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**Pracownia Analiz Manualnych, Instrumentalnych, Hydrobiologicznych,**  
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**w Bielsku-Białej**

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SPRAWOZDANIE Z BADAŃ nr: 770/2011, str. 1/6

**SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL**  
**ELEKTROMAGNETYCZNYCH nr: 770/2011**

**Instalacja:** Stacja bazowa nr: : **50951 Będziny;**

**Miejsce pomiarów:** **P-1, Będzin, Małobądz;**

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

**Data oraz godzina wykonania pomiarów:** 14.10.2011, godzina 10:04-12:04;

**Pora wykonania pomiarów :** dnia.

*Niniejsze sprawozdanie, wraz z załącznikami nie może być powielane inaczej jak tylko w całości.  
Prezentowane wyniki badań odnoszą się wyłącznie do badanych obiektów.*

## 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 jednorodzinnej, położonej w dzielnicy miasta Będzin - Małobądz, 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 Będzin, w obszarze zabudowy jednorodzinnej dzielnicy Małobądz, w pobliżu skrzyżowania ulic Wspólnej i Szkolnej. Zgodnie z obowiązującym Rozporządzeniem dotyczącym metodyki pomiarów monitoringowych PEM, wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W najbliższym sąsiedztwie punktu pomiarowego P-1, w kierunkach północnym i wschodnim zagospodarowanie terenu stanowi niska zabudowa mieszkaniowa jednorodzinna oraz nieco dalej w kierunku południowym zabudowania szkolne. Najbliższy obiekt budowlany – dwukondygnacyjny jednorodzinny budynek mieszkalny, oddalony od punktu pomiarowego o około 13 m znajduje się w kierunku północno-zachodnim. W kierunku południowo-wschodnim na dachu budynku Szkoły Podstawowej Nr 1, im. Adama Mickiewicza, znajdującej się w odległości około 180 m od P-1 znajduje się instalacja radiokomunikacyjna - stacja bazowa telefonii komórkowej, w dalszej części sprawozdania zamieszczono jej specyfikację techniczną.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (NTS):

*Będzin 5.2.24.50.01.01.1*

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

*N 50° 18' 58,6"*  
*E 19° 07' 34,5";*

Wysokość lokalizacji punktu pomiarowego:

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

Odległości punktu pomiarowego od elewacji najbliższych obiektów mieszkalnych - jednorodzinnego, zlokalizowanej w pobliżu przekroju pomiarowego poziomów pól w środowisku:

*l = 13 [m] - od elewacji budynku mieszkalnego jednorodzinnego przy ul Wspólnej*

Lokalizacja punktu pomiarowego – trawnik pomiędzy jezdnią a ogrodzeniami prywatnej posesji po południowej stronie ul. Wspólnej przy budynku nr 46.

#### 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**

Pomiary poziomów pól elektromagnetycznych częstotliwości 100 kHz – 3 GHz (składowej elektrycznej) w środowisku		Pomiary warunków meteorologicznych w środowisku	
Przyrząd pomiarowy	Typ: Broadband Field Meter NBM-550 P/N: 2401/01 S/N: B-0777 Producent: Narda Safety Test Solutions GmbH, Niemcy;	Przyrząd pomiarowy	Typ: MAWS 101 Producent: Vaisala
Sonda pomiarowa	Typ: EF0391, <i>E-Field</i> 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)	Czujnik pomiaru ciśnienia	Typ: PMT16A S. no.: Y0240040
		Termohigrometr	Typ: HMP45DX S. no.: Y6430001
		Anemometr stacji meteo	Typ: MWS302 S. no.: X51224
Data i czasokres pomiarów	14-10-2011 r. 10:04:16–12:04:16	Wyniki pomiarów:	
		T [°C]	6,0 – 8,0
		RH [ % ]	65 – 72
Częstotliwość próbkowania	f: 10 sec.	UWAGI: Pochmurno; Brak opadów atmosferycznych	

Gdzie:

- T – temperatura powietrza w [°C];  
RH – wilgotność względna powietrza w [%].

Zastosowany przyrząd pomiarowy poziomów pól oraz sonda pomiarowa poziomów pól posiadają stosowne *świadcstwa 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): Świadcstwo 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): Świadcstwo Wzorcowania nr 21189/2010, z dn. 16.11.2010 r., wystawione przez LAB-EL Elektronika Laboratoryjna Sp. J.;
  - *anemometr* (Typ: MWS302, S. no.:X51224): Świadcstwo 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, RADIOŁOKACYJNYCH, RADIONAWIGACYJNYCH REJONU BADAŃ PÓL ELEKTROMAGNETYCZNYCH <sup>\*)</sup> (\* - w rozumieniu wymagań przedmiotowego Rozporządzenia)

W odległości około 180 m od punktu pomiarowego P-1, w kierunku południowo-wschodnim, znajduje się budynek szkoły przy ul. Szkolnej 3, na dachu którego zainstalowano anteny nadawczo-odbiorcze stacji bazowych telefonii komórkowej należącej do Polskiej Telefonii Cyfrowej Sp. z o.o. W tabeli 2 przedstawiono podstawową specyfikację techniczną przedmiotowej instalacji na podstawie danych uzyskanych od operatora instalacji radiokomunikacyjnej.

Tabela 2

<b>Zarządzający instalacją:</b> Polska Telefonia Cyfrowa Sp. z o.o.. Aleje Jerozolimskie 181, 02-222 Warszawa,					
<b>Nazwa instalacji wg nomenklatury użytkownika:</b> Stacja bazowa nr: <b>50951 Będziny</b>					
<b>Lokalizacja:</b> Dach budynku szkolnego przy ul. Szkolna 3					
Lp.	Azymut [°]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP <sub>max</sub> [W]
1.	40	Antena sektorowa 742 271	900 (GSM) 2100 (UMTS)	22	355 1262
2.	160	Antena sektorowa 742 271	900 (GSM) 2100 (UMTS)	23	355 1262
3.	280	Antena sektorowa 742 271	900 (GSM) 2100 (UMTS)	23	355 1262
EIRP <sub>max</sub> , łącznie ze wszystkich anten SEKTOROWYCH przedmiotowej instalacji: <b>4 851 [W]</b> .					

*Objaśnienia:*

EIRP<sub>max</sub> – 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 <sub>E 0,95</sub> [dB]
1.	P-1 ul. Wspólna Dzielnica - Małobądz Miasto – Będzin	0,37	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: 27.03.2012.**

**Pomiar wykonał: .....**

**Sprawozdanie autoryzował: .....**

**Zatwierdził: .....**

Załącznik nr 1 do Sprawozdania z badań nr 770/2011

**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, ul. Wspólna Dzielnica - Małobądz Miasto - Będzin Powiat - będziński, województwo śląskie	Latitude: 50°18'58.6" N Longitude: 19°7'34.5" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 14.10.2011 r., Będzin, 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

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### Zoomed

Timer: Start Time 10:04:16 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	10/14/2011 10:04:26 AM		0.5411 V/m	0.3680 V/m	0.2777 V/m
2	10/14/2011 10:04:36 AM		1.161 V/m	0.4548 V/m	0.2757 V/m
3	10/14/2011 10:04:46 AM		0.4731 V/m	0.3398 V/m	0.2757 V/m
4	10/14/2011 10:04:56 AM		0.3531 V/m	0.3304 V/m	0.3067 V/m
5	10/14/2011 10:05:06 AM		0.3445 V/m	0.3237 V/m	0.3111 V/m
6	10/14/2011 10:05:16 AM		0.3348 V/m	0.3142 V/m	0.2874 V/m
7	10/14/2011 10:05:26 AM		0.3547 V/m	0.3309 V/m	0.3111 V/m
8	10/14/2011 10:05:36 AM		0.3547 V/m	0.3383 V/m	0.3240 V/m
9	10/14/2011 10:05:46 AM		0.3645 V/m	0.3442 V/m	0.3232 V/m
10	10/14/2011 10:05:56 AM		0.3608 V/m	0.3421 V/m	0.3249 V/m
11	10/14/2011 10:06:06 AM		0.3562 V/m	0.3412 V/m	0.3232 V/m
12	10/14/2011 10:06:16 AM		0.3735 V/m	0.3456 V/m	0.3172 V/m
13	10/14/2011 10:06:26 AM		0.3547 V/m	0.3448 V/m	0.3307 V/m
14	10/14/2011 10:06:36 AM		0.3608 V/m	0.3479 V/m	0.3348 V/m
15	10/14/2011 10:06:46 AM		0.3757 V/m	0.3536 V/m	0.3365 V/m
16	10/14/2011 10:06:56 AM		0.3778 V/m	0.3559 V/m	0.3332 V/m
17	10/14/2011 10:07:06 AM		0.3720 V/m	0.3511 V/m	0.3266 V/m
18	10/14/2011 10:07:16 AM		0.3843 V/m	0.3548 V/m	0.3181 V/m
19	10/14/2011 10:07:26 AM		0.3778 V/m	0.3574 V/m	0.3307 V/m
20	10/14/2011 10:07:36 AM		0.3814 V/m	0.3621 V/m	0.3274 V/m
21	10/14/2011 10:07:46 AM		0.3778 V/m	0.3564 V/m	0.3340 V/m
22	10/14/2011 10:07:56 AM		0.3800 V/m	0.3469 V/m	0.3164 V/m
23	10/14/2011 10:08:06 AM		0.3778 V/m	0.3565 V/m	0.3405 V/m
24	10/14/2011 10:08:16 AM		0.3653 V/m	0.3496 V/m	0.3316 V/m
25	10/14/2011 10:08:26 AM		0.3757 V/m	0.3532 V/m	0.3307 V/m
26	10/14/2011 10:08:36 AM		0.3786 V/m	0.3547 V/m	0.3291 V/m
27	10/14/2011 10:08:46 AM		0.3764 V/m	0.3483 V/m	0.3257 V/m
28	10/14/2011 10:08:56 AM		0.3764 V/m	0.3546 V/m	0.3421 V/m
29	10/14/2011 10:09:06 AM		0.3690 V/m	0.3546 V/m	0.3373 V/m
30	10/14/2011 10:09:16 AM		0.3698 V/m	0.3511 V/m	0.3373 V/m
31	10/14/2011 10:09:26 AM		0.3683 V/m	0.3504 V/m	0.3189 V/m
32	10/14/2011 10:09:36 AM		0.3508 V/m	0.3377 V/m	0.3198 V/m
33	10/14/2011 10:09:46 AM		0.3638 V/m	0.3457 V/m	0.3146 V/m
34	10/14/2011 10:09:56 AM		0.3698 V/m	0.3527 V/m	0.3340 V/m
35	10/14/2011 10:10:06 AM		0.3690 V/m	0.3491 V/m	0.3274 V/m
36	10/14/2011 10:10:16 AM		0.3562 V/m	0.3397 V/m	0.3241 V/m
37	10/14/2011 10:10:26 AM		0.3570 V/m	0.3437 V/m	0.3332 V/m
38	10/14/2011 10:10:36 AM		0.3661 V/m	0.3517 V/m	0.3349 V/m
39	10/14/2011 10:10:46 AM		0.3843 V/m	0.3617 V/m	0.3405 V/m
40	10/14/2011 10:10:56 AM		0.3914 V/m	0.3627 V/m	0.3469 V/m
41	10/14/2011 10:11:06 AM		0.3720 V/m	0.3484 V/m	0.3340 V/m
42	10/14/2011 10:11:16 AM		0.3864 V/m	0.3504 V/m	0.3299 V/m
43	10/14/2011 10:11:26 AM		0.3676 V/m	0.3482 V/m	0.3266 V/m
44	10/14/2011 10:11:36 AM		0.3742 V/m	0.3425 V/m	0.3198 V/m
45	10/14/2011 10:11:46 AM		0.3593 V/m	0.3459 V/m	0.3266 V/m
46	10/14/2011 10:11:56 AM		0.3562 V/m	0.3382 V/m	0.3172 V/m
47	10/14/2011 10:12:06 AM		0.3562 V/m	0.3317 V/m	0.3049 V/m
48	10/14/2011 10:12:16 AM		0.3661 V/m	0.3462 V/m	0.3189 V/m
49	10/14/2011 10:12:26 AM		0.3653 V/m	0.3493 V/m	0.3207 V/m
50	10/14/2011 10:12:36 AM		0.3547 V/m	0.3359 V/m	0.3138 V/m
51	10/14/2011 10:12:46 AM		0.3600 V/m	0.3381 V/m	0.3181 V/m
52	10/14/2011 10:12:56 AM		0.3698 V/m	0.3452 V/m	0.3181 V/m
53	10/14/2011 10:13:06 AM		0.3623 V/m	0.3412 V/m	0.3240 V/m
54	10/14/2011 10:13:16 AM		0.3437 V/m	0.3294 V/m	0.3058 V/m
55	10/14/2011 10:13:26 AM		0.3555 V/m	0.3366 V/m	0.3181 V/m
56	10/14/2011 10:13:36 AM		0.3577 V/m	0.3412 V/m	0.3189 V/m



