

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

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

Medium: HSL\_850\_191104 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 41.832$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270;ConvF(6.43, 6.43, 6.43) @ 848.8 MHz;Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.407 W/kg

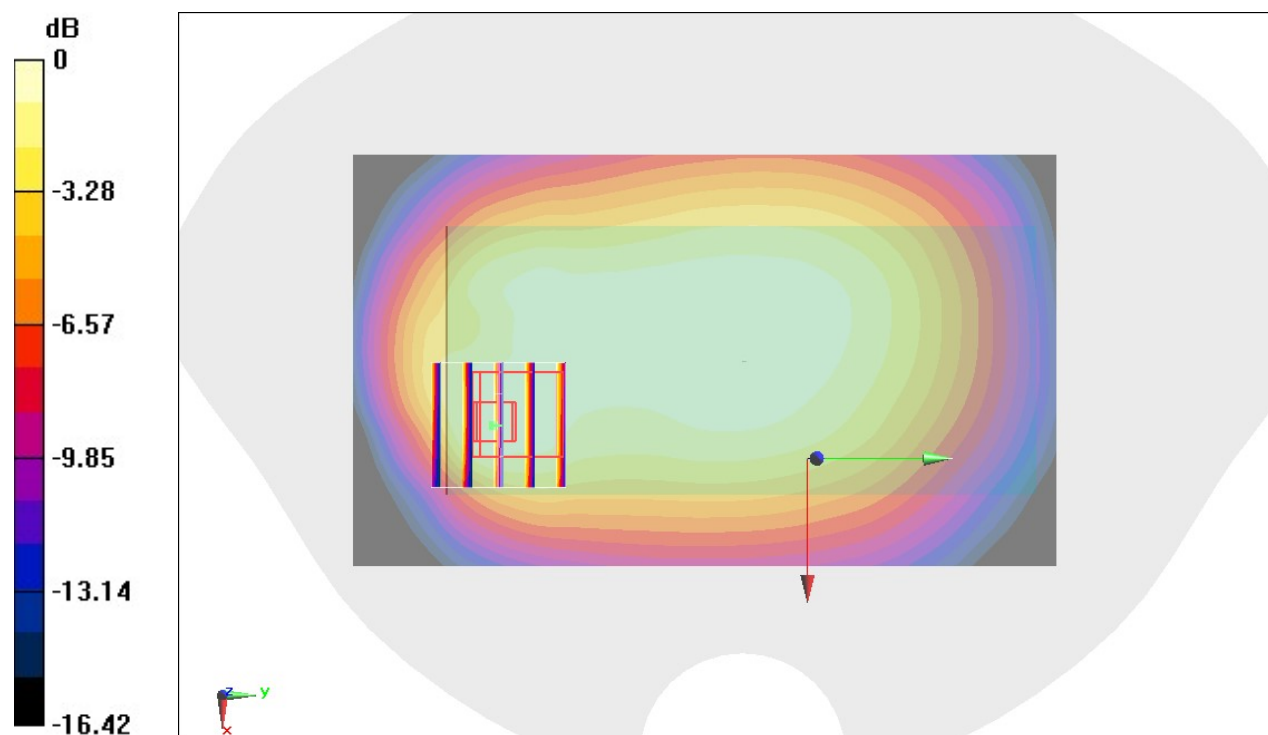
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.54 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.397 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

### #40\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch512

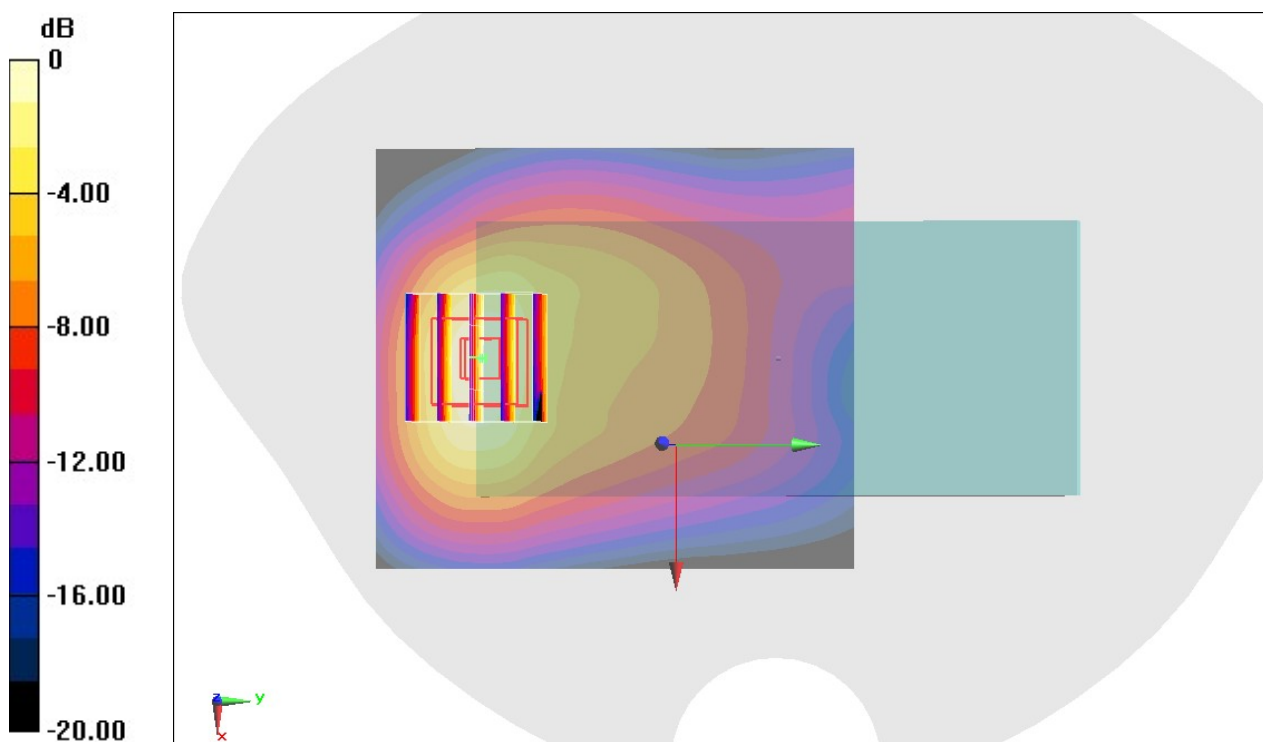
Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08  
Medium: HSL\_1900\_191104 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 40.806$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270;ConvF(5.2, 5.2, 5.2) @ 1850.2 MHz;Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.00 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.46 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 1.44 W/kg  
**SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.457 W/kg**  
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

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

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

Medium: HSL\_1900\_191029 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.445$  S/m;  $\epsilon_r = 39.466$ ;  $\rho = 1000$  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) @ 1907.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

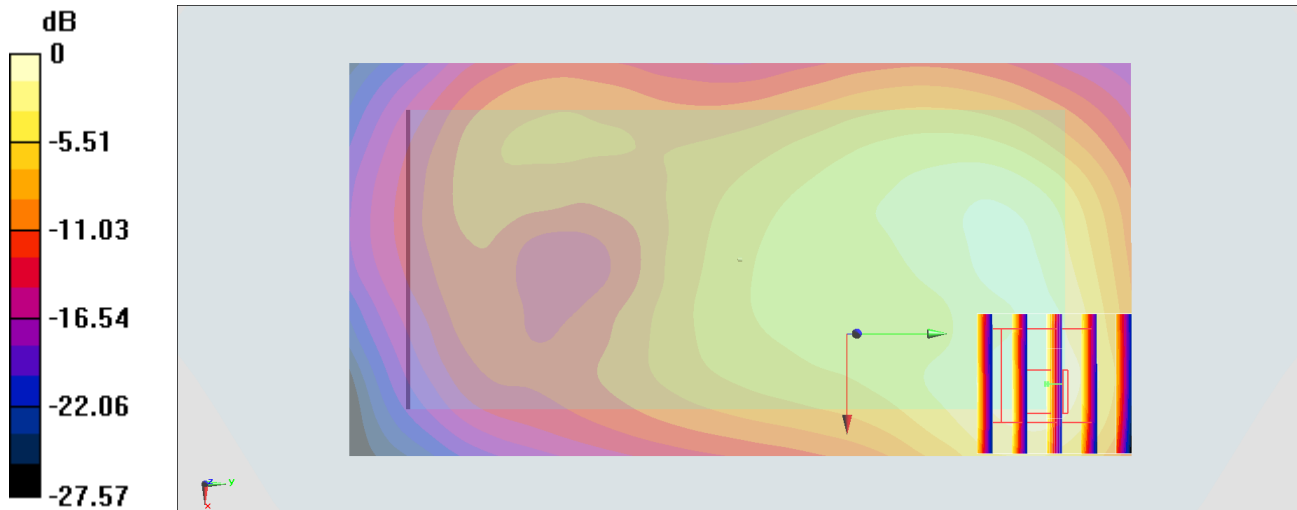
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.80 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.542 W/kg**

