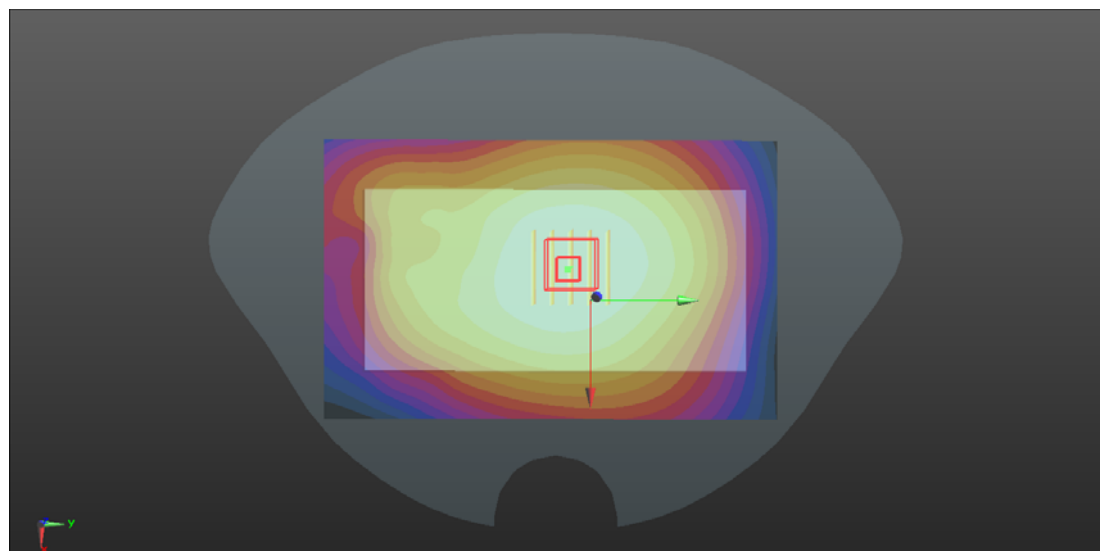
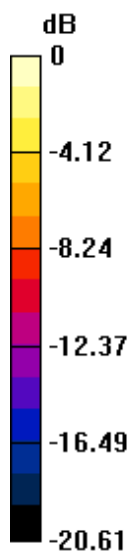
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.463 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.255 W/kg

P32 LTE 25_QPSK20M_Rear Face_1cm_Ch26590_1RB_OS0

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

Medium: HSL1900_1101 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.737$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.960 W/kg

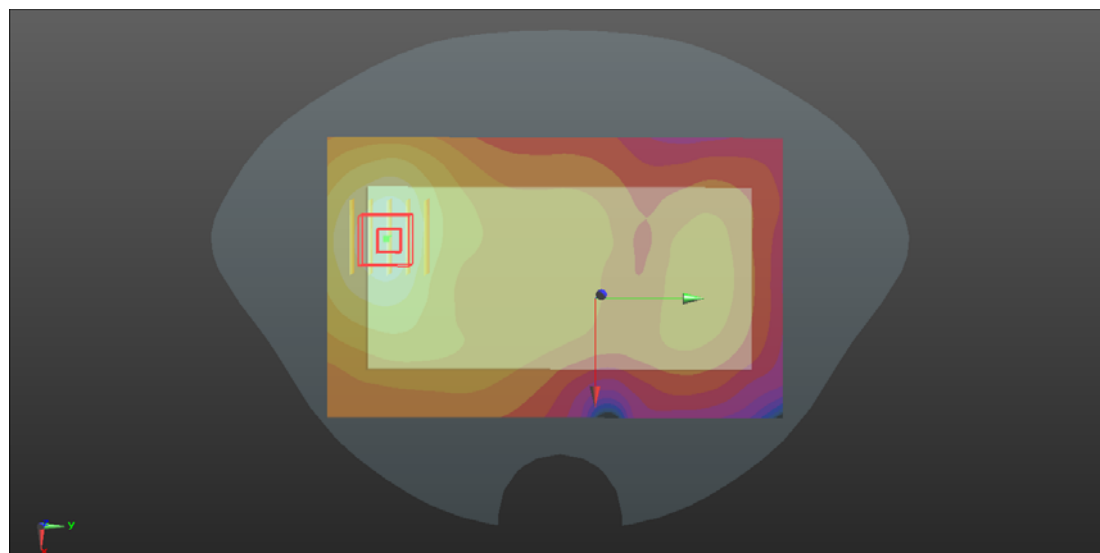
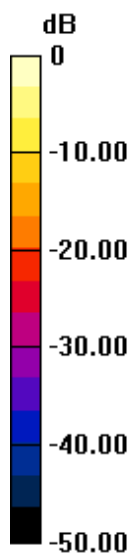
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.494 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.450 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



0 dB = 0.960 W/kg

P33 LTE 26_QPSK15M_Rear Face_1cm_Ch26865_1RB_OS74

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

Medium: HSL835_1029 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.406$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

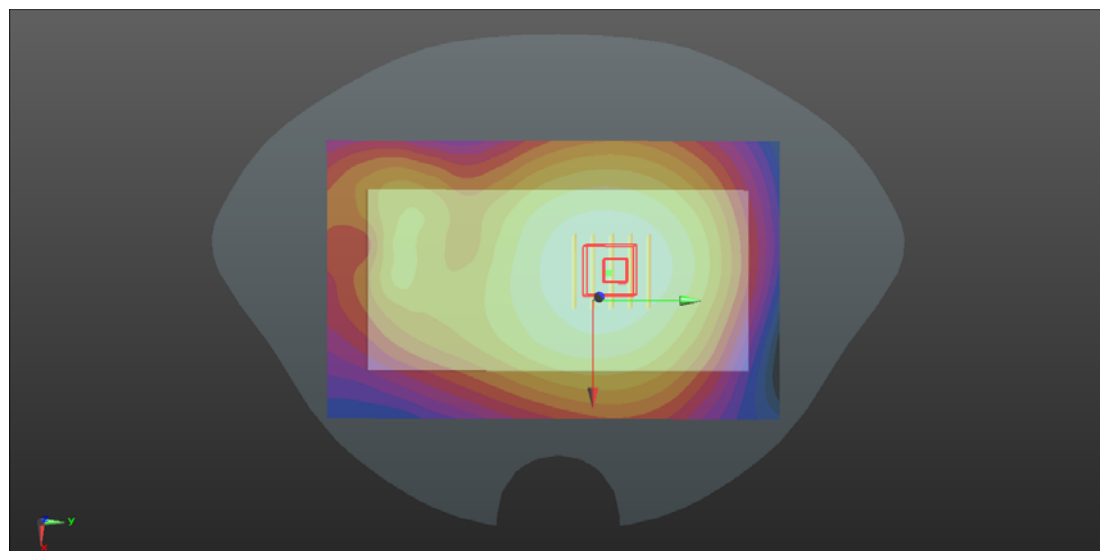
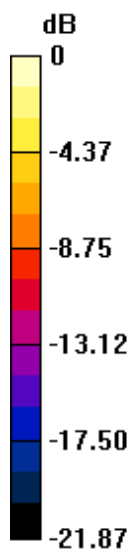
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.835 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.107 W/kg

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



0 dB = 0.152 W/kg

P34 LTE 30_QPSK10M_Rear Face_1cm_Ch27710_1RB_OS0

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

Medium: HSL2300_1102 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.682$ S/m; $\epsilon_r = 39.608$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.86, 4.86, 4.86); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.747 W/kg

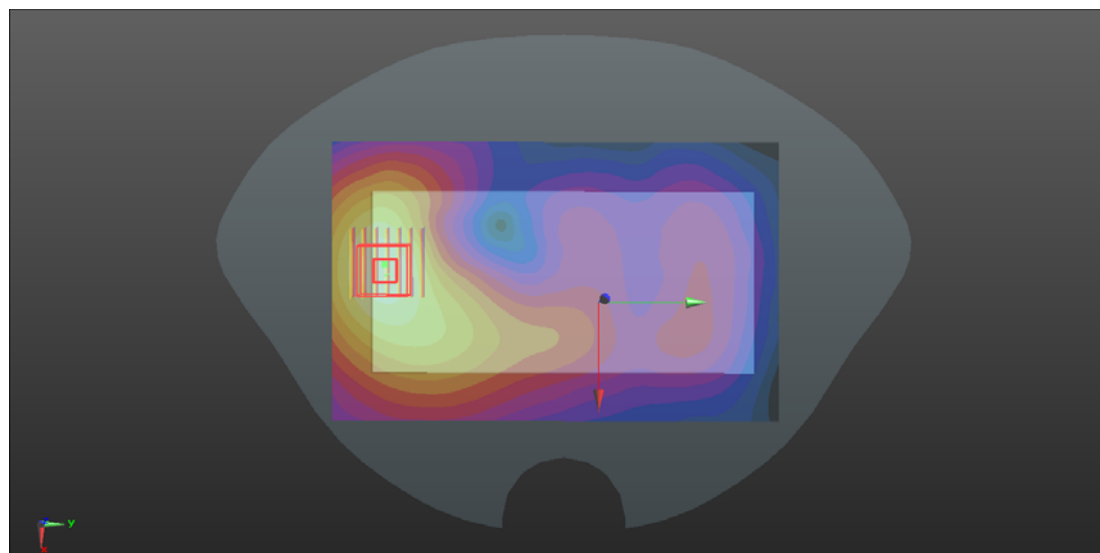
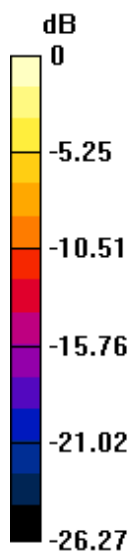
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.660 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.346 W/kg

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



0 dB = 0.747 W/kg

P35 LTE 41_QPSK20M_Rear Face_1cm_Ch40185_1RB_OS0

Communication System: LTE TDD; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_1103 Medium parameters used: $f = 2549.5$ MHz; $\sigma = 1.861$ S/m; $\epsilon_r = 39.433$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.726 W/kg

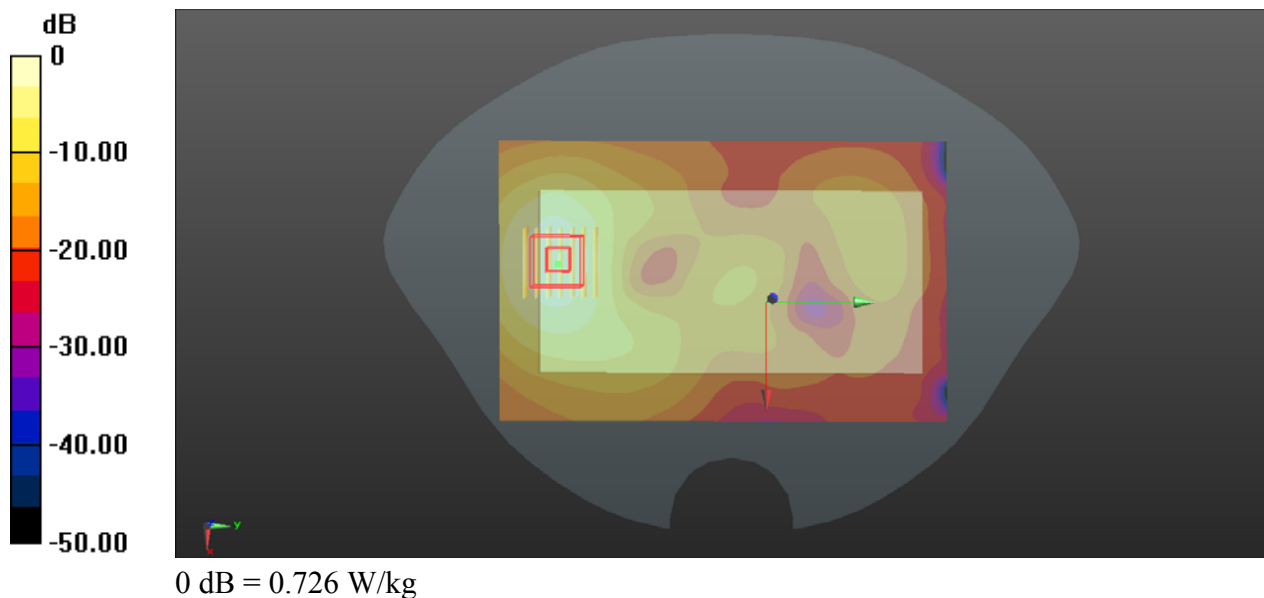
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.541 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.746 W/kg



