

P1528_OET65-WCDMA with Lenovo T61 rear side-WCDMA1900 High**DUT: E372u-8**

Communication System: WCDMA1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.2 Build 87

body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.752 mW/g

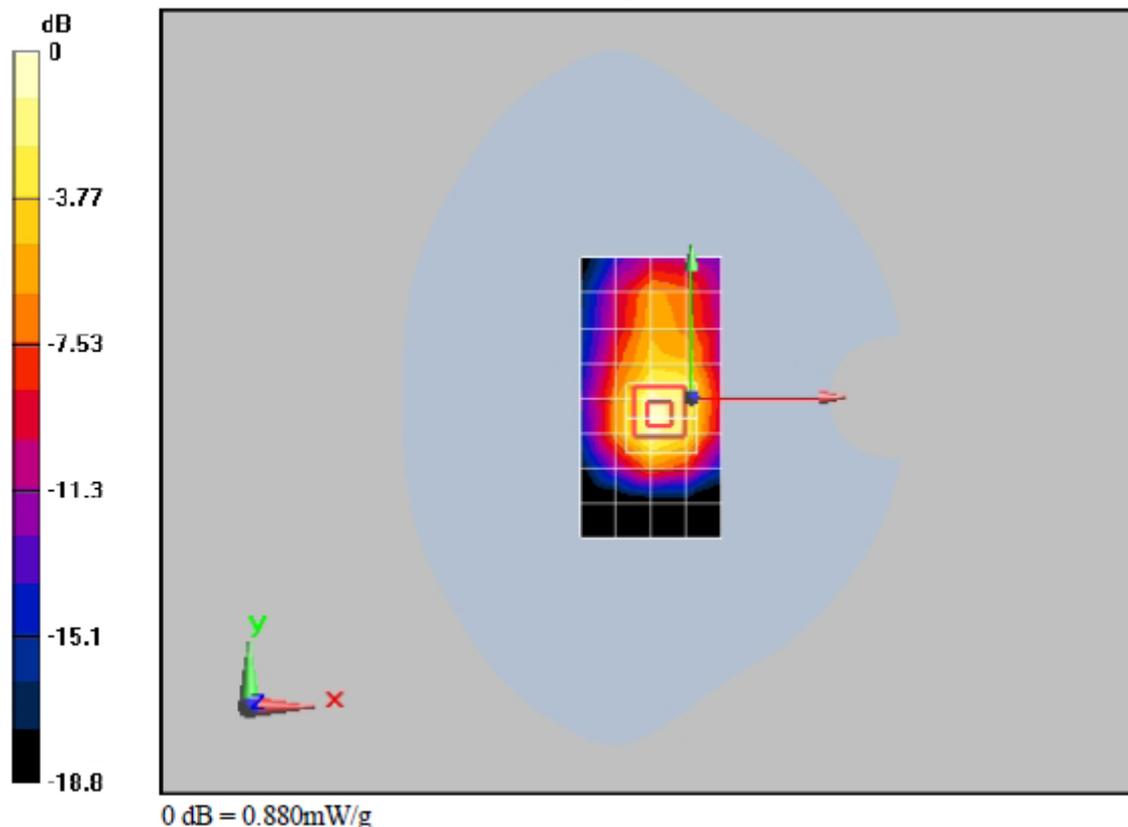
body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.444 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.880 mW/g

**Additional information:**

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.3 °C

P1528_OET65-HSDPA with Lenovo T61 rear side-WCDMA1900 Middle

DUT: E372u-8

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.2 Build 87

body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.895 mW/g

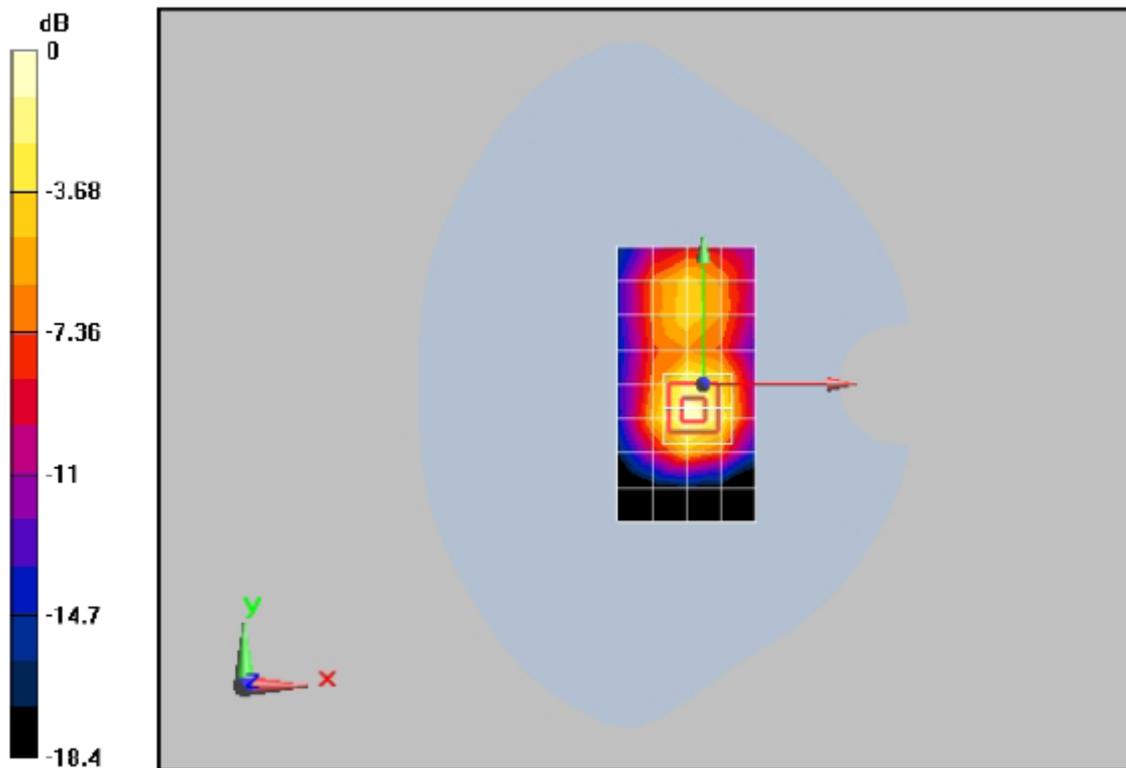
body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.452 mW/g

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



0 dB = 0.932mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

ambient temperature: 23.0 °C; liquid temperature: 22.3°C

P1528_OET65-HSUPA with Lenovo T61 rear side-WCDMA1900 Middle**DUT: E372u-8**

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.62, 4.62, 4.62); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.2 Build 87

body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.716 mW/g

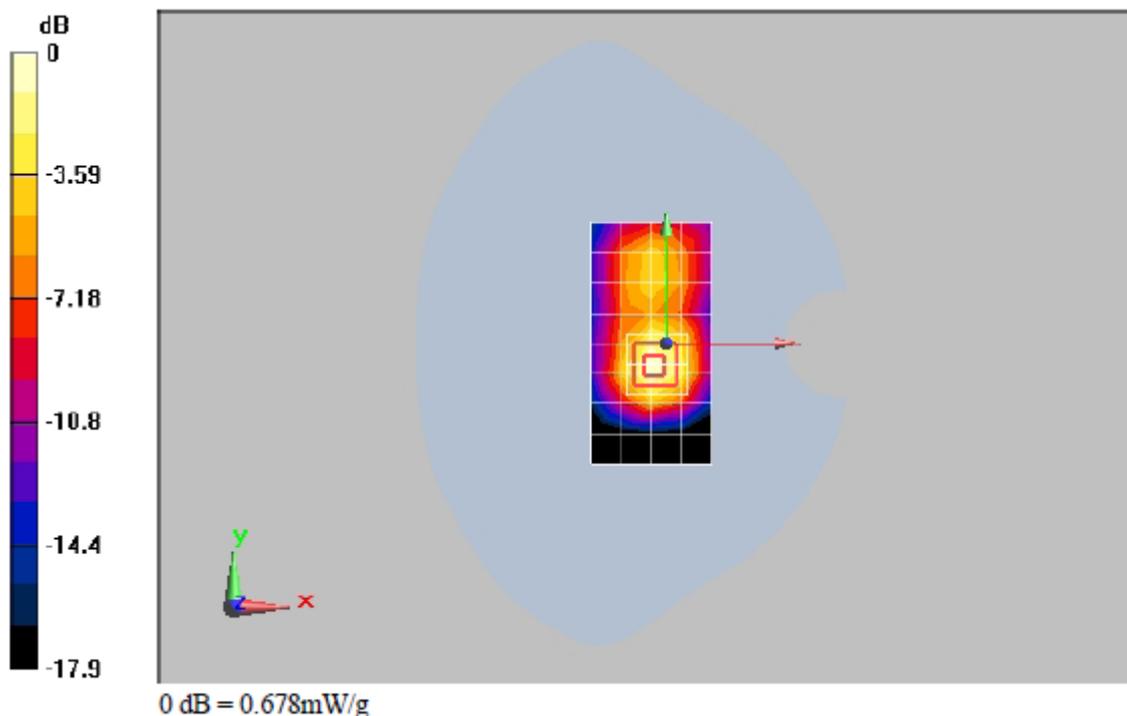
body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.678 mW/g

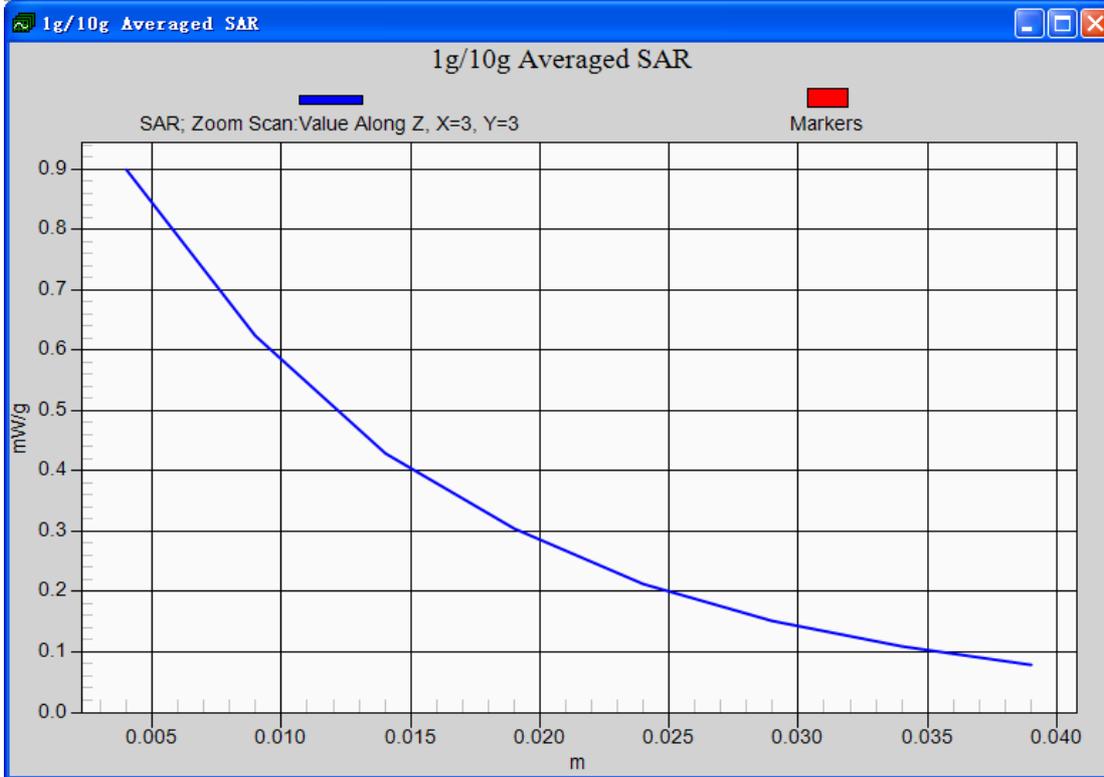
**Additional information:**

position or distance of DUT to SAM: 5 mm

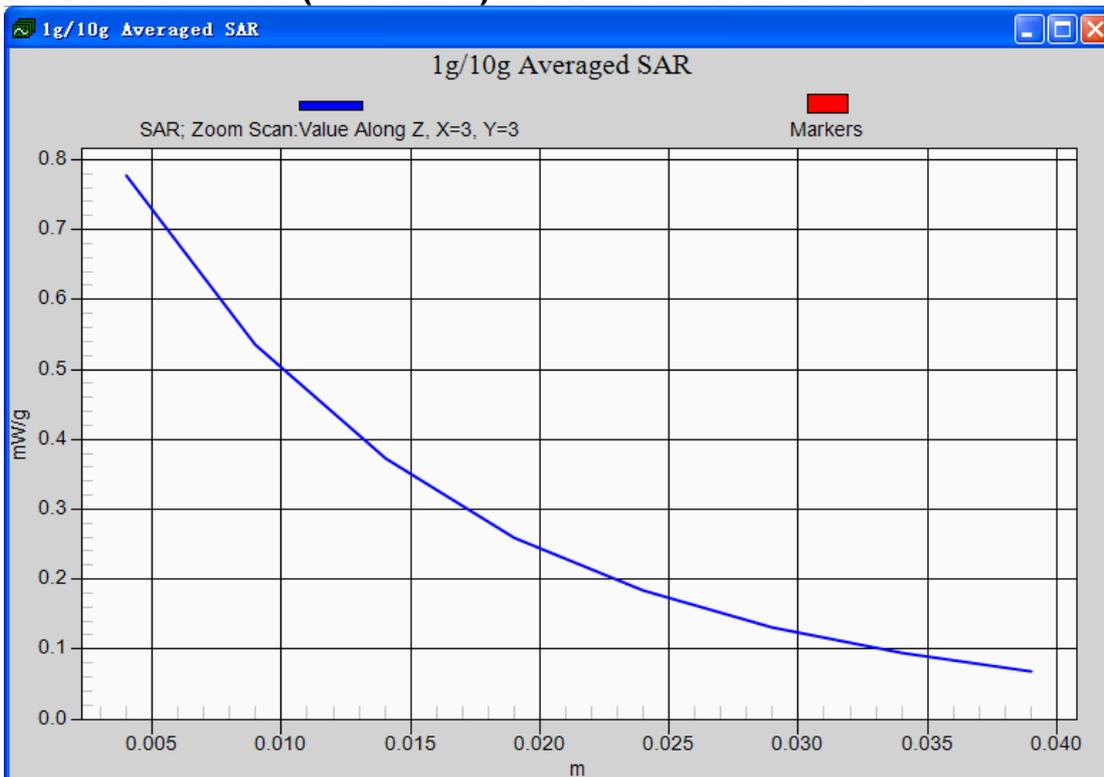
ambient temperature: 23.0 °C; liquid temperature: 22.3°C

Annex 2.5 Z-axis scans
GSM 850

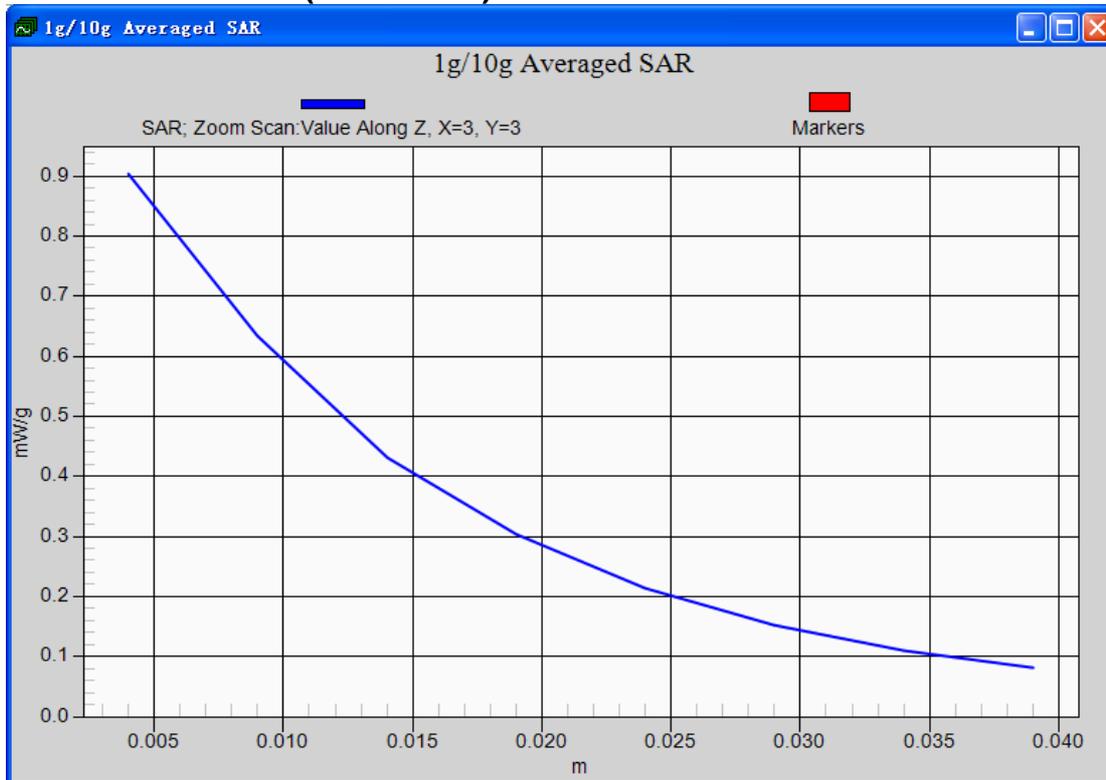
E372u-8 Front side (4 timeslots) –GPRS 850 Channel 192



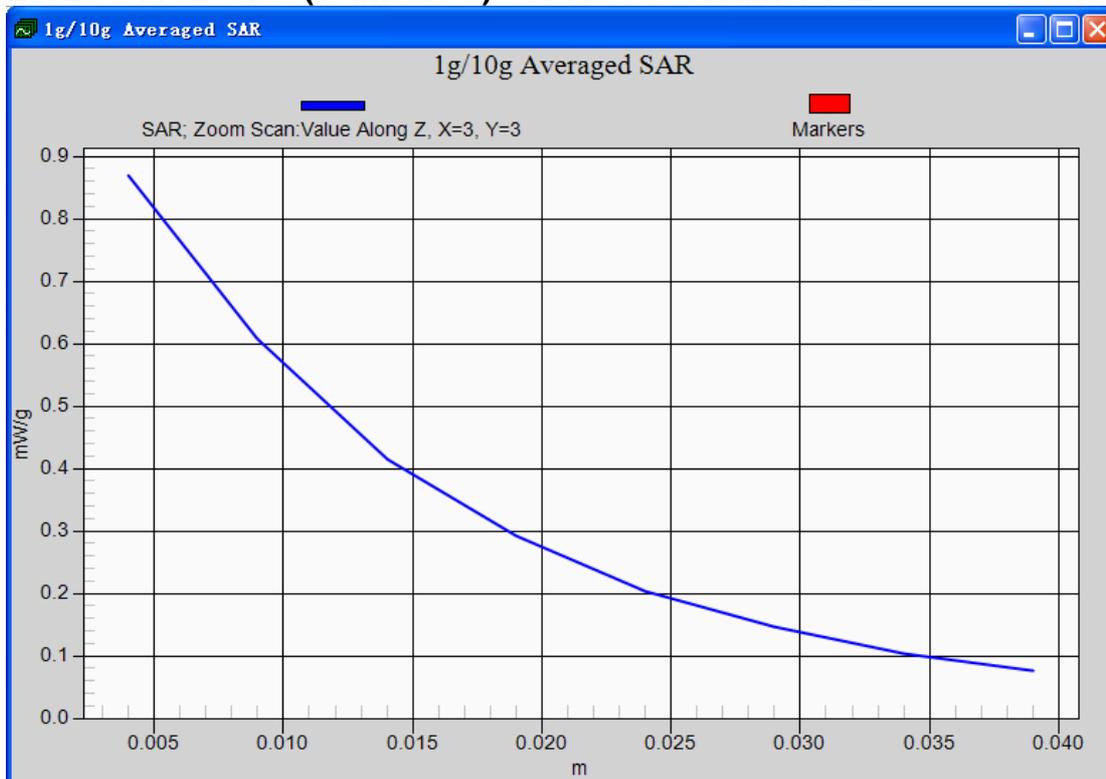
E372u-8 Front side (3 timeslots) –GPRS 850 Channel 192



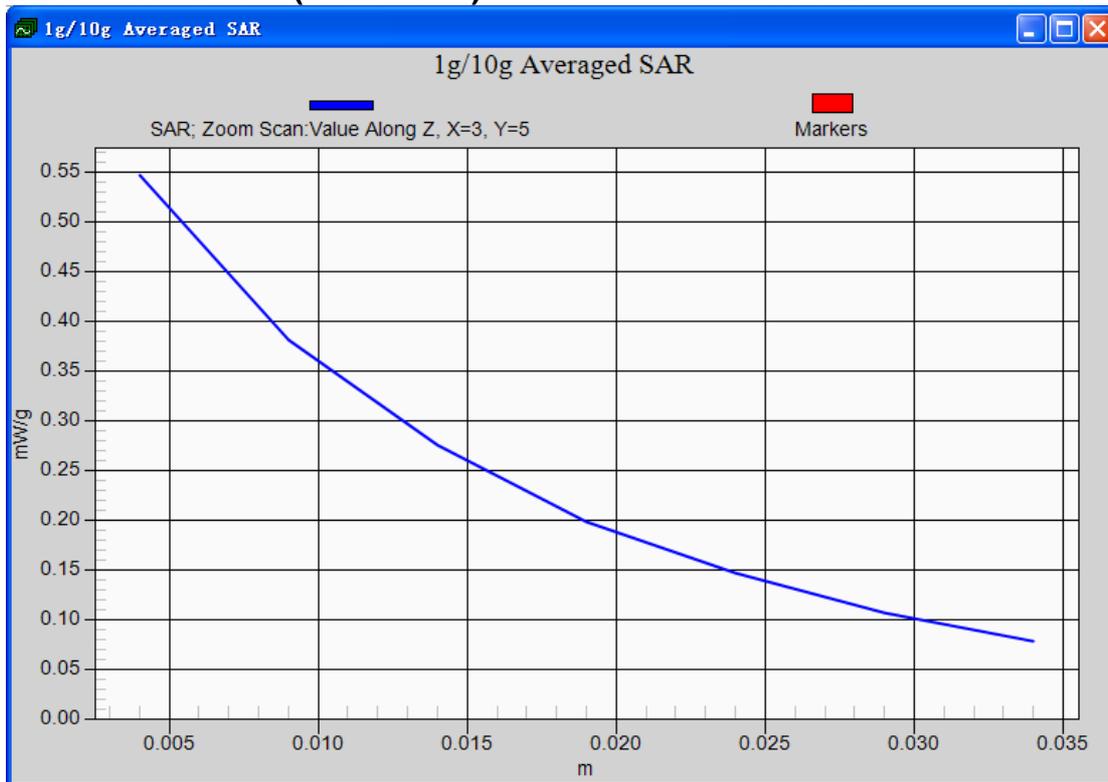
E372u-8 Front side (2 timeslots) –GPRS 850 Channel 192



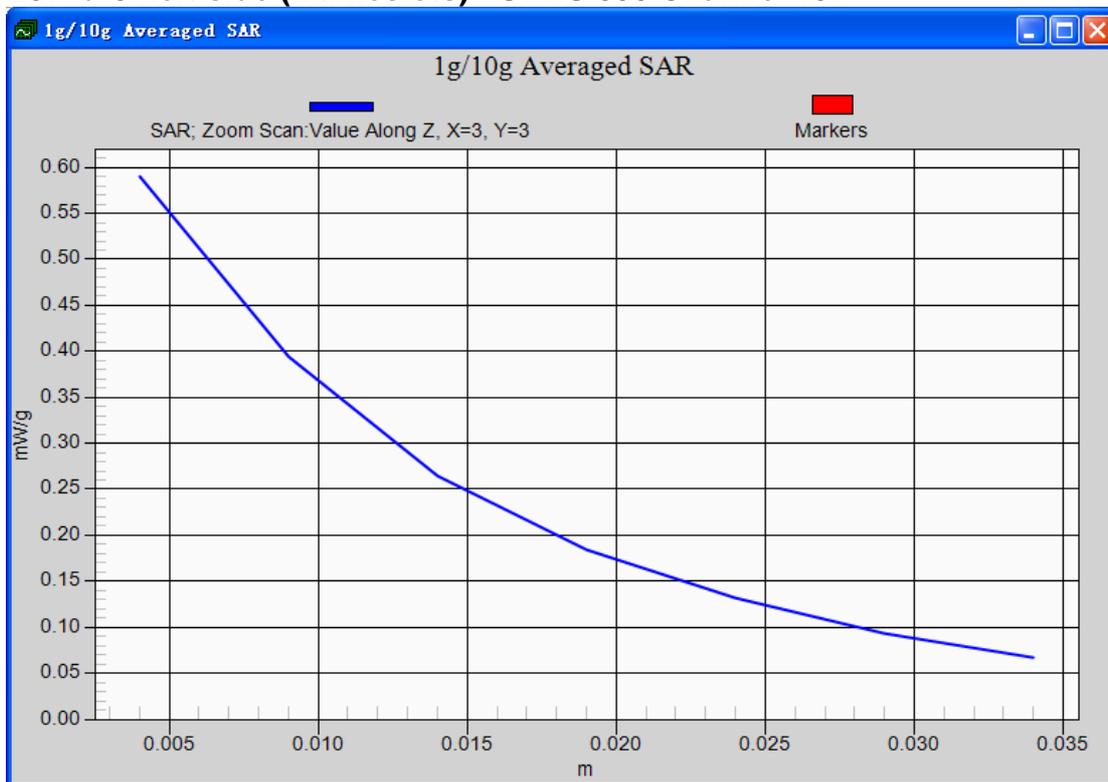
E372u-8 Front side (1 timeslots) –GPRS 850 Channel 192



