

Test Laboratory: UL CCS SAR Lab C

GSM850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.342$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Lap Held/M-Ch/Area Scan (141x161x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.022 mW/g

Bottom Lap Held/M-Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

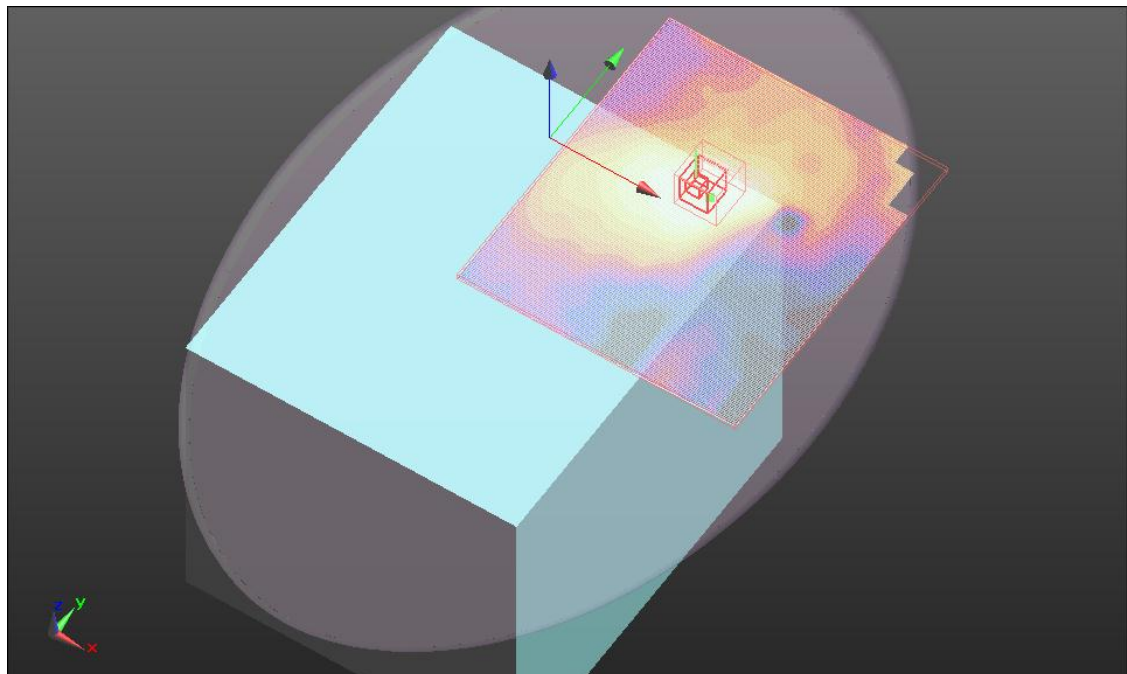
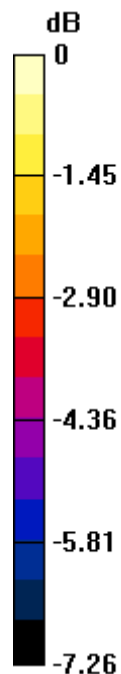
Reference Value = 4.827 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.015 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.022 mW/g



0 dB = 0.020mW/g

Test Laboratory: UL CCS SAR Lab C

GSM1900

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 1880 MHz; Duty Cycle: 1:4.00037
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r = 51.996$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(6.76, 6.76, 6.76); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Lap Held/M-Ch/Area Scan (141x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.012 mW/g

