

#01_WCDMA II_RMC 12.2Kbps_Edge 4_0mm_Ch9400

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

Medium: MSL_1900_190401 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ S/m; $\epsilon_r = 53.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306;ConvF(7.87, 7.87, 7.87) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 2.76 W/kg

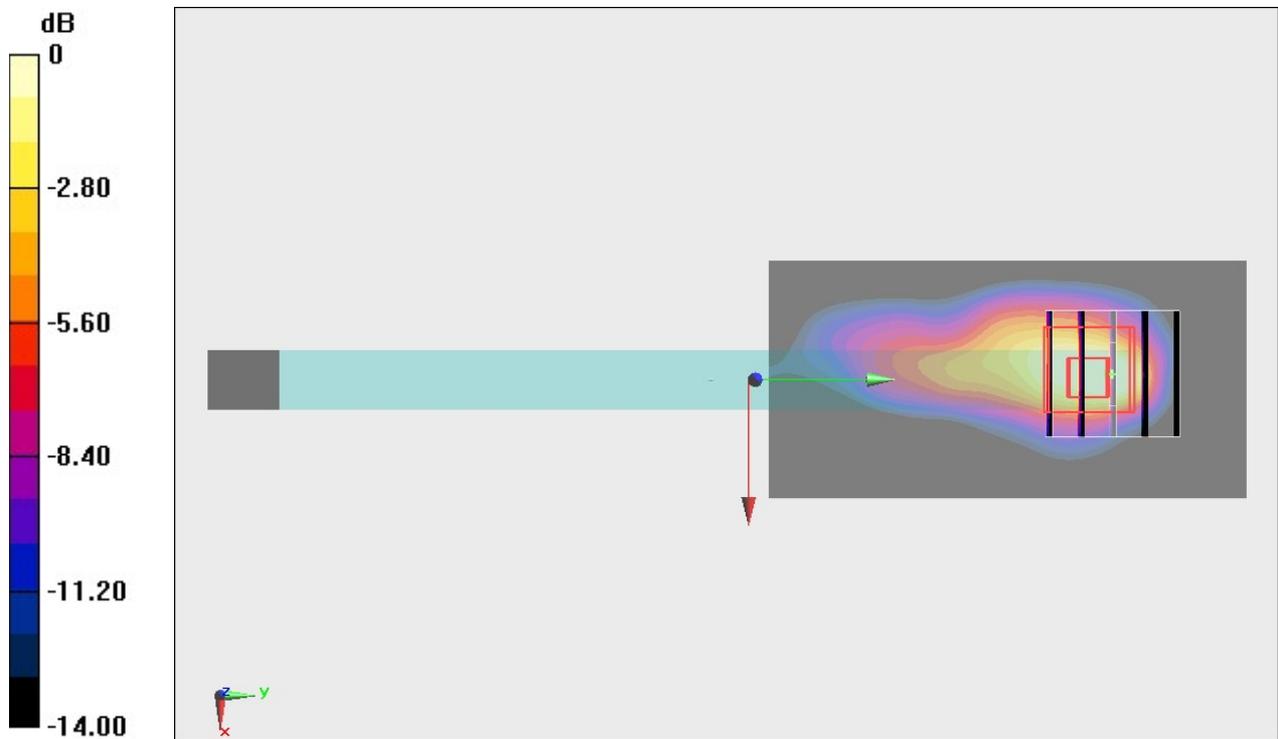
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.71 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.509 W/kg

Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg

#02_WCDMA IV_RMC 12.2Kbps_Edge 4_0mm_Ch1513

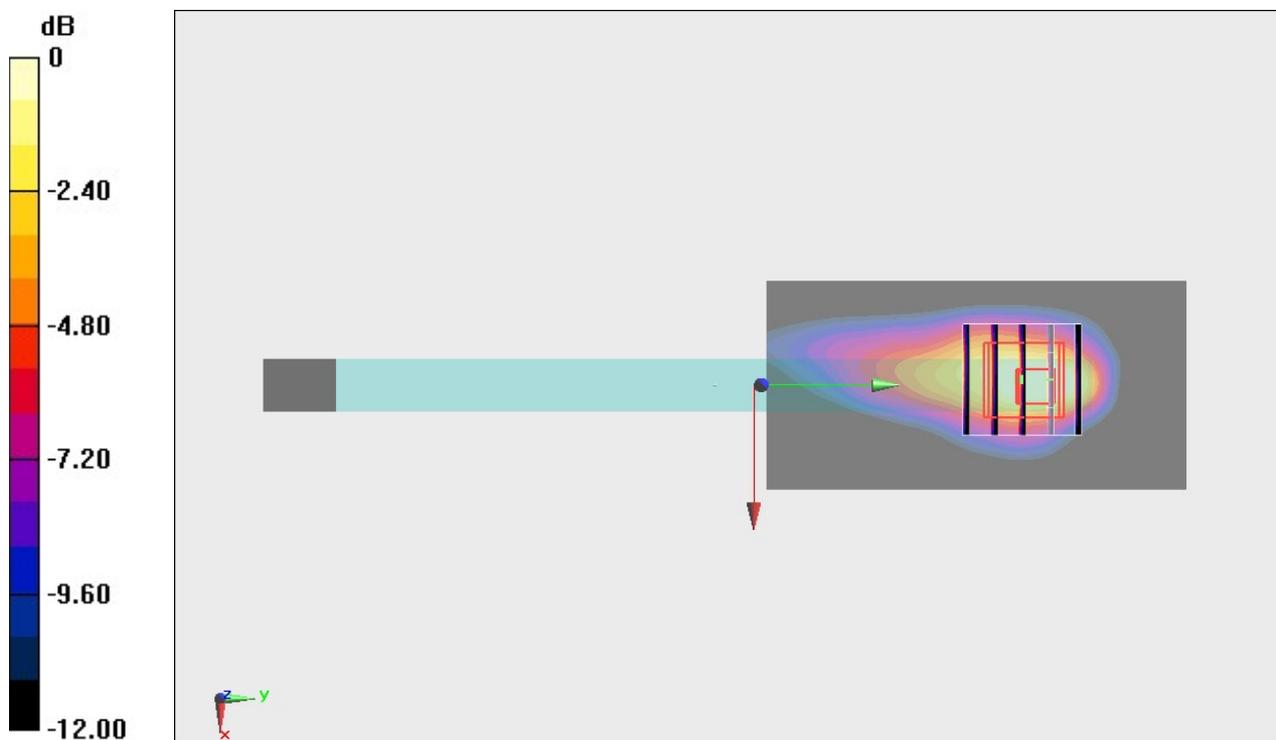
Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1
 Medium: MSL_1750_190401 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.492$ S/m; $\epsilon_r = 54.648$;
 $\rho = 1000$ kg/m³
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN7306;ConvF(8.22, 8.22, 8.22) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.74 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.32 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.536 W/kg
 Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Edge 4_0mm_Ch4132

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

Medium: MSL_850_190402 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 54.127$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306;ConvF(9.82, 9.82, 9.82) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 2.01 W/kg

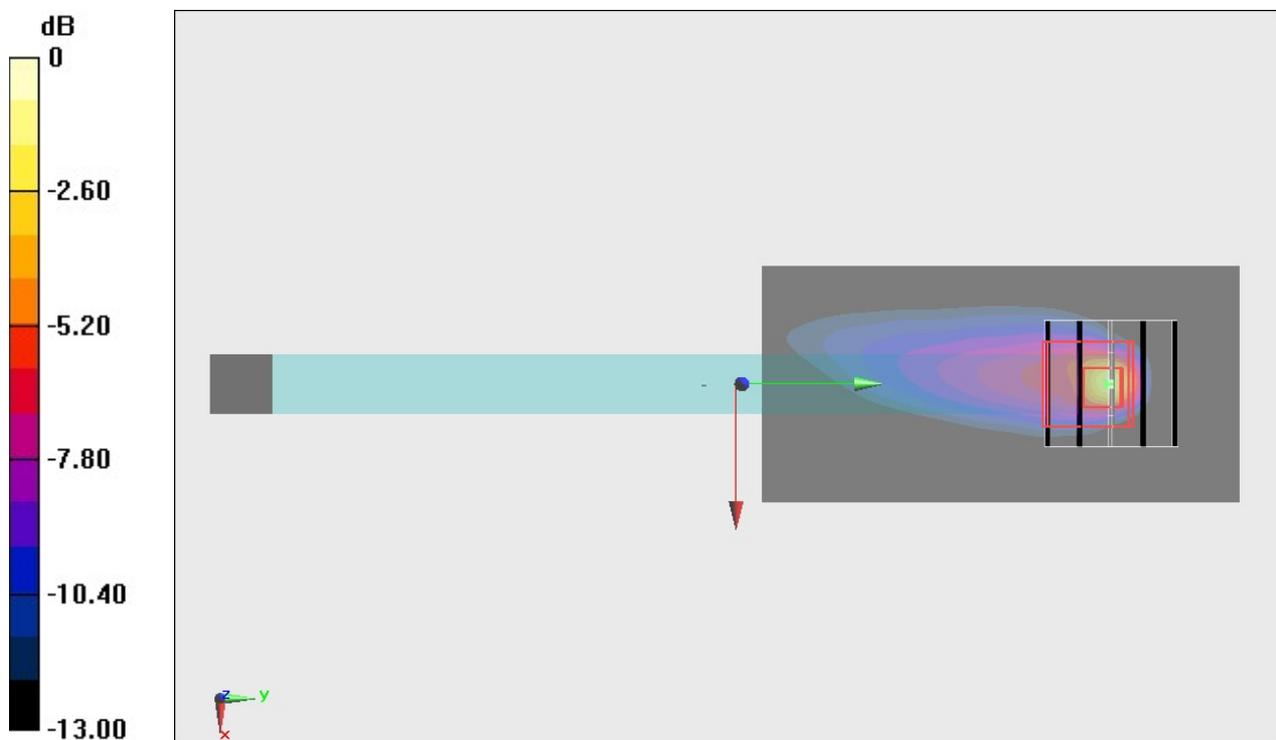
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.90 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.38 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 2.84 W/kg