57	10/14/2011 10:13:46 AM	0.3577 V/m	0.3400 V/m	0.3215 V/m
58	10/14/2011 10:13:56 AM	0.3500 V/m	0.3354 V/m	0.3198 V/m
59	10/14/2011 10:14:06 AM	0.3524 V/m	0.3404 V/m	0.3257 V/m
60	10/14/2011 10:14:16 AM	0.3616 V/m	0.3441 V/m	0.3224 V/m
61	10/14/2011 10:14:26 AM	0.3577 V/m	0.3448 V/m	0.3316 V/m
62	10/14/2011 10:14:36 AM	0.3631 V/m	0.3437 V/m	0.3291 V/m
63	10/14/2011 10:14:46 AM	0.3500 V/m	0.3361 V/m	0.3164 V/m
64	10/14/2011 10:14:56 AM	0.3570 V/m	0.3344 V/m	0.3172 V/m
65	10/14/2011 10:15:06 AM	0.3516 V/m	0.3325 V/m	0.3189 V/m
66	10/14/2011 10:15:16 AM	0.3381 V/m	0.3215 V/m	0.3058 V/m
67	10/14/2011 10:15:26 AM	0.3469 V/m	0.3271 V/m	0.3058 V/m
68	10/14/2011 10:15:36 AM	0.3646 V/m	0.3426 V/m	0.3232 V/m
69	10/14/2011 10:15:46 AM	0.3646 V/m	0.3494 V/m	0.3324 V/m
70	10/14/2011 10:15:56 AM	0.3555 V/m	0.3421 V/m	0.3224 V/m
71	10/14/2011 10:16:06 AM	0.3562 V/m	0.3386 V/m	0.3232 V/m
72	10/14/2011 10:16:16 AM	0.3554 V/m	0.3397 V/m	0.3241 V/m
73	10/14/2011 10:16:26 AM	0.3585 V/m	0.3414 V/m	0.3232 V/m
74	10/14/2011 10:16:36 AM	0.3524 V/m	0.3380 V/m	0.3215 V/m
75	10/14/2011 10:16:46 AM	0.3668 V/m	0.3468 V/m	0.3316 V/m
76	10/14/2011 10:16:56 AM	0.3857 V/m	0.3520 V/m	0.3206 V/m
77	10/14/2011 10:17:06 AM	0.3676 V/m	0.3401 V/m	0.3138 V/m
78	10/14/2011 10:17:16 AM	0.3668 V/m	0.3472 V/m	0.3357 V/m
79	10/14/2011 10:17:26 AM	0.3653 V/m	0.3415 V/m	0.3266 V/m
80	10/14/2011 10:17:36 AM	0.3585 V/m	0.3397 V/m	0.3224 V/m
81	10/14/2011 10:17:46 AM	0.3500 V/m	0.3416 V/m	0.3274 V/m
82	10/14/2011 10:17:56 AM	0.3616 V/m	0.3460 V/m	0.3307 V/m
83	10/14/2011 10:18:06 AM	0.3727 V/m	0.3552 V/m	0.3389 V/m
84	10/14/2011 10:18:16 AM	0.3829 V/m	0.3536 V/m	0.3373 V/m
85	10/14/2011 10:18:26 AM	0.3878 V/m	0.3626 V/m	0.3340 V/m
86	10/14/2011 10:18:36 AM	0.3668 V/m	0.3503 V/m	0.3274 V/m
87	10/14/2011 10:18:46 AM	0.3676 V/m	0.3475 V/m	0.3189 V/m
88	10/14/2011 10:18:56 AM	0.3757 V/m	0.3563 V/m	0.3324 V/m
89	10/14/2011 10:19:06 AM	0.3742 V/m	0.3618 V/m	0.3413 V/m
90	10/14/2011 10:19:16 AM	0.3764 V/m	0.3591 V/m	0.3405 V/m
91	10/14/2011 10:19:26 AM	0.3757 V/m	0.3583 V/m	0.3349 V/m
92	10/14/2011 10:19:36 AM	0.3921 V/m	0.3657 V/m	0.3340 V/m
93	10/14/2011 10:19:46 AM	0.3800 V/m	0.3598 V/m	0.3316 V/m
94	10/14/2011 10:19:56 AM	0.3727 V/m	0.3512 V/m	0.3164 V/m
95	10/14/2011 10:20:06 AM	0.3668 V/m	0.3504 V/m	0.3381 V/m
96	10/14/2011 10:20:16 AM	0.3616 V/m	0.3453 V/m	0.3274 V/m
97	10/14/2011 10:20:26 AM	0.3720 V/m	0.3531 V/m	0.3224 V/m
98	10/14/2011 10:20:36 AM	0.3727 V/m	0.3573 V/m	0.3389 V/m
99	10/14/2011 10:20:46 AM	0.3713 V/m	0.3529 V/m	0.3381 V/m
100	10/14/2011 10:20:56 AM	0.3713 V/m	0.3568 V/m	0.3421 V/m
101	10/14/2011 10:21:06 AM	0.3814 V/m	0.3647 V/m	0.3453 V/m
102	10/14/2011 10:21:16 AM	0.3749 V/m	0.3605 V/m	0.3421 V/m
103	10/14/2011 10:21:26 AM	0.3713 V/m	0.3609 V/m	0.3500 V/m
104	10/14/2011 10:21:36 AM	0.3807 V/m	0.3603 V/m	0.3413 V/m
105	10/14/2011 10:21:46 AM	0.3893 V/m	0.3709 V/m	0.3485 V/m
106	10/14/2011 10:21:56 AM	0.3948 V/m	0.3766 V/m	0.3623 V/m
107	10/14/2011 10:22:06 AM	0.3879 V/m	0.3748 V/m	0.3562 V/m
108	10/14/2011 10:22:16 AM	0.3900 V/m	0.3755 V/m	0.3638 V/m
109	10/14/2011 10:22:26 AM	0.3969 V/m	0.3840 V/m	0.3713 V/m
110	10/14/2011 10:22:36 AM	0.3921 V/m	0.3763 V/m	0.3562 V/m
111	10/14/2011 10:22:46 AM	0.4051 V/m	0.3838 V/m	0.3631 V/m
112	10/14/2011 10:22:56 AM	0.4051 V/m	0.3844 V/m	0.3608 V/m
113	10/14/2011 10:23:06 AM	0.3864 V/m	0.3750 V/m	0.3600 V/m
114	10/14/2011 10:23:16 AM	0.3864 V/m	0.3716 V/m	0.3593 V/m
115	10/14/2011 10:23:26 AM	0.4031 V/m	0.3832 V/m	0.3653 V/m
116	10/14/2011 10:23:36 AM	0.4105 V/m	0.3874 V/m	0.3616 V/m
117	10/14/2011 10:23:46 AM	0.3997 V/m	0.3817 V/m	0.3570 V/m
118	10/14/2011 10:23:56 AM	0.4071 V/m	0.3894 V/m	0.3683 V/m
119	10/14/2011 10:24:06 AM	0.4177 V/m	0.3899 V/m	0.3691 V/m