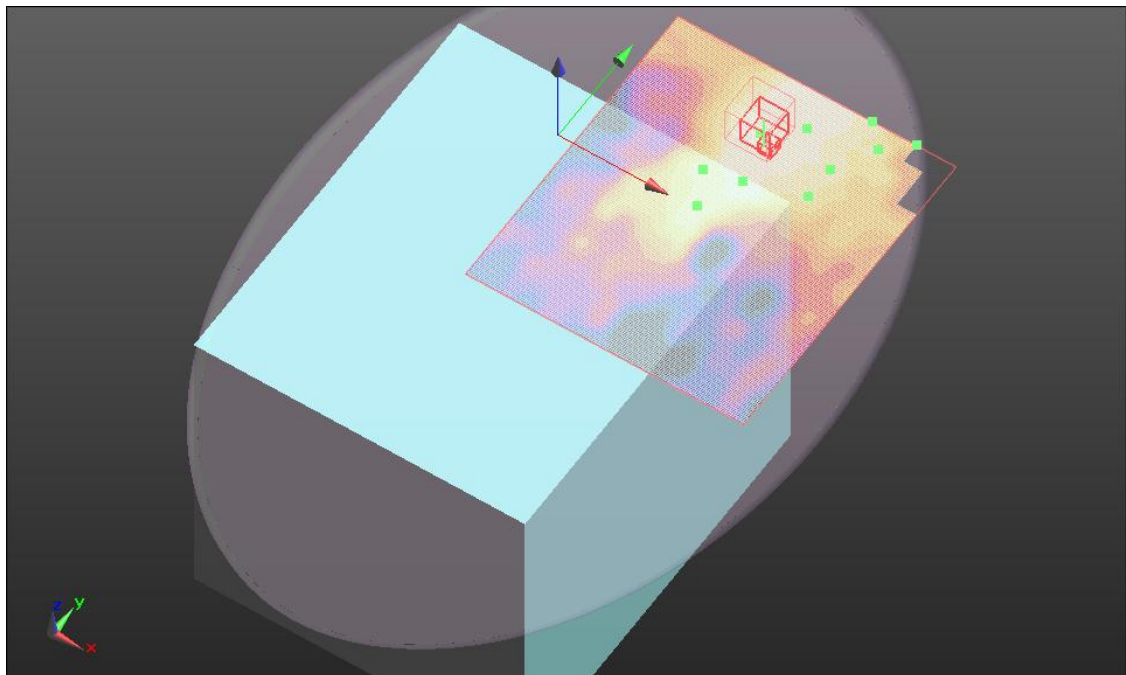
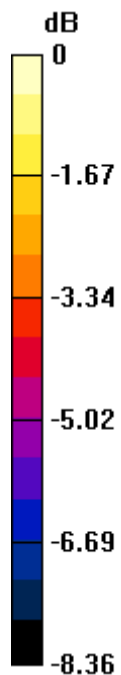
Bottom Lap Held/M-Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.710 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00973 mW/g; SAR(10 g) = 0.00679 mW/g

Maximum value of SAR (measured) = 0.012 mW/g



0 dB = 0.010mW/g

Test Laboratory: UL CCS SAR Lab C

GSM850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.342$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Tablet/M-Ch/Area Scan (141x161x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.144 mW/g

