

#01_GSM850_GPRS (2 Tx slots)_Edge 2_1.1cm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_130914 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.593$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9.13, 9.13, 9.13); Calibrated: 2013/6/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch128/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.30 W/kg

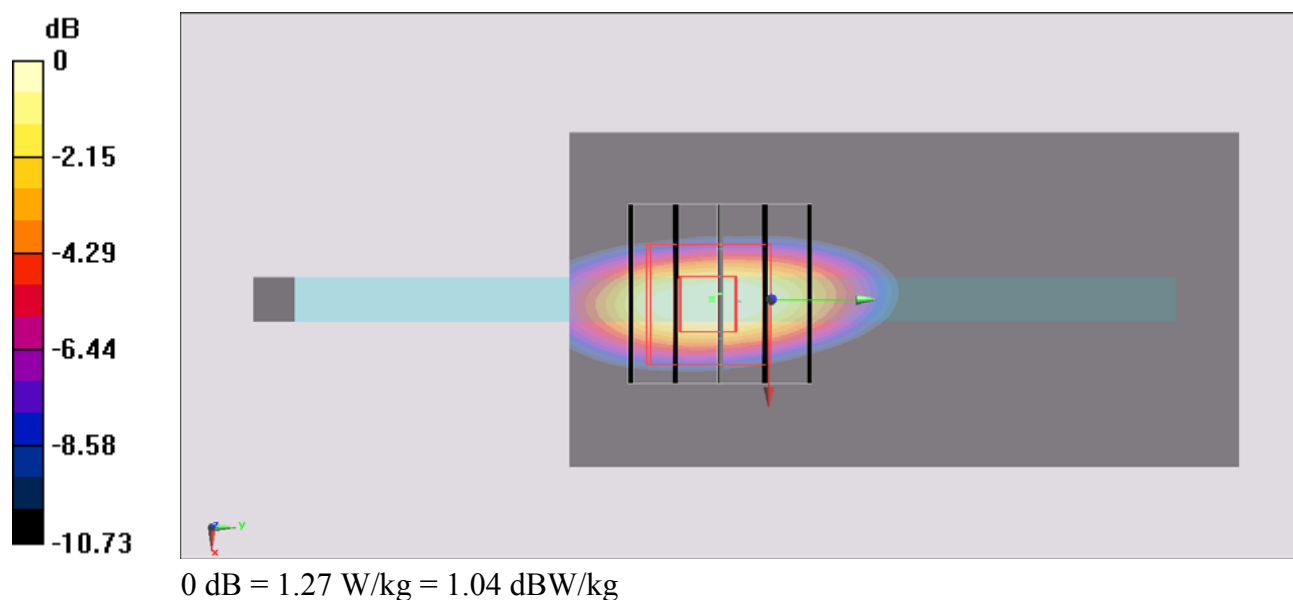
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 36.808 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.645 W/kg

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



#02_WCDMA V_RMC 12.2Kbps_Bottom - Slant of Edge 2_0cm_Ch4233

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

Medium: MSL_850_130914 Medium parameters used: $f = 847$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 54.449$; $\rho =$

1000 kg/m^3

Ambient Temperature : 23.4°C ; Liquid Temperature : 22.4°C

DASY5 Configuration:0

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (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/Ch4233/Area Scan (81x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

