

#01 GSM850_GPRS10_Bottom_1.5cm_Ch128

DUT: 121601

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_835_110301 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: QDOVA001BA; Serial: 1079
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.547 mW/g

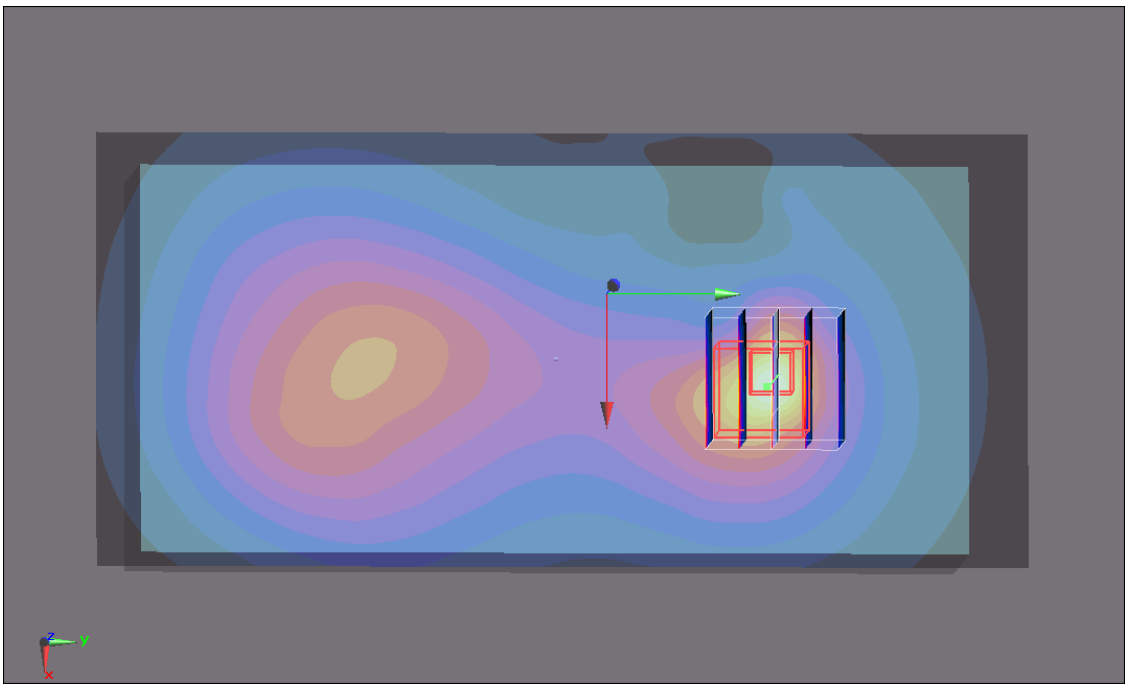
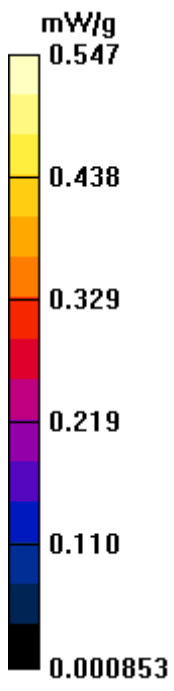
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.541 mW/g



#01 GSM850_GPRS10_Bottom_1.5cm_Ch128_2D

DUT: 121601

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_835_110301 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 54.5$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: QDOVA001BA; Serial: 1079
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.547 mW/g

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

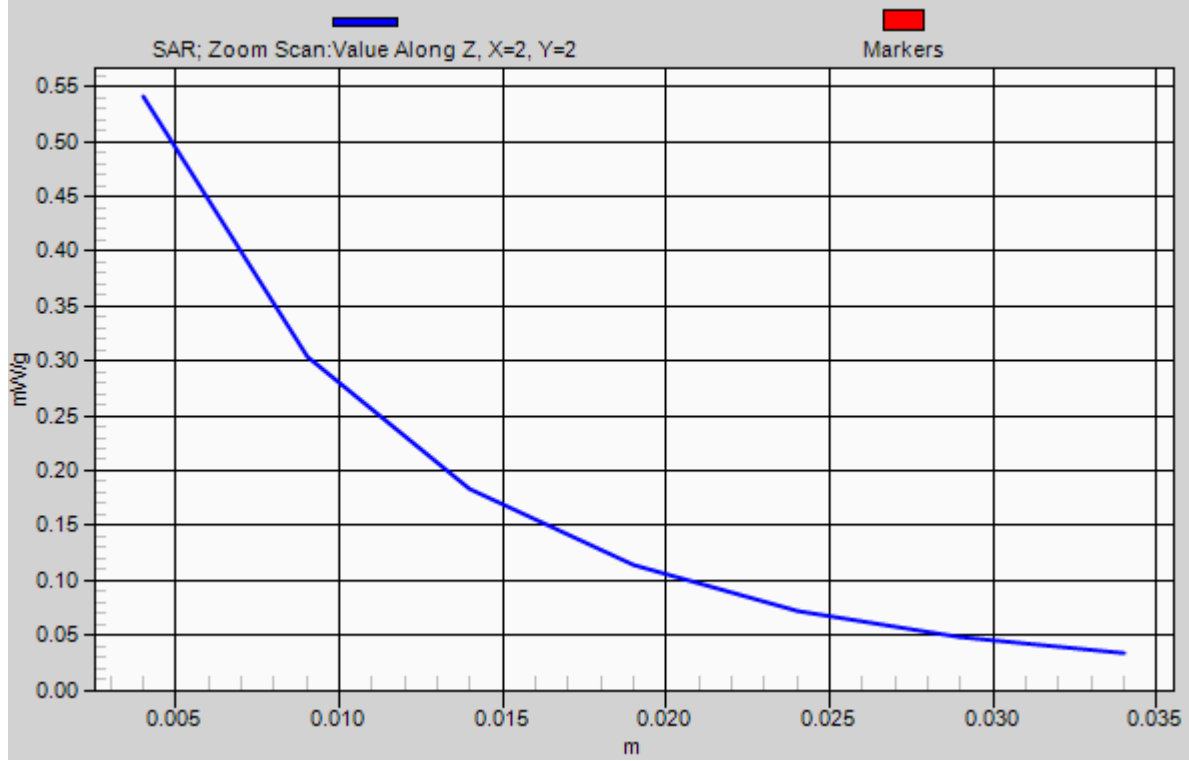
Reference Value = 14.5 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.541 mW/g