Bottom Tablet/M-Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

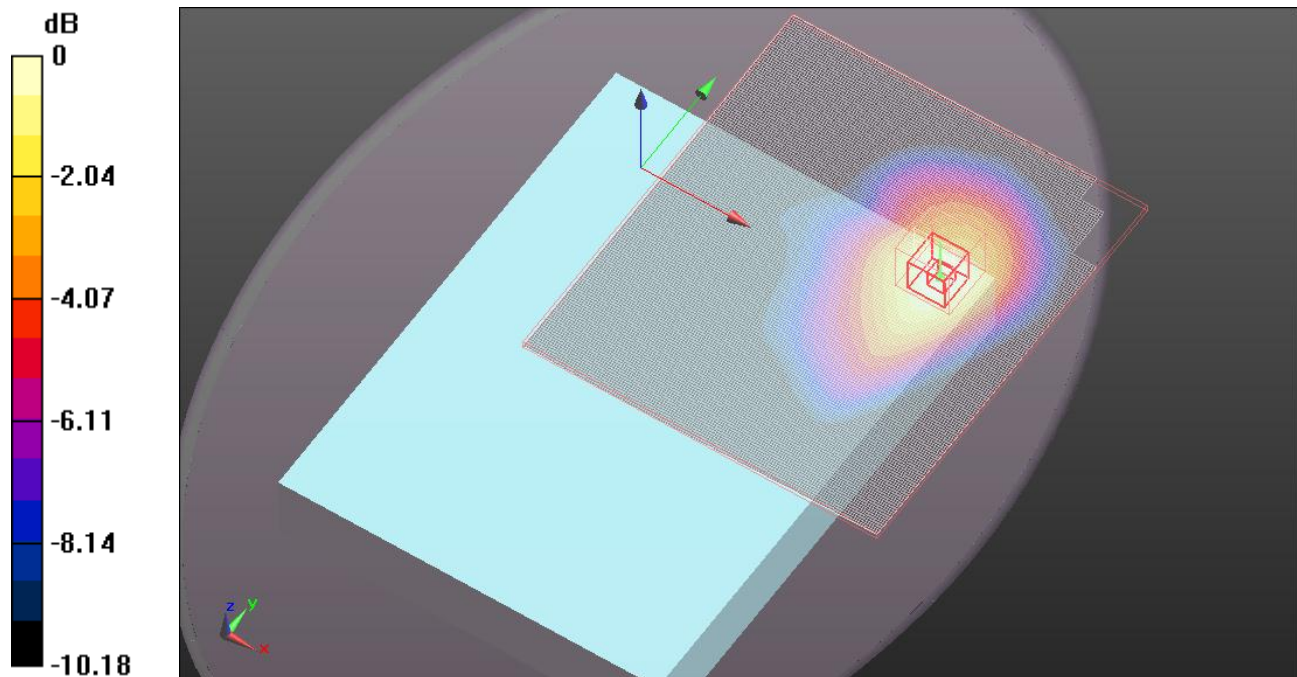
Reference Value = 12.280 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.081 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.140mW/g

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GSM1900

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 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r = 51.996$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(6.76, 6.76, 6.76); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Bottom Tablet/M-Ch/Area Scan (141x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.025 mW/g

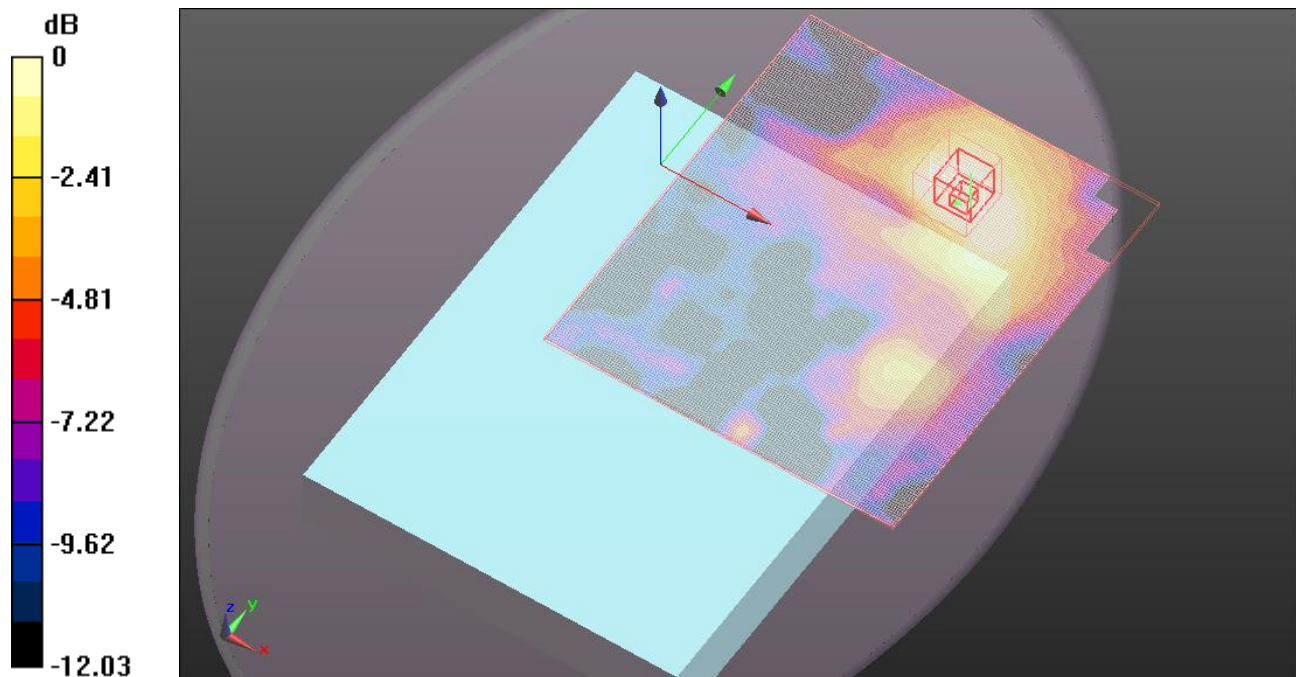
Bottom Tablet/M-Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.945 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.025 mW/g



