

**#01\_WCDMA II\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch9262**

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

Medium: HSL\_1900\_211220 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.359$  S/m;  $\epsilon_r = 40.175$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(8.24, 8.24, 8.24) @ 1852.4 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- 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) = 1.26 W/kg

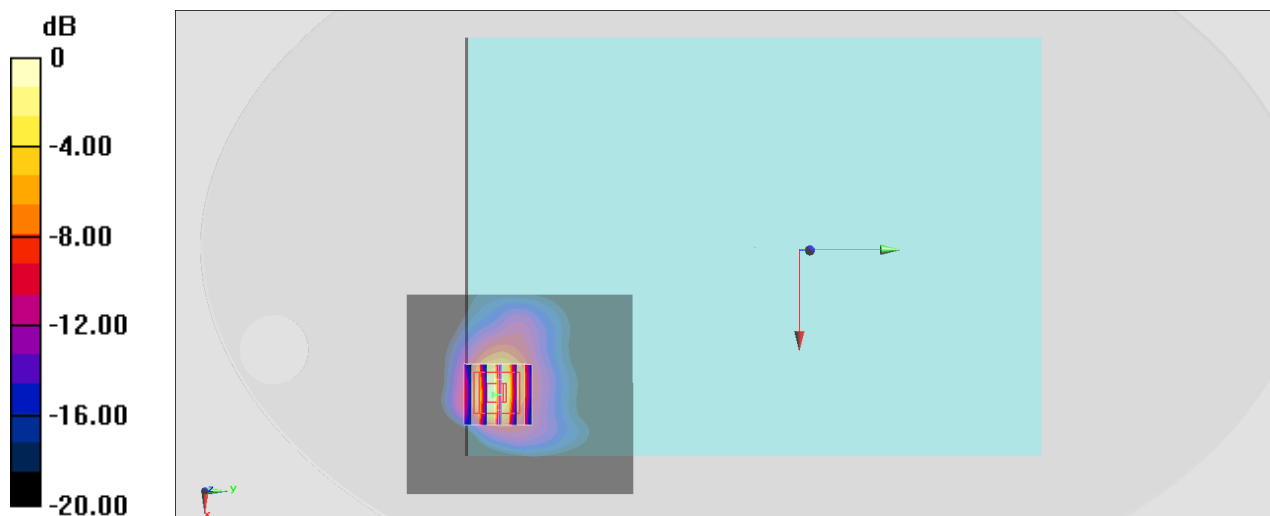
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.55 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.375 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

**#02\_WCDMA IV\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch1413**

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

Medium: HSL\_1750\_211221 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 40.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(8.55, 8.55, 8.55) @ 1732.6 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- 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) = 1.44 W/kg

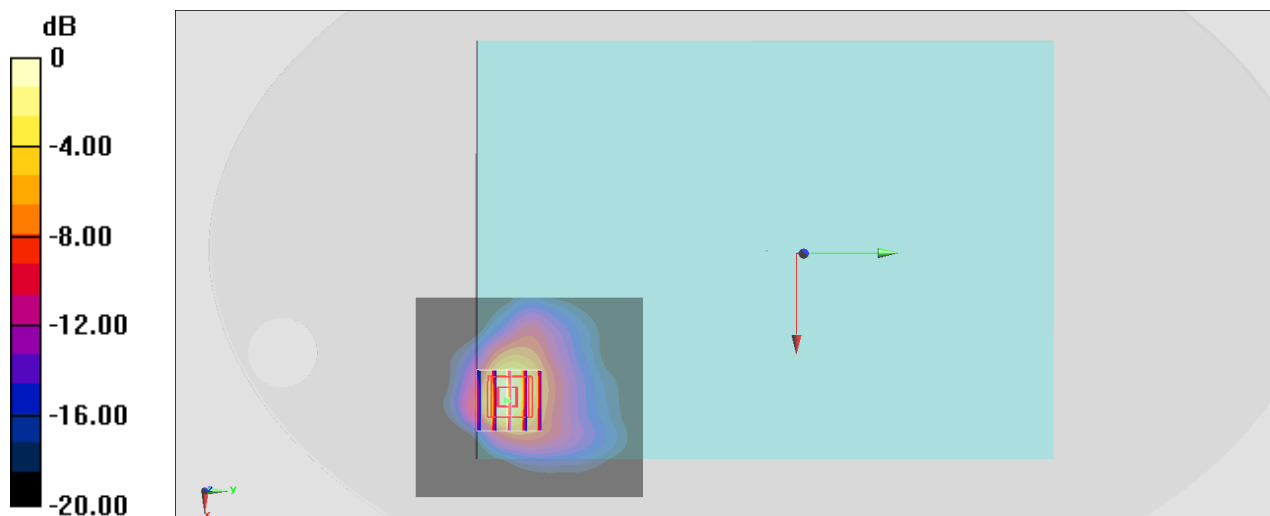
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.99 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.403 W/kg**

