

**#68\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch189**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_221007 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 43.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.91, 9.91, 9.91) @ 836.4 MHz; Calibrated: 2021/12/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.771 W/kg

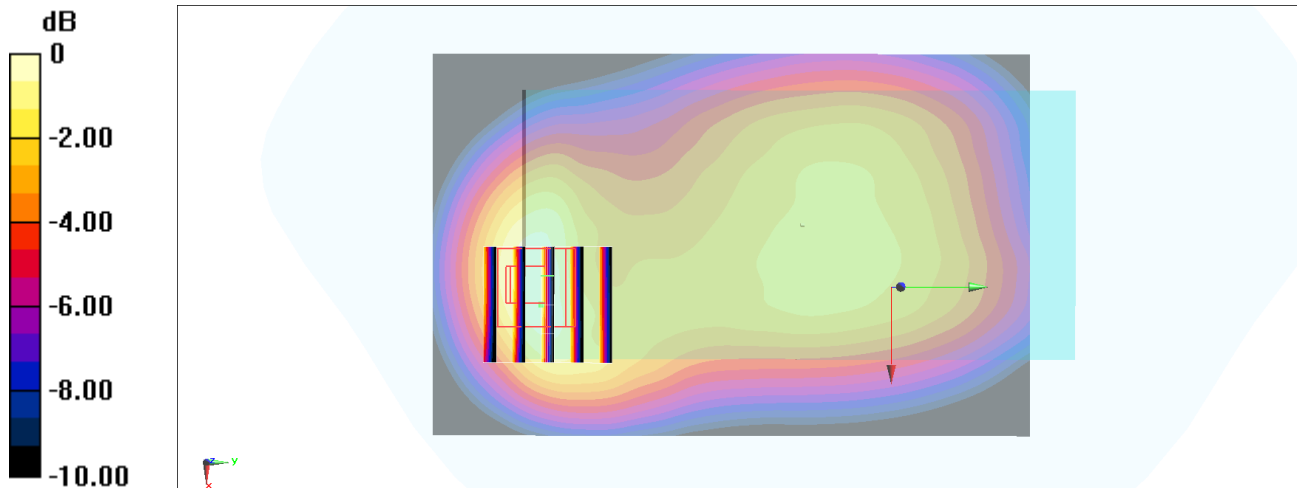
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.53 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.963 W/kg

**SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.371 W/kg**

Maximum value of SAR (measured) = 0.798 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

**#69\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch661**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_221006 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 40.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.28, 8.28, 8.28) @ 1880 MHz; Calibrated: 2021/12/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

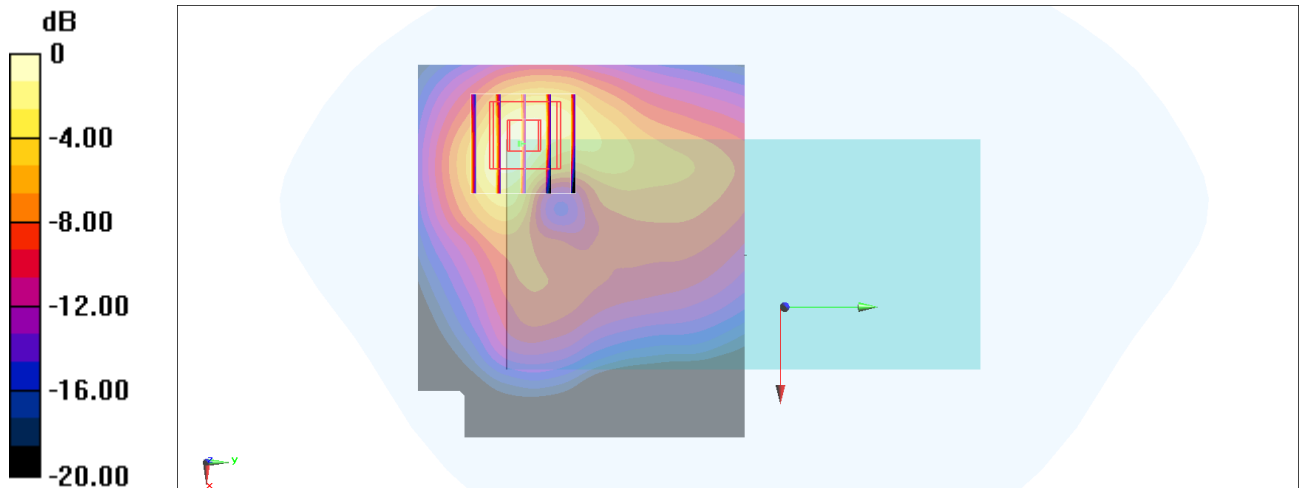
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.44 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.387 W/kg**

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



0 dB = 1.16 W/kg = 0.64 dBW/kg

**#70\_WCDMA II\_RMC 12.2Kbps\_Front\_10mm\_Ch9400**

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

Medium: HSL\_1900\_221005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 40.701$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.45, 8.45, 8.45) @ 1880 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.798 W/kg

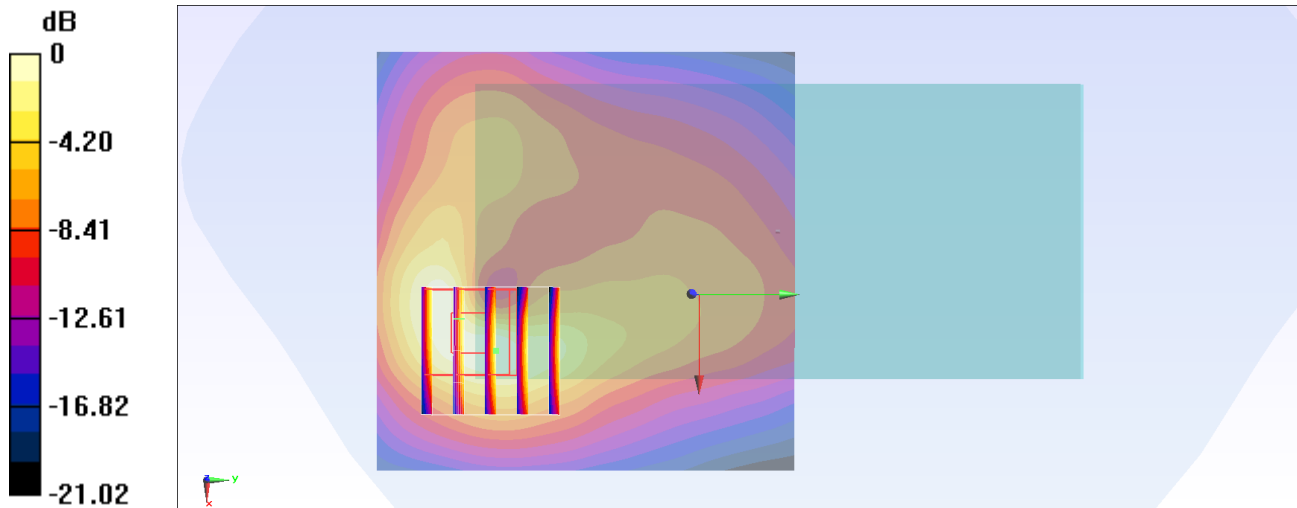
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.39 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 0.858 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

**#71\_WCDMA IV\_RMC 12.2Kbps\_Front\_10mm\_Ch1312**

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

Medium: HSL\_1750\_221004 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.311$  S/m;  $\epsilon_r = 39.836$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.66, 8.66, 8.66) @ 1712.4 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.795 W/kg

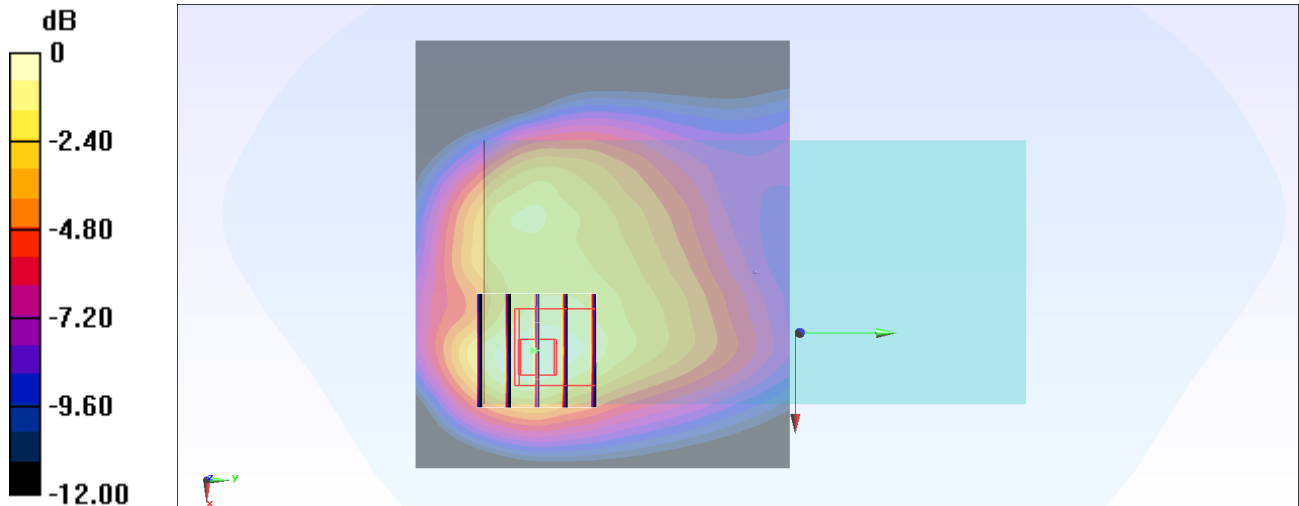
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.17 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.289 W/kg**

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



0 dB = 0.730 W/kg = -1.37 dBW/kg

## #72\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_220925 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 41.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.4 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.628 W/kg

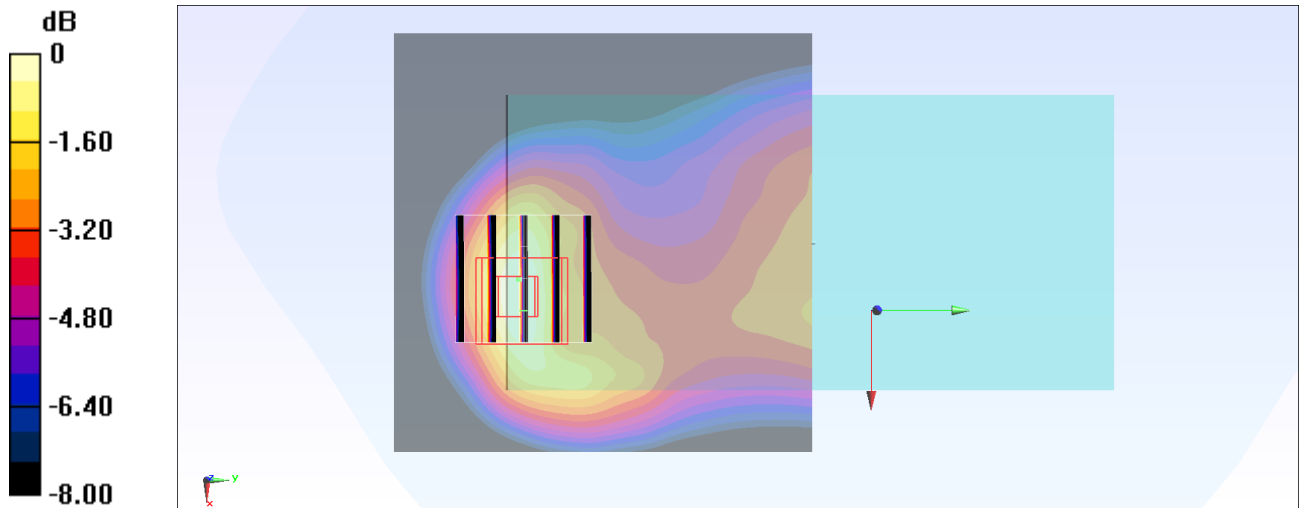
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.94 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.739 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 0.632 W/kg



0 dB = 0.632 W/kg = -1.99 dBW/kg

**#73\_LTE Band 2\_20M\_QPSK\_50\_0\_Front\_10mm\_Ch18700**

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_221017 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 40.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.56, 8.56, 8.56) @ 1860 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