0 dB = 2.84 W/kg = 4.53 dBW/kg

#04_LTE Band 7_20M_QPSK_50_0_Edge 1_0mm_Ch20850

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

Medium: MSL_2600_190410 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.1$ S/m; $\epsilon_r = 52.884$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3728; ConvF(6.96, 6.96, 6.96) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.742 W/kg

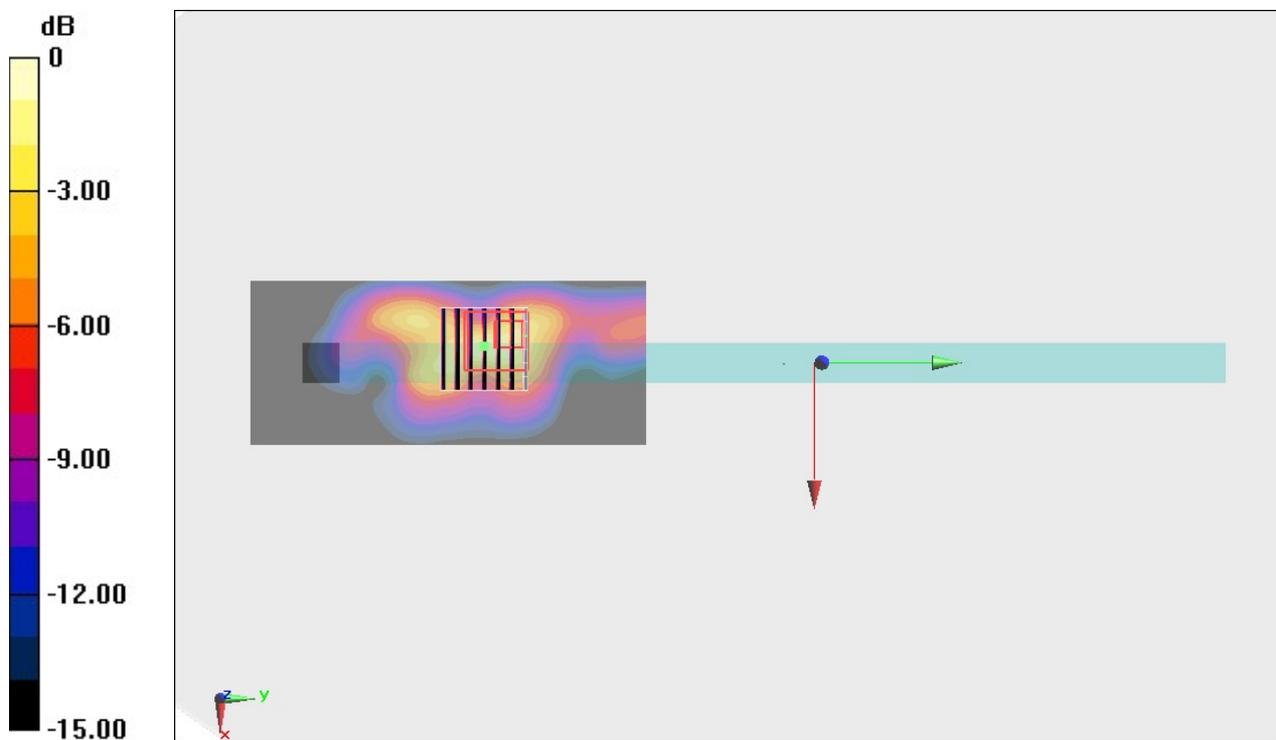
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.67 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.970 W/kg = -0.13 dBW/kg

