

**#01\_WCDMA II\_RMC 12.2Kbps\_Back\_0mm\_Ch9262**

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200723 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.338$  S/m;  $\epsilon_r = 40.544$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1852.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.260 W/kg

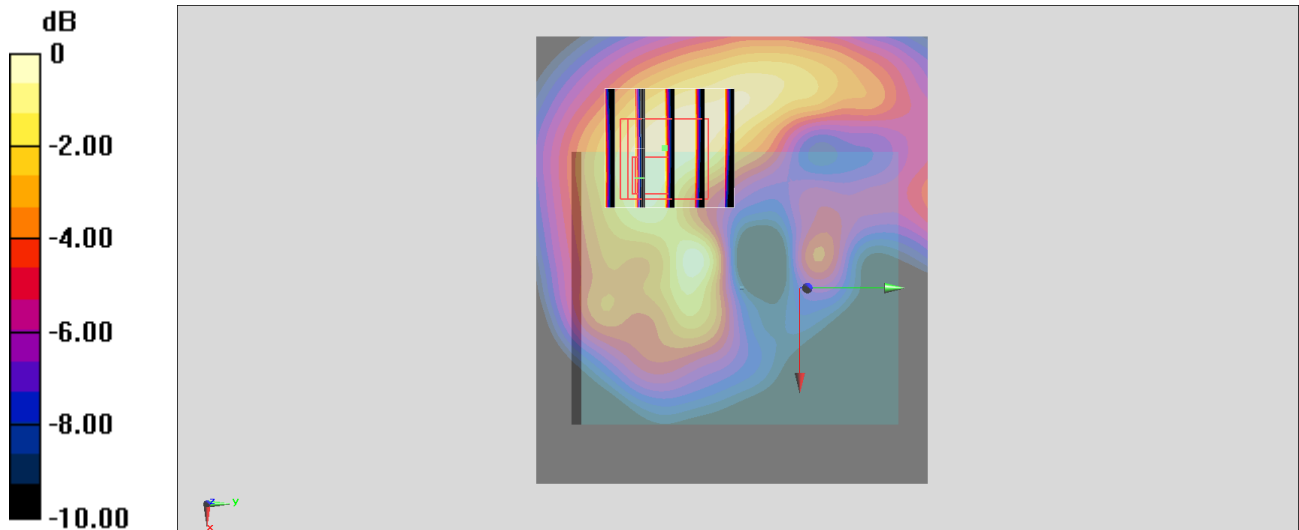
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.40 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.349 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.101 W/kg**

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.260 W/kg = -5.85 dBW/kg

**#02\_WCDMA IV\_RMC 12.2Kbps\_Back\_0mm\_Ch1513**

Communication System: WCDMA ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200723 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.372$  S/m;  $\epsilon_r = 40.616$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1752.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.716 W/kg

