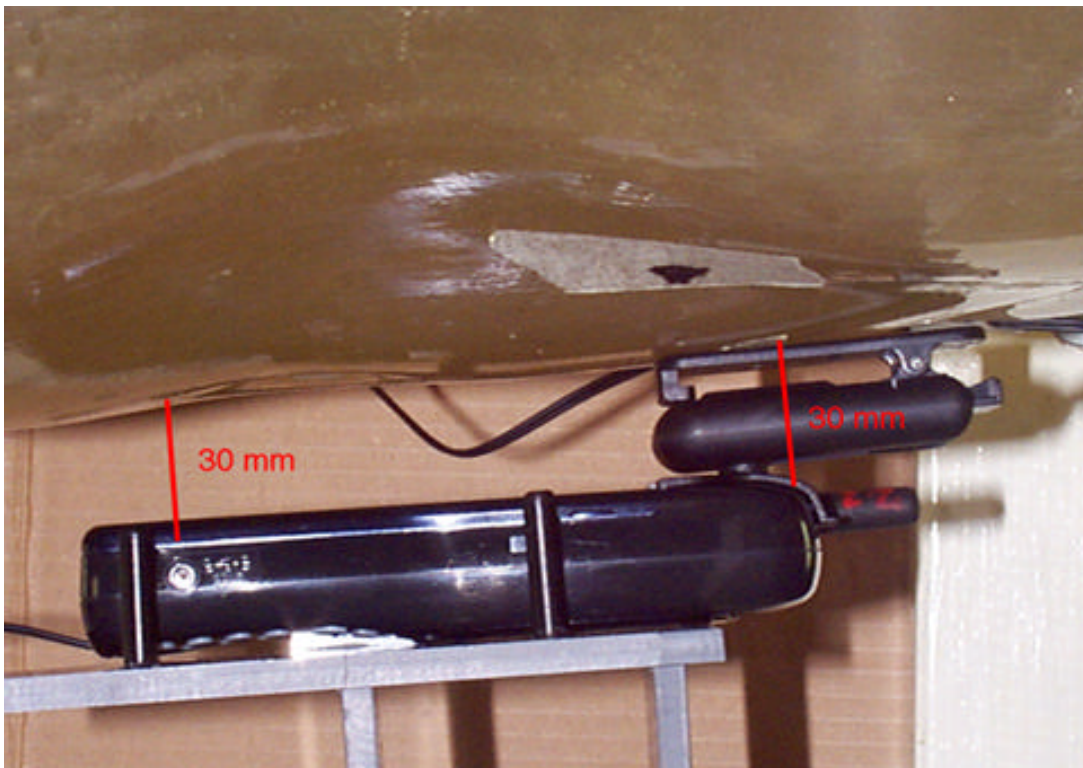
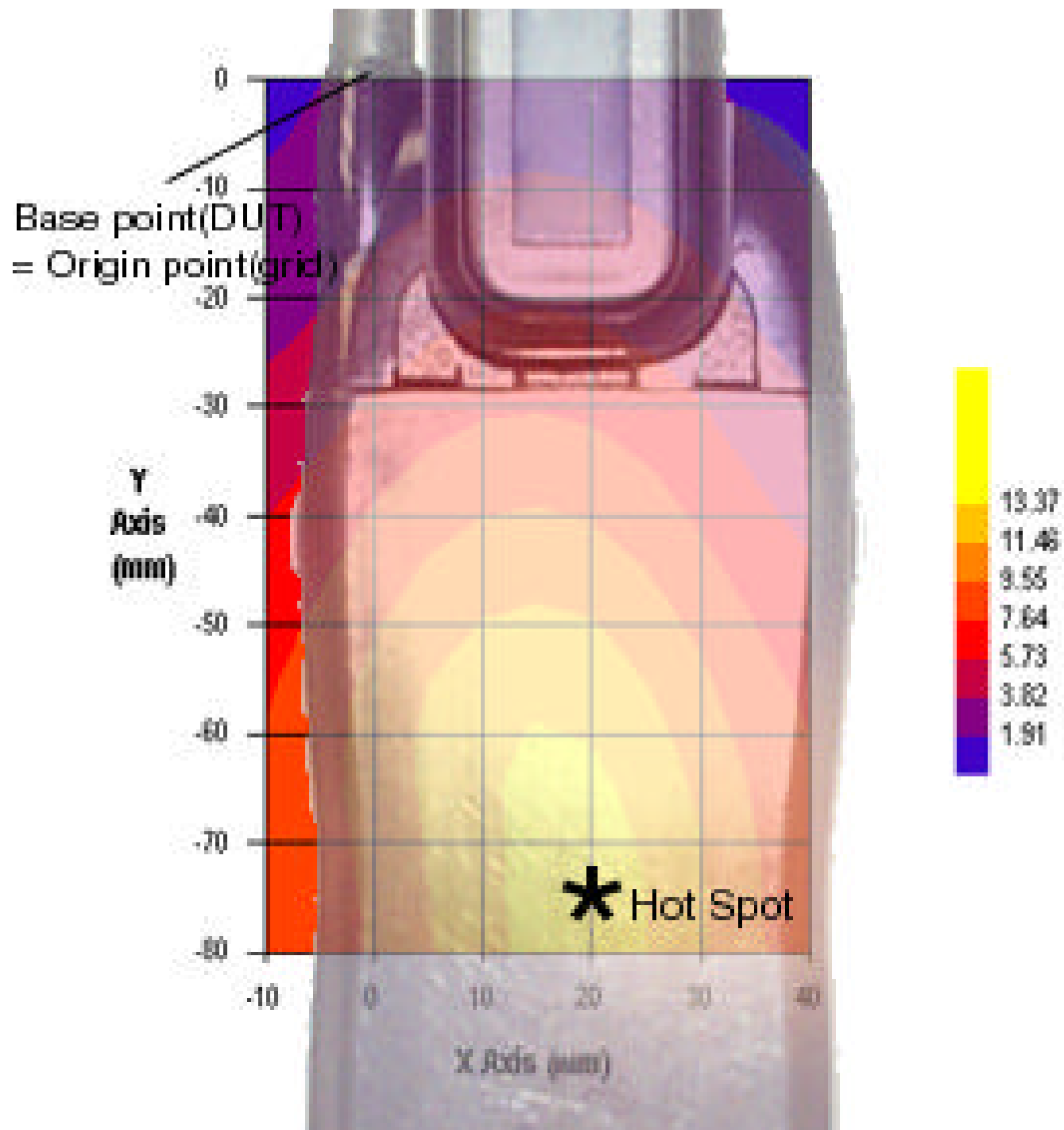


Positioning of D.U.T.

The surface of the D.U.T. is always in parallel with the phantom's shell and accessories (belt-clip and head-set) are equipped as shown below.





Index of the measurements

The following results of measurement are ordered as listed below.

D.U.T with low capacity battery

A800 mode

@ low frequency	(SAR:0.67)
@ middle frequency	(0.60)
@ high frequency	(0.65)

D800 mode

@ low frequency	(0.23)
@ middle frequency	(0.21)
@ high frequency	(0.22)

D1900 mode

@ low frequency	(0.08)
@ middle frequency	(0.11)
@ high frequency	(0.09)

D.U.T. with high capacity battery

A800 mode

@ low frequency	(0.91)
@ middle frequency	(0.86)
@ high frequency	(0.91)

D800 mode

@ low frequency	(0.36)
@ middle frequency	(0.31)
@ high frequency	(0.33)

D1900 mode

@ low frequency	(0.08)
@ middle frequency	(0.11)
@ high frequency	(0.09)

D.U.T. with vibrating battery

A800 mode

@ high frequency only	(0.84)
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Electrical characteristic of Simulated tissue

Muscle tissue @ 835 MHz

Muscle tissue @ 1900 MHz

Test Information

Date : 10/26/99
Time : 10:50:15 AM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 825
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : CW

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.378
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.434

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

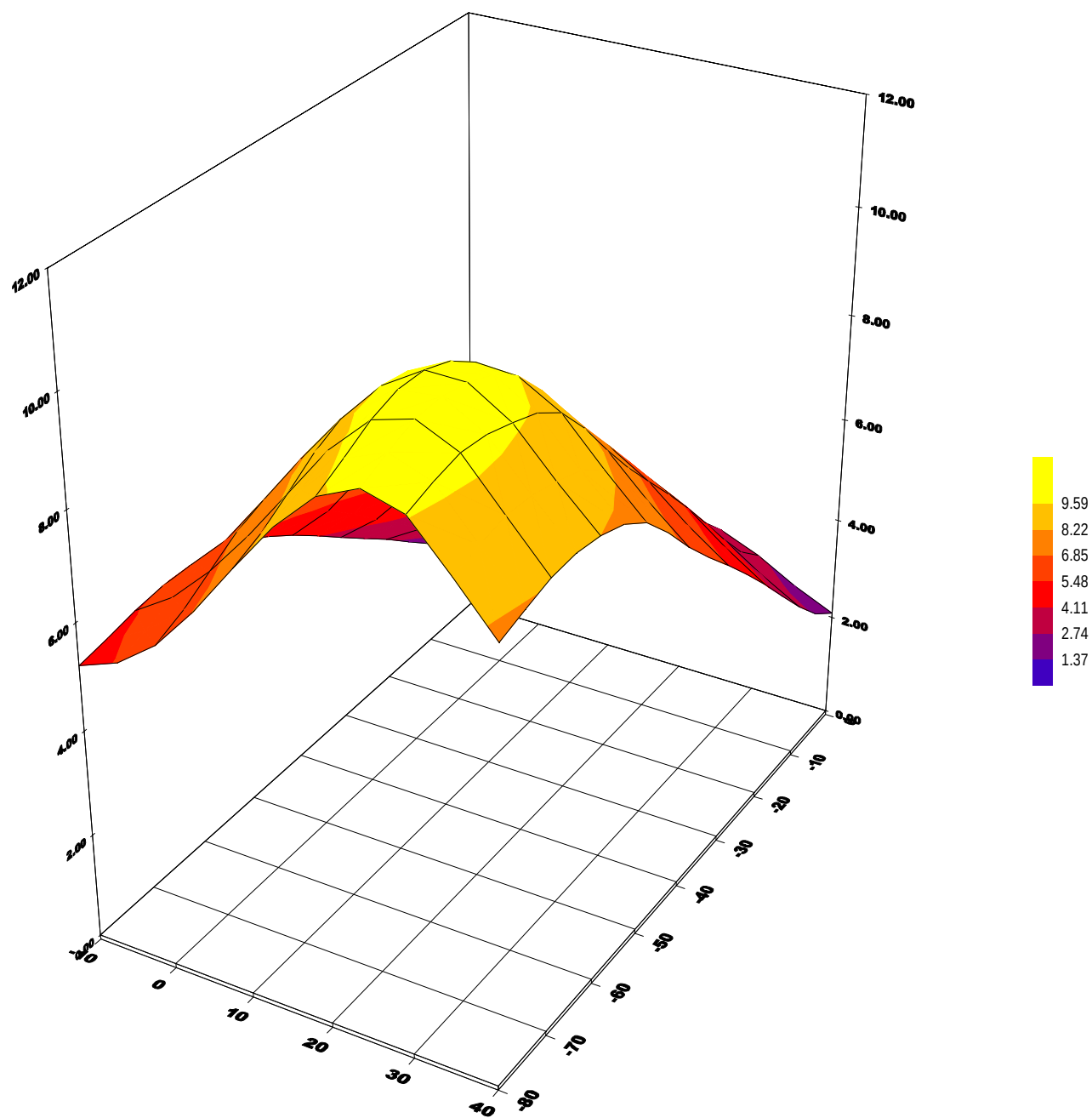
Location of Maximum Field :

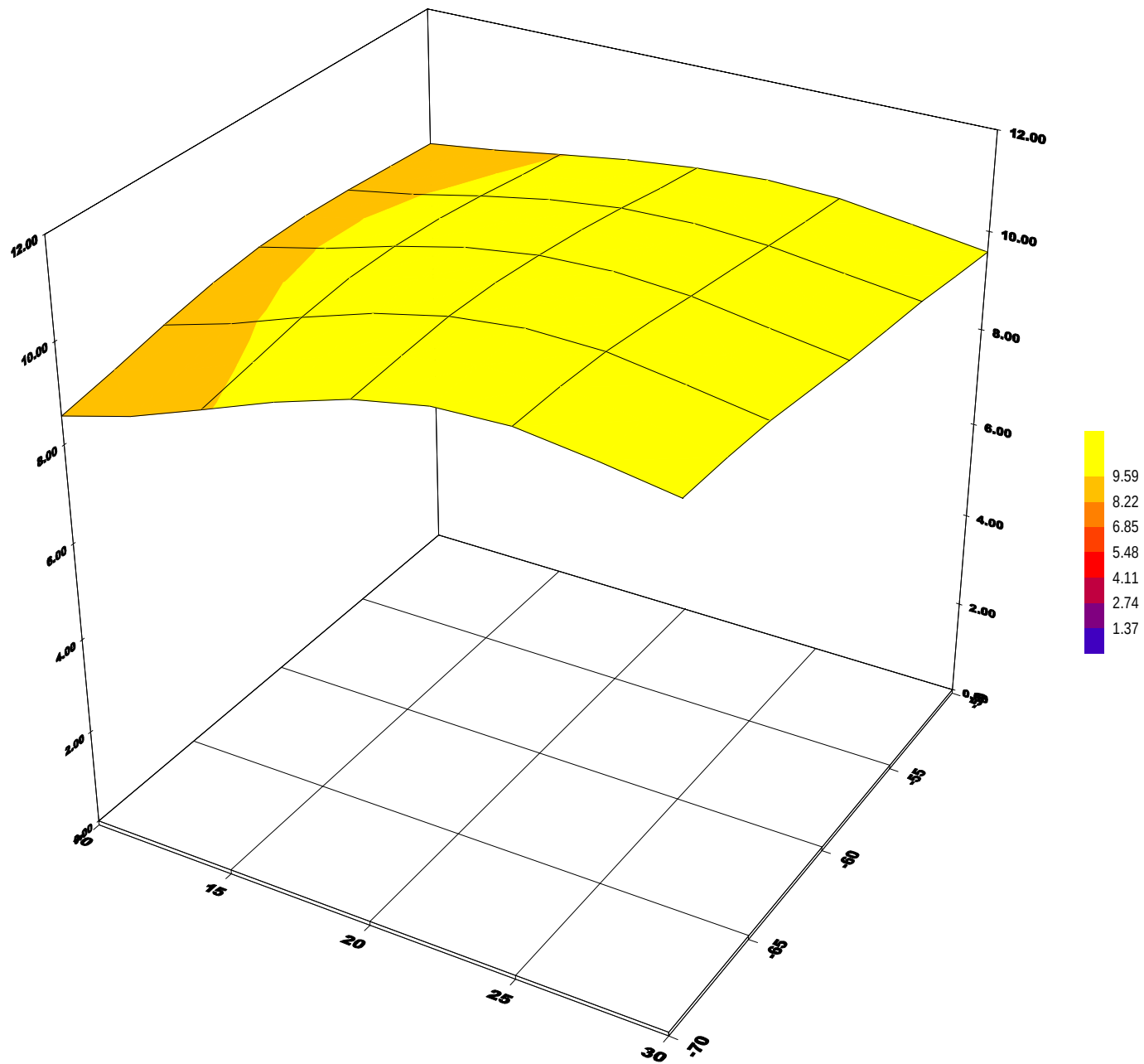
X = 25 Y = -70

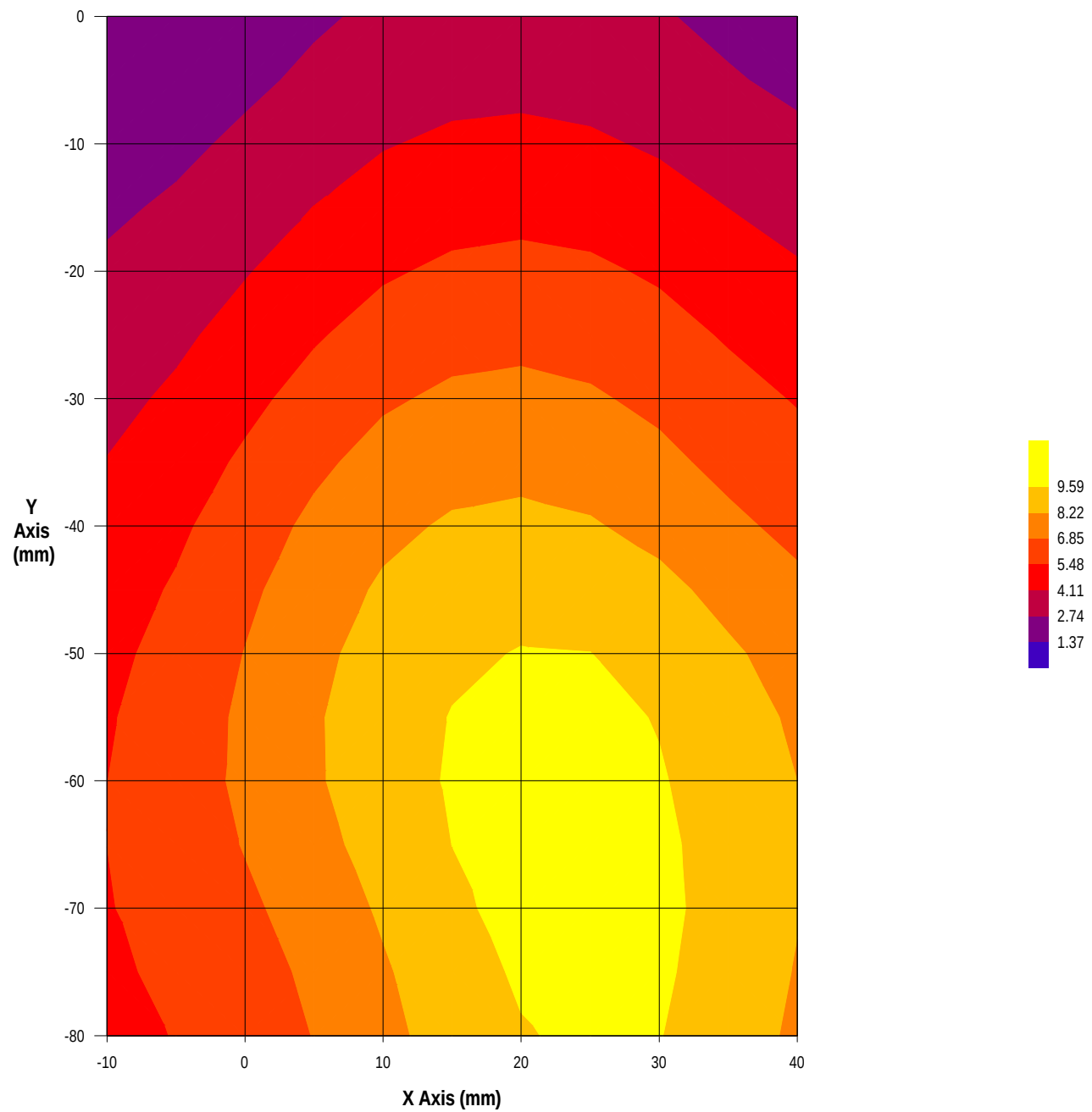
Measured Values (mV) :

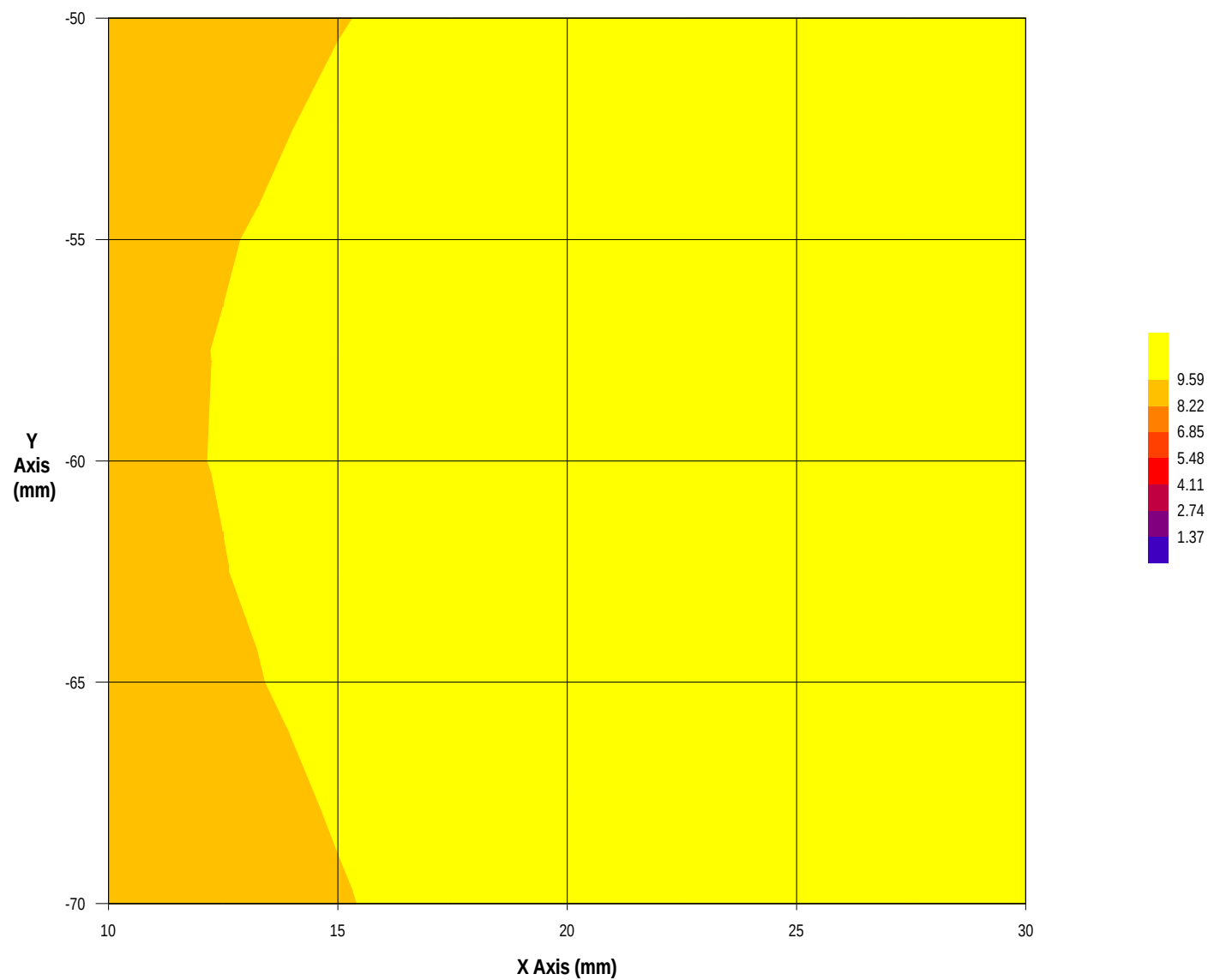
11.09	6.63	4.70	3.38	2.42	1.68
1.10	0.67	0.32	0.13	0.04	

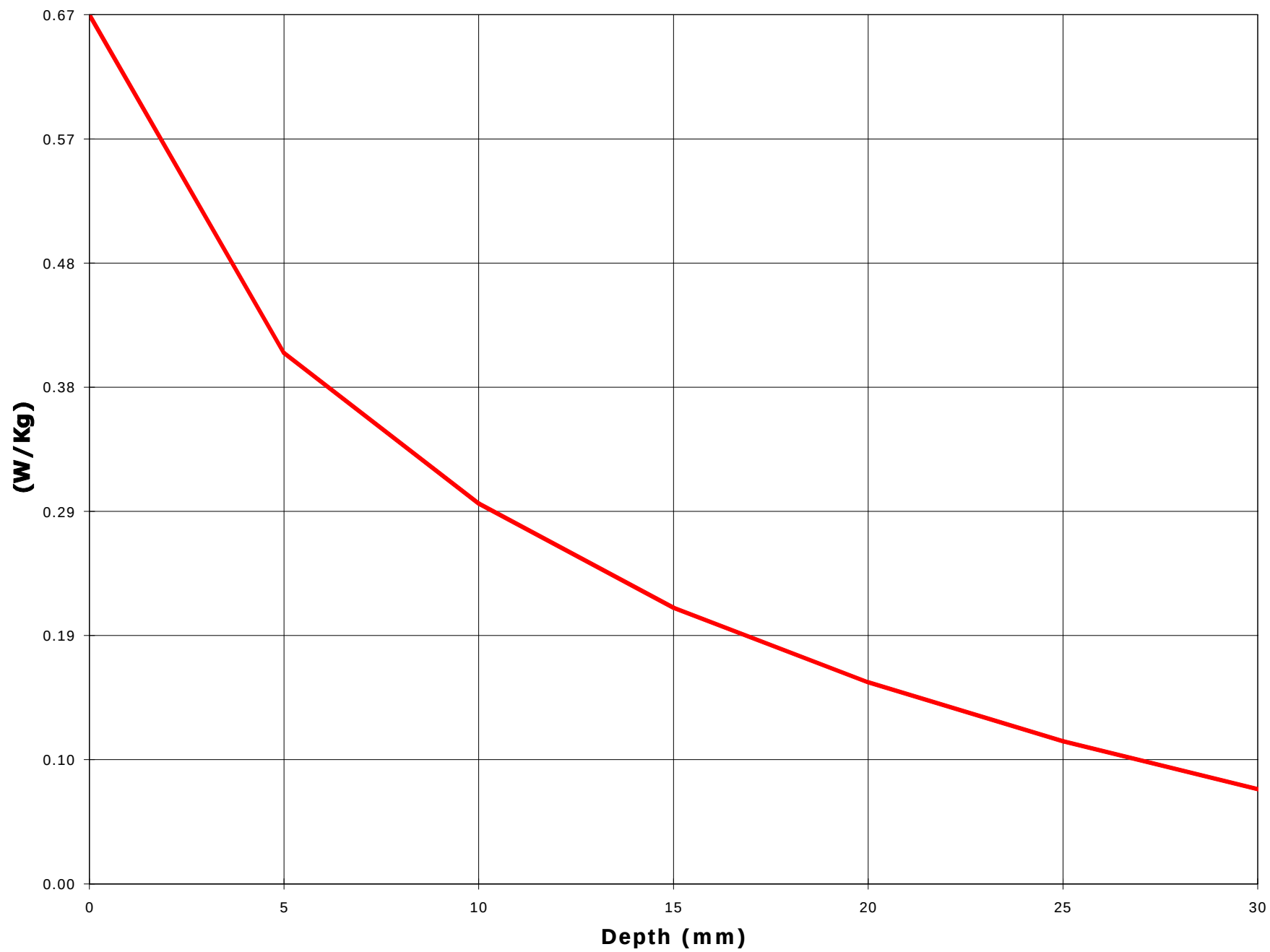
Peak Voltage (mV) : 14.38 1 Cm Voltage (mV) : 5.74 SAR (W/Kg) : 0.67











Test Information

Date : 10/26/99
Time : 11:06:29 AM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 837
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : CW

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.381
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.437

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

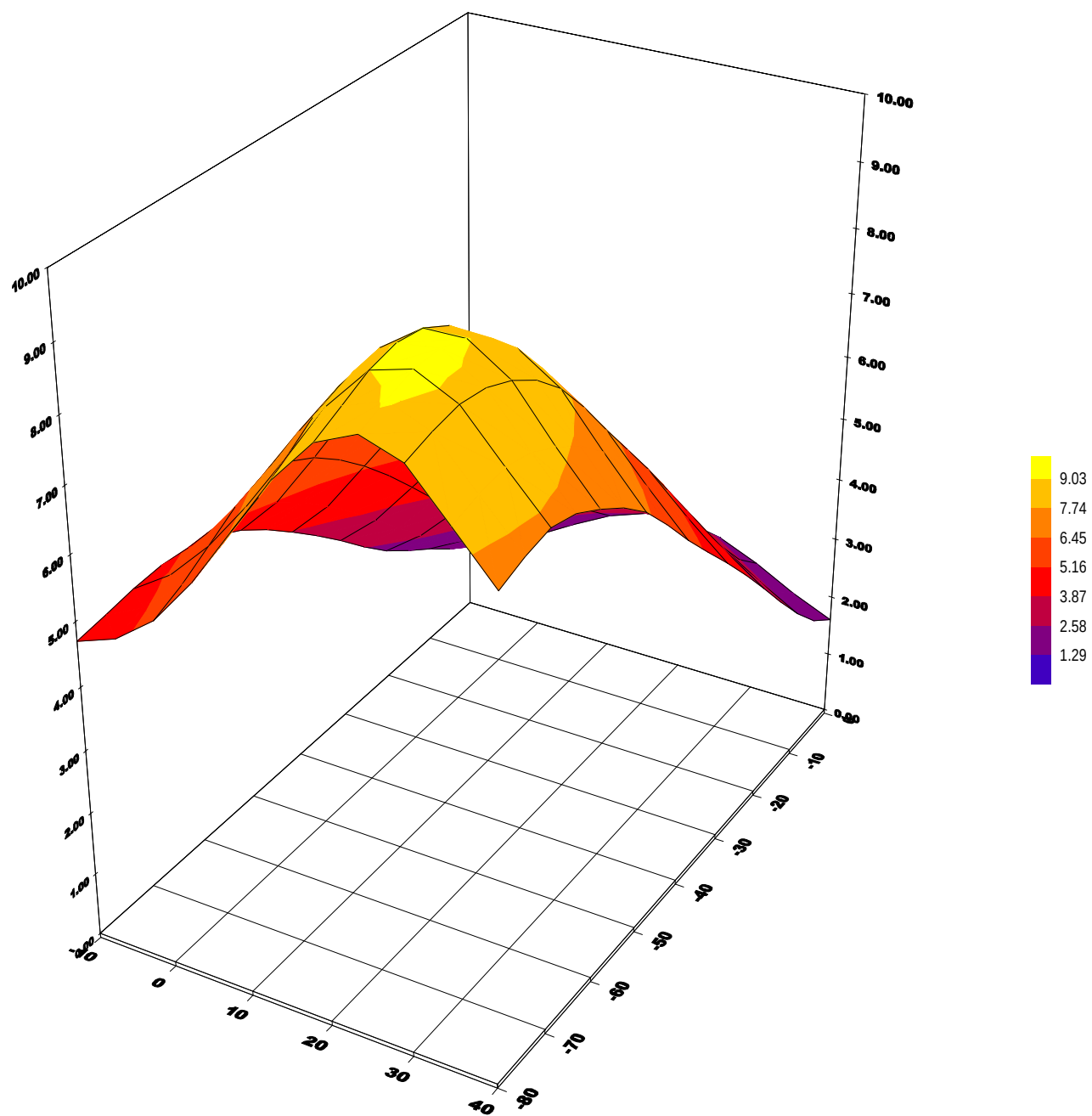
Location of Maximum Field :

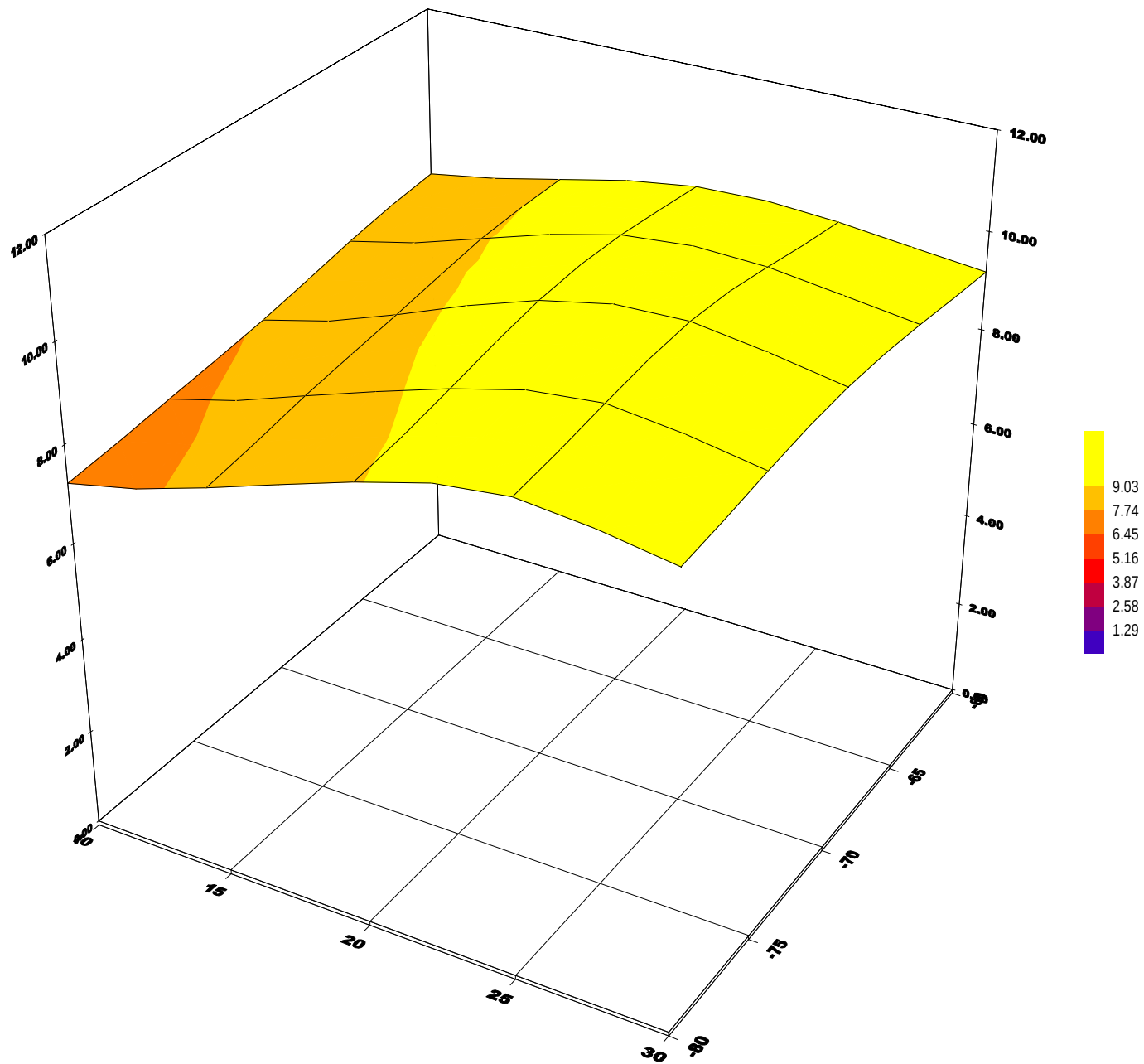
X = 25 Y = -70

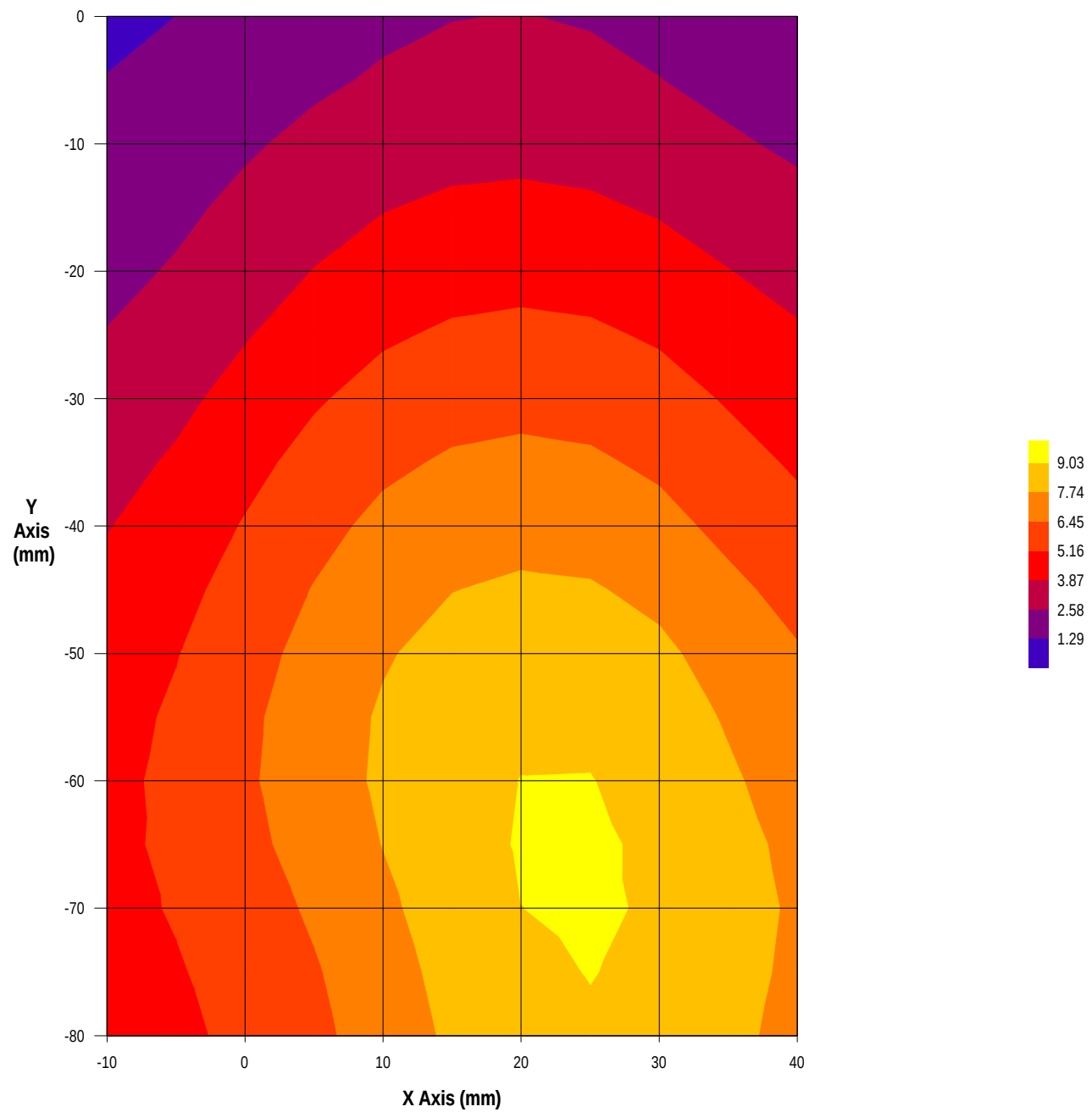
Measured Values (mV) :

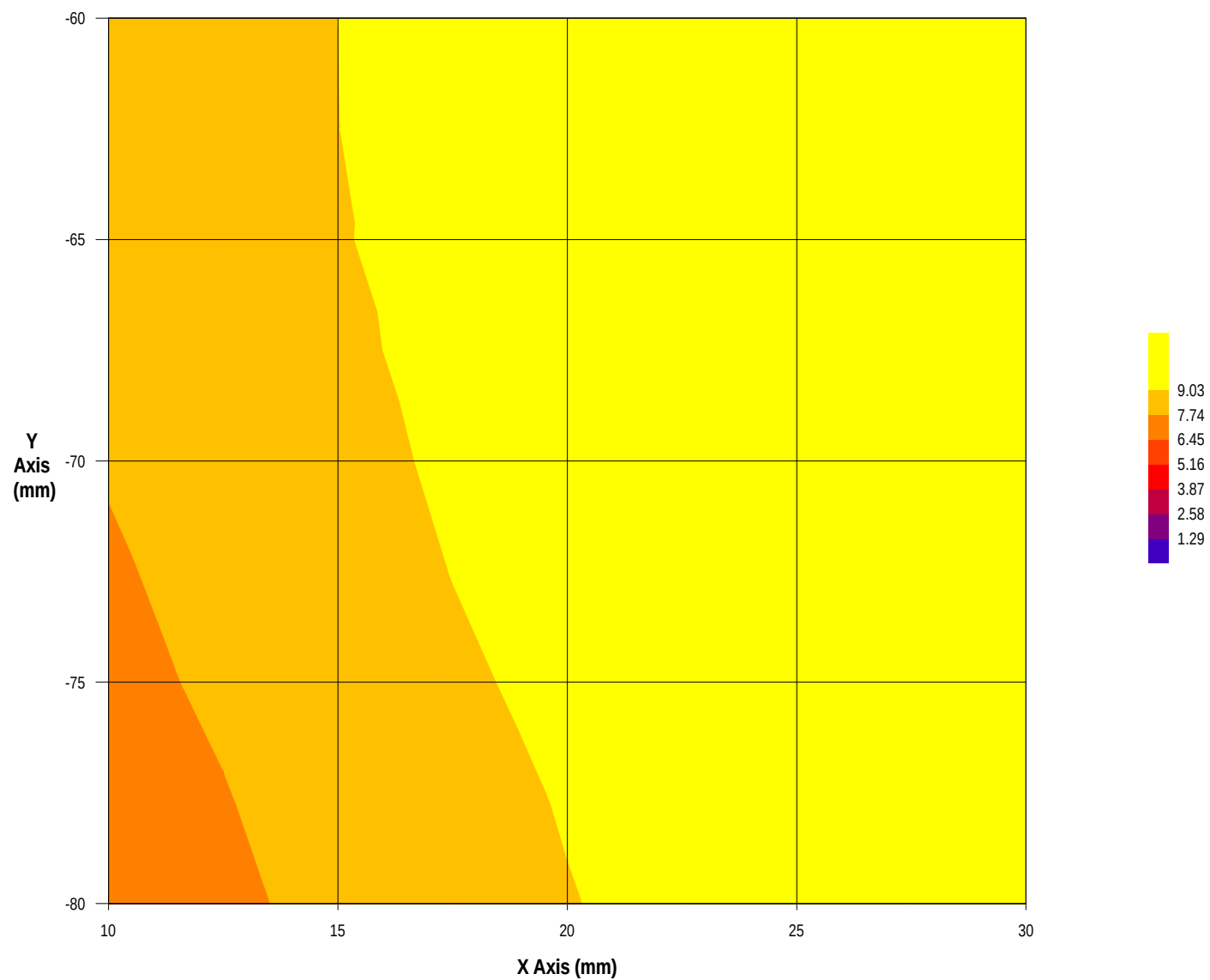
10.03	5.90	4.23	2.94	2.13	1.42
0.87	0.52	0.25	0.10	0.02	

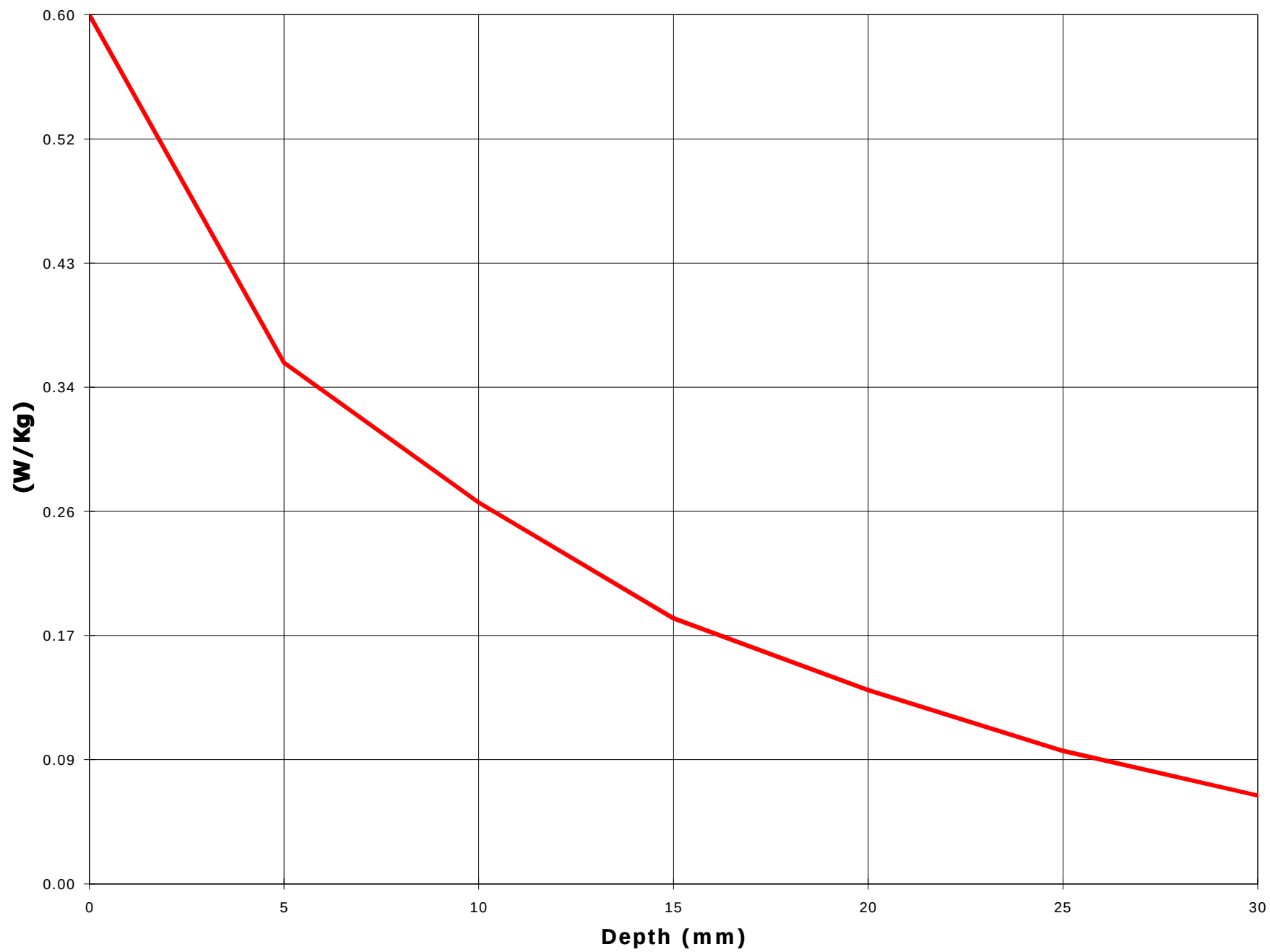
Peak Voltage (mV) : 13.03 1 Cm Voltage (mV) : 5.20 SAR (W/Kg) : 0.60











Test Information

Date : 10/26/99

Time : 11:24:36 AM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 849
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : CW

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.377
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.433

Amplifier Setting :

Channel 1 : 0.0045

Channel 2 : 0.0039

Channel 3 : 0.0031

Location of Maximum Field :