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



0 dB = 1.41 W/kg = 1.49 dBW/kg

**#42\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1312**

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

Medium: HSL\_1750\_191102 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.328$  S/m;  $\epsilon_r = 40.286$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1712.4 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.684 W/kg

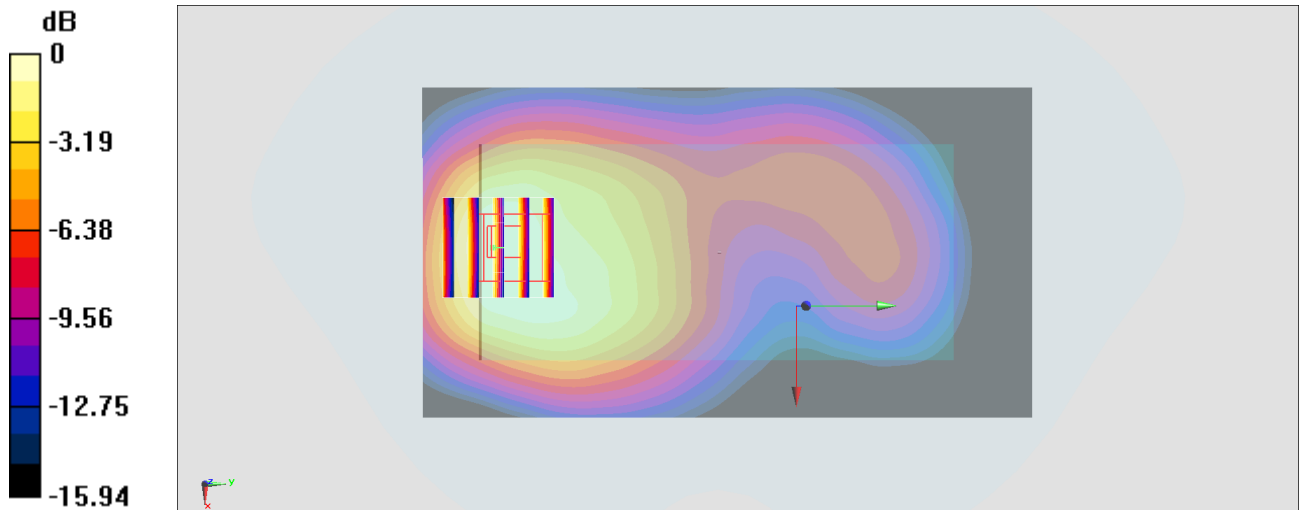
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.95 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.346 W/kg**

Maximum value of SAR (measured) = 0.664 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

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

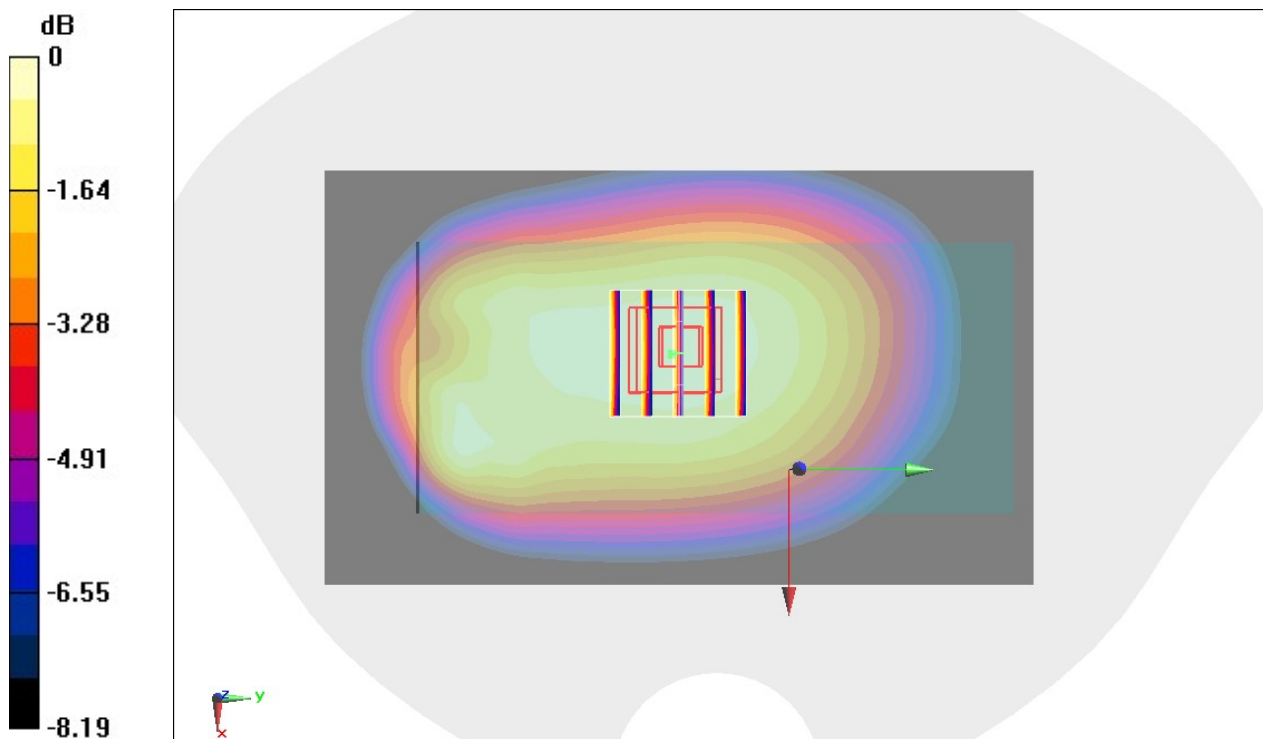
Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1  
Medium: HSL\_850\_191104 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 41.914$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270;ConvF(6.43, 6.43, 6.43) @ 836.4 MHz;Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.312 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.11 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.374 W/kg  
**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.227 W/kg**  
Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

**#44\_CDMA BC0\_RTAP 153.6Kbps\_Back\_10mm\_Ch1013**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_191031 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 41.621$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 824.7 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.194 W/kg

