

#01_CDMA BC0_RTAP 153.6Kbps_Edge1_0cm_Ch384

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_850_141112 Medium parameters used: $f = 837 \text{ MHz}$; $\sigma = 0.965 \text{ S/m}$; $\epsilon_r = 54.539$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch384/Area Scan (51x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.377 W/kg

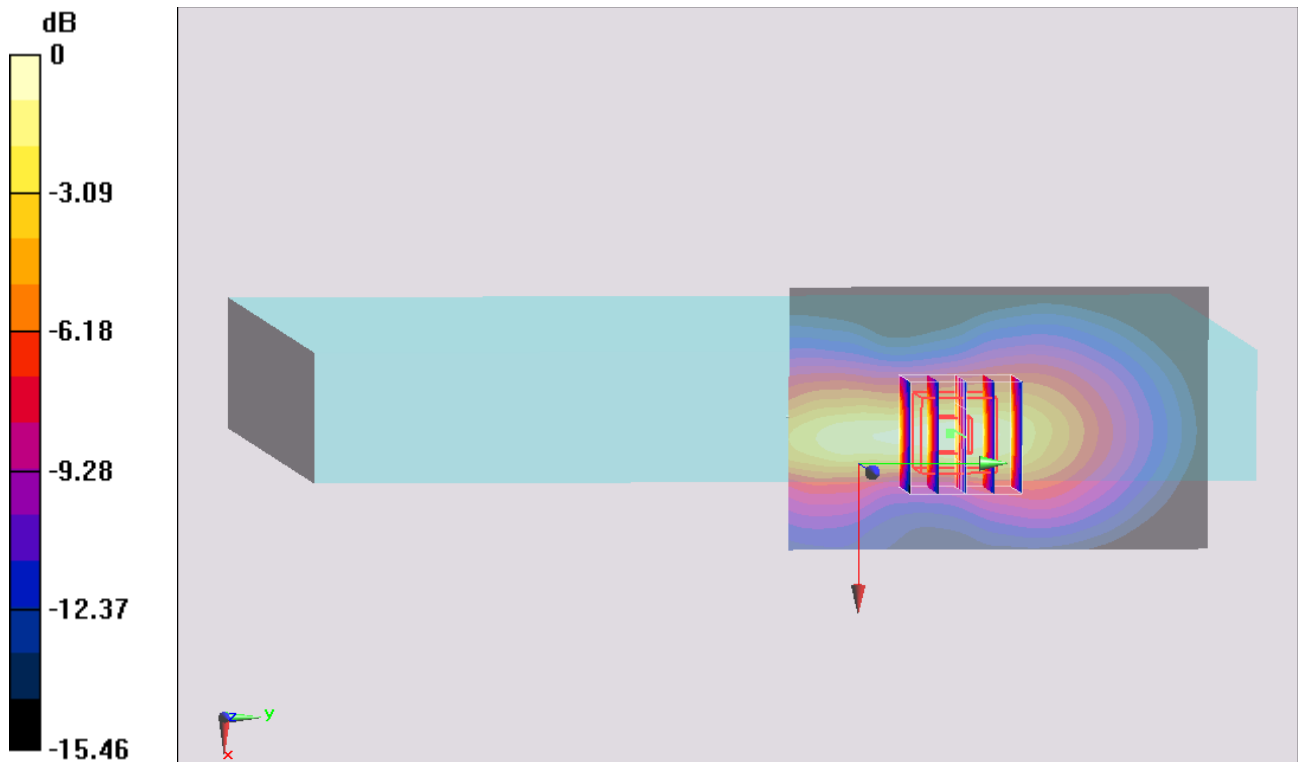
Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.858 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.258 W/kg ; SAR(10 g) = 0.136 W/kg

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



0 dB = $0.385 \text{ W/kg} = -4.15 \text{ dBW/kg}$

#02_CDMA BC1_RTAP 153.6Kbps_Edge1_0cm_Ch25

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

Medium: MSL_1900_141112 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.489$ S/m; $\epsilon_r = 53.059$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch25/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.365 W/kg