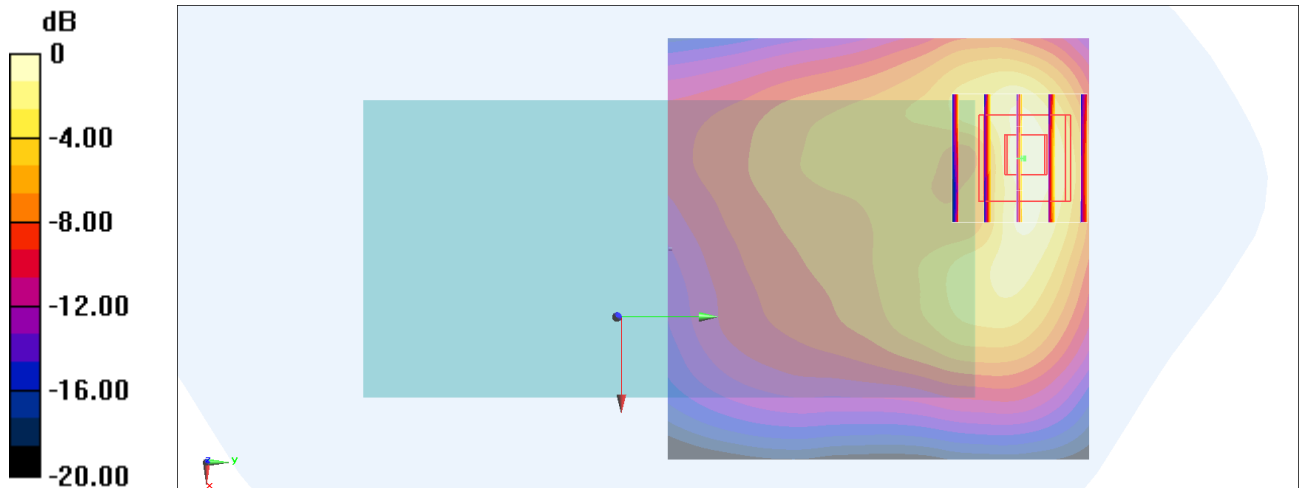
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.39 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.449 W/kg**

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



0 dB = 1.27 W/kg = 1.05 dBW/kg

## #74\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch21350

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

Medium: HSL\_2600\_221006 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.928$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.66, 7.66, 7.66) @ 2560 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.692 W/kg

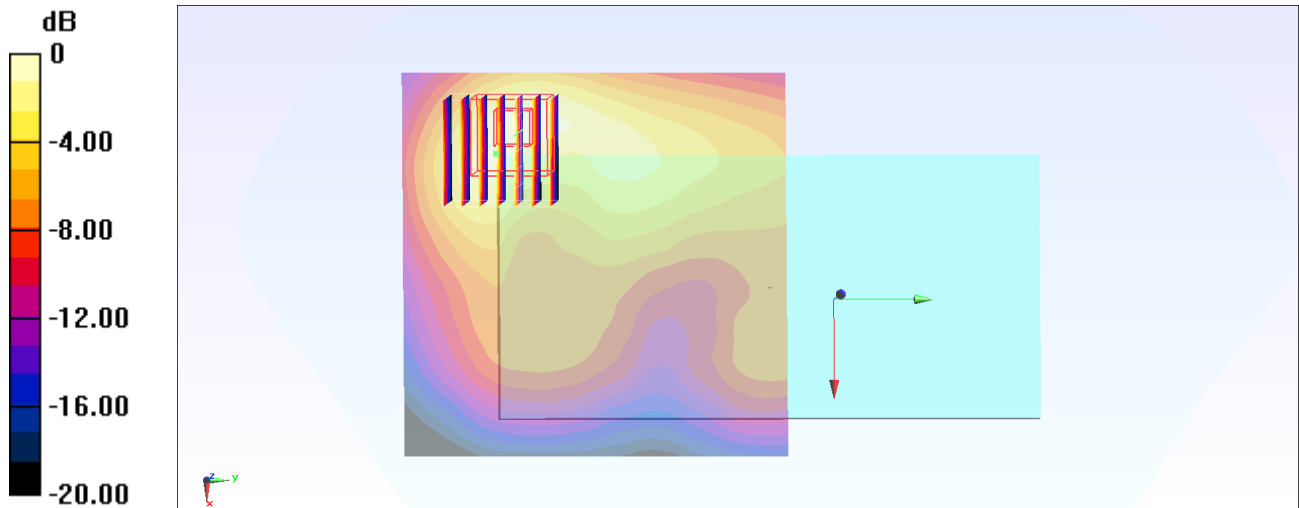
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.24 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.861 W/kg

**SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.228 W/kg**

Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg = -1.51 dBW/kg

**#75\_LTE Band 12\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch23095**

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

Medium: HSL\_750\_221001 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r =$

41.734;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 2022/1/27

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20

- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.390 W/kg

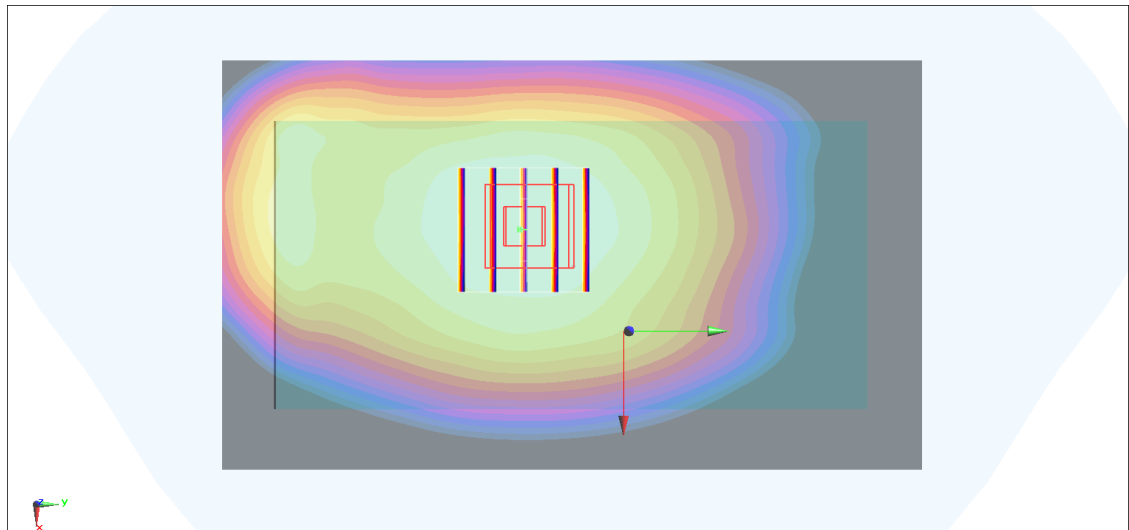
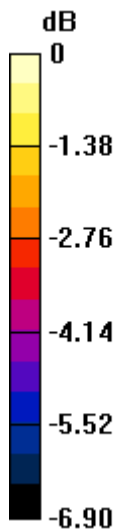
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.56 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.412 W/kg

**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.254 W/kg**

Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg



**#76\_LTE Band 13\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch23230**

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

Medium: HSL\_750\_221001 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.886$  S/m;  $\epsilon_r = 42.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.444 W/kg

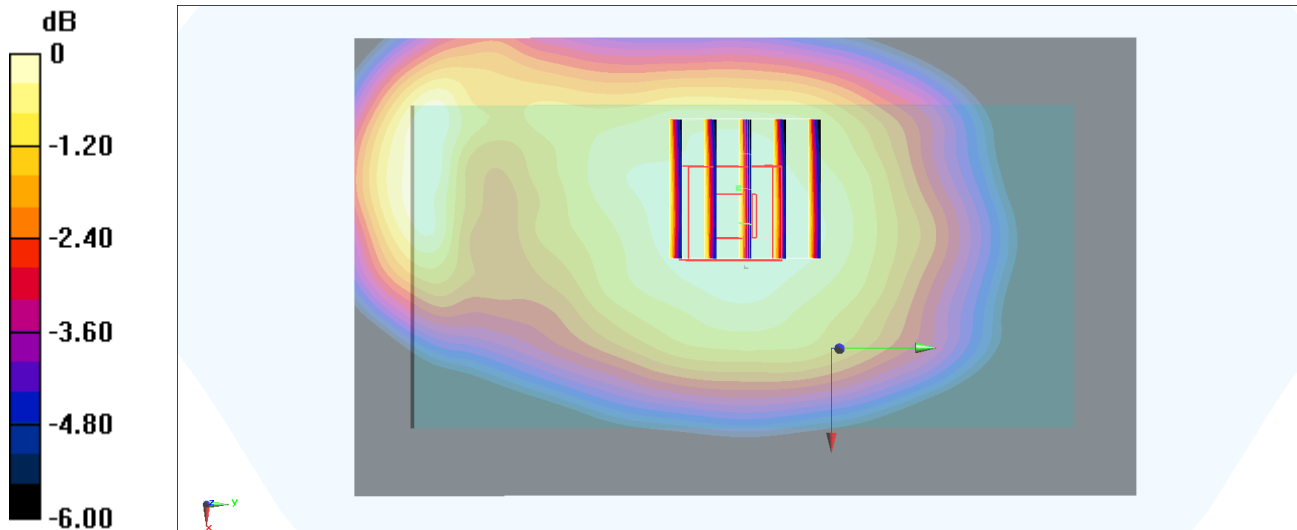
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.02 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.461 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.306 W/kg**

Maximum value of SAR (measured) = 0.436 W/kg



0 dB = 0.444 W/kg = -3.53 dBW/kg

**#77\_LTE Band 14\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch23330**

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

Medium: HSL\_750\_221002 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 41.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.29, 10.29, 10.29) @ 793 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.509 W/kg

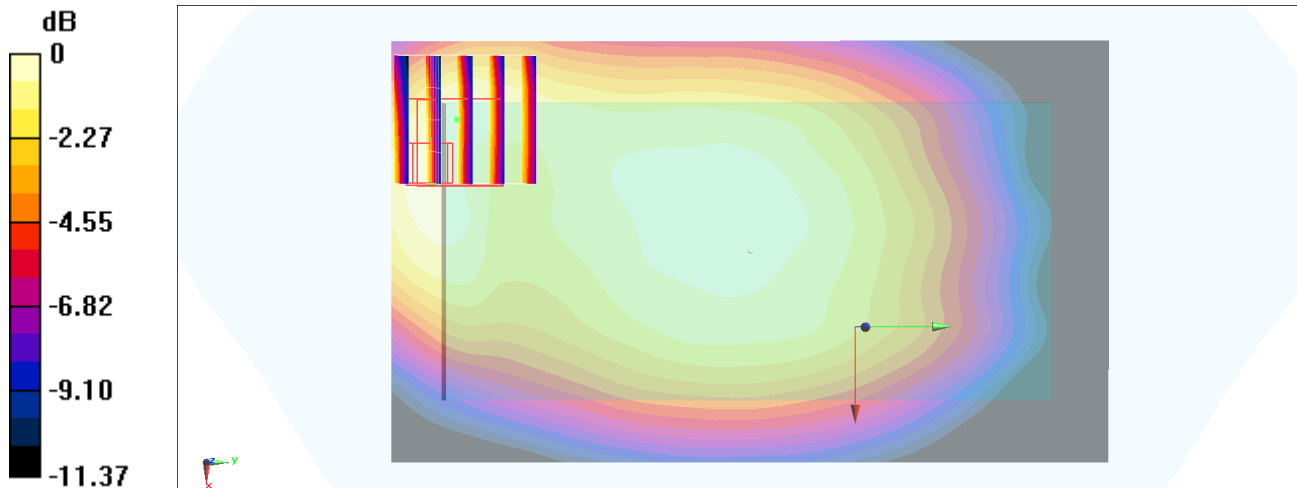
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.65 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.234 W/kg**

Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

## #78\_LTE Band 25\_20M\_QPSK\_50\_0\_Front\_10mm\_Ch26340

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

Medium: HSL\_1900\_221005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 40.701$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.45, 8.45, 8.45) @ 1880 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

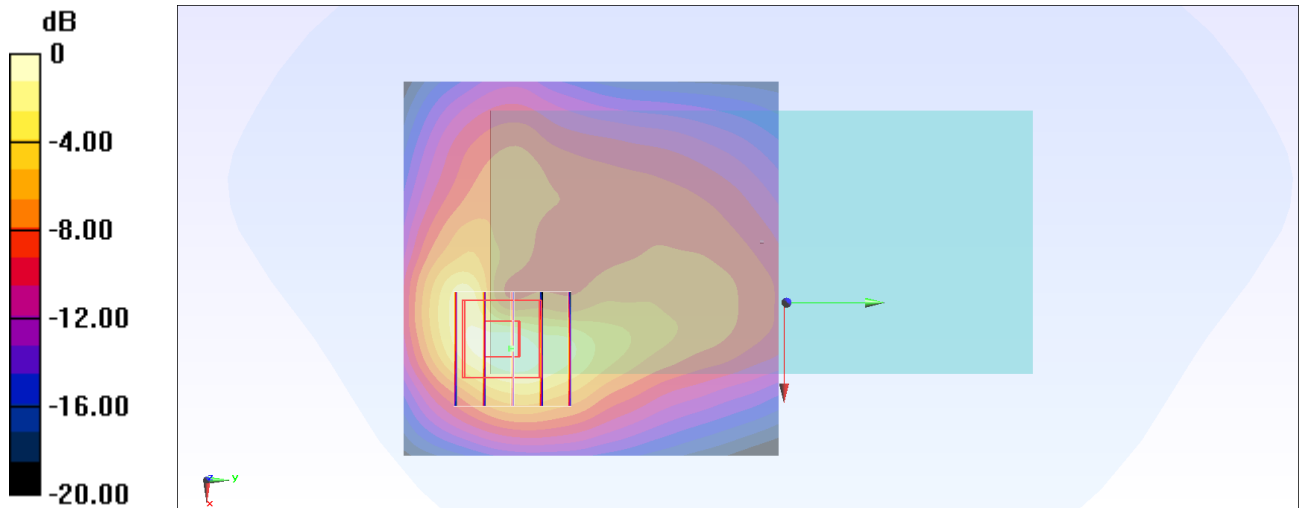
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.73 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.407 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