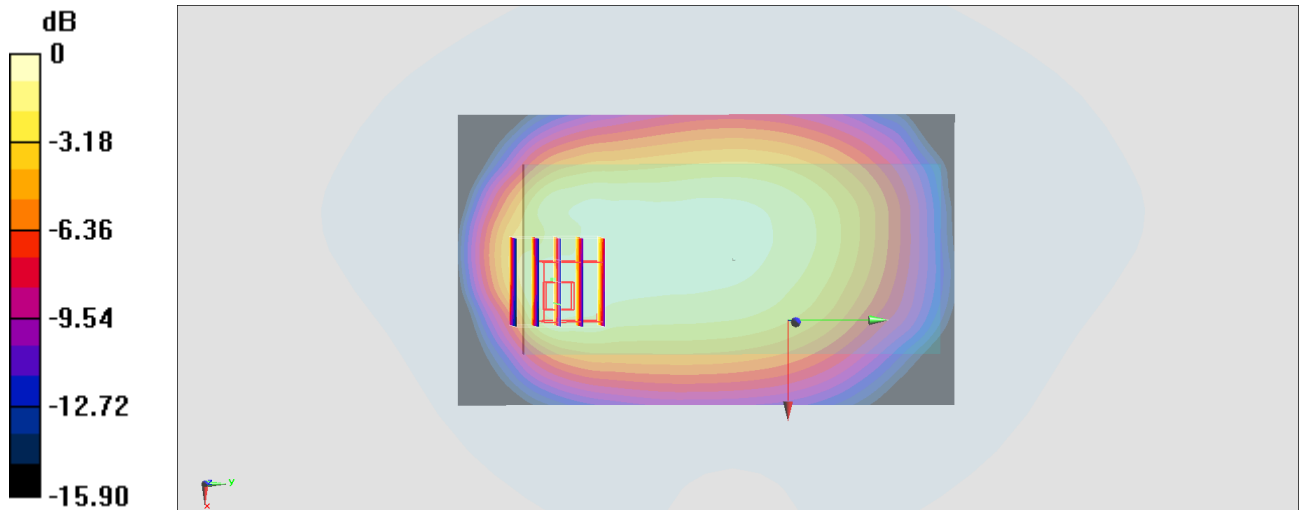
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.78 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.193 W/kg = -7.14 dBW/kg

**#45\_CDMA BC1\_RC3 SO32 (F+SCH) \_Back\_10mm\_Ch1175**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_191030 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.434$  S/m;  $\epsilon_r = 39.352$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1908.75 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

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

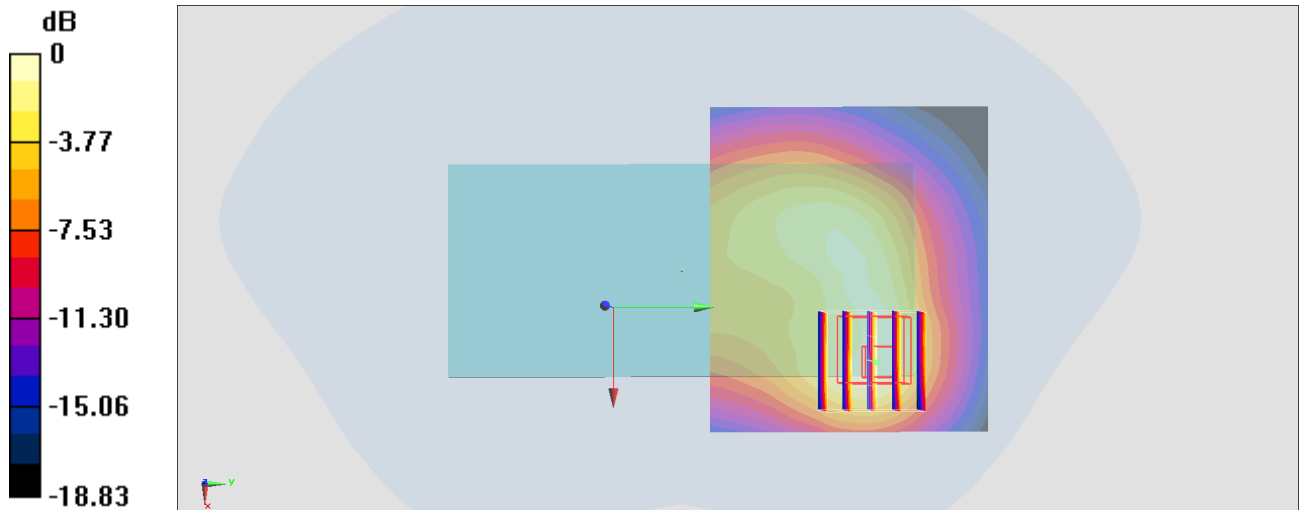
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.446 W/kg**

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



0 dB = 1.03 W/kg = 0.13 dBW/kg

## #46\_CDMA BC10\_RTAP 153.6Kbps\_Back\_10mm\_Ch580

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

Medium: HSL\_850\_191031 Medium parameters used :  $f = 820.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.566$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 820.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.193 W/kg

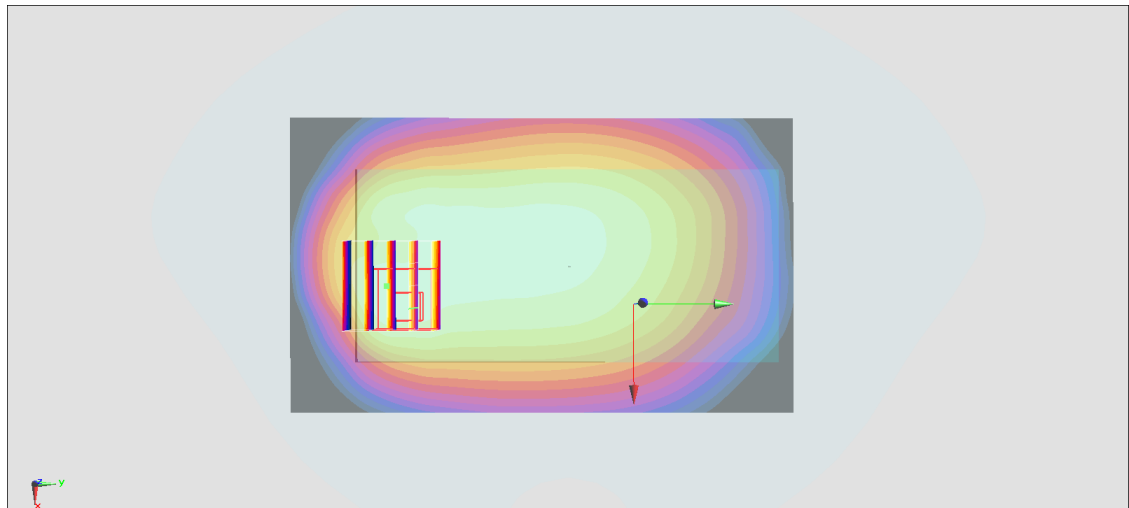
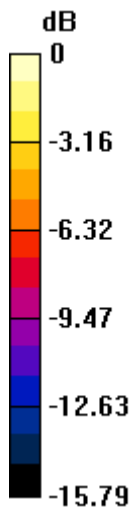
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.71 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.099 W/kg**

Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg



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

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

Medium: HSL\_2600\_191105 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.917$  S/m;  $\epsilon_r = 39.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2560 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

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

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

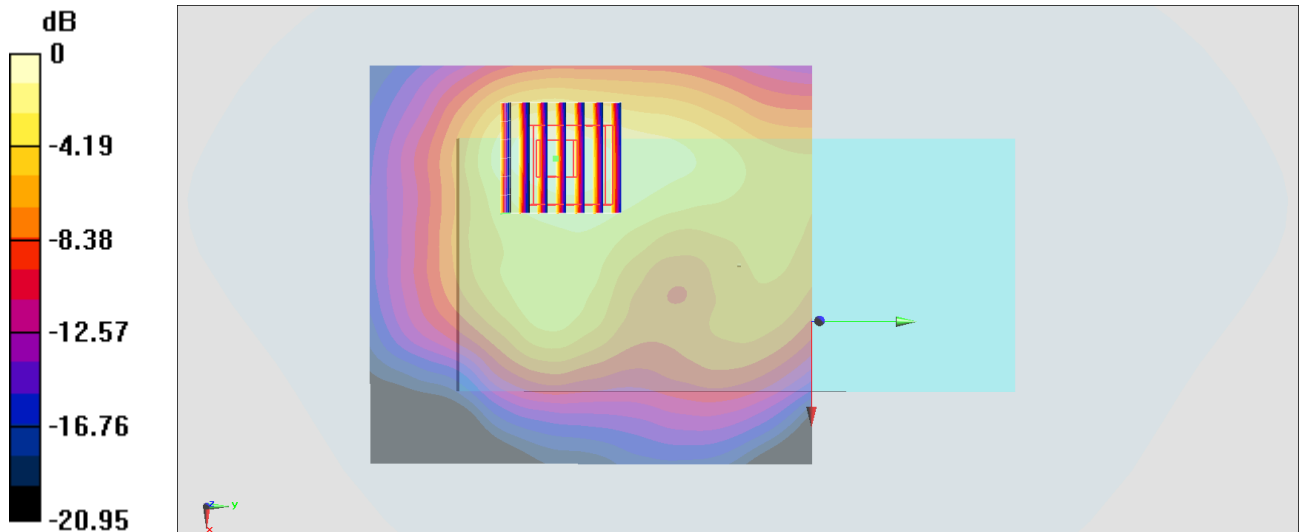
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.03 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.423 W/kg**