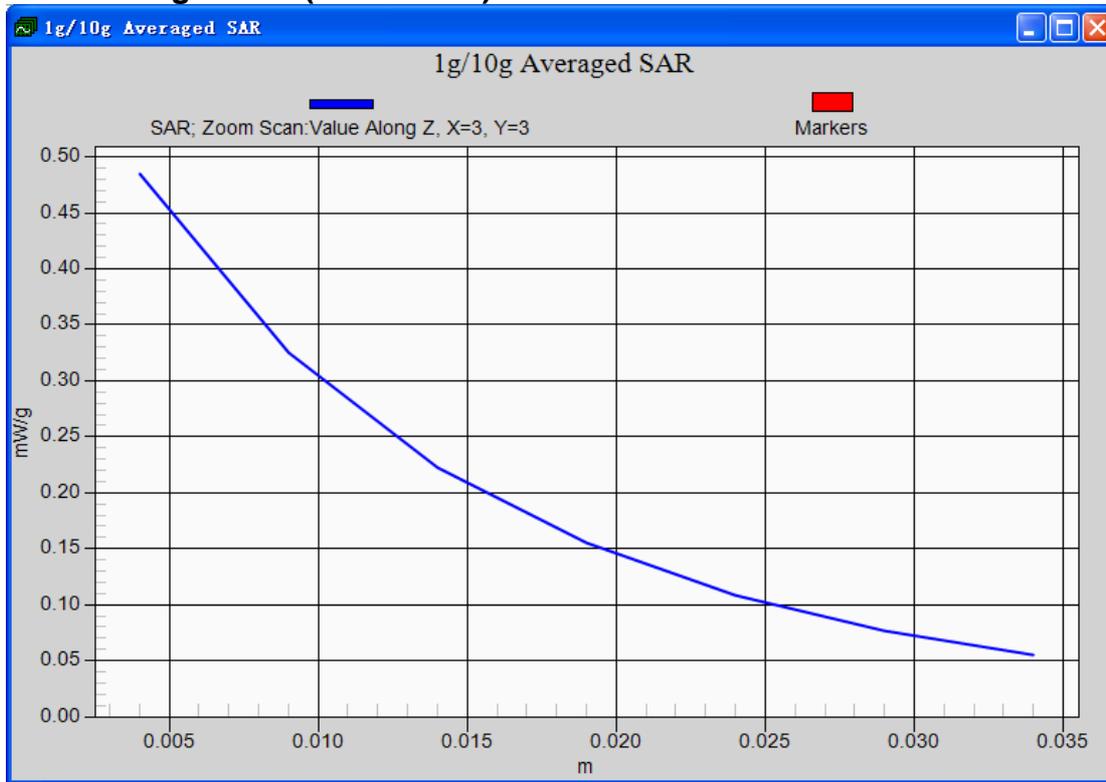
E372u-8 Rear side (2 timeslots) –GPRS 850 Channel 192



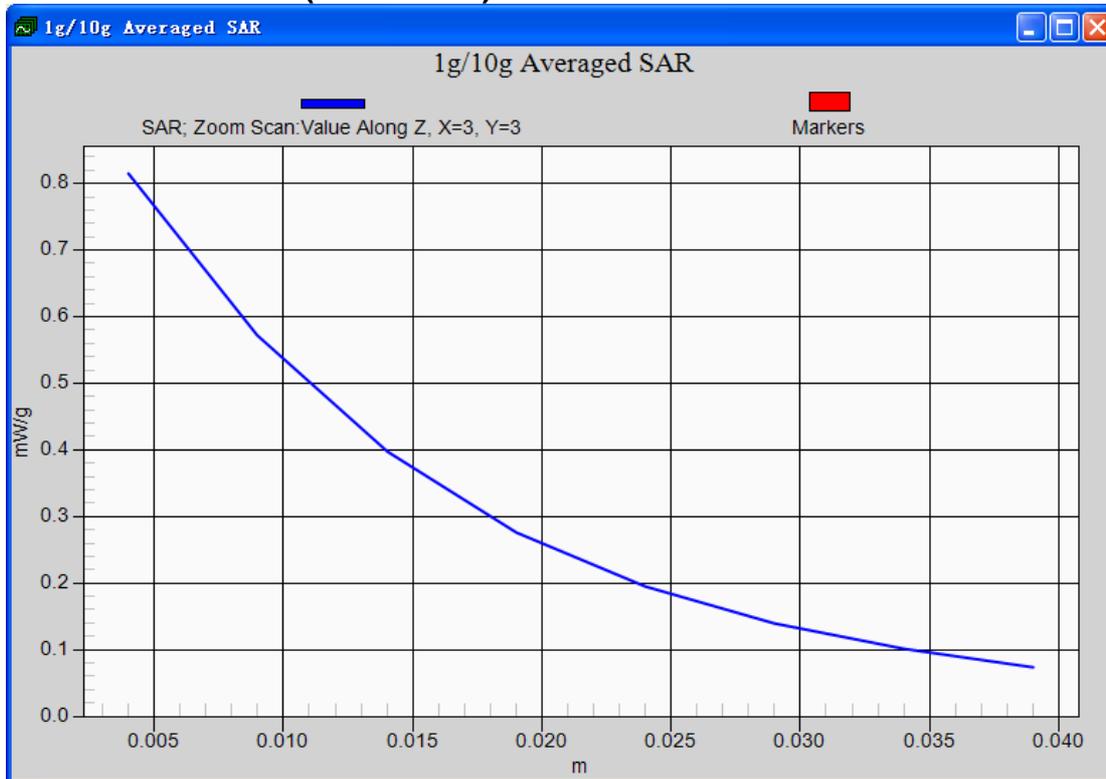
E372u-8 Left side (2 timeslots) –GPRS 850 Channel 192



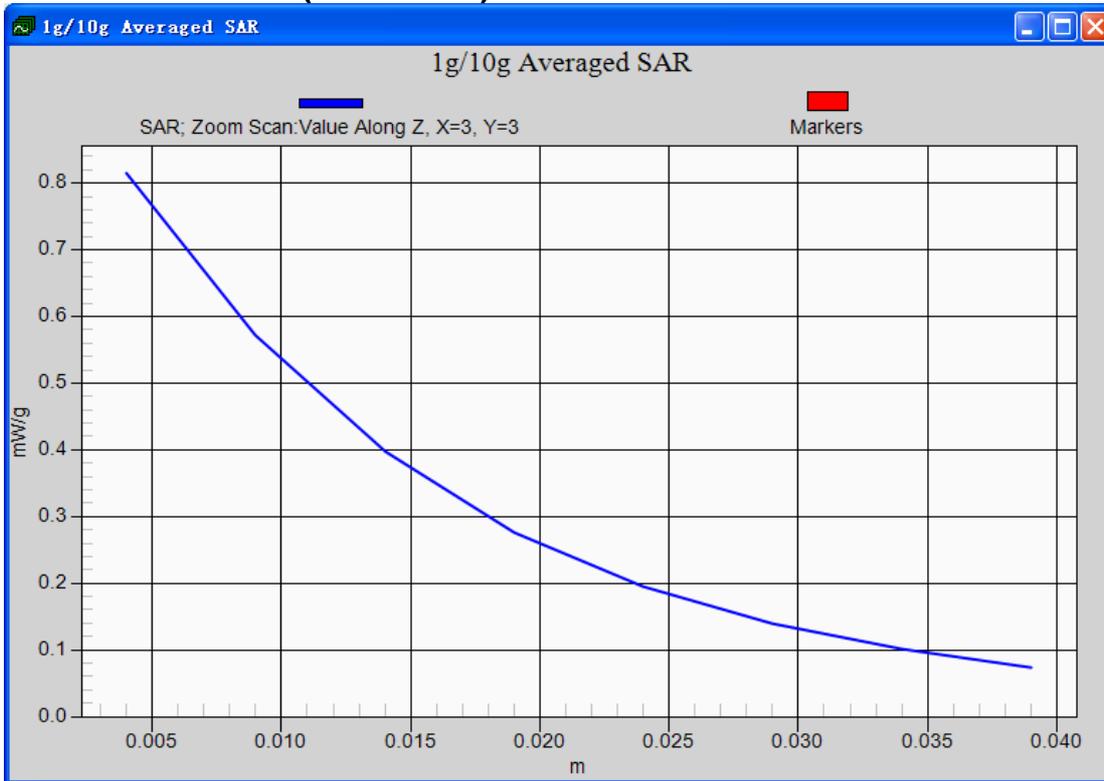
E372u-8 Right side (2 timeslots) –GPRS 850 Channel 192



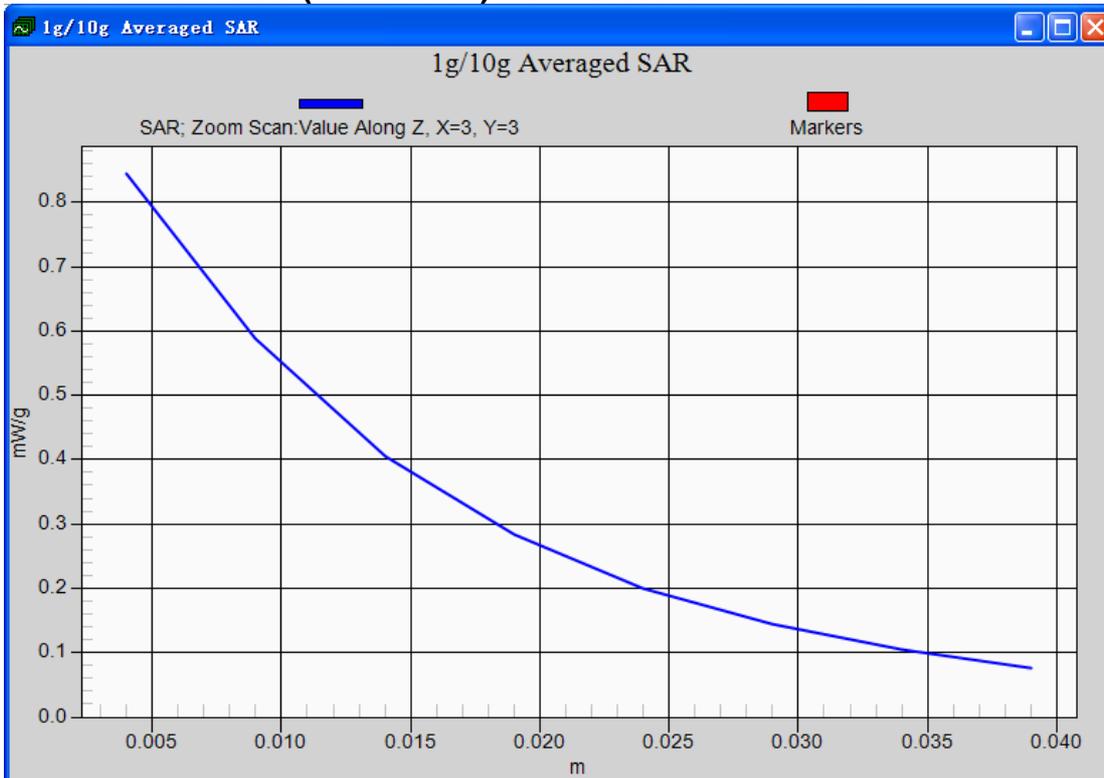
E372u-8 Front side (4 timeslots) –GPRS 850 Channel 128



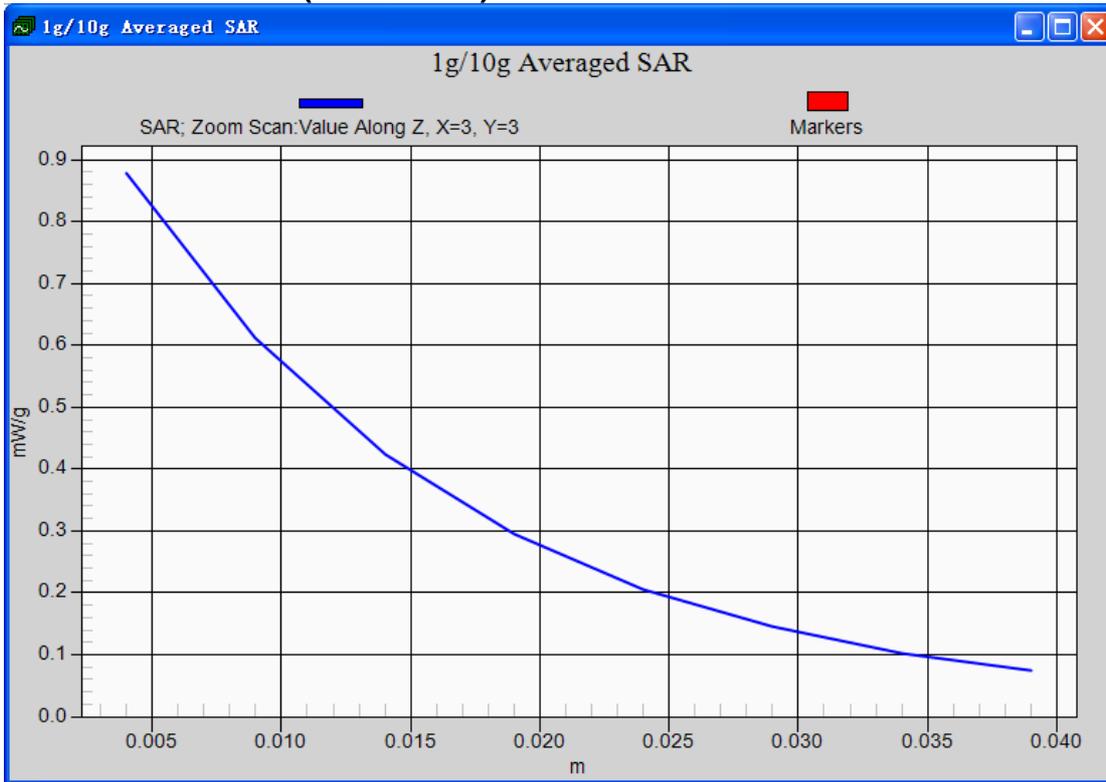
E372u-8 Front side (4 timeslots) –GPRS 850 Channel 251



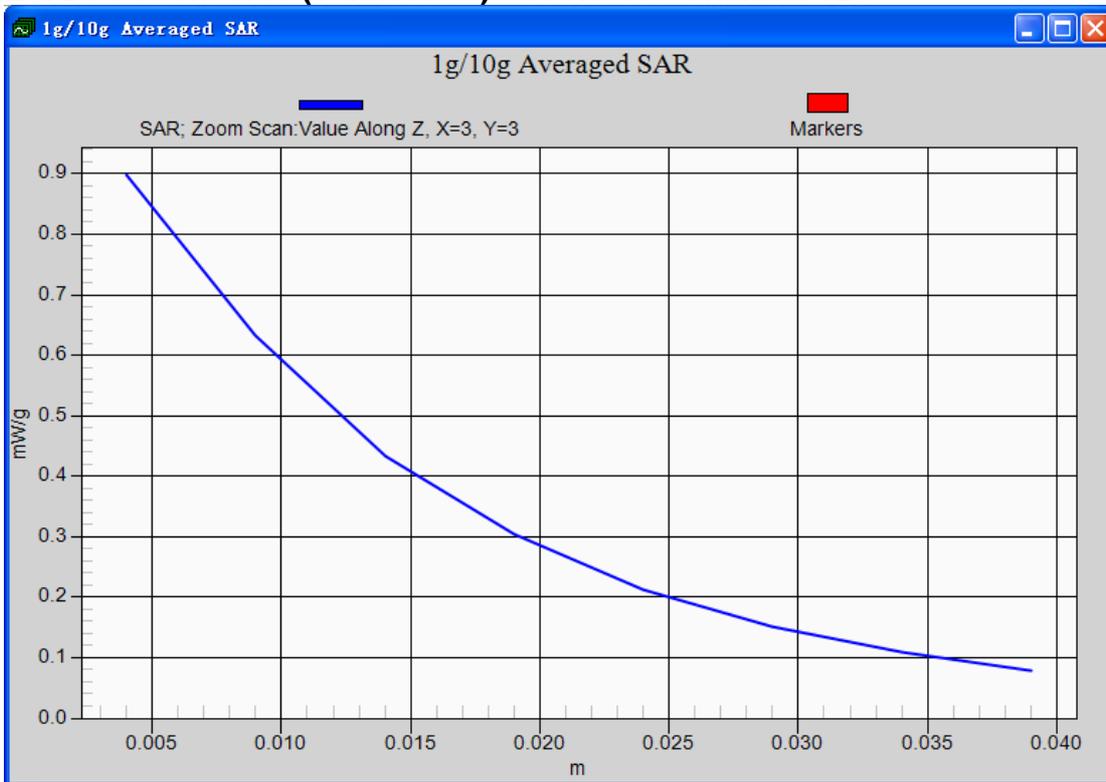
E372u-8 Front side (2 timeslots) –GPRS 850 Channel 128



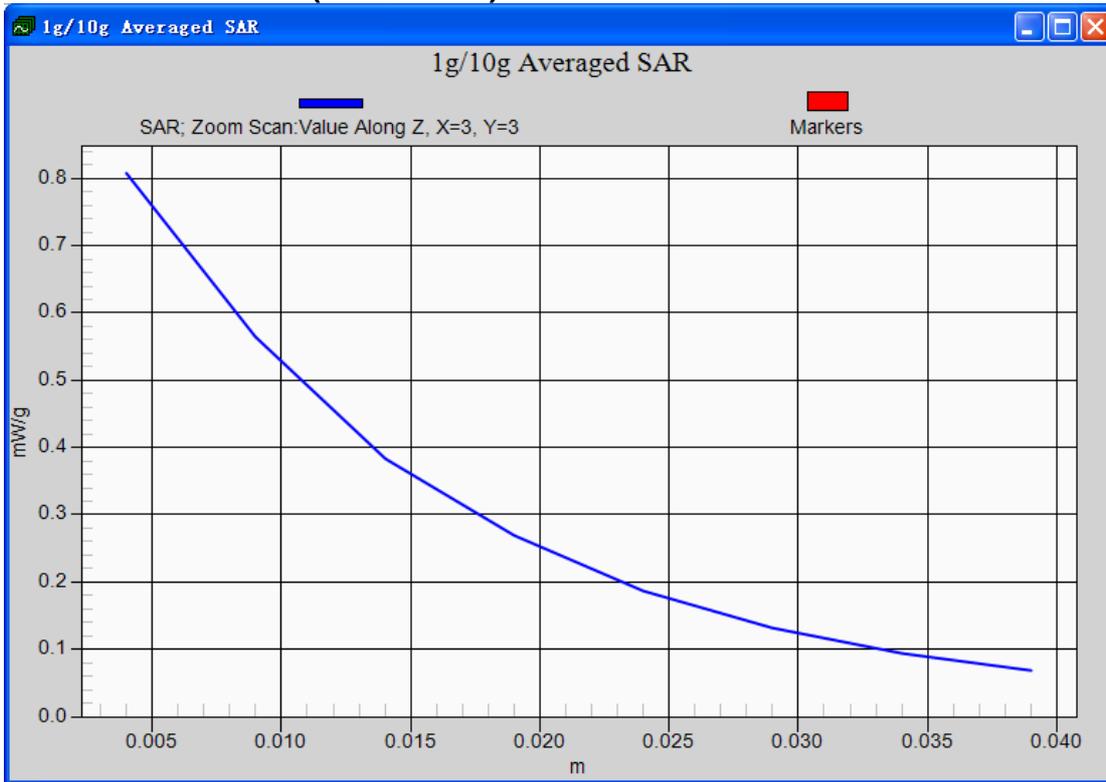
E372u-8 Front side (2 timeslots) –GPRS 850 Channel 251



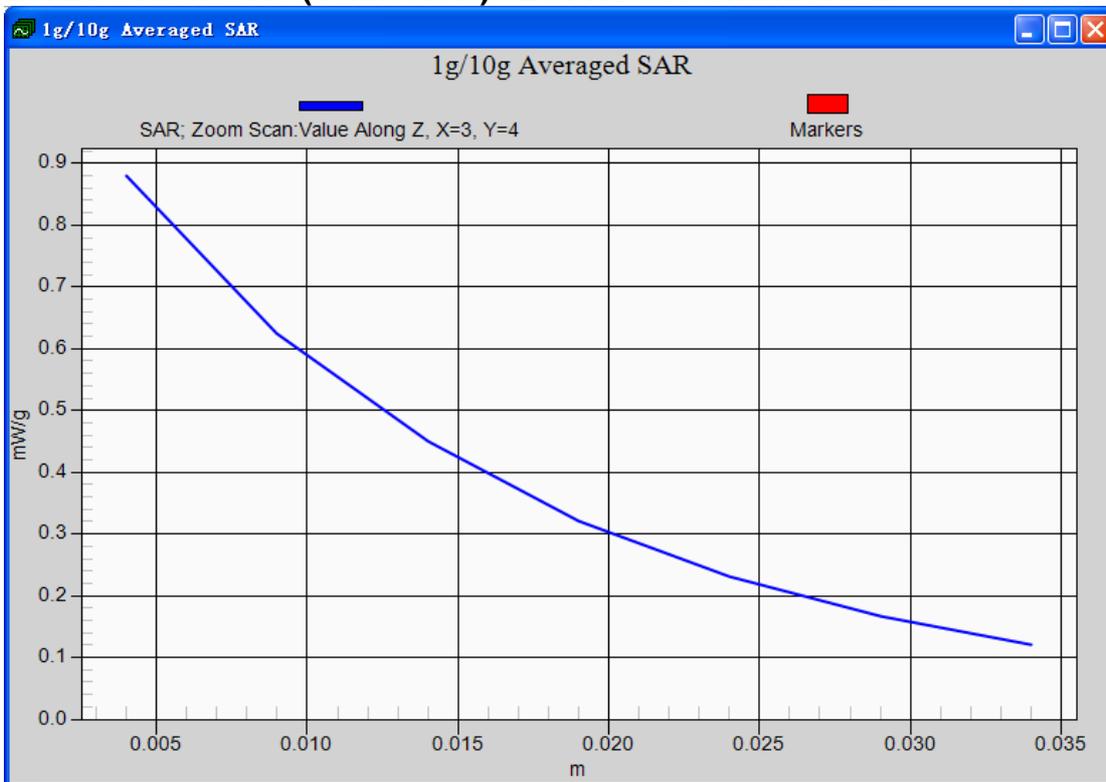
E372u-8 Front side (1 timeslots) –GPRS 850 Channel 128



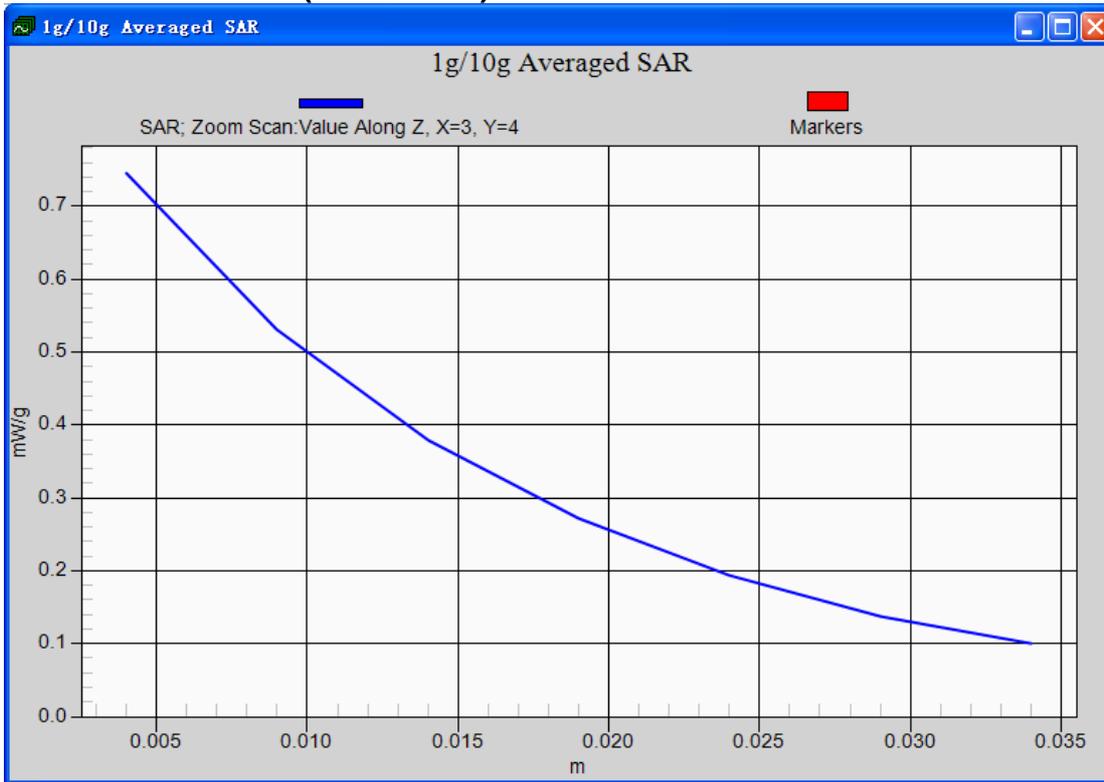
E372u-8 Front side (1 timeslots) –GPRS 850 Channel 251