**#79\_LTE Band 26\_15M\_QPSK\_1\_0\_Back\_10mm\_Ch26865**

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

Medium: HSL\_850\_221003 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 41.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(9.92, 9.92, 9.92) @ 831.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.485 W/kg

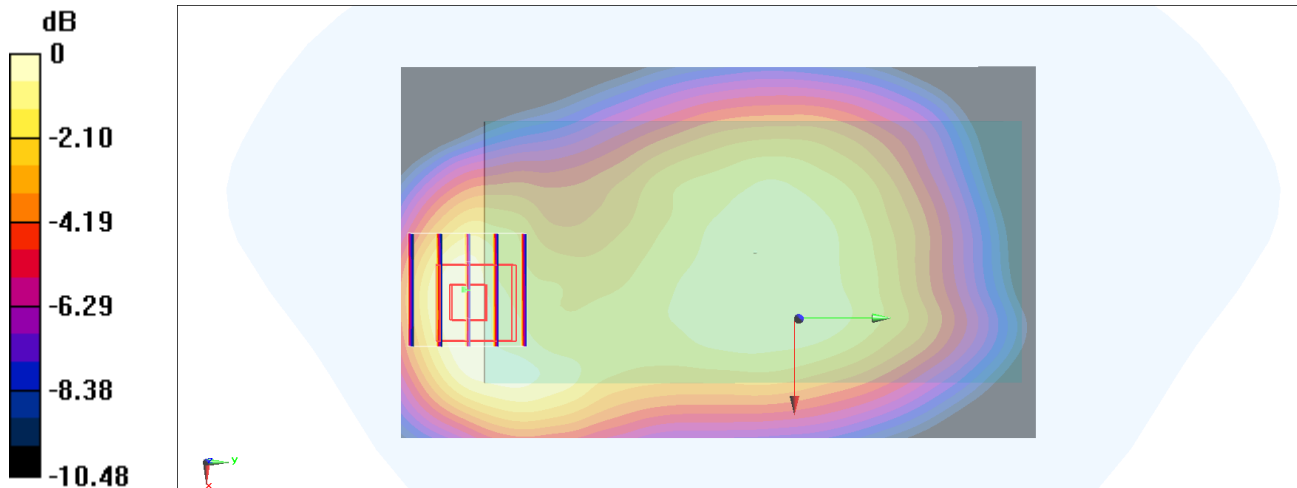
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.50 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.516 W/kg

**SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

**#80\_LTE Band 30\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch27710**

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

Medium: HSL\_2300\_221007 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.636$  S/m;  $\epsilon_r = 39.381$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.91, 7.91, 7.91) @ 2310 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.749 W/kg

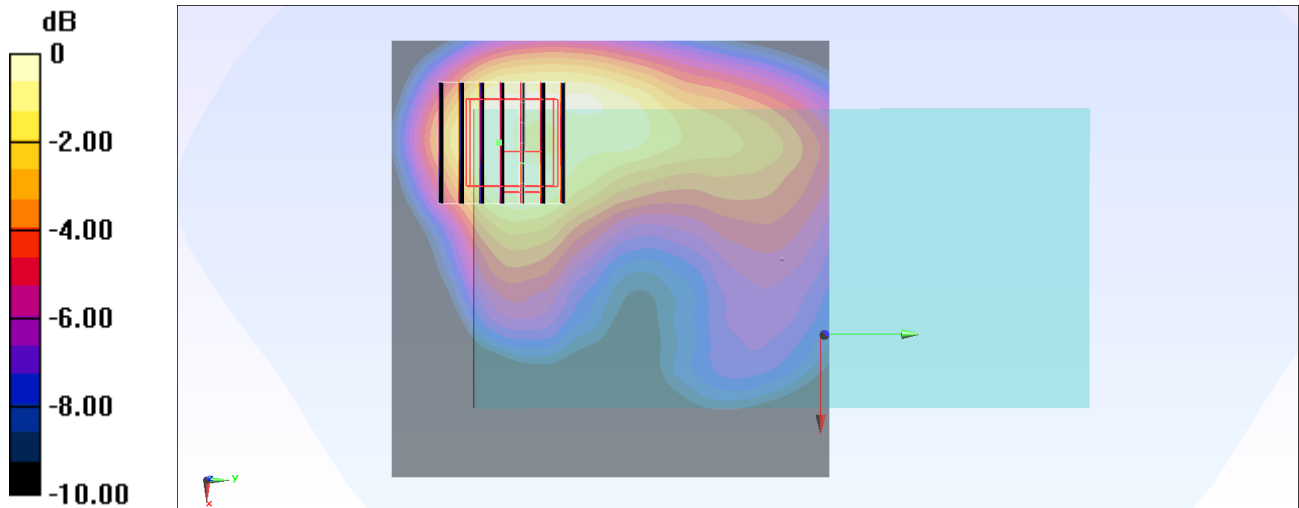
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.24 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.930 W/kg

**SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.272 W/kg**

Maximum value of SAR (measured) = 0.774 W/kg



0 dB = 0.774 W/kg = -1.11 dBW/kg

**#81\_LTE Band 66\_20M\_QPSK\_50\_0\_Front\_10mm\_Ch132572**

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_221004 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.338$  S/m;  $\epsilon_r = 39.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.887 W/kg

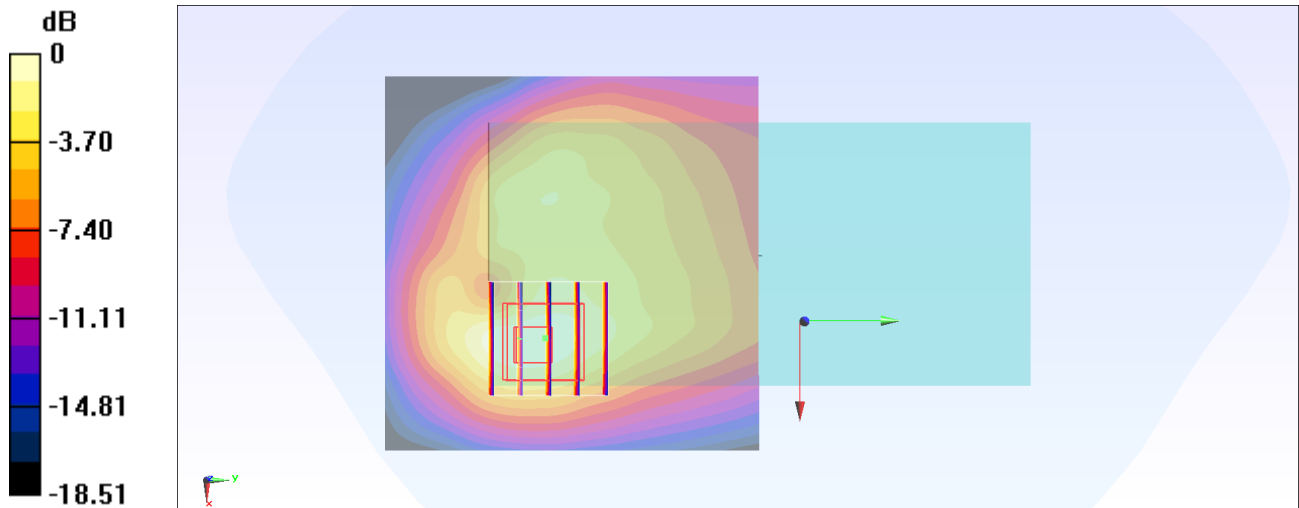
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.94 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.316 W/kg**

Maximum value of SAR (measured) = 0.861 W/kg



0 dB = 0.861 W/kg = -0.65 dBW/kg

## #82\_LTE Band 71\_20M\_QPSK\_1\_0\_Front\_10mm\_Ch133297

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

Medium: HSL\_750\_221002 Medium parameters used :  $f = 680.5$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 42.427$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.29, 10.29, 10.29) @ 680.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.390 W/kg

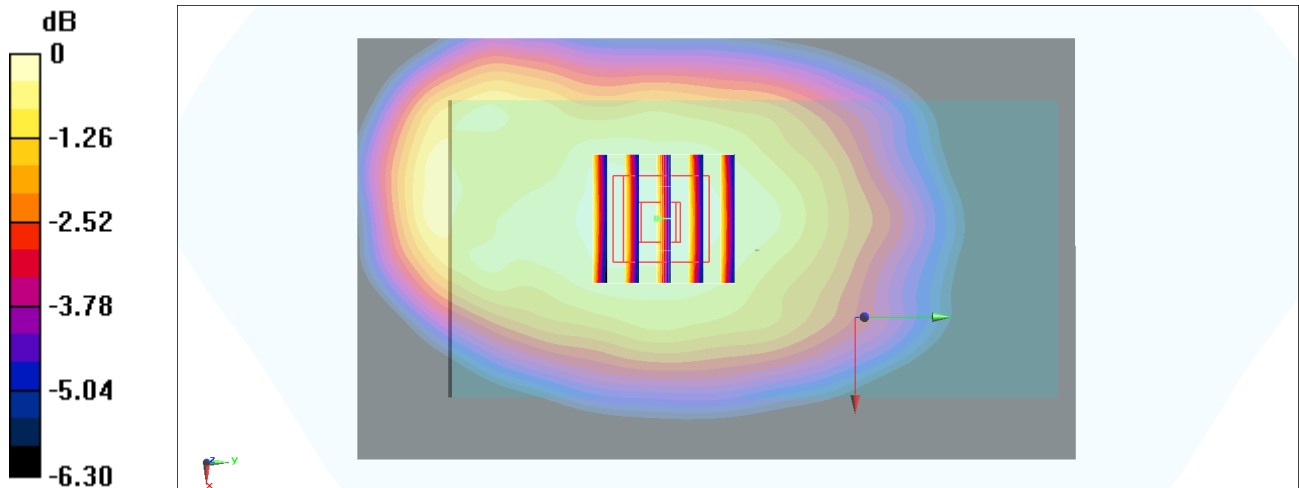
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.03 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.387 W/kg

**SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.390 W/kg = -4.09 dBW/kg

**#83\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch40185**

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

Medium: HSL\_2600\_221014 Medium parameters used:  $f = 2550$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 38.339$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.52, 4.52, 4.52) @ 2549.5 MHz; Calibrated: 2022/9/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.611 W/kg

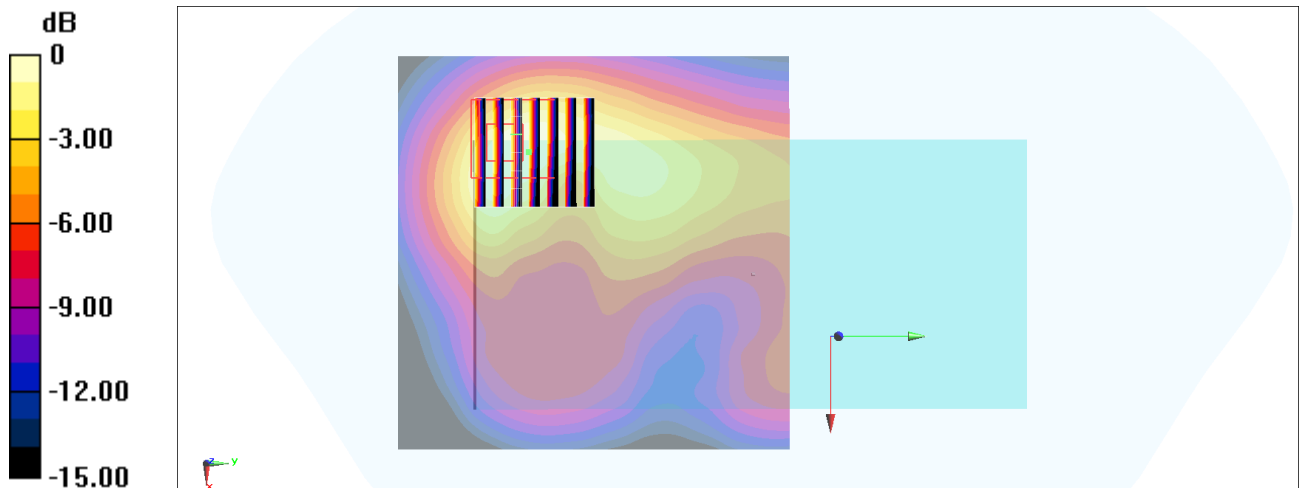
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.38 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.938 W/kg

**SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.255 W/kg**

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg



**#84\_LTE Band 48\_20M\_QPSK\_1\_0\_Front\_10mm\_Ch56150**

Communication System: LTE; Frequency: 3641 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3700\_221011 Medium parameters used :  $f = 3641$  MHz;  $\sigma = 3.069$  S/m;  $\epsilon_r = 37.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.03, 7.03, 7.03) @ 3641 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 1.07 W/kg

