Date/Time: 2009-08-15 05:48:01

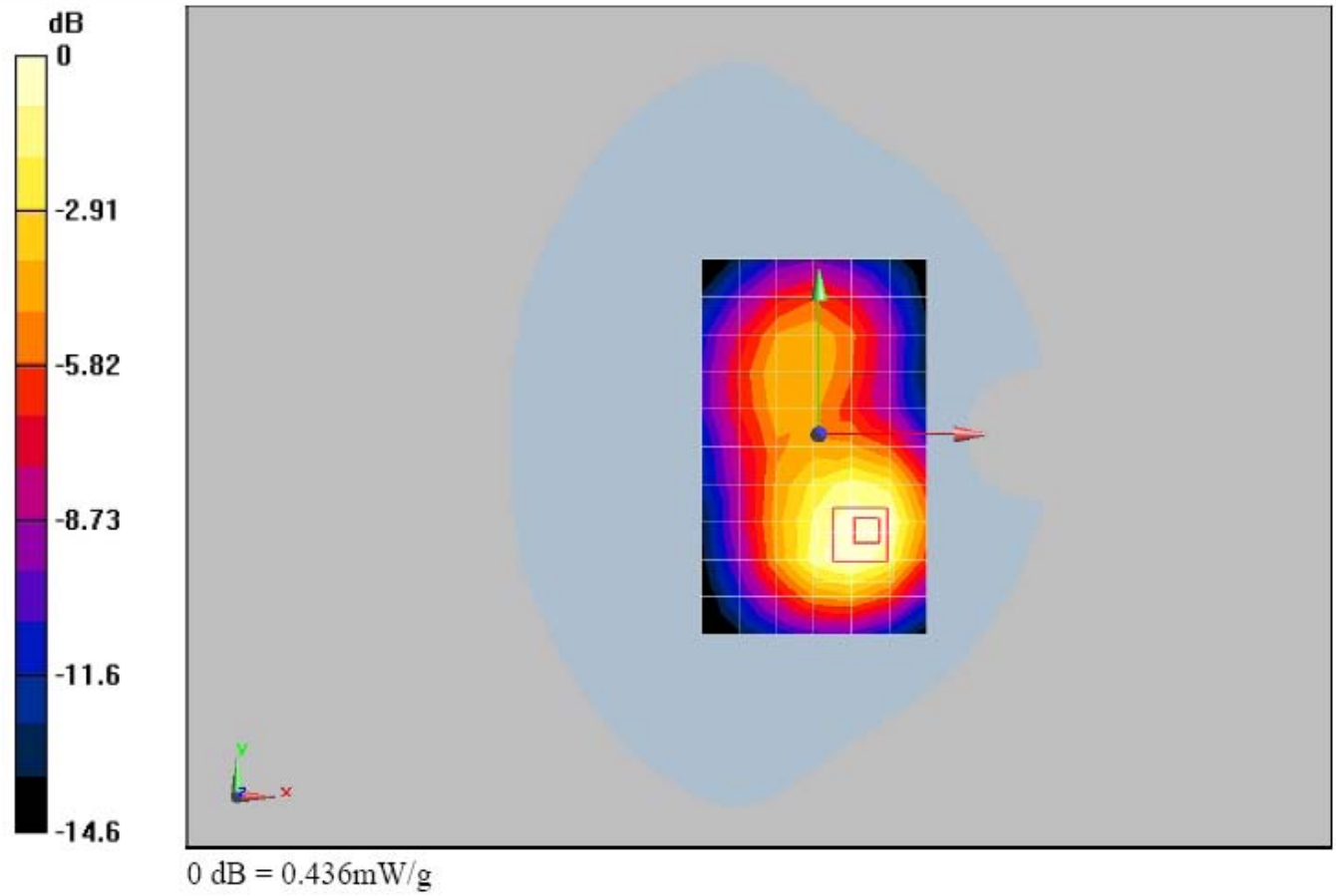
P1528_OET65_EN62209- GSM1900 towards ground with Headset

DUT: U7519

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 54.1; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(7.22, 7.22, 7.22); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.419 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.649 W/kg
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.257 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.436mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-15 06:26:35

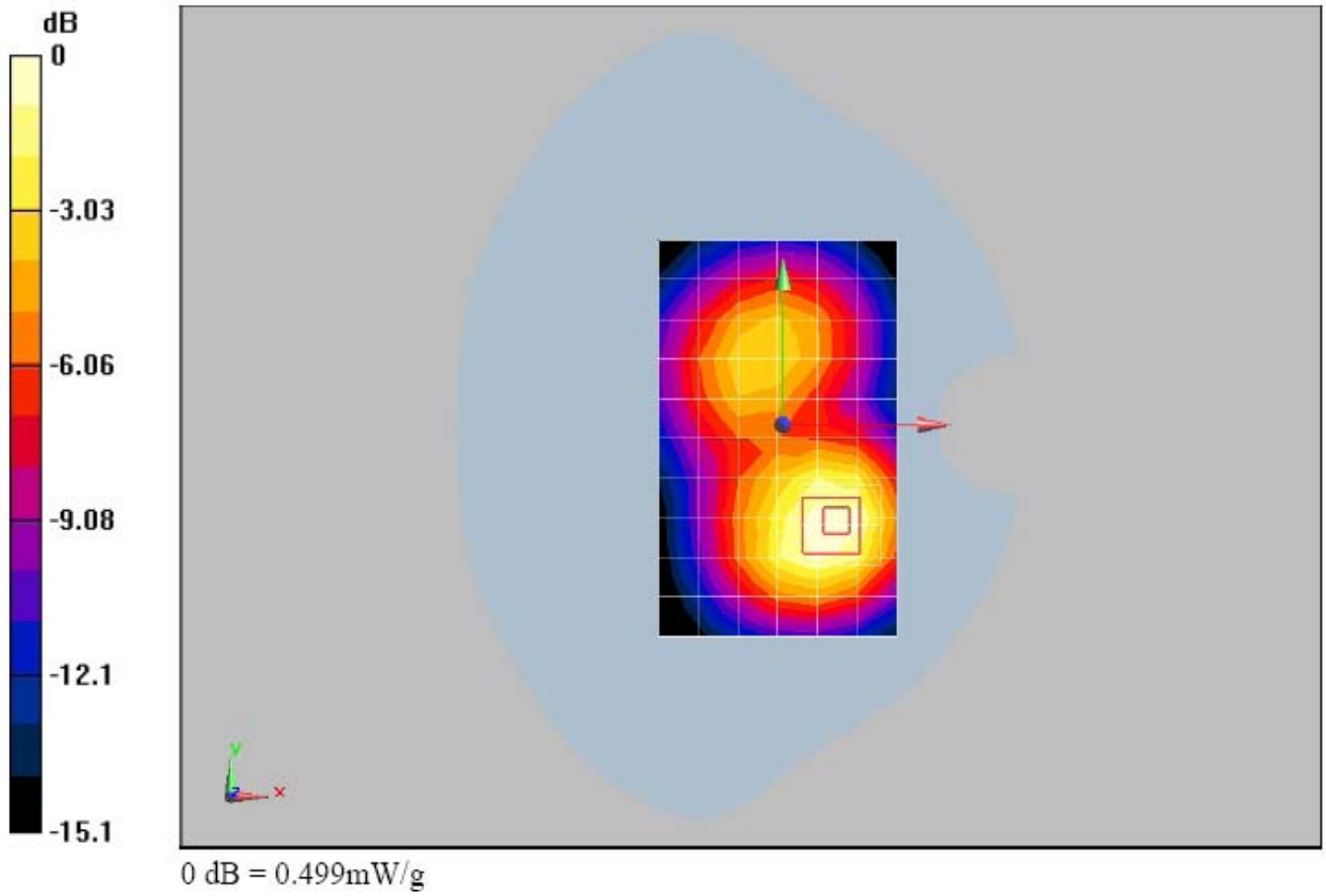
P1528_OET65_EN62209- GSM1900 towards ground with Bluetooth Headset

DUT: U7519

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 54.1; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(7.22, 7.22, 7.22); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.450 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.38 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.740 W/kg
SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.284 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Annex 2.5 GSM 850 MHz head

Date/Time: 2009-08-17 08:56:50

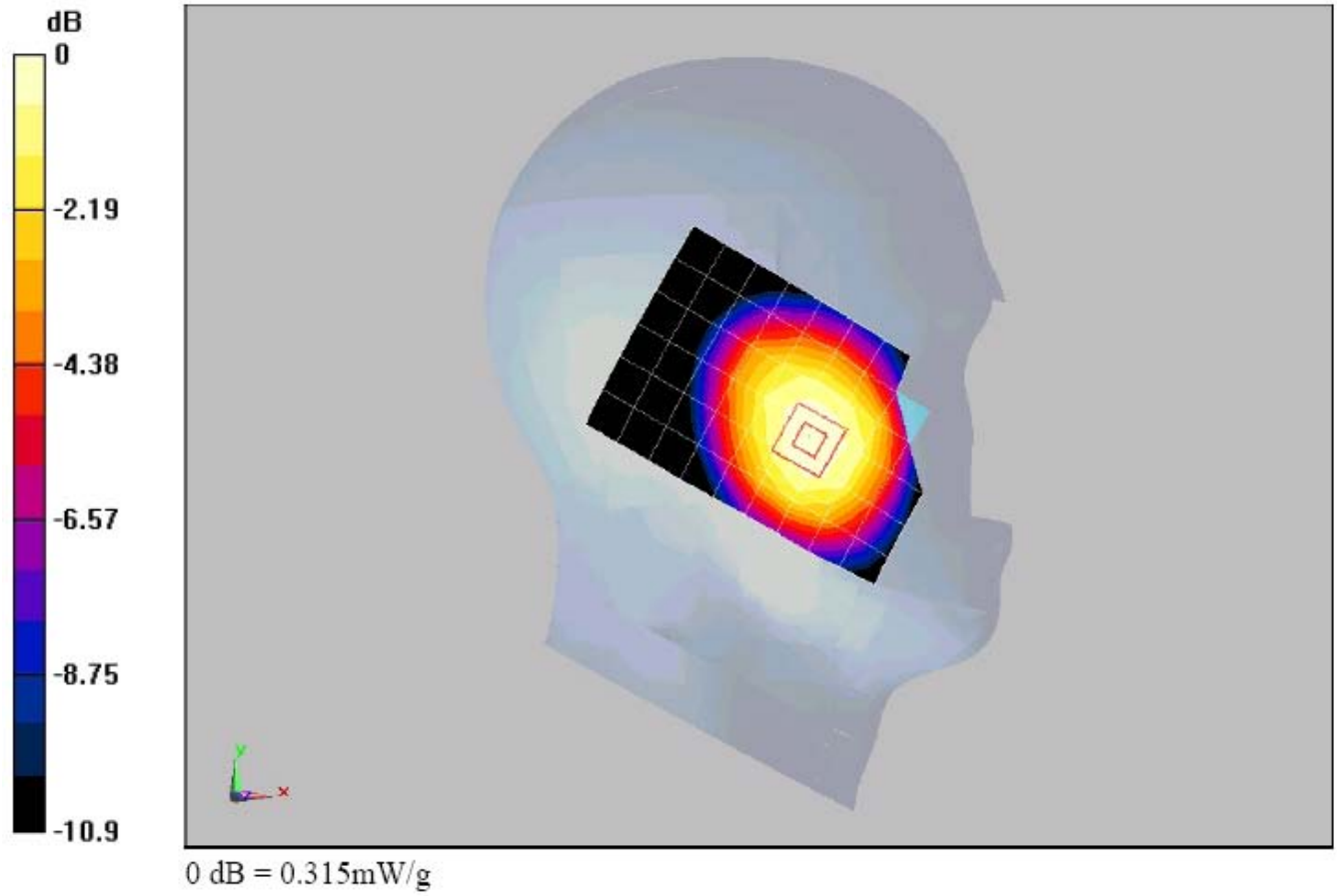
P1528_OET65_EN62209-LeftHandSide touched–GSM850

DUT: U7519

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.89 mho/m; ε_r = 42.5; ρ = 1000 kg/m3
Phantom section: Left Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.13, 9.13, 9.13); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.305 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.38 V/m; Power Drift = 0.080 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.230 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.315mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-17 09:51:49

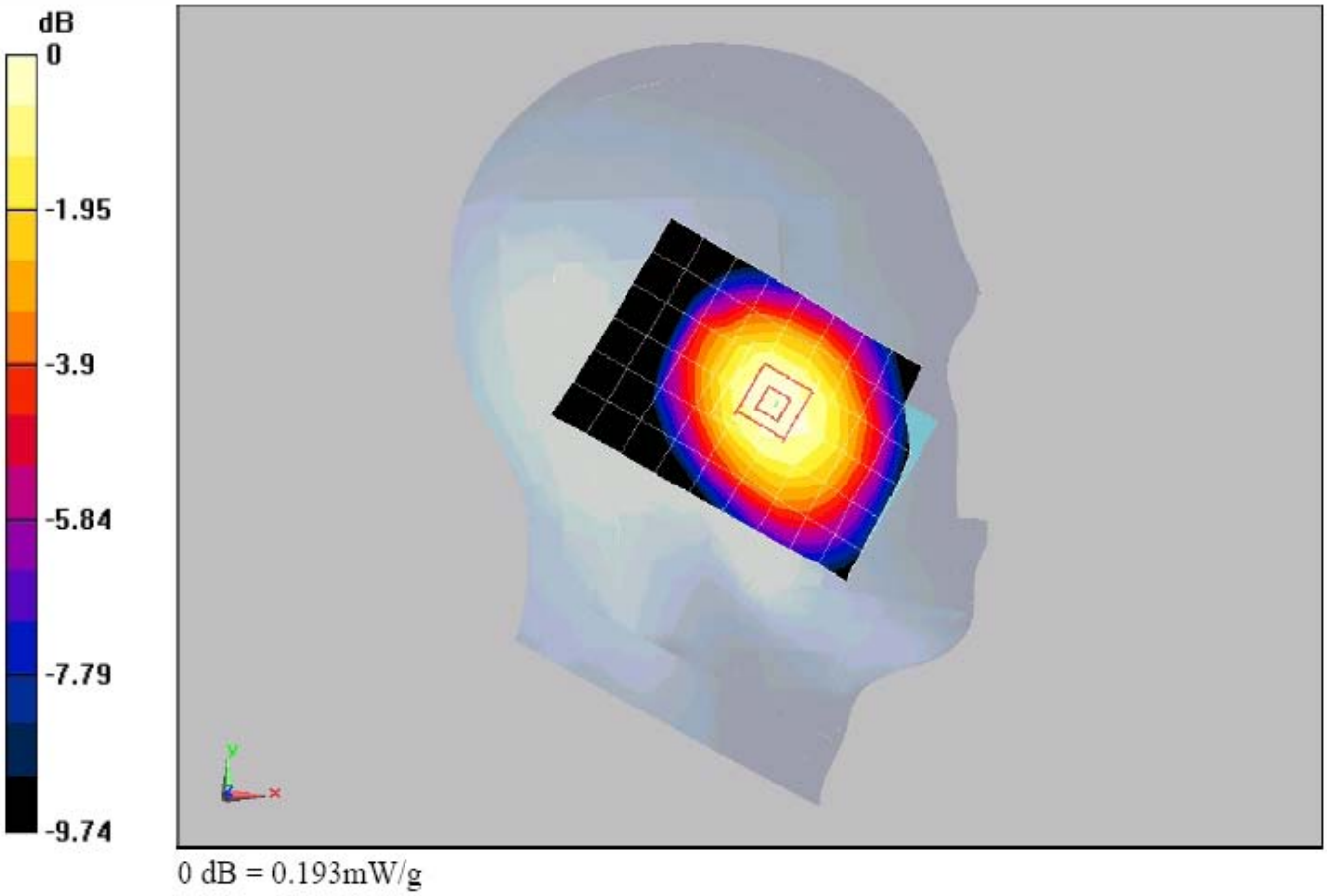
P1528_OET65_EN62209-LeftHandSide tilted 15°- GSM850

DUT: U7519

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.89 mho/m; ε_r = 42.5; ρ = 1000 kg/m3
Phantom section: Left Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.13, 9.13, 9.13); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.192 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.27 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.140 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.193mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-17 11:57:17

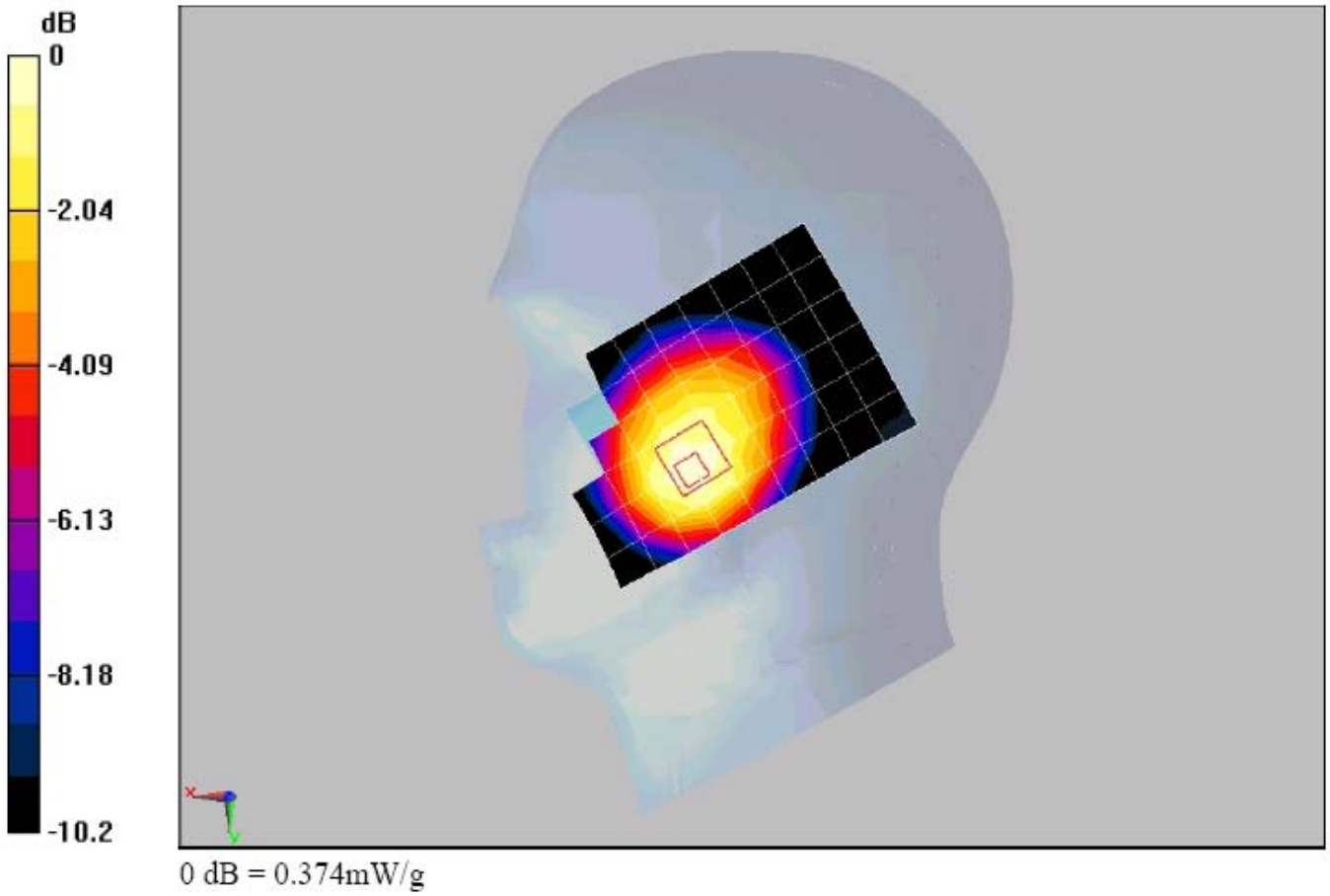
P1528_OET65_EN62209-RightHandSide touched–GSM850

DUT: U7519

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.89 mho/m; ε_r = 42.5; ρ = 1000 kg/m3
Phantom section: Right Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.13, 9.13, 9.13); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.380 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.78 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.268 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.374mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-17 12:25:52

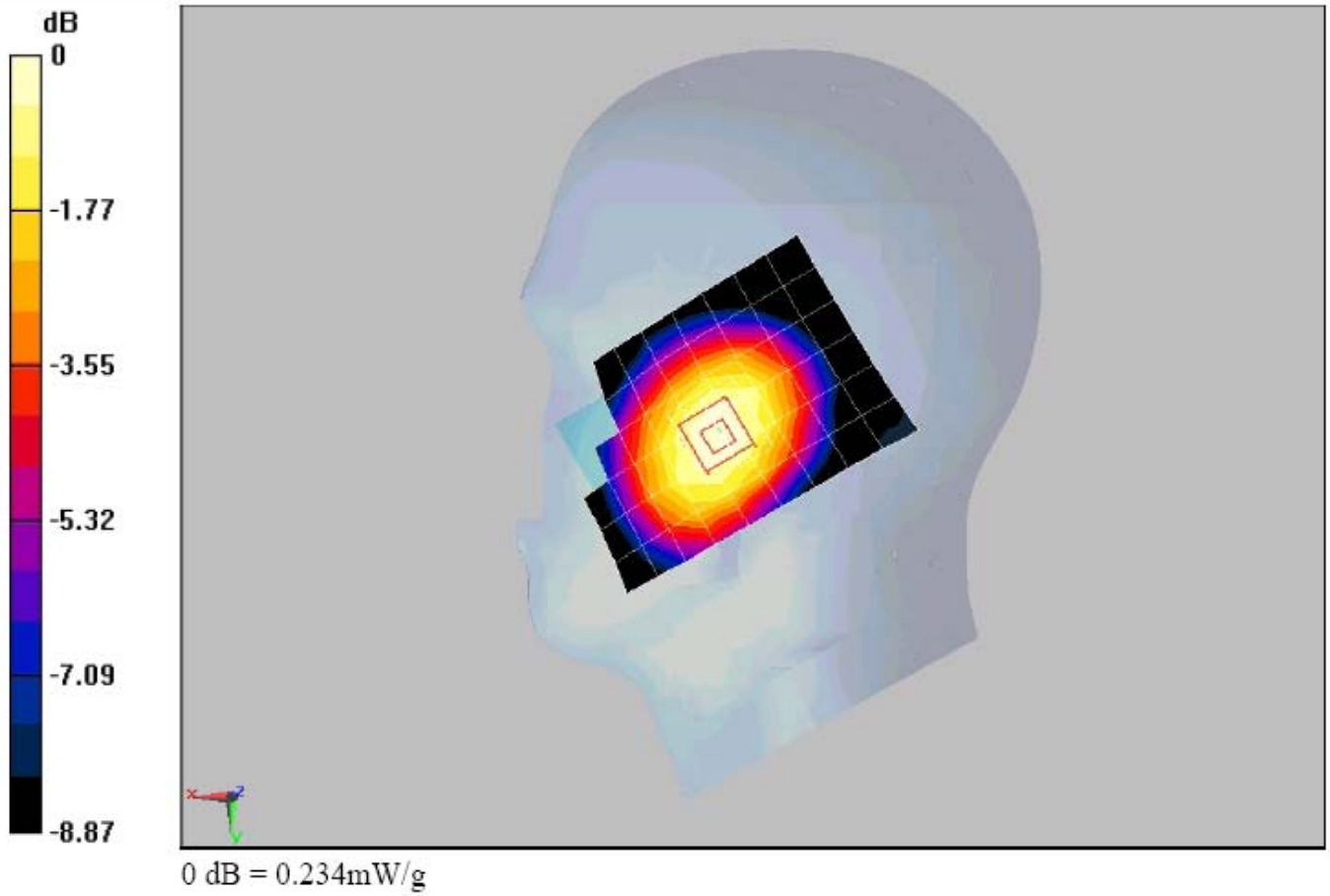
P1528_OET65_EN62209-RightHandSide tilted 15°-GSM850

DUT: U7519

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.89 mho/m; ε_r = 42.5; ρ = 1000 kg/m3
Phantom section: Right Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.13, 9.13, 9.13); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.225 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.190 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.171 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.234mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-17 13:05:12

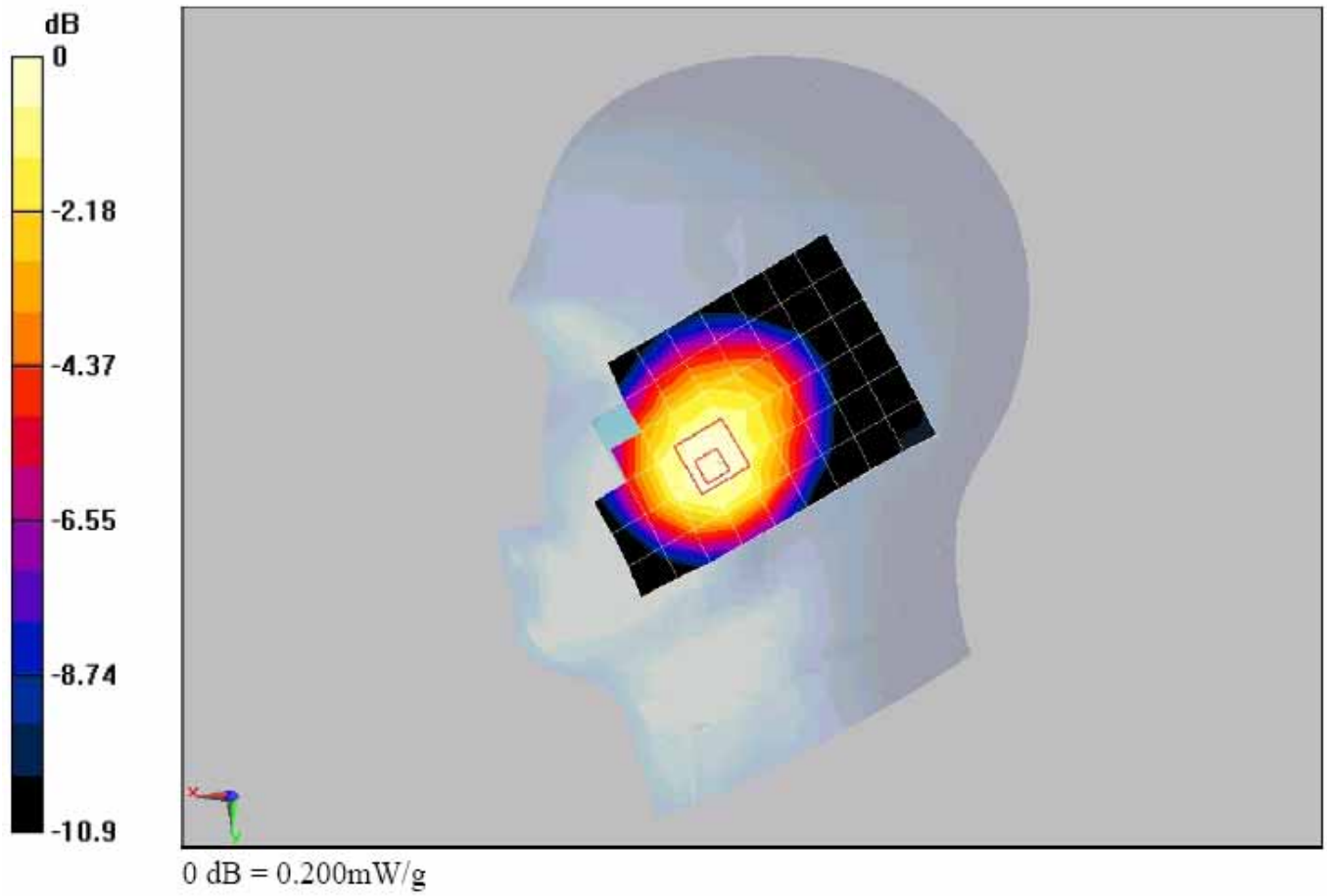
P1528_OET65_EN62209- RightHandSide touched –GSM850

DUT: U7519

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.902 mho/m; ε_r = 42.4; ρ = 1000 kg/m3
Phantom section: Right Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.13, 9.13, 9.13); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.200 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.67 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.258 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.144 mW/g
Info: Interpolated medium parameters used for SAR evaluation.



Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-17 14:16:24

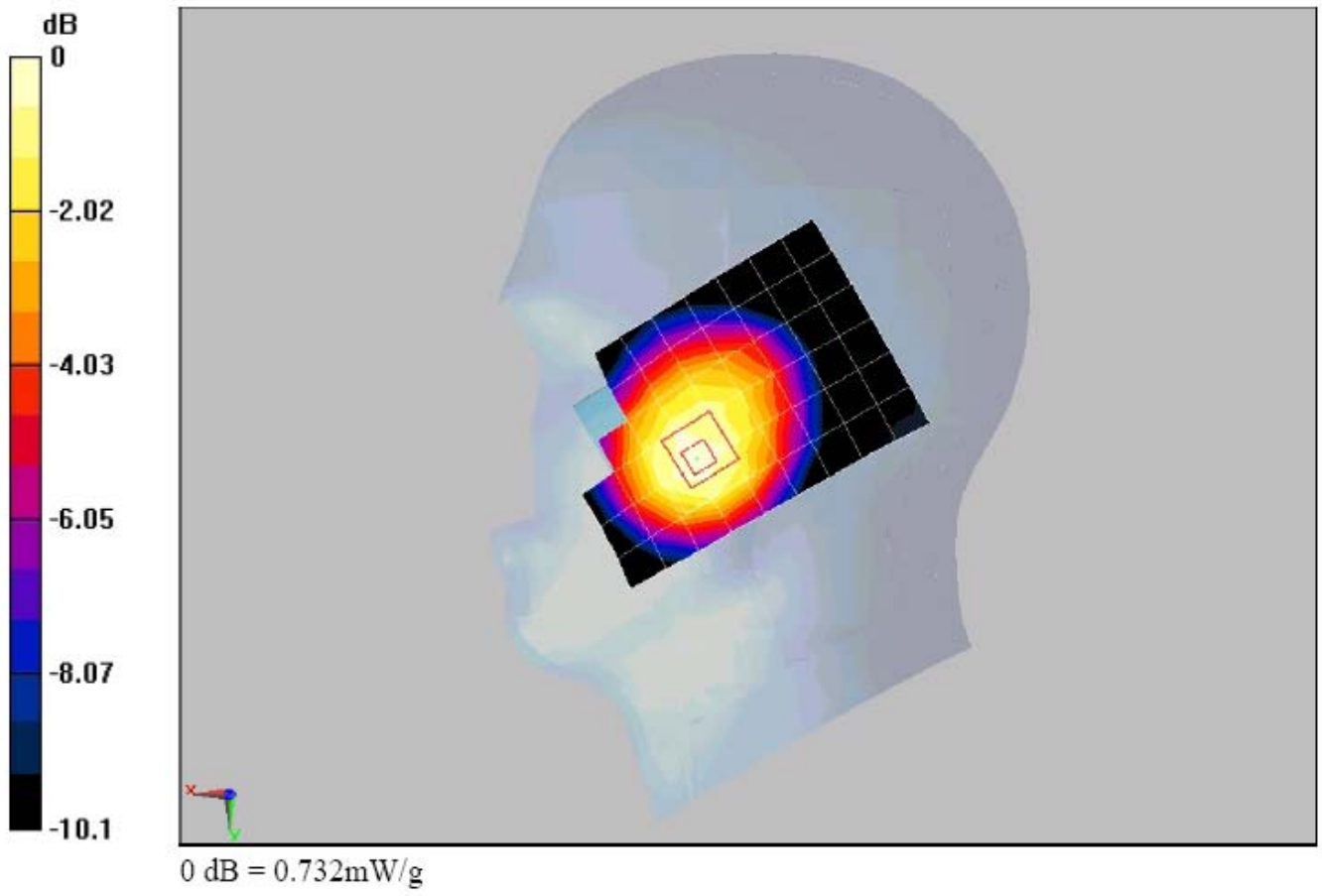
P1528_OET65_EN62209- RightHandSide touched –GSM850

DUT: U7519

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.878 mho/m; ε_r = 42.7; ρ = 1000 kg/m3
Phantom section: Right Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.13, 9.13, 9.13); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Head/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.731 mW/g

Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.36 V/m; Power Drift = -0.00677 dB
Peak SAR (extrapolated) = 0.909 W/kg
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.523 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.732 mW/g



Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Annex 2.6 GSM 850 MHz body

Date/Time: 2009-08-17 21:58:29

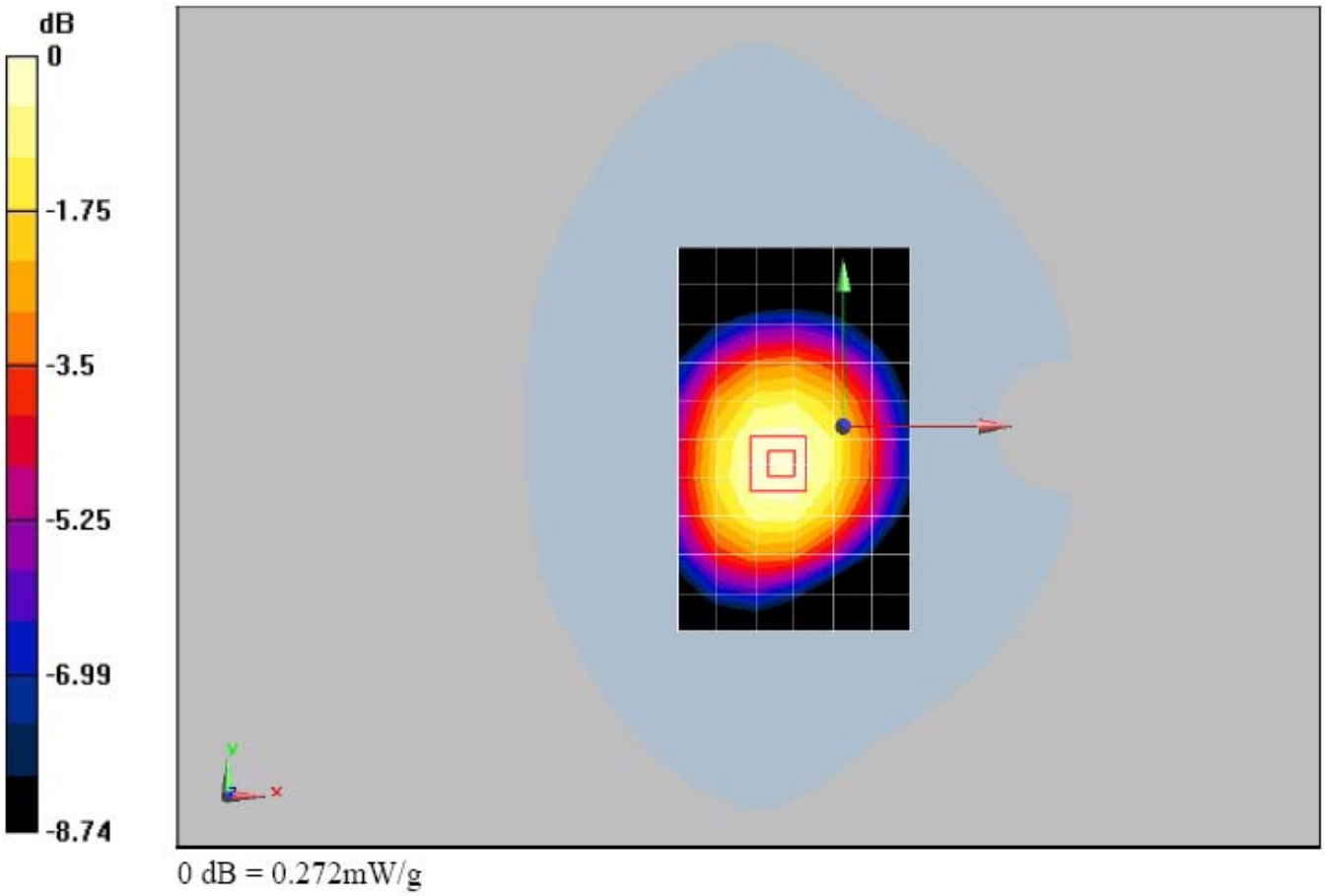
P1528_OET65_EN62209- GSM850 GPRS 2TS towards phantom

DUT: U7519

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.977 mho/m; ε_r = 55.4; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.09, 9.09, 9.09); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.263 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.7 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.334 W/kg
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.194 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.272mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-17 22:16:26

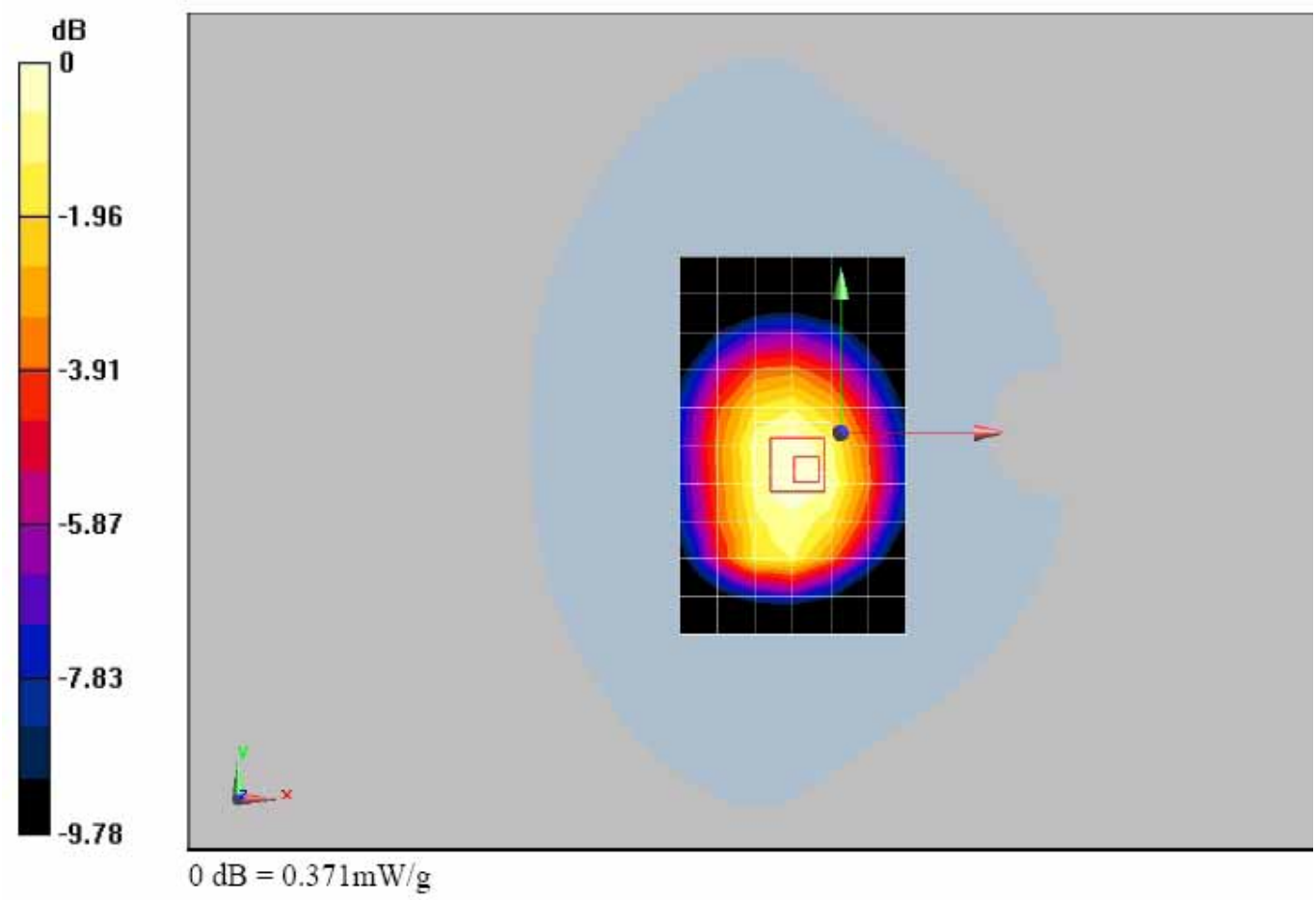
P1528_OET65_EN62209- GSM850 GPRS 2TS towards ground

DUT: U7519

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.977 mho/m; ε_r = 55.4; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.09, 9.09, 9.09); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.375 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.243 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.371 mW/g



Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-18 00:46:17

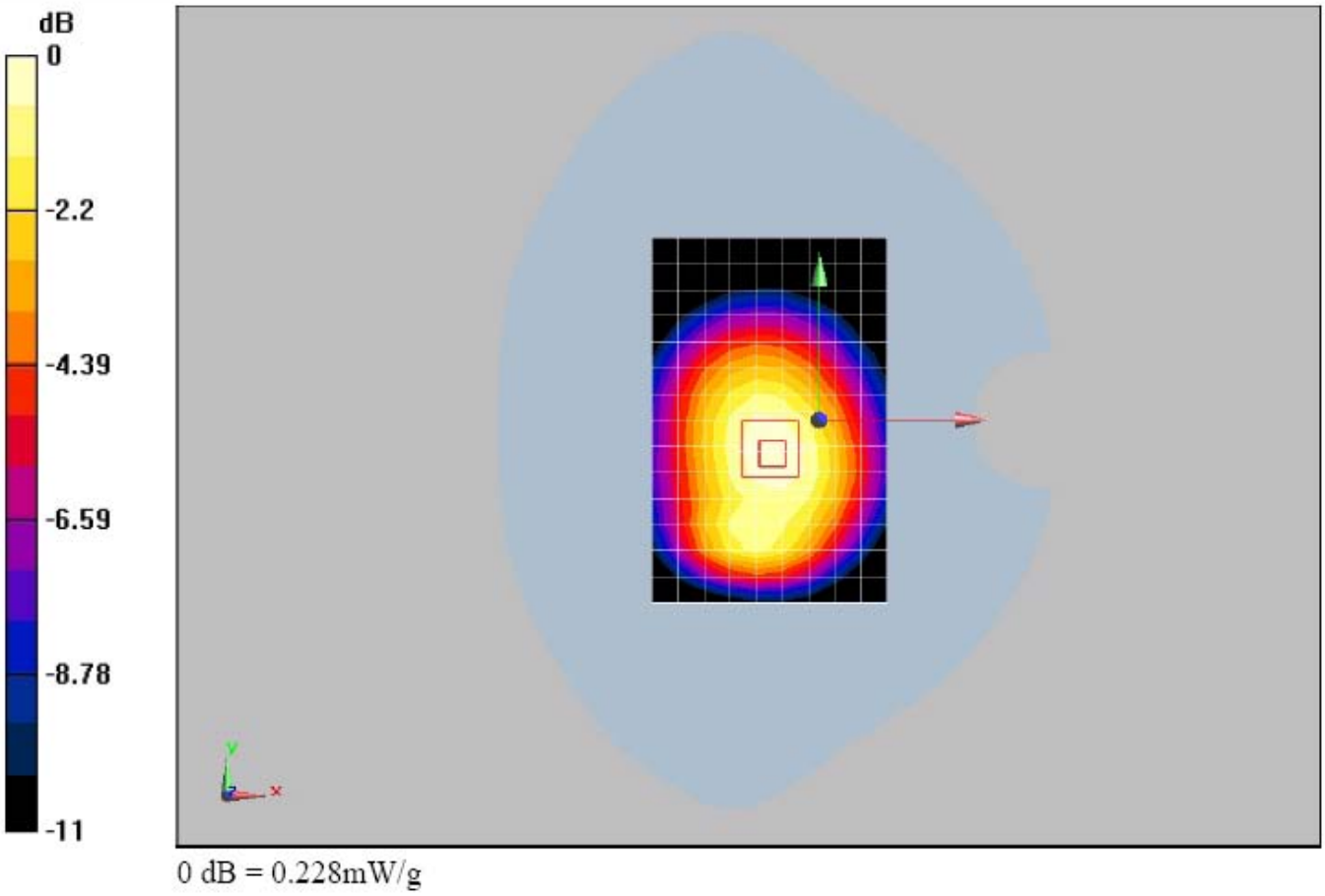
P1528_OET65_EN62209- GSM850 GPRS 2TS towards ground

DUT: U7519

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.988 mho/m; ε_r = 55.3; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.09, 9.09, 9.09); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Body/Area Scan (10x15x1): Measurement grid: dx=10mm, dy=10mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.225 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.151 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.228 mW/g



Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-18 03:40:10

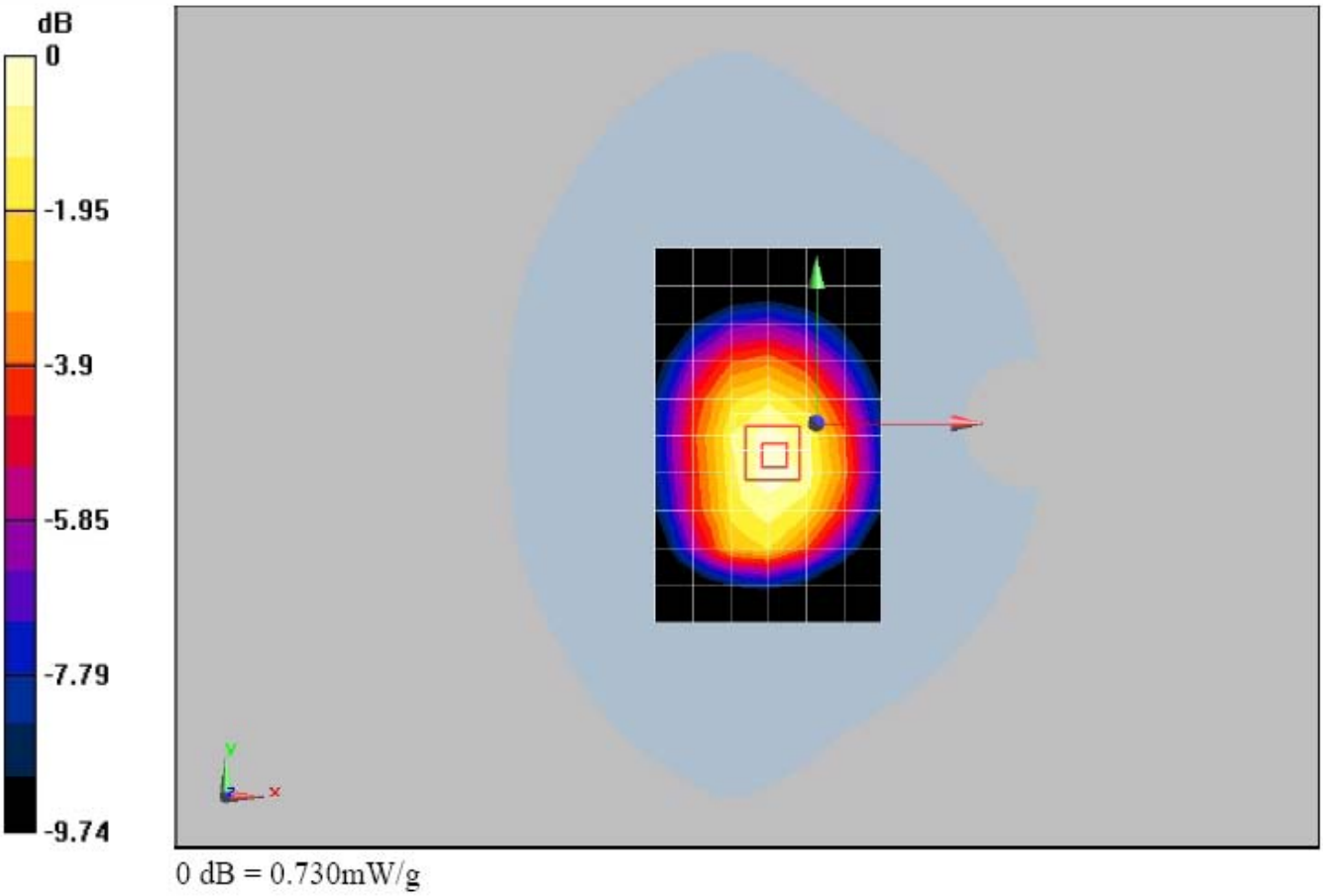
P1528_OET65_EN62209- GSM850 GPRS 2TS towards ground

DUT: U7519

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.965 mho/m; ε_r = 55.5; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.09, 9.09, 9.09); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.695 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.936 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.487 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-18 04:44:41

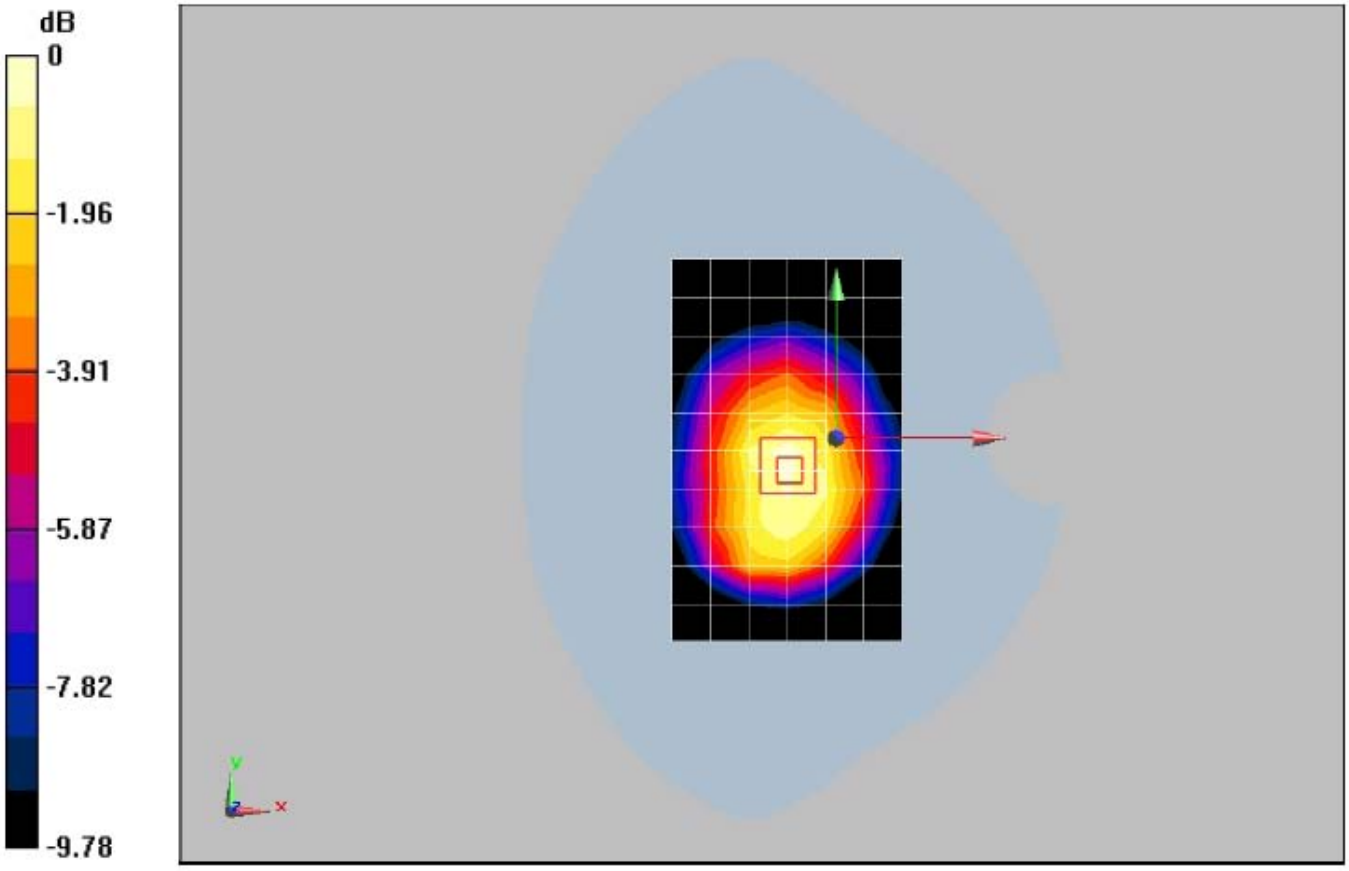
P1528_OET65_EN62209- GSM850 EGPRS 2TS towards ground

DUT: U7519

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.1
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.965 mho/m; ε_r = 55.5; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.09, 9.09, 9.09); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.252 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.169 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.267mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-18 05:55:00

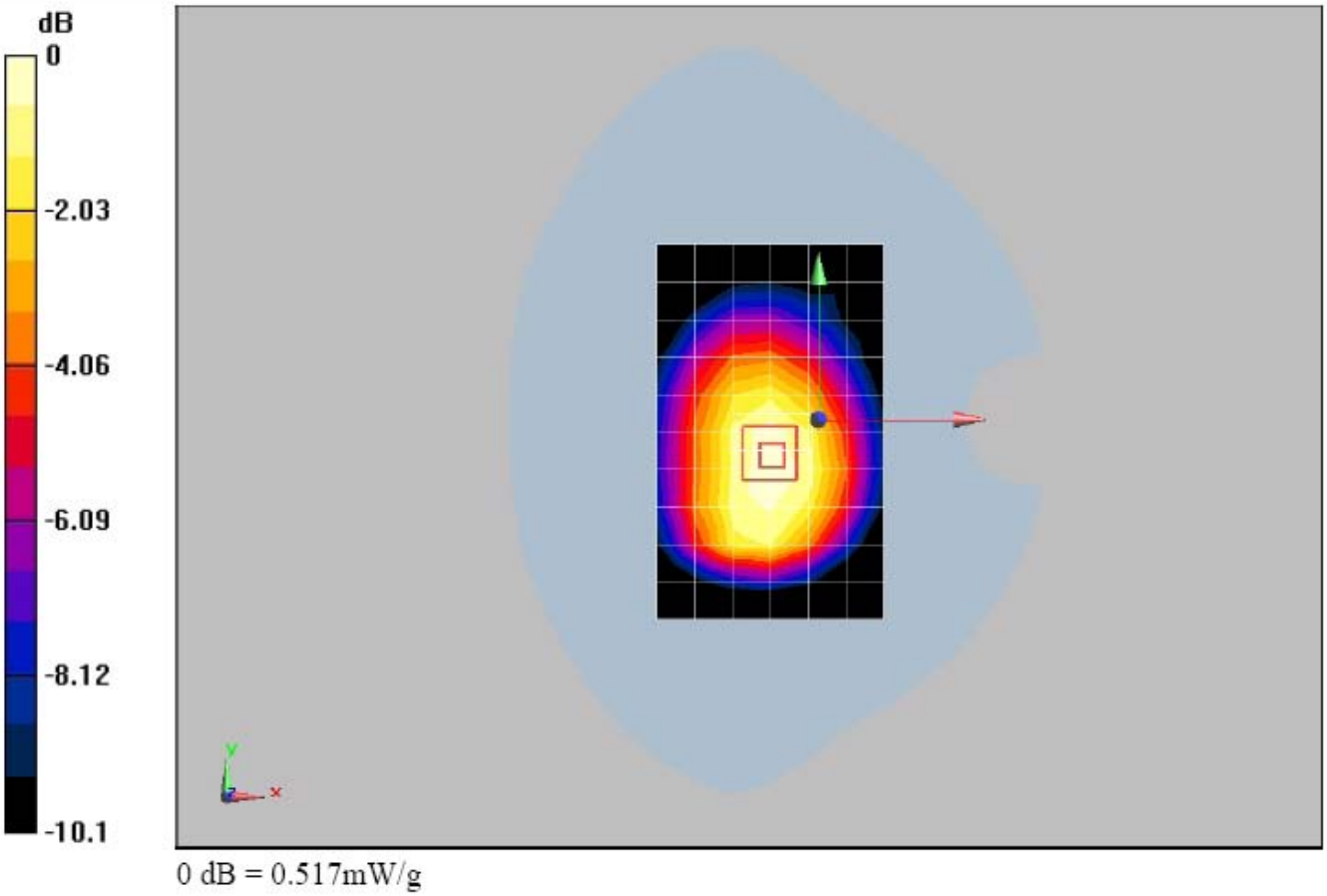
P1528_OET65_EN62209- GSM850 towards ground with Headset

