

#01 GSM850_GPRS10_Front_1cm_Ch128

DUT: 102209

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120217 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 mW/g

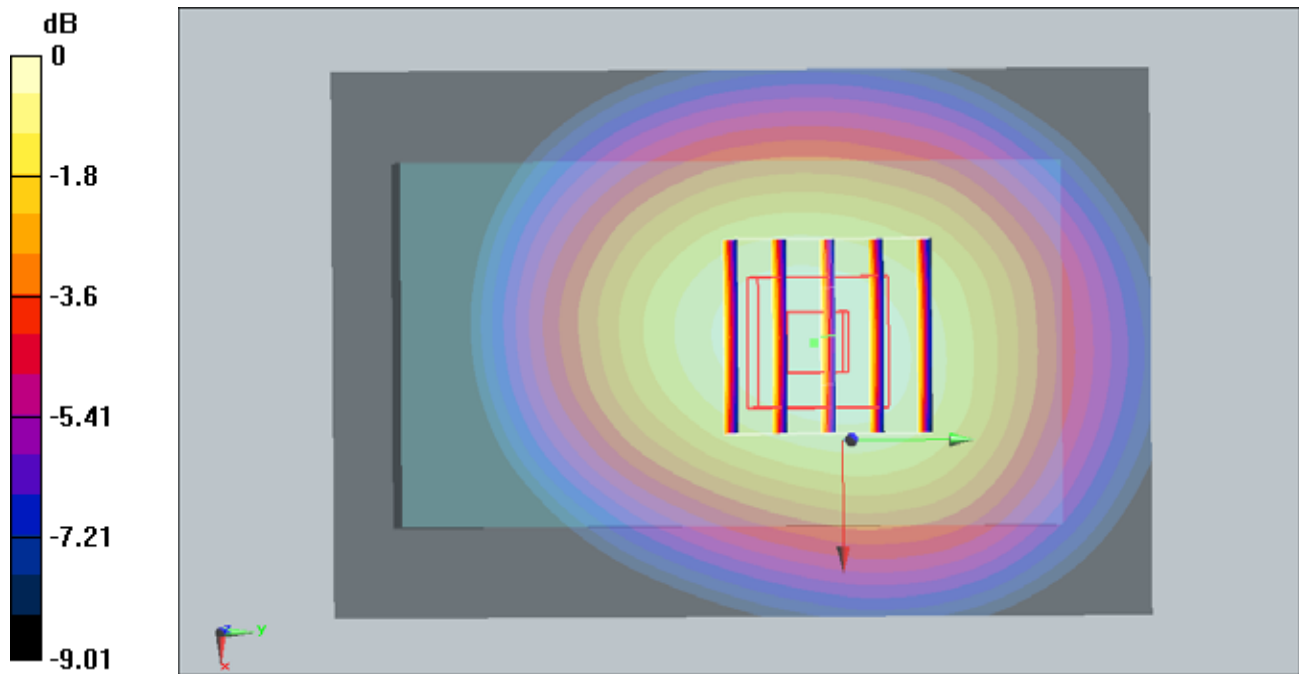
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.7 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.853 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

#02 GSM850_GPRS10_Back_1cm_Ch128

DUT: 102209

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120217 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

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

Reference Value = 35.3 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.903 mW/g

