Wojewódzki Inspektorat Ochrony Środowiska w Katowicach
Pracownia Analiz Manualnych, Instrumentalnych, Hydrobiologicznych, Mikrobiologicznych oraz Pomiarów Terenowych i Pobierania Próbek w Bielsku-Białej
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SPRAWOZDANIE Z MONITORINGOWEGO POMIARU PÓL ELEKTROMAGNETYCZNYCH nr: 495/2012

Instalacja: Stacja bazowa nr: BIE2003A Szczyrk, BT22145;

Miejsce pomiarów: P-1, Szczyrk, ul. Orla;

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

Data oraz godzina wykonania pomiarów: 08.08.2012, godzina 10:00-12:00;

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, położonej w północnej części miasta Szczyrk, w rozumieniu wytycznych Rozporządzenia Ministra Środowiska z dnia 12 listopada 2007 r. (Dz. U. Nr 221, Poz. 1645), w ramach programu Państwowego Monitoringu Środowiska 2012 rok.

3. TEREN BADAŃ

Punkt pomiarowy P-1 poziomów pól elektromagnetycznych w środowisku zlokalizowano na terenie zabudowy mieszkaniowej przy ul. Orlej w granicach administracyjnych miasta Szczyrk. Zgodnie z obowiązującym Rozporządzeniem wysokość posadowienia sondy pomiarowej wyniosła h: 2 m n.p.t. W sąsiedztwie punktu pomiarowego P-1, zagospodarowanie terenu stanowi luźna zabudowa mieszkalna jednorodzinna oraz obiekty związane z bazą hotelowo-noclegową. Najbliższy względem punktu pomiarowego obiekt budowlany – dwukondygnacyjny budynek hotelu „Orle Gniazdo" przy ul. Orlej, znajduje się w kierunku północno-zachodnim w odległości 57 m. Najbliższa względem punktu P-1 zabudowa mieszkalna jednorodzinna znajduje się w kierunku południowym w odległości 89 m. Bezpośrednio w kierunku zachodnim punkt pomiarowy sąsiaduje z terenem niezagospodarowanym częściowo zalesionym.
W promieniu d $\leq$ 300 m od punktu pomiarowego zlokalizowano 2 instalacje radiokomunikacyjne, emitujące pola elektromagnetyczne do środowiska – stacje bazowe telefonii komórkowej.

Klasyfikacja rodzaju terenu wg wytycznych przedmiotowego Rozporządzenia:

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

Nomenklatura jednostki terytorialnej (NTS):

Szczyrk 5.2.24.44.02.01.1

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

N 49°43'17.3"
E 19°01'30.8";

Wysokość lokalizacji punktu pomiarowego:

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

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

l = 89 [m] - od elewacji budynku mieszkalnego jednorodzinnego przy ul. Wczasowej

Lokalizacja punktu pomiarowego – parking przed hotelem „Orle Gniazdo".

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 anemometru Kestrel 4500.
Szczegółowe dane identyfikacyjne przyrządów przedstawiono w tabeli 1:

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: KESTREL 4500
S. no.: 598799
Producent: Nielsen-Kellerman</td></tr>
<tr><td rowspan="3">Data i czasokres pomiarów</td><td rowspan="3">08-08-2012 r.
10:00:32–12:00:32</td><td colspan="2">Wyniki pomiarów:</td></tr>
<tr><td>T [°C]</td><td>23,0 – 25,2</td></tr>
<tr><td>RH [%]</td><td>42,0 – 43,0</td></tr>
<tr><td>Częstotliwość próbkowania</td><td>f: 10 sec.</td><td colspan="2">UWAGI:
Zachmurzenie częściowe;
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;

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 105 m od punktu pomiarowego P-1, w kierunku północno-zachodnim, znajduje się obiekt hotelowy, na dachu którego zainstalowano anteny nadawczo-odbiorcze stacji bazowych telefonii komórkowej, administrowanych przez P4 Sp. z o.o. oraz POLKOMTEL S.A. W tabelach 2 i 3 przedstawiono wyspecyfikowane parametry instalacji, zebrane na podstawie materiałów uzyskanych od operatorów instalacji.

Tabela 2

Zarządzający instalacją:
P4 Sp. z o.o.
ul. Taśmowa 7
02-677 Warszawa

Nazwa instalacji wg nomenklatury użytkownika:
Stacja bazowa nr: BIE2003A Szczyrk

Lokalizacja:
Dach hotelu przy ul. Wczasowej 28A

Lp.	Azymut [°]	Typ anteny	Pasmo (system) pracy [MHz]	Wysokość zawieszenia H [m] n.p.t.	EIRP $_{max}$ [W]
1.	115	Antena sektorowa K 800 10304 / K 742 211	900 (GSM) 2100 (UMTS)	17,10 17,60	1419 574
2.	210	Antena sektorowa K 800 10304 / K 742 211	900 (GSM) 2100 (UMTS)	17,10 17,60	1419 609
3.	270	Antena sektorowa K 742 218	2100 (UMTS)	17,30	1699
4.	310	Antena sektorowa K 800 10304	900 (GSM)	17,10	1419
5.	340	Antena sektorowa K 742 215	2100 (UMTS)	17,30	1029

EIRP $_{max}$, łącznie ze wszystkich anten SEKTOROWYCH przedmiotowej instalacji: **8 168** [W].

Objaśnienia:

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

Tabela 3

<u>Zarządzający instalacją</u>:
POLKOMTEL S.A.
ul. Postępu 3
02-676 Warszawa

<u>Nazwa instalacji wg nomenklatury użytkownika:</u>
Stacja bazowa nr: BT22145

<u>Lokalizacja:</u>
Dach hotelu przy ul. Wczasowej 28A

Lp.	**Azymut [°]**	**Typ anteny**	**Pasmo (system) pracy [MHz]**	**Wysokość zawieszenia H [m] n.p.t.**	**EIRP $_{max}$ [W]**
1.	90	Antena sektorowa XM 68-8-4	900 (GSM)	38,2	1902
2.	100	Antena sektorowa K 742211	2100 (UMTS)	37,3	1318
3.	200	Anteny sektorowe XM 68-8-2/ K 742211	900 (GSM) 2100 (UMTS)	38,2 37,3	1902 1318
4.	270	Antena sektorowa K 742211	2100 (UMTS)	37,3	1318
5.	280	Antena sektorowa XM 68-8-2	900 (GSM)	38,2	1289

EIRP $_{max}$, łącznie ze wszystkich anten SEKTOROWYCH przedmiotowej instalacji: **9 047** [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 4

Lp.	Punkt pomiarowy poziomów pól elektromagnetycznych w środowisku	Natężenie pola elektrycznego E **) [V/m]	Niepewność pomiaru $U_{E\ 0,95}$ [dB]
1.	P-1 ul. Orla Miasto – Szczyrk	0,71	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:		
Pomiary i sprawozdanie wykonał:	**Sprawozdanie autoryzował:**	**Zatwierdził:**
……..	…….....	…….....

Załącznik nr 1 do Sprawozdania z badań nr 495/2012

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. Orla, Miasto – Szczyrk, Powiat - bielski, województwo śląskie	Latitude: 49°43'17.3" N Longitude: 19°1'30.8" E

Comment
Pomiary poziomów pól elektromagnetycznych 100 kHz - 3 GHz (składowej elektrycznej E) w środowisku; 08.08.2012 r., Szczyrk, 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 2012 rok

Measured Values

Zoomed

Timer: Start Time 10:00:32 AM, Period 2h 0' 0", Interval 10s

Index	Date/Time	Zero	Max (E-Field)	Avg (E-Field)	Min (E-Field)
1	08/08/2012 10:00:42 AM		0.8592 V/m	0.7903 V/m	0.6973 V/m
2	08/08/2012 10:00:52 AM		0.8424 V/m	0.7843 V/m	0.7380 V/m
3	08/08/2012 10:01:02 AM		0.8528 V/m	0.7558 V/m	0.7026 V/m
4	08/08/2012 10:01:12 AM		0.8547 V/m	0.7895 V/m	0.7268 V/m
5	08/08/2012 10:01:22 AM		0.8003 V/m	0.7538 V/m	0.7313 V/m
6	08/08/2012 10:01:32 AM		0.8276 V/m	0.7396 V/m	0.6277 V/m
7	08/08/2012 10:01:42 AM		0.8246 V/m	0.7531 V/m	0.6377 V/m
8	08/08/2012 10:01:52 AM		0.8099 V/m	0.7395 V/m	0.6691 V/m
9	08/08/2012 10:02:02 AM		0.6768 V/m	0.6573 V/m	0.6364 V/m
10	08/08/2012 10:02:12 AM		0.8652 V/m	0.7147 V/m	0.6211 V/m
11	08/08/2012 10:02:22 AM		0.8489 V/m	0.7756 V/m	0.6637 V/m
12	08/08/2012 10:02:32 AM		0.7742 V/m	0.6614 V/m	0.6185 V/m
13	08/08/2012 10:02:42 AM		0.7643 V/m	0.6481 V/m	0.6163 V/m
14	08/08/2012 10:02:52 AM		0.8160 V/m	0.6999 V/m	0.6338 V/m
15	08/08/2012 10:03:02 AM		0.7614 V/m	0.6608 V/m	0.6260 V/m
16	08/08/2012 10:03:12 AM		0.8038 V/m	0.7192 V/m	0.6407 V/m
17	08/08/2012 10:03:22 AM		0.7837 V/m	0.6893 V/m	0.6333 V/m
18	08/08/2012 10:03:32 AM		0.7914 V/m	0.6893 V/m	0.6198 V/m
19	08/08/2012 10:03:42 AM		0.6893 V/m	0.6605 V/m	0.6398 V/m
20	08/08/2012 10:03:52 AM		0.6813 V/m	0.6574 V/m	0.6385 V/m
21	08/08/2012 10:04:02 AM		0.7042 V/m	0.6641 V/m	0.6207 V/m
22	08/08/2012 10:04:12 AM		0.6670 V/m	0.6386 V/m	0.6180 V/m
23	08/08/2012 10:04:22 AM		0.8263 V/m	0.7242 V/m	0.6312 V/m
24	08/08/2012 10:04:32 AM		0.8122 V/m	0.7579 V/m	0.7234 V/m
25	08/08/2012 10:04:42 AM		0.8007 V/m	0.7103 V/m	0.6402 V/m
26	08/08/2012 10:04:52 AM		0.8095 V/m	0.7100 V/m	0.6268 V/m
27	08/08/2012 10:05:02 AM		0.8102 V/m	0.7255 V/m	0.6394 V/m
28	08/08/2012 10:05:12 AM		0.7955 V/m	0.7014 V/m	0.6351 V/m
29	08/08/2012 10:05:22 AM		0.7802 V/m	0.6753 V/m	0.6381 V/m
30	08/08/2012 10:05:32 AM		0.7391 V/m	0.6652 V/m	0.6220 V/m
31	08/08/2012 10:05:42 AM		0.7993 V/m	0.6849 V/m	0.6294 V/m
32	08/08/2012 10:05:52 AM		0.8183 V/m	0.7230 V/m	0.6592 V/m
33	08/08/2012 10:06:02 AM		0.8055 V/m	0.6904 V/m	0.6436 V/m
34	08/08/2012 10:06:12 AM		0.8299 V/m	0.7049 V/m	0.6483 V/m
35	08/08/2012 10:06:22 AM		0.7893 V/m	0.7084 V/m	0.6303 V/m
36	08/08/2012 10:06:32 AM		0.8153 V/m	0.6810 V/m	0.6364 V/m
37	08/08/2012 10:06:42 AM		0.8411 V/m	0.7403 V/m	0.6633 V/m
38	08/08/2012 10:06:52 AM		0.8038 V/m	0.7156 V/m	0.6550 V/m
39	08/08/2012 10:07:02 AM		0.7844 V/m	0.6979 V/m	0.6525 V/m
40	08/08/2012 10:07:12 AM		0.8170 V/m	0.7038 V/m	0.6563 V/m
41	08/08/2012 10:07:22 AM		0.8170 V/m	0.7008 V/m	0.6679 V/m
42	08/08/2012 10:07:32 AM		0.8000 V/m	0.7258 V/m	0.6264 V/m
43	08/08/2012 10:07:42 AM		0.8352 V/m	0.7266 V/m	0.6508 V/m
44	08/08/2012 10:07:52 AM		0.7757 V/m	0.6961 V/m	0.6273 V/m
45	08/08/2012 10:08:02 AM		0.7639 V/m	0.6995 V/m	0.6424 V/m
46	08/08/2012 10:08:12 AM		0.8276 V/m	0.7131 V/m	0.6359 V/m
47	08/08/2012 10:08:22 AM		0.7406 V/m	0.6556 V/m	0.6113 V/m
48	08/08/2012 10:08:32 AM		0.7354 V/m	0.6739 V/m	0.6312 V/m

