Wojewódzki Inspektorat Ochrony Środowiska w Katowicach
Pracownia Analiz Manualnych, Instrumentalnych, Hydrobiologicznych, Mikrobiologicznych oraz Pomiarów Terenowych i Pobierania Próbek w Bielsku-Białej
43-316 Bielsko-Biała, ul. Partyzantów 117; fax: (33) 812-49-30; tel: (33) 812-30-37, (33) 812-44-92
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SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL ELEKTROMAGNETYCZNYCH nr: 776/2011

Instalacja (stacja bazowa): Gliwice_50405_Rynek;

Miejsce pomiarów: P-1, Gliwice, Centrum;

Temat: Pomiary monitoringowe poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz (składowej *elektrycznej* E) w środowisku;

Data oraz godzina wykonania pomiarów: 14.11.2011, godzina 10:41-12:41;

Pora wykonania pomiarów : dnia.

1. PODSTAWA BADAŃ

Podstawę realizacji przedmiotowych badań monitoringowych poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz w środowisku stanowi Rozporządzenie Ministra Środowiska z -dnia 12 listopada 2007 r. *w sprawie zakresu i sposobu prowadzenia okresowych badań poziomów pól elektromagnetycznych w środowisku* (Dz.U. Nr 221, Poz. 1645).

2. CEL BADAŃ

Celem badań jest określenie poziomów pól elektromagnetycznych w przedziale częstotliwości 100 kHz – 3 GHz (składowej *elektrycznej* E) w środowisku, w miejscach dostępnych dla ludności, na terenie obszaru zabudowy mieszkaniowej wielorodzinnej, położonej w ścisłym centrum miasta Gliwice, w rozumieniu wytycznych Rozporządzenia Ministra Środowiska z dnia 12 listopada 2007 r. (Dz. U. Nr 221, Poz. 1645), w ramach programu Państwowego Monitoringu Środowiska, 2011 rok.

3. TEREN BADAŃ

Punkt pomiarowy P-1 poziomów pól elektromagnetycznych w środowisku zlokalizowano w granicach administracyjnych miasta Gliwice, w śródmieściu miasta, na Placu Adama Mickiewicza. Zgodnie z obowiązującym Rozporządzeniem wprowadzającym metodykę pomiarów monitoringowych PEM, wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W najbliższym sąsiedztwie punktu pomiarowego P-1, zagospodarowanie terenu stanowi zwarta zabudowa mieszkaniowa wielorodzinna z funkcją usługowo-handlową oraz tereny zieleni miejskiej. Najbliższy obiekt budowlany – budynek mieszkalny, oddalony od punktu pomiarowego o około 39 m znajduje się w kierunku zachodnim.
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Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

Dzielnica (osiedle) miasta o liczbie mieszkańców powyżej 50 tys.

Nomenklatura jednostki terytorialnej (NTS):

Gliwice 5.2.24.47.66.01.1

Współrzędne geogr. (GPS) punktu pomiarowego poziomów pól elektromagnetycznych w środowisku:

N 50^0 17′ 42,2″
E 18^0 39′ 40,1″;

Wysokość lokalizacji punktu pomiarowego:

h: 2,0 [m] n.p.t.;

Odległości punktu pomiarowego od elewacji najbliższych obiektów mieszkalnych zabudowy mieszkaniowej - wielorodzinnej, zlokalizowanej w pobliżu przekroju pomiarowego poziomów pól w środowisku:
l = 39 [m] - od elewacji budynku mieszkalnego wielorodzinnego

Lokalizacja punktu pomiarowego – skwer zieleni w centralnej część Placu Adama Mickiewicza.

4. METODYKA BADAŃ

Rozporządzenie Ministra Środowiska z dnia 12 listopada 2007 r. *w sprawie zakresu i sposobu prowadzenia okresowych badań poziomów pól elektromagnetycznych w środowisku* (Dz. U. Nr 221, Poz. 1645).

5. WYPOSAŻENIE POMIAROWE

Pomiarów poziomów pól elektromagnetycznych częstotliwości 100 kHz - 3 GHz (składowej *elektrycznej*) w środowisku dokonano przy użyciu szerokopasmowego miernika natężenia pola elektromagnetycznego Narda Broadband Field Meter NBM-550, prod. Narda Safety Test Solutions GmbH, Niemcy;
Pomiarów warunków meteorologicznych dokonano przy pomocy automatycznej stacji meteorologicznej MAWS 101.
Szczegółowe dane identyfikacyjne przyrządów przedstawiono w tabeli poniżej:

Tabela 1

<table>
<tr><th colspan="2">Pomiary
poziomów pól elektromagnetycznych
częstotliwości
100 kHz – 3 GHz
(składowej elektrycznej)
w środowisku</th><th colspan="2">Pomiary
warunków
meteorologicznych
w środowisku</th></tr>
<tr><td>Przyrząd pomiarowy

Sonda pomiarowa</td><td>Typ: Broadband Field Meter NBM-550
P/N: 2401/01
S/N: B-0777
Producent: Narda Safety Test Solutions GmbH, Niemcy;

Typ: EF0391, E-Field
P/N: 2402/01
S/N: A-0882
Producent: j.w.
Zakres: 100 kHz – 3 GHz
Charakterystyka częstotliwościowa czułości:
+/- 1 dB (1MHz – 1 GHz)
+/- 1,25dB (1GHz – 2,45 GHz)</td><td>Przyrząd pomiarowy

Czujnik pomiaru ciśnienia

Termohigrometr

Anemometr stacji meteo</td><td>Typ: MAWS 101
Producent: Vaisala

Typ: PMT16A
S. no.: Y0240040

Typ: HMP45DX
S. no.: Y6430001

Typ: MWS302
S. no.: X51224</td></tr>
<tr><td rowspan="3">Data i czasokres pomiarów</td><td rowspan="3">14-11-2011 r.
10:41:29–12:41:29</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>4,5 – 5,2</td></tr>
<tr><td>RH [%]</td><td>40 – 45</td></tr>
<tr><td>Częstotliwość próbkowania</td><td>f: 10 sec.</td><td colspan="2">UWAGI:
Pochmurno;
Brak opadów atmosferycznych</td></tr>
</table>

Gdzie:

T – temperatura powietrza w [^{0}C];
RH – wilgotność względna powietrza w [%].

Zastosowany przyrząd pomiarowy poziomów pól oraz sonda pomiarowa poziomów pól posiadają stosowne *świadectwa wzorcowania*, tj.:

- Narda Broadband Field Meter NBM-550, P/N 2401/01, S/N B-0777:

  - *Calibration Certificate* No. NBM-550-B-0777-090806-1121, z dn. 06.08.2009 r., wystawione przez Narda Safety Solutions GmbH, Niemcy;

- Probe EF0391, *E-Field*, P/N 2402/01, S/N A-0882:

  - *Calibration Certificate* No. 240201-A0882-090803-02359, z dn. 03.08.2009 r., wystawione przez Narda Safety Solutions GmbH, Niemcy;

- Automatyczna Stacja Meteorologiczna:

  - *czujnik pomiaru ciśnienia* (Typ: PMT16A, S. no.: Y0240040): Świadectwo Wzorcowania nr SW-0323-SD-060005-PCB, z dn. 16.03.2010 r., wystawione przez Instytut Meteorologii i Gospodarki Wodnej;

  - *termohigrometr* (Typ: HMP45DX, S. no.: Y6430001): Świadectwo Wzorcowania nr 21189/2010, z dn. 16.11.2010 r., wystawione przez LAB-EL Elektronika Laboratoryjna Sp. J.;

  - *anemometr* (Typ: MWS302, S. no.:X51224): Świadectwo Wzorcowania nr 22550, z dn. 17.11.2010 r., wystawione przez Instytut Mechaniki Górotworu PAN.

Zastosowana sonda pomiarowa poziomów pól posiada sferyczną charakterystykę kierunkową, a w trakcie realizacji badań znajdowała się na wysokości 2 [m] n.p.t., na dielektrycznym statywie, w odległości d > 100 [m] od rzutu anten instalacji radiokomunikacyjnych na powierzchnię terenu, zgodnie z wymaganiami przedmiotowego Rozporządzenia.

6. INFORMACJE NA TEMAT INSTALACJI RADIOKOMUNIKACYJNYCH, RADIOLOKACYJNYCH, RADIONAWIGACYJNYCH REJONU BADAŃ PÓL ELEKTROMAGNETYCZNYCH *)

(* - *w rozumieniu wymagań przedmiotowego Rozporządzenia*)

W odległości około 110 m od punktu pomiarowego P-1, w kierunku zachodnim, znajduje się budynek biurowy przy ul. Świętokrzyskiej, na dachu którego znajdują się anteny nadawczo-odbiorcze stacji bazowych telefonii komórkowej, operatorem której jest Polska Telefonia Cyfrowa Sp. z o.o. W tabeli 2 przedstawiono informacje uzyskane od operatora, odnośnie przedmiotowej instalacji radiokomunikacyjnej.

Tabela 2

Zarządzający instalacją:
Polska Telefonia Cyfrowa Sp. z o.o.
Al. Jerozolimskie 181,
02-222 Warszawa

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: Gliwice_50405_Rynek

Lokalizacja:
Dach budynku biurowego przy ul. Świętokrzyskiej 2.

Lp.	Azymut [^{0}]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	85	Antena sektorowa APXV 906511	900 (GSM)	22,9	224
2.	205	Antena sektorowa APXV 906511	900 (GSM)	22,9	224
3.	325	Antena sektorowa APXV 906511	900 (GSM)	22,9	224
4.	85	Antena sektorowa 742215	2100 (UMTS)	25,2	631
5.	205	Antena sektorowa 742215	2100 (UMTS)	25,2	631
6.	325	Antena sektorowa 742215	2100 (UMTS)	25,2	631
7.	90	Antena sektorowa 742215	1800 (DCS)	29,7	8262
8.	210	Antena sektorowa 742215	1800 (DCS)	29,7	8262
9.	330	Antena sektorowa 742215	1800 (DCS)	29,7	8262
10.	90	Antena sektorowa 742215	2100 (UMTS)	29,7	1064
		Antena			

11.	210	sektorowa 742215	2100 (UMTS)	29,7	1064
12.	330	Antena sektorowa 742215	2100 (UMTS)	29,7	1064
EIRP $_{max}$, łącznie ze wszystkich anten przedmiotowej instalacji: **30 543** [W].					

Objaśnienia:

EIRP $_{max}$ – wartości max mocy promieniowania równoważnej izotropowo, [W].

7. WYNIKI BADAŃ

Wyniki pomiarów poziomów pól elektromagnetycznych
częstotliwości
100 kHz – 3 GHz
(składowej *elektrycznej* E)
w środowisku

Tabela 3

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego $E^{**)}$ [V/m]	Niepewność pomiaru $U_{E\ 0,95}$ [dB]
1.	P-1 Plac Adama Mickiewicza Dzielnica – Centrum Miasto – Gliwice	0,44	2,5

Objaśnienia:

$E^{**)}$ [V/m] - średnia wartość arytmetyczna wartości skutecznych natężeń pól elektrycznych promieniowania elektromagnetycznego w zakresie częstotliwości 100 kHz – 3 GHz, w danym punkcie obserwacji, w środowisku.

8. ZAŁĄCZNIKI

1. *Raport pomiarowy*
   - w postaci elektronicznej, zarchiwizowany w siedzibie Laboratorium WIOŚ;
2. *Fotografie rejonu badań, szt. 4.*
3. *Szkic sytuacyjny rejonu badań.*

Data wydania: 05.04.2012.

Pomiar wykonał: .....

Sprawozdanie autoryzował: .....