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



**#48\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23095**

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

Medium: HSL\_750\_191107 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 42.738$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(9.16, 9.16, 9.16) @ 707.5 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.442 W/kg

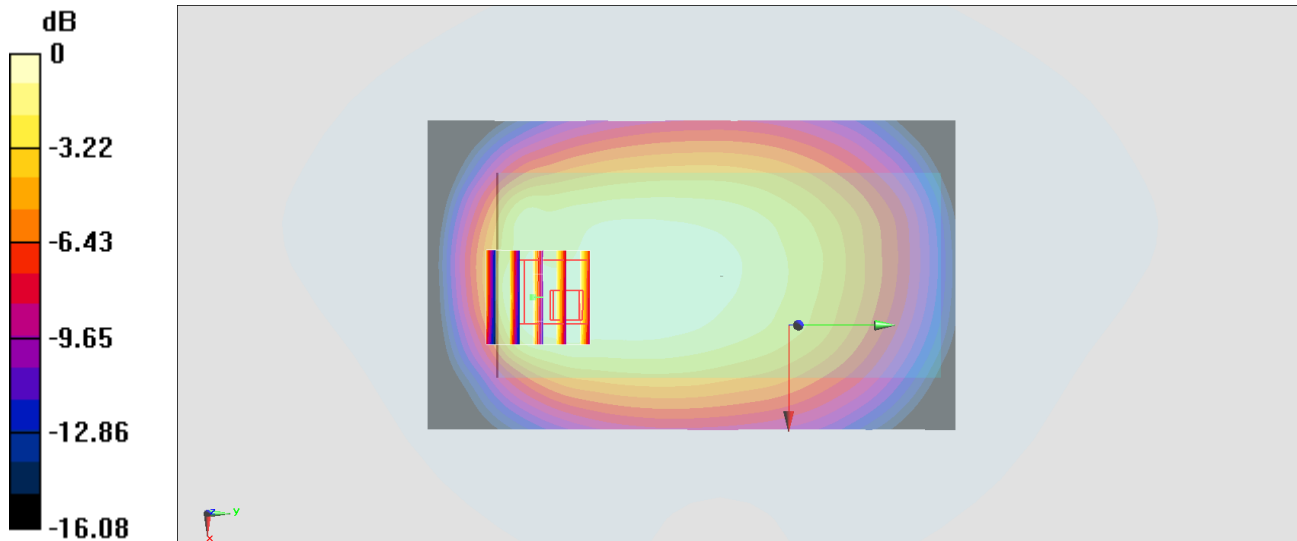
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.66 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.523 W/kg

**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.203 W/kg**

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



## #49\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23230

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

Medium: HSL\_750\_191107 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.915 \text{ S/m}$ ;  $\epsilon_r = 41.68$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(9.16, 9.16, 9.16) @ 782 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) =  $0.401 \text{ W/kg}$

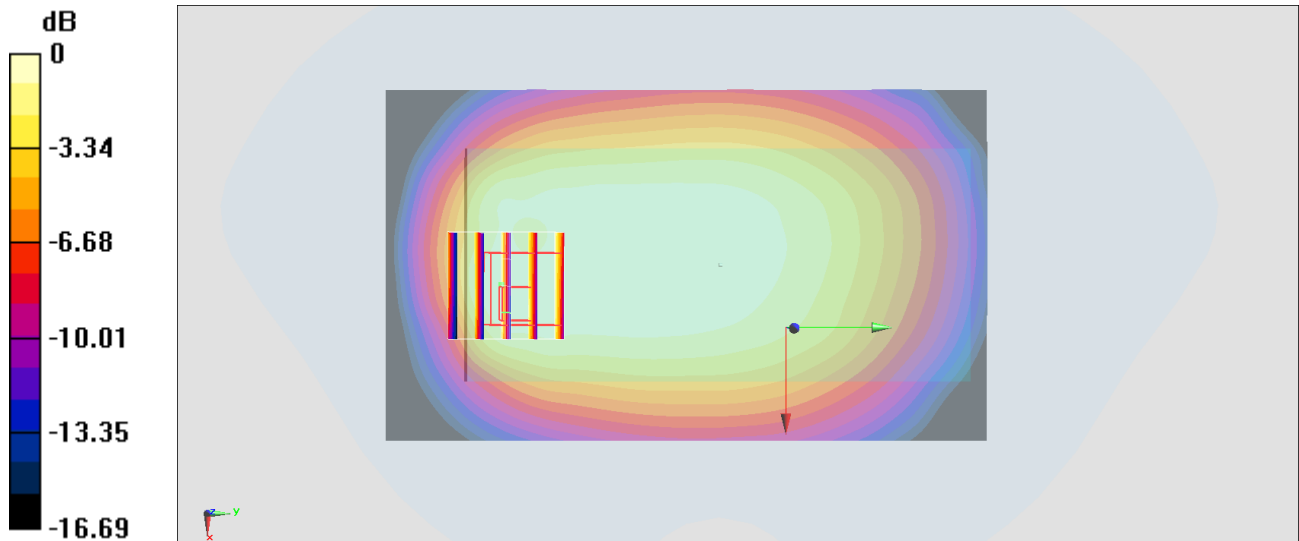
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $20.27 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.472 \text{ W/kg}$

**SAR(1 g) =  $0.257 \text{ W/kg}$ ; SAR(10 g) =  $0.160 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.371 \text{ W/kg}$



0 dB =  $0.371 \text{ W/kg}$  =  $-4.31 \text{ dBW/kg}$

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

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

Medium: HSL\_750\_191107 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 41.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(9.16, 9.16, 9.16) @ 793 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.468 W/kg

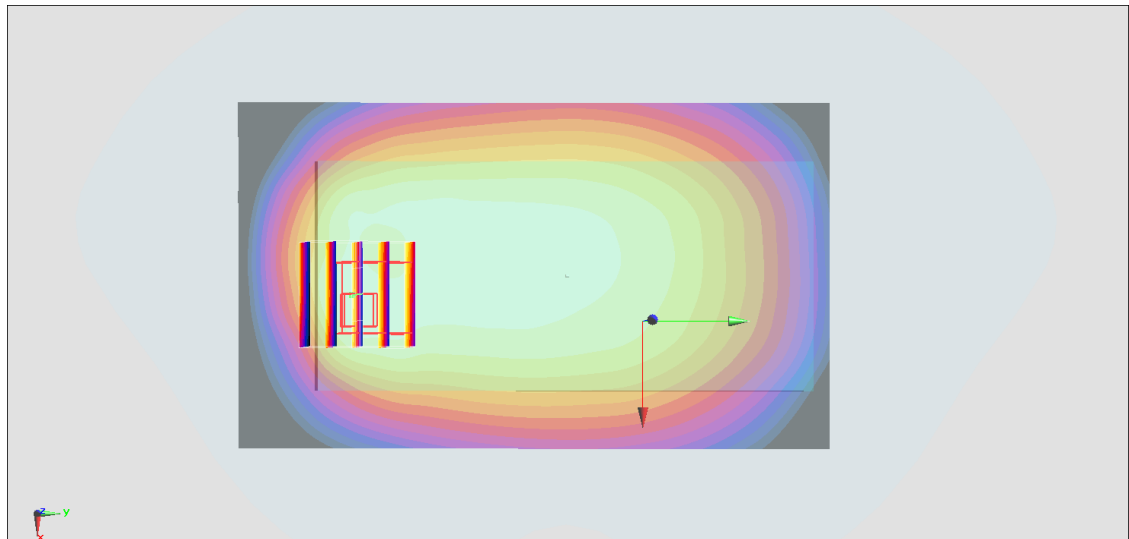
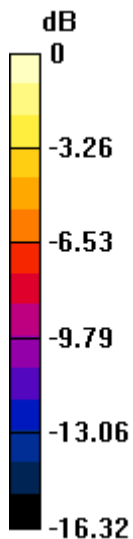
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.51 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.551 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 0.432 W/kg