DUT: U7519

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.965 mho/m; ε_r = 55.5; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.09, 9.09, 9.09); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.506 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.673 W/kg
SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.344 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.517 mW/g



0 dB = 0.517mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Date/Time: 2009-08-18 06:33:50

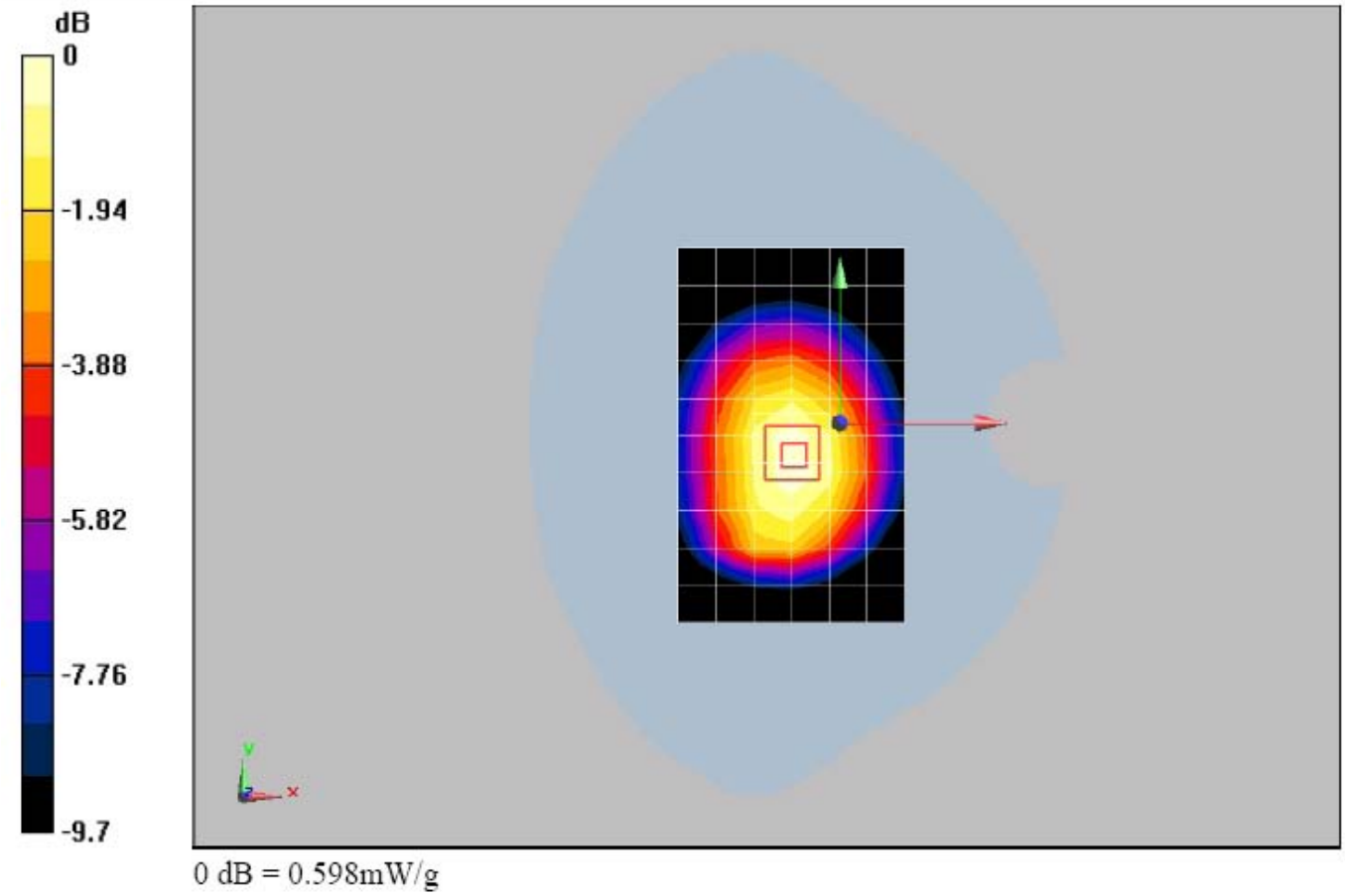
P1528_OET65_EN62209- GSM850 towards ground with Bluetooth Headset

DUT: U7519

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.965 mho/m; ε_r = 55.5; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY5 Configuration:
- Probe: EX3DV4 - SN3641; ConvF(9.09, 9.09, 9.09); Calibrated: 5/14/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 5/14/2009
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.575 mW/g

Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.3 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 0.760 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.400 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.598 mW/g

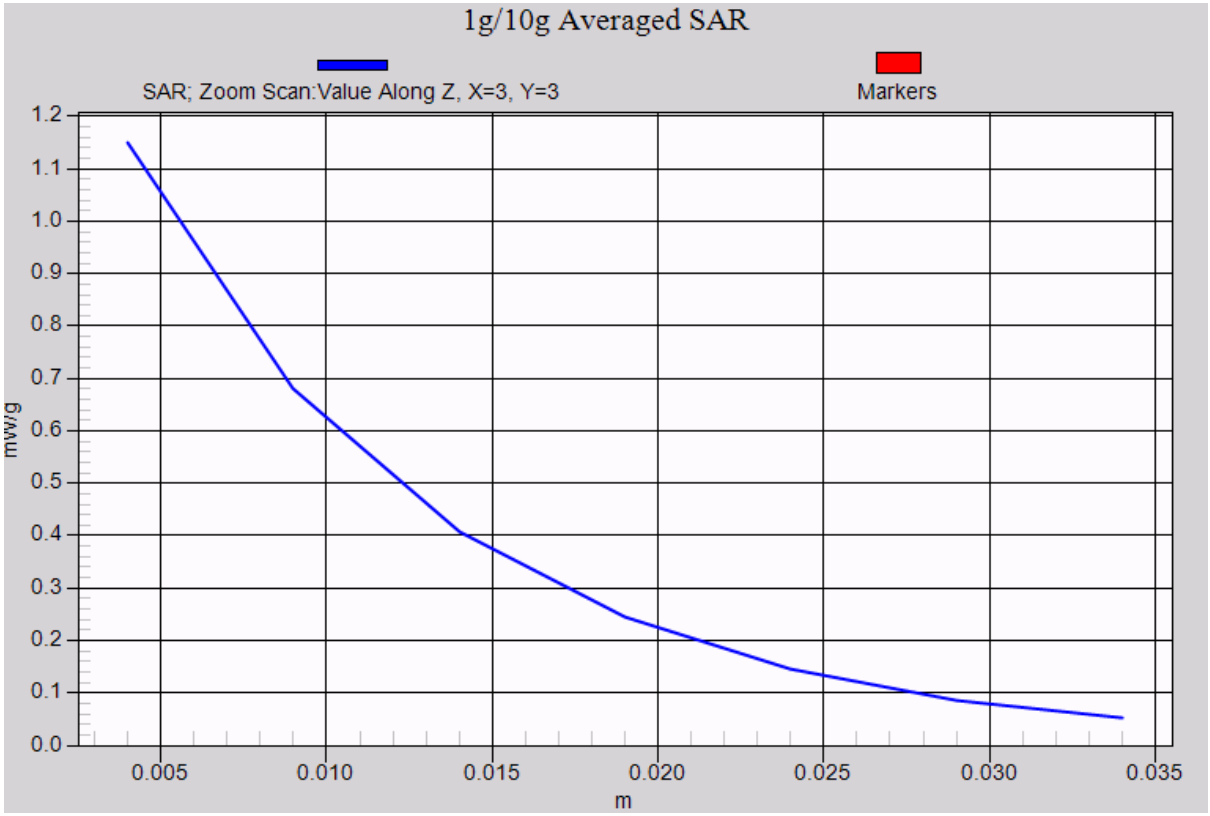


0 dB = 0.598mW/g

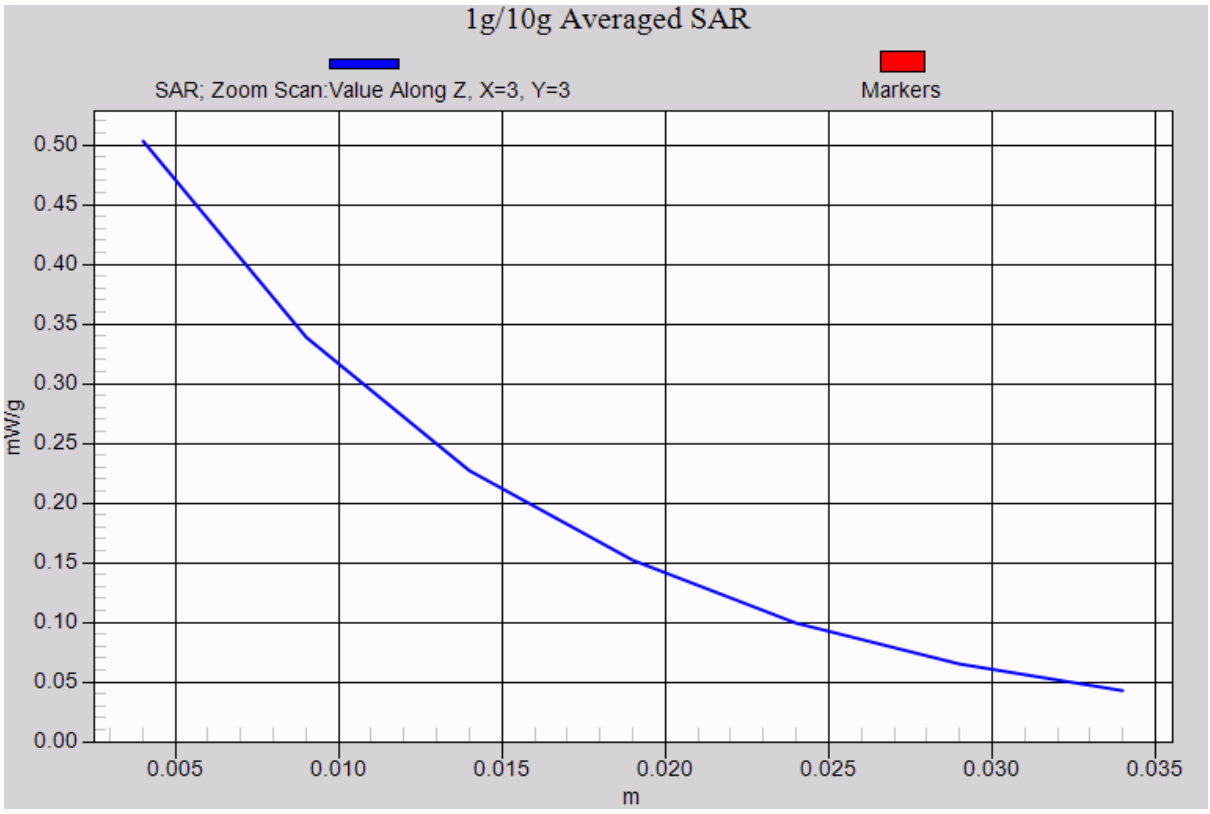
Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.0°C; liquid temperature: 22.3°C

Annex 2.7 Z-axis scans
WCDAM AWS head:

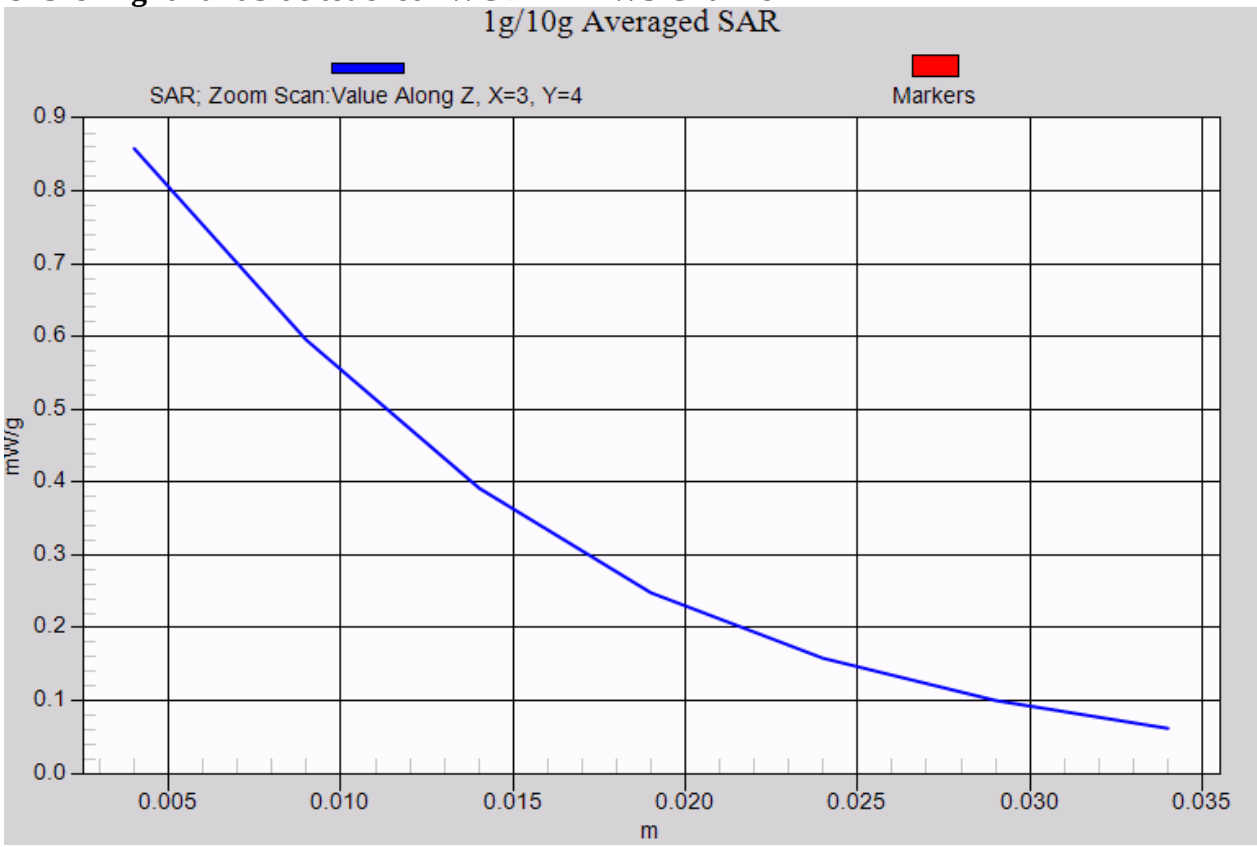
U7519 LeftHandSide touched- WCDAM AWS Channel 1412



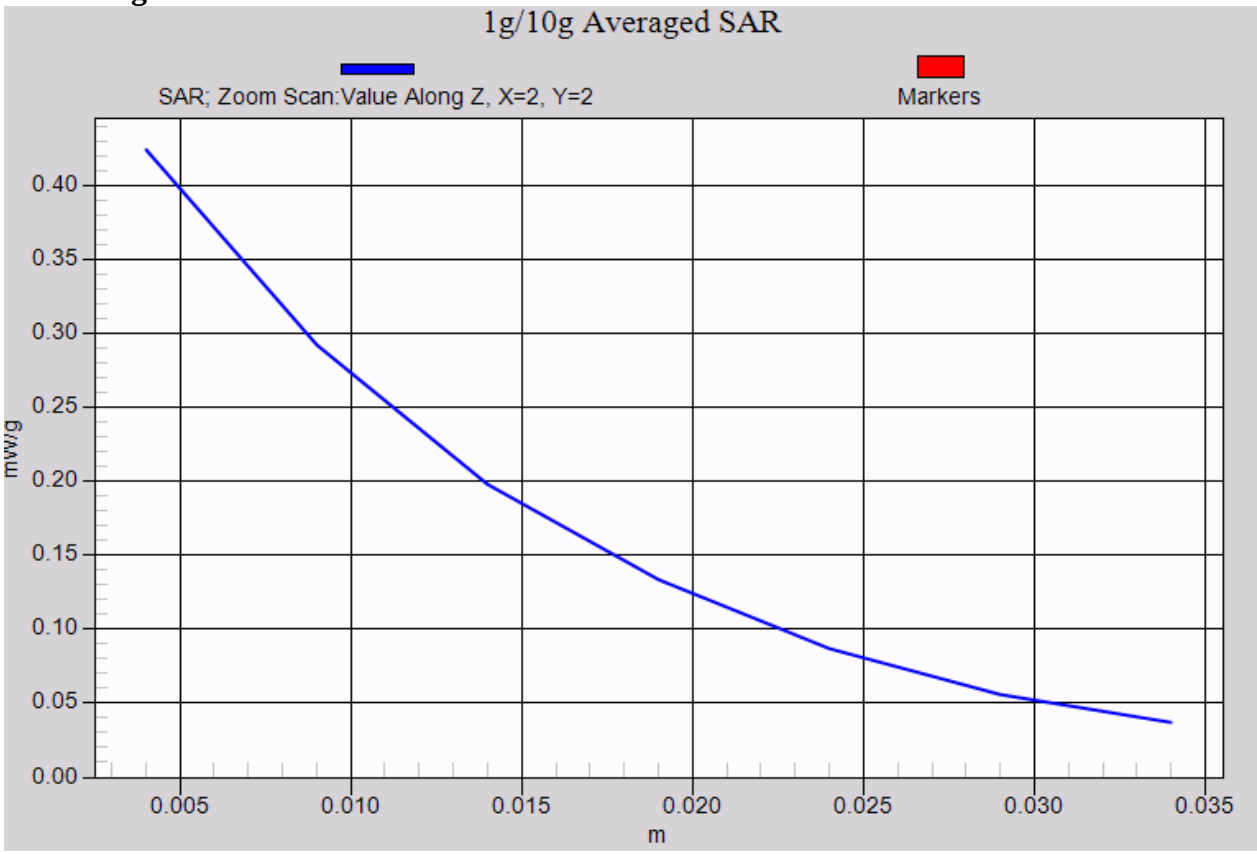
U7519 LeftHandSide tilted 15°-WCDAM AWS Channel 1412



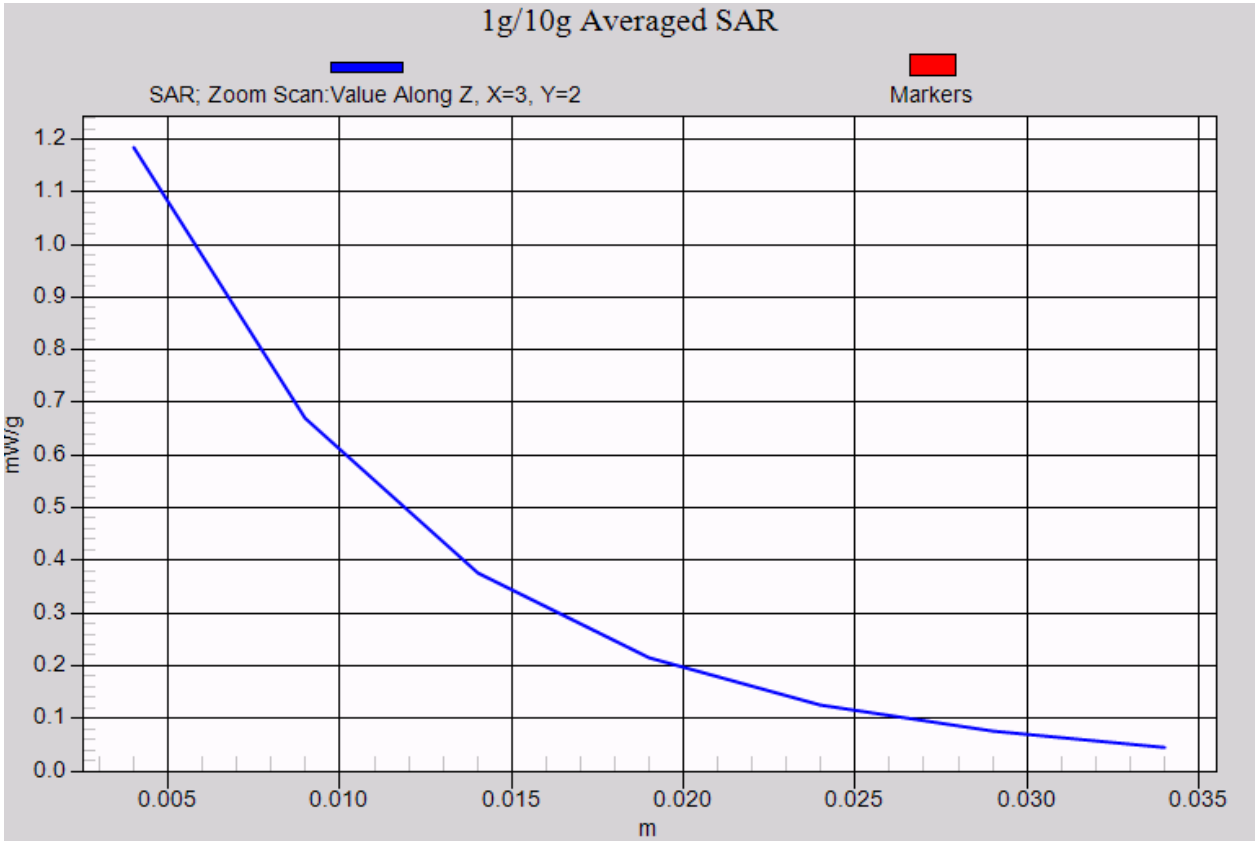
U7519 RightHandSide touched- WCDAM AWS Channel 1412



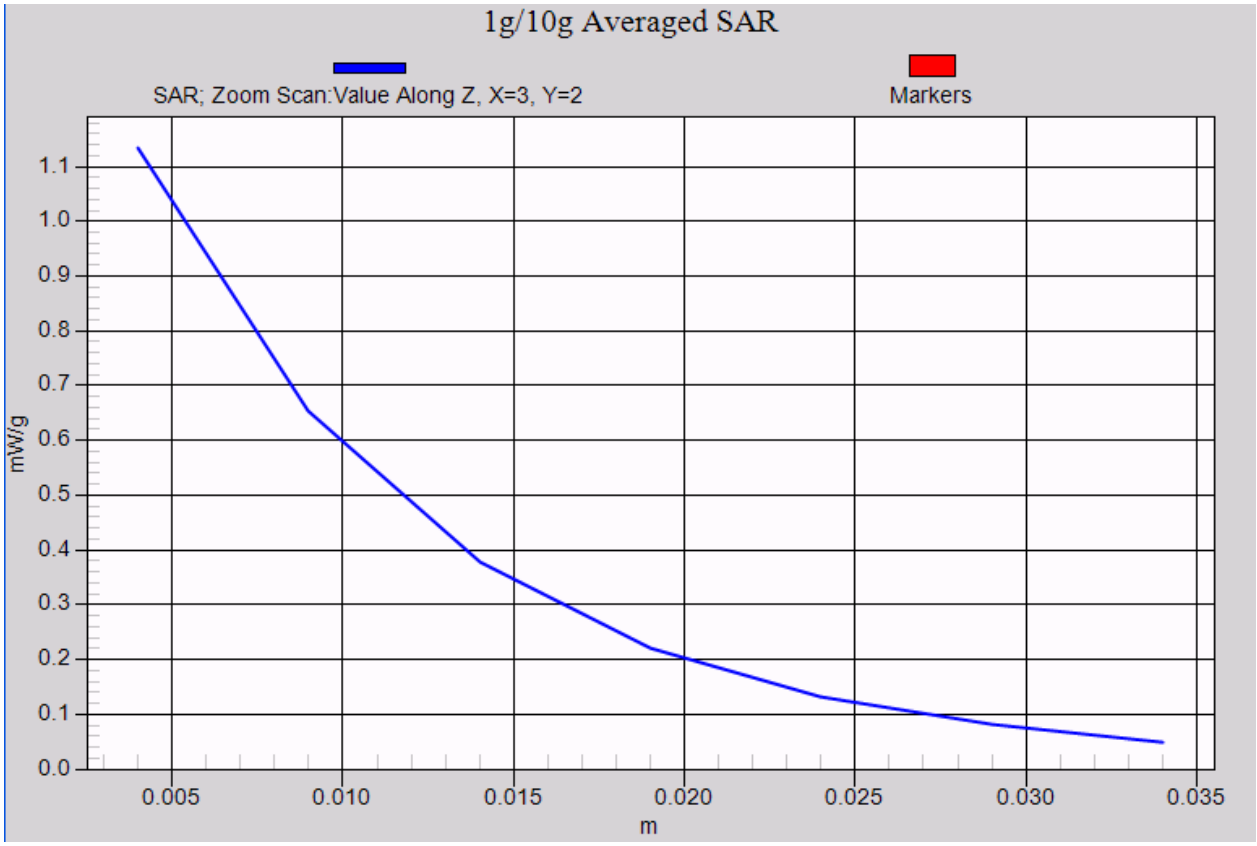
U7519 RightHandSide tilted 15°-WCDAM AWS Channel 1412