0 dB = 0.020mW/g

Test Laboratory: UL CCS SAR Lab C

GSM850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 53.342$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(8.57, 8.57, 8.57); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (A); Type: QDOVA001BB; Serial: 1117
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Edge 1/M-Ch/Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.195 mW/g

Edge 1/M-Ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

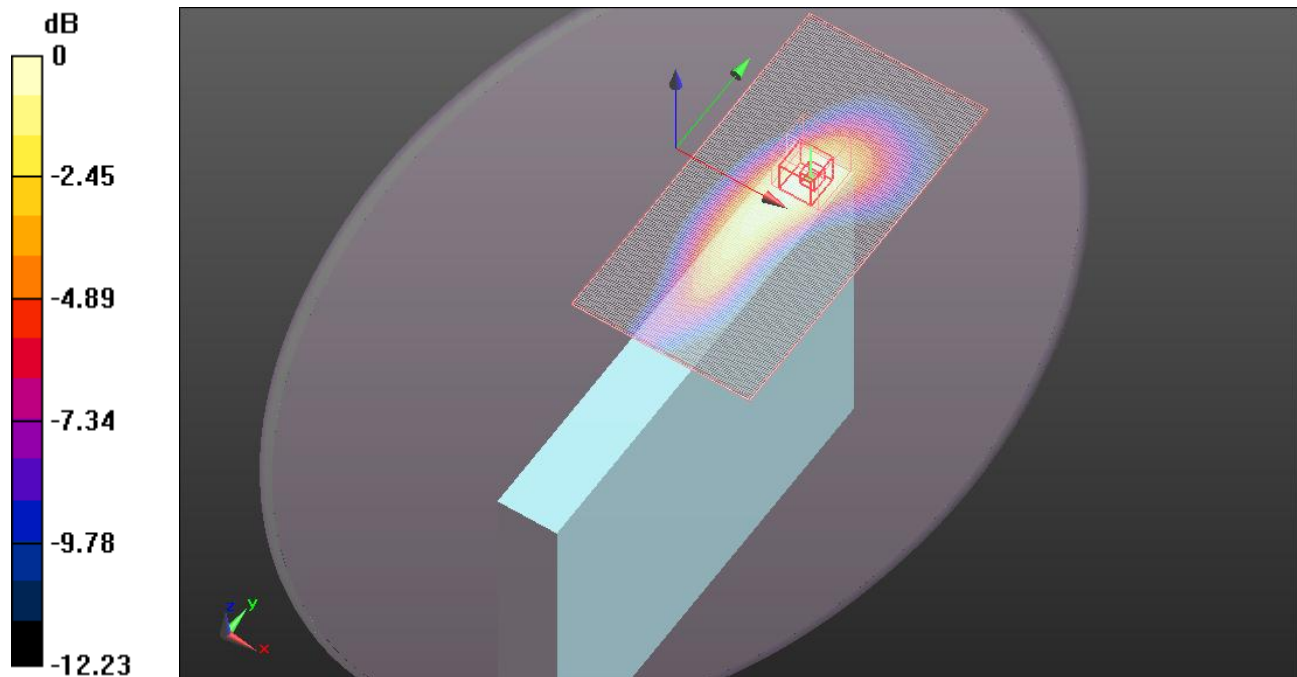
Reference Value = 14.010 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.101 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.204 mW/g



