

#01_GSM850_GPRS (2 Tx slots)_Bottom - Slant of Edge 2_1.3cm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_130909 Medium parameters used: $f = 849$ MHz; $\sigma = 1.009$ mho/m; $\epsilon_r = 54.8$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (81x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.48 mW/g

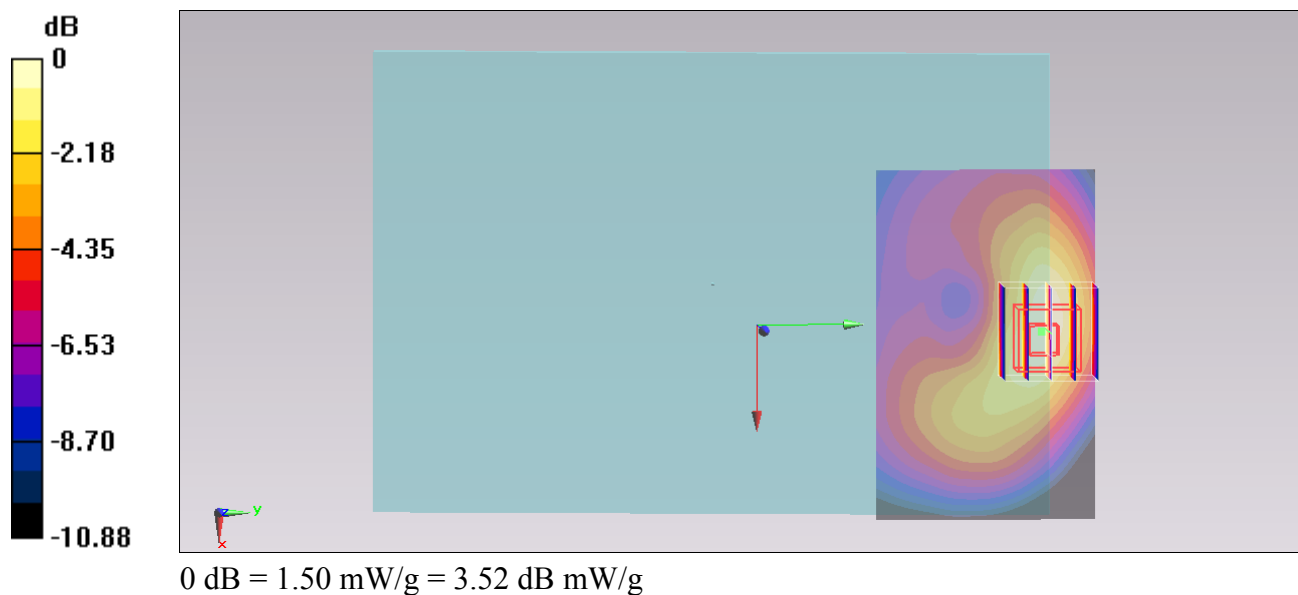
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.678 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.789 mW/g

SAR(1 g) = 1.16 mW/g ; SAR(10 g) = 0.775 mW/g

Maximum value of SAR (measured) = 1.50 mW/g



#02_GSM1900_GPRS (2 Tx slots)_Bottom - Slant of Edge 2_0cm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130912 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r = 52.764$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.38 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.533 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.071 mW/g