U7519 LeftHandSide touched- WCDAM AWS Channel 1513

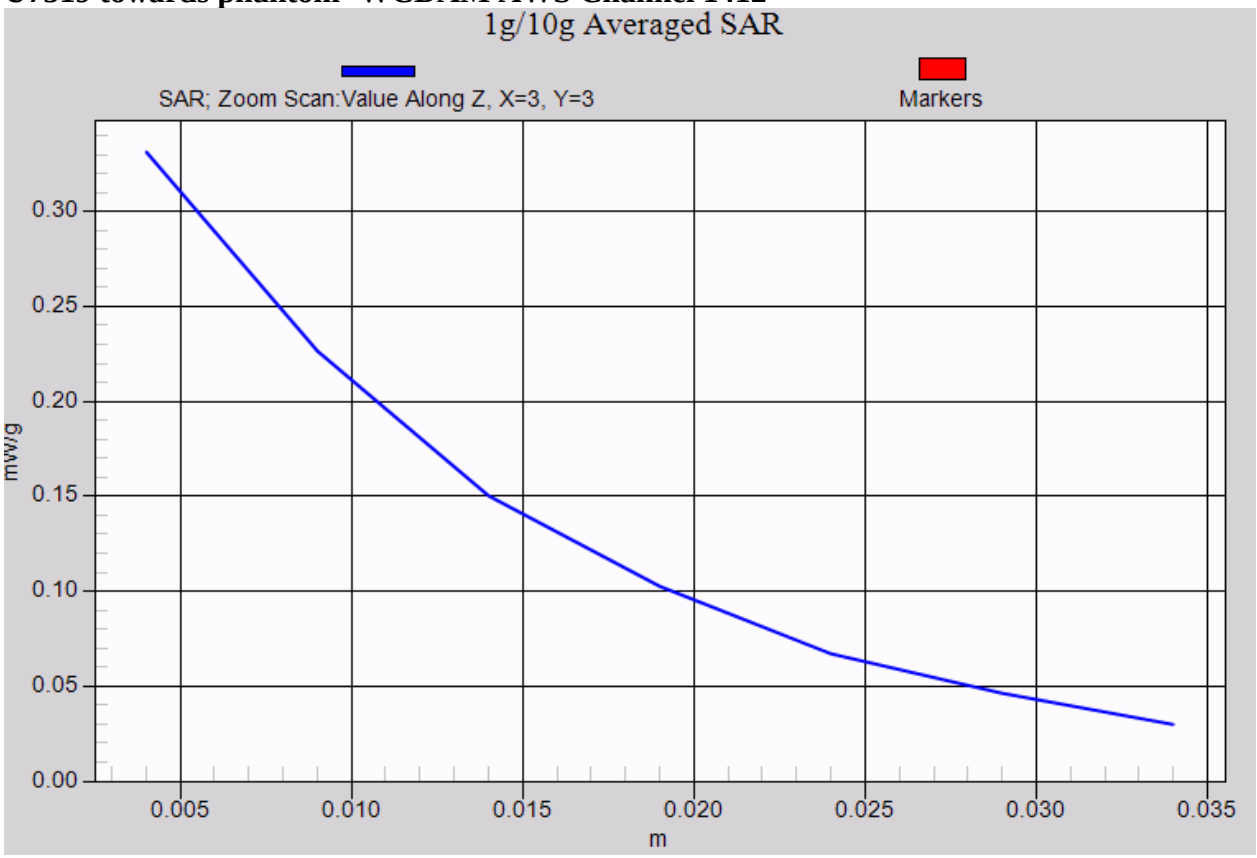


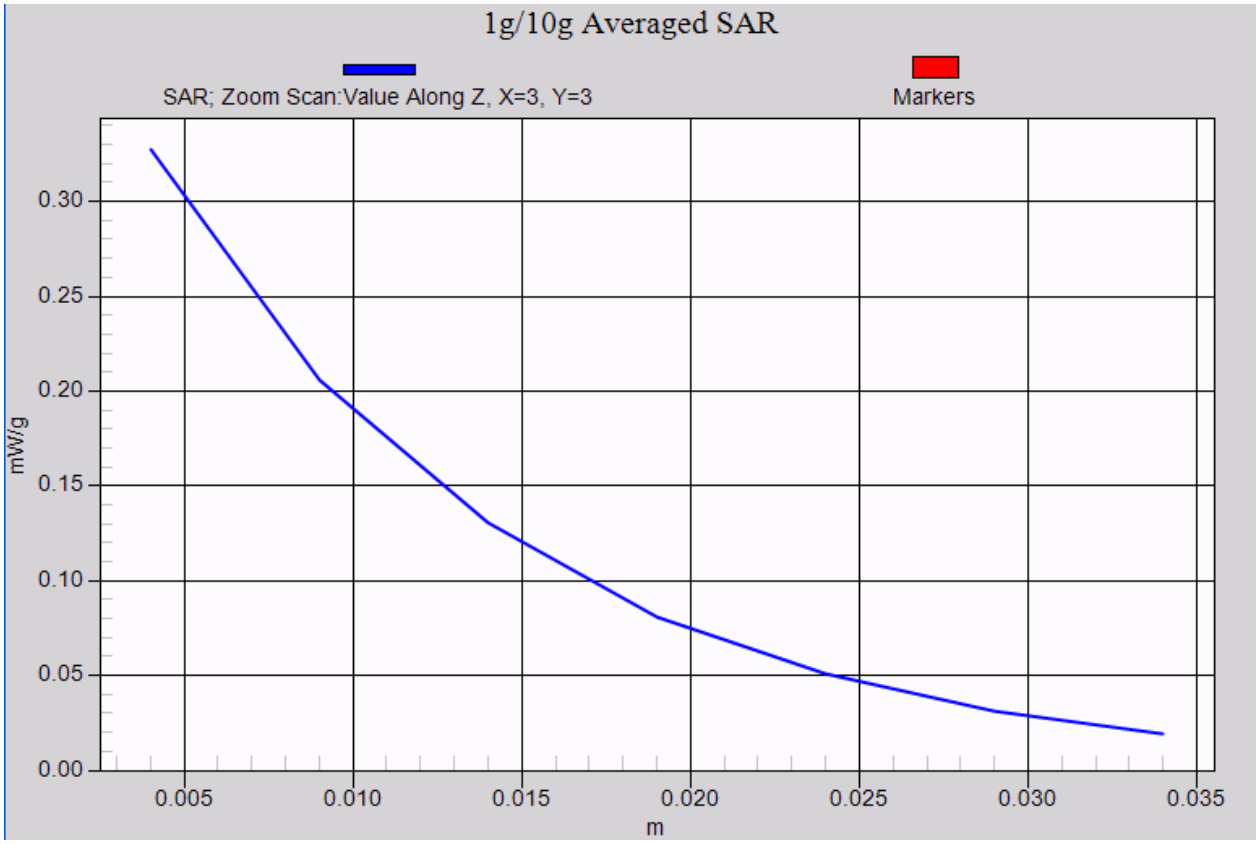
U7519 LeftHandSide touched- WCDAM AWS Channel 1312



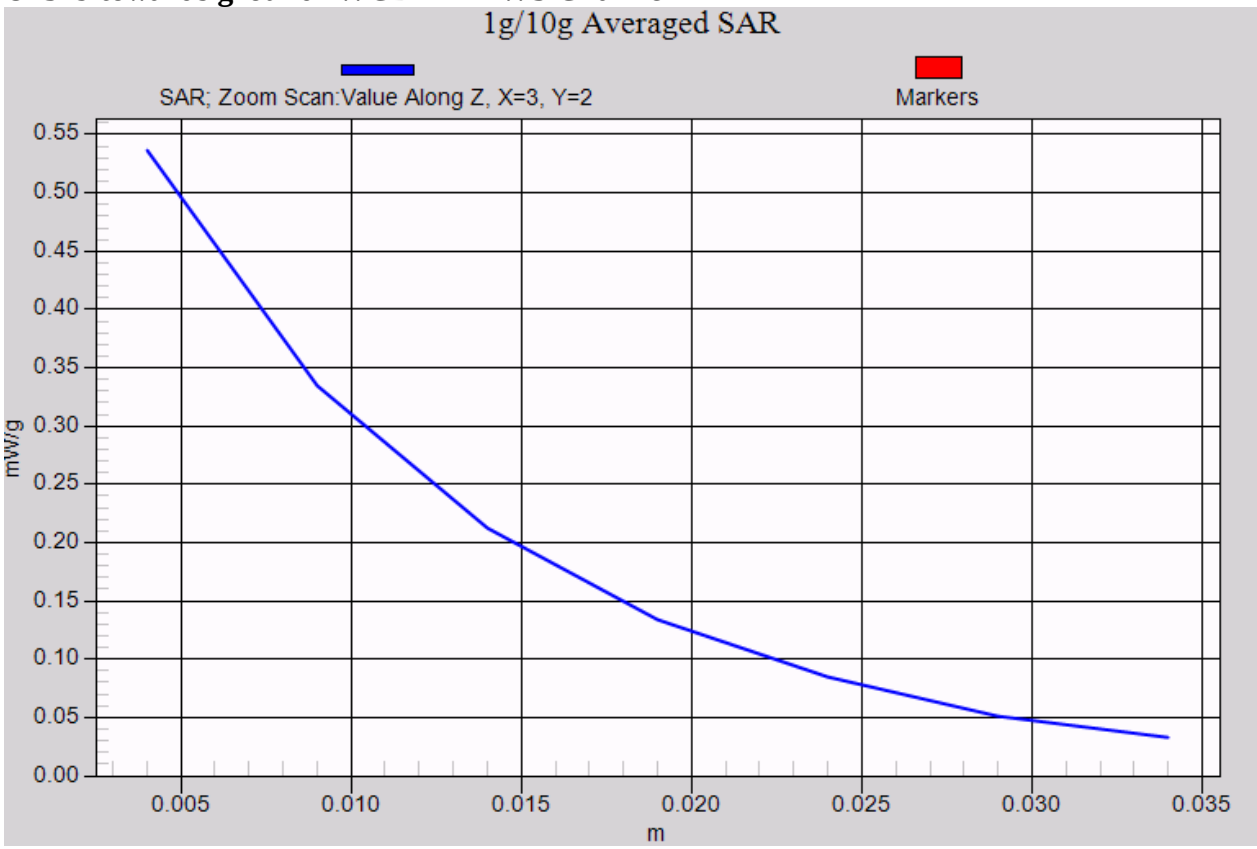
WCDAM AWS body:

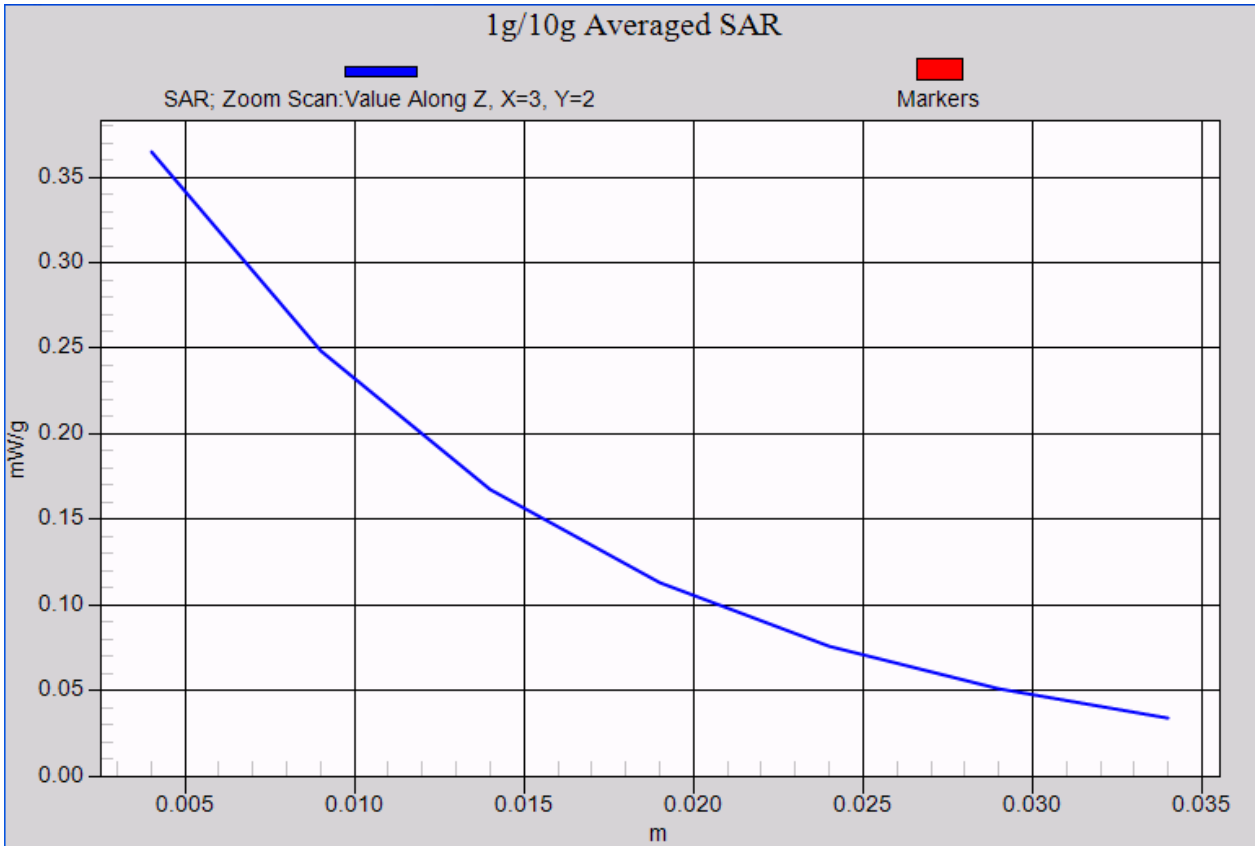
U7519 towards phantom- WCDAM AWS Channel 1412



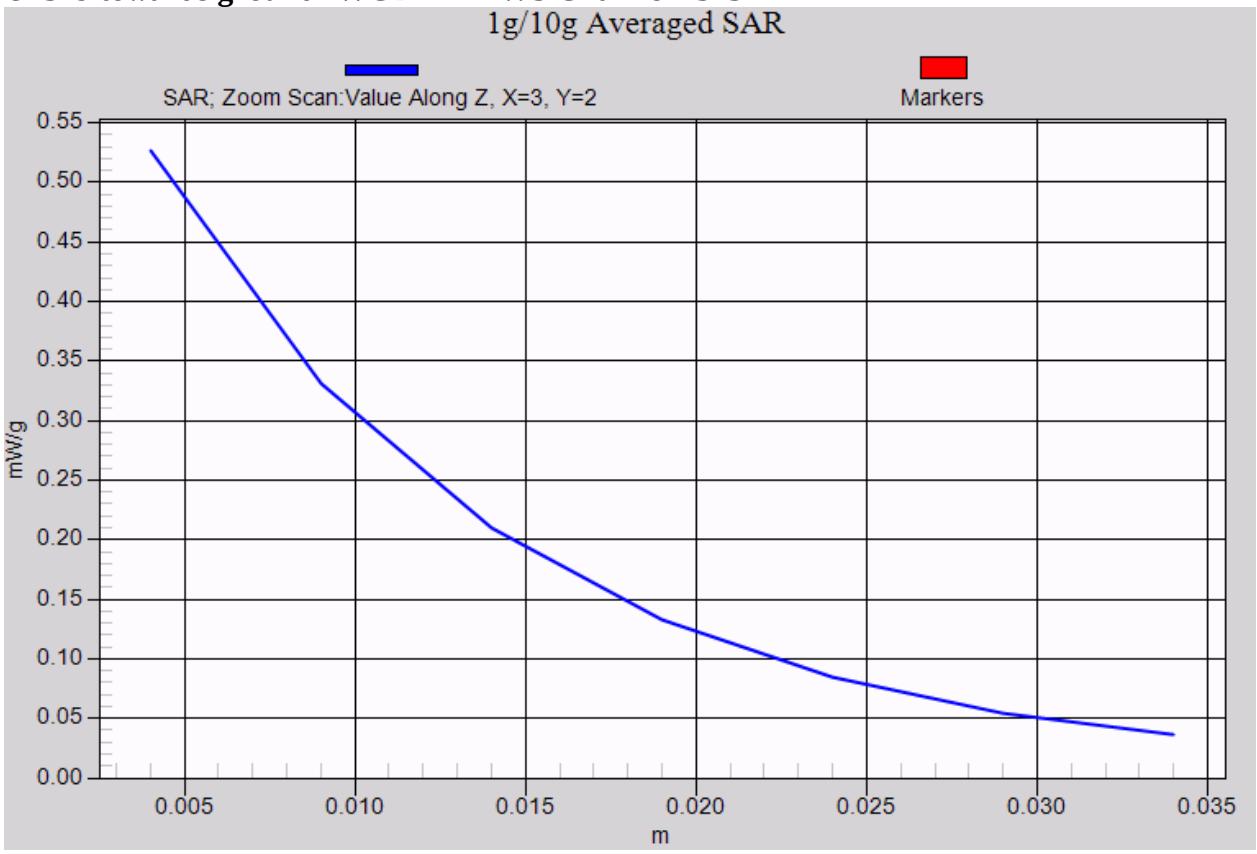


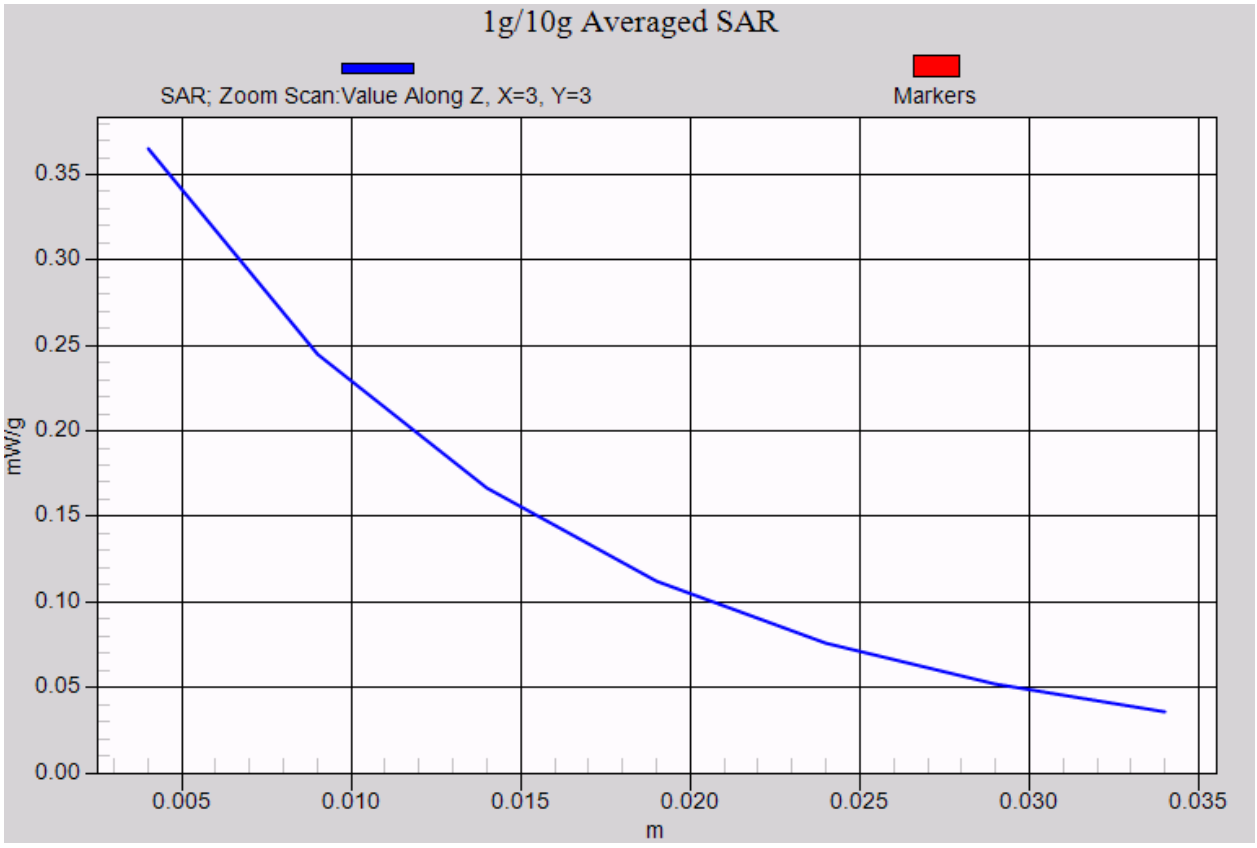
U7519 towards ground- WCDAM AWS Channel 1412



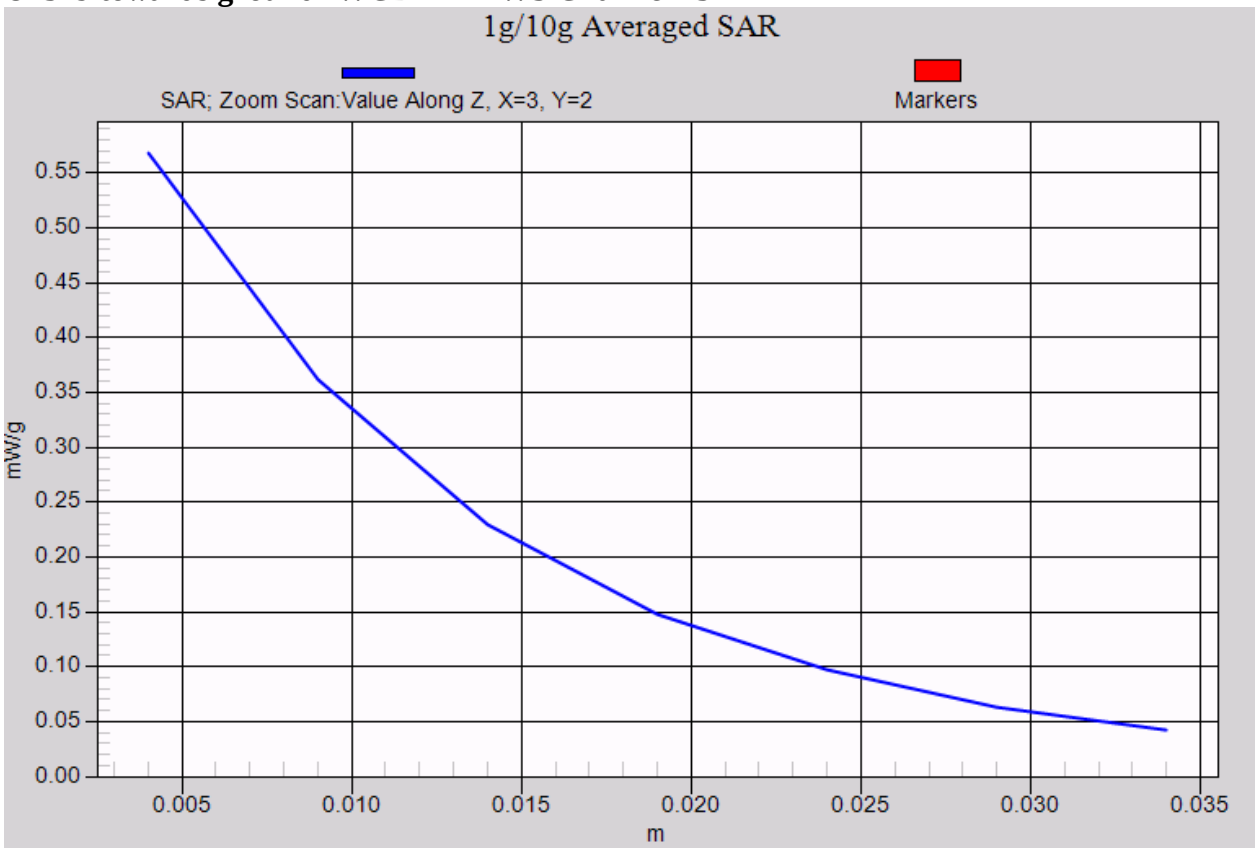


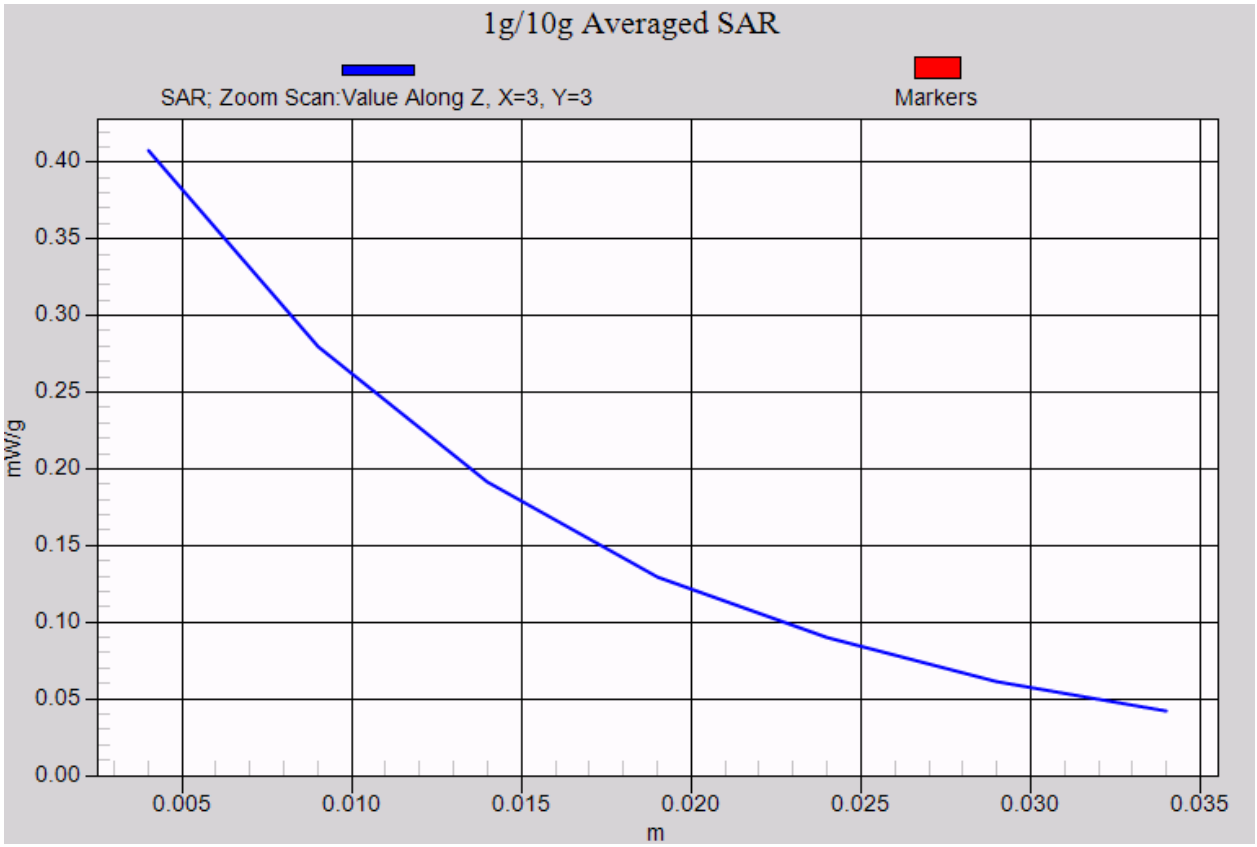
U7519 towards ground- WCDAM AWS Channel 1513