120	10/14/2011 10:24:16 AM	0.4098 V/m	0.3871 V/m	0.3578 V/m
121	10/14/2011 10:24:26 AM	0.4158 V/m	0.3949 V/m	0.3735 V/m
122	10/14/2011 10:24:36 AM	0.4078 V/m	0.3915 V/m	0.3778 V/m
123	10/14/2011 10:24:46 AM	0.3955 V/m	0.3834 V/m	0.3690 V/m
124	10/14/2011 10:24:56 AM	0.4017 V/m	0.3841 V/m	0.3705 V/m
125	10/14/2011 10:25:06 AM	0.4071 V/m	0.3932 V/m	0.3749 V/m
126	10/14/2011 10:25:16 AM	0.4197 V/m	0.4012 V/m	0.3793 V/m
127	10/14/2011 10:25:26 AM	0.4210 V/m	0.4071 V/m	0.3941 V/m
128	10/14/2011 10:25:36 AM	0.4229 V/m	0.4100 V/m	0.3921 V/m
129	10/14/2011 10:25:46 AM	0.4184 V/m	0.4059 V/m	0.3928 V/m
130	10/14/2011 10:25:56 AM	0.4338 V/m	0.4117 V/m	0.3948 V/m
131	10/14/2011 10:26:06 AM	0.4338 V/m	0.4161 V/m	0.3969 V/m
132	10/14/2011 10:26:16 AM	0.4281 V/m	0.4069 V/m	0.3786 V/m
133	10/14/2011 10:26:26 AM	0.4590 V/m	0.4066 V/m	0.3727 V/m
134	10/14/2011 10:26:36 AM	0.4326 V/m	0.4032 V/m	0.3713 V/m
135	10/14/2011 10:26:46 AM	0.4204 V/m	0.4089 V/m	0.3997 V/m
136	10/14/2011 10:26:56 AM	0.4326 V/m	0.3985 V/m	0.3786 V/m
137	10/14/2011 10:27:06 AM	0.4300 V/m	0.4076 V/m	0.3778 V/m
138	10/14/2011 10:27:16 AM	0.4287 V/m	0.3977 V/m	0.3764 V/m
139	10/14/2011 10:27:26 AM	0.4607 V/m	0.4054 V/m	0.3690 V/m
140	10/14/2011 10:27:36 AM	0.4190 V/m	0.3973 V/m	0.3829 V/m
141	10/14/2011 10:27:46 AM	0.4164 V/m	0.3863 V/m	0.3240 V/m
142	10/14/2011 10:27:56 AM	0.4426 V/m	0.4068 V/m	0.3492 V/m
143	10/14/2011 10:28:06 AM	0.4275 V/m	0.3951 V/m	0.3705 V/m
144	10/14/2011 10:28:16 AM	0.4388 V/m	0.4029 V/m	0.3539 V/m
145	10/14/2011 10:28:26 AM	0.4990 V/m	0.4047 V/m	0.3215 V/m
146	10/14/2011 10:28:36 AM	0.4164 V/m	0.4011 V/m	0.3864 V/m
147	10/14/2011 10:28:46 AM	0.4268 V/m	0.4057 V/m	0.3676 V/m
148	10/14/2011 10:28:56 AM	0.4144 V/m	0.3922 V/m	0.3727 V/m
149	10/14/2011 10:29:06 AM	0.4144 V/m	0.3921 V/m	0.3690 V/m
150	10/14/2011 10:29:16 AM	0.4105 V/m	0.3928 V/m	0.3742 V/m
151	10/14/2011 10:29:26 AM	0.4058 V/m	0.3922 V/m	0.3800 V/m
152	10/14/2011 10:29:36 AM	0.4184 V/m	0.4057 V/m	0.3907 V/m
153	10/14/2011 10:29:46 AM	0.4171 V/m	0.4034 V/m	0.3878 V/m
154	10/14/2011 10:29:56 AM	0.4204 V/m	0.4039 V/m	0.3864 V/m
155	10/14/2011 10:30:06 AM	0.4184 V/m	0.4049 V/m	0.3921 V/m
156	10/14/2011 10:30:16 AM	0.4223 V/m	0.4024 V/m	0.3850 V/m
157	10/14/2011 10:30:26 AM	0.4184 V/m	0.4029 V/m	0.3914 V/m
158	10/14/2011 10:30:36 AM	0.4210 V/m	0.4056 V/m	0.3871 V/m
159	10/14/2011 10:30:46 AM	0.4151 V/m	0.4012 V/m	0.3900 V/m
160	10/14/2011 10:30:56 AM	0.4131 V/m	0.3944 V/m	0.3764 V/m
161	10/14/2011 10:31:06 AM	0.4037 V/m	0.3940 V/m	0.3793 V/m
162	10/14/2011 10:31:16 AM	0.4118 V/m	0.3941 V/m	0.3771 V/m
163	10/14/2011 10:31:26 AM	0.4091 V/m	0.3935 V/m	0.3742 V/m
164	10/14/2011 10:31:36 AM	0.4091 V/m	0.3919 V/m	0.3608 V/m
165	10/14/2011 10:31:46 AM	0.4125 V/m	0.3913 V/m	0.3539 V/m
166	10/14/2011 10:31:56 AM	0.4098 V/m	0.3909 V/m	0.3668 V/m
167	10/14/2011 10:32:06 AM	0.3948 V/m	0.3720 V/m	0.3508 V/m
168	10/14/2011 10:32:16 AM	0.3829 V/m	0.3638 V/m	0.3485 V/m
169	10/14/2011 10:32:26 AM	0.3934 V/m	0.3763 V/m	0.3570 V/m
170	10/14/2011 10:32:36 AM	0.3969 V/m	0.3813 V/m	0.3555 V/m
171	10/14/2011 10:32:46 AM	0.4111 V/m	0.3861 V/m	0.3749 V/m
172	10/14/2011 10:32:56 AM	0.4223 V/m	0.3927 V/m	0.3661 V/m
173	10/14/2011 10:33:06 AM	0.4742 V/m	0.3848 V/m	0.3413 V/m
174	10/14/2011 10:33:16 AM	0.4037 V/m	0.3877 V/m	0.3742 V/m
175	10/14/2011 10:33:26 AM	0.4003 V/m	0.3526 V/m	0.2757 V/m
176	10/14/2011 10:33:36 AM	0.3608 V/m	0.3310 V/m	0.3004 V/m
177	10/14/2011 10:33:46 AM	0.3578 V/m	0.3446 V/m	0.3291 V/m
178	10/14/2011 10:33:56 AM	0.3616 V/m	0.3487 V/m	0.3332 V/m
179	10/14/2011 10:34:06 AM	0.3524 V/m	0.3374 V/m	0.3232 V/m
180	10/14/2011 10:34:16 AM	0.3646 V/m	0.3454 V/m	0.3249 V/m
181	10/14/2011 10:34:26 AM	0.3727 V/m	0.3498 V/m	0.3249 V/m
182	10/14/2011 10:34:36 AM	0.3524 V/m	0.3397 V/m	0.3241 V/m

183	10/14/2011 10:34:46 AM	0.3757 V/m	0.3512 V/m	0.3282 V/m
184	10/14/2011 10:34:56 AM	0.3735 V/m	0.3571 V/m	0.3437 V/m
185	10/14/2011 10:35:06 AM	0.3631 V/m	0.3484 V/m	0.3324 V/m
186	10/14/2011 10:35:16 AM	0.3500 V/m	0.3340 V/m	0.3172 V/m
187	10/14/2011 10:35:26 AM	0.3492 V/m	0.3358 V/m	0.3257 V/m
188	10/14/2011 10:35:36 AM	0.3508 V/m	0.3373 V/m	0.3207 V/m
189	10/14/2011 10:35:46 AM	0.3608 V/m	0.3472 V/m	0.3307 V/m
190	10/14/2011 10:35:56 AM	0.3871 V/m	0.3460 V/m	0.3291 V/m
191	10/14/2011 10:36:06 AM	0.4118 V/m	0.3697 V/m	0.3357 V/m
192	10/14/2011 10:36:16 AM	0.3593 V/m	0.3470 V/m	0.3232 V/m
193	10/14/2011 10:36:26 AM	0.3683 V/m	0.3539 V/m	0.3405 V/m
194	10/14/2011 10:36:36 AM	0.3668 V/m	0.3524 V/m	0.3373 V/m
195	10/14/2011 10:36:46 AM	0.3653 V/m	0.3517 V/m	0.3365 V/m
196	10/14/2011 10:36:56 AM	0.3616 V/m	0.3466 V/m	0.3365 V/m
197	10/14/2011 10:37:06 AM	0.3683 V/m	0.3514 V/m	0.3357 V/m
198	10/14/2011 10:37:16 AM	0.3653 V/m	0.3514 V/m	0.3357 V/m
199	10/14/2011 10:37:26 AM	0.3539 V/m	0.3446 V/m	0.3324 V/m
200	10/14/2011 10:37:36 AM	0.3786 V/m	0.3562 V/m	0.3405 V/m
201	10/14/2011 10:37:46 AM	0.3720 V/m	0.3499 V/m	0.3357 V/m
202	10/14/2011 10:37:56 AM	0.3698 V/m	0.3528 V/m	0.3381 V/m
203	10/14/2011 10:38:06 AM	0.3570 V/m	0.3452 V/m	0.3316 V/m
204	10/14/2011 10:38:16 AM	0.3616 V/m	0.3475 V/m	0.3332 V/m
205	10/14/2011 10:38:26 AM	0.3757 V/m	0.3521 V/m	0.3381 V/m
206	10/14/2011 10:38:36 AM	0.3705 V/m	0.3538 V/m	0.3365 V/m
207	10/14/2011 10:38:46 AM	0.3676 V/m	0.3524 V/m	0.3348 V/m
208	10/14/2011 10:38:56 AM	0.3646 V/m	0.3489 V/m	0.3340 V/m
209	10/14/2011 10:39:06 AM	0.3698 V/m	0.3563 V/m	0.3373 V/m
210	10/14/2011 10:39:16 AM	0.3735 V/m	0.3494 V/m	0.3299 V/m
211	10/14/2011 10:39:26 AM	0.3539 V/m	0.3401 V/m	0.3282 V/m
212	10/14/2011 10:39:36 AM	0.3608 V/m	0.3477 V/m	0.3316 V/m
213	10/14/2011 10:39:46 AM	0.3508 V/m	0.3402 V/m	0.3249 V/m
214	10/14/2011 10:39:56 AM	0.3608 V/m	0.3456 V/m	0.3340 V/m
215	10/14/2011 10:40:06 AM	0.3646 V/m	0.3529 V/m	0.3413 V/m
216	10/14/2011 10:40:16 AM	0.3492 V/m	0.3374 V/m	0.3249 V/m
217	10/14/2011 10:40:26 AM	0.3516 V/m	0.3355 V/m	0.3215 V/m
218	10/14/2011 10:40:36 AM	0.3508 V/m	0.3387 V/m	0.3249 V/m
219	10/14/2011 10:40:46 AM	0.3600 V/m	0.3428 V/m	0.3299 V/m
220	10/14/2011 10:40:56 AM	0.3638 V/m	0.3449 V/m	0.3291 V/m
221	10/14/2011 10:41:06 AM	0.3631 V/m	0.3477 V/m	0.3224 V/m
222	10/14/2011 10:41:16 AM	0.3735 V/m	0.3549 V/m	0.3389 V/m
223	10/14/2011 10:41:26 AM	0.3668 V/m	0.3549 V/m	0.3429 V/m
224	10/14/2011 10:41:36 AM	0.3668 V/m	0.3553 V/m	0.3413 V/m
225	10/14/2011 10:41:46 AM	0.3668 V/m	0.3529 V/m	0.3381 V/m
226	10/14/2011 10:41:56 AM	0.3616 V/m	0.3495 V/m	0.3340 V/m
227	10/14/2011 10:42:06 AM	0.3593 V/m	0.3492 V/m	0.3349 V/m
228	10/14/2011 10:42:16 AM	0.3646 V/m	0.3497 V/m	0.3357 V/m
229	10/14/2011 10:42:26 AM	0.3562 V/m	0.3431 V/m	0.3224 V/m
230	10/14/2011 10:42:36 AM	0.3585 V/m	0.3445 V/m	0.3241 V/m
231	10/14/2011 10:42:46 AM	0.3727 V/m	0.3523 V/m	0.3332 V/m
232	10/14/2011 10:42:56 AM	0.3631 V/m	0.3456 V/m	0.3340 V/m
233	10/14/2011 10:43:06 AM	0.3623 V/m	0.3467 V/m	0.3340 V/m
234	10/14/2011 10:43:16 AM	0.3713 V/m	0.3498 V/m	0.3332 V/m
235	10/14/2011 10:43:26 AM	0.3638 V/m	0.3433 V/m	0.3282 V/m
236	10/14/2011 10:43:36 AM	0.3600 V/m	0.3395 V/m	0.3215 V/m
237	10/14/2011 10:43:46 AM	0.3661 V/m	0.3484 V/m	0.3307 V/m
238	10/14/2011 10:43:56 AM	0.3593 V/m	0.3483 V/m	0.3357 V/m
239	10/14/2011 10:44:06 AM	0.3631 V/m	0.3446 V/m	0.3291 V/m
240	10/14/2011 10:44:16 AM	0.3600 V/m	0.3438 V/m	0.3291 V/m
241	10/14/2011 10:44:26 AM	0.3555 V/m	0.3404 V/m	0.3249 V/m
242	10/14/2011 10:44:36 AM	0.3616 V/m	0.3442 V/m	0.3257 V/m
243	10/14/2011 10:44:46 AM	0.3585 V/m	0.3456 V/m	0.3324 V/m
244	10/14/2011 10:44:56 AM	0.3608 V/m	0.3451 V/m	0.3307 V/m
245	10/14/2011 10:45:06 AM	0.3593 V/m	0.3428 V/m	0.3224 V/m