Maximum value of SAR (measured) = 1.33 mW/g

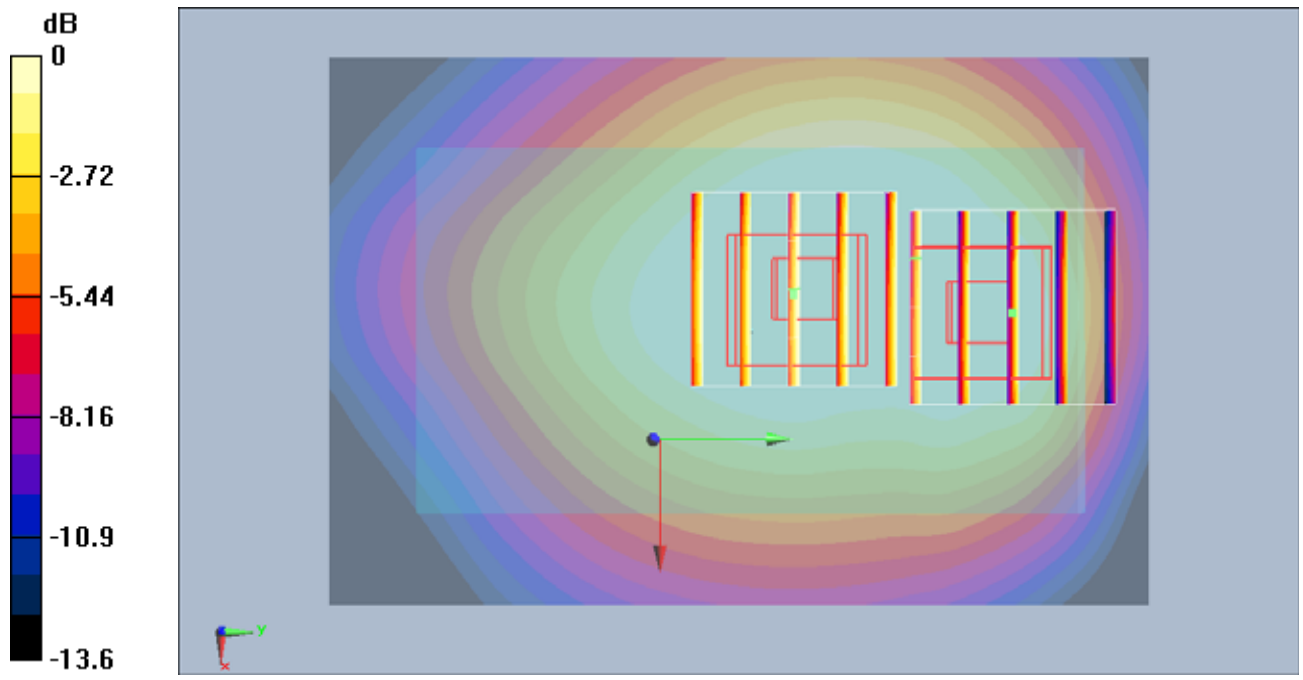
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.3 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.647 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#02 GSM850_GPRS10_Back_1cm_Ch128_2D

DUT: 102209

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120217 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

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

Reference Value = 35.3 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.903 mW/g

Maximum value of SAR (measured) = 1.33 mW/g

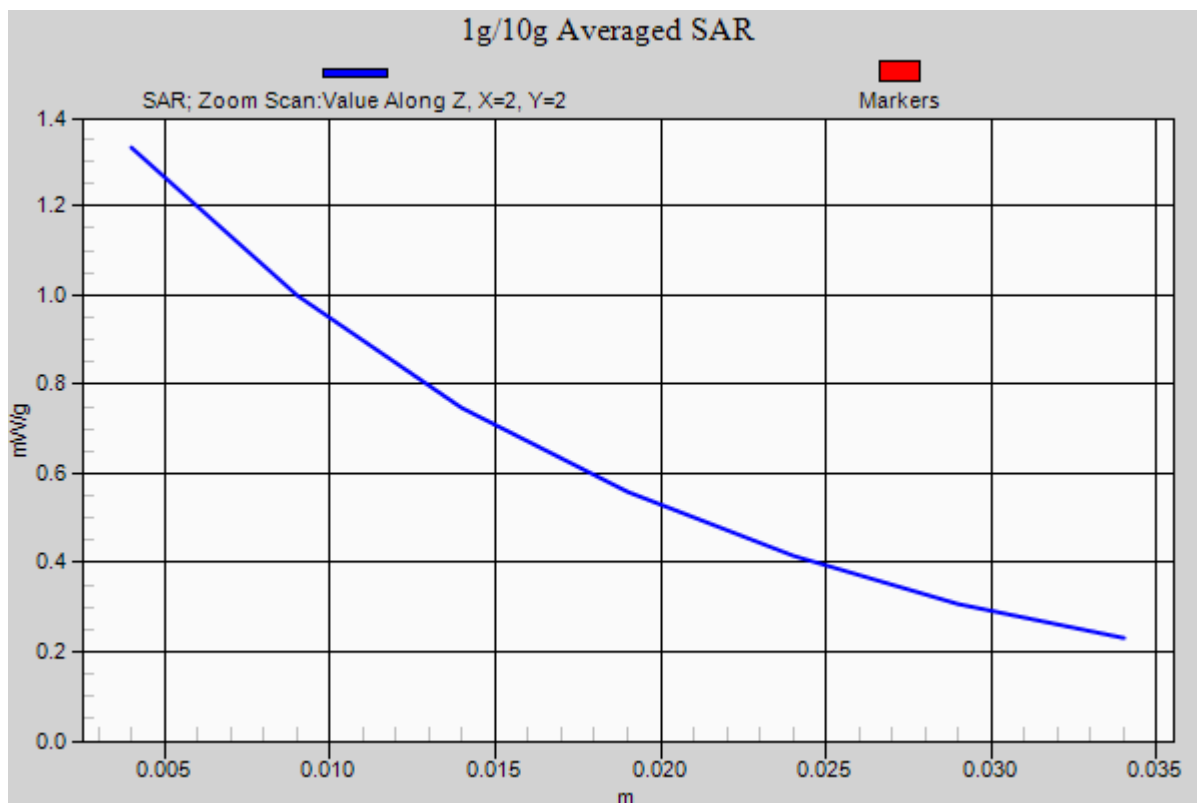
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.3 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.647 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#03 GSM850_GPRS10_Left Side_1cm_Ch128