Zatwierdził: .....

narda Safety Test Solutions
an Communications Company

Test Report

Date 11/14/2011
Time 10:41:29 AM
Page 1

Załącznik nr 1 do Sprawozdania z badań nr 776/2011

Instrument / Site

Meter	Probe	
Model: NBM-550 S/N: B-0777	Model: EF0391 S/N: A-0882	
Calibration Due Date 08/06/2011	Calibration Due Date 08/03/2011	

Site	Coordinates
P-1, Plac A. Mickiewicza Miasto (powiat) - Gliwice, województwo śląskie.	Latitude: 50°17'42.2" N Longitude: 18°39'40.1" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; Teren zabudowy mieszkaniowej wielorodzinnej; 14.11.2011 r. Gliwice , woj. śląskie; Ryc. Wykres zależności zmian natężenia składowej elektrycznej pola w funkcji czasu, marker - wartość średnia max elementarna interwału dT: 10 sec, w przedziale czasokresu obserwacji T: 2.00 h, w środowisku. Program Państwowego Monitoringu Środowiska 2011 rok

Measured Values

Zoomed

Timer: Start Time 10:41:29 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	11/14/2011 10:41:39 AM		0.7006 V/m	0.3763 V/m	0.2475 V/m
2	11/14/2011 10:41:49 AM		0.3668 V/m	0.3402 V/m	0.3198 V/m
3	11/14/2011 10:41:59 AM		0.3676 V/m	0.3520 V/m	0.3324 V/m
4	11/14/2011 10:42:09 AM		0.3800 V/m	0.3563 V/m	0.3283 V/m
5	11/14/2011 10:42:19 AM		0.3829 V/m	0.3669 V/m	0.3461 V/m
6	11/14/2011 10:42:29 AM		0.4004 V/m	0.3817 V/m	0.3585 V/m
7	11/14/2011 10:42:39 AM		0.3997 V/m	0.3758 V/m	0.3524 V/m
8	11/14/2011 10:42:49 AM		0.3983 V/m	0.3820 V/m	0.3608 V/m
9	11/14/2011 10:42:59 AM		0.4058 V/m	0.3868 V/m	0.3742 V/m
10	11/14/2011 10:43:09 AM		0.4203 V/m	0.3937 V/m	0.3771 V/m
11	11/14/2011 10:43:19 AM		0.4131 V/m	0.3918 V/m	0.3616 V/m
12	11/14/2011 10:43:29 AM		0.4138 V/m	0.3919 V/m	0.3705 V/m
13	11/14/2011 10:43:39 AM		0.4184 V/m	0.3870 V/m	0.3646 V/m
14	11/14/2011 10:43:49 AM		0.4547 V/m	0.4098 V/m	0.3814 V/m
15	11/14/2011 10:43:59 AM		0.4210 V/m	0.4046 V/m	0.3778 V/m
16	11/14/2011 10:44:09 AM		0.4312 V/m	0.4110 V/m	0.3878 V/m
17	11/14/2011 10:44:19 AM		0.4111 V/m	0.3848 V/m	0.3646 V/m
18	11/14/2011 10:44:29 AM		0.4098 V/m	0.3918 V/m	0.3668 V/m
19	11/14/2011 10:44:39 AM		0.4249 V/m	0.3955 V/m	0.3615 V/m
20	11/14/2011 10:44:49 AM		0.4261 V/m	0.4047 V/m	0.3836 V/m
21	11/14/2011 10:44:59 AM		0.4388 V/m	0.4147 V/m	0.3955 V/m
22	11/14/2011 10:45:09 AM		0.4462 V/m	0.4162 V/m	0.3906 V/m
23	11/14/2011 10:45:19 AM		0.4517 V/m	0.4356 V/m	0.4184 V/m
24	11/14/2011 10:45:29 AM		0.4742 V/m	0.4494 V/m	0.4350 V/m
25	11/14/2011 10:45:39 AM		0.4713 V/m	0.4408 V/m	0.4261 V/m
26	11/14/2011 10:45:49 AM		0.4631 V/m	0.4372 V/m	0.4111 V/m
27	11/14/2011 10:45:59 AM		0.4619 V/m	0.4476 V/m	0.4300 V/m
28	11/14/2011 10:46:09 AM		0.4753 V/m	0.4498 V/m	0.4274 V/m
29	11/14/2011 10:46:19 AM		0.4666 V/m	0.4320 V/m	0.4118 V/m
30	11/14/2011 10:46:29 AM		0.4499 V/m	0.4318 V/m	0.4057 V/m
31	11/14/2011 10:46:39 AM		0.4565 V/m	0.4305 V/m	0.4064 V/m
32	11/14/2011 10:46:49 AM		0.4363 V/m	0.4165 V/m	0.3885 V/m
33	11/14/2011 10:46:59 AM		0.4338 V/m	0.4181 V/m	0.3983 V/m
34	11/14/2011 10:47:09 AM		0.4419 V/m	0.4251 V/m	0.4044 V/m
35	11/14/2011 10:47:19 AM		0.4363 V/m	0.4190 V/m	0.3843 V/m
36	11/14/2011 10:47:29 AM		0.4978 V/m	0.4520 V/m	0.4064 V/m
37	11/14/2011 10:47:39 AM		0.4906 V/m	0.4748 V/m	0.4565 V/m
38	11/14/2011 10:47:49 AM		0.4989 V/m	0.4785 V/m	0.4553 V/m
39	11/14/2011 10:47:59 AM		0.4928 V/m	0.4400 V/m	0.4164 V/m
40	11/14/2011 10:48:09 AM		0.4583 V/m	0.4315 V/m	0.4104 V/m
41	11/14/2011 10:48:19 AM		0.4499 V/m	0.4258 V/m	0.4051 V/m
42	11/14/2011 10:48:29 AM		0.4499 V/m	0.4305 V/m	0.4118 V/m
43	11/14/2011 10:48:39 AM		0.4822 V/m	0.4519 V/m	0.4104 V/m
44	11/14/2011 10:48:49 AM		0.4613 V/m	0.4395 V/m	0.4071 V/m
45	11/14/2011 10:48:59 AM		0.4619 V/m	0.4336 V/m	0.4003 V/m
46	11/14/2011 10:49:09 AM		0.4648 V/m	0.4380 V/m	0.4003 V/m
47	11/14/2011 10:49:19 AM		0.4493 V/m	0.4343 V/m	0.4177 V/m
48	11/14/2011 10:49:29 AM		0.4613 V/m	0.4345 V/m	0.4118 V/m
49	11/14/2011 10:49:39 AM		0.4505 V/m	0.4260 V/m	0.3871 V/m
50	11/14/2011 10:49:49 AM		0.4535 V/m	0.4326 V/m	0.4058 V/m
51	11/14/2011 10:49:59 AM		0.4413 V/m	0.4226 V/m	0.3990 V/m
52	11/14/2011 10:50:09 AM		0.4419 V/m	0.4248 V/m	0.4051 V/m
53	11/14/2011 10:50:19 AM		0.4444 V/m	0.4214 V/m	0.3906 V/m
54	11/14/2011 10:50:29 AM		0.4456 V/m	0.4210 V/m	0.3934 V/m
55	11/14/2011 10:50:39 AM		0.4319 V/m	0.4106 V/m	0.3850 V/m
56	11/14/2011 10:50:49 AM		0.4637 V/m	0.4307 V/m	0.4003 V/m

57	11/14/2011 10:50:59 AM	0.4529 V/m	0.4349 V/m	0.4138 V/m
58	11/14/2011 10:51:09 AM	0.4613 V/m	0.4334 V/m	0.4118 V/m
59	11/14/2011 10:51:19 AM	0.4306 V/m	0.4152 V/m	0.3899 V/m
60	11/14/2011 10:51:29 AM	0.4529 V/m	0.4234 V/m	0.3948 V/m
61	11/14/2011 10:51:39 AM	0.4419 V/m	0.4211 V/m	0.4003 V/m
62	11/14/2011 10:51:49 AM	0.4450 V/m	0.4282 V/m	0.4151 V/m
63	11/14/2011 10:51:59 AM	0.4407 V/m	0.4206 V/m	0.4037 V/m
64	11/14/2011 10:52:09 AM	0.4475 V/m	0.4258 V/m	0.4037 V/m
65	11/14/2011 10:52:19 AM	0.4462 V/m	0.4315 V/m	0.4118 V/m
66	11/14/2011 10:52:29 AM	0.4672 V/m	0.4395 V/m	0.4064 V/m
67	11/14/2011 10:52:39 AM	0.4535 V/m	0.4238 V/m	0.3920 V/m
68	11/14/2011 10:52:49 AM	0.4613 V/m	0.4316 V/m	0.4111 V/m
69	11/14/2011 10:52:59 AM	0.4724 V/m	0.4342 V/m	0.4138 V/m
70	11/14/2011 10:53:09 AM	0.4382 V/m	0.4248 V/m	0.4058 V/m
71	11/14/2011 10:53:19 AM	0.4529 V/m	0.4370 V/m	0.4111 V/m
72	11/14/2011 10:53:29 AM	0.4547 V/m	0.4278 V/m	0.4024 V/m
73	11/14/2011 10:53:39 AM	0.4689 V/m	0.4437 V/m	0.4262 V/m
74	11/14/2011 10:53:49 AM	0.4499 V/m	0.4299 V/m	0.4124 V/m
75	11/14/2011 10:53:59 AM	0.4481 V/m	0.4333 V/m	0.4171 V/m
76	11/14/2011 10:54:09 AM	0.4619 V/m	0.4339 V/m	0.4216 V/m
77	11/14/2011 10:54:19 AM	0.4637 V/m	0.4383 V/m	0.4078 V/m
78	11/14/2011 10:54:29 AM	0.4660 V/m	0.4455 V/m	0.4223 V/m
79	11/14/2011 10:54:39 AM	0.4648 V/m	0.4437 V/m	0.4177 V/m
80	11/14/2011 10:54:49 AM	0.4613 V/m	0.4388 V/m	0.4164 V/m
81	11/14/2011 10:54:59 AM	0.4319 V/m	0.4120 V/m	0.3920 V/m
82	11/14/2011 10:55:09 AM	0.4431 V/m	0.4274 V/m	0.4111 V/m
83	11/14/2011 10:55:19 AM	0.4325 V/m	0.4186 V/m	0.4017 V/m
84	11/14/2011 10:55:29 AM	0.4281 V/m	0.4157 V/m	0.4037 V/m
85	11/14/2011 10:55:39 AM	0.4325 V/m	0.4140 V/m	0.4010 V/m
86	11/14/2011 10:55:49 AM	0.4350 V/m	0.4171 V/m	0.3976 V/m
87	11/14/2011 10:55:59 AM	0.4223 V/m	0.4075 V/m	0.3885 V/m
88	11/14/2011 10:56:09 AM	0.4474 V/m	0.4200 V/m	0.3996 V/m
89	11/14/2011 10:56:19 AM	0.4394 V/m	0.4235 V/m	0.3913 V/m
90	11/14/2011 10:56:29 AM	0.4523 V/m	0.4266 V/m	0.4084 V/m
91	11/14/2011 10:56:39 AM	0.4535 V/m	0.4300 V/m	0.4058 V/m
92	11/14/2011 10:56:49 AM	0.4331 V/m	0.4173 V/m	0.3983 V/m
93	11/14/2011 10:56:59 AM	0.4517 V/m	0.4326 V/m	0.4131 V/m
94	11/14/2011 10:57:09 AM	0.4456 V/m	0.4204 V/m	0.3885 V/m
95	11/14/2011 10:57:19 AM	0.4444 V/m	0.4166 V/m	0.3941 V/m
96	11/14/2011 10:57:29 AM	0.4394 V/m	0.4205 V/m	0.4024 V/m
97	11/14/2011 10:57:39 AM	0.4499 V/m	0.4220 V/m	0.3927 V/m
98	11/14/2011 10:57:49 AM	0.4583 V/m	0.4391 V/m	0.3920 V/m
99	11/14/2011 10:57:59 AM	0.4595 V/m	0.4350 V/m	0.4111 V/m
100	11/14/2011 10:58:09 AM	0.4619 V/m	0.4381 V/m	0.4184 V/m
101	11/14/2011 10:58:19 AM	0.4517 V/m	0.4205 V/m	0.3913 V/m
102	11/14/2011 10:58:29 AM	0.4601 V/m	0.4330 V/m	0.4138 V/m
103	11/14/2011 10:58:39 AM	0.4684 V/m	0.4445 V/m	0.4085 V/m
104	11/14/2011 10:58:49 AM	0.4595 V/m	0.4362 V/m	0.4131 V/m
105	11/14/2011 10:58:59 AM	0.4619 V/m	0.4439 V/m	0.4223 V/m
106	11/14/2011 10:59:09 AM	0.4660 V/m	0.4426 V/m	0.4216 V/m
107	11/14/2011 10:59:19 AM	0.4713 V/m	0.4422 V/m	0.4216 V/m
108	11/14/2011 10:59:29 AM	0.4856 V/m	0.4464 V/m	0.4184 V/m
109	11/14/2011 10:59:39 AM	0.4753 V/m	0.4559 V/m	0.4287 V/m
110	11/14/2011 10:59:49 AM	0.4541 V/m	0.4307 V/m	0.4105 V/m
111	11/14/2011 10:59:59 AM	0.4499 V/m	0.4319 V/m	0.4010 V/m
112	11/14/2011 11:00:09 AM	0.4713 V/m	0.4435 V/m	0.4124 V/m
113	11/14/2011 11:00:19 AM	0.4765 V/m	0.4589 V/m	0.4268 V/m
114	11/14/2011 11:00:29 AM	0.4707 V/m	0.4405 V/m	0.4210 V/m
115	11/14/2011 11:00:39 AM	0.4776 V/m	0.4574 V/m	0.4382 V/m
116	11/14/2011 11:00:49 AM	0.4765 V/m	0.4592 V/m	0.4407 V/m
117	11/14/2011 11:00:59 AM	0.4689 V/m	0.4415 V/m	0.4249 V/m
118	11/14/2011 11:01:09 AM	0.4759 V/m	0.4470 V/m	0.4268 V/m
119	11/14/2011 11:01:19 AM	0.4839 V/m	0.4618 V/m	0.4306 V/m