#05_LTE Band 12_10M_QPSK_1_0_Edge 4_0mm_Ch23095

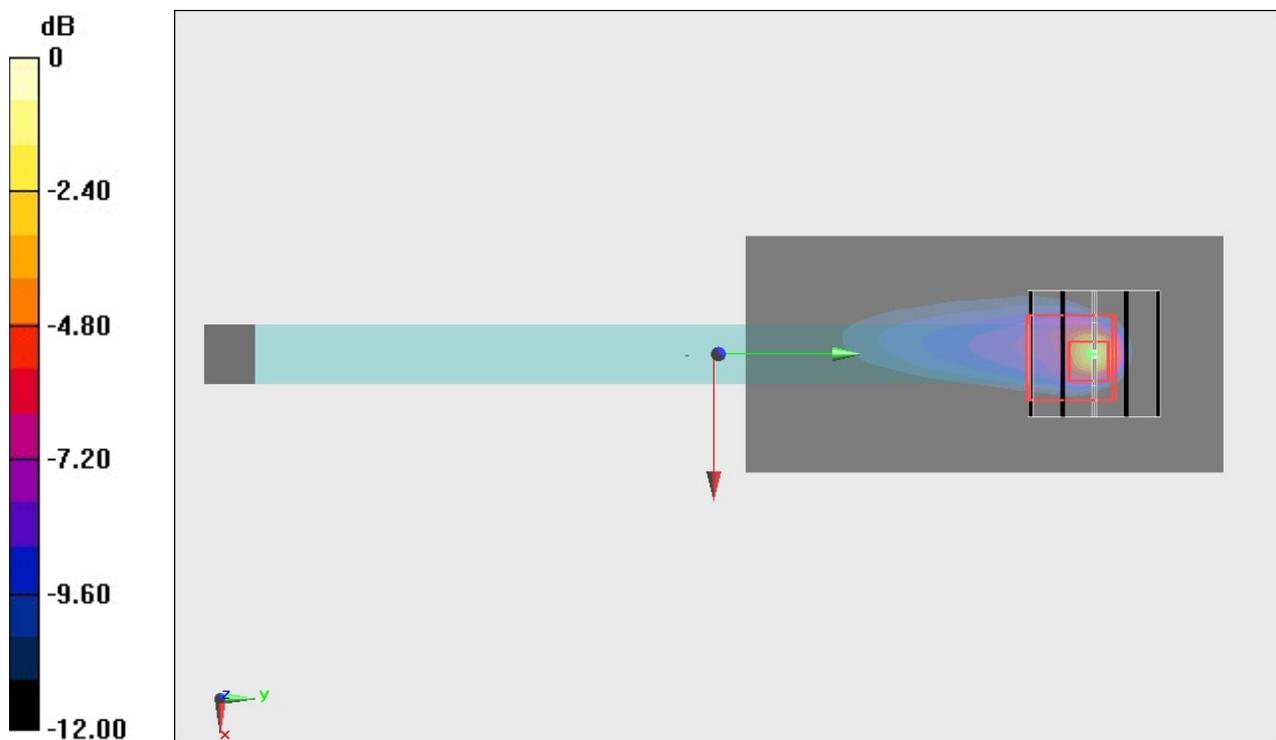
Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium: MSL_750_190402 Medium parameters used $f = 707.5$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 53.912$;
 $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.06, 10.06, 10.06) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 2.54 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 55.29 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 6.16 W/kg
SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.282 W/kg
 Maximum value of SAR (measured) = 3.85 W/kg



0 dB = 3.85 W/kg = 5.85 dBW/kg

#06_LTE Band 13_10M_QPSK_1_0_Edge 4_0mm_Ch23230

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

Medium: MSL_750_190402 Medium parameters used: $f = 782$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 53.204$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.06, 10.06, 10.06) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

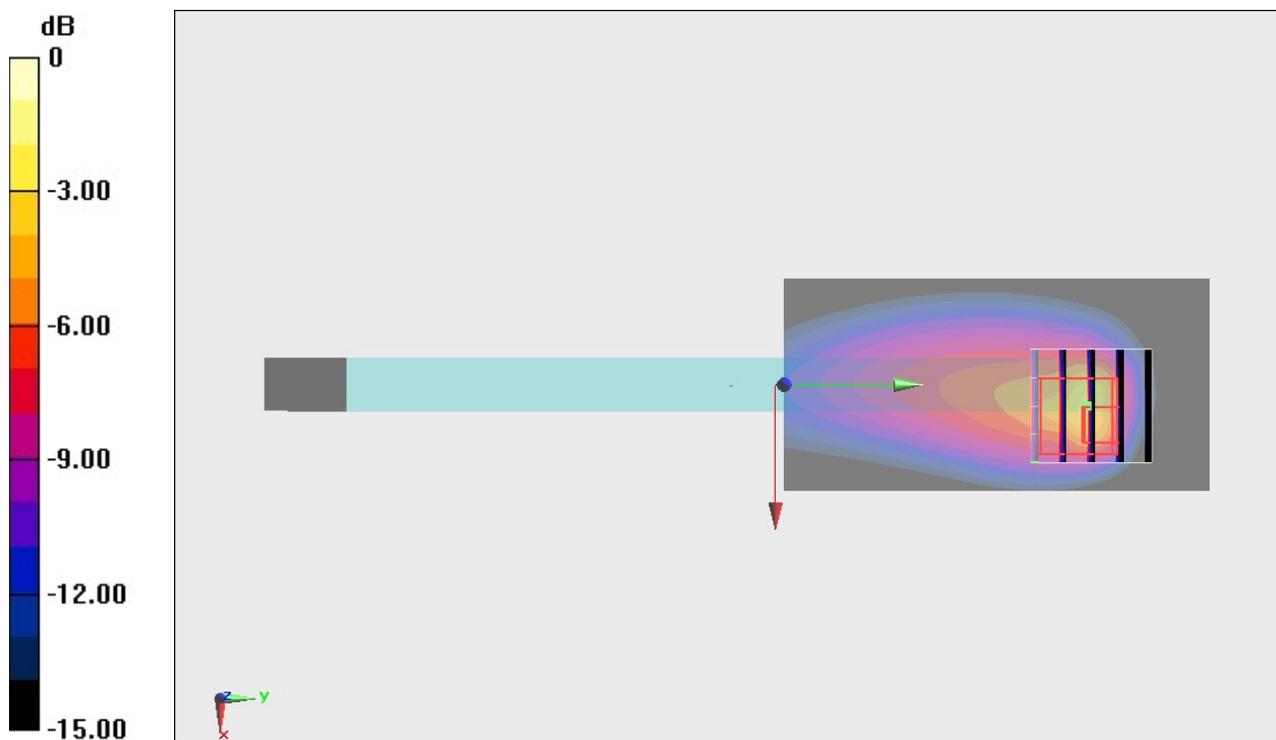
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.84 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.54 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