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



0 dB = 1.40 W/kg = 1.46 dBW/kg

**#03\_WCDMA V\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch4233**

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

Medium: HSL\_850\_211222 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 42.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 846.6 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

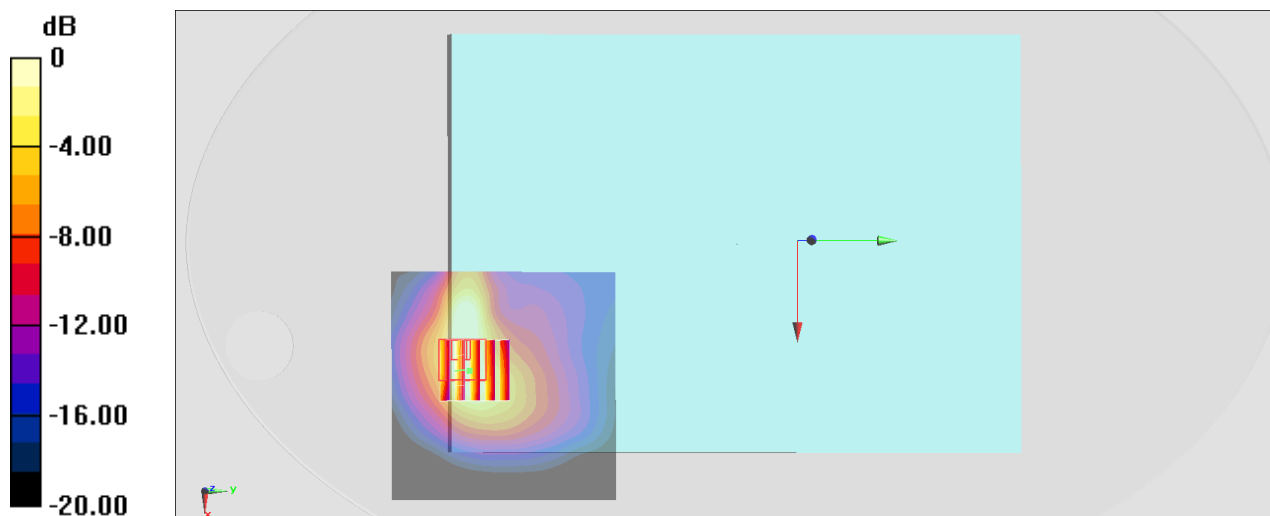
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.63 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.451 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

**#04\_LTE Band 7\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch20850**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_211224 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.915$  S/m;  $\epsilon_r = 39.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(7.34, 7.34, 7.34) @ 2510 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

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

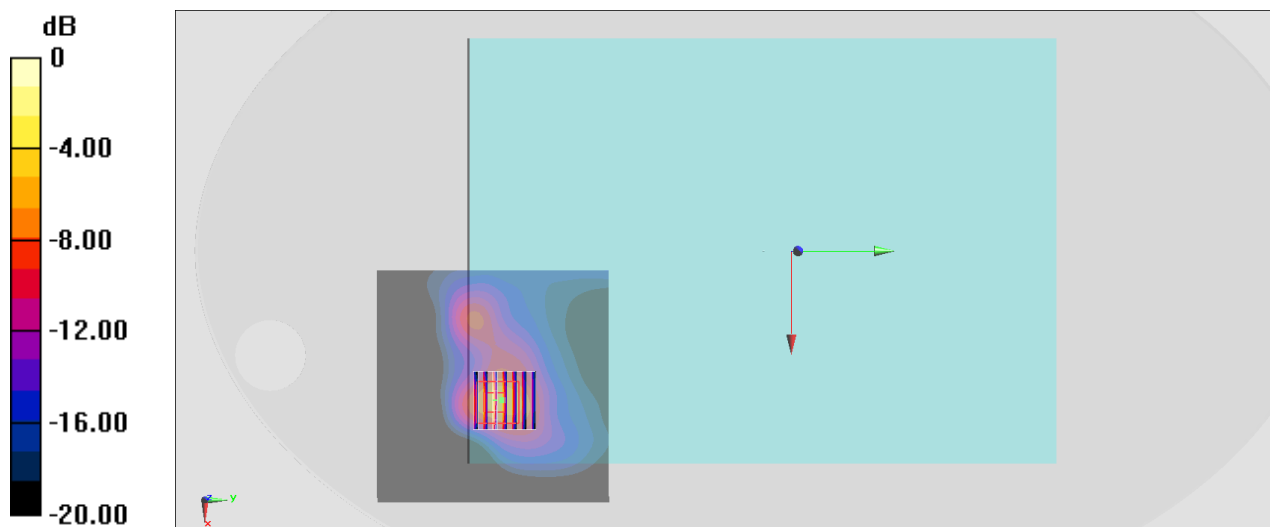
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 31.94 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.423 W/kg**

Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

**#05\_LTE Band 12\_10M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch23095**

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

Medium: HSL\_750\_211223 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 43.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 707.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

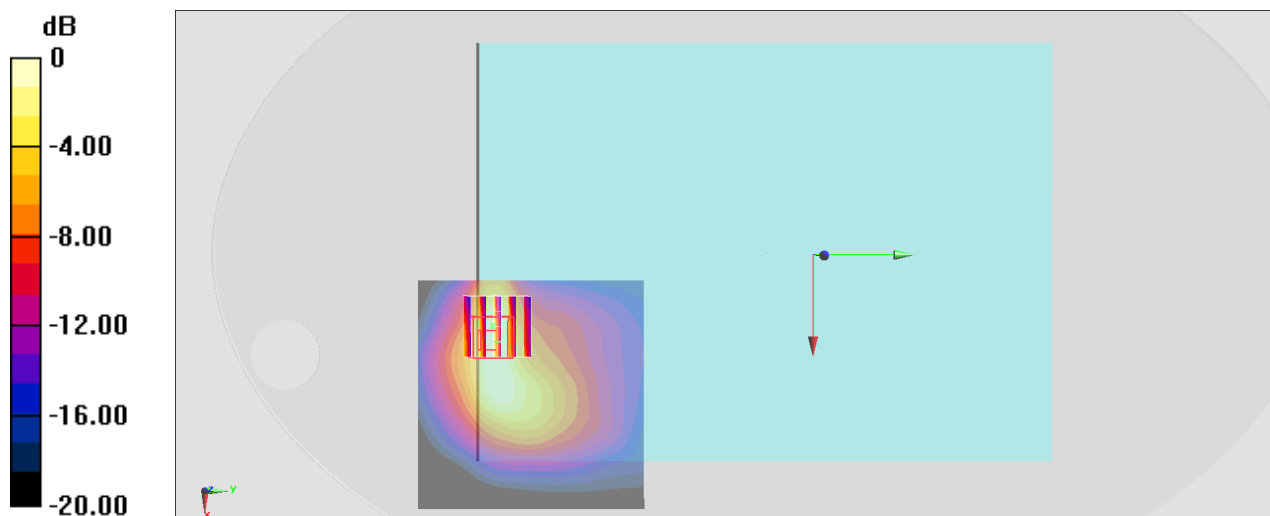
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.14 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.398 W/kg**

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

**#06\_LTE Band 13\_10M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch23230**

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

Medium: HSL\_750\_211223 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.9 \text{ S/m}$ ;  $\epsilon_r = 42.692$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $22.5^\circ\text{C}$

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 782 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.48 \text{ W/kg}$