0 dB = 0.432 W/kg = -3.65 dBW/kg

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

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

Medium: HSL\_1900\_191029 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.442$  S/m;  $\epsilon_r = 39.477$ ;  $\rho = 1000$  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: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

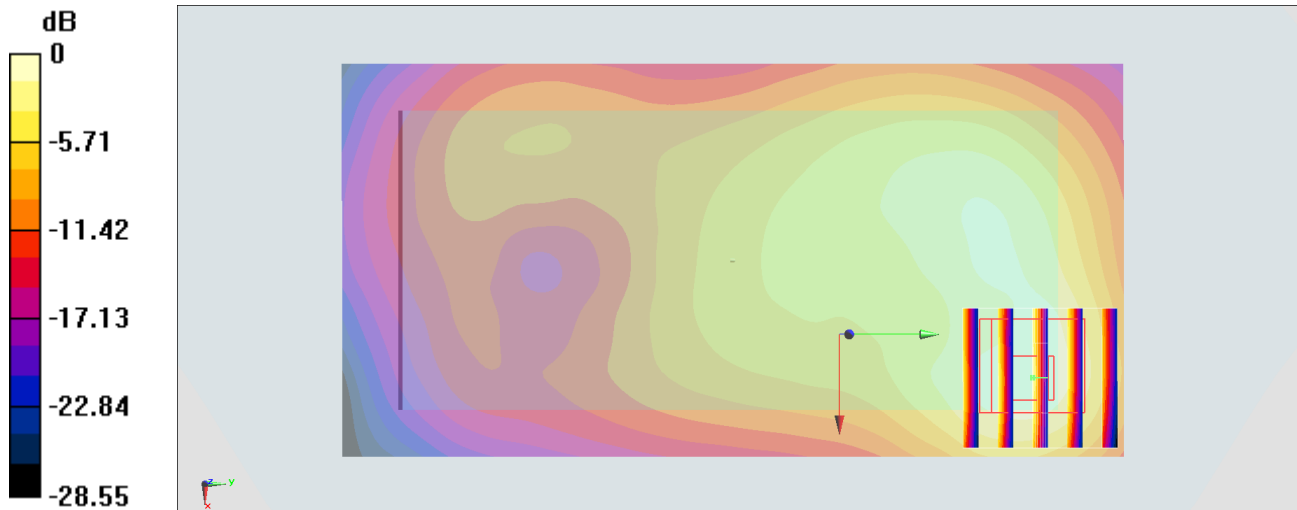
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.44 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.491 W/kg**

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



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

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

Medium: HSL\_850\_191031 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 41.466$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 831.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.221 W/kg

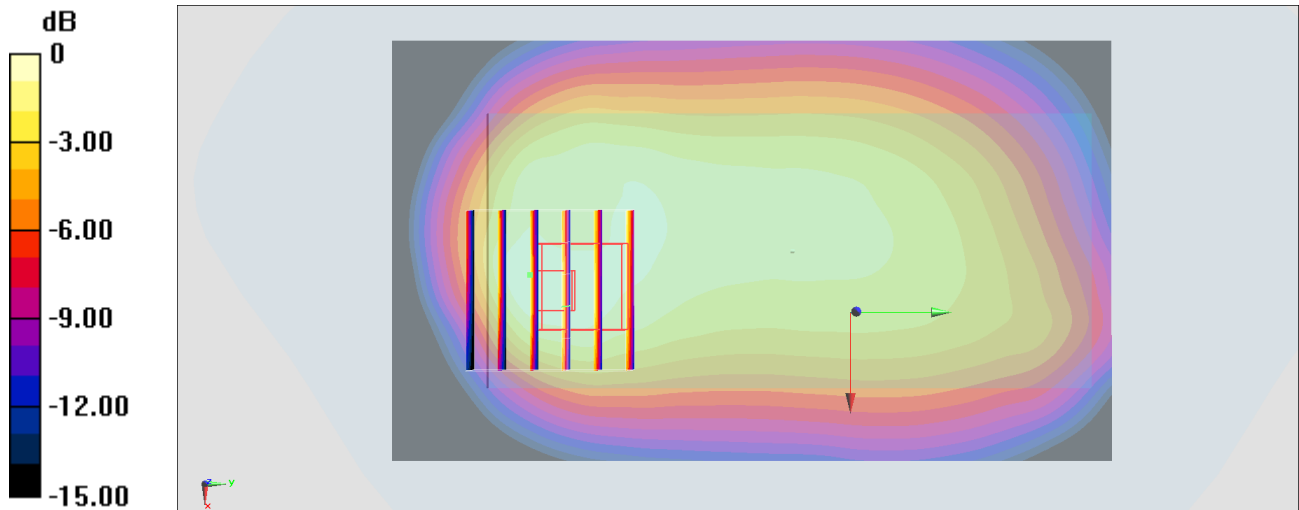
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.43 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.312 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.106 W/kg**

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

**#53\_LTE Band 30\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch27710**

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

Medium: HSL\_2300\_191031 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.587$  S/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.96, 4.96, 4.96) @ 2310 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.261 W/kg

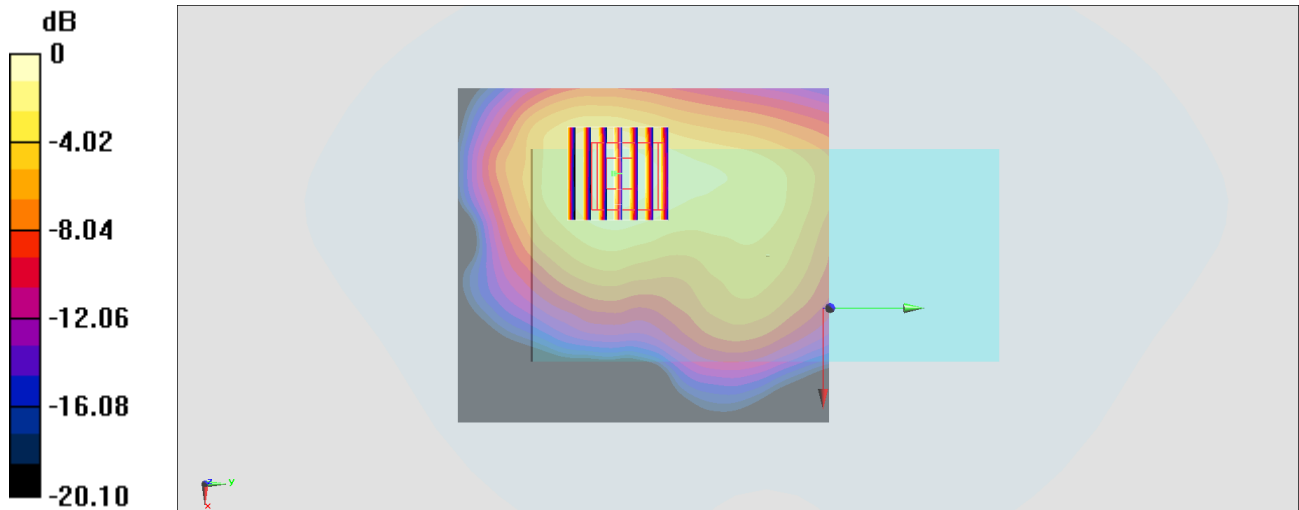
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.77 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg

**#54\_LTE Band 66\_20M\_QPSK\_1\_0\_Front\_10mm\_Ch132322**

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

Medium: HSL\_1750\_191029 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.36$  S/m;  $\epsilon_r = 40.185$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

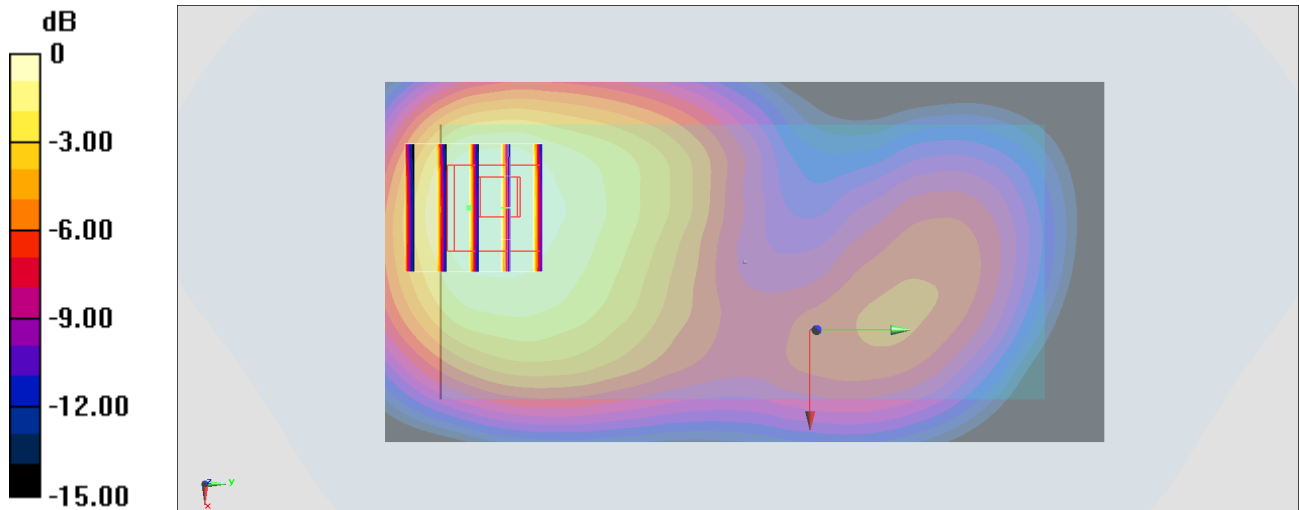
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.82 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.412 W/kg**

Maximum value of SAR (measured) = 0.770 W/kg



0 dB = 0.770 W/kg = -1.14 dBW/kg



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

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

Medium: HSL\_750\_191102 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 43.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 683 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.202 W/kg

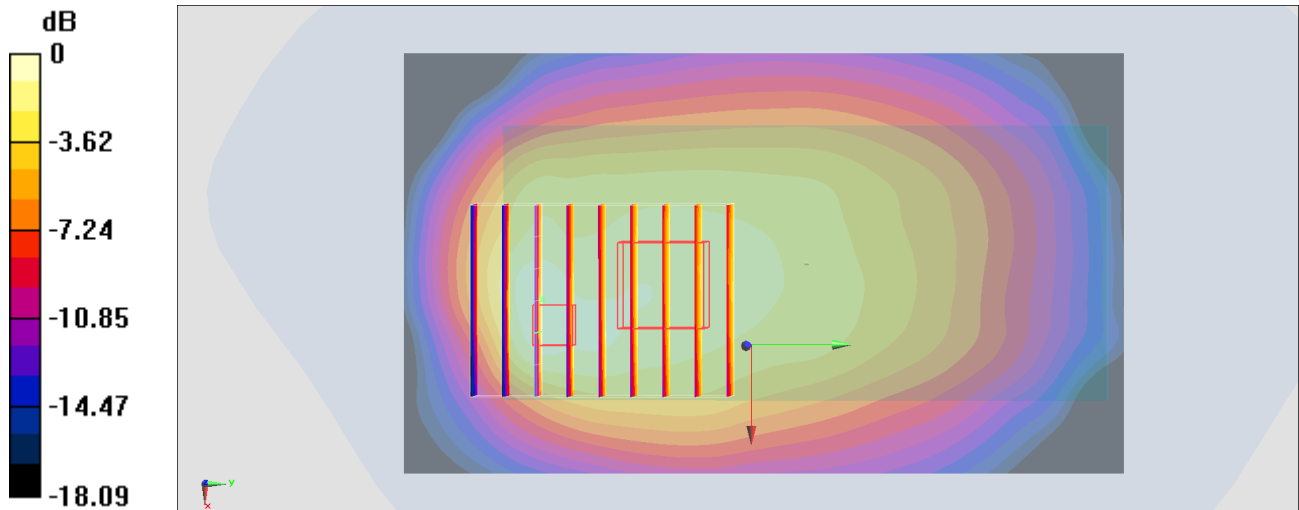
**Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.28 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

**#56\_LTE Band 38\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch38000**

Communication System: LTE; Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_191106 Medium parameters used :  $f = 2595$  MHz;  $\sigma = 1.917$  S/m;  $\epsilon_r = 37.924$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2595 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

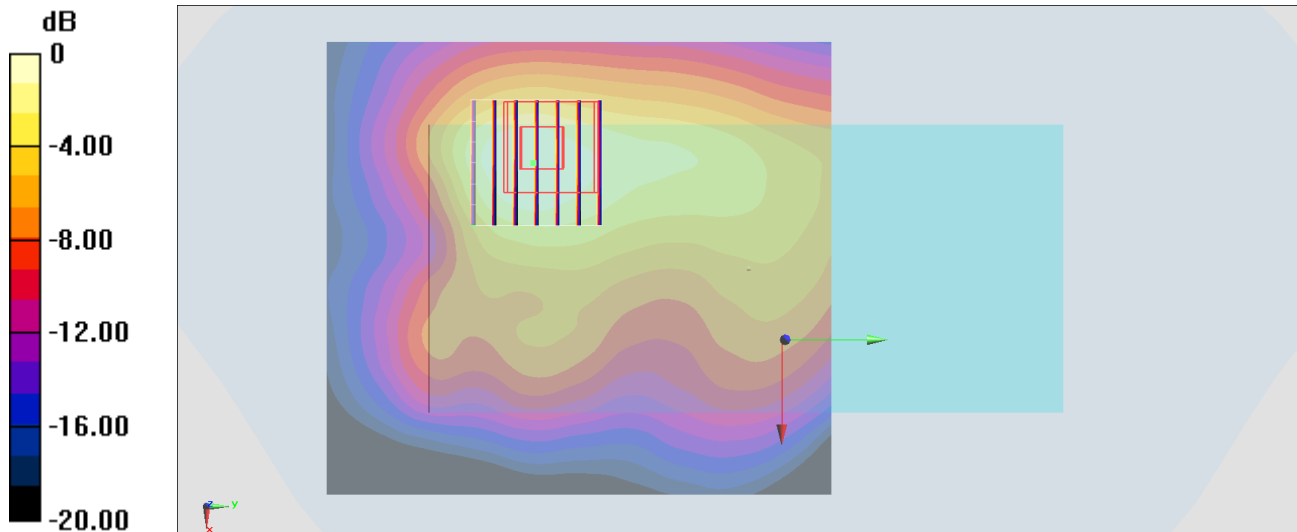
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.44 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.369 W/kg**

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



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

**#57\_LTE Band 41\_20M\_QPSK\_1\_99\_Back\_10mm\_Ch40620**

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

Medium: HSL\_2600\_191107 Medium parameters used :  $f = 2593$  MHz;  $\sigma = 1.981$  S/m;  $\epsilon_r = 38.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2593 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 1.00 W/kg