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.563 mW/g

Maximum value of SAR (measured) = 1.42 mW/g

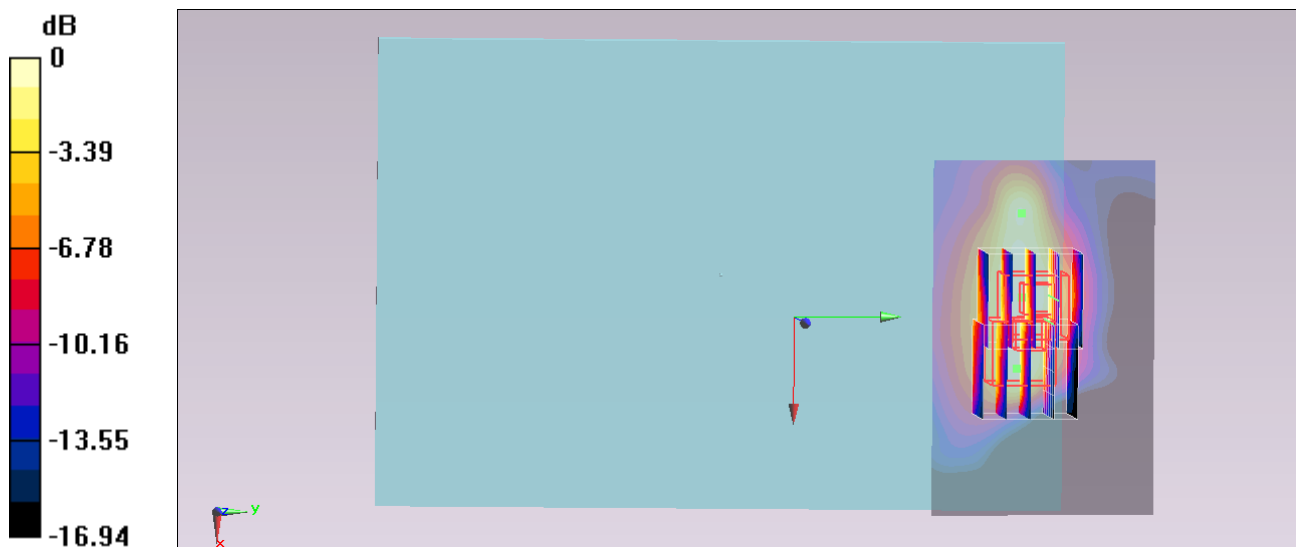
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.533 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.708 mW/g

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31 mW/g = 2.35 dB mW/g

#03_WCDMA V_RMC 12.2Kbps_Bottom - Slant of Edge 2_0cm_Ch4132

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

Medium: MSL_850_130909 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 54.958$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

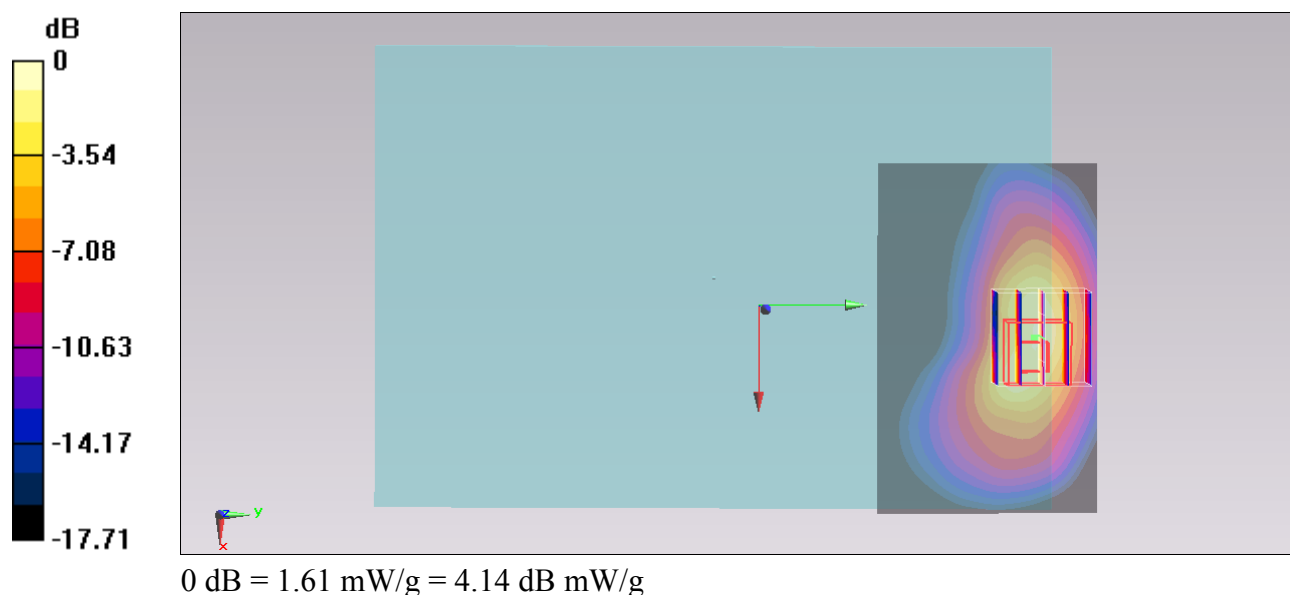
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.266 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.307 mW/g