P36 LTE 66_QPSK20M_Rear Face_1cm_Ch132072_1RB_OS50

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

Medium: HSL1750_1030 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 39.764$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

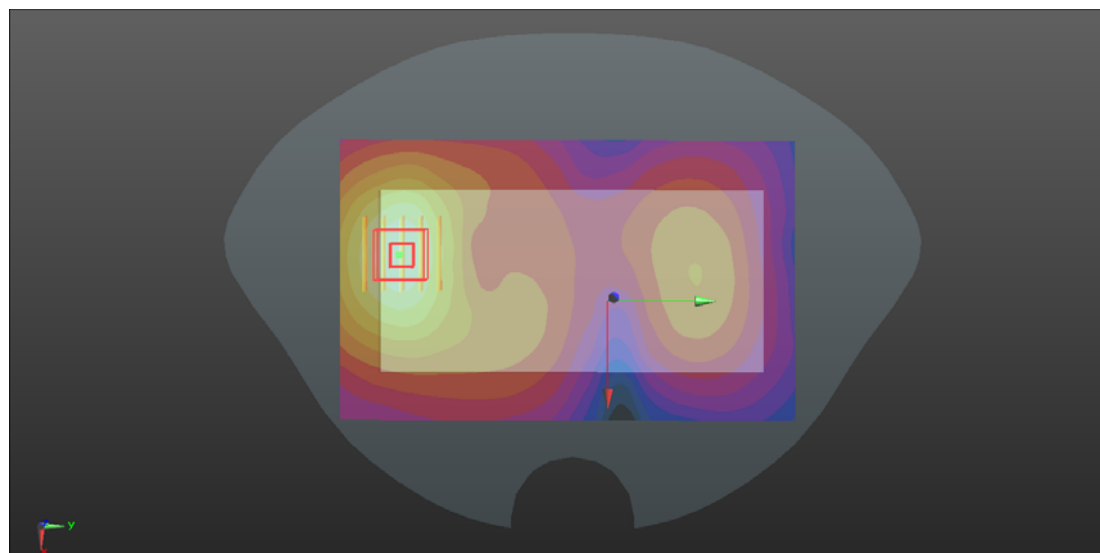
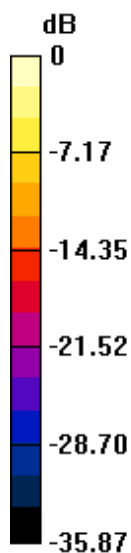
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.285 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 1.04 W/kg

P37 LTE 71_QPSK20M_Rear Face_1cm_Ch133372_1RB_OS50

Communication System: LTE; Frequency: 688 MHz; Duty Cycle: 1:1

Medium: HSL750_1029 Medium parameters used: $f = 688$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.465$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.474 W/kg

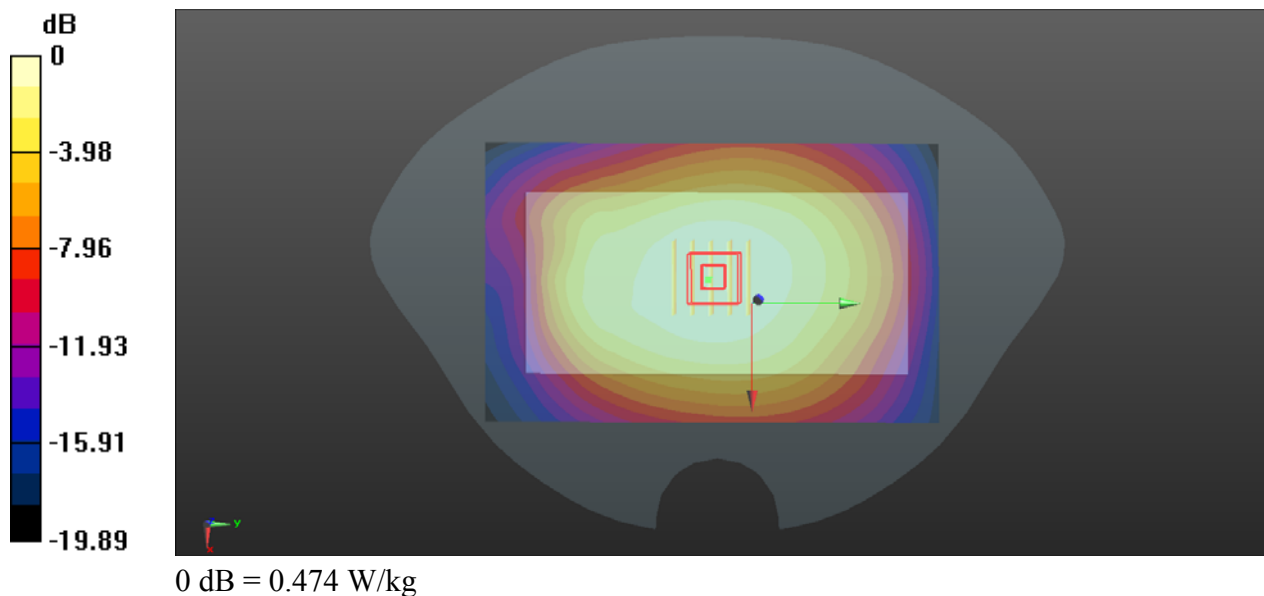
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.054 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.453 W/kg



P38 WLAN2.4G_802.11b_Front Face_1cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450_1102 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.789$ S/m; $\epsilon_r = 39.351$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.9°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0494 W/kg

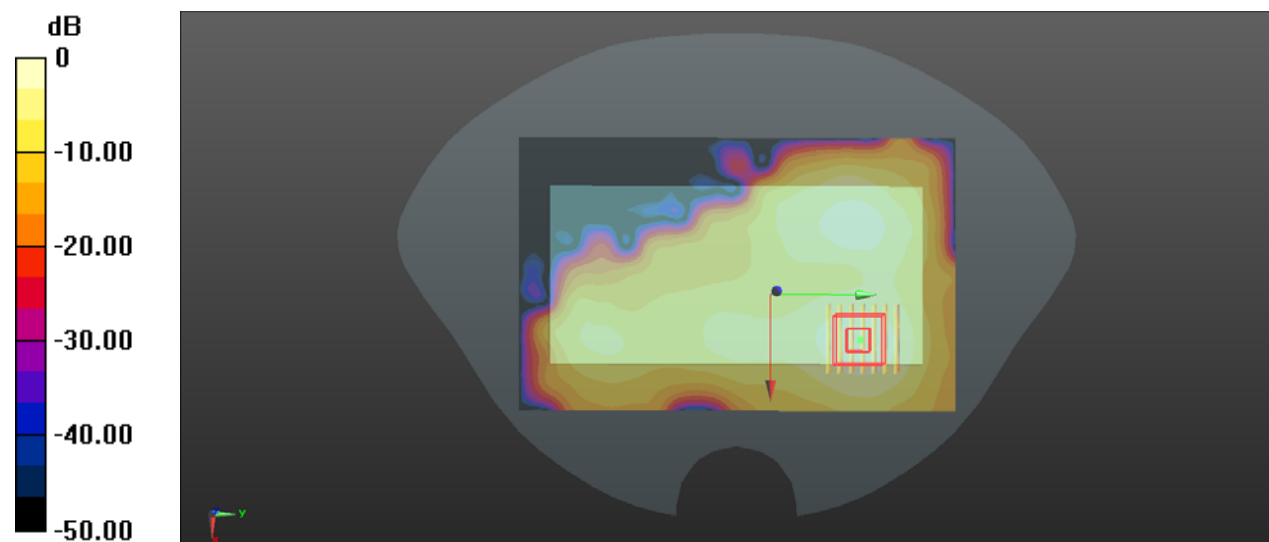
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.823 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0496 W/kg



P39 WLAN5G_802.11a_Rear Face_1cm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL5G_1103 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.809$ S/m; $\epsilon_r = 36.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2021/10/26
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x191x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.54 W/kg

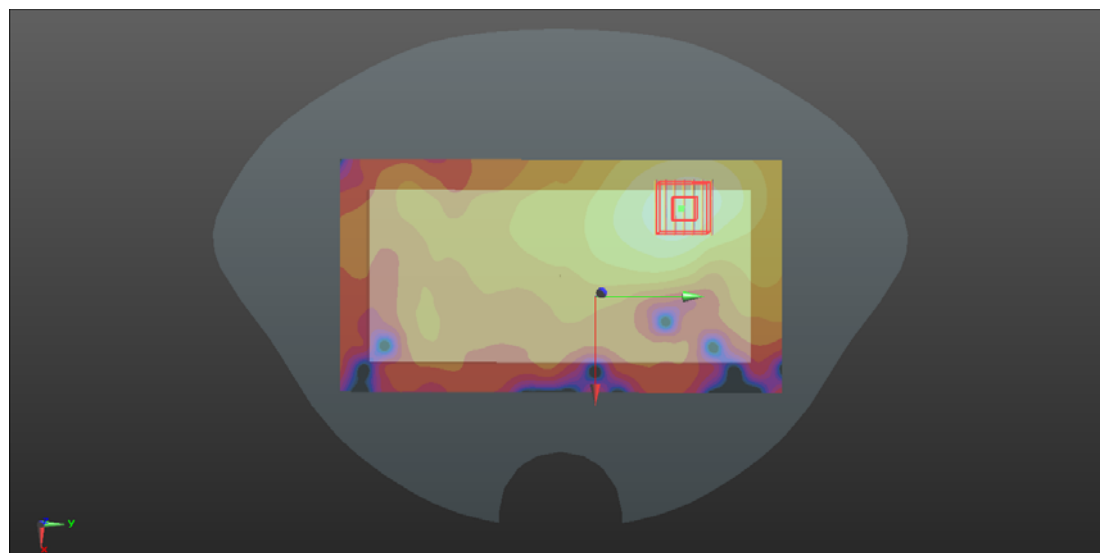
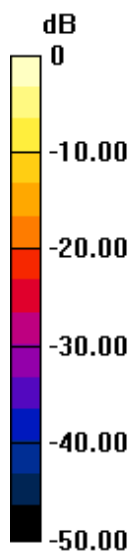
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.597 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg

P40 WLAN5G_802.11a_Rear Face_1cm_Ch144

Communication System: 802.11a; Frequency: 5720 MHz; Duty Cycle: 1:1

Medium: HSL5G_1104 Medium parameters used: $f = 5720$ MHz; $\sigma = 5.337$ S/m; $\epsilon_r = 35.895$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2021/10/26
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x191x1)**: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.09 W/kg

