

**#56\_WLAN2.4GHz\_820.11b 1Mbps\_Back\_10mm\_Ch6**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: HSL\_2450\_200522 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.824$  S/m;  $\epsilon_r = 39.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2437 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

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

Reference Value = 17.75 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.807 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.567 W/kg

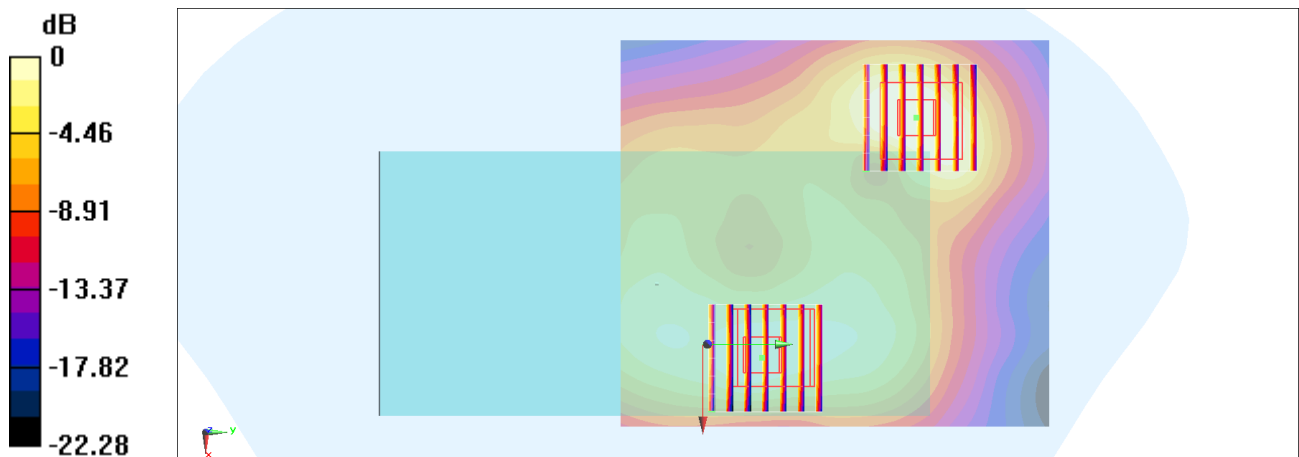
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.75 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.634 W/kg

**SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.172 W/kg**

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



0 dB = 0.426 W/kg = -3.71 dBW/kg

**#57\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Side\_10mm\_Ch46**

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.042

Medium: HSL\_5G\_200521 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 4.636$  S/m;  $\epsilon_r = 37.482$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.49, 5.49, 5.49) @ 5230 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

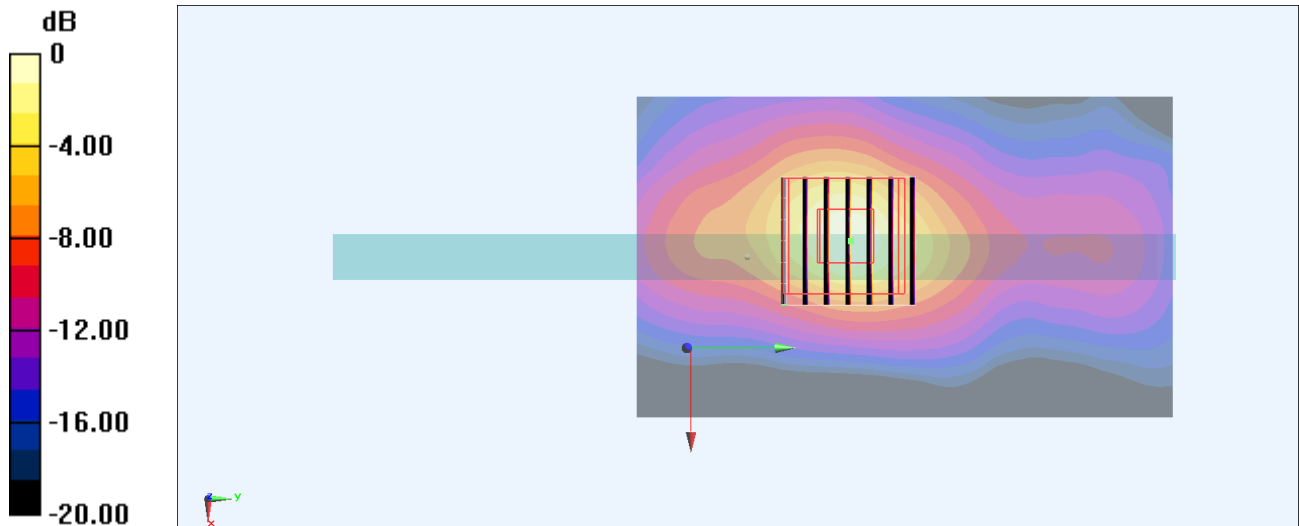
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.13 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.139 W/kg**

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



0 dB = 1.07 W/kg = 0.29 dBW/kg

**#58\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Left Side\_10mm\_Ch155**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL\_5G\_200521 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.189$  S/m;  $\epsilon_r = 36.702$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5775 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.661 W/kg

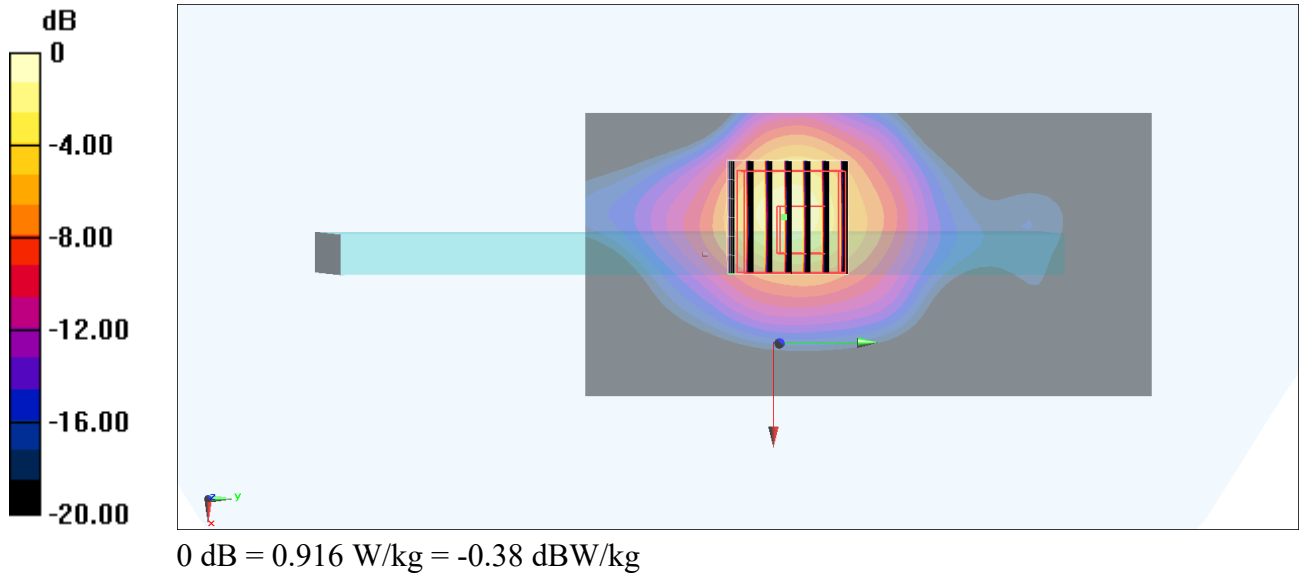
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.609 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.916 W/kg



**#59\_Bluetooth\_1Mbps\_Back\_10mm\_Ch0**

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_200522 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 39.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2402 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.389 W/kg

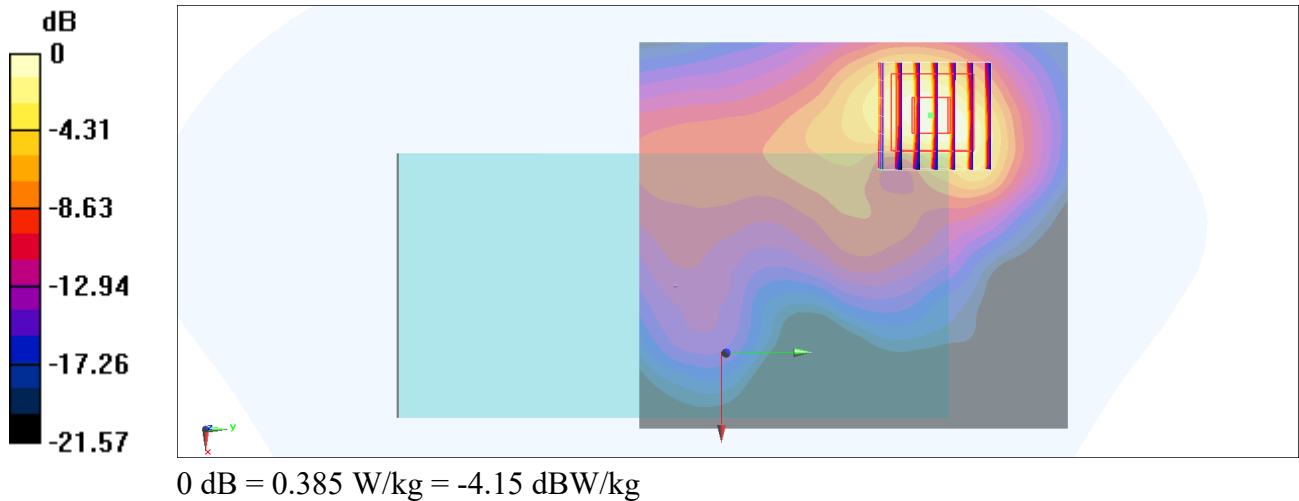
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.537 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.385 W/kg



**#60\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_200529 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 40.521$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 848.8 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- 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) = 0.554 W/kg

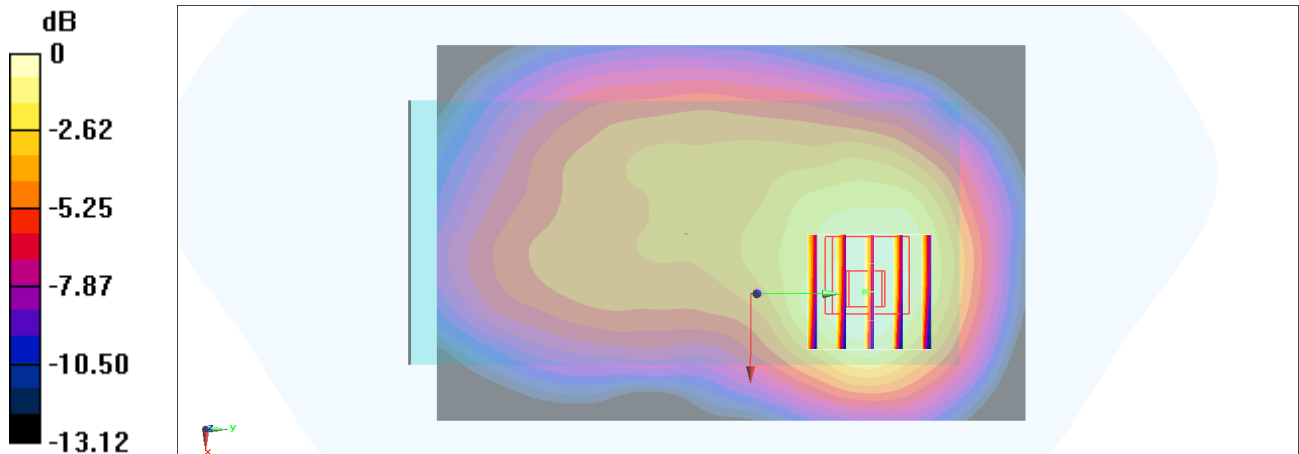
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.72 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.319 W/kg**

Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.530 W/kg = -2.76 dBW/kg

**#61\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch810**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_200601 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 39.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(8.18, 8.18, 8.18) @ 1909.8 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- 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) = 0.976 W/kg

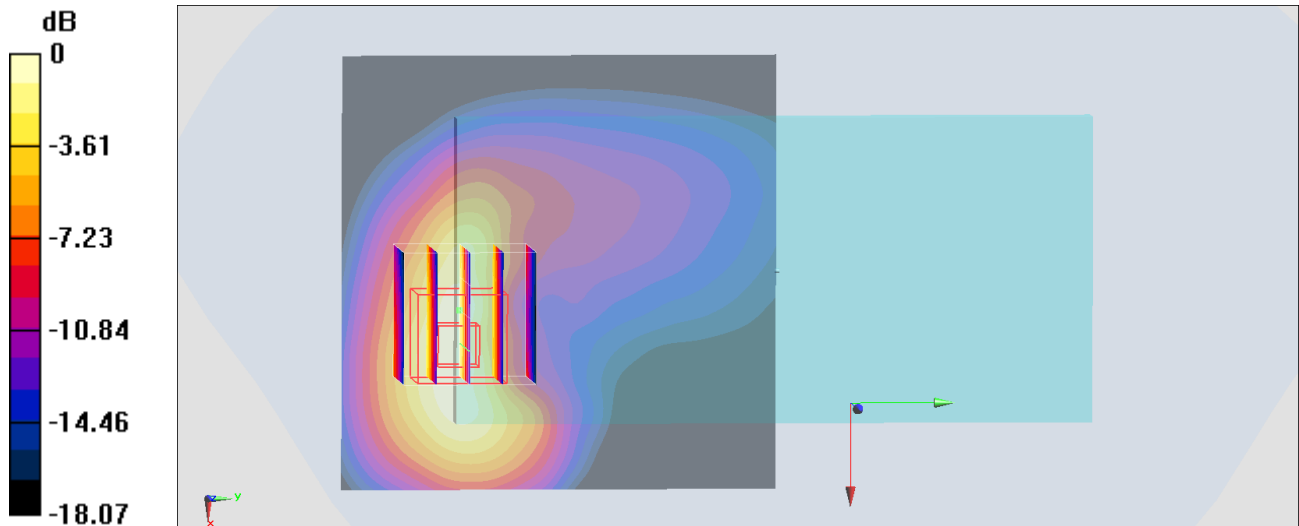
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.54 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

**#62\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538**

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

Medium: HSL\_1900\_200515 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.455$  S/m;  $\epsilon_r = 41.095$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1907.6 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

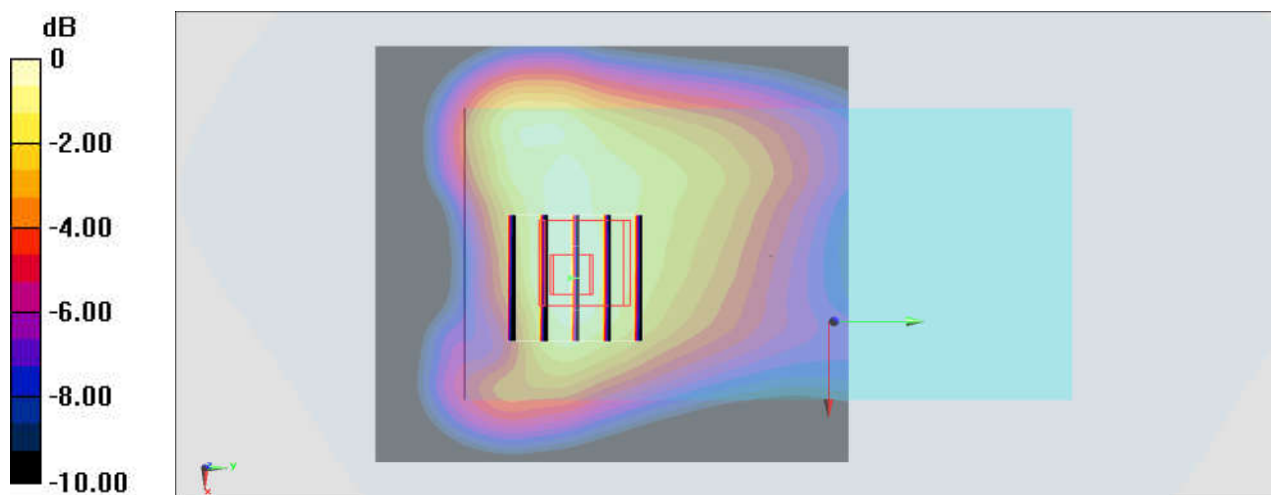
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.93 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.479 W/kg**

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

**#63\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1413**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200515 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.344$  S/m;  $\epsilon_r = 39.789$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(8.06, 8.06, 8.06) @ 1732.6 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

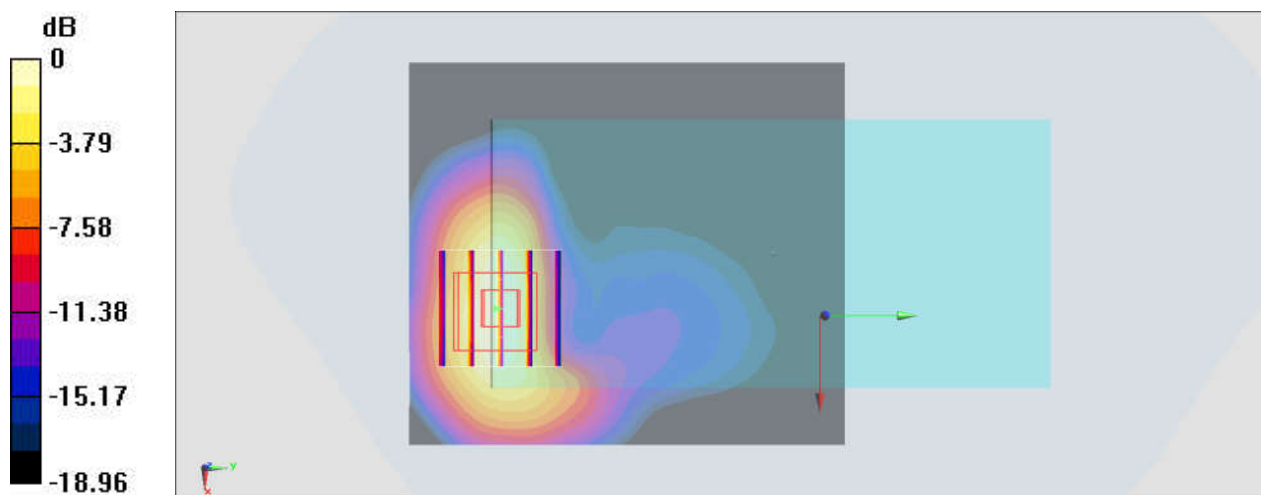
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.49 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.449 W/kg**

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



0 dB = 1.27 W/kg = 1.04 dBW/kg

**#64\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200512 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.795$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 846.6 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.629 W/kg

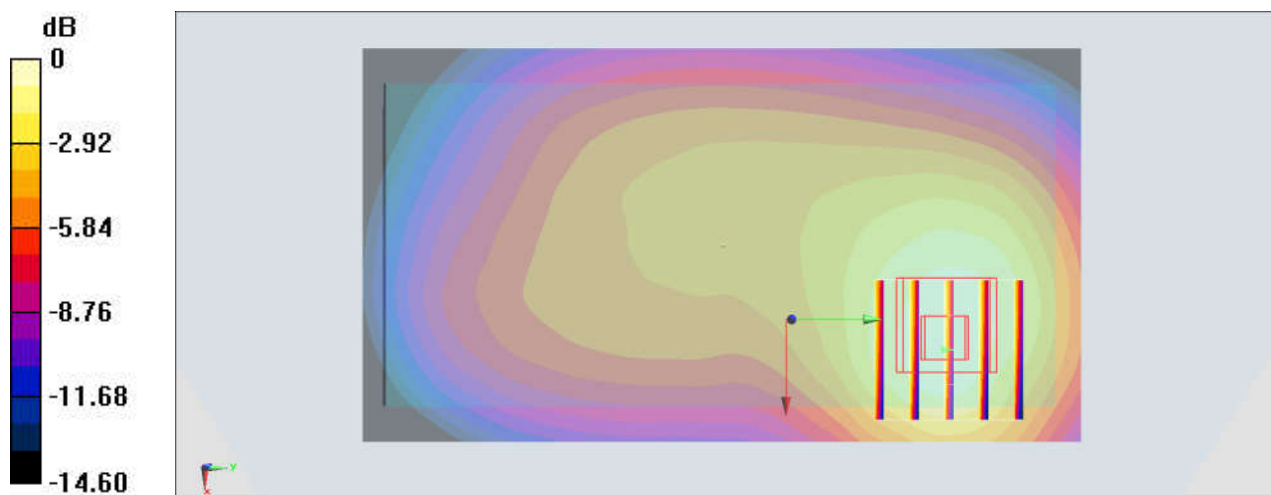
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.98 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.352 W/kg**

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



0 dB = 0.618 W/kg = -2.09 dBW/kg

**#65\_CDMA BC0\_1xRTT RC3 SO32\_Back\_10mm\_Ch777**

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200513 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 41.666$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 848.31 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.699 W/kg

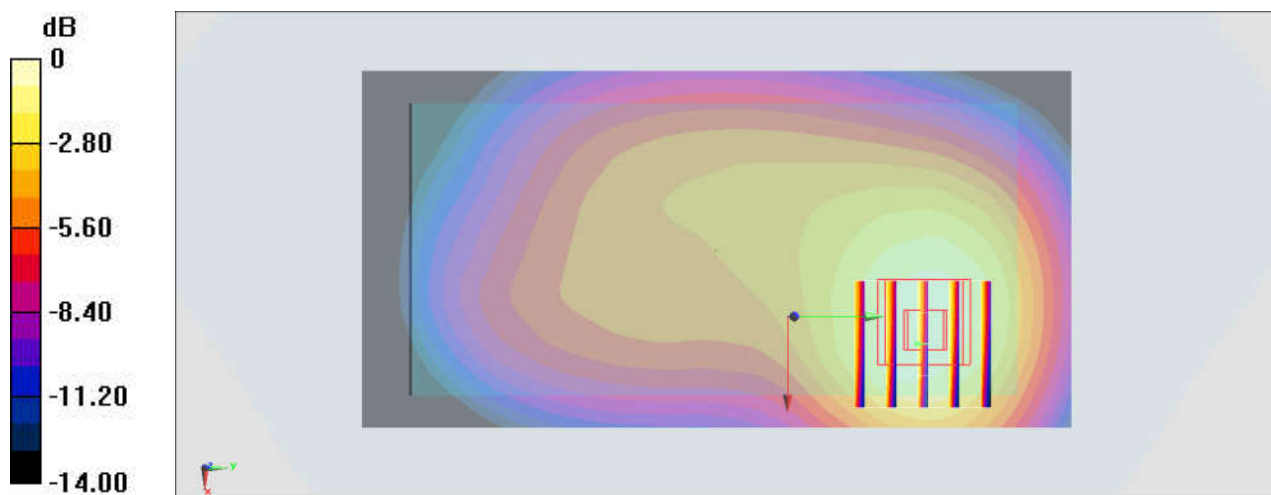
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.81 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.944 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.402 W/kg**