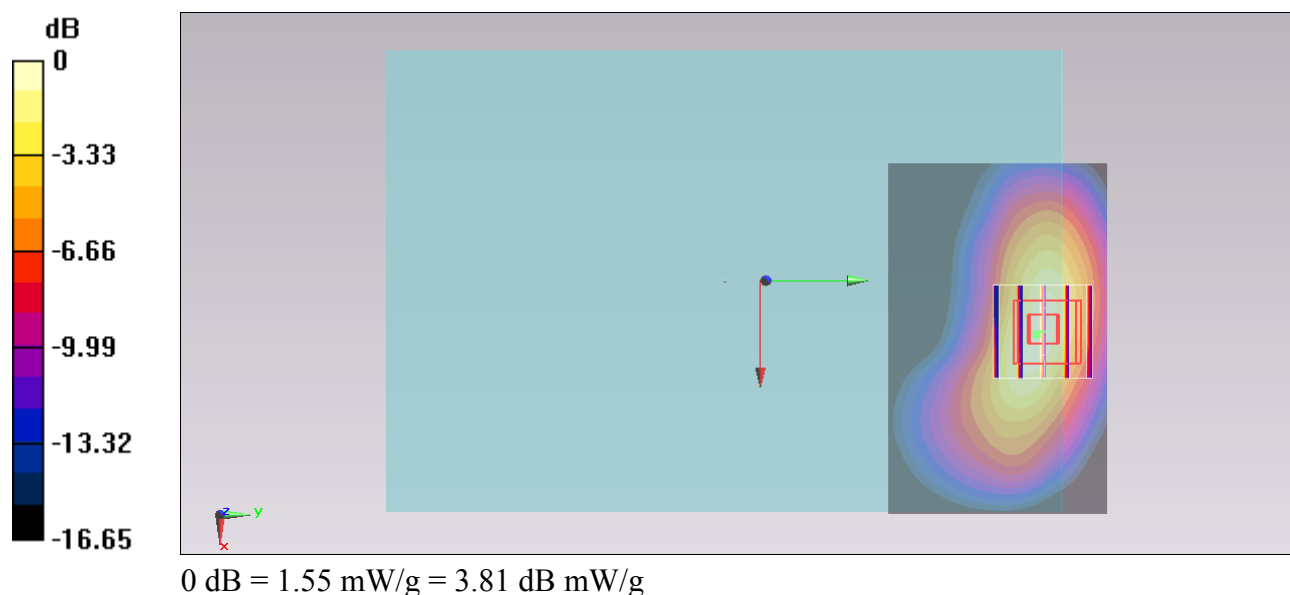
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 43.600 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.526 mW/g

SAR(1 g) = 1.14 mW/g ; SAR(10 g) = 0.618 mW/g

Maximum value of SAR (measured) = 1.55 mW/g



#03_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_130727 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.903$ S/m; $\epsilon_r = 53.925$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); 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: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1/Area Scan (61x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.66 W/kg

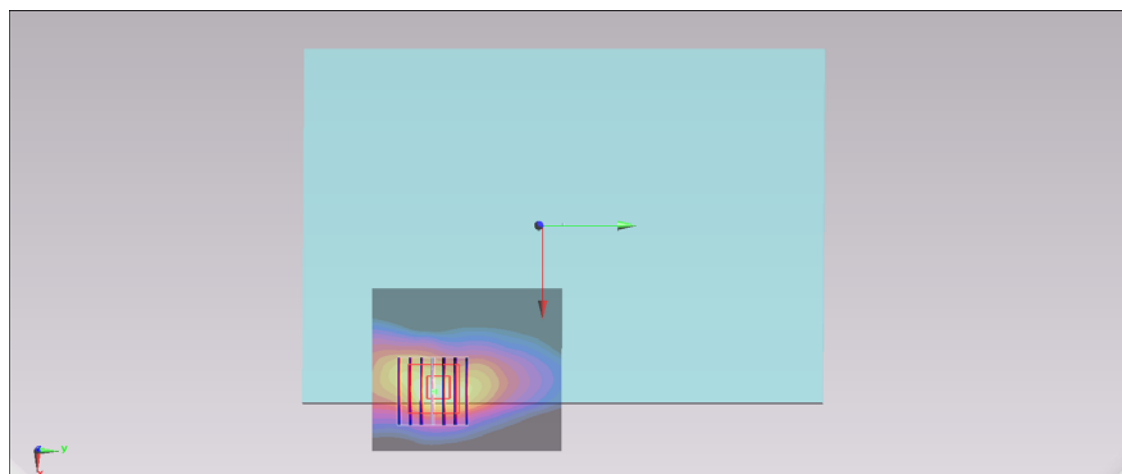
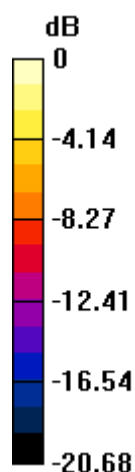
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.906 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.488 W/kg