49	08/08/2012 10:08:42 AM	0.8085 V/m	0.7238 V/m	0.6346 V/m
50	08/08/2012 10:08:52 AM	0.8021 V/m	0.6982 V/m	0.6355 V/m
51	08/08/2012 10:09:02 AM	0.8434 V/m	0.7483 V/m	0.6588 V/m
52	08/08/2012 10:09:12 AM	0.7753 V/m	0.6764 V/m	0.6229 V/m
53	08/08/2012 10:09:22 AM	0.7962 V/m	0.6757 V/m	0.6233 V/m
54	08/08/2012 10:09:32 AM	0.7844 V/m	0.7026 V/m	0.6491 V/m
55	08/08/2012 10:09:42 AM	0.7897 V/m	0.7100 V/m	0.6466 V/m
56	08/08/2012 10:09:52 AM	0.7886 V/m	0.7033 V/m	0.6538 V/m
57	08/08/2012 10:10:02 AM	0.8372 V/m	0.7532 V/m	0.6873 V/m
58	08/08/2012 10:10:12 AM	0.7976 V/m	0.7386 V/m	0.6784 V/m
59	08/08/2012 10:10:22 AM	0.8893 V/m	0.8114 V/m	0.7154 V/m
60	08/08/2012 10:10:32 AM	0.8440 V/m	0.7563 V/m	0.6650 V/m
61	08/08/2012 10:10:42 AM	0.8483 V/m	0.7568 V/m	0.6662 V/m
62	08/08/2012 10:10:52 AM	0.8611 V/m	0.8068 V/m	0.6885 V/m
63	08/08/2012 10:11:02 AM	0.8784 V/m	0.8263 V/m	0.6744 V/m
64	08/08/2012 10:11:12 AM	0.8483 V/m	0.7251 V/m	0.6600 V/m
65	08/08/2012 10:11:22 AM	0.7728 V/m	0.6897 V/m	0.6419 V/m
66	08/08/2012 10:11:32 AM	0.8007 V/m	0.7380 V/m	0.6185 V/m
67	08/08/2012 10:11:42 AM	0.7483 V/m	0.6714 V/m	0.6312 V/m
68	08/08/2012 10:11:52 AM	0.8017 V/m	0.7450 V/m	0.6571 V/m
69	08/08/2012 10:12:02 AM	0.7343 V/m	0.6752 V/m	0.6436 V/m
70	08/08/2012 10:12:12 AM	0.7948 V/m	0.6646 V/m	0.6325 V/m
71	08/08/2012 10:12:22 AM	0.8329 V/m	0.7250 V/m	0.6385 V/m
72	08/08/2012 10:12:32 AM	0.7154 V/m	0.6808 V/m	0.6592 V/m
73	08/08/2012 10:12:42 AM	0.8273 V/m	0.7018 V/m	0.6521 V/m
74	08/08/2012 10:12:52 AM	0.8156 V/m	0.7192 V/m	0.6538 V/m
75	08/08/2012 10:13:02 AM	0.8133 V/m	0.6812 V/m	0.6162 V/m
76	08/08/2012 10:13:12 AM	0.7226 V/m	0.6603 V/m	0.6307 V/m
77	08/08/2012 10:13:22 AM	0.7879 V/m	0.6774 V/m	0.6273 V/m
78	08/08/2012 10:13:32 AM	0.8065 V/m	0.6488 V/m	0.6127 V/m
79	08/08/2012 10:13:42 AM	0.6900 V/m	0.6527 V/m	0.6307 V/m
80	08/08/2012 10:13:52 AM	0.7275 V/m	0.6509 V/m	0.6272 V/m
81	08/08/2012 10:14:02 AM	0.7799 V/m	0.7072 V/m	0.6242 V/m
82	08/08/2012 10:14:12 AM	0.7399 V/m	0.6864 V/m	0.6466 V/m
83	08/08/2012 10:14:22 AM	0.8592 V/m	0.7008 V/m	0.6508 V/m
84	08/08/2012 10:14:32 AM	0.8633 V/m	0.8110 V/m	0.6800 V/m
85	08/08/2012 10:14:42 AM	0.8560 V/m	0.7853 V/m	0.6873 V/m
86	08/08/2012 10:14:52 AM	0.7443 V/m	0.7003 V/m	0.6487 V/m
87	08/08/2012 10:15:02 AM	0.8715 V/m	0.7130 V/m	0.6744 V/m
88	08/08/2012 10:15:12 AM	0.8216 V/m	0.7113 V/m	0.6567 V/m
89	08/08/2012 10:15:22 AM	0.7945 V/m	0.6958 V/m	0.6389 V/m
90	08/08/2012 10:15:32 AM	0.7628 V/m	0.6795 V/m	0.6355 V/m
91	08/08/2012 10:15:42 AM	0.7203 V/m	0.6784 V/m	0.6445 V/m
92	08/08/2012 10:15:52 AM	0.7520 V/m	0.6968 V/m	0.6596 V/m
93	08/08/2012 10:16:02 AM	0.7993 V/m	0.7363 V/m	0.6608 V/m
94	08/08/2012 10:16:12 AM	0.7983 V/m	0.6882 V/m	0.6158 V/m
95	08/08/2012 10:16:22 AM	0.8276 V/m	0.6911 V/m	0.6290 V/m
96	08/08/2012 10:16:32 AM	0.8479 V/m	0.7186 V/m	0.6436 V/m
97	08/08/2012 10:16:42 AM	0.8687 V/m	0.8184 V/m	0.6952 V/m
98	08/08/2012 10:16:52 AM	0.8176 V/m	0.7032 V/m	0.6500 V/m
99	08/08/2012 10:17:02 AM	0.7707 V/m	0.6683 V/m	0.6385 V/m
100	08/08/2012 10:17:12 AM	0.7907 V/m	0.7203 V/m	0.6496 V/m
101	08/08/2012 10:17:22 AM	0.8149 V/m	0.7446 V/m	0.6338 V/m
102	08/08/2012 10:17:32 AM	0.7413 V/m	0.6582 V/m	0.6299 V/m
103	08/08/2012 10:17:42 AM	0.7354 V/m	0.6675 V/m	0.6294 V/m

104	08/08/2012 10:17:52 AM	0.8709 V/m	0.7190 V/m	0.6449 V/m
105	08/08/2012 10:18:02 AM	0.8136 V/m	0.7539 V/m	0.6764 V/m
106	08/08/2012 10:18:12 AM	0.7545 V/m	0.6744 V/m	0.6432 V/m
107	08/08/2012 10:18:22 AM	0.8460 V/m	0.6935 V/m	0.6487 V/m
108	08/08/2012 10:18:32 AM	0.8450 V/m	0.7207 V/m	0.6312 V/m
109	08/08/2012 10:18:42 AM	0.7365 V/m	0.7052 V/m	0.6752 V/m
110	08/08/2012 10:18:52 AM	0.7165 V/m	0.6818 V/m	0.6449 V/m
111	08/08/2012 10:19:02 AM	0.8988 V/m	0.7237 V/m	0.6629 V/m
112	08/08/2012 10:19:12 AM	0.7582 V/m	0.7024 V/m	0.6546 V/m
113	08/08/2012 10:19:22 AM	0.7653 V/m	0.7096 V/m	0.6748 V/m
114	08/08/2012 10:19:32 AM	0.7728 V/m	0.6987 V/m	0.6596 V/m
115	08/08/2012 10:19:42 AM	0.6900 V/m	0.6673 V/m	0.6487 V/m
116	08/08/2012 10:19:52 AM	0.7165 V/m	0.6765 V/m	0.6508 V/m
117	08/08/2012 10:20:02 AM	0.8731 V/m	0.7280 V/m	0.6508 V/m
118	08/08/2012 10:20:12 AM	0.8942 V/m	0.8050 V/m	0.6788 V/m
119	08/08/2012 10:20:22 AM	0.7897 V/m	0.7177 V/m	0.6538 V/m
120	08/08/2012 10:20:32 AM	0.7469 V/m	0.6961 V/m	0.6637 V/m
121	08/08/2012 10:20:42 AM	0.7112 V/m	0.6685 V/m	0.6342 V/m
122	08/08/2012 10:20:52 AM	0.7215 V/m	0.6795 V/m	0.6432 V/m
123	08/08/2012 10:21:02 AM	0.8877 V/m	0.7601 V/m	0.6571 V/m
124	08/08/2012 10:21:12 AM	0.8784 V/m	0.7634 V/m	0.6512 V/m
125	08/08/2012 10:21:22 AM	0.7361 V/m	0.6796 V/m	0.6359 V/m
126	08/08/2012 10:21:32 AM	0.8072 V/m	0.6888 V/m	0.6554 V/m
127	08/08/2012 10:21:42 AM	0.8266 V/m	0.6975 V/m	0.6470 V/m
128	08/08/2012 10:21:52 AM	0.7108 V/m	0.6746 V/m	0.6479 V/m
129	08/08/2012 10:22:02 AM	0.7410 V/m	0.6707 V/m	0.6320 V/m
130	08/08/2012 10:22:12 AM	0.7003 V/m	0.6590 V/m	0.6233 V/m
131	08/08/2012 10:22:22 AM	0.6888 V/m	0.6573 V/m	0.6272 V/m
132	08/08/2012 10:22:32 AM	0.6724 V/m	0.6387 V/m	0.6127 V/m
133	08/08/2012 10:22:42 AM	0.6980 V/m	0.6654 V/m	0.6364 V/m
134	08/08/2012 10:22:52 AM	0.7746 V/m	0.6873 V/m	0.6441 V/m
135	08/08/2012 10:23:02 AM	0.9178 V/m	0.7657 V/m	0.6571 V/m
136	08/08/2012 10:23:12 AM	0.7069 V/m	0.6741 V/m	0.6525 V/m
137	08/08/2012 10:23:22 AM	0.7069 V/m	0.6718 V/m	0.6508 V/m
138	08/08/2012 10:23:32 AM	0.7373 V/m	0.6628 V/m	0.6237 V/m
139	08/08/2012 10:23:42 AM	0.6662 V/m	0.6389 V/m	0.6059 V/m
140	08/08/2012 10:23:52 AM	0.6983 V/m	0.6568 V/m	0.6342 V/m
141	08/08/2012 10:24:02 AM	0.6952 V/m	0.6634 V/m	0.6389 V/m
142	08/08/2012 10:24:12 AM	0.7827 V/m	0.6621 V/m	0.6229 V/m
143	08/08/2012 10:24:22 AM	0.7582 V/m	0.6422 V/m	0.6018 V/m
144	08/08/2012 10:24:32 AM	0.6849 V/m	0.6613 V/m	0.6312 V/m
145	08/08/2012 10:24:42 AM	0.7203 V/m	0.6517 V/m	0.6299 V/m
146	08/08/2012 10:24:52 AM	0.7802 V/m	0.6707 V/m	0.6100 V/m
147	08/08/2012 10:25:02 AM	0.6940 V/m	0.6359 V/m	0.6082 V/m
148	08/08/2012 10:25:12 AM	0.7589 V/m	0.7026 V/m	0.6320 V/m
149	08/08/2012 10:25:22 AM	0.8499 V/m	0.7475 V/m	0.6728 V/m
150	08/08/2012 10:25:32 AM	0.8342 V/m	0.7143 V/m	0.6554 V/m
151	08/08/2012 10:25:42 AM	0.6865 V/m	0.6597 V/m	0.6372 V/m
152	08/08/2012 10:25:52 AM	0.7249 V/m	0.6567 V/m	0.6189 V/m
153	08/08/2012 10:26:02 AM	0.7823 V/m	0.6599 V/m	0.6242 V/m
154	08/08/2012 10:26:12 AM	0.8319 V/m	0.6847 V/m	0.6453 V/m
155	08/08/2012 10:26:22 AM	0.7498 V/m	0.6763 V/m	0.6470 V/m
156	08/08/2012 10:26:32 AM	0.6987 V/m	0.6753 V/m	0.6432 V/m
157	08/08/2012 10:26:42 AM	0.7142 V/m	0.6635 V/m	0.6277 V/m
158	08/08/2012 10:26:52 AM	0.8286 V/m	0.6908 V/m	0.6312 V/m

159	08/08/2012 10:27:02 AM	0.8541 V/m	0.7403 V/m	0.6299 V/m
160	08/08/2012 10:27:12 AM	0.8560 V/m	0.7088 V/m	0.6466 V/m
161	08/08/2012 10:27:22 AM	0.7275 V/m	0.6807 V/m	0.6389 V/m
162	08/08/2012 10:27:32 AM	0.7054 V/m	0.6722 V/m	0.6338 V/m
163	08/08/2012 10:27:42 AM	0.7238 V/m	0.6822 V/m	0.6496 V/m
164	08/08/2012 10:27:52 AM	0.7069 V/m	0.6744 V/m	0.6398 V/m
165	08/08/2012 10:28:02 AM	0.7169 V/m	0.6689 V/m	0.6272 V/m
166	08/08/2012 10:28:12 AM	0.7732 V/m	0.6671 V/m	0.6193 V/m
167	08/08/2012 10:28:22 AM	0.7200 V/m	0.6838 V/m	0.6487 V/m
168	08/08/2012 10:28:32 AM	0.7211 V/m	0.6728 V/m	0.6376 V/m
169	08/08/2012 10:28:42 AM	0.6912 V/m	0.6632 V/m	0.6372 V/m
170	08/08/2012 10:28:52 AM	0.6821 V/m	0.6544 V/m	0.6316 V/m
171	08/08/2012 10:29:02 AM	0.8614 V/m	0.7278 V/m	0.6398 V/m
172	08/08/2012 10:29:12 AM	0.7549 V/m	0.6797 V/m	0.6394 V/m
173	08/08/2012 10:29:22 AM	0.7211 V/m	0.6544 V/m	0.6198 V/m
174	08/08/2012 10:29:32 AM	0.7249 V/m	0.6654 V/m	0.6246 V/m
175	08/08/2012 10:29:42 AM	0.6983 V/m	0.6591 V/m	0.6359 V/m
176	08/08/2012 10:29:52 AM	0.8457 V/m	0.6869 V/m	0.6118 V/m
177	08/08/2012 10:30:02 AM	0.7380 V/m	0.6643 V/m	0.6277 V/m
178	08/08/2012 10:30:12 AM	0.6904 V/m	0.6373 V/m	0.6095 V/m
179	08/08/2012 10:30:22 AM	0.7897 V/m	0.6733 V/m	0.6136 V/m
180	08/08/2012 10:30:32 AM	0.6579 V/m	0.6331 V/m	0.6100 V/m
181	08/08/2012 10:30:42 AM	0.8000 V/m	0.6699 V/m	0.6320 V/m
182	08/08/2012 10:30:52 AM	0.7935 V/m	0.6742 V/m	0.6351 V/m
183	08/08/2012 10:31:02 AM	0.7015 V/m	0.6684 V/m	0.6320 V/m
184	08/08/2012 10:31:12 AM	0.8303 V/m	0.7373 V/m	0.6658 V/m
185	08/08/2012 10:31:22 AM	0.7997 V/m	0.6824 V/m	0.6483 V/m
186	08/08/2012 10:31:32 AM	0.8296 V/m	0.6912 V/m	0.6372 V/m
187	08/08/2012 10:31:42 AM	0.8401 V/m	0.7142 V/m	0.6312 V/m
188	08/08/2012 10:31:52 AM	0.7015 V/m	0.6705 V/m	0.6385 V/m
189	08/08/2012 10:32:02 AM	0.7966 V/m	0.6600 V/m	0.6216 V/m
190	08/08/2012 10:32:12 AM	0.7618 V/m	0.6660 V/m	0.6259 V/m
191	08/08/2012 10:32:22 AM	0.6971 V/m	0.6616 V/m	0.6131 V/m
192	08/08/2012 10:32:32 AM	0.7034 V/m	0.6489 V/m	0.6158 V/m
193	08/08/2012 10:32:42 AM	0.6991 V/m	0.6563 V/m	0.6281 V/m
194	08/08/2012 10:32:52 AM	0.8499 V/m	0.7681 V/m	0.6584 V/m
195	08/08/2012 10:33:02 AM	0.8316 V/m	0.7544 V/m	0.6740 V/m
196	08/08/2012 10:33:12 AM	0.8096 V/m	0.7182 V/m	0.6554 V/m
197	08/08/2012 10:33:22 AM	0.7711 V/m	0.6833 V/m	0.6470 V/m
198	08/08/2012 10:33:32 AM	0.7328 V/m	0.6851 V/m	0.6613 V/m
199	08/08/2012 10:33:42 AM	0.7100 V/m	0.6808 V/m	0.6608 V/m
200	08/08/2012 10:33:52 AM	0.6940 V/m	0.6561 V/m	0.6264 V/m
201	08/08/2012 10:34:02 AM	0.7026 V/m	0.6579 V/m	0.6082 V/m
202	08/08/2012 10:34:12 AM	0.7454 V/m	0.6669 V/m	0.6359 V/m
203	08/08/2012 10:34:22 AM	0.6604 V/m	0.6370 V/m	0.6158 V/m
204	08/08/2012 10:34:32 AM	0.7026 V/m	0.6434 V/m	0.6095 V/m
205	08/08/2012 10:34:42 AM	0.6670 V/m	0.6371 V/m	0.6127 V/m
206	08/08/2012 10:34:52 AM	0.6385 V/m	0.6162 V/m	0.5968 V/m
207	08/08/2012 10:35:02 AM	0.7813 V/m	0.6859 V/m	0.6041 V/m
208	08/08/2012 10:35:12 AM	0.7879 V/m	0.6894 V/m	0.6294 V/m
209	08/08/2012 10:35:22 AM	0.6825 V/m	0.6398 V/m	0.6064 V/m
210	08/08/2012 10:35:32 AM	0.7369 V/m	0.6808 V/m	0.6633 V/m
211	08/08/2012 10:35:42 AM	0.7469 V/m	0.6668 V/m	0.6281 V/m
212	08/08/2012 10:35:52 AM	0.6670 V/m	0.6262 V/m	0.5885 V/m
213	08/08/2012 10:36:02 AM	0.6600 V/m	0.6208 V/m	0.5805 V/m

214	08/08/2012 10:36:12 AM	0.6776 V/m	0.6415 V/m	0.6185 V/m
215	08/08/2012 10:36:22 AM	0.8541 V/m	0.6834 V/m	0.6224 V/m
216	08/08/2012 10:36:32 AM	0.6865 V/m	0.6618 V/m	0.6316 V/m
217	08/08/2012 10:36:42 AM	0.8230 V/m	0.6784 V/m	0.6264 V/m
218	08/08/2012 10:36:52 AM	0.6821 V/m	0.6506 V/m	0.6220 V/m
219	08/08/2012 10:37:02 AM	0.7249 V/m	0.6722 V/m	0.6415 V/m
220	08/08/2012 10:37:12 AM	0.8233 V/m	0.6743 V/m	0.6131 V/m
221	08/08/2012 10:37:22 AM	0.8473 V/m	0.7363 V/m	0.6542 V/m
222	08/08/2012 10:37:32 AM	0.7272 V/m	0.6828 V/m	0.6491 V/m
223	08/08/2012 10:37:42 AM	0.7410 V/m	0.6932 V/m	0.6571 V/m
224	08/08/2012 10:37:52 AM	0.7556 V/m	0.7087 V/m	0.6145 V/m
225	08/08/2012 10:38:02 AM	0.8143 V/m	0.6757 V/m	0.6158 V/m
226	08/08/2012 10:38:12 AM	0.7050 V/m	0.6543 V/m	0.6303 V/m
227	08/08/2012 10:38:22 AM	0.8460 V/m	0.7208 V/m	0.6428 V/m
228	08/08/2012 10:38:32 AM	0.7391 V/m	0.6886 V/m	0.6546 V/m
229	08/08/2012 10:38:42 AM	0.7238 V/m	0.6745 V/m	0.6504 V/m
230	08/08/2012 10:38:52 AM	0.8316 V/m	0.7110 V/m	0.6381 V/m
231	08/08/2012 10:39:02 AM	0.7219 V/m	0.6546 V/m	0.6229 V/m
232	08/08/2012 10:39:12 AM	0.6817 V/m	0.6524 V/m	0.6303 V/m
233	08/08/2012 10:39:22 AM	0.8048 V/m	0.6807 V/m	0.6259 V/m
234	08/08/2012 10:39:32 AM	0.8156 V/m	0.7545 V/m	0.6415 V/m
235	08/08/2012 10:39:42 AM	0.8375 V/m	0.8070 V/m	0.7848 V/m
236	08/08/2012 10:39:52 AM	0.8099 V/m	0.7351 V/m	0.6202 V/m
237	08/08/2012 10:40:02 AM	0.8266 V/m	0.7646 V/m	0.6625 V/m
238	08/08/2012 10:40:12 AM	0.7921 V/m	0.6860 V/m	0.6273 V/m
239	08/08/2012 10:40:22 AM	0.7750 V/m	0.6849 V/m	0.6312 V/m
240	08/08/2012 10:40:32 AM	0.7858 V/m	0.6849 V/m	0.6220 V/m
241	08/08/2012 10:40:42 AM	0.8230 V/m	0.7189 V/m	0.6342 V/m
242	08/08/2012 10:40:52 AM	0.7703 V/m	0.6841 V/m	0.6325 V/m
243	08/08/2012 10:41:02 AM	0.7203 V/m	0.6702 V/m	0.6299 V/m
244	08/08/2012 10:41:12 AM	0.7498 V/m	0.6736 V/m	0.6216 V/m
245	08/08/2012 10:41:22 AM	0.7294 V/m	0.6764 V/m	0.6273 V/m
246	08/08/2012 10:41:32 AM	0.7675 V/m	0.6859 V/m	0.6211 V/m
247	08/08/2012 10:41:42 AM	0.7494 V/m	0.6841 V/m	0.6428 V/m
248	08/08/2012 10:41:52 AM	0.8213 V/m	0.7008 V/m	0.6424 V/m
249	08/08/2012 10:42:02 AM	0.7865 V/m	0.7012 V/m	0.6458 V/m
250	08/08/2012 10:42:12 AM	0.7774 V/m	0.6923 V/m	0.6290 V/m
251	08/08/2012 10:42:22 AM	0.7917 V/m	0.6949 V/m	0.6180 V/m
252	08/08/2012 10:42:32 AM	0.7813 V/m	0.7013 V/m	0.6307 V/m
253	08/08/2012 10:42:42 AM	0.8106 V/m	0.7272 V/m	0.6500 V/m
254	08/08/2012 10:42:52 AM	0.8382 V/m	0.7690 V/m	0.6617 V/m
255	08/08/2012 10:43:02 AM	0.8266 V/m	0.7773 V/m	0.6674 V/m
256	08/08/2012 10:43:12 AM	0.8531 V/m	0.7982 V/m	0.7592 V/m
257	08/08/2012 10:43:22 AM	0.8369 V/m	0.7978 V/m	0.7625 V/m
258	08/08/2012 10:43:32 AM	0.8521 V/m	0.8030 V/m	0.7760 V/m
259	08/08/2012 10:43:42 AM	0.8470 V/m	0.7529 V/m	0.6180 V/m
260	08/08/2012 10:43:52 AM	0.8160 V/m	0.6925 V/m	0.6224 V/m
261	08/08/2012 10:44:02 AM	0.7582 V/m	0.6899 V/m	0.6436 V/m
262	08/08/2012 10:44:12 AM	0.7757 V/m	0.6936 V/m	0.6237 V/m
263	08/08/2012 10:44:22 AM	0.7527 V/m	0.6878 V/m	0.6290 V/m
264	08/08/2012 10:44:32 AM	0.7650 V/m	0.6888 V/m	0.6462 V/m
265	08/08/2012 10:44:42 AM	0.7924 V/m	0.6968 V/m	0.6368 V/m
266	08/08/2012 10:44:52 AM	0.7454 V/m	0.6673 V/m	0.6202 V/m
267	08/08/2012 10:45:02 AM	0.8220 V/m	0.6749 V/m	0.6294 V/m
268	08/08/2012 10:45:12 AM	0.7945 V/m	0.6744 V/m	0.6122 V/m

269	08/08/2012 10:45:22 AM	0.8109 V/m	0.6872 V/m	0.6207 V/m
270	08/08/2012 10:45:32 AM	0.7809 V/m	0.6920 V/m	0.6268 V/m
271	08/08/2012 10:45:42 AM	0.7483 V/m	0.6673 V/m	0.6140 V/m
272	08/08/2012 10:45:52 AM	0.7664 V/m	0.6909 V/m	0.6398 V/m
273	08/08/2012 10:46:02 AM	0.7897 V/m	0.6888 V/m	0.6215 V/m
274	08/08/2012 10:46:12 AM	0.7735 V/m	0.6629 V/m	0.6149 V/m
275	08/08/2012 10:46:22 AM	0.7771 V/m	0.6924 V/m	0.6251 V/m
276	08/08/2012 10:46:32 AM	0.7542 V/m	0.6832 V/m	0.6215 V/m
277	08/08/2012 10:46:42 AM	0.7845 V/m	0.6882 V/m	0.6381 V/m
278	08/08/2012 10:46:52 AM	0.7402 V/m	0.6651 V/m	0.6059 V/m
279	08/08/2012 10:47:02 AM	0.7542 V/m	0.6713 V/m	0.6136 V/m
280	08/08/2012 10:47:12 AM	0.7531 V/m	0.6754 V/m	0.6198 V/m
281	08/08/2012 10:47:22 AM	0.7302 V/m	0.6737 V/m	0.6290 V/m
282	08/08/2012 10:47:32 AM	0.8055 V/m	0.7045 V/m	0.6185 V/m
283	08/08/2012 10:47:42 AM	0.7505 V/m	0.6791 V/m	0.6215 V/m
284	08/08/2012 10:47:52 AM	0.7935 V/m	0.6910 V/m	0.6171 V/m
285	08/08/2012 10:48:02 AM	0.8051 V/m	0.7173 V/m	0.6189 V/m
286	08/08/2012 10:48:12 AM	0.8129 V/m	0.7772 V/m	0.6740 V/m
287	08/08/2012 10:48:22 AM	0.8492 V/m	0.7503 V/m	0.6732 V/m
288	08/08/2012 10:48:32 AM	0.8563 V/m	0.7666 V/m	0.6462 V/m
289	08/08/2012 10:48:42 AM	0.7809 V/m	0.6981 V/m	0.6312 V/m
290	08/08/2012 10:48:52 AM	0.7432 V/m	0.6682 V/m	0.5908 V/m
291	08/08/2012 10:49:02 AM	0.7347 V/m	0.6709 V/m	0.6091 V/m
292	08/08/2012 10:49:12 AM	0.7238 V/m	0.6485 V/m	0.6009 V/m
293	08/08/2012 10:49:22 AM	0.7531 V/m	0.6875 V/m	0.6251 V/m
294	08/08/2012 10:49:32 AM	0.7883 V/m	0.6923 V/m	0.6351 V/m
295	08/08/2012 10:49:42 AM	0.8153 V/m	0.7104 V/m	0.6364 V/m
296	08/08/2012 10:49:52 AM	0.7696 V/m	0.6885 V/m	0.6286 V/m
297	08/08/2012 10:50:02 AM	0.7938 V/m	0.7068 V/m	0.6224 V/m
298	08/08/2012 10:50:12 AM	0.8027 V/m	0.7219 V/m	0.6475 V/m
299	08/08/2012 10:50:22 AM	0.8213 V/m	0.7076 V/m	0.6466 V/m
300	08/08/2012 10:50:32 AM	0.8375 V/m	0.6904 V/m	0.6449 V/m
301	08/08/2012 10:50:42 AM	0.6892 V/m	0.6553 V/m	0.6233 V/m
302	08/08/2012 10:50:52 AM	0.7339 V/m	0.6608 V/m	0.6207 V/m
303	08/08/2012 10:51:02 AM	0.7527 V/m	0.6662 V/m	0.6329 V/m
304	08/08/2012 10:51:12 AM	0.8143 V/m	0.6906 V/m	0.6411 V/m
305	08/08/2012 10:51:22 AM	0.8075 V/m	0.7210 V/m	0.6224 V/m
306	08/08/2012 10:51:32 AM	0.6650 V/m	0.6451 V/m	0.6307 V/m
307	08/08/2012 10:51:42 AM	0.6715 V/m	0.6595 V/m	0.6385 V/m
308	08/08/2012 10:51:52 AM	0.6784 V/m	0.6485 V/m	0.6158 V/m
309	08/08/2012 10:52:02 AM	0.6650 V/m	0.6376 V/m	0.6176 V/m
310	08/08/2012 10:52:12 AM	0.6916 V/m	0.6585 V/m	0.6307 V/m
311	08/08/2012 10:52:22 AM	0.7226 V/m	0.6833 V/m	0.6571 V/m
312	08/08/2012 10:52:32 AM	0.7150 V/m	0.6608 V/m	0.6398 V/m
313	08/08/2012 10:52:42 AM	0.6884 V/m	0.6628 V/m	0.6272 V/m
314	08/08/2012 10:52:52 AM	0.7428 V/m	0.6872 V/m	0.6215 V/m
315	08/08/2012 10:53:02 AM	0.7395 V/m	0.6855 V/m	0.6525 V/m
316	08/08/2012 10:53:12 AM	0.7643 V/m	0.6717 V/m	0.6346 V/m
317	08/08/2012 10:53:22 AM	0.8004 V/m	0.7141 V/m	0.6406 V/m
318	08/08/2012 10:53:32 AM	0.8163 V/m	0.7195 V/m	0.5973 V/m
319	08/08/2012 10:53:42 AM	0.8479 V/m	0.8034 V/m	0.7549 V/m
320	08/08/2012 10:53:52 AM	0.8576 V/m	0.8386 V/m	0.8113 V/m
321	08/08/2012 10:54:02 AM	0.8781 V/m	0.8340 V/m	0.7962 V/m
322	08/08/2012 10:54:12 AM	0.8617 V/m	0.8288 V/m	0.7921 V/m
323	08/08/2012 10:54:22 AM	0.8803 V/m	0.8119 V/m	0.5871 V/m

324	08/08/2012 10:54:32 AM	0.8062 V/m	0.7517 V/m	0.6650 V/m
325	08/08/2012 10:54:42 AM	0.8197 V/m	0.7633 V/m	0.7211 V/m
326	08/08/2012 10:54:52 AM	0.7764 V/m	0.7240 V/m	0.7003 V/m
327	08/08/2012 10:55:02 AM	0.7100 V/m	0.6501 V/m	0.6122 V/m
328	08/08/2012 10:55:12 AM	0.8313 V/m	0.7018 V/m	0.6517 V/m
329	08/08/2012 10:55:22 AM	0.8659 V/m	0.7432 V/m	0.6629 V/m
330	08/08/2012 10:55:32 AM	0.8210 V/m	0.7191 V/m	0.6333 V/m
331	08/08/2012 10:55:42 AM	0.8756 V/m	0.7398 V/m	0.6394 V/m
332	08/08/2012 10:55:52 AM	0.8658 V/m	0.7422 V/m	0.6592 V/m
333	08/08/2012 10:56:02 AM	0.8671 V/m	0.8357 V/m	0.7976 V/m
334	08/08/2012 10:56:12 AM	0.8365 V/m	0.8134 V/m	0.7806 V/m
335	08/08/2012 10:56:22 AM	0.8273 V/m	0.7935 V/m	0.7088 V/m
336	08/08/2012 10:56:32 AM	0.8079 V/m	0.7119 V/m	0.6419 V/m
337	08/08/2012 10:56:42 AM	0.8508 V/m	0.7035 V/m	0.6140 V/m
338	08/08/2012 10:56:52 AM	0.7952 V/m	0.6950 V/m	0.6423 V/m
339	08/08/2012 10:57:02 AM	0.8220 V/m	0.7106 V/m	0.6359 V/m
340	08/08/2012 10:57:12 AM	0.8207 V/m	0.7234 V/m	0.6658 V/m
341	08/08/2012 10:57:22 AM	0.8741 V/m	0.7501 V/m	0.6646 V/m
342	08/08/2012 10:57:32 AM	0.8197 V/m	0.7128 V/m	0.6432 V/m
343	08/08/2012 10:57:42 AM	0.8256 V/m	0.7282 V/m	0.6312 V/m
344	08/08/2012 10:57:52 AM	0.8385 V/m	0.7533 V/m	0.6487 V/m
345	08/08/2012 10:58:02 AM	0.8363 V/m	0.7491 V/m	0.6756 V/m
346	08/08/2012 10:58:12 AM	0.9049 V/m	0.7646 V/m	0.6691 V/m
347	08/08/2012 10:58:22 AM	0.8270 V/m	0.7553 V/m	0.6711 V/m
348	08/08/2012 10:58:32 AM	0.8444 V/m	0.7373 V/m	0.6633 V/m
349	08/08/2012 10:58:42 AM	0.8722 V/m	0.7316 V/m	0.6483 V/m
350	08/08/2012 10:58:52 AM	0.8515 V/m	0.7354 V/m	0.6703 V/m
351	08/08/2012 10:59:02 AM	0.8560 V/m	0.7682 V/m	0.6538 V/m
352	08/08/2012 10:59:12 AM	0.8492 V/m	0.7318 V/m	0.6715 V/m
353	08/08/2012 10:59:22 AM	0.8096 V/m	0.7184 V/m	0.6666 V/m
354	08/08/2012 10:59:32 AM	0.8310 V/m	0.7132 V/m	0.6372 V/m
355	08/08/2012 10:59:42 AM	0.8260 V/m	0.7020 V/m	0.6277 V/m
356	08/08/2012 10:59:52 AM	0.8434 V/m	0.7105 V/m	0.6268 V/m
357	08/08/2012 11:00:02 AM	0.8466 V/m	0.7389 V/m	0.6428 V/m
358	08/08/2012 11:00:12 AM	0.8280 V/m	0.7371 V/m	0.6845 V/m
359	08/08/2012 11:00:22 AM	0.8528 V/m	0.7703 V/m	0.6853 V/m
360	08/08/2012 11:00:32 AM	0.8388 V/m	0.7863 V/m	0.6877 V/m
361	08/08/2012 11:00:42 AM	0.8405 V/m	0.8104 V/m	0.7447 V/m
362	08/08/2012 11:00:52 AM	0.8339 V/m	0.7786 V/m	0.6613 V/m
363	08/08/2012 11:01:02 AM	0.8246 V/m	0.7387 V/m	0.6812 V/m
364	08/08/2012 11:01:12 AM	0.8375 V/m	0.7719 V/m	0.6849 V/m
365	08/08/2012 11:01:22 AM	0.8385 V/m	0.8071 V/m	0.7689 V/m
366	08/08/2012 11:01:32 AM	0.8369 V/m	0.7814 V/m	0.6845 V/m
367	08/08/2012 11:01:42 AM	0.8643 V/m	0.7653 V/m	0.6853 V/m
368	08/08/2012 11:01:52 AM	0.8431 V/m	0.7393 V/m	0.6780 V/m
369	08/08/2012 11:02:02 AM	0.8299 V/m	0.7292 V/m	0.6768 V/m
370	08/08/2012 11:02:12 AM	0.7534 V/m	0.7065 V/m	0.6800 V/m
371	08/08/2012 11:02:22 AM	0.7421 V/m	0.7031 V/m	0.6453 V/m
372	08/08/2012 11:02:32 AM	0.7373 V/m	0.7049 V/m	0.6662 V/m
373	08/08/2012 11:02:42 AM	0.7735 V/m	0.7263 V/m	0.6944 V/m
374	08/08/2012 11:02:52 AM	0.7574 V/m	0.7066 V/m	0.6796 V/m
375	08/08/2012 11:03:02 AM	0.7911 V/m	0.7265 V/m	0.6683 V/m
376	08/08/2012 11:03:12 AM	0.8210 V/m	0.7291 V/m	0.6776 V/m
377	08/08/2012 11:03:22 AM	0.8414 V/m	0.7428 V/m	0.6768 V/m
378	08/08/2012 11:03:32 AM	0.7890 V/m	0.7382 V/m	0.7073 V/m

379	08/08/2012 11:03:42 AM	0.8479 V/m	0.8154 V/m	0.7154 V/m
380	08/08/2012 11:03:52 AM	0.8781 V/m	0.8475 V/m	0.8166 V/m
381	08/08/2012 11:04:02 AM	0.8781 V/m	0.8365 V/m	0.7283 V/m
382	08/08/2012 11:04:12 AM	0.8614 V/m	0.8190 V/m	0.7450 V/m
383	08/08/2012 11:04:22 AM	0.8534 V/m	0.7934 V/m	0.6960 V/m
384	08/08/2012 11:04:32 AM	0.7813 V/m	0.7467 V/m	0.7169 V/m
385	08/08/2012 11:04:42 AM	0.7986 V/m	0.7665 V/m	0.7358 V/m
386	08/08/2012 11:04:52 AM	0.8146 V/m	0.7860 V/m	0.7614 V/m
387	08/08/2012 11:05:02 AM	0.8359 V/m	0.7926 V/m	0.7447 V/m
388	08/08/2012 11:05:12 AM	0.8166 V/m	0.7676 V/m	0.7369 V/m
389	08/08/2012 11:05:22 AM	0.8483 V/m	0.7840 V/m	0.7287 V/m
390	08/08/2012 11:05:32 AM	0.8566 V/m	0.7912 V/m	0.7432 V/m
391	08/08/2012 11:05:42 AM	0.8437 V/m	0.7844 V/m	0.7556 V/m
392	08/08/2012 11:05:52 AM	0.8149 V/m	0.7759 V/m	0.7287 V/m
393	08/08/2012 11:06:02 AM	0.8518 V/m	0.7524 V/m	0.7146 V/m
394	08/08/2012 11:06:12 AM	0.8718 V/m	0.7823 V/m	0.7343 V/m
395	08/08/2012 11:06:22 AM	0.8722 V/m	0.7838 V/m	0.7436 V/m
396	08/08/2012 11:06:32 AM	0.8339 V/m	0.7931 V/m	0.7596 V/m
397	08/08/2012 11:06:42 AM	0.8210 V/m	0.7783 V/m	0.7391 V/m
398	08/08/2012 11:06:52 AM	0.8226 V/m	0.7900 V/m	0.7607 V/m
399	08/08/2012 11:07:02 AM	0.7986 V/m	0.7666 V/m	0.7494 V/m
400	08/08/2012 11:07:12 AM	0.8163 V/m	0.7863 V/m	0.7589 V/m
401	08/08/2012 11:07:22 AM	0.8024 V/m	0.7609 V/m	0.7275 V/m
402	08/08/2012 11:07:32 AM	0.8102 V/m	0.7660 V/m	0.7447 V/m
403	08/08/2012 11:07:42 AM	0.8126 V/m	0.7551 V/m	0.7275 V/m
404	08/08/2012 11:07:52 AM	0.7689 V/m	0.7434 V/m	0.7184 V/m
405	08/08/2012 11:08:02 AM	0.7949 V/m	0.7584 V/m	0.7238 V/m
406	08/08/2012 11:08:12 AM	0.8336 V/m	0.7939 V/m	0.7469 V/m
407	08/08/2012 11:08:22 AM	0.8149 V/m	0.7713 V/m	0.7328 V/m
408	08/08/2012 11:08:32 AM	0.7592 V/m	0.7297 V/m	0.6948 V/m
409	08/08/2012 11:08:42 AM	0.7910 V/m	0.7427 V/m	0.7038 V/m
410	08/08/2012 11:08:52 AM	0.8450 V/m	0.7772 V/m	0.7399 V/m
411	08/08/2012 11:09:02 AM	0.7472 V/m	0.7101 V/m	0.6837 V/m
412	08/08/2012 11:09:12 AM	0.7993 V/m	0.7292 V/m	0.6736 V/m
413	08/08/2012 11:09:22 AM	0.7710 V/m	0.7337 V/m	0.6881 V/m
414	08/08/2012 11:09:32 AM	0.7742 V/m	0.7297 V/m	0.6888 V/m
415	08/08/2012 11:09:42 AM	0.7320 V/m	0.7009 V/m	0.6678 V/m
416	08/08/2012 11:09:52 AM	0.7764 V/m	0.7421 V/m	0.7011 V/m
417	08/08/2012 11:10:02 AM	0.7778 V/m	0.7140 V/m	0.6285 V/m
418	08/08/2012 11:10:12 AM	0.7146 V/m	0.6737 V/m	0.6342 V/m
419	08/08/2012 11:10:22 AM	0.7317 V/m	0.6679 V/m	0.6176 V/m
420	08/08/2012 11:10:32 AM	0.8250 V/m	0.6934 V/m	0.6376 V/m
421	08/08/2012 11:10:42 AM	0.8633 V/m	0.8183 V/m	0.6857 V/m
422	08/08/2012 11:10:52 AM	0.7646 V/m	0.6766 V/m	0.6325 V/m
423	08/08/2012 11:11:02 AM	0.8280 V/m	0.7463 V/m	0.6584 V/m
424	08/08/2012 11:11:12 AM	0.8303 V/m	0.7385 V/m	0.6596 V/m
425	08/08/2012 11:11:22 AM	0.7531 V/m	0.7162 V/m	0.6768 V/m
426	08/08/2012 11:11:32 AM	0.8775 V/m	0.8232 V/m	0.7200 V/m
427	08/08/2012 11:11:42 AM	0.8677 V/m	0.7919 V/m	0.6703 V/m
428	08/08/2012 11:11:52 AM	0.7938 V/m	0.7567 V/m	0.6960 V/m
429	08/08/2012 11:12:02 AM	0.8652 V/m	0.7996 V/m	0.7354 V/m
430	08/08/2012 11:12:12 AM	0.8220 V/m	0.7805 V/m	0.7350 V/m
431	08/08/2012 11:12:22 AM	0.8193 V/m	0.7849 V/m	0.7142 V/m
432	08/08/2012 11:12:32 AM	0.8518 V/m	0.8016 V/m	0.7735 V/m
433	08/08/2012 11:12:42 AM	0.8395 V/m	0.7733 V/m	0.7256 V/m

434	08/08/2012 11:12:52 AM	0.8247 V/m	0.7667 V/m	0.7211 V/m
435	08/08/2012 11:13:02 AM	0.8747 V/m	0.7941 V/m	0.7184 V/m
436	08/08/2012 11:13:12 AM	0.7653 V/m	0.7171 V/m	0.6679 V/m
437	08/08/2012 11:13:22 AM	0.8806 V/m	0.7774 V/m	0.6884 V/m
438	08/08/2012 11:13:32 AM	0.8332 V/m	0.7630 V/m	0.6588 V/m
439	08/08/2012 11:13:42 AM	0.8183 V/m	0.6938 V/m	0.6474 V/m
440	08/08/2012 11:13:52 AM	0.7792 V/m	0.7043 V/m	0.6596 V/m
441	08/08/2012 11:14:02 AM	0.7886 V/m	0.7311 V/m	0.6666 V/m
442	08/08/2012 11:14:12 AM	0.7721 V/m	0.6802 V/m	0.6268 V/m
443	08/08/2012 11:14:22 AM	0.7335 V/m	0.6887 V/m	0.6359 V/m
444	08/08/2012 11:14:32 AM	0.7275 V/m	0.6863 V/m	0.6351 V/m
445	08/08/2012 11:14:42 AM	0.7222 V/m	0.6785 V/m	0.6372 V/m
446	08/08/2012 11:14:52 AM	0.7365 V/m	0.6809 V/m	0.6272 V/m
447	08/08/2012 11:15:02 AM	0.7088 V/m	0.6655 V/m	0.6109 V/m
448	08/08/2012 11:15:12 AM	0.7081 V/m	0.6706 V/m	0.6359 V/m
449	08/08/2012 11:15:22 AM	0.8444 V/m	0.7120 V/m	0.6487 V/m
450	08/08/2012 11:15:32 AM	0.9116 V/m	0.8150 V/m	0.6849 V/m
451	08/08/2012 11:15:42 AM	0.8766 V/m	0.8309 V/m	0.7219 V/m
452	08/08/2012 11:15:52 AM	0.8395 V/m	0.7397 V/m	0.6865 V/m
453	08/08/2012 11:16:02 AM	0.7914 V/m	0.7339 V/m	0.6687 V/m
454	08/08/2012 11:16:12 AM	0.8550 V/m	0.7279 V/m	0.6517 V/m
455	08/08/2012 11:16:22 AM	0.9140 V/m	0.7446 V/m	0.6817 V/m
456	08/08/2012 11:16:32 AM	0.7795 V/m	0.7039 V/m	0.6368 V/m
457	08/08/2012 11:16:42 AM	0.8129 V/m	0.6777 V/m	0.6487 V/m
458	08/08/2012 11:16:52 AM	0.8905 V/m	0.8108 V/m	0.6975 V/m
459	08/08/2012 11:17:02 AM	0.9223 V/m	0.8466 V/m	0.7969 V/m
460	08/08/2012 11:17:12 AM	0.8725 V/m	0.8350 V/m	0.7785 V/m
461	08/08/2012 11:17:22 AM	0.8822 V/m	0.8437 V/m	0.8156 V/m
462	08/08/2012 11:17:32 AM	0.8797 V/m	0.8388 V/m	0.8092 V/m
463	08/08/2012 11:17:42 AM	0.9122 V/m	0.8606 V/m	0.8303 V/m
464	08/08/2012 11:17:52 AM	0.8467 V/m	0.8152 V/m	0.7395 V/m
465	08/08/2012 11:18:02 AM	0.7803 V/m	0.6897 V/m	0.6136 V/m
466	08/08/2012 11:18:12 AM	0.7424 V/m	0.7030 V/m	0.6776 V/m
467	08/08/2012 11:18:22 AM	0.8398 V/m	0.7421 V/m	0.6579 V/m
468	08/08/2012 11:18:32 AM	0.9336 V/m	0.7972 V/m	0.7135 V/m
469	08/08/2012 11:18:42 AM	0.8431 V/m	0.7581 V/m	0.7066 V/m
470	08/08/2012 11:18:52 AM	0.8102 V/m	0.7593 V/m	0.7184 V/m
471	08/08/2012 11:19:02 AM	0.8359 V/m	0.7720 V/m	0.6956 V/m
472	08/08/2012 11:19:12 AM	0.8434 V/m	0.7925 V/m	0.7219 V/m
473	08/08/2012 11:19:22 AM	0.8223 V/m	0.7539 V/m	0.6821 V/m
474	08/08/2012 11:19:32 AM	0.8872 V/m	0.8192 V/m	0.6849 V/m
475	08/08/2012 11:19:42 AM	0.8690 V/m	0.8466 V/m	0.8196 V/m
476	08/08/2012 11:19:52 AM	0.8434 V/m	0.7871 V/m	0.7108 V/m
477	08/08/2012 11:20:02 AM	0.8329 V/m	0.7414 V/m	0.7003 V/m
478	08/08/2012 11:20:12 AM	0.8646 V/m	0.7584 V/m	0.7096 V/m
479	08/08/2012 11:20:22 AM	0.7686 V/m	0.7178 V/m	0.6888 V/m
480	08/08/2012 11:20:32 AM	0.8592 V/m	0.7937 V/m	0.6995 V/m
481	08/08/2012 11:20:42 AM	0.8392 V/m	0.7150 V/m	0.6504 V/m
482	08/08/2012 11:20:52 AM	0.7260 V/m	0.6932 V/m	0.6625 V/m
483	08/08/2012 11:21:02 AM	0.8270 V/m	0.7242 V/m	0.6825 V/m
484	08/08/2012 11:21:12 AM	0.8227 V/m	0.7444 V/m	0.6924 V/m
485	08/08/2012 11:21:22 AM	0.8365 V/m	0.7656 V/m	0.7317 V/m
486	08/08/2012 11:21:32 AM	0.8463 V/m	0.7754 V/m	0.7275 V/m
487	08/08/2012 11:21:42 AM	0.8611 V/m	0.7764 V/m	0.6920 V/m
488	08/08/2012 11:21:52 AM	0.8624 V/m	0.7456 V/m	0.6888 V/m

489	08/08/2012 11:22:02 AM	0.8470 V/m	0.7517 V/m	0.7026 V/m
490	08/08/2012 11:22:12 AM	0.8592 V/m	0.7682 V/m	0.7158 V/m
491	08/08/2012 11:22:22 AM	0.8589 V/m	0.7611 V/m	0.7057 V/m
492	08/08/2012 11:22:32 AM	0.7571 V/m	0.7051 V/m	0.6650 V/m
493	08/08/2012 11:22:42 AM	0.8703 V/m	0.7447 V/m	0.6666 V/m
494	08/08/2012 11:22:52 AM	0.8034 V/m	0.6782 V/m	0.6264 V/m
495	08/08/2012 11:23:02 AM	0.8048 V/m	0.6859 V/m	0.6333 V/m
496	08/08/2012 11:23:12 AM	0.7990 V/m	0.7185 V/m	0.6529 V/m
497	08/08/2012 11:23:22 AM	0.8512 V/m	0.7159 V/m	0.6662 V/m
498	08/08/2012 11:23:32 AM	0.8502 V/m	0.7259 V/m	0.6563 V/m
499	08/08/2012 11:23:42 AM	0.8034 V/m	0.6727 V/m	0.6457 V/m
500	08/08/2012 11:23:52 AM	0.8643 V/m	0.8309 V/m	0.7119 V/m
501	08/08/2012 11:24:02 AM	0.8537 V/m	0.8358 V/m	0.8227 V/m
502	08/08/2012 11:24:12 AM	0.8665 V/m	0.8504 V/m	0.8342 V/m
503	08/08/2012 11:24:22 AM	0.8828 V/m	0.8563 V/m	0.7100 V/m
504	08/08/2012 11:24:32 AM	0.8085 V/m	0.7002 V/m	0.6596 V/m
505	08/08/2012 11:24:42 AM	0.8585 V/m	0.7300 V/m	0.6533 V/m
506	08/08/2012 11:24:52 AM	0.8398 V/m	0.7207 V/m	0.6483 V/m
507	08/08/2012 11:25:02 AM	0.6940 V/m	0.6717 V/m	0.6466 V/m
508	08/08/2012 11:25:12 AM	0.8017 V/m	0.7226 V/m	0.6621 V/m
509	08/08/2012 11:25:22 AM	0.8089 V/m	0.6998 V/m	0.6167 V/m
510	08/08/2012 11:25:32 AM	0.7628 V/m	0.6877 V/m	0.6521 V/m
511	08/08/2012 11:25:42 AM	0.7018 V/m	0.6615 V/m	0.6215 V/m
512	08/08/2012 11:25:52 AM	0.7838 V/m	0.6869 V/m	0.6428 V/m
513	08/08/2012 11:26:02 AM	0.7241 V/m	0.6752 V/m	0.6389 V/m
514	08/08/2012 11:26:12 AM	0.7872 V/m	0.7023 V/m	0.6277 V/m
515	08/08/2012 11:26:22 AM	0.8153 V/m	0.7419 V/m	0.6542 V/m
516	08/08/2012 11:26:32 AM	0.6944 V/m	0.6618 V/m	0.6445 V/m
517	08/08/2012 11:26:42 AM	0.8000 V/m	0.7045 V/m	0.6662 V/m
518	08/08/2012 11:26:52 AM	0.8508 V/m	0.7143 V/m	0.6474 V/m
519	08/08/2012 11:27:02 AM	0.8401 V/m	0.6901 V/m	0.6372 V/m
520	08/08/2012 11:27:12 AM	0.7714 V/m	0.7225 V/m	0.6877 V/m
521	08/08/2012 11:27:22 AM	0.8440 V/m	0.6782 V/m	0.6158 V/m
522	08/08/2012 11:27:32 AM	0.7142 V/m	0.6555 V/m	0.6237 V/m
523	08/08/2012 11:27:42 AM	0.7505 V/m	0.6519 V/m	0.5857 V/m
524	08/08/2012 11:27:52 AM	0.6703 V/m	0.6397 V/m	0.6189 V/m
525	08/08/2012 11:28:02 AM	0.6928 V/m	0.6551 V/m	0.6198 V/m
526	08/08/2012 11:28:12 AM	0.8129 V/m	0.6984 V/m	0.6251 V/m
527	08/08/2012 11:28:22 AM	0.7986 V/m	0.6997 V/m	0.6346 V/m
528	08/08/2012 11:28:32 AM	0.7361 V/m	0.6910 V/m	0.6351 V/m
529	08/08/2012 11:28:42 AM	0.9391 V/m	0.7663 V/m	0.6372 V/m
530	08/08/2012 11:28:52 AM	0.7092 V/m	0.6606 V/m	0.6023 V/m
531	08/08/2012 11:29:02 AM	0.7628 V/m	0.7055 V/m	0.6554 V/m
532	08/08/2012 11:29:12 AM	0.7313 V/m	0.6822 V/m	0.6381 V/m
533	08/08/2012 11:29:22 AM	0.8329 V/m	0.7460 V/m	0.6695 V/m
534	08/08/2012 11:29:32 AM	0.8693 V/m	0.7310 V/m	0.6732 V/m
535	08/08/2012 11:29:42 AM	0.7955 V/m	0.7028 V/m	0.6529 V/m
536	08/08/2012 11:29:52 AM	0.8681 V/m	0.7696 V/m	0.6571 V/m
537	08/08/2012 11:30:02 AM	0.8200 V/m	0.6917 V/m	0.6521 V/m
538	08/08/2012 11:30:12 AM	0.7328 V/m	0.6716 V/m	0.6237 V/m
539	08/08/2012 11:30:22 AM	0.7069 V/m	0.6625 V/m	0.6299 V/m
540	08/08/2012 11:30:32 AM	0.6960 V/m	0.6661 V/m	0.6376 V/m
541	08/08/2012 11:30:42 AM	0.7077 V/m	0.6735 V/m	0.6363 V/m
542	08/08/2012 11:30:52 AM	0.7196 V/m	0.6765 V/m	0.6394 V/m
543	08/08/2012 11:31:02 AM	0.7347 V/m	0.6858 V/m	0.6579 V/m

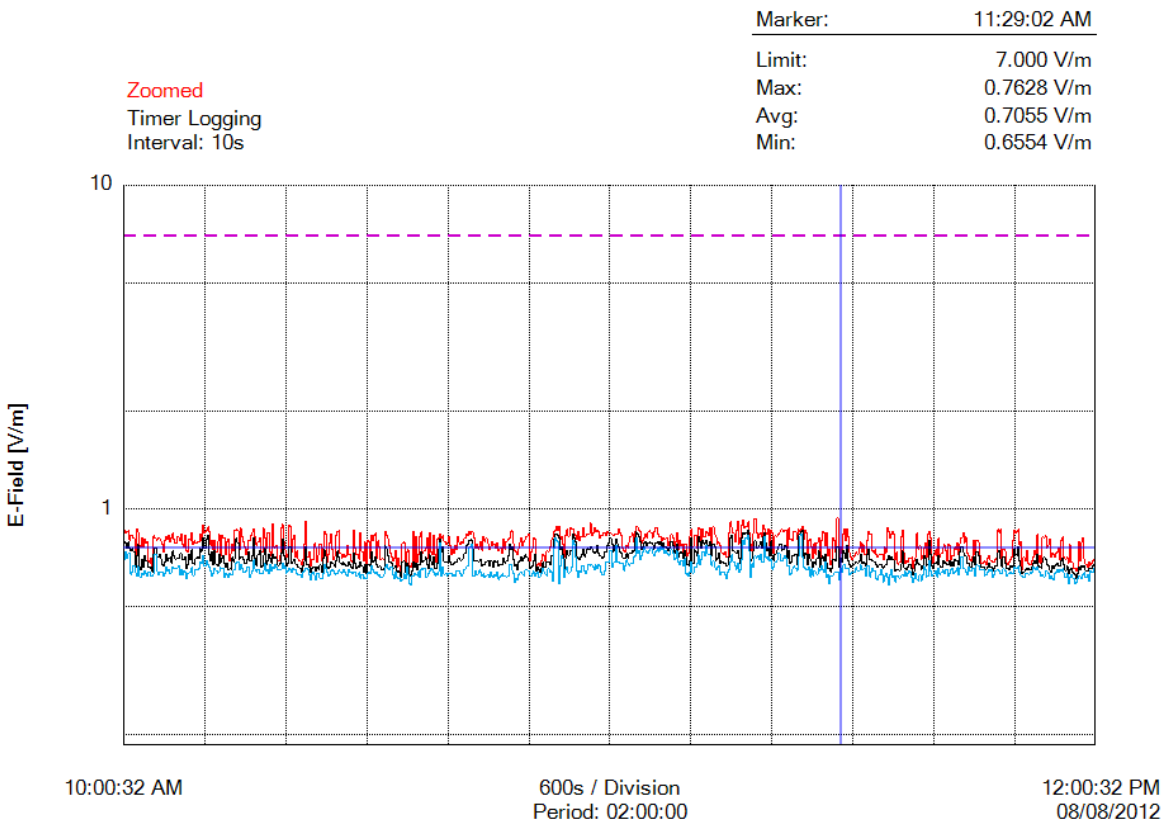
544	08/08/2012 11:31:12 AM	0.7245 V/m	0.6809 V/m	0.6436 V/m
545	08/08/2012 11:31:22 AM	0.7549 V/m	0.6901 V/m	0.6445 V/m
546	08/08/2012 11:31:32 AM	0.7886 V/m	0.7222 V/m	0.6711 V/m
547	08/08/2012 11:31:42 AM	0.7358 V/m	0.6761 V/m	0.6466 V/m
548	08/08/2012 11:31:52 AM	0.7750 V/m	0.6851 V/m	0.6512 V/m
549	08/08/2012 11:32:02 AM	0.7222 V/m	0.6800 V/m	0.6529 V/m
550	08/08/2012 11:32:12 AM	0.7260 V/m	0.6638 V/m	0.6207 V/m
551	08/08/2012 11:32:22 AM	0.7959 V/m	0.7222 V/m	0.6658 V/m
552	08/08/2012 11:32:32 AM	0.8524 V/m	0.7478 V/m	0.6666 V/m
553	08/08/2012 11:32:42 AM	0.8385 V/m	0.6981 V/m	0.6171 V/m
554	08/08/2012 11:32:52 AM	0.8323 V/m	0.6977 V/m	0.6355 V/m
555	08/08/2012 11:33:02 AM	0.7439 V/m	0.6882 V/m	0.6533 V/m
556	08/08/2012 11:33:12 AM	0.7313 V/m	0.6868 V/m	0.6423 V/m
557	08/08/2012 11:33:22 AM	0.7465 V/m	0.6873 V/m	0.6436 V/m
558	08/08/2012 11:33:32 AM	0.7230 V/m	0.6724 V/m	0.6086 V/m
559	08/08/2012 11:33:42 AM	0.7100 V/m	0.6597 V/m	0.6010 V/m
560	08/08/2012 11:33:52 AM	0.7207 V/m	0.6725 V/m	0.6238 V/m
561	08/08/2012 11:34:02 AM	0.7230 V/m	0.6752 V/m	0.6504 V/m
562	08/08/2012 11:34:12 AM	0.7234 V/m	0.6624 V/m	0.6277 V/m
563	08/08/2012 11:34:22 AM	0.6944 V/m	0.6568 V/m	0.5945 V/m
564	08/08/2012 11:34:32 AM	0.7600 V/m	0.6695 V/m	0.6202 V/m
565	08/08/2012 11:34:42 AM	0.7328 V/m	0.6725 V/m	0.6333 V/m
566	08/08/2012 11:34:52 AM	0.8750 V/m	0.6990 V/m	0.6131 V/m
567	08/08/2012 11:35:02 AM	0.8531 V/m	0.7139 V/m	0.5843 V/m
568	08/08/2012 11:35:12 AM	0.8099 V/m	0.6955 V/m	0.6285 V/m
569	08/08/2012 11:35:22 AM	0.8336 V/m	0.7101 V/m	0.6491 V/m
570	08/08/2012 11:35:32 AM	0.8512 V/m	0.6971 V/m	0.6140 V/m
571	08/08/2012 11:35:42 AM	0.8342 V/m	0.6937 V/m	0.6207 V/m
572	08/08/2012 11:35:52 AM	0.6983 V/m	0.6426 V/m	0.5941 V/m
573	08/08/2012 11:36:02 AM	0.7358 V/m	0.6505 V/m	0.6220 V/m
574	08/08/2012 11:36:12 AM	0.6756 V/m	0.6459 V/m	0.6180 V/m
575	08/08/2012 11:36:22 AM	0.6829 V/m	0.6440 V/m	0.6109 V/m
576	08/08/2012 11:36:32 AM	0.8180 V/m	0.6748 V/m	0.6224 V/m
577	08/08/2012 11:36:42 AM	0.8585 V/m	0.7402 V/m	0.6281 V/m
578	08/08/2012 11:36:52 AM	0.7302 V/m	0.6592 V/m	0.6207 V/m
579	08/08/2012 11:37:02 AM	0.6792 V/m	0.6571 V/m	0.6402 V/m
580	08/08/2012 11:37:12 AM	0.6920 V/m	0.6501 V/m	0.6198 V/m
581	08/08/2012 11:37:22 AM	0.6861 V/m	0.6607 V/m	0.6307 V/m
582	08/08/2012 11:37:32 AM	0.7030 V/m	0.6714 V/m	0.6440 V/m
583	08/08/2012 11:37:42 AM	0.7007 V/m	0.6707 V/m	0.6372 V/m
584	08/08/2012 11:37:52 AM	0.7069 V/m	0.6568 V/m	0.6127 V/m
585	08/08/2012 11:38:02 AM	0.6567 V/m	0.6264 V/m	0.5922 V/m
586	08/08/2012 11:38:12 AM	0.6912 V/m	0.6410 V/m	0.6100 V/m
587	08/08/2012 11:38:22 AM	0.7081 V/m	0.6731 V/m	0.6325 V/m
588	08/08/2012 11:38:32 AM	0.8392 V/m	0.6988 V/m	0.6050 V/m
589	08/08/2012 11:38:42 AM	0.7520 V/m	0.6771 V/m	0.5996 V/m
590	08/08/2012 11:38:52 AM	0.7696 V/m	0.6718 V/m	0.6237 V/m
591	08/08/2012 11:39:02 AM	0.6987 V/m	0.6517 V/m	0.6005 V/m
592	08/08/2012 11:39:12 AM	0.7135 V/m	0.6679 V/m	0.6255 V/m
593	08/08/2012 11:39:22 AM	0.7534 V/m	0.7186 V/m	0.6650 V/m
594	08/08/2012 11:39:32 AM	0.7851 V/m	0.7036 V/m	0.6517 V/m
595	08/08/2012 11:39:42 AM	0.7085 V/m	0.6690 V/m	0.6171 V/m
596	08/08/2012 11:39:52 AM	0.8369 V/m	0.6734 V/m	0.6189 V/m
597	08/08/2012 11:40:02 AM	0.8534 V/m	0.7995 V/m	0.6932 V/m
598	08/08/2012 11:40:12 AM	0.8143 V/m	0.7231 V/m	0.6441 V/m

599	08/08/2012 11:40:22 AM	0.7092 V/m	0.6677 V/m	0.6180 V/m
600	08/08/2012 11:40:32 AM	0.6776 V/m	0.6520 V/m	0.6290 V/m
601	08/08/2012 11:40:42 AM	0.7230 V/m	0.6790 V/m	0.6338 V/m
602	08/08/2012 11:40:52 AM	0.7465 V/m	0.6829 V/m	0.6423 V/m
603	08/08/2012 11:41:02 AM	0.7158 V/m	0.6751 V/m	0.6162 V/m
604	08/08/2012 11:41:12 AM	0.8099 V/m	0.7190 V/m	0.6575 V/m
605	08/08/2012 11:41:22 AM	0.7131 V/m	0.6671 V/m	0.6268 V/m
606	08/08/2012 11:41:32 AM	0.7294 V/m	0.6609 V/m	0.6351 V/m
607	08/08/2012 11:41:42 AM	0.7592 V/m	0.6912 V/m	0.6479 V/m
608	08/08/2012 11:41:52 AM	0.7757 V/m	0.6759 V/m	0.6320 V/m
609	08/08/2012 11:42:02 AM	0.7432 V/m	0.6824 V/m	0.6504 V/m
610	08/08/2012 11:42:12 AM	0.6900 V/m	0.6709 V/m	0.6487 V/m
611	08/08/2012 11:42:22 AM	0.7792 V/m	0.6705 V/m	0.6185 V/m
612	08/08/2012 11:42:32 AM	0.7671 V/m	0.6917 V/m	0.6312 V/m
613	08/08/2012 11:42:42 AM	0.6952 V/m	0.6657 V/m	0.6500 V/m
614	08/08/2012 11:42:52 AM	0.7142 V/m	0.6829 V/m	0.6538 V/m
615	08/08/2012 11:43:02 AM	0.7196 V/m	0.6654 V/m	0.6316 V/m
616	08/08/2012 11:43:12 AM	0.7614 V/m	0.6985 V/m	0.6381 V/m
617	08/08/2012 11:43:22 AM	0.7509 V/m	0.6901 V/m	0.6423 V/m
618	08/08/2012 11:43:32 AM	0.7865 V/m	0.6933 V/m	0.6588 V/m
619	08/08/2012 11:43:42 AM	0.7219 V/m	0.6711 V/m	0.6251 V/m
620	08/08/2012 11:43:52 AM	0.7816 V/m	0.7364 V/m	0.6558 V/m
621	08/08/2012 11:44:02 AM	0.8146 V/m	0.7650 V/m	0.7127 V/m
622	08/08/2012 11:44:12 AM	0.8453 V/m	0.7353 V/m	0.6563 V/m
623	08/08/2012 11:44:22 AM	0.7872 V/m	0.7162 V/m	0.6521 V/m
624	08/08/2012 11:44:32 AM	0.8180 V/m	0.7148 V/m	0.6368 V/m
625	08/08/2012 11:44:42 AM	0.7328 V/m	0.6767 V/m	0.6264 V/m
626	08/08/2012 11:44:52 AM	0.7146 V/m	0.6808 V/m	0.6600 V/m
627	08/08/2012 11:45:02 AM	0.6952 V/m	0.6633 V/m	0.6436 V/m
628	08/08/2012 11:45:12 AM	0.6932 V/m	0.6628 V/m	0.6440 V/m
629	08/08/2012 11:45:22 AM	0.7104 V/m	0.6868 V/m	0.6575 V/m
630	08/08/2012 11:45:32 AM	0.7969 V/m	0.7080 V/m	0.6571 V/m
631	08/08/2012 11:45:42 AM	0.7196 V/m	0.6737 V/m	0.6215 V/m
632	08/08/2012 11:45:52 AM	0.8010 V/m	0.7358 V/m	0.6707 V/m
633	08/08/2012 11:46:02 AM	0.7959 V/m	0.7387 V/m	0.6683 V/m
634	08/08/2012 11:46:12 AM	0.7865 V/m	0.7152 V/m	0.6687 V/m
635	08/08/2012 11:46:22 AM	0.7177 V/m	0.6766 V/m	0.6483 V/m
636	08/08/2012 11:46:32 AM	0.6788 V/m	0.6593 V/m	0.6466 V/m
637	08/08/2012 11:46:42 AM	0.6857 V/m	0.6628 V/m	0.6512 V/m
638	08/08/2012 11:46:52 AM	0.6900 V/m	0.6443 V/m	0.6229 V/m
639	08/08/2012 11:47:02 AM	0.6740 V/m	0.6504 V/m	0.6268 V/m
640	08/08/2012 11:47:12 AM	0.7011 V/m	0.6609 V/m	0.6368 V/m
641	08/08/2012 11:47:22 AM	0.7154 V/m	0.6809 V/m	0.6483 V/m
642	08/08/2012 11:47:32 AM	0.6948 V/m	0.6590 V/m	0.6419 V/m
643	08/08/2012 11:47:42 AM	0.6932 V/m	0.6623 V/m	0.6483 V/m
644	08/08/2012 11:47:52 AM	0.6877 V/m	0.6448 V/m	0.6171 V/m
645	08/08/2012 11:48:02 AM	0.6873 V/m	0.6570 V/m	0.6264 V/m
646	08/08/2012 11:48:12 AM	0.6987 V/m	0.6675 V/m	0.6436 V/m
647	08/08/2012 11:48:22 AM	0.7085 V/m	0.6663 V/m	0.6470 V/m
648	08/08/2012 11:48:32 AM	0.8630 V/m	0.7340 V/m	0.6487 V/m
649	08/08/2012 11:48:42 AM	0.8447 V/m	0.7453 V/m	0.6436 V/m
650	08/08/2012 11:48:52 AM	0.8652 V/m	0.7011 V/m	0.6312 V/m
651	08/08/2012 11:49:02 AM	0.6912 V/m	0.6617 V/m	0.6312 V/m
652	08/08/2012 11:49:12 AM	0.7513 V/m	0.7117 V/m	0.6546 V/m
653	08/08/2012 11:49:22 AM	0.7421 V/m	0.6818 V/m	0.6432 V/m

654	08/08/2012 11:49:32 AM	0.6796 V/m	0.6571 V/m	0.6189 V/m
655	08/08/2012 11:49:42 AM	0.6719 V/m	0.6533 V/m	0.6281 V/m
656	08/08/2012 11:49:52 AM	0.6829 V/m	0.6484 V/m	0.6303 V/m
657	08/08/2012 11:50:02 AM	0.6972 V/m	0.6648 V/m	0.6398 V/m
658	08/08/2012 11:50:12 AM	0.7073 V/m	0.6624 V/m	0.6299 V/m
659	08/08/2012 11:50:22 AM	0.8010 V/m	0.6663 V/m	0.6307 V/m
660	08/08/2012 11:50:32 AM	0.8611 V/m	0.7483 V/m	0.6621 V/m
661	08/08/2012 11:50:42 AM	0.8431 V/m	0.7242 V/m	0.6542 V/m
662	08/08/2012 11:50:52 AM	0.8521 V/m	0.7195 V/m	0.6538 V/m
663	08/08/2012 11:51:02 AM	0.8646 V/m	0.7630 V/m	0.6654 V/m
664	08/08/2012 11:51:12 AM	0.7728 V/m	0.6917 V/m	0.6364 V/m
665	08/08/2012 11:51:22 AM	0.7942 V/m	0.6661 V/m	0.6224 V/m
666	08/08/2012 11:51:32 AM	0.6487 V/m	0.6312 V/m	0.6189 V/m
667	08/08/2012 11:51:42 AM	0.7077 V/m	0.6395 V/m	0.6136 V/m
668	08/08/2012 11:51:52 AM	0.6904 V/m	0.6471 V/m	0.6299 V/m
669	08/08/2012 11:52:02 AM	0.7454 V/m	0.6549 V/m	0.6316 V/m
670	08/08/2012 11:52:12 AM	0.6796 V/m	0.6487 V/m	0.6299 V/m
671	08/08/2012 11:52:22 AM	0.6740 V/m	0.6526 V/m	0.6281 V/m
672	08/08/2012 11:52:32 AM	0.6715 V/m	0.6502 V/m	0.6355 V/m
673	08/08/2012 11:52:42 AM	0.6884 V/m	0.6598 V/m	0.6342 V/m
674	08/08/2012 11:52:52 AM	0.7127 V/m	0.6787 V/m	0.6604 V/m
675	08/08/2012 11:53:02 AM	0.7461 V/m	0.6893 V/m	0.6525 V/m
676	08/08/2012 11:53:12 AM	0.7238 V/m	0.6781 V/m	0.6496 V/m
677	08/08/2012 11:53:22 AM	0.8329 V/m	0.7228 V/m	0.6613 V/m
678	08/08/2012 11:53:32 AM	0.6841 V/m	0.6645 V/m	0.6449 V/m
679	08/08/2012 11:53:42 AM	0.7184 V/m	0.6615 V/m	0.6376 V/m
680	08/08/2012 11:53:52 AM	0.6780 V/m	0.6563 V/m	0.6207 V/m
681	08/08/2012 11:54:02 AM	0.8190 V/m	0.6820 V/m	0.6277 V/m
682	08/08/2012 11:54:12 AM	0.8139 V/m	0.7070 V/m	0.6171 V/m
683	08/08/2012 11:54:22 AM	0.8273 V/m	0.6975 V/m	0.6415 V/m
684	08/08/2012 11:54:32 AM	0.7592 V/m	0.6746 V/m	0.6402 V/m
685	08/08/2012 11:54:42 AM	0.7721 V/m	0.6674 V/m	0.6329 V/m
686	08/08/2012 11:54:52 AM	0.8075 V/m	0.6463 V/m	0.6064 V/m
687	08/08/2012 11:55:02 AM	0.7077 V/m	0.6385 V/m	0.6211 V/m
688	08/08/2012 11:55:12 AM	0.7305 V/m	0.6694 V/m	0.6095 V/m
689	08/08/2012 11:55:22 AM	0.7238 V/m	0.6518 V/m	0.6059 V/m
690	08/08/2012 11:55:32 AM	0.7073 V/m	0.6652 V/m	0.6342 V/m
691	08/08/2012 11:55:42 AM	0.7287 V/m	0.6749 V/m	0.6368 V/m
692	08/08/2012 11:55:52 AM	0.7384 V/m	0.6790 V/m	0.6512 V/m
693	08/08/2012 11:56:02 AM	0.7552 V/m	0.6680 V/m	0.6376 V/m
694	08/08/2012 11:56:12 AM	0.6979 V/m	0.6682 V/m	0.6487 V/m
695	08/08/2012 11:56:22 AM	0.7993 V/m	0.6925 V/m	0.6440 V/m
696	08/08/2012 11:56:32 AM	0.8180 V/m	0.7046 V/m	0.6525 V/m
697	08/08/2012 11:56:42 AM	0.7069 V/m	0.6702 V/m	0.6320 V/m
698	08/08/2012 11:56:52 AM	0.7003 V/m	0.6450 V/m	0.6136 V/m
699	08/08/2012 11:57:02 AM	0.7081 V/m	0.6656 V/m	0.6290 V/m
700	08/08/2012 11:57:12 AM	0.6809 V/m	0.6314 V/m	0.5876 V/m
701	08/08/2012 11:57:22 AM	0.7753 V/m	0.6476 V/m	0.6131 V/m
702	08/08/2012 11:57:32 AM	0.6849 V/m	0.6561 V/m	0.6251 V/m
703	08/08/2012 11:57:42 AM	0.6821 V/m	0.6355 V/m	0.6122 V/m
704	08/08/2012 11:57:52 AM	0.6563 V/m	0.6319 V/m	0.6082 V/m
705	08/08/2012 11:58:02 AM	0.6575 V/m	0.6244 V/m	0.5890 V/m
706	08/08/2012 11:58:12 AM	0.6411 V/m	0.6113 V/m	0.5941 V/m
707	08/08/2012 11:58:22 AM	0.6579 V/m	0.6338 V/m	0.6113 V/m
708	08/08/2012 11:58:32 AM	0.7935 V/m	0.6609 V/m	0.6229 V/m

709	08/08/2012 11:58:42 AM	0.6884 V/m	0.6498 V/m	0.6171 V/m
710	08/08/2012 11:58:52 AM	0.7879 V/m	0.6694 V/m	0.6064 V/m
711	08/08/2012 11:59:02 AM	0.8146 V/m	0.6597 V/m	0.6259 V/m
712	08/08/2012 11:59:12 AM	0.6983 V/m	0.6675 V/m	0.6355 V/m
713	08/08/2012 11:59:22 AM	0.6756 V/m	0.6445 V/m	0.6122 V/m
714	08/08/2012 11:59:32 AM	0.6583 V/m	0.6423 V/m	0.6255 V/m
715	08/08/2012 11:59:42 AM	0.6865 V/m	0.6545 V/m	0.5982 V/m
716	08/08/2012 11:59:52 AM	0.6691 V/m	0.6533 V/m	0.6432 V/m
717	08/08/2012 12:00:02 PM	0.6776 V/m	0.6550 V/m	0.6351 V/m
718	08/08/2012 12:00:12 PM	0.6888 V/m	0.6654 V/m	0.6389 V/m
719	08/08/2012 12:00:22 PM	0.6960 V/m	0.6705 V/m	0.6546 V/m
720	08/08/2012 12:00:32 PM	0.7115 V/m	0.6819 V/m	0.6517 V/m

Graph


Marker: 11:29:02 AM
Limit: 7.000 V/m
Max: 0.7628 V/m
Avg: 0.7055 V/m
Min: 0.6554 V/m
Zoomed
Timer Logging
Interval: 10s
10
1
E-Field [V/m]
10:00:32 AM
600s / Division
Period: 02:00:00
12:00:32 PM
08/08/2012

Parameters

Number of Sub Indices	720
Storing Date	08/08/2012
Storing Time	10:00:32 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 południowo-zachodnim

Fot. 2. Rejon badań, widok w kierunku zachodnim

Fot. 3. Rejon badań, widok w kierunku wschodnim

Fot. 4. Urządzenie pomiarowe w trakcie wykonywanego badania

SZCZYRK

Oznaczenia:

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

Ryc. Szkic sytuacyjny rejonu badań.