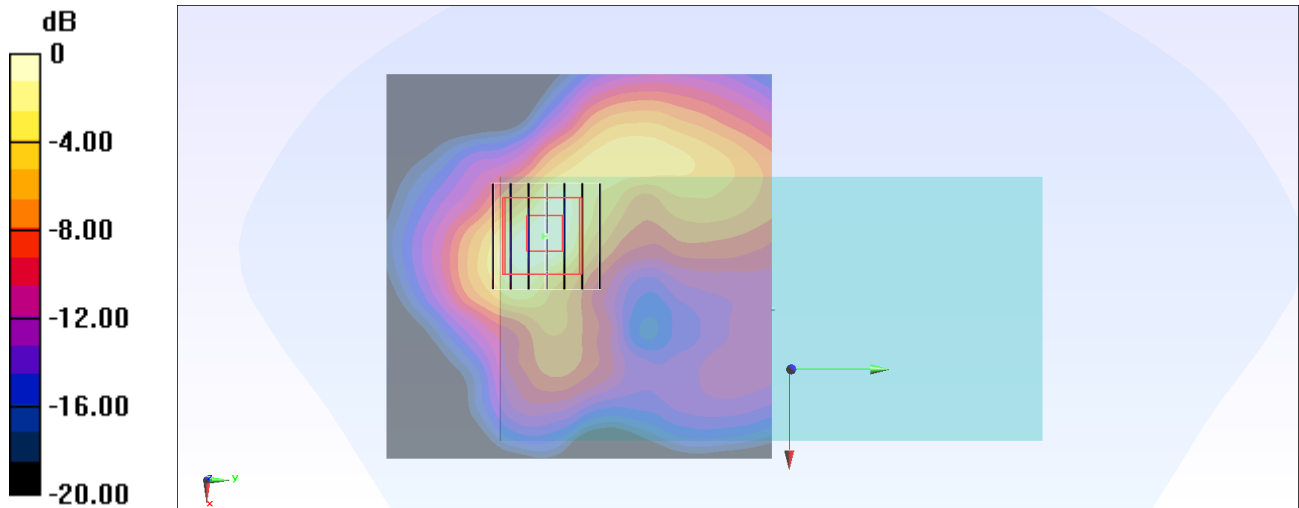
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 17.06 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.246 W/kg**

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



0 dB = 1.13 W/kg = 0.53 dBW/kg

## #85\_FR1 n5\_20M\_BPSK\_50\_28\_Front\_10mm\_Ch167300

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

Medium: HSL\_850\_220929 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 41.727$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.22, 10.22, 10.22) @ 836.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.550 W/kg

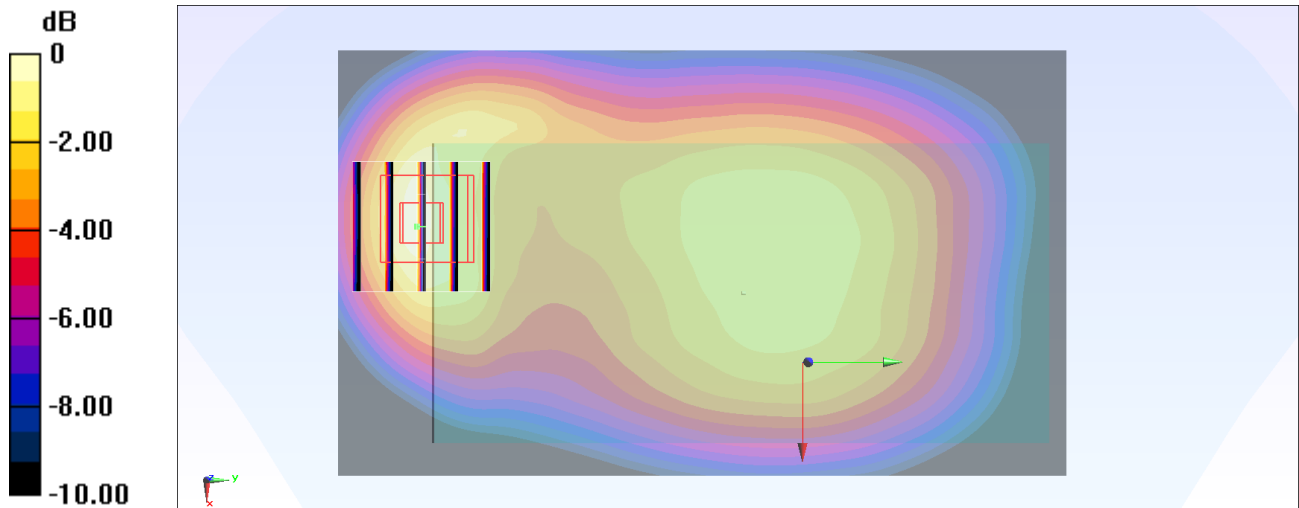
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.30 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.684 W/kg

**SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.242 W/kg**

Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg

**#86\_FR1 n7\_50M\_BPSK\_1\_1\_Back\_10mm\_Ch507000**

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

Medium: HSL\_2600\_221004 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.931$  S/m;  $\epsilon_r = 39.732$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.32, 4.32, 4.32) @ 2535 MHz; Calibrated: 2021/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.652 W/kg

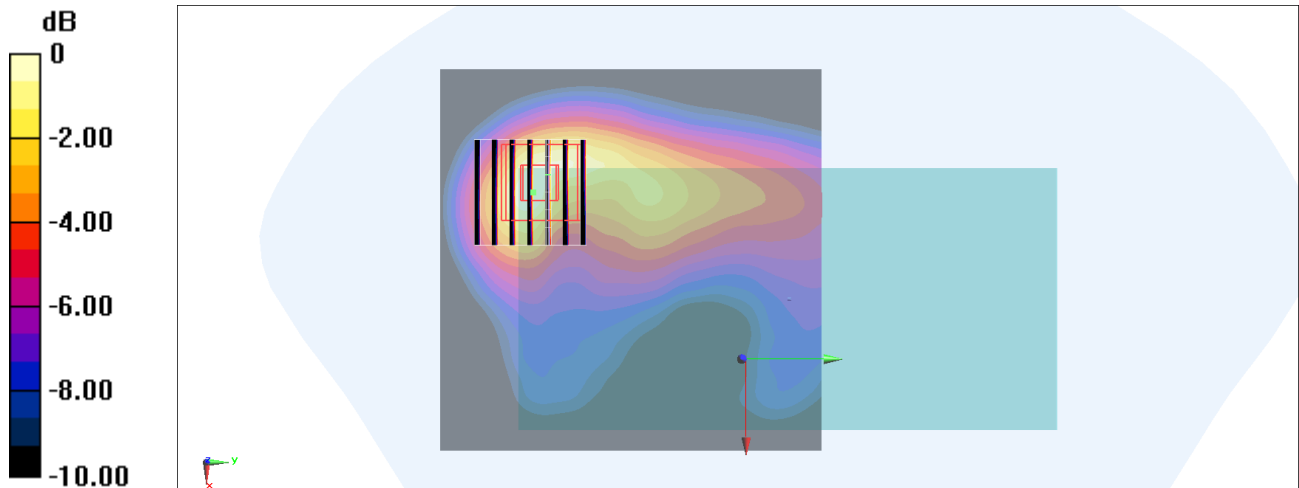
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.96 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.970 W/kg

**SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.270 W/kg**

Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg

**#87\_FR1 n12\_15M\_BPSK\_1\_1\_Back\_10mm\_Ch141500**

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

Medium: HSL\_750\_220929 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.884$  S/m;  $\epsilon_r = 41.756$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.62, 10.62, 10.62) @ 707.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.426 W/kg

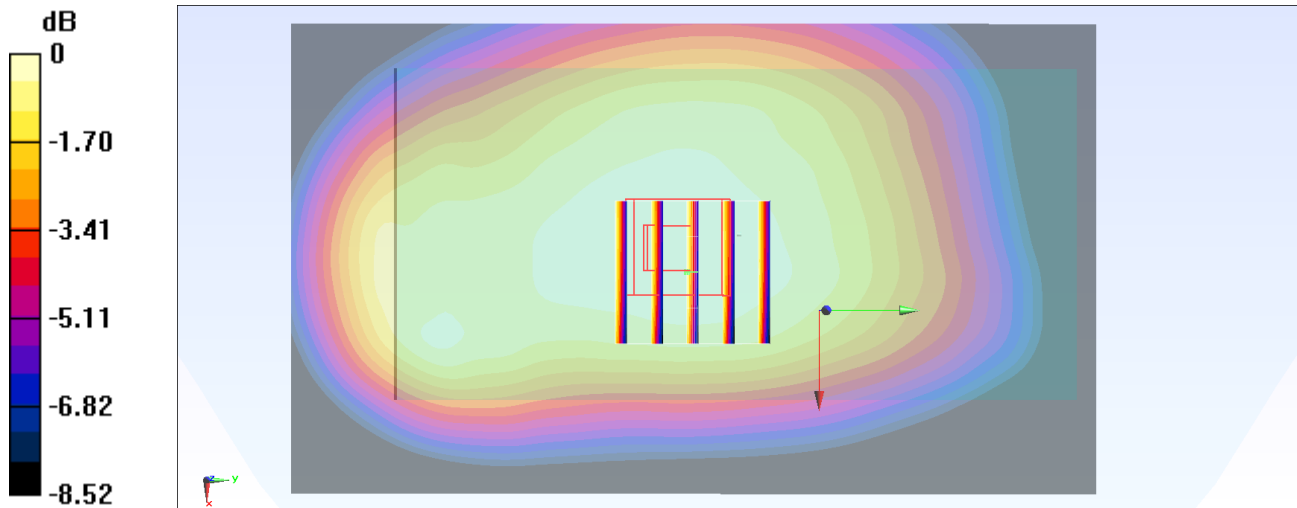
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.99 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.271 W/kg**

Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.426 W/kg = -3.70 dBW/kg

### #88\_FR1\_n14\_10M\_BPSK\_25\_14\_Front\_10mm\_Ch158600

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

Medium: HSL\_750\_220930 Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.918 \text{ S/m}$ ;  $\epsilon_r = 41.376$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.62, 10.62, 10.62) @ 793 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) =  $0.506 \text{ W/kg}$

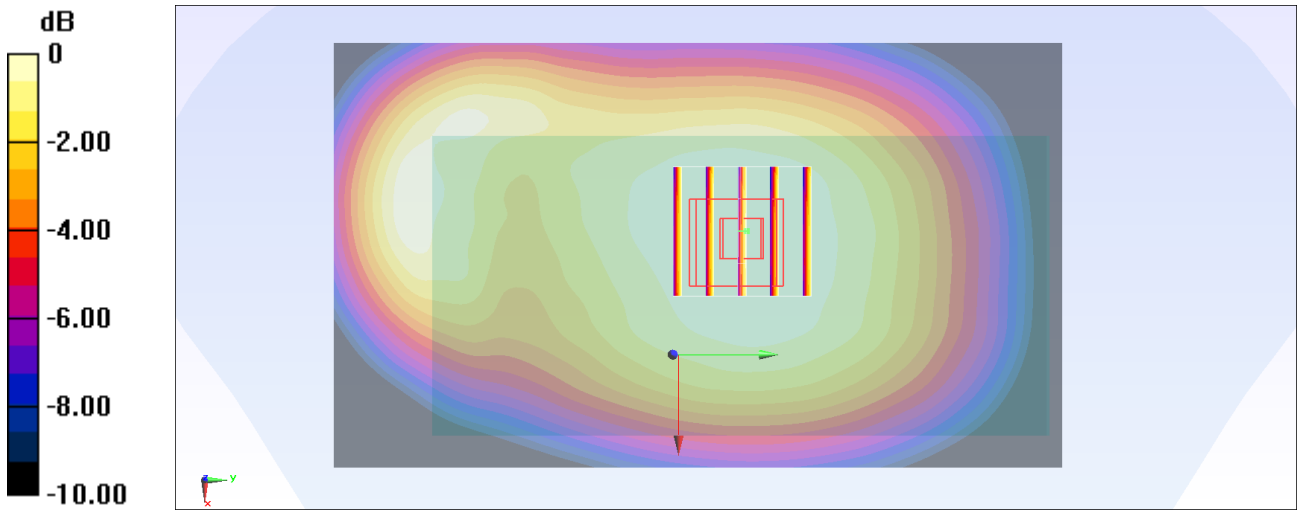
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.50 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.525 \text{ W/kg}$

**SAR(1 g) =  $0.425 \text{ W/kg}$ ; SAR(10 g) =  $0.327 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.497 \text{ W/kg}$



0 dB =  $0.497 \text{ W/kg}$  =  $-3.04 \text{ dBW/kg}$

## #89\_FR1\_n25\_40M\_BPSK\_216\_0\_Front\_10mm\_Ch376500

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

Medium: HSL\_1900\_221003 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.417$  S/m;  $\epsilon_r = 40.582$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.45, 8.45, 8.45) @ 1882.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.936 W/kg