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

**#66\_CDMA BC1\_1xRTT RC3 SO32\_Back\_10mm\_Ch25**

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200516 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.393$  S/m;  $\epsilon_r = 40.415$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1851.25 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- 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) = 1.21 W/kg

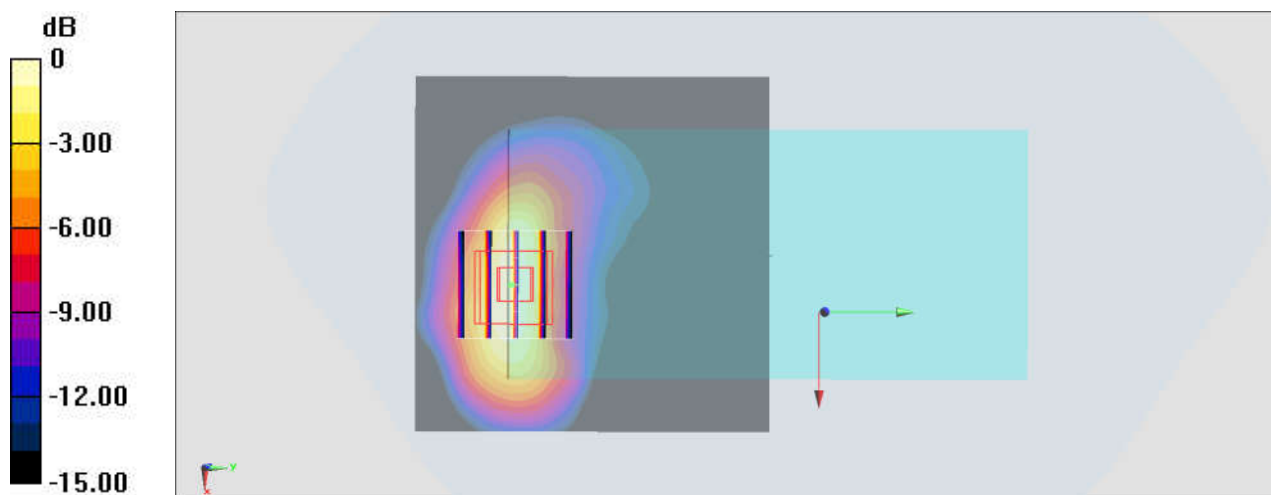
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.92 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.428 W/kg**

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



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

**#67\_CDMA BC10\_1xRTT RC3 SO32\_Back\_10mm\_Ch580**

Communication System: CDMA ; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200513 Medium parameters used :  $f = 820.5$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 42.031$ ;

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 820.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x111x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.629 W/kg

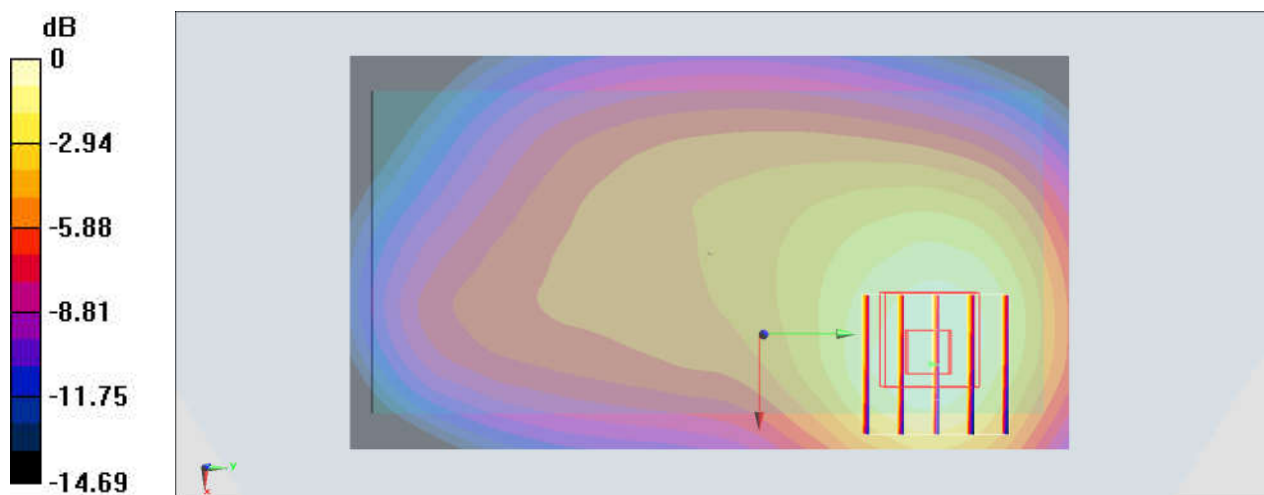
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 22.95 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.842 W/kg

**SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.352 W/kg**

Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

**#68\_LTE Band 7\_20M\_QPSK\_50\_50\_Back\_10mm\_Ch21350**

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

Medium: HSL\_2600\_200523 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.979$  S/m;  $\epsilon_r = 39.223$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.3, 7.3, 7.3) @ 2560 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

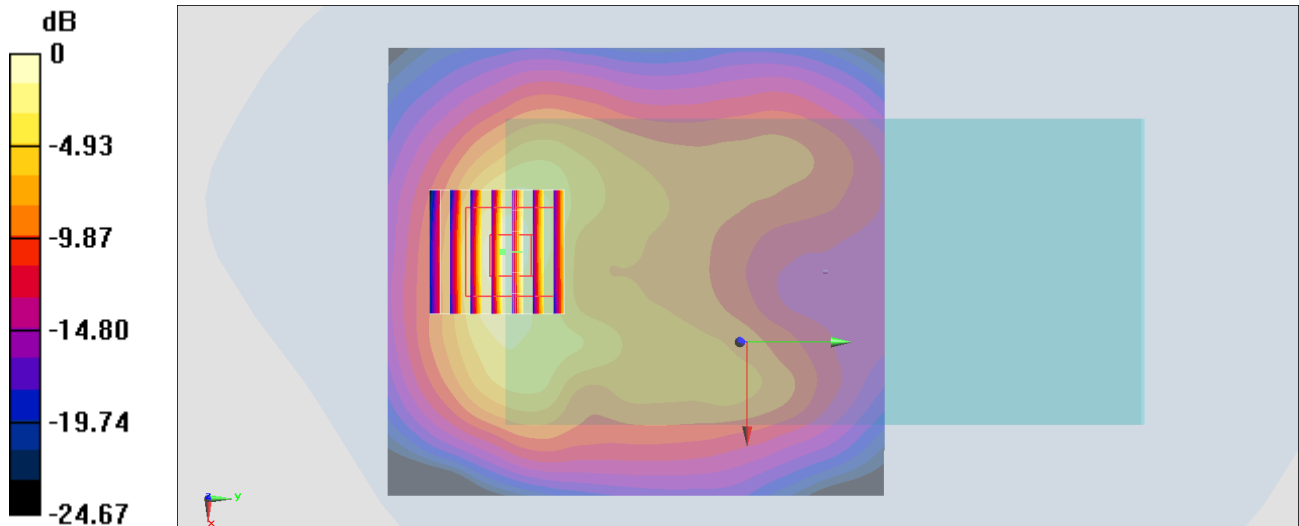
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.16 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.393 W/kg**

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



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

**#69\_LTE Band 12\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch23095**

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

Medium: HSL\_750\_200513 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 41.916$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.88, 9.88, 9.88) @ 707.5 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- 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) = 0.618 W/kg

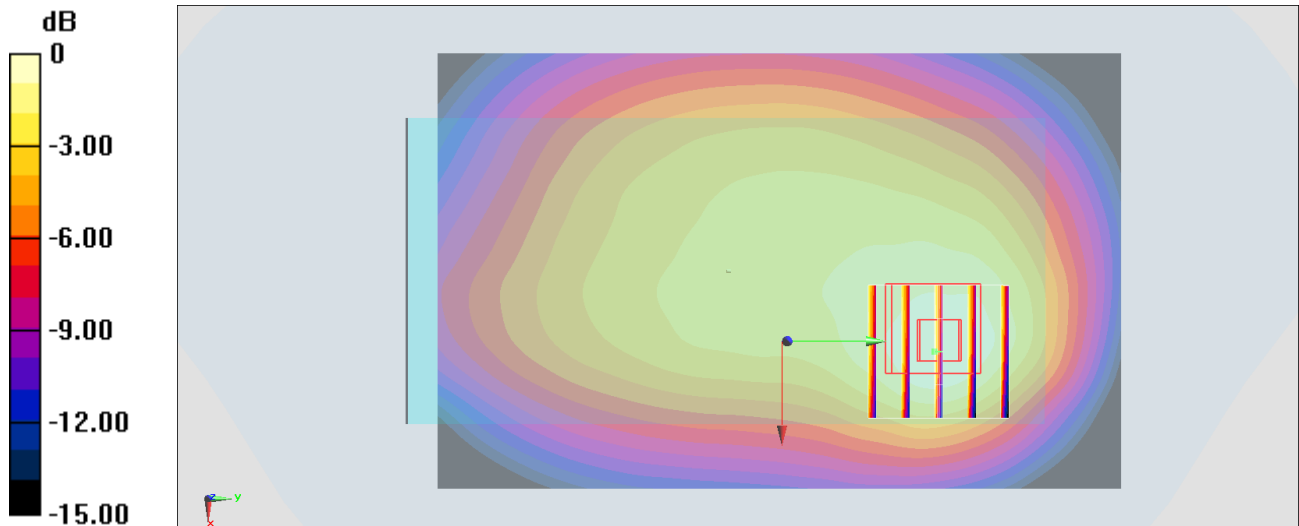
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.05 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.281 W/kg**

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

**#70\_LTE Band 13\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch23230**

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

Medium: HSL\_750\_200512 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 40.636$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(6.61, 6.61, 6.61) @ 782 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

