

Test Position 6 GSM 850 GPRS with BenQ R55V Middle (2 timeslots in uplink)

Communication System: GSM850 + GPRS(2Up); Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: Body 835MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(6.52, 6.52, 6.52);

- Electronics: DAE3 Sn452;

Test Position 6 Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.208 mW/g

Test Position 6 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.209 mW/g

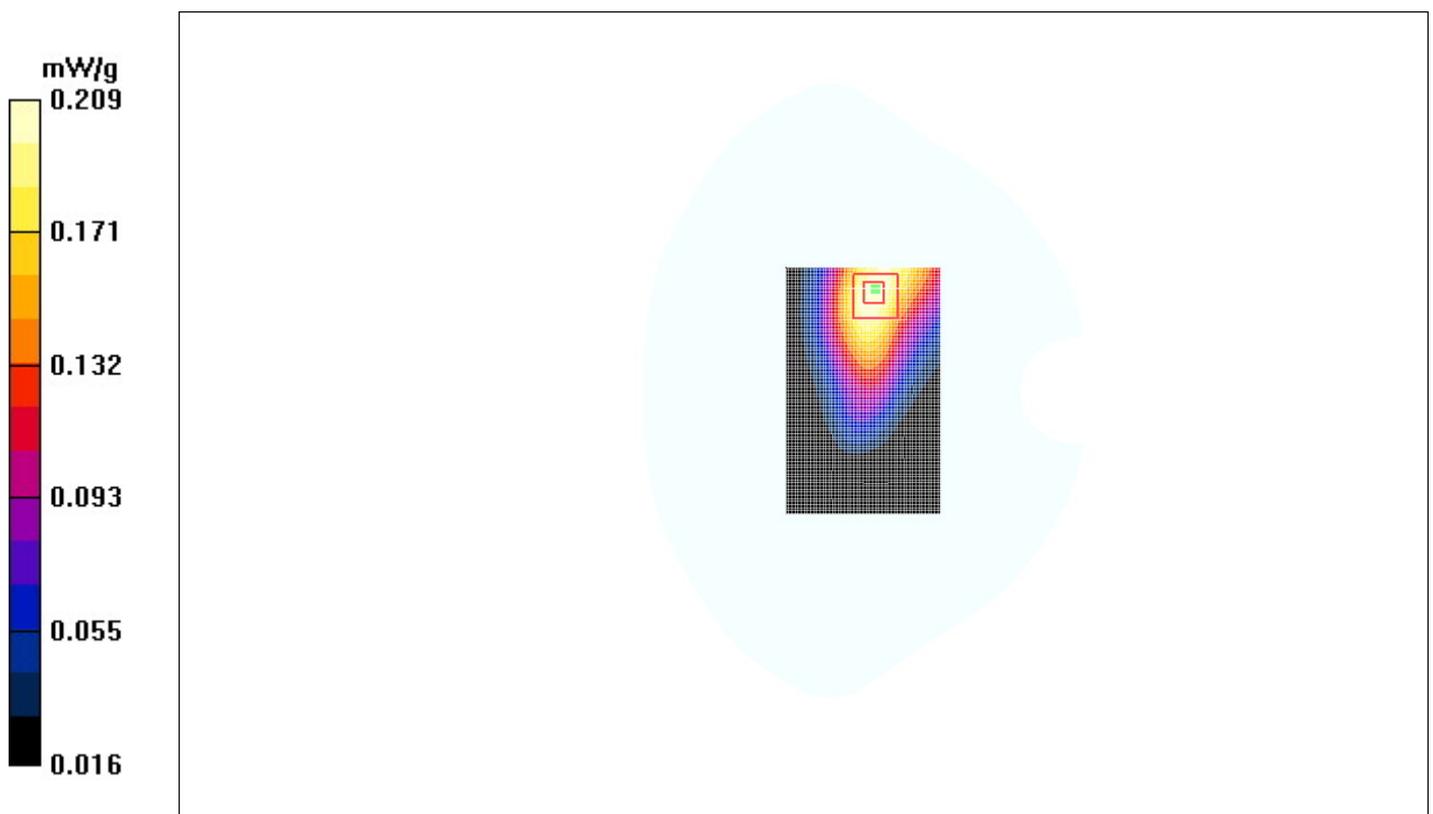


Figure 29 GSM 850 GPRS with BenQ R55V Test Position 6 CH190 (2 timeslots in uplink)

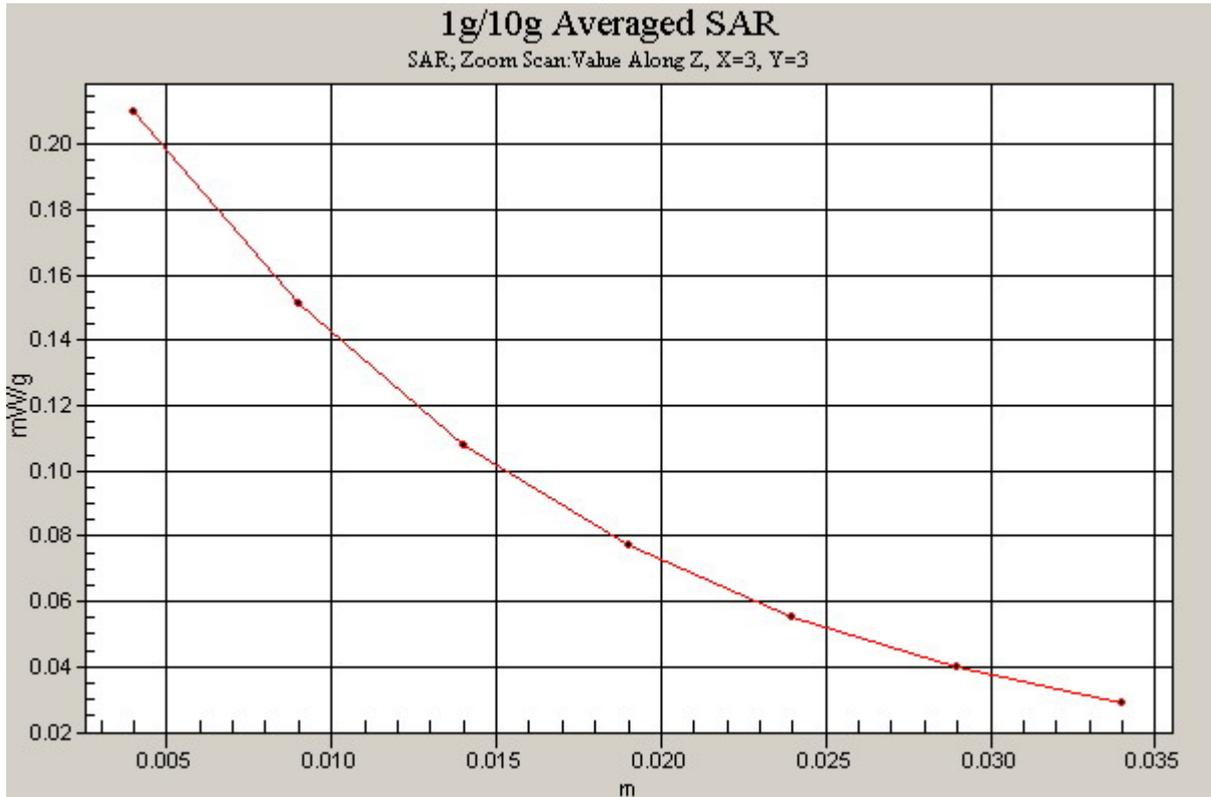


Figure 30 Z-Scan at power reference point [GSM 850 GPRS with BenQ R55V Test Position 6 CH190 (2 timeslots in uplink)]

Test Position 1 GSM 1900 GPRS with BenQ Joy book S72 Middle (4 timeslots in uplink)

Communication System: GSM1900+GPRS (4Up); Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 1 Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.607 mW/g

Test Position 1 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.598 mW/g

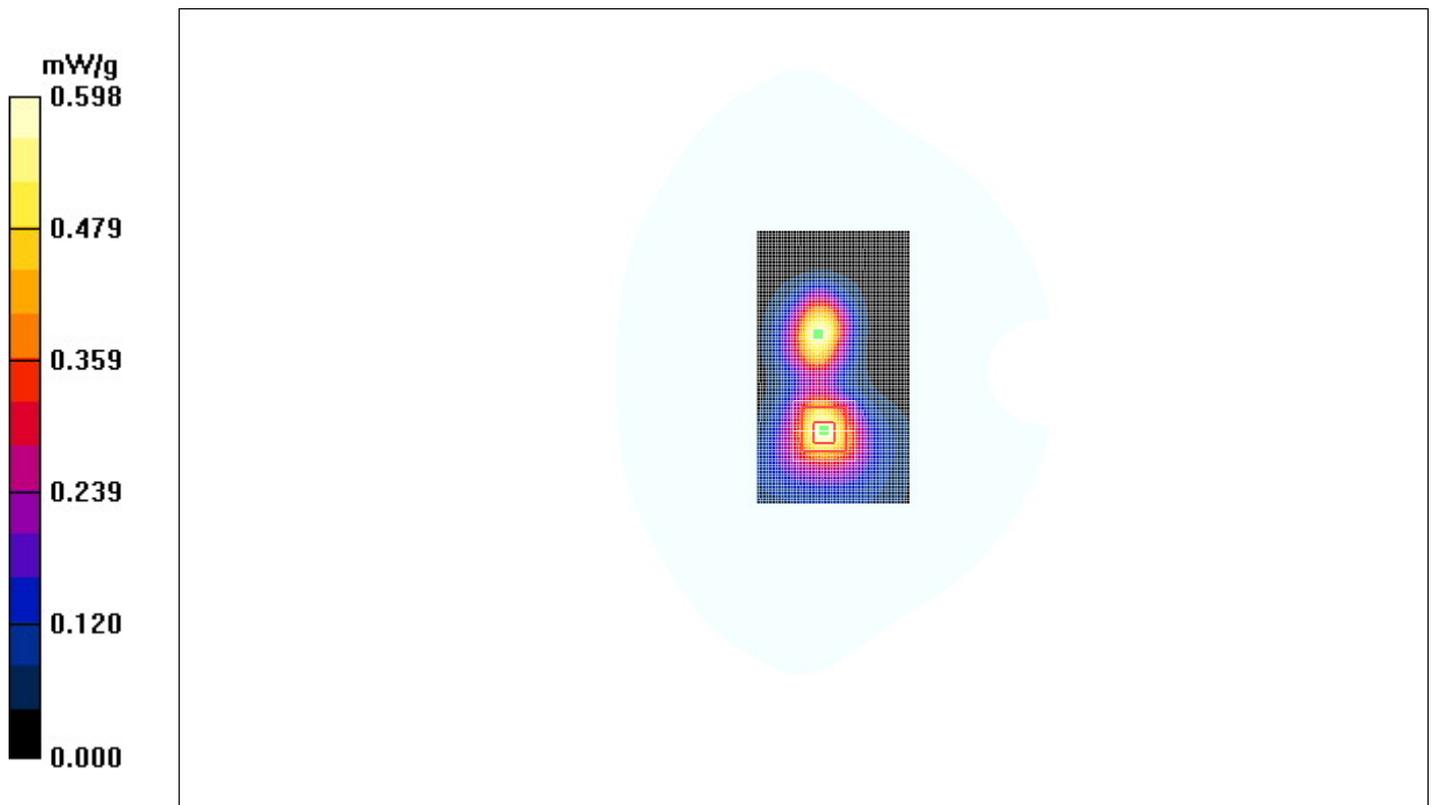


Figure 31 GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (4 timeslots in uplink)