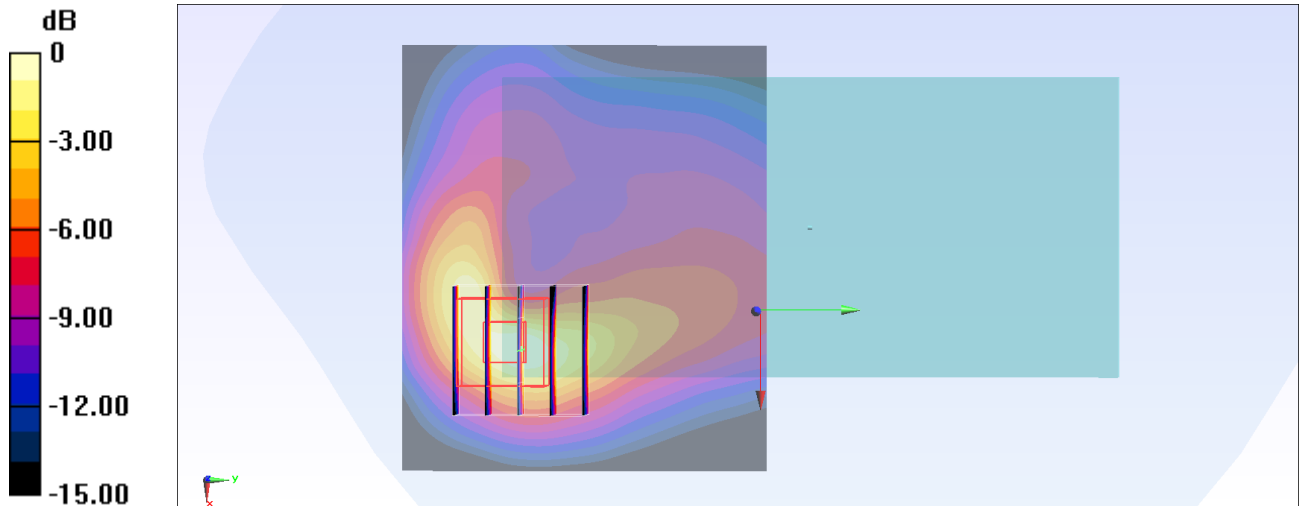
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.27 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.311 W/kg**

Maximum value of SAR (measured) = 0.934 W/kg



0 dB = 0.934 W/kg = -0.30 dBW/kg

**#90\_FR1\_n30\_10M\_BPSK\_25\_14\_Back\_10mm\_Ch462000**

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

Medium: HSL\_2300\_221012 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.679$  S/m;  $\epsilon_r = 40.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.13, 8.13, 8.13) @ 2310 MHz; Calibrated: 2021/12/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.999 W/kg

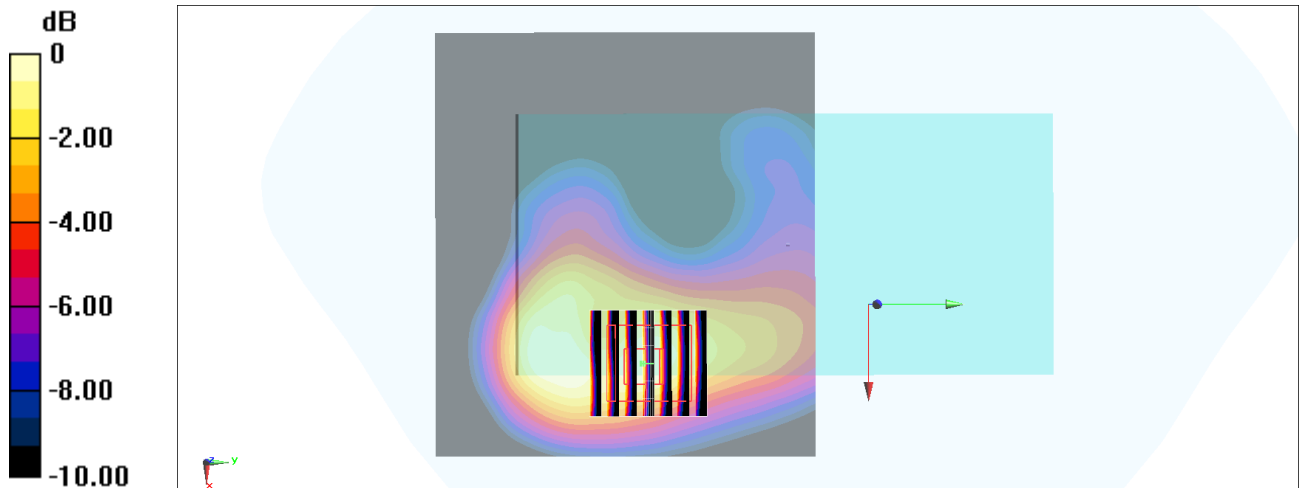
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.96 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.361 W/kg**

Maximum value of SAR (measured) = 0.966 W/kg



0 dB = 0.966 W/kg = -0.15 dBW/kg

**#91\_FR1 n41\_100M\_BPSK\_135\_69\_Back\_10mm\_Ch518598**

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

Medium: HSL\_2600\_221004 Medium parameters used:  $f = 2592.99$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 39.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.58, 7.58, 7.58) @ 2592.99 MHz; Calibrated: 2021/12/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.882 W/kg

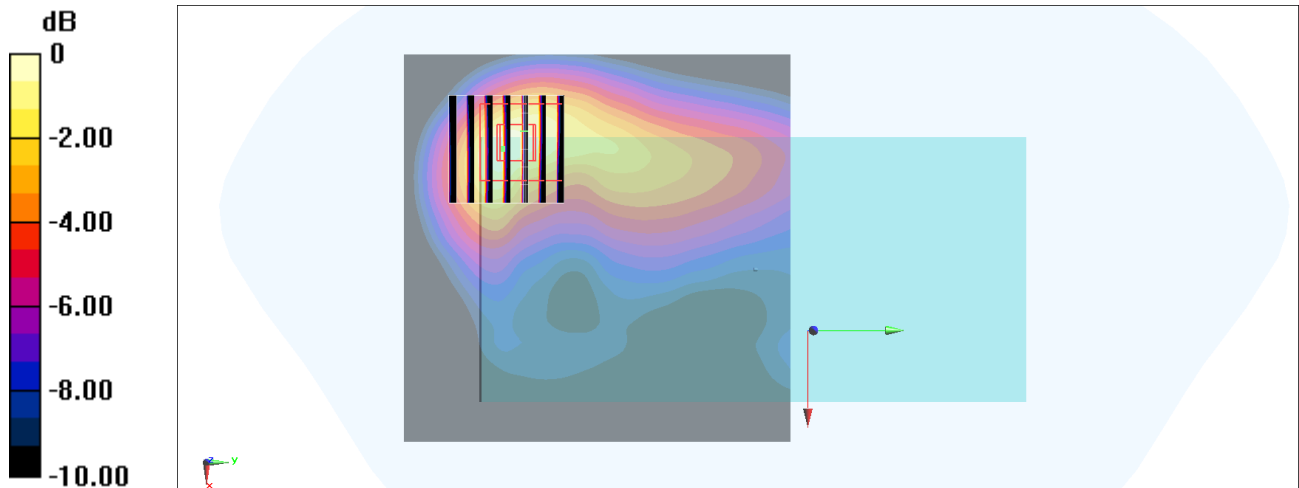
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.14 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.300 W/kg**

Maximum value of SAR (measured) = 0.891 W/kg



0 dB = 0.891 W/kg = -0.50 dBW/kg



**#92\_FR1 n48\_10M\_BPSK\_1\_1\_Back\_10mm\_Ch637000**

Communication System: NR; Frequency: 3555 MHz; Duty Cycle: 1:1

Medium: HSL\_3500\_221105 Medium parameters used:  $f = 3555$  MHz;  $\sigma = 3.053$  S/m;  $\epsilon_r = 38.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.12, 7.12, 7.12) @ 3555 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.738 W/kg

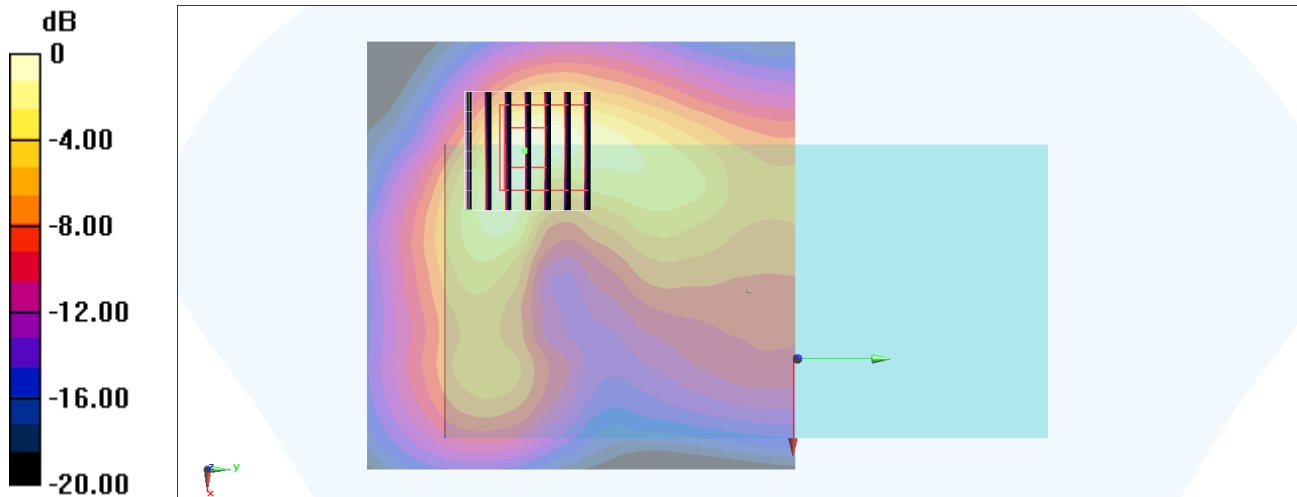
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 11.40 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

**#93\_FR1\_n66\_40M\_BPSK\_1\_1\_Back\_10mm\_Ch349000**

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

Medium: HSL\_1750\_221003 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 41.065$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.3, 5.3, 5.3) @ 1745 MHz; Calibrated: 2021/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

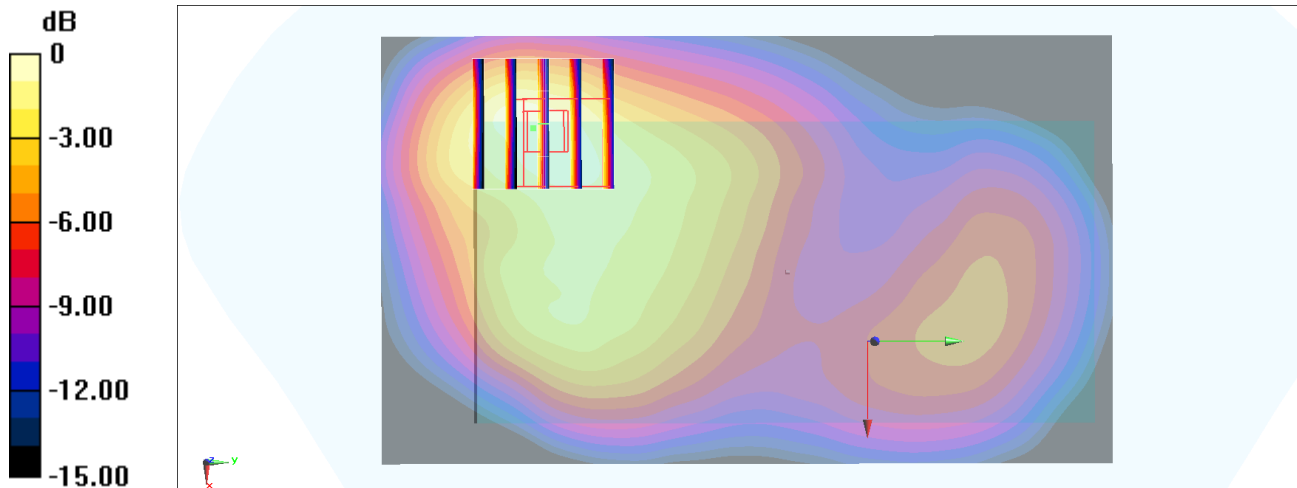
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.93 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 0.765 W/kg



0 dB = 0.765 W/kg = -1.16 dBW/kg

## #94\_FR1\_n71\_20M\_BPSK\_50\_28\_Back\_10mm\_Ch136100

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

Medium: HSL\_750\_220930 Medium parameters used :  $f = 680.5$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 42.028$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.62, 10.62, 10.62) @ 680.5 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.421 W/kg

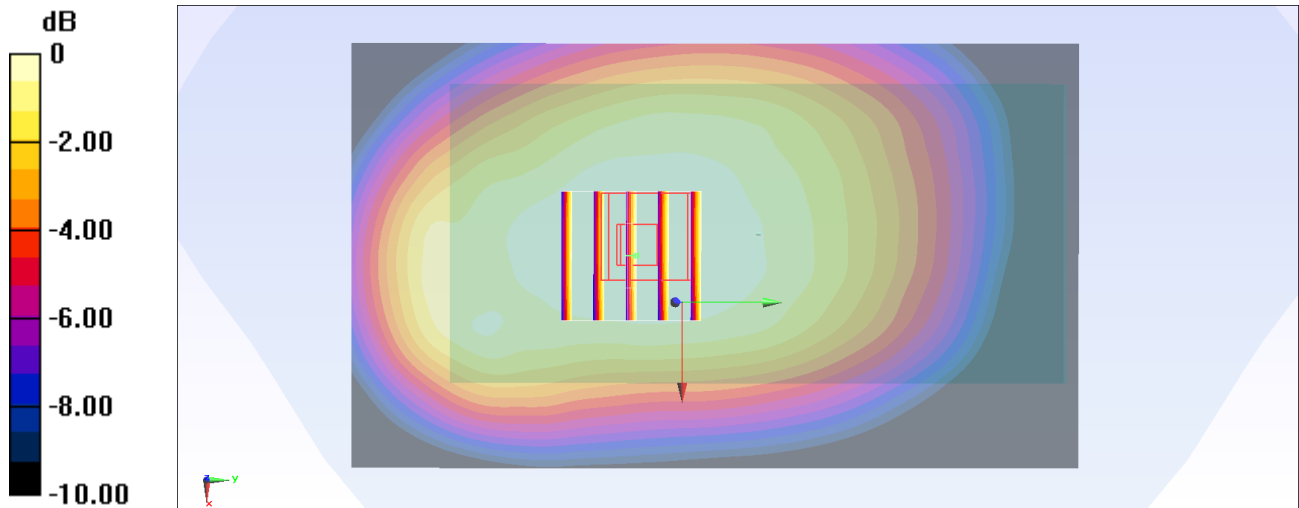
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.24 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.443 W/kg

**SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.271 W/kg**

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

**#95\_FR1\_n77\_100M\_BPSK\_1\_1\_Front\_10mm\_Ch656000**

Communication System: NR; Frequency: 3840 MHz; Duty Cycle: 1:1

Medium: HSL\_3900\_221010 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.264$  S/m;  $\epsilon_r = 37.708$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(6.89, 6.89, 6.89) @ 3840 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

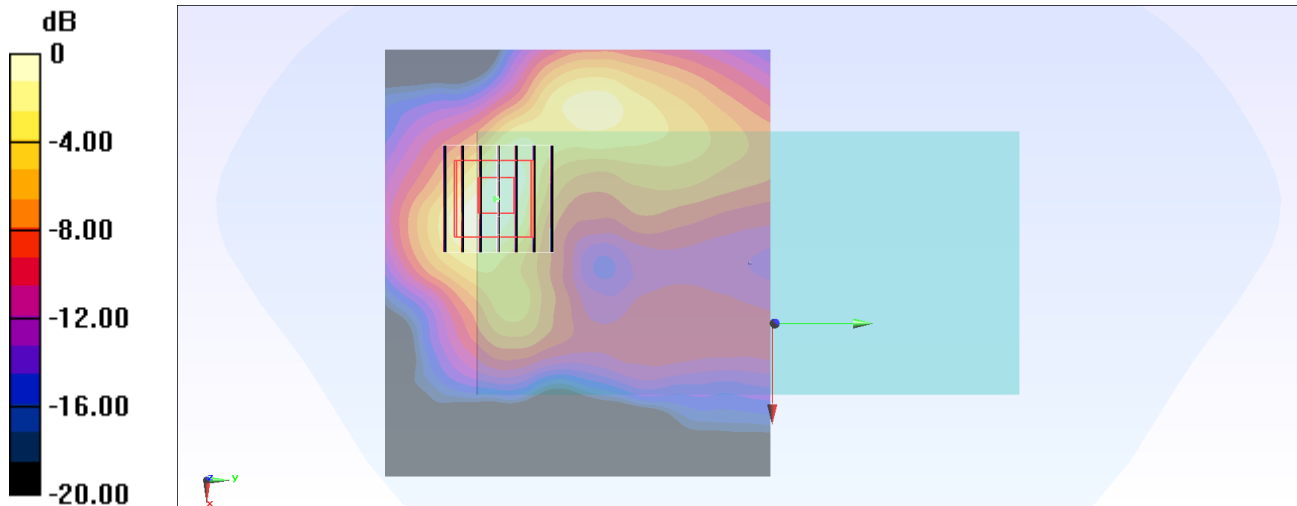
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 13.64 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.897 W/kg

**SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.157 W/kg**

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

**#96\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch6**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.018

Medium: HSL\_2450\_220920 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.774$  S/m;  $\epsilon_r = 39.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.52, 7.52, 7.52) @ 2437 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.721 W/kg

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

Reference Value = 18.95 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.863 W/kg

**SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.725 W/kg

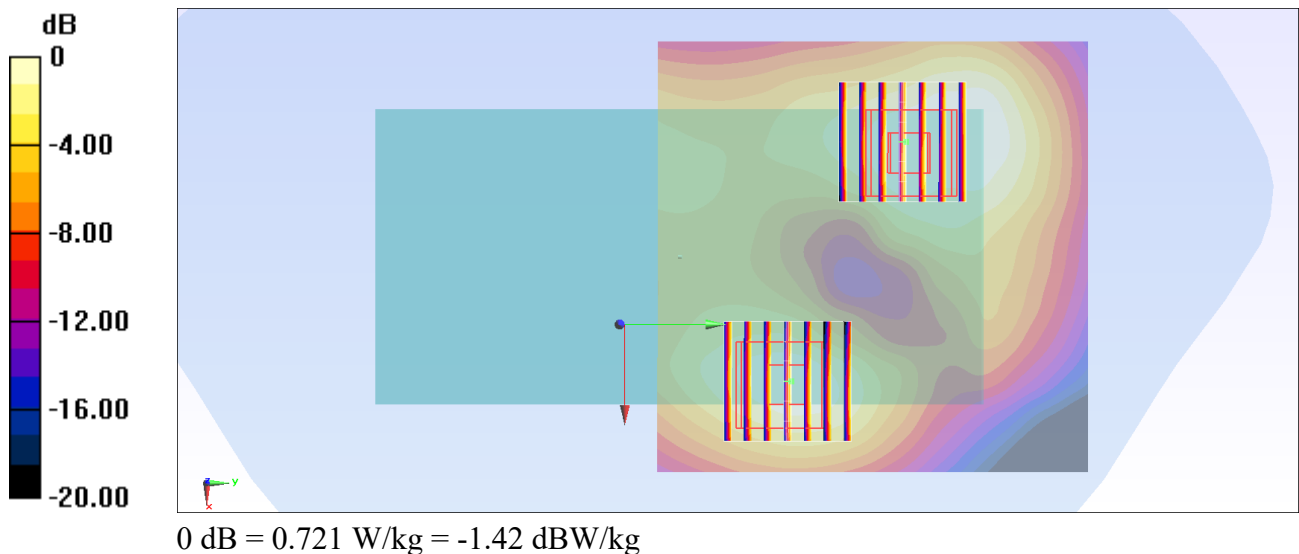
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.95 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.854 W/kg

**SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.710 W/kg



### #97\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch52

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_221026 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.8$  S/m;  $\epsilon_r = 36.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

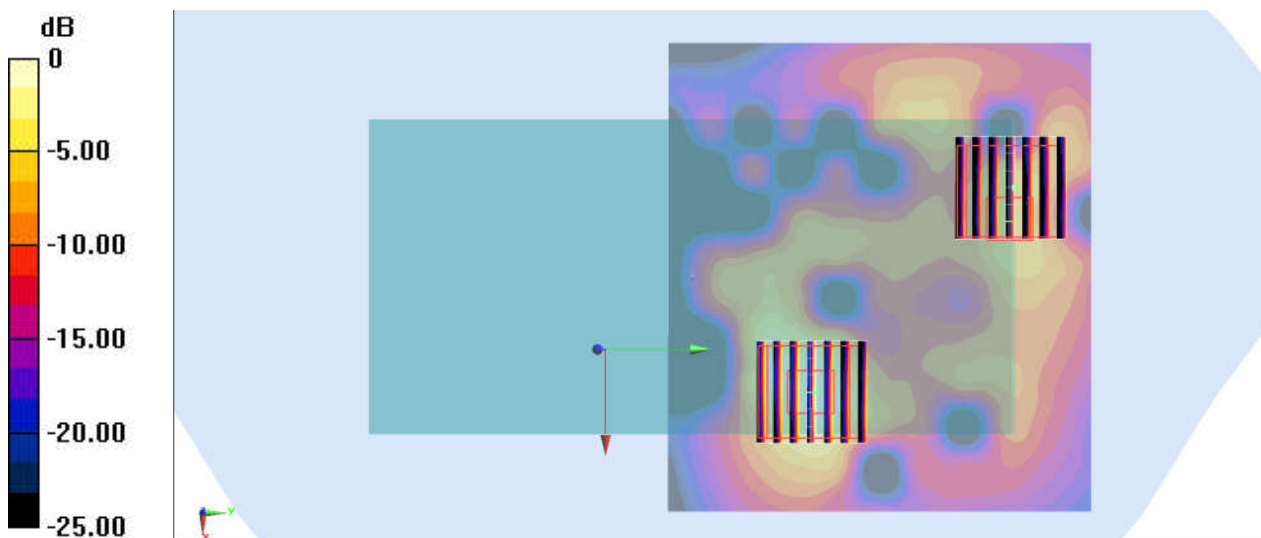
#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.6, 5.6, 5.6) @ 5260 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.974 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 10.94 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 1.47 W/kg  
**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.059 W/kg**  
Maximum value of SAR (measured) = 0.354 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 10.94 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 1.37 W/kg  
**SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.168 W/kg**  
Maximum value of SAR (measured) = 0.909 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

### #98\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch124

Communication System: 802.11a ; Frequency: 5620 MHz;Duty Cycle: 1:1  
Medium: HSL\_5G\_221027 Medium parameters used :  $f = 5620$  MHz;  $\sigma = 5.285$  S/m;  $\epsilon_r = 36.687$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

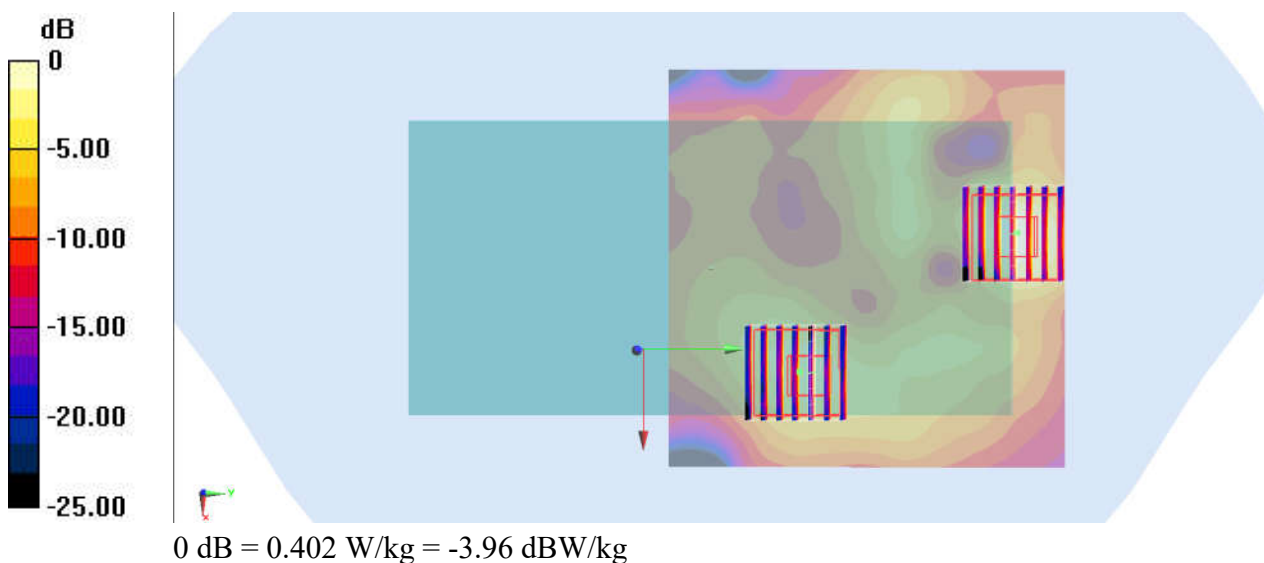
#### DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.85, 4.85, 4.85) @ 5620 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.402 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 5.339 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 0.656 W/kg  
**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.067 W/kg**  
Maximum value of SAR (measured) = 0.417 W/kg

**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 5.339 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 0.358 W/kg  
**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.042 W/kg**  
Maximum value of SAR (measured) = 0.222 W/kg



**#99\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch157**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_221026 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.365$  S/m;  $\epsilon_r = 35.675$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(5.15, 5.15, 5.15) @ 5785 MHz; Calibrated: 2022/1/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2022/2/28
- Phantom: SAM\_Left; Type: SAM; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.855 W/kg

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

Reference Value = 7.691 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.718 W/kg

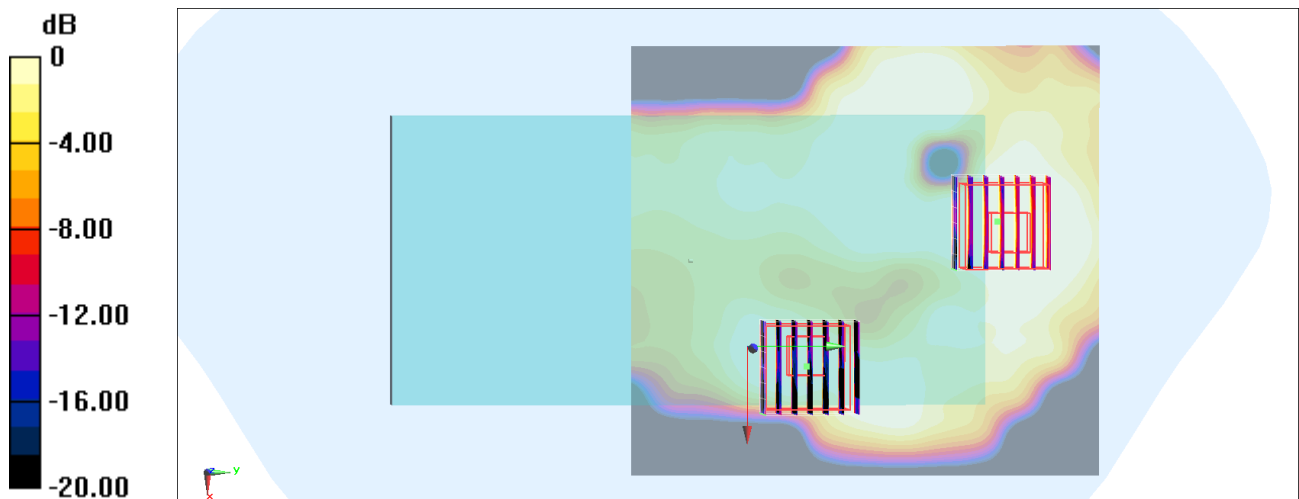
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.691 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.405 W/kg