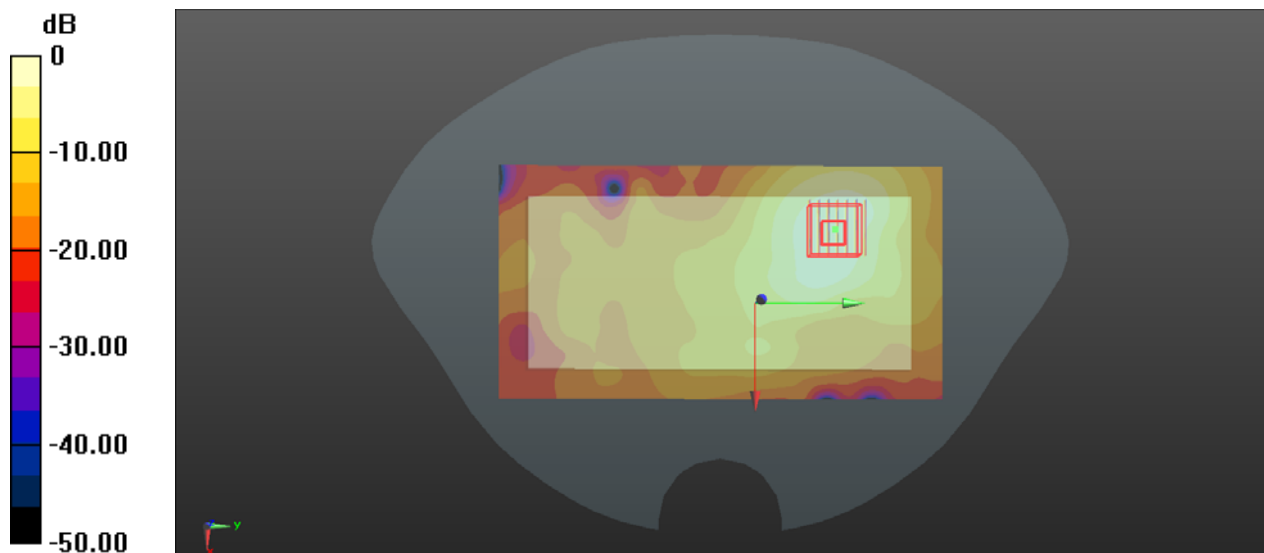
- **Zoom Scan (7x7x12)/Cube 0**: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.864 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.09 W/kg

P41 WLAN5G_802.11a_Rear Face_1cm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL5G_1104 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.358$ S/m; $\epsilon_r = 35.856$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2021/10/26
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x191x1)**: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.40 W/kg

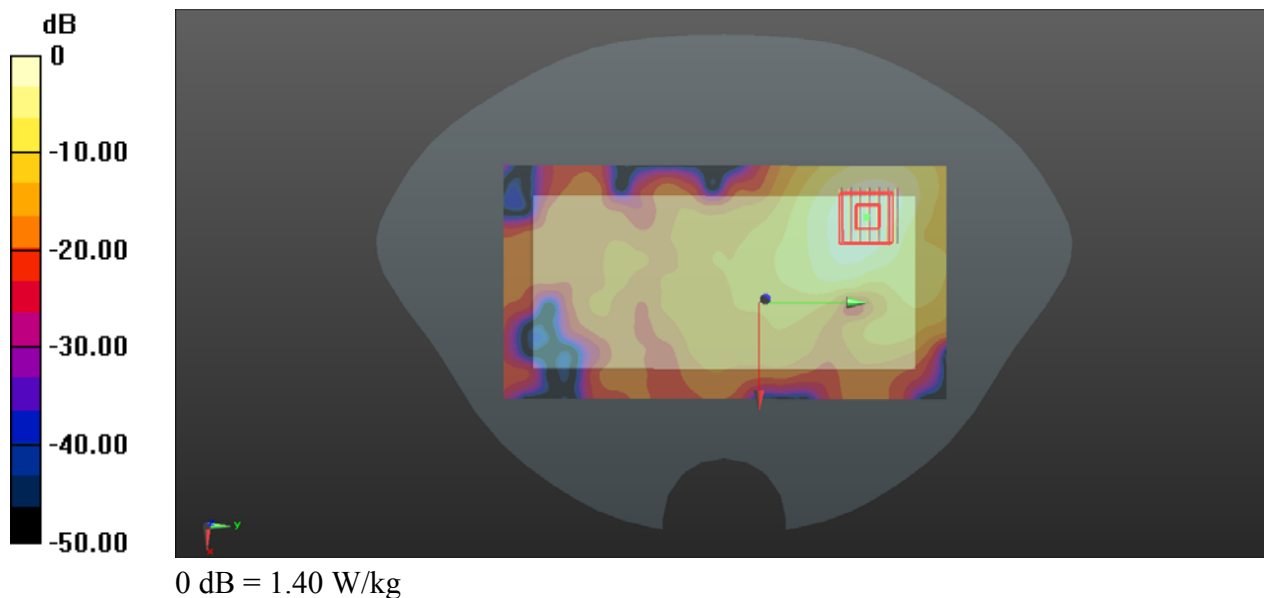
- **Zoom Scan (7x7x12)/Cube 0**: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.529 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.248 W/kg

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



P42 BT_GFSK_Rear Face_1cm_Ch78

Communication System: BT; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: HSL2450_1102 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 39.325$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.9°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0170 W/kg

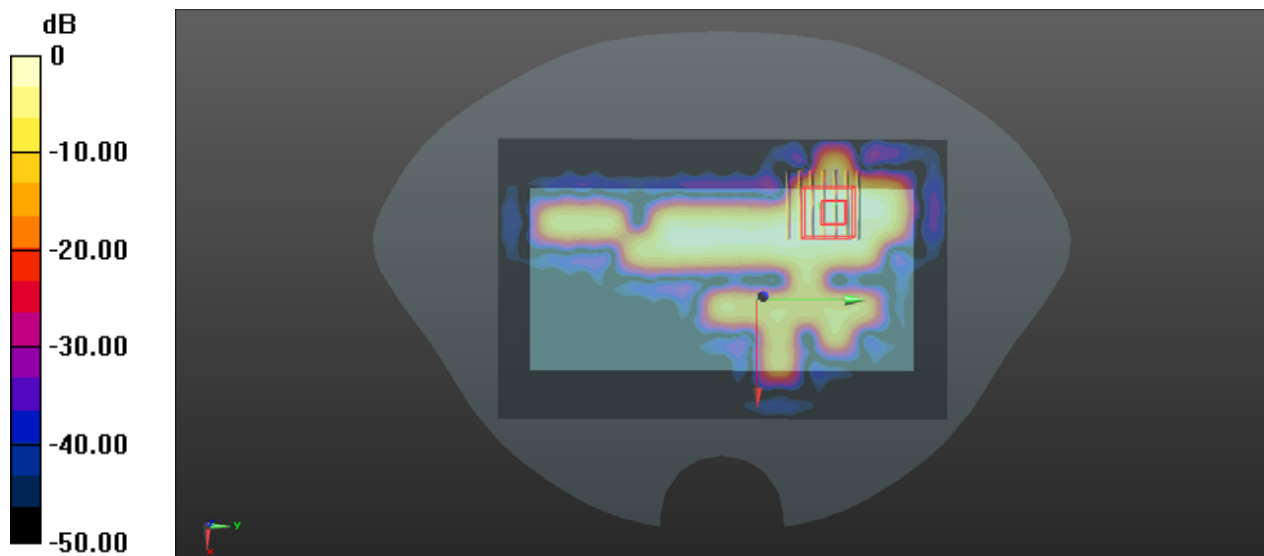
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.157 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0320 W/kg

SAR(1 g) = 0.0093 W/kg; SAR(10 g) = 0.00398 W/kg

Maximum value of SAR (measured) = 0.0112 W/kg



P43 GSM850_GPRS10_Rear Face_1cm_Ch128

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: HSL835_1029 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 42.426$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.581 W/kg

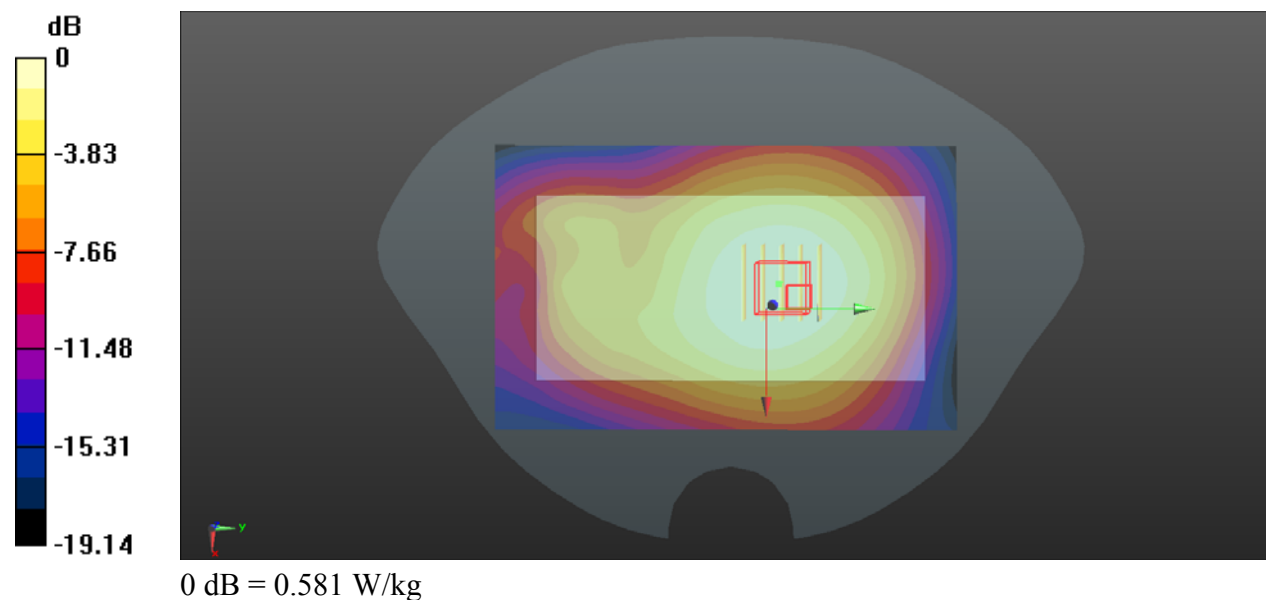
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.080 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 0.576 W/kg



P44 GSM1900_GPRS11_Rear Face_1cm_Ch810

Communication System: GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: HSL1900_1101 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 39.739$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.773 W/kg