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 1.61 mW/g



#04_WCDMA II_RMC 12.2Kbps_Bottom - Slant of Edge 2_0cm_Ch9538

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

Medium: MSL_1900_130912 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.533$ mho/m; $\epsilon_r = 52.774$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9538/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.91 mW/g

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.991 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.203 mW/g

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 1.75 mW/g

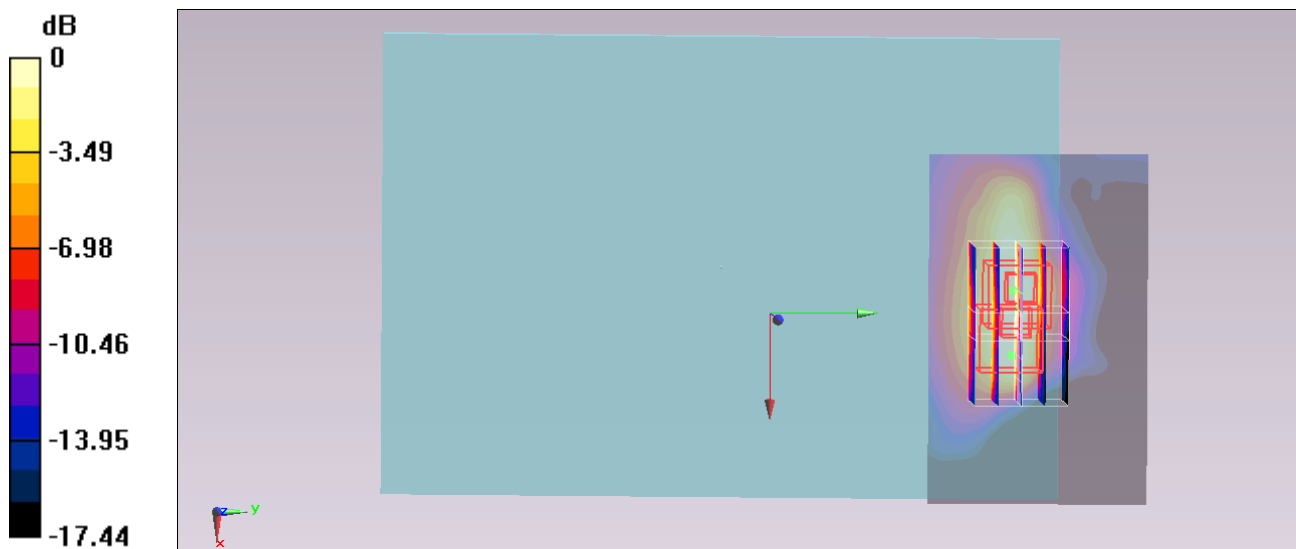
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.991 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.786 mW/g

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



#05_LTE Band 13_10M_QPSK_1RB_0Offset_Bottom - Slant of Edge 2_0cm_Ch23230

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

Medium: MSL_750_130911 Medium parameters used: $f = 782$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 54.613$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 mW/g