246	10/14/2011 10:45:16 AM	0.3508 V/m	0.3380 V/m	0.3249 V/m
247	10/14/2011 10:45:26 AM	0.3646 V/m	0.3419 V/m	0.3224 V/m
248	10/14/2011 10:45:36 AM	0.3623 V/m	0.3474 V/m	0.3340 V/m
249	10/14/2011 10:45:46 AM	0.3570 V/m	0.3430 V/m	0.3257 V/m
250	10/14/2011 10:45:56 AM	0.3508 V/m	0.3390 V/m	0.3198 V/m
251	10/14/2011 10:46:06 AM	0.3562 V/m	0.3455 V/m	0.3324 V/m
252	10/14/2011 10:46:16 AM	0.3676 V/m	0.3461 V/m	0.3291 V/m
253	10/14/2011 10:46:26 AM	0.3653 V/m	0.3464 V/m	0.3198 V/m
254	10/14/2011 10:46:36 AM	0.4469 V/m	0.3723 V/m	0.3357 V/m
255	10/14/2011 10:46:46 AM	0.3608 V/m	0.3472 V/m	0.3332 V/m
256	10/14/2011 10:46:56 AM	0.3616 V/m	0.3450 V/m	0.3357 V/m
257	10/14/2011 10:47:06 AM	0.3608 V/m	0.3475 V/m	0.3340 V/m
258	10/14/2011 10:47:16 AM	0.3616 V/m	0.3418 V/m	0.3249 V/m
259	10/14/2011 10:47:26 AM	0.3631 V/m	0.3511 V/m	0.3389 V/m
260	10/14/2011 10:47:36 AM	0.3555 V/m	0.3445 V/m	0.3215 V/m
261	10/14/2011 10:47:46 AM	0.3547 V/m	0.3438 V/m	0.3291 V/m
262	10/14/2011 10:47:56 AM	0.3742 V/m	0.3469 V/m	0.3257 V/m
263	10/14/2011 10:48:06 AM	0.3547 V/m	0.3409 V/m	0.3282 V/m
264	10/14/2011 10:48:16 AM	0.3864 V/m	0.3517 V/m	0.3241 V/m
265	10/14/2011 10:48:26 AM	0.3683 V/m	0.3503 V/m	0.3324 V/m
266	10/14/2011 10:48:36 AM	0.3705 V/m	0.3530 V/m	0.3397 V/m
267	10/14/2011 10:48:46 AM	0.3727 V/m	0.3543 V/m	0.3291 V/m
268	10/14/2011 10:48:56 AM	0.3771 V/m	0.3591 V/m	0.3429 V/m
269	10/14/2011 10:49:06 AM	0.3705 V/m	0.3573 V/m	0.3397 V/m
270	10/14/2011 10:49:16 AM	0.3631 V/m	0.3451 V/m	0.3249 V/m
271	10/14/2011 10:49:26 AM	0.3578 V/m	0.3433 V/m	0.3266 V/m
272	10/14/2011 10:49:36 AM	0.3600 V/m	0.3411 V/m	0.3299 V/m
273	10/14/2011 10:49:46 AM	0.3668 V/m	0.3512 V/m	0.3340 V/m
274	10/14/2011 10:49:56 AM	0.3661 V/m	0.3513 V/m	0.3373 V/m
275	10/14/2011 10:50:06 AM	0.3899 V/m	0.3621 V/m	0.3437 V/m
276	10/14/2011 10:50:16 AM	0.3742 V/m	0.3615 V/m	0.3516 V/m
277	10/14/2011 10:50:26 AM	0.3735 V/m	0.3613 V/m	0.3397 V/m
278	10/14/2011 10:50:36 AM	0.3778 V/m	0.3593 V/m	0.3348 V/m
279	10/14/2011 10:50:46 AM	0.3735 V/m	0.3598 V/m	0.3405 V/m
280	10/14/2011 10:50:56 AM	0.3793 V/m	0.3595 V/m	0.3421 V/m
281	10/14/2011 10:51:06 AM	0.3735 V/m	0.3598 V/m	0.3477 V/m
282	10/14/2011 10:51:16 AM	0.3742 V/m	0.3578 V/m	0.3453 V/m
283	10/14/2011 10:51:26 AM	0.3742 V/m	0.3593 V/m	0.3437 V/m
284	10/14/2011 10:51:36 AM	0.3771 V/m	0.3608 V/m	0.3492 V/m
285	10/14/2011 10:51:46 AM	0.3661 V/m	0.3522 V/m	0.3365 V/m
286	10/14/2011 10:51:56 AM	0.3857 V/m	0.3515 V/m	0.3307 V/m
287	10/14/2011 10:52:06 AM	0.3800 V/m	0.3635 V/m	0.3389 V/m
288	10/14/2011 10:52:16 AM	0.3864 V/m	0.3653 V/m	0.3485 V/m
289	10/14/2011 10:52:26 AM	0.3871 V/m	0.3721 V/m	0.3508 V/m
290	10/14/2011 10:52:36 AM	0.3757 V/m	0.3658 V/m	0.3555 V/m
291	10/14/2011 10:52:46 AM	0.3793 V/m	0.3641 V/m	0.3405 V/m
292	10/14/2011 10:52:56 AM	0.3928 V/m	0.3649 V/m	0.3421 V/m
293	10/14/2011 10:53:06 AM	0.3990 V/m	0.3687 V/m	0.3485 V/m
294	10/14/2011 10:53:16 AM	0.3786 V/m	0.3617 V/m	0.3469 V/m
295	10/14/2011 10:53:26 AM	0.3786 V/m	0.3600 V/m	0.3477 V/m
296	10/14/2011 10:53:36 AM	0.3764 V/m	0.3586 V/m	0.3405 V/m
297	10/14/2011 10:53:46 AM	0.3749 V/m	0.3597 V/m	0.3397 V/m
298	10/14/2011 10:53:56 AM	0.3757 V/m	0.3656 V/m	0.3524 V/m
299	10/14/2011 10:54:06 AM	0.3676 V/m	0.3563 V/m	0.3421 V/m
300	10/14/2011 10:54:16 AM	0.3727 V/m	0.3602 V/m	0.3469 V/m
301	10/14/2011 10:54:26 AM	0.3742 V/m	0.3604 V/m	0.3485 V/m
302	10/14/2011 10:54:36 AM	0.3646 V/m	0.3536 V/m	0.3429 V/m
303	10/14/2011 10:54:46 AM	0.3742 V/m	0.3606 V/m	0.3477 V/m
304	10/14/2011 10:54:56 AM	0.3713 V/m	0.3539 V/m	0.3413 V/m
305	10/14/2011 10:55:06 AM	0.3676 V/m	0.3549 V/m	0.3316 V/m
306	10/14/2011 10:55:16 AM	0.3638 V/m	0.3534 V/m	0.3405 V/m
307	10/14/2011 10:55:26 AM	0.3705 V/m	0.3568 V/m	0.3405 V/m
308	10/14/2011 10:55:36 AM	0.3757 V/m	0.3574 V/m	0.3413 V/m

309	10/14/2011 10:55:46 AM	0.3720 V/m	0.3572 V/m	0.3381 V/m
310	10/14/2011 10:55:56 AM	0.3727 V/m	0.3602 V/m	0.3437 V/m
311	10/14/2011 10:56:06 AM	0.3742 V/m	0.3621 V/m	0.3445 V/m
312	10/14/2011 10:56:16 AM	0.3727 V/m	0.3557 V/m	0.3421 V/m
313	10/14/2011 10:56:26 AM	0.3742 V/m	0.3567 V/m	0.3421 V/m
314	10/14/2011 10:56:36 AM	0.4816 V/m	0.3898 V/m	0.3445 V/m
315	10/14/2011 10:56:46 AM	0.3764 V/m	0.3583 V/m	0.3340 V/m
316	10/14/2011 10:56:56 AM	0.3764 V/m	0.3583 V/m	0.3413 V/m
317	10/14/2011 10:57:06 AM	0.3764 V/m	0.3664 V/m	0.3531 V/m
318	10/14/2011 10:57:16 AM	0.3807 V/m	0.3667 V/m	0.3469 V/m
319	10/14/2011 10:57:26 AM	0.3822 V/m	0.3659 V/m	0.3485 V/m
320	10/14/2011 10:57:36 AM	0.3807 V/m	0.3625 V/m	0.3453 V/m
321	10/14/2011 10:57:46 AM	0.3727 V/m	0.3632 V/m	0.3389 V/m
322	10/14/2011 10:57:56 AM	0.3749 V/m	0.3543 V/m	0.3405 V/m
323	10/14/2011 10:58:06 AM	0.3600 V/m	0.3515 V/m	0.3357 V/m
324	10/14/2011 10:58:16 AM	0.3631 V/m	0.3481 V/m	0.3357 V/m
325	10/14/2011 10:58:26 AM	0.3698 V/m	0.3531 V/m	0.3348 V/m
326	10/14/2011 10:58:36 AM	0.3570 V/m	0.3454 V/m	0.3332 V/m
327	10/14/2011 10:58:46 AM	0.3631 V/m	0.3499 V/m	0.3340 V/m
328	10/14/2011 10:58:56 AM	0.3705 V/m	0.3532 V/m	0.3373 V/m
329	10/14/2011 10:59:06 AM	0.3713 V/m	0.3529 V/m	0.3389 V/m
330	10/14/2011 10:59:16 AM	0.3676 V/m	0.3519 V/m	0.3348 V/m
331	10/14/2011 10:59:26 AM	0.3705 V/m	0.3523 V/m	0.3365 V/m
332	10/14/2011 10:59:36 AM	0.3771 V/m	0.3551 V/m	0.3357 V/m
333	10/14/2011 10:59:46 AM	0.3698 V/m	0.3550 V/m	0.3381 V/m
334	10/14/2011 10:59:56 AM	0.3608 V/m	0.3472 V/m	0.3357 V/m
335	10/14/2011 11:00:06 AM	0.3705 V/m	0.3516 V/m	0.3282 V/m
336	10/14/2011 11:00:16 AM	0.3764 V/m	0.3515 V/m	0.3215 V/m
337	10/14/2011 11:00:26 AM	0.3646 V/m	0.3494 V/m	0.3138 V/m
338	10/14/2011 11:00:36 AM	0.4177 V/m	0.3689 V/m	0.3181 V/m
339	10/14/2011 11:00:46 AM	0.4138 V/m	0.3966 V/m	0.3864 V/m
340	10/14/2011 11:00:56 AM	0.5147 V/m	0.3977 V/m	0.3757 V/m
341	10/14/2011 11:01:06 AM	0.4144 V/m	0.3891 V/m	0.2930 V/m
342	10/14/2011 11:01:16 AM	0.4164 V/m	0.3927 V/m	0.3793 V/m
343	10/14/2011 11:01:26 AM	0.4091 V/m	0.3950 V/m	0.3778 V/m
344	10/14/2011 11:01:36 AM	0.4164 V/m	0.4026 V/m	0.3850 V/m
345	10/14/2011 11:01:46 AM	0.4091 V/m	0.3969 V/m	0.3843 V/m
346	10/14/2011 11:01:56 AM	0.4111 V/m	0.3965 V/m	0.3836 V/m
347	10/14/2011 11:02:06 AM	0.4031 V/m	0.3925 V/m	0.3814 V/m
348	10/14/2011 11:02:16 AM	0.4071 V/m	0.3934 V/m	0.3742 V/m
349	10/14/2011 11:02:26 AM	0.4044 V/m	0.3921 V/m	0.3793 V/m
350	10/14/2011 11:02:36 AM	0.4058 V/m	0.3913 V/m	0.3778 V/m
351	10/14/2011 11:02:46 AM	0.4125 V/m	0.3939 V/m	0.3850 V/m
352	10/14/2011 11:02:56 AM	0.4065 V/m	0.3973 V/m	0.3857 V/m
353	10/14/2011 11:03:06 AM	0.4151 V/m	0.3923 V/m	0.3661 V/m
354	10/14/2011 11:03:16 AM	0.4242 V/m	0.4009 V/m	0.3836 V/m
355	10/14/2011 11:03:26 AM	0.4098 V/m	0.3961 V/m	0.3829 V/m
356	10/14/2011 11:03:36 AM	0.4010 V/m	0.3916 V/m	0.3829 V/m
357	10/14/2011 11:03:46 AM	0.4031 V/m	0.3927 V/m	0.3814 V/m
358	10/14/2011 11:03:56 AM	0.4003 V/m	0.3861 V/m	0.3690 V/m
359	10/14/2011 11:04:06 AM	0.3969 V/m	0.3881 V/m	0.3778 V/m
360	10/14/2011 11:04:16 AM	0.4010 V/m	0.3856 V/m	0.3727 V/m
361	10/14/2011 11:04:26 AM	0.3969 V/m	0.3863 V/m	0.3742 V/m
362	10/14/2011 11:04:36 AM	0.4037 V/m	0.3871 V/m	0.3698 V/m
363	10/14/2011 11:04:46 AM	0.4010 V/m	0.3877 V/m	0.3749 V/m
364	10/14/2011 11:04:56 AM	0.4010 V/m	0.3892 V/m	0.3742 V/m
365	10/14/2011 11:05:06 AM	0.3997 V/m	0.3874 V/m	0.3720 V/m
366	10/14/2011 11:05:16 AM	0.4031 V/m	0.3871 V/m	0.3735 V/m
367	10/14/2011 11:05:26 AM	0.4064 V/m	0.3860 V/m	0.3705 V/m
368	10/14/2011 11:05:36 AM	0.3990 V/m	0.3868 V/m	0.3713 V/m
369	10/14/2011 11:05:46 AM	0.4044 V/m	0.3878 V/m	0.3735 V/m
370	10/14/2011 11:05:56 AM	0.4058 V/m	0.3883 V/m	0.3720 V/m
371	10/14/2011 11:06:06 AM	0.4058 V/m	0.3884 V/m	0.3676 V/m