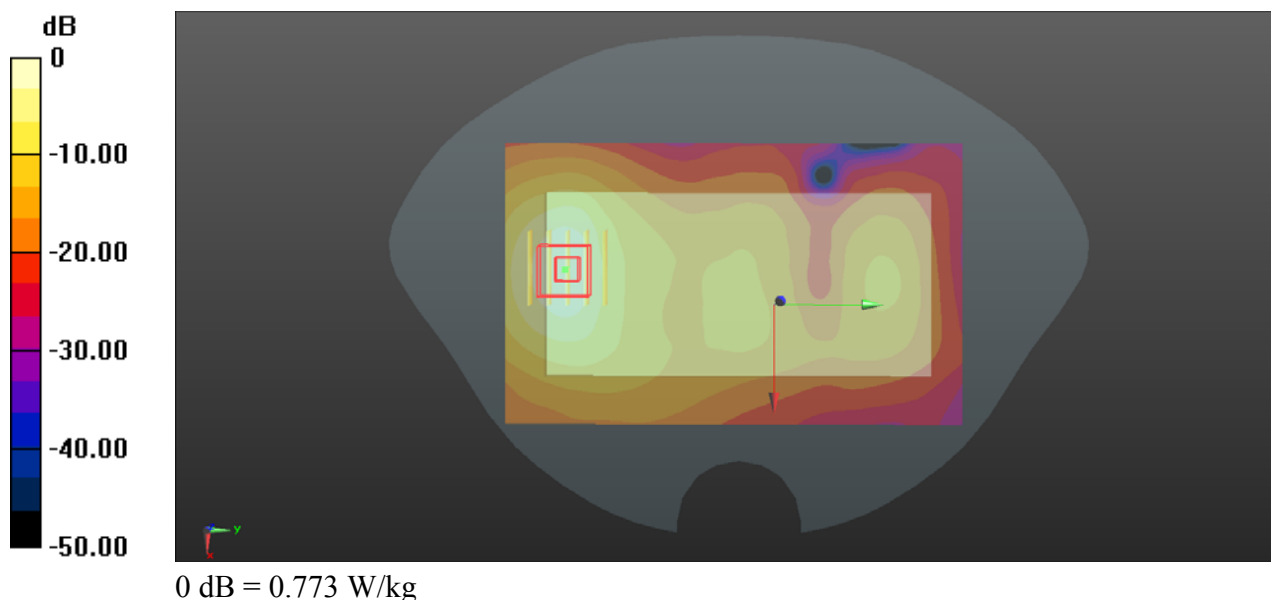
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.235 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 0.752 W/kg



P45 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400

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

Medium: HSL1900_1101 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 39.73$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

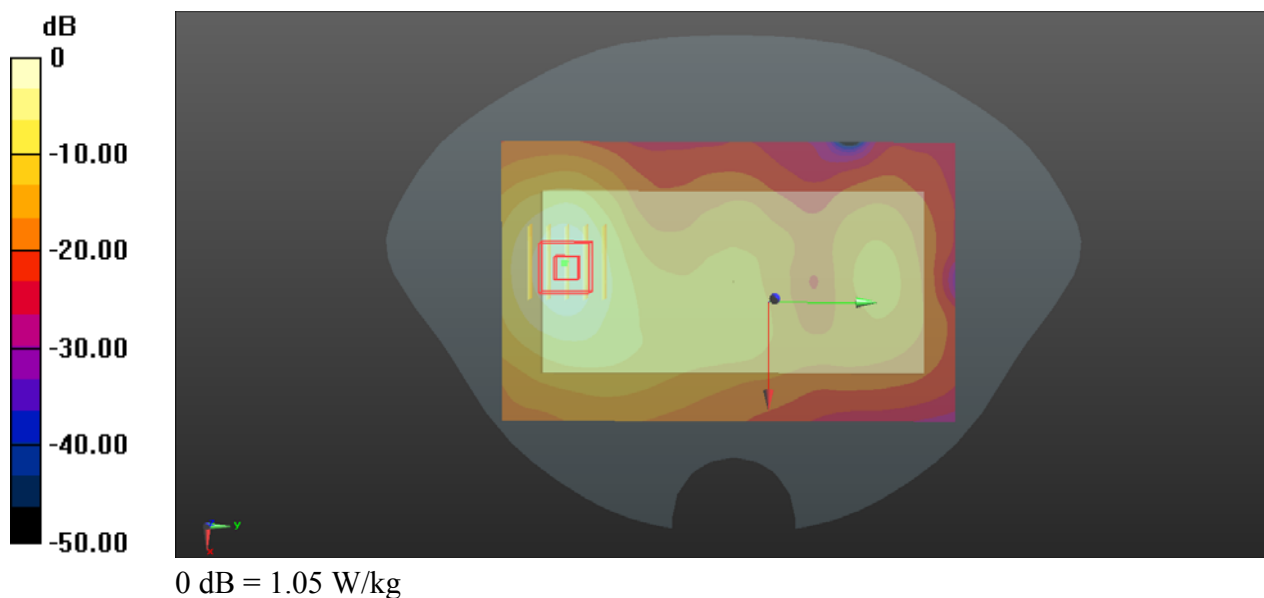
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.310 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.515 W/kg

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



P46 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1312

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

Medium: HSL1750_1030 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 39.782$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

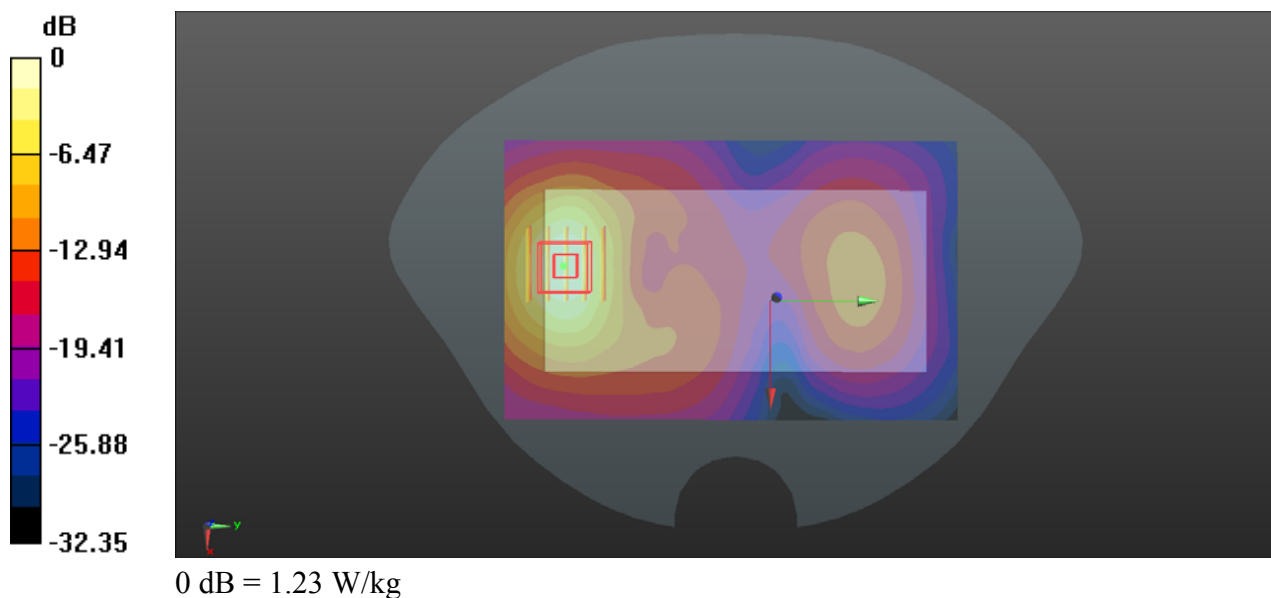
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.538 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.577 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



P47 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL835_1029 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 42.419$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.441 W/kg

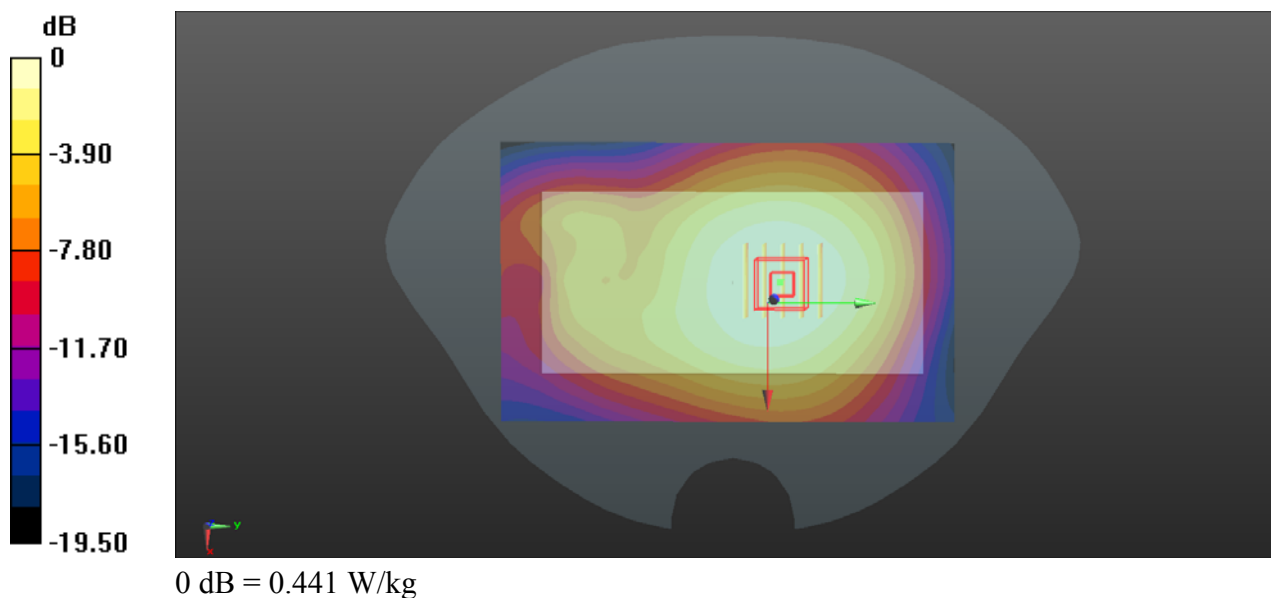
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.275 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 0.440 W/kg



P48 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS49

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

Medium: HSL835_1029 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 42.391$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.156 W/kg

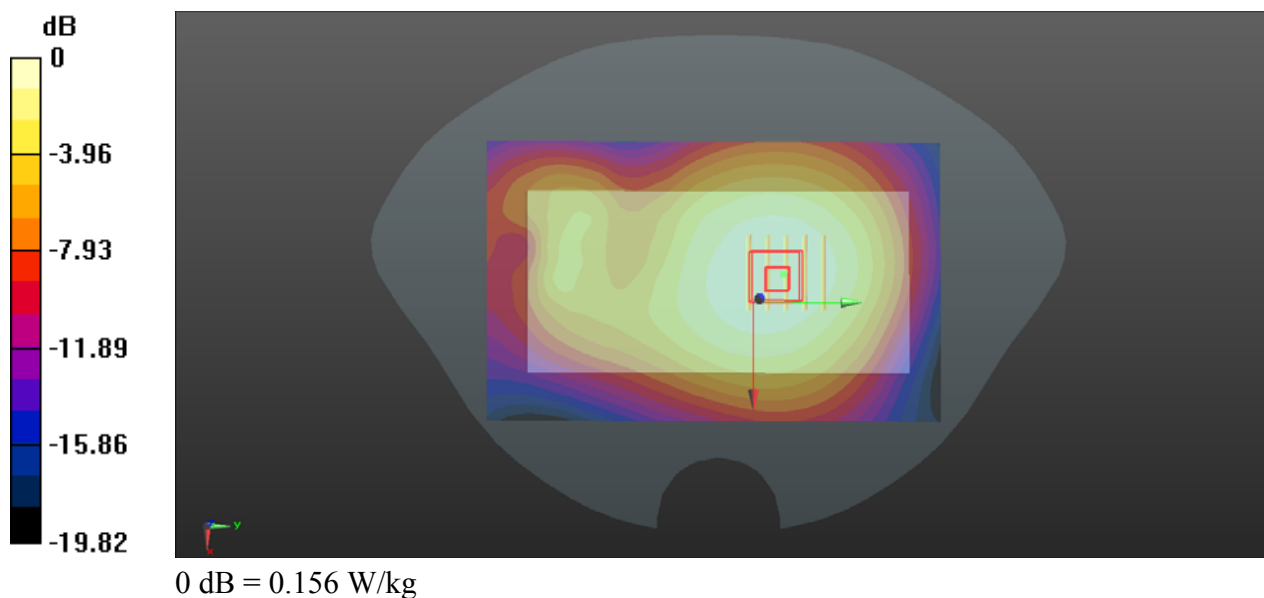
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.015 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