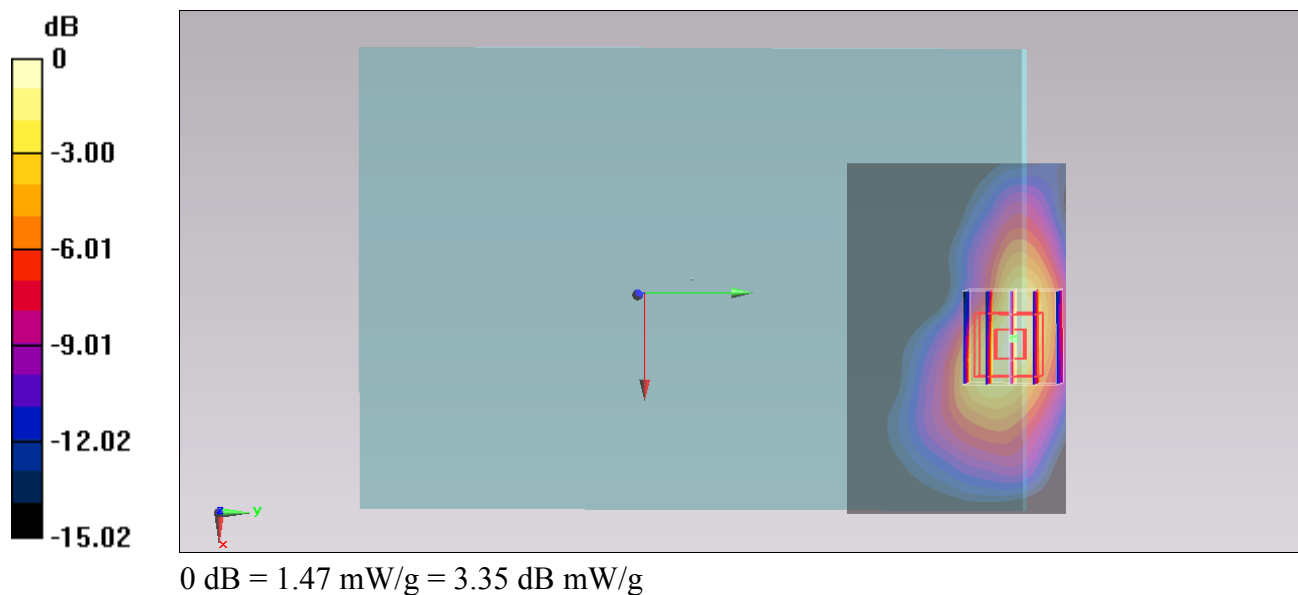
Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.124 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.977 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



#06_LTE Band 4_20M_QPSK_50RB_0Offset_Bottom - Slant of Edge 2_0cm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130911 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.468$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (81x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 mW/g

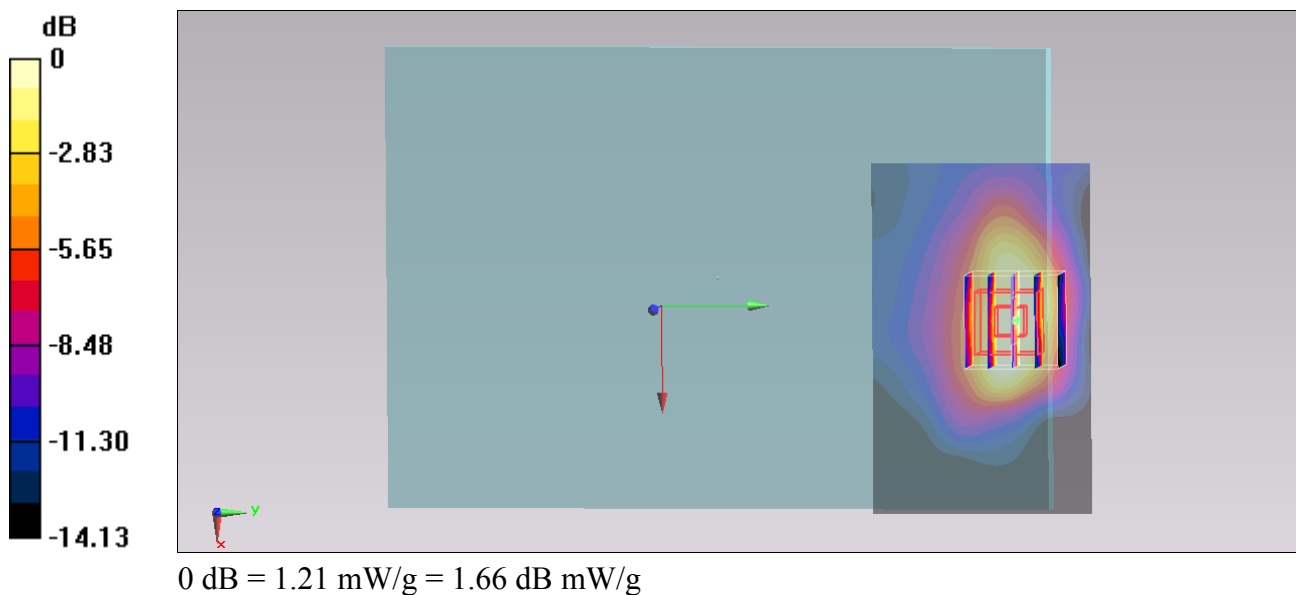
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.205 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.781 mW/g