DUT: 102209

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120218 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.740 mW/g

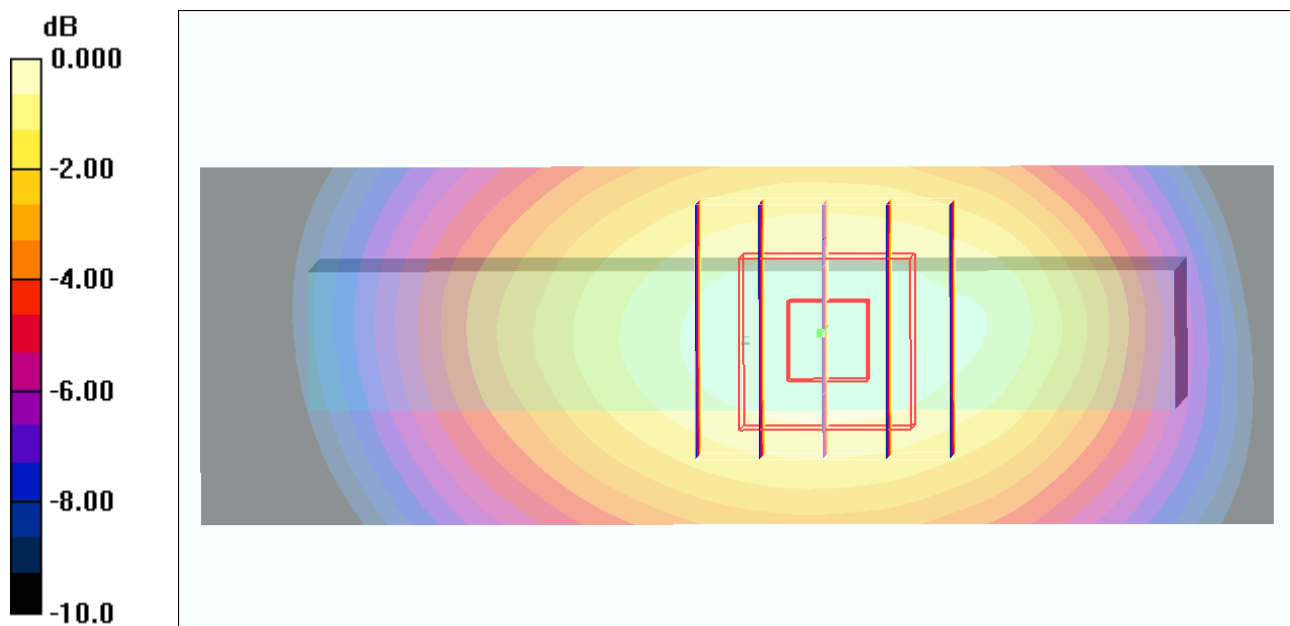
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.6 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.899 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.746 mW/g



0 dB = 0.746mW/g

#04 GSM850_GPRS10_Right Side_1cm_Ch128

DUT: 102209

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120218 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.810 mW/g