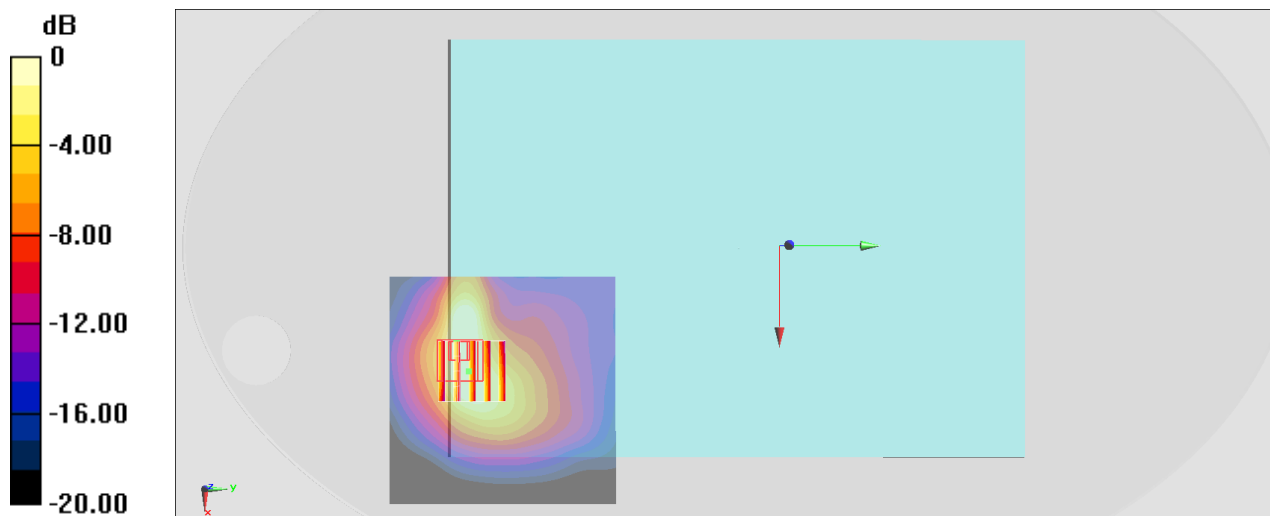
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $37.60 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $1.55 \text{ W/kg}$

**SAR(1 g) =  $0.834 \text{ W/kg}$ ; SAR(10 g) =  $0.472 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.16 \text{ W/kg}$



0 dB =  $1.16 \text{ W/kg}$  =  $0.64 \text{ dBW/kg}$

**#07\_LTE Band 14\_10M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch23330**

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

Medium: HSL\_750\_211223 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 42.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 793 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

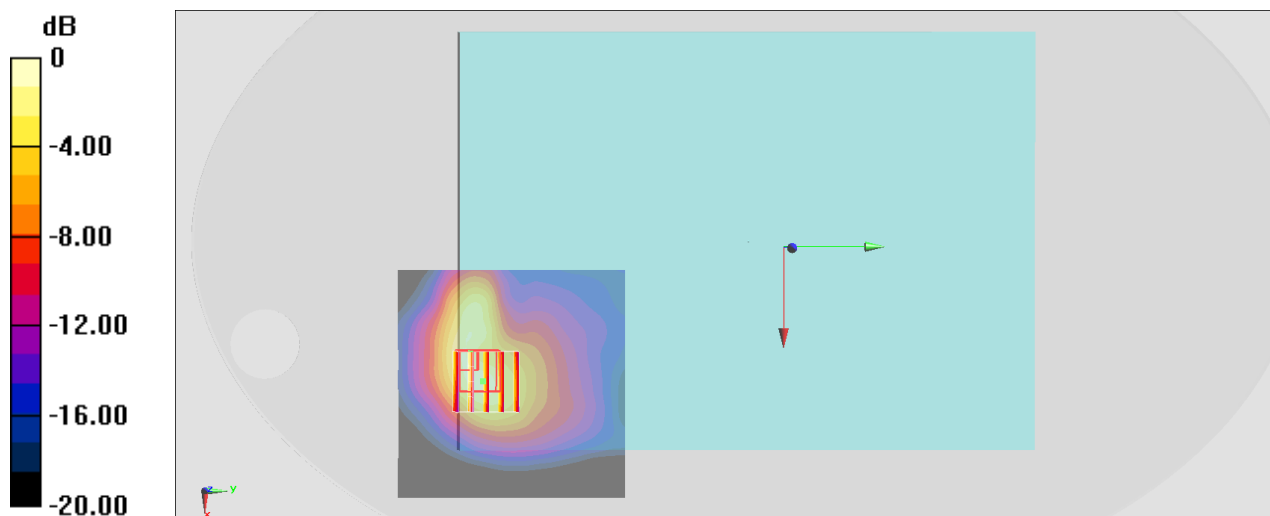
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.67 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.479 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