SAR(1 g) = 1.037 mW/g; SAR(10 g) = 0.570 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



#07_WLAN2.4GHz_802.11b 1Mbps_Bottom - Slant of Edge 1_0cm_Ch1;Ant 1

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

Medium: MSL_2450_130729 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.963$ mho/m; $\epsilon_r = 53.939$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (61x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.93 mW/g

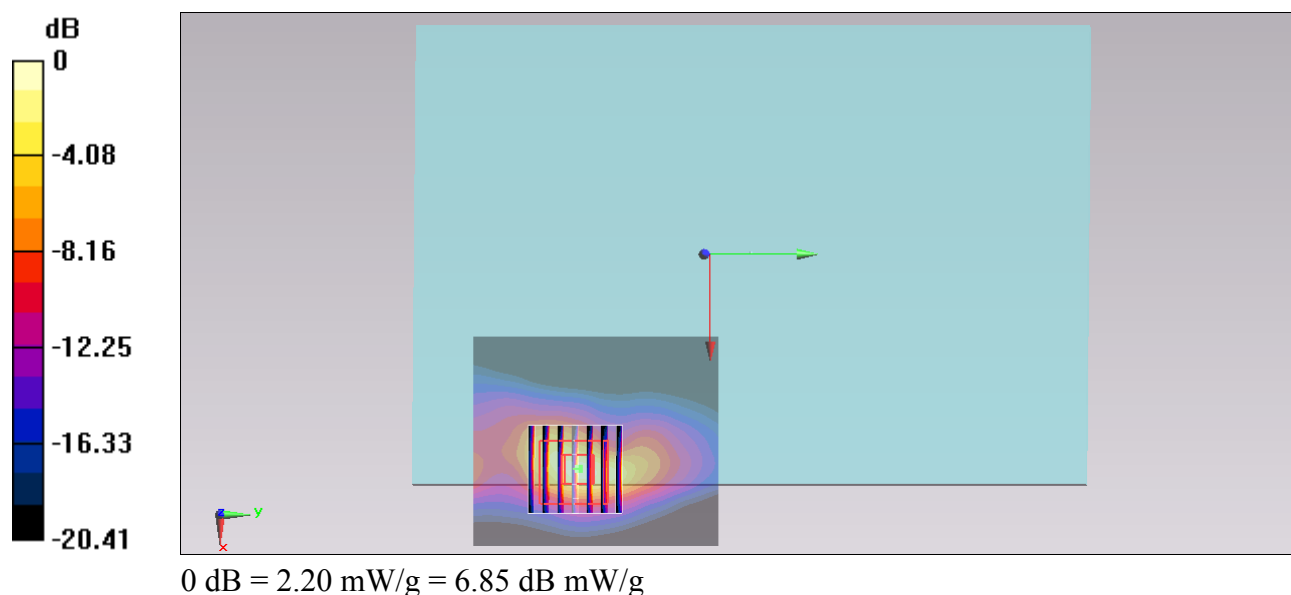
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.564 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.183 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 2.20 mW/g