0 dB = 2.41 W/kg = 3.82 dBW/kg

#07_LTE Band 14_10M_QPSK_1_0_Edge 4_0mm_Ch23330

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

Medium: MSL_750_190402 Medium parameters used: $f = 793$ MHz; $\sigma = 1.011$ S/m; $\epsilon_r = 53.095$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.06, 10.06, 10.06) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

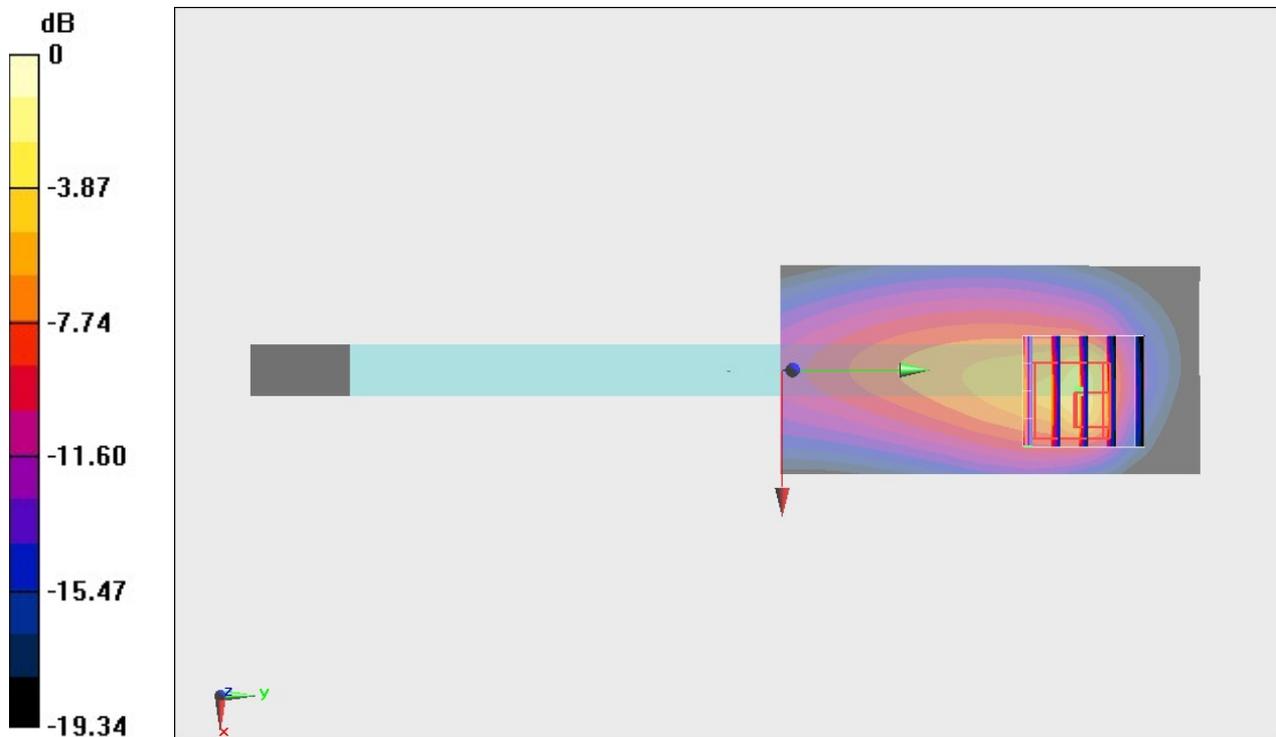
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.90 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 4.60 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 2.45 W/kg



0 dB = 2.45 W/kg = 3.89 dBW/kg

#08_LTE Band 25_20M_QPSK_1_0_Edge 4_0mm_Ch26340

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

Medium: MSL_1900_190401 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ S/m; $\epsilon_r = 53.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.87, 7.87, 7.87) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 3.02 W/kg