P49 LTE 7_QPSK20M_Bottom Side_1cm_Ch21350_1RB_OS0

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

Medium: HSL2600_1103 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.980 W/kg

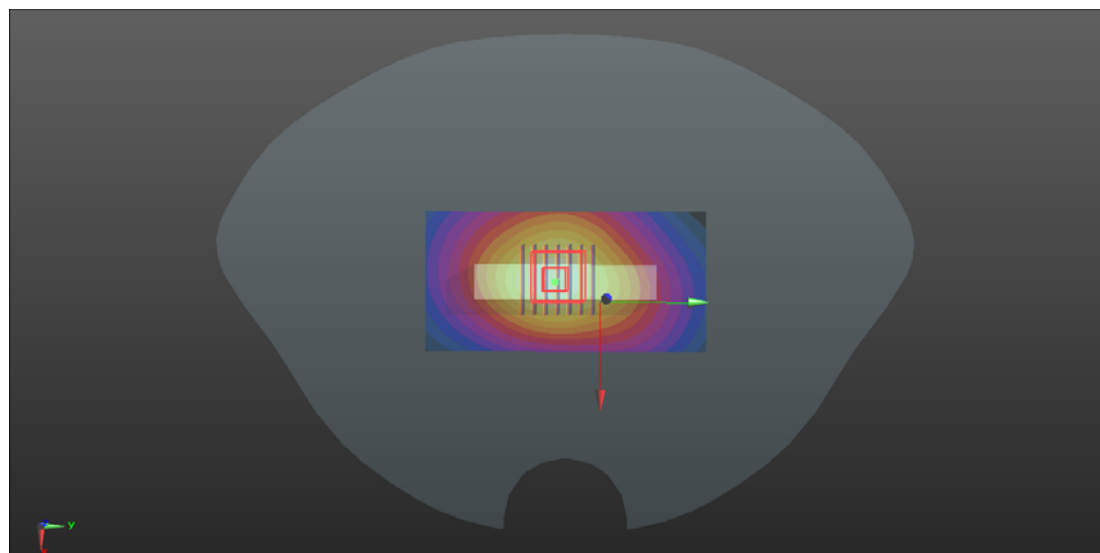
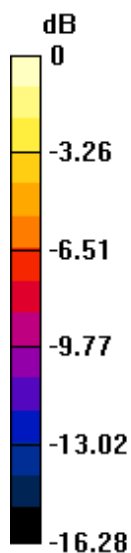
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.830 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 0.980 W/kg

P50 LTE 12_QPSK10M_Rear Face_1cm_Ch23060_1RB_OS0

Communication System: LTE; Frequency: 704 MHz; Duty Cycle: 1:1

Medium: HSL750_1029 Medium parameters used: $f = 704$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.431$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0646 W/kg

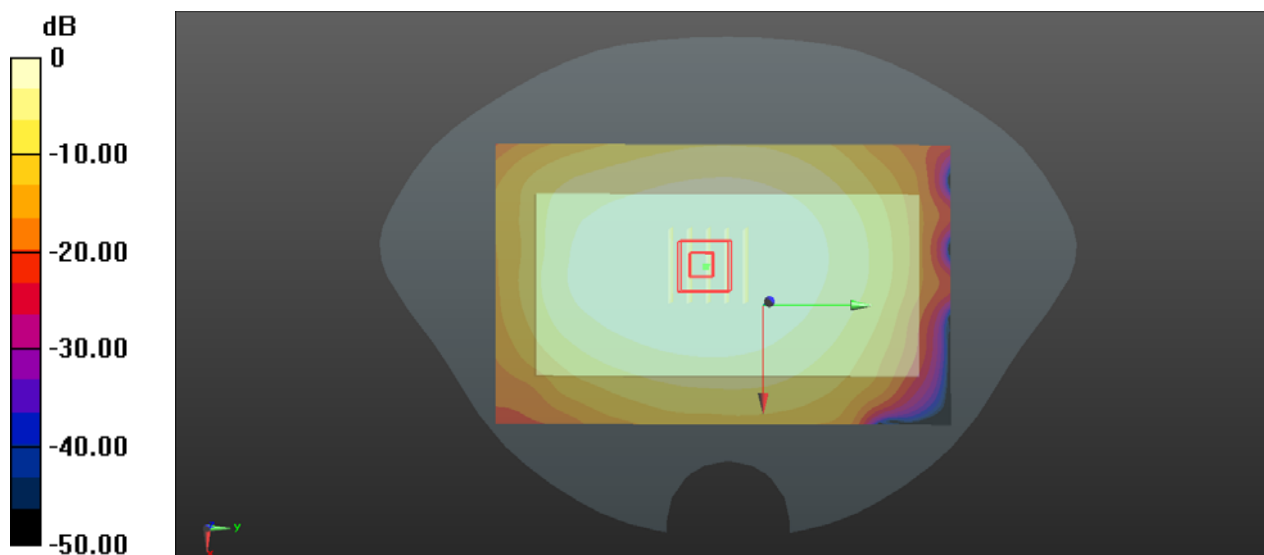
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.499 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



0 dB = 0.0646 W/kg

P51 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_1RB_OS0

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

Medium: HSL750_1029 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 42.235$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.155 W/kg

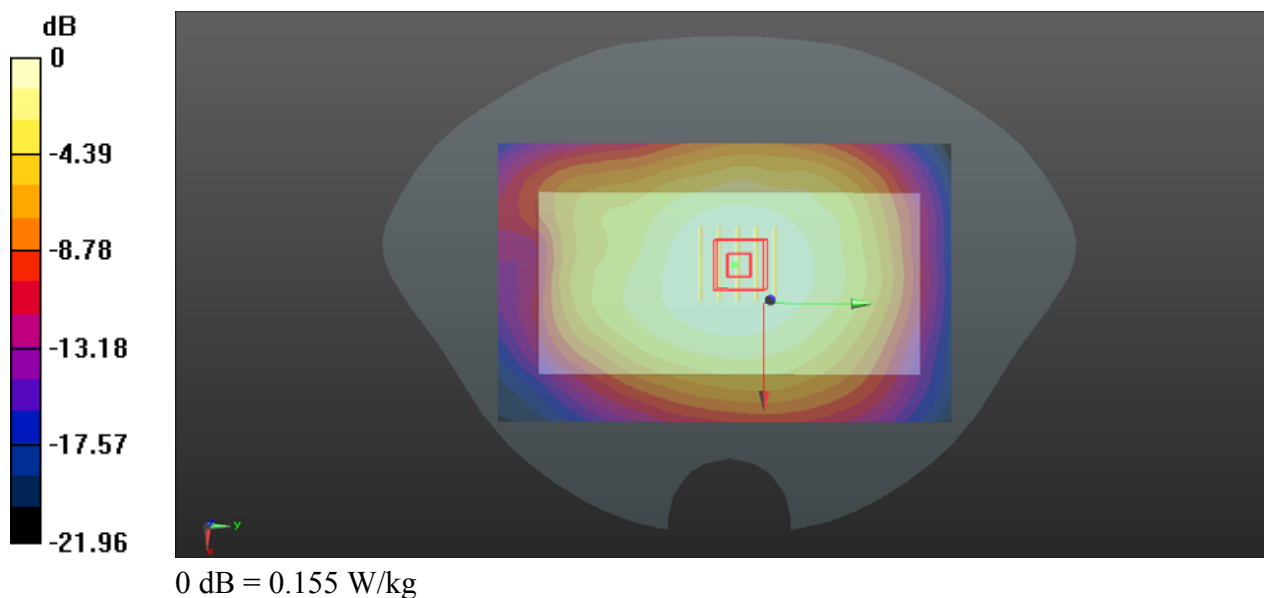
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.277 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.151 W/kg ; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.162 W/kg



P52 LTE 14_QPSK10M_Rear Face_1cm_Ch23330_1RB_OS0

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

Medium: HSL750_1029 Medium parameters used: $f = 793$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.194$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.255 W/kg

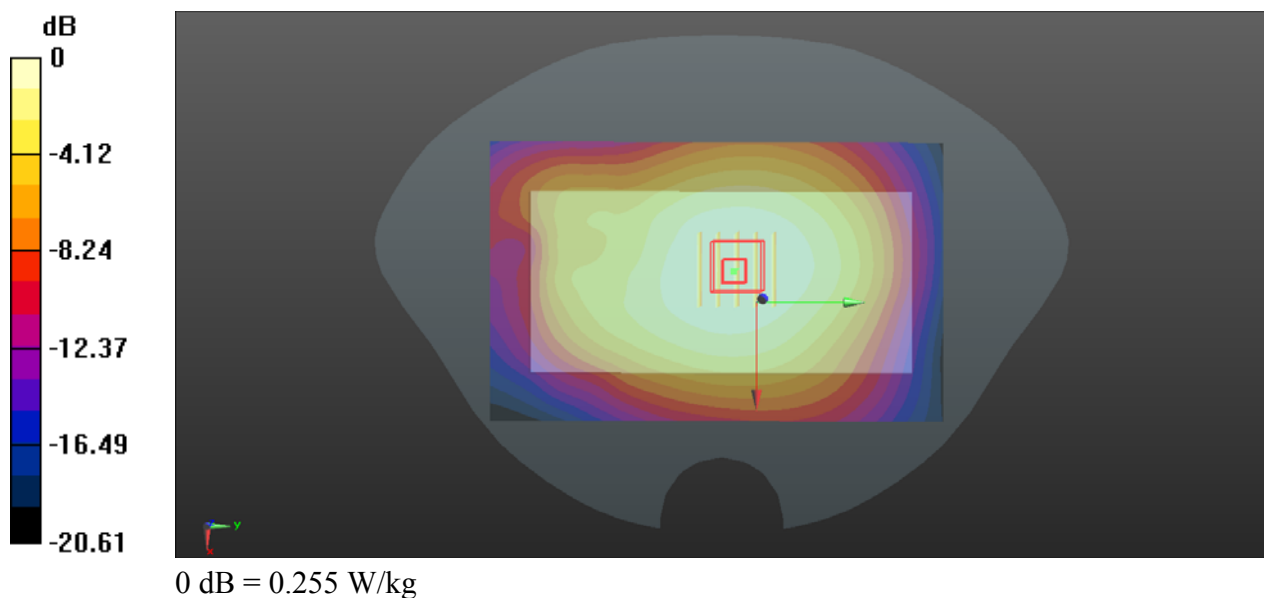
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.463 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



P53 LTE 25_QPSK20M_Rear Face_1cm_Ch26590_1RB_OS0

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

Medium: HSL1900_1101 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.737$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.960 W/kg