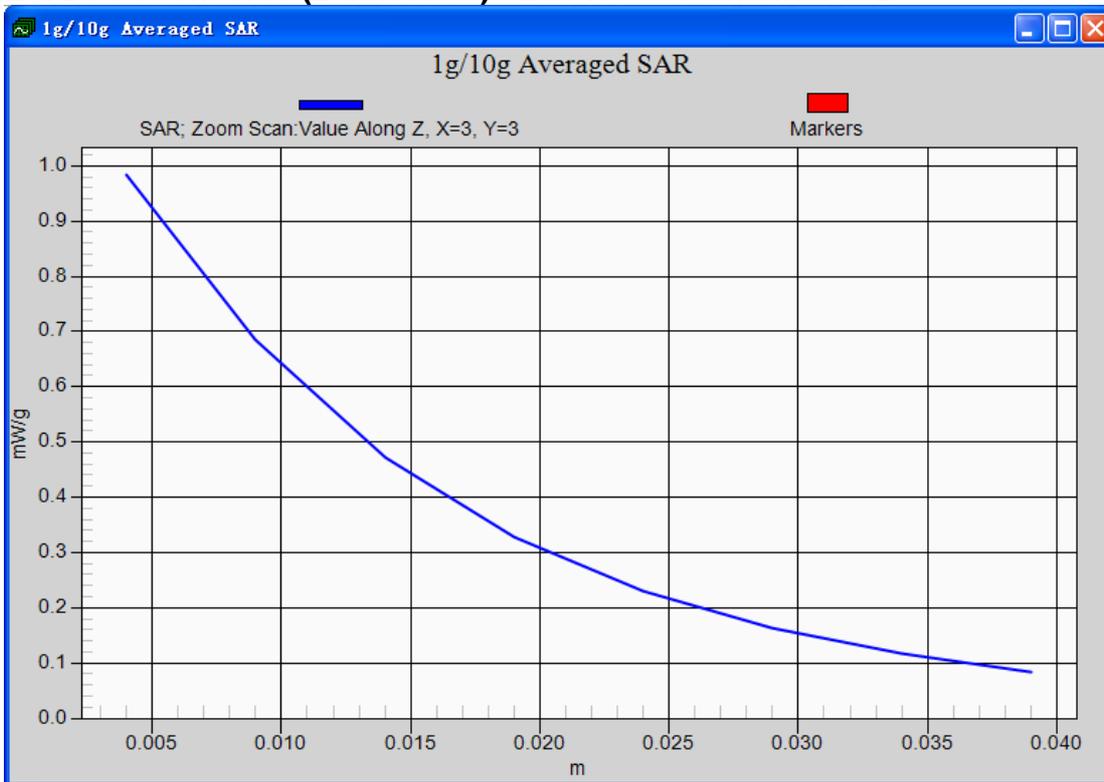
E372u-8 Front side (4 timeslots) –EGPRS 850 Channel 192



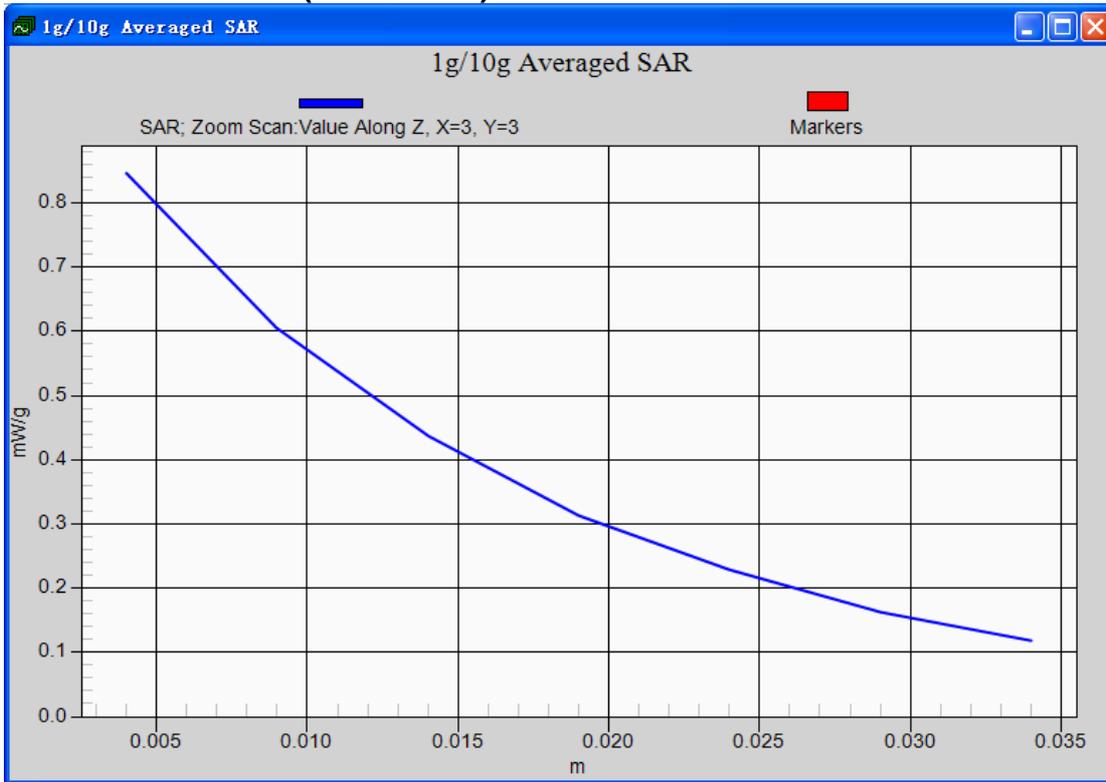
E372u-8 Front side (3 timeslots) –EGPRS 850 Channel 192



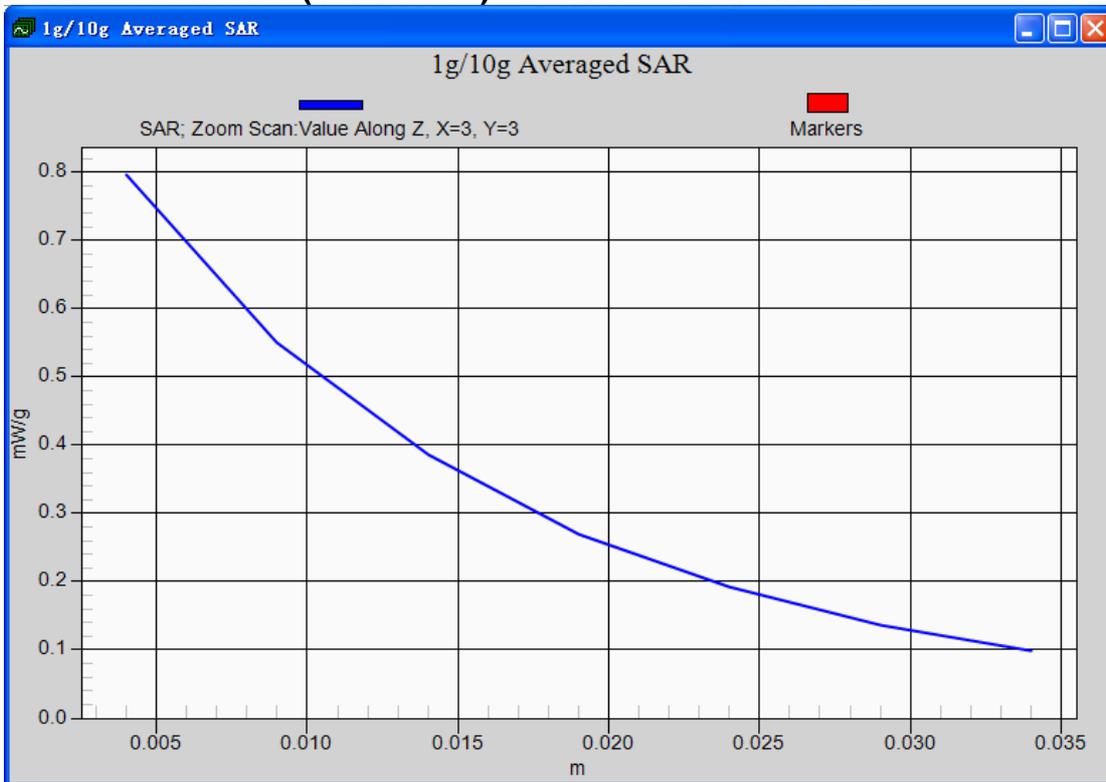
E372u-8 Front side (2 timeslots) –EGPRS 850 Channel 192



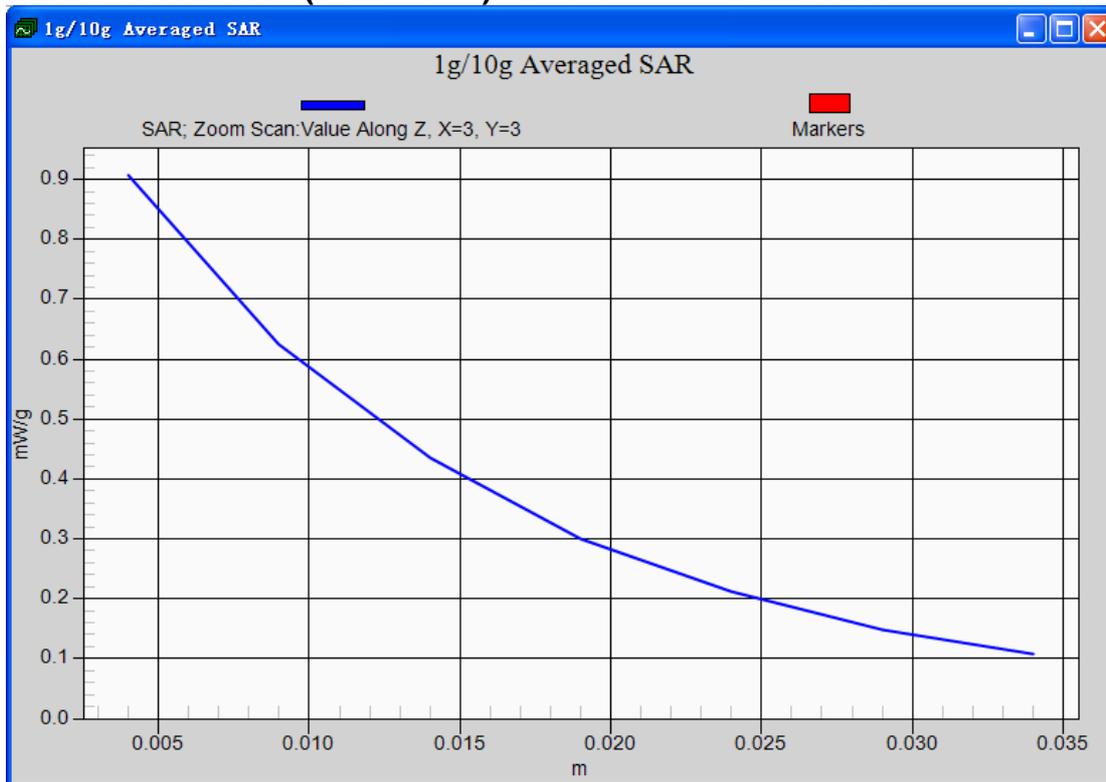
E372u-8 Front side (1 timeslots) –EGPRS 850 Channel 192



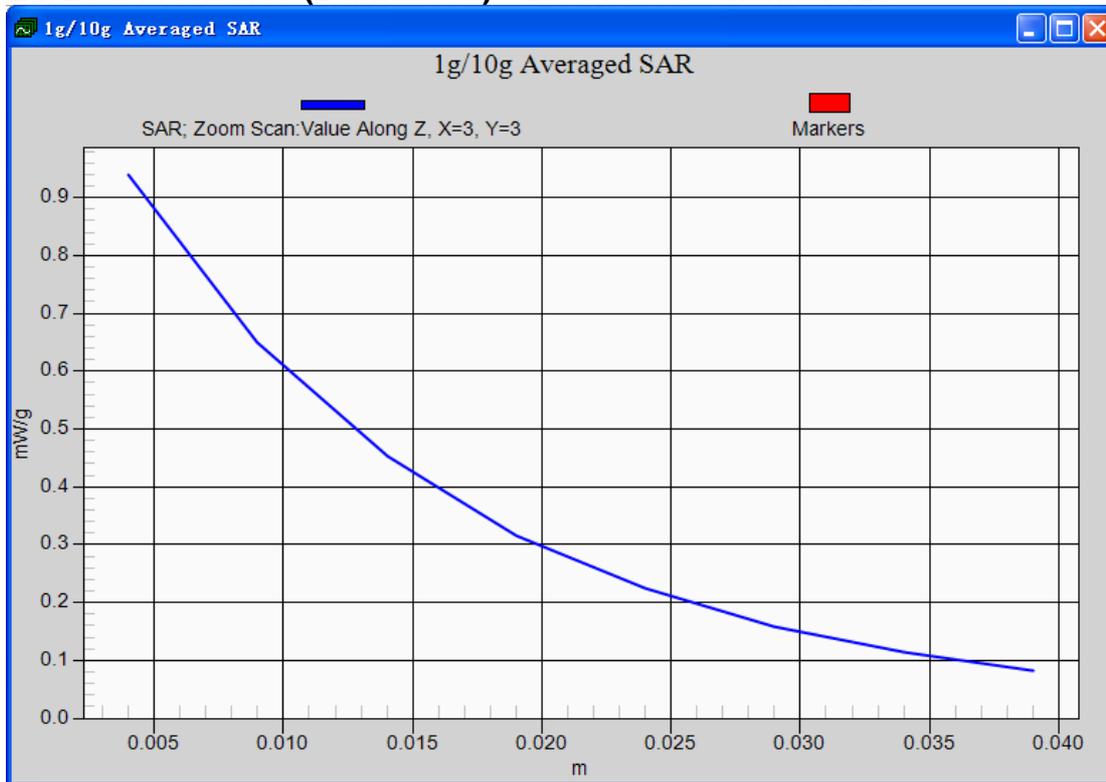
E372u-8 Front side (4 timeslots) –EGPRS 850 Channel 128



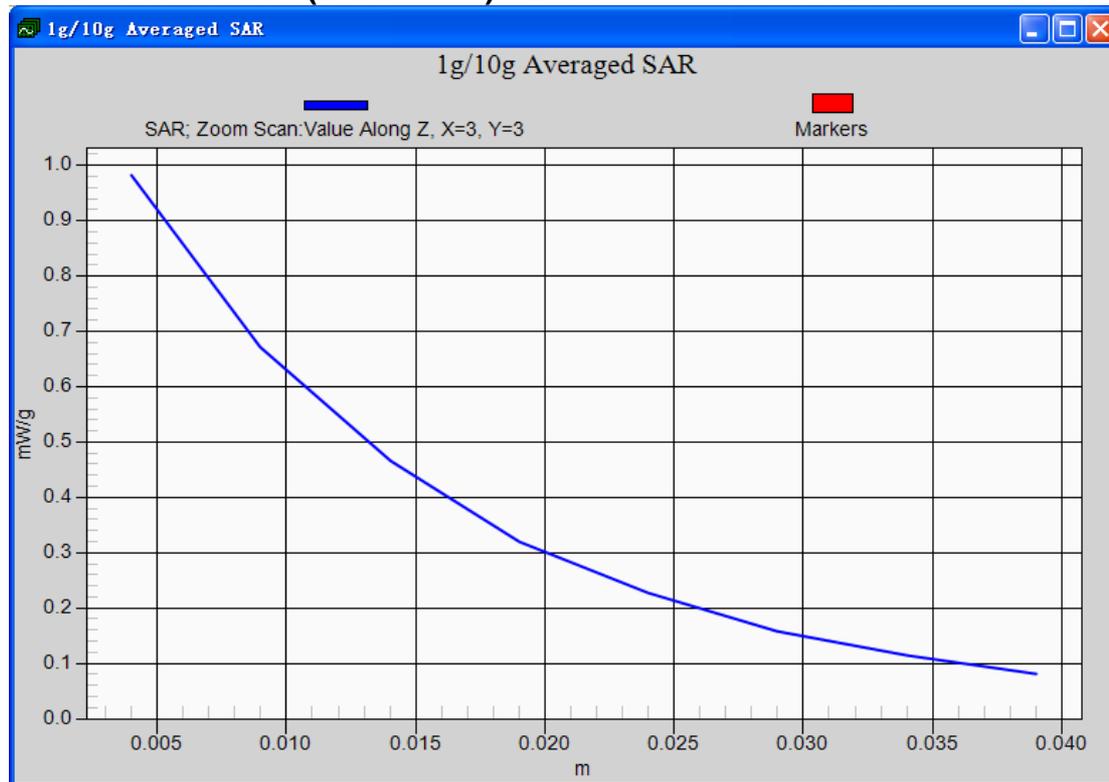
E372u-8 Front side (4 timeslots) –EGPRS 850 Channel 251



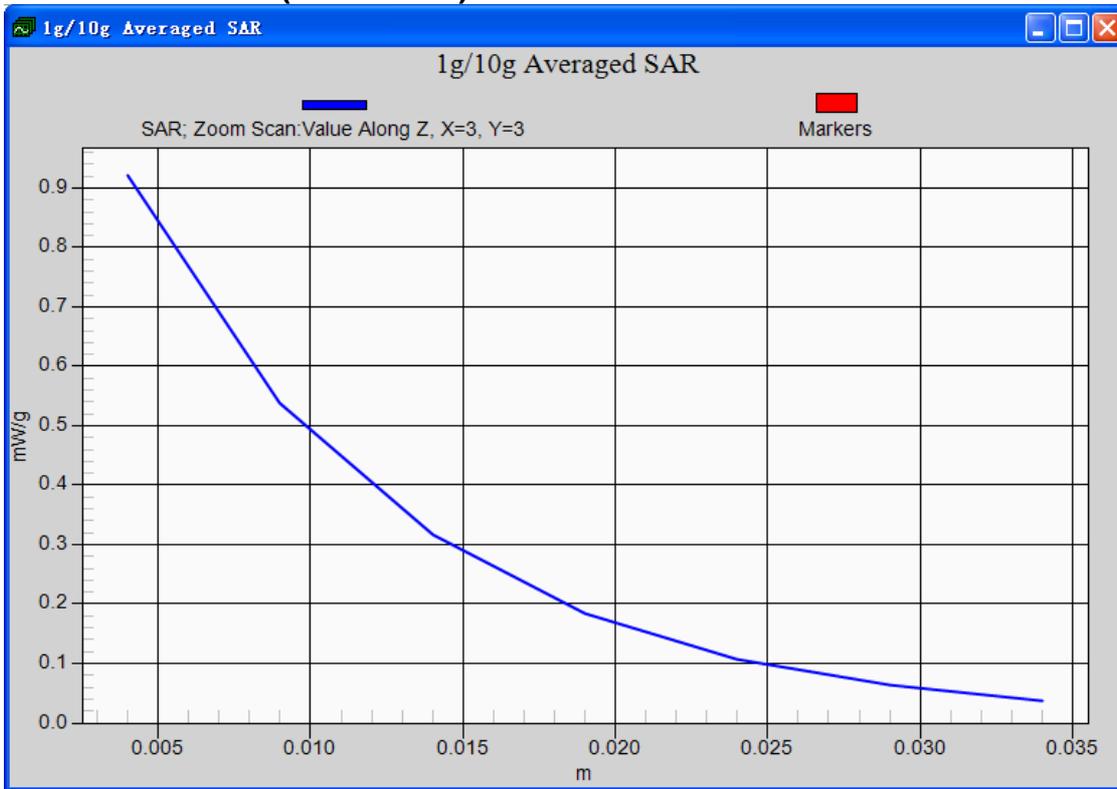
E372u-8 Front side (2 timeslots) –EGPRS 850 Channel 128



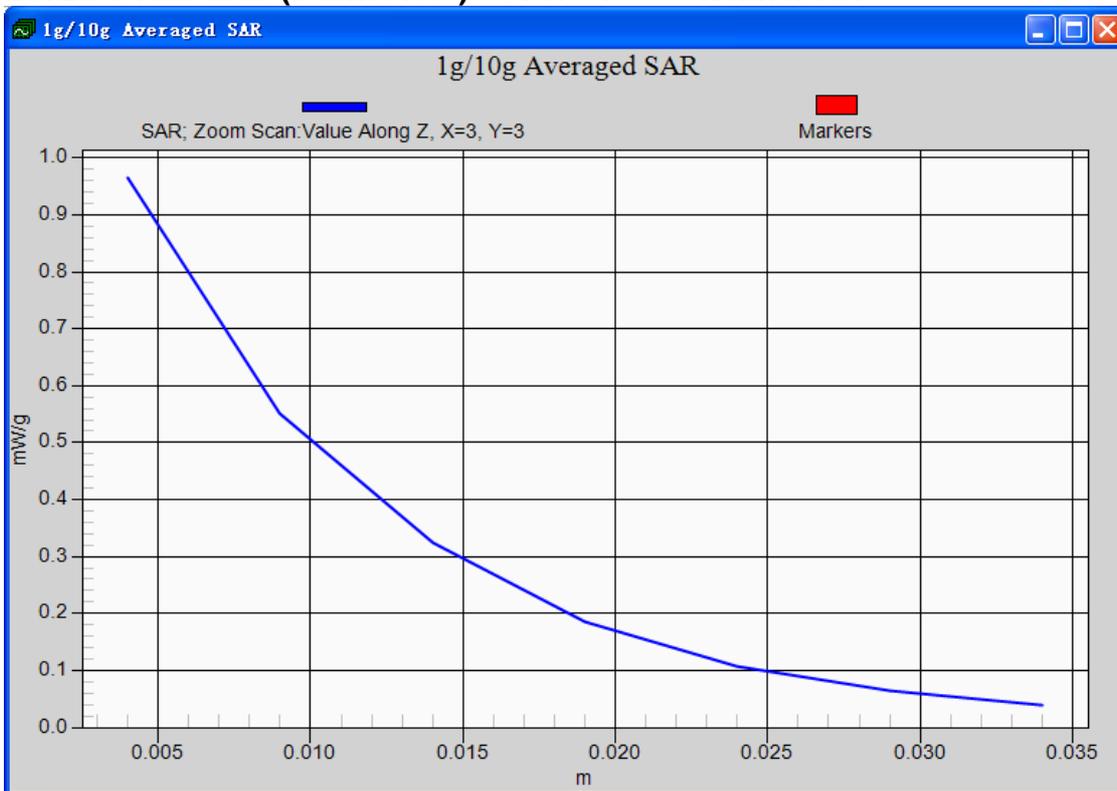
E372u-8 Front side (2 timeslots) –EGPRS 850 Channel 251