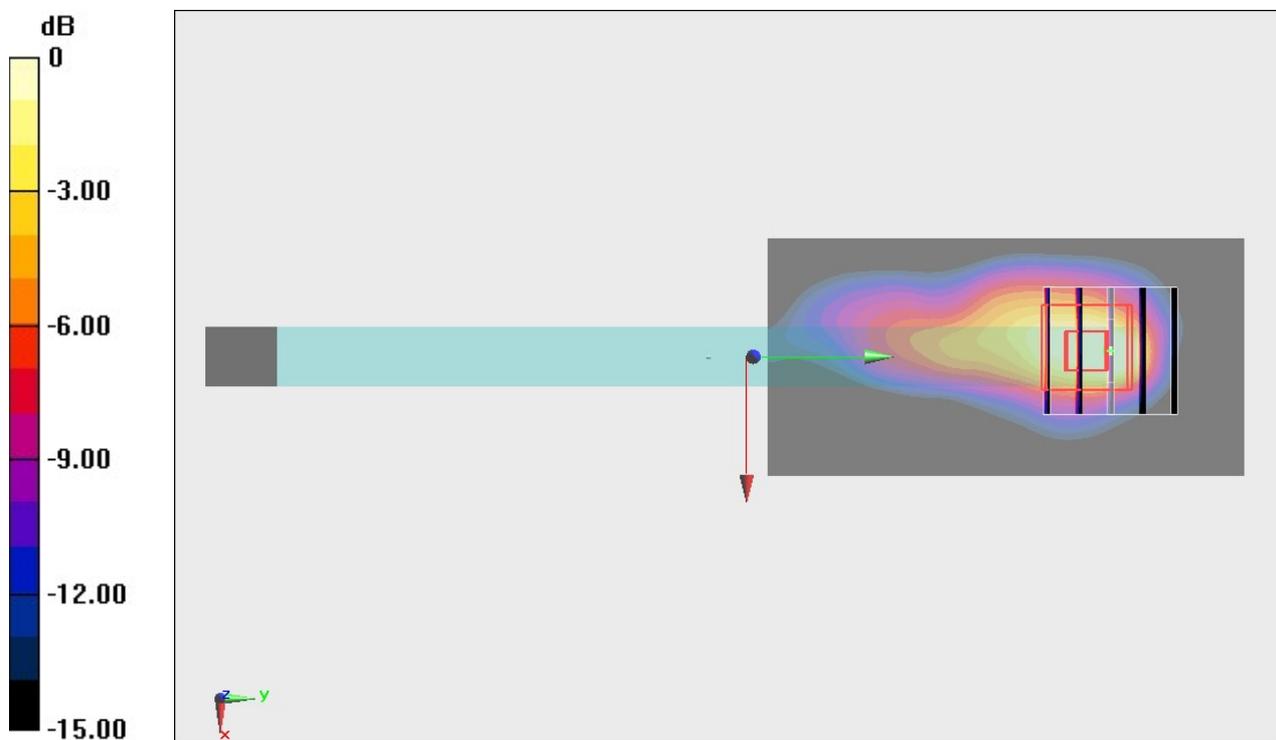
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.60 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 2.12 W/kg



0 dB = 2.12 W/kg = 3.26 dBW/kg

#09_LTE Band 26_15M_QPSK_1_0_Edge 4_0mm_Ch26865

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

Medium: MSL_850_190402 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.976$ S/m; $\epsilon_r = 54.069$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306;ConvF(9.82, 9.82, 9.82) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.683 W/kg

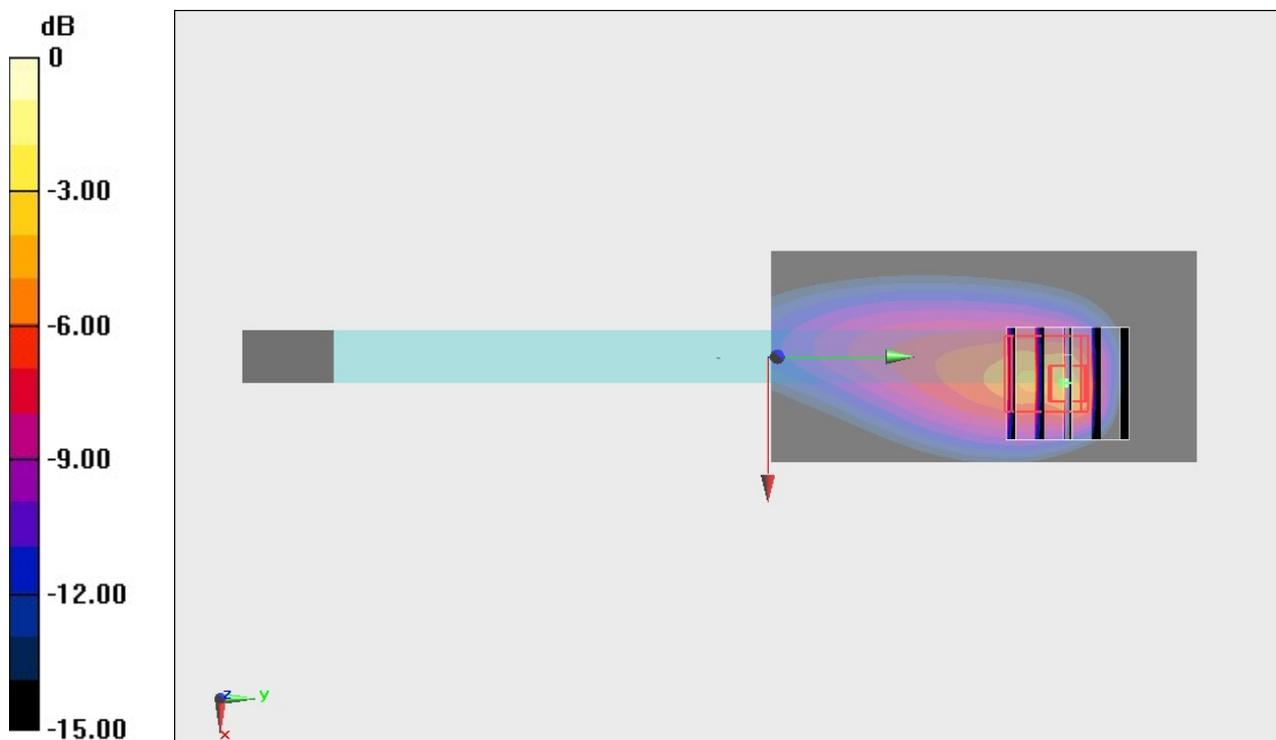
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.46 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