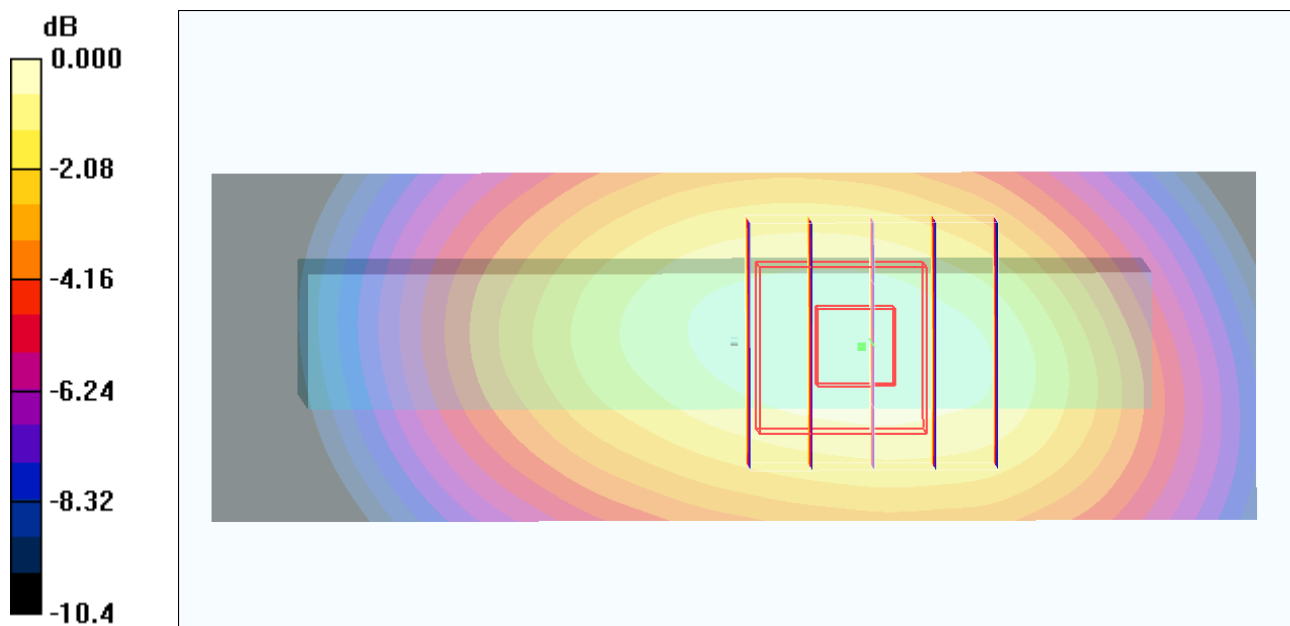
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.526 mW/g

Maximum value of SAR (measured) = 0.820 mW/g



0 dB = 0.820mW/g

#05 GSM850_GPRS10_Top Side_1cm_Ch128

DUT: 102209

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120218 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