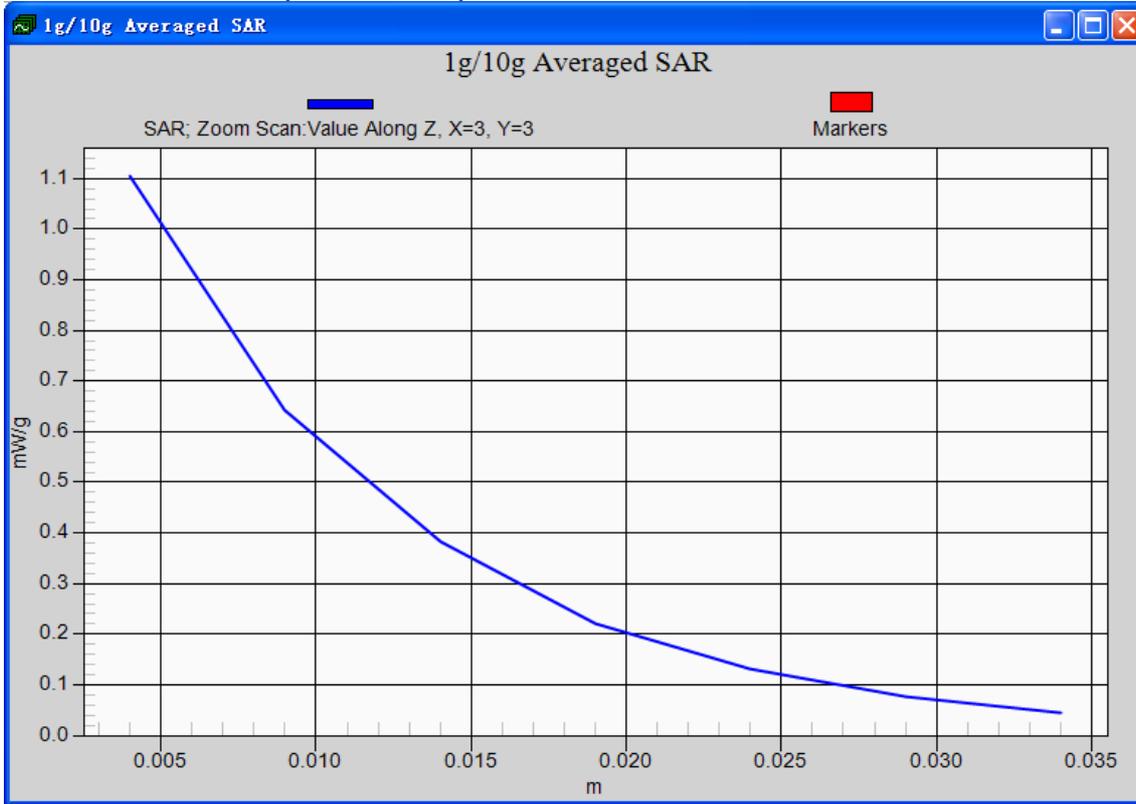
GSM 1900
E372u-8 rear side (4 timeslots) –GPRS 1900 Channel 661



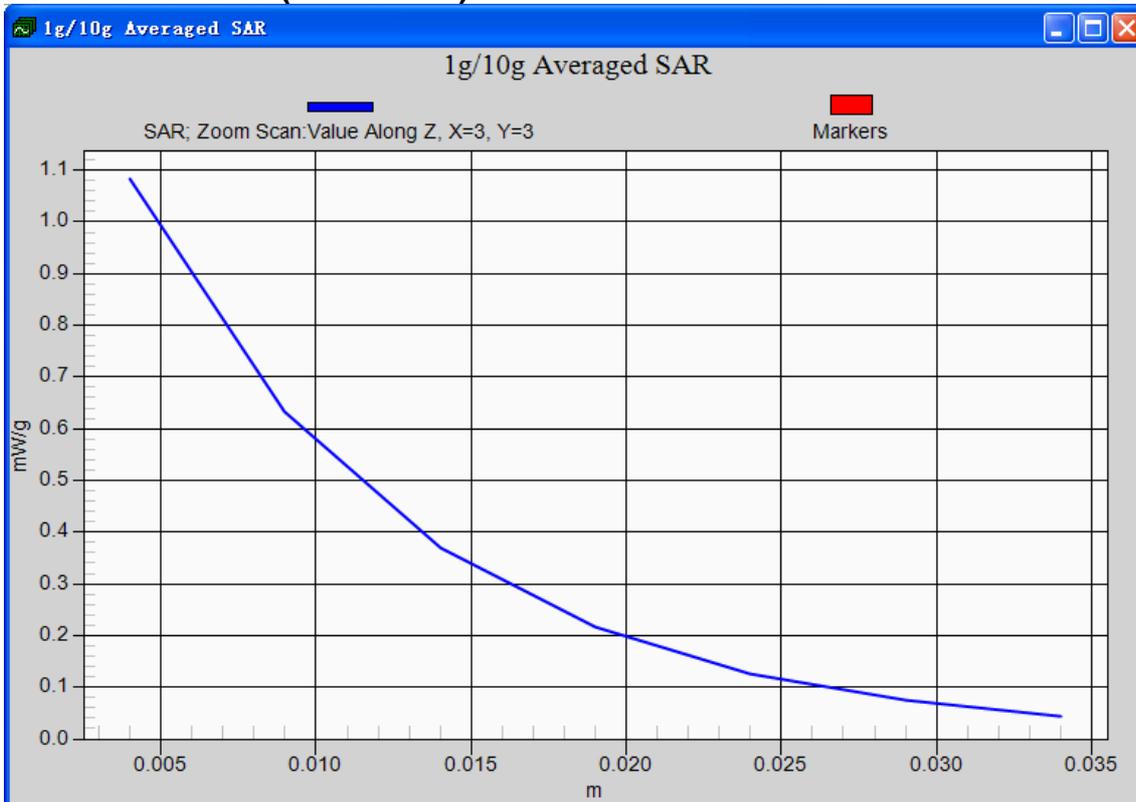
E372u-8 rear side (3 timeslots) –GPRS 1900 Channel 661



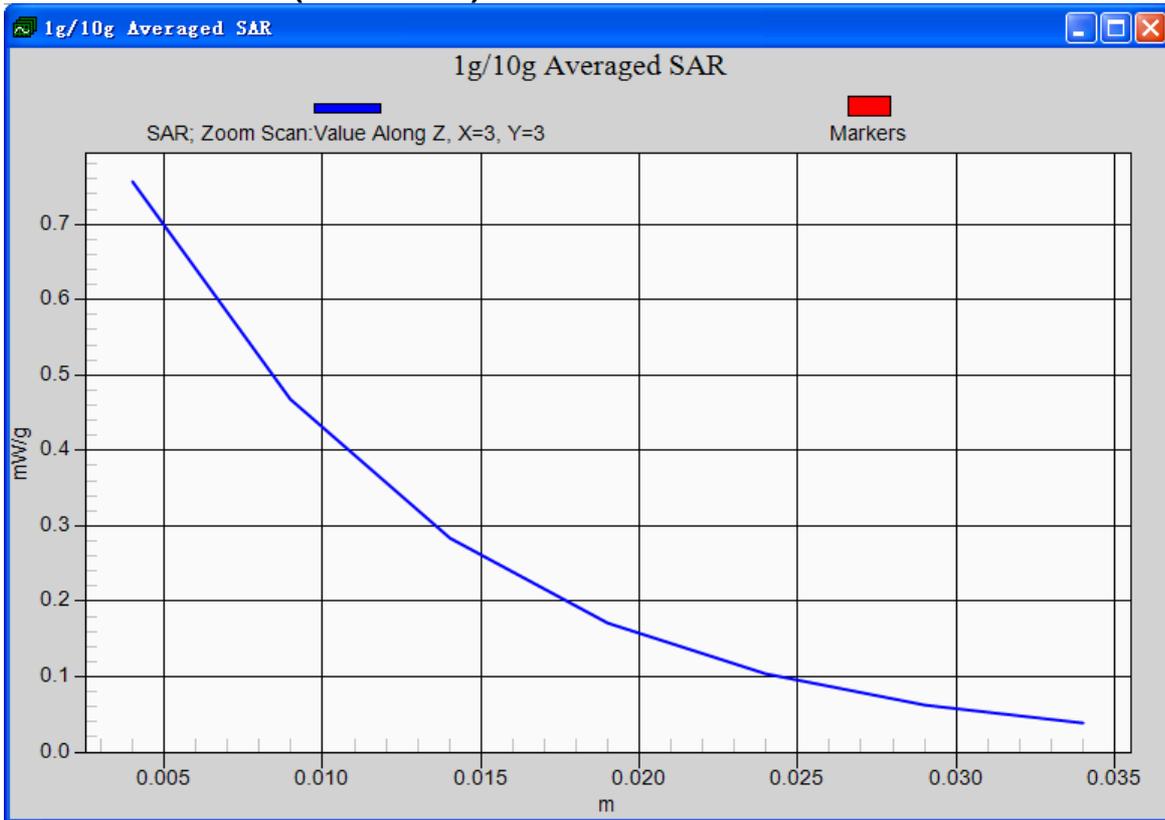
E372u-8 rear side (2 timeslots) –GPRS 1900 Channel 661



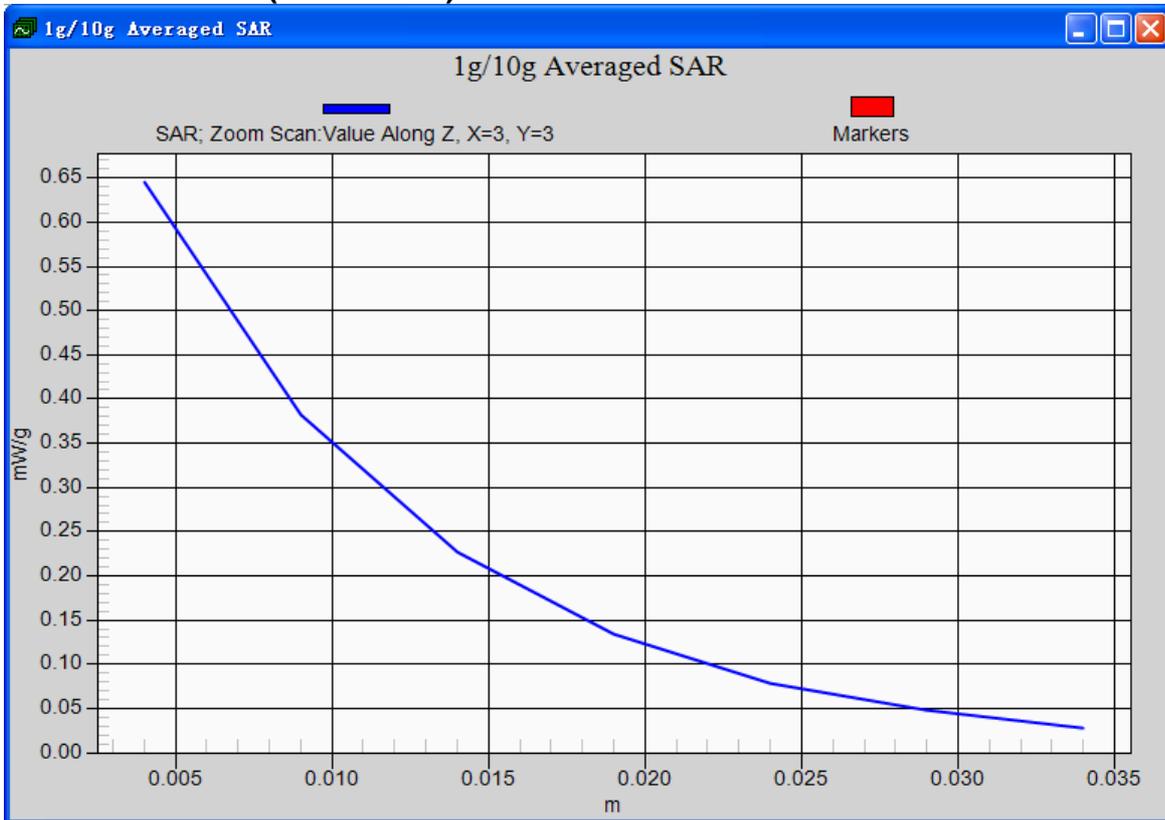
E372u-8 rear side (1 timeslots) –GPRS 1900 Channel 661



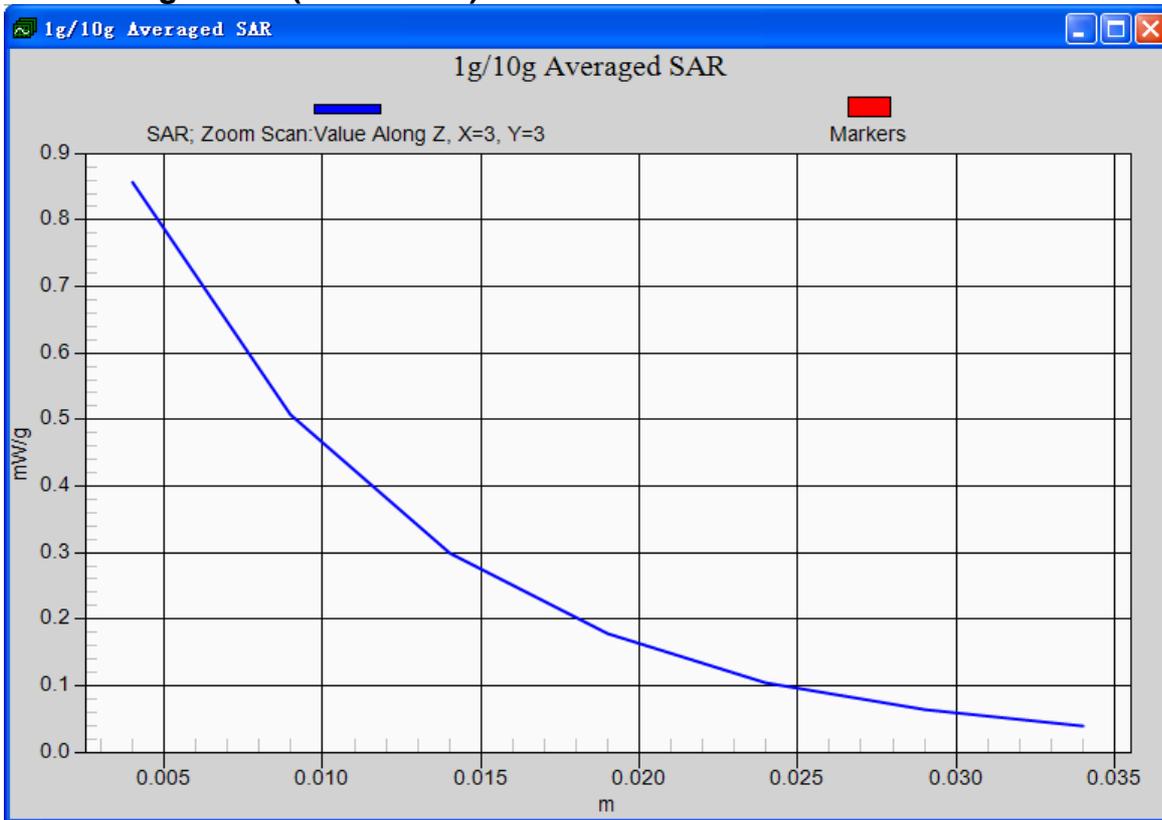
E372u-8 front side (2 timeslots) –GPRS 1900 Channel 661



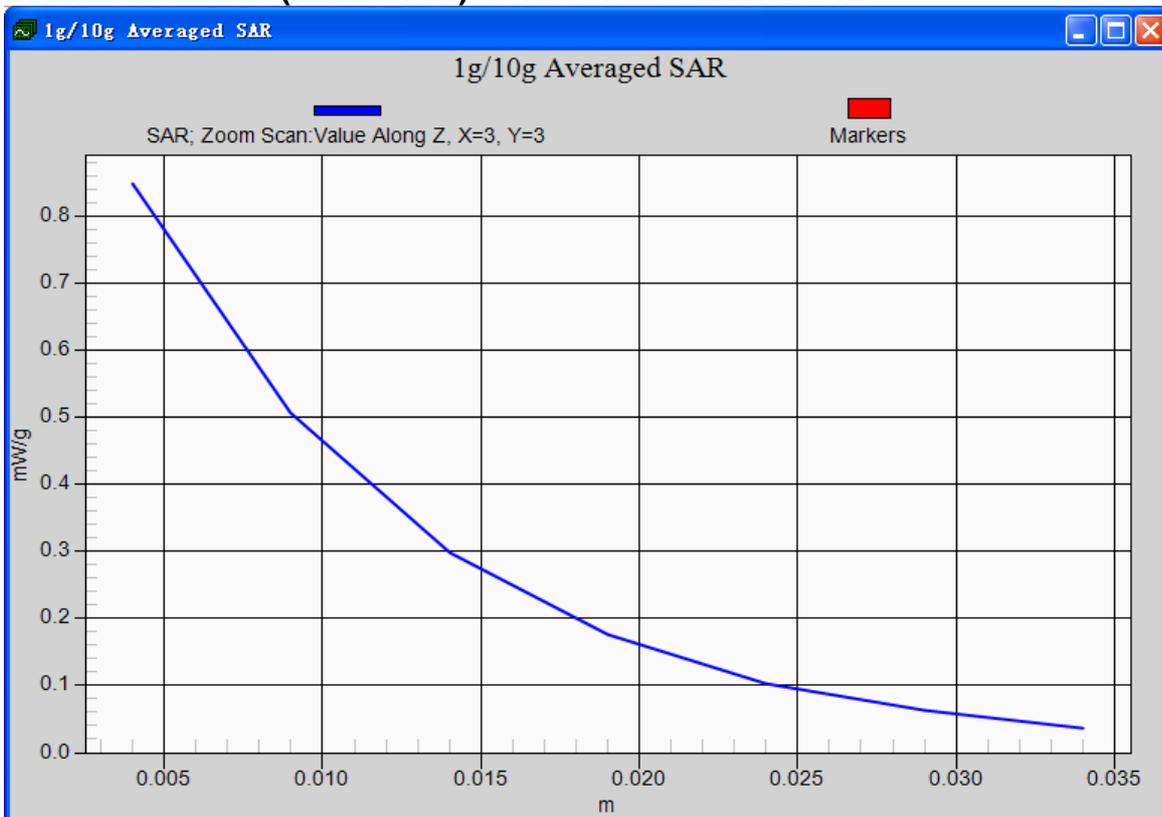
E372u-8 left side (2 timeslots) –GPRS 1900 Channel 661



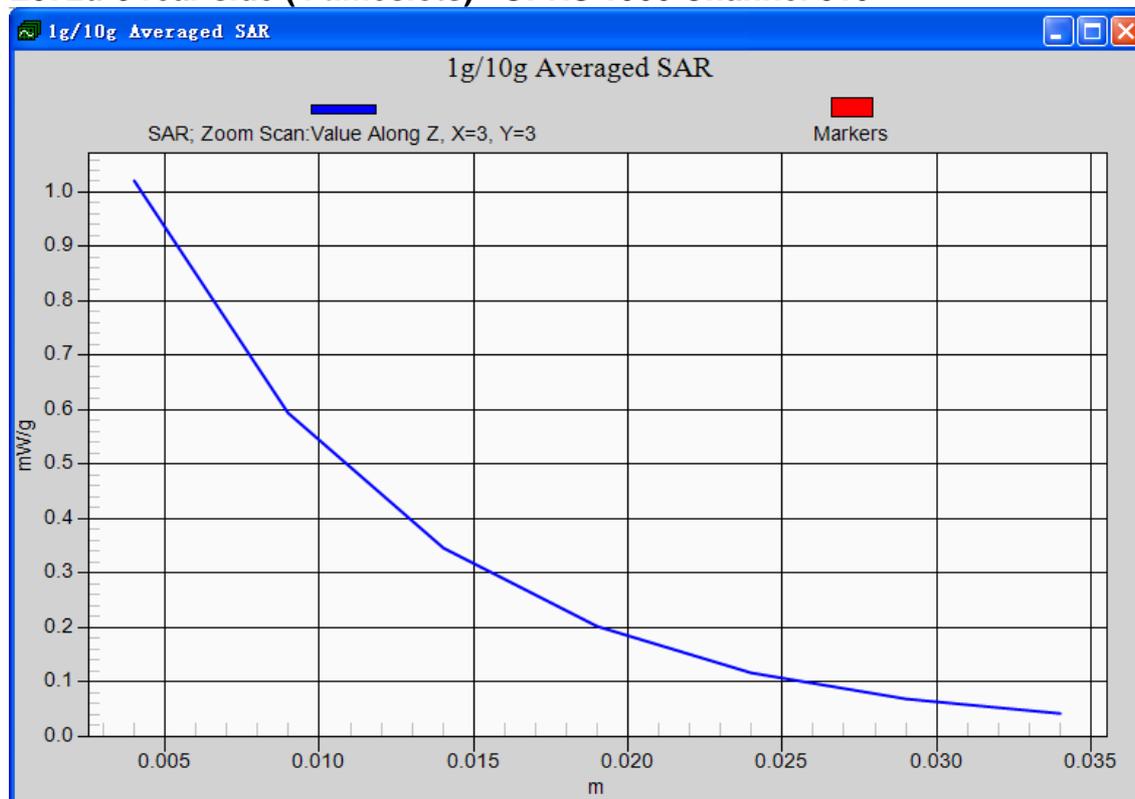
E372u-8 right side (2 timeslots) –GPRS 1900 Channel 661



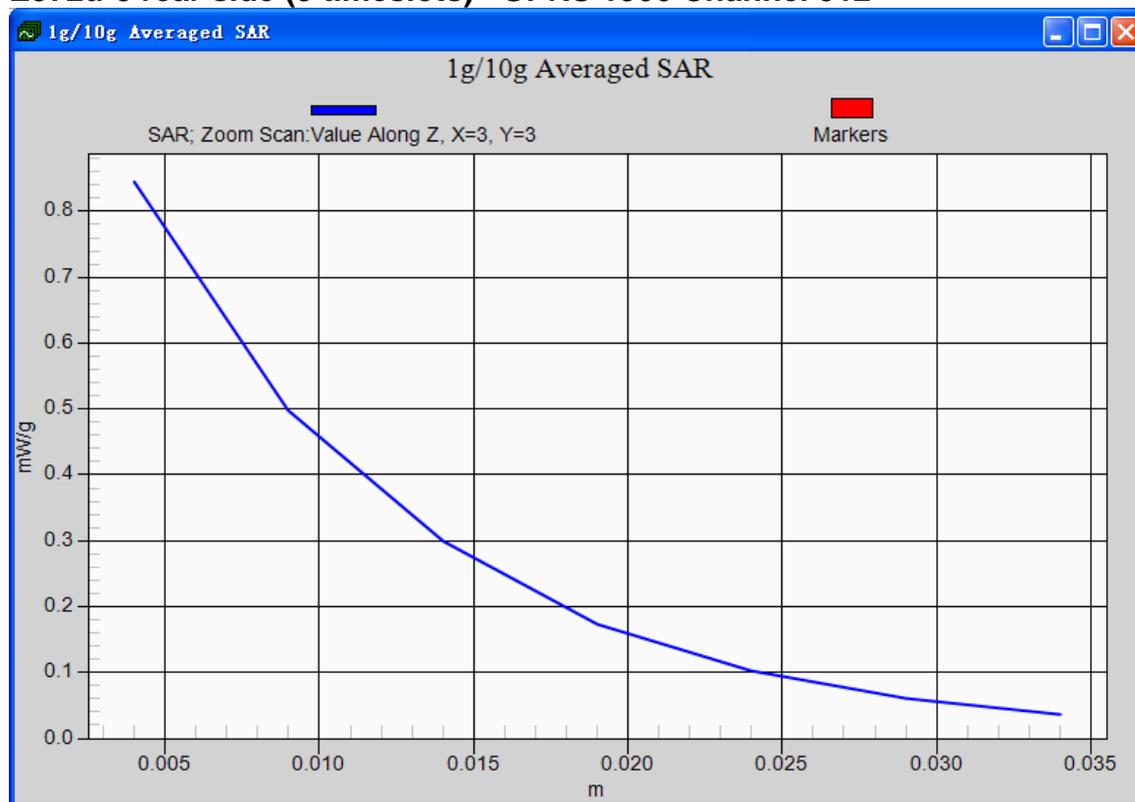
E372u-8 rear side (4 timeslots) –GPRS 1900 Channel 512



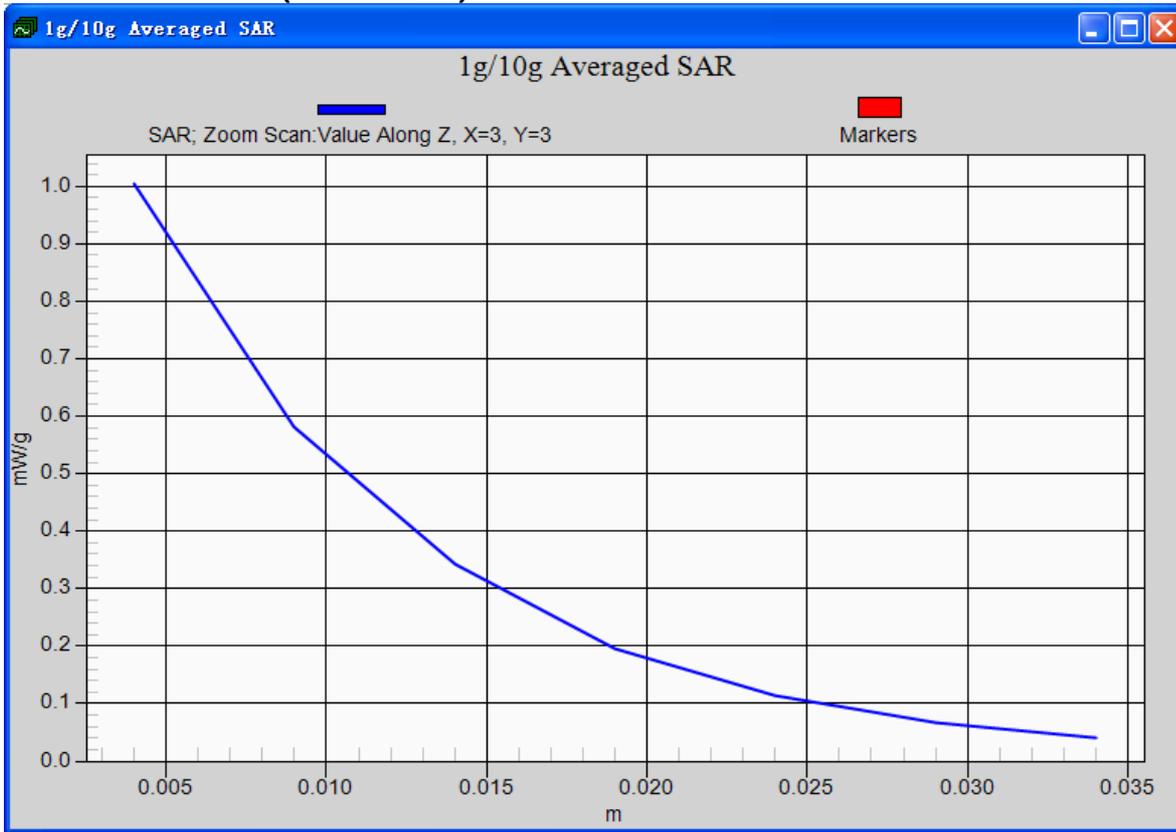
E372u-8 rear side (4 timeslots) –GPRS 1900 Channel 810