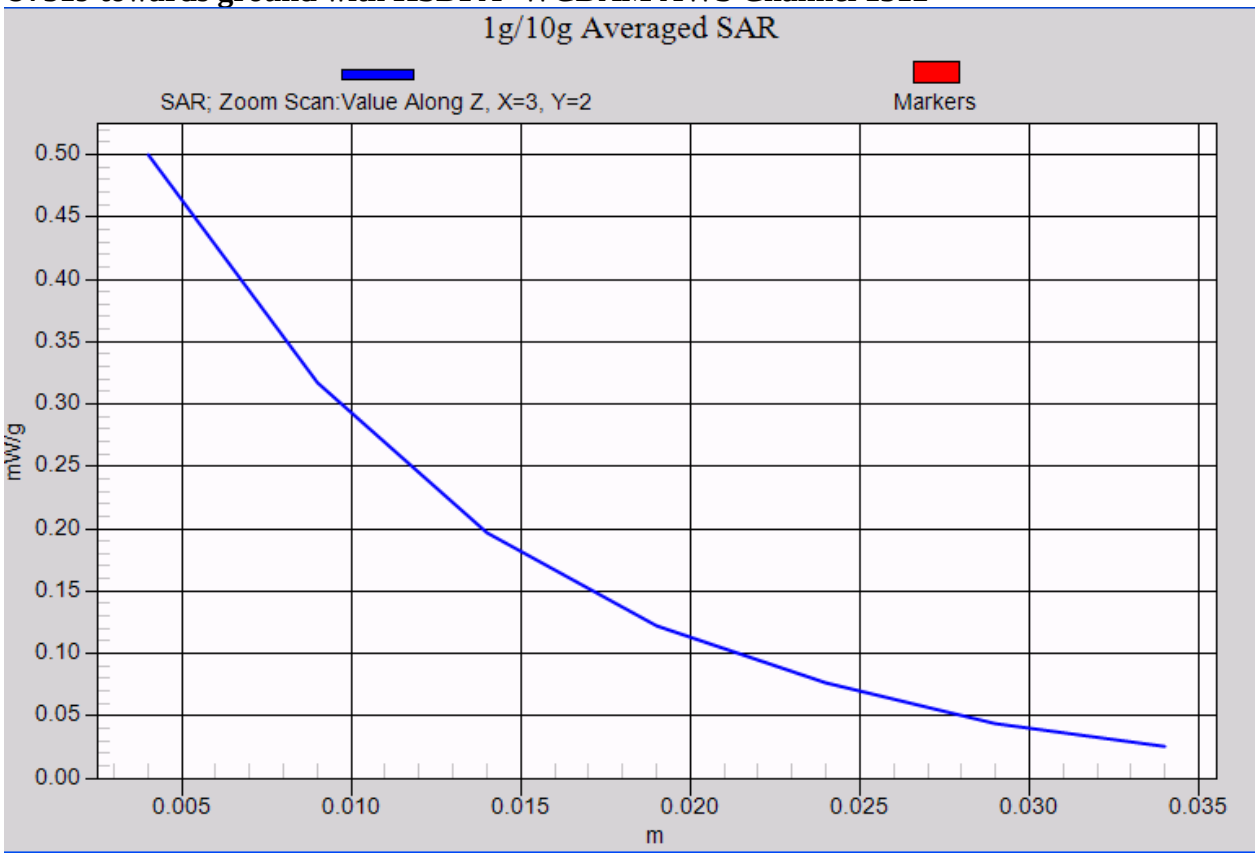


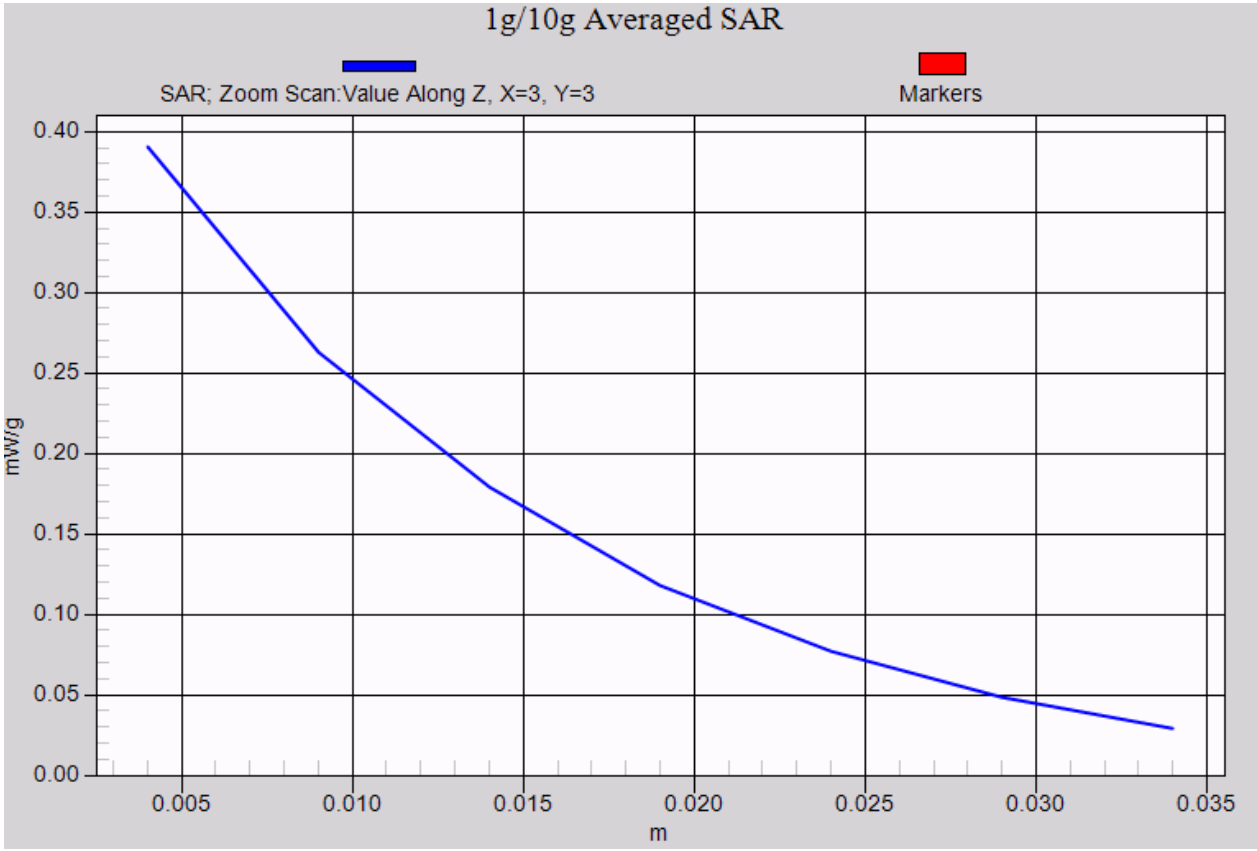
U7519 towards ground- WCDAM AWS Channel 1312



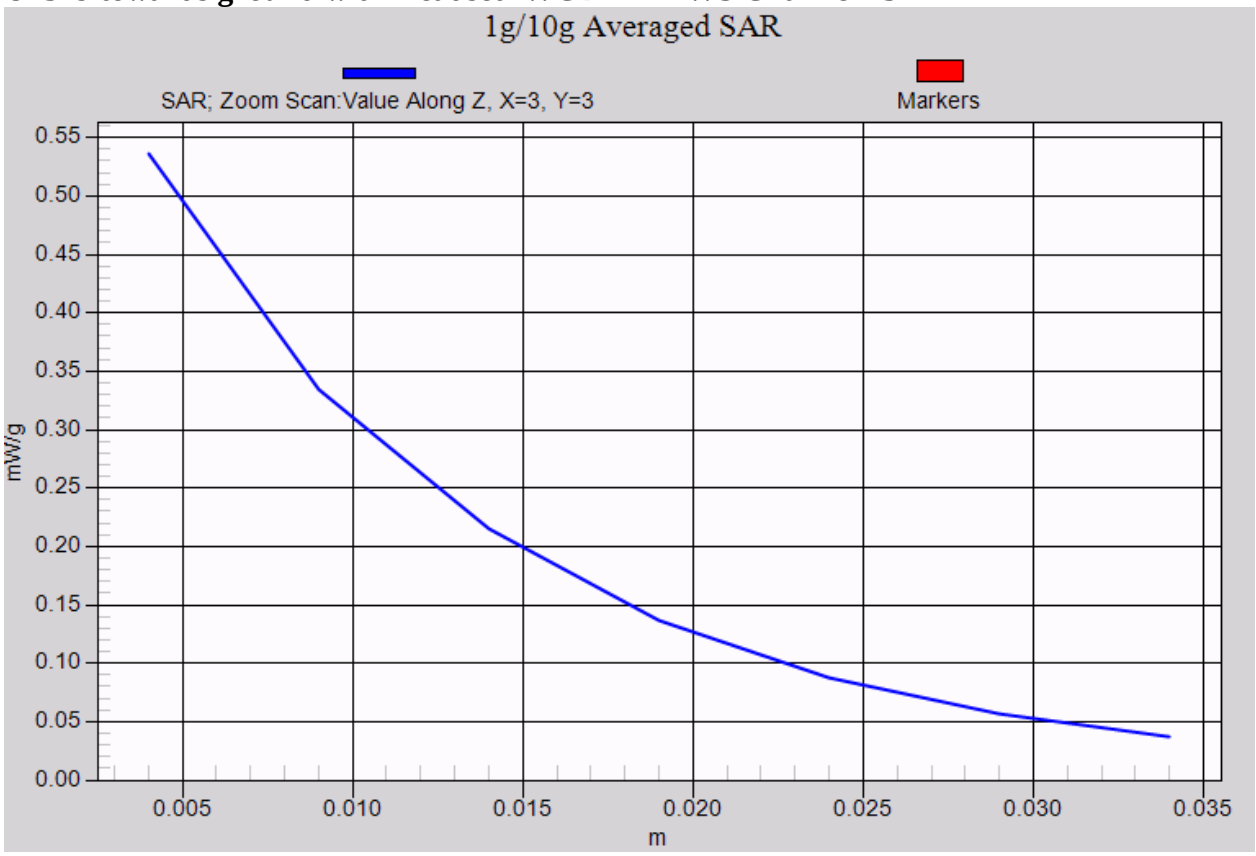


U7519 towards ground with HSDPA- WCDAM AWS Channel 1312

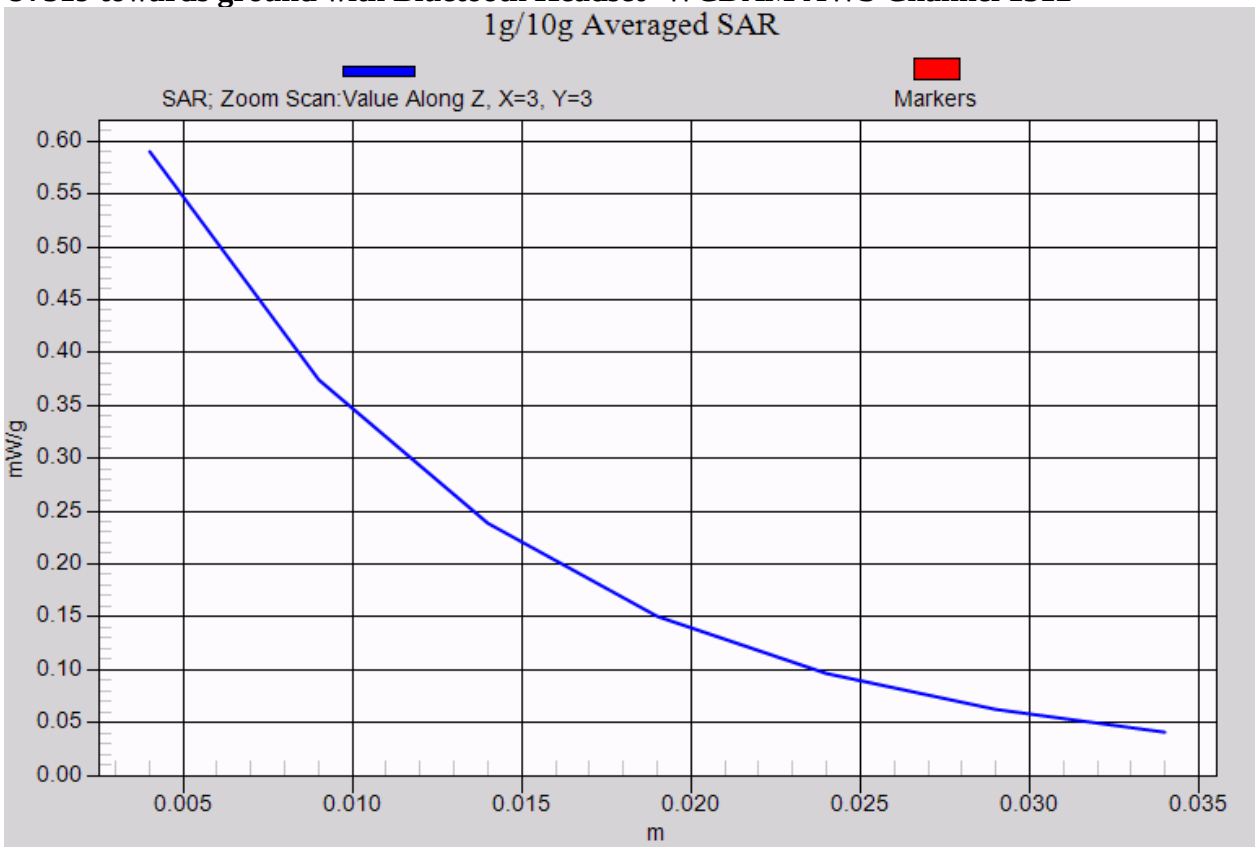


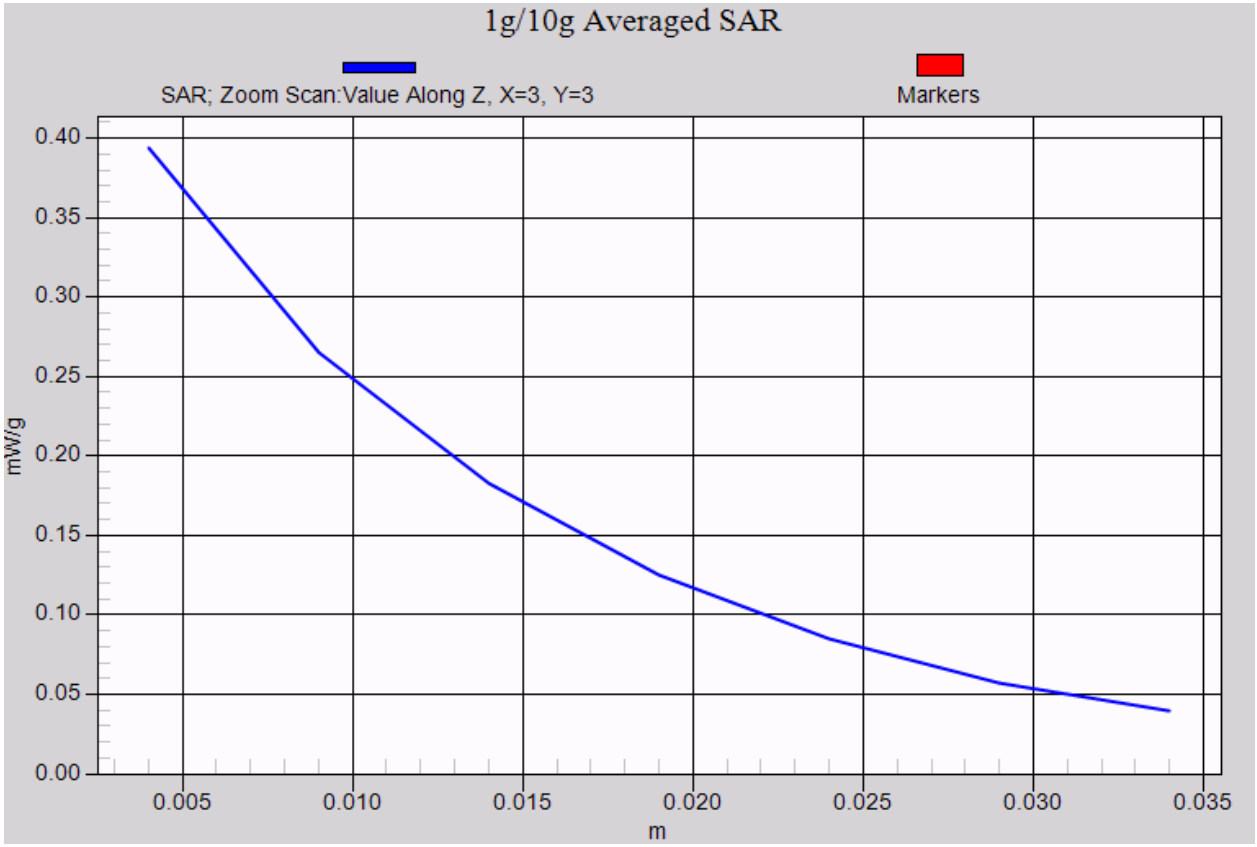


U7519 towards ground with Headset- WCDAM AWS Channel 1312



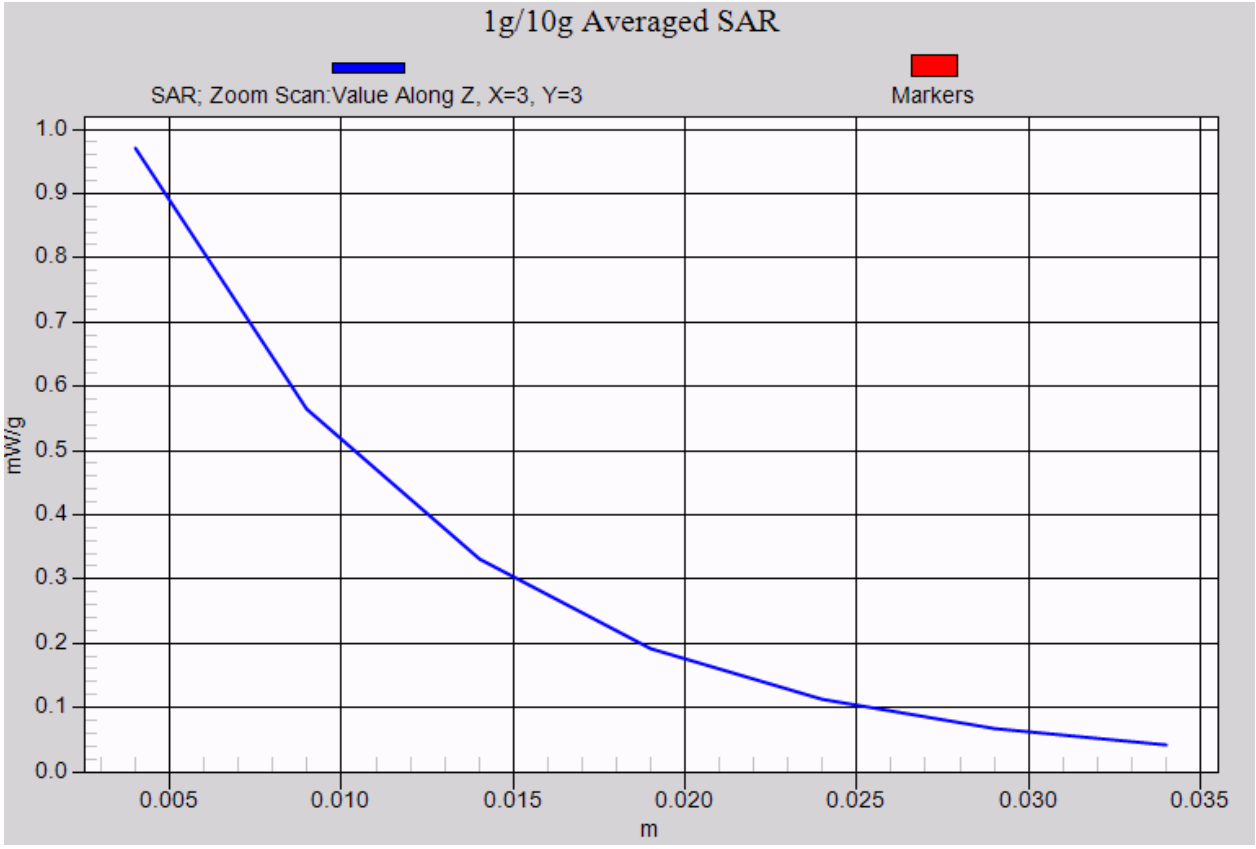
U7519 towards ground with Bluetooth Headset- WCDAM AWS Channel 1312



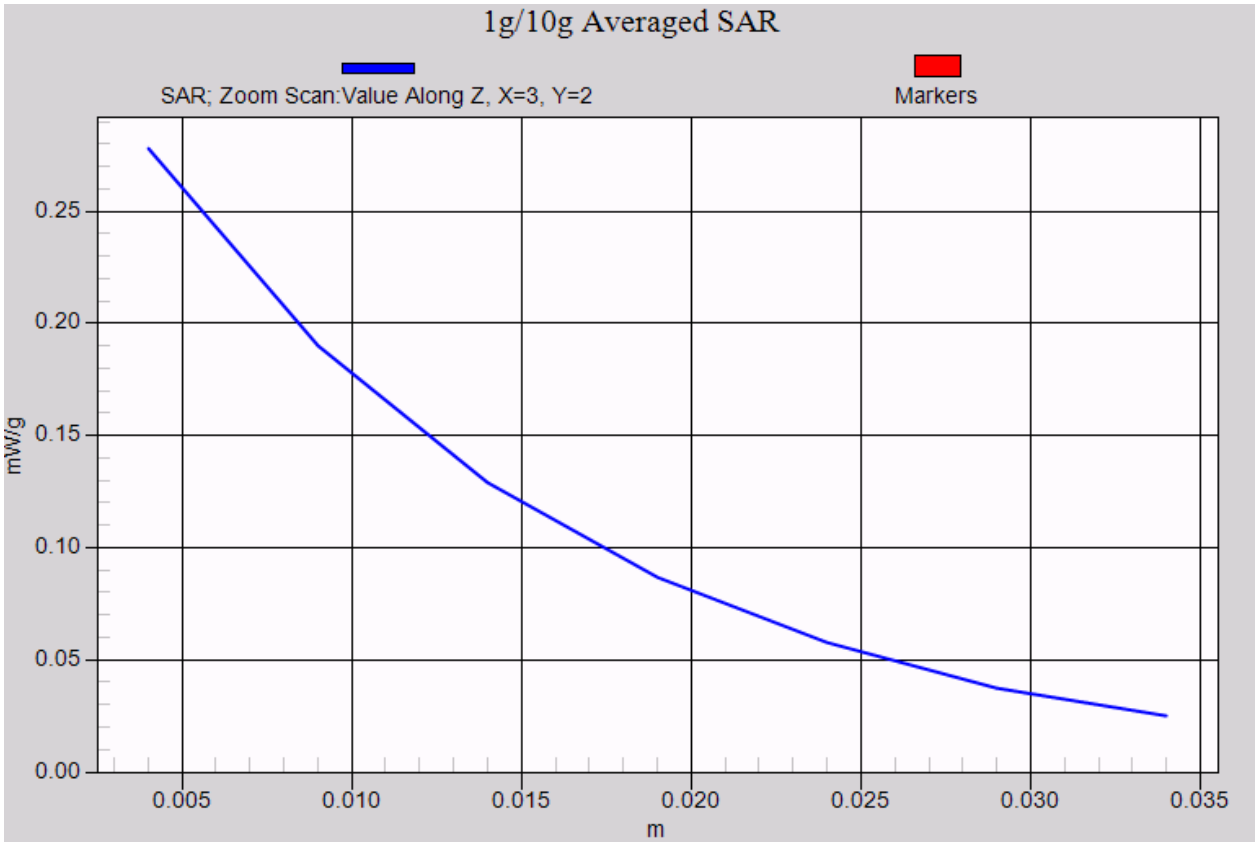


GSM1900 head:

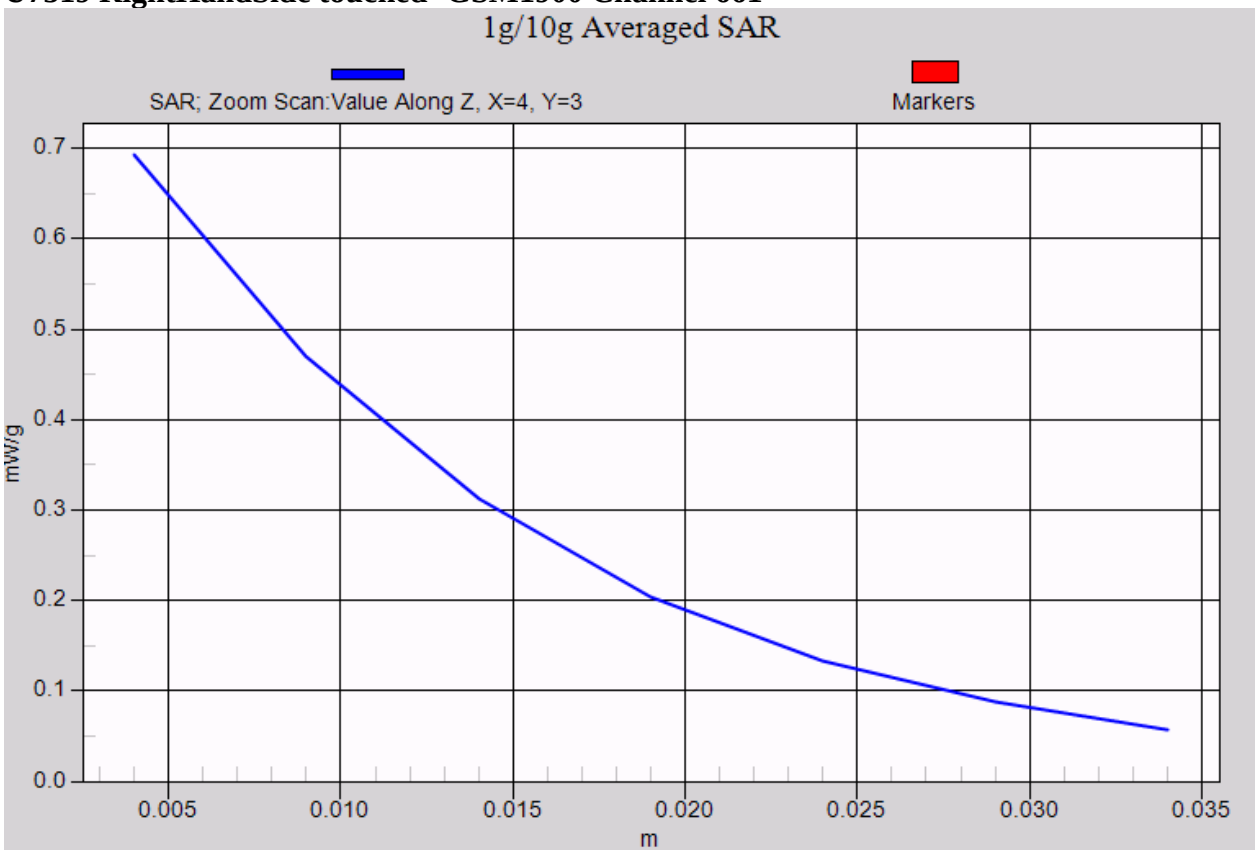
U7519 LeftHandSide touched- GSM1900 Channel 661