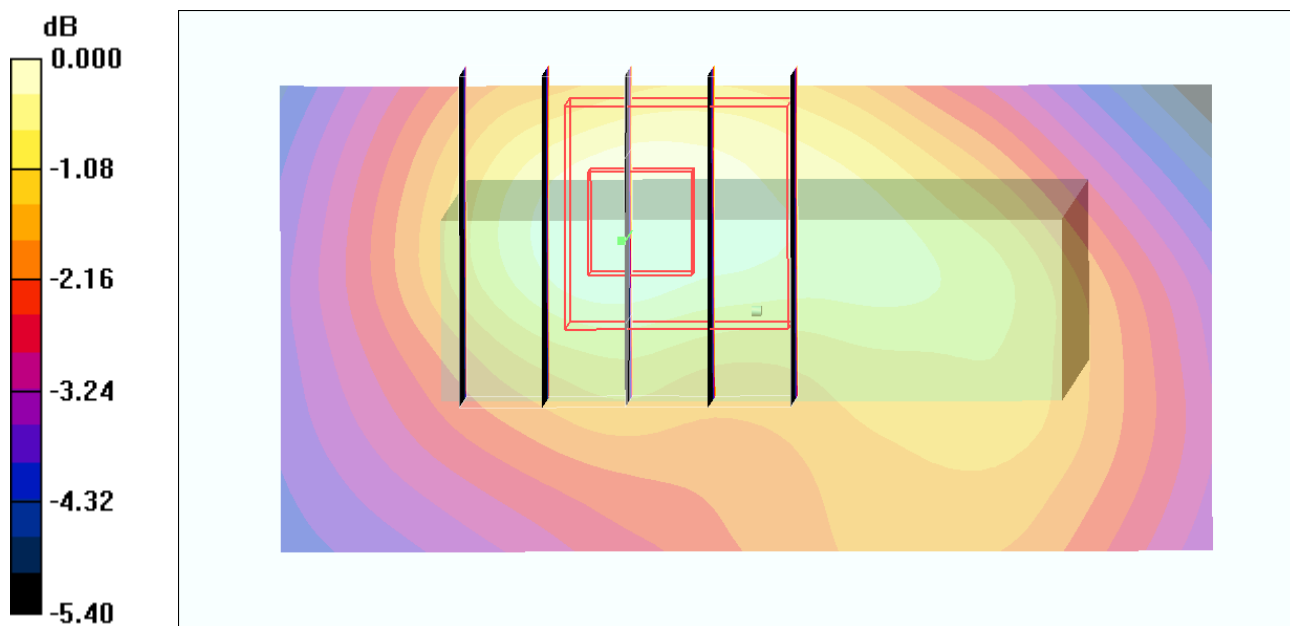
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.171 mW/g



0 dB = 0.171mW/g

#06 GSM850_GPRS10_Bottom Side_1cm_Ch128

DUT: 102209

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120218 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.065 mW/g

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

Reference Value = 8.63 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.084 mW/g

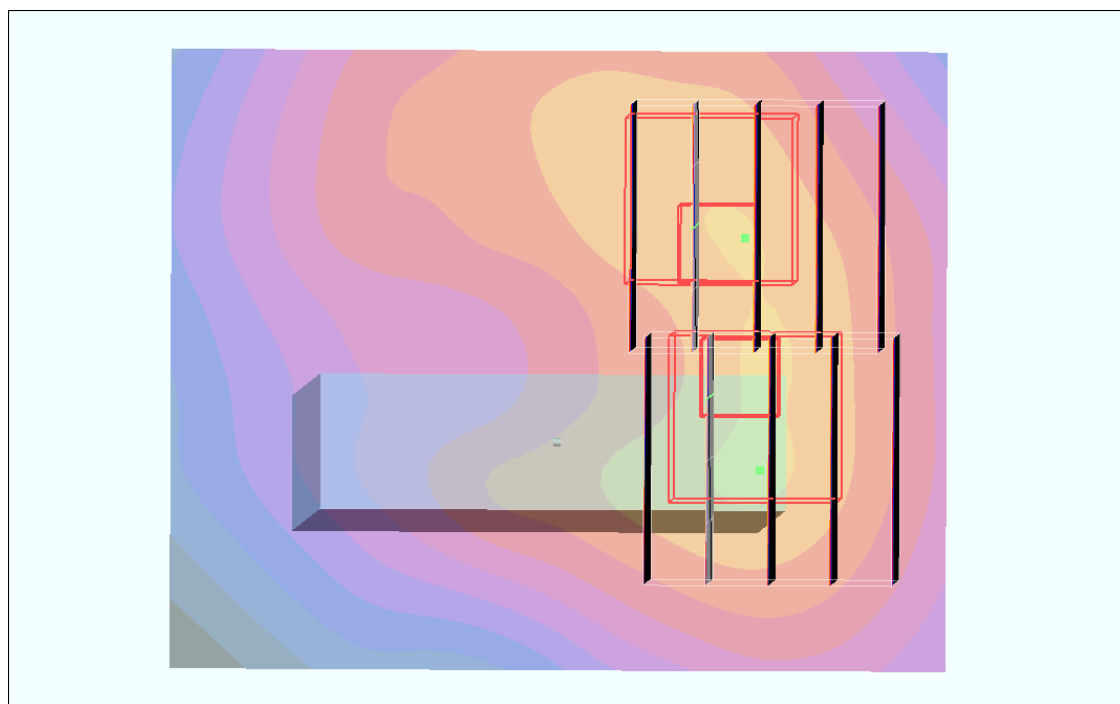
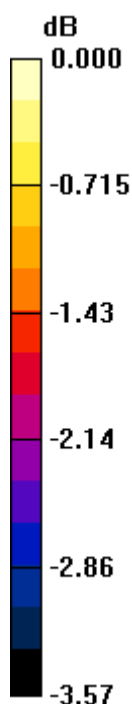
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.63 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.085mW/g