#08_WLAN5GHz_802.11a 6Mbps_Bottom - Slant of Edge 4_0cm_Ch153;Ant 2

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.015

Medium: MSL_5G_130804 Medium parameters used : $f = 5765$ MHz; $\sigma = 6.074$ S/m; $\epsilon_r = 47.29$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch153/Area Scan (81x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.10 W/kg

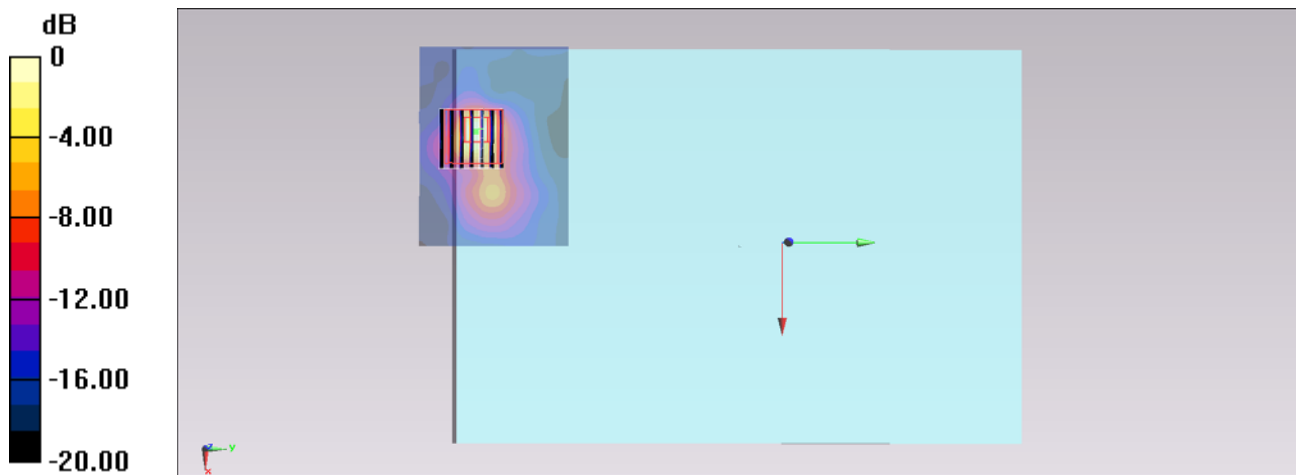
Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.261 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.72 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 3.35 W/kg



#09_WLAN5GHz_802.11a 6Mbps_Bottom - Slant of Edge 4_0cm_Ch40;Ant 2

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL_5G_130802 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.346$ S/m; $\epsilon_r = 47.813$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch40/Area Scan (81x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 3.41 W/kg

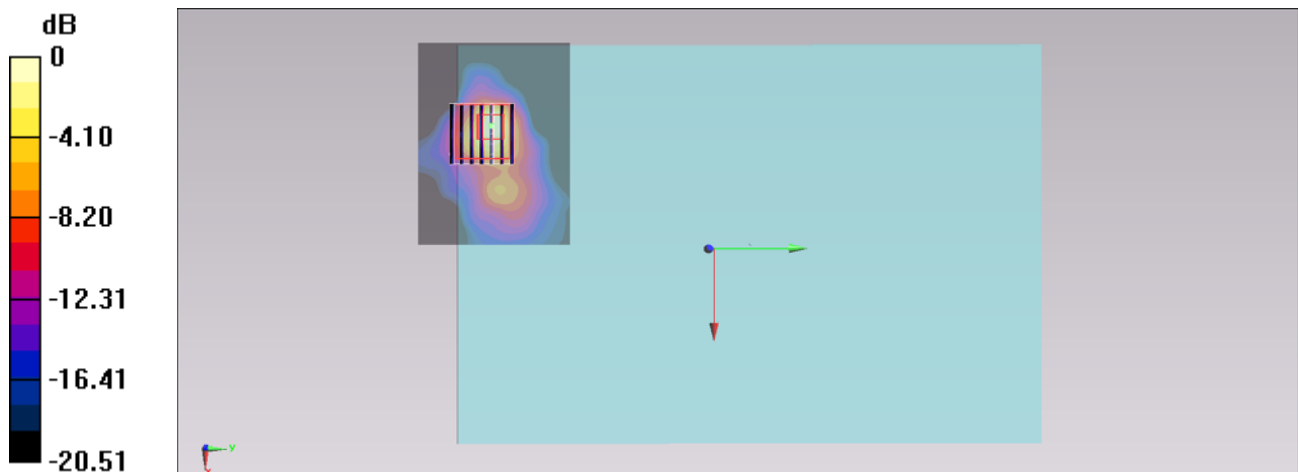
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 27.333 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.09 W/kg