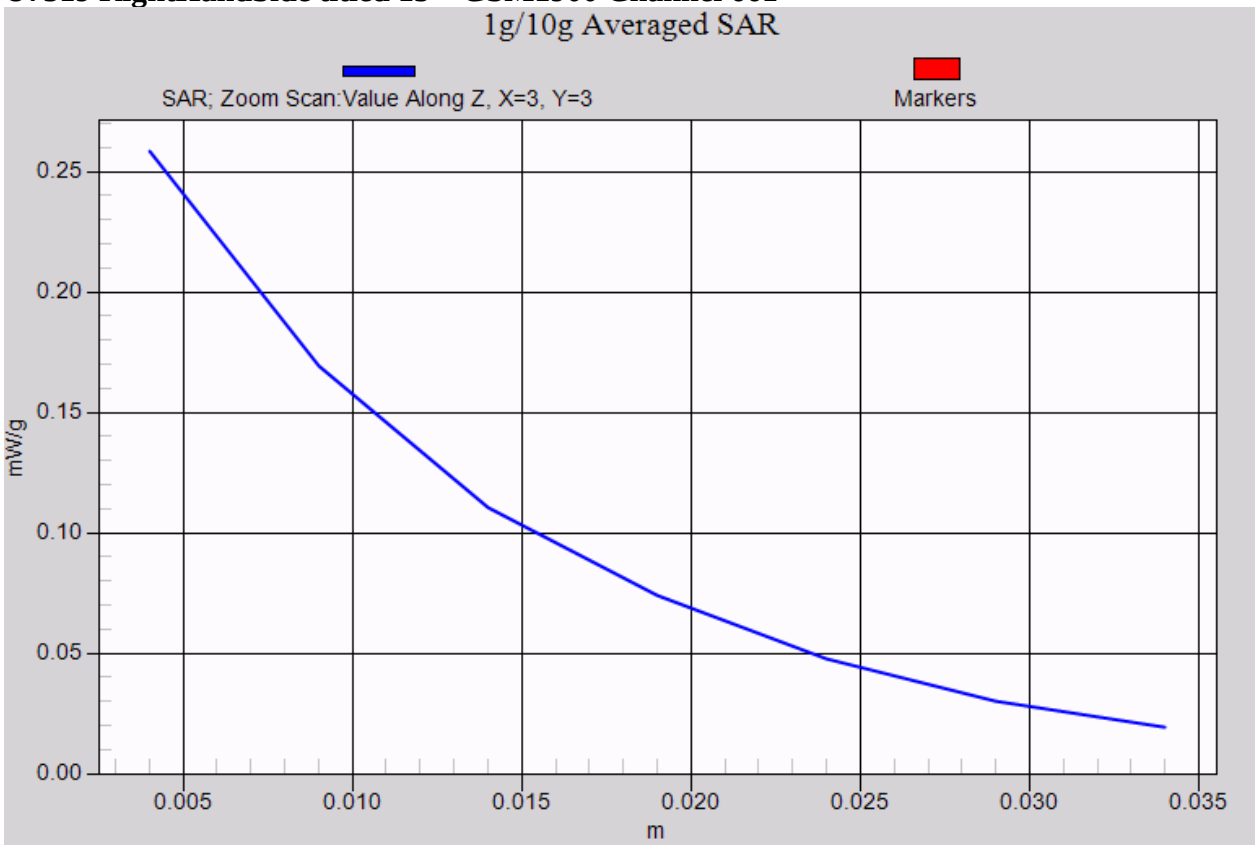
U7519 LeftHandSide titled 15°- GSM1900 Channel 661



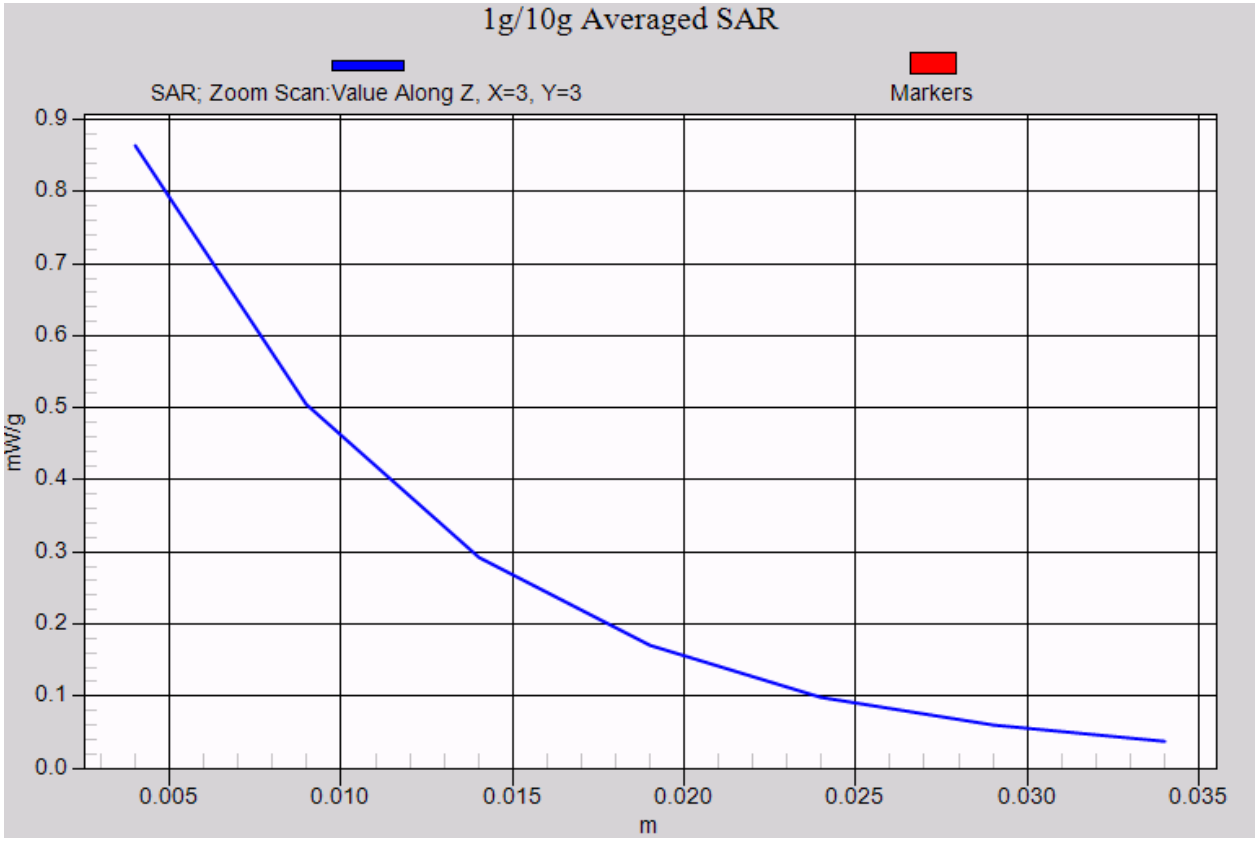
U7519 RightHandSide touched- GSM1900 Channel 661



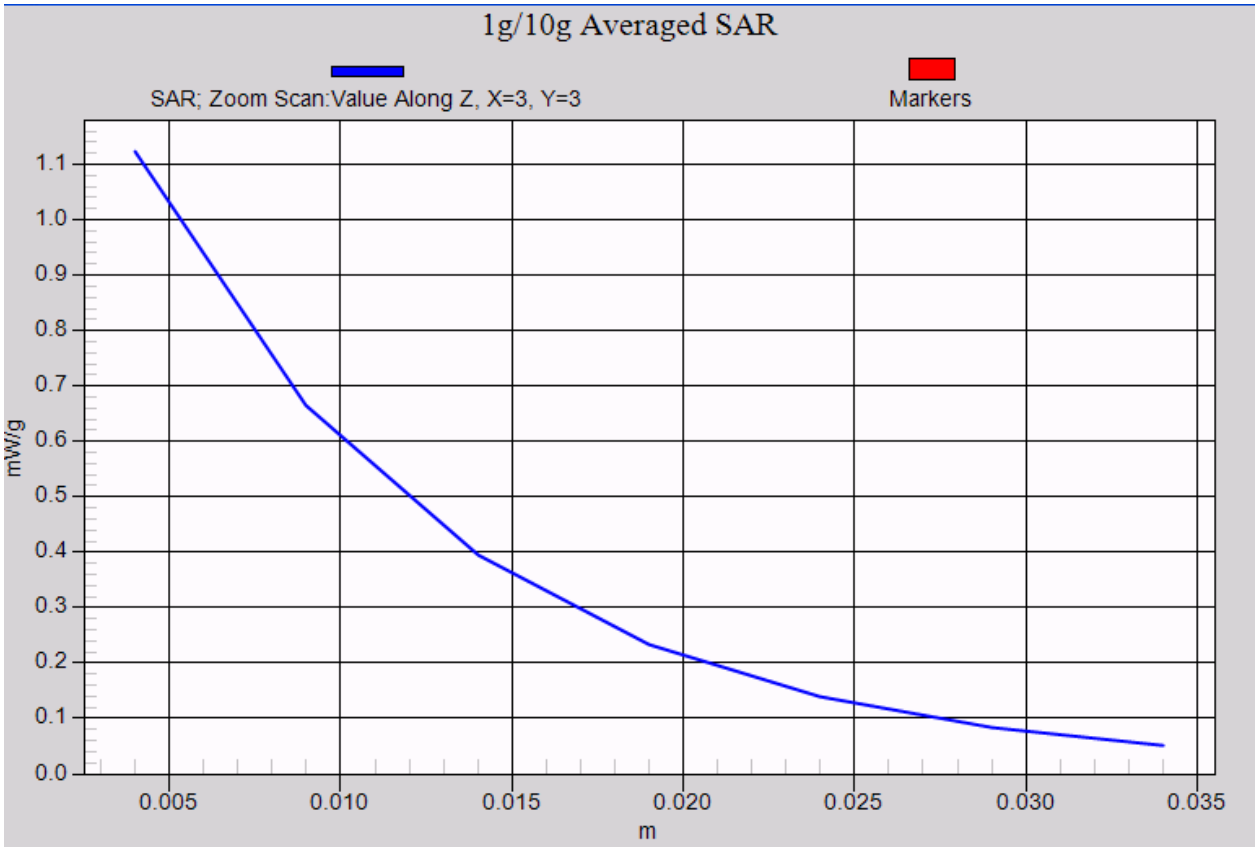
U7519 RightHandSide titled 15°- GSM1900 Channel 661



U7519 LeftHandSide touched- GSM1900 Channel 810

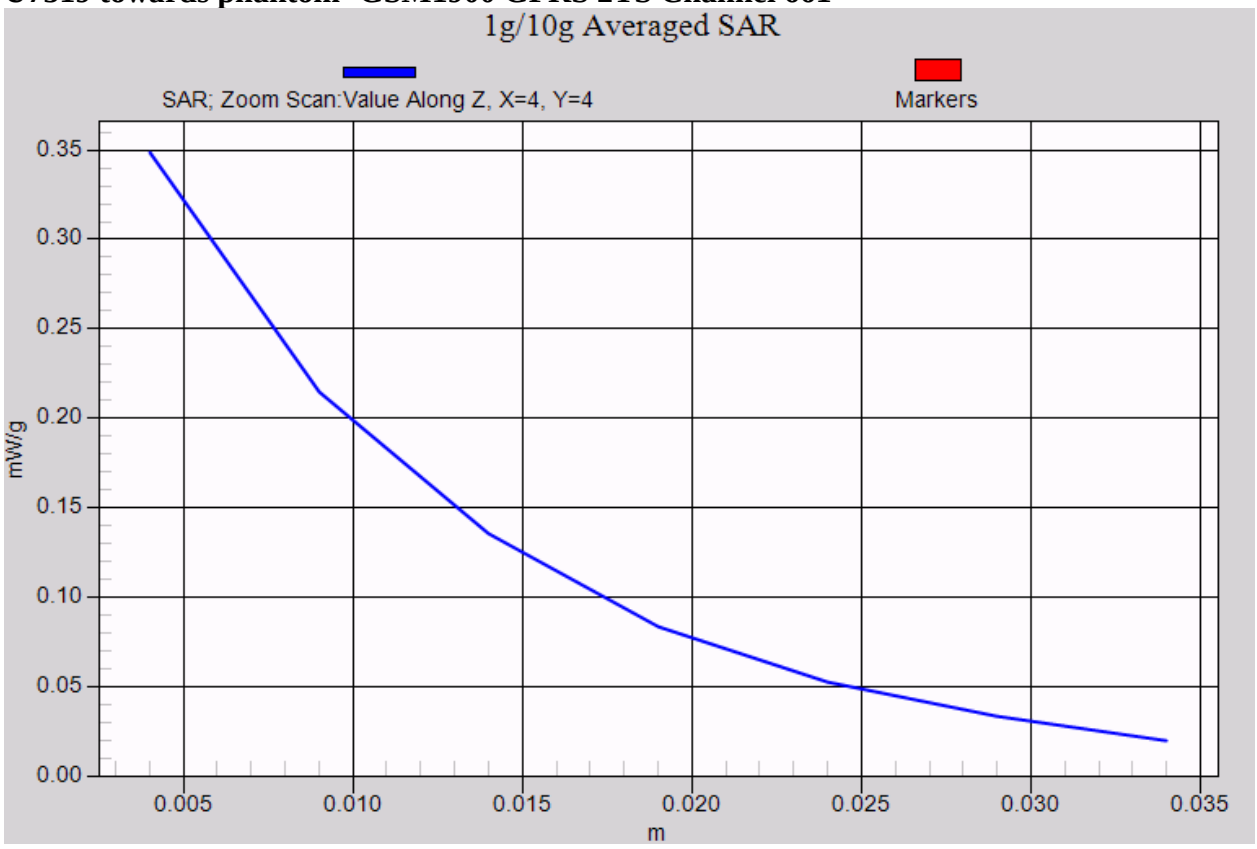


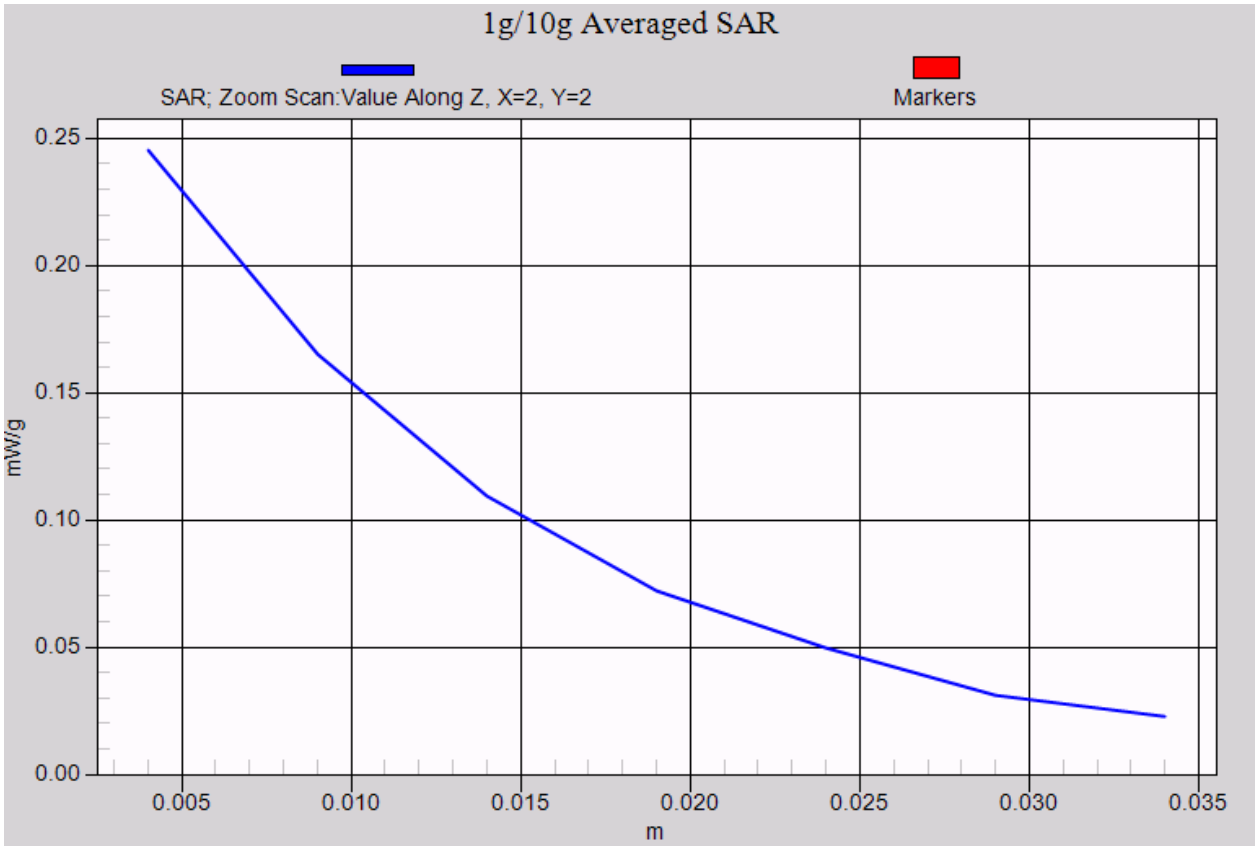
U7519 LeftHandSide titled 15°- GSM1900 Channel 512



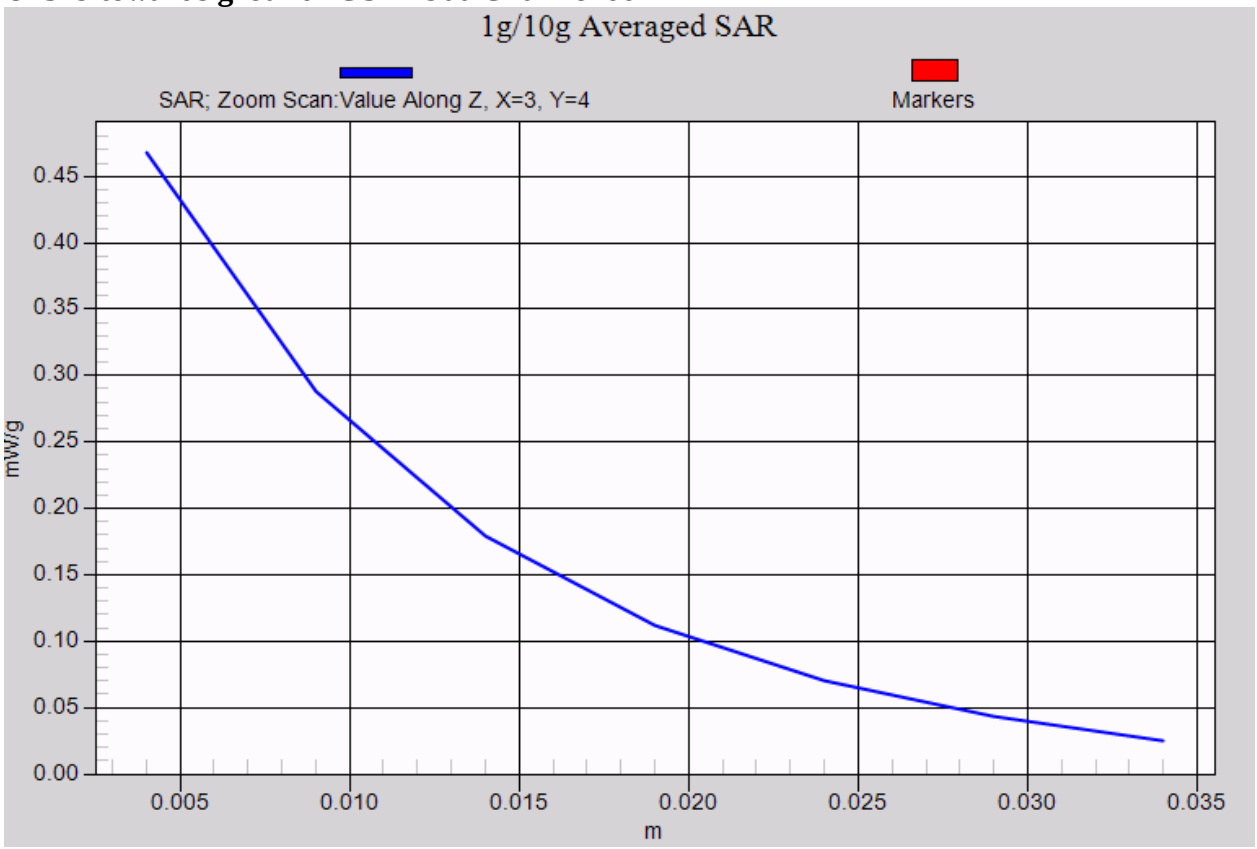
GSM1900 body:

U7519 towards phantom- GSM1900 GPRS 2TS Channel 661

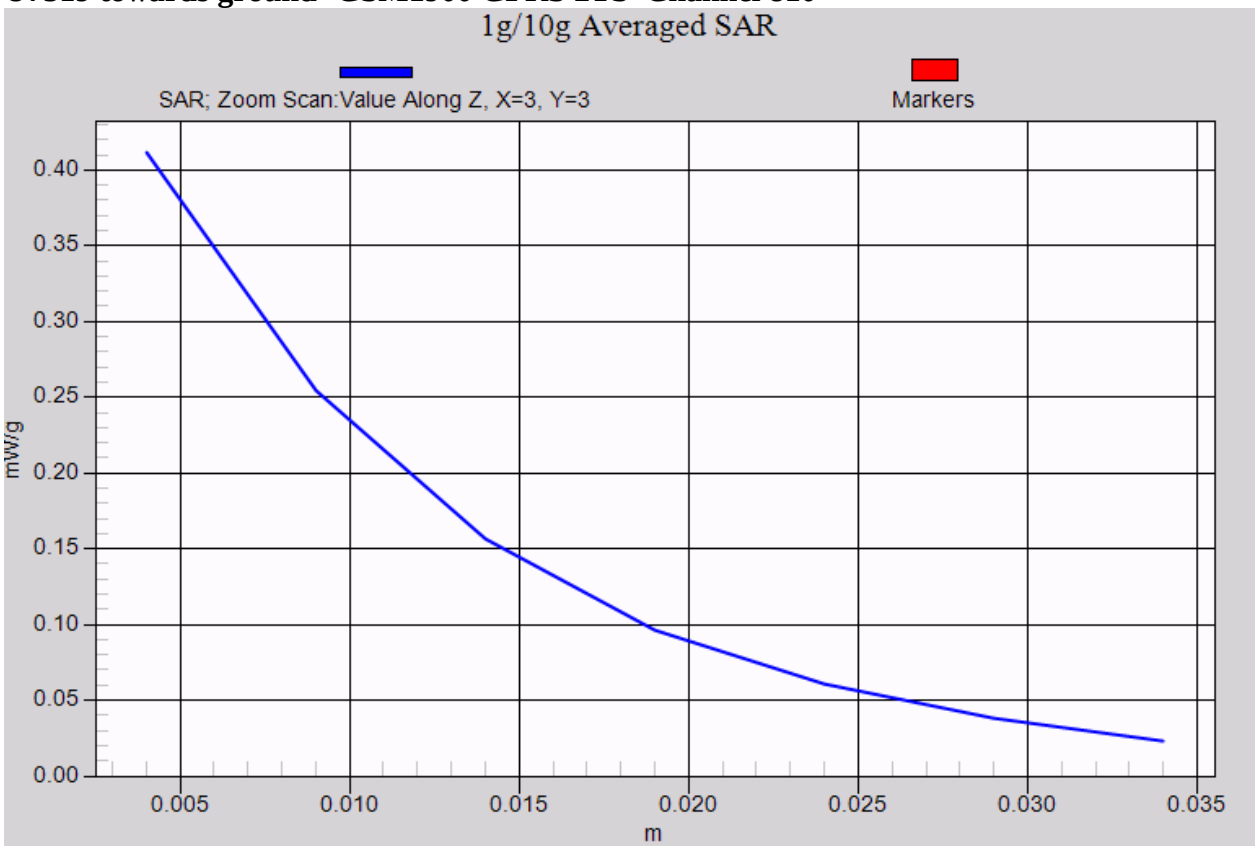




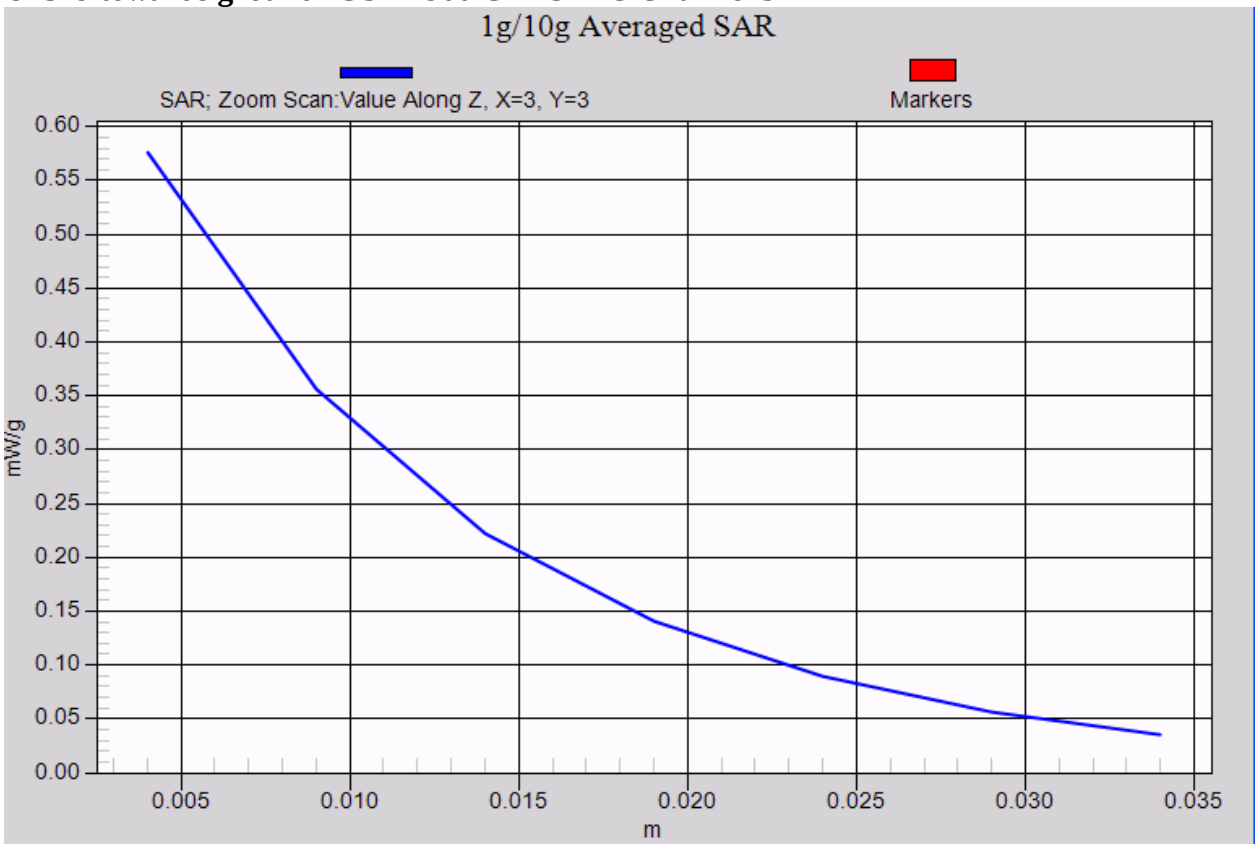
U7519 towards ground- GSM1900 Channel 661