X = 25

Y = -75

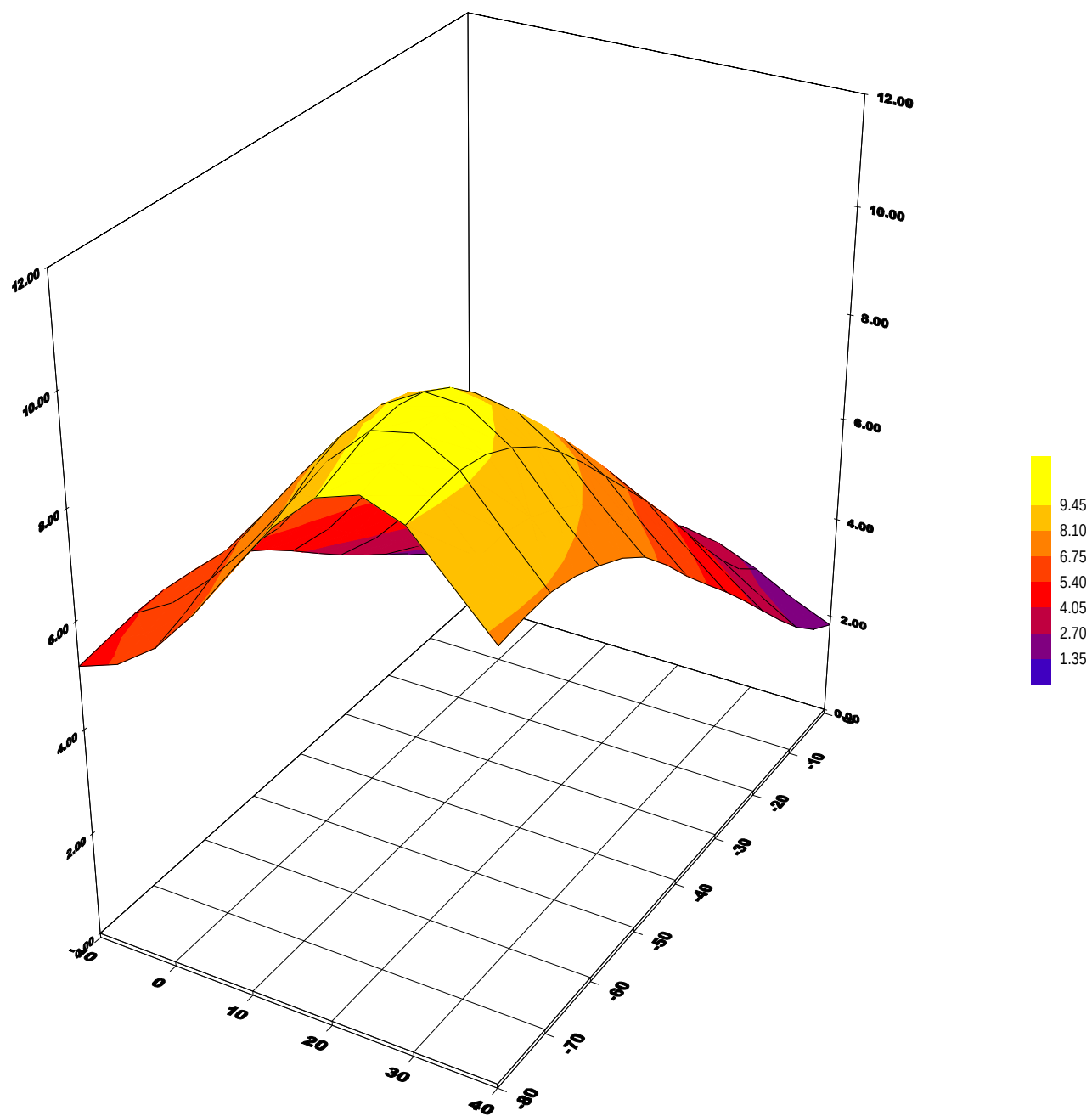
Measured Values (mV) :

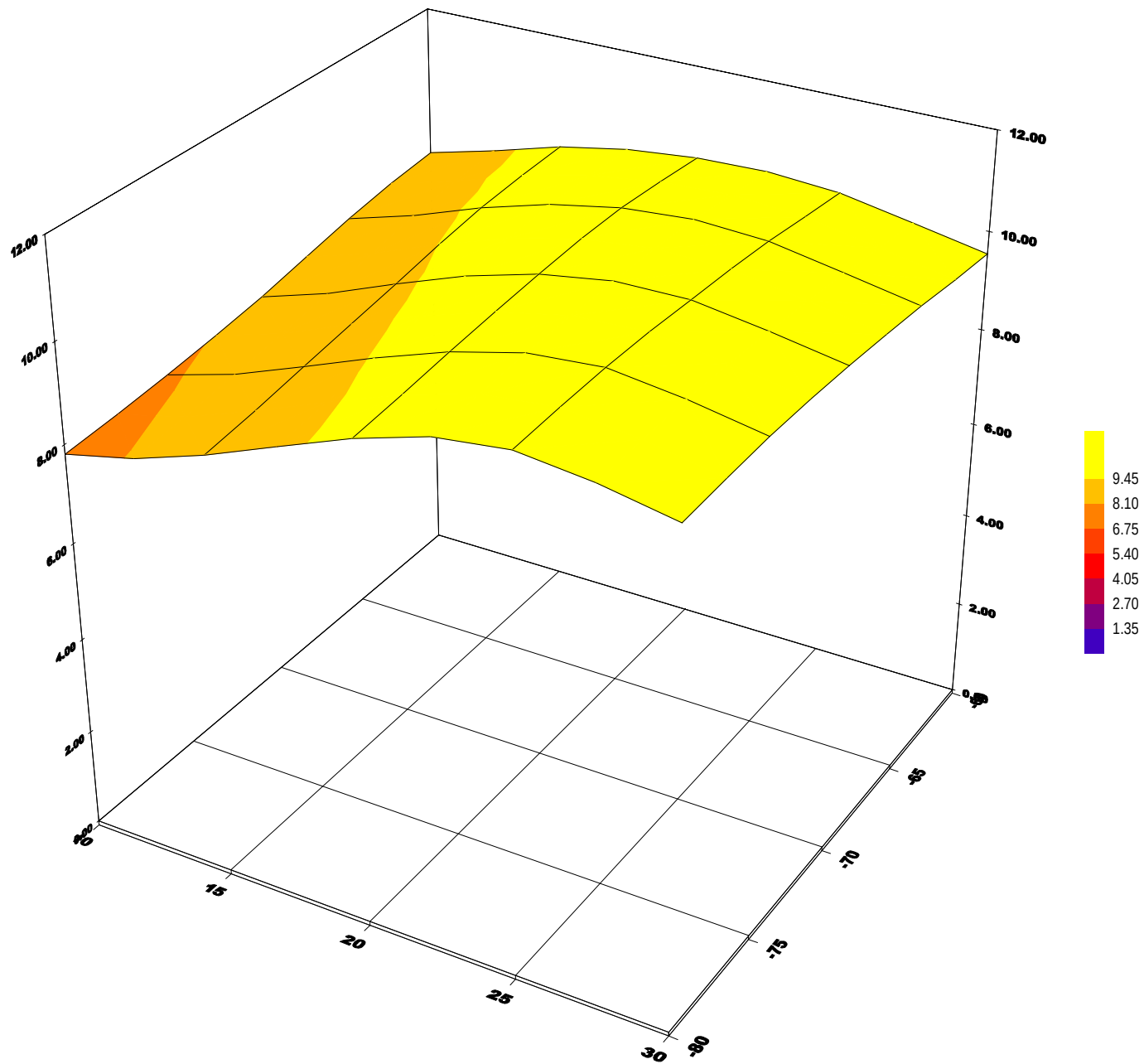
10.72	6.21	4.33	3.05	2.10	1.42
0.89	0.48	0.21	0.08	0.00	

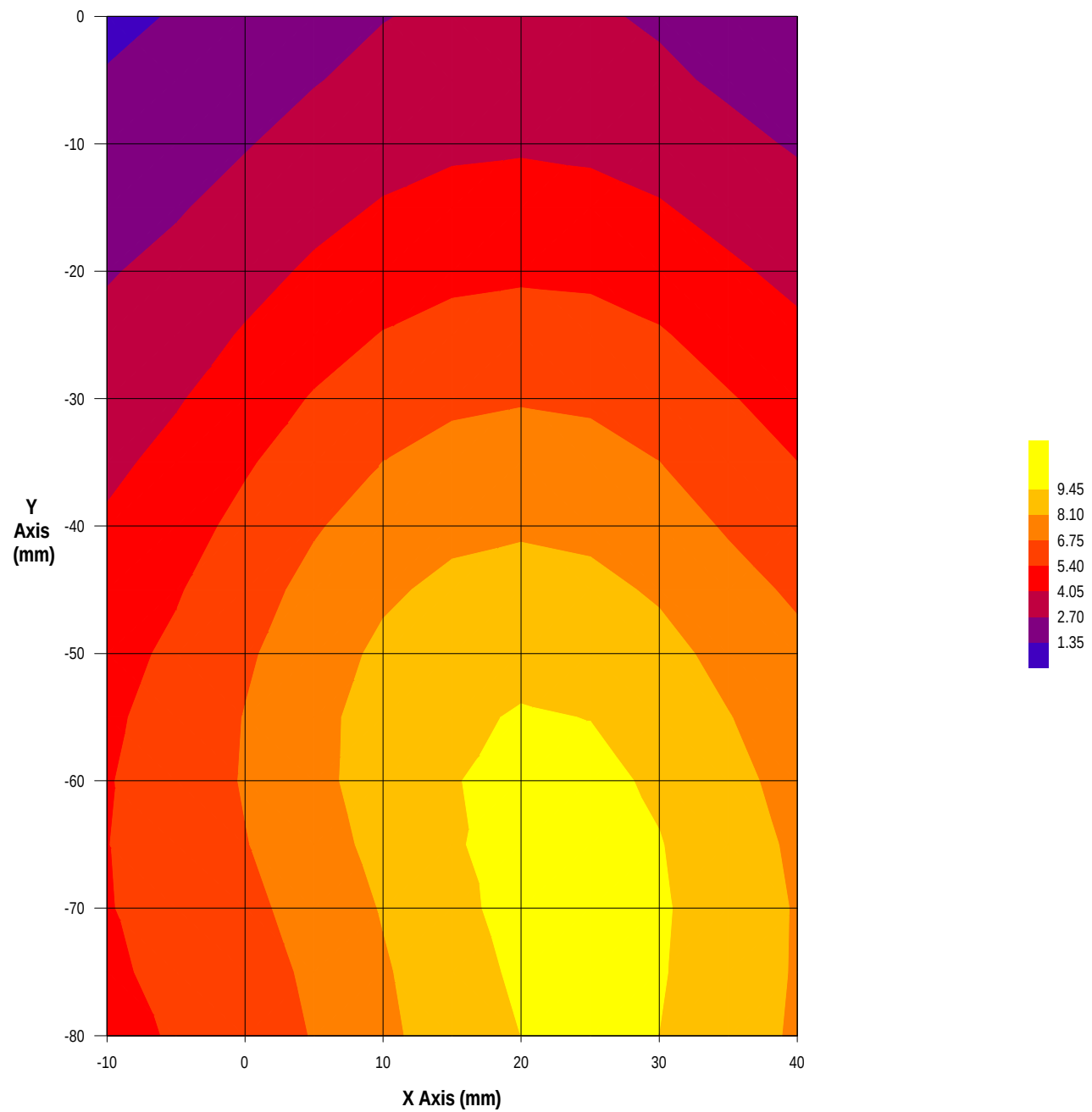
Peak Voltage (mV) : 14.10

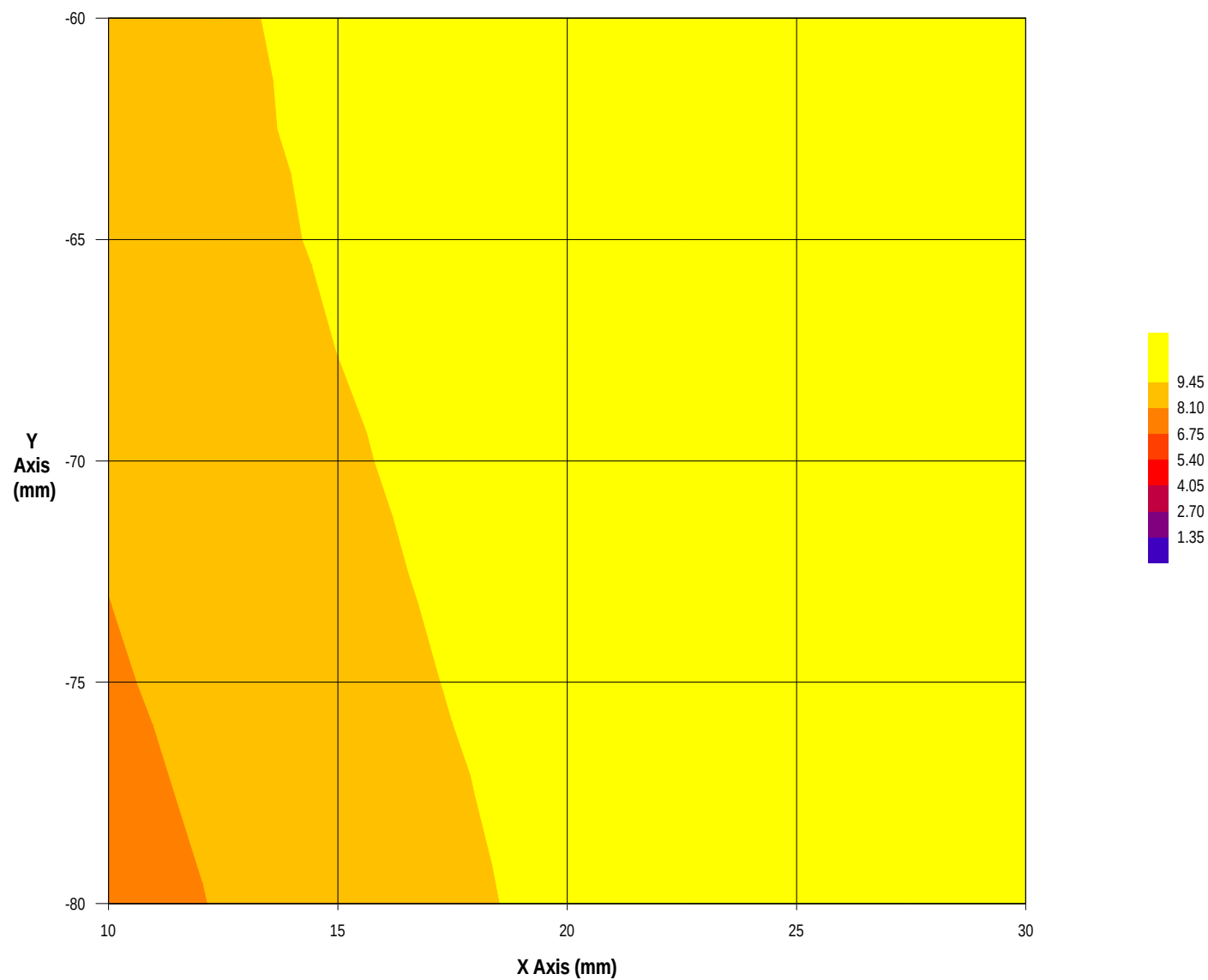
1 Cm Voltage (mV) : 5.39

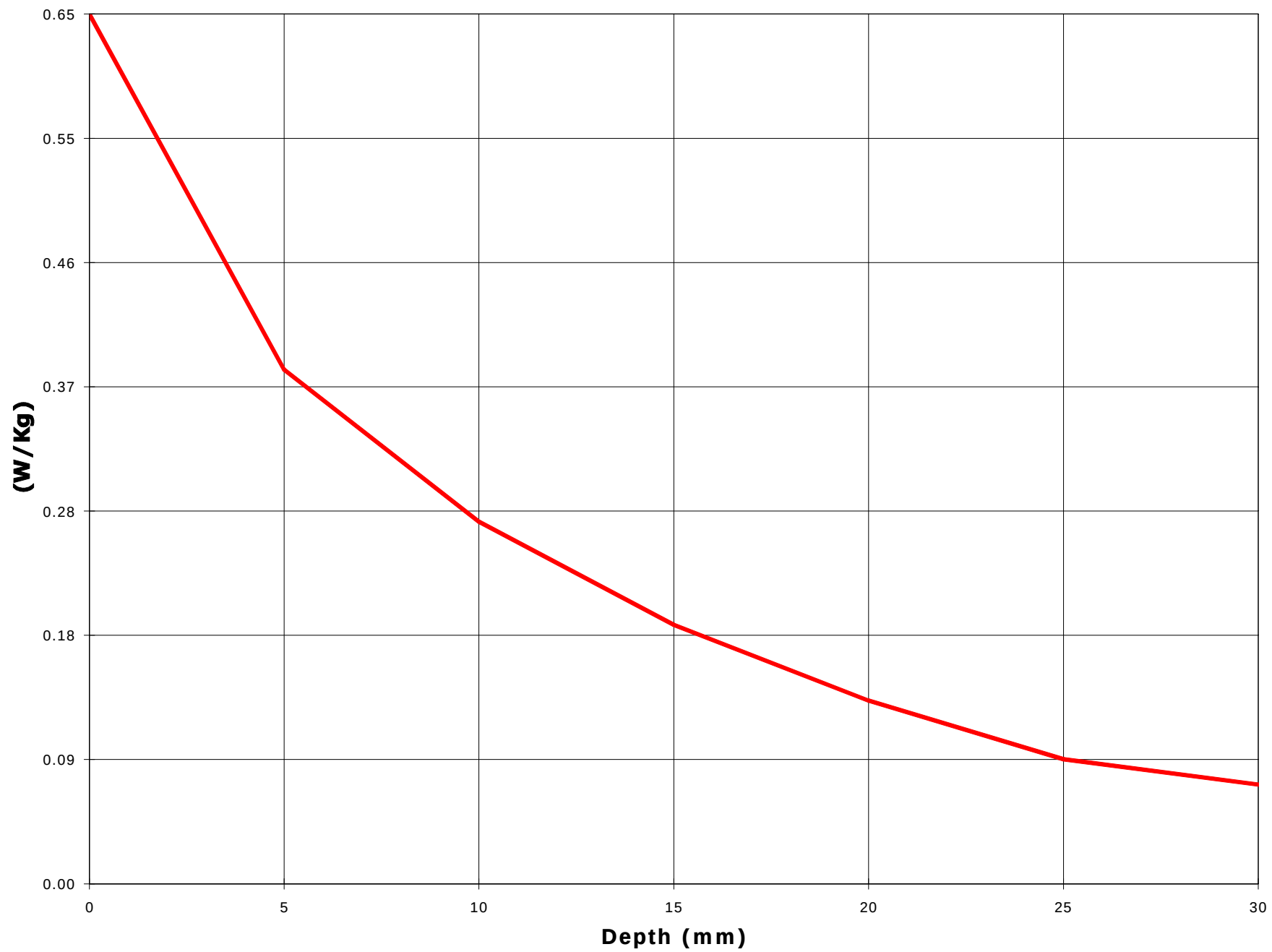
SAR (W/Kg) : 0.65











Test Information

Date : 10/26/99
Time : 9:59:25 AM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 825
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.145
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.166

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

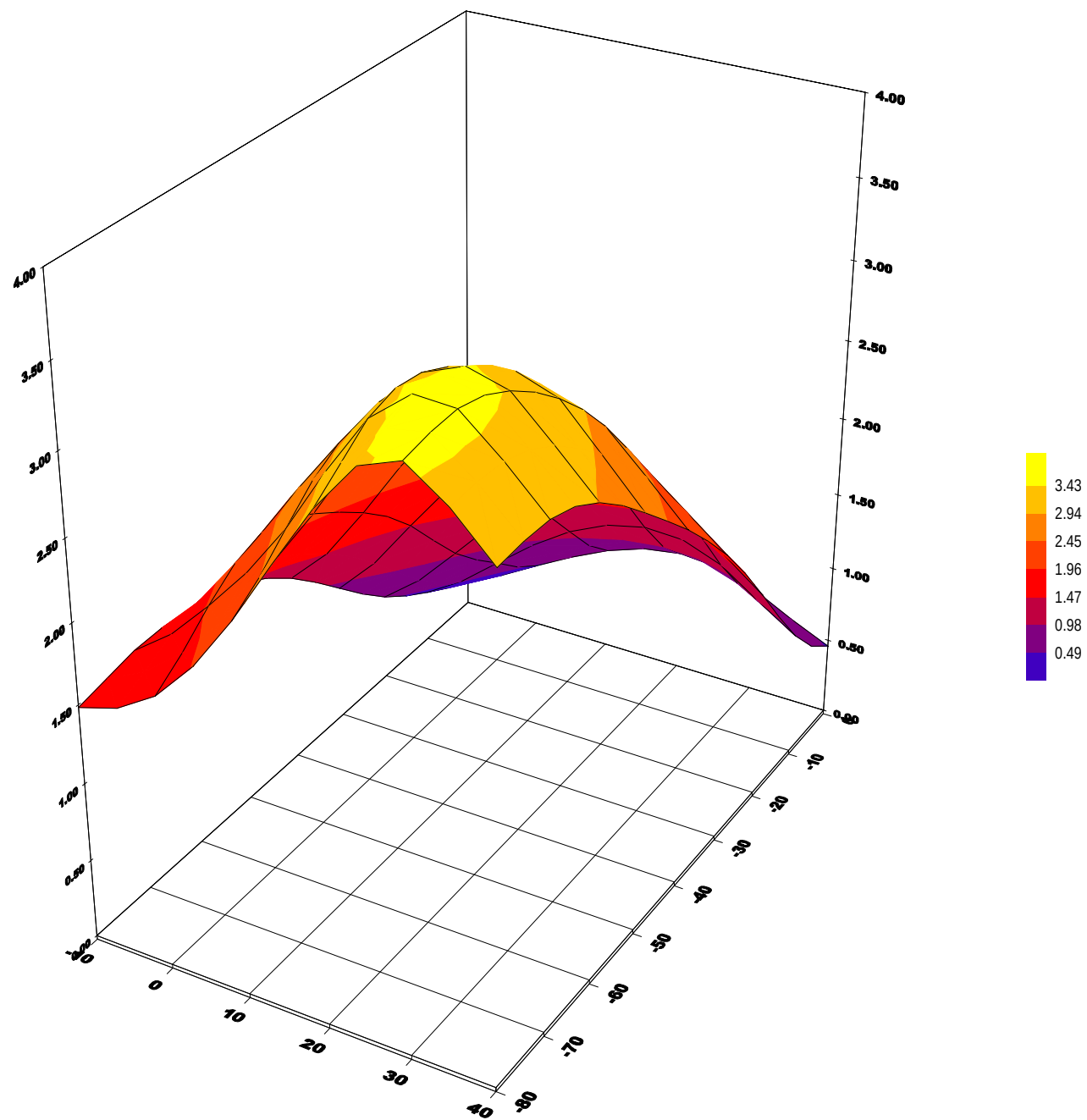
Location of Maximum Field :

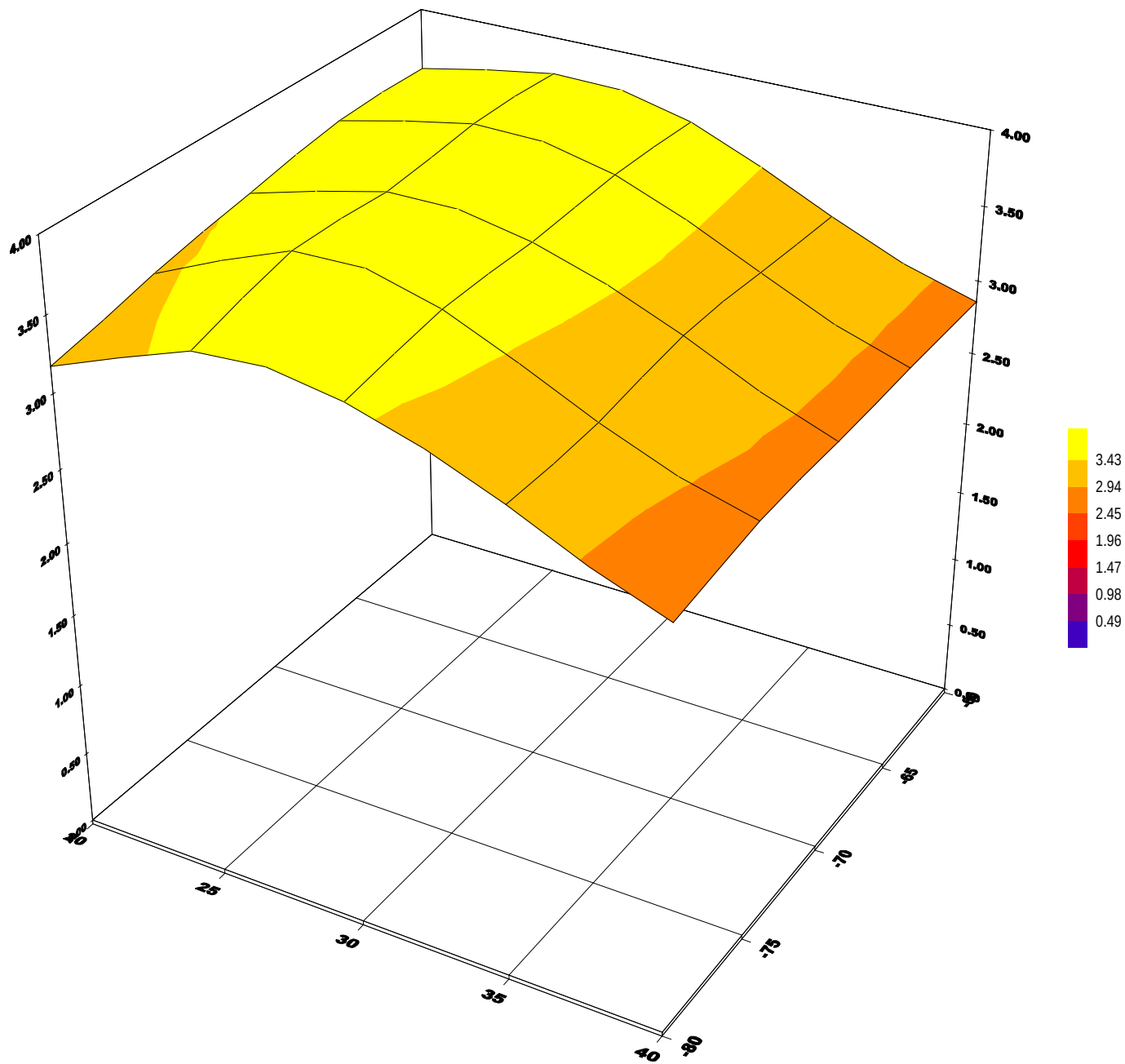
X = 25 Y = -75

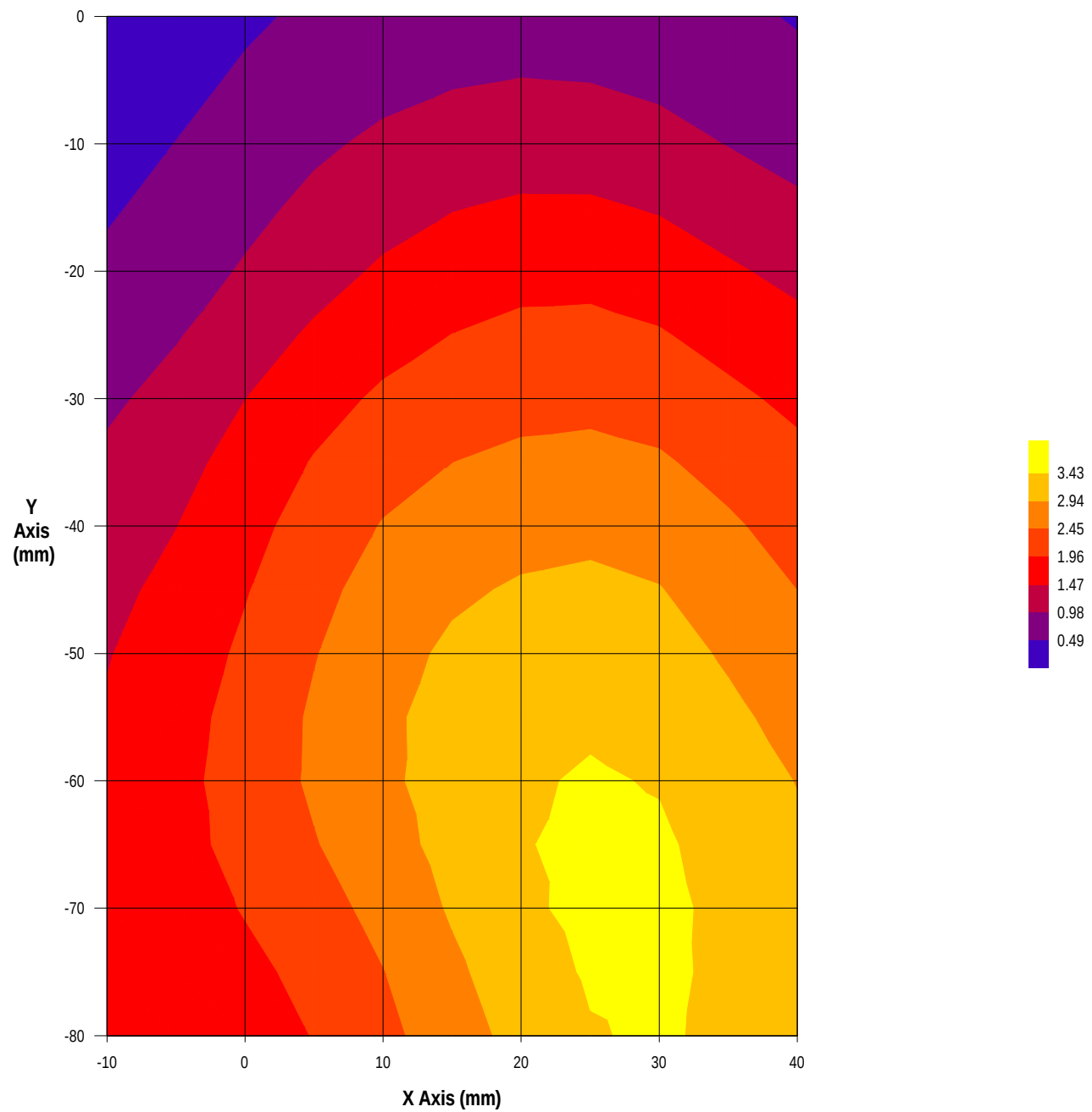
Measured Values (mV) :

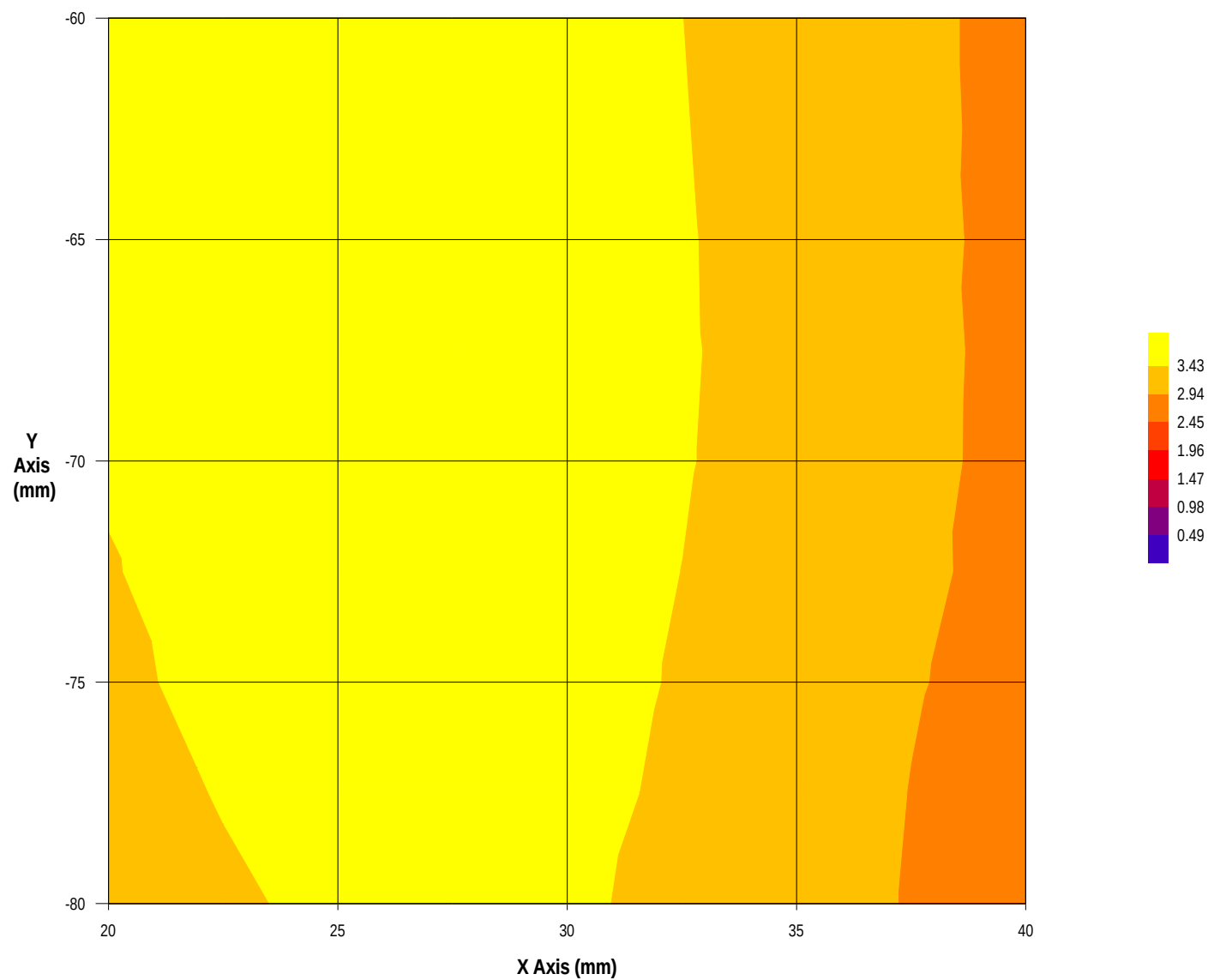
3.76	2.05	1.34	0.79	0.43	0.16
0.06	0.00	0.00	0.00	0.00	

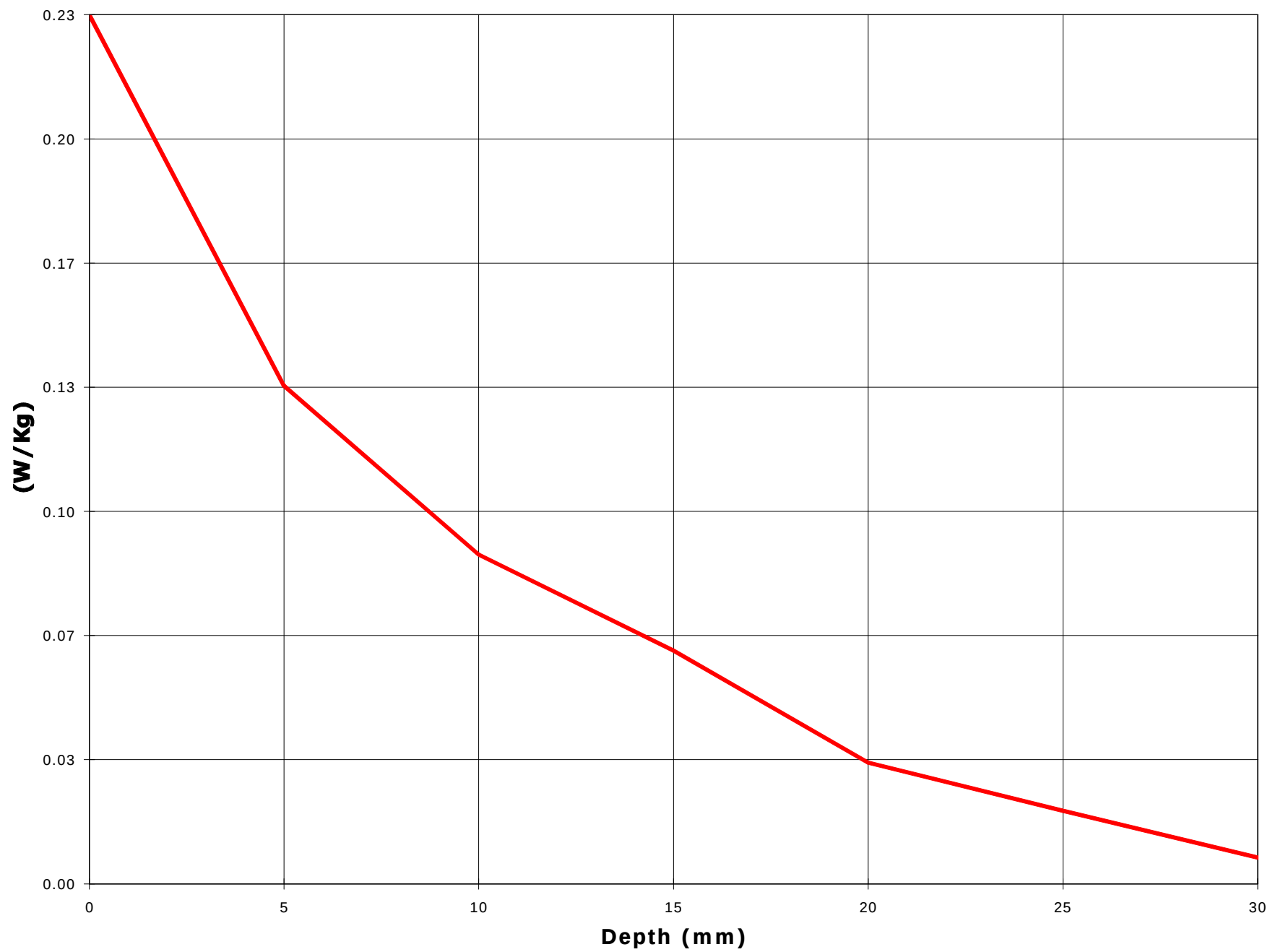
Peak Voltage (mV) : 5.14 1 Cm Voltage (mV) : 1.89 SAR (W/Kg) : 0.23











Test Information

Date : 10/26/99
Time : 10:17:06 AM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 837
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.139
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.160

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

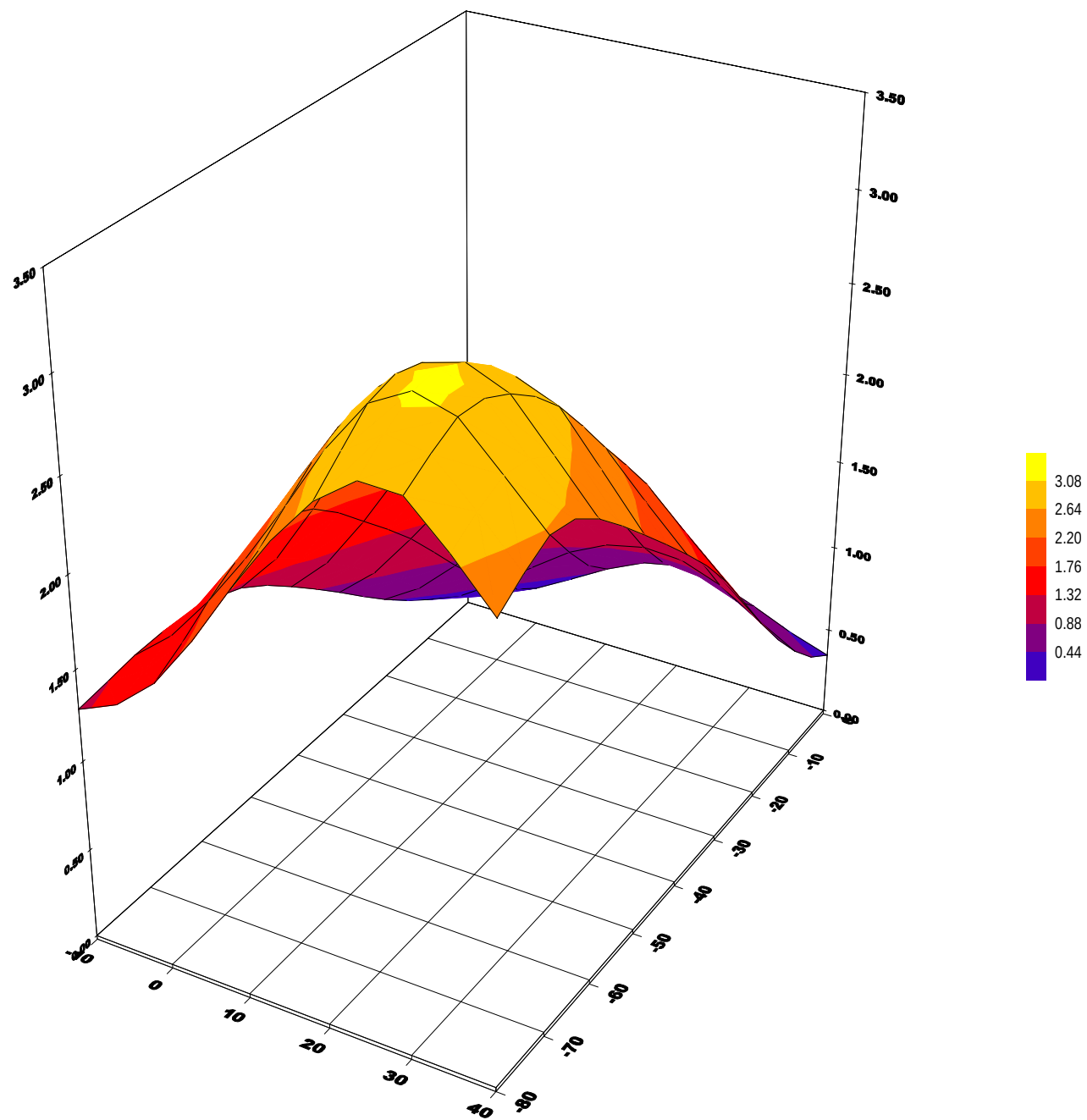
Location of Maximum Field :

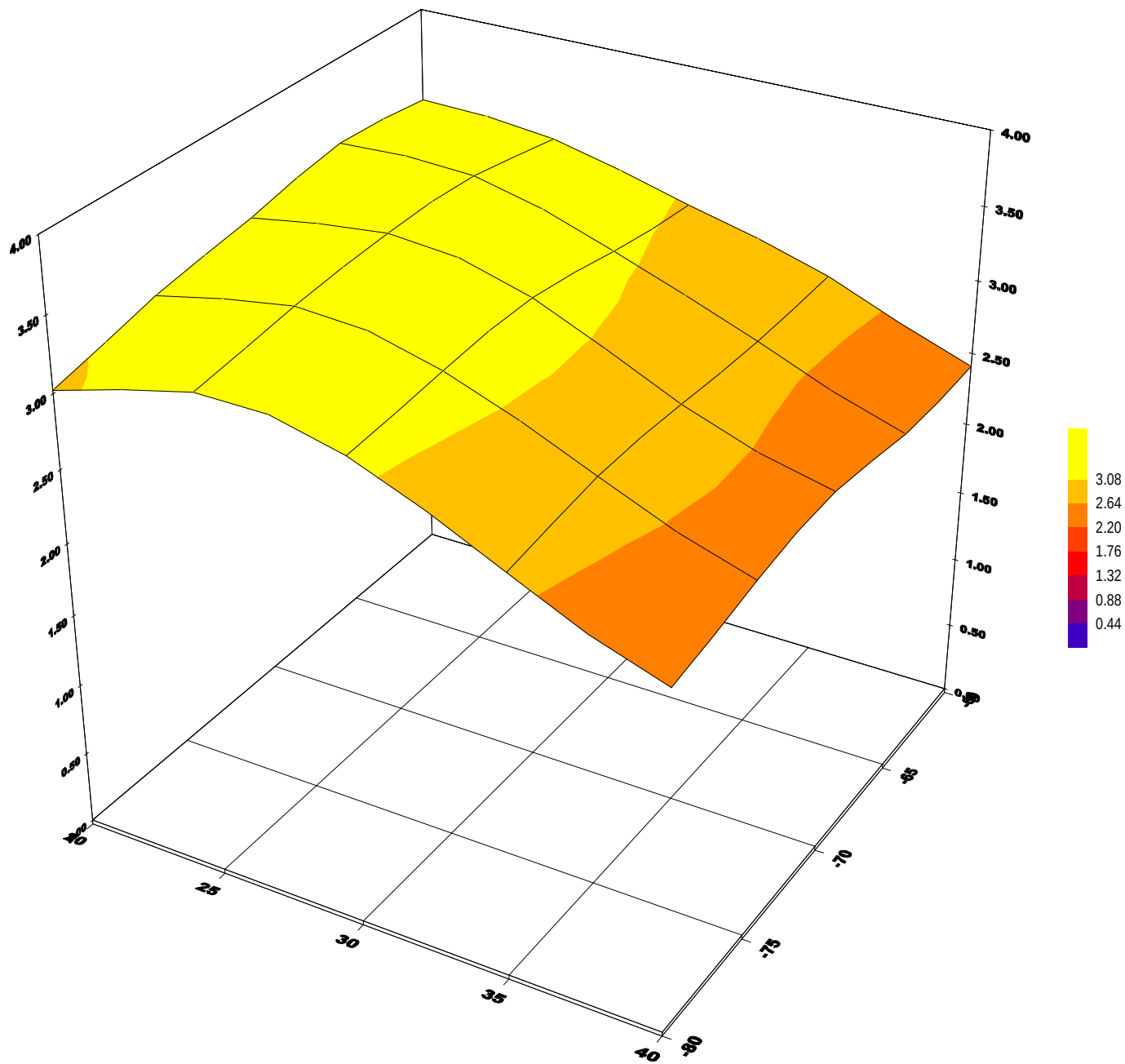
X = 25 Y = -65

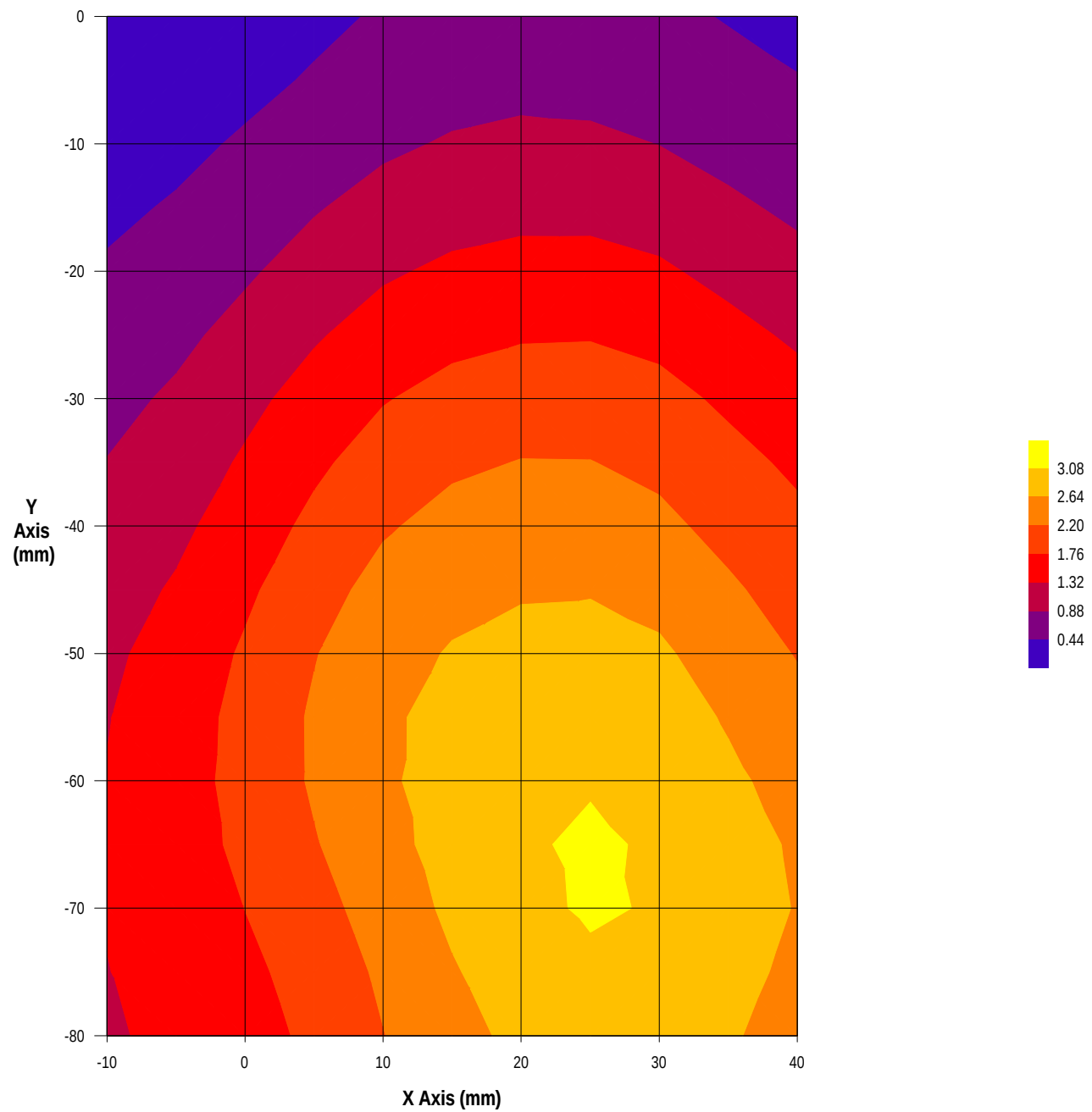
Measured Values (mV) :

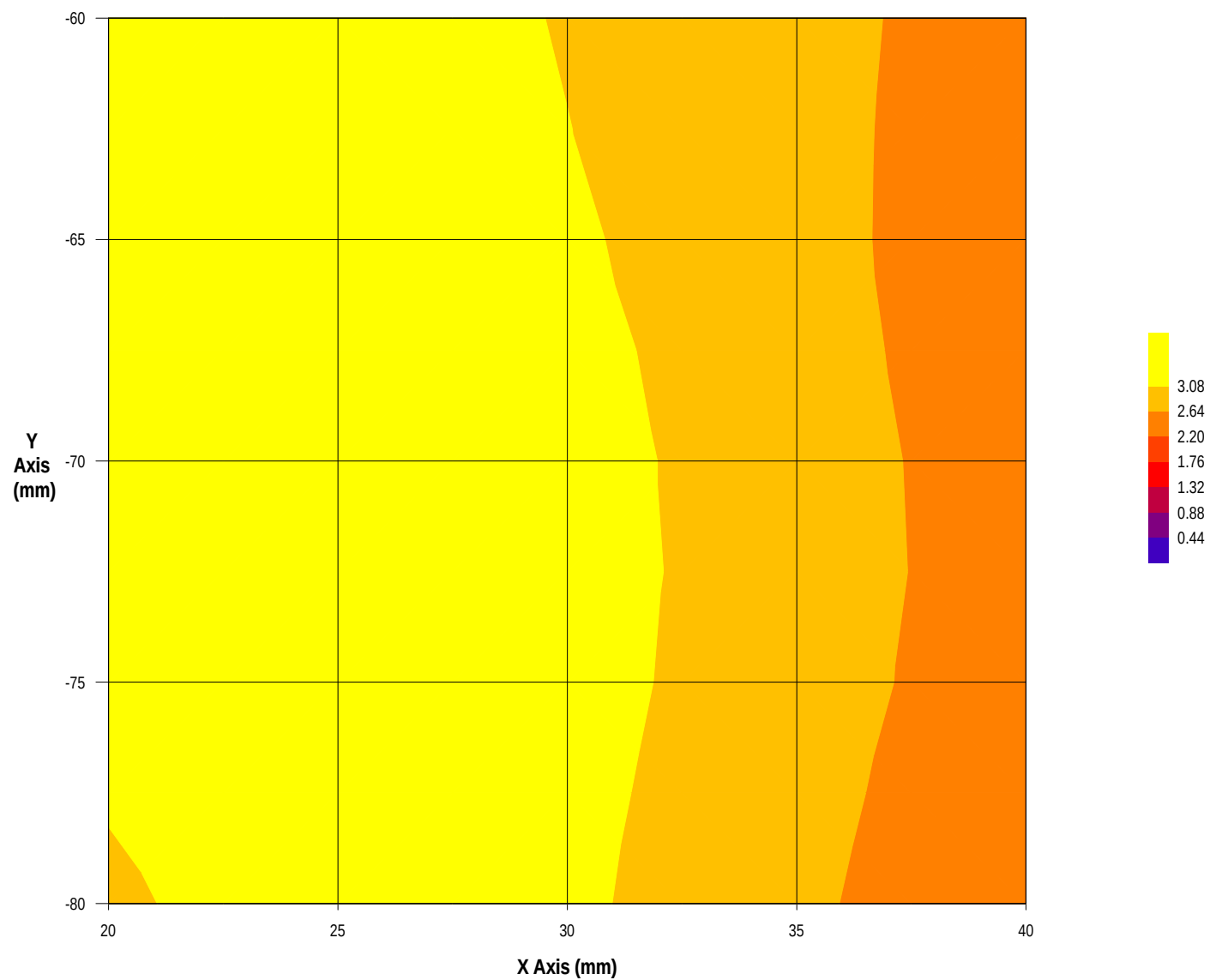
3.33	1.89	1.22	0.70	0.39	0.15
0.05	0.00	0.00	0.00	0.00	

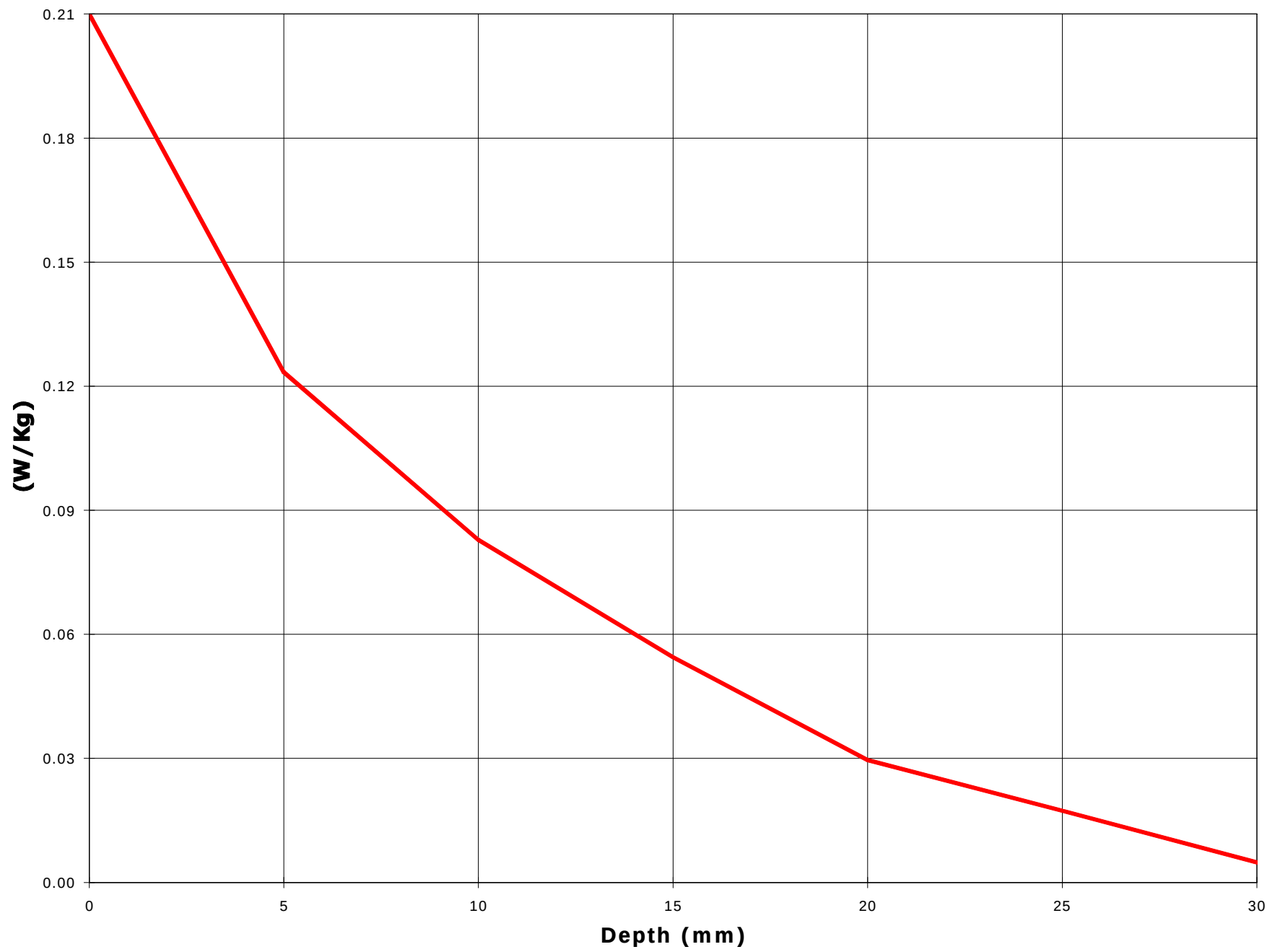
Peak Voltage (mV) : 4.51 1 Cm Voltage (mV) : 1.72 SAR (W/Kg) : 0.21











Test Information

Date : 10/26/99
Time : 10:30:45 AM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 849
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.135
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.155

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

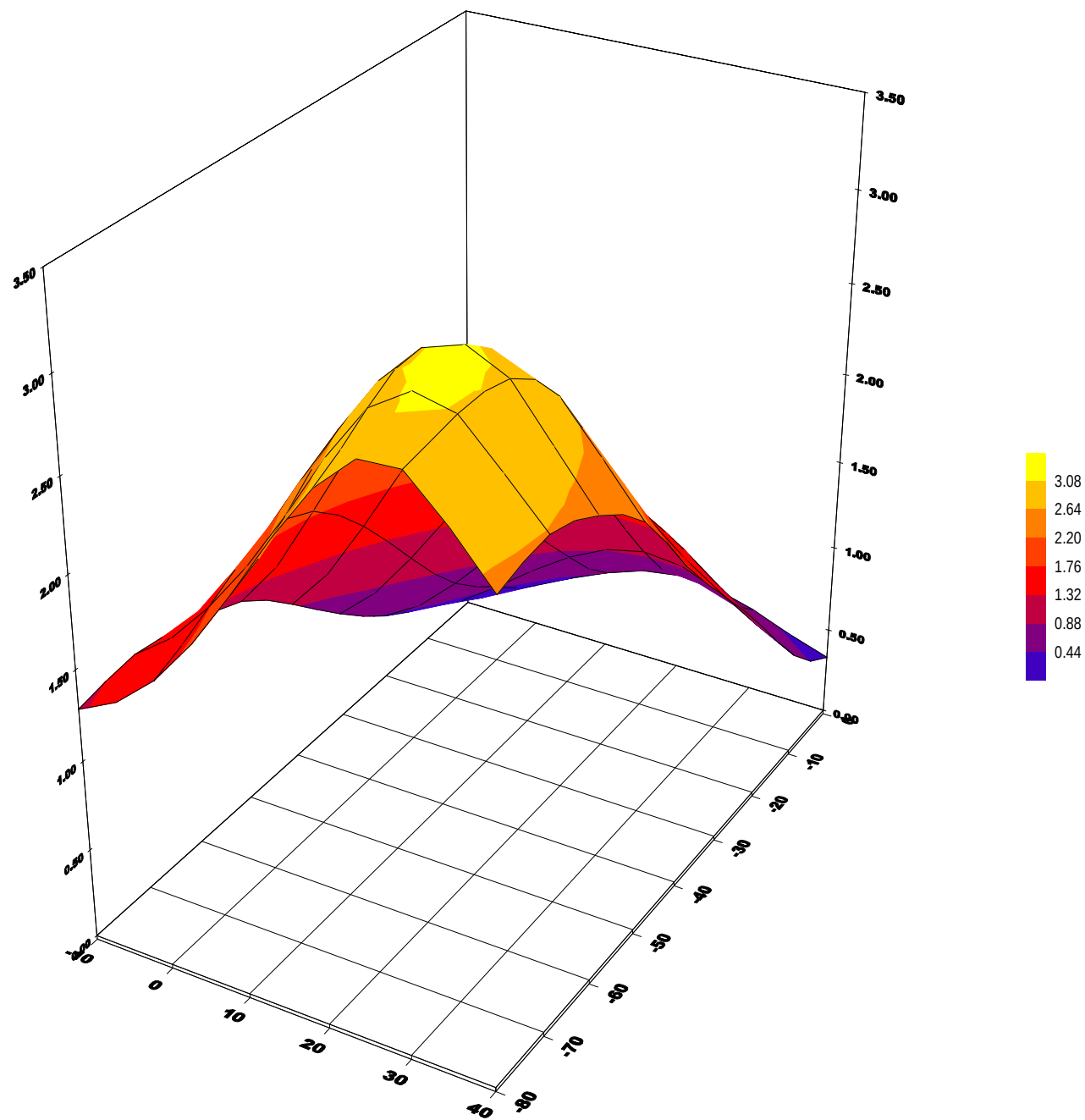
Location of Maximum Field :

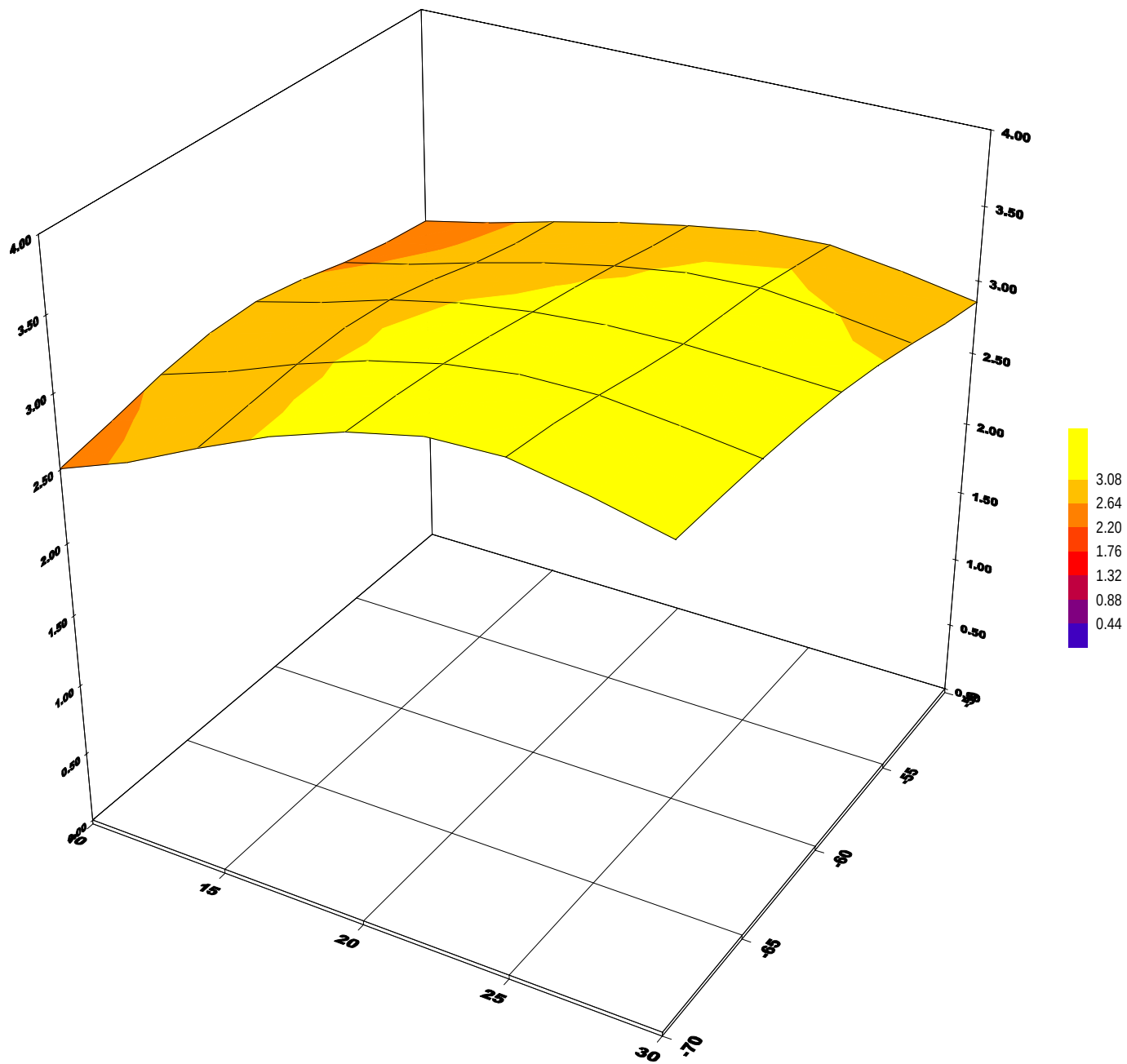
X = 25 Y = -70

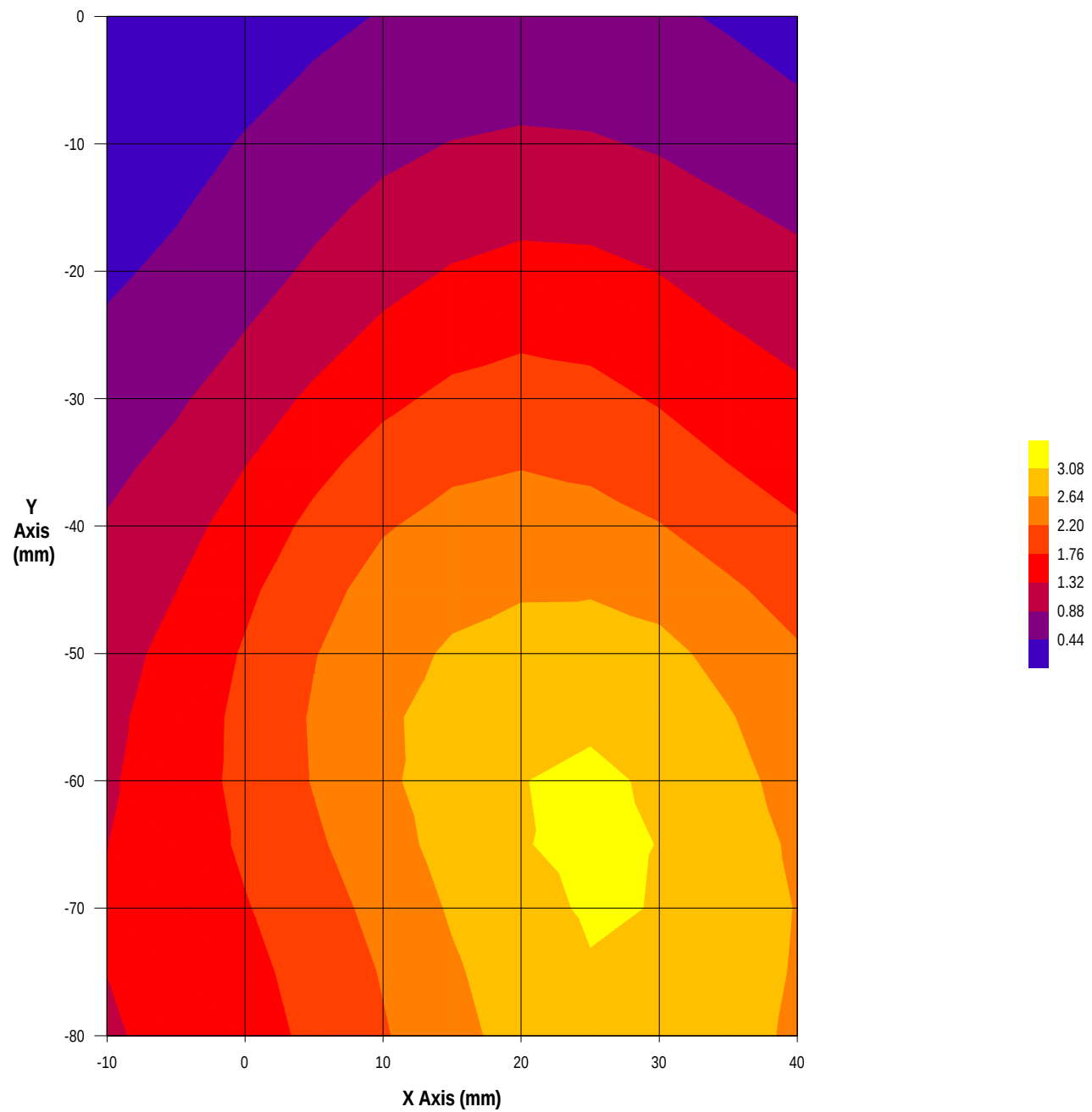
Measured Values (mV) :

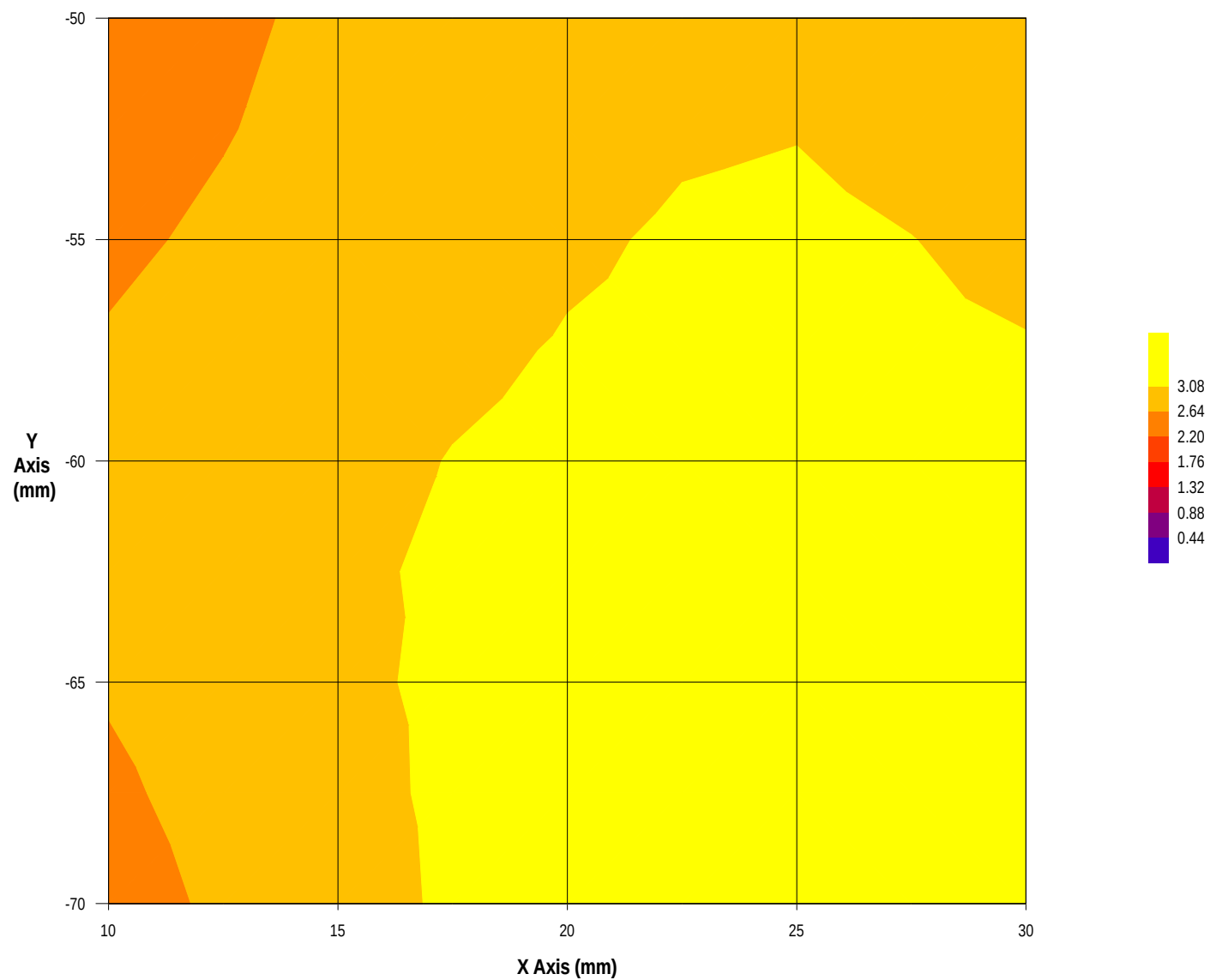
3.52	1.81	1.15	0.71	0.33	0.15
0.05	0.00	0.00	0.00	0.00	

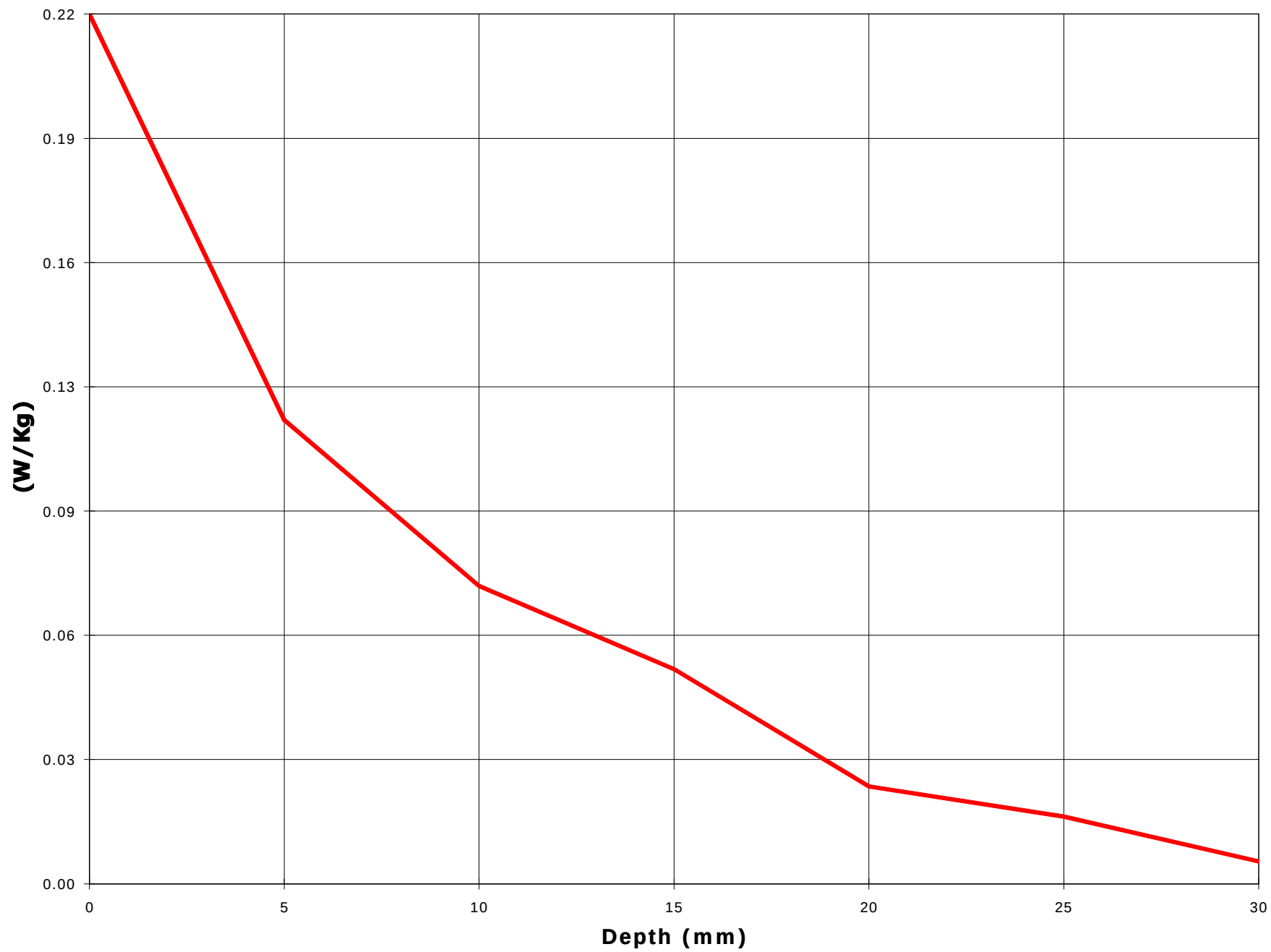
Peak Voltage (mV) : 4.93 1 Cm Voltage (mV) : 1.69 SAR (W/Kg) : 0.22











Test Information

Date : 10/25/99
Time : 2:32:57 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 1850
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 47.7
Conductivity : 1.54

Probe : E3
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 1.36
Calibrated Date : 4/23/99

Antenna Position : FIX
Measured Power (W) : 0.119
(conducted)
Cable Insertion Loss (dB) : 1.2
Compensated Power (W) : 0.157

Amplifier Setting :

Channel 1 : 0.0046 Channel 2 : 0.0042 Channel 3 : 0.0032

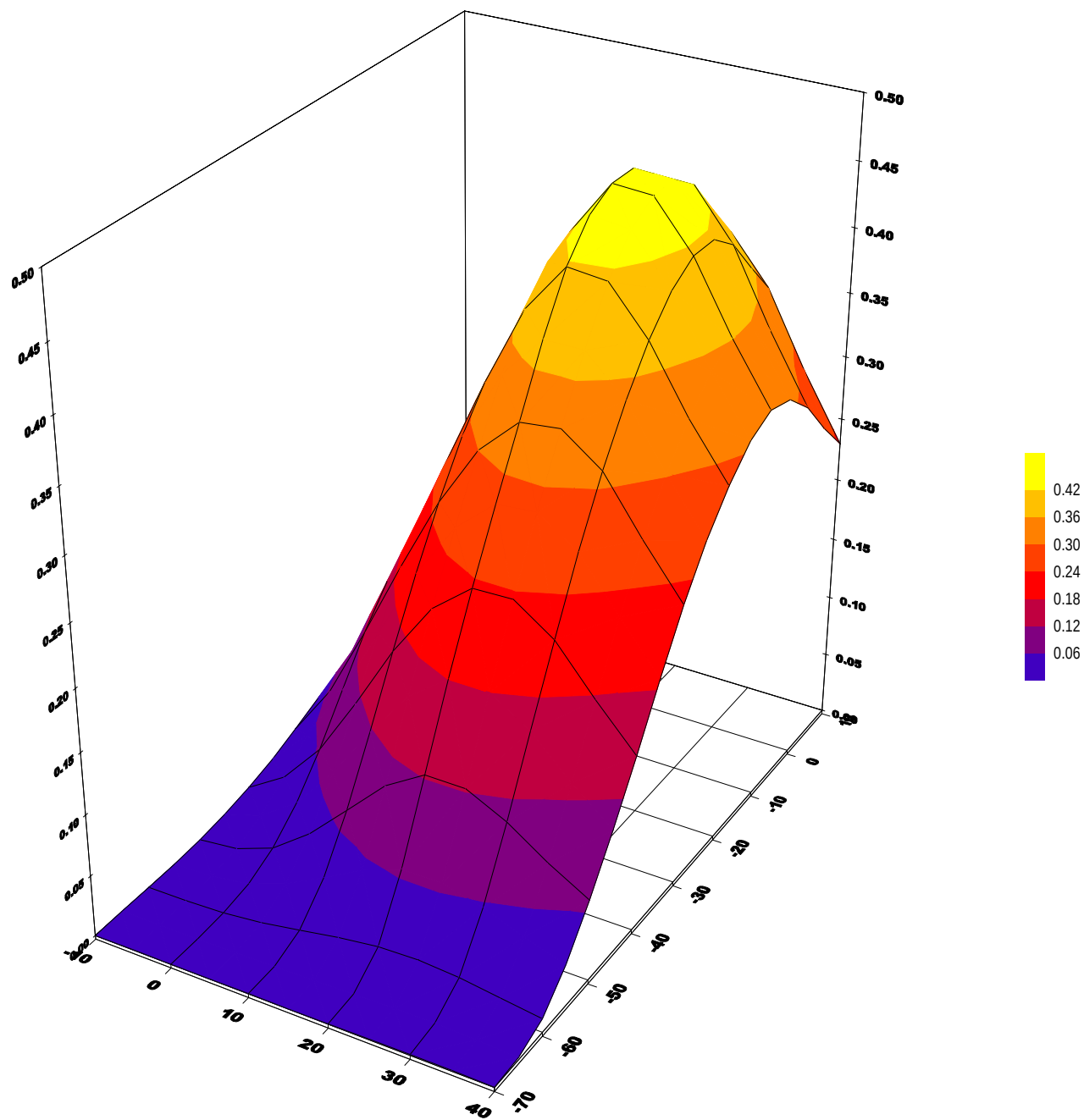
Location of Maximum Field :

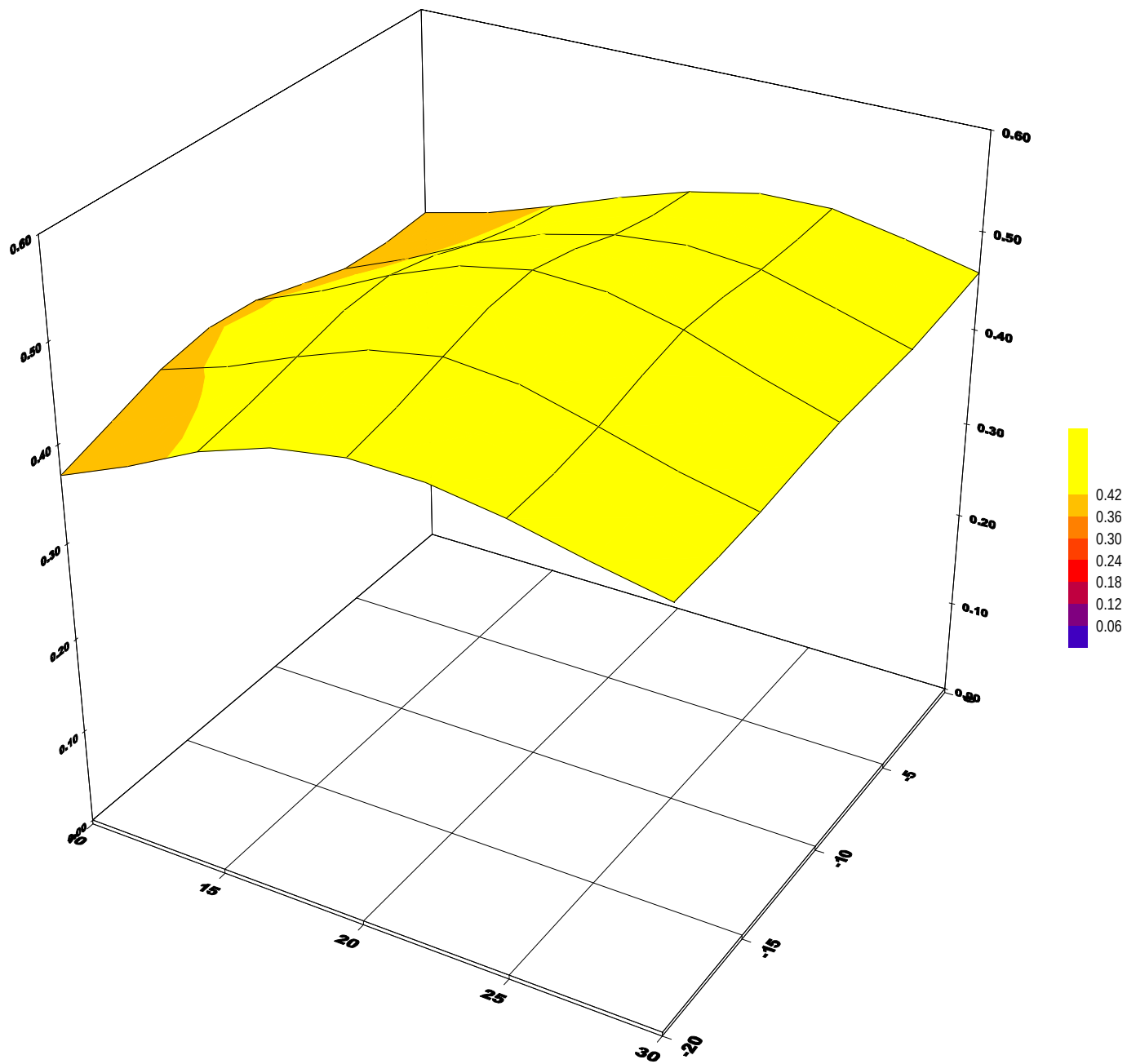
X = 20 Y = -10

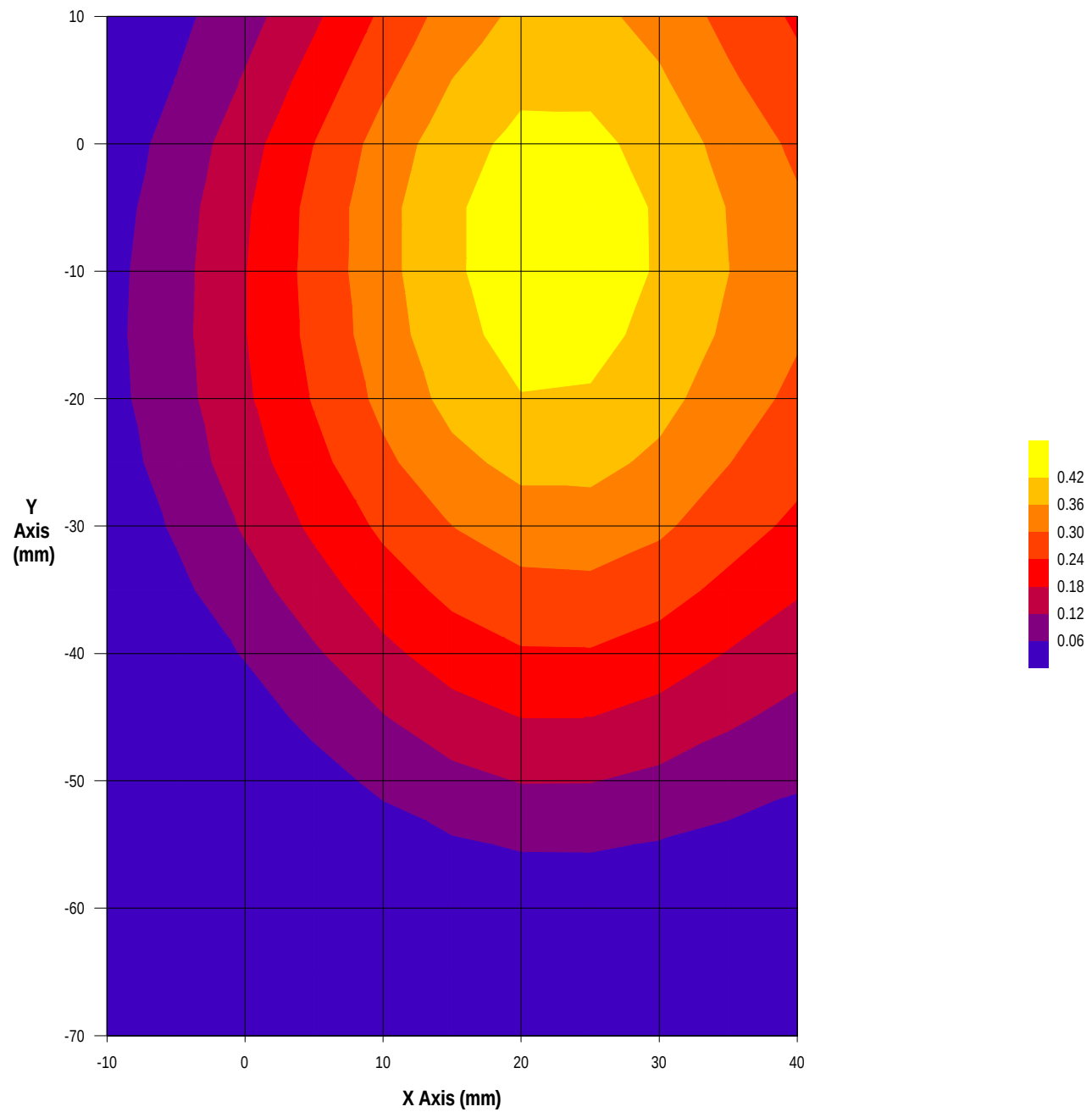
Measured Values (mV) :

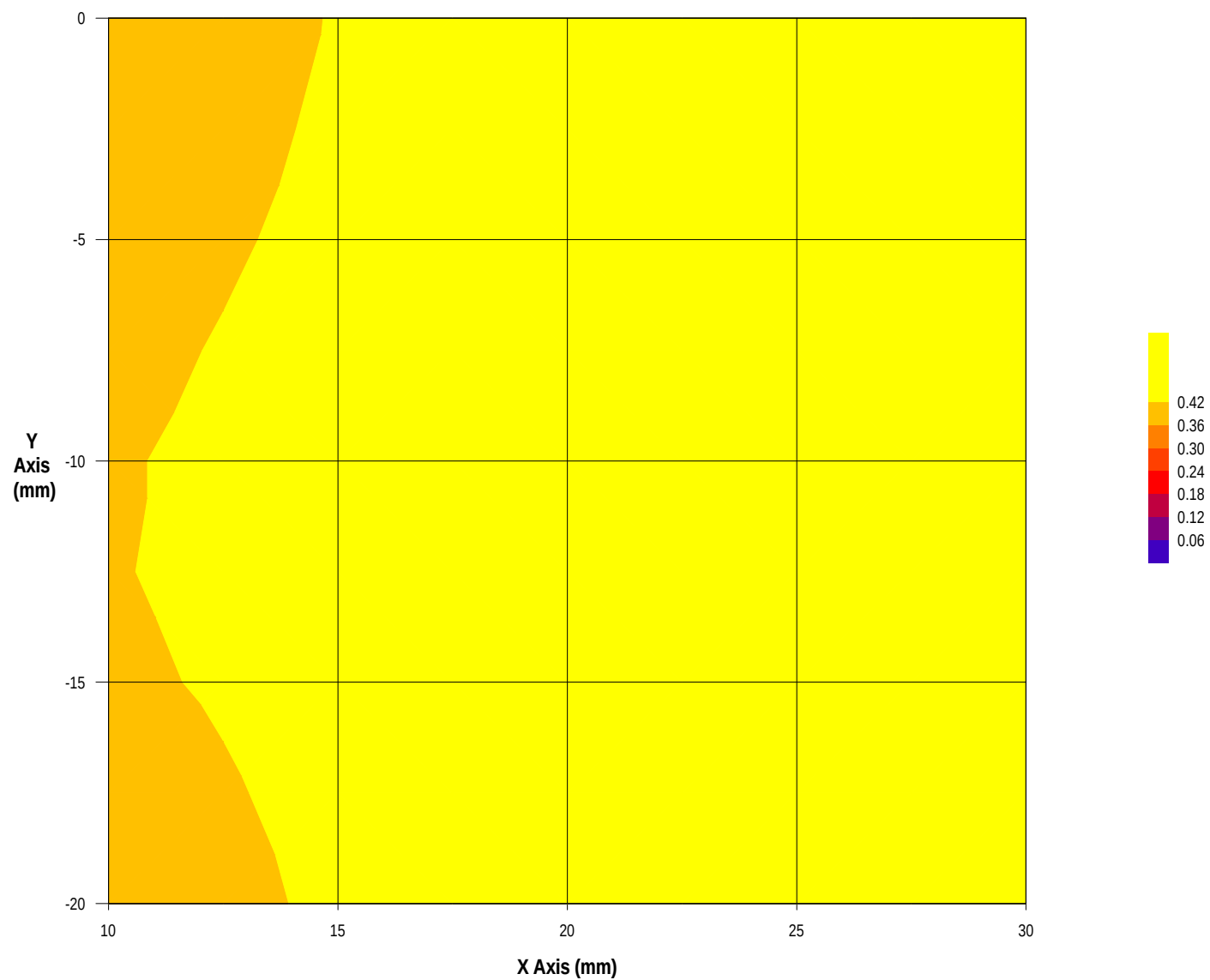
0.49	0.19	0.03	0.01	0.01	0.01
0.00	0.00	0.00	0.00	0.00	

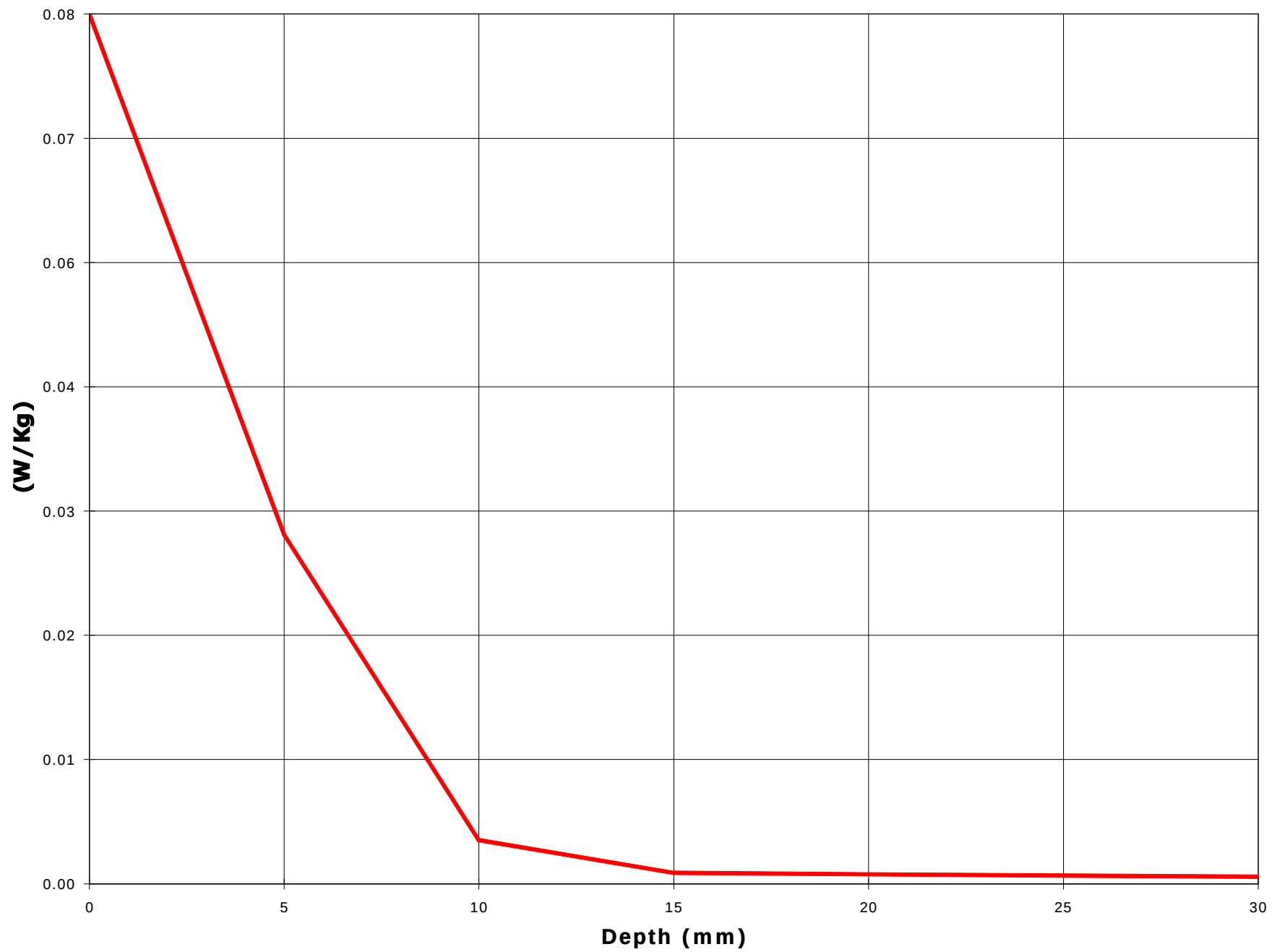
Peak Voltage (mV) : 1.19 1 Cm Voltage (mV) : 0.05 SAR (W/Kg) : 0.08











Test Information

Date : 10/25/99
Time : 2:47:35 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 1880
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 47.7
Conductivity : 1.54

Probe : E3
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 1.36
Calibrated Date : 4/23/99

Antenna Position : FIX
Measured Power (W) : 0.126
(conducted)
Cable Insertion Loss (dB) : 1.2
Compensated Power (W) : 0.166

Amplifier Setting :

Channel 1 : 0.0046 Channel 2 : 0.0042 Channel 3 : 0.0032

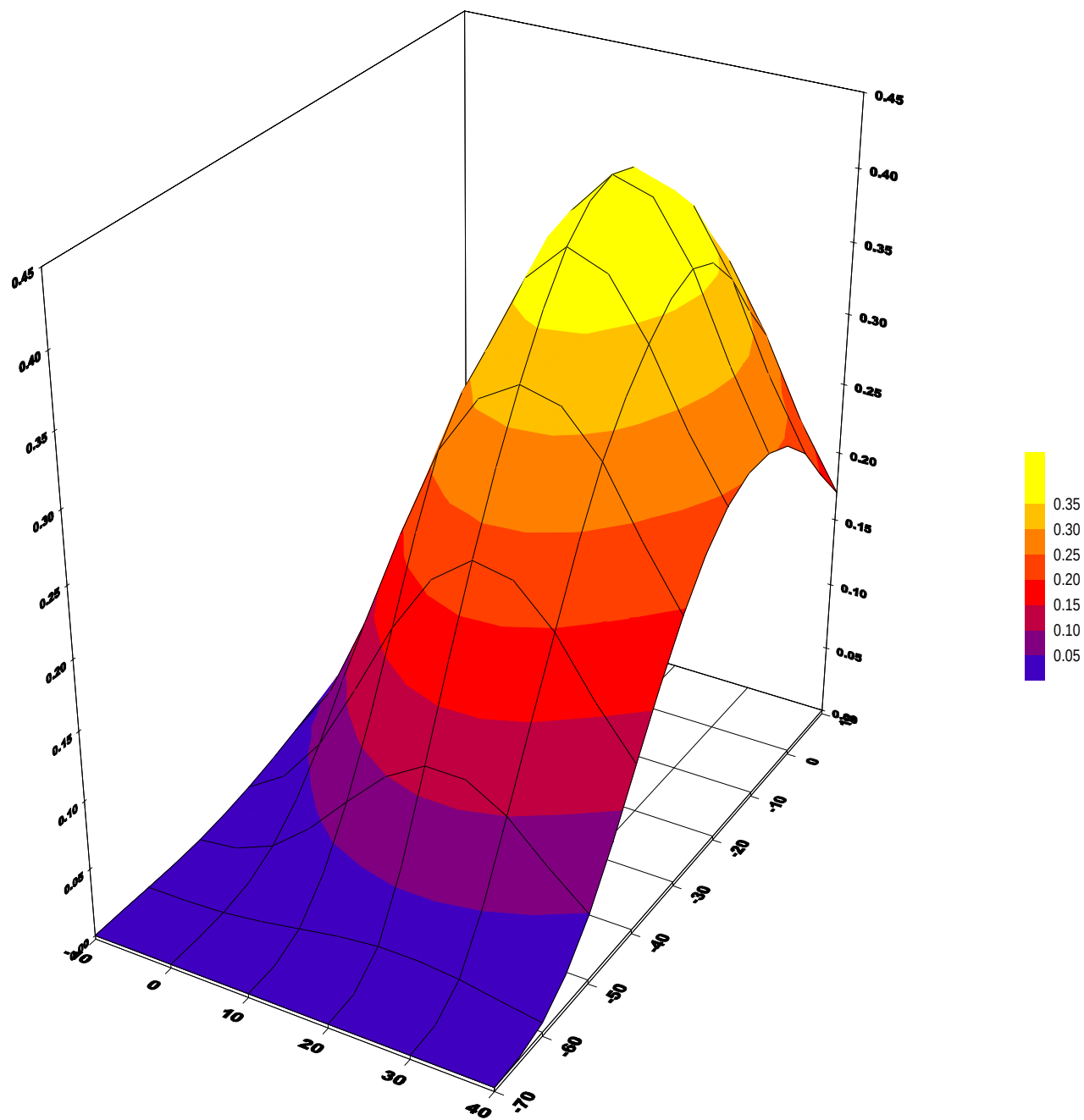
Location of Maximum Field :

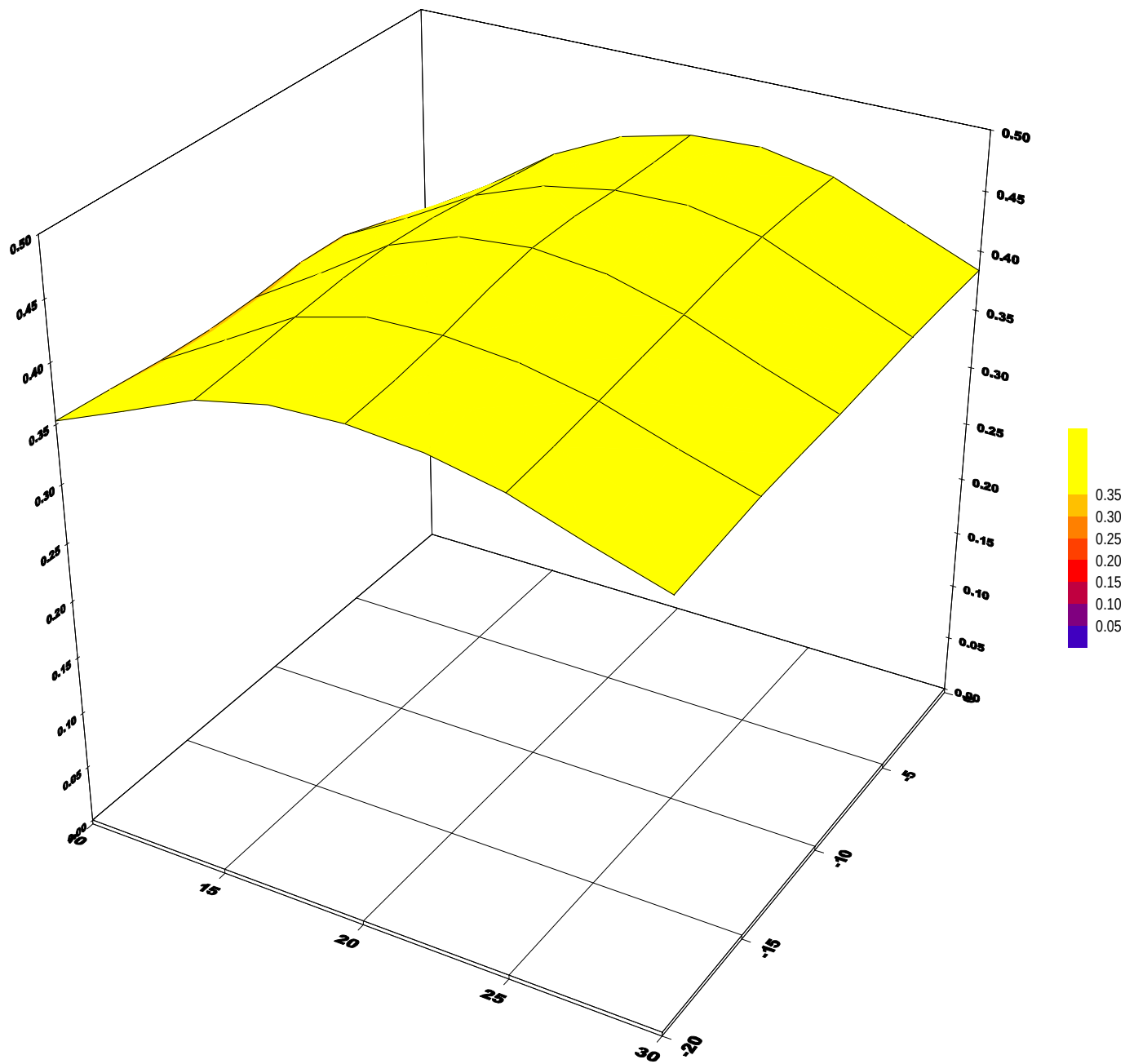
X = 20 Y = -10

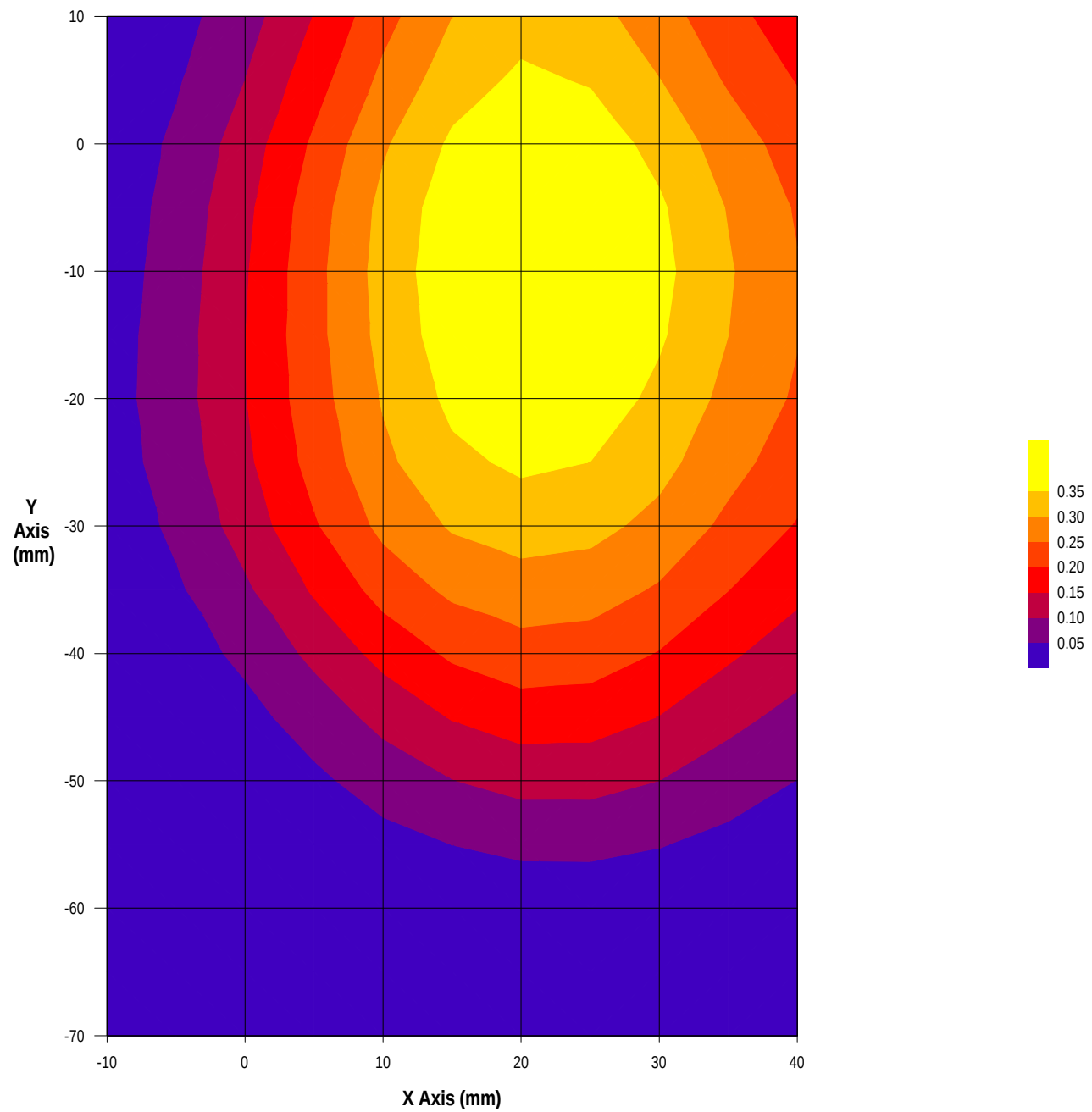
Measured Values (mV) :

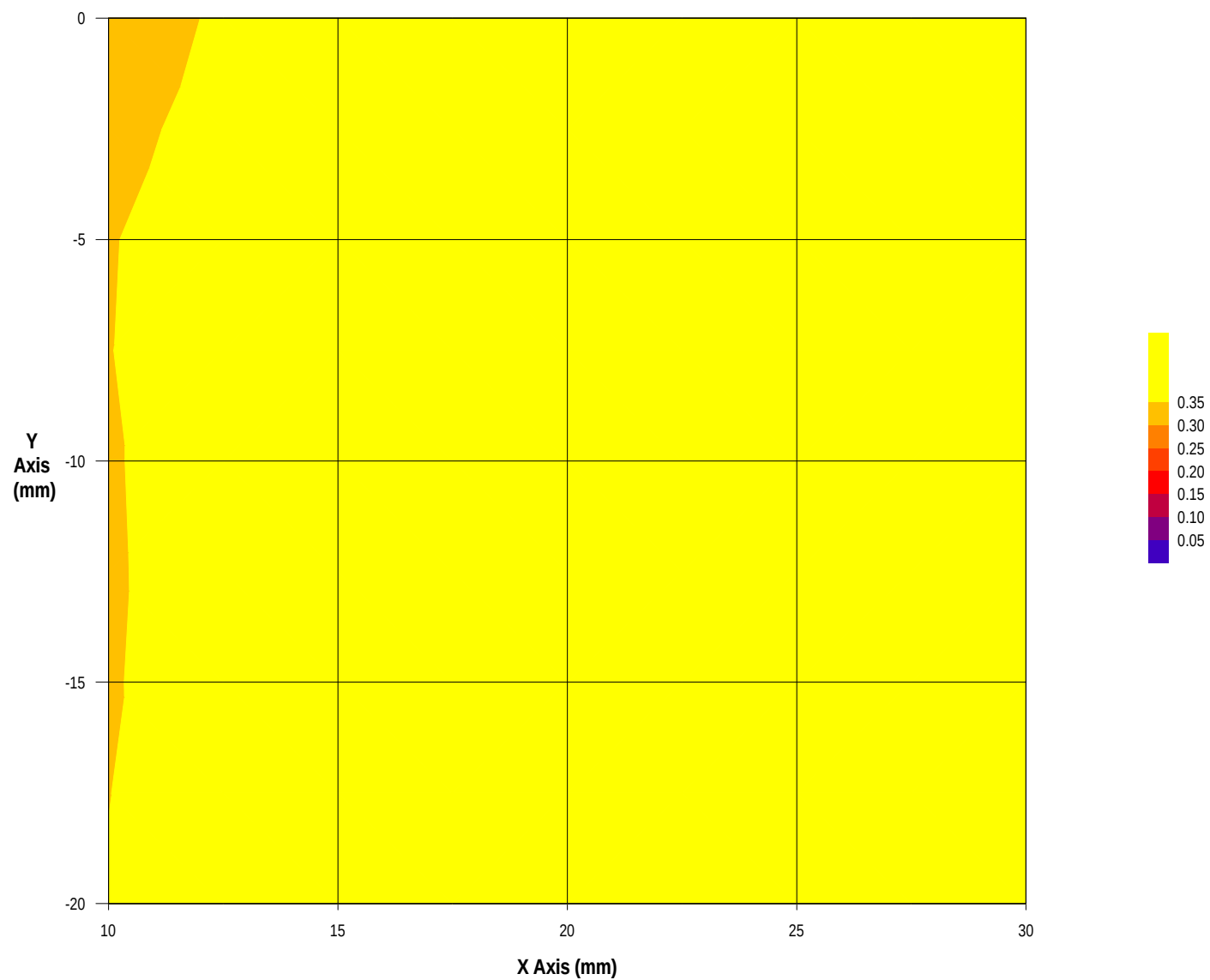
0.45	0.15	0.01	0.01	0.01	0.01
0.00	0.00	0.00	0.00	0.00	

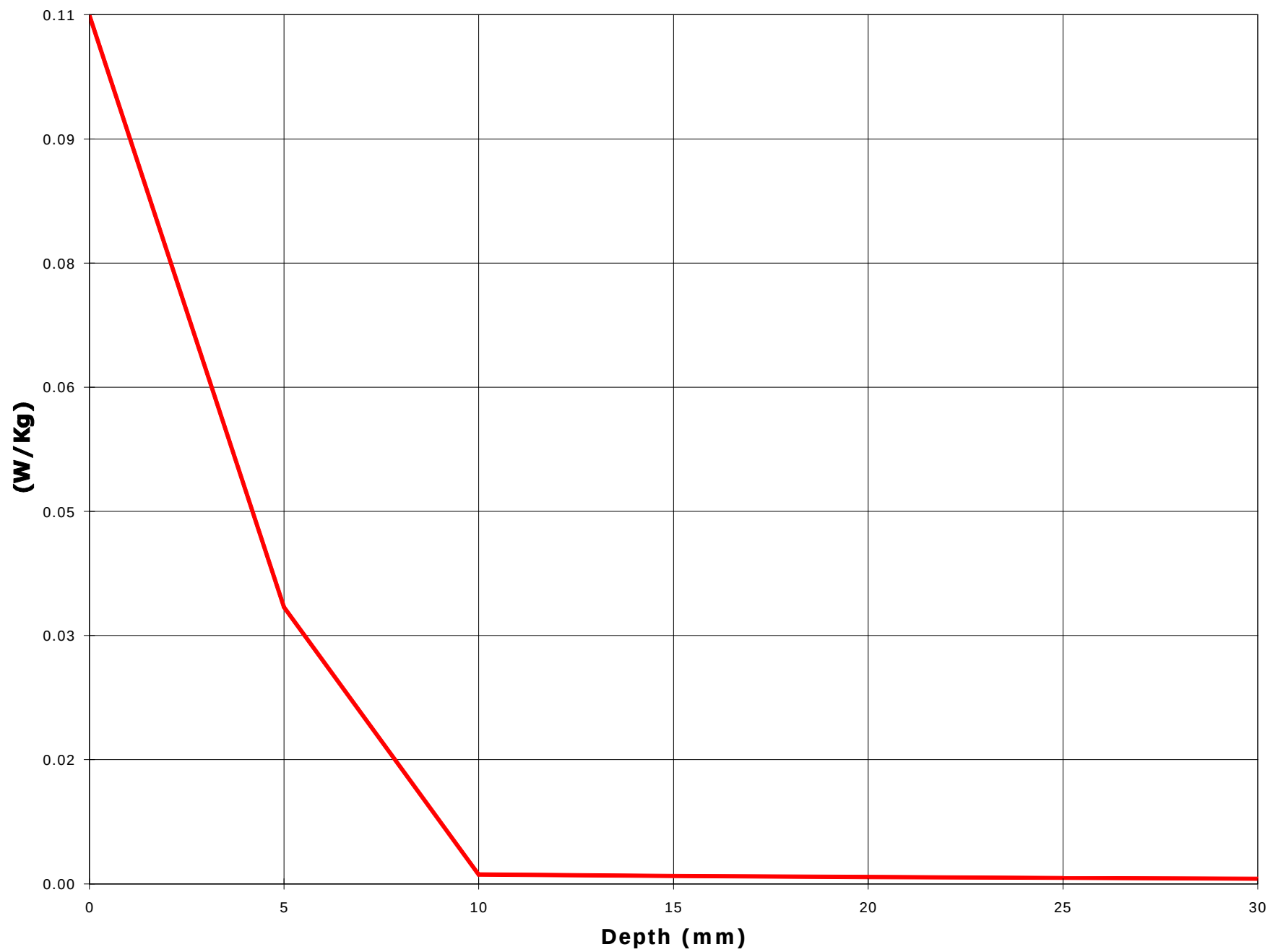
Peak Voltage (mV) : 1.71 1 Cm Voltage (mV) : 0.01 SAR (W/Kg) : 0.11











Test Information

Date : 10/25/99
Time : 3:04:57 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 1910
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 47.7
Conductivity : 1.54

Probe : E3
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 1.36
Calibrated Date : 4/23/99

Antenna Position : FIX
Measured Power (W) : 0.122
(conducted)
Cable Insertion Loss (dB) : 1.2
Compensated Power (W) : 0.161

Amplifier Setting :

Channel 1 : 0.0046 Channel 2 : 0.0042 Channel 3 : 0.0032

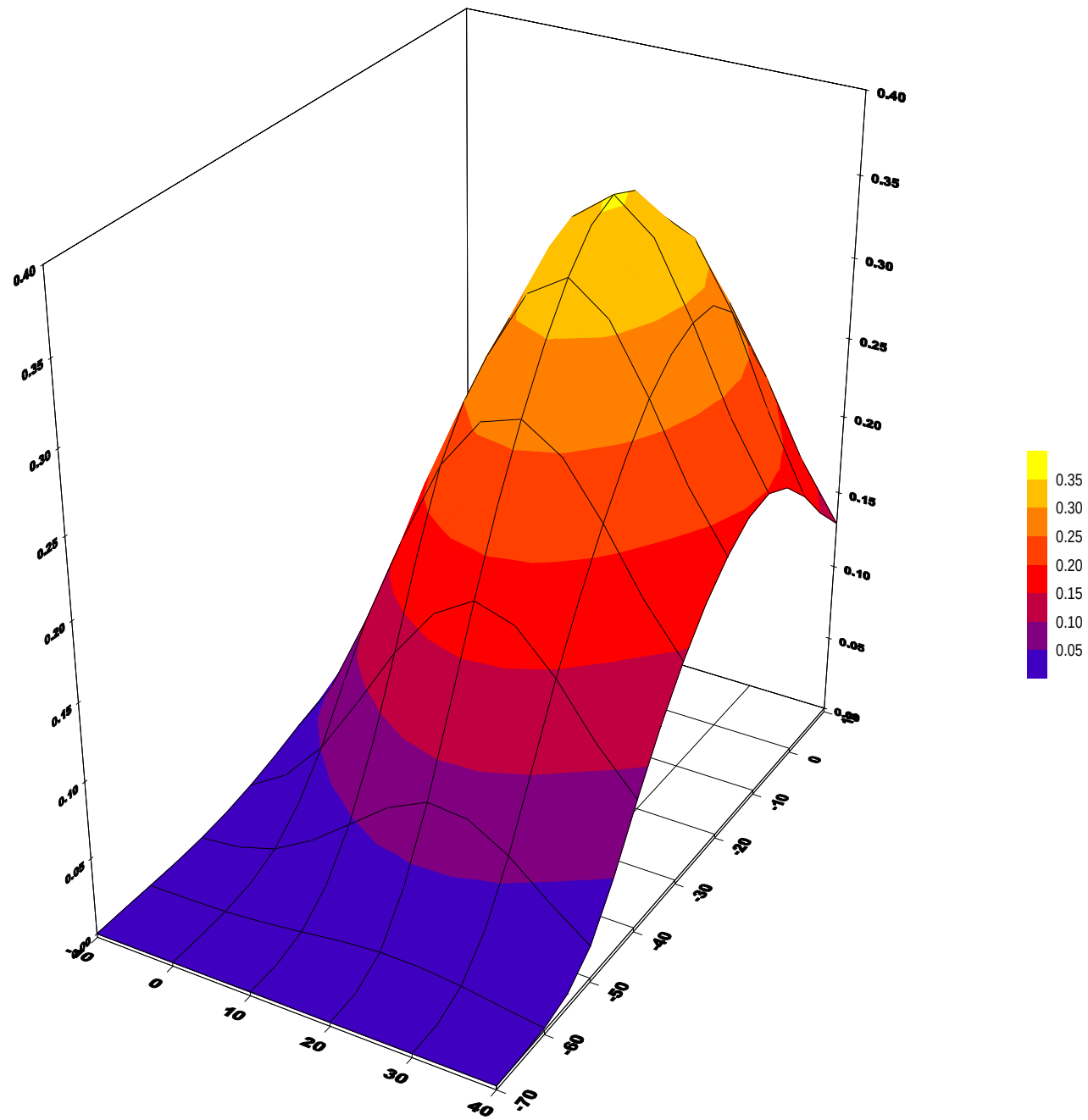
Location of Maximum Field :

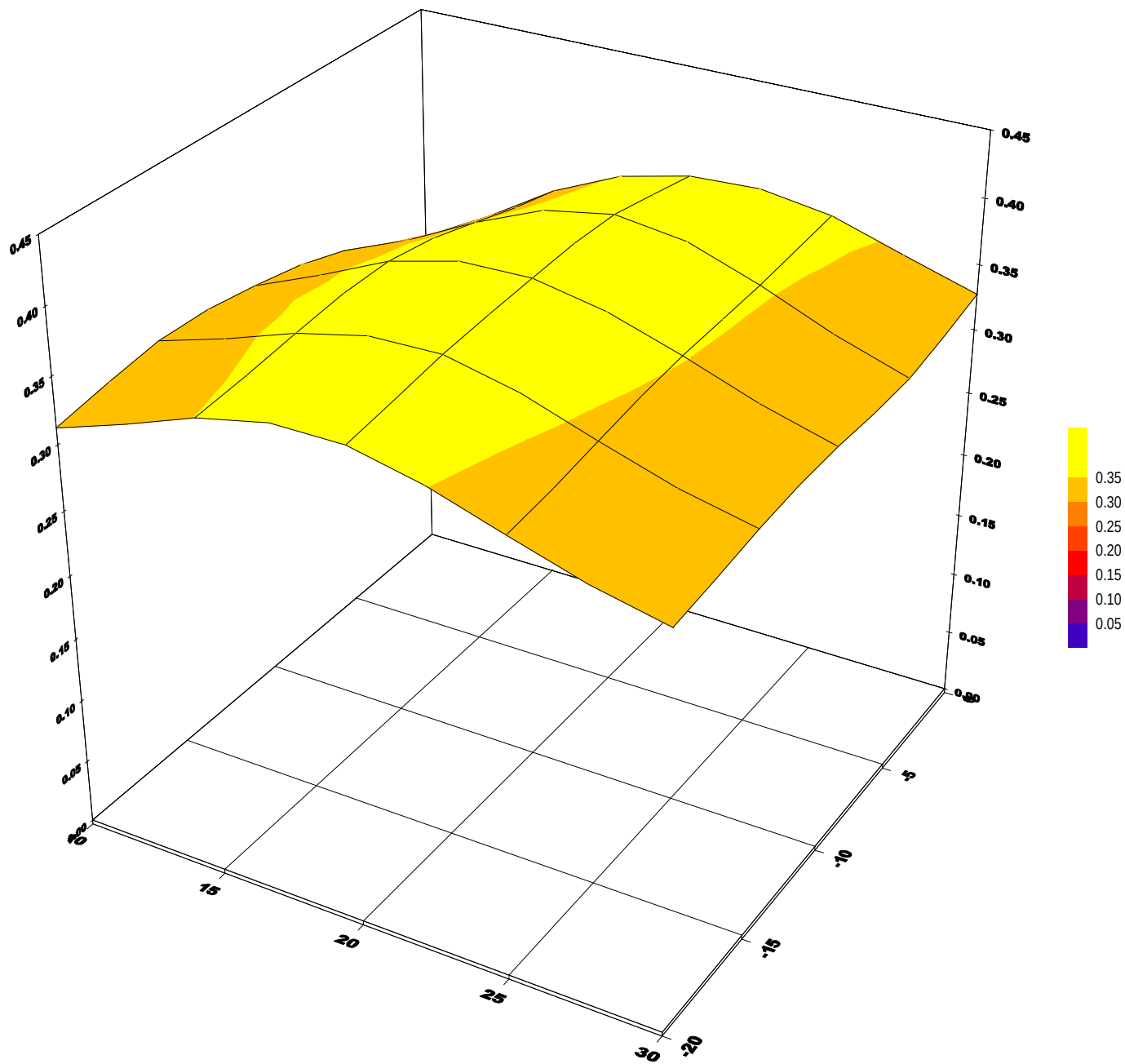
X = 20 Y = -5

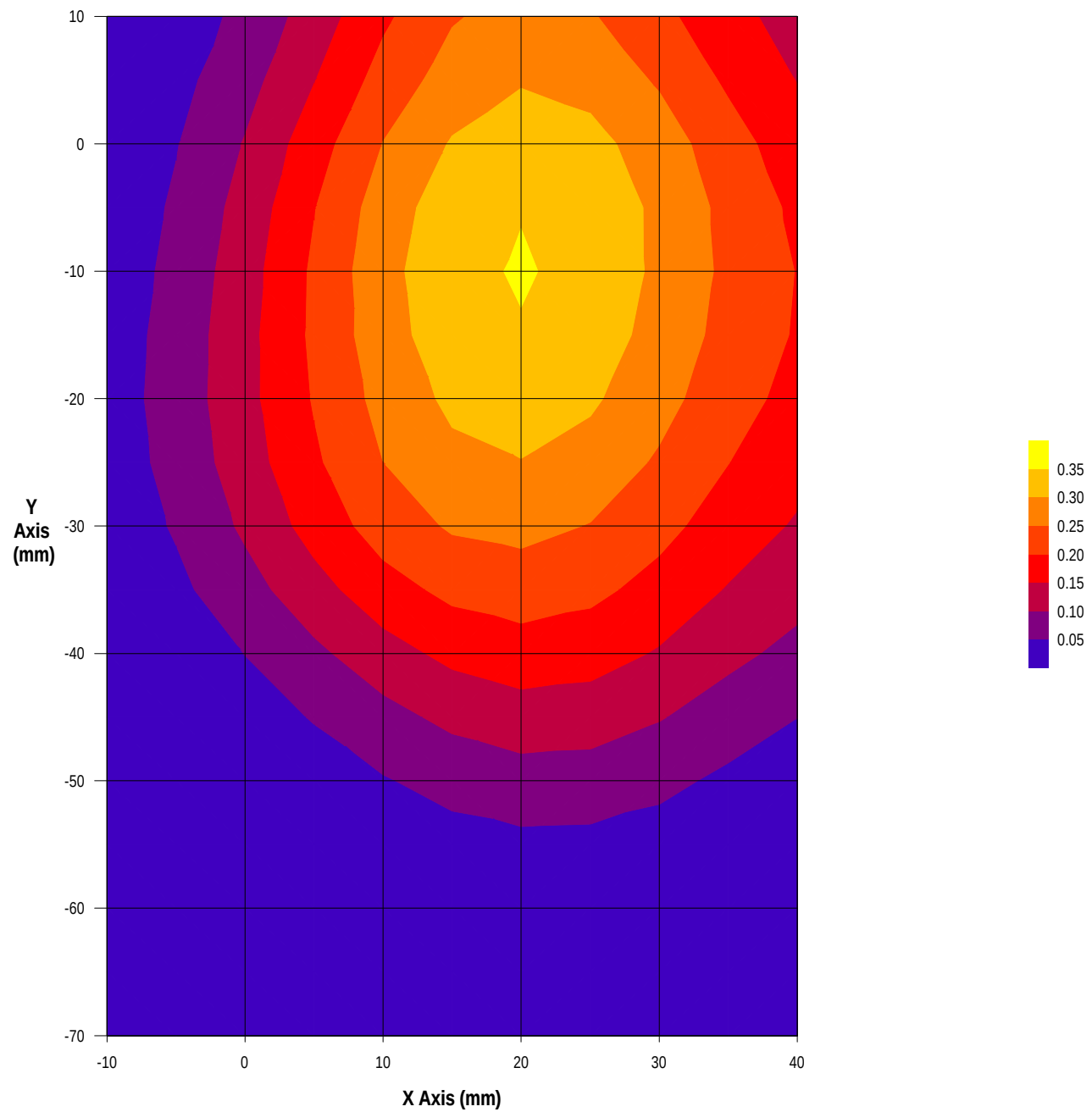
Measured Values (mV) :

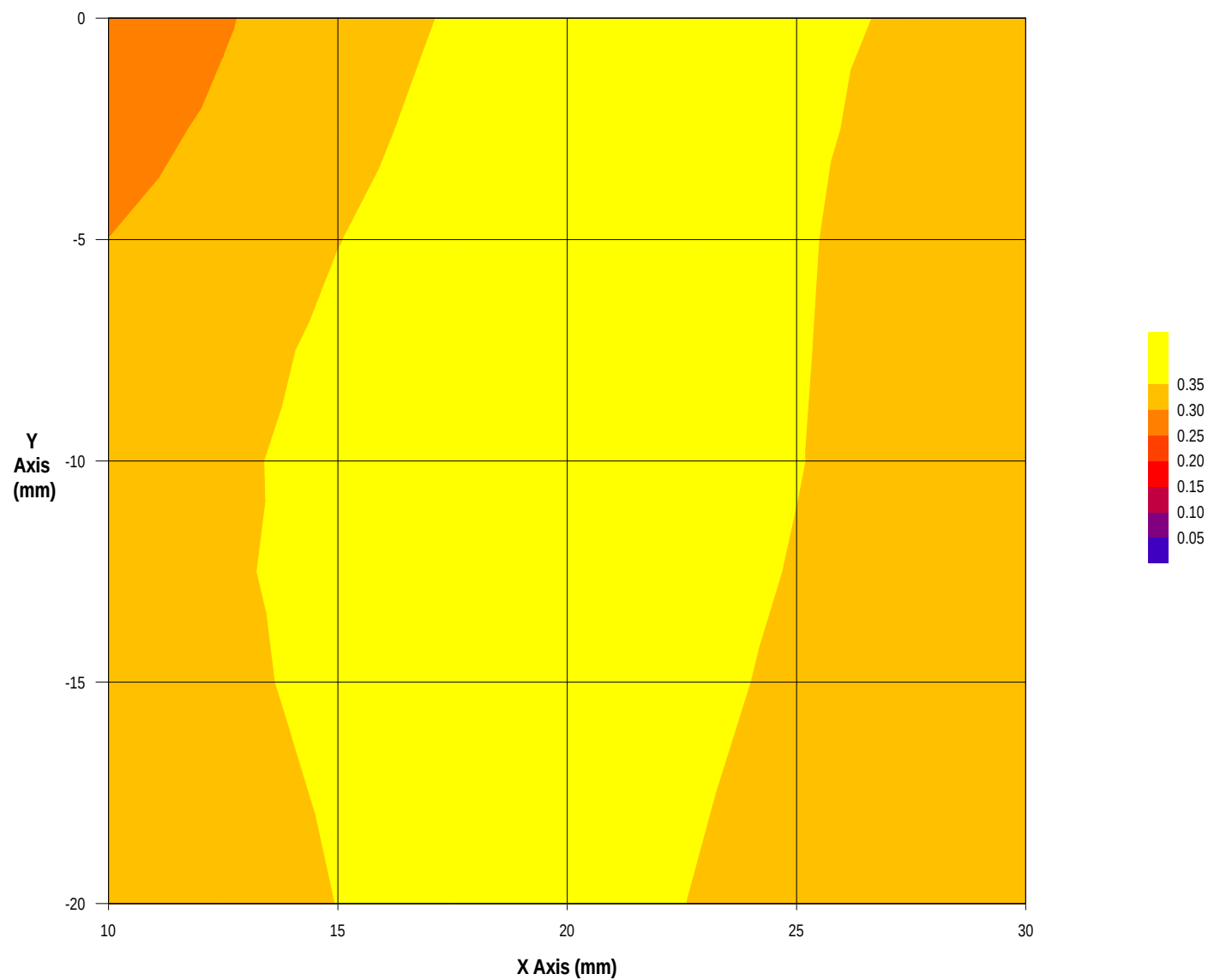
0.39	0.12	0.01	0.01	0.01	0.01
0.00	0.00	0.00	0.00	0.00	

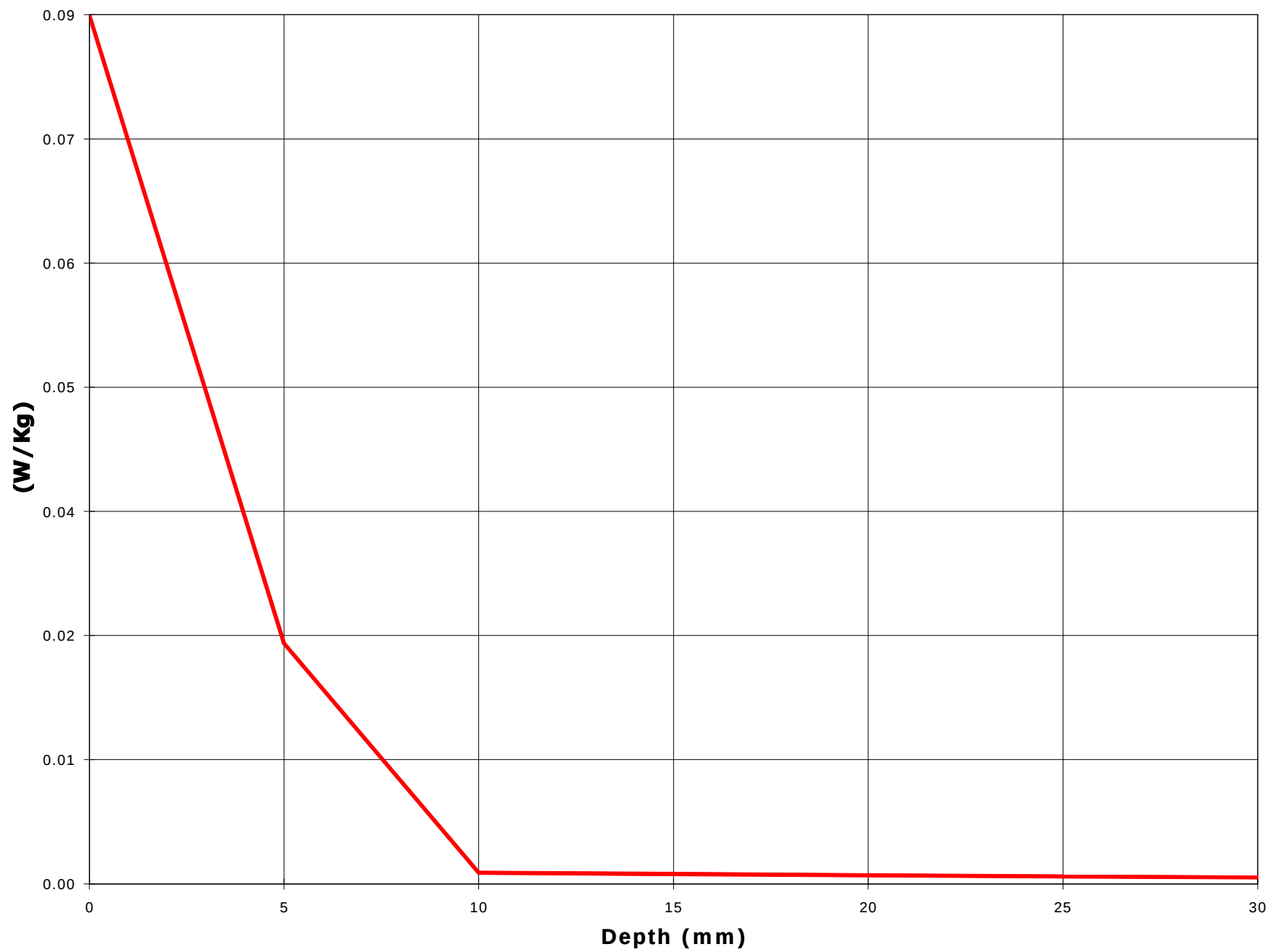
Peak Voltage (mV) : 1.37 1 Cm Voltage (mV) : 0.01 SAR (W/Kg) : 0.09











Test Information

Date : 10/26/99
Time : 3:16:13 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 825
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : CW

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.377
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.433

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

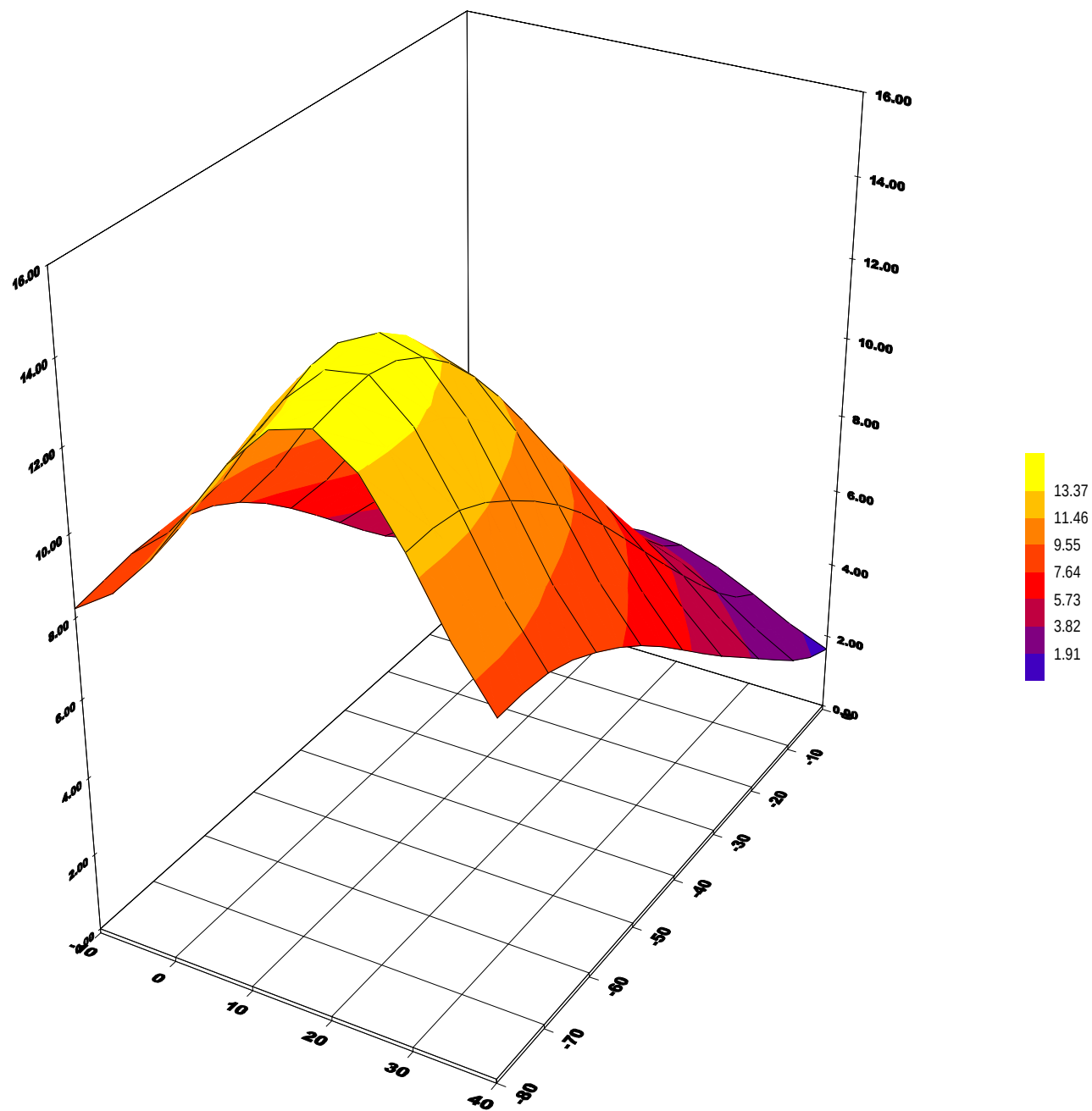
Location of Maximum Field :

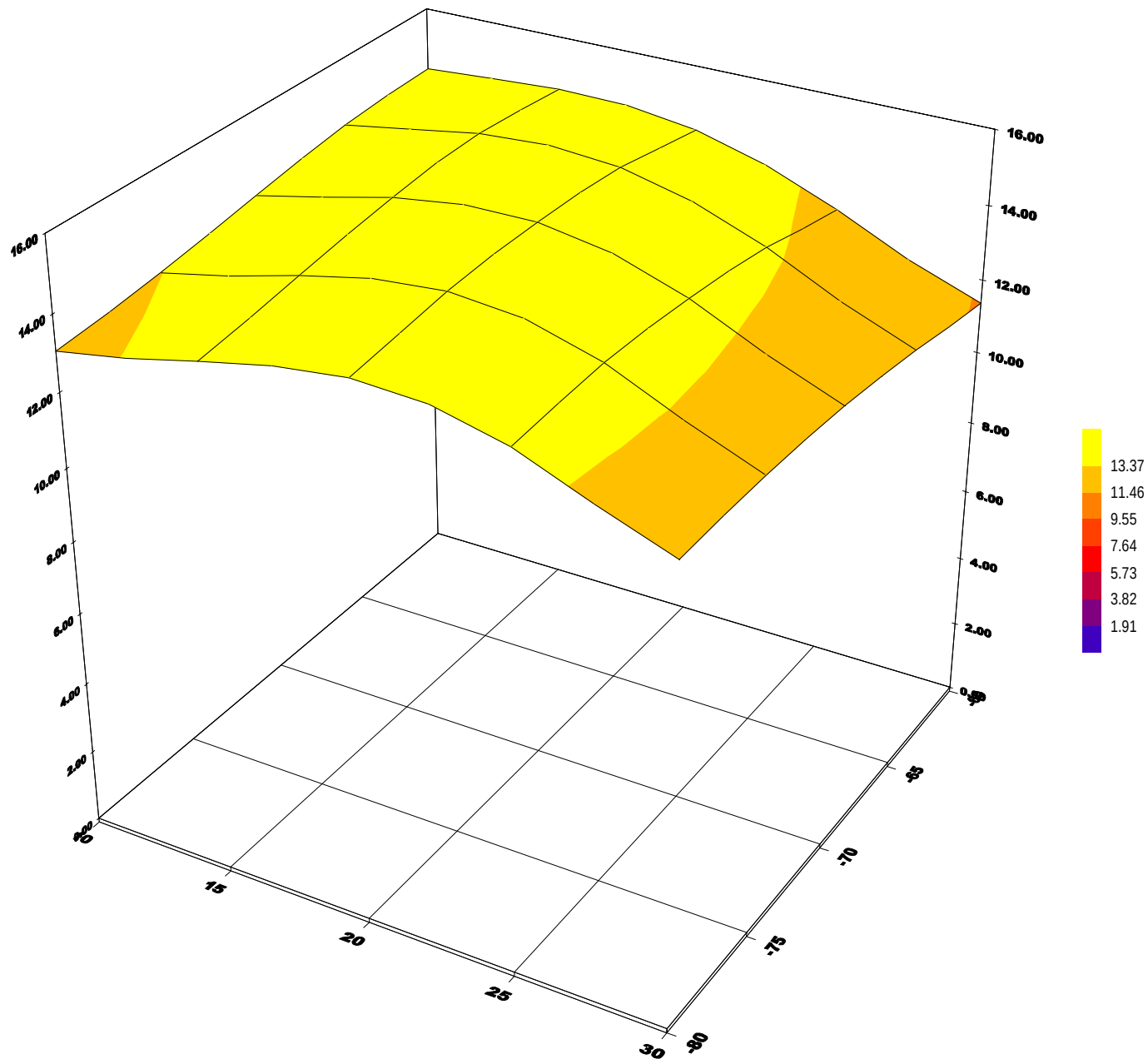
X = 20 Y = -75

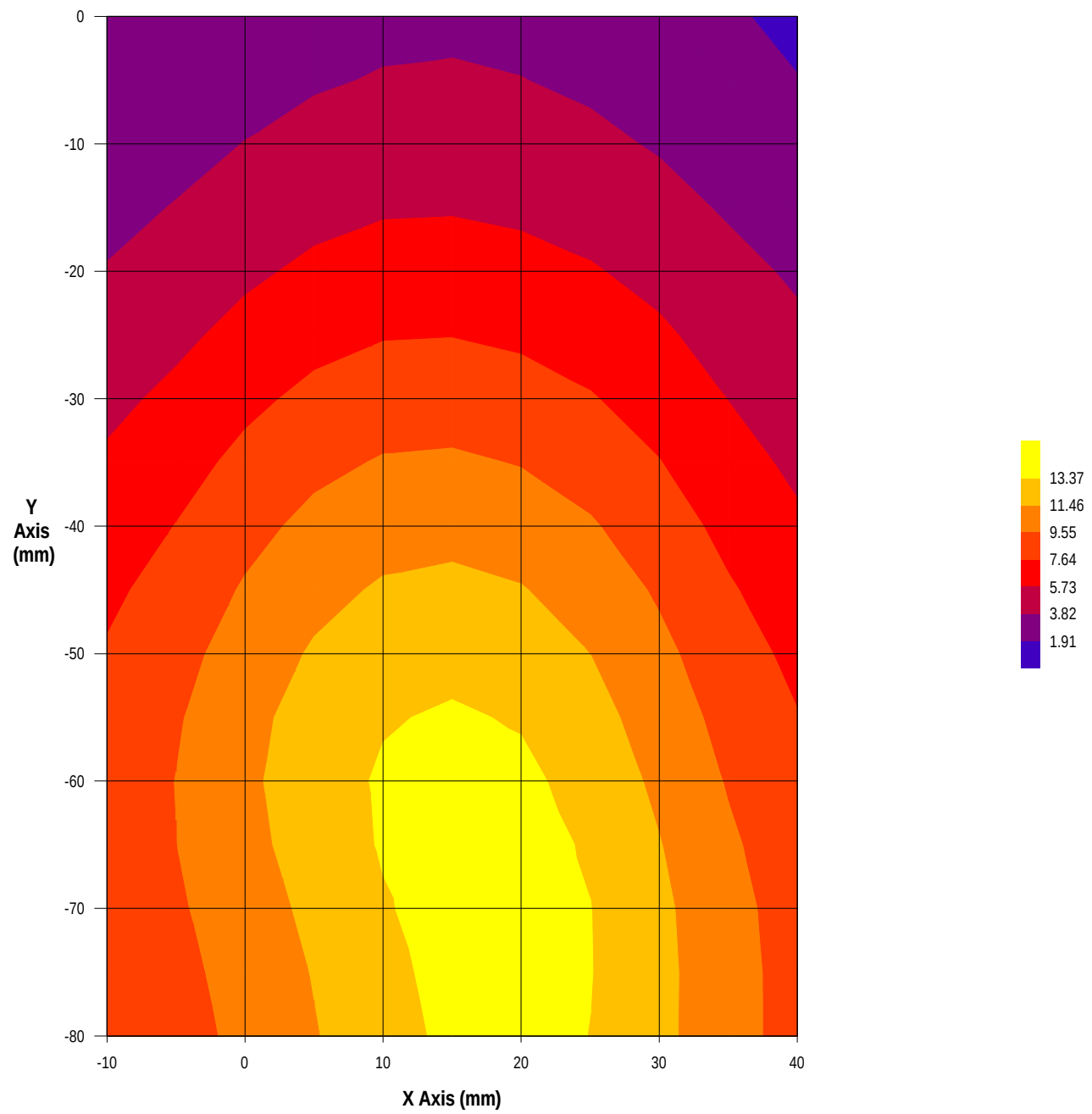
Measured Values (mV) :

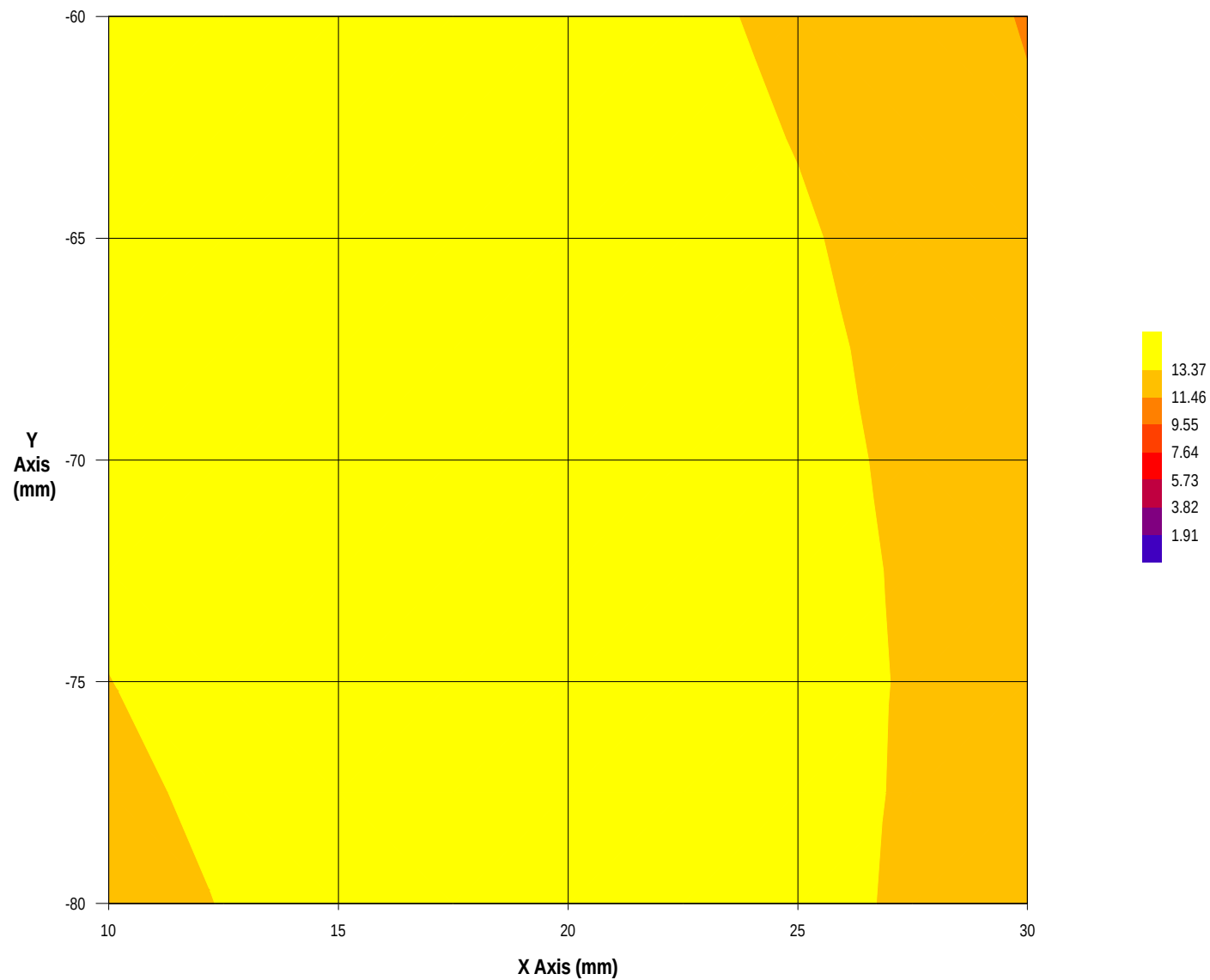
15.09	9.08	6.29	4.45	3.17	2.20
1.48	0.94	0.52	0.25	0.11	

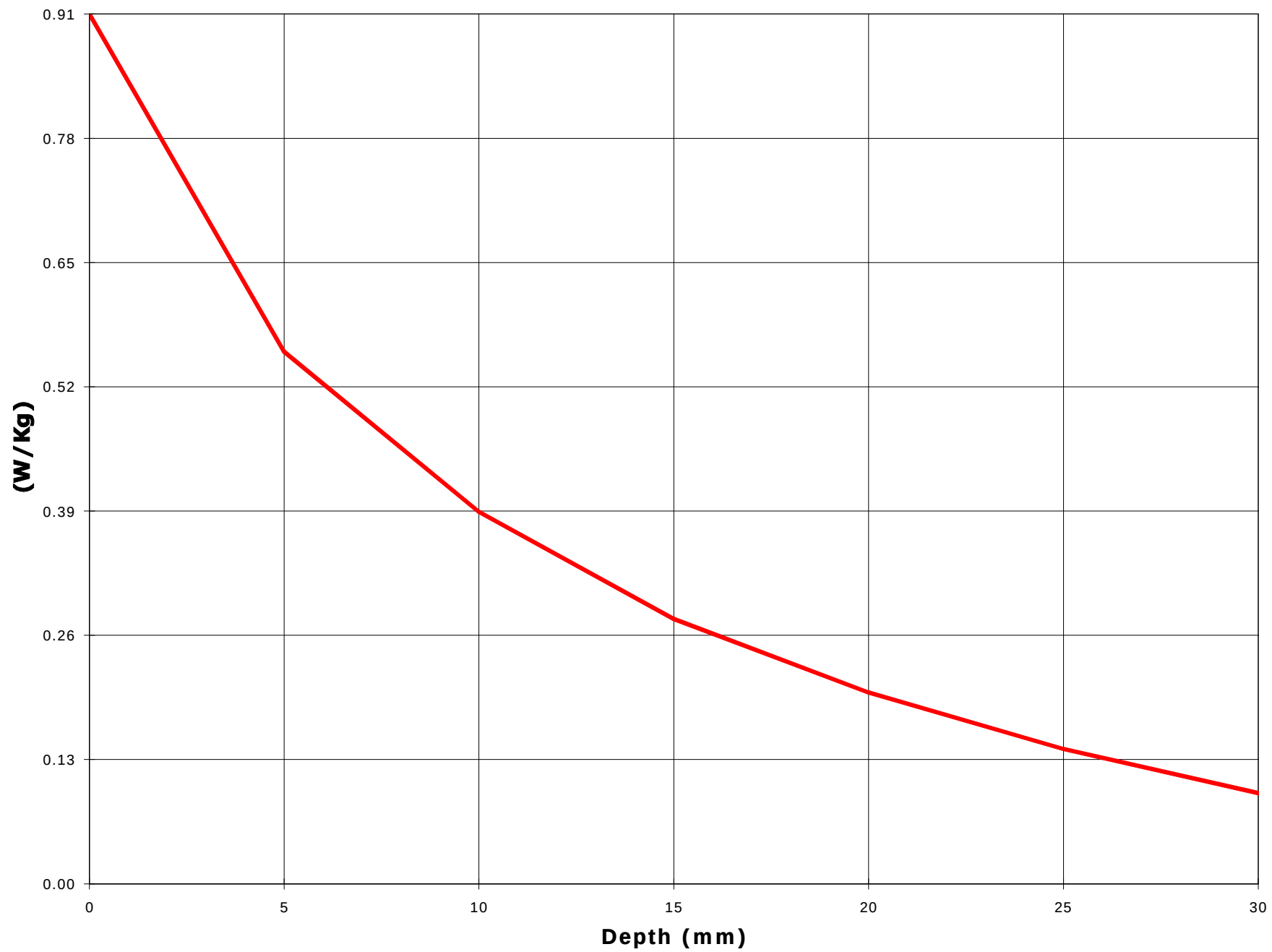
Peak Voltage (mV) : 19.66 1 Cm Voltage (mV) : 7.72 SAR (W/Kg) : 0.91











Test Information

Date : 10/26/99
Time : 4:55:12 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 837
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : CW

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.383
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.440

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

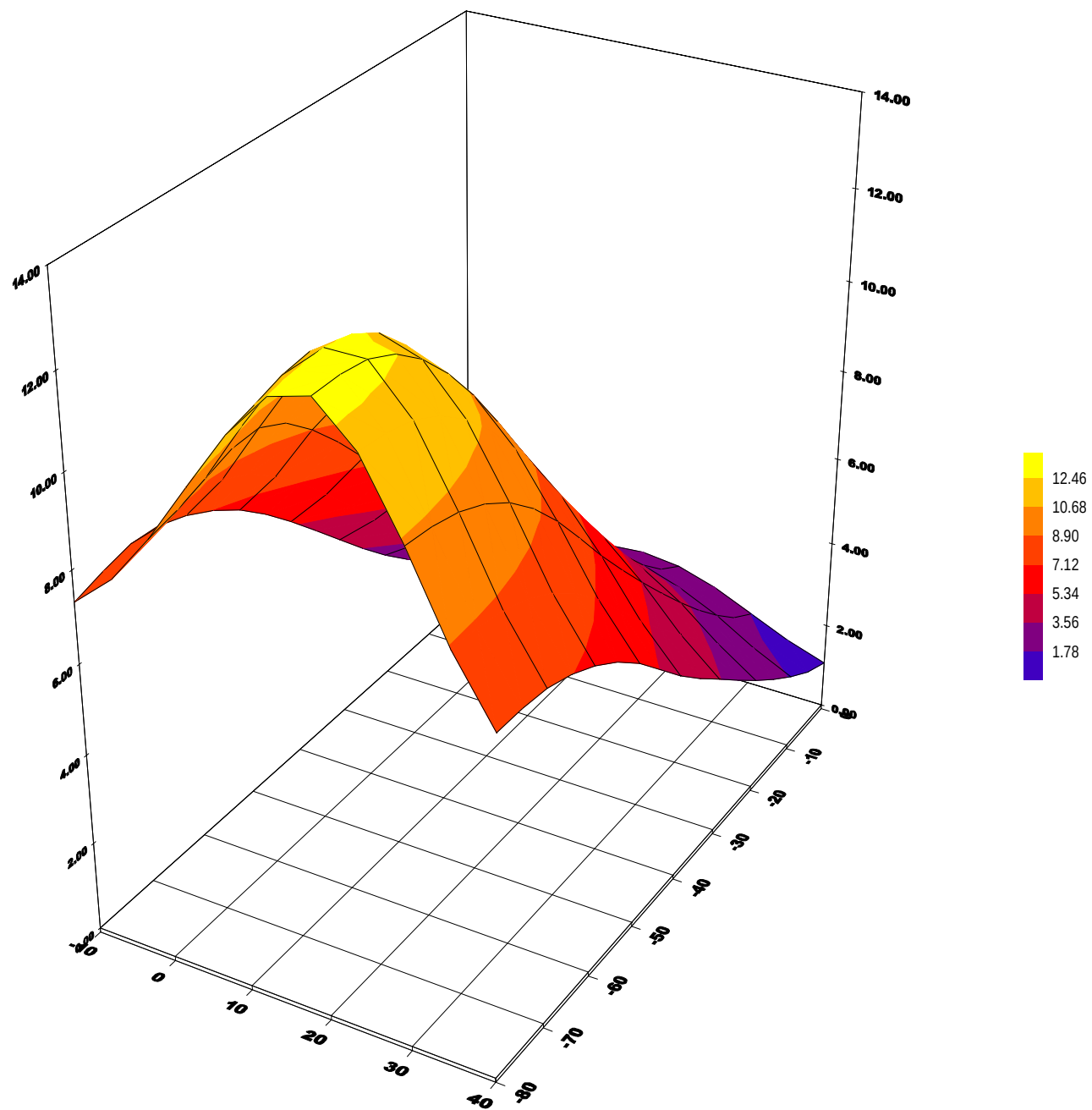
Location of Maximum Field :

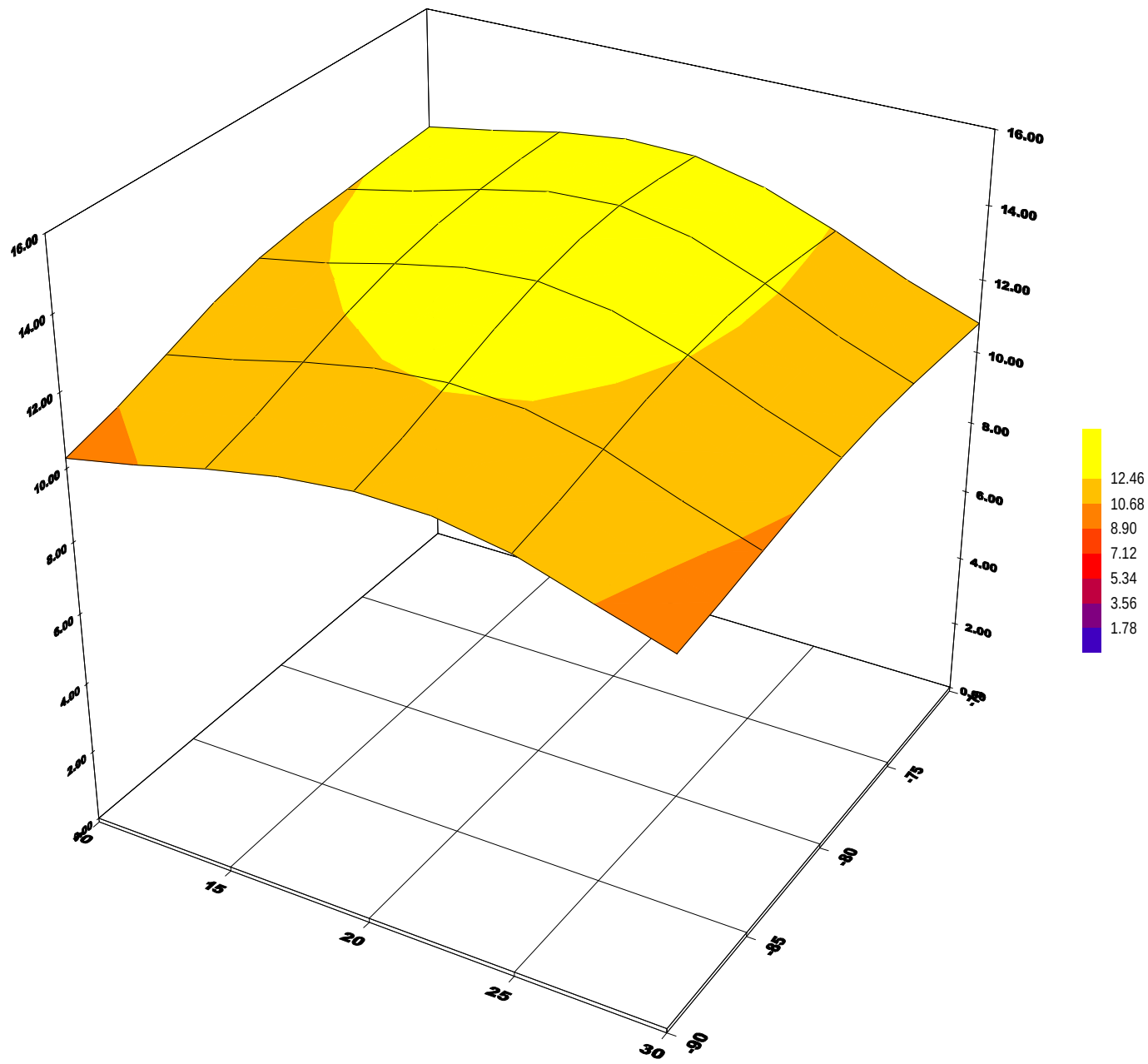
X = 20 Y = -75

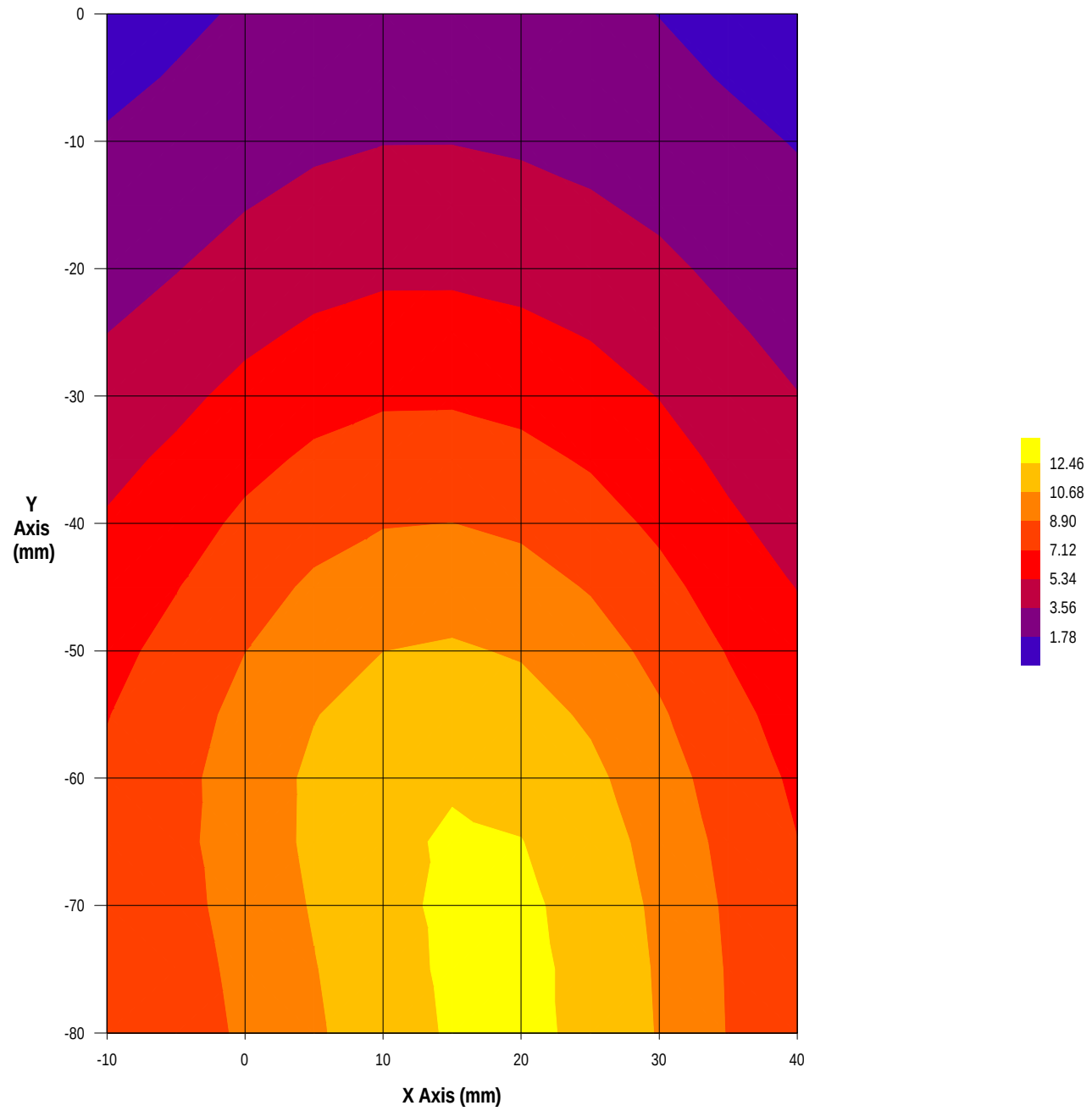
Measured Values (mV) :

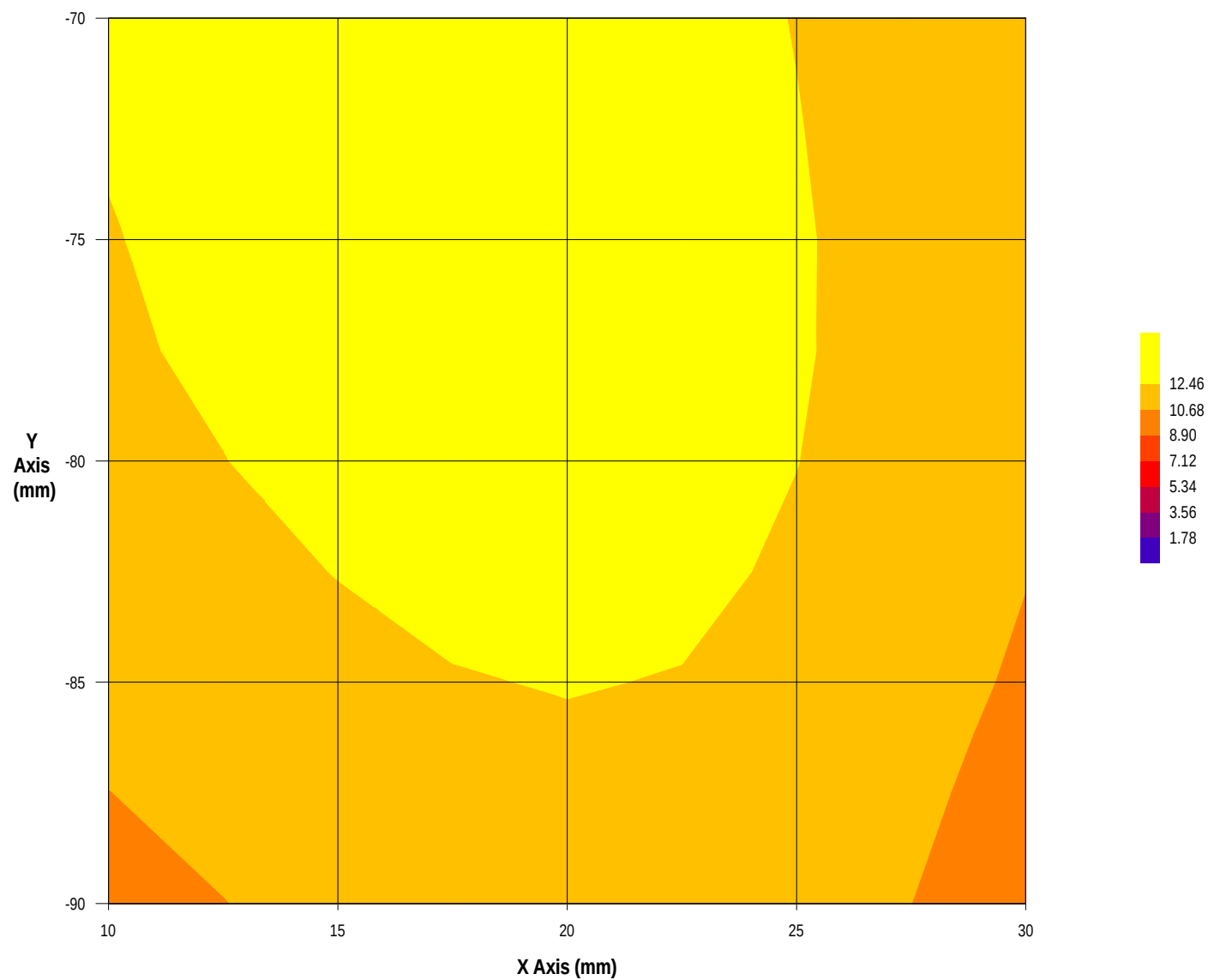
14.27	8.41	5.79	4.06	2.84	1.94
1.30	0.78	0.41	0.18	0.07	

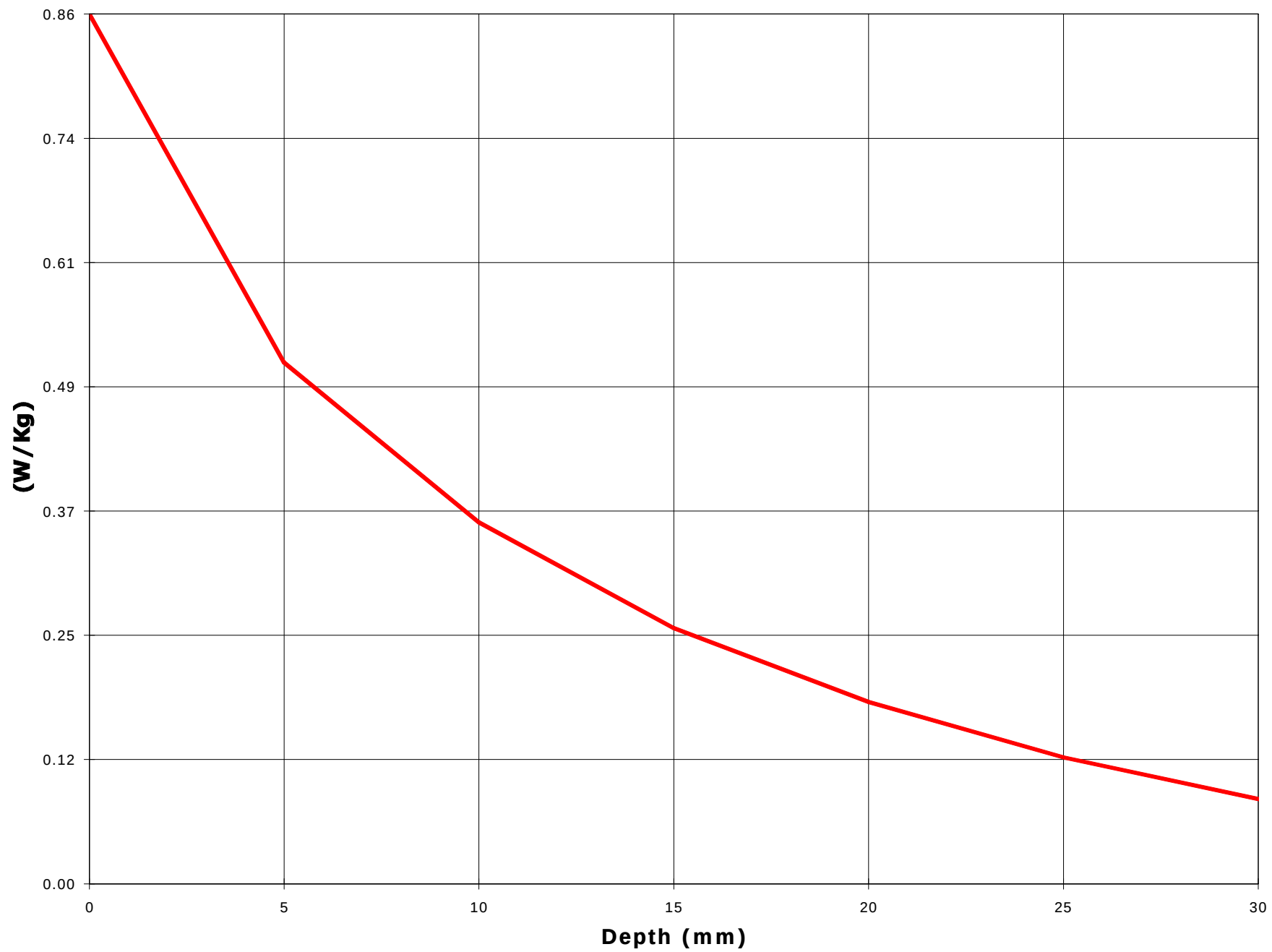
Peak Voltage (mV) : 18.73 1 Cm Voltage (mV) : 7.18 SAR (W/Kg) : 0.86











Test Information

Date : 10/26/99
Time : 4:31:54 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 849
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : CW

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.387
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.444

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

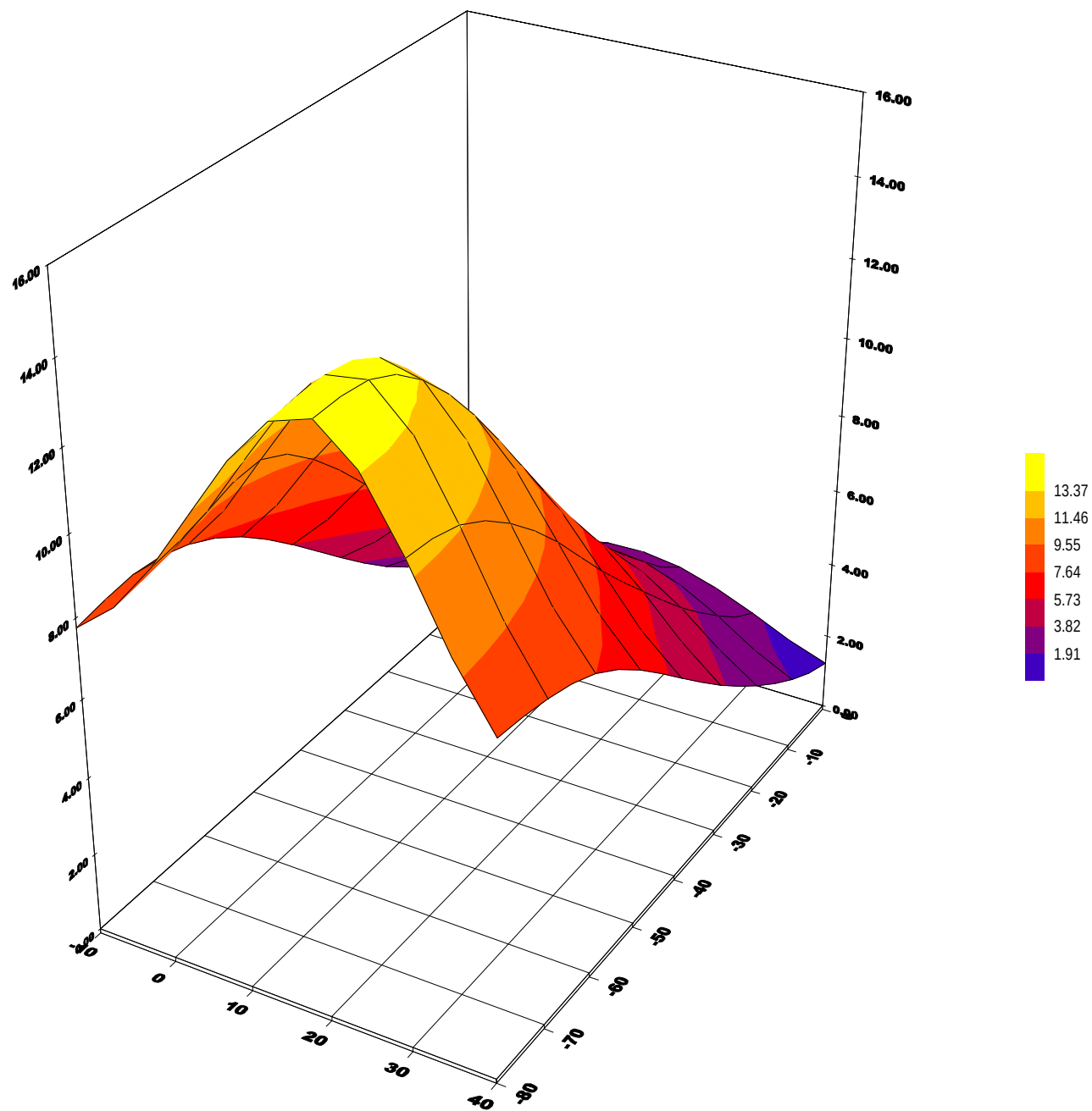
Location of Maximum Field :

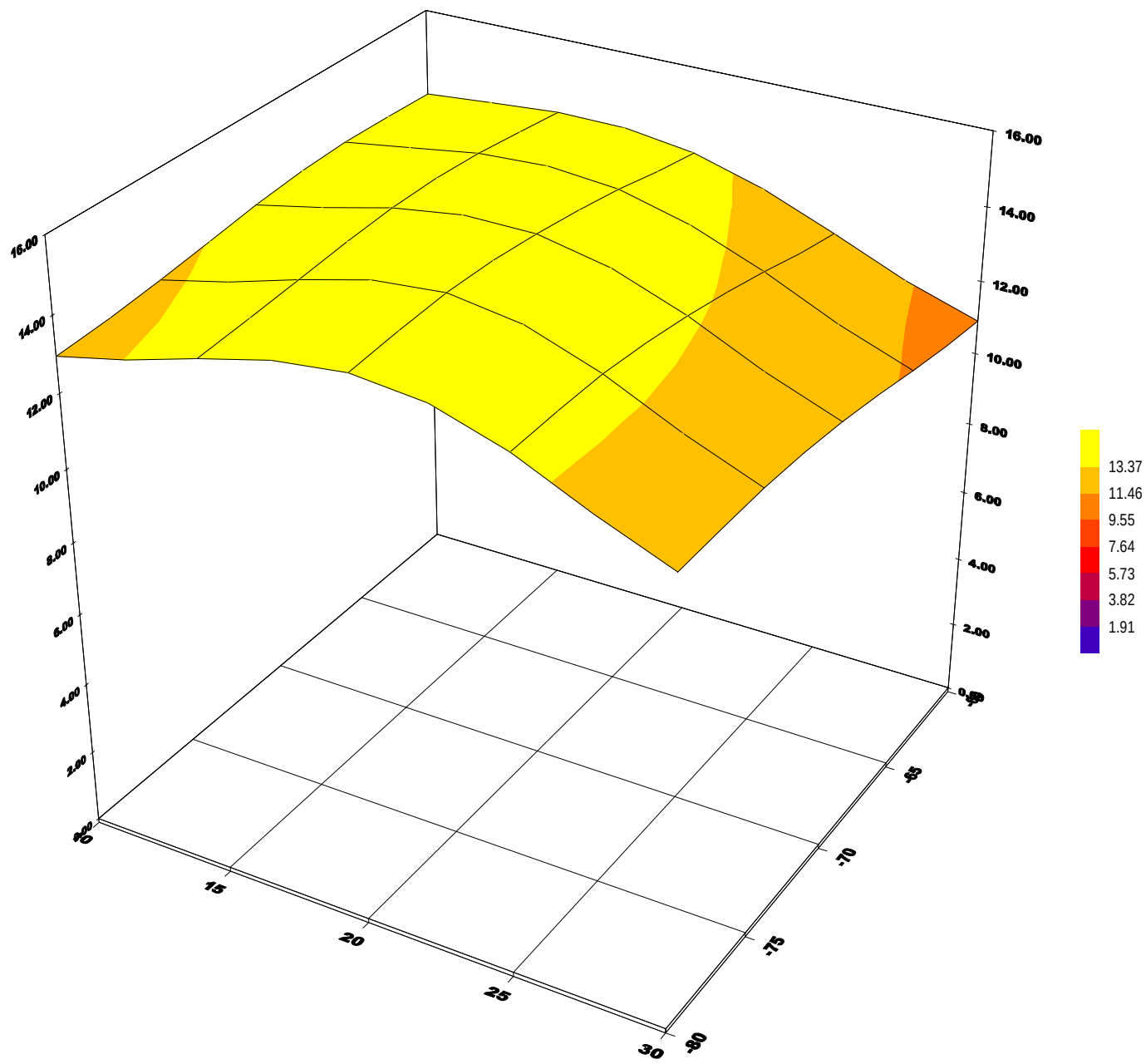
X = 20 Y = -75

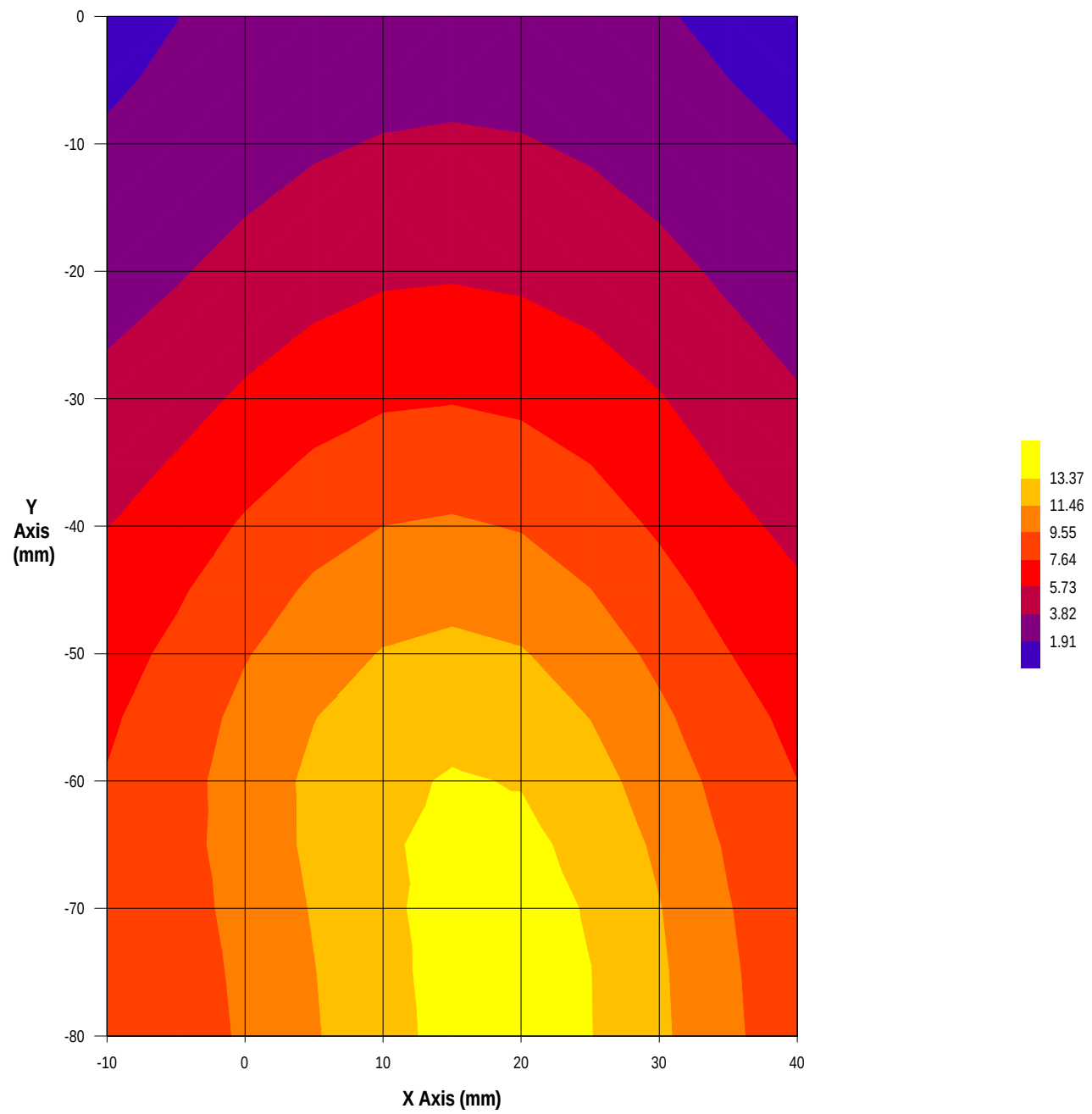
Measured Values (mV) :

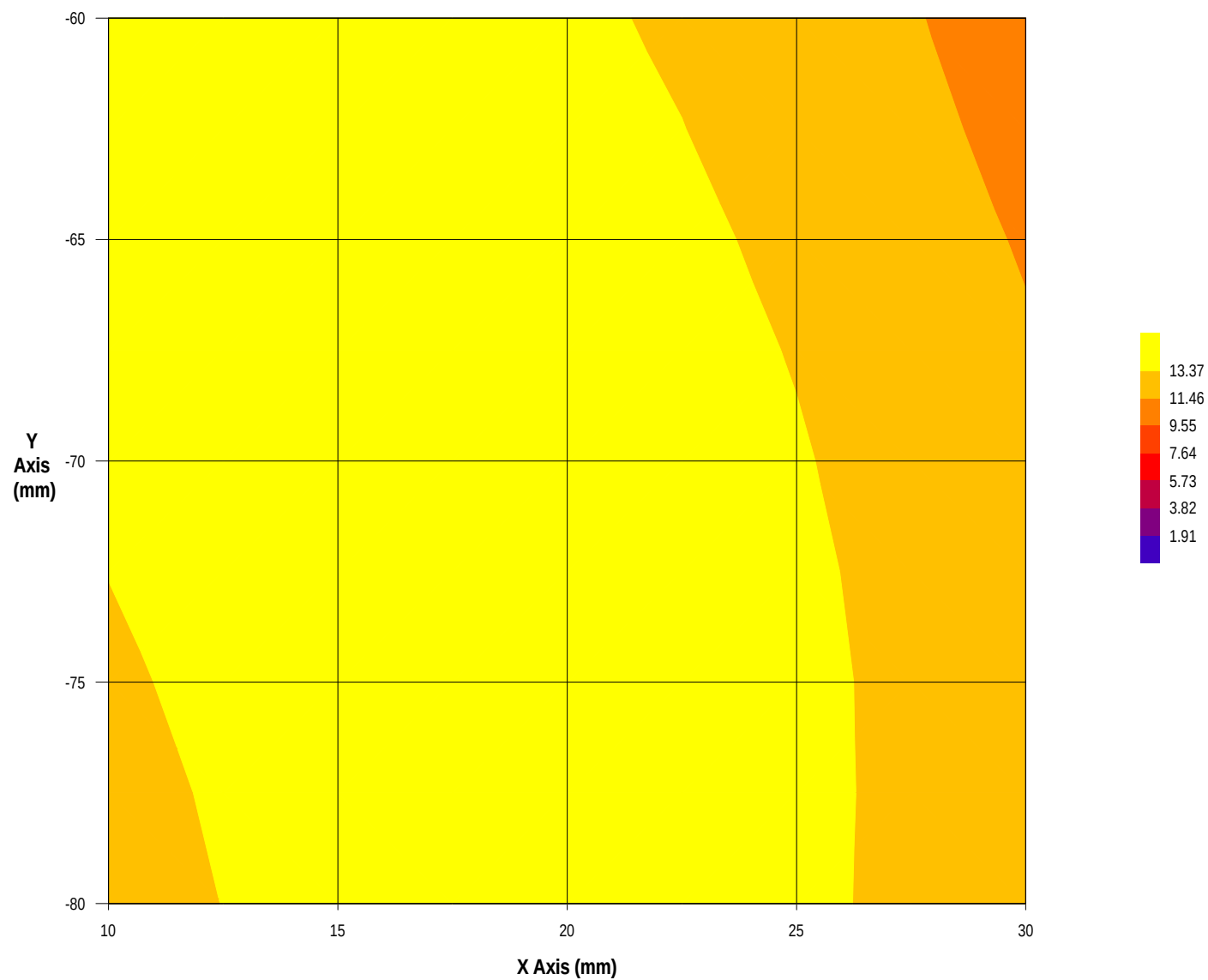
15.20	8.96	6.20	4.33	3.00	2.08
1.37	0.83	0.43	0.19	0.08	

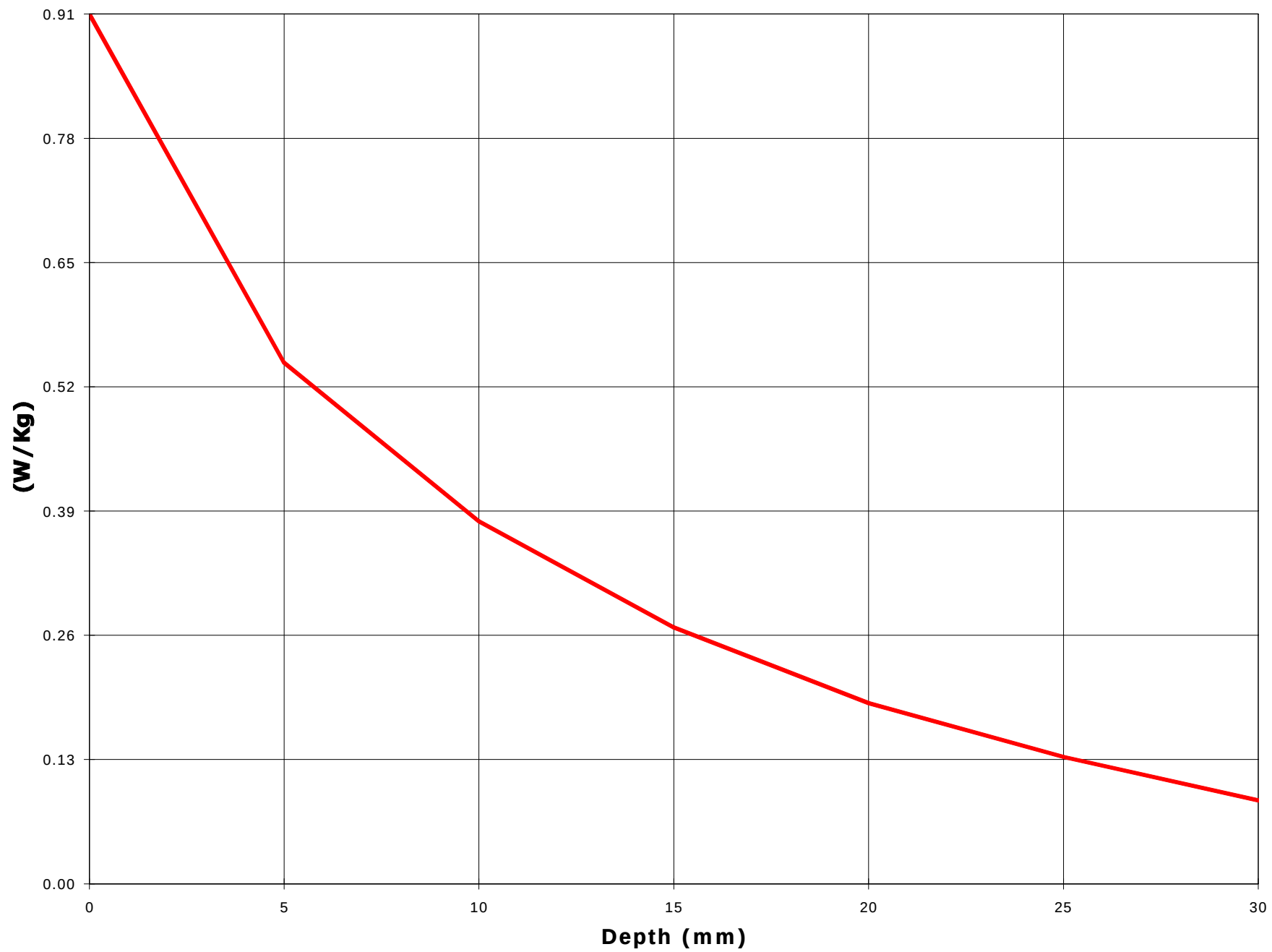
Peak Voltage (mV) : 19.93 1 Cm Voltage (mV) : 7.71 SAR (W/Kg) : 0.91











Test Information

Date : 10/26/99
Time : 2:04:37 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 825
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.145
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.166

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

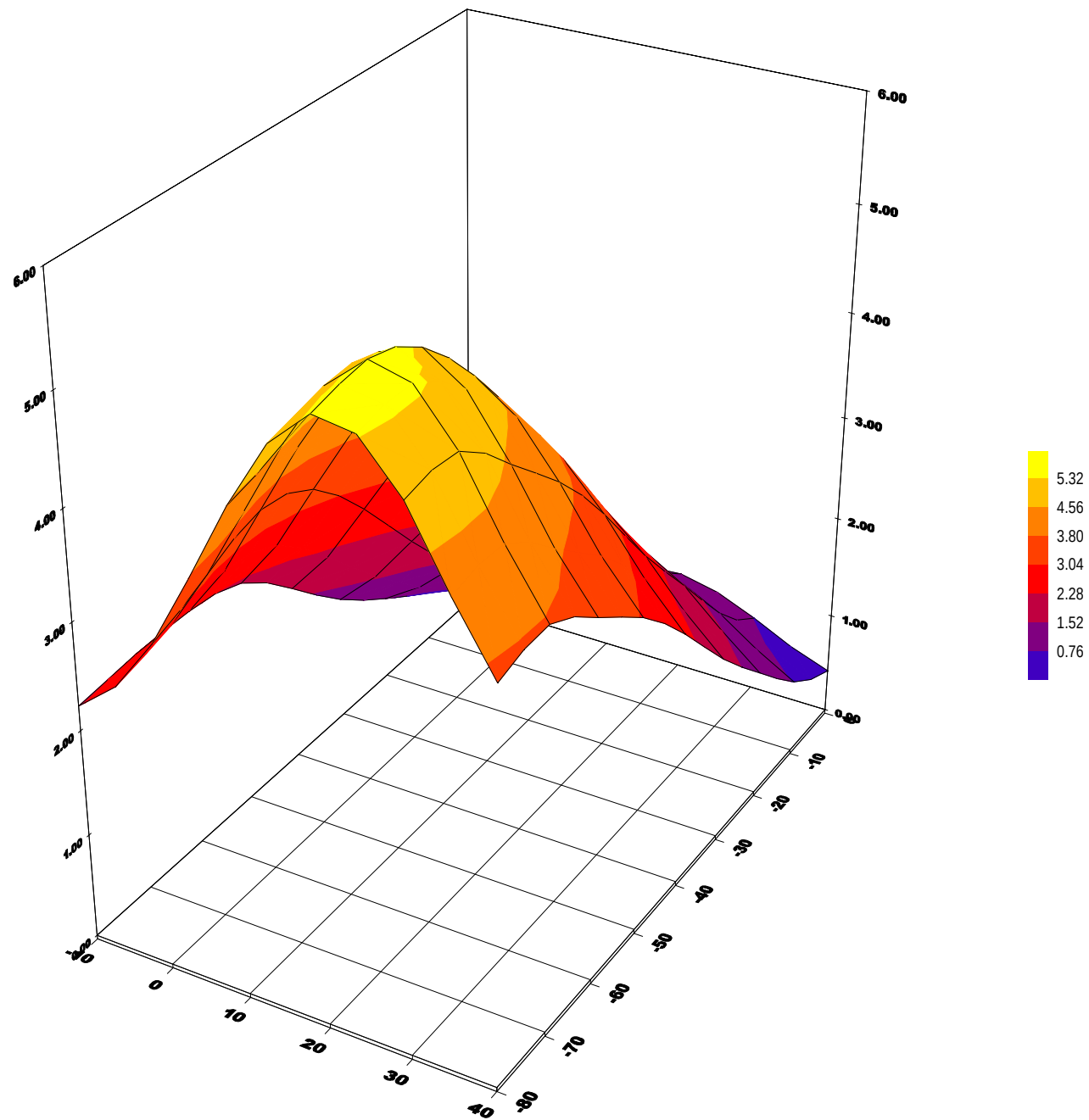
Location of Maximum Field :

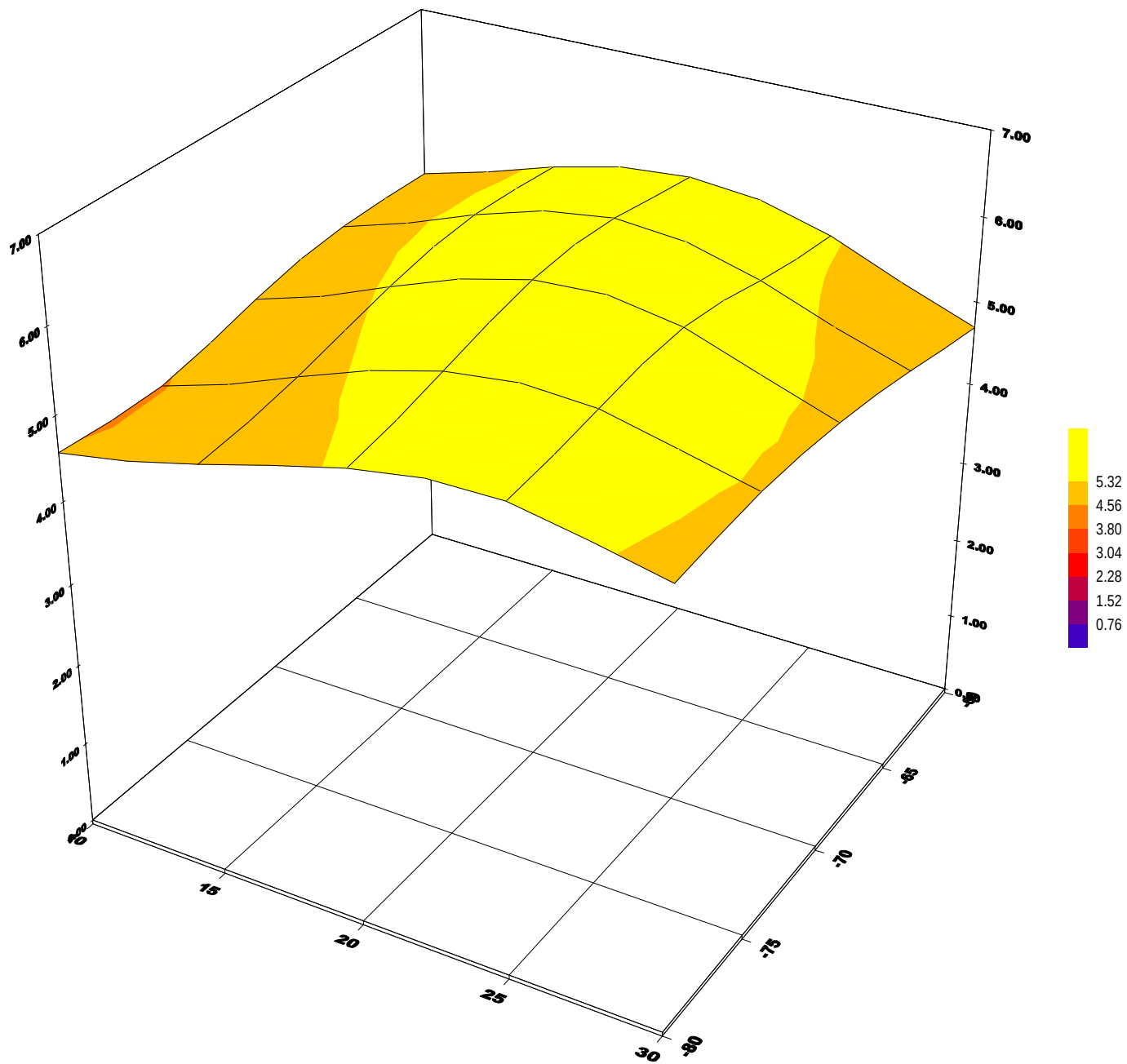
X = 20 Y = -65

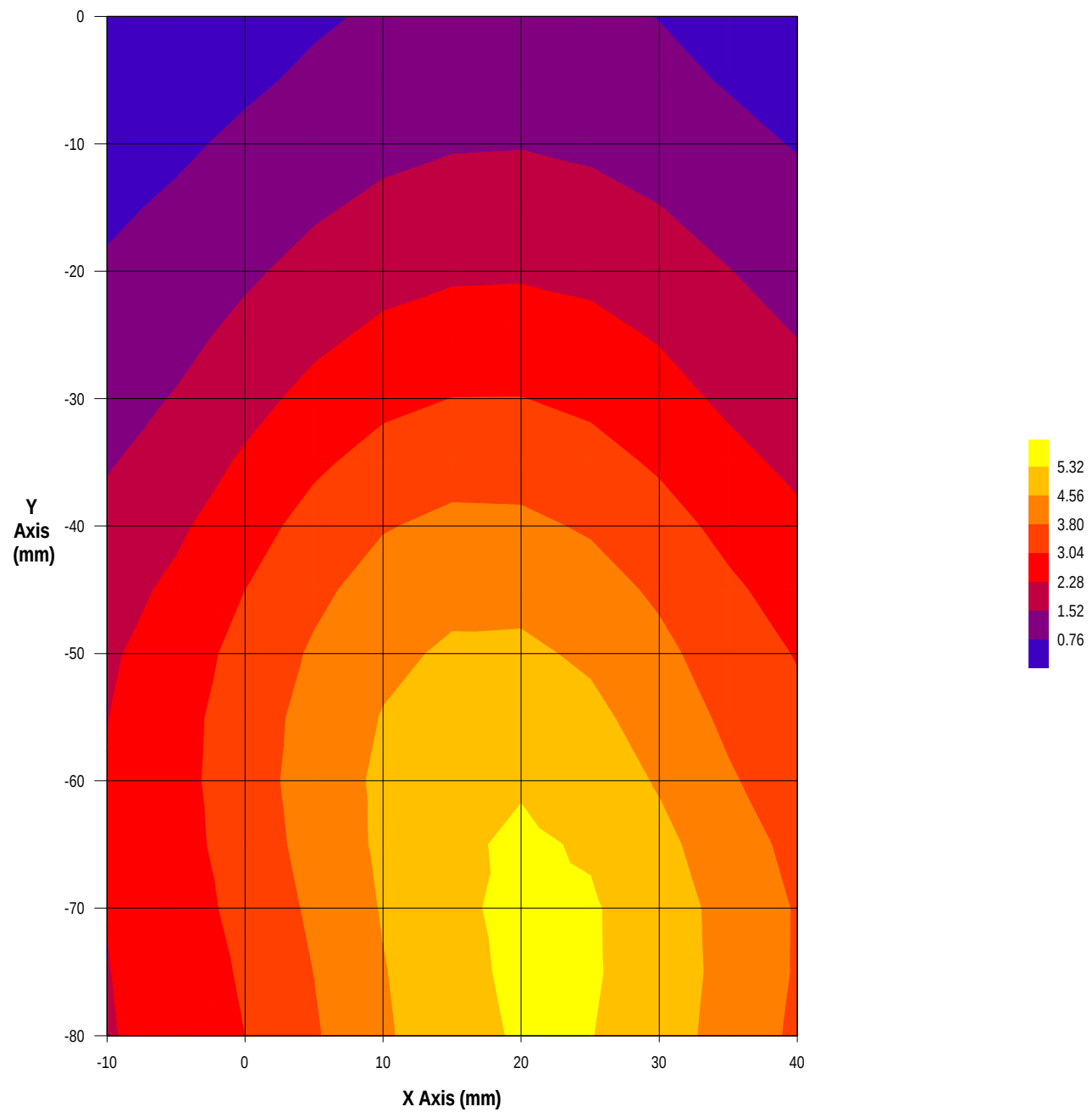
Measured Values (mV) :

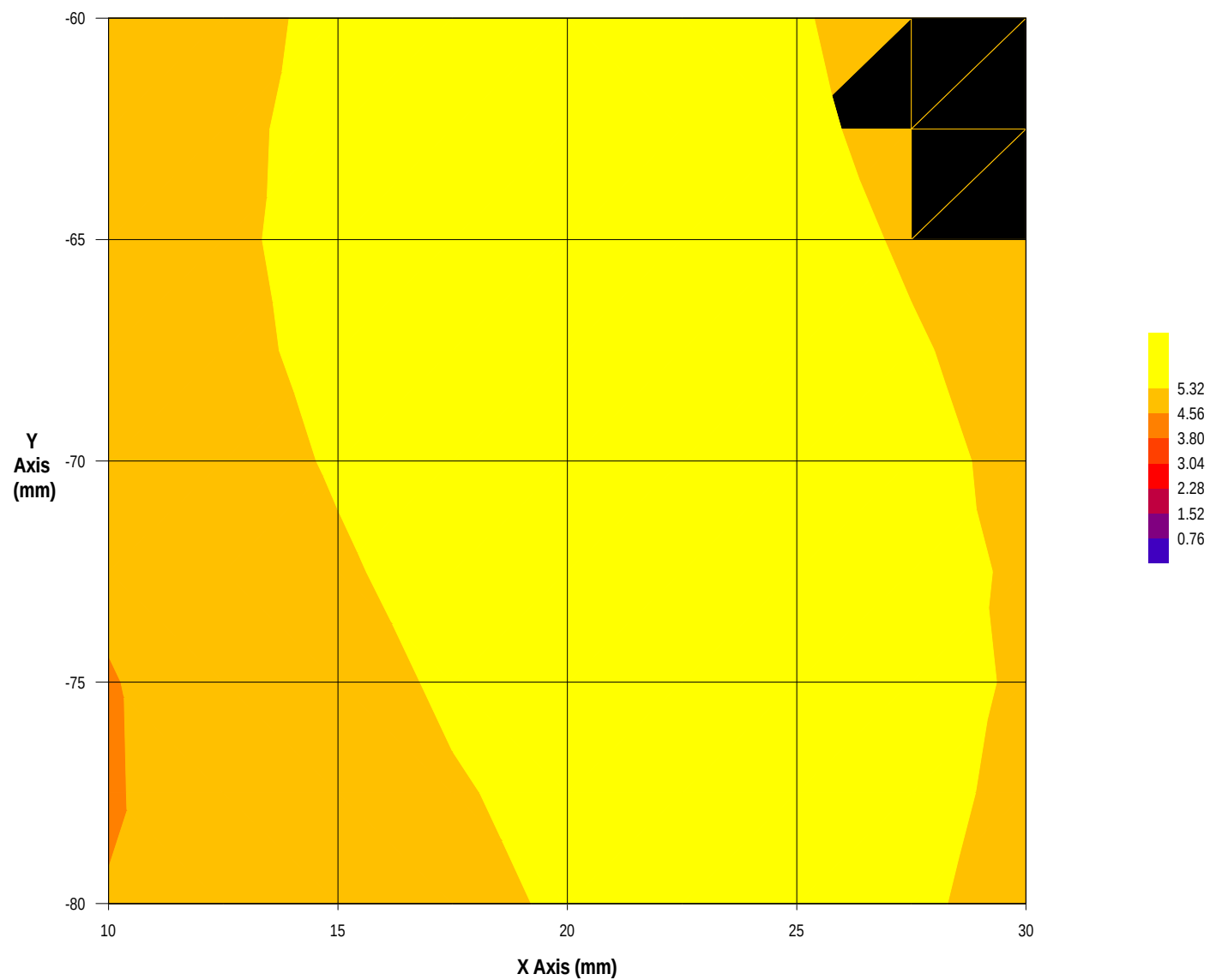
5.98	3.42	2.22	1.54	0.96	0.54
0.26	0.09	0.01	0.00	0.00	

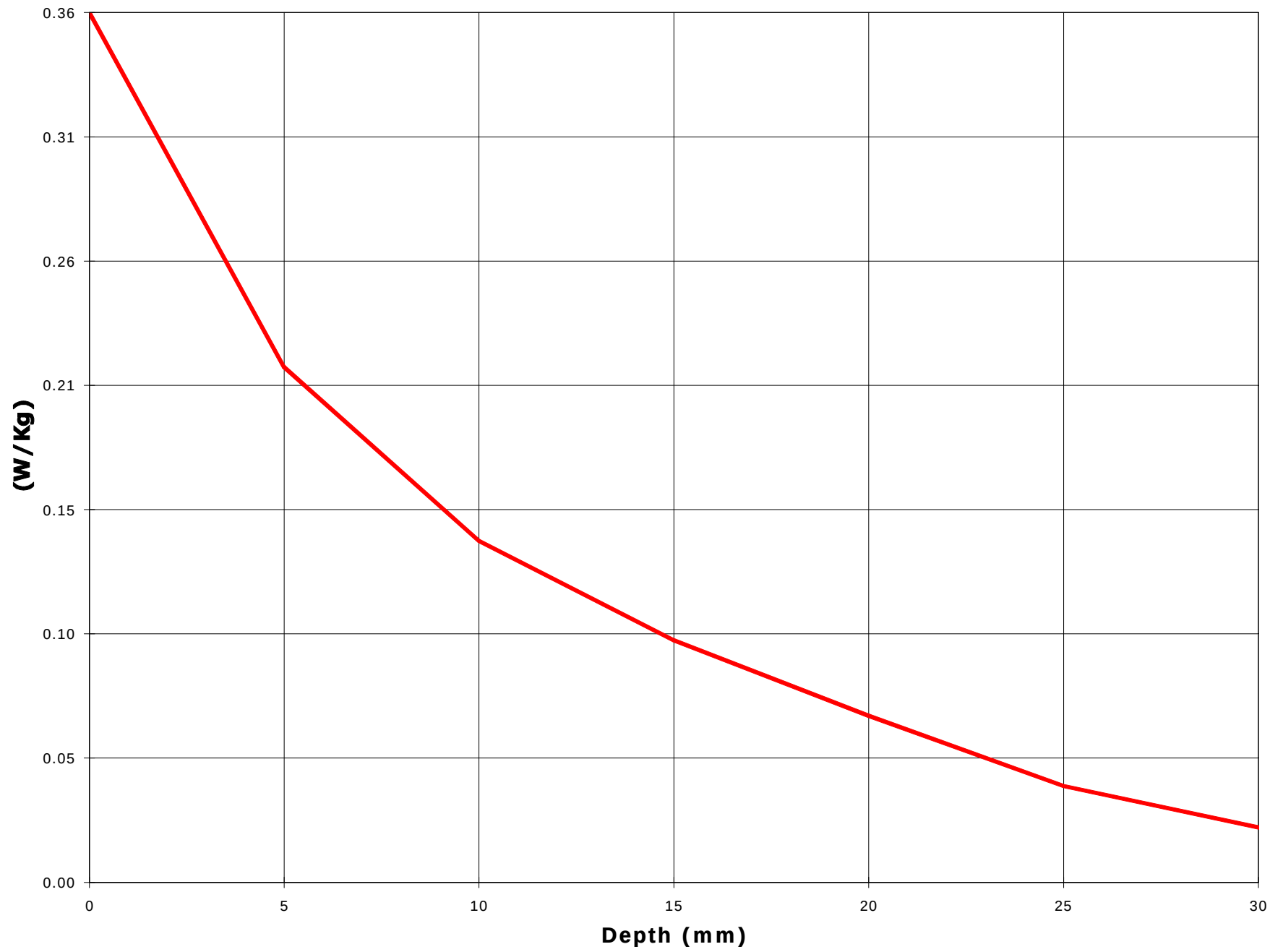
Peak Voltage (mV) : 8.07 1 Cm Voltage (mV) : 2.85 SAR (W/Kg) : 0.36











Test Information

Date : 10/26/99
Time : 2:24:07 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 836
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.139
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.160

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

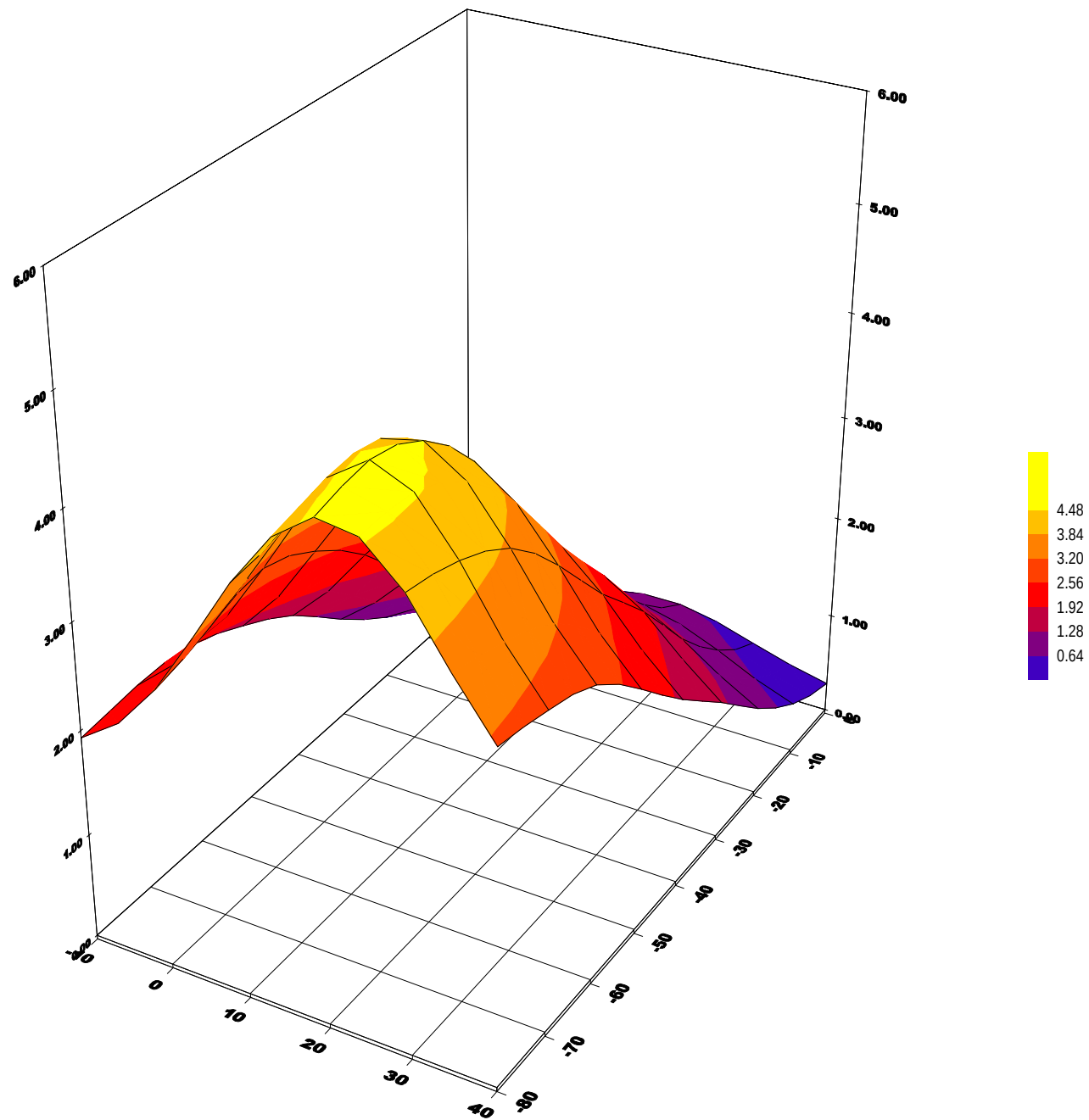
Location of Maximum Field :

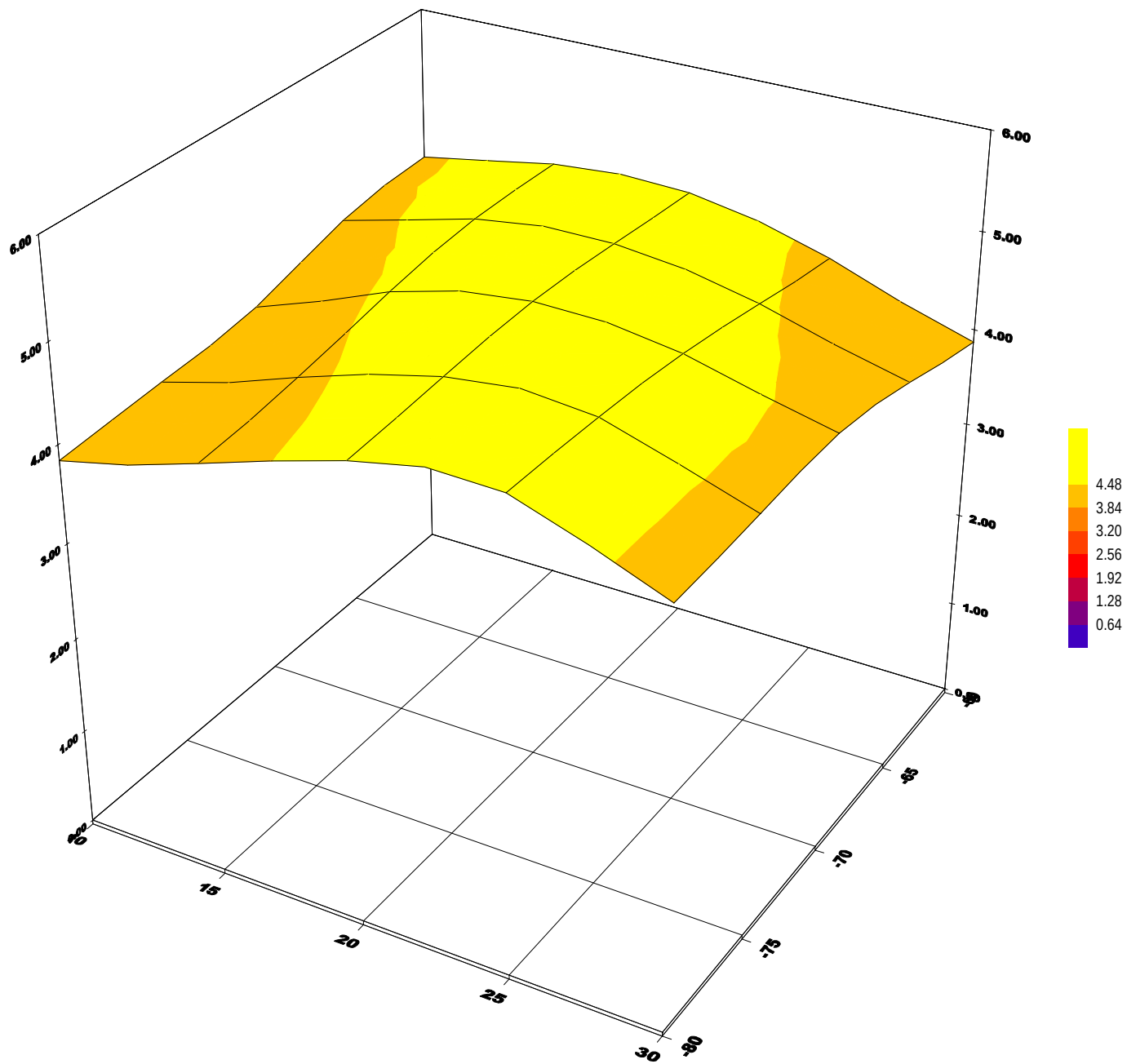
X = 25 Y = -80

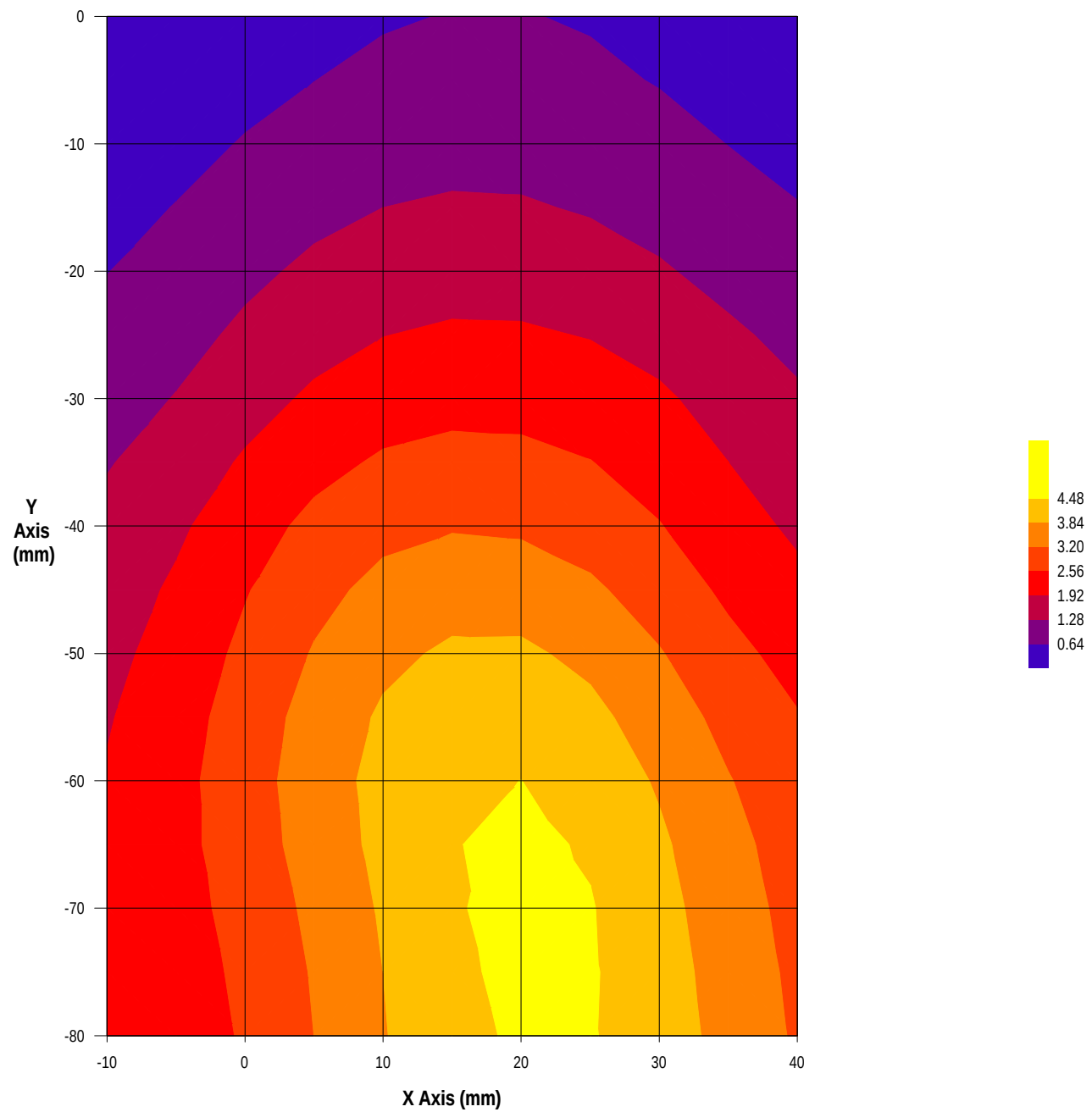
Measured Values (mV) :

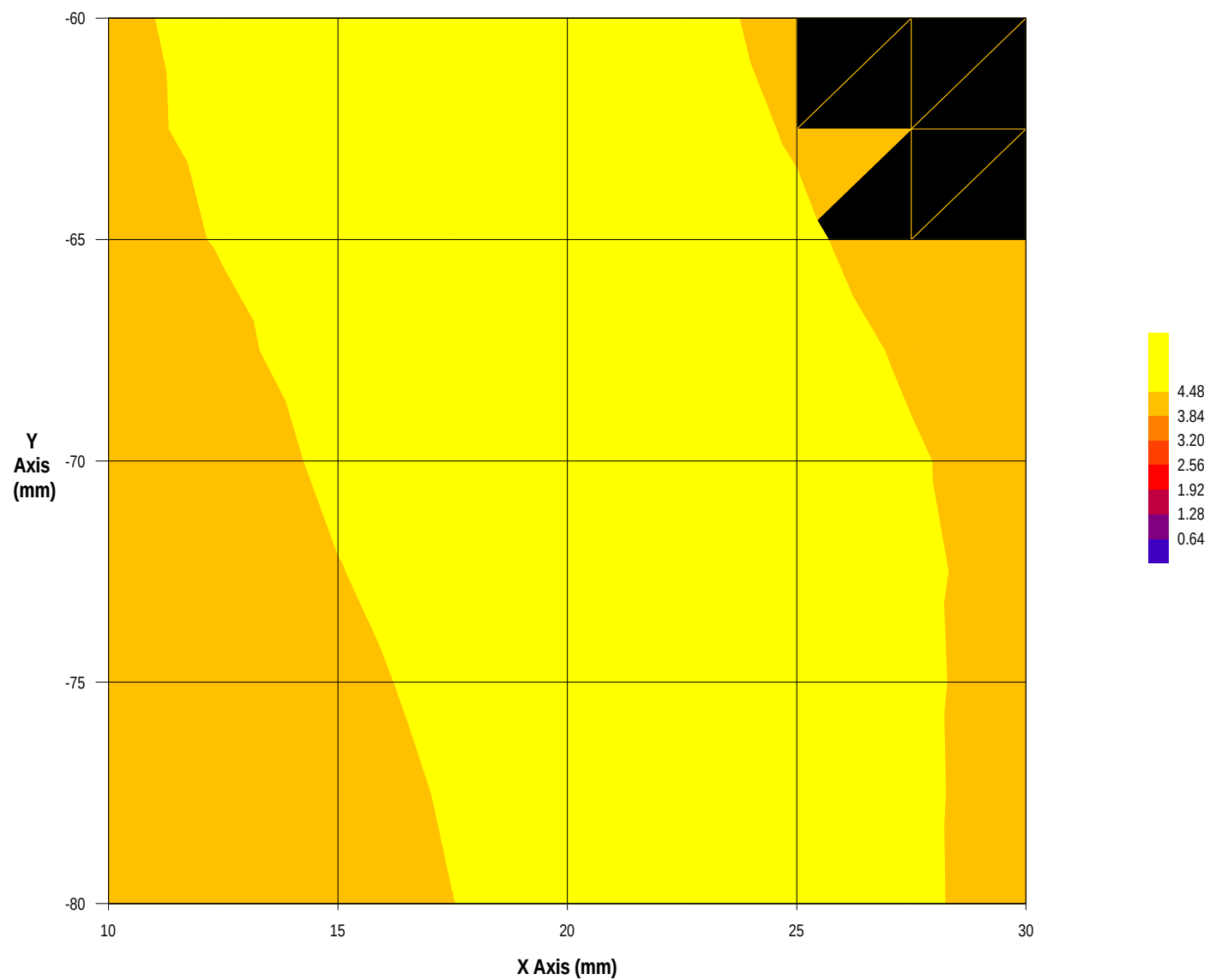
4.98	2.60	1.64	1.05	0.55	0.26
0.10	0.01	0.00	0.00	0.00	

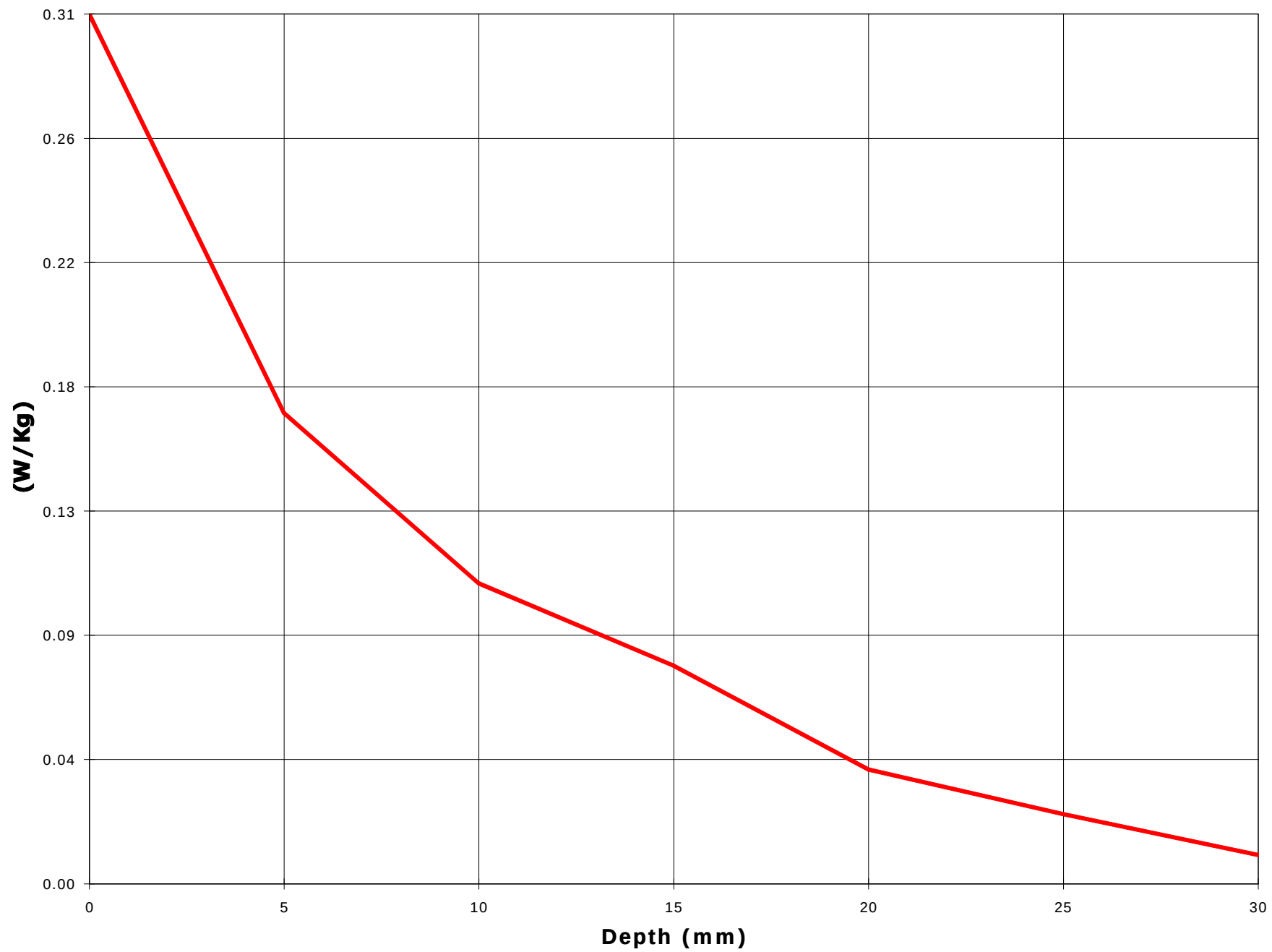
Peak Voltage (mV) : 6.97 1 Cm Voltage (mV) : 2.28 SAR (W/Kg) : 0.31











Test Information

Date : 10/26/99
Time : 2:46:43 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 849
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.135
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.155

Amplifier Setting :

Channel 1 : 0.0045 Channel 2 : 0.0039 Channel 3 : 0.0031

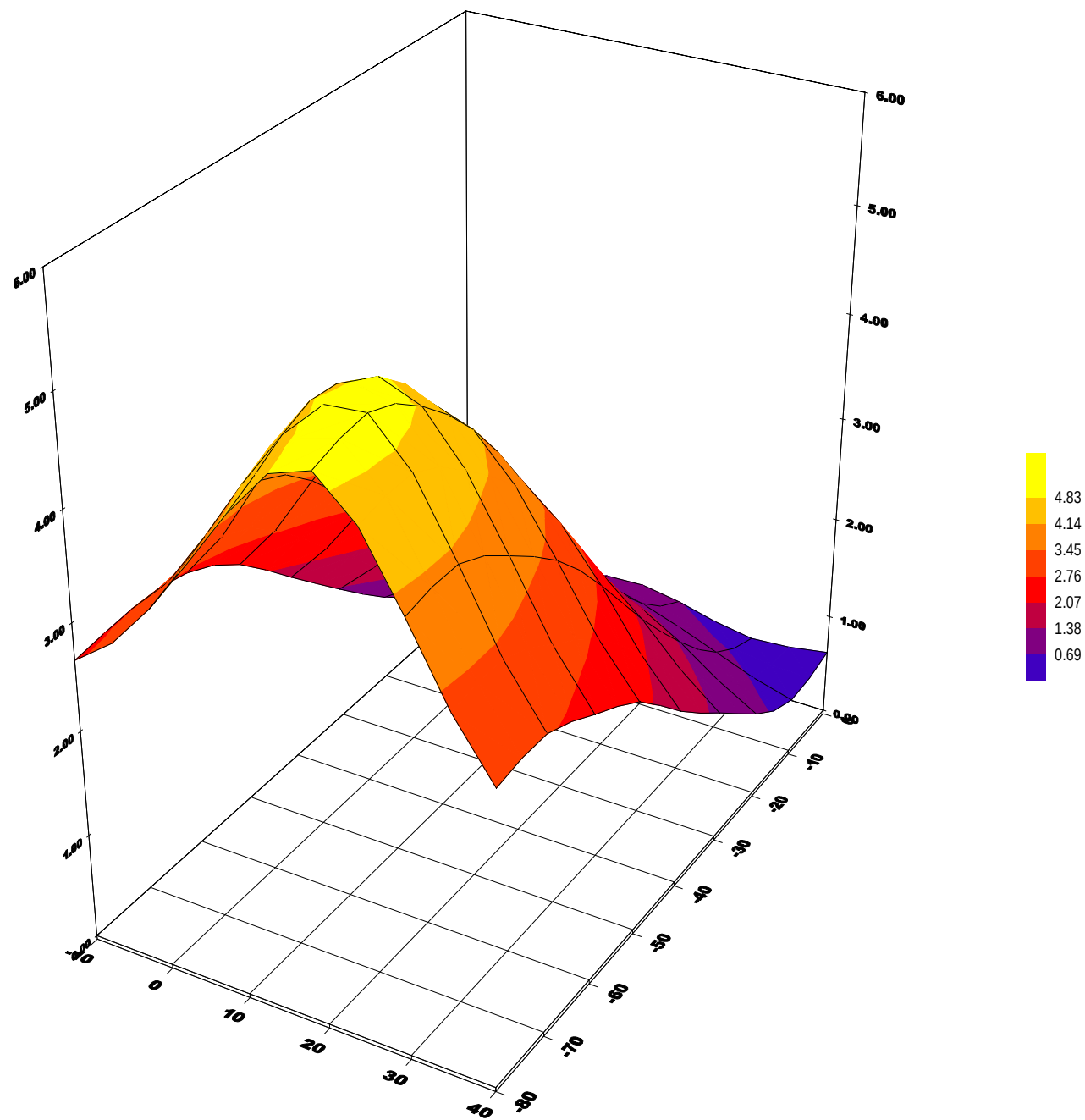
Location of Maximum Field :

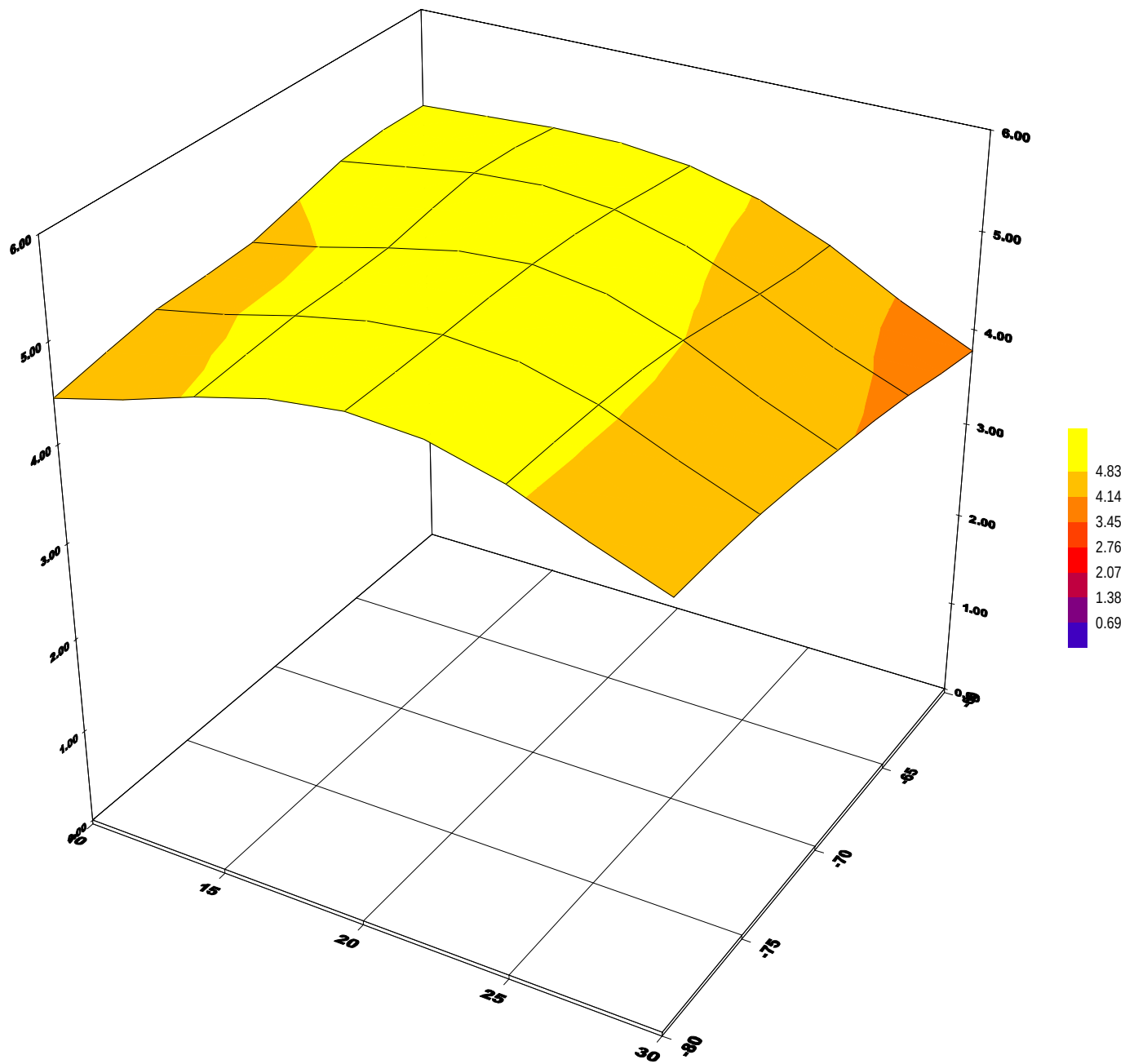
X = 20 Y = -70

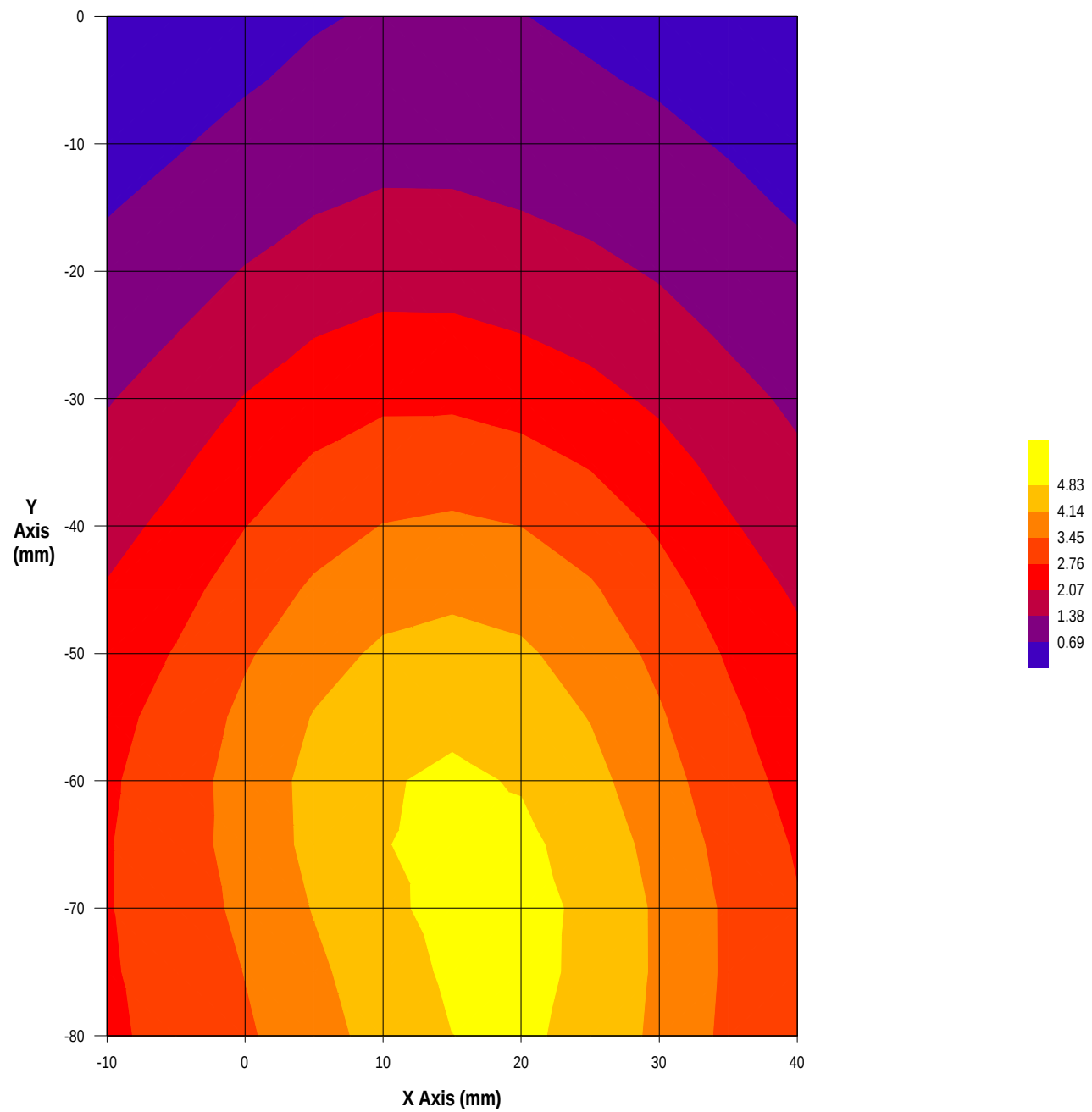
Measured Values (mV) :

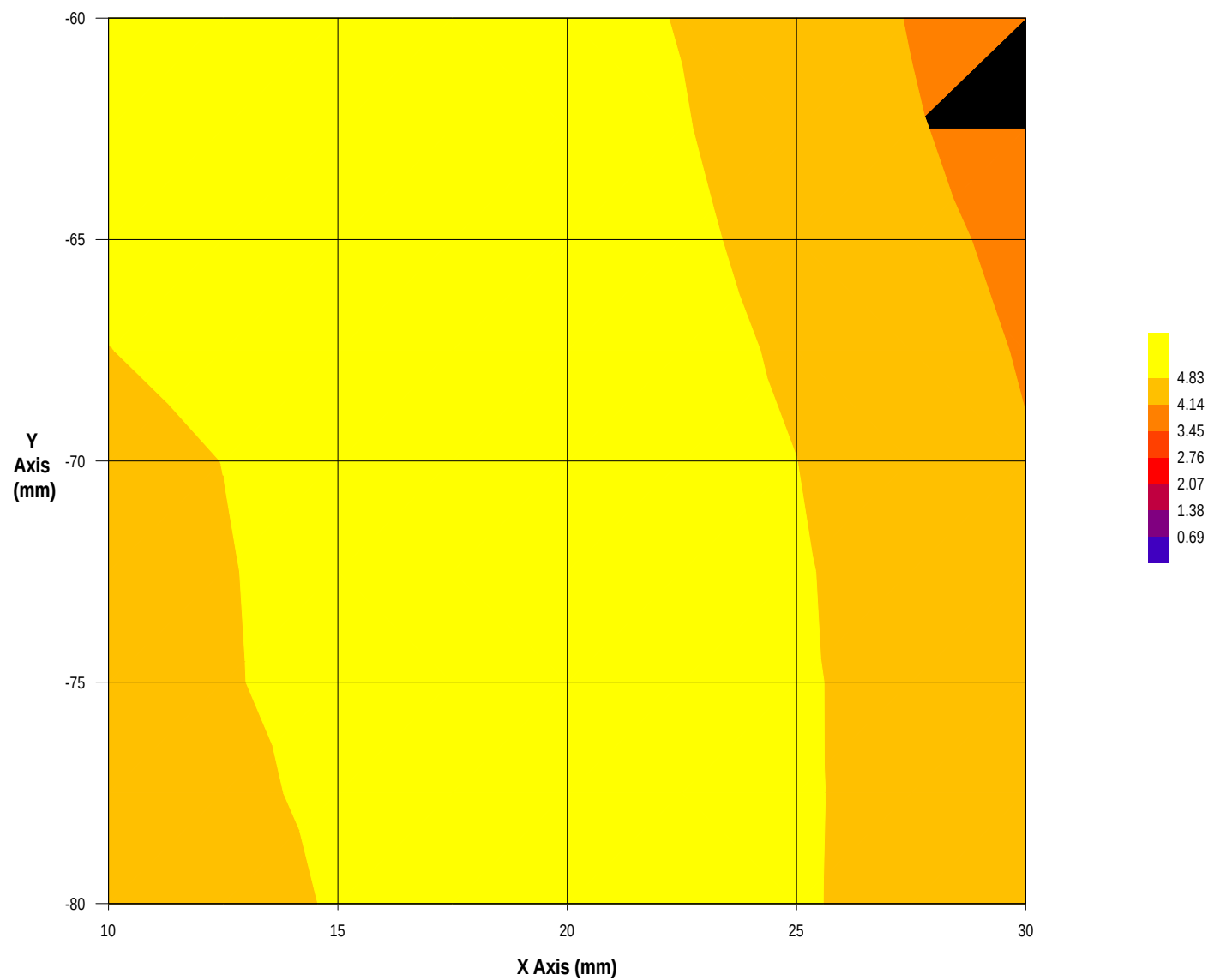
5.45	2.93	1.91	1.26	0.72	0.38
0.17	0.04	0.00	0.00	0.00	

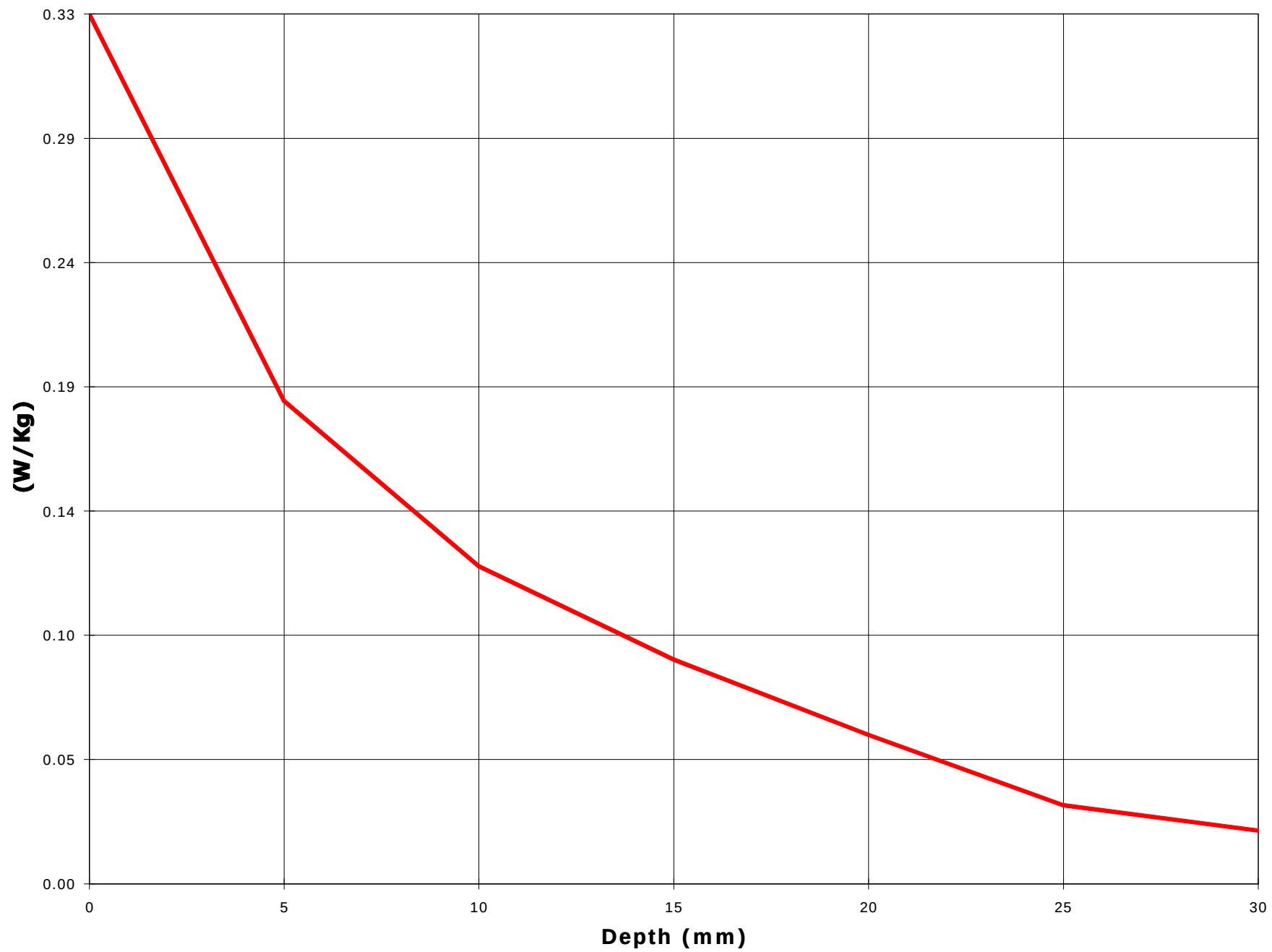
Peak Voltage (mV) : 7.50 1 Cm Voltage (mV) : 2.56 SAR (W/Kg) : 0.33











Test Information

Date : 10/25/99
Time : 4:05:46 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 1850
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 47.7
Conductivity : 1.54

Probe : E3
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 1.36
Calibrated Date : 4/23/99

Antenna Position : FIX
Measured Power (W) : 0.120
(conducted)
Cable Insertion Loss (dB) : 1.2
Compensated Power (W) : 0.158

Amplifier Setting :

Channel 1 : 0.0046 Channel 2 : 0.0042 Channel 3 : 0.0032

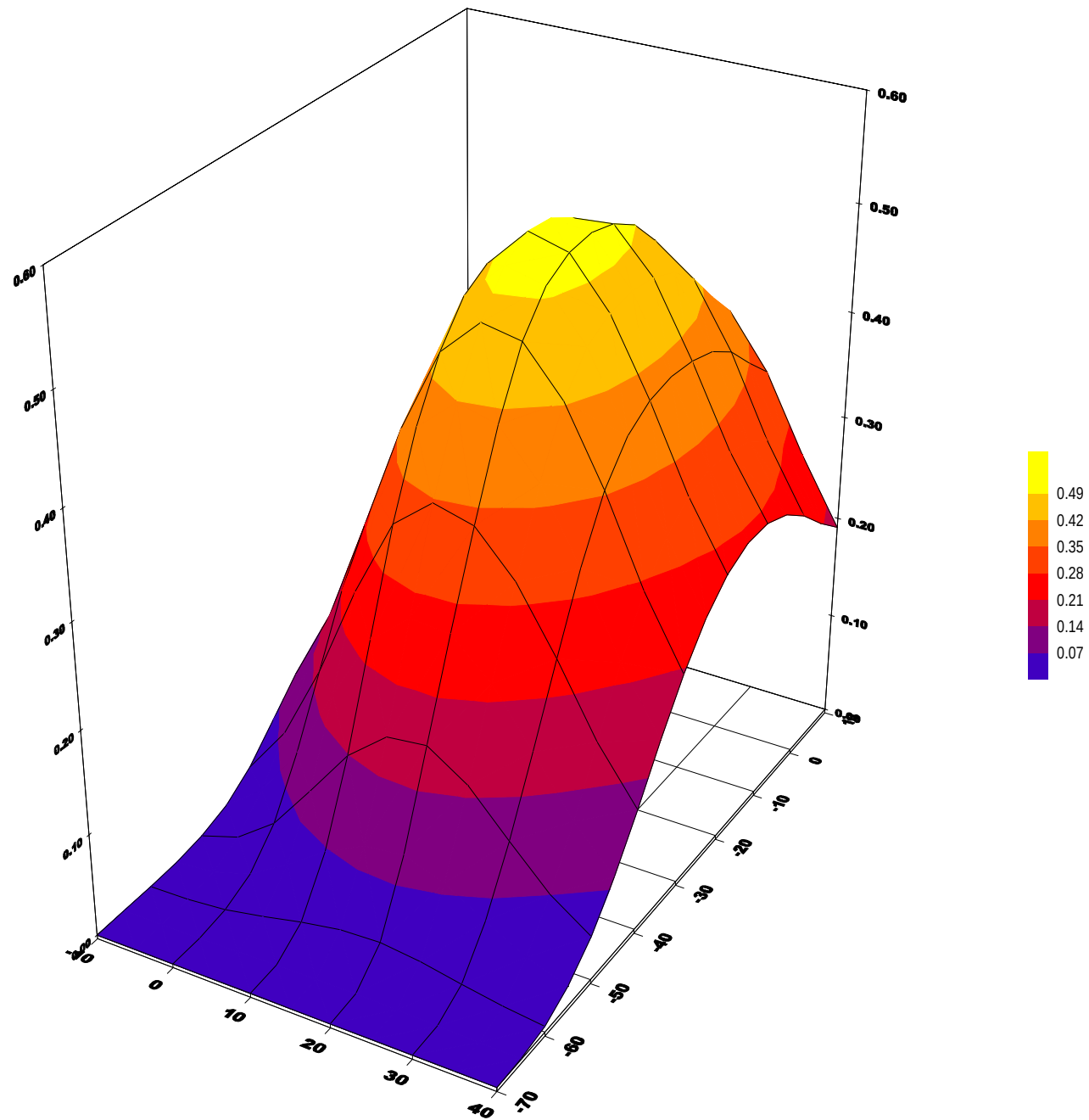
Location of Maximum Field :

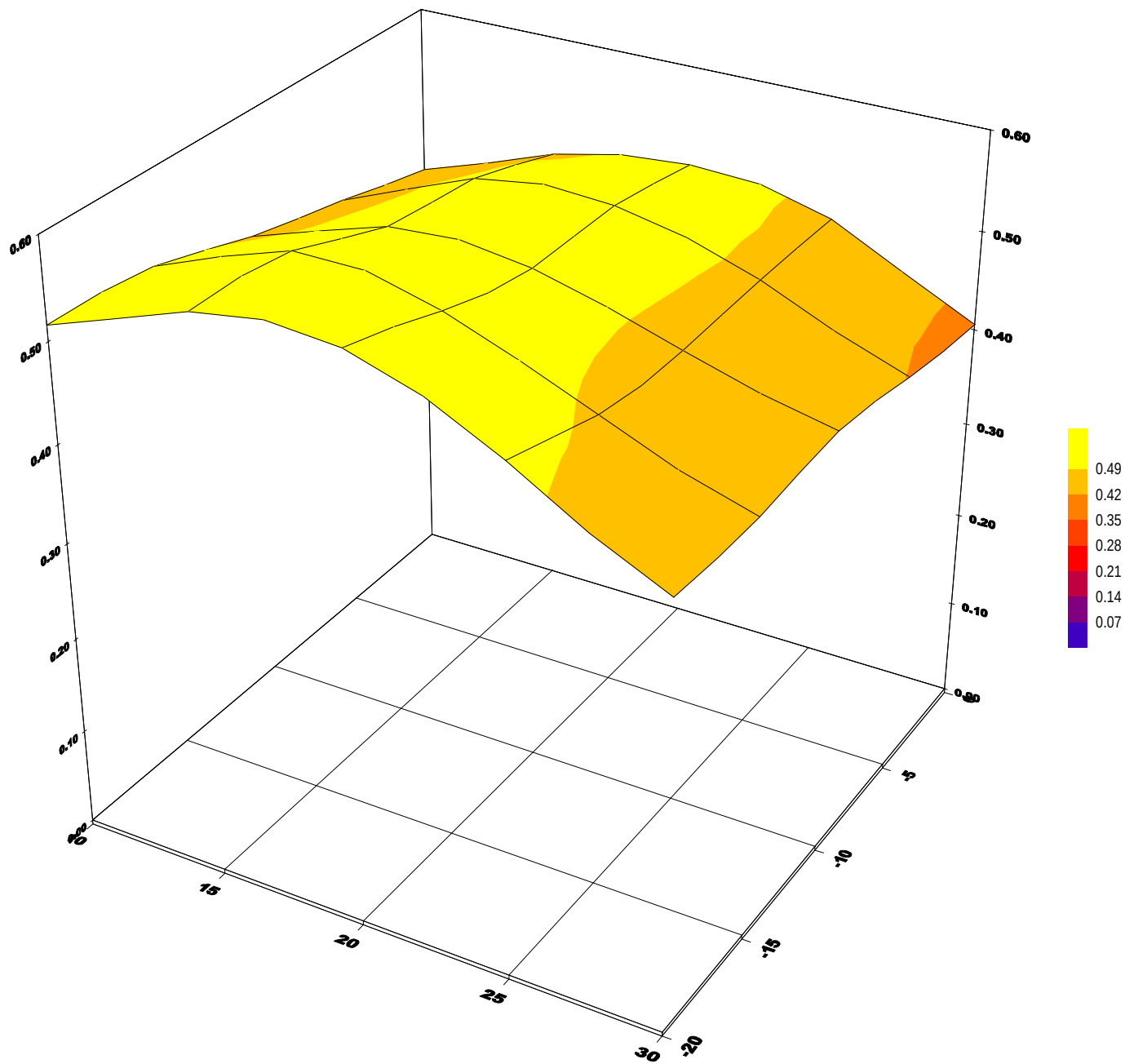
X = 15 Y = -15

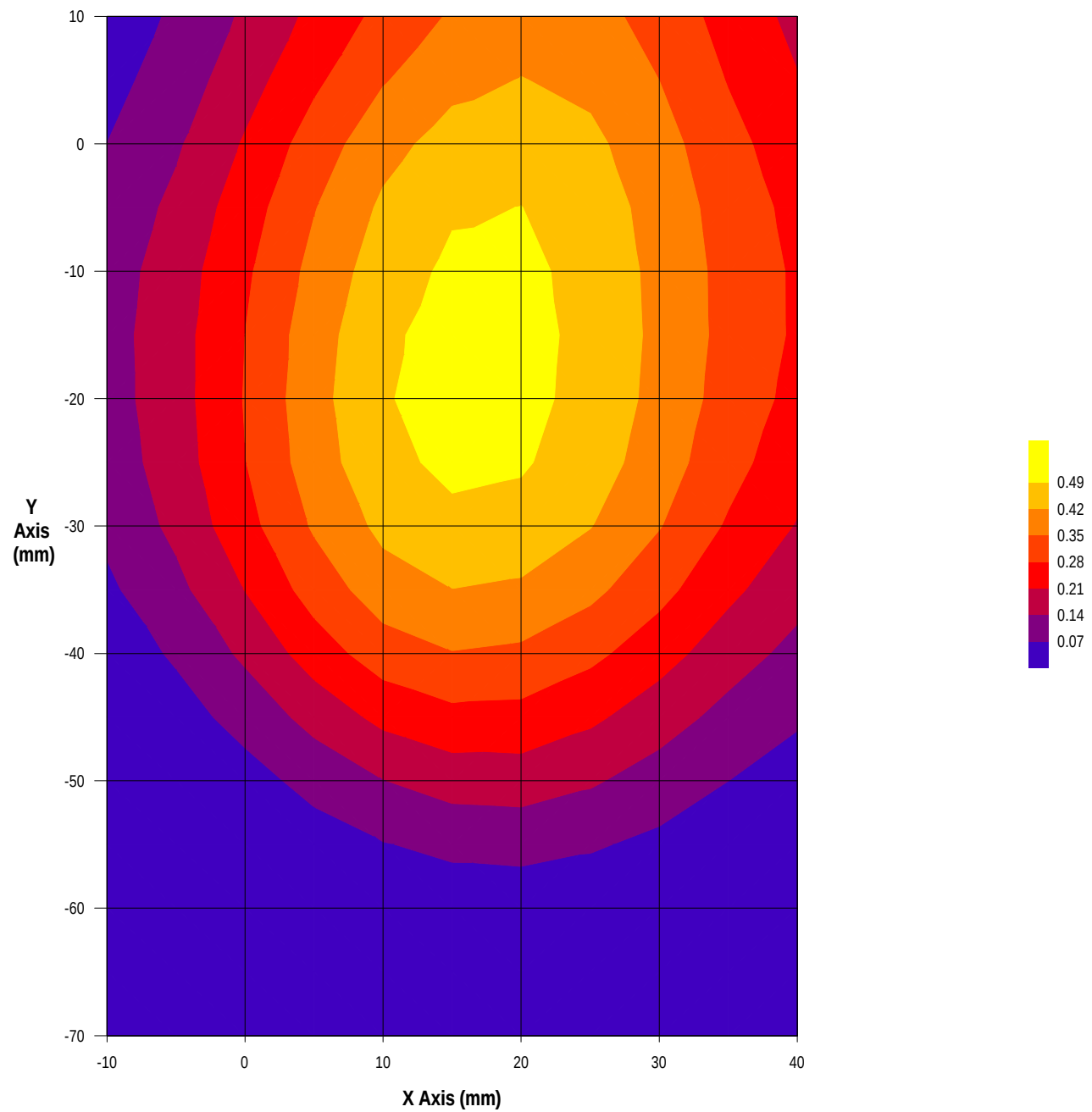
Measured Values (mV) :

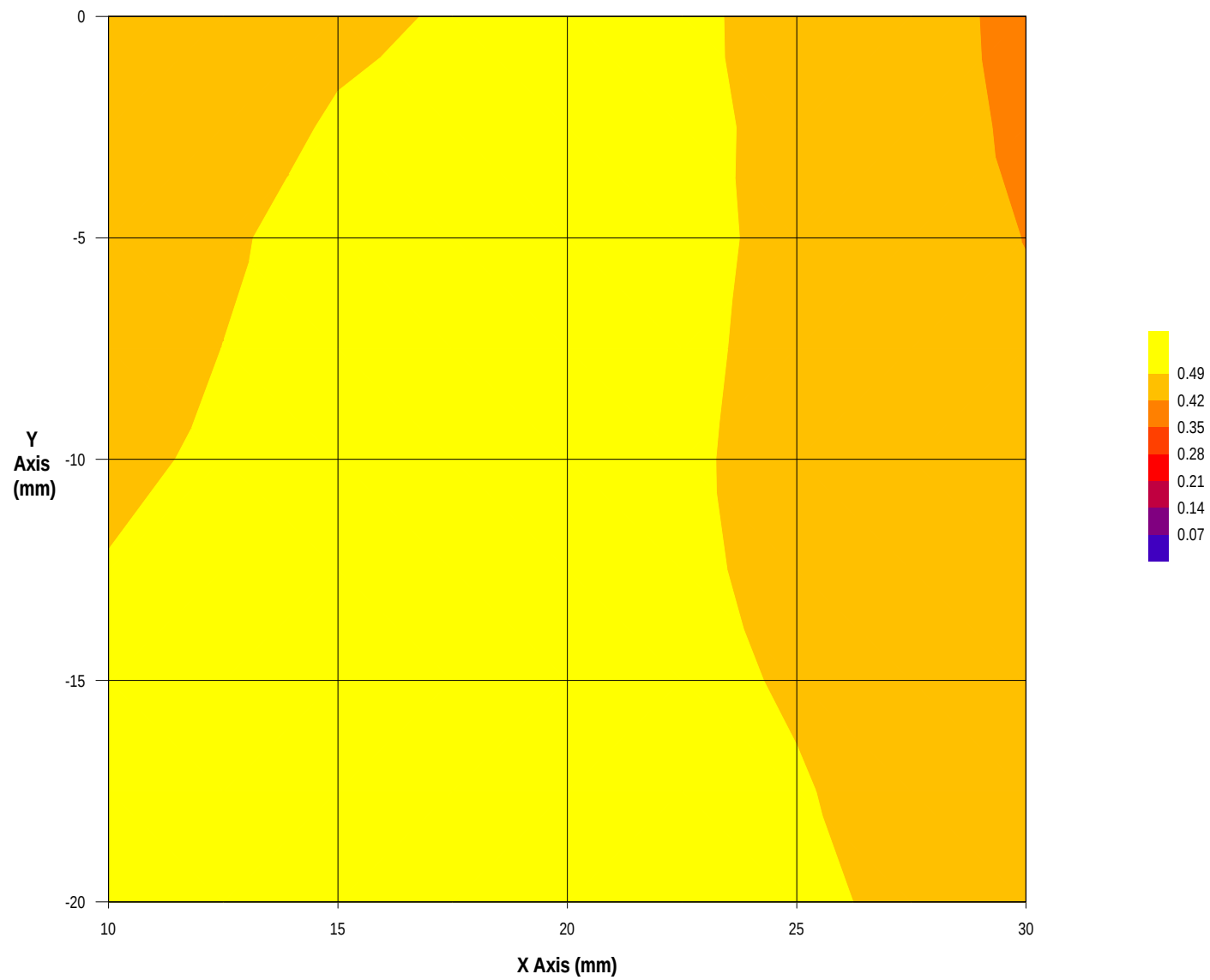
0.55	0.18	0.05	0.01	0.01	0.01
0.00	0.00	0.00	0.00	0.00	

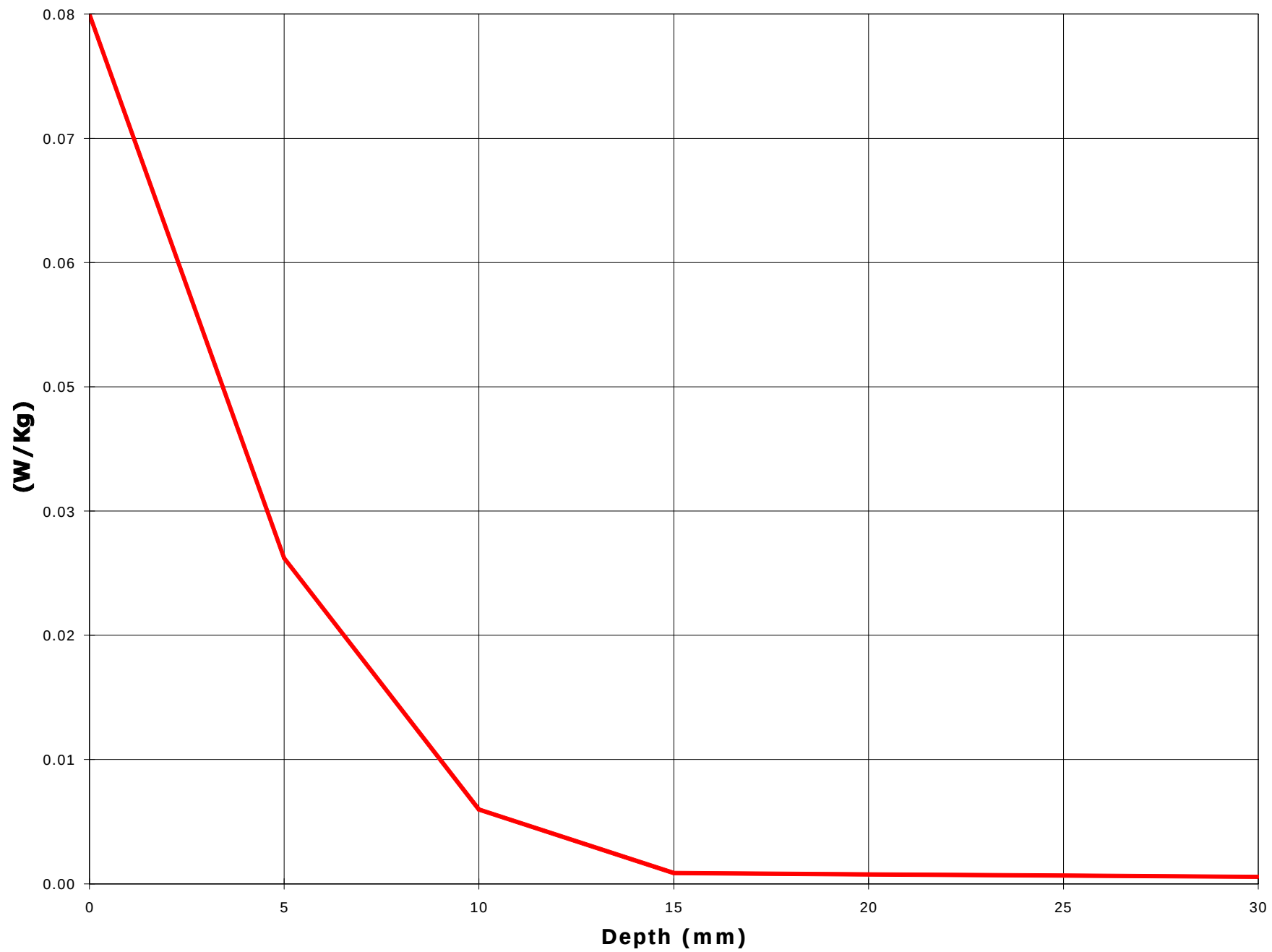
Peak Voltage (mV) : 1.15 1 Cm Voltage (mV) : 0.10 SAR (W/Kg) : 0.08











Test Information

Date : 10/25/99
Time : 4:36:44 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 1880
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 47.7
Conductivity : 1.54

Probe : E3
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 1.36
Calibrated Date : 4/23/99

Antenna Position : FIX
Measured Power (W) : 0.129
(conducted)
Cable Insertion Loss (dB) : 1.2
Compensated Power (W) : 0.170

Amplifier Setting :

Channel 1 : 0.0046 Channel 2 : 0.0042 Channel 3 : 0.0032

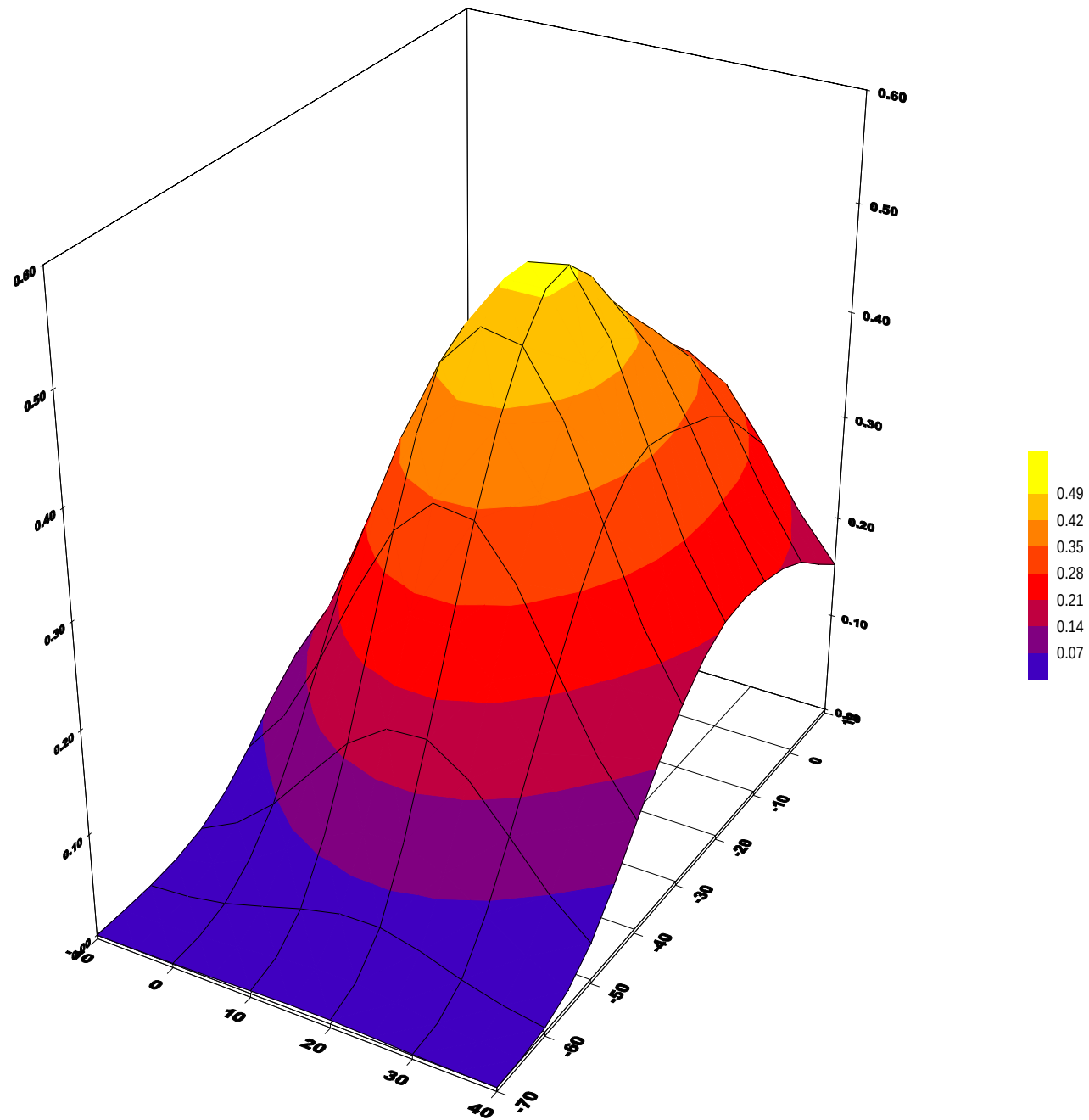
Location of Maximum Field :

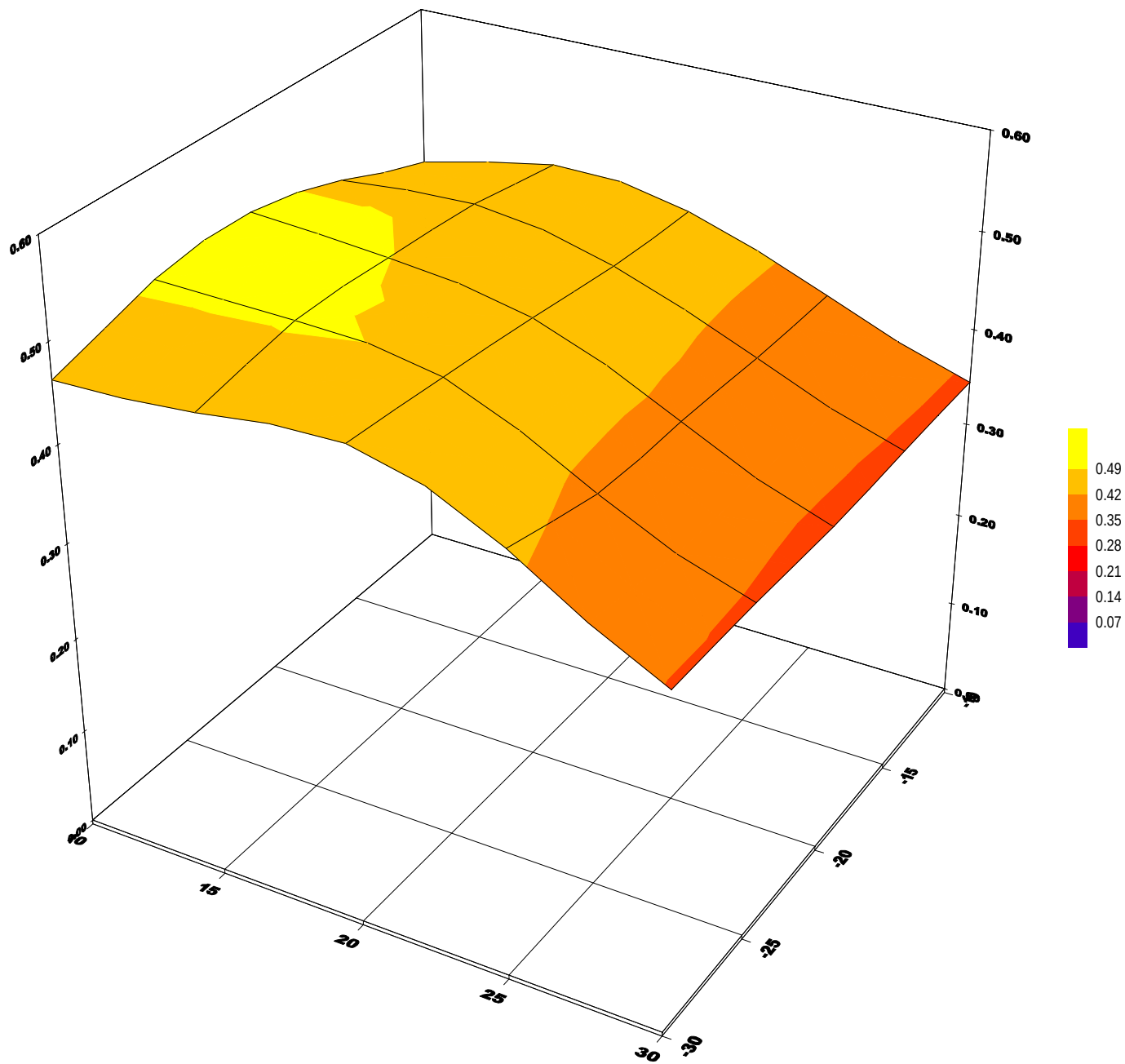
X = 10 Y = -20

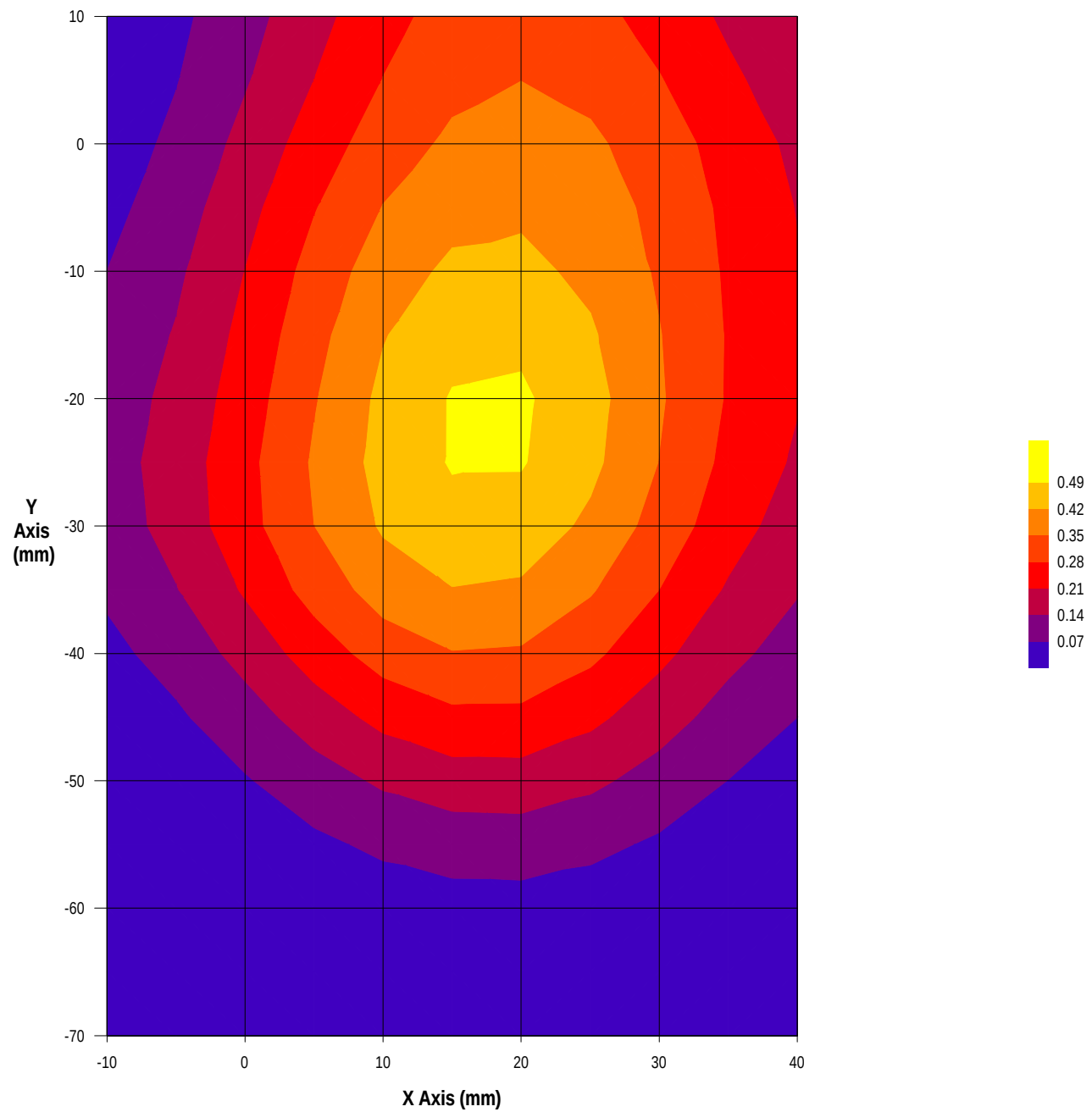
Measured Values (mV) :

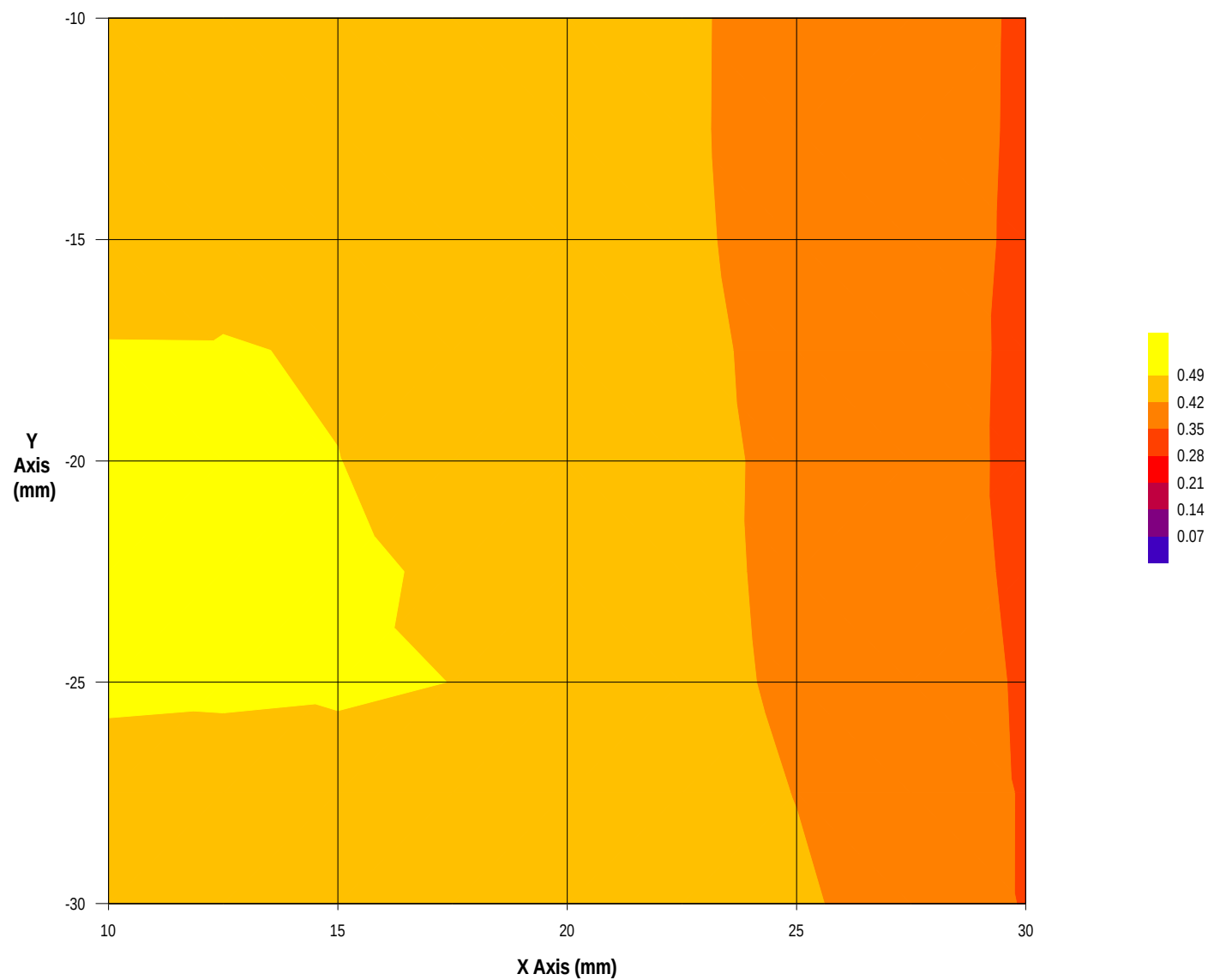
0.48	0.11	0.01	0.01	0.01	0.01
0.00	0.00	0.00	0.00	0.00	