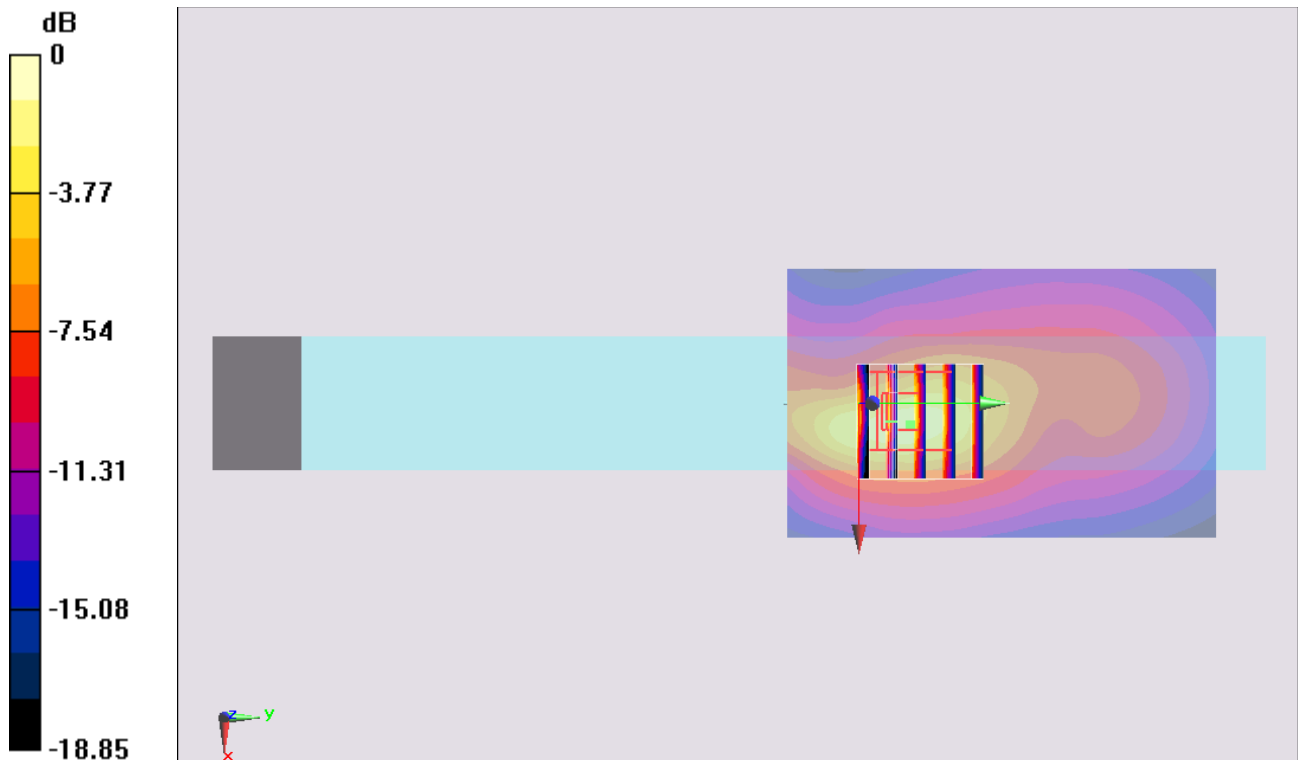
Configuration/Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.905 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.148 W/kg

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



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

#03_LTE Band 13_10M_QPSK_1RB_0offset_Edge1_0cm_Ch23230

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

Medium: MSL_750_141111 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.988 \text{ S/m}$; $\epsilon_r = 53.552$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.1, 10.1, 10.1); Calibrated: 2014/9/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch23230/Area Scan (51x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.660 W/kg

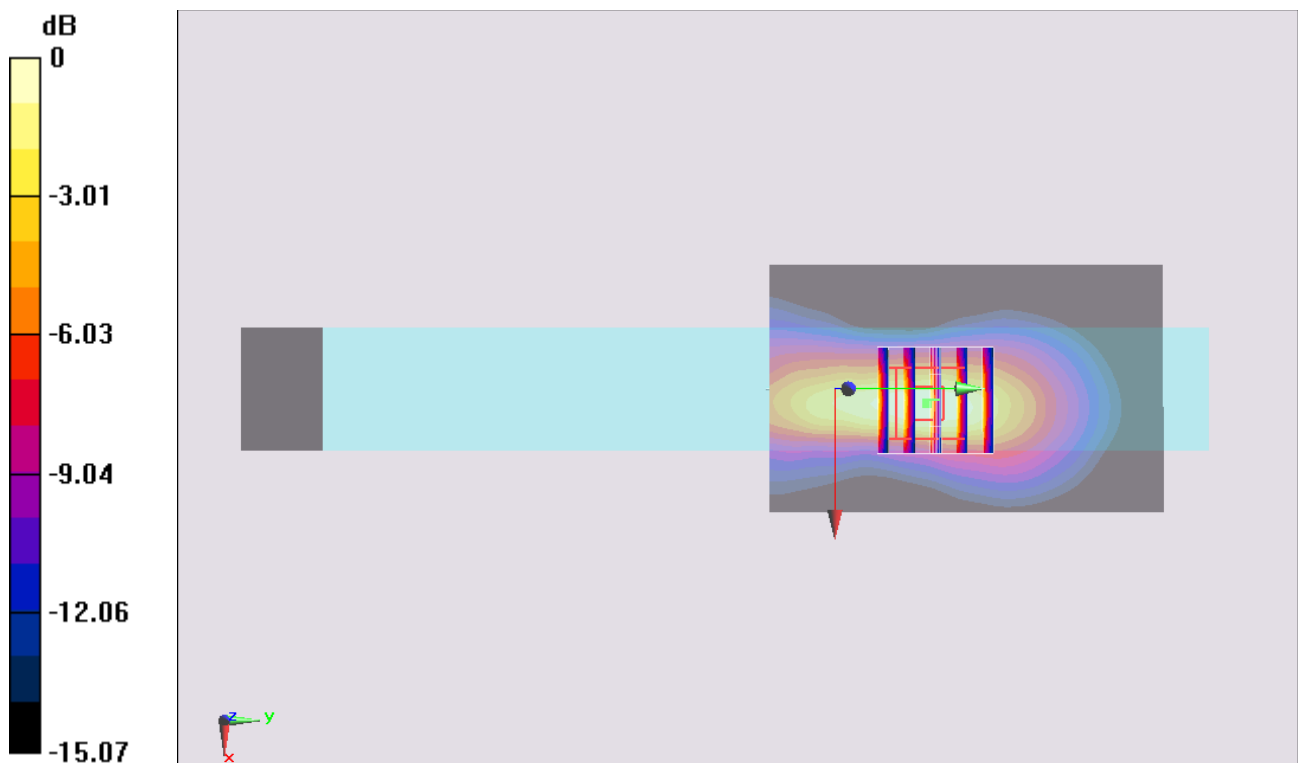
Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.345 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.437 W/kg ; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.627 W/kg