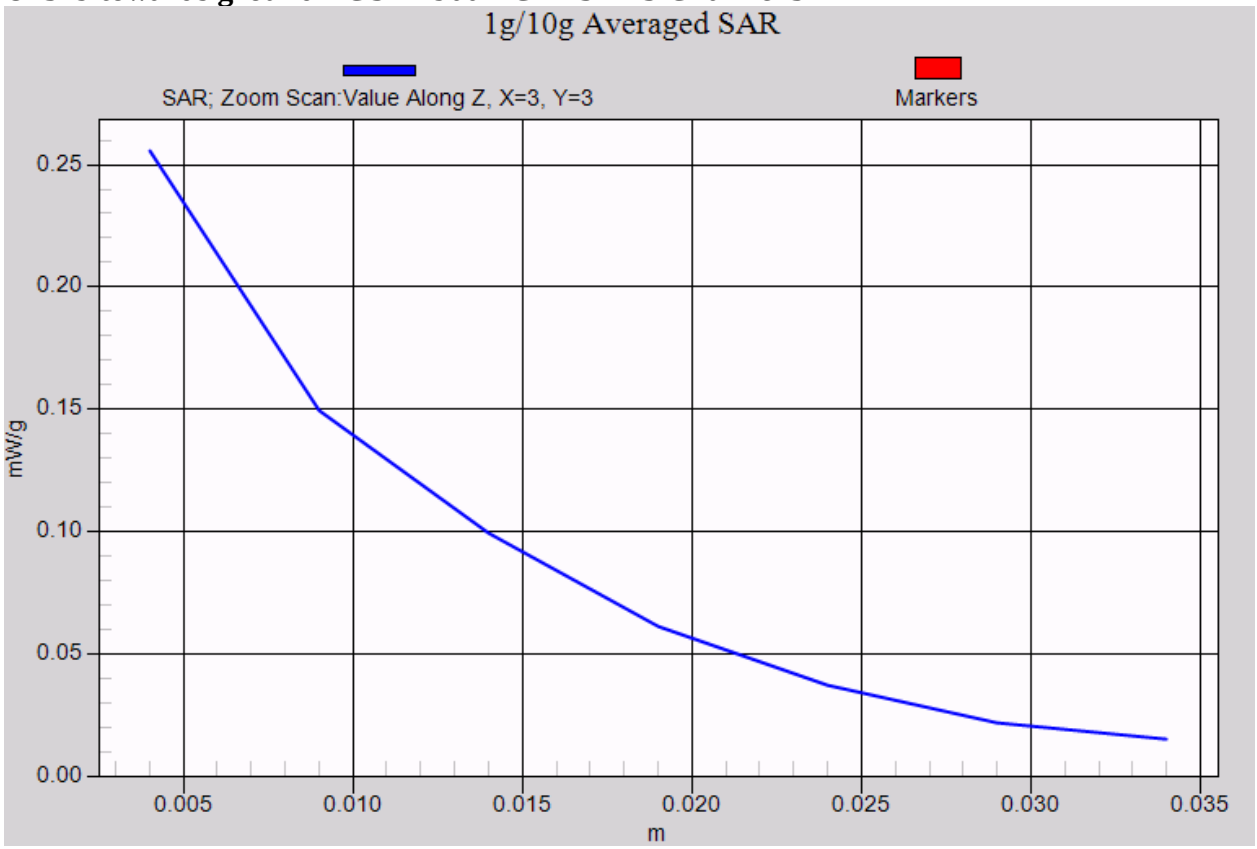
U7519 towards ground- GSM1900 GPRS 2TS Channel 810



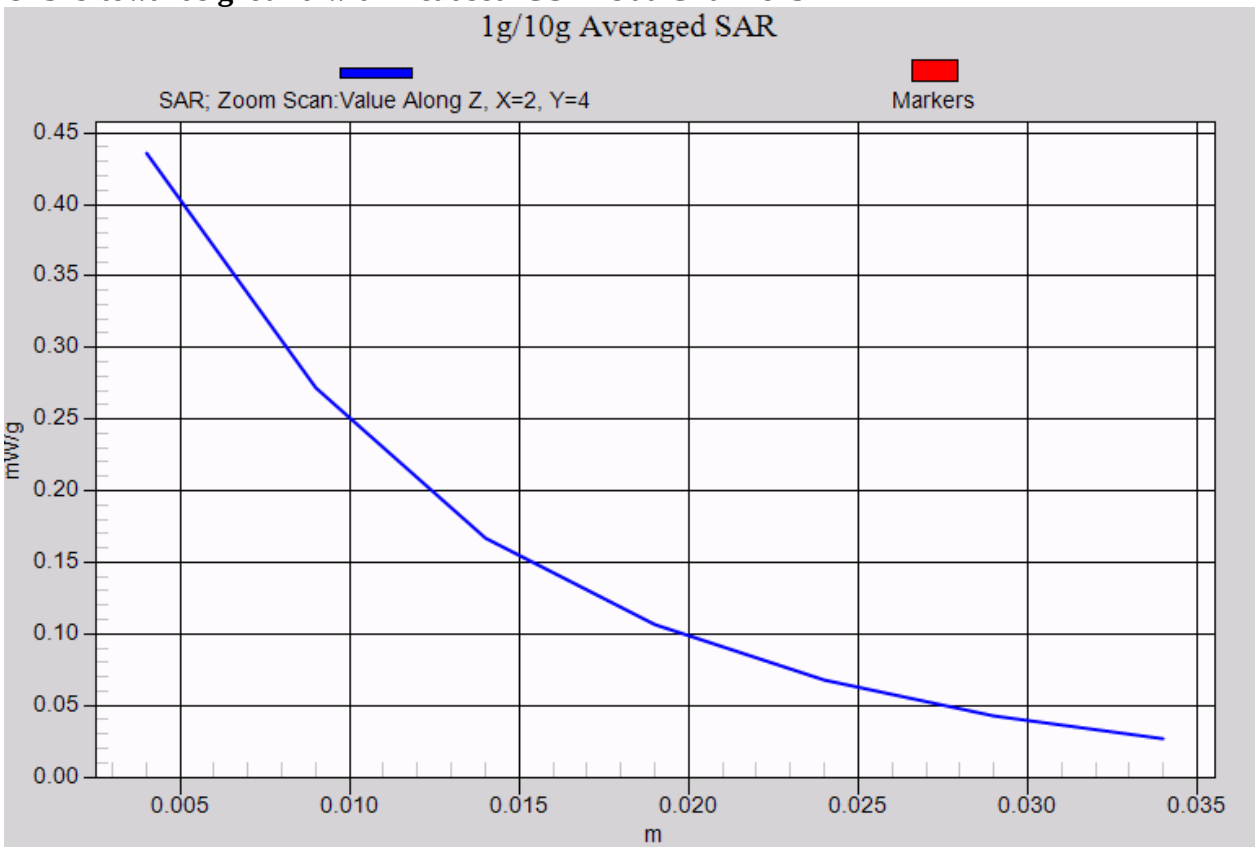
U7519 towards ground- GSM1900 GPRS 2TS Channel 512



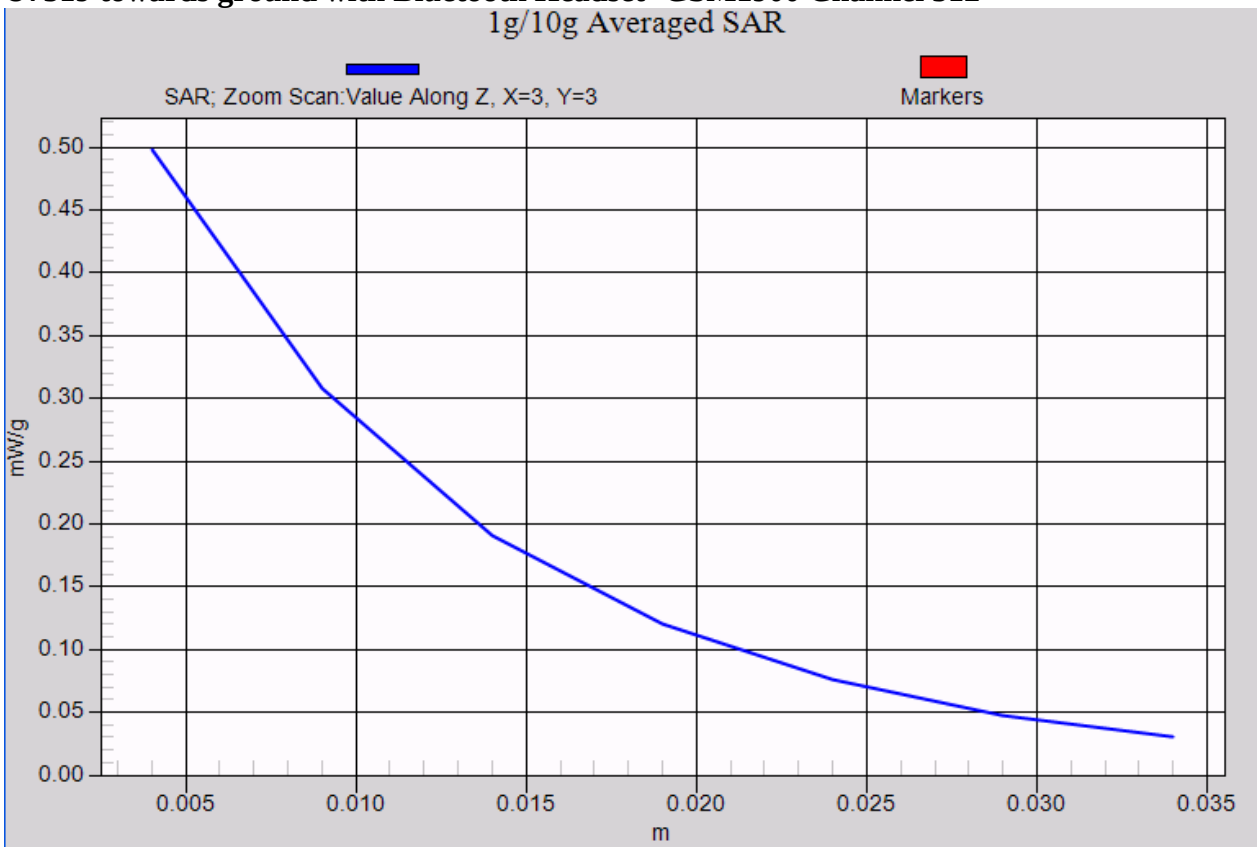
U7519 towards ground - GSM1900 EGPRS 2TS Channel 512



U7519 towards ground with Headset- GSM1900 Channel 512

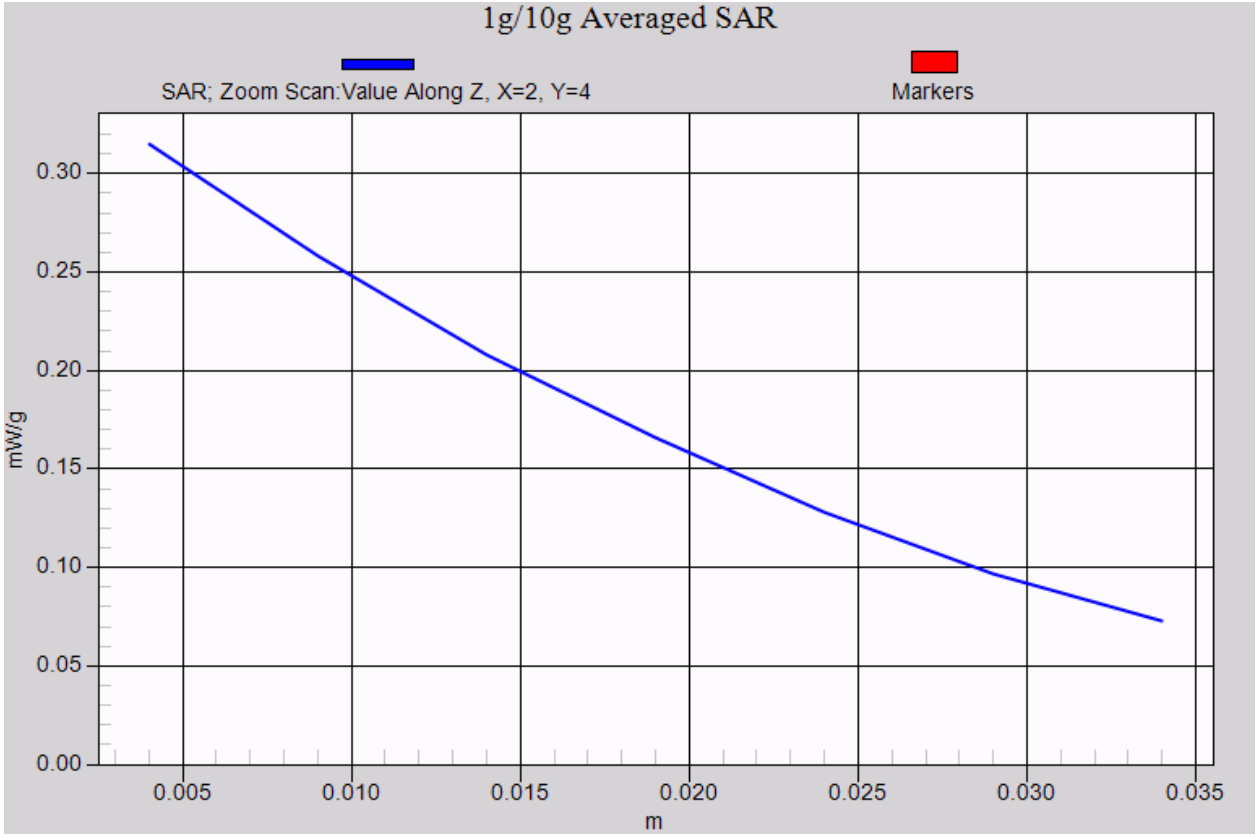


U7519 towards ground with Bluetooth Headset- GSM1900 Channel 512

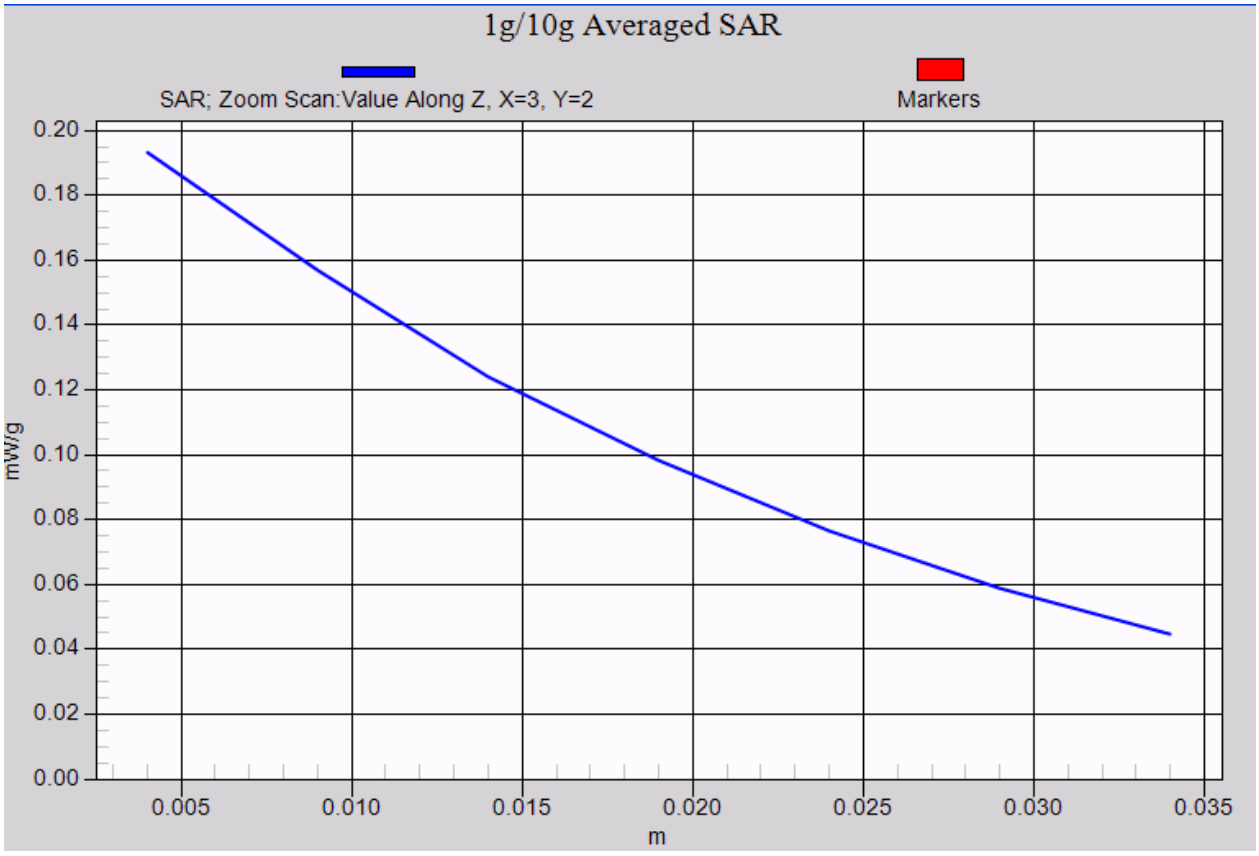


GSM850 head:

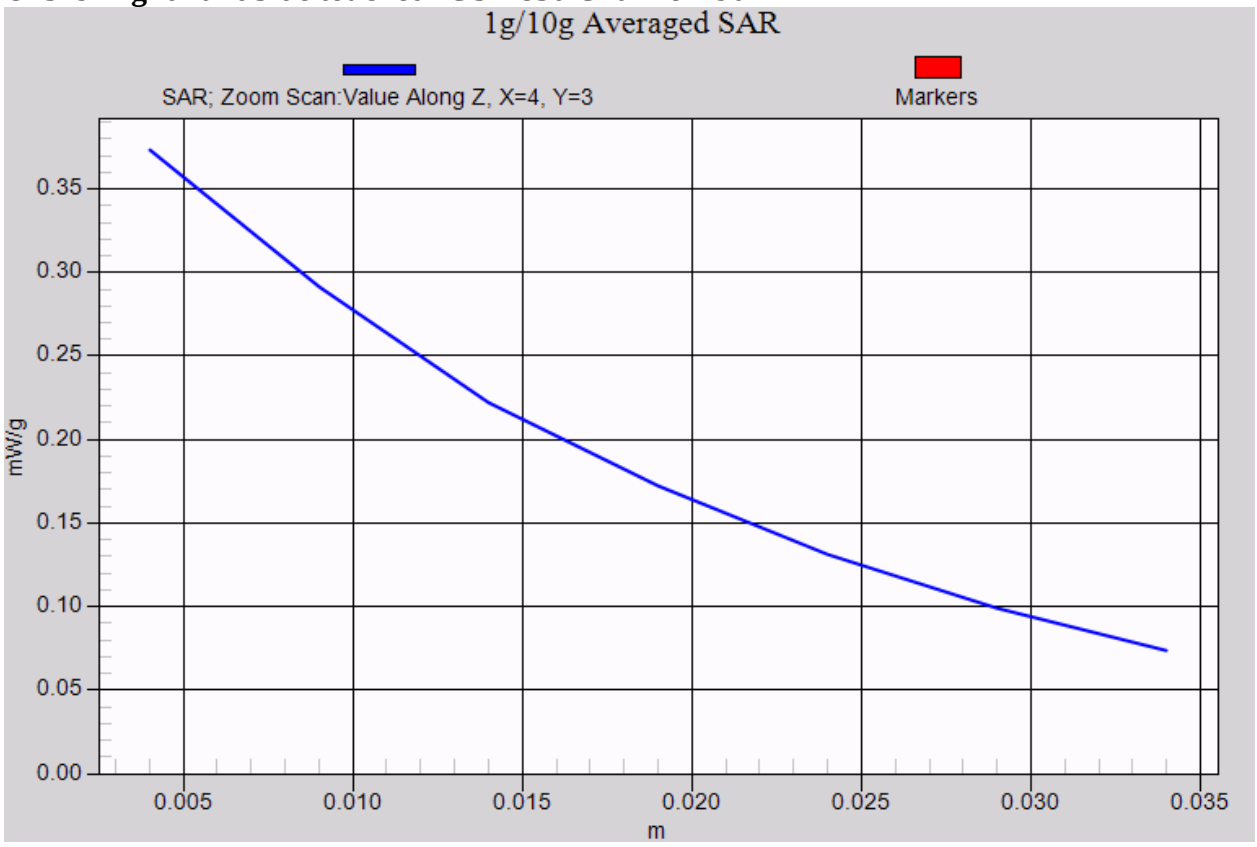
U7519 LeftHandSide touched- GSM850 Channel 190



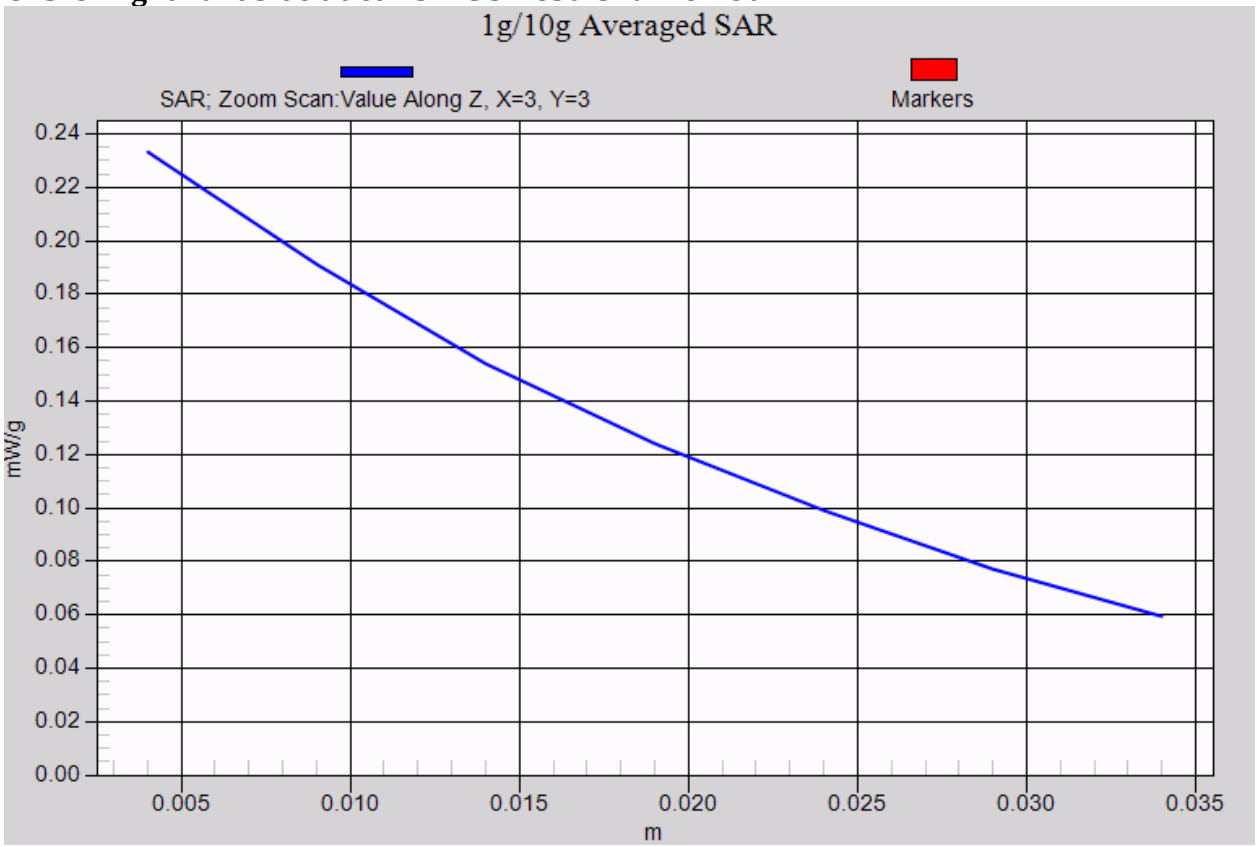
U7519 LeftHandSide titled 15°- GSM1850 Channel 190



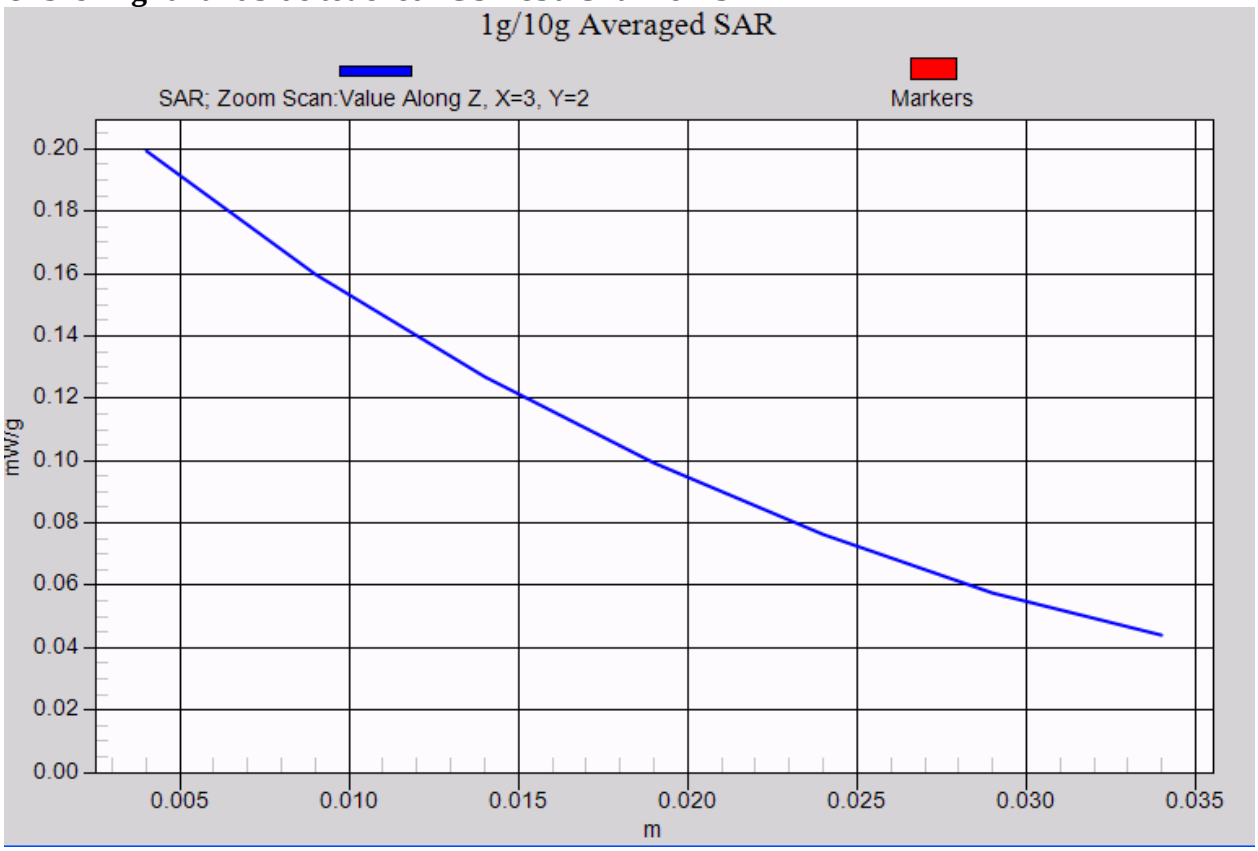
U7519 RightHandSide touched- GSM850 Channel 190