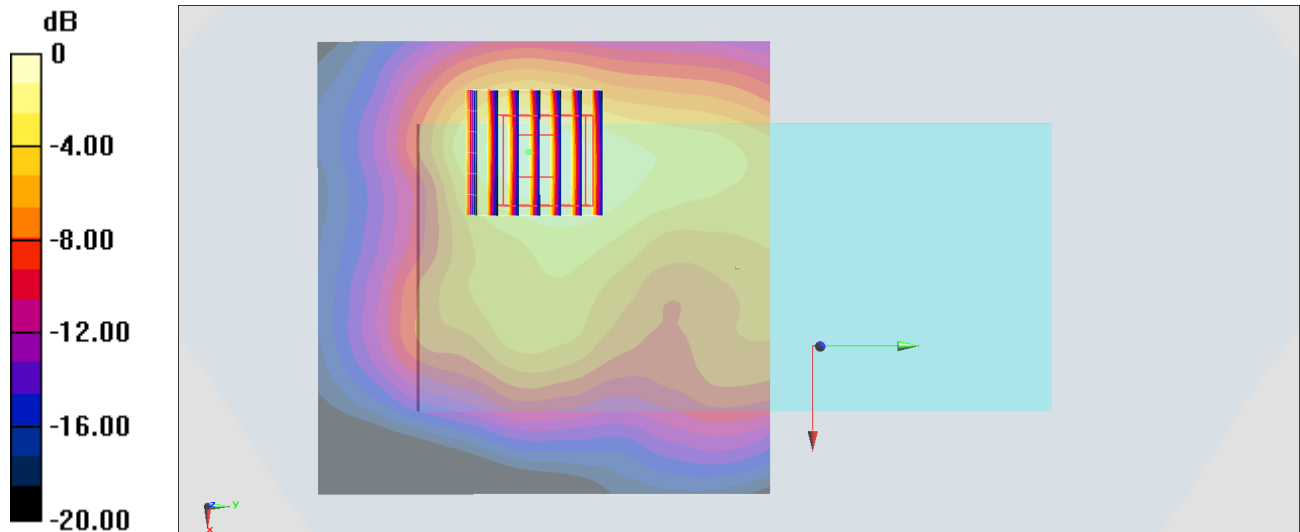
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.46 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.308 W/kg**

Maximum value of SAR (measured) = 0.955 W/kg



0 dB = 0.955 W/kg = -0.20 dBW/kg

**#58\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch1**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium: HSL\_2450\_191101 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.769$  S/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.954 W/kg

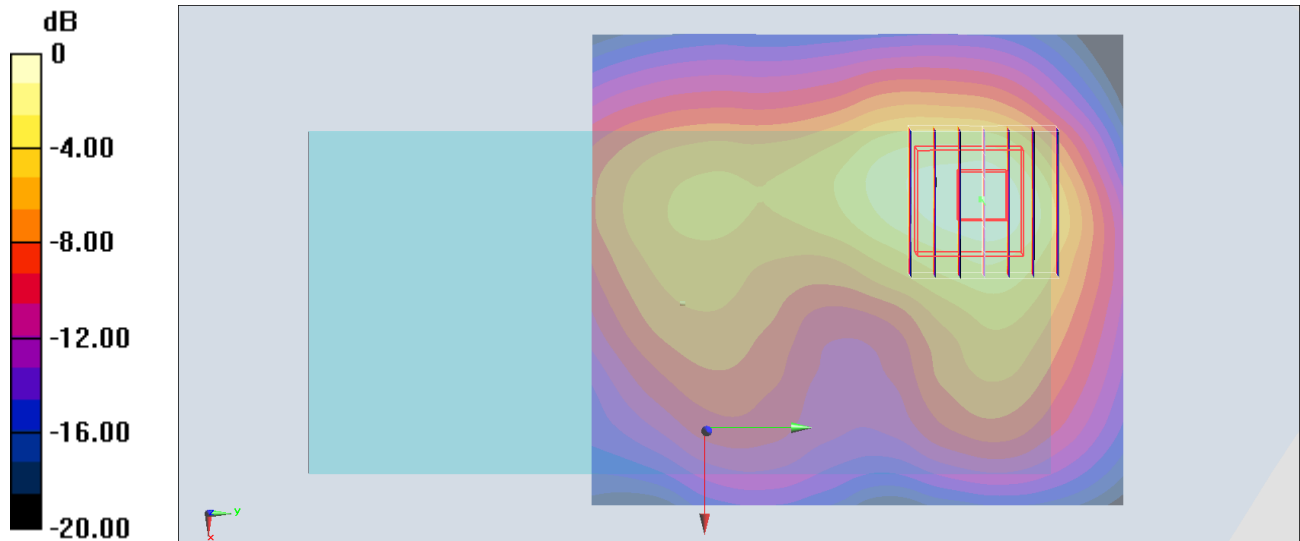
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.22 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.282 W/kg**

Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.954 W/kg = -0.20 dBW/kg

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

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

Medium: HSL\_5G\_191029 Medium parameters used :  $f = 5270$  MHz;  $\sigma = 4.573$  S/m;  $\epsilon_r = 35.992$ ;  $\rho = 1000$  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) @ 5270 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.896 W/kg

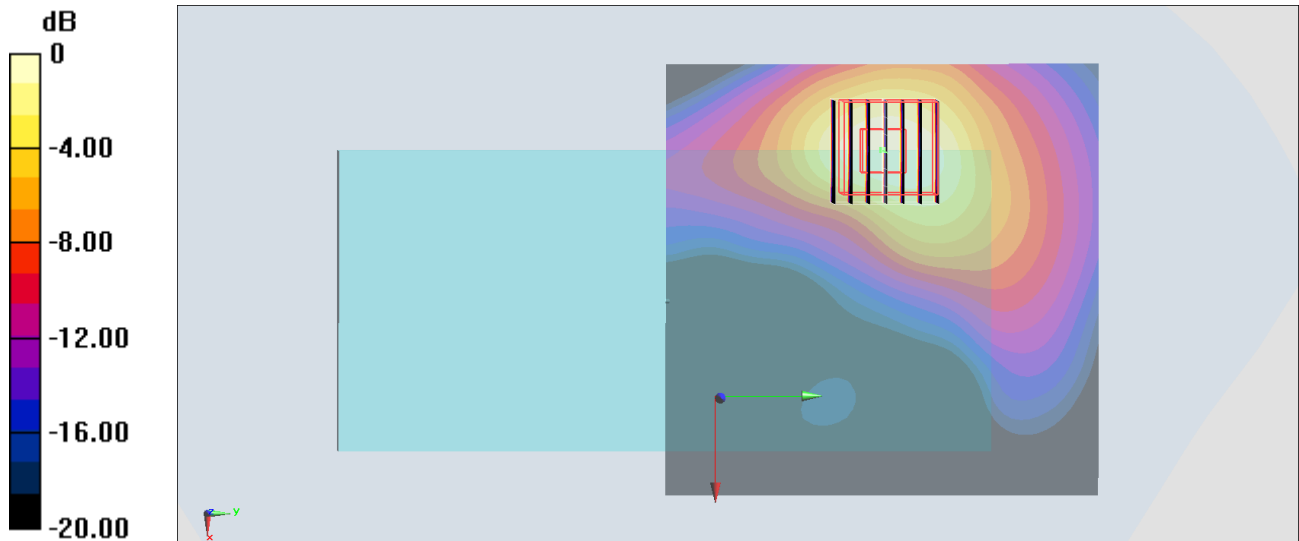
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.15 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.180 W/kg**

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



0 dB = 0.896 W/kg = -0.48 dBW/kg

## #60\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch138

Communication System: 802.11ac ; Frequency: 5690 MHz;Duty Cycle: 1:1.079

Medium: HSL\_5G\_191030 Medium parameters used :  $f = 5690$  MHz;  $\sigma = 4.985$  S/m;  $\epsilon_r = 35.434$ ;  $\rho = 1000$  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) @ 5690 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

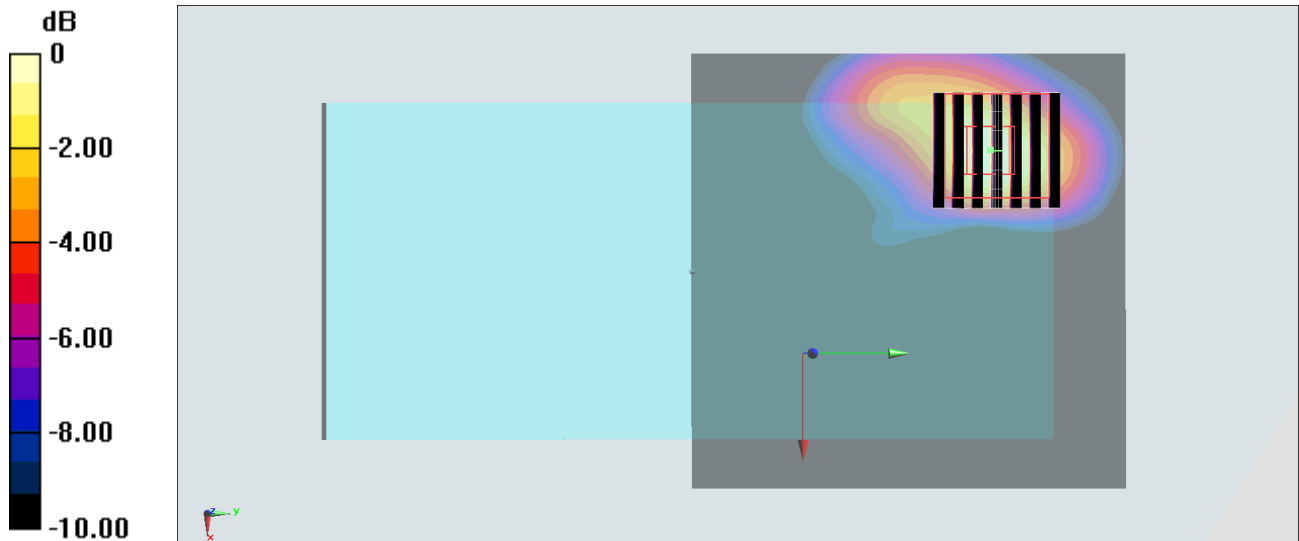
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.50 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.191 W/kg**

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



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

## #61\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz; Duty Cycle: 1:1.079

Medium: HSL\_5G\_191031 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.078$  S/m;  $\epsilon_r = 35.32$ ;  $\rho = 1000$  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 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

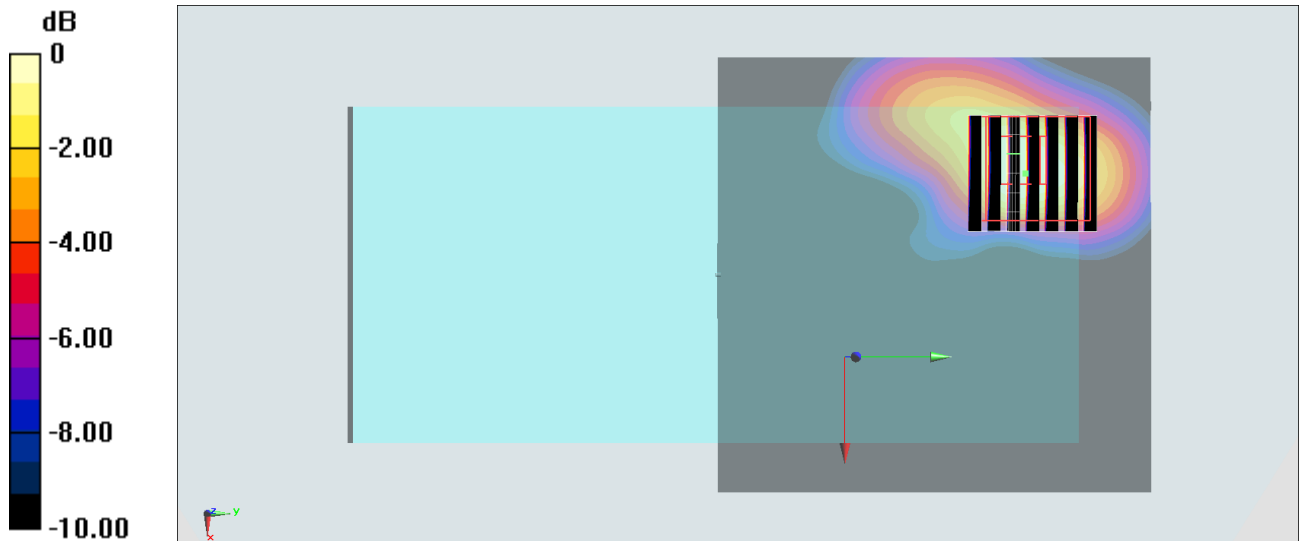
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.41 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.191 W/kg**

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



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

## #62\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch54

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

Medium: HSL\_5G\_191029 Medium parameters used :  $f = 5270$  MHz;  $\sigma = 4.573$  S/m;  $\epsilon_r = 35.992$ ;  $\rho = 1000$  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) @ 5270 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 7.14 W/kg

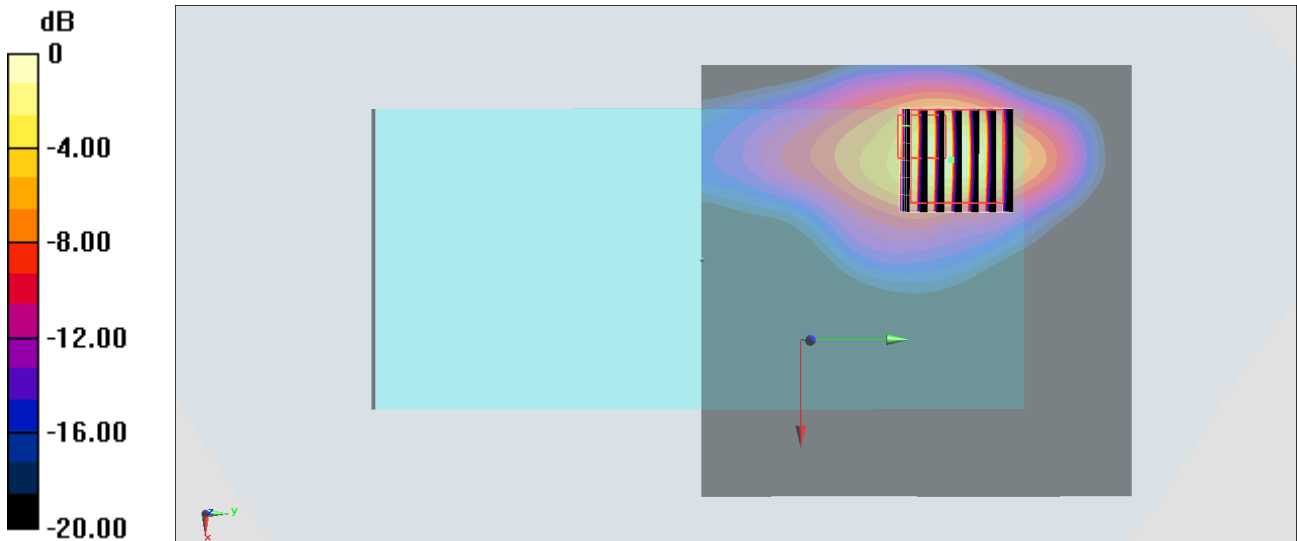
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 32.82 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 16.2 W/kg

**SAR(1 g) = 3.11 W/kg; SAR(10 g) = 1.18 W/kg**

Maximum value of SAR (measured) = 9.43 W/kg



0 dB = 9.43 W/kg = 9.75 dBW/kg



**#63\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch138**

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.079

Medium: HSL\_5G\_191030 Medium parameters used :  $f = 5690$  MHz;  $\sigma = 4.985$  S/m;  $\epsilon_r = 35.434$ ;  $\rho = 1000$  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) @ 5690 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 4.87 W/kg

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

Reference Value = 40.48 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 4.01 W/kg; SAR(10 g) = 1.11 W/kg**

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