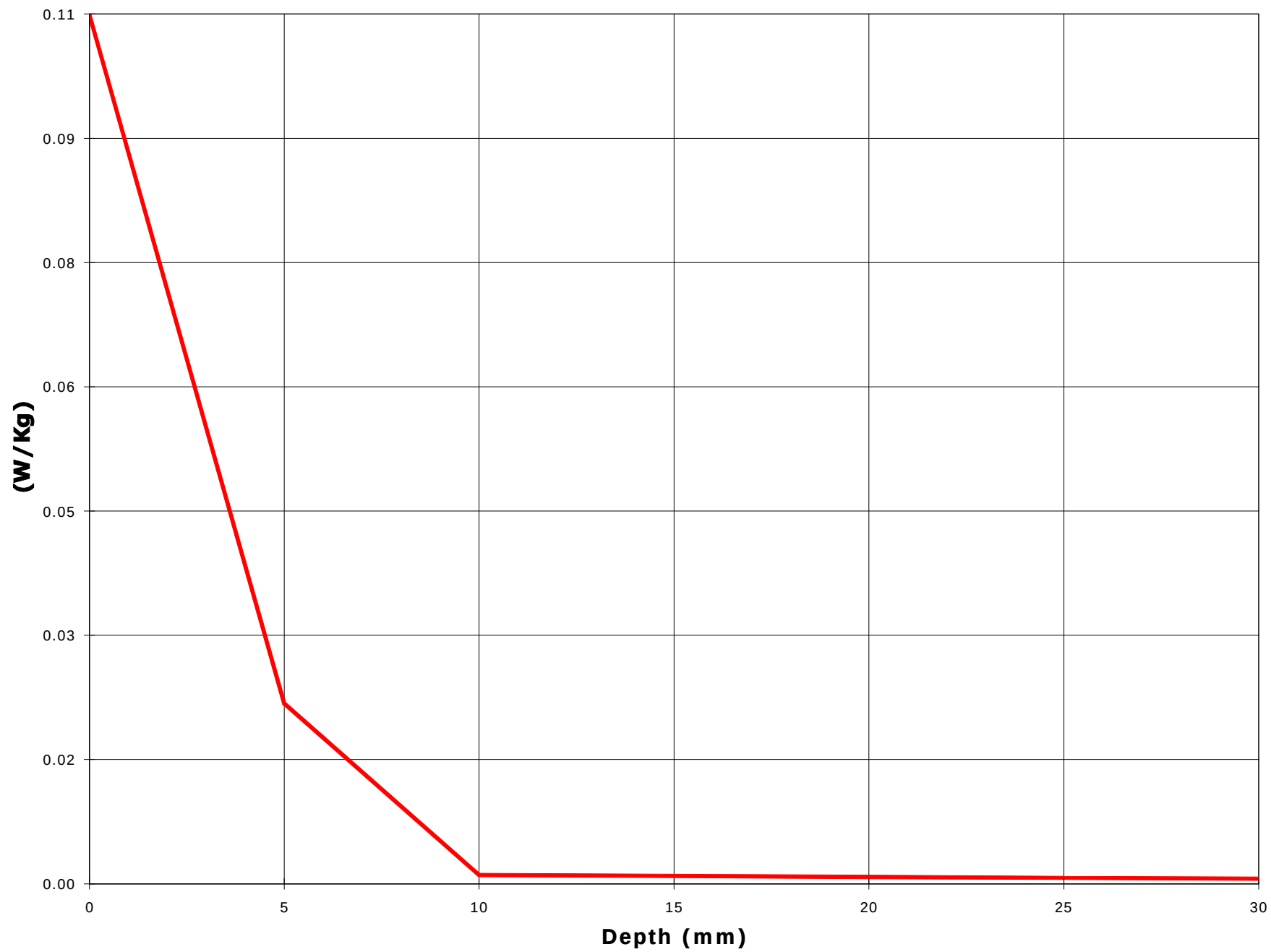
Peak Voltage (mV) : 1.72 1 Cm Voltage (mV) : 0.01 SAR (W/Kg) : 0.11











Test Information

Date : 10/25/99
Time : 4:55:06 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 1910
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : TDMA

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 47.7
Conductivity : 1.54

Probe : E3
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 1.36
Calibrated Date : 4/23/99

Antenna Position : FIX
Measured Power (W) : 0.125
(conducted)
Cable Insertion Loss (dB) : 1.2
Compensated Power (W) : 0.165

Amplifier Setting :

Channel 1 : 0.0046 Channel 2 : 0.0042 Channel 3 : 0.0032

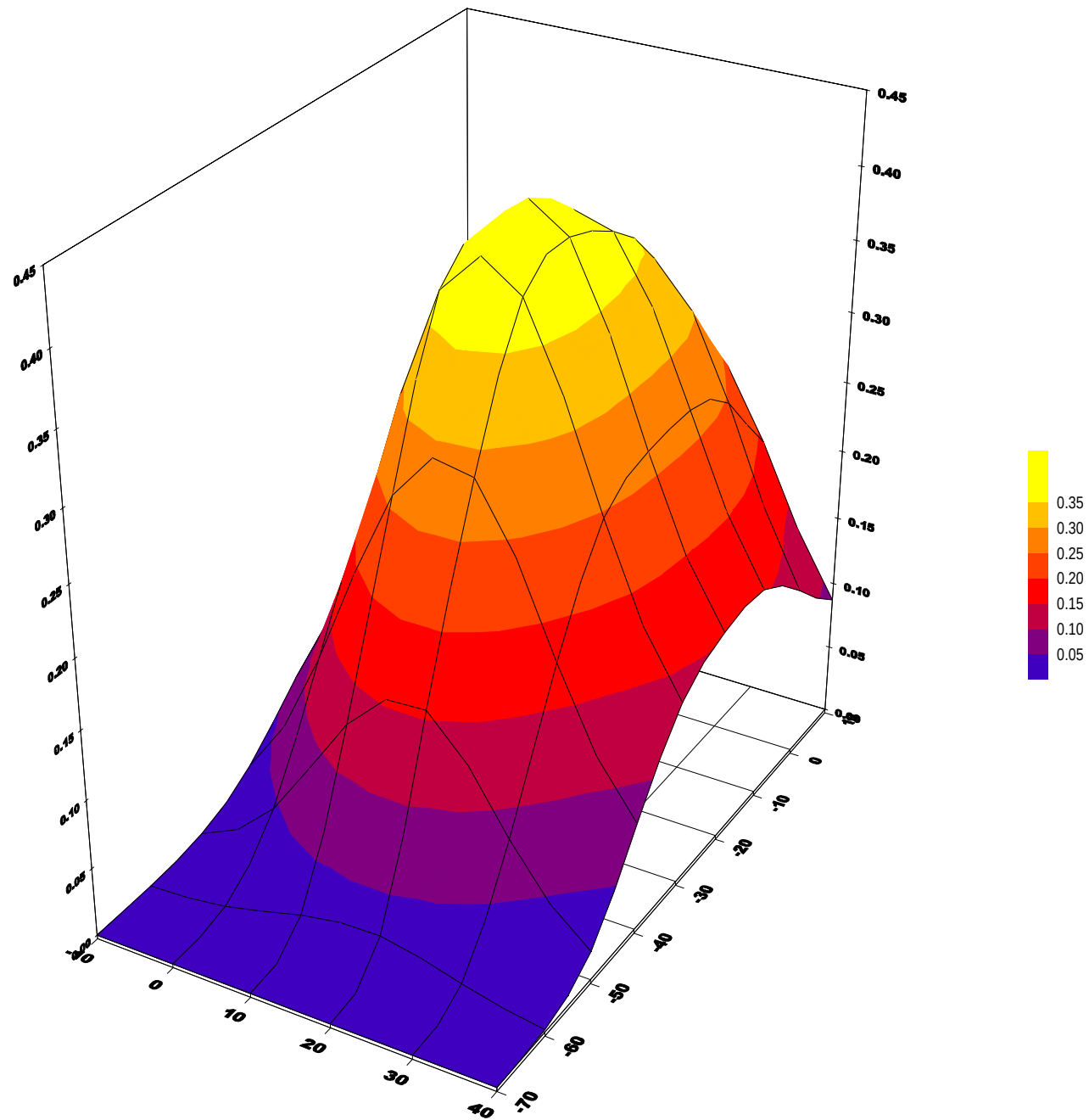
Location of Maximum Field :

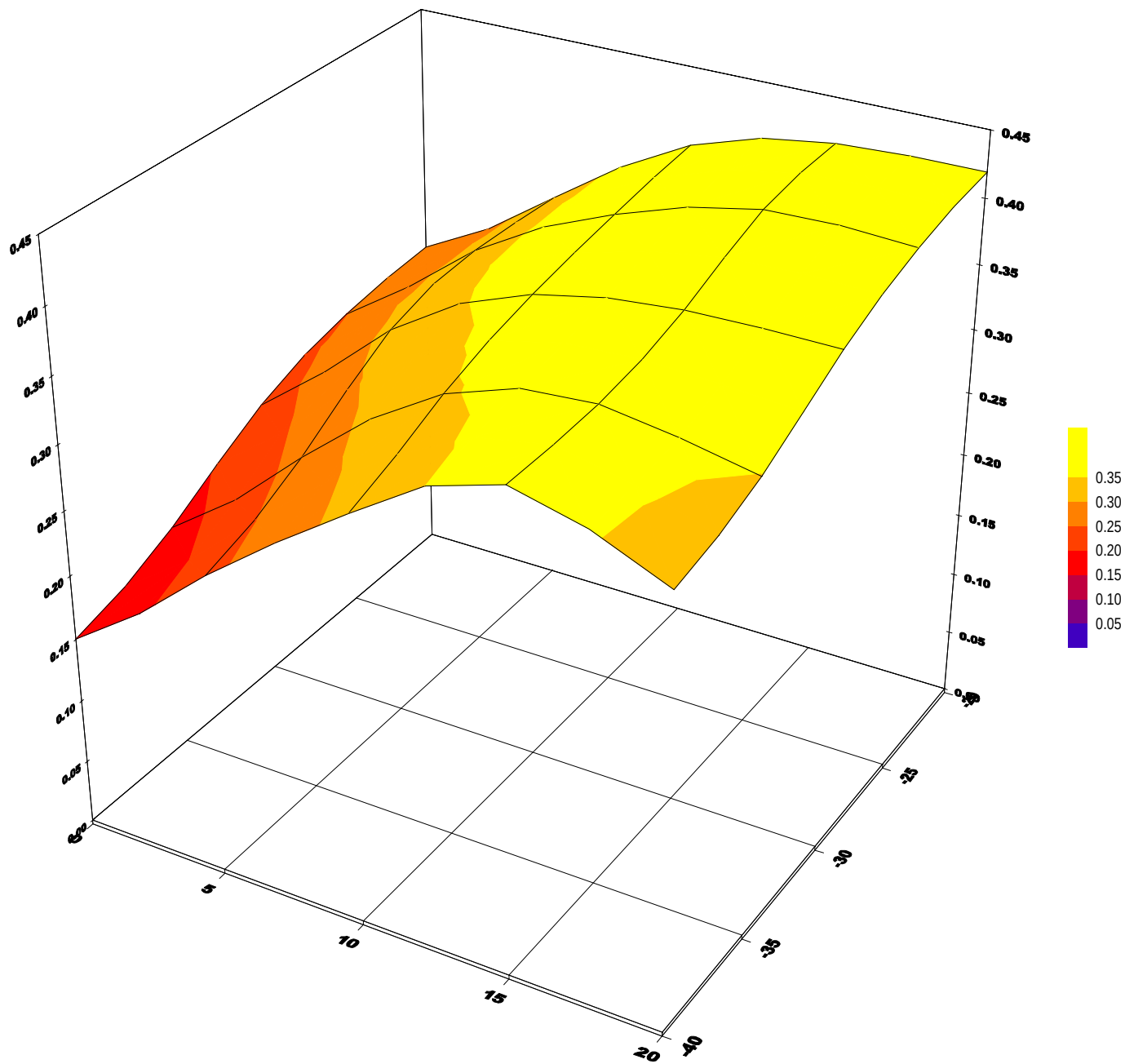
X = 15 Y = -25

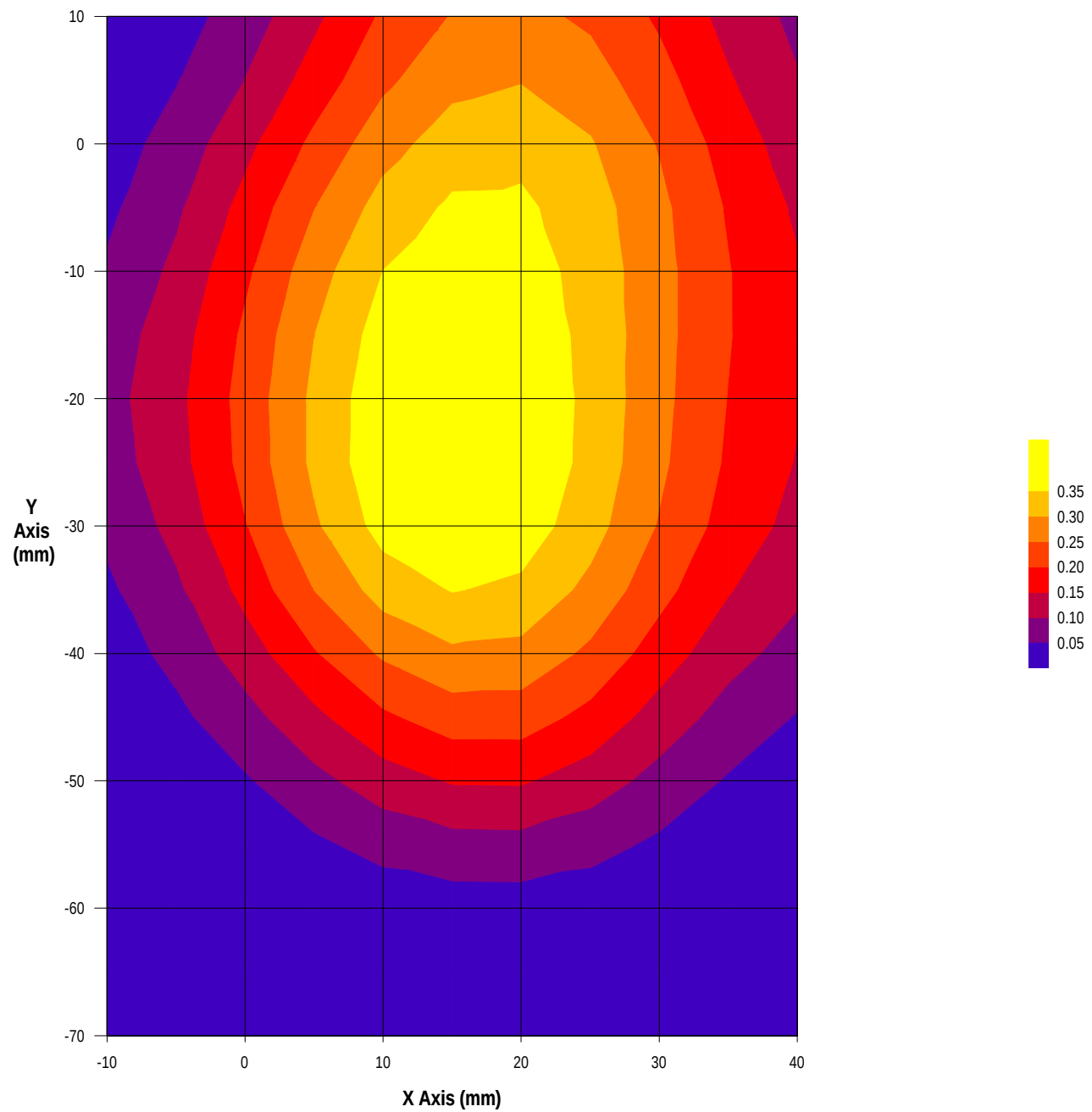
Measured Values (mV) :

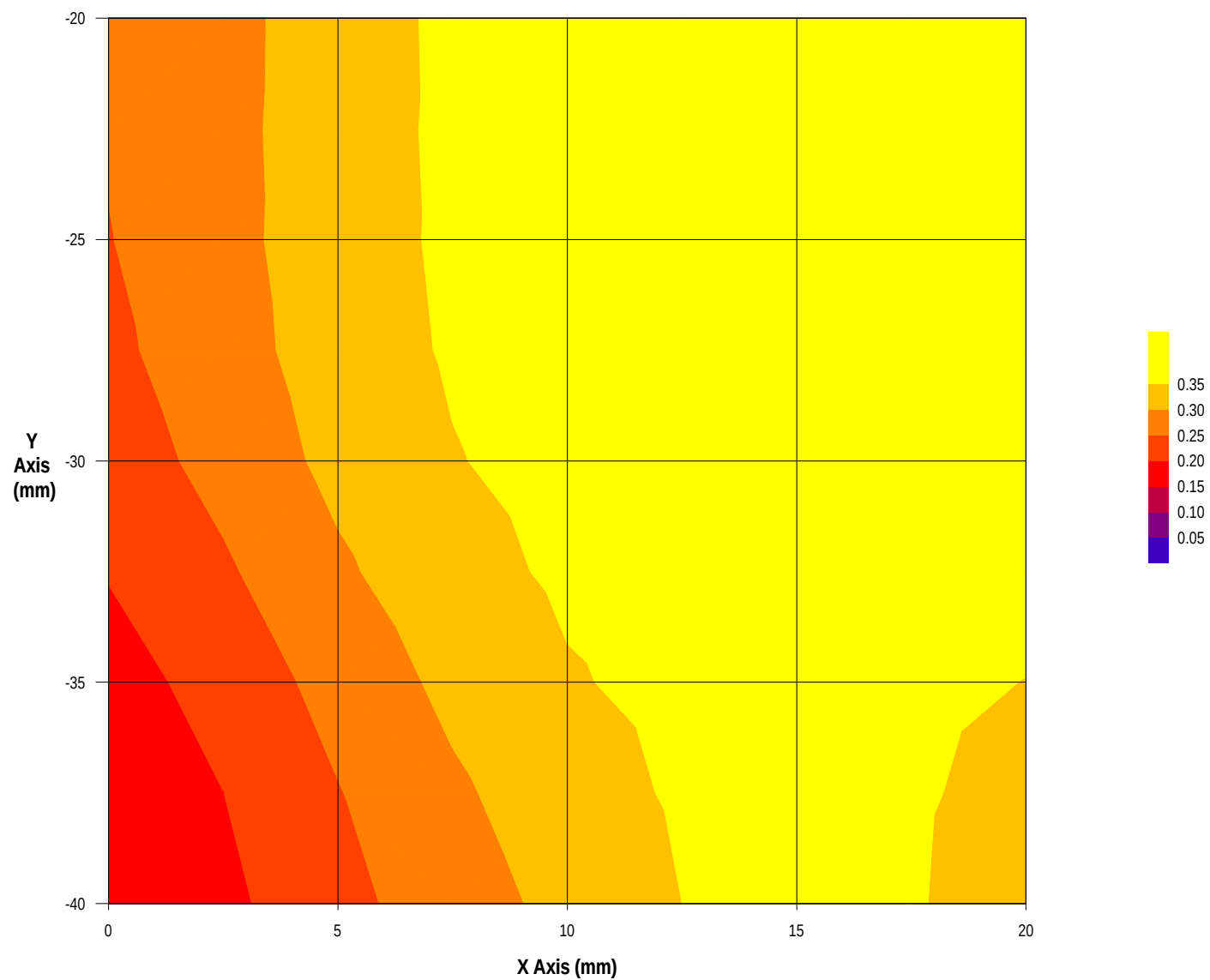
0.41	0.10	0.01	0.01	0.01	0.01
0.00	0.00	0.00	0.00	0.00	

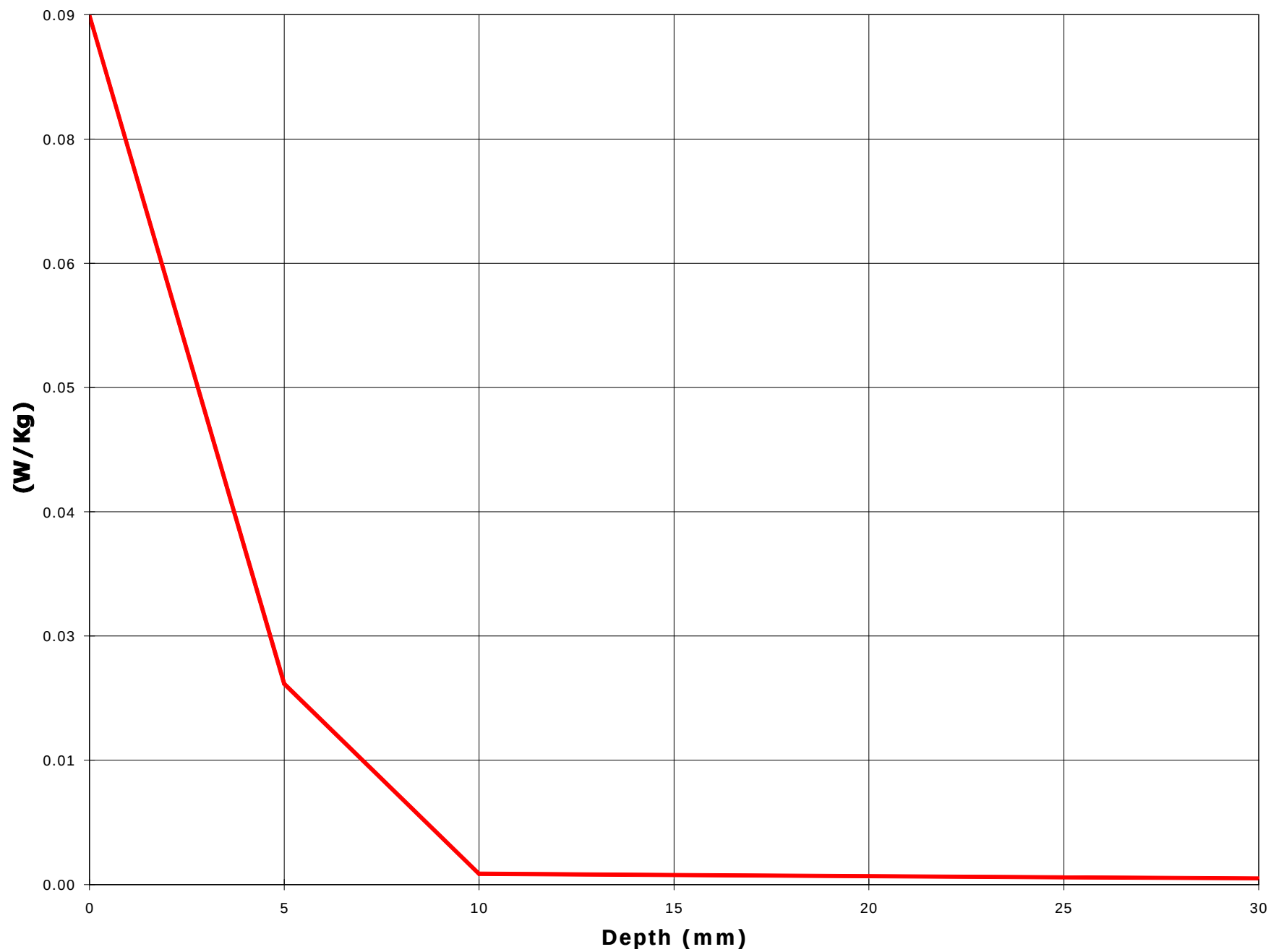
Peak Voltage (mV) : 1.41 1 Cm Voltage (mV) : 0.01 SAR (W/Kg) : 0.09











Test Information

Date : 10/27/99

Time : 12:03:33 PM

Product : Cellular Phone
Manufacturer : Mitsubishi
Model Number : MT-254
Serial Number : 00001
FCC ID Number : BGBMT254XF06A

Test : SAR
Frequency (MHz) : 849
Nominal Output Power (W) : 0.6
Antenna Type : 1/4 Wave
Signal : CW

Phantom : Waist
Simulated Tissue : Muscle

Dielectric Constant : 54.0
Conductivity : 1.09

Probe : E
Probe Offset (mm) : 3.0
Sensor Factor (mV) : 10.8
Conversion Factor : 0.72
Calibrated Date : 3/24/99

Antenna Position : FIX
Measured Power (W) : 0.383
(conducted)
Cable Insertion Loss (dB) : 0.6
Compensated Power (W) : 0.440

Amplifier Setting :

Channel 1 : 0.0045

Channel 2 : 0.0039

Channel 3 : 0.0031

Location of Maximum Field :

X = 25

Y = -75

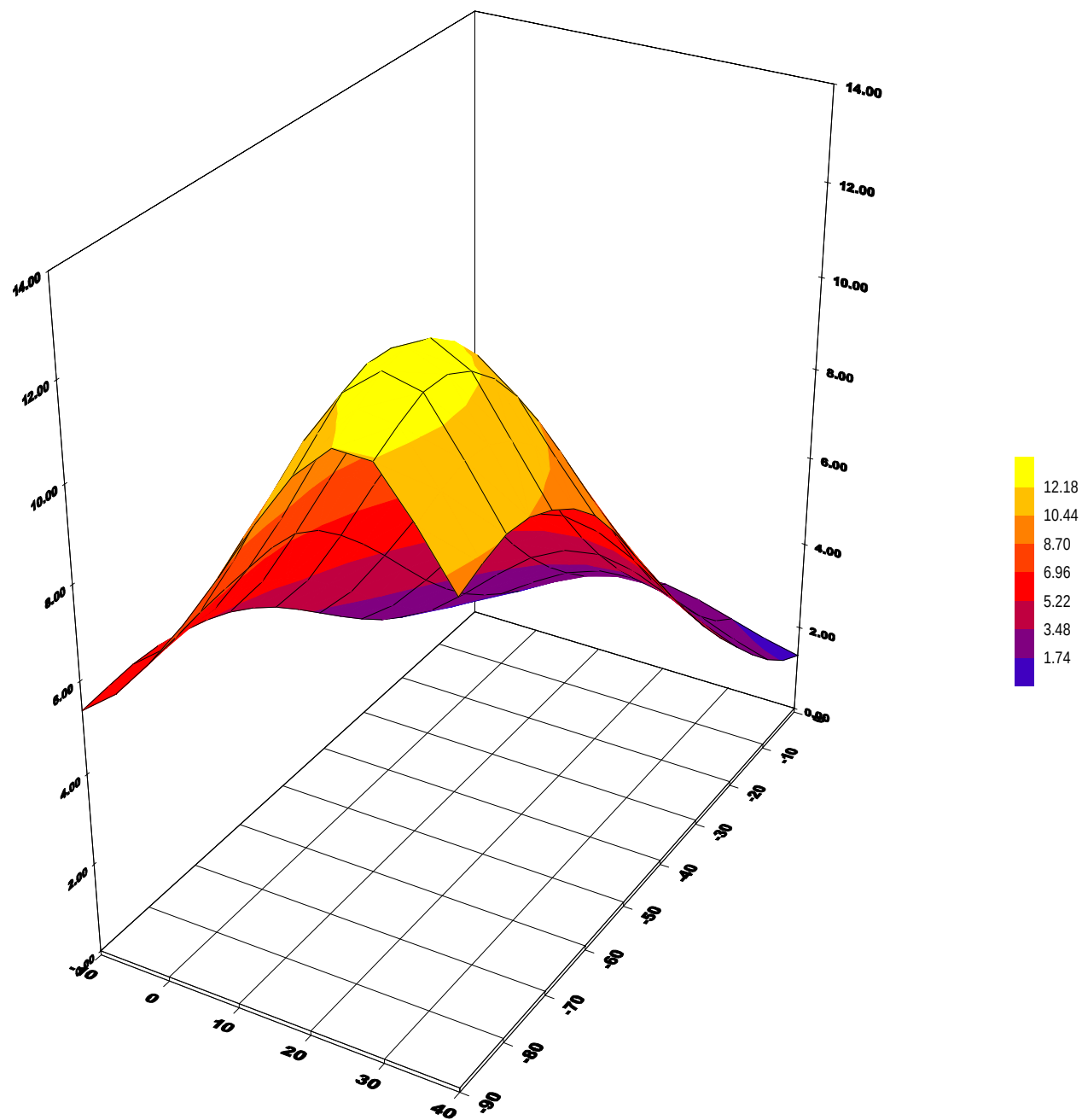
Measured Values (mV) :

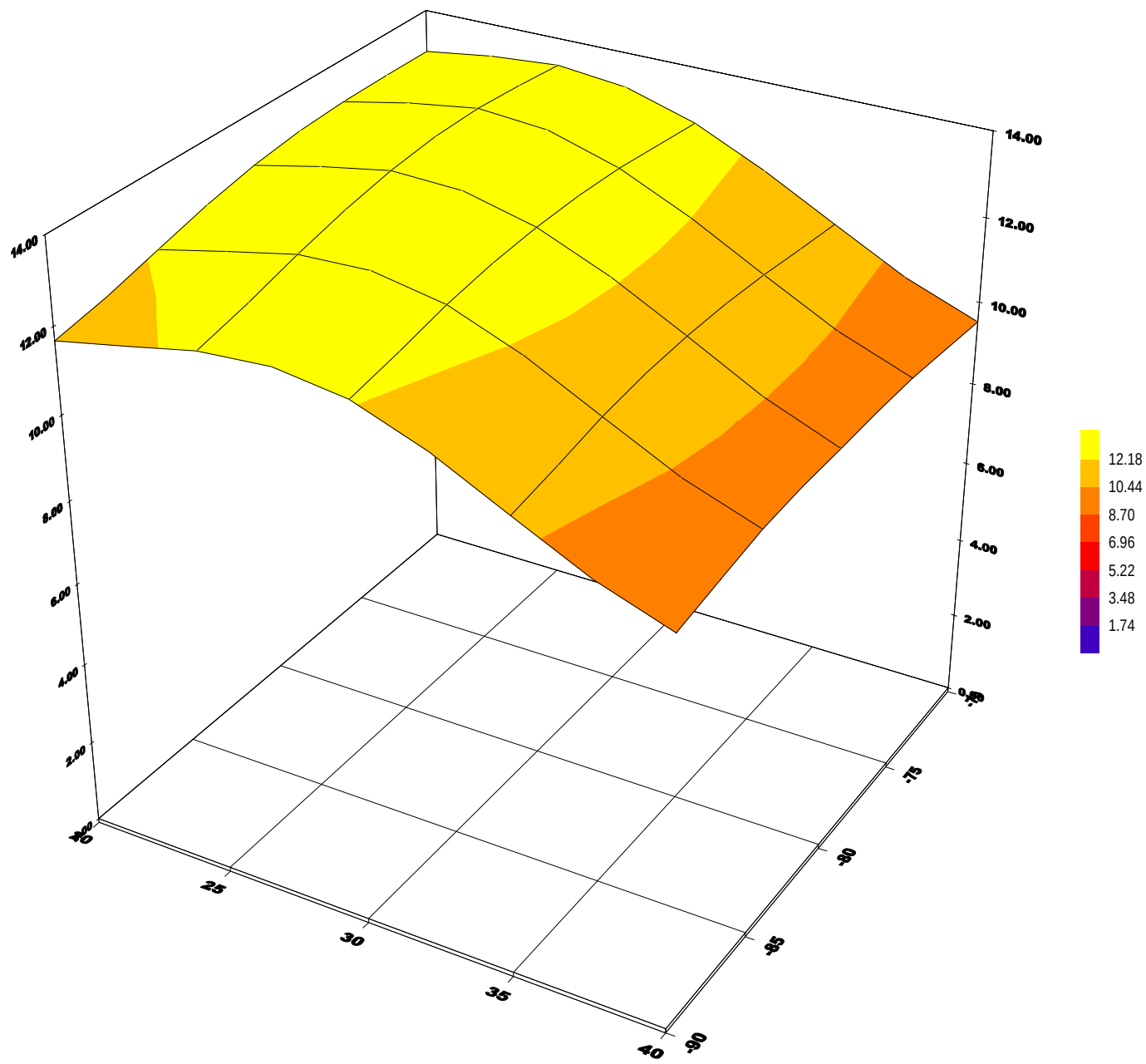
13.95	8.47	5.91	4.21	2.98	2.10
1.45	0.94	0.56	0.29	0.10	

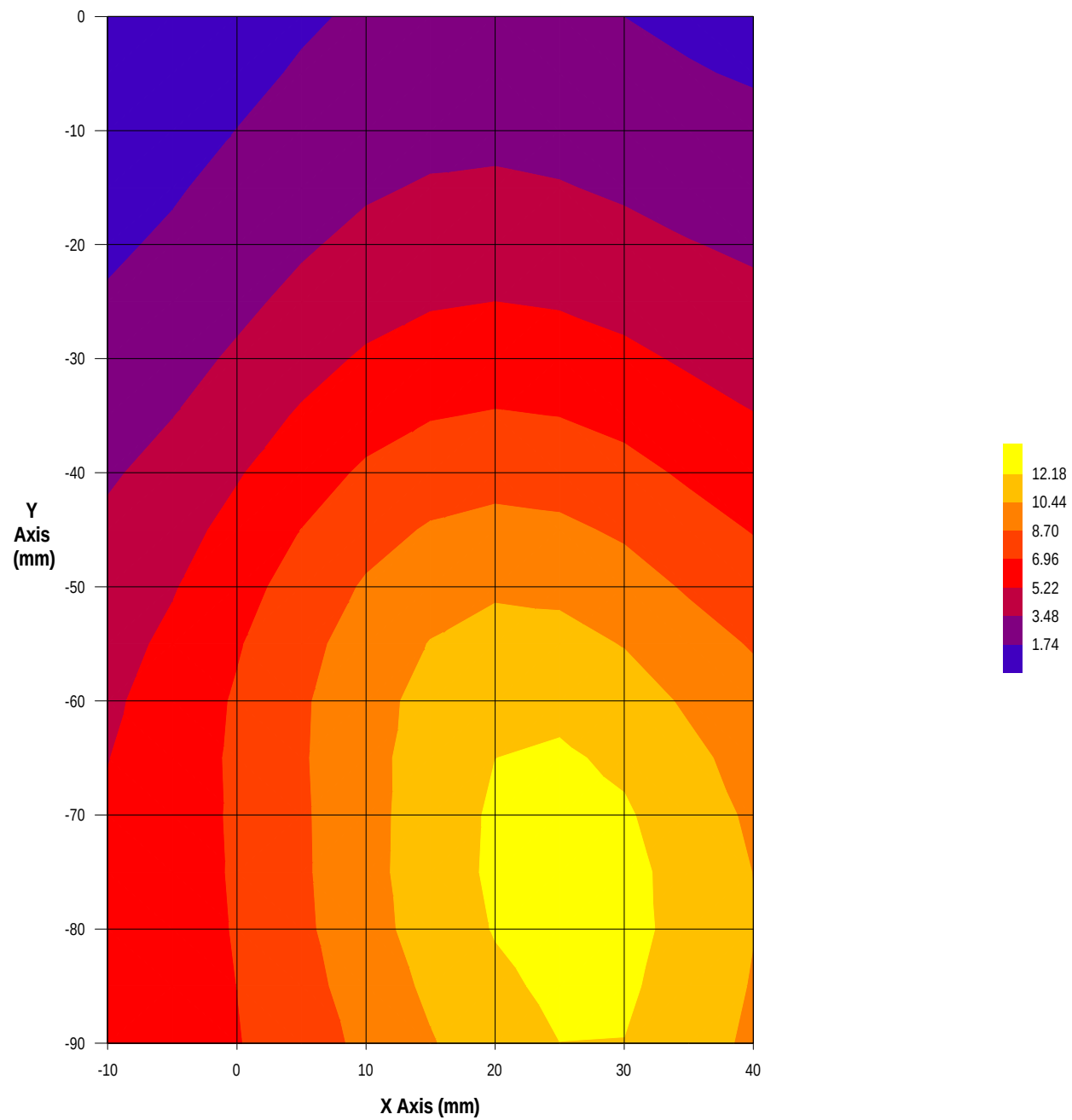
Peak Voltage (mV) : 18.08

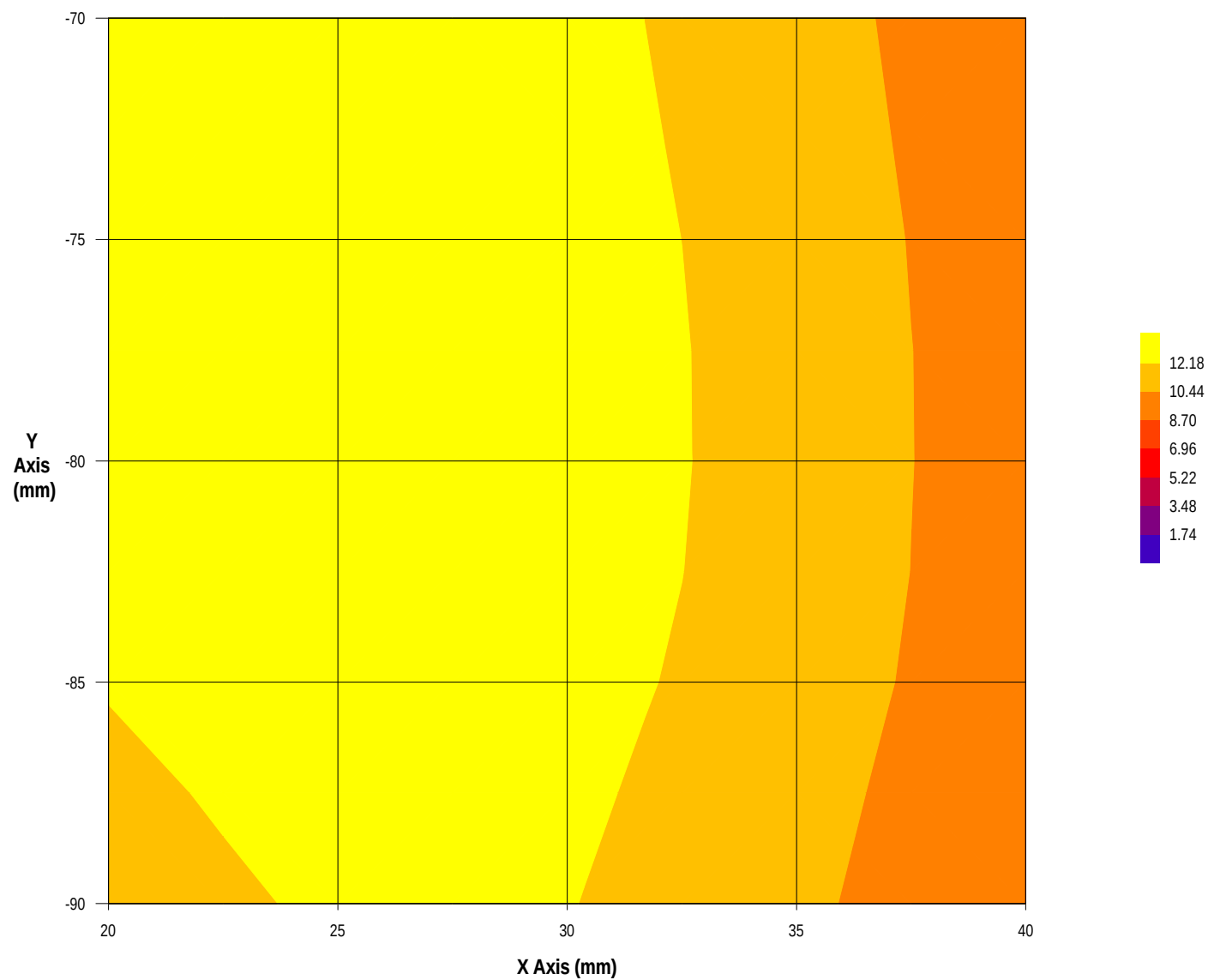
1 Cm Voltage (mV) : 7.25

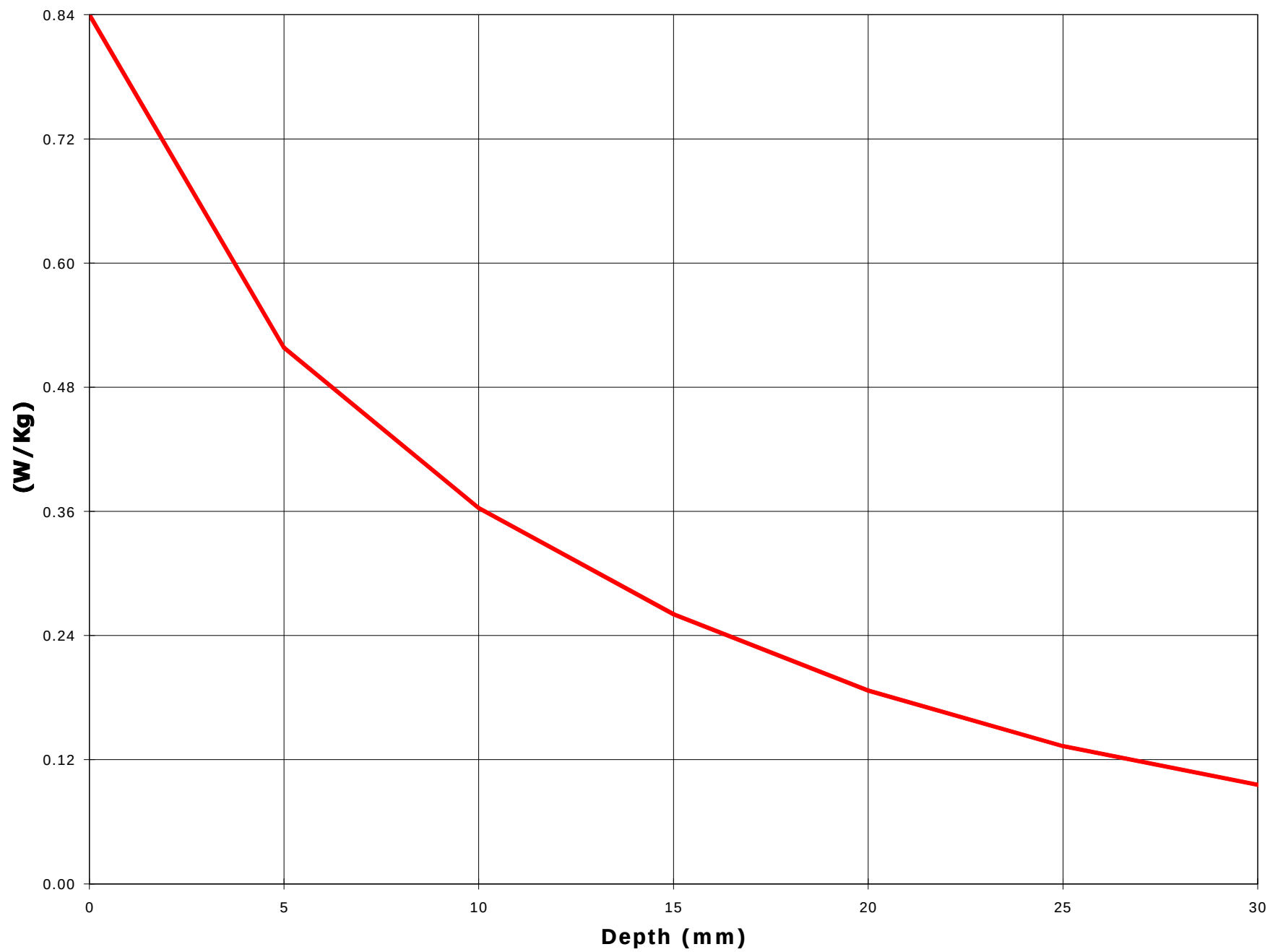
SAR (W/Kg) : 0.84











Date: 10/25/99, 09:30

Frequency: 835 MHz

Comments: Mitsubishi

Mixture: Muscle ('Brain' or 'Muscle')

of Points: 11

Point Dist: 1 cm.

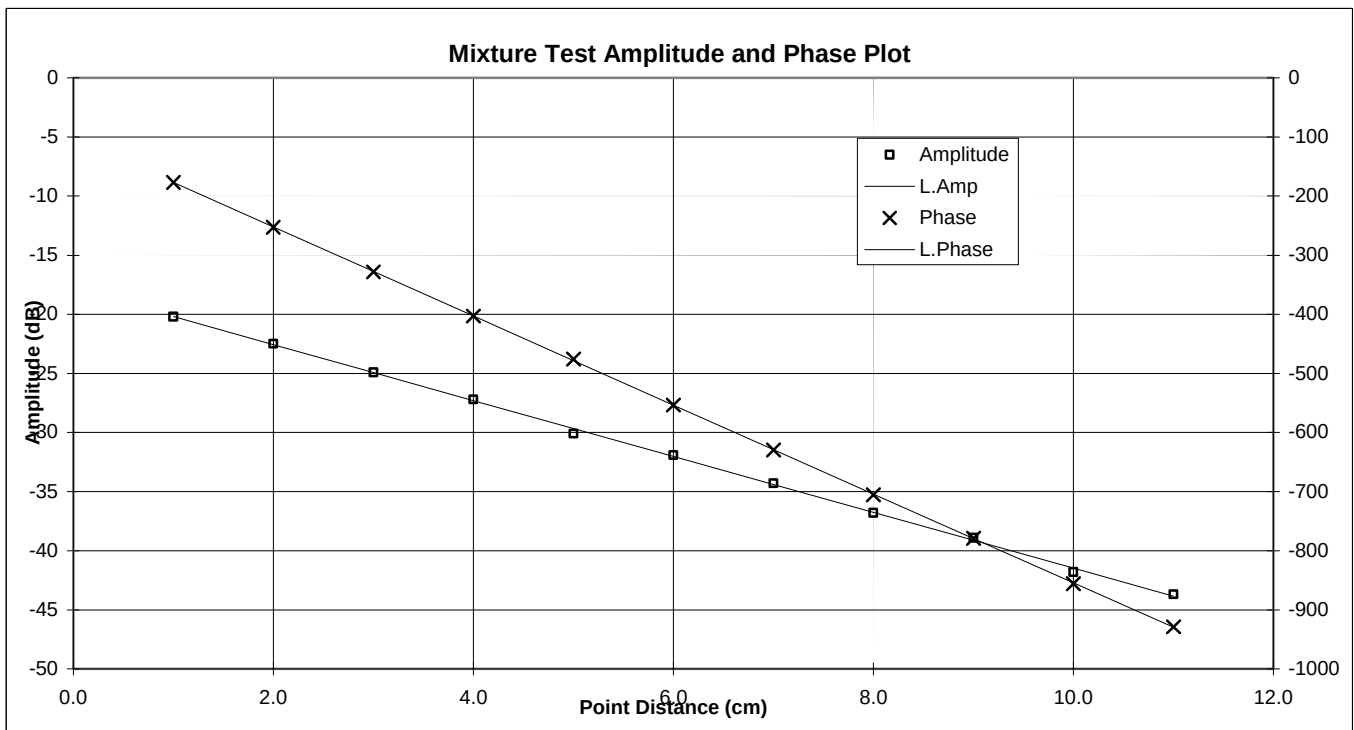
Room Temp.: 25

Point	Amplitude	Phase
1	-20.20	-177.10
2	-22.50	107.30
3	-24.90	31.90
4	-27.20	-43.00
5	-30.10	-116.00
6	-31.90	166.40
7	-34.30	90.50
8	-36.80	14.80
9	-38.90	-59.20
10	-41.80	-136.00
11	-43.70	151.40

-49.9	
-51.6	
-53.5	-2.364545455
-55.3	-17.84
-56.9	-75.29
	-101.8054545

Omega:	5246459731	rad/sec
Epsilon 0:	8.85E-14	F/m
mu:	1.26E-08	H/m
alpha avg:	-0.272228356	Np/cm
beta avg:	-1.314058394	rad/cm

Results:		Target	Low Limit	High Limit	% Off Target
D. Const:	54.0	52.0	49.4	54.6	3.71
Cond:	1.09	1.10	1.045	1.155	-1.35



Date: 10/25/99, 09:45

Frequency: 1900 MHz

Comments: Mitsubishi

Mixture: Muscle ('Brain' or 'Muscle')

of Points: 11

Point Dist: 0.5 cm.

Room Temp.: 24.5

Point	Amplitude	Phase
1	-46.30	115.70
2	-48.10	29.50
3	-49.70	-45.10
4	-51.50	-127.30
5	-53.20	149.80
6	-54.70	71.50
7	-56.90	-2.30
8	-58.50	-81.10
9	-60.30	-171.30
10	-62.80	110.90
11	-64.30	40.50

-49.9	
-51.6	
-53.5	-3.605454545
-55.3	-44.30181818
-56.9	-159.4309091
	192.0018182

Omega:	11938052084	rad/sec
Epsilon 0:	8.85E-14	F/m
mu:	1.26E-08	H/m
alpha avg:	-0.415093294	Np/cm
beta avg:	-2.782594293	rad/cm

Results:		Target	Low Limit	High Limit	% Off Target
D. Const:	47.7	50.0	47.5	52.5	-4.62
Cond:	1.54	1.50	1.425	1.575	2.63