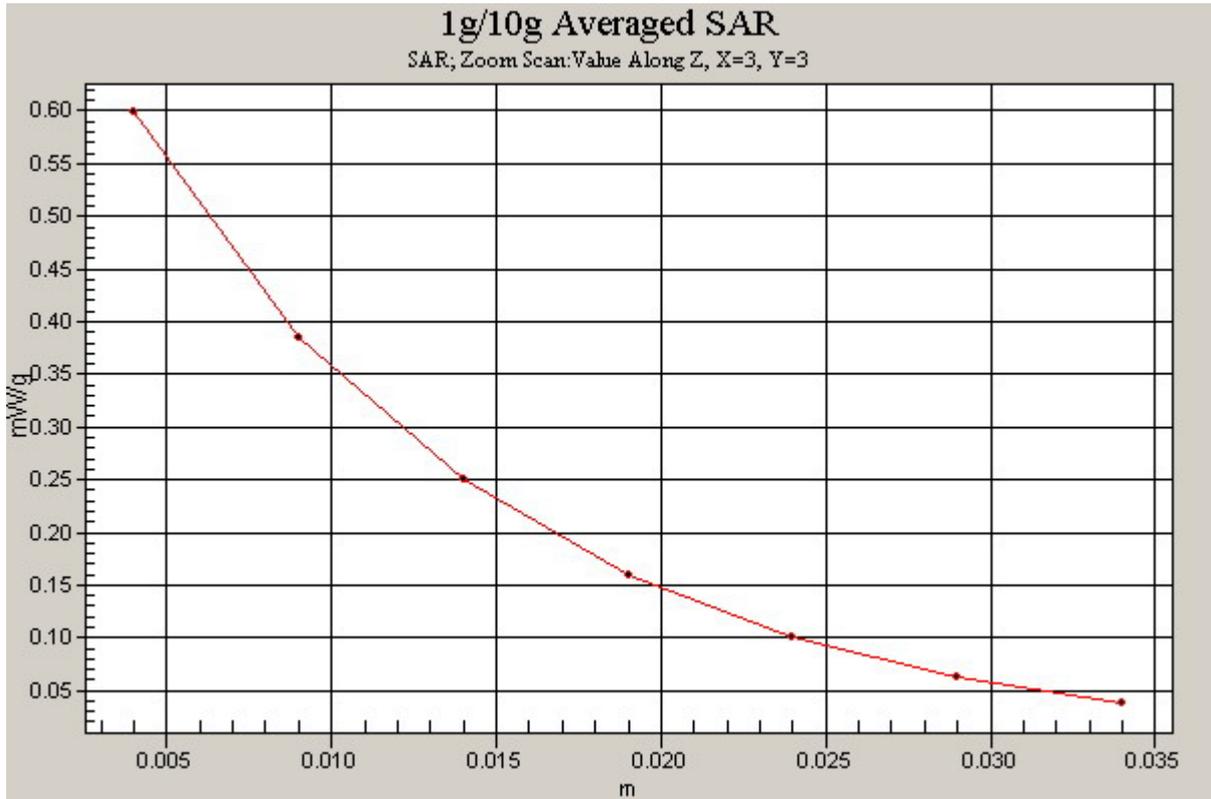


Figure 32 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (4 timeslots in uplink)]

Test Position 1 GSM 1900 GPRS with Acer ZH1 Middle (4 timeslots in uplink)

Communication System: GSM1900+GPRS (4Up); Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 1 Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 mW/g

Test Position 1 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.356 mW/g

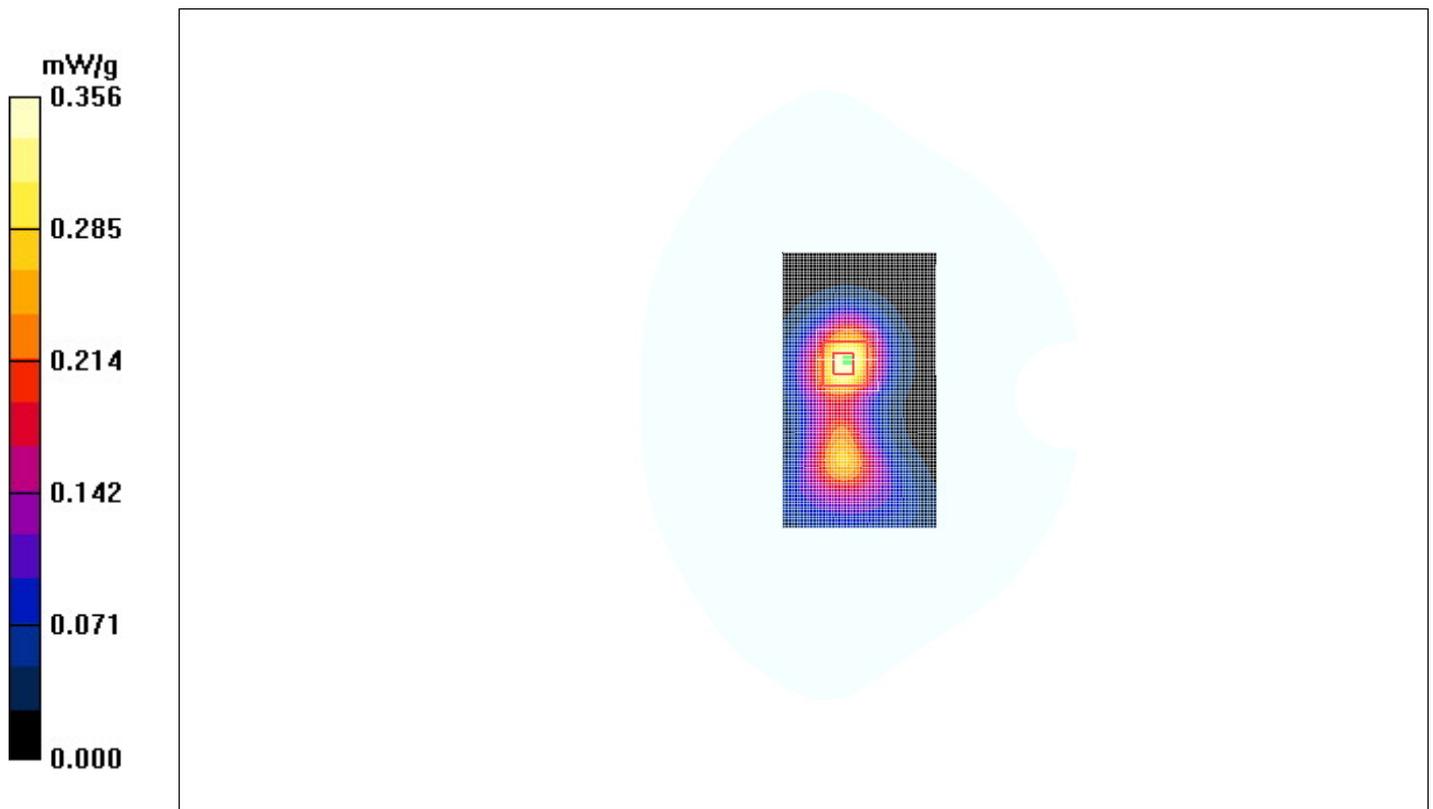


Figure 33 GSM 1900 GPRS with Acer ZH1 Test Position 1 CH661 (4 timeslots in uplink)

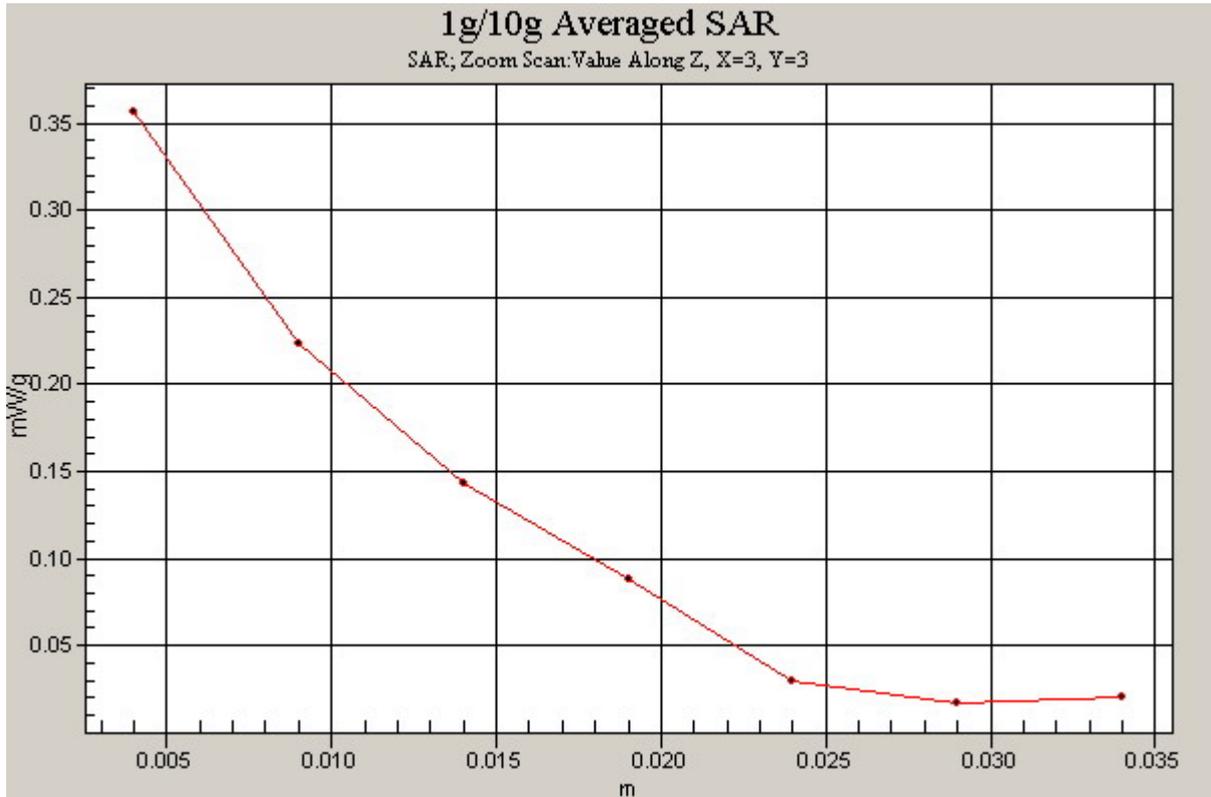


Figure 34 Z-Scan at power reference point [GSM 1900 GPRS with Acer ZH1 Test Position 1 CH661 (4 timeslots in uplink)]

Test Position 1 GSM 1900 GPRS with BenQ Joy book S72 Middle (3 timeslots in uplink)

Communication System: GSM1900+GPRS (3Up); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 1 Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.749 mW/g