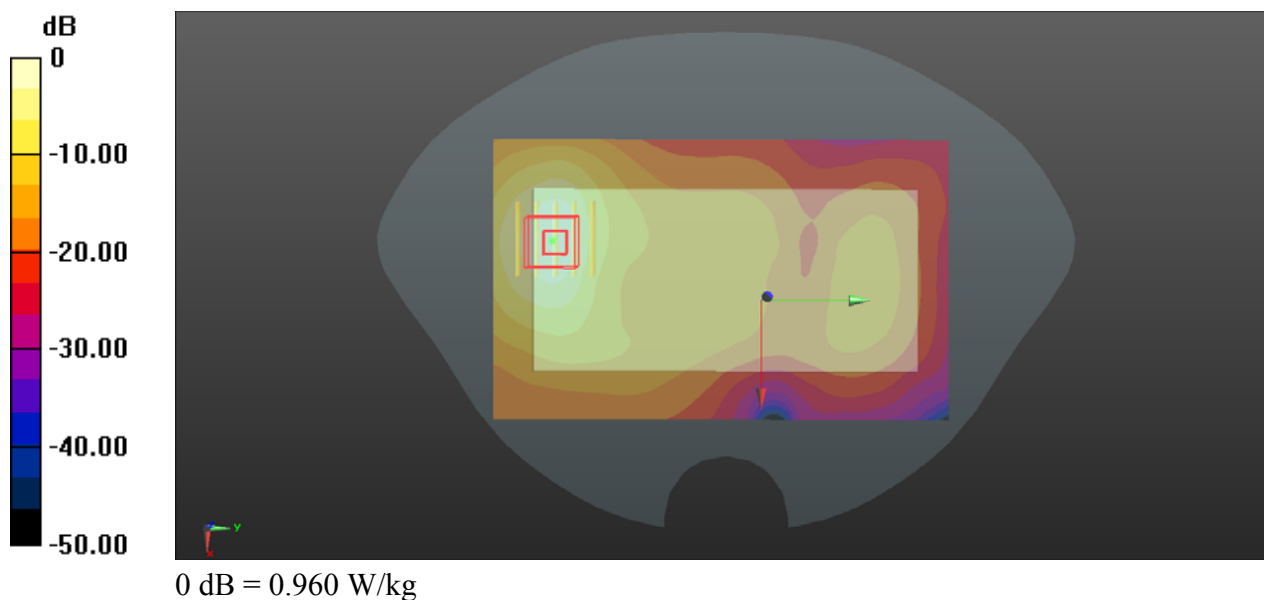
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.494 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.450 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



P54 LTE 26_QPSK15M_Rear Face_1cm_Ch26865_1RB_OS74

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

Medium: HSL835_1029 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.406$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

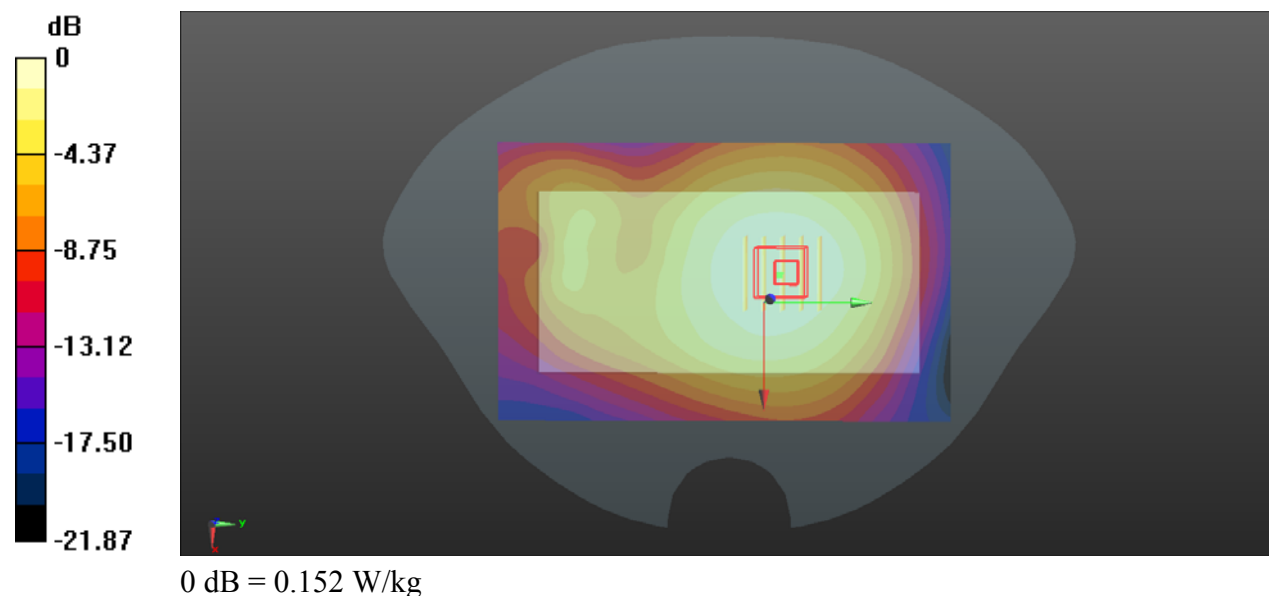
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.835 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.107 W/kg

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



P55 LTE 30_QPSK10M_Bottom Side_1cm_Ch27710_1RB_OS0

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

Medium: HSL2300_1102 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.682$ S/m; $\epsilon_r = 39.608$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.86, 4.86, 4.86); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.823 W/kg

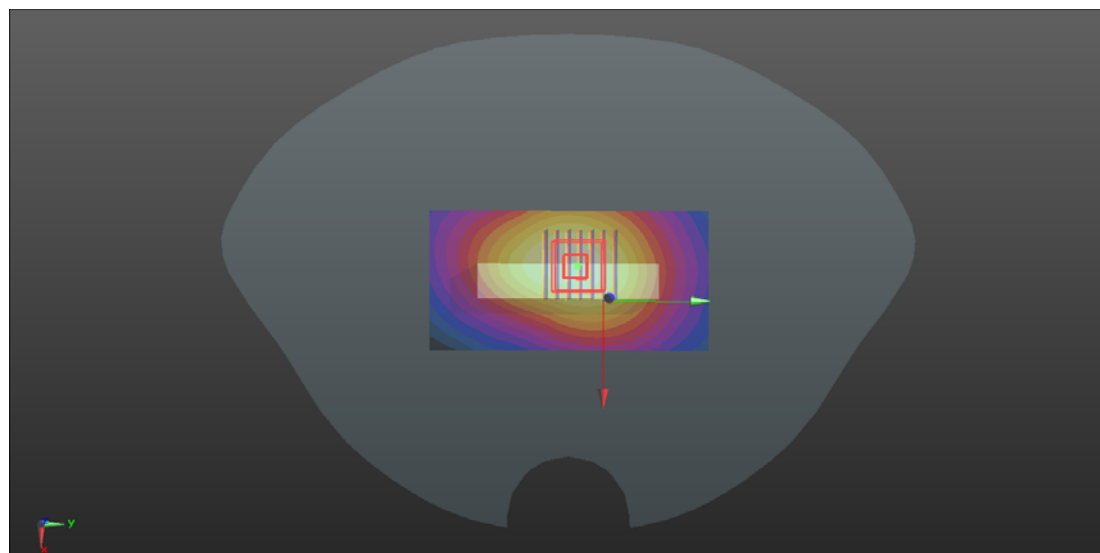
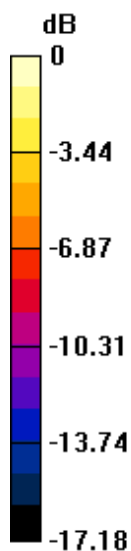
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.260 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.823 W/kg

P56 LTE 41_QPSK20M_Bottom Side_1cm_Ch40620_1RB_OS0

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

Medium: HSL2600_1103 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.894$ S/m; $\epsilon_r = 39.364$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.701 W/kg

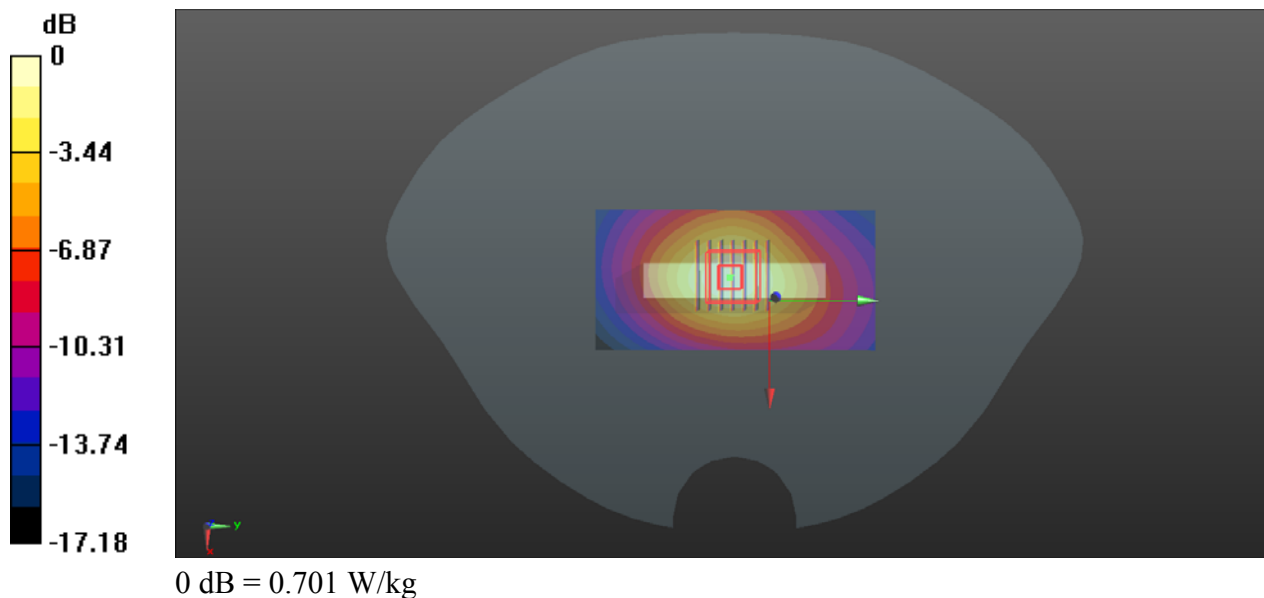
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.706 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 0.712 W/kg



P57 LTE 66_QPSK20M_Rear Face_1cm_Ch132072_1RB_OS50

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

Medium: HSL1750_1030 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 39.764$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

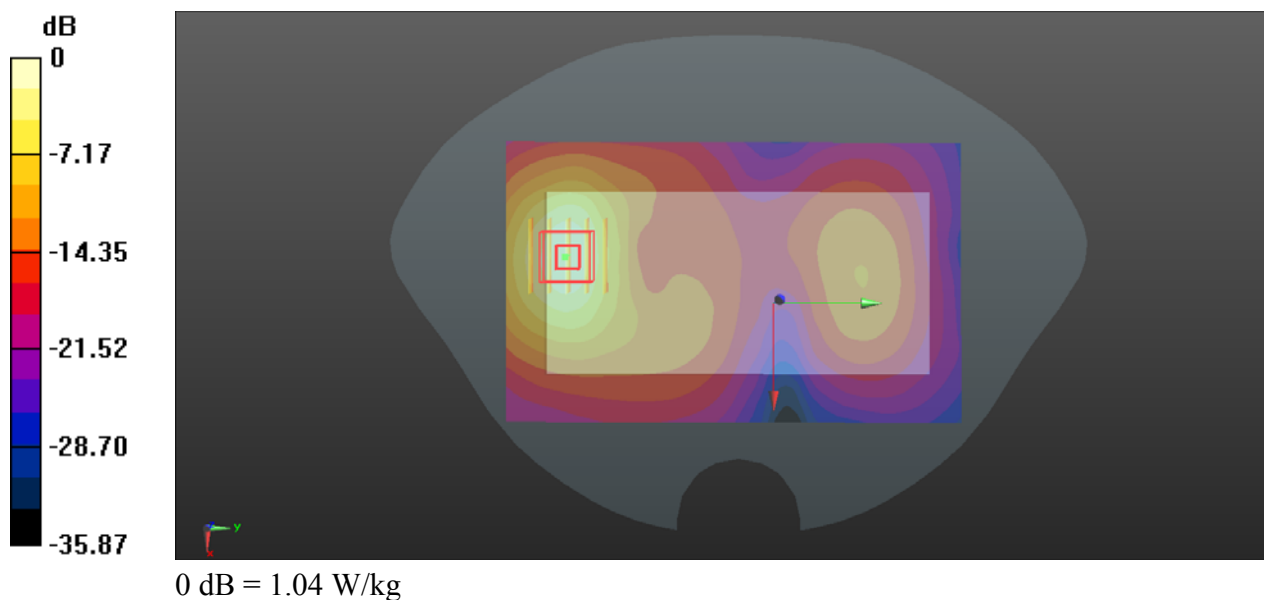
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.285 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 0.970 W/kg