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Bottom - Slant of Edge 4_0cm_Ch157;Ant 2

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL_5G_130802 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.103$ S/m; $\epsilon_r = 46.889$; $\rho =$

1000 kg/m^3

Ambient Temperature : 23.3°C ; Liquid Temperature : 22.3°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/Ch157/Area Scan (81x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 3.22 W/kg

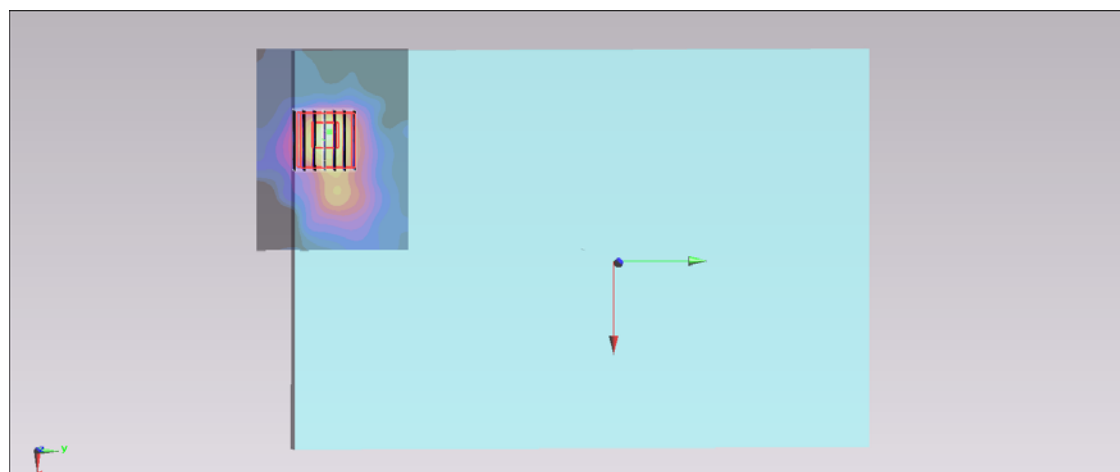
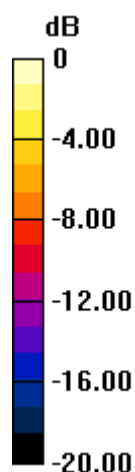
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 27.115 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 9.11 W/kg