Test Position 1 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.748 mW/g

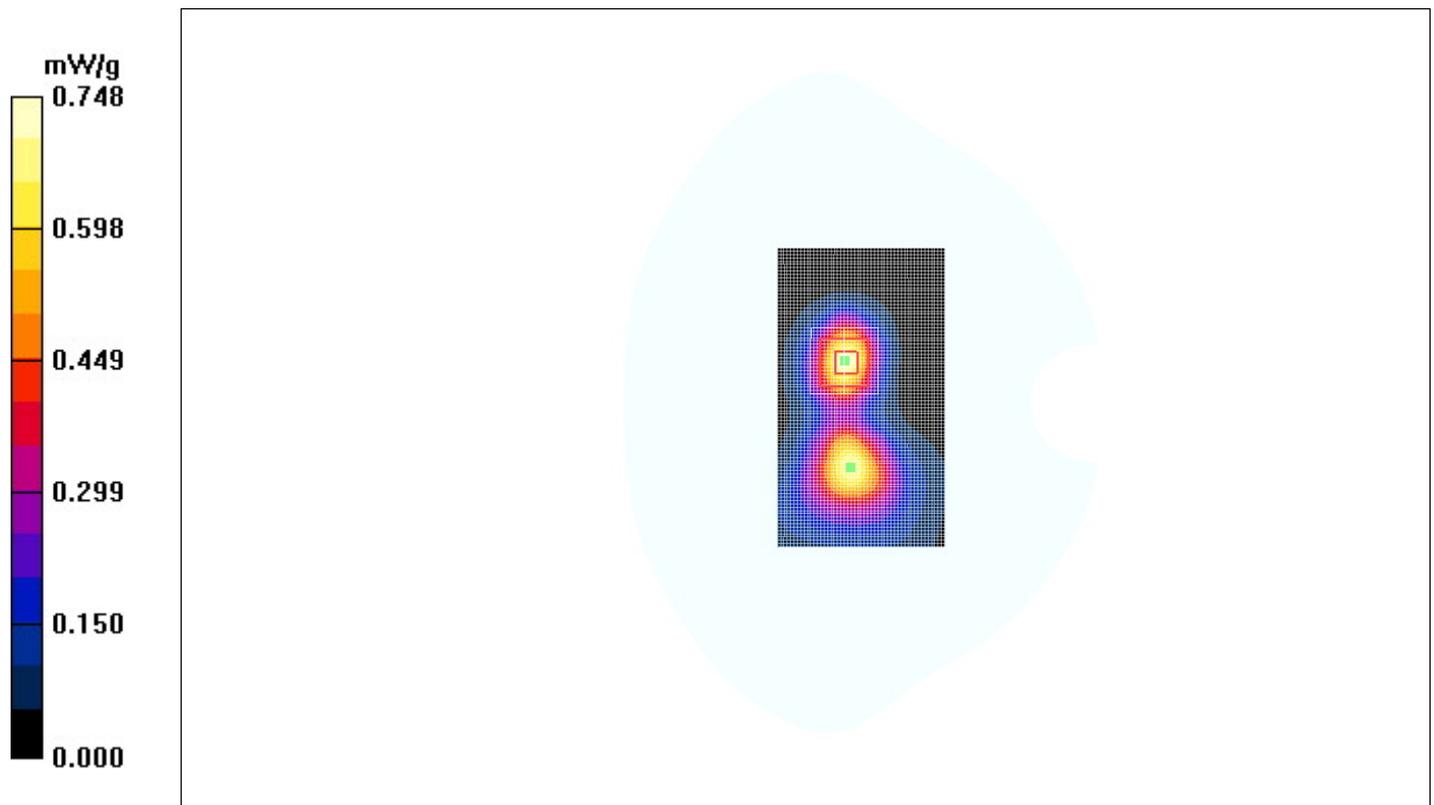


Figure 35 GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (3 timeslots in uplink)

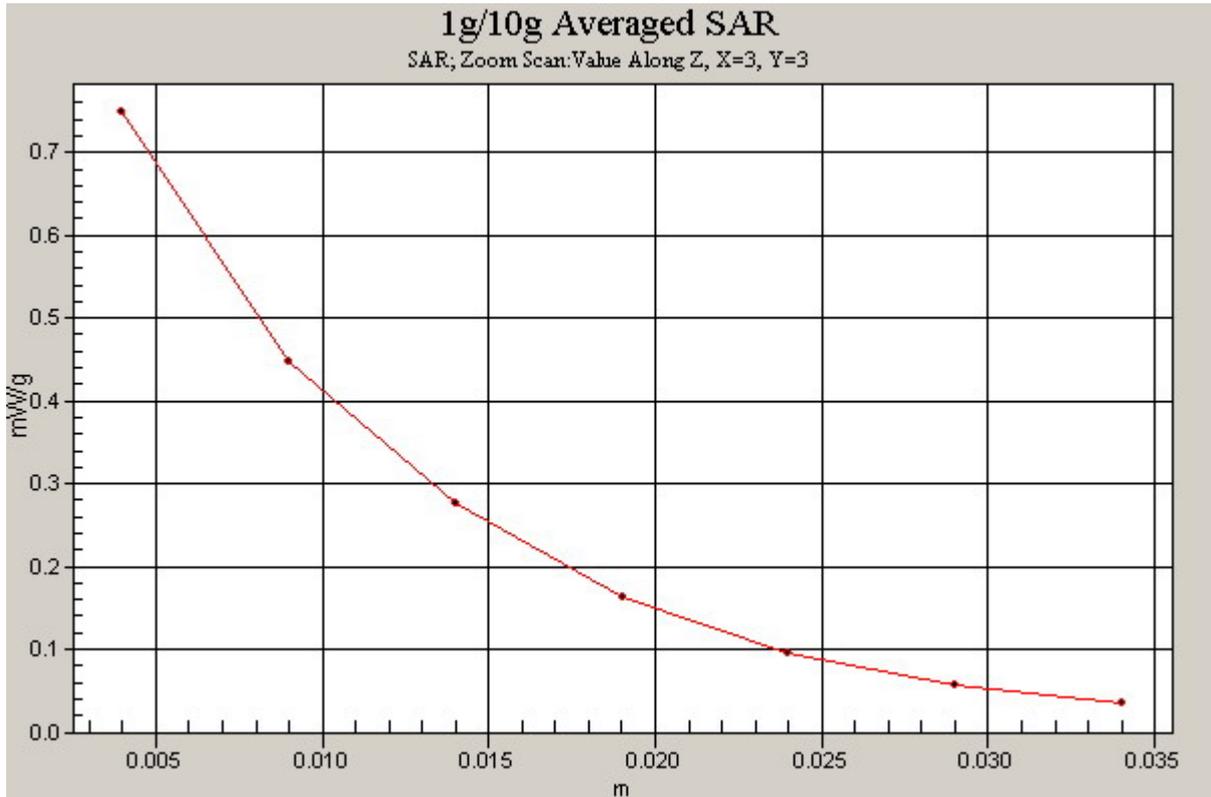


Figure 36 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (3 timeslots in uplink)]

Test Position 1 GSM 1900 GPRS with BenQ Joy book S72 Middle (2 timeslots in uplink)

Communication System: GSM1900+GPRS (2Up); Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 1 Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.732 mW/g

Test Position 1 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.748 mW/g

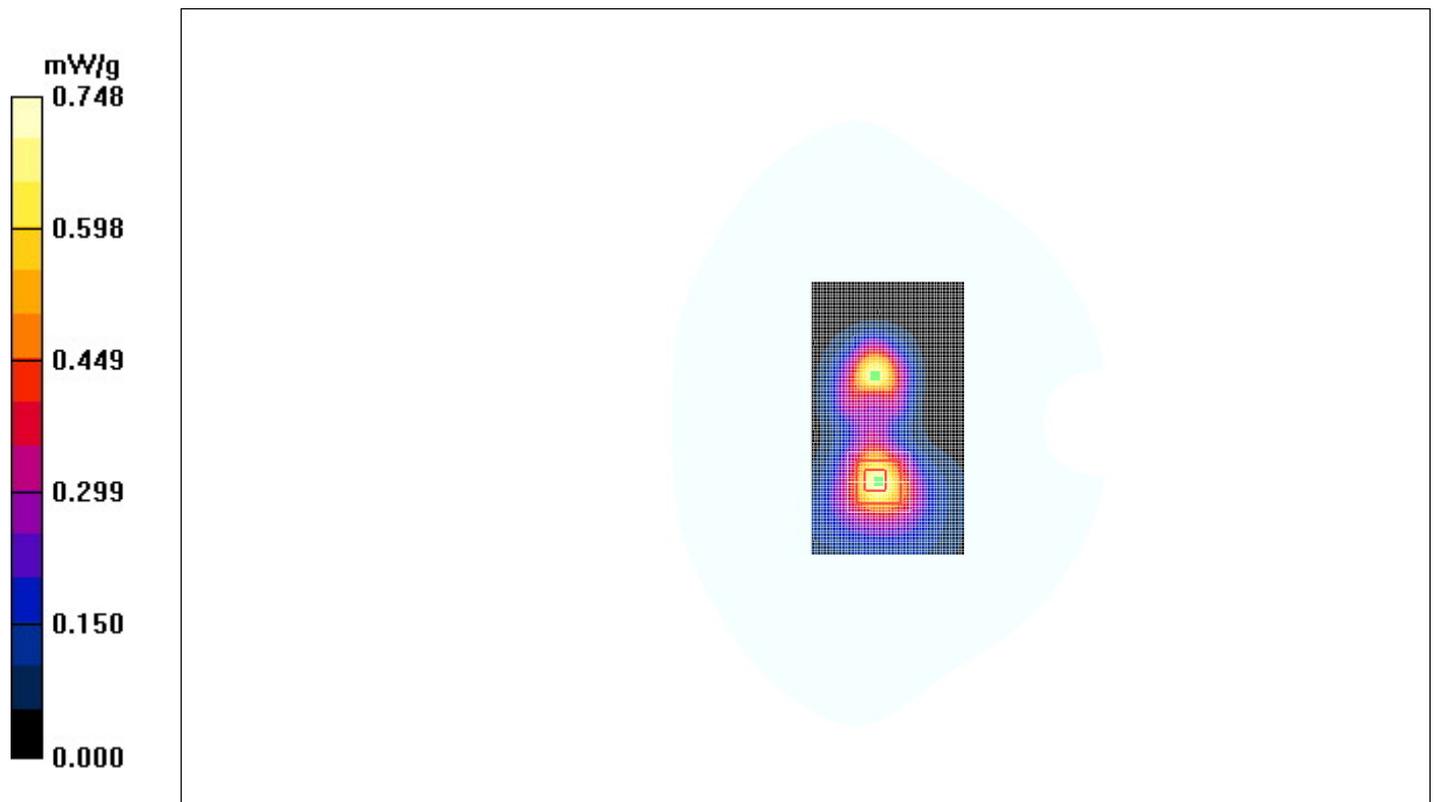


Figure 37 GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (2 timeslots in uplink)