P58 LTE 71_QPSK20M_Rear Face_1cm_Ch133372_1RB_OS50

Communication System: LTE; Frequency: 688 MHz; Duty Cycle: 1:1

Medium: HSL750_1029 Medium parameters used: $f = 688$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.465$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x131x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.474 W/kg

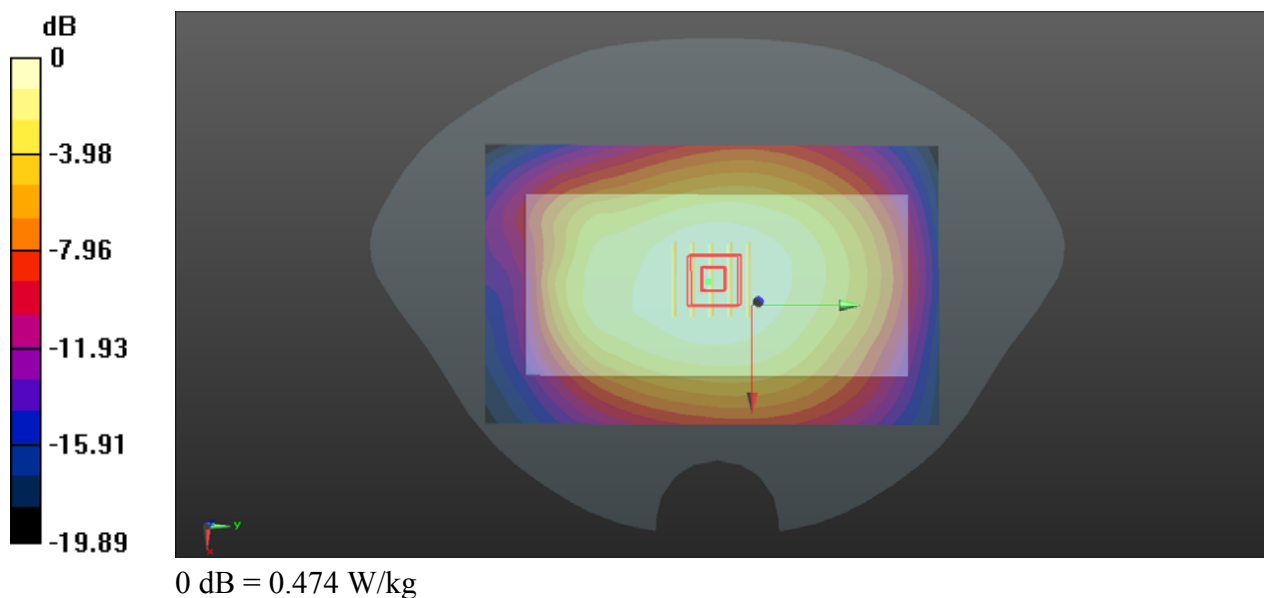
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.054 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.453 W/kg



P59 WLAN2.4G_802.11b_Right Side_1cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450_1102 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.789$ S/m; $\epsilon_r = 39.351$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.9°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x161x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0646 W/kg

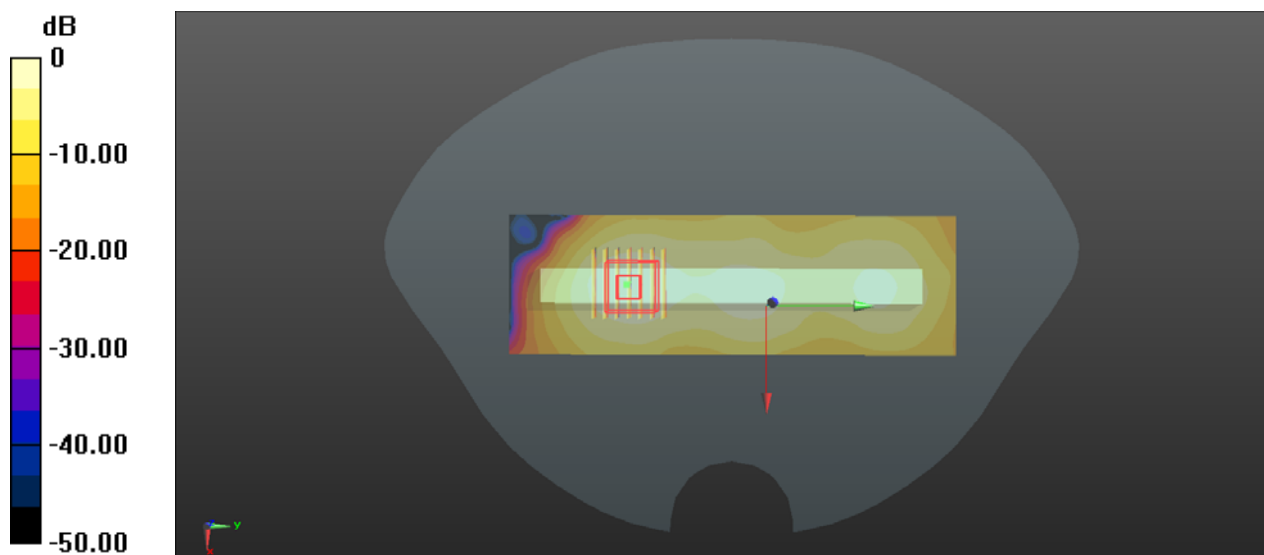
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.893 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



0 dB = 0.0646 W/kg

P60 WLAN5G_802.11a_Right Side_1cm_Ch48

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL5G_1103 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.735$ S/m; $\epsilon_r = 36.912$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2021/10/26
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x191x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.65 W/kg

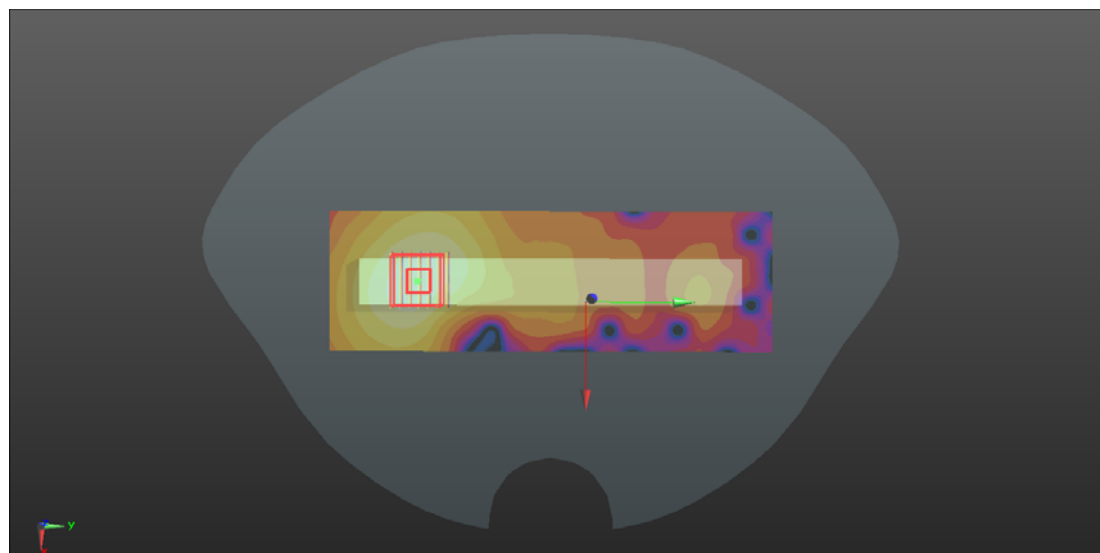
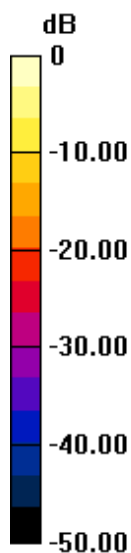
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.315 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.276 W/kg

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



0 dB = 1.65 W/kg

P61 WLAN5G_802.11a_Rear Face_1cm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL5G_1104 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.358$ S/m; $\epsilon_r = 35.856$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2021/10/26
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x191x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.40 W/kg

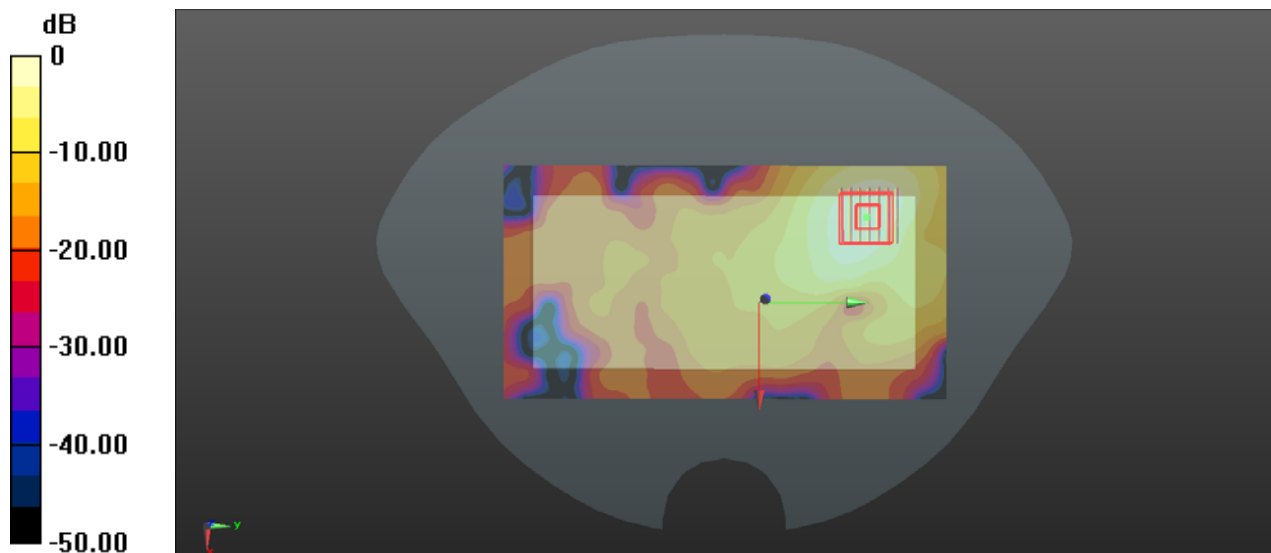
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.529 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.248 W/kg