SAR(1 g) = 1.22 W/kg ; SAR(10 g) = 0.279 W/kg

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



$0 \text{ dB} = 3.35 \text{ W/kg} = 5.25 \text{ dBW/kg}$

#05_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) = 3.37 W/kg

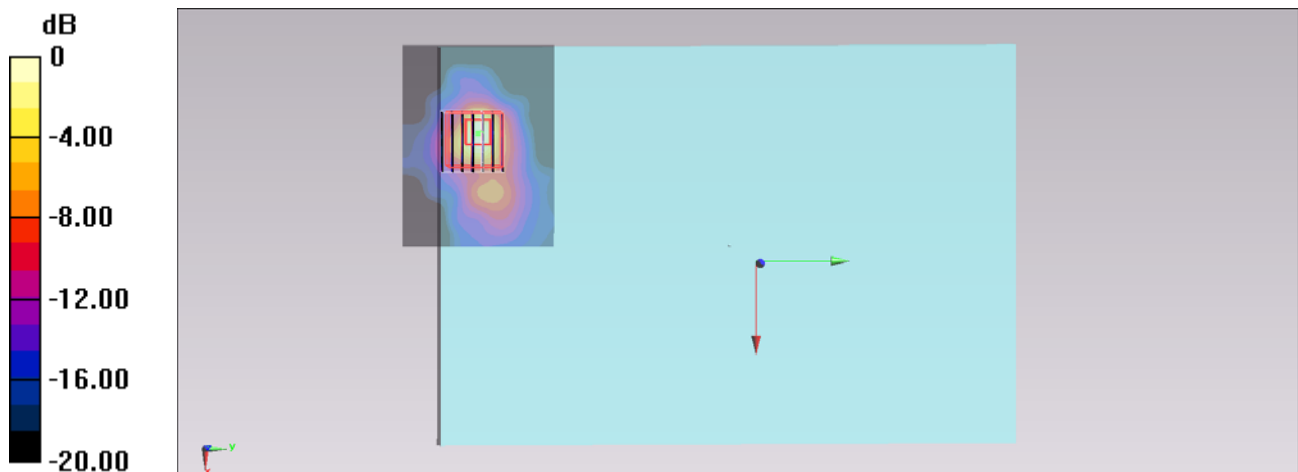
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 25.114 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.81 W/kg

SAR(1 g) = 1.22 W/kg ; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 3.33 W/kg



$0 \text{ dB} = 3.33 \text{ W/kg} = 5.22 \text{ dBW/kg}$

#06_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) = 4.00 W/kg

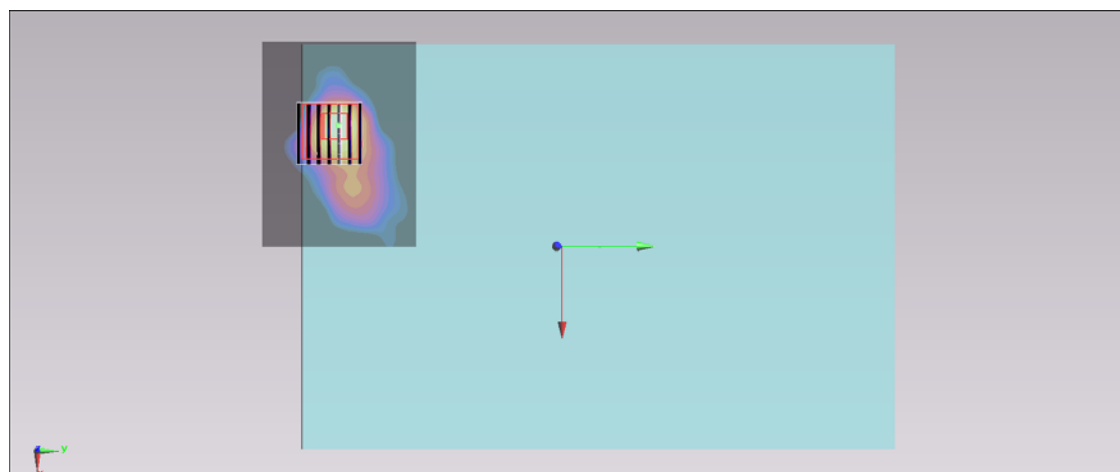
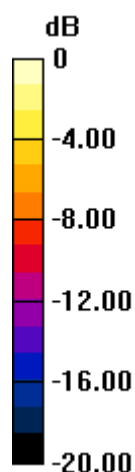
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 27.213 V/m ; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 5.31 W/kg

SAR(1 g) = 1.29 W/kg ; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 3.24 W/kg



0 dB = 3.24 W/kg = 5.11 dBW/kg

#07_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; $\sigma = 5.827$ mho/m; $\epsilon_r = 47.205$; $\rho =$

1000 kg/m³

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): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 4.06 mW/g

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

Reference Value = 23.985 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.318 mW/g

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 3.17 mW/g