372	10/14/2011 11:06:16 AM	0.4044 V/m	0.3924 V/m	0.3764 V/m
373	10/14/2011 11:06:26 AM	0.4105 V/m	0.3956 V/m	0.3771 V/m
374	10/14/2011 11:06:36 AM	0.4190 V/m	0.4012 V/m	0.3886 V/m
375	10/14/2011 11:06:46 AM	0.4190 V/m	0.3999 V/m	0.3764 V/m
376	10/14/2011 11:06:56 AM	0.4118 V/m	0.3954 V/m	0.3793 V/m
377	10/14/2011 11:07:06 AM	0.4118 V/m	0.3997 V/m	0.3871 V/m
378	10/14/2011 11:07:16 AM	0.4078 V/m	0.3998 V/m	0.3886 V/m
379	10/14/2011 11:07:26 AM	0.4071 V/m	0.3956 V/m	0.3764 V/m
380	10/14/2011 11:07:36 AM	0.4098 V/m	0.3968 V/m	0.3850 V/m
381	10/14/2011 11:07:46 AM	0.4138 V/m	0.3974 V/m	0.3786 V/m
382	10/14/2011 11:07:56 AM	0.4003 V/m	0.3880 V/m	0.3727 V/m
383	10/14/2011 11:08:06 AM	0.4031 V/m	0.3892 V/m	0.3749 V/m
384	10/14/2011 11:08:16 AM	0.4024 V/m	0.3905 V/m	0.3749 V/m
385	10/14/2011 11:08:26 AM	0.4037 V/m	0.3921 V/m	0.3807 V/m
386	10/14/2011 11:08:36 AM	0.4024 V/m	0.3883 V/m	0.3735 V/m
387	10/14/2011 11:08:46 AM	0.4003 V/m	0.3877 V/m	0.3727 V/m
388	10/14/2011 11:08:56 AM	0.3983 V/m	0.3896 V/m	0.3786 V/m
389	10/14/2011 11:09:06 AM	0.3976 V/m	0.3836 V/m	0.3705 V/m
390	10/14/2011 11:09:16 AM	0.3997 V/m	0.3832 V/m	0.3616 V/m
391	10/14/2011 11:09:26 AM	0.3864 V/m	0.3768 V/m	0.3646 V/m
392	10/14/2011 11:09:36 AM	0.3997 V/m	0.3847 V/m	0.3727 V/m
393	10/14/2011 11:09:46 AM	0.3928 V/m	0.3822 V/m	0.3742 V/m
394	10/14/2011 11:09:56 AM	0.3976 V/m	0.3814 V/m	0.3668 V/m
395	10/14/2011 11:10:06 AM	0.4031 V/m	0.3892 V/m	0.3698 V/m
396	10/14/2011 11:10:16 AM	0.3976 V/m	0.3891 V/m	0.3742 V/m
397	10/14/2011 11:10:26 AM	0.3962 V/m	0.3865 V/m	0.3793 V/m
398	10/14/2011 11:10:36 AM	0.3990 V/m	0.3820 V/m	0.3690 V/m
399	10/14/2011 11:10:46 AM	0.3962 V/m	0.3853 V/m	0.3698 V/m
400	10/14/2011 11:10:56 AM	0.4051 V/m	0.3810 V/m	0.3578 V/m
401	10/14/2011 11:11:06 AM	0.3914 V/m	0.3768 V/m	0.3638 V/m
402	10/14/2011 11:11:16 AM	0.3969 V/m	0.3813 V/m	0.3683 V/m
403	10/14/2011 11:11:26 AM	0.4003 V/m	0.3813 V/m	0.3638 V/m
404	10/14/2011 11:11:36 AM	0.3997 V/m	0.3832 V/m	0.3661 V/m
405	10/14/2011 11:11:46 AM	0.3935 V/m	0.3793 V/m	0.3653 V/m
406	10/14/2011 11:11:56 AM	0.3836 V/m	0.3694 V/m	0.3531 V/m
407	10/14/2011 11:12:06 AM	0.3836 V/m	0.3677 V/m	0.3539 V/m
408	10/14/2011 11:12:16 AM	0.3786 V/m	0.3645 V/m	0.3437 V/m
409	10/14/2011 11:12:26 AM	0.3914 V/m	0.3720 V/m	0.3600 V/m
410	10/14/2011 11:12:36 AM	0.3843 V/m	0.3678 V/m	0.3547 V/m
411	10/14/2011 11:12:46 AM	0.3878 V/m	0.3679 V/m	0.3539 V/m
412	10/14/2011 11:12:56 AM	0.3893 V/m	0.3747 V/m	0.3469 V/m
413	10/14/2011 11:13:06 AM	0.3955 V/m	0.3755 V/m	0.3570 V/m
414	10/14/2011 11:13:16 AM	0.3976 V/m	0.3772 V/m	0.3492 V/m
415	10/14/2011 11:13:26 AM	0.3935 V/m	0.3789 V/m	0.3646 V/m
416	10/14/2011 11:13:36 AM	0.3948 V/m	0.3782 V/m	0.3631 V/m
417	10/14/2011 11:13:46 AM	0.3934 V/m	0.3748 V/m	0.3578 V/m
418	10/14/2011 11:13:56 AM	0.3857 V/m	0.3728 V/m	0.3600 V/m
419	10/14/2011 11:14:06 AM	0.3893 V/m	0.3754 V/m	0.3653 V/m
420	10/14/2011 11:14:16 AM	0.3850 V/m	0.3746 V/m	0.3646 V/m
421	10/14/2011 11:14:26 AM	0.3955 V/m	0.3756 V/m	0.3638 V/m
422	10/14/2011 11:14:36 AM	0.3843 V/m	0.3726 V/m	0.3646 V/m
423	10/14/2011 11:14:46 AM	0.3843 V/m	0.3679 V/m	0.3524 V/m
424	10/14/2011 11:14:56 AM	0.3900 V/m	0.3763 V/m	0.3539 V/m
425	10/14/2011 11:15:06 AM	0.3886 V/m	0.3774 V/m	0.3631 V/m
426	10/14/2011 11:15:16 AM	0.3893 V/m	0.3713 V/m	0.3477 V/m
427	10/14/2011 11:15:26 AM	0.3829 V/m	0.3667 V/m	0.3531 V/m
428	10/14/2011 11:15:36 AM	0.3814 V/m	0.3711 V/m	0.3593 V/m
429	10/14/2011 11:15:46 AM	0.3822 V/m	0.3708 V/m	0.3524 V/m
430	10/14/2011 11:15:56 AM	0.3962 V/m	0.3749 V/m	0.3608 V/m
431	10/14/2011 11:16:06 AM	0.3871 V/m	0.3747 V/m	0.3623 V/m
432	10/14/2011 11:16:16 AM	0.3941 V/m	0.3763 V/m	0.3585 V/m
433	10/14/2011 11:16:26 AM	0.3878 V/m	0.3729 V/m	0.3616 V/m
434	10/14/2011 11:16:36 AM	0.3871 V/m	0.3748 V/m	0.3631 V/m

435	10/14/2011 11:16:46 AM	0.3962 V/m	0.3764 V/m	0.3578 V/m
436	10/14/2011 11:16:56 AM	0.3928 V/m	0.3770 V/m	0.3585 V/m
437	10/14/2011 11:17:06 AM	0.4125 V/m	0.3854 V/m	0.3653 V/m
438	10/14/2011 11:17:16 AM	0.4017 V/m	0.3872 V/m	0.3749 V/m
439	10/14/2011 11:17:26 AM	0.3907 V/m	0.3780 V/m	0.3683 V/m
440	10/14/2011 11:17:36 AM	0.3829 V/m	0.3723 V/m	0.3608 V/m
441	10/14/2011 11:17:46 AM	0.3893 V/m	0.3747 V/m	0.3608 V/m
442	10/14/2011 11:17:56 AM	0.3928 V/m	0.3778 V/m	0.3638 V/m
443	10/14/2011 11:18:06 AM	0.3914 V/m	0.3751 V/m	0.3646 V/m
444	10/14/2011 11:18:16 AM	0.3822 V/m	0.3720 V/m	0.3508 V/m
445	10/14/2011 11:18:26 AM	0.3822 V/m	0.3692 V/m	0.3531 V/m
446	10/14/2011 11:18:36 AM	0.3907 V/m	0.3735 V/m	0.3608 V/m
447	10/14/2011 11:18:46 AM	0.3941 V/m	0.3798 V/m	0.3585 V/m
448	10/14/2011 11:18:56 AM	0.4031 V/m	0.3887 V/m	0.3690 V/m
449	10/14/2011 11:19:06 AM	0.4111 V/m	0.3936 V/m	0.3720 V/m
450	10/14/2011 11:19:16 AM	0.3928 V/m	0.3118 V/m	0.2666 V/m
451	10/14/2011 11:19:26 AM	0.3249 V/m	0.3025 V/m	0.2855 V/m
452	10/14/2011 11:19:36 AM	0.3181 V/m	0.3001 V/m	0.2796 V/m
453	10/14/2011 11:19:46 AM	0.3172 V/m	0.3034 V/m	0.2816 V/m
454	10/14/2011 11:19:56 AM	0.3224 V/m	0.2994 V/m	0.2845 V/m
455	10/14/2011 11:20:06 AM	0.3274 V/m	0.3079 V/m	0.2874 V/m
456	10/14/2011 11:20:16 AM	0.3224 V/m	0.3074 V/m	0.2921 V/m
457	10/14/2011 11:20:26 AM	0.3207 V/m	0.3059 V/m	0.2874 V/m
458	10/14/2011 11:20:36 AM	0.3172 V/m	0.3061 V/m	0.2930 V/m
459	10/14/2011 11:20:46 AM	0.3215 V/m	0.3086 V/m	0.2835 V/m
460	10/14/2011 11:20:56 AM	0.3198 V/m	0.3035 V/m	0.2874 V/m
461	10/14/2011 11:21:06 AM	0.3249 V/m	0.3063 V/m	0.2883 V/m
462	10/14/2011 11:21:16 AM	0.3215 V/m	0.3064 V/m	0.2717 V/m
463	10/14/2011 11:21:26 AM	0.3146 V/m	0.3014 V/m	0.2835 V/m
464	10/14/2011 11:21:36 AM	0.3172 V/m	0.2990 V/m	0.2826 V/m
465	10/14/2011 11:21:46 AM	0.3307 V/m	0.2988 V/m	0.2826 V/m
466	10/14/2011 11:21:56 AM	0.3102 V/m	0.2993 V/m	0.2855 V/m
467	10/14/2011 11:22:06 AM	0.3274 V/m	0.3071 V/m	0.2874 V/m
468	10/14/2011 11:22:16 AM	0.3282 V/m	0.3083 V/m	0.2911 V/m
469	10/14/2011 11:22:26 AM	0.3172 V/m	0.3046 V/m	0.2921 V/m
470	10/14/2011 11:22:36 AM	0.3181 V/m	0.3018 V/m	0.2796 V/m
471	10/14/2011 11:22:46 AM	0.3282 V/m	0.3077 V/m	0.2883 V/m
472	10/14/2011 11:22:56 AM	0.3291 V/m	0.3115 V/m	0.2958 V/m
473	10/14/2011 11:23:06 AM	0.3240 V/m	0.3048 V/m	0.2826 V/m
474	10/14/2011 11:23:16 AM	0.3094 V/m	0.2950 V/m	0.2747 V/m
475	10/14/2011 11:23:26 AM	0.4031 V/m	0.3445 V/m	0.2864 V/m
476	10/14/2011 11:23:36 AM	0.3983 V/m	0.3857 V/m	0.3742 V/m
477	10/14/2011 11:23:46 AM	0.4044 V/m	0.3834 V/m	0.3705 V/m
478	10/14/2011 11:23:56 AM	0.3948 V/m	0.3788 V/m	0.3631 V/m
479	10/14/2011 11:24:06 AM	0.3955 V/m	0.3795 V/m	0.3646 V/m
480	10/14/2011 11:24:16 AM	0.4085 V/m	0.3868 V/m	0.3698 V/m
481	10/14/2011 11:24:26 AM	0.4111 V/m	0.3908 V/m	0.3727 V/m
482	10/14/2011 11:24:36 AM	0.4138 V/m	0.3914 V/m	0.3705 V/m
483	10/14/2011 11:24:46 AM	0.4071 V/m	0.3893 V/m	0.3683 V/m
484	10/14/2011 11:24:56 AM	0.4003 V/m	0.3870 V/m	0.3742 V/m
485	10/14/2011 11:25:06 AM	0.4078 V/m	0.3898 V/m	0.3757 V/m
486	10/14/2011 11:25:16 AM	0.3997 V/m	0.3831 V/m	0.3676 V/m
487	10/14/2011 11:25:26 AM	0.3941 V/m	0.3814 V/m	0.3683 V/m
488	10/14/2011 11:25:36 AM	0.4058 V/m	0.3914 V/m	0.3713 V/m
489	10/14/2011 11:25:46 AM	0.4091 V/m	0.4003 V/m	0.3886 V/m
490	10/14/2011 11:25:56 AM	0.4071 V/m	0.3904 V/m	0.3735 V/m
491	10/14/2011 11:26:06 AM	0.4064 V/m	0.3889 V/m	0.3757 V/m
492	10/14/2011 11:26:16 AM	0.4078 V/m	0.3902 V/m	0.3705 V/m
493	10/14/2011 11:26:26 AM	0.3997 V/m	0.3819 V/m	0.3638 V/m
494	10/14/2011 11:26:36 AM	0.4125 V/m	0.3918 V/m	0.3771 V/m
495	10/14/2011 11:26:46 AM	0.4091 V/m	0.3946 V/m	0.3638 V/m
496	10/14/2011 11:26:56 AM	0.4031 V/m	0.3810 V/m	0.3539 V/m
497	10/14/2011 11:27:06 AM	0.4071 V/m	0.3864 V/m	0.3713 V/m

498	10/14/2011 11:27:16 AM	0.3983 V/m	0.3860 V/m	0.3638 V/m
499	10/14/2011 11:27:26 AM	0.3976 V/m	0.3835 V/m	0.3638 V/m
500	10/14/2011 11:27:36 AM	0.3948 V/m	0.3868 V/m	0.3735 V/m
501	10/14/2011 11:27:46 AM	0.4058 V/m	0.3937 V/m	0.3720 V/m
502	10/14/2011 11:27:56 AM	0.4432 V/m	0.4149 V/m	0.3928 V/m
503	10/14/2011 11:28:06 AM	0.4281 V/m	0.4105 V/m	0.3983 V/m
504	10/14/2011 11:28:16 AM	0.4275 V/m	0.4146 V/m	0.4003 V/m
505	10/14/2011 11:28:26 AM	0.4287 V/m	0.4101 V/m	0.3742 V/m
506	10/14/2011 11:28:36 AM	0.4332 V/m	0.4128 V/m	0.3962 V/m
507	10/14/2011 11:28:46 AM	0.4217 V/m	0.4077 V/m	0.3807 V/m
508	10/14/2011 11:28:56 AM	0.4164 V/m	0.4031 V/m	0.3864 V/m
509	10/14/2011 11:29:06 AM	0.4177 V/m	0.3987 V/m	0.3822 V/m
510	10/14/2011 11:29:16 AM	0.4262 V/m	0.3982 V/m	0.3735 V/m
511	10/14/2011 11:29:26 AM	0.4204 V/m	0.4069 V/m	0.3857 V/m
512	10/14/2011 11:29:36 AM	0.4091 V/m	0.3924 V/m	0.3676 V/m
513	10/14/2011 11:29:46 AM	0.3921 V/m	0.3796 V/m	0.3668 V/m
514	10/14/2011 11:29:56 AM	0.4017 V/m	0.3822 V/m	0.3578 V/m
515	10/14/2011 11:30:06 AM	0.3893 V/m	0.3720 V/m	0.3555 V/m
516	10/14/2011 11:30:16 AM	0.4031 V/m	0.3794 V/m	0.3524 V/m
517	10/14/2011 11:30:26 AM	0.3878 V/m	0.3745 V/m	0.3616 V/m
518	10/14/2011 11:30:36 AM	0.3900 V/m	0.3734 V/m	0.3585 V/m
519	10/14/2011 11:30:46 AM	0.3907 V/m	0.3790 V/m	0.3683 V/m
520	10/14/2011 11:30:56 AM	0.5715 V/m	0.4207 V/m	0.3757 V/m
521	10/14/2011 11:31:06 AM	0.4912 V/m	0.4245 V/m	0.3997 V/m
522	10/14/2011 11:31:16 AM	0.4294 V/m	0.4032 V/m	0.3886 V/m
523	10/14/2011 11:31:26 AM	0.4171 V/m	0.4059 V/m	0.3914 V/m
524	10/14/2011 11:31:36 AM	0.4158 V/m	0.3938 V/m	0.3757 V/m
525	10/14/2011 11:31:46 AM	0.4338 V/m	0.4080 V/m	0.3850 V/m
526	10/14/2011 11:31:56 AM	0.5541 V/m	0.4880 V/m	0.4010 V/m
527	10/14/2011 11:32:06 AM	0.5446 V/m	0.4628 V/m	0.4306 V/m
528	10/14/2011 11:32:16 AM	0.5759 V/m	0.5081 V/m	0.4529 V/m
529	10/14/2011 11:32:26 AM	0.5044 V/m	0.4960 V/m	0.4851 V/m
530	10/14/2011 11:32:36 AM	0.5210 V/m	0.5017 V/m	0.4873 V/m
531	10/14/2011 11:32:46 AM	0.6033 V/m	0.5651 V/m	0.4666 V/m
532	10/14/2011 11:32:56 AM	0.5830 V/m	0.5508 V/m	0.4701 V/m
533	10/14/2011 11:33:06 AM	0.6191 V/m	0.5733 V/m	0.4879 V/m
534	10/14/2011 11:33:16 AM	0.6717 V/m	0.6055 V/m	0.5152 V/m
535	10/14/2011 11:33:26 AM	0.6552 V/m	0.6055 V/m	0.5184 V/m
536	10/14/2011 11:33:36 AM	0.6730 V/m	0.6184 V/m	0.5257 V/m
537	10/14/2011 11:33:46 AM	0.6488 V/m	0.6060 V/m	0.5125 V/m
538	10/14/2011 11:33:56 AM	0.6208 V/m	0.4466 V/m	0.3843 V/m
539	10/14/2011 11:34:06 AM	0.4607 V/m	0.4171 V/m	0.3793 V/m
540	10/14/2011 11:34:16 AM	0.5471 V/m	0.4658 V/m	0.4158 V/m
541	10/14/2011 11:34:26 AM	0.5491 V/m	0.4327 V/m	0.3822 V/m
542	10/14/2011 11:34:36 AM	0.4262 V/m	0.4033 V/m	0.3822 V/m
543	10/14/2011 11:34:46 AM	0.5834 V/m	0.4143 V/m	0.3676 V/m
544	10/14/2011 11:34:56 AM	0.4065 V/m	0.3952 V/m	0.3829 V/m
545	10/14/2011 11:35:06 AM	0.4098 V/m	0.3918 V/m	0.3771 V/m
546	10/14/2011 11:35:16 AM	0.4078 V/m	0.3950 V/m	0.3814 V/m
547	10/14/2011 11:35:26 AM	0.4065 V/m	0.3909 V/m	0.3778 V/m
548	10/14/2011 11:35:36 AM	0.4118 V/m	0.3939 V/m	0.3727 V/m
549	10/14/2011 11:35:46 AM	0.4065 V/m	0.3906 V/m	0.3646 V/m
550	10/14/2011 11:35:56 AM	0.3990 V/m	0.3836 V/m	0.3683 V/m
551	10/14/2011 11:36:06 AM	0.4017 V/m	0.3865 V/m	0.3668 V/m
552	10/14/2011 11:36:16 AM	0.3962 V/m	0.3812 V/m	0.3638 V/m
553	10/14/2011 11:36:26 AM	0.4003 V/m	0.3839 V/m	0.3720 V/m
554	10/14/2011 11:36:36 AM	0.4105 V/m	0.3946 V/m	0.3814 V/m
555	10/14/2011 11:36:46 AM	0.4111 V/m	0.3893 V/m	0.3749 V/m
556	10/14/2011 11:36:56 AM	0.3969 V/m	0.3855 V/m	0.3713 V/m
557	10/14/2011 11:37:06 AM	0.4085 V/m	0.3942 V/m	0.3800 V/m
558	10/14/2011 11:37:16 AM	0.3990 V/m	0.3836 V/m	0.3661 V/m
559	10/14/2011 11:37:26 AM	0.3997 V/m	0.3869 V/m	0.3757 V/m
560	10/14/2011 11:37:36 AM	0.4078 V/m	0.3926 V/m	0.3764 V/m

