

**Conducted noise according to:
EN 55022 class B**

EUT: Workstation Celsius Mobile 810
Manufacturer: Fujitsu Siemens Computers
Operating Condition: Scroll. "H"; 1024x768/100 Hz; HD/CD-Test
Test Site: Fujitsu Siemens Augsburg (shielded room # 1)
Operator: M. Rothtauscher
Configuration: full configuration
Comment: Mains: 115V/60Hz; Monitor power from peripheral device-LISN
Start of Test: 06.09.00 / 11:02:46

SCAN TABLE: "Volt_015-30MHZ"

Unit: dB μ V

Detector: Mode:

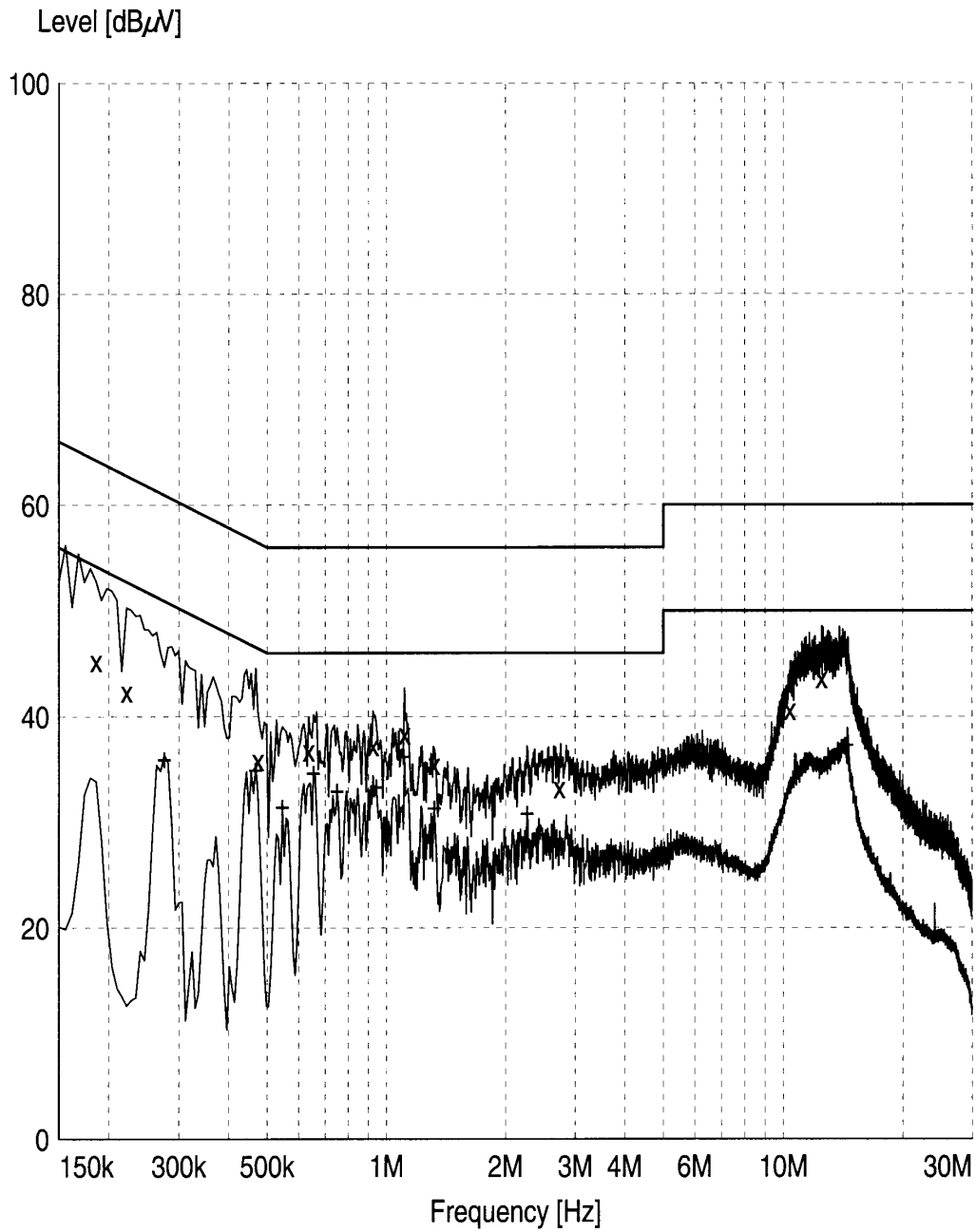
Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

Subrange 1:

Start Frequency: 150.0 kHz Step Size: 6.0 kHz
Stop Frequency: 30.0 MHz
Measure Time: 10.0 ms
IF Bandwidth: 10 kHz

Receiver: ESHS Transducer: ESH2-Z5
Signal Path: None System Transducer: None
Meas. Mode: Lin Add. Transd. 1: ESH3-Z2
Tracking Gen.: -- Add. Transd. 2: None
Input: -- Add. Transd. 3: None

Preamplifier: Off Demodulation: A3
RF Att.: 0 dB Volume: --
Ref. Level: -- Squelch: --
Min. RF Att.: 10 dB Option: None
IF Att.: LowNoise
Autorange: On



x x MES Quasi Peak
 + + MES Average
 — MES Preview Peak
 — MES Preview AV
 — LIM EN 55022/B V QP
 — LIM EN 55022/B V AV

MEASUREMENT RESULT: "Quasi Peak"

06.09.00 11:17

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Line	PE
0.186000	45.30	10.0	64	18.9	N	GND
0.222000	42.40	10.0	63	20.3	N	GND
0.474000	35.90	10.0	56	20.6	L1	GND
0.636000	36.80	10.0	56	19.2	N	GND
0.924000	37.30	10.0	56	18.7	L1	GND
1.110000	38.40	10.0	56	17.6	N	GND
1.320000	35.50	10.0	56	20.5	N	GND
2.736000	33.30	10.0	56	22.7	L1	GND
10.392000	40.70	10.0	60	19.3	L1	GND
12.474000	43.70	10.0	60	16.3	L1	GND

MEASUREMENT RESULT: "Average"

06.09.00 11:17

Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Line	PE
0.276000	36.20	10.0	51	14.7	L1	GND
0.468000	35.20	10.0	47	11.4	N	GND
0.546000	31.70	10.0	46	14.3	L1	GND
0.654000	34.90	10.0	46	11.1	N	GND
0.750000	33.20	10.0	46	12.8	L1	GND
0.942000	33.60	10.0	46	12.4	L1	GND
1.104000	36.50	10.0	46	9.5	L1	GND
1.320000	31.60	10.0	46	14.4	L1	GND
2.268000	31.10	10.0	46	14.9	L1	GND
14.460000	37.60	10.0	50	12.4	L1	GND

**Radiated emission according to:
to EN55022 class B**

EUT: Workstation Celsius Mobile 810
Manufacturer: Fujitsu Siemens Computers
Operating Condition: scroll "H"; 1024x768/100 Hz; HD-CD-Peripheral-Test
Test Site: Fujitsu Siemens Augsburg (10 m Semi Anechoic Chamber)
Operator: A. Luck
Configuration: full configuration
Comment:
Start of Test: 28.08.00 / 12:42:27

SCAN TABLE: "10m/30-1000"

Short Description: 10m Field Strength
Unit: dBµV/m

Detector: Mode:

Curve 1: MaxPeak ClearWrite

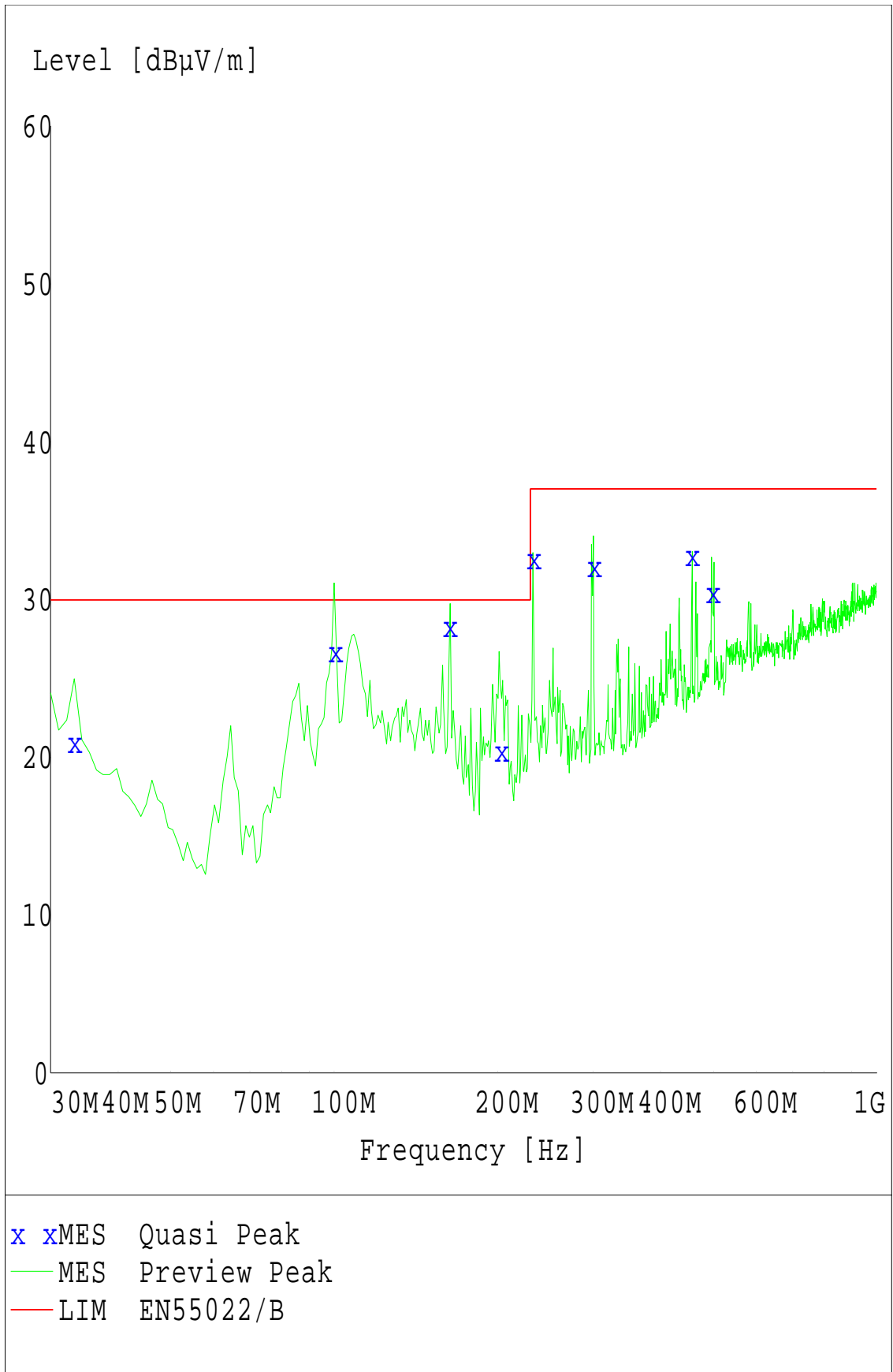
Subrange 1:

Start Frequency: 30.0 MHz Step Size: 30.0 kHz
Stop Frequency: 1.0 GHz
Measure Time: 10.0 ms
IF Bandwidth: 120 kHz

Receiver: ESXI Transducer: CBL6112 cal. 8/99
Signal Path: 2DC-CP1X1 System Transducer: RFin2-CP1/X1
Meas. Mode: Lin Add. Transd. 1: cable30-1000
Tracking Gen.: Off Add. Transd. 2: None
Input: 2DC Add. Transd. 3: None

Preamplifier: 10 dB Demodulation: AM
RF Att.: Coupled Volume: 70 %
Ref. Level: -60.0 dBm Squelch: --
Min. RF Att.: 0 dB Option: None
IF Att.: --
Autorange: On

Curve 1: On Repetition: Single
Stop Mark: Off
Stop Message: Off
Stop Message:



MEASUREMENT RESULT: "Quasi Peak"

28.08.00 13:28

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
33.090000	20.90	16.6	30.0	9.1	100.0	0.00	VERTICAL
100.080000	26.70	11.3	30.0	3.3	160.0	330.00	VERTICAL
162.720000	28.30	10.6	30.0	1.7	100.0	150.00	VERTICAL
202.260000	20.40	10.3	30.0	9.6	340.0	300.00	HORIZONTAL
231.990000	32.60	10.5	37.0	4.4	340.0	270.00	HORIZONTAL
300.210000	32.10	14.7	37.0	4.9	400.0	300.00	HORIZONTAL
455.700000	32.80	18.7	37.0	4.2	340.0	0.00	VERTICAL
496.350000	30.50	19.5	37.0	6.5	400.0	210.00	VERTICAL

**Radiated emission according to:
to FCC class B**

EUT: Workstation Celsius Mobile 810
Manufacturer: Fujitsu Siemens Computers
Operating Condition: scroll "H"; 1024x768/100 Hz; HD-CD-Peripheral-Test
Test Site: Fujitsu Siemens Augsburg (10 m Semi Anechoic Chamber)
Operator: A. Luck
Configuration: full configuration
Comment:
Start of Test: 04.09.00 / 14:15:33

SCAN TABLE: "FCC1-5GHz"

Short Description: 3m Messung FCC 1 bis 5 GHz
Unit: dBµV/m

Detector: Mode:

Curve 1: MaxPeak MaxHold
Curve 2: Average MaxHold

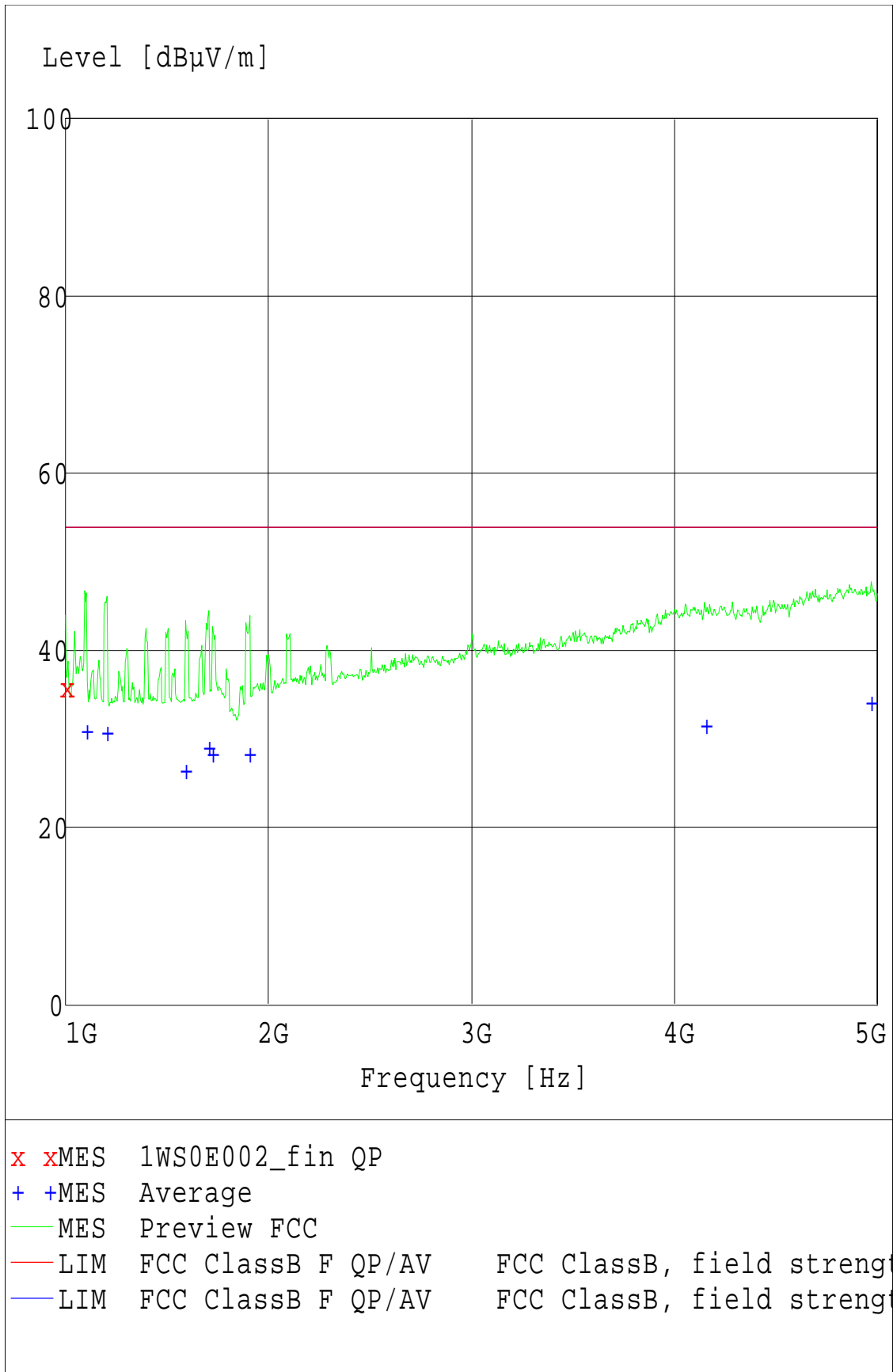
Subrange 1:

Start Frequency: 1.0 GHz Step Size: 300.0 kHz
Stop Frequency: 5.0 GHz
Measure Time: 10.0 ms
IF Bandwidth: 1 MHz

Receiver: ESXI Transducer: Tensor call2-99
Signal Path: 2DC-CP7X1 System Transducer: RFin2-CP7/X1
Meas. Mode: Lin Add. Transd. 1: Rosenberger 8m
Tracking Gen.: Off Add. Transd. 2: None
Input: 2DC Add. Transd. 3: None

Preamplifier: 10 dB Demodulation: AM
RF Att.: Coupled Volume: 70 %
Ref. Level: -40.0 dBm Squelch: --
Min. RF Att.: 0 dB Option: None
IF Att.: --
Autorange: On

Curve 1: On Repetition: Single
Curve 2: On Stop Mark: Off
Stop Message: Off
Stop Message:



MEASUREMENT RESULT: "1WS0E002_fin QP"

04.09.00 14:54

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1000.300000	36.00	7.8	53.9	17.9	100.0	29.00	VERTICAL

MEASUREMENT RESULT: "Average"

04.09.00 14:54

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
1100.800000	31.00	8.6	53.9	22.9	100.0	180.00	HORIZONTAL
1200.700000	30.80	9.2	53.9	23.1	100.0	29.00	VERTICAL
1588.300000	26.60	10.1	53.9	27.3	100.0	210.00	HORIZONTAL
1701.400000	29.10	11.2	53.9	24.8	100.0	180.00	HORIZONTAL
1720.600000	28.40	11.5	53.9	25.5	100.0	330.00	HORIZONTAL
1900.900000	28.40	11.2	53.9	25.5	100.0	29.00	HORIZONTAL
4152.100000	31.60	18.8	53.9	22.3	200.0	239.00	HORIZONTAL
4965.700000	34.20	20.8	53.9	19.7	300.0	150.00	HORIZONTAL