**#08\_LTE Band 25\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch26590**

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

Medium: HSL\_1900\_211220 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(8.24, 8.24, 8.24) @ 1905 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.835 W/kg

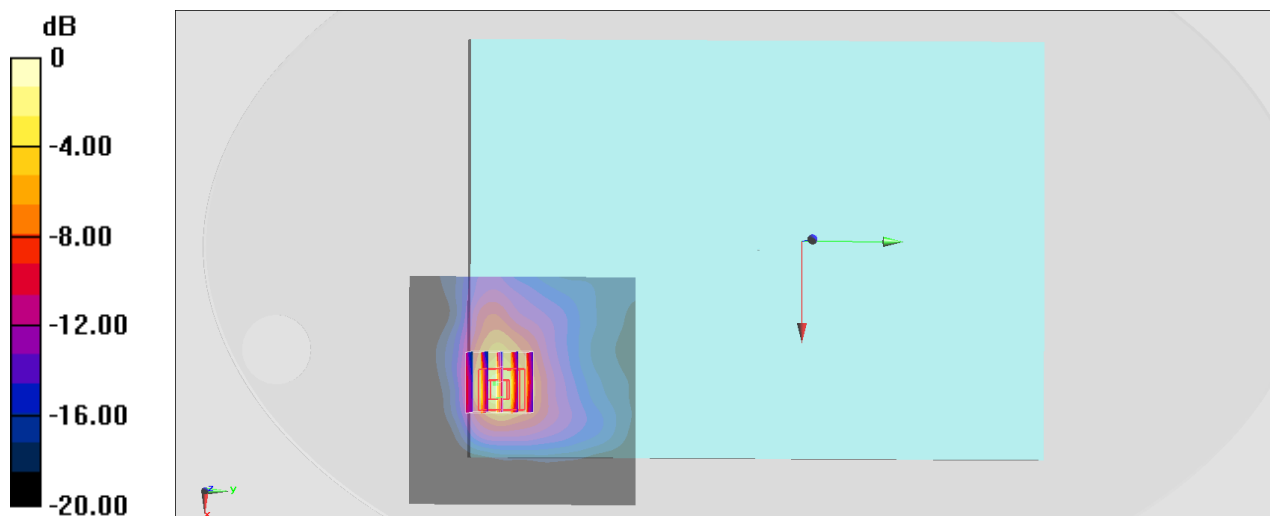
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.31 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.383 W/kg**

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



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

**#09\_LTE Band 26\_15M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch26865**

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

Medium: HSL\_850\_211222 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 831.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

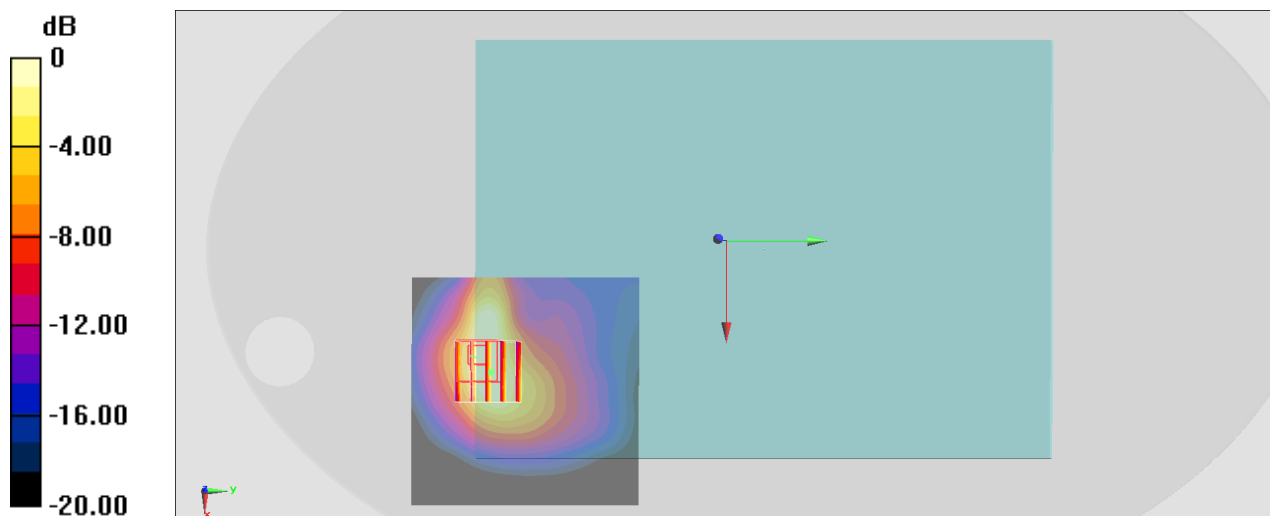
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.55 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.444 W/kg**