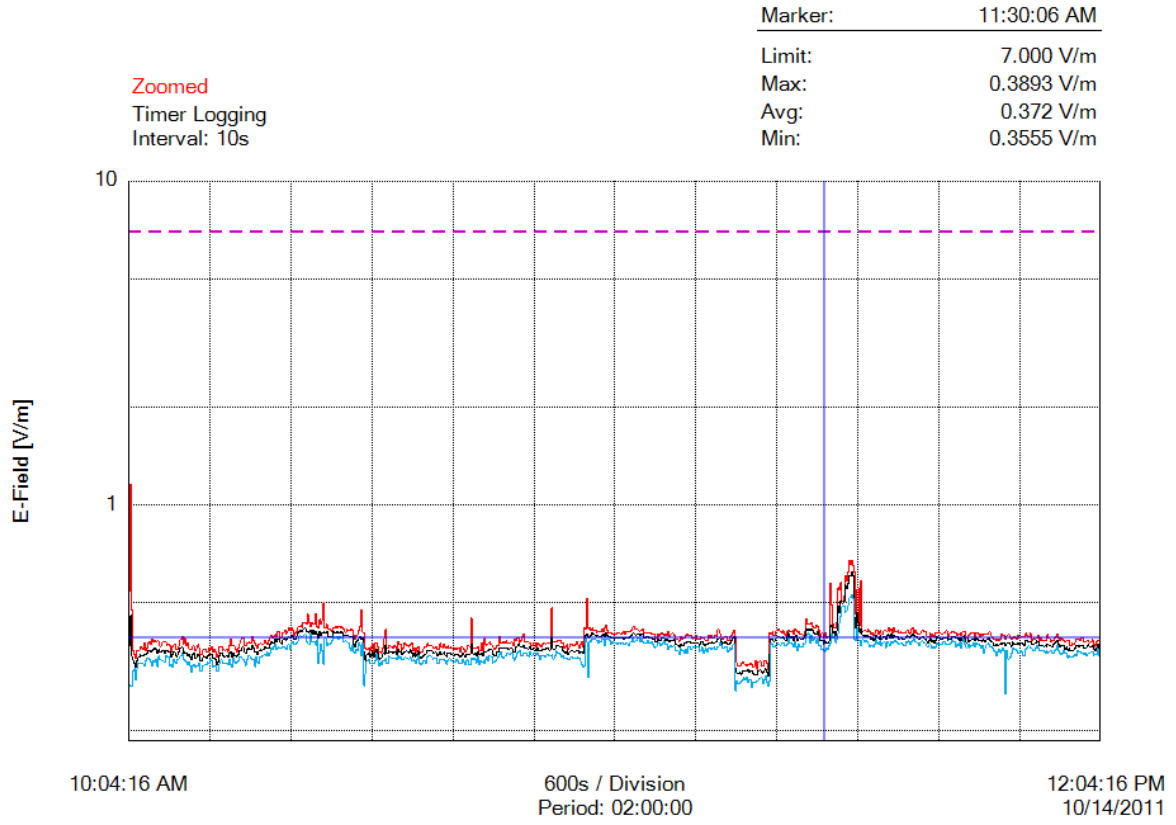


561	10/14/2011 11:37:46 AM	0.4078 V/m	0.3836 V/m	0.3623 V/m
562	10/14/2011 11:37:56 AM	0.4071 V/m	0.3935 V/m	0.3778 V/m
563	10/14/2011 11:38:06 AM	0.4177 V/m	0.3975 V/m	0.3727 V/m
564	10/14/2011 11:38:16 AM	0.4071 V/m	0.3884 V/m	0.3676 V/m
565	10/14/2011 11:38:26 AM	0.4138 V/m	0.3978 V/m	0.3764 V/m
566	10/14/2011 11:38:36 AM	0.4010 V/m	0.3888 V/m	0.3735 V/m
567	10/14/2011 11:38:46 AM	0.4171 V/m	0.3954 V/m	0.3786 V/m
568	10/14/2011 11:38:56 AM	0.4044 V/m	0.3927 V/m	0.3807 V/m
569	10/14/2011 11:39:06 AM	0.4064 V/m	0.3914 V/m	0.3786 V/m
570	10/14/2011 11:39:16 AM	0.4078 V/m	0.3921 V/m	0.3727 V/m
571	10/14/2011 11:39:26 AM	0.4017 V/m	0.3846 V/m	0.3690 V/m
572	10/14/2011 11:39:36 AM	0.4044 V/m	0.3866 V/m	0.3727 V/m
573	10/14/2011 11:39:46 AM	0.4024 V/m	0.3881 V/m	0.3735 V/m
574	10/14/2011 11:39:56 AM	0.4010 V/m	0.3840 V/m	0.3705 V/m
575	10/14/2011 11:40:06 AM	0.4017 V/m	0.3859 V/m	0.3668 V/m
576	10/14/2011 11:40:16 AM	0.4071 V/m	0.3914 V/m	0.3778 V/m
577	10/14/2011 11:40:26 AM	0.4111 V/m	0.3932 V/m	0.3749 V/m
578	10/14/2011 11:40:36 AM	0.4037 V/m	0.3912 V/m	0.3793 V/m
579	10/14/2011 11:40:46 AM	0.3997 V/m	0.3893 V/m	0.3705 V/m
580	10/14/2011 11:40:56 AM	0.4118 V/m	0.3933 V/m	0.3764 V/m
581	10/14/2011 11:41:06 AM	0.4164 V/m	0.3995 V/m	0.3814 V/m
582	10/14/2011 11:41:16 AM	0.4037 V/m	0.3950 V/m	0.3843 V/m
583	10/14/2011 11:41:26 AM	0.4091 V/m	0.3901 V/m	0.3771 V/m
584	10/14/2011 11:41:36 AM	0.4031 V/m	0.3904 V/m	0.3757 V/m
585	10/14/2011 11:41:46 AM	0.3983 V/m	0.3859 V/m	0.3742 V/m
586	10/14/2011 11:41:56 AM	0.3990 V/m	0.3832 V/m	0.3683 V/m
587	10/14/2011 11:42:06 AM	0.4010 V/m	0.3885 V/m	0.3764 V/m
588	10/14/2011 11:42:16 AM	0.4085 V/m	0.3908 V/m	0.3800 V/m
589	10/14/2011 11:42:26 AM	0.4098 V/m	0.3906 V/m	0.3778 V/m
590	10/14/2011 11:42:36 AM	0.4058 V/m	0.3860 V/m	0.3727 V/m
591	10/14/2011 11:42:46 AM	0.3941 V/m	0.3799 V/m	0.3661 V/m
592	10/14/2011 11:42:56 AM	0.3921 V/m	0.3733 V/m	0.3631 V/m
593	10/14/2011 11:43:06 AM	0.3907 V/m	0.3806 V/m	0.3683 V/m
594	10/14/2011 11:43:16 AM	0.4003 V/m	0.3867 V/m	0.3690 V/m
595	10/14/2011 11:43:26 AM	0.3914 V/m	0.3768 V/m	0.3608 V/m
596	10/14/2011 11:43:36 AM	0.3969 V/m	0.3825 V/m	0.3631 V/m
597	10/14/2011 11:43:46 AM	0.3921 V/m	0.3752 V/m	0.3623 V/m
598	10/14/2011 11:43:56 AM	0.4017 V/m	0.3814 V/m	0.3646 V/m
599	10/14/2011 11:44:06 AM	0.4024 V/m	0.3907 V/m	0.3749 V/m
600	10/14/2011 11:44:16 AM	0.4044 V/m	0.3869 V/m	0.3705 V/m
601	10/14/2011 11:44:26 AM	0.4003 V/m	0.3870 V/m	0.3720 V/m
602	10/14/2011 11:44:36 AM	0.3997 V/m	0.3835 V/m	0.3698 V/m
603	10/14/2011 11:44:46 AM	0.3969 V/m	0.3843 V/m	0.3698 V/m
604	10/14/2011 11:44:56 AM	0.4017 V/m	0.3890 V/m	0.3778 V/m
605	10/14/2011 11:45:06 AM	0.4024 V/m	0.3891 V/m	0.3764 V/m
606	10/14/2011 11:45:16 AM	0.4091 V/m	0.3884 V/m	0.3690 V/m
607	10/14/2011 11:45:26 AM	0.3907 V/m	0.3822 V/m	0.3705 V/m
608	10/14/2011 11:45:36 AM	0.3997 V/m	0.3845 V/m	0.3713 V/m
609	10/14/2011 11:45:46 AM	0.4003 V/m	0.3845 V/m	0.3735 V/m
610	10/14/2011 11:45:56 AM	0.4071 V/m	0.3926 V/m	0.3800 V/m
611	10/14/2011 11:46:06 AM	0.4065 V/m	0.3907 V/m	0.3764 V/m
612	10/14/2011 11:46:16 AM	0.4024 V/m	0.3923 V/m	0.3764 V/m
613	10/14/2011 11:46:26 AM	0.4024 V/m	0.3875 V/m	0.3631 V/m
614	10/14/2011 11:46:36 AM	0.3935 V/m	0.3866 V/m	0.3705 V/m
615	10/14/2011 11:46:46 AM	0.3997 V/m	0.3823 V/m	0.3676 V/m
616	10/14/2011 11:46:56 AM	0.4003 V/m	0.3879 V/m	0.3764 V/m
617	10/14/2011 11:47:06 AM	0.3935 V/m	0.3792 V/m	0.3593 V/m
618	10/14/2011 11:47:16 AM	0.4044 V/m	0.3906 V/m	0.3764 V/m
619	10/14/2011 11:47:26 AM	0.4064 V/m	0.3941 V/m	0.3871 V/m
620	10/14/2011 11:47:36 AM	0.4058 V/m	0.3843 V/m	0.3705 V/m
621	10/14/2011 11:47:46 AM	0.3871 V/m	0.3749 V/m	0.3623 V/m
622	10/14/2011 11:47:56 AM	0.3948 V/m	0.3832 V/m	0.3713 V/m
623	10/14/2011 11:48:06 AM	0.3969 V/m	0.3785 V/m	0.3616 V/m