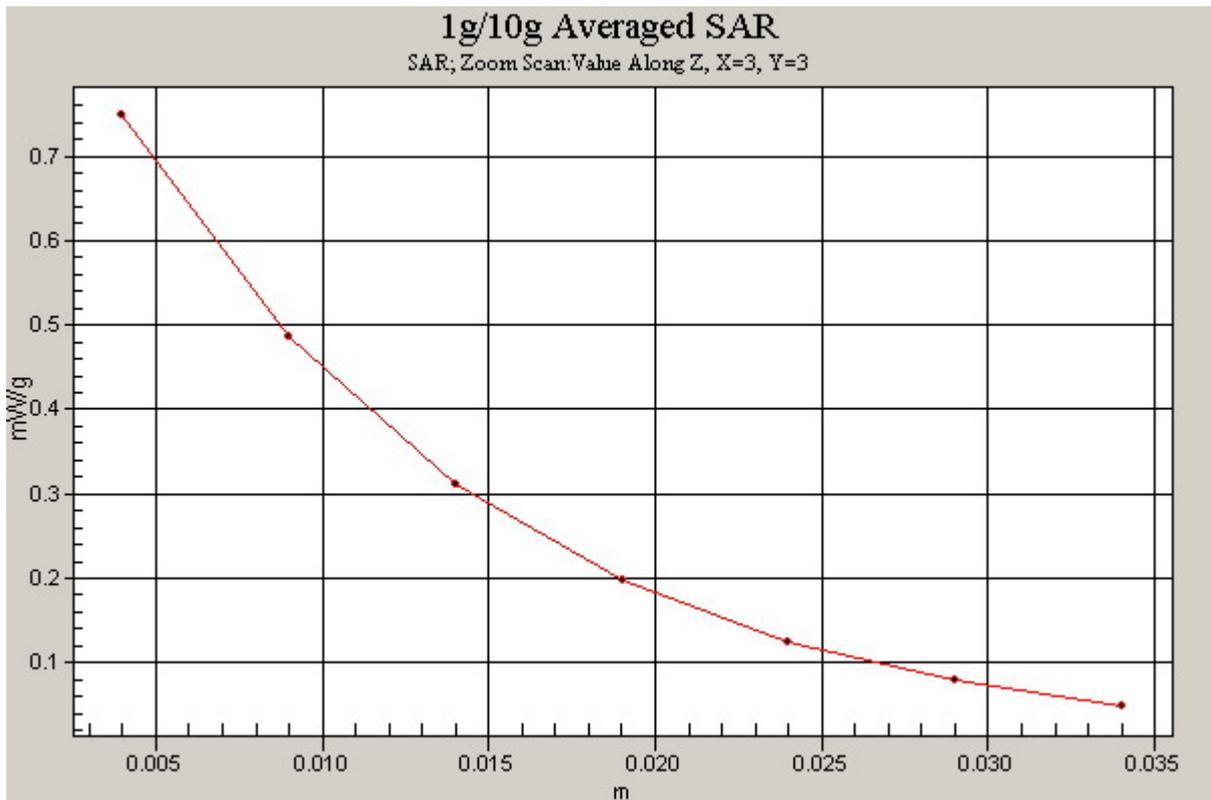


Figure 38 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (2 timeslots in uplink)]

Test Position 1 GSM 1900 GPRS with BenQ Joy book S72 Middle (1 timeslot in uplink)

Communication System: GSM1900+GPRS (1Up); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 1 Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.593 mW/g

Test Position 1 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.602 mW/g

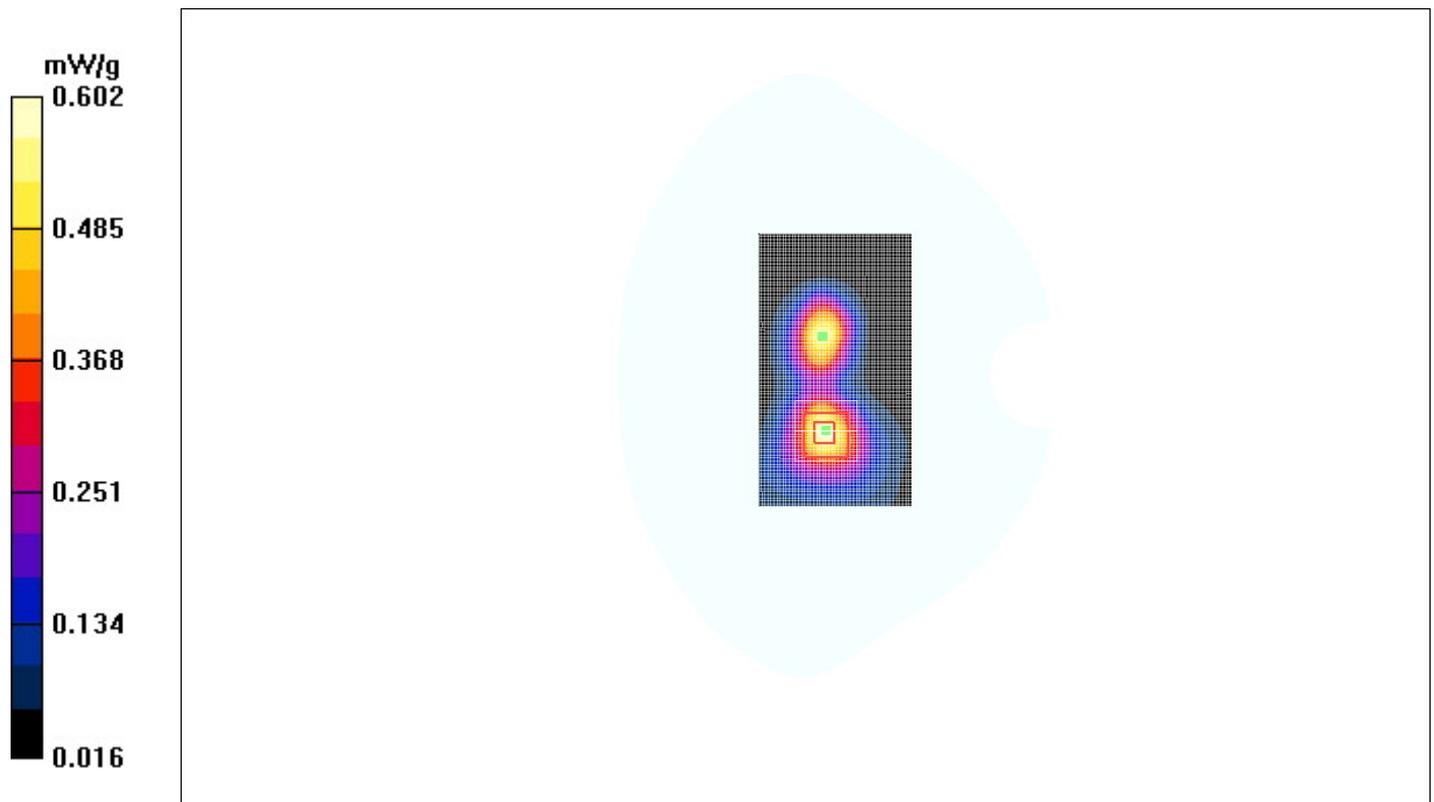


Figure 39 GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (1 timeslot in uplink)

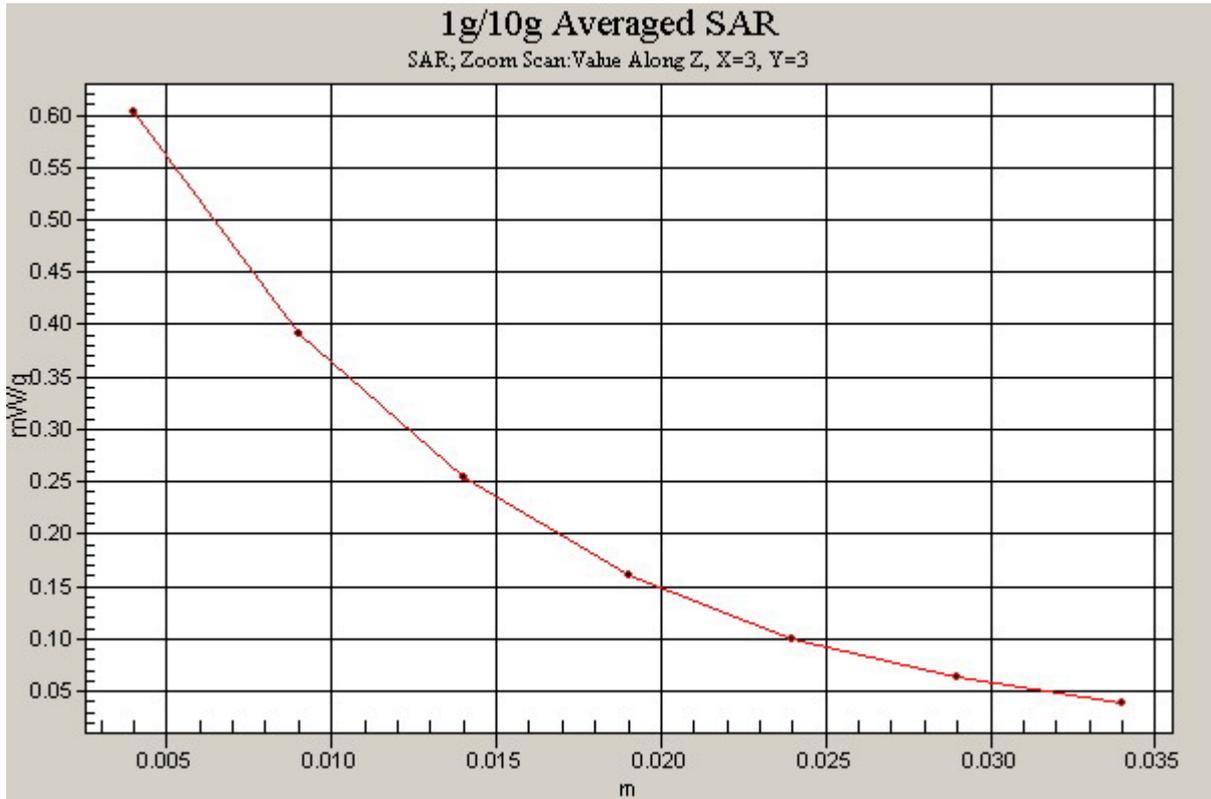


Figure 40 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 1 CH661 (1 timeslot in uplink)]

Test Position 2 GSM 1900 GPRS with BenQ Joy book S72 Middle (3 timeslots in uplink)

Communication System: GSM 1900+GPRS (3Up); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 2 Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.622 mW/g

Test Position 2 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.598 mW/g

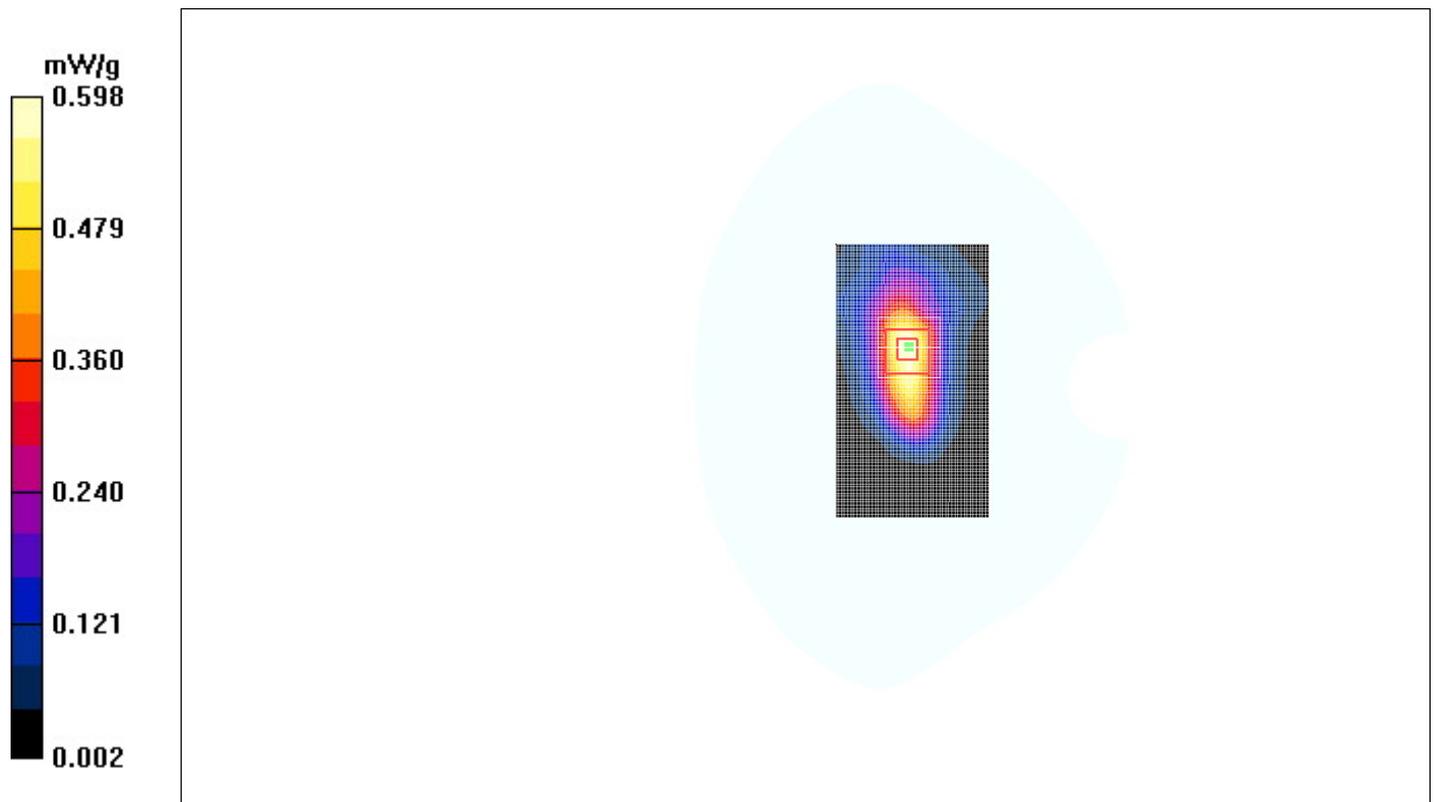


Figure 41 GSM 1900 GPRS with BenQ Joy book S72 Test Position 2 CH661 (3 timeslots in uplink)