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



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

**#10\_LTE Band 30\_10M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch27710**

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

Medium: HSL\_2300\_211224 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.677$  S/m;  $\epsilon_r = 39.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(7.82, 7.82, 7.82) @ 2310 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.500 W/kg

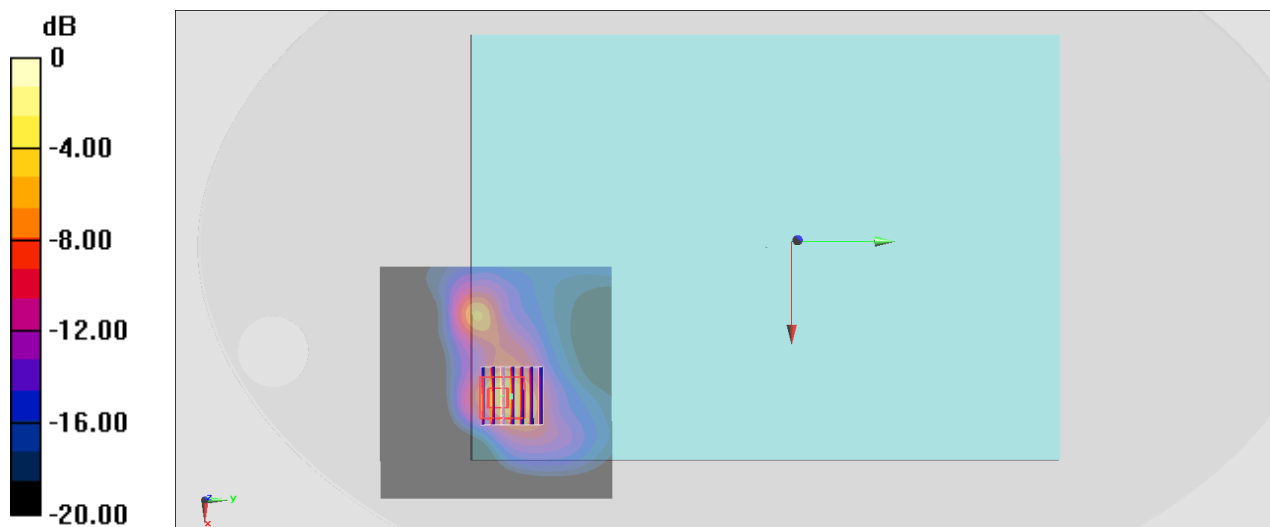
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 29.19 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.391 W/kg**

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

**#11\_LTE Band 66\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch132572**

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

Medium: HSL\_1750\_211221 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.4$  S/m;  $\epsilon_r = 40.007$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(8.55, 8.55, 8.55) @ 1770 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.897 W/kg

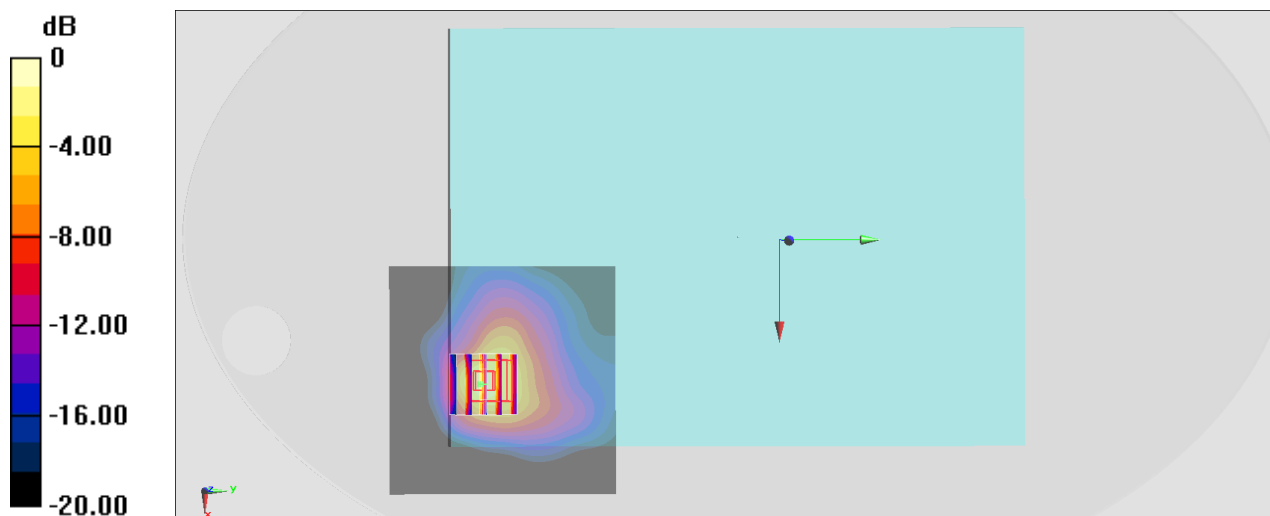
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.40 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.409 W/kg**