0 dB = $0.627 \text{ W/kg} = -2.03 \text{ dBW/kg}$

#04_LTE Band 4_20M_QPSK_50RB_0offset_Edge1_0cm_Ch20050

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

Medium: MSL_1750_141112 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 52.196$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/9/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Configuration/Ch20050/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.11 W/kg

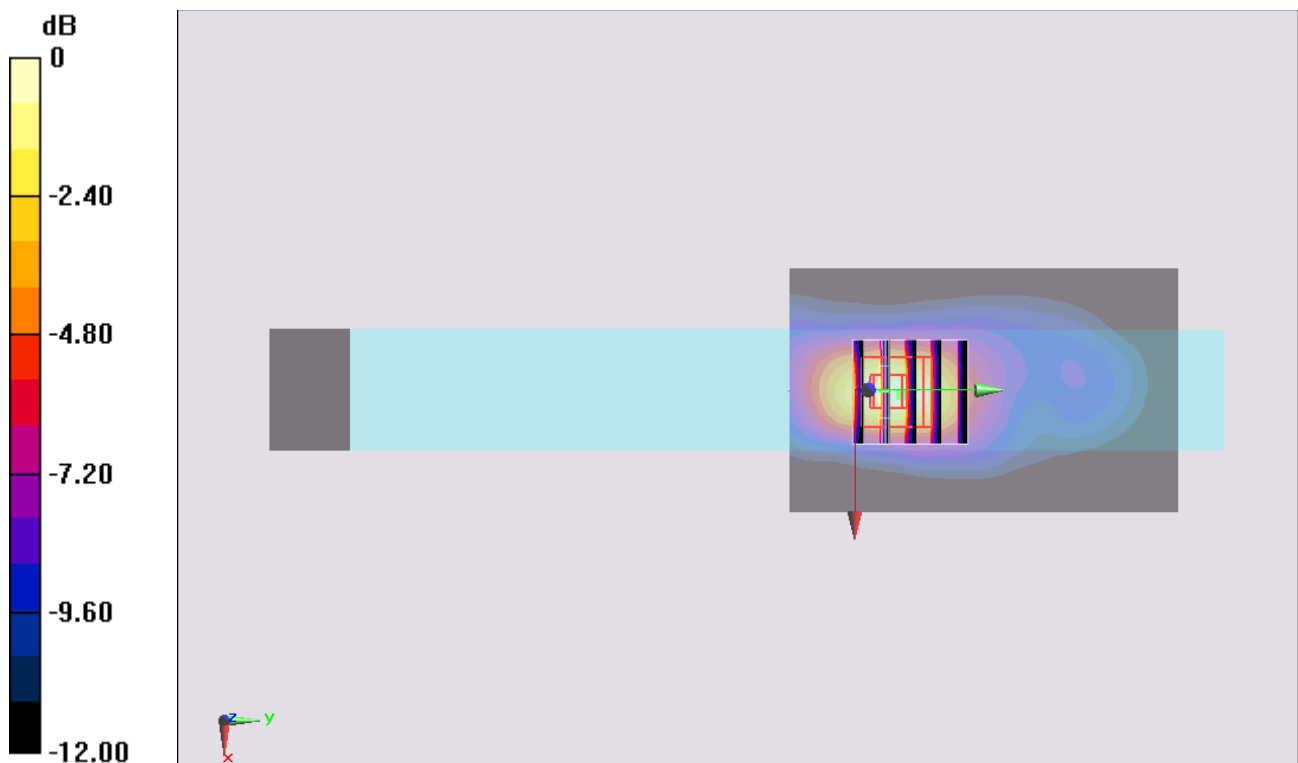
Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.114 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.423 W/kg

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



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