#10_LTE Band 30_10M_QPSK_1_0_Edge 4_0mm_Ch27710

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

Medium: MSL_2300_190403 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.755$ S/m; $\epsilon_r = 52.683$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931;ConvF(7.87, 7.87, 7.87) ;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

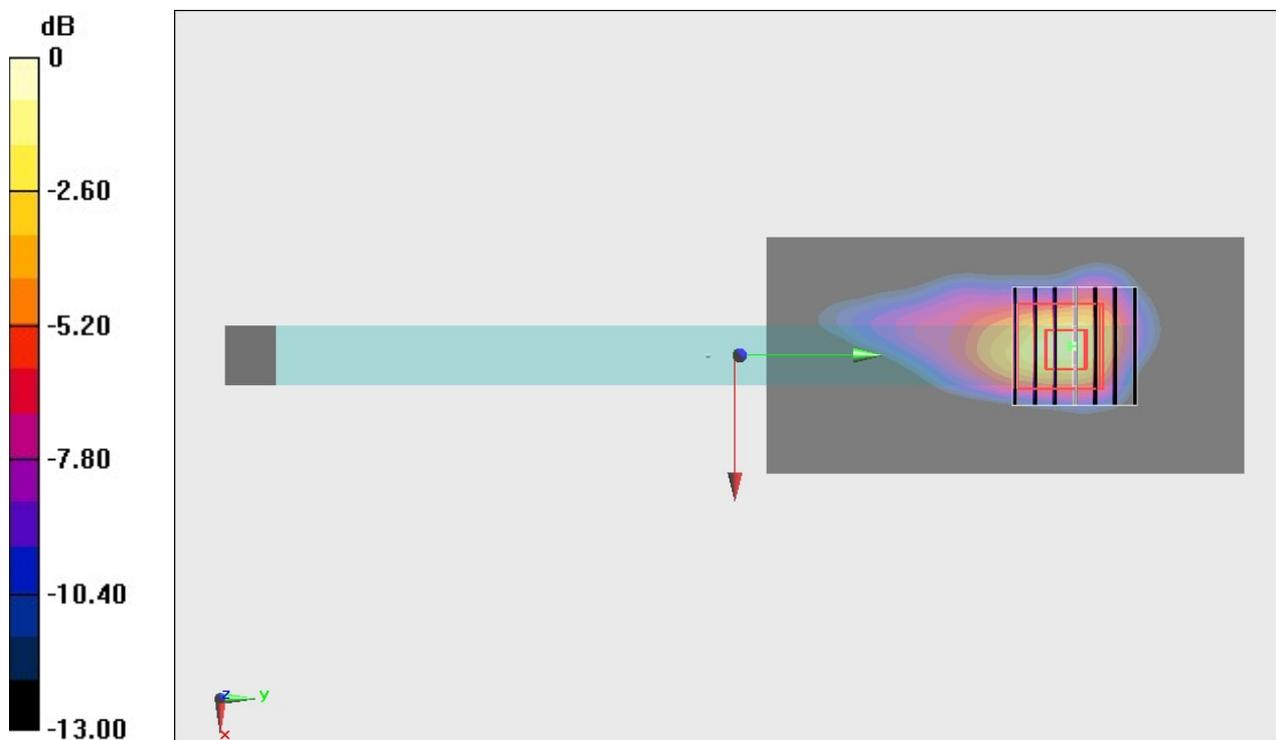
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.02 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.472 W/kg

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.09 W/kg = 3.20 dBW/kg

#11_LTE Band 66_20M_QPSK_50_0_Edge 4_0mm_Ch132572

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

Medium: MSL_1750_190401 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 54.601$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306;ConvF(8.22, 8.22, 8.22) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 2.64 W/kg