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



0 dB = 1.33 W/kg = 1.24 dBW/kg

**#12\_LTE Band 71\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch133322**

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

Medium: HSL\_750\_211228 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.867$  S/m;  $\epsilon_r = 43.475$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 683 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- 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) = 1.98 W/kg

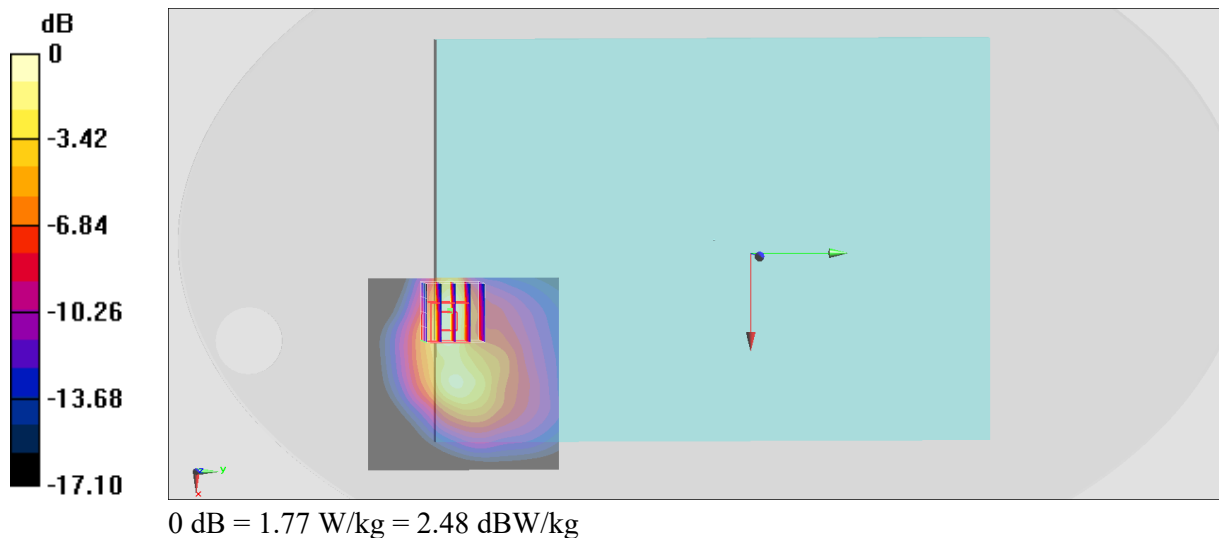
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.11 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.36 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.502 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



**#13\_LTE Band 41\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch40620**

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

Medium: HSL\_2600\_211225 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.968$  S/m;  $\epsilon_r = 38.875$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7439; ConvF(7.34, 7.34, 7.34) @ 2593 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: ELI v4.0\_Right; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.532 W/kg