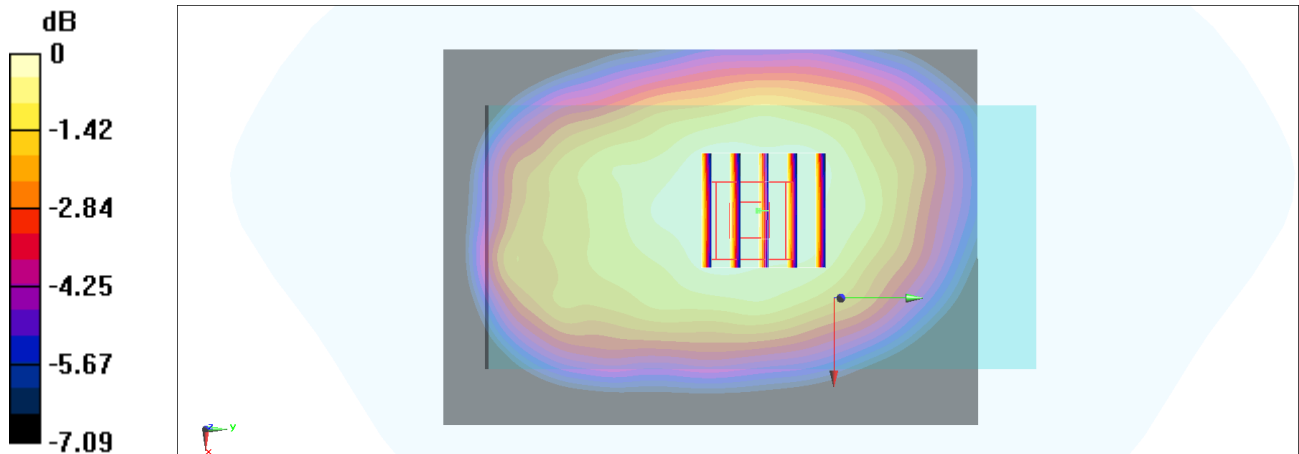
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.09 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.605 W/kg

**SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.420 W/kg**

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

**#71\_LTE Band 14\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23330**

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

Medium: HSL\_750\_200513 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 41.607$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.88, 9.88, 9.88) @ 793 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- 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) = 0.737 W/kg

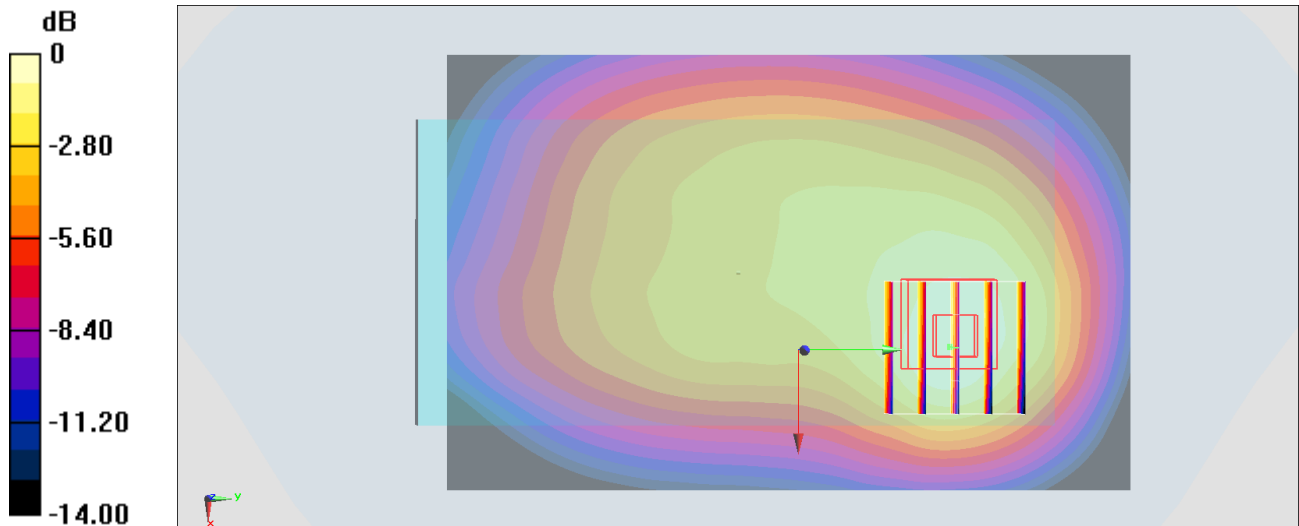
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.88 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.817 W/kg

**SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.358 W/kg**

Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg

**#72\_LTE Band 25\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch26590**

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

Medium: HSL\_1900\_200524 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 39.561$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1905 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- 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) = 0.883 W/kg

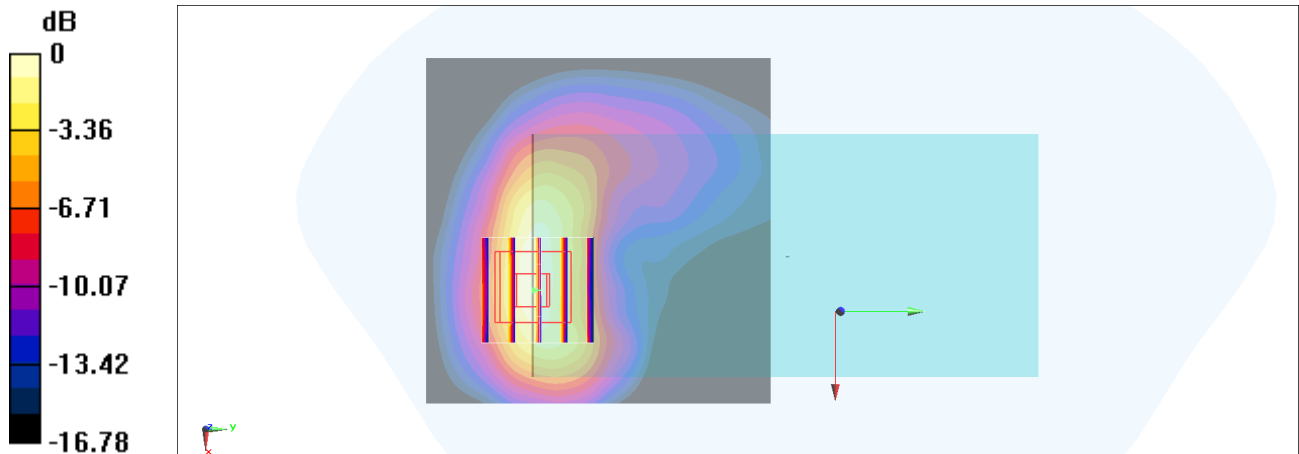
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.52 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.425 W/kg**

Maximum value of SAR (measured) = 0.932 W/kg



0 dB = 0.932 W/kg = -0.31 dBW/kg

**#73\_LTE Band 26\_15M\_QPSK\_1\_74\_Back\_10mm\_Ch26865**

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

Medium: HSL\_850\_200513 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 41.887$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 831.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x111x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.638 W/kg

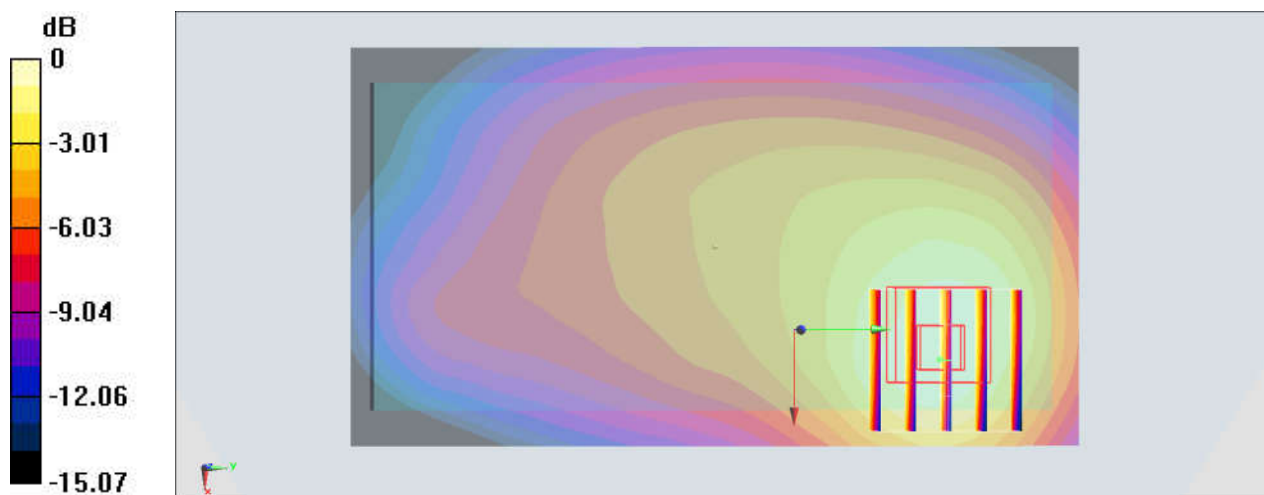
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 23.55 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.831 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.352 W/kg**

Maximum value of SAR (measured) = 0.624 W/kg



0 dB = 0.624 W/kg = -2.05 dBW/kg

**#74\_LTE Band 30\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch27710**

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

Medium: HSL\_2300\_200605 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.673$  S/m;  $\epsilon_r = 40.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.73, 7.73, 7.73) @ 2310 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.922 W/kg

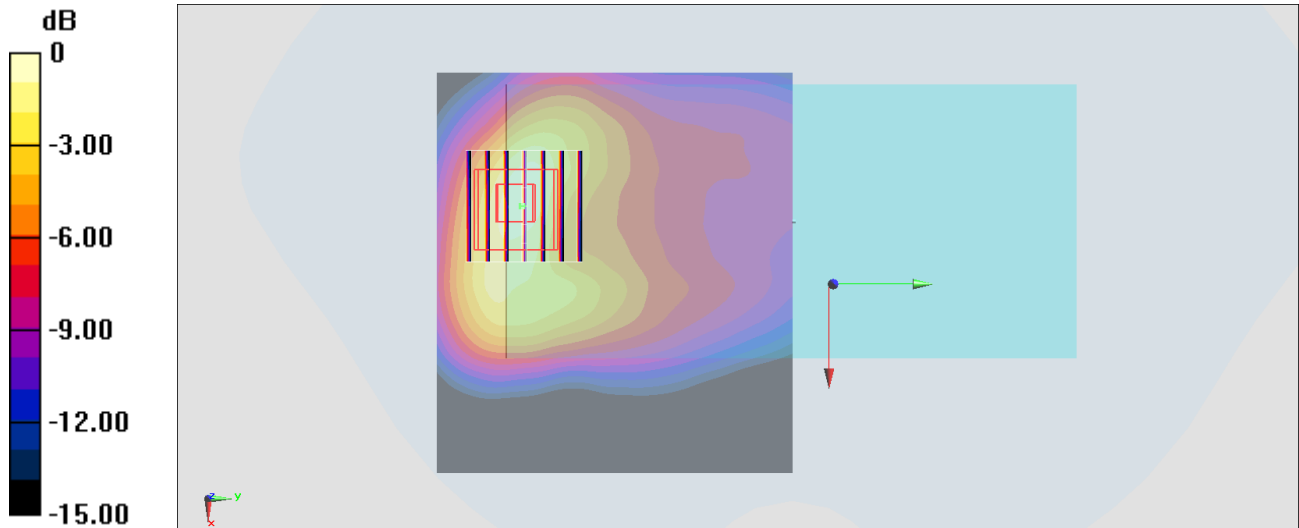
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.06 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.327 W/kg**

Maximum value of SAR (measured) = 0.935 W/kg



0 dB = 0.935 W/kg = -0.29 dBW/kg

**#75\_LTE Band 41\_20M\_QPSK\_100\_0\_Back\_10mm\_Ch41055**

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_200527 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 1.976$  S/m;  $\epsilon_r = 39.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(4.49, 4.49, 4.49) @ 2636.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