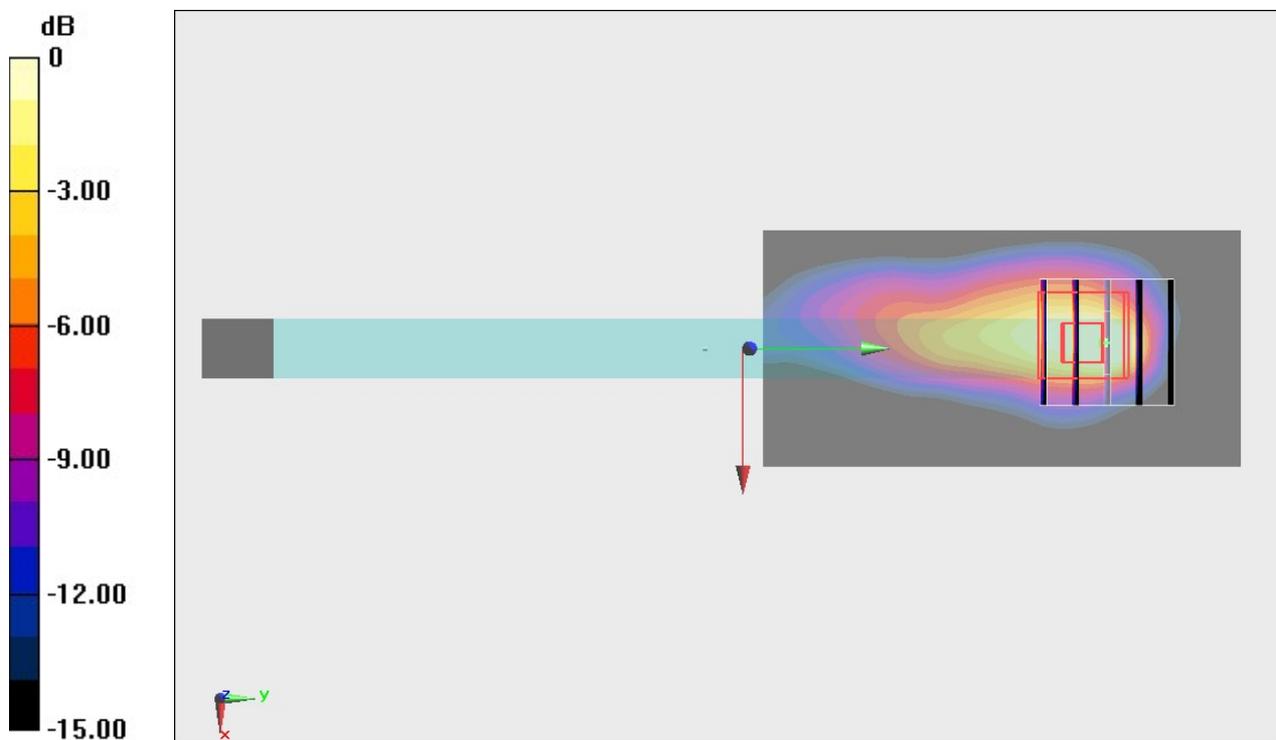
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.22 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.451 W/kg

Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.81 W/kg = 2.58 dBW/kg

#12_LTE Band 41_20M_QPSK_50_0_Edge 1_0mm_Ch40185

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

Medium: MSL_2600_190410 Medium parameters used: $f = 2550$ MHz; $\sigma = 2.155$ S/m; $\epsilon_r = 52.736$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.96, 6.96, 6.96) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.768 W/kg

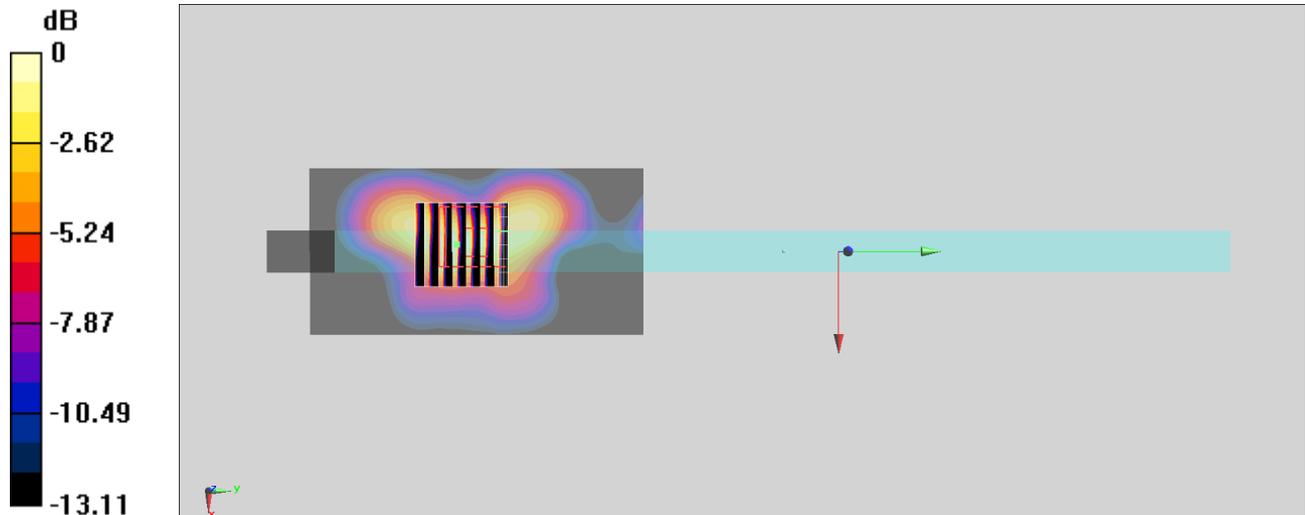
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.17 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.840 W/kg



0 dB = 0.840 W/kg = -0.76 dBW/kg