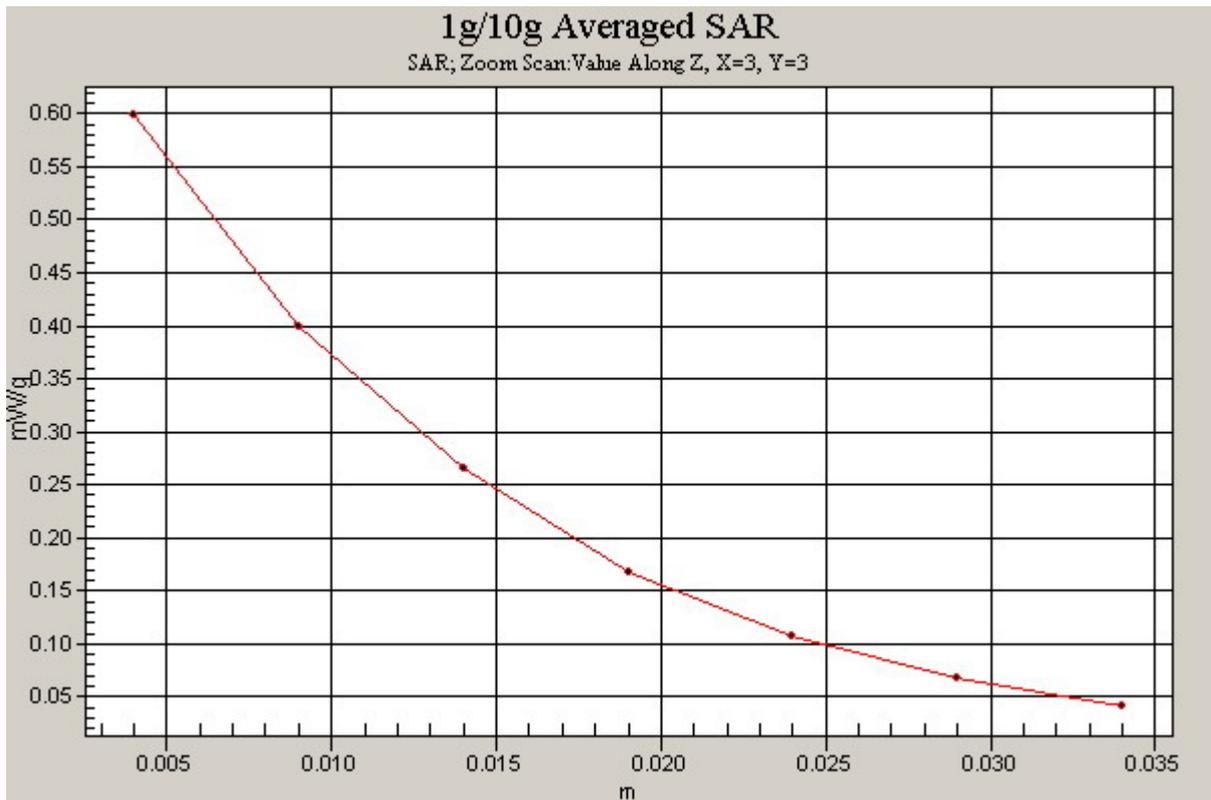


Figure 42 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 2 CH661 (3 timeslots in uplink)]

Test Position 3 GSM 1900 GPRS with BenQ Joy book S72 Middle (3 timeslots in uplink)

Communication System: GSM 1900+GPRS (3Up); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 3 Middle/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.16 mW/g

Test Position 3 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.7 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 1.43 mW/g

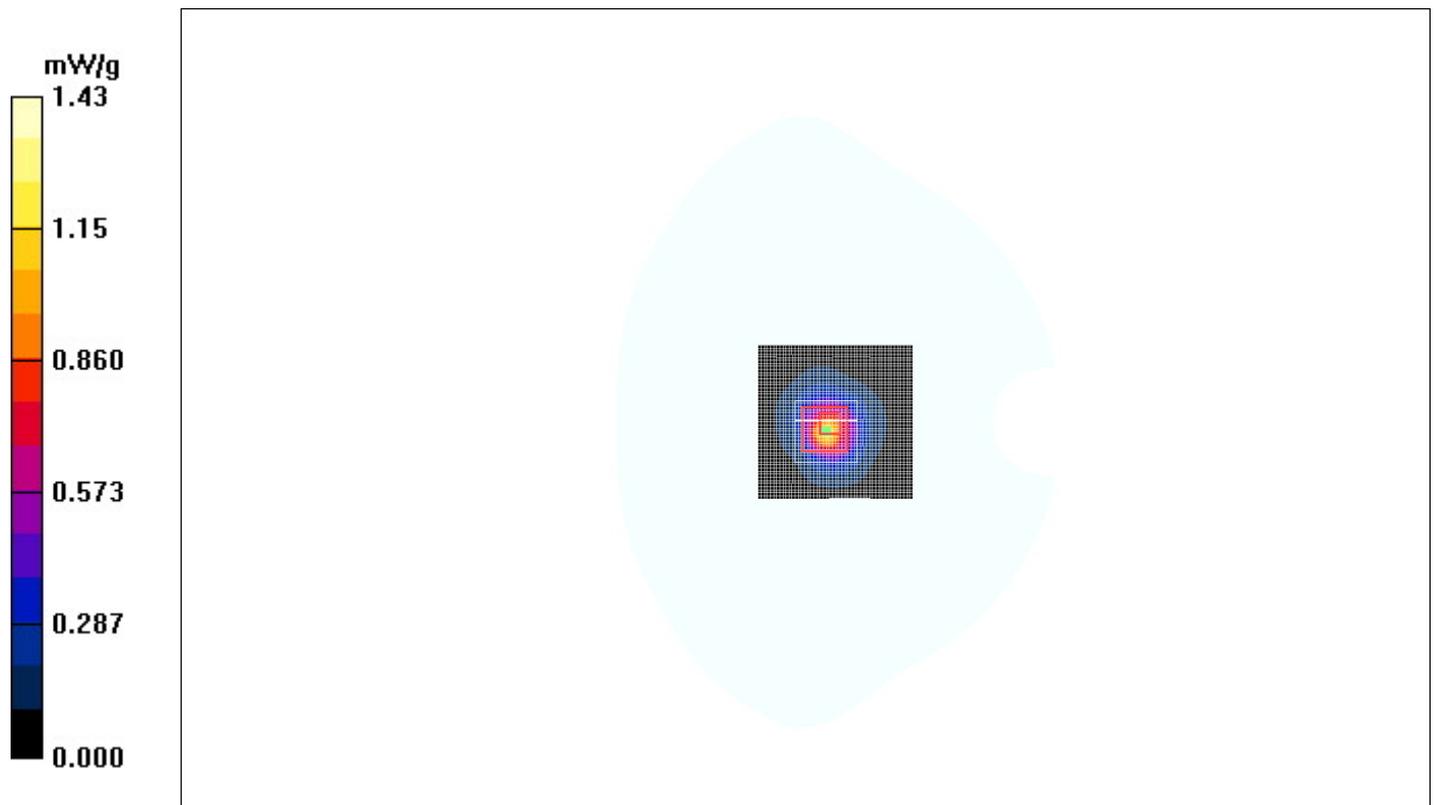


Figure 43 GSM 1900 GPRS with BenQ Joy book S72 Test Position 3 CH661 (3 timeslots in uplink)

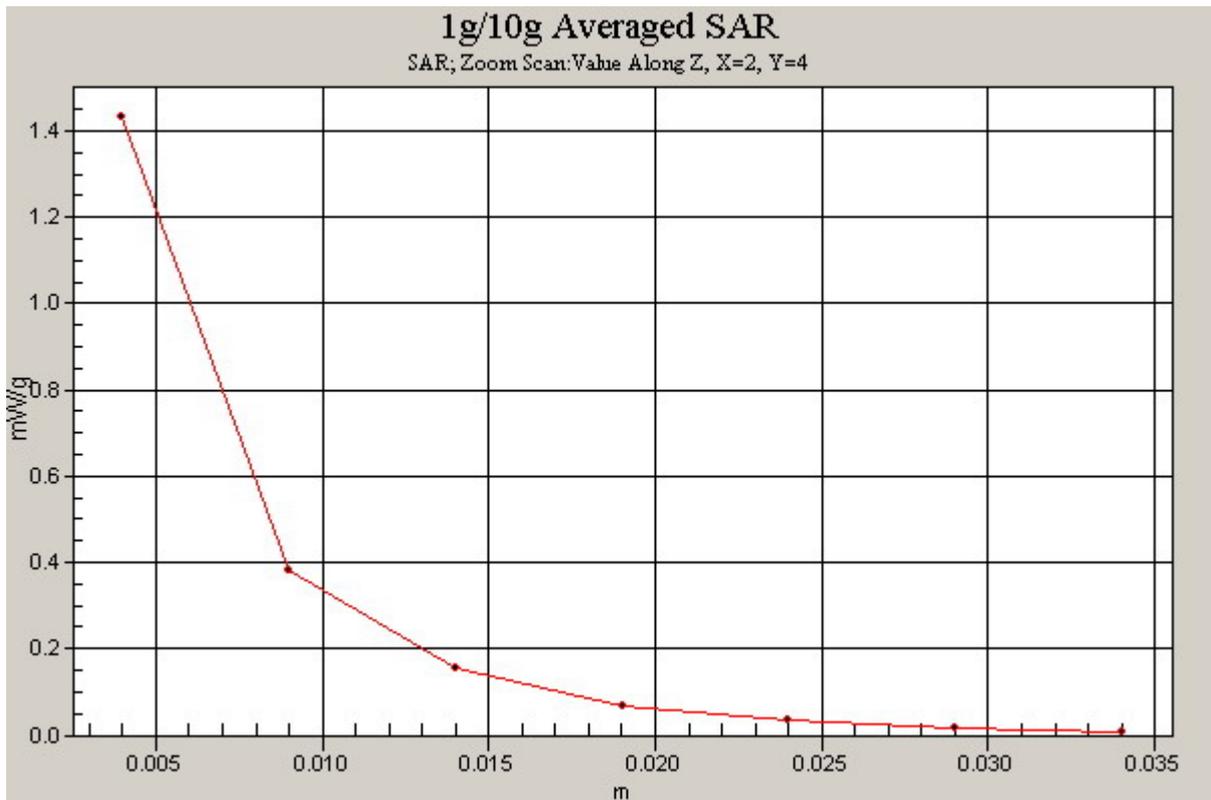


Figure 44 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 3 CH661 (3 timeslots in uplink)]