#07 GSM850_GPRS10_Front_1cm_Ch189

DUT: 102209

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_120217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.861 mW/g

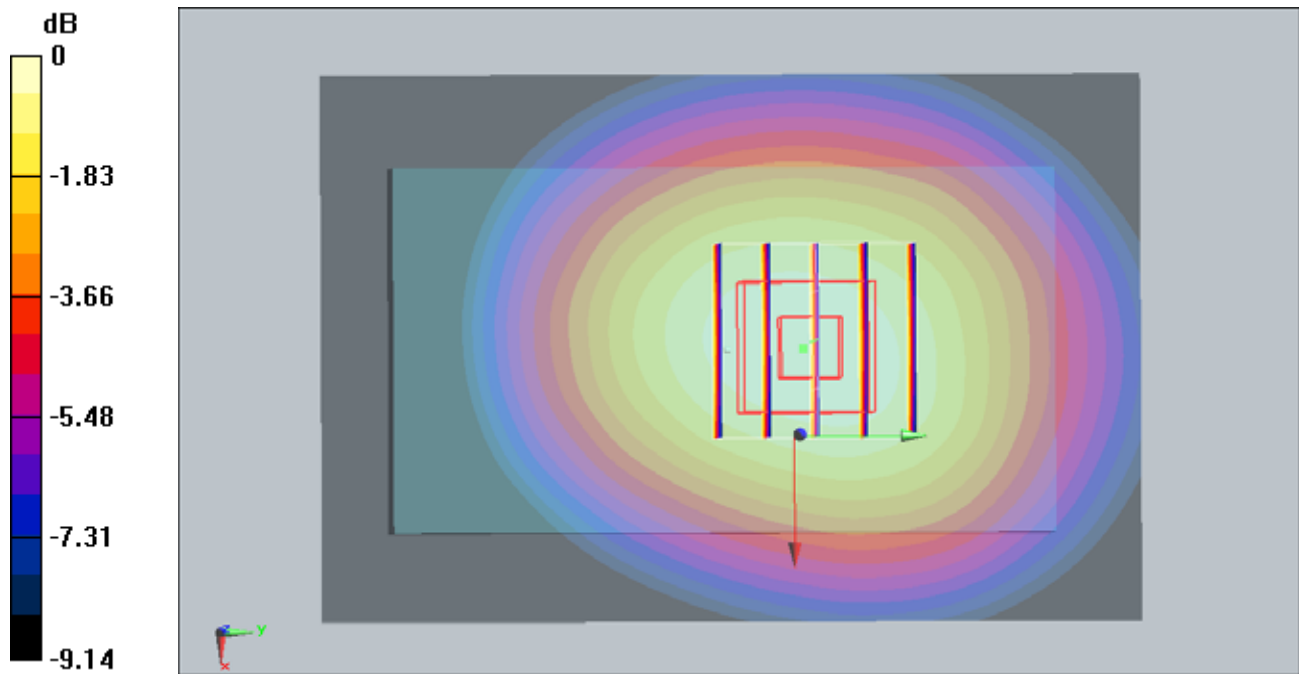
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = 0.00381 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.599 mW/g

Maximum value of SAR (measured) = 0.865 mW/g



0 dB = 0.865mW/g

#08 GSM850_GPRS10_Front_1cm_Ch251

DUT: 102209

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_120217 Medium parameters used: $f = 849$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.809 mW/g