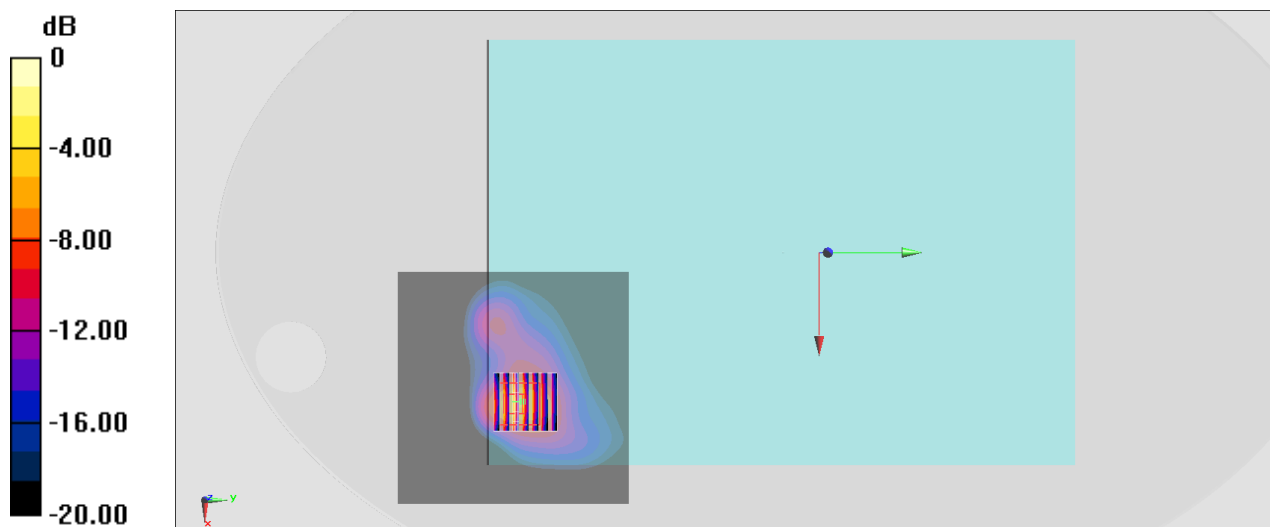
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 27.61 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.406 W/kg**

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

**#14\_LTE Band 48\_20M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch55340**

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

Medium: HSL\_3300~4200\_211224 Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.977$  S/m;  $\epsilon_r = 37.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3976; ConvF(7.07, 7.07, 7.07) @ 3560 MHz; Calibrated: 2021/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.38 W/kg

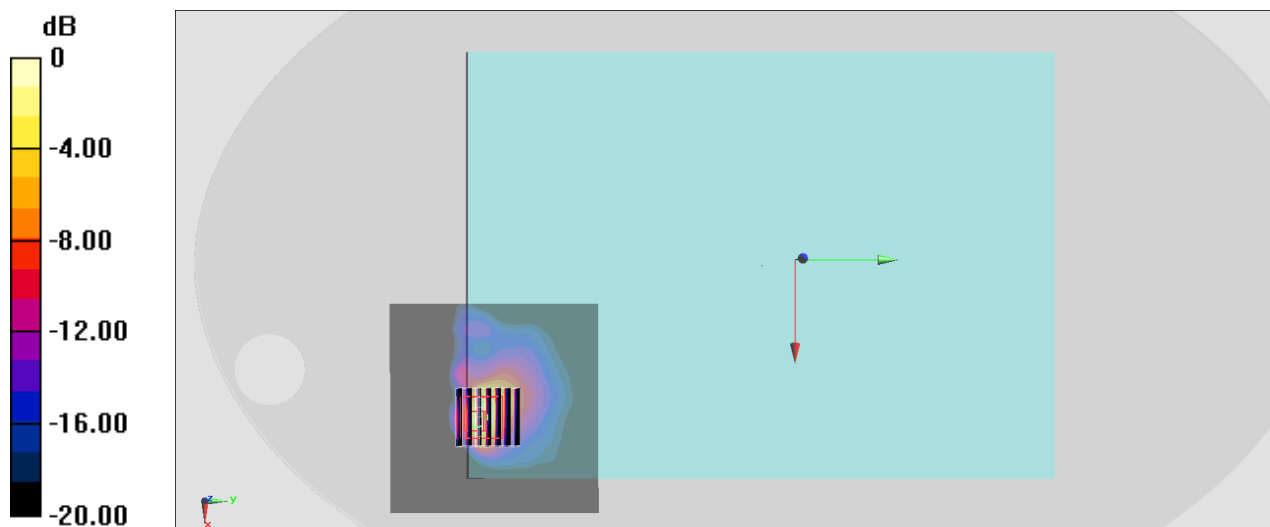
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 17.36 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.21 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.356 W/kg**

Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg