

Date/Time: 2010-11-02 03:56:51

P1528_OET65-WCDMA with ThinkPad T61 front side-WCDMA1900**DUT: E367u-8**

Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

E367u-8/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1 mW/g

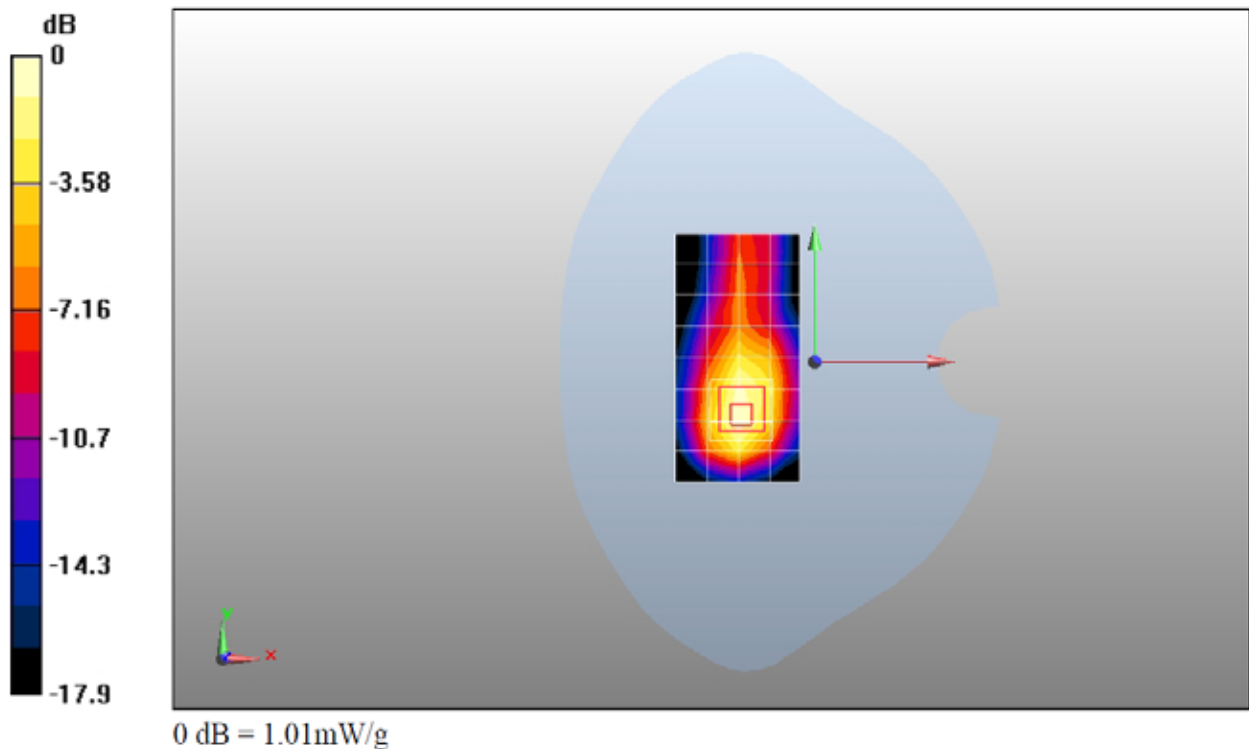
E367u-8/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.530 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.01 mW/g

**Additional information:**

position or distance of DUT to SAM: 5 mm

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

Date/Time: 2010-11-02 04:34:42

P1528_OET65-HSDPA with ThinkPad T61 front side-WCDMA1900**DUT: E367u-8**

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

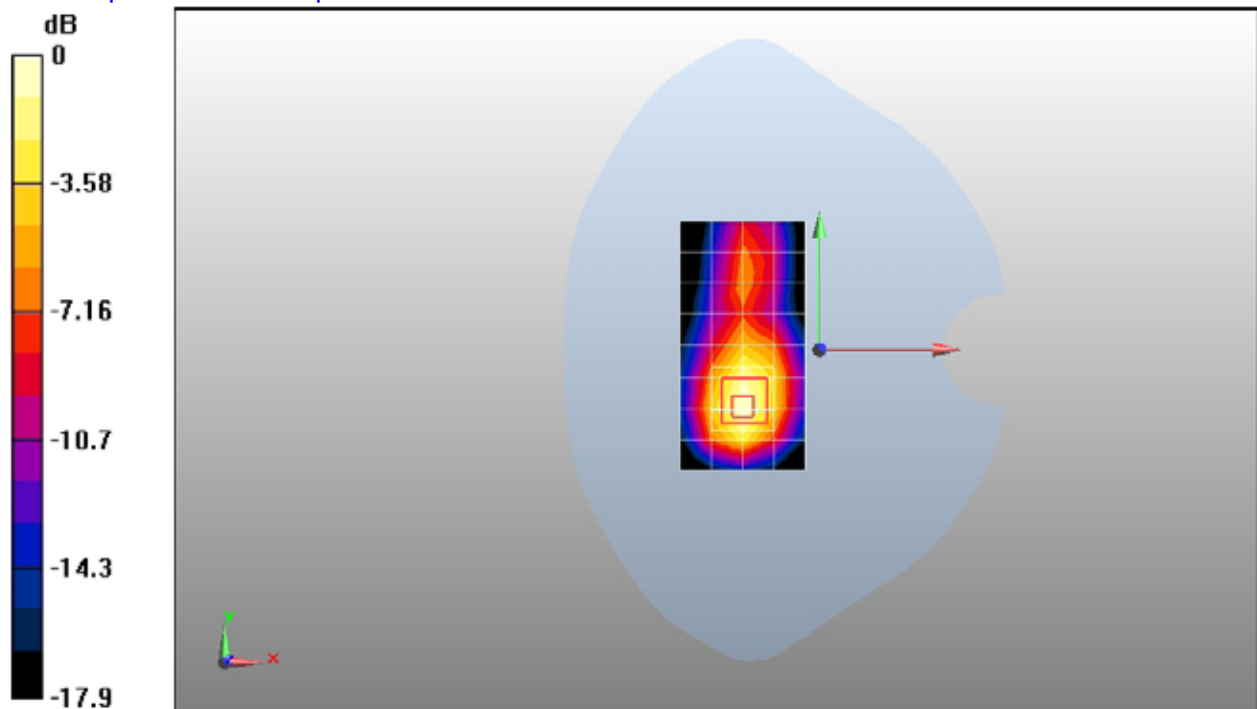
E367u-8/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.18 mW/g

E367u-8/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.606 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

0 dB = 1.18mW/g

Additional information:

position or distance of DUT to SAM: 5 mm

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

Date/Time: 2010-11-02 05:11:34

P1528_OET65-HSUPA with ThinkPad T61 front side-WCDMA1900**DUT: E367u-8**

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

E367u-8/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

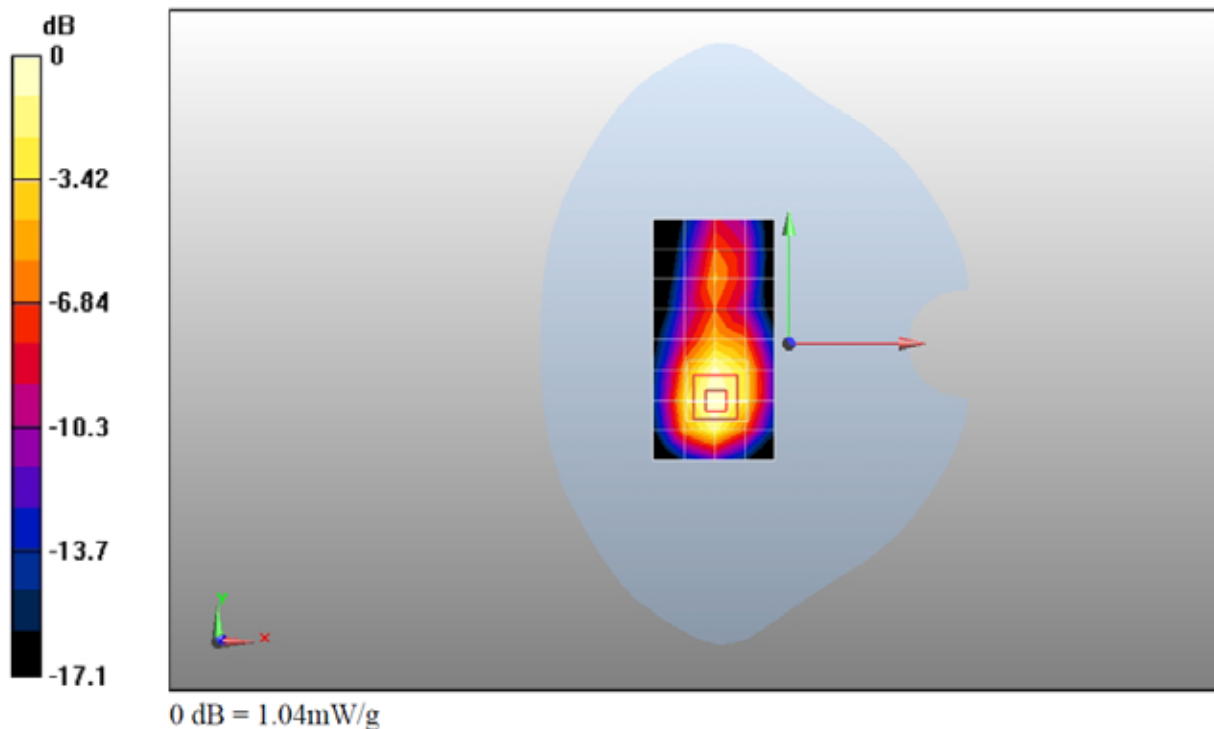
E367u-8/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.541 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.04 mW/g

**Additional information:**

position or distance of DUT to SAM: 5 mm

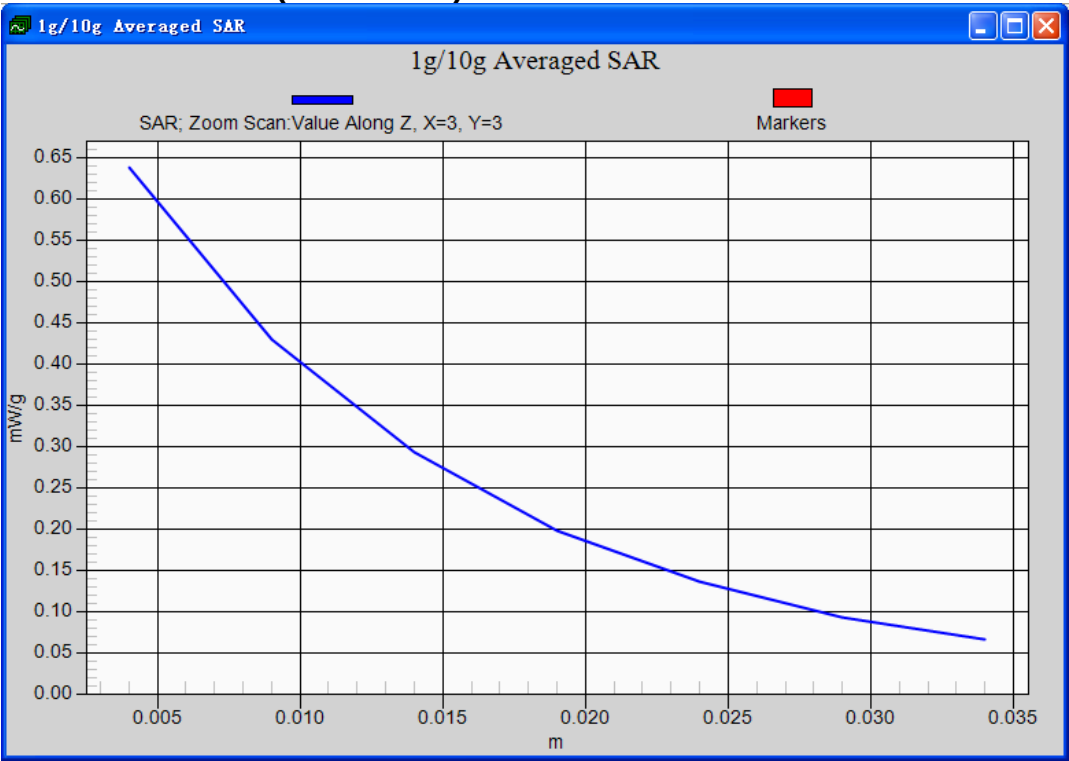
ambient temperature: 23.0 °C; liquid temperature: 22.3°C



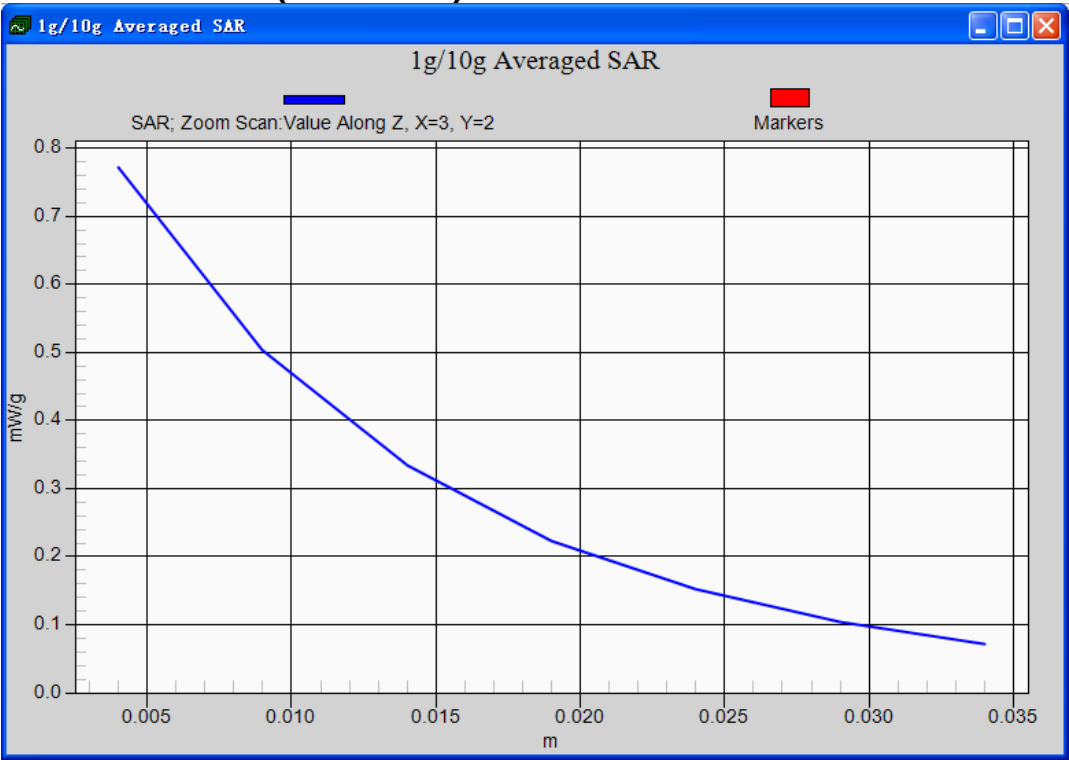
Annex 2.5 Z-axis scans

GSM 850

E367u-8 rear side (1 timeslots) –GPRS 850 Channel 190

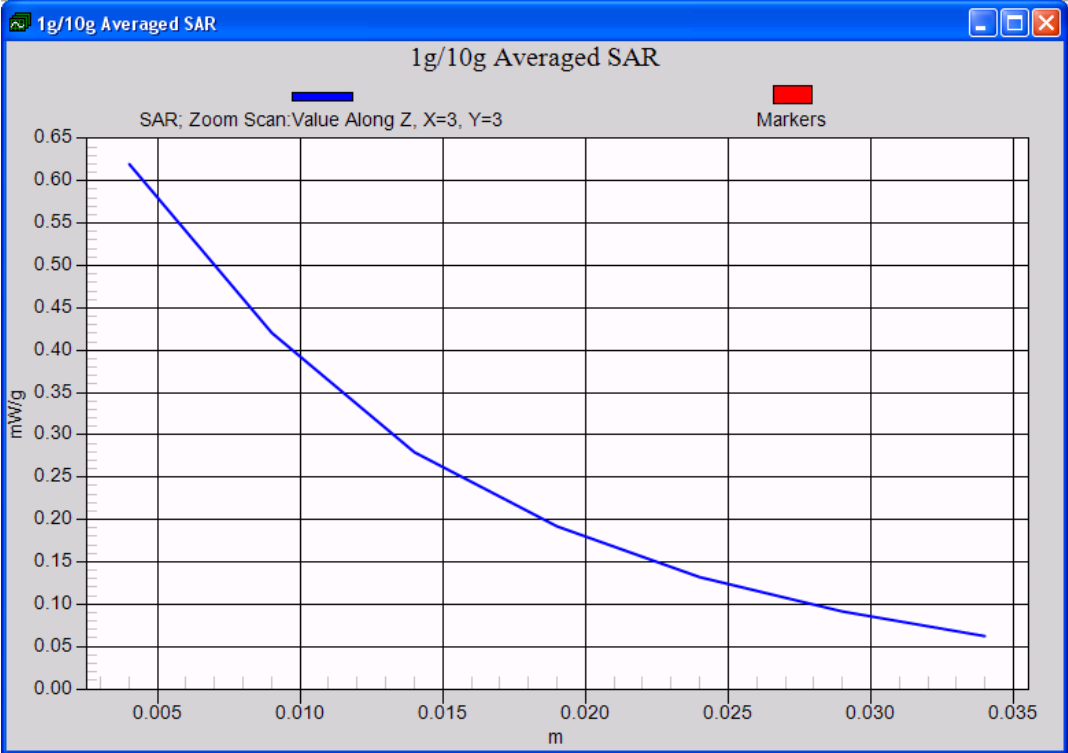


E367u-8 rear side (2 timeslots) –GPRS 850 Channel 190

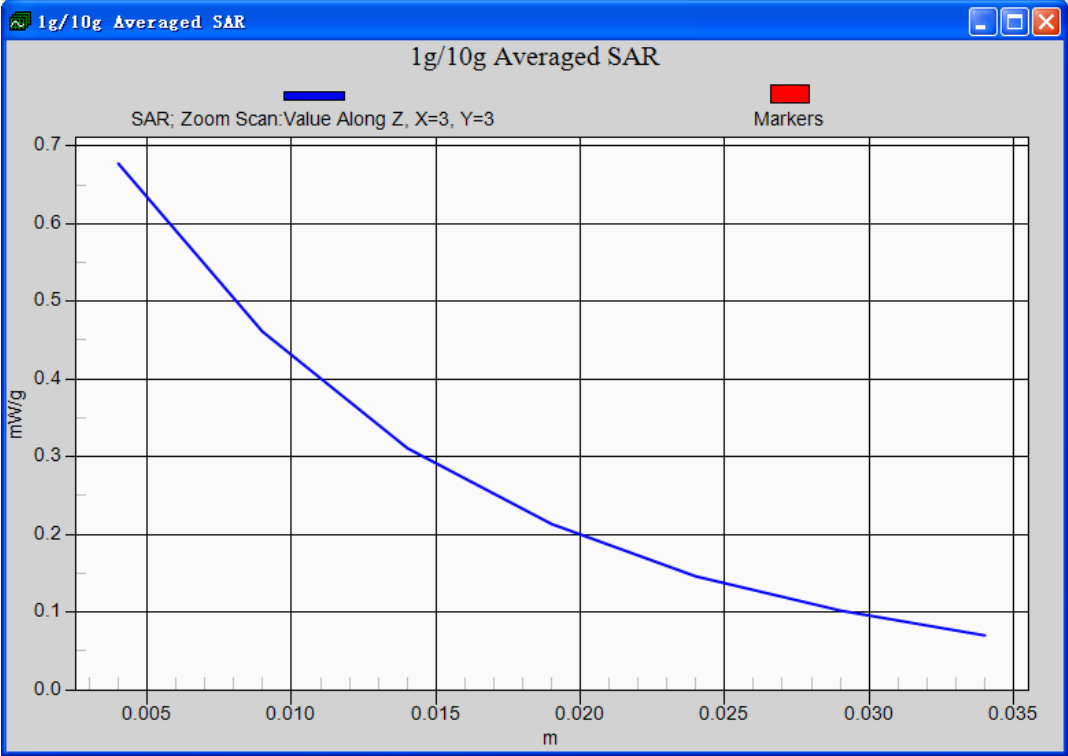




E367u-8 rear side (3 timeslots) –GPRS 850 Channel 190

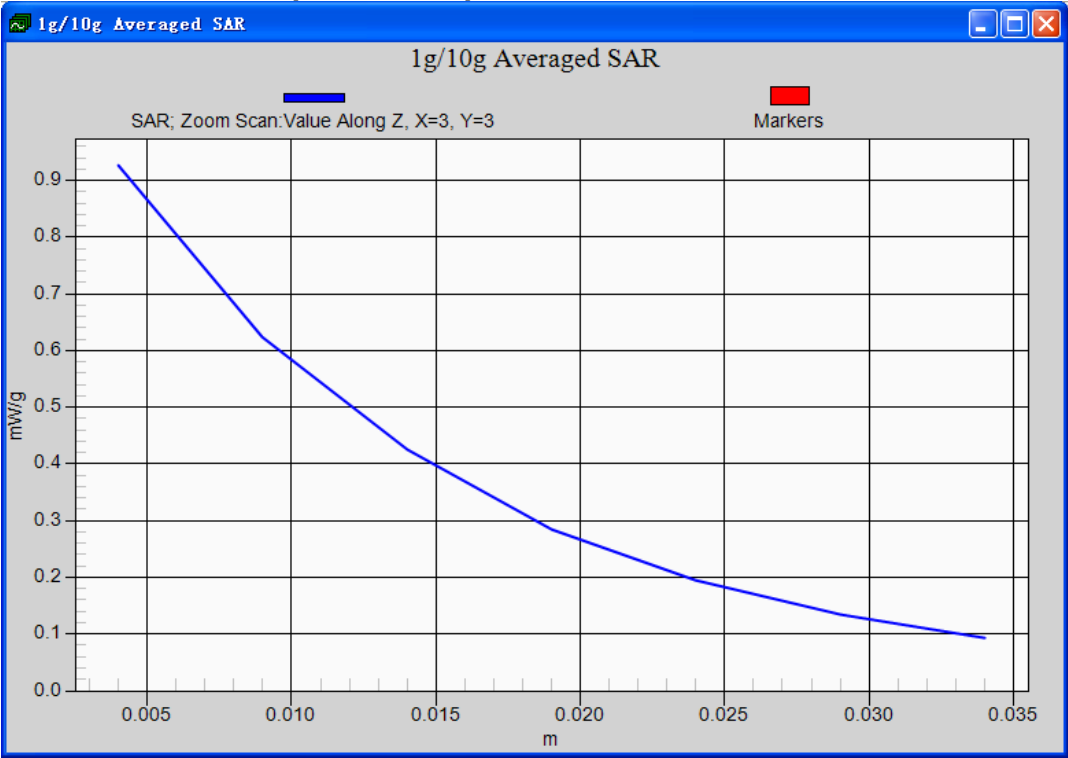


E367u-8 rear side (4 timeslots) –GPRS 850 Channel 190

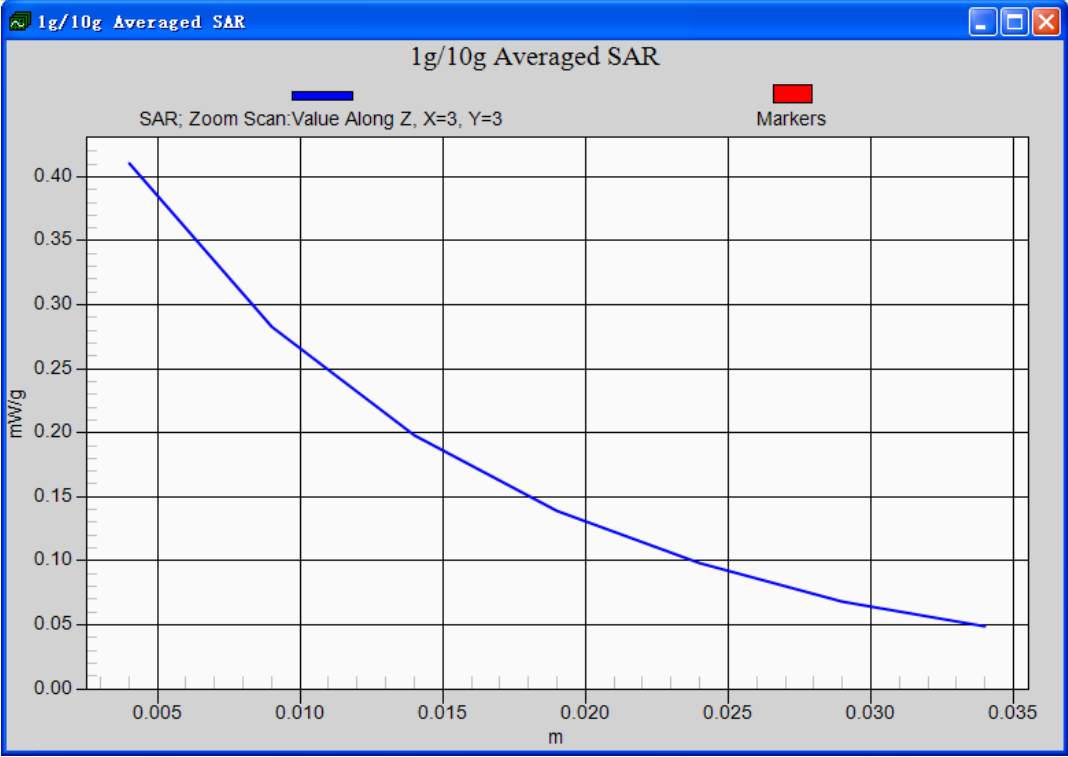




E367u-8 front side (2 timeslots) –GPRS 850 Channel 190

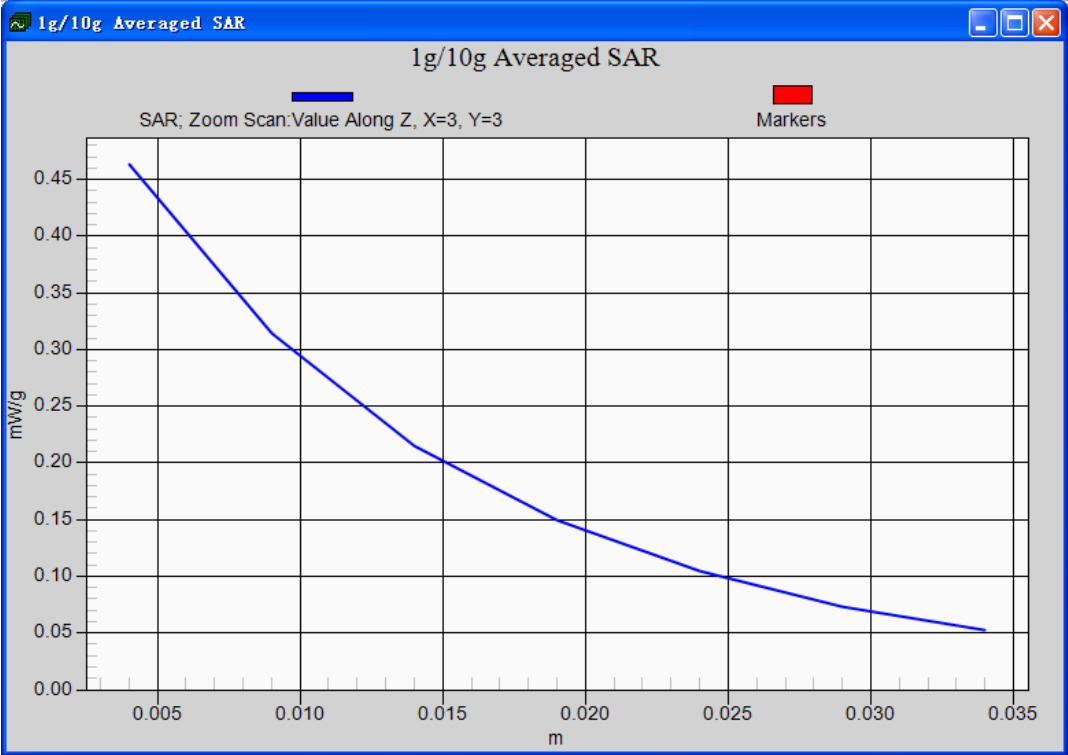


E367u-8 left side (2 timeslots) –GPRS 850 Channel 190

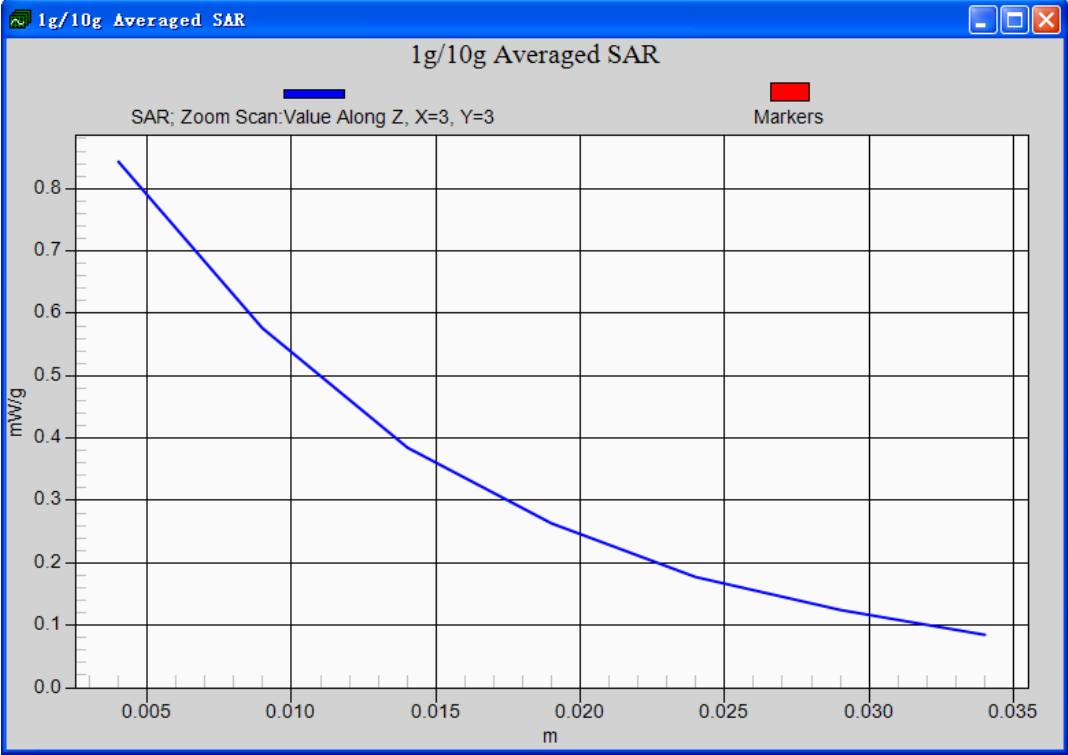




E367u-8 right side (2 timeslots) –GPRS 850 Channel 190

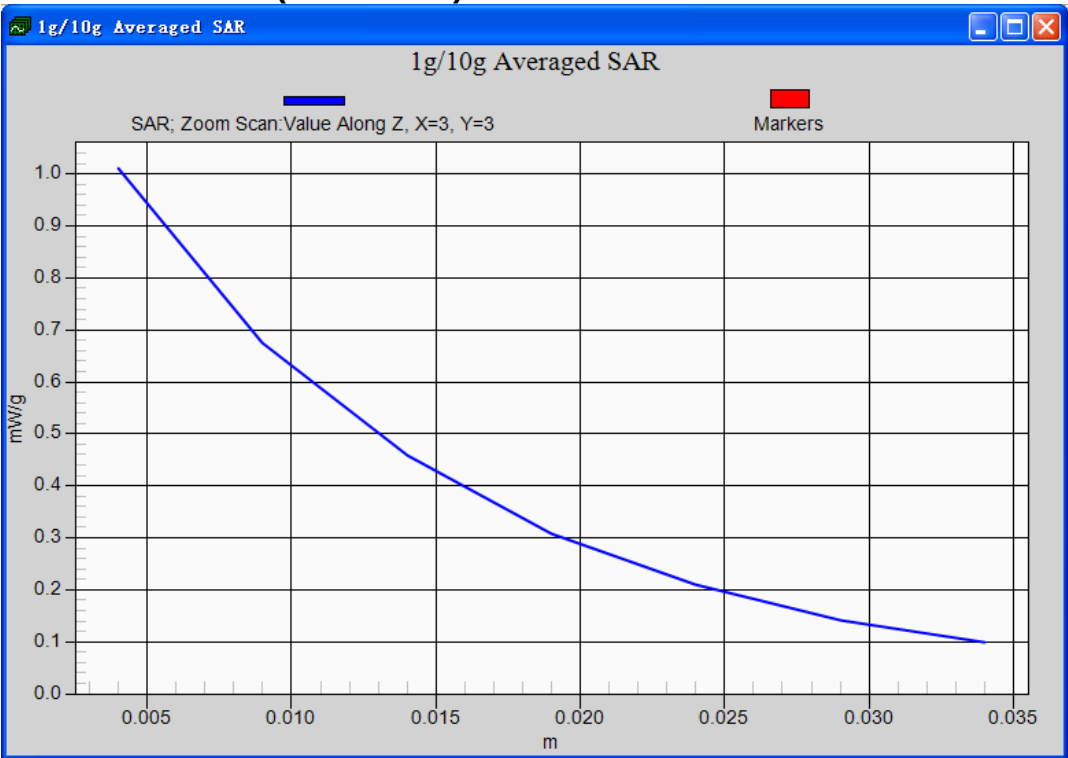


E367u-8 rear side (2 timeslots) –GPRS 850 Channel 128

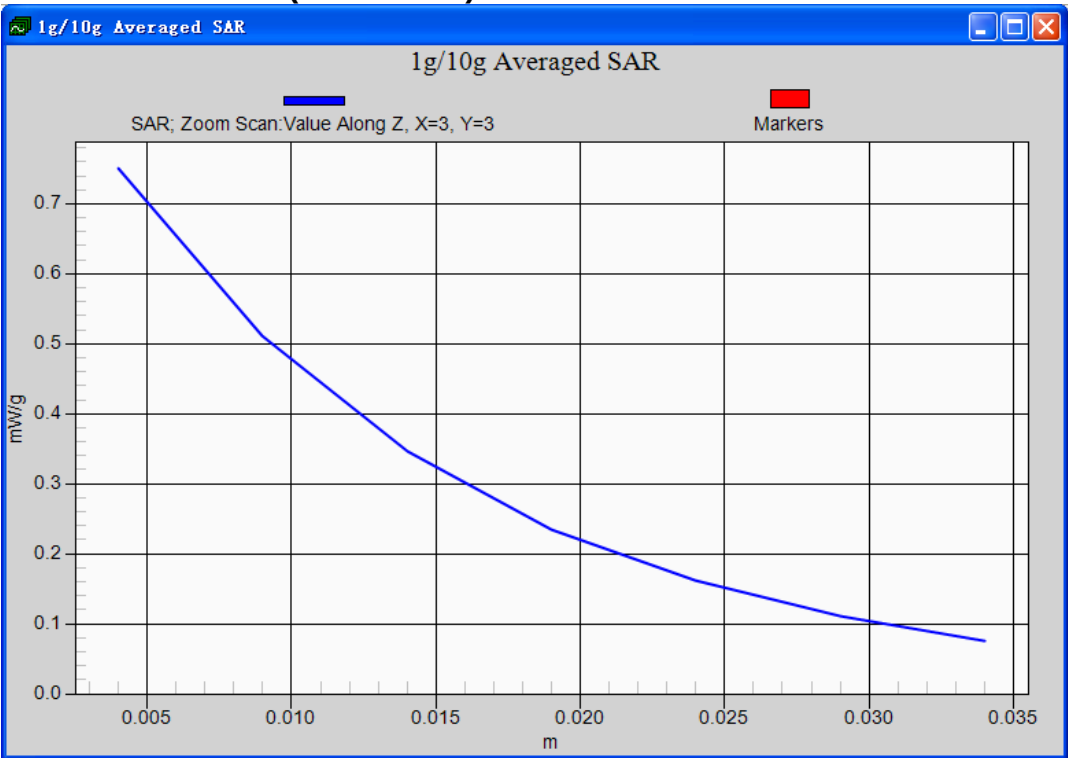




E367u-8 rear side (2 timeslots) –GPRS 850 Channel 251

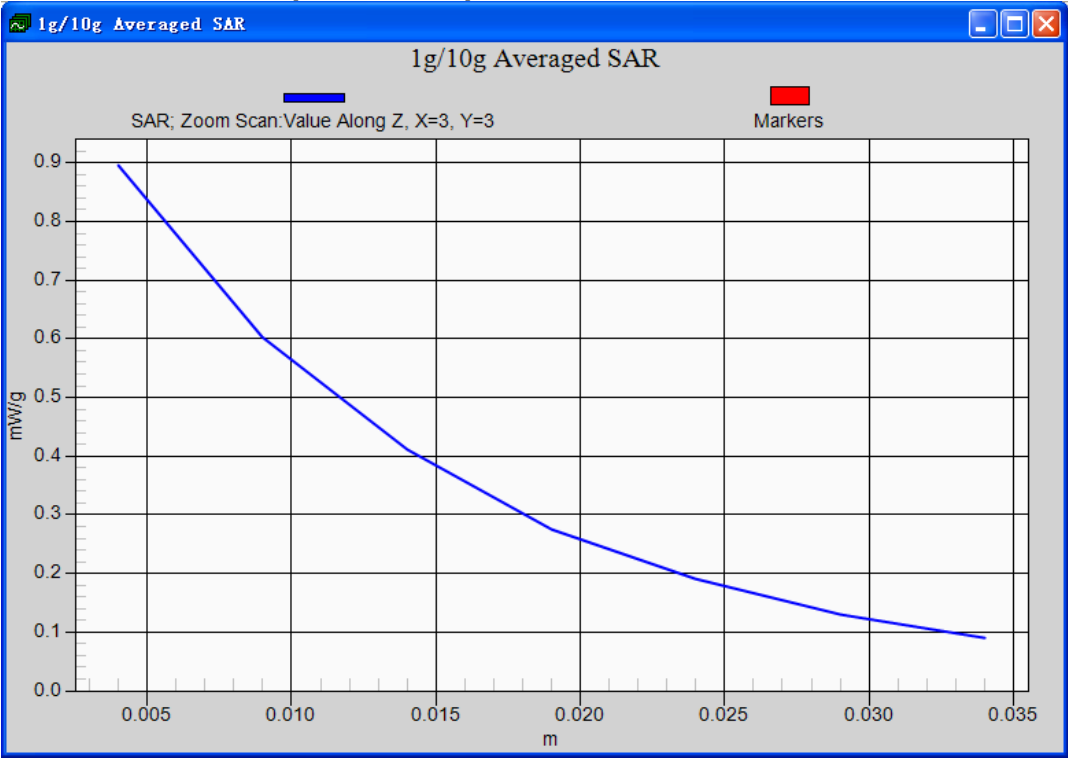


E367u-8 front side (1 timeslots) –EGPRS 850 Channel 190

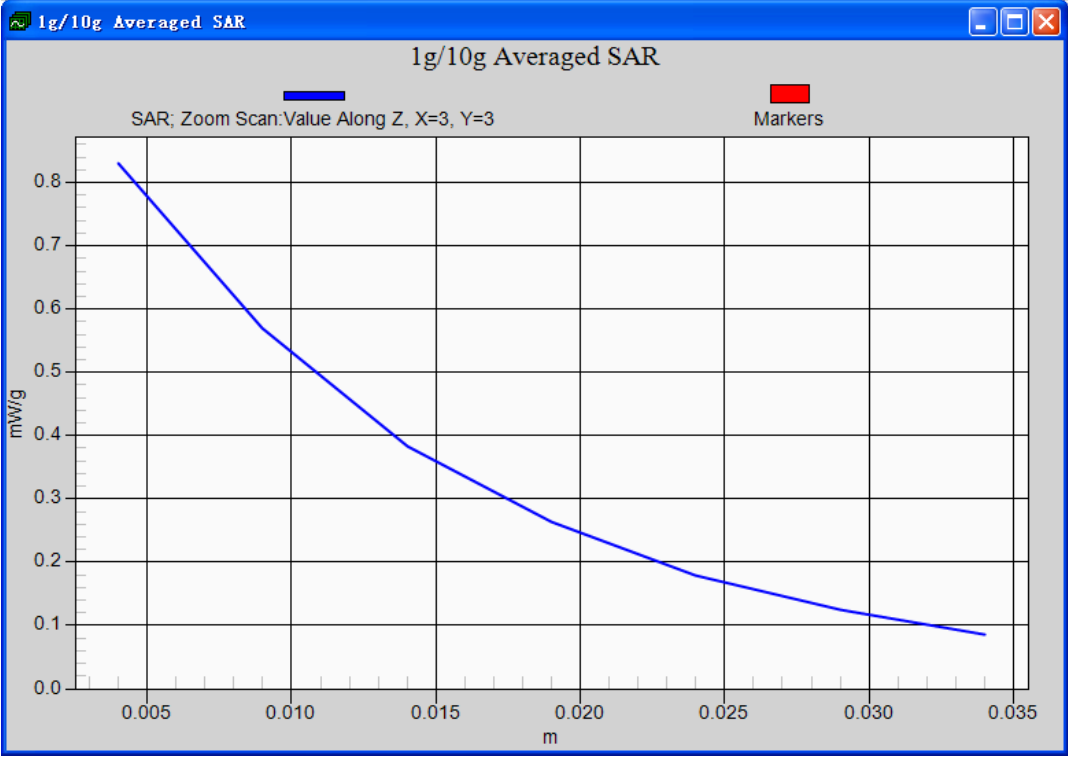




E367u-8 front side (2 timeslots) –EGPRS 850 Channel 190

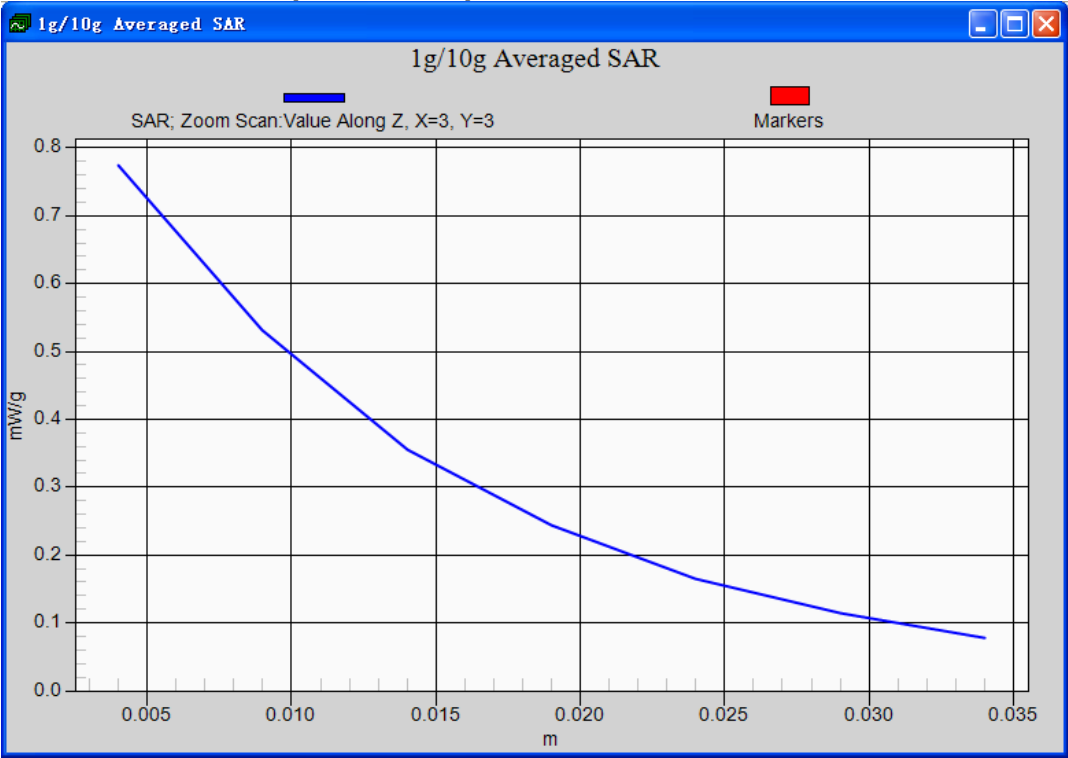


E367u-8 front side (3 timeslots) –EGPRS 850 Channel 190

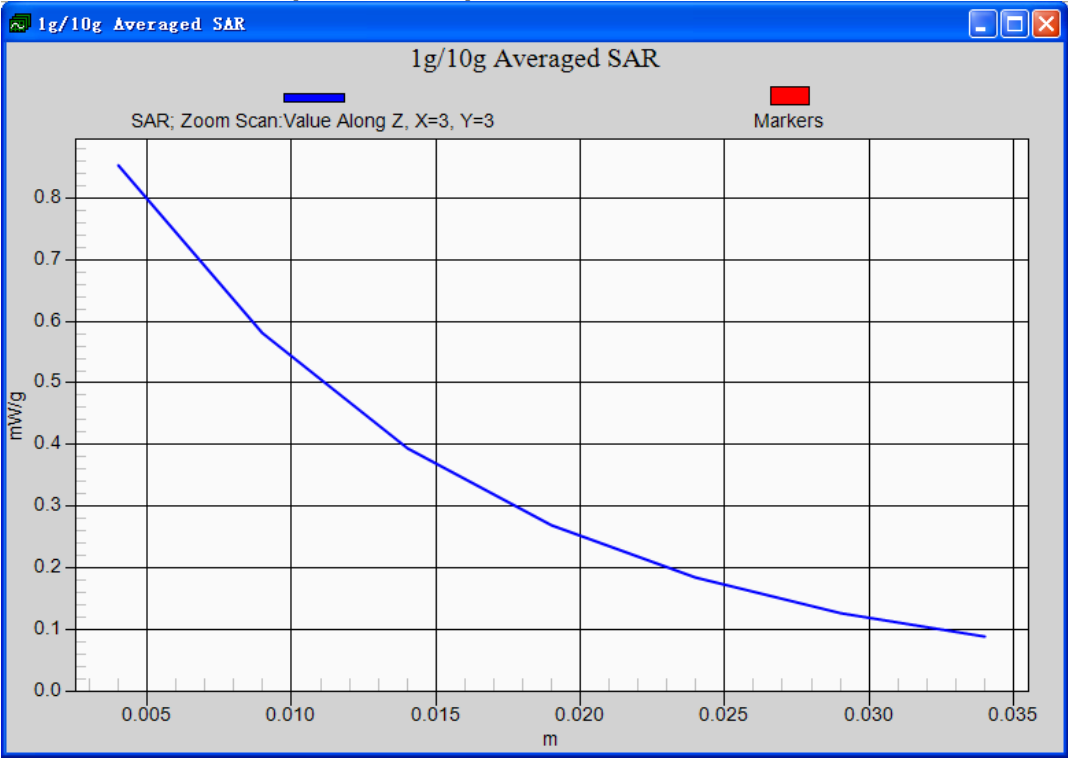




E367u-8 front side (4 timeslots) –EGPRS 850 Channel 190

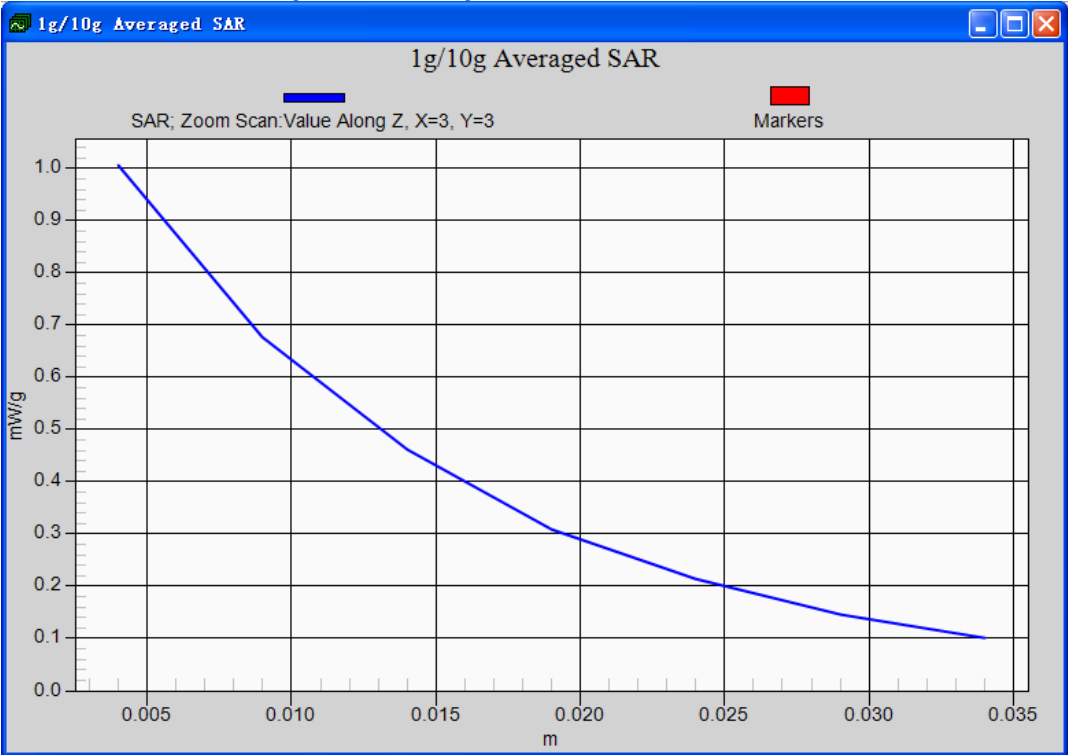


E367u-8 front side (2 timeslots) –EGPRS 850 Channel 128



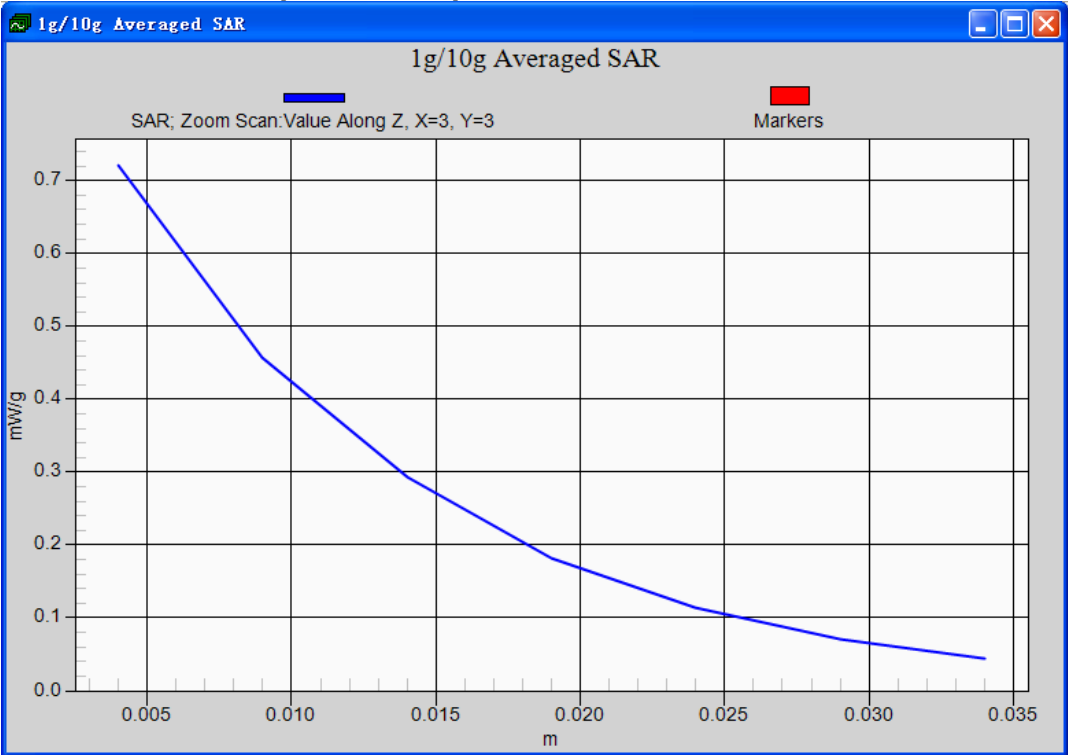


E367u-8 front side (2 timeslots) –EGPRS 850 Channel 251



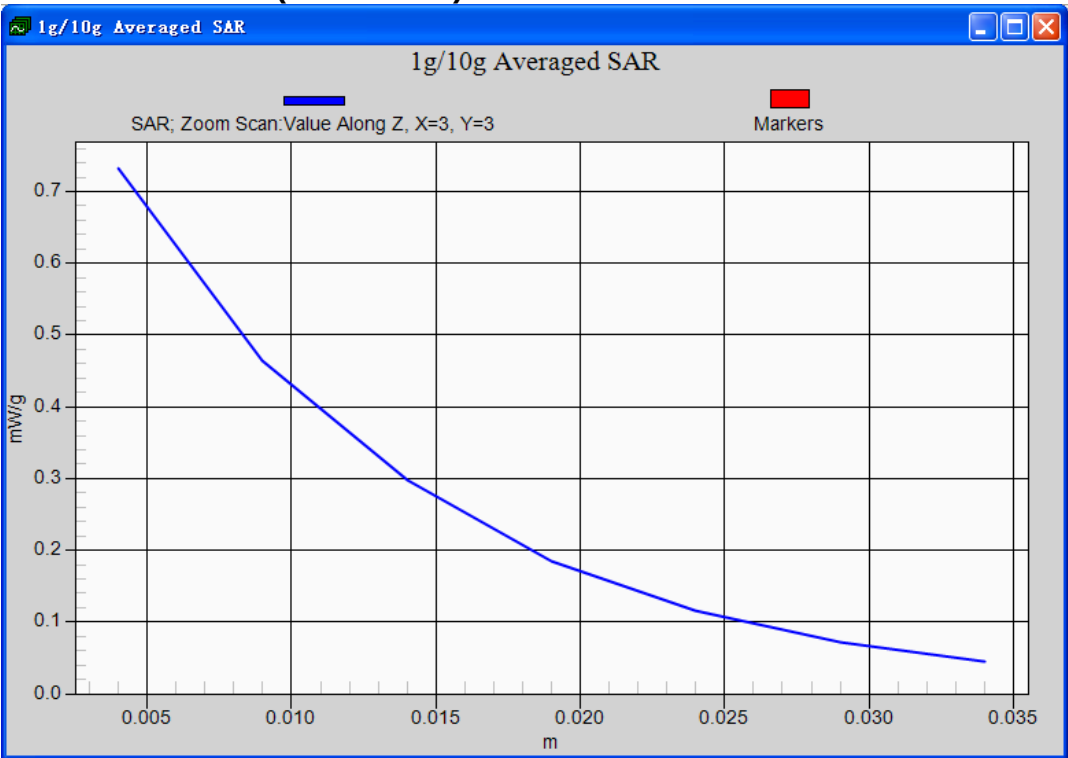
GSM 1900

E367u-8 rear side (1 timeslots) –GPRS 1900 Channel 661

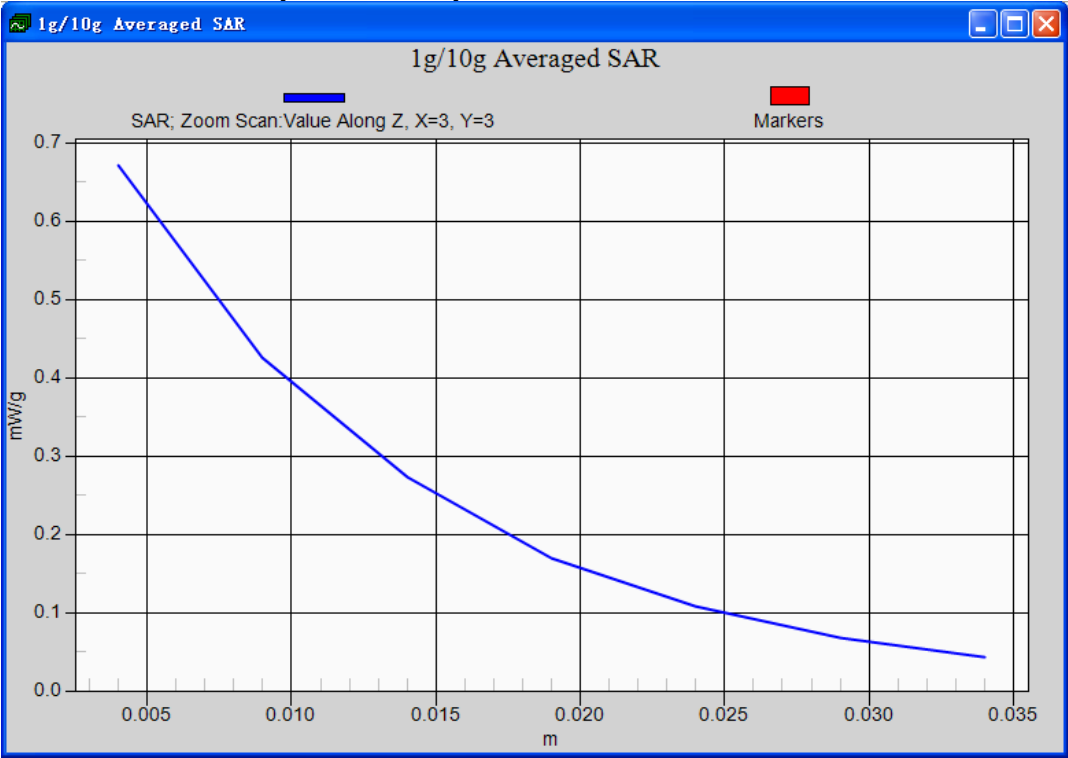




E367u-8 rear side (2 timeslots) –GPRS 1900 Channel 661

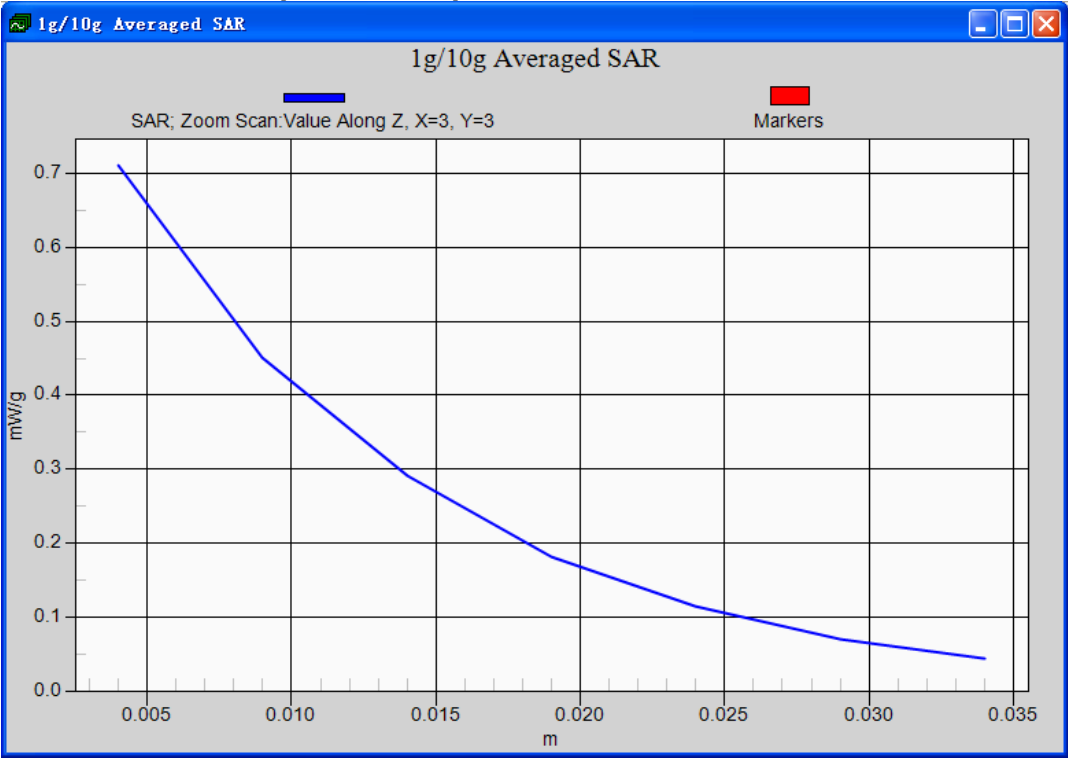


E367u-8 rear side (3 timeslots) –GPRS 1900 Channel 661

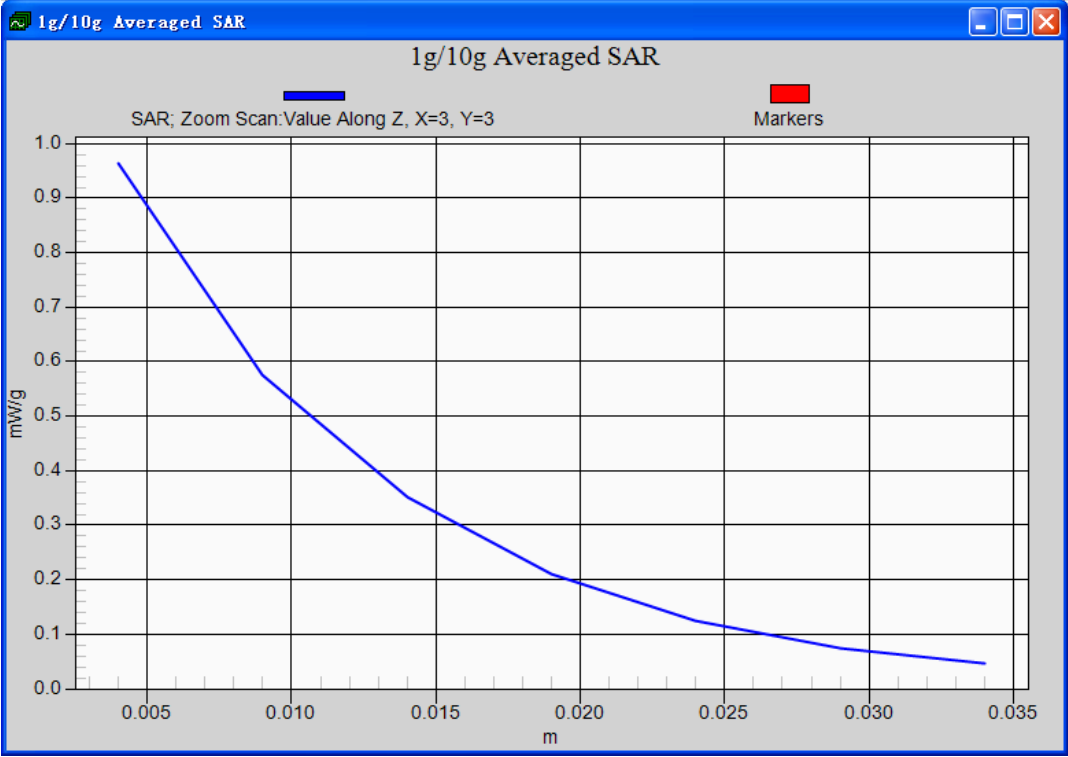




E367u-8 rear side (4 timeslots) –GPRS 1900 Channel 661

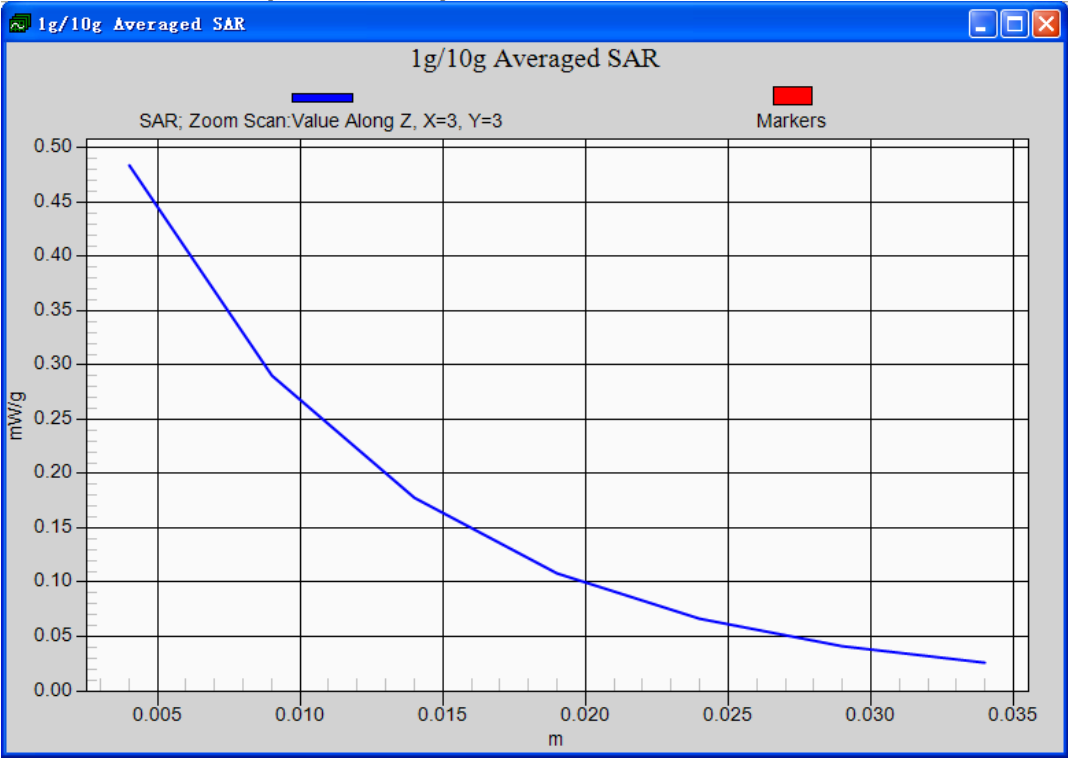


E367u-8 front side (2 timeslots) –GPRS 1900 Channel 661

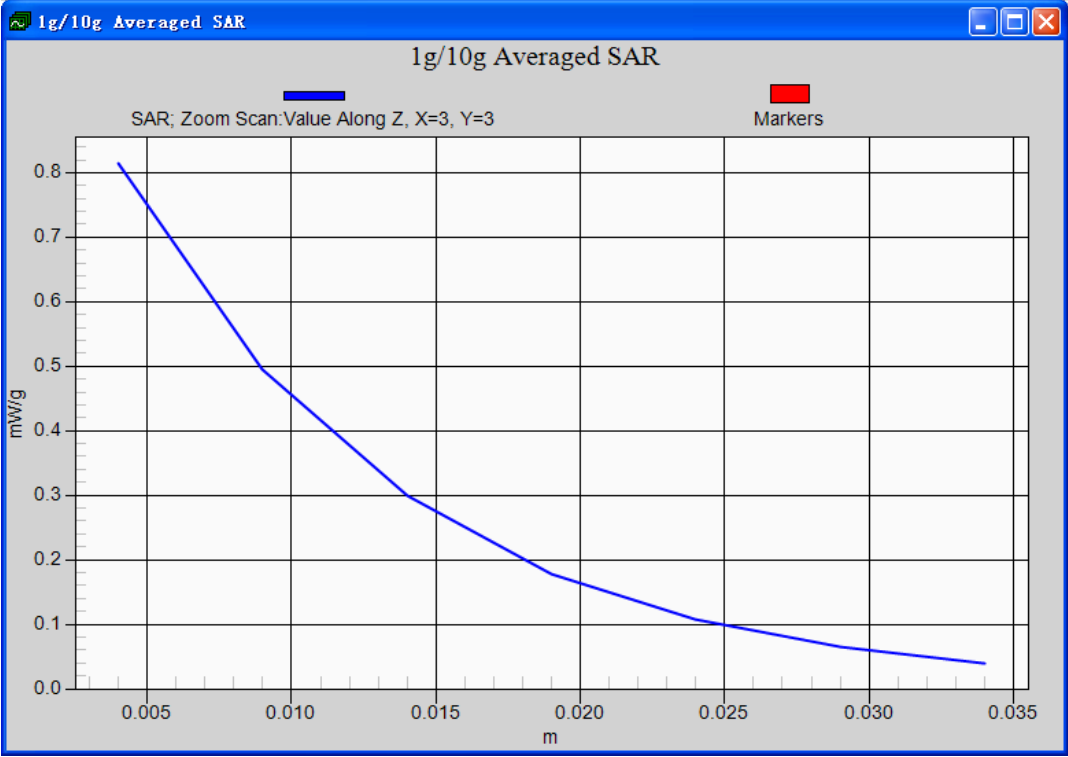




E367u-8 left side (2 timeslots) –GPRS 1900 Channel 661

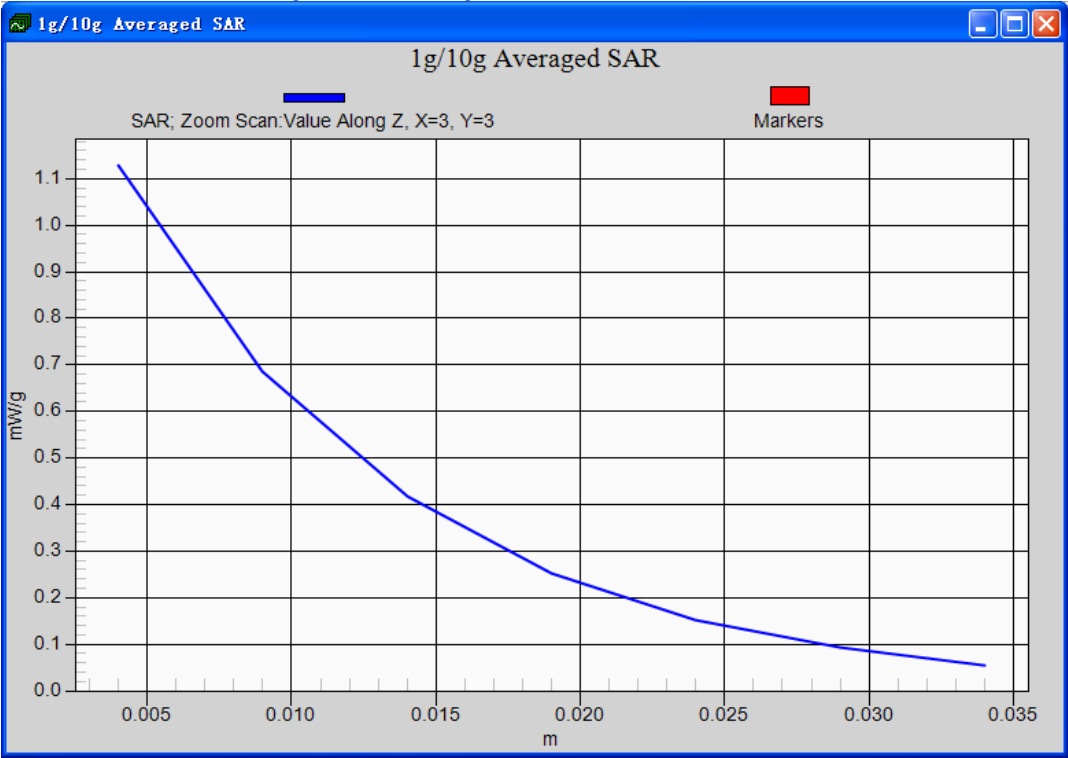


E367u-8 right side (2 timeslots) –GPRS 1900 Channel 661

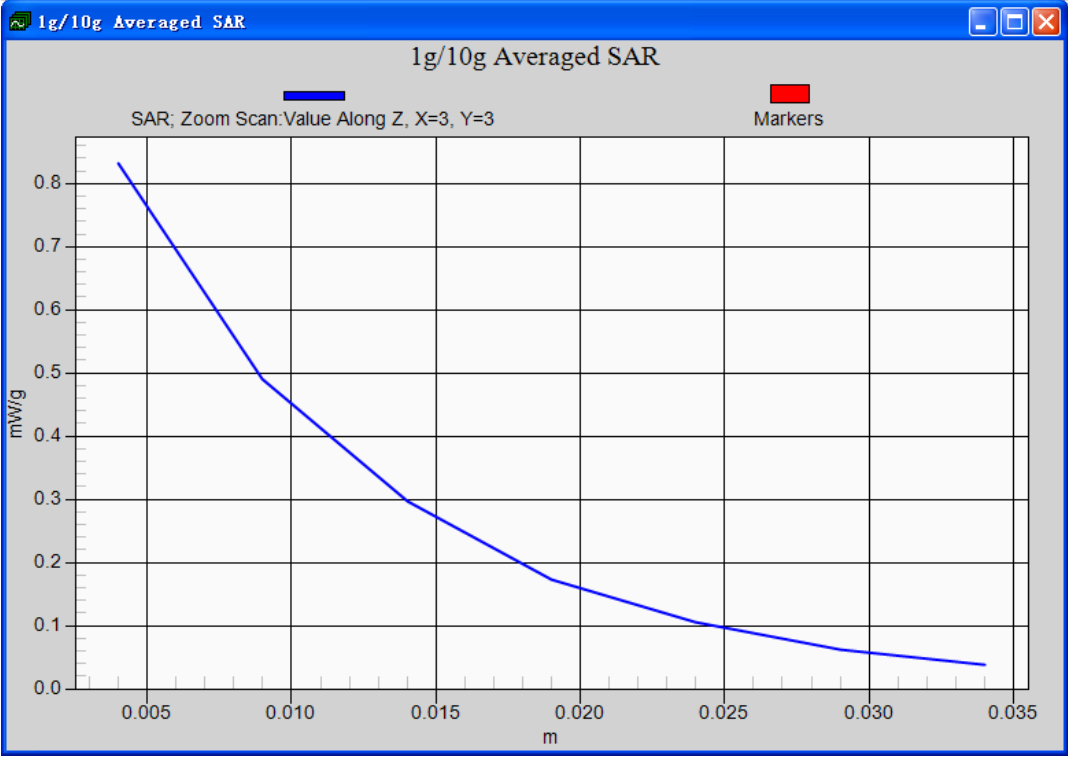




E367u-8 front side (2 timeslots) –GPRS 1900 Channel 512

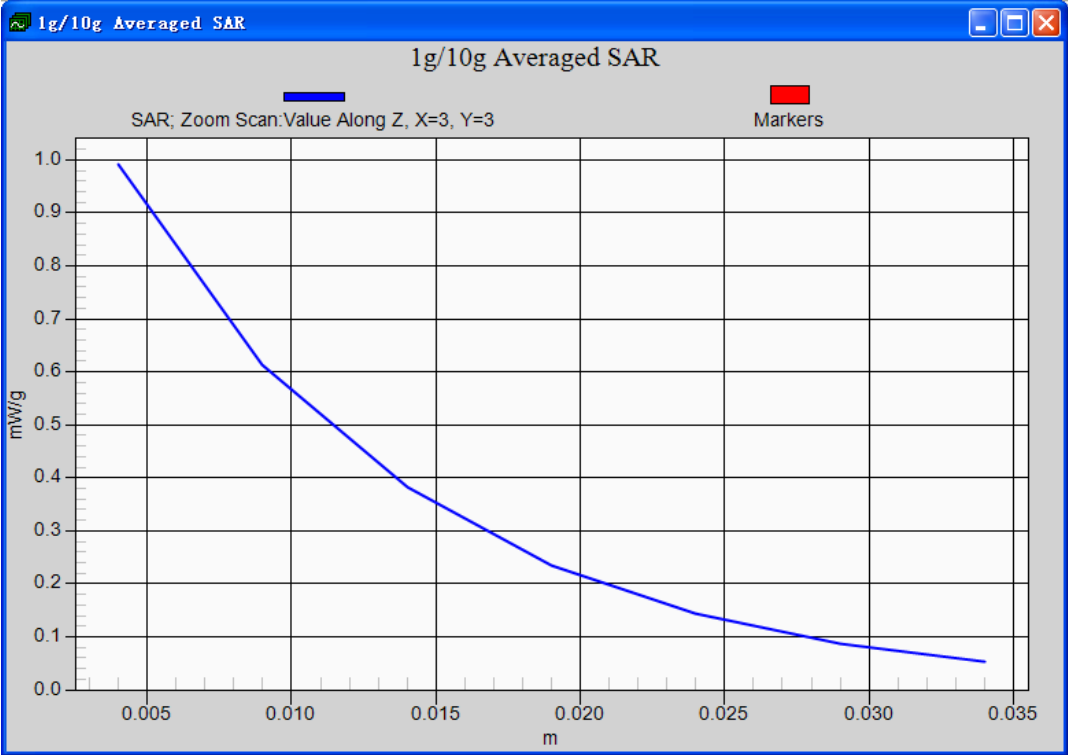


E367u-8 front side (2 timeslots) –GPRS 1900 Channel 810

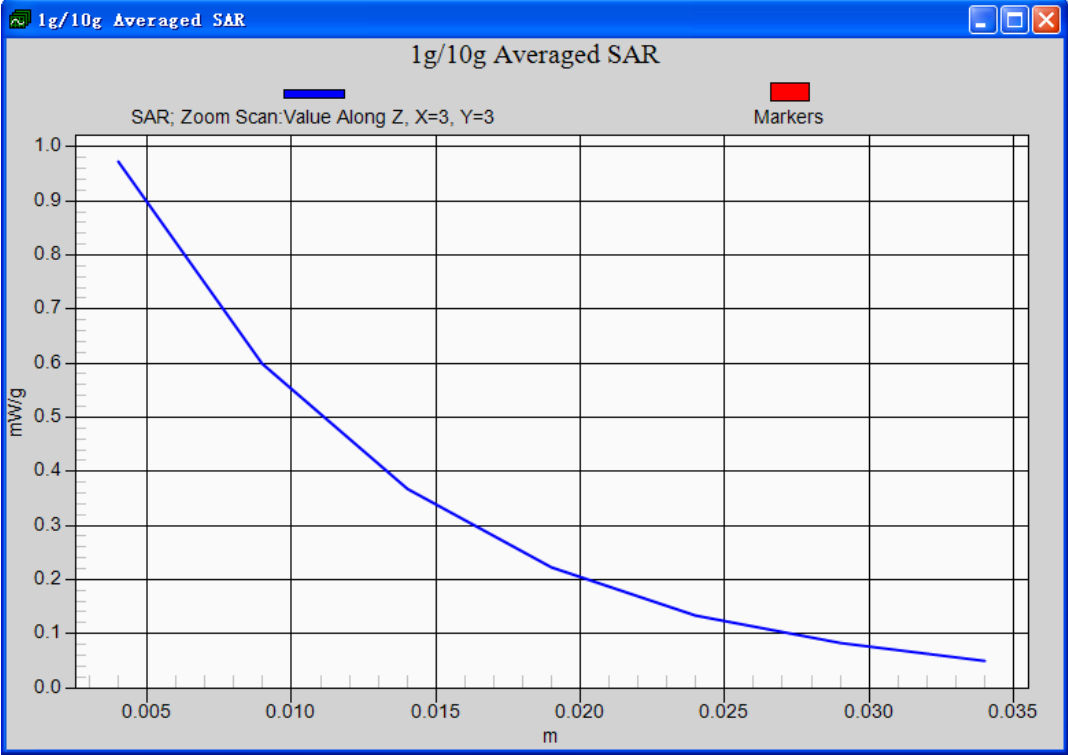




E367u-8 front side (1 timeslots) –EGPRS 1900 Channel 661

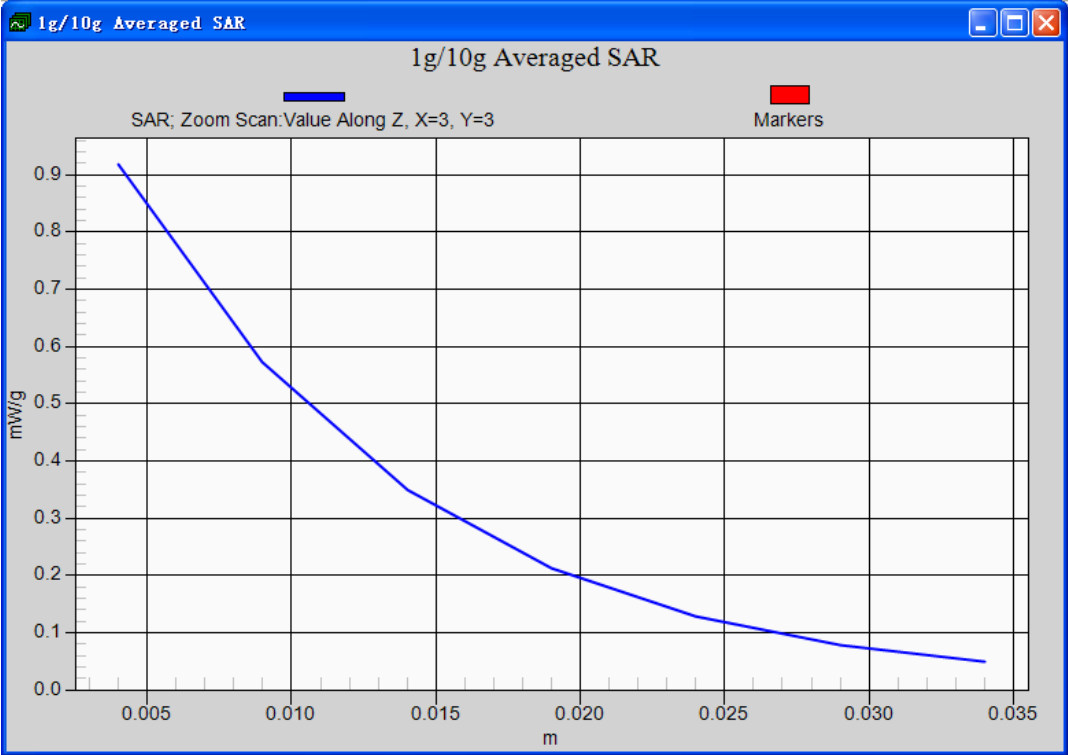


E367u-8 front side (2 timeslots) –EGPRS 1900 Channel 661

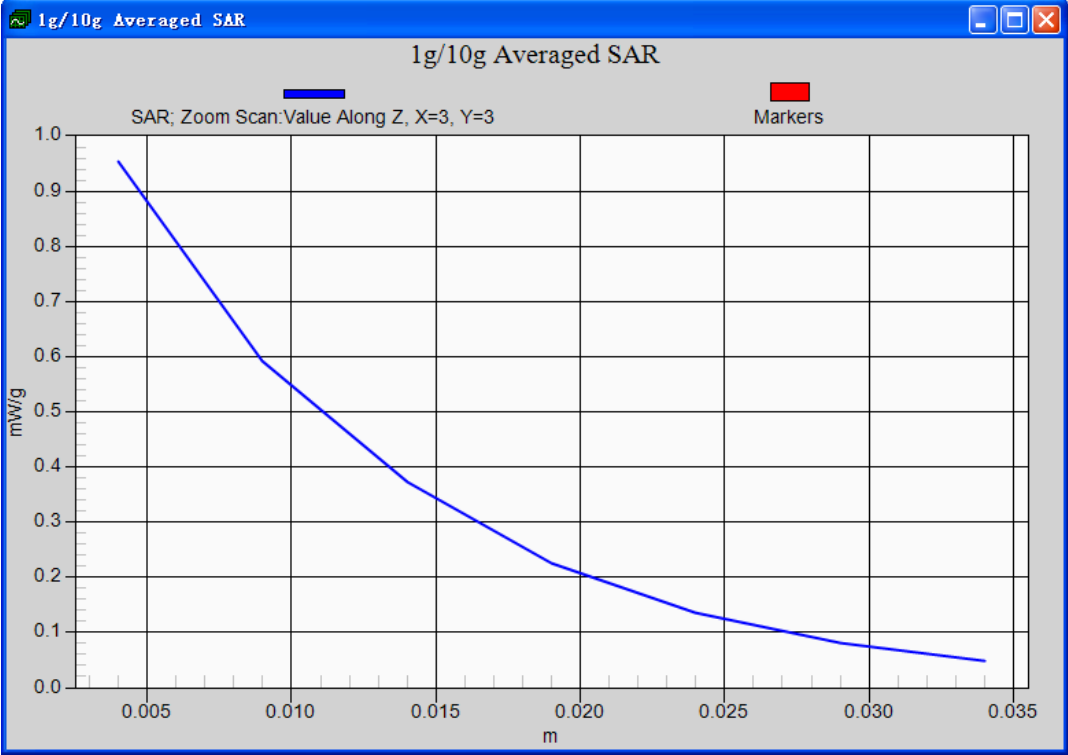




E367u-8 front side (3 timeslots) –EGPRS 1900 Channel 661

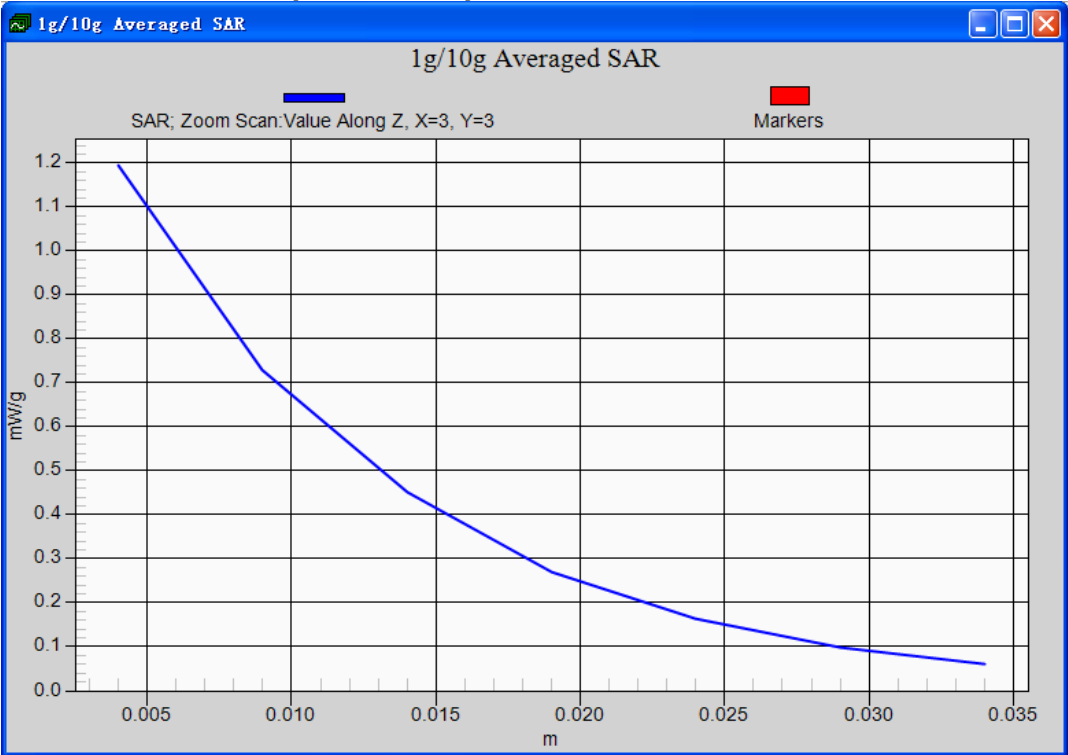


E367u-8 front side (4 timeslots) –EGPRS 1900 Channel 661

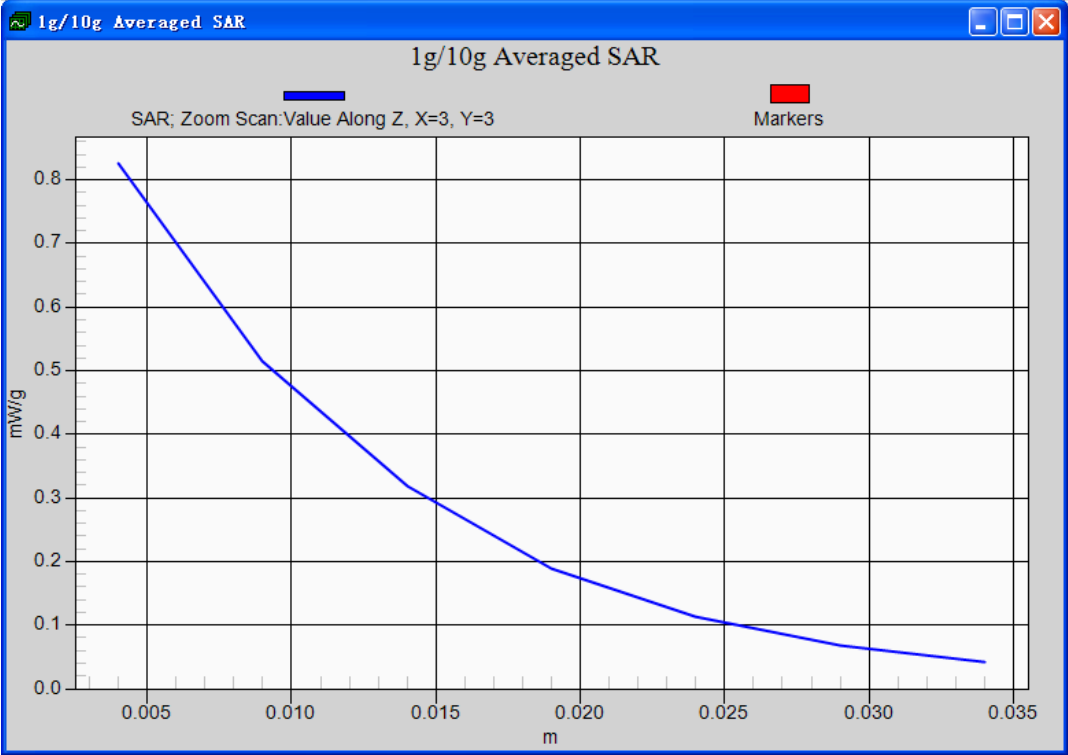




E367u-8 front side (1 timeslots) –EGPRS 1900 Channel 512

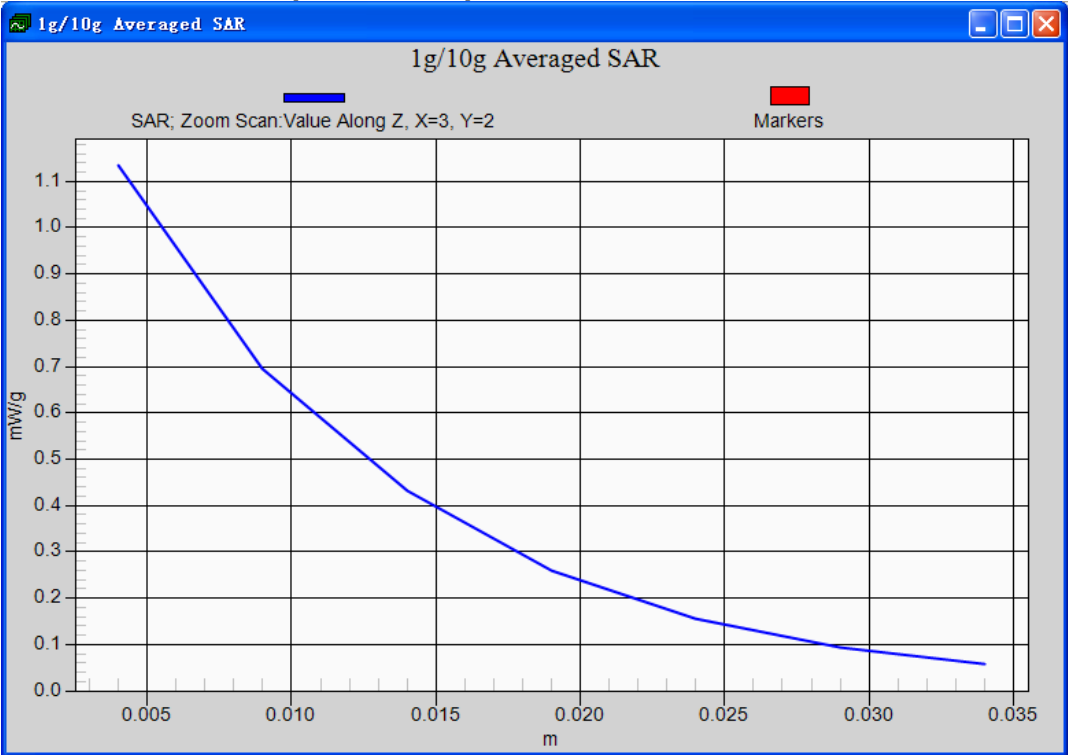


E367u-8 front side (1 timeslots) –EGPRS 1900 Channel 810

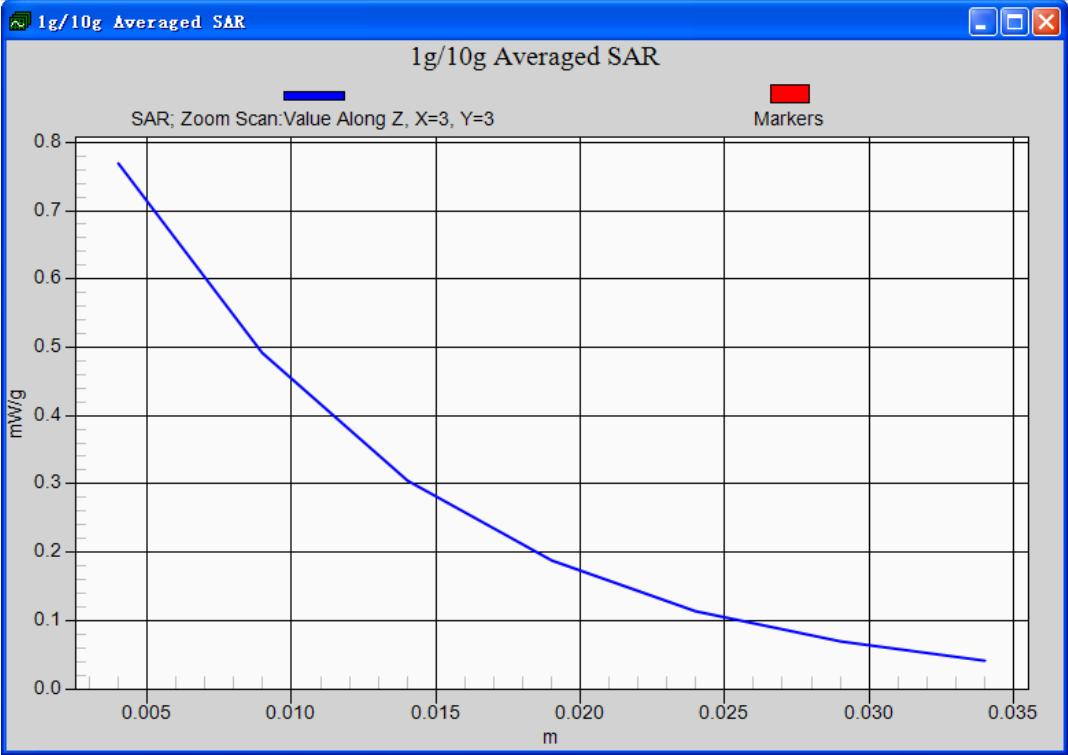




E367u-8 front side (2 timeslots) –EGPRS 1900 Channel 512

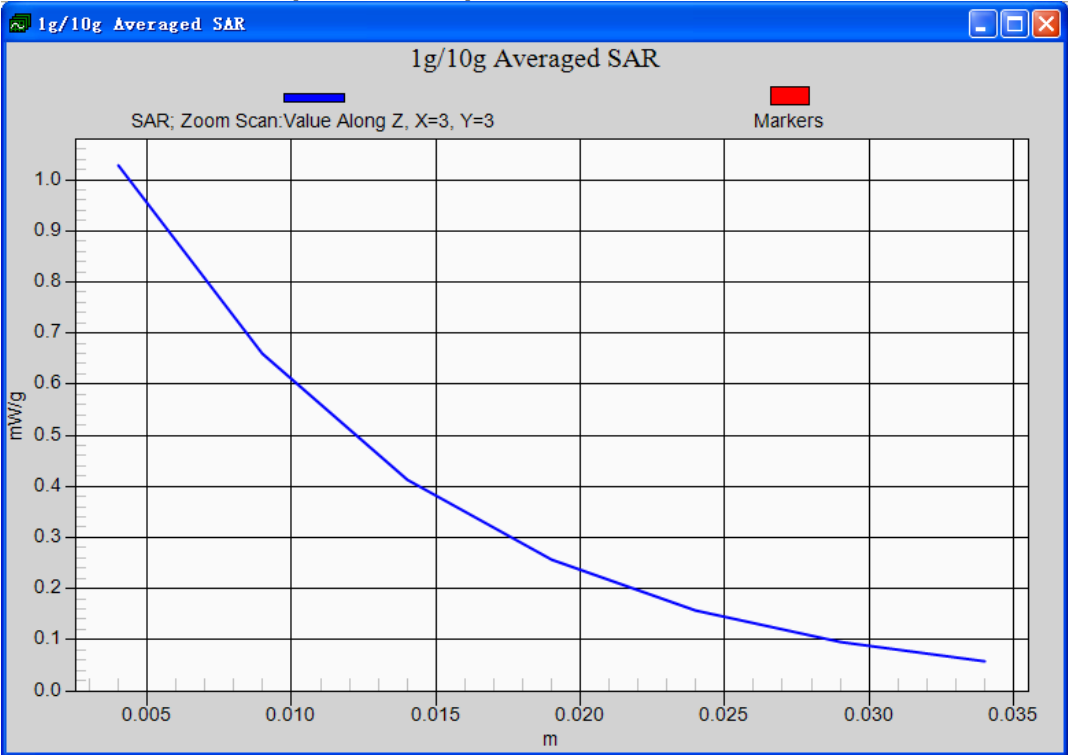


E367u-8 front side (2 timeslots) –EGPRS 1900 Channel 810

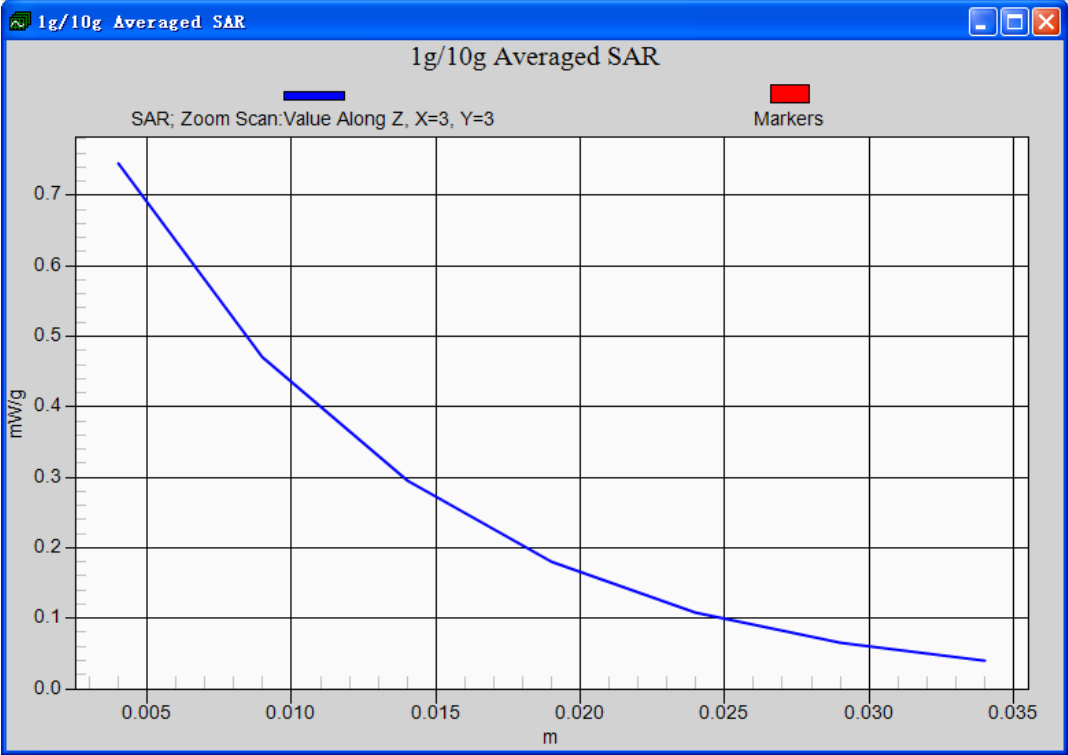




E367u-8 front side (3 timeslots) –EGPRS 1900 Channel 512

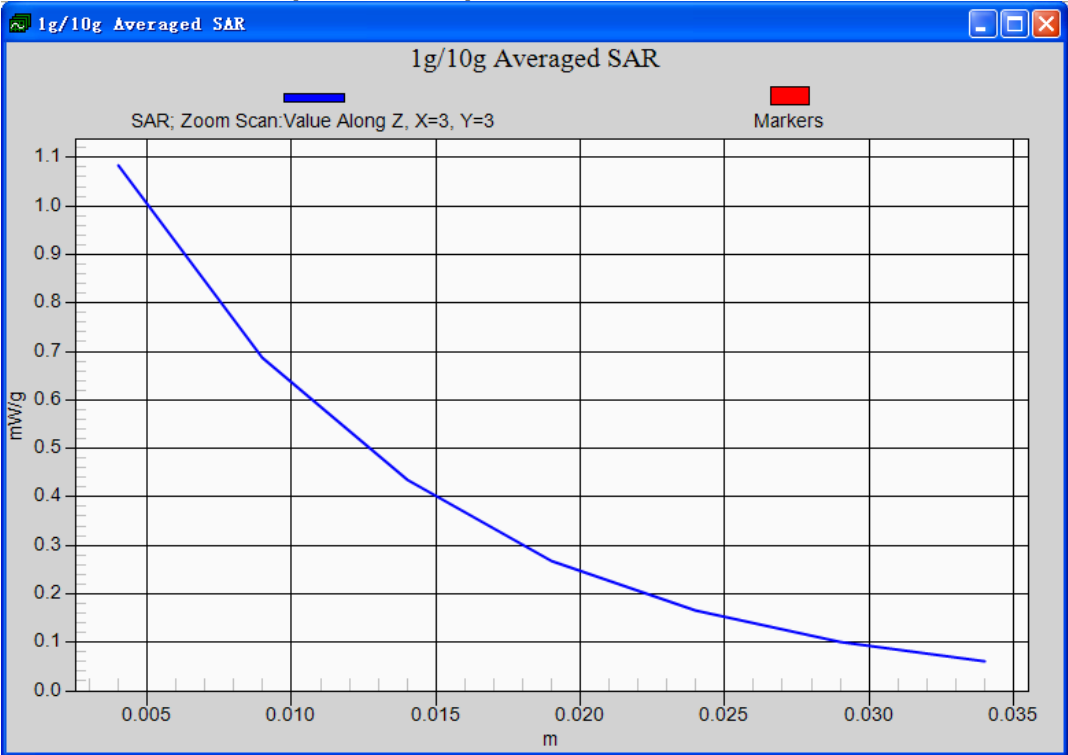


E367u-8 front side (3 timeslots) –EGPRS 1900 Channel 810

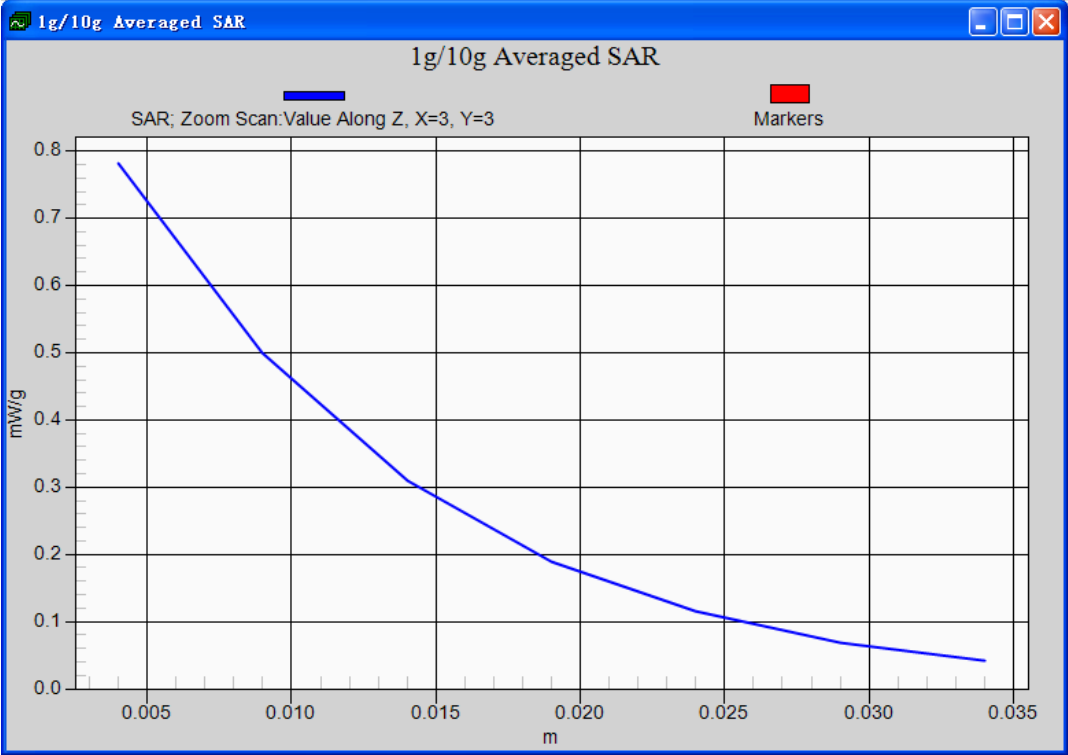




E367u-8 front side (4 timeslots) –EGPRS 1900 Channel 512

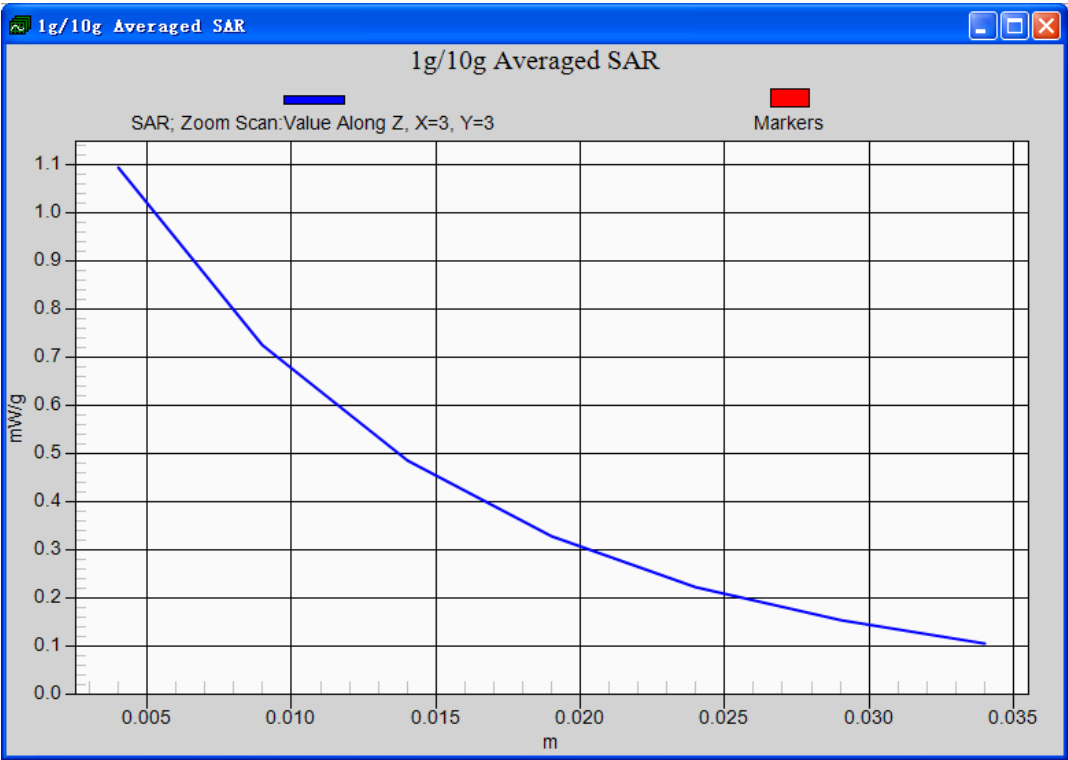


E367u-8 front side (4 timeslots) –EGPRS 1900 Channel 810

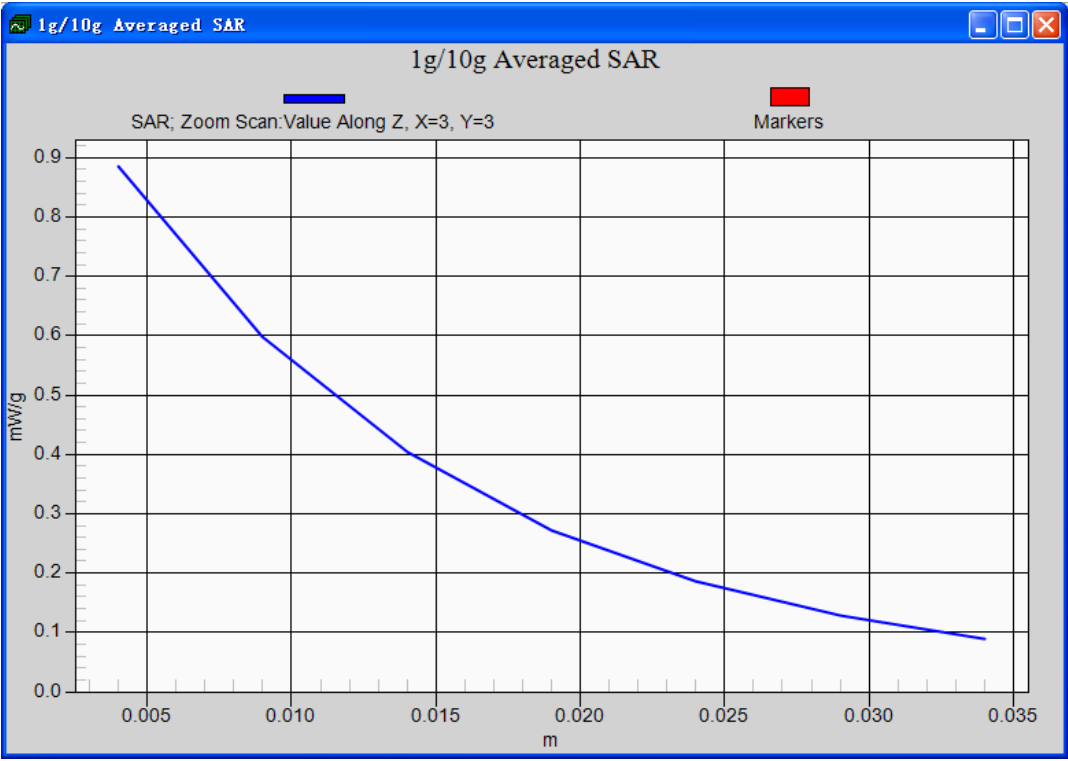




WCDMA Band V
E367u-8 front side –WCDMA Band V Channel 4182

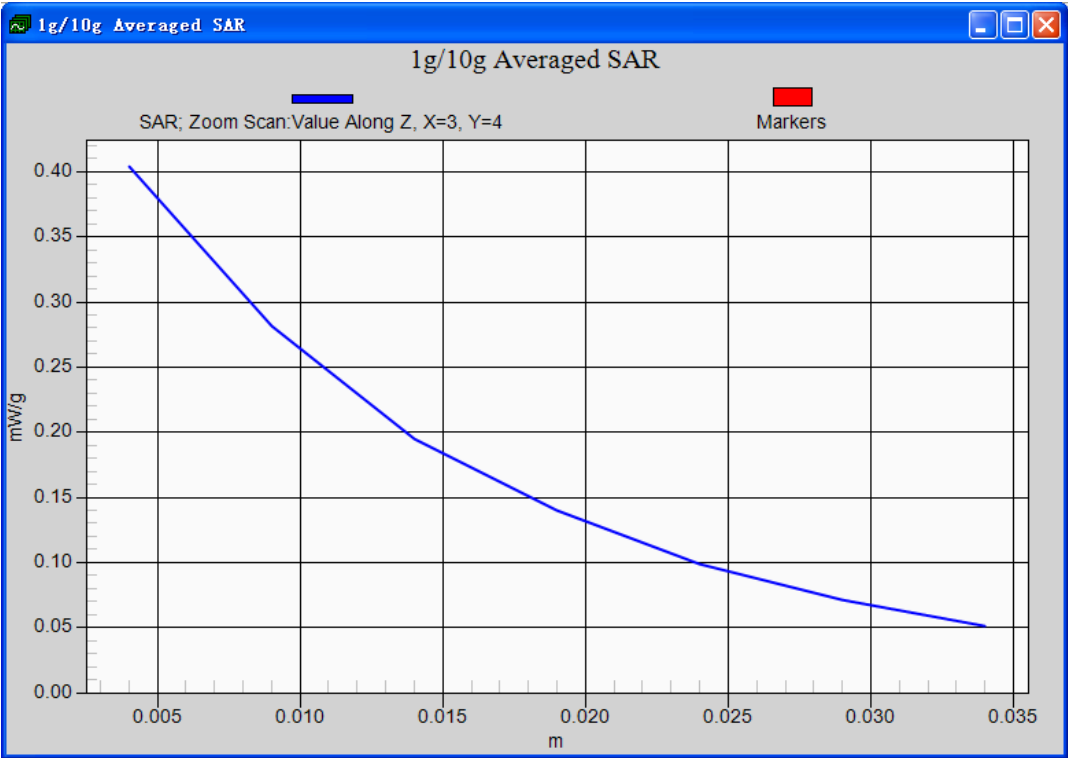


E367u-8 back side –WCDMA Band V Channel 4182

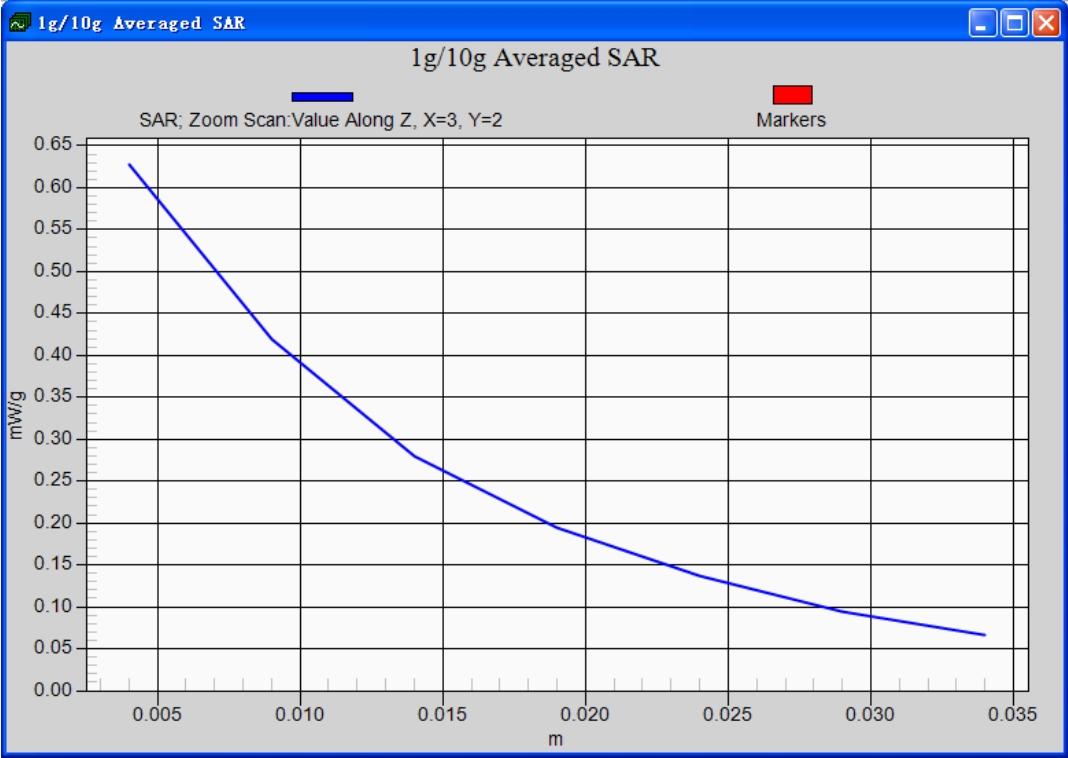




E367u-8 left side –WCDMA Band V Channel 4182

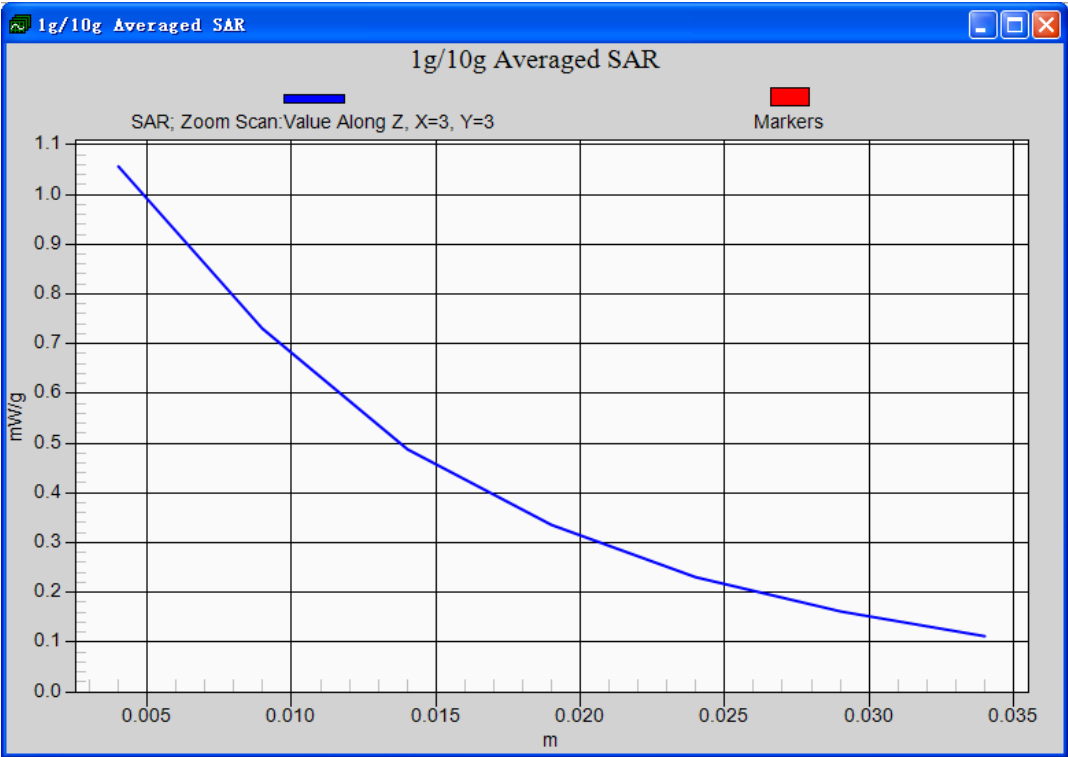


E367u-8 right side –WCDMA Band V Channel 4182

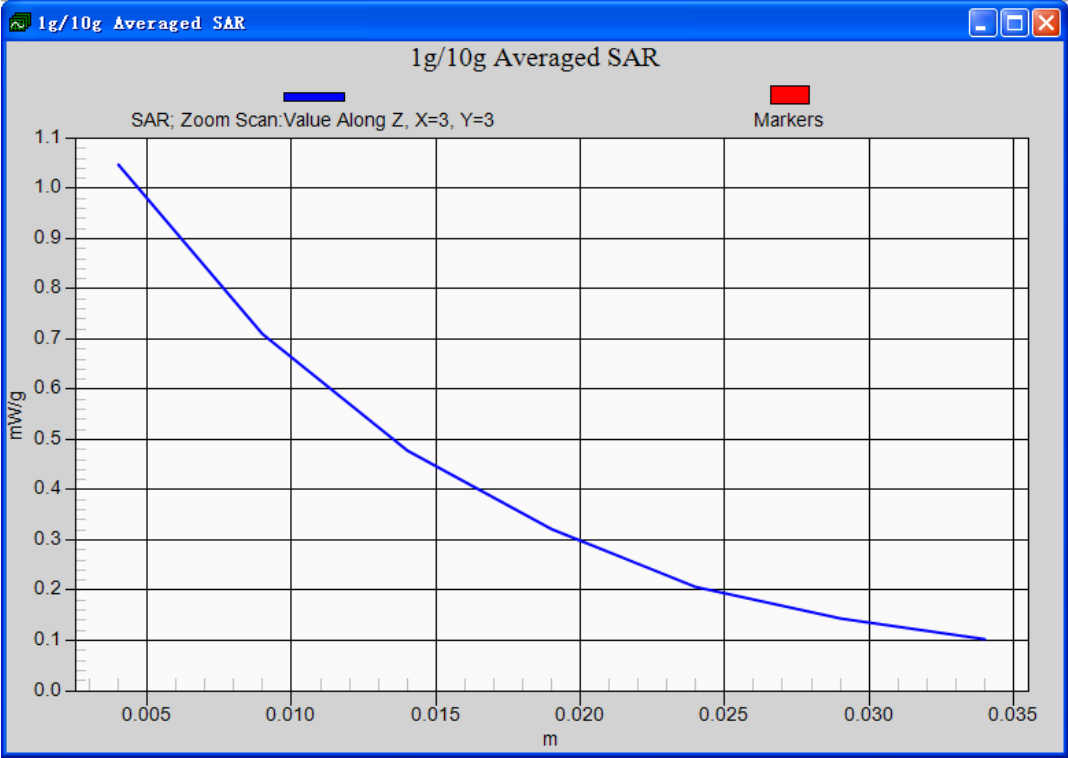




E367u-8 front side –WCDMA Band V Channel 4132

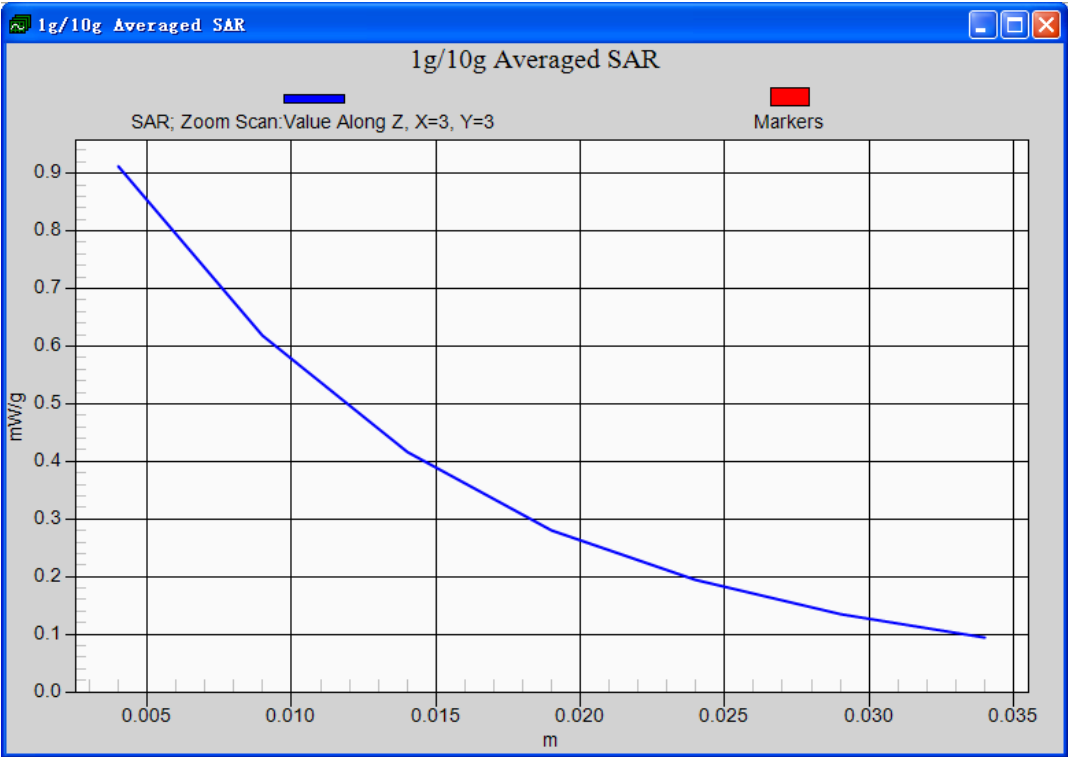


E367u-8 front side –WCDMA Band V Channel 4233

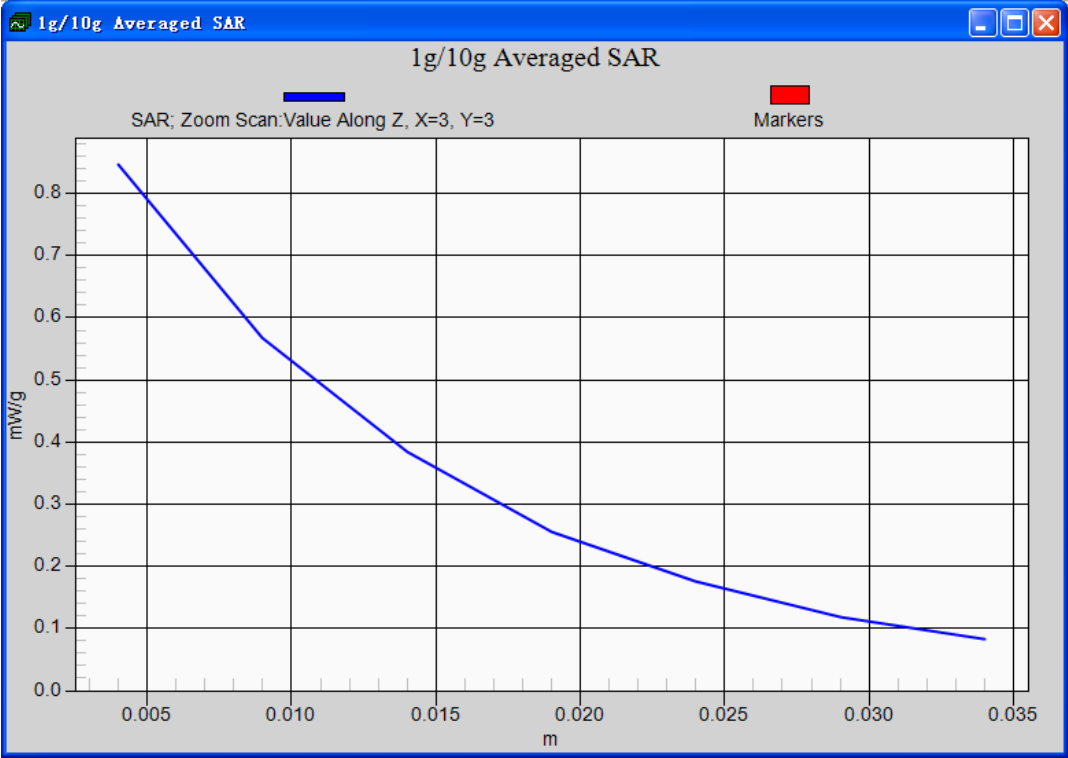




E367u-8 rear side –WCDMA Band V Channel 4132

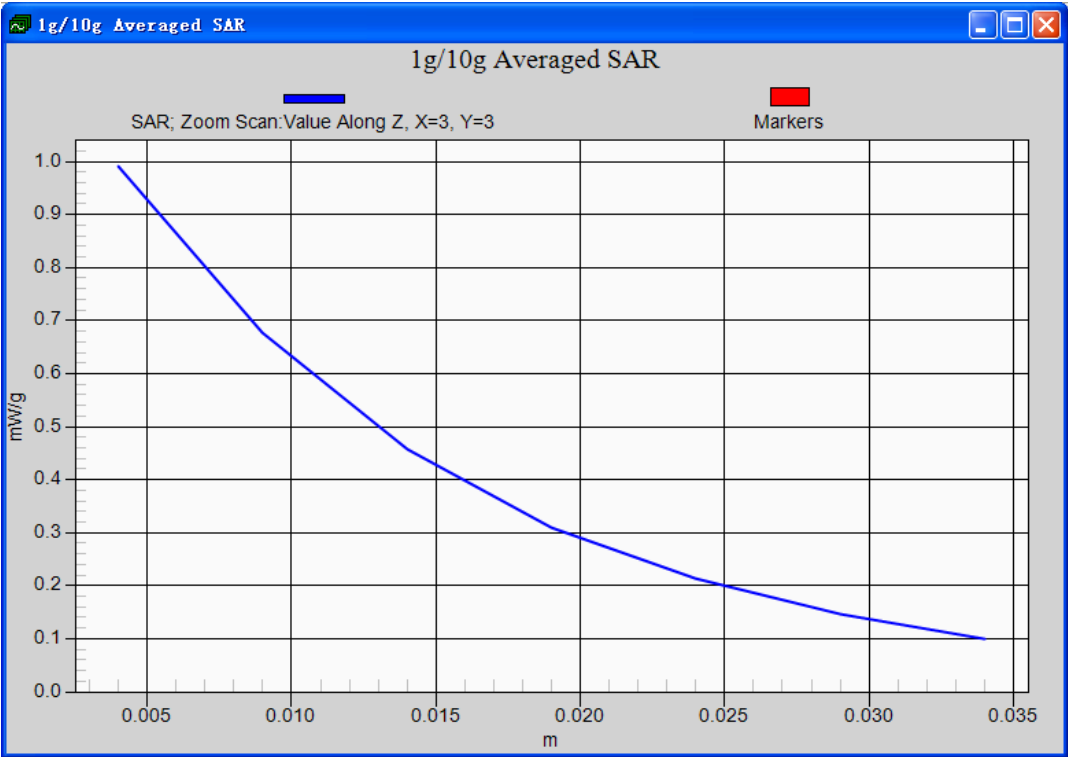


E367u-8 rear side –WCDMA Band V Channel 4233

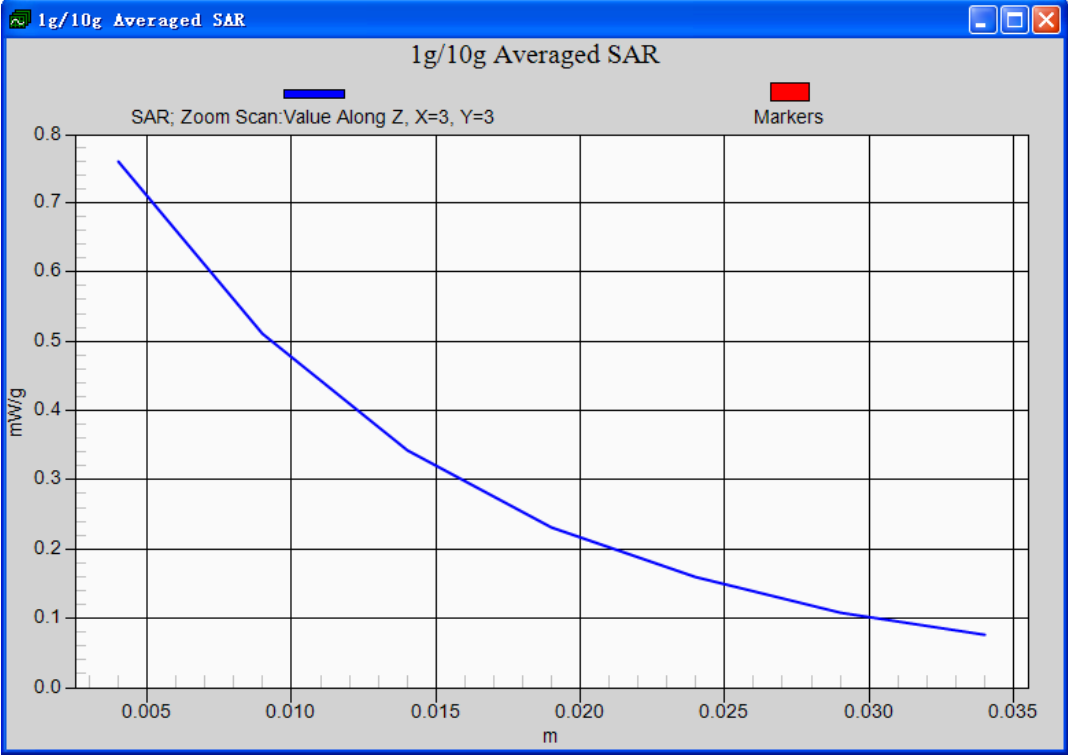




E367u-8 front side –WCDMA Band V with HSDPA Channel 4182

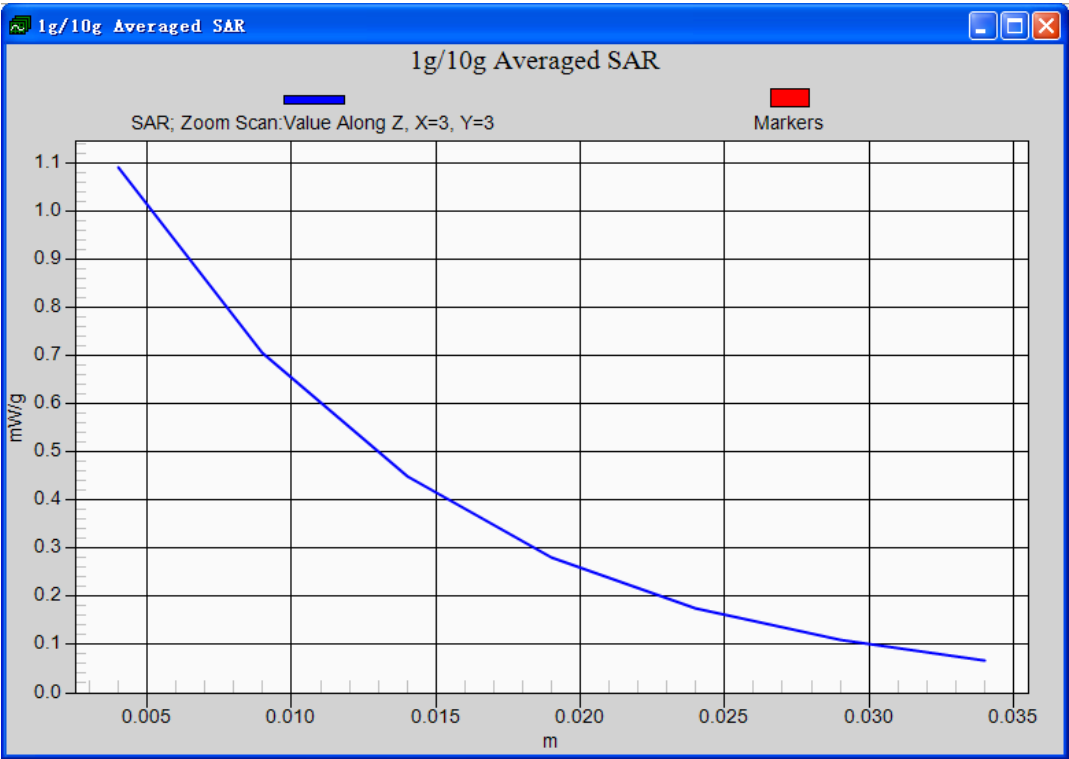


E367u-8 front side –WCDMA Band V with HSUPA Channel 4182

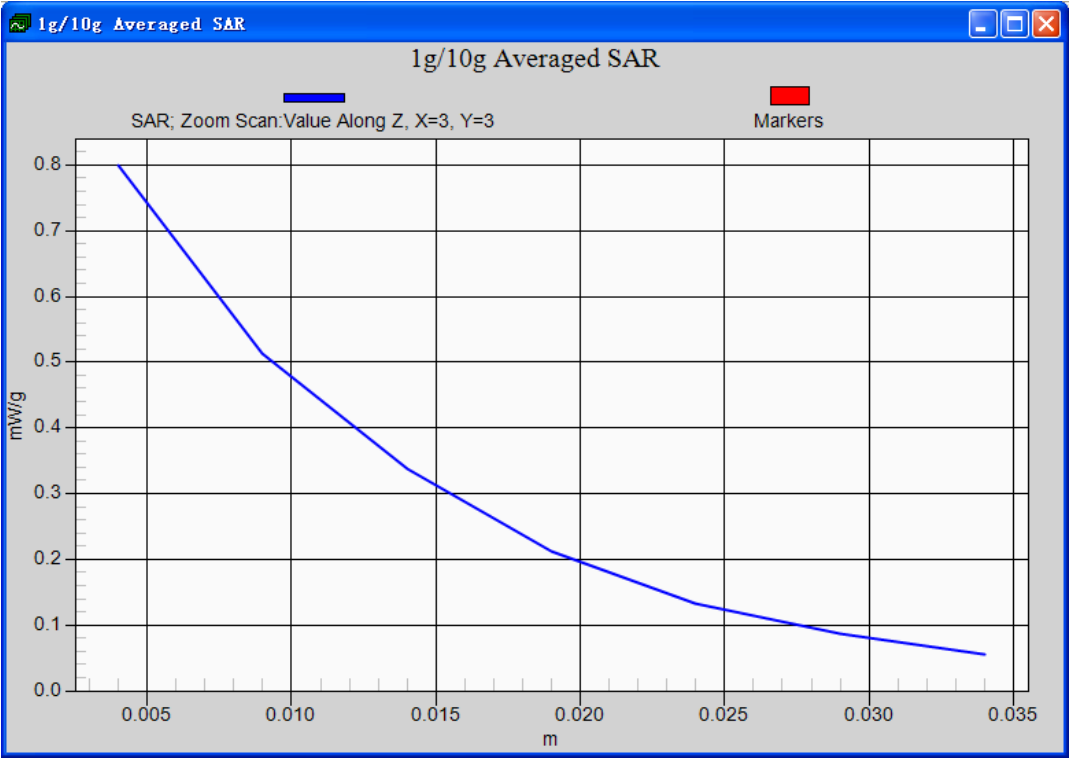




WCDMA Band II
E367u-8 front side –WCDMA Band II Channel 9400

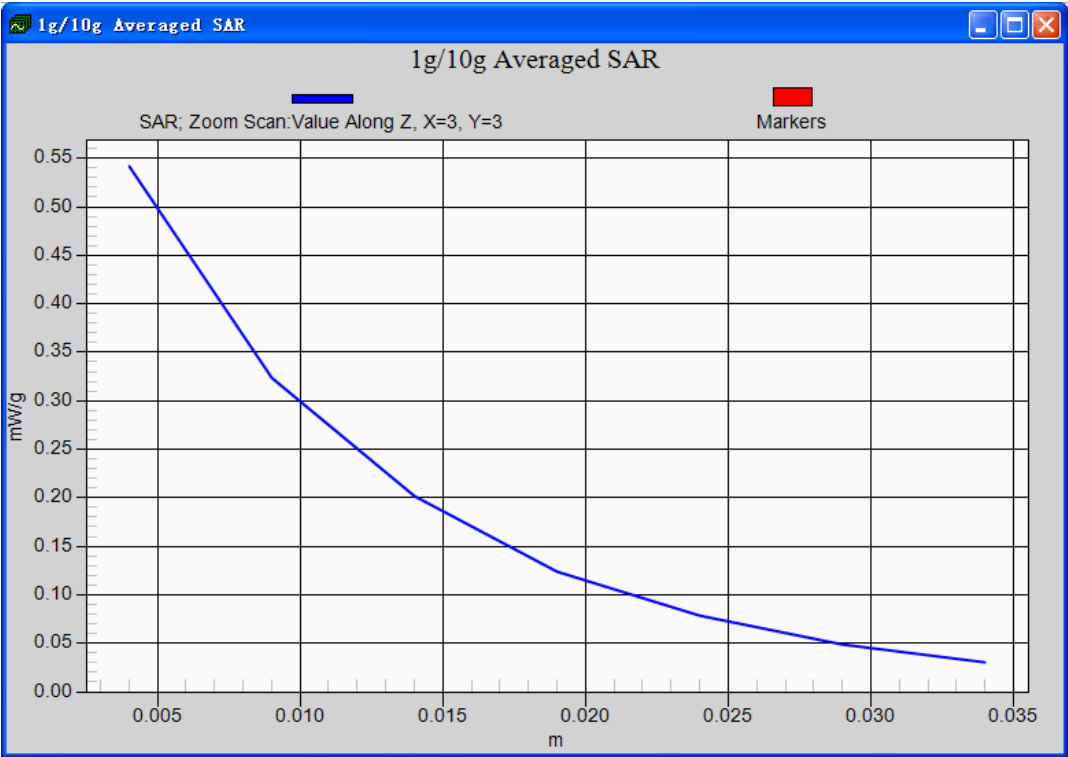


E367u-8 rear side –WCDMA Band II Channel 9400

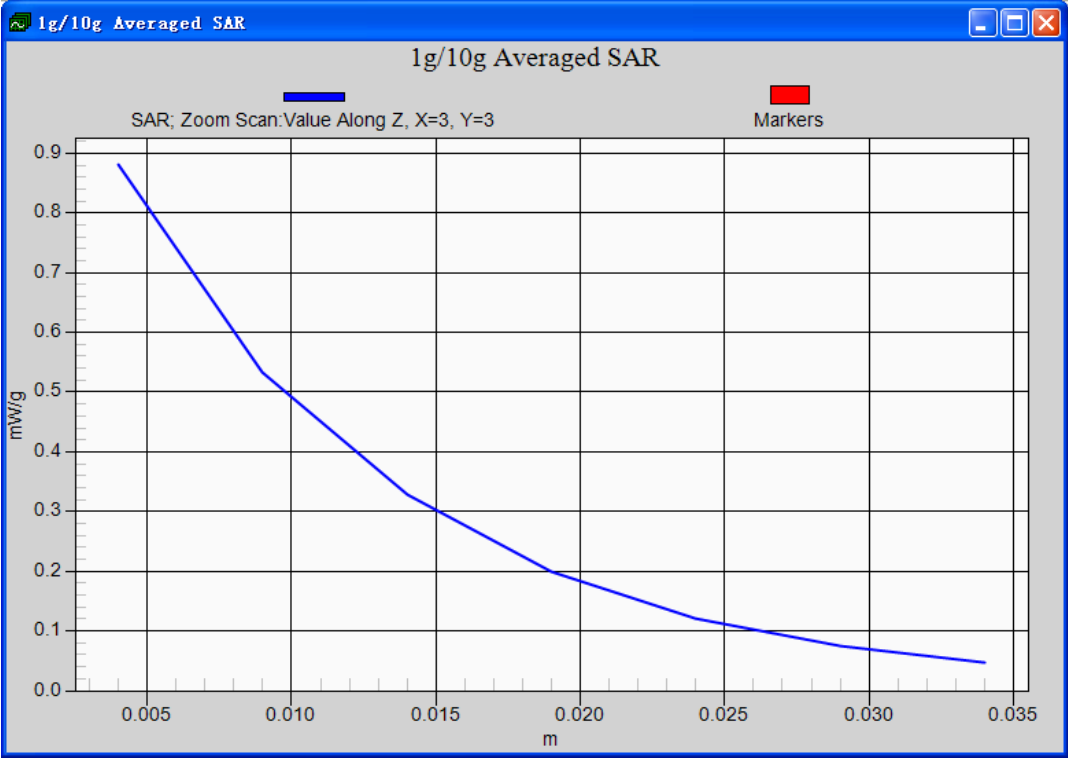




E367u-8 left side –WCDMA Band II Channel 9400

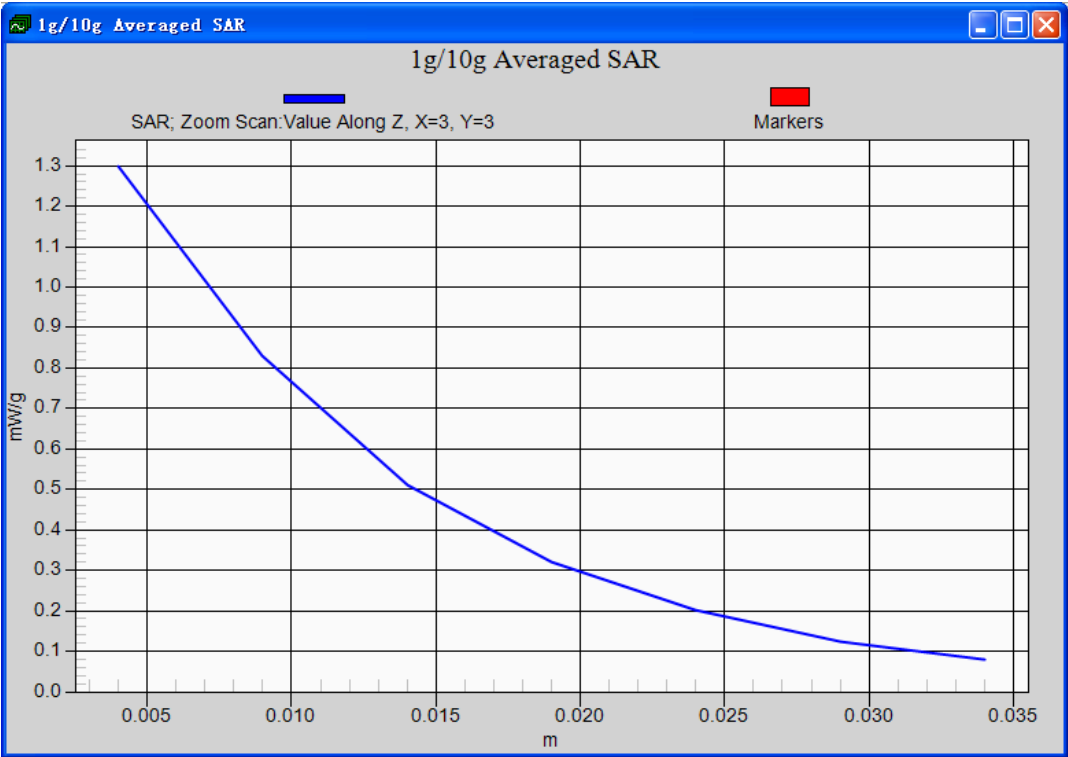


E367u-8 right side –WCDMA Band II Channel 9400

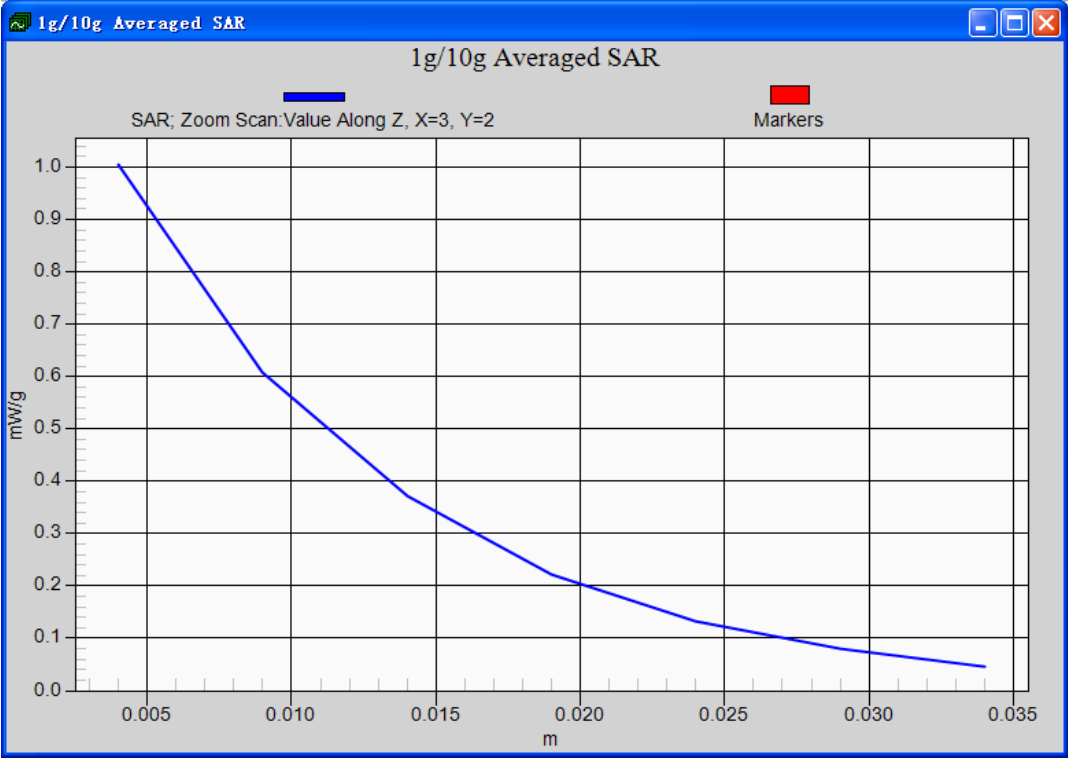




E367u-8 front side –WCDMA Band II Channel 9262

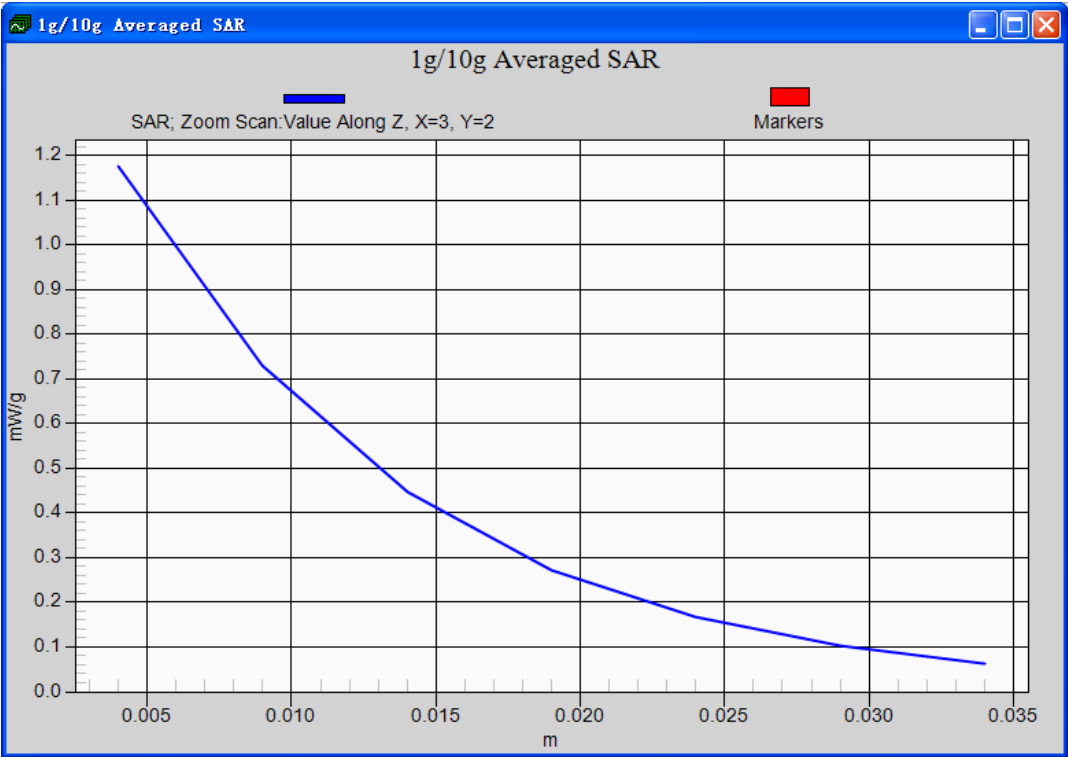


E367u-8 rear side –WCDMA Band II Channel 9538

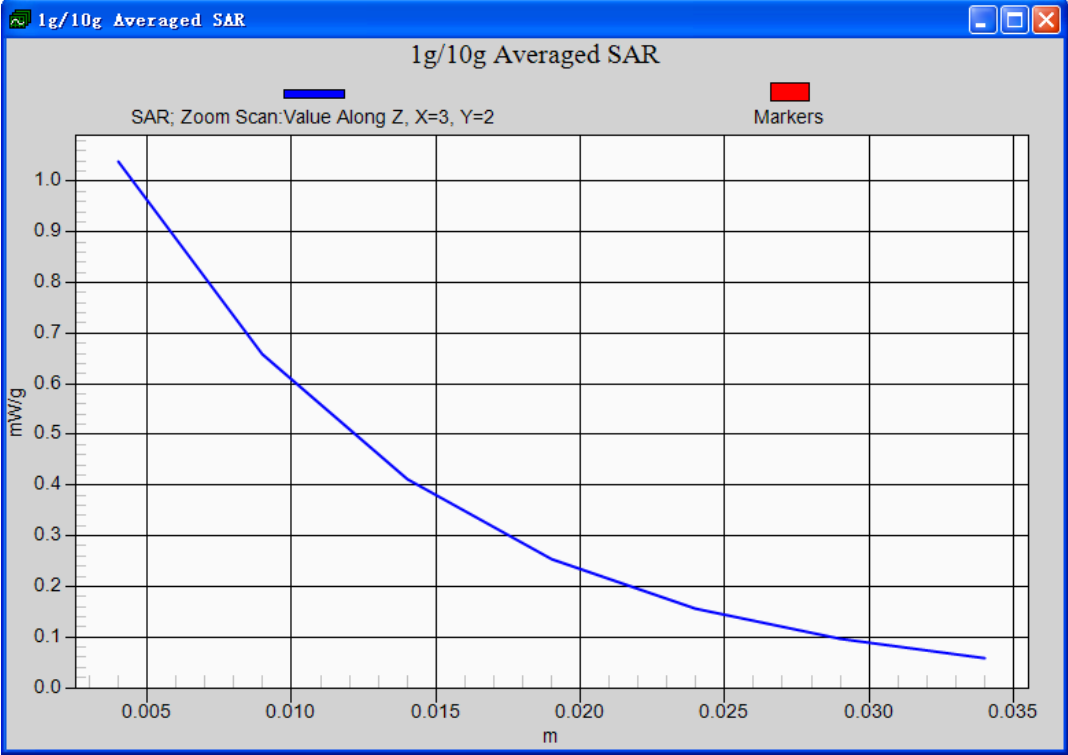




E367u-8 front side –WCDMA Band II with HSDPA Channel 9262



E367u-8 front side –WCDMA Band II with HSUPA Channel 9262



Annex 3 Calibration parameters

Calibration parameters are described in the additional document:

**Appendix to test report no. SYBH(Z-SAR)018102010-2
Calibration data, Phantom certificate
and detail information of the DASY5 System**

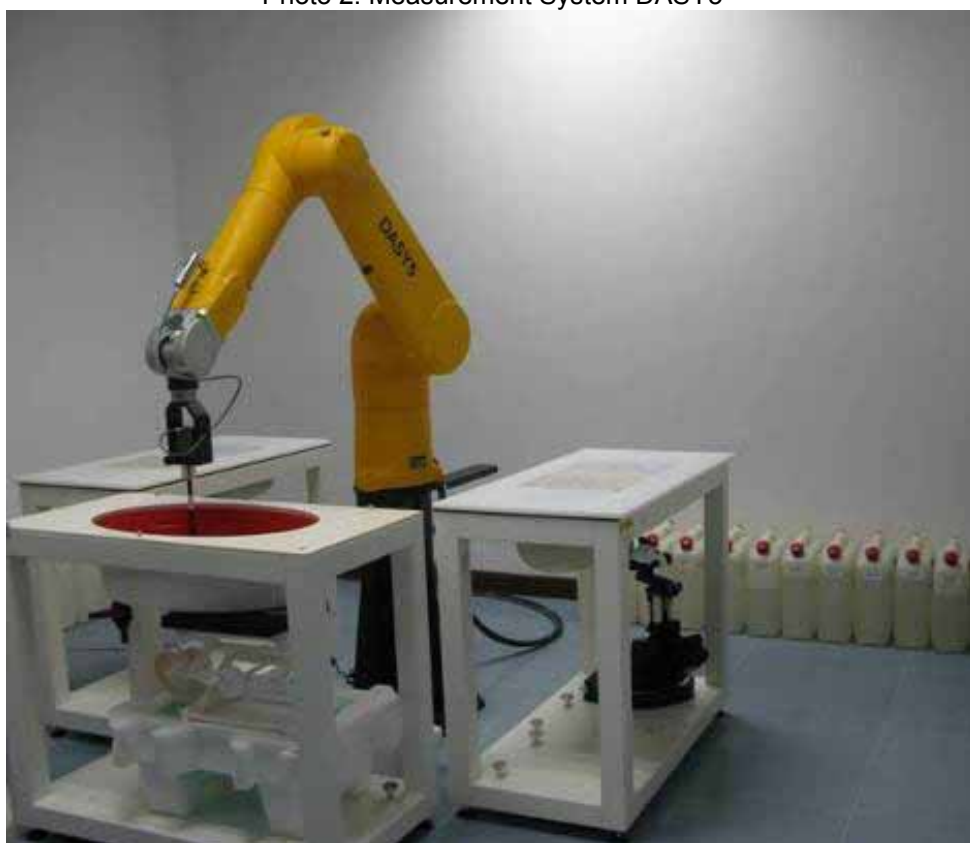
Annex 4 Photo documentation

Annex 4.1 Test Facility

Photo 1: Measurement System DASY5



Photo 2: Measurement System DASY5



Annex 4.2 Host Laptop Computer And USB Cable

Photo 3: Lenovo ThinkPad T61



Photo 4: Lenovo ThinkPad X301

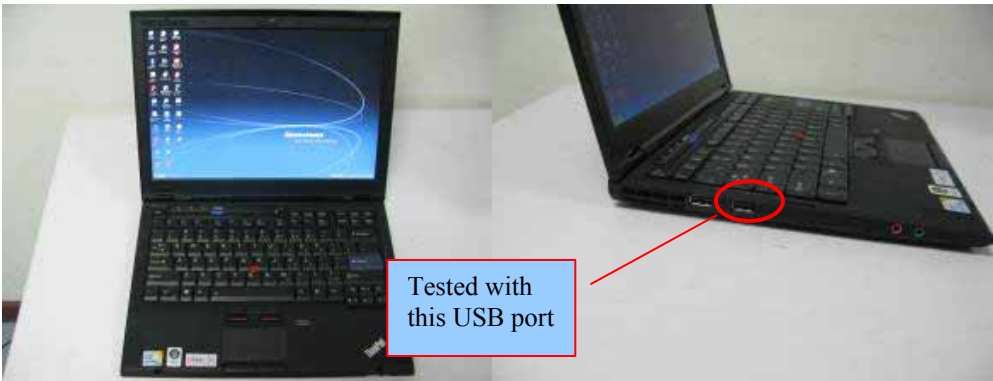


Photo 5: 19cm USB cable