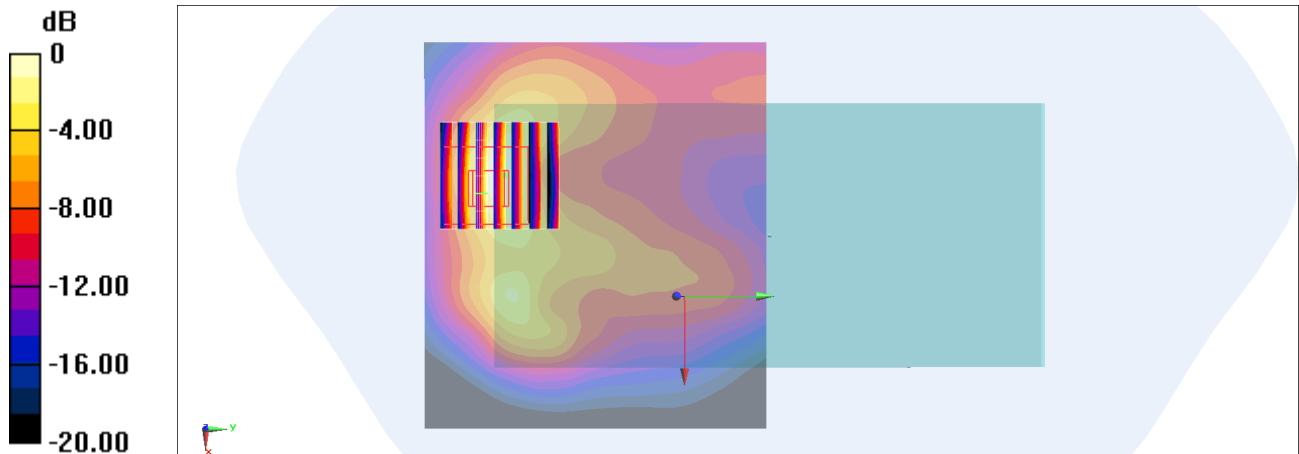
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.959 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.350 W/kg**

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

**#76\_LTE Band 48\_20M\_QPSK\_1\_1\_Back\_10mm\_Ch55340**

Communication System: LTE ; Frequency: 3560 MHz;Duty Cycle: 1:1.59

Medium: HSL\_3500\_200608 Medium parameters used:  $f = 3560$  MHz;  $\sigma = 3.011$  S/m;  $\epsilon_r = 38.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.6, 6.6, 6.6) @ 3560 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

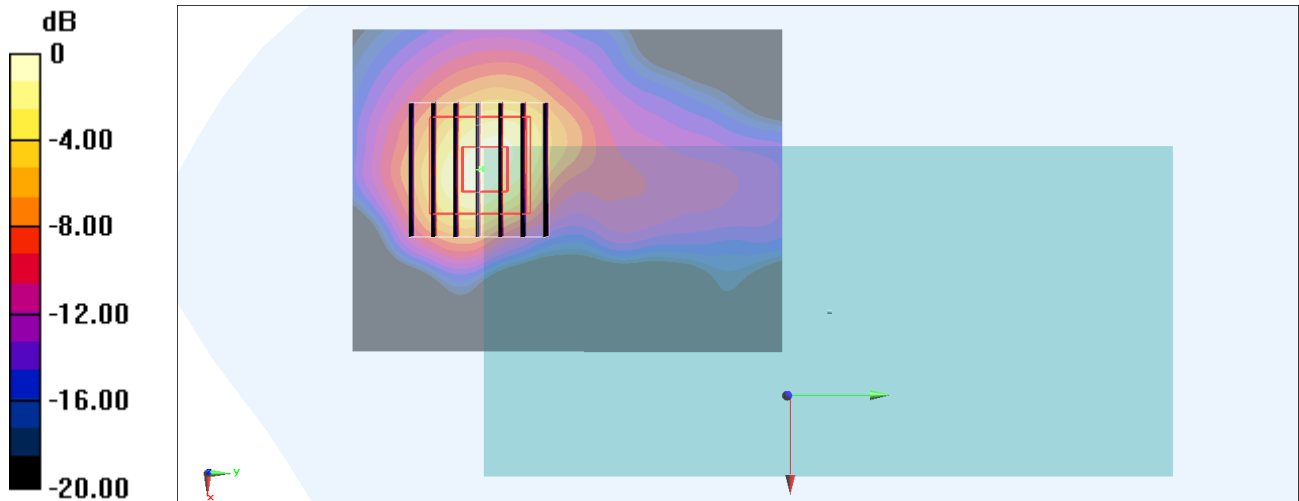
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 22.79 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.276 W/kg**

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



0 dB = 1.44 W/kg = 1.58 dBW/kg

**#77\_LTE Band 66\_20M\_QPSK\_50\_0\_Back\_10mm\_Ch132322**

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

Medium: HSL\_1750\_200525 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 40.332$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1745 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- 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) = 1.23 W/kg

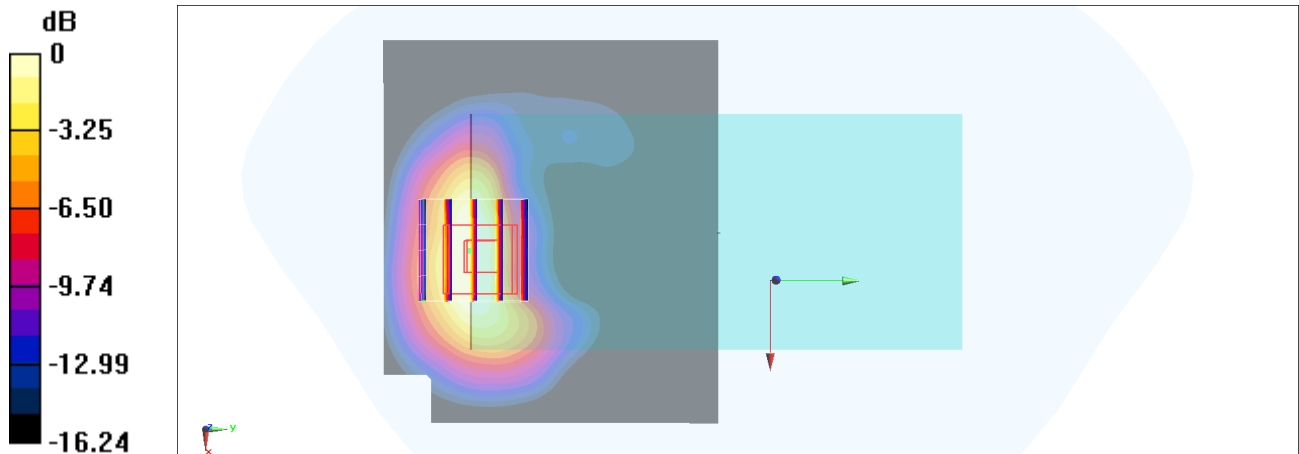
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.89 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.484 W/kg**

Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.996 W/kg = -0.02 dBW/kg

**#78\_LTE Band 71\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch133322**

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200513 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.878$  S/m;  $\epsilon_r = 42.016$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.88, 9.88, 9.88) @ 683 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

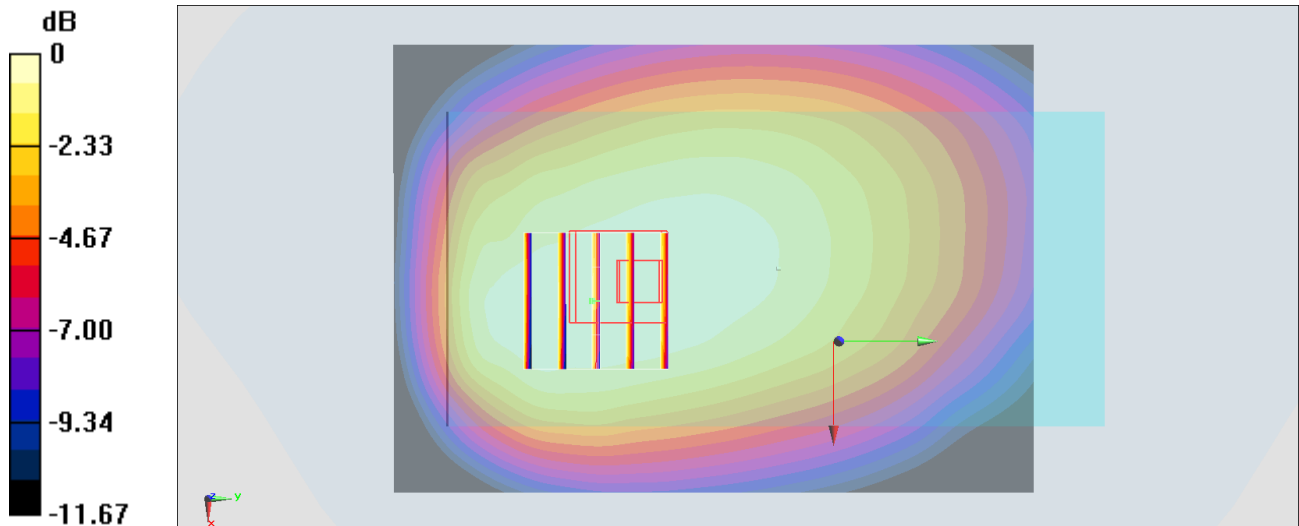
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.07 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 0.598 W/kg



0 dB = 0.598 W/kg = -2.23 dBW/kg

**#79\_LTE Sub 6G N5\_20M\_BPSK\_1\_53\_Back\_10mm\_Ch167300**

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

Medium: HSL\_850\_200606 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.884$  S/m;  $\epsilon_r = 40.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.6, 9.6, 9.6) @ 836.5 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- 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) = 0.684 W/kg

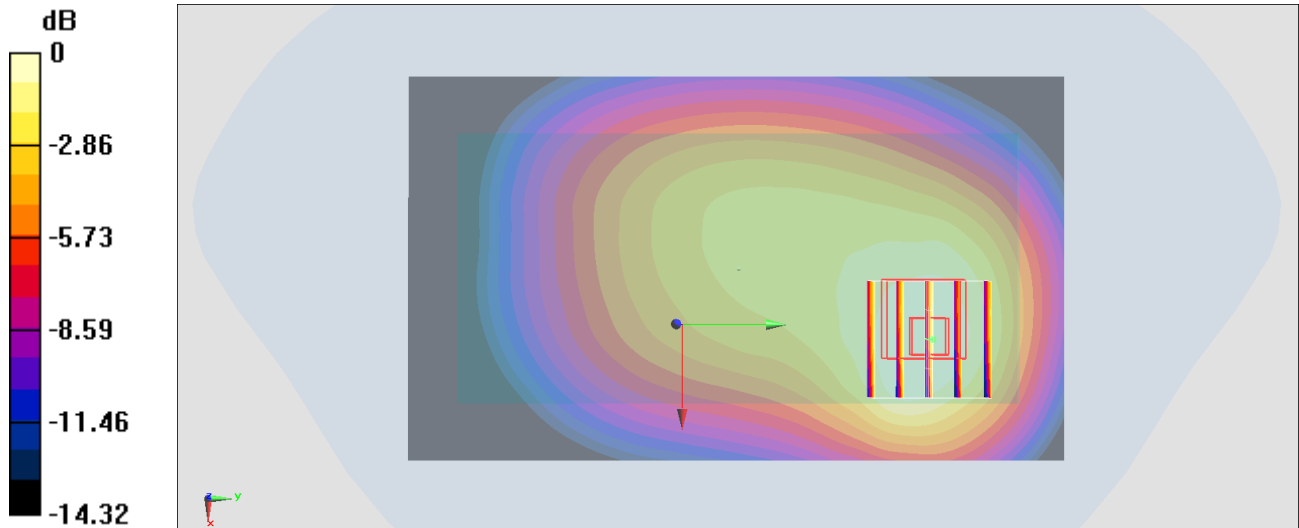
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.90 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.784 W/kg

**SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.357 W/kg**

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg

**#80\_LTE Sub 6G N12\_15M\_BPSK\_1\_1\_Back\_10mm\_Ch141500**

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

Medium: HSL\_750\_200607 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 42.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.88, 9.88, 9.88) @ 707.5 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- 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) = 0.489 W/kg

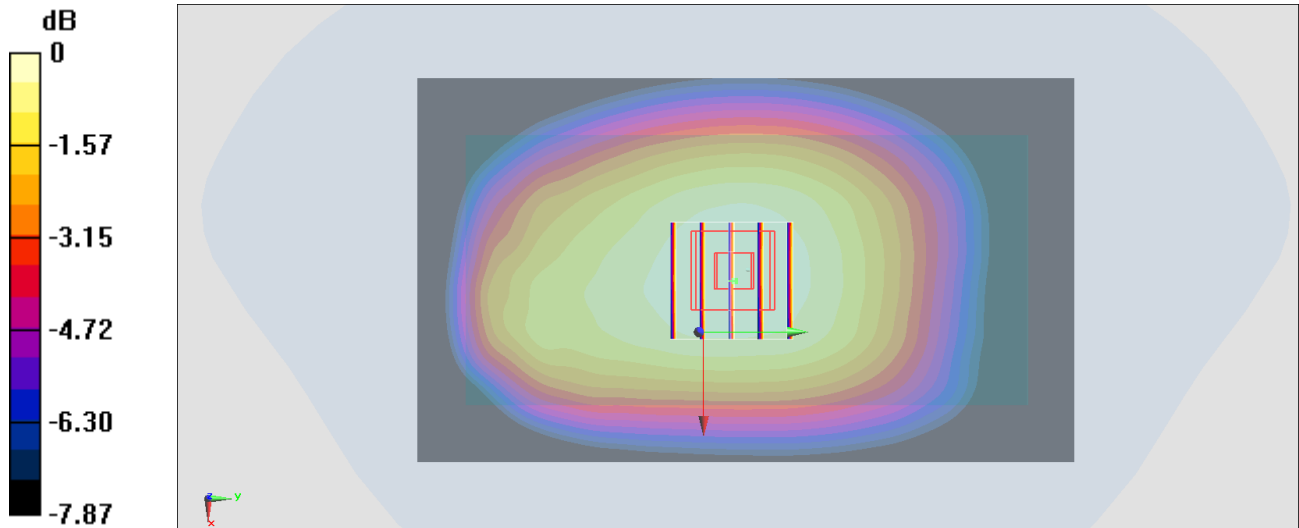
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.47 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.529 W/kg

**SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.315 W/kg**

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kg = -3.10 dBW/kg

**#81\_LTE Sub 6G N25\_20M\_BPSK\_1\_1\_Back\_10mm\_Ch381000**

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

Medium: HSL\_1900\_200528 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 40.655$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1905 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

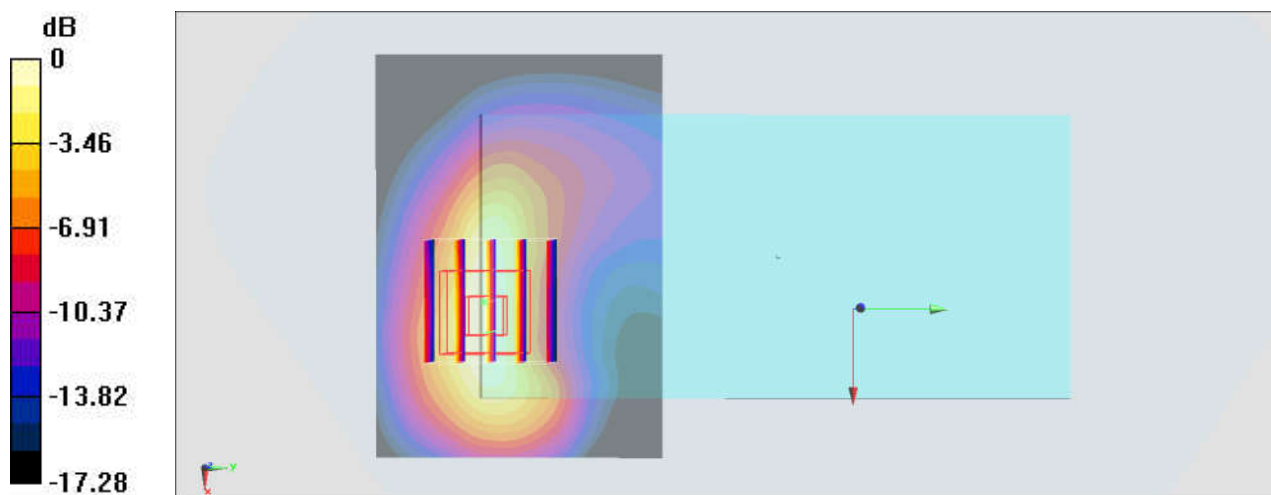
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.75 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.492 W/kg**

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



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

**#82\_LTE Sub 6G N66\_20M\_BPSK\_1\_1\_Back\_10mm\_Ch344000**

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

Medium: HSL\_1750\_200528 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.324$  S/m;  $\epsilon_r = 39.278$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(8.06, 8.06, 8.06) @ 1720 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- 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) = 1.32 W/kg

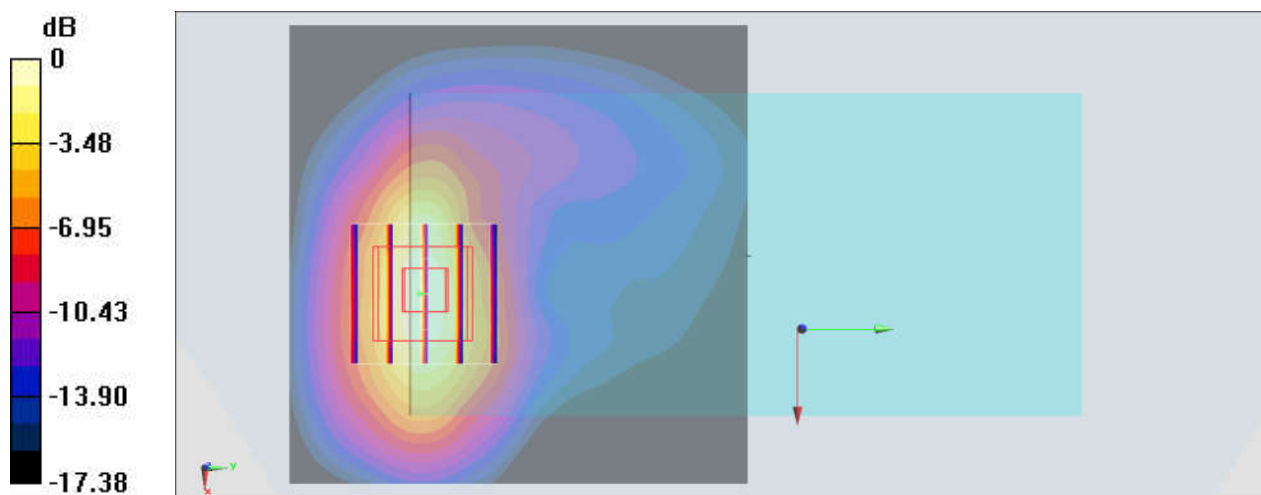
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.94 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.482 W/kg**

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



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

**#83\_LTE Sub 6G N71\_20M\_BPSK\_1\_1\_Back\_10mm\_Ch136100**

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

Medium: HSL\_750\_200607 Medium parameters used:  $f = 680.5$  MHz;  $\sigma = 0.867$  S/m;  $\epsilon_r = 41.593$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(9.88, 9.88, 9.88) @ 680.5 MHz; Calibrated: 2019/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- 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) = 0.644 W/kg

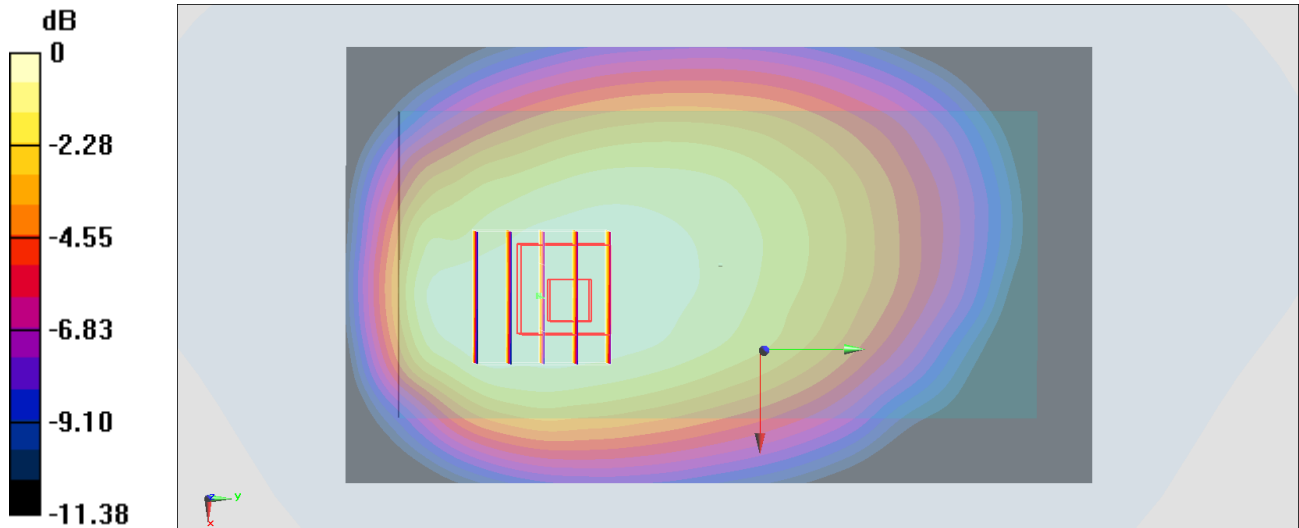
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.42 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.712 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.382 W/kg**

Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg = -1.94 dBW/kg

**#84\_LTE Sub 6G N41\_100M\_BPSK\_1\_1\_Back\_10mm\_Ch518598**

Communication System: LTE; Frequency: 2592.99 MHz; Duty Cycle: 1:4

Medium: HSL\_2600\_200616 Medium parameters used:  $f = 2592.99$  MHz;  $\sigma = 1.971$  S/m;  $\epsilon_r = 39.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.95, 6.95, 6.95) @ 2592.99 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.756 W/kg