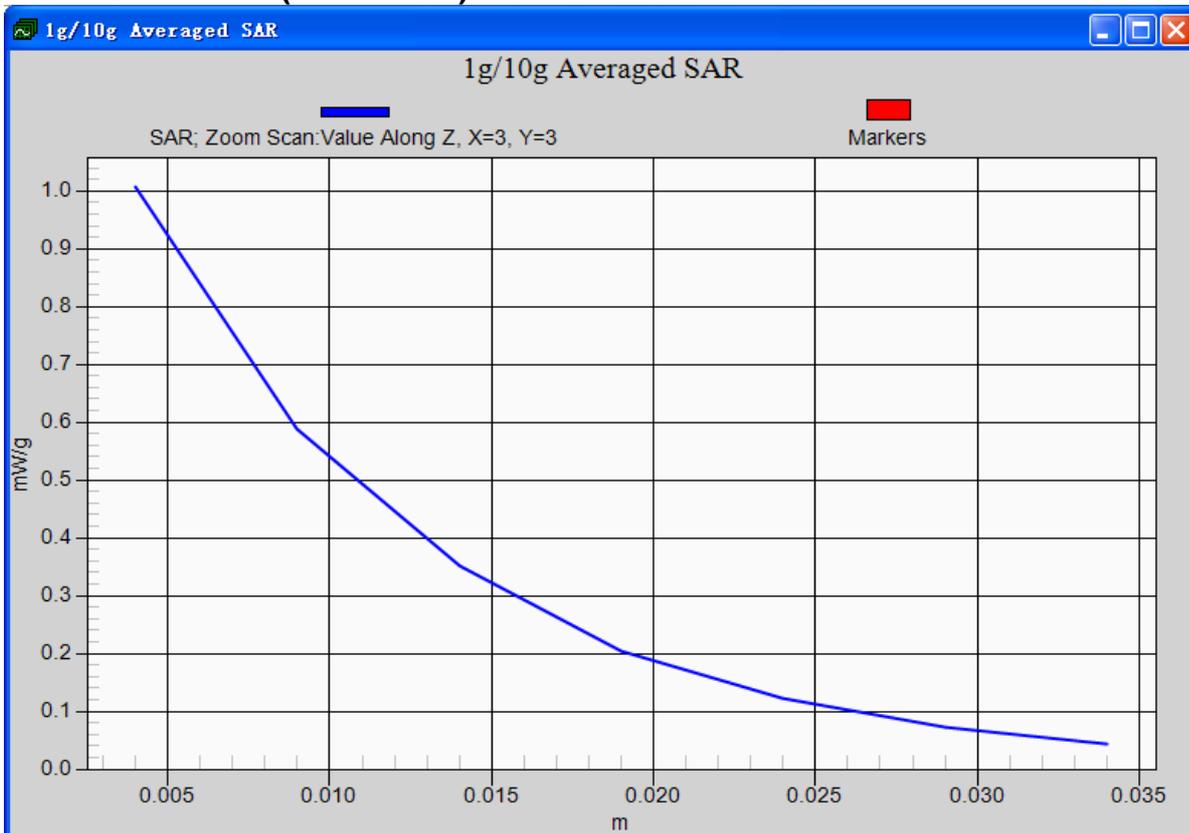
E372u-8 rear side (3 timeslots) –GPRS 1900 Channel 512



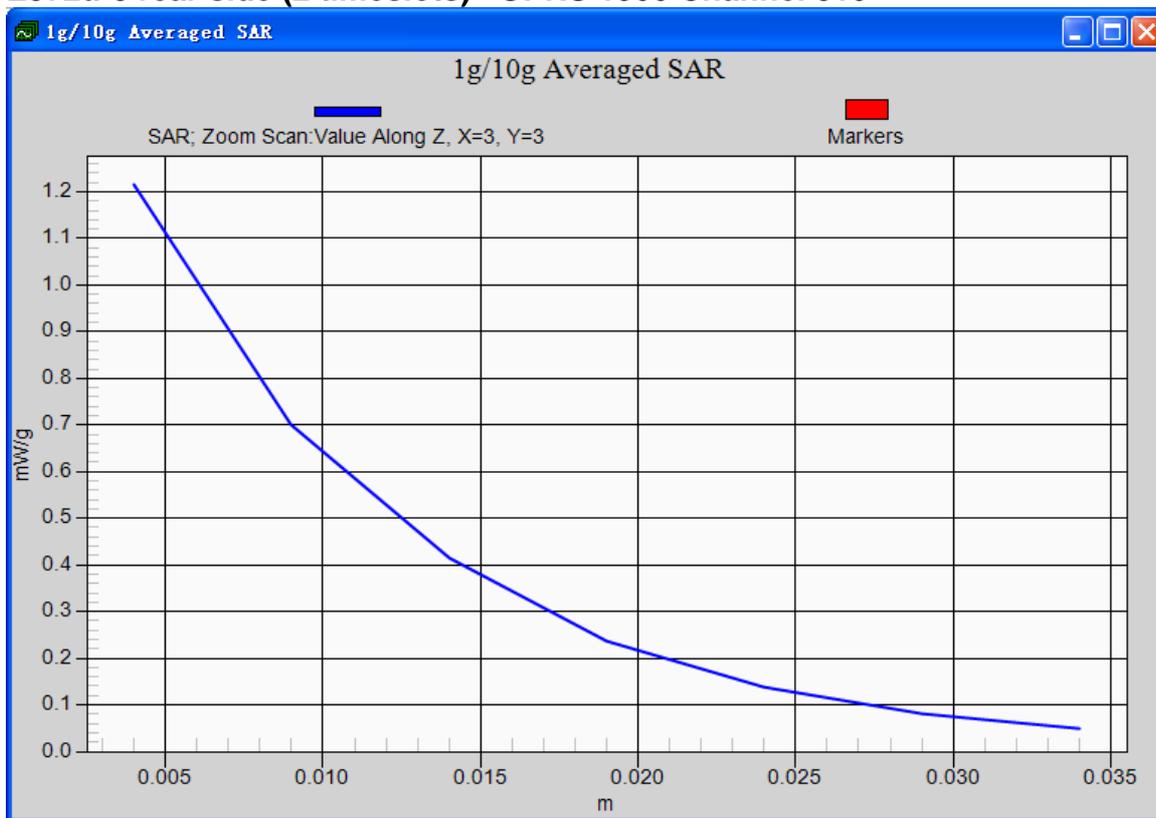
E372u-8 rear side (3 timeslots) –GPRS 1900 Channel 810



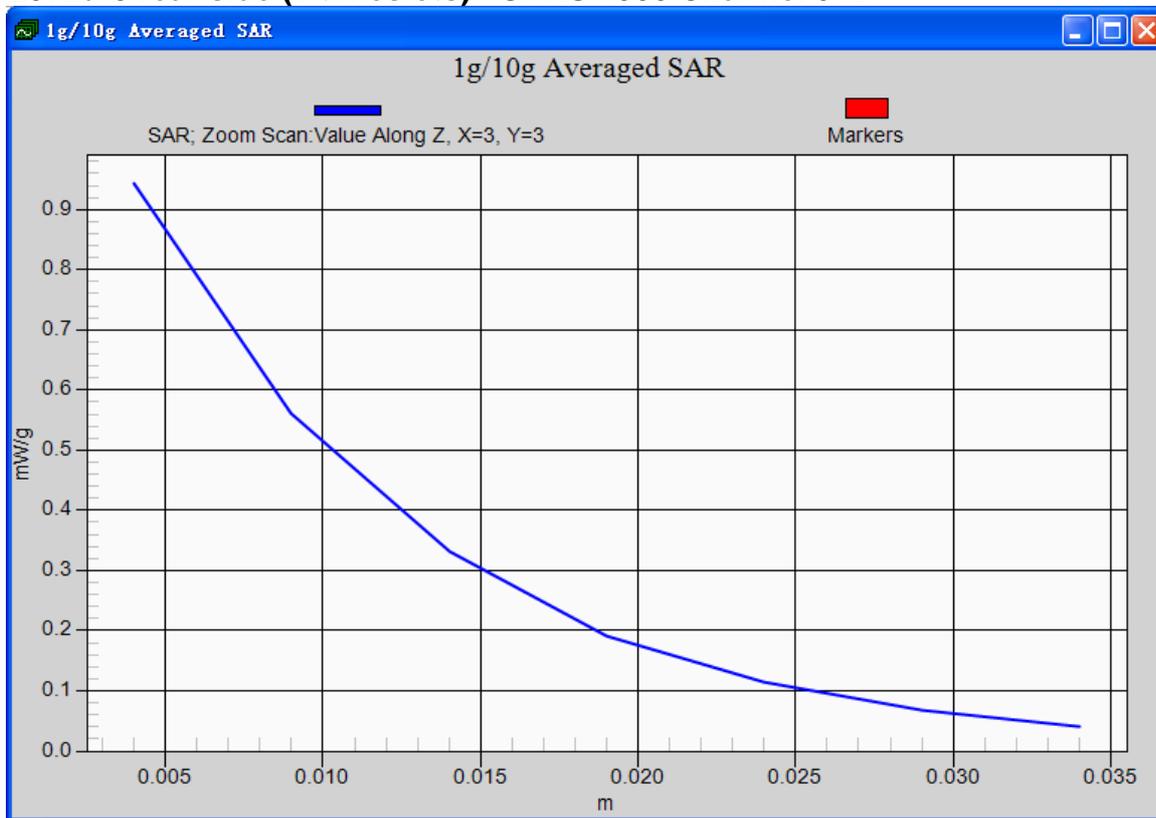
E372u-8 rear side (2 timeslots) –GPRS 1900 Channel 512



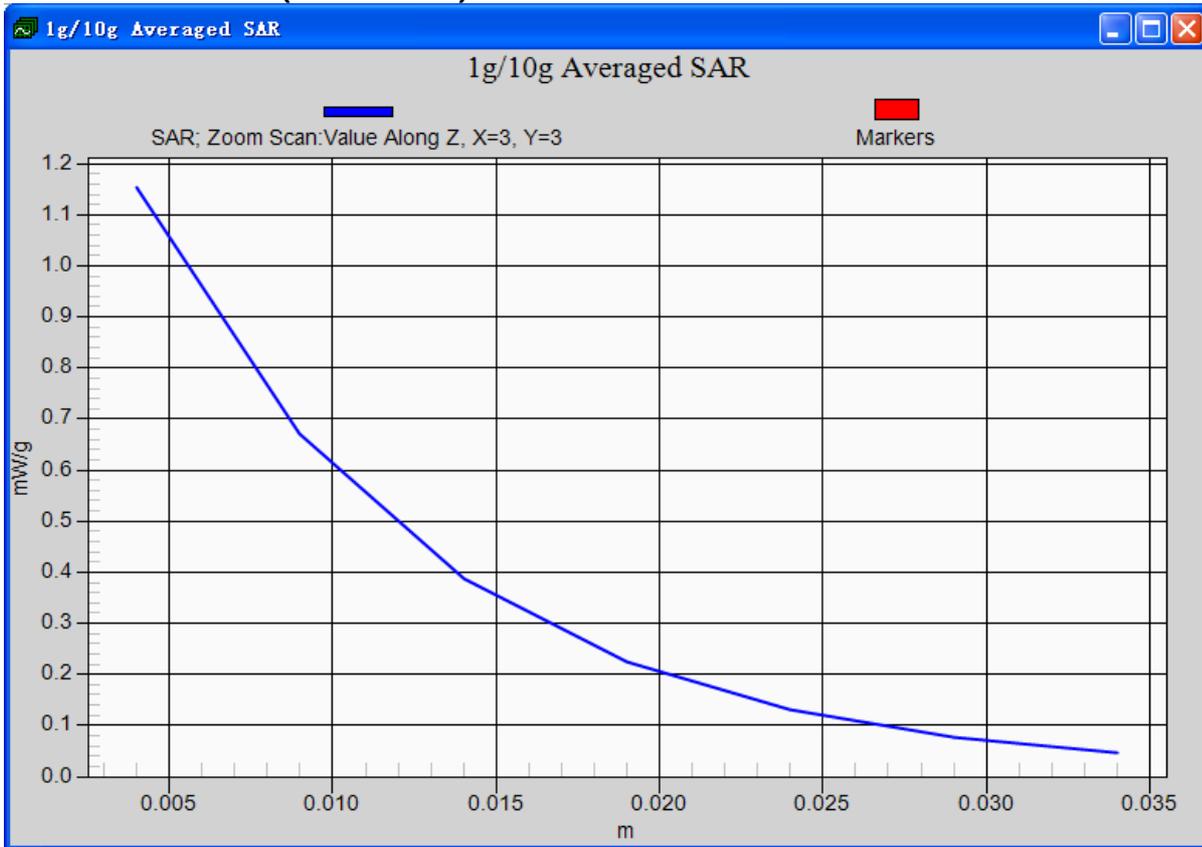
E372u-8 rear side (2 timeslots) –GPRS 1900 Channel 810



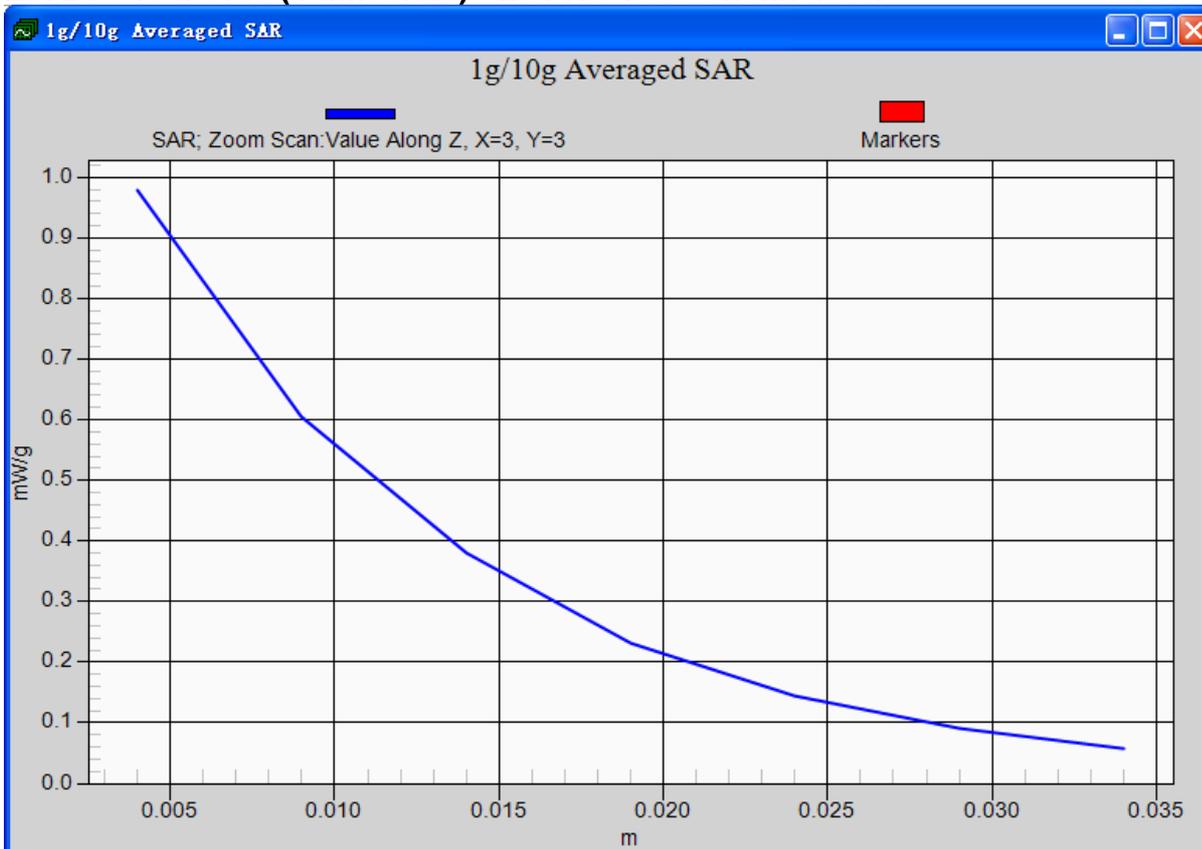
E372u-8 rear side (1 timeslots) –GPRS 1900 Channel 512



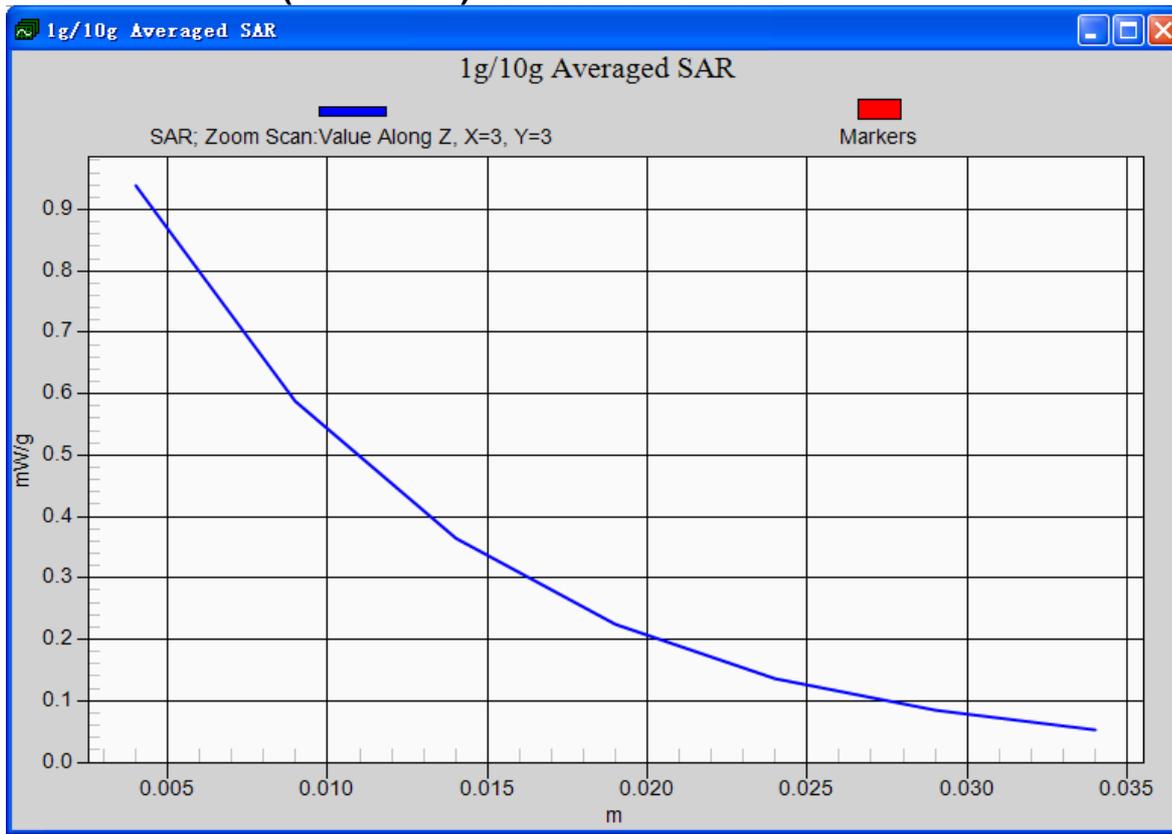
E372u-8 rear side (1 timeslots) –GPRS 1900 Channel 810



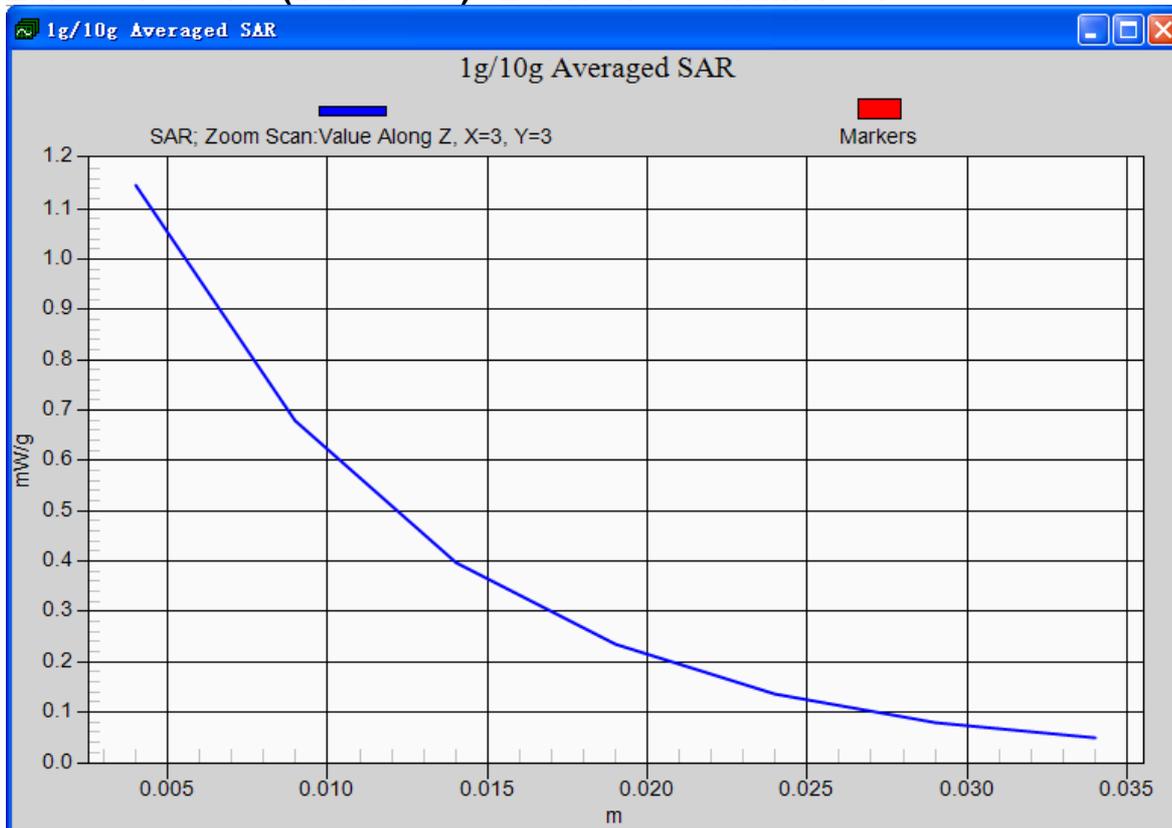
E372u-8 rear side (4 timeslots) –EGPRS 1900 Channel 661