0 dB = 0.200mW/g

Test Laboratory: UL CCS SAR Lab C

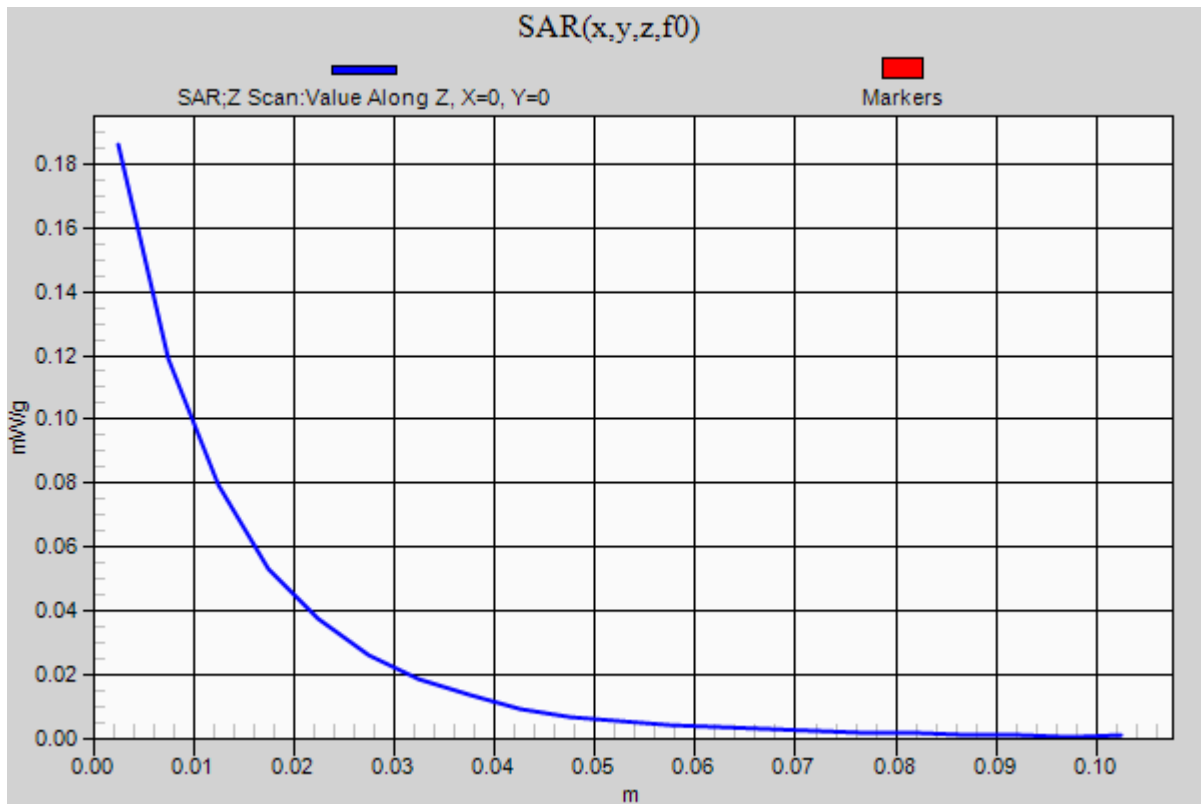
GSM850

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Edge 1/M-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.186 mW/g