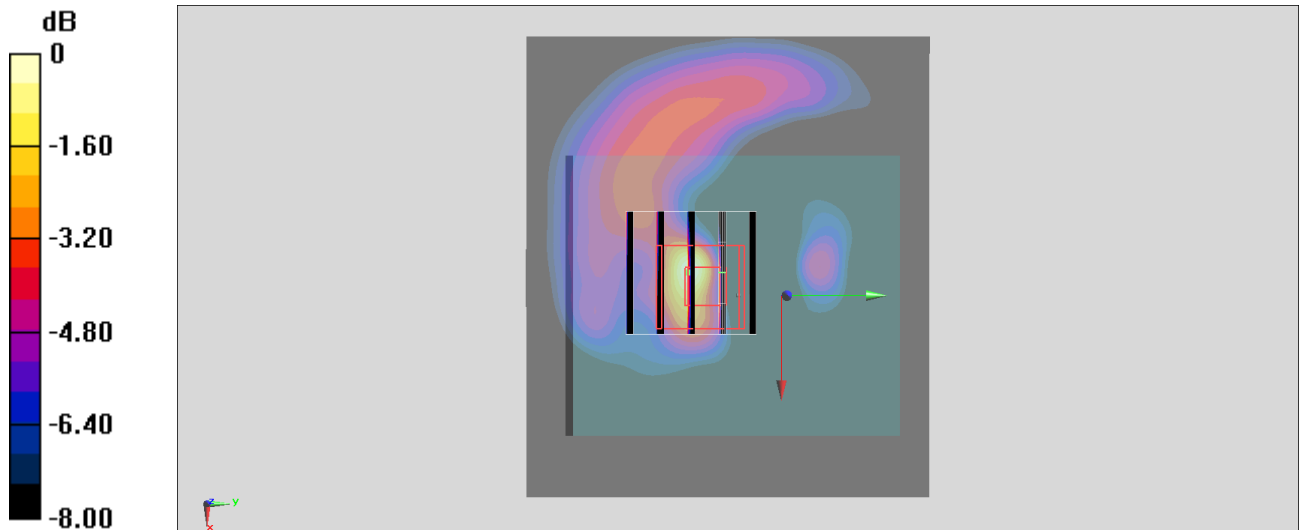
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.93 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.953 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

**#03\_WCDMA V\_RMC 12.2Kbps\_Back\_0mm\_Ch4132**

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

Medium: HSL\_850\_200723 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 42.664$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 826.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.462 W/kg

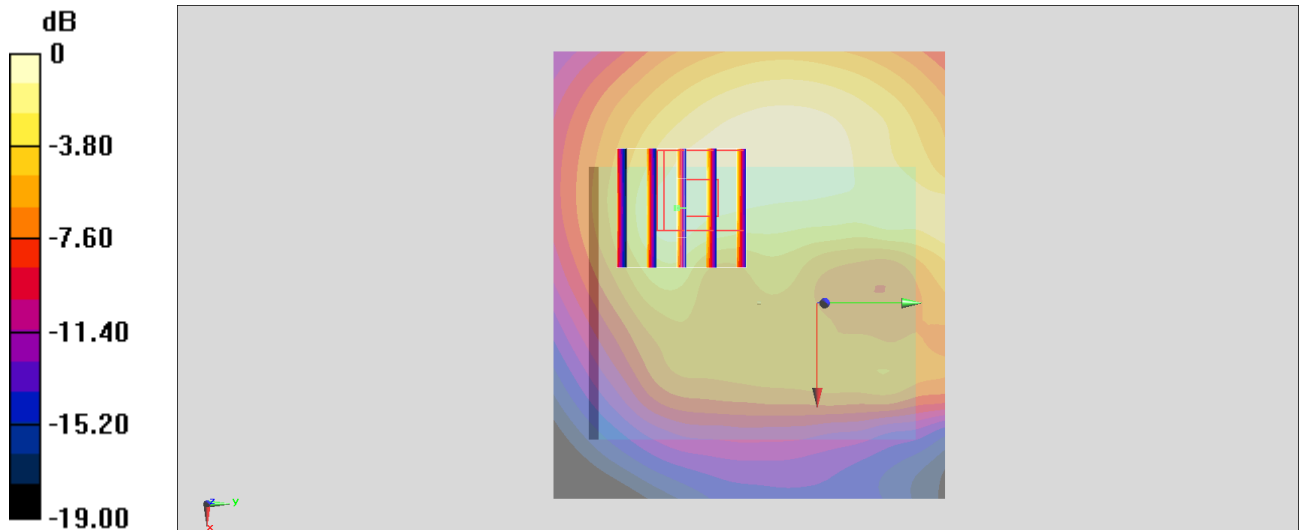
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.08 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.489 W/kg



0 dB = 0.462 W/kg = -3.35 dBW/kg

**#04\_LTE Band 2\_20M\_QPSK\_1\_49\_Back\_0mm\_Ch18700**

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

Medium: HSL\_1900\_200723 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.346$  S/m;  $\epsilon_r = 40.521$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.262 W/kg

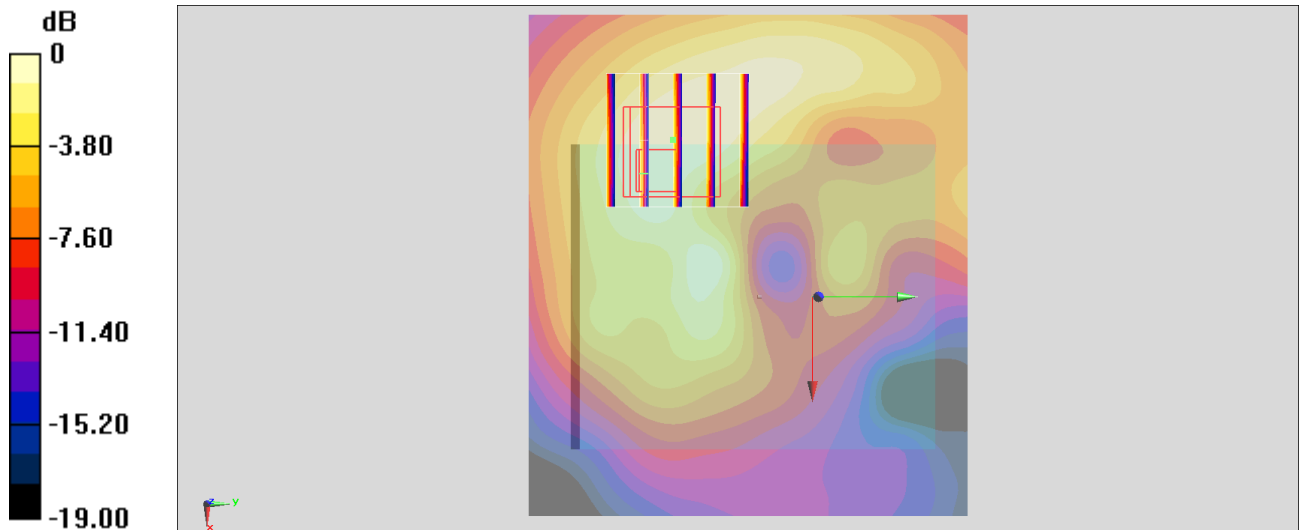
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.42 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.352 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

**#05\_LTE Band 5\_10M\_QPSK\_1\_25\_Back\_0mm\_Ch20525**

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

Medium: HSL\_850\_200723 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.884$  S/m;  $\epsilon_r = 42.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.311 W/kg

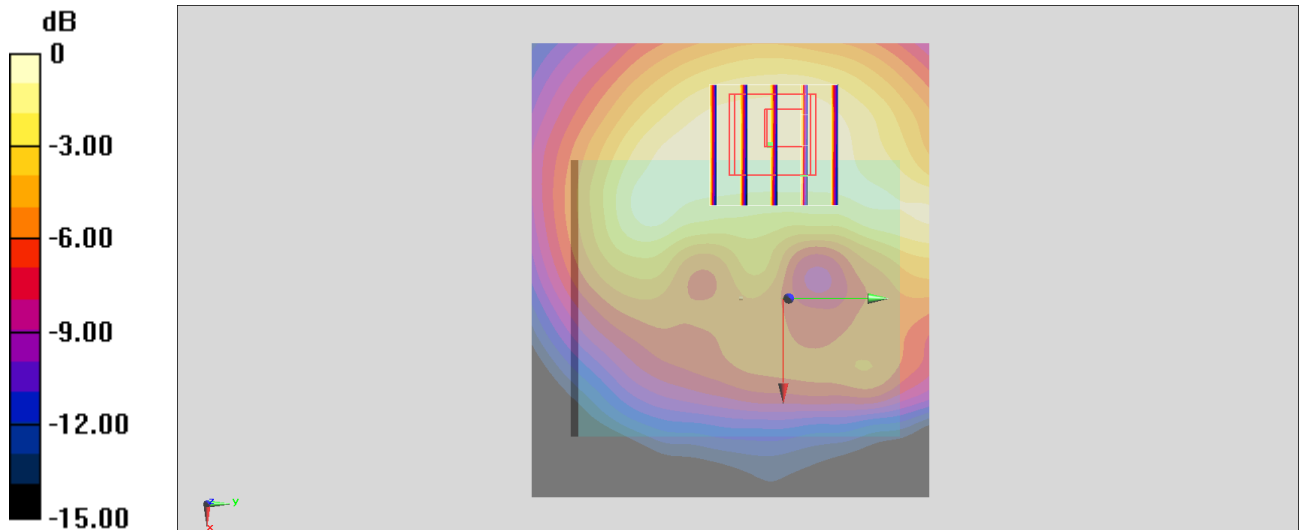
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.72 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.389 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.155 W/kg**

Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

**#06\_LTE Band 12\_10M\_QPSK\_1\_25\_Back\_0mm\_Ch23095**

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

Medium: HSL\_750\_200723 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.886$  S/m;  $\epsilon_r = 43.964$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 707.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.387 W/kg

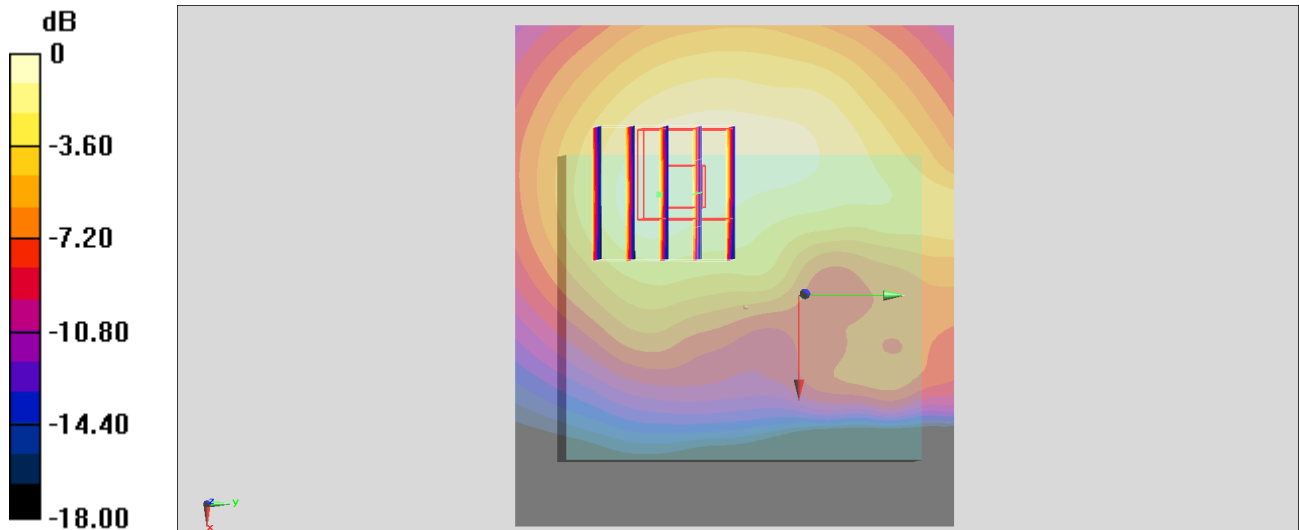
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.64 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.501 W/kg

**SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.387 W/kg = -4.12 dBW/kg

**#07\_LTE Band 13\_10M\_QPSK\_1\_25\_Back\_0mm\_Ch23230**

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

Medium: HSL\_750\_200723 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 43.489$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 782 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.327 W/kg

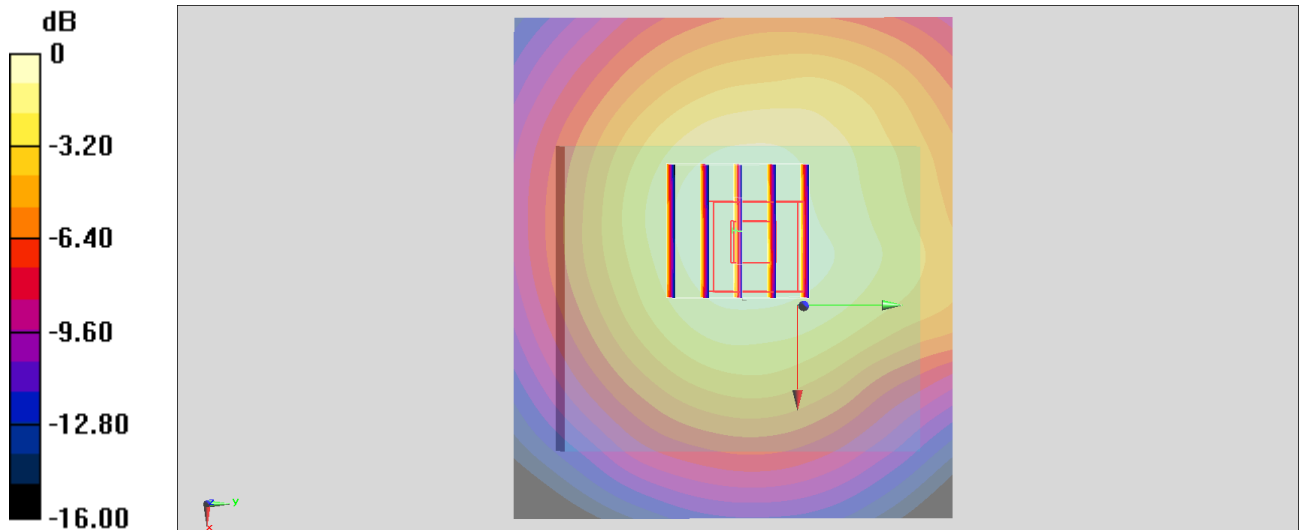
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.16 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.368 W/kg

**SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.189 W/kg**

Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

**#08\_LTE Band 14\_10M\_QPSK\_1\_25\_Back\_0mm\_Ch23330**

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

Medium: HSL\_750\_200723 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 43.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 793 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.347 W/kg

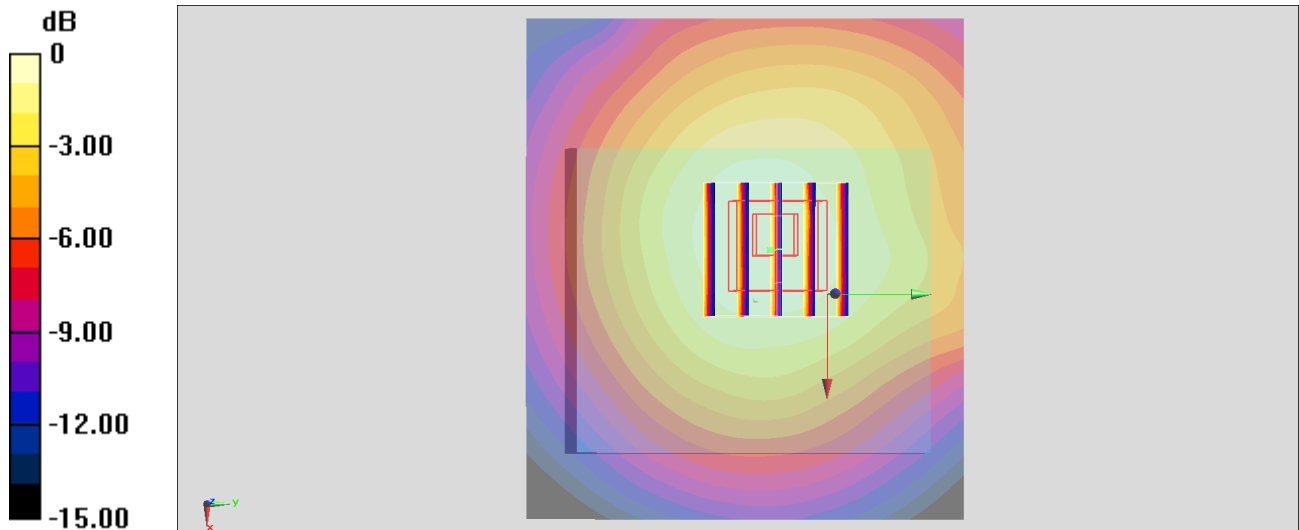
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.39 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg



**#09\_LTE Band 66\_20M\_QPSK\_1\_49\_Back\_0mm\_Ch132572**

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

Medium: HSL\_1750\_200723 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.388$  S/m;  $\epsilon_r = 40.544$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.729 W/kg

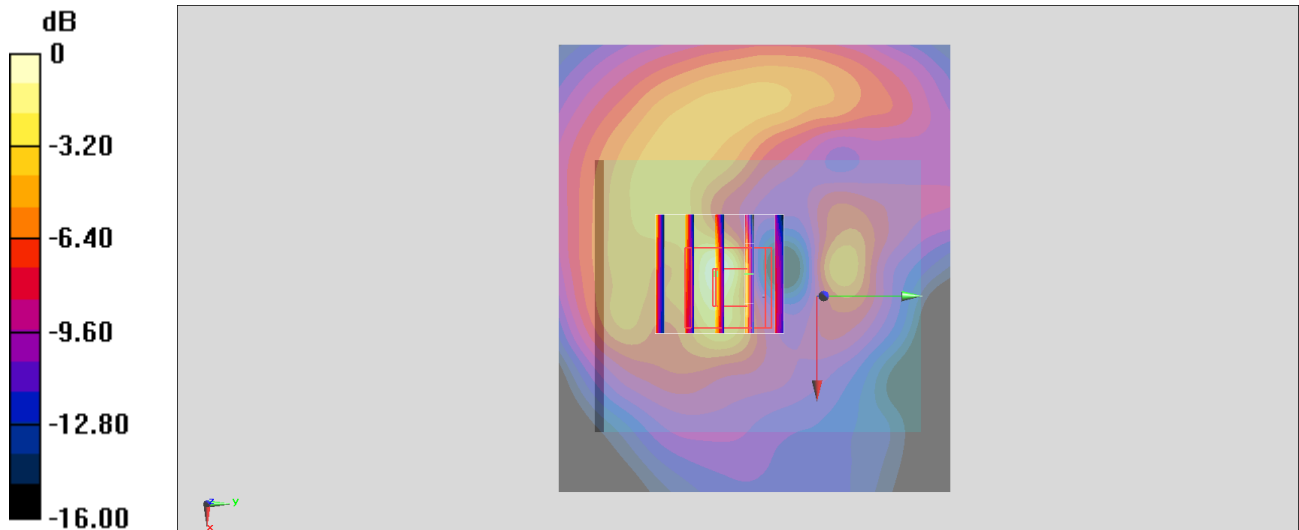
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.98 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.970 W/kg

**SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.171 W/kg**

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



**#10\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_0mm\_Ch13**

Communication System: 802.11b; Frequency: 2472 MHz; Duty Cycle: 1:1.011

Medium: HSL\_2450\_200723 Medium parameters used :  $f = 2472$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 38.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2472 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- 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) = 0.153 W/kg

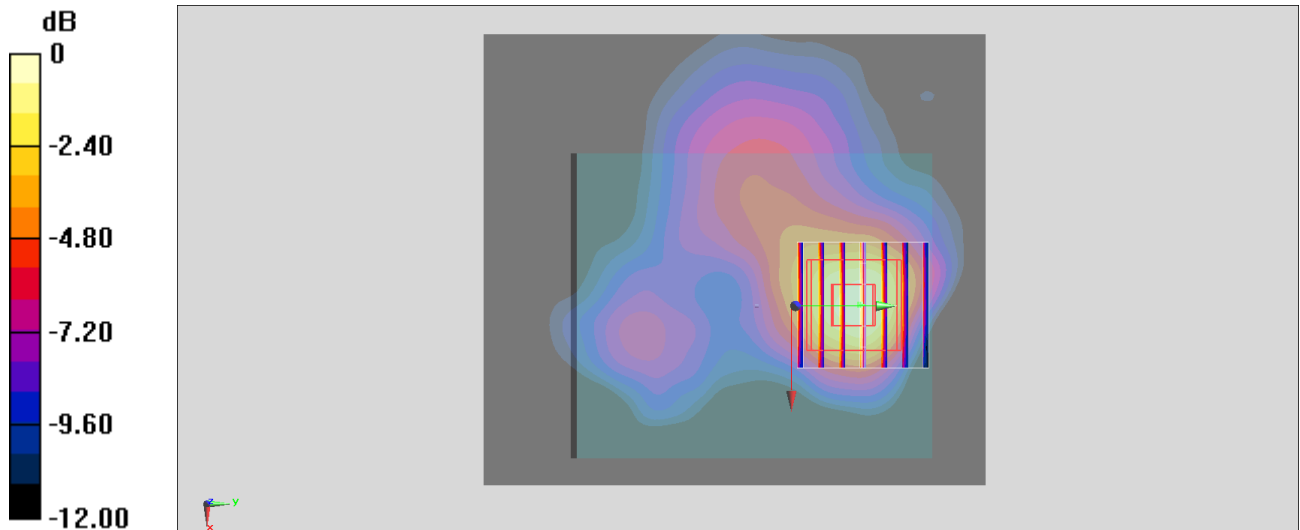
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.550 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.167 W/kg

**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

**#11\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch64**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.079

Medium: HSL\_5G\_200723 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.633$  S/m;  $\epsilon_r = 35.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5320 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x51x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0905 W/kg

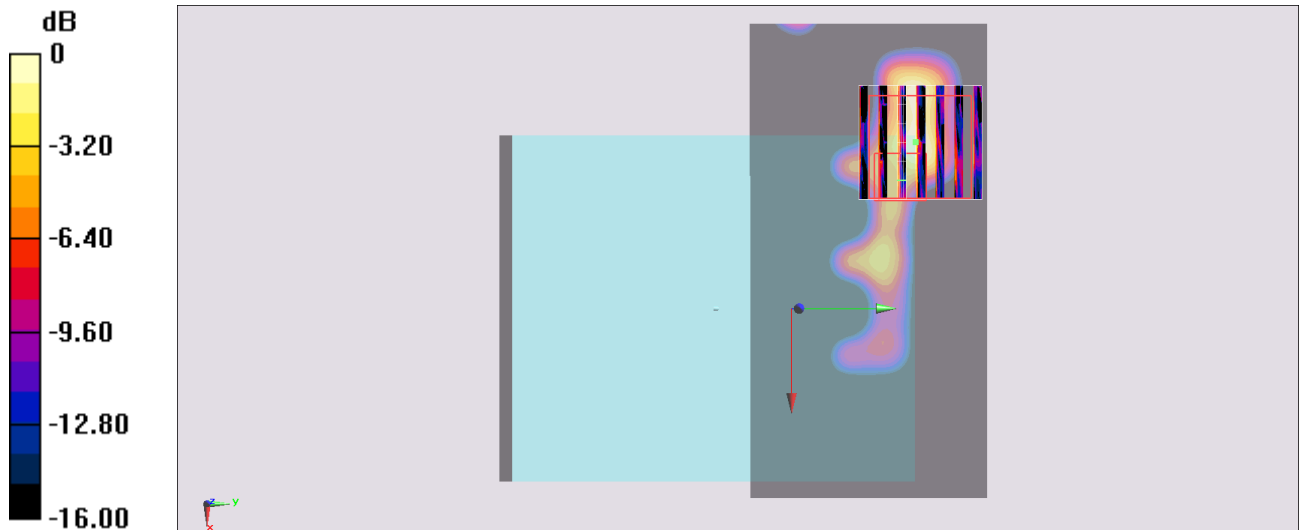
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.940 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00426 W/kg**

Maximum value of SAR (measured) = 0.0369 W/kg



0 dB = 0.0905 W/kg = -10.43 dBW/kg

**#12\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch144**

Communication System: 802.11a; Frequency: 5720 MHz; Duty Cycle: 1:1.079

Medium: HSL\_5G\_200723 Medium parameters used:  $f = 5720$  MHz;  $\sigma = 5.031$  S/m;  $\epsilon_r = 35.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

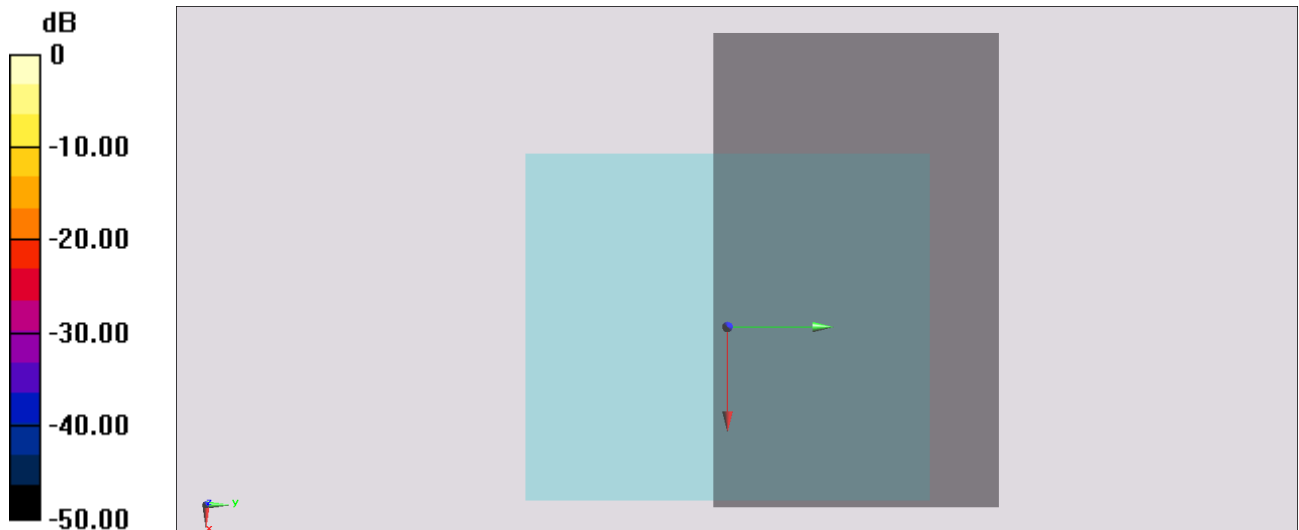
- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5720 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 0 V/m; Power Drift = 0 dB

**Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg**

Maximum value of SAR (interpolated) = 0 W/kg



**#13\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch151**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.115

Medium: HSL\_5G\_200723 Medium parameters used :  $f = 5755$  MHz;  $\sigma = 5.117$  S/m;  $\epsilon_r = 34.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5755 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Reference Value = 0 V/m; Power Drift = 0 dB

**Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg**

Maximum value of SAR (interpolated) = 0 W/kg