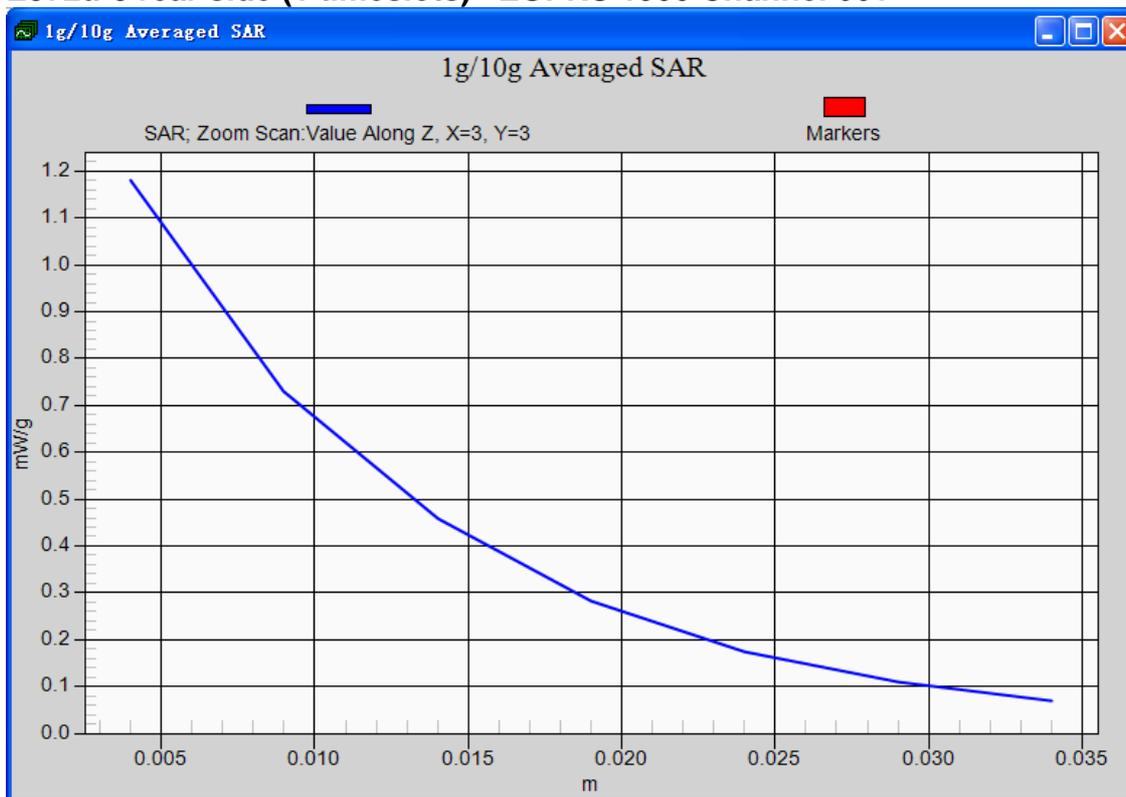
E372u-8 rear side (3 timeslots) –EGPRS 1900 Channel 661



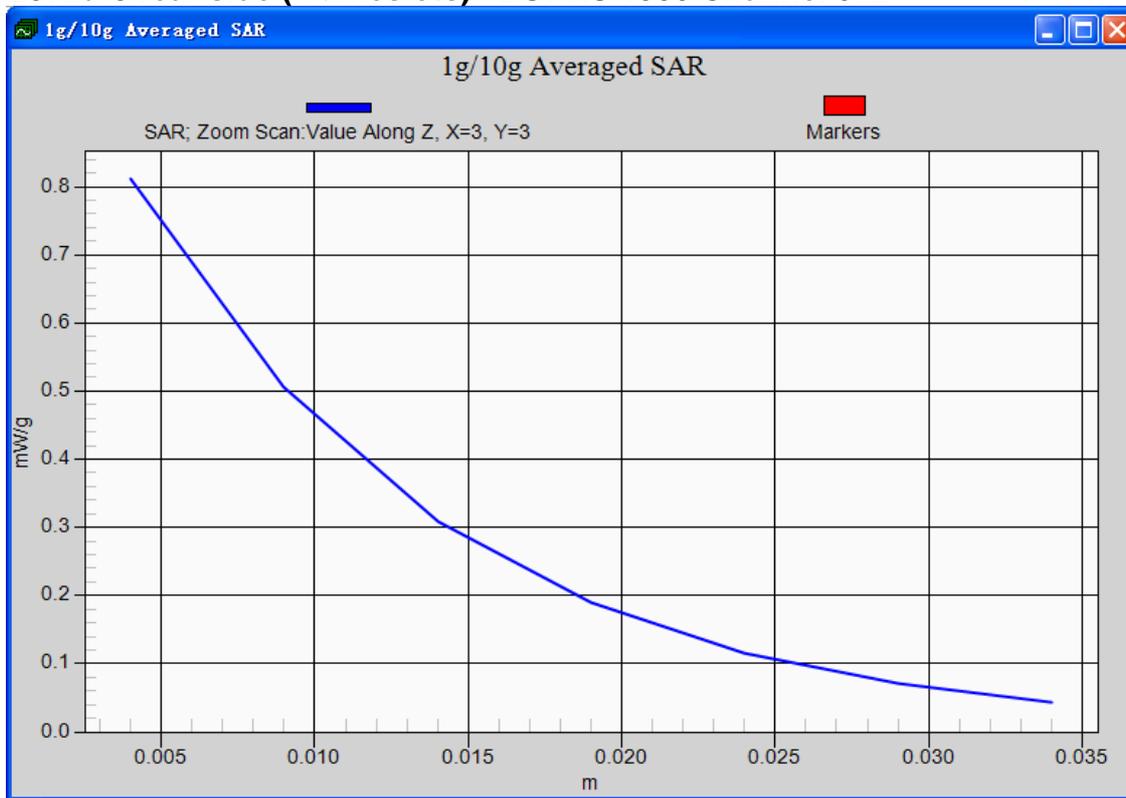
E372u-8 rear side (2 timeslots) –EGPRS 1900 Channel 661



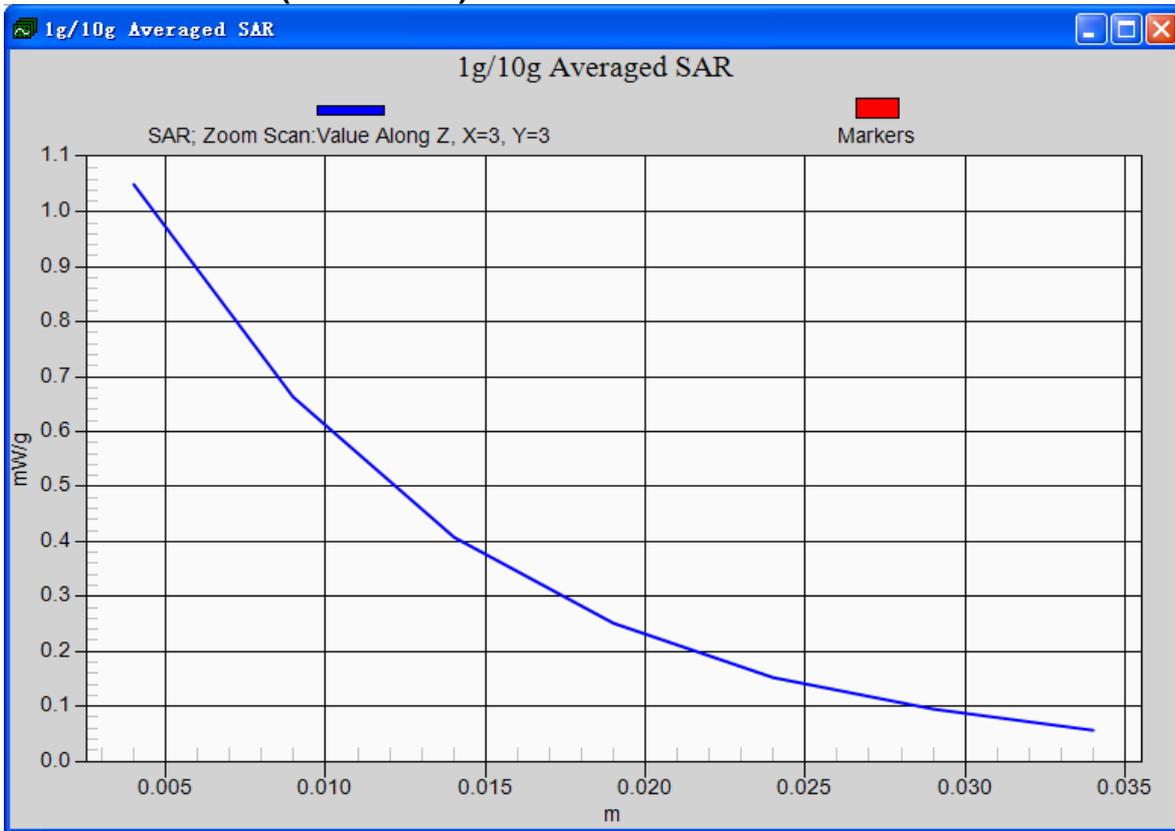
E372u-8 rear side (1 timeslots) –EGPRS 1900 Channel 661



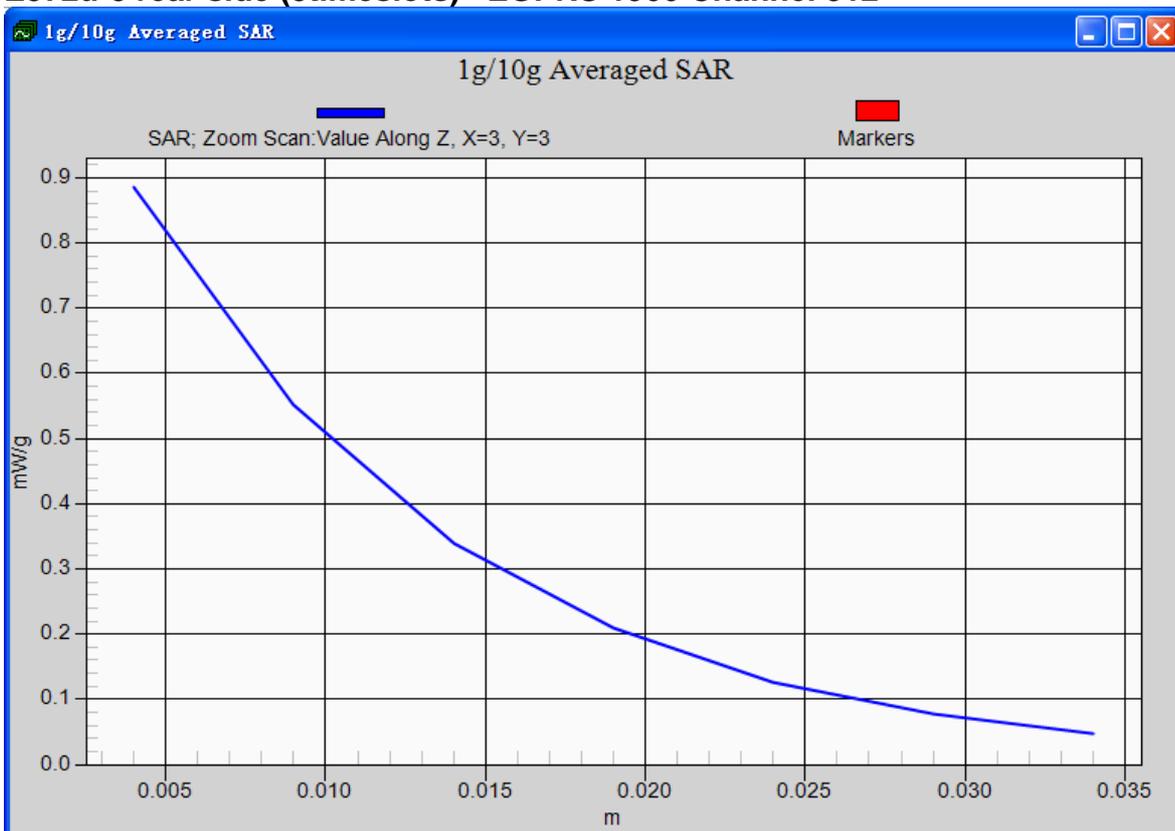
E372u-8 rear side (4 timeslots) –EGPRS 1900 Channel 512



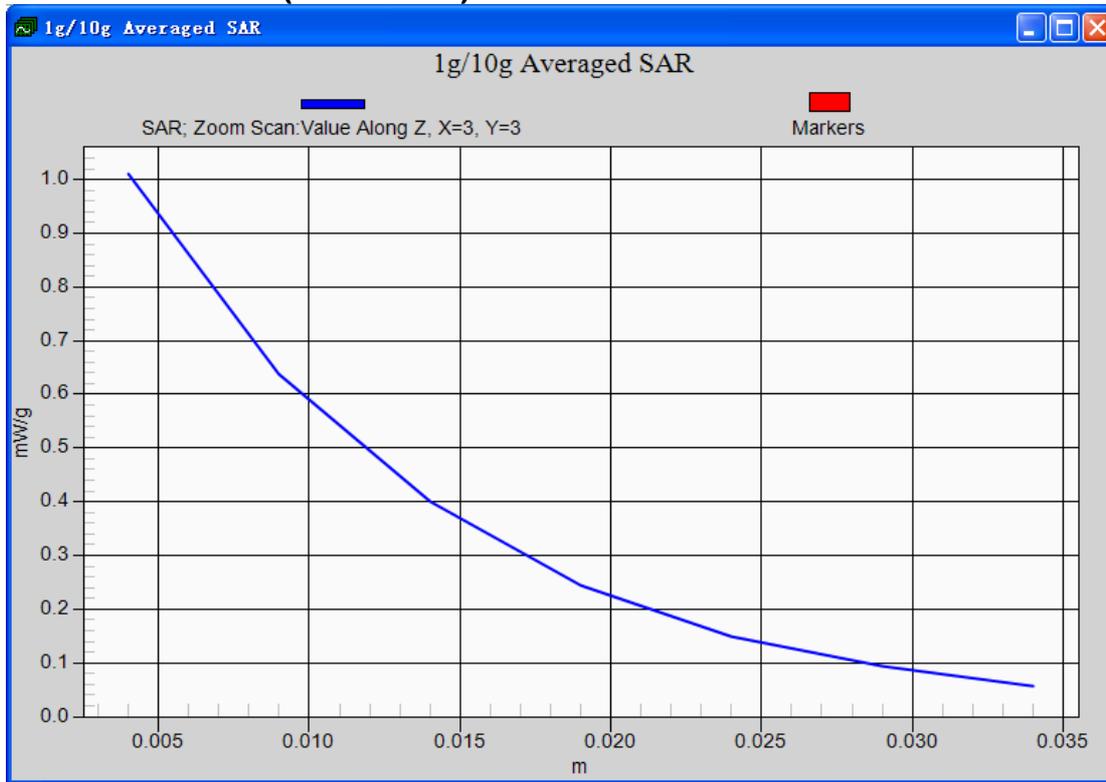
E372u-8 rear side (4 timeslots) –EGPRS 1900 Channel 810



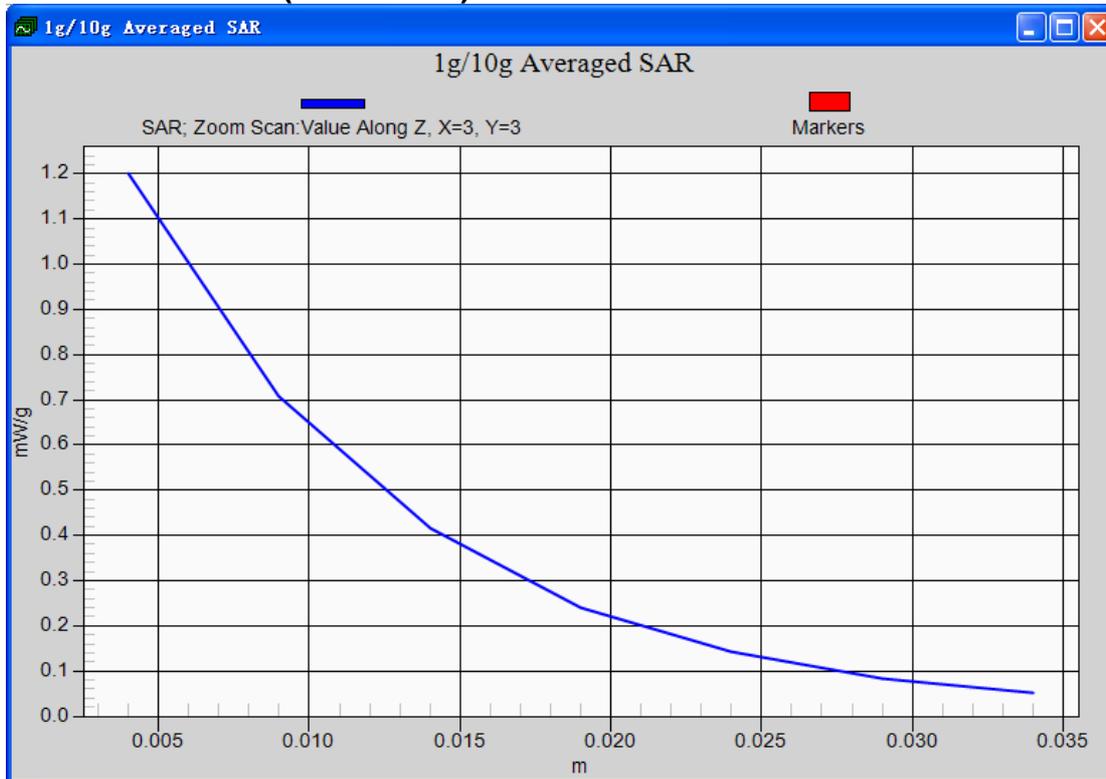
E372u-8 rear side (3timeslots) –EGPRS 1900 Channel 512



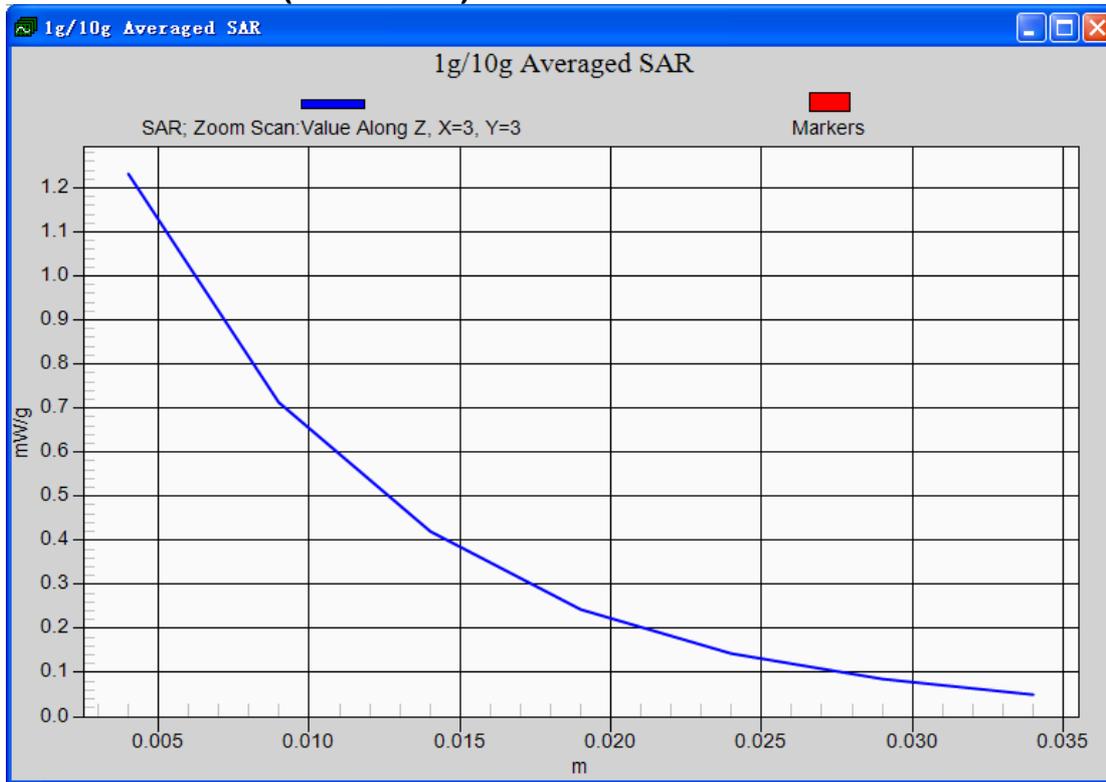
E372u-8 rear side (3 timeslots) –EGPRS 1900 Channel 810



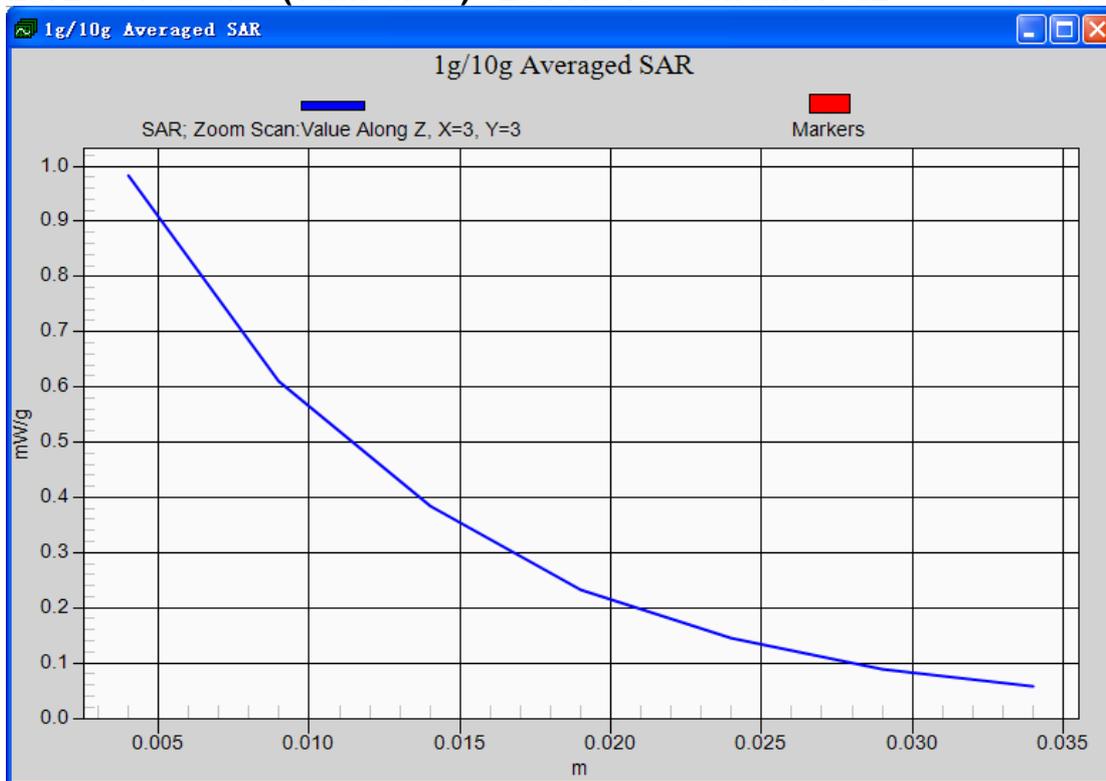
E372u-8 rear side (2 timeslots) –EGPRS 1900 Channel 512



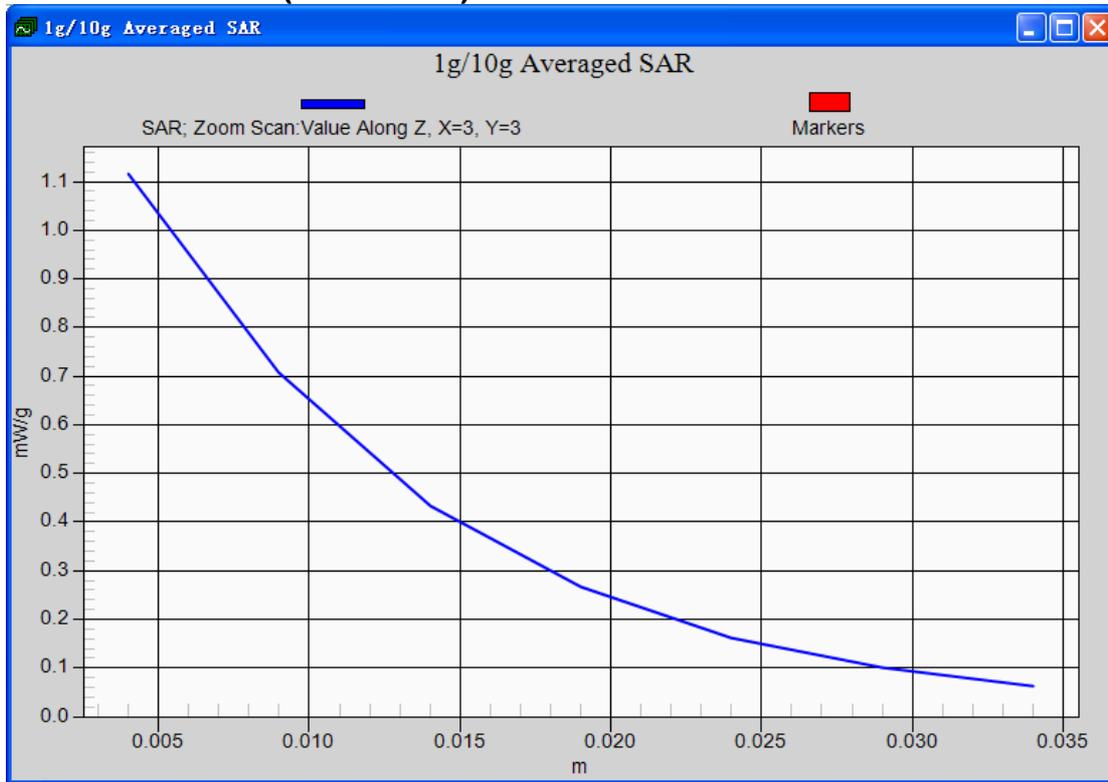
E372u-8 rear side (2 timeslots) –EGPRS 1900 Channel 810