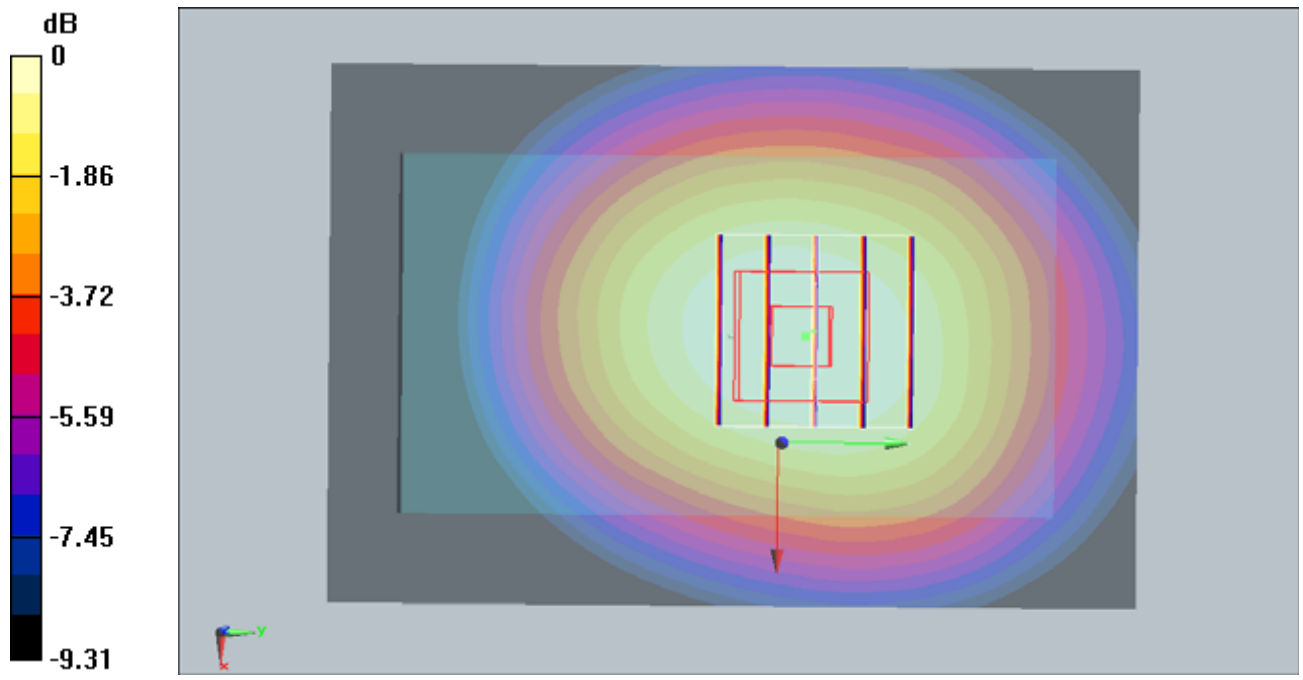
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.763 mW/g



#09 GSM850_GPRS10_Back_1cm_Ch189

DUT: 102209

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_120217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.12 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.3 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.726 mW/g

Maximum value of SAR (measured) = 1.05 mW/g

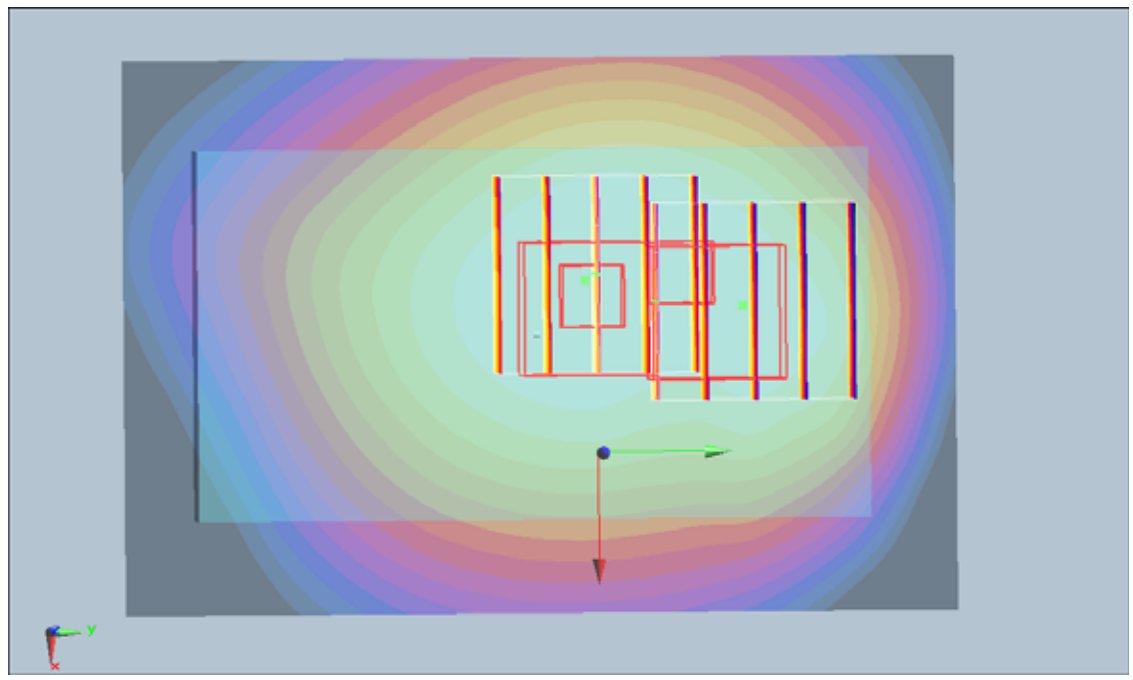
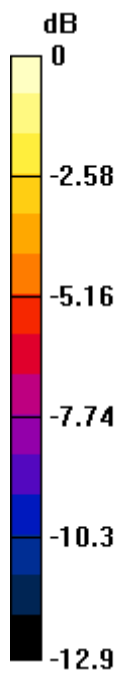
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.3 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 0.986 mW/g