1g/10g Averaged SAR



#02 GSM1900_GPRS10_Bottom_1.5cm_Ch512

DUT: 121601

Communication System: GPRS/EDGE 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110301 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.7$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: QDOVA001BA; Serial: 1079
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.340 mW/g

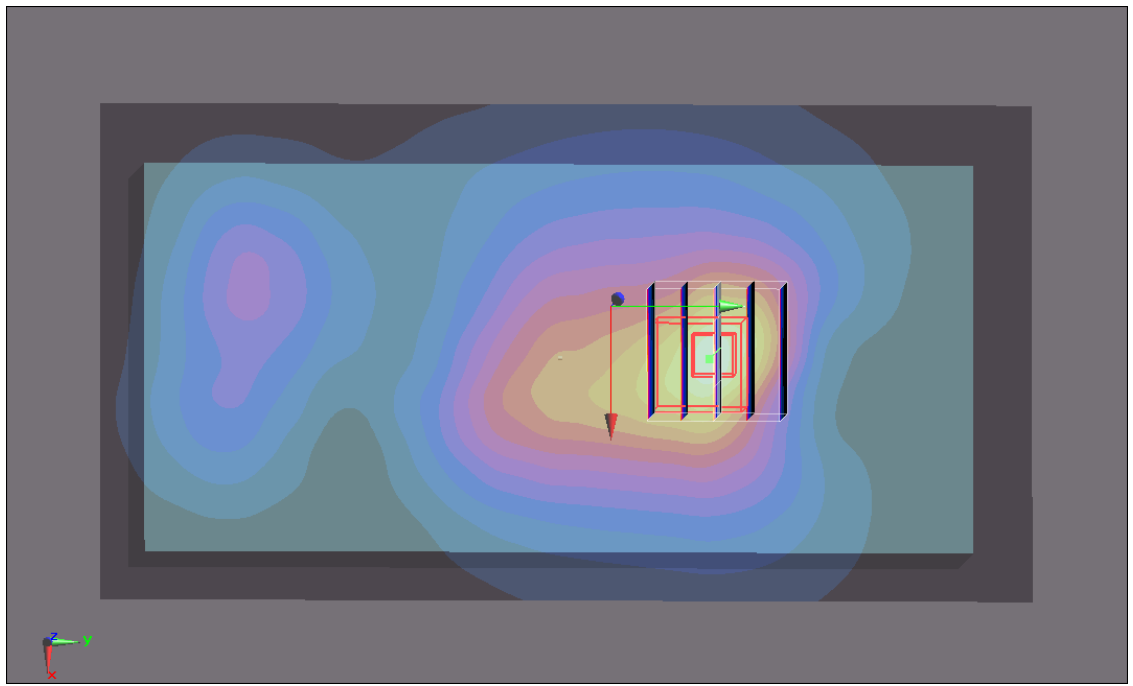
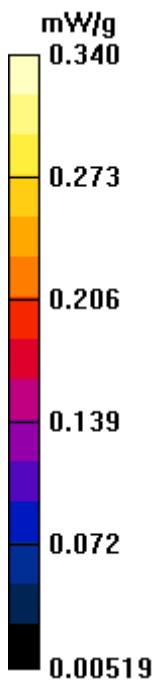
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.327 mW/g



#02 GSM1900_GPRS10_Bottom_1.5cm_Ch512_2D

DUT: 121601

Communication System: GPRS/EDGE 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL_1900_110301 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: QDOVA001BA; Serial: 1079
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.340 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.327 mW/g

1g/10g Averaged SAR