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



P62 BT_GFSK_Right Side_1cm_Ch78

Communication System: BT; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: HSL2450_1102 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 39.325$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.9°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x161x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0264 W/kg

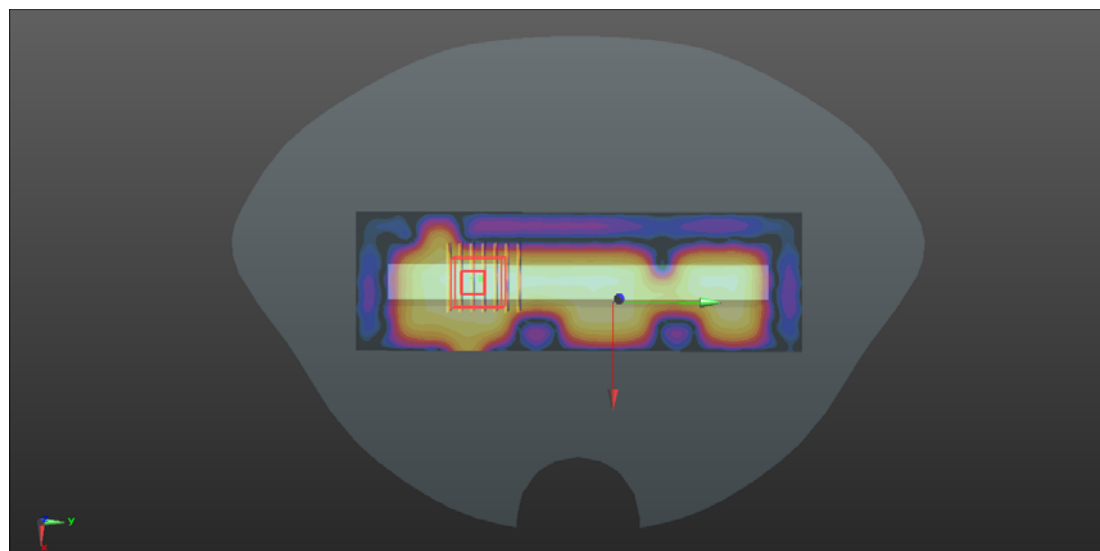
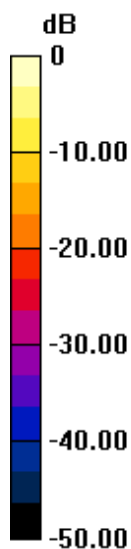
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.172 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00599 W/kg

Maximum value of SAR (measured) = 0.0162 W/kg



0 dB = 0.0264 W/kg

P63 LTE 7_QPSK20M_Bottom Side_0cm_Ch21350_1RB_OS0

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

Medium: HSL2600_1103 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 5.16 W/kg

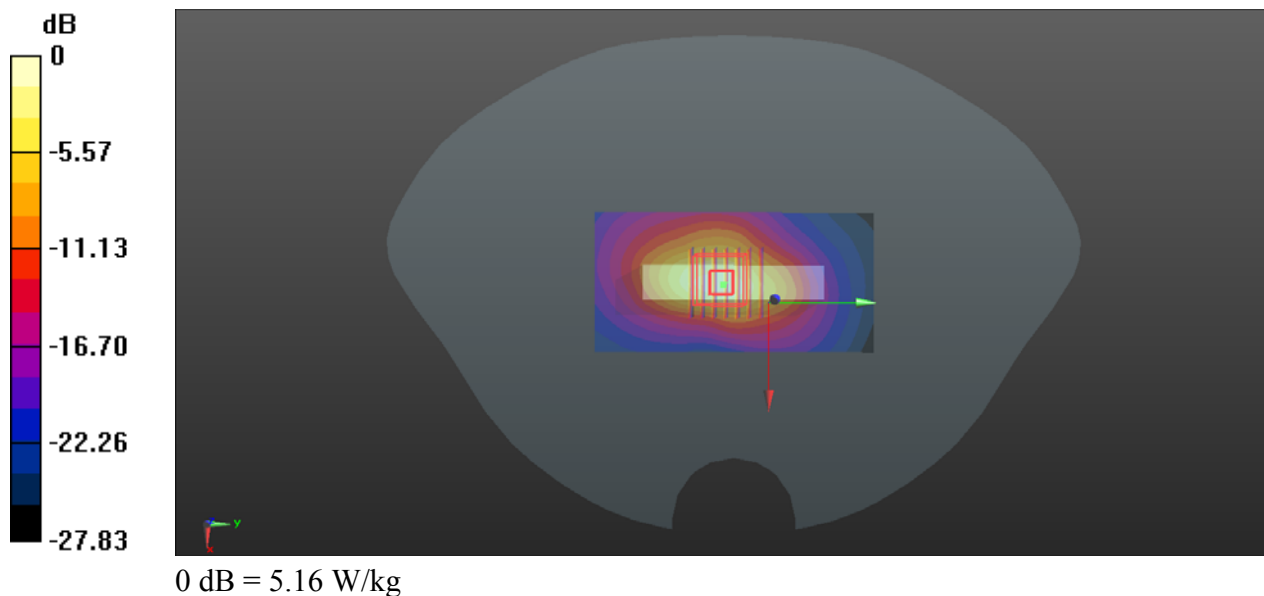
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 51.075 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 4.38 W/kg; SAR(10 g) = 1.76 W/kg

Maximum value of SAR (measured) = 5.12 W/kg



P64 WLAN5G_802.11a_Right Side_0cm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL5G_1103 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.809$ S/m; $\epsilon_r = 36.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2021/10/26
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x191x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 15.7 W/kg

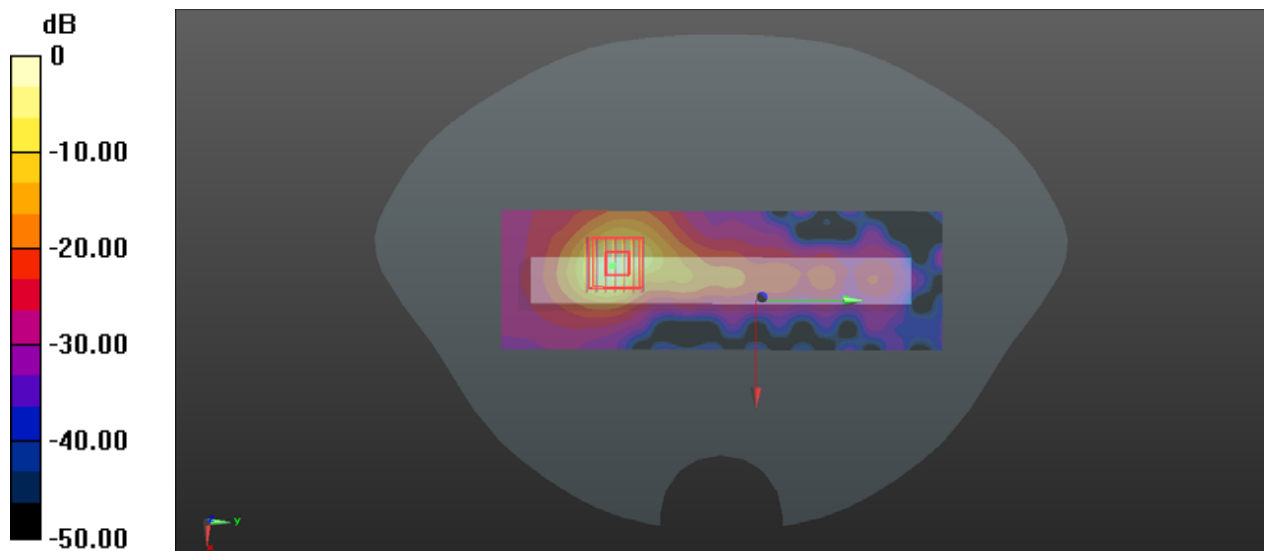
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.547 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 6.49 W/kg; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 16.6 W/kg



0 dB = 15.7 W/kg

P65 WLAN5G_802.11a_Right Side_0cm_Ch144

Communication System: 802.11a; Frequency: 5720 MHz; Duty Cycle: 1:1

Medium: HSL5G_1104 Medium parameters used: $f = 5720$ MHz; $\sigma = 5.337$ S/m; $\epsilon_r = 35.895$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2021/10/26
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x191x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 10.4 W/kg

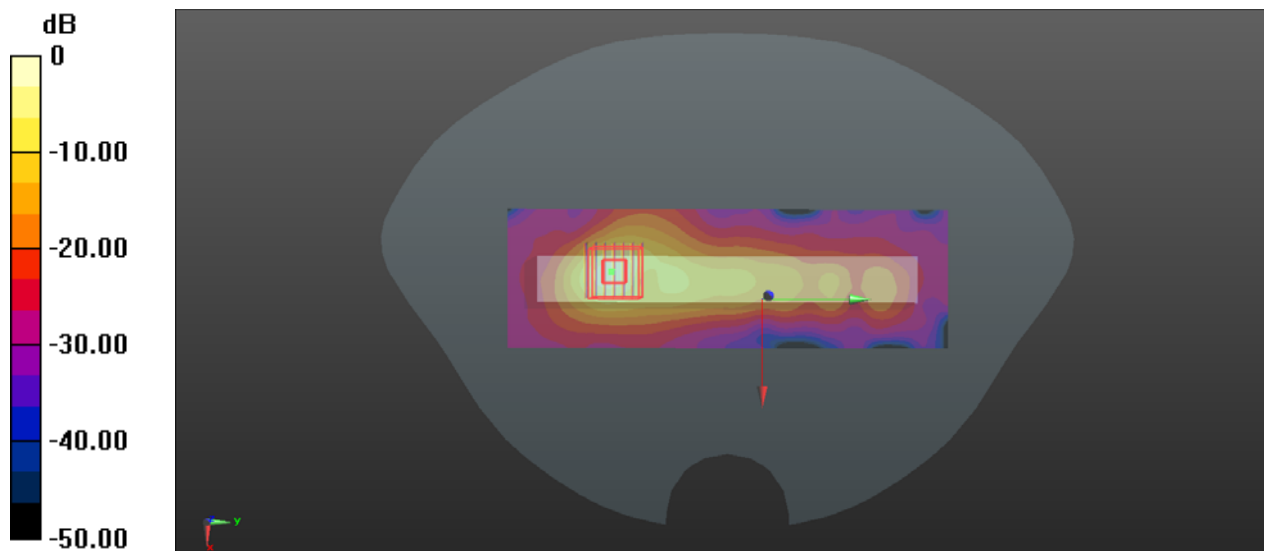
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.329 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 21.2 W/kg

SAR(1 g) = 4.28 W/kg; SAR(10 g) = 1.05 W/kg

Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 10.4 W/kg

Appendix C. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.



In Collaboration with
s p e a g
CALIBRATION LABORATORY



中国认可
国际互认
校准
CALIBRATION
CNAS L0570

Add: No.52 HuanYuanBei Road, Haidian District, Beijing, 100191, CH
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com http://www.chinattl.cn

Client

B.V.ADT

Certificate No: Z21-60332

CALIBRATION CERTIFICATE

Object

D750V3 - SN: 1067

Calibration Procedure(s)

FF-Z11-003-01

Calibration Procedures for dipole validation kits

Calibration date:

September 16, 2021

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Power sensor NRP8S	104291	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Reference Probe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE4	SN 1556	15-Jan-21(SPEAG,No.DAE4-1556_Jan21)	Jan-22
Secondary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzer E5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: September 21, 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.