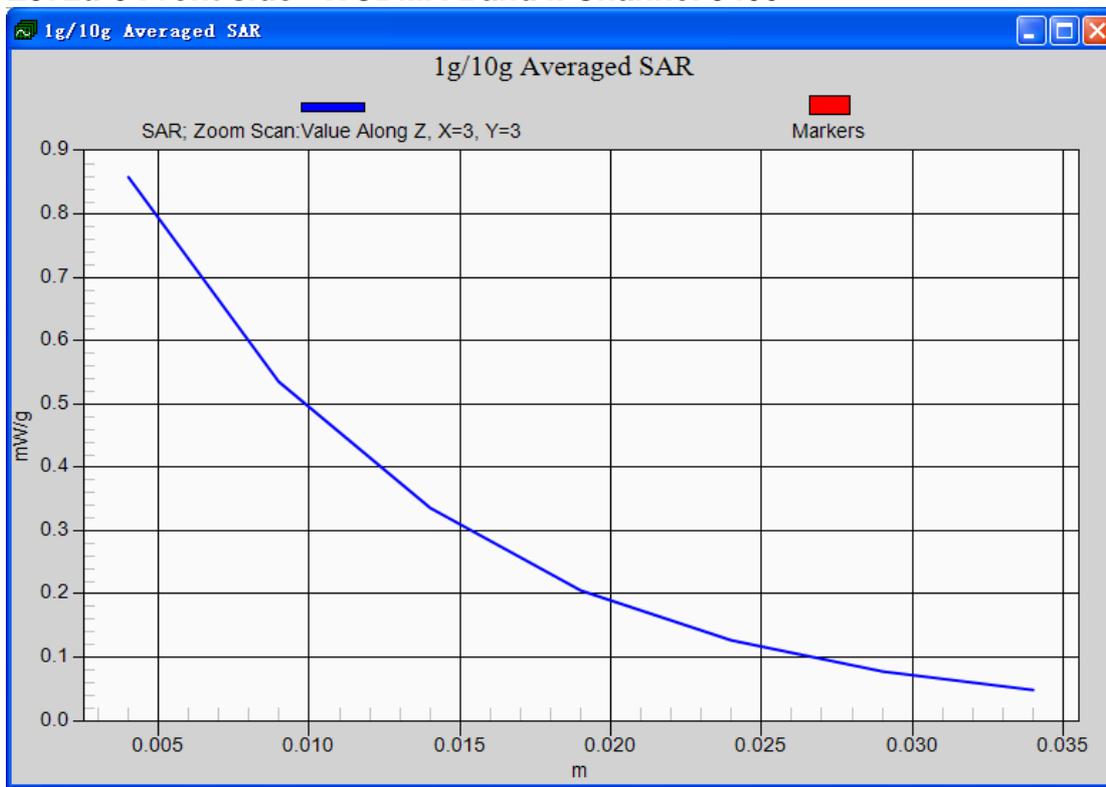
E372u-8 rear side (1 timeslots) –EGPRS 1900 Channel 512



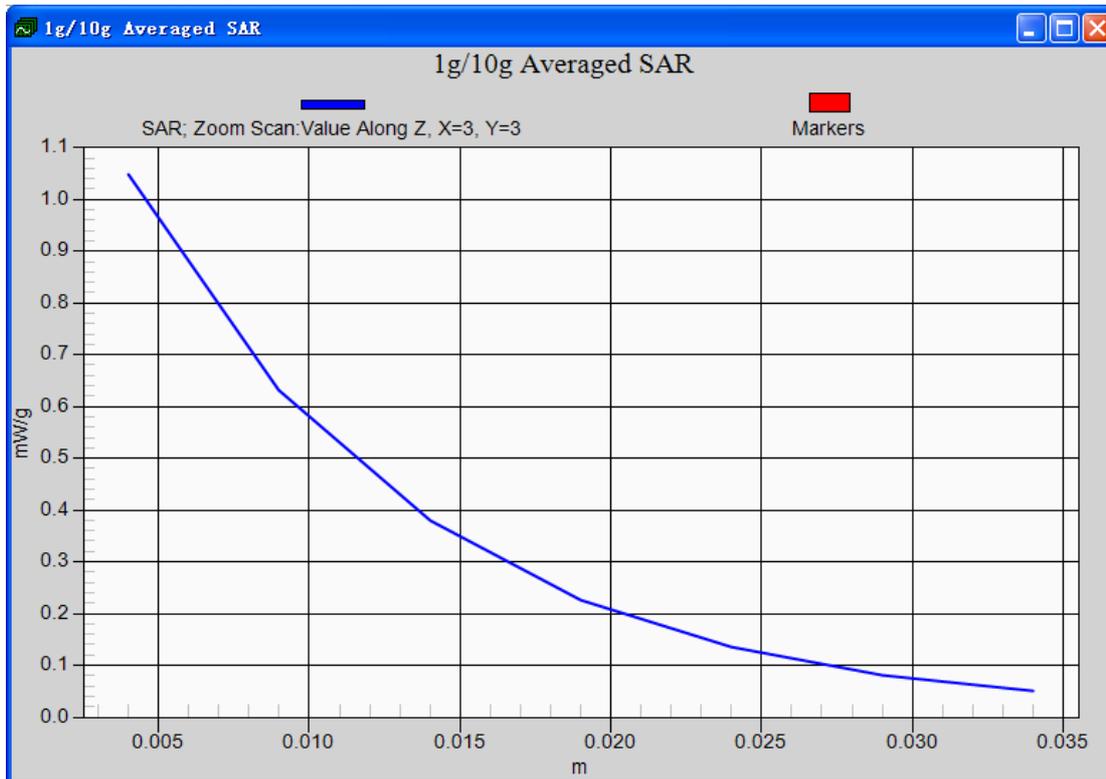
E372u-8 rear side (1 timeslots) –EGPRS 1900 Channel 810



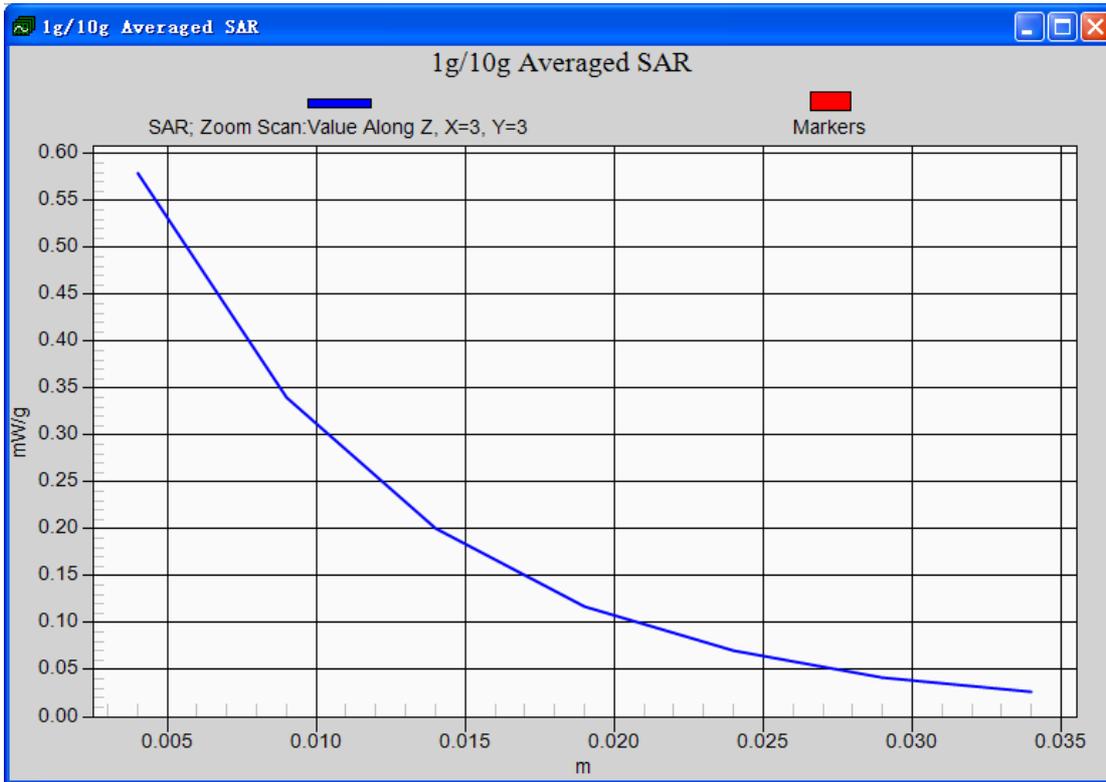
WCDMA Band II E372u-8 Front side –WCDMA Band II Channel 9400



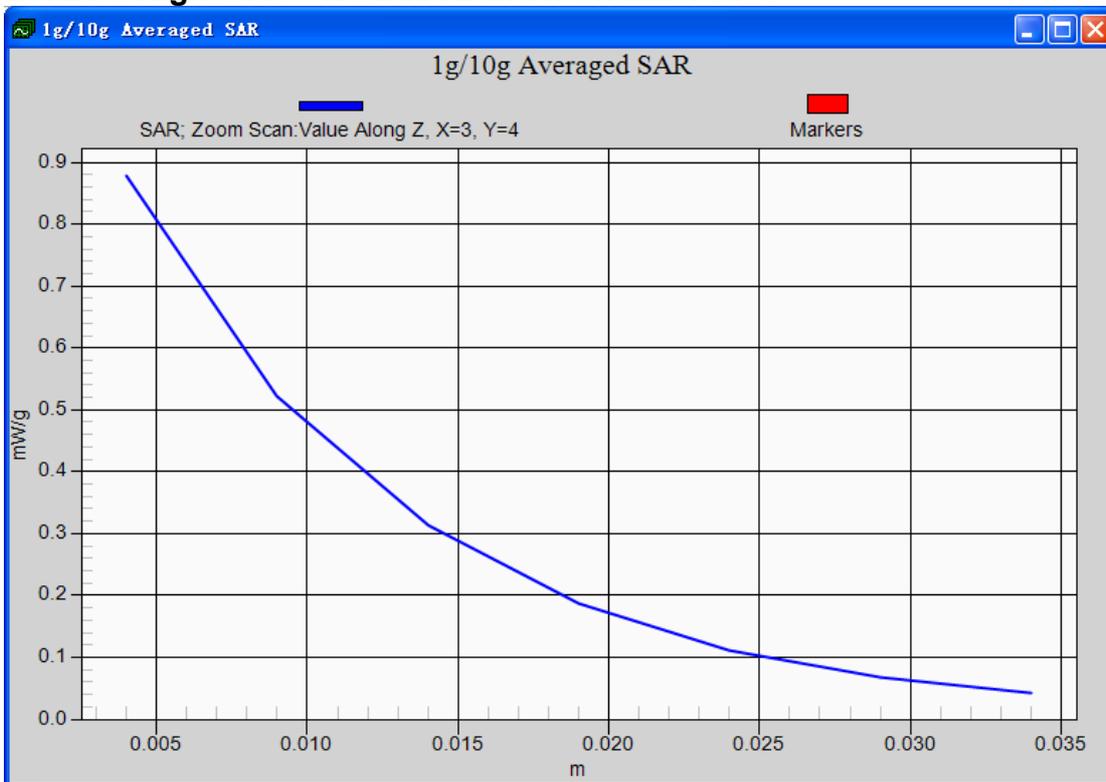
E372u-8 Rear side –WCDMA Band II Channel 9400



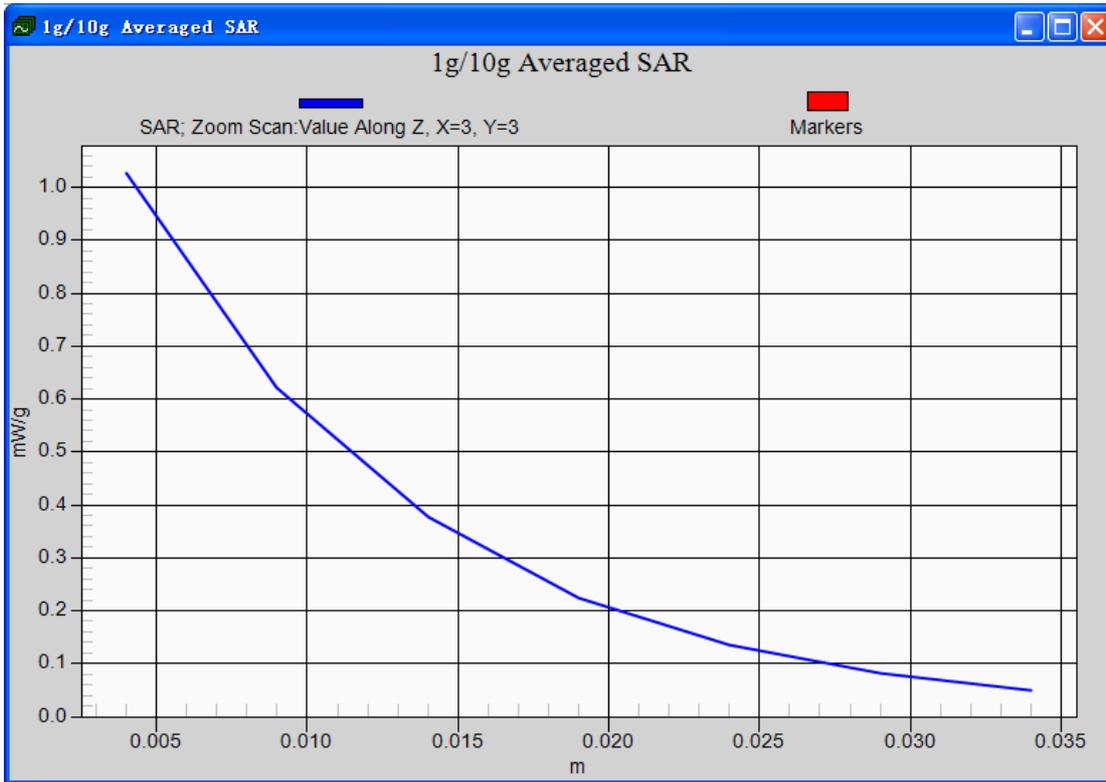
E372u-8 Left side –WCDMA Band II Channel 9400



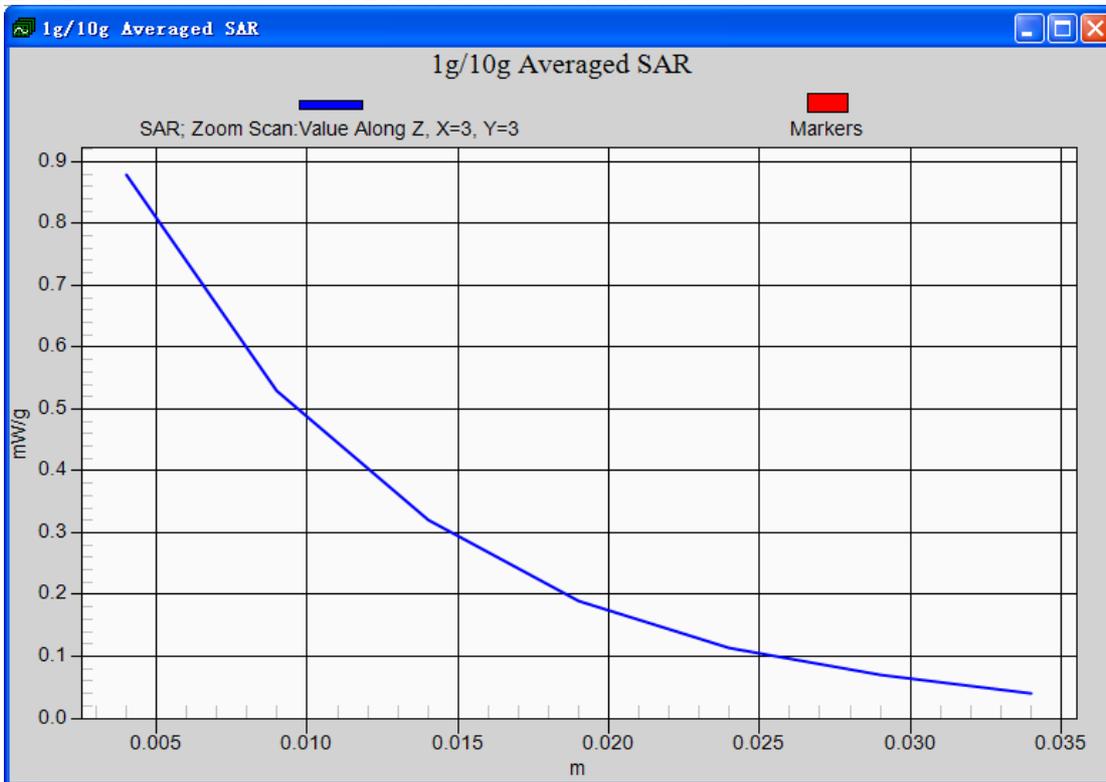
E372u-8 Right side –WCDMA Band II Channel 9400



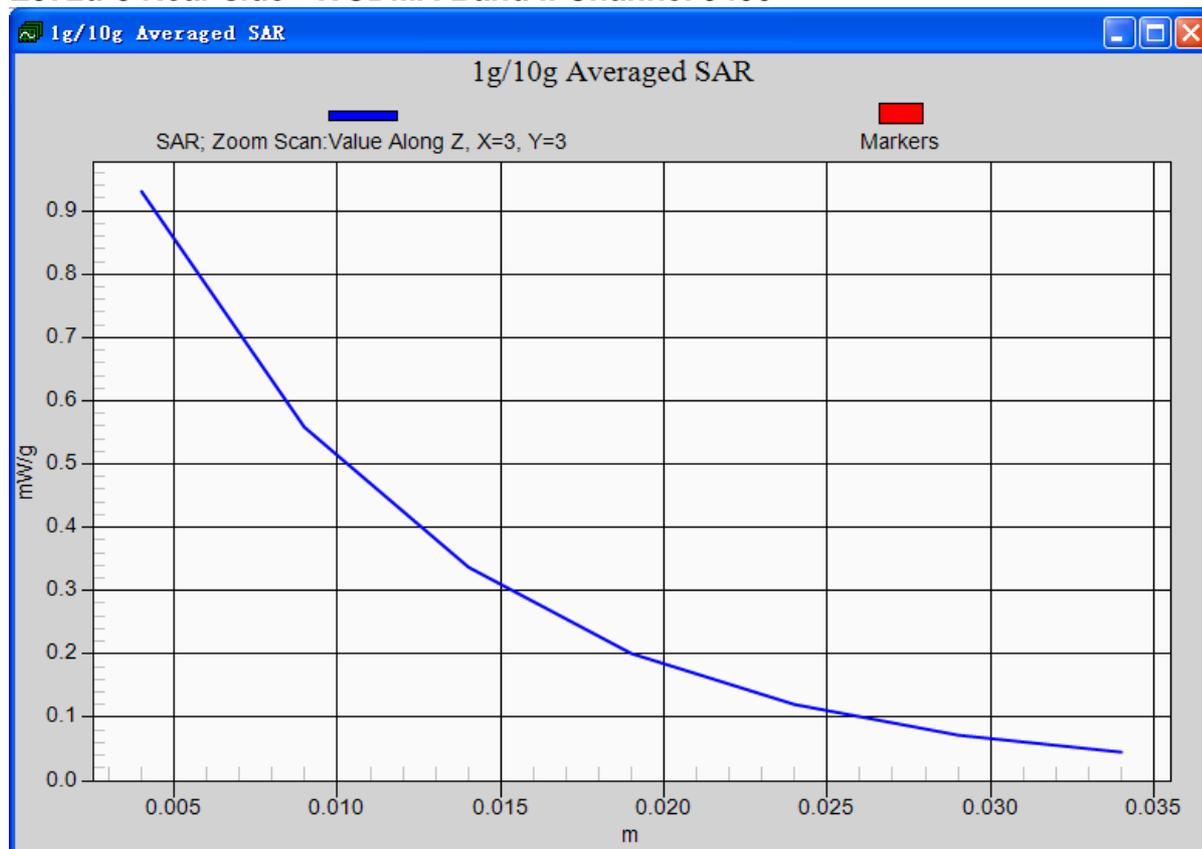
E372u-8 Rear side –WCDMA Band II Channel 9262



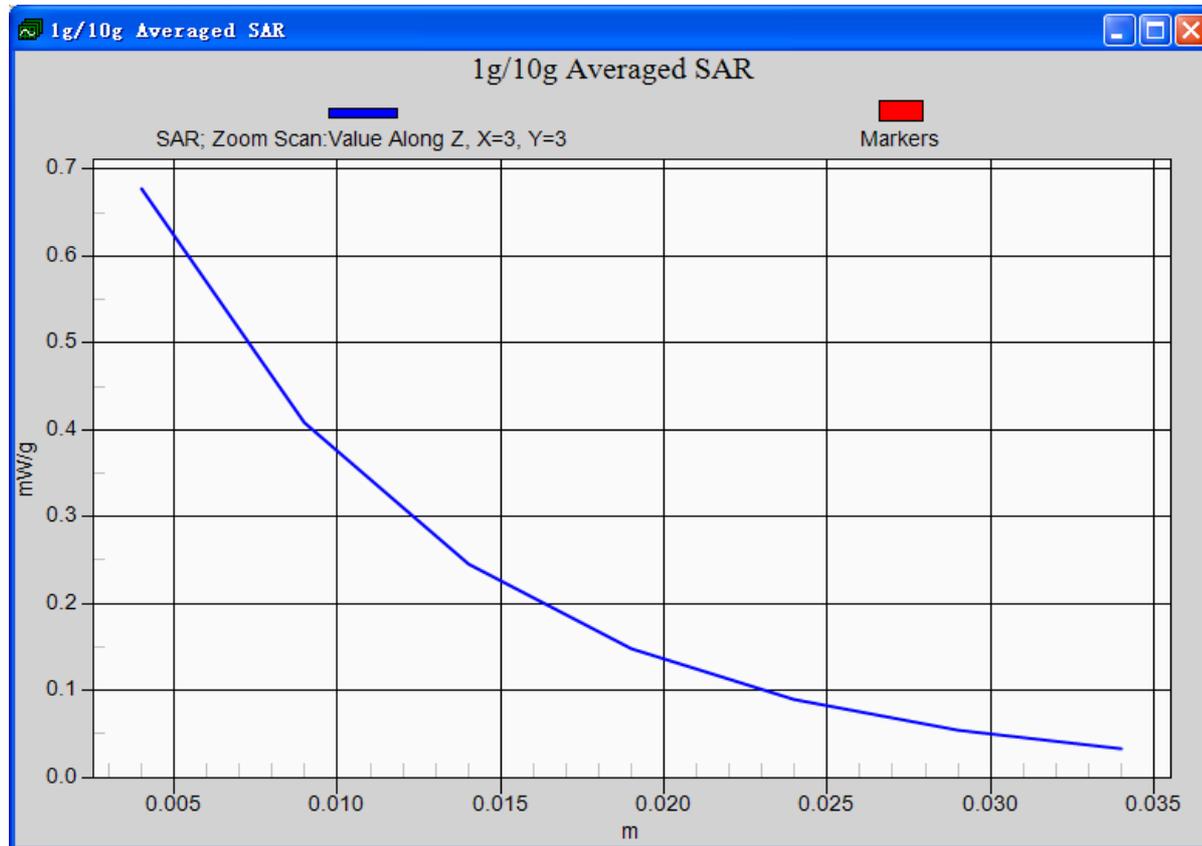
E372u-8 Rear side –WCDMA Band II Channel 9538



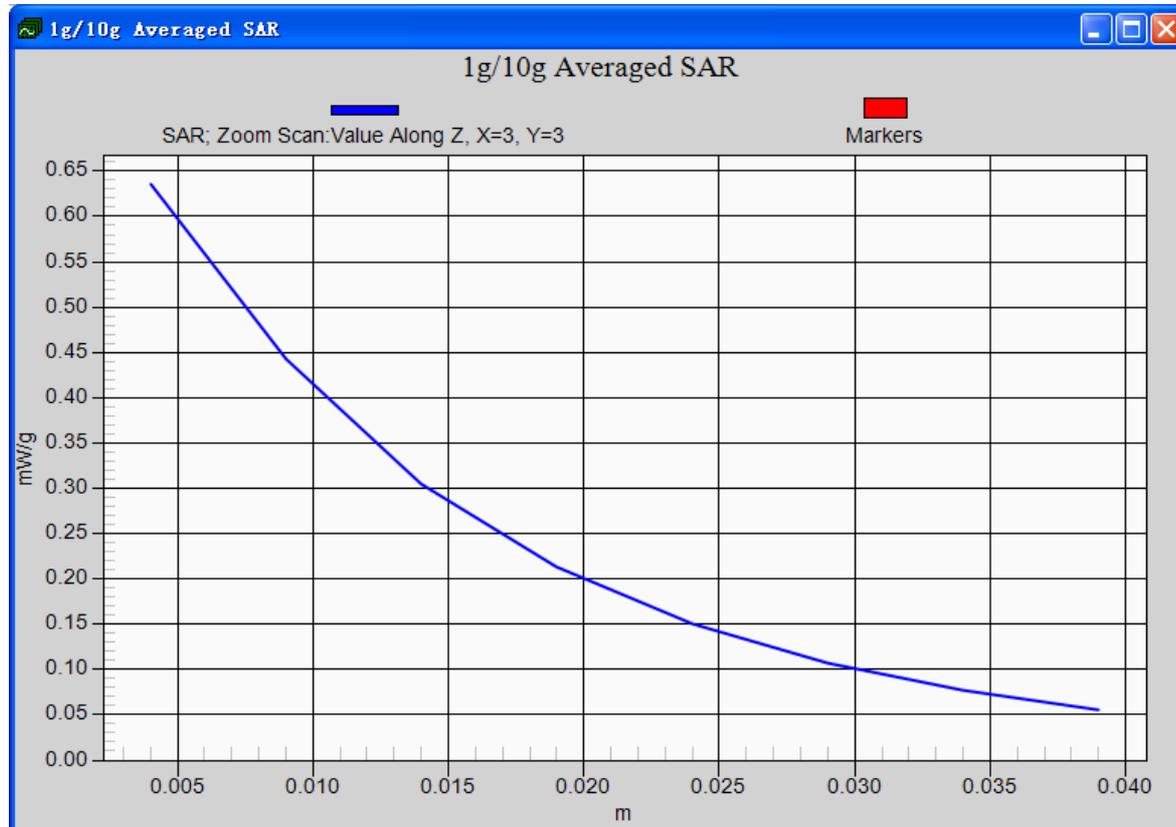
E372u-8 Rear side –WCDMA Band II Channel 9400