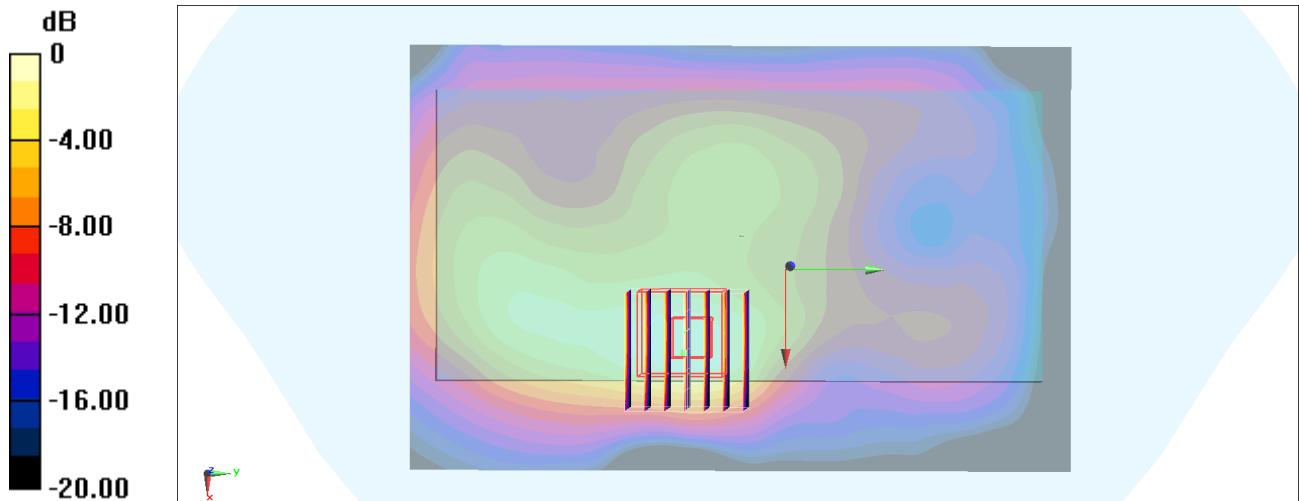
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.30 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.975 W/kg

**SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 0.761 W/kg



**#85\_WLAN2.4GHz\_820.11b 1Mbps\_Back\_10mm\_Ch11**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.011

Medium: HSL\_2450\_200522 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.848$  S/m;  $\epsilon_r = 39.42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2462 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.905 W/kg

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

Reference Value = 11.76 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.337 W/kg**

Maximum value of SAR (measured) = 0.903 W/kg

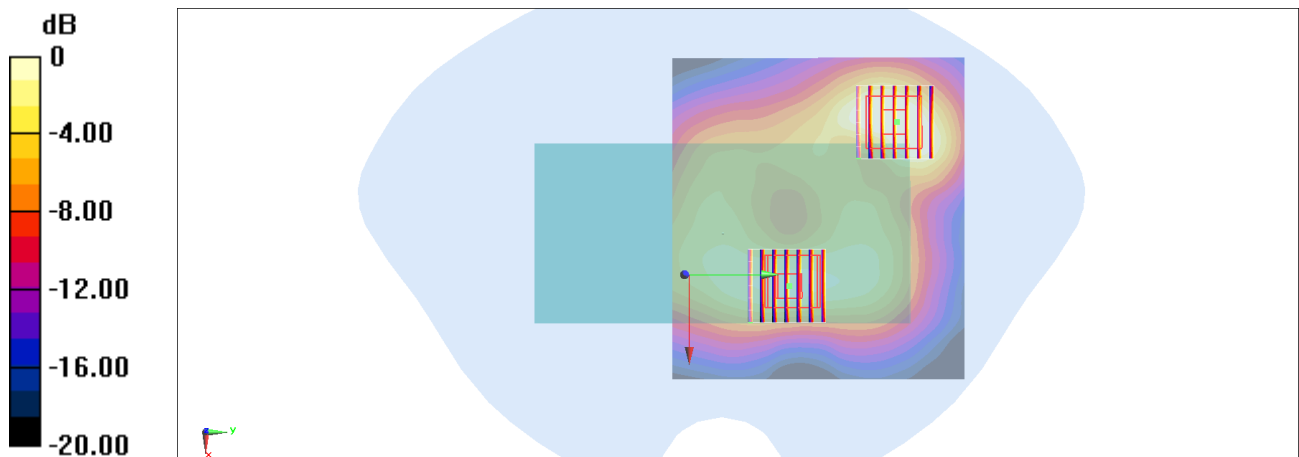
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.76 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.771 W/kg

**SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.210 W/kg**

Maximum value of SAR (measured) = 0.528 W/kg



0 dB = 0.528 W/kg = -2.77 dBW/kg

**#86\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch54**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.042

Medium: HSL\_5G\_200524 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.644$  S/m;  $\epsilon_r = 37.579$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.49, 5.49, 5.49) @ 5270 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x121x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

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

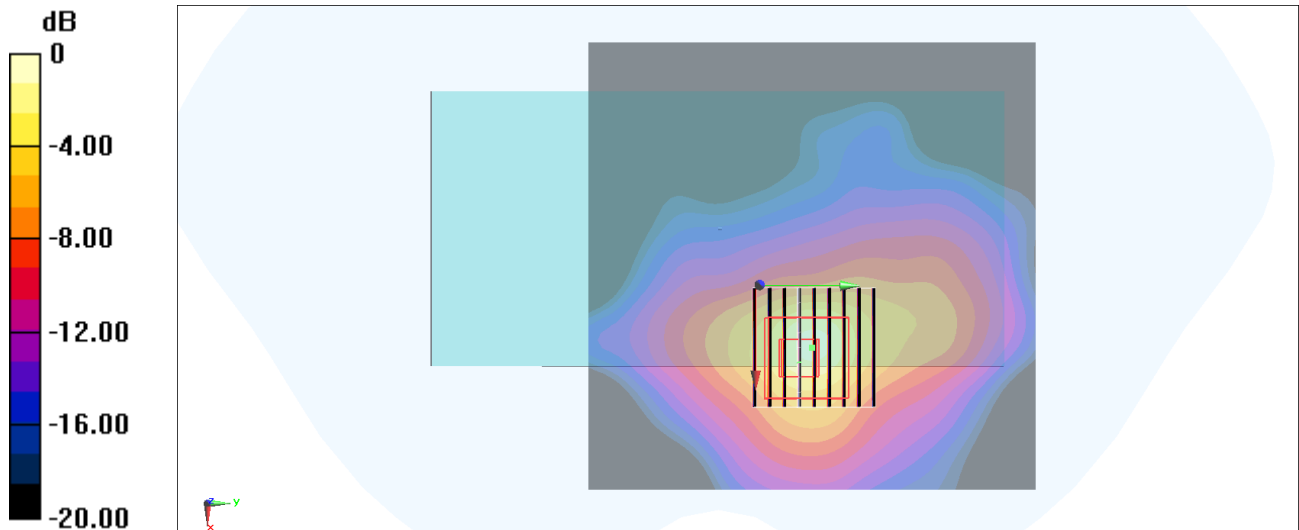
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

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

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.206 W/kg**

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



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

**#87\_WLAN5GHz\_802.11n-HT20 MCS0\_Back\_10mm\_Ch144**

Communication System: 802.11n ; Frequency: 5720 MHz; Duty Cycle: 1:1.024

Medium: HSL\_5G\_200526 Medium parameters used:  $f = 5720$  MHz;  $\sigma = 5.155$  S/m;  $\epsilon_r = 36.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5720 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.48 W/kg

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

Reference Value = 20.29 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg

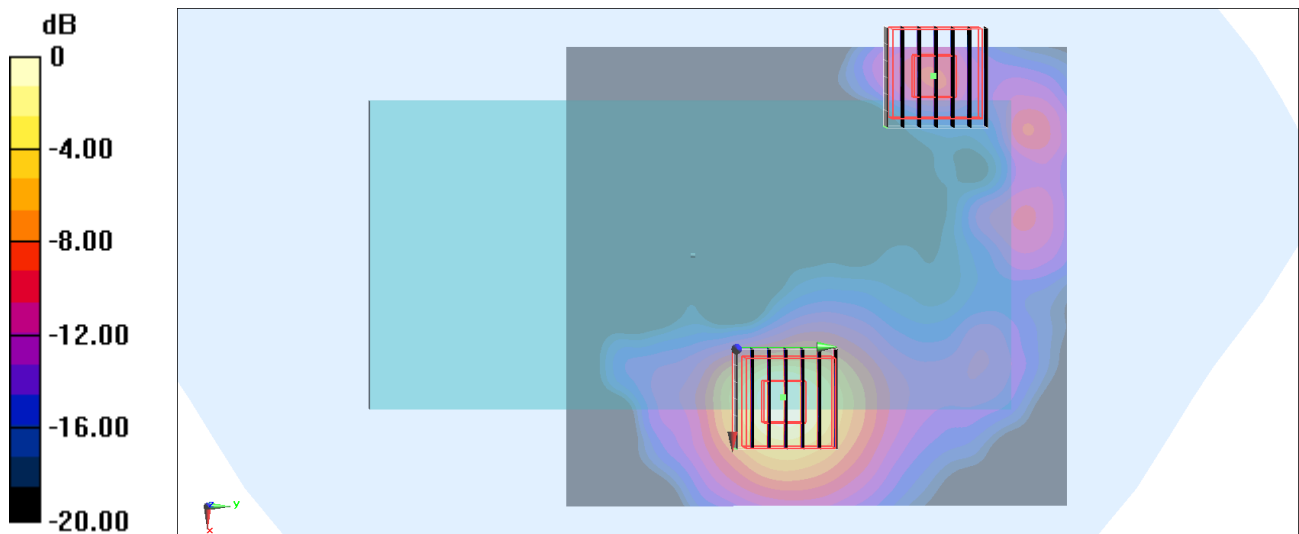
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.29 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.79 W/kg

**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.297 W/kg**

Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.33 W/kg = 3.67 dBW/kg

**#88\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch165**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.022

Medium: HSL\_5G\_200524 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.221$  S/m;  $\epsilon_r = 36.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5825 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

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

Reference Value = 19.89 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.794 W/kg

**SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.025 W/kg**

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

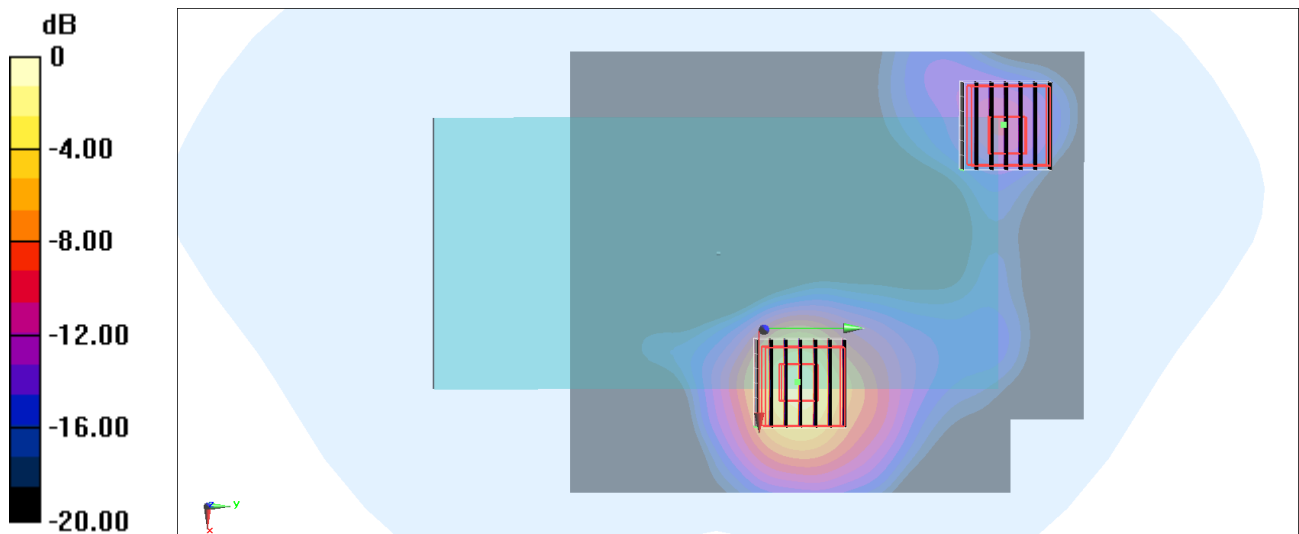
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 19.89 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.35 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.326 W/kg**