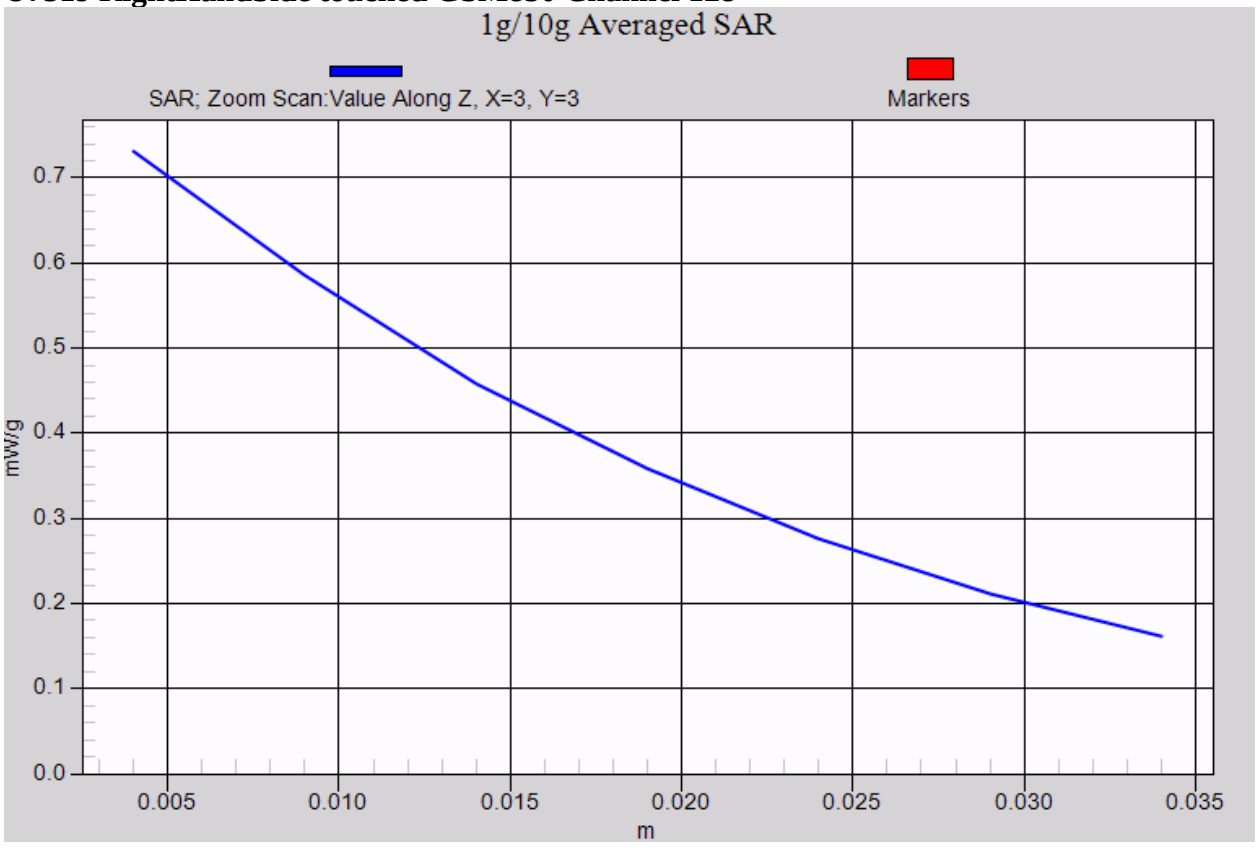
U7519 RightHandSide titled 15°- GSM850 Channel 190



U7519 RightHandSide touched- GSM850 Channel 251

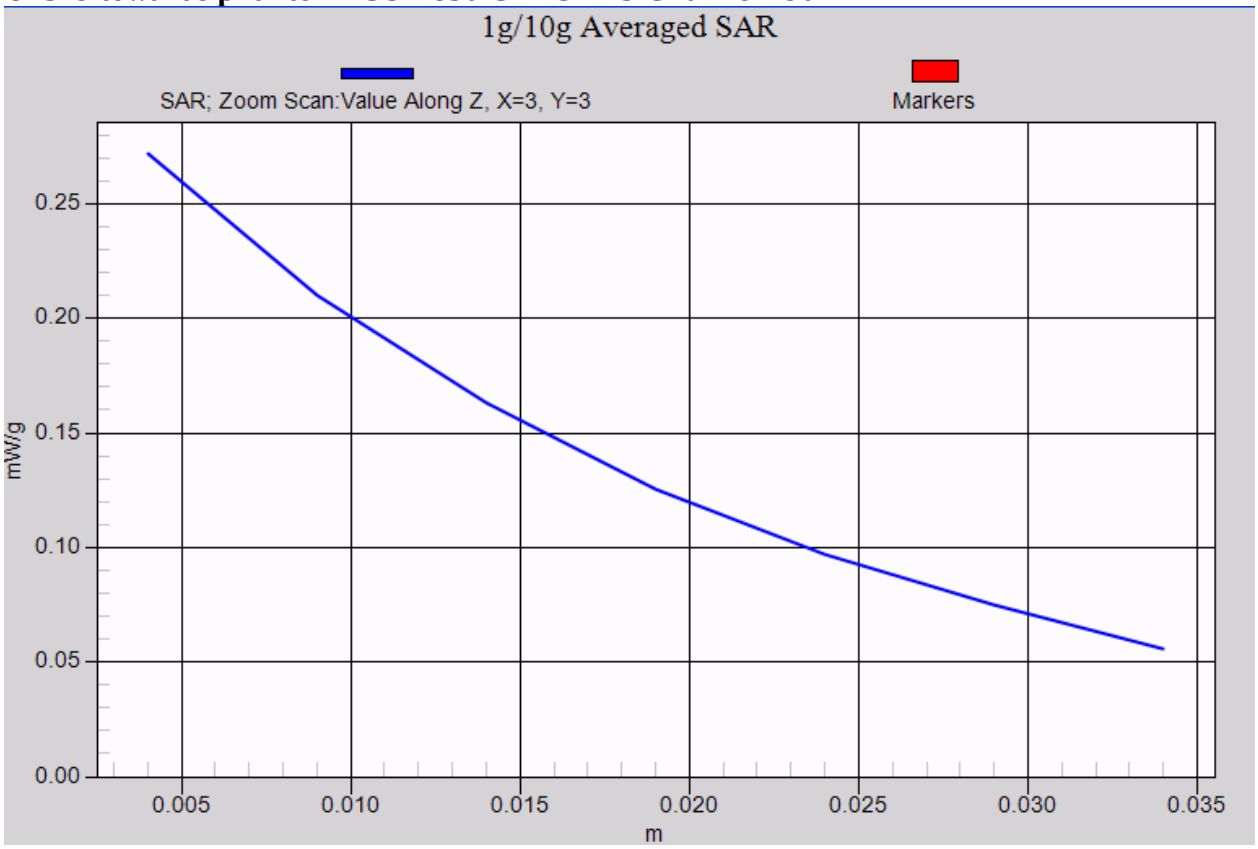


U7519 RightHandSide touched GSM850 Channel 128

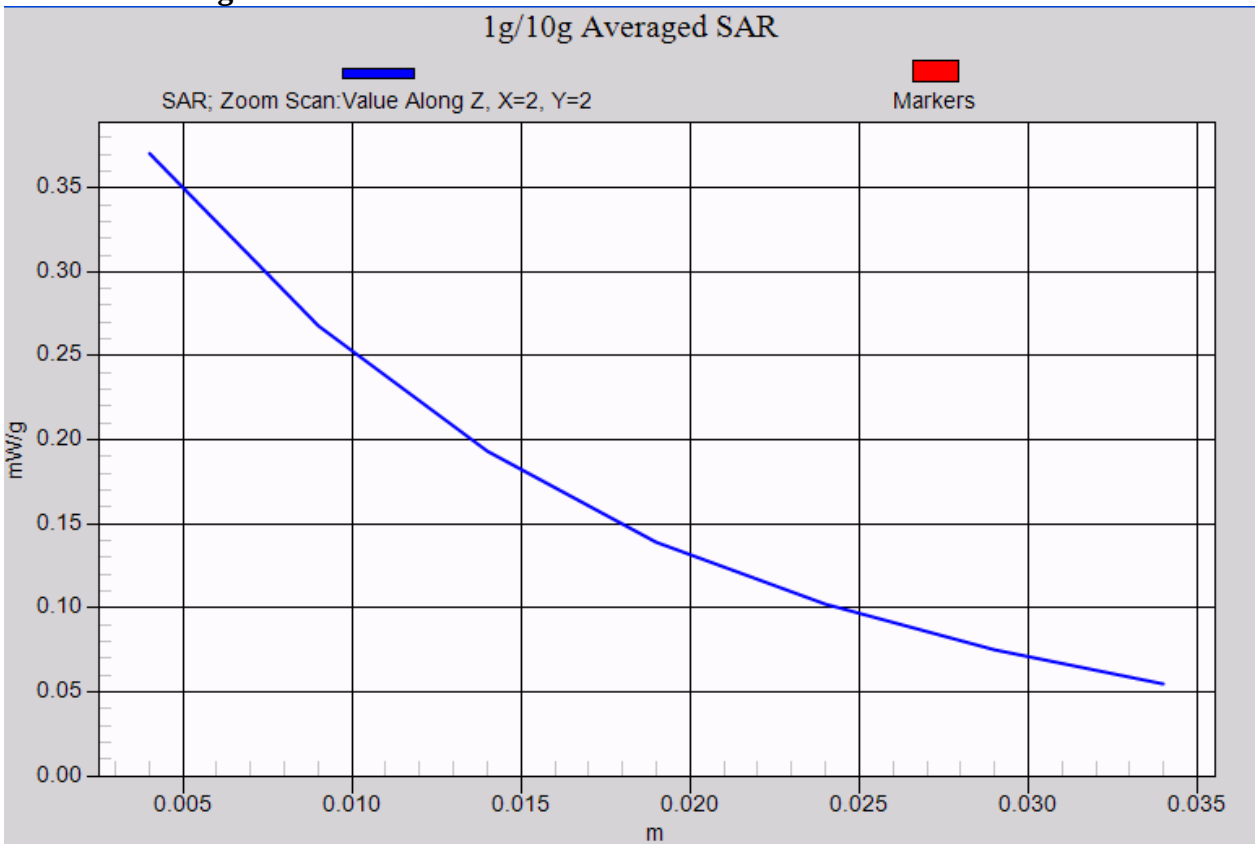


GSM850 body:

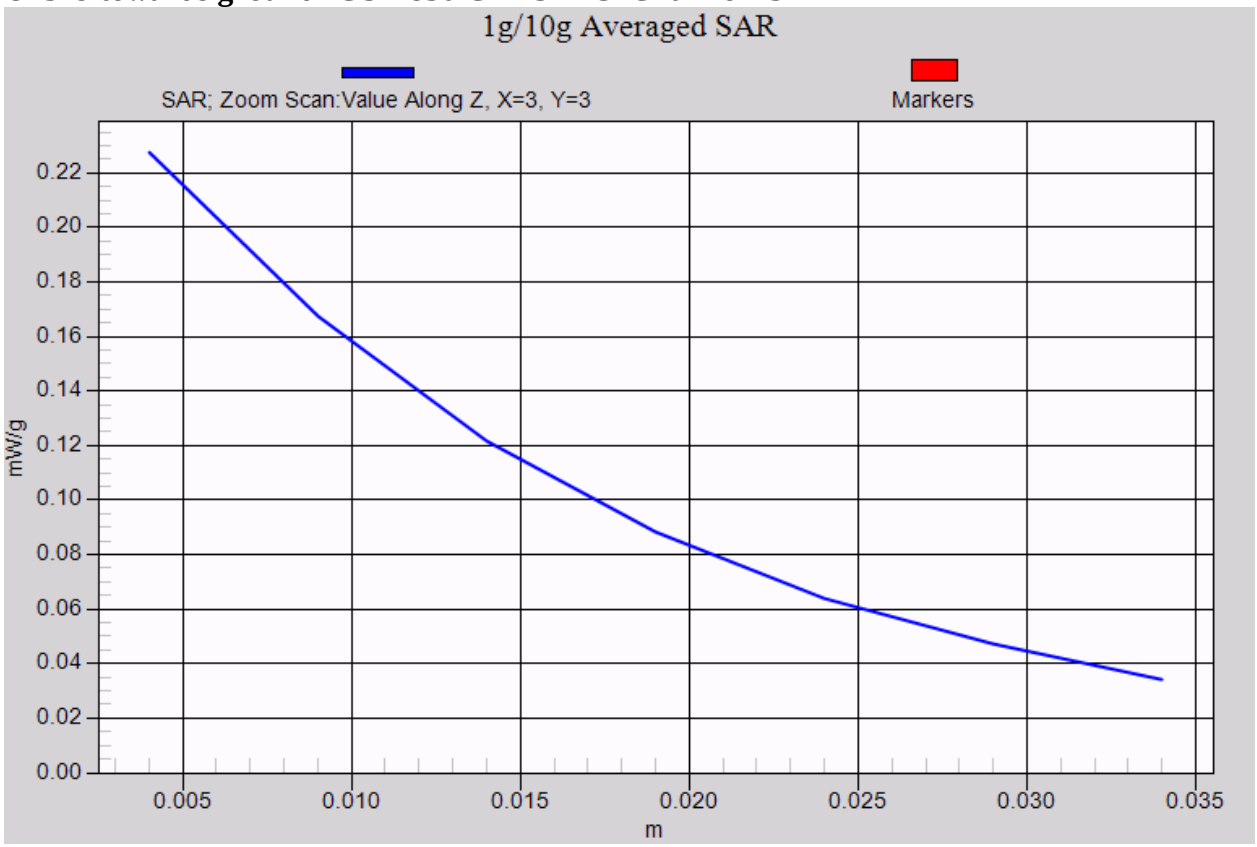
U7519 towards phantom- GSM850 GPRS 2TS Channel 190



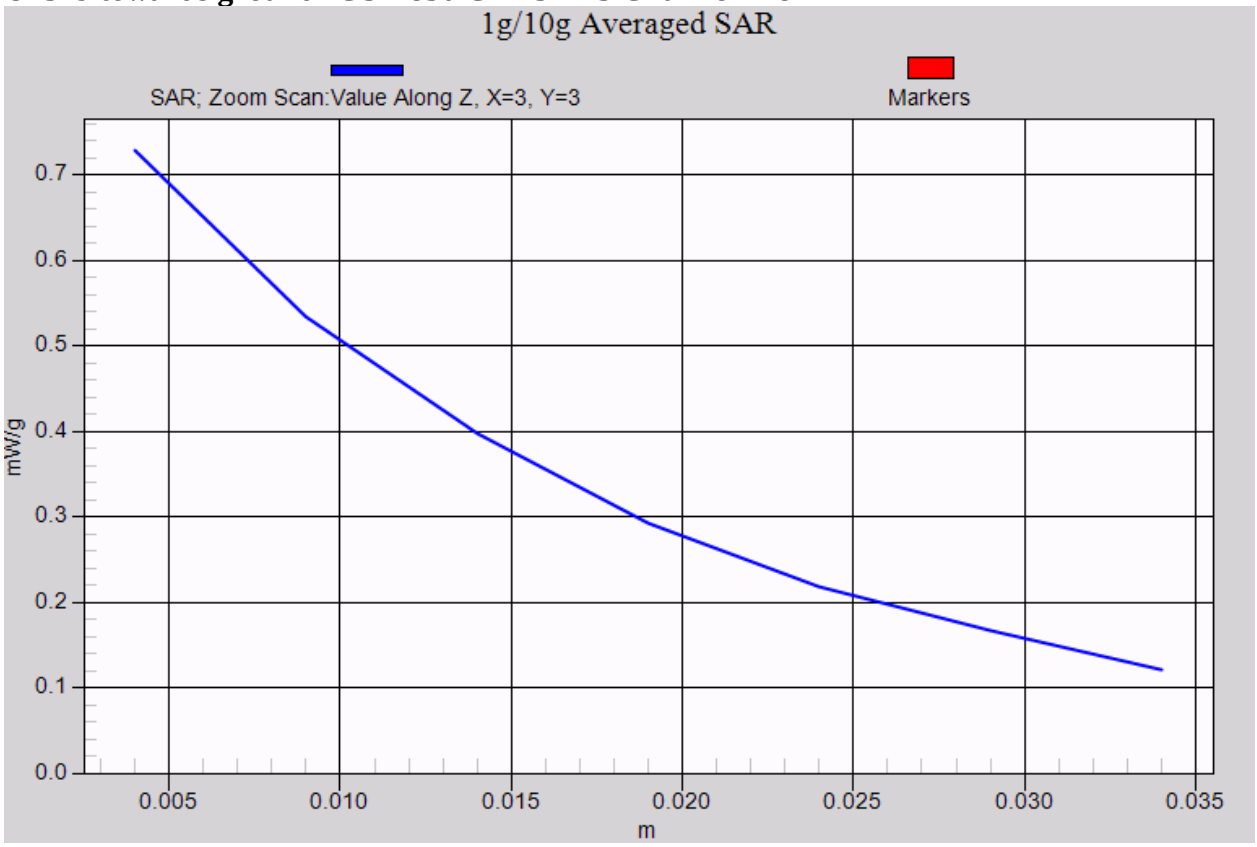
U7519 towards ground- GSM1900 Channel 661



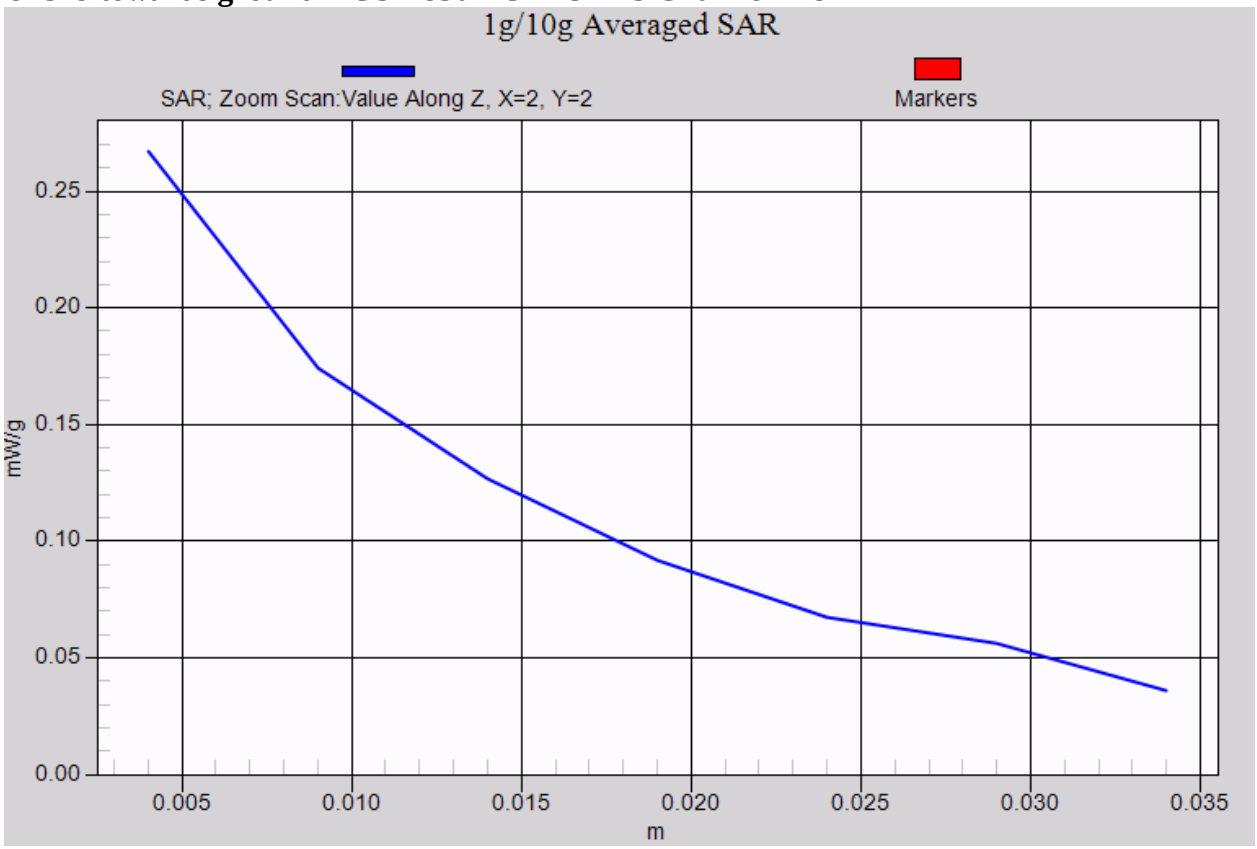
U7519 towards ground- GSM850 GPRS 2TS Channel 251



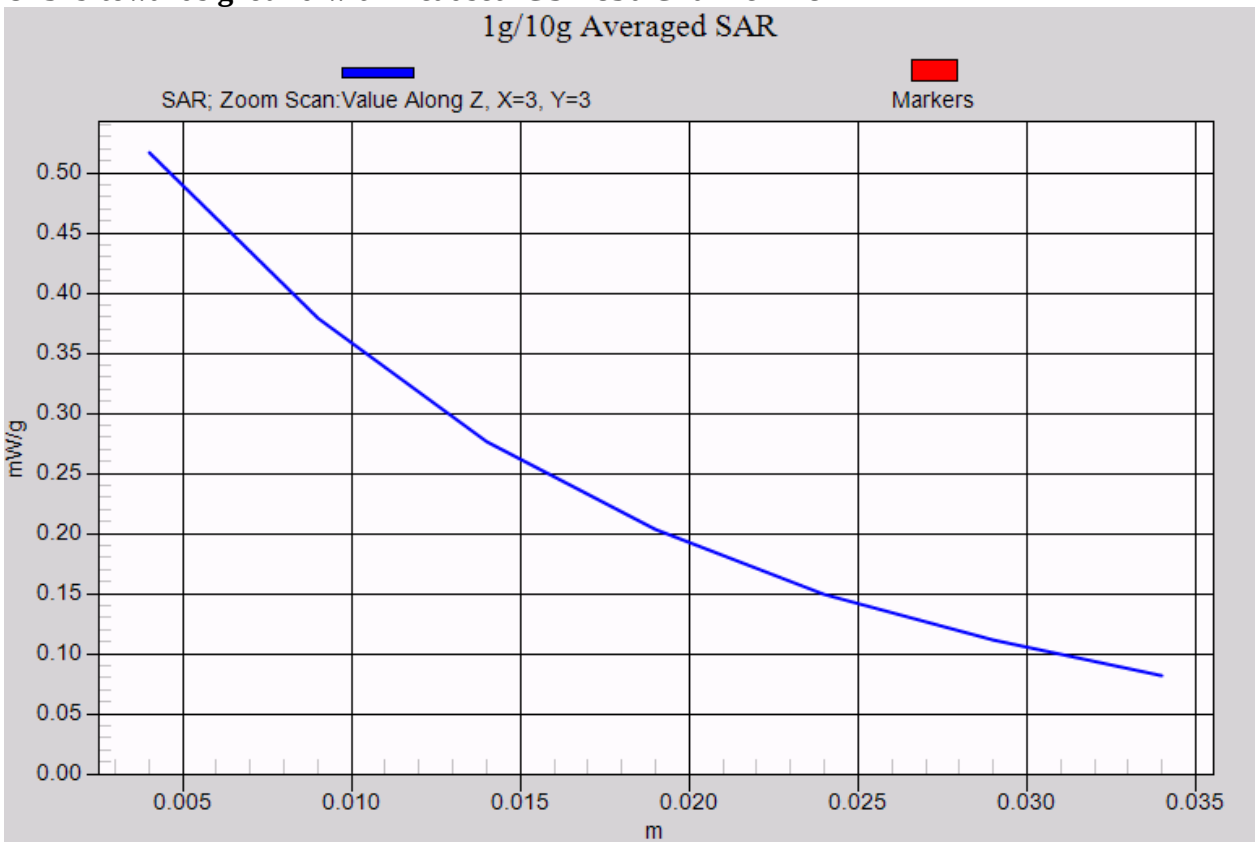
U7519 towards ground- GSM850 GPRS 2TS Channel 128



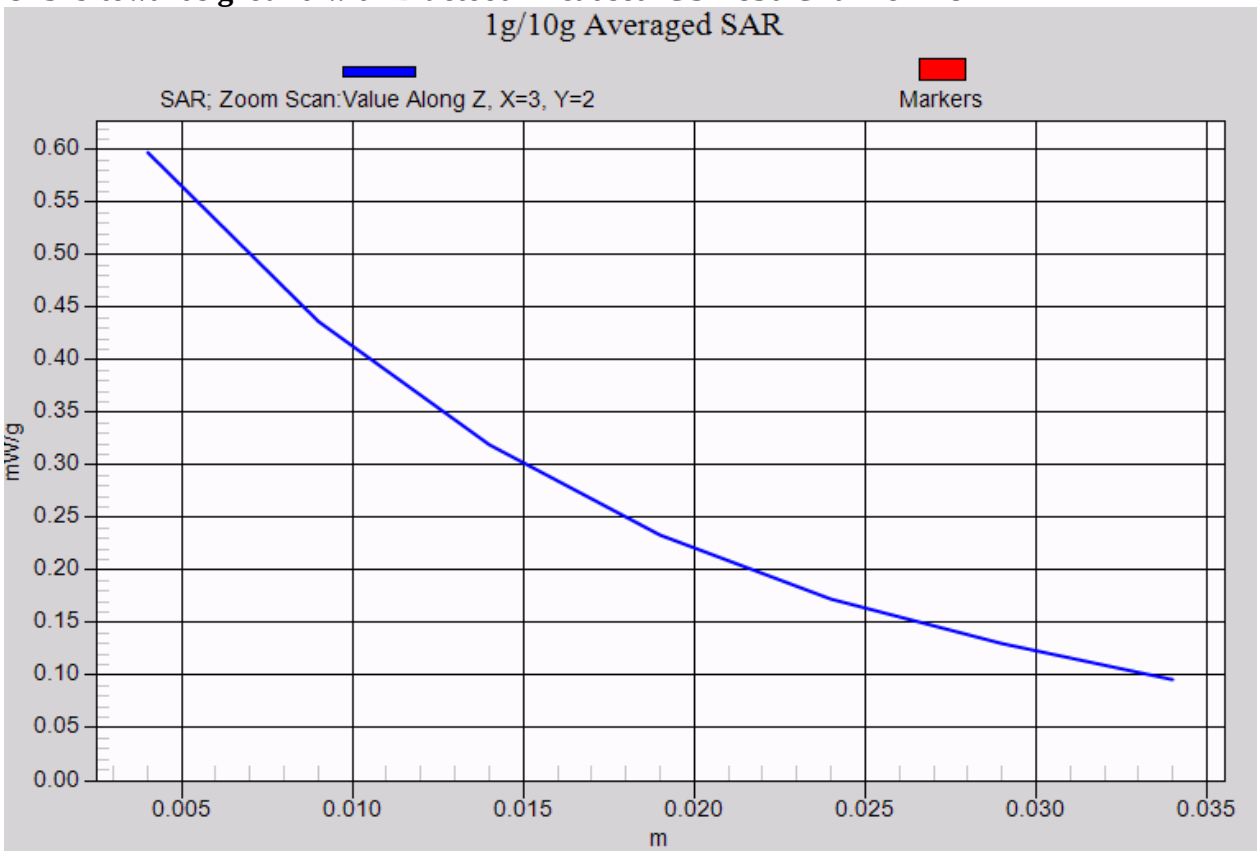
U7519 towards ground – GSM850 EGPRS 2TS Channel 128



U7519 towards ground with Headset- GSM850 Channel 128



U7519 towards ground with Bluetooth Headset- GSM850 Channel 128



Annex 3 Calibration parameters

Calibration parameters are described in the additional document:

Appendix to test report no. SYBH(Z-SAR)096082009
Calibration data, Phantom certificate
and detail information of the DASY5 System