120	11/14/2011 11:01:29 AM	0.4856 V/m	0.4515 V/m	0.4164 V/m
121	11/14/2011 11:01:39 AM	0.4747 V/m	0.4399 V/m	0.4157 V/m
122	11/14/2011 11:01:49 AM	0.4962 V/m	0.4733 V/m	0.4529 V/m
123	11/14/2011 11:01:59 AM	0.4940 V/m	0.4644 V/m	0.4388 V/m
124	11/14/2011 11:02:09 AM	0.5016 V/m	0.4681 V/m	0.4438 V/m
125	11/14/2011 11:02:19 AM	0.4742 V/m	0.4512 V/m	0.4210 V/m
126	11/14/2011 11:02:29 AM	0.4511 V/m	0.4356 V/m	0.4197 V/m
127	11/14/2011 11:02:39 AM	0.4601 V/m	0.4435 V/m	0.4242 V/m
128	11/14/2011 11:02:49 AM	0.4707 V/m	0.4525 V/m	0.4306 V/m
129	11/14/2011 11:02:59 AM	0.4805 V/m	0.4473 V/m	0.4261 V/m
130	11/14/2011 11:03:09 AM	0.4912 V/m	0.4650 V/m	0.4517 V/m
131	11/14/2011 11:03:19 AM	0.4822 V/m	0.4630 V/m	0.4407 V/m
132	11/14/2011 11:03:29 AM	0.4707 V/m	0.4492 V/m	0.4287 V/m
133	11/14/2011 11:03:39 AM	0.4839 V/m	0.4450 V/m	0.4177 V/m
134	11/14/2011 11:03:49 AM	0.4788 V/m	0.4551 V/m	0.4332 V/m
135	11/14/2011 11:03:59 AM	0.4805 V/m	0.4611 V/m	0.4394 V/m
136	11/14/2011 11:04:09 AM	0.4517 V/m	0.4382 V/m	0.4236 V/m
137	11/14/2011 11:04:19 AM	0.4481 V/m	0.4116 V/m	0.3906 V/m
138	11/14/2011 11:04:29 AM	0.4583 V/m	0.4273 V/m	0.3955 V/m
139	11/14/2011 11:04:39 AM	0.4529 V/m	0.4255 V/m	0.4071 V/m
140	11/14/2011 11:04:49 AM	0.4799 V/m	0.4482 V/m	0.4216 V/m
141	11/14/2011 11:04:59 AM	0.4856 V/m	0.4535 V/m	0.4293 V/m
142	11/14/2011 11:05:09 AM	0.4613 V/m	0.4446 V/m	0.4210 V/m
143	11/14/2011 11:05:19 AM	0.4583 V/m	0.4269 V/m	0.4071 V/m
144	11/14/2011 11:05:29 AM	0.4400 V/m	0.4293 V/m	0.4138 V/m
145	11/14/2011 11:05:39 AM	0.4553 V/m	0.4376 V/m	0.4138 V/m
146	11/14/2011 11:05:49 AM	0.4589 V/m	0.4411 V/m	0.4197 V/m
147	11/14/2011 11:05:59 AM	0.4444 V/m	0.4276 V/m	0.4091 V/m
148	11/14/2011 11:06:09 AM	0.4363 V/m	0.4197 V/m	0.3976 V/m
149	11/14/2011 11:06:19 AM	0.4462 V/m	0.4224 V/m	0.3920 V/m
150	11/14/2011 11:06:29 AM	0.4268 V/m	0.4129 V/m	0.4037 V/m
151	11/14/2011 11:06:39 AM	0.4444 V/m	0.4242 V/m	0.3948 V/m
152	11/14/2011 11:06:49 AM	0.4338 V/m	0.4162 V/m	0.3983 V/m
153	11/14/2011 11:06:59 AM	0.4382 V/m	0.4058 V/m	0.3899 V/m
154	11/14/2011 11:07:09 AM	0.4553 V/m	0.4325 V/m	0.4098 V/m
155	11/14/2011 11:07:19 AM	0.4601 V/m	0.4242 V/m	0.3920 V/m
156	11/14/2011 11:07:29 AM	0.4344 V/m	0.4108 V/m	0.3793 V/m
157	11/14/2011 11:07:39 AM	0.4344 V/m	0.4209 V/m	0.4058 V/m
158	11/14/2011 11:07:49 AM	0.4565 V/m	0.4360 V/m	0.4084 V/m
159	11/14/2011 11:07:59 AM	0.4517 V/m	0.4230 V/m	0.4030 V/m
160	11/14/2011 11:08:09 AM	0.4462 V/m	0.4213 V/m	0.4010 V/m
161	11/14/2011 11:08:19 AM	0.4595 V/m	0.4346 V/m	0.4091 V/m
162	11/14/2011 11:08:29 AM	0.4407 V/m	0.4068 V/m	0.3771 V/m
163	11/14/2011 11:08:39 AM	0.4595 V/m	0.4342 V/m	0.4111 V/m
164	11/14/2011 11:08:49 AM	0.4338 V/m	0.4190 V/m	0.4044 V/m
165	11/14/2011 11:08:59 AM	0.4407 V/m	0.4196 V/m	0.3996 V/m
166	11/14/2011 11:09:09 AM	0.4281 V/m	0.4083 V/m	0.3864 V/m
167	11/14/2011 11:09:19 AM	0.4312 V/m	0.4112 V/m	0.3892 V/m
168	11/14/2011 11:09:29 AM	0.4157 V/m	0.3972 V/m	0.3735 V/m
169	11/14/2011 11:09:39 AM	0.4249 V/m	0.4087 V/m	0.3836 V/m
170	11/14/2011 11:09:49 AM	0.4388 V/m	0.4116 V/m	0.3899 V/m
171	11/14/2011 11:09:59 AM	0.4164 V/m	0.4009 V/m	0.3785 V/m
172	11/14/2011 11:10:09 AM	0.4255 V/m	0.4106 V/m	0.3948 V/m
173	11/14/2011 11:10:19 AM	0.4565 V/m	0.4244 V/m	0.3969 V/m
174	11/14/2011 11:10:29 AM	0.4565 V/m	0.4272 V/m	0.4037 V/m
175	11/14/2011 11:10:39 AM	0.4595 V/m	0.4373 V/m	0.4111 V/m
176	11/14/2011 11:10:49 AM	0.4565 V/m	0.4254 V/m	0.3976 V/m
177	11/14/2011 11:10:59 AM	0.4660 V/m	0.4314 V/m	0.4084 V/m
178	11/14/2011 11:11:09 AM	0.4689 V/m	0.4370 V/m	0.4064 V/m
179	11/14/2011 11:11:19 AM	0.4625 V/m	0.4424 V/m	0.4236 V/m
180	11/14/2011 11:11:29 AM	0.4468 V/m	0.4300 V/m	0.4085 V/m
181	11/14/2011 11:11:39 AM	0.4559 V/m	0.4275 V/m	0.4084 V/m
182	11/14/2011 11:11:49 AM	0.4357 V/m	0.4202 V/m	0.3983 V/m

183	11/14/2011 11:11:59 AM	0.4481 V/m	0.4303 V/m	0.4071 V/m
184	11/14/2011 11:12:09 AM	0.4559 V/m	0.4327 V/m	0.4084 V/m
185	11/14/2011 11:12:19 AM	0.4589 V/m	0.4419 V/m	0.4203 V/m
186	11/14/2011 11:12:29 AM	0.4541 V/m	0.4314 V/m	0.4171 V/m
187	11/14/2011 11:12:39 AM	0.4523 V/m	0.4304 V/m	0.4144 V/m
188	11/14/2011 11:12:49 AM	0.4511 V/m	0.4319 V/m	0.4071 V/m
189	11/14/2011 11:12:59 AM	0.4719 V/m	0.4377 V/m	0.4031 V/m
190	11/14/2011 11:13:09 AM	0.4684 V/m	0.4384 V/m	0.4190 V/m
191	11/14/2011 11:13:19 AM	0.4541 V/m	0.4348 V/m	0.4131 V/m
192	11/14/2011 11:13:29 AM	0.4765 V/m	0.4572 V/m	0.4351 V/m
193	11/14/2011 11:13:39 AM	0.4689 V/m	0.4447 V/m	0.4184 V/m
194	11/14/2011 11:13:49 AM	0.4607 V/m	0.4414 V/m	0.4171 V/m
195	11/14/2011 11:13:59 AM	0.4643 V/m	0.4434 V/m	0.4229 V/m
196	11/14/2011 11:14:09 AM	0.4613 V/m	0.4433 V/m	0.4294 V/m
197	11/14/2011 11:14:19 AM	0.4637 V/m	0.4412 V/m	0.4105 V/m
198	11/14/2011 11:14:29 AM	0.4684 V/m	0.4453 V/m	0.4236 V/m
199	11/14/2011 11:14:39 AM	0.4571 V/m	0.4307 V/m	0.4118 V/m
200	11/14/2011 11:14:49 AM	0.4625 V/m	0.4395 V/m	0.4151 V/m
201	11/14/2011 11:14:59 AM	0.4759 V/m	0.4560 V/m	0.4376 V/m
202	11/14/2011 11:15:09 AM	0.4912 V/m	0.4722 V/m	0.4369 V/m
203	11/14/2011 11:15:19 AM	0.5055 V/m	0.4748 V/m	0.4511 V/m
204	11/14/2011 11:15:29 AM	0.4642 V/m	0.4508 V/m	0.4325 V/m
205	11/14/2011 11:15:39 AM	0.4822 V/m	0.4602 V/m	0.4431 V/m
206	11/14/2011 11:15:49 AM	0.4719 V/m	0.4575 V/m	0.4319 V/m
207	11/14/2011 11:15:59 AM	0.4672 V/m	0.4527 V/m	0.4344 V/m
208	11/14/2011 11:16:09 AM	0.4816 V/m	0.4615 V/m	0.4462 V/m
209	11/14/2011 11:16:19 AM	0.4793 V/m	0.4656 V/m	0.4431 V/m
210	11/14/2011 11:16:29 AM	0.4978 V/m	0.4772 V/m	0.4505 V/m
211	11/14/2011 11:16:39 AM	0.4827 V/m	0.4641 V/m	0.4493 V/m
212	11/14/2011 11:16:49 AM	0.4833 V/m	0.4553 V/m	0.4300 V/m
213	11/14/2011 11:16:59 AM	0.4827 V/m	0.4620 V/m	0.4444 V/m
214	11/14/2011 11:17:09 AM	0.4816 V/m	0.4615 V/m	0.4388 V/m
215	11/14/2011 11:17:19 AM	0.4666 V/m	0.4474 V/m	0.4262 V/m
216	11/14/2011 11:17:29 AM	0.4654 V/m	0.4526 V/m	0.4388 V/m
217	11/14/2011 11:17:39 AM	0.4689 V/m	0.4496 V/m	0.4261 V/m
218	11/14/2011 11:17:49 AM	0.4678 V/m	0.4461 V/m	0.4274 V/m
219	11/14/2011 11:17:59 AM	0.4553 V/m	0.4387 V/m	0.4229 V/m
220	11/14/2011 11:18:09 AM	0.4619 V/m	0.4419 V/m	0.4236 V/m
221	11/14/2011 11:18:19 AM	0.4541 V/m	0.4370 V/m	0.4164 V/m
222	11/14/2011 11:18:29 AM	0.4535 V/m	0.4368 V/m	0.4216 V/m
223	11/14/2011 11:18:39 AM	0.4684 V/m	0.4450 V/m	0.4223 V/m
224	11/14/2011 11:18:49 AM	0.4844 V/m	0.4611 V/m	0.4431 V/m
225	11/14/2011 11:18:59 AM	0.5006 V/m	0.4708 V/m	0.4505 V/m
226	11/14/2011 11:19:09 AM	0.4839 V/m	0.4611 V/m	0.4407 V/m
227	11/14/2011 11:19:19 AM	0.4956 V/m	0.4724 V/m	0.4577 V/m
228	11/14/2011 11:19:29 AM	0.4873 V/m	0.4676 V/m	0.4456 V/m
229	11/14/2011 11:19:39 AM	0.4929 V/m	0.4784 V/m	0.4559 V/m
230	11/14/2011 11:19:49 AM	0.4844 V/m	0.4627 V/m	0.4171 V/m
231	11/14/2011 11:19:59 AM	0.4861 V/m	0.4676 V/m	0.4535 V/m
232	11/14/2011 11:20:09 AM	0.4701 V/m	0.4394 V/m	0.4184 V/m
233	11/14/2011 11:20:19 AM	0.4631 V/m	0.4472 V/m	0.4164 V/m
234	11/14/2011 11:20:29 AM	0.4481 V/m	0.4365 V/m	0.4229 V/m
235	11/14/2011 11:20:39 AM	0.4607 V/m	0.4408 V/m	0.4184 V/m
236	11/14/2011 11:20:49 AM	0.4577 V/m	0.4390 V/m	0.4203 V/m
237	11/14/2011 11:20:59 AM	0.4601 V/m	0.4427 V/m	0.4197 V/m
238	11/14/2011 11:21:09 AM	0.4742 V/m	0.4498 V/m	0.4281 V/m
239	11/14/2011 11:21:19 AM	0.4559 V/m	0.4392 V/m	0.4197 V/m
240	11/14/2011 11:21:29 AM	0.4505 V/m	0.4334 V/m	0.4151 V/m
241	11/14/2011 11:21:39 AM	0.4523 V/m	0.4303 V/m	0.4084 V/m
242	11/14/2011 11:21:49 AM	0.4511 V/m	0.4377 V/m	0.4151 V/m
243	11/14/2011 11:21:59 AM	0.4839 V/m	0.4510 V/m	0.4306 V/m
244	11/14/2011 11:22:09 AM	0.4793 V/m	0.4568 V/m	0.4394 V/m
245	11/14/2011 11:22:19 AM	0.4810 V/m	0.4610 V/m	0.4369 V/m

246	11/14/2011 11:22:29 AM	0.4889 V/m	0.4679 V/m	0.4456 V/m
247	11/14/2011 11:22:39 AM	0.4889 V/m	0.4581 V/m	0.4255 V/m
248	11/14/2011 11:22:49 AM	0.4839 V/m	0.4483 V/m	0.4118 V/m
249	11/14/2011 11:22:59 AM	0.4736 V/m	0.4529 V/m	0.4300 V/m
250	11/14/2011 11:23:09 AM	0.4747 V/m	0.4548 V/m	0.4376 V/m
251	11/14/2011 11:23:19 AM	0.4643 V/m	0.4415 V/m	0.4216 V/m
252	11/14/2011 11:23:29 AM	0.4747 V/m	0.4500 V/m	0.4203 V/m
253	11/14/2011 11:23:39 AM	0.4788 V/m	0.4596 V/m	0.4338 V/m
254	11/14/2011 11:23:49 AM	0.4861 V/m	0.4596 V/m	0.4344 V/m
255	11/14/2011 11:23:59 AM	0.4912 V/m	0.4671 V/m	0.4511 V/m
256	11/14/2011 11:24:09 AM	0.4989 V/m	0.4665 V/m	0.4419 V/m
257	11/14/2011 11:24:19 AM	0.4613 V/m	0.4328 V/m	0.3983 V/m
258	11/14/2011 11:24:29 AM	0.4654 V/m	0.4342 V/m	0.4111 V/m
259	11/14/2011 11:24:39 AM	0.4707 V/m	0.4517 V/m	0.4325 V/m
260	11/14/2011 11:24:49 AM	0.4577 V/m	0.4471 V/m	0.4325 V/m
261	11/14/2011 11:24:59 AM	0.4595 V/m	0.4400 V/m	0.4171 V/m
262	11/14/2011 11:25:09 AM	0.4672 V/m	0.4501 V/m	0.4223 V/m
263	11/14/2011 11:25:19 AM	0.4529 V/m	0.4346 V/m	0.4138 V/m
264	11/14/2011 11:25:29 AM	0.4660 V/m	0.4358 V/m	0.4138 V/m
265	11/14/2011 11:25:39 AM	0.4759 V/m	0.4548 V/m	0.4249 V/m
266	11/14/2011 11:25:49 AM	0.4742 V/m	0.4551 V/m	0.4313 V/m
267	11/14/2011 11:25:59 AM	0.4637 V/m	0.4437 V/m	0.4281 V/m
268	11/14/2011 11:26:09 AM	0.4450 V/m	0.4281 V/m	0.4124 V/m
269	11/14/2011 11:26:19 AM	0.4934 V/m	0.4554 V/m	0.4236 V/m
270	11/14/2011 11:26:29 AM	0.4583 V/m	0.4463 V/m	0.4313 V/m
271	11/14/2011 11:26:39 AM	0.4625 V/m	0.4395 V/m	0.4203 V/m
272	11/14/2011 11:26:49 AM	0.4736 V/m	0.4462 V/m	0.4177 V/m
273	11/14/2011 11:26:59 AM	0.4660 V/m	0.4458 V/m	0.4294 V/m
274	11/14/2011 11:27:09 AM	0.4707 V/m	0.4509 V/m	0.4274 V/m
275	11/14/2011 11:27:19 AM	0.4759 V/m	0.4557 V/m	0.4306 V/m
276	11/14/2011 11:27:29 AM	0.4890 V/m	0.4524 V/m	0.4306 V/m
277	11/14/2011 11:27:39 AM	0.4951 V/m	0.4660 V/m	0.4313 V/m
278	11/14/2011 11:27:49 AM	0.4839 V/m	0.4657 V/m	0.4394 V/m
279	11/14/2011 11:27:59 AM	0.4867 V/m	0.4606 V/m	0.4313 V/m
280	11/14/2011 11:28:09 AM	0.4724 V/m	0.4505 V/m	0.4338 V/m
281	11/14/2011 11:28:19 AM	0.4695 V/m	0.4463 V/m	0.4287 V/m
282	11/14/2011 11:28:29 AM	0.4833 V/m	0.4556 V/m	0.4363 V/m
283	11/14/2011 11:28:39 AM	0.4689 V/m	0.4501 V/m	0.4197 V/m
284	11/14/2011 11:28:49 AM	0.4730 V/m	0.4478 V/m	0.4203 V/m
285	11/14/2011 11:28:59 AM	0.4765 V/m	0.4493 V/m	0.4274 V/m
286	11/14/2011 11:29:09 AM	0.4759 V/m	0.4475 V/m	0.4216 V/m
287	11/14/2011 11:29:19 AM	0.4672 V/m	0.4491 V/m	0.4274 V/m
288	11/14/2011 11:29:29 AM	0.4613 V/m	0.4444 V/m	0.4242 V/m
289	11/14/2011 11:29:39 AM	0.4684 V/m	0.4514 V/m	0.4350 V/m
290	11/14/2011 11:29:49 AM	0.4736 V/m	0.4520 V/m	0.4294 V/m
291	11/14/2011 11:29:59 AM	0.4547 V/m	0.4391 V/m	0.4157 V/m
292	11/14/2011 11:30:09 AM	0.4770 V/m	0.4534 V/m	0.4177 V/m
293	11/14/2011 11:30:19 AM	0.4601 V/m	0.4359 V/m	0.4144 V/m
294	11/14/2011 11:30:29 AM	0.4799 V/m	0.4556 V/m	0.4255 V/m
295	11/14/2011 11:30:39 AM	0.4805 V/m	0.4604 V/m	0.4425 V/m
296	11/14/2011 11:30:49 AM	0.4637 V/m	0.4482 V/m	0.4281 V/m
297	11/14/2011 11:30:59 AM	0.4799 V/m	0.4535 V/m	0.4388 V/m
298	11/14/2011 11:31:09 AM	0.4619 V/m	0.4489 V/m	0.4249 V/m
299	11/14/2011 11:31:19 AM	0.4678 V/m	0.4496 V/m	0.4255 V/m
300	11/14/2011 11:31:29 AM	0.4487 V/m	0.4347 V/m	0.4105 V/m
301	11/14/2011 11:31:39 AM	0.4595 V/m	0.4343 V/m	0.4171 V/m
302	11/14/2011 11:31:49 AM	0.4713 V/m	0.4433 V/m	0.4216 V/m
303	11/14/2011 11:31:59 AM	0.4917 V/m	0.4644 V/m	0.4350 V/m
304	11/14/2011 11:32:09 AM	0.4793 V/m	0.4447 V/m	0.4274 V/m
305	11/14/2011 11:32:19 AM	0.4643 V/m	0.4490 V/m	0.4325 V/m
306	11/14/2011 11:32:29 AM	0.4788 V/m	0.4487 V/m	0.4223 V/m
307	11/14/2011 11:32:39 AM	0.4765 V/m	0.4568 V/m	0.4300 V/m
308	11/14/2011 11:32:49 AM	0.4707 V/m	0.4463 V/m	0.4268 V/m

309	11/14/2011 11:32:59 AM	0.4690 V/m	0.4395 V/m	0.4158 V/m
310	11/14/2011 11:33:09 AM	0.4730 V/m	0.4426 V/m	0.4184 V/m
311	11/14/2011 11:33:19 AM	0.4559 V/m	0.4386 V/m	0.4216 V/m
312	11/14/2011 11:33:29 AM	0.4607 V/m	0.4424 V/m	0.4229 V/m
313	11/14/2011 11:33:39 AM	0.4601 V/m	0.4357 V/m	0.3969 V/m
314	11/14/2011 11:33:49 AM	0.4438 V/m	0.4239 V/m	0.4064 V/m
315	11/14/2011 11:33:59 AM	0.4419 V/m	0.4209 V/m	0.4017 V/m
316	11/14/2011 11:34:09 AM	0.4601 V/m	0.4420 V/m	0.4229 V/m
317	11/14/2011 11:34:19 AM	0.4523 V/m	0.4376 V/m	0.4203 V/m
318	11/14/2011 11:34:29 AM	0.4713 V/m	0.4474 V/m	0.4268 V/m
319	11/14/2011 11:34:39 AM	0.4759 V/m	0.4529 V/m	0.4236 V/m
320	11/14/2011 11:34:49 AM	0.4861 V/m	0.4611 V/m	0.4306 V/m
321	11/14/2011 11:34:59 AM	0.4805 V/m	0.4605 V/m	0.4394 V/m
322	11/14/2011 11:35:09 AM	0.4788 V/m	0.4542 V/m	0.4319 V/m
323	11/14/2011 11:35:19 AM	0.4878 V/m	0.4669 V/m	0.4281 V/m
324	11/14/2011 11:35:29 AM	0.4816 V/m	0.4628 V/m	0.4487 V/m
325	11/14/2011 11:35:39 AM	0.4666 V/m	0.4469 V/m	0.4287 V/m
326	11/14/2011 11:35:49 AM	0.4487 V/m	0.4211 V/m	0.4010 V/m
327	11/14/2011 11:35:59 AM	0.4917 V/m	0.4530 V/m	0.4184 V/m
328	11/14/2011 11:36:09 AM	0.4782 V/m	0.4608 V/m	0.4431 V/m
329	11/14/2011 11:36:19 AM	0.4850 V/m	0.4636 V/m	0.4444 V/m
330	11/14/2011 11:36:29 AM	0.4901 V/m	0.4640 V/m	0.4382 V/m
331	11/14/2011 11:36:39 AM	0.4799 V/m	0.4488 V/m	0.4262 V/m
332	11/14/2011 11:36:49 AM	0.4643 V/m	0.4469 V/m	0.4281 V/m
333	11/14/2011 11:36:59 AM	0.4867 V/m	0.4595 V/m	0.4432 V/m
334	11/14/2011 11:37:09 AM	0.4765 V/m	0.4430 V/m	0.4190 V/m
335	11/14/2011 11:37:19 AM	0.4595 V/m	0.4426 V/m	0.4223 V/m
336	11/14/2011 11:37:29 AM	0.4689 V/m	0.4530 V/m	0.4313 V/m
337	11/14/2011 11:37:39 AM	0.4742 V/m	0.4555 V/m	0.4388 V/m
338	11/14/2011 11:37:49 AM	0.4805 V/m	0.4599 V/m	0.4382 V/m
339	11/14/2011 11:37:59 AM	0.4850 V/m	0.4582 V/m	0.4382 V/m
340	11/14/2011 11:38:09 AM	0.4917 V/m	0.4656 V/m	0.4382 V/m
341	11/14/2011 11:38:19 AM	0.5162 V/m	0.4926 V/m	0.4707 V/m
342	11/14/2011 11:38:29 AM	0.5130 V/m	0.4728 V/m	0.4407 V/m
343	11/14/2011 11:38:39 AM	0.4973 V/m	0.4640 V/m	0.4357 V/m
344	11/14/2011 11:38:49 AM	0.4736 V/m	0.4473 V/m	0.4274 V/m
345	11/14/2011 11:38:59 AM	0.4649 V/m	0.4507 V/m	0.4351 V/m
346	11/14/2011 11:39:09 AM	0.4895 V/m	0.4617 V/m	0.4432 V/m
347	11/14/2011 11:39:19 AM	0.4822 V/m	0.4525 V/m	0.4313 V/m
348	11/14/2011 11:39:29 AM	0.4607 V/m	0.4500 V/m	0.4325 V/m
349	11/14/2011 11:39:39 AM	0.4811 V/m	0.4565 V/m	0.4319 V/m
350	11/14/2011 11:39:49 AM	0.4759 V/m	0.4524 V/m	0.4344 V/m
351	11/14/2011 11:39:59 AM	0.4862 V/m	0.4523 V/m	0.4332 V/m
352	11/14/2011 11:40:09 AM	0.4765 V/m	0.4525 V/m	0.4262 V/m
353	11/14/2011 11:40:19 AM	0.4828 V/m	0.4611 V/m	0.4388 V/m
354	11/14/2011 11:40:29 AM	0.4776 V/m	0.4520 V/m	0.4287 V/m
355	11/14/2011 11:40:39 AM	0.4765 V/m	0.4530 V/m	0.4223 V/m
356	11/14/2011 11:40:49 AM	0.4822 V/m	0.4504 V/m	0.4229 V/m
357	11/14/2011 11:40:59 AM	0.4684 V/m	0.4447 V/m	0.4031 V/m
358	11/14/2011 11:41:09 AM	0.4782 V/m	0.4536 V/m	0.4325 V/m
359	11/14/2011 11:41:19 AM	0.4895 V/m	0.4543 V/m	0.4262 V/m
360	11/14/2011 11:41:29 AM	0.4601 V/m	0.4395 V/m	0.4118 V/m
361	11/14/2011 11:41:39 AM	0.4660 V/m	0.4452 V/m	0.4229 V/m
362	11/14/2011 11:41:49 AM	0.4625 V/m	0.4420 V/m	0.4229 V/m
363	11/14/2011 11:41:59 AM	0.4571 V/m	0.4445 V/m	0.4242 V/m
364	11/14/2011 11:42:09 AM	0.4625 V/m	0.4421 V/m	0.4184 V/m
365	11/14/2011 11:42:19 AM	0.4724 V/m	0.4515 V/m	0.4325 V/m
366	11/14/2011 11:42:29 AM	0.4535 V/m	0.4408 V/m	0.4242 V/m
367	11/14/2011 11:42:39 AM	0.4765 V/m	0.4605 V/m	0.4475 V/m
368	11/14/2011 11:42:49 AM	0.4776 V/m	0.4575 V/m	0.4313 V/m
369	11/14/2011 11:42:59 AM	0.4816 V/m	0.4570 V/m	0.4407 V/m
370	11/14/2011 11:43:09 AM	0.4776 V/m	0.4551 V/m	0.4300 V/m
371	11/14/2011 11:43:19 AM	0.4660 V/m	0.4438 V/m	0.4203 V/m

372	11/14/2011 11:43:29 AM	0.4730 V/m	0.4541 V/m	0.4294 V/m
373	11/14/2011 11:43:39 AM	0.4678 V/m	0.4574 V/m	0.4394 V/m
374	11/14/2011 11:43:49 AM	0.4782 V/m	0.4559 V/m	0.4394 V/m
375	11/14/2011 11:43:59 AM	0.4690 V/m	0.4559 V/m	0.4419 V/m
376	11/14/2011 11:44:09 AM	0.4607 V/m	0.4499 V/m	0.4357 V/m
377	11/14/2011 11:44:19 AM	0.4730 V/m	0.4501 V/m	0.4262 V/m
378	11/14/2011 11:44:29 AM	0.4672 V/m	0.4464 V/m	0.4300 V/m
379	11/14/2011 11:44:39 AM	0.4861 V/m	0.4633 V/m	0.4432 V/m
380	11/14/2011 11:44:49 AM	0.4861 V/m	0.4711 V/m	0.4577 V/m
381	11/14/2011 11:44:59 AM	0.5044 V/m	0.4754 V/m	0.4475 V/m
382	11/14/2011 11:45:09 AM	0.5011 V/m	0.4785 V/m	0.4559 V/m
383	11/14/2011 11:45:19 AM	0.4901 V/m	0.4637 V/m	0.4394 V/m
384	11/14/2011 11:45:29 AM	0.4771 V/m	0.4482 V/m	0.4190 V/m
385	11/14/2011 11:45:39 AM	0.4613 V/m	0.4410 V/m	0.4125 V/m
386	11/14/2011 11:45:49 AM	0.4631 V/m	0.4468 V/m	0.4325 V/m
387	11/14/2011 11:45:59 AM	0.4660 V/m	0.4415 V/m	0.4144 V/m
388	11/14/2011 11:46:09 AM	0.4547 V/m	0.4445 V/m	0.4262 V/m
389	11/14/2011 11:46:19 AM	0.4724 V/m	0.4579 V/m	0.4388 V/m
390	11/14/2011 11:46:29 AM	0.4822 V/m	0.4596 V/m	0.4382 V/m
391	11/14/2011 11:46:39 AM	0.4753 V/m	0.4550 V/m	0.4332 V/m
392	11/14/2011 11:46:49 AM	0.4788 V/m	0.4650 V/m	0.4468 V/m
393	11/14/2011 11:46:59 AM	0.4747 V/m	0.4465 V/m	0.4229 V/m
394	11/14/2011 11:47:09 AM	0.4613 V/m	0.4434 V/m	0.4223 V/m
395	11/14/2011 11:47:19 AM	0.4666 V/m	0.4489 V/m	0.4363 V/m
396	11/14/2011 11:47:29 AM	0.4748 V/m	0.4572 V/m	0.4325 V/m
397	11/14/2011 11:47:39 AM	0.4719 V/m	0.4532 V/m	0.4338 V/m
398	11/14/2011 11:47:49 AM	0.4631 V/m	0.4424 V/m	0.4287 V/m
399	11/14/2011 11:47:59 AM	0.4707 V/m	0.4544 V/m	0.4376 V/m
400	11/14/2011 11:48:09 AM	0.4690 V/m	0.4454 V/m	0.4242 V/m
401	11/14/2011 11:48:19 AM	0.4637 V/m	0.4444 V/m	0.4236 V/m
402	11/14/2011 11:48:29 AM	0.4701 V/m	0.4473 V/m	0.4242 V/m
403	11/14/2011 11:48:39 AM	0.4643 V/m	0.4453 V/m	0.4210 V/m
404	11/14/2011 11:48:49 AM	0.4736 V/m	0.4506 V/m	0.4294 V/m
405	11/14/2011 11:48:59 AM	0.4660 V/m	0.4500 V/m	0.4294 V/m
406	11/14/2011 11:49:09 AM	0.4631 V/m	0.4346 V/m	0.4085 V/m
407	11/14/2011 11:49:19 AM	0.4607 V/m	0.4340 V/m	0.4158 V/m
408	11/14/2011 11:49:29 AM	0.4724 V/m	0.4494 V/m	0.4281 V/m
409	11/14/2011 11:49:39 AM	0.4666 V/m	0.4523 V/m	0.4319 V/m
410	11/14/2011 11:49:49 AM	0.4962 V/m	0.4687 V/m	0.4438 V/m
411	11/14/2011 11:49:59 AM	0.4962 V/m	0.4782 V/m	0.4678 V/m
412	11/14/2011 11:50:09 AM	0.4828 V/m	0.4621 V/m	0.4369 V/m
413	11/14/2011 11:50:19 AM	0.4736 V/m	0.4485 V/m	0.4268 V/m
414	11/14/2011 11:50:29 AM	0.4481 V/m	0.4290 V/m	0.4111 V/m
415	11/14/2011 11:50:39 AM	0.4249 V/m	0.4126 V/m	0.3941 V/m
416	11/14/2011 11:50:49 AM	0.4357 V/m	0.4190 V/m	0.4024 V/m
417	11/14/2011 11:50:59 AM	0.4613 V/m	0.4404 V/m	0.4217 V/m
418	11/14/2011 11:51:09 AM	0.4649 V/m	0.4461 V/m	0.4236 V/m
419	11/14/2011 11:51:19 AM	0.4643 V/m	0.4437 V/m	0.4151 V/m
420	11/14/2011 11:51:29 AM	0.4867 V/m	0.4672 V/m	0.4487 V/m
421	11/14/2011 11:51:39 AM	0.4816 V/m	0.4595 V/m	0.4210 V/m
422	11/14/2011 11:51:49 AM	0.4753 V/m	0.4500 V/m	0.4216 V/m
423	11/14/2011 11:51:59 AM	0.4695 V/m	0.4493 V/m	0.4242 V/m
424	11/14/2011 11:52:09 AM	0.4649 V/m	0.4487 V/m	0.4332 V/m
425	11/14/2011 11:52:19 AM	0.4816 V/m	0.4518 V/m	0.4274 V/m
426	11/14/2011 11:52:29 AM	0.4654 V/m	0.4397 V/m	0.4144 V/m
427	11/14/2011 11:52:39 AM	0.4799 V/m	0.4550 V/m	0.4229 V/m
428	11/14/2011 11:52:49 AM	0.4707 V/m	0.4548 V/m	0.4332 V/m
429	11/14/2011 11:52:59 AM	0.4782 V/m	0.4519 V/m	0.4262 V/m
430	11/14/2011 11:53:09 AM	0.4589 V/m	0.4419 V/m	0.4217 V/m
431	11/14/2011 11:53:19 AM	0.4631 V/m	0.4442 V/m	0.4197 V/m
432	11/14/2011 11:53:29 AM	0.4560 V/m	0.4328 V/m	0.4031 V/m
433	11/14/2011 11:53:39 AM	0.4548 V/m	0.4347 V/m	0.4031 V/m
434	11/14/2011 11:53:49 AM	0.4541 V/m	0.4322 V/m	0.4105 V/m

435	11/14/2011 11:53:59 AM	0.4833 V/m	0.4661 V/m	0.4281 V/m
436	11/14/2011 11:54:09 AM	0.4619 V/m	0.4503 V/m	0.4363 V/m
437	11/14/2011 11:54:19 AM	0.4713 V/m	0.4487 V/m	0.4242 V/m
438	11/14/2011 11:54:29 AM	0.4805 V/m	0.4556 V/m	0.4249 V/m
439	11/14/2011 11:54:39 AM	0.4771 V/m	0.4515 V/m	0.4287 V/m
440	11/14/2011 11:54:49 AM	0.4912 V/m	0.4616 V/m	0.4325 V/m
441	11/14/2011 11:54:59 AM	0.4719 V/m	0.4574 V/m	0.4382 V/m
442	11/14/2011 11:55:09 AM	0.4771 V/m	0.4572 V/m	0.4401 V/m
443	11/14/2011 11:55:19 AM	0.4601 V/m	0.4424 V/m	0.4242 V/m
444	11/14/2011 11:55:29 AM	0.4660 V/m	0.4480 V/m	0.4300 V/m
445	11/14/2011 11:55:39 AM	0.4655 V/m	0.4512 V/m	0.4344 V/m
446	11/14/2011 11:55:49 AM	0.4822 V/m	0.4611 V/m	0.4363 V/m
447	11/14/2011 11:55:59 AM	0.4940 V/m	0.4621 V/m	0.4376 V/m
448	11/14/2011 11:56:09 AM	0.4850 V/m	0.4605 V/m	0.4351 V/m
449	11/14/2011 11:56:19 AM	0.4753 V/m	0.4586 V/m	0.4413 V/m
450	11/14/2011 11:56:29 AM	0.4805 V/m	0.4591 V/m	0.4394 V/m
451	11/14/2011 11:56:39 AM	0.4850 V/m	0.4601 V/m	0.4388 V/m
452	11/14/2011 11:56:49 AM	0.4771 V/m	0.4618 V/m	0.4462 V/m
453	11/14/2011 11:56:59 AM	0.5000 V/m	0.4605 V/m	0.4462 V/m
454	11/14/2011 11:57:09 AM	0.4719 V/m	0.4591 V/m	0.4468 V/m
455	11/14/2011 11:57:19 AM	0.4649 V/m	0.4446 V/m	0.4223 V/m
456	11/14/2011 11:57:29 AM	0.4701 V/m	0.4497 V/m	0.4338 V/m
457	11/14/2011 11:57:39 AM	0.4625 V/m	0.4398 V/m	0.4138 V/m
458	11/14/2011 11:57:49 AM	0.4505 V/m	0.4352 V/m	0.4190 V/m
459	11/14/2011 11:57:59 AM	0.4523 V/m	0.4331 V/m	0.4044 V/m
460	11/14/2011 11:58:09 AM	0.4493 V/m	0.4331 V/m	0.4171 V/m
461	11/14/2011 11:58:19 AM	0.4595 V/m	0.4457 V/m	0.4319 V/m
462	11/14/2011 11:58:29 AM	0.4845 V/m	0.4626 V/m	0.4313 V/m
463	11/14/2011 11:58:39 AM	0.4878 V/m	0.4545 V/m	0.4287 V/m
464	11/14/2011 11:58:49 AM	0.5033 V/m	0.4805 V/m	0.4456 V/m
465	11/14/2011 11:58:59 AM	0.4748 V/m	0.4483 V/m	0.4294 V/m
466	11/14/2011 11:59:09 AM	0.4643 V/m	0.4431 V/m	0.4274 V/m
467	11/14/2011 11:59:19 AM	0.4890 V/m	0.4616 V/m	0.4236 V/m
468	11/14/2011 11:59:29 AM	0.4967 V/m	0.4573 V/m	0.4332 V/m
469	11/14/2011 11:59:39 AM	0.4839 V/m	0.4622 V/m	0.4363 V/m
470	11/14/2011 11:59:49 AM	0.4456 V/m	0.4371 V/m	0.4294 V/m
471	11/14/2011 11:59:59 AM	0.4748 V/m	0.4574 V/m	0.4338 V/m
472	11/14/2011 12:00:09 PM	0.4577 V/m	0.4434 V/m	0.4236 V/m
473	11/14/2011 12:00:19 PM	0.4759 V/m	0.4556 V/m	0.4376 V/m
474	11/14/2011 12:00:29 PM	0.4917 V/m	0.4664 V/m	0.4462 V/m
475	11/14/2011 12:00:39 PM	0.4713 V/m	0.4459 V/m	0.4242 V/m
476	11/14/2011 12:00:49 PM	0.4765 V/m	0.4583 V/m	0.4438 V/m
477	11/14/2011 12:00:59 PM	0.4794 V/m	0.4573 V/m	0.4401 V/m
478	11/14/2011 12:01:09 PM	0.5000 V/m	0.4655 V/m	0.4369 V/m
479	11/14/2011 12:01:19 PM	0.4878 V/m	0.4633 V/m	0.4325 V/m
480	11/14/2011 12:01:29 PM	0.4713 V/m	0.4522 V/m	0.4376 V/m
481	11/14/2011 12:01:39 PM	0.4499 V/m	0.4292 V/m	0.4151 V/m
482	11/14/2011 12:01:49 PM	0.4678 V/m	0.4410 V/m	0.4184 V/m
483	11/14/2011 12:01:59 PM	0.4690 V/m	0.4524 V/m	0.4332 V/m
484	11/14/2011 12:02:09 PM	0.4890 V/m	0.4619 V/m	0.4376 V/m
485	11/14/2011 12:02:19 PM	0.4782 V/m	0.4526 V/m	0.4203 V/m
486	11/14/2011 12:02:29 PM	0.4788 V/m	0.4595 V/m	0.4344 V/m
487	11/14/2011 12:02:39 PM	0.4906 V/m	0.4704 V/m	0.4487 V/m
488	11/14/2011 12:02:49 PM	0.4873 V/m	0.4536 V/m	0.4338 V/m
489	11/14/2011 12:02:59 PM	0.4541 V/m	0.4336 V/m	0.4158 V/m
490	11/14/2011 12:03:09 PM	0.4577 V/m	0.4390 V/m	0.4242 V/m
491	11/14/2011 12:03:19 PM	0.4736 V/m	0.4529 V/m	0.4306 V/m
492	11/14/2011 12:03:29 PM	0.4637 V/m	0.4496 V/m	0.4319 V/m
493	11/14/2011 12:03:39 PM	0.4541 V/m	0.4340 V/m	0.4111 V/m
494	11/14/2011 12:03:49 PM	0.4487 V/m	0.4348 V/m	0.4177 V/m
495	11/14/2011 12:03:59 PM	0.4559 V/m	0.4428 V/m	0.4268 V/m
496	11/14/2011 12:04:09 PM	0.4788 V/m	0.4544 V/m	0.4249 V/m
497	11/14/2011 12:04:19 PM	0.4845 V/m	0.4566 V/m	0.4242 V/m

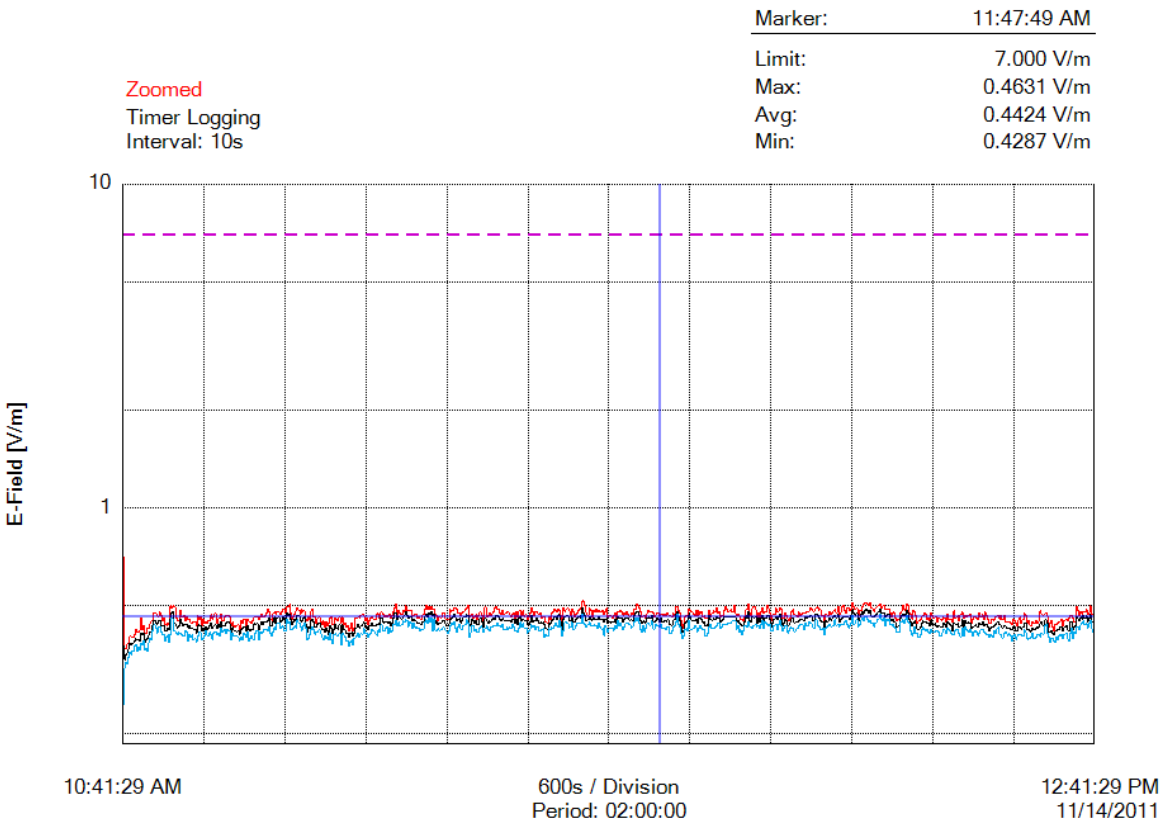
498	11/14/2011 12:04:29 PM	0.4678 V/m	0.4419 V/m	0.4144 V/m
499	11/14/2011 12:04:39 PM	0.4654 V/m	0.4442 V/m	0.4217 V/m
500	11/14/2011 12:04:49 PM	0.4595 V/m	0.4425 V/m	0.4236 V/m
501	11/14/2011 12:04:59 PM	0.4759 V/m	0.4489 V/m	0.4313 V/m
502	11/14/2011 12:05:09 PM	0.4655 V/m	0.4502 V/m	0.4357 V/m
503	11/14/2011 12:05:19 PM	0.4690 V/m	0.4530 V/m	0.4369 V/m
504	11/14/2011 12:05:29 PM	0.4713 V/m	0.4503 V/m	0.4344 V/m
505	11/14/2011 12:05:39 PM	0.4725 V/m	0.4496 V/m	0.4210 V/m
506	11/14/2011 12:05:49 PM	0.4748 V/m	0.4594 V/m	0.4407 V/m
507	11/14/2011 12:05:59 PM	0.4765 V/m	0.4559 V/m	0.4325 V/m
508	11/14/2011 12:06:09 PM	0.4754 V/m	0.4595 V/m	0.4332 V/m
509	11/14/2011 12:06:19 PM	0.4805 V/m	0.4618 V/m	0.4444 V/m
510	11/14/2011 12:06:29 PM	0.4912 V/m	0.4642 V/m	0.4401 V/m
511	11/14/2011 12:06:39 PM	0.4856 V/m	0.4624 V/m	0.4376 V/m
512	11/14/2011 12:06:49 PM	0.4782 V/m	0.4476 V/m	0.4255 V/m
513	11/14/2011 12:06:59 PM	0.4799 V/m	0.4520 V/m	0.4236 V/m
514	11/14/2011 12:07:09 PM	0.4895 V/m	0.4706 V/m	0.4511 V/m
515	11/14/2011 12:07:19 PM	0.4945 V/m	0.4644 V/m	0.4332 V/m
516	11/14/2011 12:07:29 PM	0.4833 V/m	0.4561 V/m	0.4294 V/m
517	11/14/2011 12:07:39 PM	0.4839 V/m	0.4487 V/m	0.4217 V/m
518	11/14/2011 12:07:49 PM	0.4666 V/m	0.4450 V/m	0.4210 V/m
519	11/14/2011 12:07:59 PM	0.4643 V/m	0.4437 V/m	0.4262 V/m
520	11/14/2011 12:08:09 PM	0.4432 V/m	0.4260 V/m	0.4071 V/m
521	11/14/2011 12:08:19 PM	0.4707 V/m	0.4486 V/m	0.4255 V/m
522	11/14/2011 12:08:29 PM	0.4666 V/m	0.4436 V/m	0.4274 V/m
523	11/14/2011 12:08:39 PM	0.4637 V/m	0.4468 V/m	0.4338 V/m
524	11/14/2011 12:08:49 PM	0.4771 V/m	0.4560 V/m	0.4363 V/m
525	11/14/2011 12:08:59 PM	0.4672 V/m	0.4500 V/m	0.4294 V/m
526	11/14/2011 12:09:09 PM	0.4736 V/m	0.4555 V/m	0.4313 V/m
527	11/14/2011 12:09:19 PM	0.4805 V/m	0.4607 V/m	0.4325 V/m
528	11/14/2011 12:09:29 PM	0.4839 V/m	0.4651 V/m	0.4505 V/m
529	11/14/2011 12:09:39 PM	0.4736 V/m	0.4566 V/m	0.4332 V/m
530	11/14/2011 12:09:49 PM	0.4956 V/m	0.4680 V/m	0.4369 V/m
531	11/14/2011 12:09:59 PM	0.4654 V/m	0.4440 V/m	0.4294 V/m
532	11/14/2011 12:10:09 PM	0.4748 V/m	0.4522 V/m	0.4369 V/m
533	11/14/2011 12:10:19 PM	0.4940 V/m	0.4575 V/m	0.4351 V/m
534	11/14/2011 12:10:29 PM	0.4995 V/m	0.4612 V/m	0.4344 V/m
535	11/14/2011 12:10:39 PM	0.4811 V/m	0.4610 V/m	0.4425 V/m
536	11/14/2011 12:10:49 PM	0.4742 V/m	0.4624 V/m	0.4469 V/m
537	11/14/2011 12:10:59 PM	0.4918 V/m	0.4596 V/m	0.4357 V/m
538	11/14/2011 12:11:09 PM	0.4901 V/m	0.4582 V/m	0.4262 V/m
539	11/14/2011 12:11:19 PM	0.4799 V/m	0.4511 V/m	0.4338 V/m
540	11/14/2011 12:11:29 PM	0.4862 V/m	0.4645 V/m	0.4413 V/m
541	11/14/2011 12:11:39 PM	0.5098 V/m	0.4851 V/m	0.4660 V/m
542	11/14/2011 12:11:49 PM	0.4951 V/m	0.4716 V/m	0.4344 V/m
543	11/14/2011 12:11:59 PM	0.4845 V/m	0.4661 V/m	0.4401 V/m
544	11/14/2011 12:12:09 PM	0.4895 V/m	0.4712 V/m	0.4517 V/m
545	11/14/2011 12:12:19 PM	0.4613 V/m	0.4455 V/m	0.4294 V/m
546	11/14/2011 12:12:29 PM	0.4811 V/m	0.4583 V/m	0.4351 V/m
547	11/14/2011 12:12:39 PM	0.4805 V/m	0.4672 V/m	0.4493 V/m
548	11/14/2011 12:12:49 PM	0.4934 V/m	0.4764 V/m	0.4565 V/m
549	11/14/2011 12:12:59 PM	0.5017 V/m	0.4708 V/m	0.4481 V/m
550	11/14/2011 12:13:09 PM	0.5066 V/m	0.4815 V/m	0.4583 V/m
551	11/14/2011 12:13:19 PM	0.5103 V/m	0.4863 V/m	0.4595 V/m
552	11/14/2011 12:13:29 PM	0.5049 V/m	0.4800 V/m	0.4529 V/m
553	11/14/2011 12:13:39 PM	0.4984 V/m	0.4744 V/m	0.4456 V/m
554	11/14/2011 12:13:49 PM	0.5076 V/m	0.4817 V/m	0.4493 V/m
555	11/14/2011 12:13:59 PM	0.4917 V/m	0.4624 V/m	0.4394 V/m
556	11/14/2011 12:14:09 PM	0.4878 V/m	0.4616 V/m	0.4401 V/m
557	11/14/2011 12:14:19 PM	0.4793 V/m	0.4597 V/m	0.4300 V/m
558	11/14/2011 12:14:29 PM	0.4895 V/m	0.4653 V/m	0.4401 V/m
559	11/14/2011 12:14:39 PM	0.4940 V/m	0.4697 V/m	0.4438 V/m
560	11/14/2011 12:14:49 PM	0.4978 V/m	0.4762 V/m	0.4529 V/m