624	10/14/2011 11:48:16 AM	0.4024 V/m	0.3820 V/m	0.3683 V/m
625	10/14/2011 11:48:26 AM	0.4017 V/m	0.3827 V/m	0.3661 V/m
626	10/14/2011 11:48:36 AM	0.4010 V/m	0.3857 V/m	0.3735 V/m
627	10/14/2011 11:48:46 AM	0.3893 V/m	0.3797 V/m	0.3653 V/m
628	10/14/2011 11:48:56 AM	0.4003 V/m	0.3873 V/m	0.3757 V/m
629	10/14/2011 11:49:06 AM	0.4017 V/m	0.3854 V/m	0.3713 V/m
630	10/14/2011 11:49:16 AM	0.3969 V/m	0.3812 V/m	0.3690 V/m
631	10/14/2011 11:49:26 AM	0.3921 V/m	0.3799 V/m	0.3683 V/m
632	10/14/2011 11:49:36 AM	0.3990 V/m	0.3788 V/m	0.3600 V/m
633	10/14/2011 11:49:46 AM	0.3948 V/m	0.3832 V/m	0.3683 V/m
634	10/14/2011 11:49:56 AM	0.3983 V/m	0.3794 V/m	0.3477 V/m
635	10/14/2011 11:50:06 AM	0.3976 V/m	0.3769 V/m	0.3608 V/m
636	10/14/2011 11:50:16 AM	0.3983 V/m	0.3831 V/m	0.3691 V/m
637	10/14/2011 11:50:26 AM	0.4037 V/m	0.3887 V/m	0.3735 V/m
638	10/14/2011 11:50:36 AM	0.4044 V/m	0.3821 V/m	0.3646 V/m
639	10/14/2011 11:50:46 AM	0.3934 V/m	0.3781 V/m	0.3646 V/m
640	10/14/2011 11:50:56 AM	0.3878 V/m	0.3763 V/m	0.3600 V/m
641	10/14/2011 11:51:06 AM	0.3836 V/m	0.3679 V/m	0.3547 V/m
642	10/14/2011 11:51:16 AM	0.3836 V/m	0.3685 V/m	0.3508 V/m
643	10/14/2011 11:51:26 AM	0.3807 V/m	0.3694 V/m	0.3429 V/m
644	10/14/2011 11:51:36 AM	0.3843 V/m	0.3684 V/m	0.3508 V/m
645	10/14/2011 11:51:46 AM	0.3800 V/m	0.3693 V/m	0.3570 V/m
646	10/14/2011 11:51:56 AM	0.3843 V/m	0.3729 V/m	0.3492 V/m
647	10/14/2011 11:52:06 AM	0.3976 V/m	0.3710 V/m	0.3547 V/m
648	10/14/2011 11:52:16 AM	0.3948 V/m	0.3751 V/m	0.3608 V/m
649	10/14/2011 11:52:26 AM	0.3941 V/m	0.3726 V/m	0.3539 V/m
650	10/14/2011 11:52:36 AM	0.3829 V/m	0.3672 V/m	0.2604 V/m
651	10/14/2011 11:52:46 AM	0.3941 V/m	0.3737 V/m	0.3555 V/m
652	10/14/2011 11:52:56 AM	0.3983 V/m	0.3750 V/m	0.3340 V/m
653	10/14/2011 11:53:06 AM	0.3878 V/m	0.3692 V/m	0.3389 V/m
654	10/14/2011 11:53:16 AM	0.3843 V/m	0.3653 V/m	0.3485 V/m
655	10/14/2011 11:53:26 AM	0.3878 V/m	0.3763 V/m	0.3623 V/m
656	10/14/2011 11:53:36 AM	0.3921 V/m	0.3711 V/m	0.3570 V/m
657	10/14/2011 11:53:46 AM	0.3871 V/m	0.3706 V/m	0.3570 V/m
658	10/14/2011 11:53:56 AM	0.3829 V/m	0.3697 V/m	0.3547 V/m
659	10/14/2011 11:54:06 AM	0.3948 V/m	0.3733 V/m	0.3477 V/m
660	10/14/2011 11:54:16 AM	0.3886 V/m	0.3702 V/m	0.3485 V/m
661	10/14/2011 11:54:26 AM	0.3900 V/m	0.3729 V/m	0.3555 V/m
662	10/14/2011 11:54:36 AM	0.3907 V/m	0.3738 V/m	0.3508 V/m
663	10/14/2011 11:54:46 AM	0.3928 V/m	0.3714 V/m	0.3405 V/m
664	10/14/2011 11:54:56 AM	0.3914 V/m	0.3670 V/m	0.3421 V/m
665	10/14/2011 11:55:06 AM	0.4003 V/m	0.3814 V/m	0.3585 V/m
666	10/14/2011 11:55:16 AM	0.3941 V/m	0.3796 V/m	0.3623 V/m
667	10/14/2011 11:55:26 AM	0.3907 V/m	0.3771 V/m	0.3668 V/m
668	10/14/2011 11:55:36 AM	0.4003 V/m	0.3791 V/m	0.3593 V/m
669	10/14/2011 11:55:46 AM	0.3807 V/m	0.3693 V/m	0.3600 V/m
670	10/14/2011 11:55:56 AM	0.3850 V/m	0.3704 V/m	0.3539 V/m
671	10/14/2011 11:56:06 AM	0.3864 V/m	0.3723 V/m	0.3539 V/m
672	10/14/2011 11:56:16 AM	0.3857 V/m	0.3743 V/m	0.3608 V/m
673	10/14/2011 11:56:26 AM	0.3893 V/m	0.3794 V/m	0.3676 V/m
674	10/14/2011 11:56:36 AM	0.3962 V/m	0.3773 V/m	0.3600 V/m
675	10/14/2011 11:56:46 AM	0.3814 V/m	0.3688 V/m	0.3539 V/m
676	10/14/2011 11:56:56 AM	0.3886 V/m	0.3662 V/m	0.3539 V/m
677	10/14/2011 11:57:06 AM	0.3800 V/m	0.3671 V/m	0.3531 V/m
678	10/14/2011 11:57:16 AM	0.3822 V/m	0.3654 V/m	0.3531 V/m
679	10/14/2011 11:57:26 AM	0.3793 V/m	0.3662 V/m	0.3492 V/m
680	10/14/2011 11:57:36 AM	0.3793 V/m	0.3655 V/m	0.3539 V/m
681	10/14/2011 11:57:46 AM	0.3969 V/m	0.3715 V/m	0.3469 V/m
682	10/14/2011 11:57:56 AM	0.3871 V/m	0.3686 V/m	0.3524 V/m
683	10/14/2011 11:58:06 AM	0.3771 V/m	0.3667 V/m	0.3555 V/m
684	10/14/2011 11:58:16 AM	0.3807 V/m	0.3640 V/m	0.3485 V/m
685	10/14/2011 11:58:26 AM	0.3814 V/m	0.3693 V/m	0.3477 V/m
686	10/14/2011 11:58:36 AM	0.3878 V/m	0.3742 V/m	0.3547 V/m

687	10/14/2011 11:58:46 AM	0.3914 V/m	0.3774 V/m	0.3585 V/m
688	10/14/2011 11:58:56 AM	0.3983 V/m	0.3825 V/m	0.3668 V/m
689	10/14/2011 11:59:06 AM	0.3878 V/m	0.3710 V/m	0.3547 V/m
690	10/14/2011 11:59:16 AM	0.3800 V/m	0.3651 V/m	0.3492 V/m
691	10/14/2011 11:59:26 AM	0.3893 V/m	0.3663 V/m	0.3445 V/m
692	10/14/2011 11:59:36 AM	0.3843 V/m	0.3664 V/m	0.3492 V/m
693	10/14/2011 11:59:46 AM	0.3814 V/m	0.3665 V/m	0.3539 V/m
694	10/14/2011 11:59:56 AM	0.3764 V/m	0.3580 V/m	0.3469 V/m
695	10/14/2011 12:00:06 PM	0.3800 V/m	0.3629 V/m	0.3469 V/m
696	10/14/2011 12:00:16 PM	0.3800 V/m	0.3553 V/m	0.3365 V/m
697	10/14/2011 12:00:26 PM	0.3807 V/m	0.3599 V/m	0.3429 V/m
698	10/14/2011 12:00:36 PM	0.3661 V/m	0.3537 V/m	0.3389 V/m
699	10/14/2011 12:00:46 PM	0.3727 V/m	0.3538 V/m	0.3389 V/m
700	10/14/2011 12:00:56 PM	0.3698 V/m	0.3557 V/m	0.3421 V/m
701	10/14/2011 12:01:06 PM	0.3757 V/m	0.3607 V/m	0.3453 V/m
702	10/14/2011 12:01:16 PM	0.3850 V/m	0.3671 V/m	0.3413 V/m
703	10/14/2011 12:01:26 PM	0.3836 V/m	0.3682 V/m	0.3539 V/m
704	10/14/2011 12:01:36 PM	0.3843 V/m	0.3654 V/m	0.3524 V/m
705	10/14/2011 12:01:46 PM	0.3793 V/m	0.3669 V/m	0.3508 V/m
706	10/14/2011 12:01:56 PM	0.3871 V/m	0.3674 V/m	0.3485 V/m
707	10/14/2011 12:02:06 PM	0.3864 V/m	0.3671 V/m	0.3477 V/m
708	10/14/2011 12:02:16 PM	0.3764 V/m	0.3616 V/m	0.3453 V/m
709	10/14/2011 12:02:26 PM	0.3778 V/m	0.3609 V/m	0.3492 V/m
710	10/14/2011 12:02:36 PM	0.3800 V/m	0.3633 V/m	0.3421 V/m
711	10/14/2011 12:02:46 PM	0.3822 V/m	0.3696 V/m	0.3469 V/m
712	10/14/2011 12:02:56 PM	0.3749 V/m	0.3644 V/m	0.3485 V/m
713	10/14/2011 12:03:06 PM	0.3771 V/m	0.3632 V/m	0.3500 V/m
714	10/14/2011 12:03:16 PM	0.3836 V/m	0.3682 V/m	0.3524 V/m
715	10/14/2011 12:03:26 PM	0.3713 V/m	0.3587 V/m	0.3429 V/m
716	10/14/2011 12:03:36 PM	0.3653 V/m	0.3545 V/m	0.3437 V/m
717	10/14/2011 12:03:46 PM	0.3778 V/m	0.3600 V/m	0.3437 V/m
718	10/14/2011 12:03:56 PM	0.3822 V/m	0.3720 V/m	0.3593 V/m
719	10/14/2011 12:04:06 PM	0.3822 V/m	0.3622 V/m	0.3429 V/m
720	10/14/2011 12:04:16 PM	0.3653 V/m	0.3539 V/m	0.3357 V/m

## Graph



## Parameters

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Number of Sub Indices	720
Storing Date	10/14/2011
Storing Time	10:04:16 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 południowym



Fot.2. Rejon badań, widok w kierunku południowym



Fot.3. Rejon badań, widok w kierunku zachodnim



Fot.4. Urządzenie pomiarowe w trakcie prowadzonego badania



## BĘDZIN

*Oznaczenia:*

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

**Ryc. Szkic sytuacyjny rejonu badań.**