0 dB = 0.986mW/g

#10 GSM850_GPRS10_Back_1cm_Ch251

DUT: 102209

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_120218 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.932 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.625 mW/g

Maximum value of SAR (measured) = 0.935 mW/g

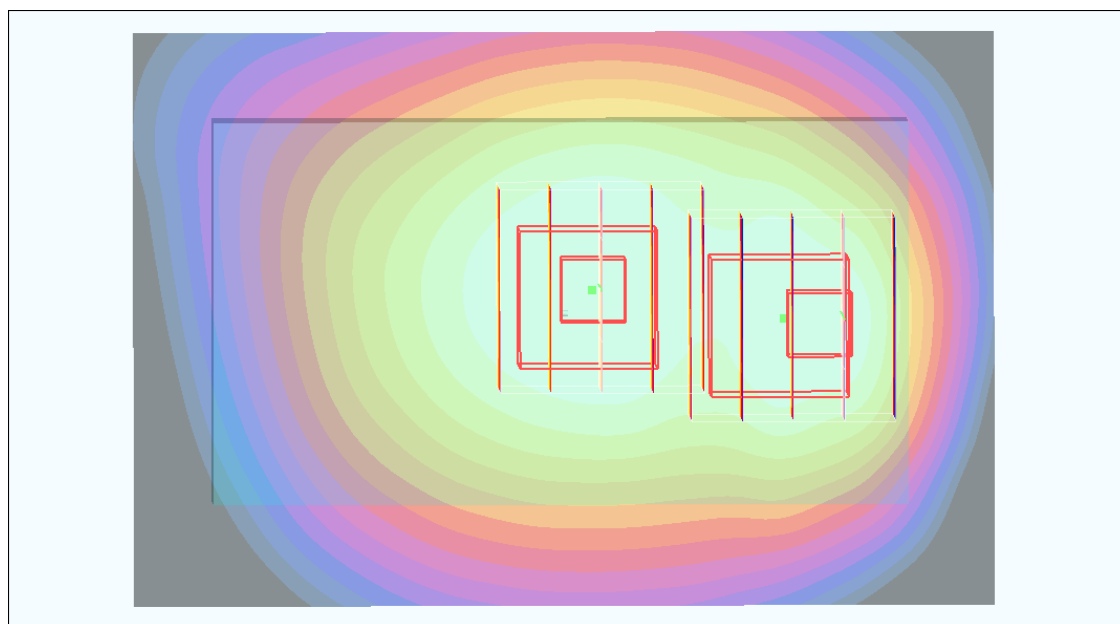
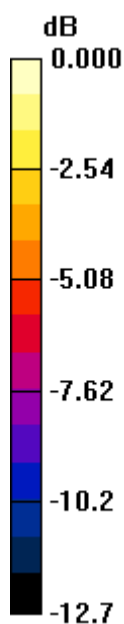
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.830 mW/g



0 dB = 0.830mW/g