561	11/14/2011 12:14:59 PM	0.5044 V/m	0.4872 V/m	0.4695 V/m
562	11/14/2011 12:15:09 PM	0.4901 V/m	0.4705 V/m	0.4523 V/m
563	11/14/2011 12:15:19 PM	0.4967 V/m	0.4709 V/m	0.4462 V/m
564	11/14/2011 12:15:29 PM	0.4989 V/m	0.4740 V/m	0.4565 V/m
565	11/14/2011 12:15:39 PM	0.4850 V/m	0.4594 V/m	0.4338 V/m
566	11/14/2011 12:15:49 PM	0.4867 V/m	0.4666 V/m	0.4505 V/m
567	11/14/2011 12:15:59 PM	0.4867 V/m	0.4667 V/m	0.4499 V/m
568	11/14/2011 12:16:09 PM	0.4862 V/m	0.4668 V/m	0.4529 V/m
569	11/14/2011 12:16:19 PM	0.4742 V/m	0.4540 V/m	0.4357 V/m
570	11/14/2011 12:16:29 PM	0.4601 V/m	0.4475 V/m	0.4338 V/m
571	11/14/2011 12:16:39 PM	0.4759 V/m	0.4518 V/m	0.4376 V/m
572	11/14/2011 12:16:49 PM	0.4719 V/m	0.4441 V/m	0.4268 V/m
573	11/14/2011 12:16:59 PM	0.4565 V/m	0.4409 V/m	0.4229 V/m
574	11/14/2011 12:17:09 PM	0.4481 V/m	0.4280 V/m	0.4131 V/m
575	11/14/2011 12:17:19 PM	0.4541 V/m	0.4317 V/m	0.4131 V/m
576	11/14/2011 12:17:29 PM	0.4719 V/m	0.4544 V/m	0.4444 V/m
577	11/14/2011 12:17:39 PM	0.4788 V/m	0.4639 V/m	0.4444 V/m
578	11/14/2011 12:17:49 PM	0.5011 V/m	0.4701 V/m	0.4505 V/m
579	11/14/2011 12:17:59 PM	0.4850 V/m	0.4653 V/m	0.4413 V/m
580	11/14/2011 12:18:09 PM	0.4833 V/m	0.4692 V/m	0.4529 V/m
581	11/14/2011 12:18:19 PM	0.5049 V/m	0.4834 V/m	0.4654 V/m
582	11/14/2011 12:18:29 PM	0.4973 V/m	0.4717 V/m	0.4438 V/m
583	11/14/2011 12:18:39 PM	0.4724 V/m	0.4539 V/m	0.4382 V/m
584	11/14/2011 12:18:49 PM	0.4695 V/m	0.4439 V/m	0.4151 V/m
585	11/14/2011 12:18:59 PM	0.4541 V/m	0.4333 V/m	0.4037 V/m
586	11/14/2011 12:19:09 PM	0.4822 V/m	0.4419 V/m	0.4091 V/m
587	11/14/2011 12:19:19 PM	0.4776 V/m	0.4462 V/m	0.4300 V/m
588	11/14/2011 12:19:29 PM	0.4649 V/m	0.4376 V/m	0.4085 V/m
589	11/14/2011 12:19:39 PM	0.4382 V/m	0.4225 V/m	0.4085 V/m
590	11/14/2011 12:19:49 PM	0.4462 V/m	0.4224 V/m	0.3983 V/m
591	11/14/2011 12:19:59 PM	0.4505 V/m	0.4271 V/m	0.4044 V/m
592	11/14/2011 12:20:09 PM	0.4619 V/m	0.4383 V/m	0.4197 V/m
593	11/14/2011 12:20:19 PM	0.4625 V/m	0.4461 V/m	0.4274 V/m
594	11/14/2011 12:20:29 PM	0.4724 V/m	0.4432 V/m	0.4223 V/m
595	11/14/2011 12:20:39 PM	0.4684 V/m	0.4456 V/m	0.4158 V/m
596	11/14/2011 12:20:49 PM	0.4535 V/m	0.4392 V/m	0.4223 V/m
597	11/14/2011 12:20:59 PM	0.4571 V/m	0.4391 V/m	0.4131 V/m
598	11/14/2011 12:21:09 PM	0.4475 V/m	0.4304 V/m	0.4111 V/m
599	11/14/2011 12:21:19 PM	0.4730 V/m	0.4502 V/m	0.4197 V/m
600	11/14/2011 12:21:29 PM	0.4654 V/m	0.4365 V/m	0.4125 V/m
601	11/14/2011 12:21:39 PM	0.4547 V/m	0.4346 V/m	0.4138 V/m
602	11/14/2011 12:21:49 PM	0.4595 V/m	0.4390 V/m	0.4125 V/m
603	11/14/2011 12:21:59 PM	0.4613 V/m	0.4329 V/m	0.4164 V/m
604	11/14/2011 12:22:09 PM	0.4438 V/m	0.4283 V/m	0.4158 V/m
605	11/14/2011 12:22:19 PM	0.4571 V/m	0.4326 V/m	0.4118 V/m
606	11/14/2011 12:22:29 PM	0.4535 V/m	0.4297 V/m	0.4010 V/m
607	11/14/2011 12:22:39 PM	0.4493 V/m	0.4288 V/m	0.4105 V/m
608	11/14/2011 12:22:49 PM	0.4589 V/m	0.4398 V/m	0.4190 V/m
609	11/14/2011 12:22:59 PM	0.4571 V/m	0.4368 V/m	0.4197 V/m
610	11/14/2011 12:23:09 PM	0.4456 V/m	0.4271 V/m	0.4105 V/m
611	11/14/2011 12:23:19 PM	0.4695 V/m	0.4427 V/m	0.4249 V/m
612	11/14/2011 12:23:29 PM	0.4517 V/m	0.4387 V/m	0.4197 V/m
613	11/14/2011 12:23:39 PM	0.4535 V/m	0.4380 V/m	0.4171 V/m
614	11/14/2011 12:23:49 PM	0.4535 V/m	0.4303 V/m	0.4085 V/m
615	11/14/2011 12:23:59 PM	0.4450 V/m	0.4183 V/m	0.4044 V/m
616	11/14/2011 12:24:09 PM	0.4799 V/m	0.4417 V/m	0.4051 V/m
617	11/14/2011 12:24:19 PM	0.4565 V/m	0.4375 V/m	0.4171 V/m
618	11/14/2011 12:24:29 PM	0.4583 V/m	0.4377 V/m	0.4223 V/m
619	11/14/2011 12:24:39 PM	0.4631 V/m	0.4388 V/m	0.4216 V/m
620	11/14/2011 12:24:49 PM	0.4462 V/m	0.4275 V/m	0.4091 V/m
621	11/14/2011 12:24:59 PM	0.4672 V/m	0.4321 V/m	0.3990 V/m
622	11/14/2011 12:25:09 PM	0.4753 V/m	0.4502 V/m	0.4242 V/m
623	11/14/2011 12:25:19 PM	0.4559 V/m	0.4290 V/m	0.4003 V/m

624	11/14/2011 12:25:29 PM	0.4654 V/m	0.4490 V/m	0.4281 V/m
625	11/14/2011 12:25:39 PM	0.4601 V/m	0.4408 V/m	0.4223 V/m
626	11/14/2011 12:25:49 PM	0.4643 V/m	0.4407 V/m	0.4171 V/m
627	11/14/2011 12:25:59 PM	0.4625 V/m	0.4422 V/m	0.4138 V/m
628	11/14/2011 12:26:09 PM	0.4684 V/m	0.4398 V/m	0.4223 V/m
629	11/14/2011 12:26:19 PM	0.4382 V/m	0.4247 V/m	0.4118 V/m
630	11/14/2011 12:26:29 PM	0.4511 V/m	0.4281 V/m	0.4031 V/m
631	11/14/2011 12:26:39 PM	0.4595 V/m	0.4308 V/m	0.4144 V/m
632	11/14/2011 12:26:49 PM	0.4619 V/m	0.4348 V/m	0.4171 V/m
633	11/14/2011 12:26:59 PM	0.4553 V/m	0.4293 V/m	0.4131 V/m
634	11/14/2011 12:27:09 PM	0.4517 V/m	0.4266 V/m	0.4037 V/m
635	11/14/2011 12:27:19 PM	0.4748 V/m	0.4407 V/m	0.4098 V/m
636	11/14/2011 12:27:29 PM	0.4583 V/m	0.4361 V/m	0.4197 V/m
637	11/14/2011 12:27:39 PM	0.4678 V/m	0.4454 V/m	0.4216 V/m
638	11/14/2011 12:27:49 PM	0.4517 V/m	0.4314 V/m	0.4131 V/m
639	11/14/2011 12:27:59 PM	0.4753 V/m	0.4363 V/m	0.4091 V/m
640	11/14/2011 12:28:09 PM	0.4660 V/m	0.4357 V/m	0.4044 V/m
641	11/14/2011 12:28:19 PM	0.4517 V/m	0.4287 V/m	0.4071 V/m
642	11/14/2011 12:28:29 PM	0.4388 V/m	0.4165 V/m	0.3983 V/m
643	11/14/2011 12:28:39 PM	0.4388 V/m	0.4237 V/m	0.4058 V/m
644	11/14/2011 12:28:49 PM	0.4535 V/m	0.4295 V/m	0.4024 V/m
645	11/14/2011 12:28:59 PM	0.4499 V/m	0.4277 V/m	0.3997 V/m
646	11/14/2011 12:29:09 PM	0.4541 V/m	0.4338 V/m	0.4164 V/m
647	11/14/2011 12:29:19 PM	0.4607 V/m	0.4360 V/m	0.4091 V/m
648	11/14/2011 12:29:29 PM	0.4637 V/m	0.4423 V/m	0.4236 V/m
649	11/14/2011 12:29:39 PM	0.4631 V/m	0.4427 V/m	0.4274 V/m
650	11/14/2011 12:29:49 PM	0.4541 V/m	0.4343 V/m	0.4064 V/m
651	11/14/2011 12:29:59 PM	0.4660 V/m	0.4329 V/m	0.4051 V/m
652	11/14/2011 12:30:09 PM	0.4523 V/m	0.4253 V/m	0.3955 V/m
653	11/14/2011 12:30:19 PM	0.4666 V/m	0.4326 V/m	0.4084 V/m
654	11/14/2011 12:30:29 PM	0.4450 V/m	0.4314 V/m	0.4138 V/m
655	11/14/2011 12:30:39 PM	0.4444 V/m	0.4239 V/m	0.4085 V/m
656	11/14/2011 12:30:49 PM	0.4450 V/m	0.4250 V/m	0.4037 V/m
657	11/14/2011 12:30:59 PM	0.4444 V/m	0.4246 V/m	0.4078 V/m
658	11/14/2011 12:31:09 PM	0.4401 V/m	0.4198 V/m	0.4024 V/m
659	11/14/2011 12:31:19 PM	0.4376 V/m	0.4192 V/m	0.3864 V/m
660	11/14/2011 12:31:29 PM	0.4529 V/m	0.4273 V/m	0.4037 V/m
661	11/14/2011 12:31:39 PM	0.4468 V/m	0.4286 V/m	0.4071 V/m
662	11/14/2011 12:31:49 PM	0.4394 V/m	0.4171 V/m	0.3927 V/m
663	11/14/2011 12:31:59 PM	0.4332 V/m	0.4156 V/m	0.4010 V/m
664	11/14/2011 12:32:09 PM	0.4505 V/m	0.4299 V/m	0.4058 V/m
665	11/14/2011 12:32:19 PM	0.4589 V/m	0.4286 V/m	0.4058 V/m
666	11/14/2011 12:32:29 PM	0.4382 V/m	0.4221 V/m	0.4051 V/m
667	11/14/2011 12:32:39 PM	0.4517 V/m	0.4266 V/m	0.4010 V/m
668	11/14/2011 12:32:49 PM	0.4724 V/m	0.4396 V/m	0.4203 V/m
669	11/14/2011 12:32:59 PM	0.4666 V/m	0.4397 V/m	0.4125 V/m
670	11/14/2011 12:33:09 PM	0.4407 V/m	0.4203 V/m	0.3948 V/m
671	11/14/2011 12:33:19 PM	0.4487 V/m	0.4200 V/m	0.3927 V/m
672	11/14/2011 12:33:29 PM	0.4344 V/m	0.4180 V/m	0.3948 V/m
673	11/14/2011 12:33:39 PM	0.4338 V/m	0.4148 V/m	0.3990 V/m
674	11/14/2011 12:33:49 PM	0.4438 V/m	0.4243 V/m	0.4105 V/m
675	11/14/2011 12:33:59 PM	0.4407 V/m	0.4190 V/m	0.3962 V/m
676	11/14/2011 12:34:09 PM	0.4394 V/m	0.4194 V/m	0.3955 V/m
677	11/14/2011 12:34:19 PM	0.4481 V/m	0.4270 V/m	0.3996 V/m
678	11/14/2011 12:34:29 PM	0.4407 V/m	0.4252 V/m	0.4071 V/m
679	11/14/2011 12:34:39 PM	0.4462 V/m	0.4298 V/m	0.4044 V/m
680	11/14/2011 12:34:49 PM	0.4810 V/m	0.4395 V/m	0.3996 V/m
681	11/14/2011 12:34:59 PM	0.4707 V/m	0.4445 V/m	0.4111 V/m
682	11/14/2011 12:35:09 PM	0.4654 V/m	0.4330 V/m	0.4071 V/m
683	11/14/2011 12:35:19 PM	0.4701 V/m	0.4497 V/m	0.4319 V/m
684	11/14/2011 12:35:29 PM	0.4736 V/m	0.4508 V/m	0.4363 V/m
685	11/14/2011 12:35:39 PM	0.4631 V/m	0.4416 V/m	0.4098 V/m
686	11/14/2011 12:35:49 PM	0.4268 V/m	0.4125 V/m	0.3997 V/m

687	11/14/2011 12:35:59 PM	0.4382 V/m	0.4137 V/m	0.3836 V/m
688	11/14/2011 12:36:09 PM	0.4499 V/m	0.4186 V/m	0.3955 V/m
689	11/14/2011 12:36:19 PM	0.4287 V/m	0.4110 V/m	0.3941 V/m
690	11/14/2011 12:36:29 PM	0.4151 V/m	0.4040 V/m	0.3885 V/m
691	11/14/2011 12:36:39 PM	0.4357 V/m	0.4154 V/m	0.3836 V/m
692	11/14/2011 12:36:49 PM	0.4350 V/m	0.4183 V/m	0.3990 V/m
693	11/14/2011 12:36:59 PM	0.4400 V/m	0.4200 V/m	0.3899 V/m
694	11/14/2011 12:37:09 PM	0.4456 V/m	0.4213 V/m	0.4044 V/m
695	11/14/2011 12:37:19 PM	0.4475 V/m	0.4280 V/m	0.4003 V/m
696	11/14/2011 12:37:29 PM	0.4529 V/m	0.4264 V/m	0.4058 V/m
697	11/14/2011 12:37:39 PM	0.4306 V/m	0.4151 V/m	0.3941 V/m
698	11/14/2011 12:37:49 PM	0.4493 V/m	0.4275 V/m	0.4071 V/m
699	11/14/2011 12:37:59 PM	0.4535 V/m	0.4322 V/m	0.4098 V/m
700	11/14/2011 12:38:09 PM	0.4475 V/m	0.4191 V/m	0.3941 V/m
701	11/14/2011 12:38:19 PM	0.4559 V/m	0.4178 V/m	0.3871 V/m
702	11/14/2011 12:38:29 PM	0.4631 V/m	0.4426 V/m	0.4091 V/m
703	11/14/2011 12:38:39 PM	0.4643 V/m	0.4442 V/m	0.4262 V/m
704	11/14/2011 12:38:49 PM	0.4547 V/m	0.4220 V/m	0.3948 V/m
705	11/14/2011 12:38:59 PM	0.4456 V/m	0.4302 V/m	0.4144 V/m
706	11/14/2011 12:39:09 PM	0.4462 V/m	0.4323 V/m	0.4085 V/m
707	11/14/2011 12:39:19 PM	0.4951 V/m	0.4617 V/m	0.4287 V/m
708	11/14/2011 12:39:29 PM	0.4810 V/m	0.4542 V/m	0.4268 V/m
709	11/14/2011 12:39:39 PM	0.4654 V/m	0.4482 V/m	0.4210 V/m
710	11/14/2011 12:39:49 PM	0.4771 V/m	0.4595 V/m	0.4351 V/m
711	11/14/2011 12:39:59 PM	0.4695 V/m	0.4539 V/m	0.4407 V/m
712	11/14/2011 12:40:09 PM	0.4793 V/m	0.4655 V/m	0.4481 V/m
713	11/14/2011 12:40:19 PM	0.4759 V/m	0.4561 V/m	0.4363 V/m
714	11/14/2011 12:40:29 PM	0.4856 V/m	0.4625 V/m	0.4394 V/m
715	11/14/2011 12:40:39 PM	0.4689 V/m	0.4457 V/m	0.4261 V/m
716	11/14/2011 12:40:49 PM	0.4742 V/m	0.4547 V/m	0.4382 V/m
717	11/14/2011 12:40:59 PM	0.4978 V/m	0.4668 V/m	0.4475 V/m
718	11/14/2011 12:41:09 PM	0.4695 V/m	0.4438 V/m	0.4229 V/m
719	11/14/2011 12:41:19 PM	0.4690 V/m	0.4443 V/m	0.4131 V/m
720	11/14/2011 12:41:29 PM	0.4619 V/m	0.4468 V/m	0.4332 V/m

Graph


Marker: 11:47:49 AM
Limit: 7.000 V/m
Max: 0.4631 V/m
Avg: 0.4424 V/m
Min: 0.4287 V/m
Zoomed
Timer Logging
Interval: 10s
10
1
E-Field [V/m]
10:41:29 AM
600s / Division
Period: 02:00:00
12:41:29 PM
11/14/2011

Parameters

Number of Sub Indices	720
Storing Date	11/14/2011
Storing Time	10:41:29 AM
Dataset Type	TIM
Voice Comment Available	NO
Dataset Fine Type	T1
GPS Flag	NORMAL
Device Product Name	NBM-550
Device Serial Number	B-0777
Device Cal Due Date	08/06/2011
Probe Product Name	EF0391
Probe Serial Number	A-0882
Probe Cal Due Date	08/03/2011
Probe Field Type	E
Probe Connection Type	A
Probe Lower Frequency Limit A	100 kHz
Probe Upper Frequency Limit A	3 GHz
Probe Lower Frequency Limit B	100 kHz
Probe Upper Frequency Limit B	3 GHz
Probe Emin A	185.0 mV/m
Probe Emax A	300.0 V/m
Probe Emin B	185.0 mV/m
Probe Emax B	300.0 V/m
Shaped Probe	NO
Standard ID	1
Standard Name	FCC 1997 Occupational
Apply Standard	OFF
Frequency	100 kHz
Apply Correction Frequency	OFF
Eref_E(f)	614.0 V/m
Eref_H(f)	614.5 V/m
Combi Probe Use	E_H
Unit	V/m
Results Format	FIXED
Auto-Zero Interval	OFF
Result Type	-
Averaging Time	-
Average Progress	-
Spatial AVG Mode	-
Store Condition	-
Storing Range	-
Cond. Stop Time	-
Upper Threshold	-
Lower Threshold	-
Timer Interval	10 sec
Timer Duration	02:00:00
History Time Scale	-
Time progress of current segment	-

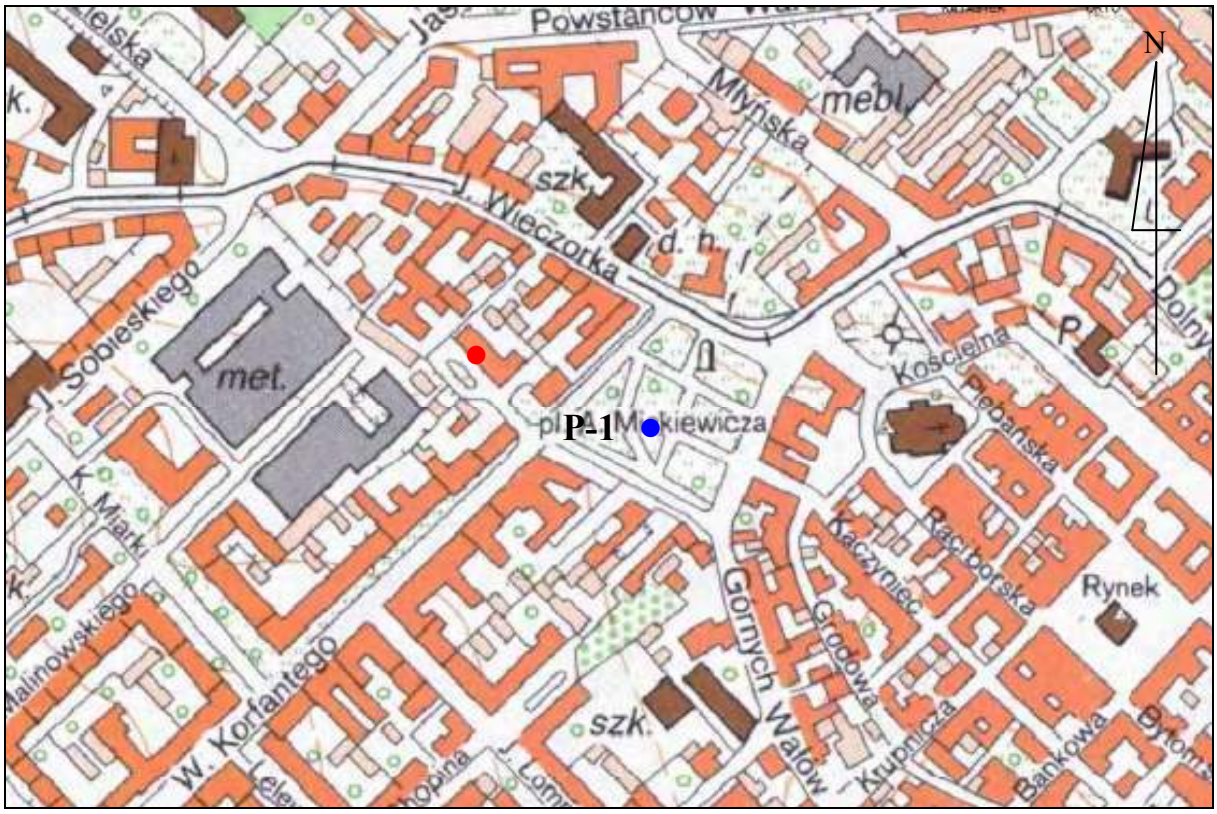
FOTOGRAFIE REJONU BADAŃ:

Fot.1. Rejon badań, widok w kierunku północno-zachodnim

Fot.2. Rejon badań, widok w kierunku zachodnim

Fot.3. Rejon badań, widok w kierunku południowo-zachodnim

Fot.4. Przyrząd pomiarowy w trakcie wykonywanego badania



GLIWICE

Oznaczenia:

- P-1 – punkt pomiarowy poziomów pól elektromagnetycznych w środowisku;
- – lokalizacja instalacji radiokomunikacyjnych w środowisku.

Ryc. Szkic sytuacyjny rejonu badań.