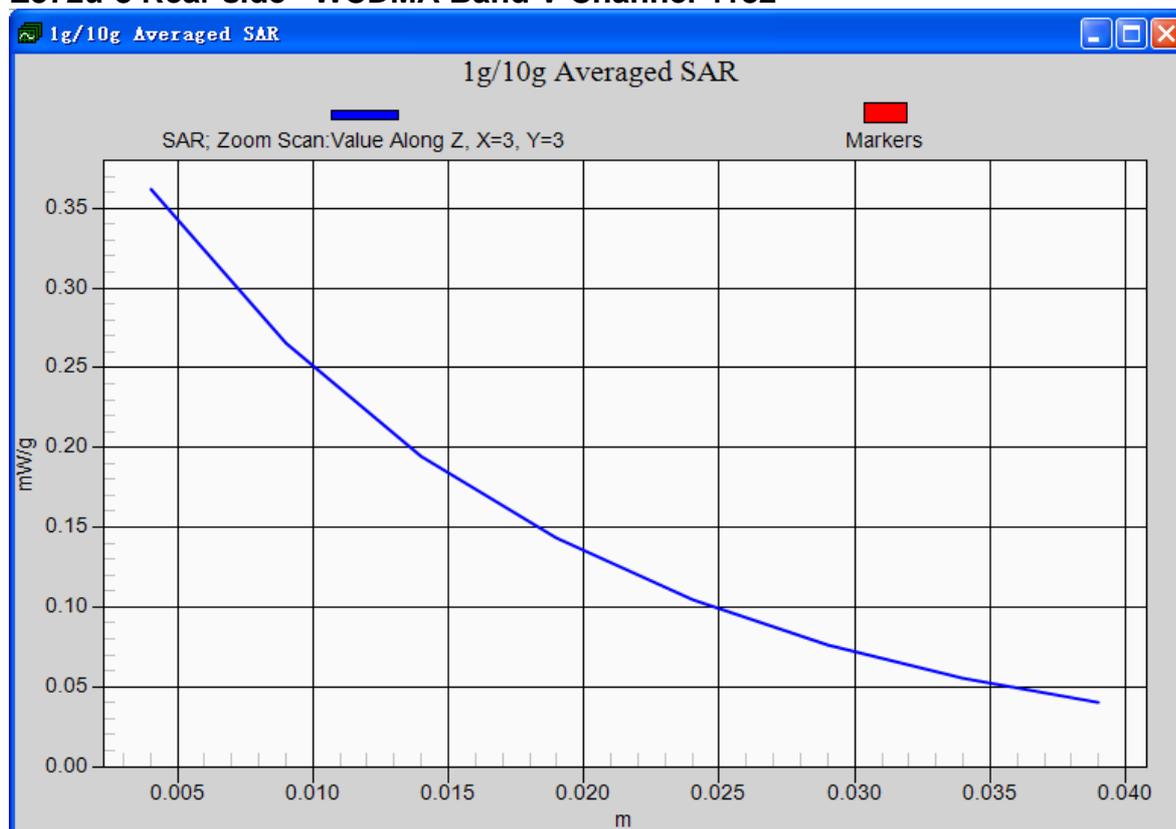
E372u-8 Rear side –WCDMA Band II Channel 9400



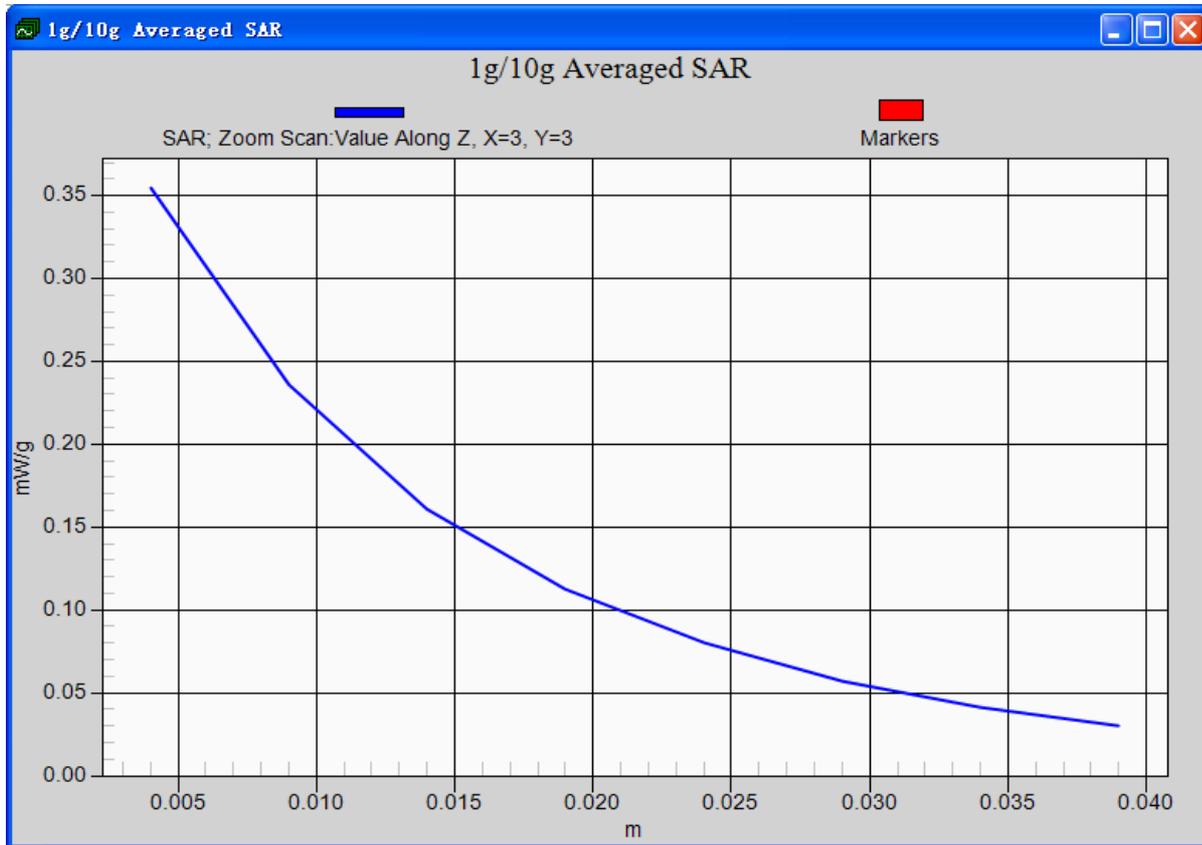
WCDMA Band V
E372u-8 Front side –WCDMA Band V Channel 4182



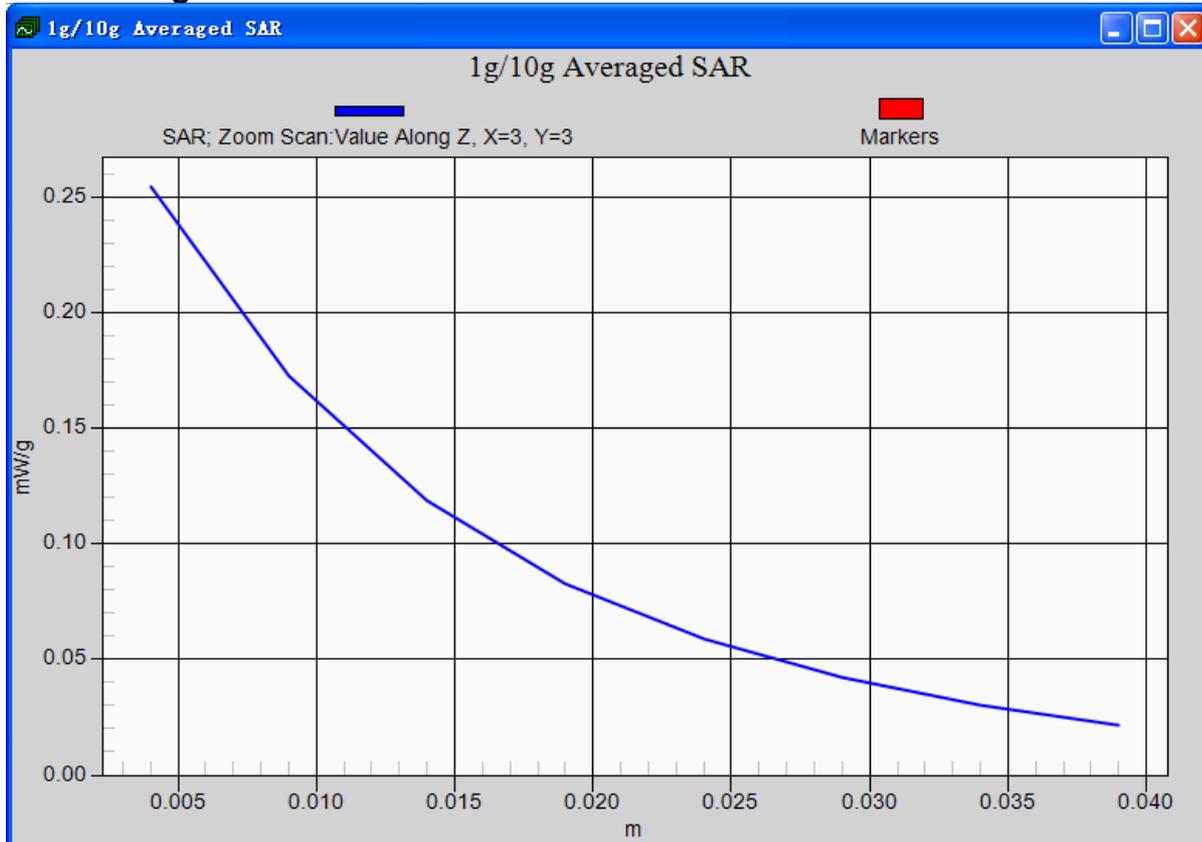
E372u-8 Rear side –WCDMA Band V Channel 4182



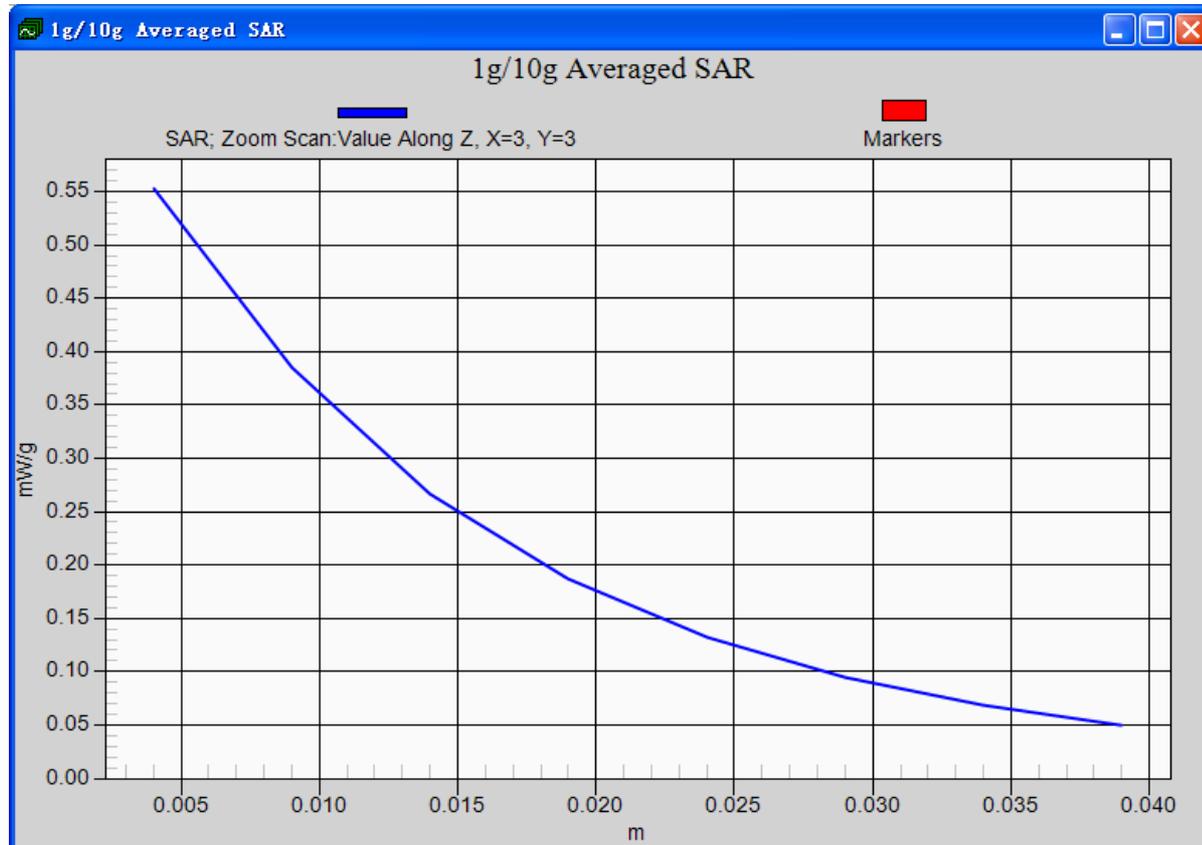
E372u-8 Left side –WCDMA Band V Channel 4182



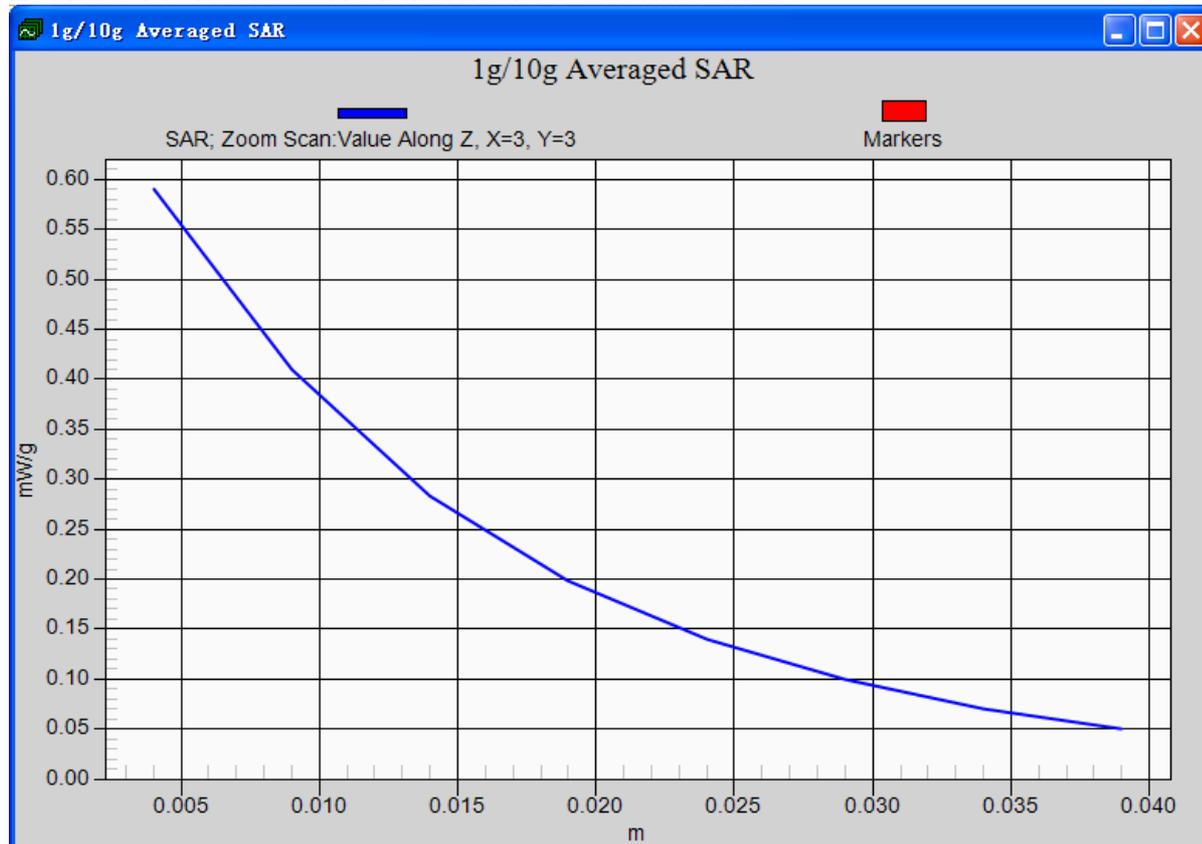
E372u-8 Right side –WCDMA Band V Channel 4182



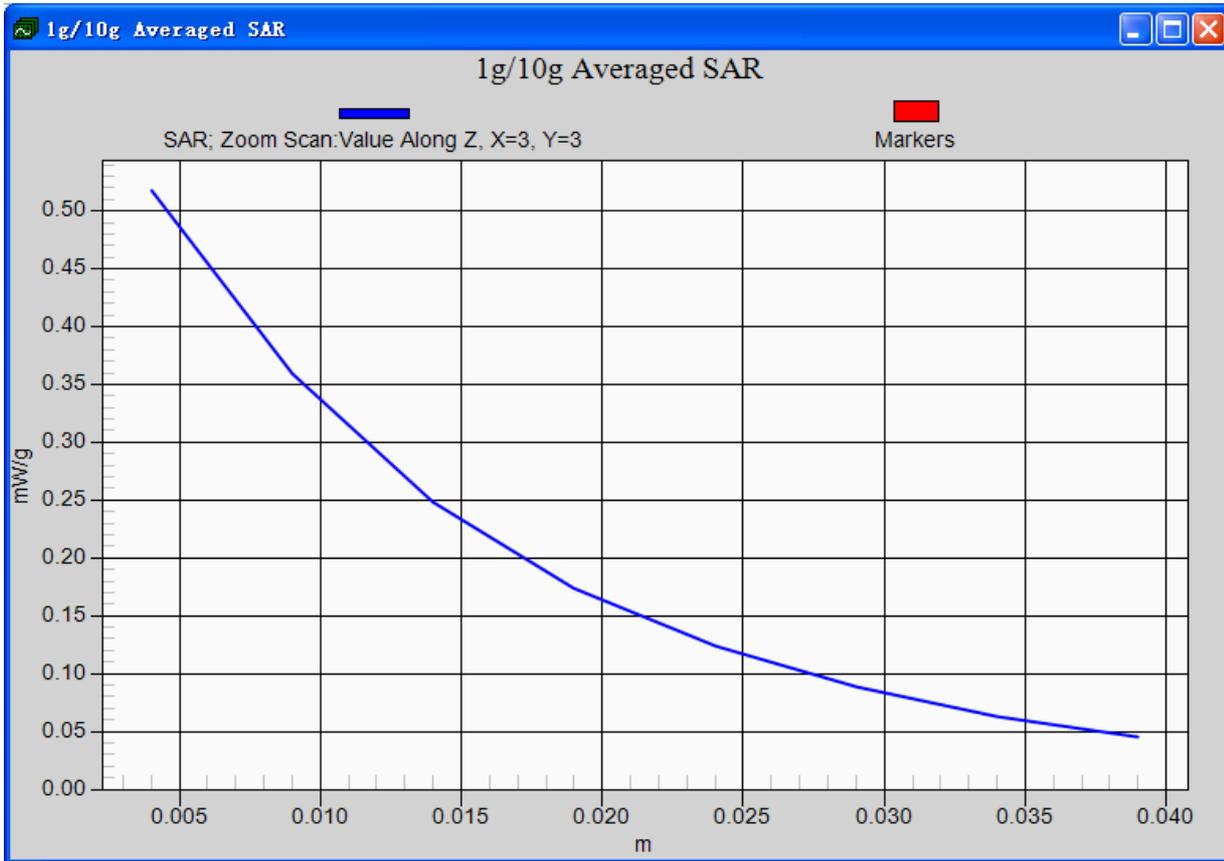
E372u-8 Front side –WCDMA Band V Channel 4132



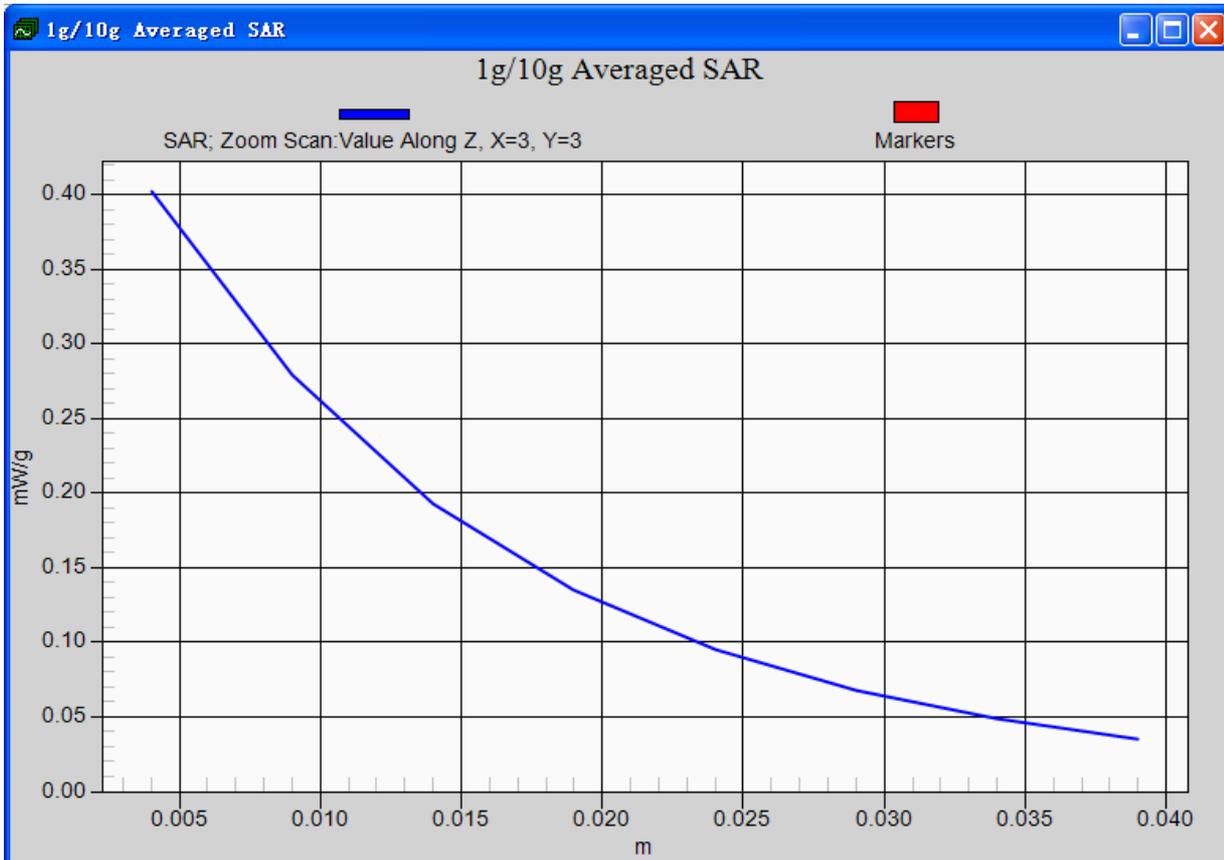
E372u-8 Front side –WCDMA Band V Channel 4233



E372u-8 Front side –WCDMA Band V with HSDPA Channel 4182



E372u-8 Front side –WCDMA Band V with HSUPA Channel 4182



Annex 3 Calibration parameters

Calibration parameters are described in the additional document:

Appendix to test report no. SYBH(Z-SAR)044082010EB

Calibration data, Phantom certificate and detail information of the DASY5 System

Annex 4 Photo documentation

Annex 4.1 Test Facility

Photo 1: Measurement System DASY5



Photo 2: Measurement System DASY5