Maximum value of SAR (measured) = 2.63 W/kg



0 dB = 2.63 W/kg = 4.20 dBW/kg

**#89\_Bluetooth\_1Mbps\_Back\_10mm\_Ch0**

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_200522 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 39.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2402 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.389 W/kg

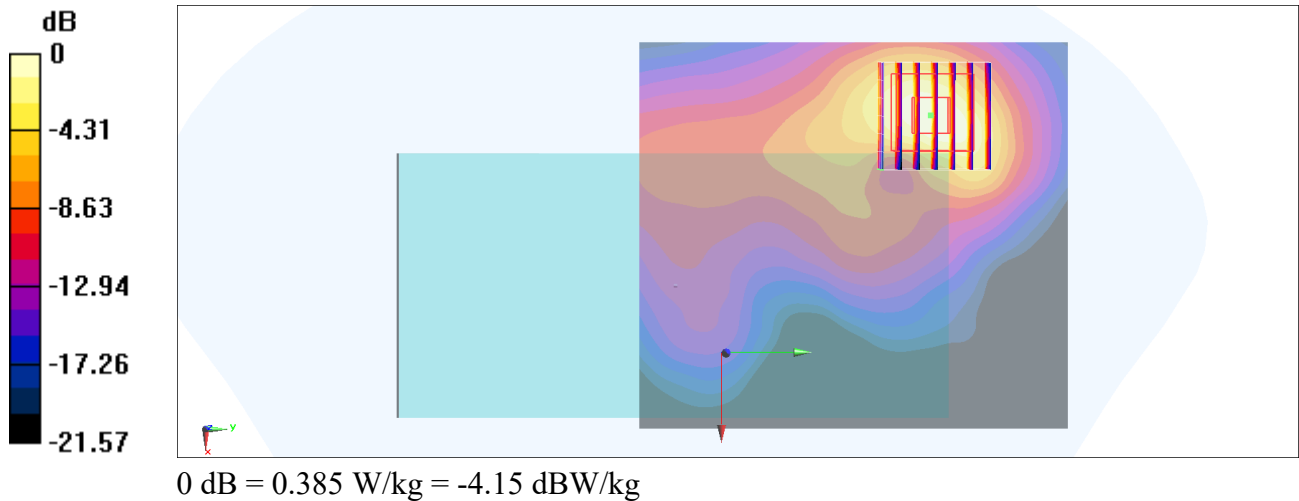
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.537 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.385 W/kg



**#90\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Side\_0mm\_Ch54**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.042

Medium: HSL\_5G\_200524 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.644$  S/m;  $\epsilon_r = 37.579$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.49, 5.49, 5.49) @ 5270 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.88 W/kg

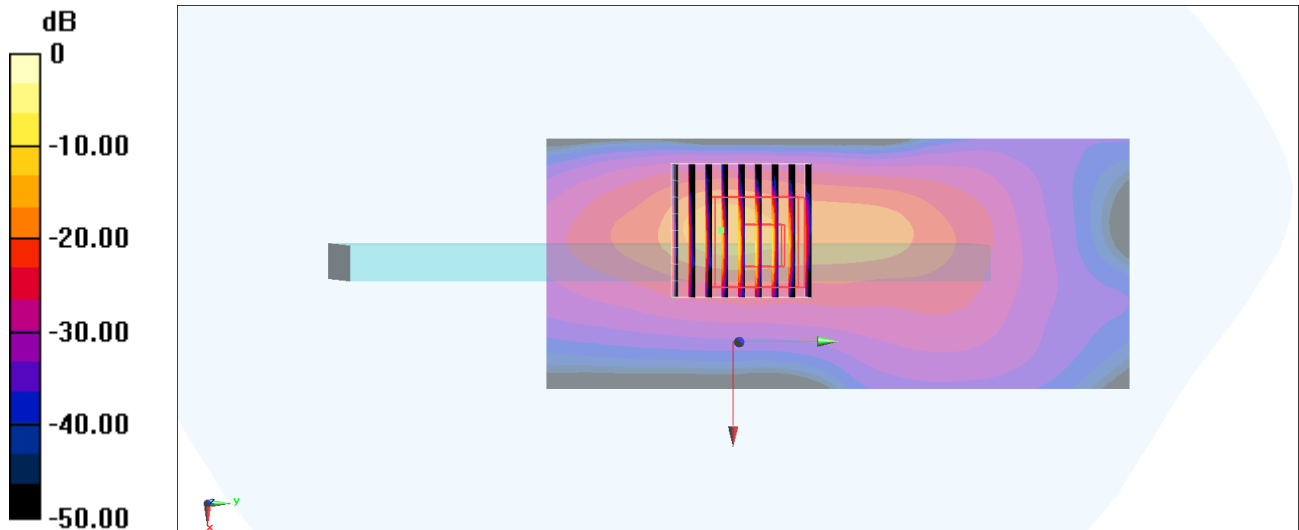
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 27.21 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 90.8 W/kg

**SAR(1 g) = 11.5 W/kg; SAR(10 g) = 1.87 W/kg**

Maximum value of SAR (measured) = 41.1 W/kg



0 dB = 41.1 W/kg = 16.14 dBW/kg

**#91\_WLAN5GHz\_802.11n-HT20 MCS0\_Left Side\_0mm\_Ch144**

Communication System: 802.11n ; Frequency: 5720 MHz;Duty Cycle: 1:1.024

Medium: HSL\_5G\_200526 Medium parameters used:  $f = 5720$  MHz;  $\sigma = 5.155$  S/m;  $\epsilon_r = 36.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5720 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 21.9 W/kg

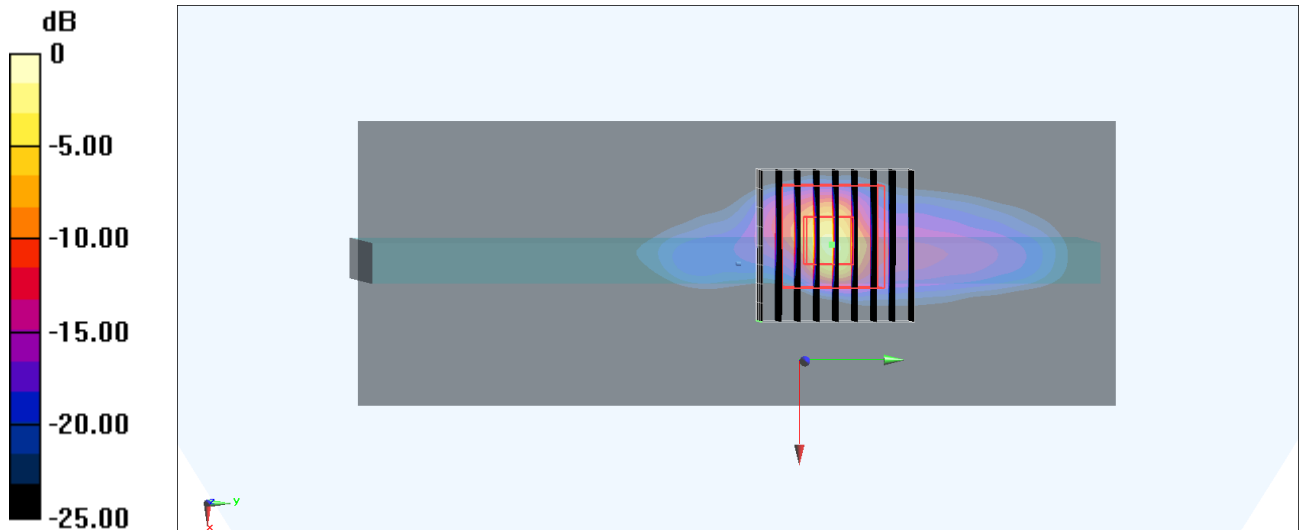
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.56 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 79.8 W/kg

**SAR(1 g) = 10.6 W/kg; SAR(10 g) = 1.67 W/kg**

Maximum value of SAR (measured) = 40.2 W/kg



0 dB = 40.2 W/kg = 16.04 dBW/kg

**#92\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch165**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.022

Medium: HSL\_5G\_200524 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.221$  S/m;  $\epsilon_r = 36.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5825 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 24.2 W/kg

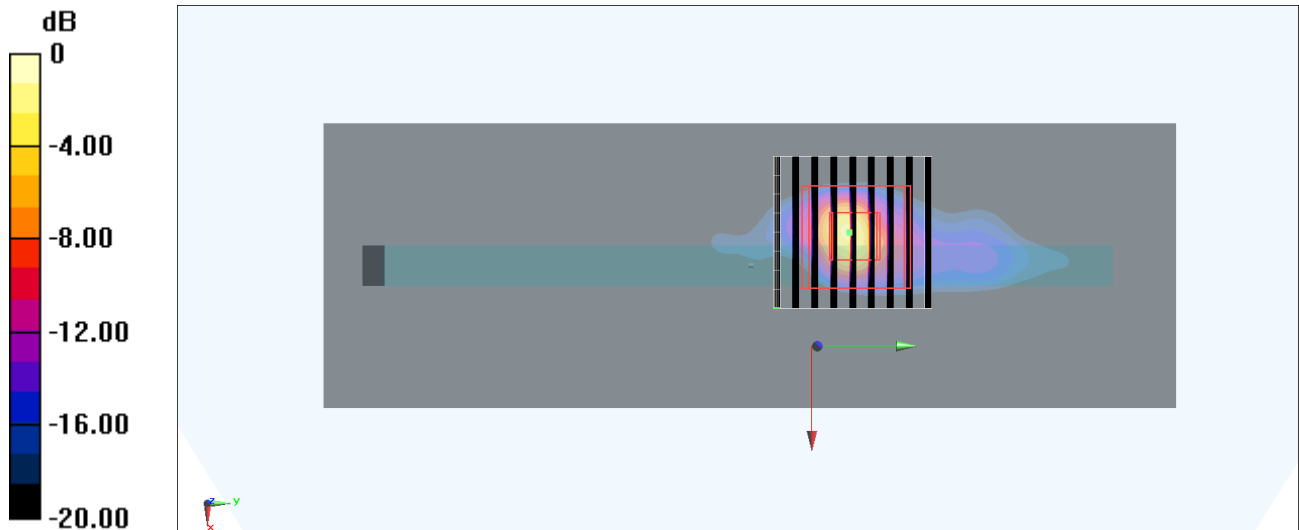
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 28.11 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 107 W/kg

**SAR(1 g) = 12.7 W/kg; SAR(10 g) = 1.99 W/kg**

Maximum value of SAR (measured) = 40.7 W/kg



0 dB = 40.7 W/kg = 16.10 dBW/kg