Test Position 3 GSM 1900 GPRS with BenQ Joy book S72 High (3 timeslots in uplink)

Communication System: GSM 1900+GPRS (3Up); Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 3 High/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.754 mW/g

Test Position 3 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.2 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 1.14 mW/g

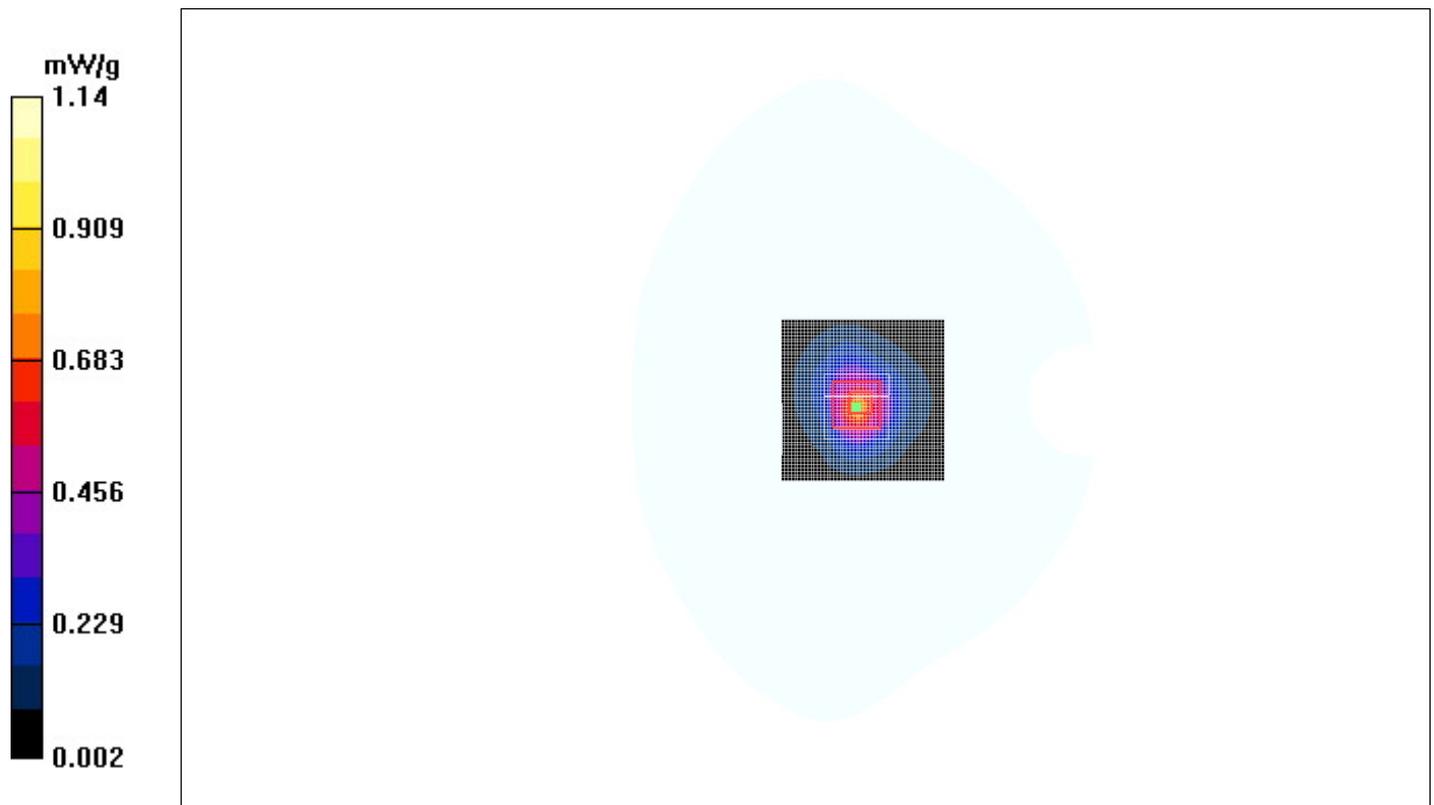


Figure 45 GSM 1900 GPRS with BenQ Joy book S72 Test Position 3 CH810 (3 timeslots in uplink)

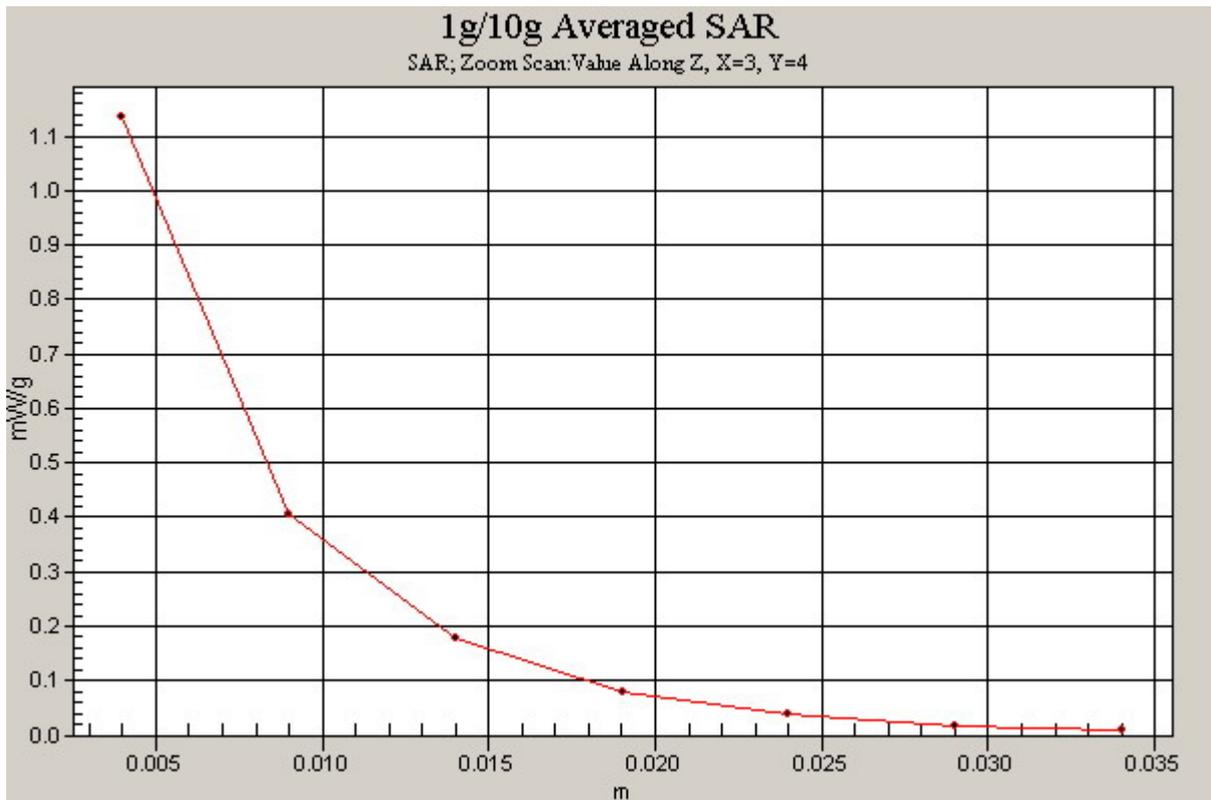


Figure 46 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 3 CH810 (3 timeslots in uplink)]

Test Position 3 GSM 1900 GPRS with BenQ Joy book S72 Low (3 timeslots in uplink)

Communication System: GSM 1900+GPRS (3Up); Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 3 Low/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

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

Test Position 3 Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.432 mW/g

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

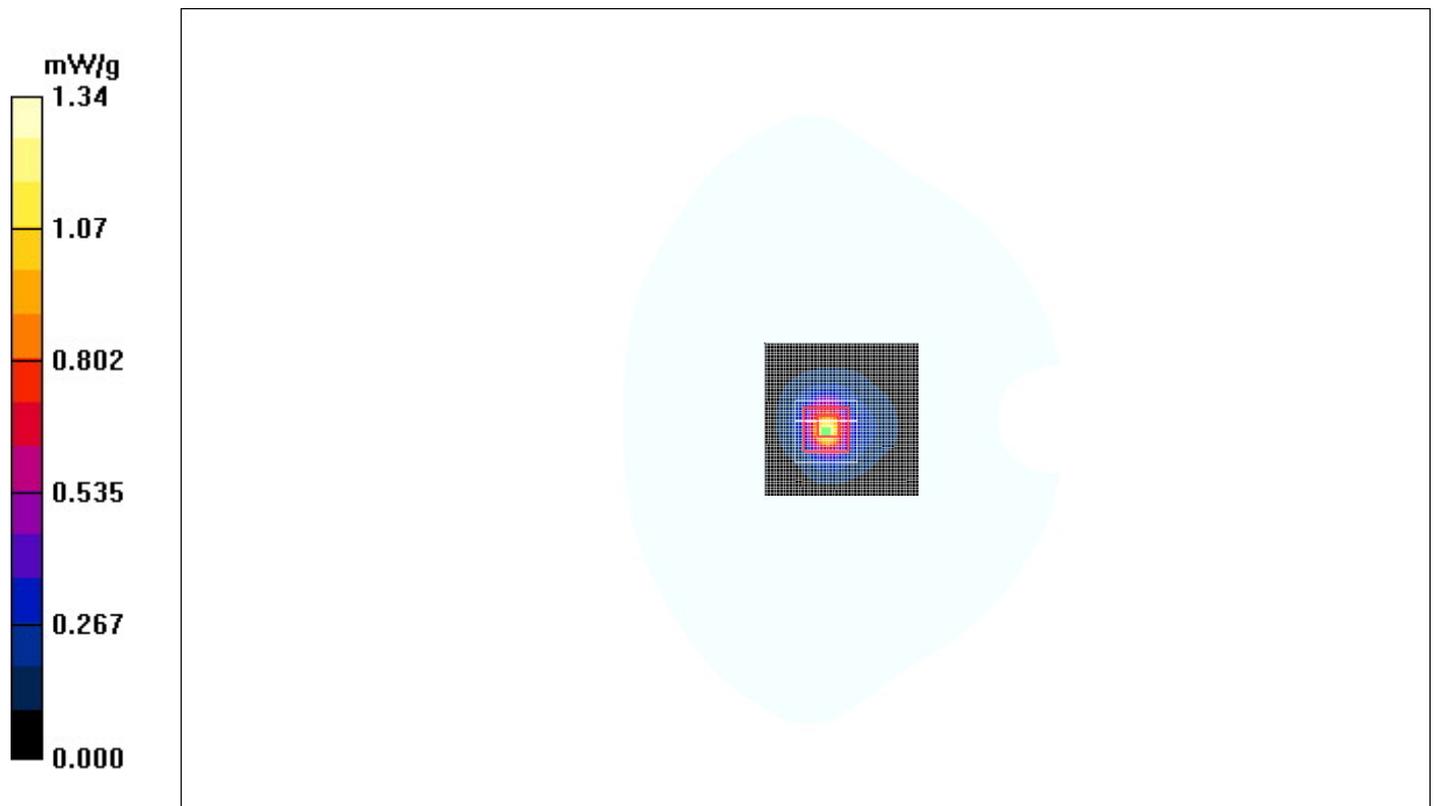


Figure 47 GSM 1900 GPRS with BenQ Joy book S72 Test Position 3 CH512 (3 timeslots in uplink)