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg



**#100\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch169**

Communication System: 802.11a; Frequency: 5845 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_220922 Medium parameters used:  $f = 5845$  MHz;  $\sigma = 5.262$  S/m;  $\epsilon_r = 35.665$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5845 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.537 W/kg

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

Reference Value = 6.326 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.884 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.512 W/kg

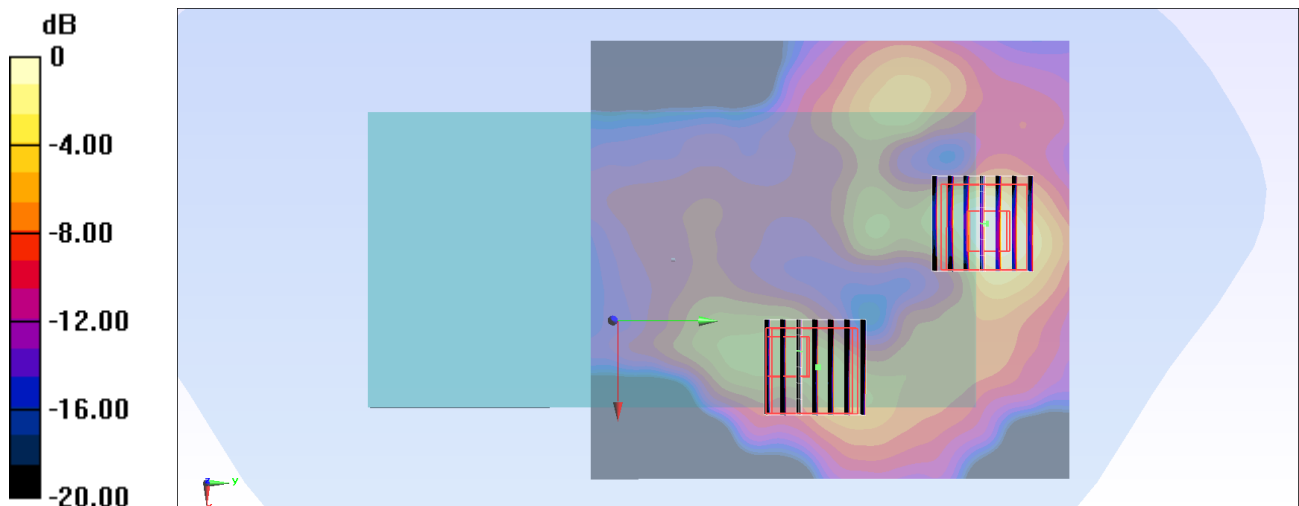
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.326 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.345 W/kg

**SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

**#101\_WLAN6GHz\_802.11ax-HE80 MCS0\_Back\_10mm\_Ch215**

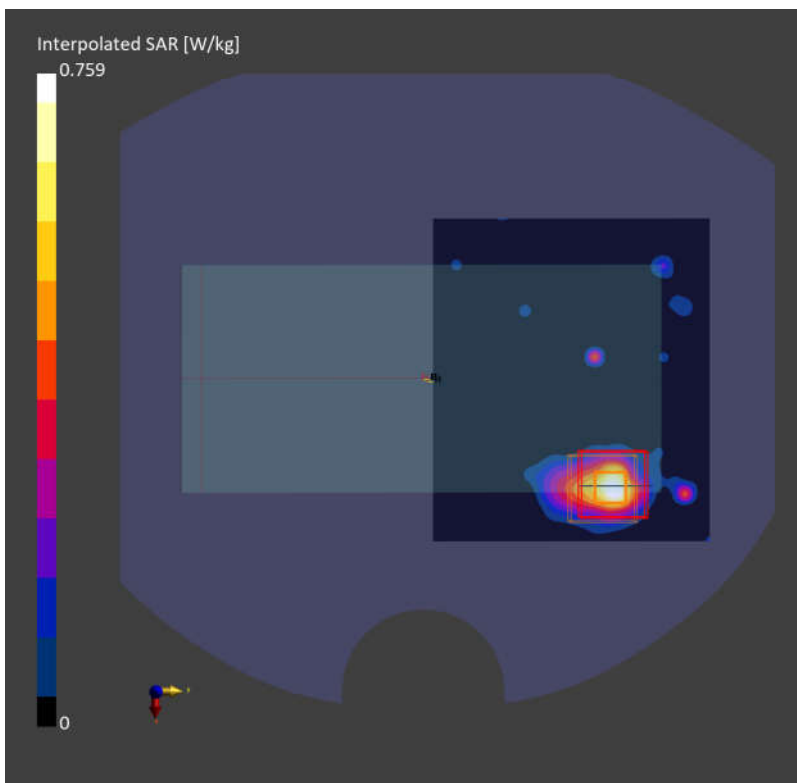
Communication System:802.11ax; Frequency: 7025.0 MHz; Duty Cycle: 1:1.011  
Medium: HSL\_6G\_220921 Medium parameters used:  $f= 7025.0$  MHz;  $\sigma= 6.82$  S/m;  $\epsilon_r = 33.8$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-03-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10719-AAC

**Area Scan (105.0 mm x 90.0 mm):** Measurement Grid: 7.5 mm x 7.5 mm  
SAR (1g) = 0.127 W/kg; SAR (10g) = 0.038 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 2.9 mm x 2.9 mm x 1.2 mm  
Power Drift = 0.19 dB  
SAR (1g) = 0.160 W/kg; SAR (8g) = 0.059 W/kg; SAR (10g) = 0.051 W/kg  
psAPD (1.0cm<sup>2</sup>, sq) = 1.60 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 1.19 [W/m<sup>2</sup>]



## #102\_Bluetooth\_1Mbps\_Back\_10mm\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_220920 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.778$  S/m;  $\epsilon_r = 39.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.52, 7.52, 7.52) @ 2441 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 0.449 W/kg

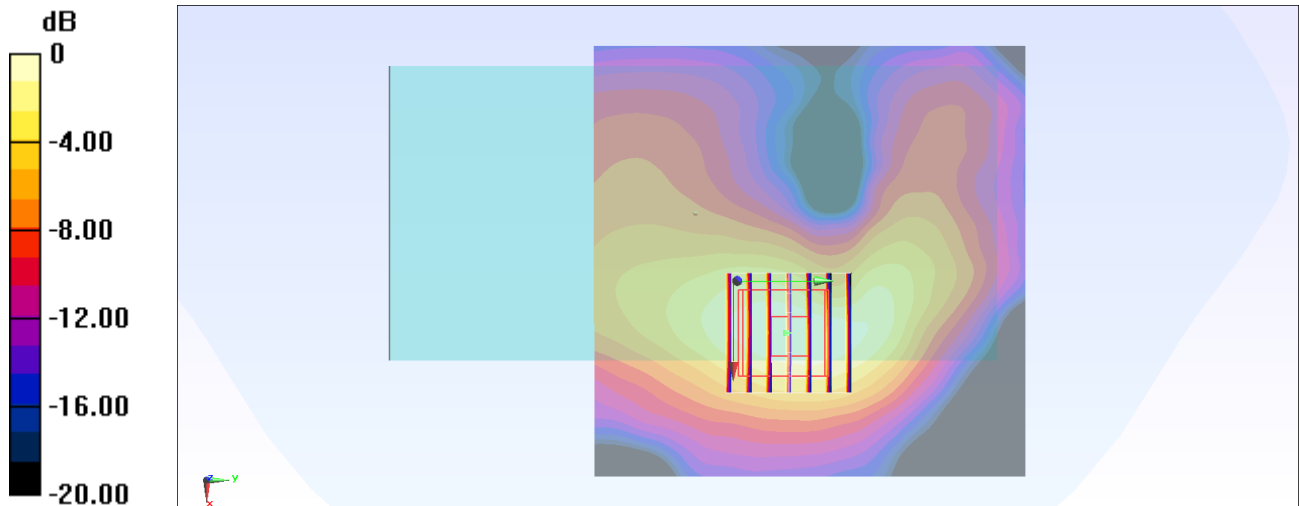
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.946 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.531 W/kg

**SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.139 W/kg**

Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.433 W/kg = -3.64 dBW/kg

**#103\_LTE Band 2\_20M\_QPSK\_1\_0\_Top Side\_0mm\_Ch19100**

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

Medium: HSL\_1900\_221017 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.424$  S/m;  $\epsilon_r = 38.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(8.56, 8.56, 8.56) @ 1900 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 11.1 W/kg

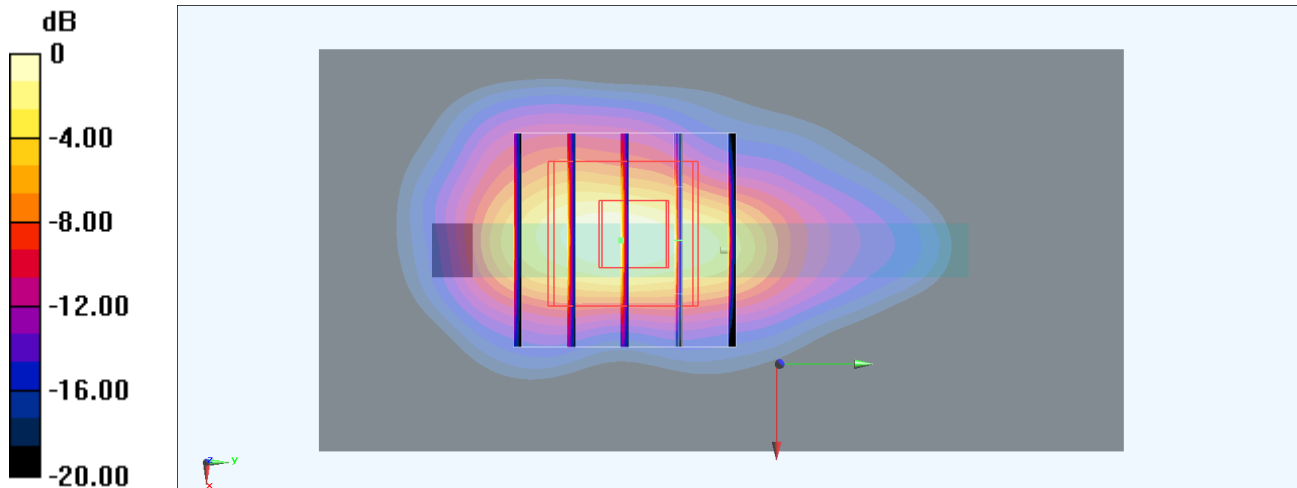
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.44 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 15.4 W/kg

**SAR(1 g) = 6.38 W/kg; SAR(10 g) = 2.54 W/kg**

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

**#104\_LTE Band 66\_20M\_QPSK\_1\_0\_Right Side\_0mm\_Ch132572**

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_221017 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.359$  S/m;  $\epsilon_r = 40.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.43, 5.43, 5.43) @ 1770 MHz; Calibrated: 2021/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1696; Calibrated: 2021/11/3
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.72 W/kg

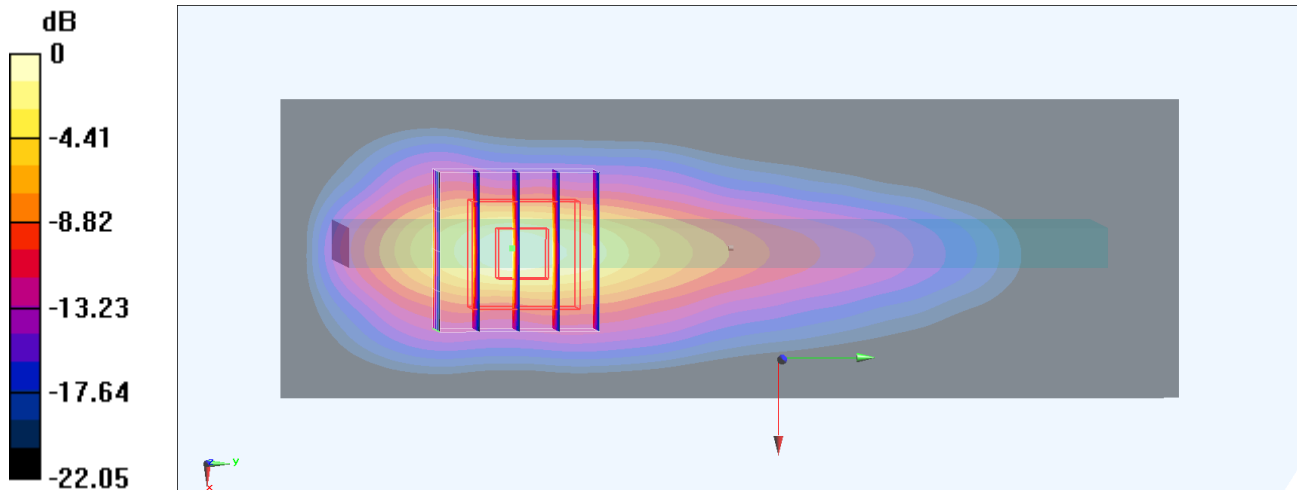
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.33 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 14.0 W/kg