SAR(1 g) = 1.19 W/kg ; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



$0 \text{ dB} = 3.00 \text{ W/kg} = 4.77 \text{ dBW/kg}$

#10_WLAN5GHz_802.11a 6Mbps_Bottom - Slant of Edge 4_0cm_Ch60;Ant 2

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.015

Medium: MSL_5G_130802 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.47$ S/m; $\epsilon_r = 47.643$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (81x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 3.63 W/kg

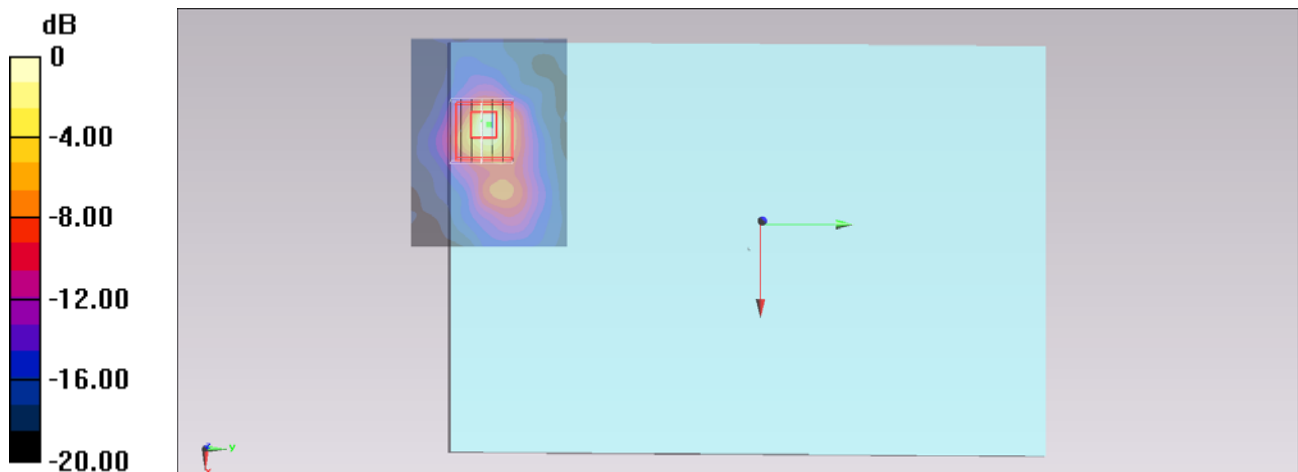
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 26.432 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.65 W/kg

SAR(1 g) = 1.16 W/kg ; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 2.92 W/kg



$0 \text{ dB} = 2.92 \text{ W/kg} = 4.65 \text{ dBW/kg}$

#11_WLAN5GHz_802.11a 6Mbps_Bottom - Slant of Edge 4_0cm_Ch116;Ant 2

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL_5G_130802 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.827$ S/m; $\epsilon_r = 47.205$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch116/Area Scan (81x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 3.80 W/kg

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 15.869 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.69 W/kg

SAR(1 g) = 1.28 W/kg ; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 3.42 W/kg