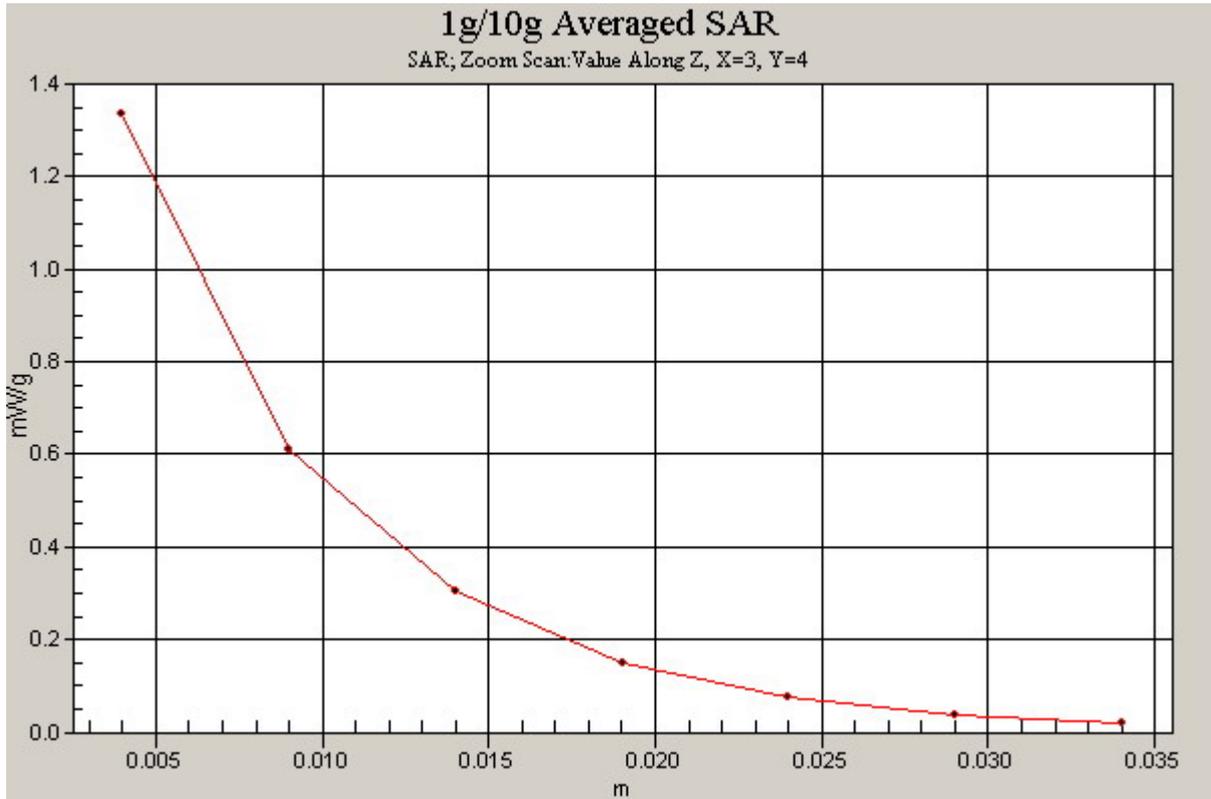


Figure 48 Z-Scan at power reference point [GSM 1900 GPRS with BenQ Joy book S72 Test Position 3 CH512 (3 timeslots in uplink)]

Test Position 3 GSM 1900 EGPRS with BenQ Joy book S72 Middle (3 timeslots in uplink)

Communication System: GSM 1900+EGPRS (3Up); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 3 Middle/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.537 mW/g

Test Position 3 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.641 mW/g

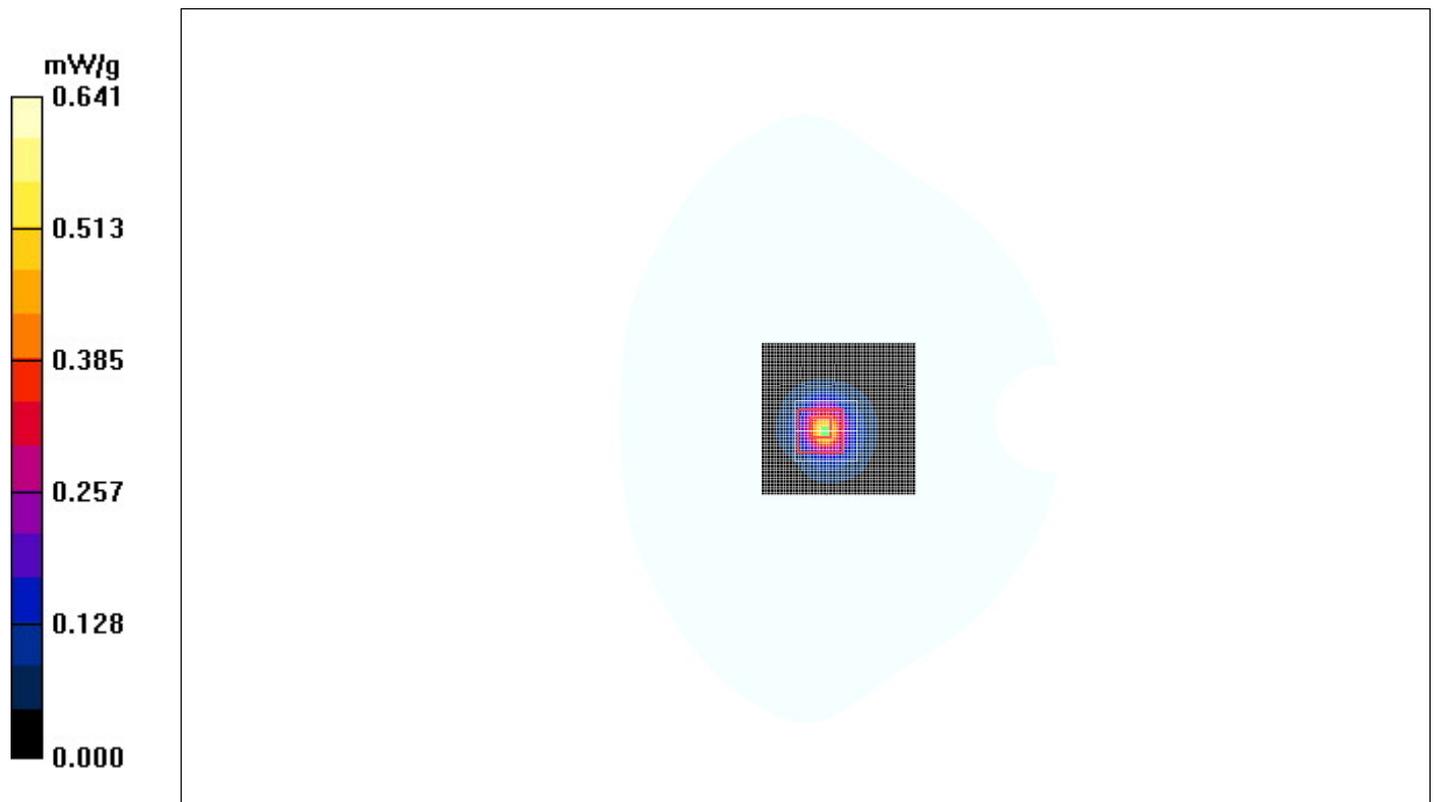


Figure 49 GSM 1900 EGPRS with BenQ Joy book S72 Test Position 3 CH661 (3 timeslots in uplink)

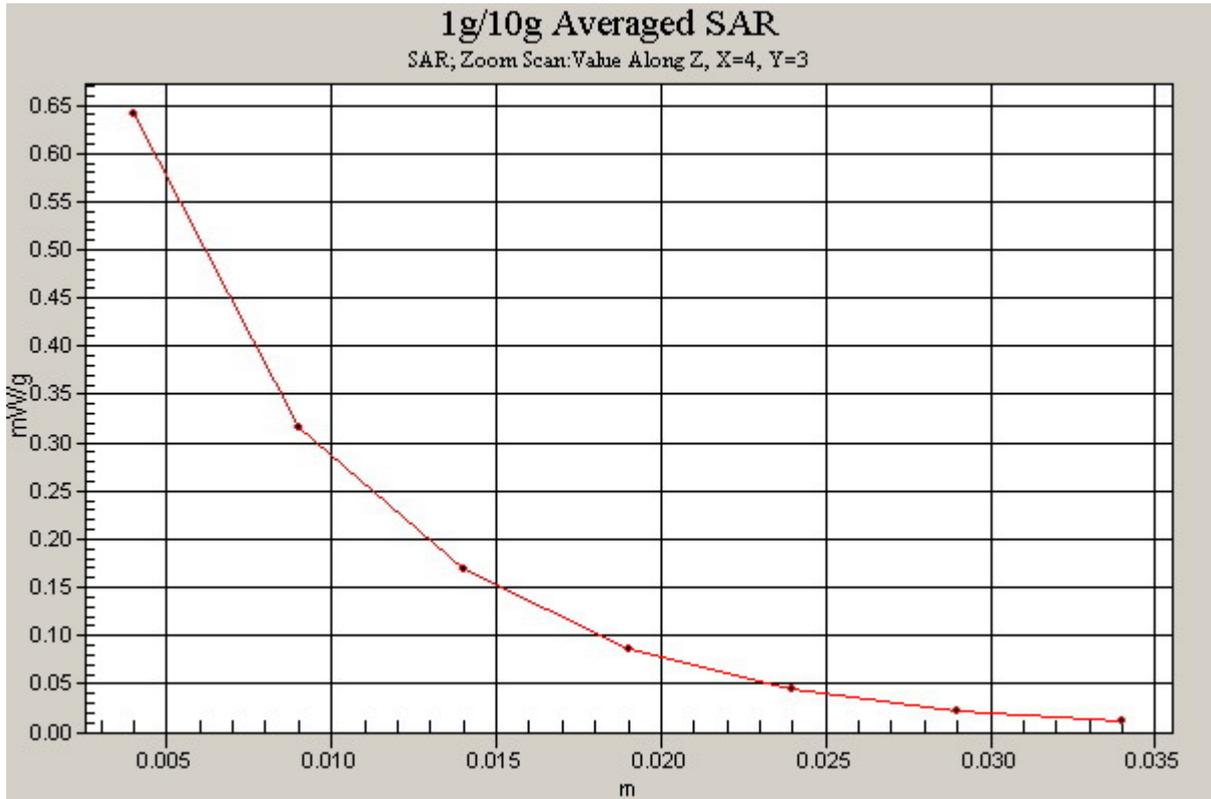


Figure 50 Z-Scan at power reference point [GSM 1900 EGPRS with BenQ Joy book S72 Test Position 3 CH661 (3 timeslots in uplink)]

Test Position 3 GSM 1900 GPRS with BenQ R55V Middle (3 timeslots in uplink)

Communication System: GSM 1900+GPRS(3Up); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 3 Middle/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.656 mW/g

Test Position 3 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.3 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.366 mW/g