**SAR(1 g) = 5.81 W/kg; SAR(10 g) = 2.26 W/kg**

Maximum value of SAR (measured) = 8.77 W/kg



0 dB = 8.77 W/kg = 9.43 dBW/kg

### #105\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch64

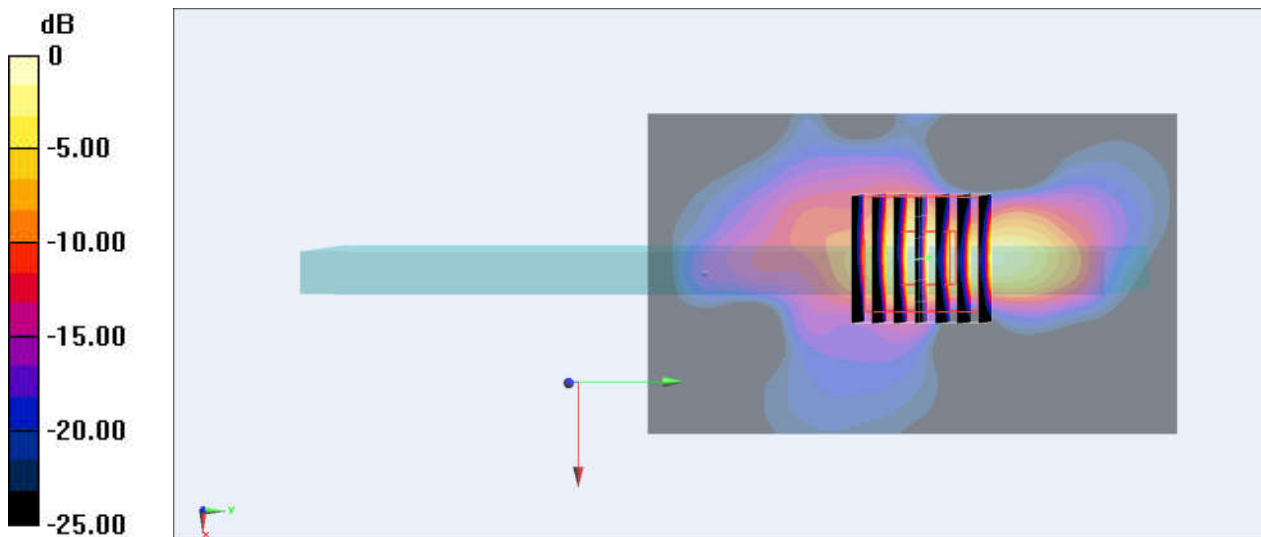
Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_221026 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.887$  S/m;  $\epsilon_r = 36.845$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.6, 5.6, 5.6) @ 5320 MHz; Calibrated: 2021/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 14.0 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 12.05 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 42.1 W/kg  
**SAR(1 g) = 5.97 W/kg; SAR(10 g) = 1.35 W/kg**  
Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

### #106\_WLAN5GHz\_802.11a 6Mbps\_Top Side\_0mm\_Ch100

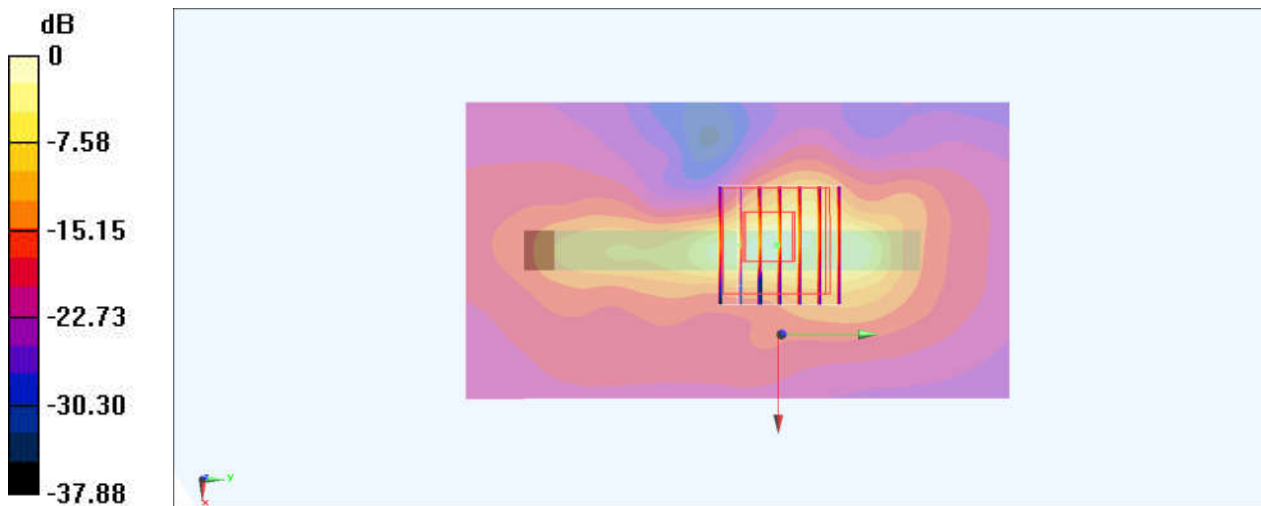
Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_221012 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.929$  S/m;  $\epsilon_r = 36.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.85, 4.85, 4.85) @ 5500 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Left; Type: QD000P40CB; Serial: S/N:1488
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 6.96 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 9.632 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 19.1 W/kg  
**SAR(1 g) = 3.22 W/kg; SAR(10 g) = 0.854 W/kg**  
Maximum value of SAR (measured) = 8.85 W/kg



0 dB = 8.85 W/kg = 9.47 dBW/kg

## #107\_WLAN5GHz\_802.11a 6Mbps\_Top Side\_0mm\_Ch169

Communication System: 802.11a; Frequency: 5845 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_220922 Medium parameters used:  $f = 5845$  MHz;  $\sigma = 5.262$  S/m;  $\epsilon_r = 35.665$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5845 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.43 W/kg

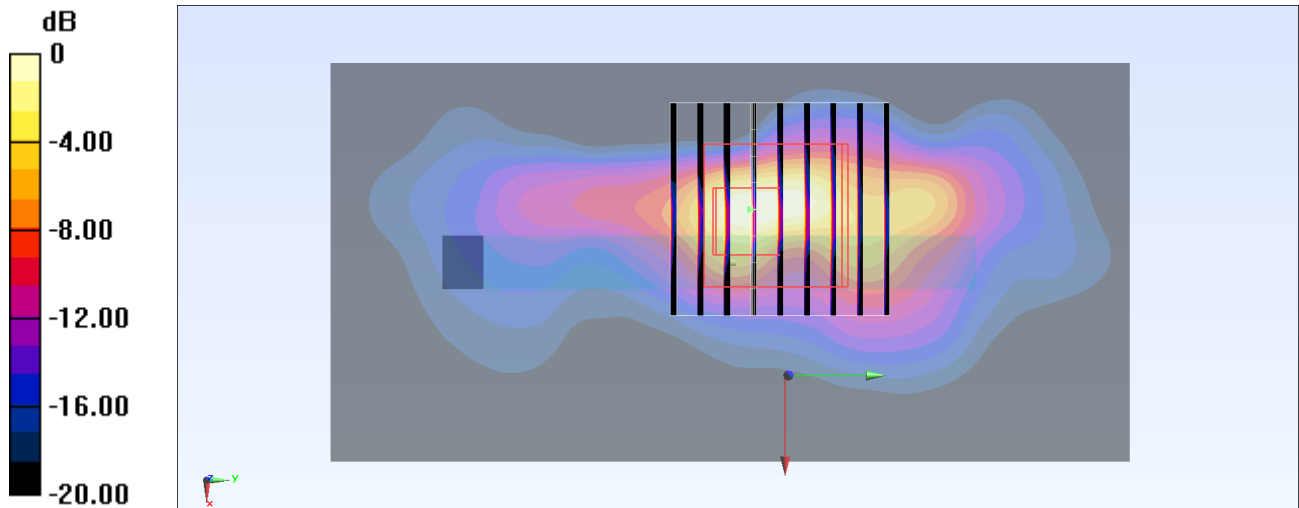
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.44 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 25.5 W/kg

**SAR(1 g) = 3.48 W/kg; SAR(10 g) = 0.888 W/kg**

Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 6.43 W/kg = 8.08 dBW/kg



## #108\_WLAN6GHz\_802.11ax-HE80 MCS0\_Back\_0mm\_Ch215

Communication System: 802.11ax; Frequency: 7025.0 MHz; Duty Cycle: 1:1.011  
Medium: HSL\_6G\_220921 Medium parameters used:  $f = 7025.0$  MHz;  $\sigma = 6.82$  S/m;  $\epsilon_r = 33.8$   
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

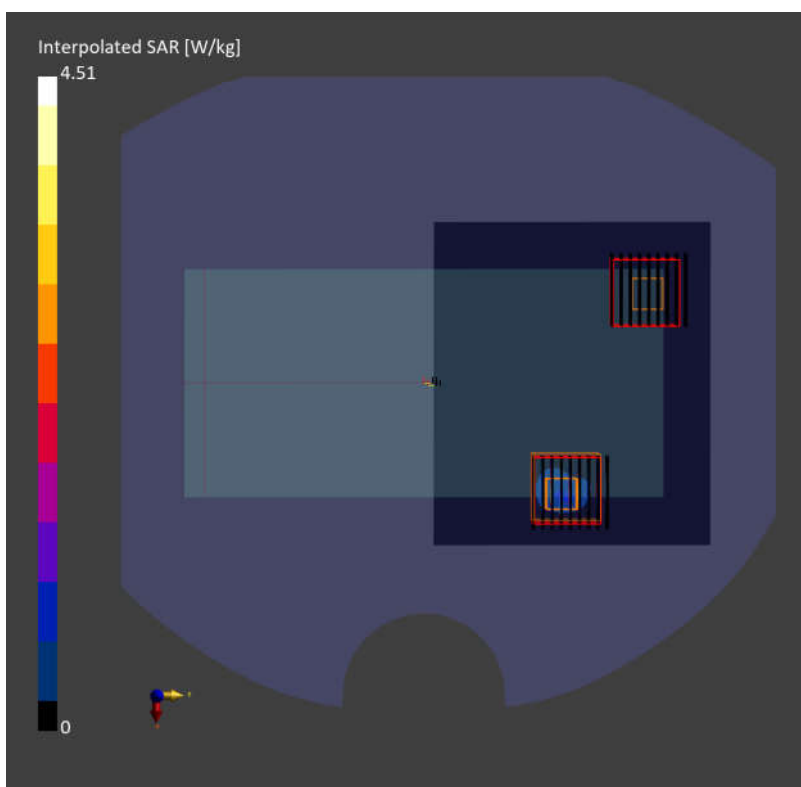
### DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-03-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: WLAN, 10719-AAC

**Area Scan (105.0 mm x 90.0 mm):** Measurement Grid: 7.5 mm x 7.5 mm  
SAR (1g) = 0.592 W/kg; SAR (10g) = 0.160 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.0 mm x 3.0 mm x 1.4 mm  
Power Drift = 0.17 dB  
SAR (1g) = 0.155 W/kg; SAR (8g) = 0.053 W/kg; SAR (10g) = 0.046 W/kg  
psAPD (1.0cm<sup>2</sup>, sq) = 1.55 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 1.05 [W/m<sup>2</sup>]

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.0 mm x 3.0 mm x 1.4 mm  
Power Drift = 0.17 dB  
SAR (1g) = 0.712 W/kg; SAR (8g) = 0.21 W/kg; SAR (10g) = 0.18 W/kg  
psAPD (1.0cm<sup>2</sup>, sq) = 7.12 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 4.2 [W/m<sup>2</sup>]



#109\_WLAN6GHz\_802.11ax-HE80 MCS0\_Back\_2mm\_Ch119

**Device Under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	152.0 x 74.0 x 8.0		Phone

**Exposure Conditions**

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	BACK, 2.00	6545.0	1.0

**Hardware Setup**

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1044	Air -	EUmmWV3 - SN9424_F1-55GHz, 2022-04-06	DAE4 Sn316, 2022-01-26

**Scans Setup**

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 80.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

**Measurement Results**

Date	2022-09-22
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	3.65
psPDtot+ [W/m <sup>2</sup> ]	4.28
H <sub>max</sub> [A/m]	0.137
E <sub>max</sub> [V/m]	65.4
max <sub>(Stot)</sub> [W/m <sup>2</sup> ]	6.70
iPDn	3.48
Power Drift [dB]	-0.18