Test Laboratory: UL CCS SAR Lab C

GSM1900

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 1880 MHz; Duty Cycle: 1:4.00037
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r = 51.996$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3772; ConvF(6.76, 6.76, 6.76); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 10/18/2011
- Phantom: ELI v4.0 (B); Type: QDOVA001BB; Serial: 1121
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Edge 1/M-Ch/Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.344 mW/g

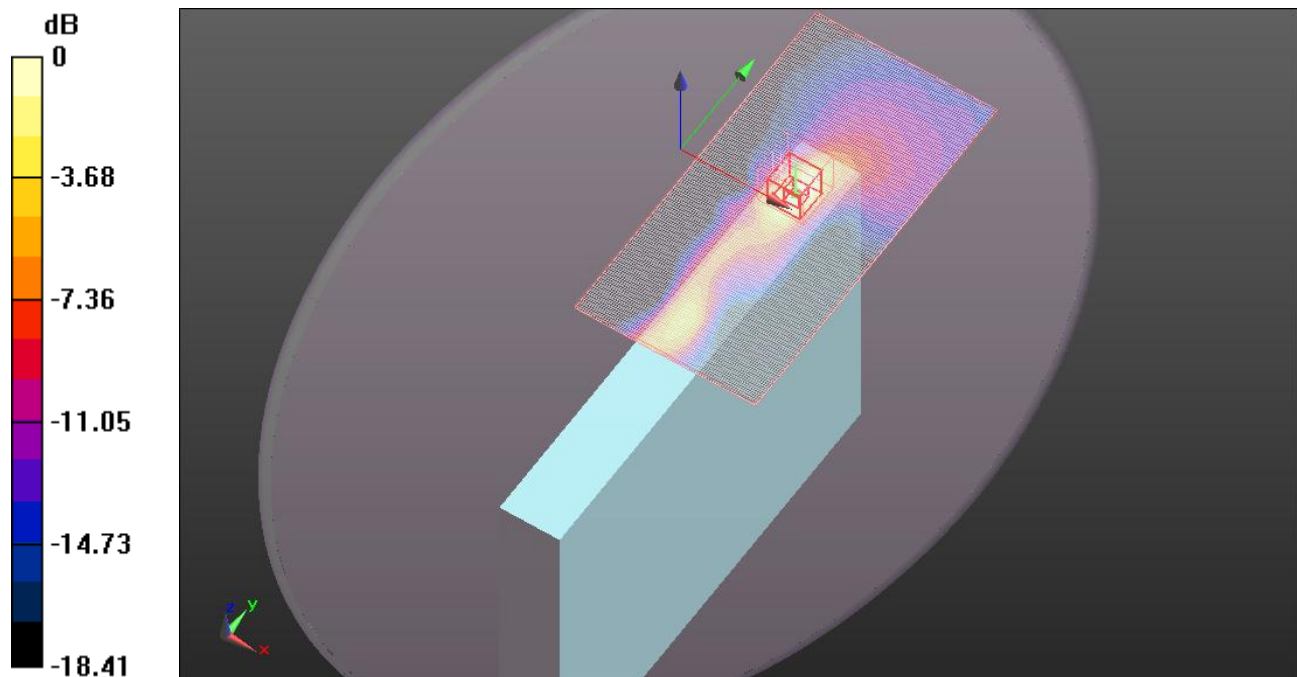
Edge 1/M-Ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.234 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.351 mW/g



0 dB = 0.350mW/g

Test Laboratory: UL CCS SAR Lab C

GSM1900

Communication System: GPRS-FDD (TDMA, GMSK, 2 slot); Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Edge 1/M-Ch/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.338 mW/g