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

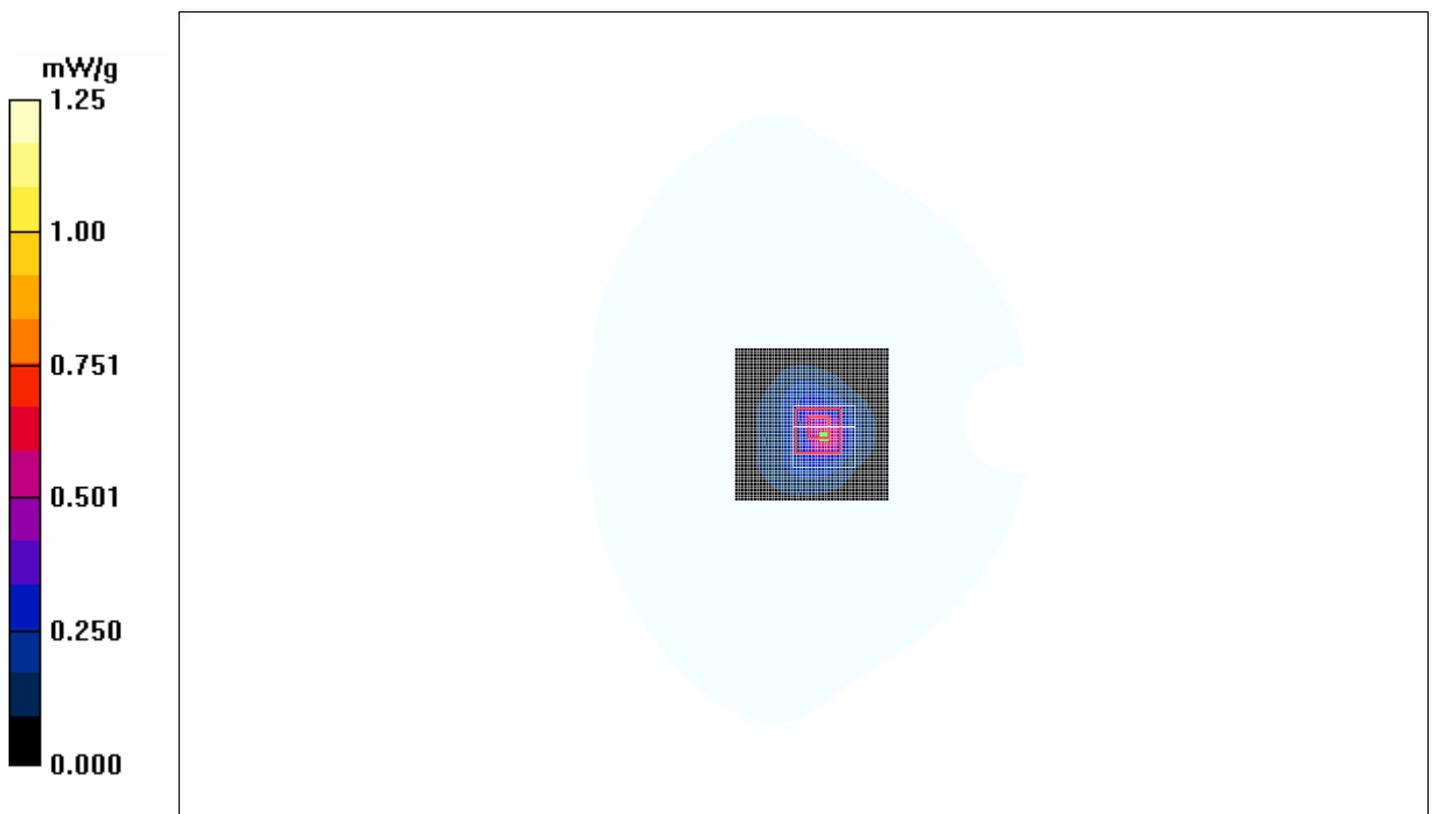


Figure 51 GSM 1900 GPRS with BenQ R55V Test Position 3 CH661 (3 timeslots in uplink)

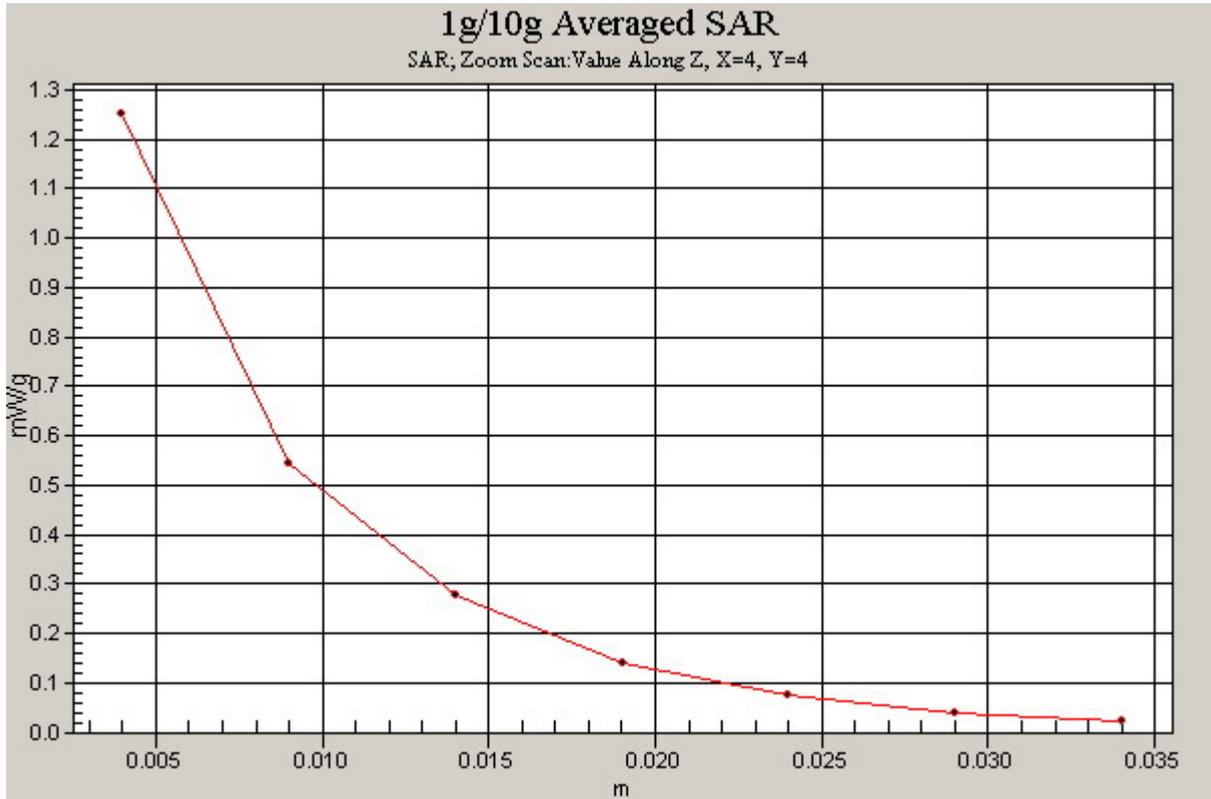


Figure 52 Z-Scan at power reference point [GSM 1900 GPRS with BenQ R55V Test Position 3 CH661 (3 timeslots in uplink)]

Test Position 4 GSM 1900 GPRS with BenQ R55V Middle (3 timeslots in uplink)

Communication System: GSM 1900+GPRS(3Up); Frequency: 1880 MHz; Duty Cycle: 1:2.67

Medium: Body 1900MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

Test Position 4 Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.255 mW/g

Test Position 4 Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.64 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.243 mW/g

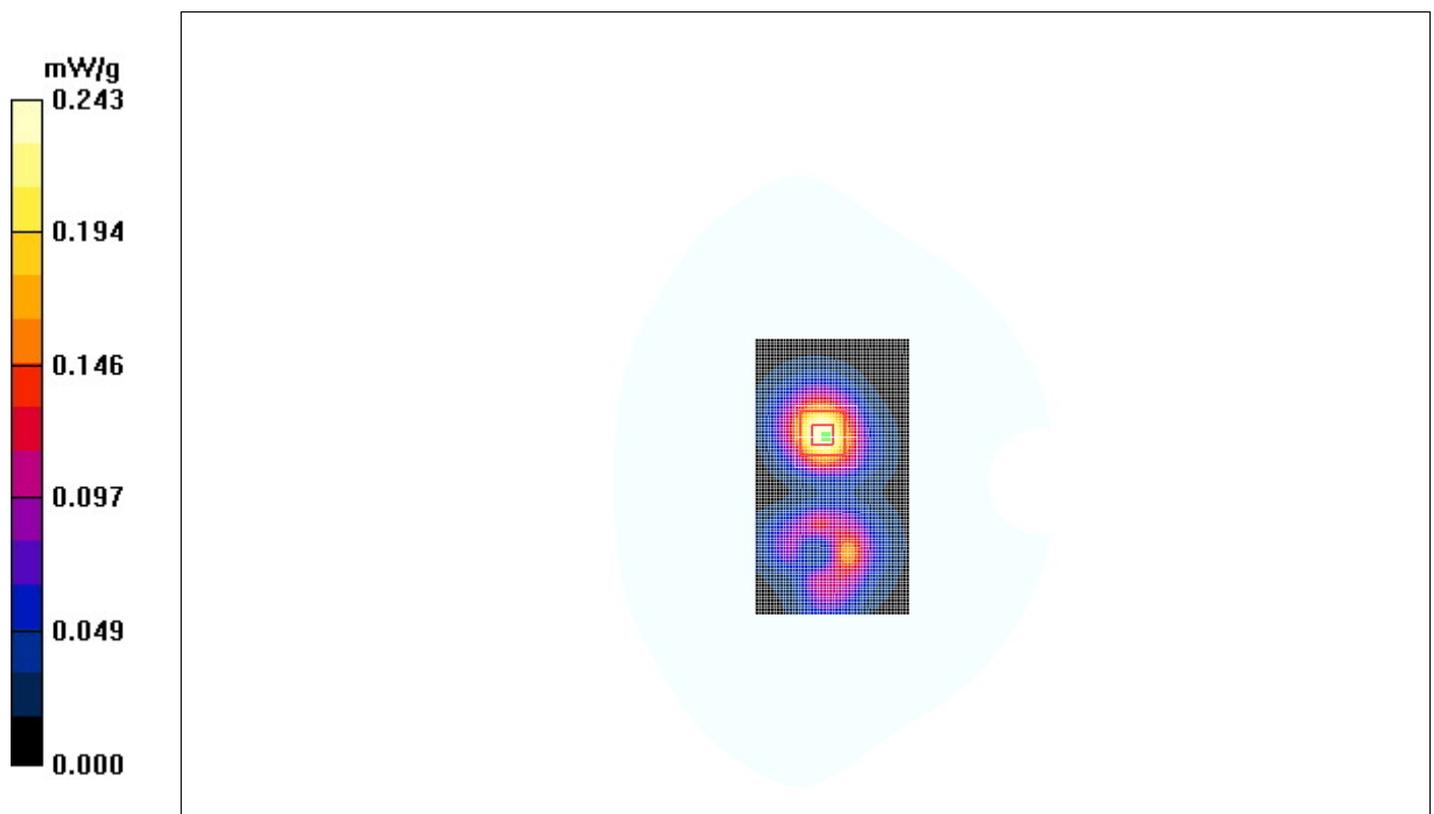


Figure 53 GSM 1900 GPRS with BenQ R55V Test Position 4 CH661 (3 timeslots in uplink)